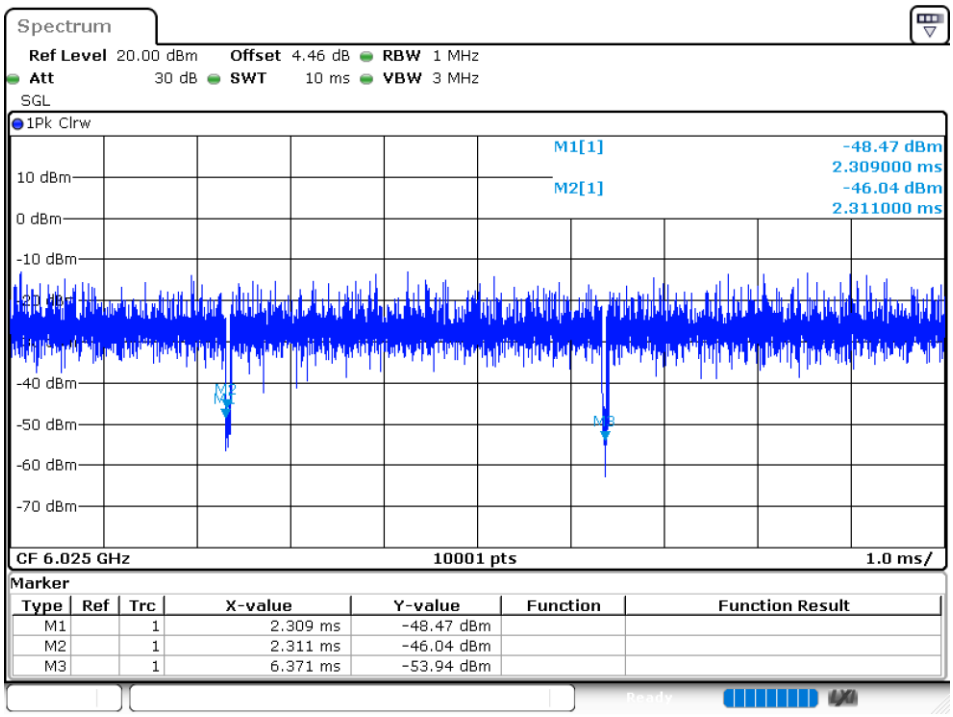
6.2G WIFI

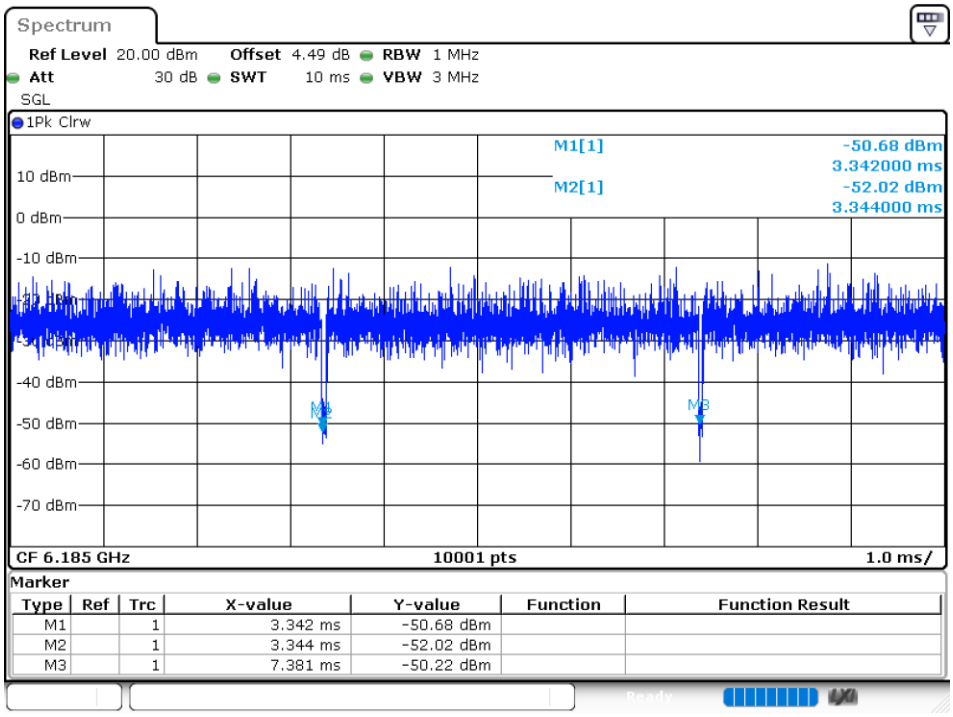
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6025	Ant1	99.95	0	0.25
NVNT	ax160	6185	Ant1	99.95	0	0.25
NVNT	ax160	6345	Ant1	99.95	0	0.25
NVNT	ax160	6025	Ant2	99.98	0	0.12
NVNT	ax160	6185	Ant2	99.95	0	0.25
NVNT	ax160	6345	Ant2	99.95	0	0.25
NVNT	ax20	5955	Ant1	98.83	0	0.25
NVNT	ax20	6175	Ant1	98.83	0	0.25
NVNT	ax20	6415	Ant1	98.83	0	0.25
NVNT	ax20	5955	Ant2	98.83	0	0.25
NVNT	ax20	6175	Ant2	98.83	0	0.25
NVNT	ax20	6415	Ant2	98.83	0	0.25
NVNT	ax40	5965	Ant1	98.86	0	0.25
NVNT	ax40	6165	Ant1	98.86	0	0.25
NVNT	ax40	6405	Ant1	98.83	0	0.25
NVNT	ax40	5965	Ant2	98.83	0	0.25
NVNT	ax40	6165	Ant2	98.86	0	0.25
NVNT	ax40	6405	Ant2	98.86	0	0.25
NVNT	ax80	5985	Ant1	99.95	0	0.25
NVNT	ax80	6145	Ant1	99.89	0	0.54
NVNT	ax80	6385	Ant1	99.95	0	0.25
NVNT	ax80	5985	Ant2	99.98	0	0.12
NVNT	ax80	6145	Ant2	99.93	0	0.25
NVNT	ax80	6385	Ant2	99.95	0	0.25

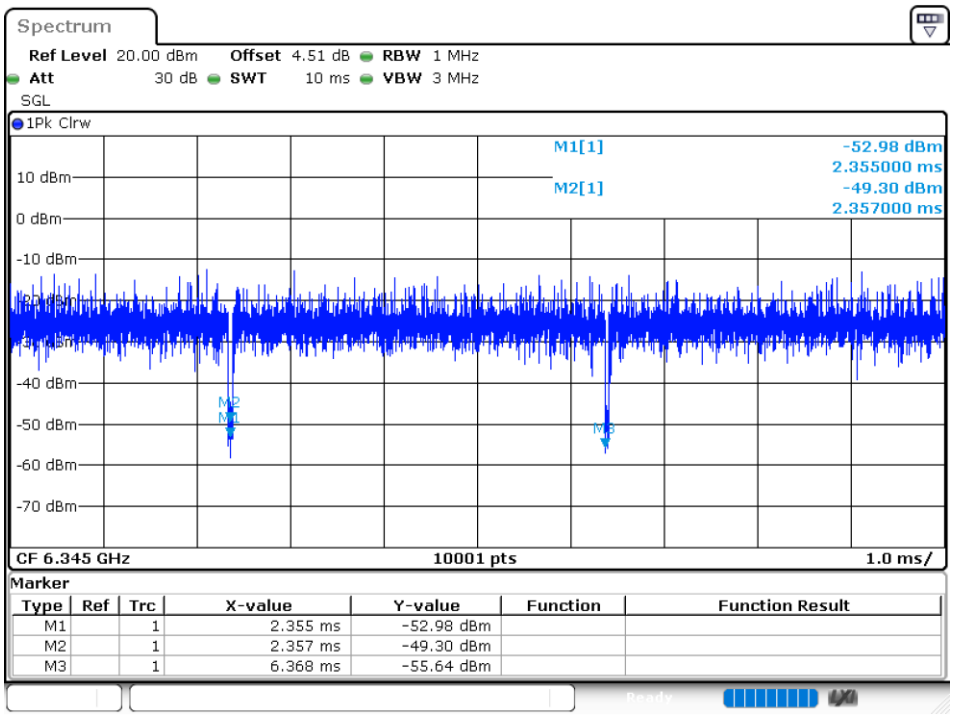
Test Graphs
Duty Cycle NVNT ax160 6025MHz Ant1



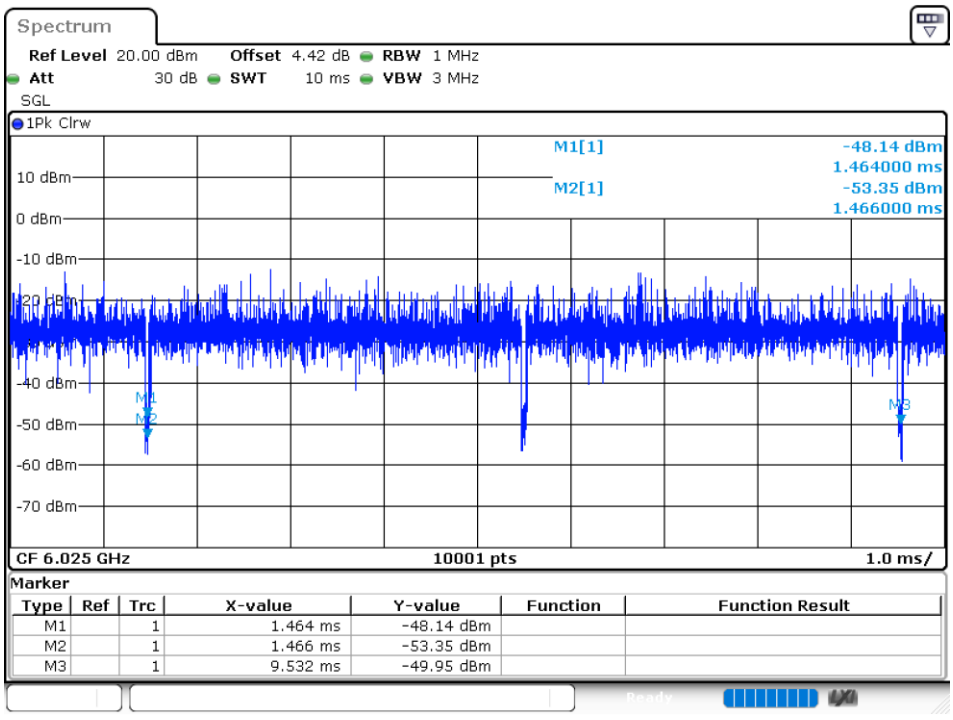
Duty Cycle NVNT ax160 6185MHz Ant1



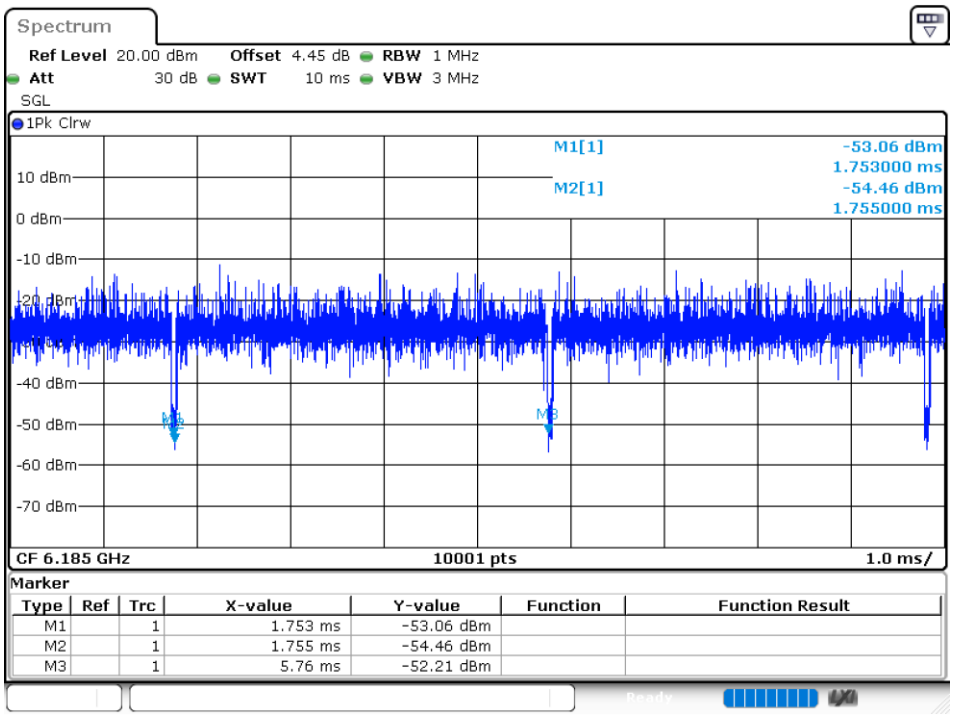
Duty Cycle NVNT ax160 6345MHz Ant1



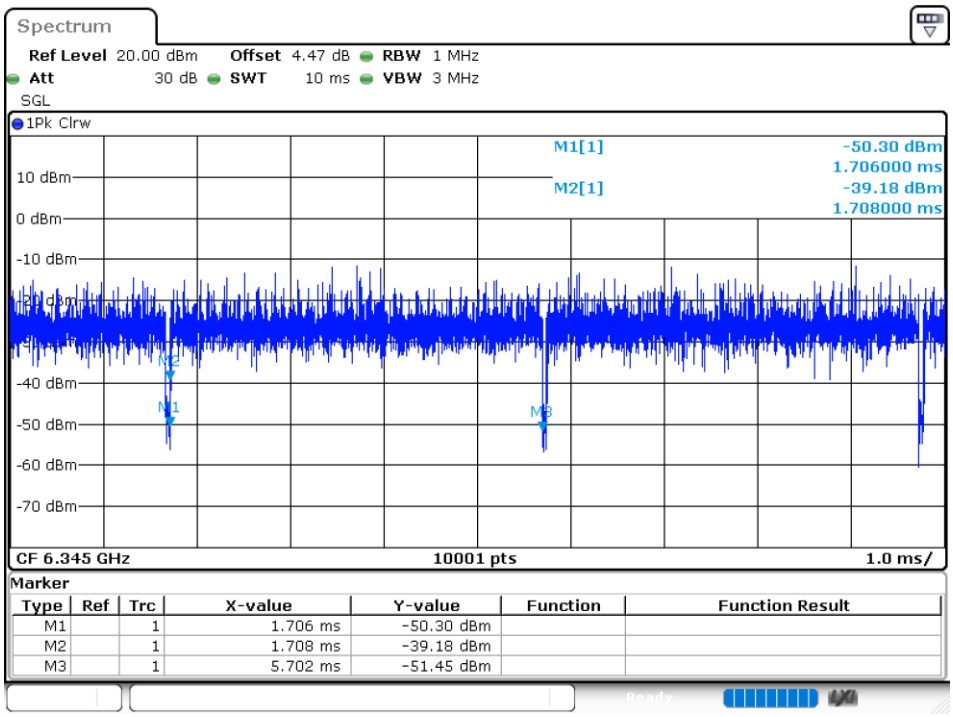
Duty Cycle NVNT ax160 6025MHz Ant2



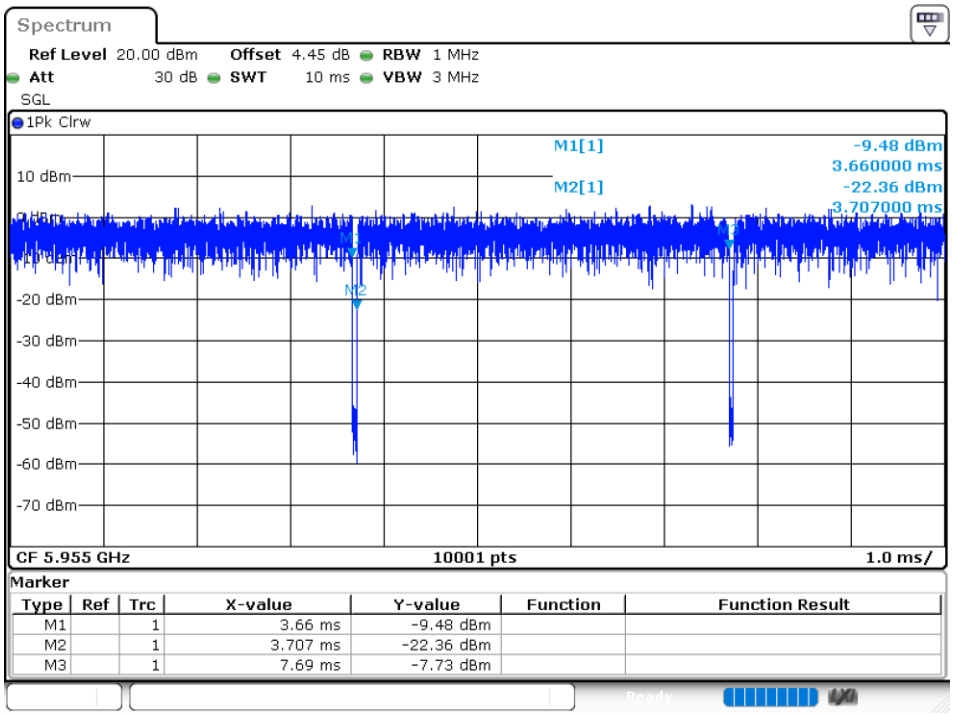
Duty Cycle NVNT ax160 6185MHz Ant2



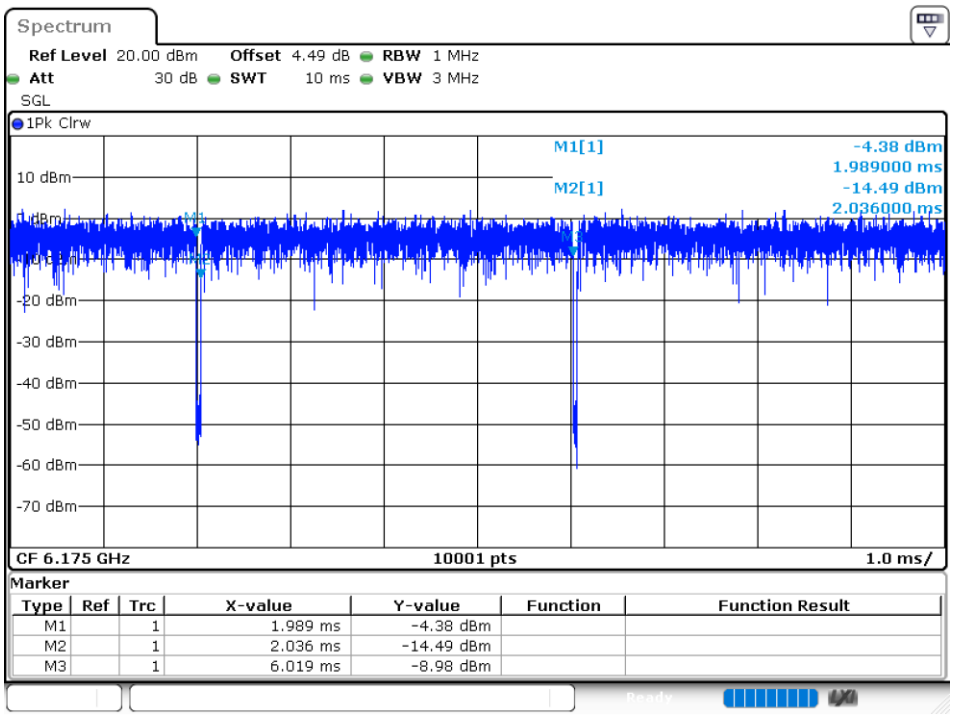
Duty Cycle NVNT ax160 6345MHz Ant2



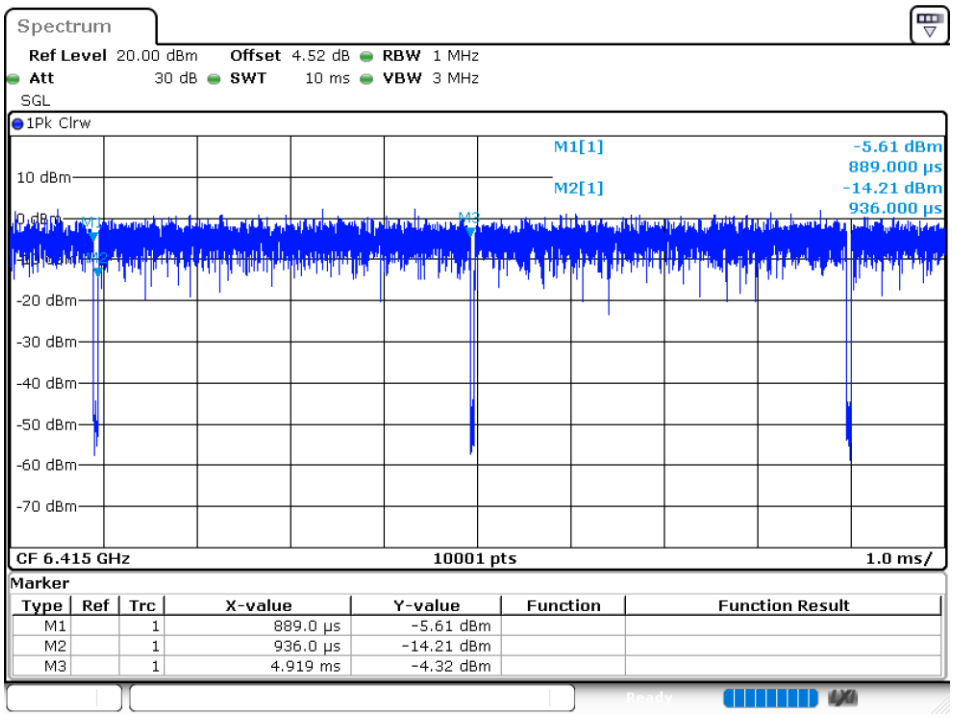
Duty Cycle NVNT ax20 5955MHz Ant1



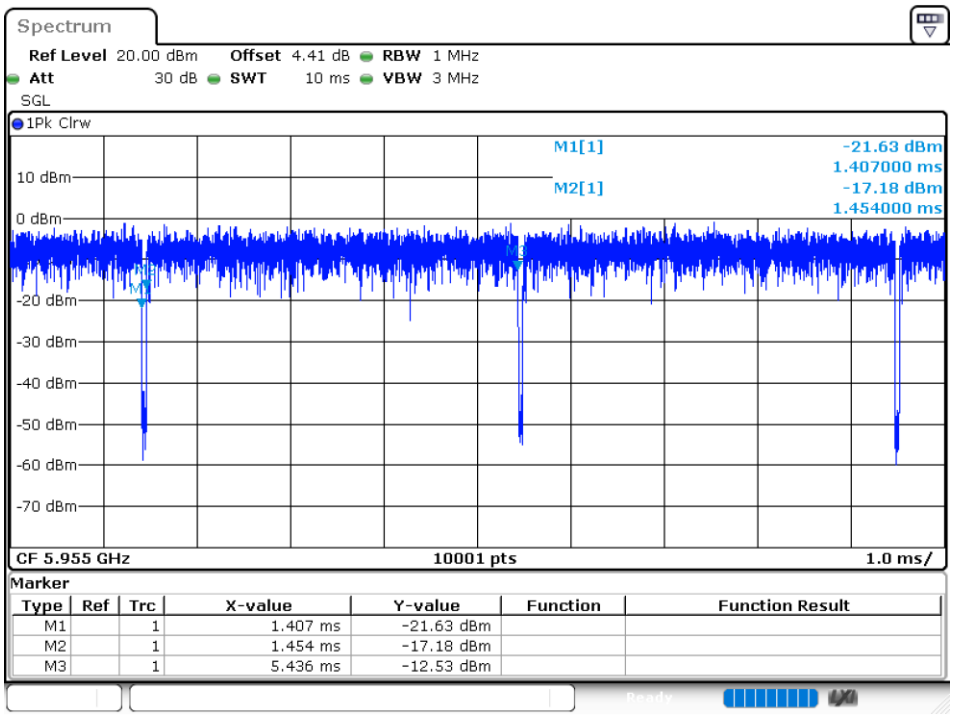
Duty Cycle NVNT ax20 6175MHz Ant1



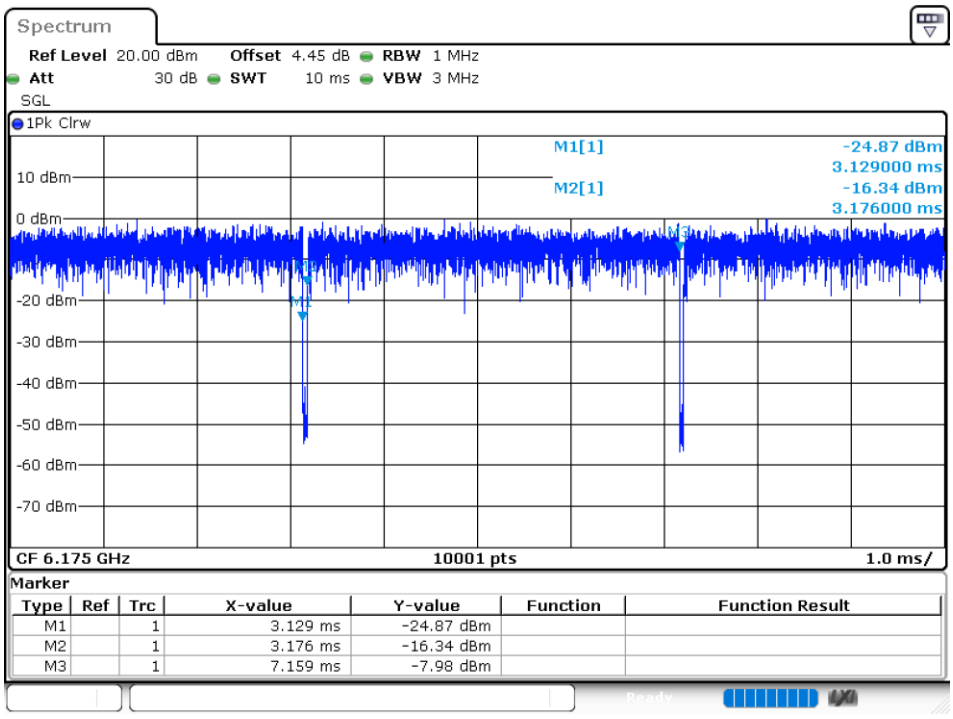
Duty Cycle NVNT ax20 6415MHz Ant1



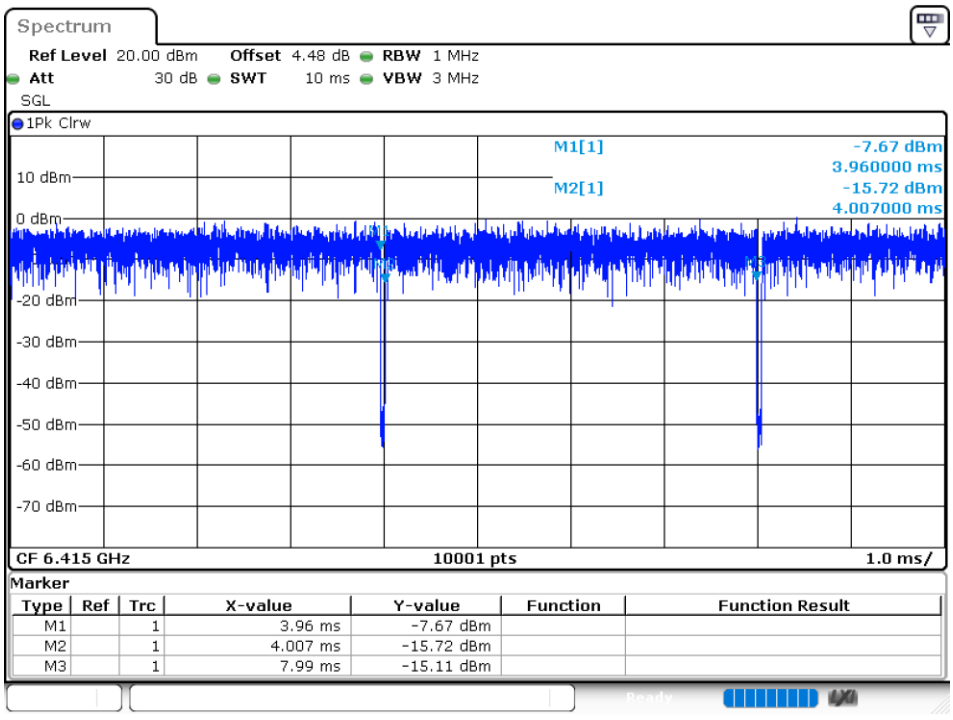
Duty Cycle NVNT ax20 5955MHz Ant2



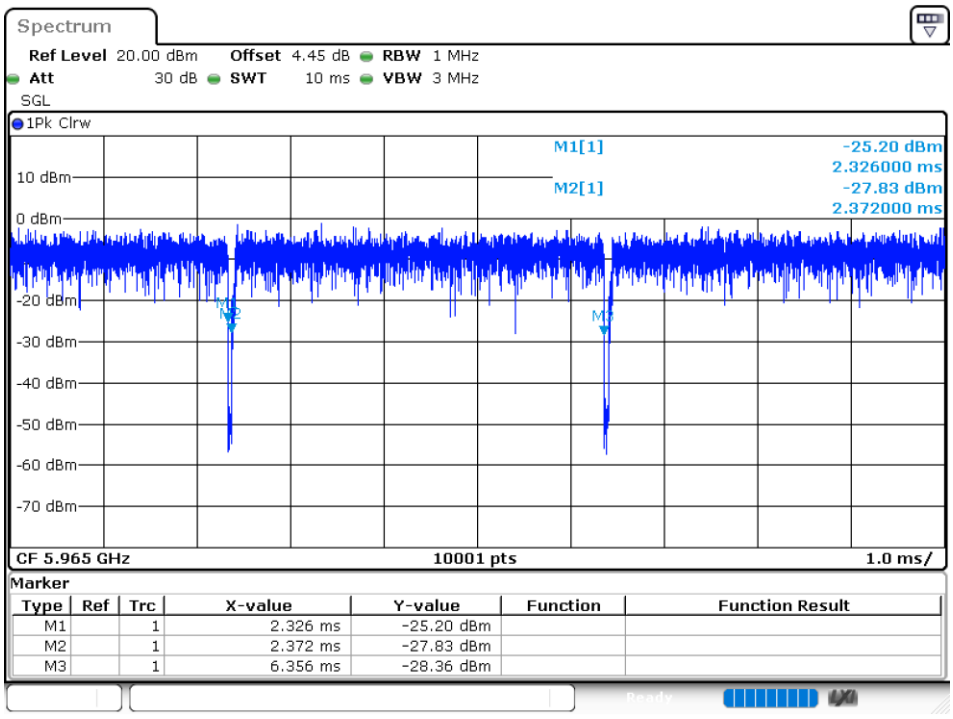
Duty Cycle NVNT ax20 6175MHz Ant2



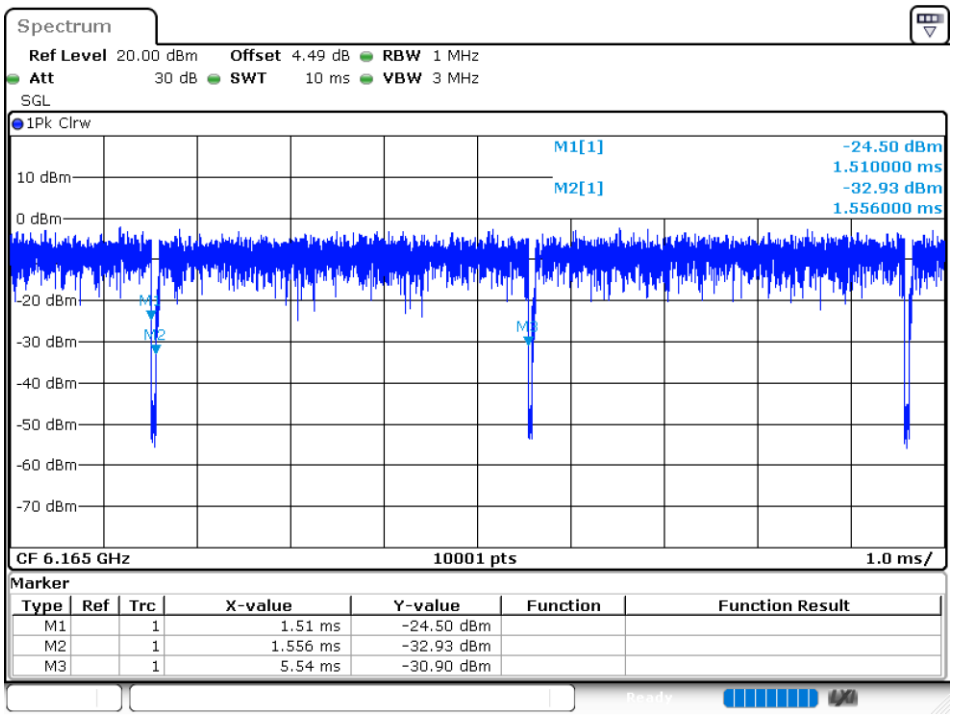
Duty Cycle NVNT ax20 6415MHz Ant2



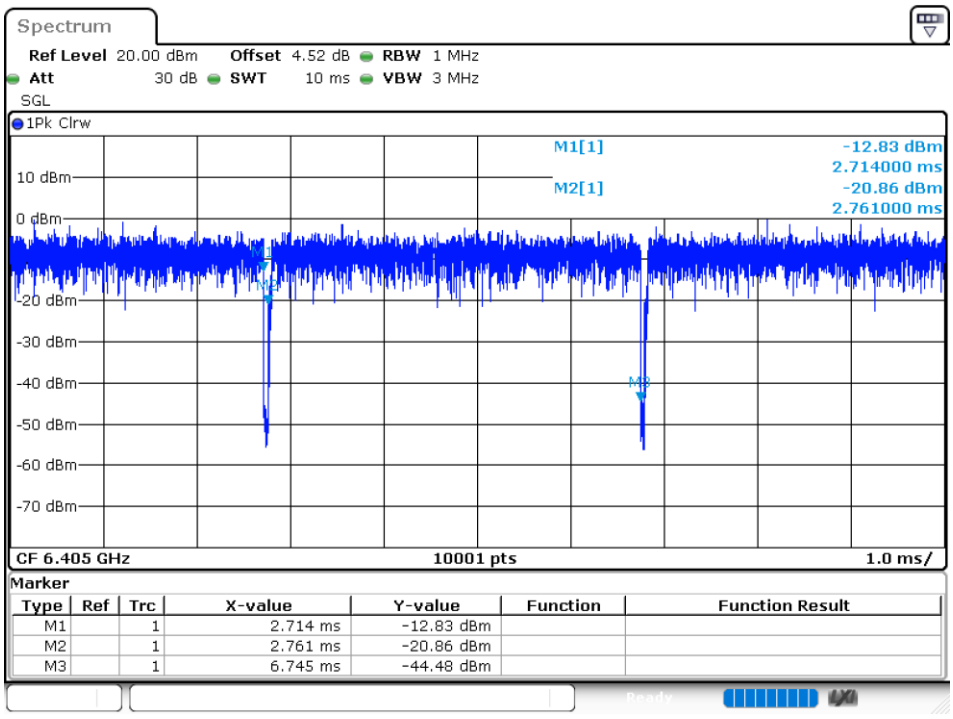
Duty Cycle NVNT ax40 5965MHz Ant1



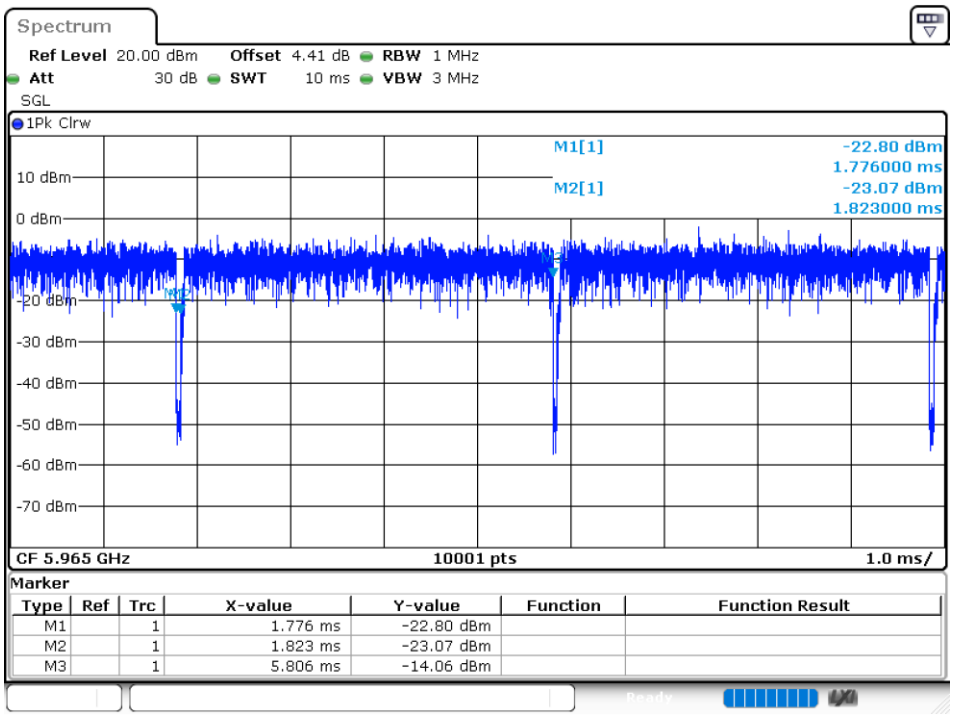
Duty Cycle NVNT ax40 6165MHz Ant1



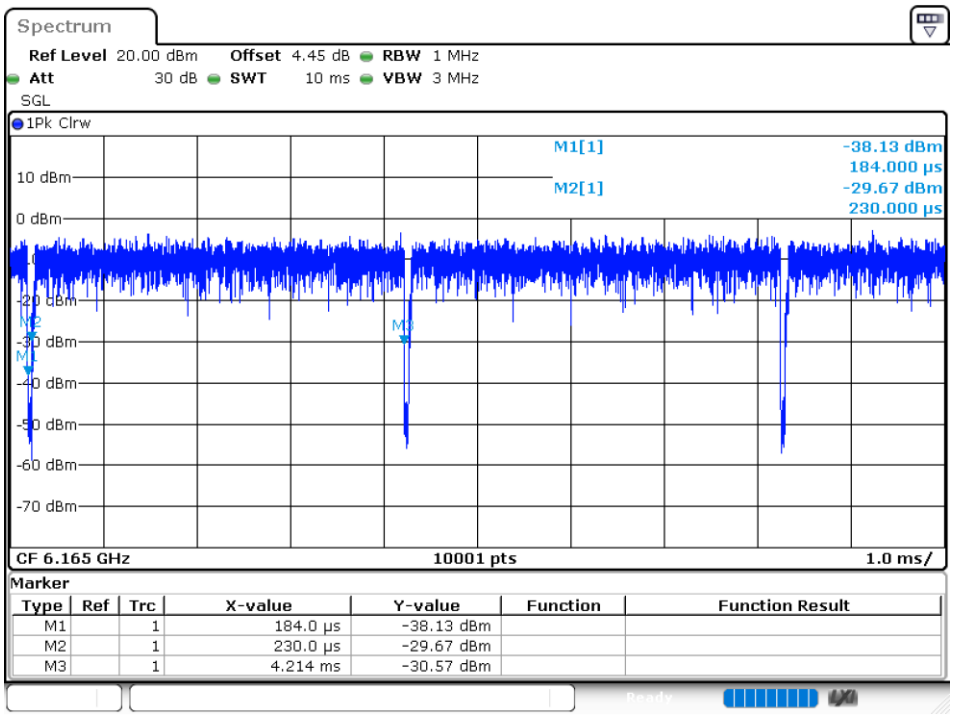
Duty Cycle NVNT ax40 6405MHz Ant1



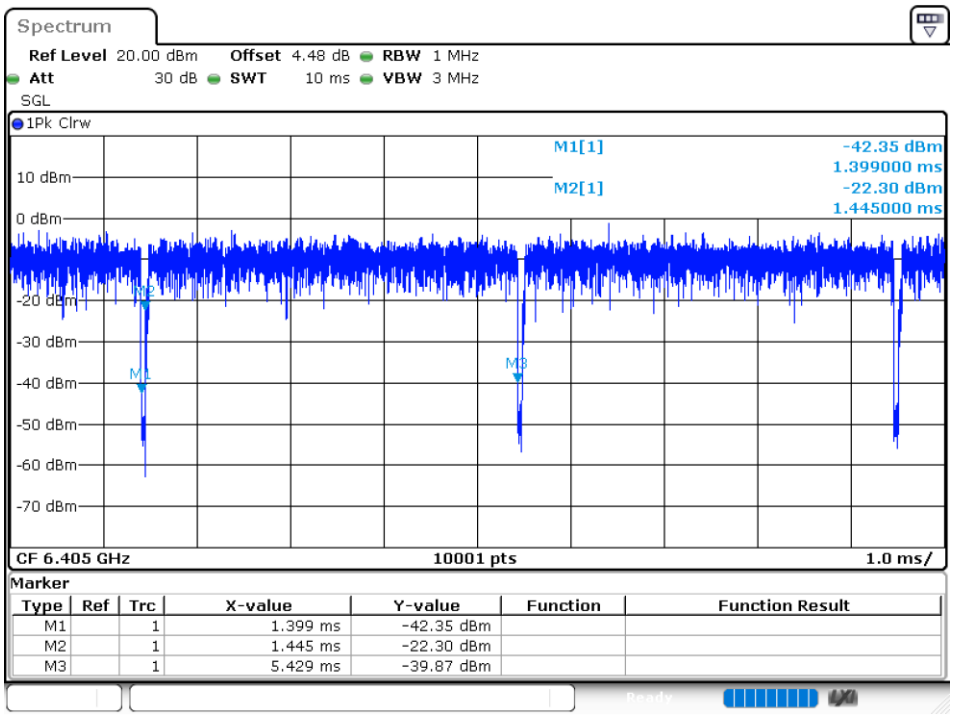
Duty Cycle NVNT ax40 5965MHz Ant2



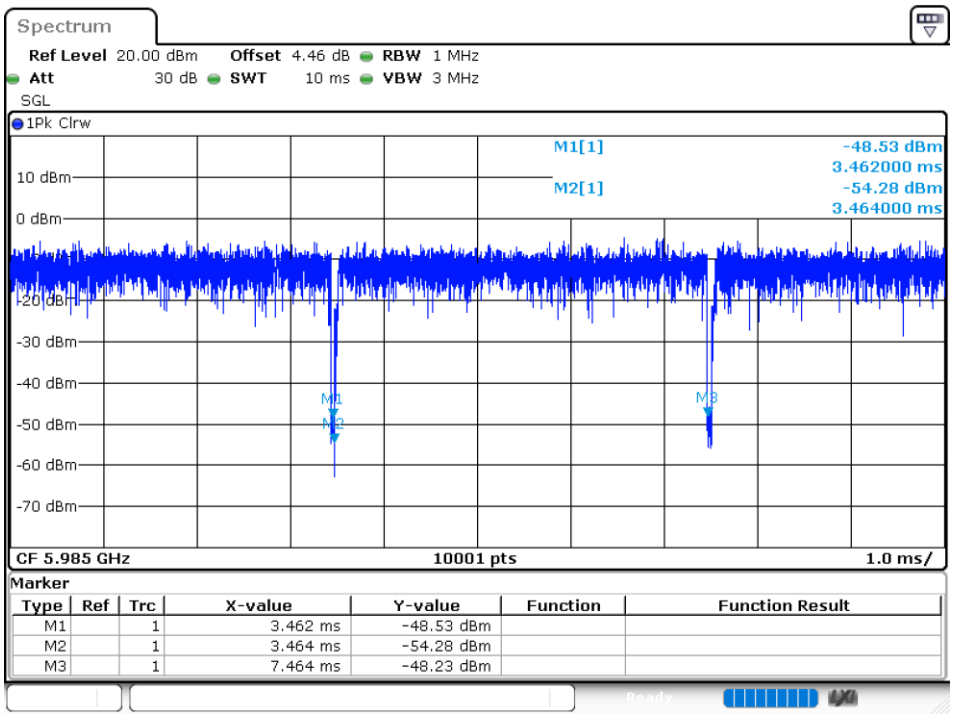
Duty Cycle NVNT ax40 6165MHz Ant2



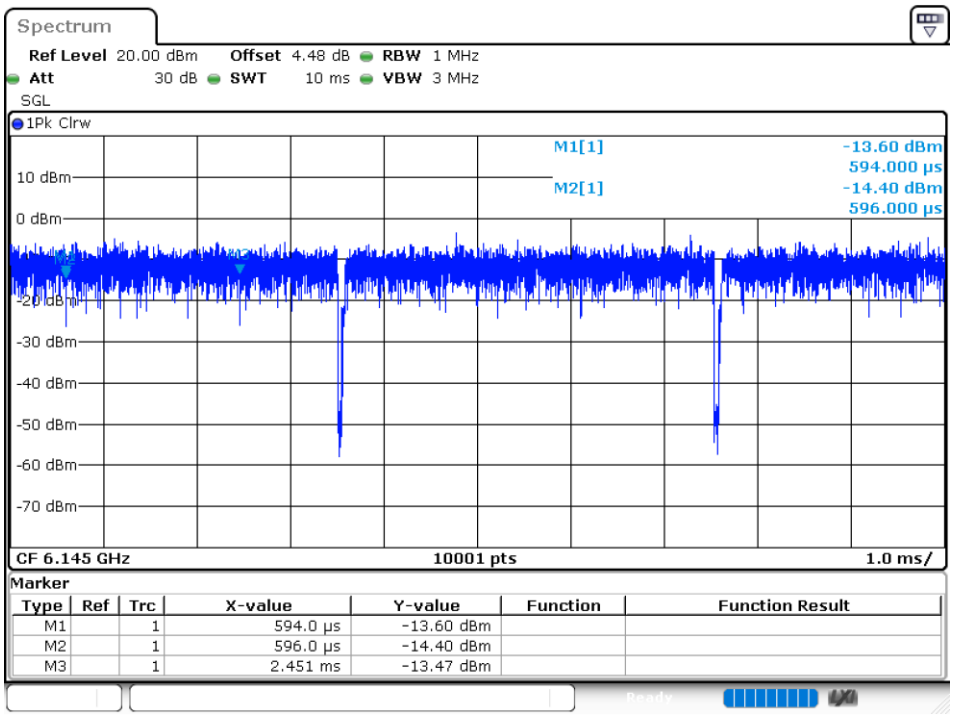
Duty Cycle NVNT ax40 6405MHz Ant2



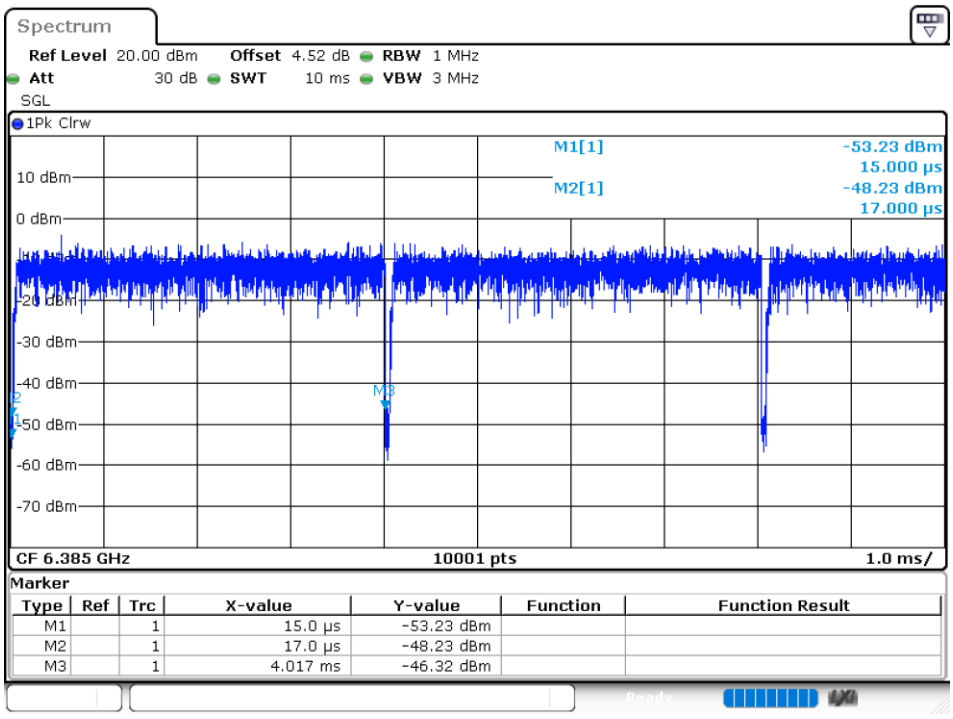
Duty Cycle NVNT ax80 5985MHz Ant1



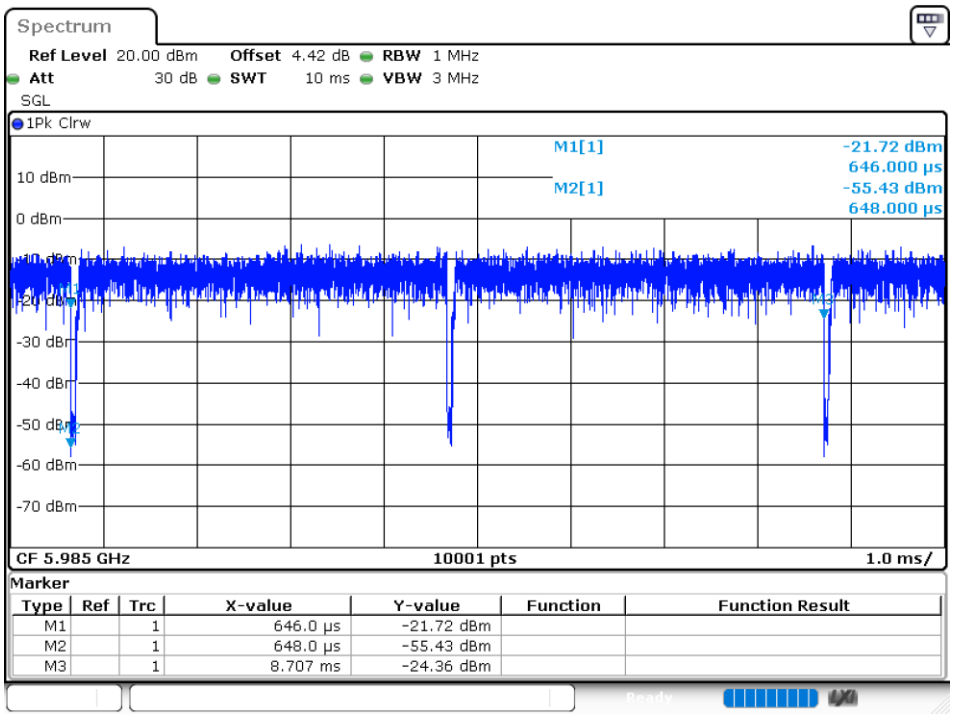
Duty Cycle NVNT ax80 6145MHz Ant1



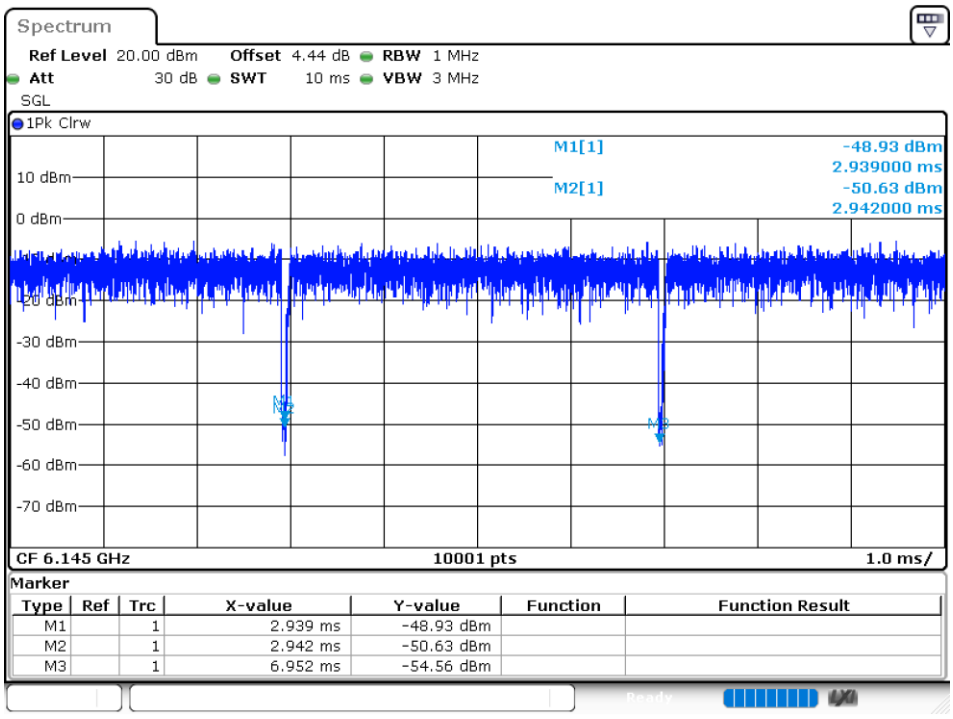
Duty Cycle NVNT ax80 6385MHz Ant1



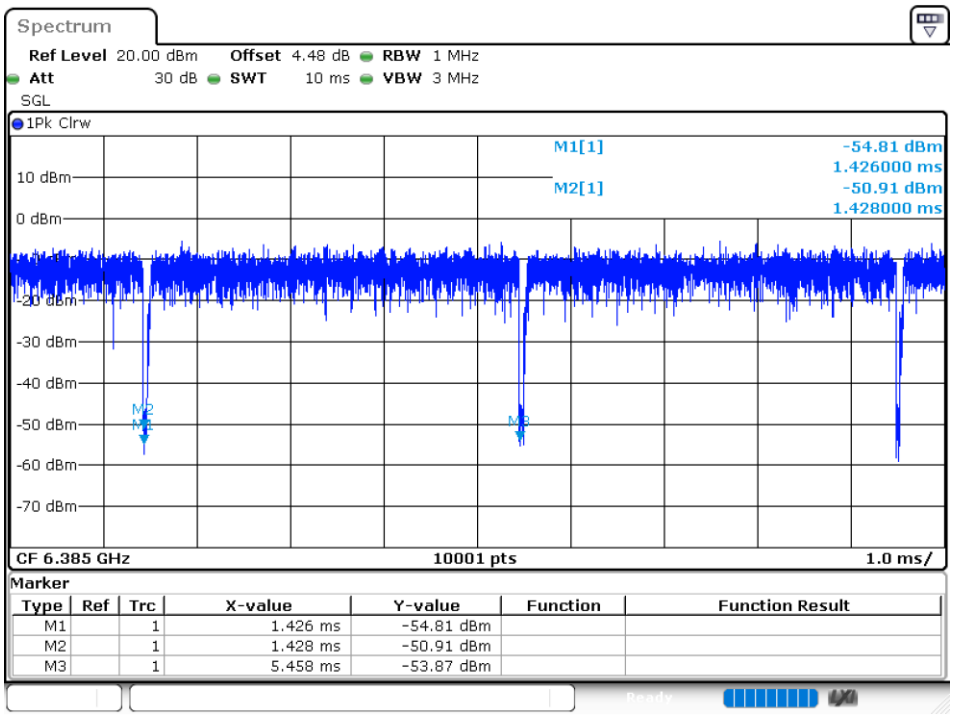
Duty Cycle NVNT ax80 5985MHz Ant2



Duty Cycle NVNT ax80 6145MHz Ant2



Duty Cycle NVNT ax80 6385MHz Ant2



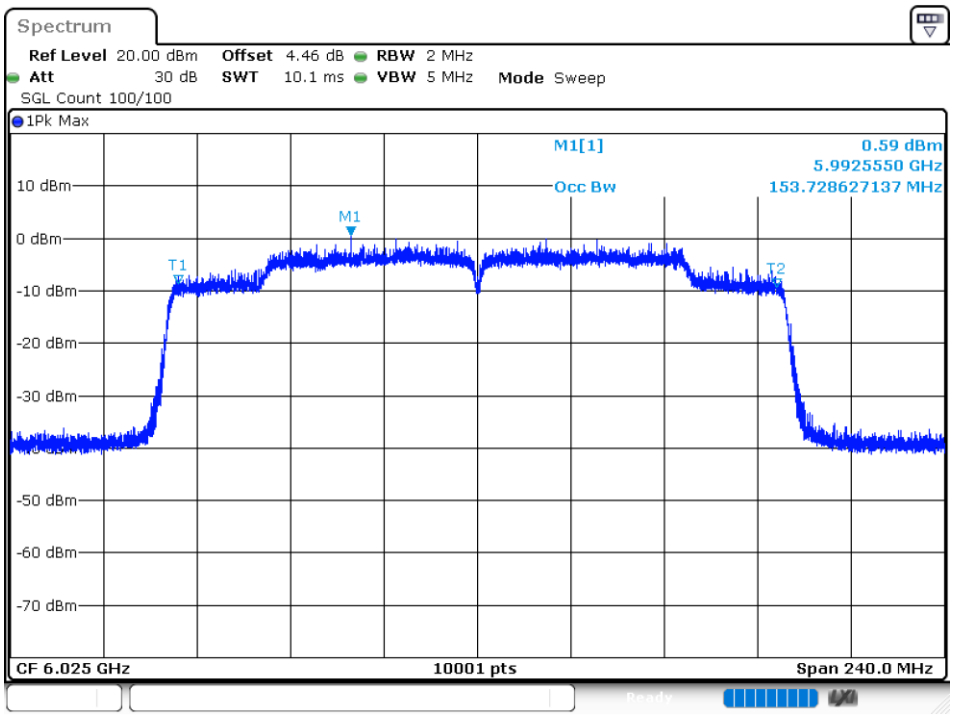
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	6.59	4.9	11.49	24	Pass
NVNT	ax160	6185	Ant1	6.47	4.9	11.37	24	Pass
NVNT	ax160	6345	Ant1	6.35	4.9	11.25	24	Pass
NVNT	ax160	6025	Ant2	5.65	4.81	10.46	24	Pass
NVNT	ax160	6185	Ant2	6.45	4.81	11.26	24	Pass
NVNT	ax160	6345	Ant2	6.61	4.81	11.42	24	Pass
NVNT	ax20	5955	Ant1	6.57	4.9	11.47	24	Pass
NVNT	ax20	6175	Ant1	6.73	4.9	11.63	24	Pass
NVNT	ax20	6415	Ant1	6.23	4.9	11.13	24	Pass
NVNT	ax20	5955	Ant2	4.94	4.81	9.75	24	Pass
NVNT	ax20	6175	Ant2	5.67	4.81	10.48	24	Pass
NVNT	ax20	6415	Ant2	5.96	4.81	10.77	24	Pass
NVNT	ax40	5965	Ant1	6.76	4.9	11.66	24	Pass
NVNT	ax40	6165	Ant1	6.64	4.9	11.54	24	Pass
NVNT	ax40	6405	Ant1	6.58	4.9	11.48	24	Pass
NVNT	ax40	5965	Ant2	5.5	4.81	10.31	24	Pass
NVNT	ax40	6165	Ant2	6.11	4.81	10.92	24	Pass
NVNT	ax40	6405	Ant2	6.48	4.81	11.29	24	Pass
NVNT	ax80	5985	Ant1	5.91	4.9	10.81	24	Pass
NVNT	ax80	6145	Ant1	5.68	4.9	10.58	24	Pass
NVNT	ax80	6385	Ant1	5.94	4.9	10.84	24	Pass
NVNT	ax80	5985	Ant2	5.38	4.81	10.19	24	Pass
NVNT	ax80	6145	Ant2	5.89	4.81	10.7	24	Pass
NVNT	ax80	6385	Ant2	6.27	4.81	11.08	24	Pass

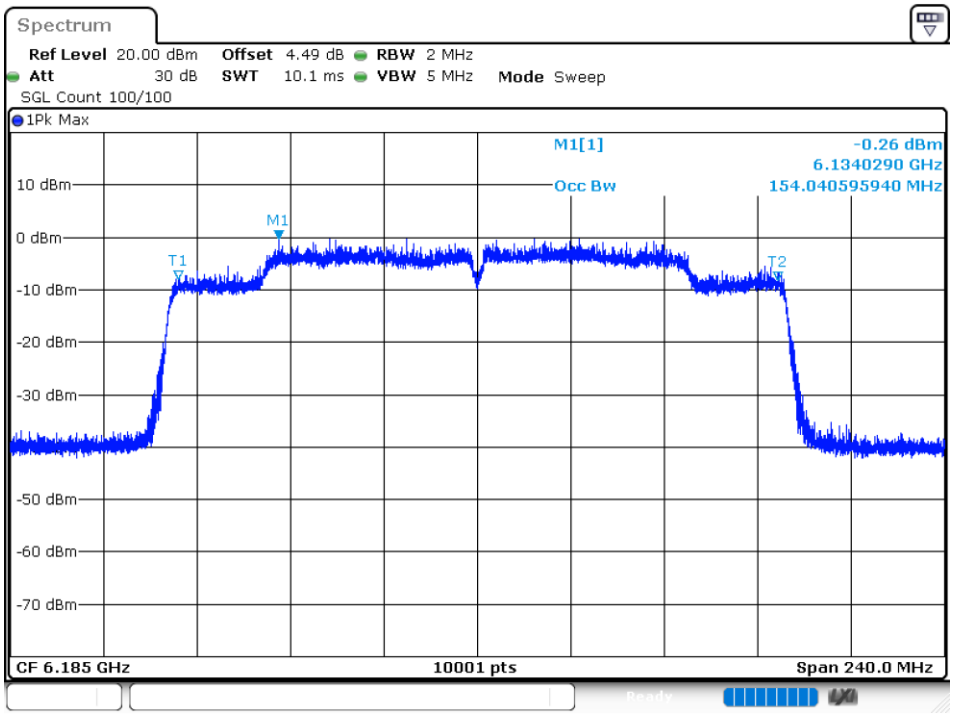
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6025	Ant1	153.729
NVNT	ax160	6185	Ant1	154.041
NVNT	ax160	6345	Ant1	153.777
NVNT	ax160	6025	Ant2	154.017
NVNT	ax160	6185	Ant2	153.369
NVNT	ax160	6345	Ant2	154.473
NVNT	ax20	5955	Ant1	19.036
NVNT	ax20	6175	Ant1	19.06
NVNT	ax20	6415	Ant1	19.06
NVNT	ax20	5955	Ant2	19.084
NVNT	ax20	6175	Ant2	19.06
NVNT	ax20	6415	Ant2	19.042
NVNT	ax40	5965	Ant1	37.718
NVNT	ax40	6165	Ant1	37.964
NVNT	ax40	6405	Ant1	37.832
NVNT	ax40	5965	Ant2	37.862
NVNT	ax40	6165	Ant2	37.856
NVNT	ax40	6405	Ant2	37.868
NVNT	ax80	5985	Ant1	76.564
NVNT	ax80	6145	Ant1	76.708
NVNT	ax80	6385	Ant1	76.66
NVNT	ax80	5985	Ant2	76.744
NVNT	ax80	6145	Ant2	76.552
NVNT	ax80	6385	Ant2	76.768

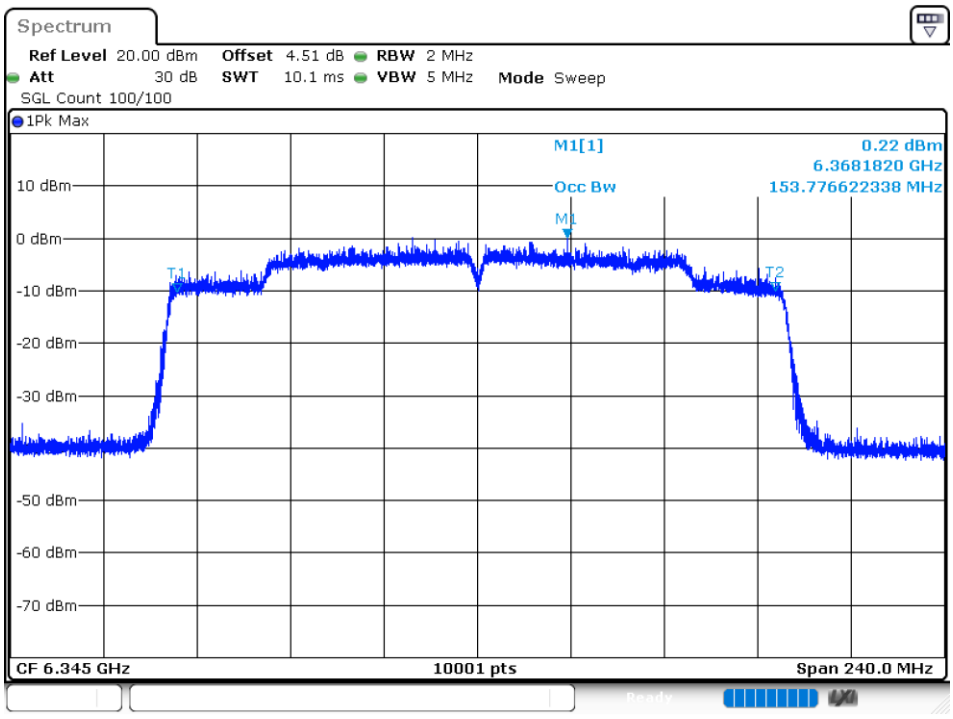
Test Graphs
OBW NVNT ax160 6025MHz Ant1



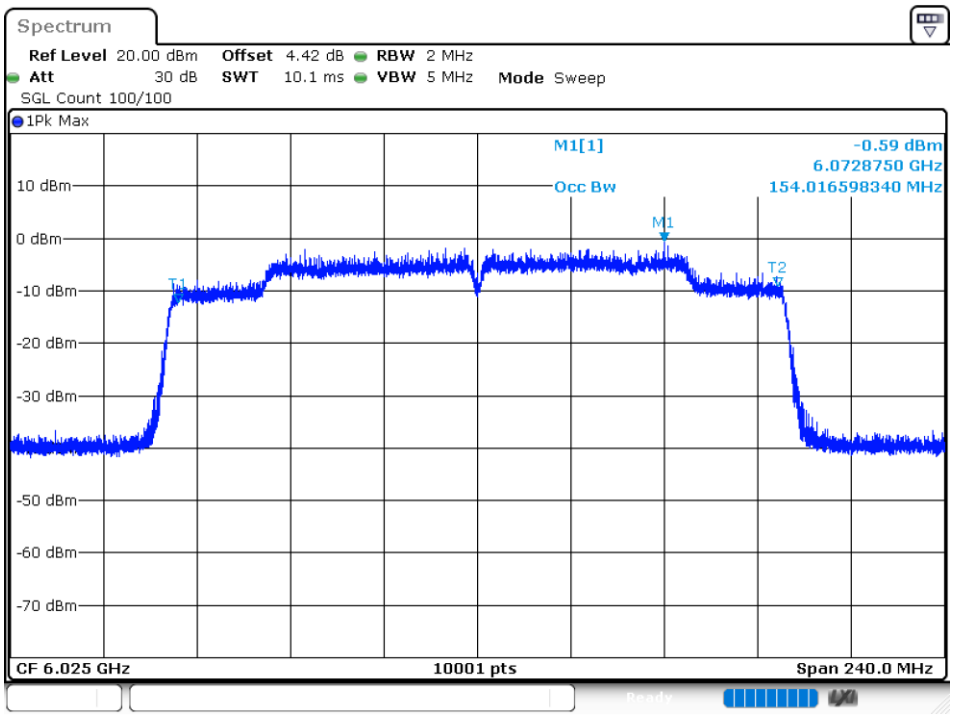
OBW NVNT ax160 6185MHz Ant1



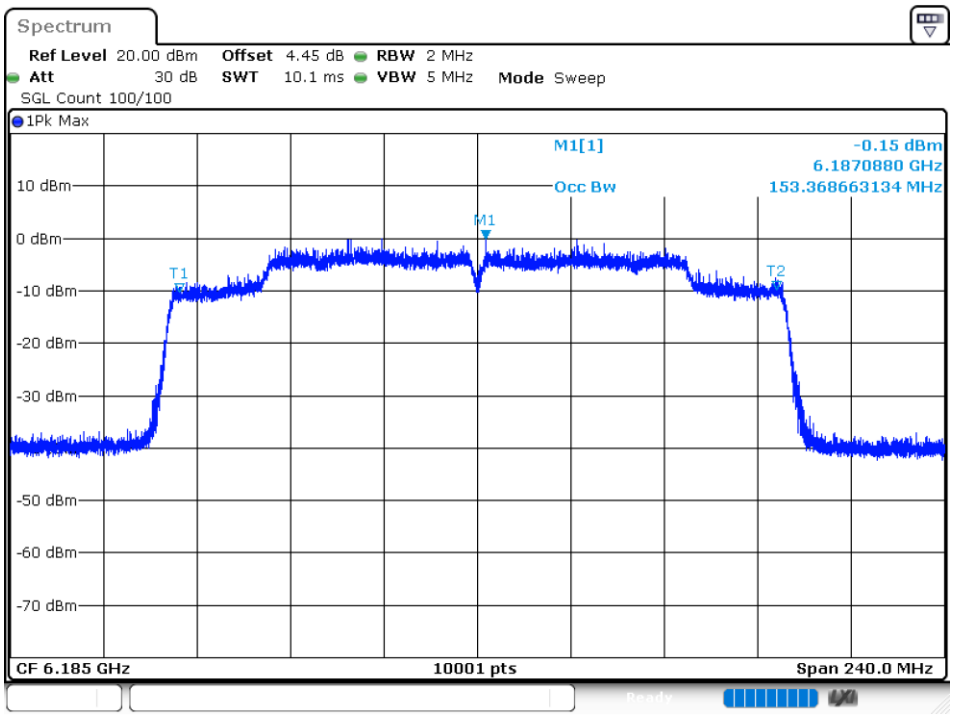
OBW NVNT ax160 6345MHz Ant1



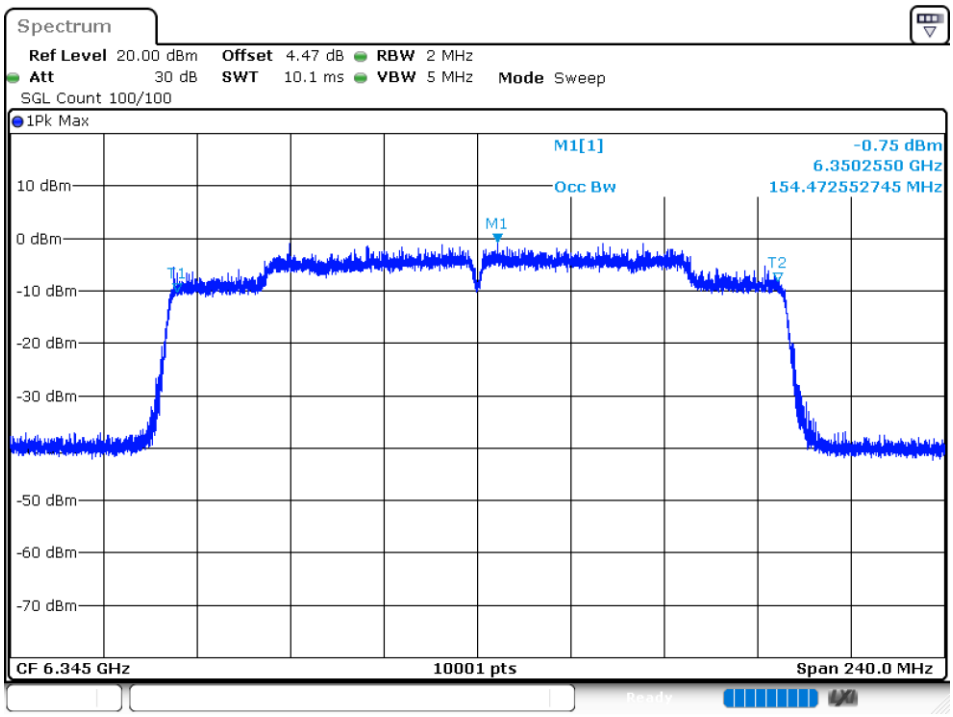
OBW NVNT ax160 6025MHz Ant2



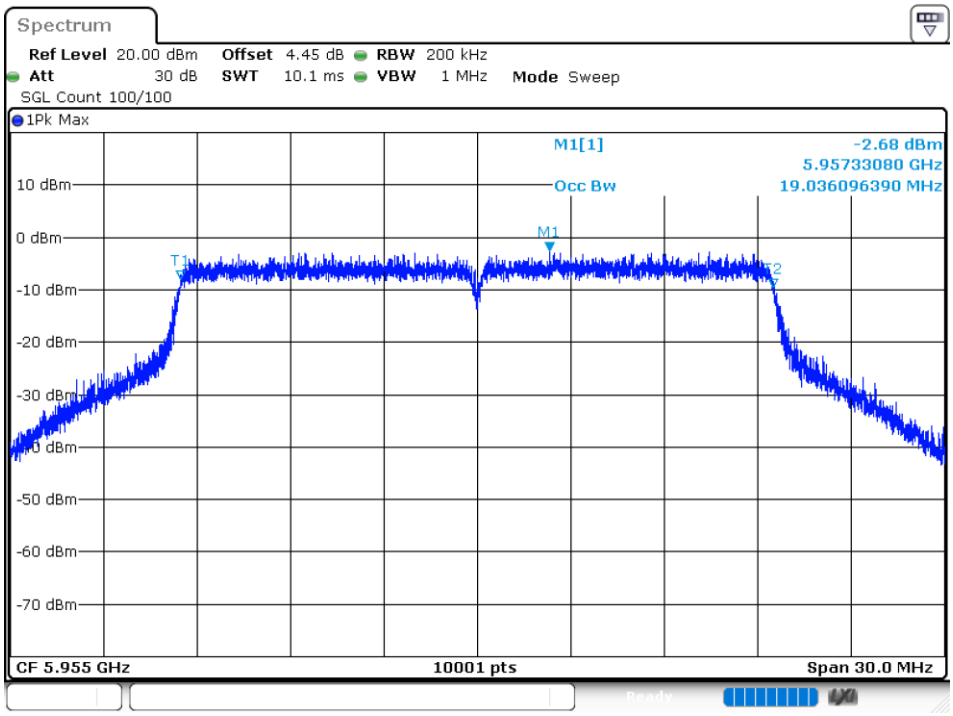
OBW NVNT ax160 6185MHz Ant2



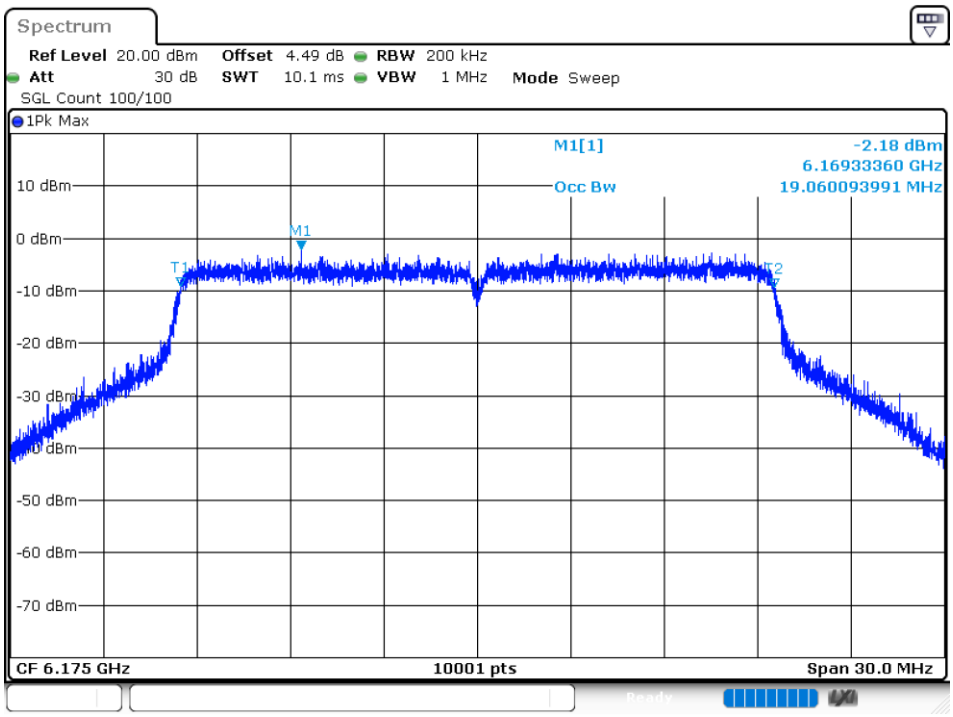
OBW NVNT ax160 6345MHz Ant2



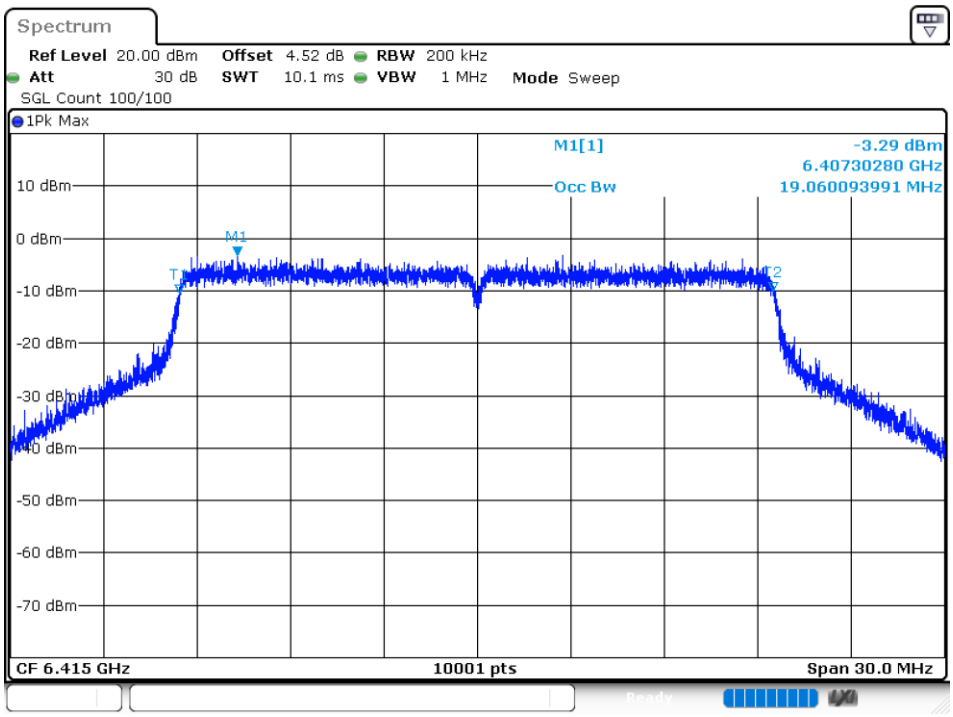
OBW NVNT ax20 5955MHz Ant1



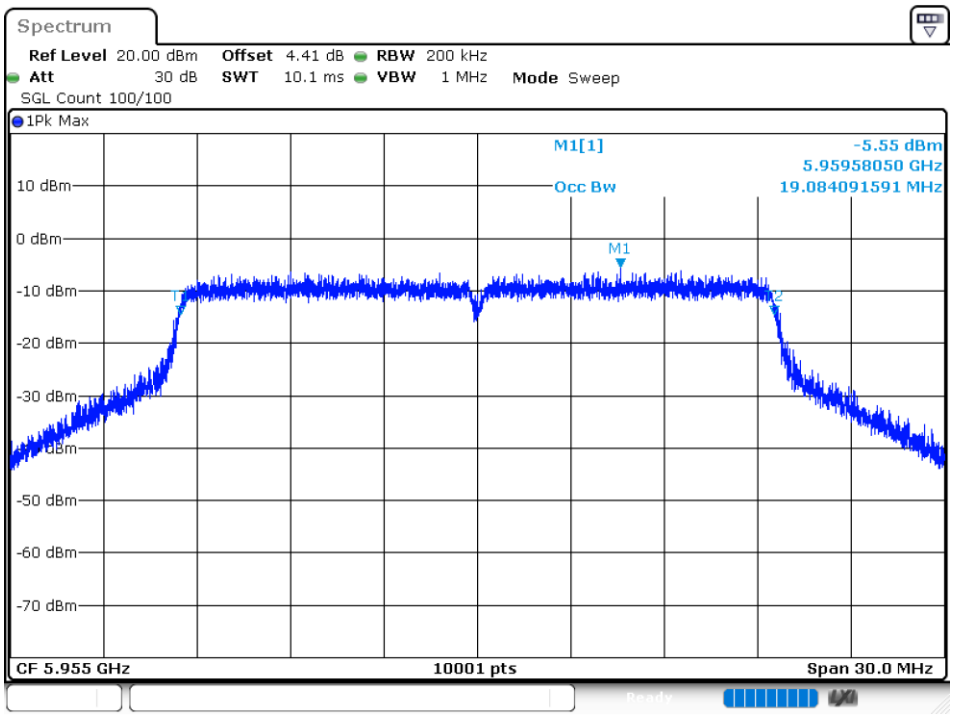
OBW NVNT ax20 6175MHz Ant1



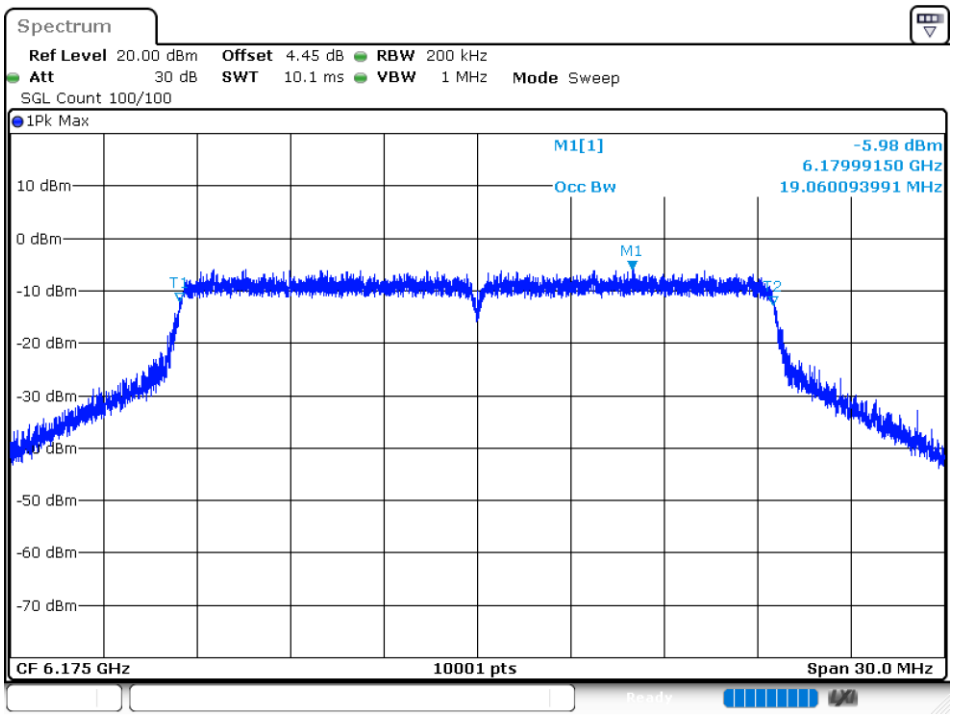
OBW NVNT ax20 6415MHz Ant1



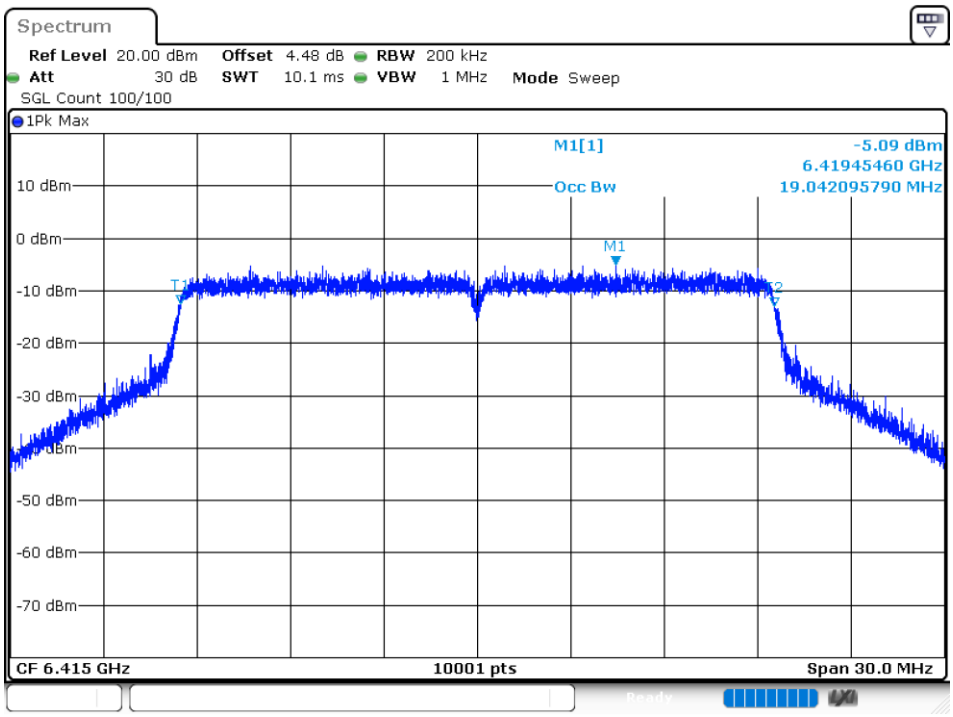
OBW NVNT ax20 5955MHz Ant2



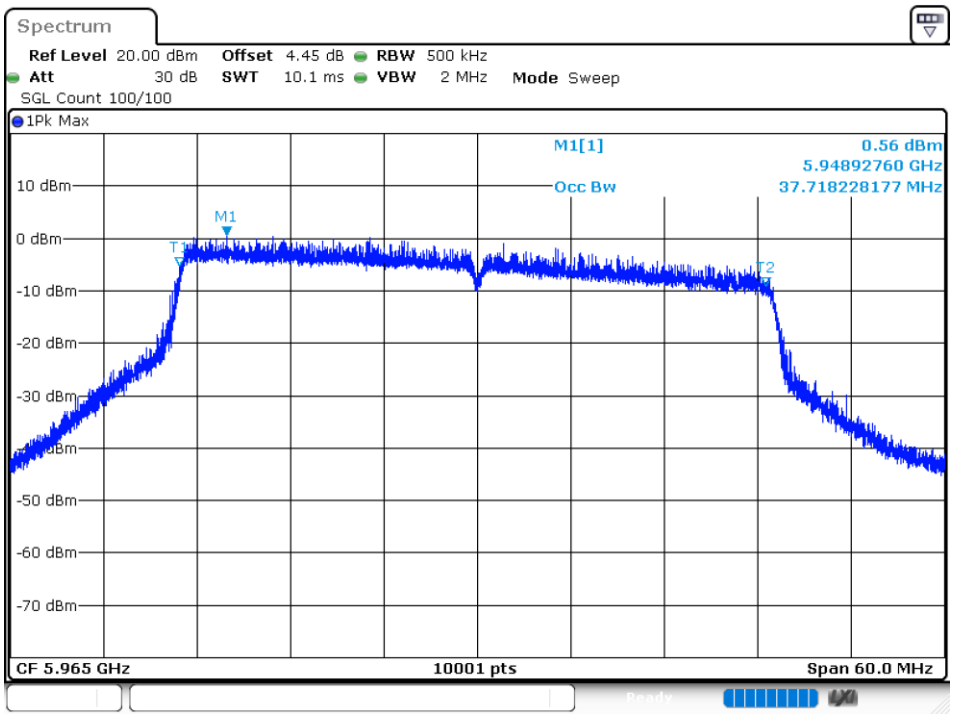
OBW NVNT ax20 6175MHz Ant2



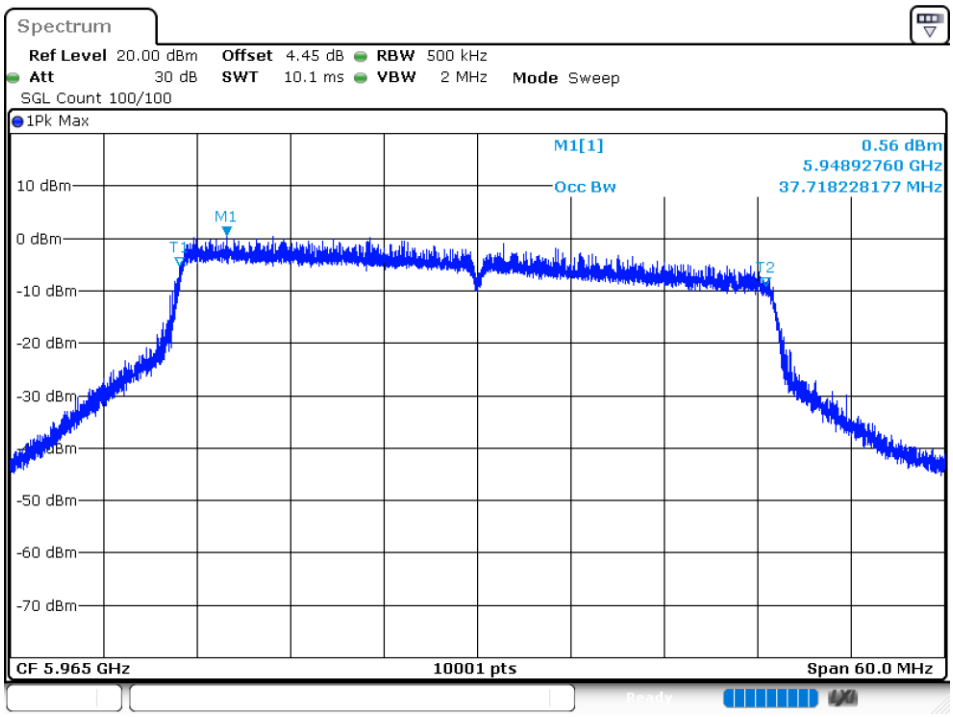
OBW NVNT ax20 6415MHz Ant2



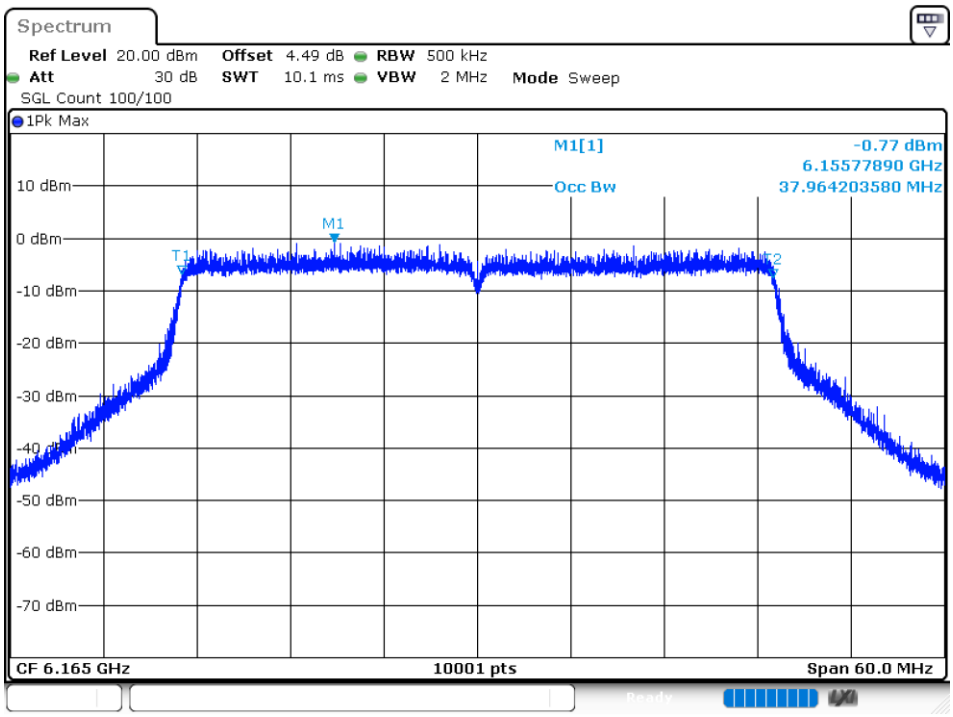
OBW NVNT ax40 5965MHz Ant1



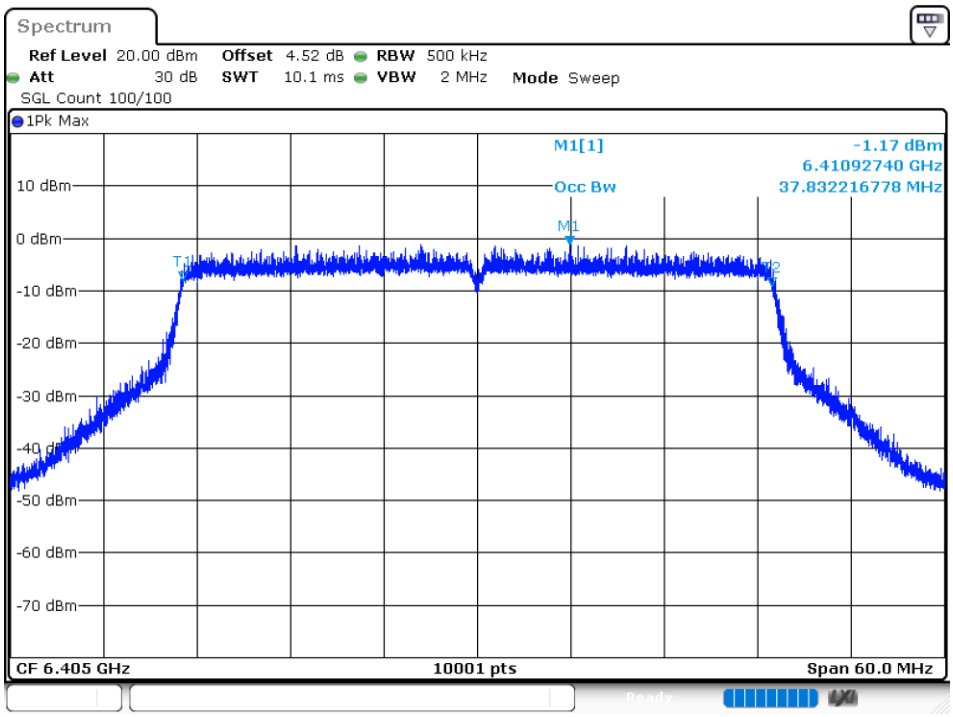
OBW NVNT ax40 5965MHz Ant1



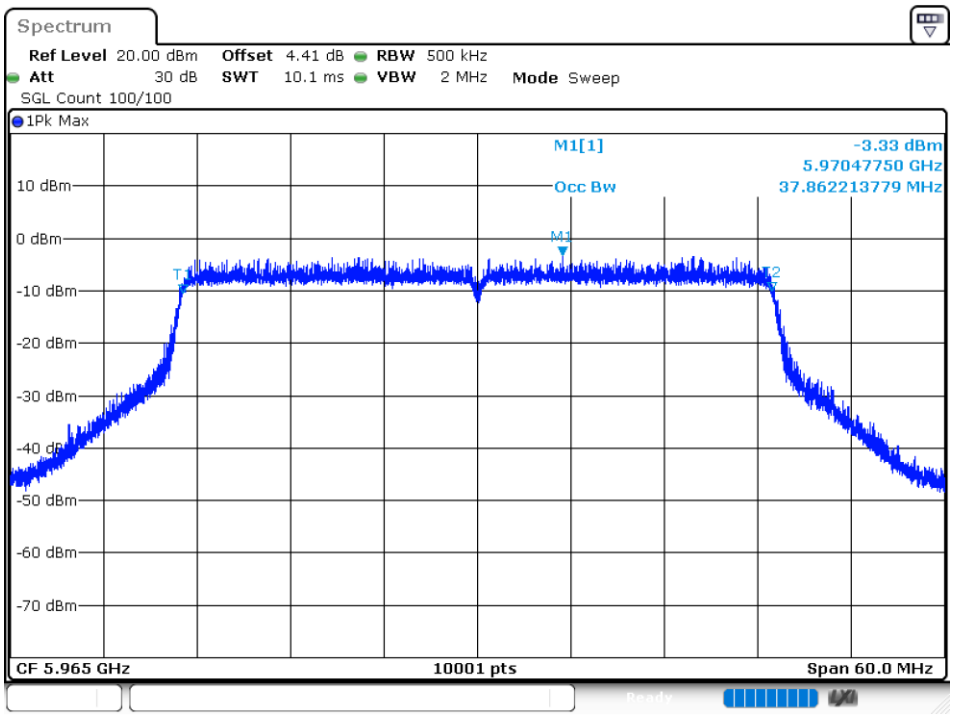
OBW NVNT ax40 6165MHz Ant1



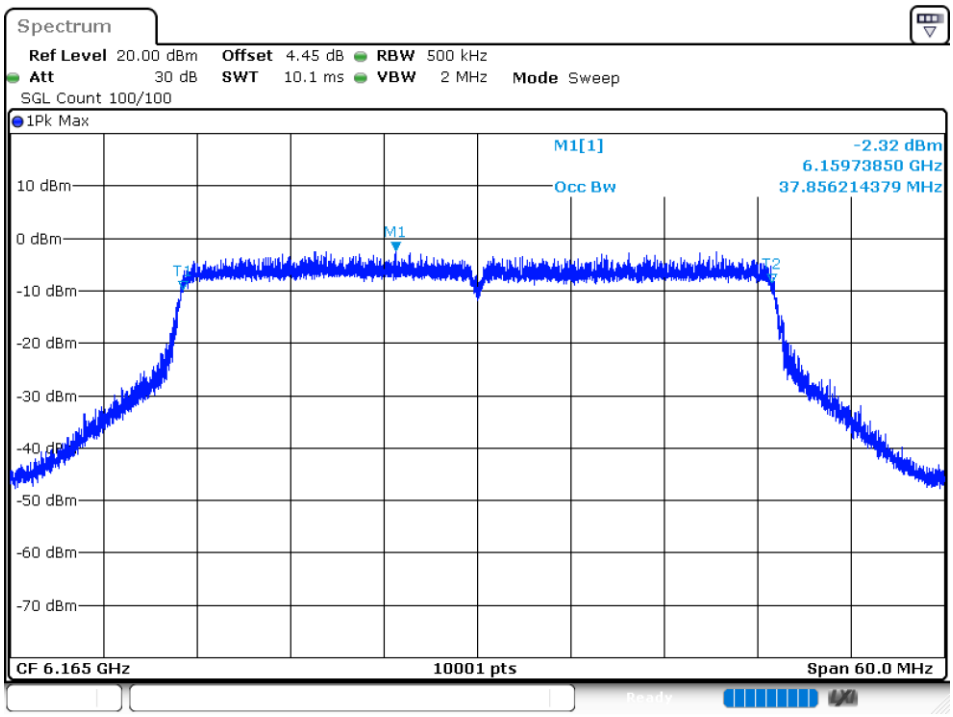
OBW NVNT ax40 6405MHz Ant1



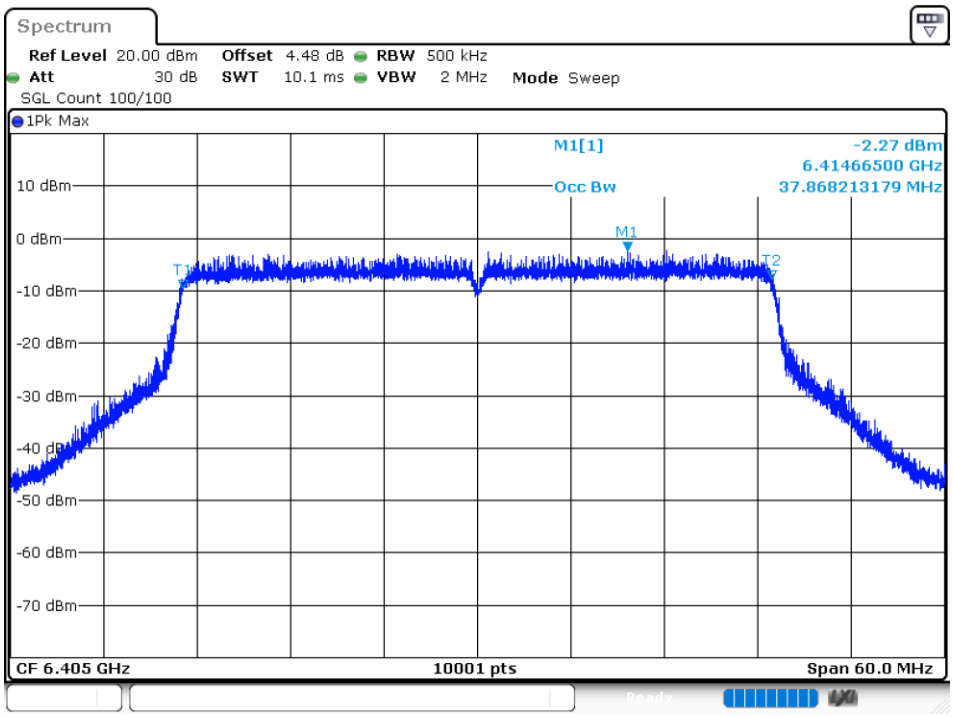
OBW NVNT ax40 5965MHz Ant2



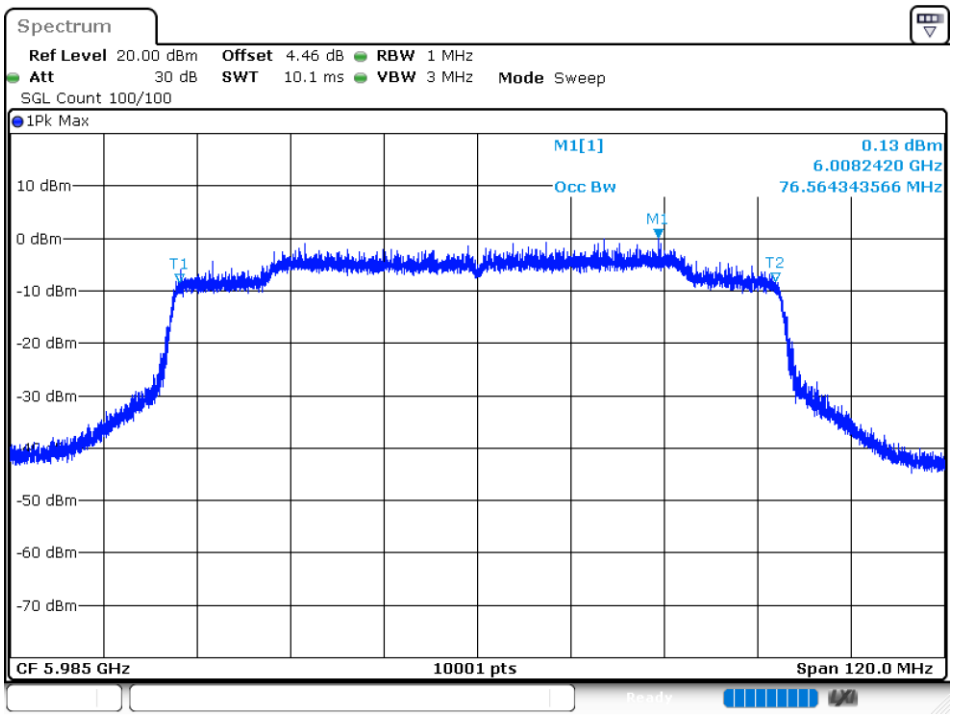
OBW NVNT ax40 6165MHz Ant2



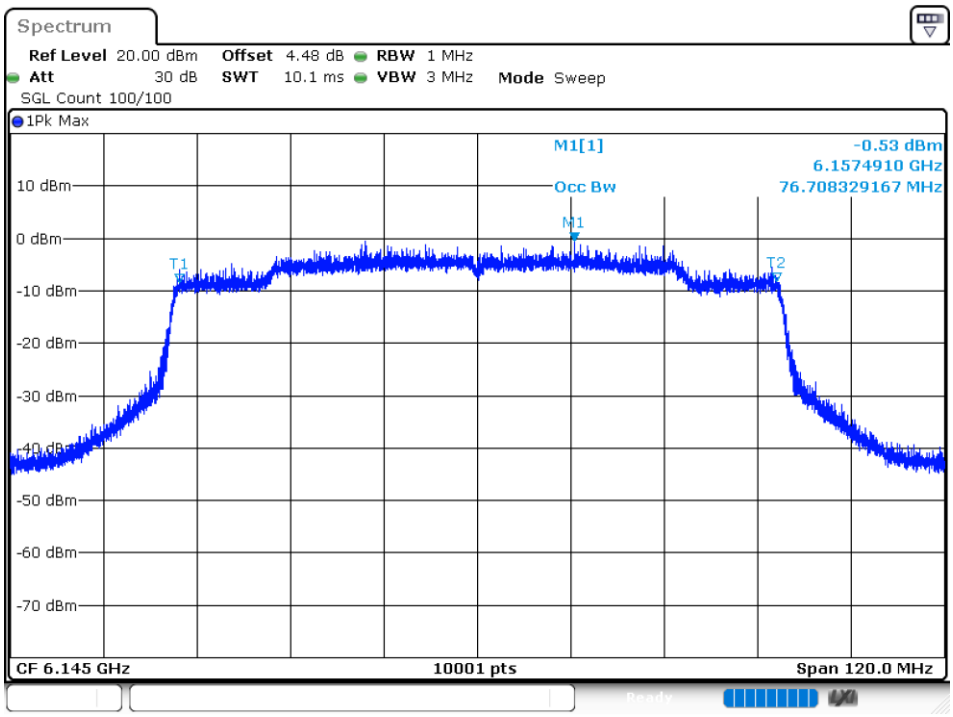
OBW NVNT ax40 6405MHz Ant2



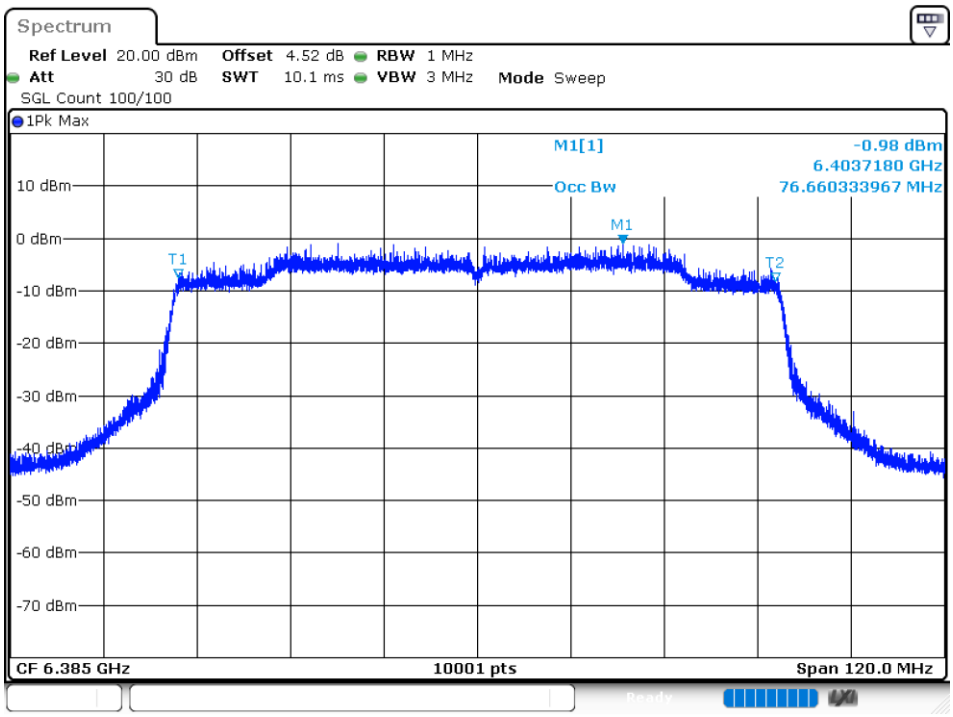
OBW NVNT ax80 5985MHz Ant1



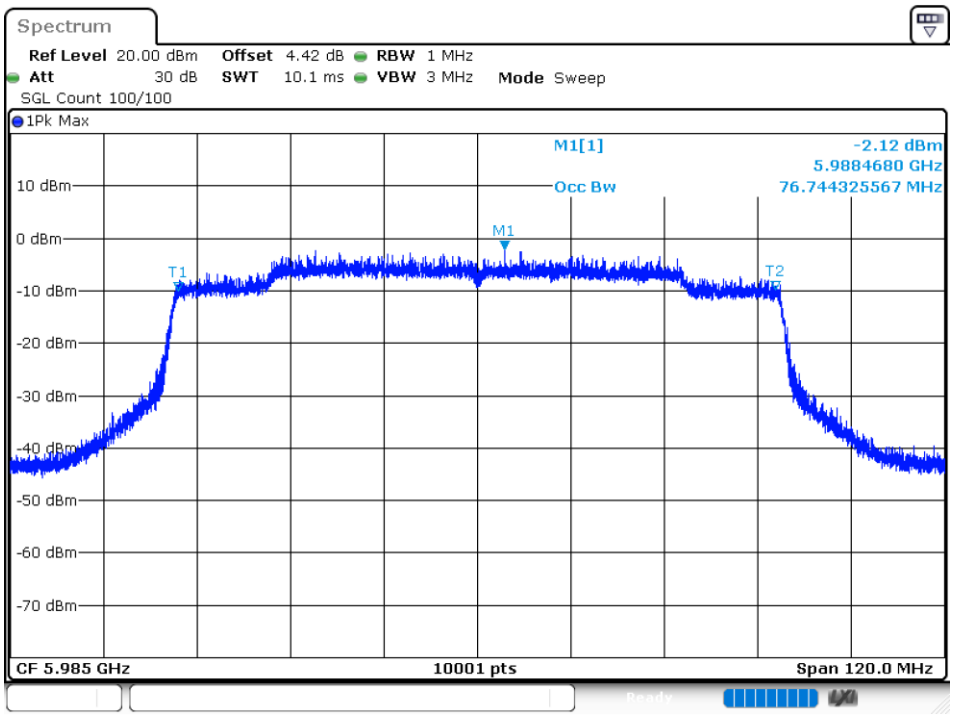
OBW NVNT ax80 6145MHz Ant1



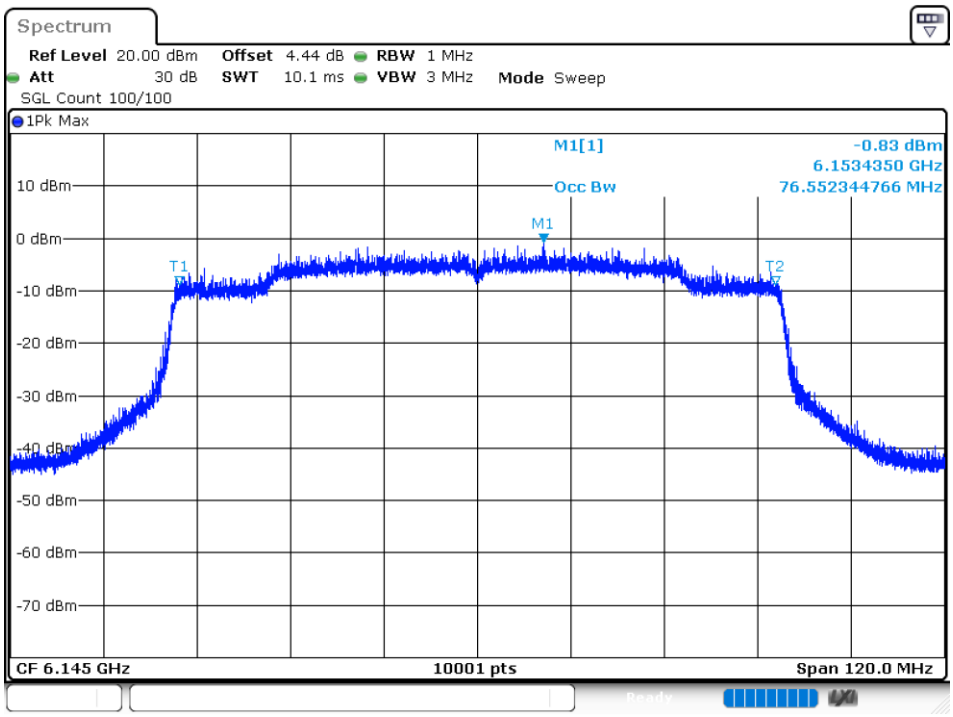
OBW NVNT ax80 6385MHz Ant1



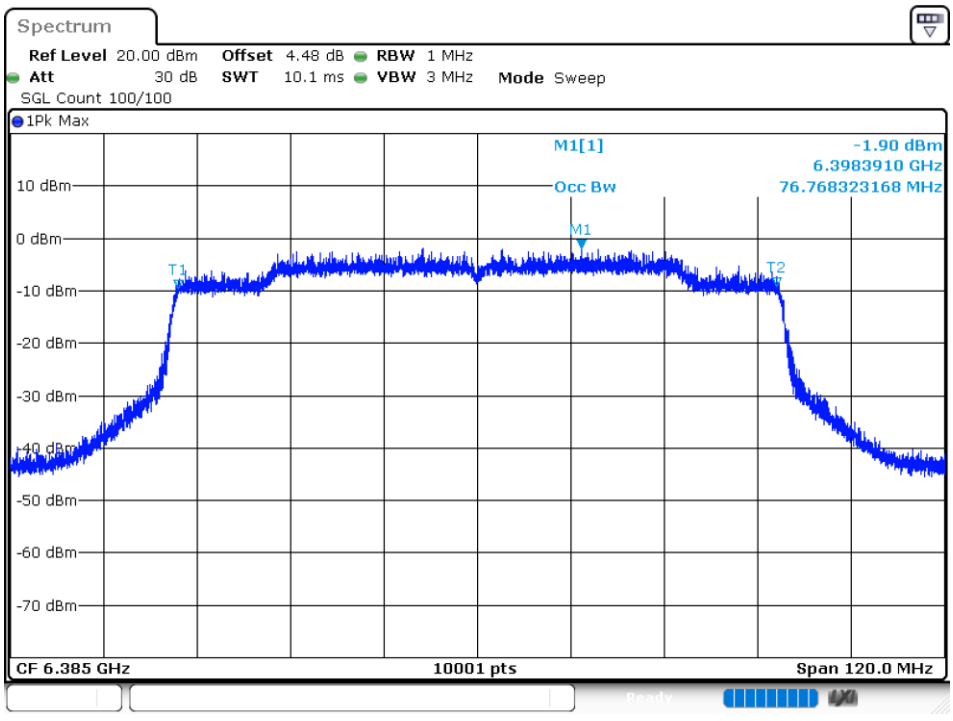
OBW NVNT ax80 5985MHz Ant2



OBW NVNT ax80 6145MHz Ant2



OBW NVNT ax80 6385MHz Ant2

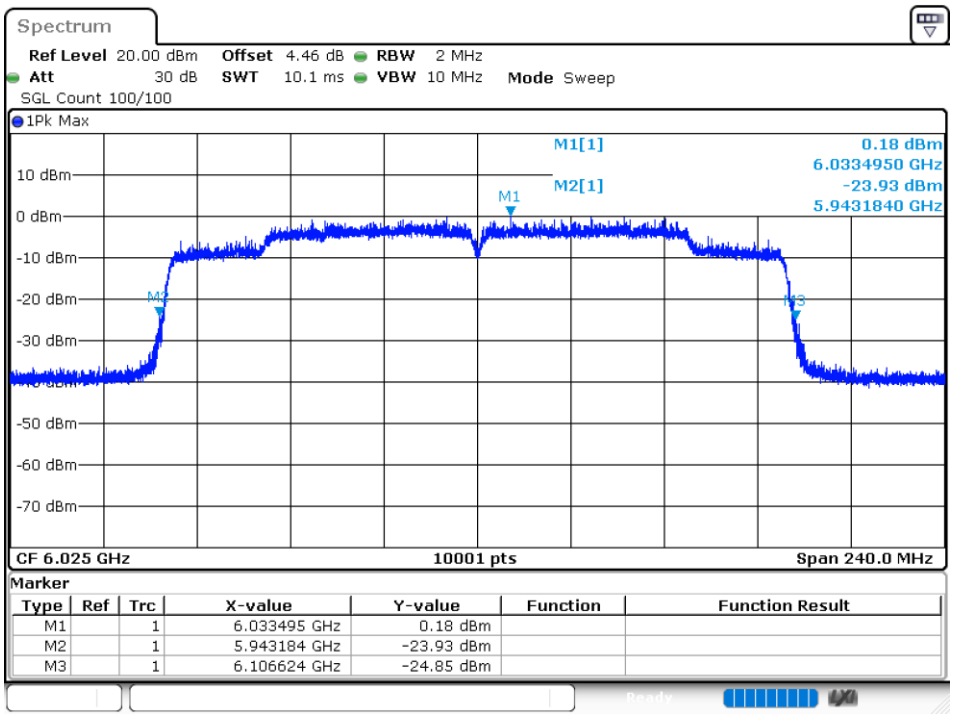


-26dB Bandwidth

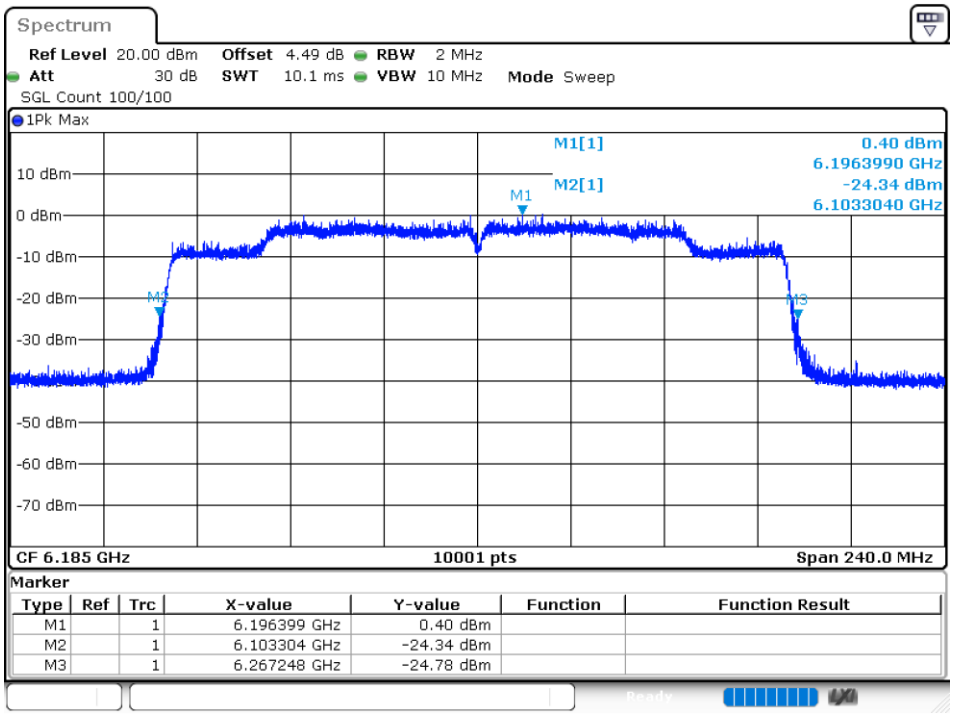
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6025	Ant1	163.44	0.5	Pass
NVNT	ax160	6185	Ant1	163.944	0.5	Pass
NVNT	ax160	6345	Ant1	163.896	0.5	Pass
NVNT	ax160	6025	Ant2	163.08	0.5	Pass
NVNT	ax160	6185	Ant2	163.512	0.5	Pass
NVNT	ax160	6345	Ant2	163.848	0.5	Pass
NVNT	ax20	5955	Ant1	24.486	0.5	Pass
NVNT	ax20	6175	Ant1	25.512	0.5	Pass
NVNT	ax20	6415	Ant1	24.969	0.5	Pass
NVNT	ax20	5955	Ant2	25.026	0.5	Pass
NVNT	ax20	6175	Ant2	26.043	0.5	Pass
NVNT	ax20	6415	Ant2	25.671	0.5	Pass
NVNT	ax40	5965	Ant1	43.422	0.5	Pass
NVNT	ax40	6165	Ant1	44.754	0.5	Pass
NVNT	ax40	6405	Ant1	44.778	0.5	Pass
NVNT	ax40	5965	Ant2	45.006	0.5	Pass
NVNT	ax40	6165	Ant2	45.288	0.5	Pass
NVNT	ax40	6405	Ant2	44.418	0.5	Pass
NVNT	ax80	5985	Ant1	83.172	0.5	Pass
NVNT	ax80	6145	Ant1	83.376	0.5	Pass
NVNT	ax80	6385	Ant1	85.068	0.5	Pass
NVNT	ax80	5985	Ant2	82.092	0.5	Pass
NVNT	ax80	6145	Ant2	82.308	0.5	Pass
NVNT	ax80	6385	Ant2	83.76	0.5	Pass

Test Graphs

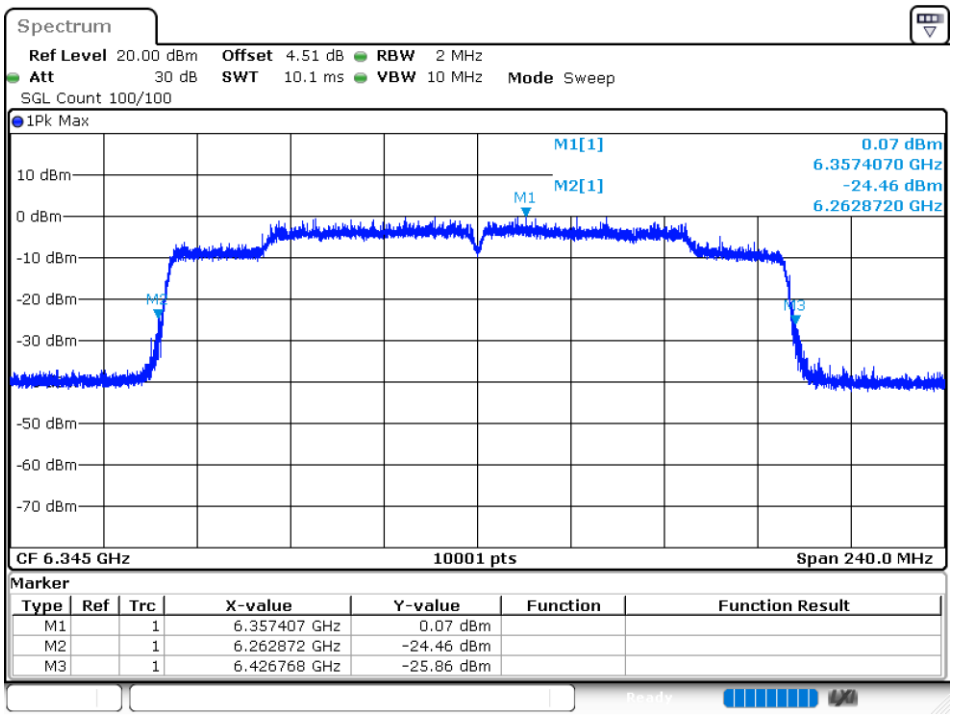
-26dB Bandwidth NVNT ax160 6025MHz Ant1



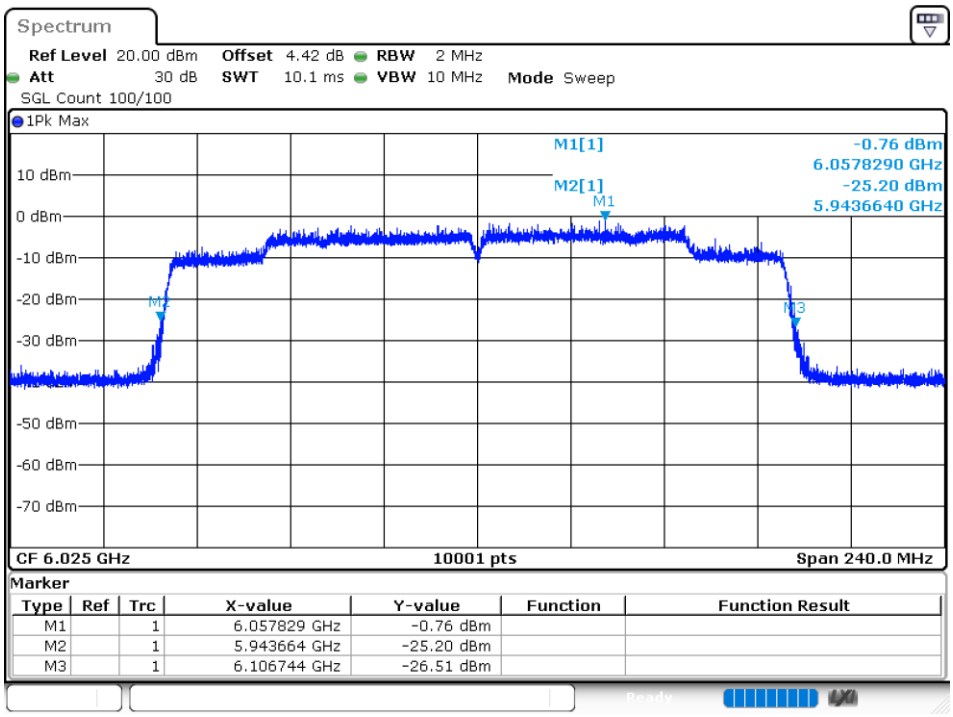
-26dB Bandwidth NVNT ax160 6185MHz Ant1



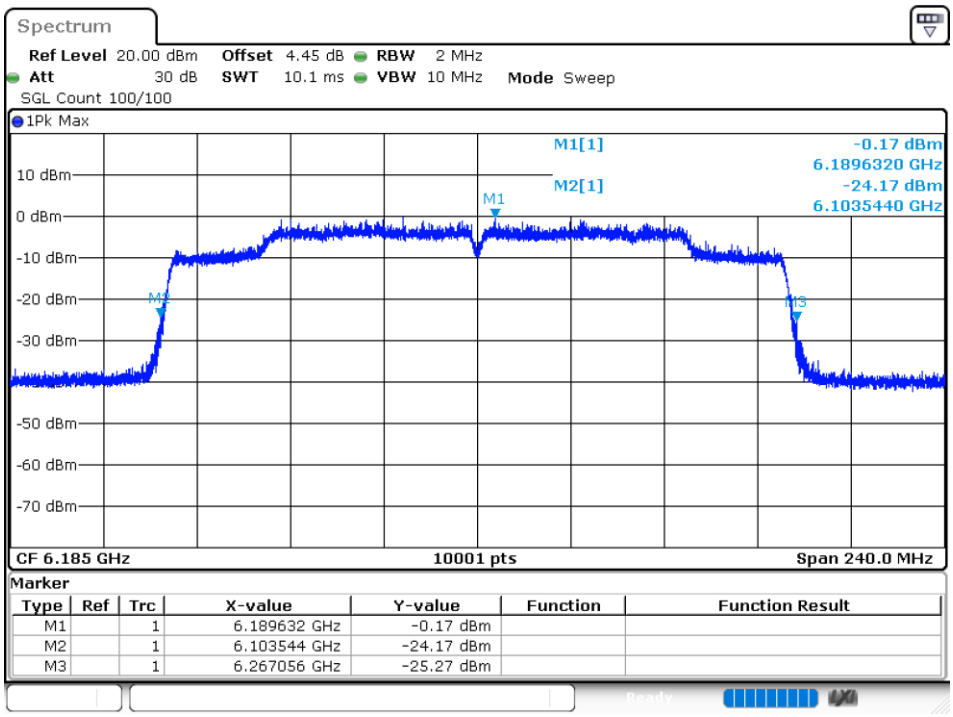
-26dB Bandwidth NVNT ax160 6345MHz Ant1



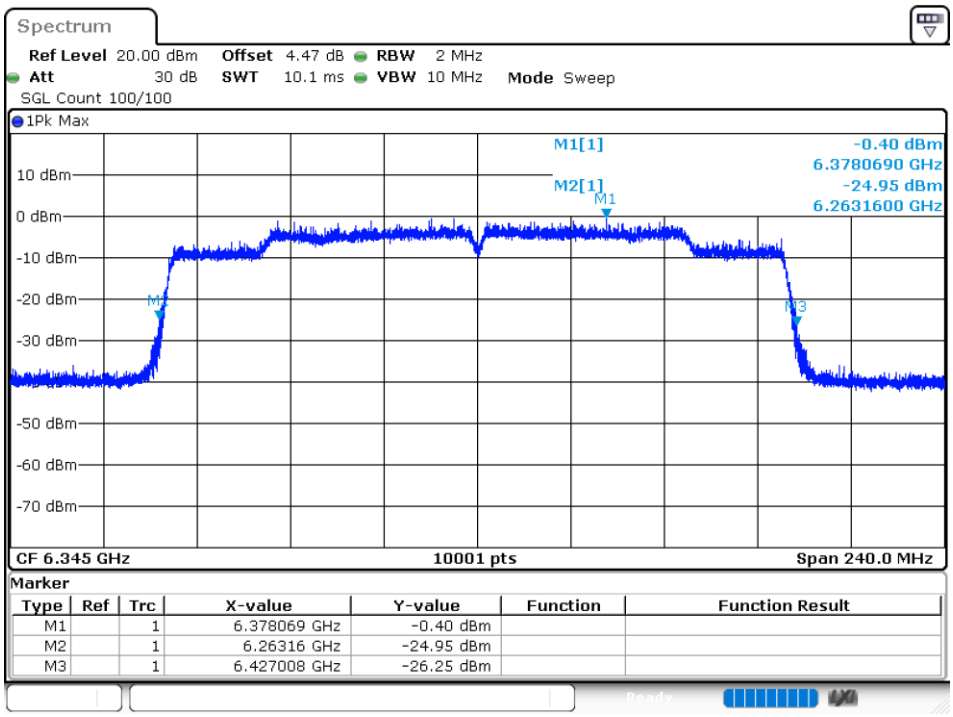
-26dB Bandwidth NVNT ax160 6025MHz Ant2



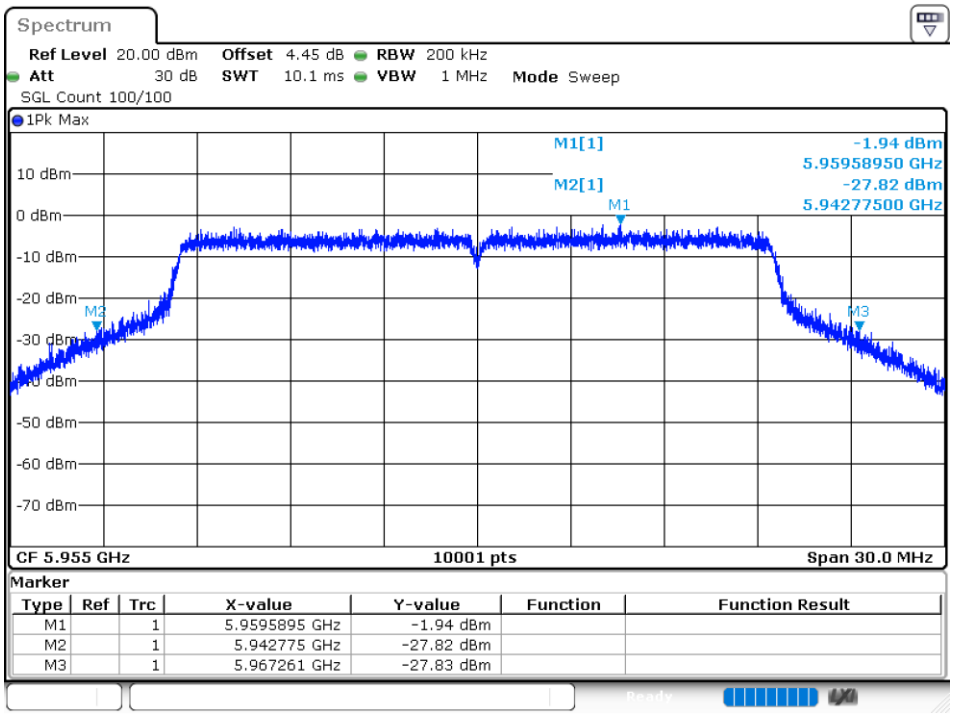
-26dB Bandwidth NVNT ax160 6185MHz Ant2



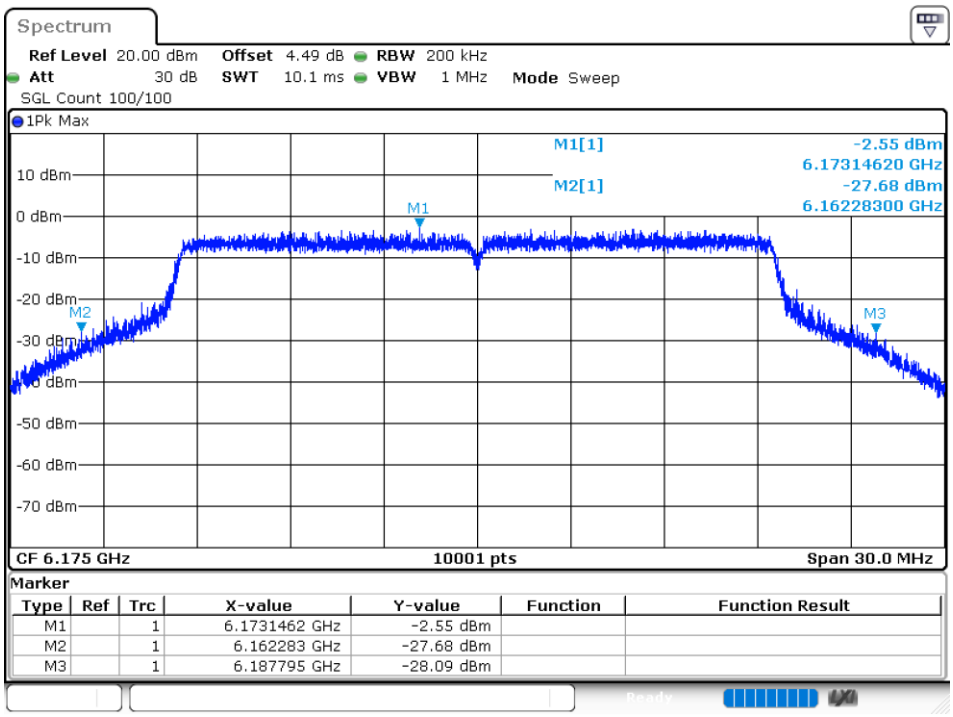
-26dB Bandwidth NVNT ax160 6345MHz Ant2



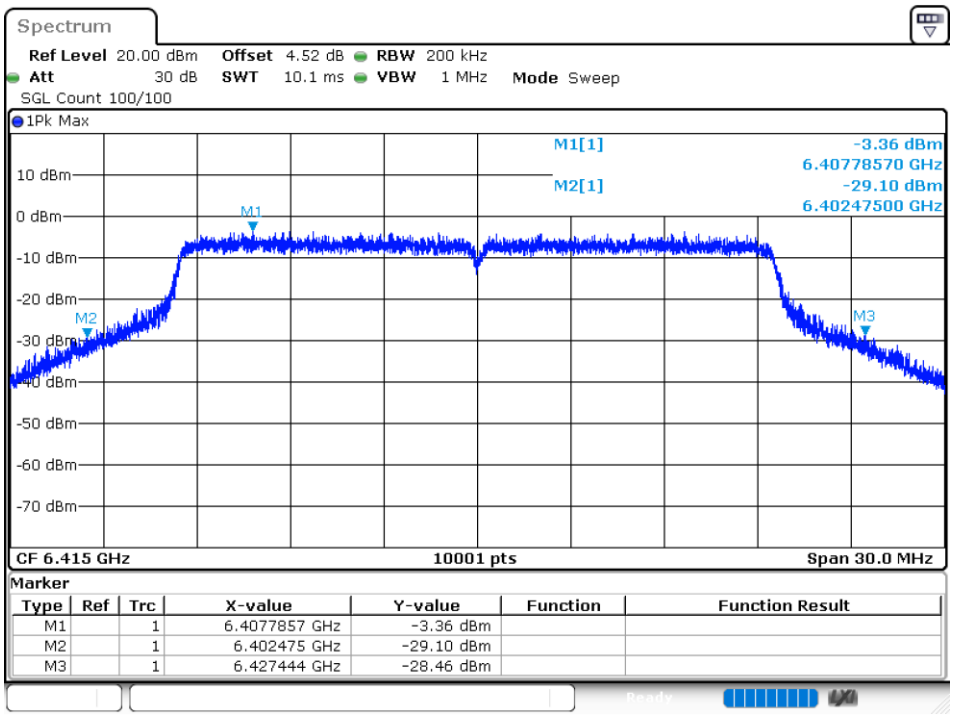
-26dB Bandwidth NVNT ax20 5955MHz Ant1



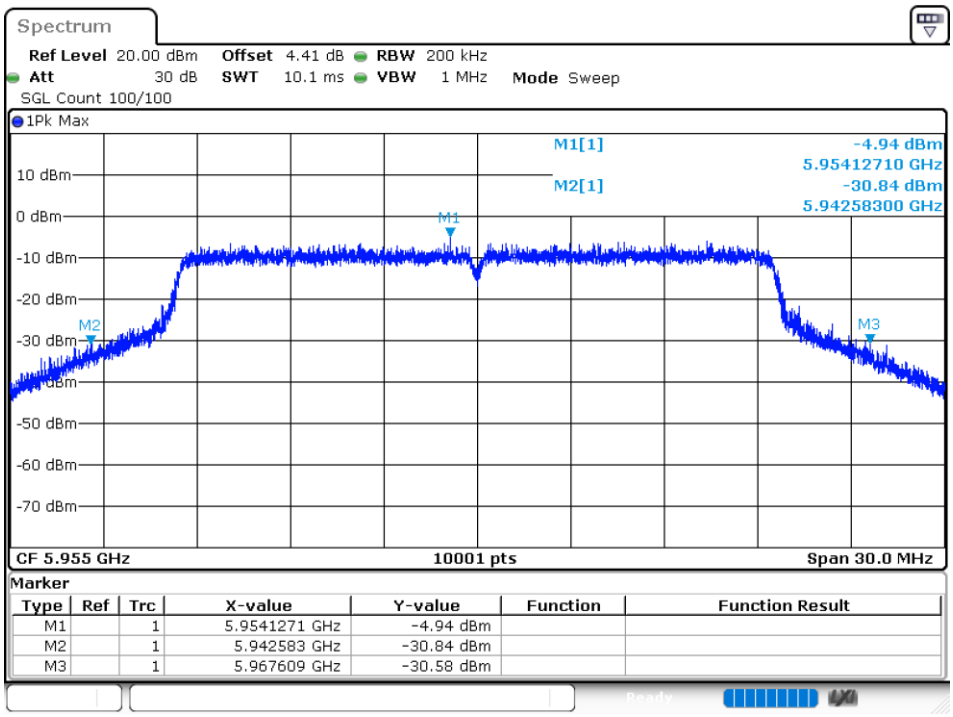
-26dB Bandwidth NVNT ax20 6175MHz Ant1



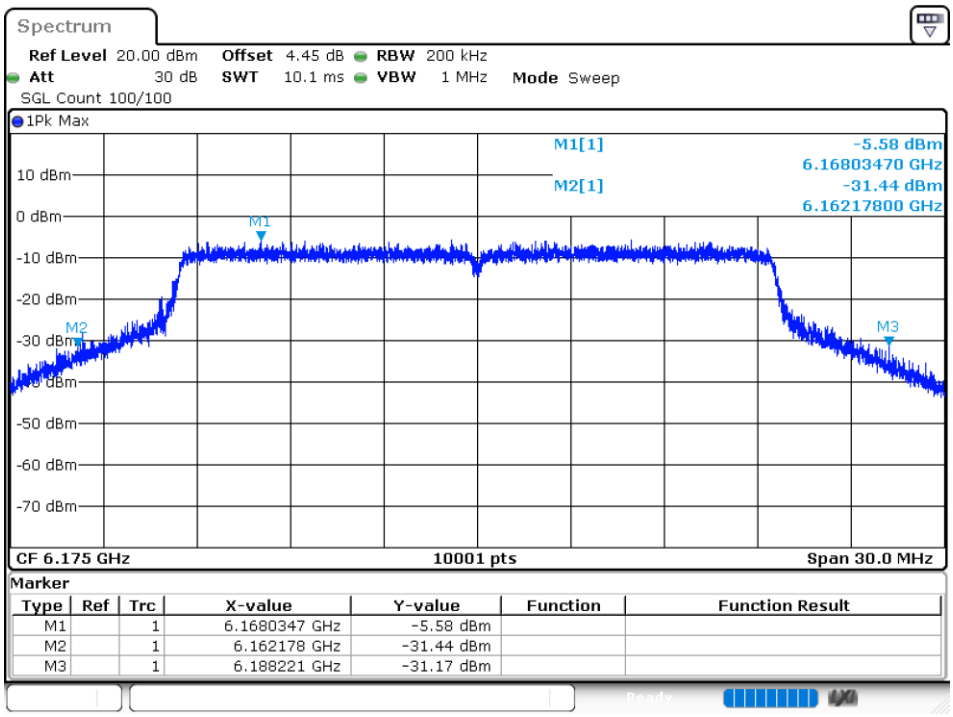
-26dB Bandwidth NVNT ax20 6415MHz Ant1



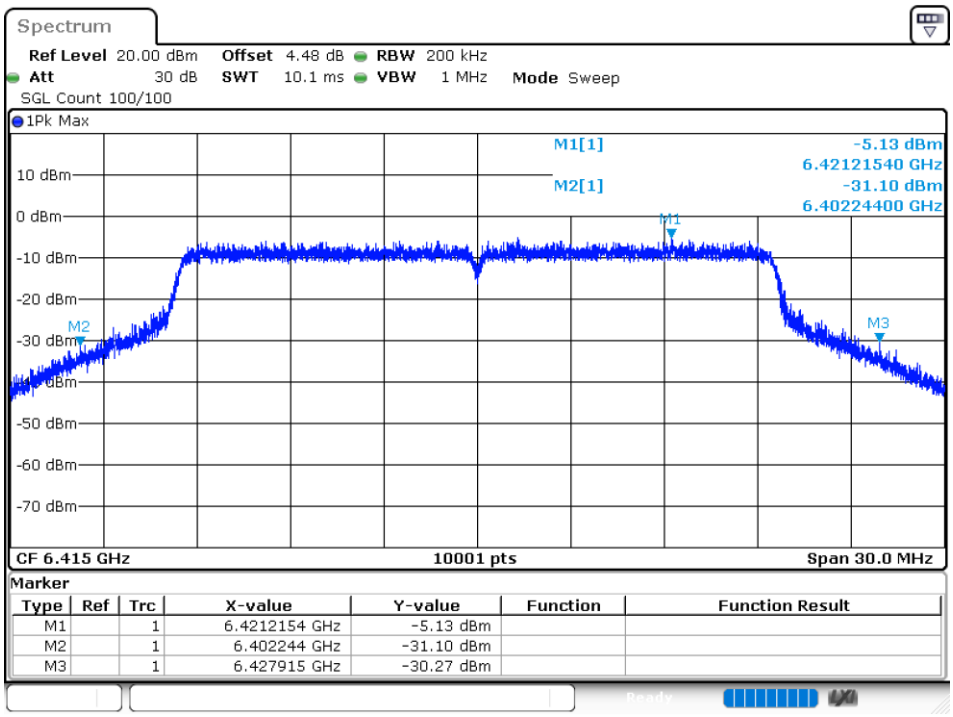
-26dB Bandwidth NVNT ax20 5955MHz Ant2



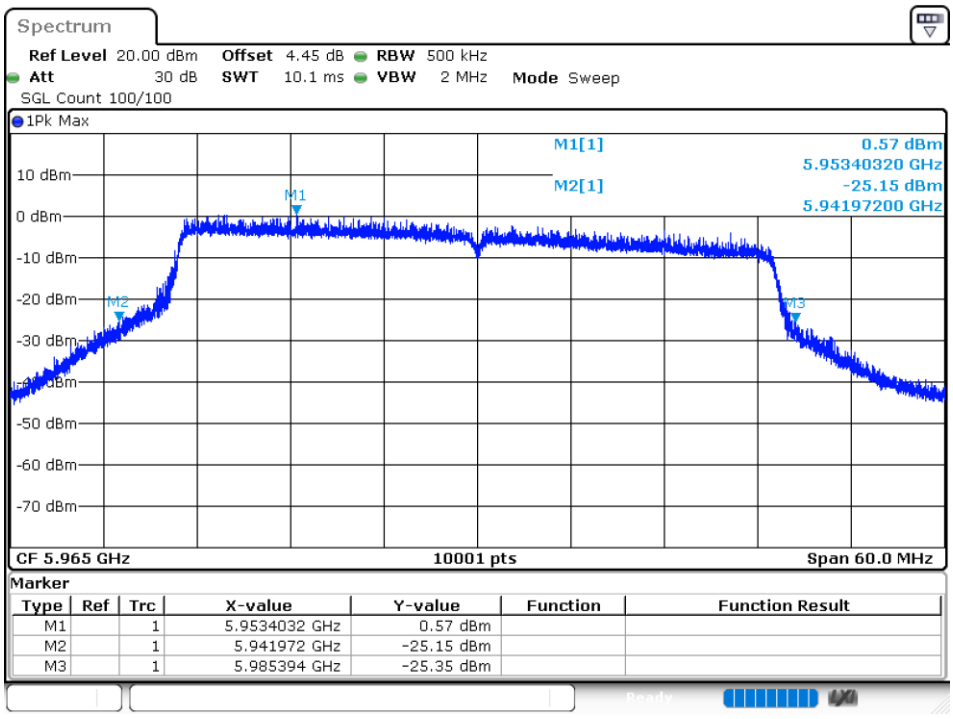
-26dB Bandwidth NVNT ax20 6175MHz Ant2



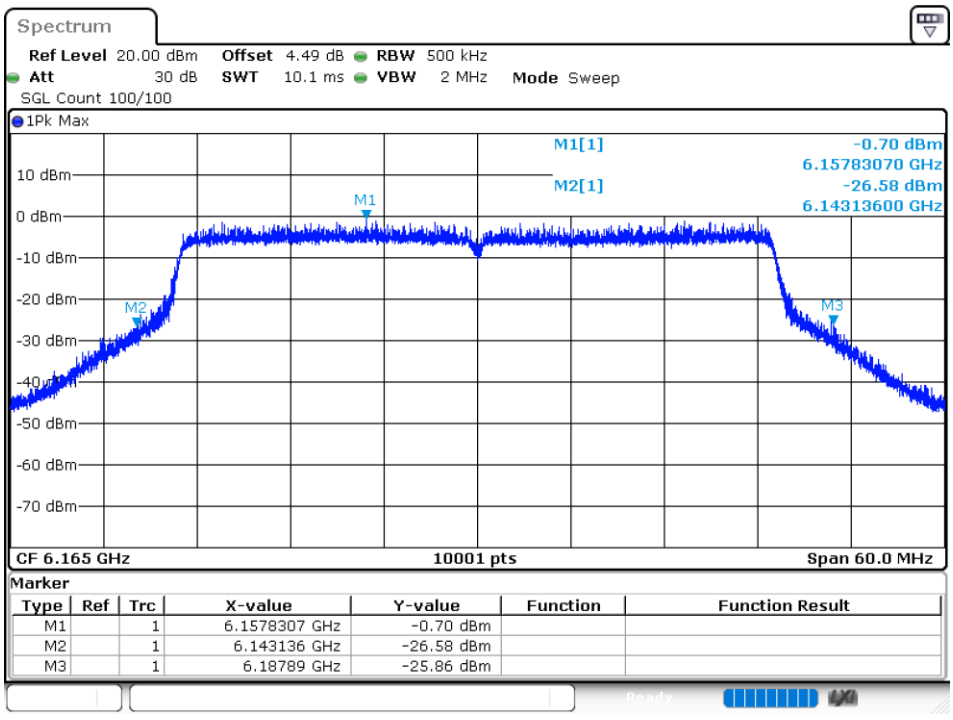
-26dB Bandwidth NVNT ax20 6415MHz Ant2



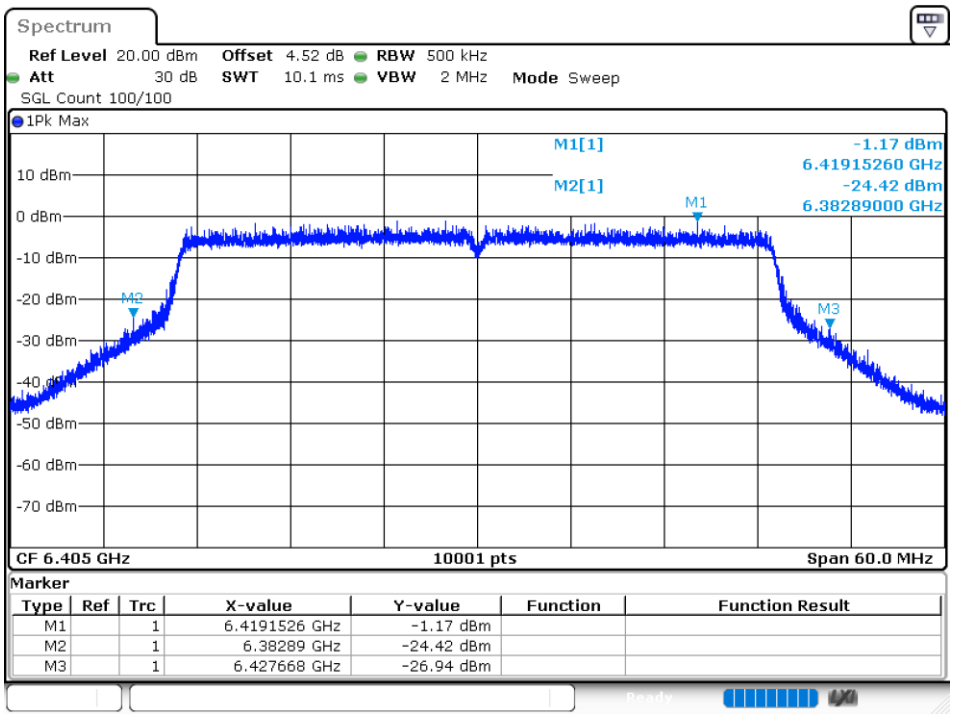
-26dB Bandwidth NVNT ax40 5965MHz Ant1



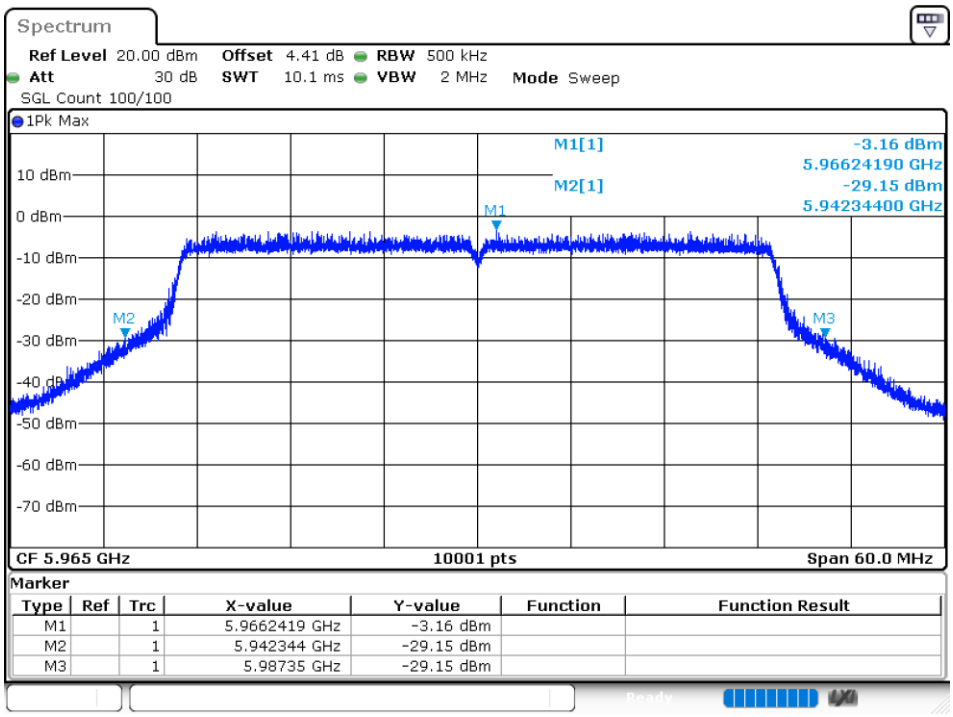
-26dB Bandwidth NVNT ax40 6165MHz Ant1



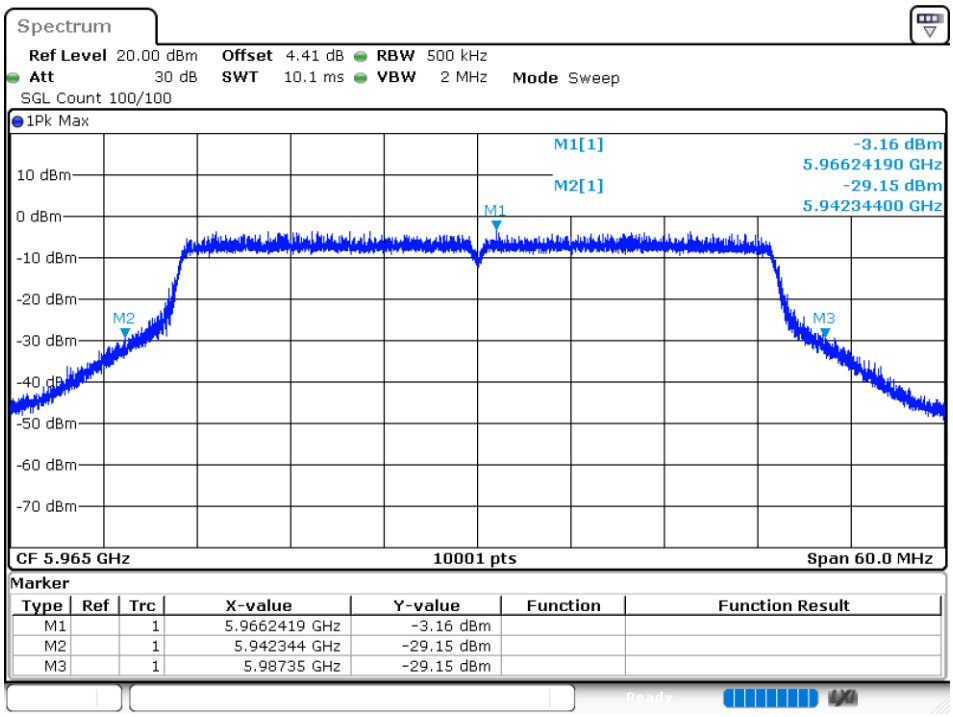
-26dB Bandwidth NVNT ax40 6405MHz Ant1



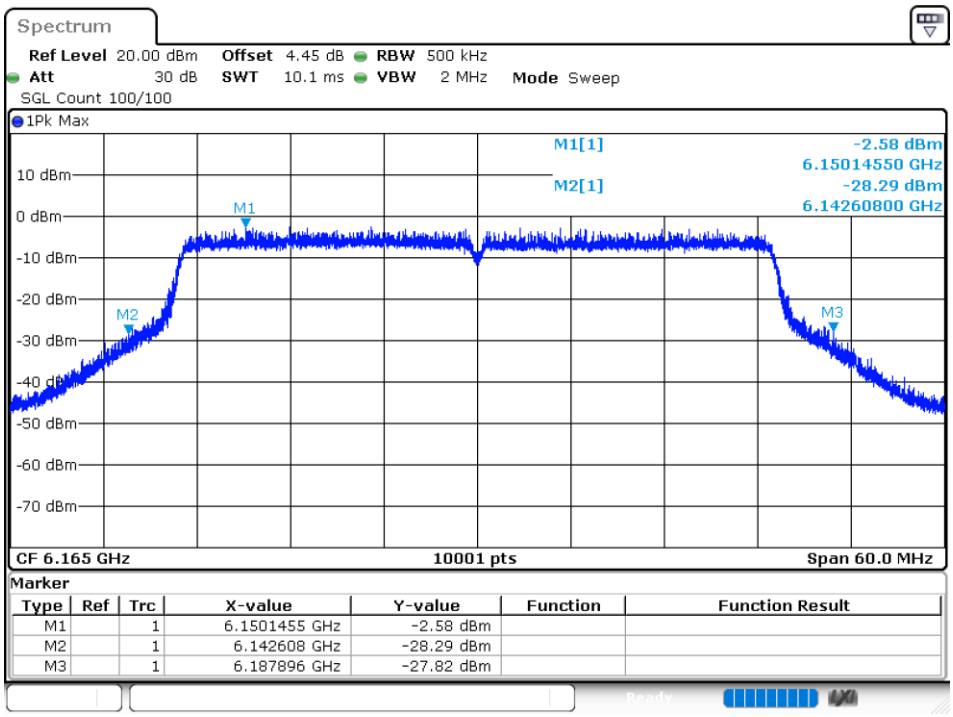
-26dB Bandwidth NVNT ax40 5965MHz Ant2



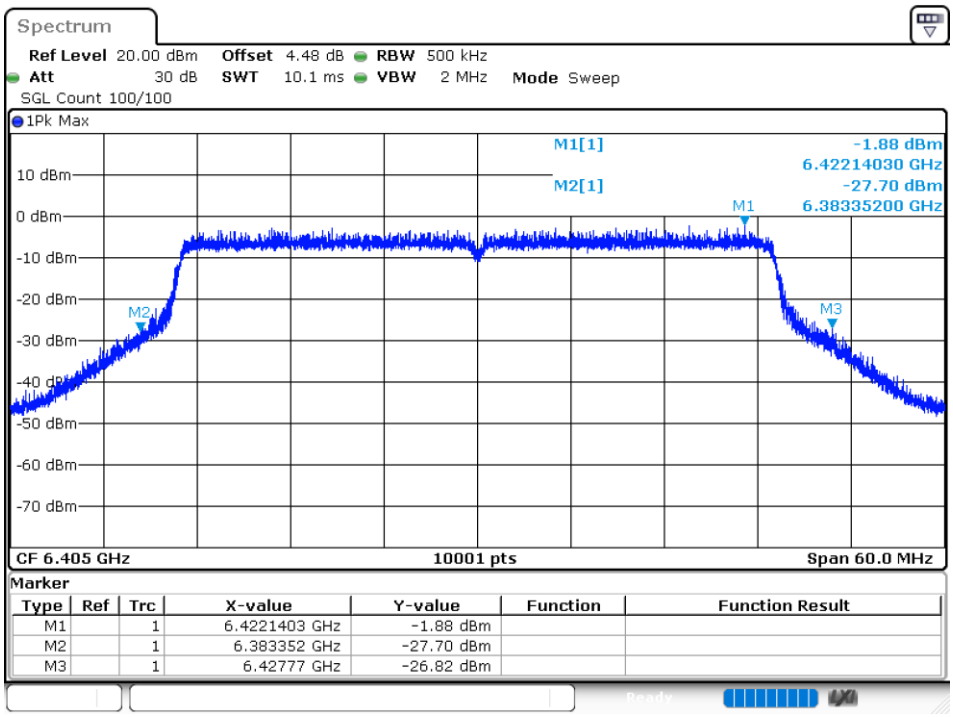
-26dB Bandwidth NVNT ax40 5965MHz Ant2



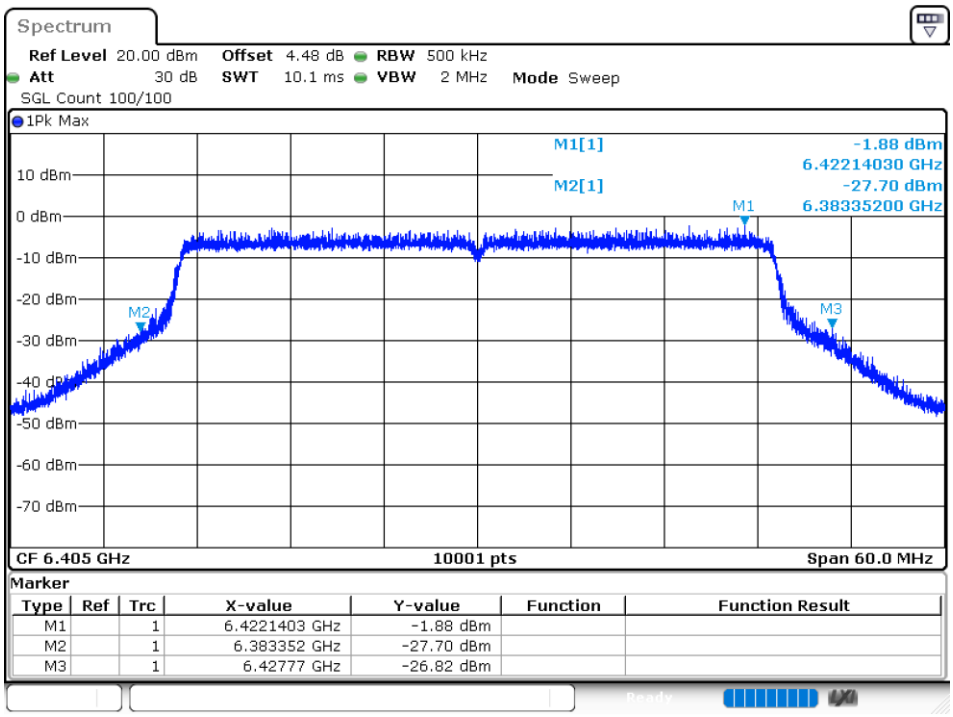
-26dB Bandwidth NVNT ax40 6165MHz Ant2



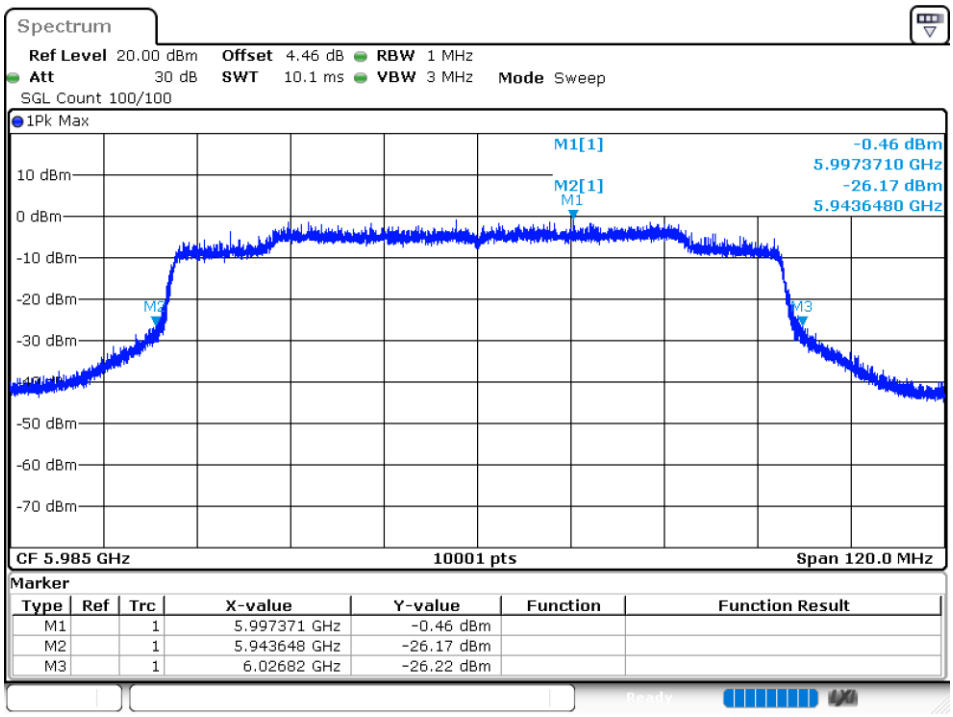
-26dB Bandwidth NVNT ax40 6405MHz Ant2



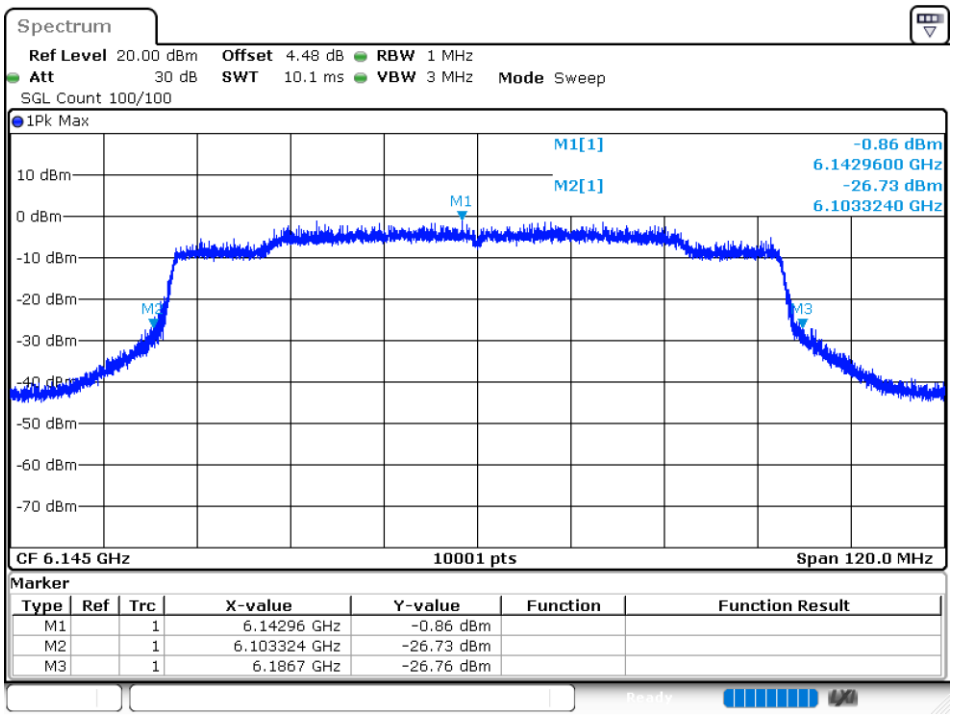
-26dB Bandwidth NVNT ax40 6405MHz Ant2



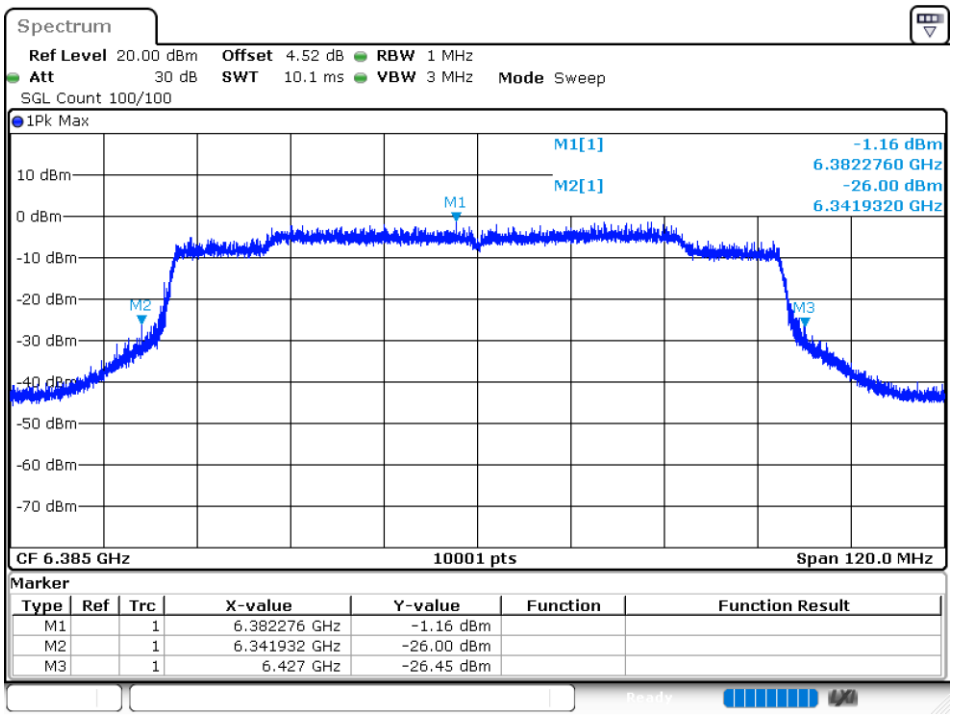
-26dB Bandwidth NVNT ax80 5985MHz Ant1



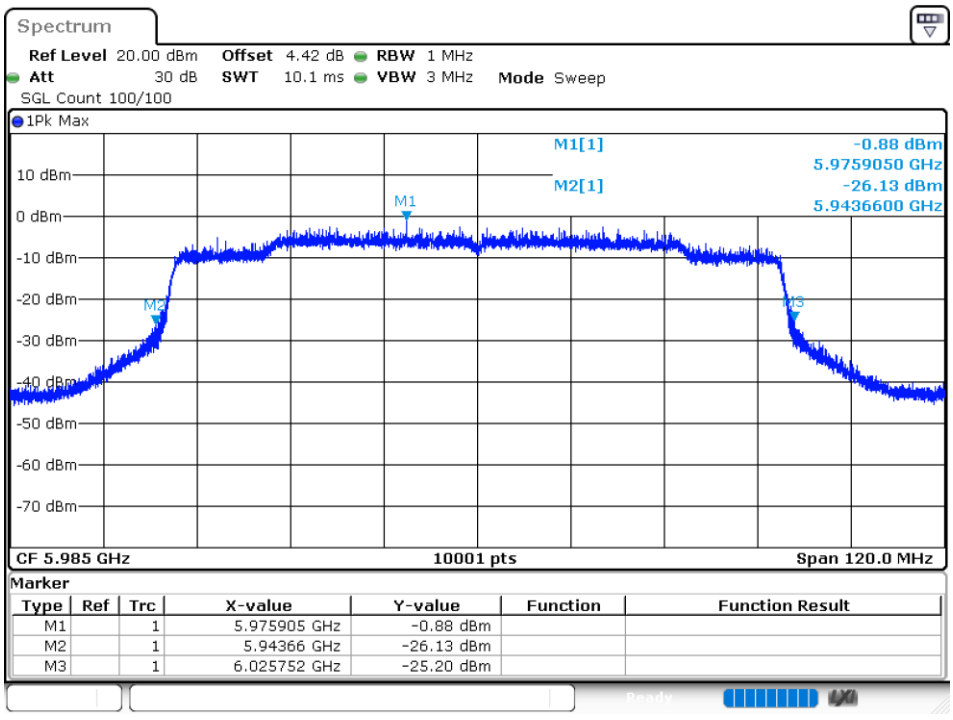
-26dB Bandwidth NVNT ax80 6145MHz Ant1



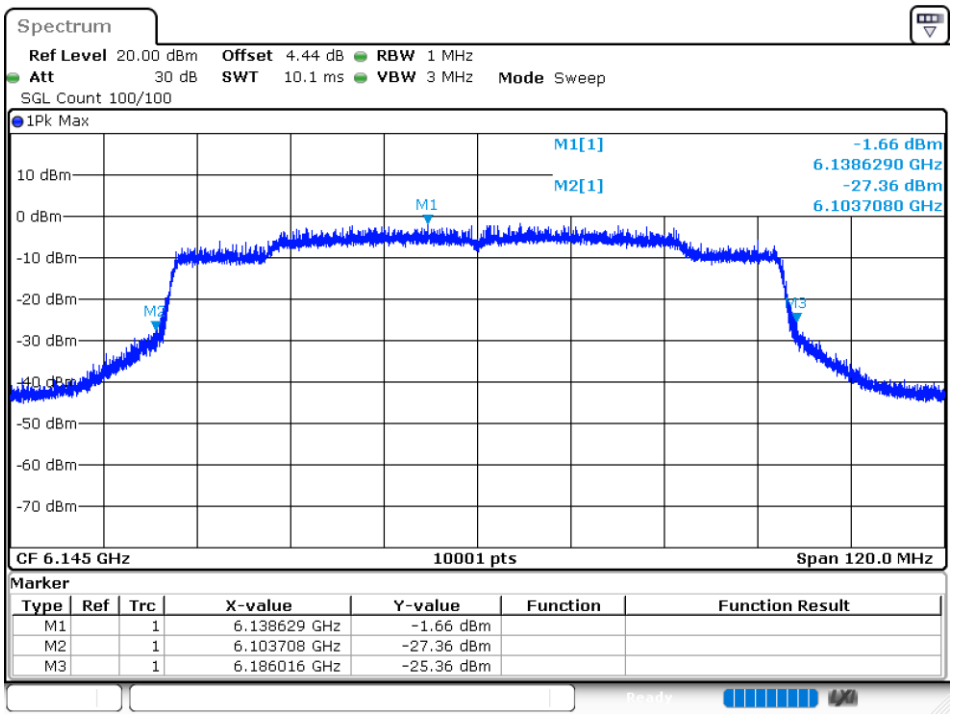
-26dB Bandwidth NVNT ax80 6385MHz Ant1



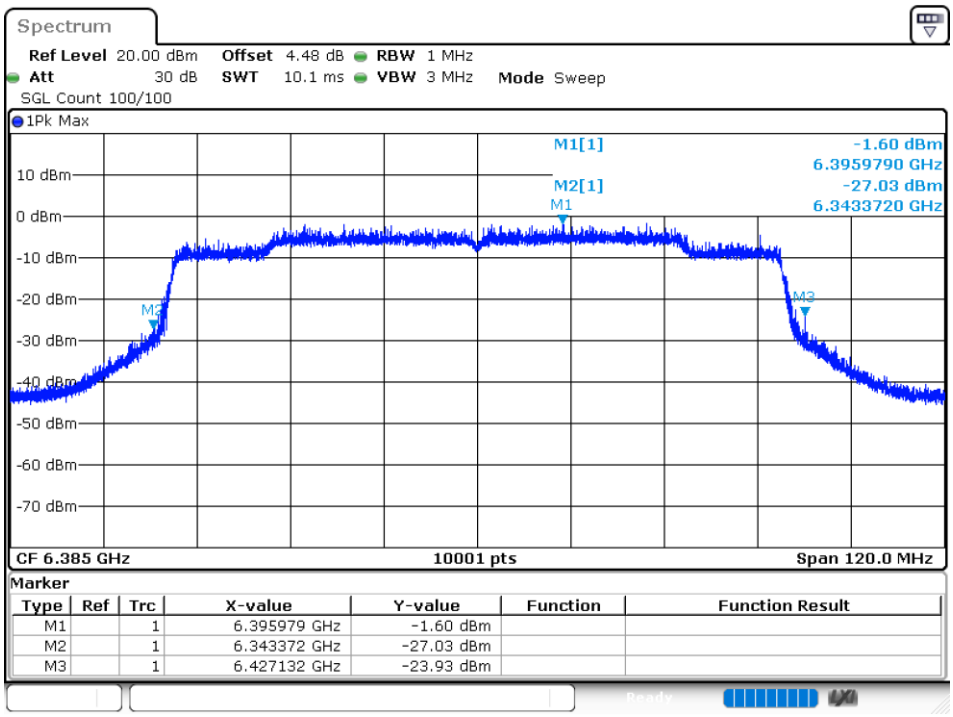
-26dB Bandwidth NVNT ax80 5985MHz Ant2



-26dB Bandwidth NVNT ax80 6145MHz Ant2



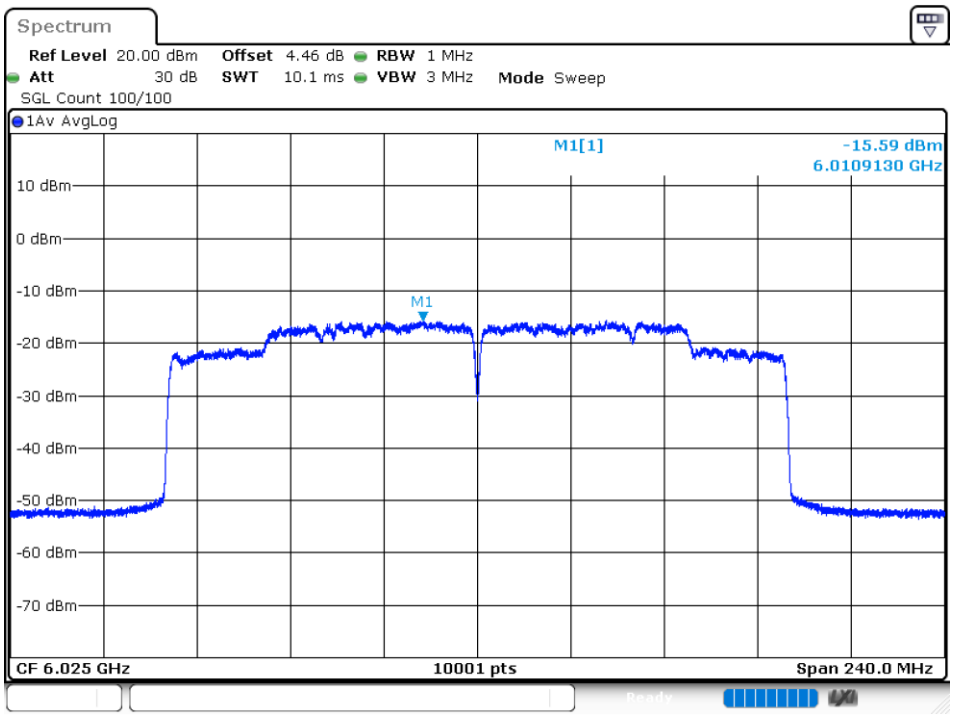
-26dB Bandwidth NVNT ax80 6385MHz Ant2



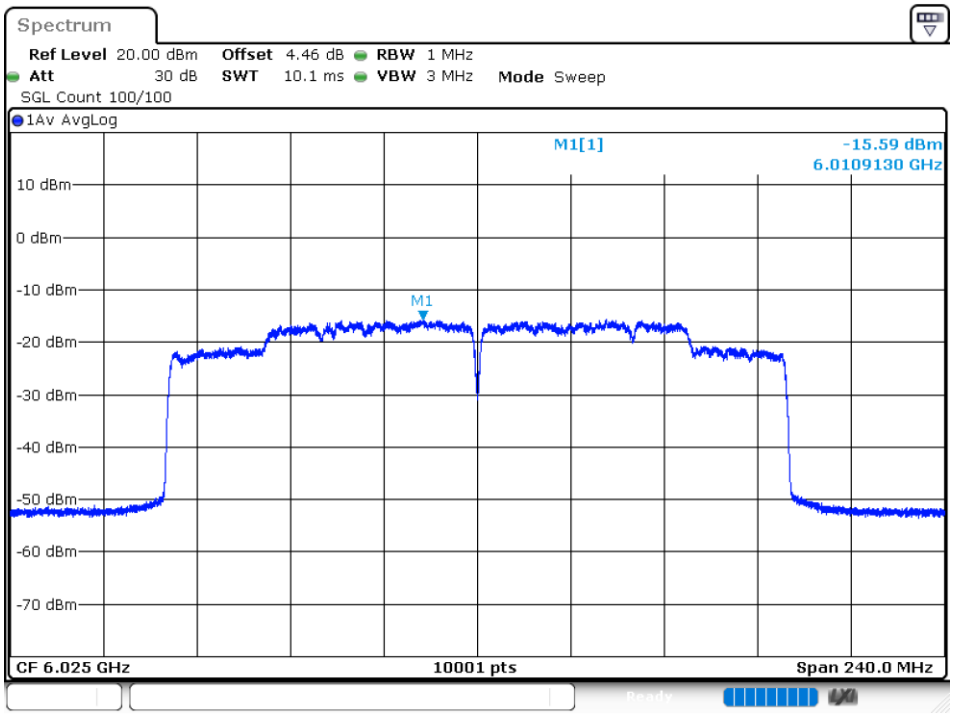
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	-15.59	0	-15.59	4.9	-10.69	-1	Pass
NVNT	ax160	6185	Ant1	-15.58	0	-15.58	4.9	-10.68	-1	Pass
NVNT	ax160	6345	Ant1	-15.79	0	-15.79	4.9	-10.89	-1	Pass
NVNT	ax160	6025	Ant2	-17.13	0	-17.13	4.81	-12.32	-1	Pass
NVNT	ax160	6185	Ant2	-16.03	0	-16.03	4.81	-11.22	-1	Pass
NVNT	ax160	6345	Ant2	-16.18	0	-16.18	4.81	-11.37	-1	Pass
NVNT	ax20	5955	Ant1	-6.52	0	-6.52	4.9	-1.62	-1	Pass
NVNT	ax20	6175	Ant1	-6.45	0	-6.45	4.9	-1.55	-1	Pass
NVNT	ax20	6415	Ant1	-7.19	0	-7.19	4.9	-2.29	-1	Pass
NVNT	ax20	5955	Ant2	-9.71	0	-9.71	4.81	-4.9	-1	Pass
NVNT	ax20	6175	Ant2	-8.95	0	-8.95	4.81	-4.14	-1	Pass
NVNT	ax20	6415	Ant2	-8.95	0	-8.95	4.81	-4.14	-1	Pass
NVNT	ax40	5965	Ant1	-7.84	0	-7.84	4.9	-2.94	-1	Pass
NVNT	ax40	6165	Ant1	-9.97	0	-9.97	4.9	-5.07	-1	Pass
NVNT	ax40	6405	Ant1	-10.23	0	-10.23	4.9	-5.33	-1	Pass
NVNT	ax40	5965	Ant2	-12.18	0	-12.18	4.81	-7.37	-1	Pass
NVNT	ax40	6165	Ant2	-11.36	0	-11.36	4.81	-6.55	-1	Pass
NVNT	ax40	6405	Ant2	-11.28	0	-11.28	4.81	-6.47	-1	Pass
NVNT	ax80	5985	Ant1	-13.07	0	-13.07	4.9	-8.17	-1	Pass
NVNT	ax80	6145	Ant1	-12.83	0	-12.83	4.9	-7.93	-1	Pass
NVNT	ax80	6385	Ant1	-13.5	0	-13.5	4.9	-8.6	-1	Pass
NVNT	ax80	5985	Ant2	-14.39	0	-14.39	4.81	-9.58	-1	Pass
NVNT	ax80	6145	Ant2	-13.7	0	-13.7	4.81	-8.89	-1	Pass
NVNT	ax80	6385	Ant2	-13.9	0	-13.9	4.81	-9.09	-1	Pass

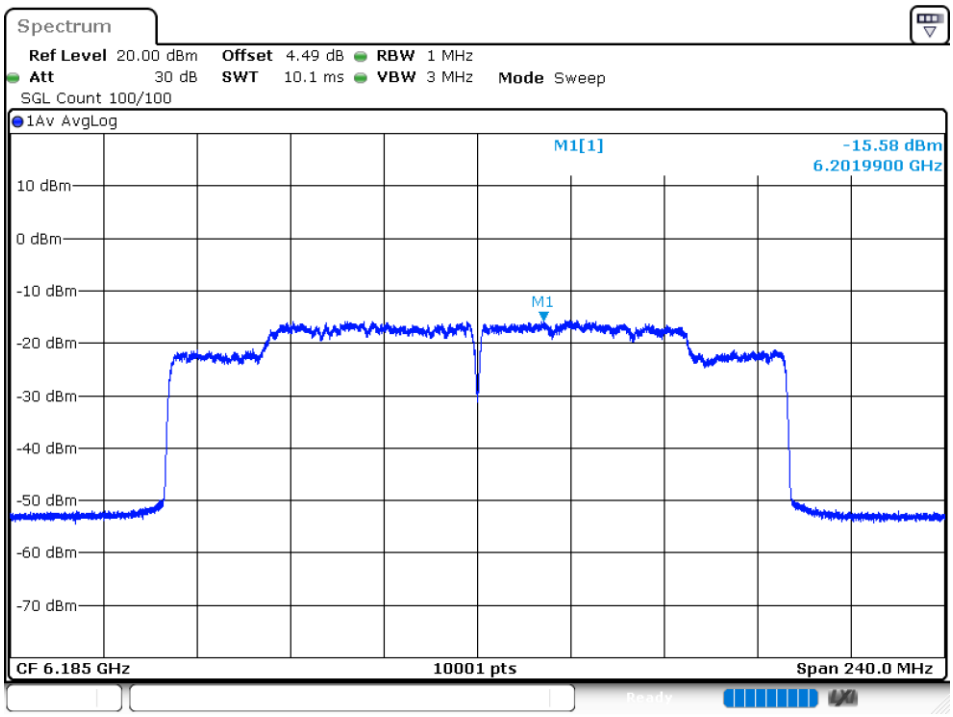
Test Graphs
PSD NVNT ax160 6025MHz Ant1



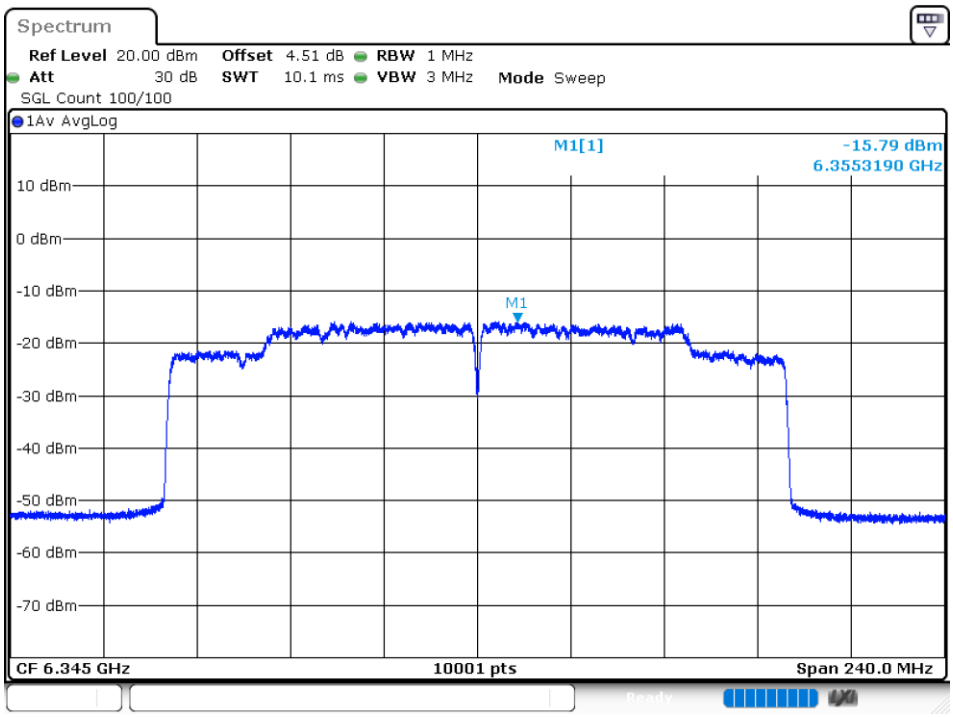
PSD NVNT ax160 6025MHz Ant1



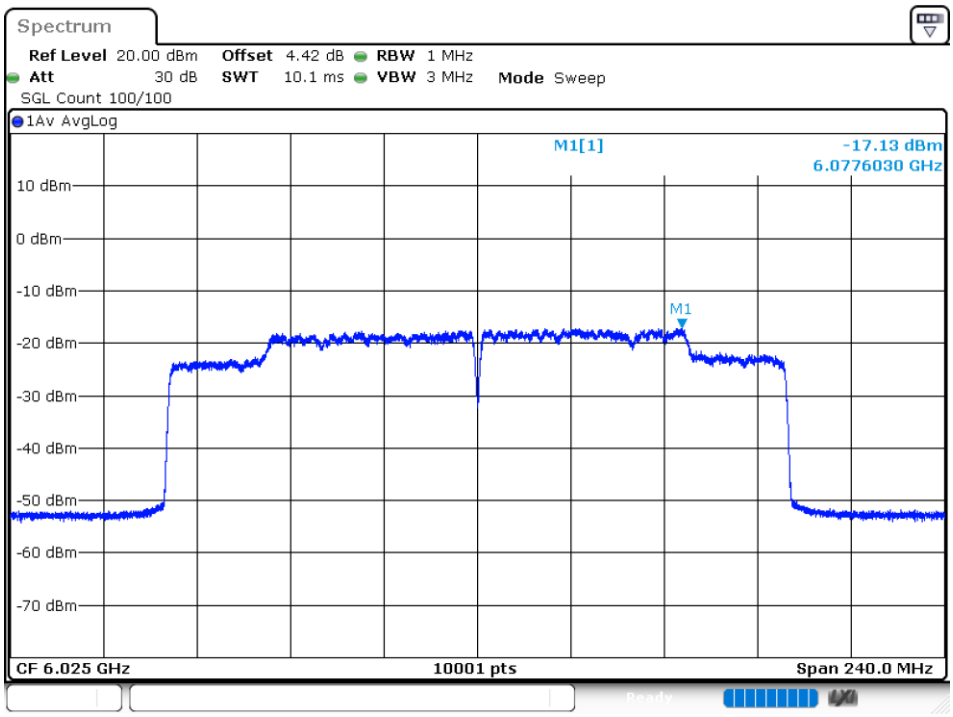
PSD NVNT ax160 6185MHz Ant1



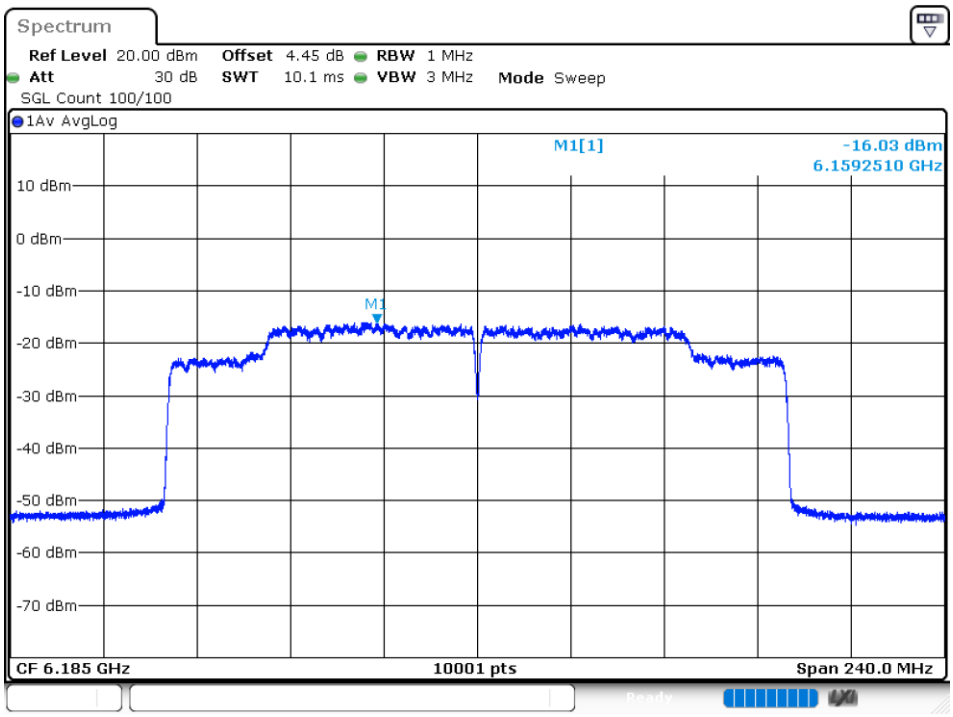
PSD NVNT ax160 6345MHz Ant1



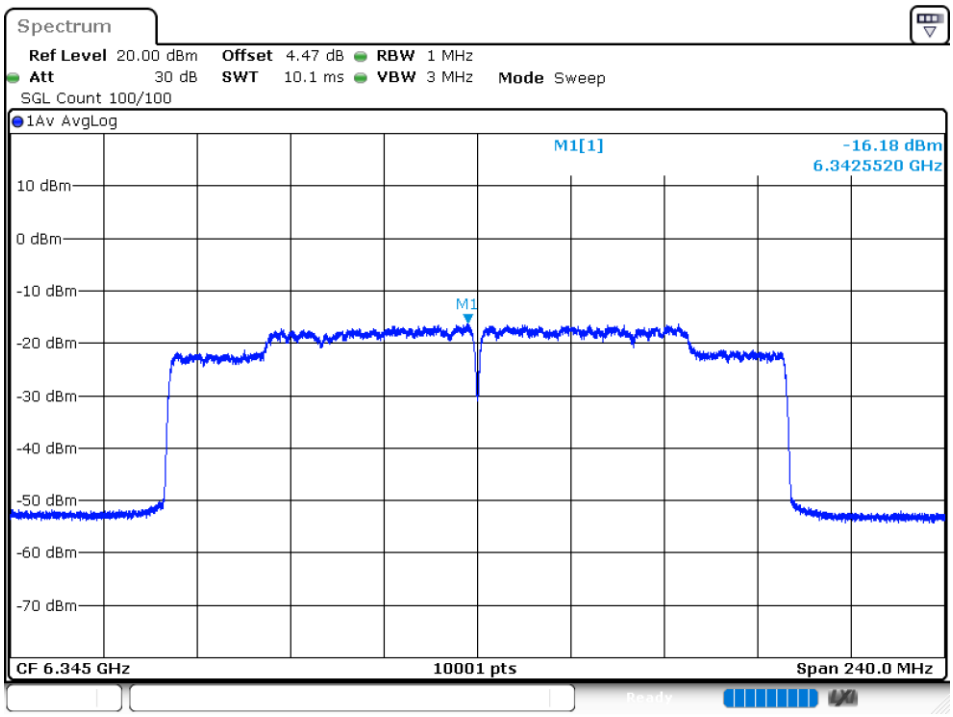
PSD NVNT ax160 6025MHz Ant2



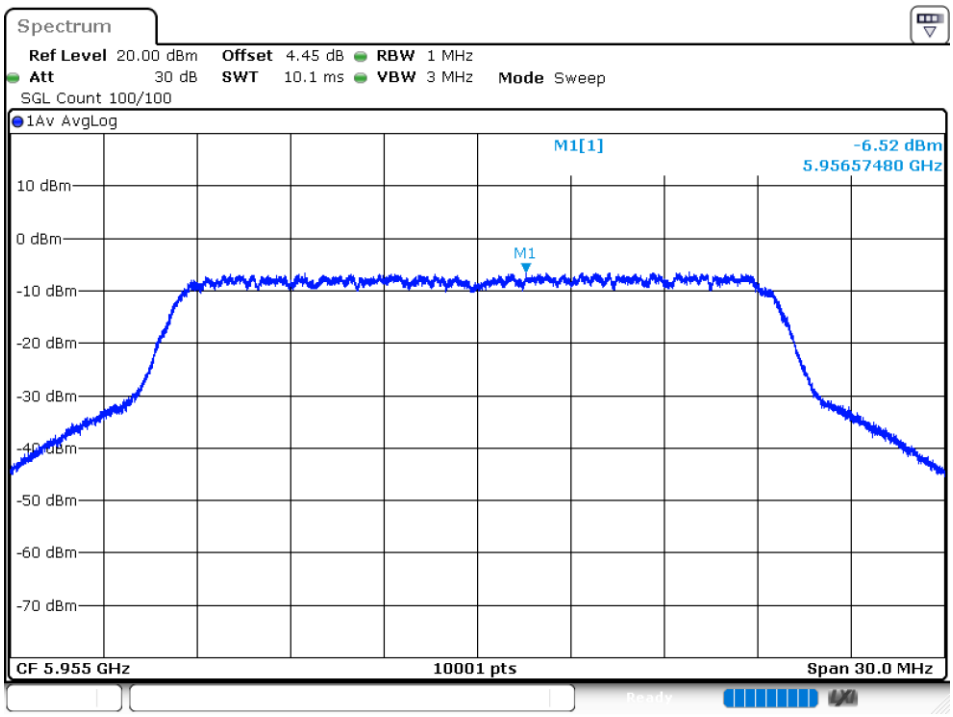
PSD NVNT ax160 6185MHz Ant2



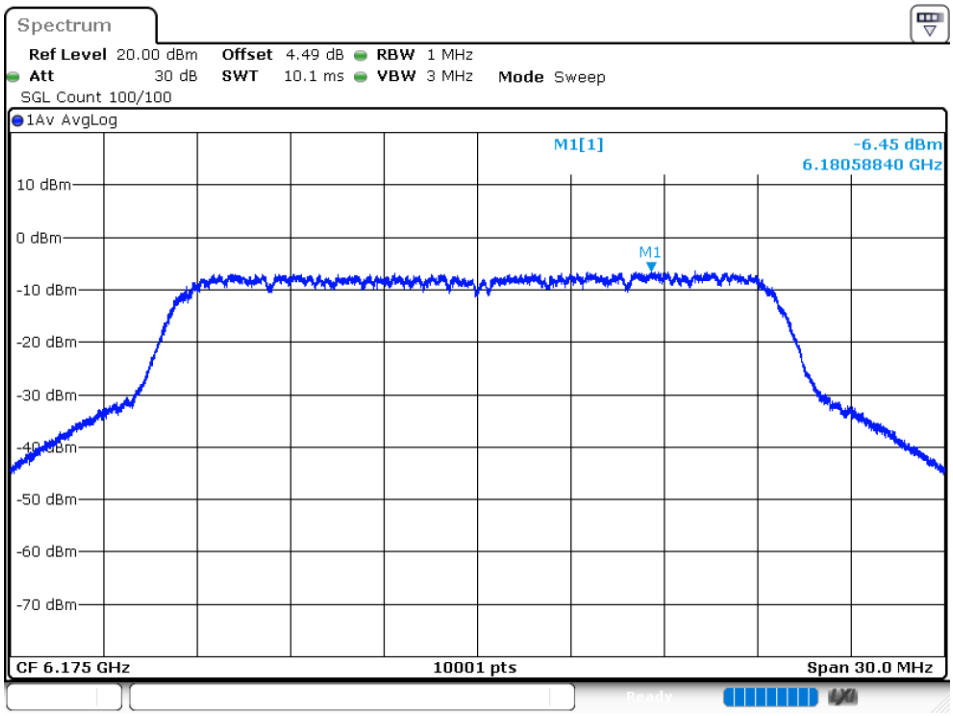
PSD NVNT ax160 6345MHz Ant2



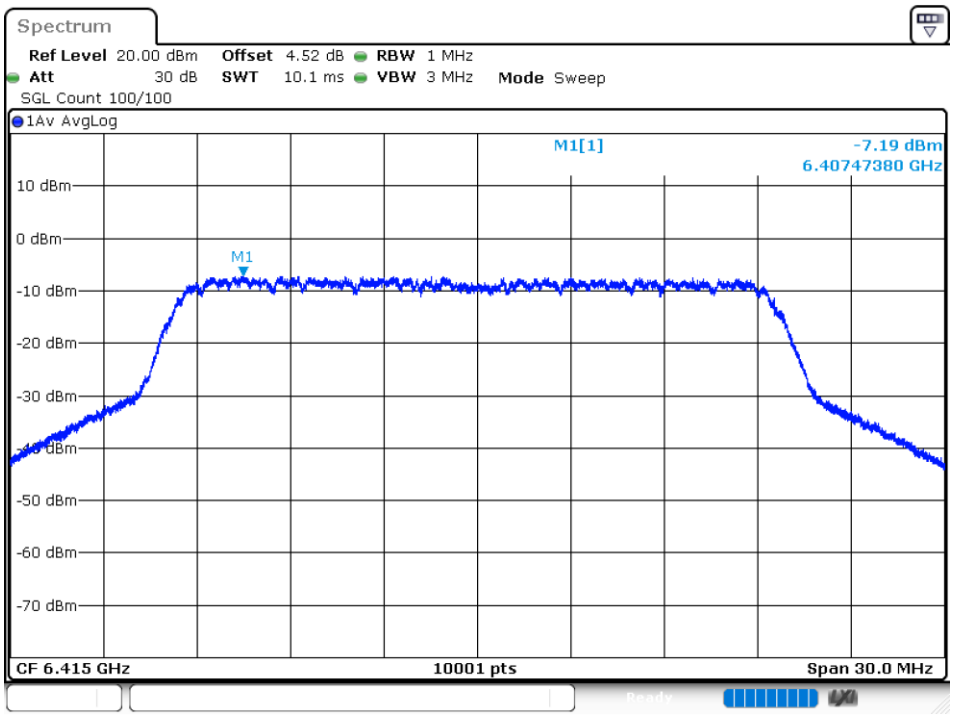
PSD NVNT ax20 5955MHz Ant1



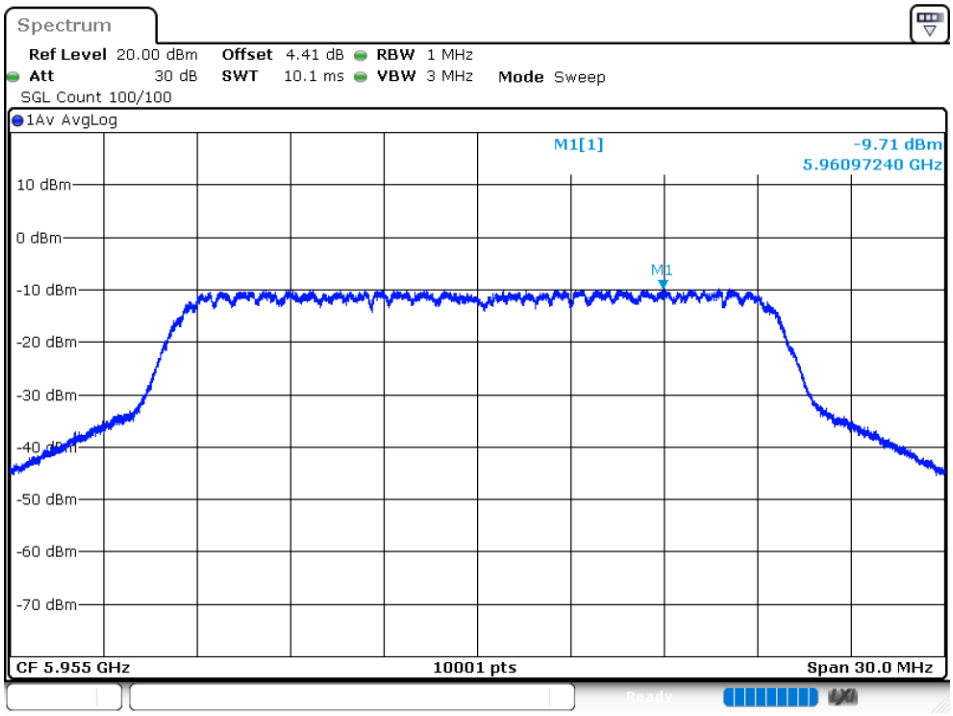
PSD NVNT ax20 6175MHz Ant1



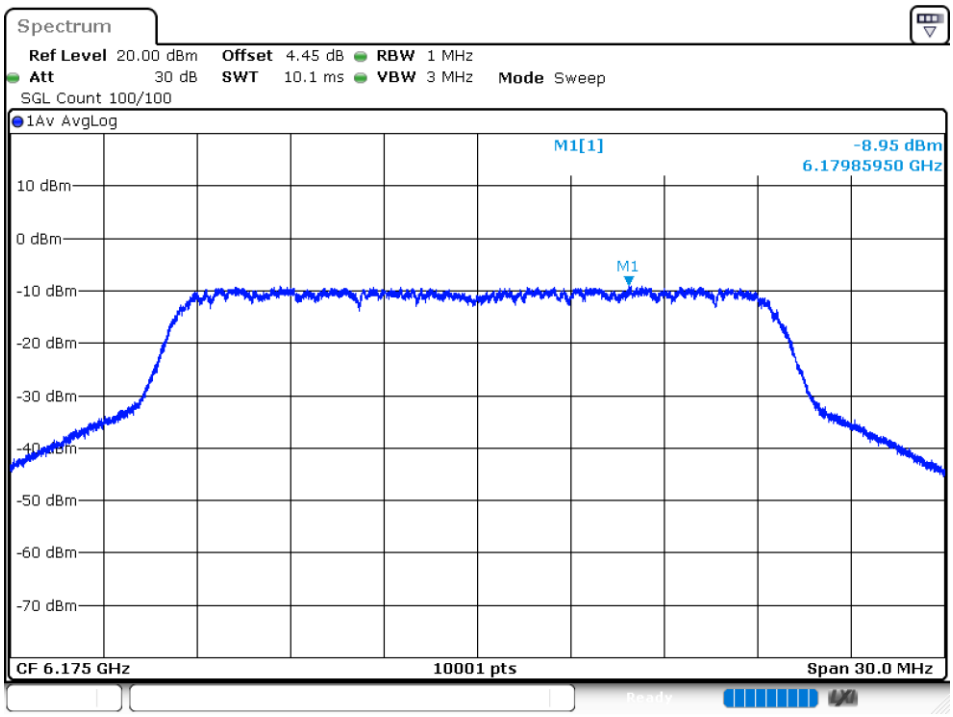
PSD NVNT ax20 6415MHz Ant1



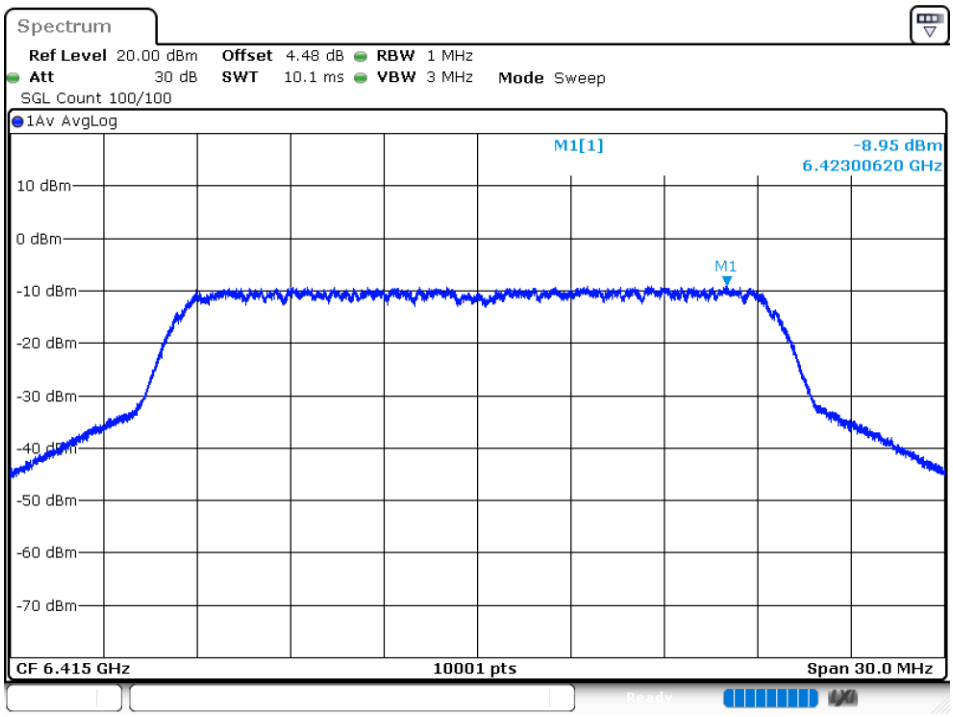
PSD NVNT ax20 5955MHz Ant2



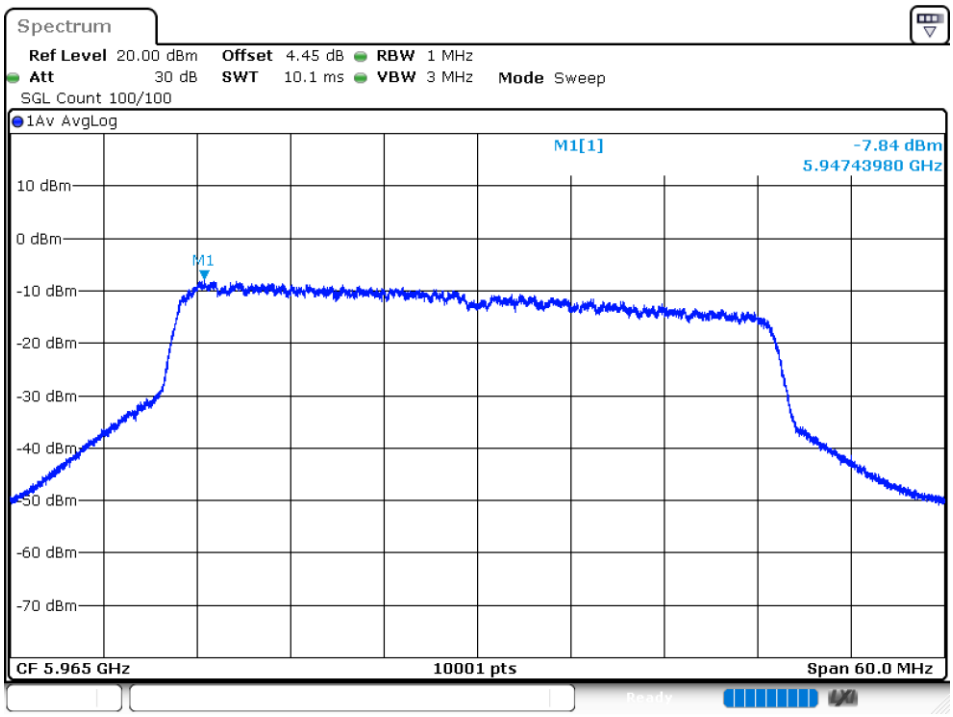
PSD NVNT ax20 6175MHz Ant2



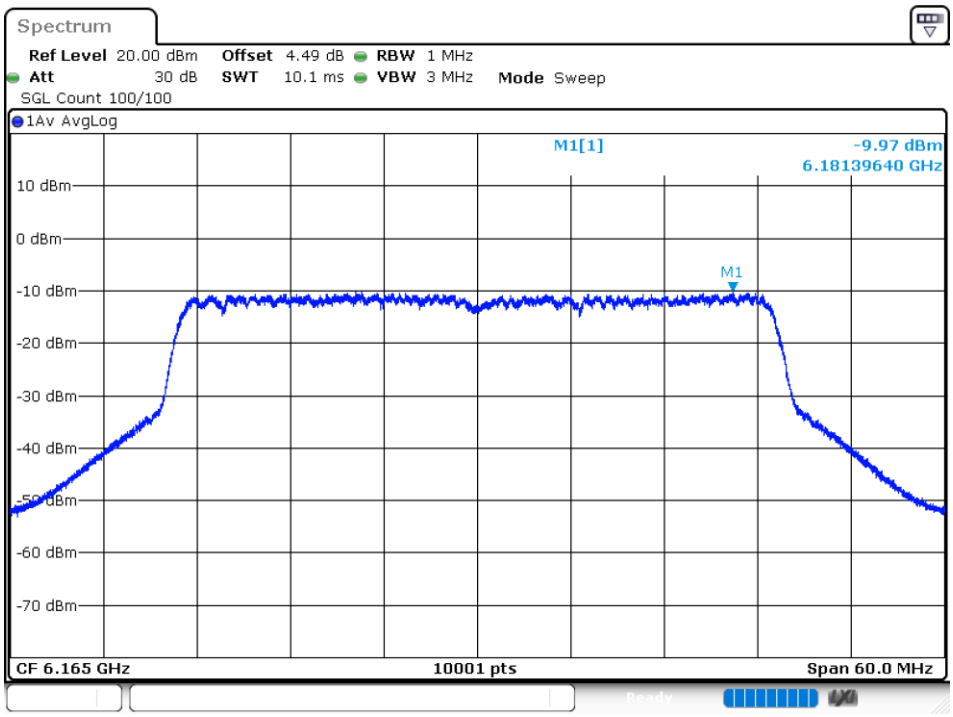
PSD NVNT ax20 6415MHz Ant2



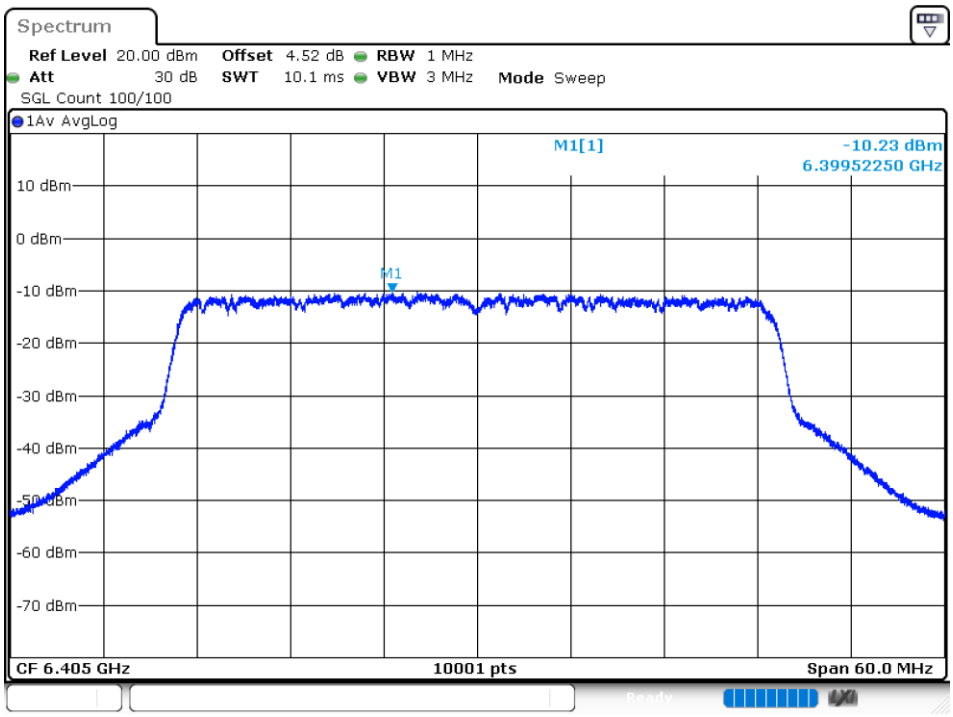
PSD NVNT ax40 5965MHz Ant1



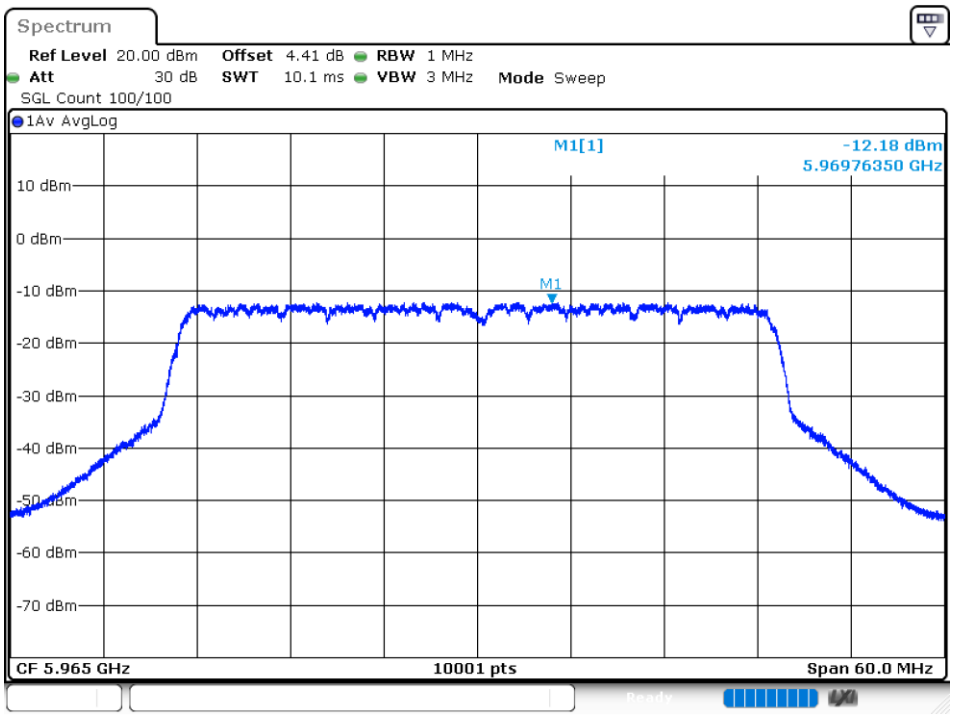
PSD NVNT ax40 6165MHz Ant1



PSD NVNT ax40 6405MHz Ant1



PSD NVNT ax40 5965MHz Ant2



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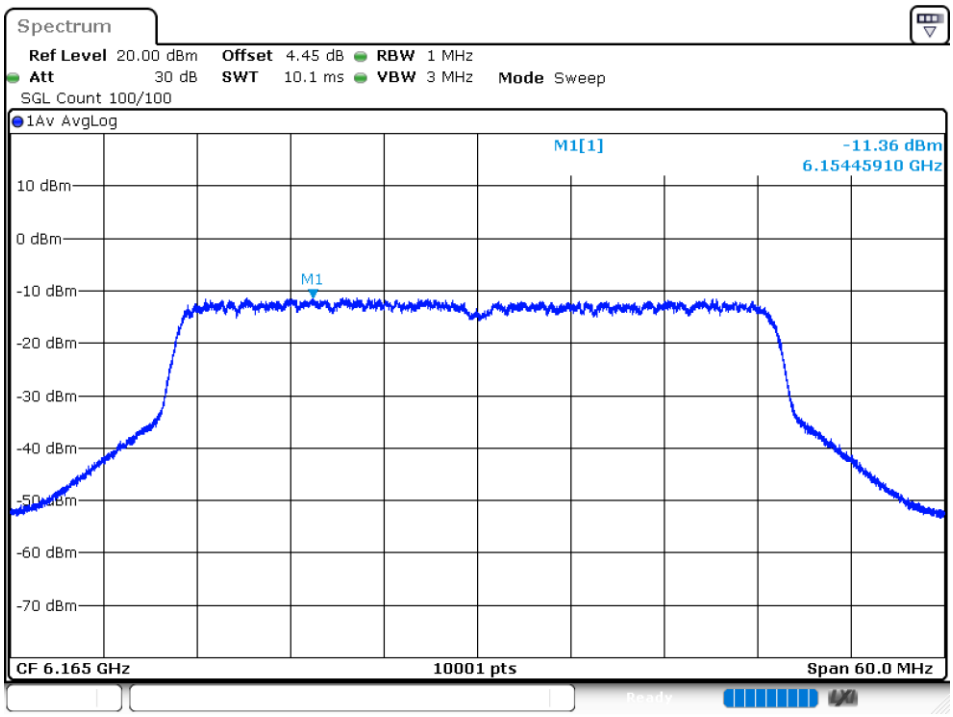
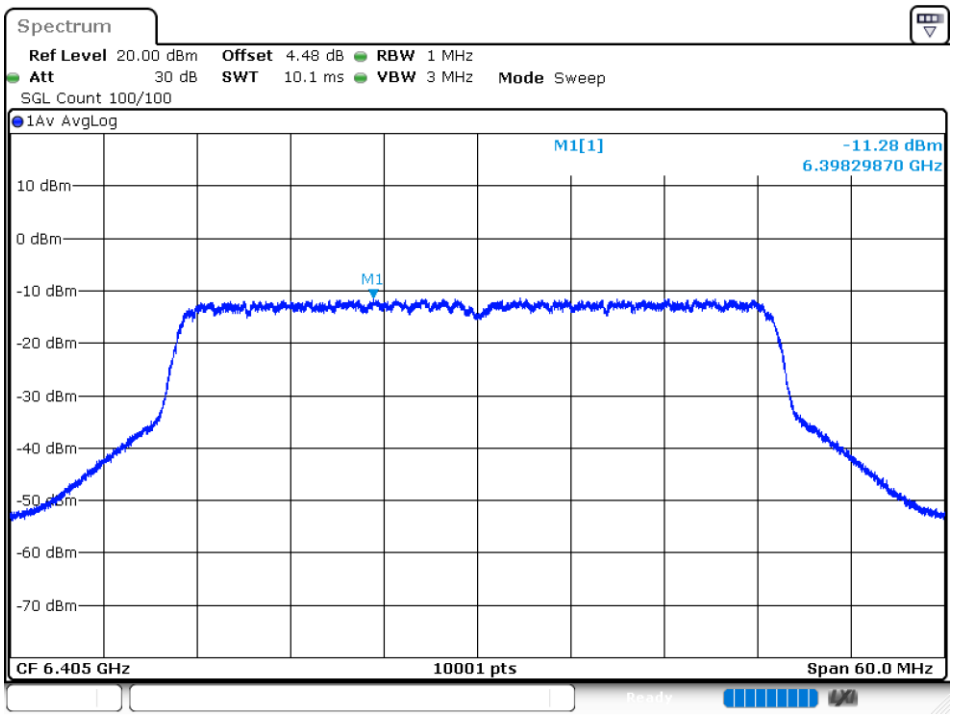
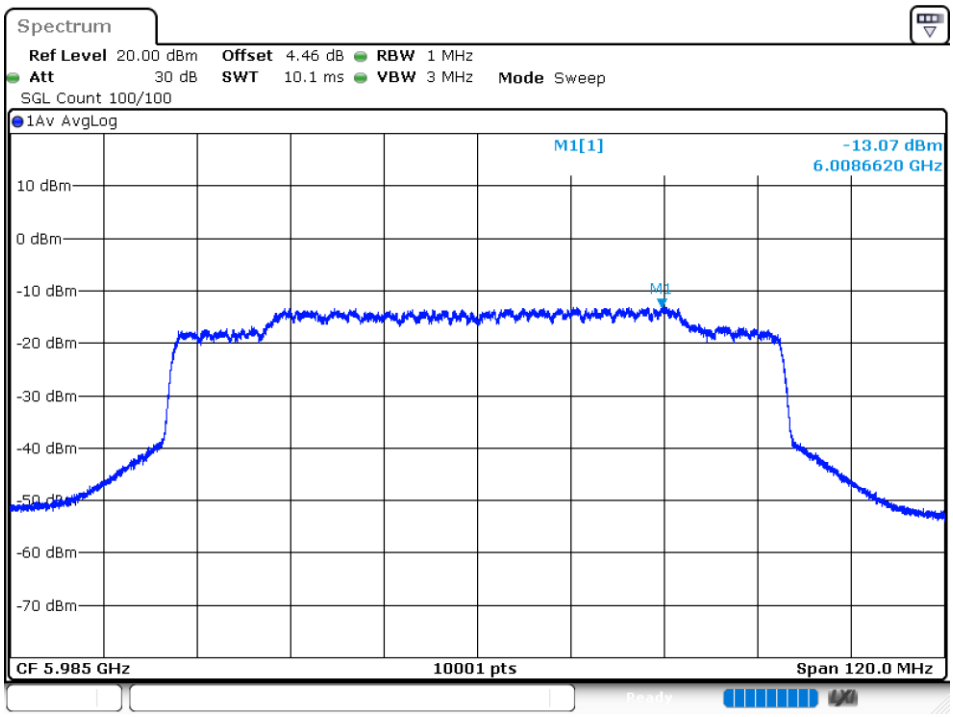


PSD NVNT ax40 6405MHz Ant2



PSD NVNT ax80 5985MHz Ant1



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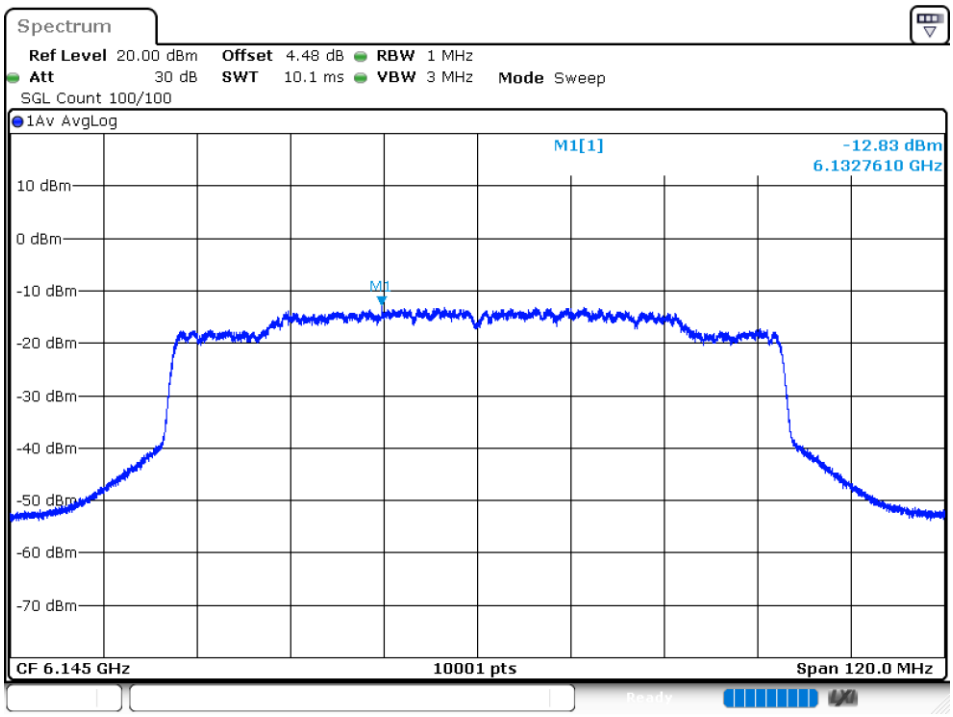
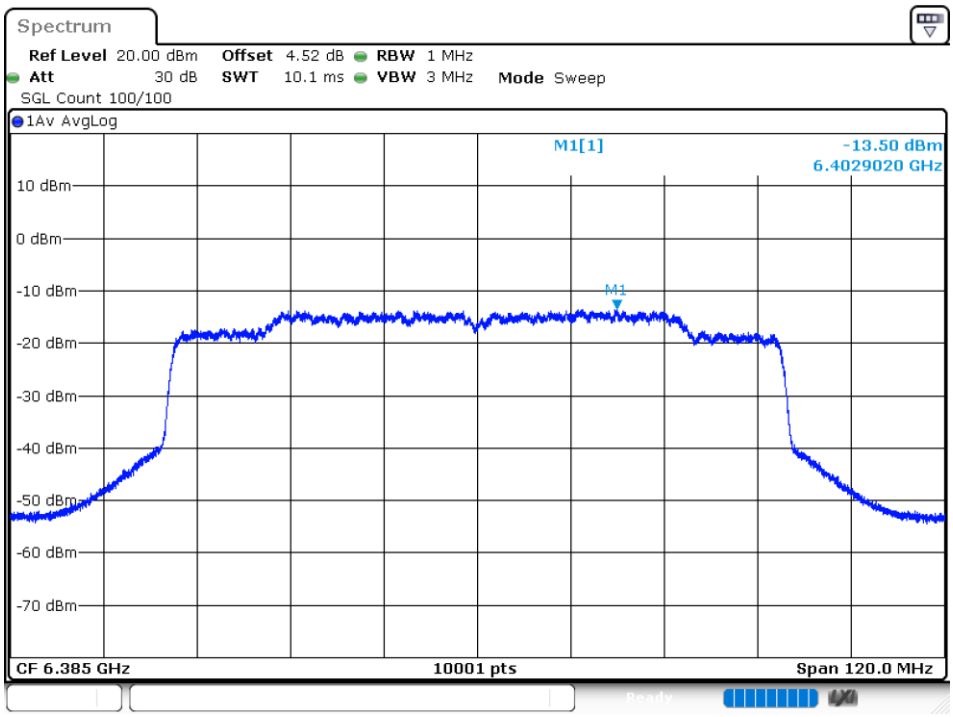
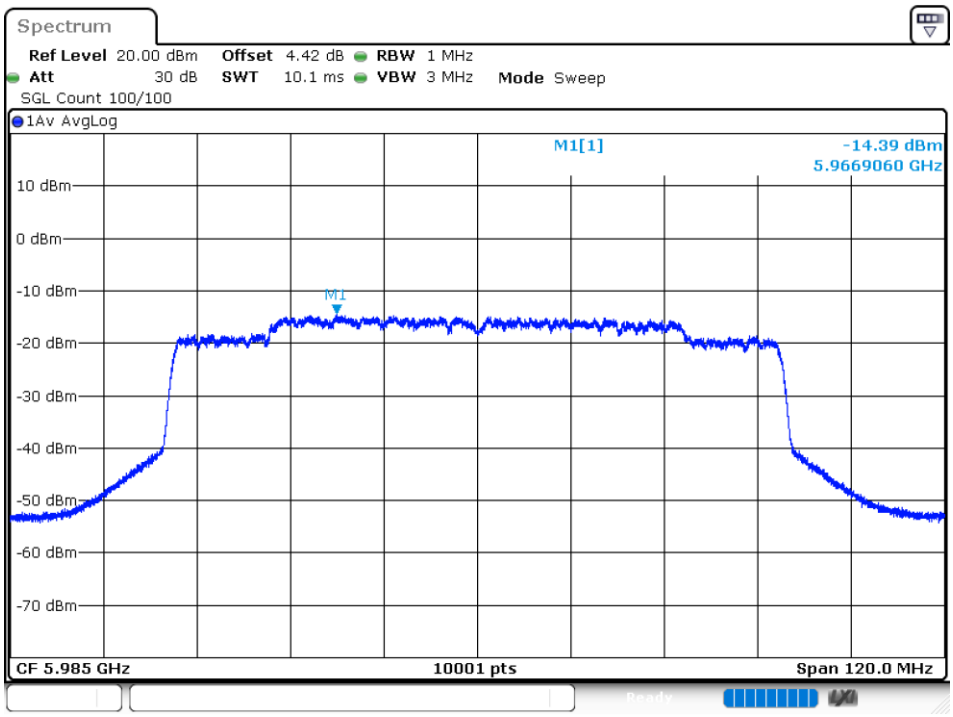


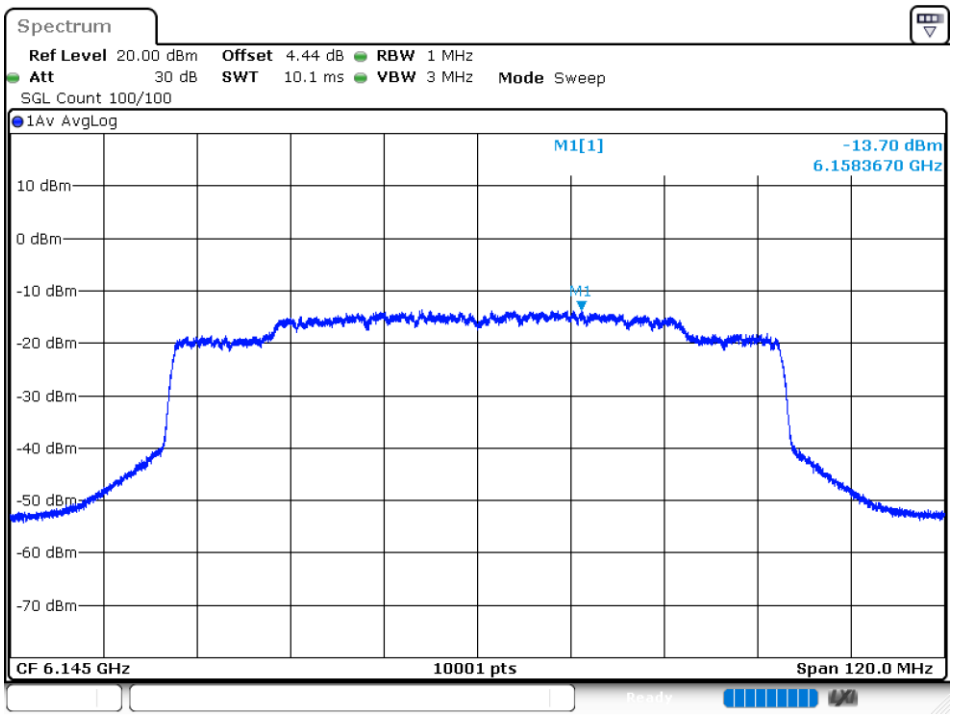
PSD NVNT ax80 6385MHz Ant1



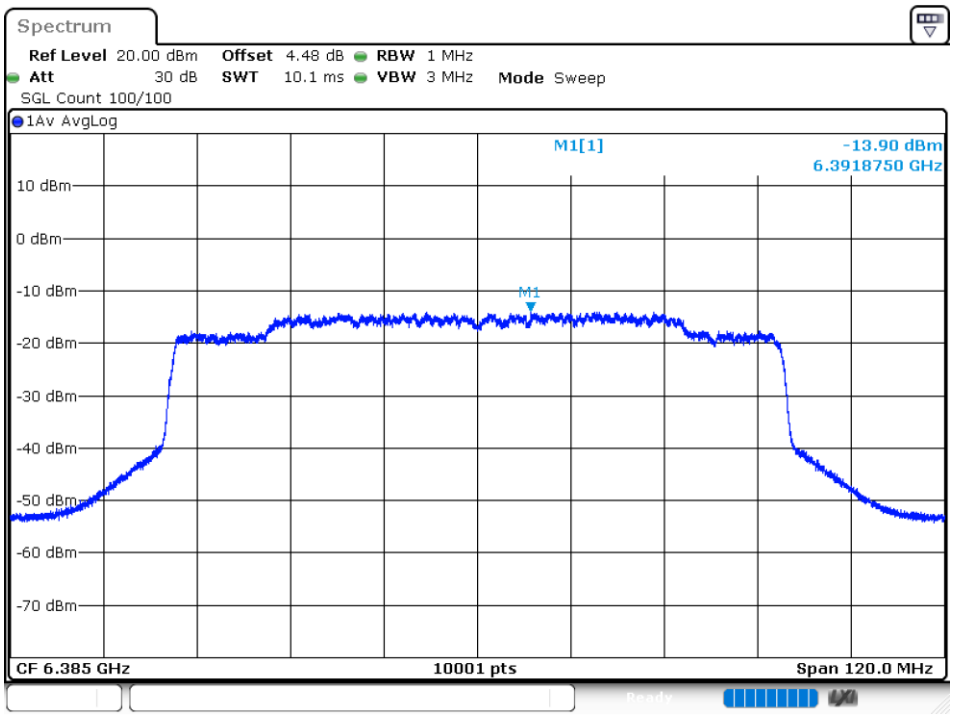
PSD NVNT ax80 5985MHz Ant2



PSD NVNT ax80 6145MHz Ant2



PSD NVNT ax80 6385MHz Ant2

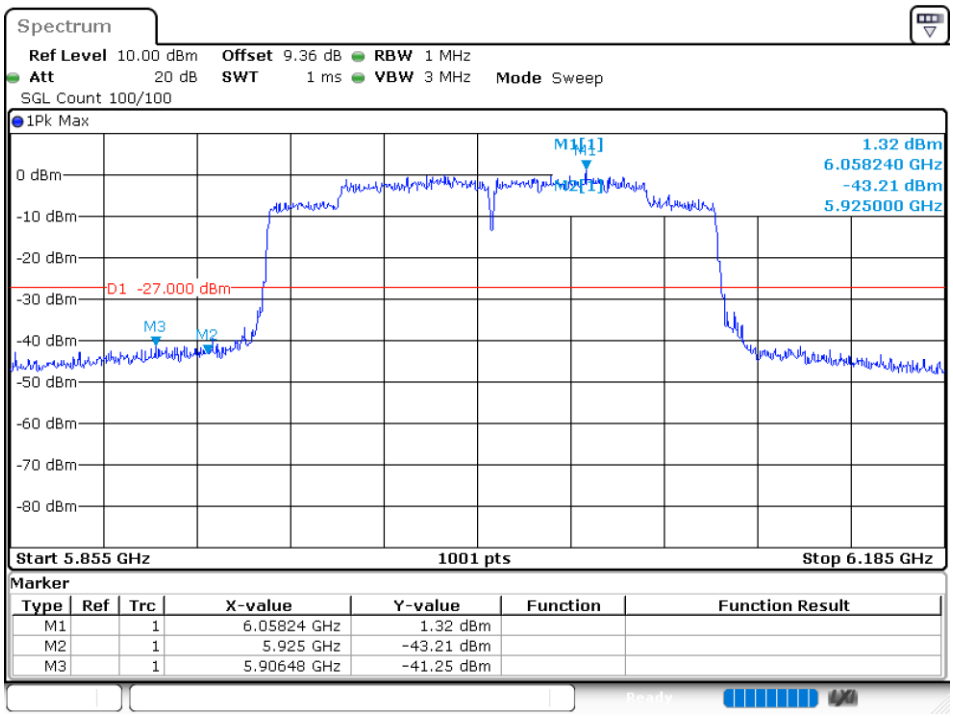


Band Edge

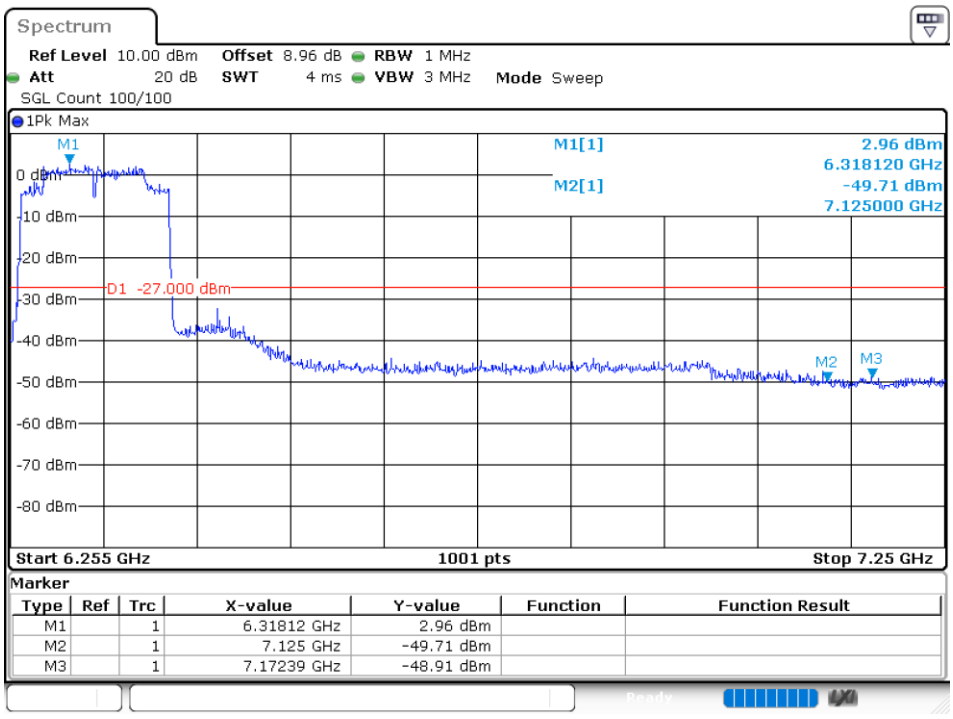
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	-41.24	-27	Pass
NVNT	ax160	6345	Ant1	-48.9	-27	Pass
NVNT	ax160	6025	Ant2	-41.99	-27	Pass
NVNT	ax160	6345	Ant2	-37.75	-27	Pass
NVNT	ax20	5955	Ant1	-44.57	-27	Pass
NVNT	ax20	6415	Ant1	-46.95	-27	Pass
NVNT	ax20	5955	Ant2	-42.56	-27	Pass
NVNT	ax20	6415	Ant2	-47.37	-27	Pass
NVNT	ax40	5965	Ant1	-40.48	-27	Pass
NVNT	ax40	6405	Ant1	-47.24	-27	Pass
NVNT	ax40	5965	Ant2	-45.4	-27	Pass
NVNT	ax40	6405	Ant2	-48.44	-27	Pass
NVNT	ax80	5985	Ant1	-38.62	-27	Pass
NVNT	ax80	6385	Ant1	-48.4	-27	Pass
NVNT	ax80	5985	Ant2	-45.37	-27	Pass
NVNT	ax80	6385	Ant2	-48.42	-27	Pass

Test Graphs

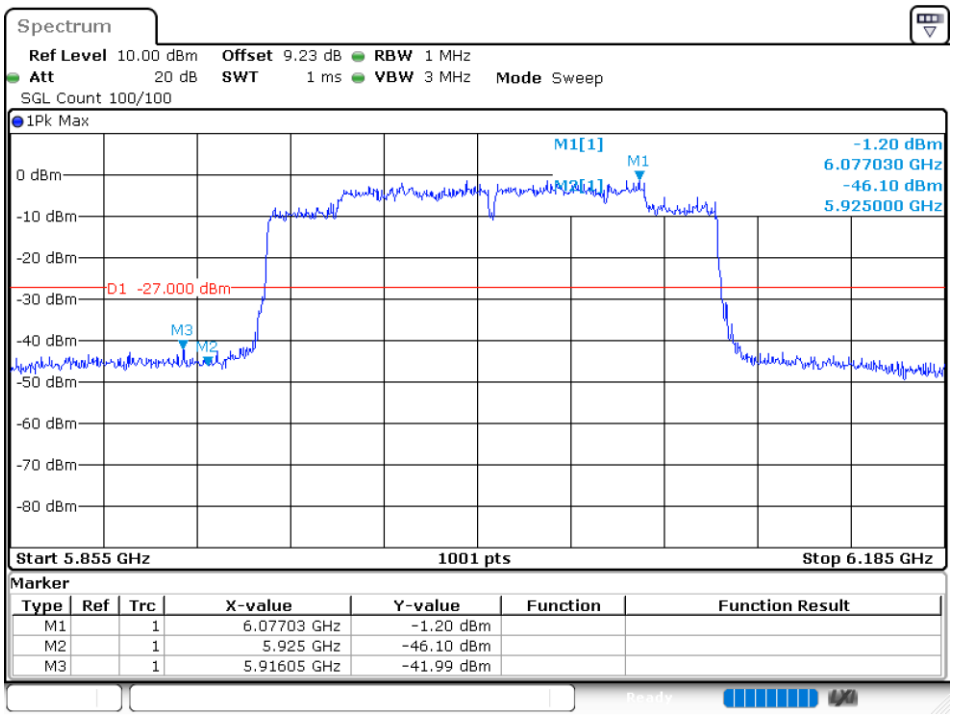
Band Edge NVNT ax160 6025MHz Low Ant1



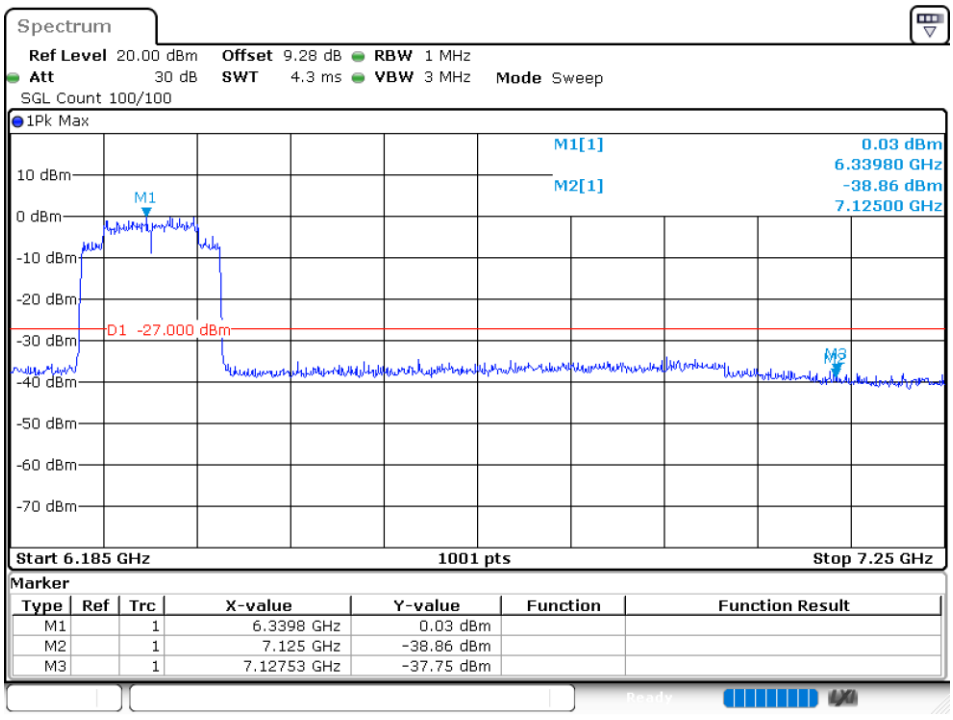
Band Edge NVNT ax160 6345MHz High Ant1



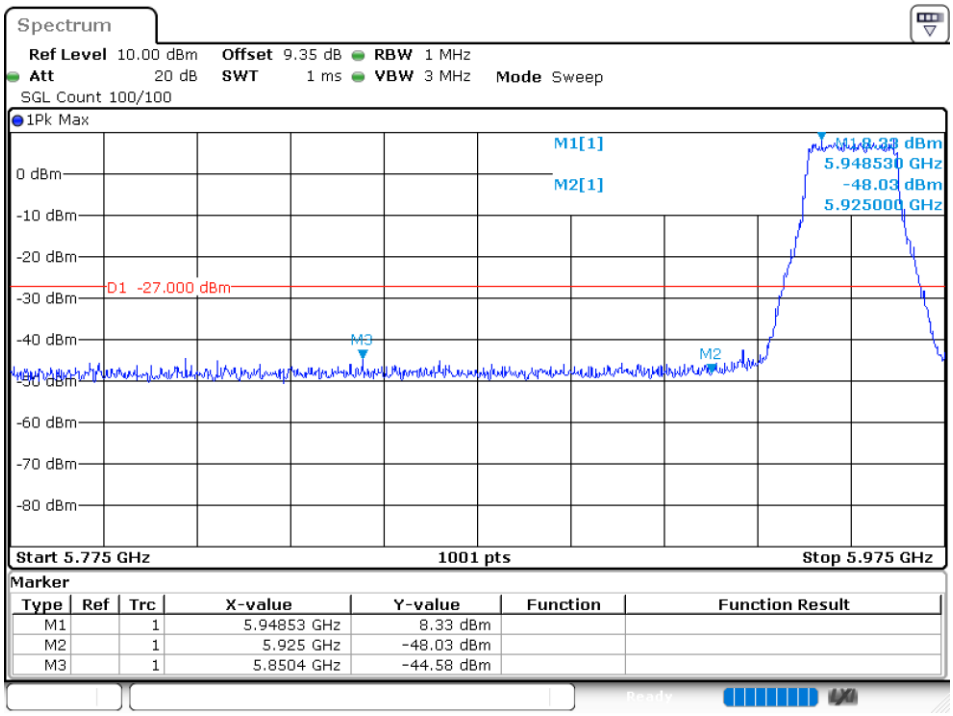
Band Edge NVNT ax160 6025MHz Low Ant2



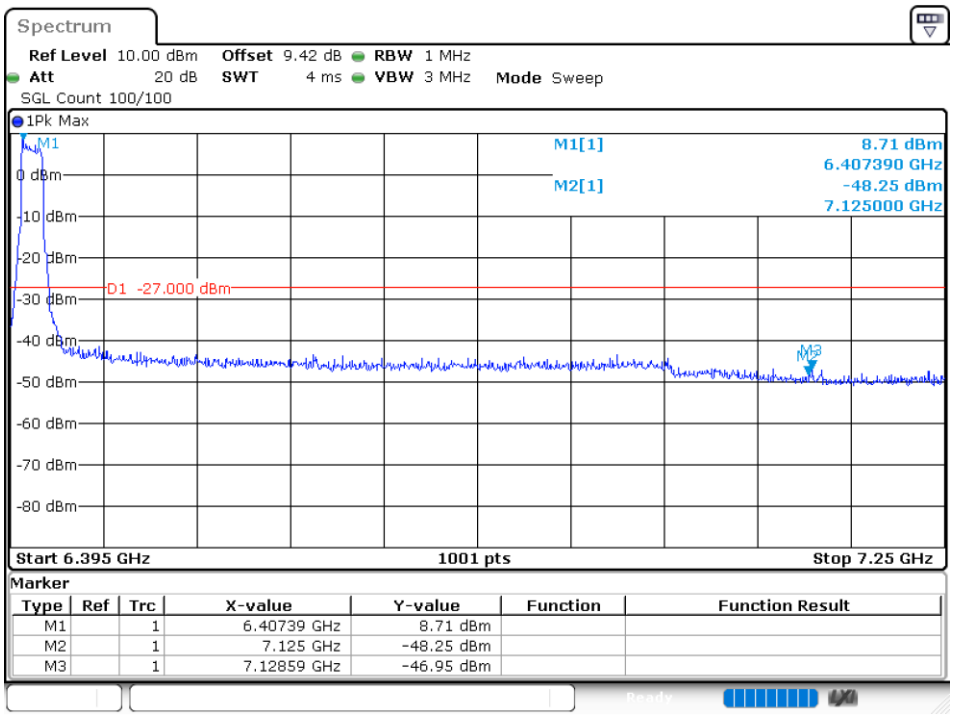
Band Edge NVNT ax160 6345MHz High Ant2



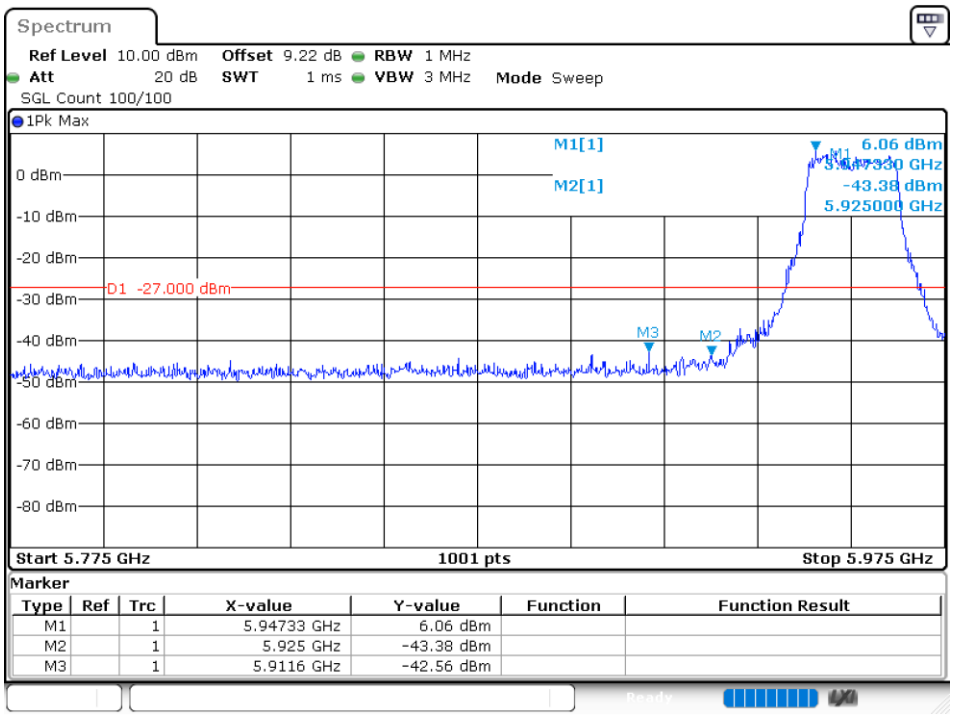
Band Edge NVNT ax20 5955MHz Low Ant1



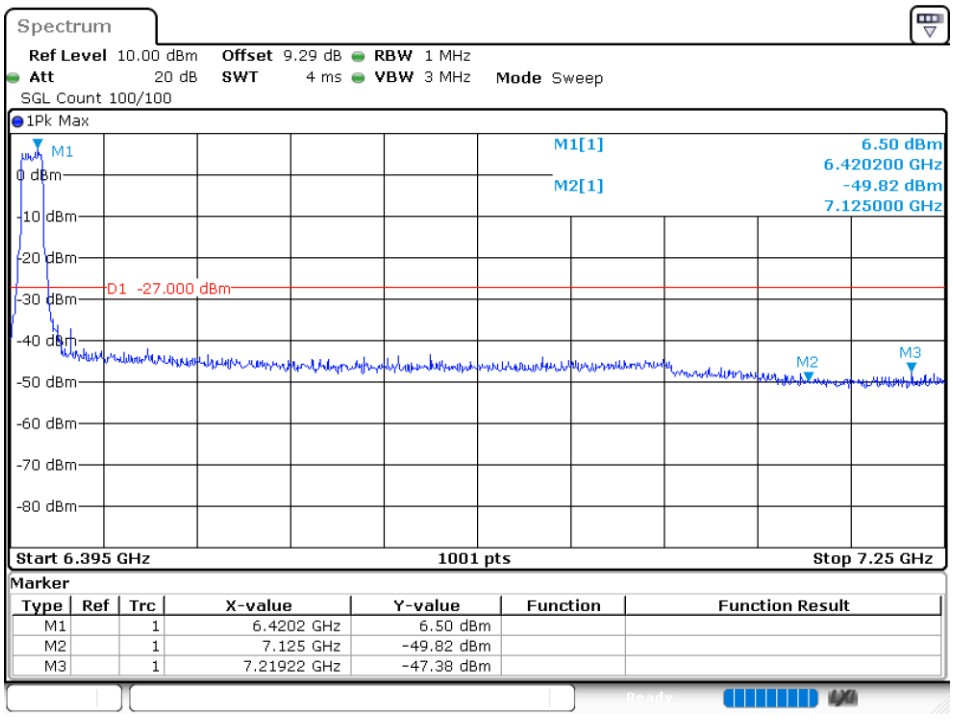
Band Edge NVNT ax20 6415MHz High Ant1



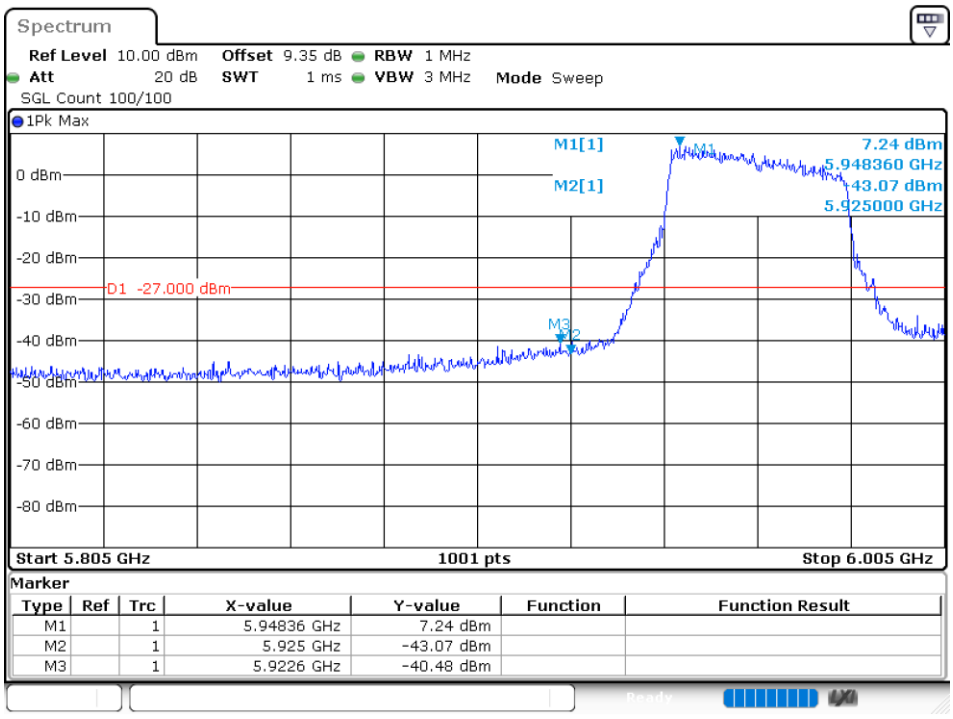
Band Edge NVNT ax20 5955MHz Low Ant2



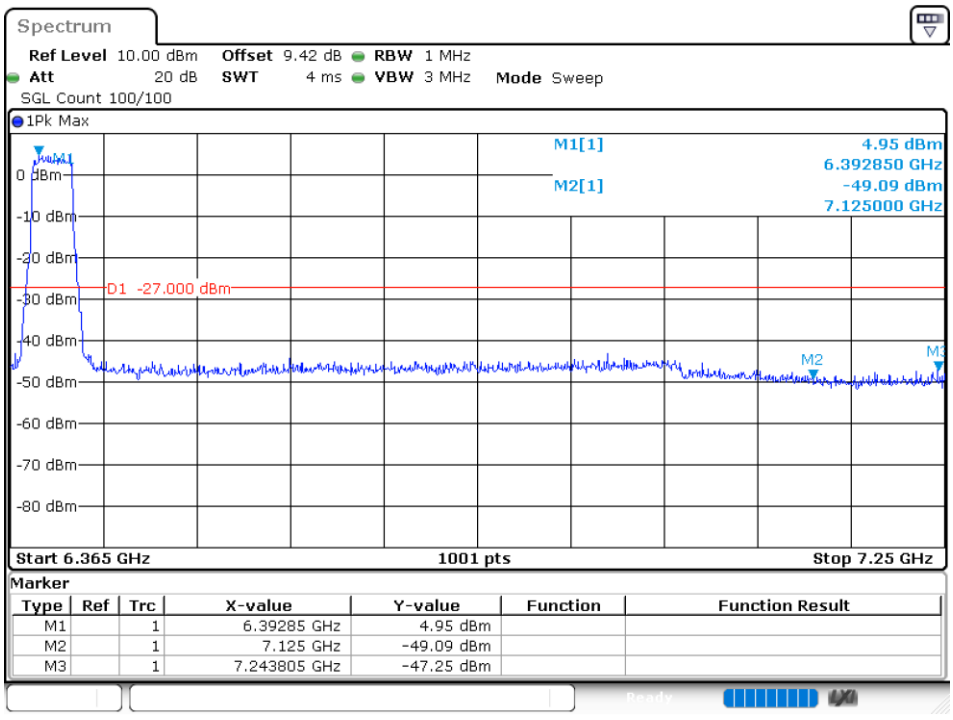
Band Edge NVNT ax20 6415MHz High Ant2



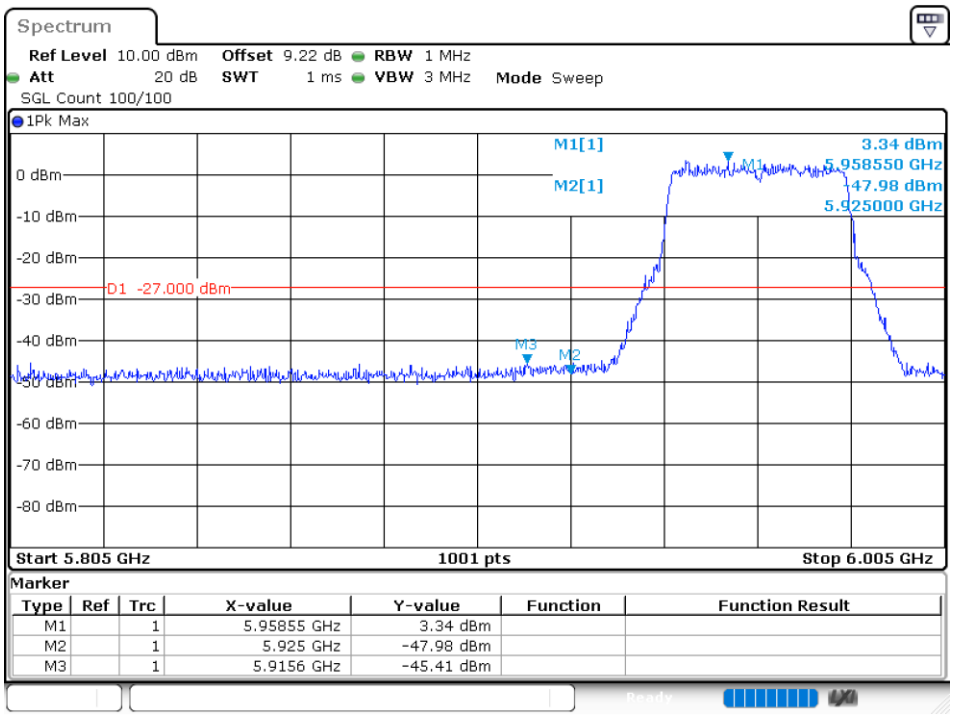
Band Edge NVNT ax40 5965MHz Low Ant1



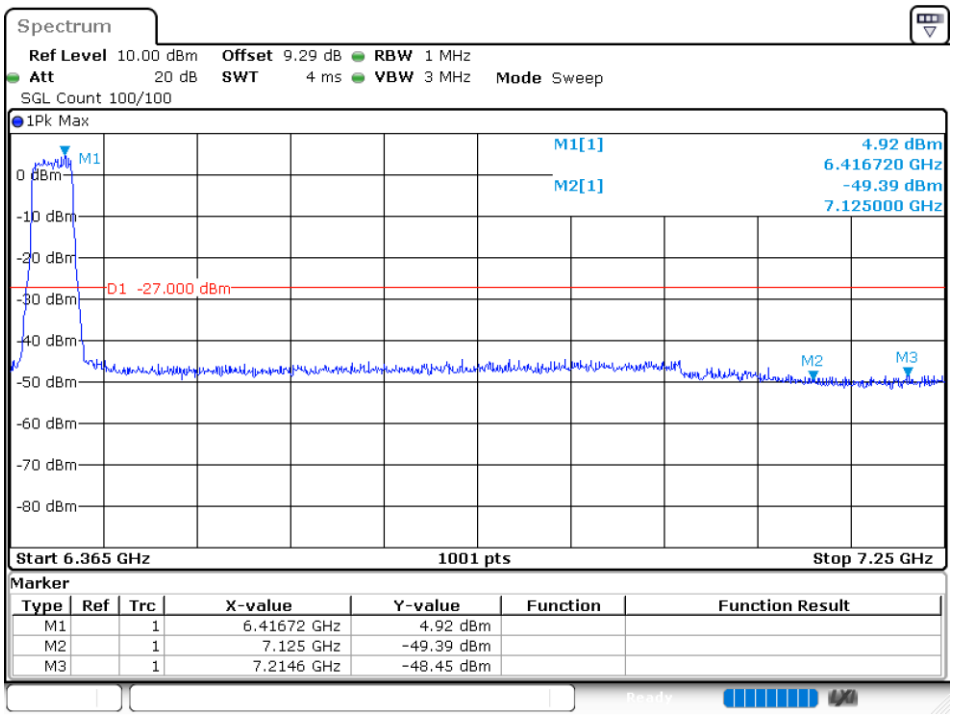
Band Edge NVNT ax40 6405MHz High Ant1



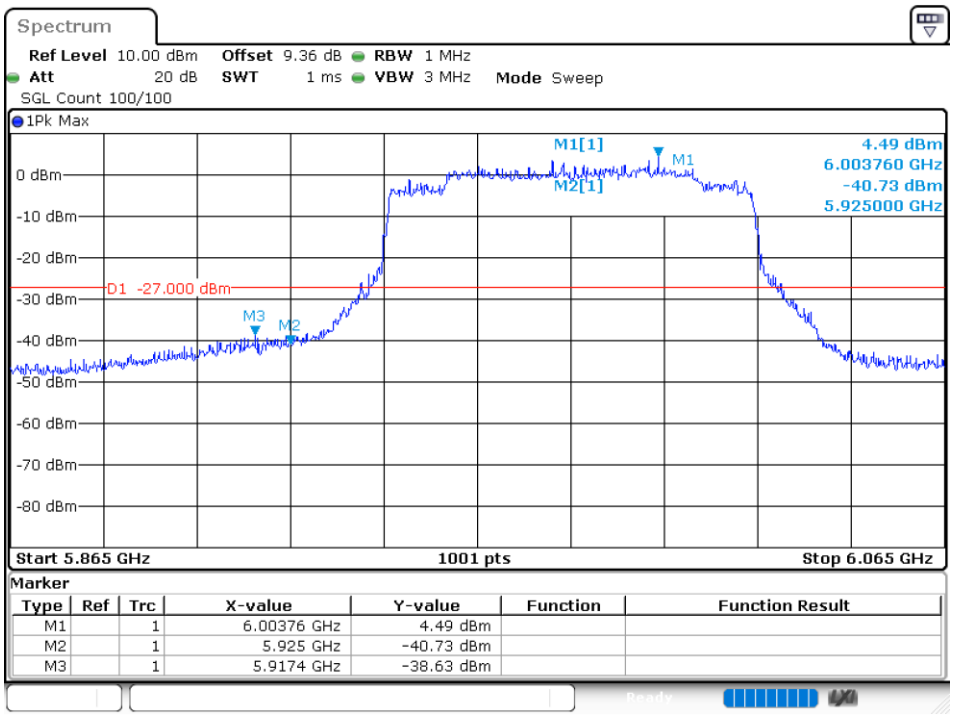
Band Edge NVNT ax40 5965MHz Low Ant2



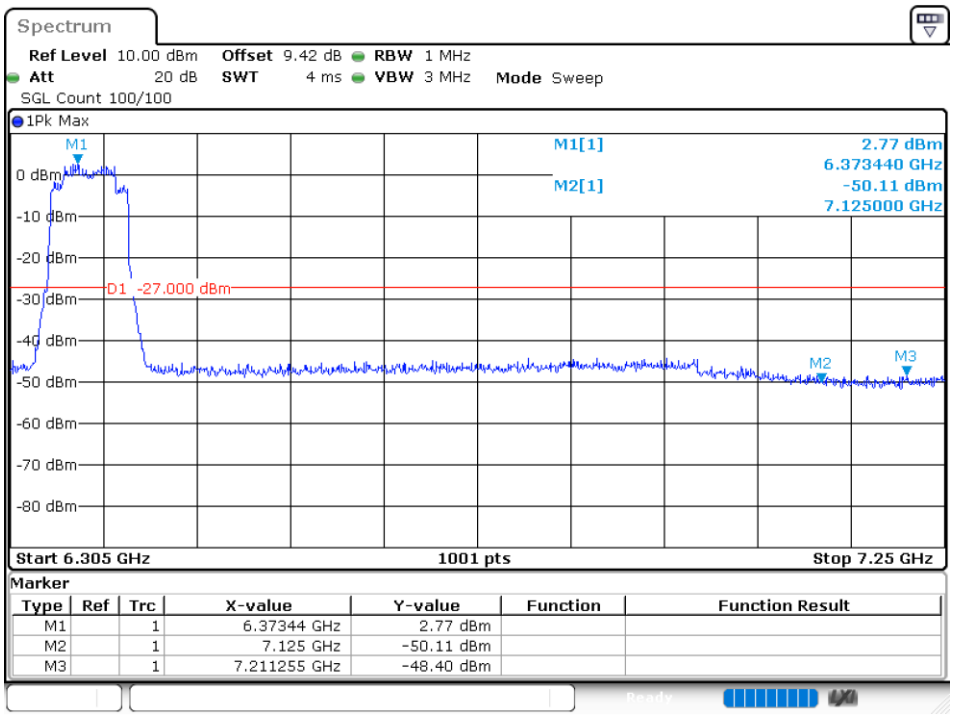
Band Edge NVNT ax40 6405MHz High Ant2



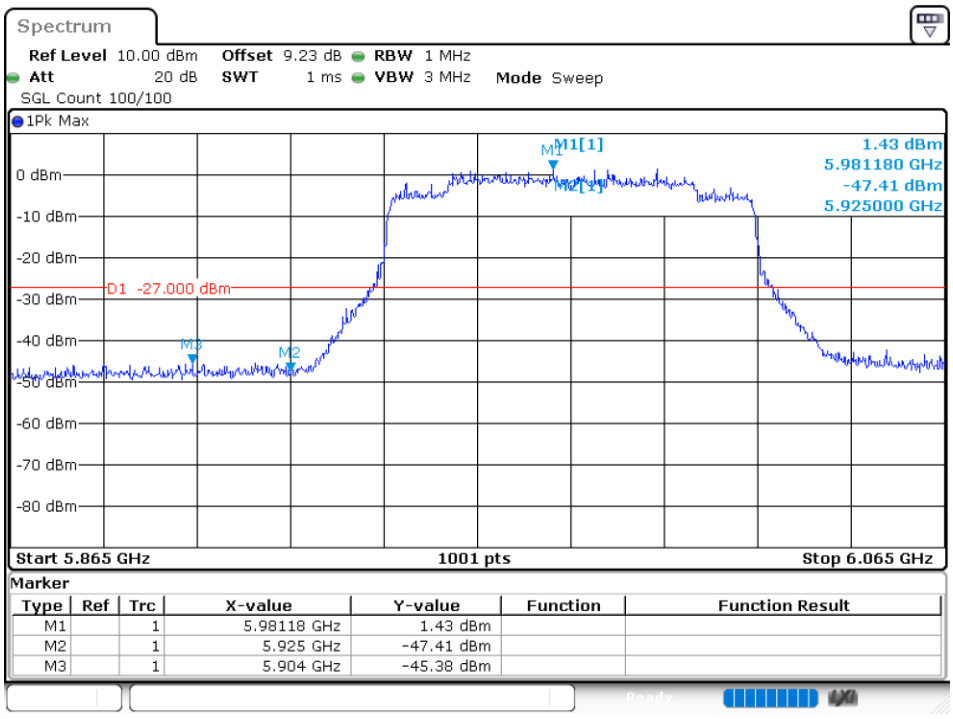
Band Edge NVNT ax80 5985MHz Low Ant1



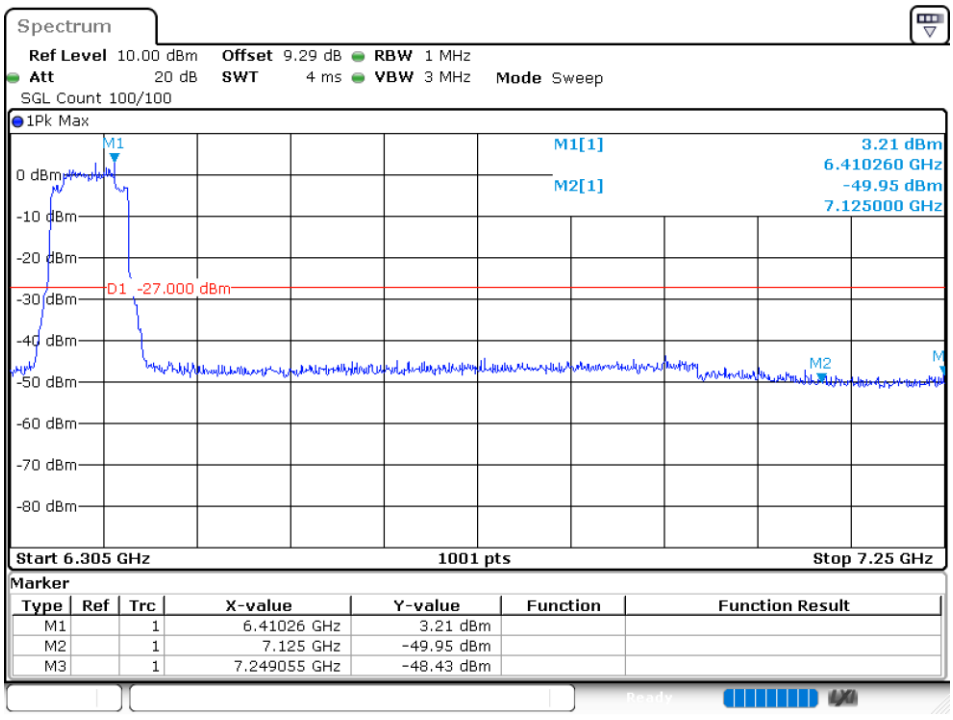
Band Edge NVNT ax80 6385MHz High Ant1



Band Edge NVNT ax80 5985MHz Low Ant2



Band Edge NVNT ax80 6385MHz High Ant2

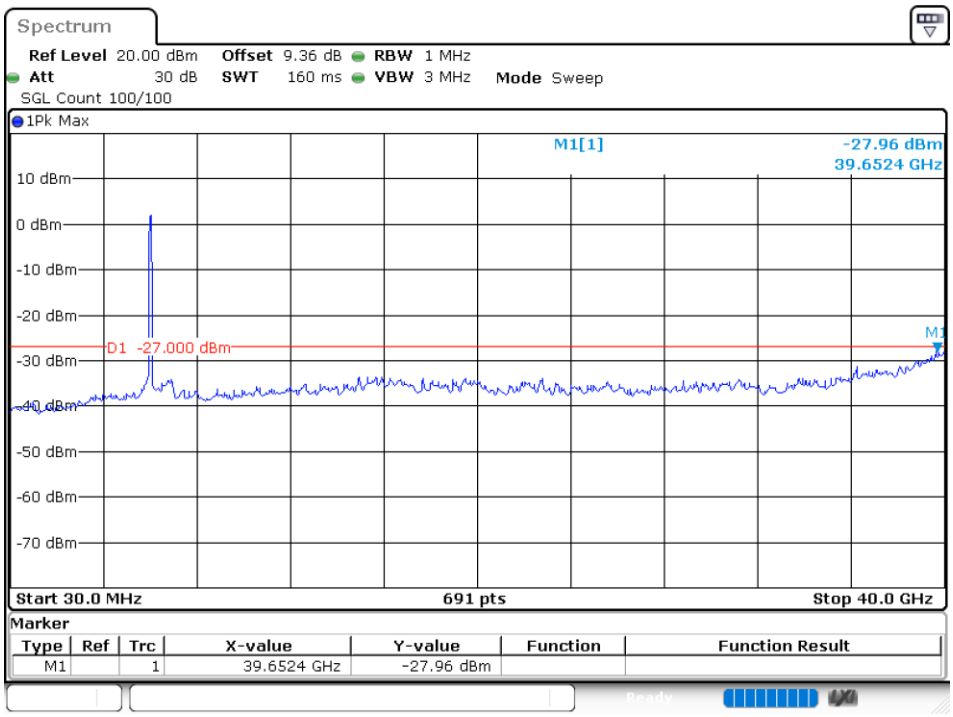


Conducted RF Spurious Emission

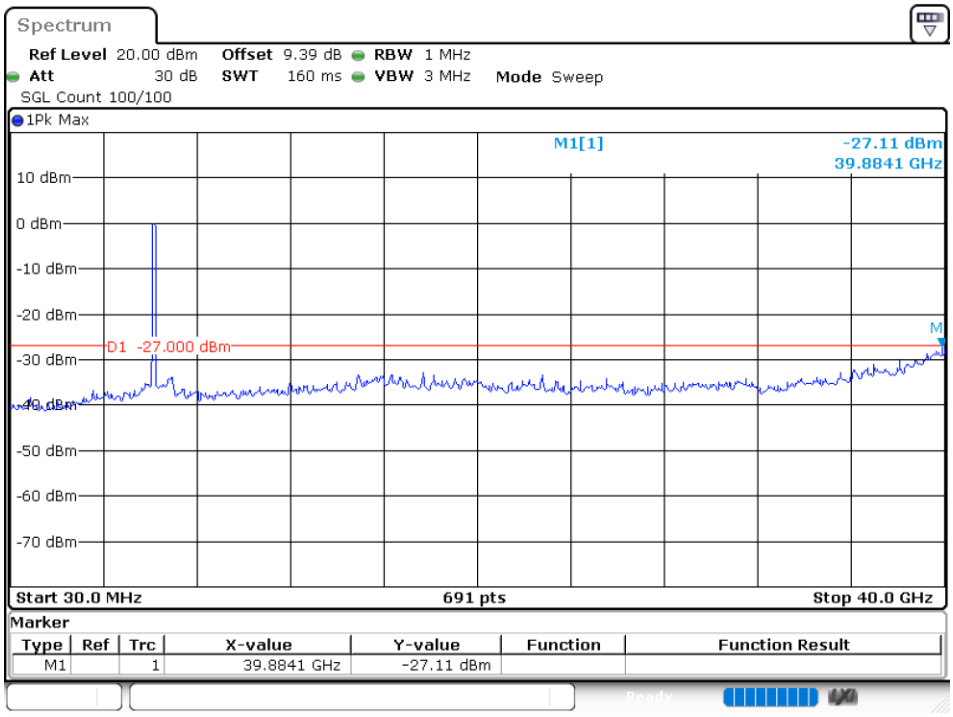
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	-27.95	-27	Pass
NVNT	ax160	6185	Ant1	-27.11	-27	Pass
NVNT	ax160	6345	Ant1	-27.91	-27	Pass
NVNT	ax160	6025	Ant2	-27.53	-27	Pass
NVNT	ax160	6185	Ant2	-27.74	-27	Pass
NVNT	ax160	6345	Ant2	-37.3	-27	Pass
NVNT	ax20	5955	Ant1	-28.16	-27	Pass
NVNT	ax20	6175	Ant1	-28.28	-27	Pass
NVNT	ax20	6415	Ant1	-28	-27	Pass
NVNT	ax20	5955	Ant2	-28.45	-27	Pass
NVNT	ax20	6175	Ant2	-27.45	-27	Pass
NVNT	ax20	6415	Ant2	-28.11	-27	Pass
NVNT	ax40	5965	Ant1	-27.8	-27	Pass
NVNT	ax40	6165	Ant1	-27.67	-27	Pass
NVNT	ax40	6405	Ant1	-28.74	-27	Pass
NVNT	ax40	5965	Ant2	-28.2	-27	Pass
NVNT	ax40	6165	Ant2	-27.96	-27	Pass
NVNT	ax40	6405	Ant2	-27.64	-27	Pass
NVNT	ax80	5985	Ant1	-27.92	-27	Pass
NVNT	ax80	6145	Ant1	-27.93	-27	Pass
NVNT	ax80	6385	Ant1	-27.9	-27	Pass
NVNT	ax80	5985	Ant2	-28.09	-27	Pass
NVNT	ax80	6145	Ant2	-27.78	-27	Pass
NVNT	ax80	6385	Ant2	-28.42	-27	Pass

Test Graphs

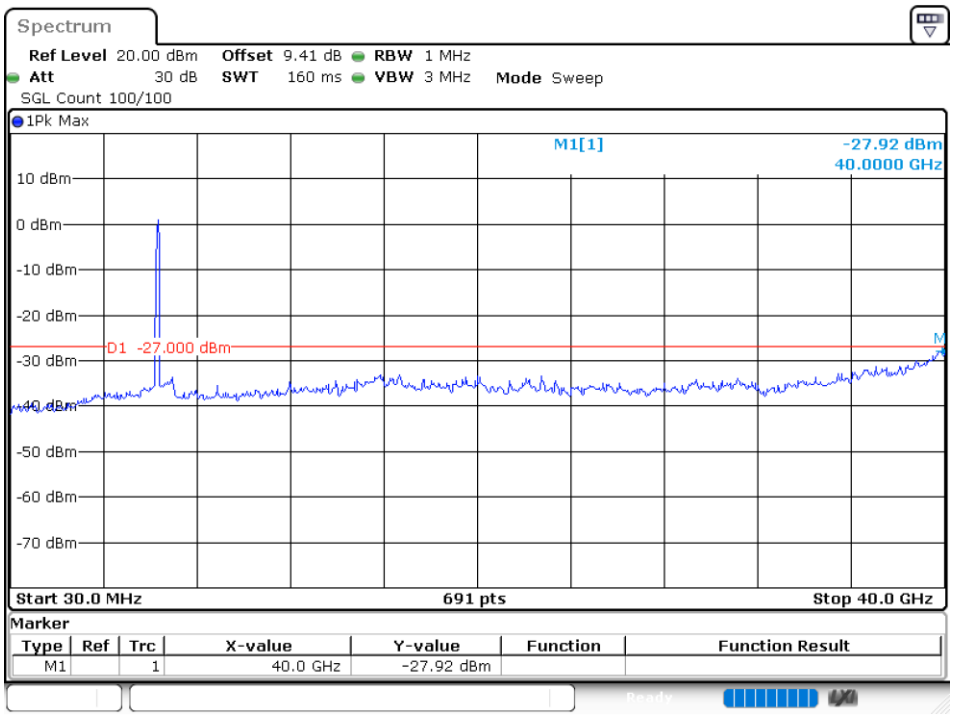
Tx. Spurious NVNT ax160 6025MHz Ant1 Emission



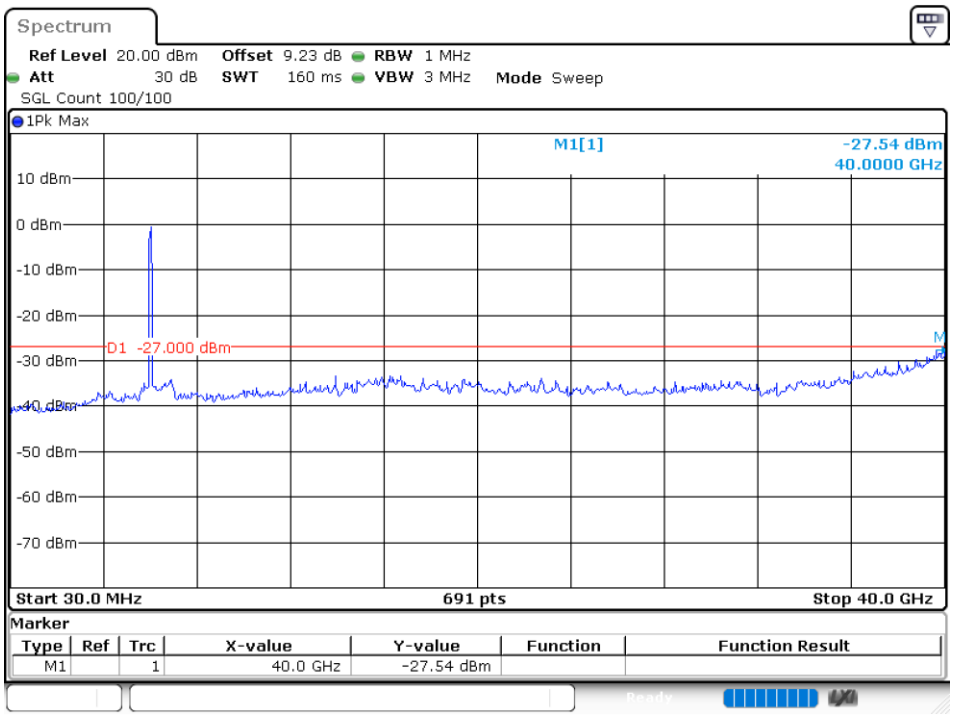
Tx. Spurious NVNT ax160 6185MHz Ant1 Emission



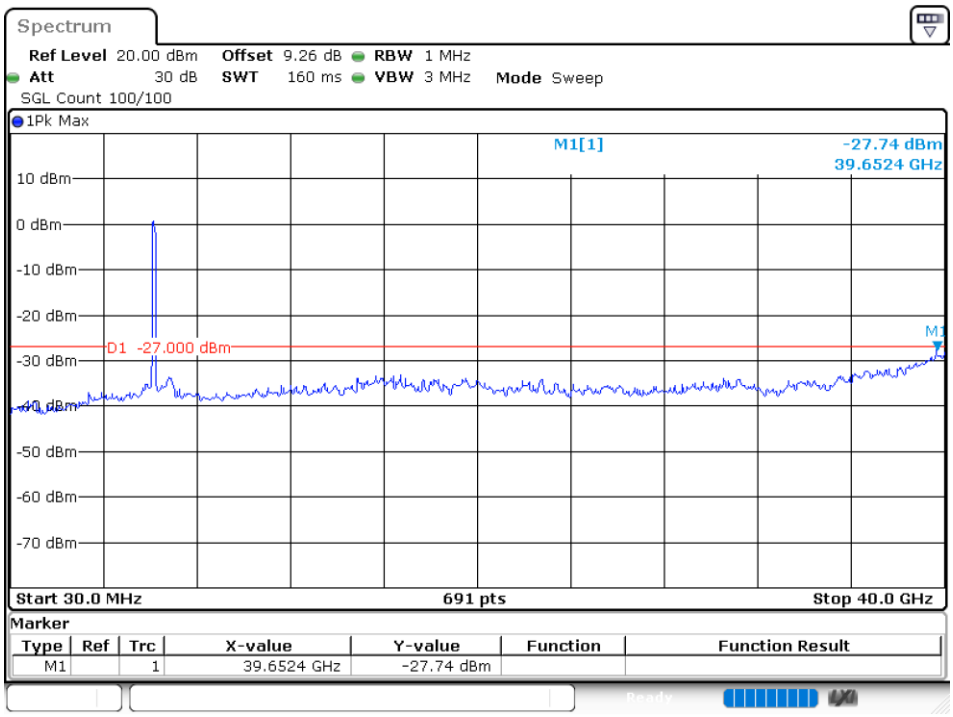
Tx. Spurious NVNT ax160 6345MHz Ant1 Emission



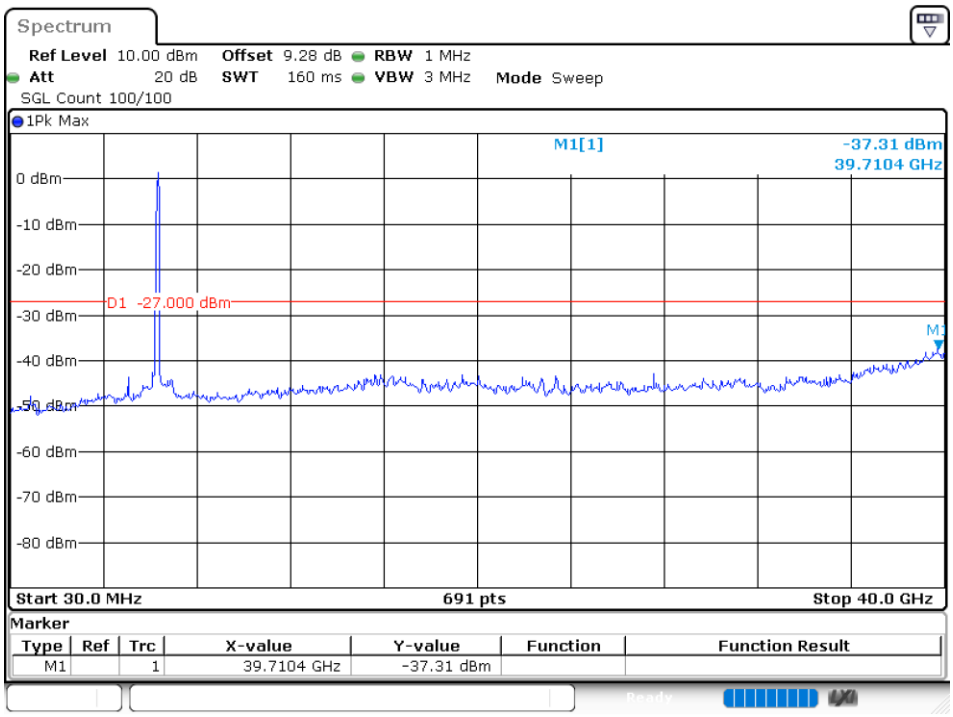
Tx. Spurious NVNT ax160 6025MHz Ant2 Emission



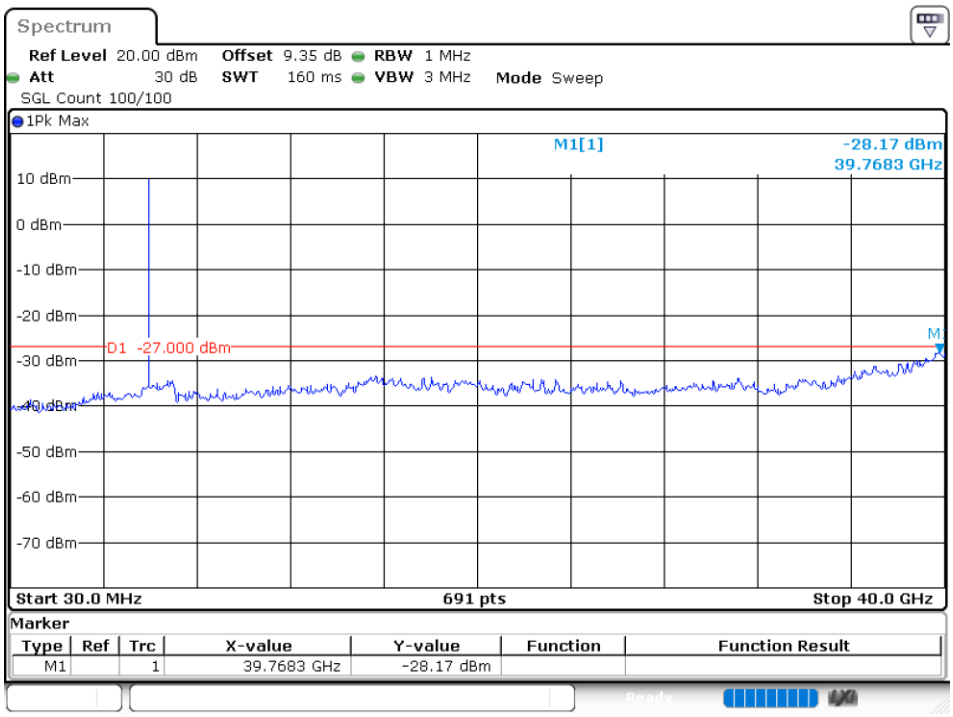
Tx. Spurious NVNT ax160 6185MHz Ant2 Emission



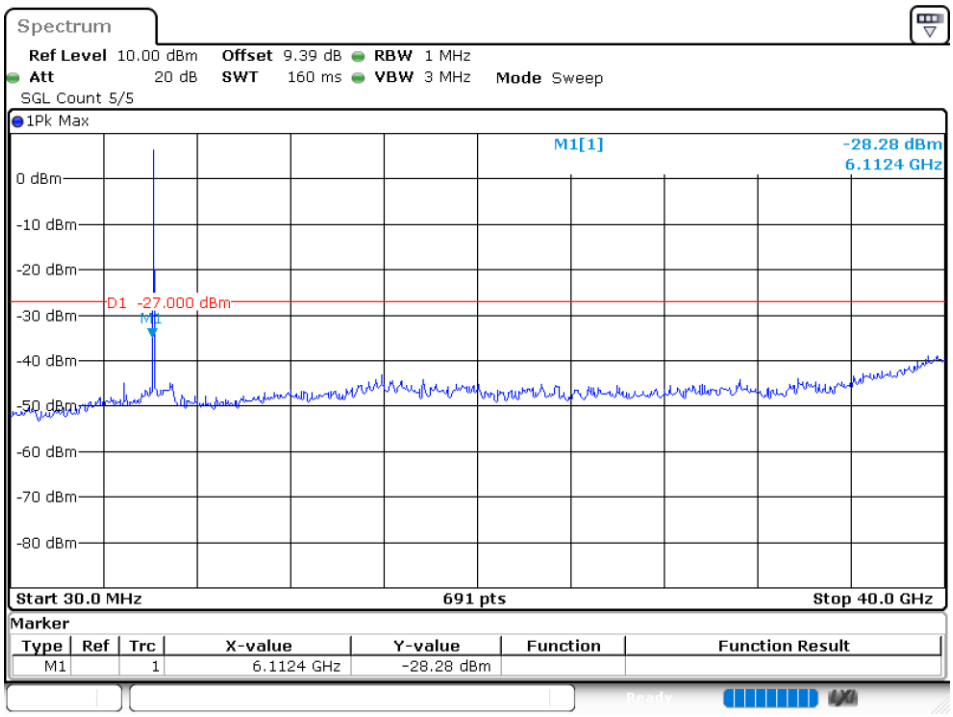
Tx. Spurious NVNT ax160 6345MHz Ant2 Emission



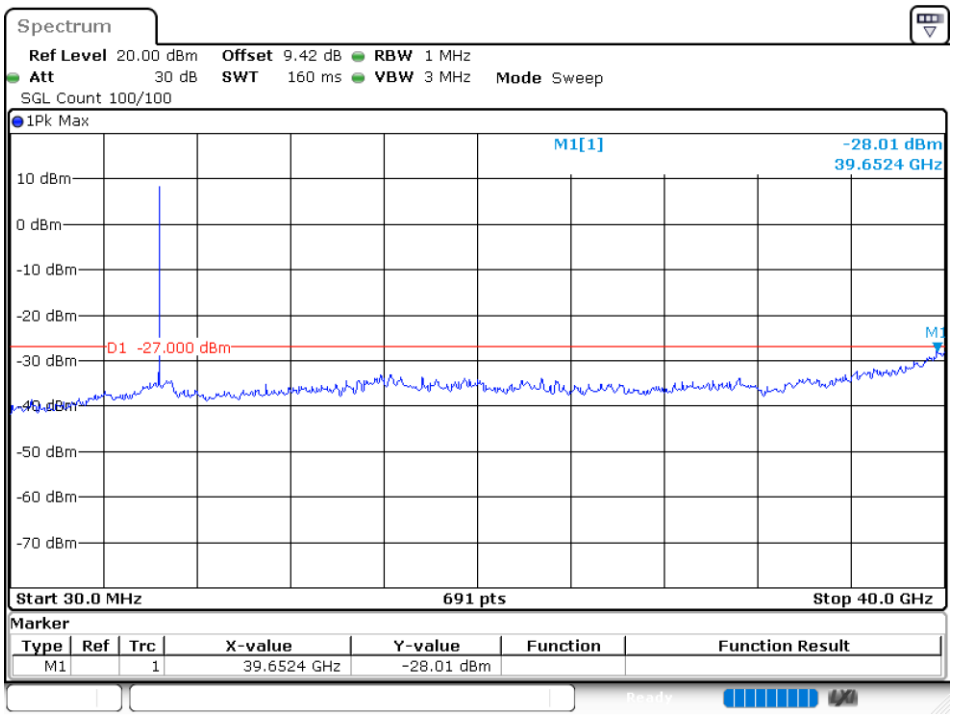
Tx. Spurious NVNT ax20 5955MHz Ant1 Emission



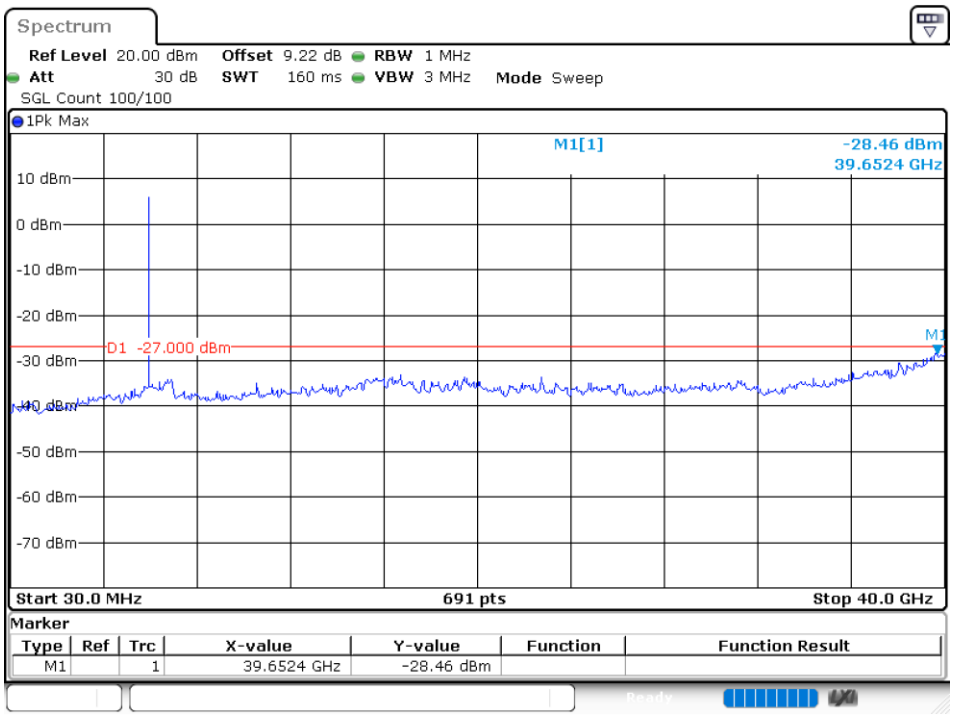
Tx. Spurious NVNT ax20 6175MHz Ant1 Emission



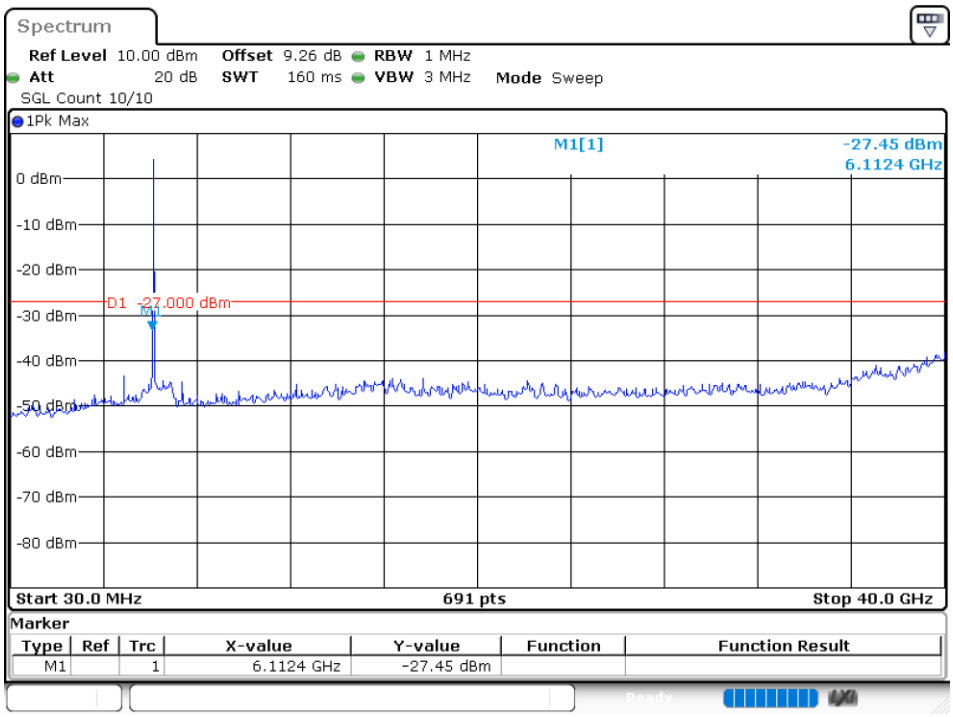
Tx. Spurious NVNT ax20 6415MHz Ant1 Emission



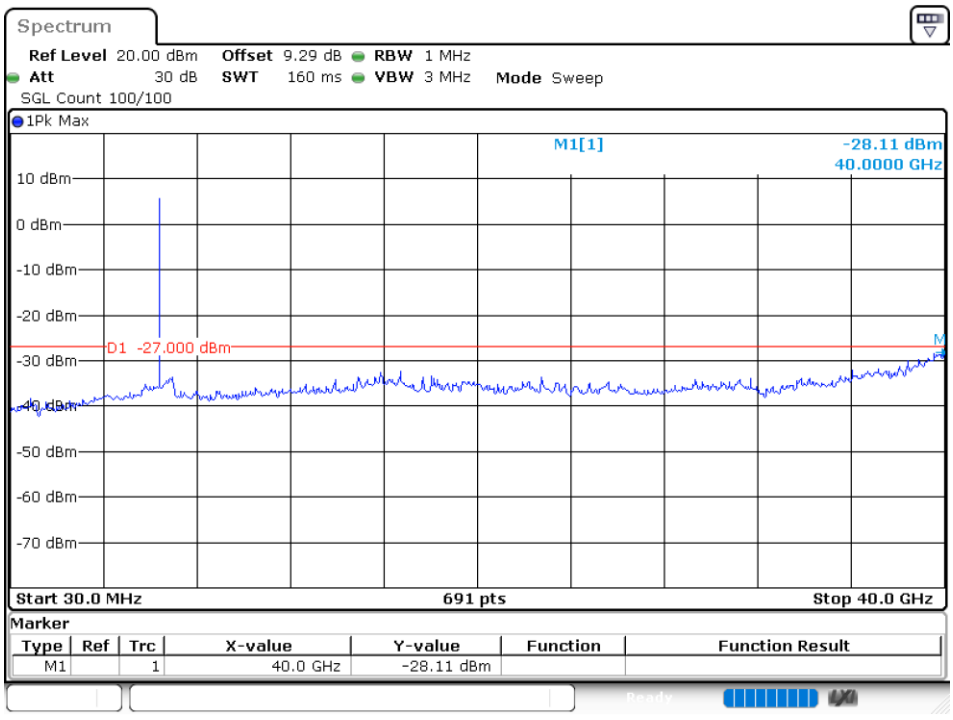
Tx. Spurious NVNT ax20 5955MHz Ant2 Emission



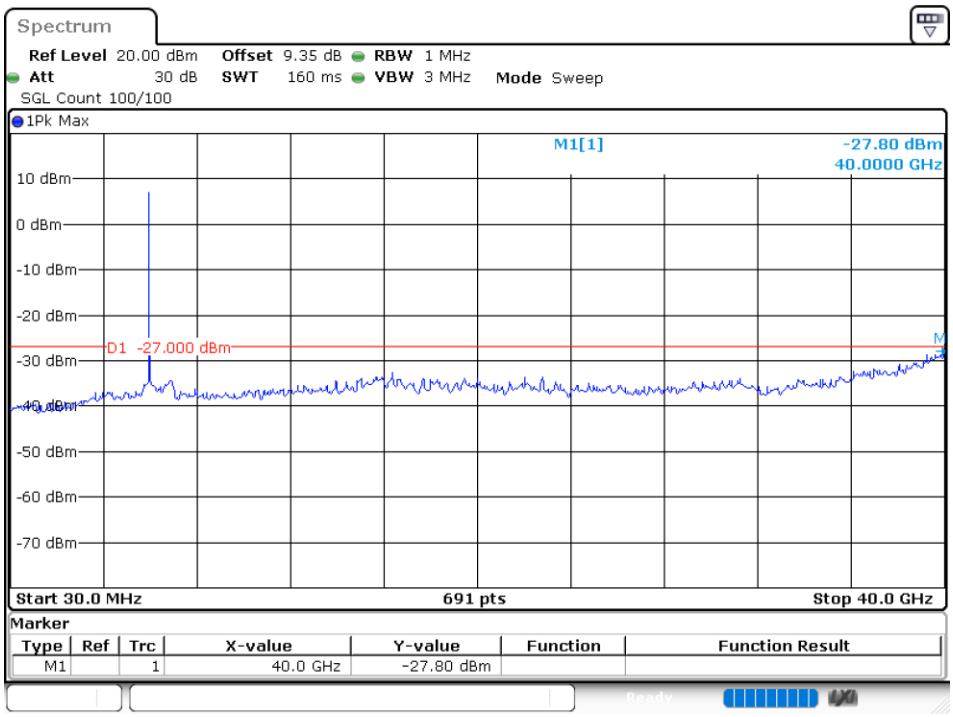
Tx. Spurious NVNT ax20 6175MHz Ant2 Emission



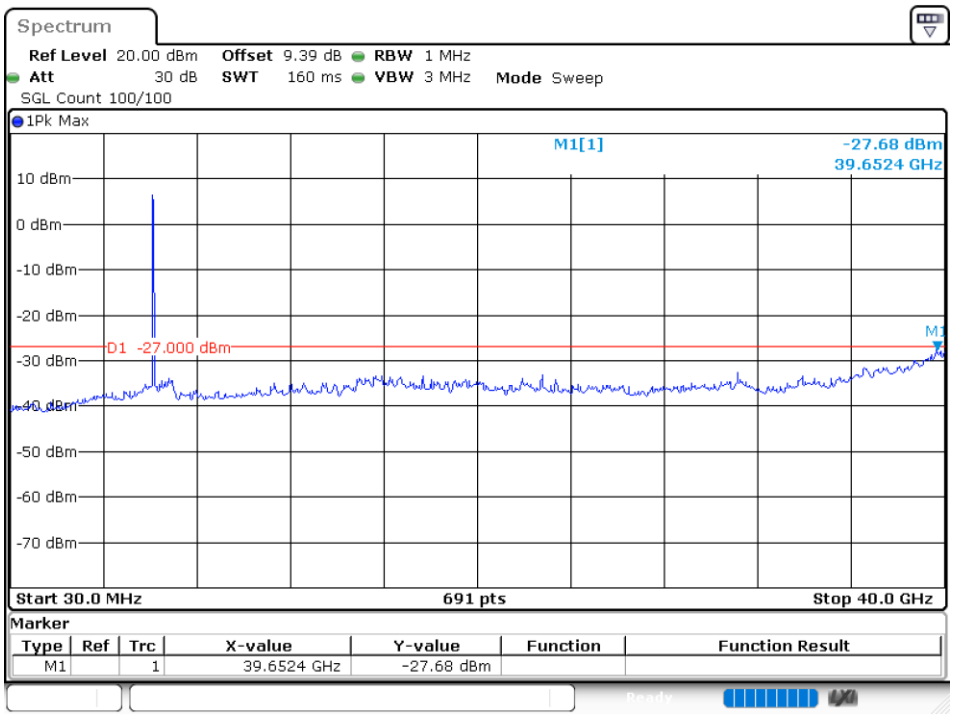
Tx. Spurious NVNT ax20 6415MHz Ant2 Emission



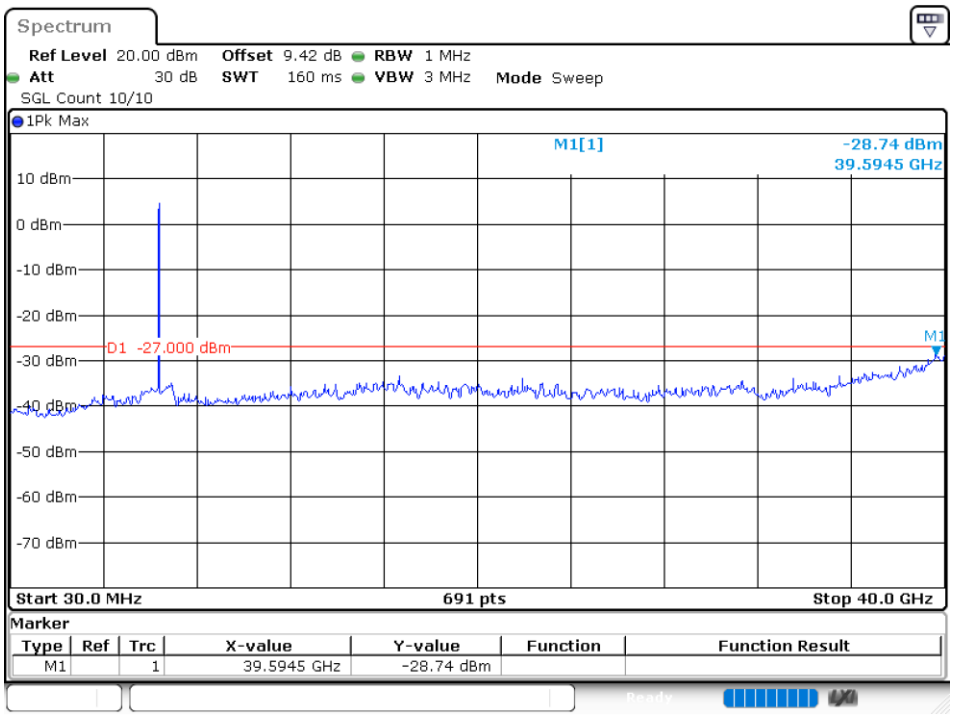
Tx. Spurious NVNT ax40 5965MHz Ant1 Emission



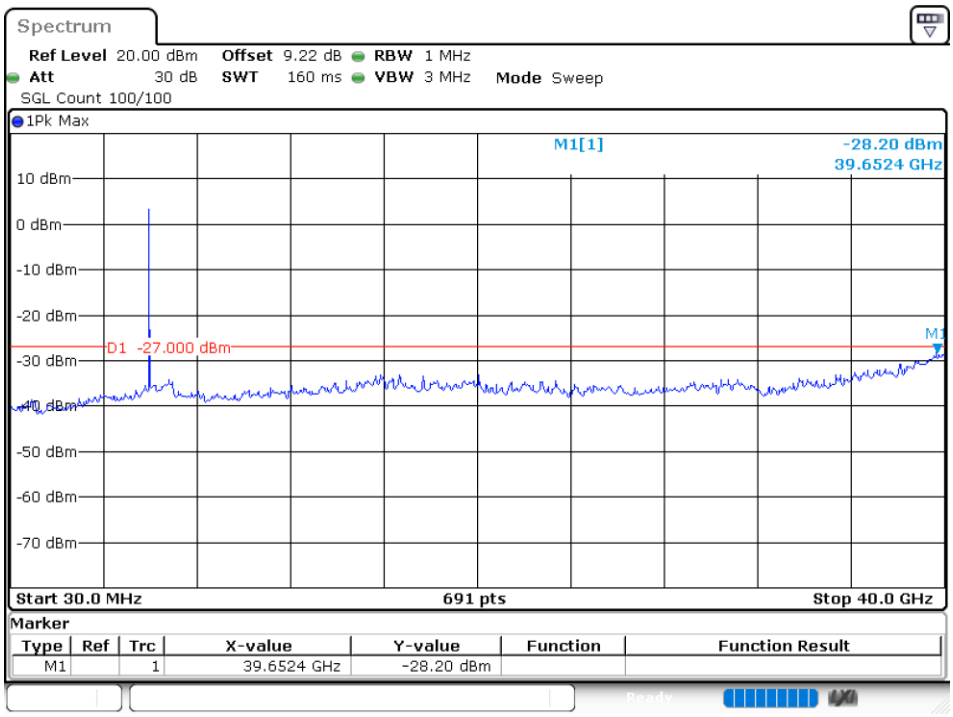
Tx. Spurious NVNT ax40 6165MHz Ant1 Emission



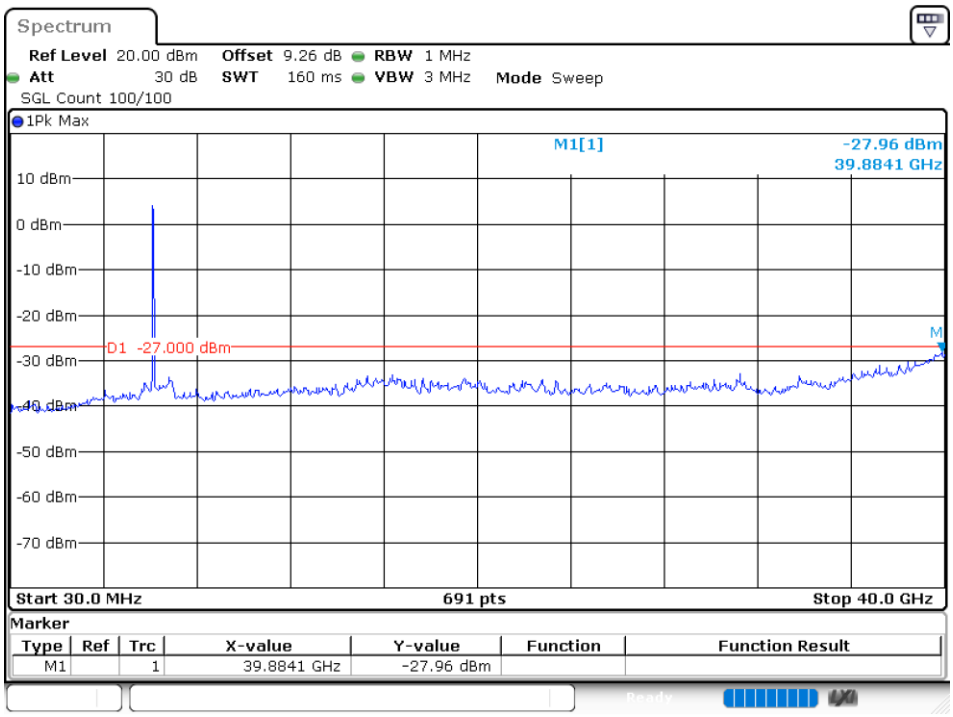
Tx. Spurious NVNT ax40 6405MHz Ant1 Emission



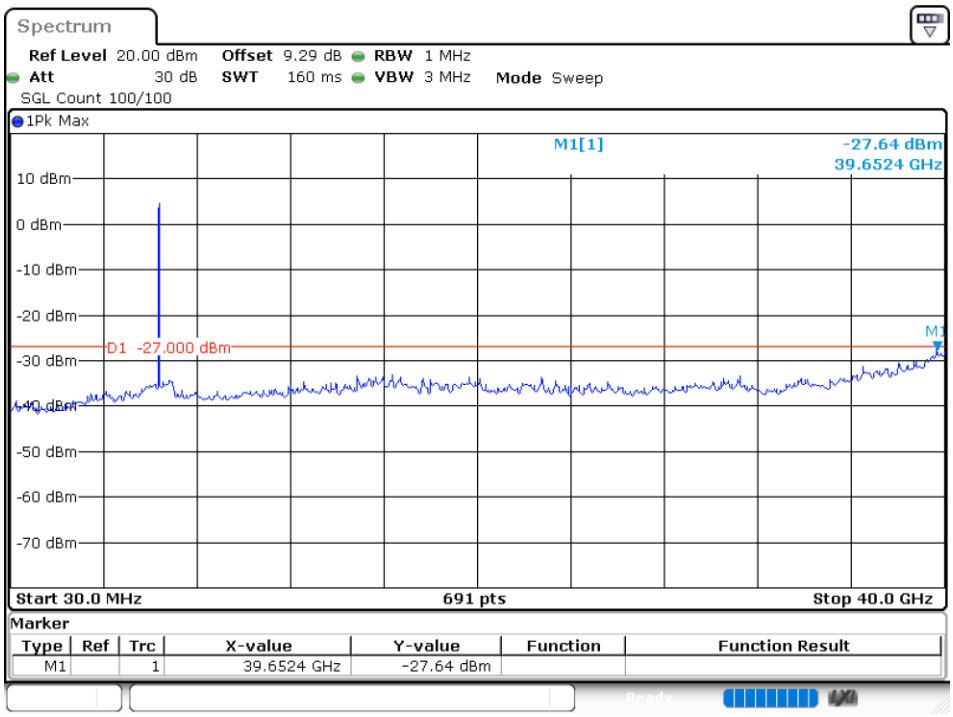
Tx. Spurious NVNT ax40 5965MHz Ant2 Emission



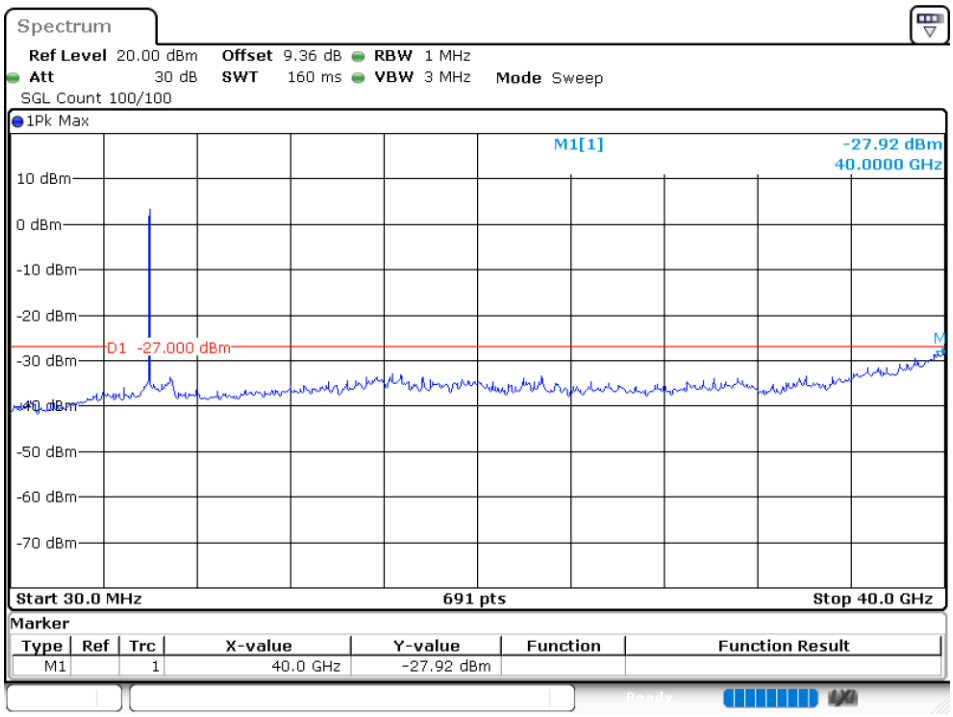
Tx. Spurious NVNT ax40 6165MHz Ant2 Emission



Tx. Spurious NVNT ax40 6405MHz Ant2 Emission



Tx. Spurious NVNT ax80 5985MHz Ant1 Emission



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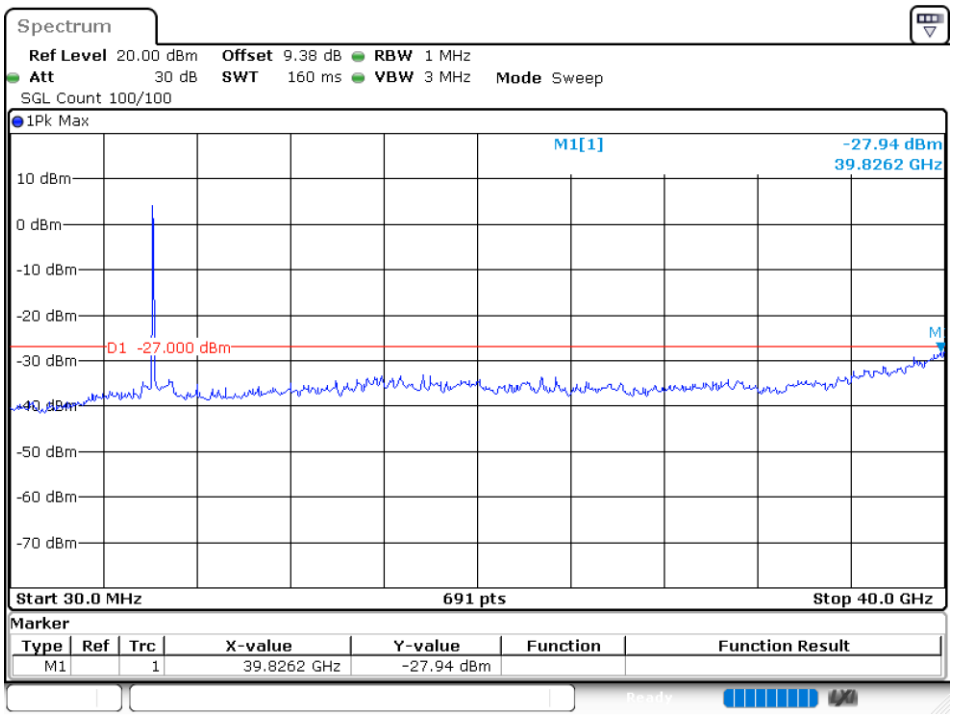
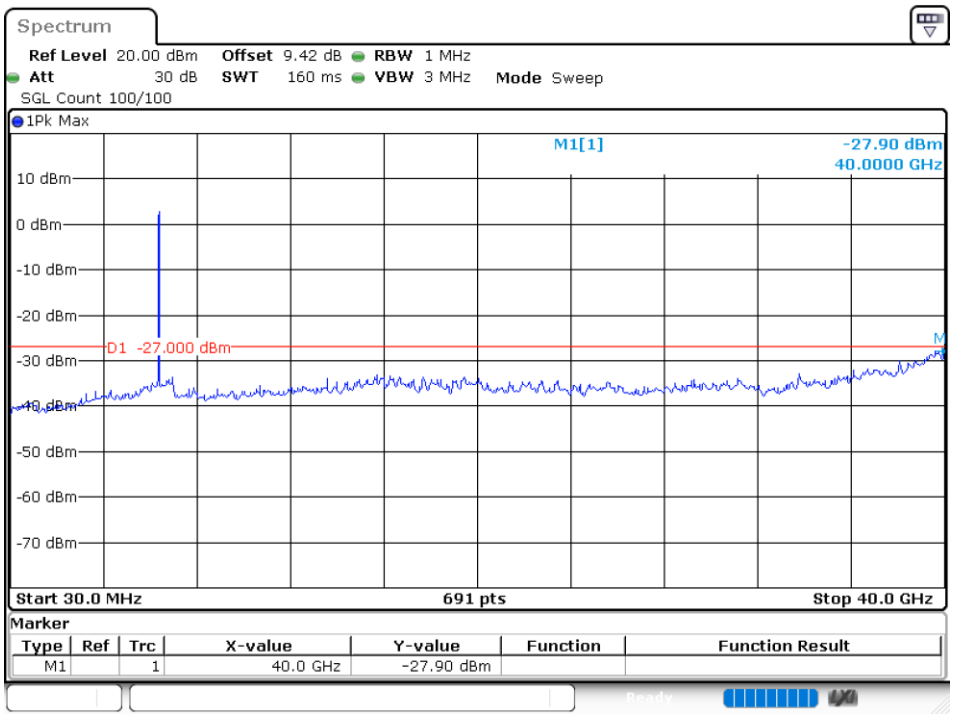
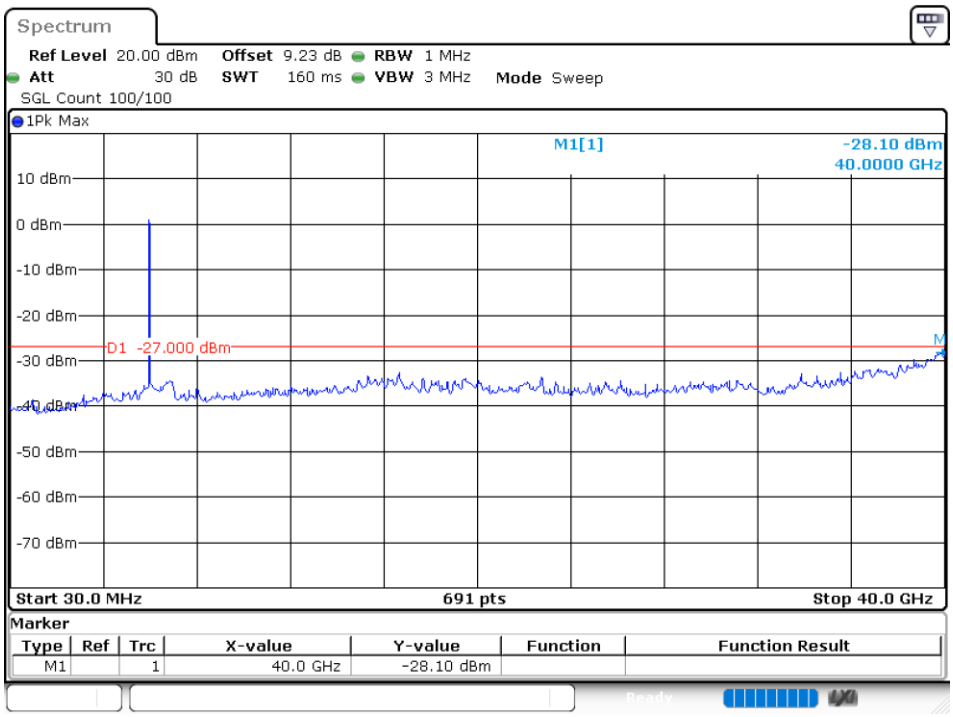


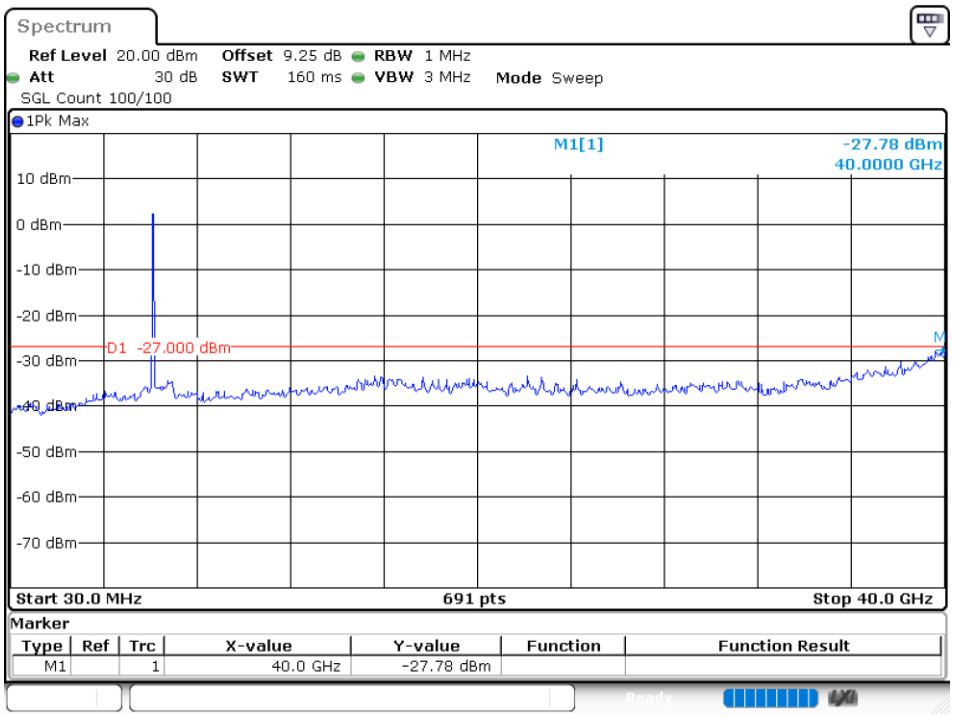
Tx. Spurious NVNT ax80 6385MHz Ant1 Emission



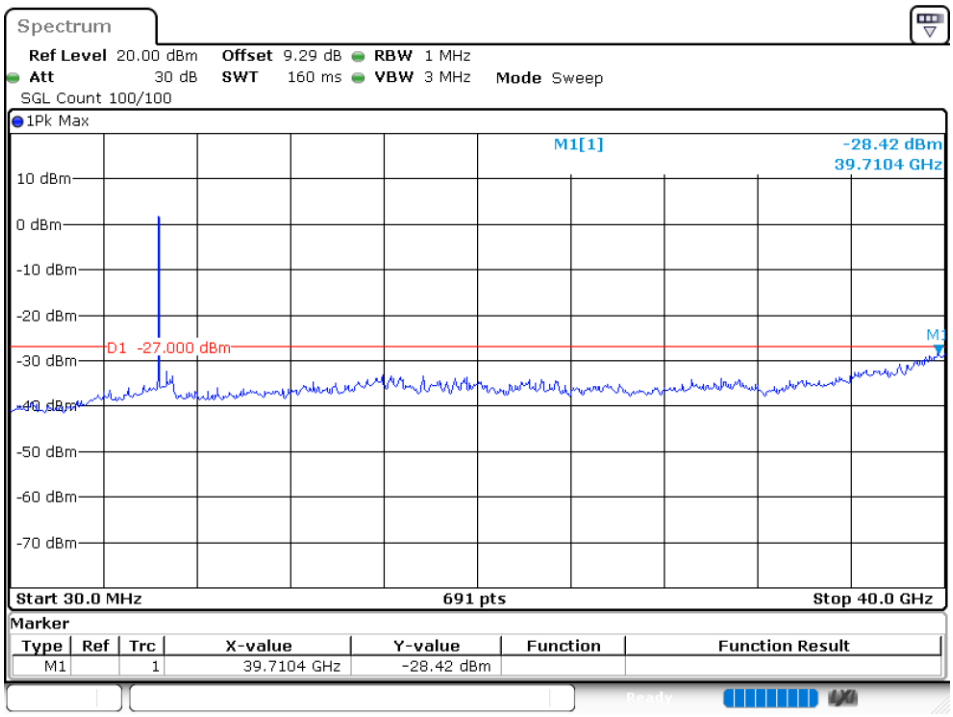
Tx. Spurious NVNT ax80 5985MHz Ant2 Emission



Tx. Spurious NVNT ax80 6145MHz Ant2 Emission

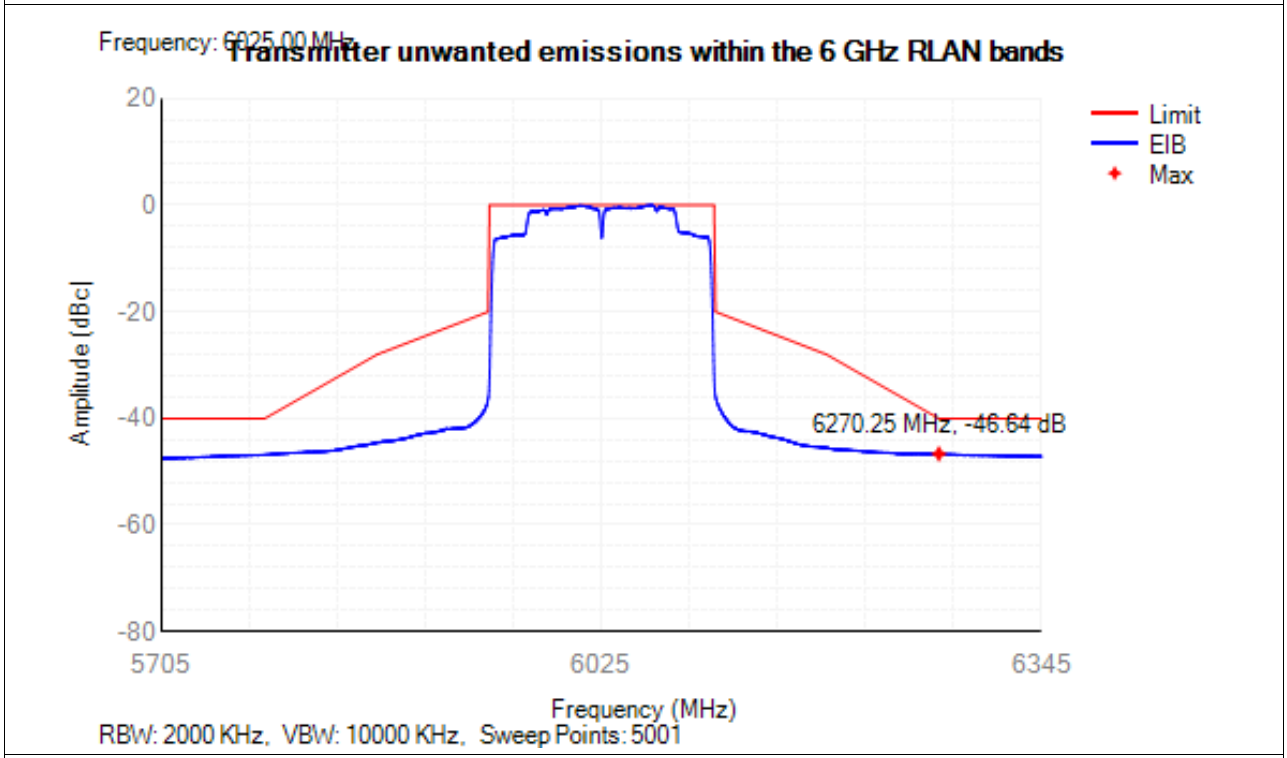
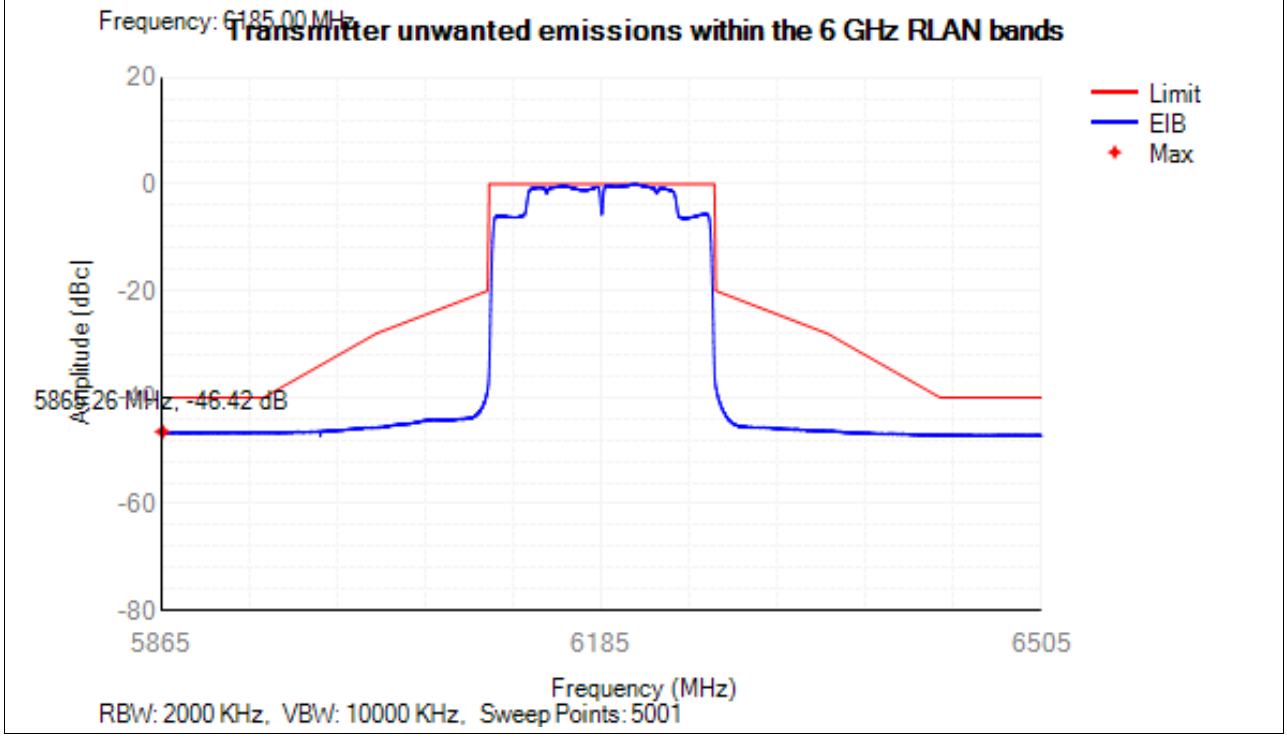


Tx. Spurious NVNT ax80 6385MHz Ant2 Emission

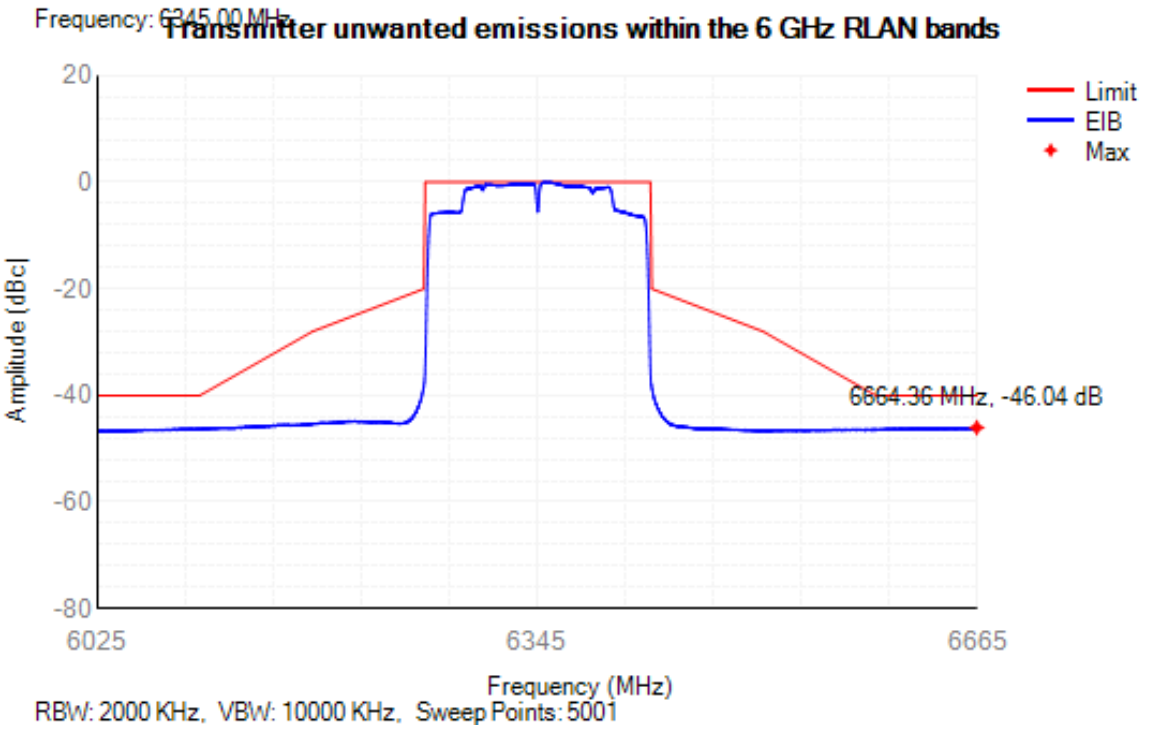


Power spectral mask

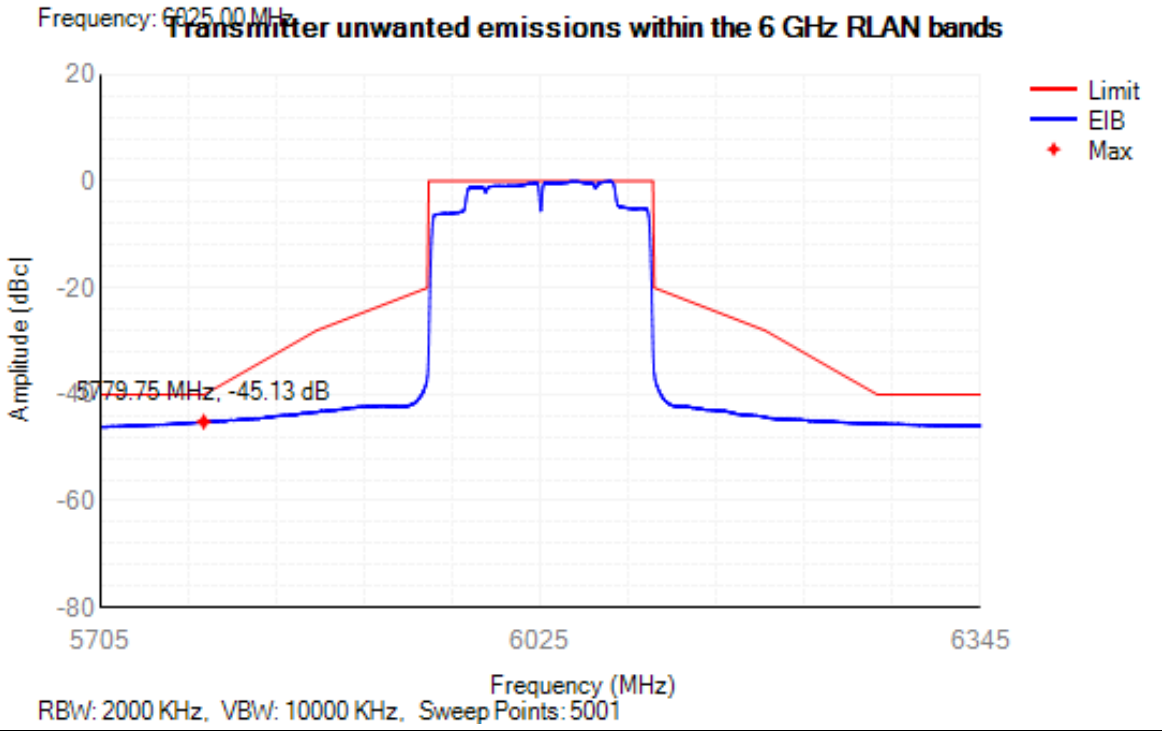
Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6025	Ant1	Band1	6270.25	-46.64	-40	Pass
NVNT	ax160	6185	Ant1	Band1	5865.26	-46.42	-40	Pass
NVNT	ax160	6345	Ant1	Band1	6664.36	-46.04	-40	Pass
NVNT	ax160	6025	Ant2	Band1	5779.75	-45.13	-40	Pass
NVNT	ax160	6185	Ant2	Band1	5912.36	-46.36	-40	Pass
NVNT	ax160	6345	Ant2	Band1	6597.42	-45.45	-40	Pass
NVNT	ax20	5955	Ant1	Band1	5916.38	-45.6	-40	Pass
NVNT	ax20	6175	Ant1	Band1	6214.98	-45.34	-40	Pass
NVNT	ax20	6415	Ant1	Band1	6376.84	-44.22	-40	Pass
NVNT	ax20	5955	Ant2	Band1	5916.1	-42.14	-40	Pass
NVNT	ax20	6175	Ant2	Band1	6135.27	-41.98	-40	Pass
NVNT	ax20	6415	Ant2	Band1	6453.86	-42.57	-40	Pass
NVNT	ax40	5965	Ant1	Band1	5896.1	-43.72	-40	Pass
NVNT	ax40	6165	Ant1	Band1	6232.17	-41.7	-40	Pass
NVNT	ax40	6405	Ant1	Band1	6334.02	-41.74	-40	Pass
NVNT	ax40	5965	Ant2	Band1	5893.19	-40.02	-40	Pass
NVNT	ax40	6165	Ant2	Band1	6233.9	-40.69	-40	Pass
NVNT	ax40	6405	Ant2	Band1	6330.02	-40.8	-40	Pass
NVNT	ax80	5985	Ant1	Band1	6027.75	-27.44	-20.03	Pass
NVNT	ax80	6145	Ant1	Band1	6187.69	-27.46	-20	Pass
NVNT	ax80	6385	Ant1	Band1	6226.6	-48.05	-40	Pass
NVNT	ax80	5985	Ant2	Band1	5942.82	-26.66	-20.02	Pass
NVNT	ax80	6145	Ant2	Band1	6187.24	-27.49	-20.01	Pass
NVNT	ax80	6385	Ant2	Band1	6427.88	-27.43	-20	Pass

Test Graphs
Power spectral mask NVNT ax160 6025MHz

Power spectral mask NVNT ax160 6185MHz


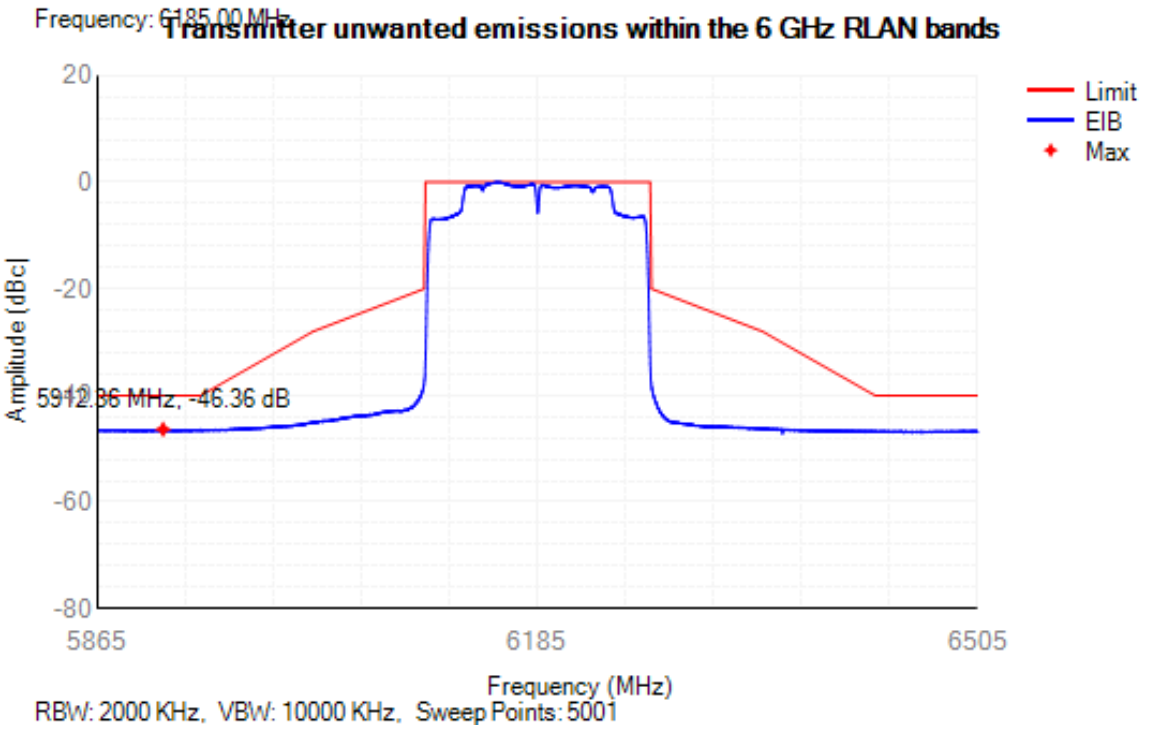
Power spectral mask NVNT ax160 6345MHz



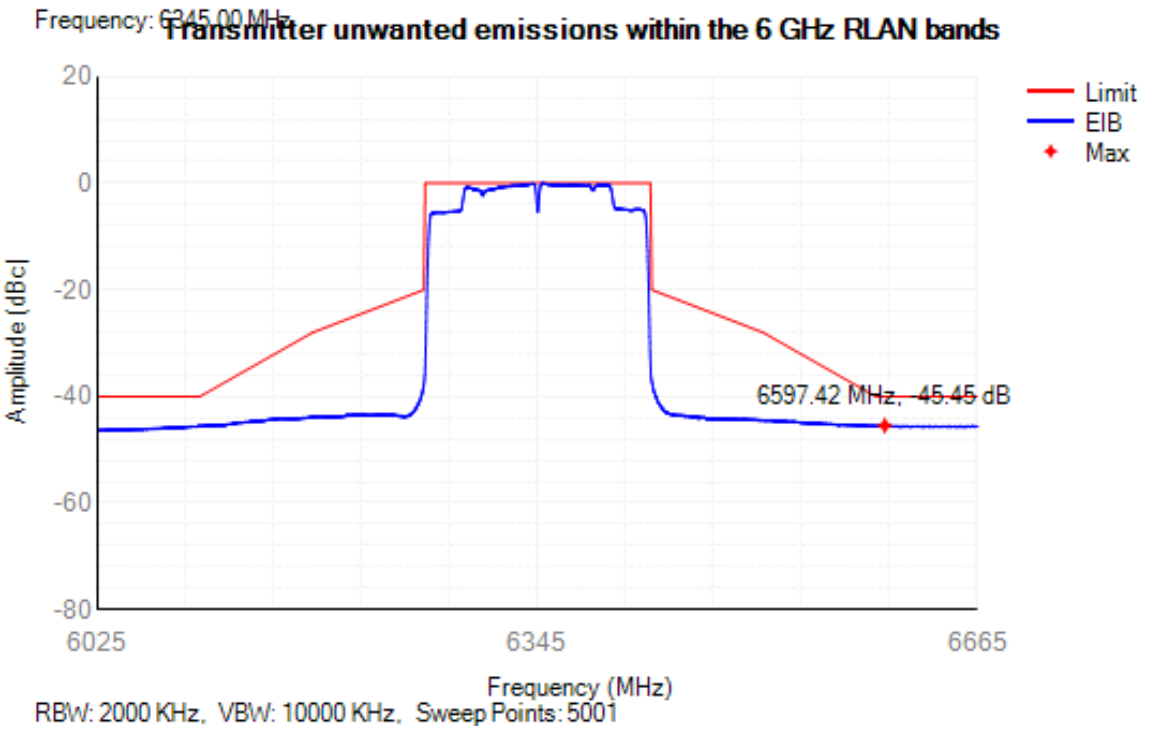
Power spectral mask NVNT ax160 6025MHz



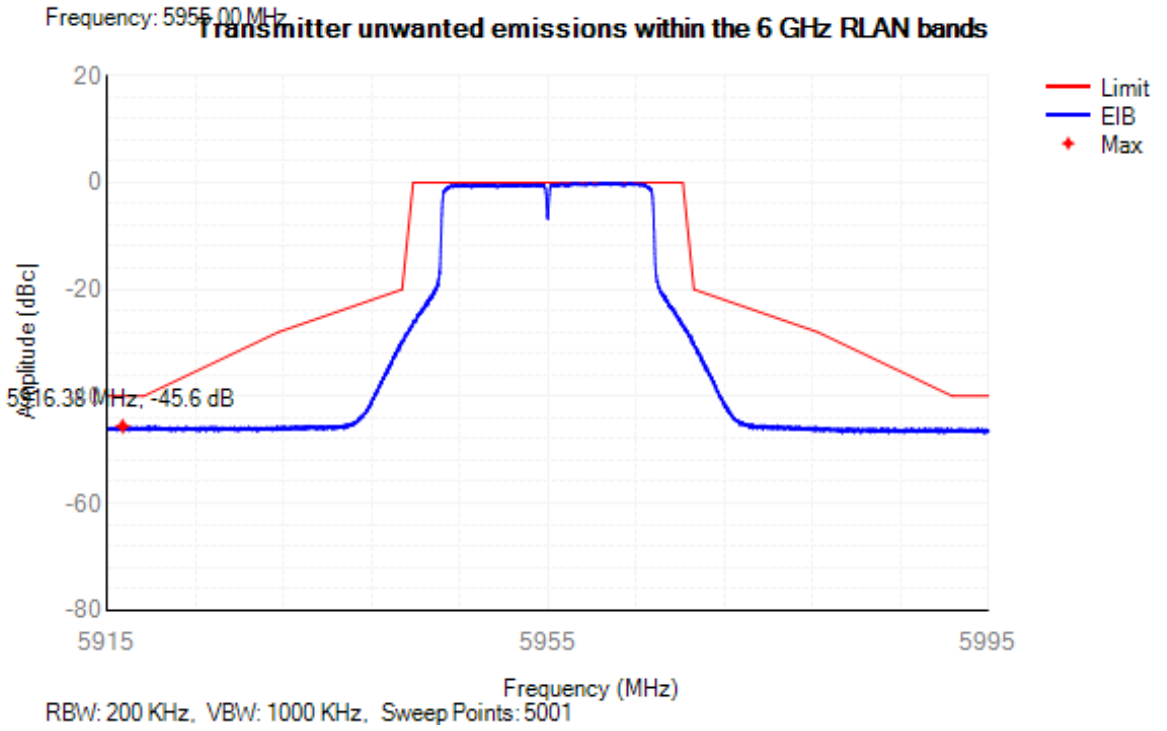
Power spectral mask NVNT ax160 6185MHz



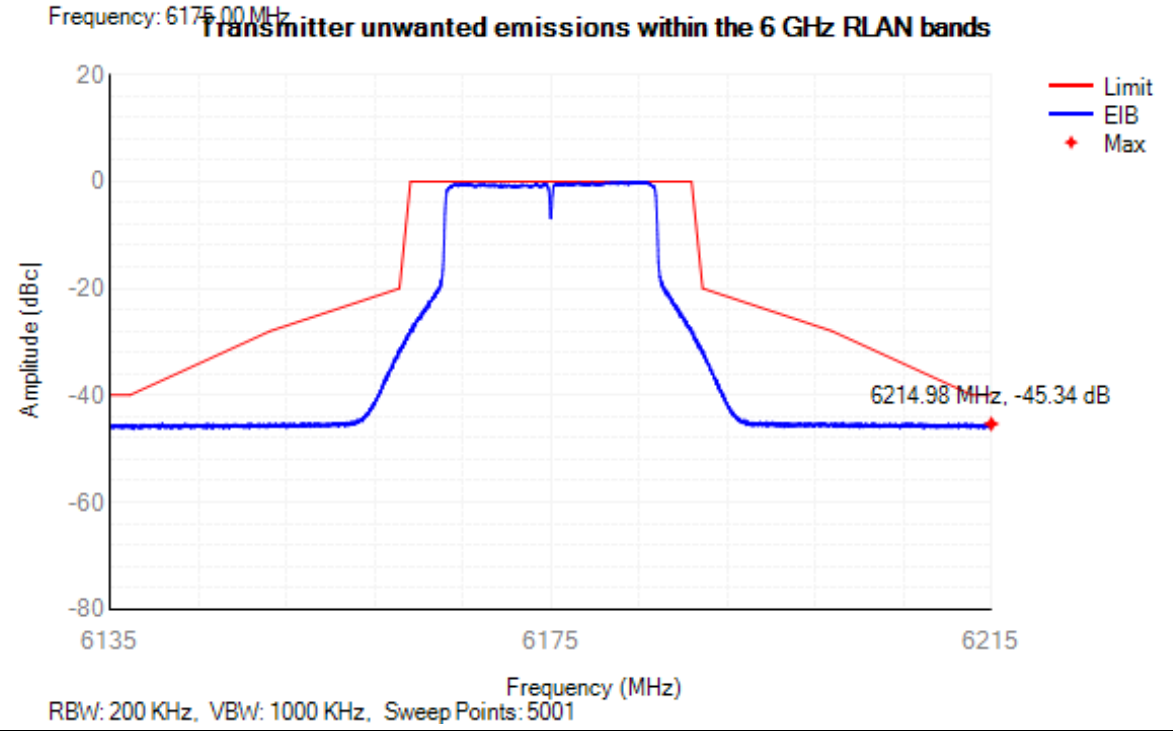
Power spectral mask NVNT ax160 6345MHz



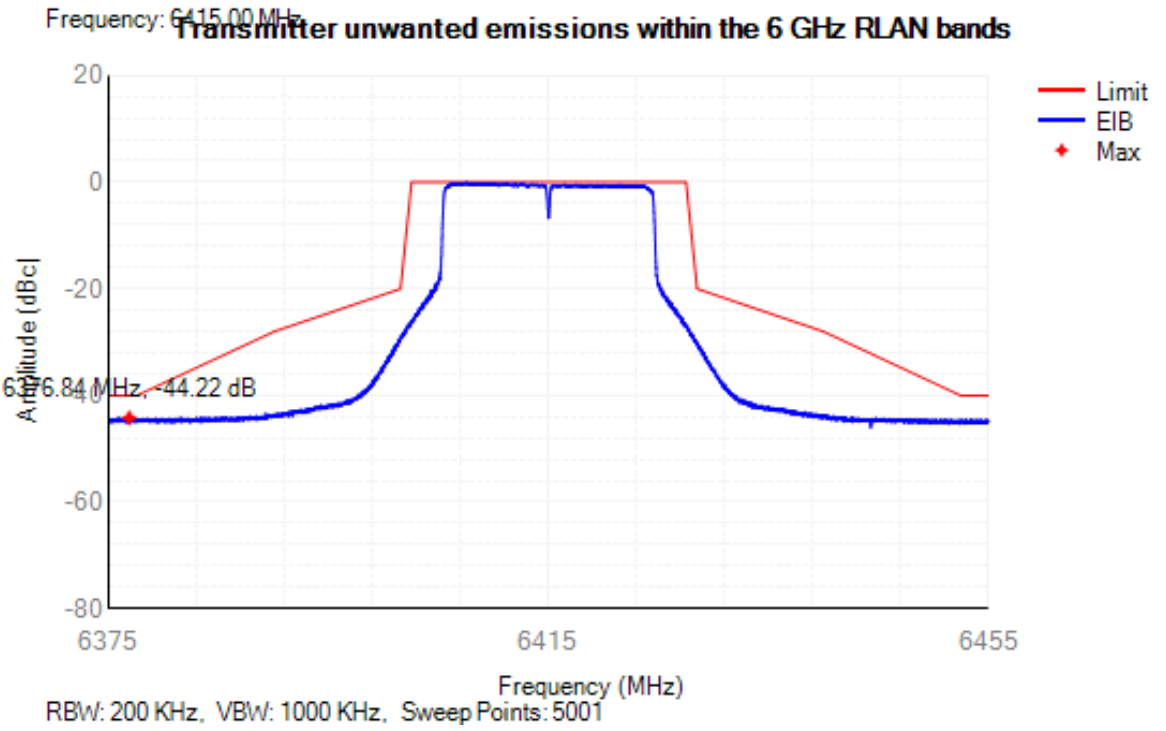
Power spectral mask NVNT ax20 5955MHz



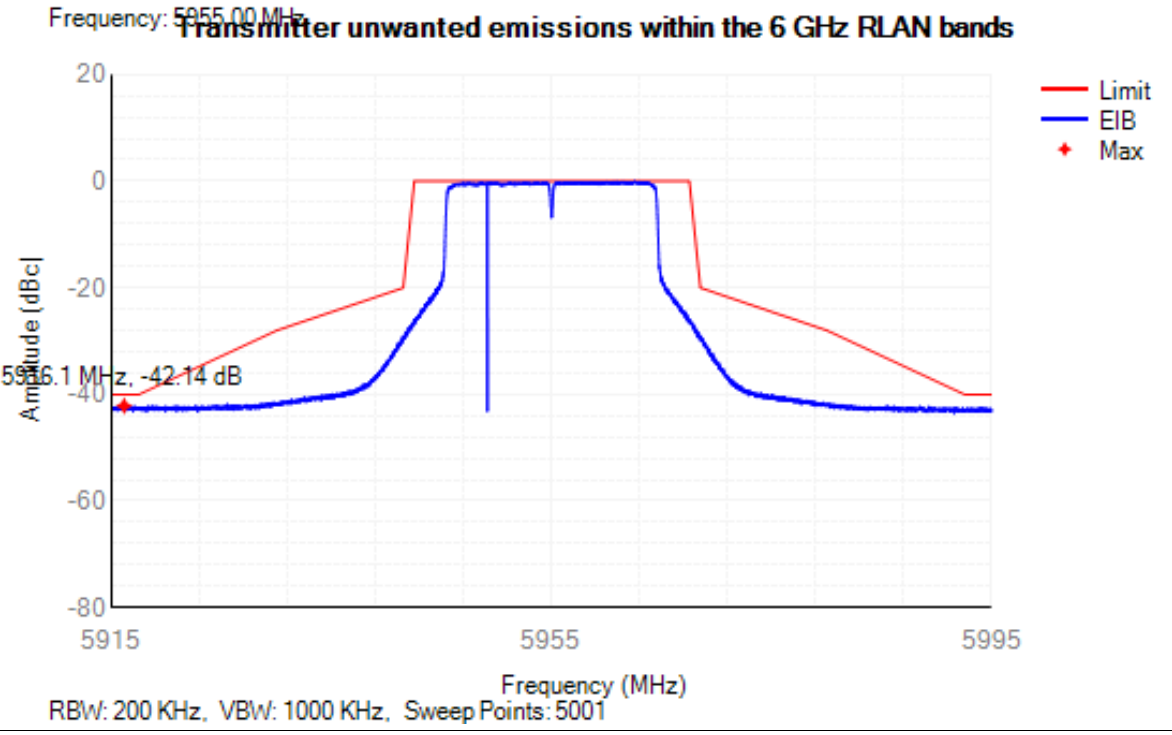
Power spectral mask NVNT ax20 6175MHz



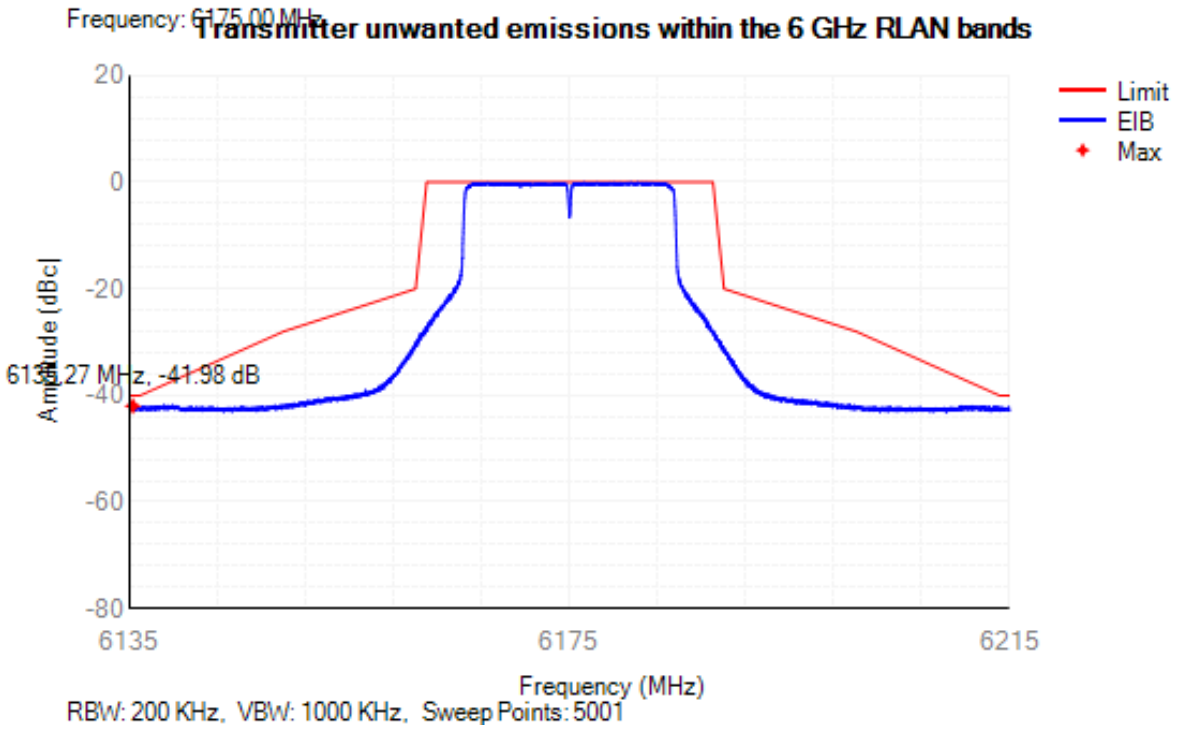
Power spectral mask NVNT ax20 6415MHz



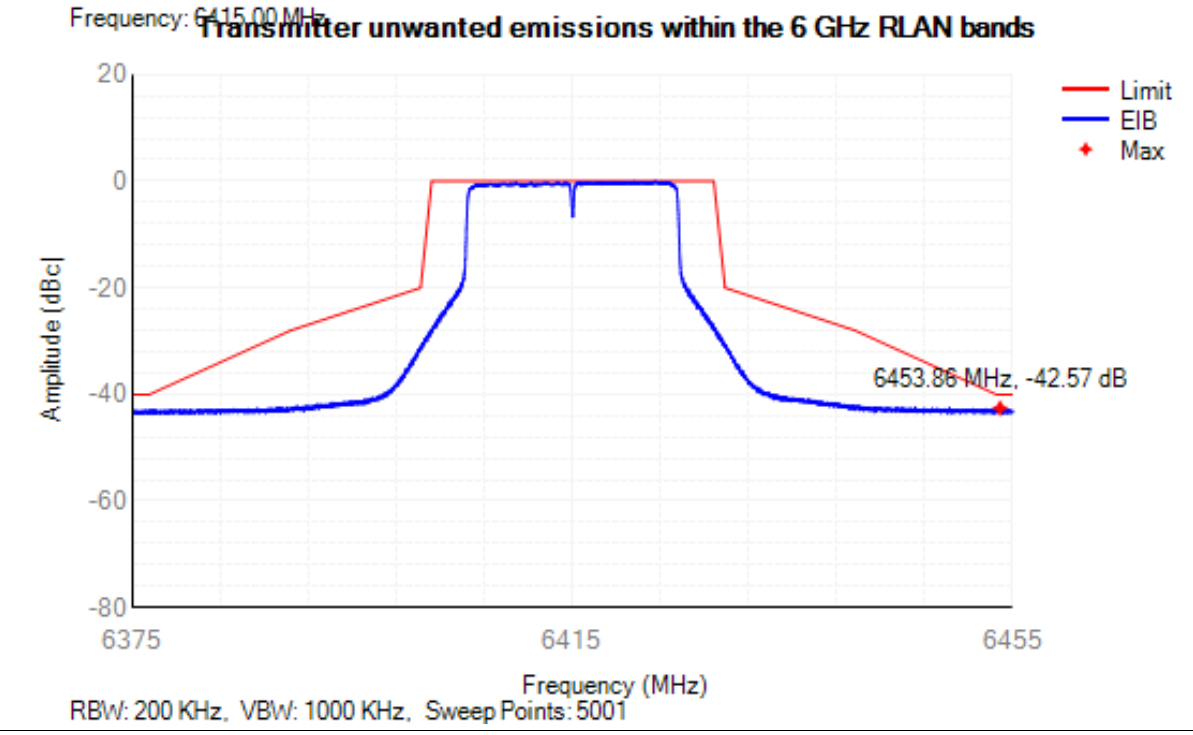
Power spectral mask NVNT ax20 5955MHz



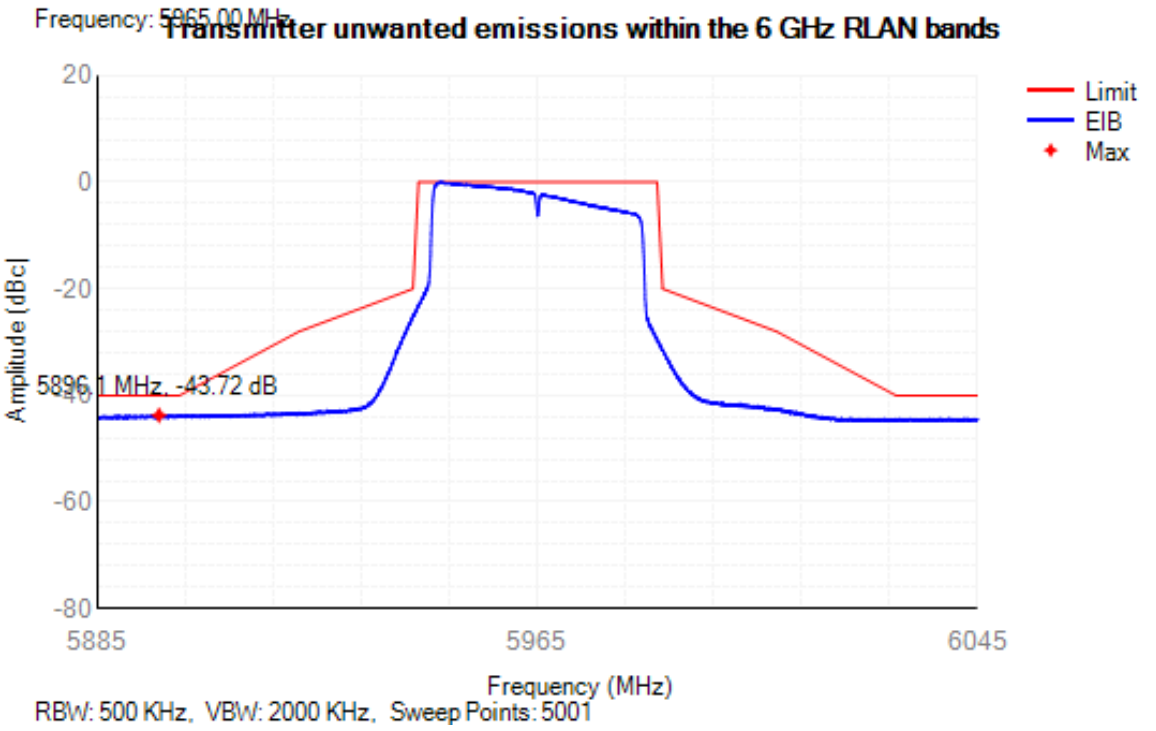
Power spectral mask NVNT ax20 6175MHz



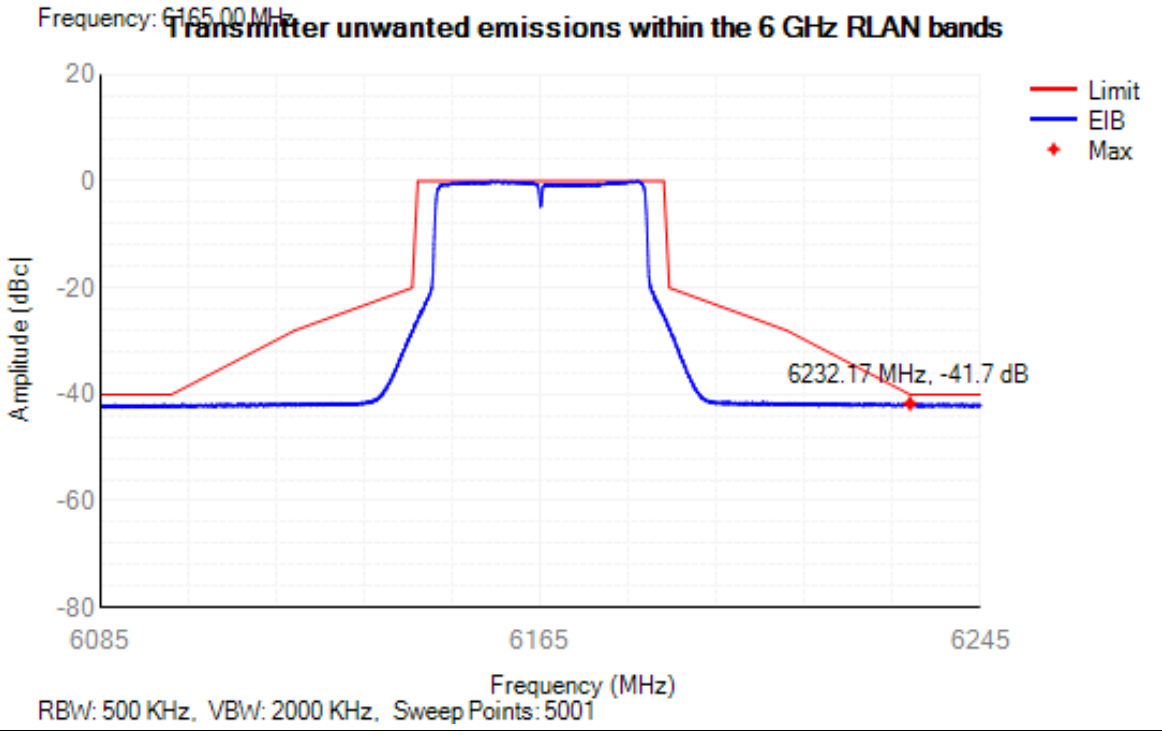
Power spectral mask NVNT ax20 6415MHz



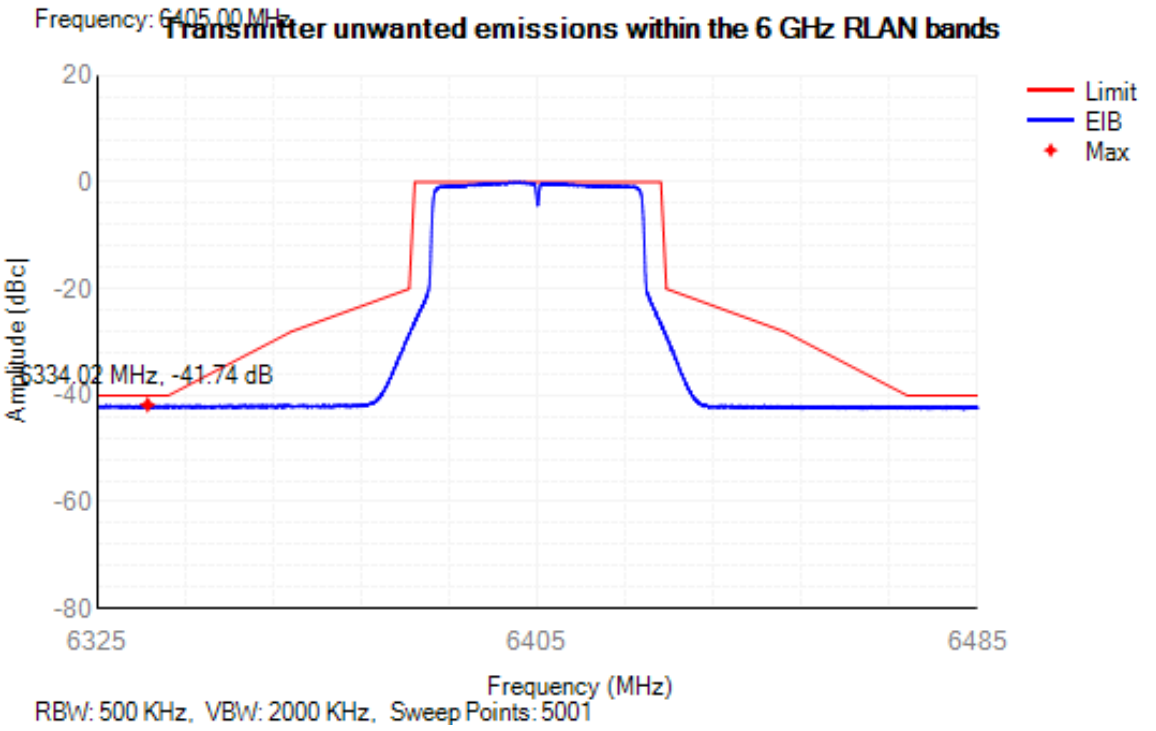
Power spectral mask NVNT ax40 5965MHz



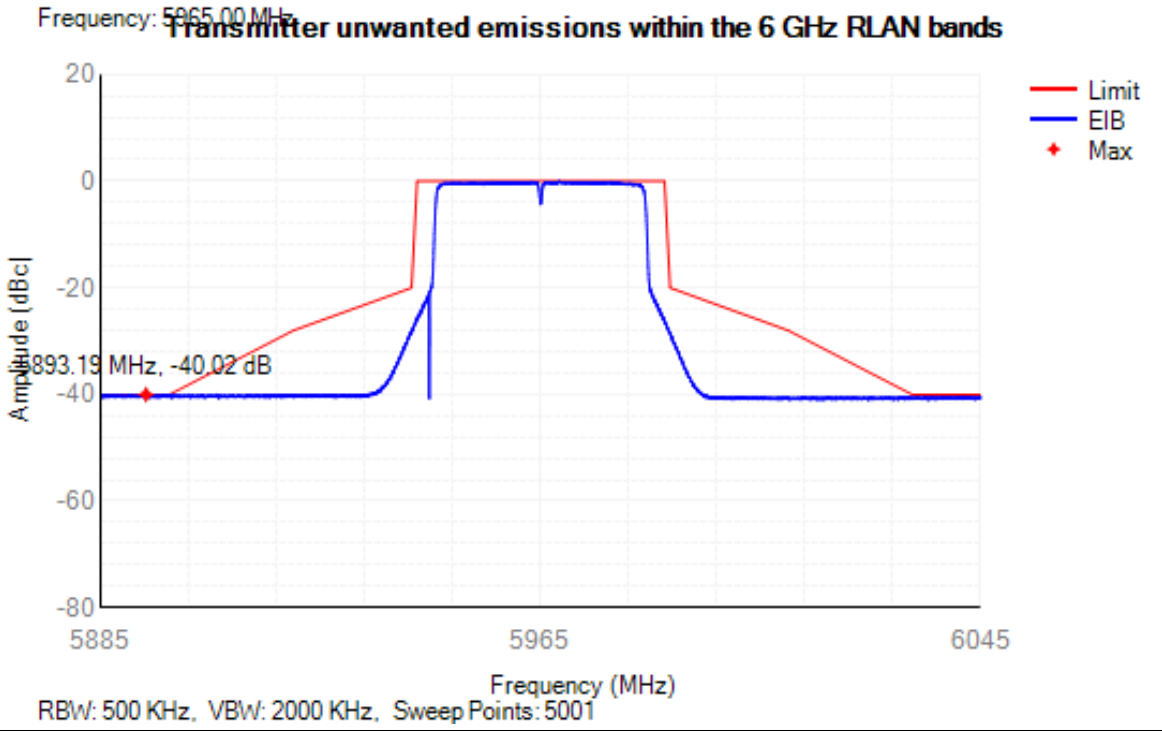
Power spectral mask NVNT ax40 6165MHz



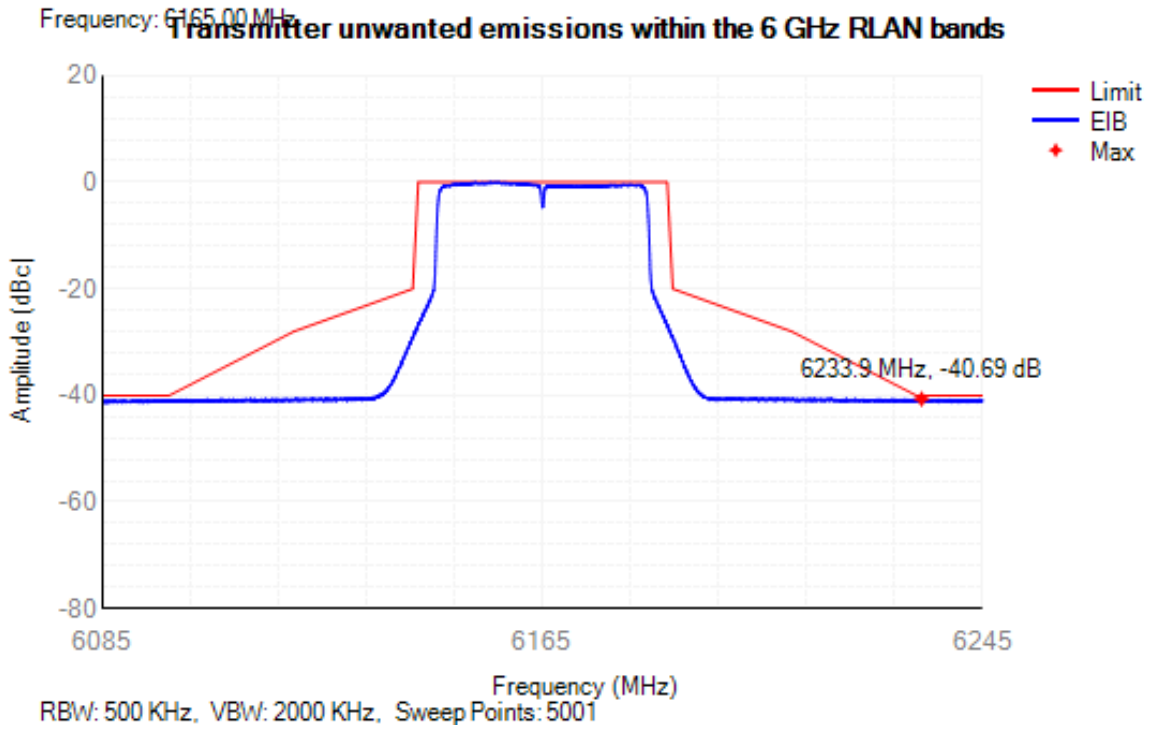
Power spectral mask NVNT ax40 6405MHz



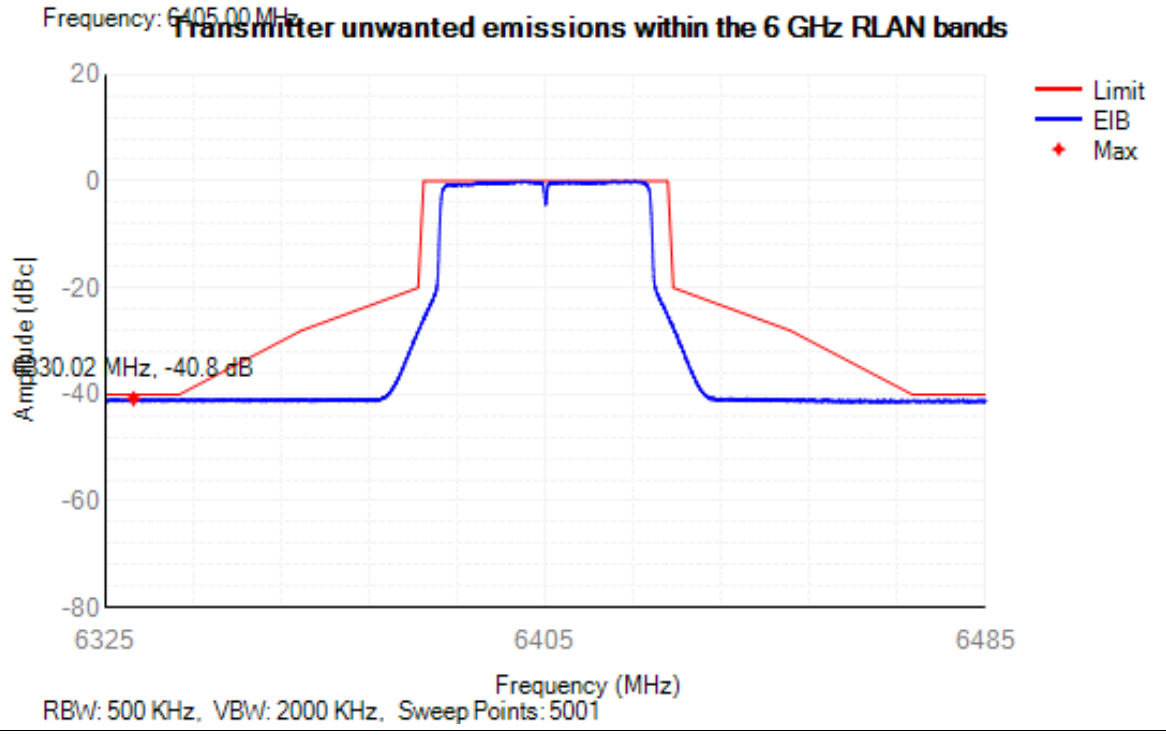
Power spectral mask NVNT ax40 5965MHz



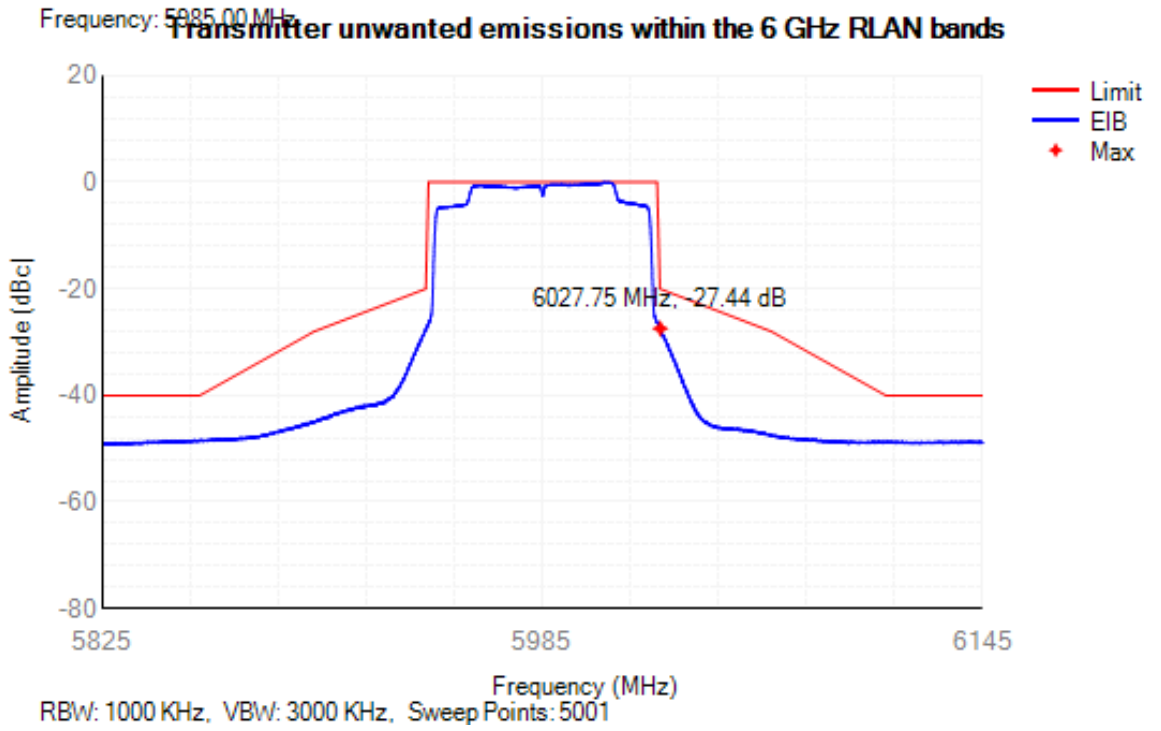
Power spectral mask NVNT ax40 6165MHz



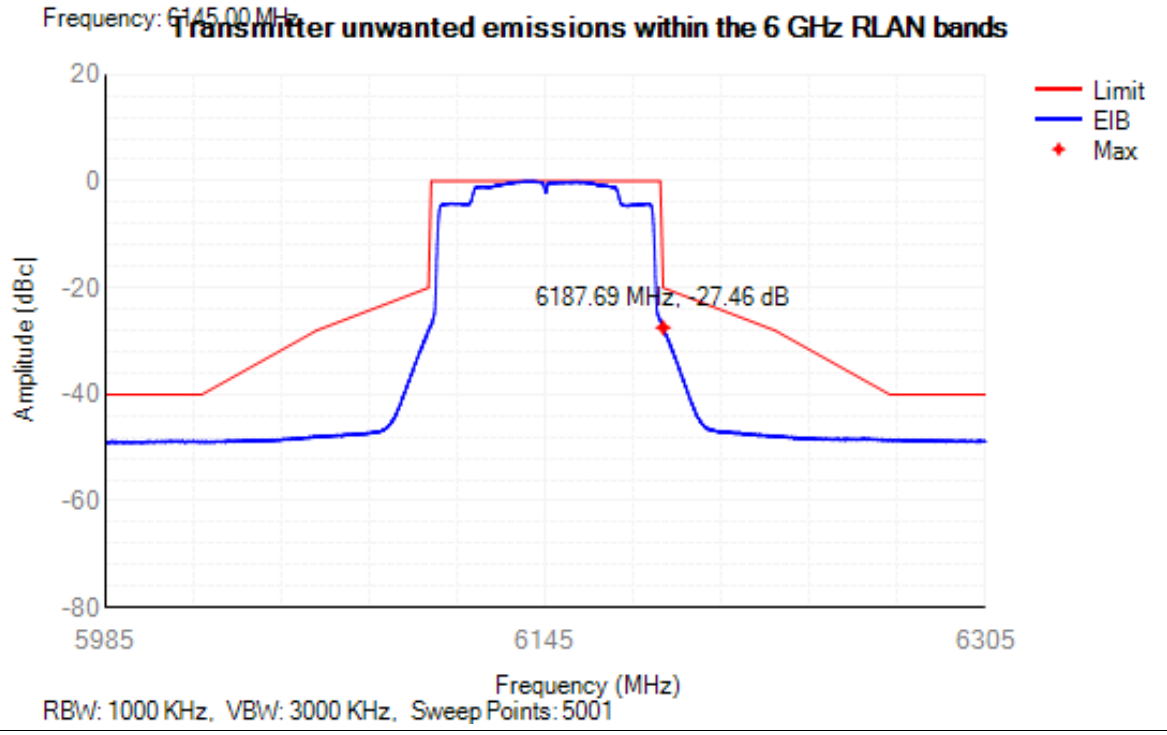
Power spectral mask NVNT ax40 6405MHz



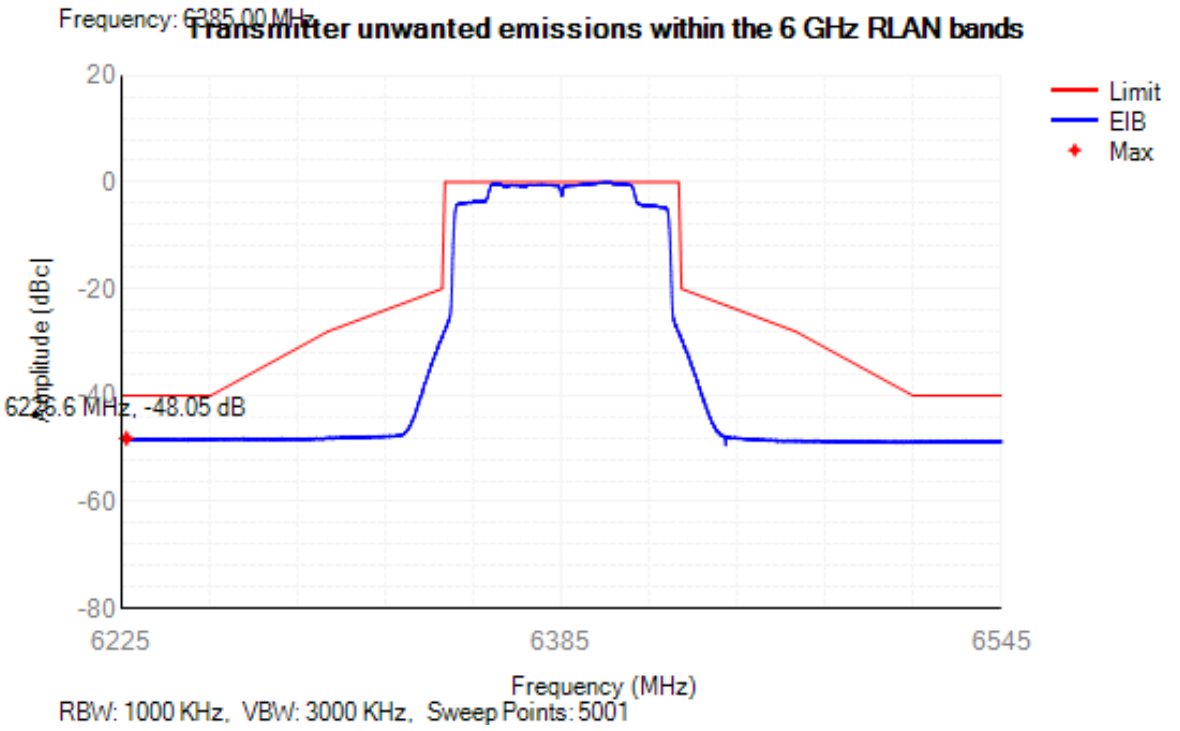
Power spectral mask NVNT ax80 5985MHz



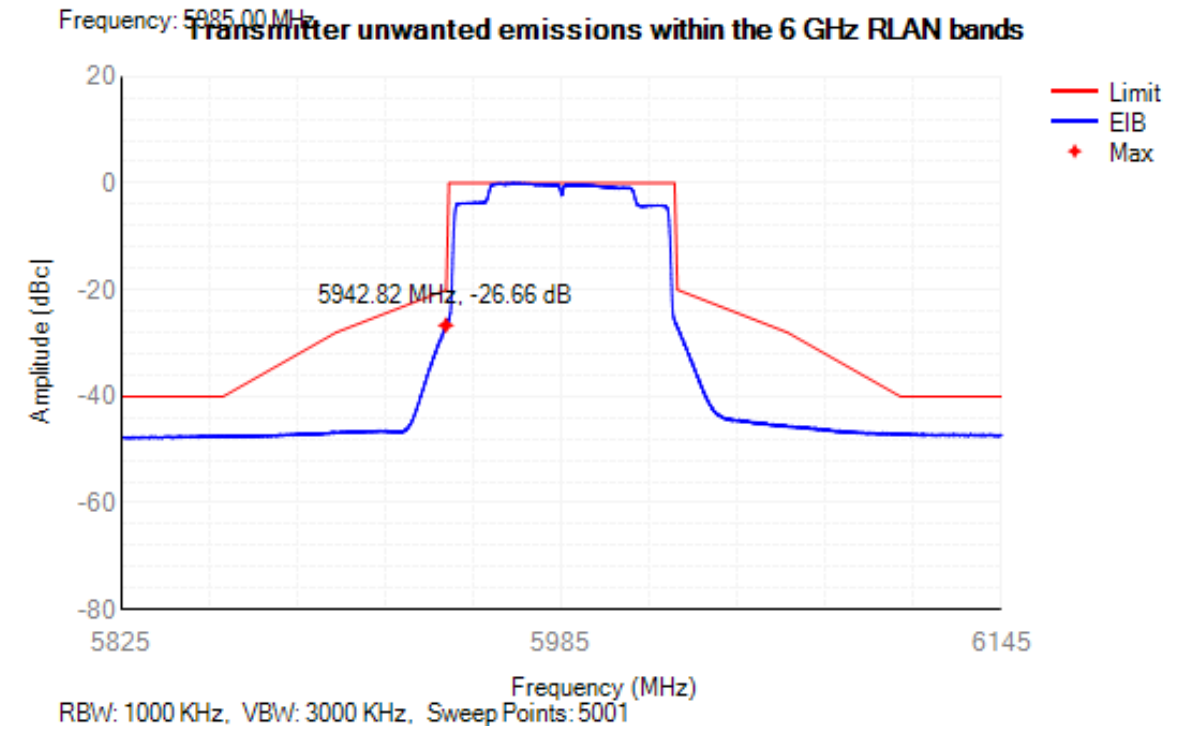
Power spectral mask NVNT ax80 6145MHz



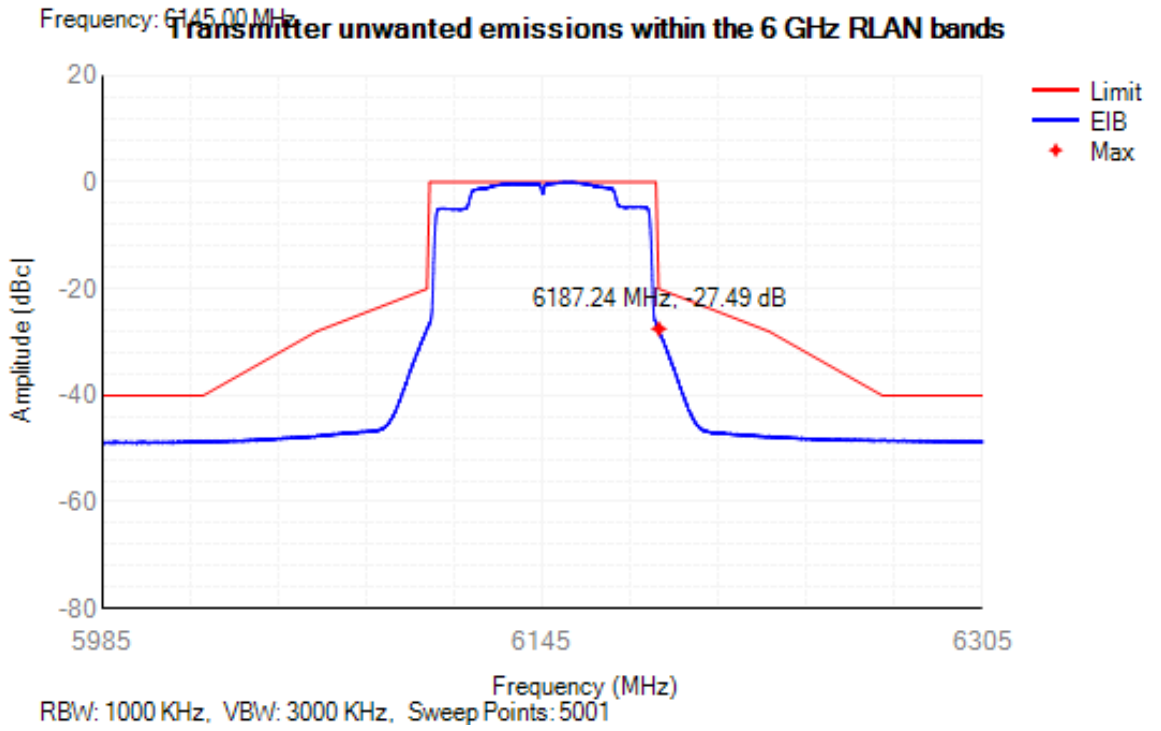
Power spectral mask NVNT ax80 6385MHz



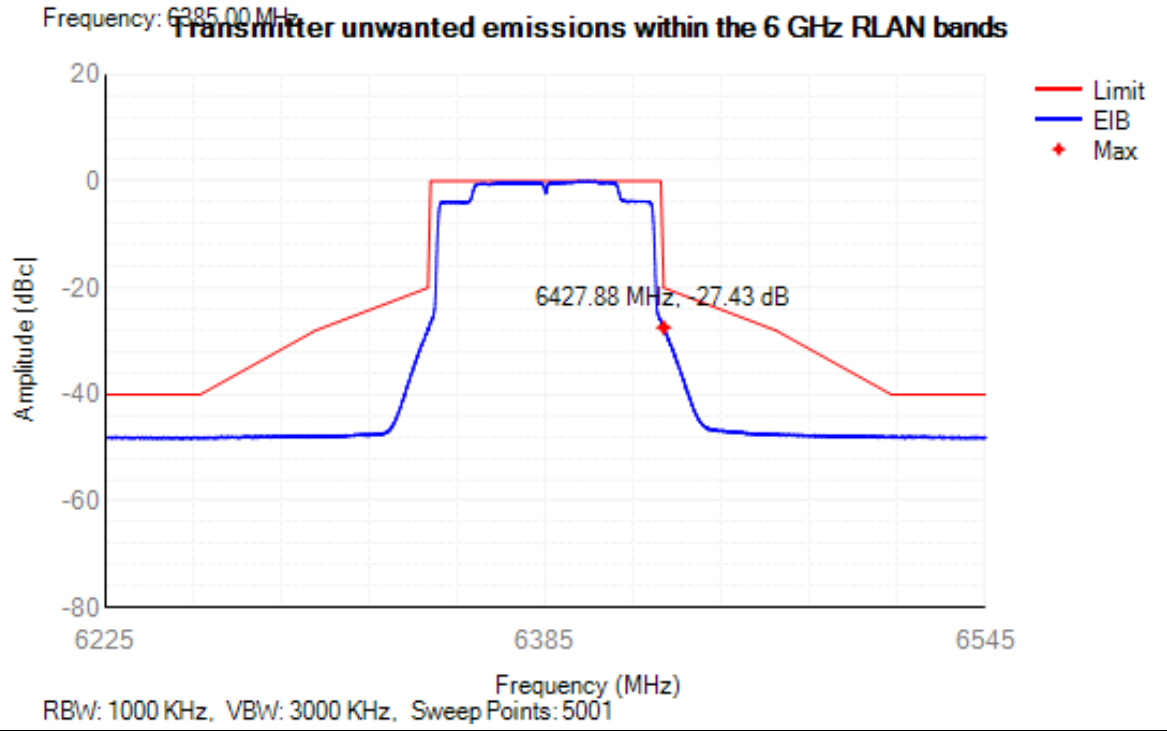
Power spectral mask NVNT ax80 5985MHz



Power spectral mask NVNT ax80 6145MHz



Power spectral mask NVNT ax80 6385MHz

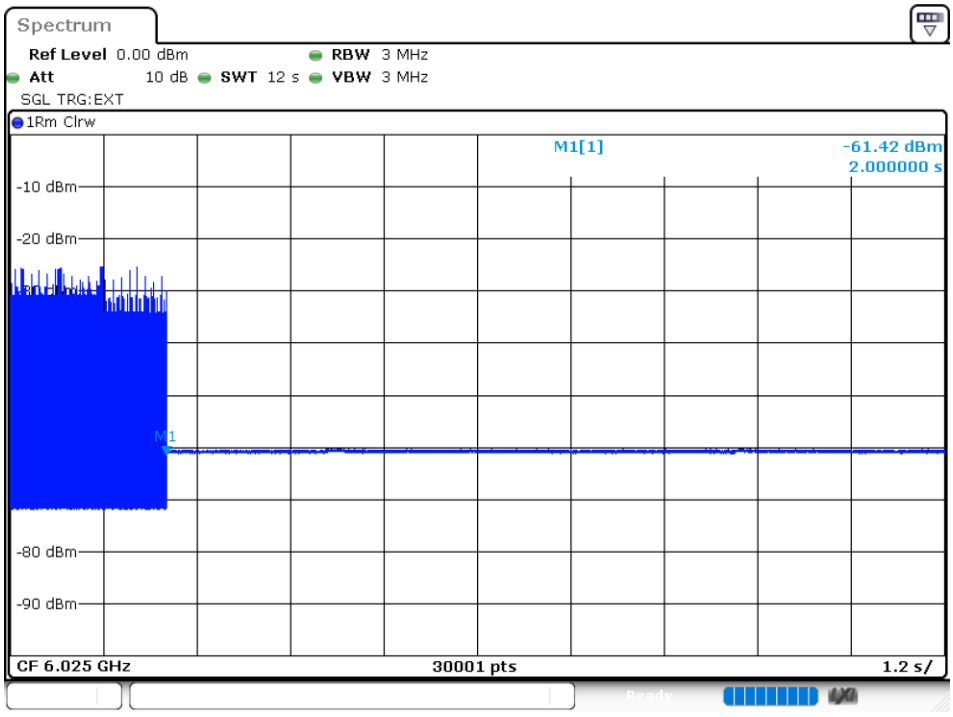


Contention Based Protocol

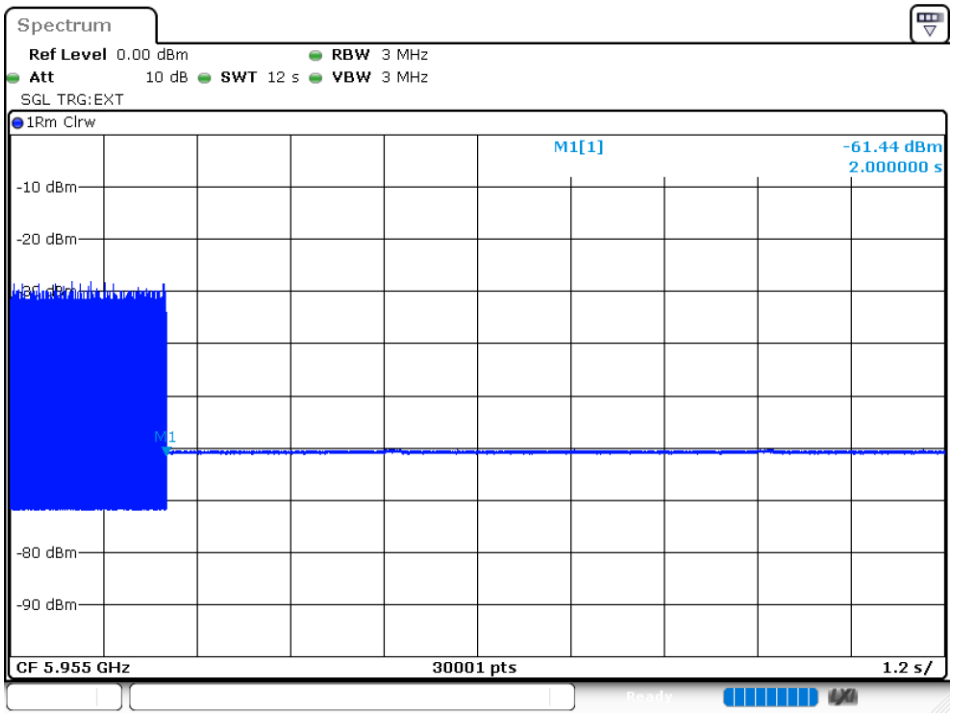
Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW20)	1	5955	5955	-62.86	OFF	-65.8	-62	10	100	>90	PASS
				-64.17	Minimal	-67.11					
				-65.07	ON	-68.01					

Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW160)	15	6025	5950	-63.22	OFF	-66.15	-62	10	100	>90	PASS
				-64.41	Minimal	-67.35					
				-64.98	ON	-67.92					
			6025	-63.26	OFF	-66.19	-62	10	100	>90	PASS
				-64.68	Minimal	-67.62					
				-65.62	ON	-68.56					
			6100	-63.04	OFF	-65.97	-62	10	100	>90	PASS
				-63.98	Minimal	-66.92					
				-65.6	ON	-68.54					

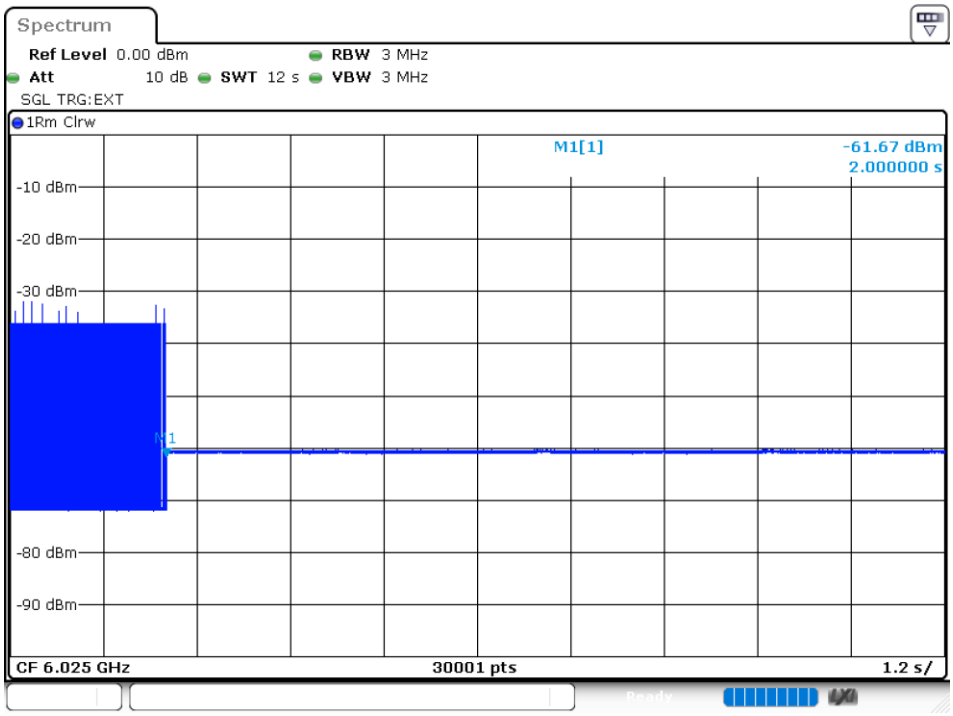
Test Graphs
Contention Based Protocol NVNT ax160 6025MHz Interfere 5950 MHz_1



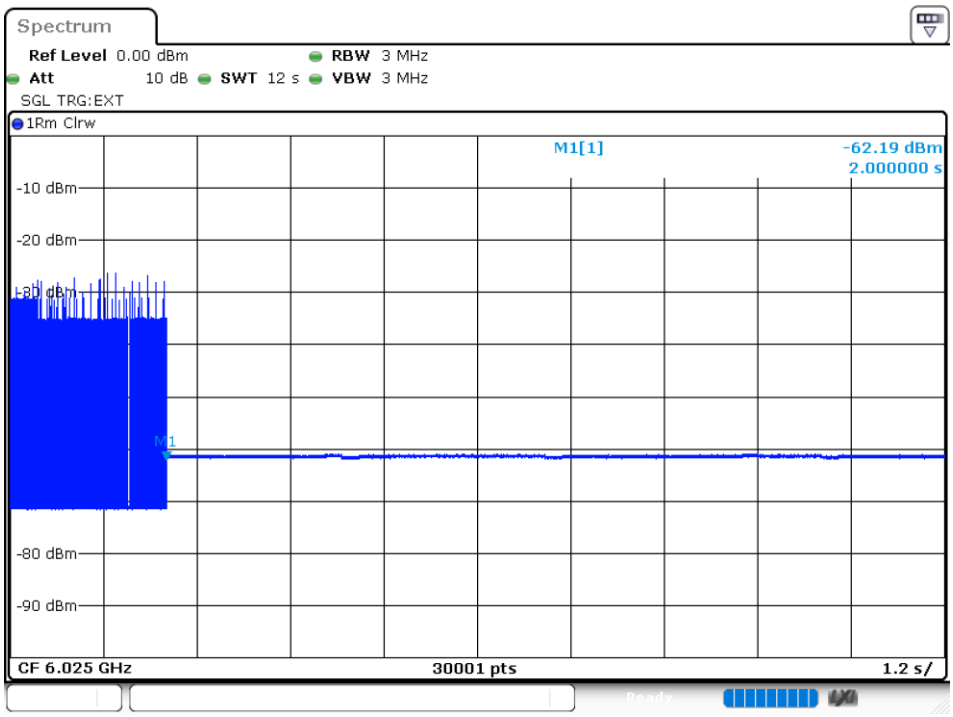
Contention Based Protocol NVNT ax20 5955MHz Interfere 5955 MHz_1



Contention Based Protocol NVNT ax160 6025MHz Interfere 6025 MHz_1



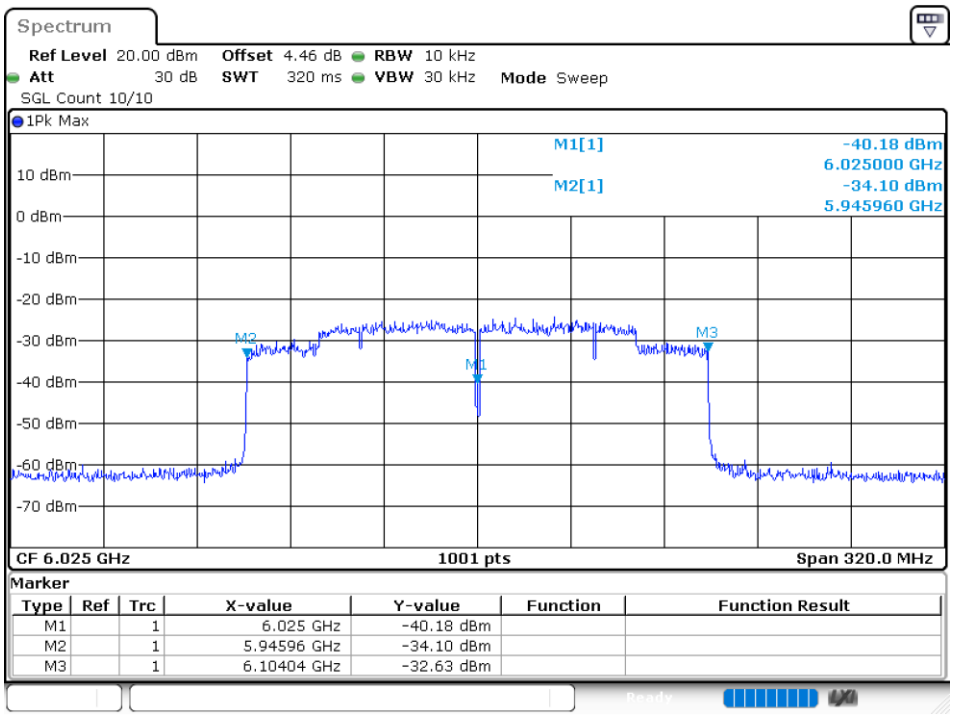
Contention Based Protocol NVNT ax160 6025MHz Interfere 6100 MHz_1



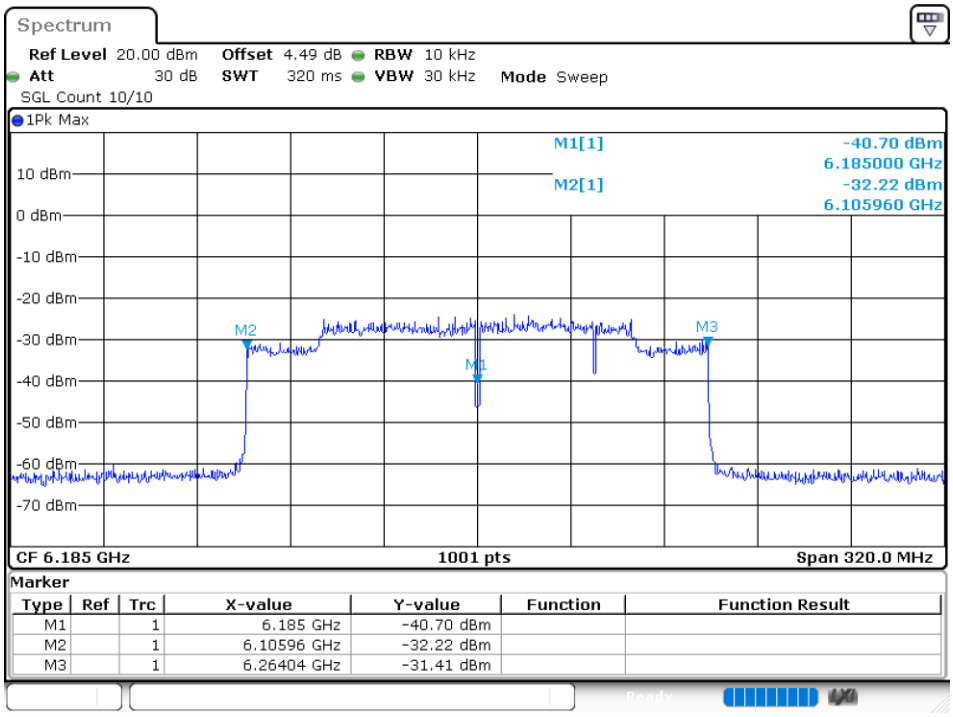
Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6025	Ant1	6025	0	0	25	Pass
NVNT	ax160	0	6185	Ant1	6185	0	0	25	Pass
NVNT	ax160	0	6345	Ant1	6345	0	0	25	Pass
NVNT	ax160	0	6025	Ant2	6025	0	0	25	Pass
NVNT	ax160	0	6185	Ant2	6185	0	0	25	Pass
NVNT	ax160	0	6345	Ant2	6345	0	0	25	Pass
NVNT	ax20	0	5955	Ant1	5954.96	-40000	-6.72	25	Pass
NVNT	ax20	0	6175	Ant1	6175	0	0	25	Pass
NVNT	ax20	0	6415	Ant1	6414.98	-20000	-3.12	25	Pass
NVNT	ax20	0	5955	Ant2	5954.98	-20000	-3.36	25	Pass
NVNT	ax20	0	6175	Ant2	6174.98	-20000	-3.24	25	Pass
NVNT	ax20	0	6415	Ant2	6414.98	-20000	-3.12	25	Pass
NVNT	ax40	0	5965	Ant1	5964.92	-80000	-13.41	25	Pass
NVNT	ax40	0	6165	Ant1	6165	0	0	25	Pass
NVNT	ax40	0	6405	Ant1	6405	0	0	25	Pass
NVNT	ax40	0	5965	Ant2	5965	0	0	25	Pass
NVNT	ax40	0	6165	Ant2	6165	0	0	25	Pass
NVNT	ax40	0	6405	Ant2	6405	0	0	25	Pass
NVNT	ax80	0	5985	Ant1	5984.92	-80000	-13.37	25	Pass
NVNT	ax80	0	6145	Ant1	6144.92	-80000	-13.02	25	Pass
NVNT	ax80	0	6385	Ant1	6384.92	-80000	-12.53	25	Pass
NVNT	ax80	0	5985	Ant2	5984.92	-80000	-13.37	25	Pass
NVNT	ax80	0	6145	Ant2	6144.92	-80000	-13.02	25	Pass
NVNT	ax80	0	6385	Ant2	6385	0	0	25	Pass

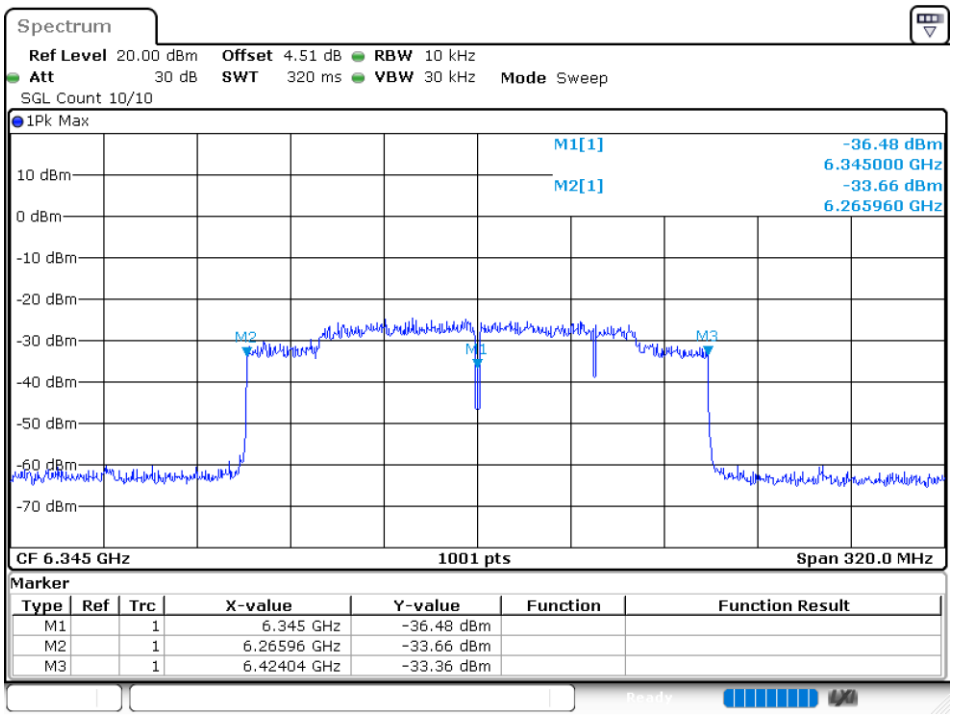
Test Graphs
Freq. Stability NVNT ax160 6025MHz Ant1 0 Minutes



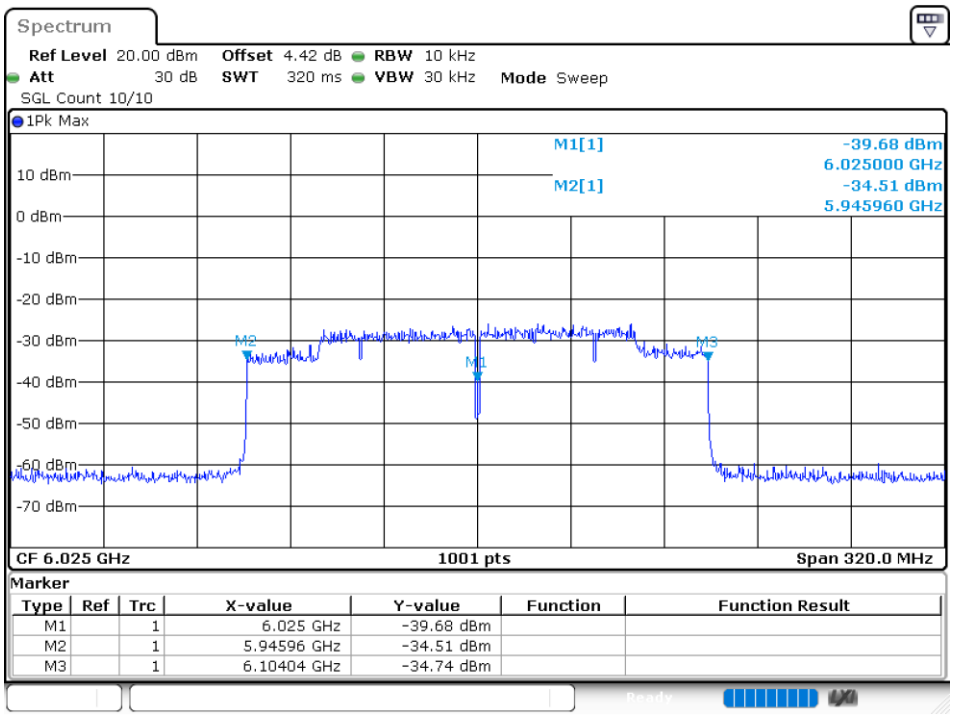
Freq. Stability NVNT ax160 6185MHz Ant1 0 Minutes



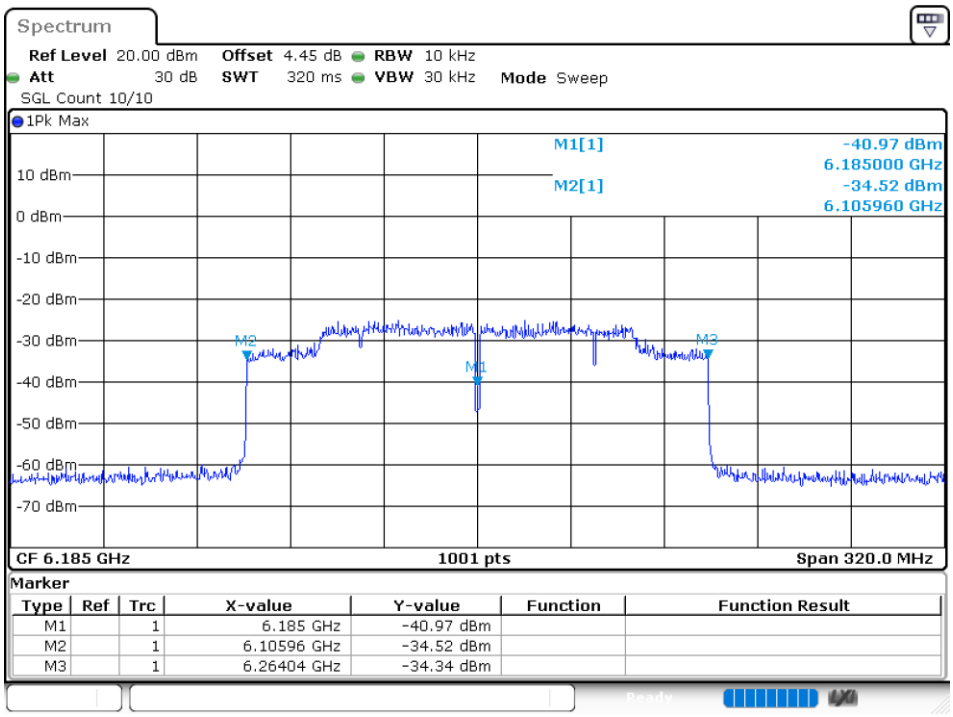
Freq. Stability NVNT ax160 6345MHz Ant1 0 Minutes



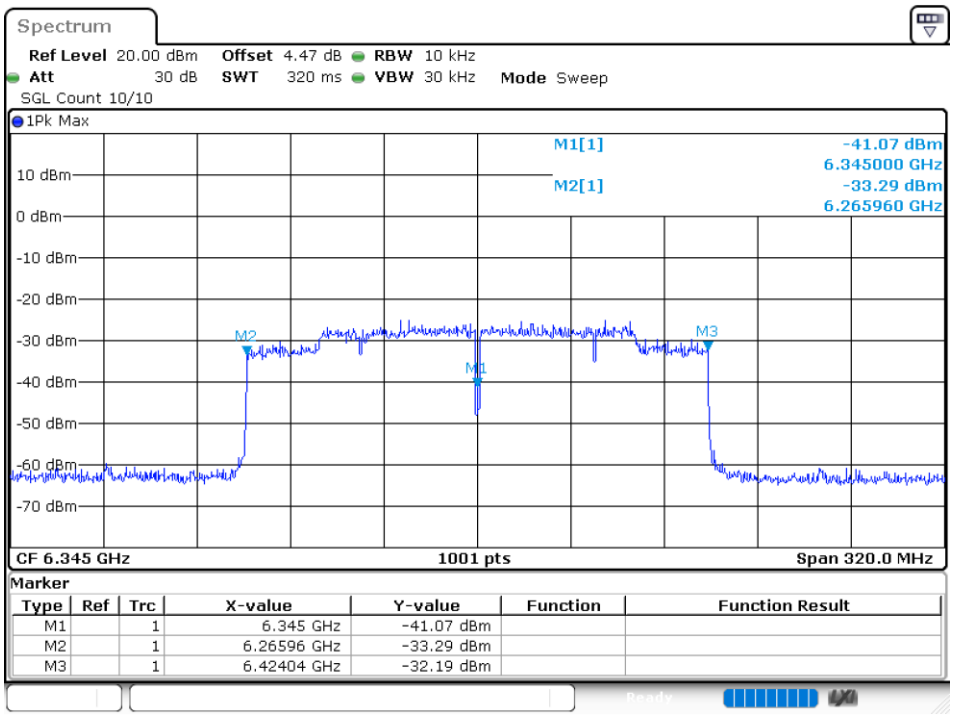
Freq. Stability NVNT ax160 6025MHz Ant2 0 Minutes



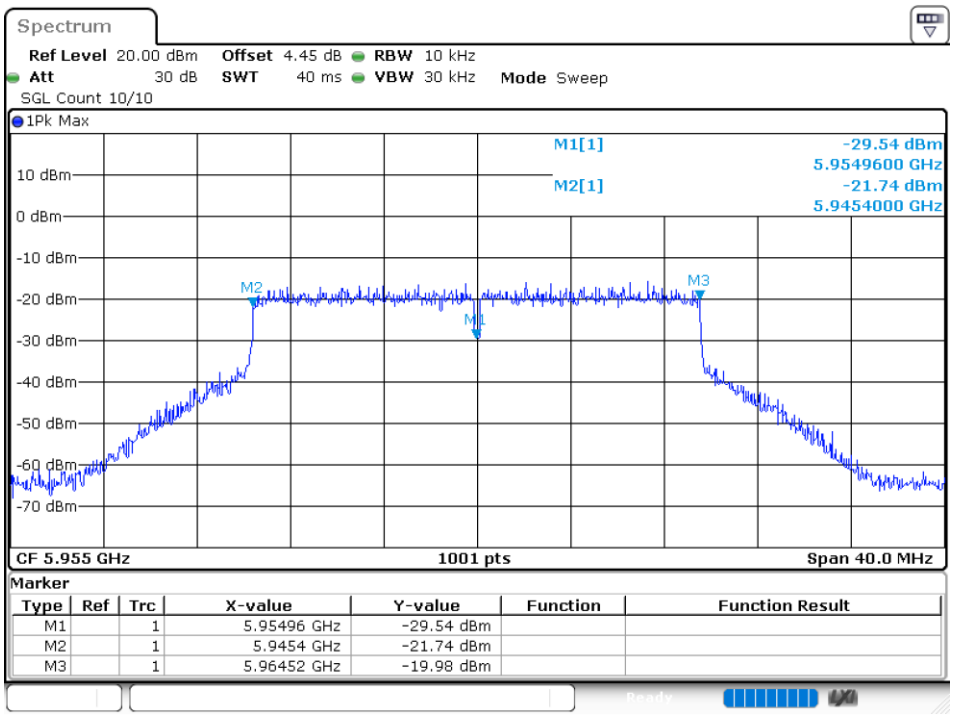
Freq. Stability NVNT ax160 6185MHz Ant2 0 Minutes



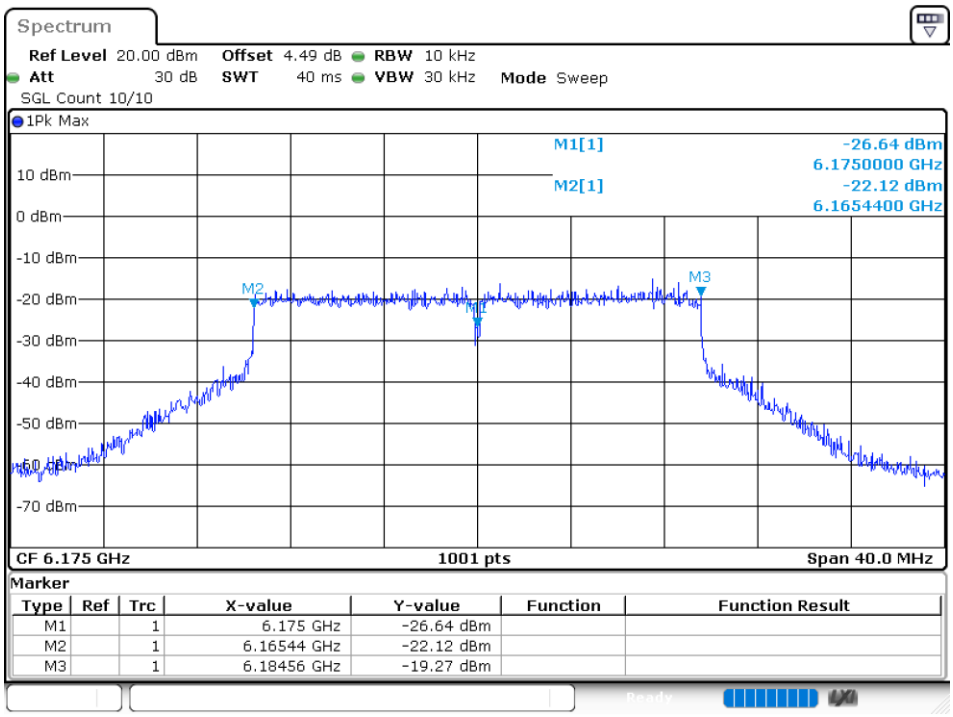
Freq. Stability NVNT ax160 6345MHz Ant2 0 Minutes



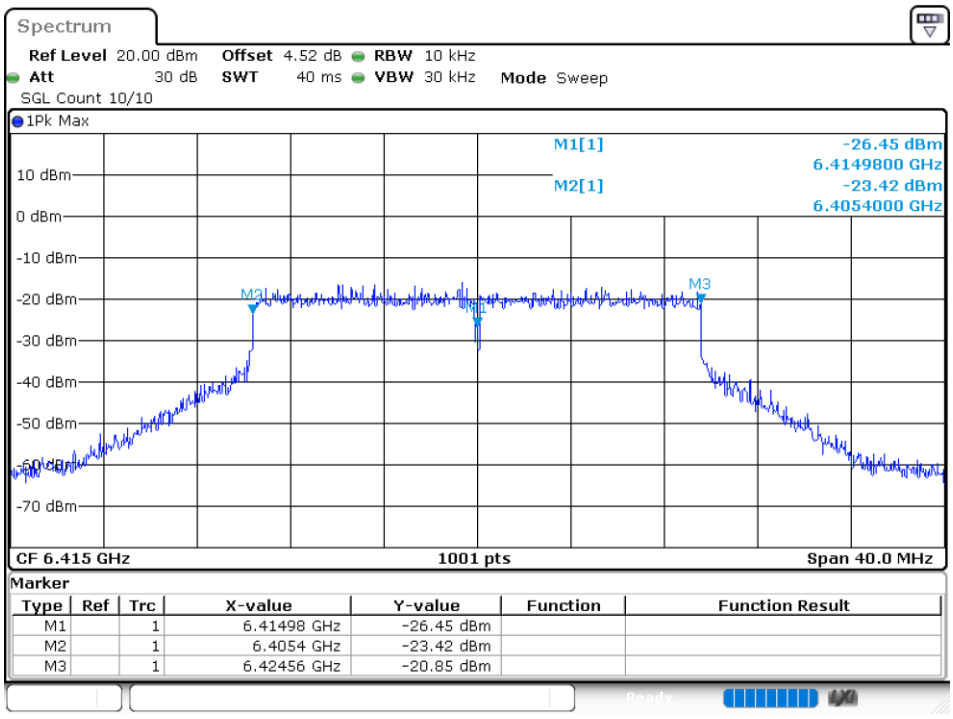
Freq. Stability NVNT ax20 5955MHz Ant1 0 Minutes



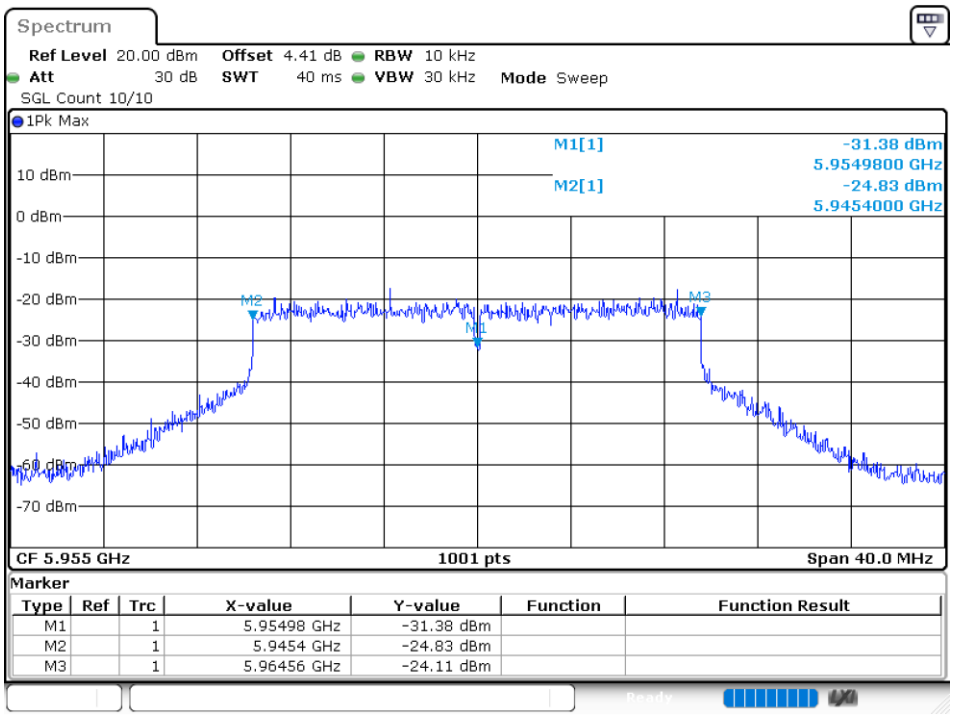
Freq. Stability NVNT ax20 6175MHz Ant1 0 Minutes



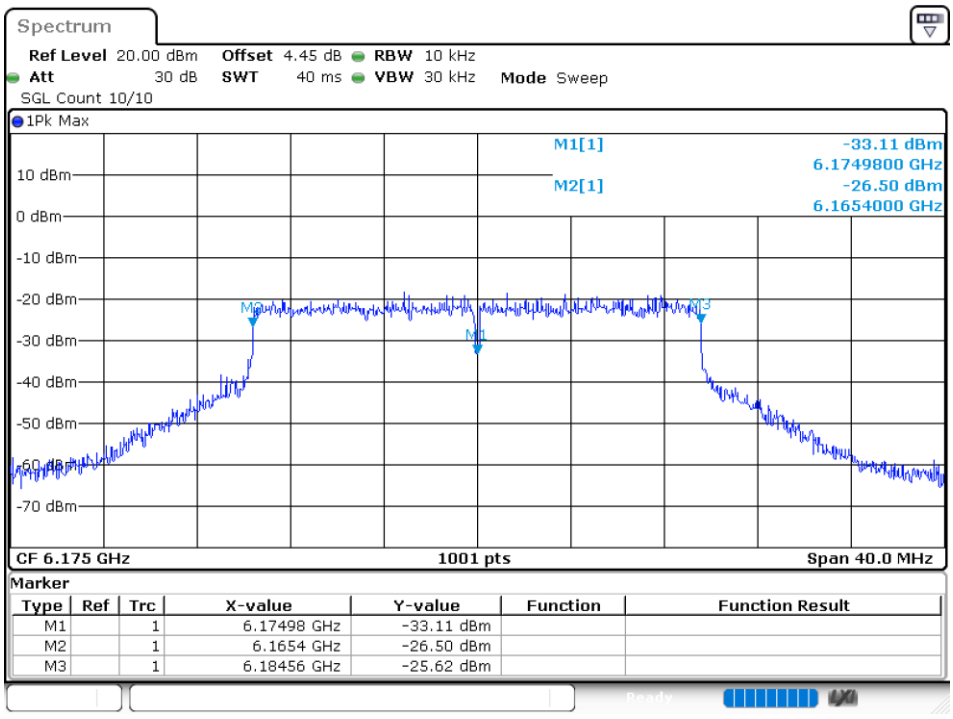
Freq. Stability NVNT ax20 6415MHz Ant1 0 Minutes



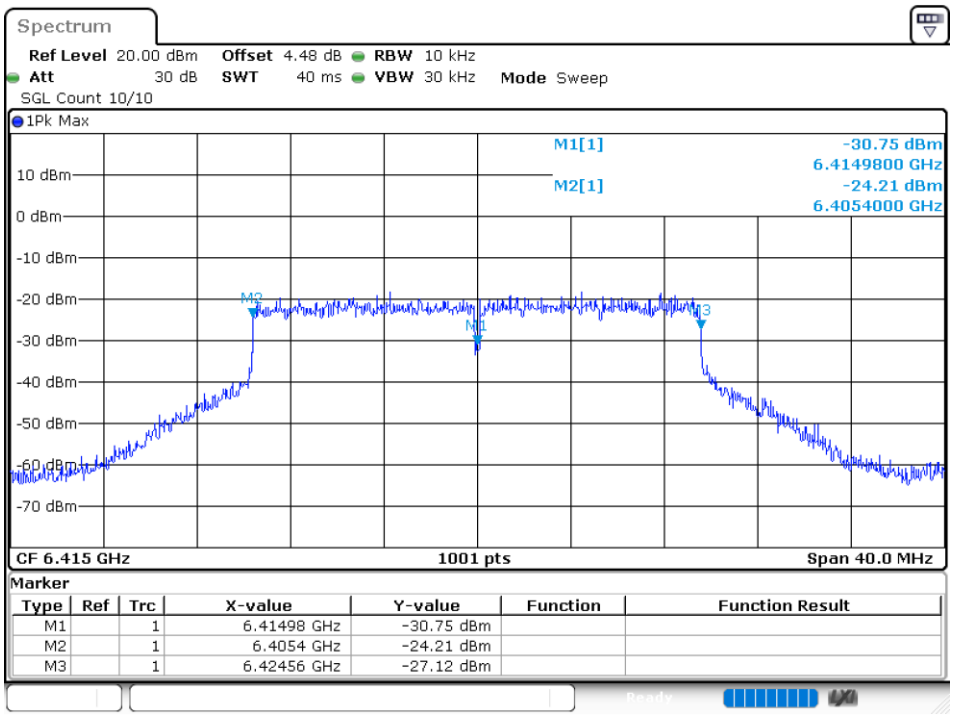
Freq. Stability NVNT ax20 5955MHz Ant2 0 Minutes



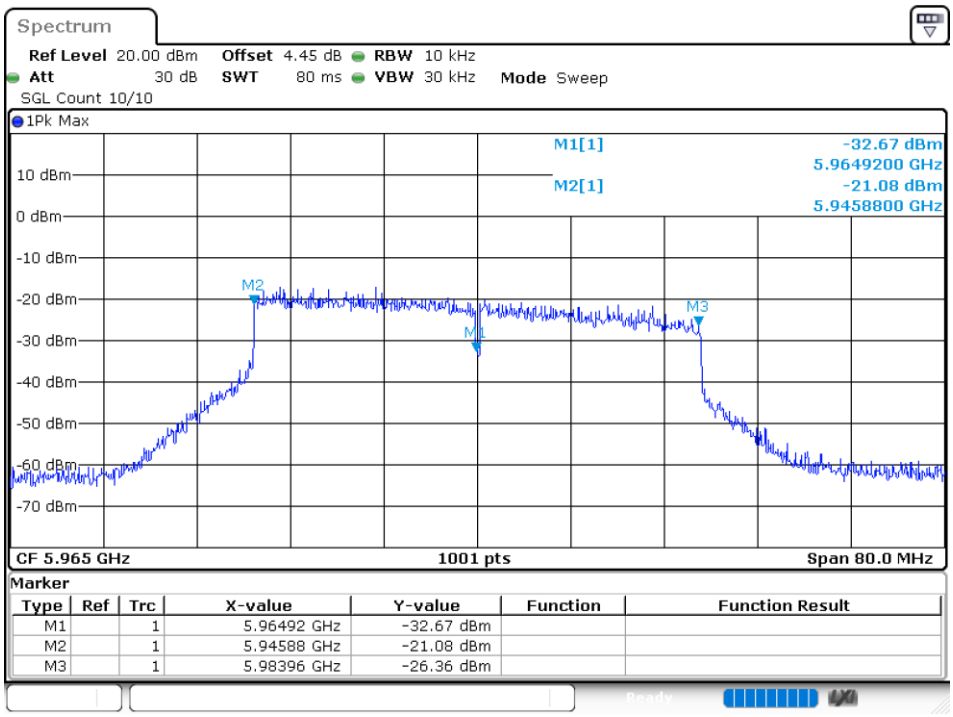
Freq. Stability NVNT ax20 6175MHz Ant2 0 Minutes



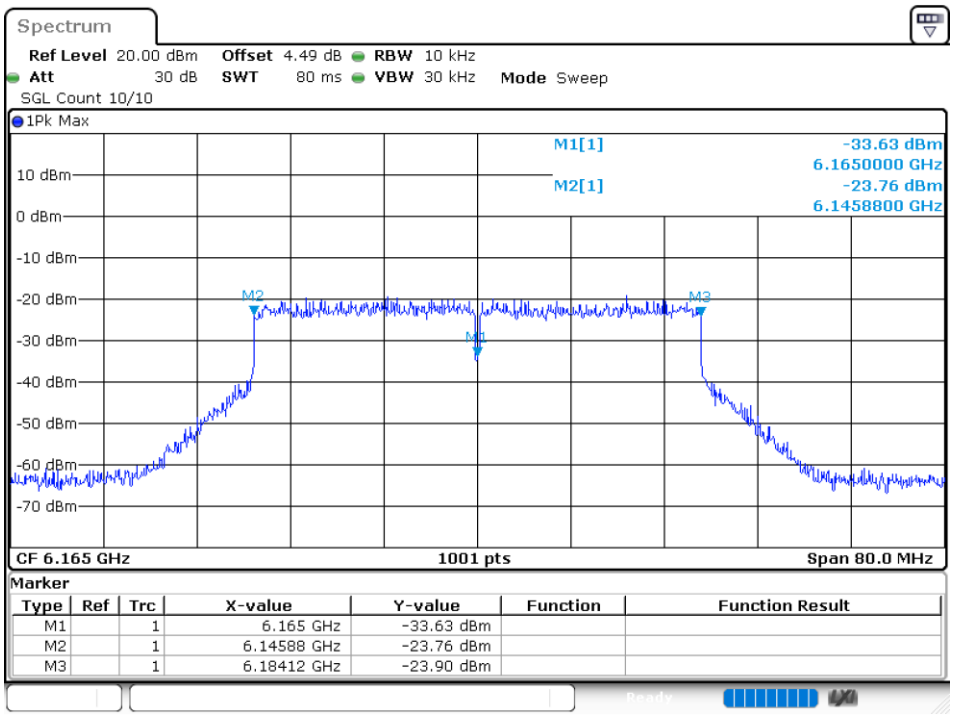
Freq. Stability NVNT ax20 6415MHz Ant2 0 Minutes



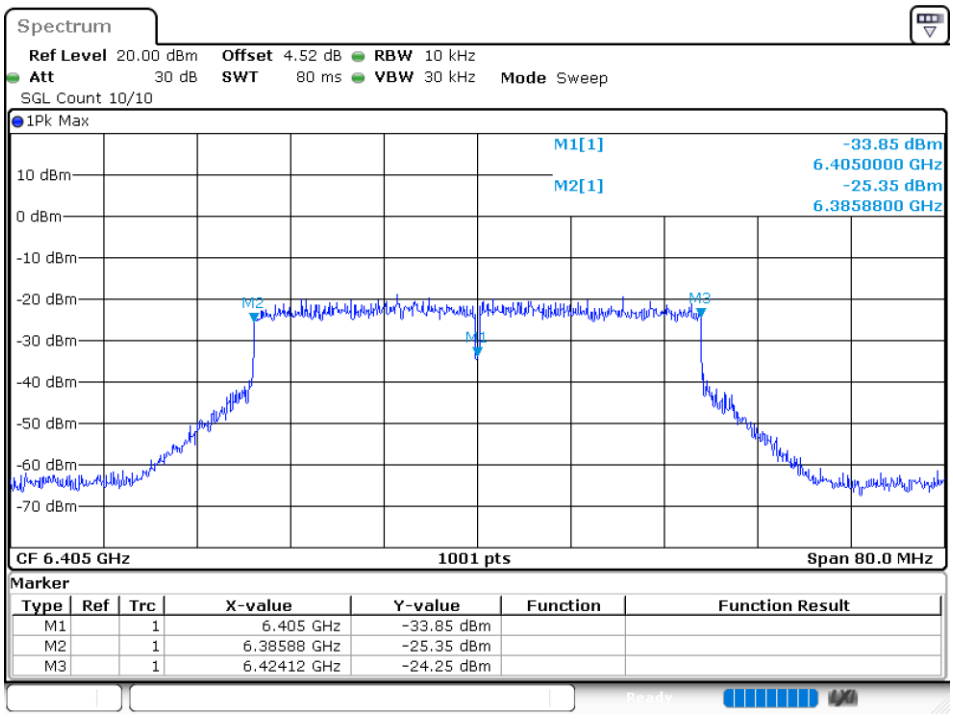
Freq. Stability NVNT ax40 5965MHz Ant1 0 Minutes



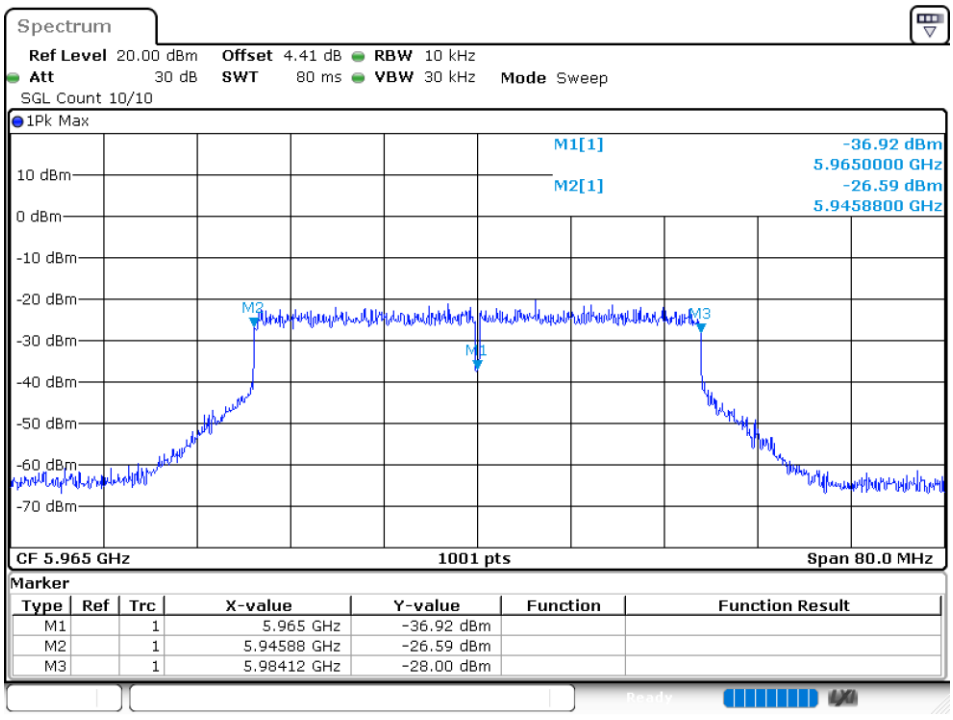
Freq. Stability NVNT ax40 6165MHz Ant1 0 Minutes



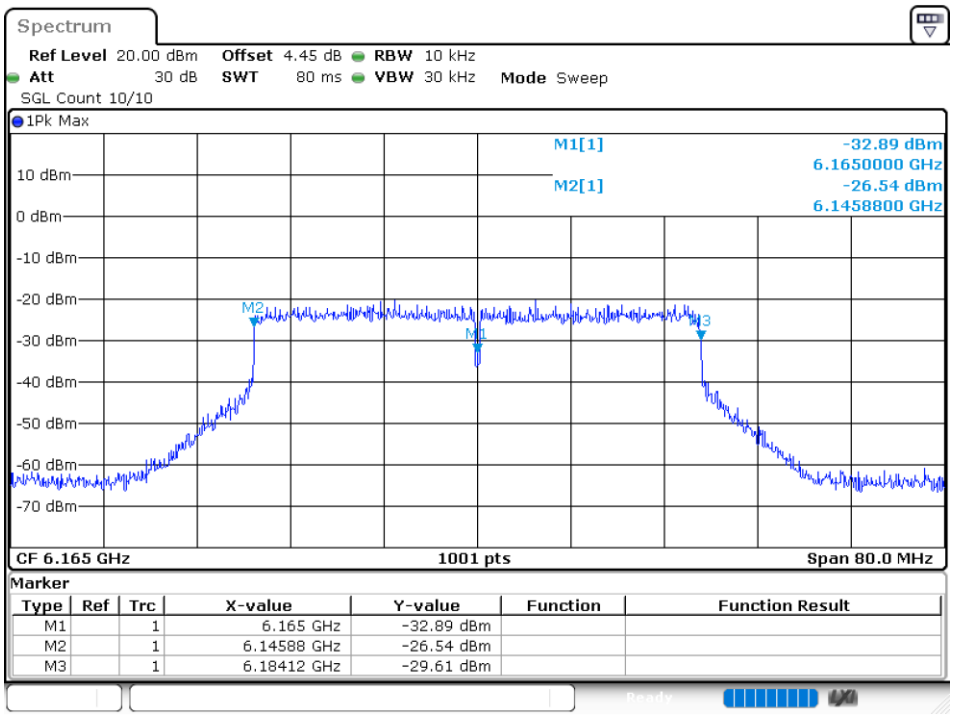
Freq. Stability NVNT ax40 6405MHz Ant1 0 Minutes



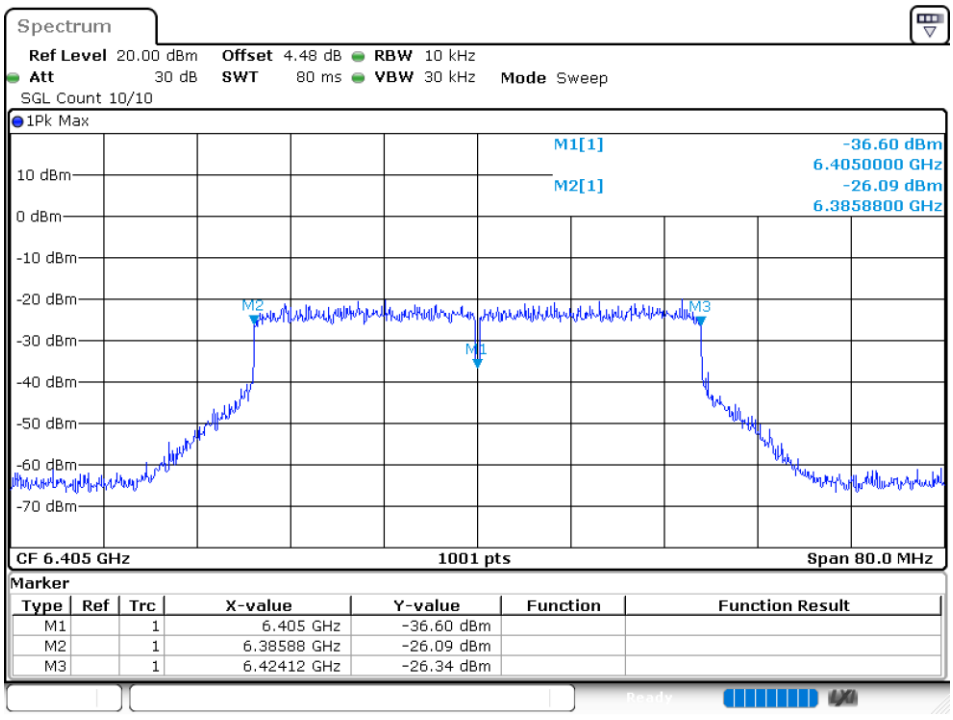
Freq. Stability NVNT ax40 5965MHz Ant2 0 Minutes



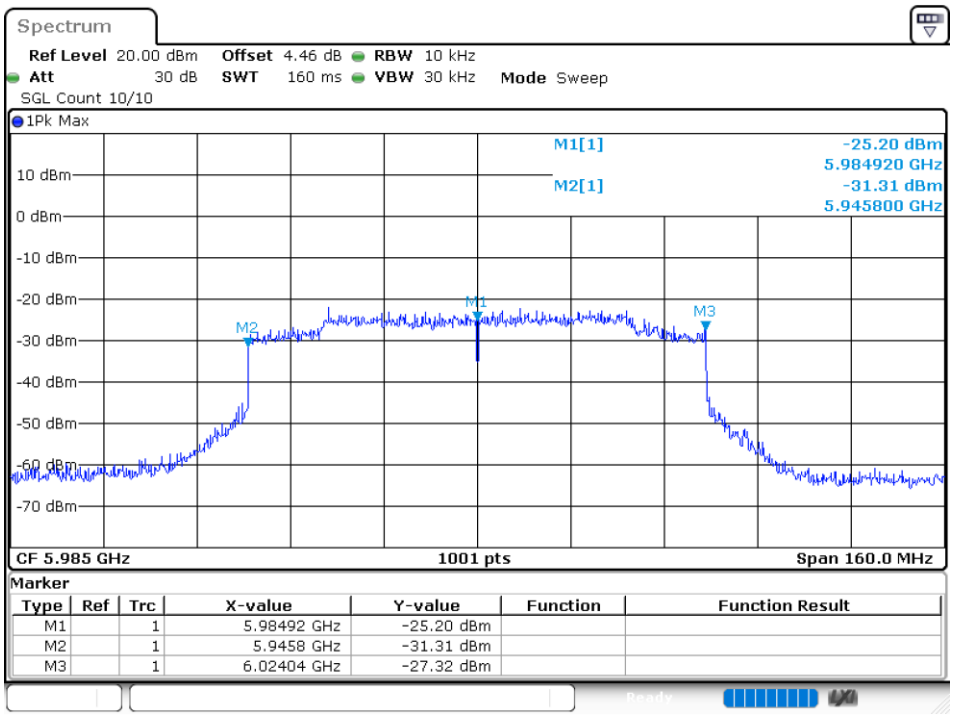
Freq. Stability NVNT ax40 6165MHz Ant2 0 Minutes



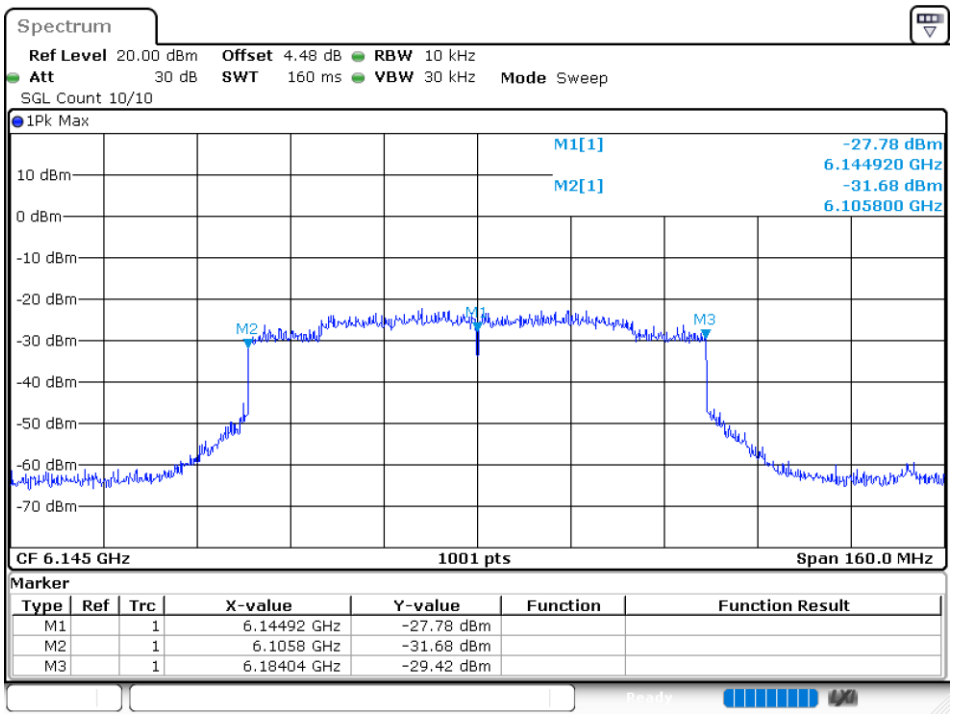
Freq. Stability NVNT ax40 6405MHz Ant2 0 Minutes



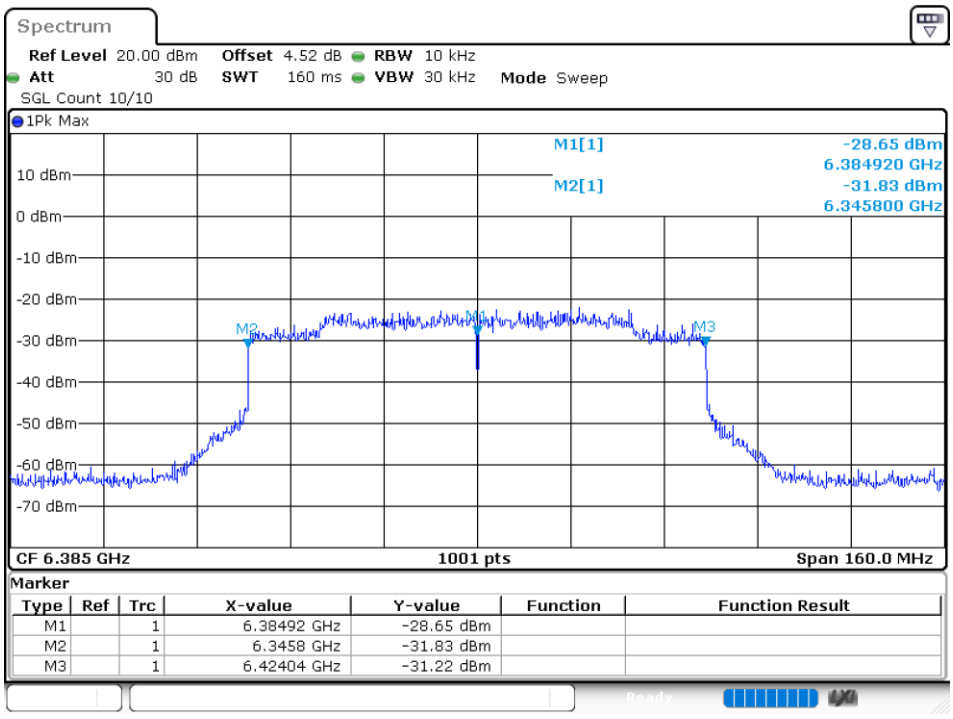
Freq. Stability NVNT ax80 5985MHz Ant1 0 Minutes



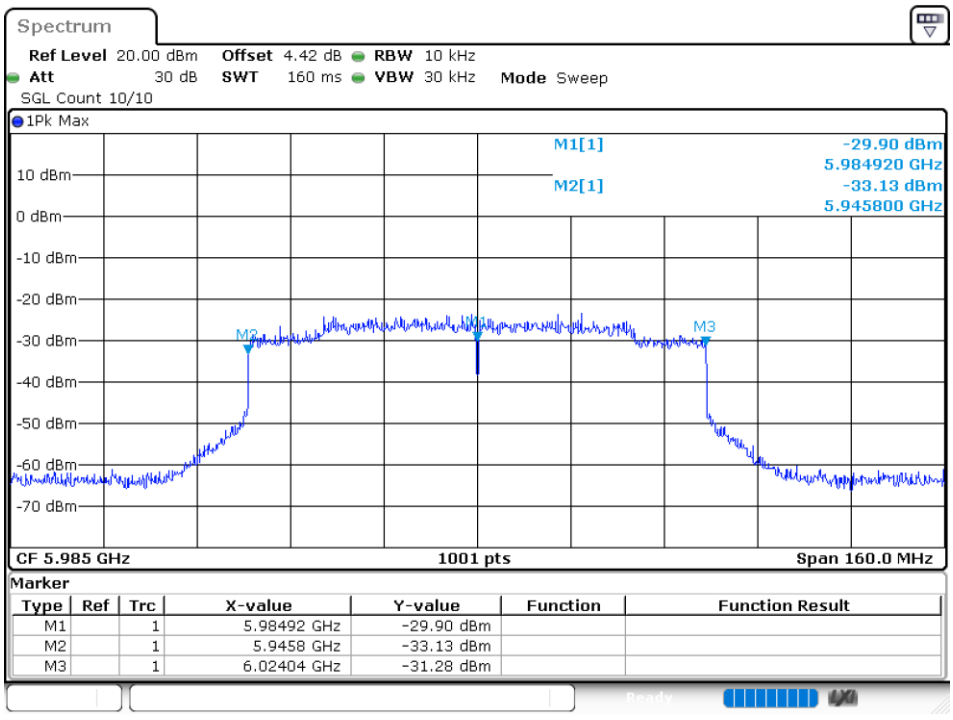
Freq. Stability NVNT ax80 6145MHz Ant1 0 Minutes



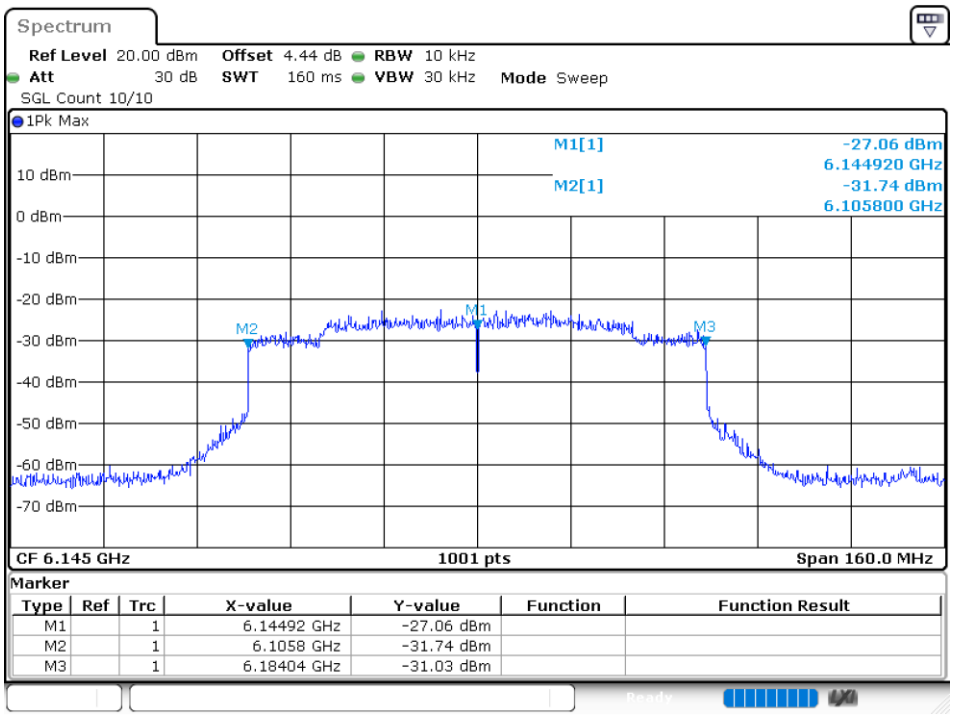
Freq. Stability NVNT ax80 6385MHz Ant1 0 Minutes



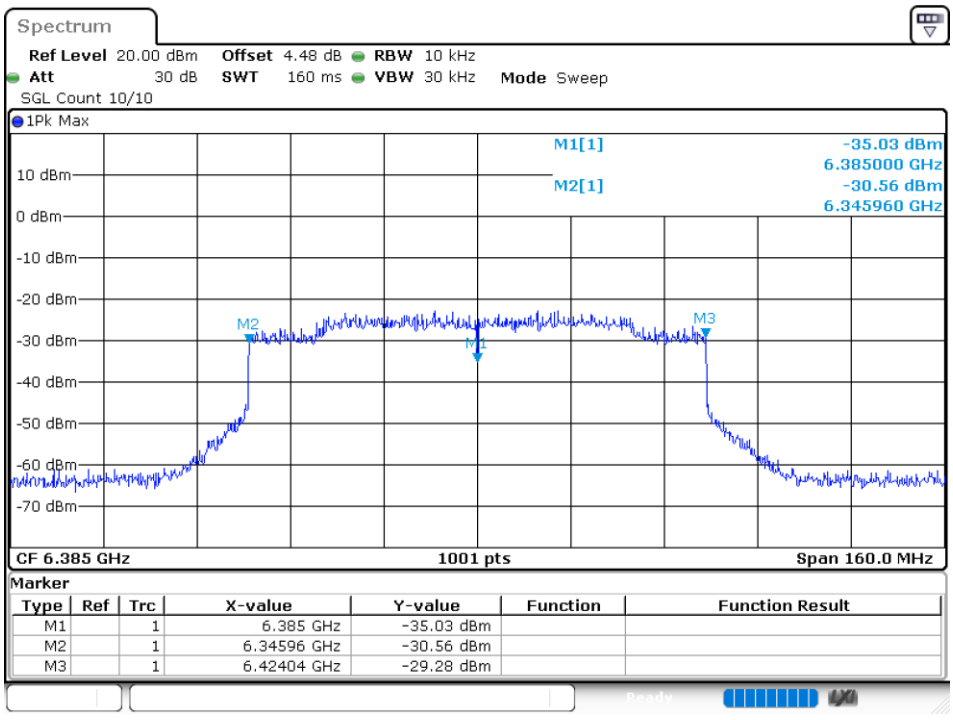
Freq. Stability NVNT ax80 5985MHz Ant2 0 Minutes



Freq. Stability NVNT ax80 6145MHz Ant2 0 Minutes



Freq. Stability NVNT ax80 6385MHz Ant2 0 Minutes

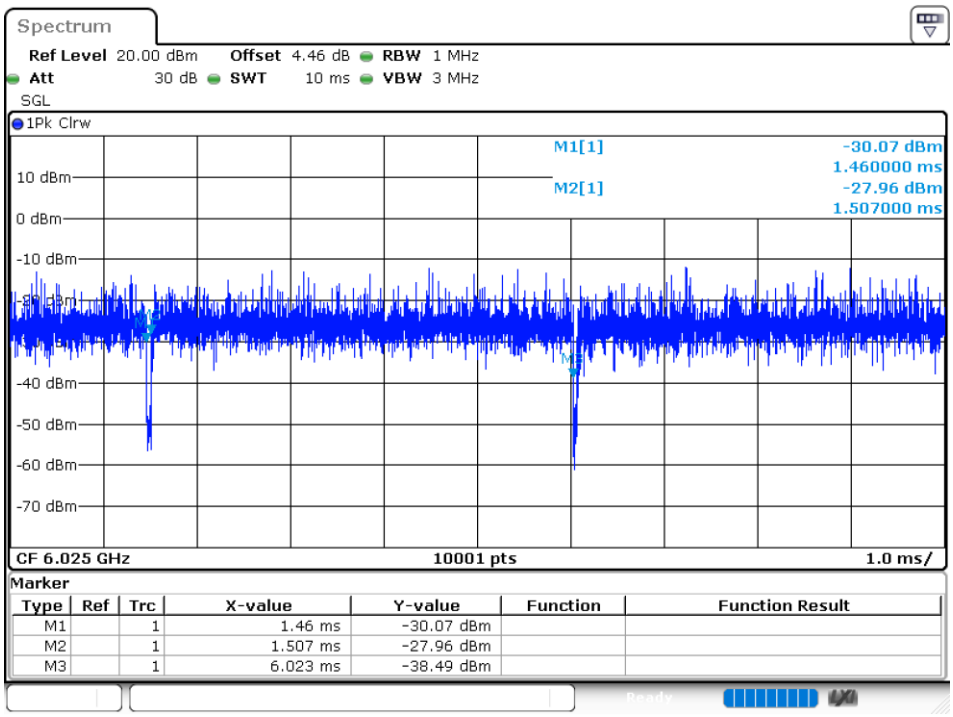


6.2G WIFI MIMO

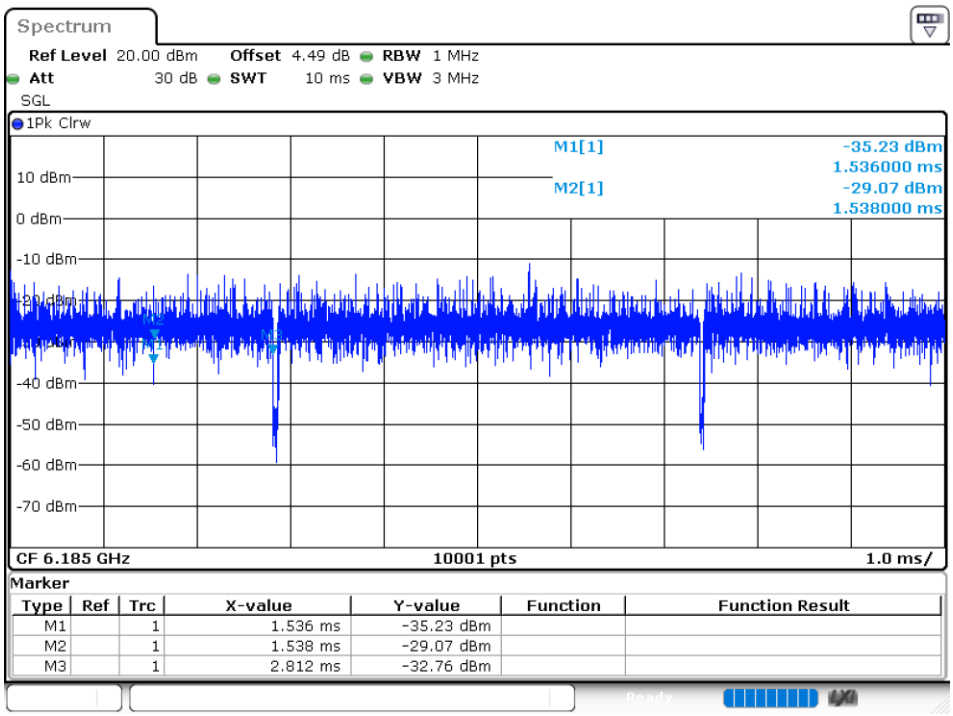
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6025	Sum	98.97	0	0.22
NVNT	ax160	6185	Sum	99.84	0	0.78
NVNT	ax160	6345	Sum	99.92	0	0.38
NVNT	ax20	5955	Sum	97.1	0.13	0.62
NVNT	ax20	6175	Sum	98.29	0	8.7
NVNT	ax20	6415	Sum	99.42	0	0.13
NVNT	ax40	5965	Sum	99.55	0	0
NVNT	ax40	6165	Sum	99.41	0	0.13
NVNT	ax40	6405	Sum	99.54	0	0
NVNT	ax80	5985	Sum	99.54	0	0
NVNT	ax80	6145	Sum	99.49	0	0.13
NVNT	ax80	6385	Sum	99.49	0	0.13

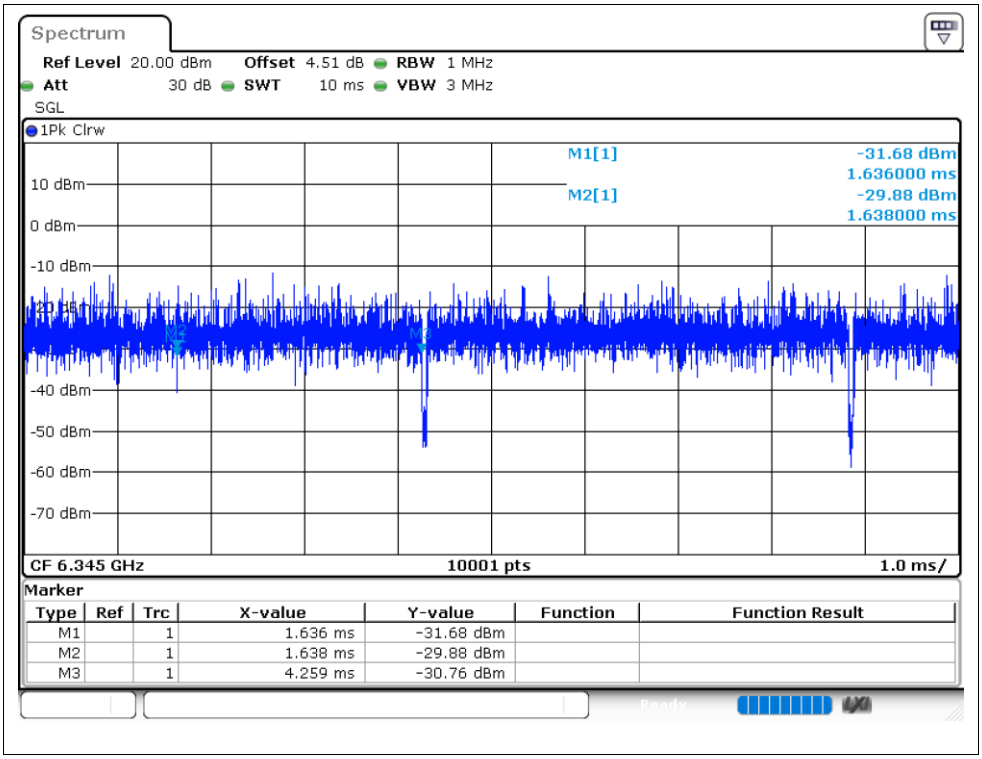
Test Graphs
Duty Cycle NVNT ax160 6025MHz Sum



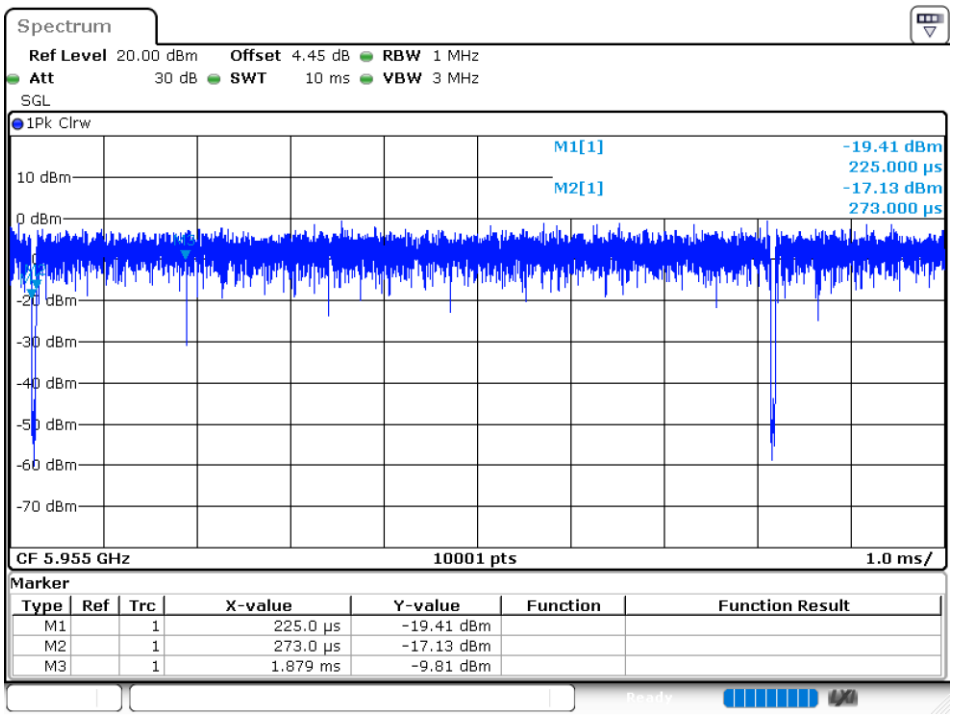
Duty Cycle NVNT ax160 6185MHz Sum



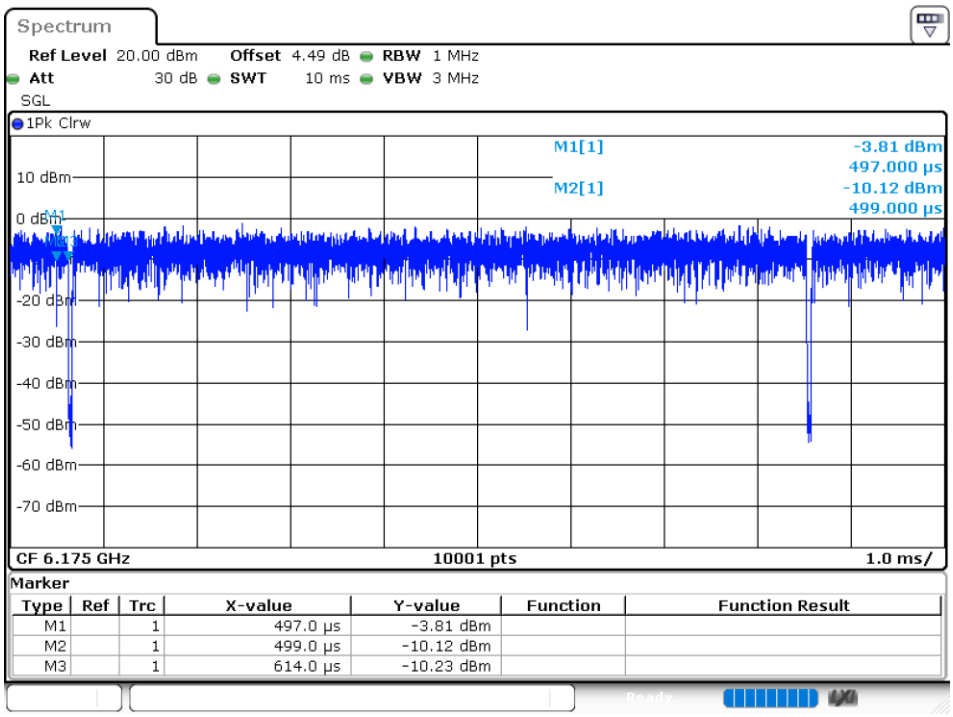
Duty Cycle NVNT ax160 6345MHz Sum


Spectrum
Ref Level 20.00 dBm Offset 4.51 dB RBW 1 MHz
Att 30 dB SWT 10 ms VBW 3 MHz
SGL
1Pk Clrw
M1[1] -31.68 dBm
1.636000 ms
M2[1] -29.88 dBm
1.638000 ms
10 dBm
0 dBm
-10 dBm
-20 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
CF 6.345 GHz
10001 pts
1.0 ms/
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 1.636 ms -31.68 dBm
M2 1 1.638 ms -29.88 dBm
M3 1 4.259 ms -30.76 dBm

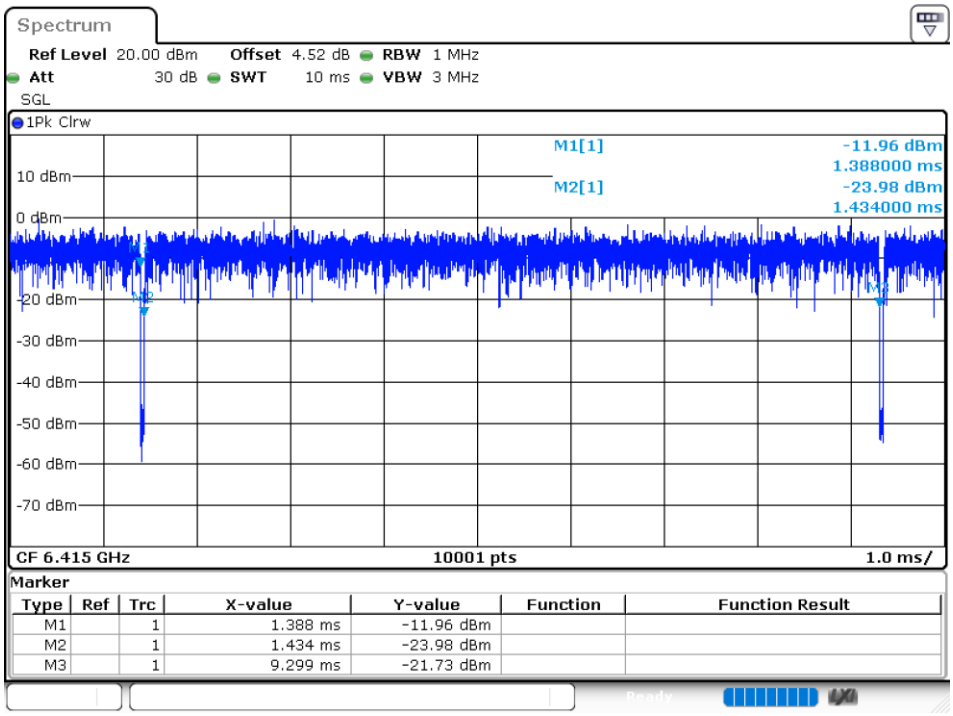
Duty Cycle NVNT ax20 5955MHz Sum



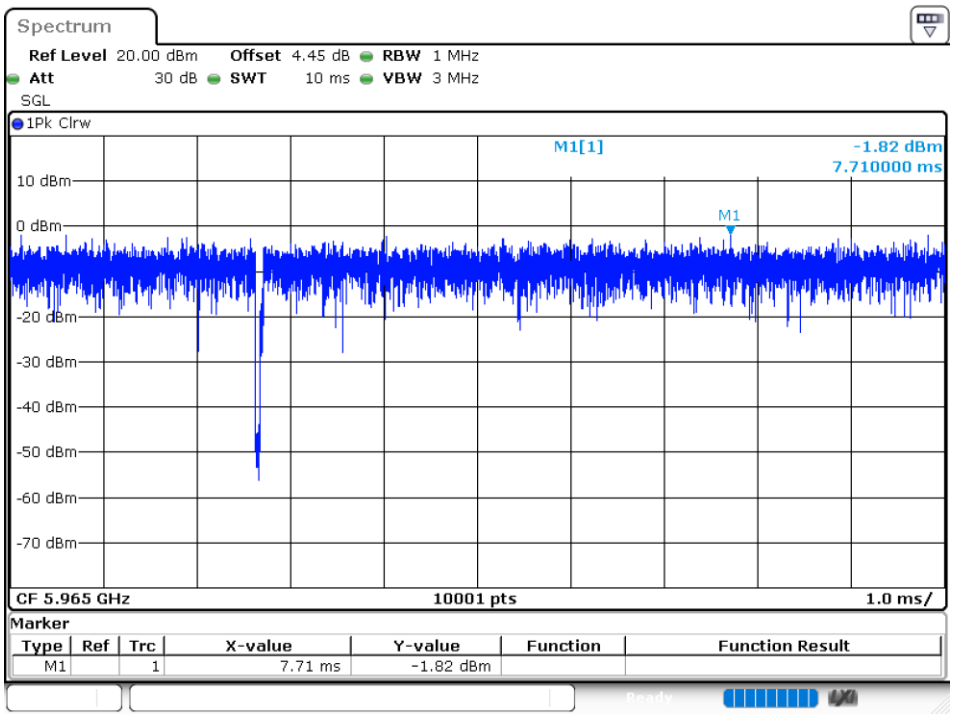
Duty Cycle NVNT ax20 6175MHz Sum



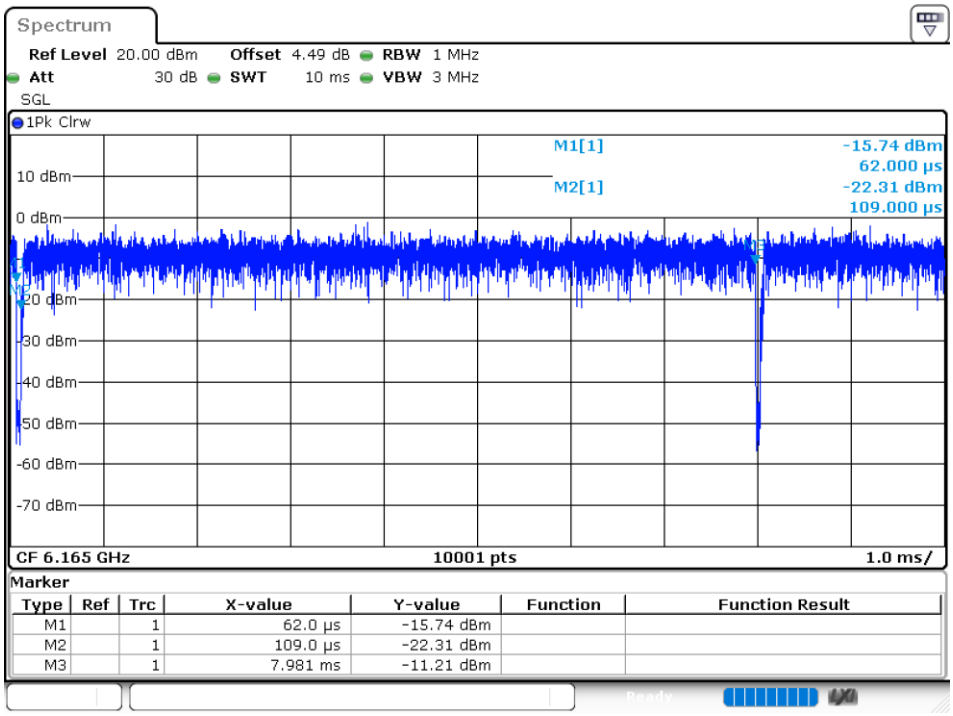
Duty Cycle NVNT ax20 6415MHz Sum



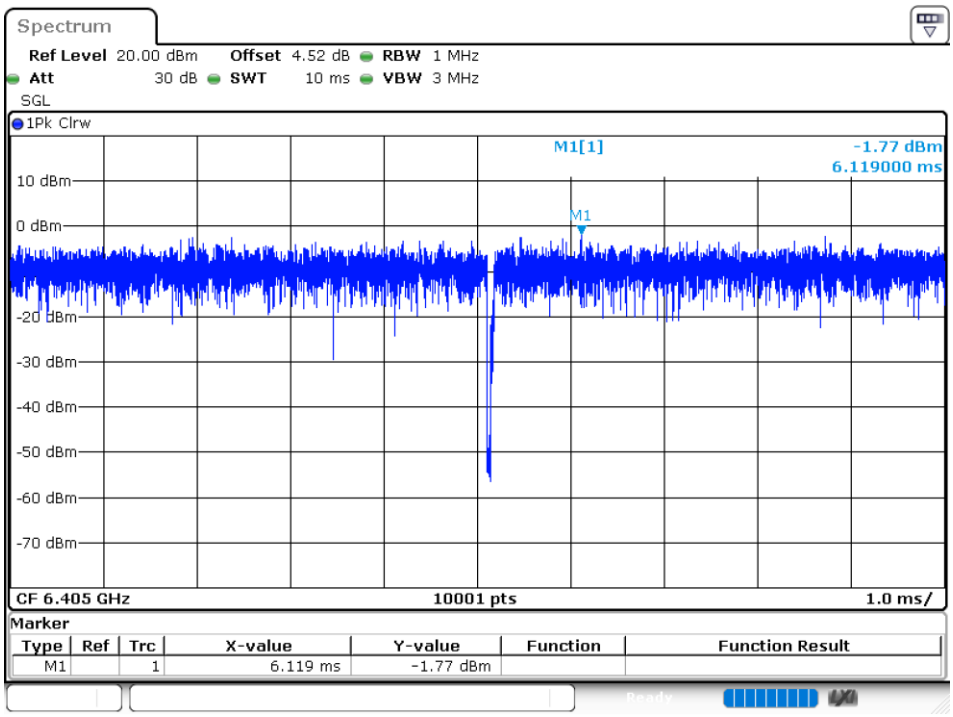
Duty Cycle NVNT ax40 5965MHz Sum



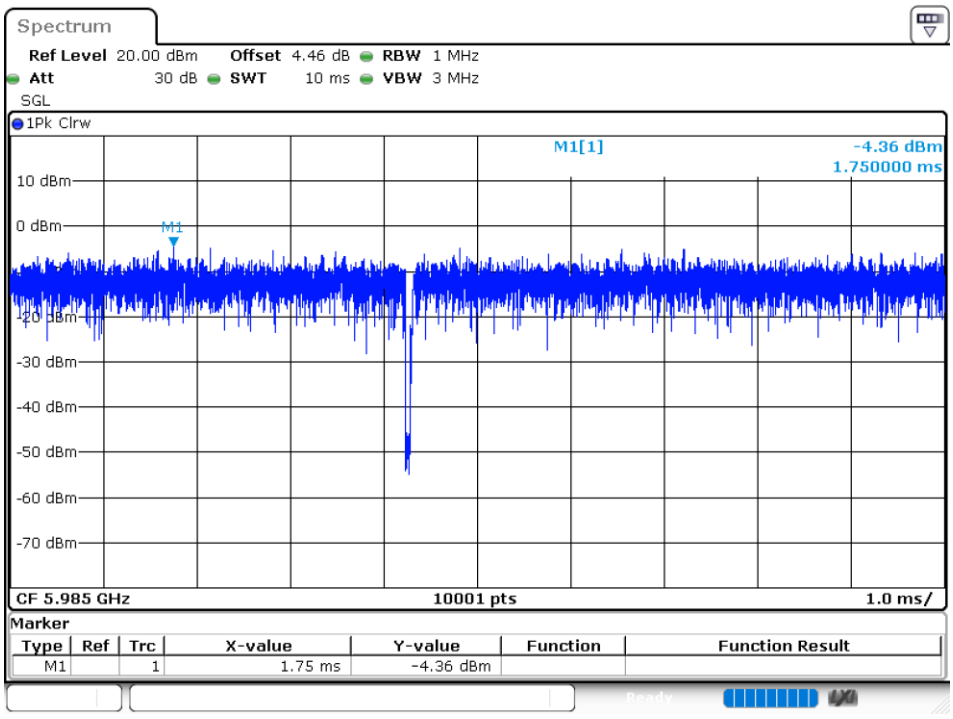
Duty Cycle NVNT ax40 6165MHz Sum



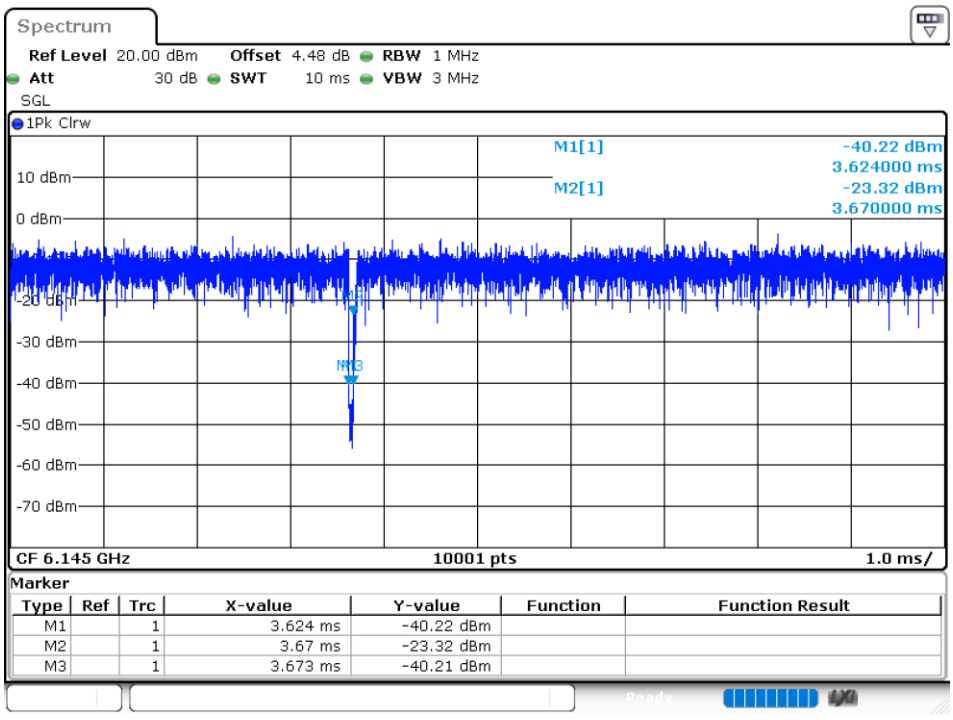
Duty Cycle NVNT ax40 6405MHz Sum



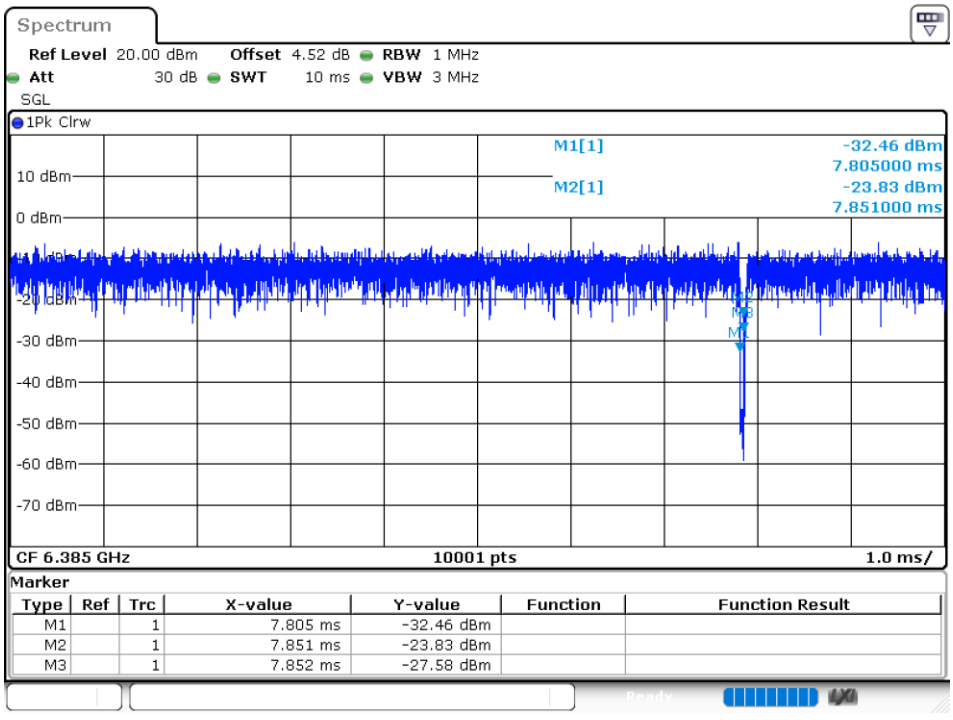
Duty Cycle NVNT ax80 5985MHz Sum



Duty Cycle NVNT ax80 6145MHz Sum



Duty Cycle NVNT ax80 6385MHz Sum



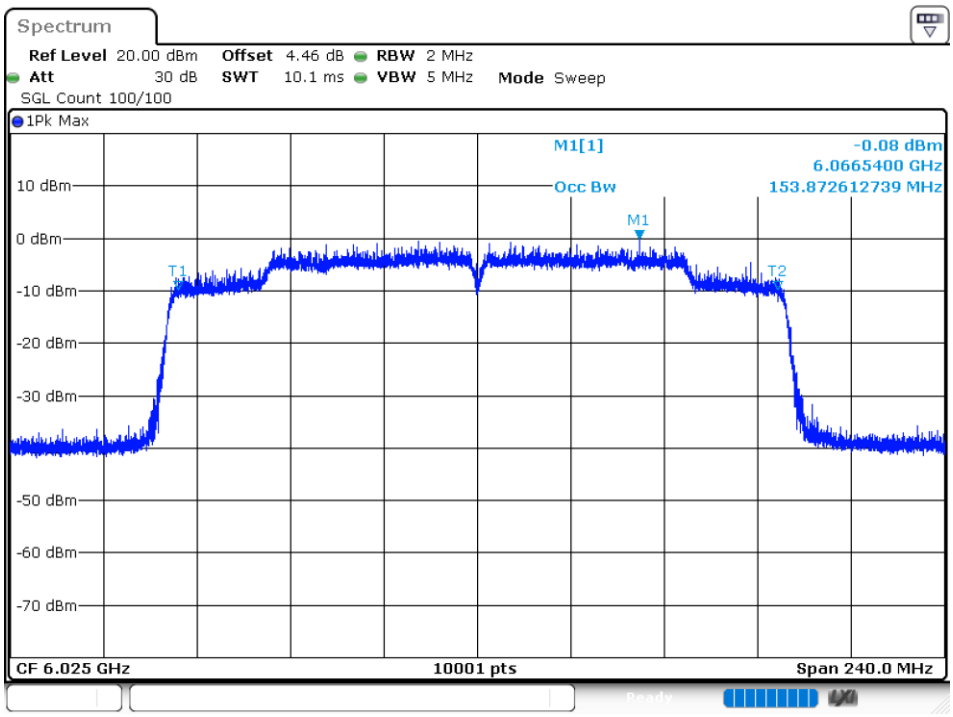
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	5.77	4.9	10.67	24	Pass
NVNT	ax160	6025	Ant2	6.57	4.81	11.38	24	Pass
NVNT	ax160	6025	Sum			14.05	24	Pass
NVNT	ax160	6185	Ant1	6.05	4.9	10.95	24	Pass
NVNT	ax160	6185	Ant2	6.9	4.81	11.71	24	Pass
NVNT	ax160	6185	Sum			14.36	24	Pass
NVNT	ax160	6345	Ant1	5.75	4.9	10.65	24	Pass
NVNT	ax160	6345	Ant2	6.66	4.81	11.47	24	Pass
NVNT	ax160	6345	Sum			14.09	24	Pass
NVNT	ax20	5955	Ant1	3.95	4.9	8.85	24	Pass
NVNT	ax20	5955	Ant2	5.04	4.81	9.85	24	Pass
NVNT	ax20	5955	Sum			12.39	24	Pass
NVNT	ax20	6175	Ant1	3.87	4.9	8.77	24	Pass
NVNT	ax20	6175	Ant2	5.05	4.81	9.86	24	Pass
NVNT	ax20	6175	Sum			12.36	24	Pass
NVNT	ax20	6415	Ant1	3.72	4.9	8.62	24	Pass
NVNT	ax20	6415	Ant2	4.82	4.81	9.63	24	Pass
NVNT	ax20	6415	Sum			12.16	24	Pass
NVNT	ax40	5965	Ant1	5.54	4.9	10.44	24	Pass
NVNT	ax40	5965	Ant2	6.89	4.81	11.7	24	Pass
NVNT	ax40	5965	Sum			14.13	24	Pass
NVNT	ax40	6165	Ant1	5.72	4.9	10.62	24	Pass
NVNT	ax40	6165	Ant2	6.89	4.81	11.7	24	Pass
NVNT	ax40	6165	Sum			14.20	24	Pass
NVNT	ax40	6405	Ant1	5.64	4.9	10.54	24	Pass
NVNT	ax40	6405	Ant2	6.81	4.81	11.62	24	Pass
NVNT	ax40	6405	Sum			14.12	24	Pass
NVNT	ax80	5985	Ant1	5.89	4.9	10.79	24	Pass
NVNT	ax80	5985	Ant2	6.63	4.81	11.44	24	Pass
NVNT	ax80	5985	Sum			14.14	24	Pass
NVNT	ax80	6145	Ant1	5.41	4.9	10.31	24	Pass
NVNT	ax80	6145	Ant2	6.59	4.81	11.4	24	Pass
NVNT	ax80	6145	Sum			13.9	24	Pass
NVNT	ax80	6385	Ant1	5.54	4.9	10.44	24	Pass
NVNT	ax80	6385	Ant2	6.13	4.81	10.94	24	Pass
NVNT	ax80	6385	Sum			13.71	24	Pass

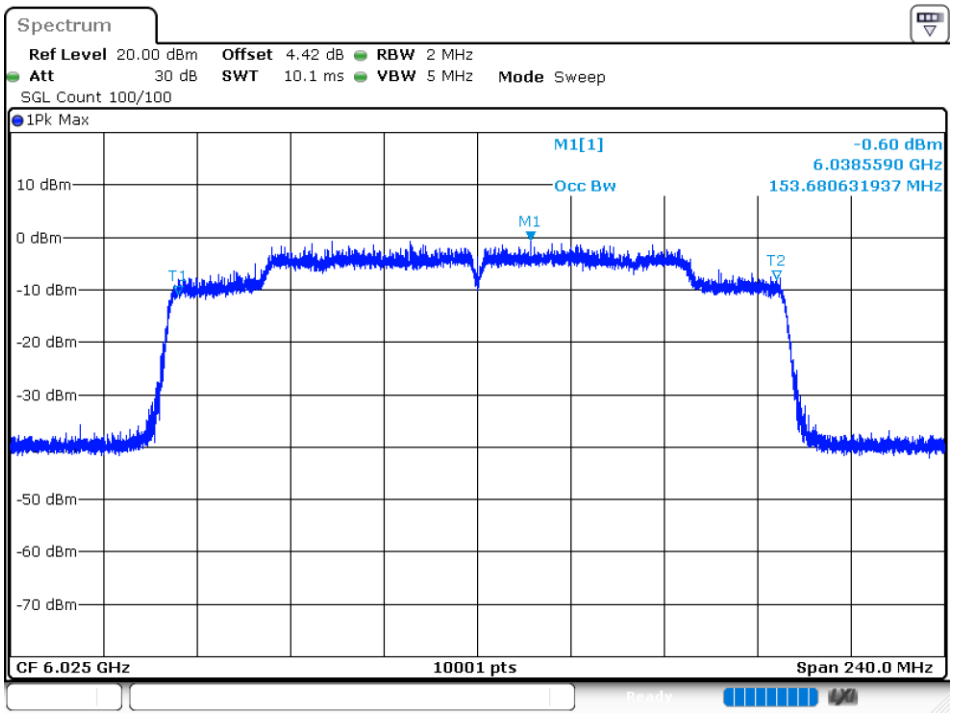
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6025	Ant1	153.873
NVNT	ax160	6025	Ant2	153.681
NVNT	ax160	6185	Ant1	153.993
NVNT	ax160	6185	Ant2	153.681
NVNT	ax160	6345	Ant1	153.897
NVNT	ax160	6345	Ant2	154.209
NVNT	ax20	5955	Ant1	19.048
NVNT	ax20	5955	Ant2	19.063
NVNT	ax20	6175	Ant1	19.06
NVNT	ax20	6175	Ant2	19.045
NVNT	ax20	6415	Ant1	19.045
NVNT	ax20	6415	Ant2	19.033
NVNT	ax40	5965	Ant1	37.886
NVNT	ax40	5965	Ant2	37.868
NVNT	ax40	6165	Ant1	37.874
NVNT	ax40	6165	Ant2	37.82
NVNT	ax40	6405	Ant1	37.85
NVNT	ax40	6405	Ant2	37.79
NVNT	ax80	5985	Ant1	76.636
NVNT	ax80	5985	Ant2	76.696
NVNT	ax80	6145	Ant1	76.612
NVNT	ax80	6145	Ant2	76.54
NVNT	ax80	6385	Ant1	76.624
NVNT	ax80	6385	Ant2	76.72

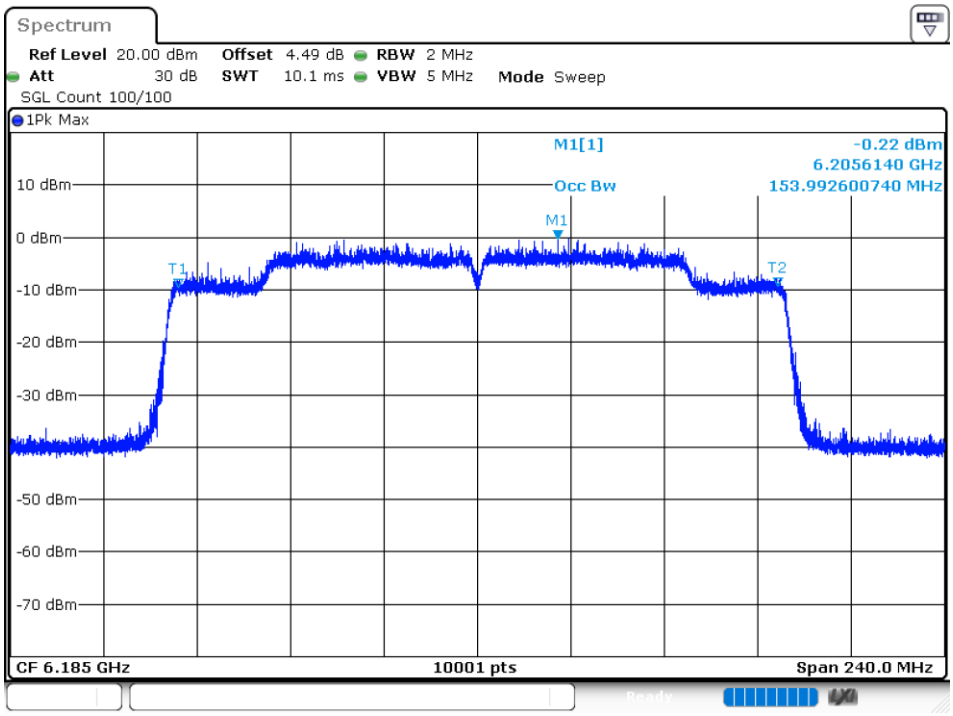
Test Graphs
OBW NVNT ax160 6025MHz Ant1



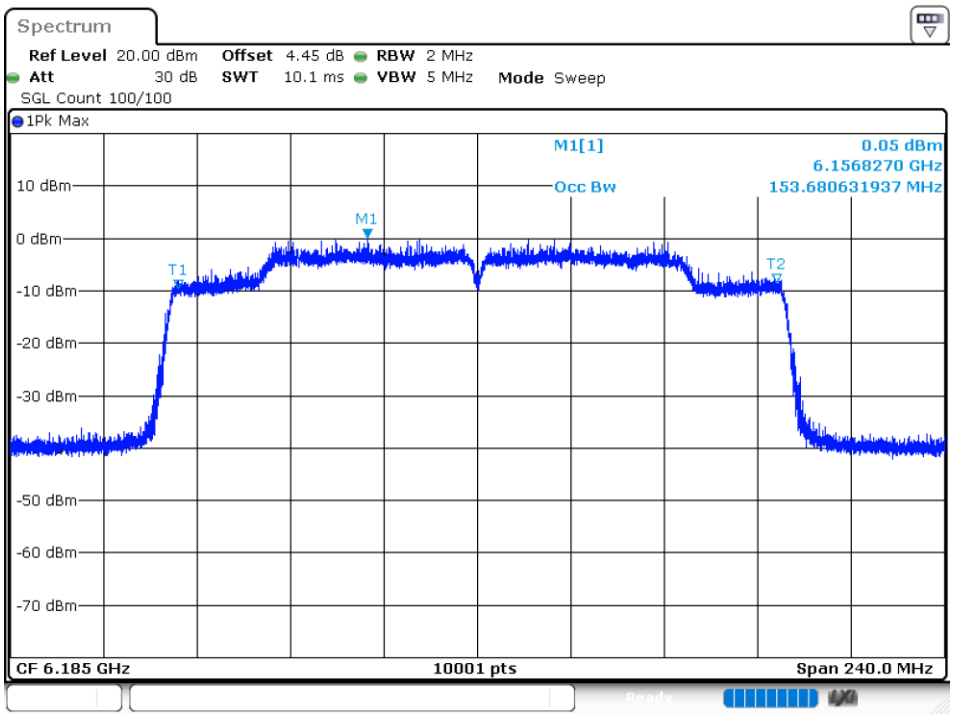
OBW NVNT ax160 6025MHz Ant2



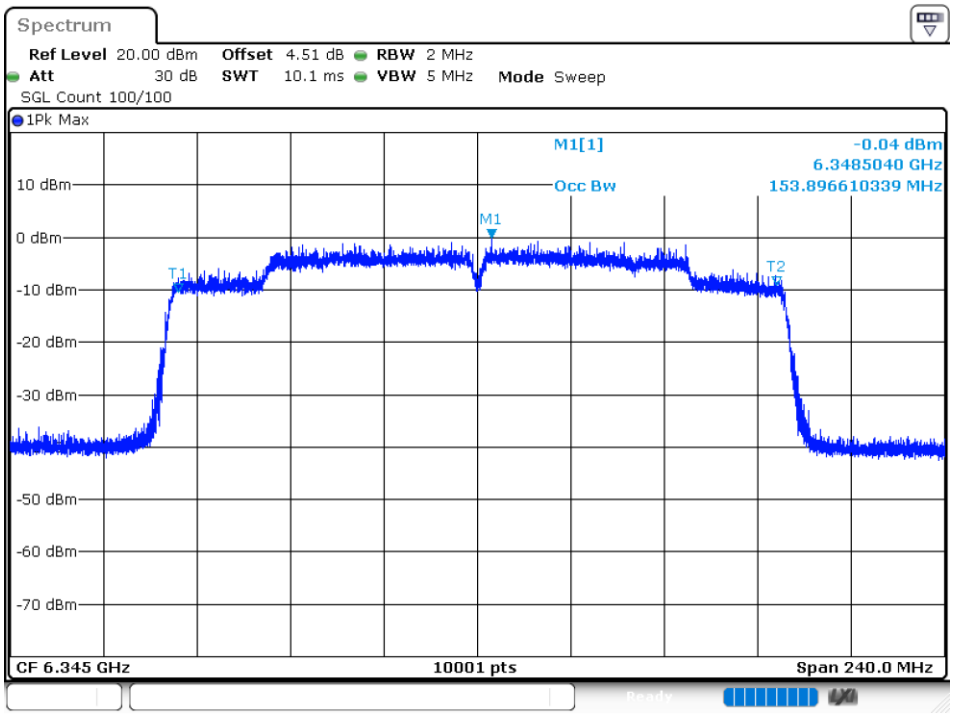
OBW NVNT ax160 6185MHz Ant1



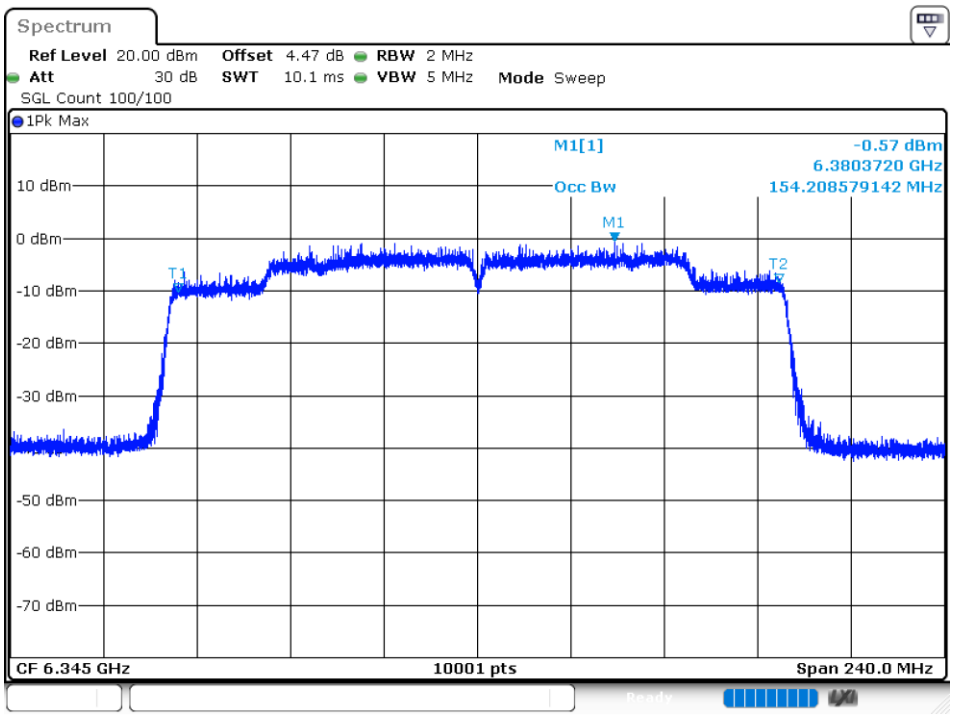
OBW NVNT ax160 6185MHz Ant2



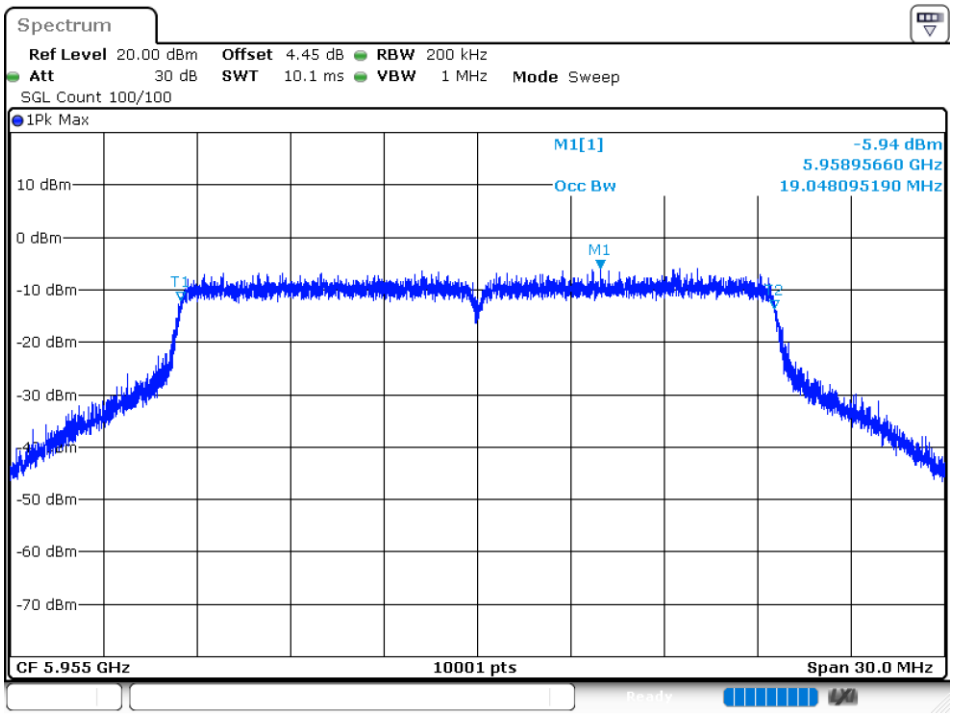
OBW NVNT ax160 6345MHz Ant1



OBW NVNT ax160 6345MHz Ant2



OBW NVNT ax20 5955MHz Ant1



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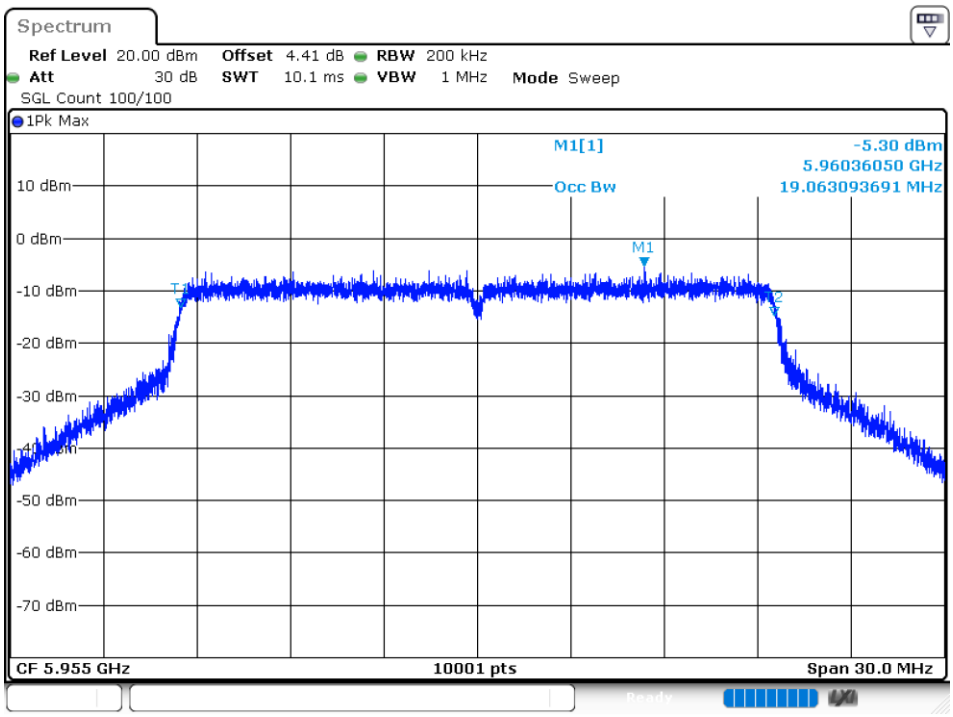

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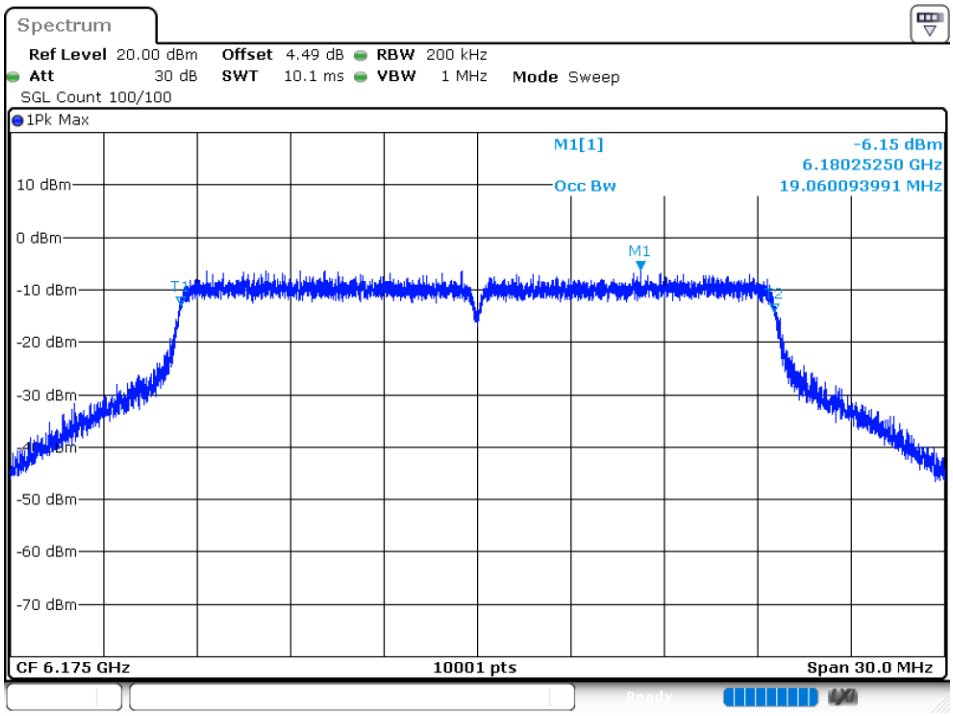

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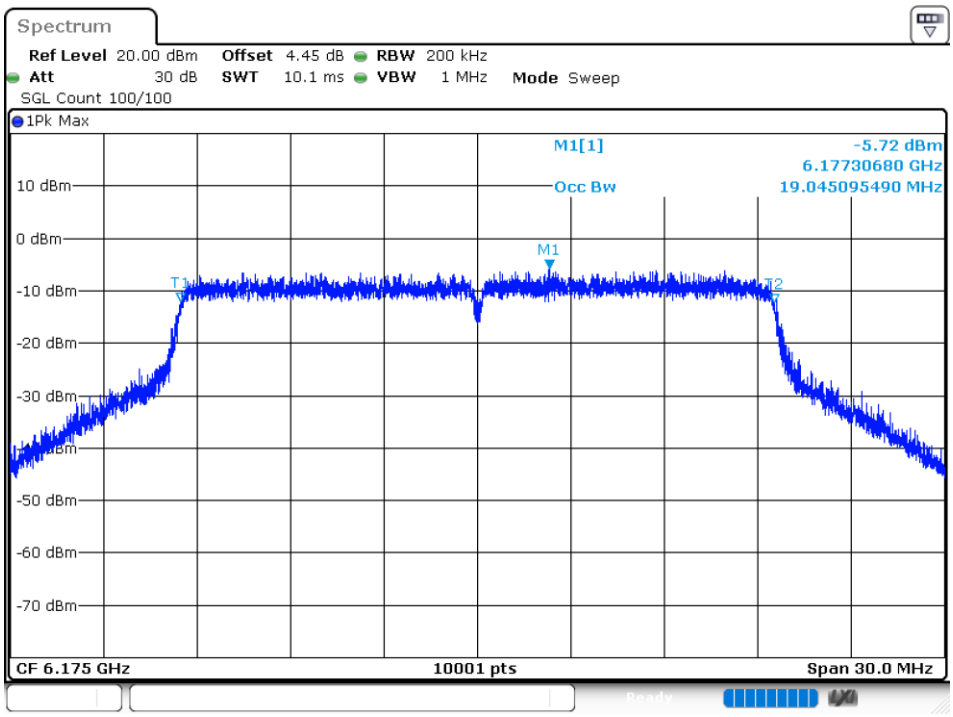

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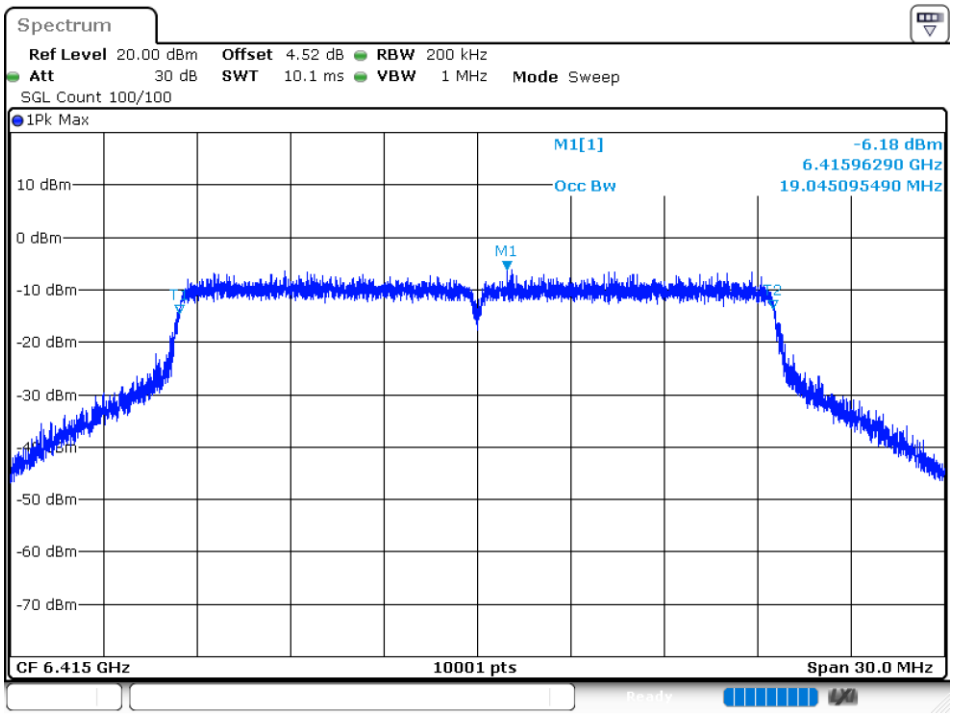
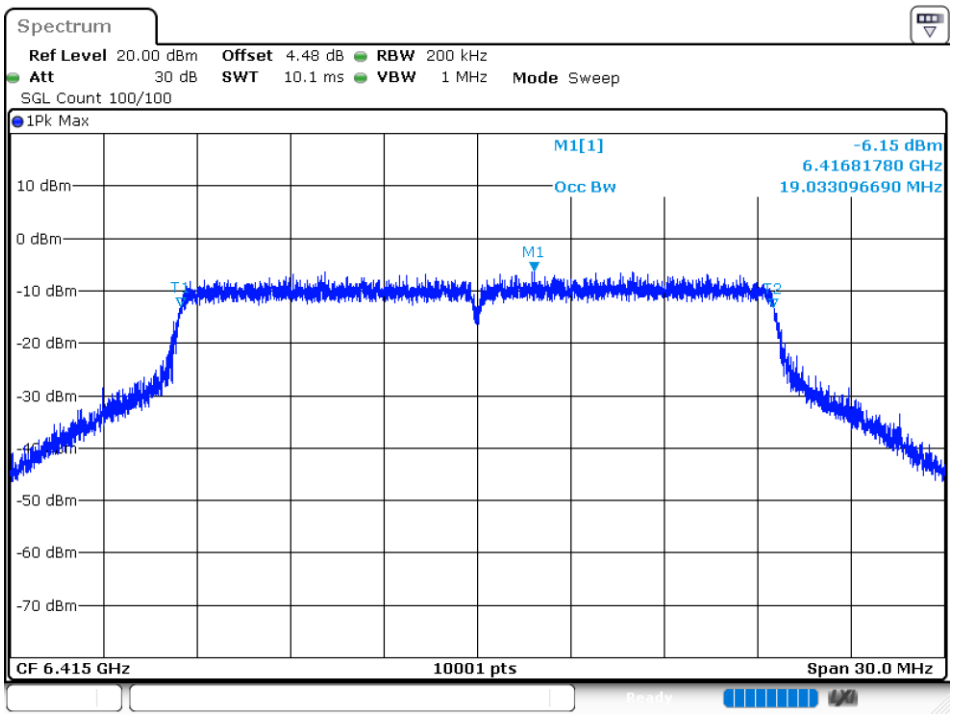
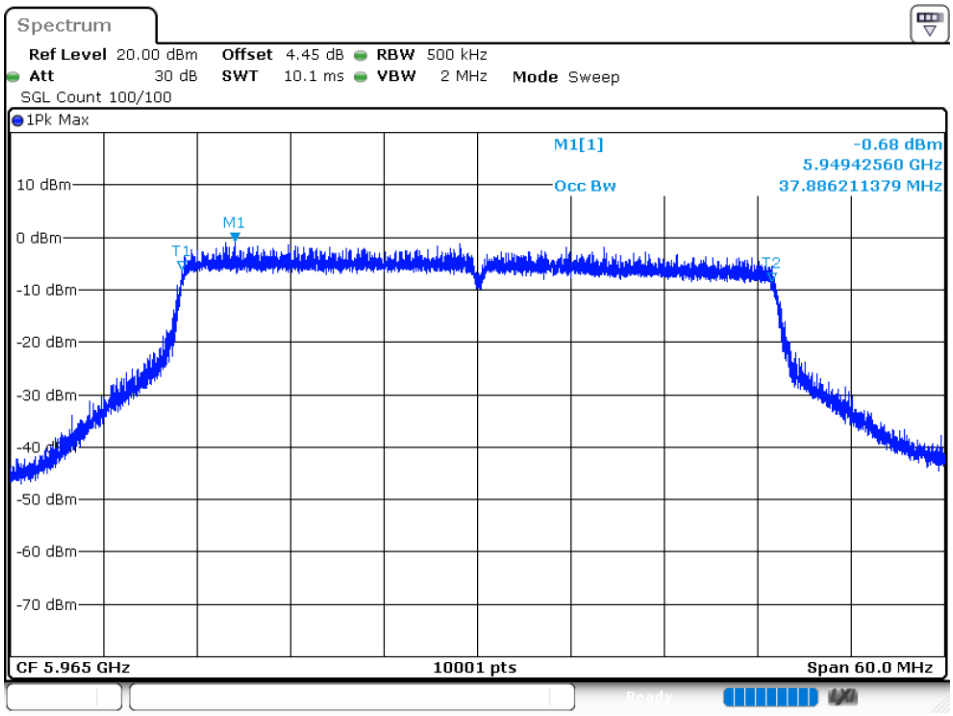


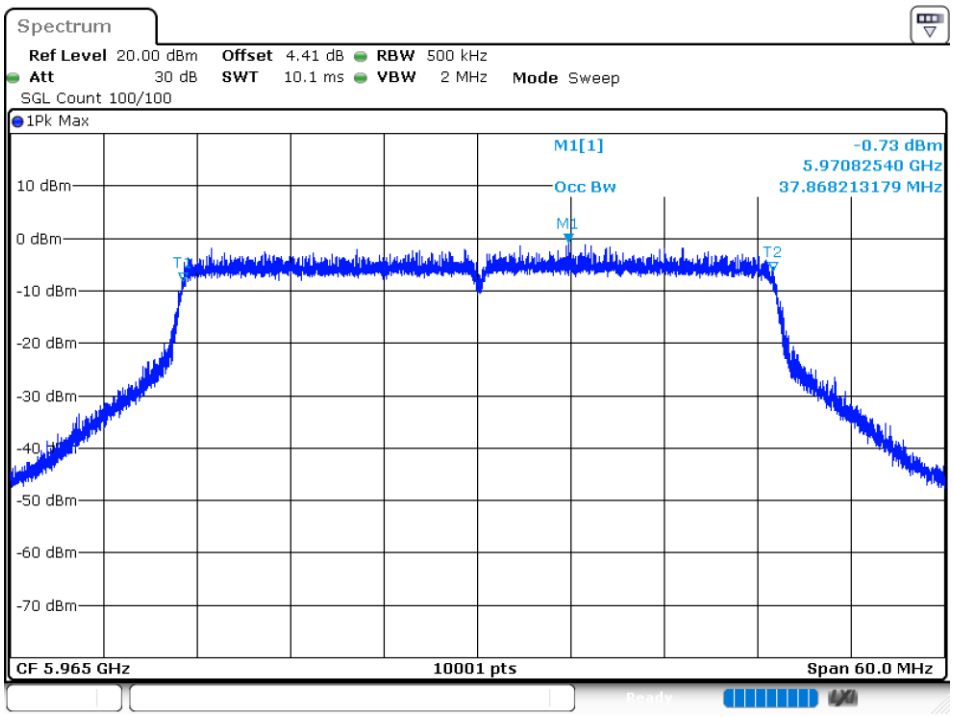
OBW NVNT ax20 6415MHz Ant2



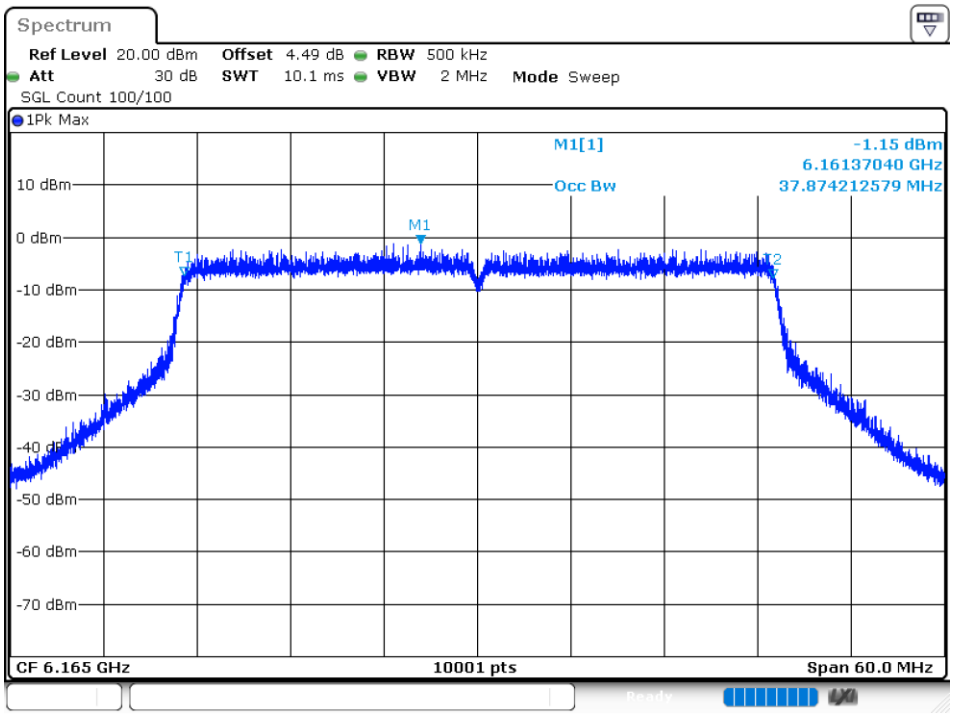
OBW NVNT ax40 5965MHz Ant1



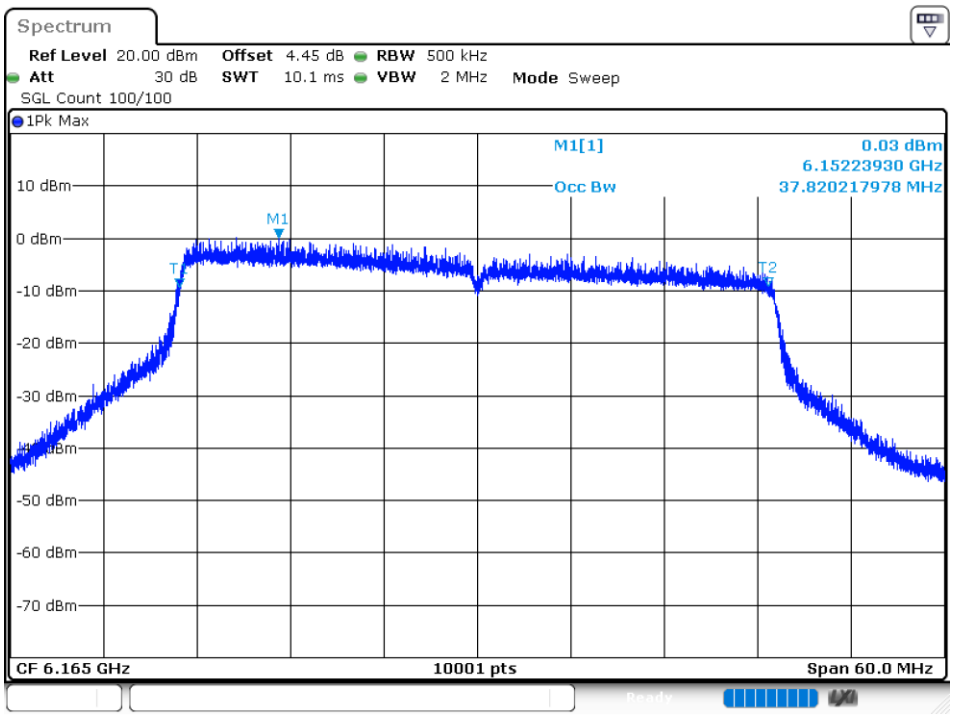
OBW NVNT ax40 5965MHz Ant2



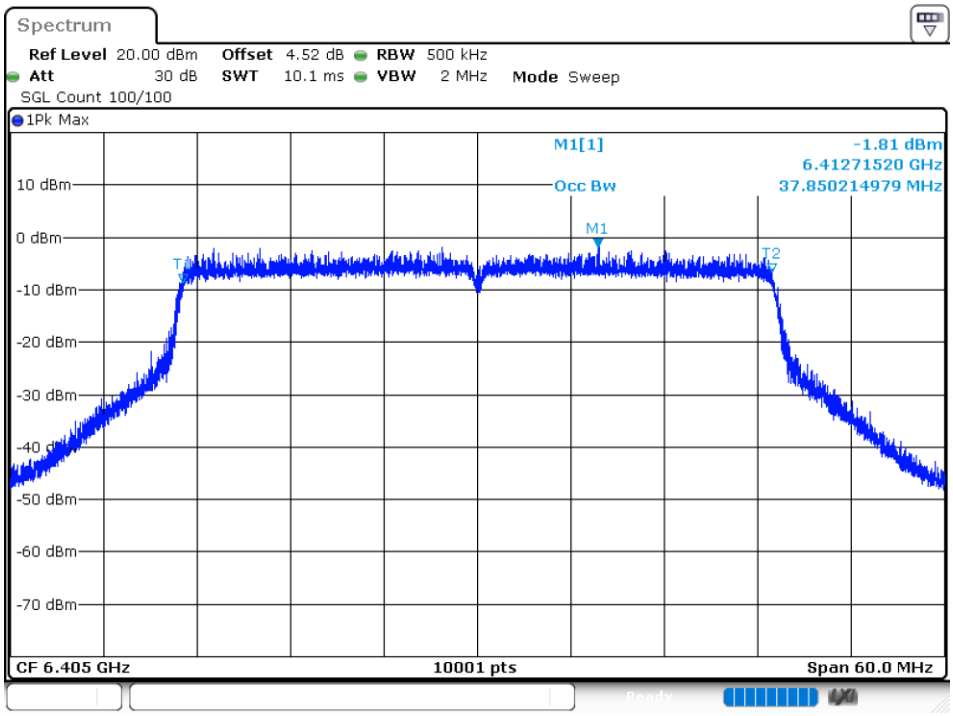
OBW NVNT ax40 6165MHz Ant1



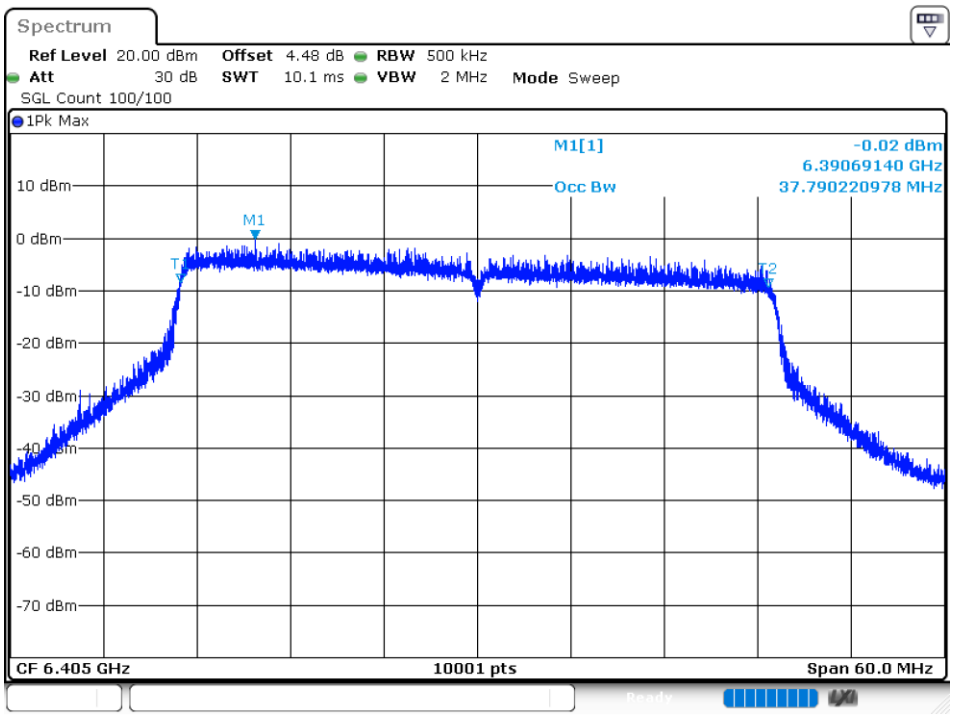
OBW NVNT ax40 6165MHz Ant2



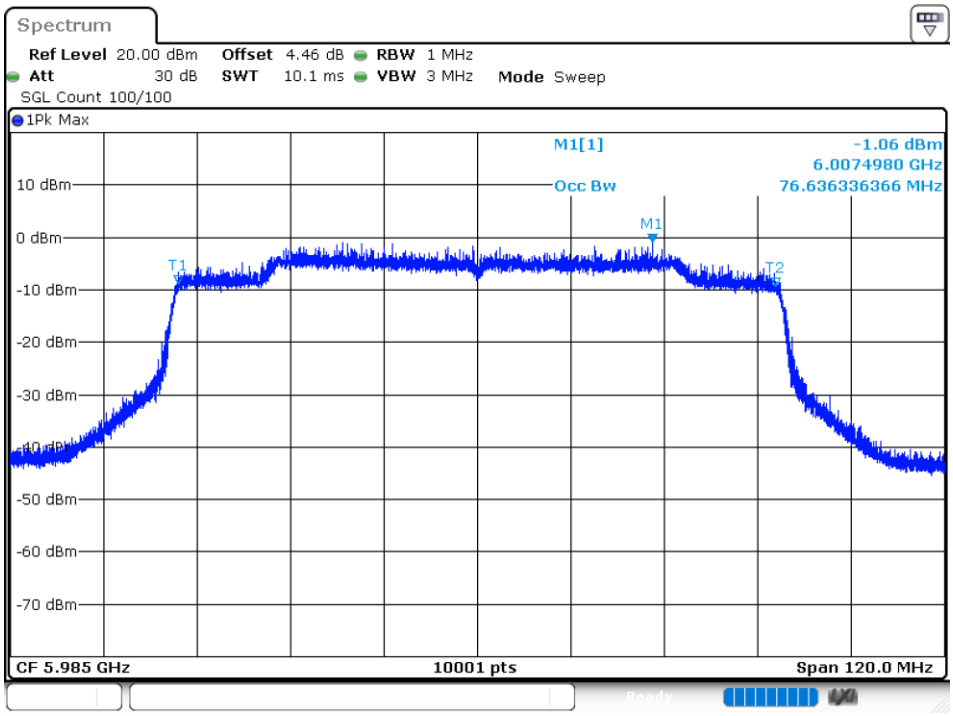
OBW NVNT ax40 6405MHz Ant1



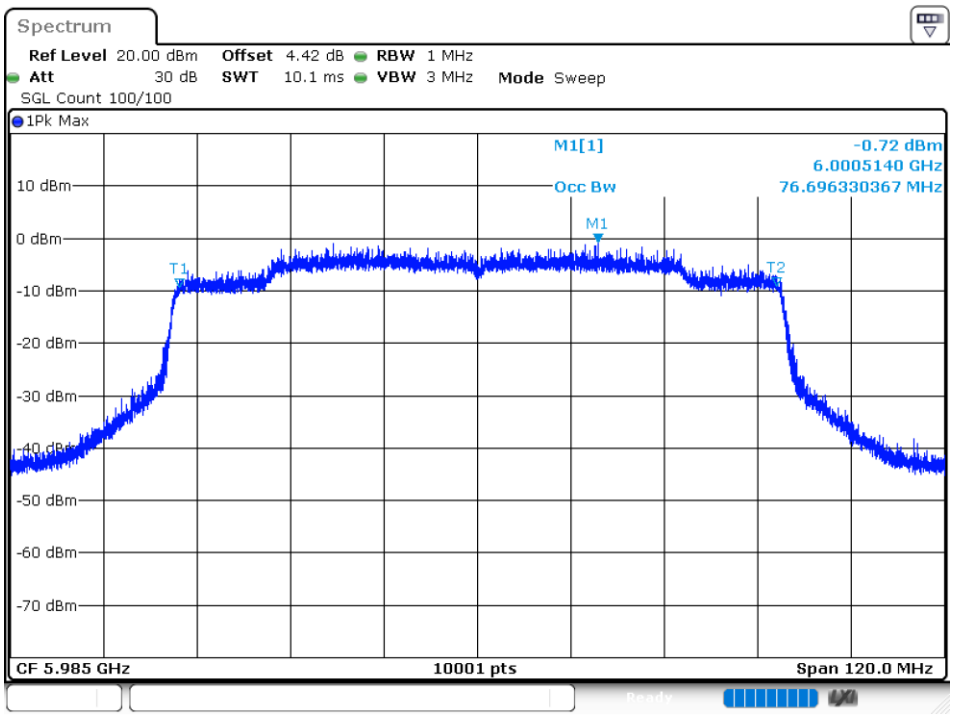
OBW NVNT ax40 6405MHz Ant2



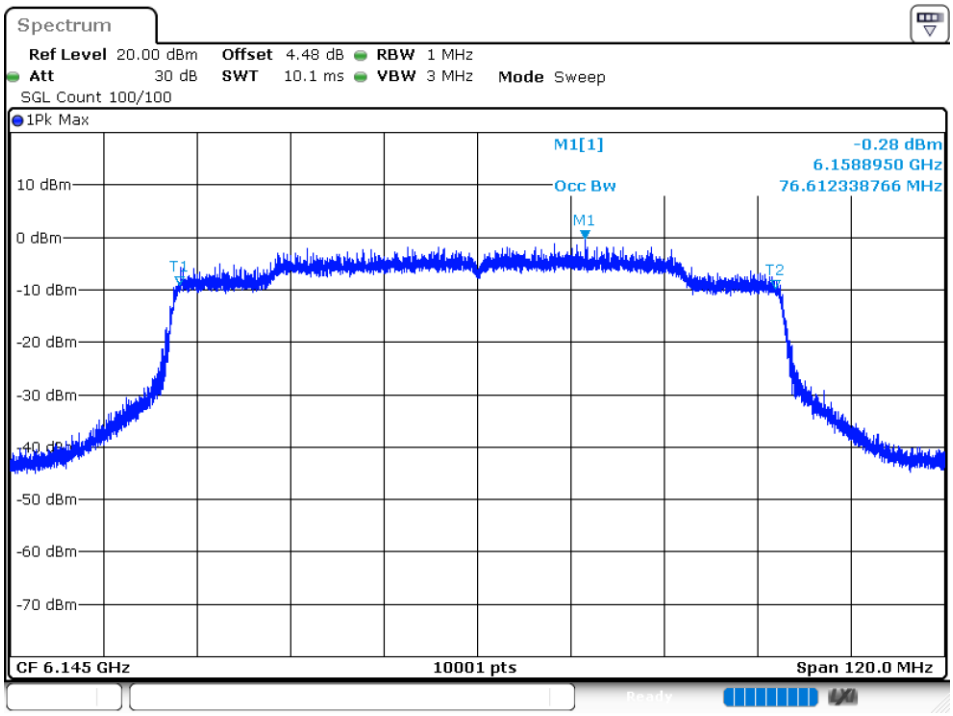
OBW NVNT ax80 5985MHz Ant1



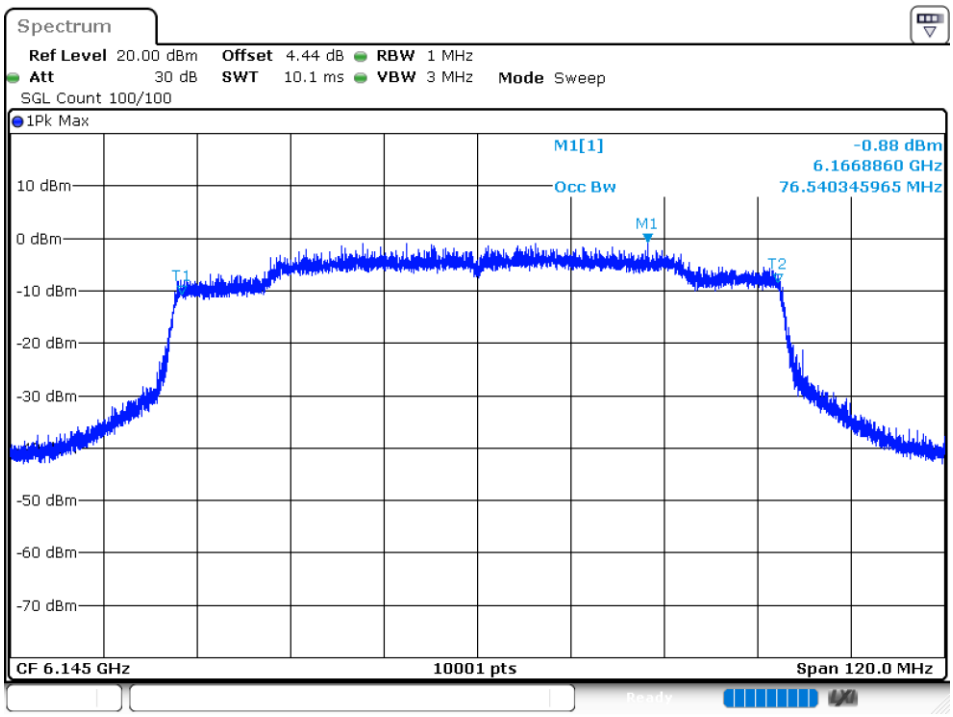
OBW NVNT ax80 5985MHz Ant2



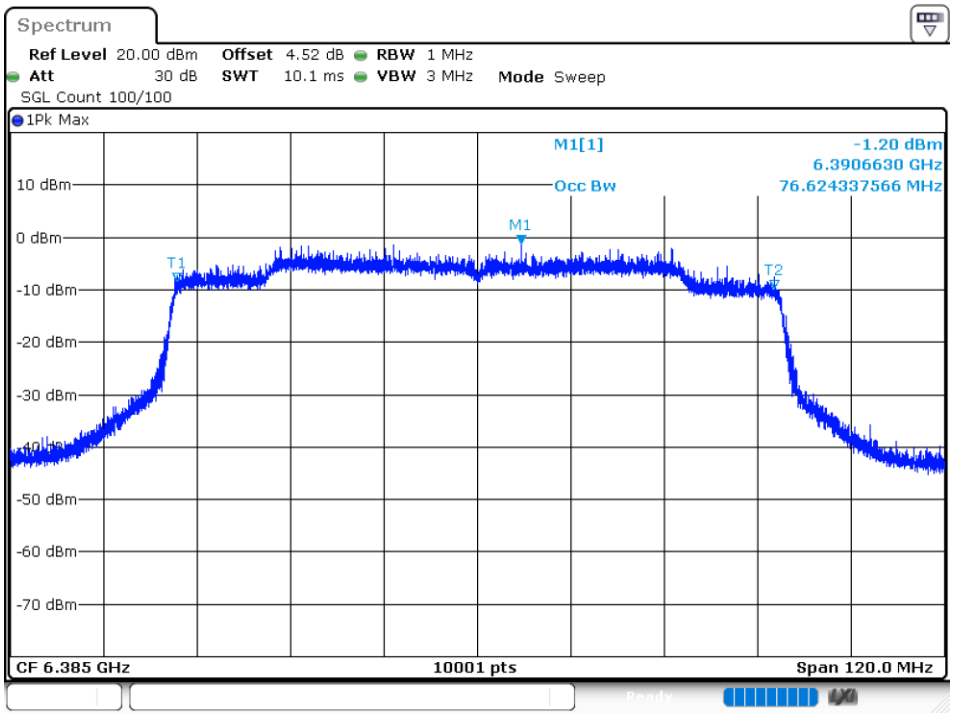
OBW NVNT ax80 6145MHz Ant1



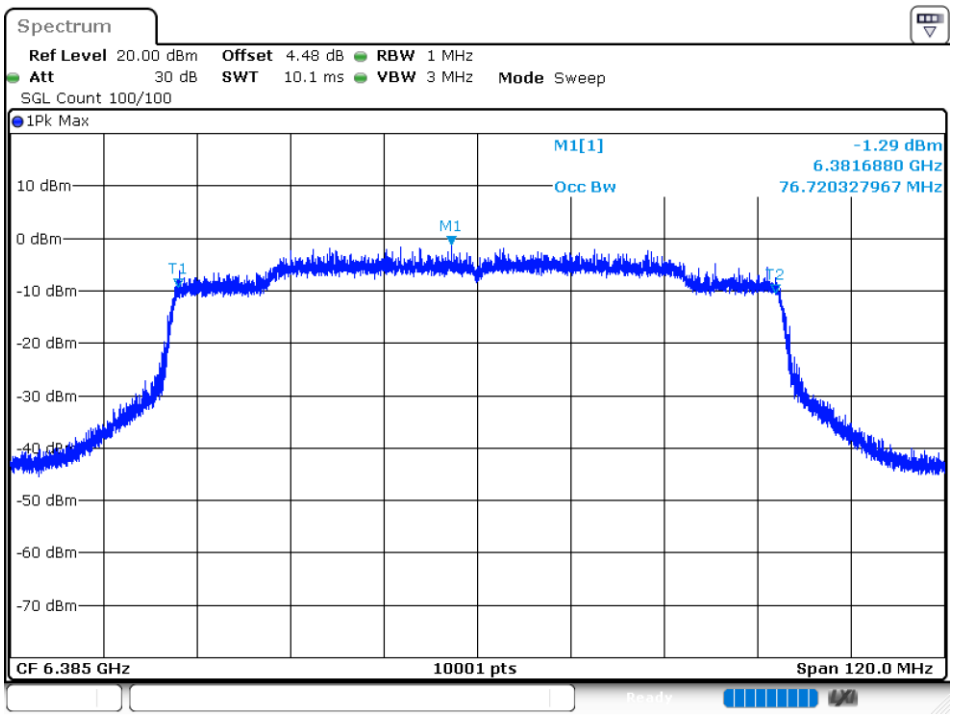
OBW NVNT ax80 6145MHz Ant2



OBW NVNT ax80 6385MHz Ant1



OBW NVNT ax80 6385MHz Ant2

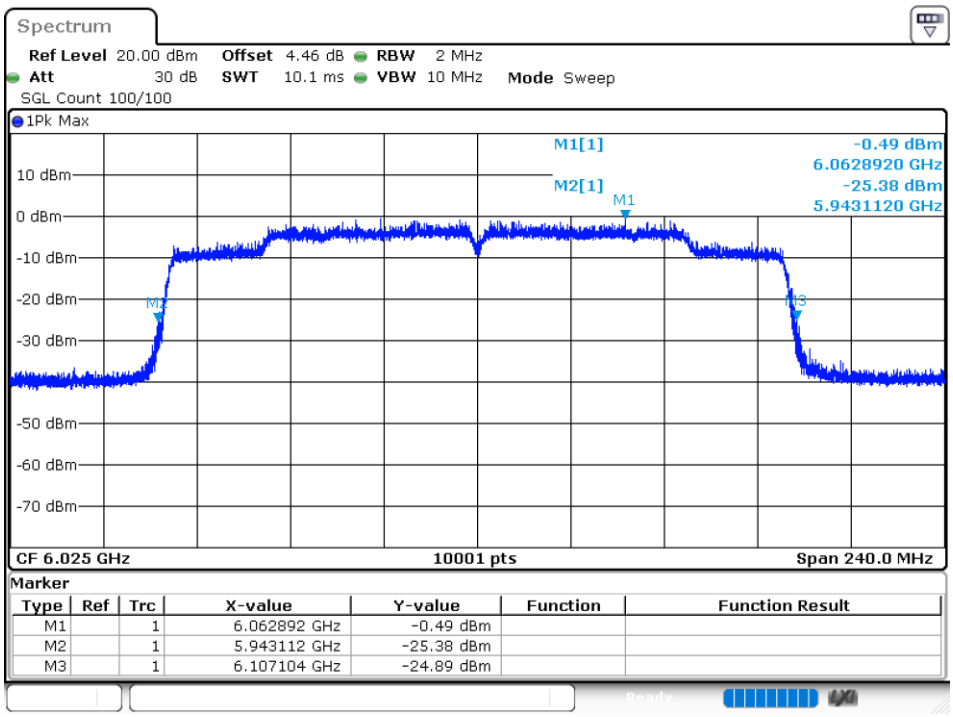


-26dB Bandwidth

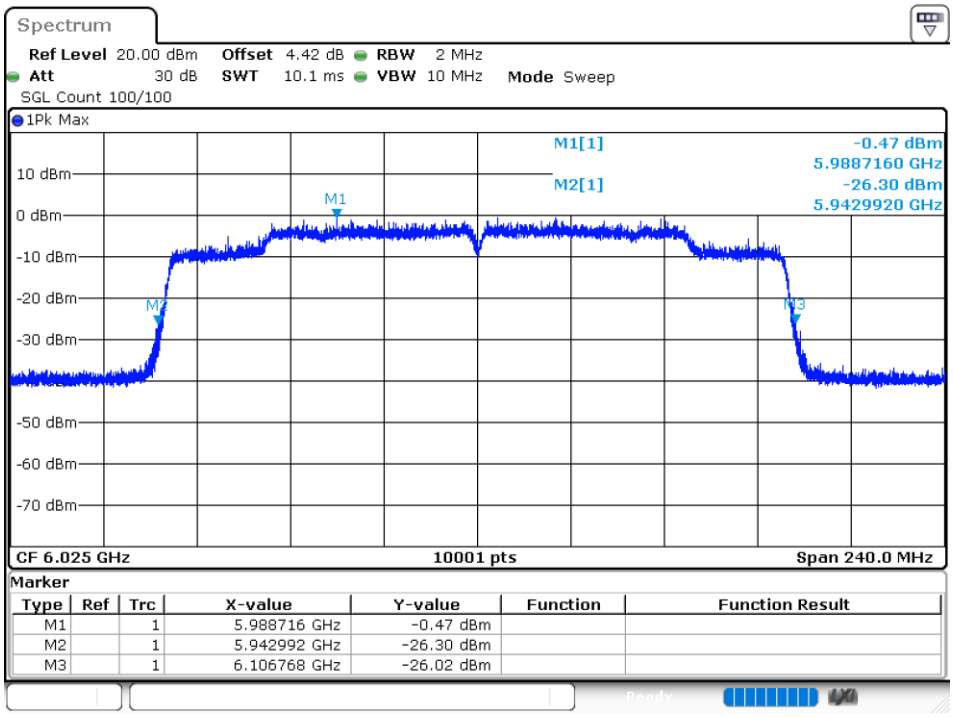
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6025	Ant1	163.992	Pass
NVNT	ax160	6025	Ant2	163.776	Pass
NVNT	ax160	6185	Ant1	164.568	Pass
NVNT	ax160	6185	Ant2	163.176	Pass
NVNT	ax160	6345	Ant1	163.488	Pass
NVNT	ax160	6345	Ant2	163.632	Pass
NVNT	ax20	5955	Ant1	25.092	Pass
NVNT	ax20	5955	Ant2	25.383	Pass
NVNT	ax20	6175	Ant1	24.402	Pass
NVNT	ax20	6175	Ant2	25.488	Pass
NVNT	ax20	6415	Ant1	24.597	Pass
NVNT	ax20	6415	Ant2	24.768	Pass
NVNT	ax40	5965	Ant1	45.186	Pass
NVNT	ax40	5965	Ant2	44.55	Pass
NVNT	ax40	6165	Ant1	44.994	Pass
NVNT	ax40	6165	Ant2	43.314	Pass
NVNT	ax40	6405	Ant1	45.012	Pass
NVNT	ax40	6405	Ant2	44.232	Pass
NVNT	ax80	5985	Ant1	85.344	Pass
NVNT	ax80	5985	Ant2	82.98	Pass
NVNT	ax80	6145	Ant1	83.316	Pass
NVNT	ax80	6145	Ant2	85.812	Pass
NVNT	ax80	6385	Ant1	83.22	Pass
NVNT	ax80	6385	Ant2	82.62	Pass

Test Graphs

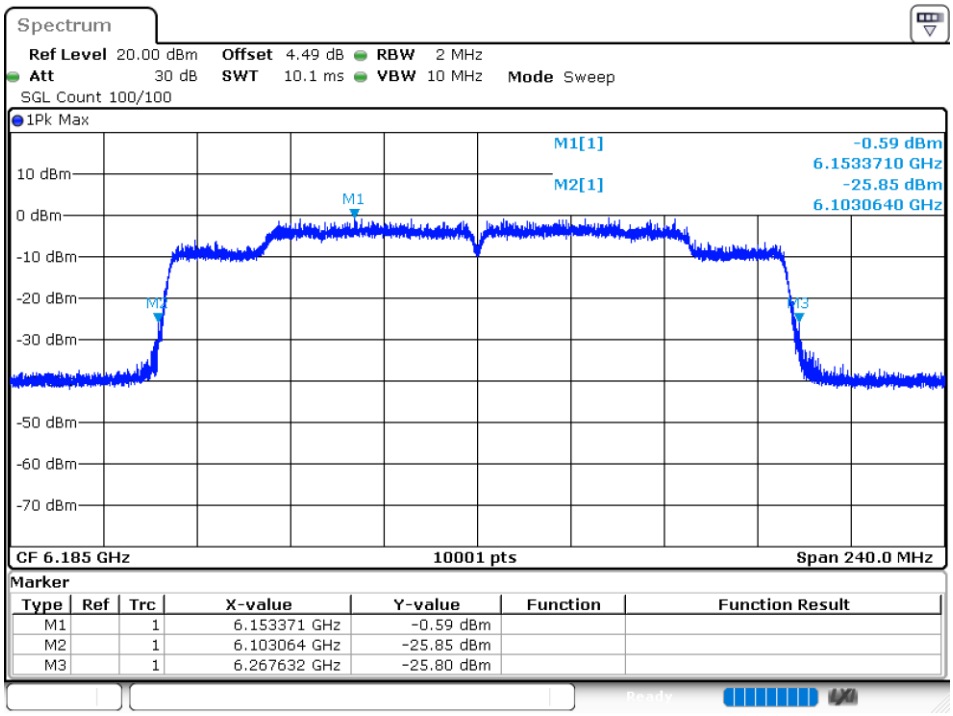
-26dB Bandwidth NVNT ax160 6025MHz Ant1



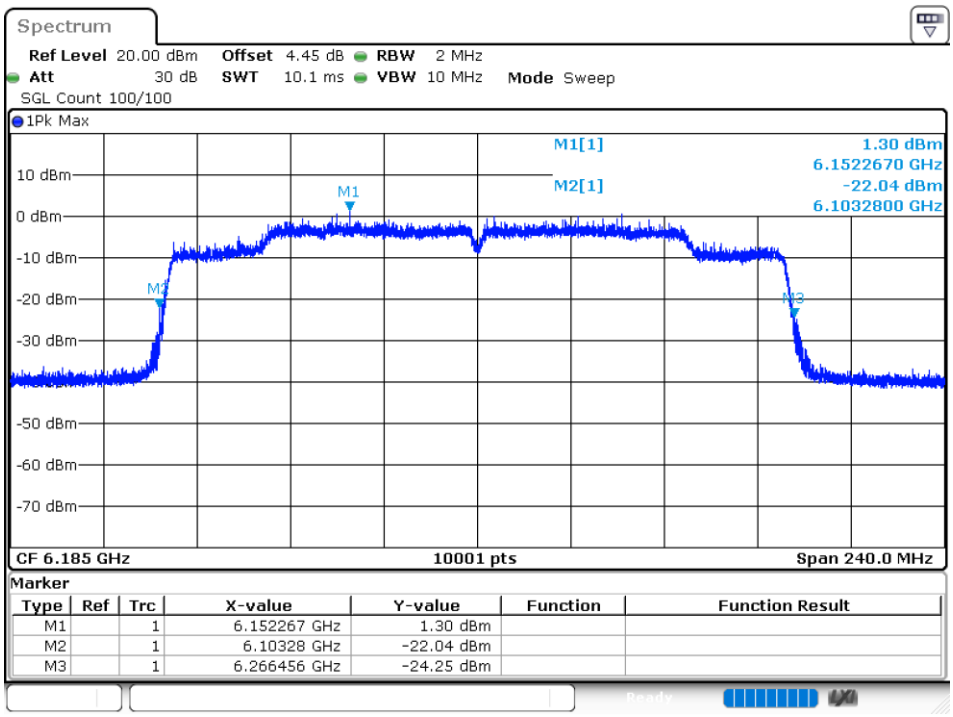
-26dB Bandwidth NVNT ax160 6025MHz Ant2



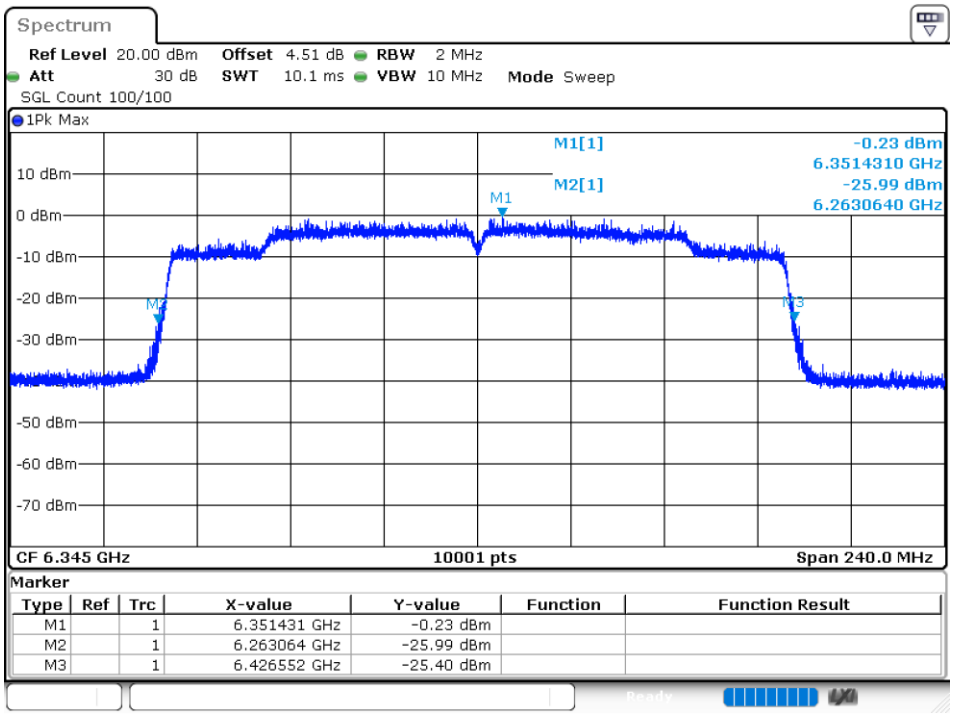
-26dB Bandwidth NVNT ax160 6185MHz Ant1



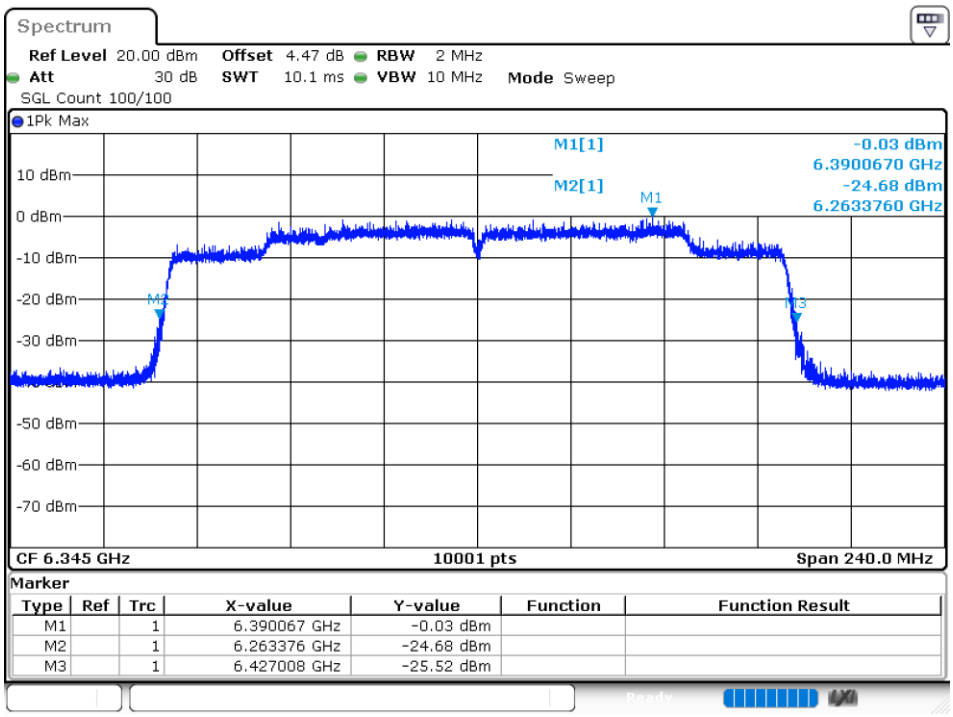
-26dB Bandwidth NVNT ax160 6185MHz Ant2



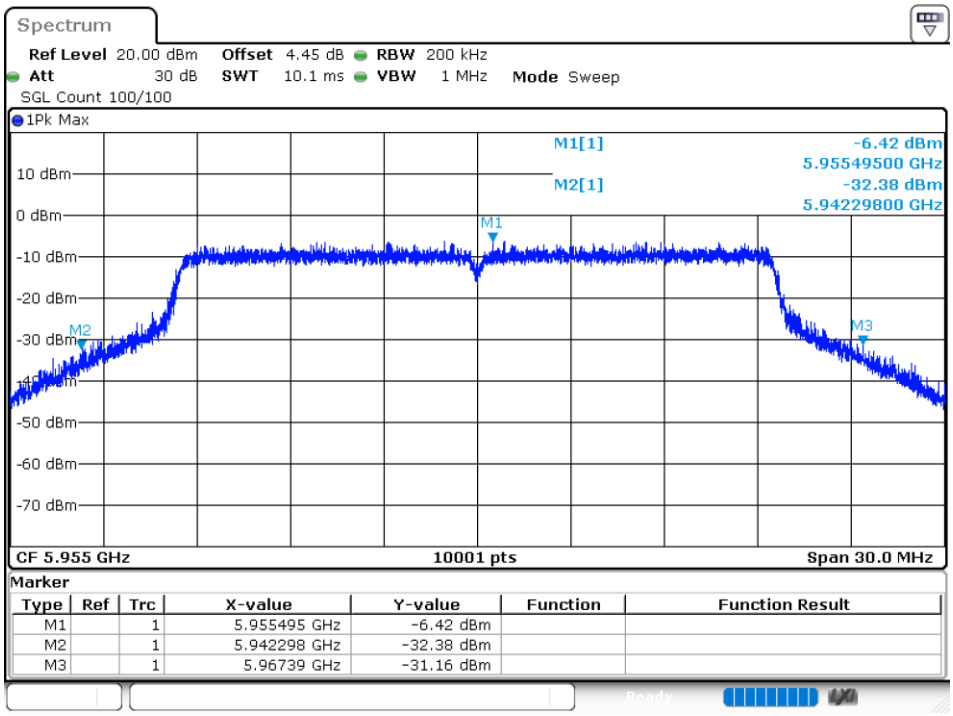
-26dB Bandwidth NVNT ax160 6345MHz Ant1



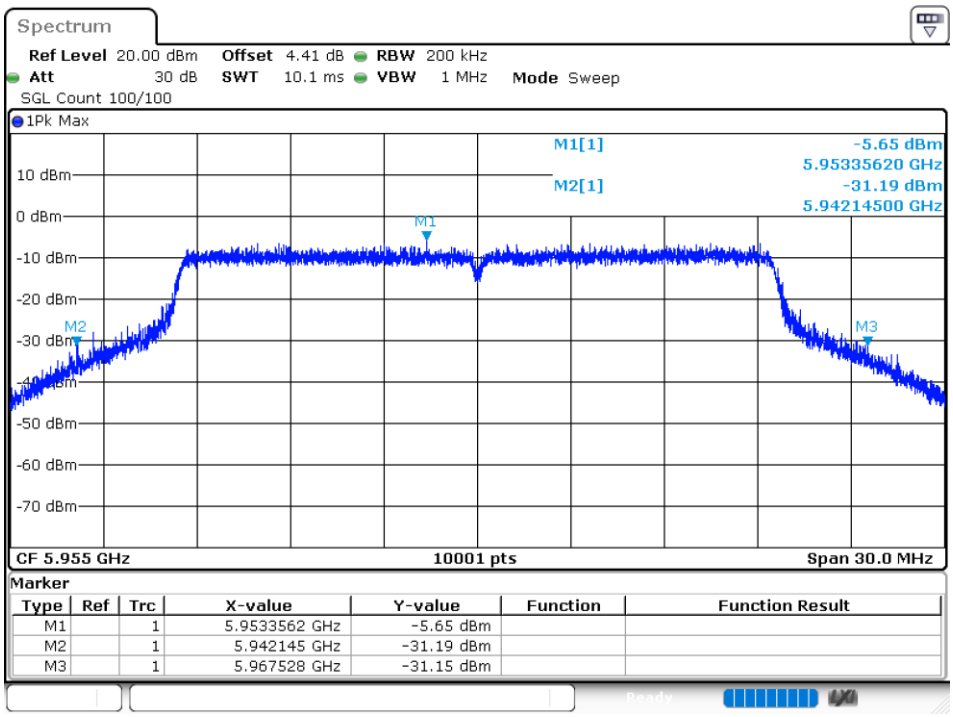
-26dB Bandwidth NVNT ax160 6345MHz Ant2



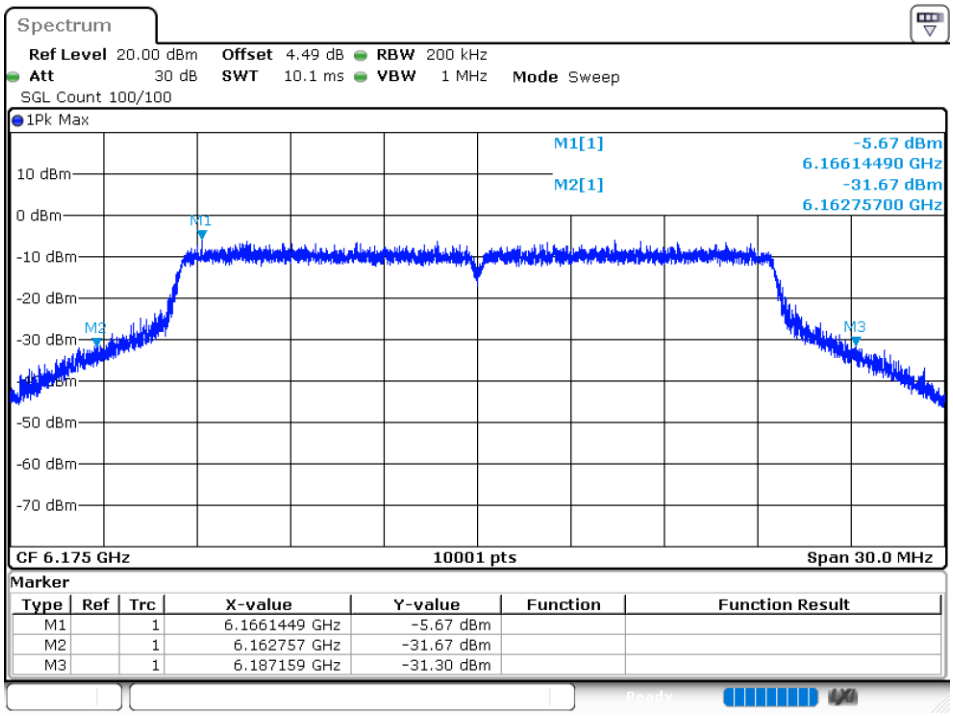
-26dB Bandwidth NVNT ax20 5955MHz Ant1



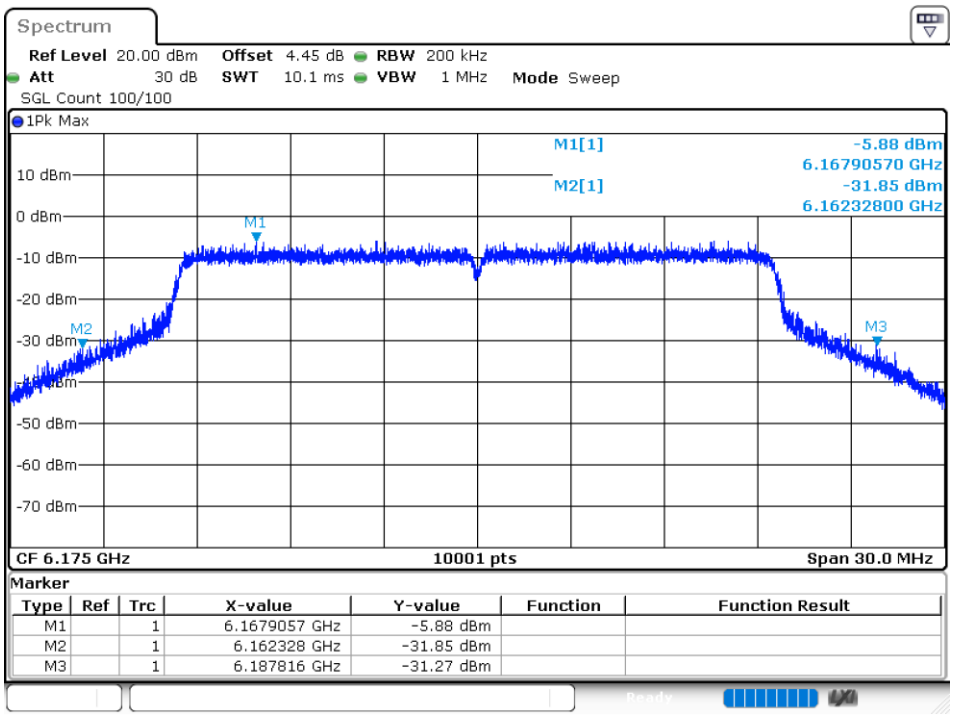
-26dB Bandwidth NVNT ax20 5955MHz Ant2



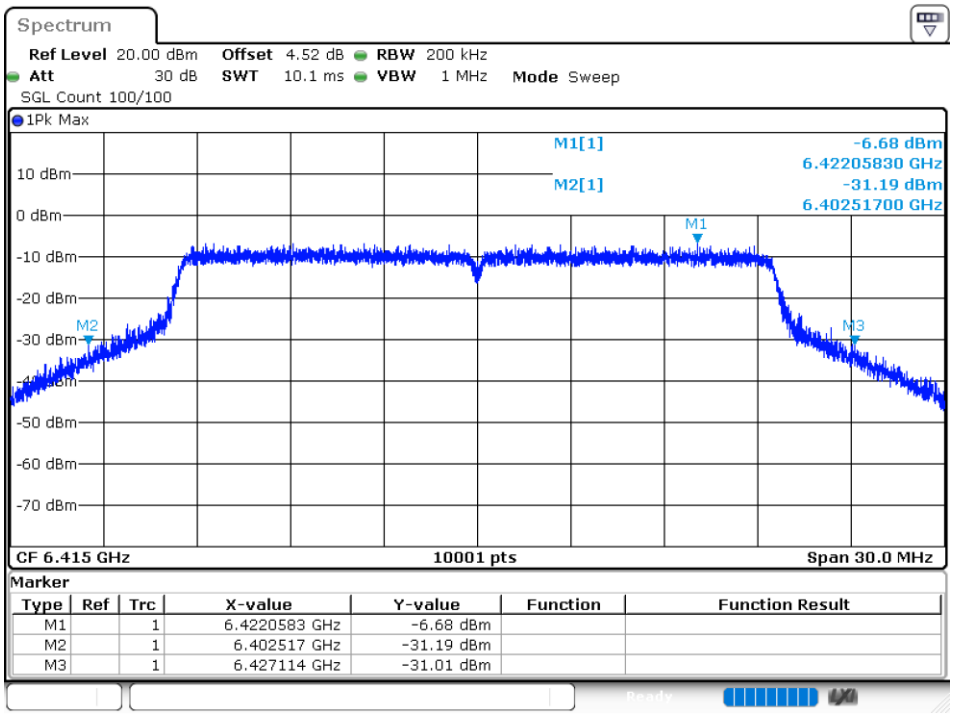
-26dB Bandwidth NVNT ax20 6175MHz Ant1



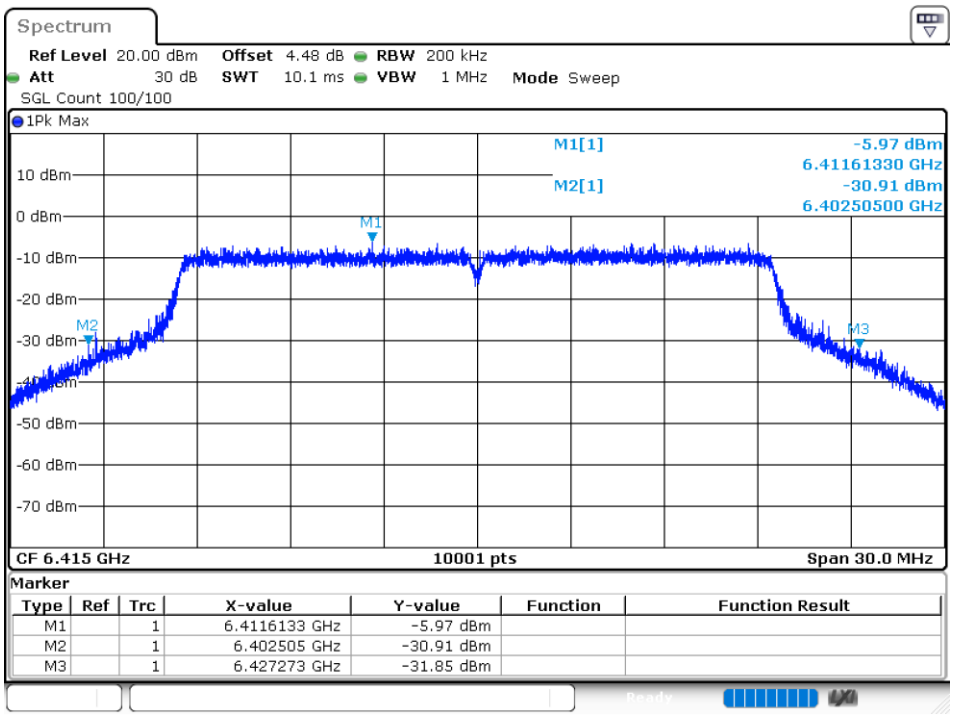
-26dB Bandwidth NVNT ax20 6175MHz Ant2



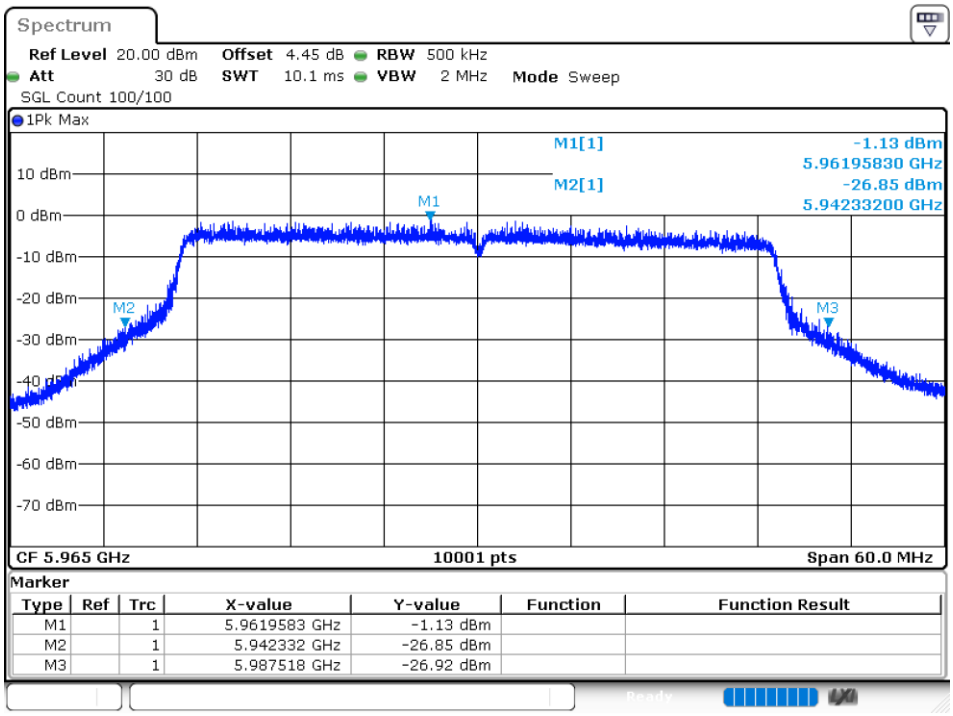
-26dB Bandwidth NVNT ax20 6415MHz Ant1



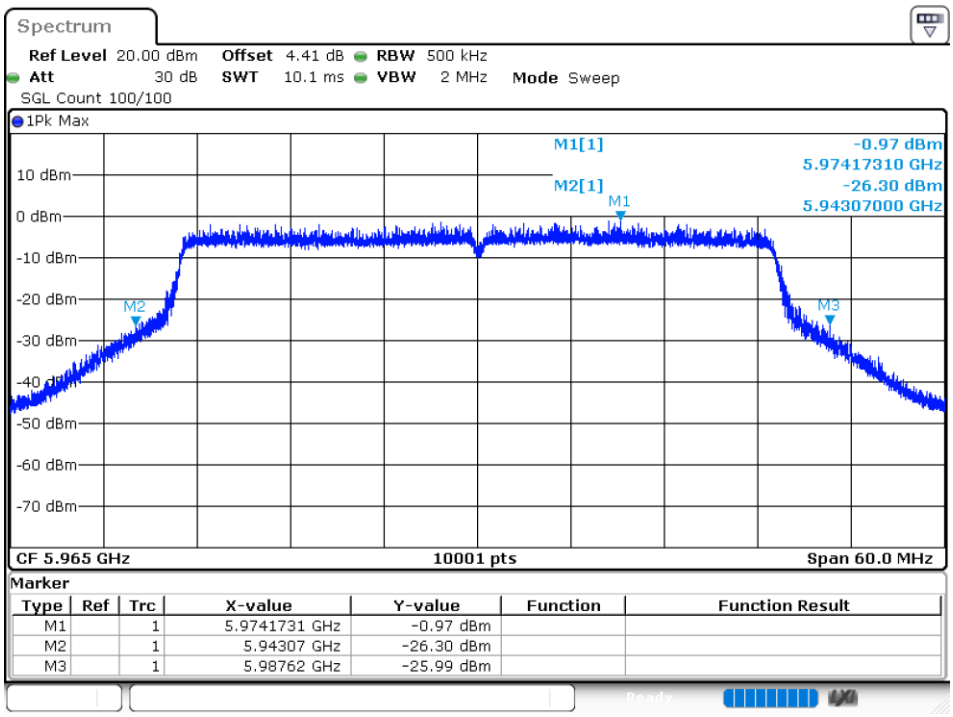
-26dB Bandwidth NVNT ax20 6415MHz Ant2



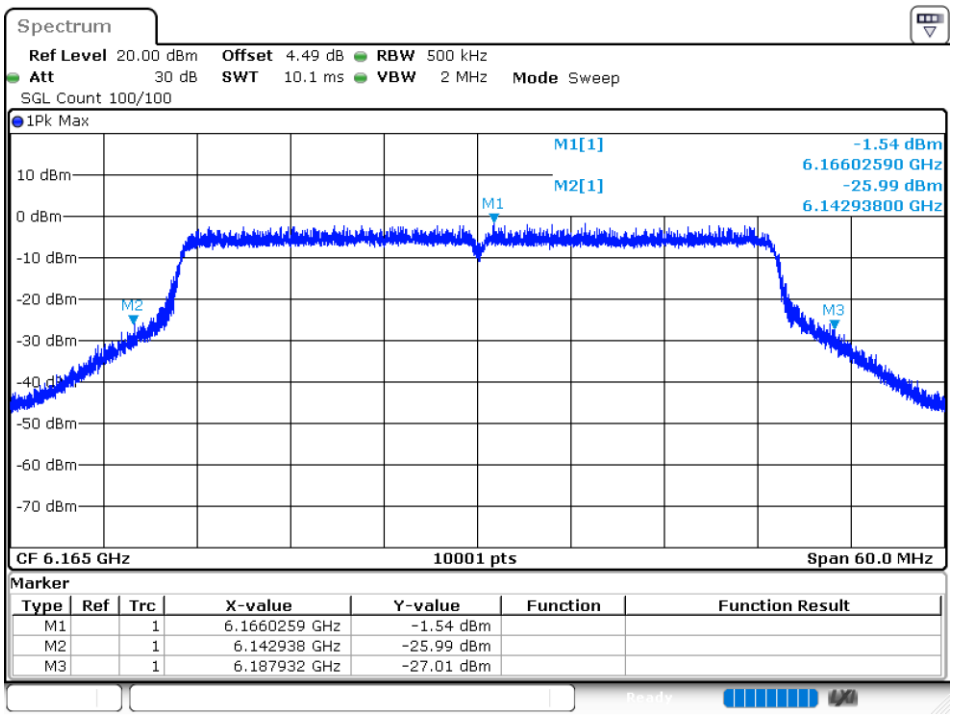
-26dB Bandwidth NVNT ax40 5965MHz Ant1



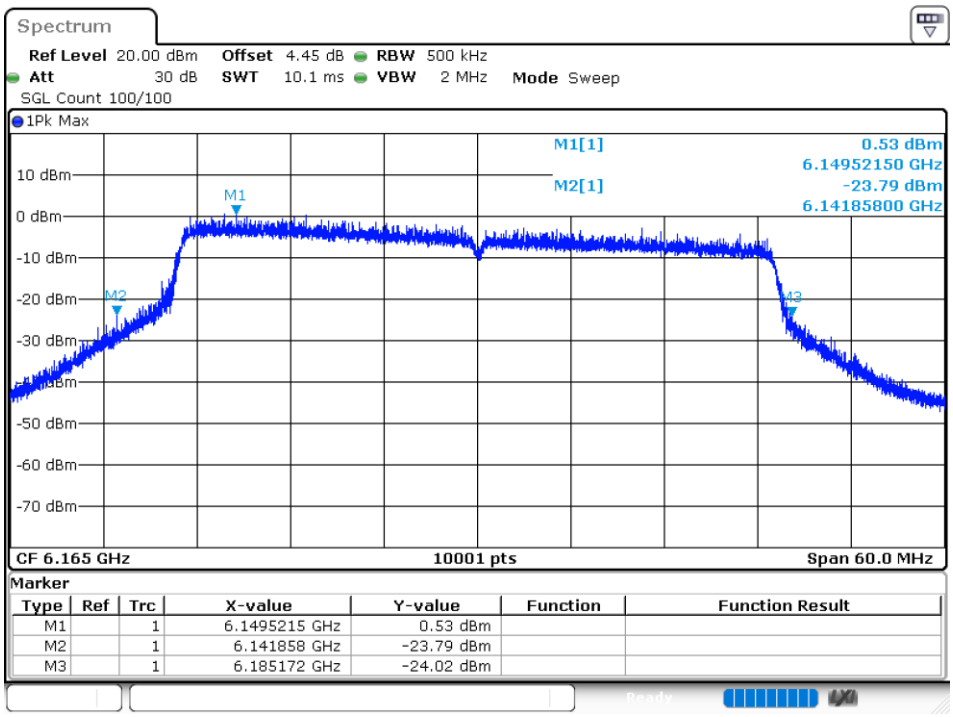
-26dB Bandwidth NVNT ax40 5965MHz Ant2



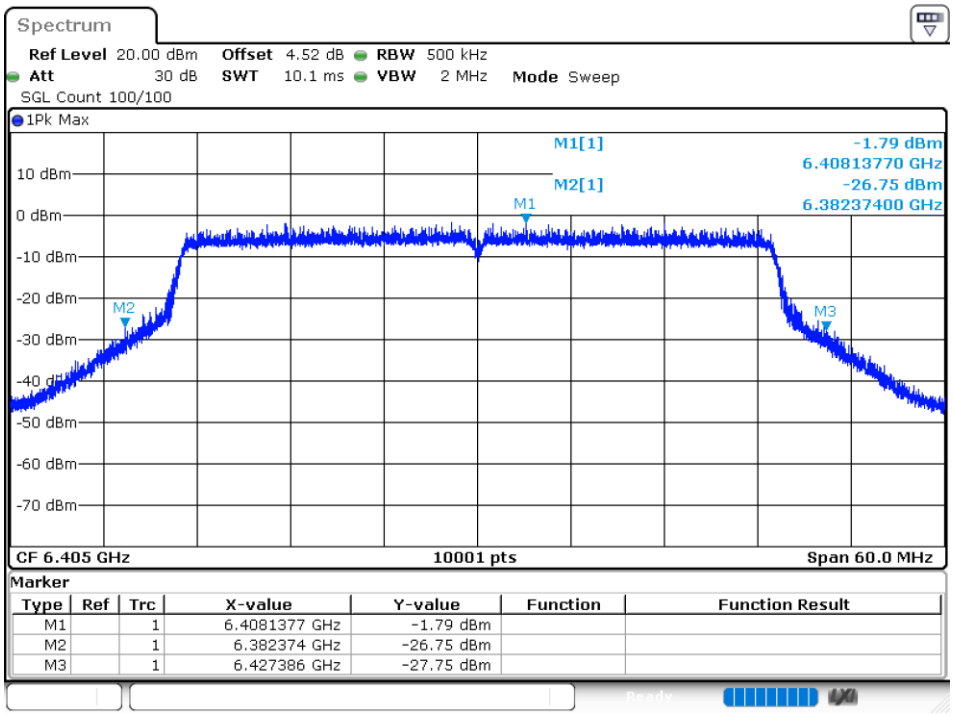
-26dB Bandwidth NVNT ax40 6165MHz Ant1



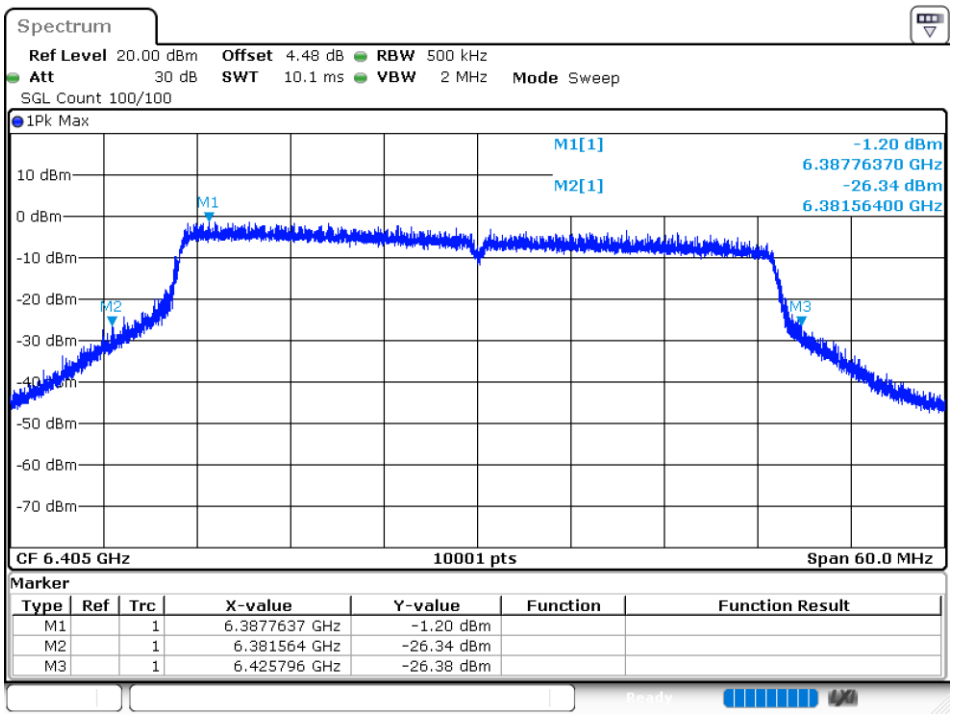
-26dB Bandwidth NVNT ax40 6165MHz Ant2



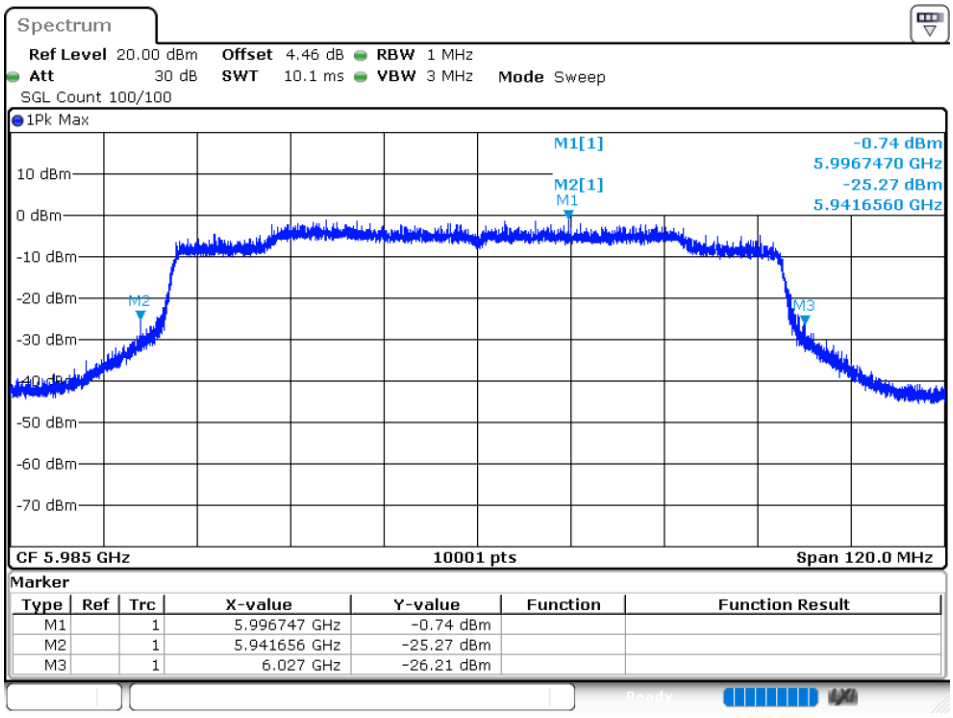
-26dB Bandwidth NVNT ax40 6405MHz Ant1



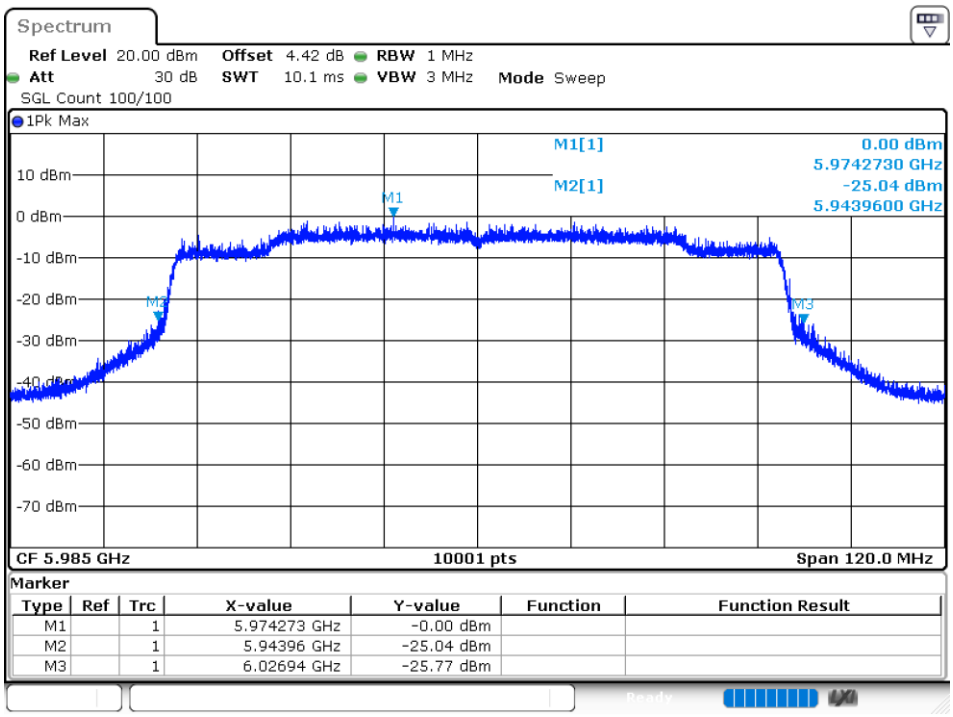
-26dB Bandwidth NVNT ax40 6405MHz Ant2



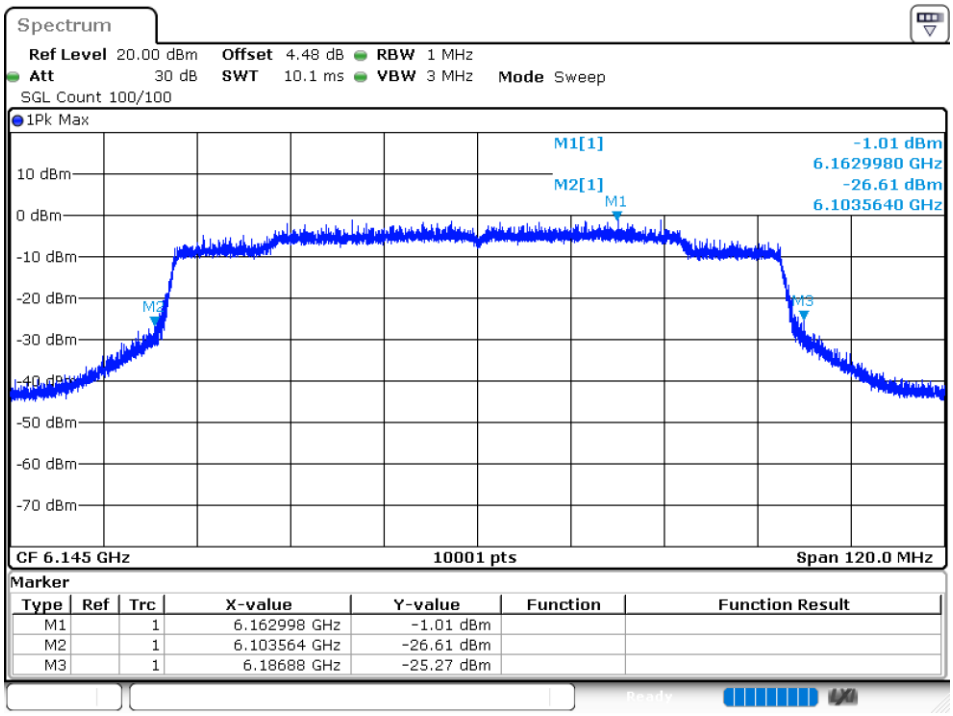
-26dB Bandwidth NVNT ax80 5985MHz Ant1



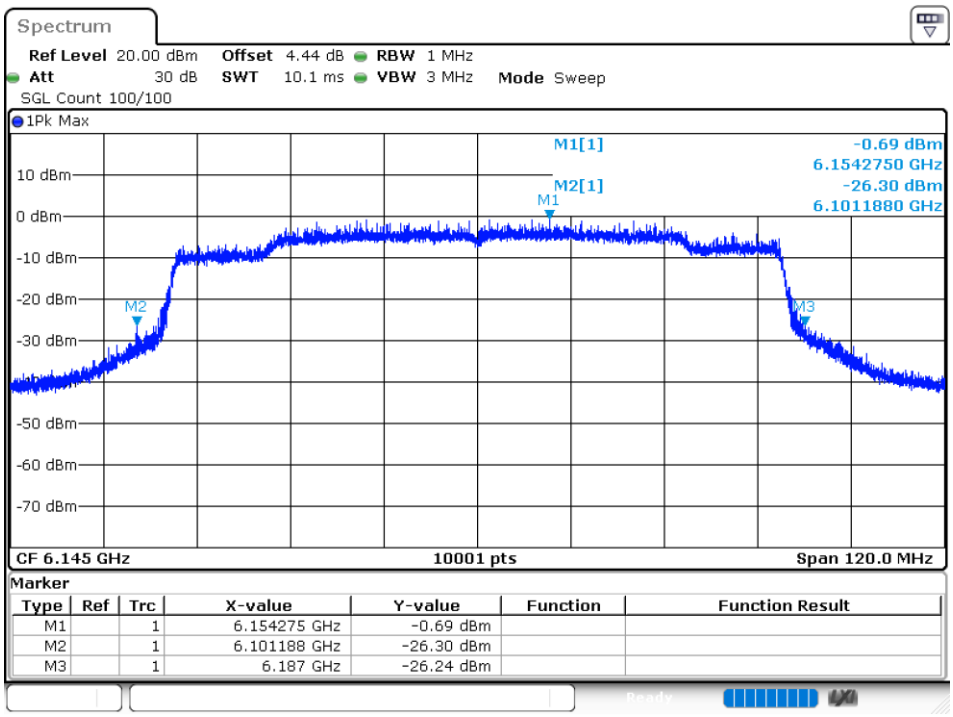
-26dB Bandwidth NVNT ax80 5985MHz Ant2



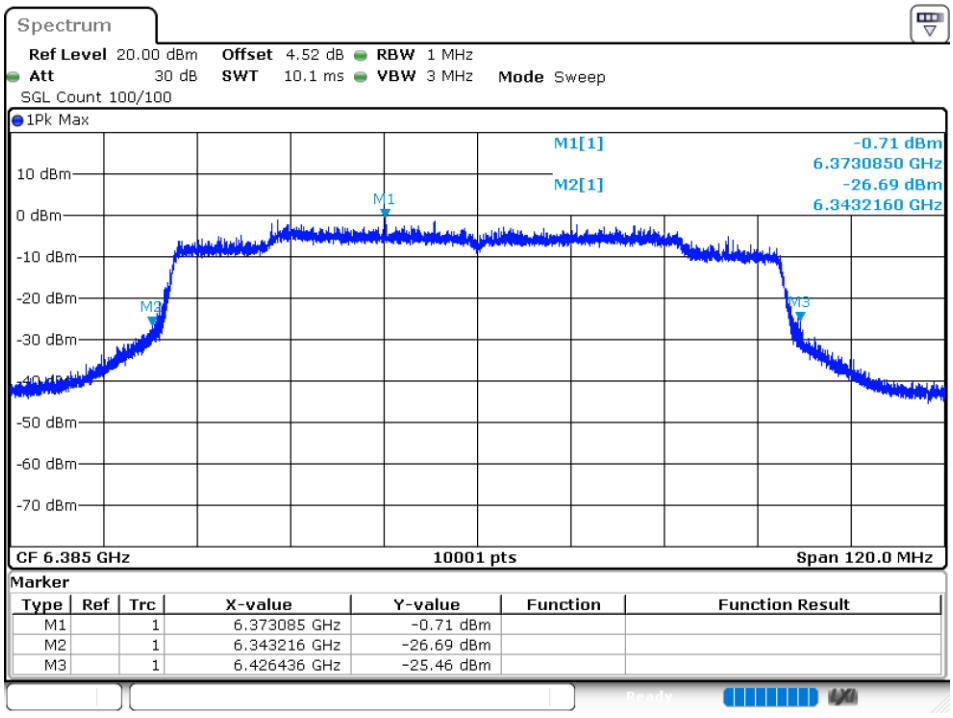
-26dB Bandwidth NVNT ax80 6145MHz Ant1



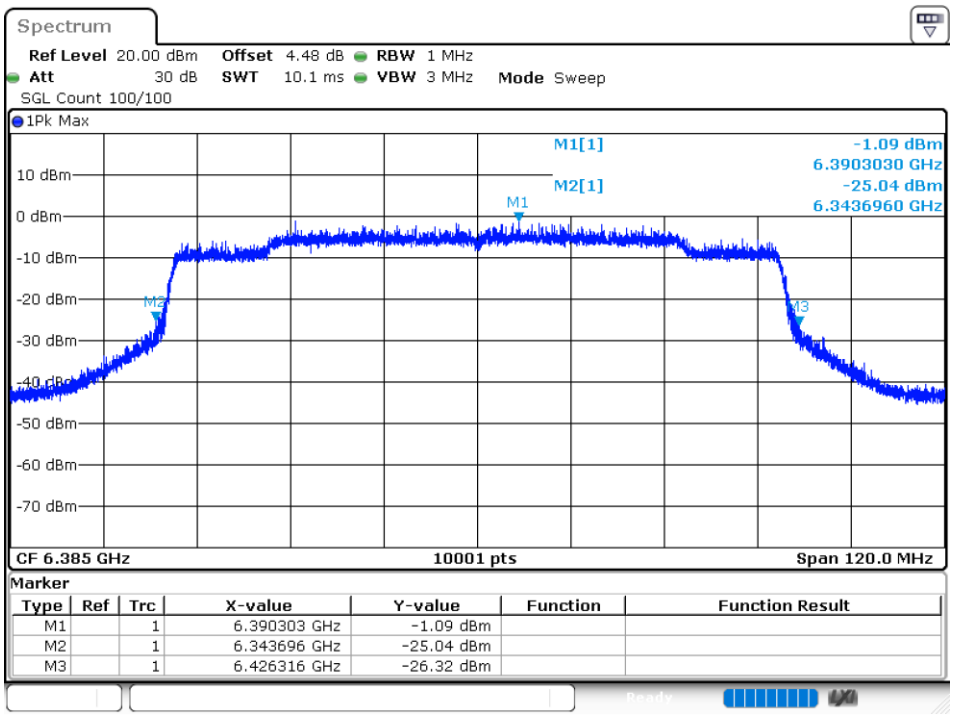
-26dB Bandwidth NVNT ax80 6145MHz Ant2



-26dB Bandwidth NVNT ax80 6385MHz Ant1



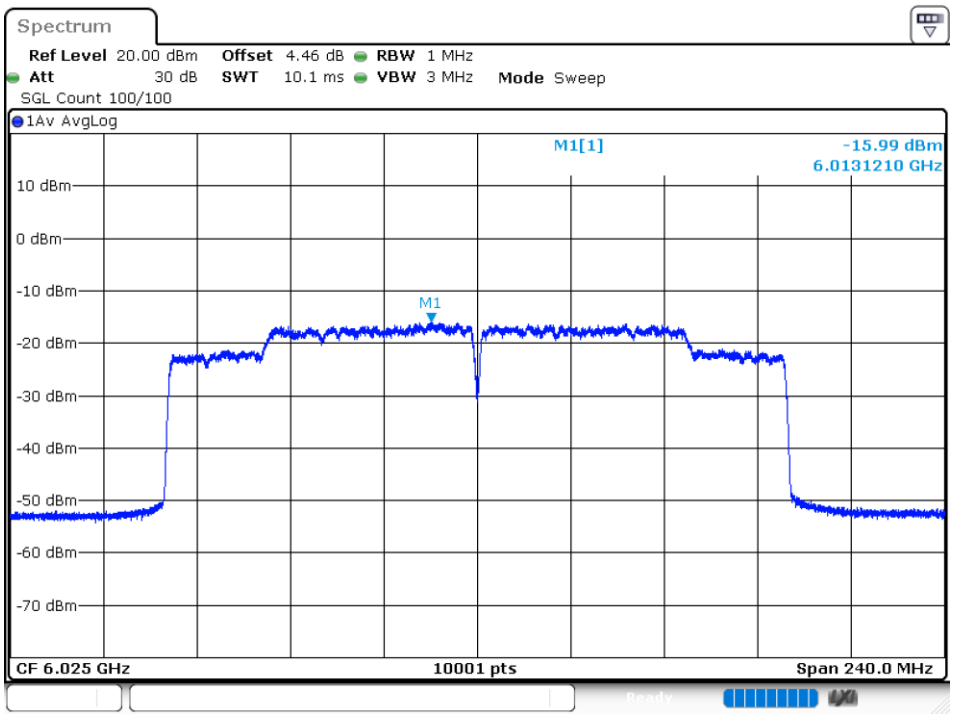
-26dB Bandwidth NVNT ax80 6385MHz Ant2



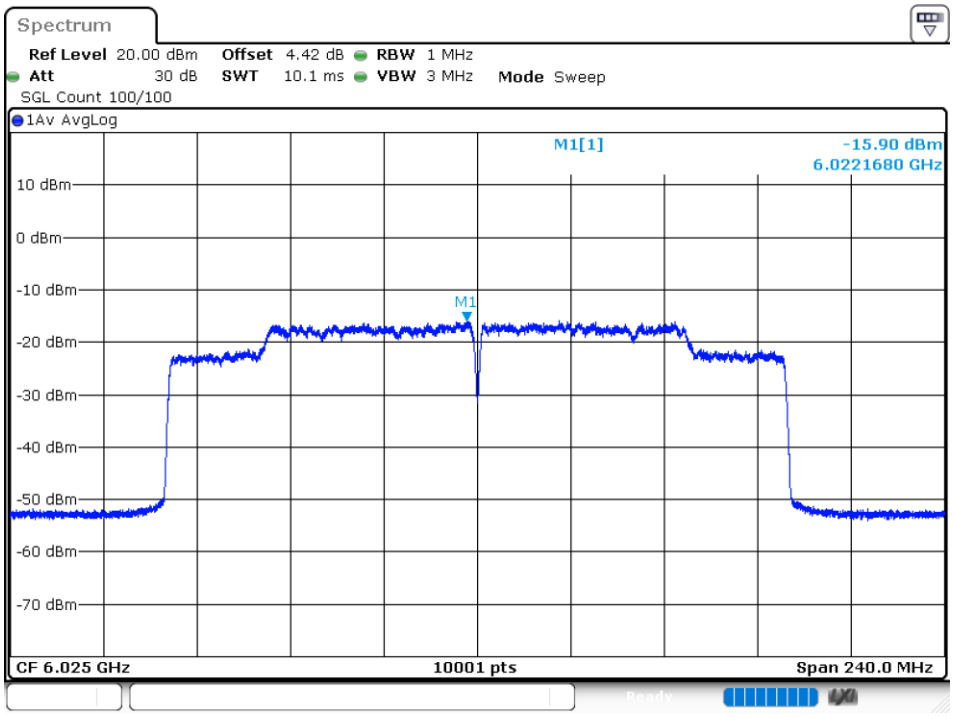
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	-15.99	0	-15.99	4.9	-11.09	-1	Pass
NVNT	ax160	6025	Ant2	-15.9	0	-15.9	4.81	-11.09	-1	Pass
NVNT	ax160	6025	Sum					-8.08	-1	Pass
NVNT	ax160	6185	Ant1	-15.84	0	-15.84	4.9	-10.94	-1	Pass
NVNT	ax160	6185	Ant2	-15.55	0	-15.55	4.81	-10.74	-1	Pass
NVNT	ax160	6185	Sum					-7.83	-1	Pass
NVNT	ax160	6345	Ant1	-15.97	0	-15.97	4.9	-11.07	-1	Pass
NVNT	ax160	6345	Ant2	-15.91	0	-15.91	4.81	-11.1	-1	Pass
NVNT	ax160	6345	Sum					-8.07	-1	Pass
NVNT	ax20	5955	Ant1	-9.49	0.13	-9.36	4.9	-4.46	-1	Pass
NVNT	ax20	5955	Ant2	-9.74	0.13	-9.61	4.81	-4.8	-1	Pass
NVNT	ax20	5955	Sum					-1.62	-1	Pass
NVNT	ax20	6175	Ant1	-9.93	0	-9.93	4.9	-5.03	-1	Pass
NVNT	ax20	6175	Ant2	-9.24	0	-9.24	4.81	-4.43	-1	Pass
NVNT	ax20	6175	Sum					-1.71	-1	Pass
NVNT	ax20	6415	Ant1	-10.08	0	-10.08	4.9	-5.18	-1	Pass
NVNT	ax20	6415	Ant2	-9.93	0	-9.93	4.81	-5.12	-1	Pass
NVNT	ax20	6415	Sum					-2.14	-1	Pass
NVNT	ax40	5965	Ant1	-10.05	0	-10.05	4.9	-5.15	-1	Pass
NVNT	ax40	5965	Ant2	-10.26	0	-10.26	4.81	-5.45	-1	Pass
NVNT	ax40	5965	Sum					-2.29	-1	Pass
NVNT	ax40	6165	Ant1	-10.62	0	-10.62	4.9	-5.72	-1	Pass
NVNT	ax40	6165	Ant2	-8.44	0	-8.44	4.81	-3.63	-1	Pass
NVNT	ax40	6165	Sum					-1.54	-1	Pass
NVNT	ax40	6405	Ant1	-10.7	0	-10.7	4.9	-5.8	-1	Pass
NVNT	ax40	6405	Ant2	-9.29	0	-9.29	4.81	-4.48	-1	Pass
NVNT	ax40	6405	Sum					-2.08	-1	Pass
NVNT	ax80	5985	Ant1	-13.3	0	-13.3	4.9	-8.4	-1	Pass
NVNT	ax80	5985	Ant2	-13.03	0	-13.03	4.81	-8.22	-1	Pass
NVNT	ax80	5985	Sum					-5.3	-1	Pass
NVNT	ax80	6145	Ant1	-13.25	0	-13.25	4.9	-8.35	-1	Pass
NVNT	ax80	6145	Ant2	-12.87	0	-12.87	4.81	-8.06	-1	Pass
NVNT	ax80	6145	Sum					-5.19	-1	Pass
NVNT	ax80	6385	Ant1	-13.67	0	-13.67	4.9	-8.77	-1	Pass
NVNT	ax80	6385	Ant2	-13.55	0	-13.55	4.81	-8.74	-1	Pass
NVNT	ax80	6385	Sum					-5.74	-1	Pass

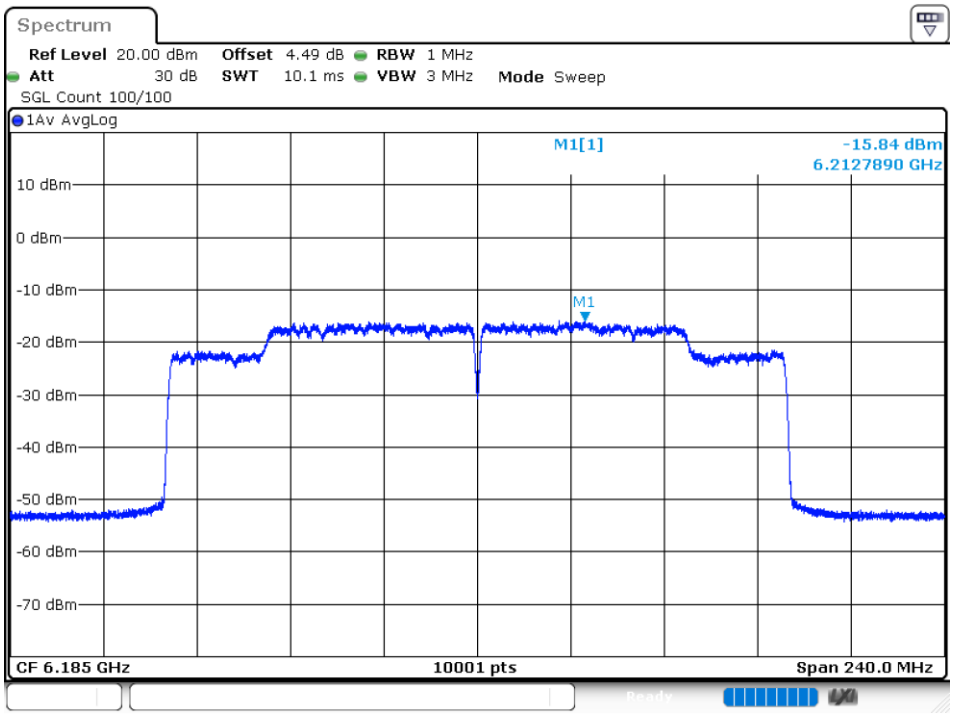
Test Graphs
PSD NVNT ax160 6025MHz Ant1



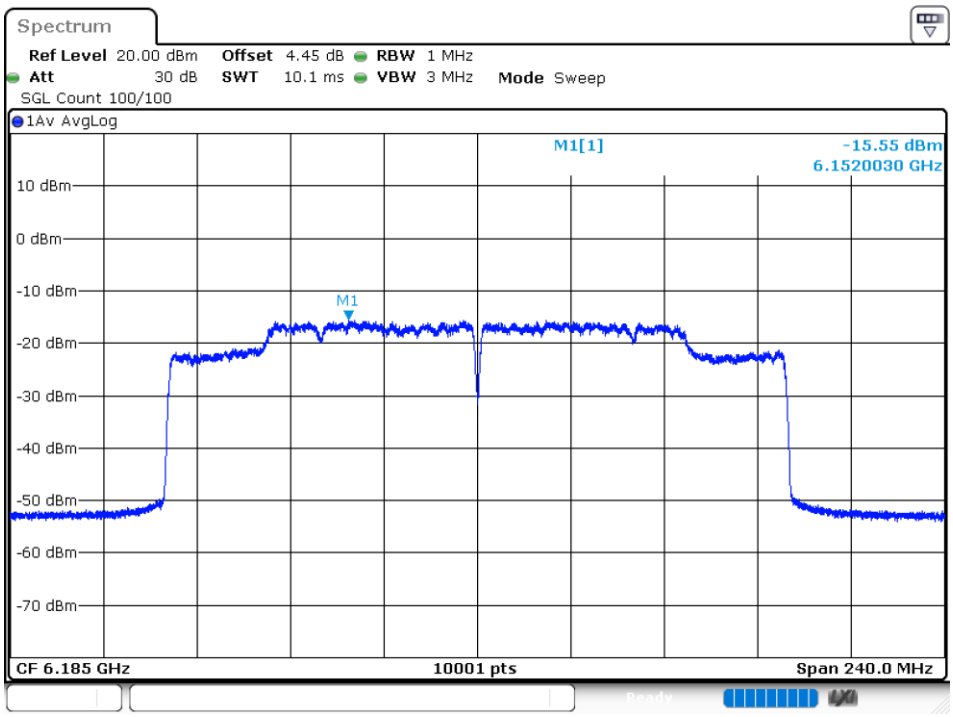
PSD NVNT ax160 6025MHz Ant2



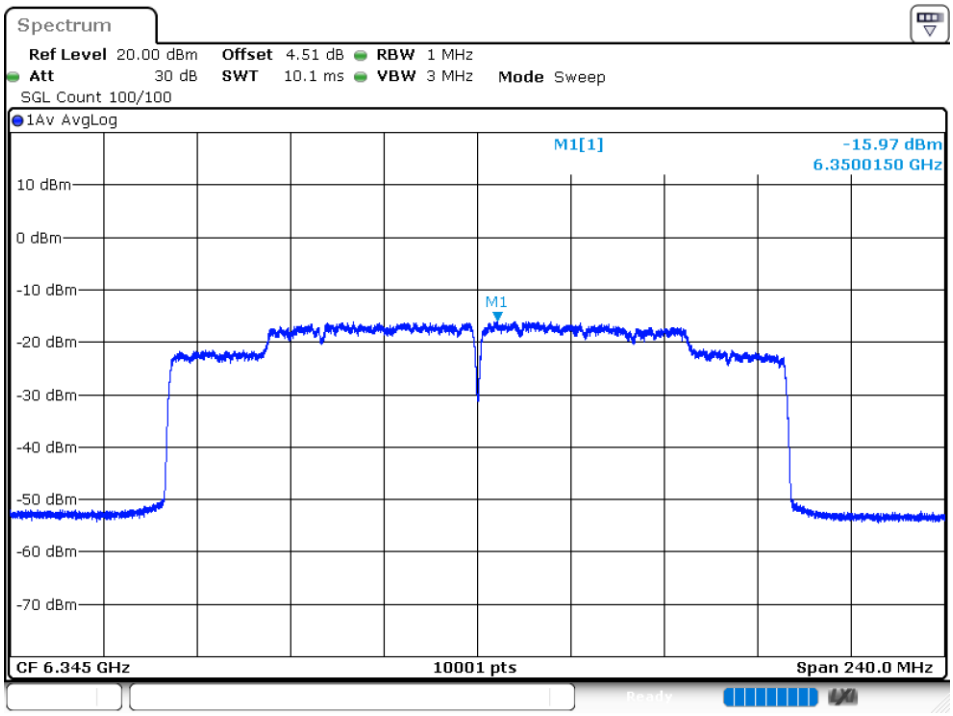
PSD NVNT ax160 6185MHz Ant1



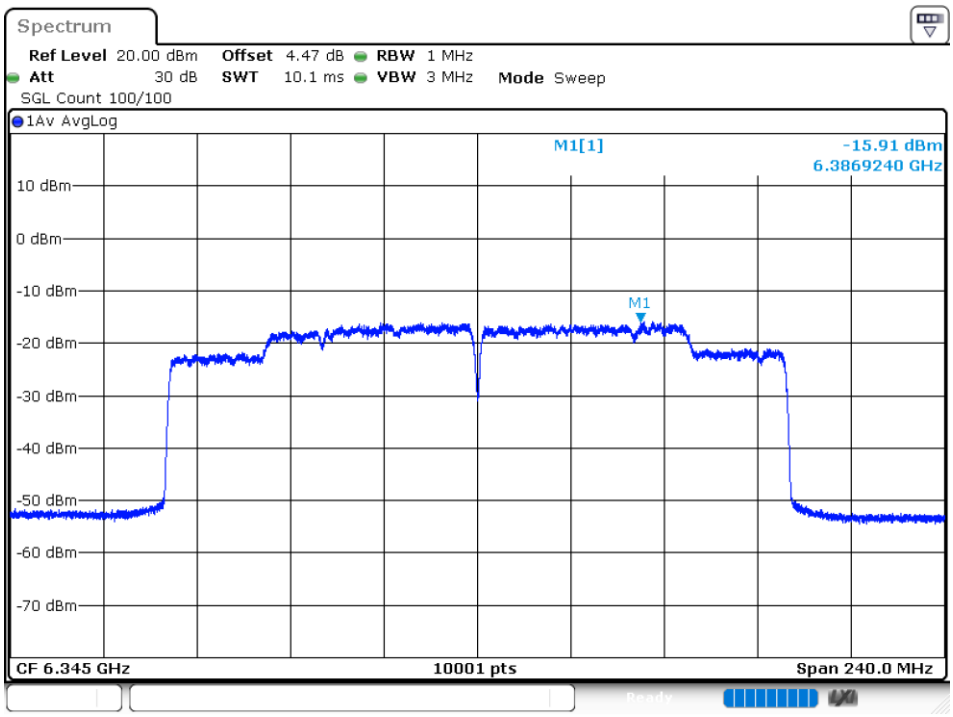
PSD NVNT ax160 6185MHz Ant2



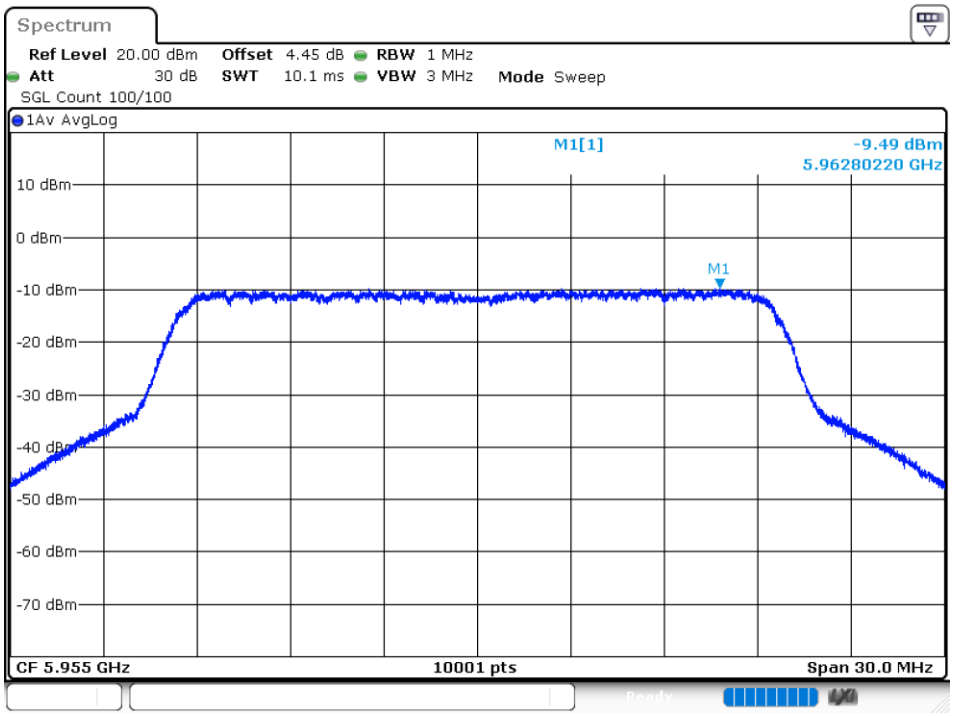
PSD NVNT ax160 6345MHz Ant1



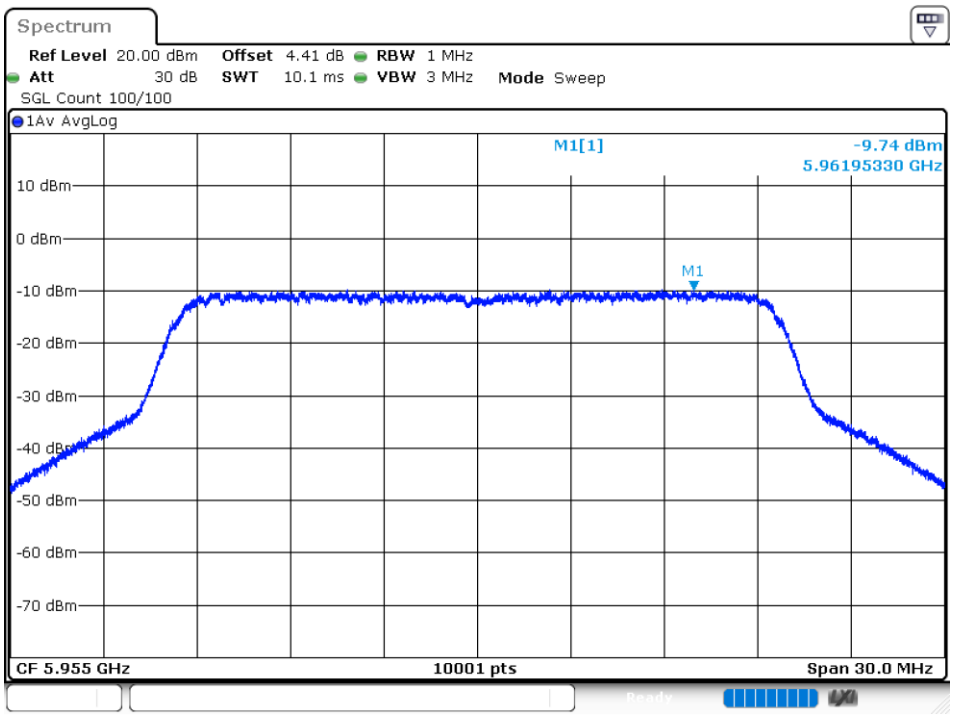
PSD NVNT ax160 6345MHz Ant2



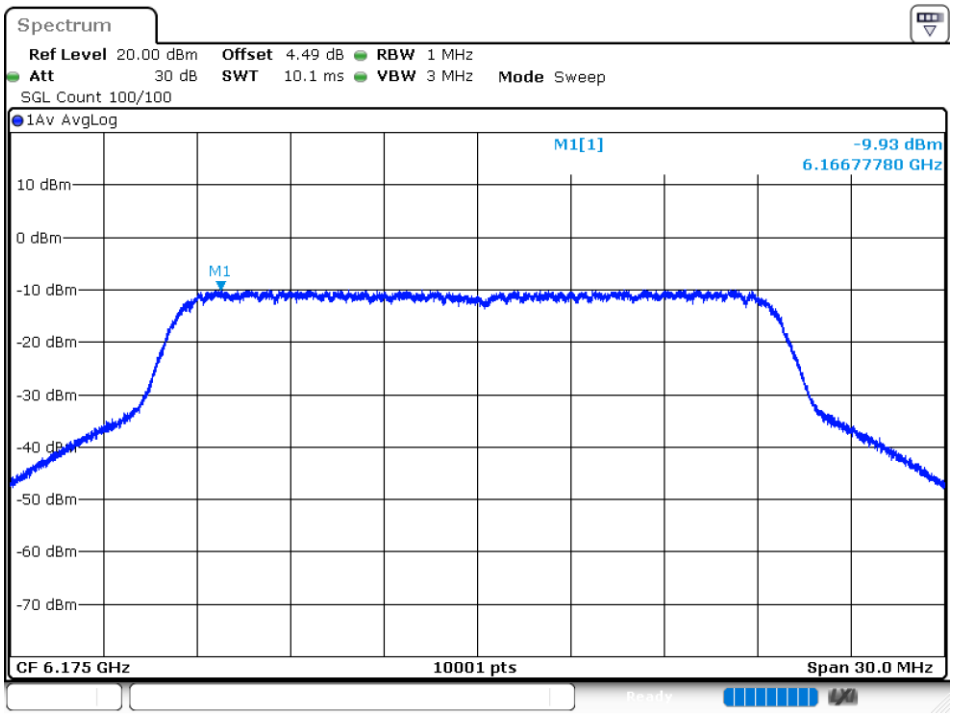
PSD NVNT ax20 5955MHz Ant1



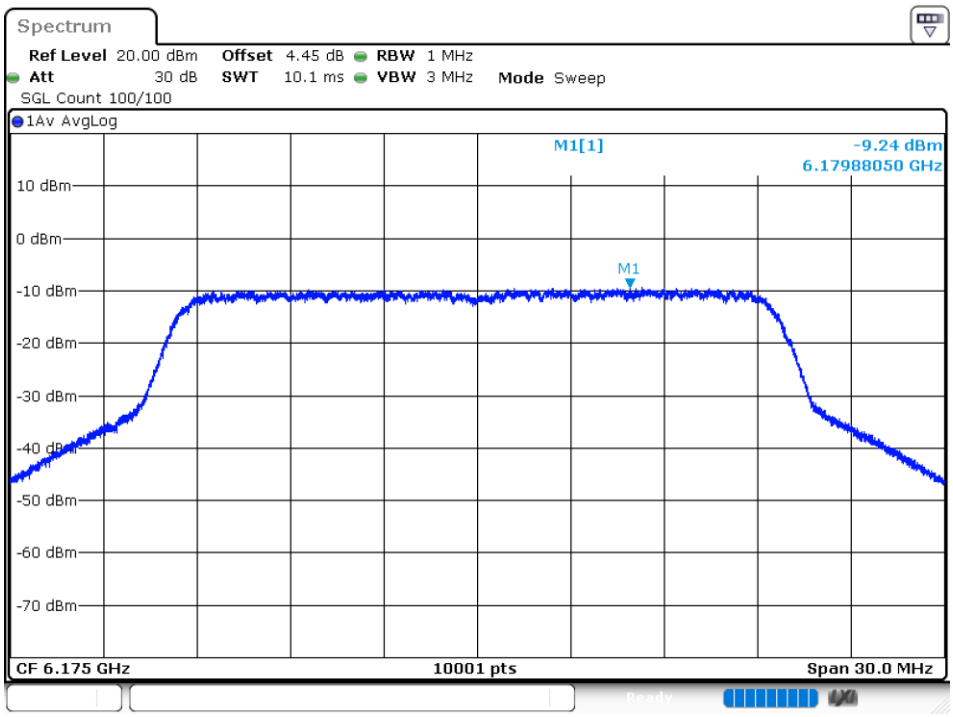
PSD NVNT ax20 5955MHz Ant2



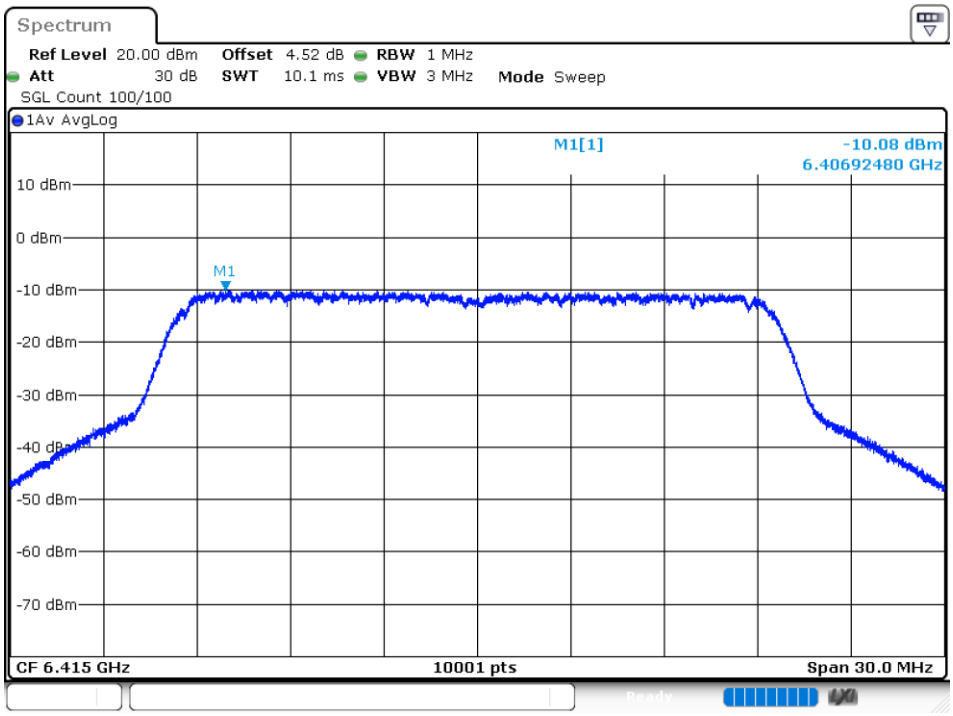
PSD NVNT ax20 6175MHz Ant1



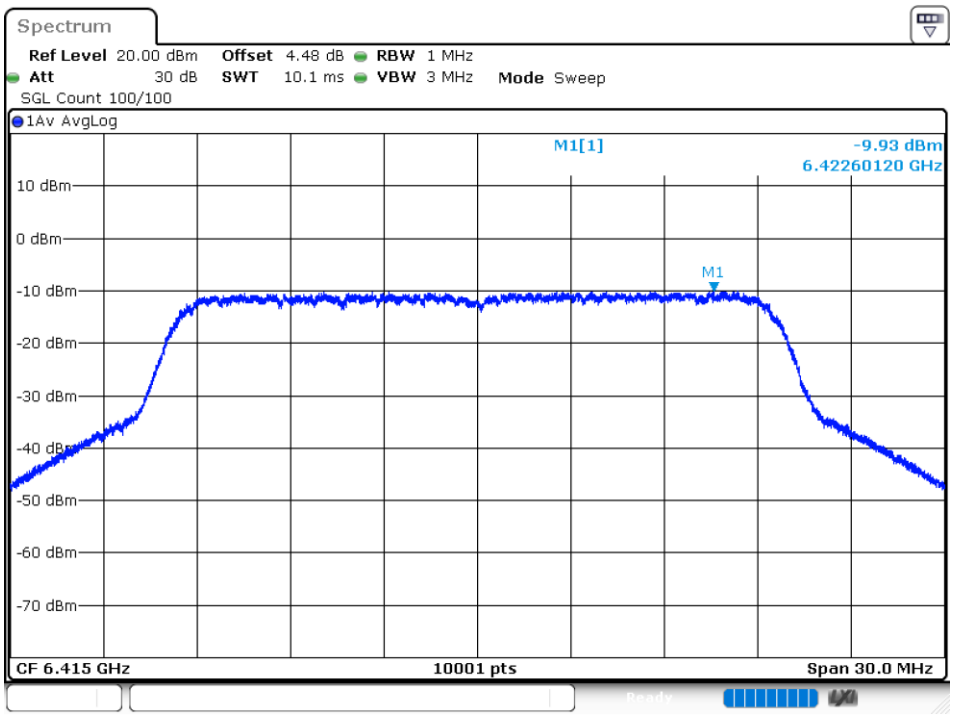
PSD NVNT ax20 6175MHz Ant2



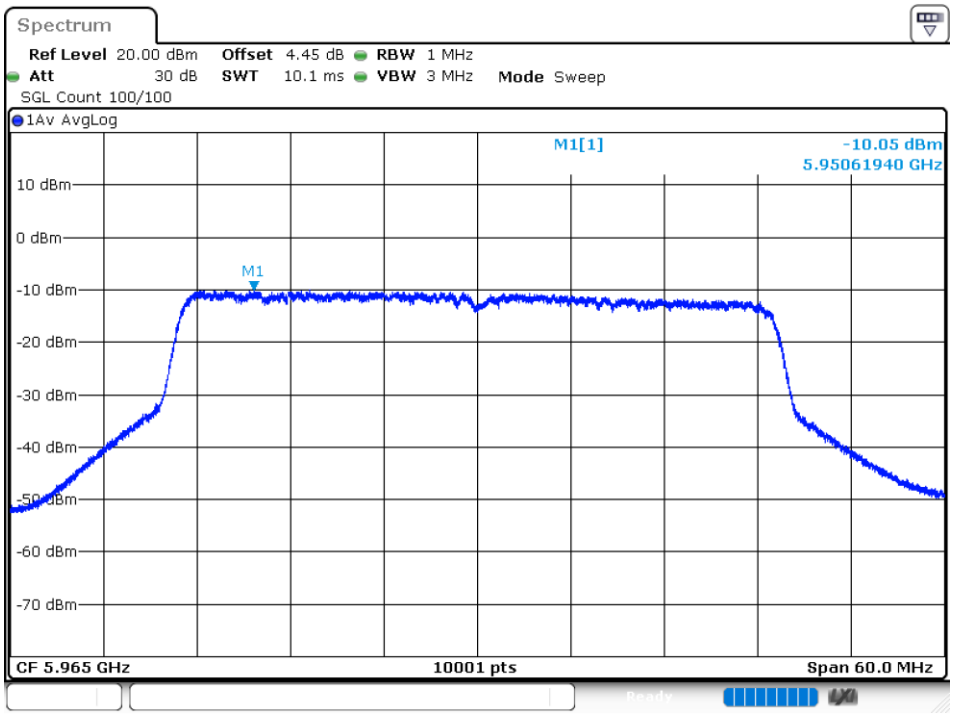
PSD NVNT ax20 6415MHz Ant1



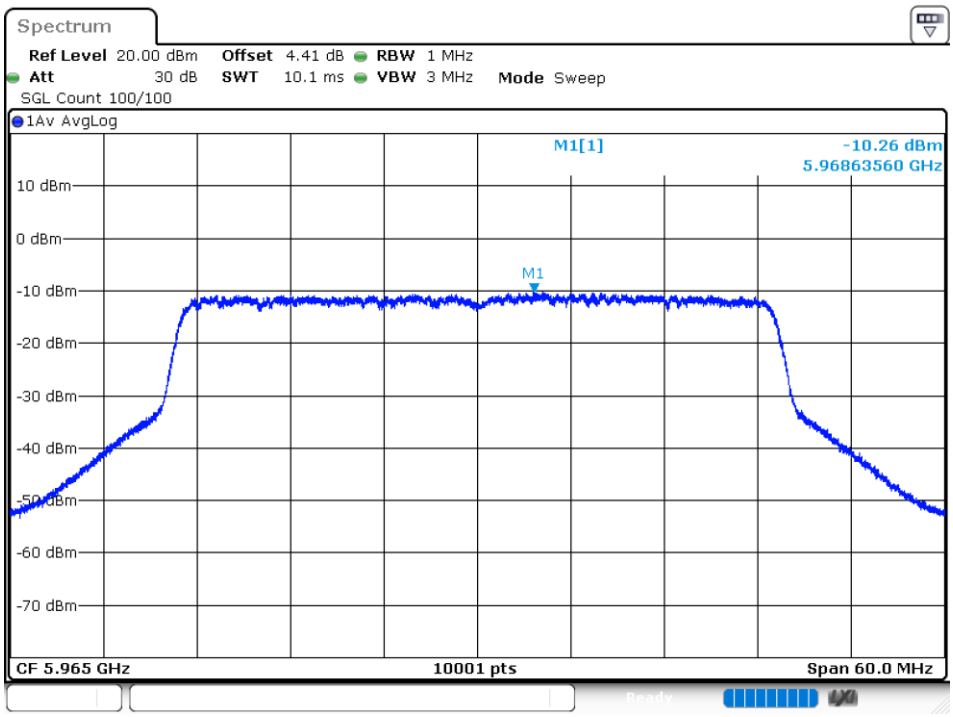
PSD NVNT ax20 6415MHz Ant2



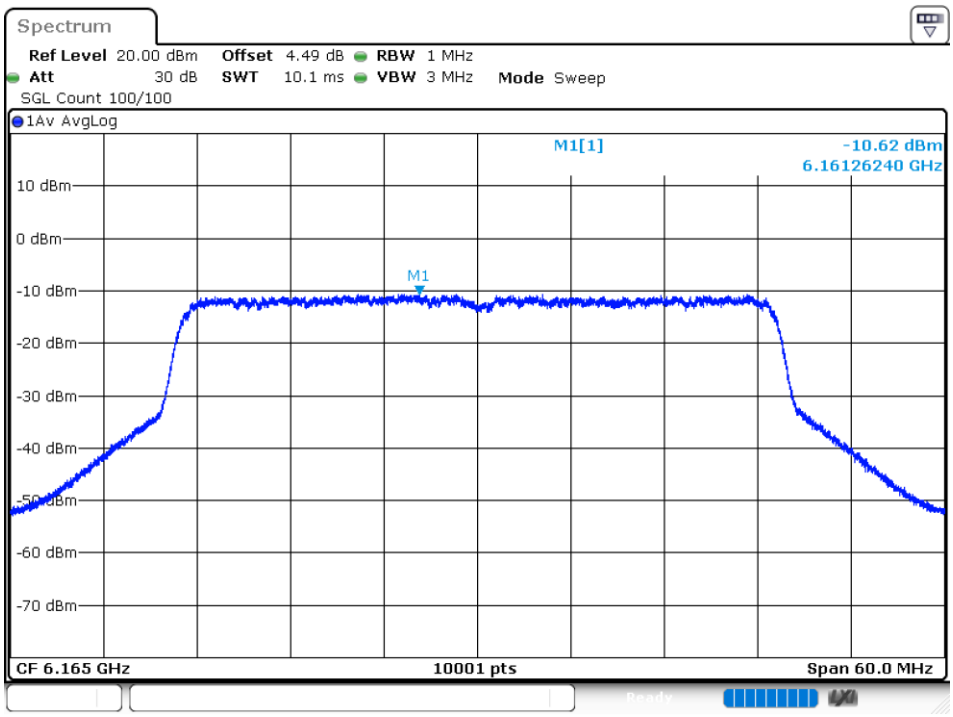
PSD NVNT ax40 5965MHz Ant1



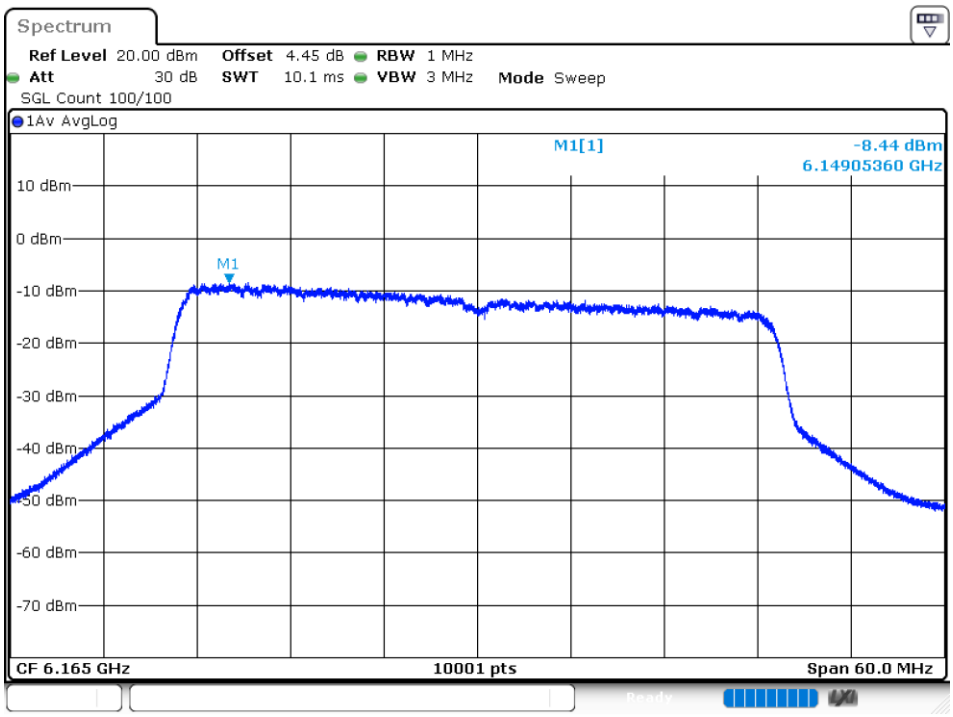
PSD NVNT ax40 5965MHz Ant2



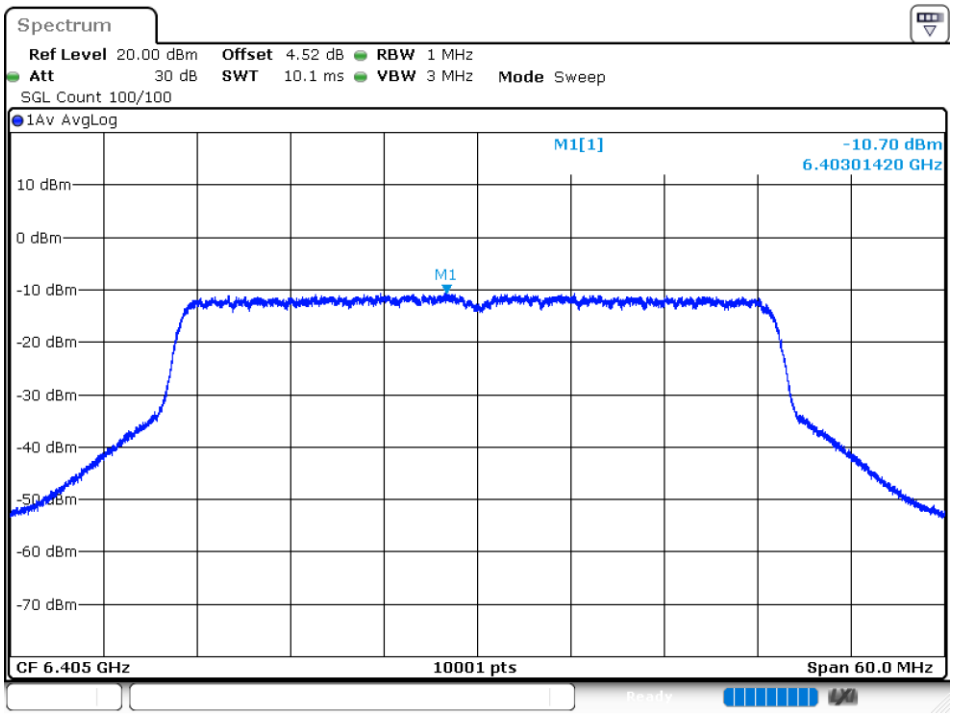
PSD NVNT ax40 6165MHz Ant1



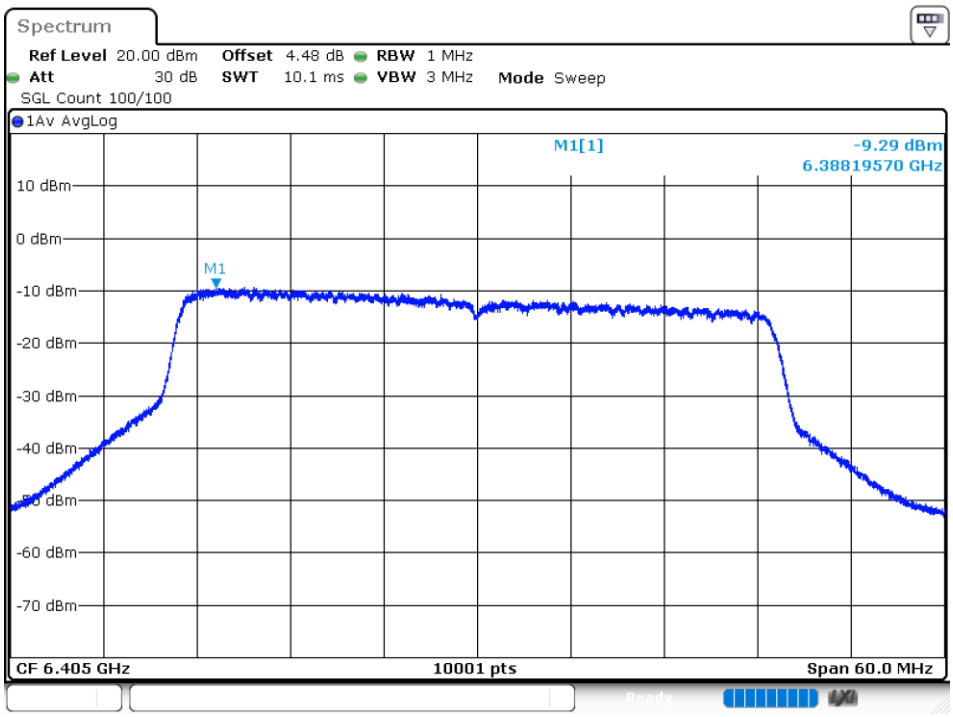
PSD NVNT ax40 6165MHz Ant2



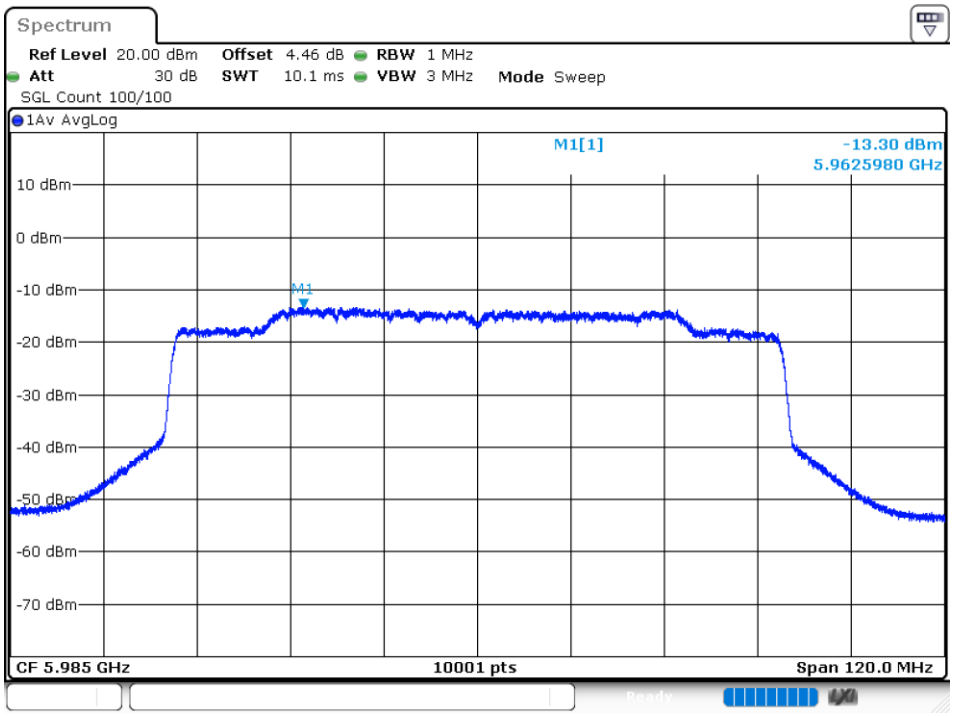
PSD NVNT ax40 6405MHz Ant1



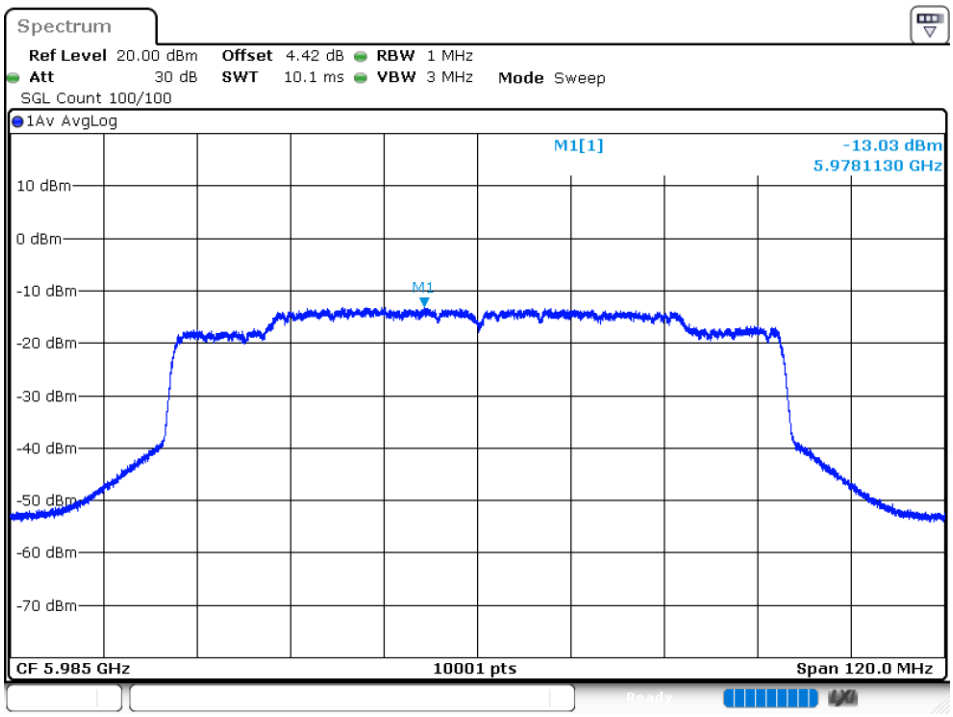
PSD NVNT ax40 6405MHz Ant2



PSD NVNT ax80 5985MHz Ant1



PSD NVNT ax80 5985MHz Ant2



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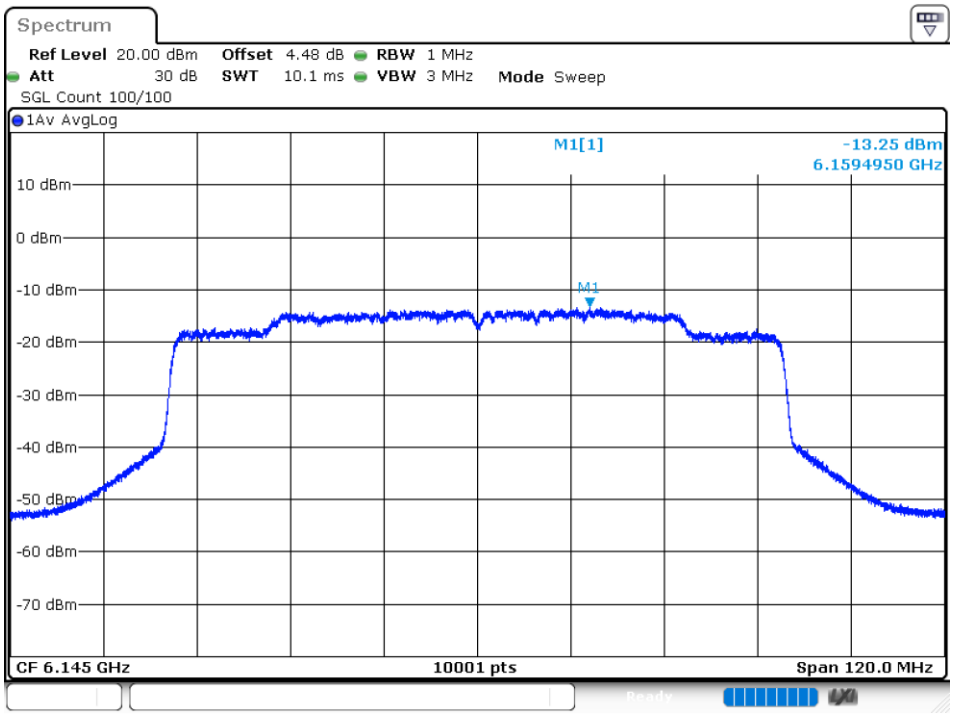
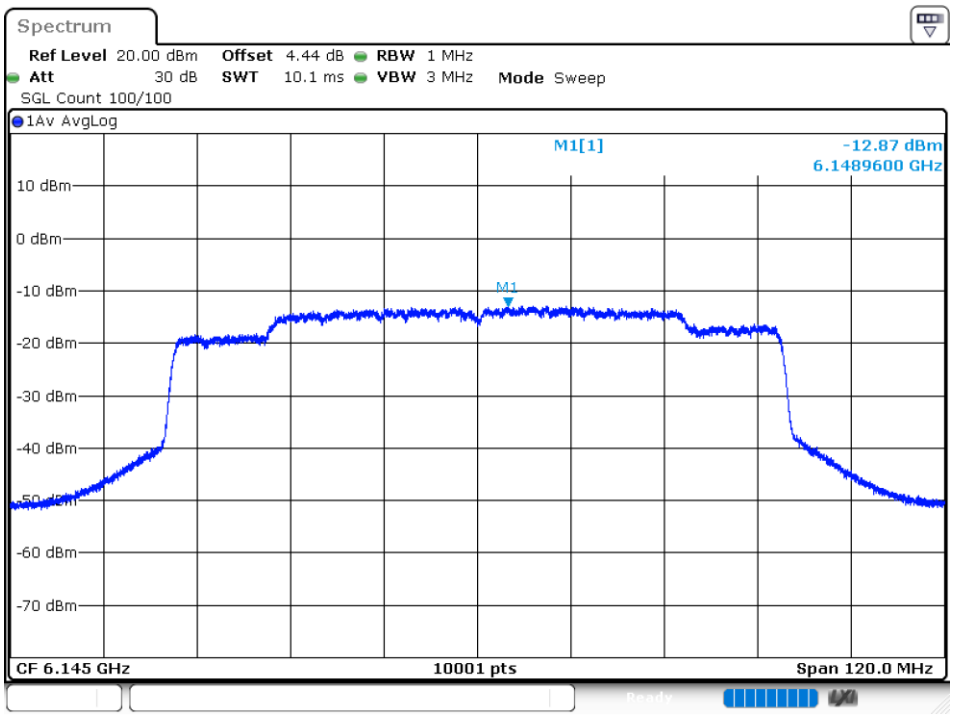
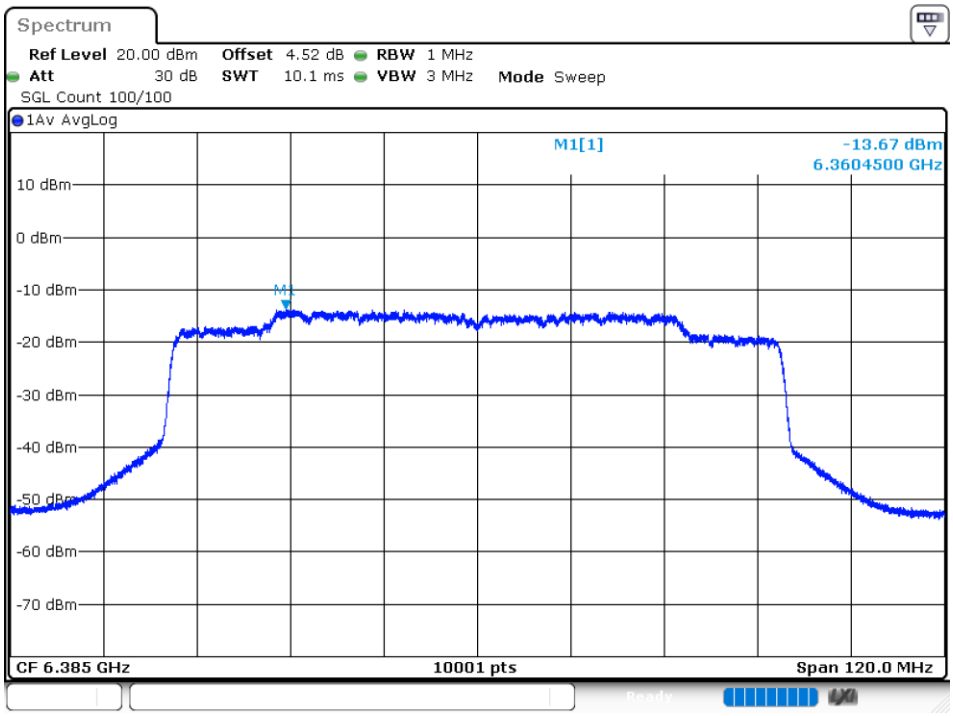


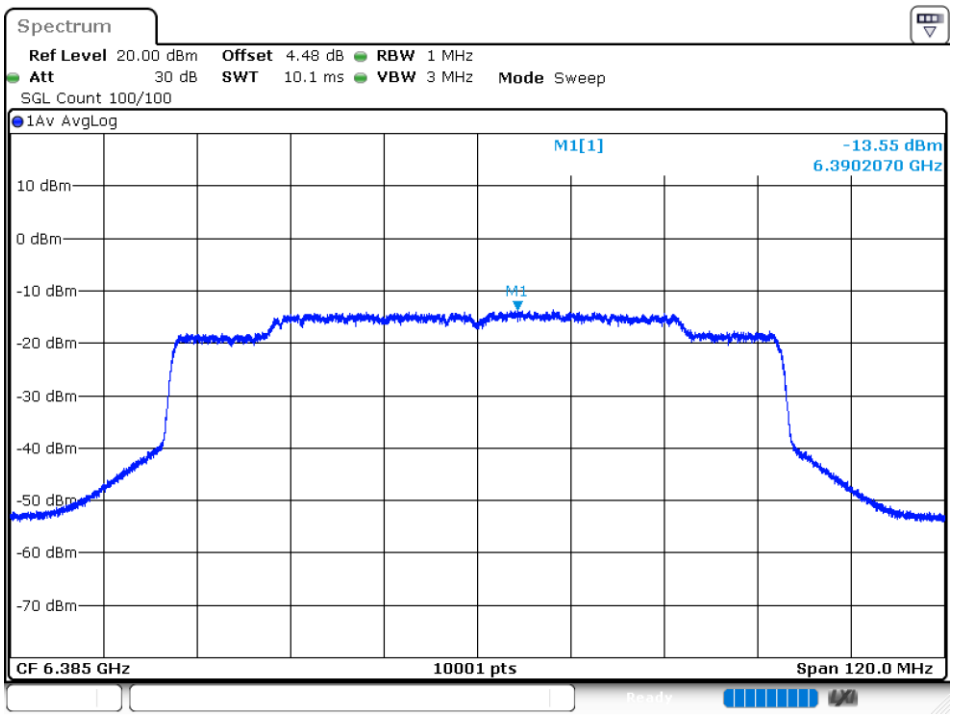
PSD NVNT ax80 6145MHz Ant2



PSD NVNT ax80 6385MHz Ant1



PSD NVNT ax80 6385MHz Ant2

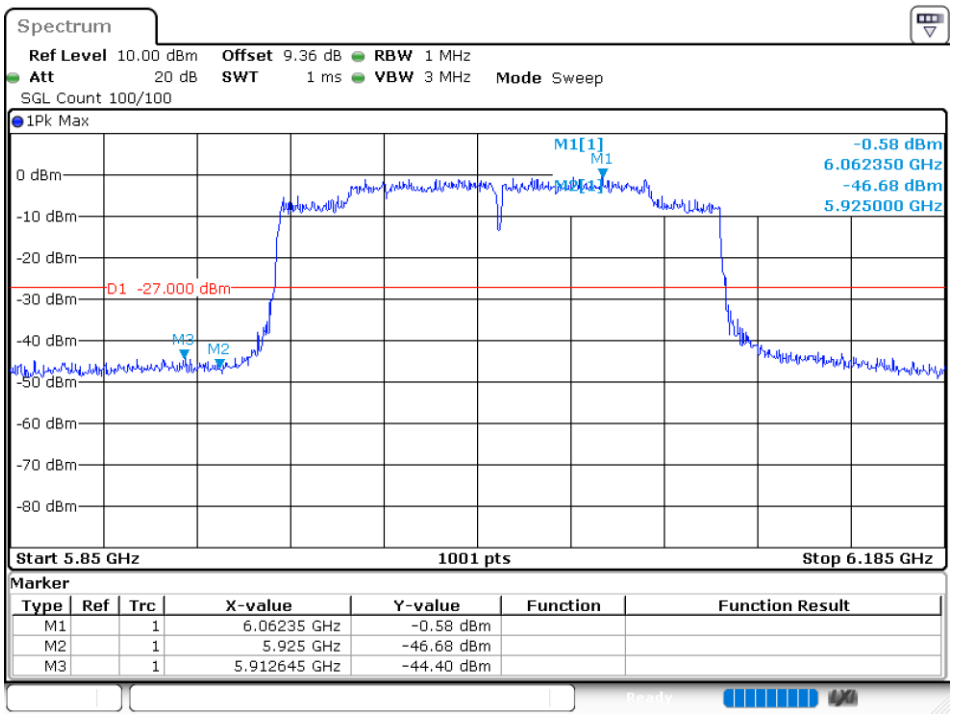


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	-44.39	-27	Pass
NVNT	ax160	6025	Ant2	-41.59	-27	Pass
NVNT	ax160	6345	Ant1	-39.15	-27	Pass
NVNT	ax160	6345	Ant2	-40.14	-27	Pass
NVNT	ax20	5955	Ant1	-44.61	-27	Pass
NVNT	ax20	5955	Ant2	-44.92	-27	Pass
NVNT	ax20	6415	Ant1	-47.78	-27	Pass
NVNT	ax20	6415	Ant2	-48.39	-27	Pass
NVNT	ax40	5965	Ant1	-39.6	-27	Pass
NVNT	ax40	5965	Ant2	-44.29	-27	Pass
NVNT	ax40	6405	Ant1	-47.76	-27	Pass
NVNT	ax40	6405	Ant2	-47.11	-27	Pass
NVNT	ax80	5985	Ant1	-41.57	-27	Pass
NVNT	ax80	5985	Ant2	-44.08	-27	Pass
NVNT	ax80	6385	Ant1	-48.39	-27	Pass
NVNT	ax80	6385	Ant2	-48.13	-27	Pass

Test Graphs

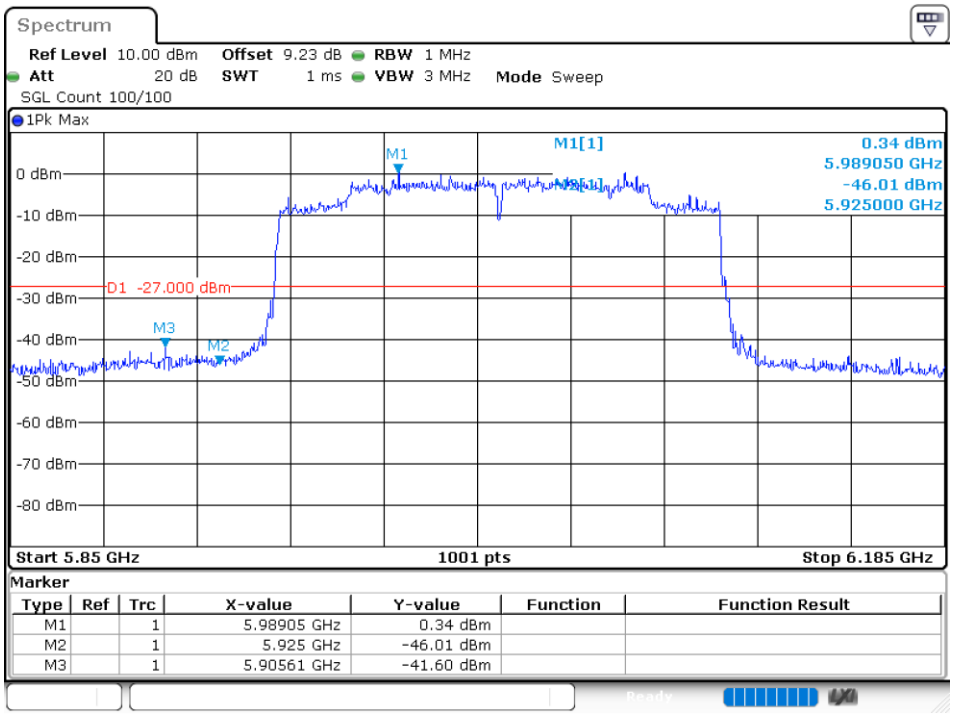
Band Edge NVNT ax160 6025MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.06235 GHz	-0.58 dBm		
M2		1	5.925 GHz	-46.68 dBm		
M3		1	5.912645 GHz	-44.40 dBm		

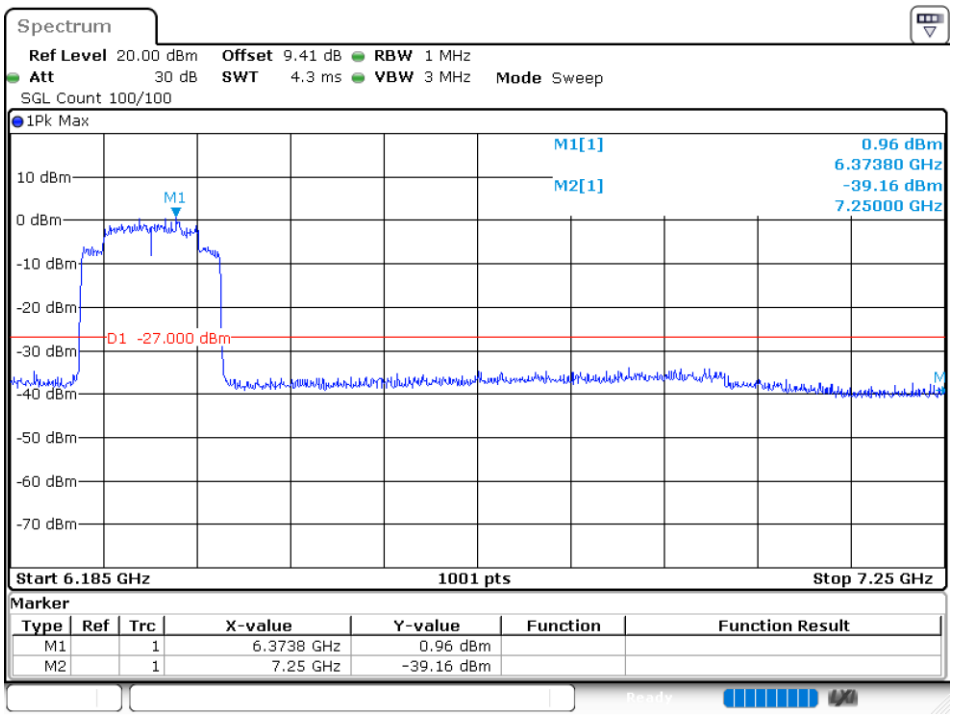
Band Edge NVNT ax160 6025MHz Low Ant2



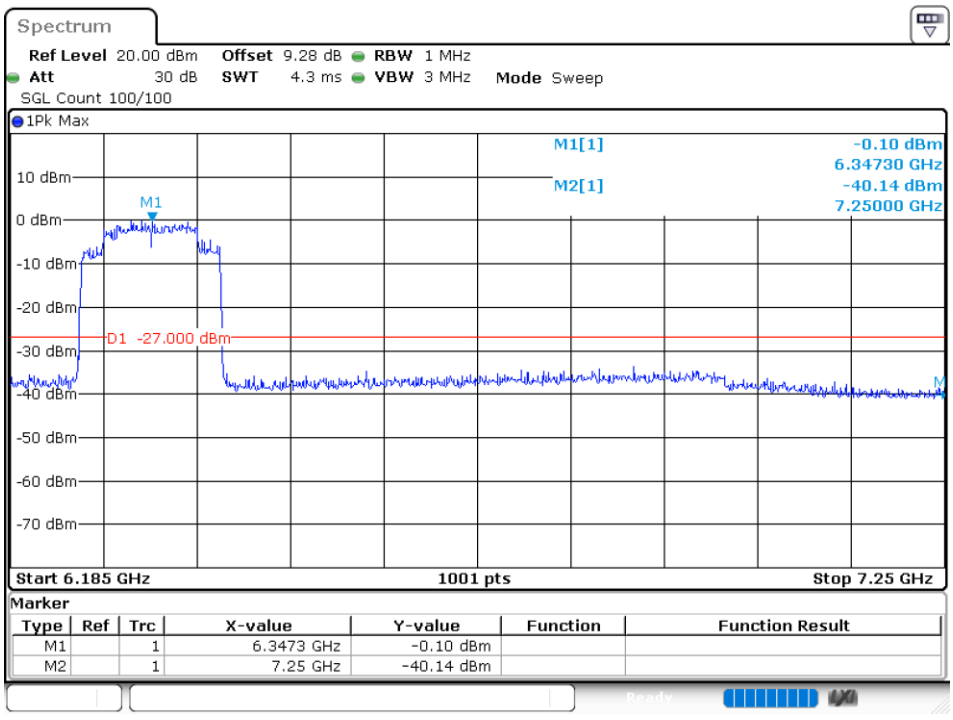
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	5.98905 GHz	0.34 dBm		
M2		1	5.925 GHz	-46.01 dBm		
M3		1	5.90561 GHz	-41.60 dBm		

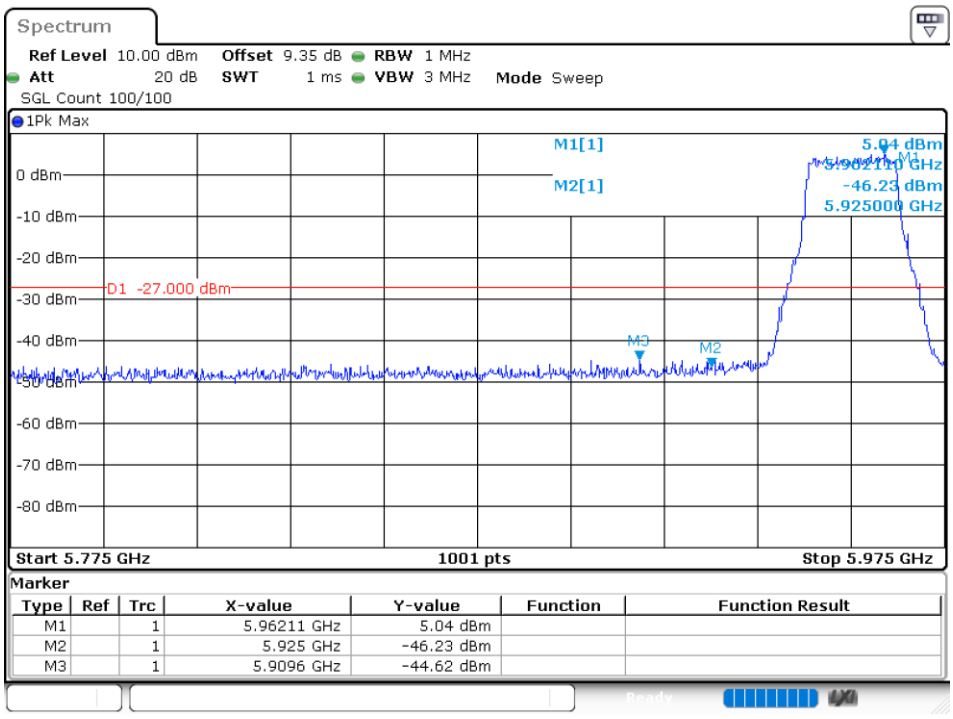
Band Edge NVNT ax160 6345MHz High Ant1



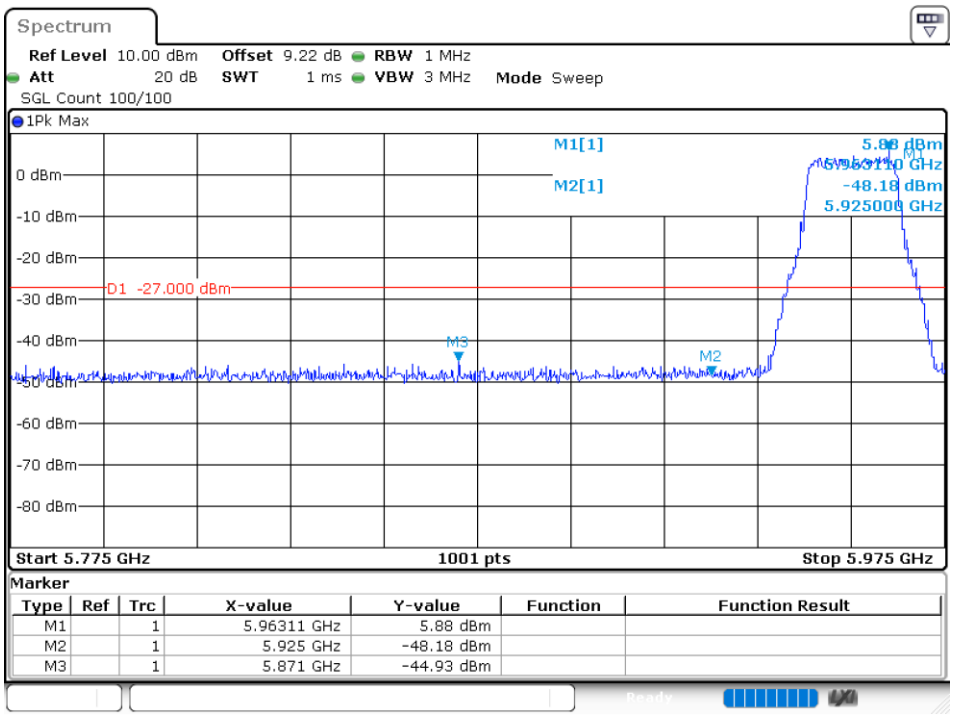
Band Edge NVNT ax160 6345MHz High Ant2



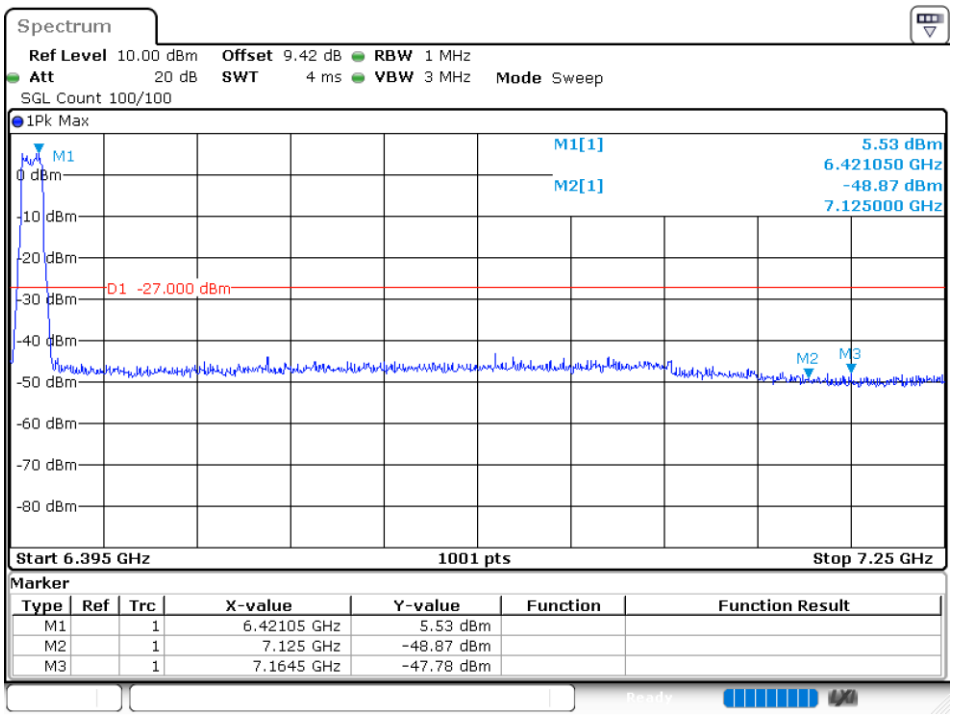
Band Edge NVNT ax20 5955MHz Low Ant1



Band Edge NVNT ax20 5955MHz Low Ant2



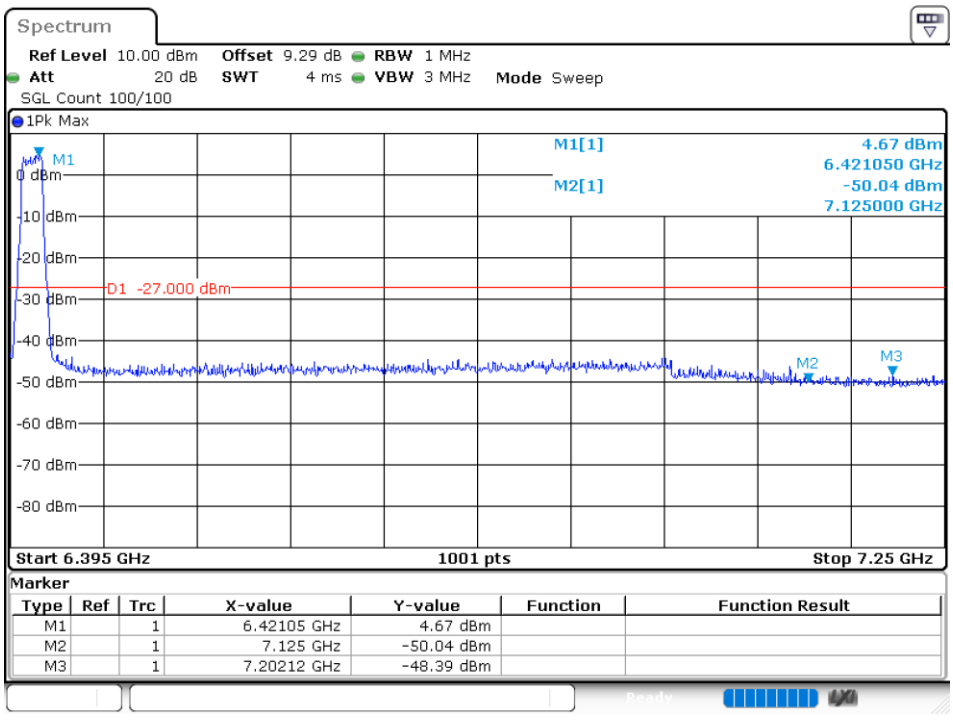
Band Edge NVNT ax20 6415MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.42105 GHz	5.53 dBm		
M2		1	7.125 GHz	-48.87 dBm		
M3		1	7.1645 GHz	-47.78 dBm		

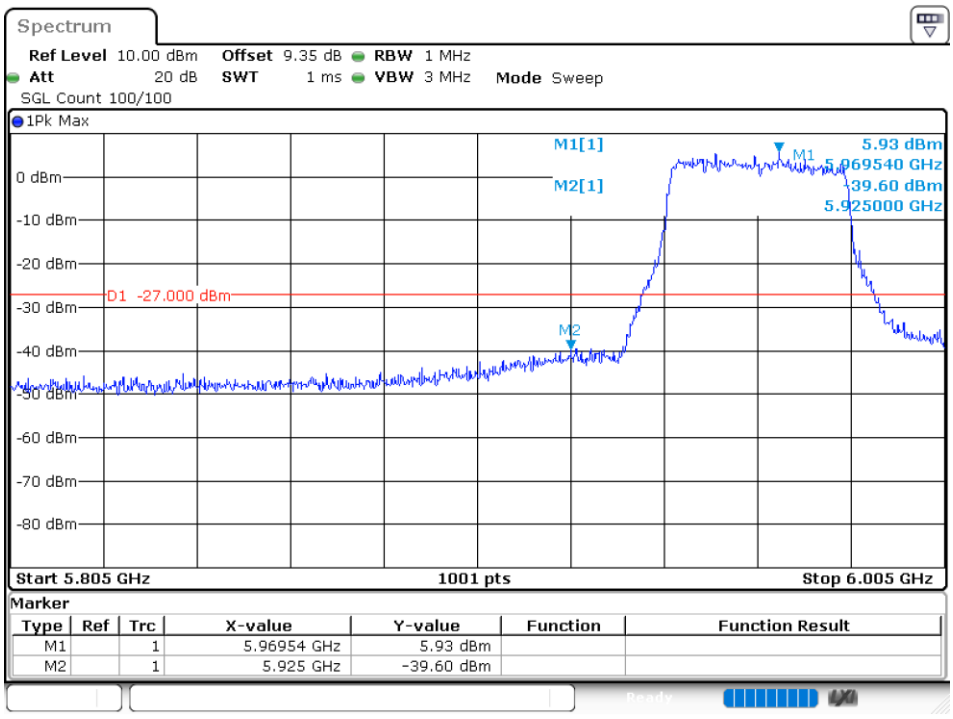
Band Edge NVNT ax20 6415MHz High Ant2



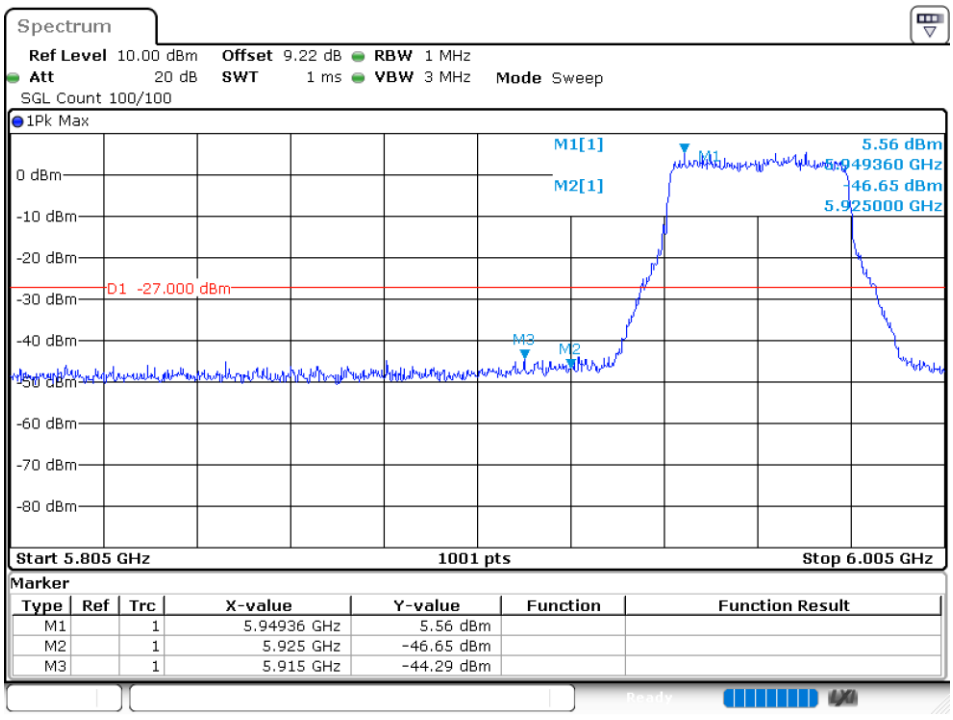
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.42105 GHz	4.67 dBm		
M2		1	7.125 GHz	-50.04 dBm		
M3		1	7.20212 GHz	-48.39 dBm		

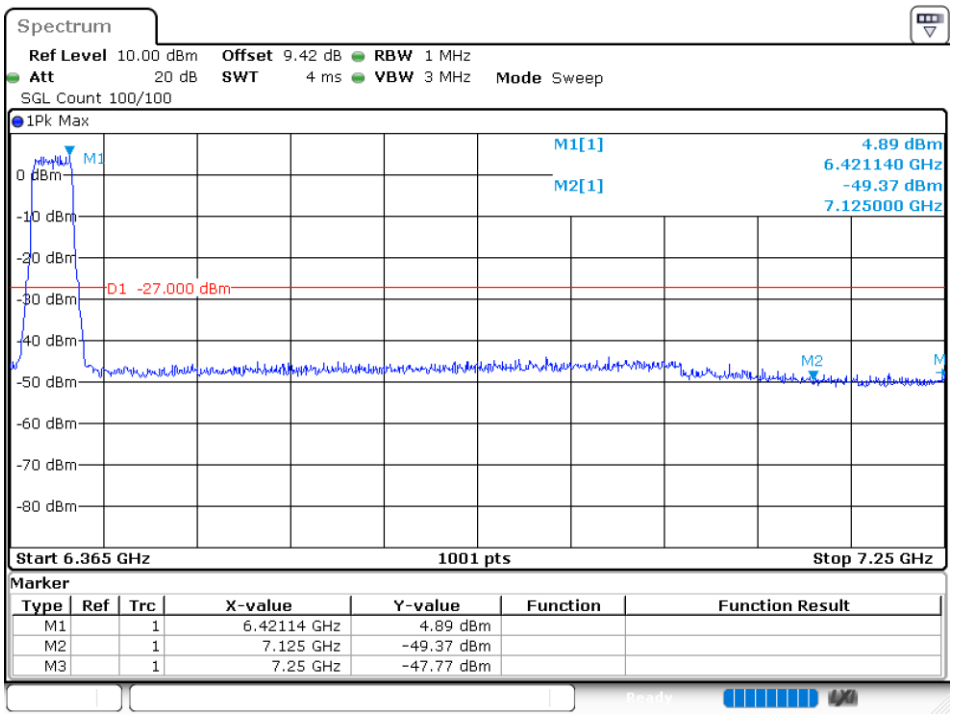
Band Edge NVNT ax40 5965MHz Low Ant1



Band Edge NVNT ax40 5965MHz Low Ant2



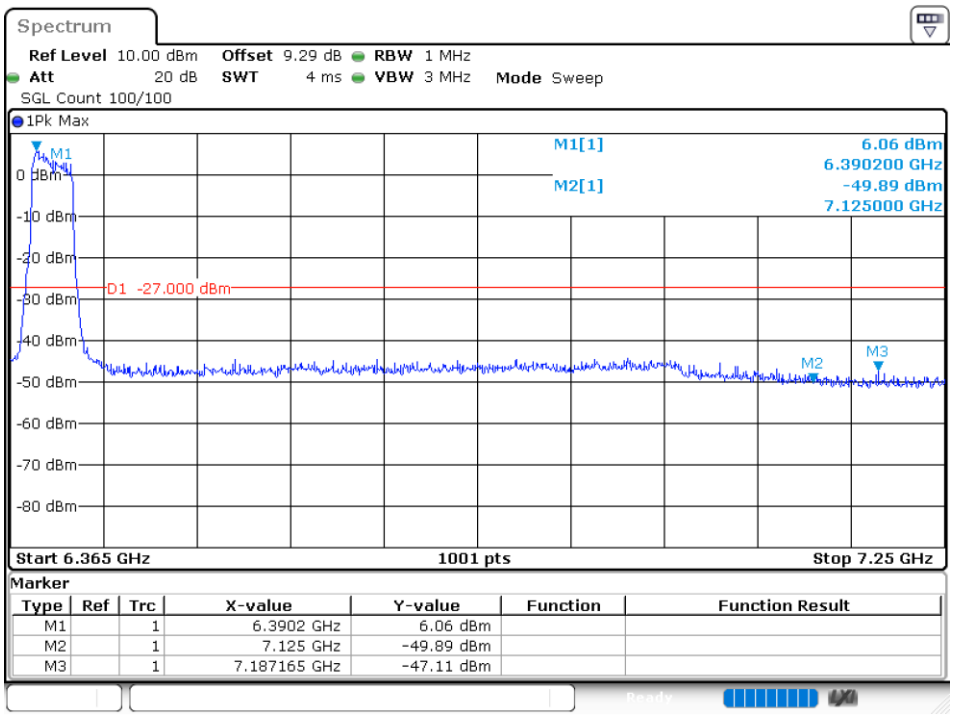
Band Edge NVNT ax40 6405MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.42114 GHz	4.89 dBm		
M2		1	7.125 GHz	-49.37 dBm		
M3		1	7.25 GHz	-47.77 dBm		

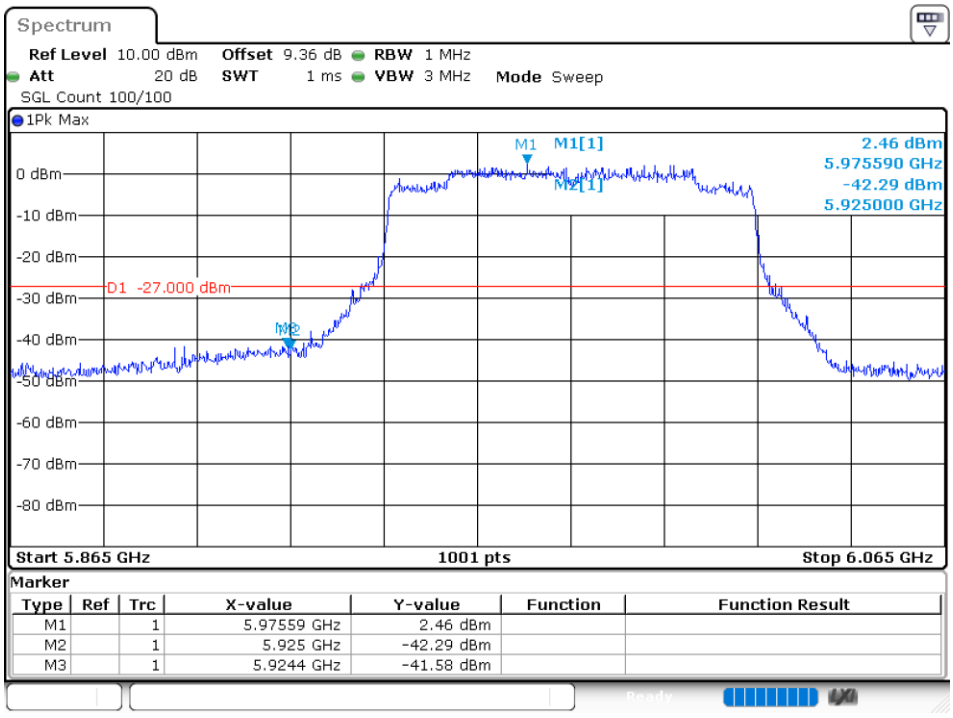
Band Edge NVNT ax40 6405MHz High Ant2



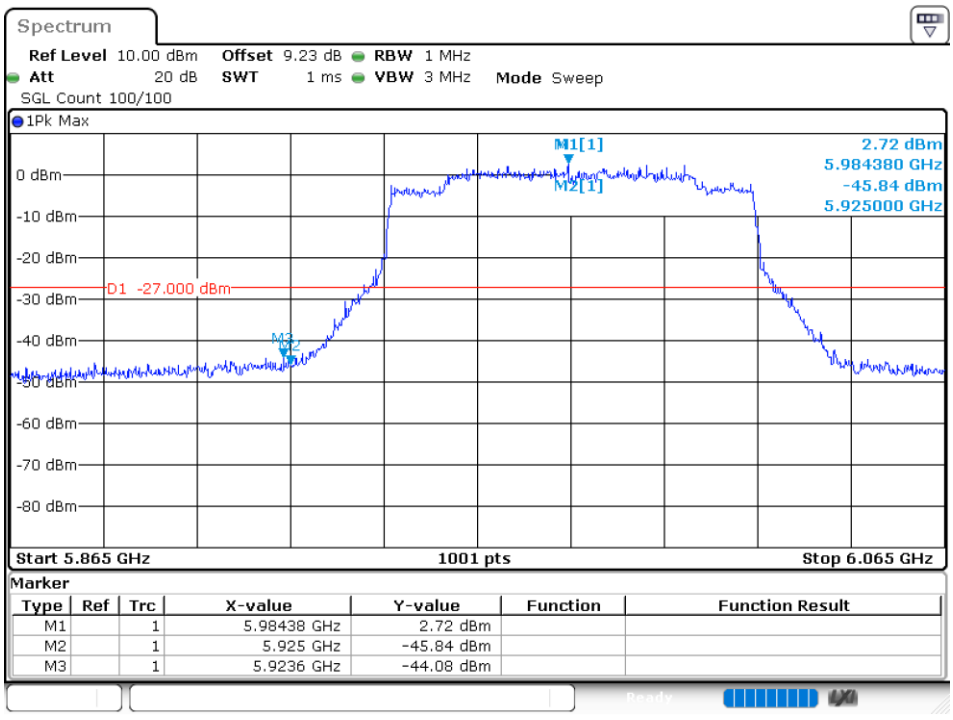
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.3902 GHz	6.06 dBm		
M2		1	7.125 GHz	-49.89 dBm		
M3		1	7.187165 GHz	-47.11 dBm		

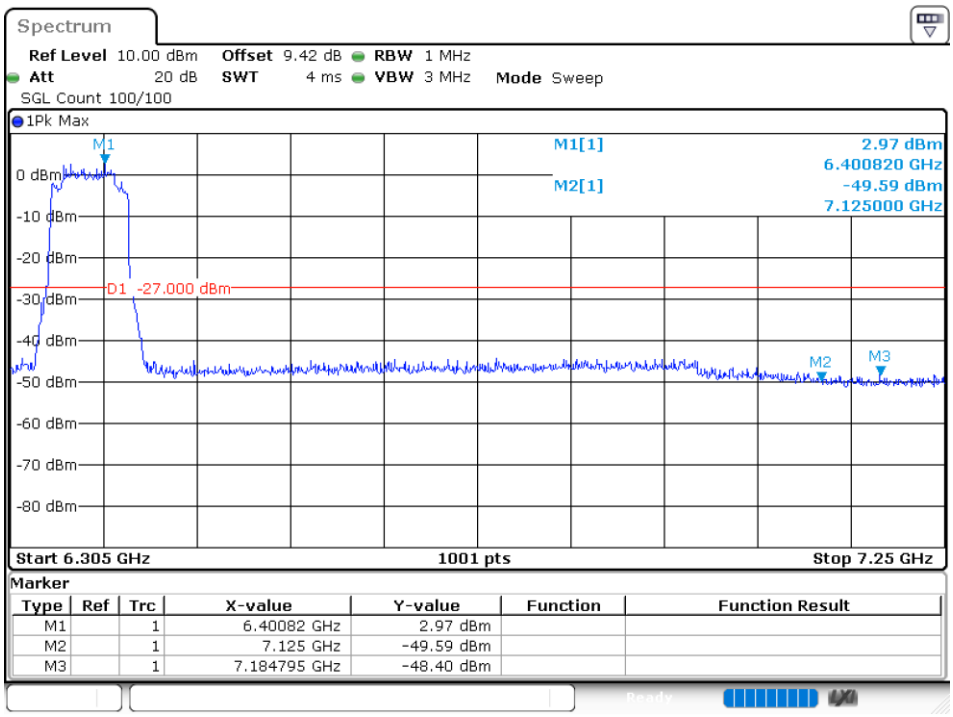
Band Edge NVNT ax80 5985MHz Low Ant1



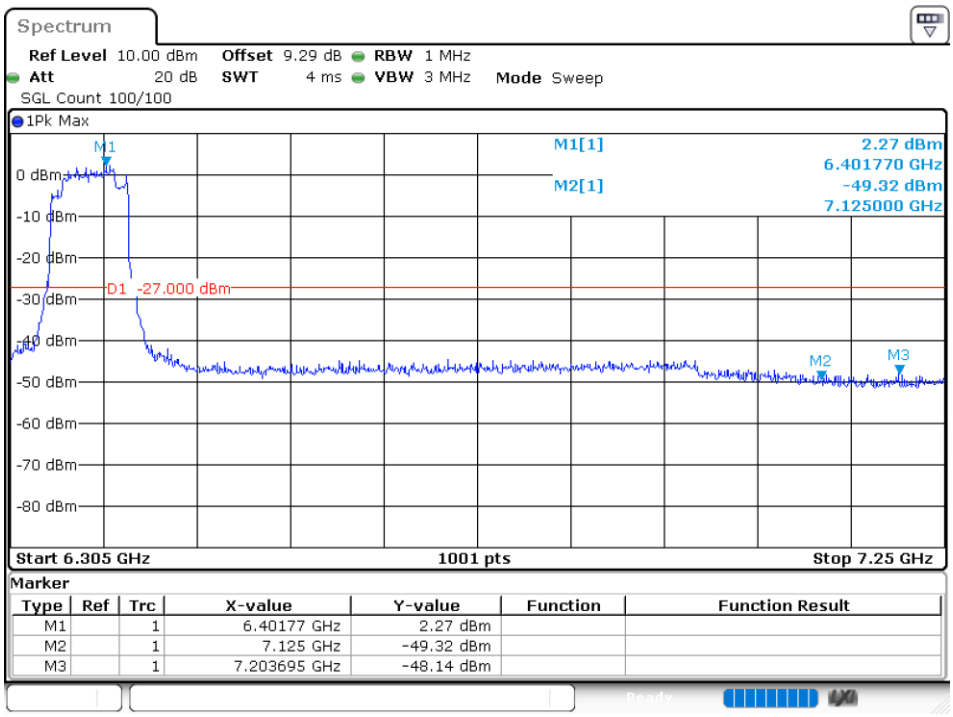
Band Edge NVNT ax80 5985MHz Low Ant2



Band Edge NVNT ax80 6385MHz High Ant1



Band Edge NVNT ax80 6385MHz High Ant2

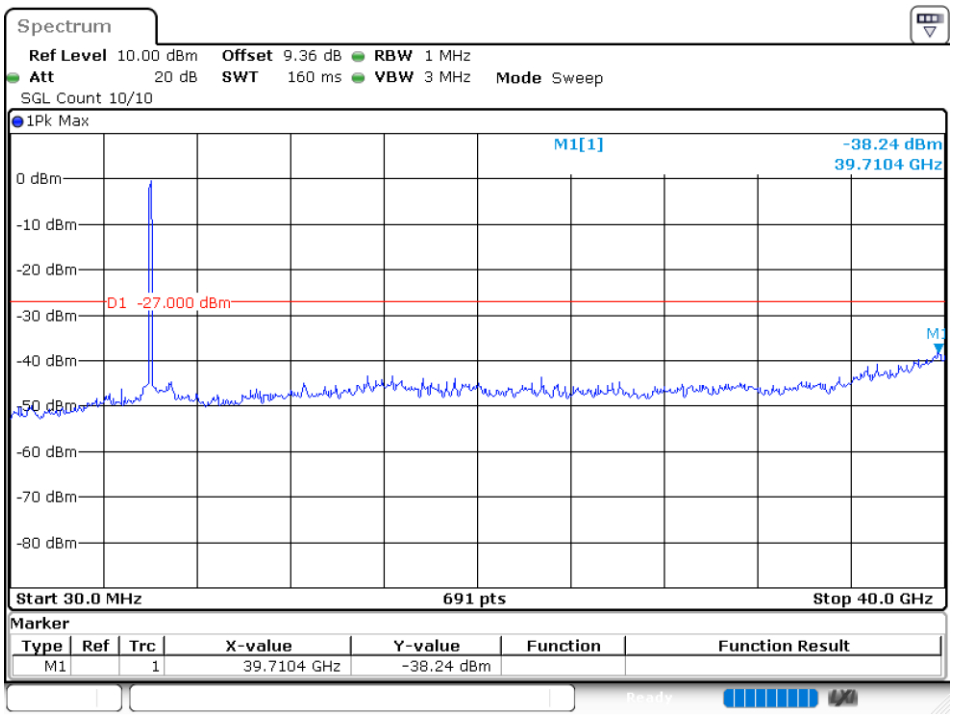


Conducted RF Spurious Emission

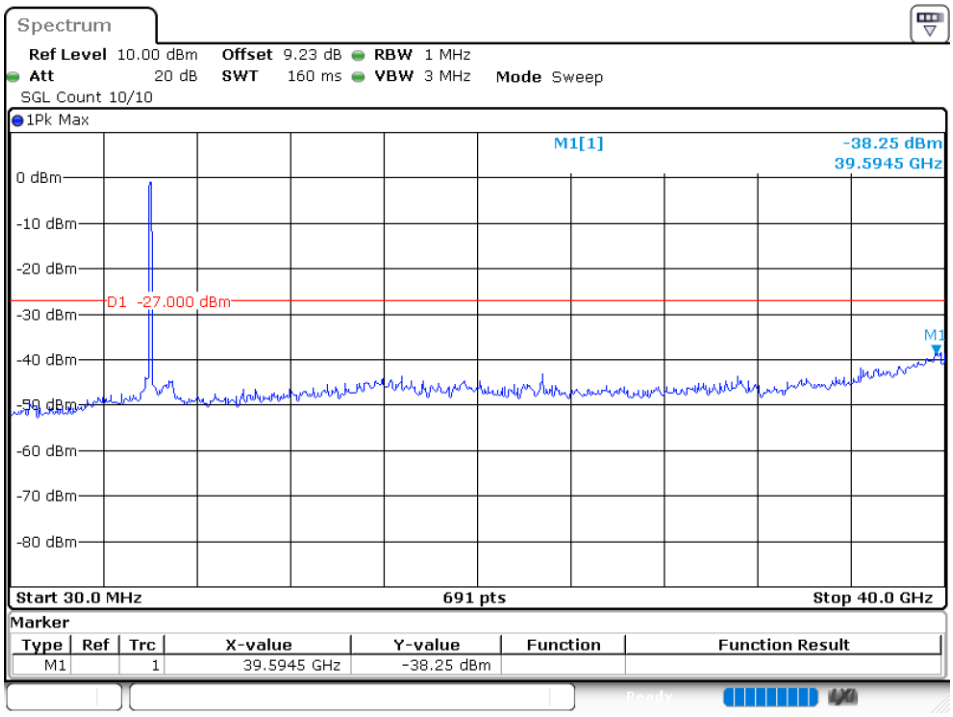
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6025	Ant1	-38.24	-27	Pass
NVNT	ax160	6025	Ant2	-38.24	-27	Pass
NVNT	ax160	6185	Ant1	-28.67	-27	Pass
NVNT	ax160	6185	Ant2	-28.21	-27	Pass
NVNT	ax160	6345	Ant1	-28.17	-27	Pass
NVNT	ax160	6345	Ant2	-28.53	-27	Pass
NVNT	ax20	5955	Ant1	-28.08	-27	Pass
NVNT	ax20	5955	Ant2	-28.46	-27	Pass
NVNT	ax20	6175	Ant1	-27.11	-27	Pass
NVNT	ax20	6175	Ant2	-27.51	-27	Pass
NVNT	ax20	6415	Ant1	-37.49	-27	Pass
NVNT	ax20	6415	Ant2	-38.43	-27	Pass
NVNT	ax40	5965	Ant1	-28.71	-27	Pass
NVNT	ax40	5965	Ant2	-28.48	-27	Pass
NVNT	ax40	6165	Ant1	-28.02	-27	Pass
NVNT	ax40	6165	Ant2	-28.74	-27	Pass
NVNT	ax40	6405	Ant1	-28.98	-27	Pass
NVNT	ax40	6405	Ant2	-28.36	-27	Pass
NVNT	ax80	5985	Ant1	-27.88	-27	Pass
NVNT	ax80	5985	Ant2	-28.11	-27	Pass
NVNT	ax80	6145	Ant1	-27.55	-27	Pass
NVNT	ax80	6145	Ant2	-28.43	-27	Pass
NVNT	ax80	6385	Ant1	-27.91	-27	Pass
NVNT	ax80	6385	Ant2	-27.56	-27	Pass

Test Graphs

Tx. Spurious NVNT ax160 6025MHz Ant1 Emission



Tx. Spurious NVNT ax160 6025MHz Ant2 Emission



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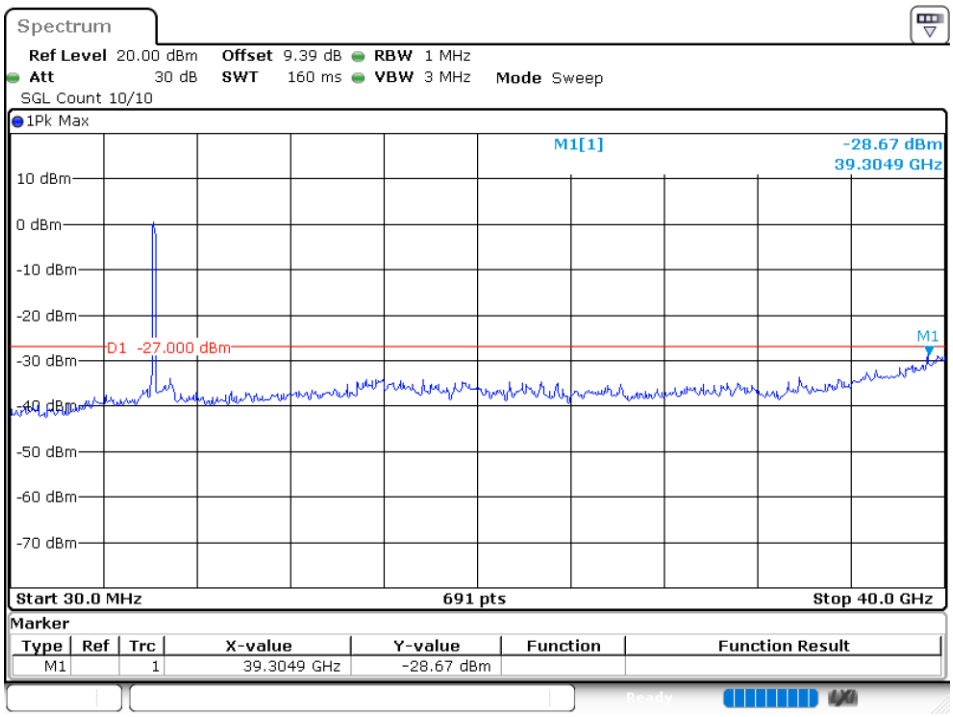
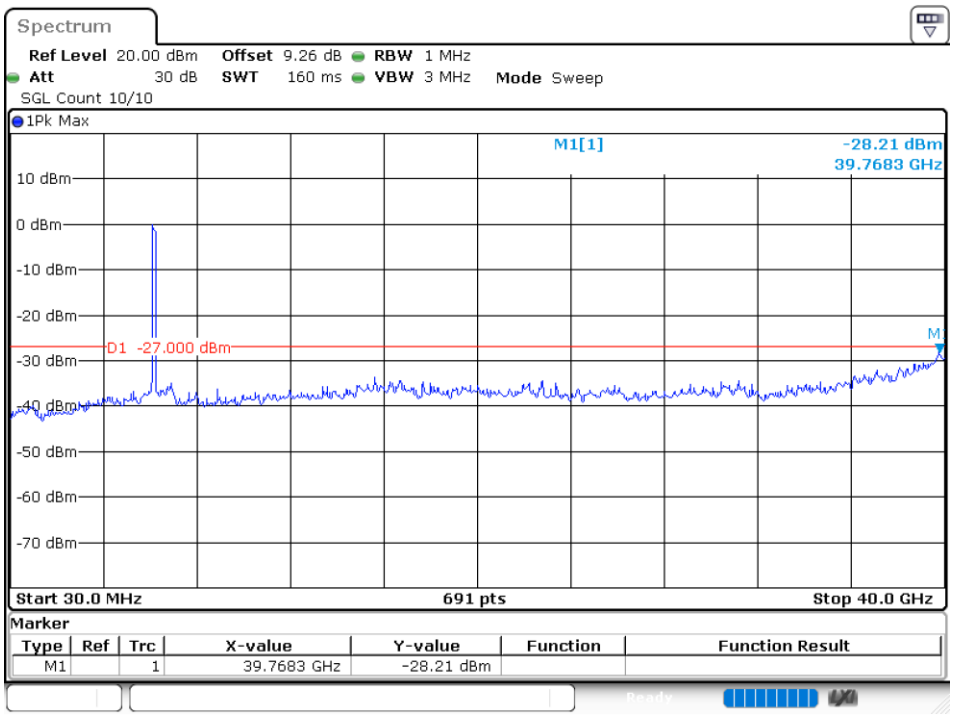


Tx. Spurious NVNT ax160 6185MHz Ant2 Emission



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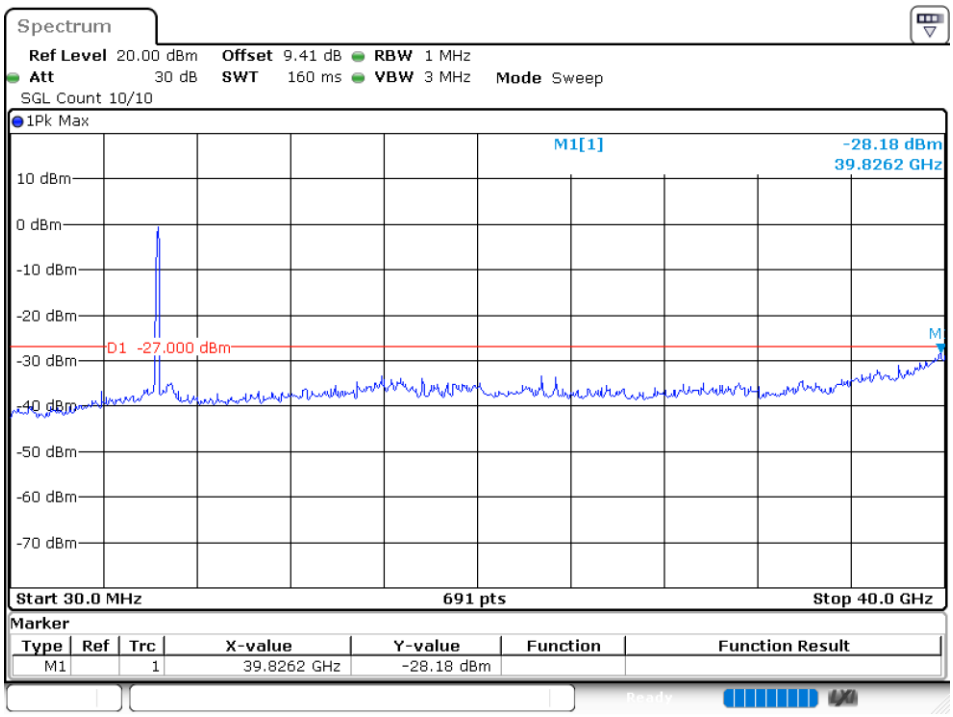

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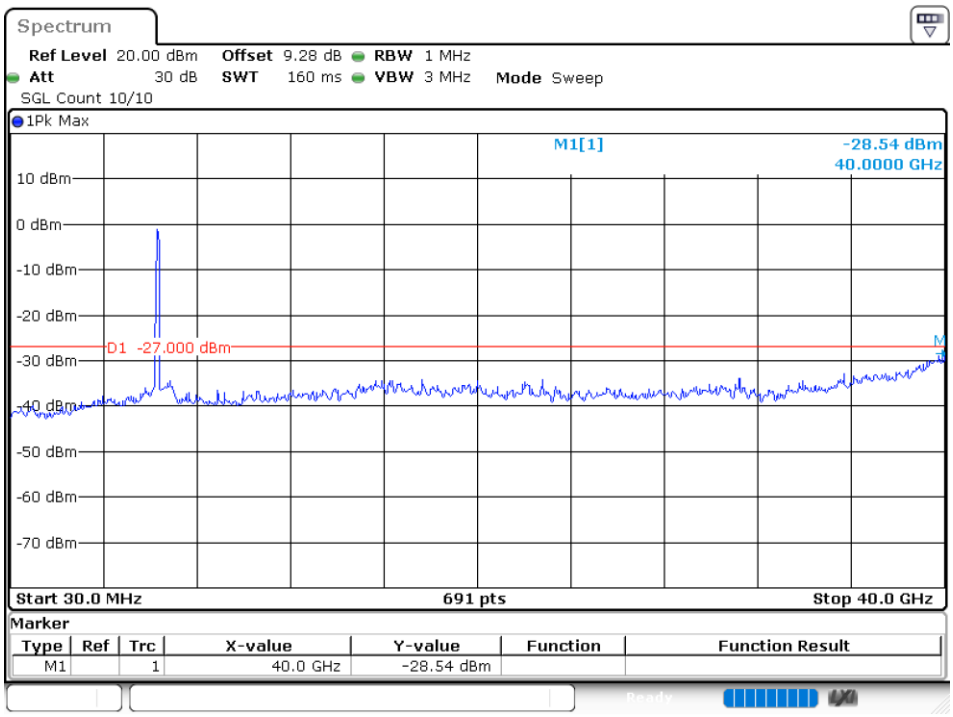

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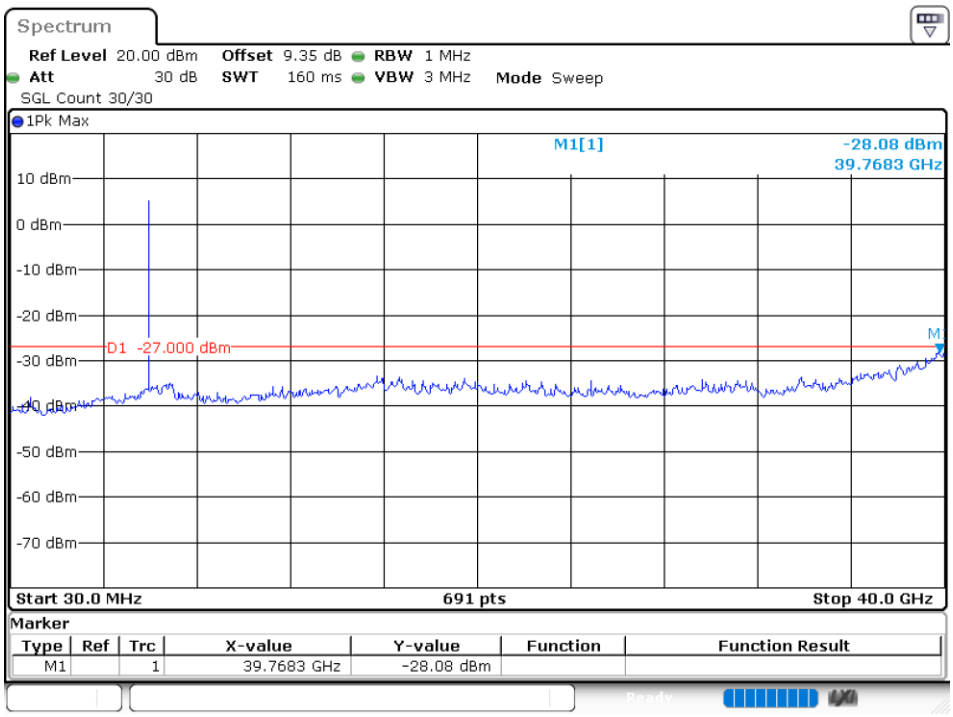

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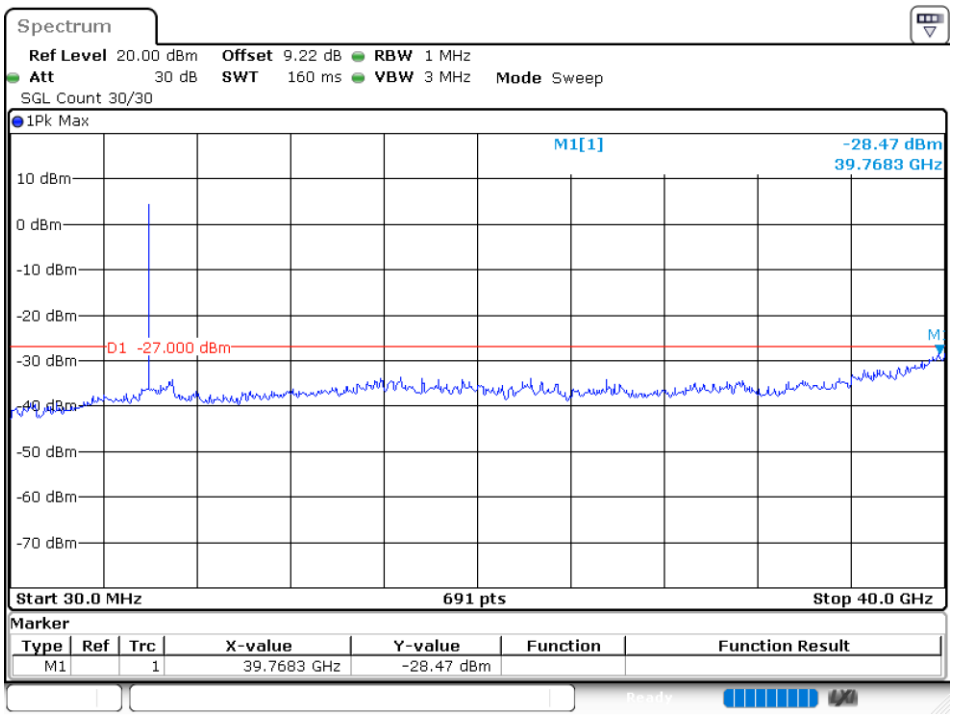

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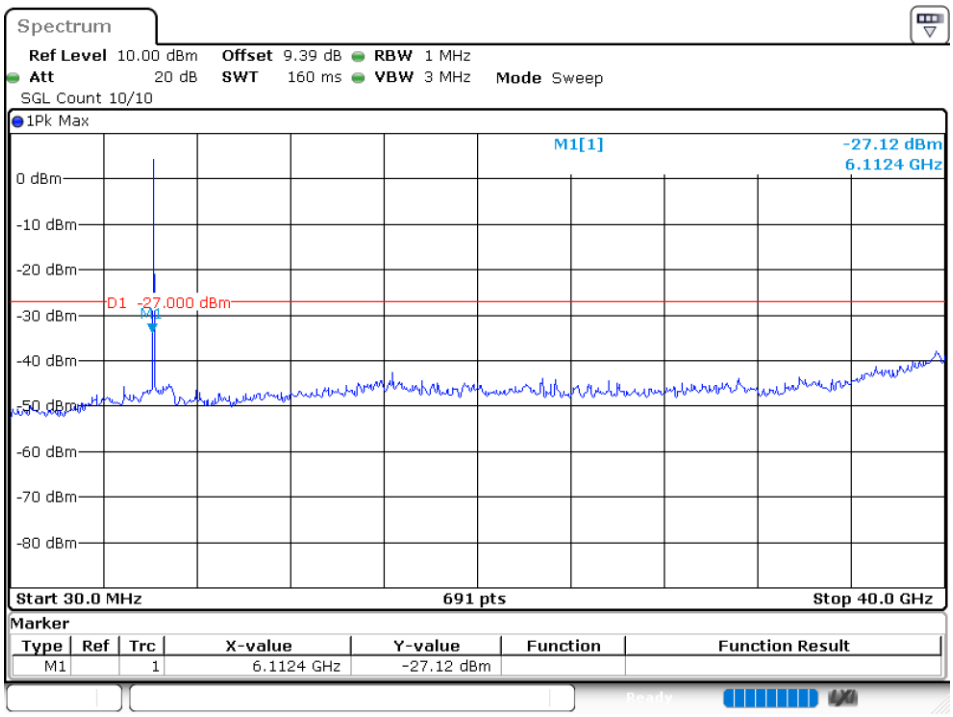

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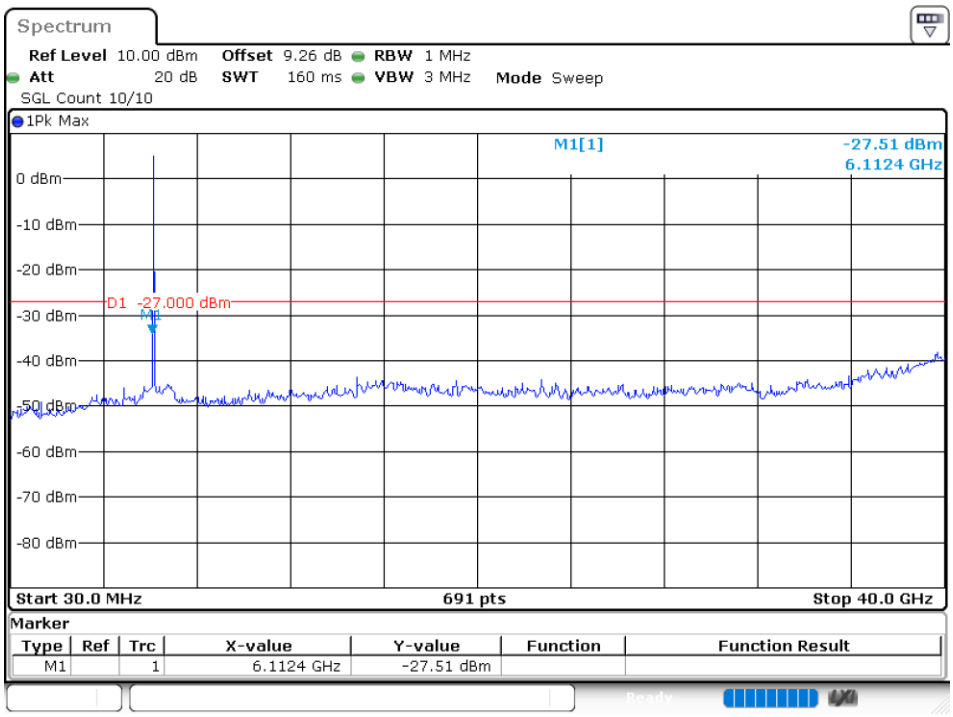

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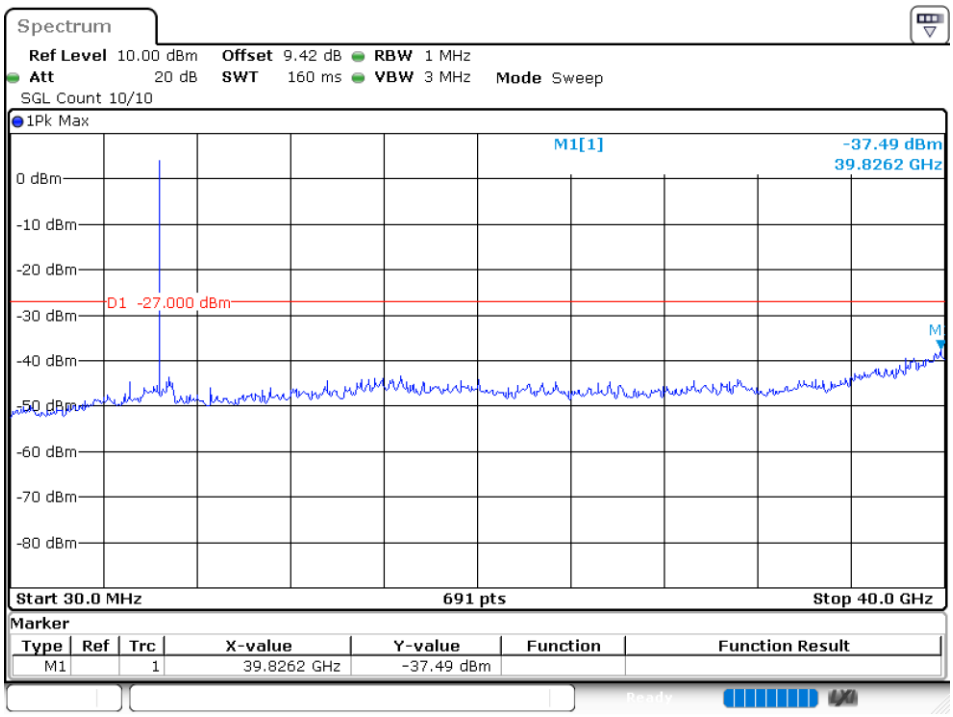

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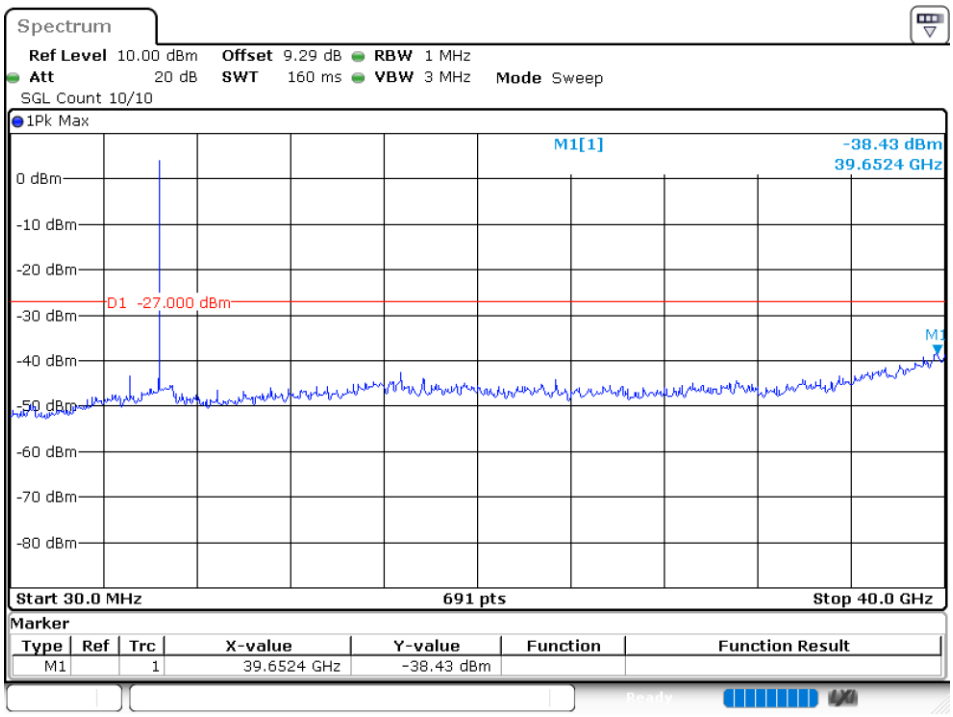
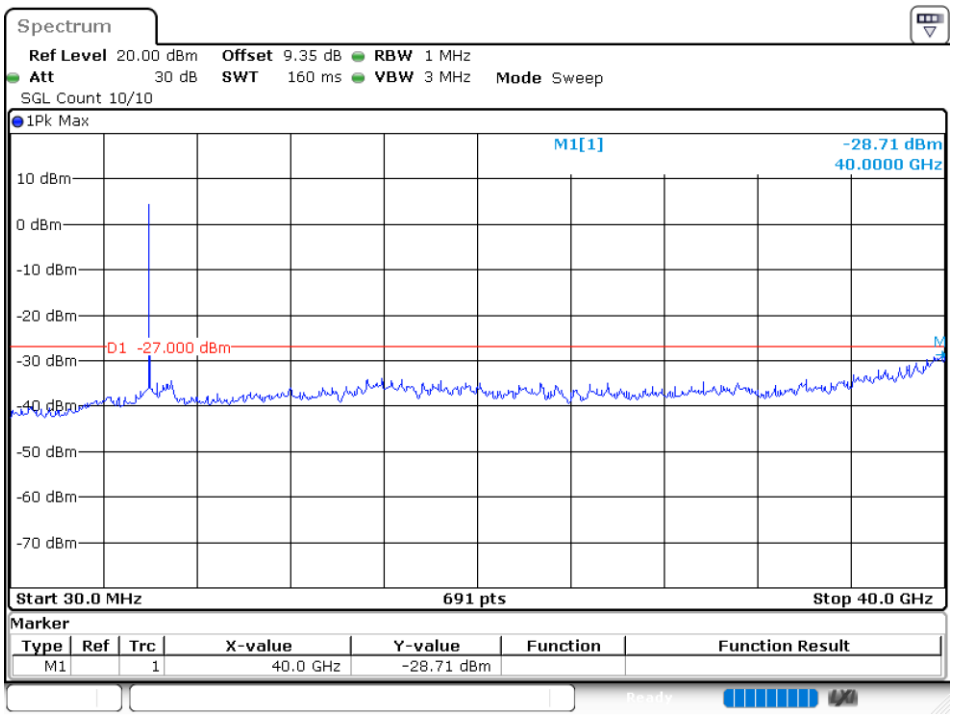


Tx. Spurious NVNT ax40 5965MHz Ant1 Emission



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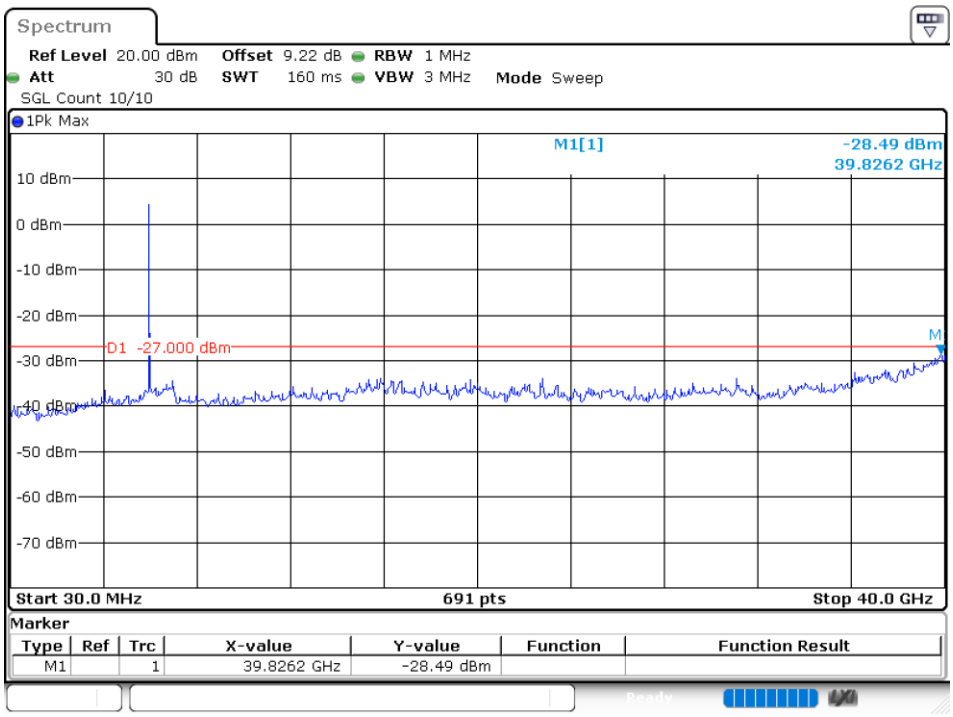

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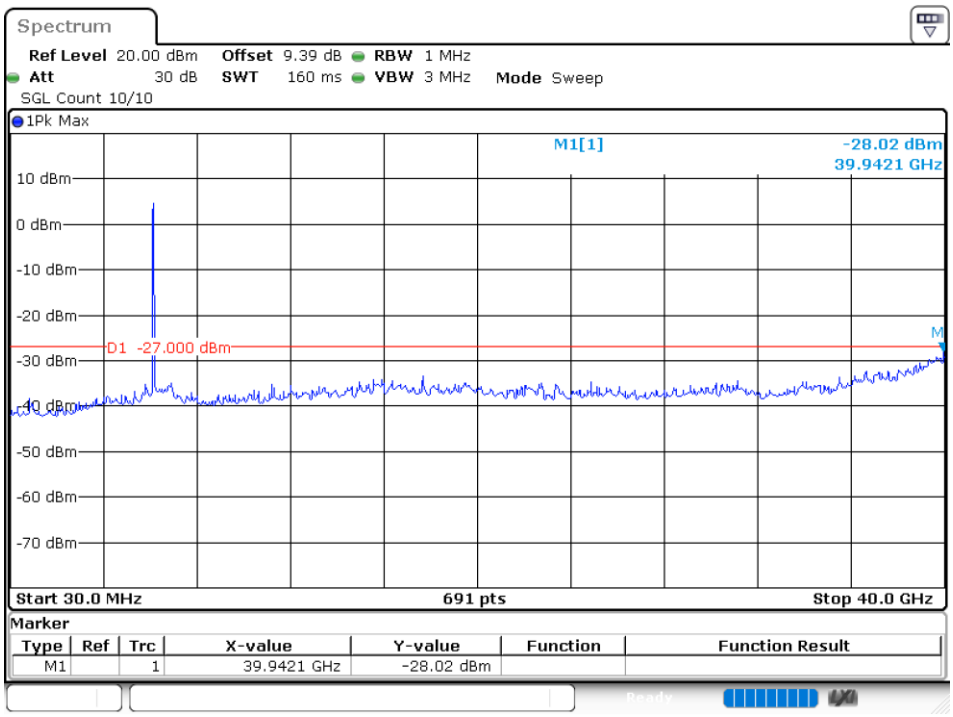

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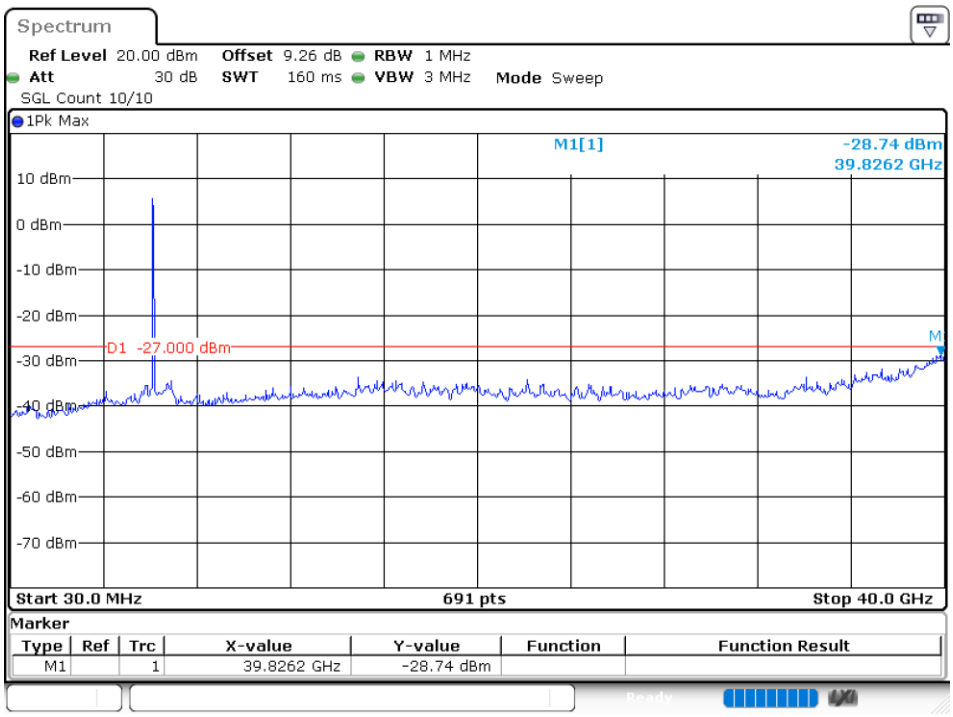

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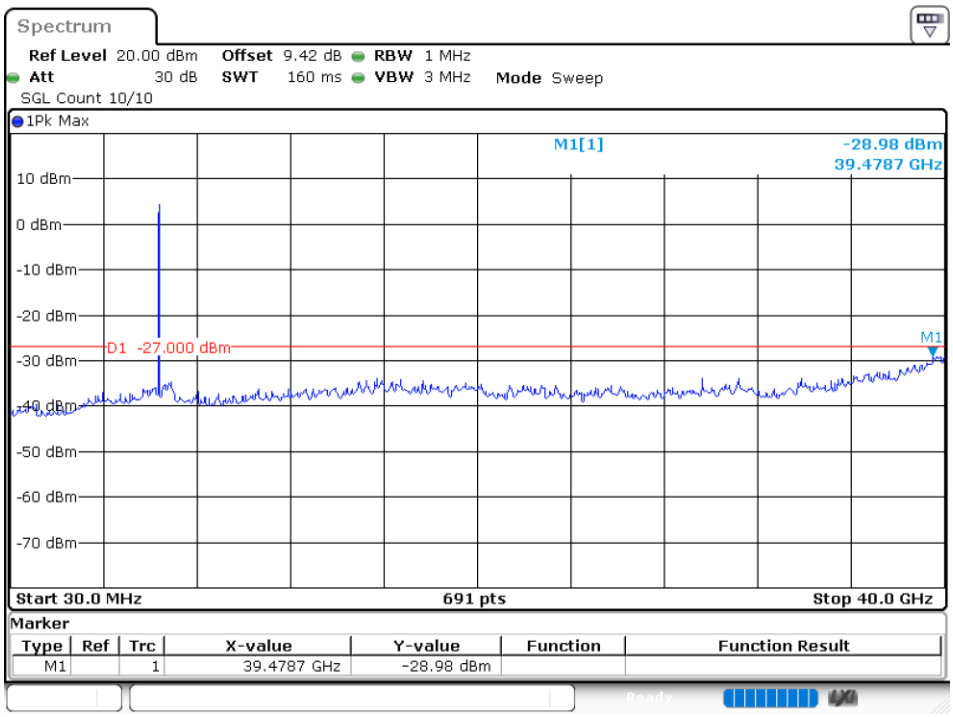
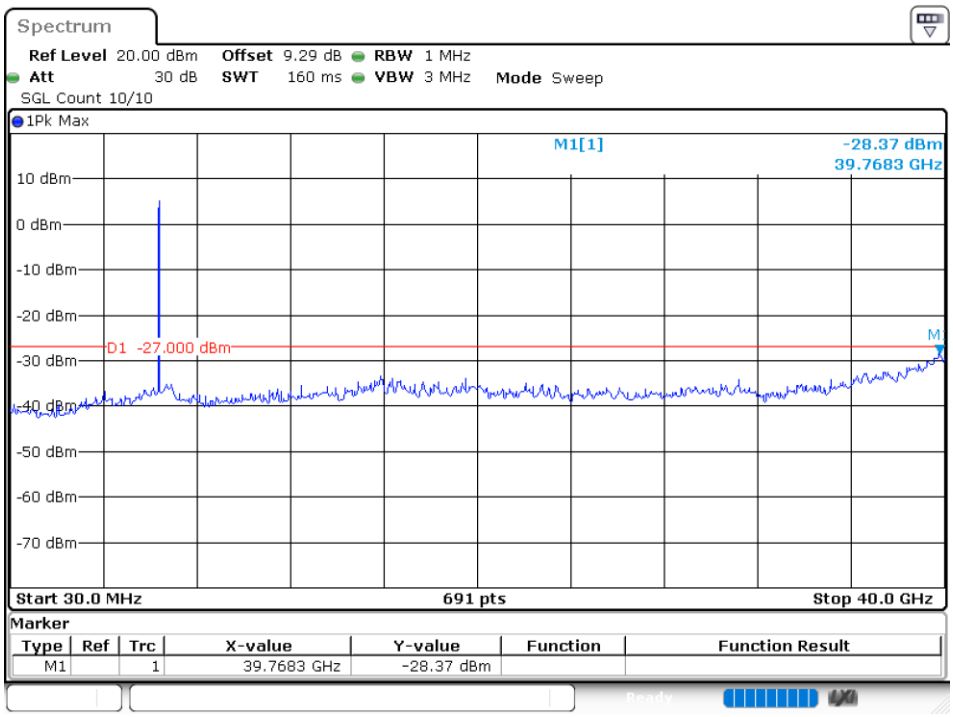
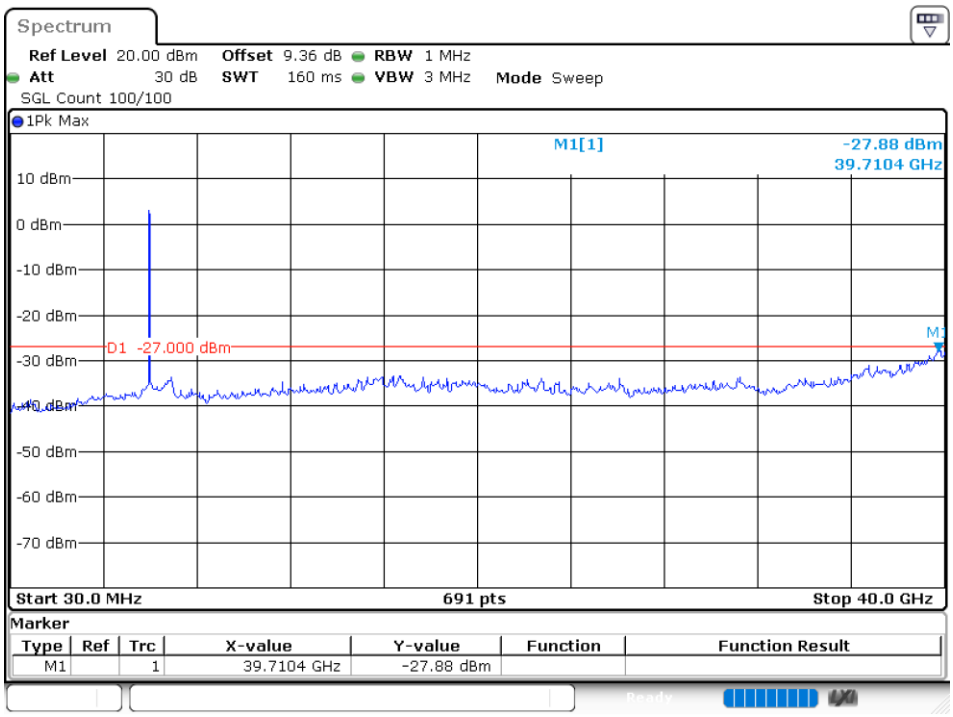


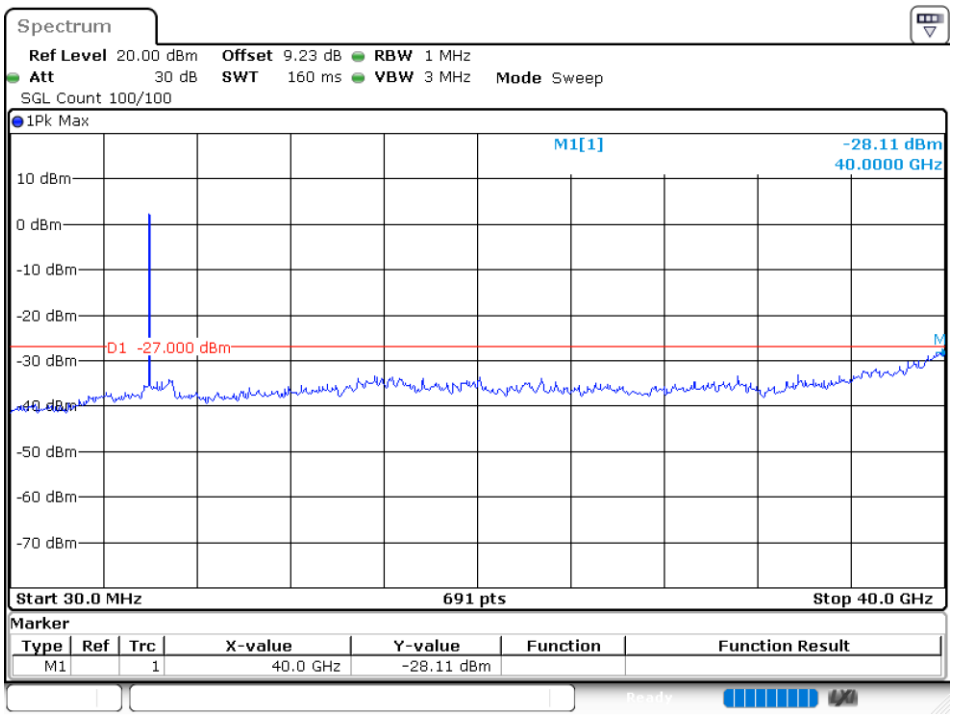
Tx. Spurious NVNT ax40 6405MHz Ant2 Emission



Tx. Spurious NVNT ax80 5985MHz Ant1 Emission



Tx. Spurious NVNT ax80 5985MHz Ant2 Emission



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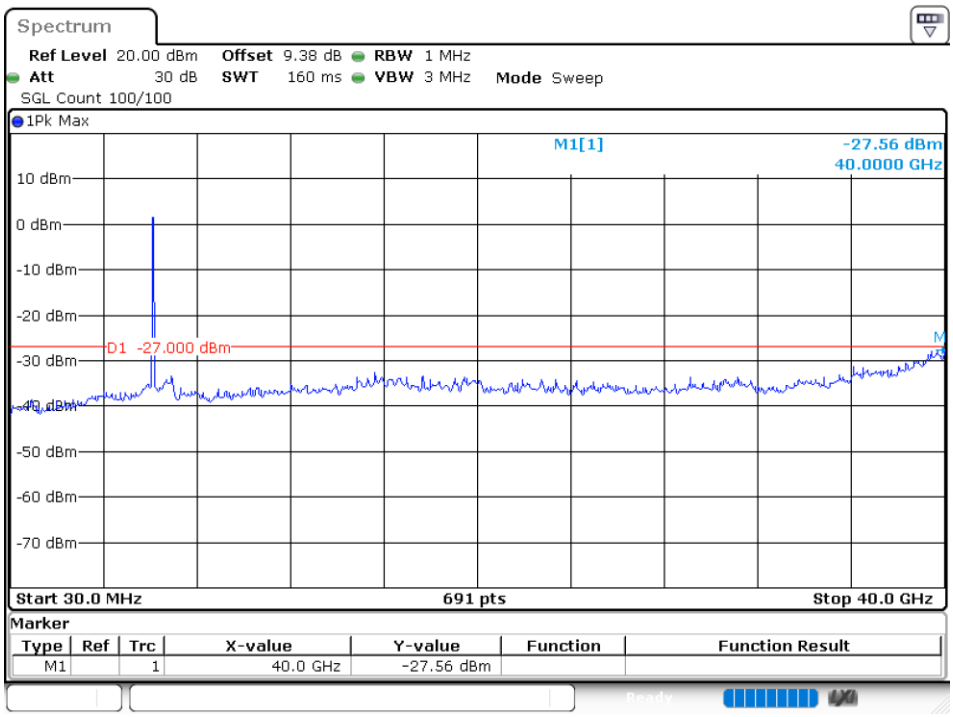

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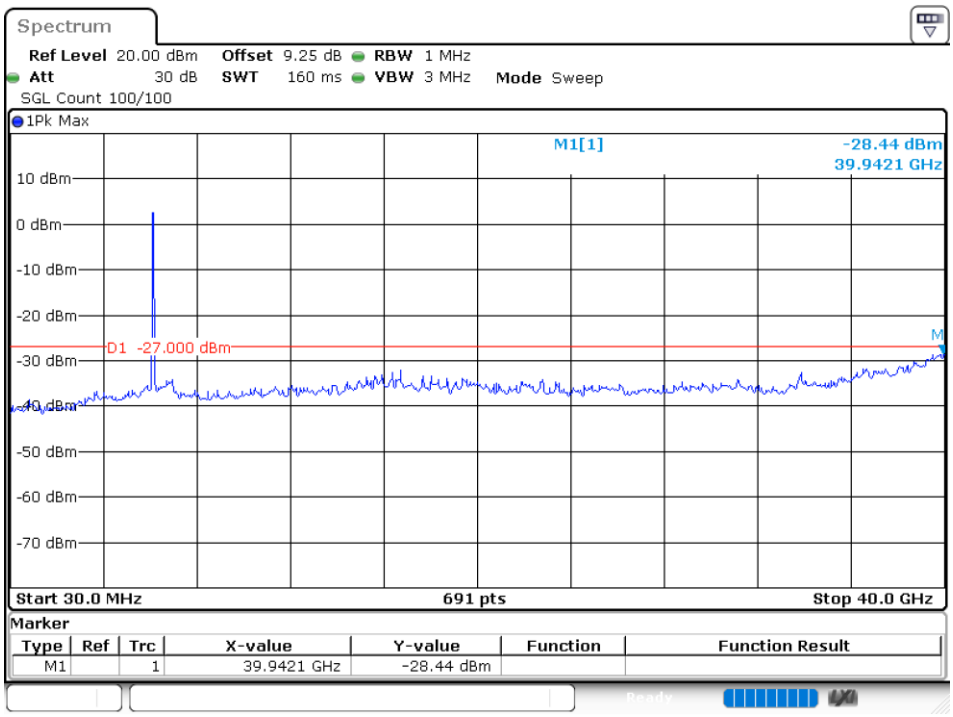

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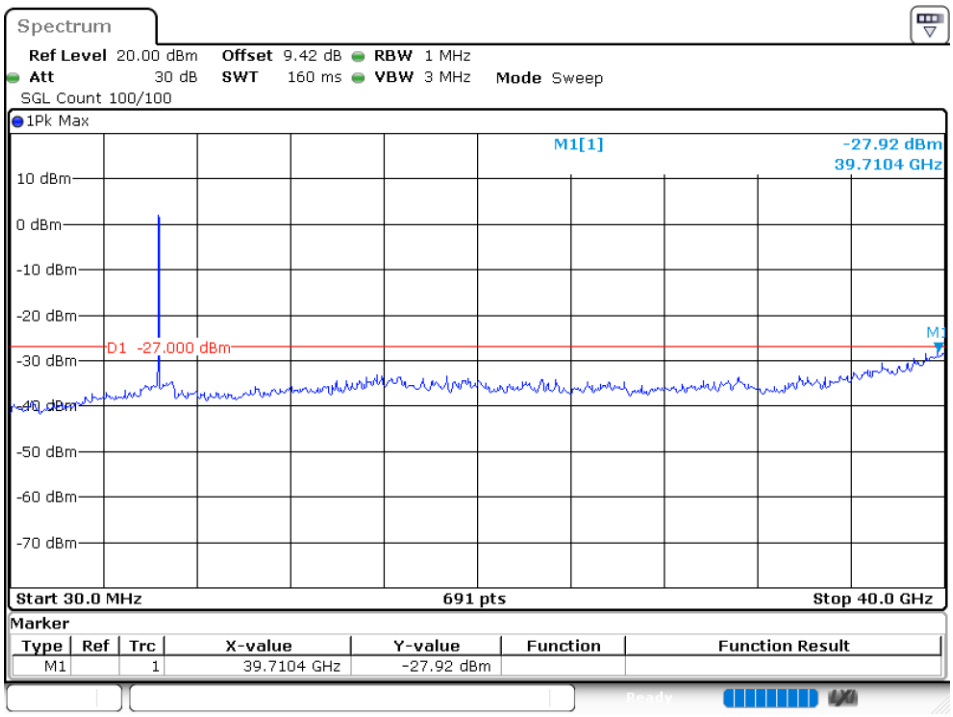
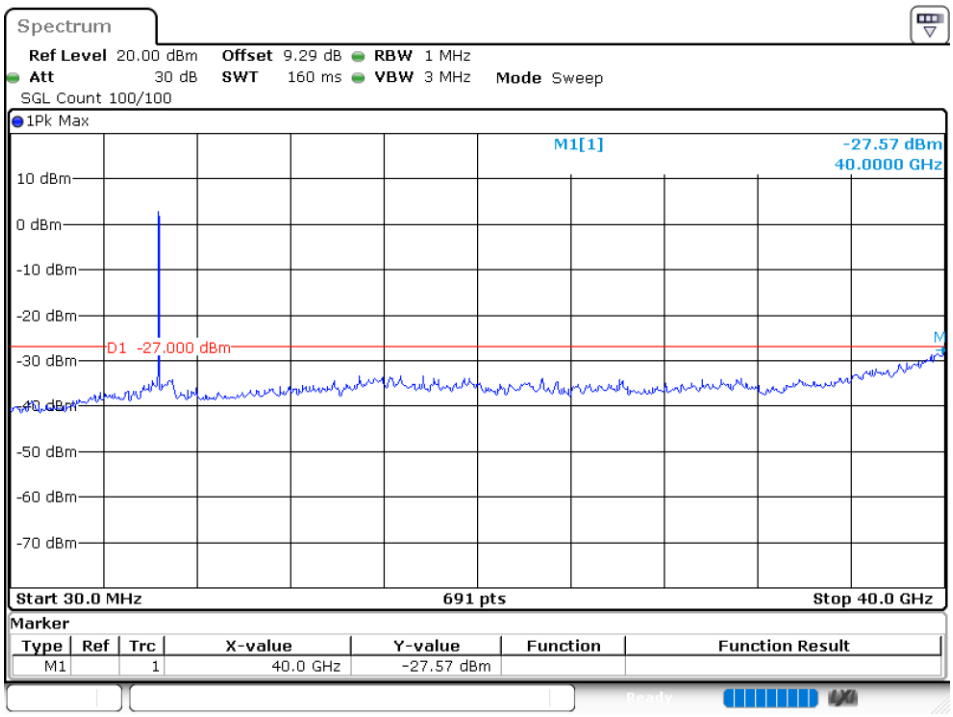
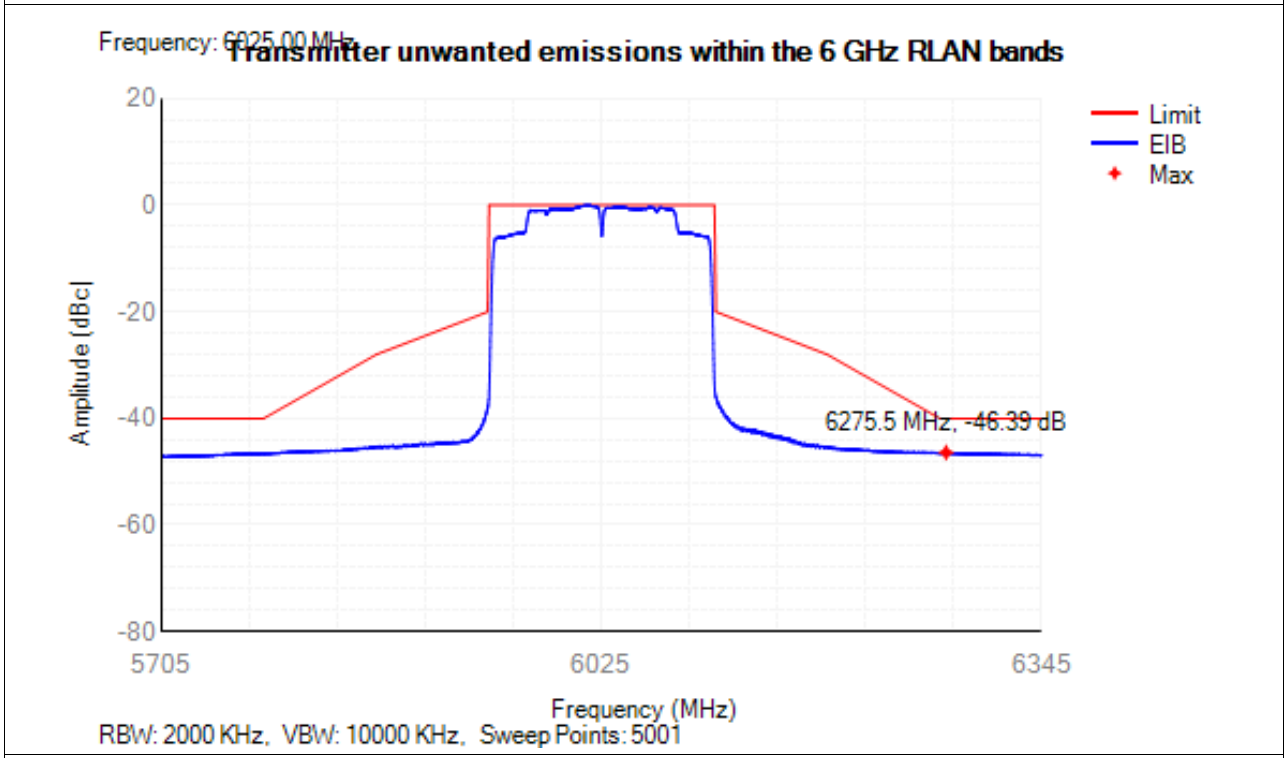
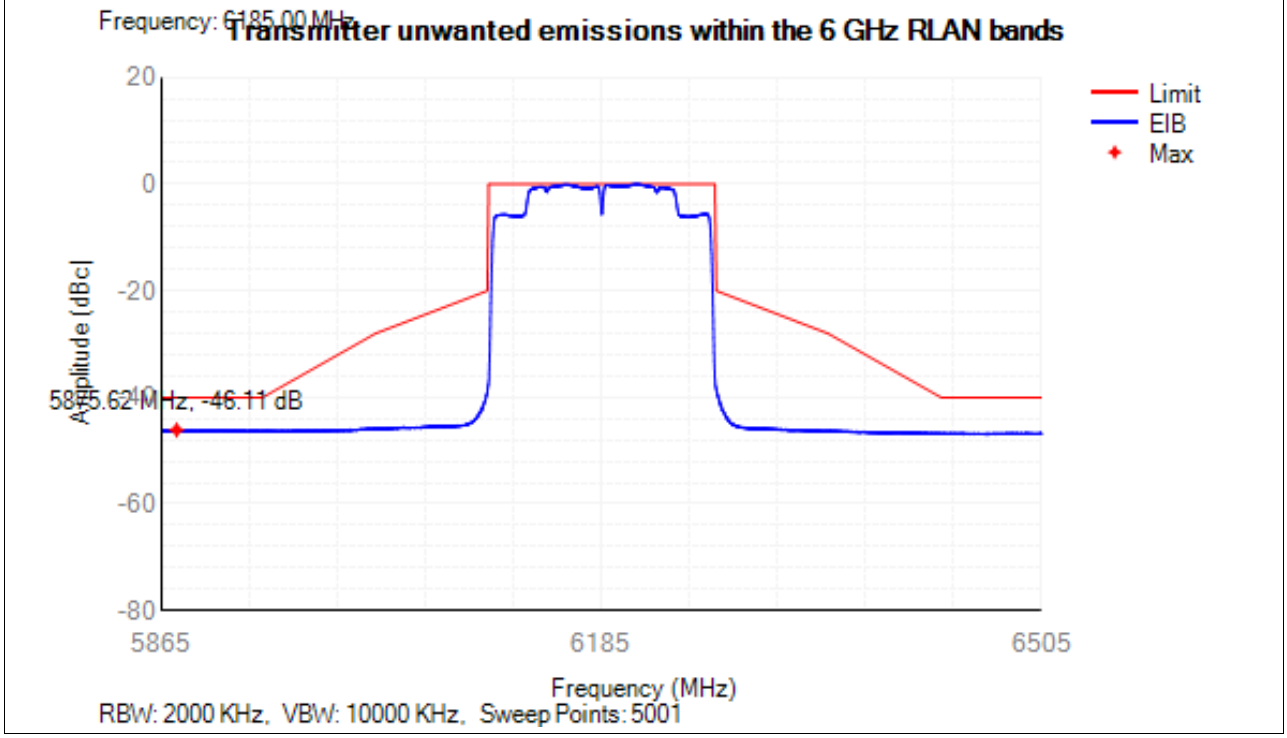


Tx. Spurious NVNT ax80 6385MHz Ant2 Emission

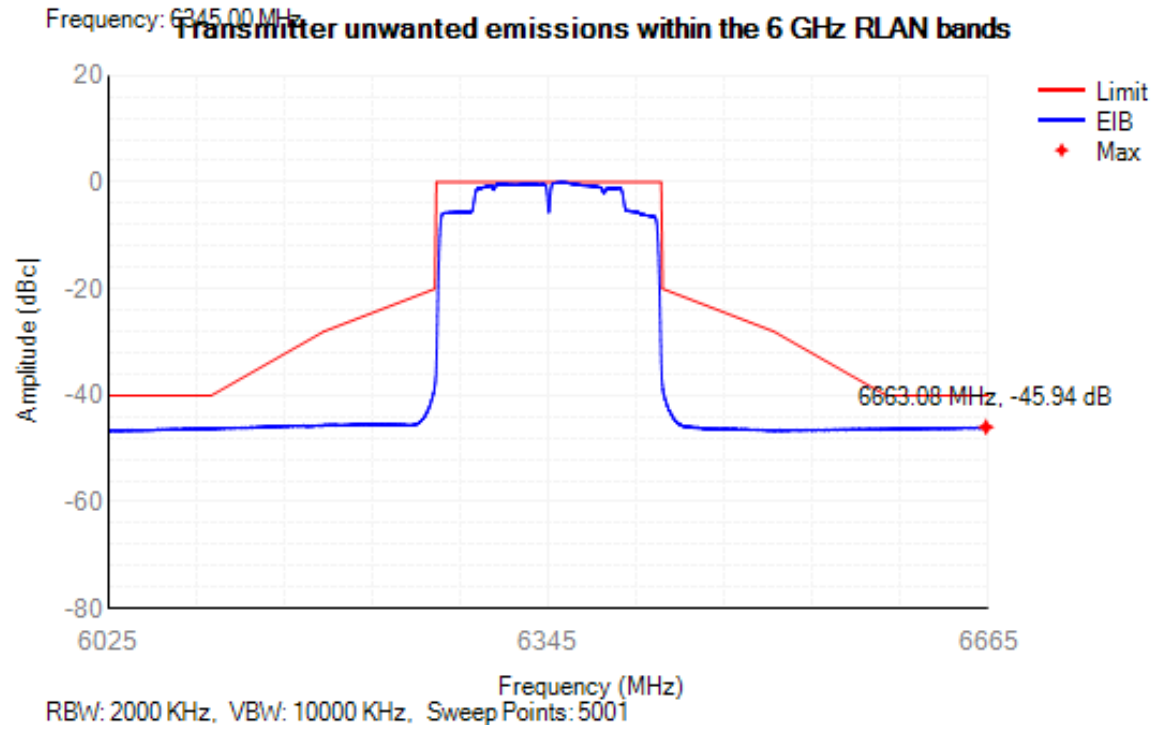


Power spectral mask

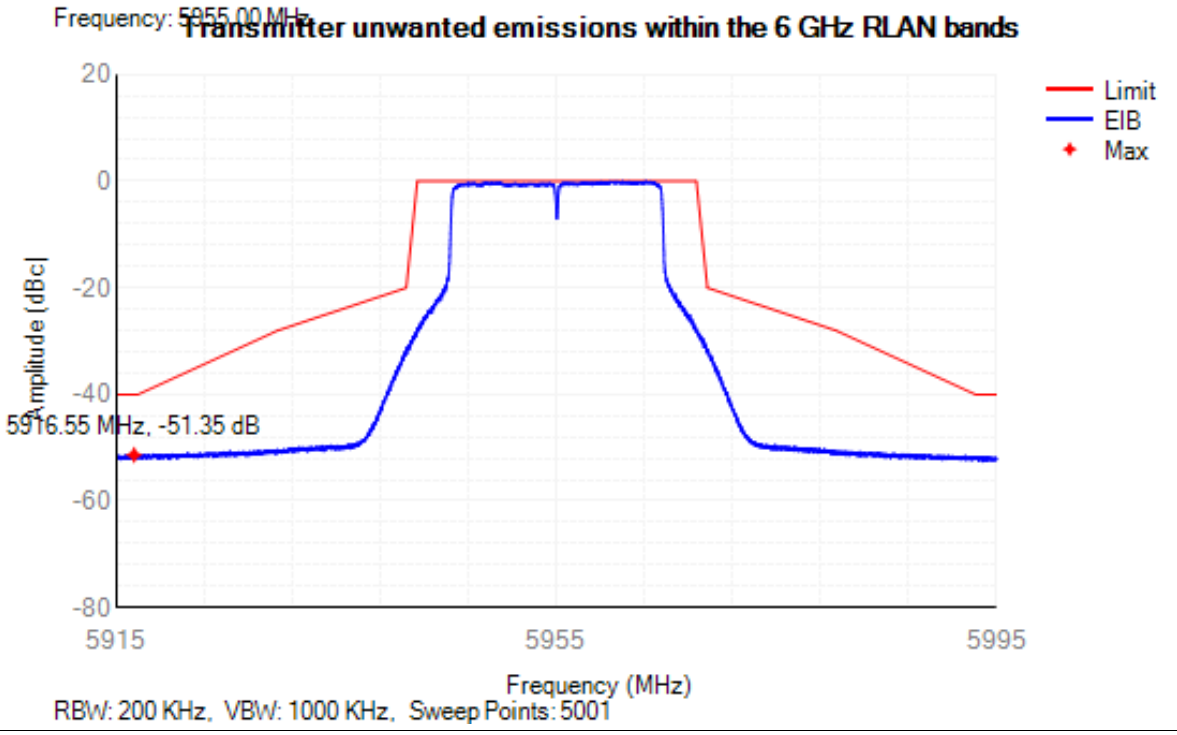
Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6025	Sum	Band1	6275.5	-46.39	-40	Pass
NVNT	ax160	6185	Sum	Band1	5875.62	-46.11	-40	Pass
NVNT	ax160	6345	Sum	Band1	6663.08	-45.94	-40	Pass
NVNT	ax20	5955	Sum	Band1	5916.55	-51.35	-40	Pass
NVNT	ax20	6175	Sum	Band1	6136.52	-51.18	-40	Pass
NVNT	ax20	6415	Sum	Band1	6401.59	-29.92	-20.01	Pass
NVNT	ax40	5965	Sum	Band1	5894.57	-41.79	-40	Pass
NVNT	ax40	6165	Sum	Band1	6242.7	-41.37	-40	Pass
NVNT	ax40	6405	Sum	Band1	6329.32	-41.28	-40	Pass
NVNT	ax80	5985	Sum	Band1	6138.98	-48.33	-40	Pass
NVNT	ax80	6145	Sum	Band1	6274.09	-48.12	-40	Pass
NVNT	ax80	6385	Sum	Band1	6342.31	-27.36	-20.01	Pass

Test Graphs
Power spectral mask NVNT ax160 6025MHz

Power spectral mask NVNT ax160 6185MHz


Power spectral mask NVNT ax160 6345MHz



Power spectral mask NVNT ax20 5955MHz



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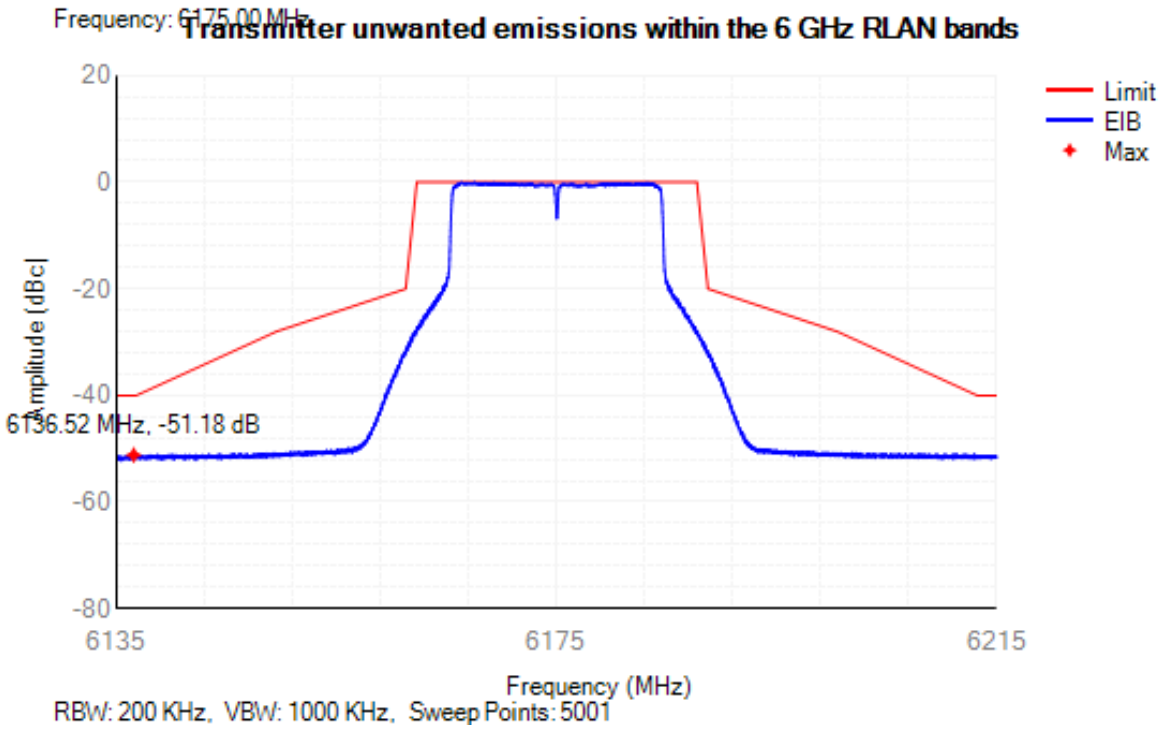
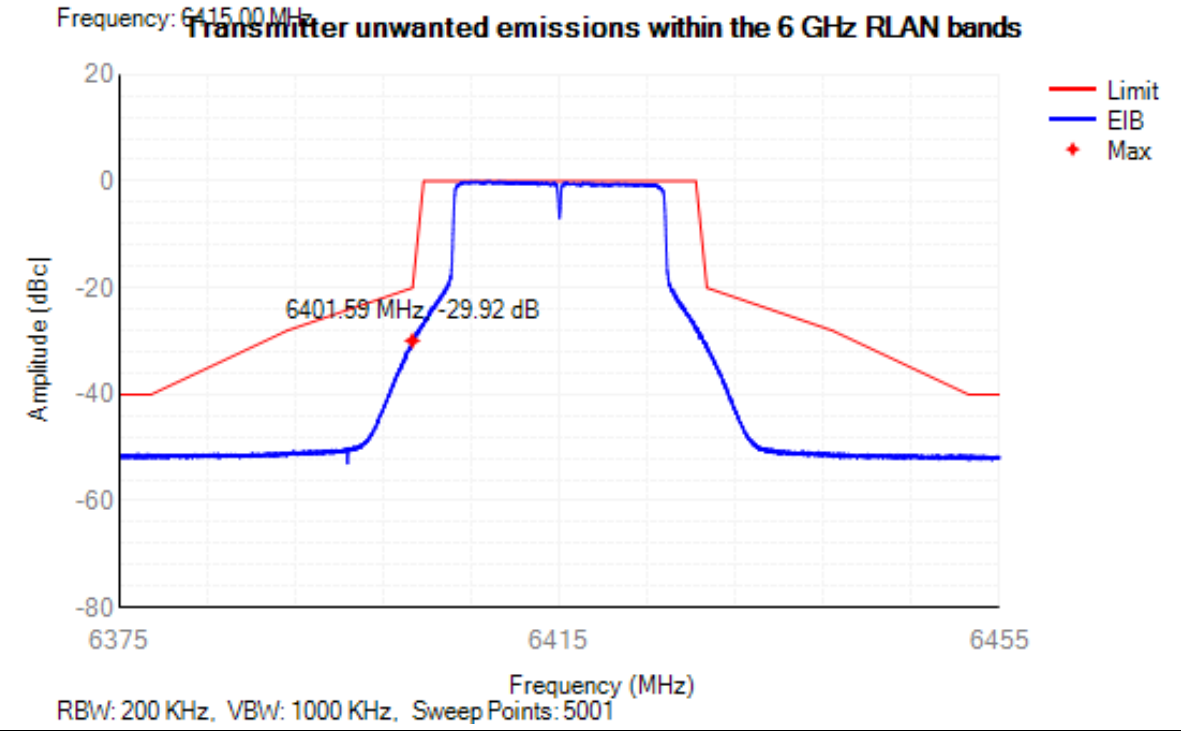
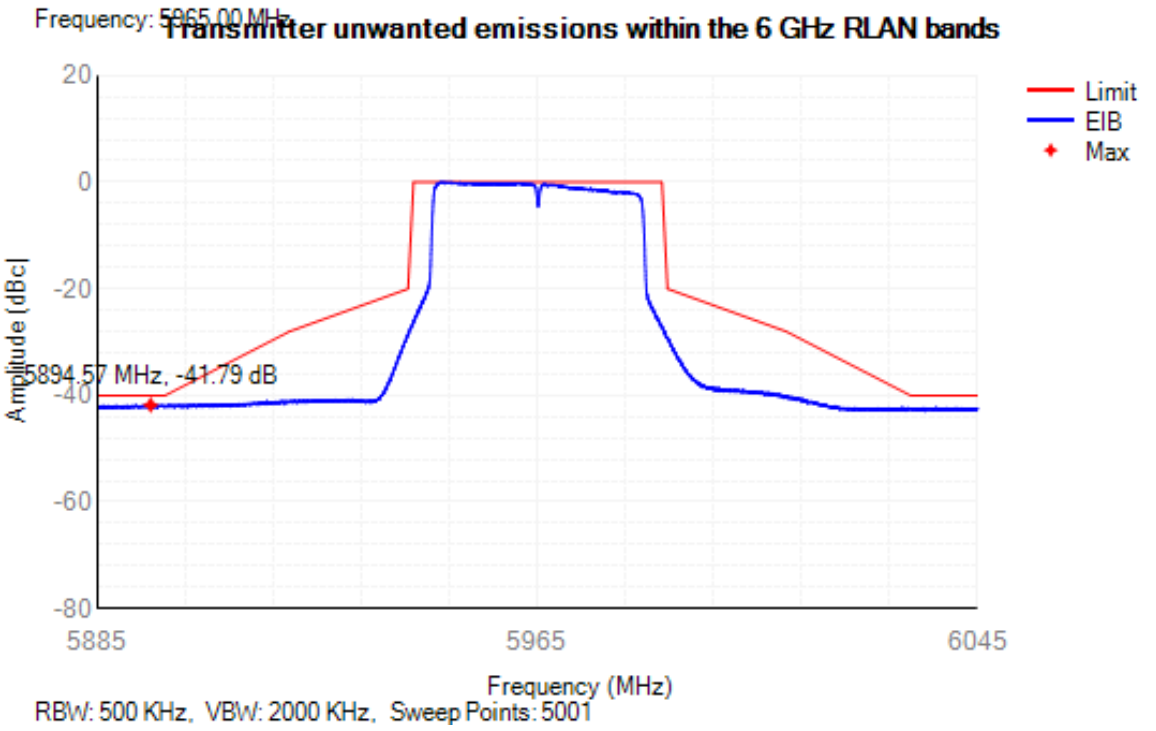


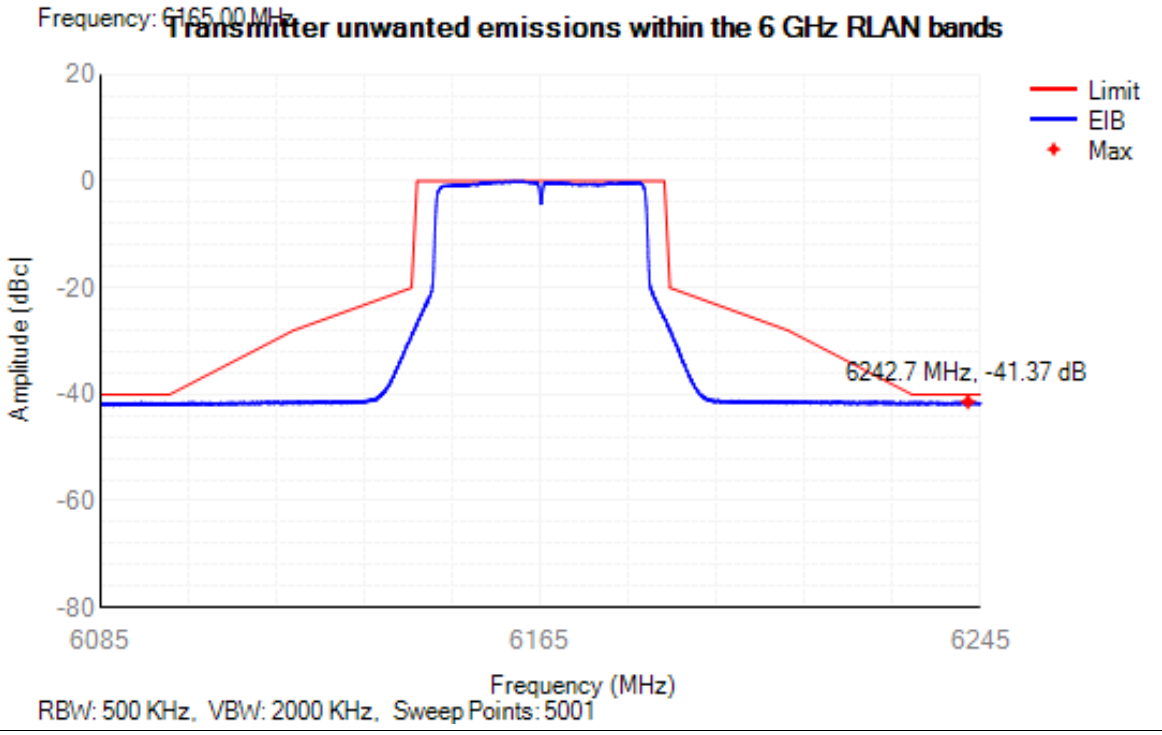
Power spectral mask NVNT ax20 6415MHz



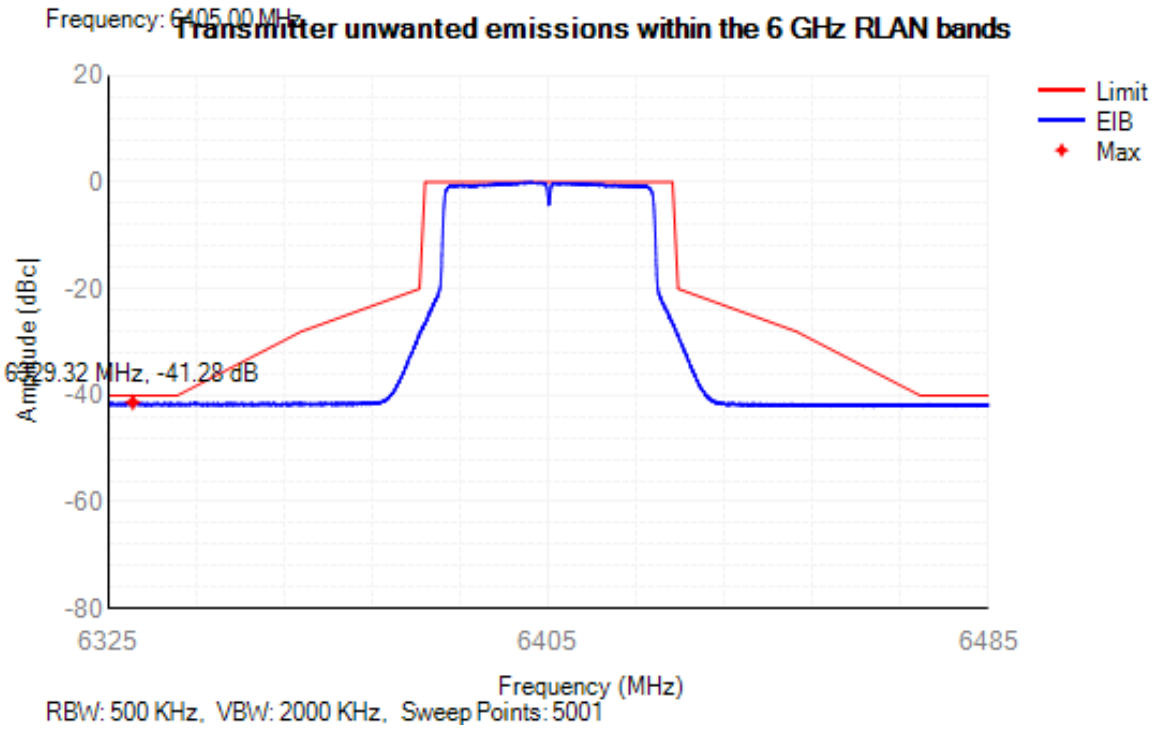
Power spectral mask NVNT ax40 5965MHz



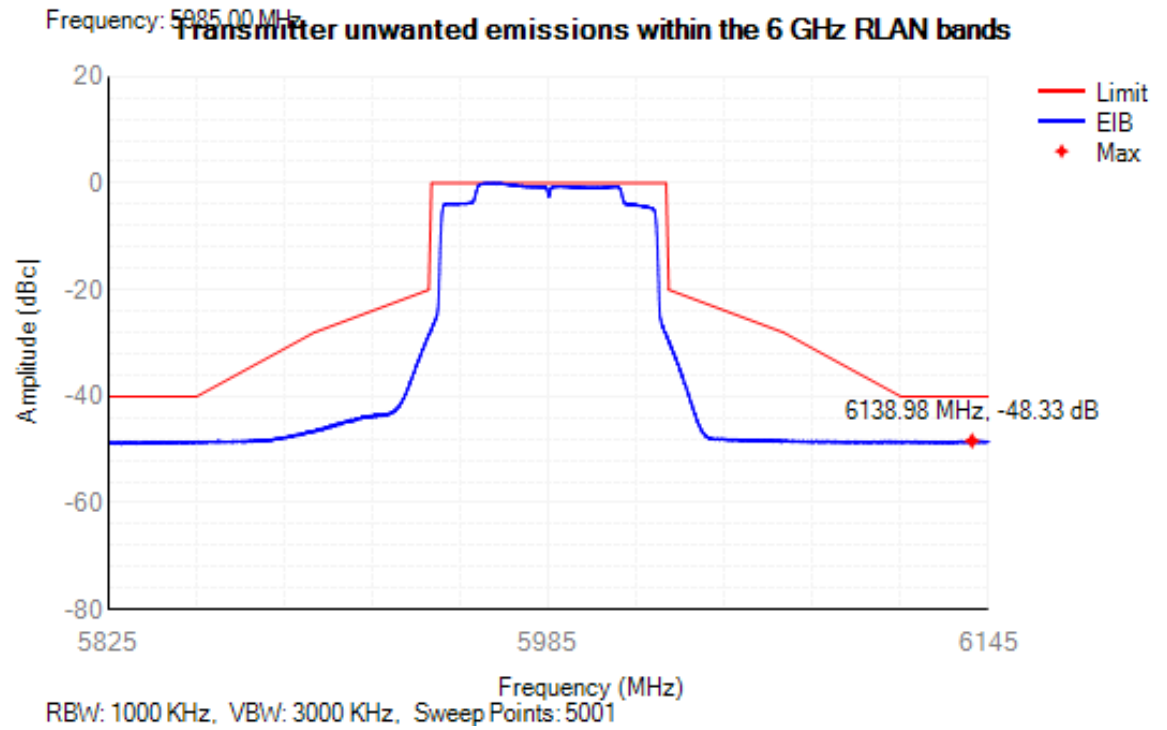
Power spectral mask NVNT ax40 6165MHz



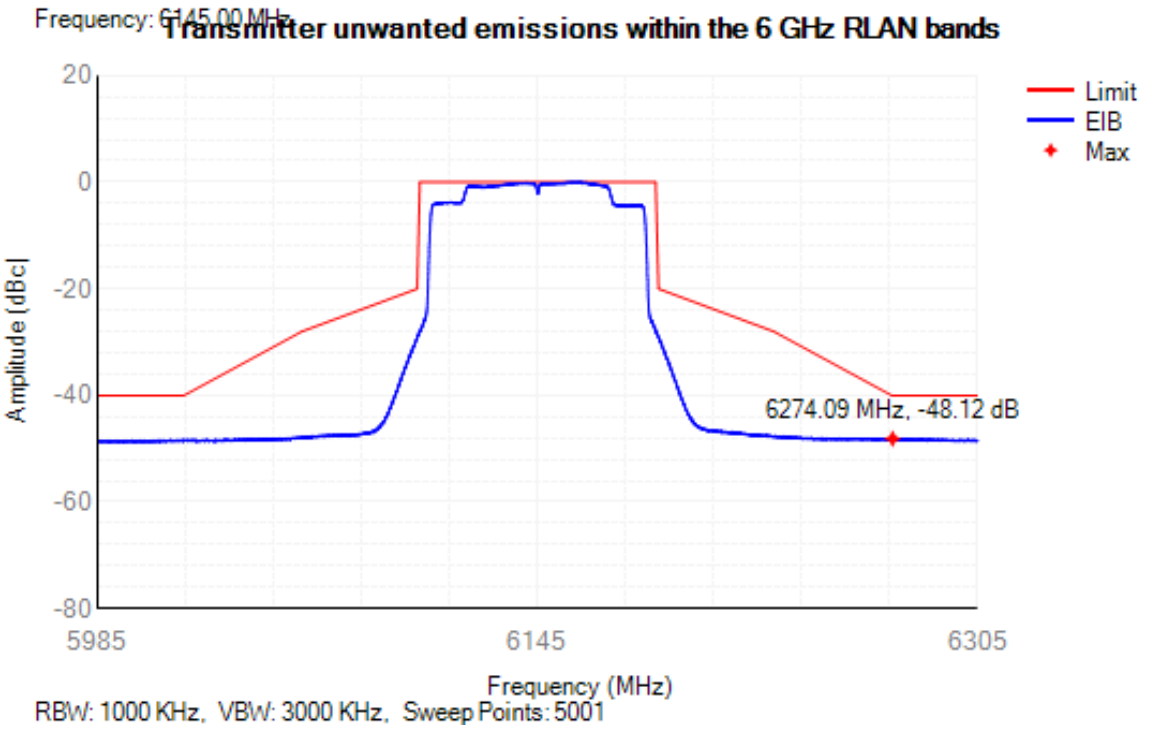
Power spectral mask NVNT ax40 6405MHz



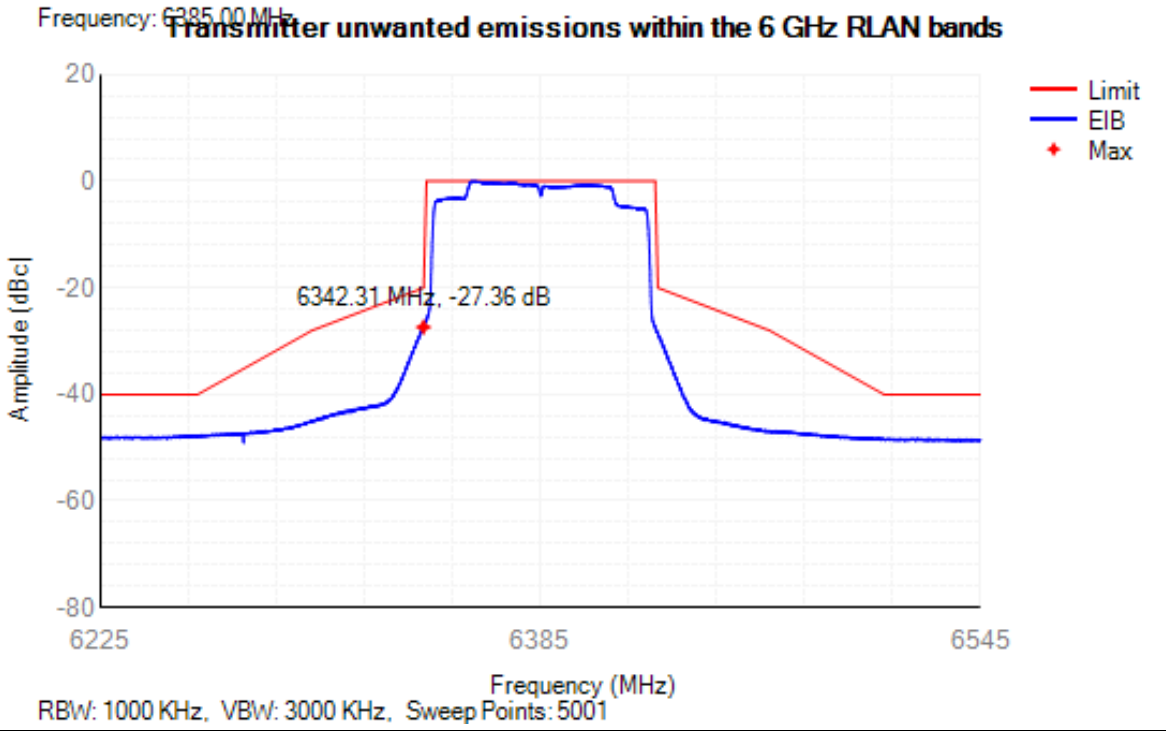
Power spectral mask NVNT ax80 5985MHz



Power spectral mask NVNT ax80 6145MHz



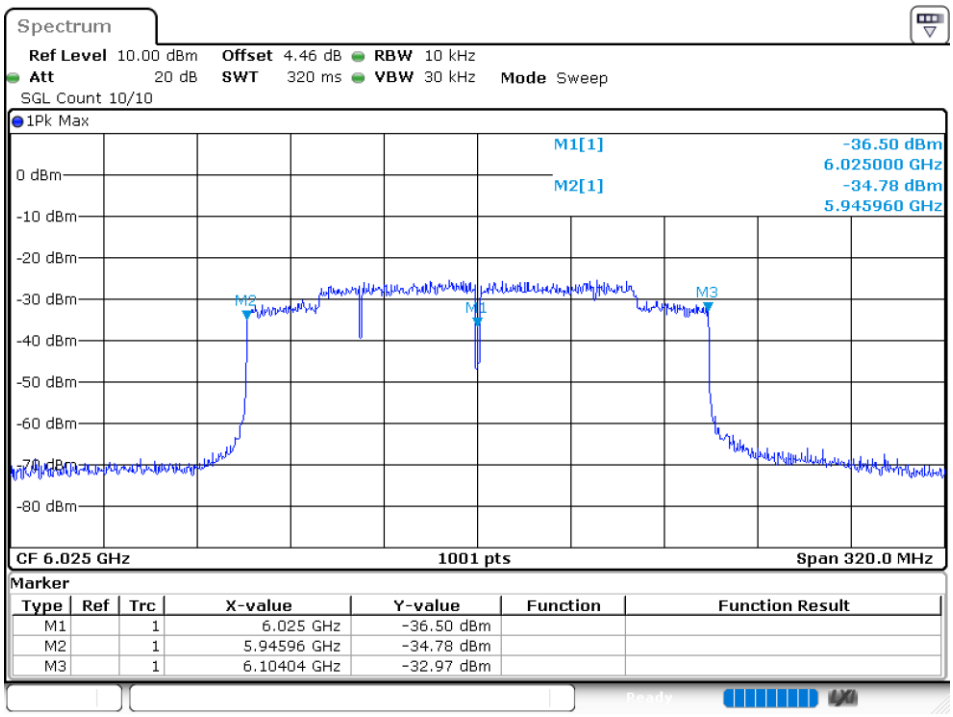
Power spectral mask NVNT ax80 6385MHz



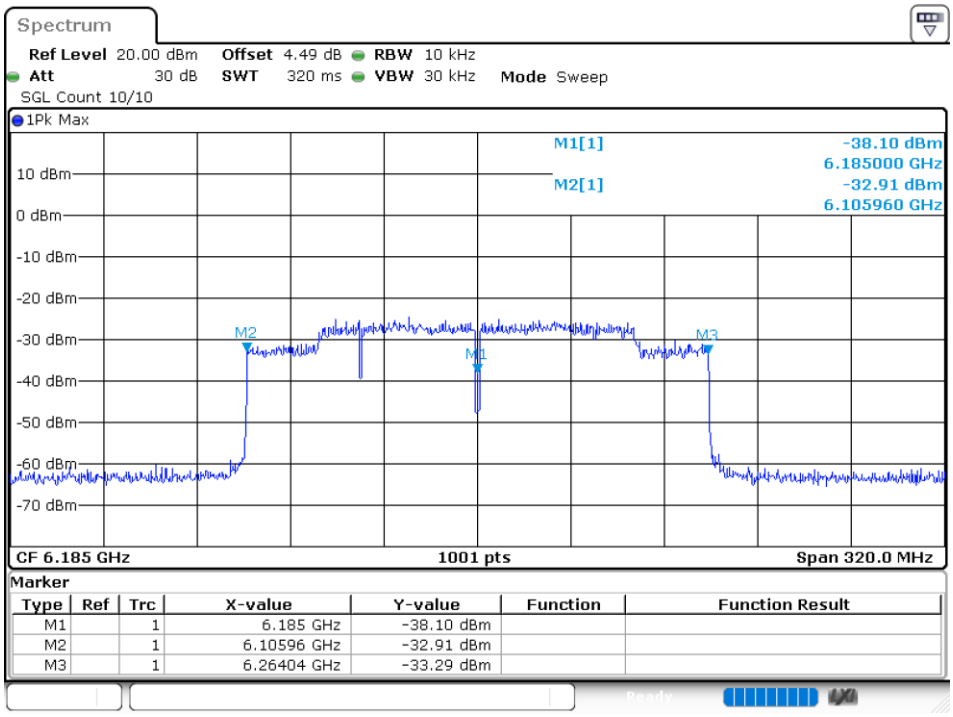
Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6025	Ant1	6025	0	0	25	Pass
NVNT	ax160	0	6185	Ant1	6185	0	0	25	Pass
NVNT	ax160	0	6345	Ant1	6345	0	0	25	Pass
NVNT	ax20	0	5955	Ant1	5955.02	20000	3.36	25	Pass
NVNT	ax20	0	6175	Ant1	6175	0	0	25	Pass
NVNT	ax20	0	6415	Ant1	6414.98	-20000	-3.12	25	Pass
NVNT	ax40	0	5965	Ant1	5965.08	80000	13.41	25	Pass
NVNT	ax40	0	6165	Ant1	6165.08	80000	12.98	25	Pass
NVNT	ax40	0	6405	Ant1	6405	0	0	25	Pass
NVNT	ax80	0	5985	Ant1	5985.08	80000	13.37	25	Pass
NVNT	ax80	0	6145	Ant1	6145.08	80000	13.02	25	Pass
NVNT	ax80	0	6385	Ant1	6385.08	80000	12.53	25	Pass

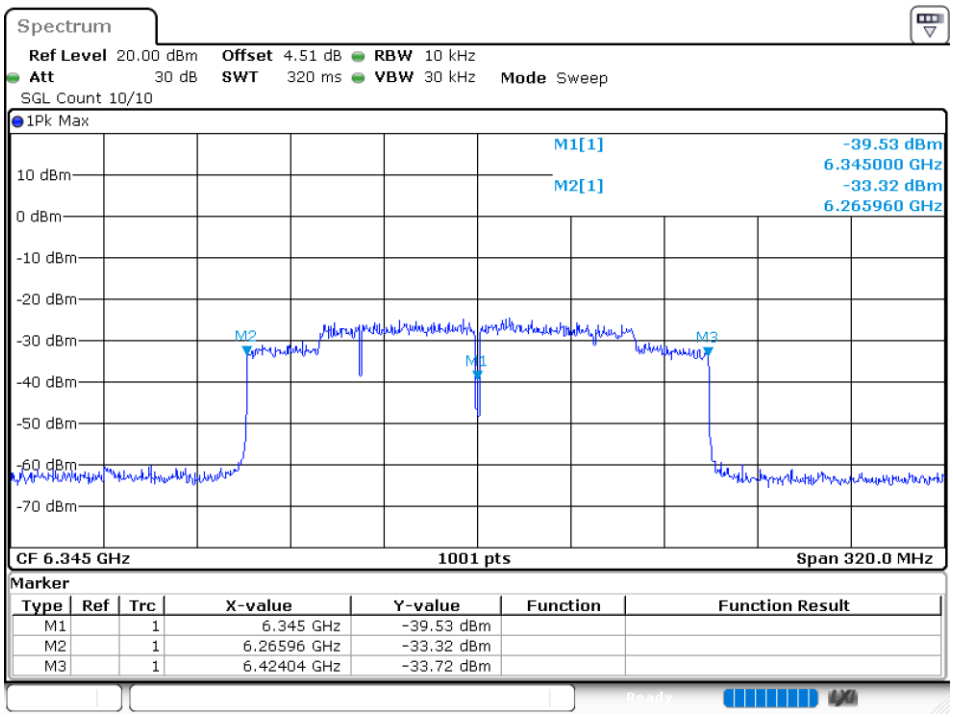
Test Graphs
Freq. Stability NVNT ax160 6025MHz Ant1 0 Minutes



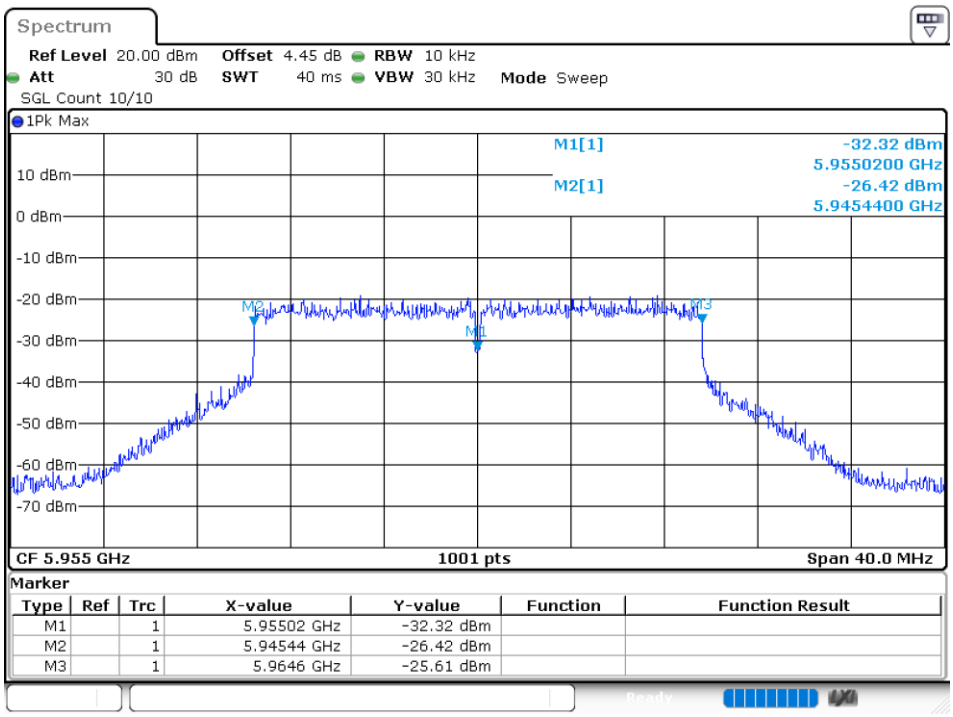
Freq. Stability NVNT ax160 6185MHz Ant1 0 Minutes



Freq. Stability NVNT ax160 6345MHz Ant1 0 Minutes



Freq. Stability NVNT ax20 5955MHz Ant1 0 Minutes



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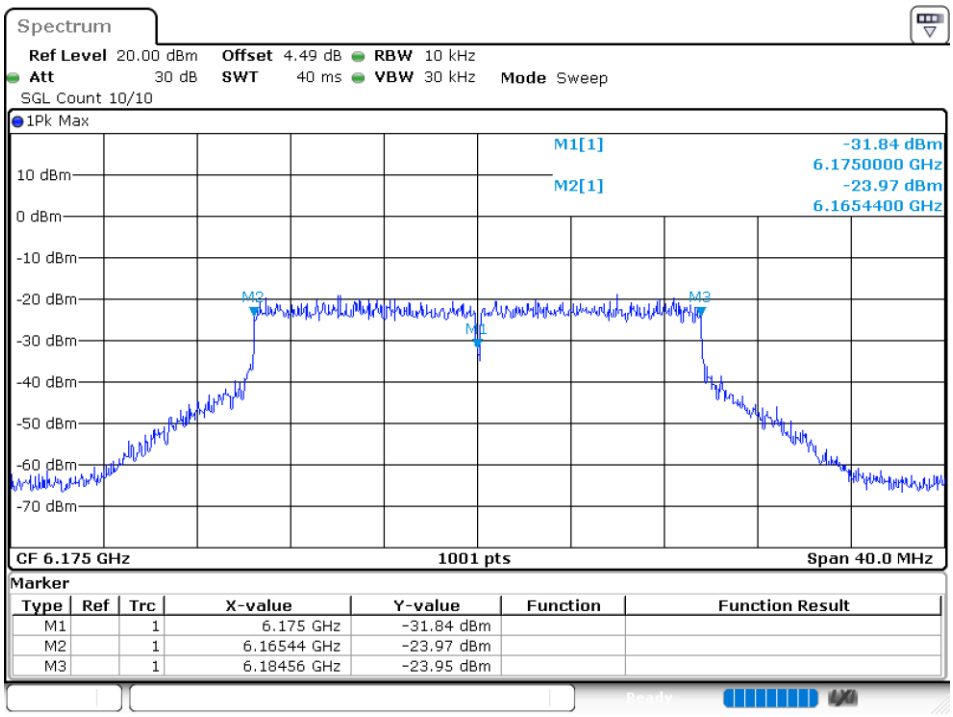

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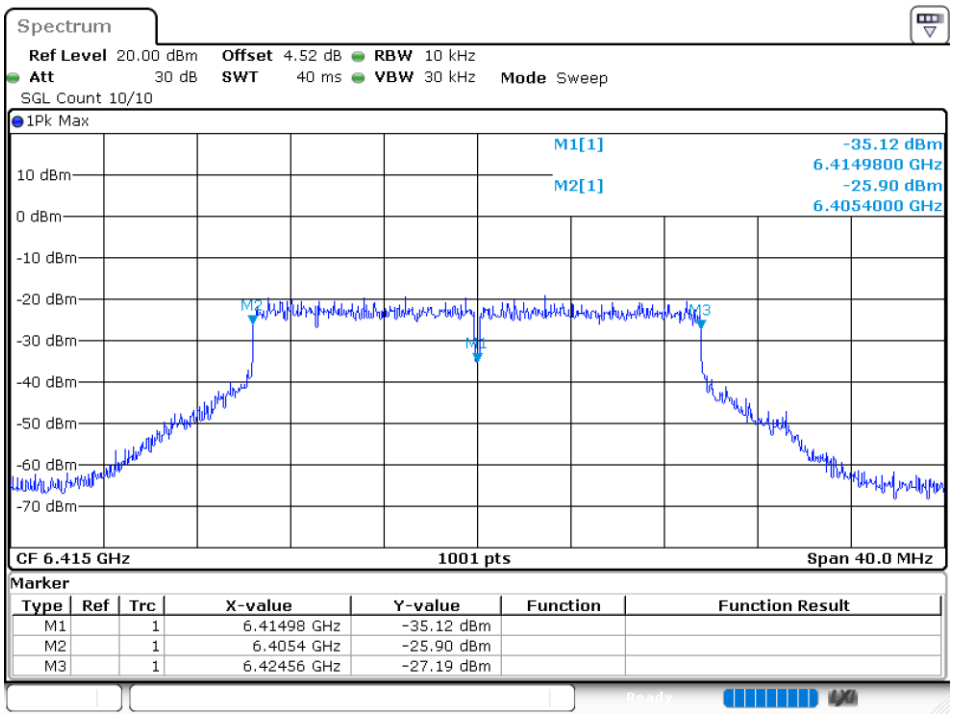
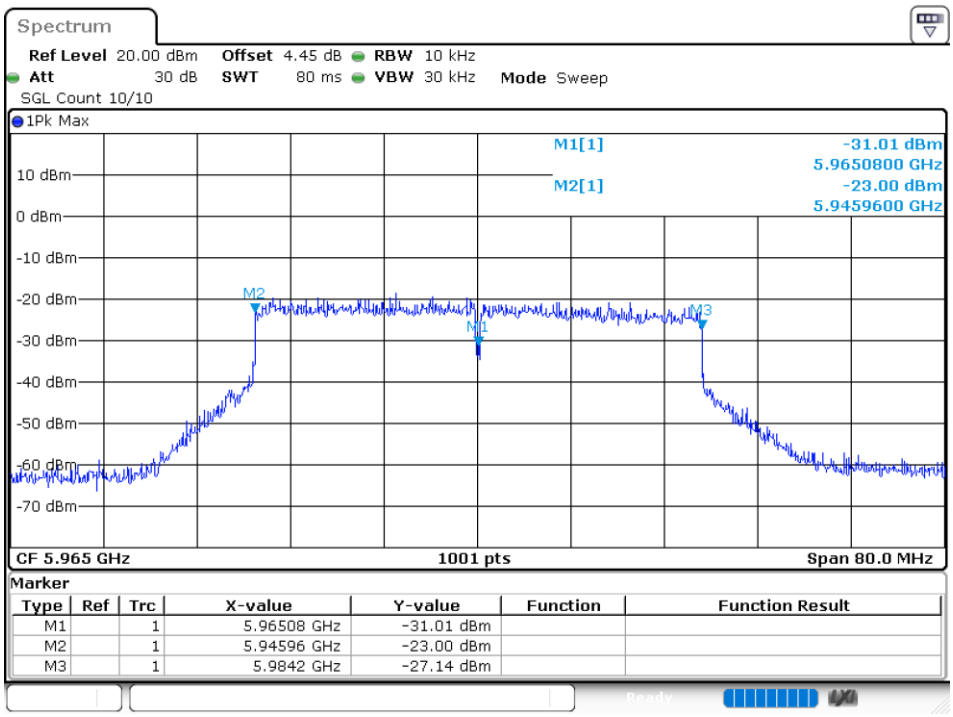
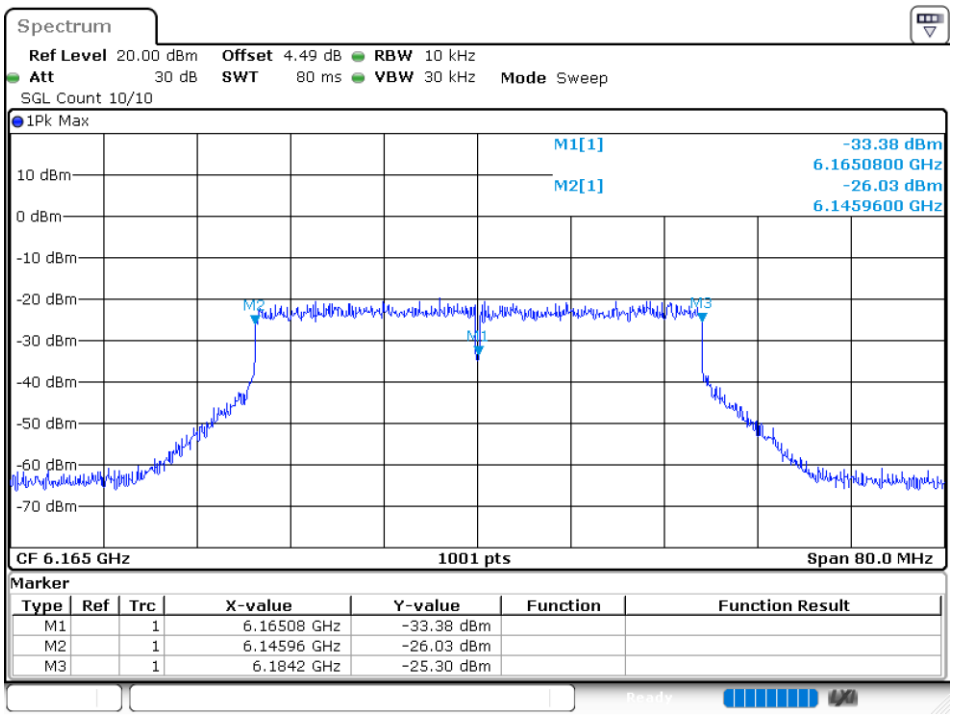


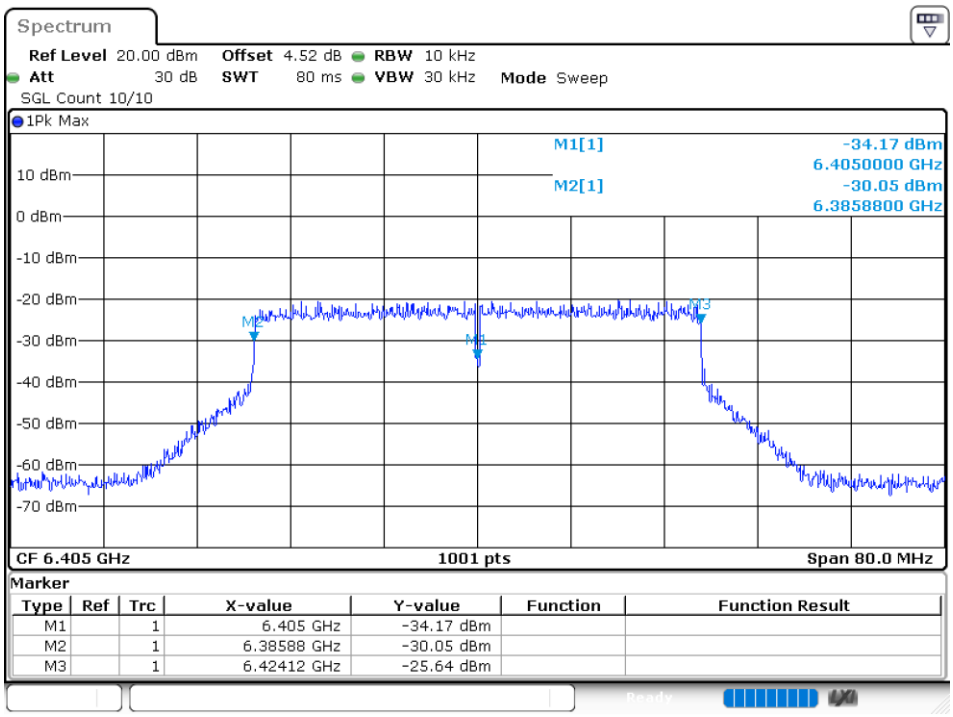
Freq. Stability NVNT ax40 5965MHz Ant1 0 Minutes



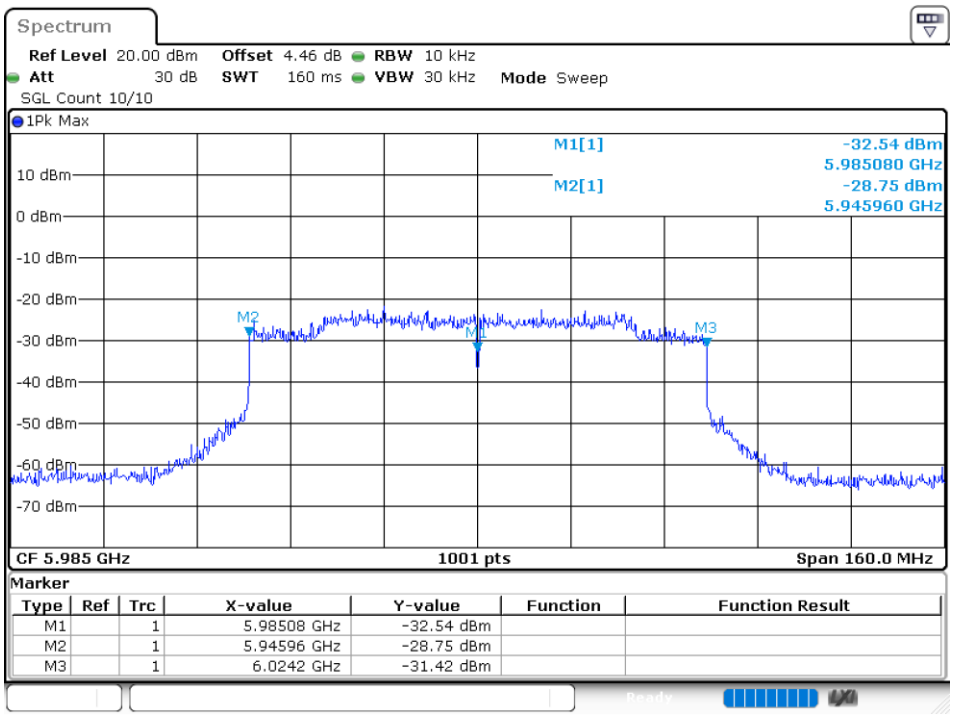
Freq. Stability NVNT ax40 6165MHz Ant1 0 Minutes



Freq. Stability NVNT ax40 6405MHz Ant1 0 Minutes



Freq. Stability NVNT ax80 5985MHz Ant1 0 Minutes



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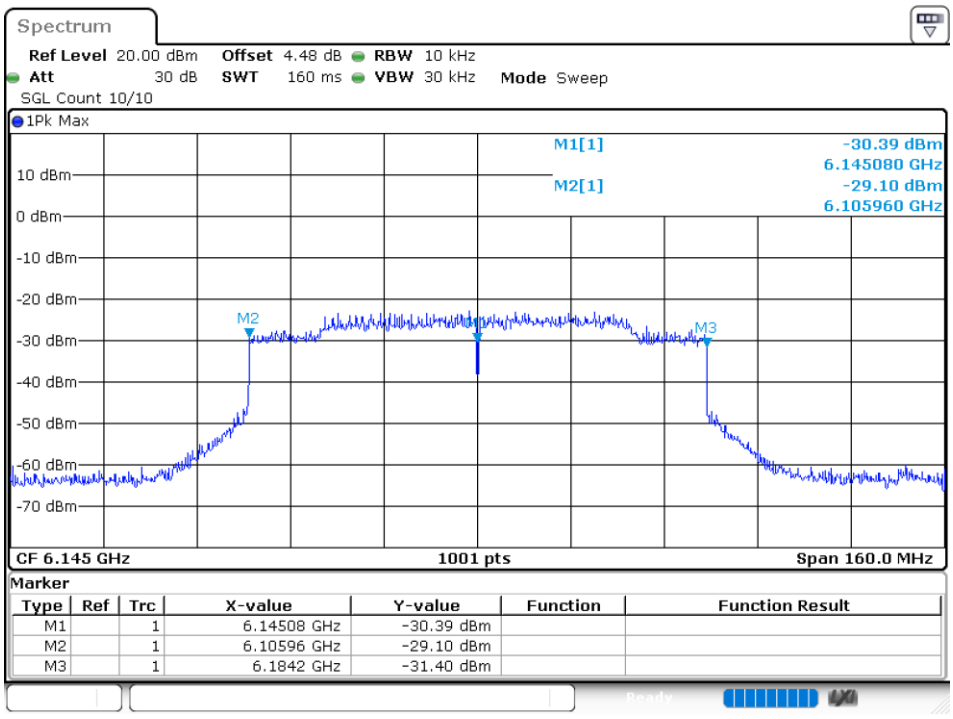

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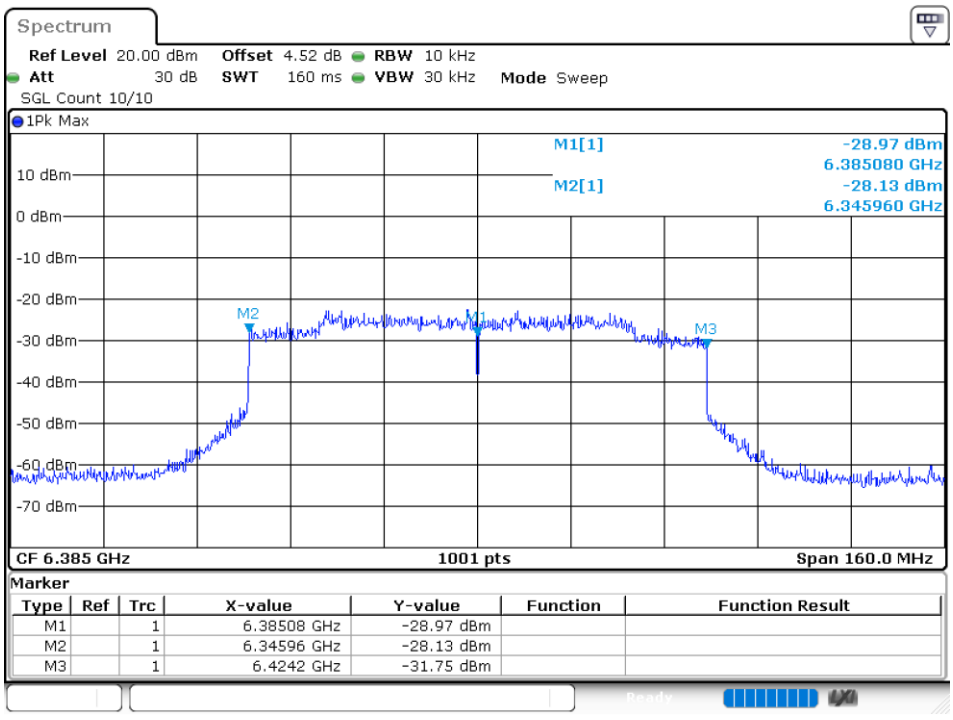
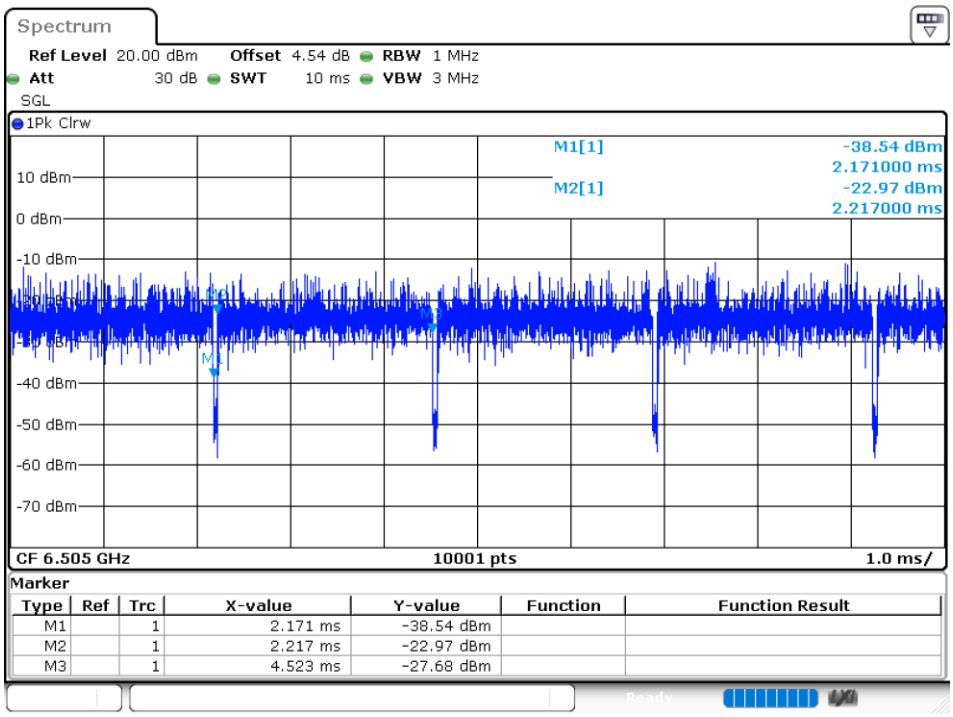


6.5G WIFI

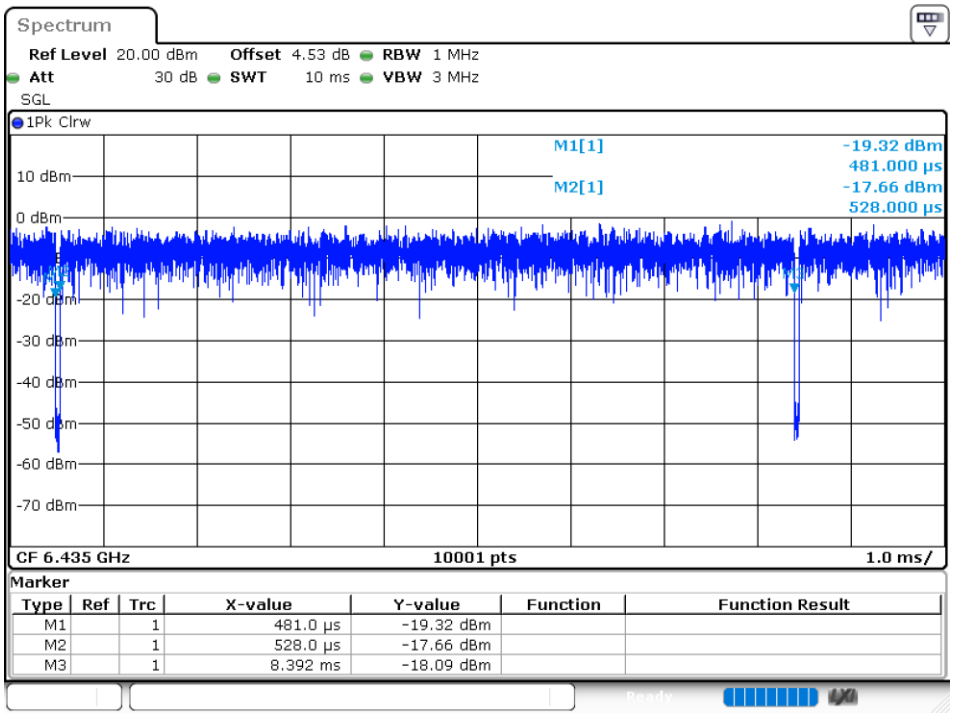
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6505	Sum	98.04	0	0.43
NVNT	ax20	6435	Sum	99.41	0	0.13
NVNT	ax20	6475	Sum	98.83	0	0.25
NVNT	ax20	6515	Sum	99.52	0	0
NVNT	ax40	6445	Sum	99.66	0	1.7
NVNT	ax40	6485	Sum	99.95	0	0.23
NVNT	ax40	6525	Sum	99.85	0	0.76
NVNT	ax80	6465	Sum	98.81	0	0.25

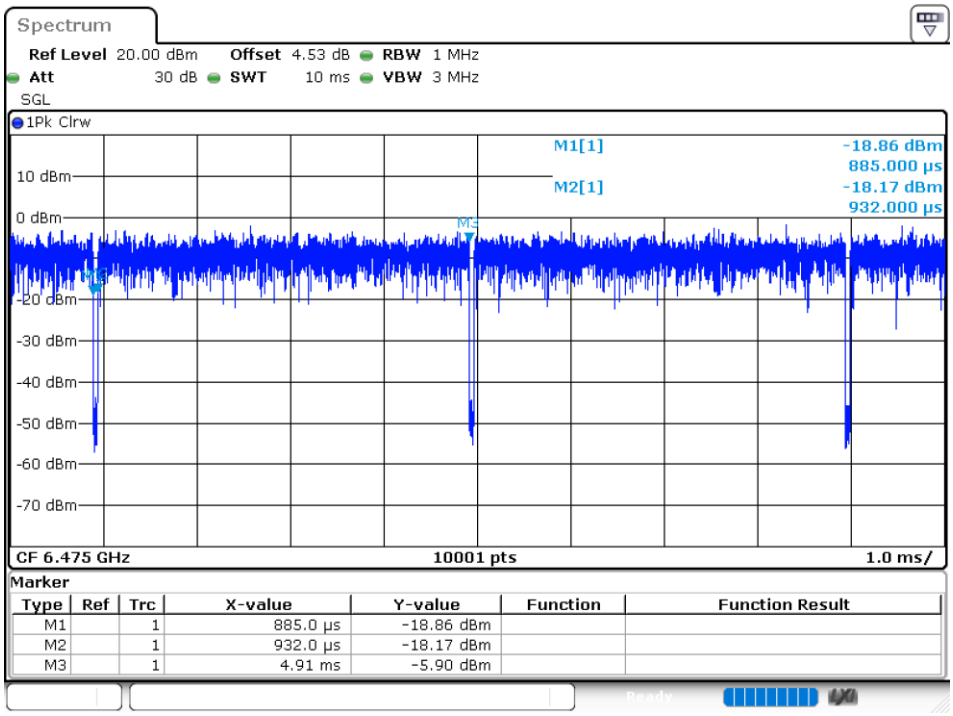
Test Graphs
Duty Cycle NVNT ax160 6505MHz Sum



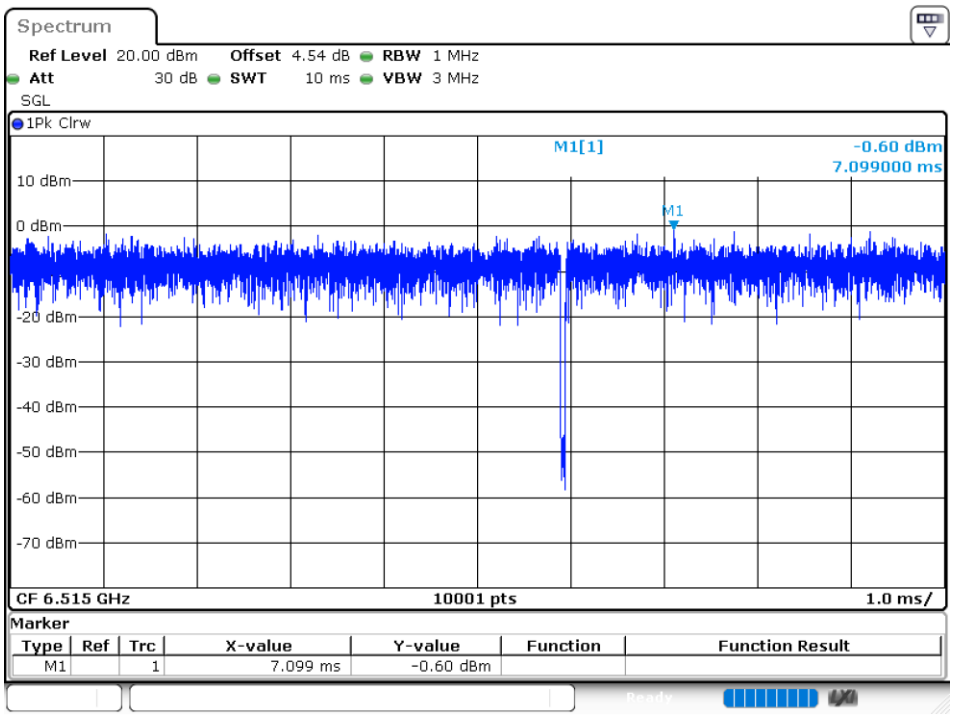
Duty Cycle NVNT ax20 6435MHz Sum



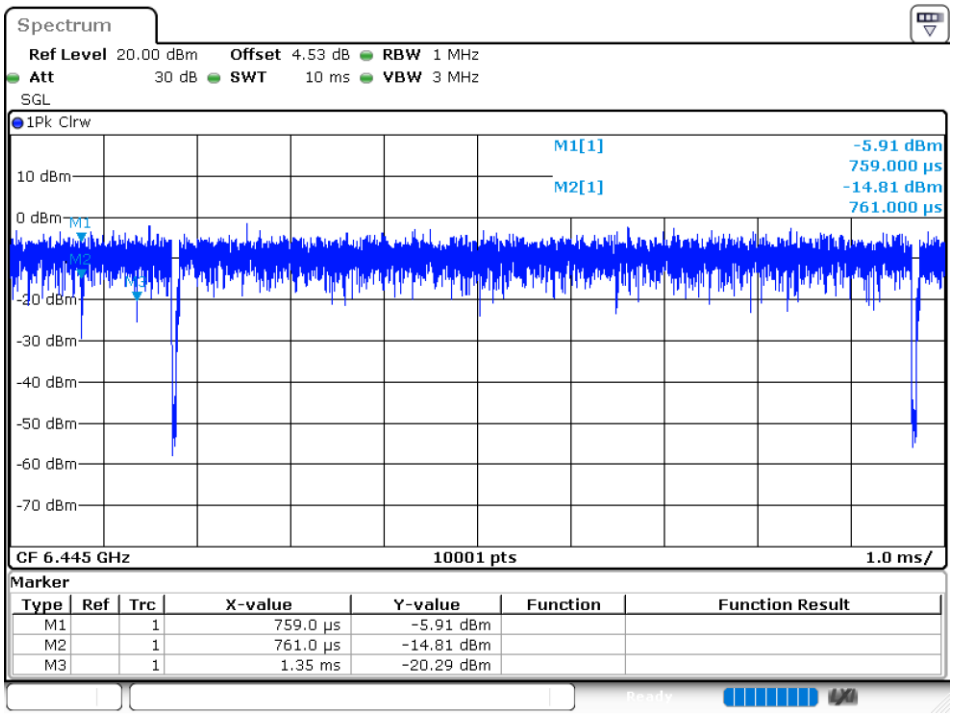
Duty Cycle NVNT ax20 6475MHz Sum



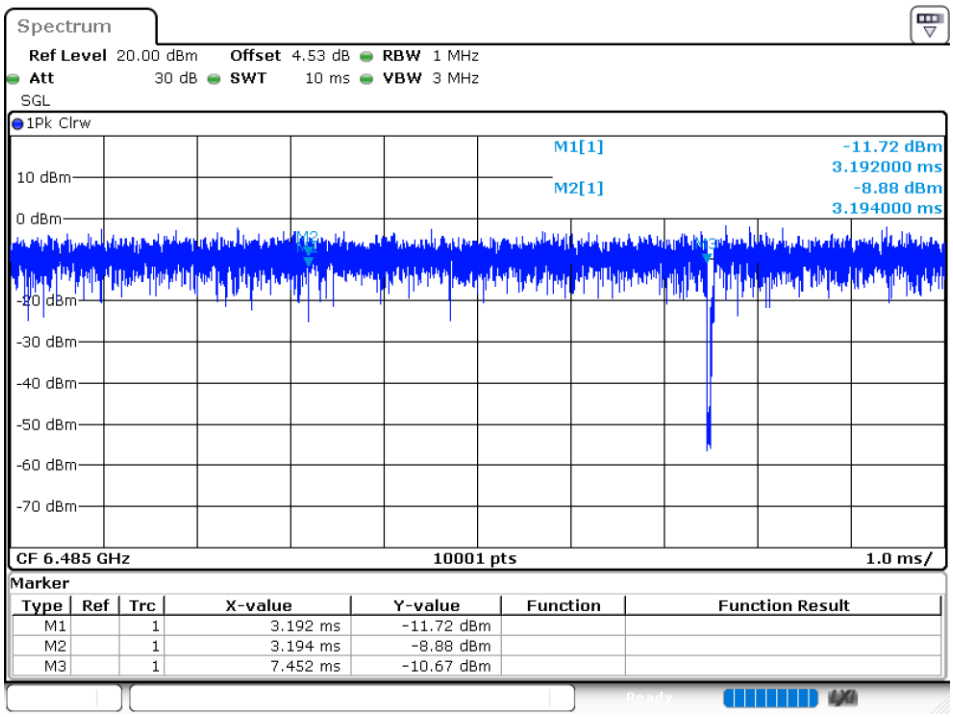
Duty Cycle NVNT ax20 6515MHz Sum



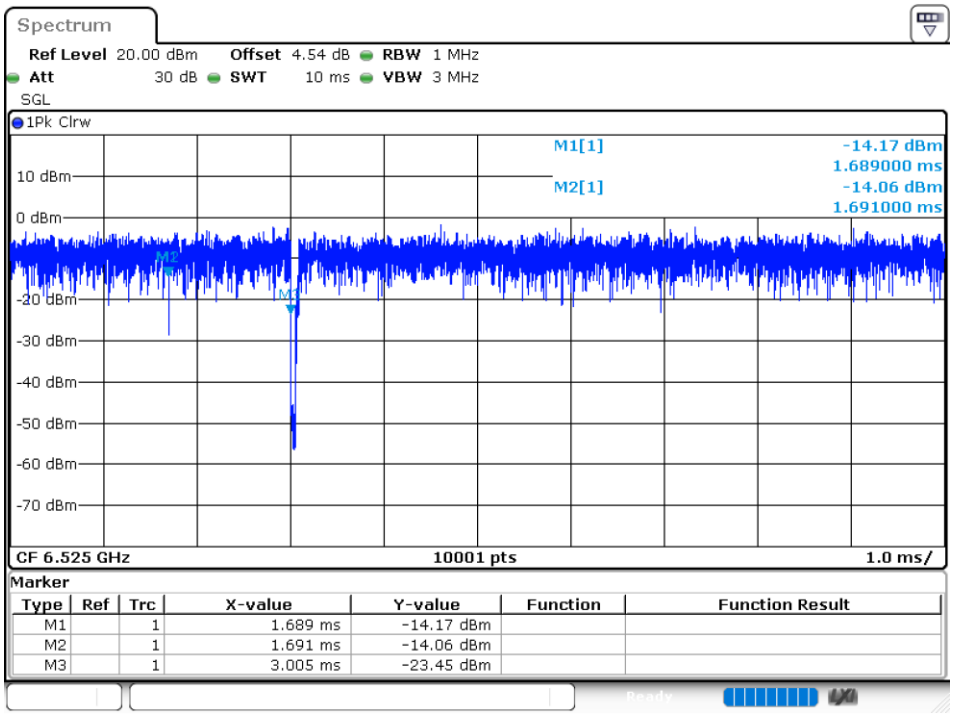
Duty Cycle NVNT ax40 6445MHz Sum



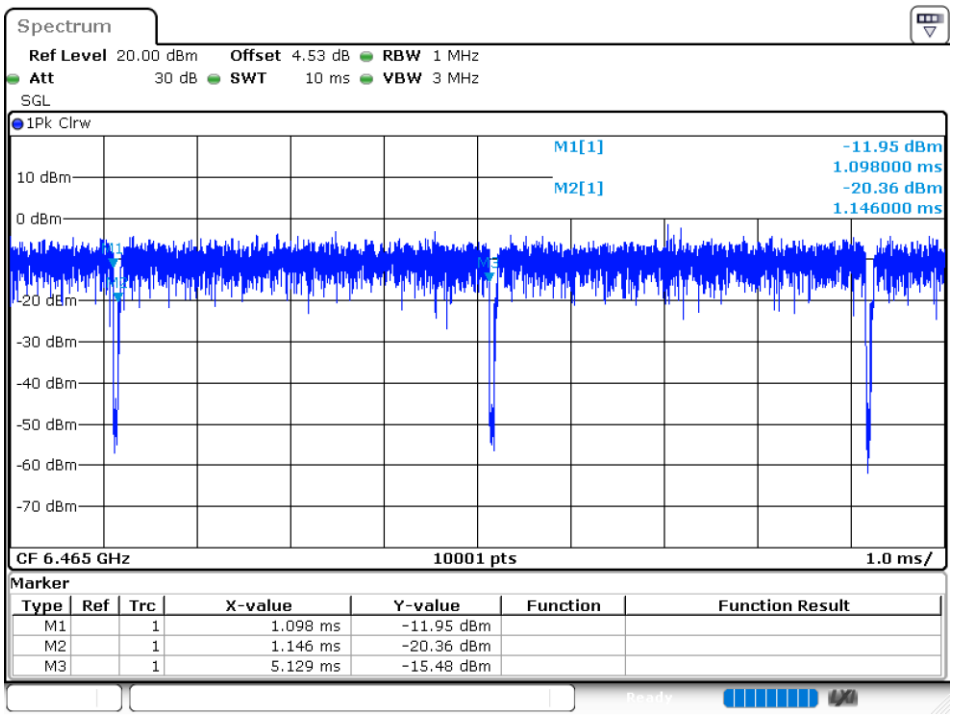
Duty Cycle NVNT ax40 6485MHz Sum



Duty Cycle NVNT ax40 6525MHz Sum



Duty Cycle NVNT ax80 6465MHz Sum



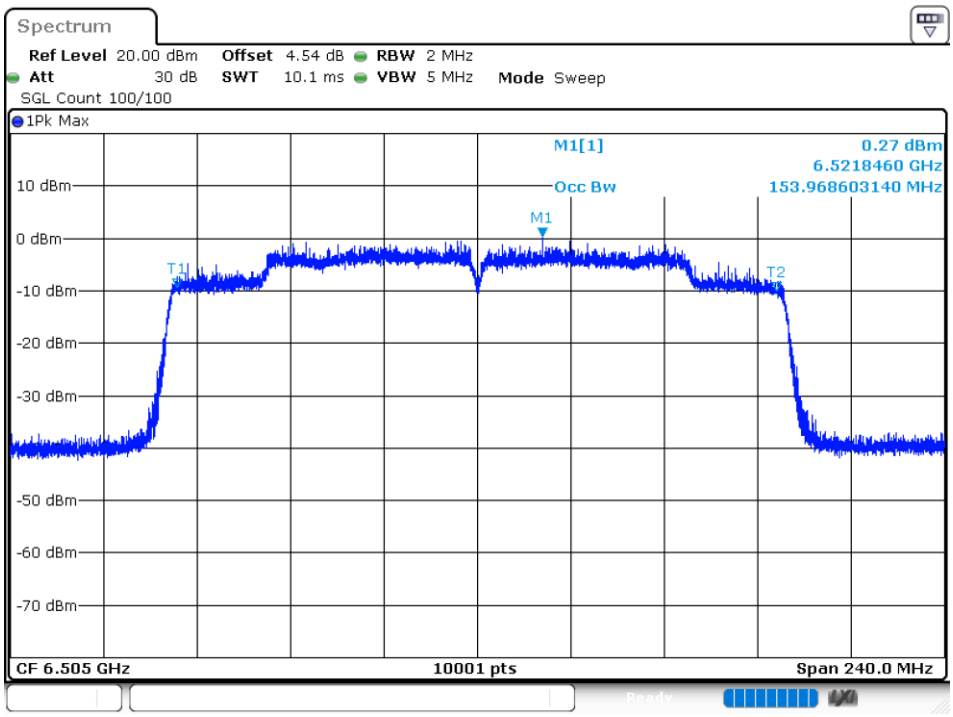
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	6.88	4.9	11.78	24	Pass
NVNT	ax160	6505	Ant2	6.8	4.81	11.61	24	Pass
NVNT	ax20	6435	Ant1	6.45	4.9	11.35	24	Pass
NVNT	ax20	6475	Ant1	6.88	4.9	11.78	24	Pass
NVNT	ax20	6515	Ant1	6.81	4.9	11.71	24	Pass
NVNT	ax20	6435	Ant2	5.89	4.81	10.7	24	Pass
NVNT	ax20	6475	Ant2	5.98	4.81	10.79	24	Pass
NVNT	ax20	6515	Ant2	5.88	4.81	10.69	24	Pass
NVNT	ax40	6445	Ant1	6.44	4.9	11.34	24	Pass
NVNT	ax40	6485	Ant1	6.56	4.9	11.46	24	Pass
NVNT	ax40	6525	Ant1	6.57	4.9	11.47	24	Pass
NVNT	ax40	6445	Ant2	6.22	4.81	11.03	24	Pass
NVNT	ax40	6485	Ant2	6.35	4.81	11.16	24	Pass
NVNT	ax40	6525	Ant2	6.31	4.81	11.12	24	Pass
NVNT	ax80	6465	Ant1	5.88	4.9	10.78	24	Pass
NVNT	ax80	6465	Ant2	6.45	4.81	11.26	24	Pass

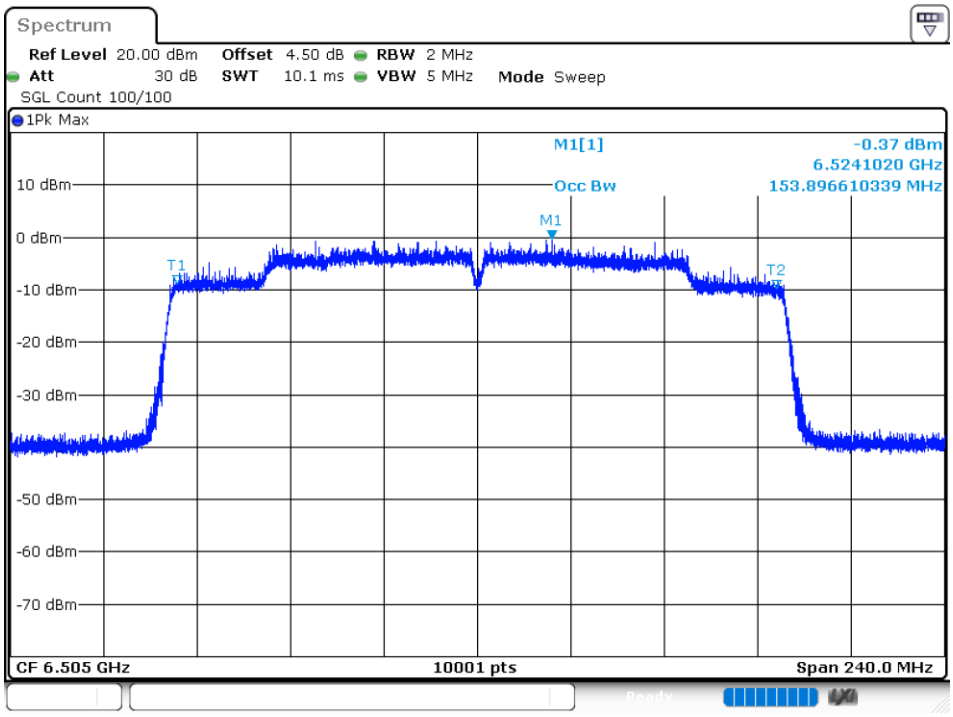
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6505	Ant1	153.969
NVNT	ax160	6505	Ant2	153.897
NVNT	ax20	6435	Ant1	19.051
NVNT	ax20	6435	Ant2	19.051
NVNT	ax20	6475	Ant1	19.039
NVNT	ax20	6475	Ant2	19.03
NVNT	ax20	6515	Ant1	19.042
NVNT	ax20	6515	Ant2	19.036
NVNT	ax40	6445	Ant1	37.82
NVNT	ax40	6445	Ant2	37.868
NVNT	ax40	6485	Ant1	37.676
NVNT	ax40	6485	Ant2	37.868
NVNT	ax40	6525	Ant1	37.856
NVNT	ax40	6525	Ant2	37.718
NVNT	ax80	6465	Ant1	76.6
NVNT	ax80	6465	Ant2	76.624

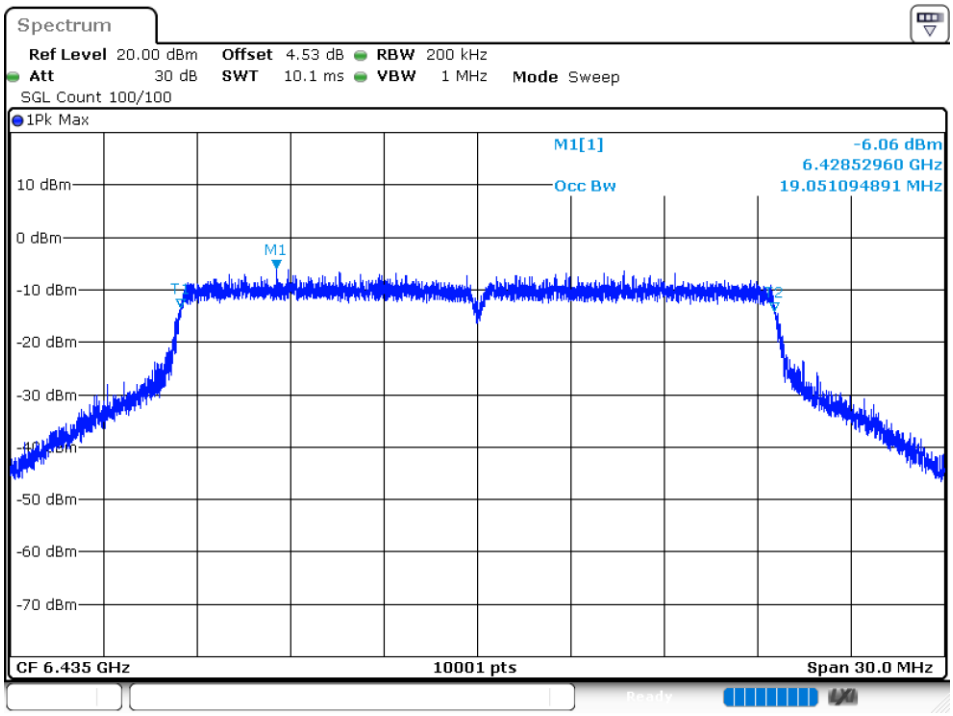
Test Graphs
OBW NVNT ax160 6505MHz Ant1



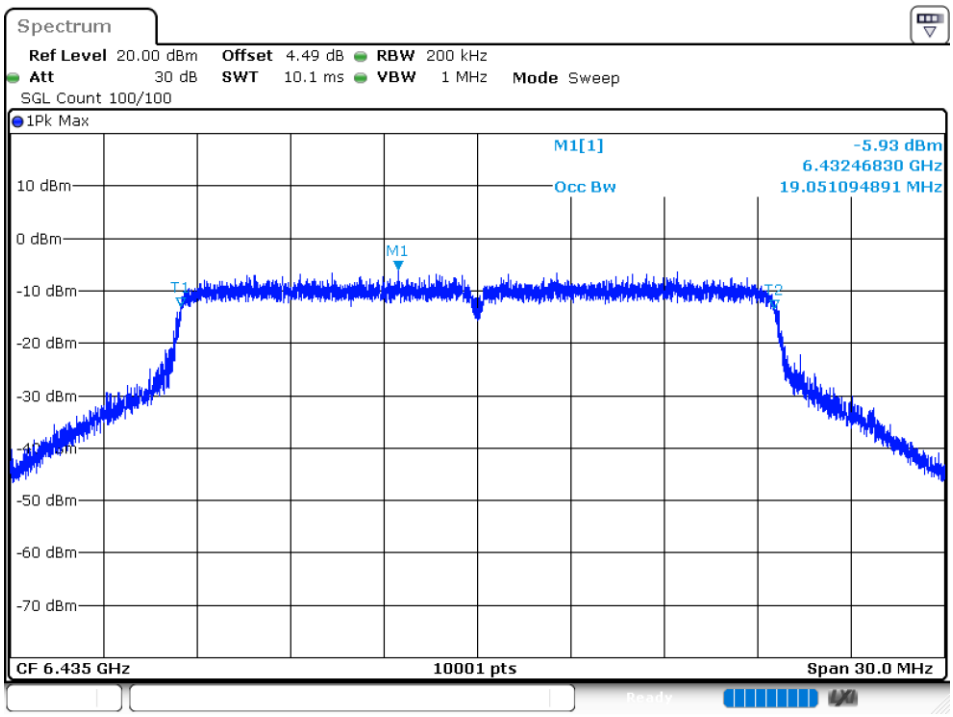
OBW NVNT ax160 6505MHz Ant2



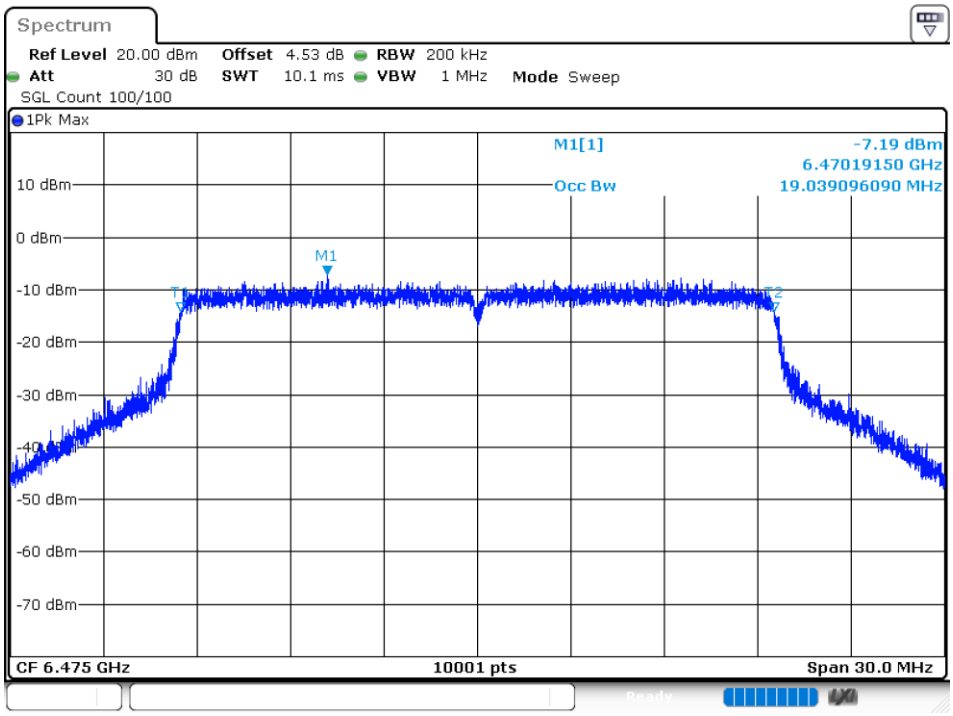
OBW NVNT ax20 6435MHz Ant1



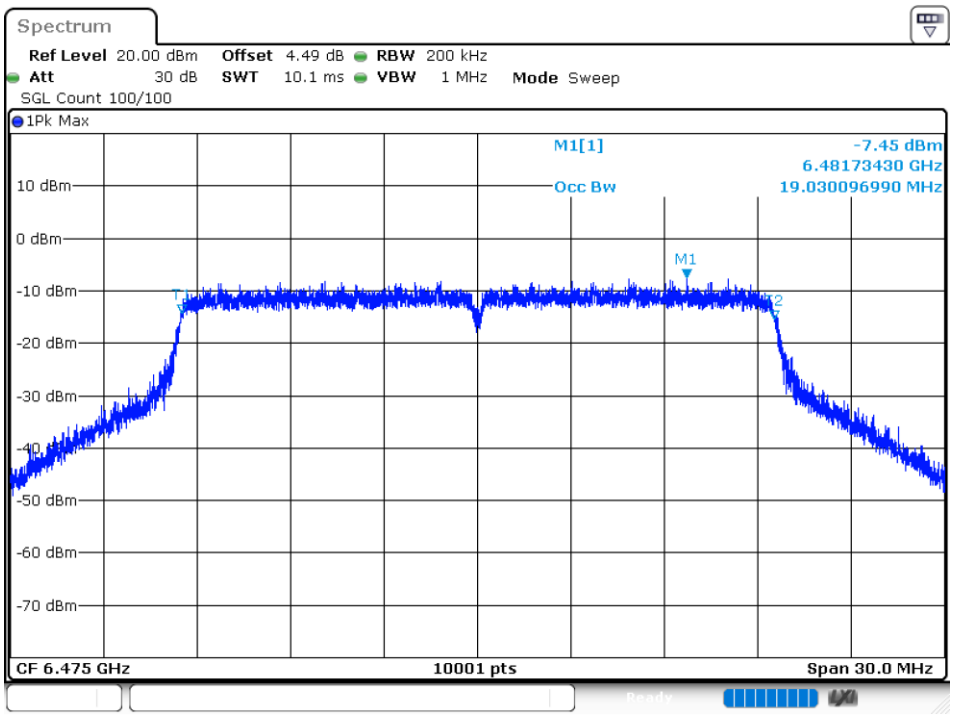
OBW NVNT ax20 6435MHz Ant2



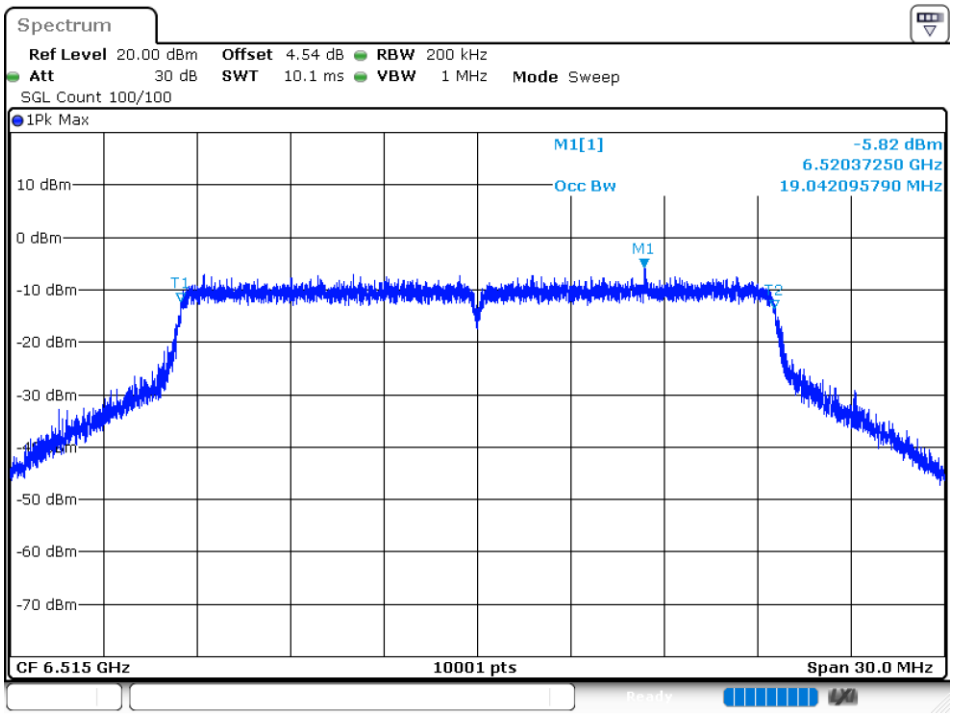
OBW NVNT ax20 6475MHz Ant1



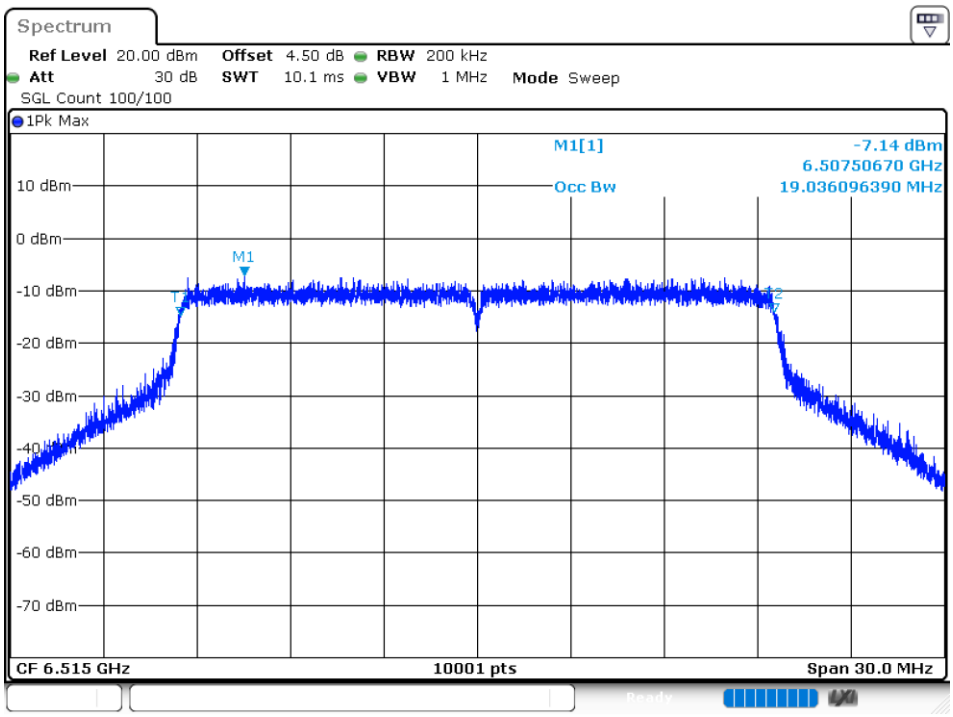
OBW NVNT ax20 6475MHz Ant2



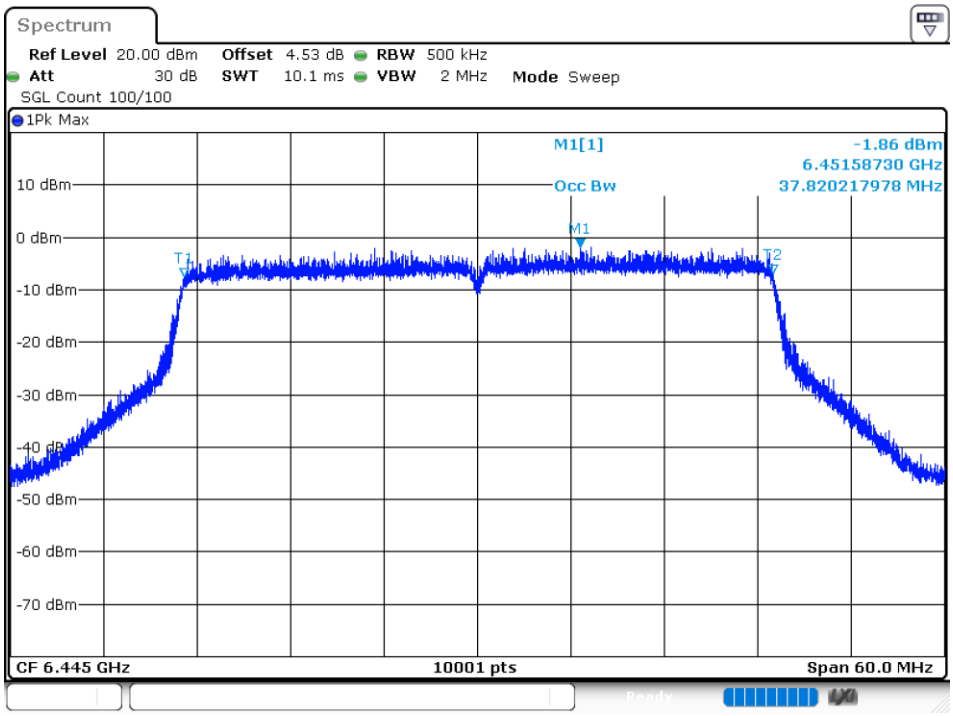
OBW NVNT ax20 6515MHz Ant1



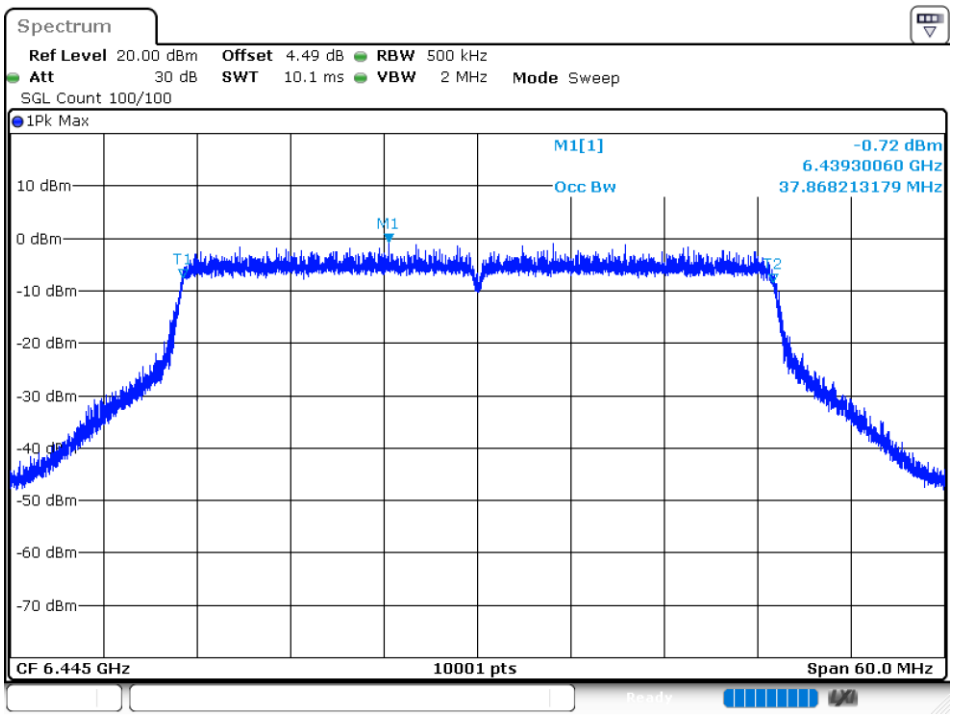
OBW NVNT ax20 6515MHz Ant2



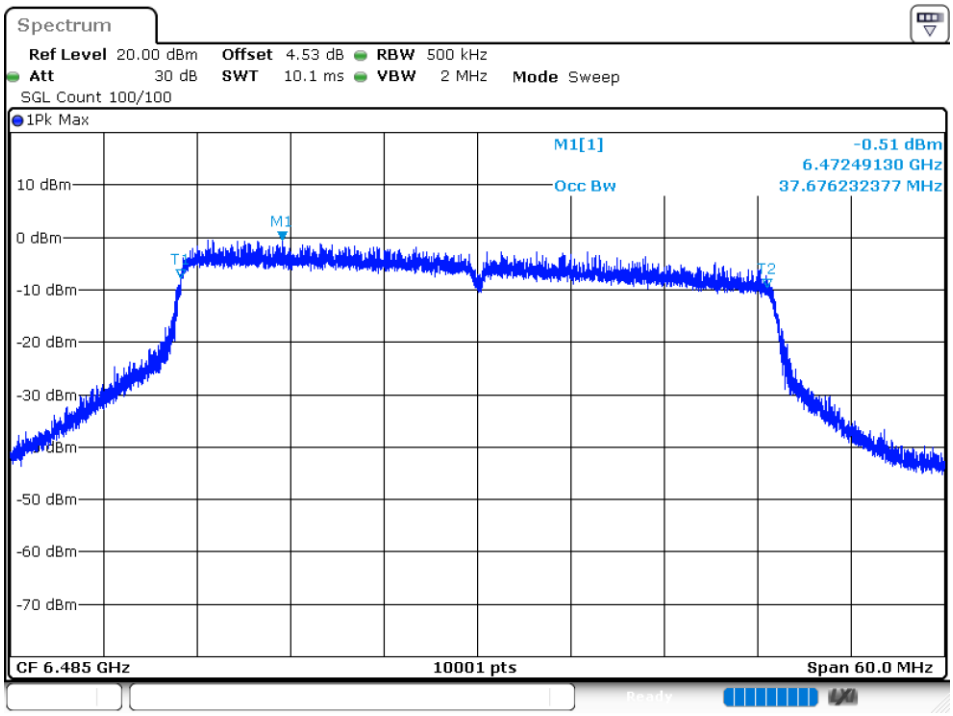
OBW NVNT ax40 6445MHz Ant1



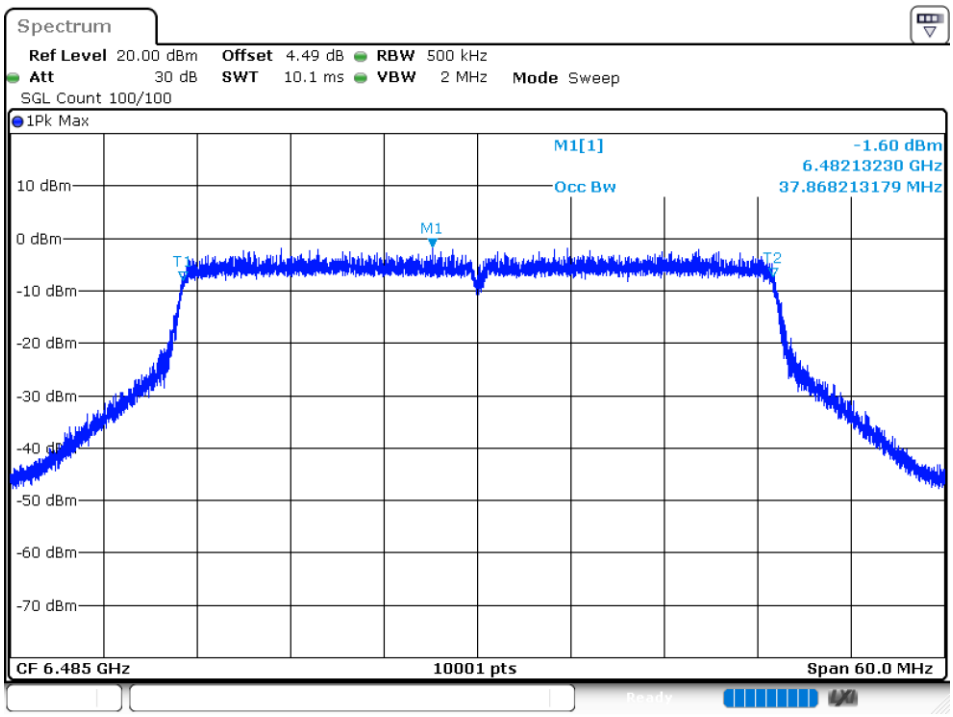
OBW NVNT ax40 6445MHz Ant2



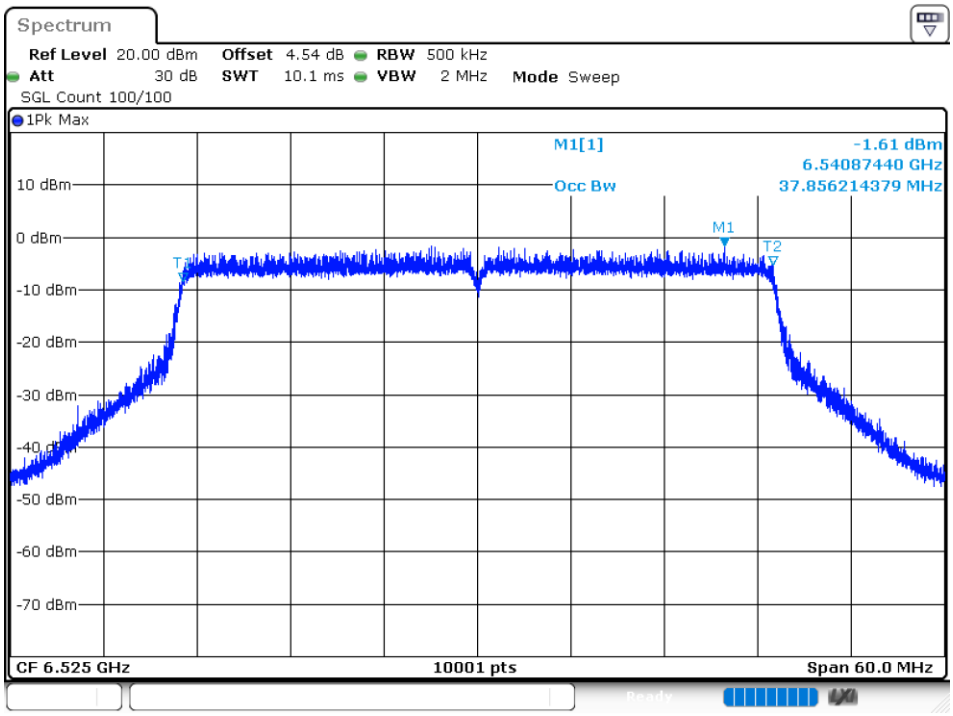
OBW NVNT ax40 6485MHz Ant1



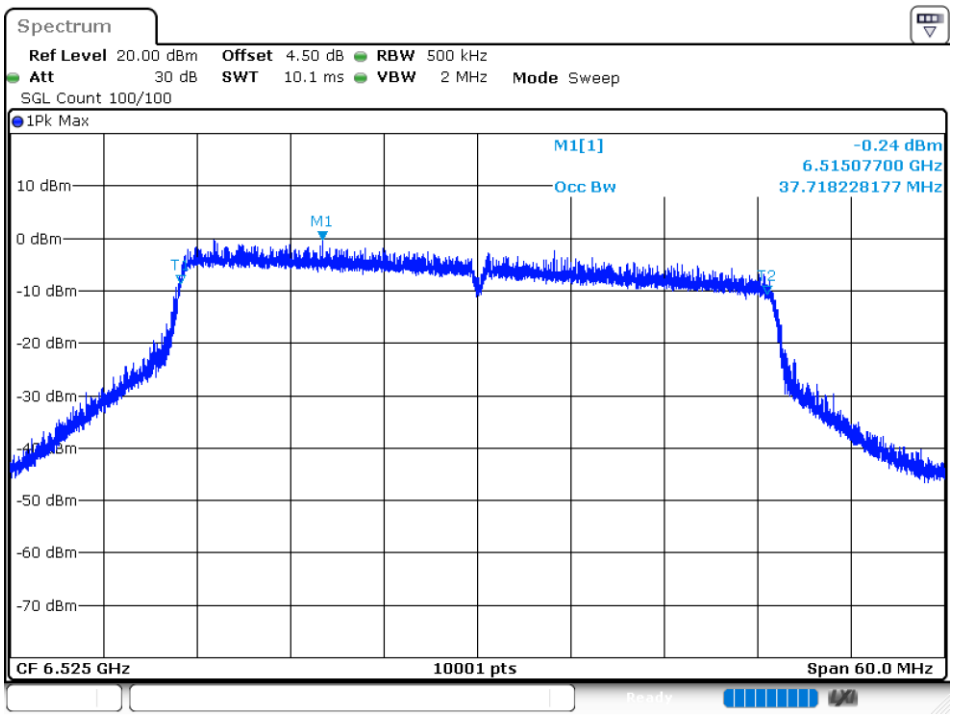
OBW NVNT ax40 6485MHz Ant2



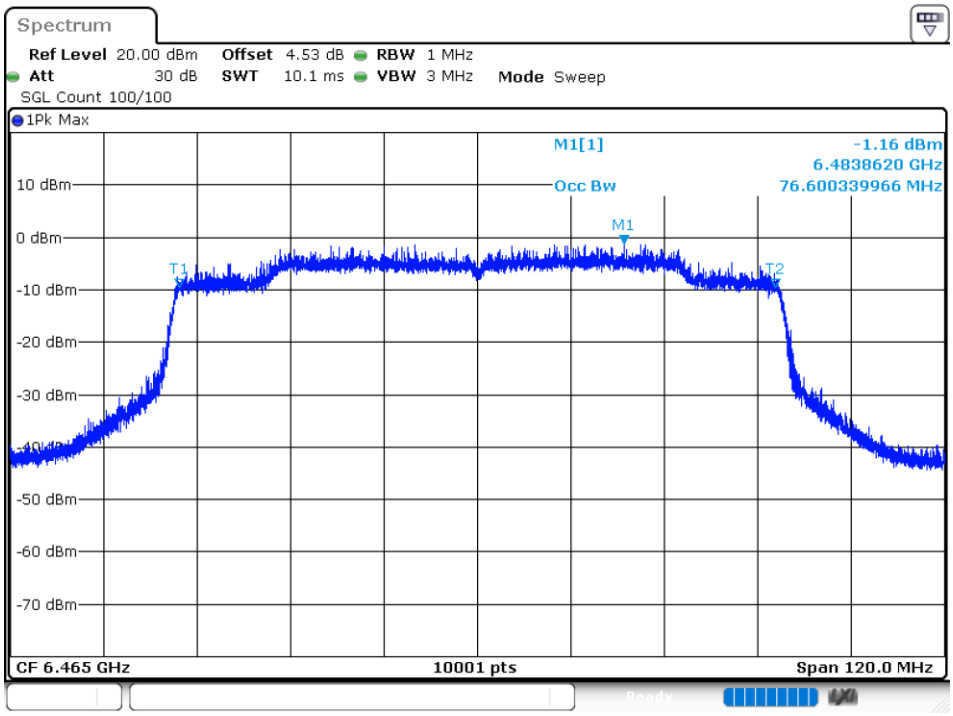
OBW NVNT ax40 6525MHz Ant1



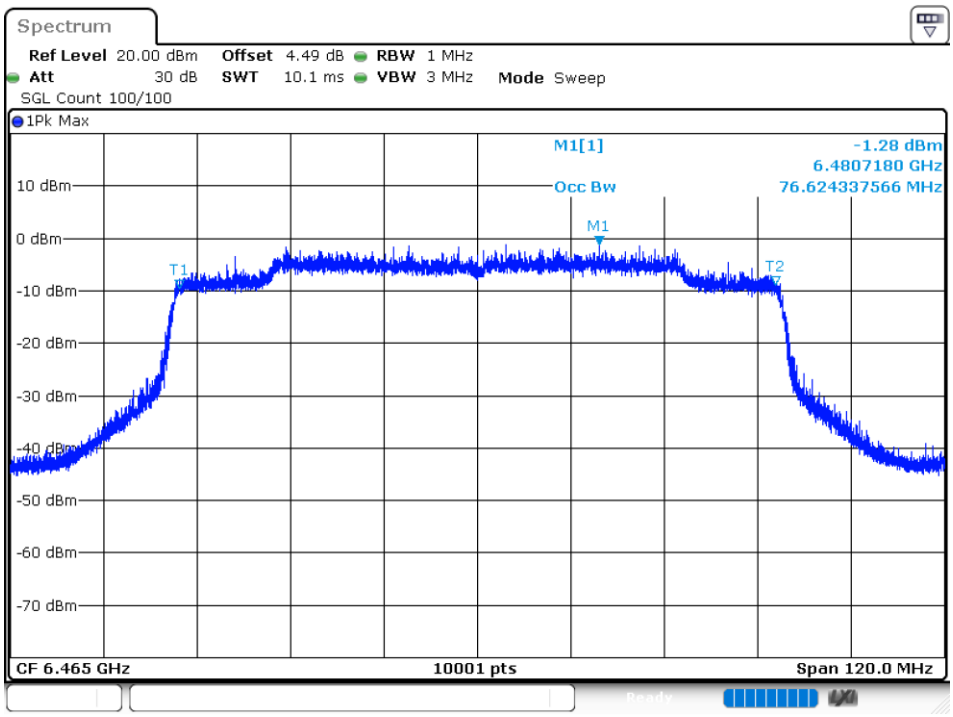
OBW NVNT ax40 6525MHz Ant2



OBW NVNT ax80 6465MHz Ant1



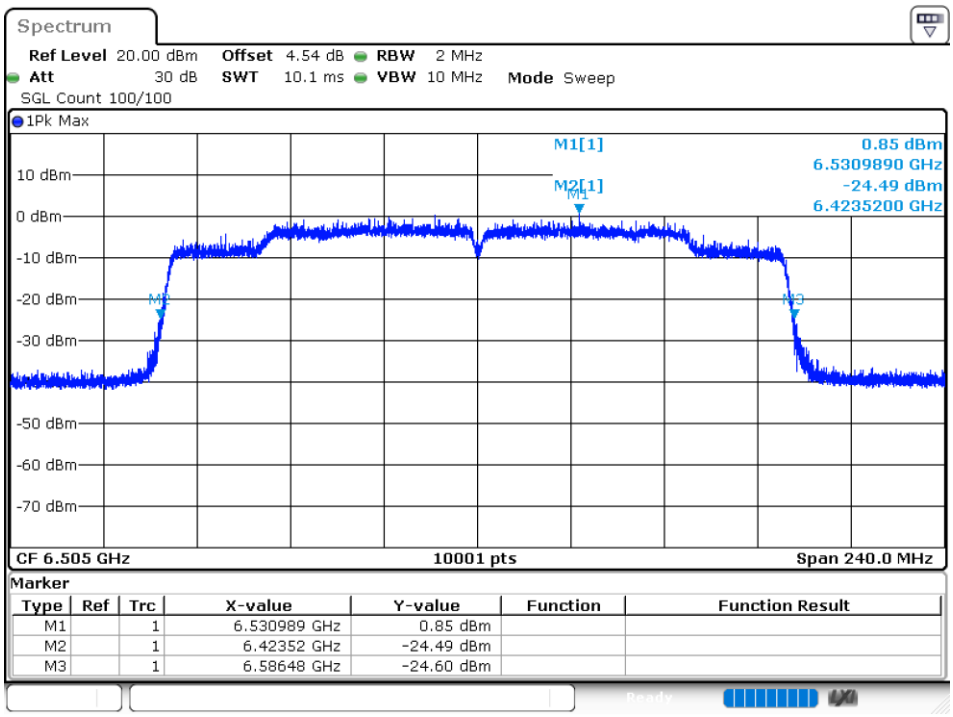
OBW NVNT ax80 6465MHz Ant2



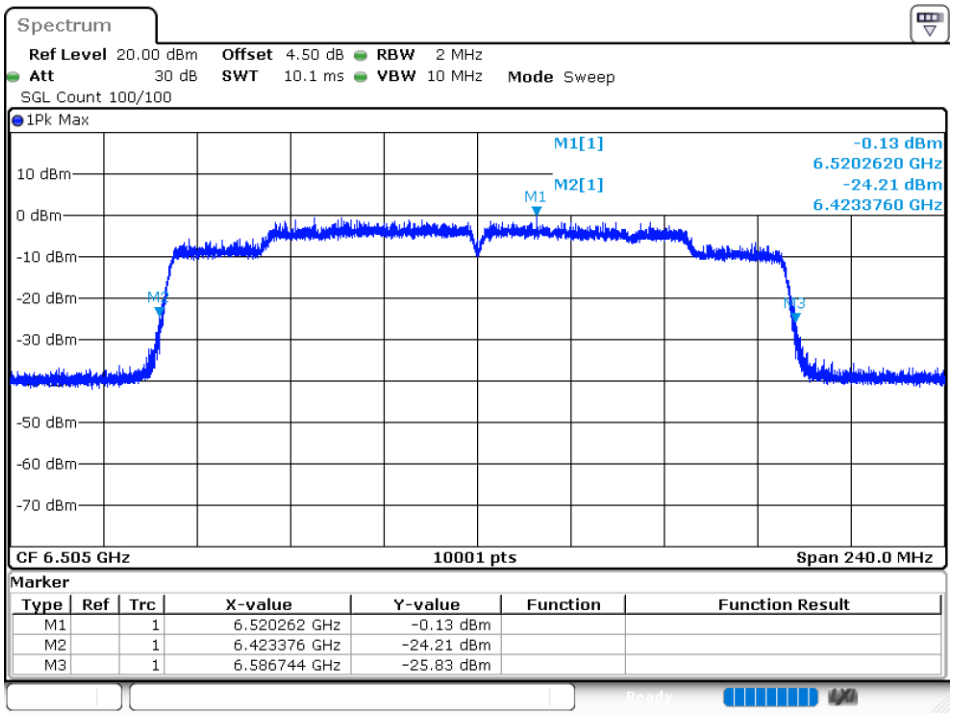
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6505	Ant1	162.96	Pass
NVNT	ax160	6505	Ant2	163.368	Pass
NVNT	ax20	6435	Ant1	24.882	Pass
NVNT	ax20	6435	Ant2	25.131	Pass
NVNT	ax20	6475	Ant1	24.927	Pass
NVNT	ax20	6475	Ant2	24.39	Pass
NVNT	ax20	6515	Ant1	24.444	Pass
NVNT	ax20	6515	Ant2	24.615	Pass
NVNT	ax40	6445	Ant1	43.794	Pass
NVNT	ax40	6445	Ant2	45.156	Pass
NVNT	ax40	6485	Ant1	42.9	Pass
NVNT	ax40	6485	Ant2	44.64	Pass
NVNT	ax40	6525	Ant1	44.706	Pass
NVNT	ax40	6525	Ant2	43.422	Pass
NVNT	ax80	6465	Ant1	84.144	Pass
NVNT	ax80	6465	Ant2	82.428	Pass

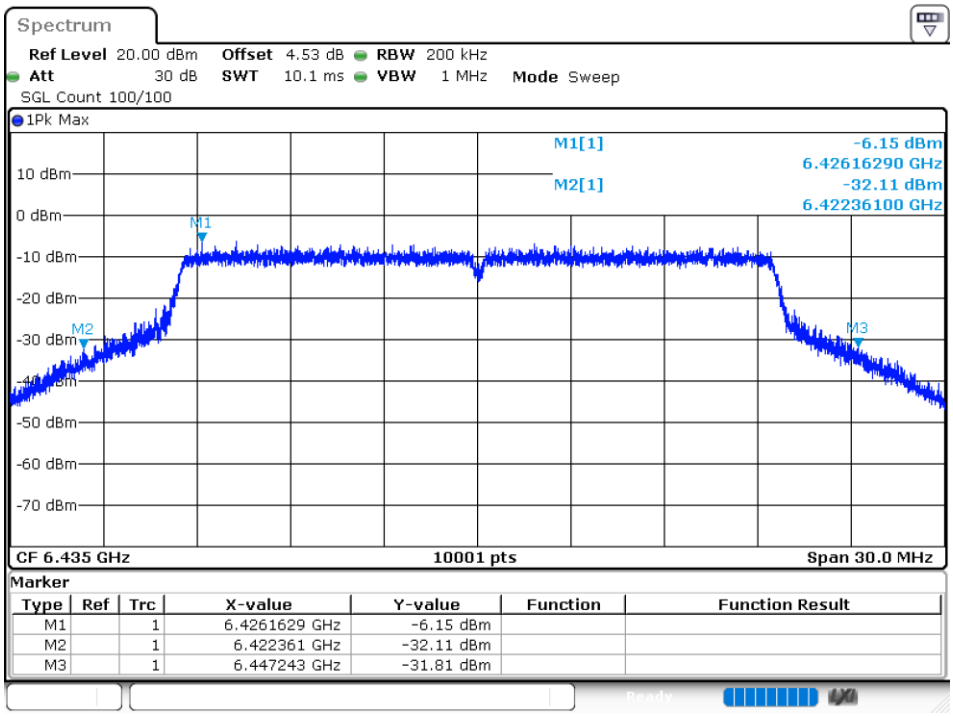
Test Graphs
-26dB Bandwidth NVNT ax160 6505MHz Ant1



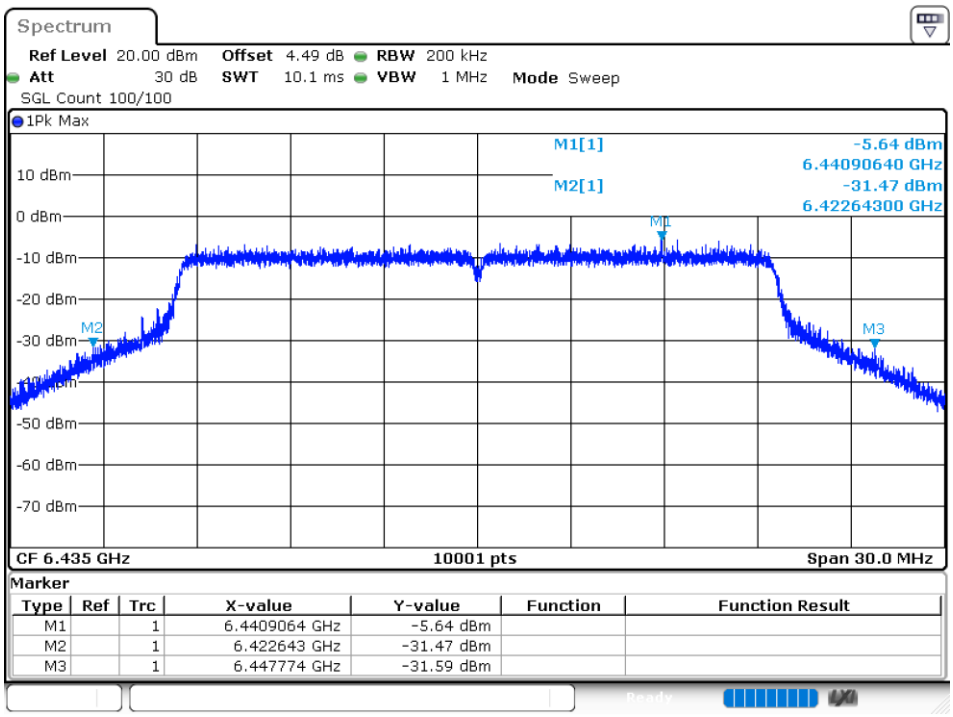
-26dB Bandwidth NVNT ax160 6505MHz Ant2



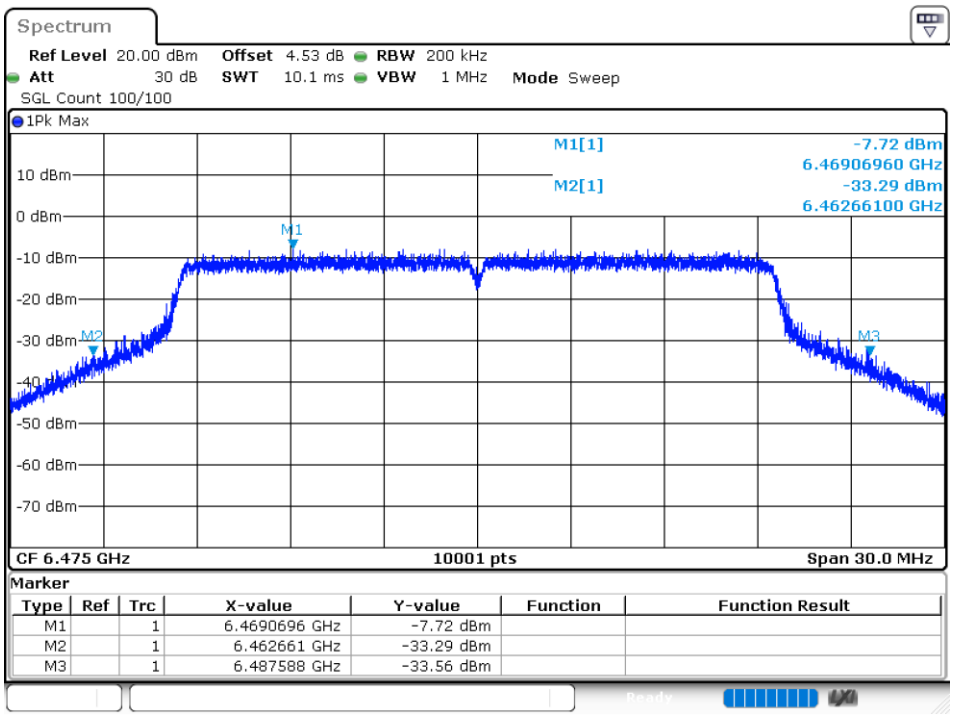
-26dB Bandwidth NVNT ax20 6435MHz Ant1



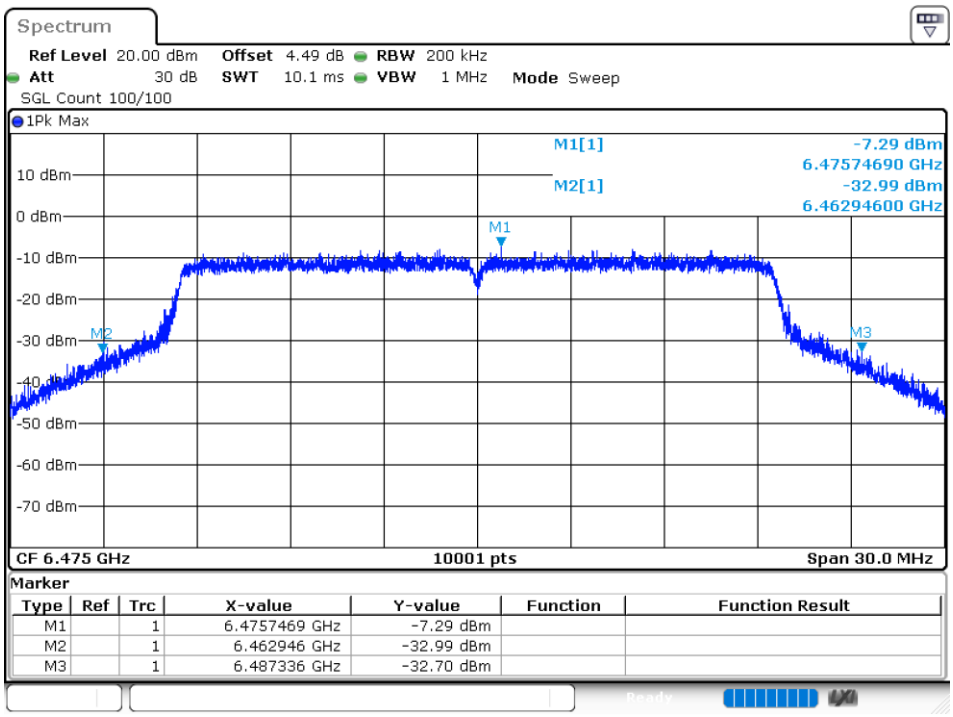
-26dB Bandwidth NVNT ax20 6435MHz Ant2



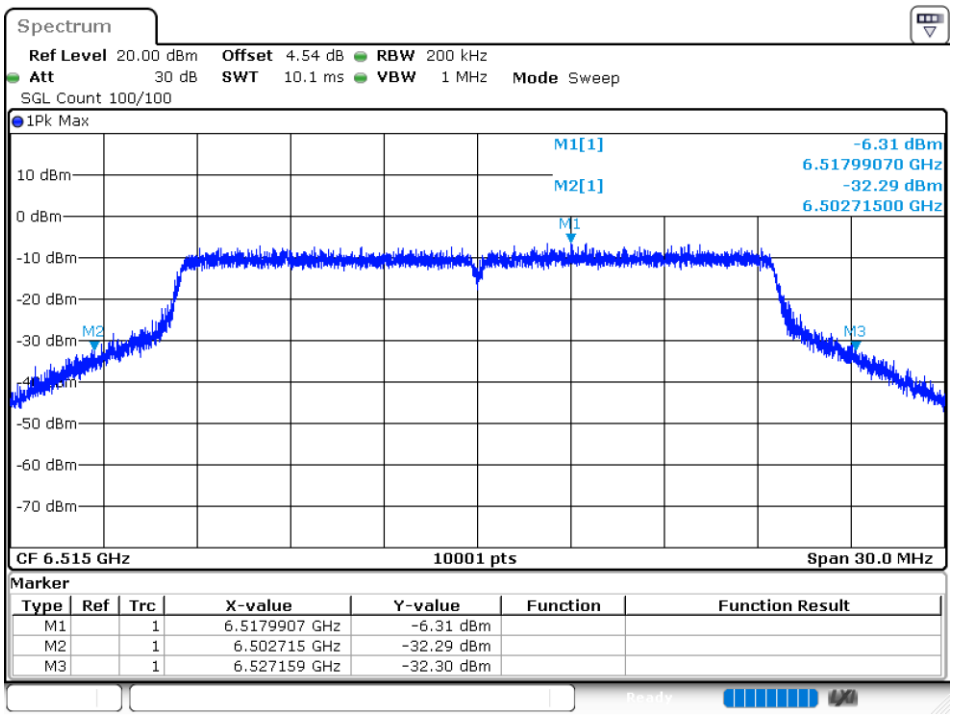
-26dB Bandwidth NVNT ax20 6475MHz Ant1



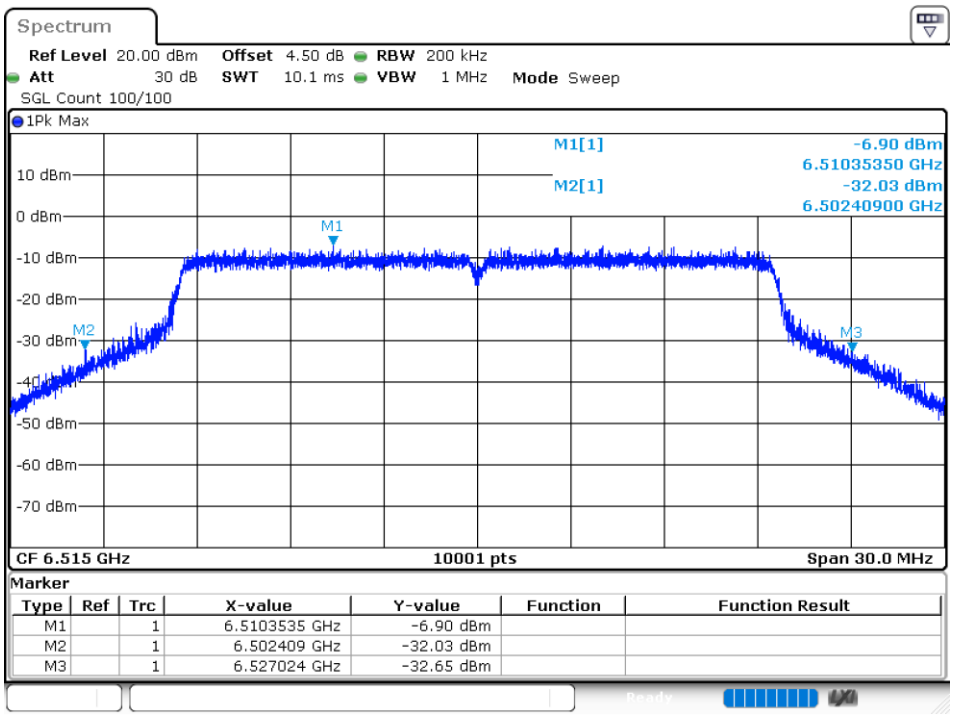
-26dB Bandwidth NVNT ax20 6475MHz Ant2



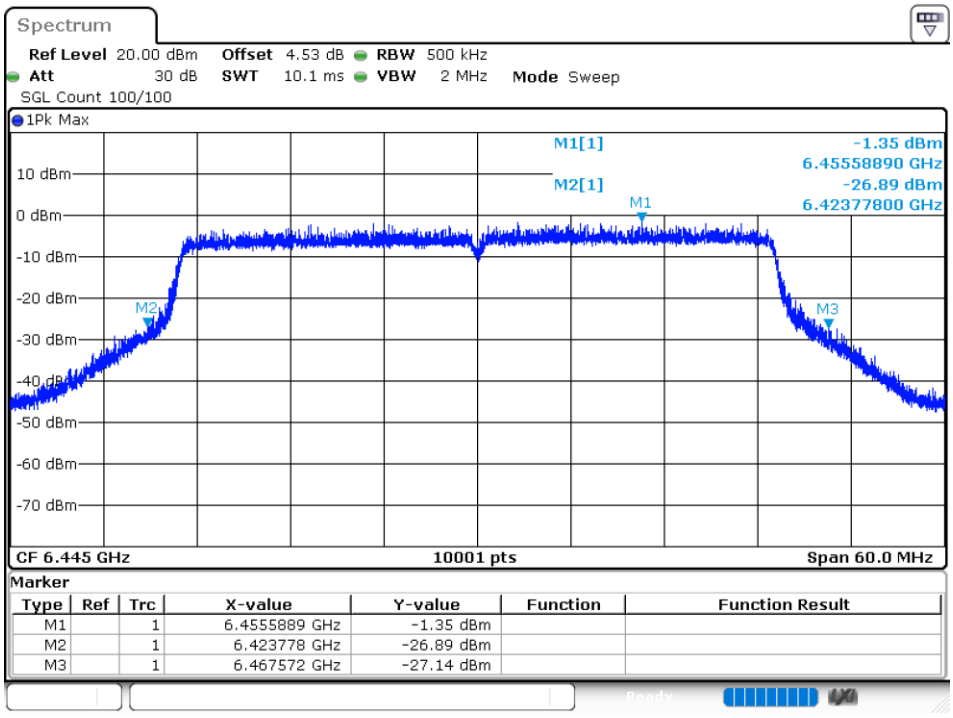
-26dB Bandwidth NVNT ax20 6515MHz Ant1



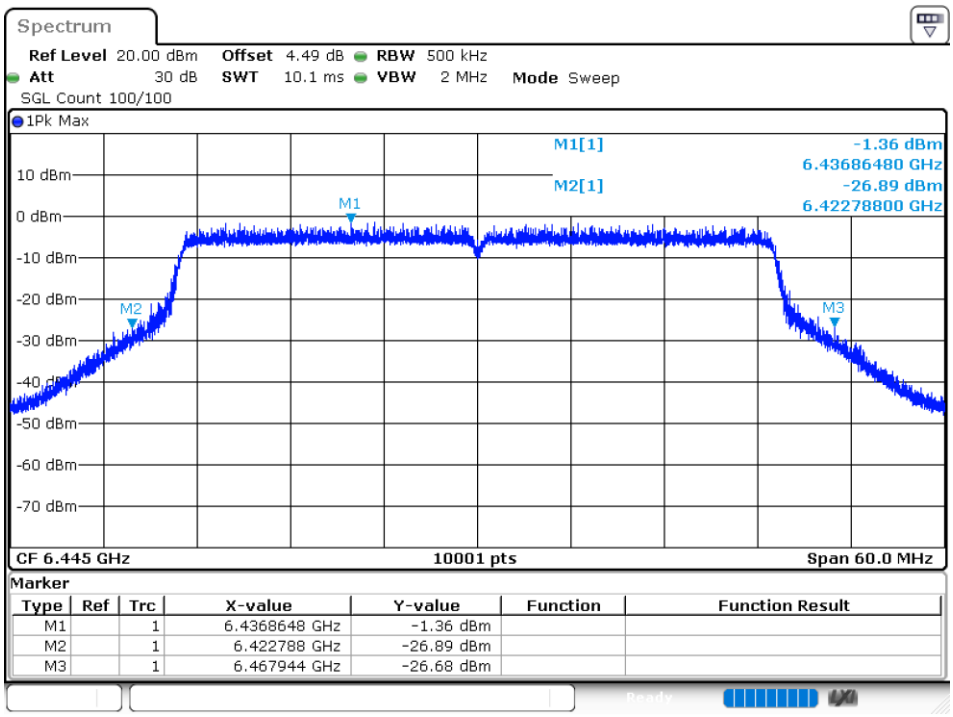
-26dB Bandwidth NVNT ax20 6515MHz Ant2



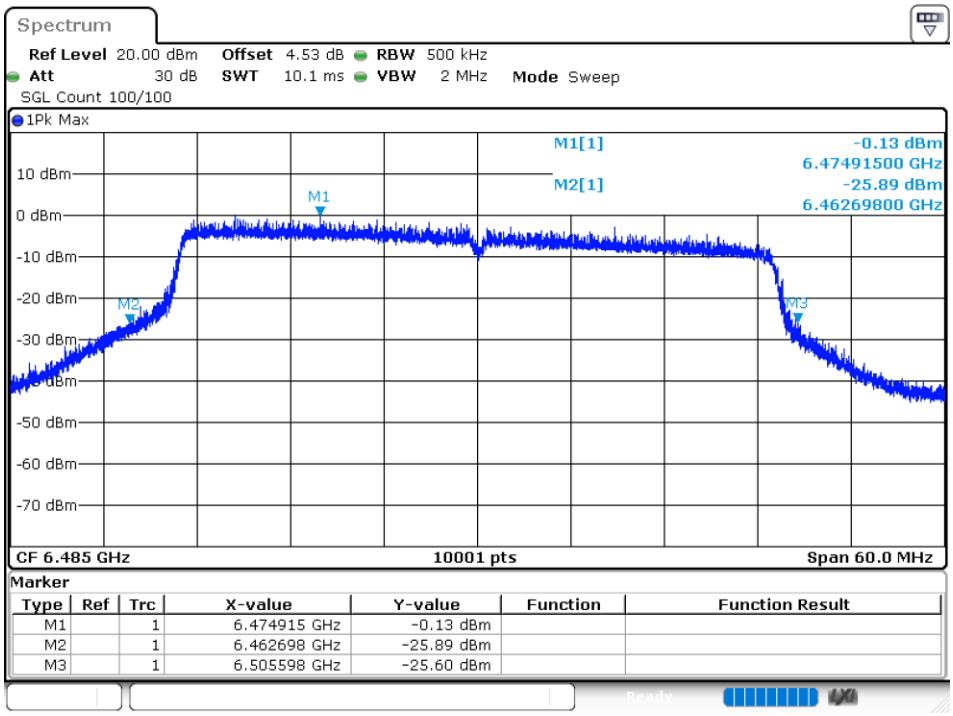
-26dB Bandwidth NVNT ax40 6445MHz Ant1



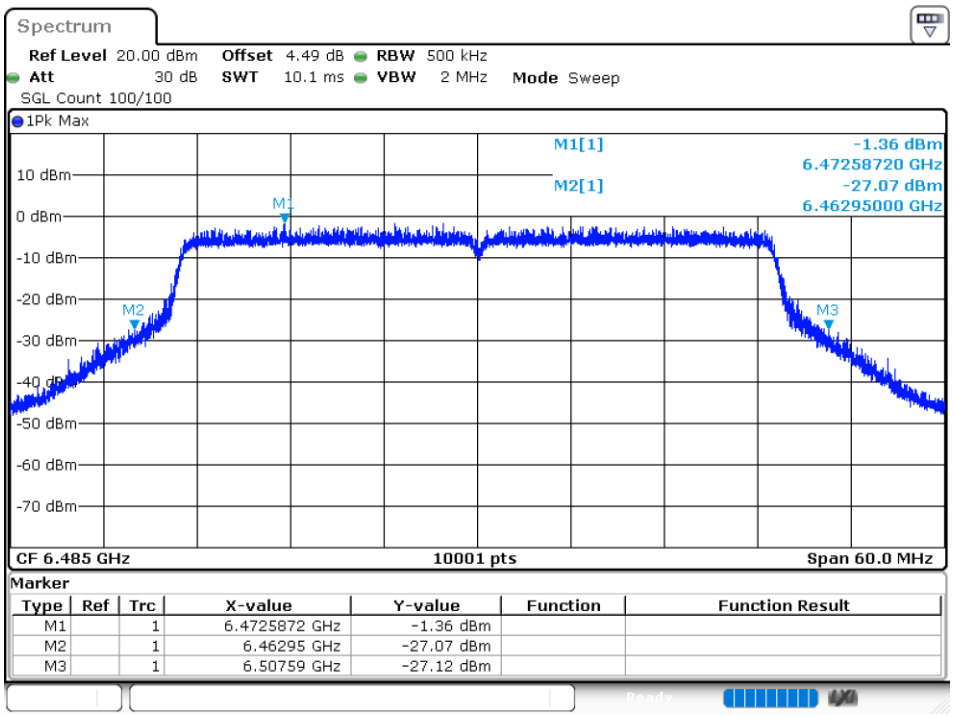
-26dB Bandwidth NVNT ax40 6445MHz Ant2



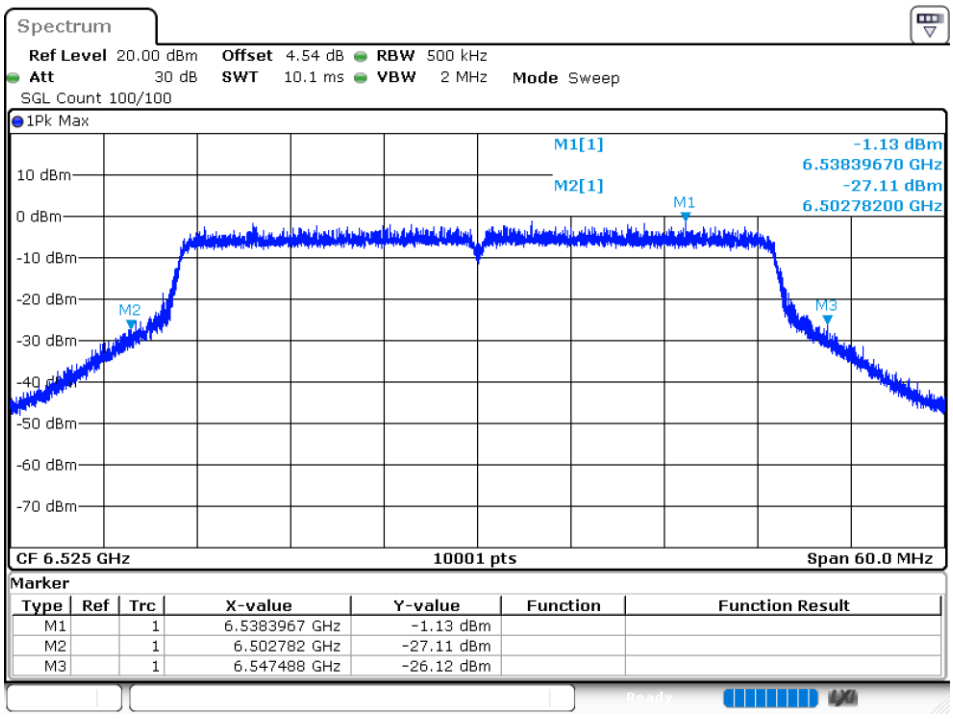
-26dB Bandwidth NVNT ax40 6485MHz Ant1



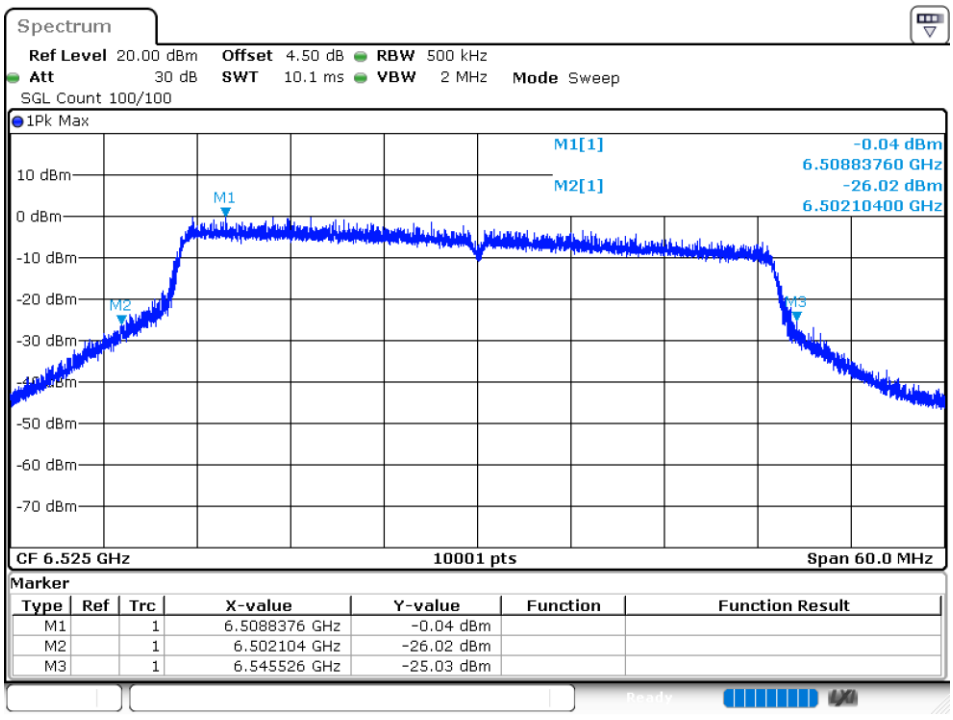
-26dB Bandwidth NVNT ax40 6485MHz Ant2



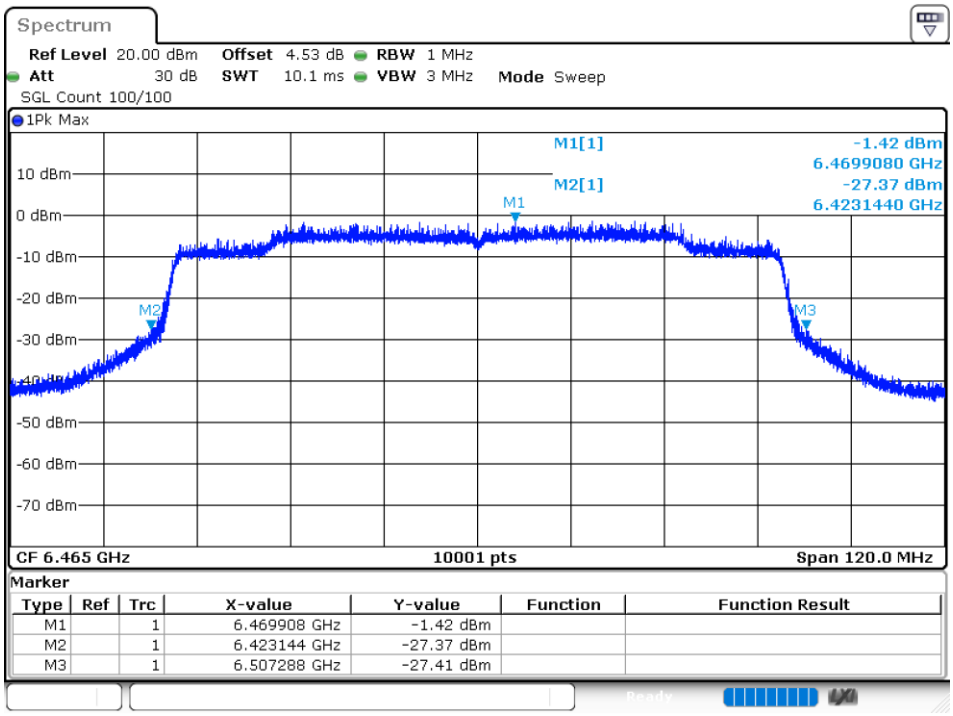
-26dB Bandwidth NVNT ax40 6525MHz Ant1



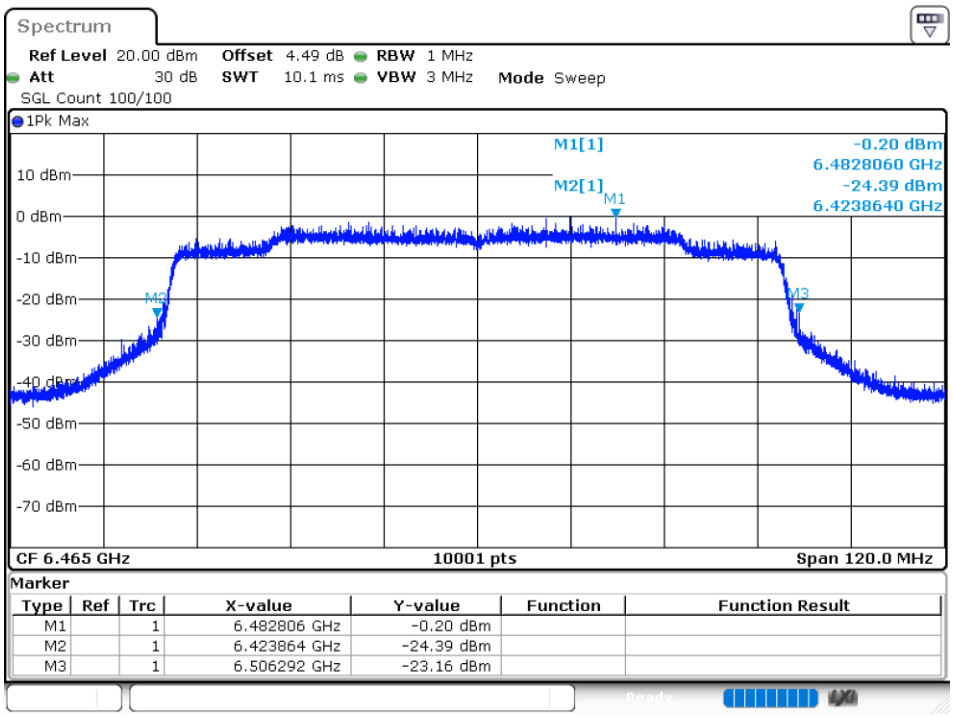
-26dB Bandwidth NVNT ax40 6525MHz Ant2



-26dB Bandwidth NVNT ax80 6465MHz Ant1



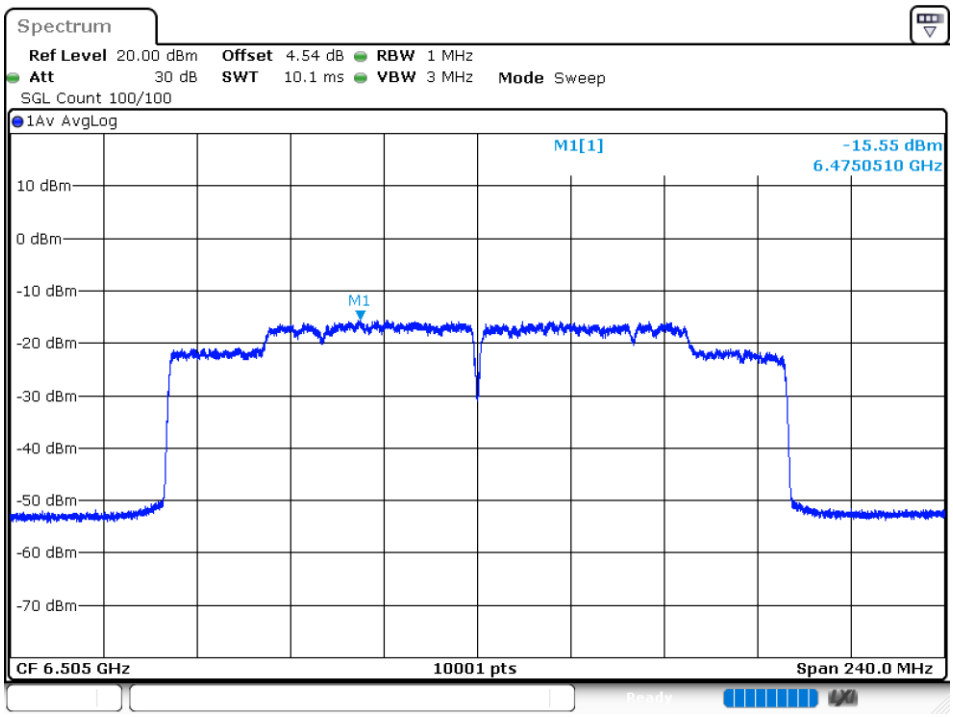
-26dB Bandwidth NVNT ax80 6465MHz Ant2



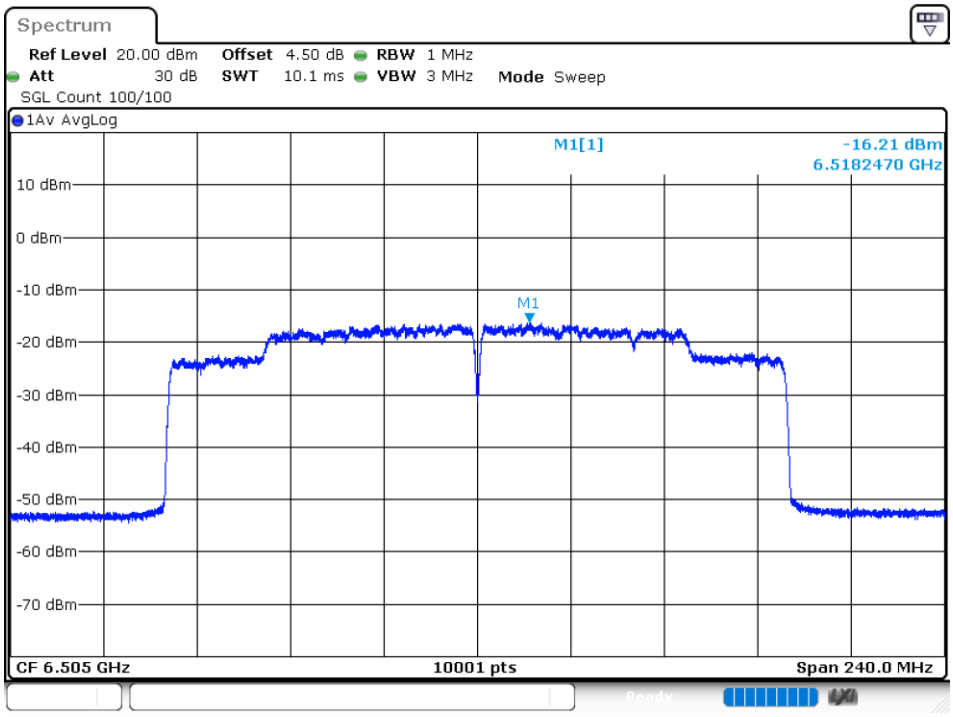
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	-15.55	0	-15.55	4.9	-10.65	-1	Pass
NVNT	ax160	6505	Ant2	-16.21	0	-16.21	4.81	-11.4	-1	Pass
NVNT	ax20	6435	Ant1	-8.16	0	-8.16	4.9	-3.26	-1	Pass
NVNT	ax20	6475	Ant1	-7.22	0	-7.22	4.9	-2.32	-1	Pass
NVNT	ax20	6515	Ant1	-7.62	0	-7.62	4.9	-2.72	-1	Pass
NVNT	ax20	6435	Ant2	-9.2	0	-9.2	4.81	-4.39	-1	Pass
NVNT	ax20	6475	Ant2	-9.2	0	-9.2	4.81	-4.39	-1	Pass
NVNT	ax20	6515	Ant2	-9.5	0	-9.5	4.81	-4.69	-1	Pass
NVNT	ax40	6445	Ant1	-10.85	0	-10.85	4.9	-5.95	-1	Pass
NVNT	ax40	6485	Ant1	-10.75	0	-10.75	4.9	-5.85	-1	Pass
NVNT	ax40	6525	Ant1	-10.85	0	-10.85	4.9	-5.95	-1	Pass
NVNT	ax40	6445	Ant2	-10.83	0	-10.83	4.81	-6.02	-1	Pass
NVNT	ax40	6485	Ant2	-11.94	0	-11.94	4.81	-7.13	-1	Pass
NVNT	ax40	6525	Ant2	-12.08	0	-12.08	4.81	-7.27	-1	Pass
NVNT	ax80	6465	Ant1	-13.91	0	-13.91	4.9	-9.01	-1	Pass
NVNT	ax80	6465	Ant2	-13.8	0	-13.8	4.81	-8.99	-1	Pass

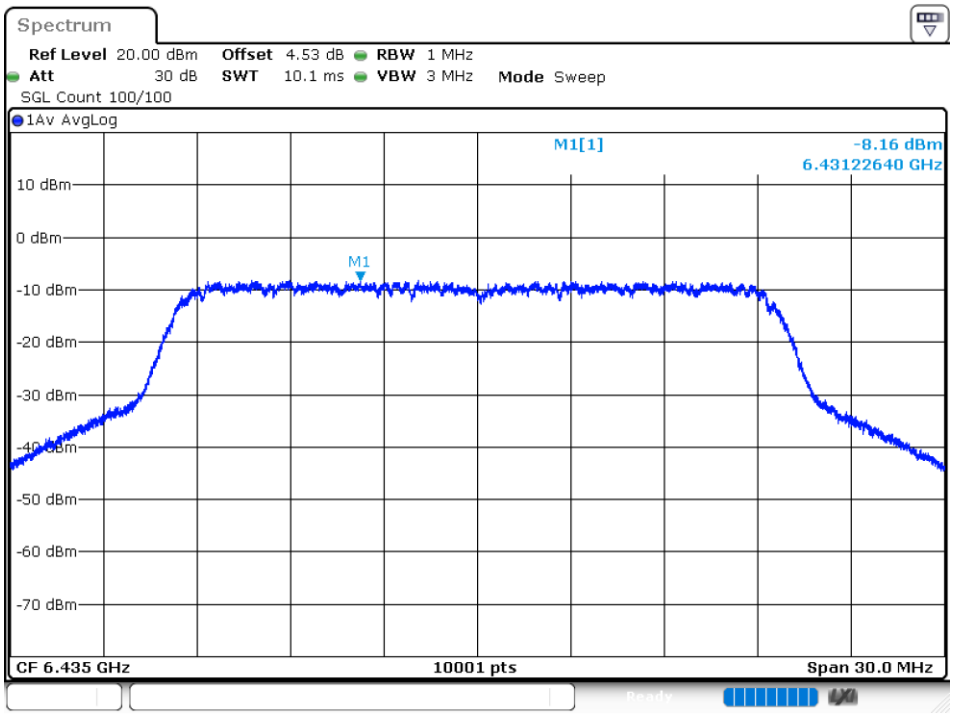
Test Graphs
PSD NVNT ax160 6505MHz Ant1



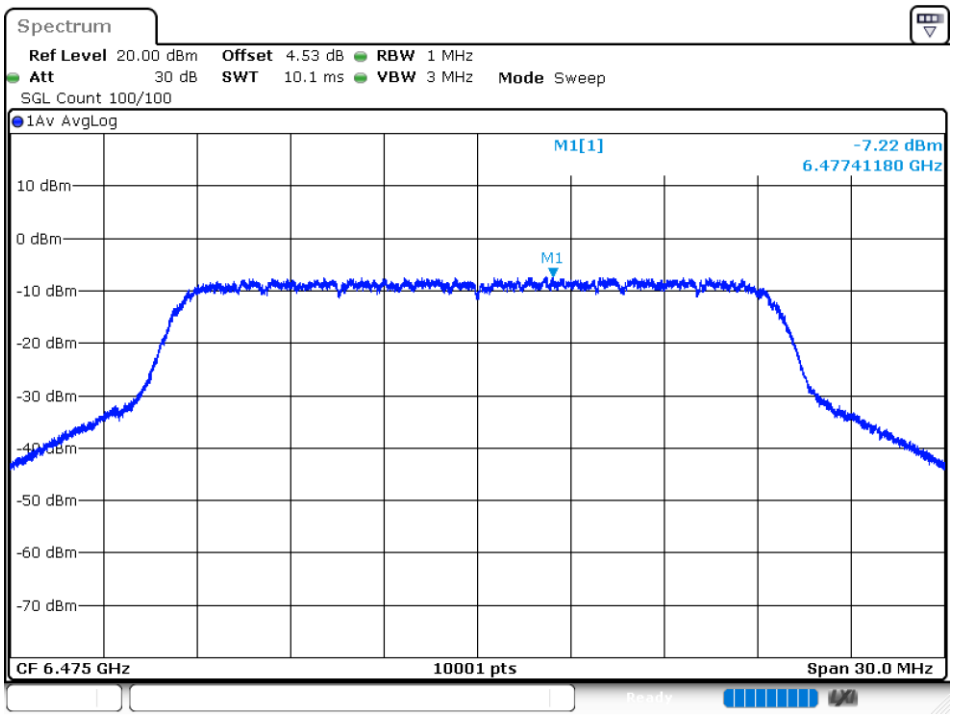
PSD NVNT ax160 6505MHz Ant2



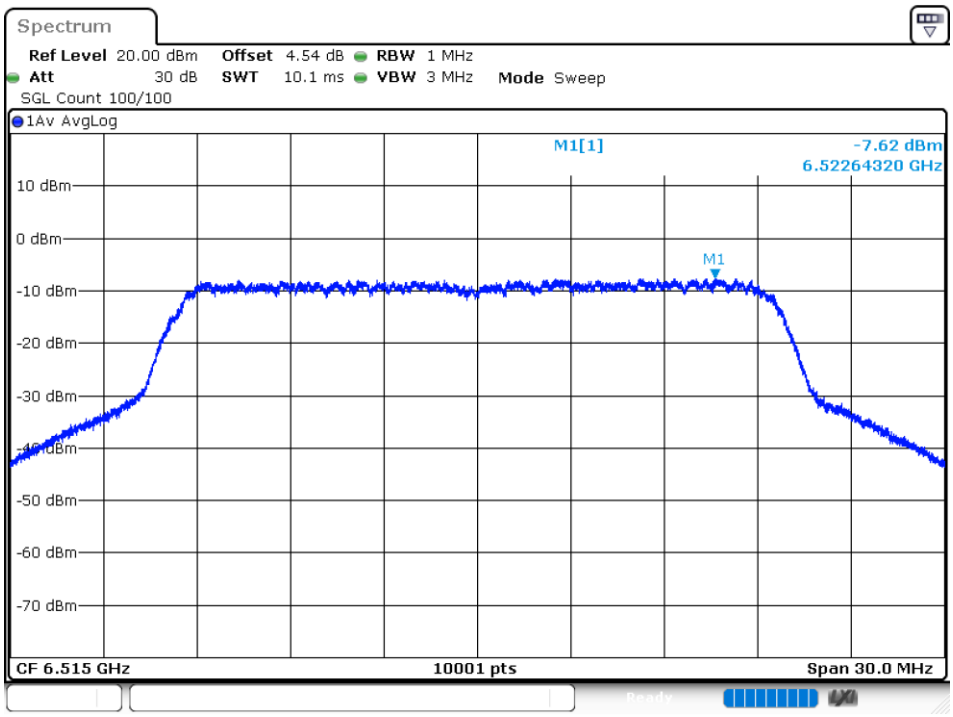
PSD NVNT ax20 6435MHz Ant1



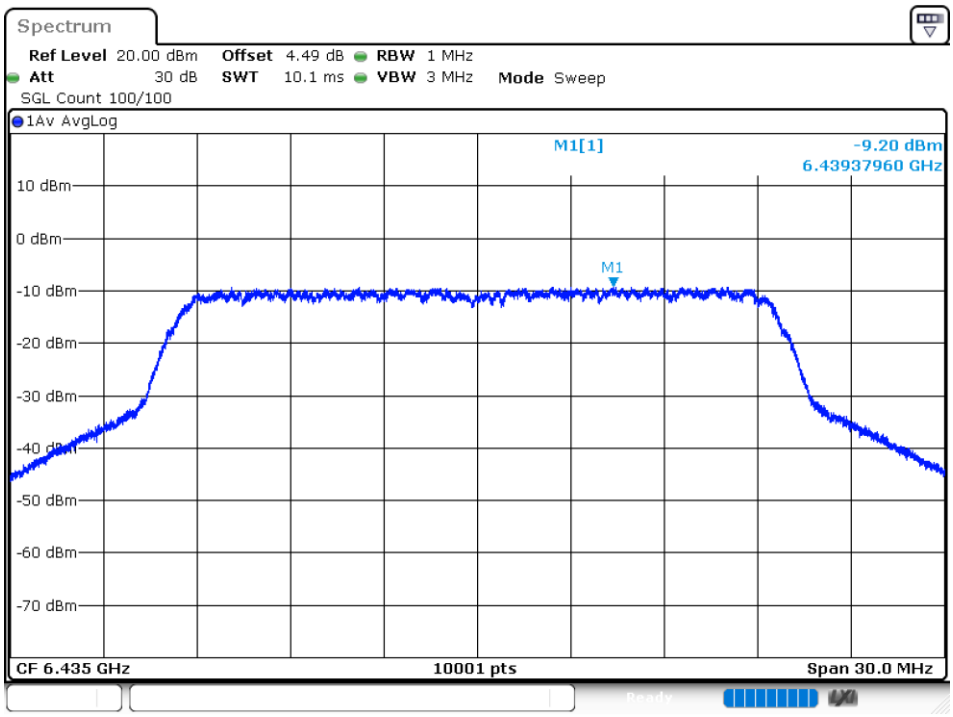
PSD NVNT ax20 6475MHz Ant1



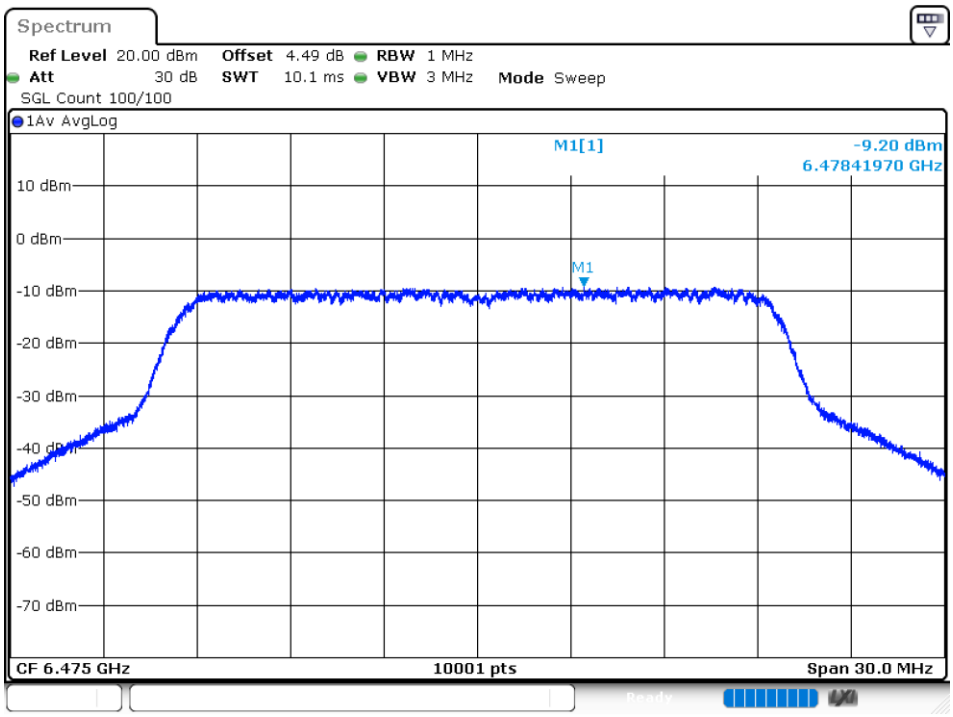
PSD NVNT ax20 6515MHz Ant1



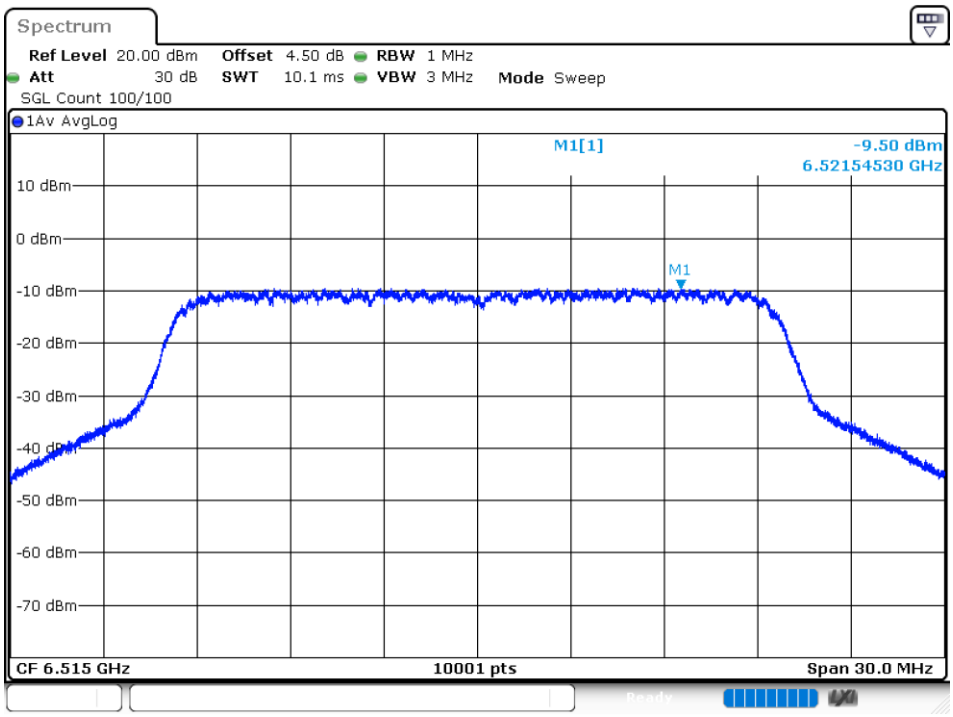
PSD NVNT ax20 6435MHz Ant2



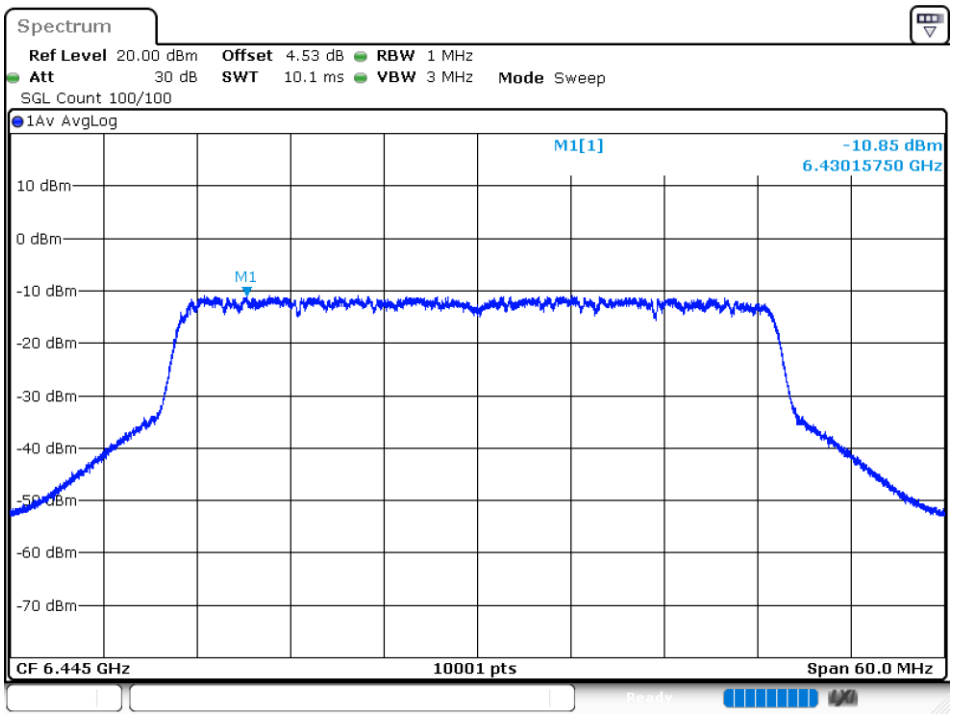
PSD NVNT ax20 6475MHz Ant2



PSD NVNT ax20 6515MHz Ant2



PSD NVNT ax40 6445MHz Ant1



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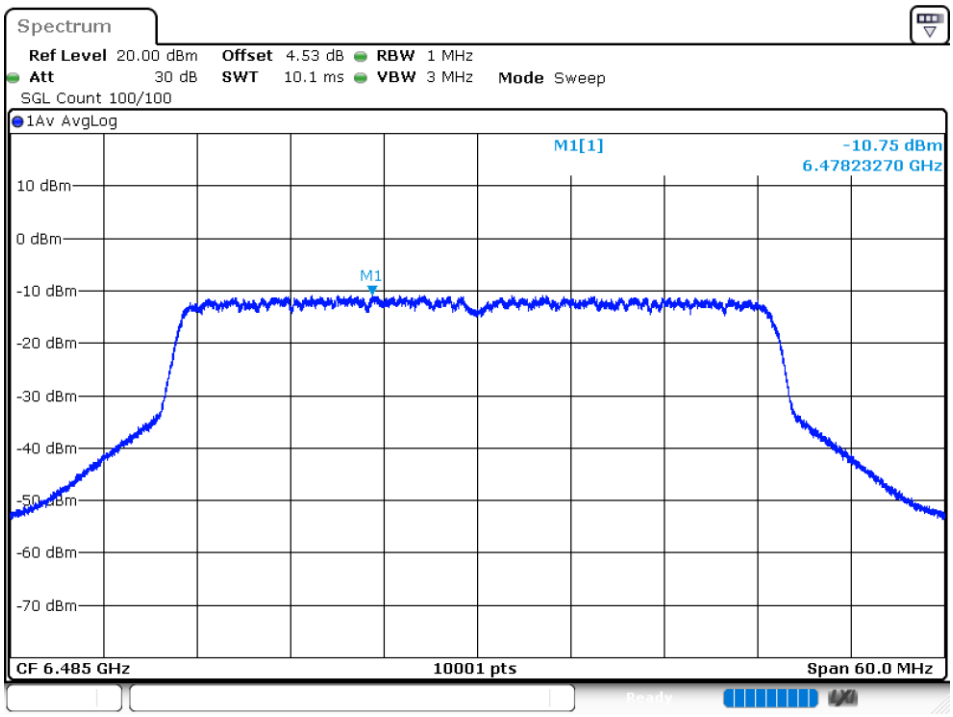
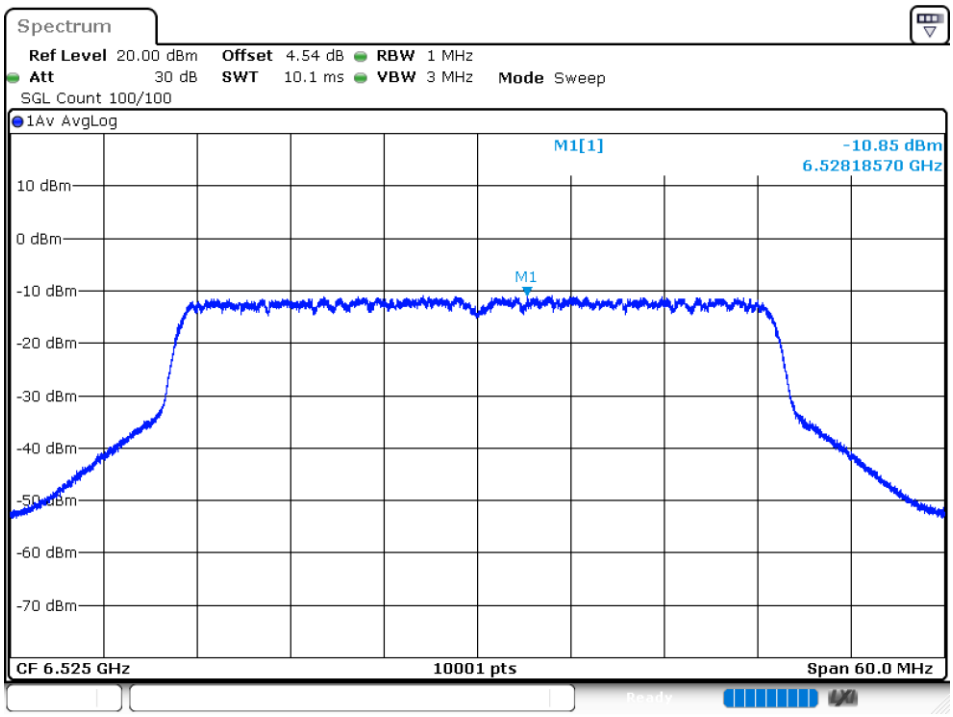
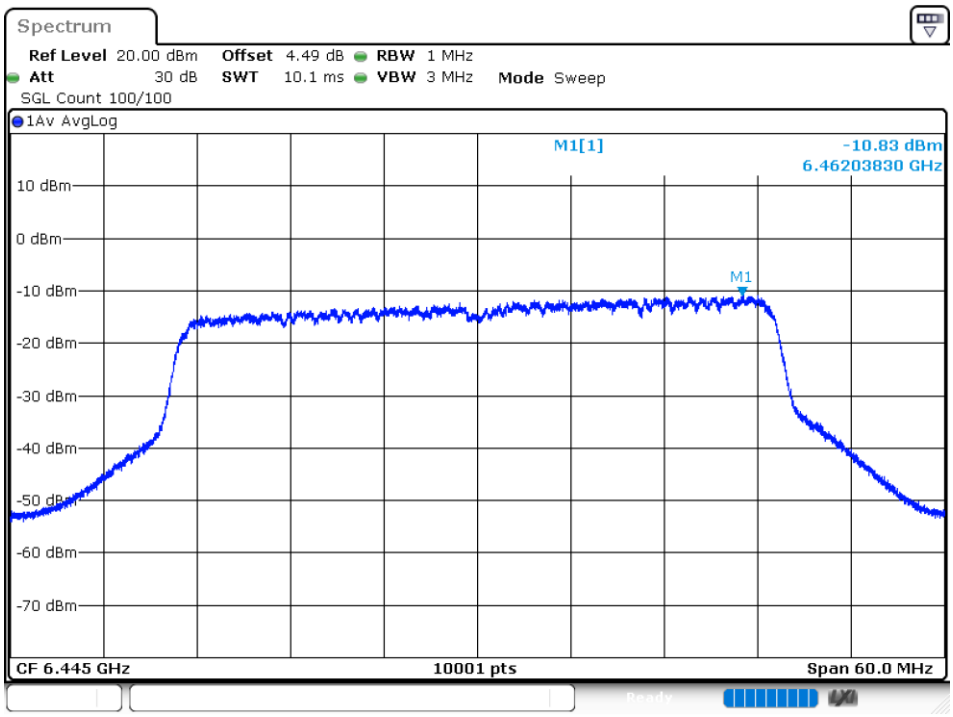


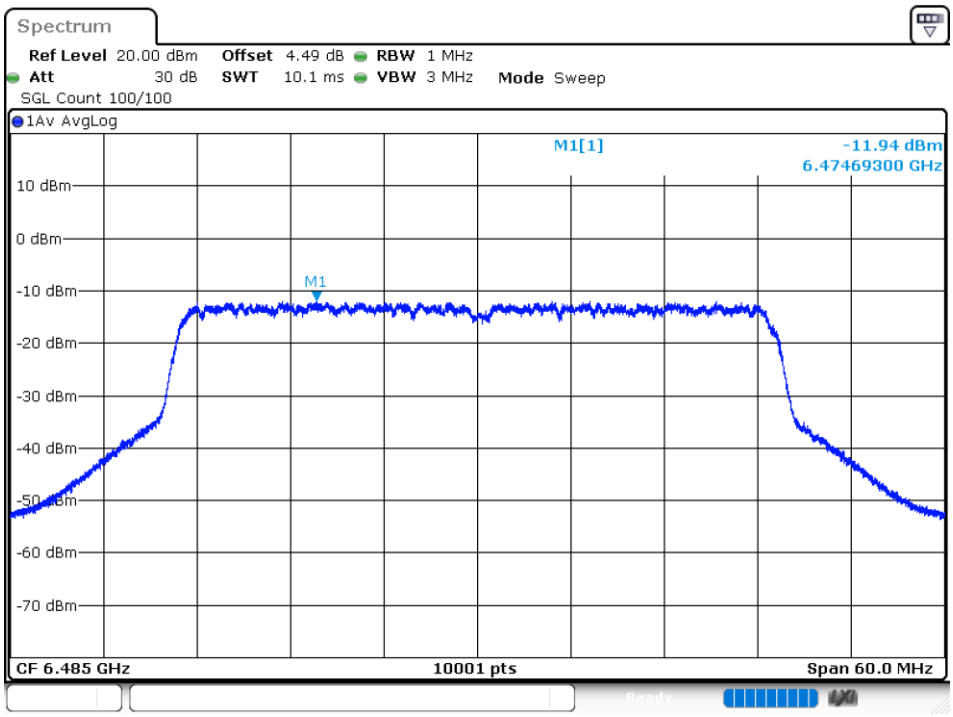
PSD NVNT ax40 6525MHz Ant1



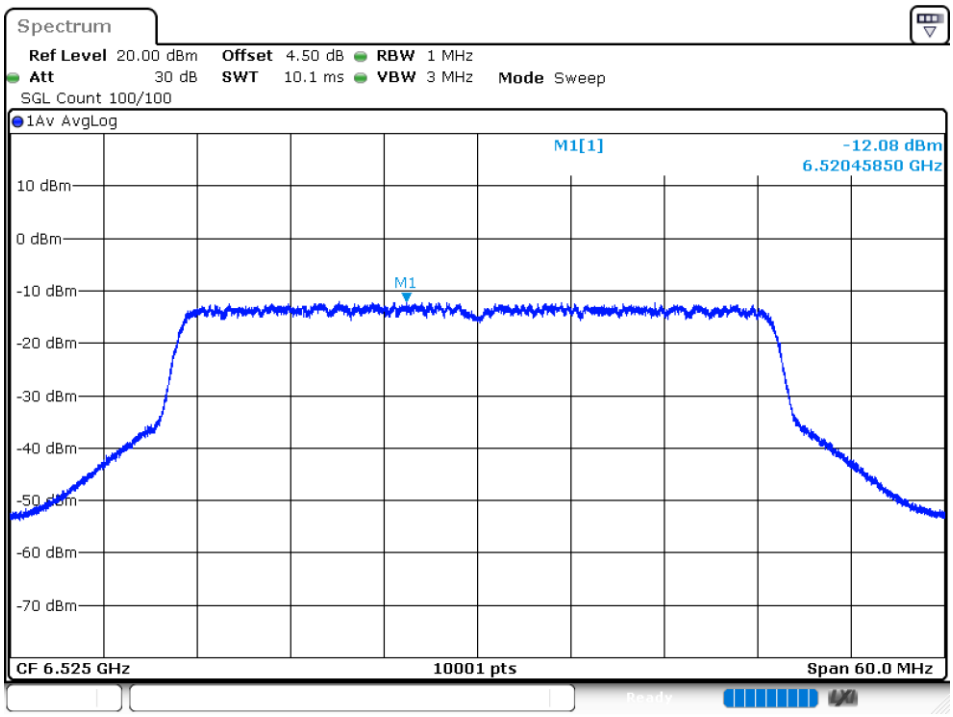
PSD NVNT ax40 6445MHz Ant2



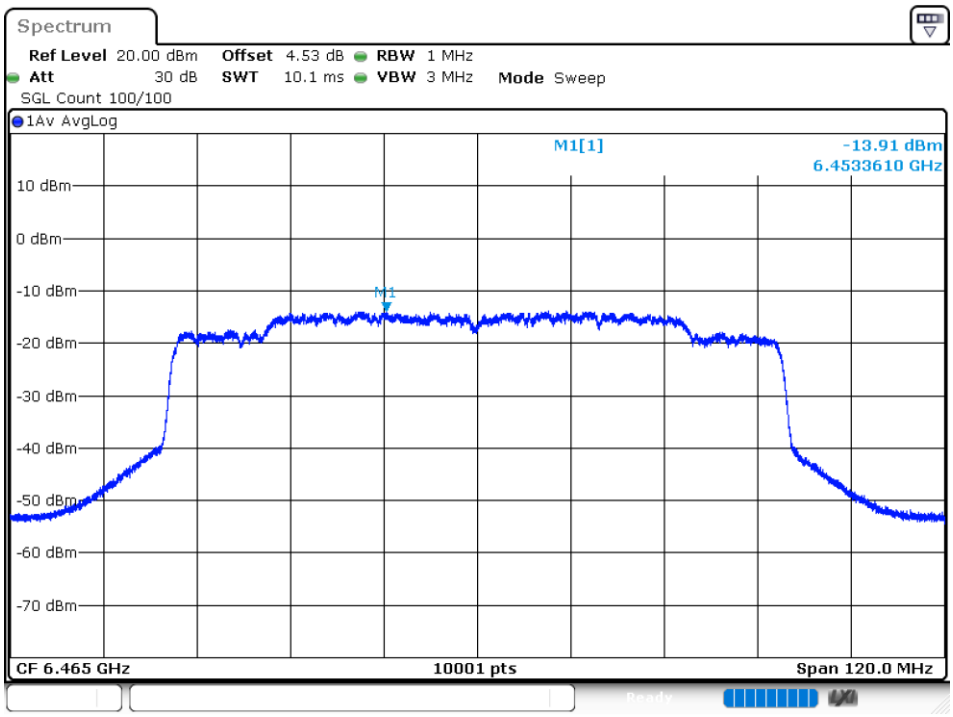
PSD NVNT ax40 6485MHz Ant2



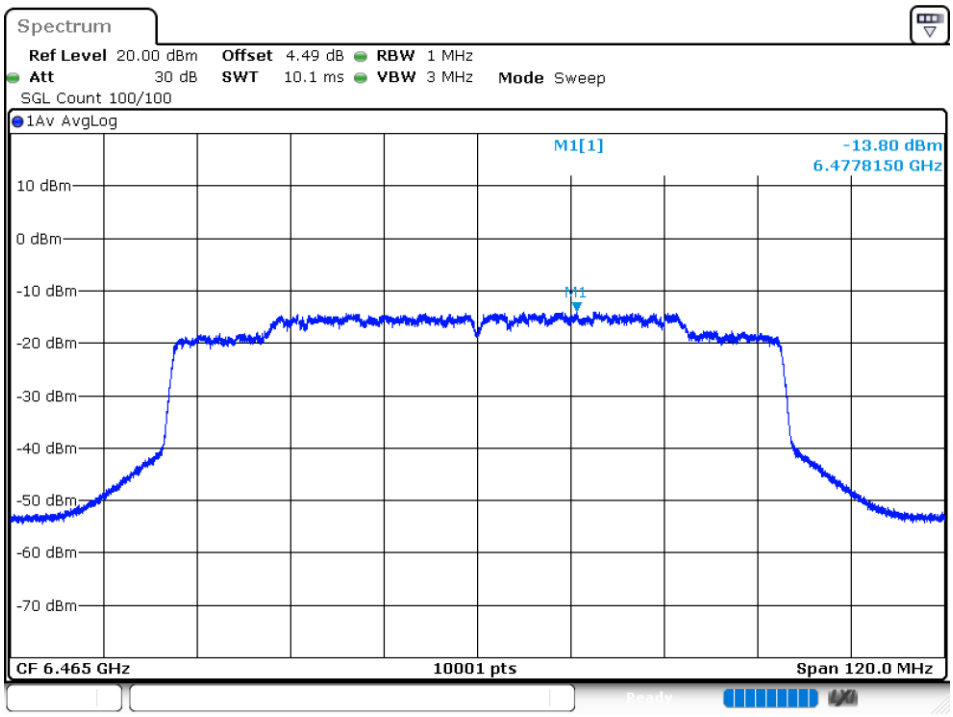
PSD NVNT ax40 6525MHz Ant2



PSD NVNT ax80 6465MHz Ant1



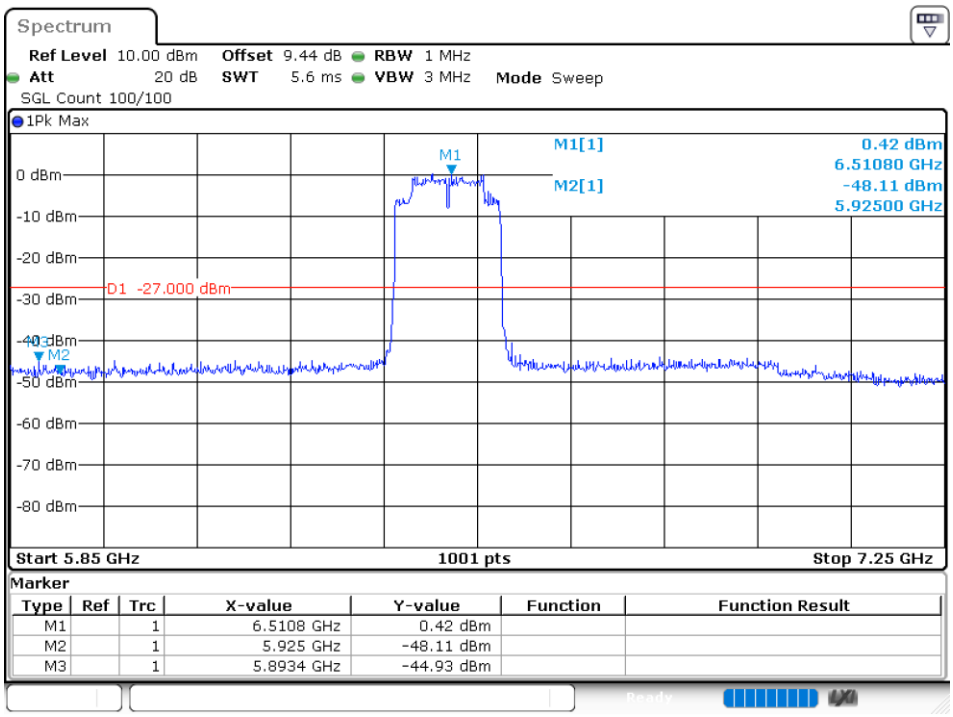
PSD NVNT ax80 6465MHz Ant2



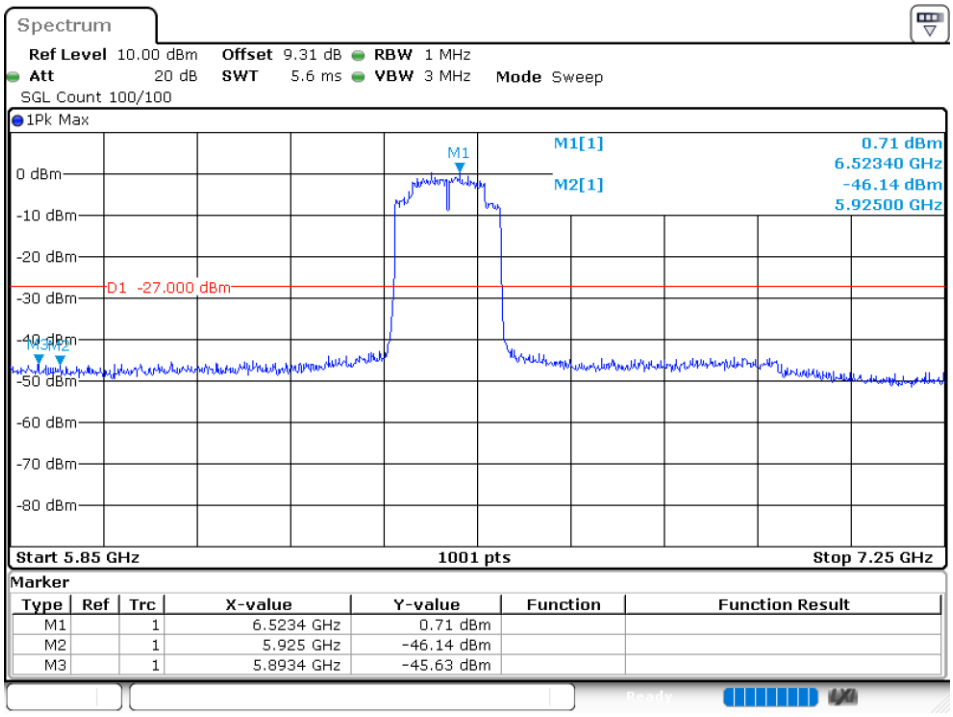
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	-44.92	-27	Pass
NVNT	ax160	6505	Ant2	-45.62	-27	Pass
NVNT	ax20	6435	Ant1	-45.32	-27	Pass
NVNT	ax20	6435	Ant2	-46.56	-27	Pass
NVNT	ax20	6515	Ant1	-47.2	-27	Pass
NVNT	ax20	6515	Ant2	-47.98	-27	Pass
NVNT	ax40	6445	Ant1	-46.41	-27	Pass
NVNT	ax40	6445	Ant2	-45.22	-27	Pass
NVNT	ax40	6525	Ant1	-47.79	-27	Pass
NVNT	ax40	6525	Ant2	-47.83	-27	Pass
NVNT	ax80	6465	Ant1	-44.96	-27	Pass
NVNT	ax80	6465	Ant2	-45.6	-27	Pass

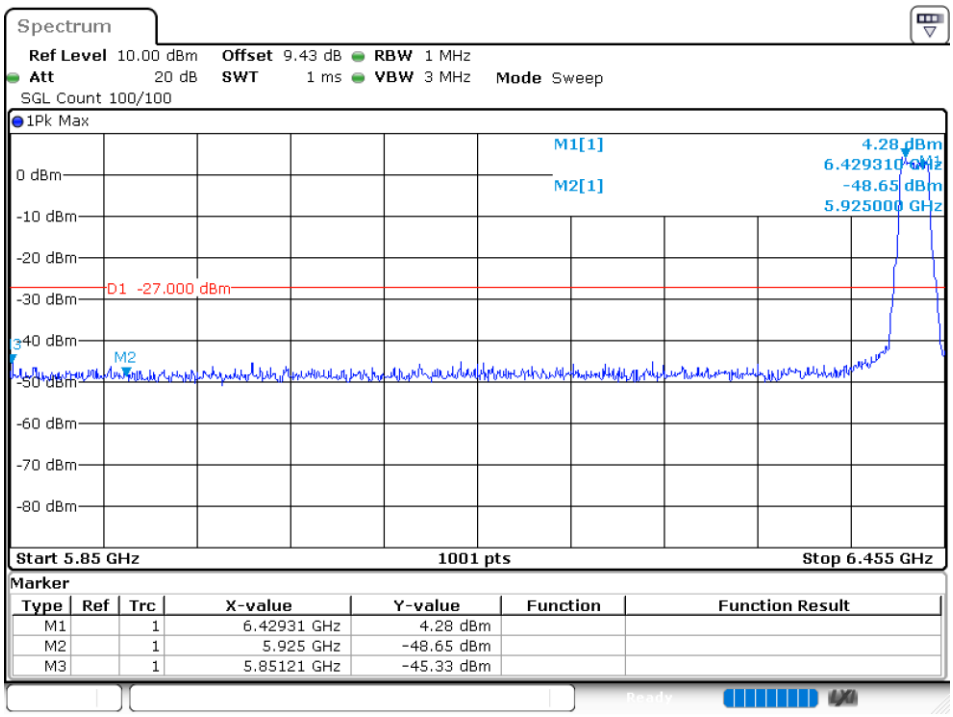
Test Graphs
Band Edge NVNT ax160 6505MHz Low Ant1



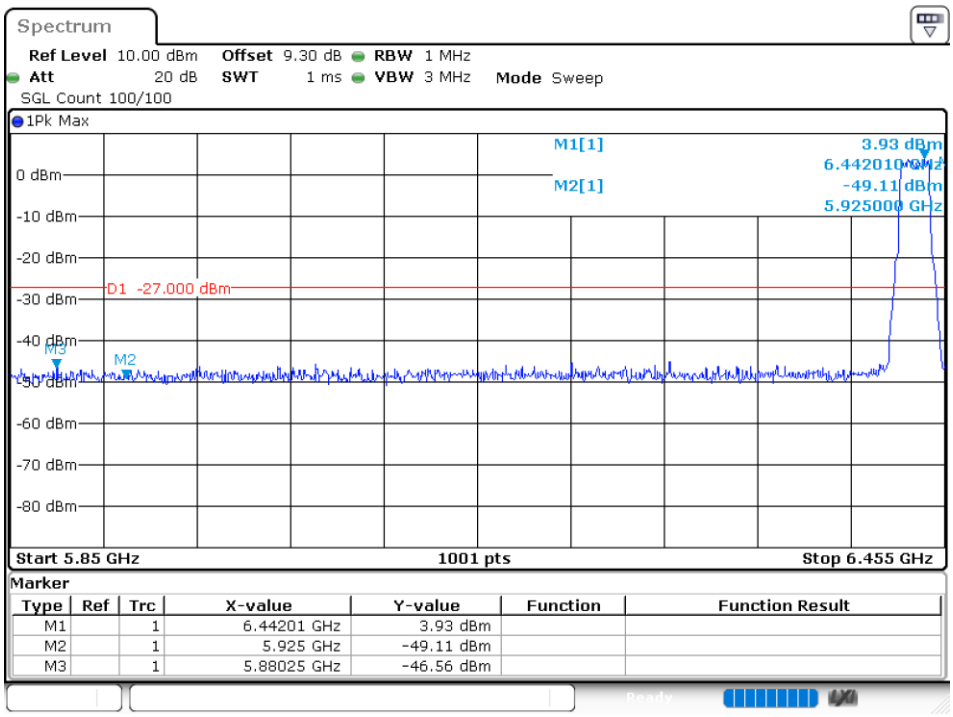
Band Edge NVNT ax160 6505MHz Low Ant2



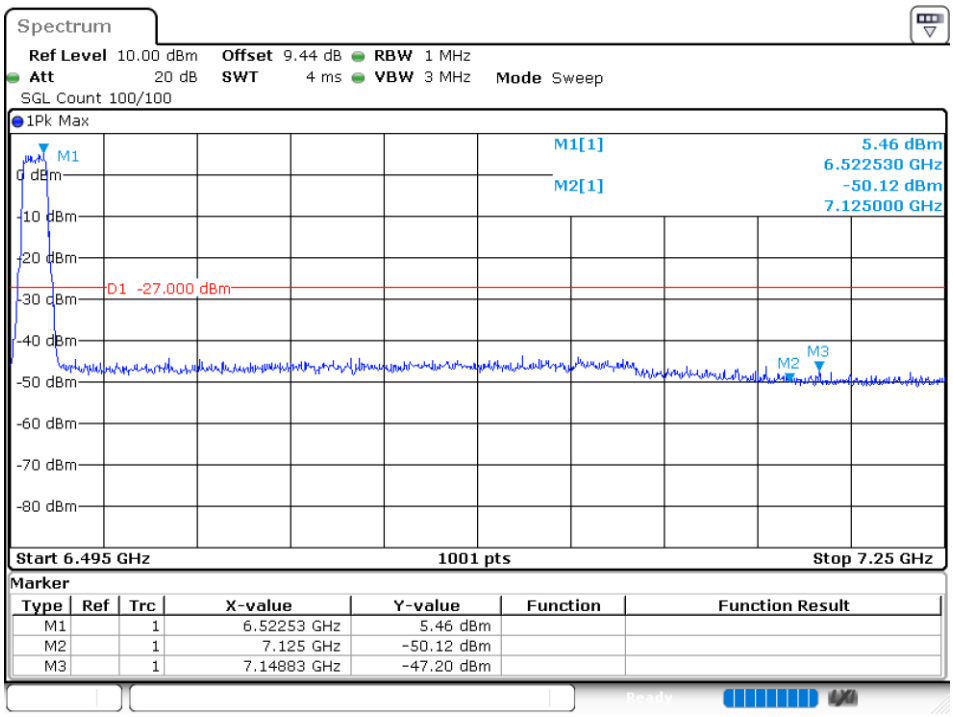
Band Edge NVNT ax20 6435MHz Low Ant1



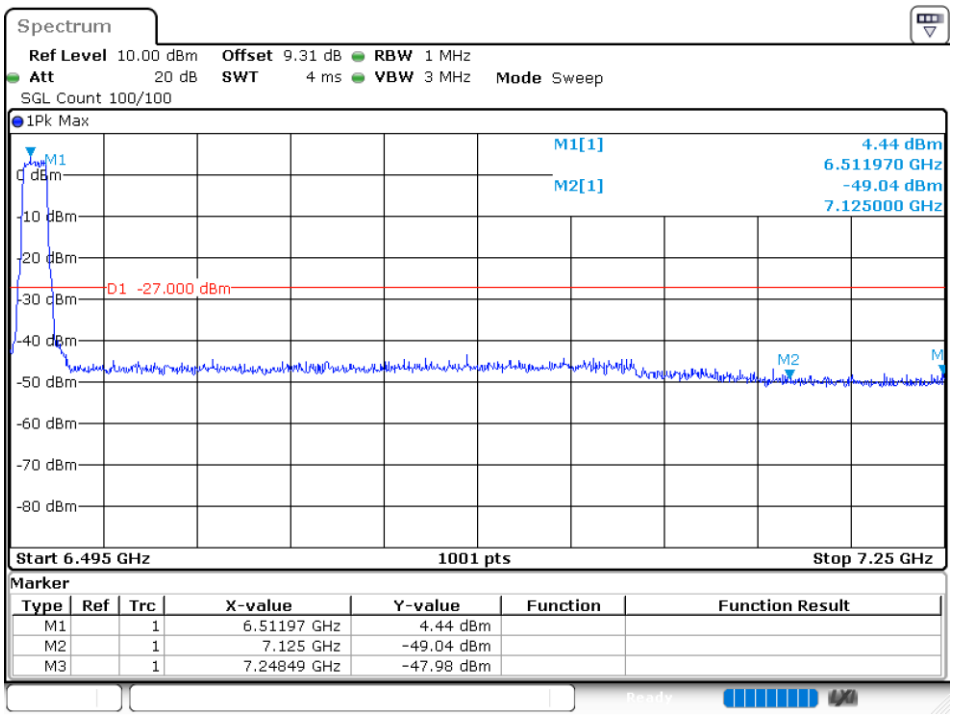
Band Edge NVNT ax20 6435MHz Low Ant2



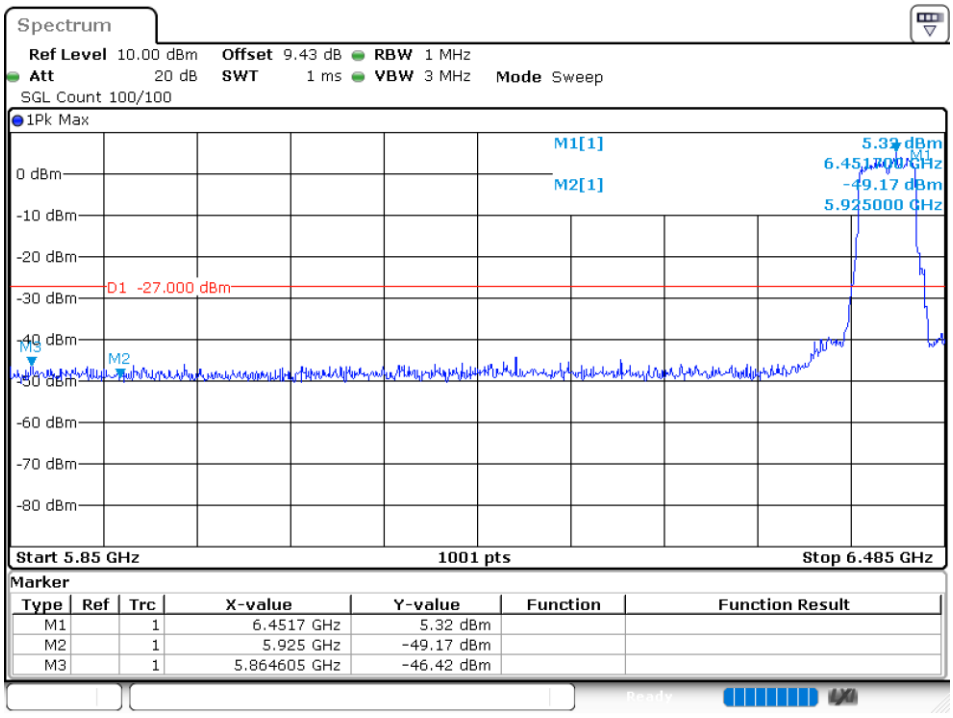
Band Edge NVNT ax20 6515MHz High Ant1



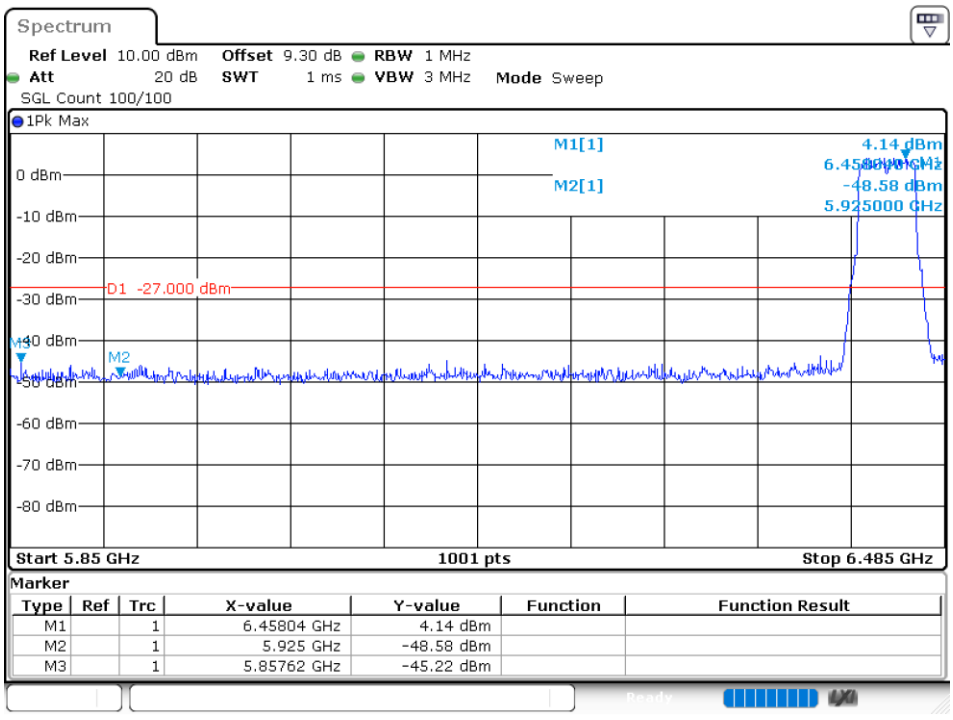
Band Edge NVNT ax20 6515MHz High Ant2



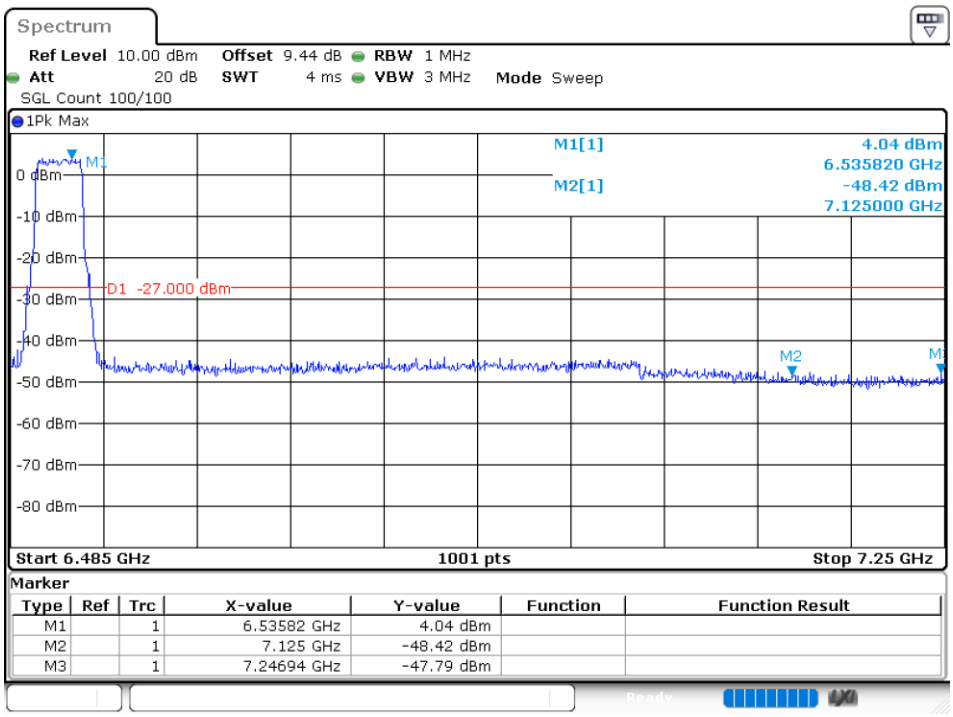
Band Edge NVNT ax40 6445MHz Low Ant1



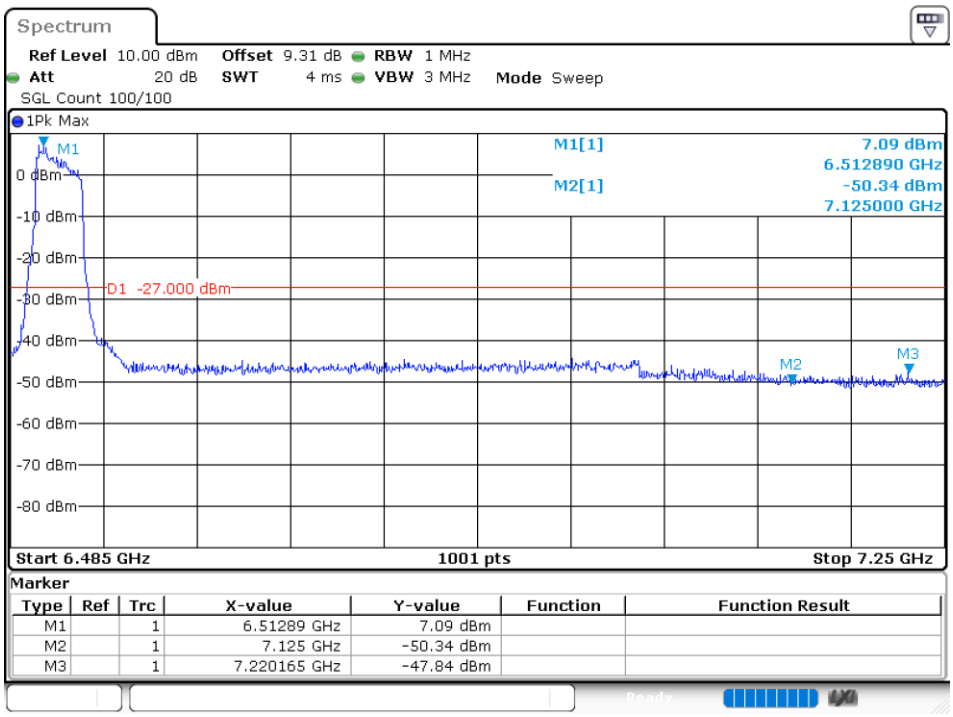
Band Edge NVNT ax40 6445MHz Low Ant2



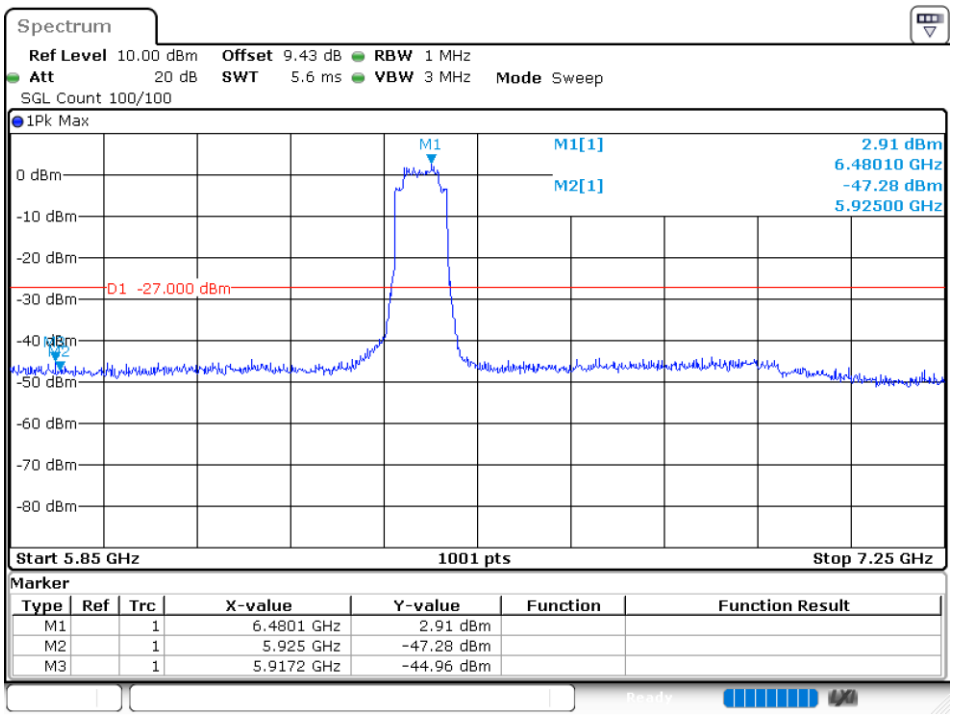
Band Edge NVNT ax40 6525MHz High Ant1



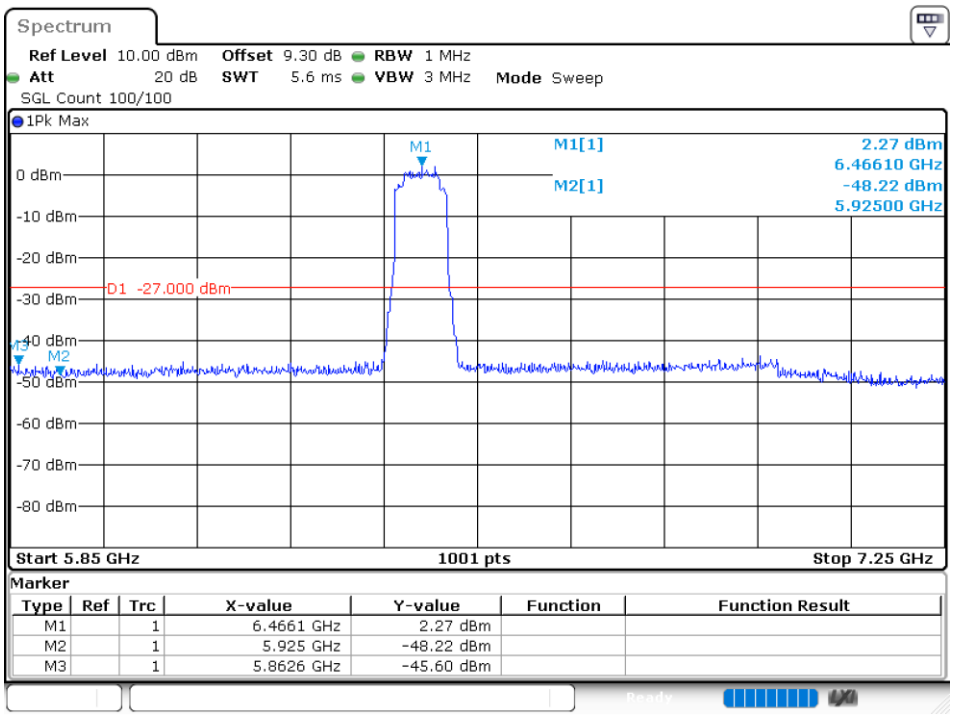
Band Edge NVNT ax40 6525MHz High Ant2



Band Edge NVNT ax80 6465MHz Low Ant1



Band Edge NVNT ax80 6465MHz Low Ant2

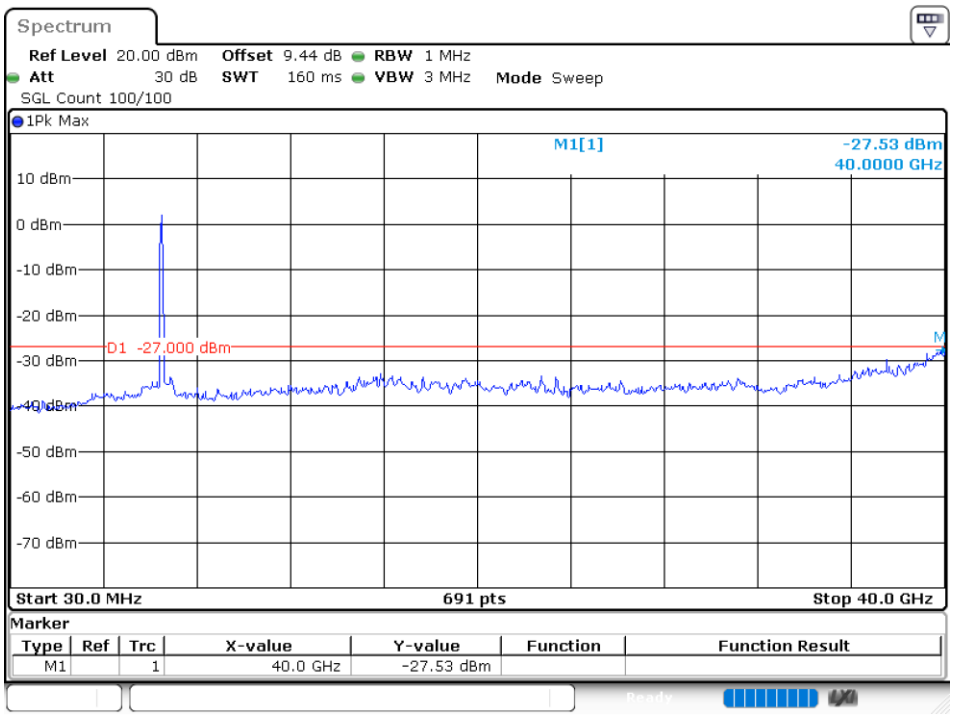


Conducted RF Spurious Emission

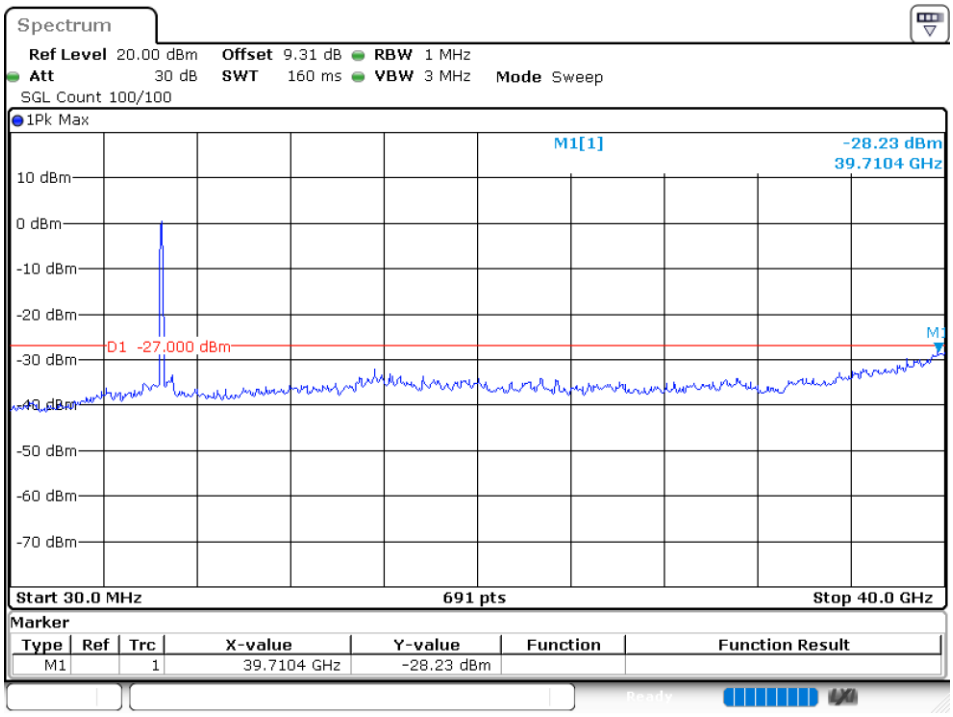
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	-27.52	-27	Pass
NVNT	ax160	6505	Ant2	-28.23	-27	Pass
NVNT	ax20	6435	Ant1	-38.6	-27	Pass
NVNT	ax20	6435	Ant2	-37.45	-27	Pass
NVNT	ax20	6475	Ant1	-38.02	-27	Pass
NVNT	ax20	6475	Ant2	-38.6	-27	Pass
NVNT	ax20	6515	Ant1	-38.54	-27	Pass
NVNT	ax20	6515	Ant2	-39.03	-27	Pass
NVNT	ax40	6445	Ant1	-27.03	-27	Pass
NVNT	ax40	6445	Ant2	-27.39	-27	Pass
NVNT	ax40	6485	Ant1	-28.56	-27	Pass
NVNT	ax40	6485	Ant2	-29.33	-27	Pass
NVNT	ax40	6525	Ant1	-38.24	-27	Pass
NVNT	ax40	6525	Ant2	-38.29	-27	Pass
NVNT	ax80	6465	Ant1	-38.42	-27	Pass
NVNT	ax80	6465	Ant2	-38.39	-27	Pass

Test Graphs

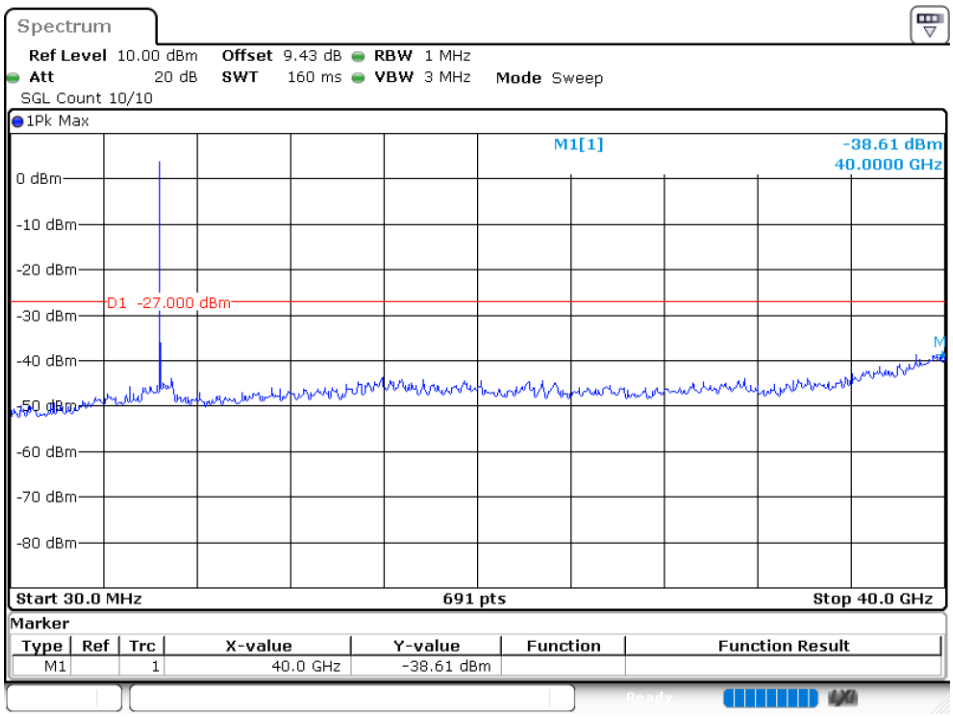
Tx. Spurious NVNT ax160 6505MHz Ant1 Emission



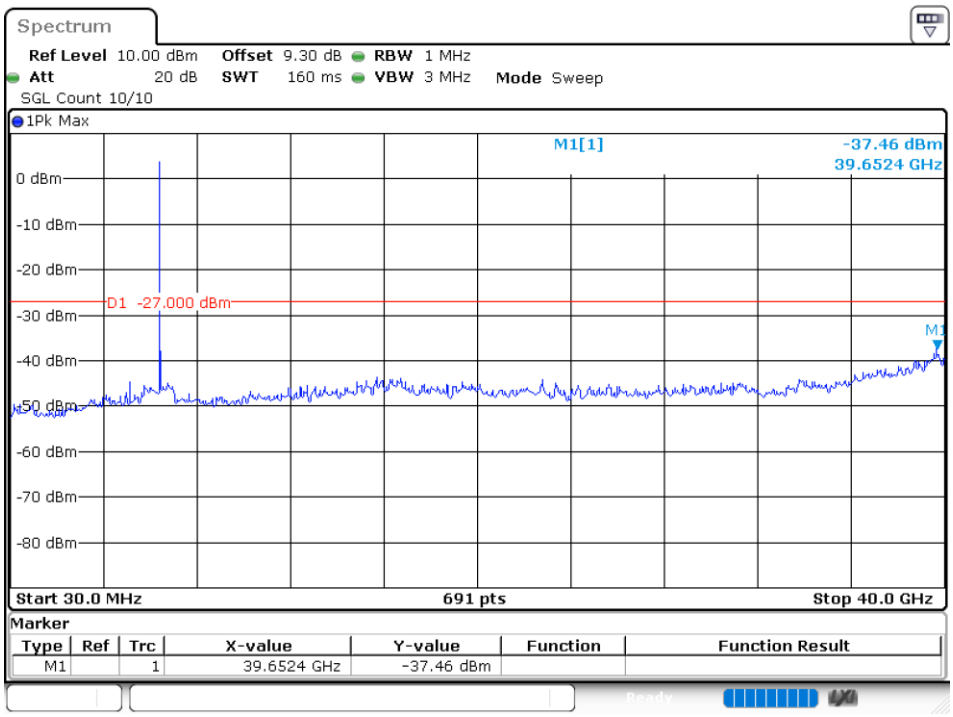
Tx. Spurious NVNT ax160 6505MHz Ant2 Emission



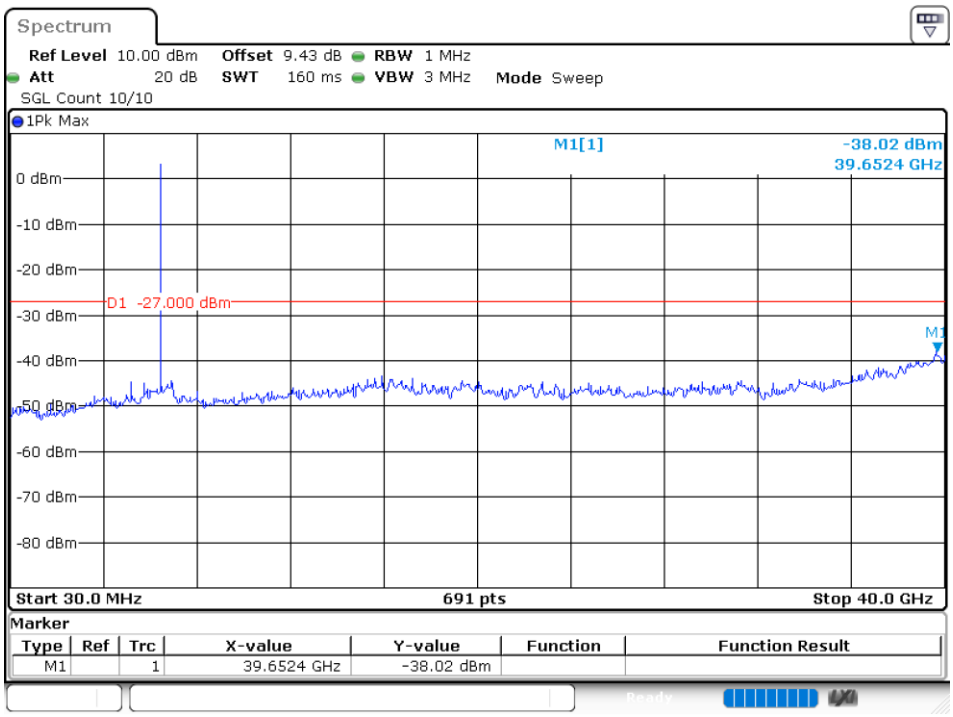
Tx. Spurious NVNT ax20 6435MHz Ant1 Emission



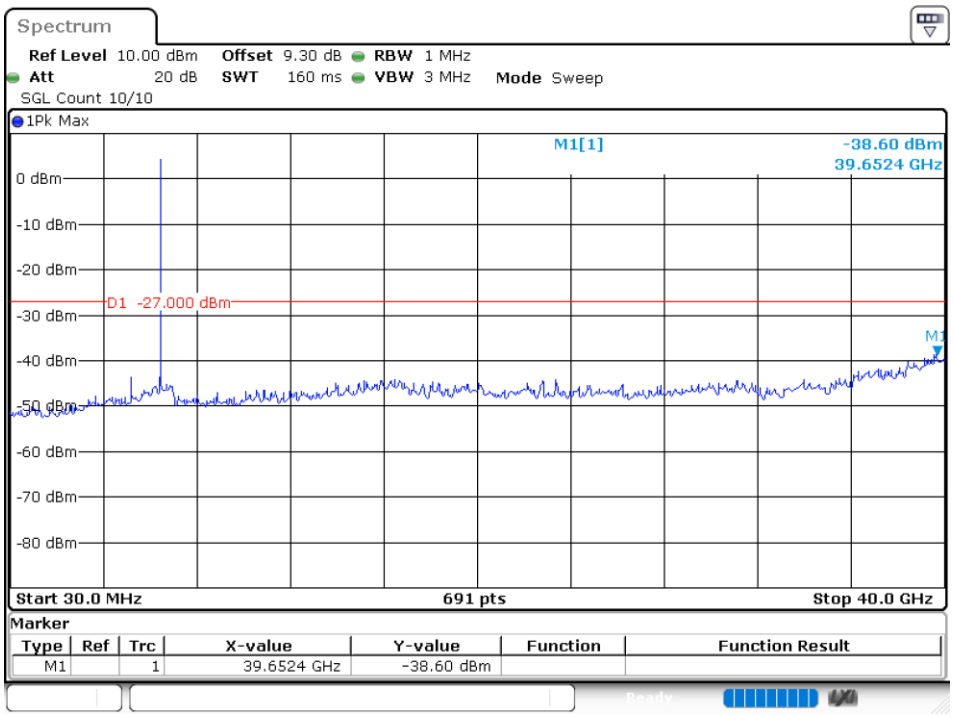
Tx. Spurious NVNT ax20 6435MHz Ant2 Emission



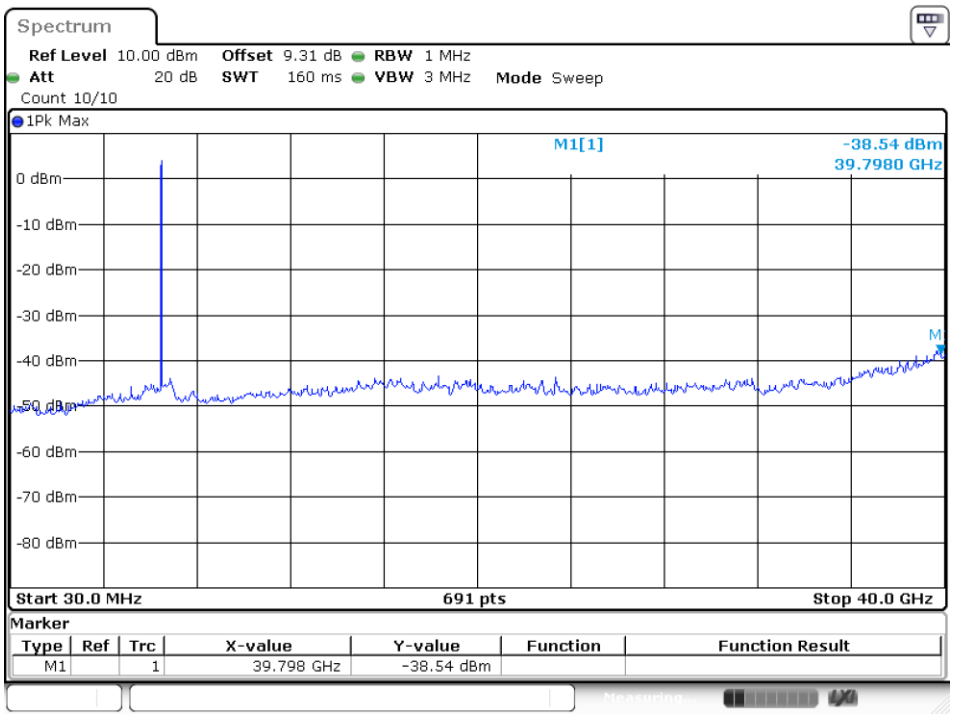
Tx. Spurious NVNT ax20 6475MHz Ant1 Emission



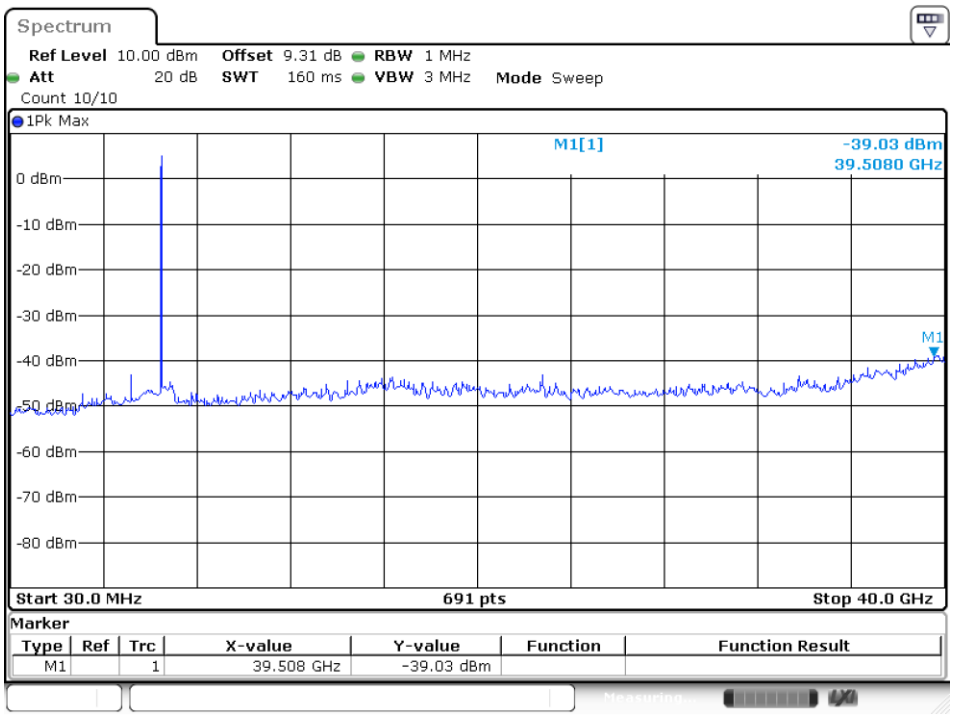
Tx. Spurious NVNT ax20 6475MHz Ant2 Emission



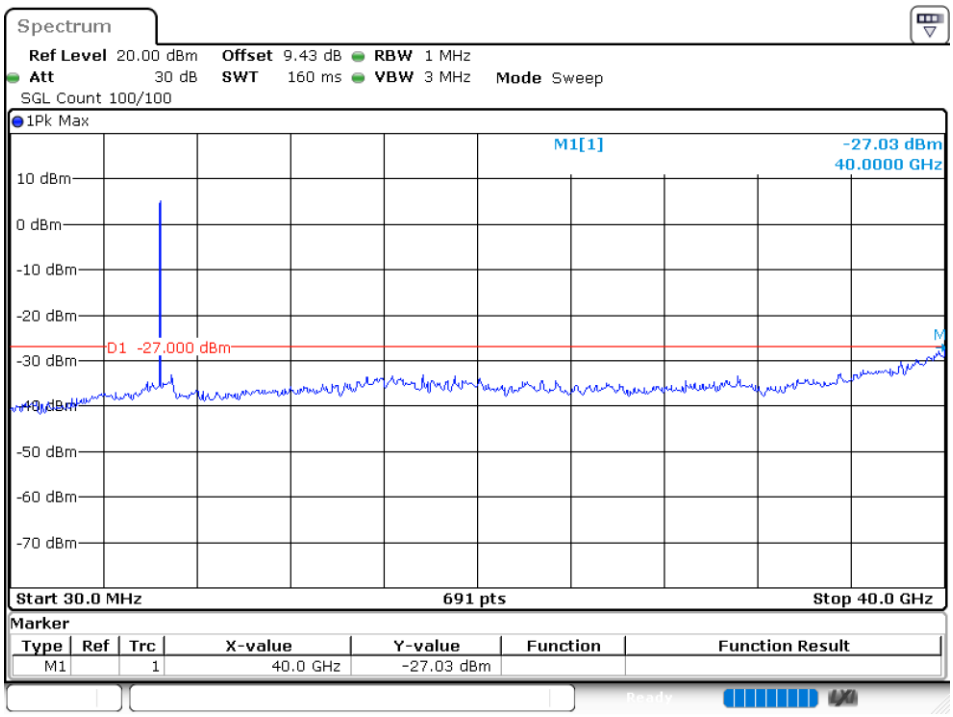
Tx. Spurious NVNT ax20 6515MHz Ant1 Emission



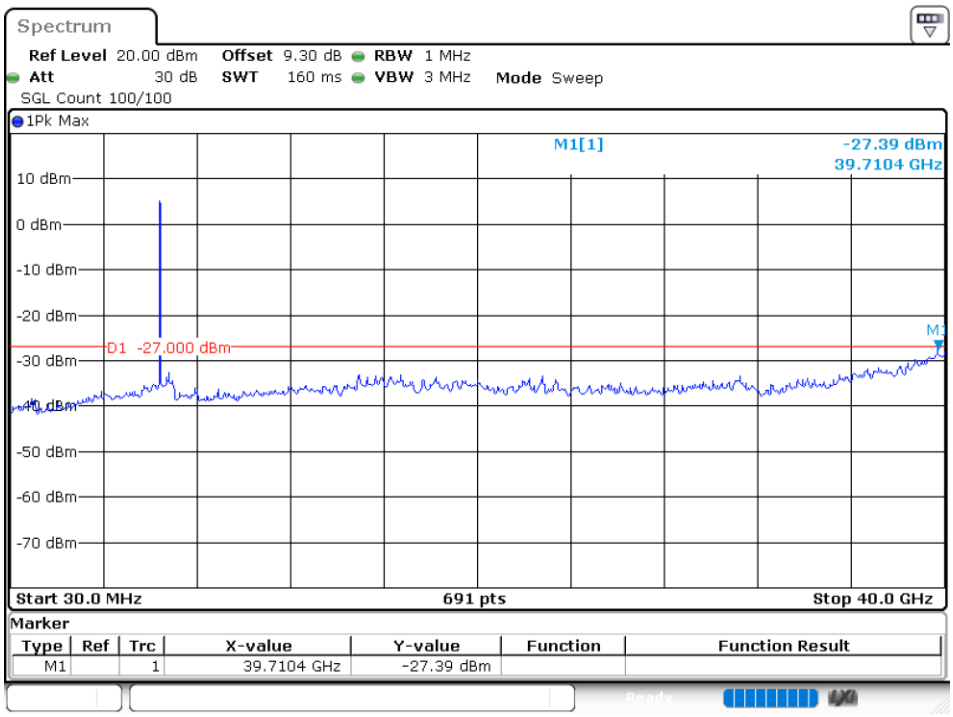
Tx. Spurious NVNT ax20 6515MHz Ant2 Emission



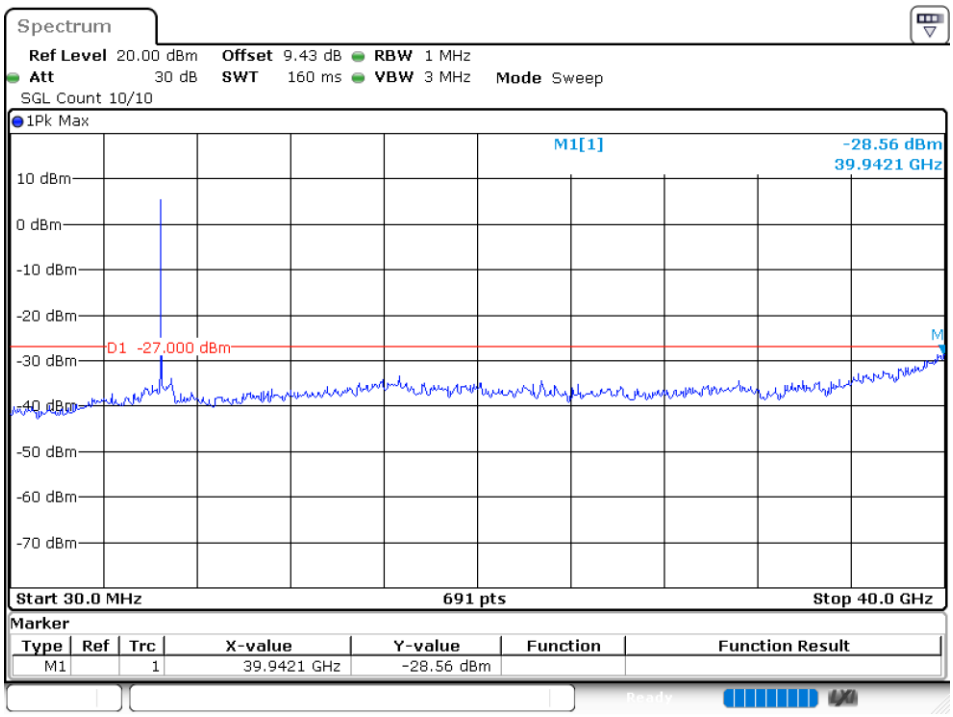
Tx. Spurious NVNT ax40 6445MHz Ant1 Emission



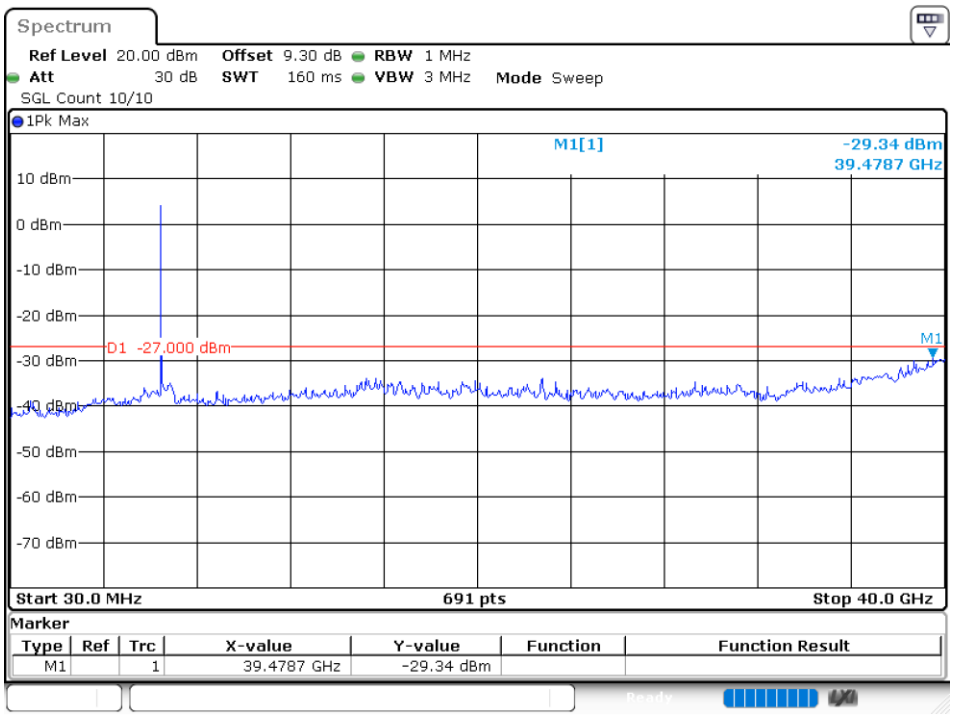
Tx. Spurious NVNT ax40 6445MHz Ant2 Emission



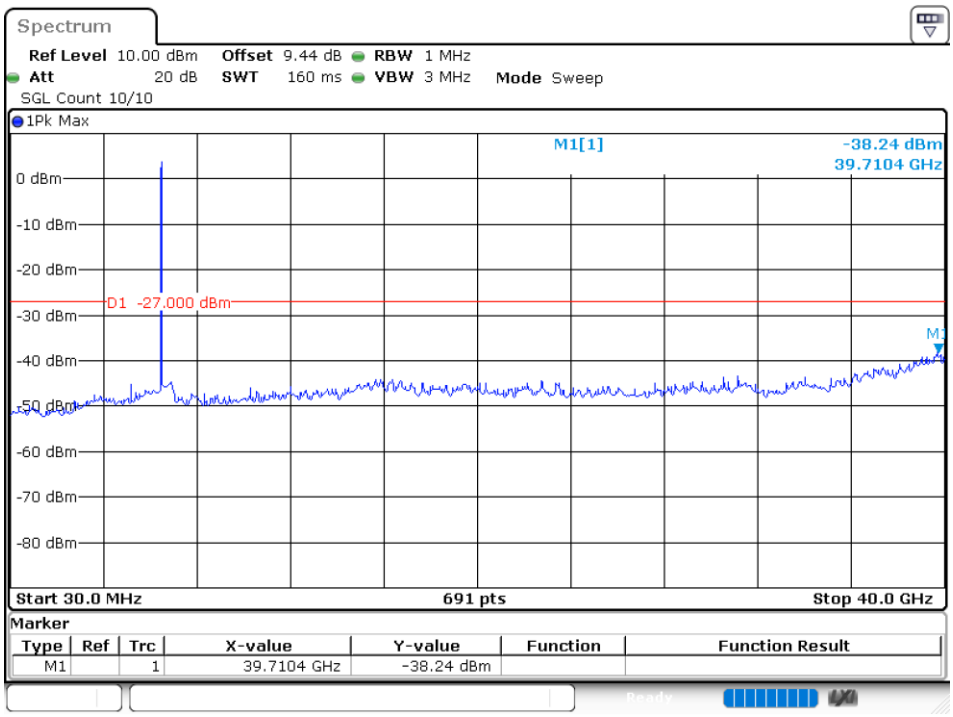
Tx. Spurious NVNT ax40 6485MHz Ant1 Emission



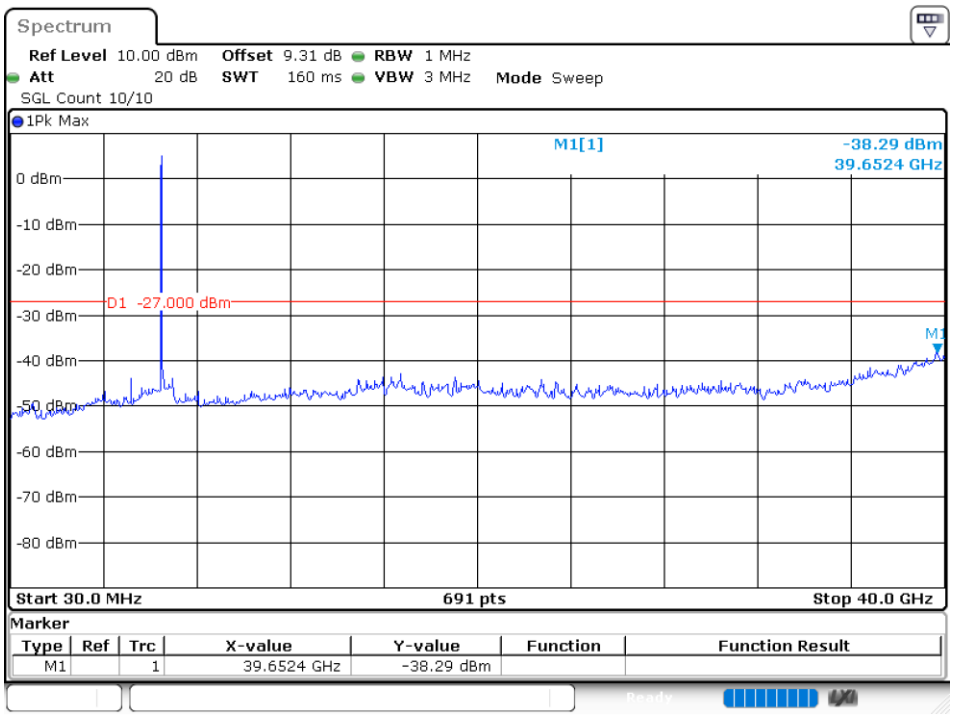
Tx. Spurious NVNT ax40 6485MHz Ant2 Emission



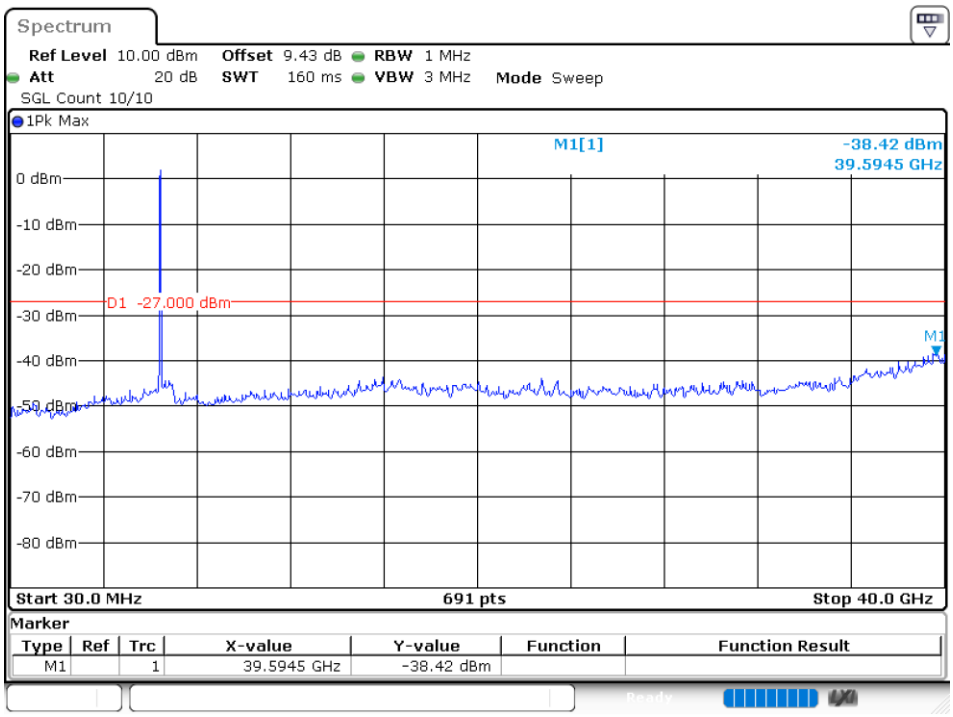
Tx. Spurious NVNT ax40 6525MHz Ant1 Emission



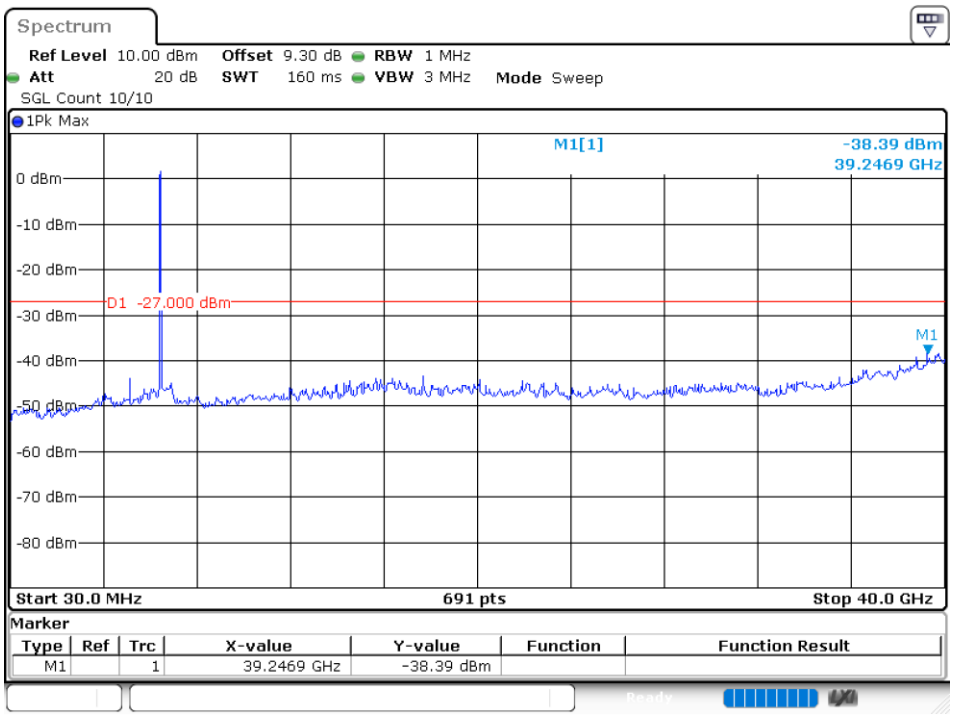
Tx. Spurious NVNT ax40 6525MHz Ant2 Emission



Tx. Spurious NVNT ax80 6465MHz Ant1 Emission



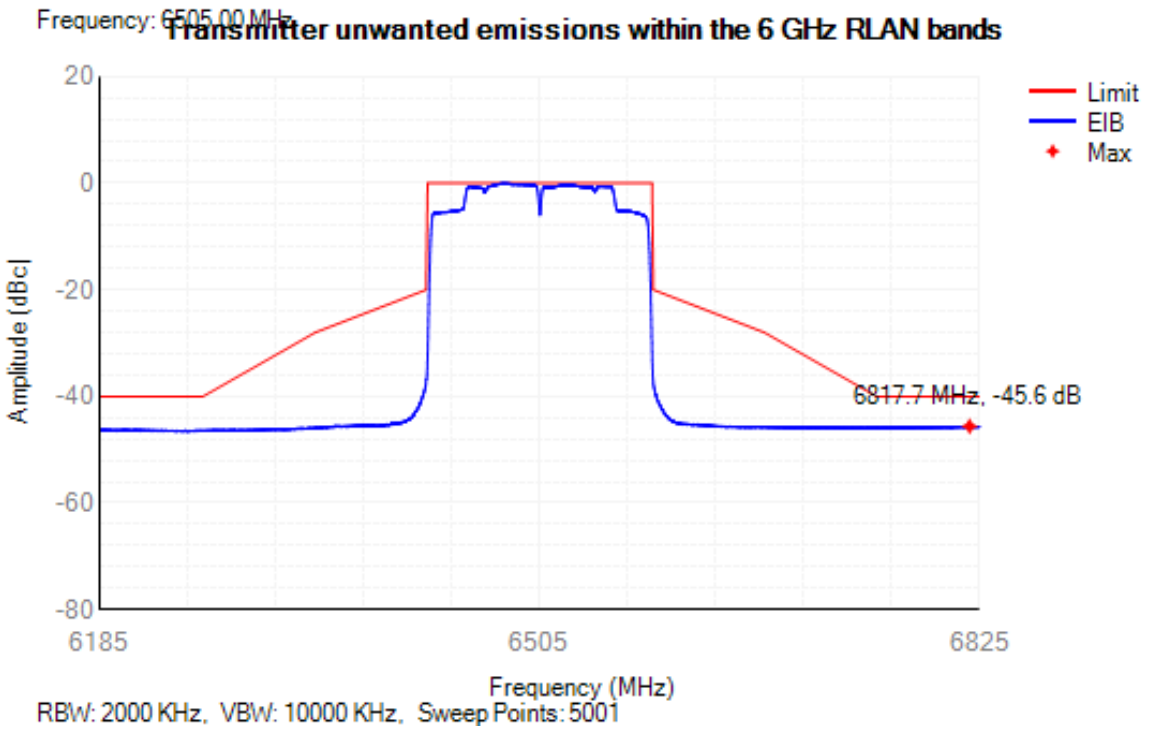
Tx. Spurious NVNT ax80 6465MHz Ant2 Emission



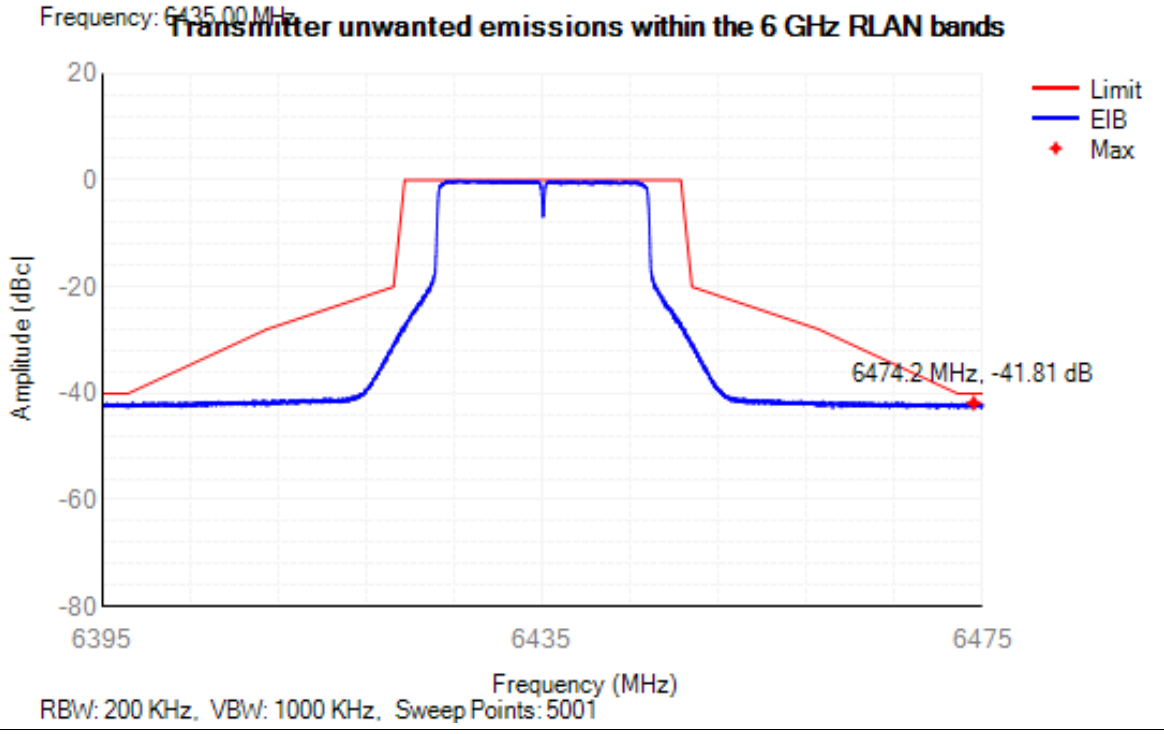
Power spectral mask

Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6505	Sum	Band1	6817.7	-45.6	-40	Pass
NVNT	ax20	6435	Sum	Band1	6474.2	-41.81	-40	Pass
NVNT	ax20	6475	Sum	Band1	6437.43	-50.25	-40	Pass
NVNT	ax20	6515	Sum	Band1	6552.71	-41.68	-40	Pass
NVNT	ax40	6445	Sum	Band1	6374.28	-41.6	-40	Pass
NVNT	ax40	6485	Sum	Band1	6461.61	-26.37	-20.02	Pass
NVNT	ax40	6525	Sum	Band1	6600.78	-41.04	-40	Pass
NVNT	ax80	6465	Sum	Band1	6621.8	-48.04	-40	Pass

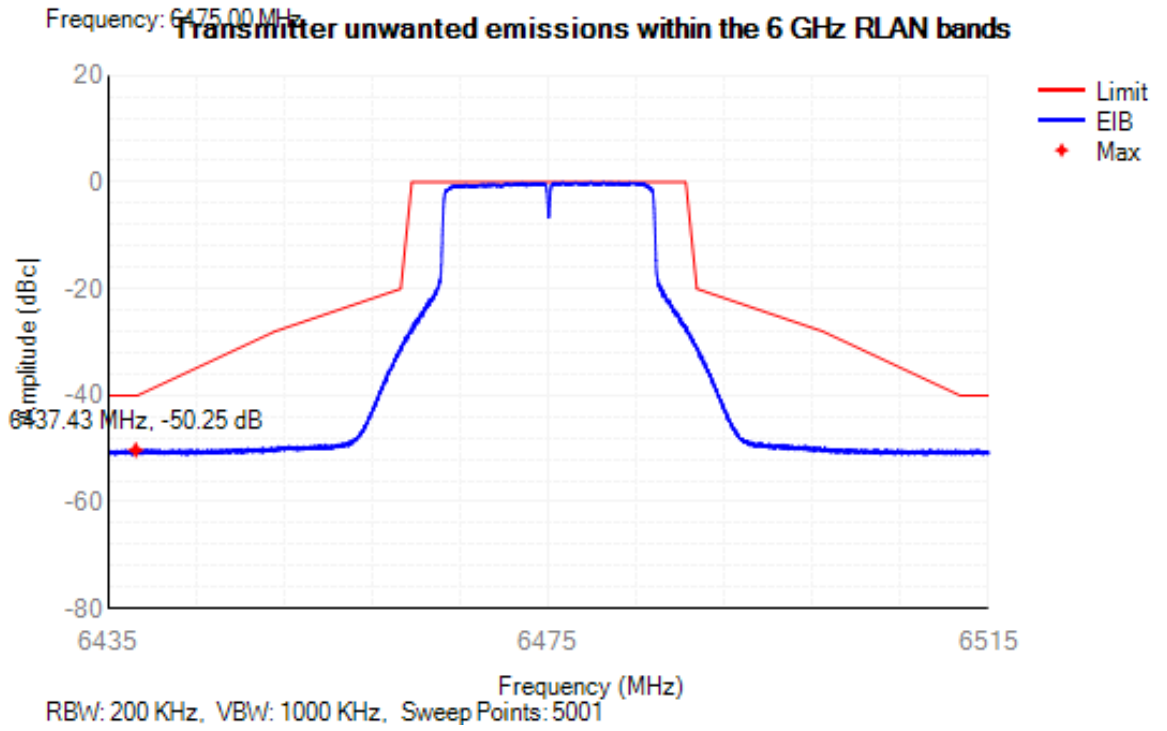
Test Graphs
Power spectral mask NVNT ax160 6505MHz



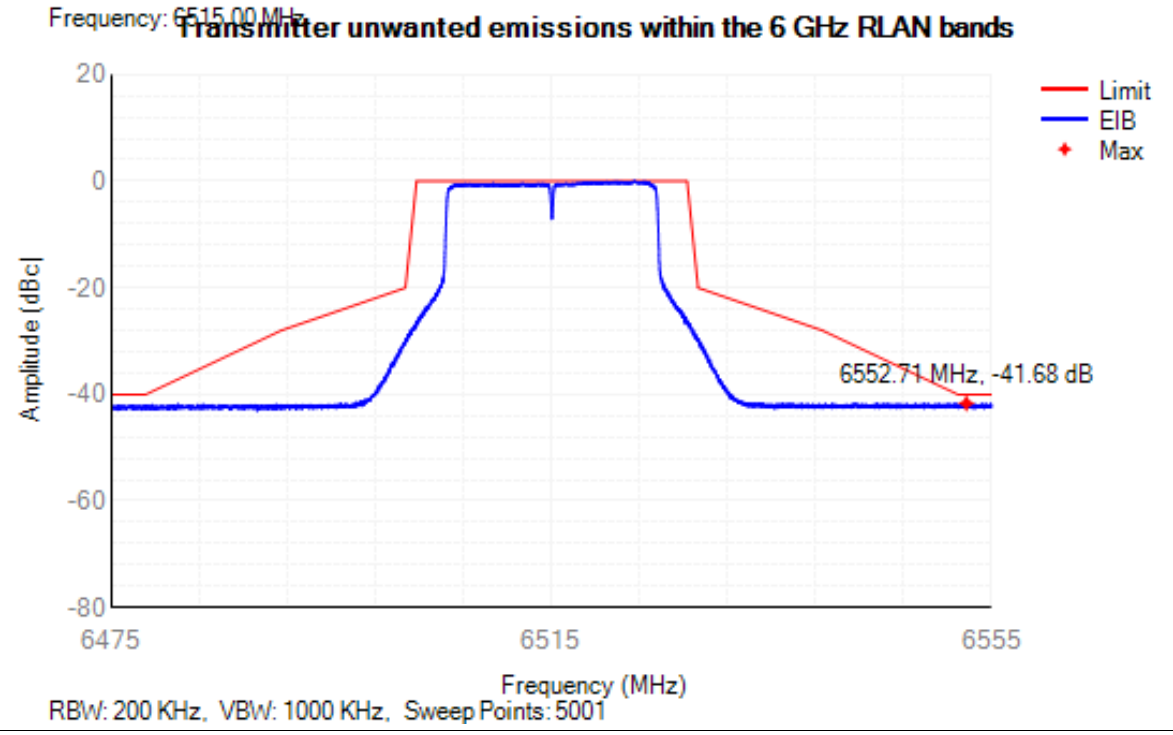
Power spectral mask NVNT ax20 6435MHz



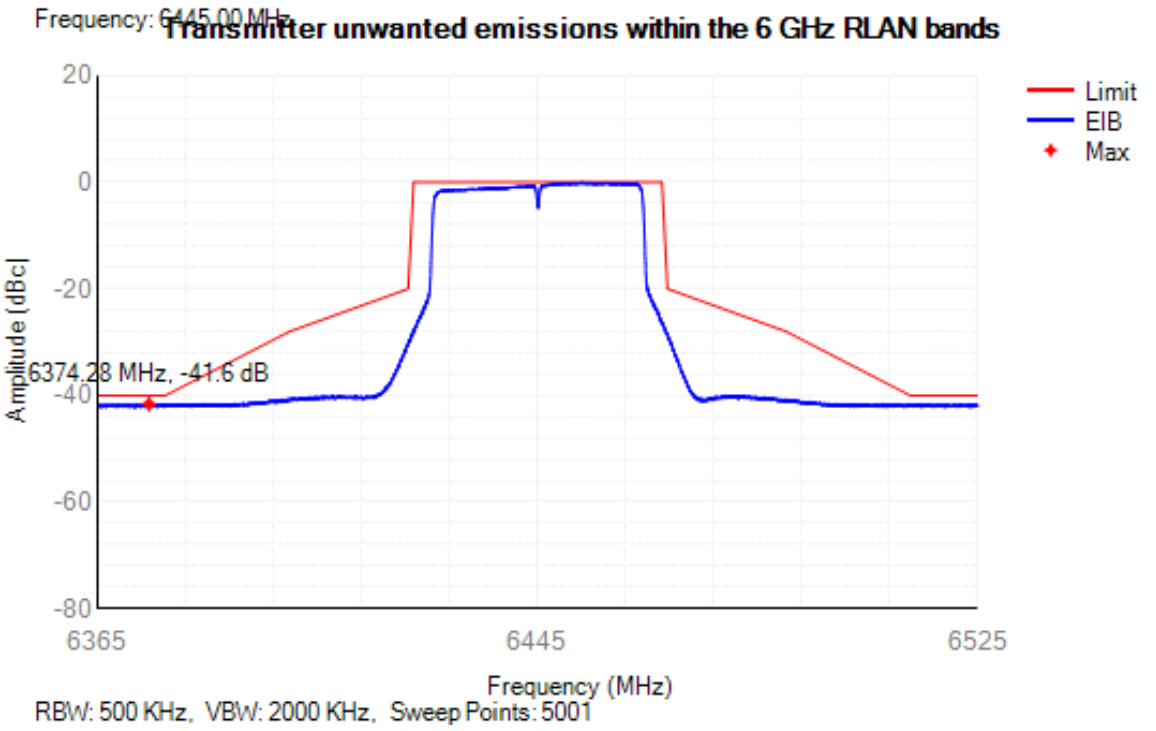
Power spectral mask NVNT ax20 6475MHz



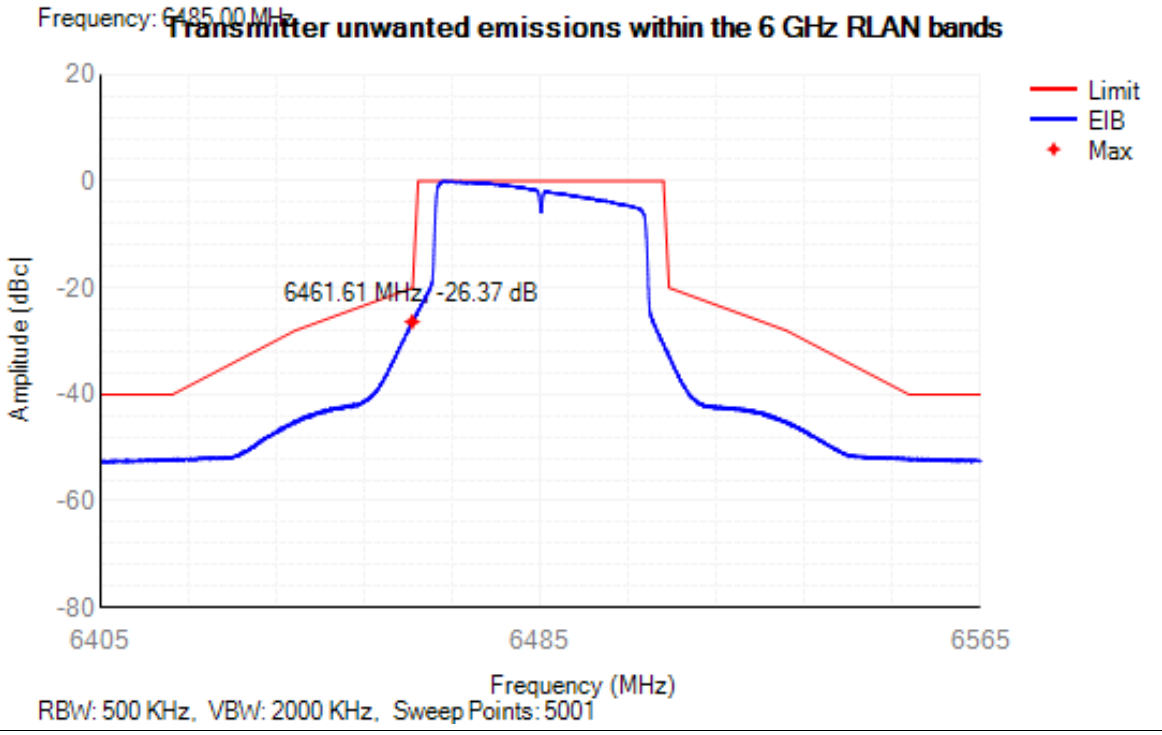
Power spectral mask NVNT ax20 6515MHz



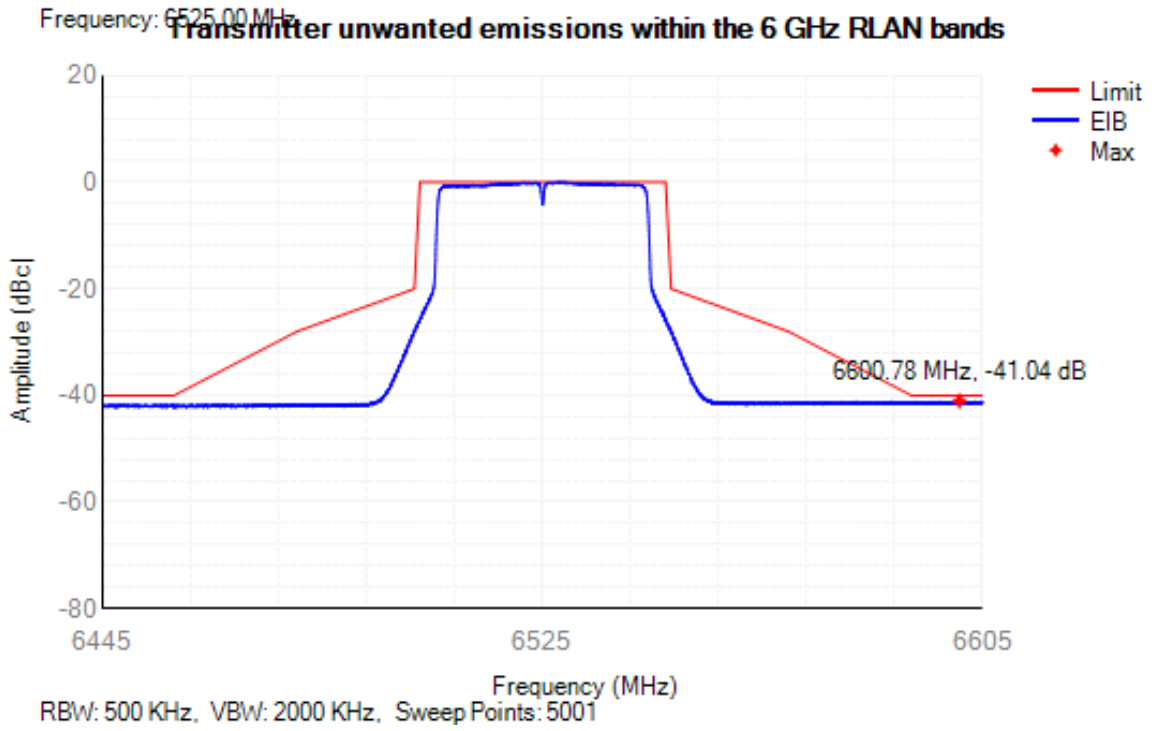
Power spectral mask NVNT ax40 6445MHz



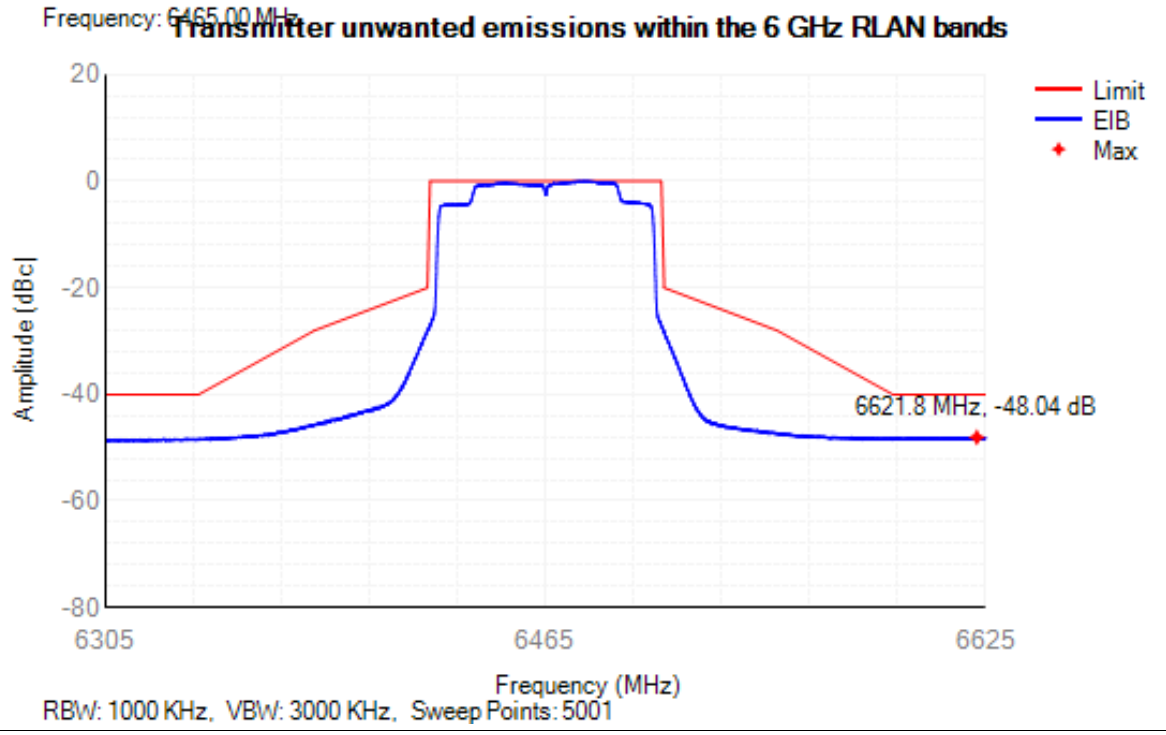
Power spectral mask NVNT ax40 6485MHz



Power spectral mask NVNT ax40 6525MHz



Power spectral mask NVNT ax80 6465MHz

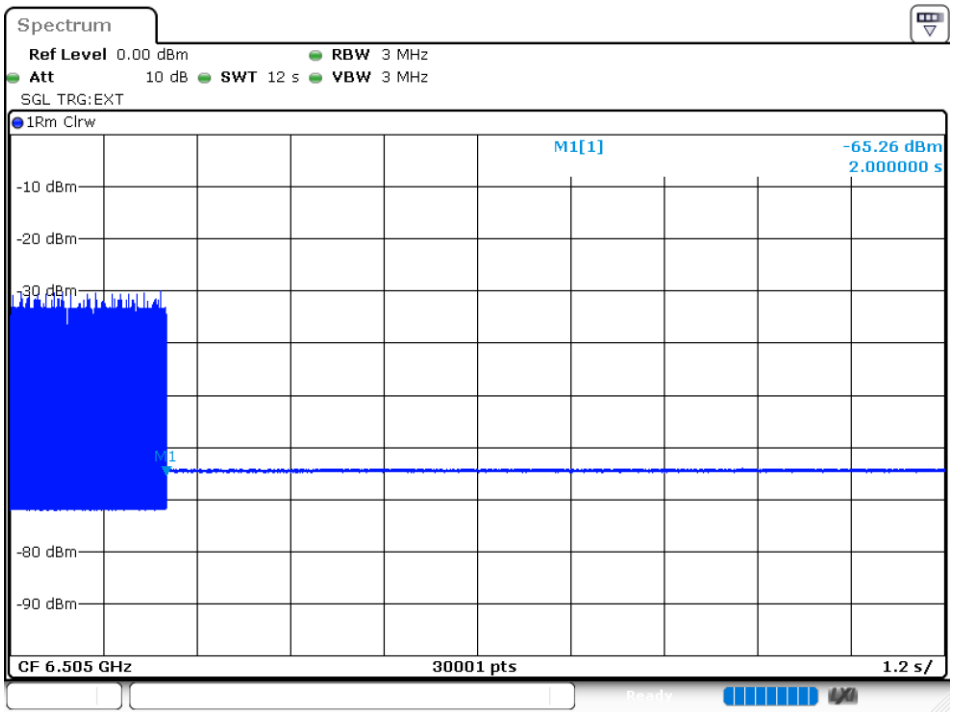


Contention Based Protocol

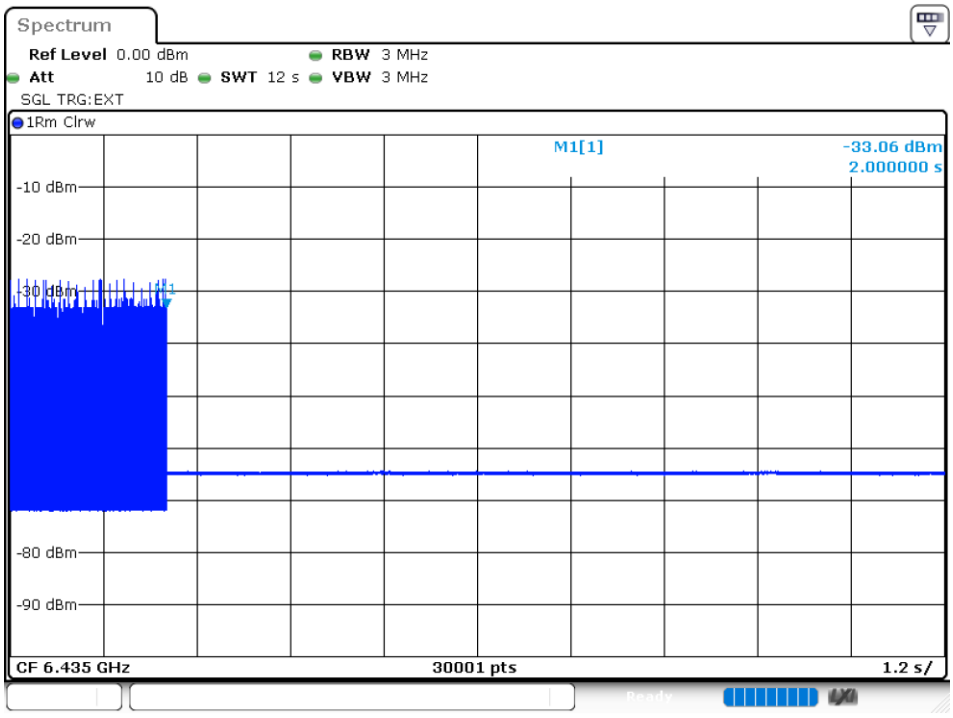
Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW20)	97	6435	6435	-64.88	OFF	-67.36	-62	10	100	>90	PASS
				-65.75	Minimal	-68.23					
				-66.77	ON	-69.25					

Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW160)	111	6505	6430	-63.62	OFF	-66.09	-62	10	100	>90	PASS
				-64.61	Minimal	-67.08					
				-65.57	ON	-68.04					
			6505	-63.16	OFF	-65.63	-62	10	100	>90	PASS
				-64.44	Minimal	-66.91					
				-65.55	ON	-68.02					
			6580	-63.73	OFF	-66.2	-62	10	100	>90	PASS
				-65.02	Minimal	-67.49					
				-66.16	ON	-68.63					

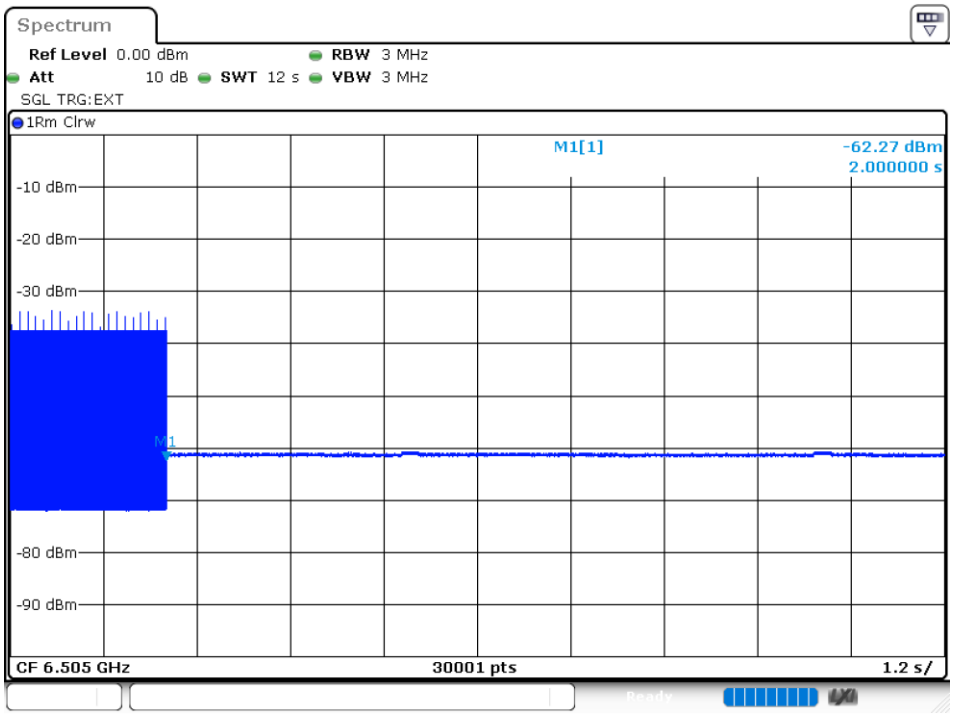
Test Graphs
Contention Based Protocol NVNT ax160 6505MHz Interfere 6430 MHz_1



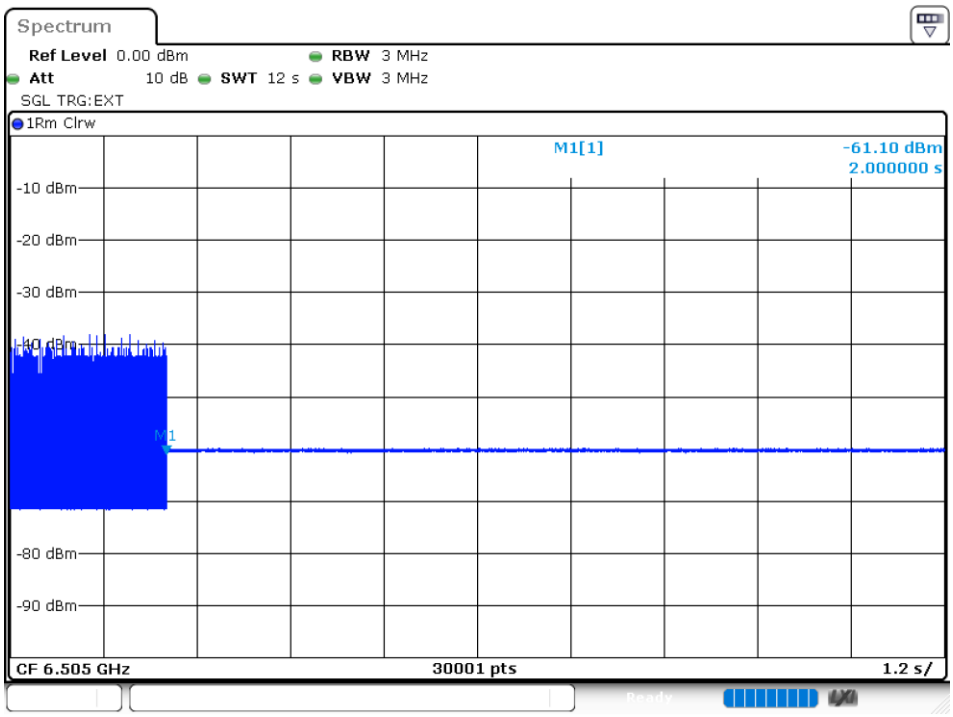
Contention Based Protocol NVNT ax20 6435MHz Interfere 6435 MHz_1



Contention Based Protocol NVNT ax160 6505MHz Interfere 6505 MHz_1



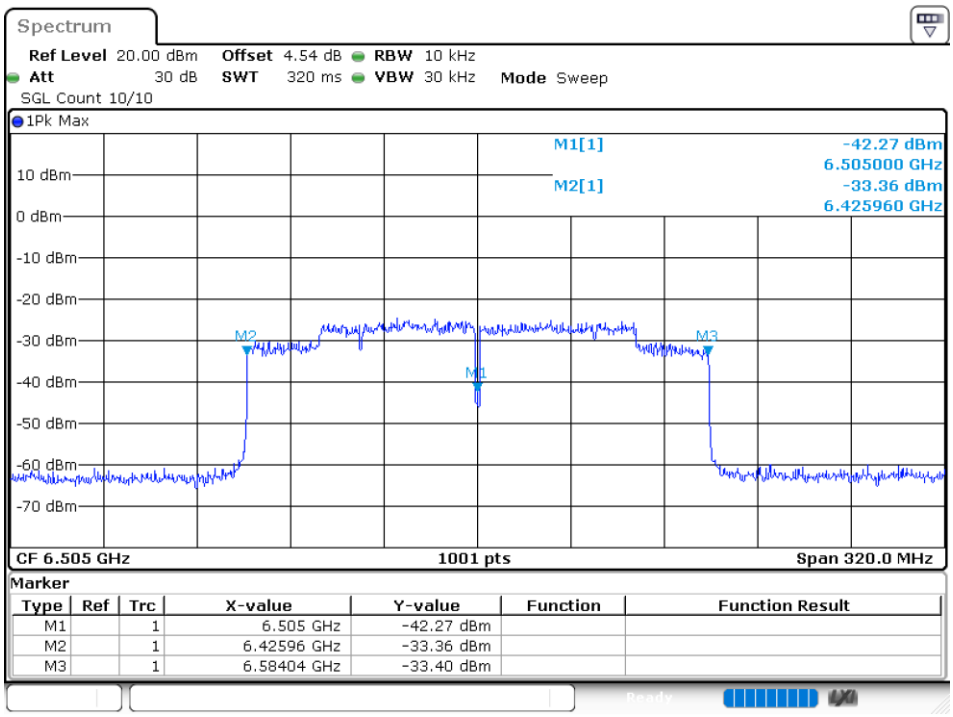
Contention Based Protocol NVNT ax160 6505MHz Interfere 6580 MHz_1



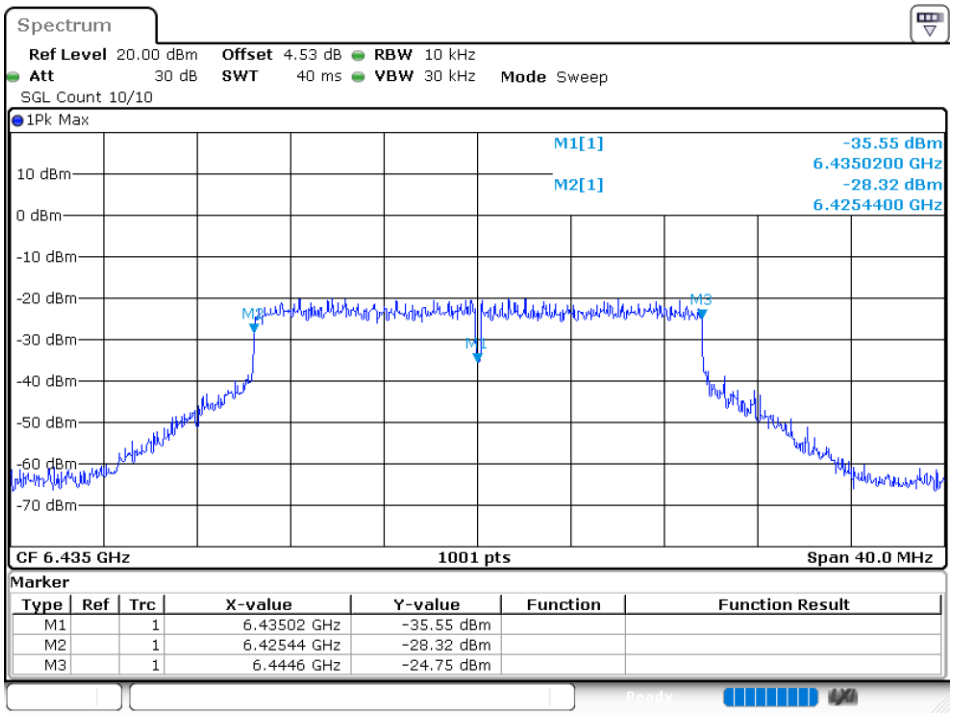
Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6505	Ant1	6505	0	0	25	Pass
NVNT	ax20	0	6435	Ant1	6435.02	20000	3.11	25	Pass
NVNT	ax20	0	6475	Ant1	6474.98	-20000	-3.09	25	Pass
NVNT	ax20	0	6515	Ant1	6515.02	20000	3.07	25	Pass
NVNT	ax40	0	6445	Ant1	6445.08	80000	12.41	25	Pass
NVNT	ax40	0	6485	Ant1	6484.92	-80000	-12.34	25	Pass
NVNT	ax40	0	6525	Ant1	6525	0	0	25	Pass
NVNT	ax80	0	6465	Ant1	6465.08	80000	12.37	25	Pass

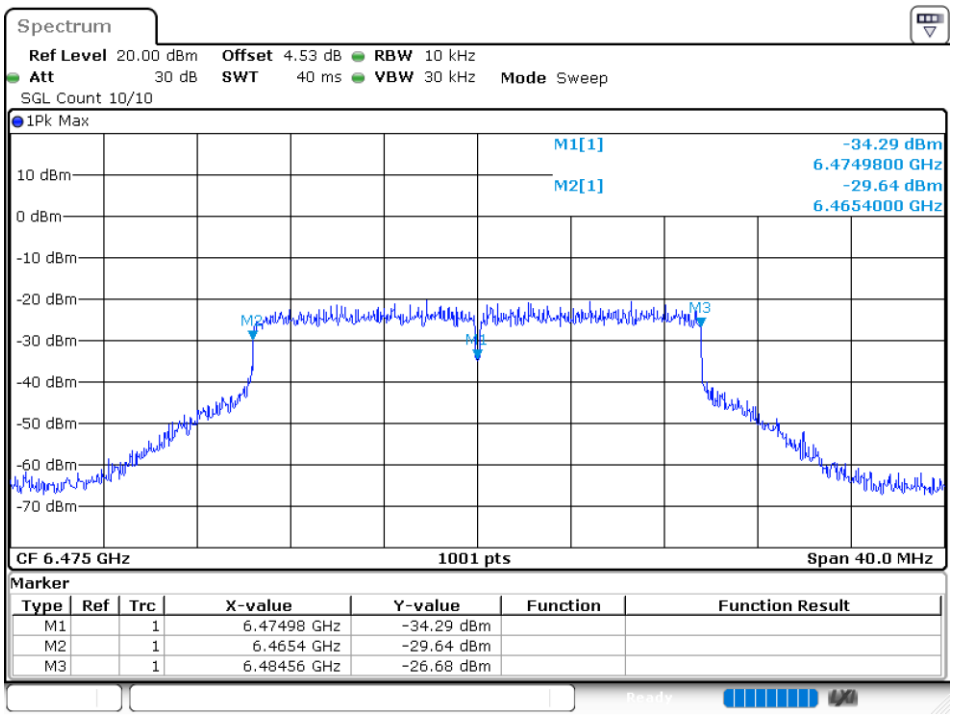
Test Graphs
Freq. Stability NVNT ax160 6505MHz Ant1 0 Minutes



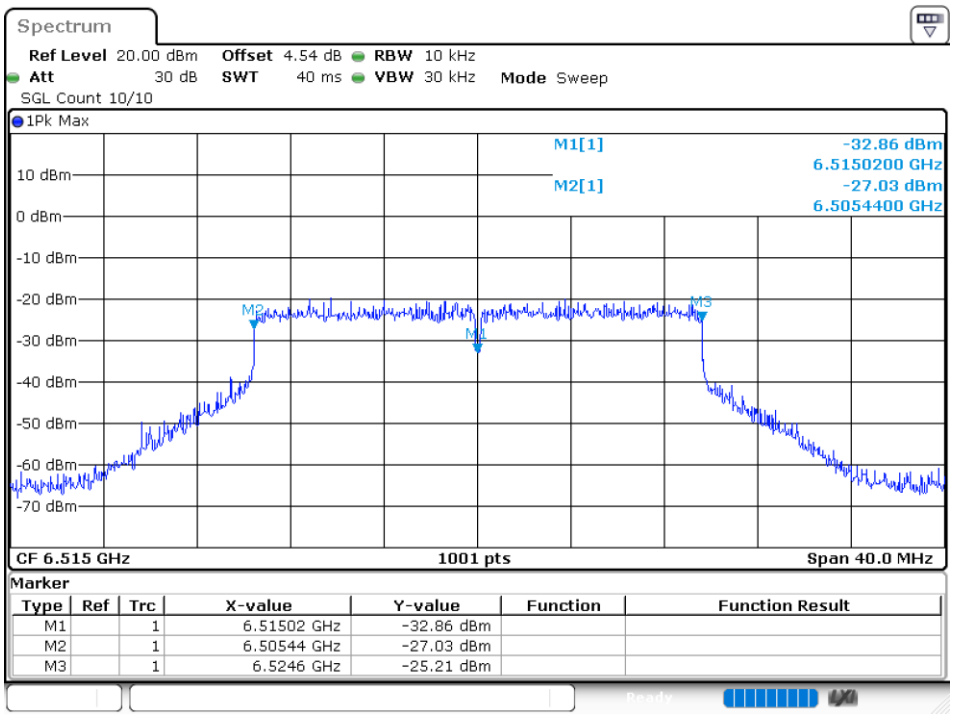
Freq. Stability NVNT ax20 6435MHz Ant1 0 Minutes



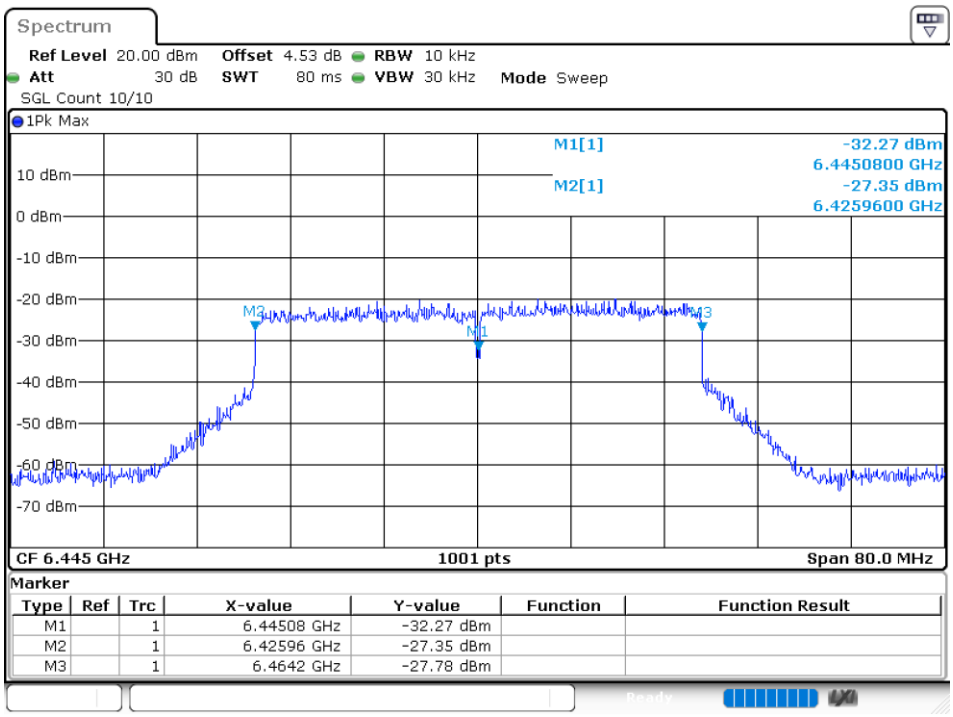
Freq. Stability NVNT ax20 6475MHz Ant1 0 Minutes



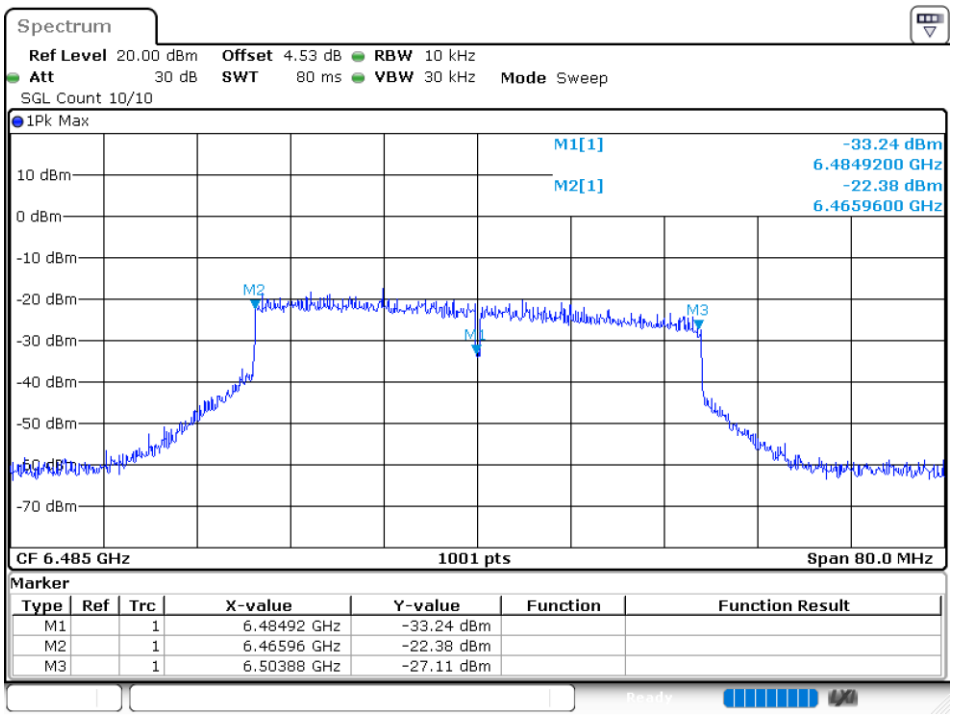
Freq. Stability NVNT ax20 6515MHz Ant1 0 Minutes



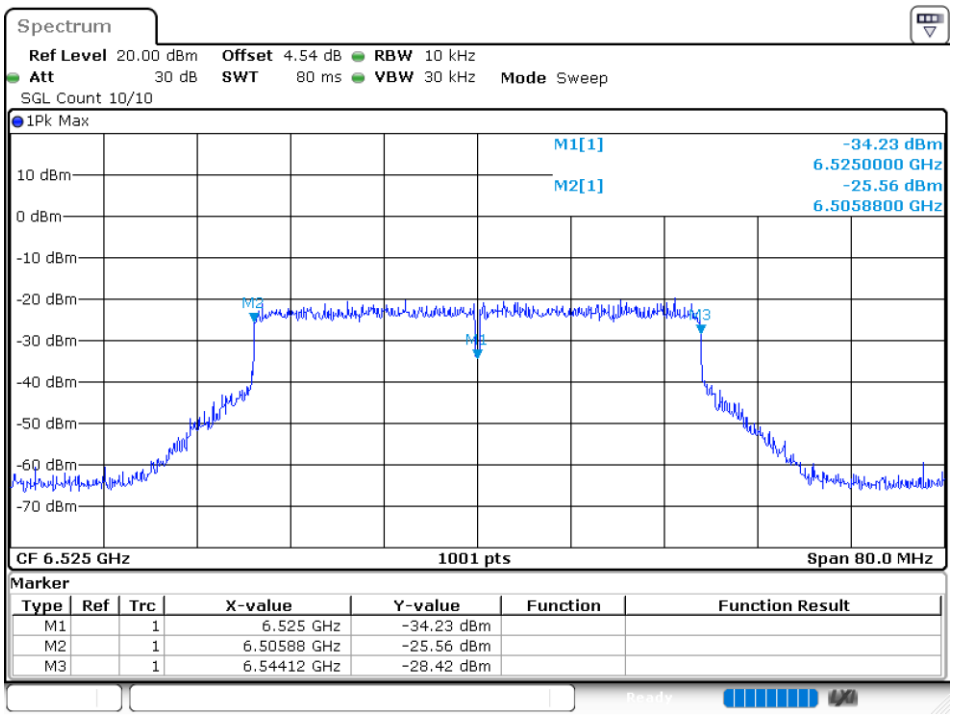
Freq. Stability NVNT ax40 6445MHz Ant1 0 Minutes



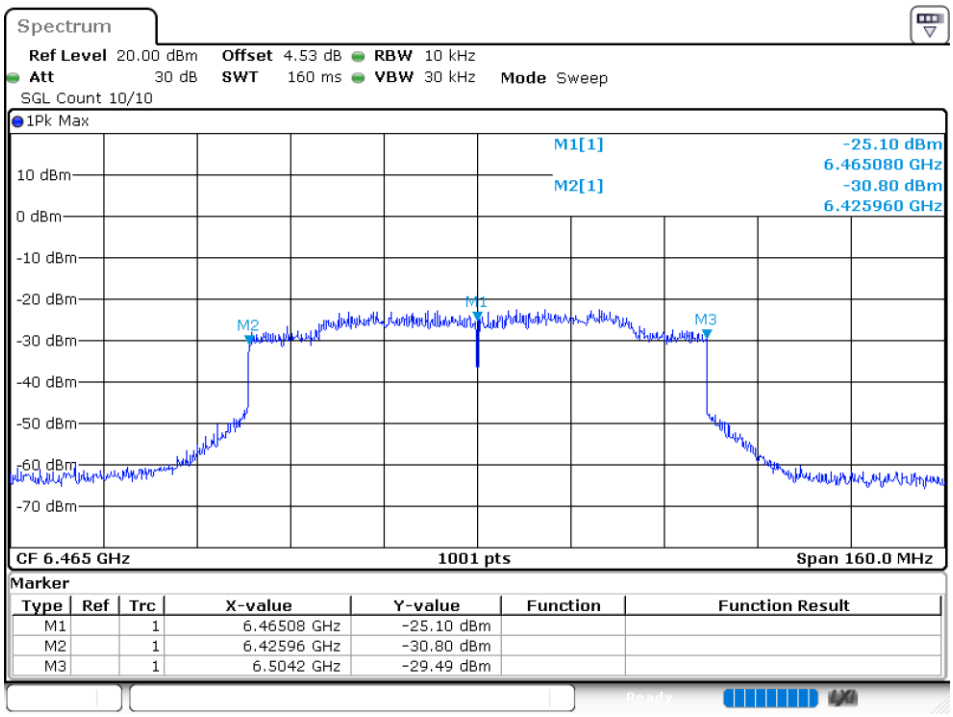
Freq. Stability NVNT ax40 6485MHz Ant1 0 Minutes



Freq. Stability NVNT ax40 6525MHz Ant1 0 Minutes



Freq. Stability NVNT ax80 6465MHz Ant1 0 Minutes

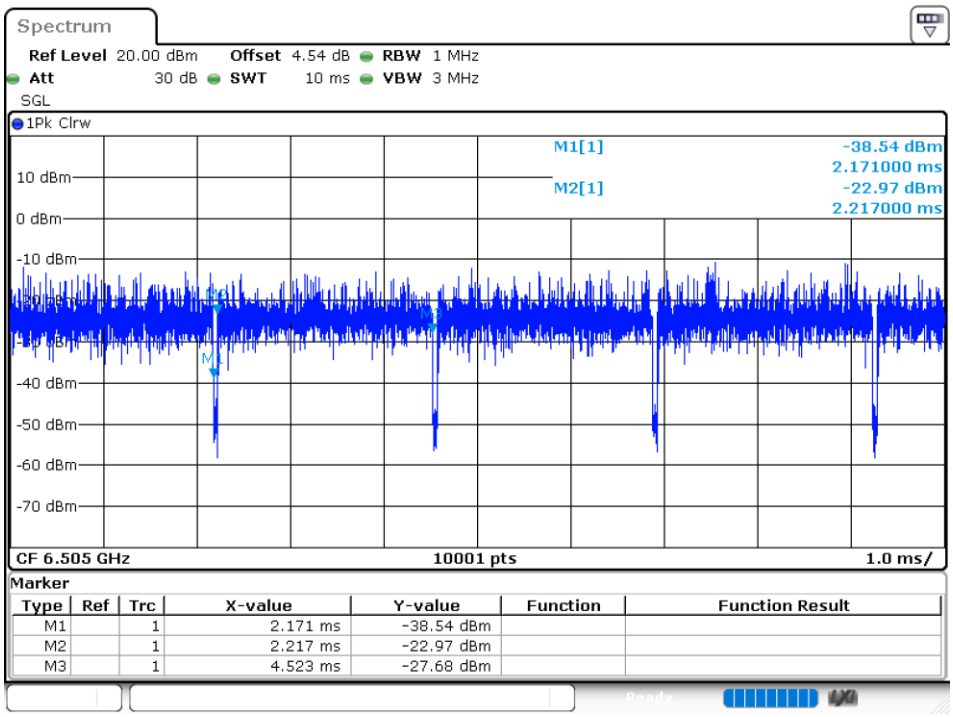


6.5G WIFI MIMO

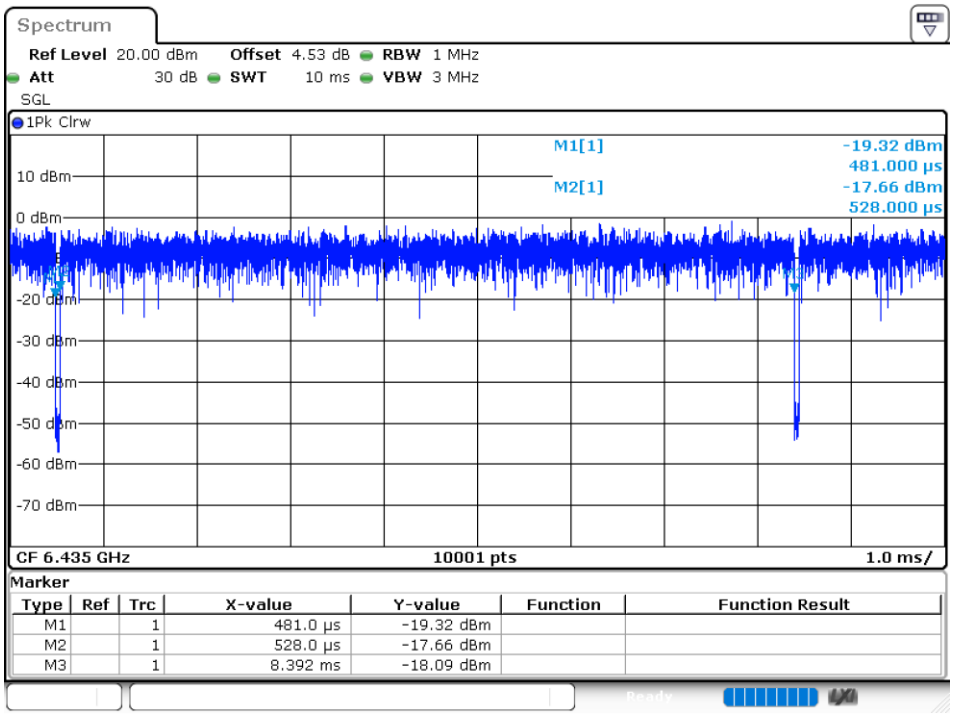
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6505	Sum	98.04	0	0.43
NVNT	ax20	6435	Sum	99.41	0	0.13
NVNT	ax20	6475	Sum	98.83	0	0.25
NVNT	ax20	6515	Sum	99.52	0	0
NVNT	ax40	6445	Sum	99.66	0	1.7
NVNT	ax40	6485	Sum	99.95	0	0.23
NVNT	ax40	6525	Sum	99.85	0	0.76
NVNT	ax80	6465	Sum	98.81	0	0.25

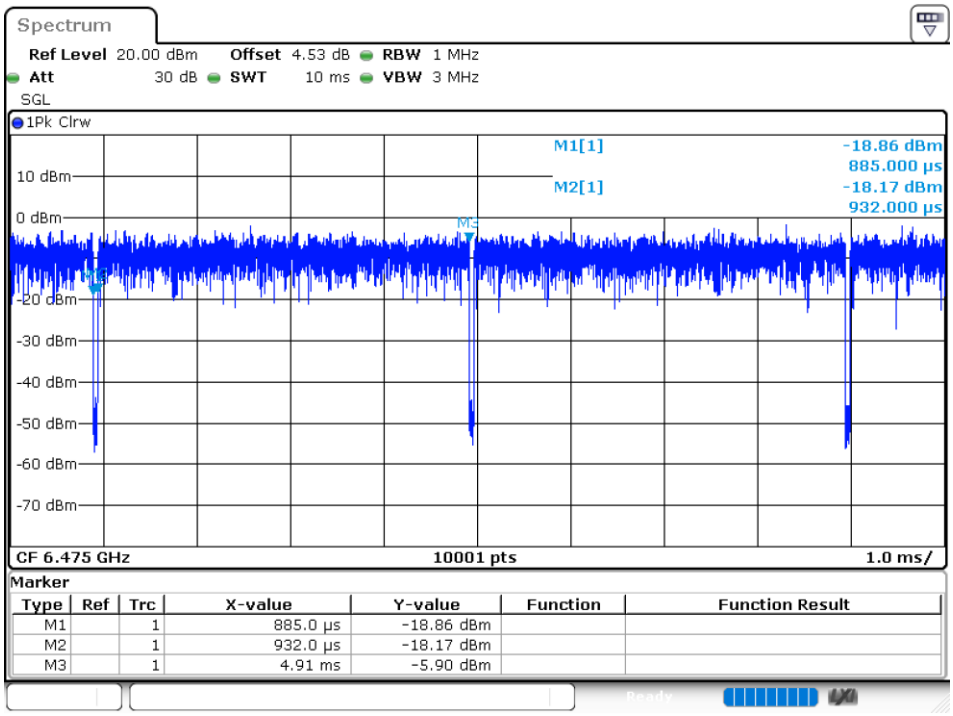
Test Graphs
Duty Cycle NVNT ax160 6505MHz Sum



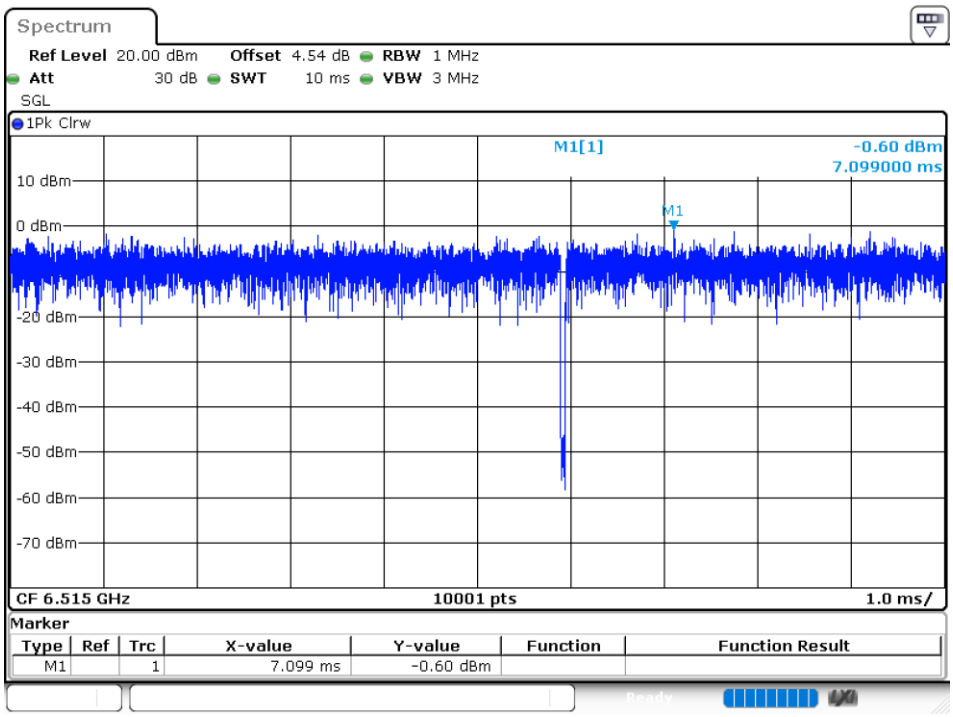
Duty Cycle NVNT ax20 6435MHz Sum



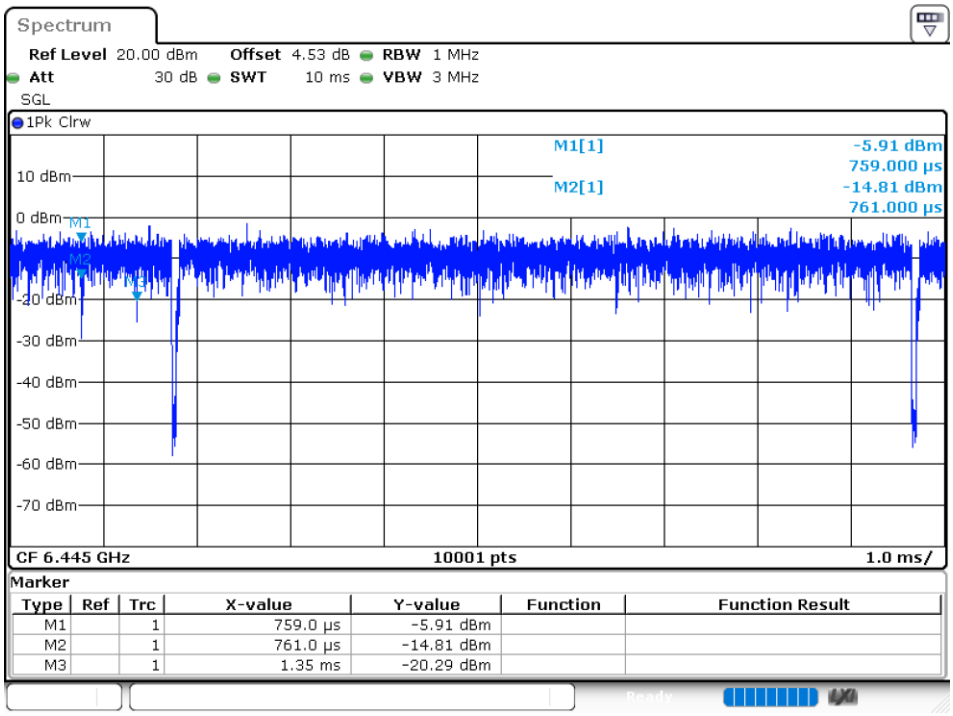
Duty Cycle NVNT ax20 6475MHz Sum



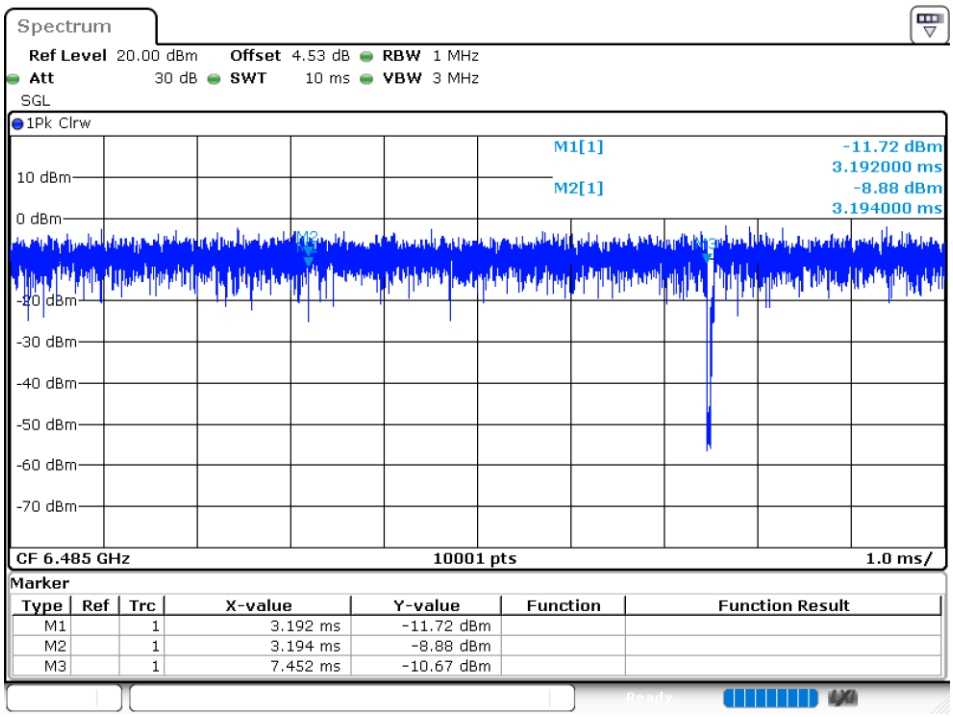
Duty Cycle NVNT ax20 6515MHz Sum



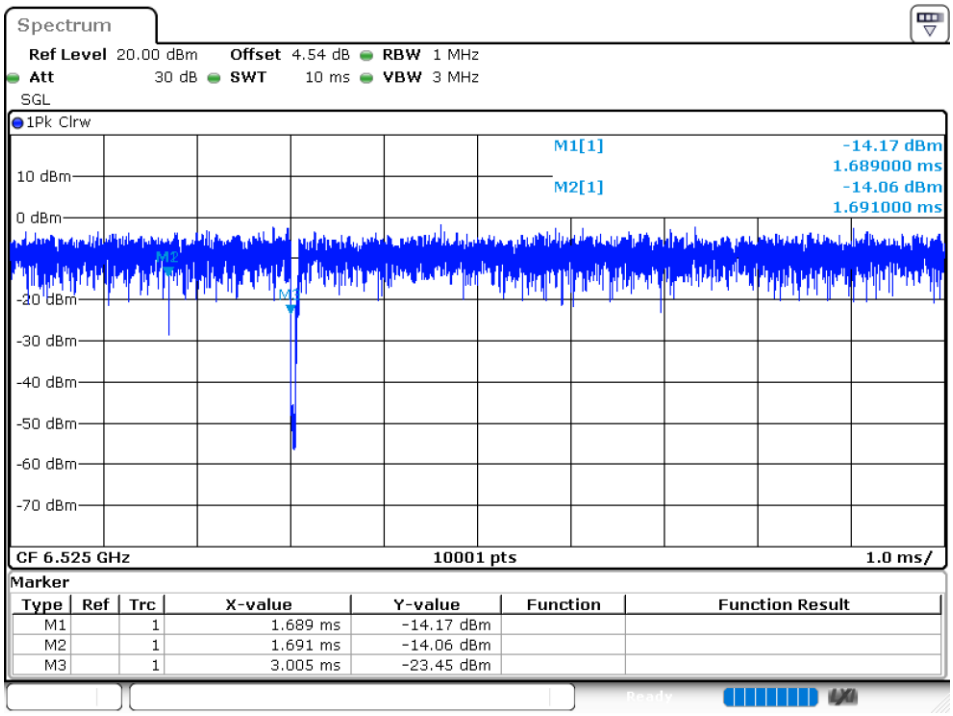
Duty Cycle NVNT ax40 6445MHz Sum



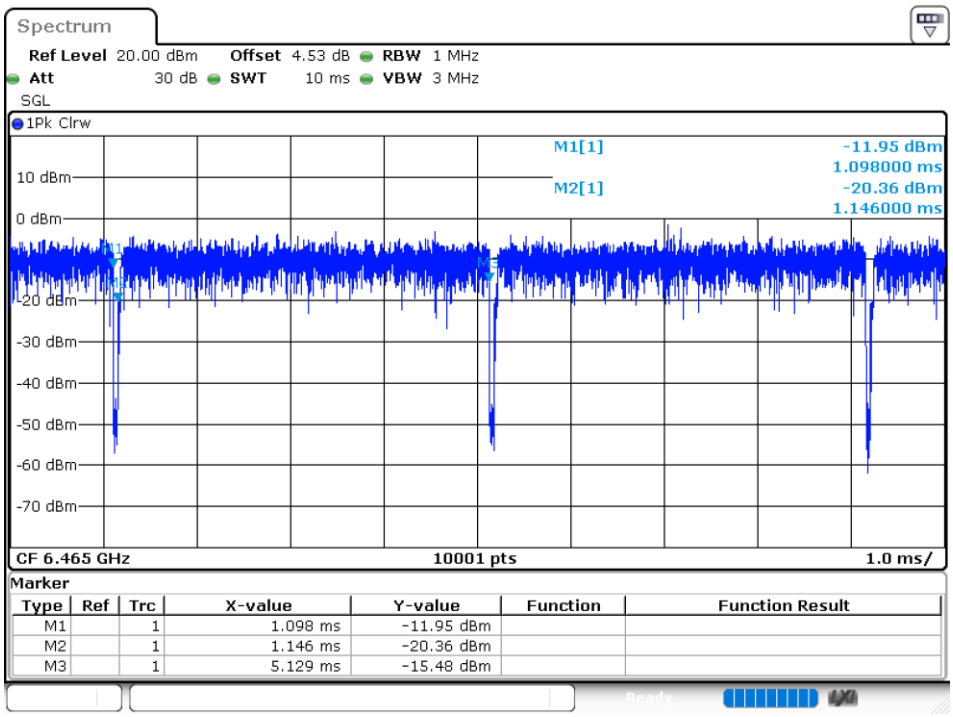
Duty Cycle NVNT ax40 6485MHz Sum



Duty Cycle NVNT ax40 6525MHz Sum



Duty Cycle NVNT ax80 6465MHz Sum



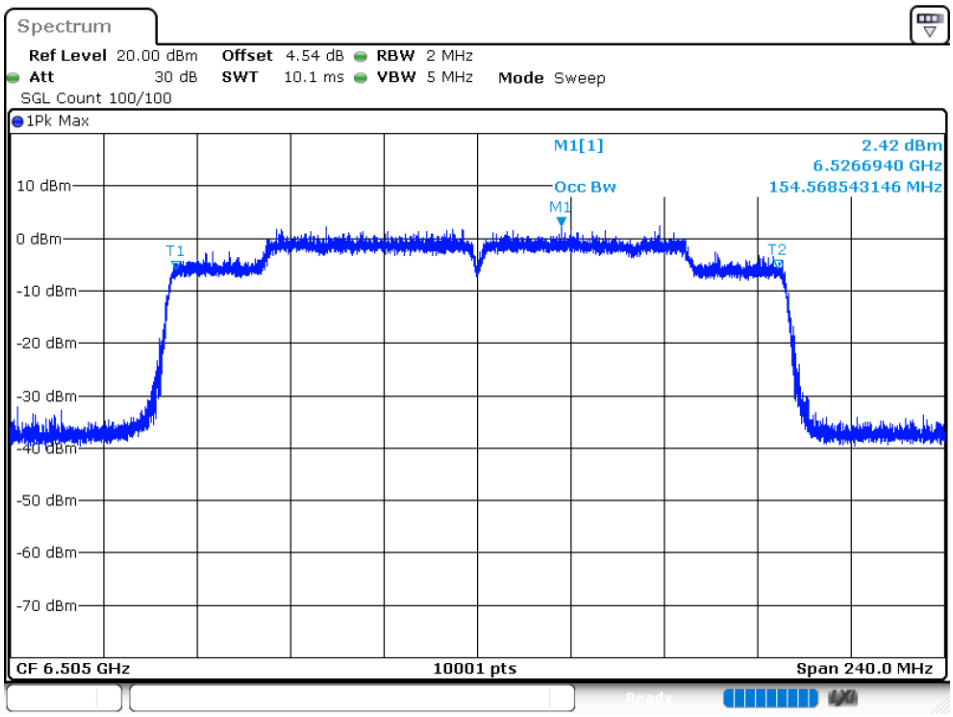
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	6.45	4.9	11.35	24	Pass
NVNT	ax160	6505	Ant2	6.89	4.81	11.7	24	Pass
NVNT	ax160	6505	Sum			14.54	24	Pass
NVNT	ax20	6435	Ant1	3.77	4.9	8.67	24	Pass
NVNT	ax20	6435	Ant2	4.73	4.81	9.54	24	Pass
NVNT	ax20	6435	Sum			12.14	24	Pass
NVNT	ax20	6475	Ant1	3.41	4.9	8.31	24	Pass
NVNT	ax20	6475	Ant2	4.02	4.81	8.83	24	Pass
NVNT	ax20	6475	Sum			11.59	24	Pass
NVNT	ax20	6515	Ant1	3.88	4.9	8.78	24	Pass
NVNT	ax20	6515	Ant2	4.22	4.81	9.03	24	Pass
NVNT	ax20	6515	Sum			11.92	24	Pass
NVNT	ax40	6445	Ant1	6.08	4.9	10.98	24	Pass
NVNT	ax40	6445	Ant2	7.11	4.81	11.92	24	Pass
NVNT	ax40	6445	Sum			14.49	24	Pass
NVNT	ax40	6485	Ant1	6.12	4.9	11.02	24	Pass
NVNT	ax40	6485	Ant2	6.98	4.81	11.79	24	Pass
NVNT	ax40	6485	Sum			14.43	24	Pass
NVNT	ax40	6525	Ant1	6.18	4.9	11.08	24	Pass
NVNT	ax40	6525	Ant2	7.12	4.81	11.93	24	Pass
NVNT	ax40	6525	Sum			14.54	24	Pass
NVNT	ax80	6465	Ant1	6.07	4.9	10.97	24	Pass
NVNT	ax80	6465	Ant2	6.68	4.81	11.49	24	Pass
NVNT	ax80	6465	Sum			14.25	24	Pass

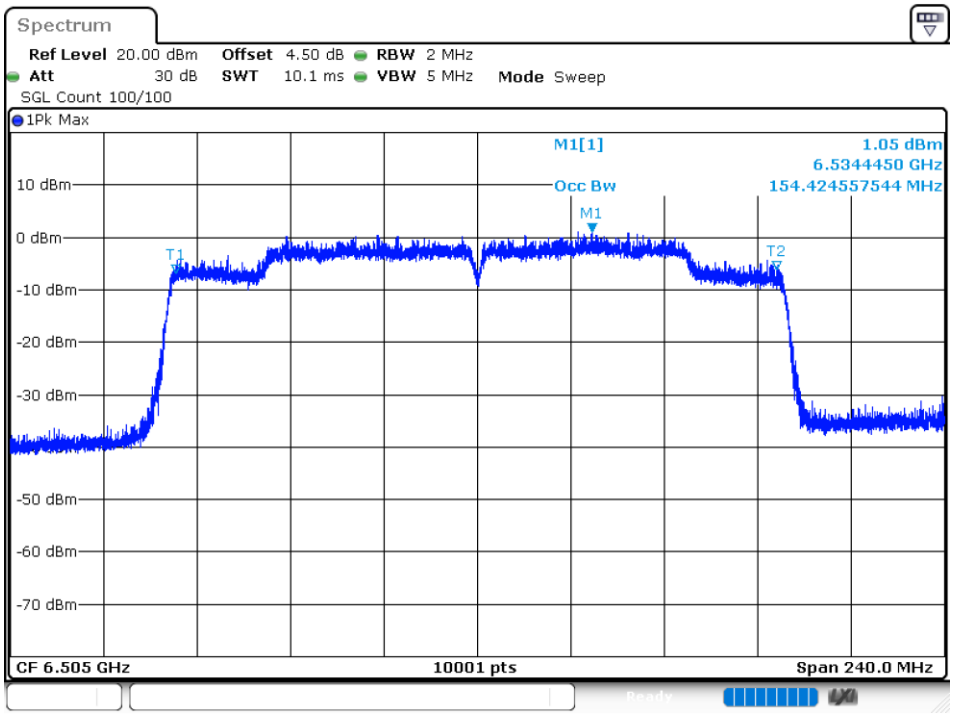
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6505	Ant1	154.569
NVNT	ax160	6505	Ant2	154.425
NVNT	ax20	6435	Ant1	19.03
NVNT	ax20	6435	Ant2	19.021
NVNT	ax20	6435	Ant1	19.051
NVNT	ax20	6435	Ant2	19.051
NVNT	ax20	6475	Ant1	19.048
NVNT	ax20	6475	Ant2	19.033
NVNT	ax20	6475	Ant1	19.024
NVNT	ax20	6475	Ant2	19.036
NVNT	ax20	6515	Ant1	19.042
NVNT	ax20	6515	Ant2	19.057
NVNT	ax20	6515	Ant2	19.036
NVNT	ax40	6445	Ant1	37.772
NVNT	ax40	6445	Ant2	37.868
NVNT	ax40	6445	Ant1	37.82
NVNT	ax40	6485	Ant1	37.802
NVNT	ax40	6485	Ant2	37.886
NVNT	ax40	6485	Ant1	37.676
NVNT	ax40	6485	Ant2	37.868
NVNT	ax40	6525	Ant1	37.874
NVNT	ax40	6525	Ant2	37.862
NVNT	ax40	6525	Ant1	37.856
NVNT	ax40	6525	Ant2	37.718
NVNT	ax80	6465	Ant1	76.432
NVNT	ax80	6465	Ant2	76.66

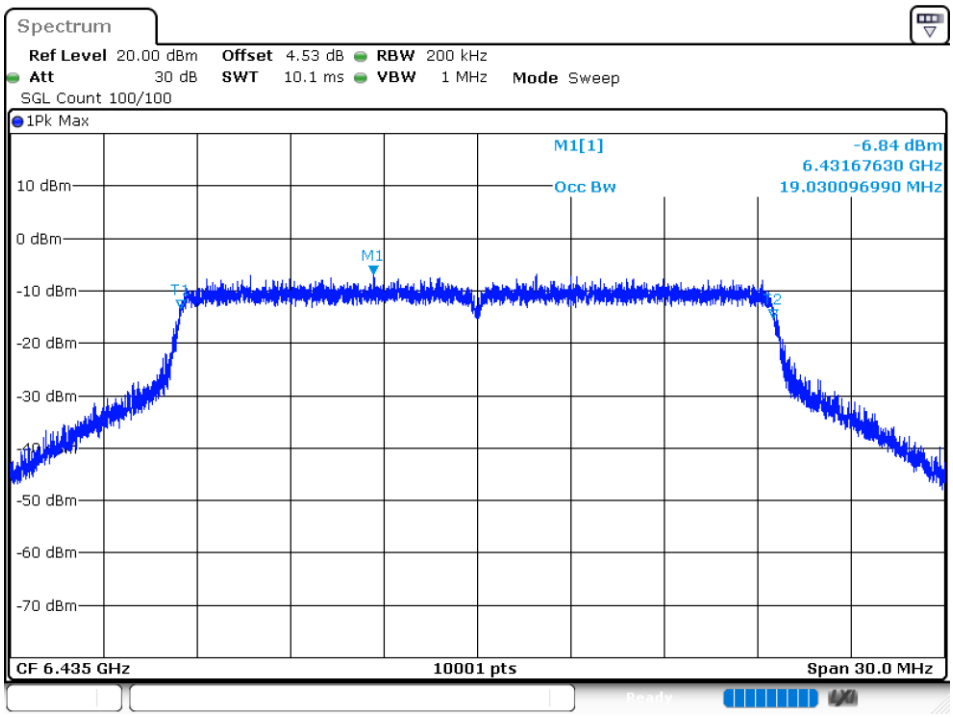
Test Graphs
OBW NVNT ax160 6505MHz Ant1



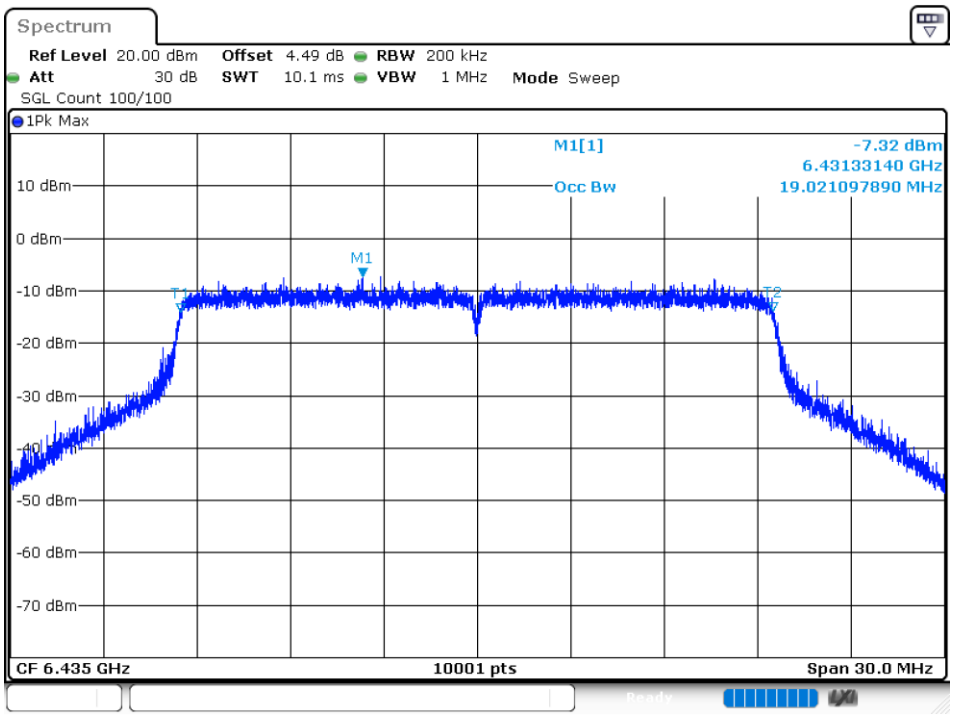
OBW NVNT ax160 6505MHz Ant2



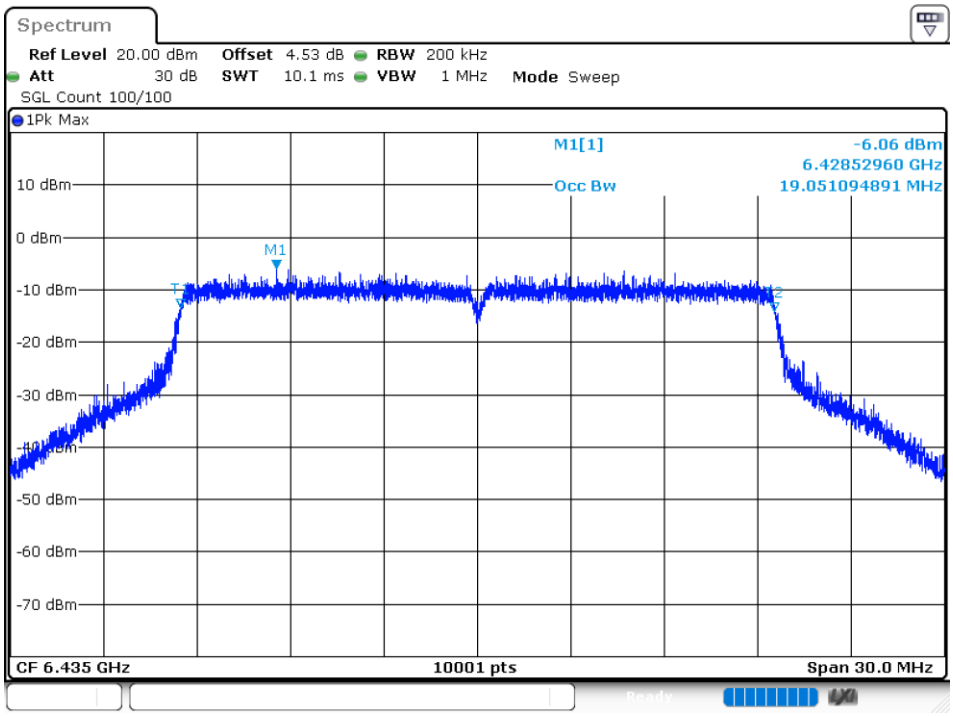
OBW NVNT ax20 6435MHz Ant1



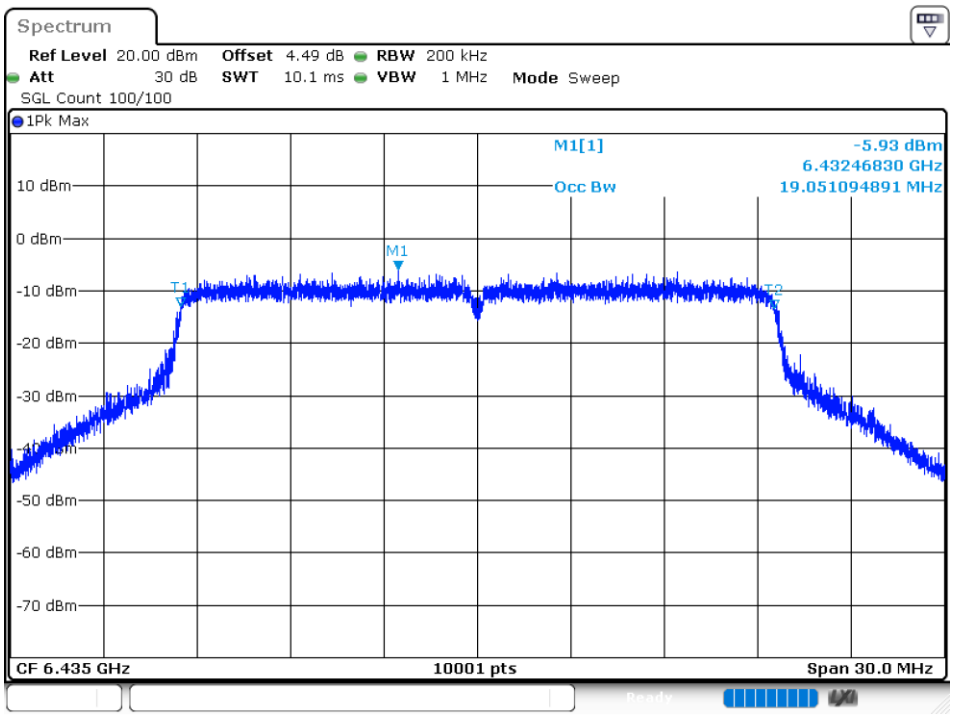
OBW NVNT ax20 6435MHz Ant2



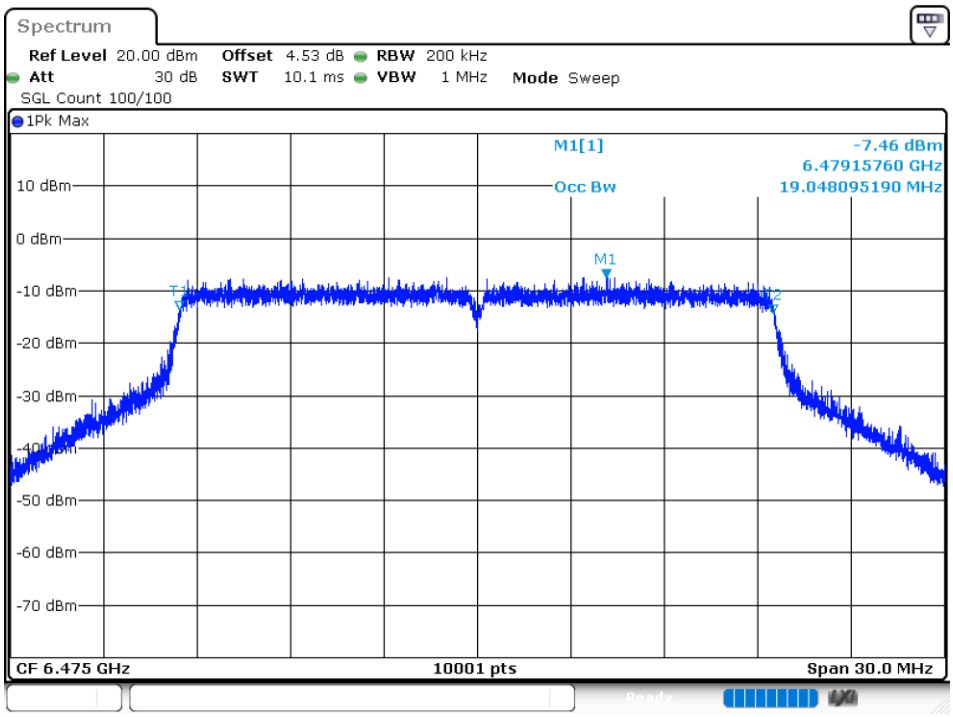
OBW NVNT ax20 6435MHz Ant1



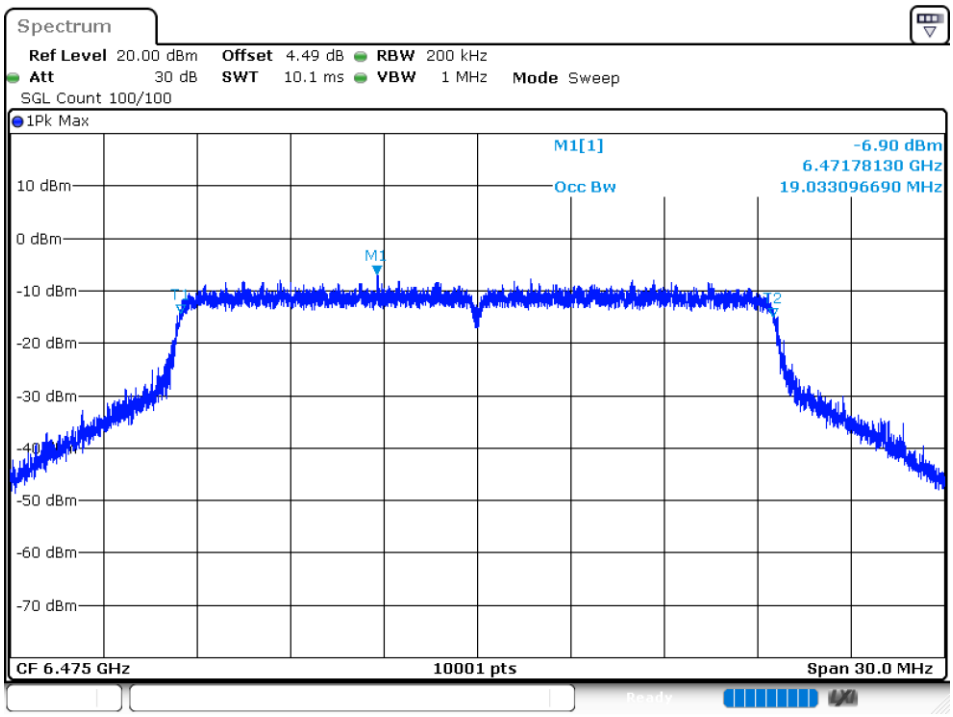
OBW NVNT ax20 6435MHz Ant2



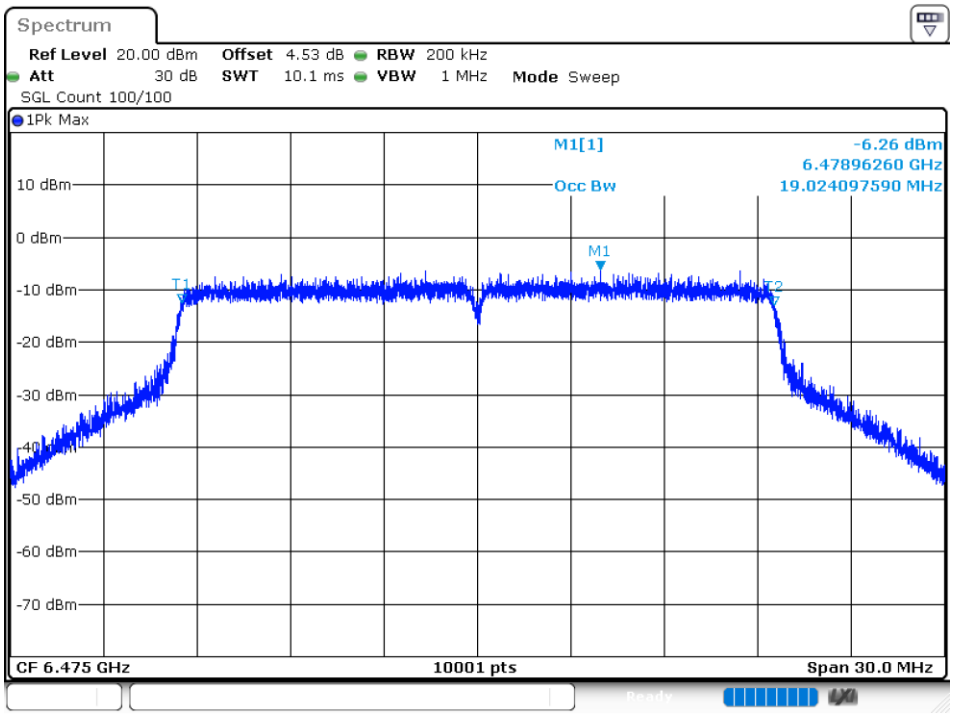
OBW NVNT ax20 6475MHz Ant1



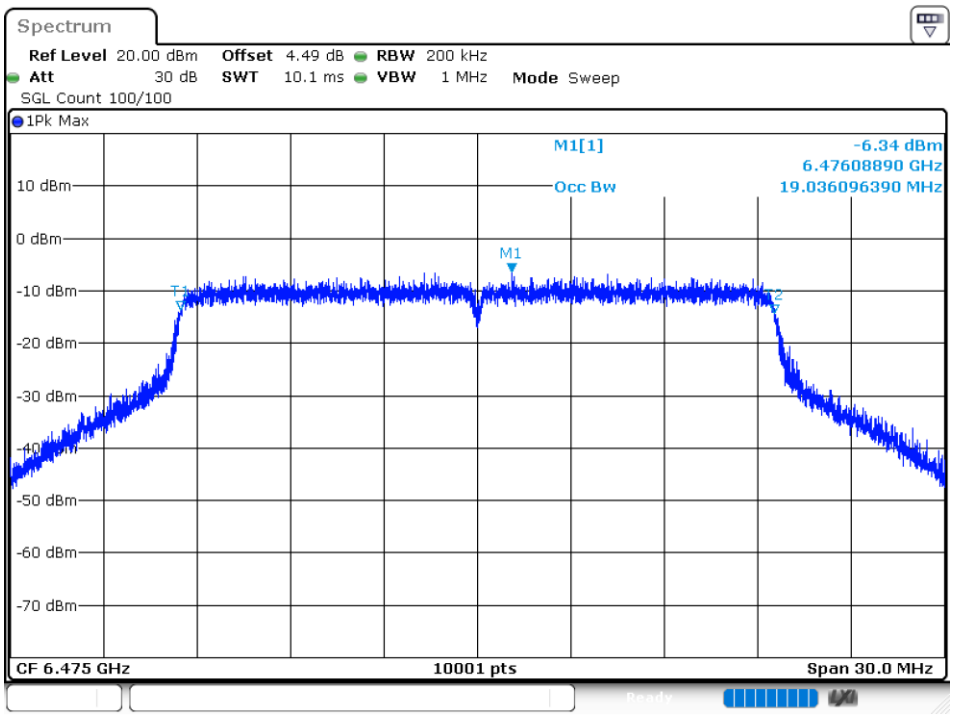
OBW NVNT ax20 6475MHz Ant2



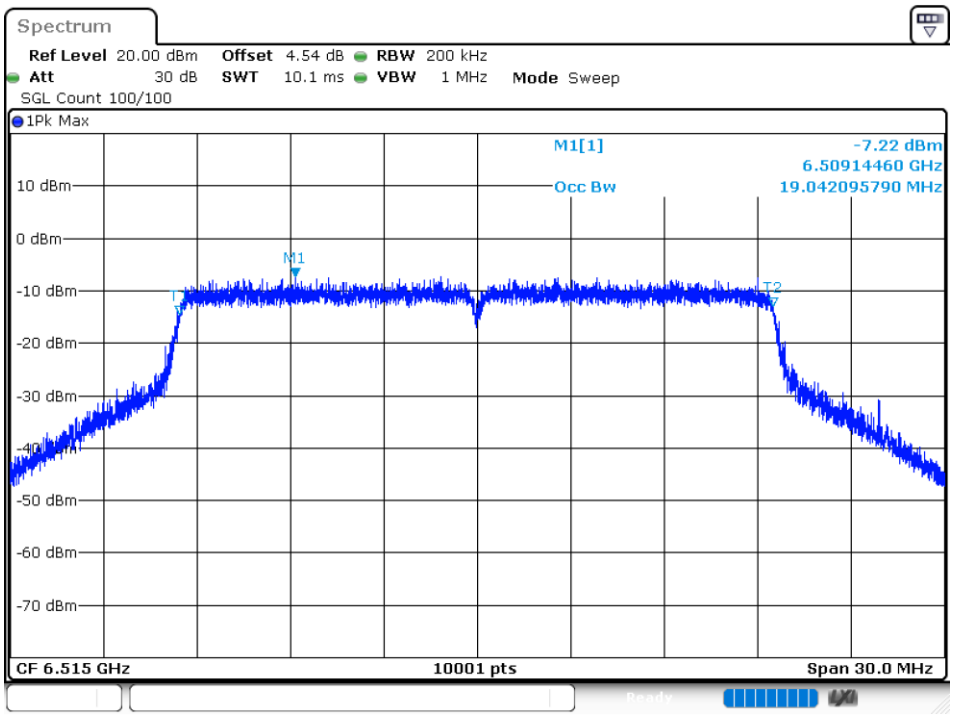
OBW NVNT ax20 6475MHz Ant1



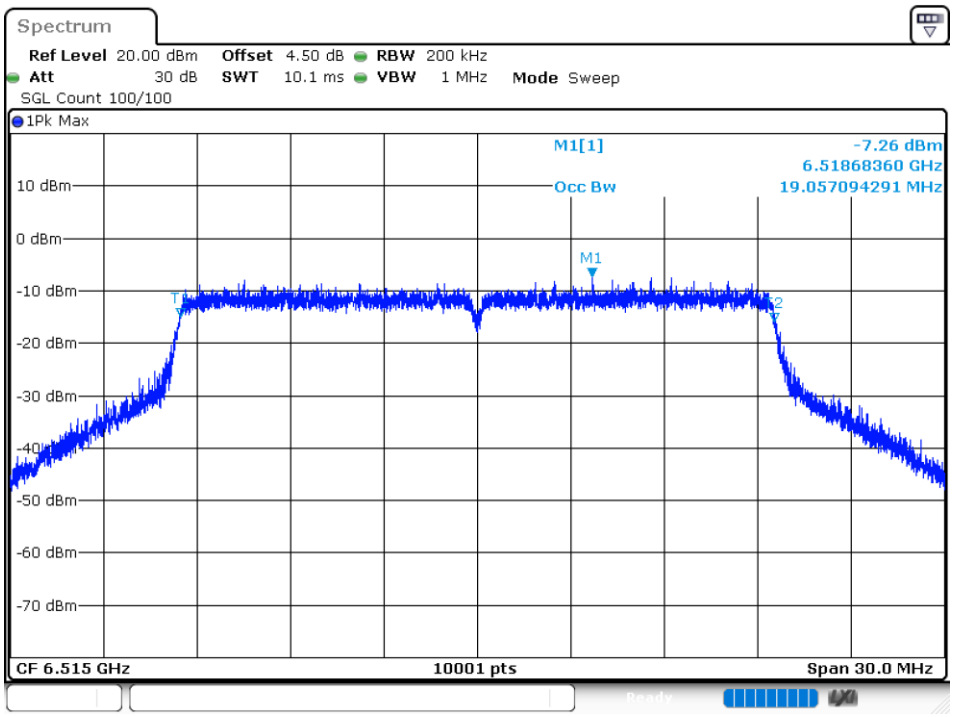
OBW NVNT ax20 6475MHz Ant2



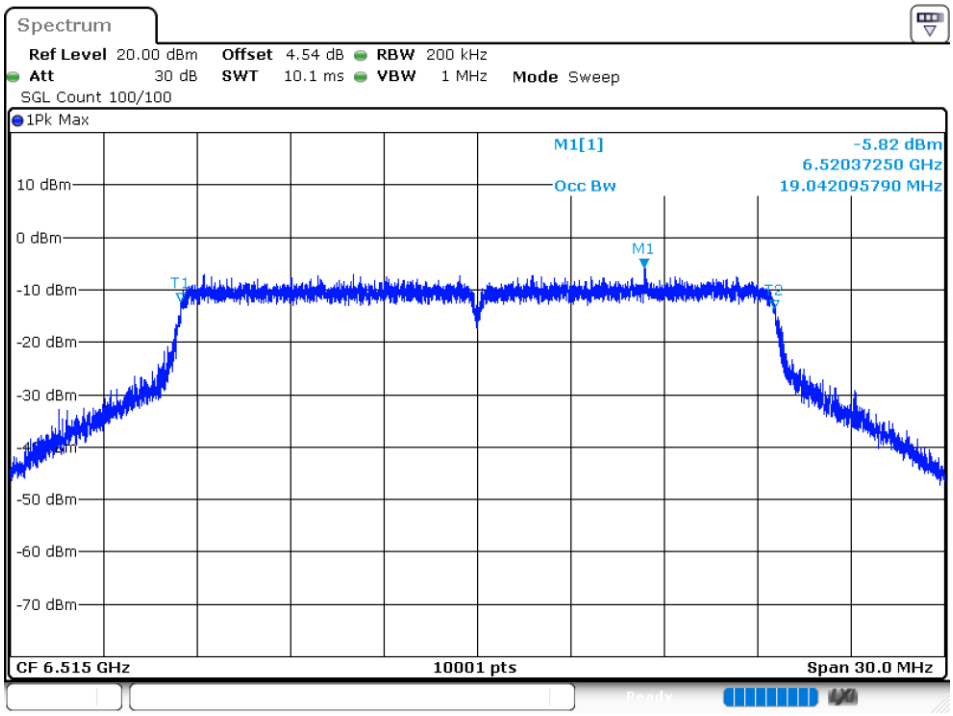
OBW NVNT ax20 6515MHz Ant1



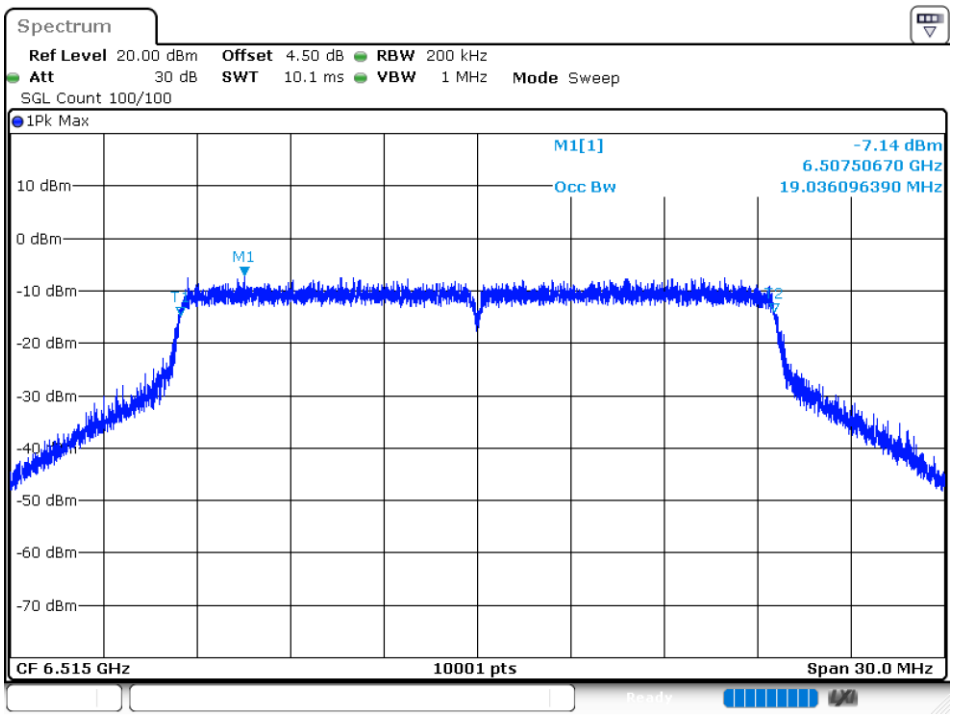
OBW NVNT ax20 6515MHz Ant2



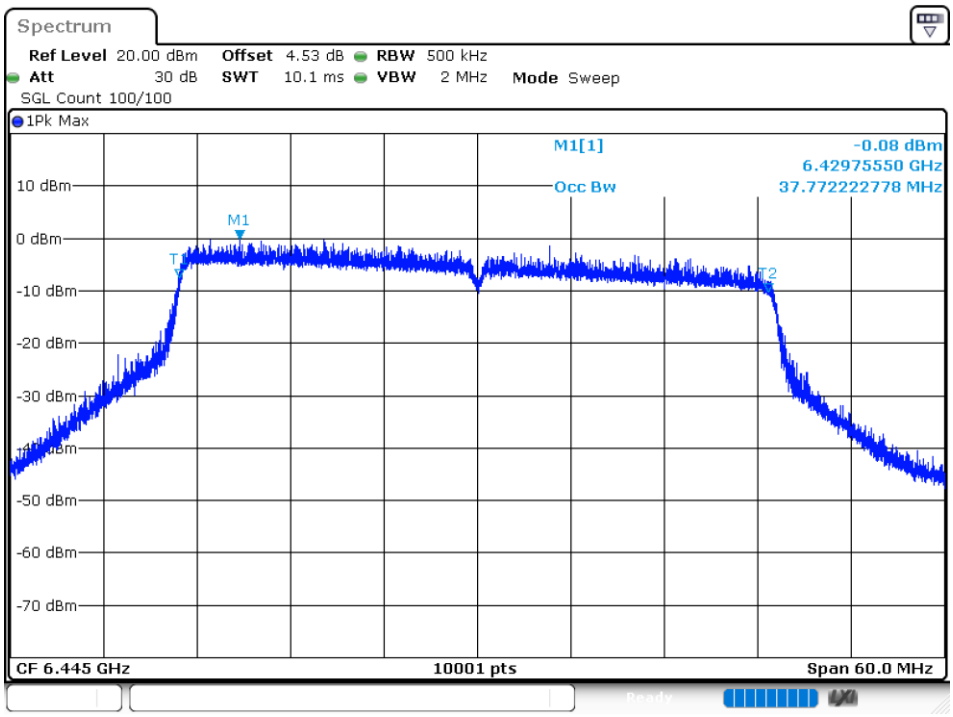
OBW NVNT ax20 6515MHz Ant1



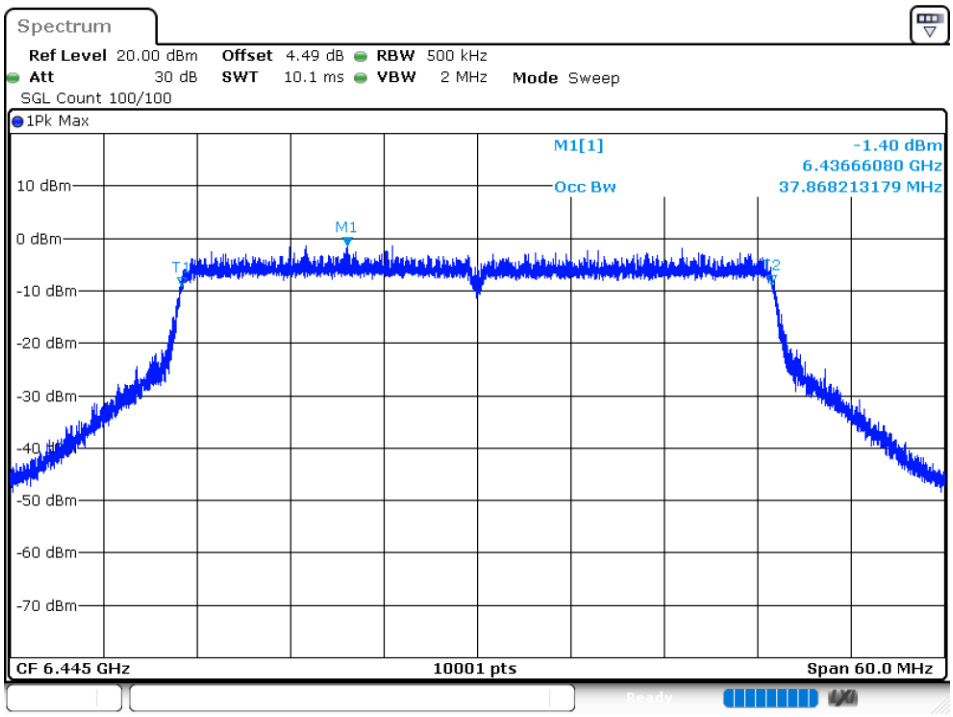
OBW NVNT ax20 6515MHz Ant2



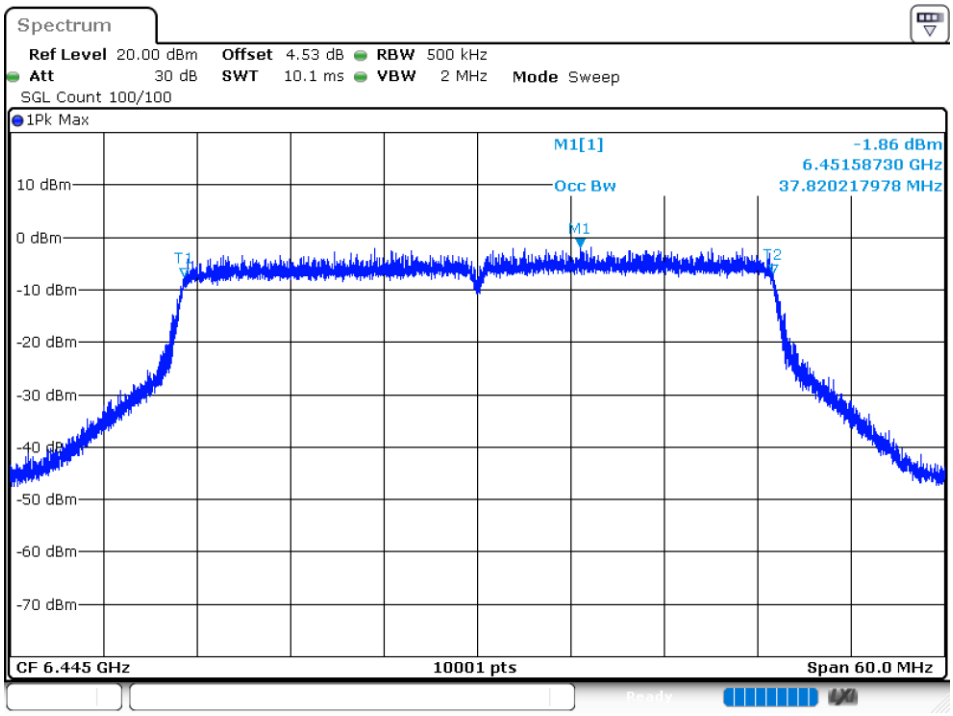
OBW NVNT ax40 6445MHz Ant1



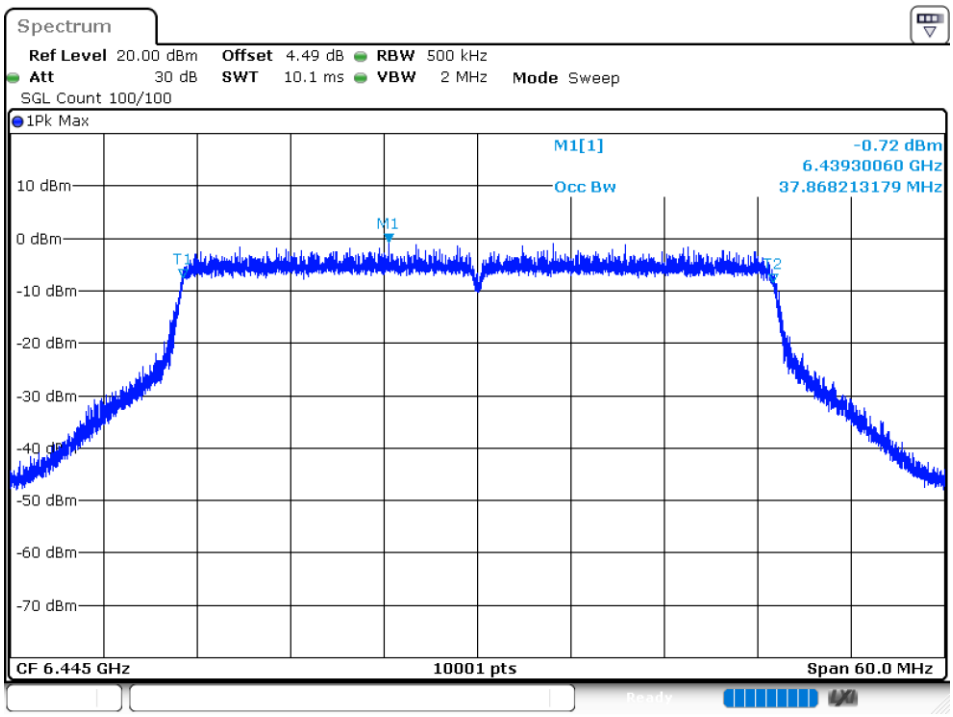
OBW NVNT ax40 6445MHz Ant2



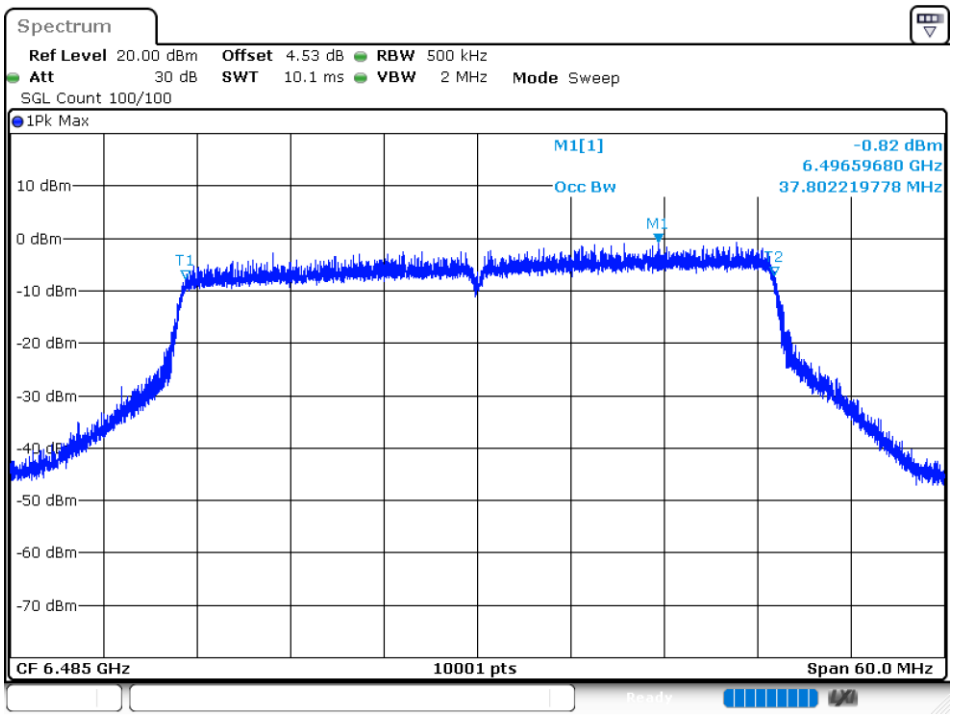
OBW NVNT ax40 6445MHz Ant1



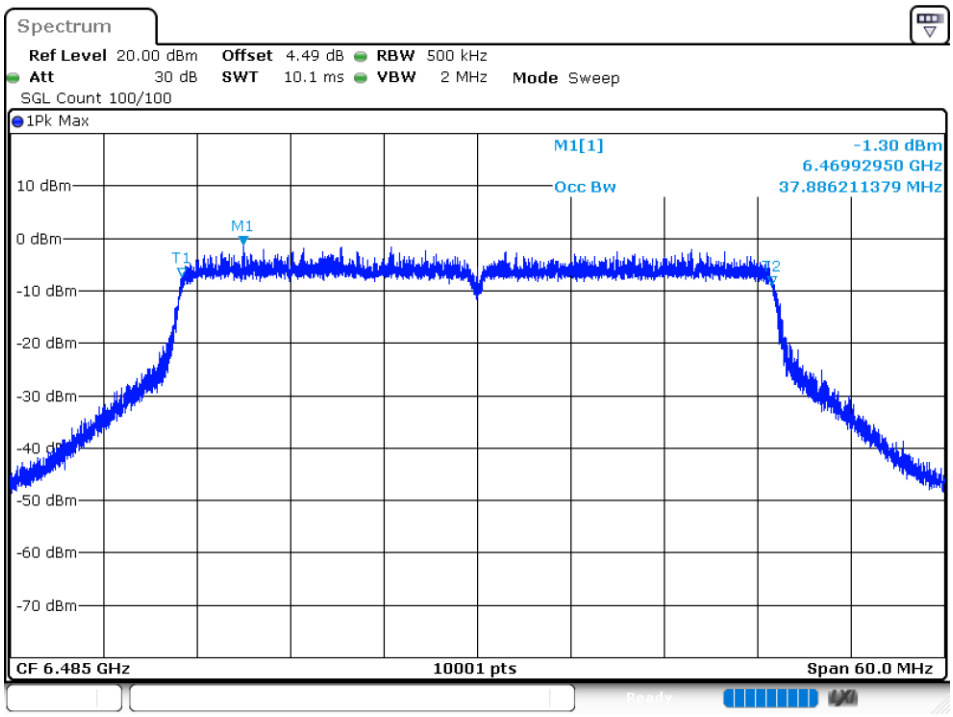
OBW NVNT ax40 6445MHz Ant2



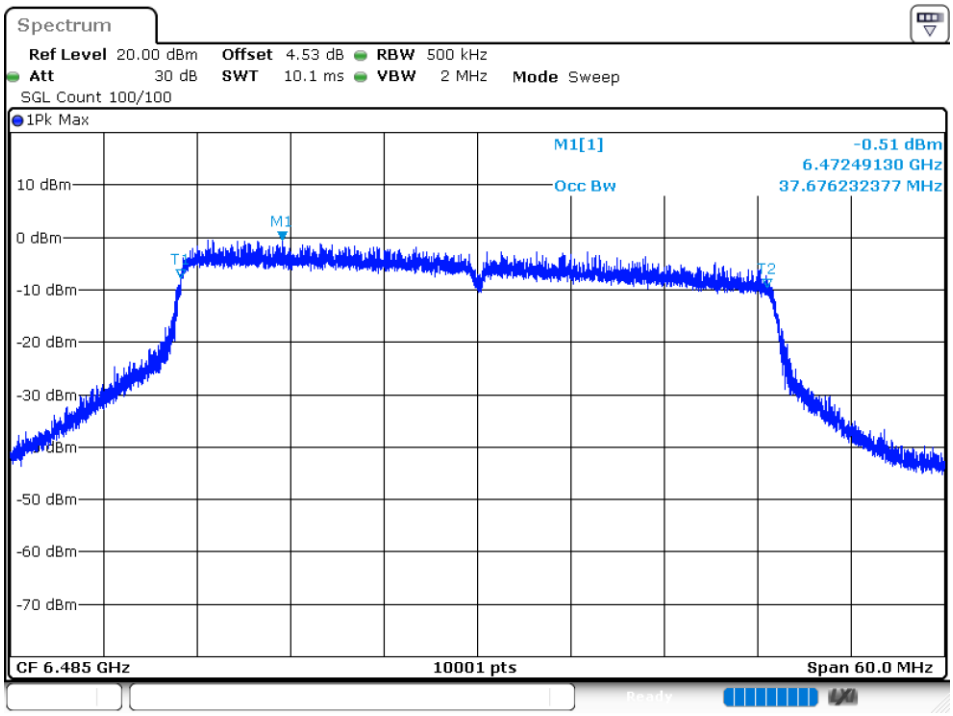
OBW NVNT ax40 6485MHz Ant1



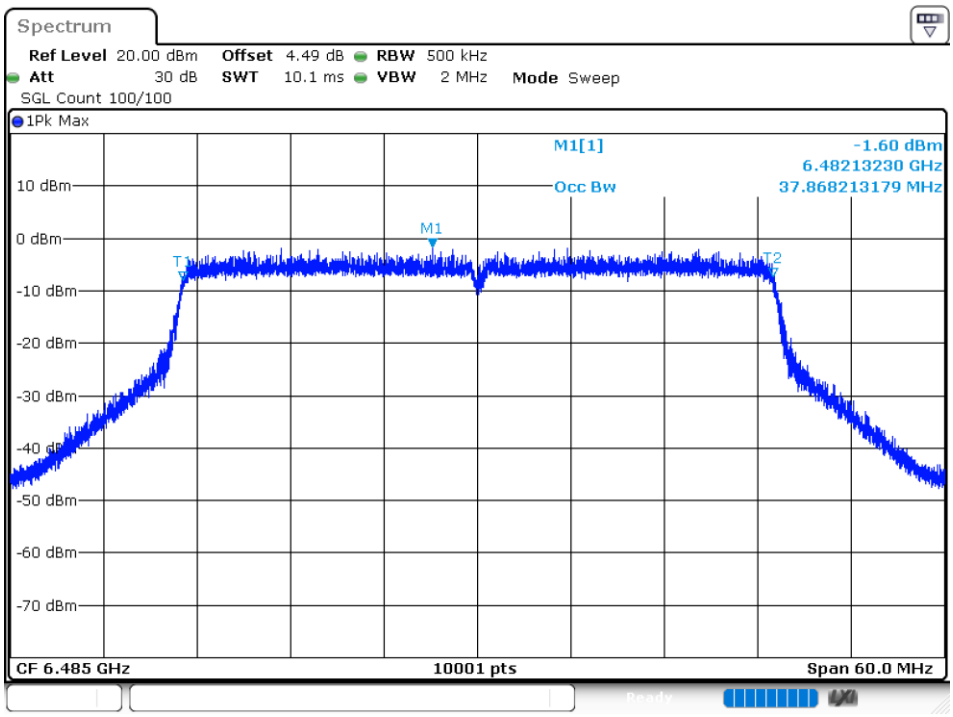
OBW NVNT ax40 6485MHz Ant2



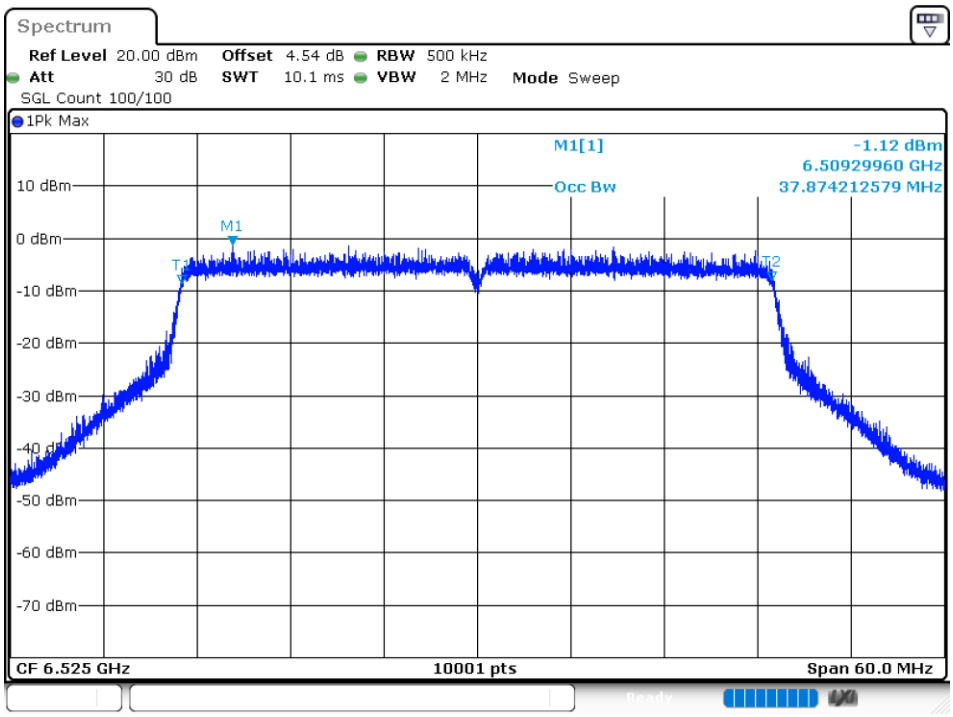
OBW NVNT ax40 6485MHz Ant1



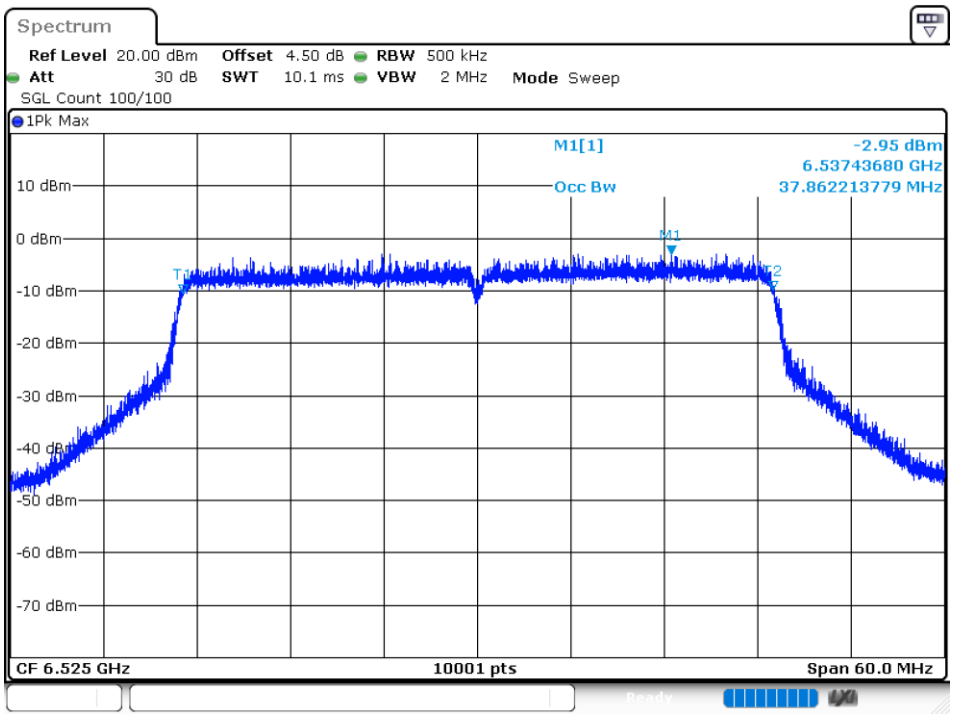
OBW NVNT ax40 6485MHz Ant2



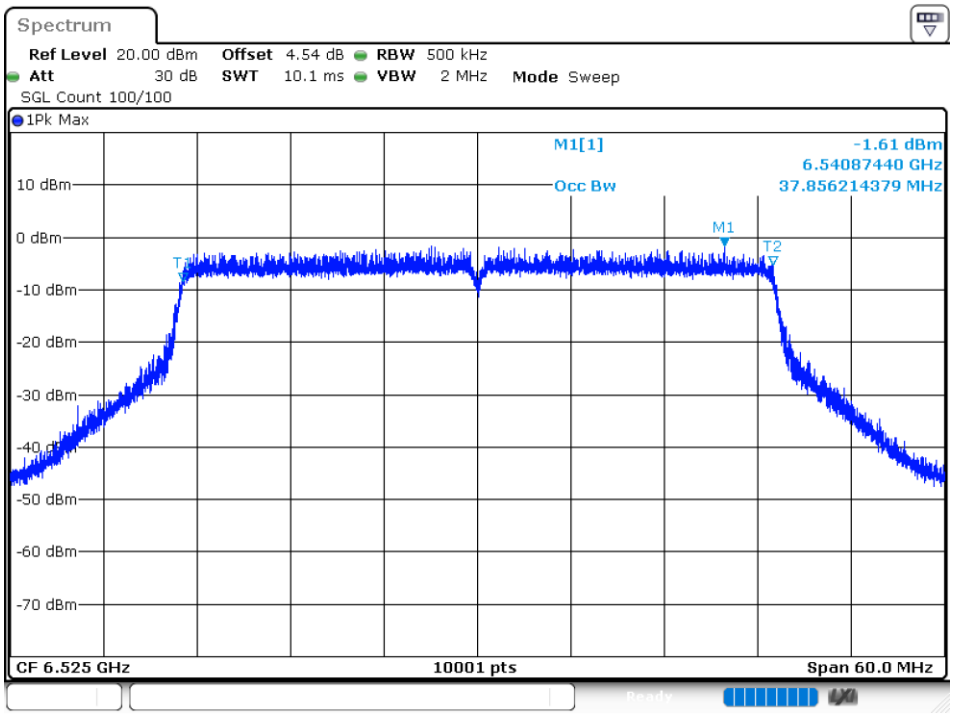
OBW NVNT ax40 6525MHz Ant1



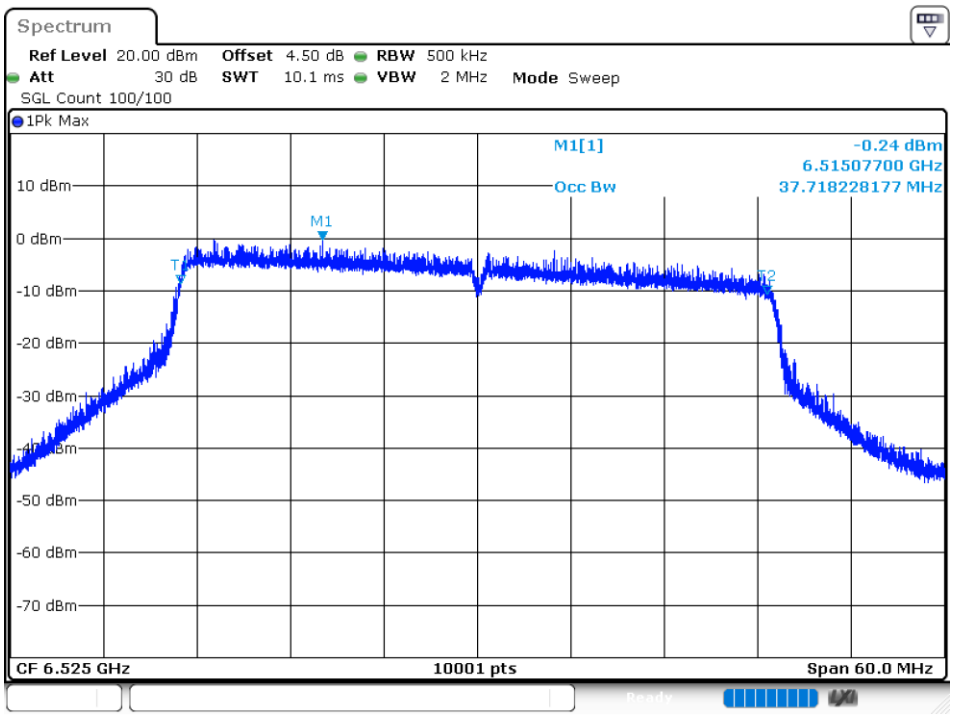
OBW NVNT ax40 6525MHz Ant2



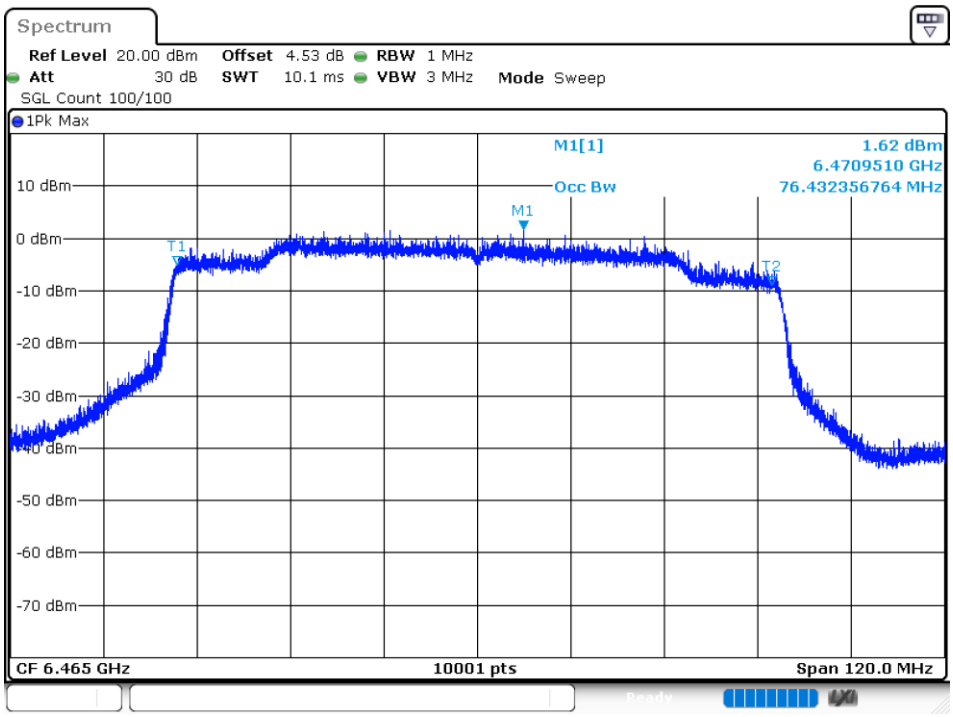
OBW NVNT ax40 6525MHz Ant1



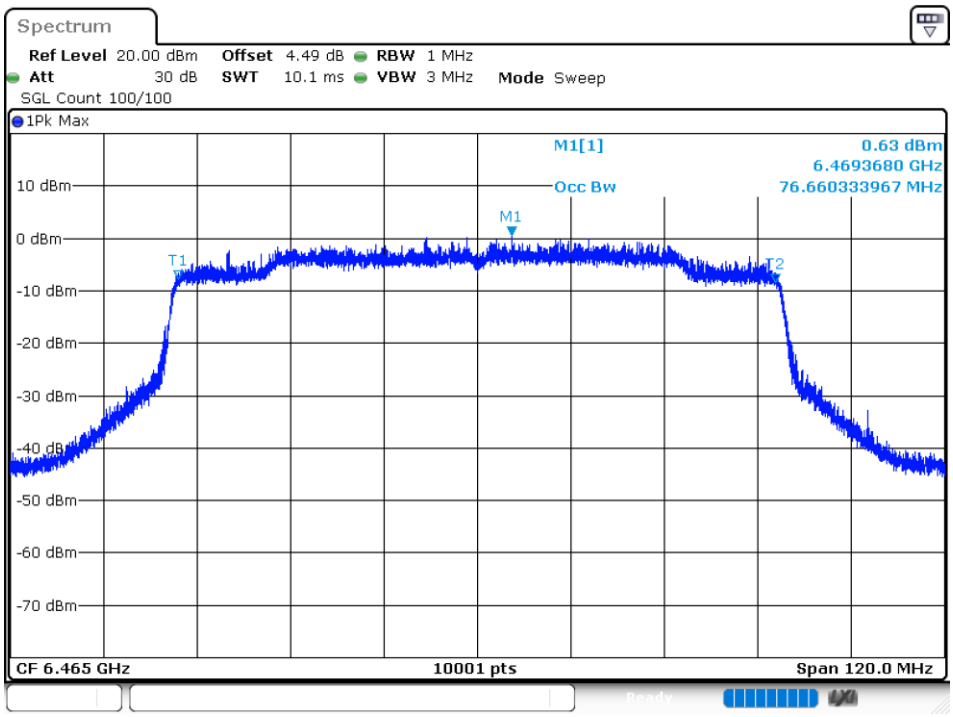
OBW NVNT ax40 6525MHz Ant2



OBW NVNT ax80 6465MHz Ant1



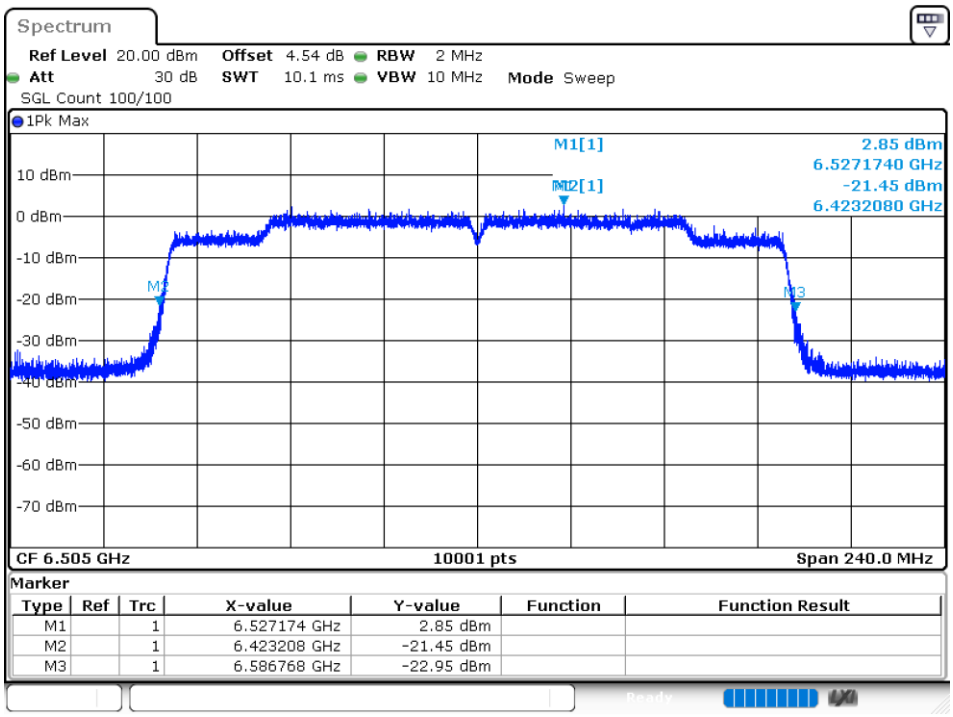
OBW NVNT ax80 6465MHz Ant2



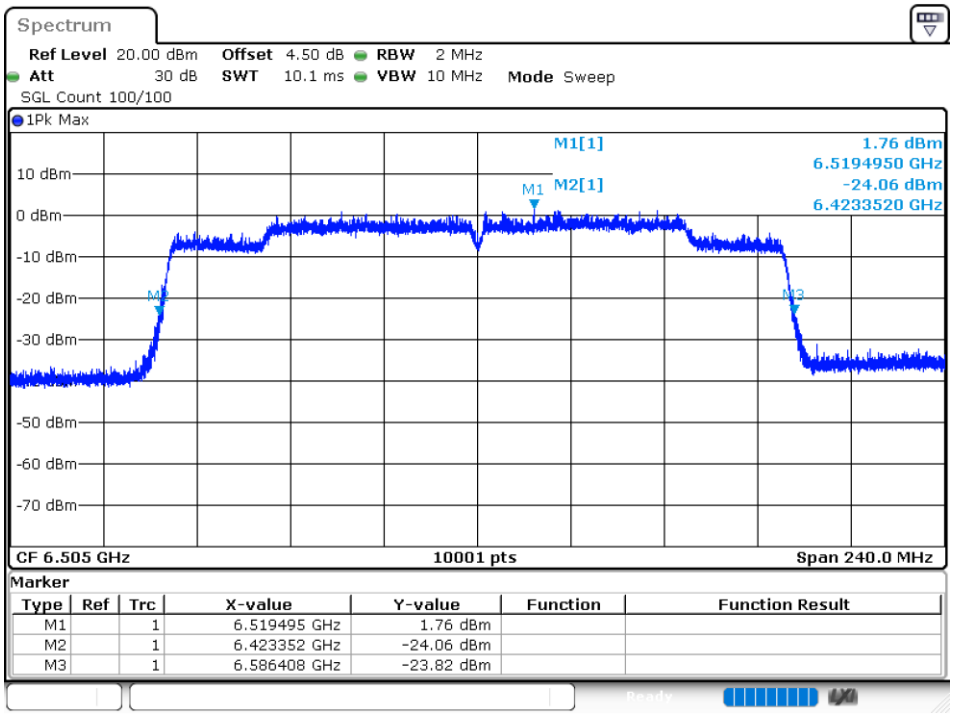
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6505	Ant1	163.56	0.5	Pass
NVNT	ax160	6505	Ant2	163.056	0.5	Pass
NVNT	ax20	6435	Ant1	24.825	0.5	Pass
NVNT	ax20	6435	Ant2	24.297	0.5	Pass
NVNT	ax20	6435	Ant1	24.882	0.5	Pass
NVNT	ax20	6435	Ant2	25.131	0.5	Pass
NVNT	ax20	6475	Ant1	24.807	0.5	Pass
NVNT	ax20	6475	Ant2	24.222	0.5	Pass
NVNT	ax20	6475	Ant1	24.645	0.5	Pass
NVNT	ax20	6475	Ant2	24.519	0.5	Pass
NVNT	ax20	6515	Ant1	24.633	0.5	Pass
NVNT	ax20	6515	Ant2	25.059	0.5	Pass
NVNT	ax20	6515	Ant1	24.444	0.5	Pass
NVNT	ax20	6515	Ant2	24.615	0.5	Pass
NVNT	ax40	6445	Ant1	43.854	0.5	Pass
NVNT	ax40	6445	Ant2	45.324	0.5	Pass
NVNT	ax40	6445	Ant1	43.794	0.5	Pass
NVNT	ax40	6445	Ant2	45.156	0.5	Pass
NVNT	ax40	6485	Ant1	43.41	0.5	Pass
NVNT	ax40	6485	Ant2	45.468	0.5	Pass
NVNT	ax40	6485	Ant1	42.9	0.5	Pass
NVNT	ax40	6485	Ant2	44.64	0.5	Pass
NVNT	ax40	6525	Ant1	44.436	0.5	Pass
NVNT	ax40	6525	Ant2	44.64	0.5	Pass
NVNT	ax40	6525	Ant1	44.706	0.5	Pass
NVNT	ax40	6525	Ant2	43.422	0.5	Pass
NVNT	ax80	6465	Ant1	83.784	0.5	Pass
NVNT	ax80	6465	Ant2	82.56	0.5	Pass

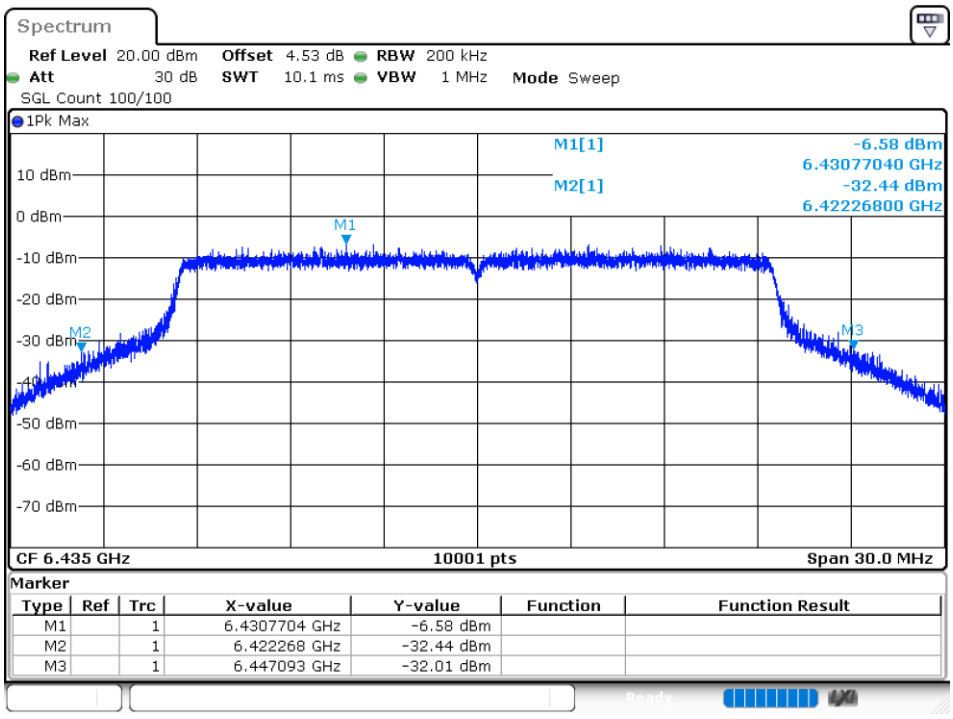
Test Graphs
-26dB Bandwidth NVNT ax160 6505MHz Ant1



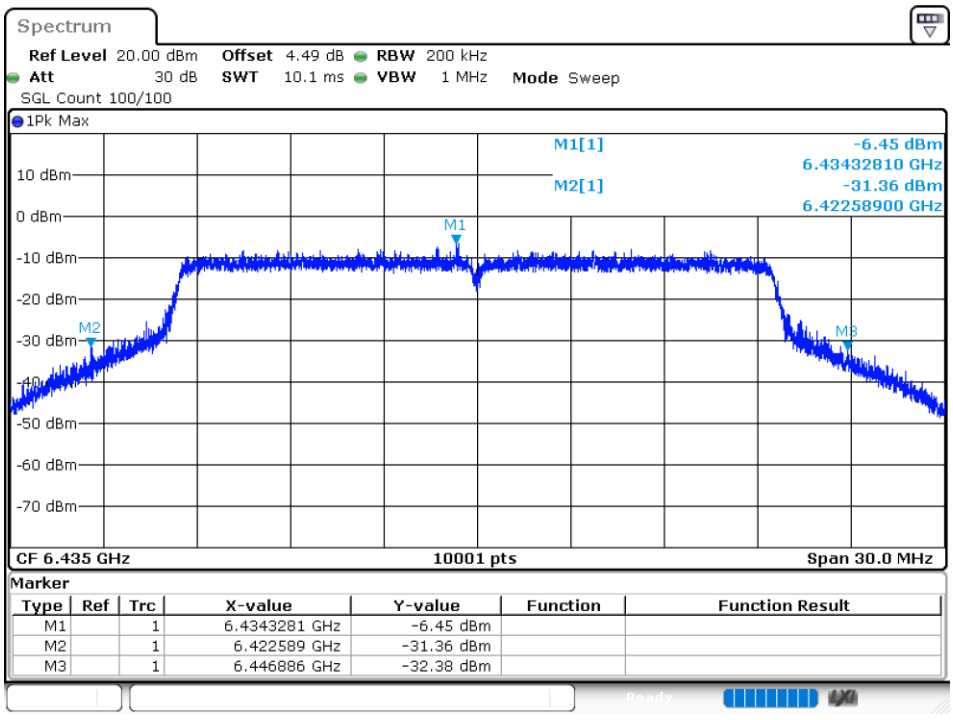
-26dB Bandwidth NVNT ax160 6505MHz Ant2



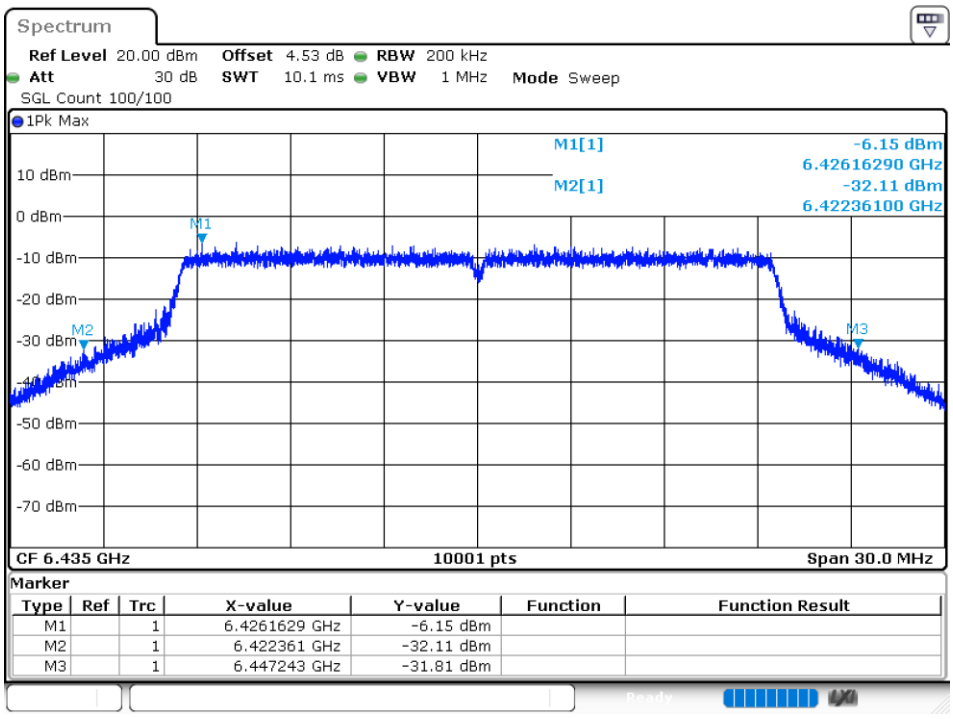
-26dB Bandwidth NVNT ax20 6435MHz Ant1



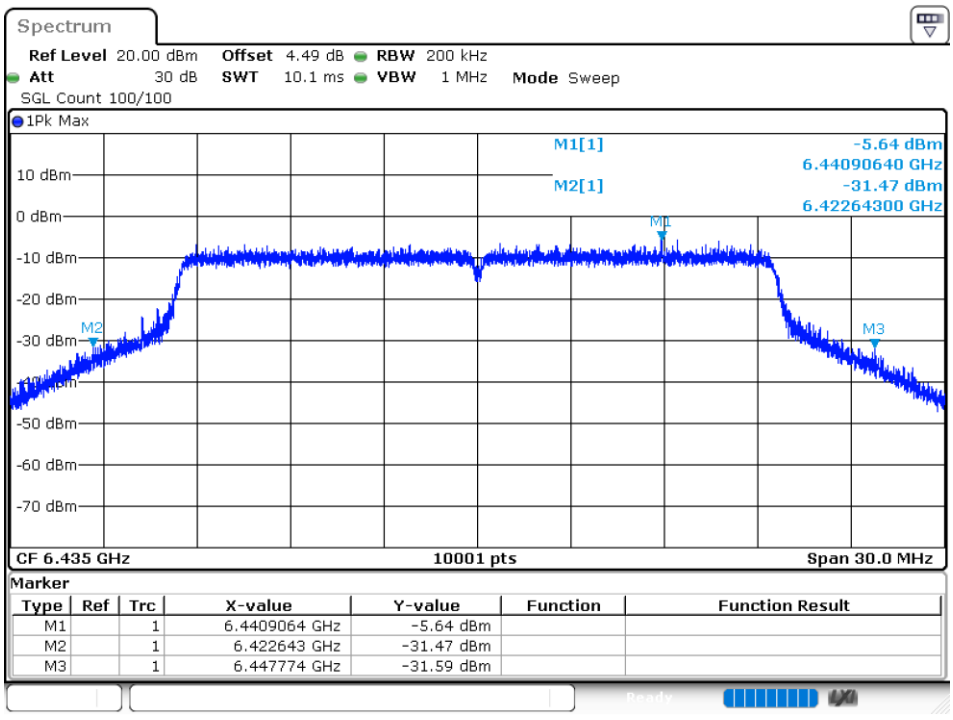
-26dB Bandwidth NVNT ax20 6435MHz Ant2



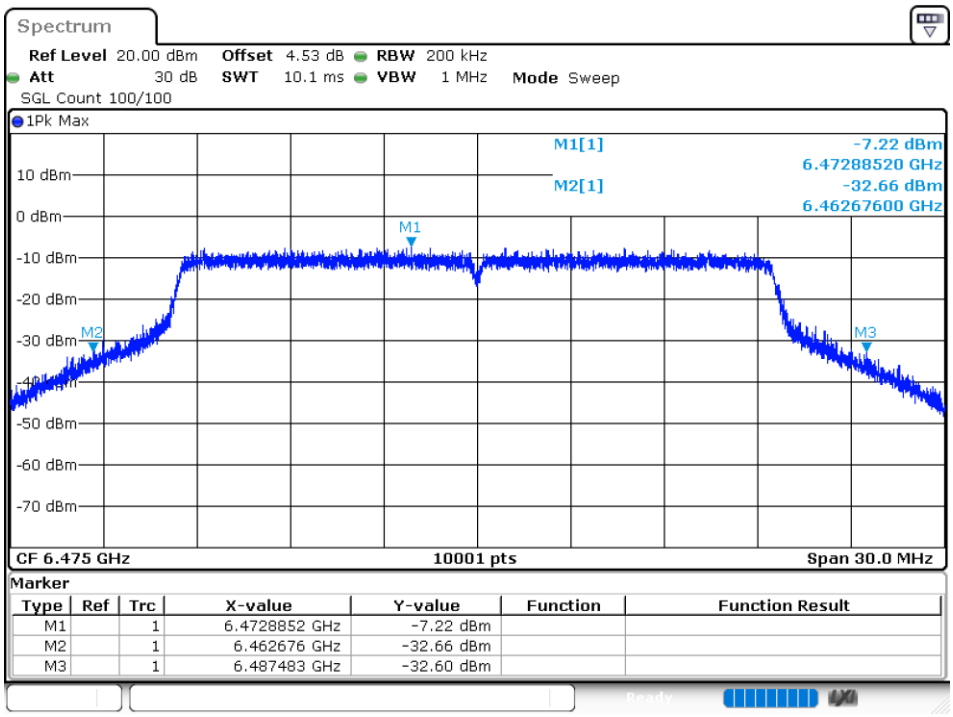
-26dB Bandwidth NVNT ax20 6435MHz Ant1



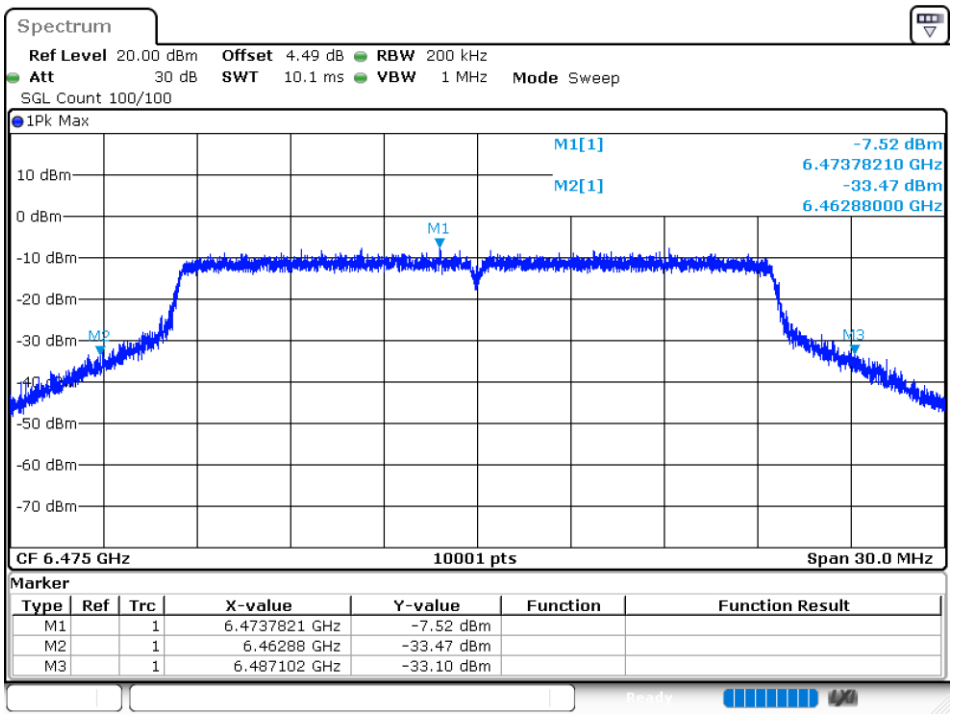
-26dB Bandwidth NVNT ax20 6435MHz Ant2



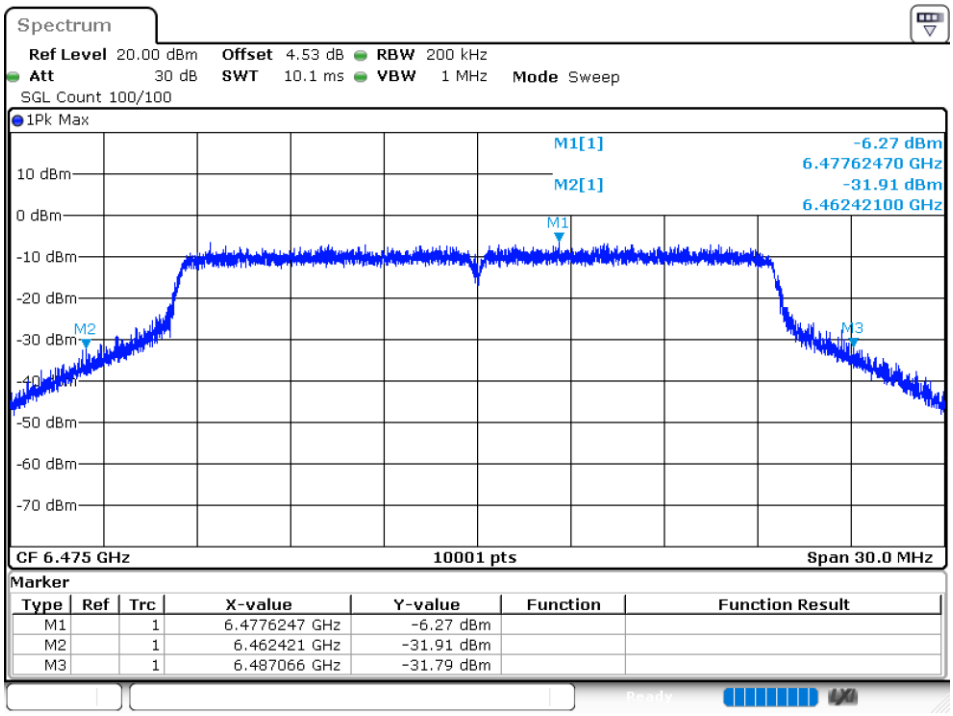
-26dB Bandwidth NVNT ax20 6475MHz Ant1



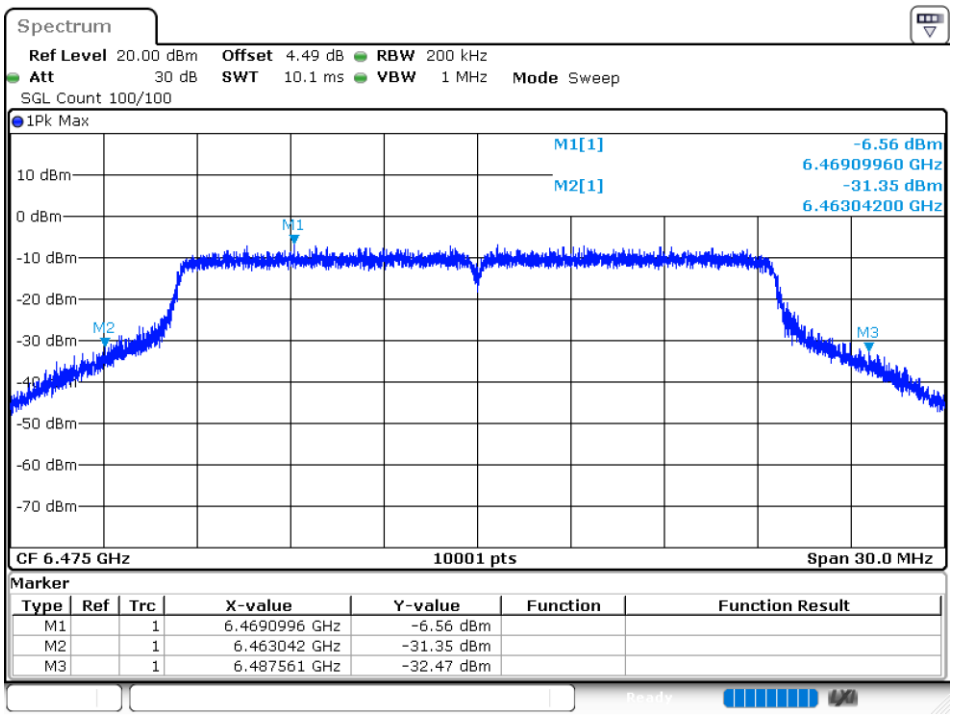
-26dB Bandwidth NVNT ax20 6475MHz Ant2



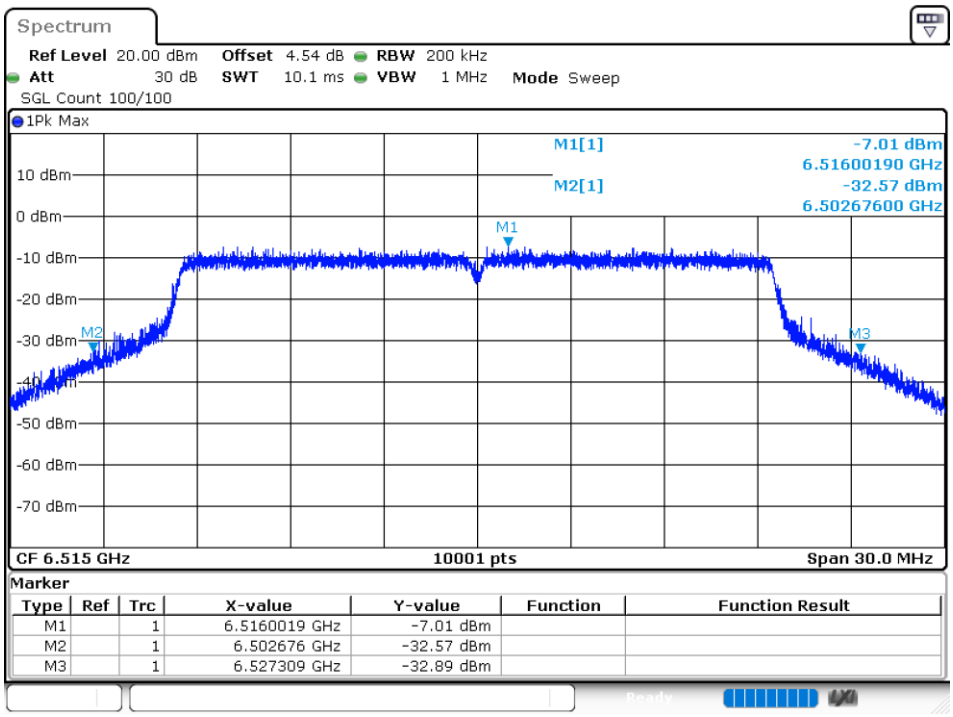
-26dB Bandwidth NVNT ax20 6475MHz Ant1



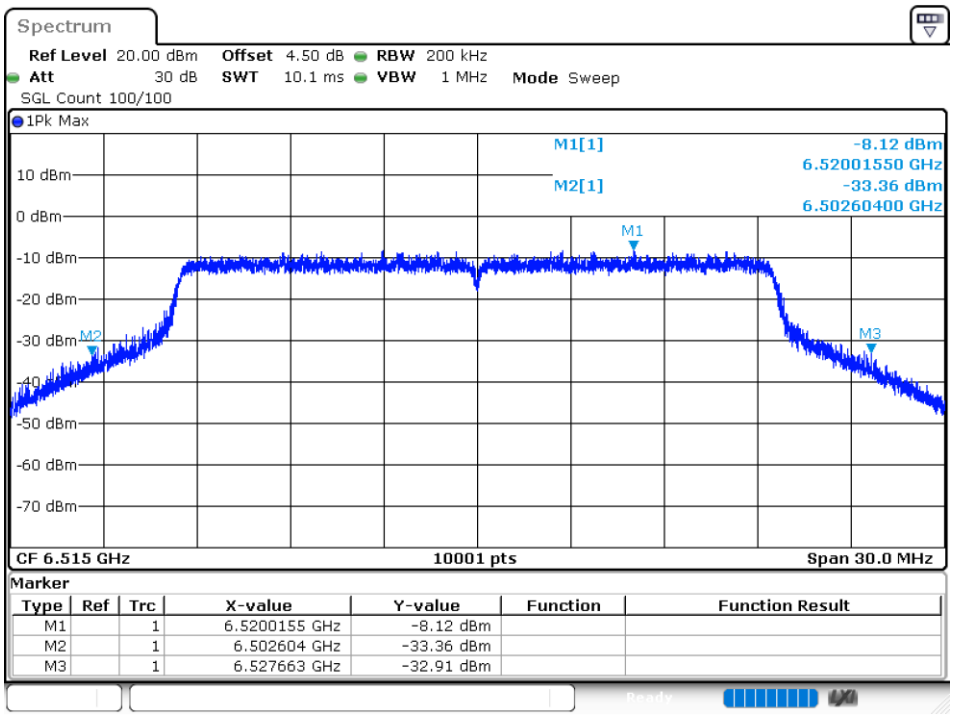
-26dB Bandwidth NVNT ax20 6475MHz Ant2



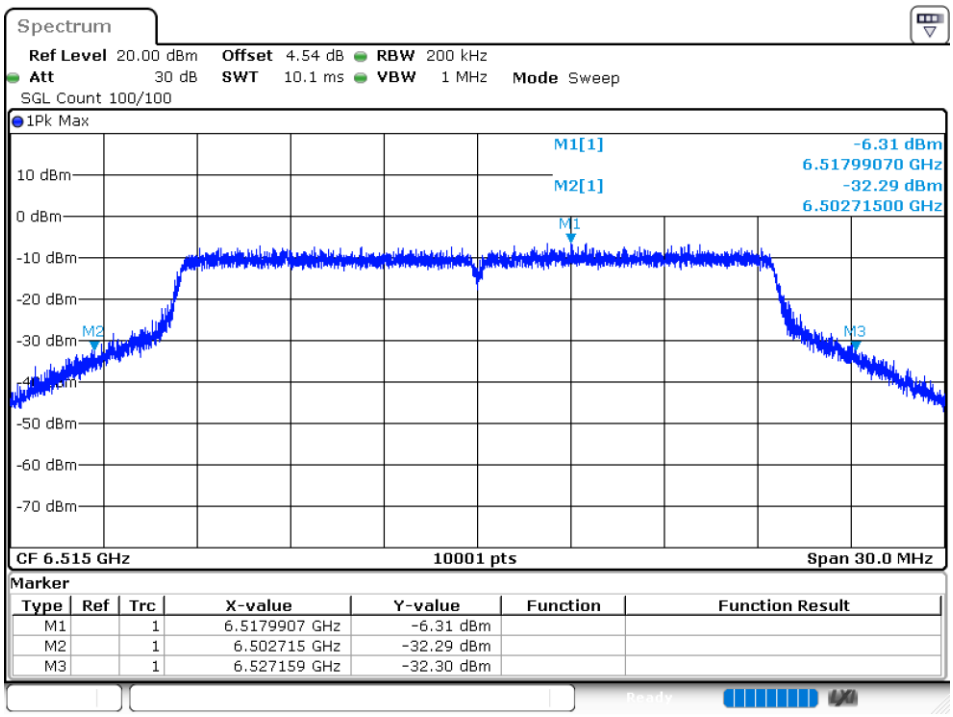
-26dB Bandwidth NVNT ax20 6515MHz Ant1



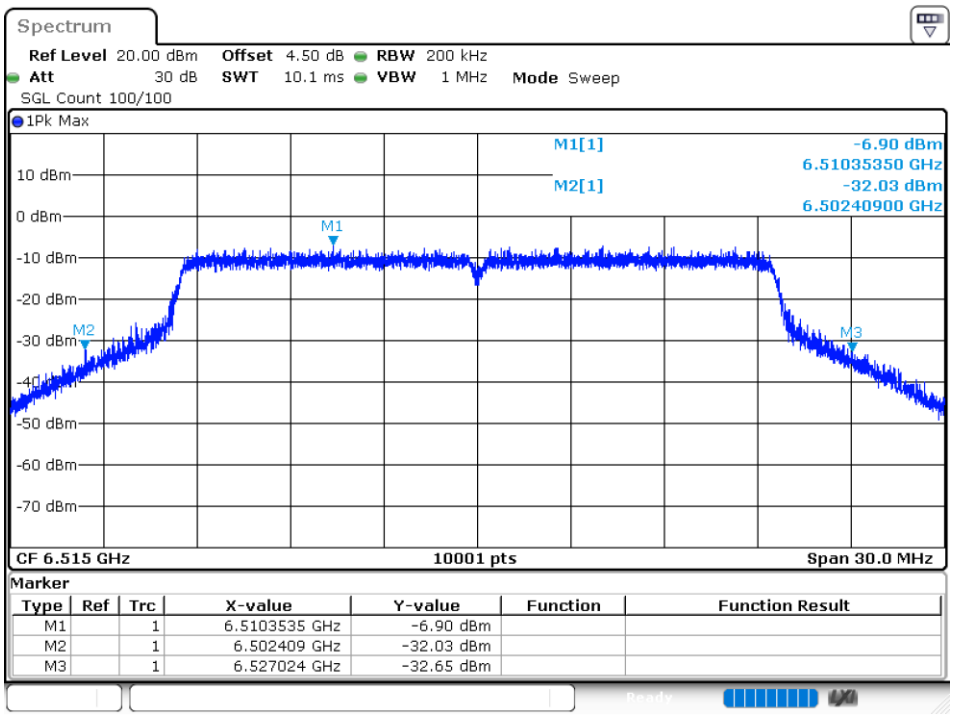
-26dB Bandwidth NVNT ax20 6515MHz Ant2



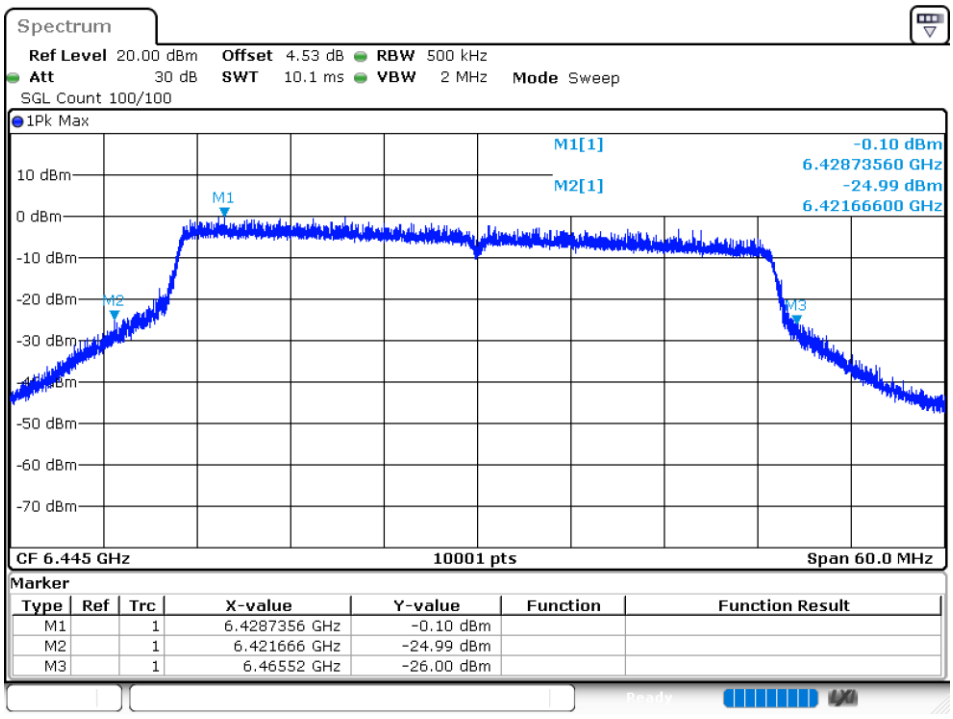
-26dB Bandwidth NVNT ax20 6515MHz Ant1



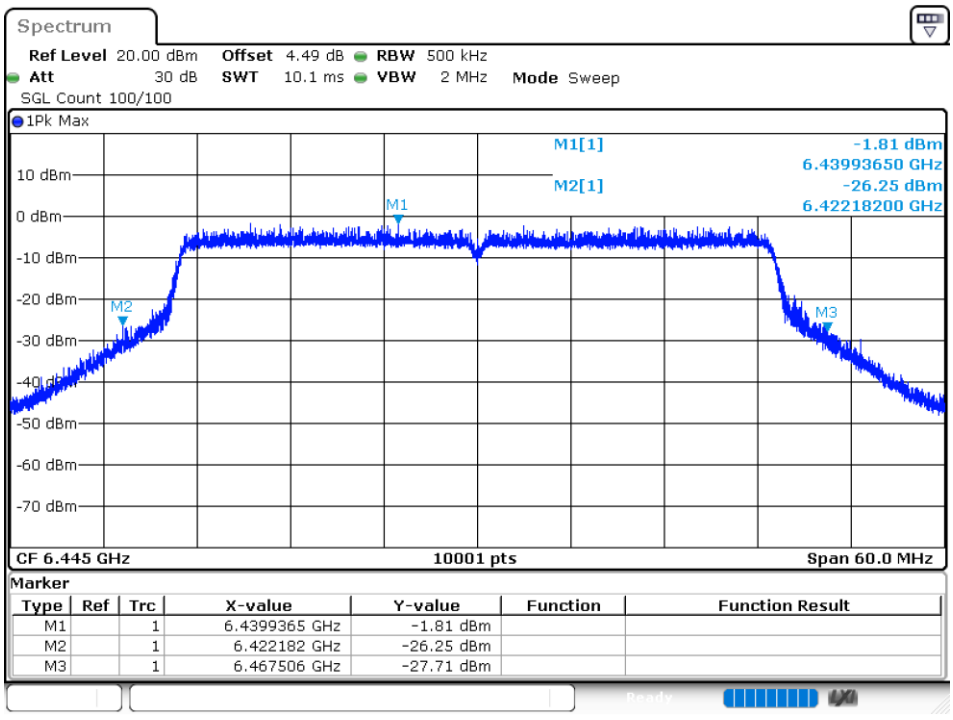
-26dB Bandwidth NVNT ax20 6515MHz Ant2



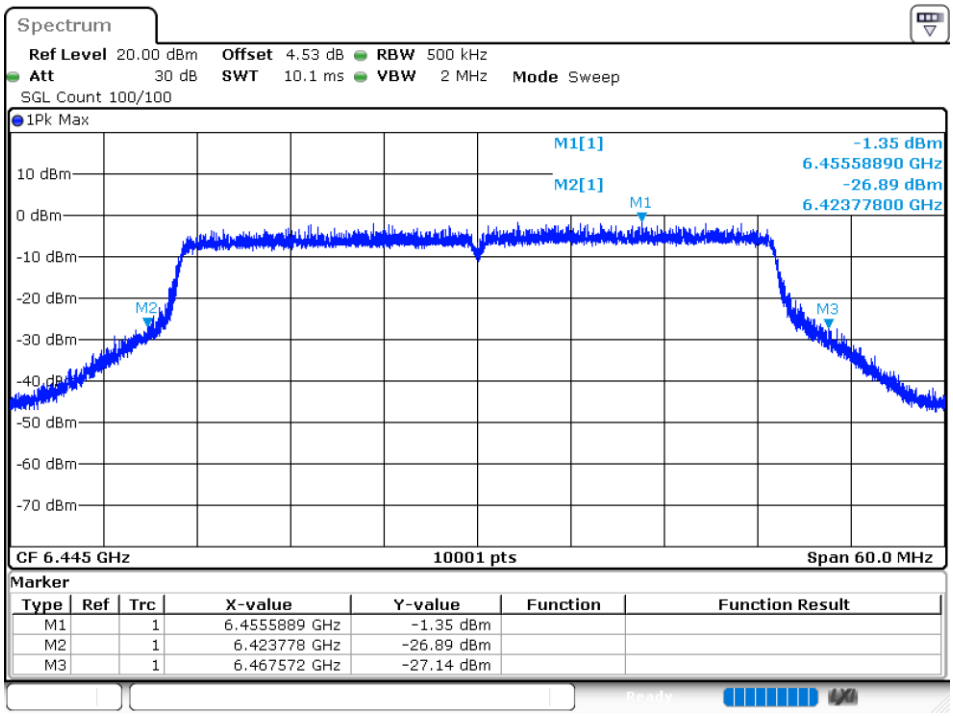
-26dB Bandwidth NVNT ax40 6445MHz Ant1



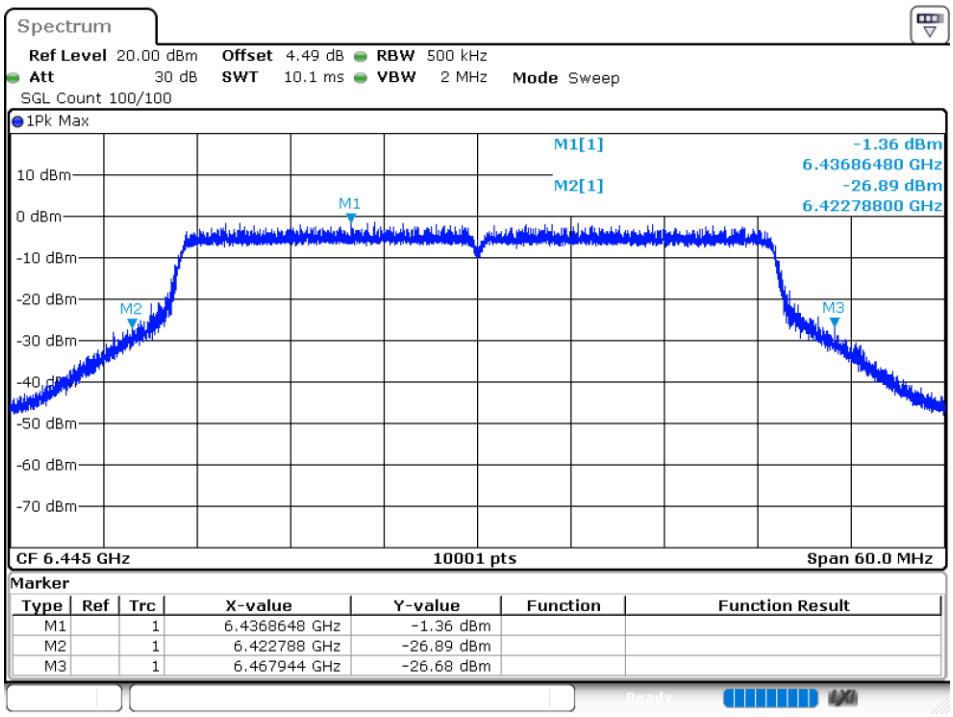
-26dB Bandwidth NVNT ax40 6445MHz Ant2



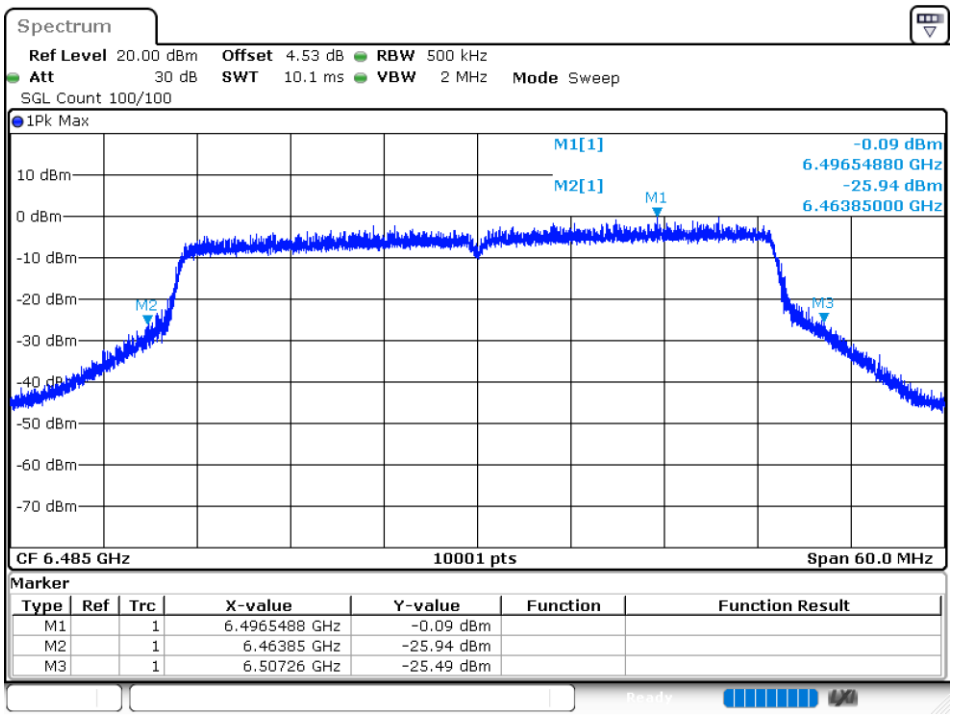
-26dB Bandwidth NVNT ax40 6445MHz Ant1



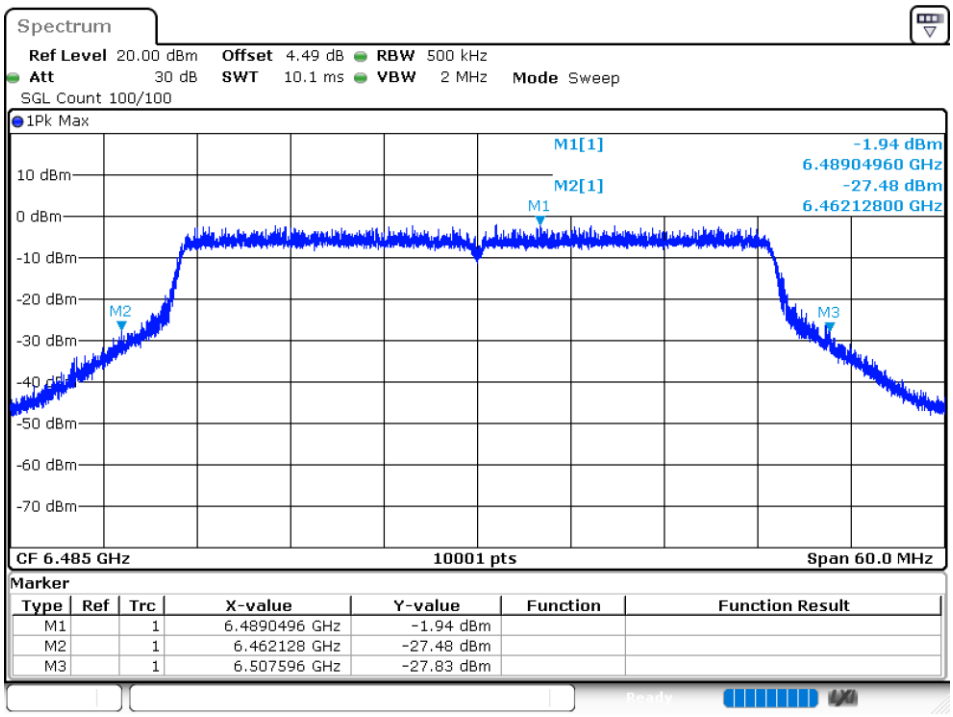
-26dB Bandwidth NVNT ax40 6445MHz Ant2



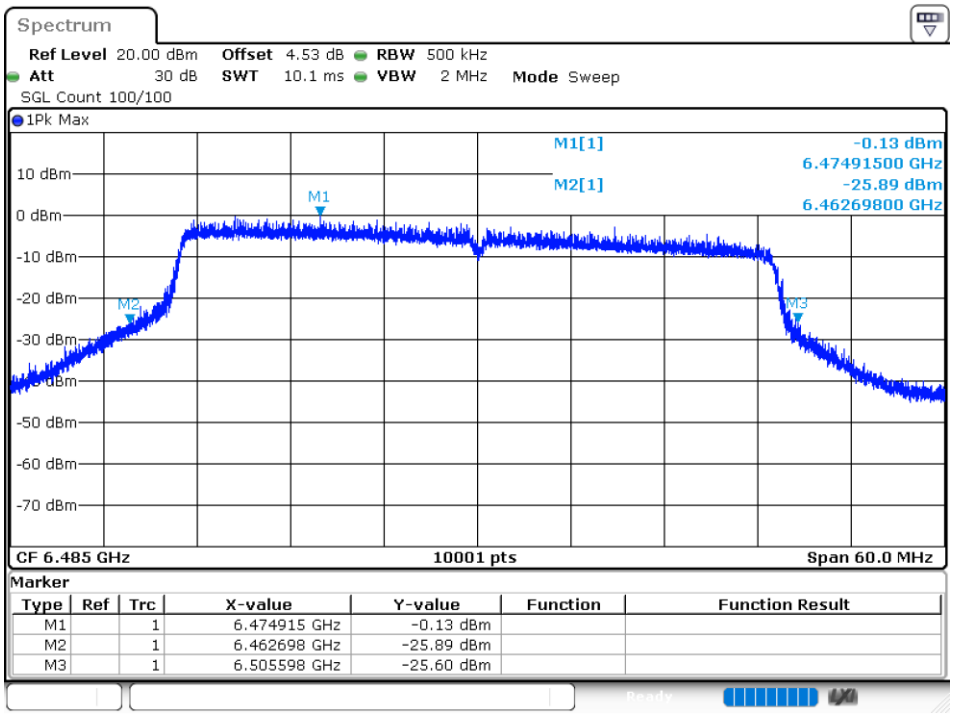
-26dB Bandwidth NVNT ax40 6485MHz Ant1



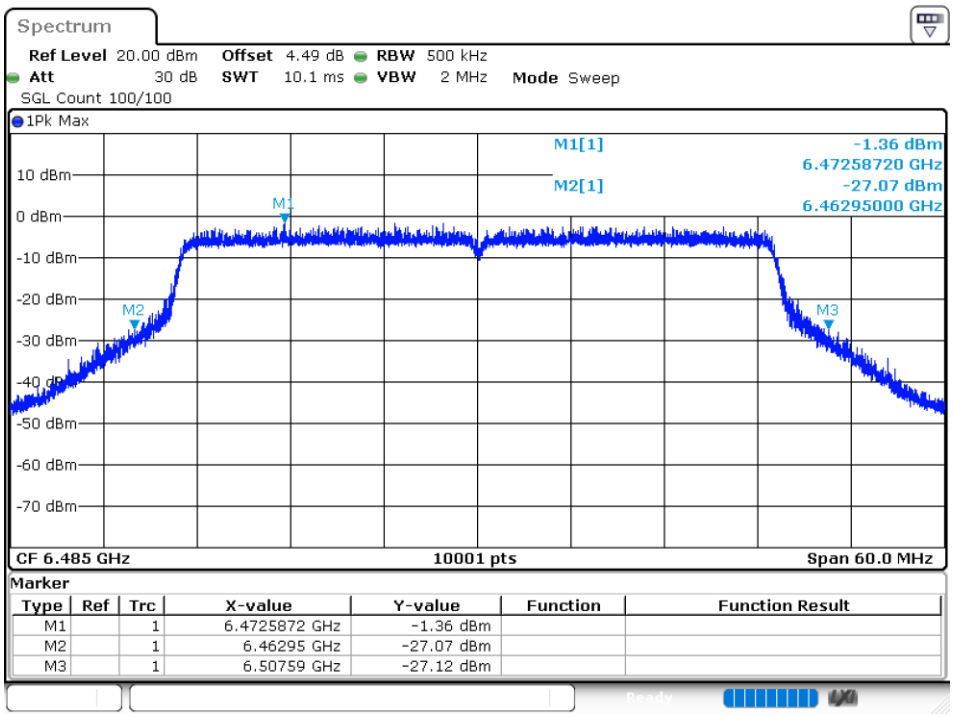
-26dB Bandwidth NVNT ax40 6485MHz Ant2



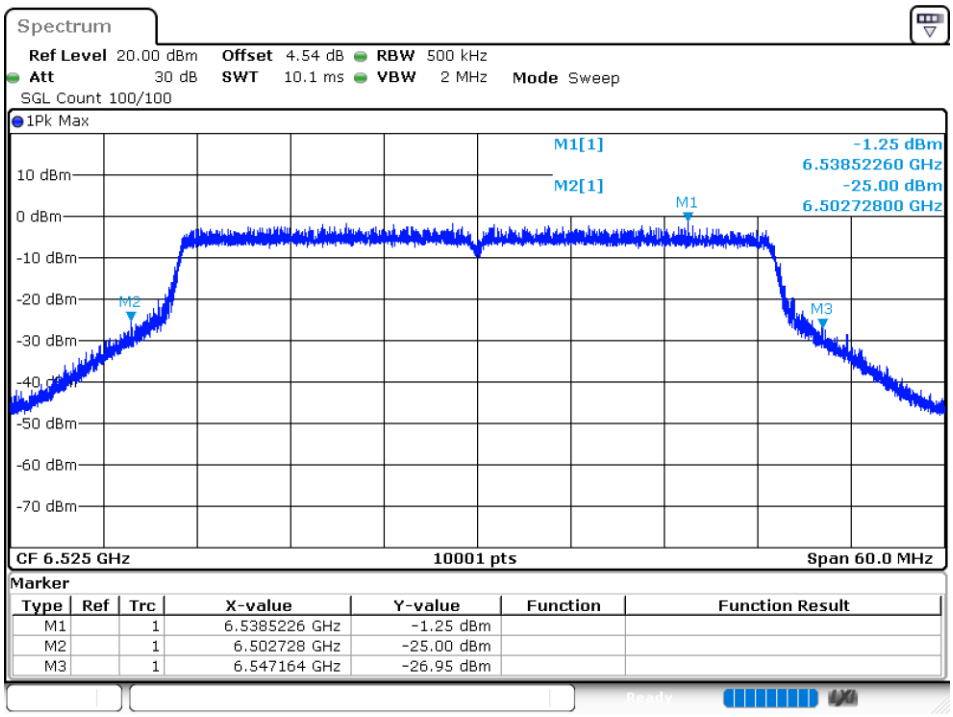
-26dB Bandwidth NVNT ax40 6485MHz Ant1



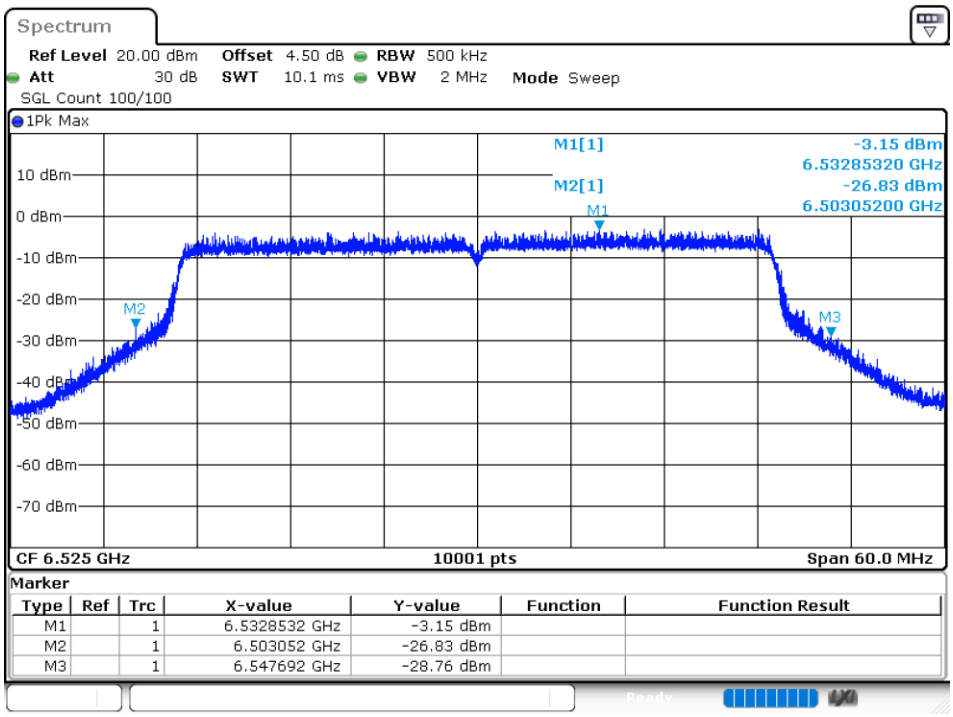
-26dB Bandwidth NVNT ax40 6485MHz Ant2



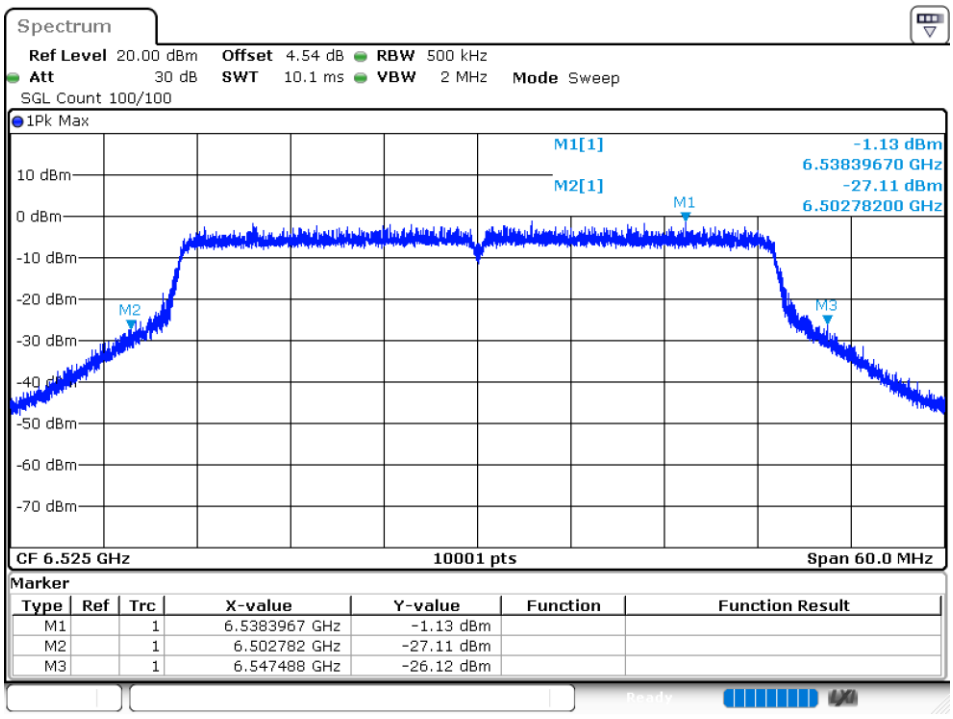
-26dB Bandwidth NVNT ax40 6525MHz Ant1



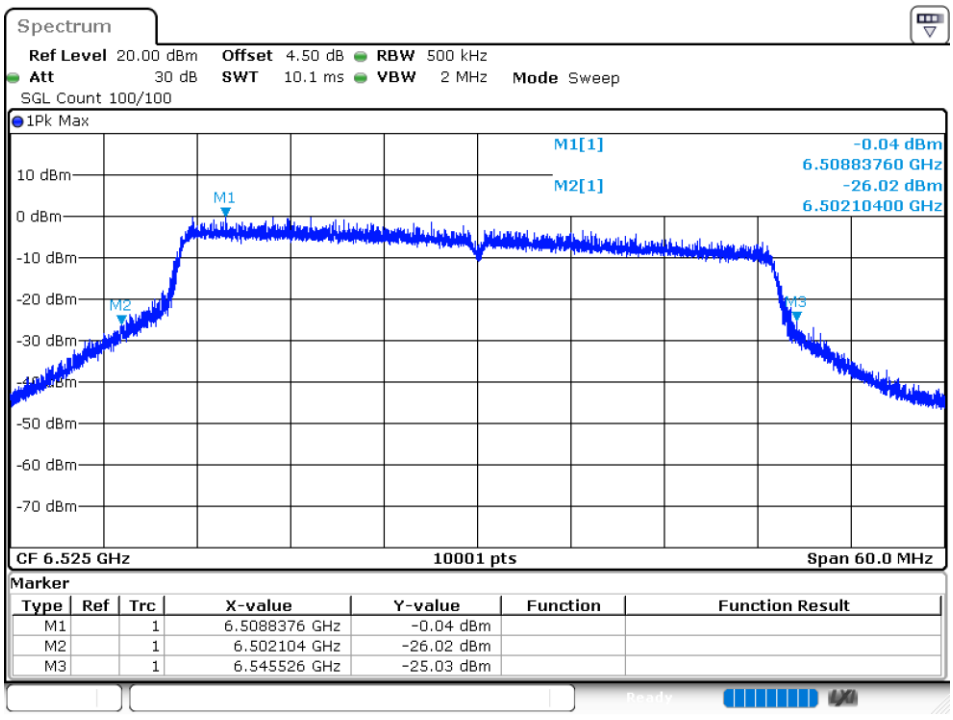
-26dB Bandwidth NVNT ax40 6525MHz Ant2



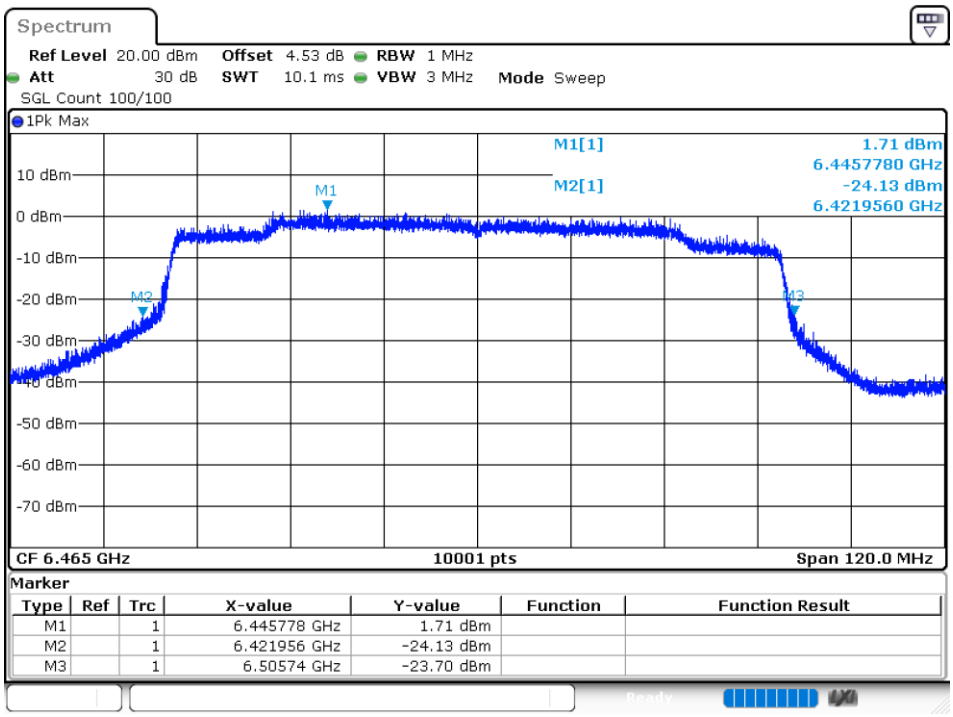
-26dB Bandwidth NVNT ax40 6525MHz Ant1



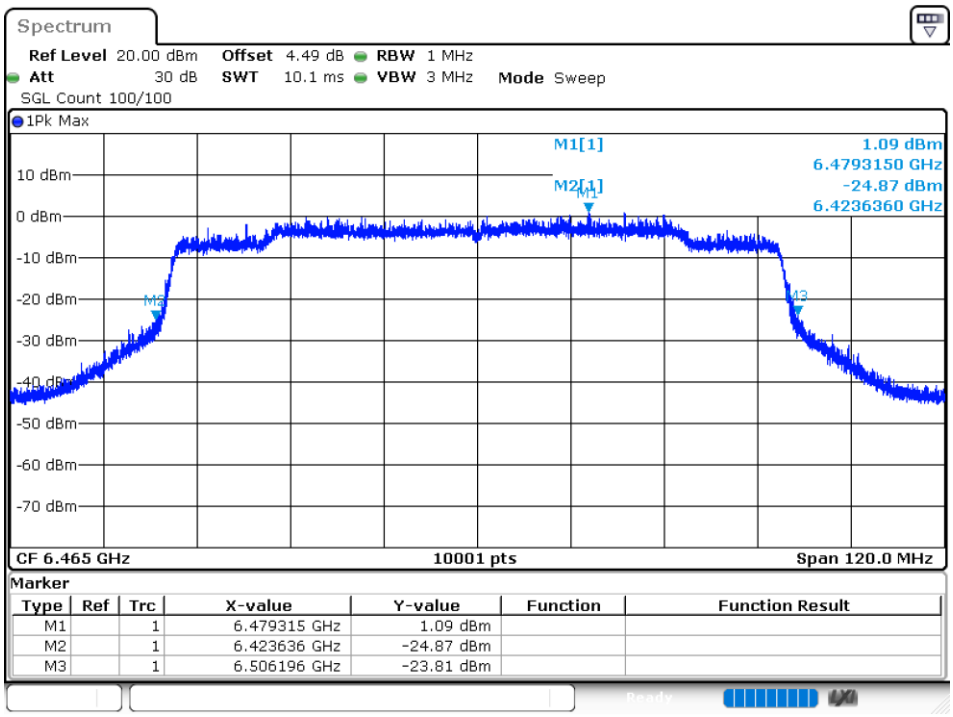
-26dB Bandwidth NVNT ax40 6525MHz Ant2



-26dB Bandwidth NVNT ax80 6465MHz Ant1



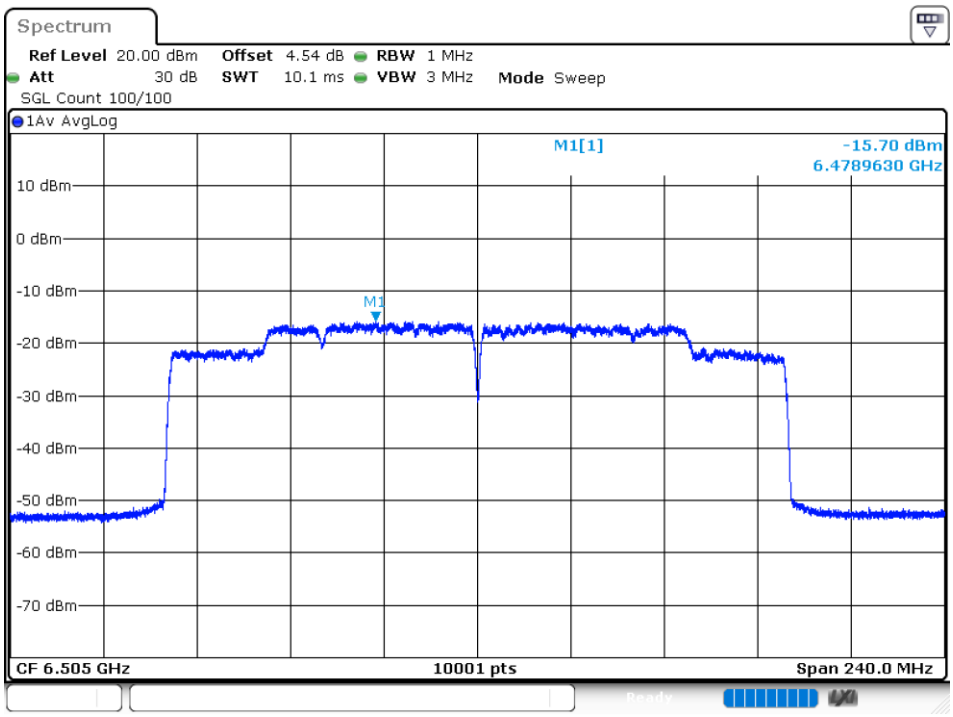
-26dB Bandwidth NVNT ax80 6465MHz Ant2



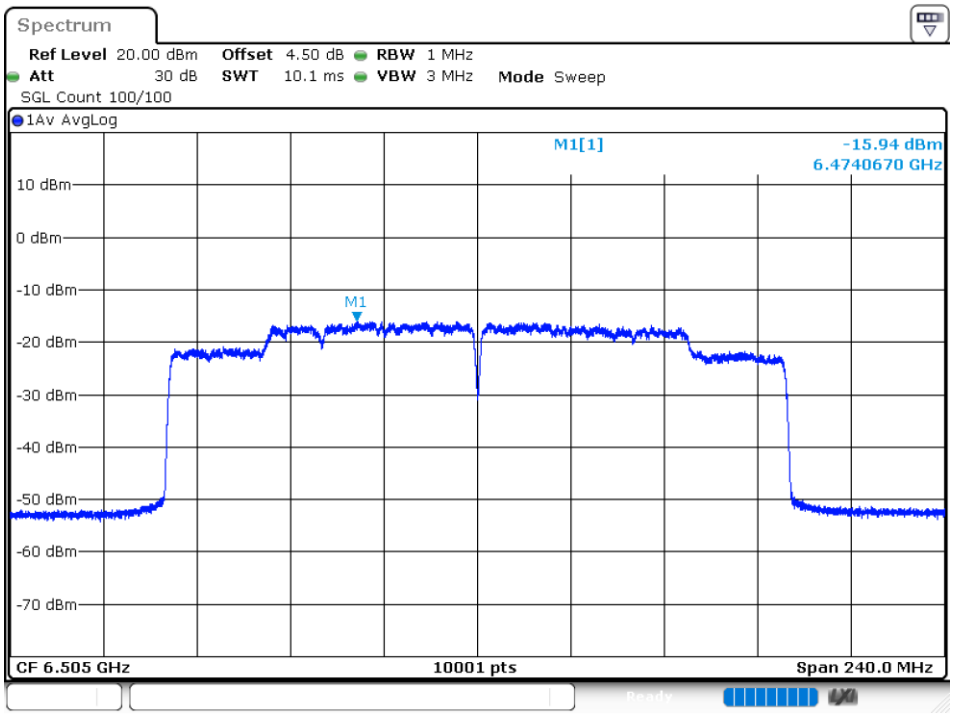
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	-15.7	0	-15.7	4.9	-10.8	-1	Pass
NVNT	ax160	6505	Ant2	-15.94	0	-15.94	4.81	-11.13	-1	Pass
NVNT	ax160	6505	Sum					-7.95	-1	Pass
NVNT	ax20	6435	Ant1	-10.18	0	-10.18	4.9	-5.28	-1	Pass
NVNT	ax20	6435	Ant2	-10.2	0	-10.2	4.81	-5.39	-1	Pass
NVNT	ax20	6435	Sum					-2.32	-1	Pass
NVNT	ax20	6475	Ant1	-11.31	0	-11.31	4.9	-6.41	-1	Pass
NVNT	ax20	6475	Ant2	-11.53	0	-11.53	4.81	-6.72	-1	Pass
NVNT	ax20	6475	Sum					-3.55	-1	Pass
NVNT	ax20	6515	Ant1	-10.13	0	-10.13	4.9	-5.23	-1	Pass
NVNT	ax20	6515	Ant2	-10.74	0	-10.74	4.81	-5.93	-1	Pass
NVNT	ax20	6515	Sum					-2.56	-1	Pass
NVNT	ax40	6445	Ant1	-10.51	0	-10.51	4.9	-5.61	-1	Pass
NVNT	ax40	6445	Ant2	-10.08	0	-10.08	4.81	-5.27	-1	Pass
NVNT	ax40	6445	Sum					-2.43	-1	Pass
NVNT	ax40	6485	Ant1	-9.21	0	-9.21	4.9	-4.31	-1	Pass
NVNT	ax40	6485	Ant2	-10.59	0	-10.59	4.81	-5.78	-1	Pass
NVNT	ax40	6485	Sum					-1.97	-1	Pass
NVNT	ax40	6525	Ant1	-10.6	0	-10.6	4.9	-5.7	-1	Pass
NVNT	ax40	6525	Ant2	-8.99	0	-8.99	4.81	-4.18	-1	Pass
NVNT	ax40	6525	Sum					-1.86	-1	Pass
NVNT	ax80	6465	Ant1	-13.29	0	-13.29	4.9	-8.39	-1	Pass
NVNT	ax80	6465	Ant2	-13.59	0	-13.59	4.81	-8.78	-1	Pass
NVNT	ax80	6465	Sum					-5.57	-1	Pass

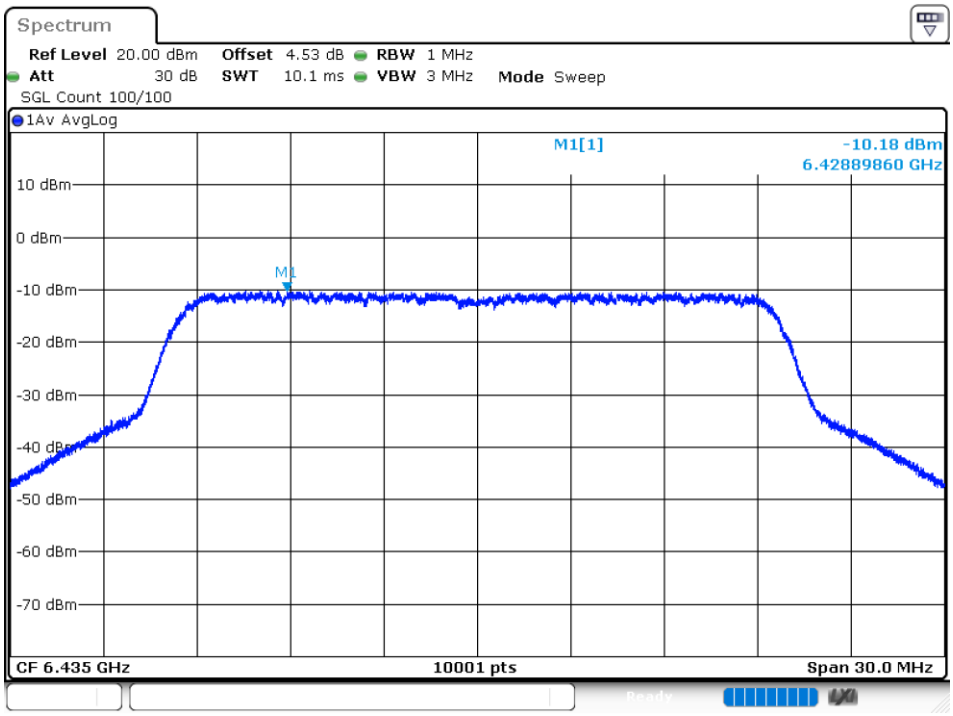
Test Graphs
PSD NVNT ax160 6505MHz Ant1



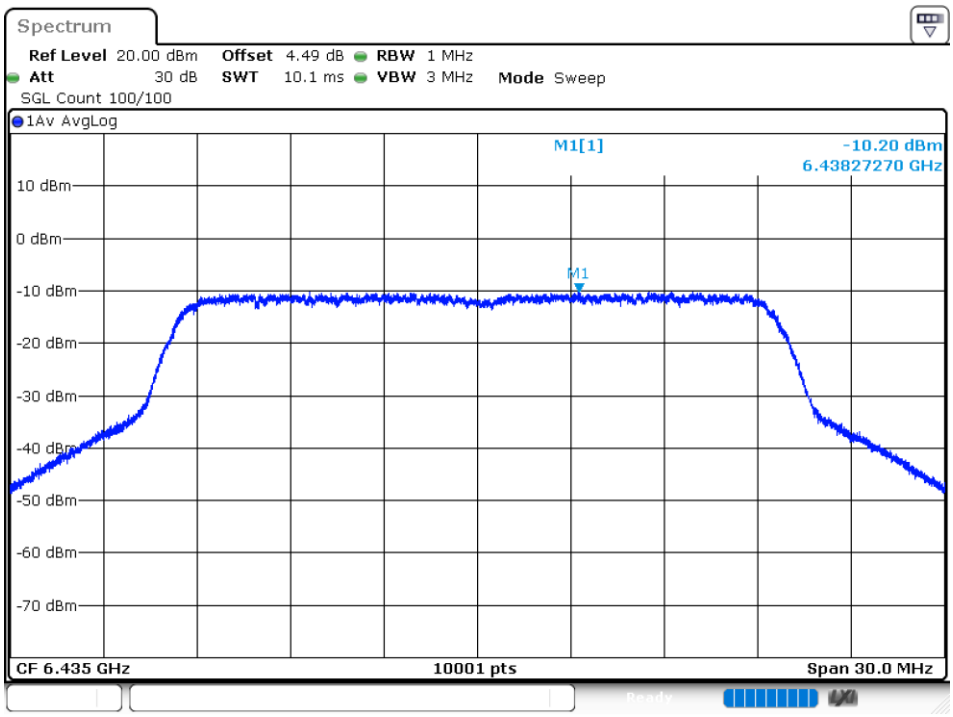
PSD NVNT ax160 6505MHz Ant2



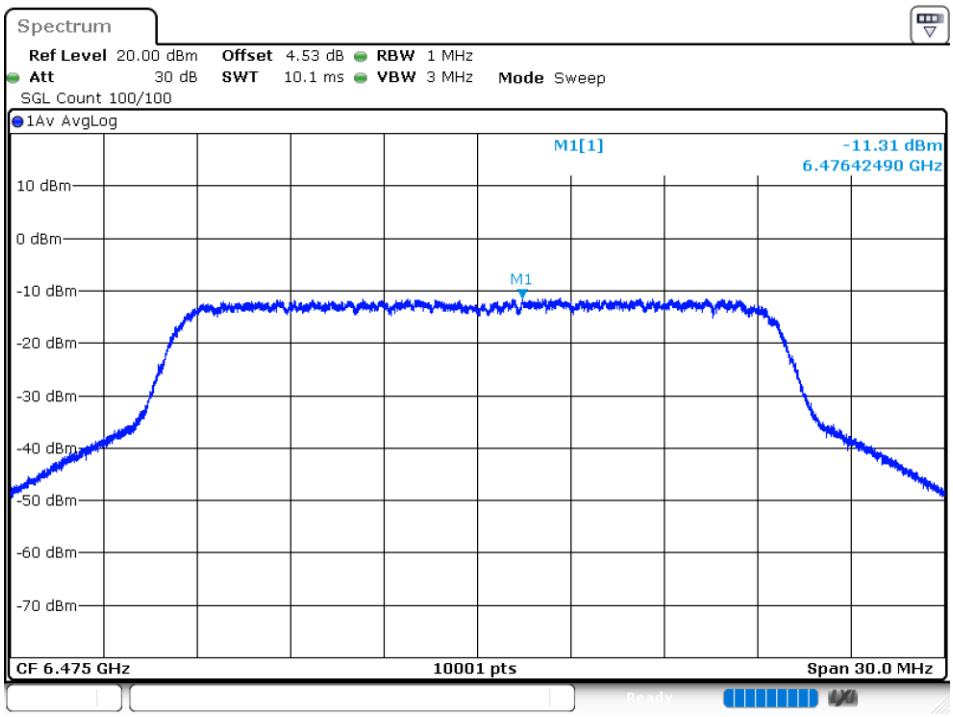
PSD NVNT ax20 6435MHz Ant1



PSD NVNT ax20 6435MHz Ant2



PSD NVNT ax20 6475MHz Ant1



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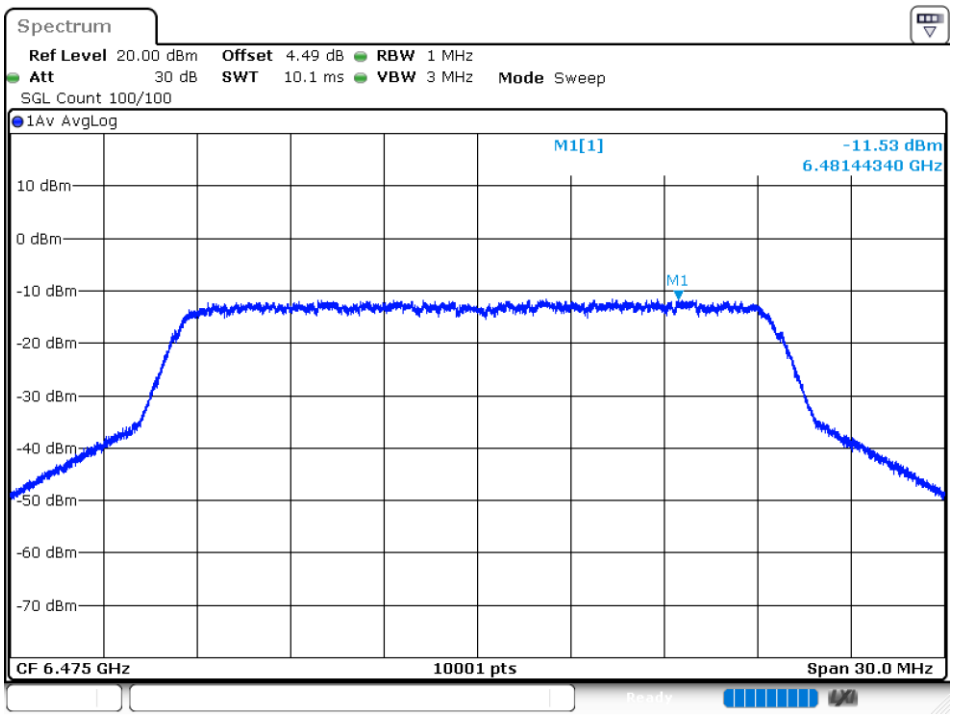
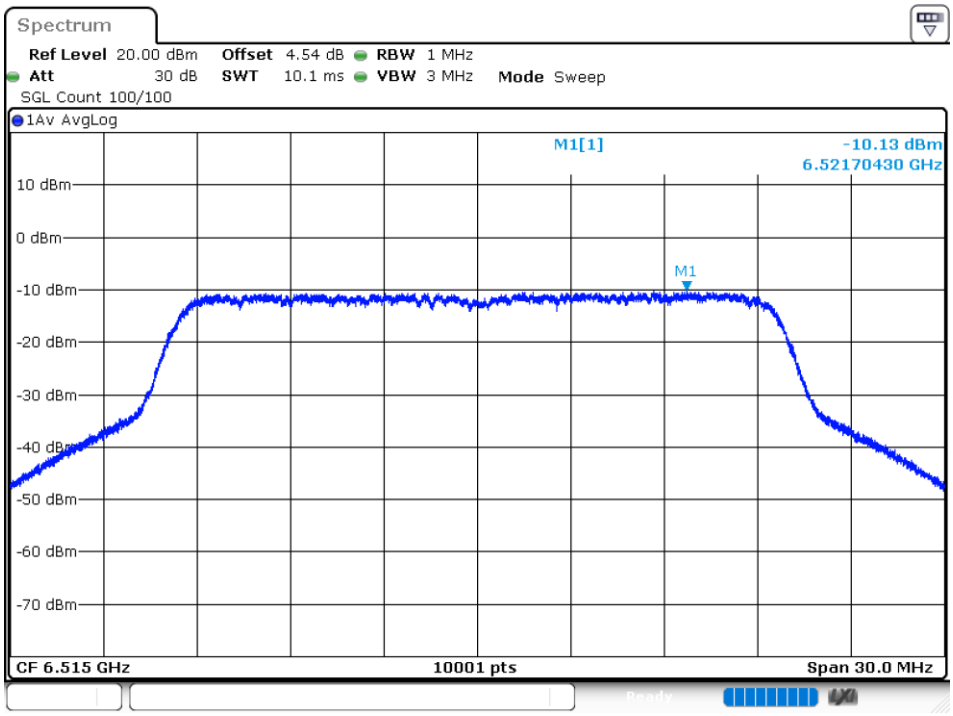
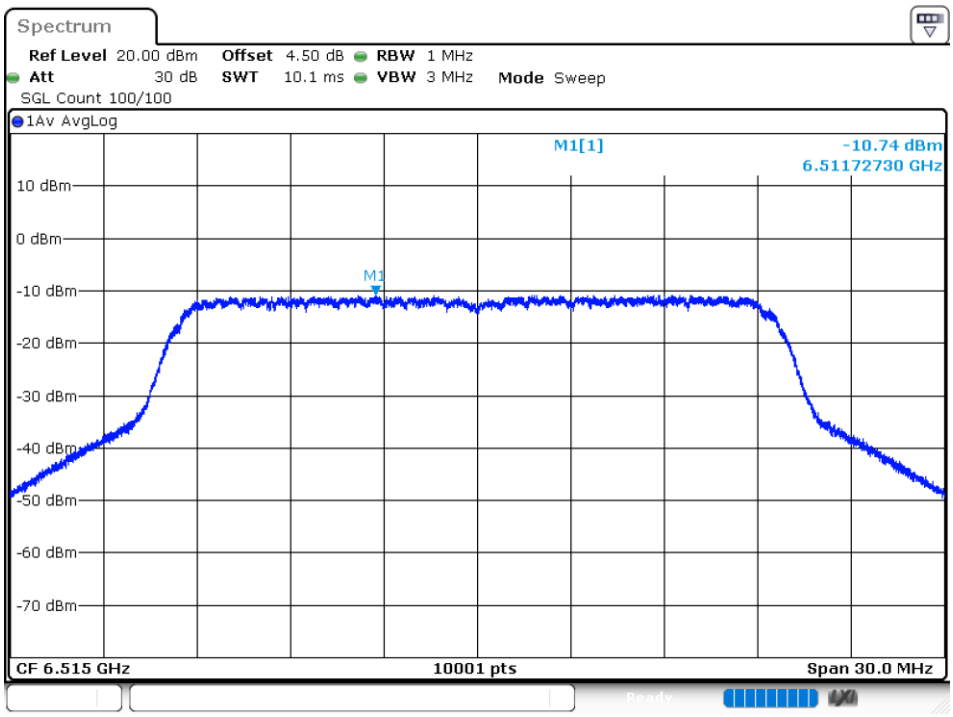


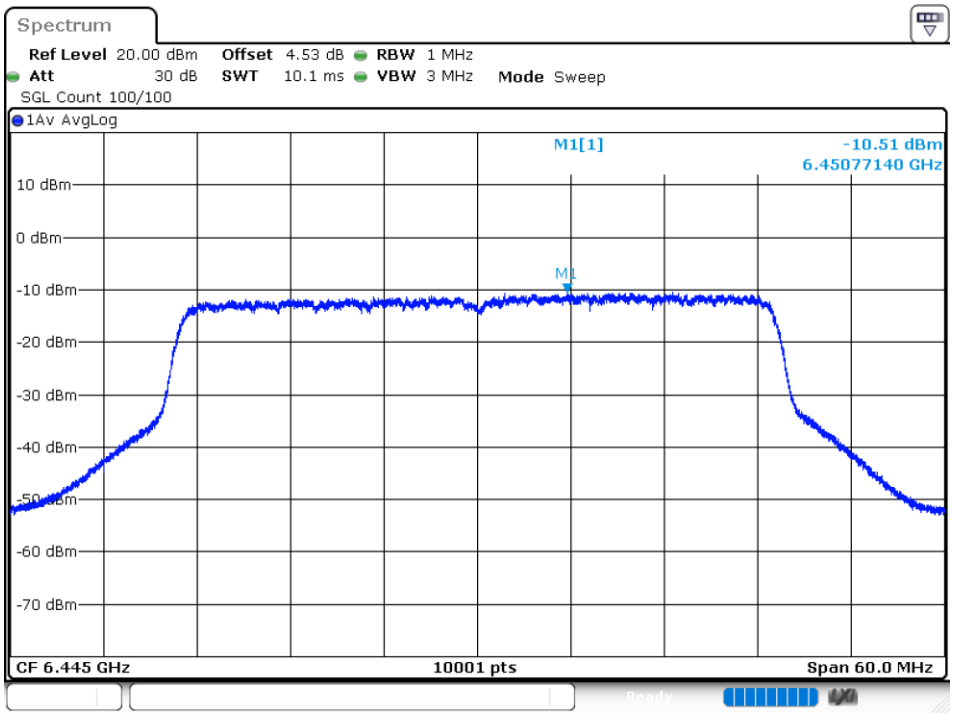
PSD NVNT ax20 6515MHz Ant1



PSD NVNT ax20 6515MHz Ant2



PSD NVNT ax40 6445MHz Ant1



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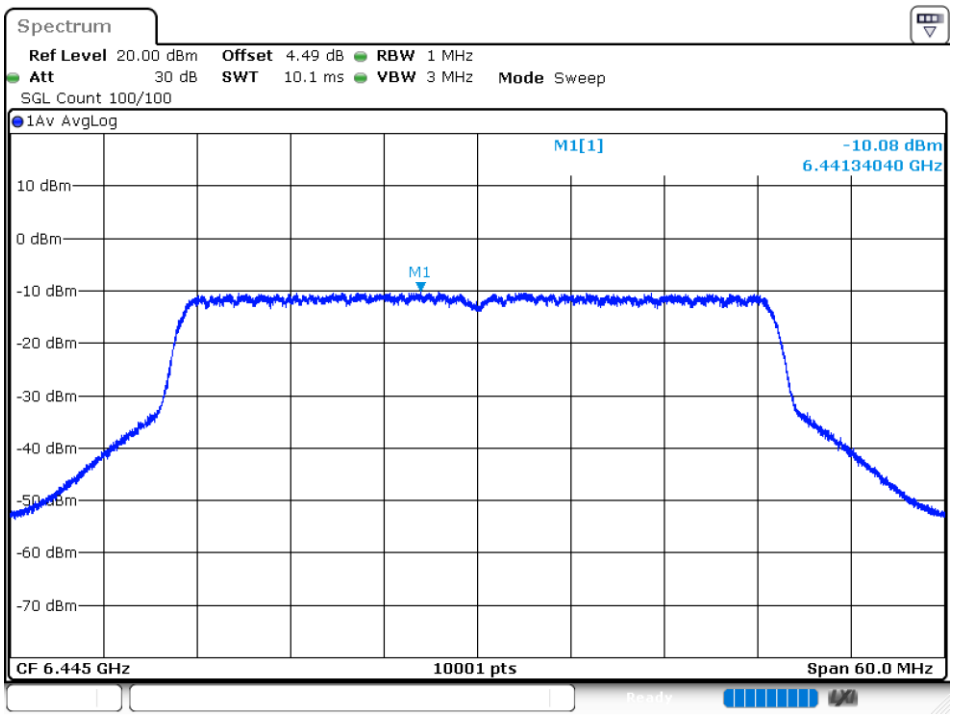
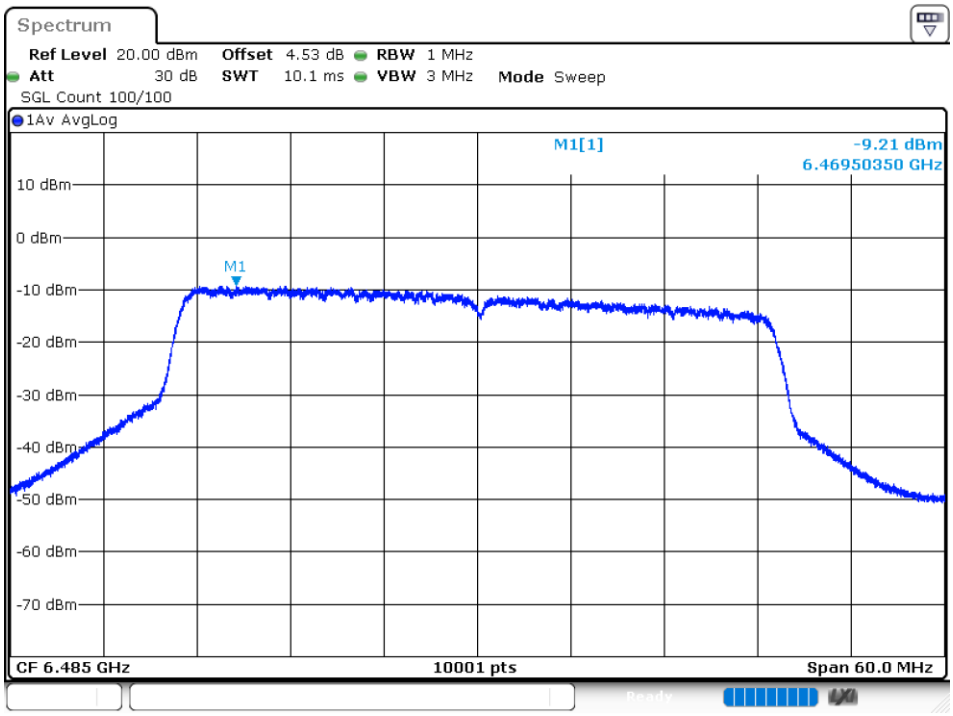
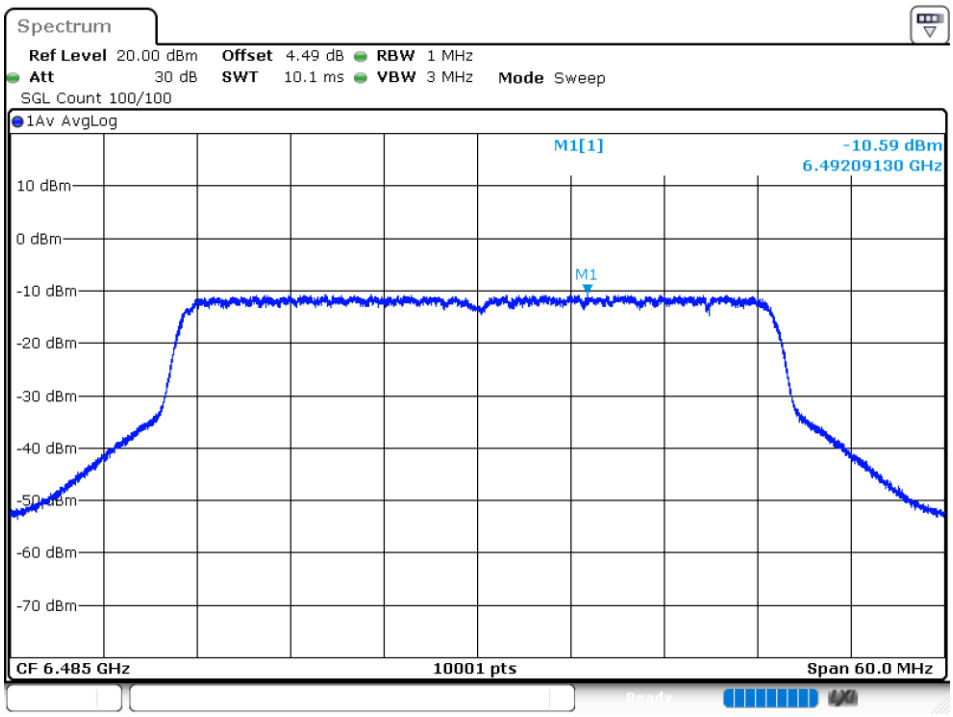


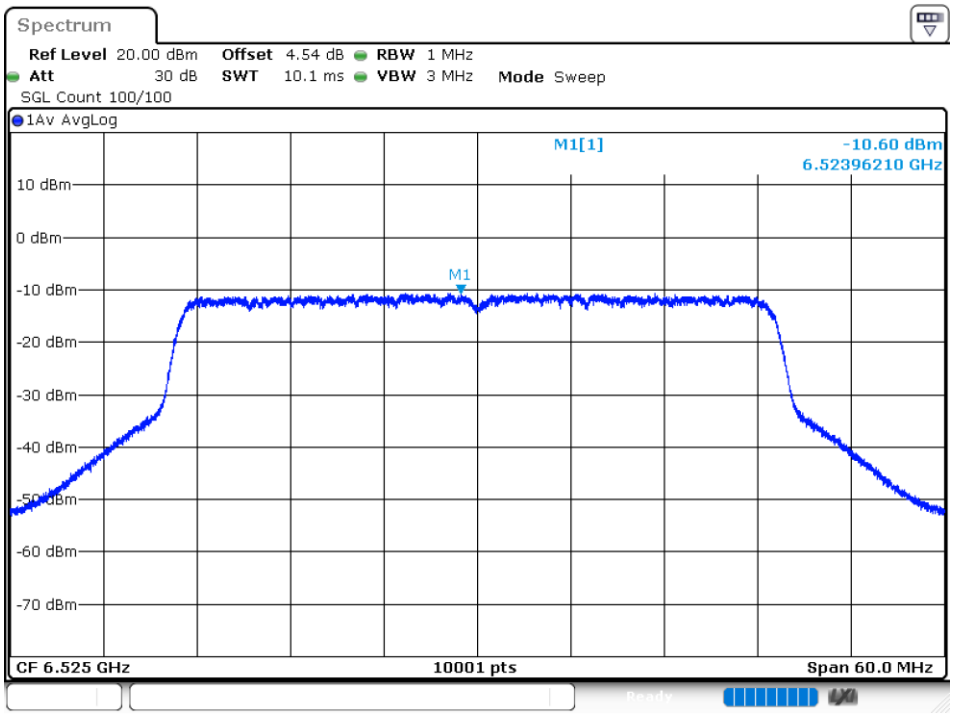
PSD NVNT ax40 6485MHz Ant1



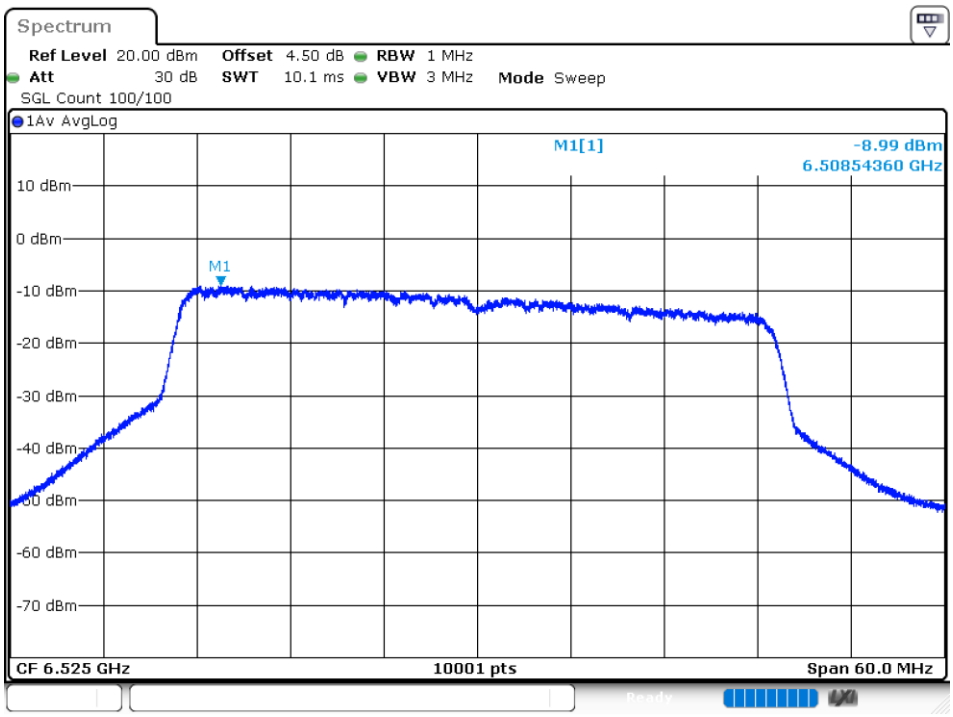
PSD NVNT ax40 6485MHz Ant2



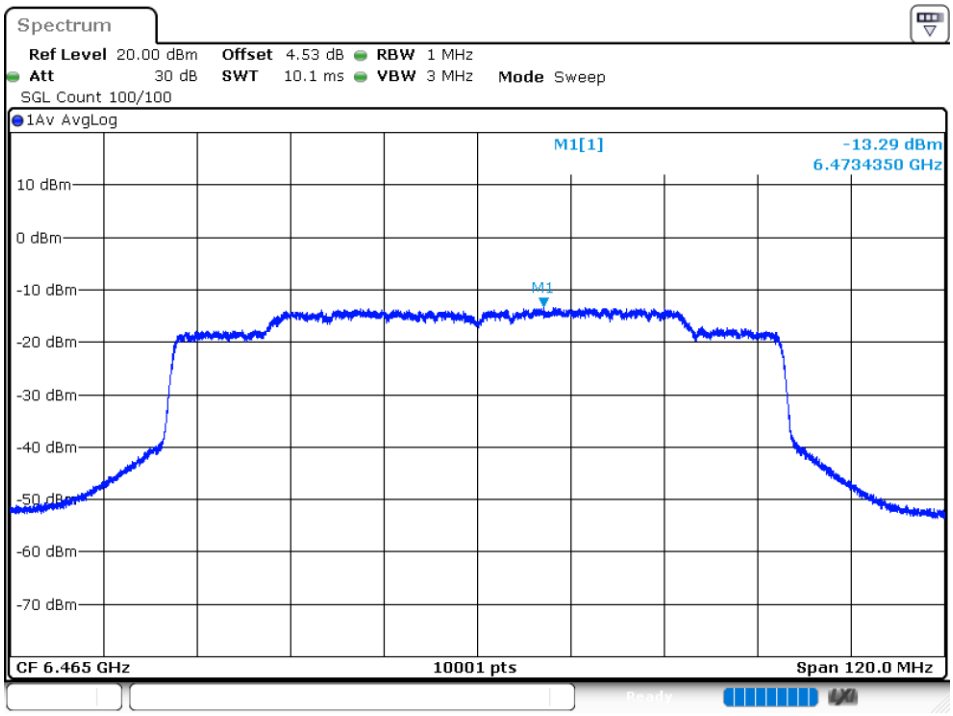
PSD NVNT ax40 6525MHz Ant1



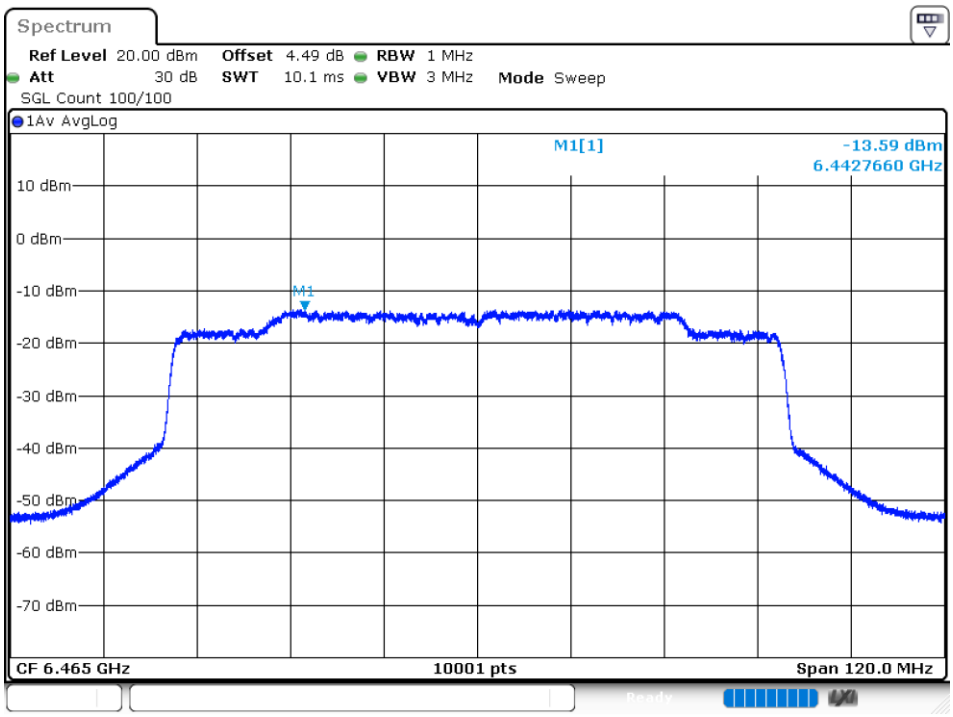
PSD NVNT ax40 6525MHz Ant2



PSD NVNT ax80 6465MHz Ant1



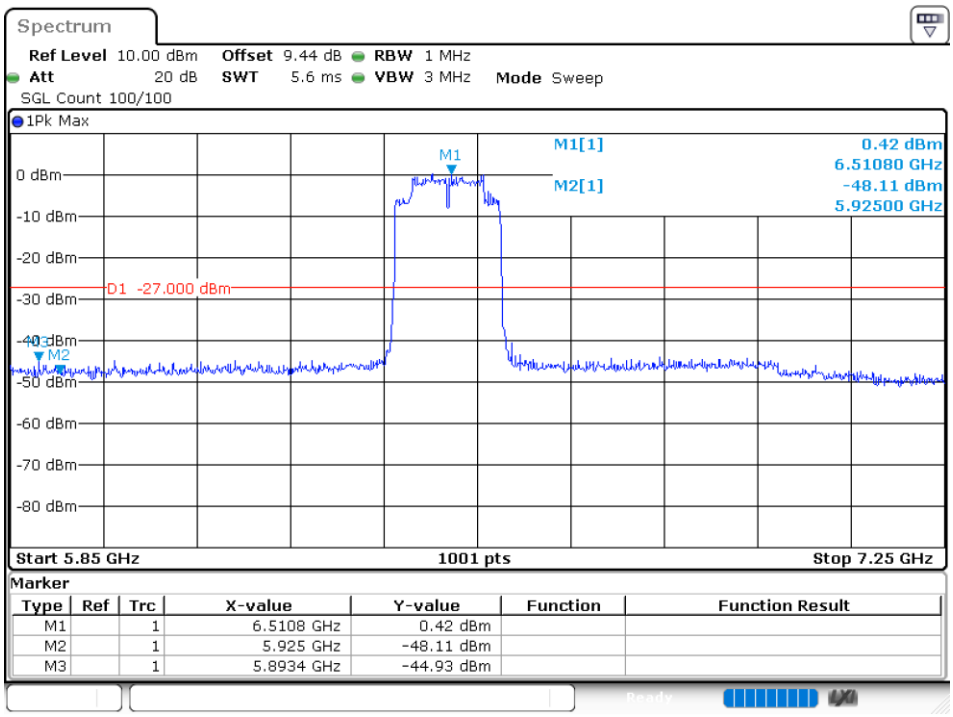
PSD NVNT ax80 6465MHz Ant2



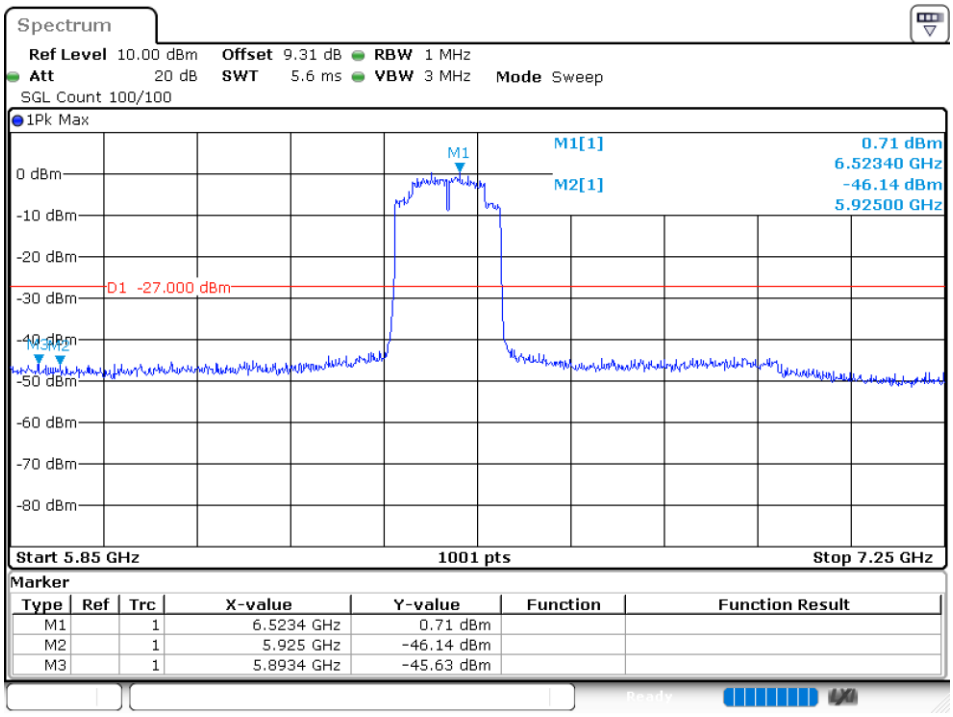
Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	-44.92	-27	Pass
NVNT	ax160	6505	Ant2	-45.62	-27	Pass
NVNT	ax20	6435	Ant1	-45.32	-27	Pass
NVNT	ax20	6435	Ant2	-46.56	-27	Pass
NVNT	ax20	6515	Ant1	-47.2	-27	Pass
NVNT	ax20	6515	Ant2	-47.98	-27	Pass
NVNT	ax40	6445	Ant1	-46.41	-27	Pass
NVNT	ax40	6445	Ant2	-45.22	-27	Pass
NVNT	ax40	6525	Ant1	-47.79	-27	Pass
NVNT	ax40	6525	Ant2	-47.83	-27	Pass
NVNT	ax80	6465	Ant1	-44.96	-27	Pass
NVNT	ax80	6465	Ant2	-45.6	-27	Pass

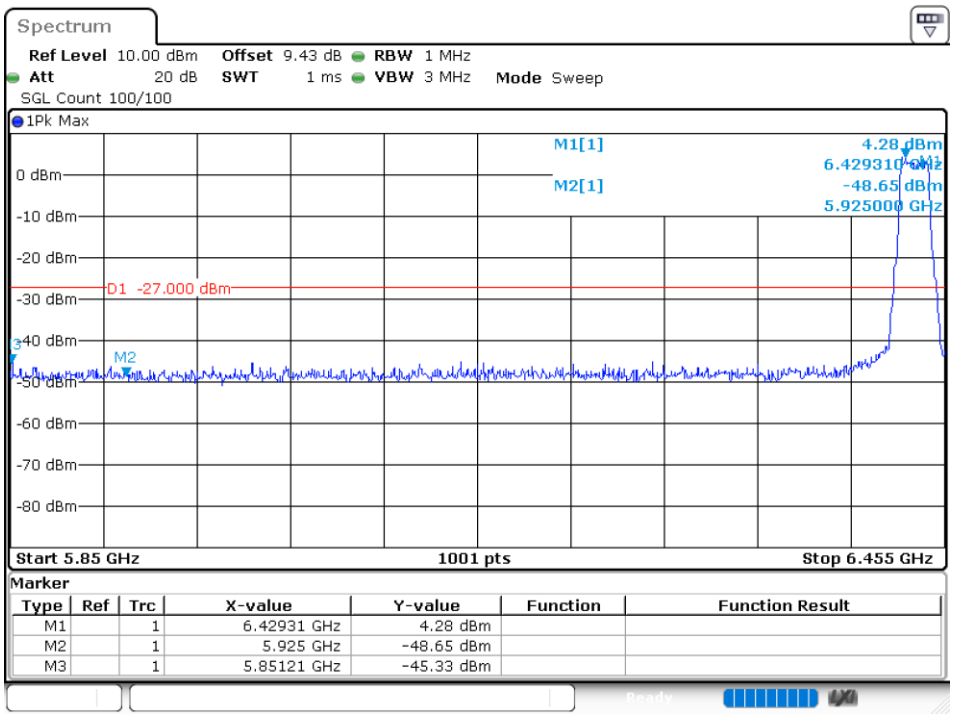
Test Graphs
Band Edge NVNT ax160 6505MHz Low Ant1



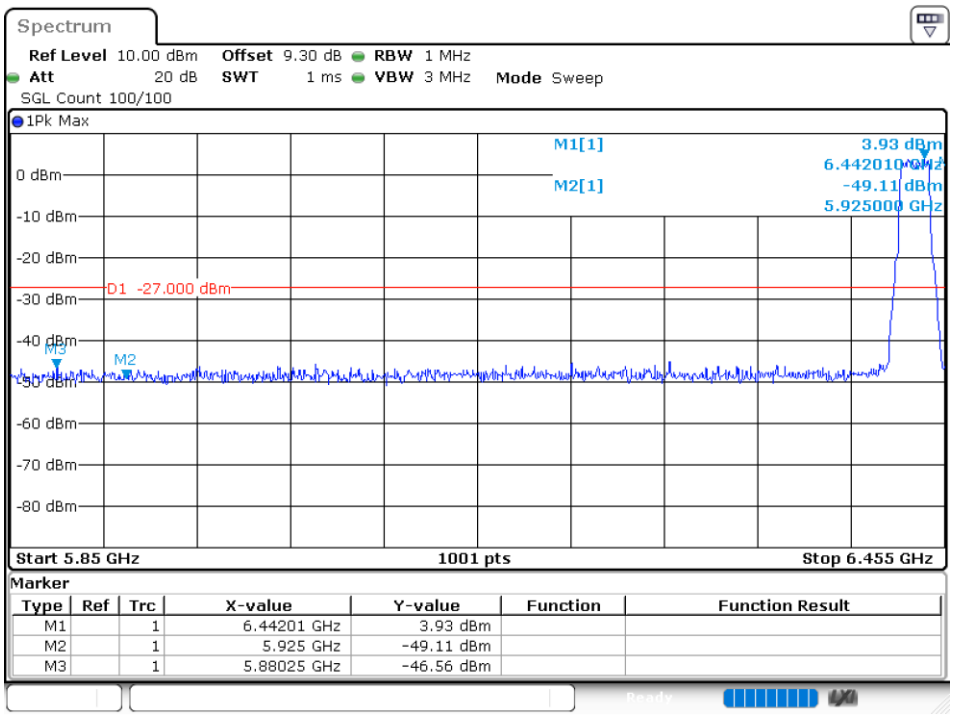
Band Edge NVNT ax160 6505MHz Low Ant2



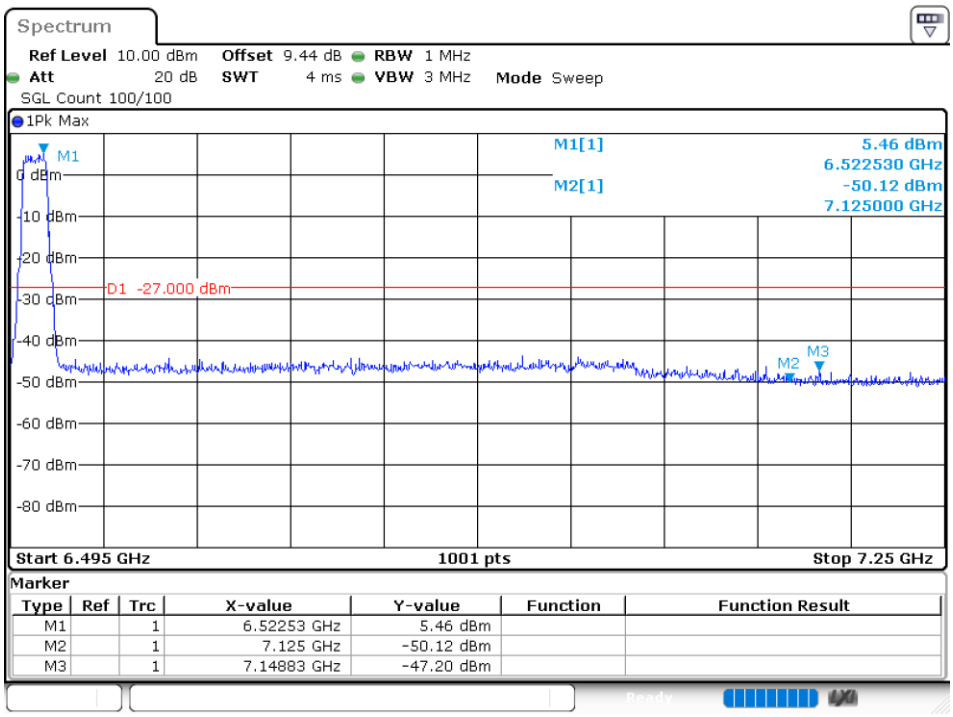
Band Edge NVNT ax20 6435MHz Low Ant1



Band Edge NVNT ax20 6435MHz Low Ant2



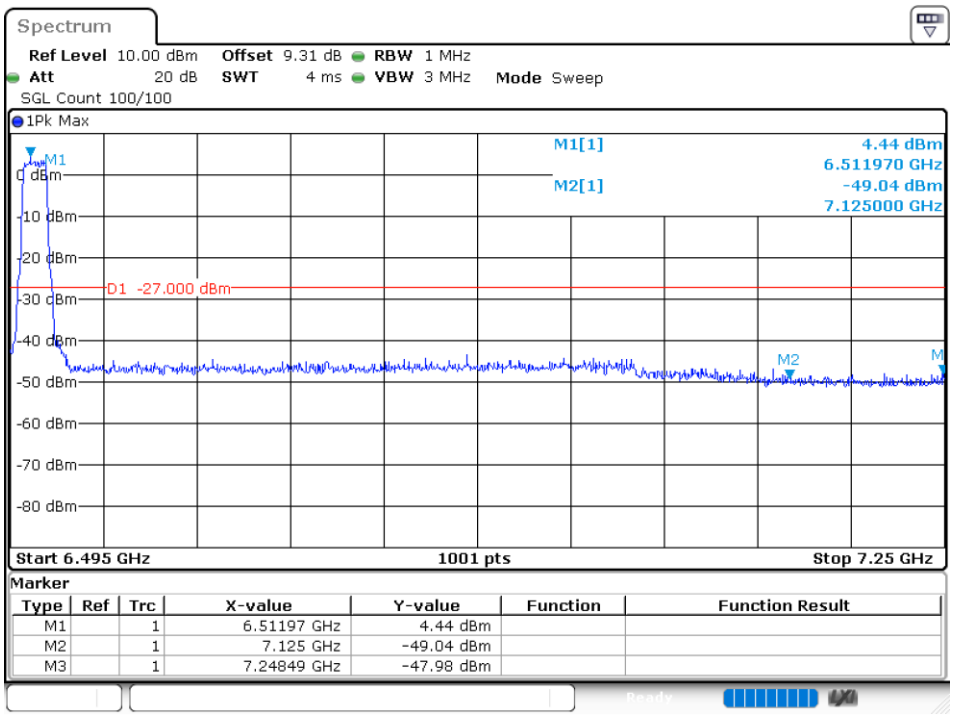
Band Edge NVNT ax20 6515MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.52253 GHz	5.46 dBm		
M2		1	7.125 GHz	-50.12 dBm		
M3		1	7.14883 GHz	-47.20 dBm		

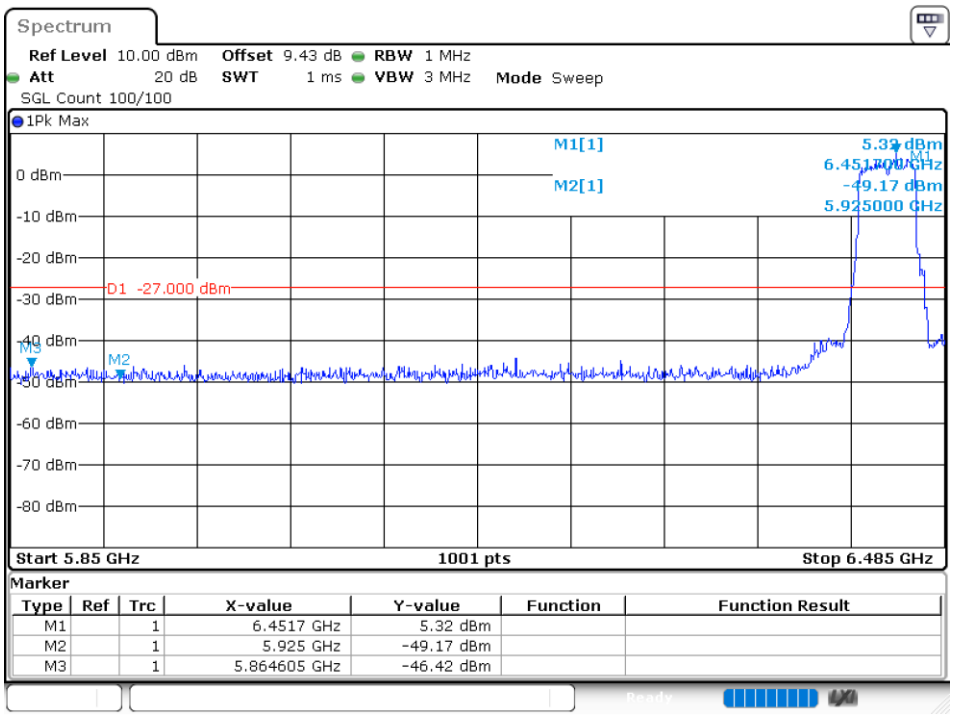
Band Edge NVNT ax20 6515MHz High Ant2



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.51197 GHz	4.44 dBm		
M2		1	7.125 GHz	-49.04 dBm		
M3		1	7.24849 GHz	-47.98 dBm		

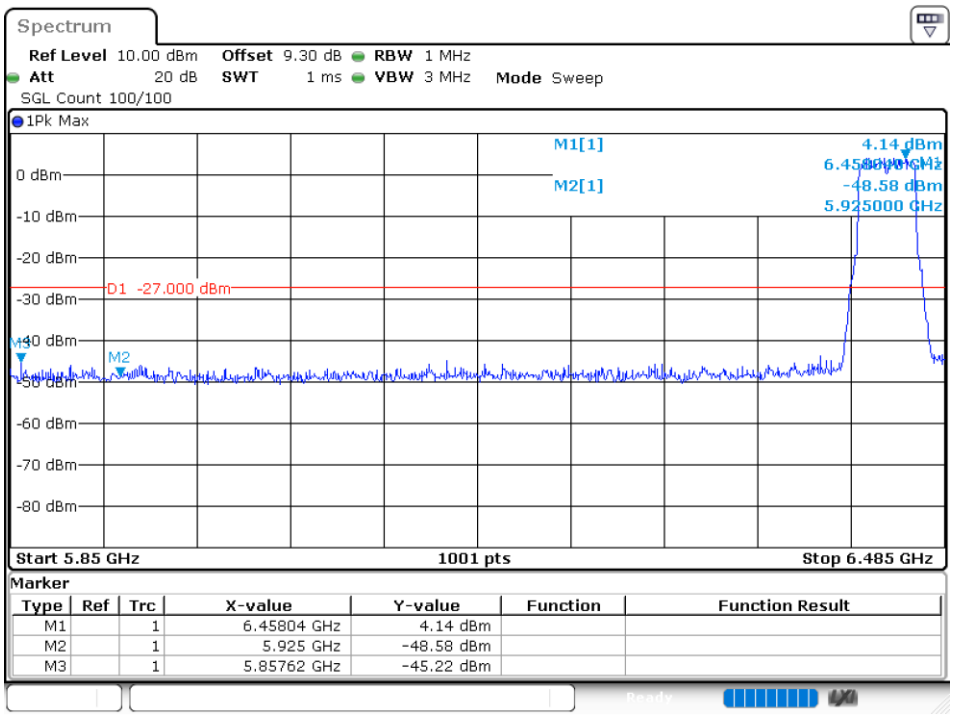
Band Edge NVNT ax40 6445MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.4517 GHz	5.32 dBm		
M2		1	5.925 GHz	-49.17 dBm		
M3		1	5.864605 GHz	-46.42 dBm		

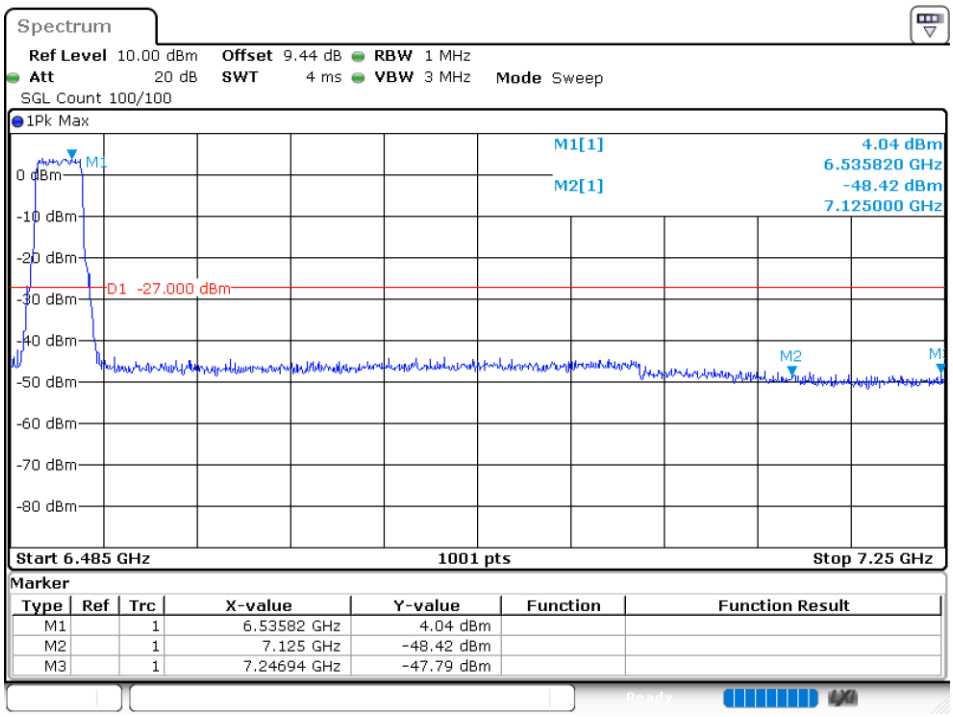
Band Edge NVNT ax40 6445MHz Low Ant2



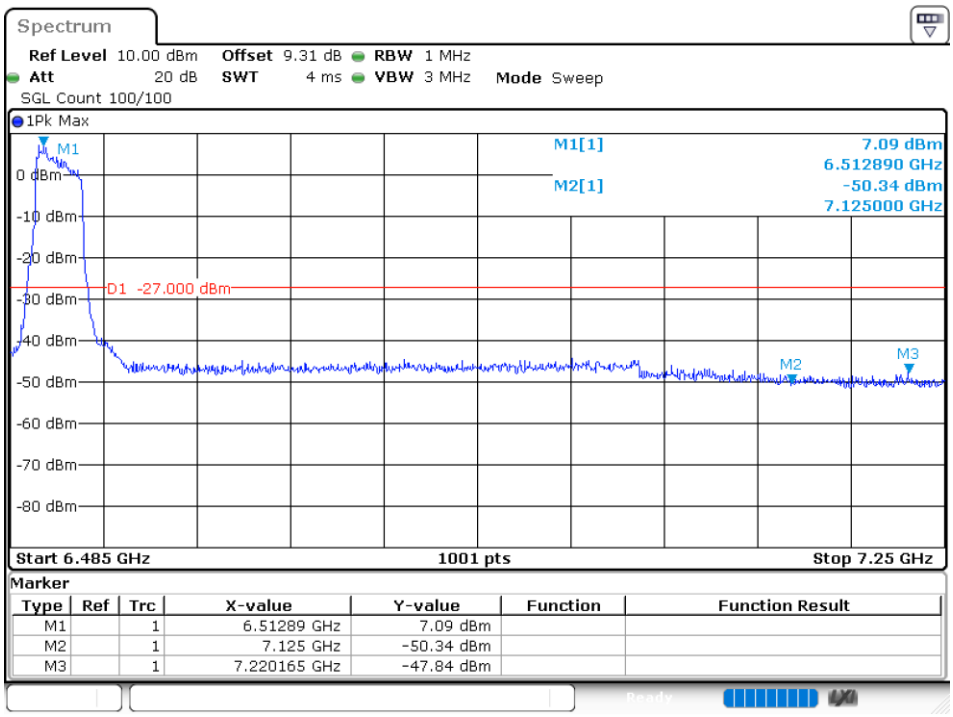
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.45804 GHz	4.14 dBm		
M2		1	5.925 GHz	-48.58 dBm		
M3		1	5.85762 GHz	-45.22 dBm		

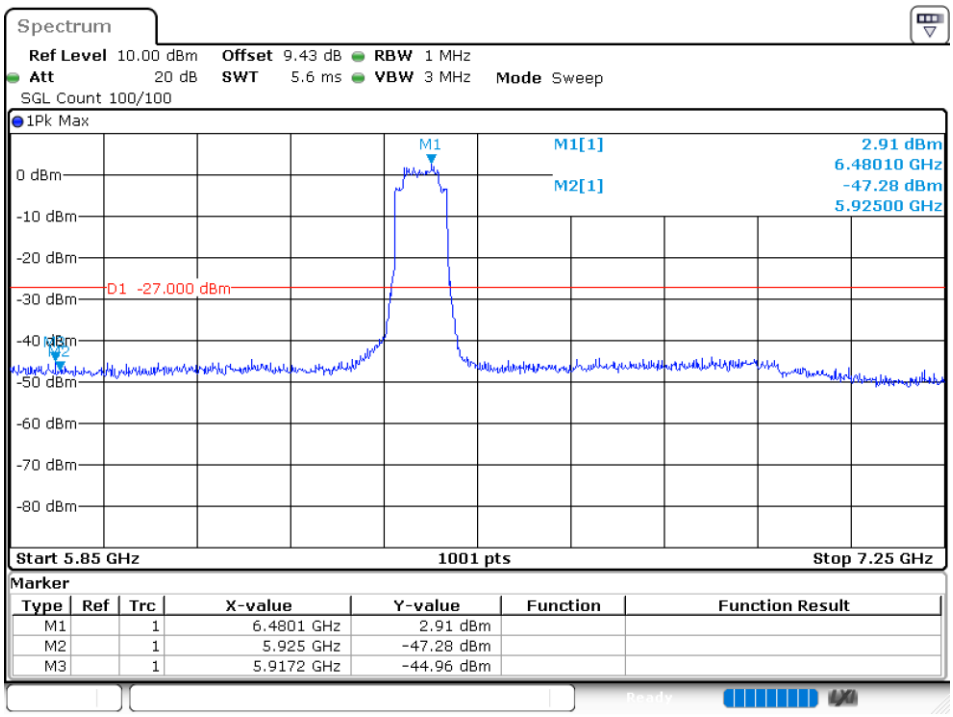
Band Edge NVNT ax40 6525MHz High Ant1



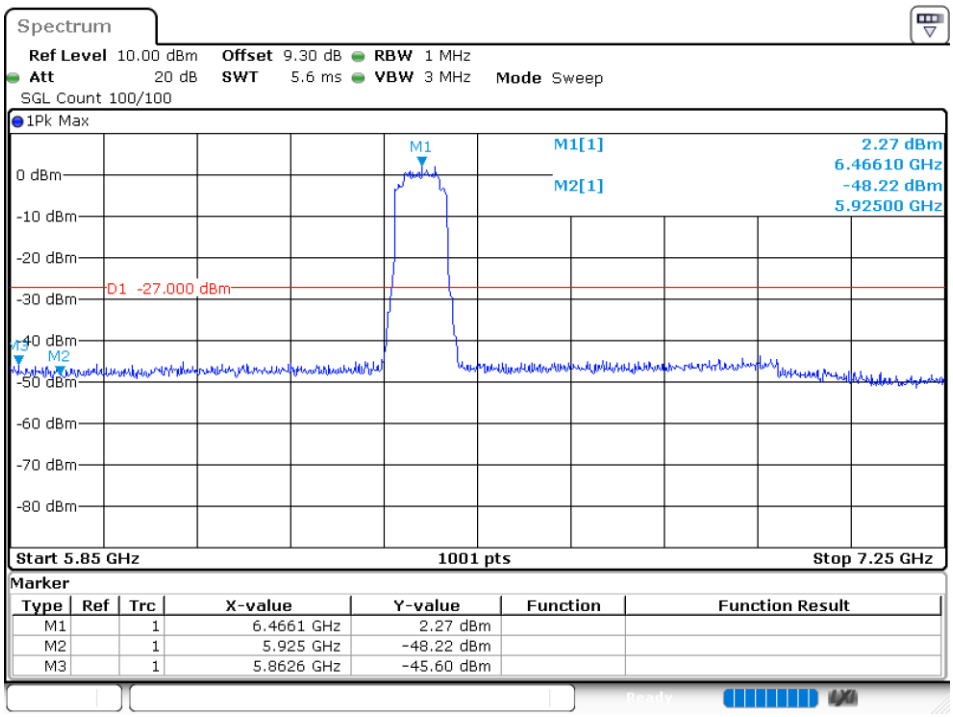
Band Edge NVNT ax40 6525MHz High Ant2



Band Edge NVNT ax80 6465MHz Low Ant1



Band Edge NVNT ax80 6465MHz Low Ant2

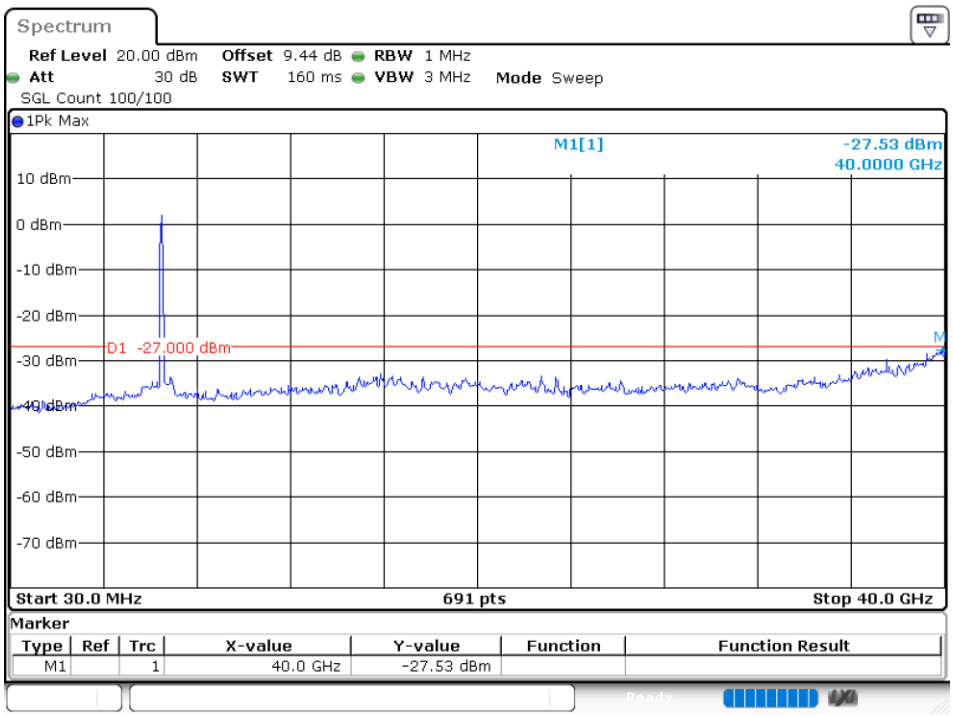


Conducted RF Spurious Emission

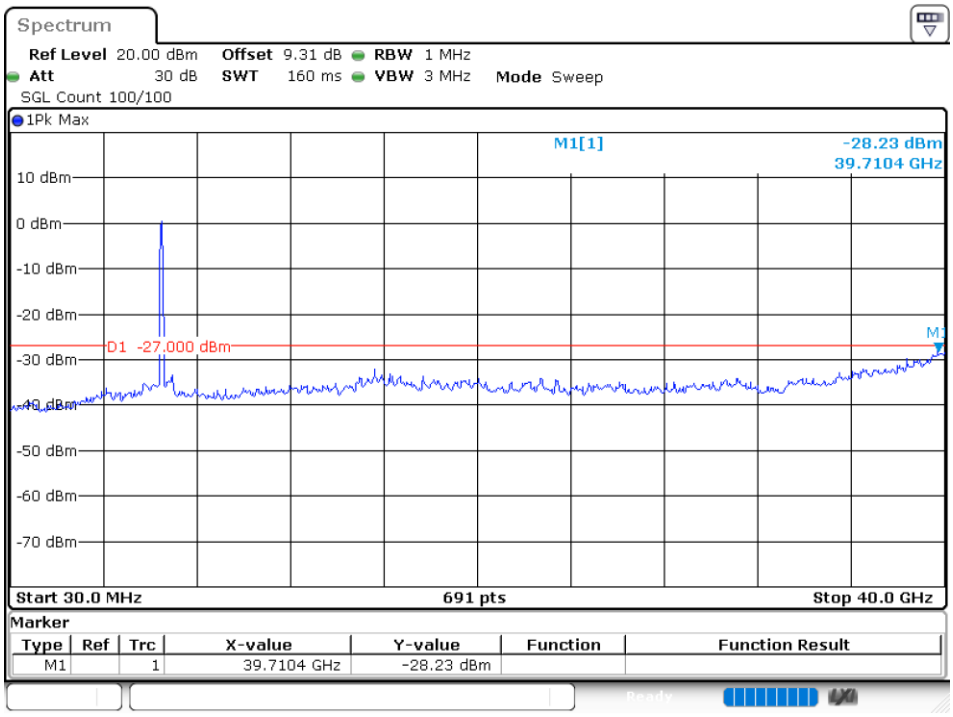
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6505	Ant1	-27.52	-27	Pass
NVNT	ax160	6505	Ant2	-28.23	-27	Pass
NVNT	ax20	6435	Ant1	-38.6	-27	Pass
NVNT	ax20	6435	Ant2	-37.45	-27	Pass
NVNT	ax20	6475	Ant1	-38.02	-27	Pass
NVNT	ax20	6475	Ant2	-38.6	-27	Pass
NVNT	ax20	6515	Ant1	-38.54	-27	Pass
NVNT	ax20	6515	Ant2	-39.03	-27	Pass
NVNT	ax40	6445	Ant1	-27.03	-27	Pass
NVNT	ax40	6445	Ant2	-27.39	-27	Pass
NVNT	ax40	6485	Ant1	-28.56	-27	Pass
NVNT	ax40	6485	Ant2	-29.33	-27	Pass
NVNT	ax40	6525	Ant1	-38.24	-27	Pass
NVNT	ax40	6525	Ant2	-38.29	-27	Pass
NVNT	ax80	6465	Ant1	-38.42	-27	Pass
NVNT	ax80	6465	Ant2	-38.39	-27	Pass

Test Graphs

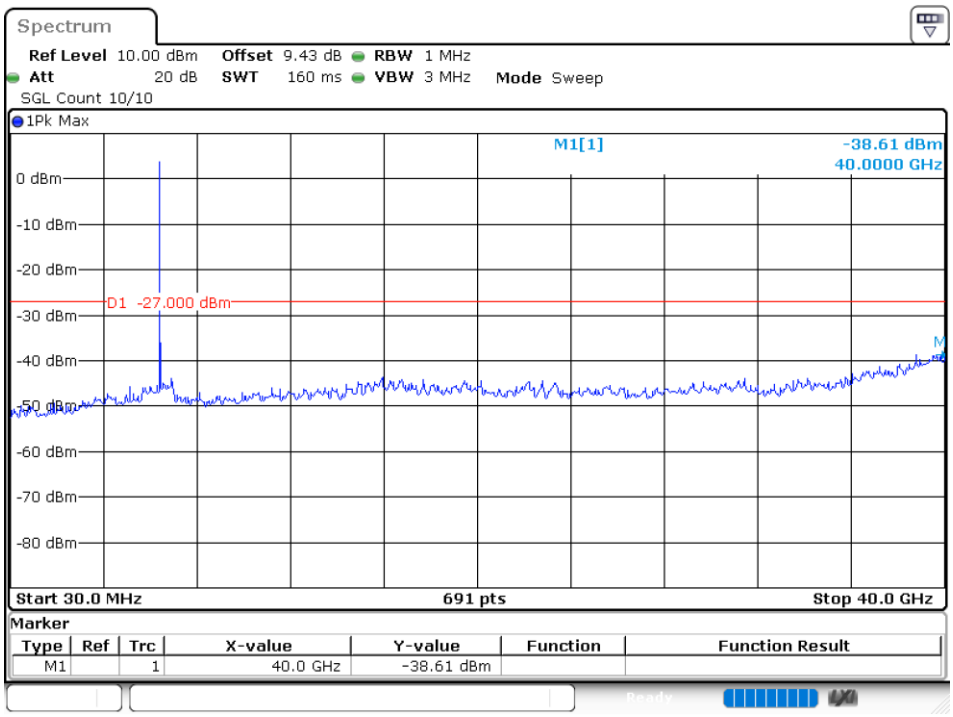
Tx. Spurious NVNT ax160 6505MHz Ant1 Emission



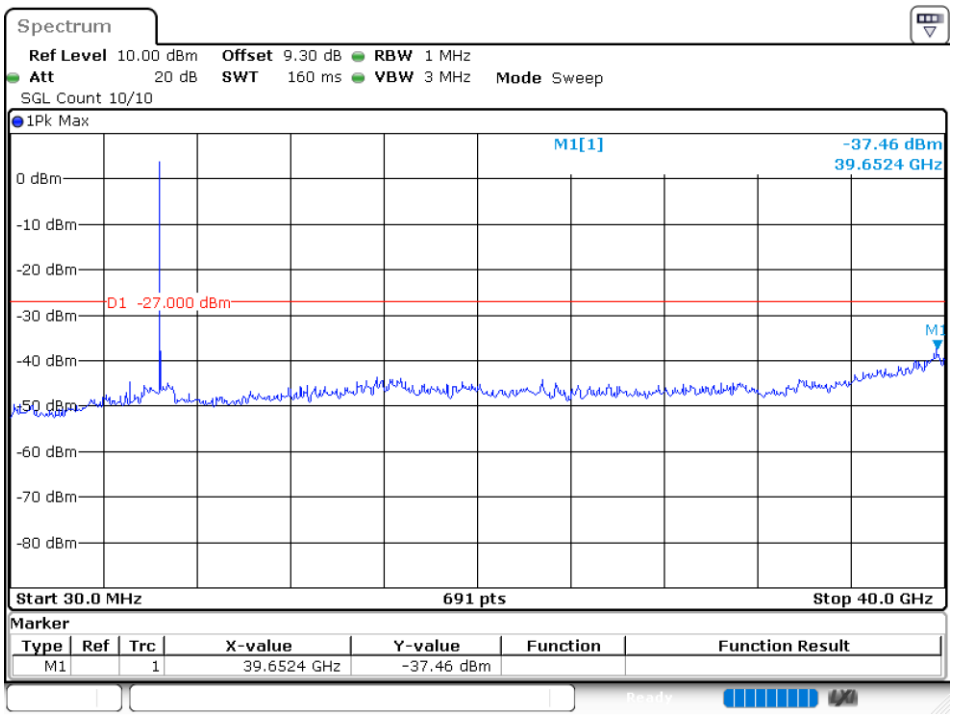
Tx. Spurious NVNT ax160 6505MHz Ant2 Emission



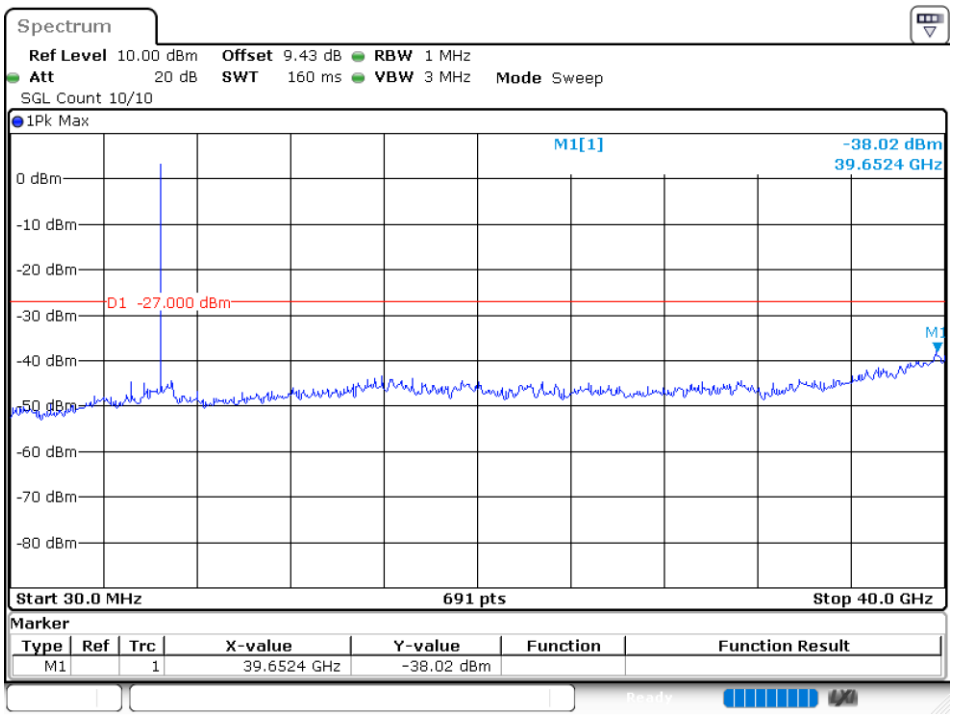
Tx. Spurious NVNT ax20 6435MHz Ant1 Emission



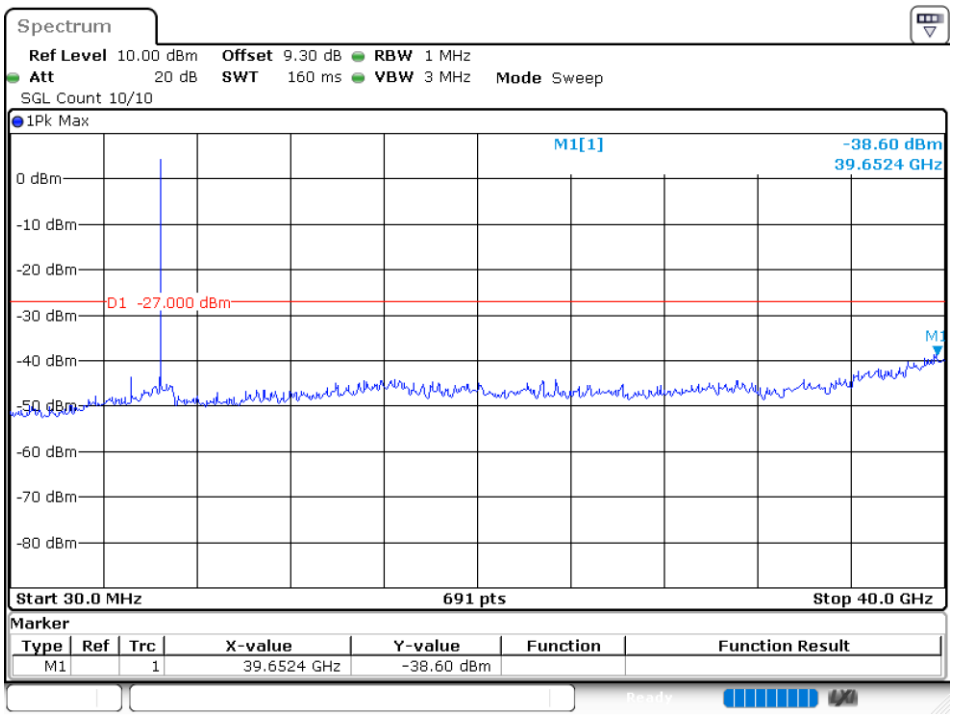
Tx. Spurious NVNT ax20 6435MHz Ant2 Emission



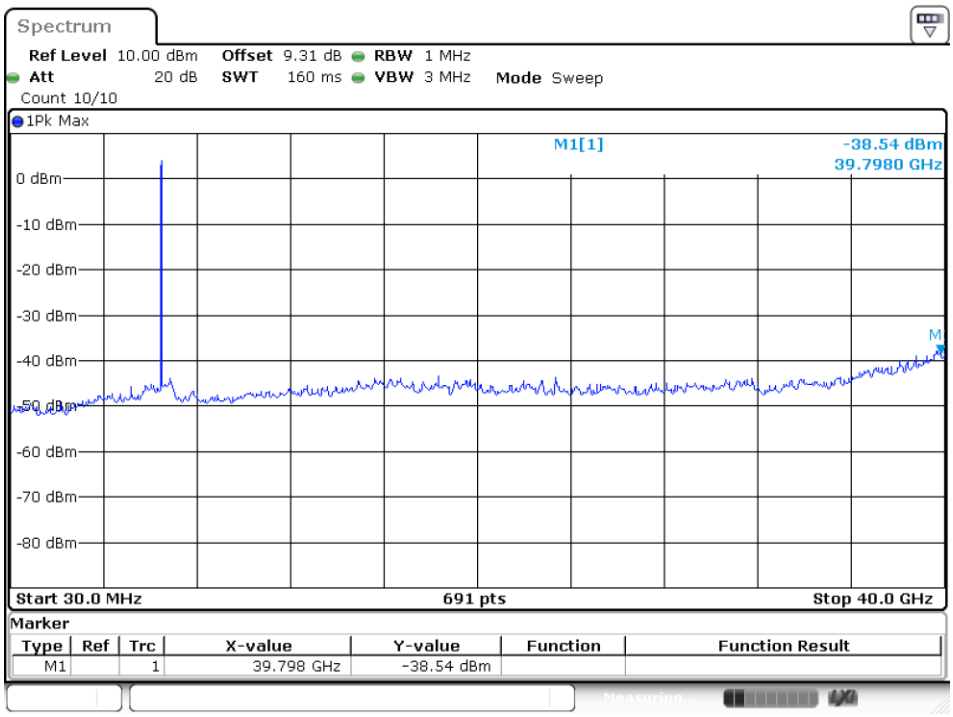
Tx. Spurious NVNT ax20 6475MHz Ant1 Emission



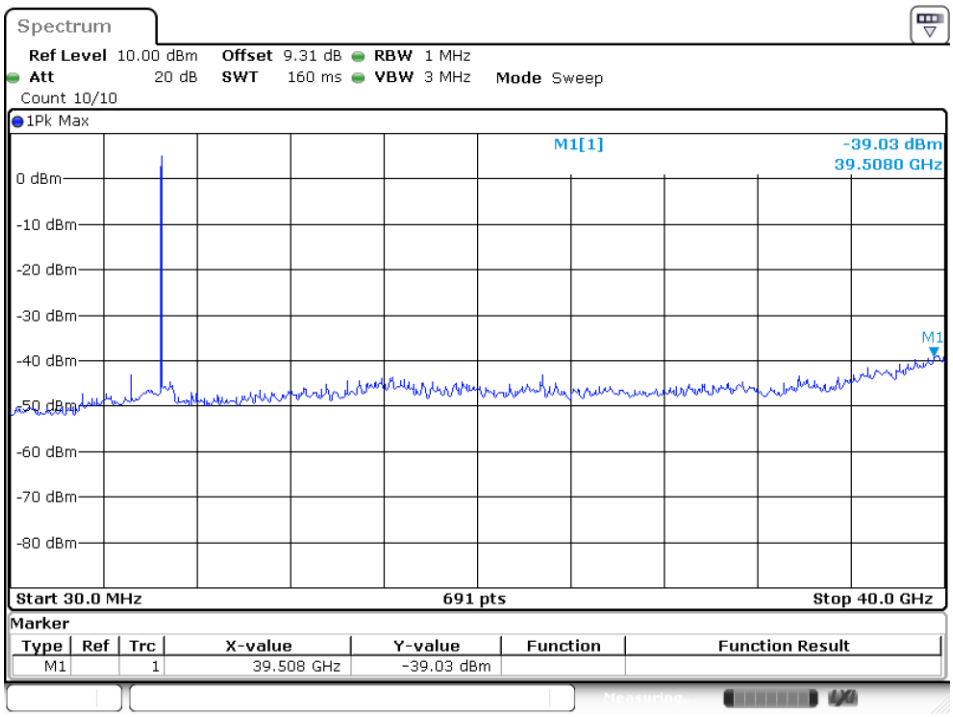
Tx. Spurious NVNT ax20 6475MHz Ant2 Emission



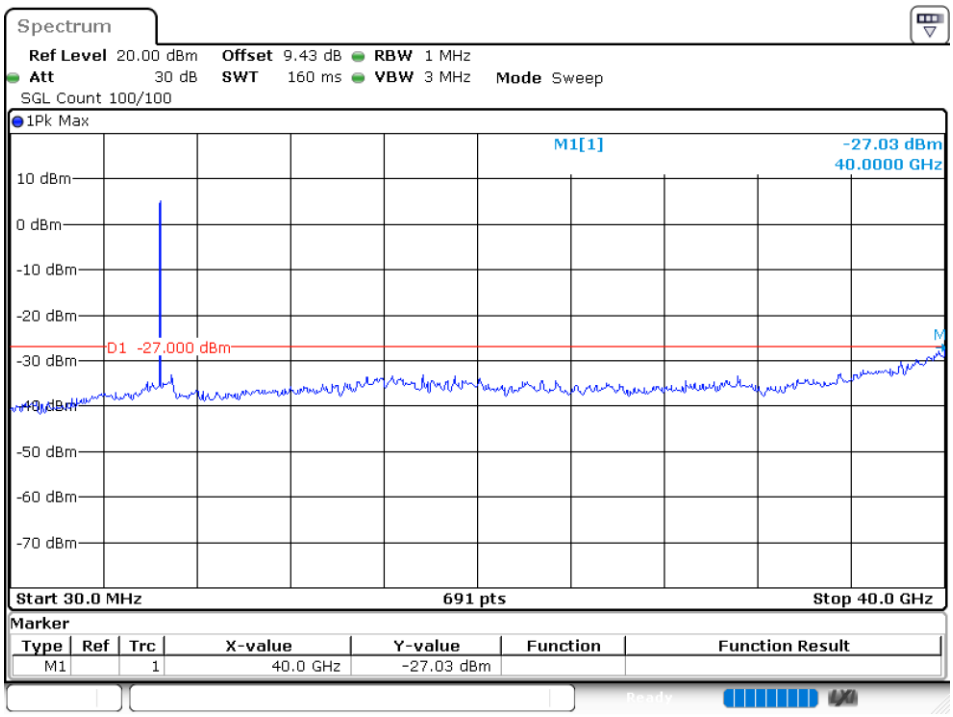
Tx. Spurious NVNT ax20 6515MHz Ant1 Emission



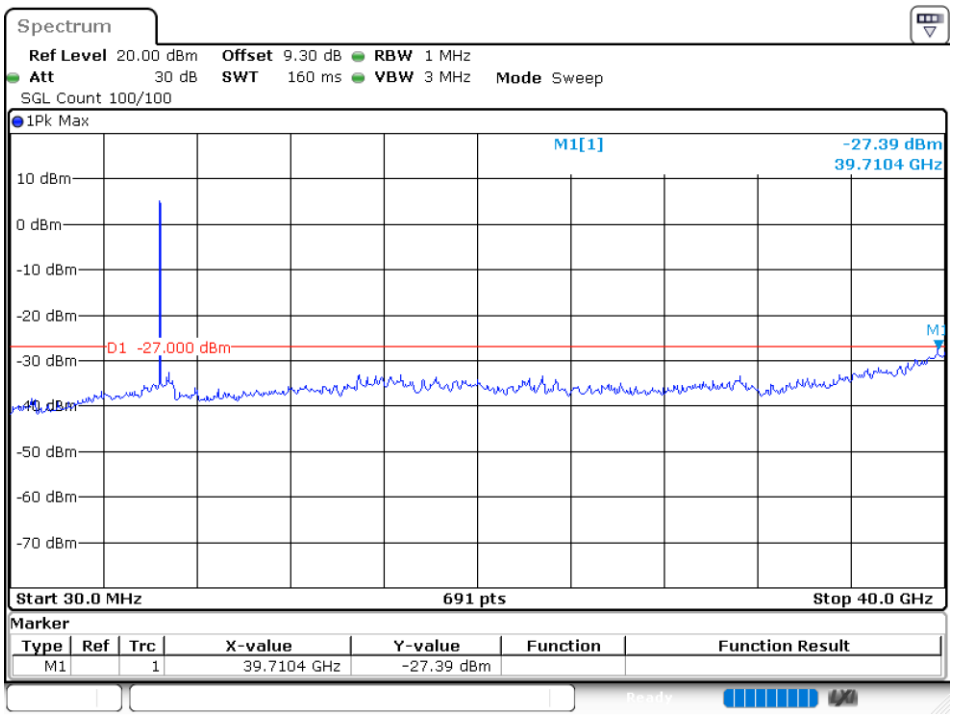
Tx. Spurious NVNT ax20 6515MHz Ant2 Emission



Tx. Spurious NVNT ax40 6445MHz Ant1 Emission



Tx. Spurious NVNT ax40 6445MHz Ant2 Emission



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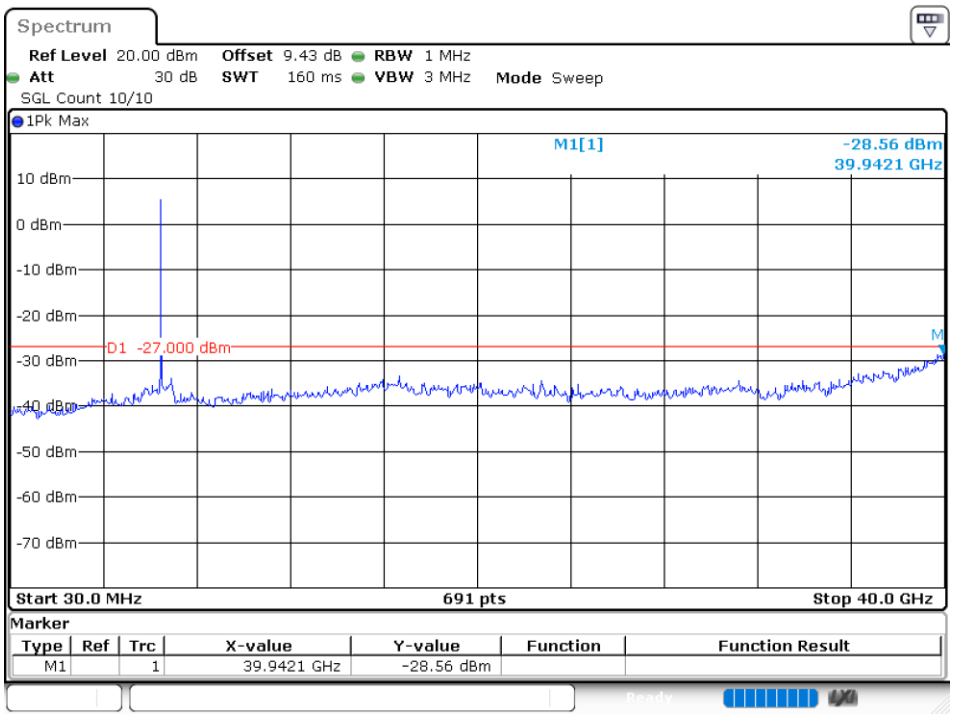
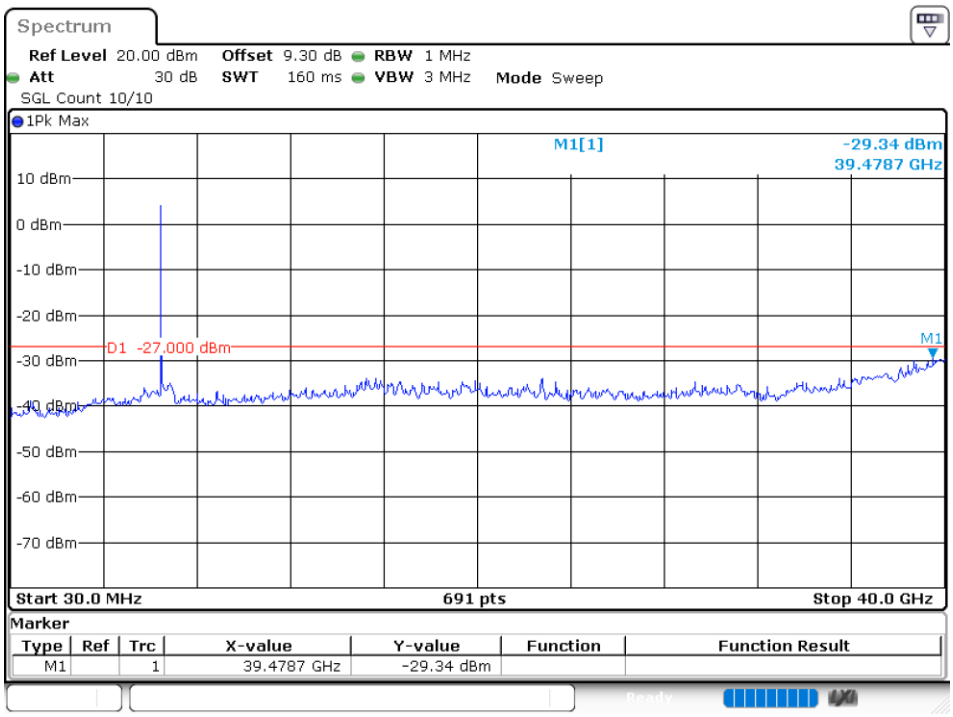
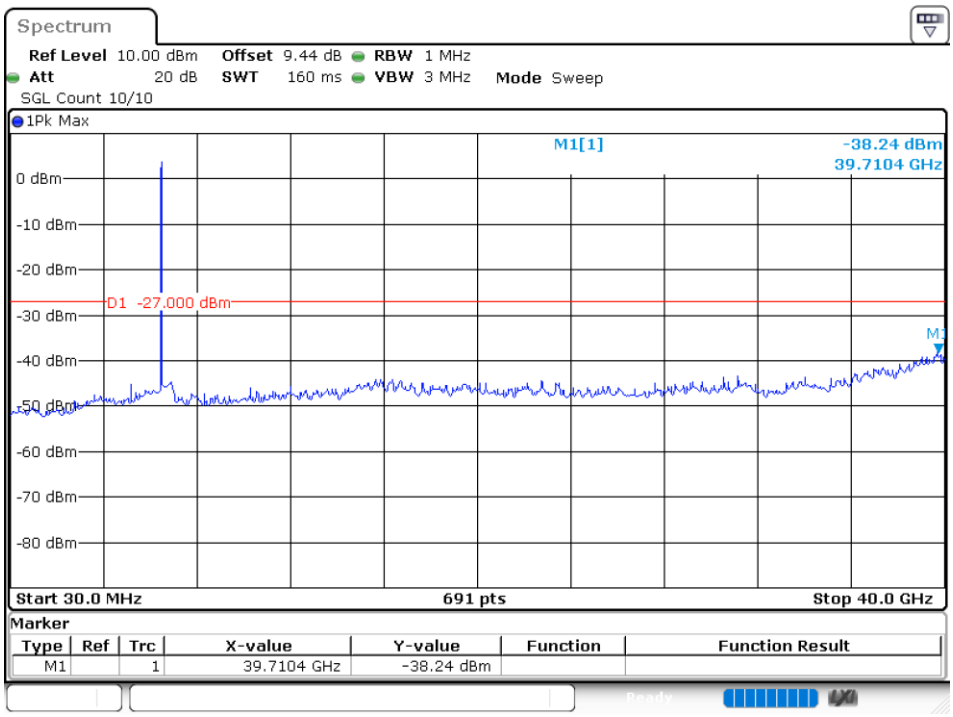


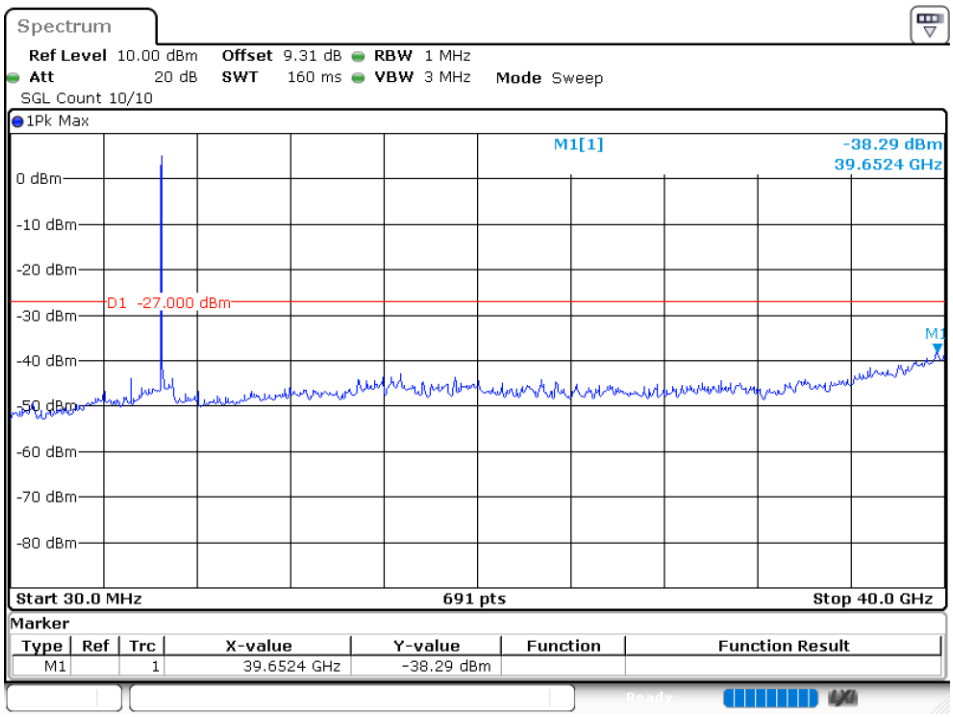
Tx. Spurious NVNT ax40 6485MHz Ant2 Emission



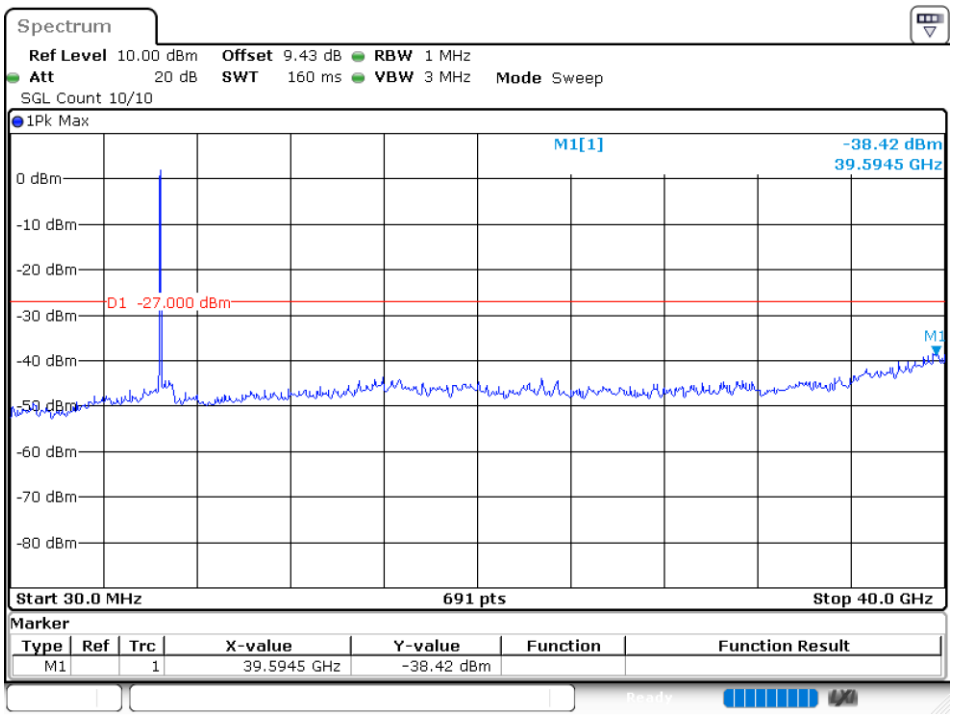
Tx. Spurious NVNT ax40 6525MHz Ant1 Emission



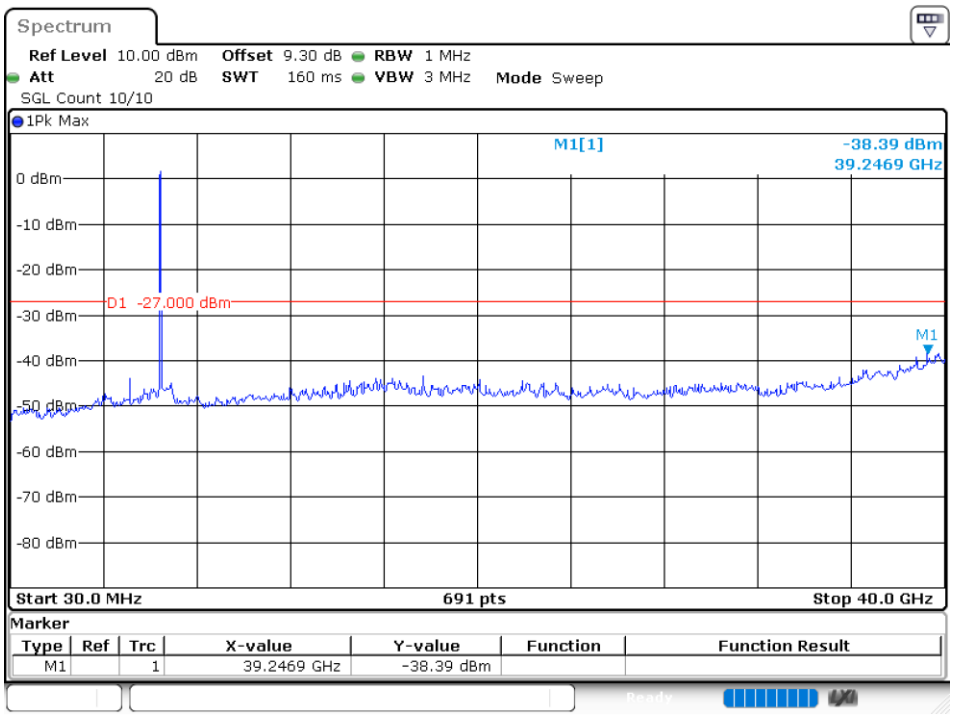
Tx. Spurious NVNT ax40 6525MHz Ant2 Emission



Tx. Spurious NVNT ax80 6465MHz Ant1 Emission



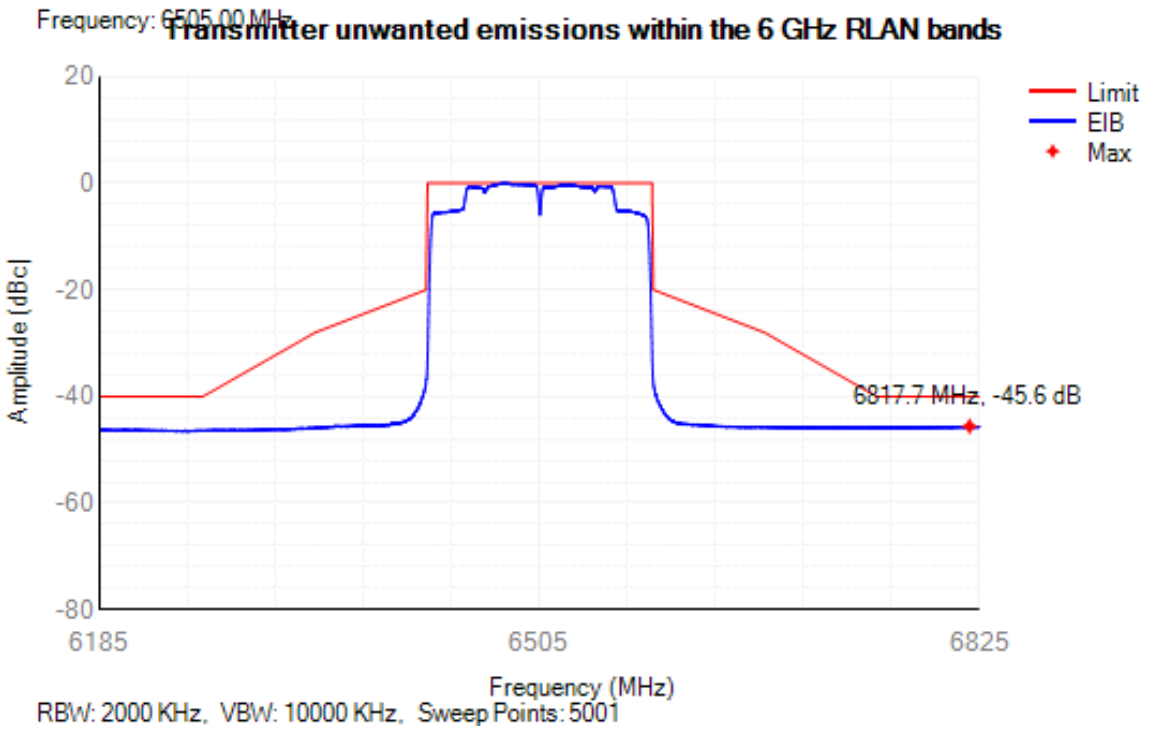
Tx. Spurious NVNT ax80 6465MHz Ant2 Emission



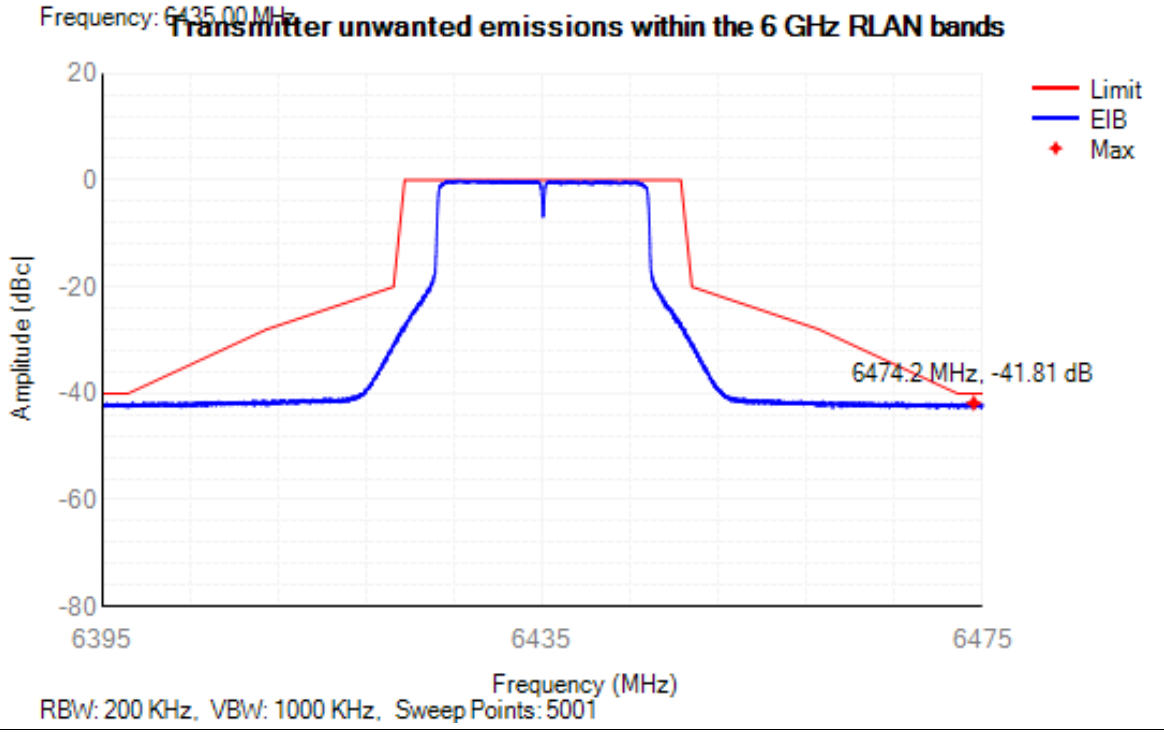
Power spectral mask

Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6505	Sum	Band1	6817.7	-45.6	-40	Pass
NVNT	ax20	6435	Sum	Band1	6474.2	-41.81	-40	Pass
NVNT	ax20	6475	Sum	Band1	6437.43	-50.25	-40	Pass
NVNT	ax20	6515	Sum	Band1	6552.71	-41.68	-40	Pass
NVNT	ax40	6445	Sum	Band1	6374.28	-41.6	-40	Pass
NVNT	ax40	6485	Sum	Band1	6461.61	-26.37	-20.02	Pass
NVNT	ax40	6525	Sum	Band1	6600.78	-41.04	-40	Pass
NVNT	ax80	6465	Sum	Band1	6621.8	-48.04	-40	Pass

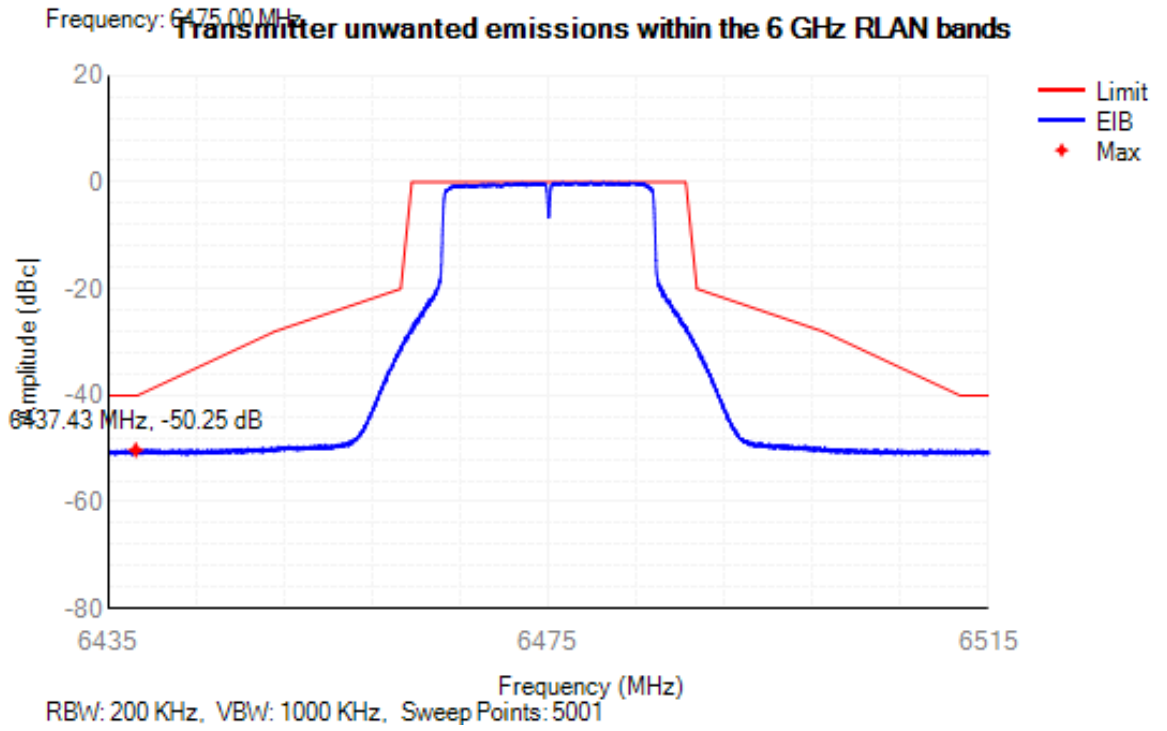
Test Graphs
Power spectral mask NVNT ax160 6505MHz



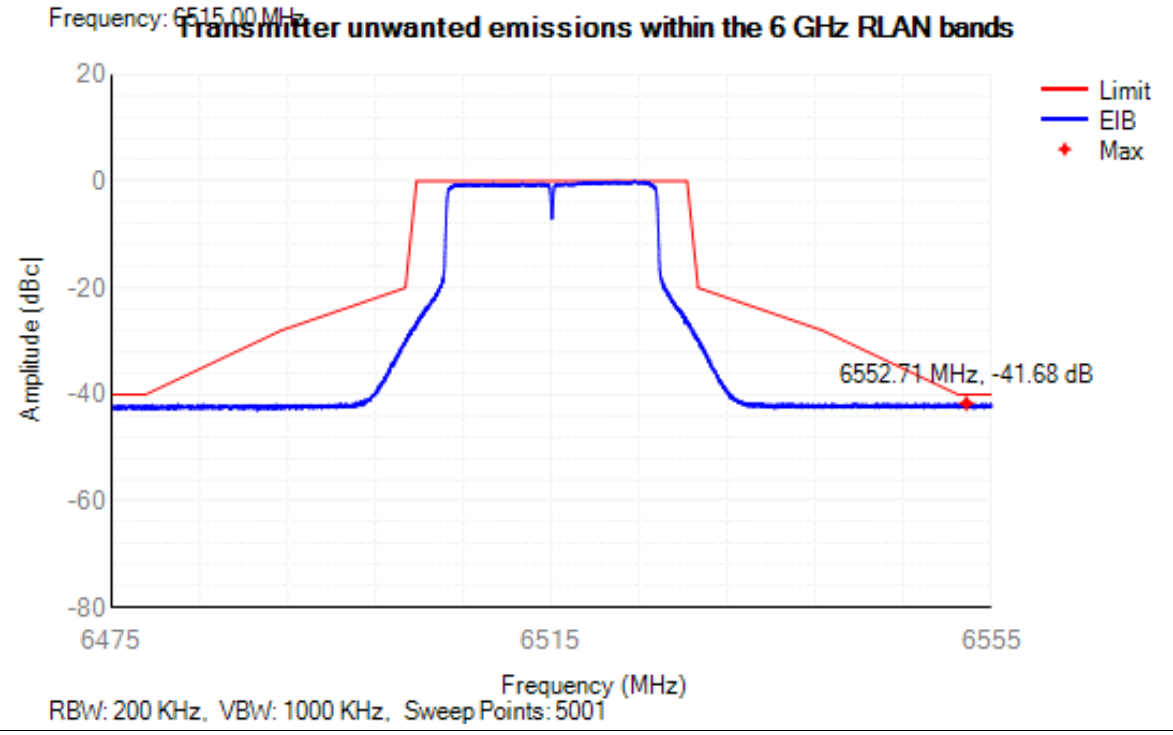
Power spectral mask NVNT ax20 6435MHz



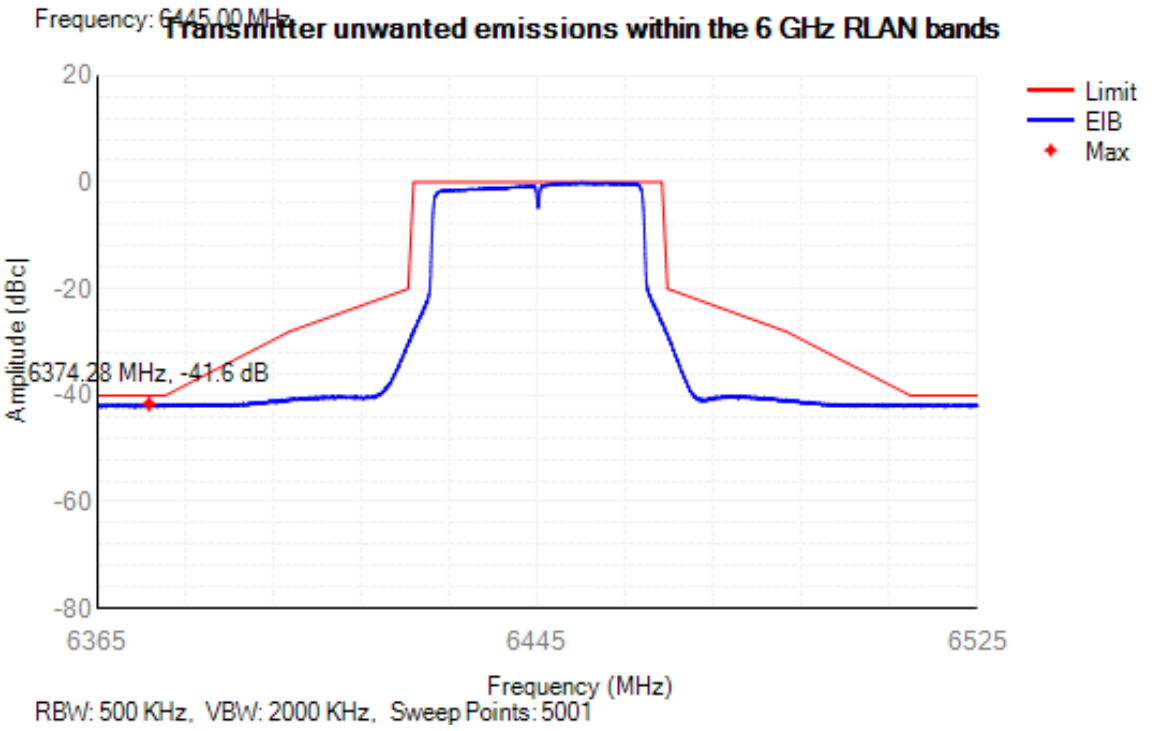
Power spectral mask NVNT ax20 6475MHz



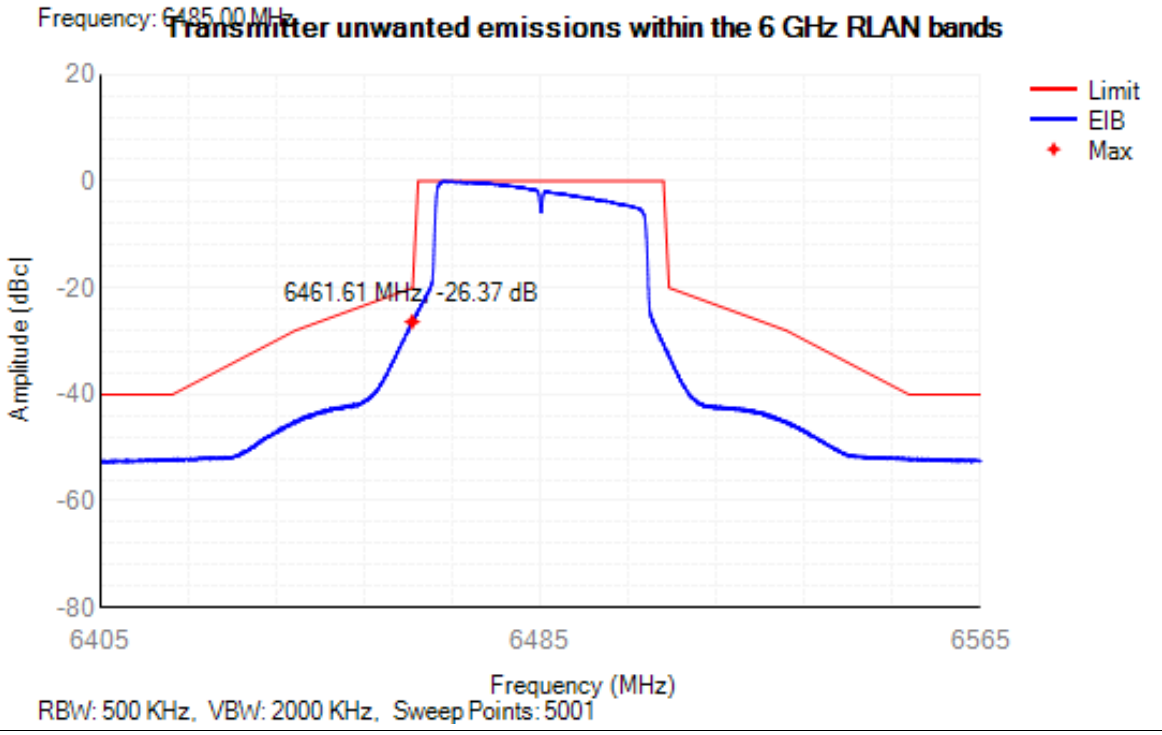
Power spectral mask NVNT ax20 6515MHz



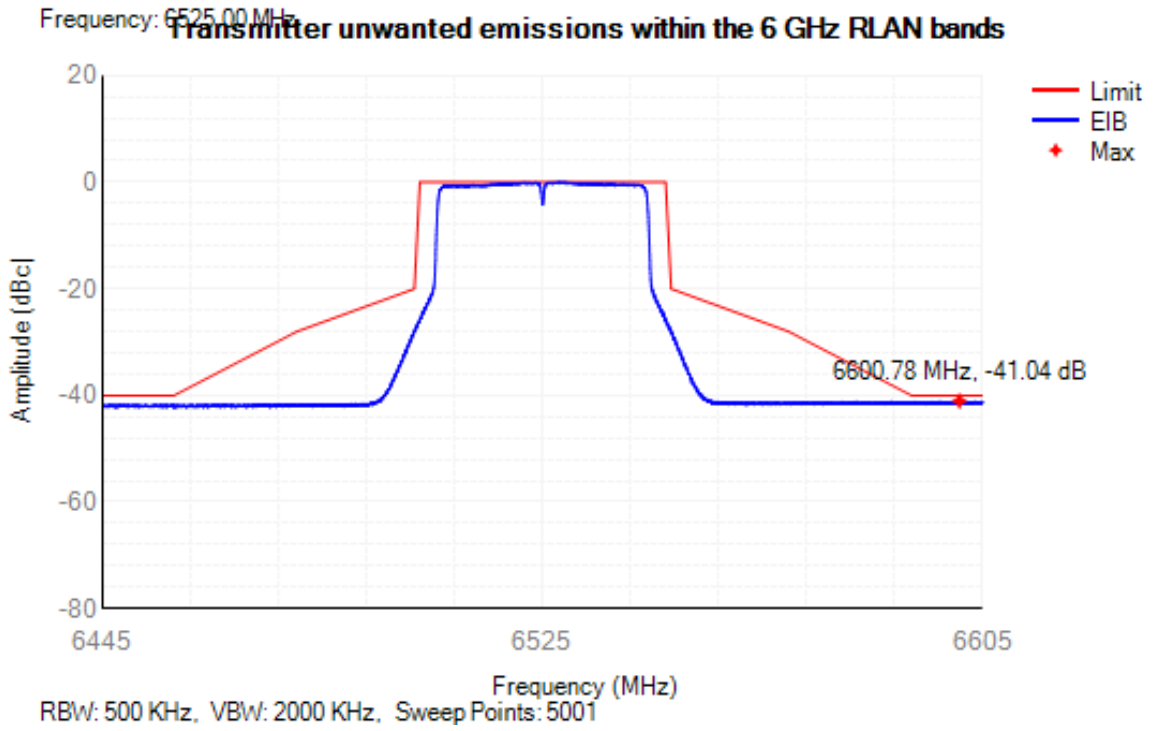
Power spectral mask NVNT ax40 6445MHz



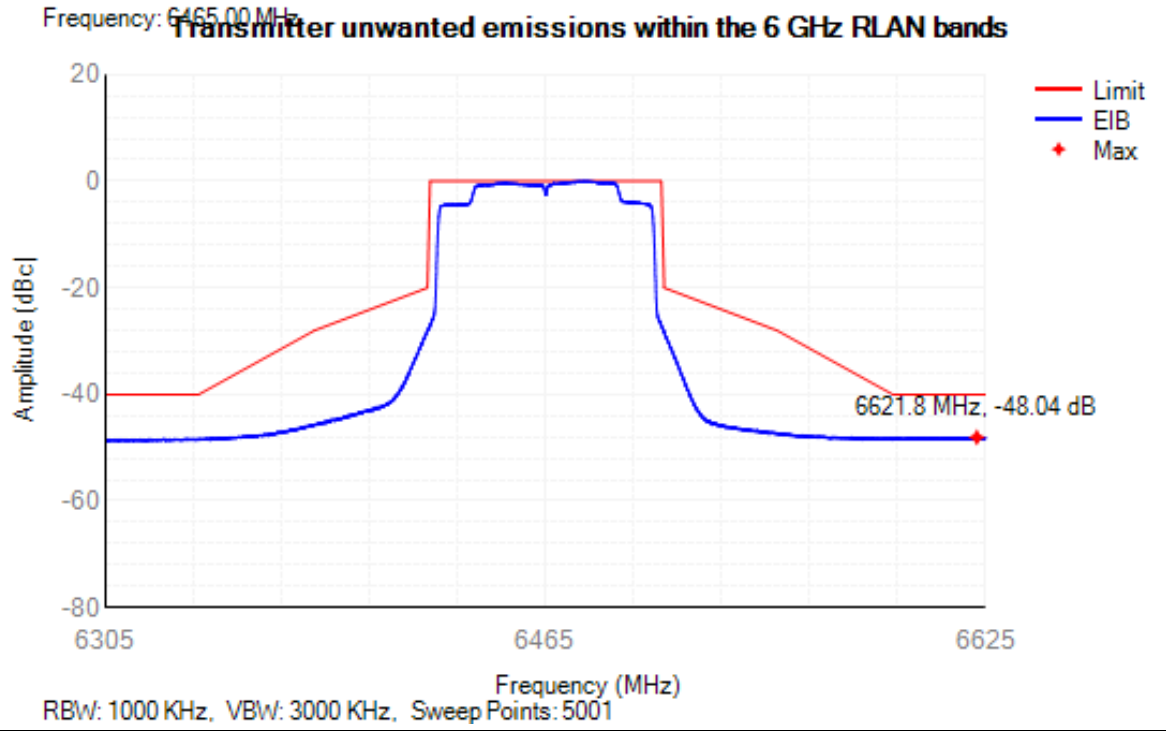
Power spectral mask NVNT ax40 6485MHz



Power spectral mask NVNT ax40 6525MHz



Power spectral mask NVNT ax80 6465MHz

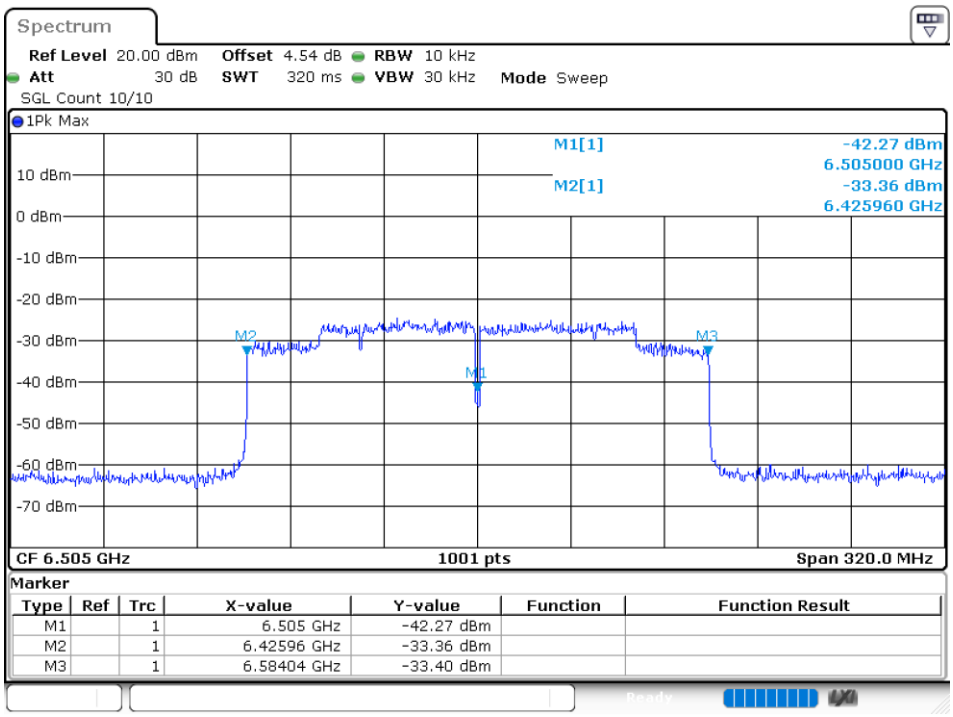


Frequency Stability

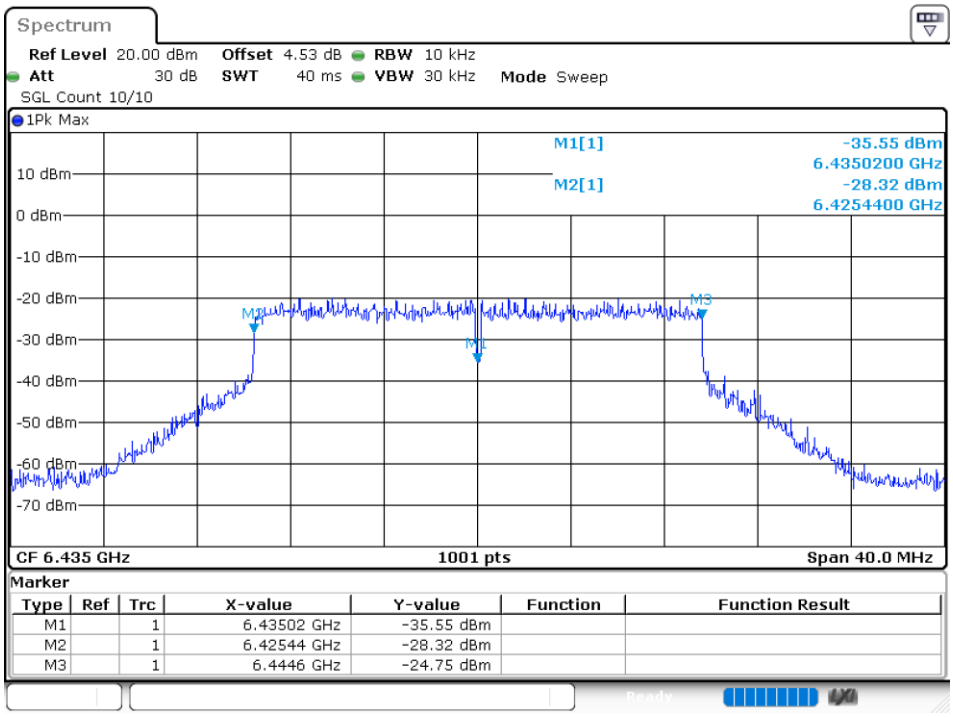
Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6505	Ant1	6505	0	0	25	Pass
NVNT	ax20	0	6435	Ant1	6435.02	20000	3.11	25	Pass
NVNT	ax20	0	6475	Ant1	6474.98	-20000	-3.09	25	Pass
NVNT	ax20	0	6515	Ant1	6515.02	20000	3.07	25	Pass
NVNT	ax40	0	6445	Ant1	6445.08	80000	12.41	25	Pass
NVNT	ax40	0	6485	Ant1	6484.92	-80000	-12.34	25	Pass
NVNT	ax40	0	6525	Ant1	6525	0	0	25	Pass
NVNT	ax80	0	6465	Ant1	6465.08	80000	12.37	25	Pass

Test Graphs

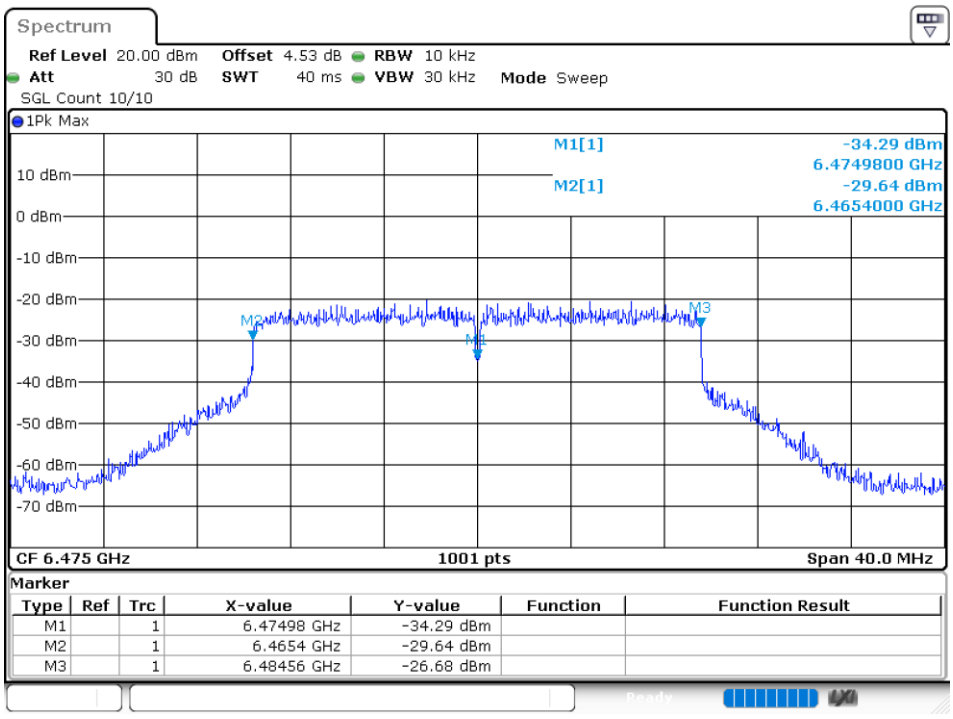
Freq. Stability NVNT ax160 6505MHz Ant1 0 Minutes



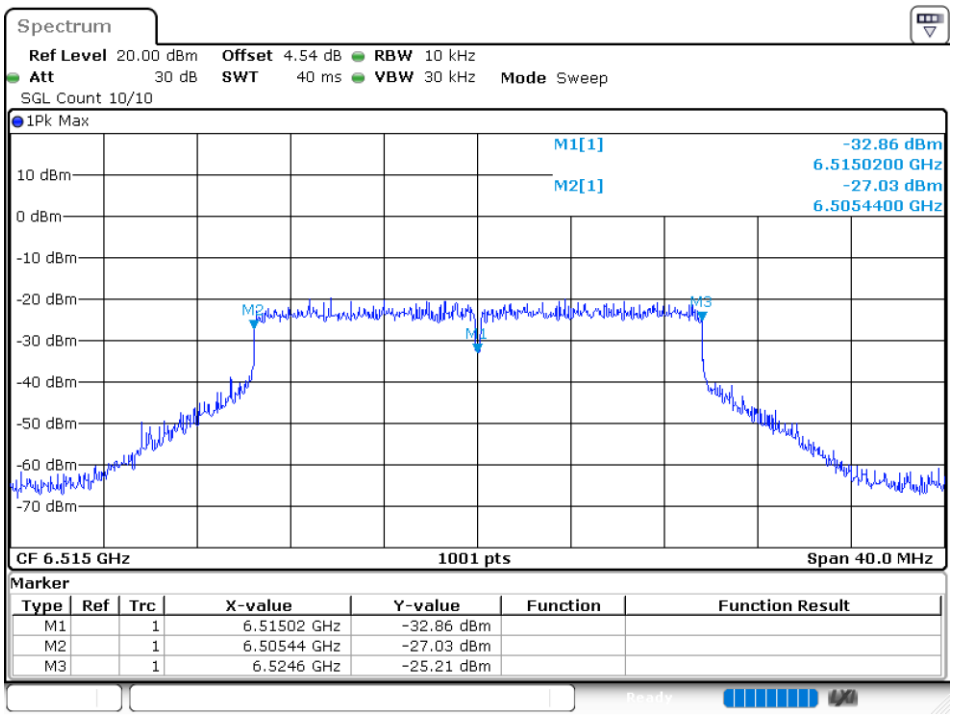
Freq. Stability NVNT ax20 6435MHz Ant1 0 Minutes



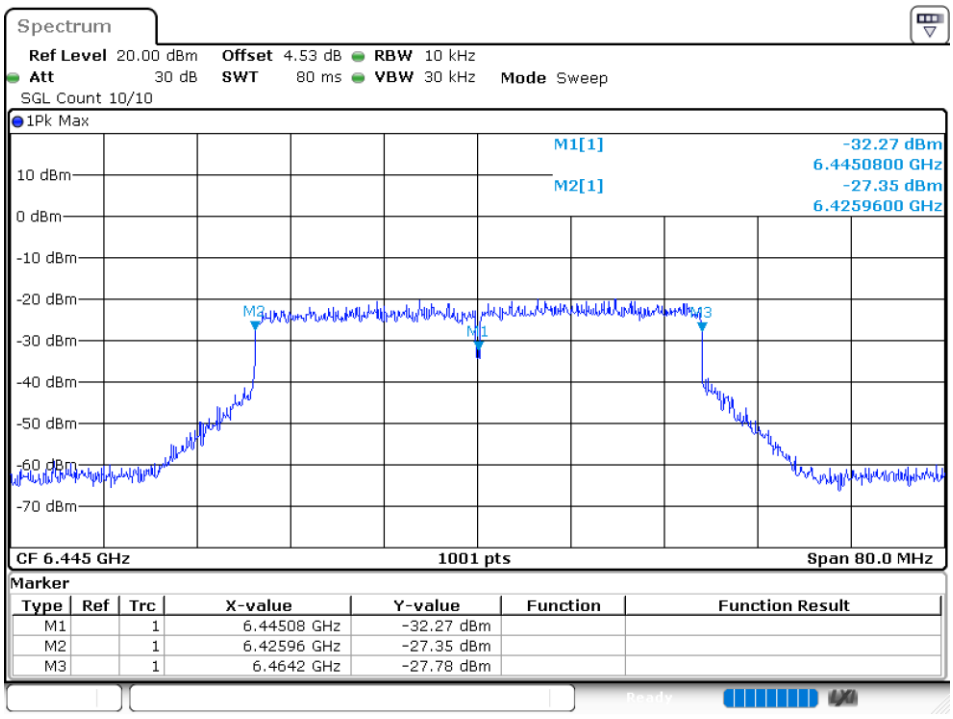
Freq. Stability NVNT ax20 6475MHz Ant1 0 Minutes



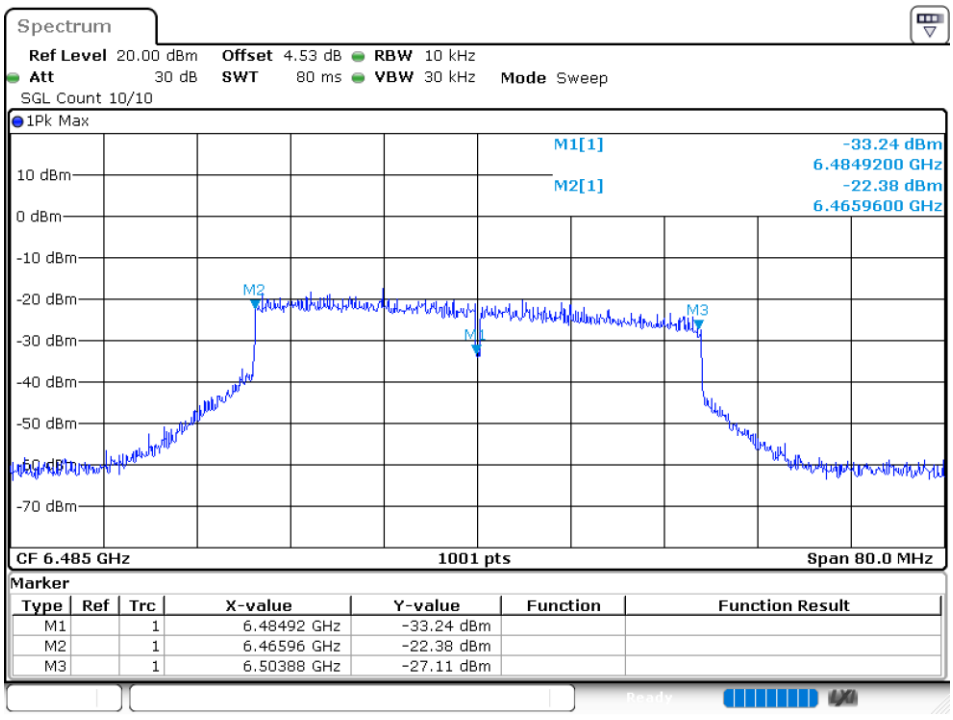
Freq. Stability NVNT ax20 6515MHz Ant1 0 Minutes



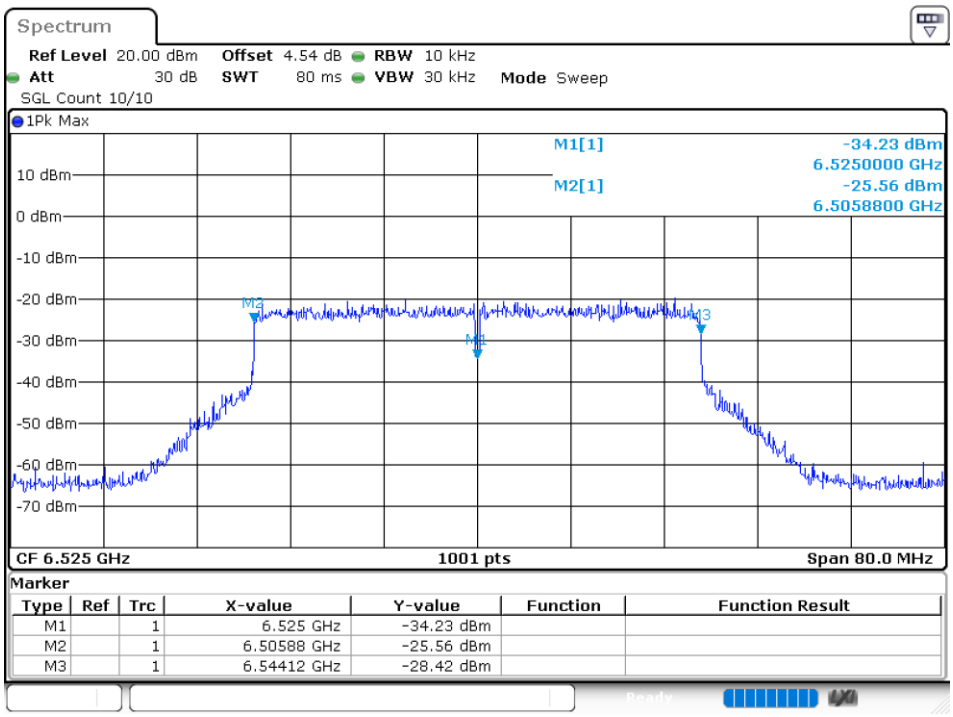
Freq. Stability NVNT ax40 6445MHz Ant1 0 Minutes



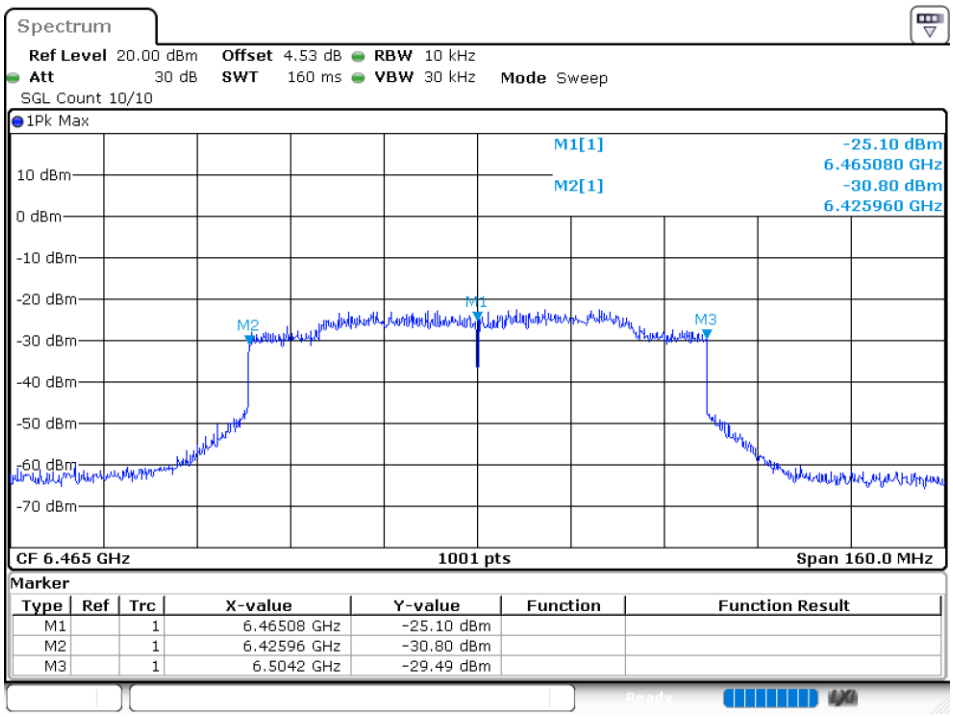
Freq. Stability NVNT ax40 6485MHz Ant1 0 Minutes



Freq. Stability NVNT ax40 6525MHz Ant1 0 Minutes



Freq. Stability NVNT ax80 6465MHz Ant1 0 Minutes

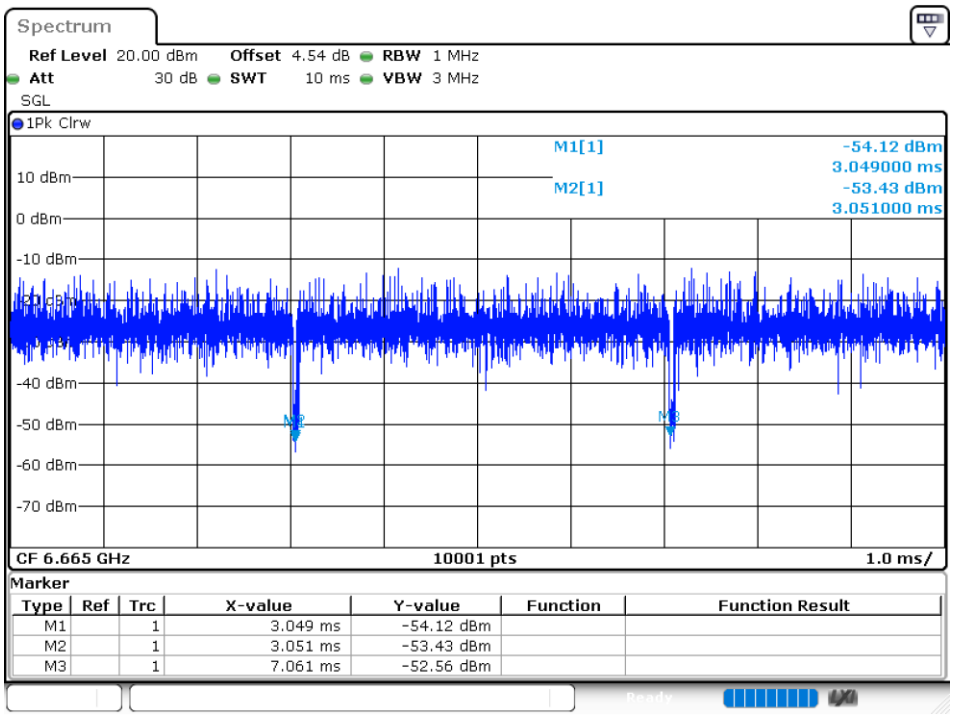


6.7G WIFI

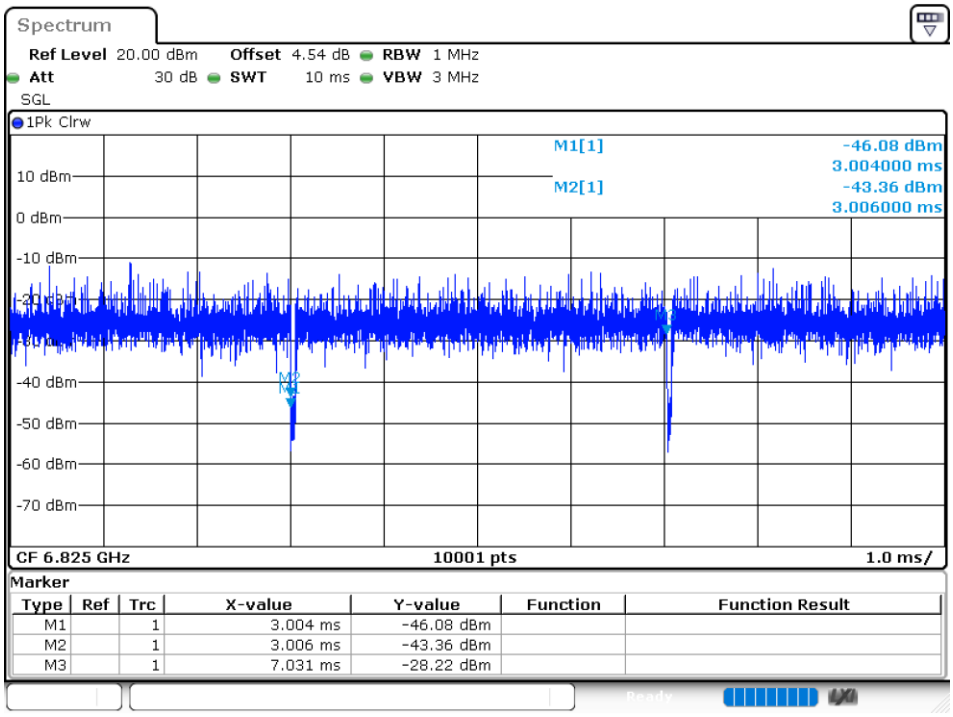
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6665	Ant1	99.95	0	0.25
NVNT	ax160	6825	Ant1	99.95	0	0.25
NVNT	ax160	6665	Ant2	99.95	0	0.25
NVNT	ax160	6825	Ant2	99.95	0	0.25
NVNT	ax20	6535	Ant1	98.83	0	0.25
NVNT	ax20	6695	Ant1	98.83	0	0.25
NVNT	ax20	6855	Ant1	94.27	0.26	1.27
NVNT	ax20	6535	Ant2	98.83	0	0.25
NVNT	ax20	6695	Ant2	98.81	0	0.25
NVNT	ax20	6855	Ant2	98.83	0	0.25
NVNT	ax40	6565	Ant1	98.86	0	0.25
NVNT	ax40	6685	Ant1	98.83	0	0.25
NVNT	ax40	6845	Ant1	98.86	0	0.25
NVNT	ax40	6565	Ant2	98.83	0	0.25
NVNT	ax40	6685	Ant2	98.83	0	0.25
NVNT	ax40	6845	Ant2	98.86	0	0.25
NVNT	ax80	6545	Ant1	99.95	0	0.25
NVNT	ax80	6625	Ant1	99.95	0	0.25
NVNT	ax80	6785	Ant1	99.95	0	0.25
NVNT	ax80	6545	Ant2	99.98	0	0.12
NVNT	ax80	6625	Ant2	99.98	0	0.12
NVNT	ax80	6785	Ant2	99.95	0	0.25

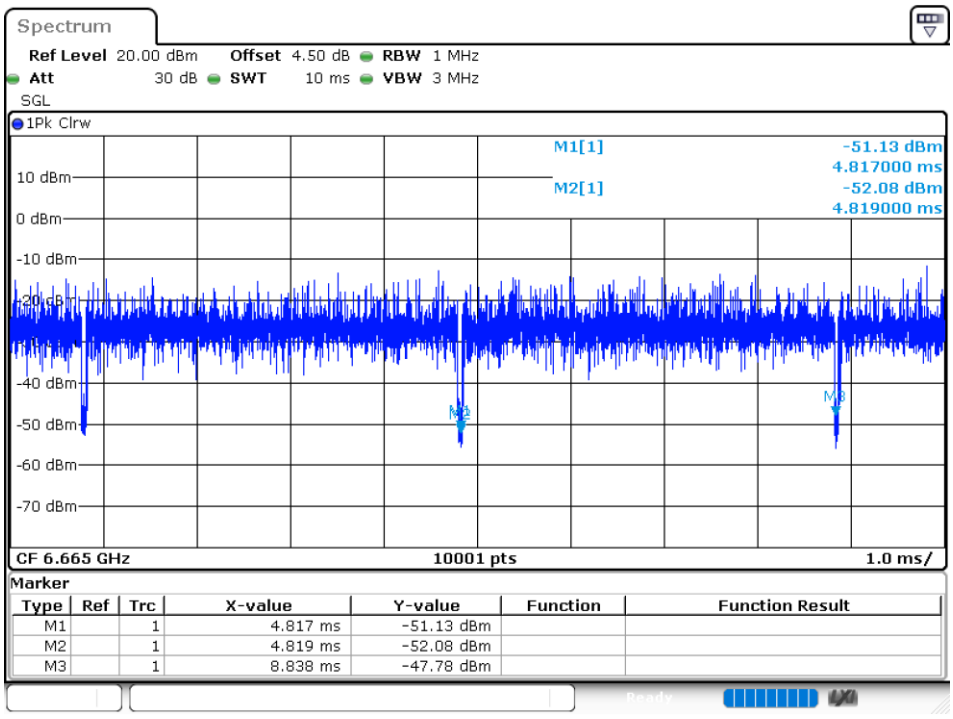
Test Graphs
Duty Cycle NVNT ax160 6665MHz Ant1



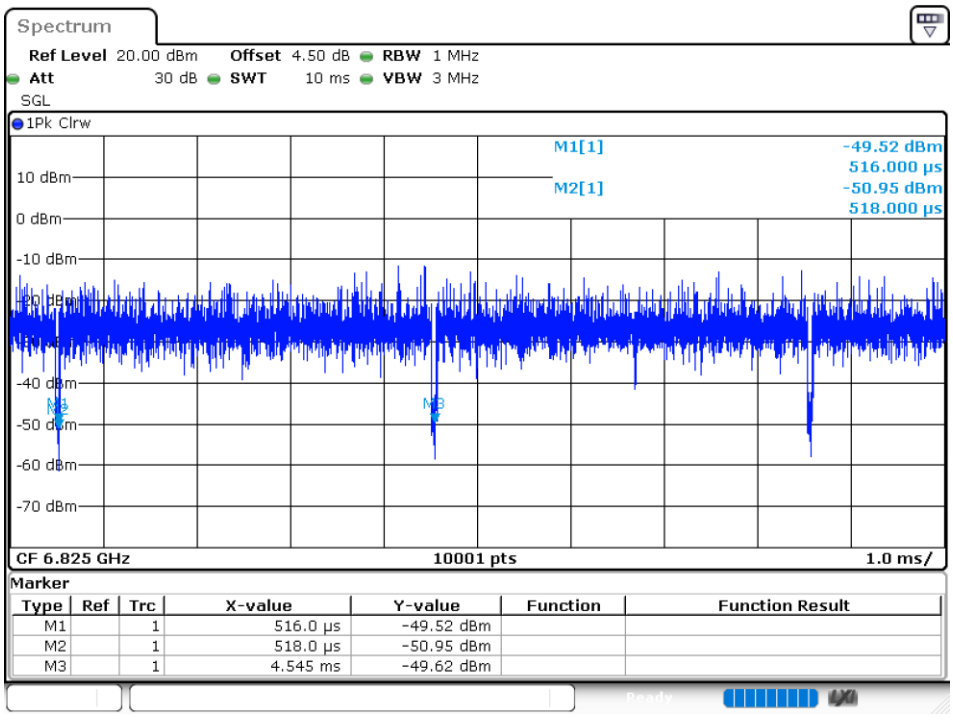
Duty Cycle NVNT ax160 6825MHz Ant1



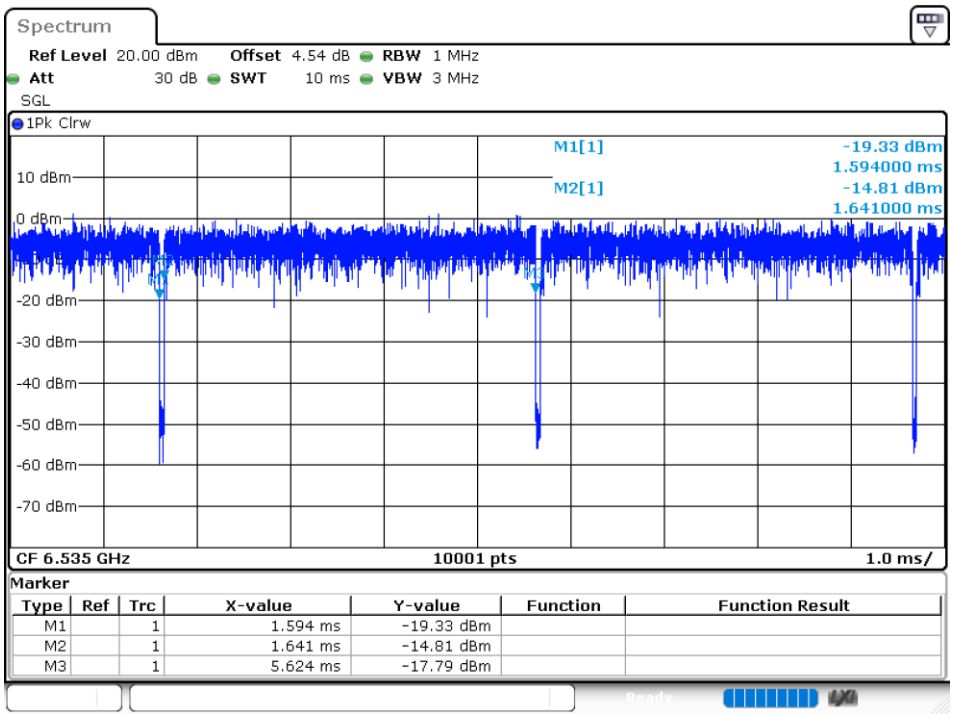
Duty Cycle NVNT ax160 6665MHz Ant2



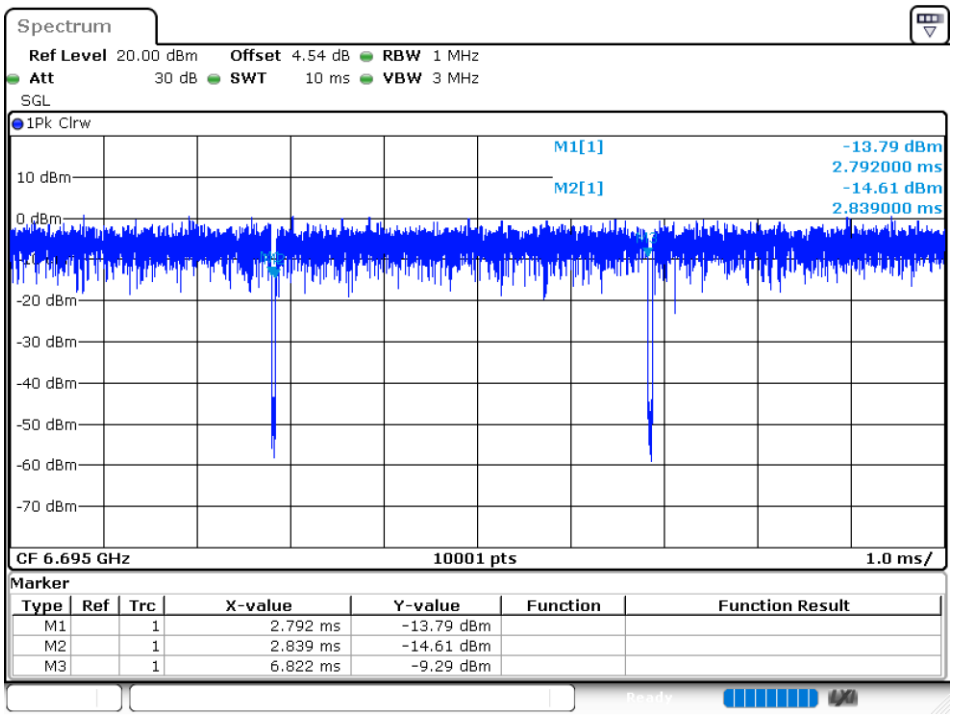
Duty Cycle NVNT ax160 6825MHz Ant2



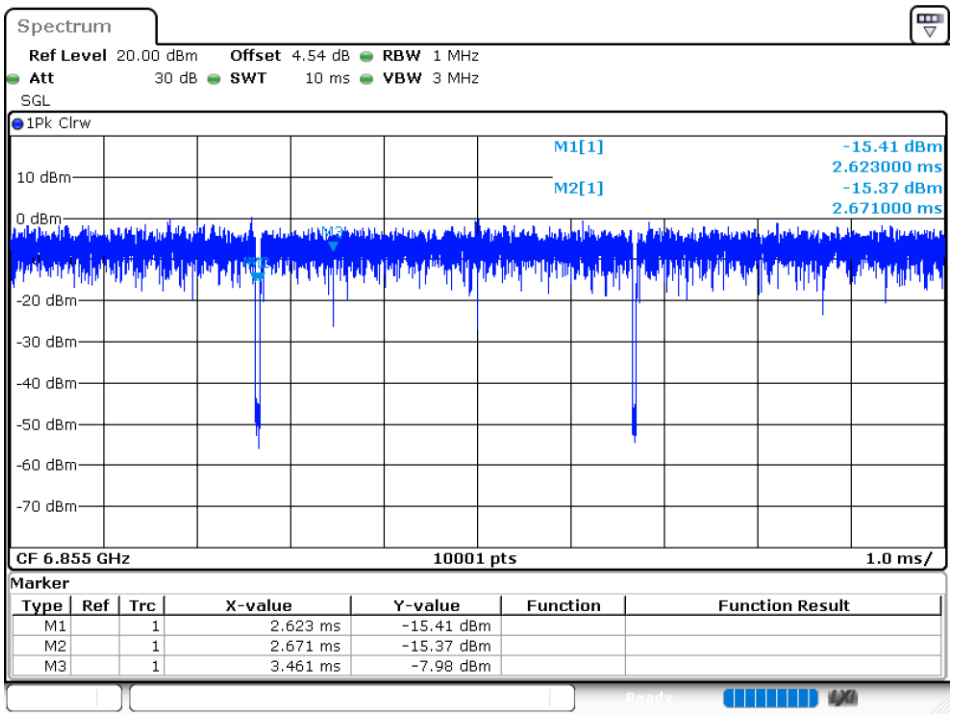
Duty Cycle NVNT ax20 6535MHz Ant1



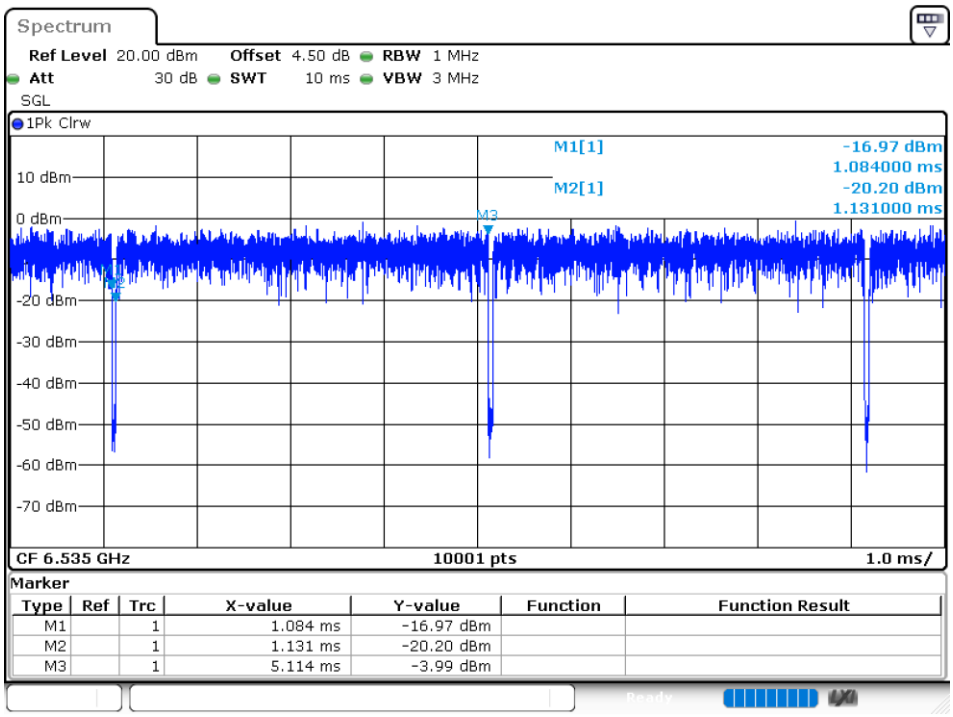
Duty Cycle NVNT ax20 6695MHz Ant1



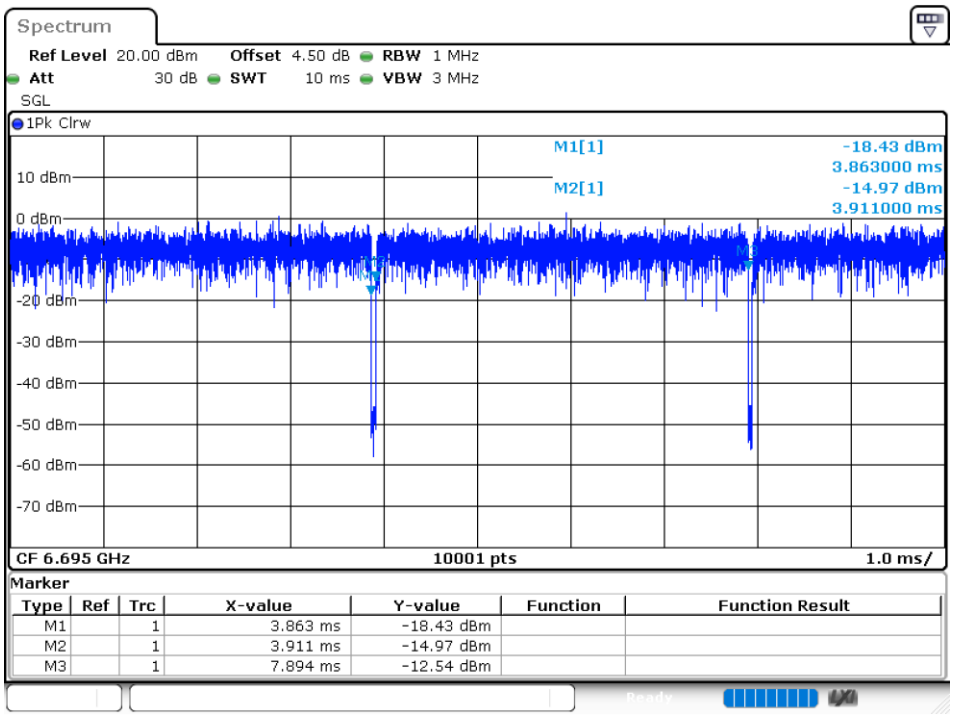
Duty Cycle NVNT ax20 6855MHz Ant1



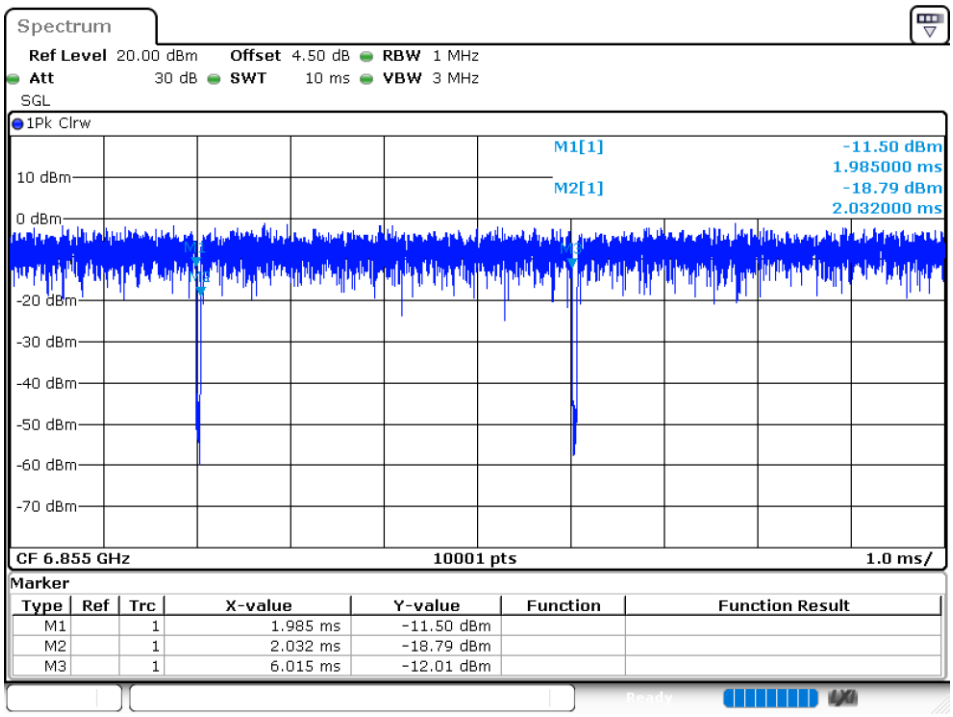
Duty Cycle NVNT ax20 6535MHz Ant2



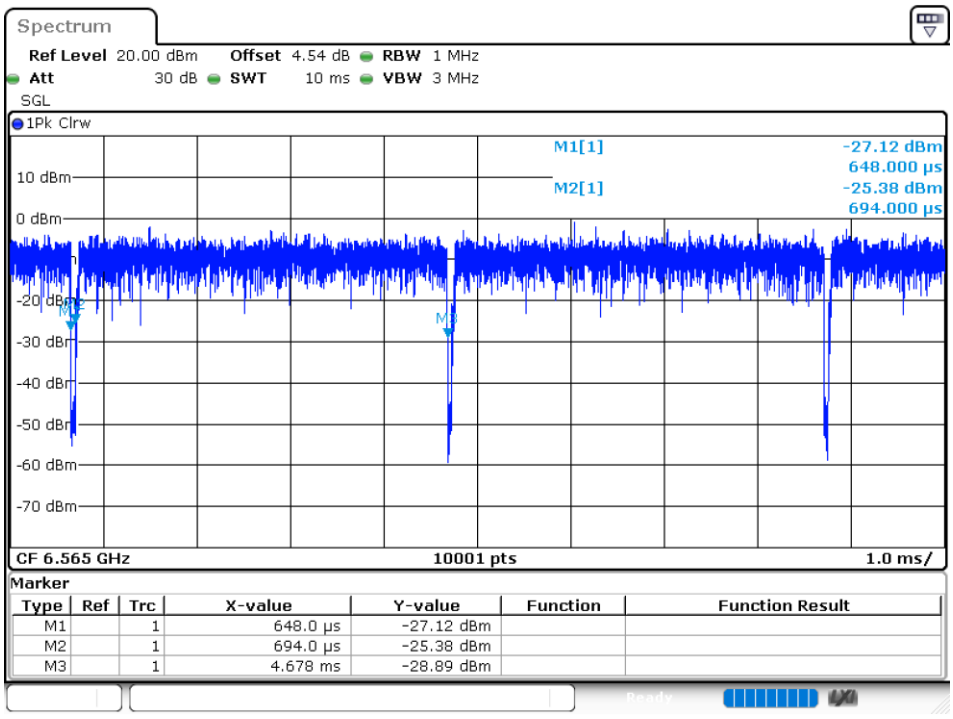
Duty Cycle NVNT ax20 6695MHz Ant2



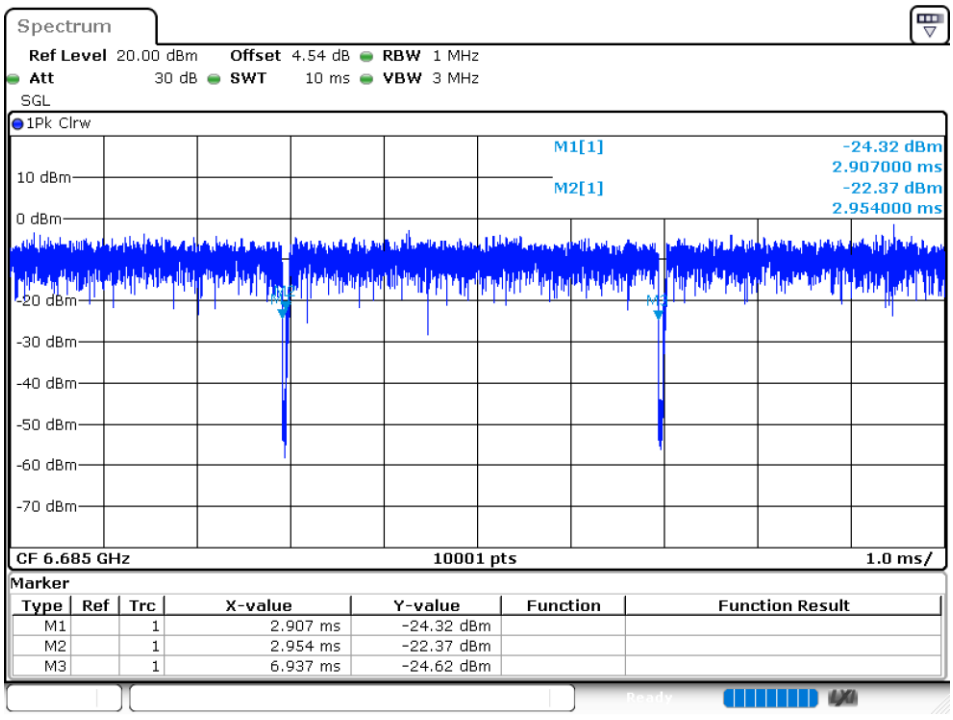
Duty Cycle NVNT ax20 6855MHz Ant2



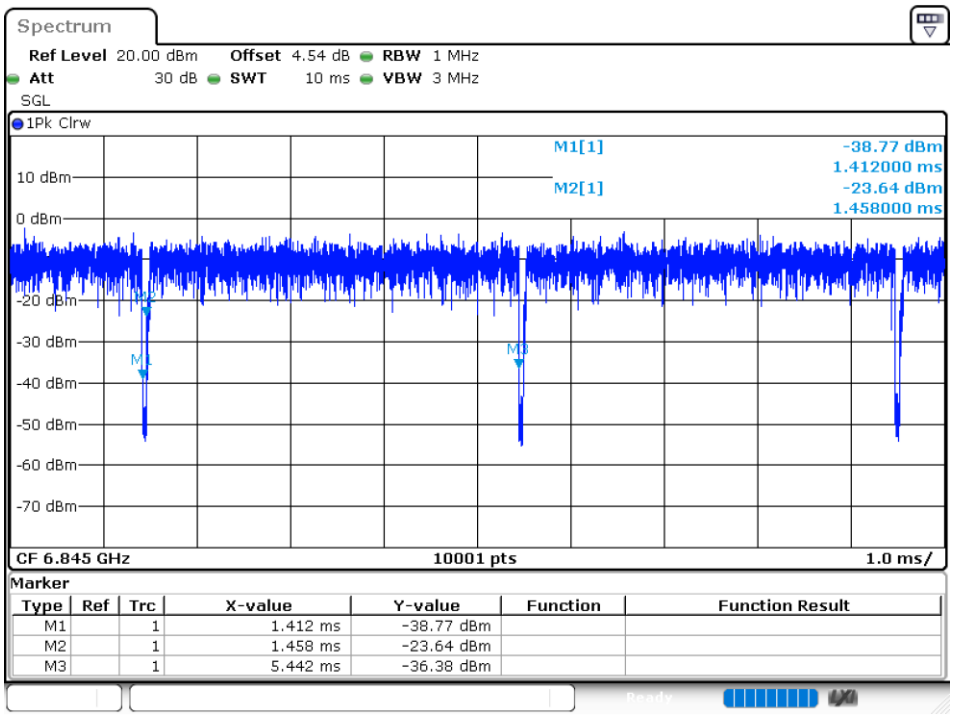
Duty Cycle NVNT ax40 6565MHz Ant1



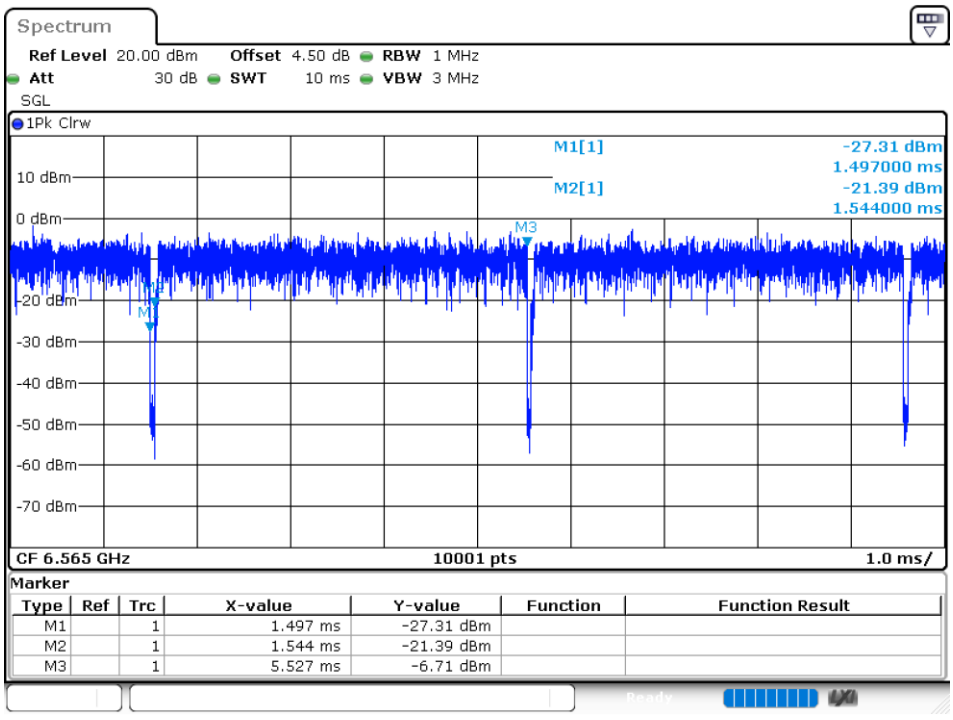
Duty Cycle NVNT ax40 6685MHz Ant1



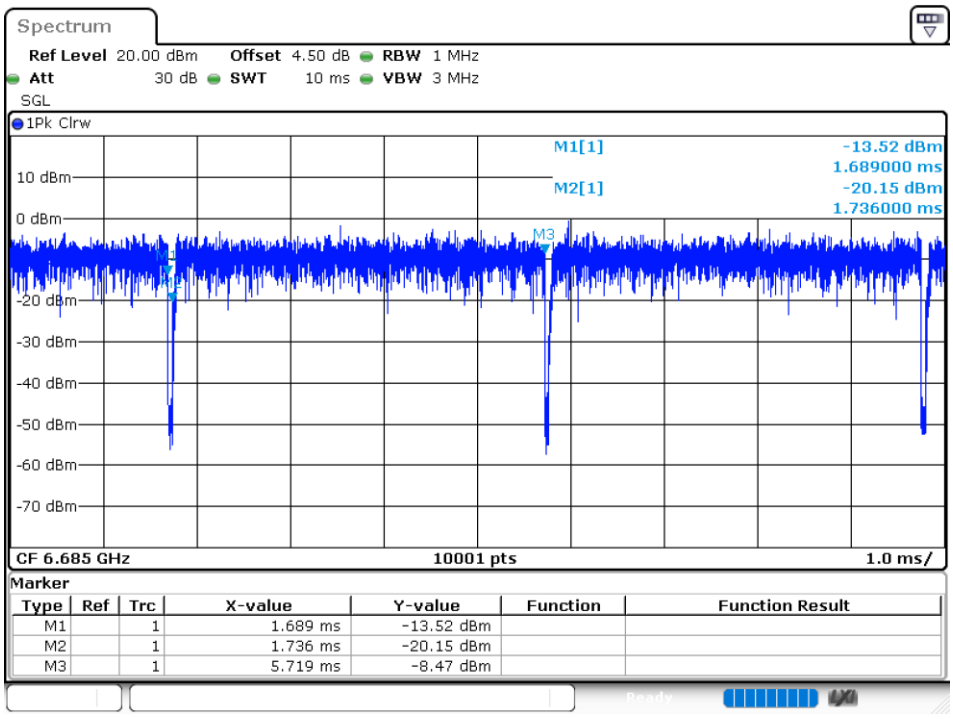
Duty Cycle NVNT ax40 6845MHz Ant1



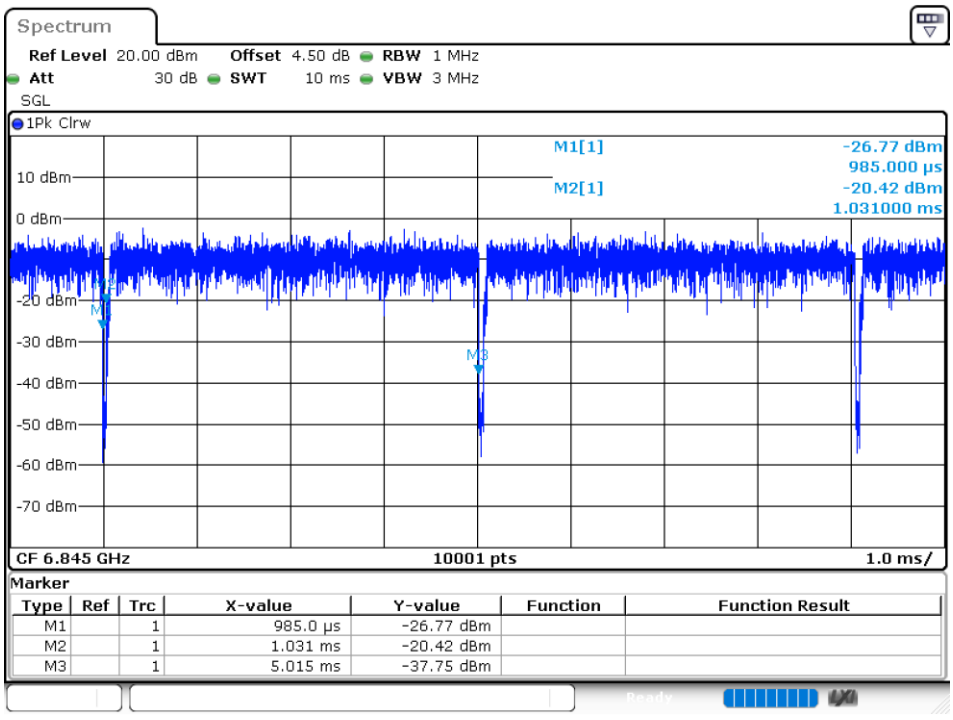
Duty Cycle NVNT ax40 6565MHz Ant2



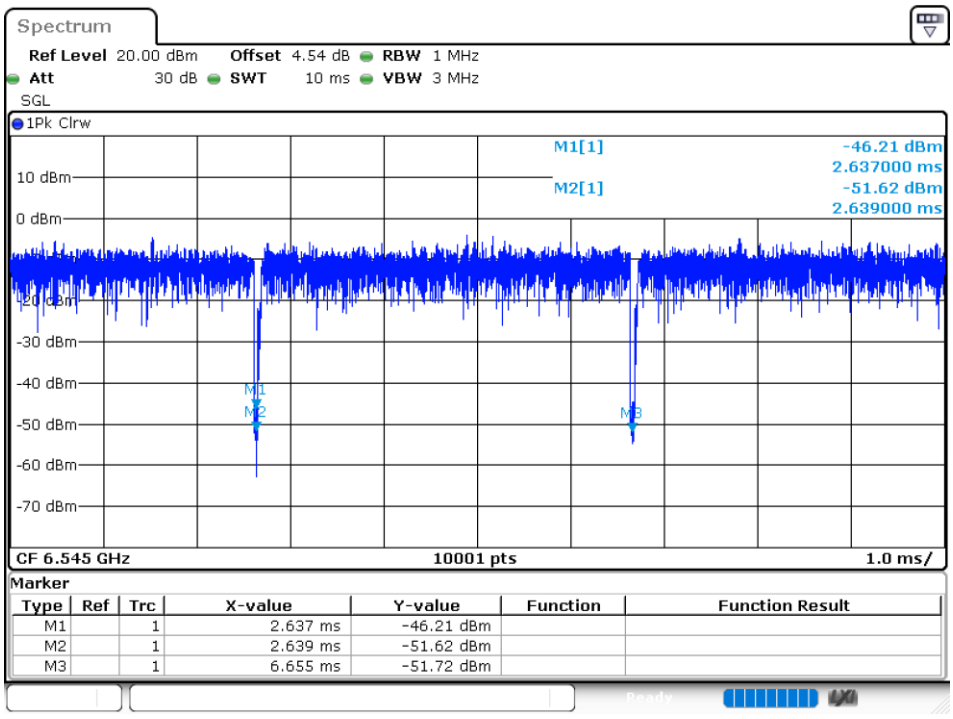
Duty Cycle NVNT ax40 6685MHz Ant2



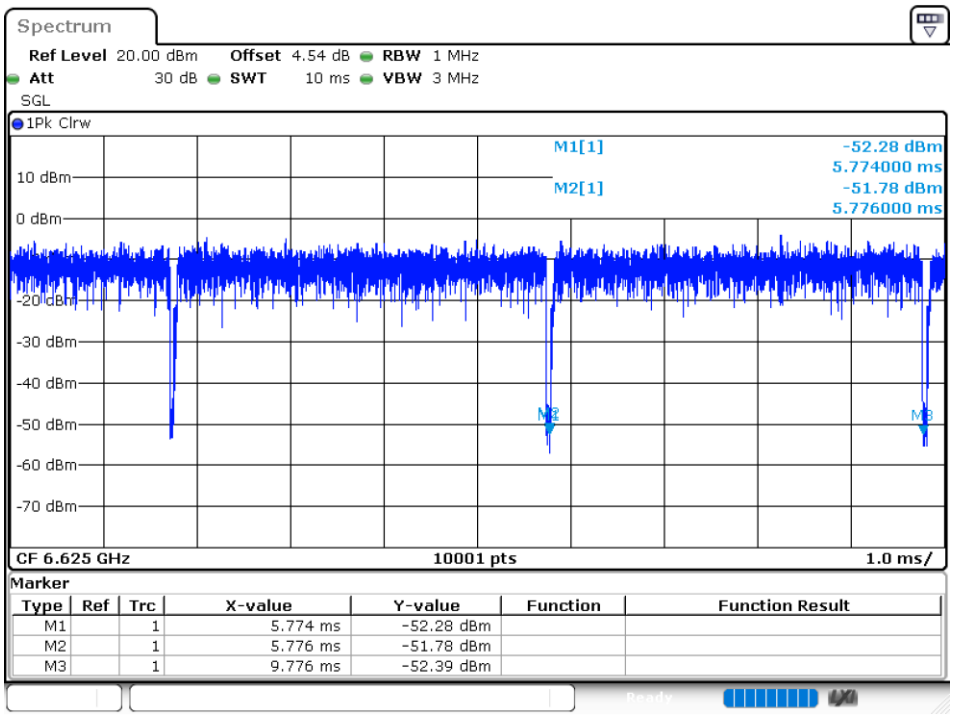
Duty Cycle NVNT ax40 6845MHz Ant2



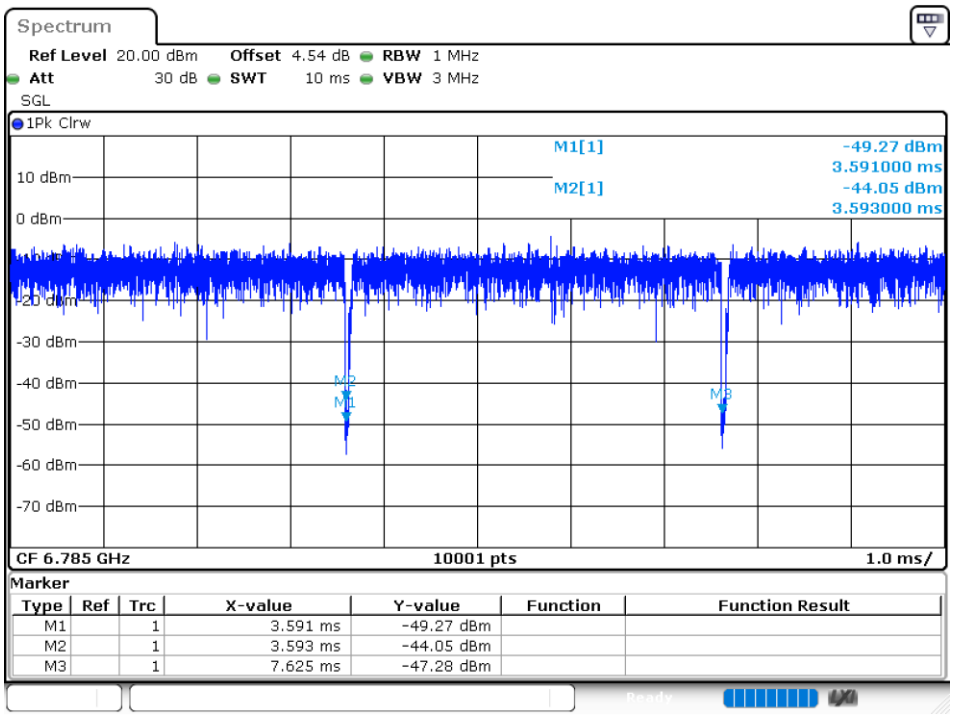
Duty Cycle NVNT ax80 6545MHz Ant1



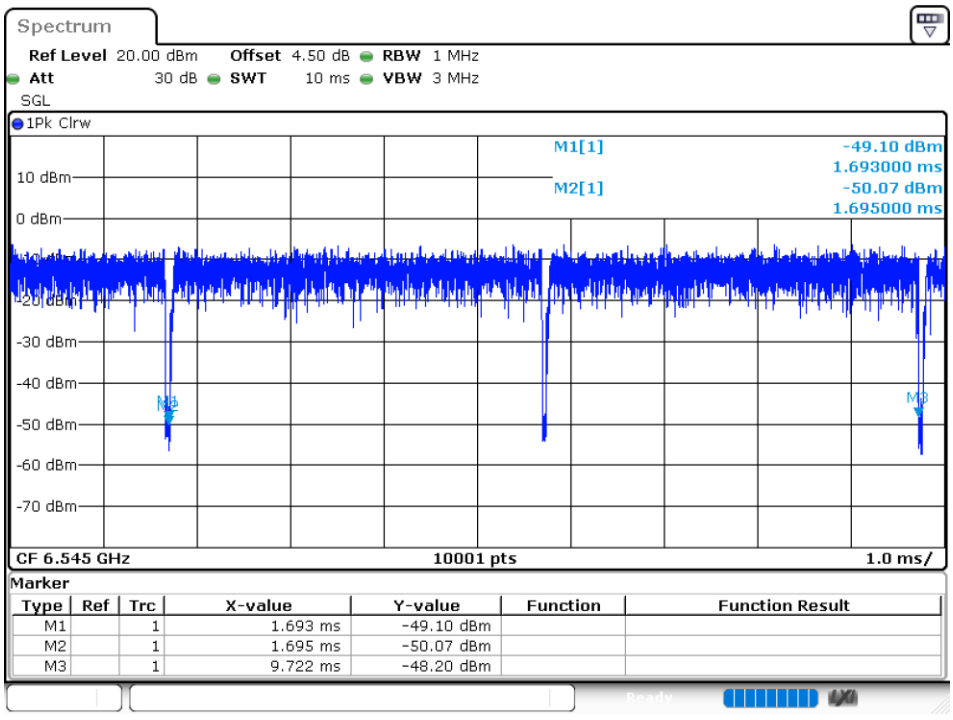
Duty Cycle NVNT ax80 6625MHz Ant1



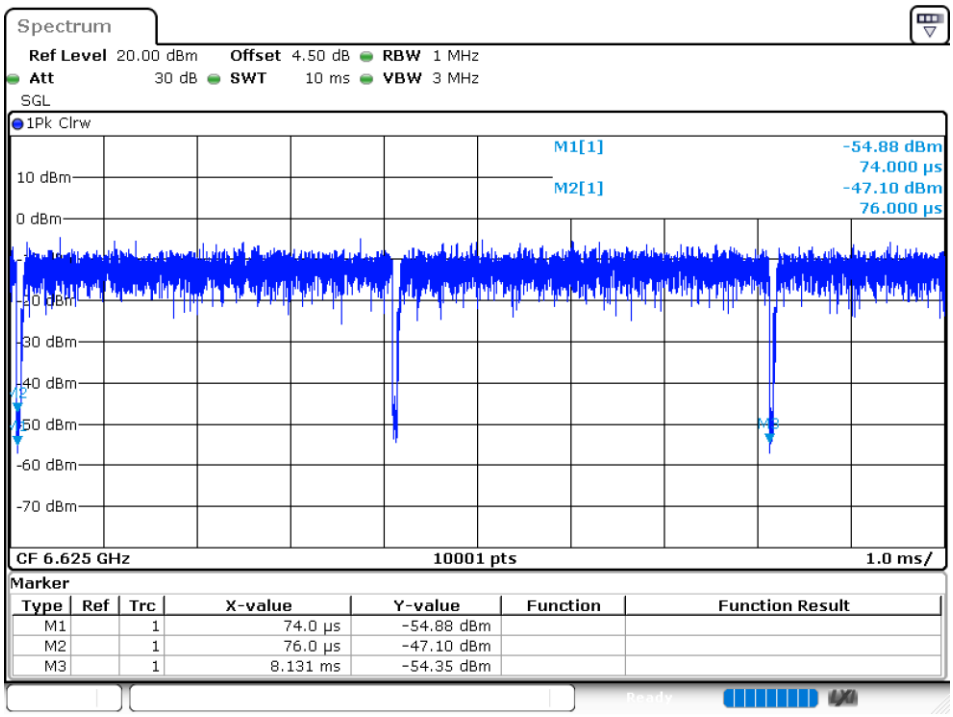
Duty Cycle NVNT ax80 6785MHz Ant1



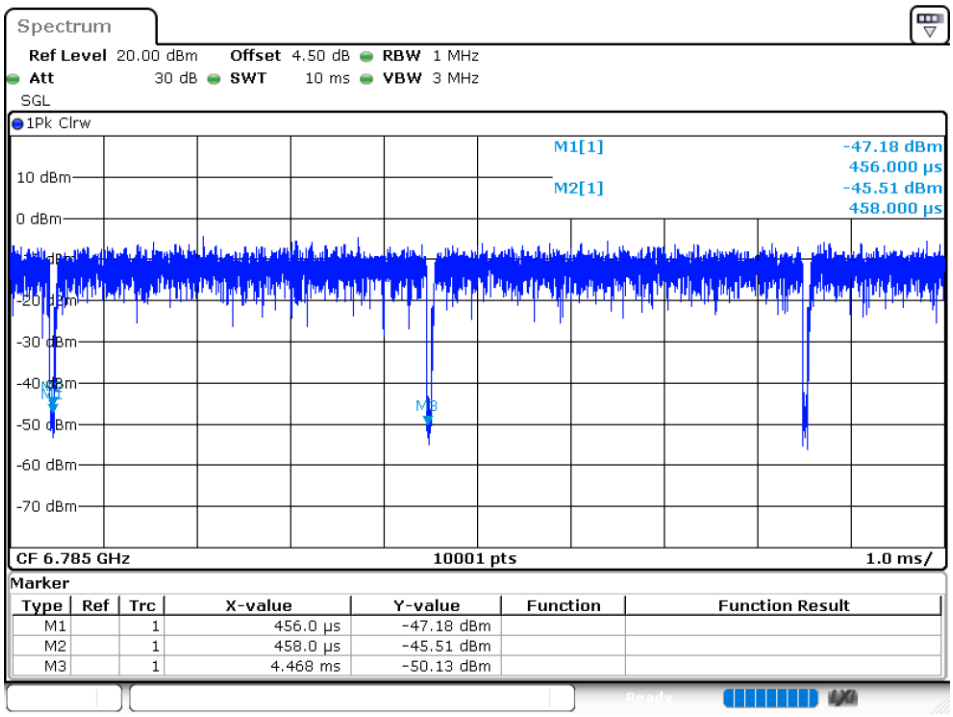
Duty Cycle NVNT ax80 6545MHz Ant2



Duty Cycle NVNT ax80 6625MHz Ant2



Duty Cycle NVNT ax80 6785MHz Ant2



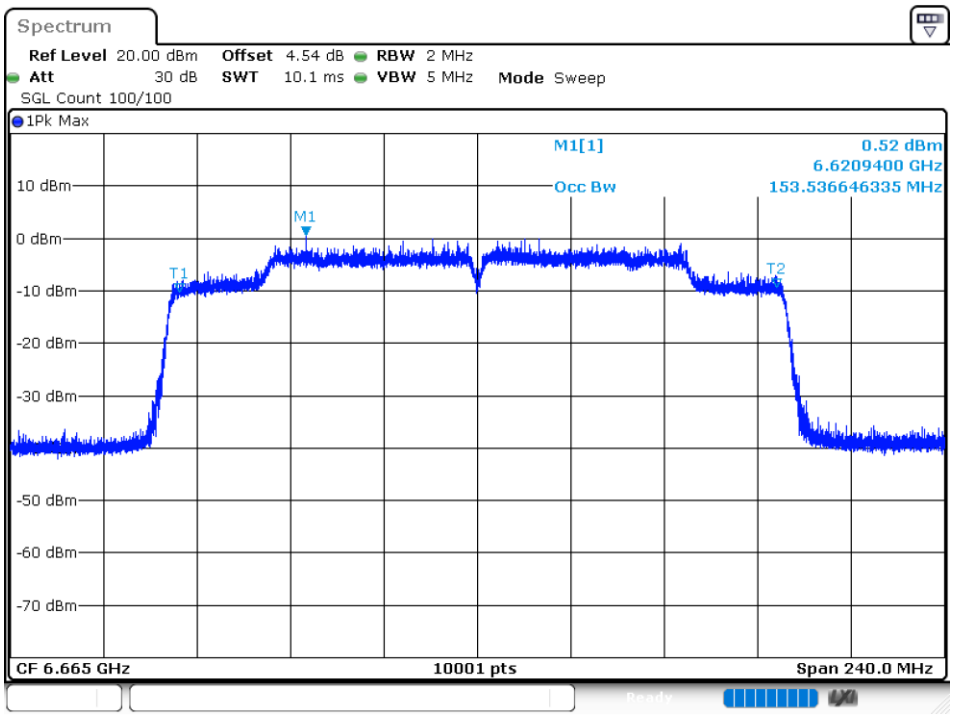
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	6.75	4.9	11.65	24	Pass
NVNT	ax160	6825	Ant1	6.63	4.9	11.53	24	Pass
NVNT	ax160	6665	Ant2	7.34	4.81	12.15	24	Pass
NVNT	ax160	6825	Ant2	7.69	4.81	12.5	24	Pass
NVNT	ax20	6535	Ant1	6.2	4.9	11.1	24	Pass
NVNT	ax20	6695	Ant1	6.28	4.9	11.18	24	Pass
NVNT	ax20	6855	Ant1	5.92	4.9	10.82	24	Pass
NVNT	ax20	6535	Ant2	5.23	4.81	10.04	24	Pass
NVNT	ax20	6535	Ant2	5.86	4.81	10.67	24	Pass
NVNT	ax20	6535	Ant2	7.33	4.81	12.14	24	Pass
NVNT	ax20	6535	Ant2	4.6	4.81	9.41	24	Pass
NVNT	ax20	6695	Ant2	5.91	4.81	10.72	24	Pass
NVNT	ax20	6855	Ant2	6.12	4.81	10.93	24	Pass
NVNT	ax40	6565	Ant1	6.56	4.9	11.46	24	Pass
NVNT	ax40	6685	Ant1	6.36	4.9	11.26	24	Pass
NVNT	ax40	6845	Ant1	6.52	4.9	11.42	24	Pass
NVNT	ax40	6565	Ant2	6.96	4.81	11.77	24	Pass
NVNT	ax40	6685	Ant2	7.31	4.81	12.12	24	Pass
NVNT	ax40	6845	Ant2	7.53	4.81	12.34	24	Pass
NVNT	ax80	6545	Ant1	6.59	4.9	11.49	24	Pass
NVNT	ax80	6625	Ant1	6.41	4.9	11.31	24	Pass
NVNT	ax80	6785	Ant1	6.36	4.9	11.26	24	Pass
NVNT	ax80	6545	Ant2	6.53	4.81	11.34	24	Pass
NVNT	ax80	6625	Ant2	6.82	4.81	11.63	24	Pass
NVNT	ax80	6785	Ant2	7.29	4.81	12.1	24	Pass

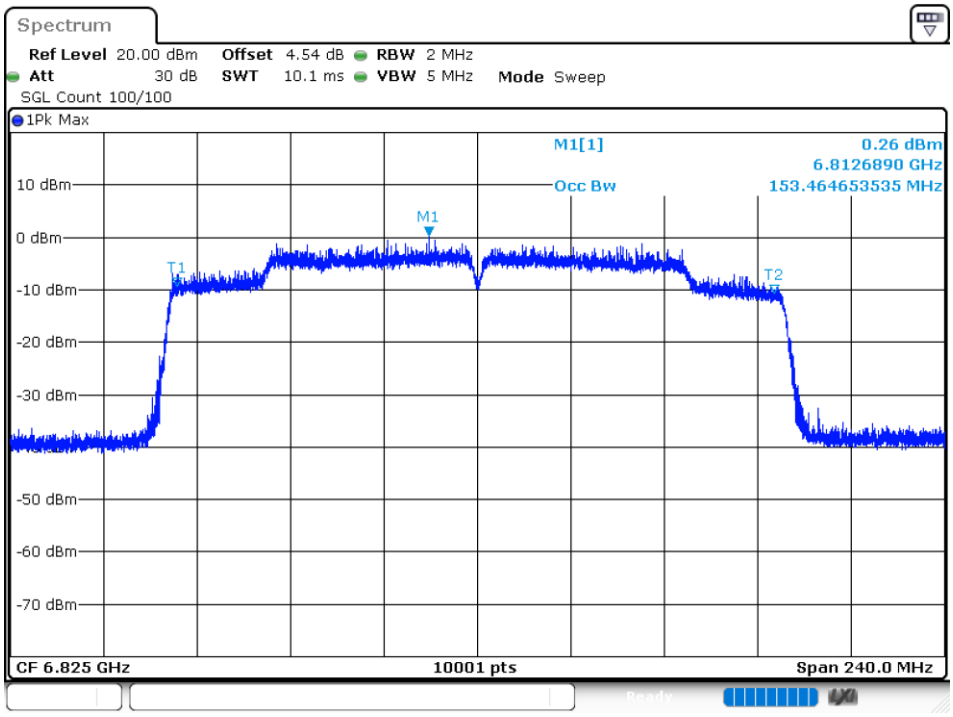
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6665	Ant1	153.537
NVNT	ax160	6825	Ant1	153.465
NVNT	ax160	6665	Ant2	154.017
NVNT	ax160	6825	Ant2	153.489
NVNT	ax20	6535	Ant1	19.096
NVNT	ax20	6695	Ant1	19.06
NVNT	ax20	6855	Ant1	19.063
NVNT	ax20	6535	Ant2	19.045
NVNT	ax20	6535	Ant2	19.051
NVNT	ax20	6535	Ant2	18.991
NVNT	ax20	6695	Ant2	19.051
NVNT	ax20	6855	Ant2	19.075
NVNT	ax40	6565	Ant1	37.832
NVNT	ax40	6685	Ant1	37.892
NVNT	ax40	6845	Ant1	37.922
NVNT	ax40	6565	Ant2	37.85
NVNT	ax40	6685	Ant2	37.844
NVNT	ax40	6845	Ant2	37.904
NVNT	ax80	6545	Ant1	76.444
NVNT	ax80	6625	Ant1	76.516
NVNT	ax80	6785	Ant1	76.648
NVNT	ax80	6545	Ant2	76.66
NVNT	ax80	6625	Ant2	76.636
NVNT	ax80	6785	Ant2	76.66

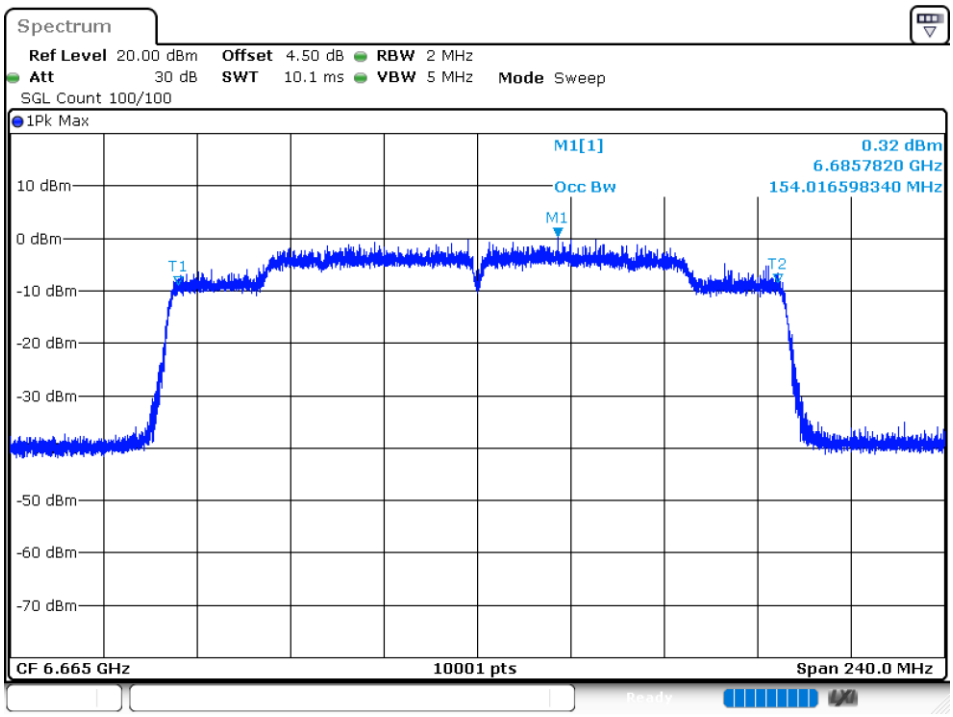
Test Graphs
OBW NVNT ax160 6665MHz Ant1



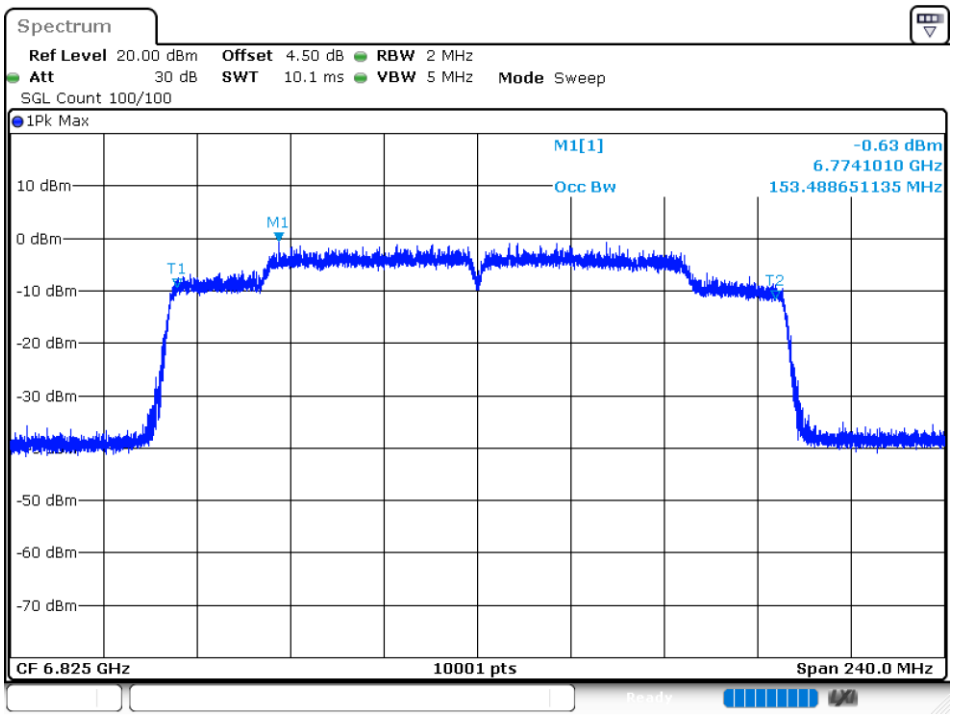
OBW NVNT ax160 6825MHz Ant1



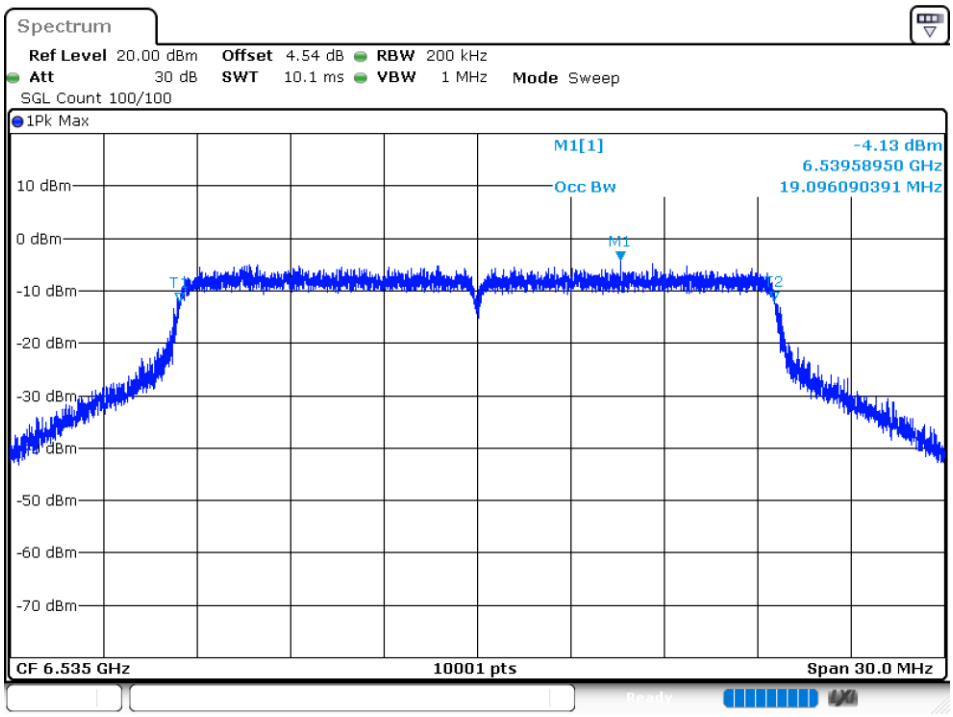
OBW NVNT ax160 6665MHz Ant2



OBW NVNT ax160 6825MHz Ant2



OBW NVNT ax20 6535MHz Ant1



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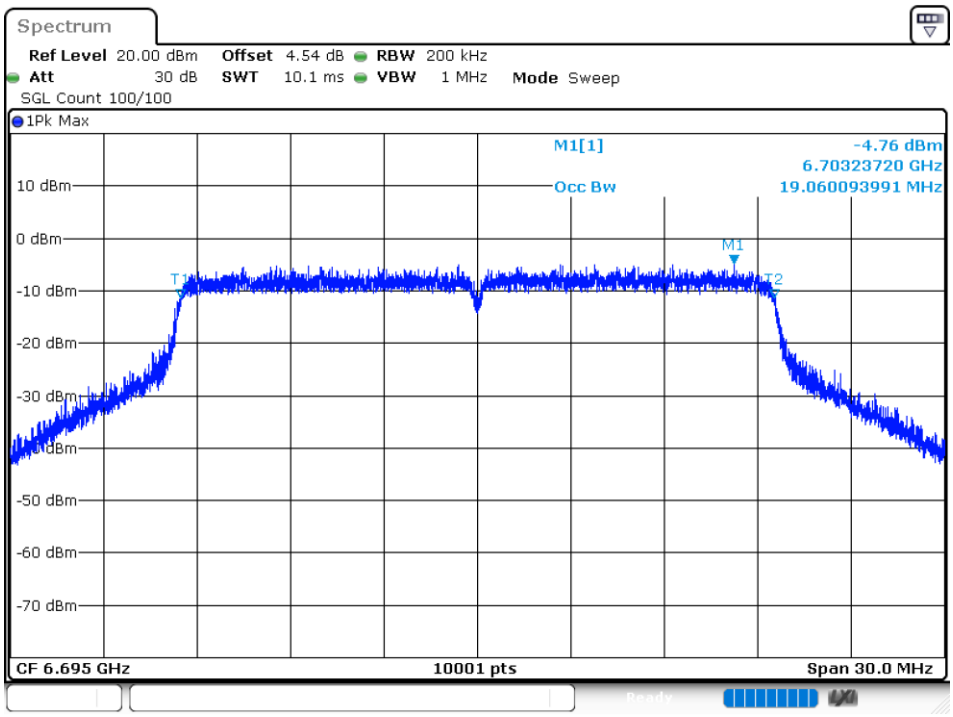

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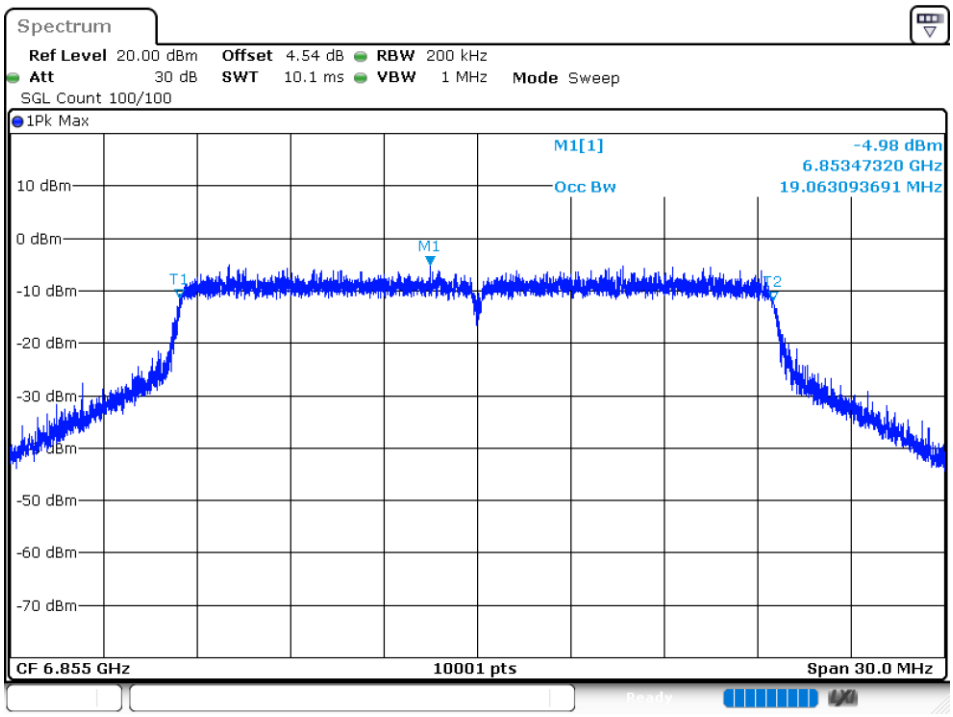
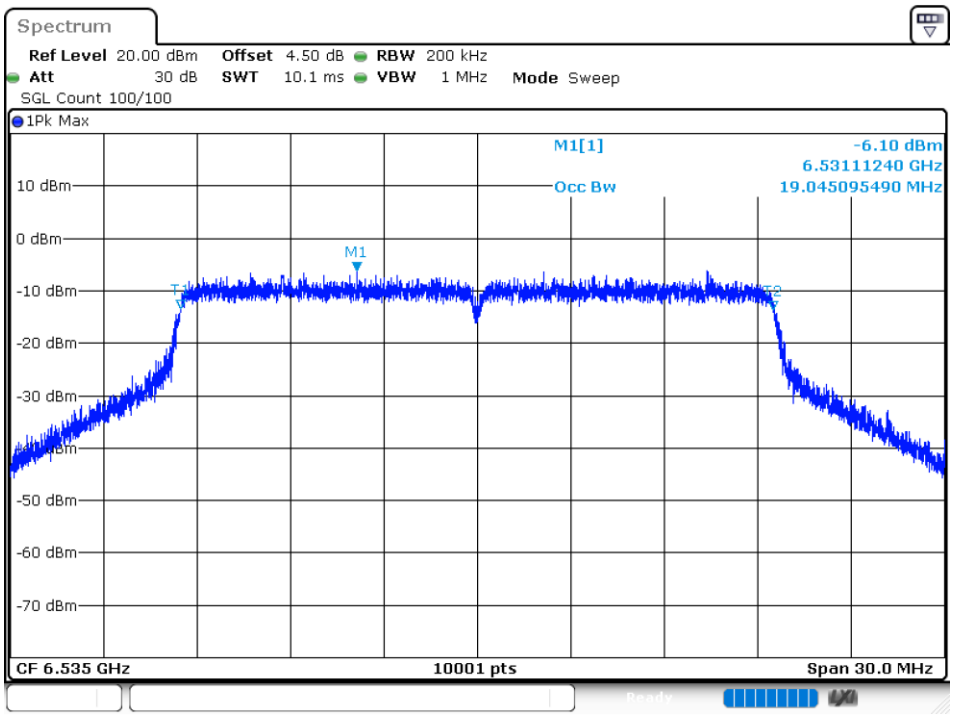


OBW NVNT ax20 6535MHz Ant2



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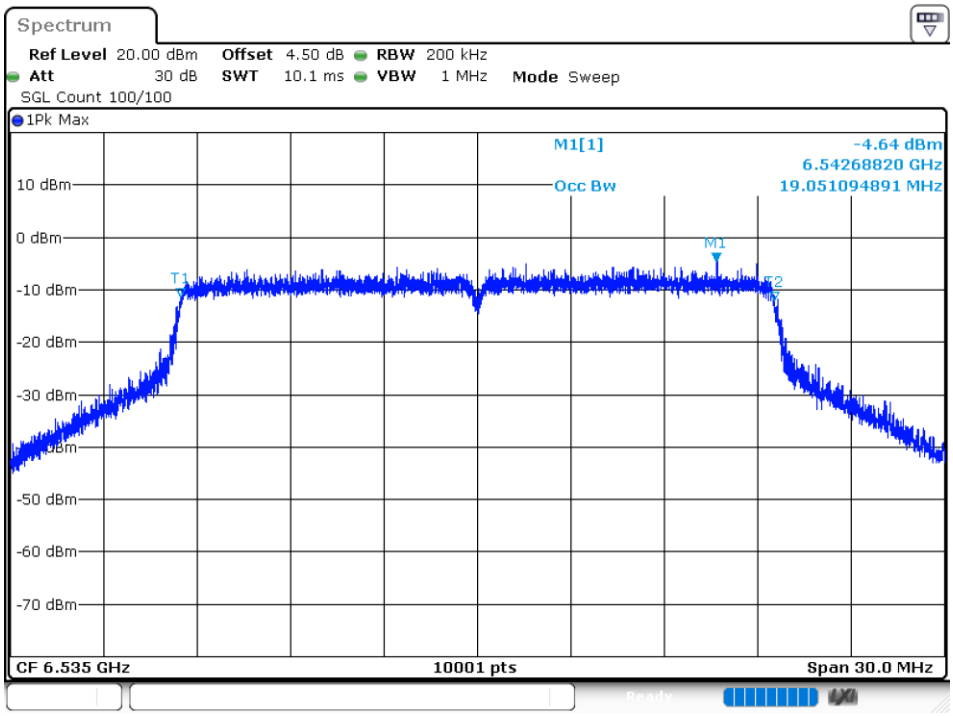
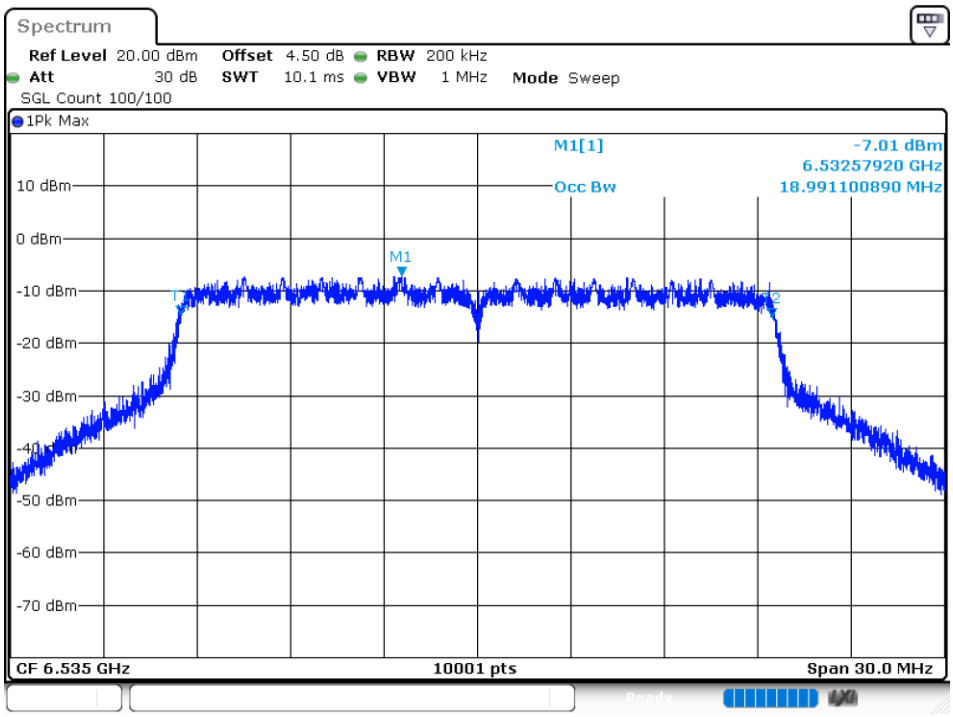


OBW NVNT ax20 6535MHz Ant2



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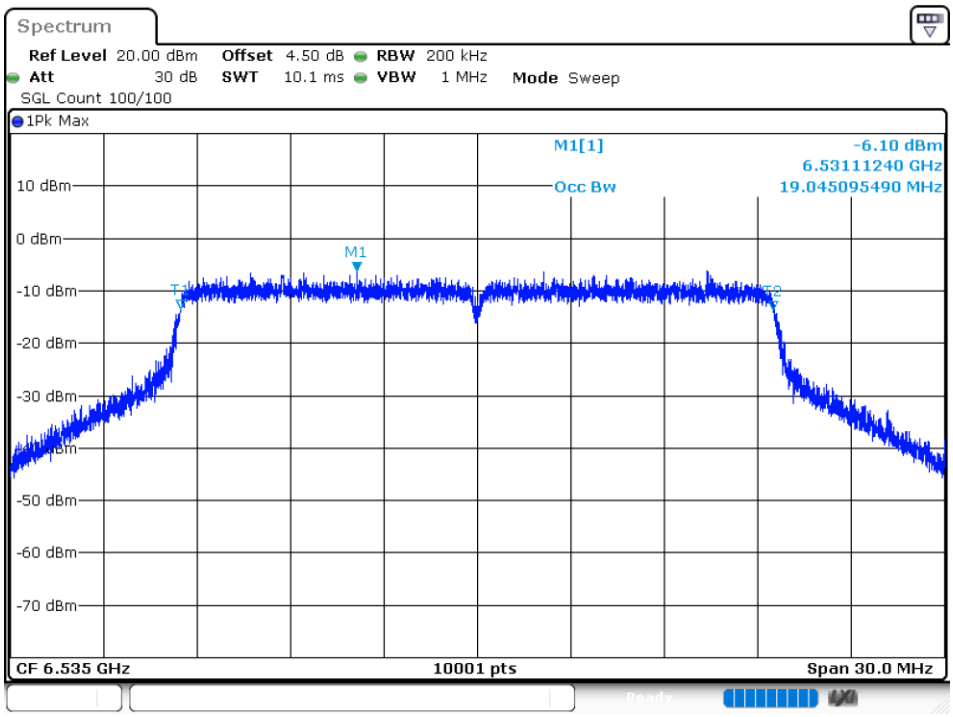

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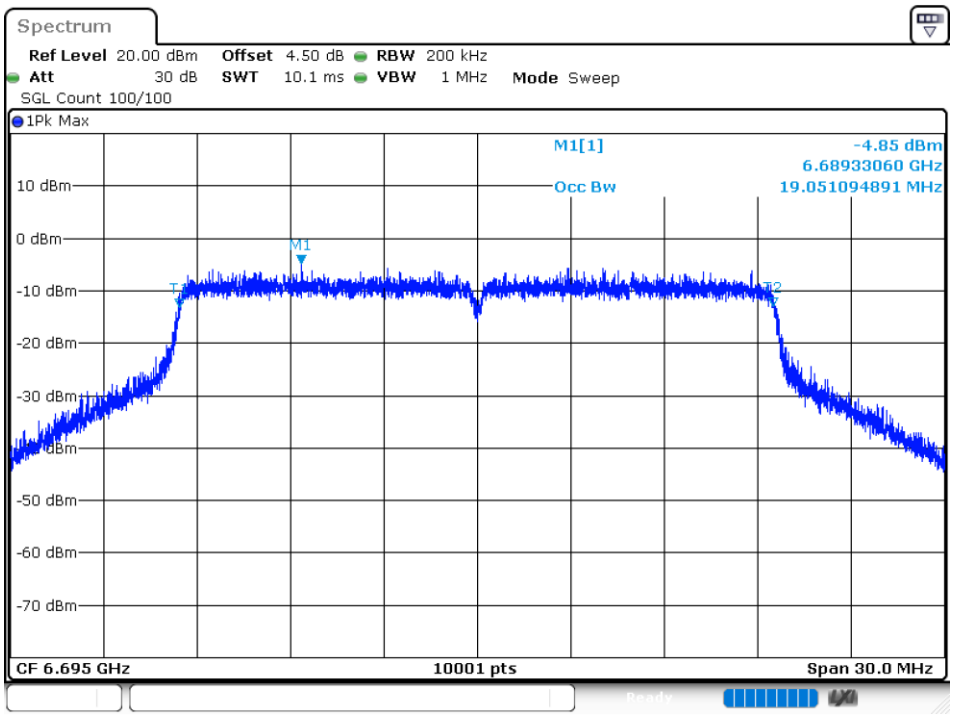
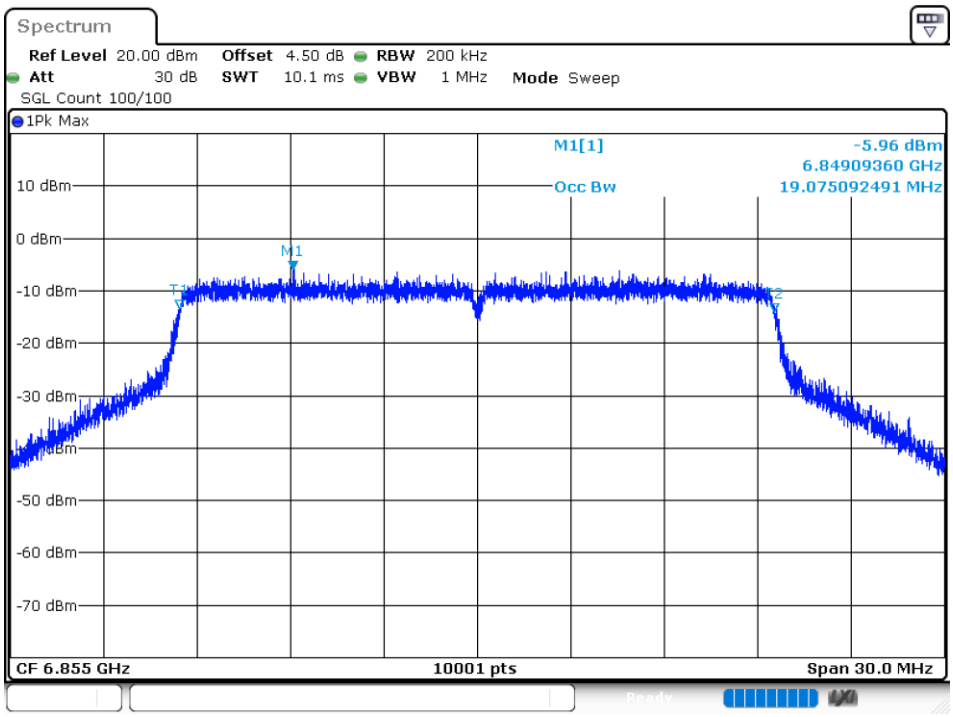
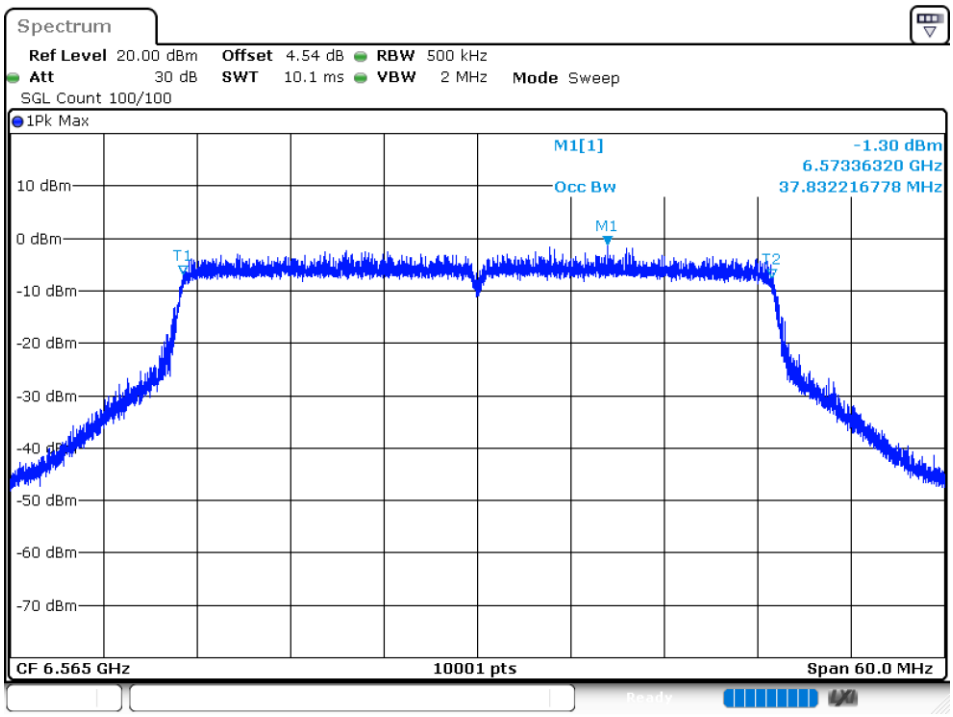


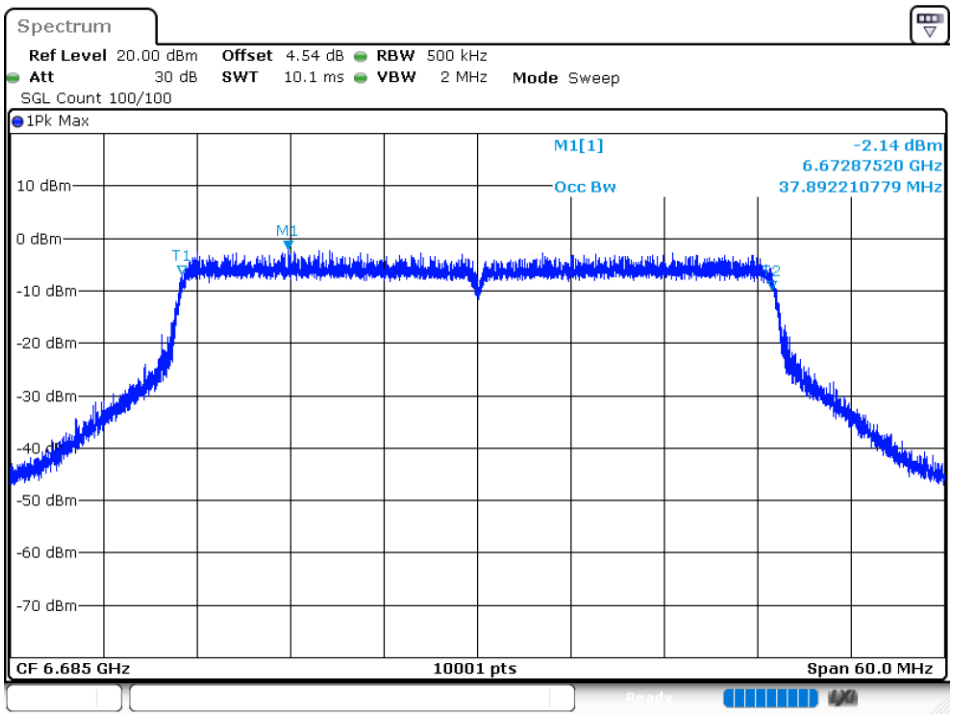
OBW NVNT ax20 6855MHz Ant2



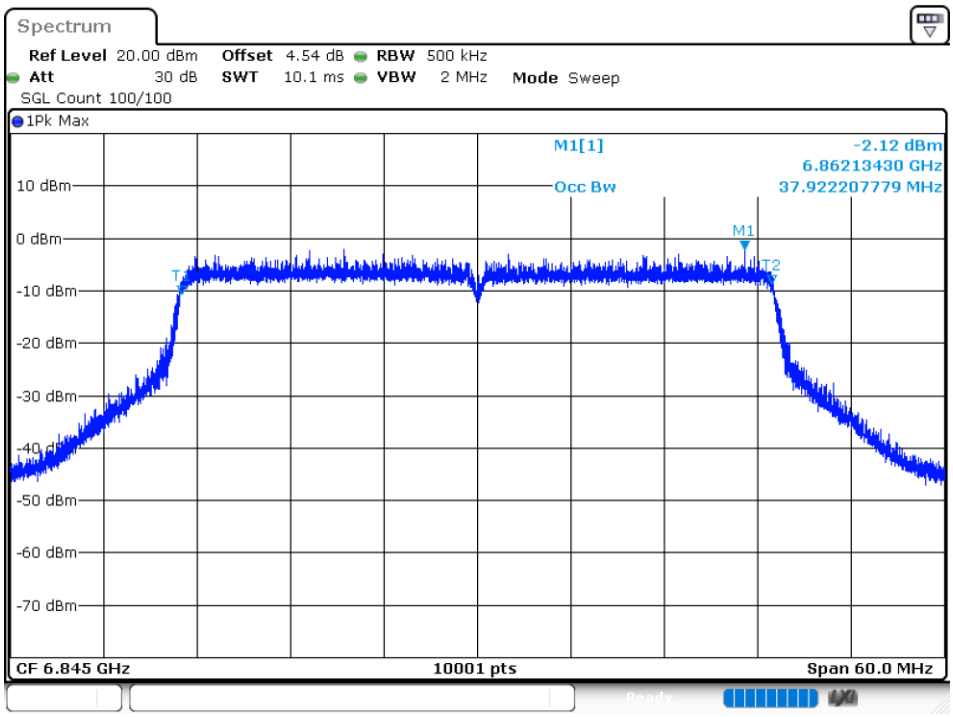
OBW NVNT ax40 6565MHz Ant1



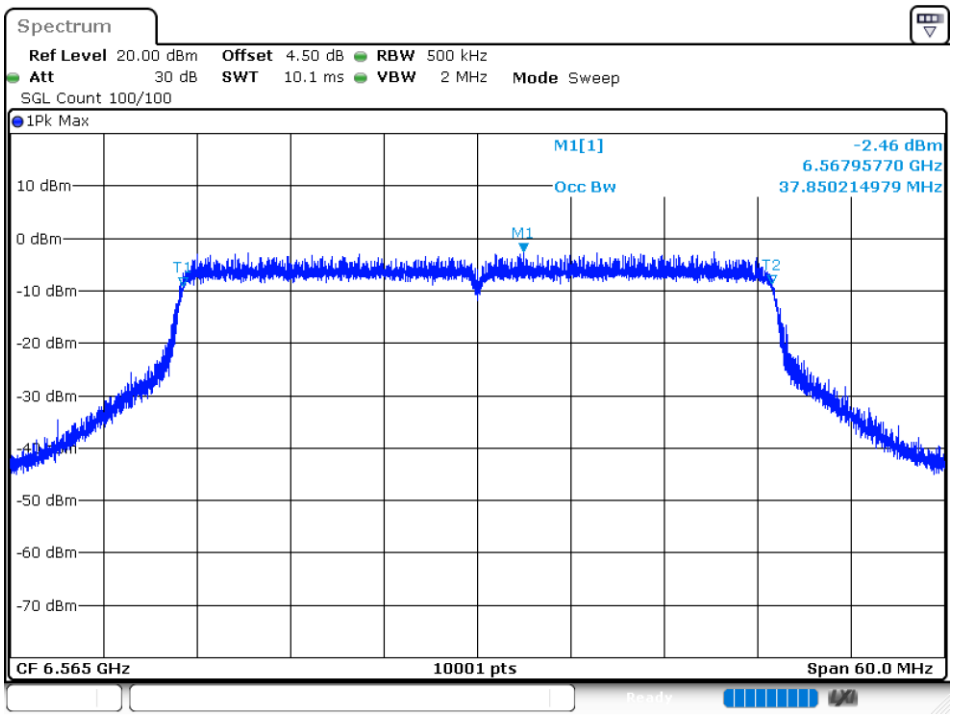
OBW NVNT ax40 6685MHz Ant1



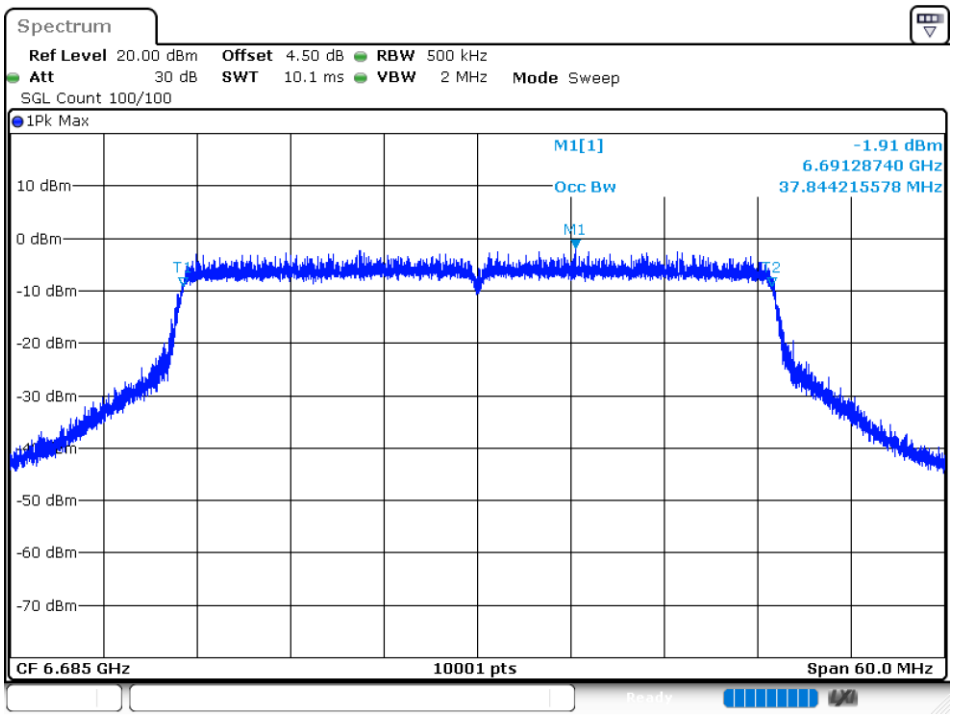
OBW NVNT ax40 6845MHz Ant1



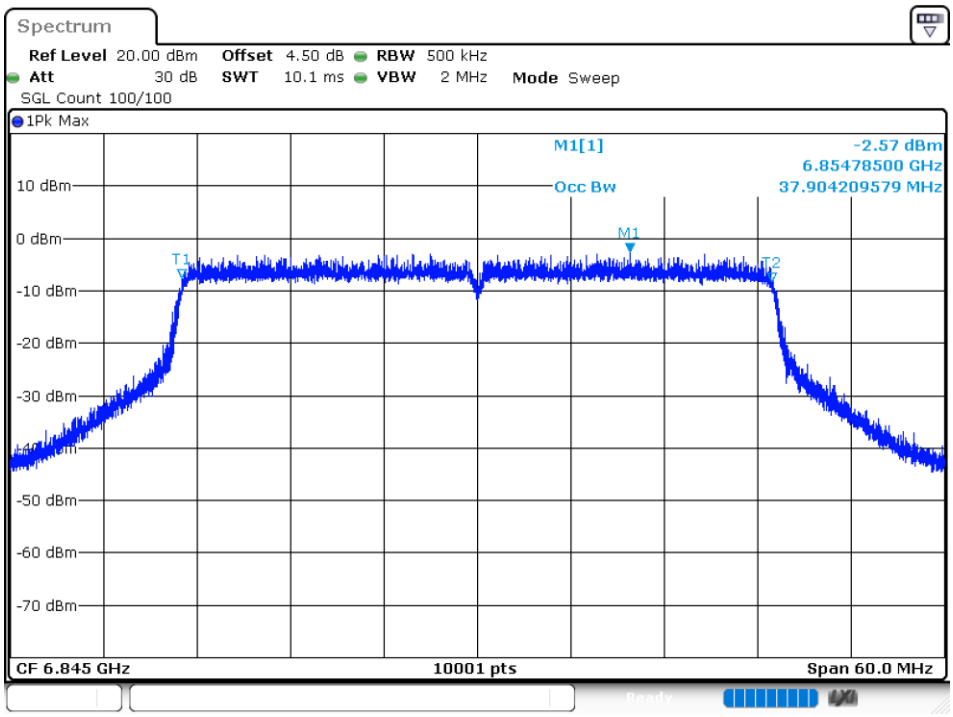
OBW NVNT ax40 6565MHz Ant2



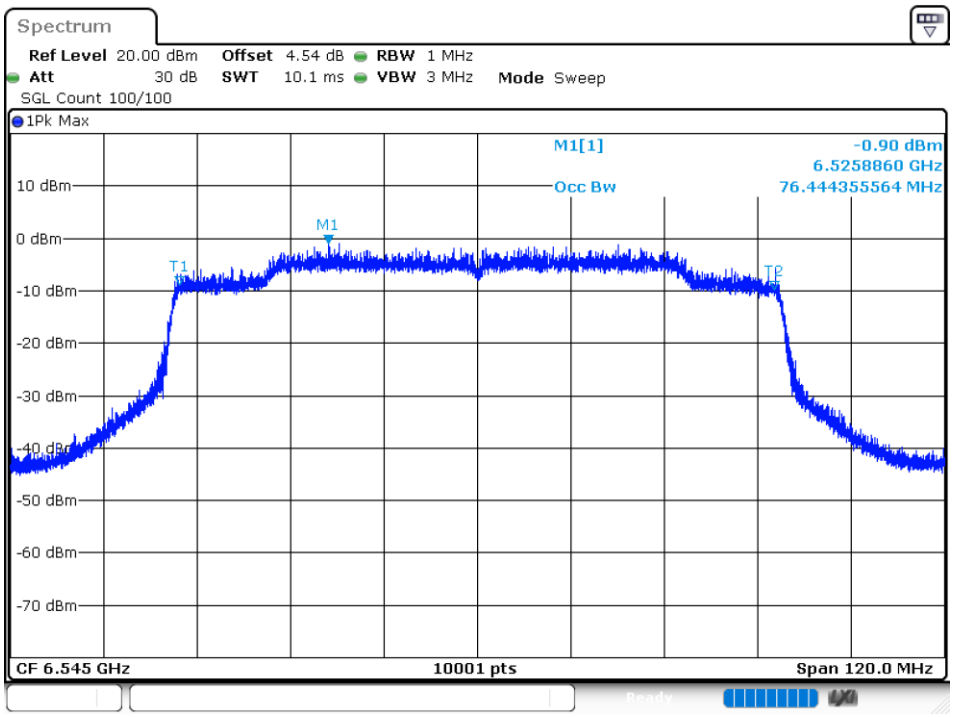
OBW NVNT ax40 6685MHz Ant2



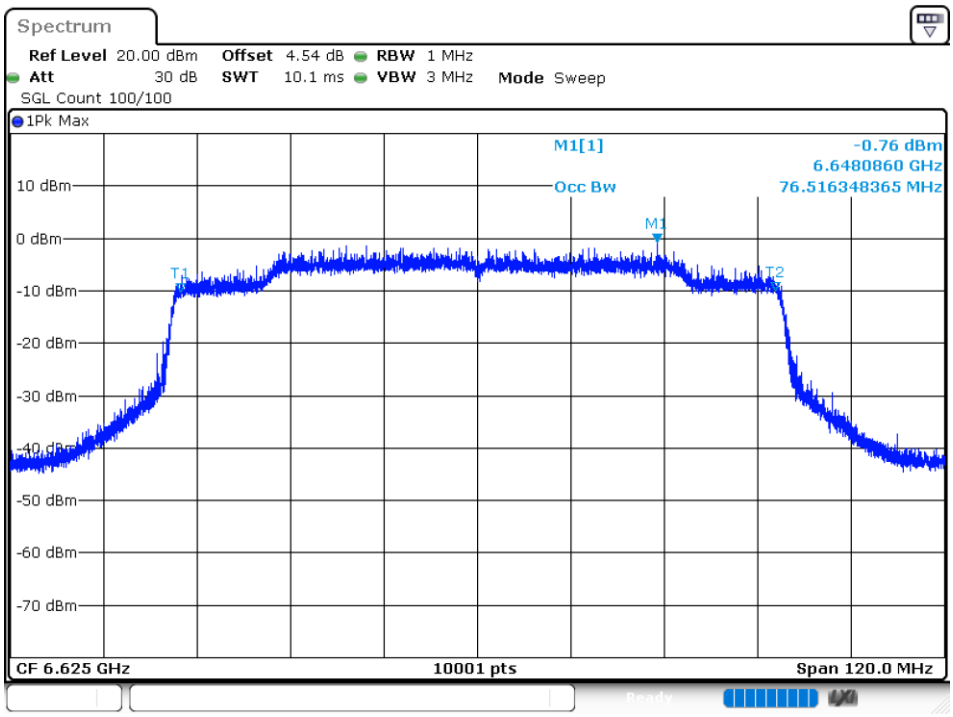
OBW NVNT ax40 6845MHz Ant2



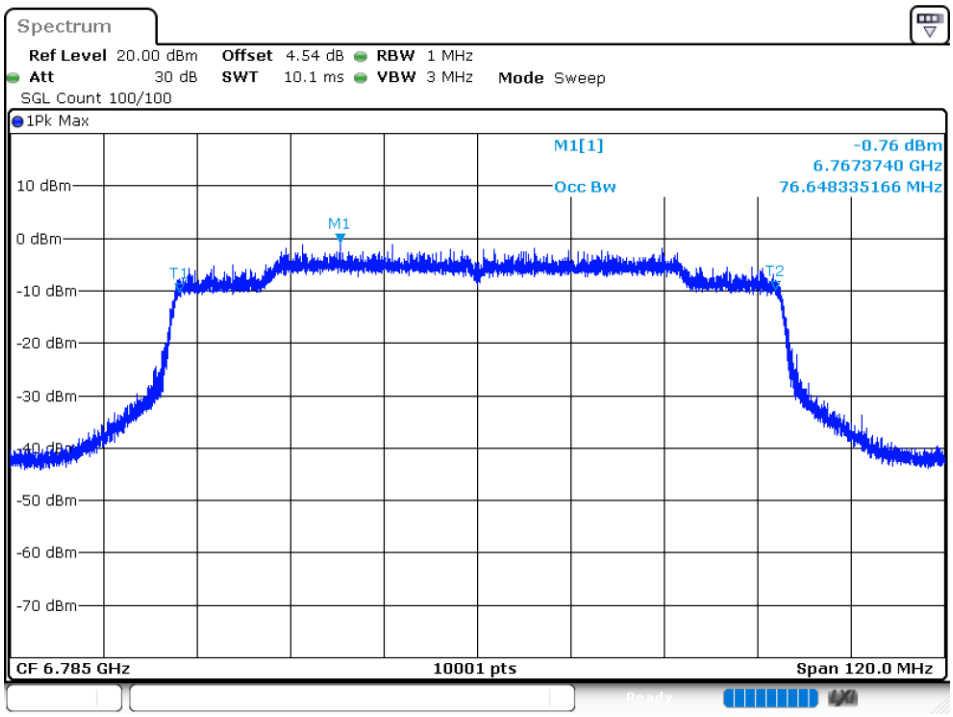
OBW NVNT ax80 6545MHz Ant1



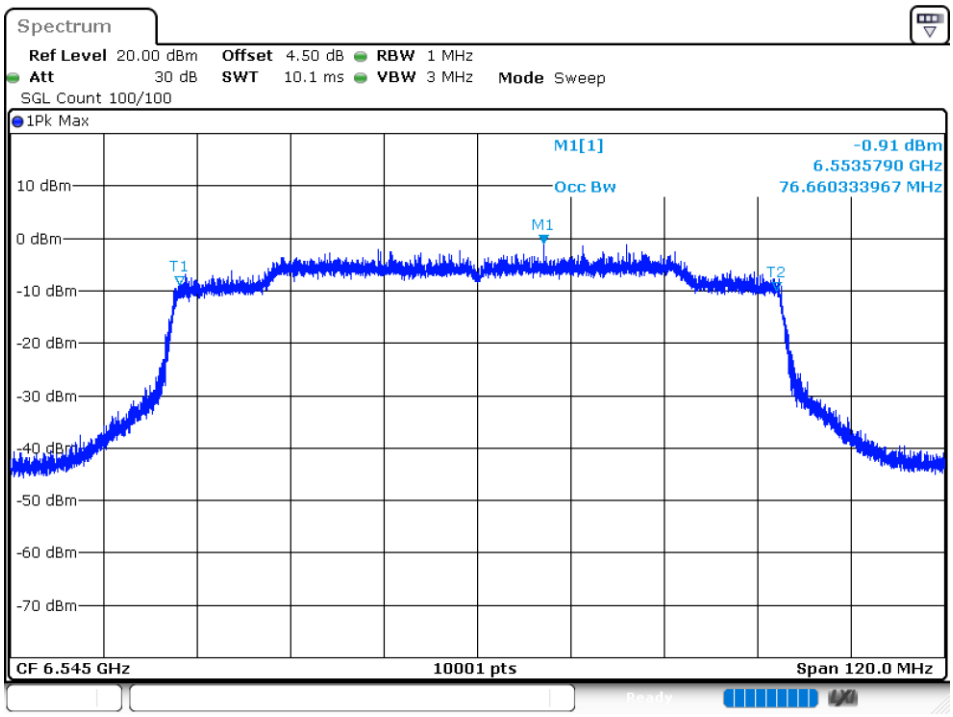
OBW NVNT ax80 6625MHz Ant1



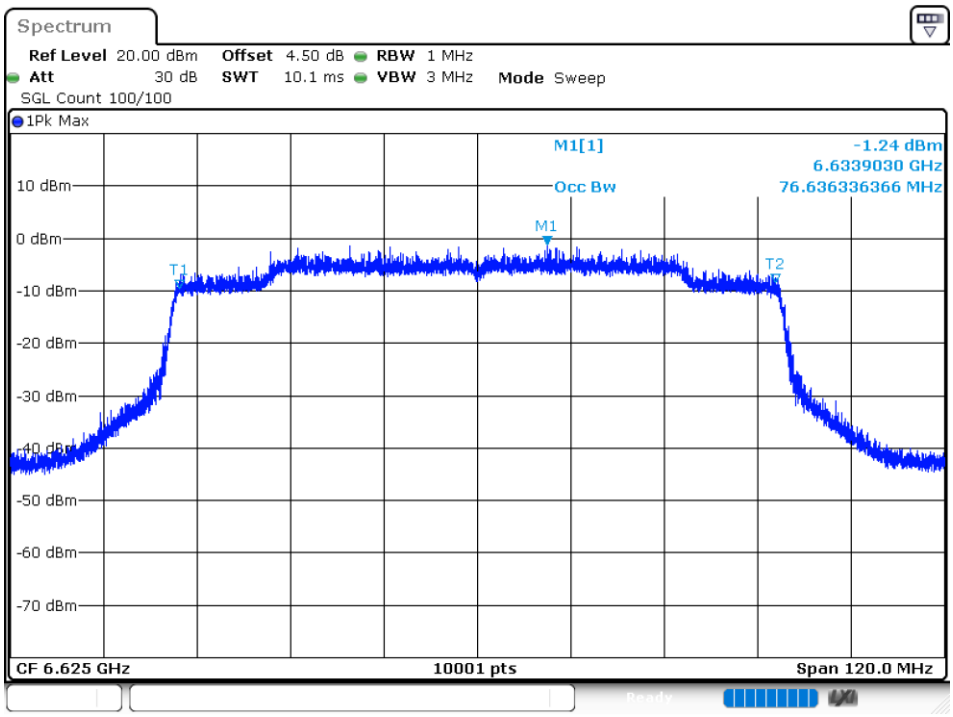
OBW NVNT ax80 6785MHz Ant1



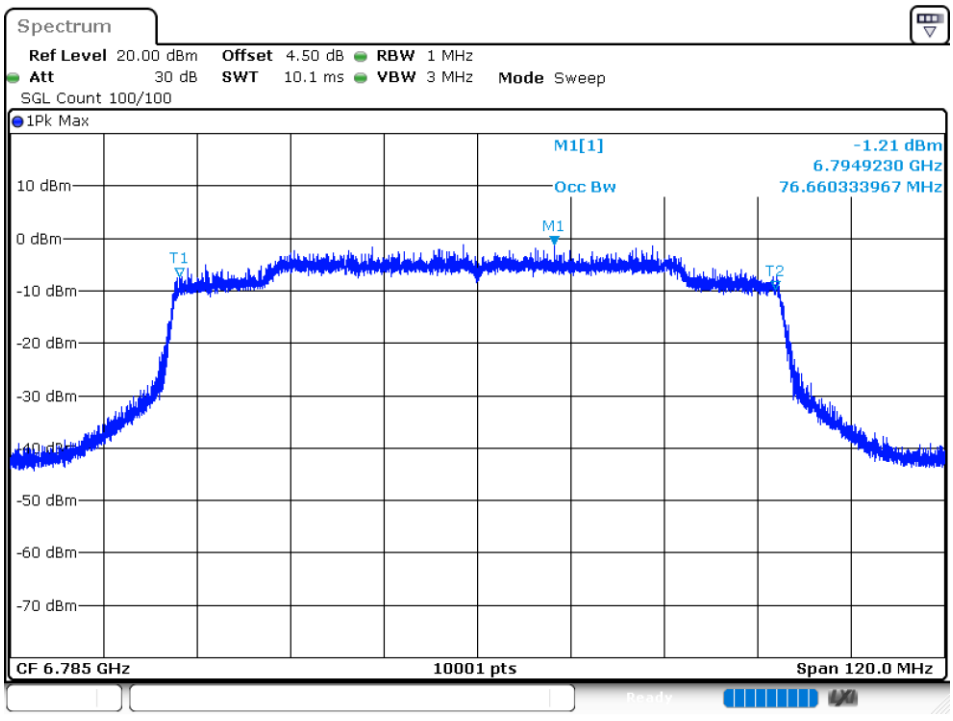
OBW NVNT ax80 6545MHz Ant2



OBW NVNT ax80 6625MHz Ant2



OBW NVNT ax80 6785MHz Ant2

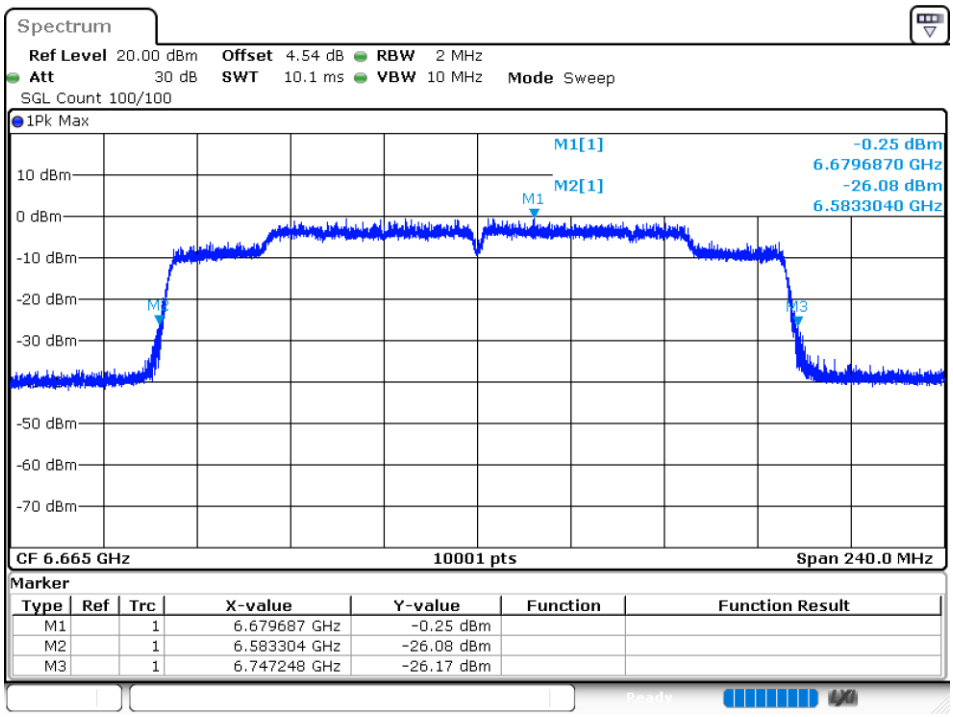


-26dB Bandwidth

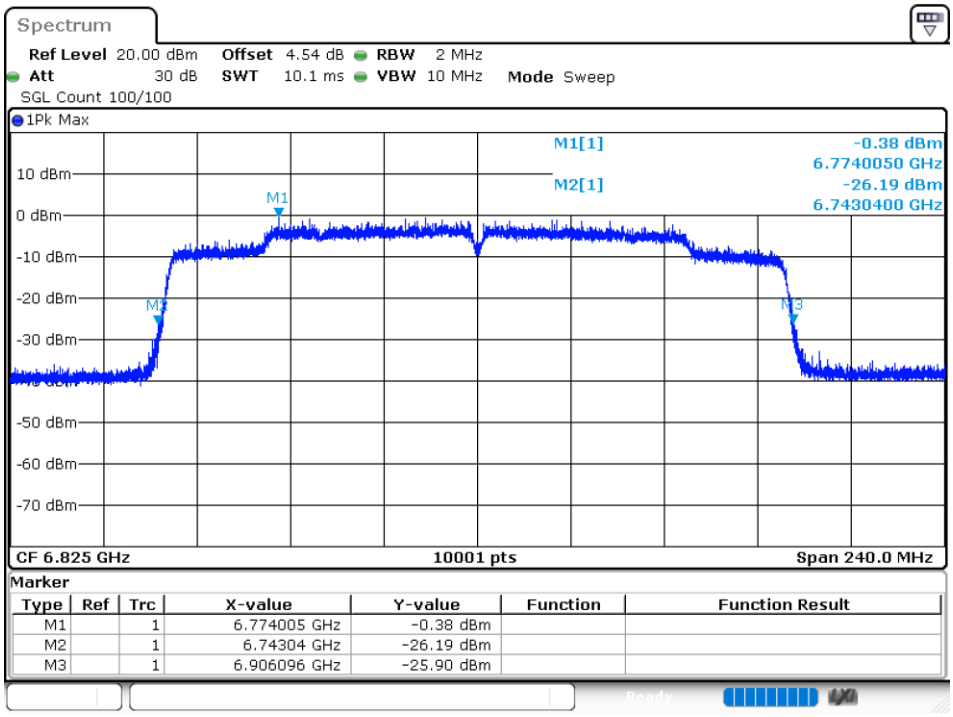
Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6665	Ant1	163.944	Pass
NVNT	ax160	6825	Ant1	163.056	Pass
NVNT	ax160	6665	Ant2	164.376	Pass
NVNT	ax160	6825	Ant2	163.584	Pass
NVNT	ax20	6535	Ant1	24.273	Pass
NVNT	ax20	6695	Ant1	25.116	Pass
NVNT	ax20	6855	Ant1	25.908	Pass
NVNT	ax20	6535	Ant2	25.392	Pass
NVNT	ax20	6695	Ant2	25.521	Pass
NVNT	ax20	6855	Ant2	25.251	Pass
NVNT	ax40	6565	Ant1	44.718	Pass
NVNT	ax40	6685	Ant1	44.292	Pass
NVNT	ax40	6845	Ant1	45.234	Pass
NVNT	ax40	6565	Ant2	45.792	Pass
NVNT	ax40	6685	Ant2	45.546	Pass
NVNT	ax40	6845	Ant2	45.21	Pass
NVNT	ax80	6545	Ant1	82.164	Pass
NVNT	ax80	6625	Ant1	82.728	Pass
NVNT	ax80	6785	Ant1	83.388	Pass
NVNT	ax80	6545	Ant2	83.088	Pass
NVNT	ax80	6625	Ant2	82.932	Pass
NVNT	ax80	6785	Ant2	83.316	Pass

Test Graphs

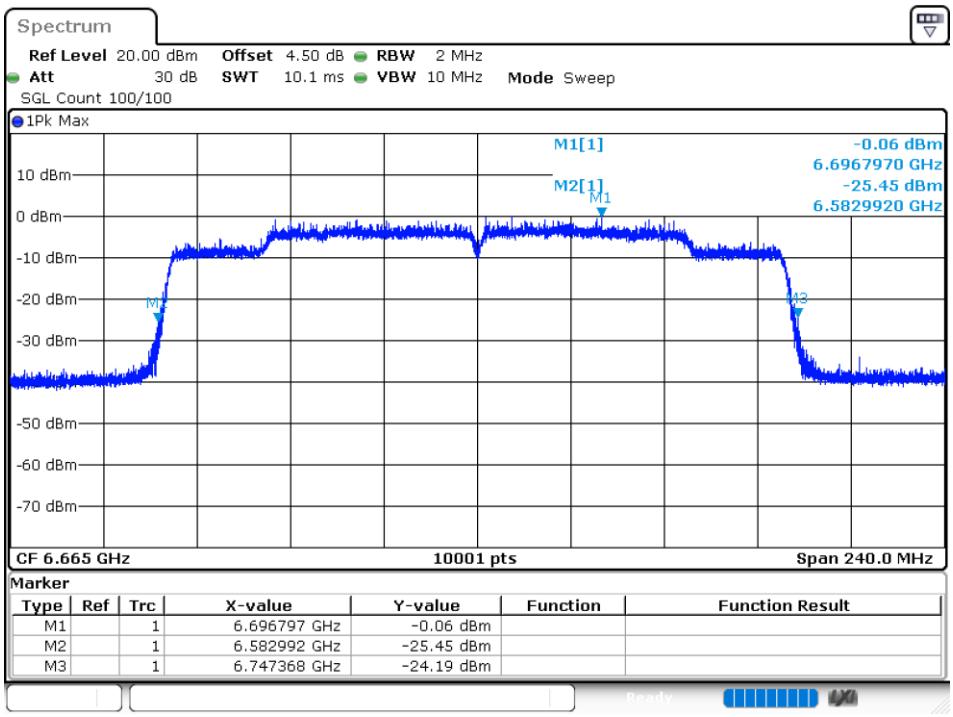
-26dB Bandwidth NVNT ax160 6665MHz Ant1



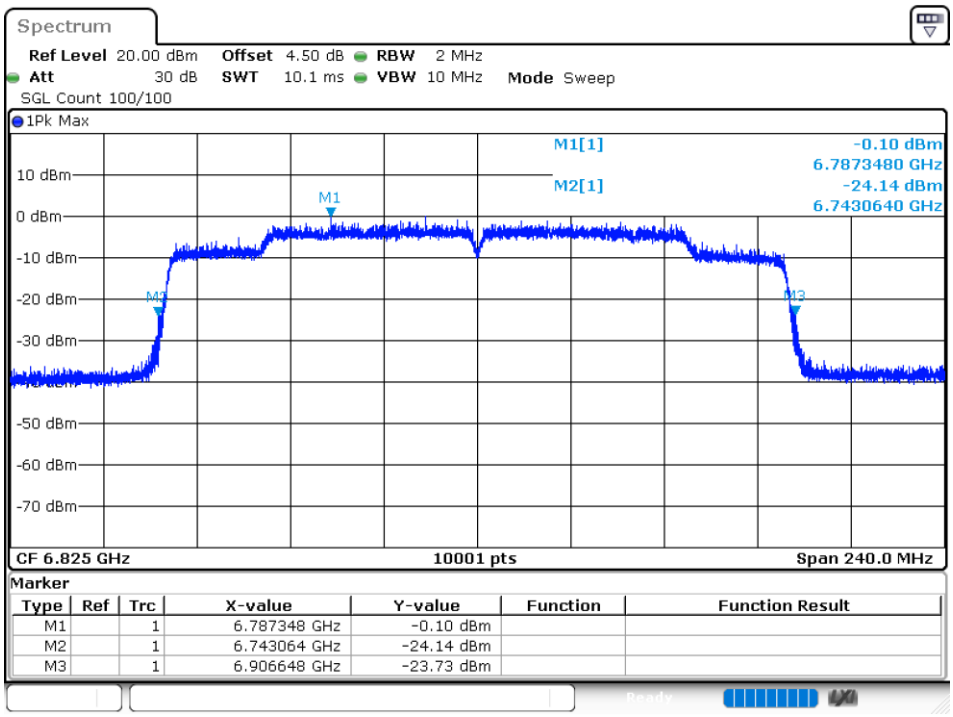
-26dB Bandwidth NVNT ax160 6825MHz Ant1



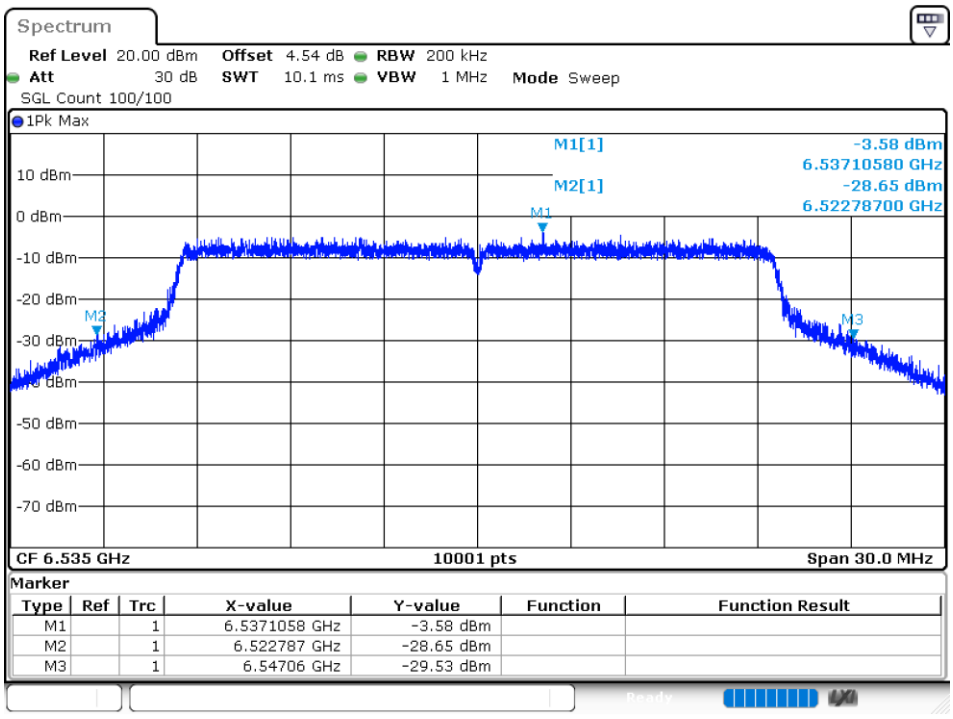
-26dB Bandwidth NVNT ax160 6665MHz Ant2



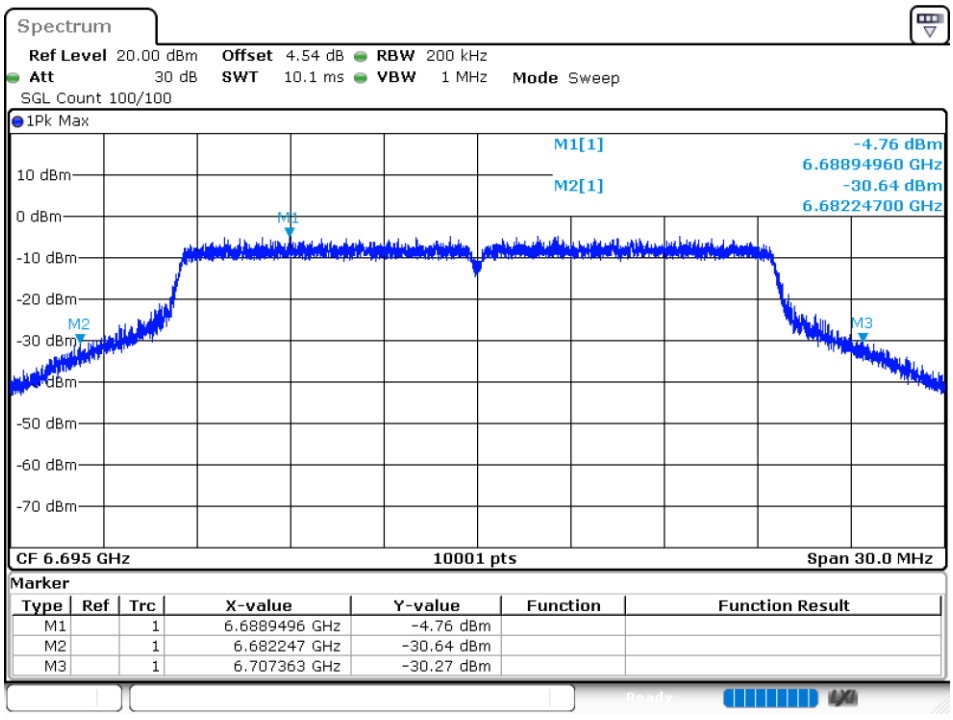
-26dB Bandwidth NVNT ax160 6825MHz Ant2



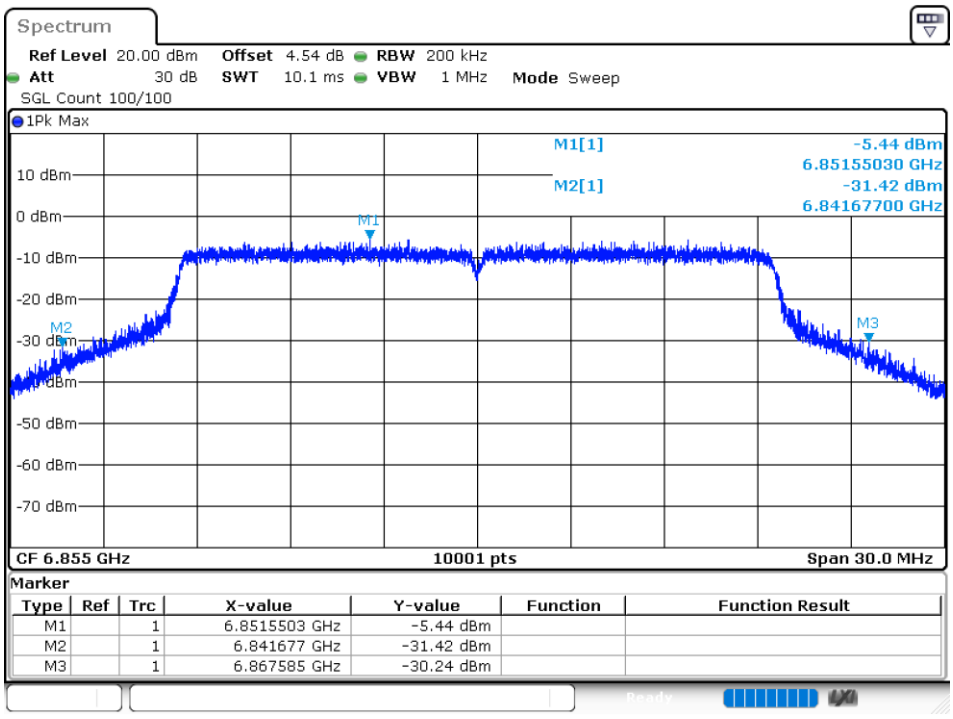
-26dB Bandwidth NVNT ax20 6535MHz Ant1



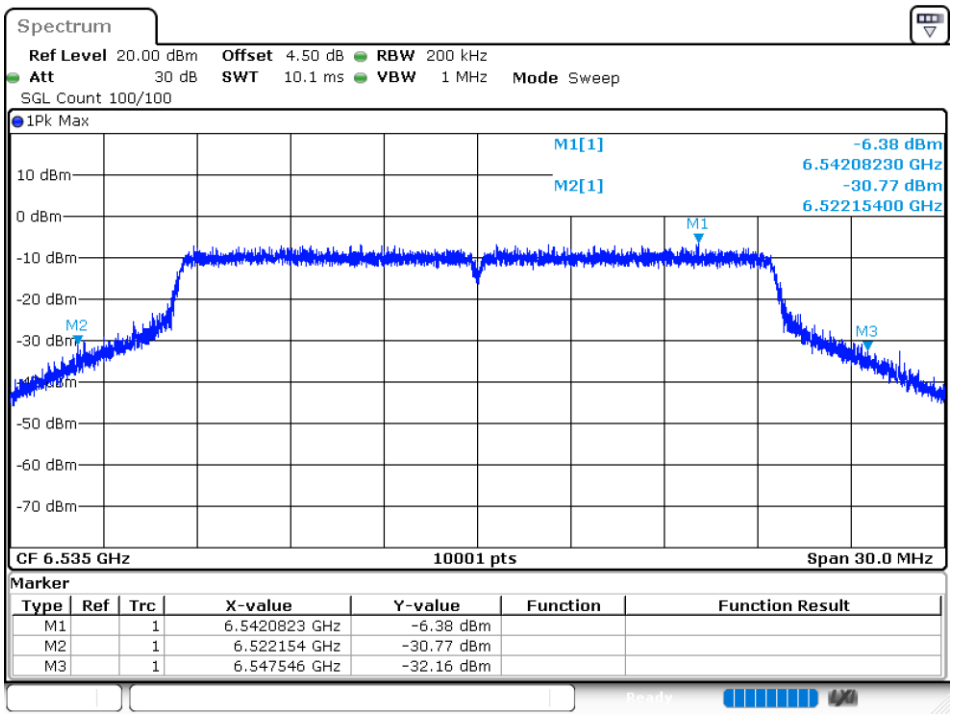
-26dB Bandwidth NVNT ax20 6695MHz Ant1



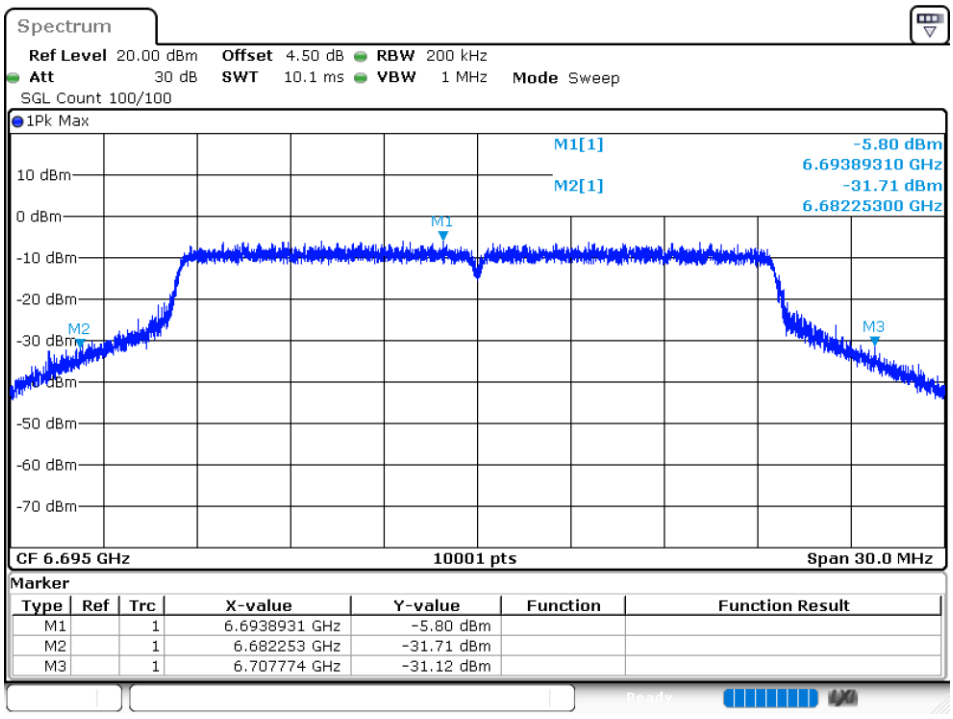
-26dB Bandwidth NVNT ax20 6855MHz Ant1



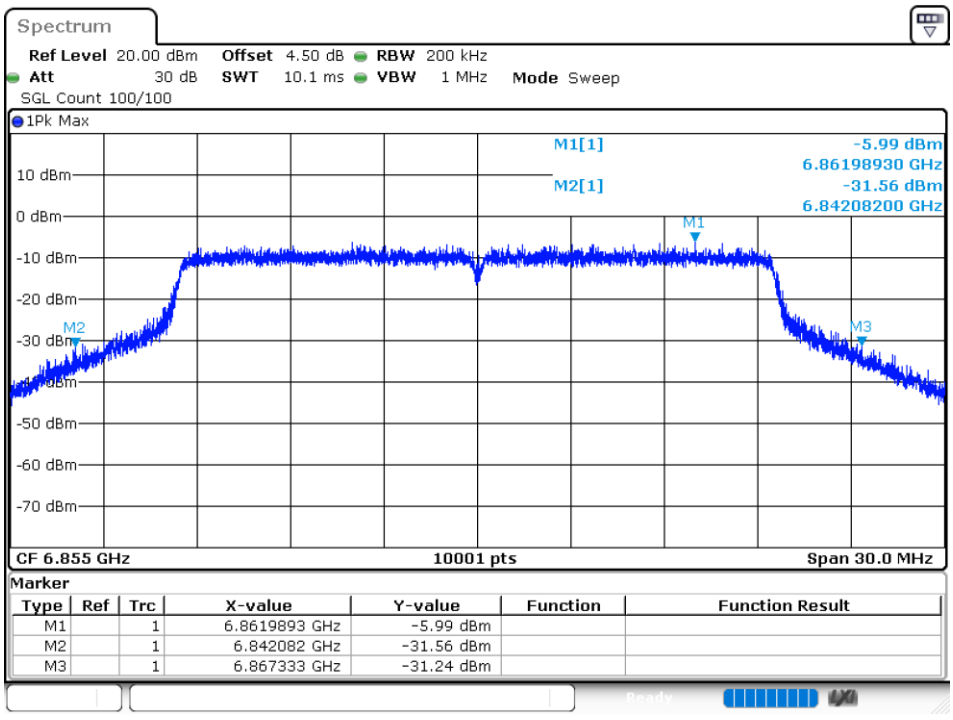
-26dB Bandwidth NVNT ax20 6535MHz Ant2



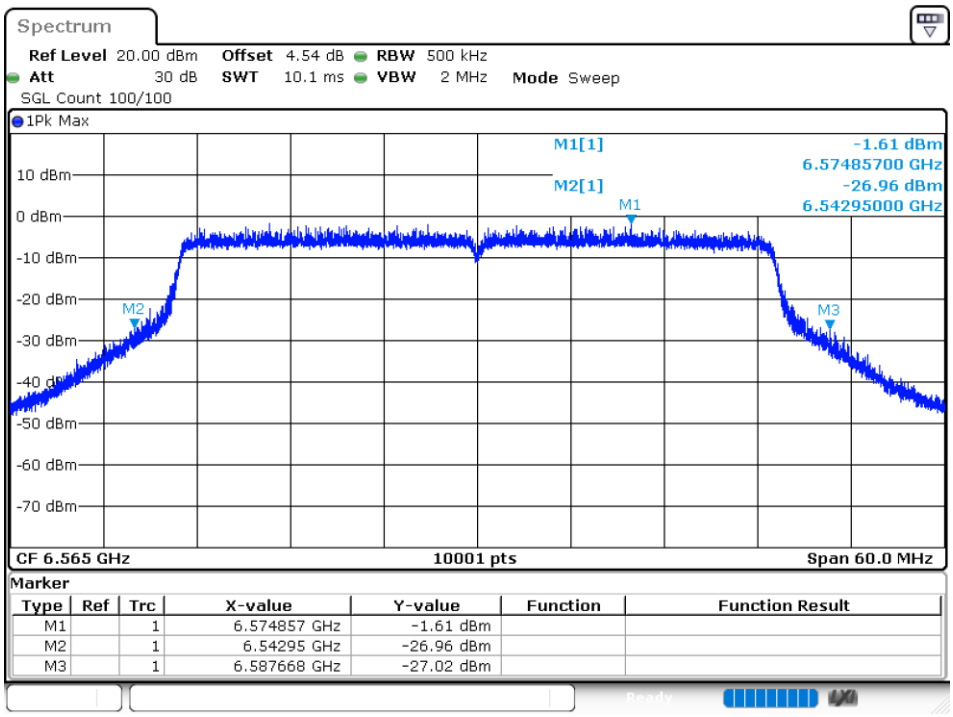
-26dB Bandwidth NVNT ax20 6695MHz Ant2



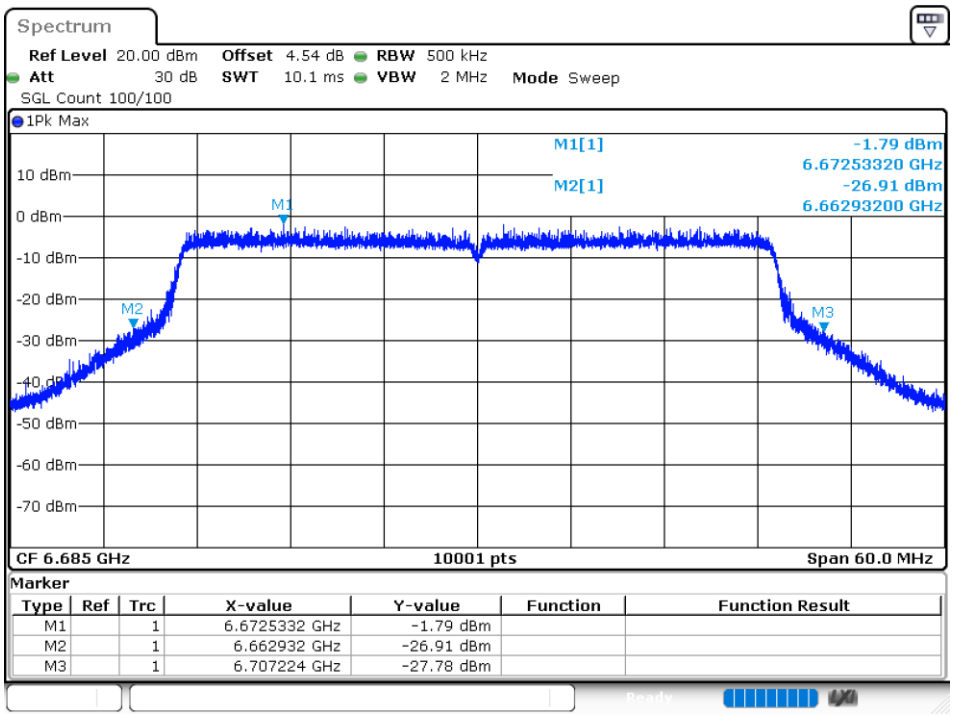
-26dB Bandwidth NVNT ax20 6855MHz Ant2



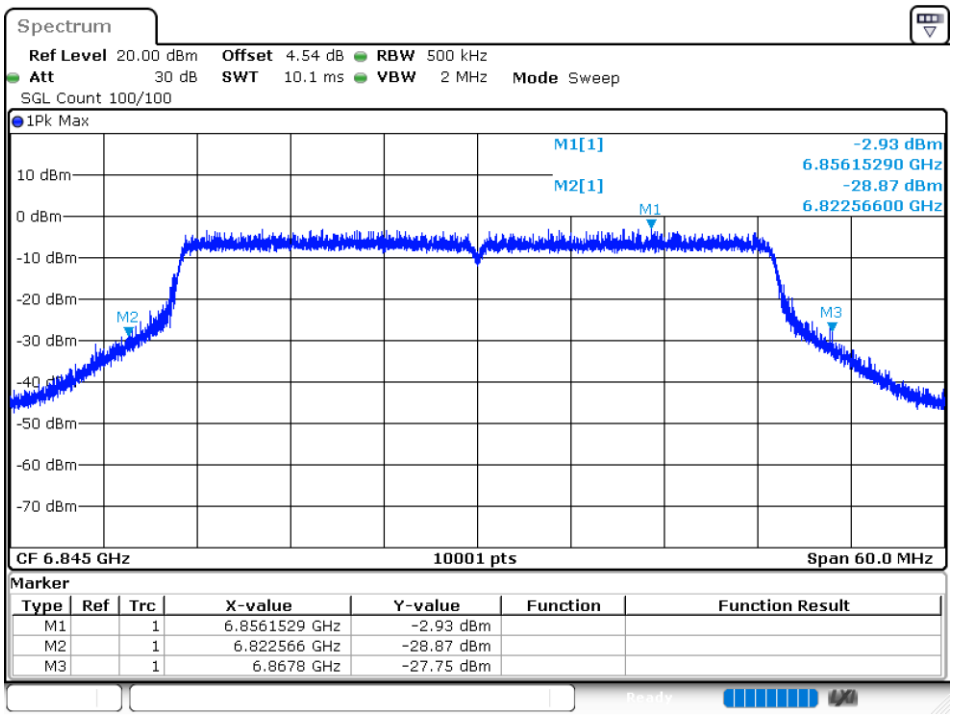
-26dB Bandwidth NVNT ax40 6565MHz Ant1



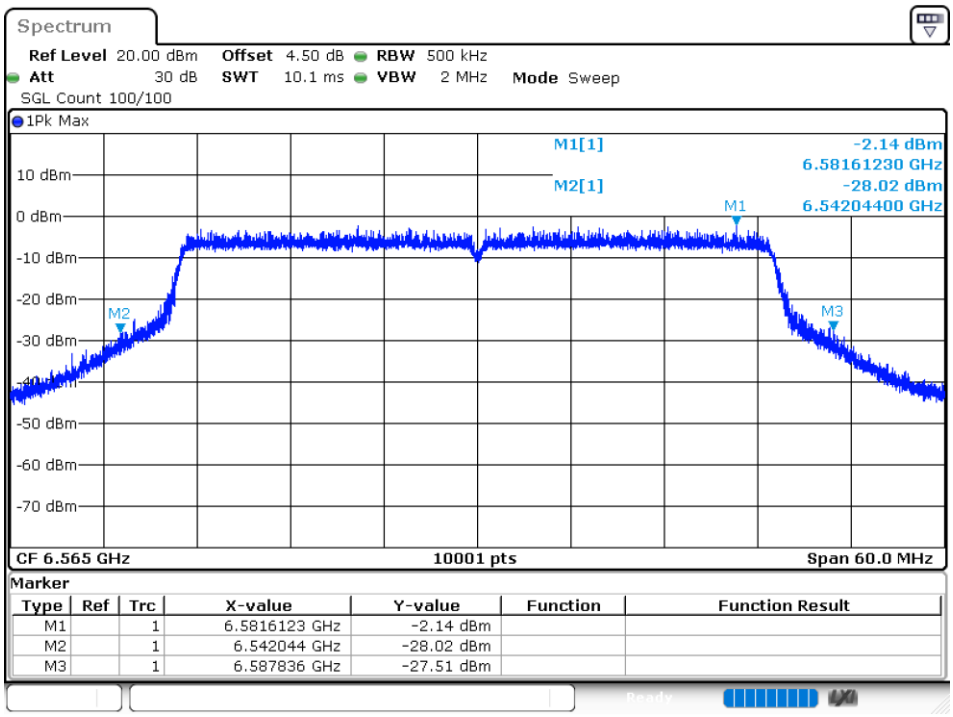
-26dB Bandwidth NVNT ax40 6685MHz Ant1



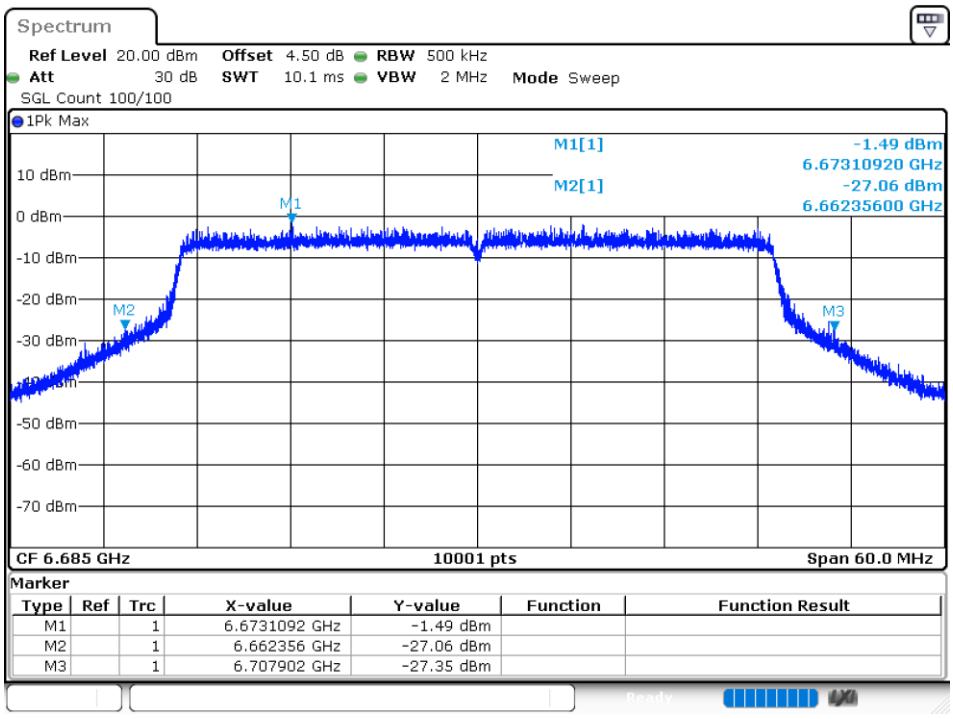
-26dB Bandwidth NVNT ax40 6845MHz Ant1



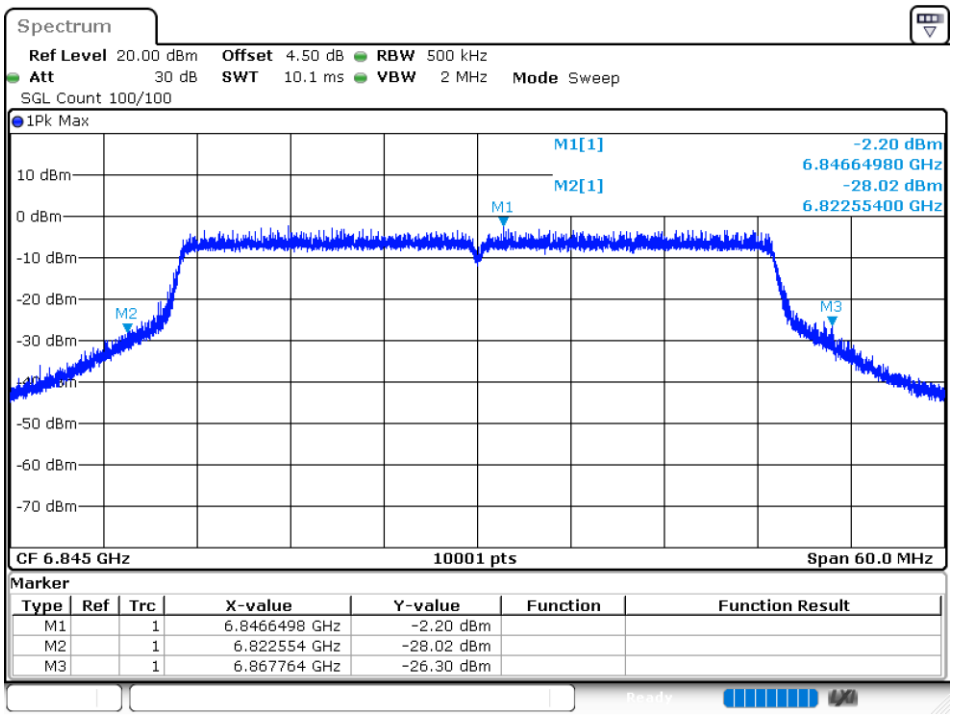
-26dB Bandwidth NVNT ax40 6565MHz Ant2



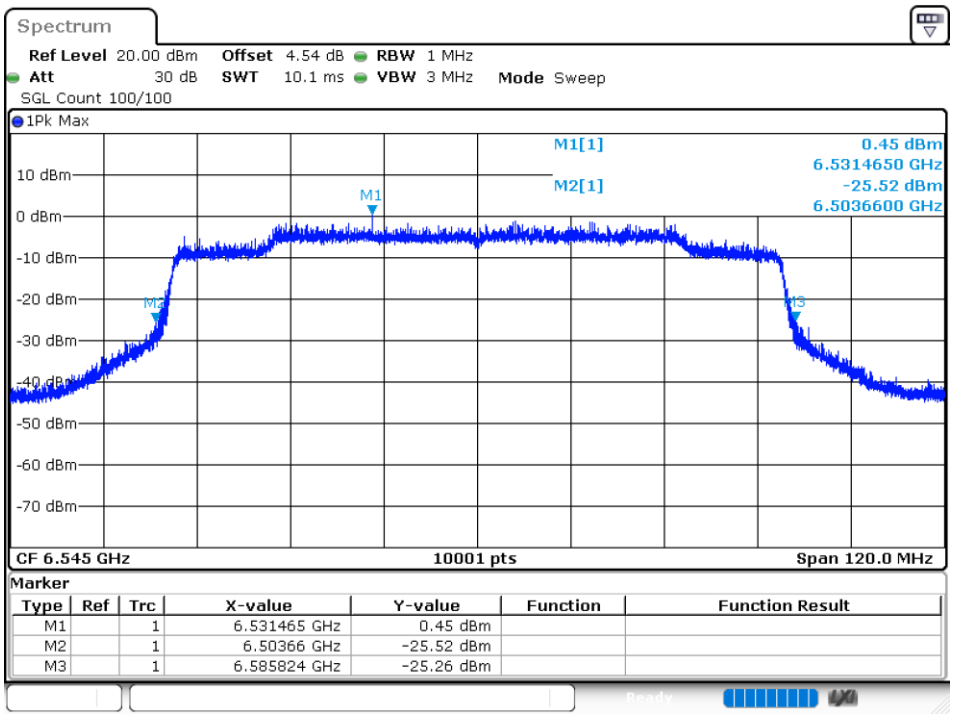
-26dB Bandwidth NVNT ax40 6685MHz Ant2



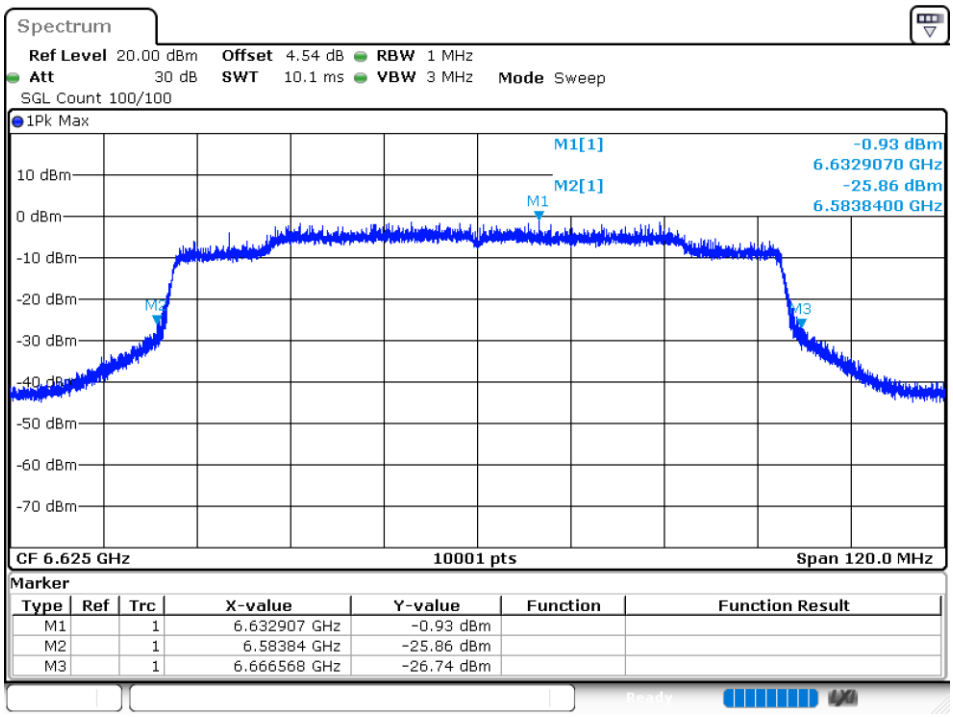
-26dB Bandwidth NVNT ax40 6845MHz Ant2



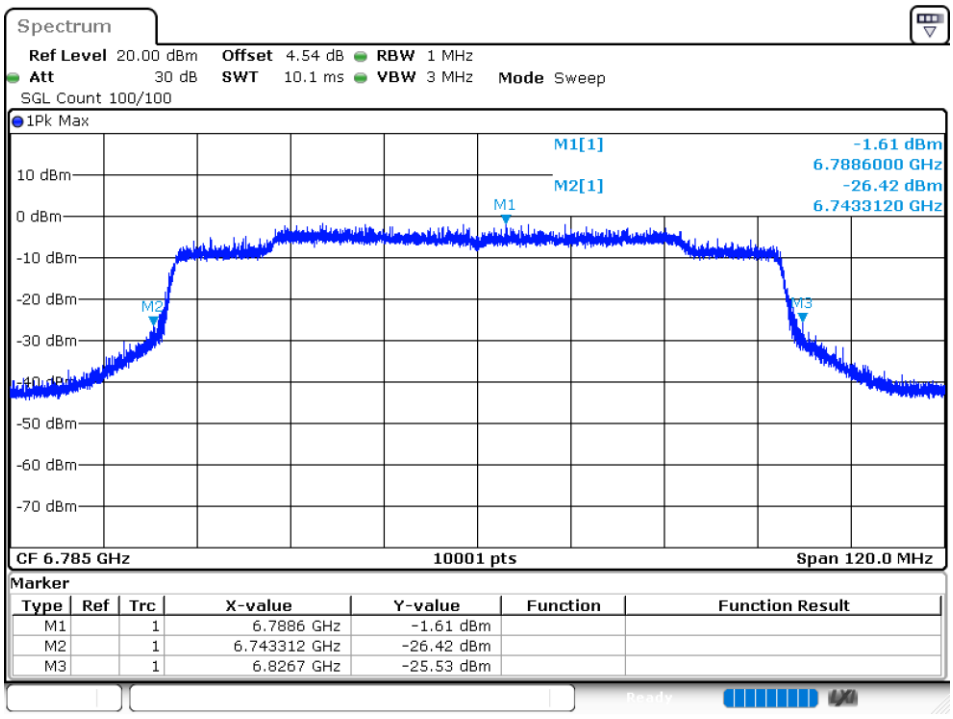
-26dB Bandwidth NVNT ax80 6545MHz Ant1



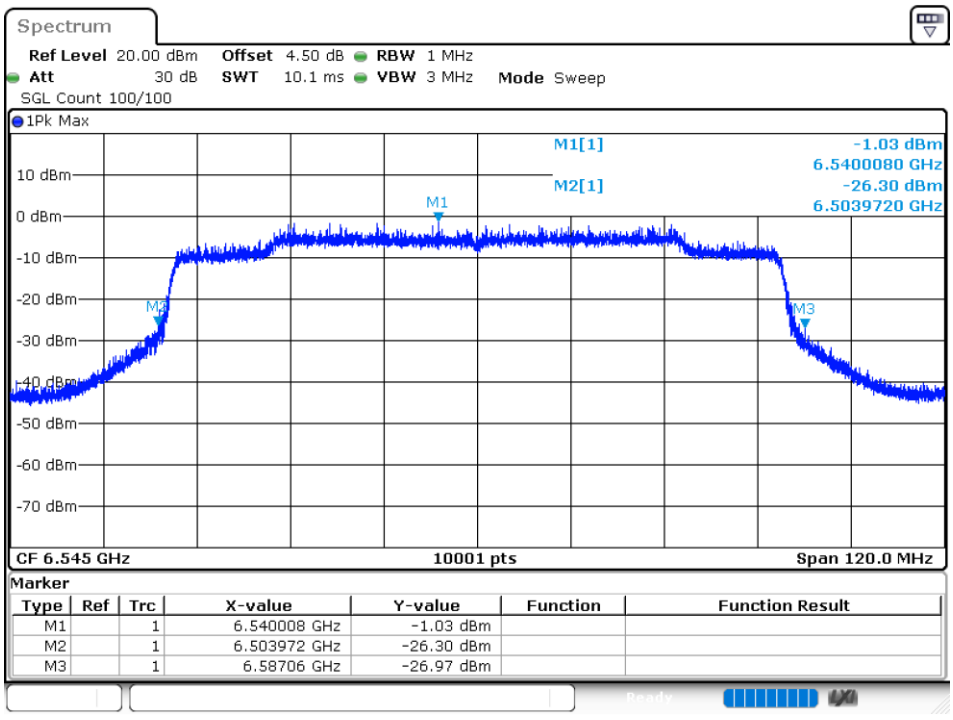
-26dB Bandwidth NVNT ax80 6625MHz Ant1



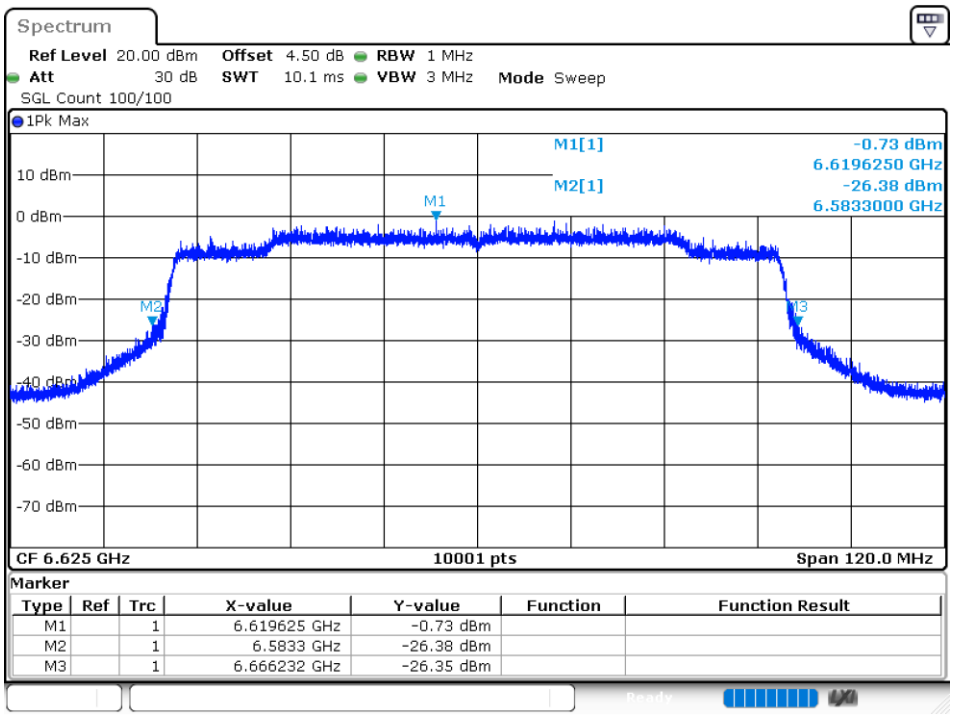
-26dB Bandwidth NVNT ax80 6785MHz Ant1



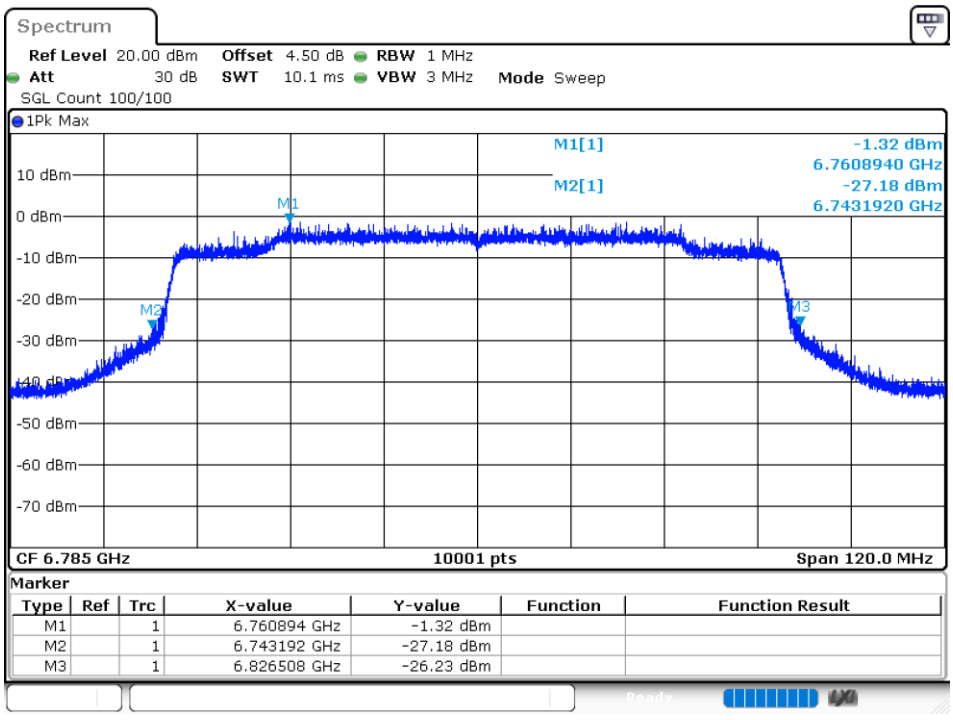
-26dB Bandwidth NVNT ax80 6545MHz Ant2



-26dB Bandwidth NVNT ax80 6625MHz Ant2



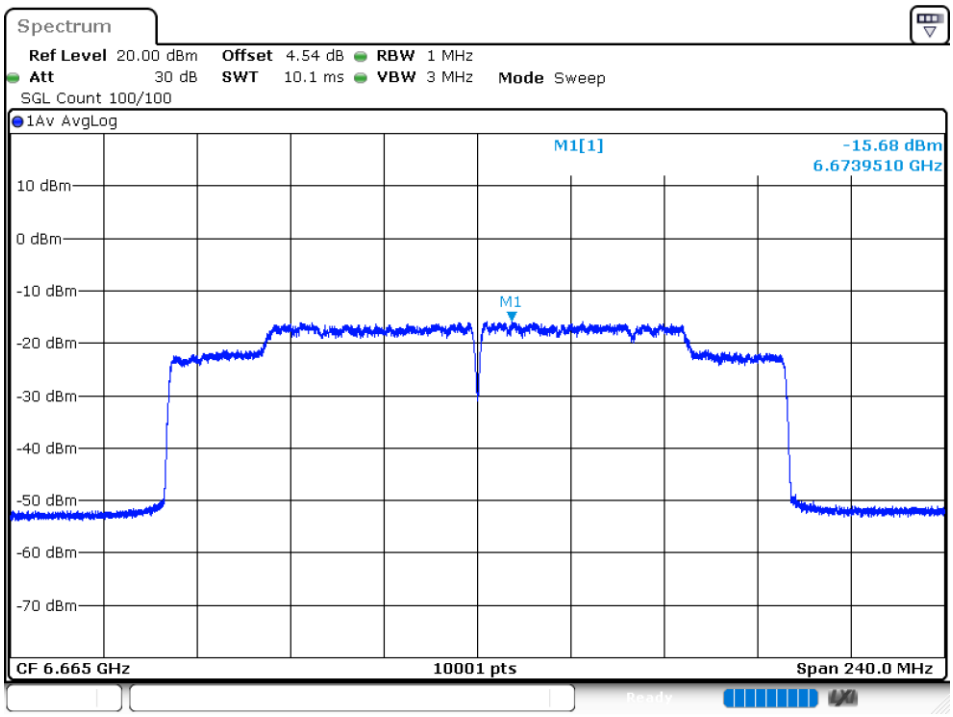
-26dB Bandwidth NVNT ax80 6785MHz Ant2



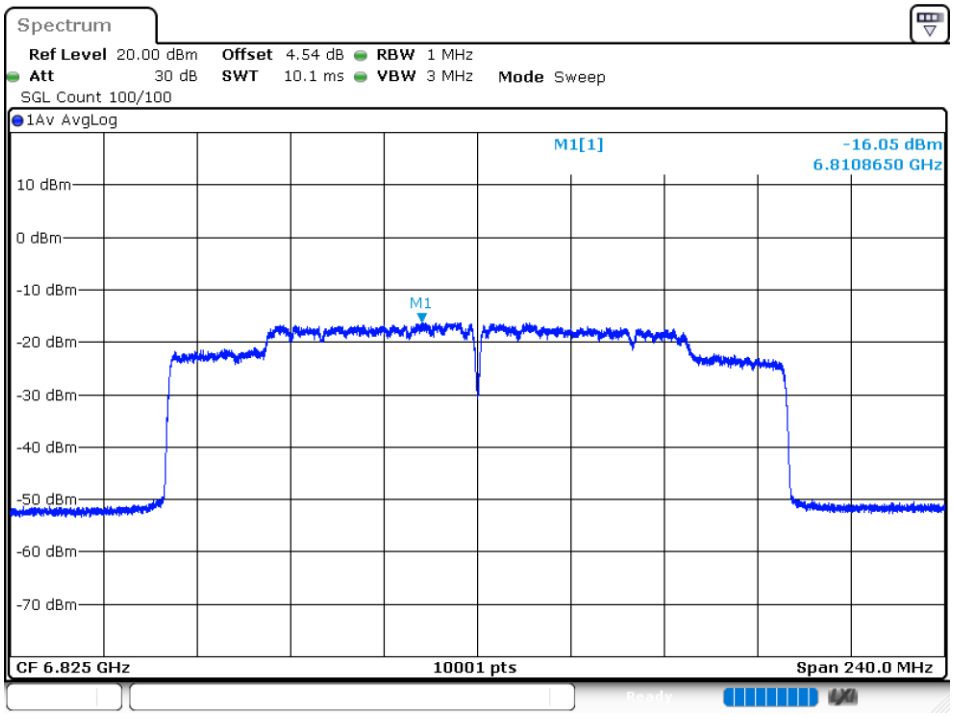
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	-15.68	0	-15.68	4.9	-10.78	-1	Pass
NVNT	ax160	6825	Ant1	-16.05	0	-16.05	4.9	-11.15	-1	Pass
NVNT	ax160	6665	Ant2	-15.53	0	-15.53	4.81	-10.72	-1	Pass
NVNT	ax160	6825	Ant2	-16.15	0	-16.15	4.81	-11.34	-1	Pass
NVNT	ax20	6535	Ant1	-8.19	0	-8.19	4.9	-3.29	-1	Pass
NVNT	ax20	6695	Ant1	-8.4	0	-8.4	4.9	-3.5	-1	Pass
NVNT	ax20	6855	Ant1	-9.32	0.26	-9.06	4.9	-4.16	-1	Pass
NVNT	ax20	6535	Ant2	-10.06	0	-10.06	4.81	-5.25	-1	Pass
NVNT	ax20	6695	Ant2	-9.47	0	-9.47	4.81	-4.66	-1	Pass
NVNT	ax20	6855	Ant2	-9.98	0	-9.98	4.81	-5.17	-1	Pass
NVNT	ax40	6565	Ant1	-10.93	0	-10.93	4.9	-6.03	-1	Pass
NVNT	ax40	6685	Ant1	-10.97	0	-10.97	4.9	-6.07	-1	Pass
NVNT	ax40	6845	Ant1	-11.81	0	-11.81	4.9	-6.91	-1	Pass
NVNT	ax40	6565	Ant2	-11.41	0	-11.41	4.81	-6.6	-1	Pass
NVNT	ax40	6685	Ant2	-11.03	0	-11.03	4.81	-6.22	-1	Pass
NVNT	ax40	6845	Ant2	-11.53	0	-11.53	4.81	-6.72	-1	Pass
NVNT	ax80	6545	Ant1	-13.16	0	-13.16	4.9	-8.26	-1	Pass
NVNT	ax80	6625	Ant1	-13.29	0	-13.29	4.9	-8.39	-1	Pass
NVNT	ax80	6785	Ant1	-13.63	0	-13.63	4.9	-8.73	-1	Pass
NVNT	ax80	6545	Ant2	-14.15	0	-14.15	4.81	-9.34	-1	Pass
NVNT	ax80	6625	Ant2	-13.76	0	-13.76	4.81	-8.95	-1	Pass
NVNT	ax80	6785	Ant2	-13.64	0	-13.64	4.81	-8.83	-1	Pass

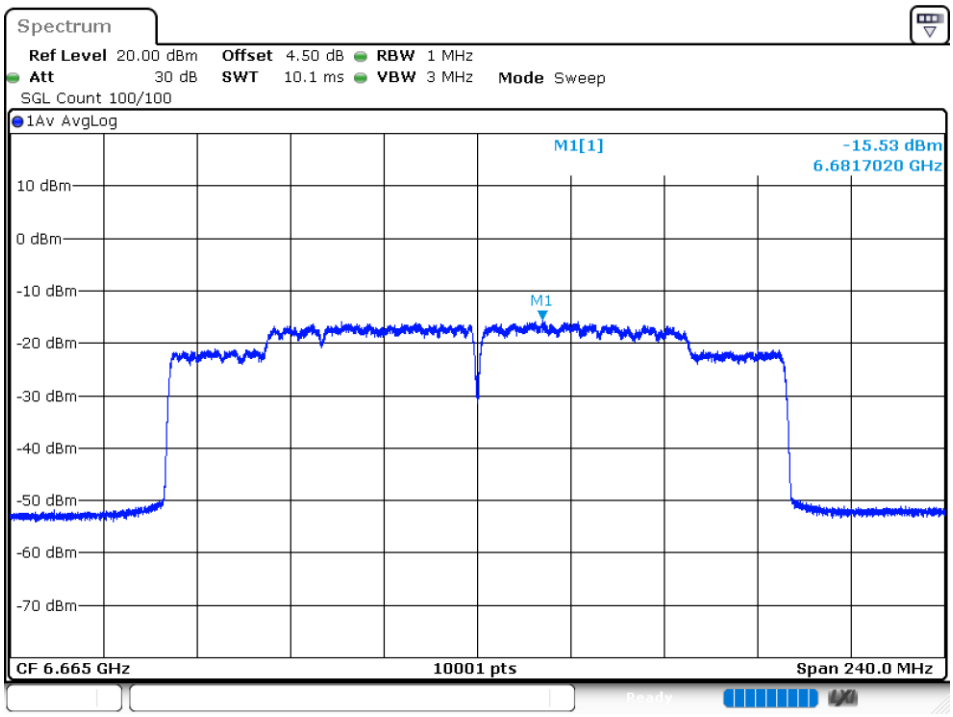
Test Graphs
PSD NVNT ax160 6665MHz Ant1



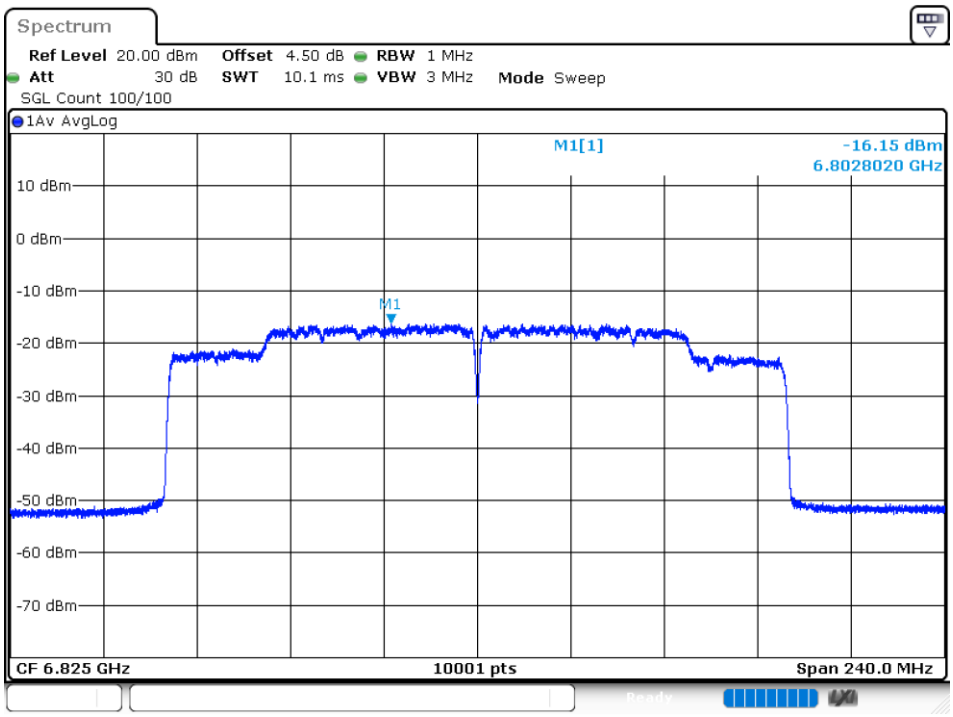
PSD NVNT ax160 6825MHz Ant1



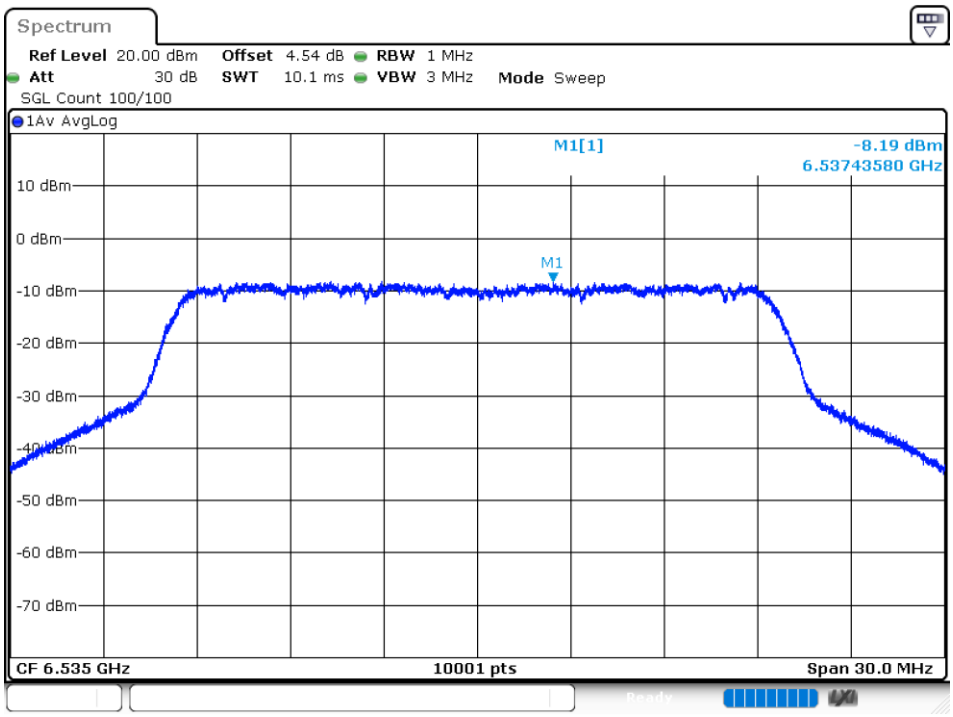
PSD NVNT ax160 6665MHz Ant2



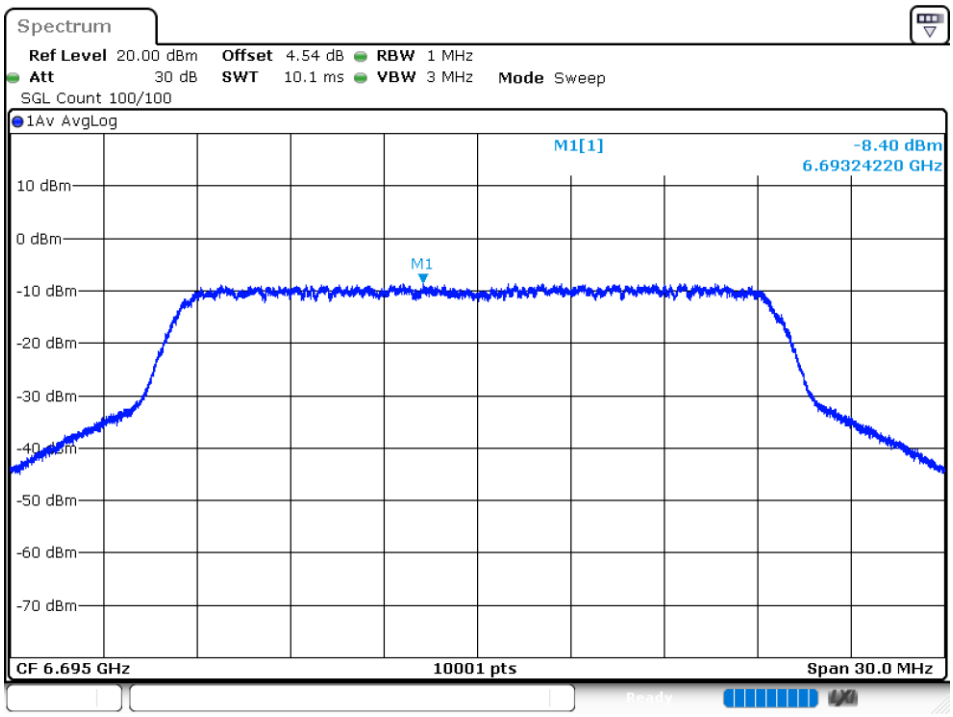
PSD NVNT ax160 6825MHz Ant2



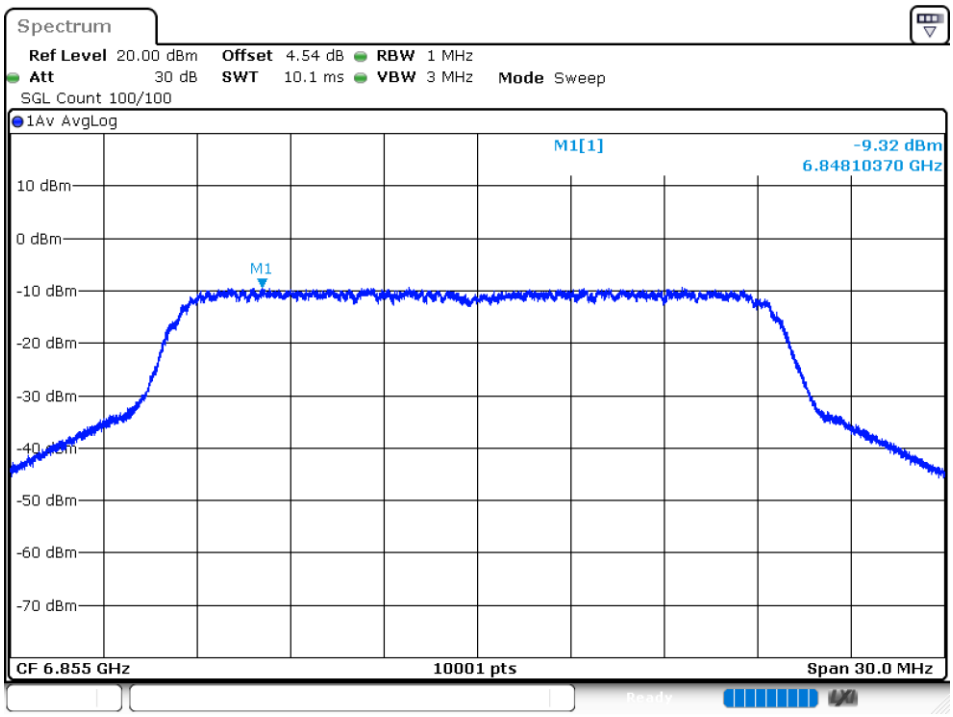
PSD NVNT ax20 6535MHz Ant1



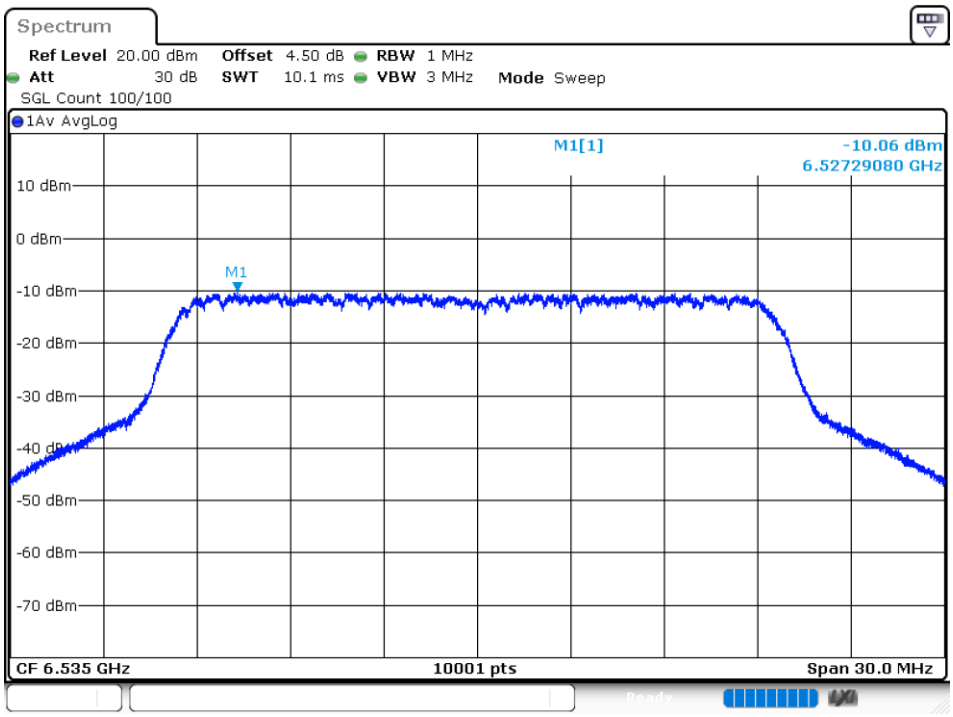
PSD NVNT ax20 6695MHz Ant1



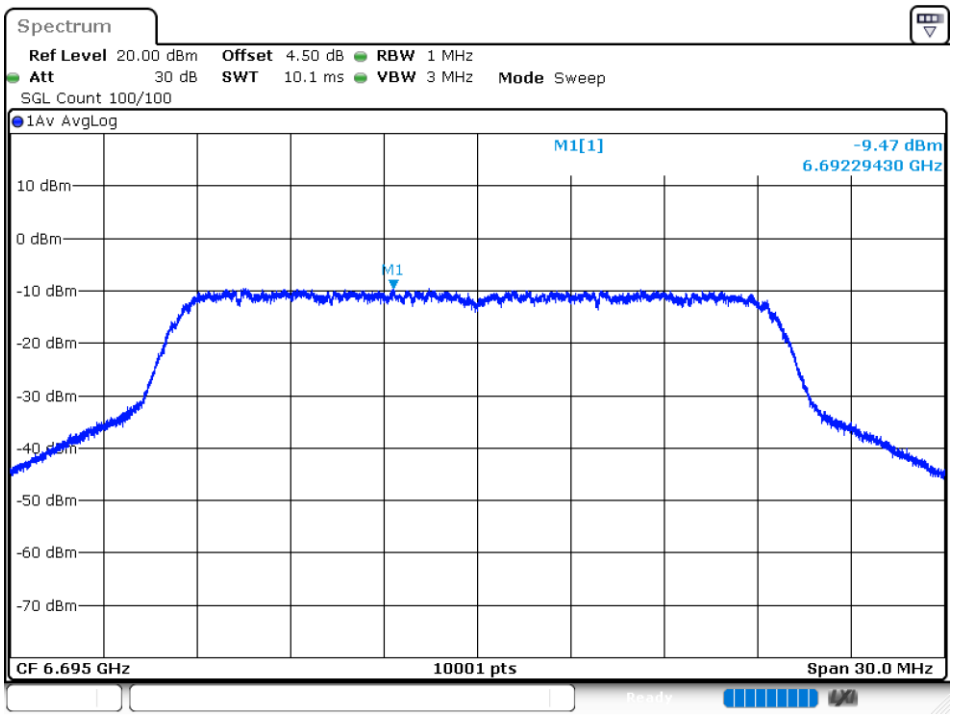
PSD NVNT ax20 6855MHz Ant1



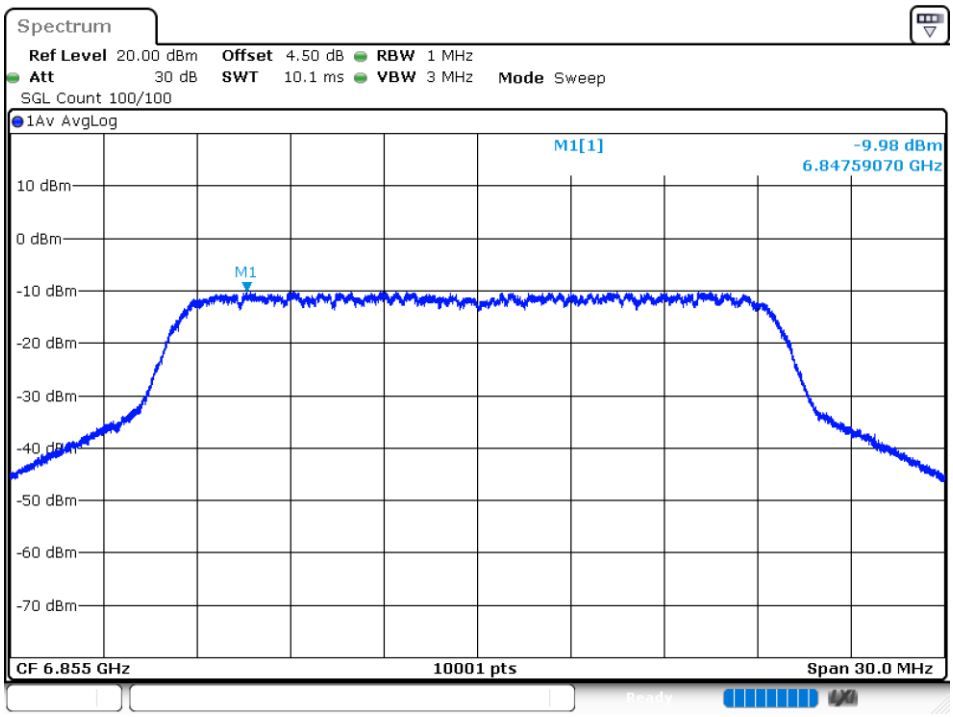
PSD NVNT ax20 6535MHz Ant2



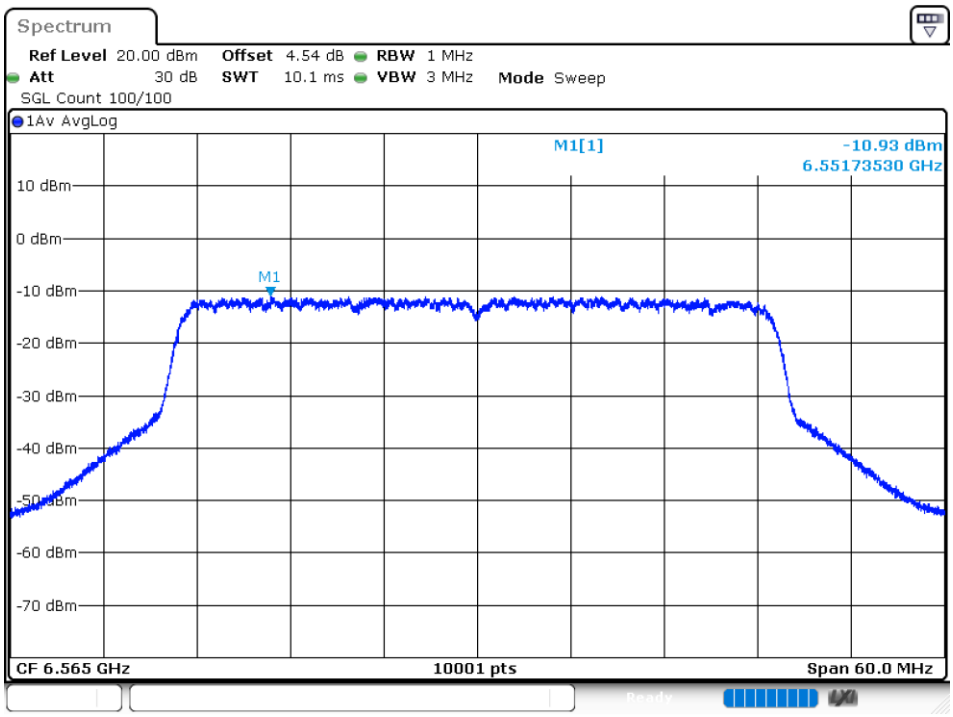
PSD NVNT ax20 6695MHz Ant2



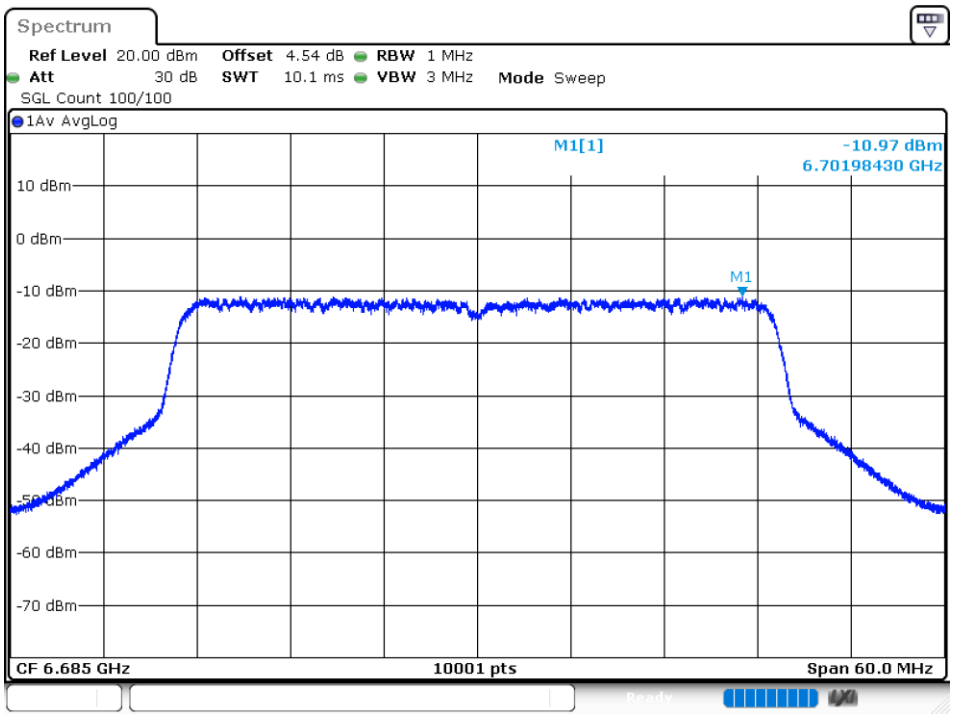
PSD NVNT ax20 6855MHz Ant2



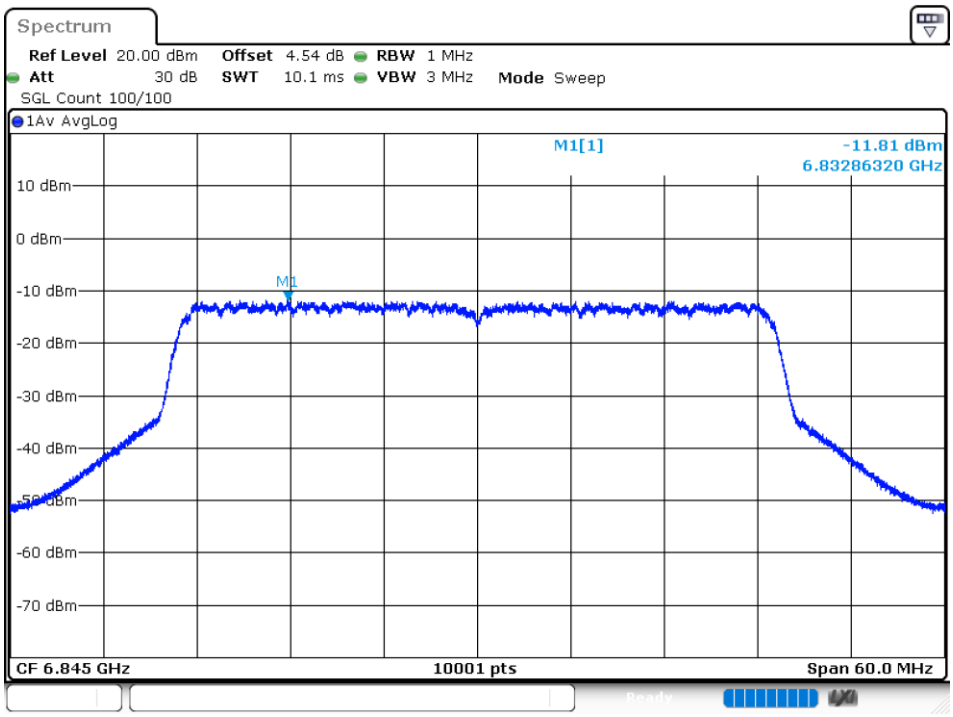
PSD NVNT ax40 6565MHz Ant1



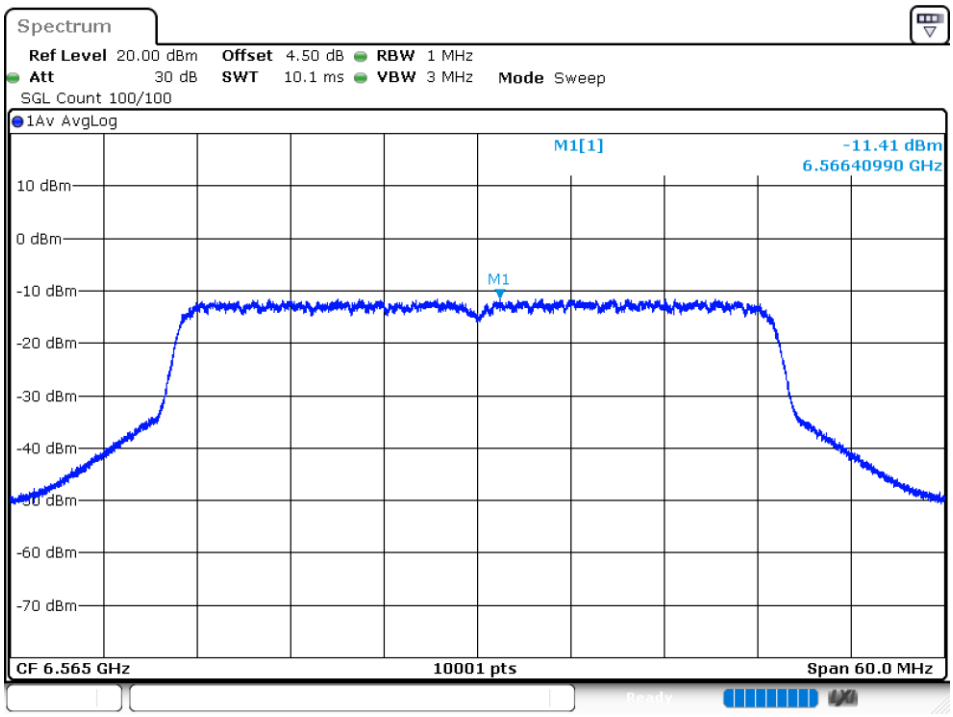
PSD NVNT ax40 6685MHz Ant1



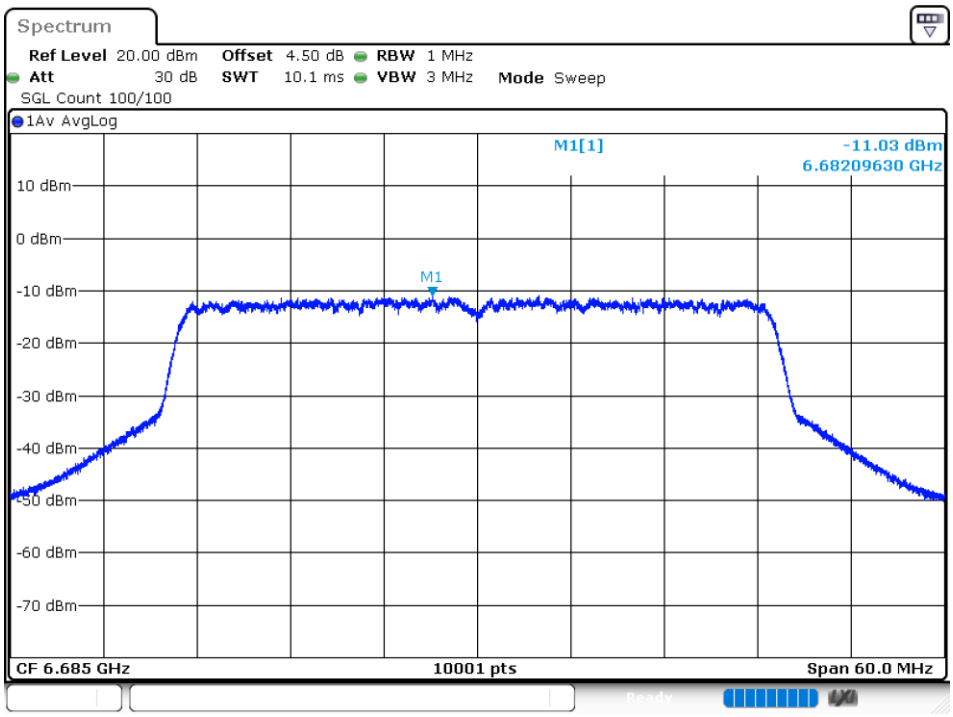
PSD NVNT ax40 6845MHz Ant1



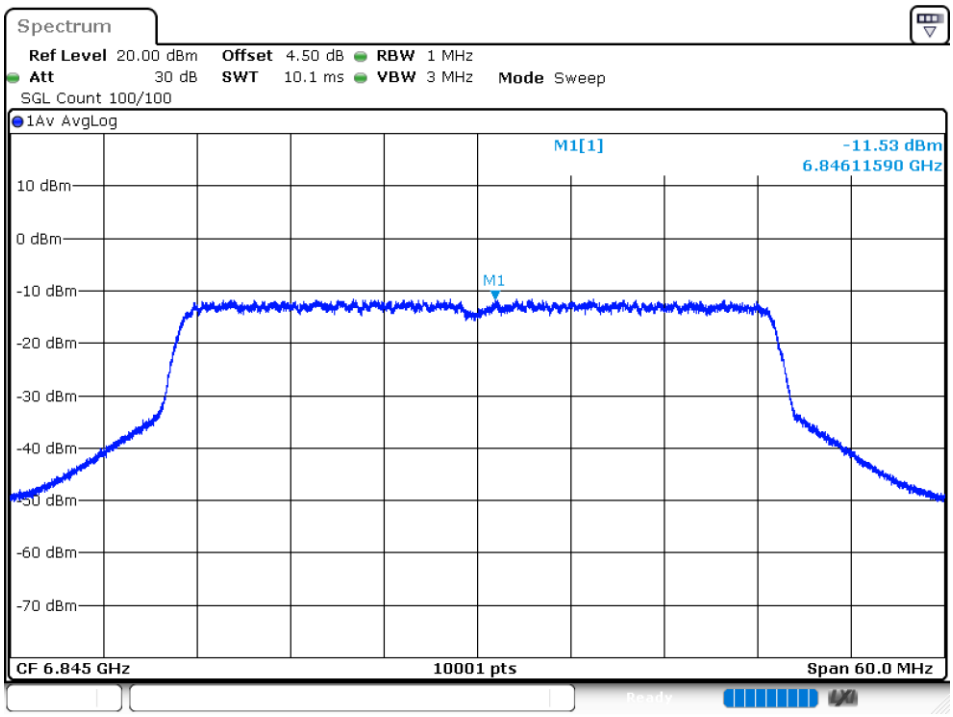
PSD NVNT ax40 6565MHz Ant2



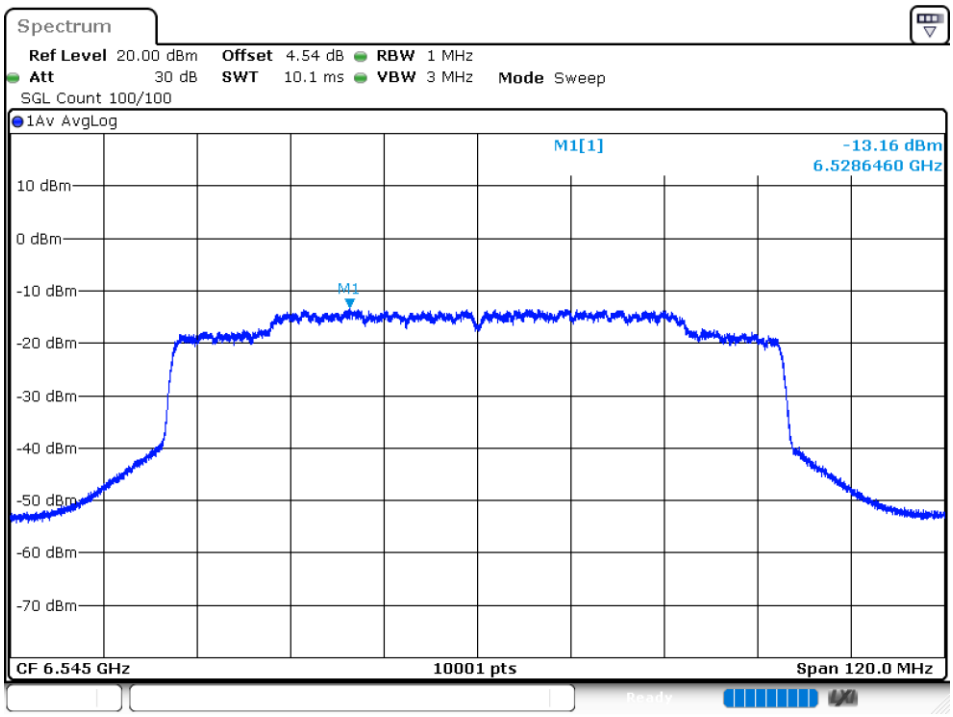
PSD NVNT ax40 6685MHz Ant2



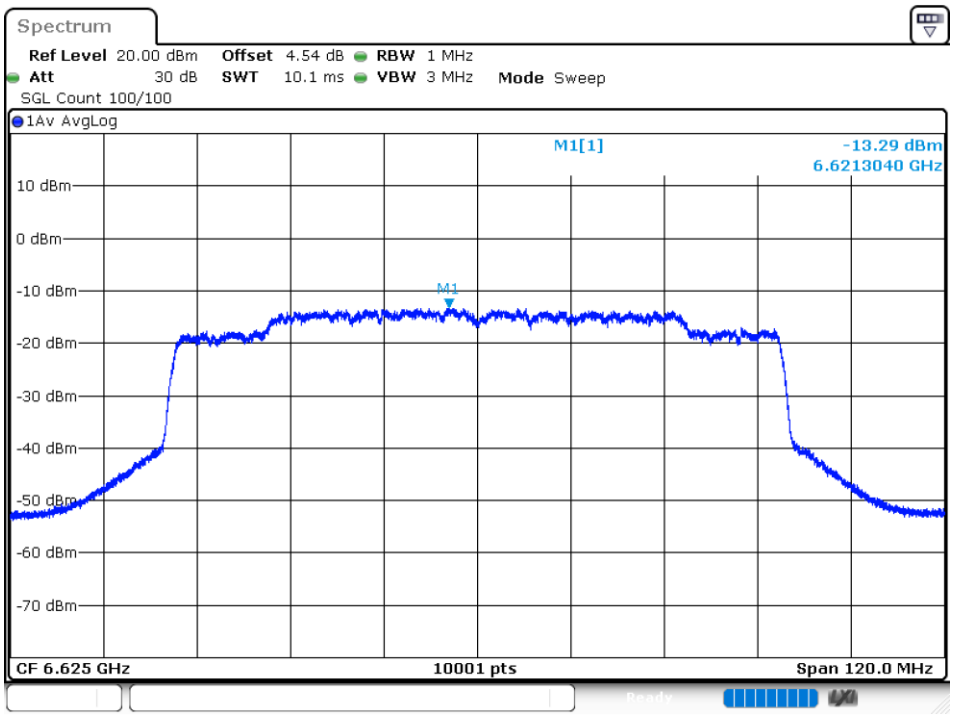
PSD NVNT ax40 6845MHz Ant2



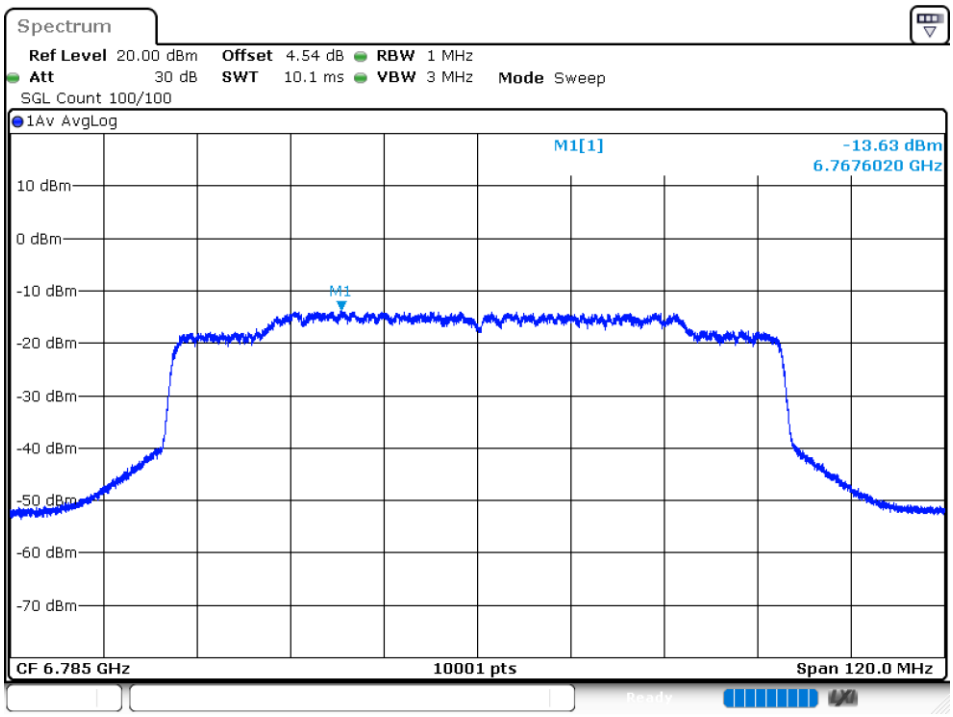
PSD NVNT ax80 6545MHz Ant1



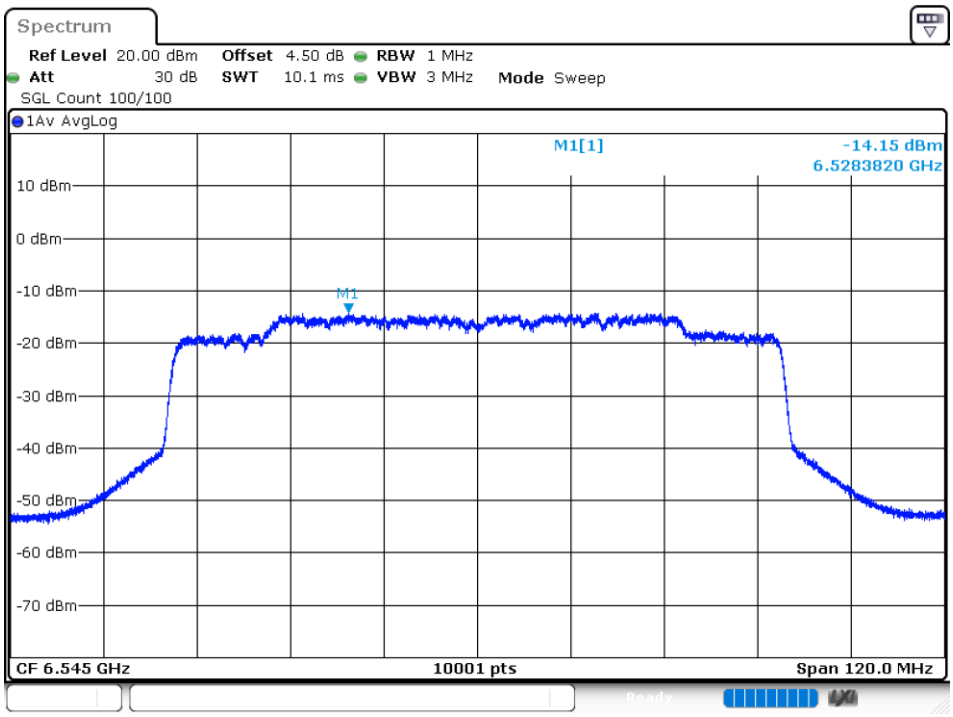
PSD NVNT ax80 6625MHz Ant1



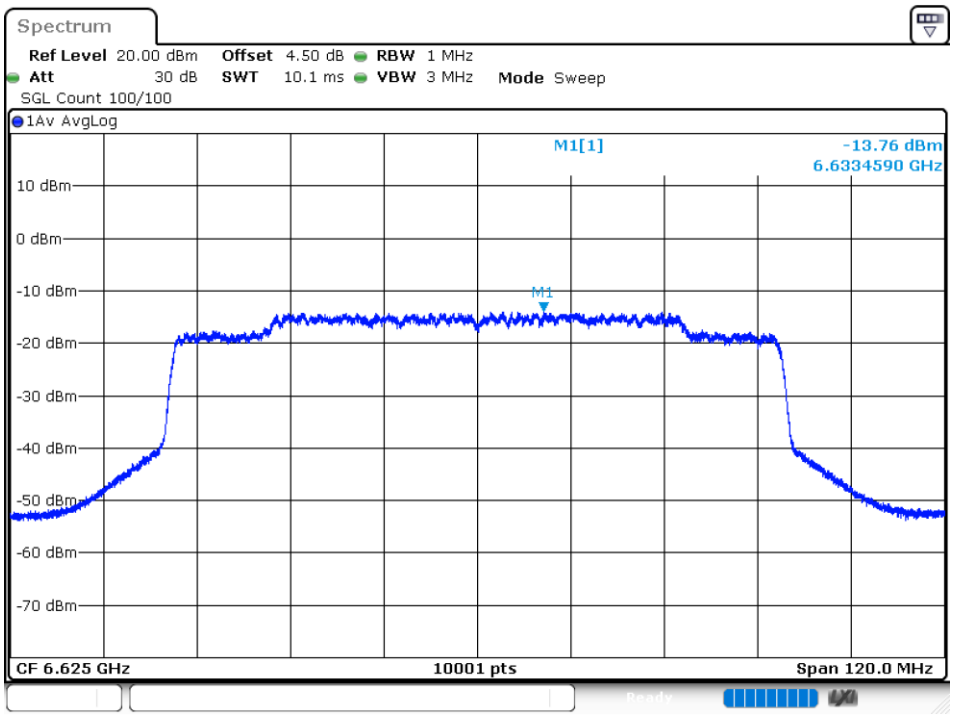
PSD NVNT ax80 6785MHz Ant1



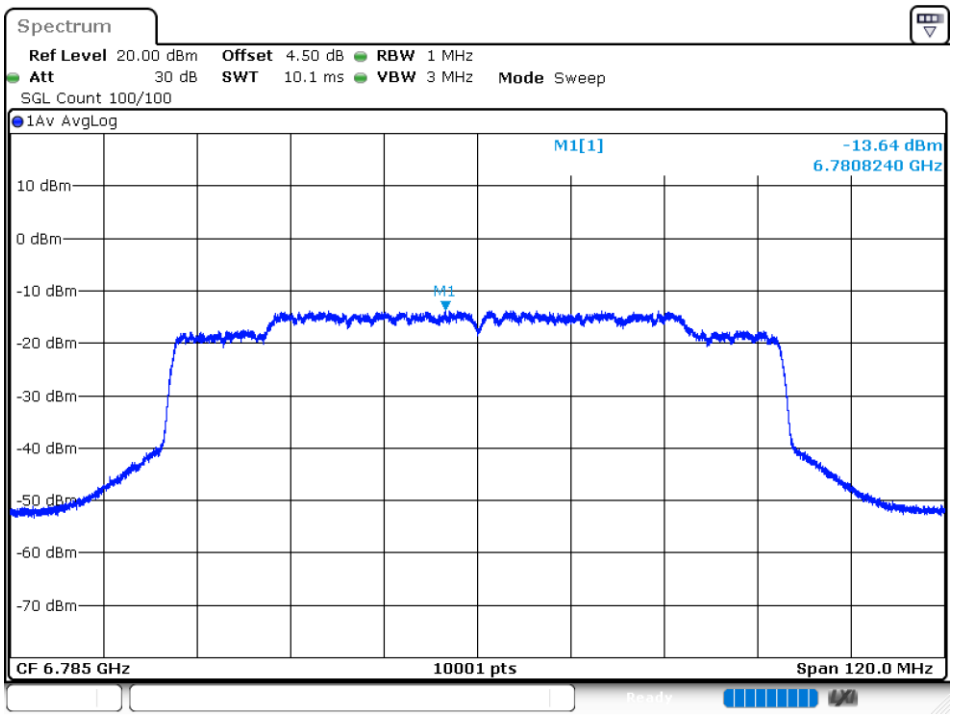
PSD NVNT ax80 6545MHz Ant2



PSD NVNT ax80 6625MHz Ant2



PSD NVNT ax80 6785MHz Ant2

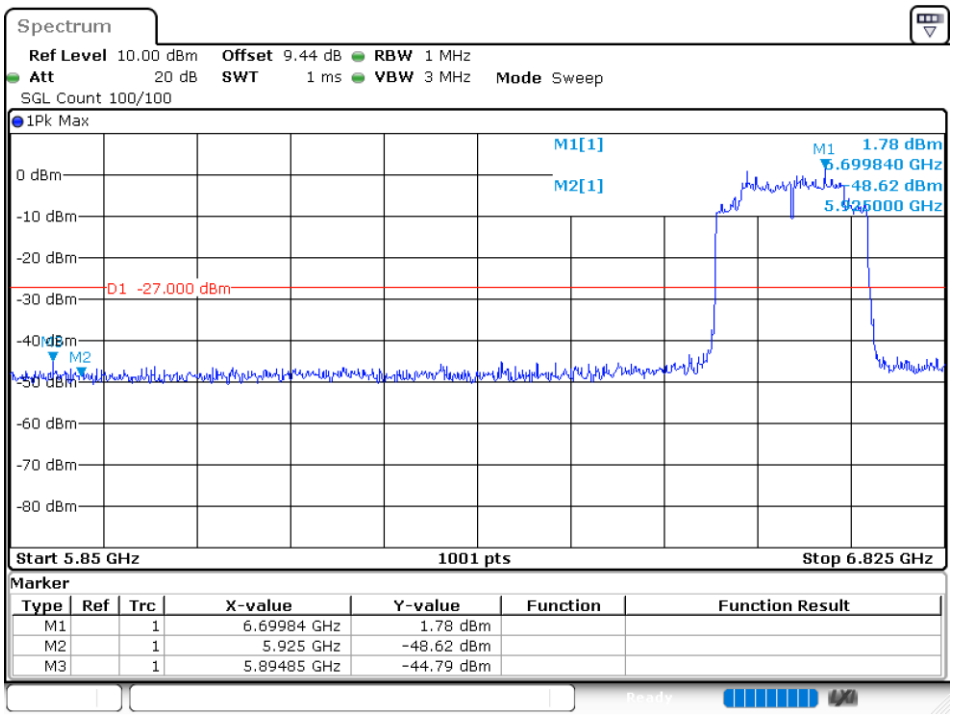


Band Edge

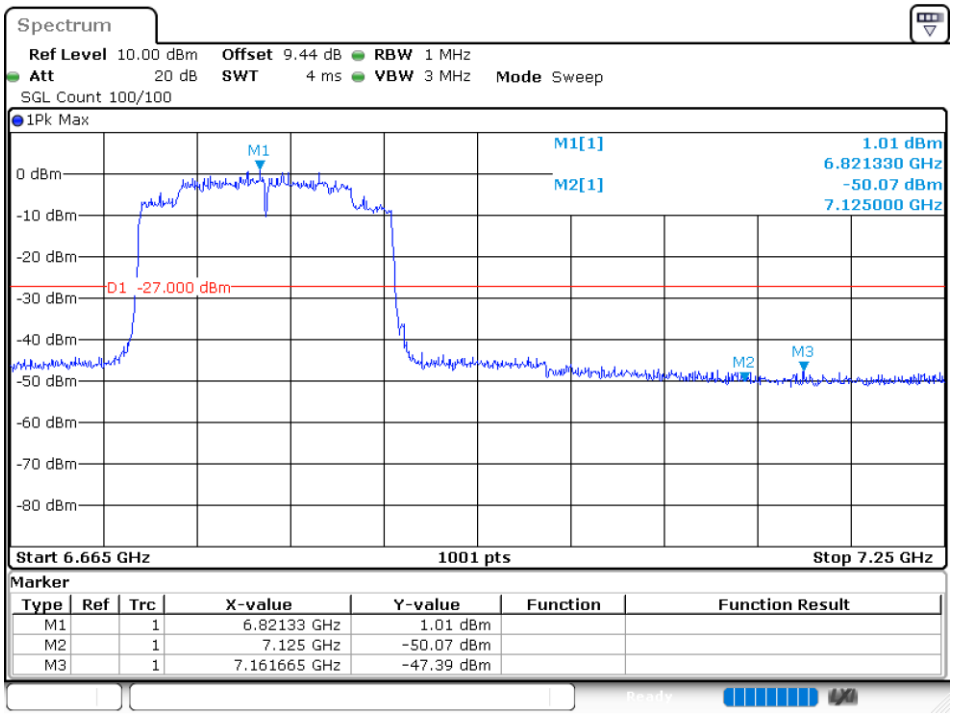
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	-44.79	-27	Pass
NVNT	ax160	6825	Ant1	-47.38	-27	Pass
NVNT	ax160	6665	Ant2	-47.13	-27	Pass
NVNT	ax160	6825	Ant2	-47.82	-27	Pass
NVNT	ax20	6535	Ant1	-46.48	-27	Pass
NVNT	ax20	6855	Ant1	-45.67	-27	Pass
NVNT	ax20	6535	Ant2	-45.67	-27	Pass
NVNT	ax20	6855	Ant2	-47.18	-27	Pass
NVNT	ax40	6565	Ant1	-45.23	-27	Pass
NVNT	ax40	6845	Ant1	-47.71	-27	Pass
NVNT	ax40	6565	Ant2	-46.66	-27	Pass
NVNT	ax40	6845	Ant2	-46.66	-27	Pass
NVNT	ax80	6545	Ant1	-45.29	-27	Pass
NVNT	ax80	6785	Ant1	-47.64	-27	Pass
NVNT	ax80	6545	Ant2	-46.53	-27	Pass
NVNT	ax80	6785	Ant2	-48.25	-27	Pass

Test Graphs

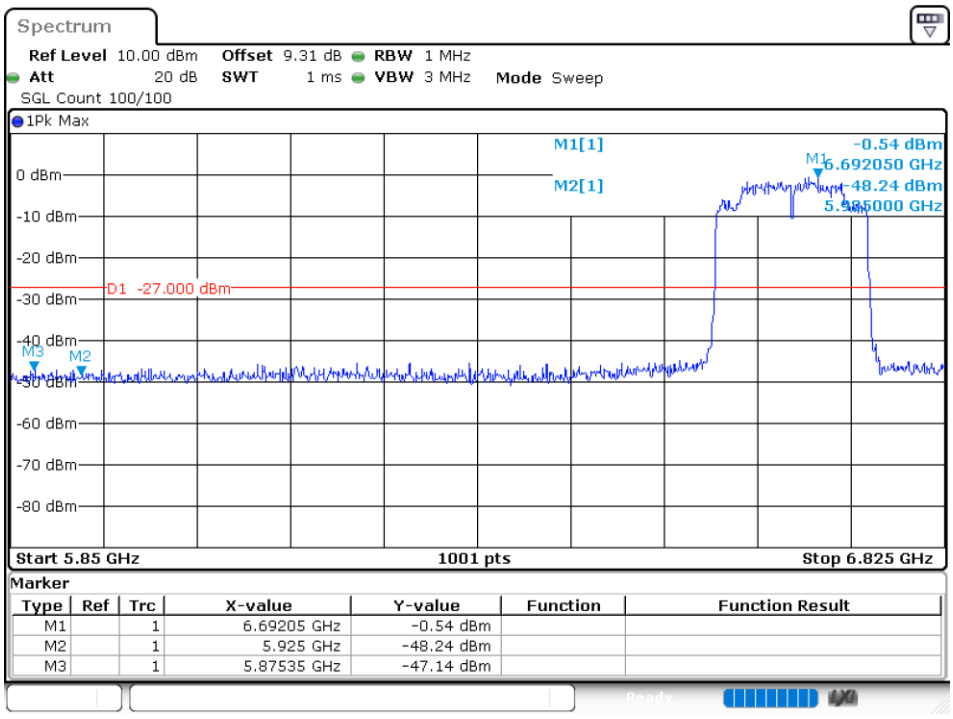
Band Edge NVNT ax160 6665MHz Low Ant1



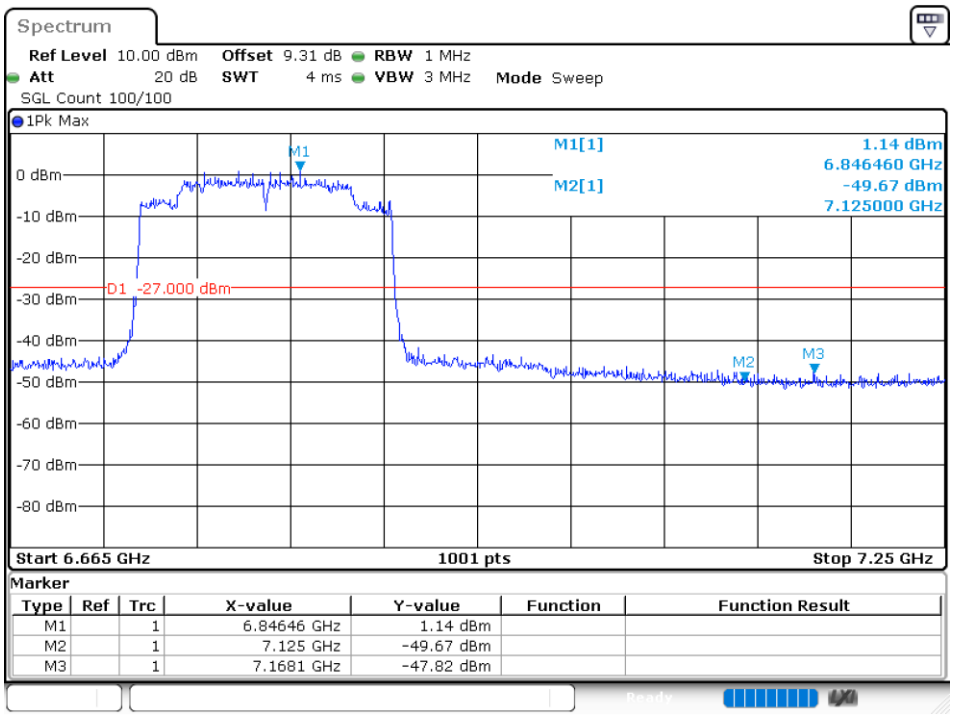
Band Edge NVNT ax160 6825MHz High Ant1



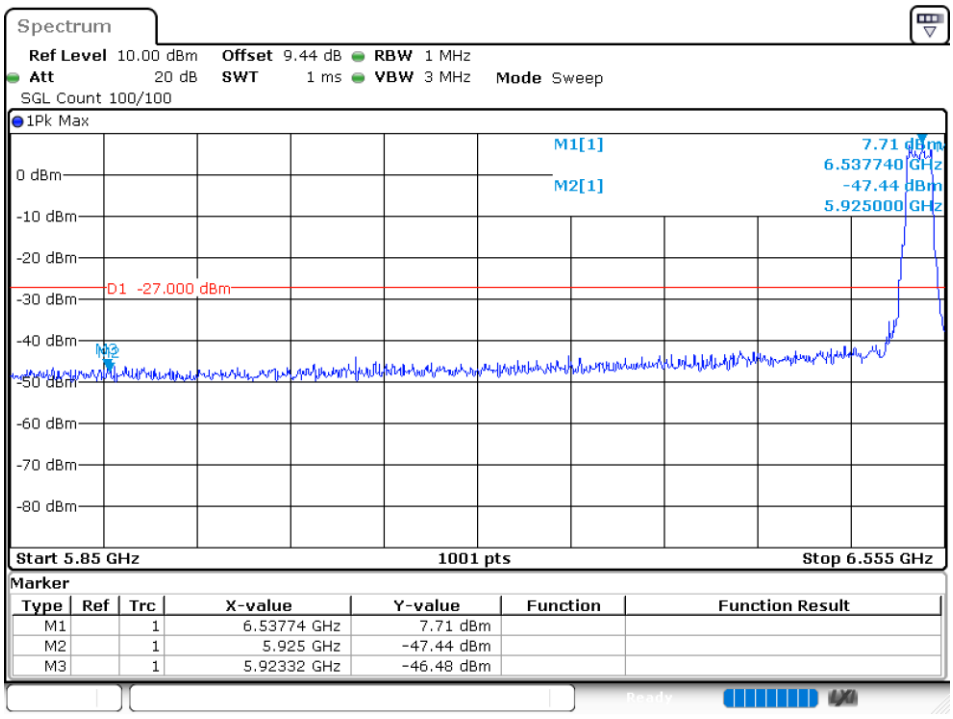
Band Edge NVNT ax160 6665MHz Low Ant2



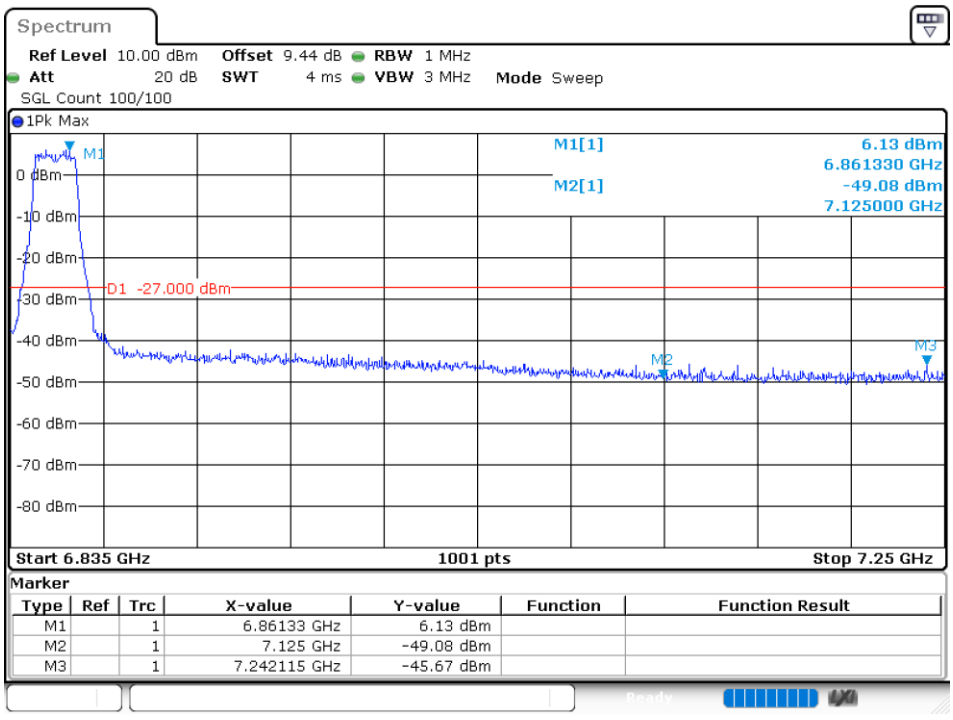
Band Edge NVNT ax160 6825MHz High Ant2



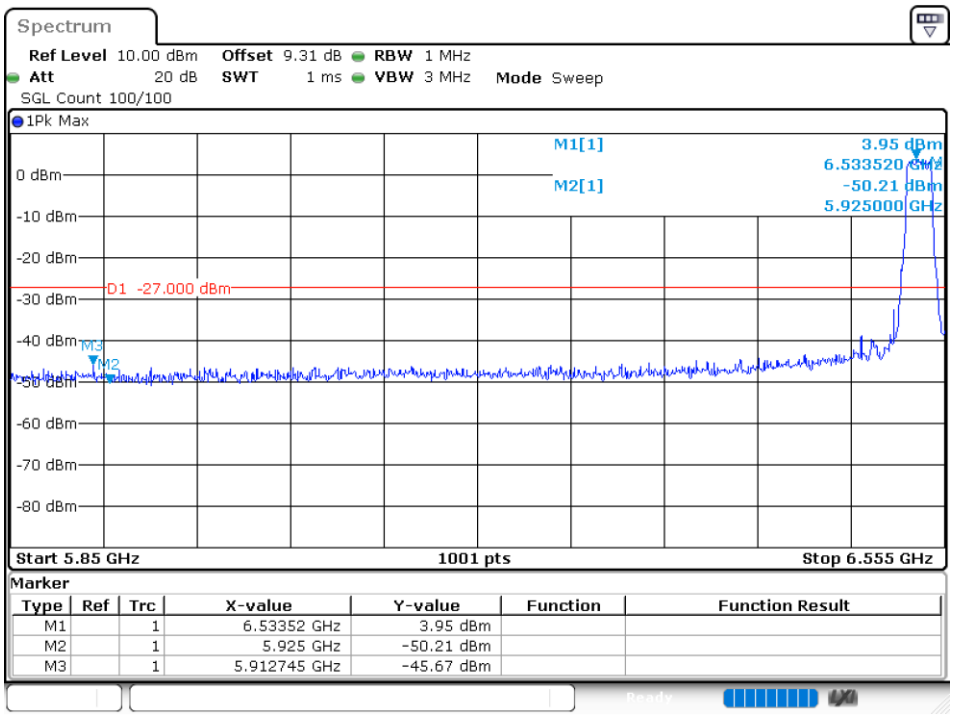
Band Edge NVNT ax20 6535MHz Low Ant1



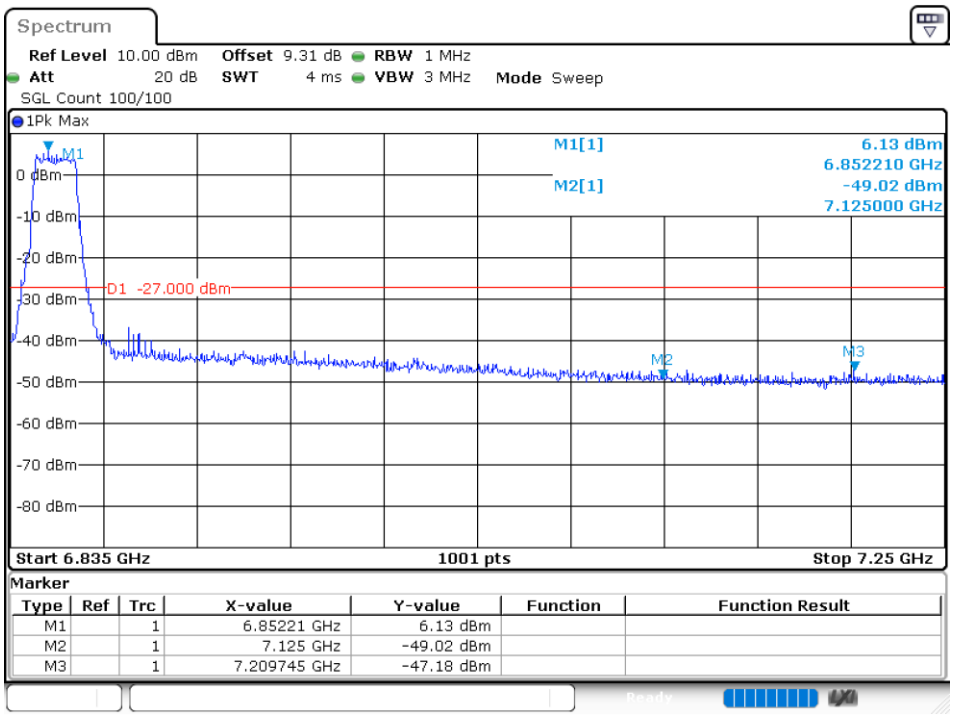
Band Edge NVNT ax20 6855MHz High Ant1



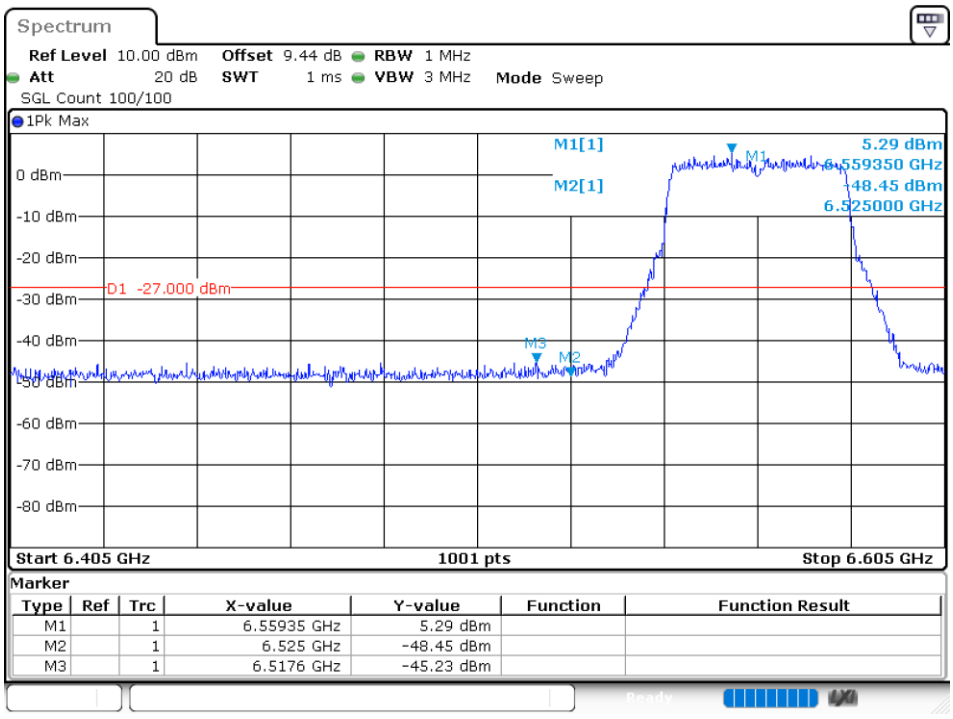
Band Edge NVNT ax20 6535MHz Low Ant2



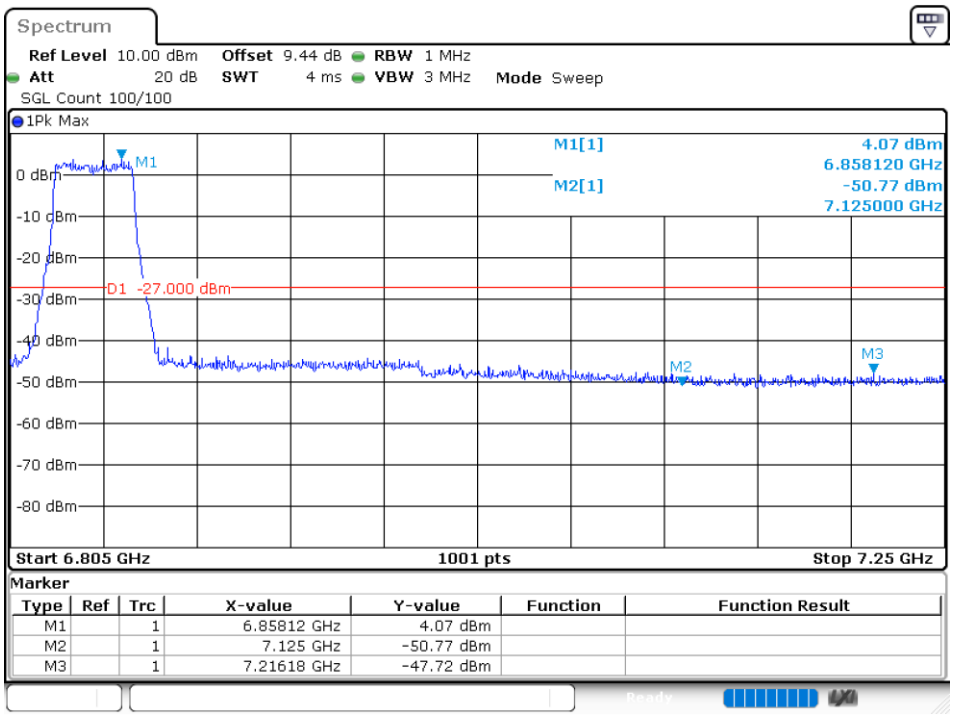
Band Edge NVNT ax20 6855MHz High Ant2



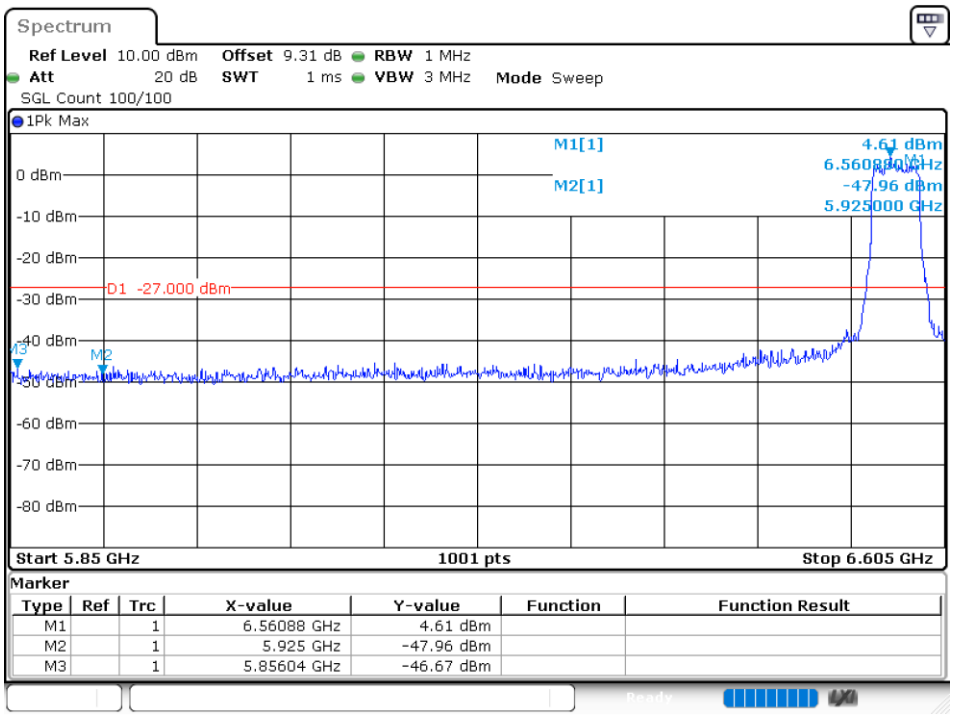
Band Edge NVNT ax40 6565MHz Low Ant1



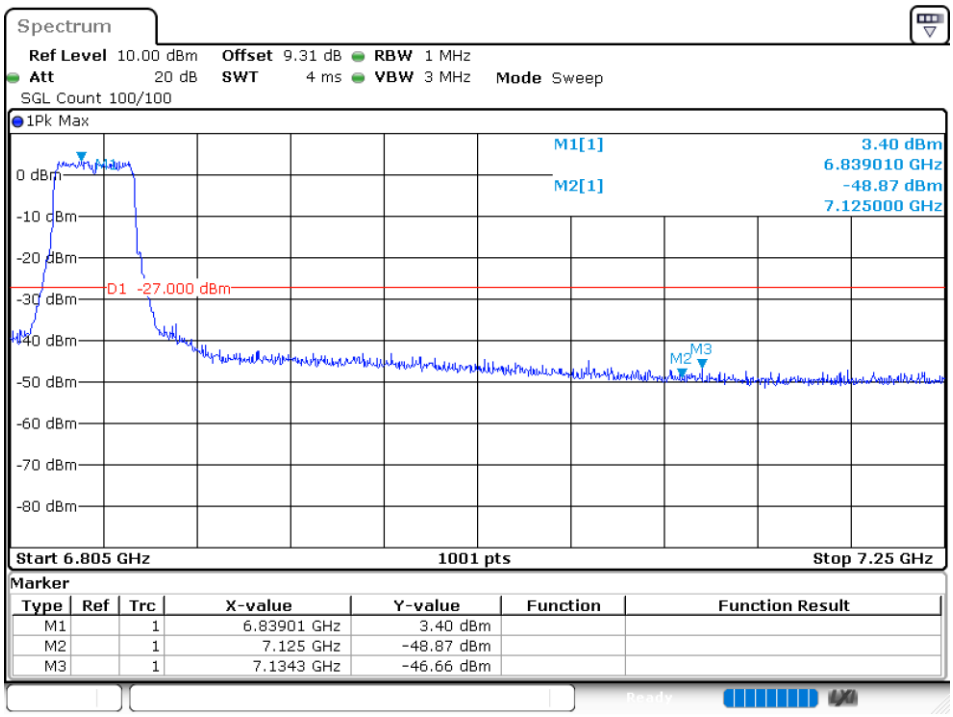
Band Edge NVNT ax40 6845MHz High Ant1



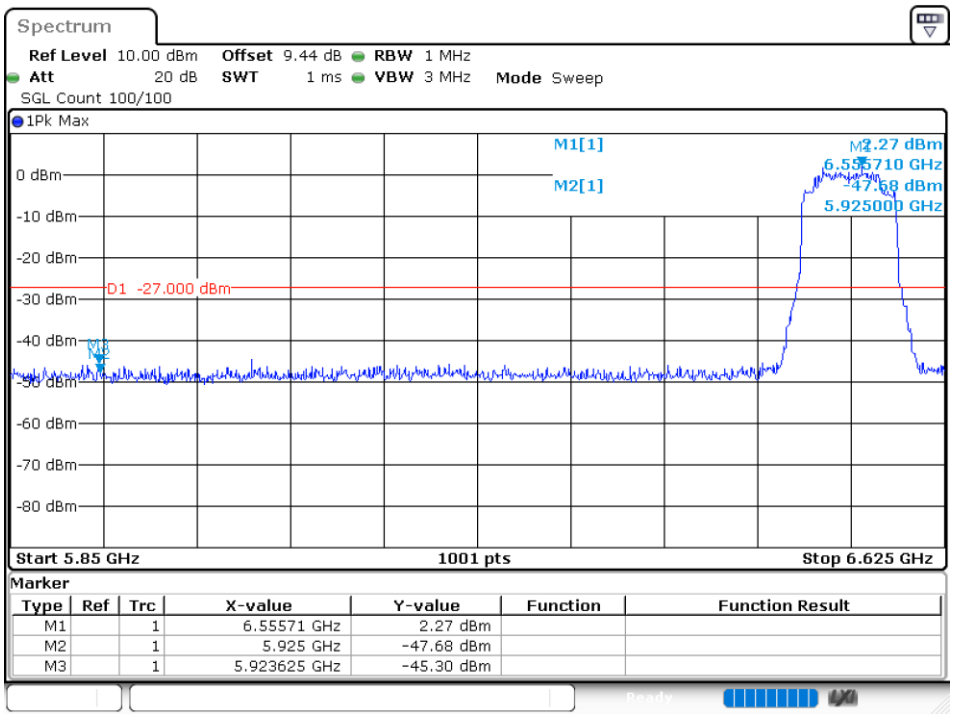
Band Edge NVNT ax40 6565MHz Low Ant2



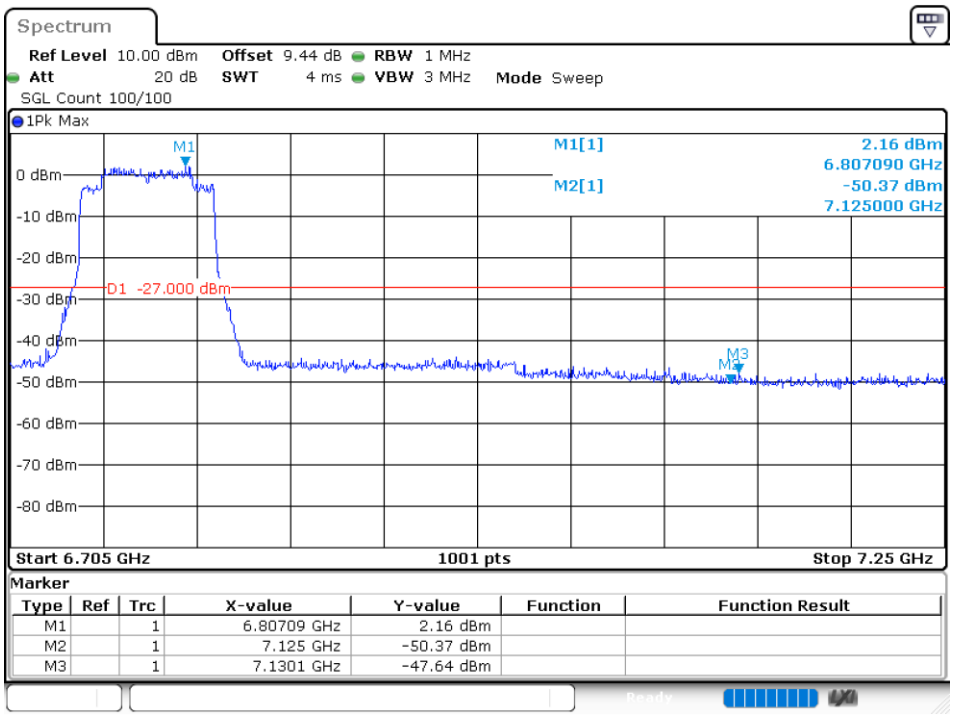
Band Edge NVNT ax40 6845MHz High Ant2



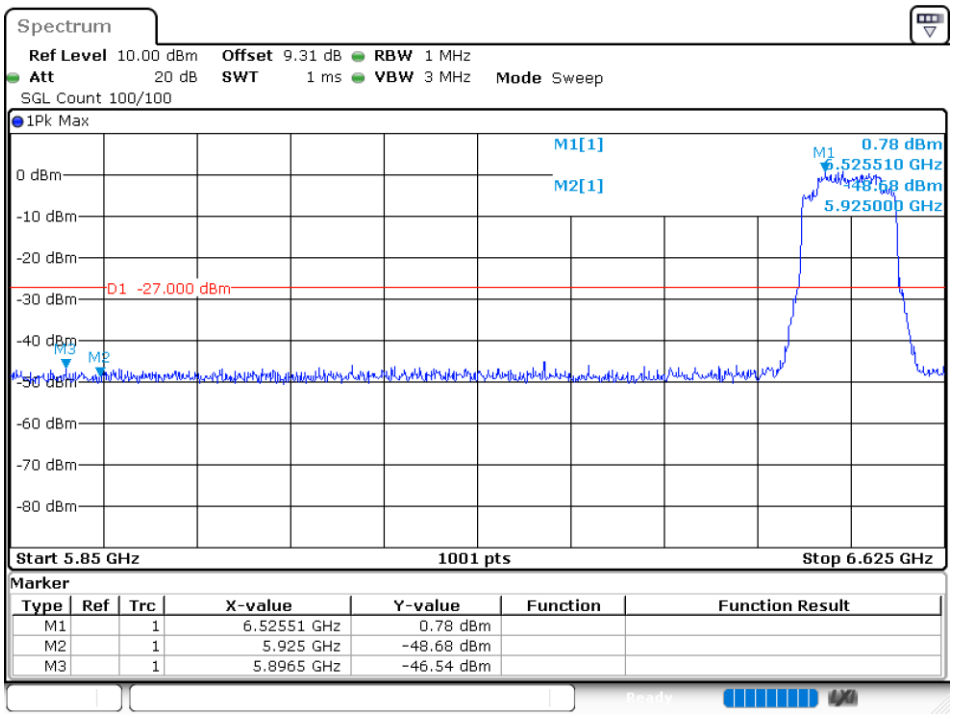
Band Edge NVNT ax80 6545MHz Low Ant1



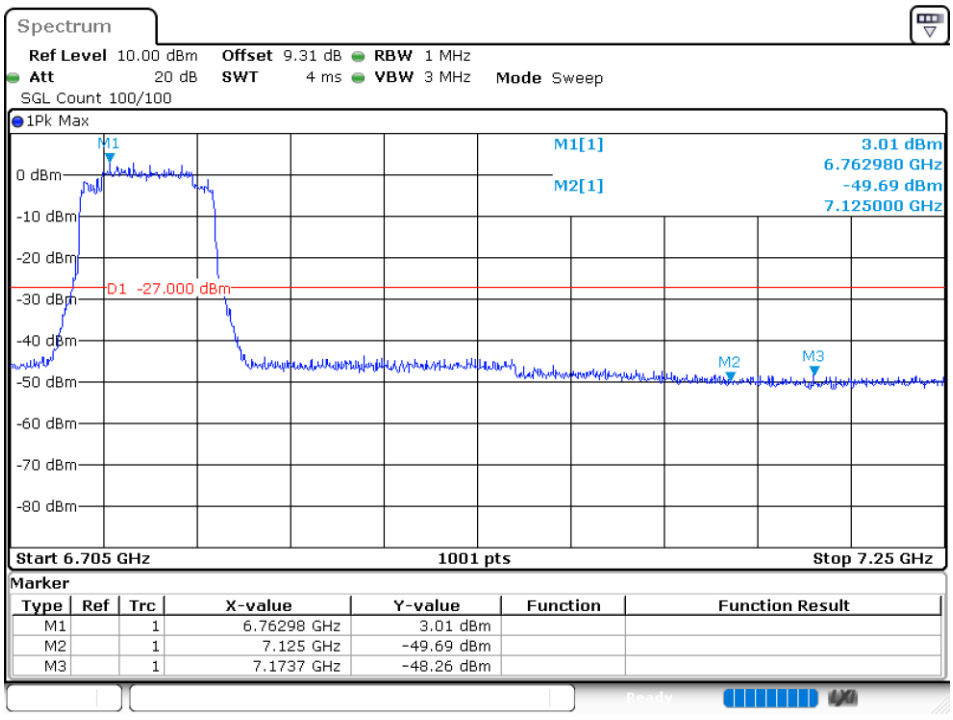
Band Edge NVNT ax80 6785MHz High Ant1



Band Edge NVNT ax80 6545MHz Low Ant2



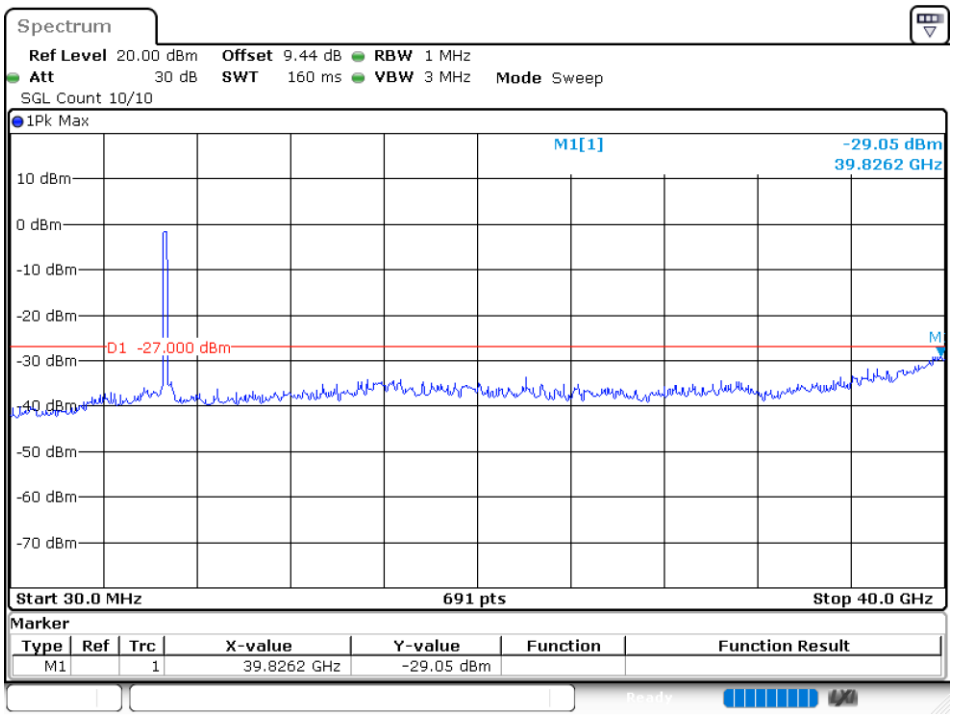
Band Edge NVNT ax80 6785MHz High Ant2



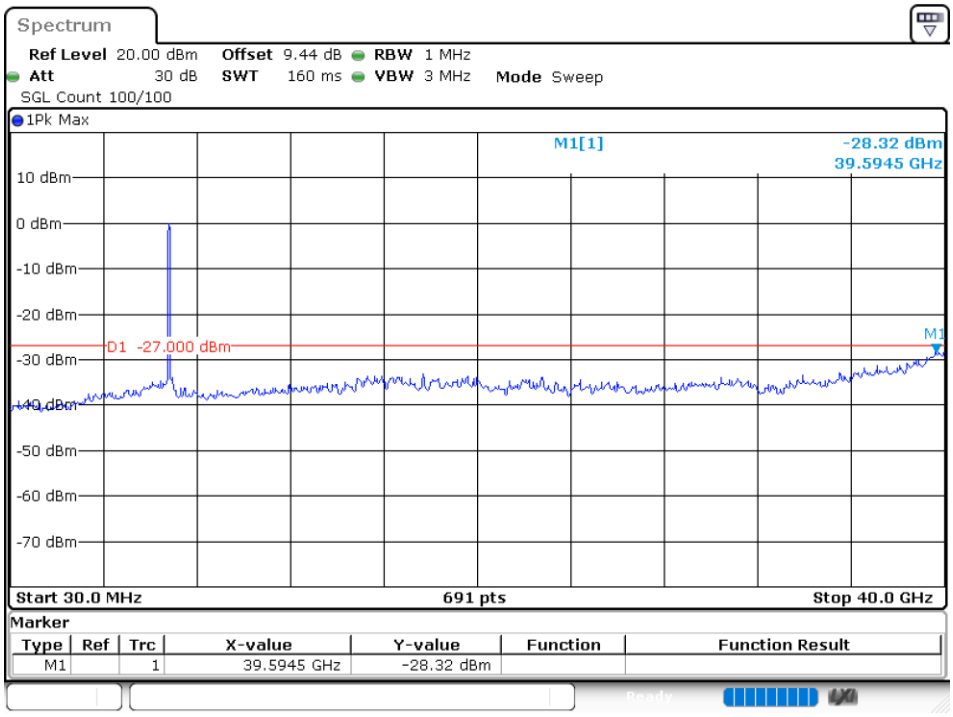
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	-29.05	-27	Pass
NVNT	ax160	6825	Ant1	-28.31	-27	Pass
NVNT	ax160	6665	Ant2	-28.41	-27	Pass
NVNT	ax160	6825	Ant2	-28.31	-27	Pass
NVNT	ax20	6535	Ant1	-27.77	-27	Pass
NVNT	ax20	6695	Ant1	-28.82	-27	Pass
NVNT	ax20	6855	Ant1	-38.16	-27	Pass
NVNT	ax20	6535	Ant2	-28.23	-27	Pass
NVNT	ax20	6695	Ant2	-27.95	-27	Pass
NVNT	ax20	6855	Ant2	-27.61	-27	Pass
NVNT	ax40	6565	Ant1	-28.03	-27	Pass
NVNT	ax40	6685	Ant1	-28.43	-27	Pass
NVNT	ax40	6845	Ant1	-28.55	-27	Pass
NVNT	ax40	6565	Ant2	-28.21	-27	Pass
NVNT	ax40	6685	Ant2	-28.38	-27	Pass
NVNT	ax40	6845	Ant2	-28.82	-27	Pass
NVNT	ax80	6545	Ant1	-27.27	-27	Pass
NVNT	ax80	6625	Ant1	-29.12	-27	Pass
NVNT	ax80	6785	Ant1	-28.55	-27	Pass
NVNT	ax80	6545	Ant2	-28.1	-27	Pass
NVNT	ax80	6625	Ant2	-28.47	-27	Pass
NVNT	ax80	6785	Ant2	-27.85	-27	Pass

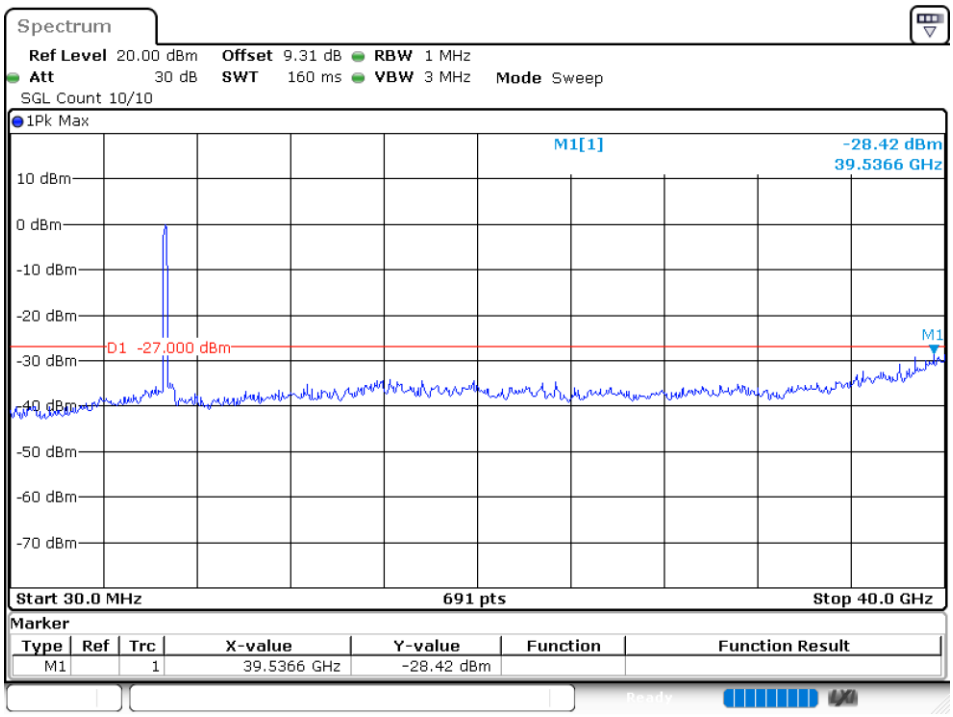
Test Graphs
Tx. Spurious NVNT ax160 6665MHz Ant1 Emission



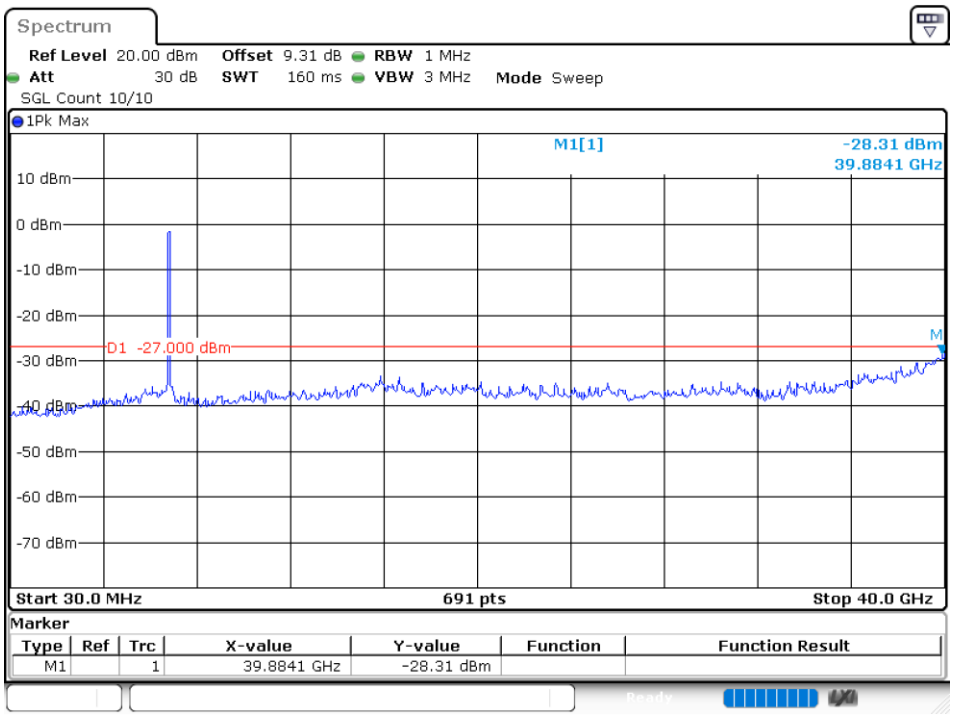
Tx. Spurious NVNT ax160 6825MHz Ant1 Emission



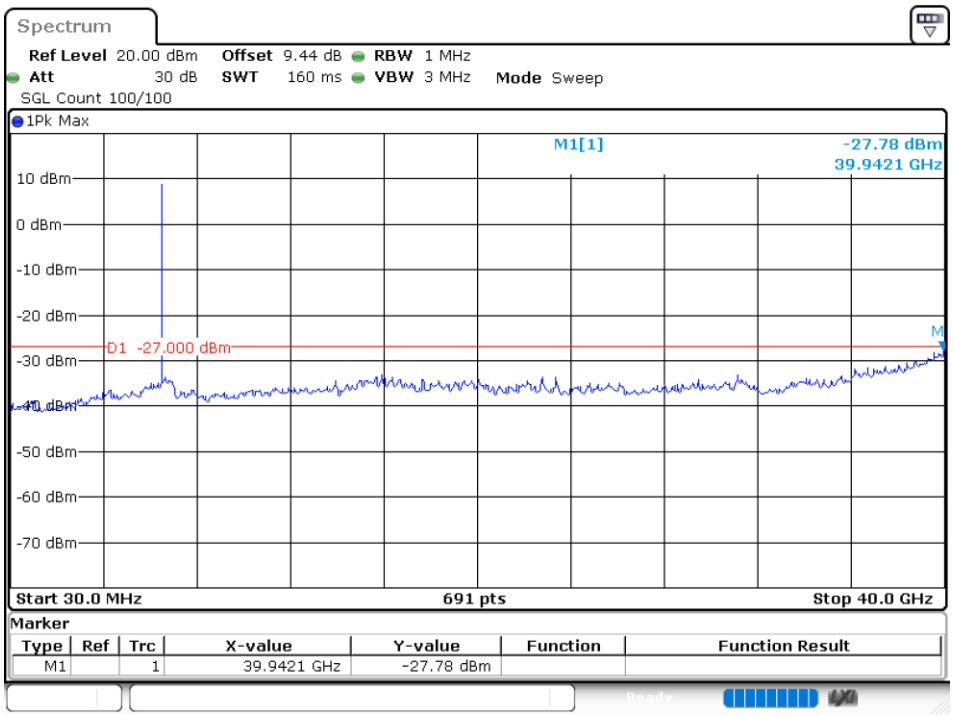
Tx. Spurious NVNT ax160 6665MHz Ant2 Emission



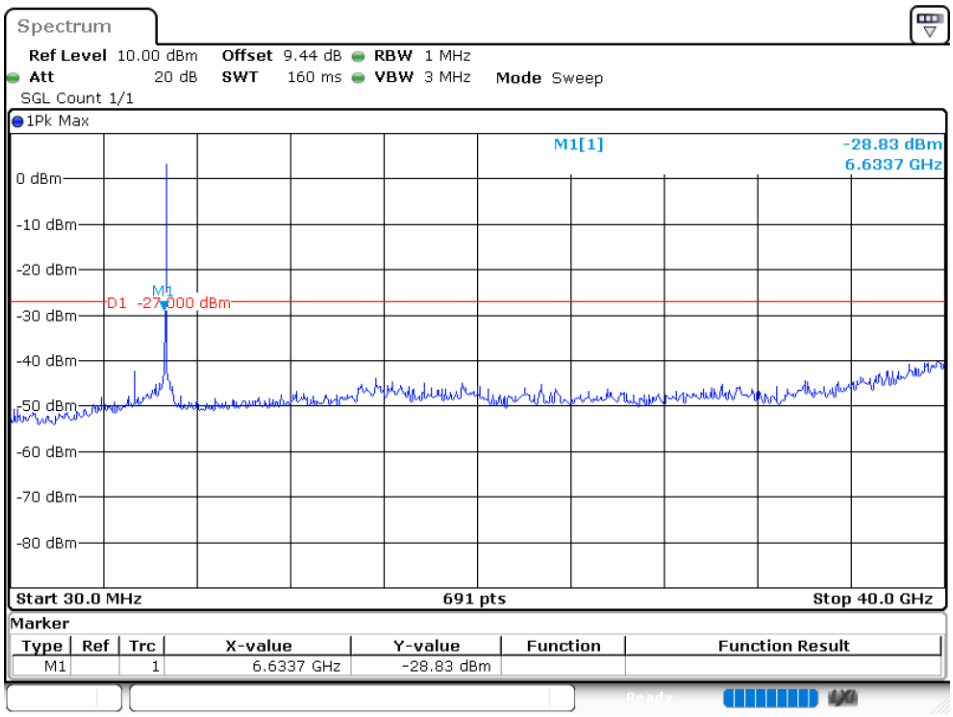
Tx. Spurious NVNT ax160 6825MHz Ant2 Emission



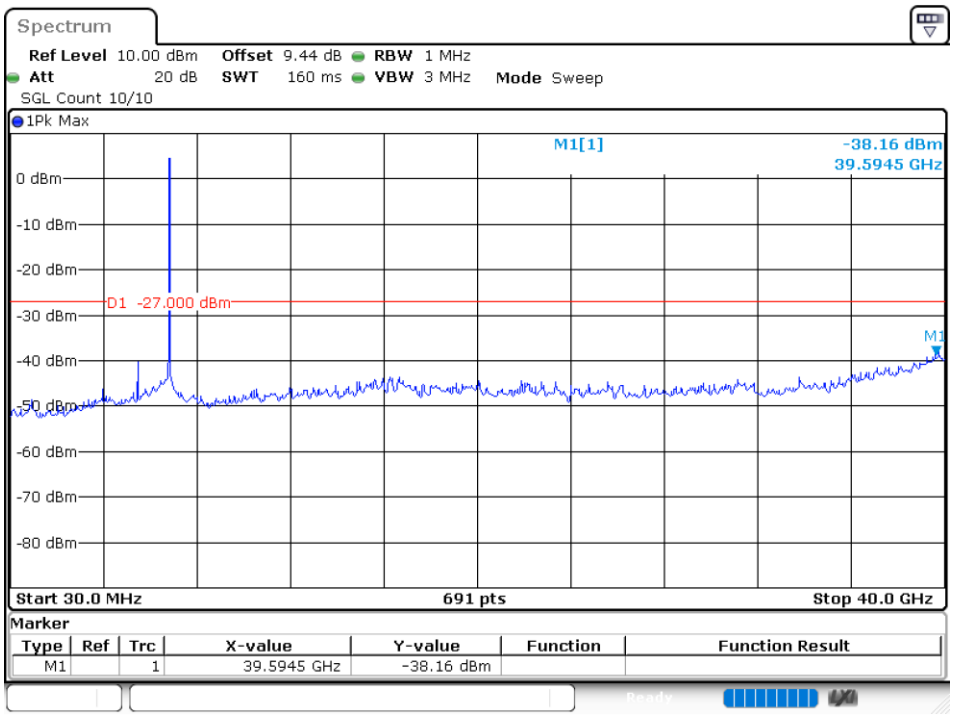
Tx. Spurious NVNT ax20 6535MHz Ant1 Emission



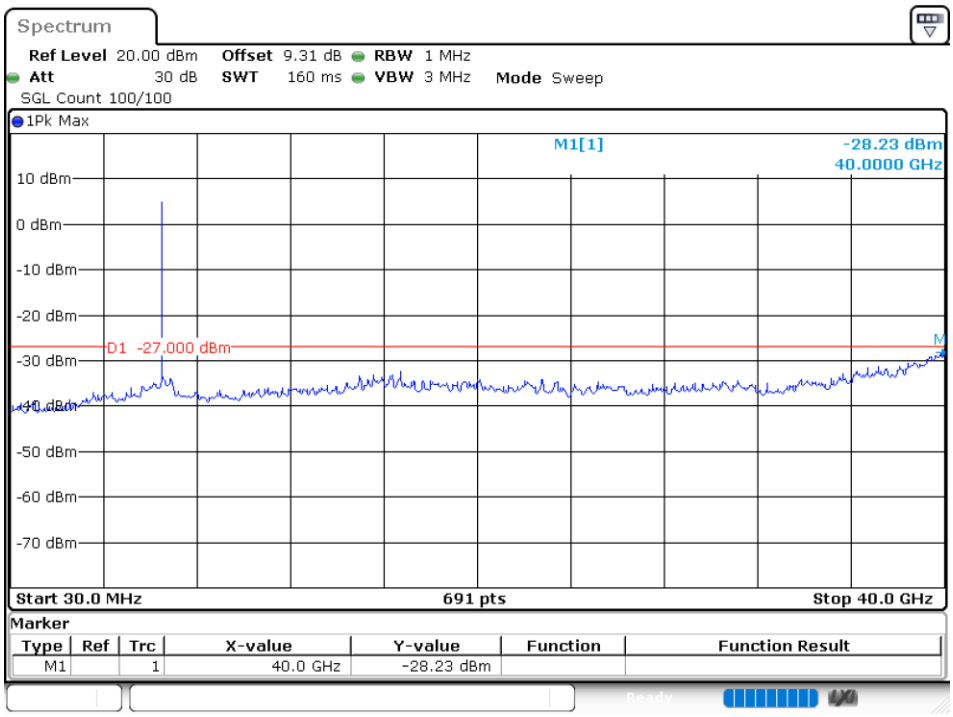
Tx. Spurious NVNT ax20 6695MHz Ant1 Emission



Tx. Spurious NVNT ax20 6855MHz Ant1 Emission



Tx. Spurious NVNT ax20 6535MHz Ant2 Emission



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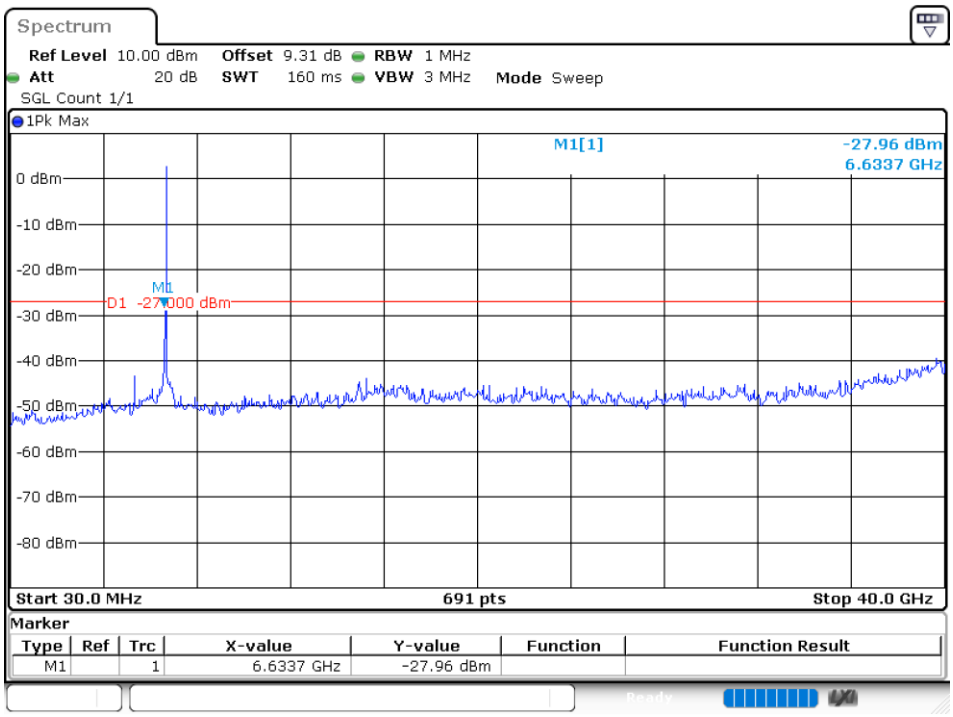

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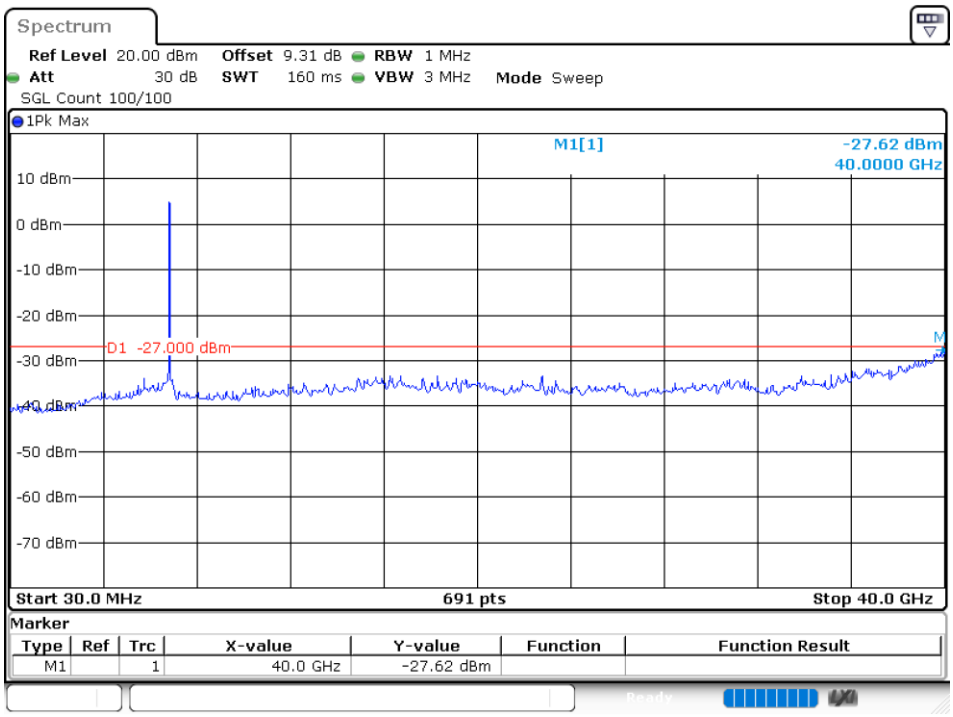
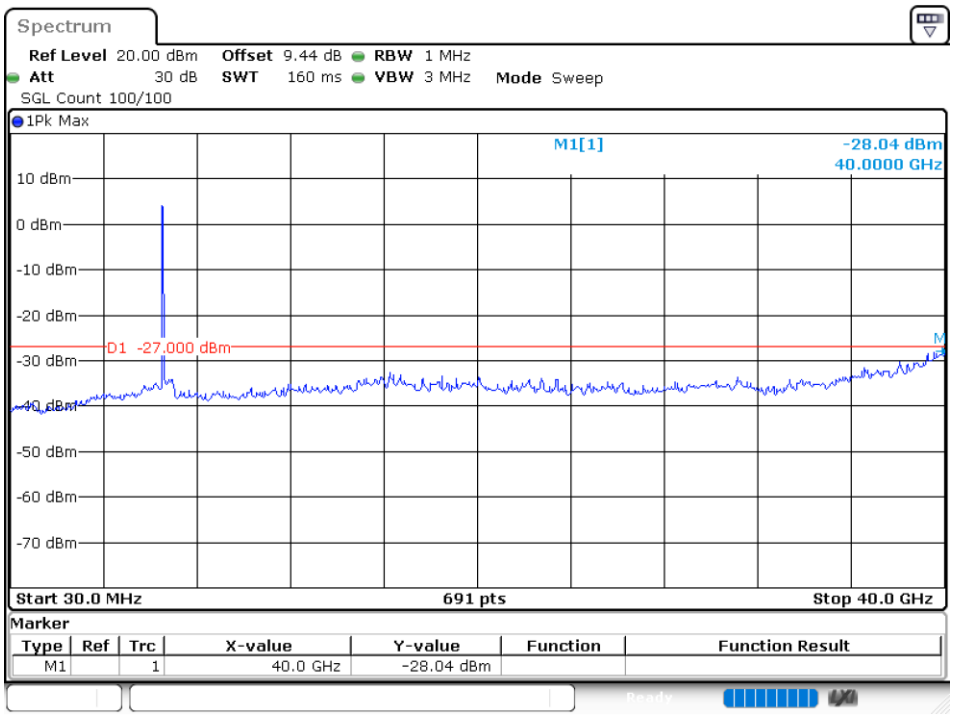
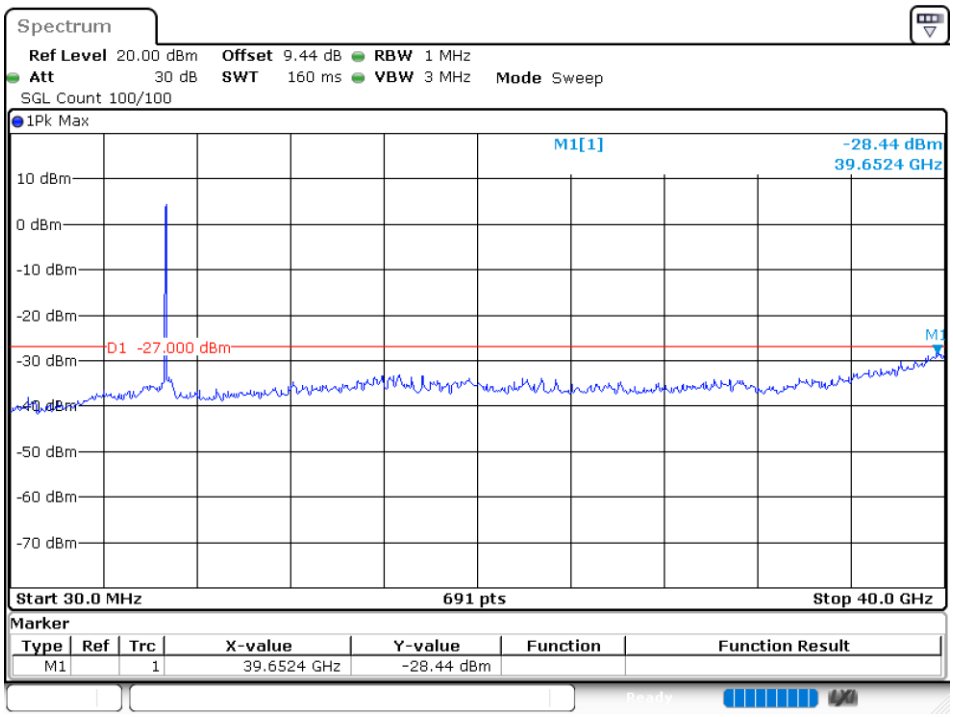


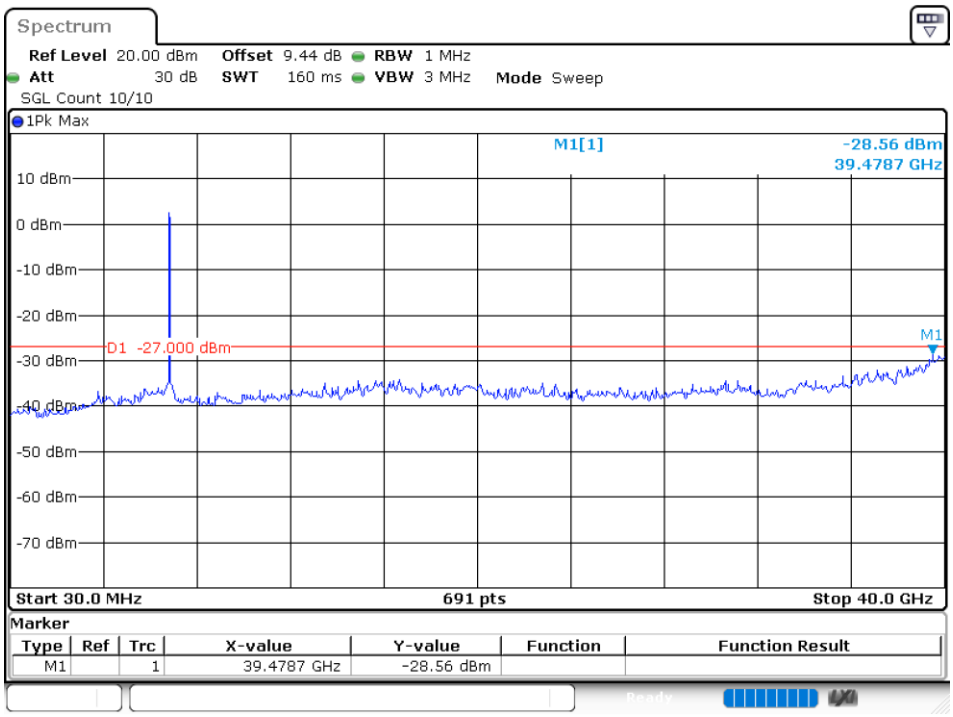
Tx. Spurious NVNT ax40 6565MHz Ant1 Emission



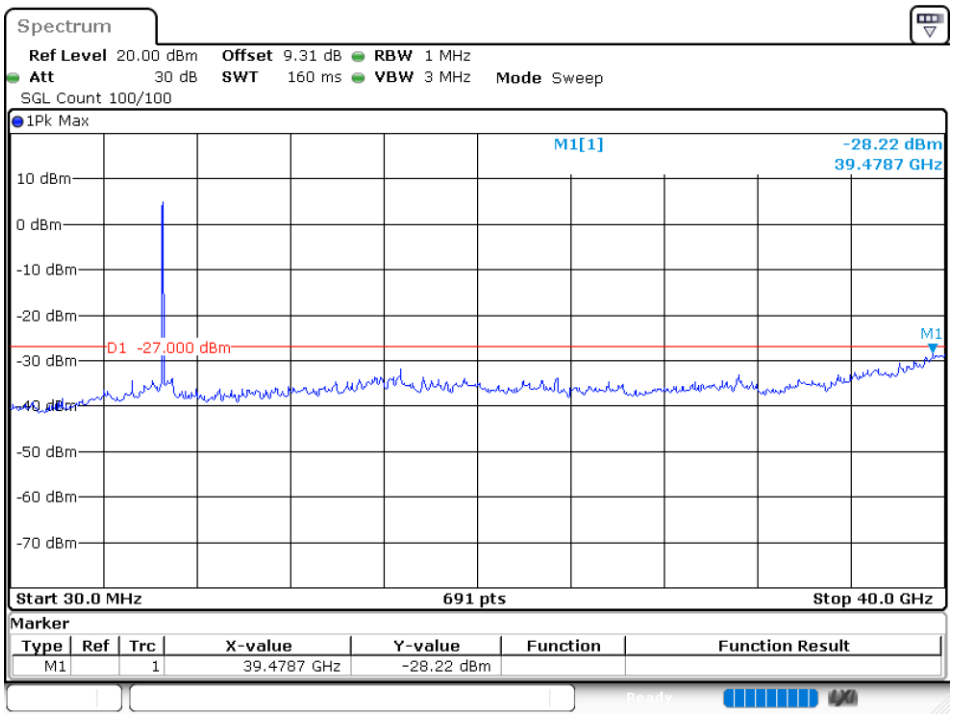
Tx. Spurious NVNT ax40 6685MHz Ant1 Emission



Tx. Spurious NVNT ax40 6845MHz Ant1 Emission



Tx. Spurious NVNT ax40 6565MHz Ant2 Emission



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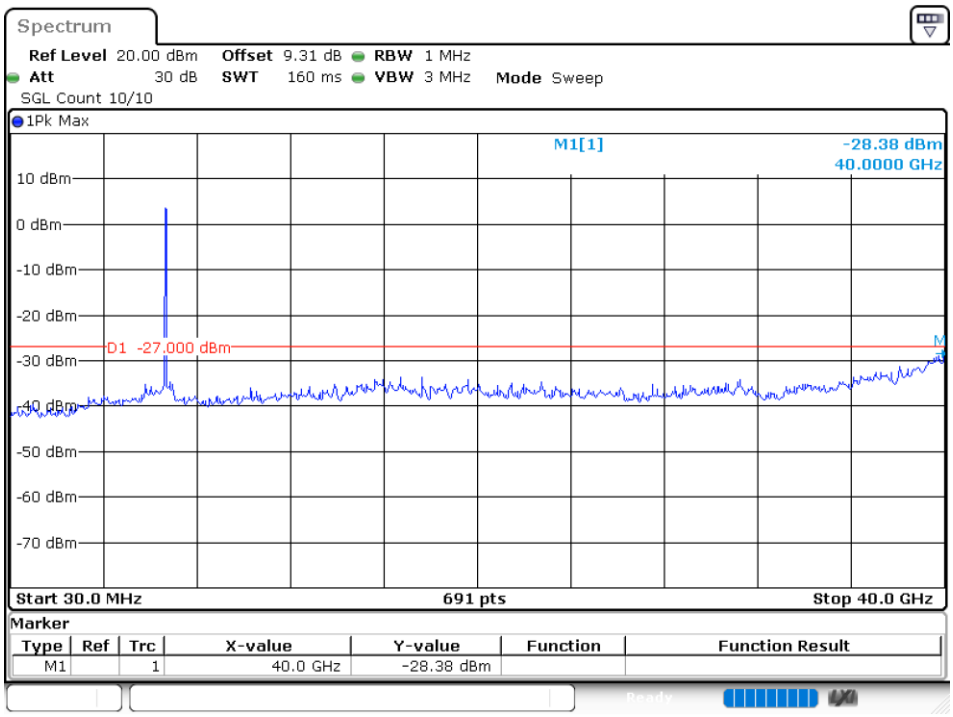
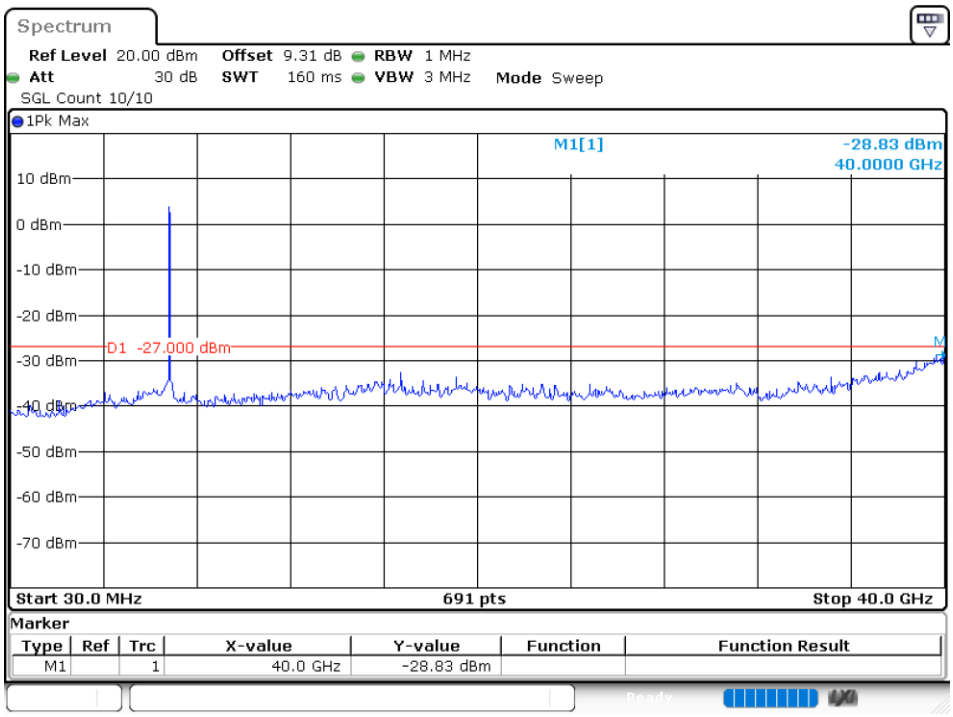
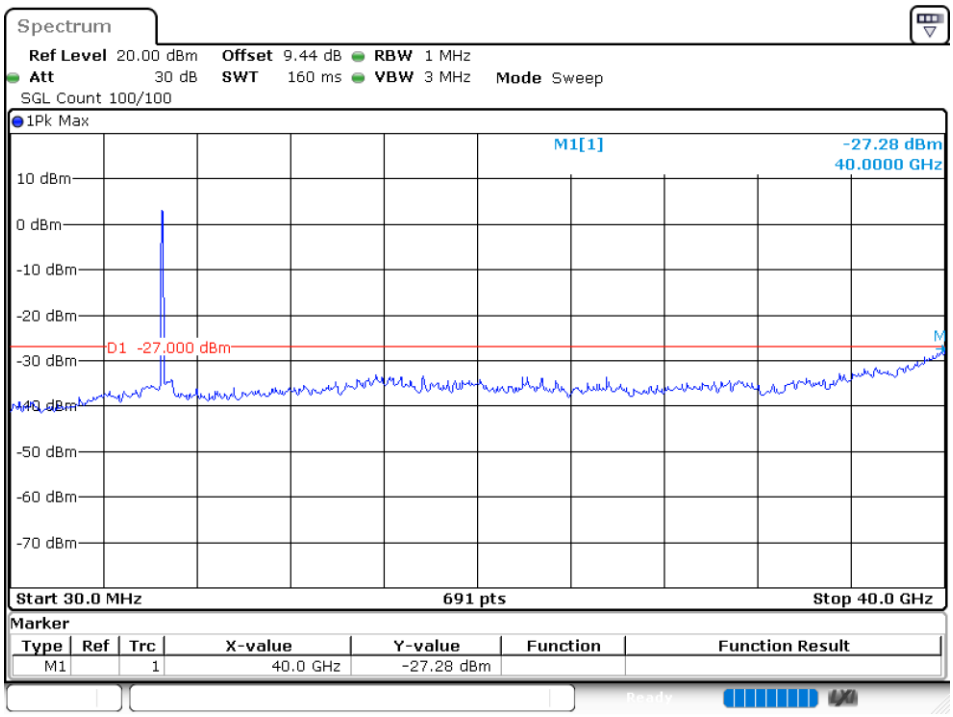


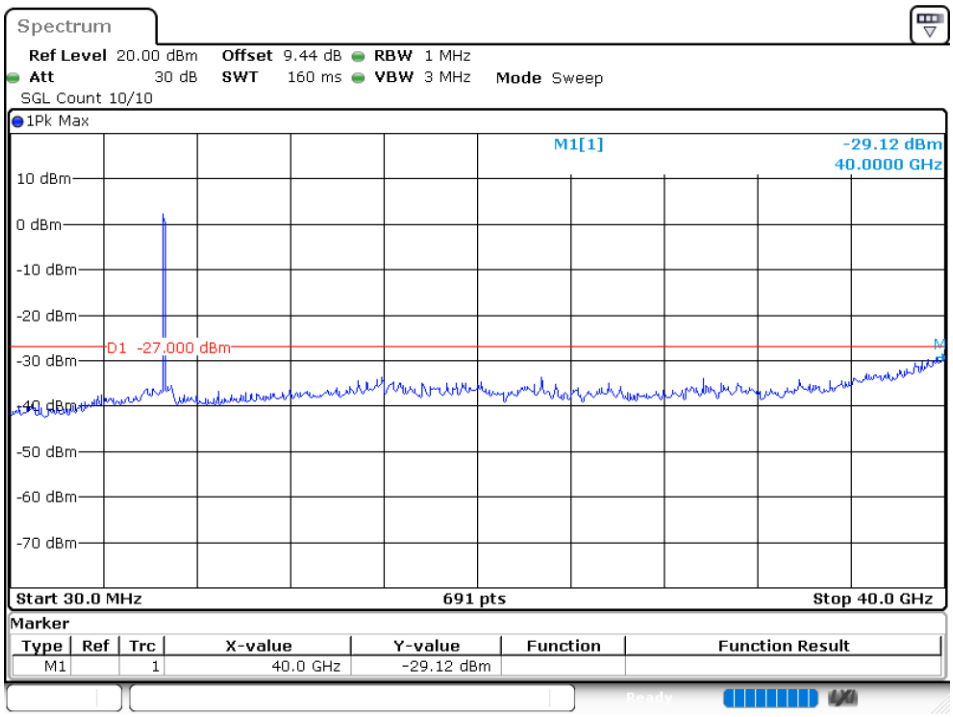
Tx. Spurious NVNT ax40 6845MHz Ant2 Emission



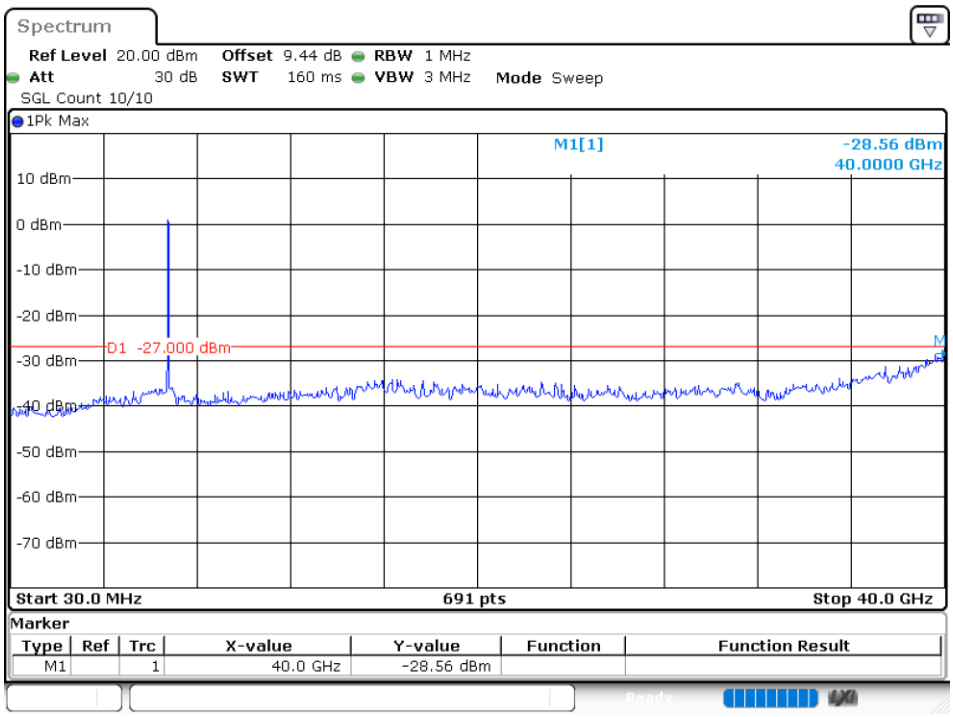
Tx. Spurious NVNT ax80 6545MHz Ant1 Emission



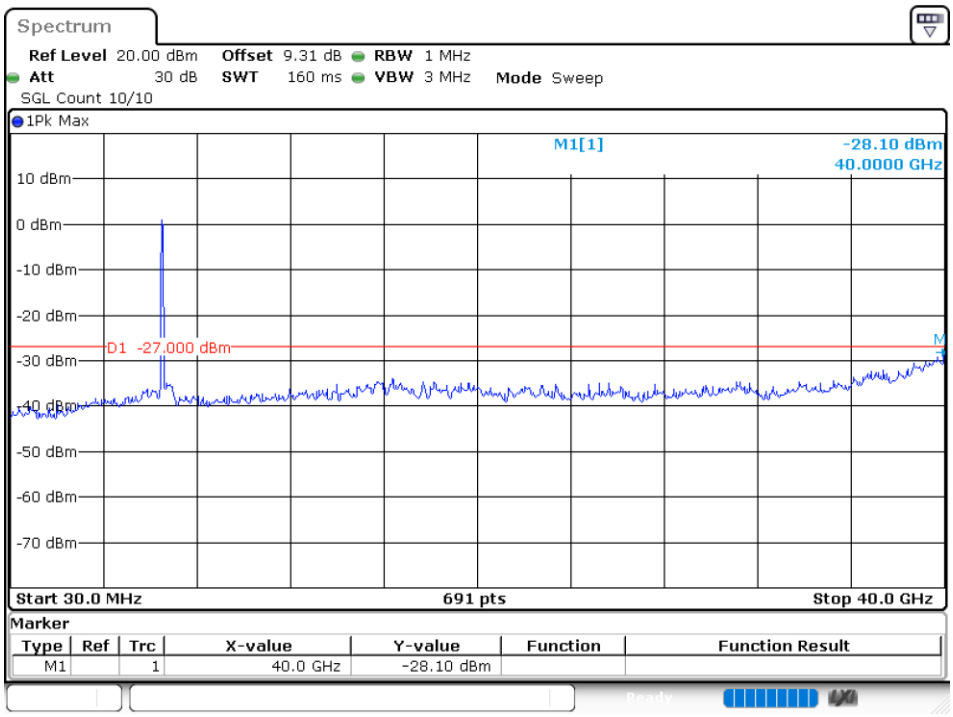
Tx. Spurious NVNT ax80 6625MHz Ant1 Emission



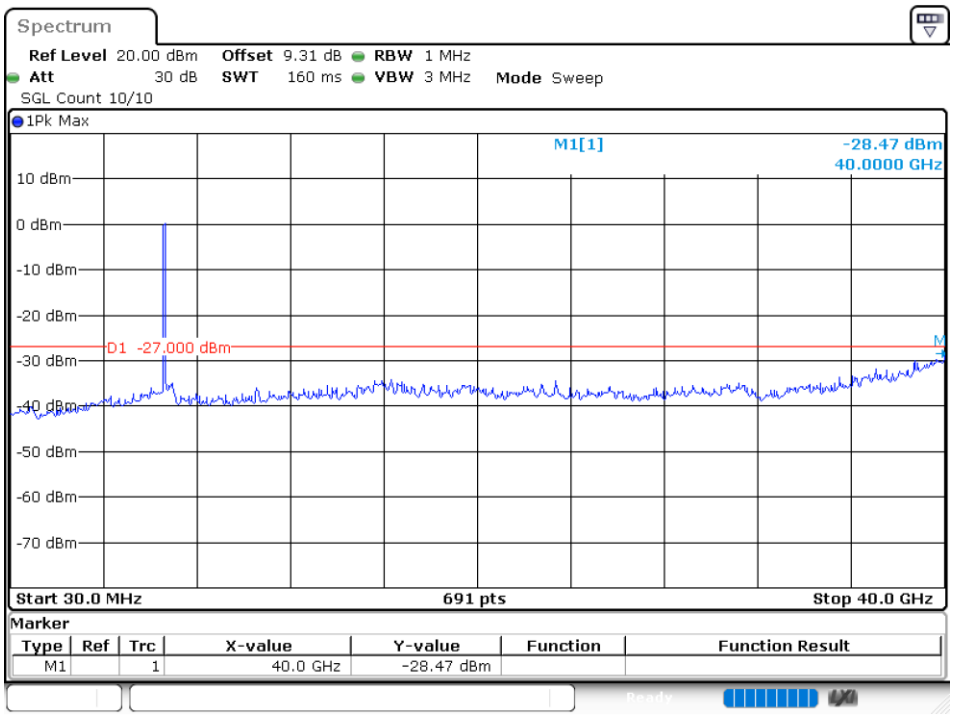
Tx. Spurious NVNT ax80 6785MHz Ant1 Emission



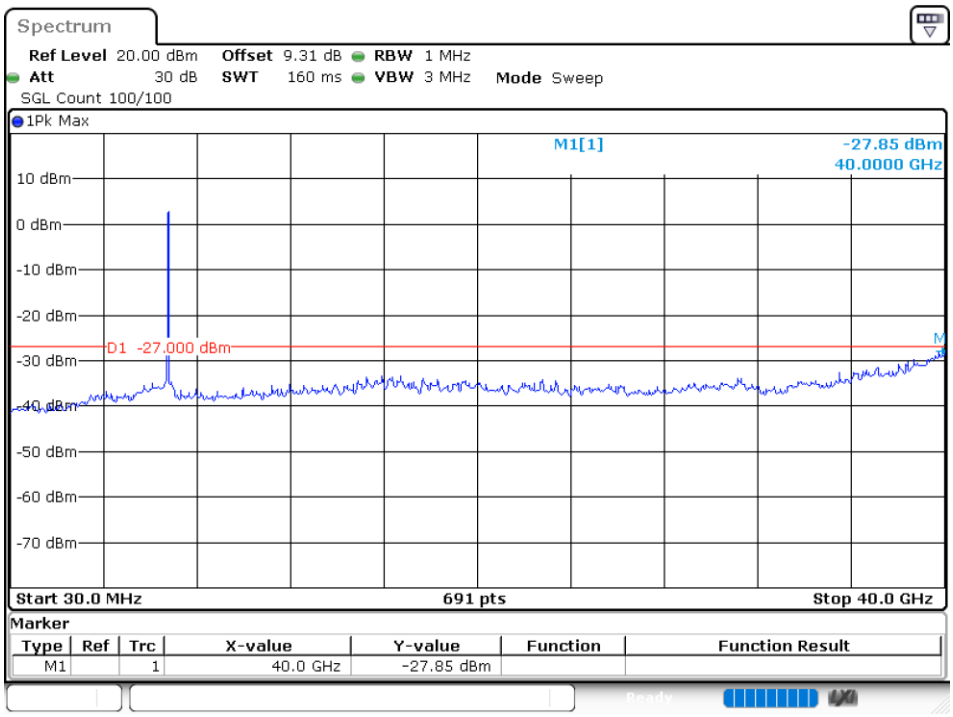
Tx. Spurious NVNT ax80 6545MHz Ant2 Emission



Tx. Spurious NVNT ax80 6625MHz Ant2 Emission



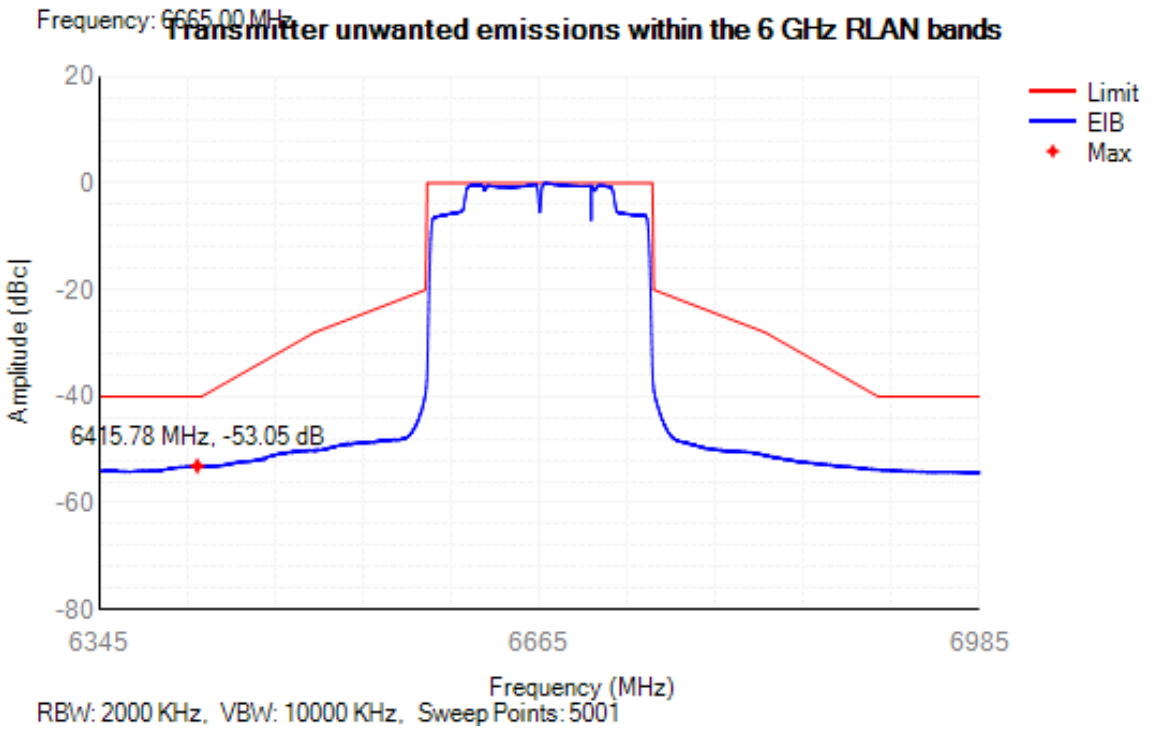
Tx. Spurious NVNT ax80 6785MHz Ant2 Emission



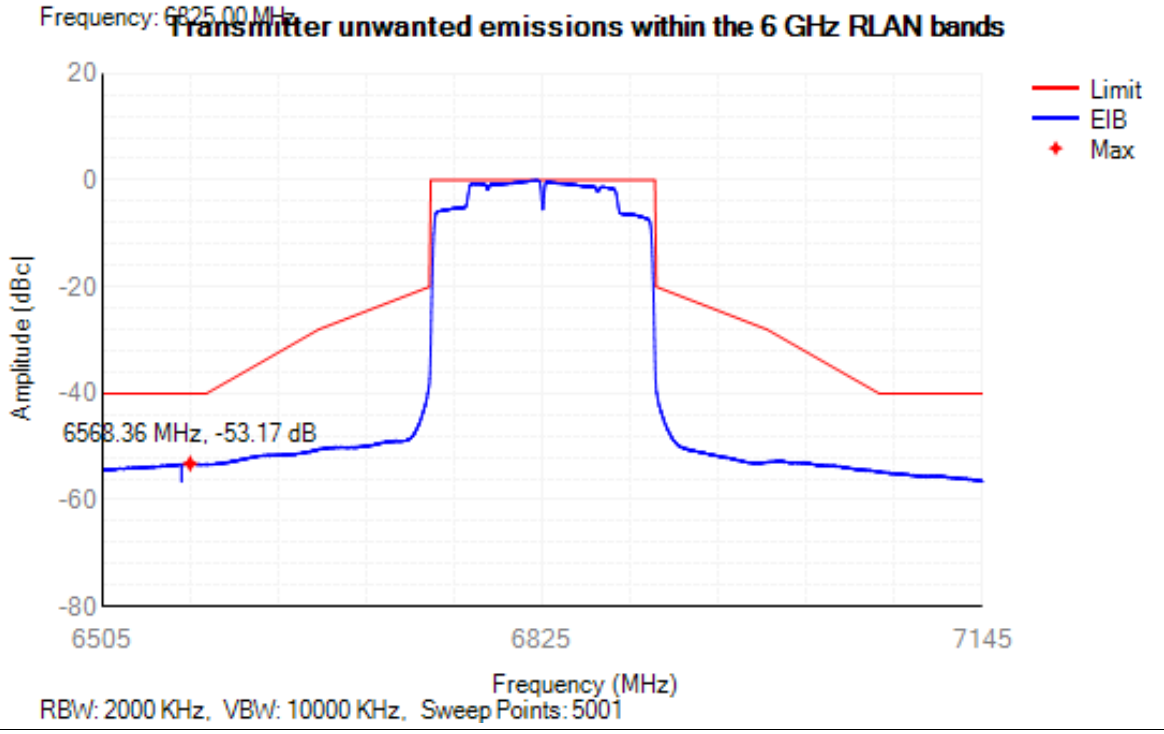
Power spectral mask

Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6665	Ant1	Band1	6415.78	-53.05	-40	Pass
NVNT	ax160	6825	Ant1	Band1	6568.36	-53.17	-40	Pass
NVNT	ax160	6665	Ant2	Band1	6985	-44.88	-40	Pass
NVNT	ax160	6825	Ant2	Band1	6576.04	-45.57	-40	Pass
NVNT	ax20	6535	Ant1	Band1	6571.46	-42.55	-40	Pass
NVNT	ax20	6695	Ant1	Band1	6733.61	-48.56	-40	Pass
NVNT	ax20	6855	Ant1	Band1	6815.22	-47.73	-40	Pass
NVNT	ax20	6535	Ant2	Band1	6574.65	-41.03	-40	Pass
NVNT	ax20	6695	Ant2	Band1	6734.55	-41.33	-40	Pass
NVNT	ax20	6855	Ant2	Band1	6816.07	-40.47	-40	Pass
NVNT	ax40	6565	Ant1	Band1	6641.45	-40.63	-40	Pass
NVNT	ax40	6685	Ant1	Band1	6708.17	-27.67	-20	Pass
NVNT	ax40	6845	Ant1	Band1	6821.38	-28.36	-19.97	Pass
NVNT	ax40	6565	Ant2	Band1	6495.56	-46.37	-40	Pass
NVNT	ax40	6685	Ant2	Band1	6612.23	-47.04	-40	Pass
NVNT	ax40	6845	Ant2	Band1	6776.87	-46.58	-40	Pass
NVNT	ax80	6545	Ant1	Band1	6502.76	-27.11	-20.03	Pass
NVNT	ax80	6625	Ant1	Band1	6667.43	-27.16	-20.01	Pass
NVNT	ax80	6785	Ant1	Band1	6916.97	-46.87	-40	Pass
NVNT	ax80	6545	Ant2	Band1	6692.65	-47.12	-40	Pass
NVNT	ax80	6625	Ant2	Band1	6753.77	-47.11	-40	Pass
NVNT	ax80	6785	Ant2	Band1	6917.1	-46.95	-40	Pass

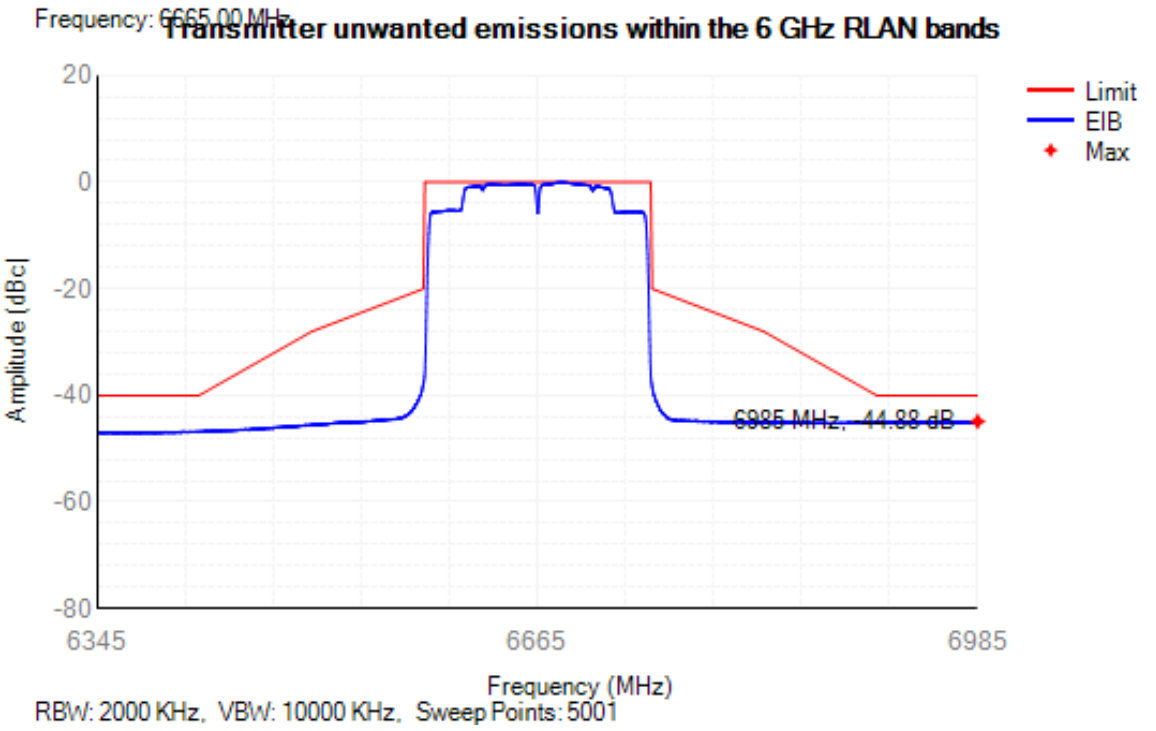
Test Graphs
Power spectral mask NVNT ax160 6665MHz



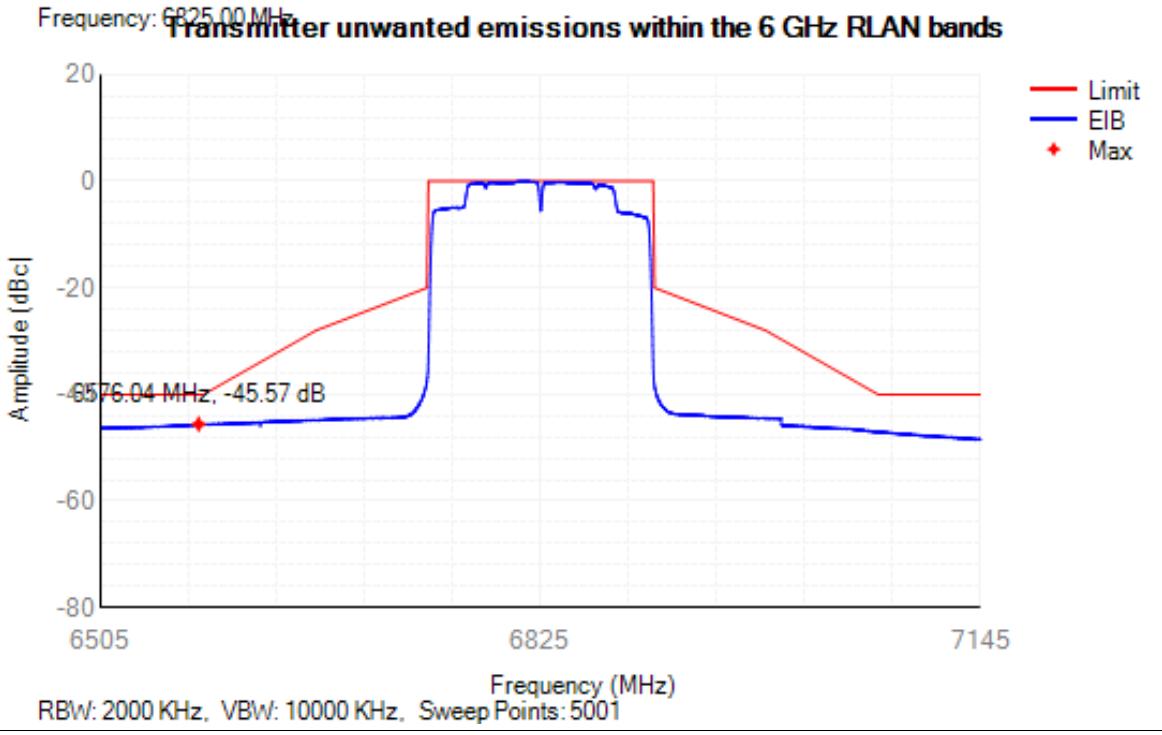
Power spectral mask NVNT ax160 6825MHz



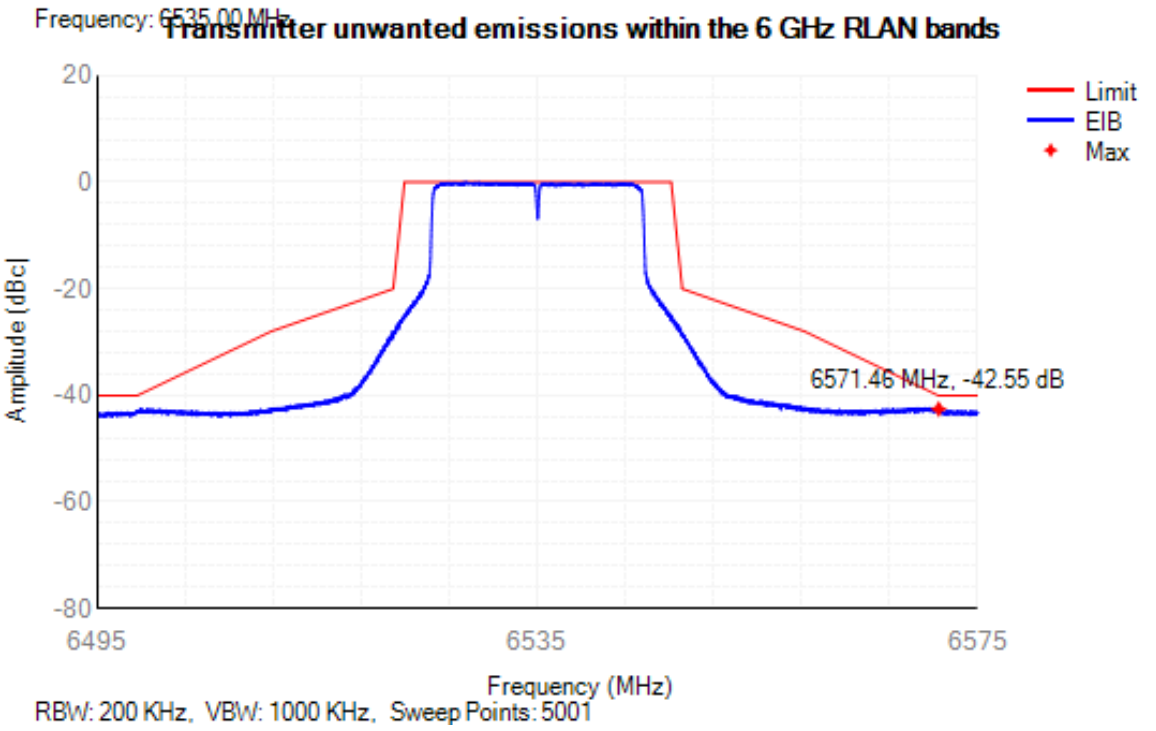
Power spectral mask NVNT ax160 6665MHz



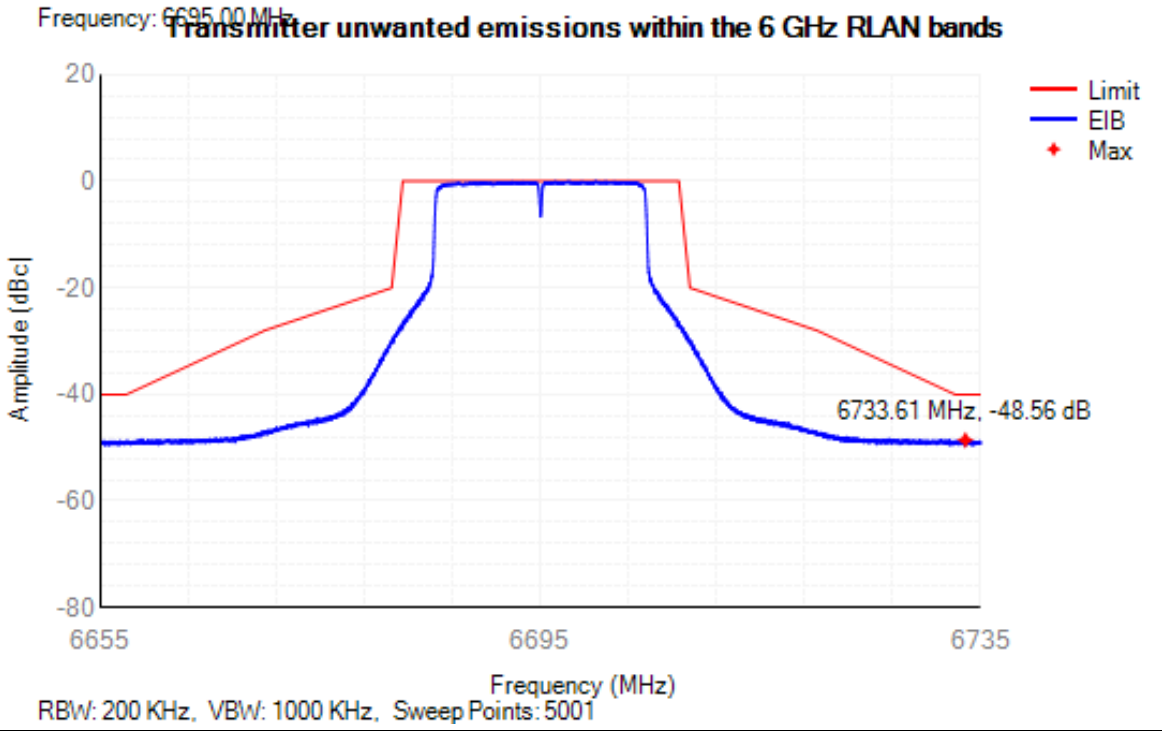
Power spectral mask NVNT ax160 6825MHz



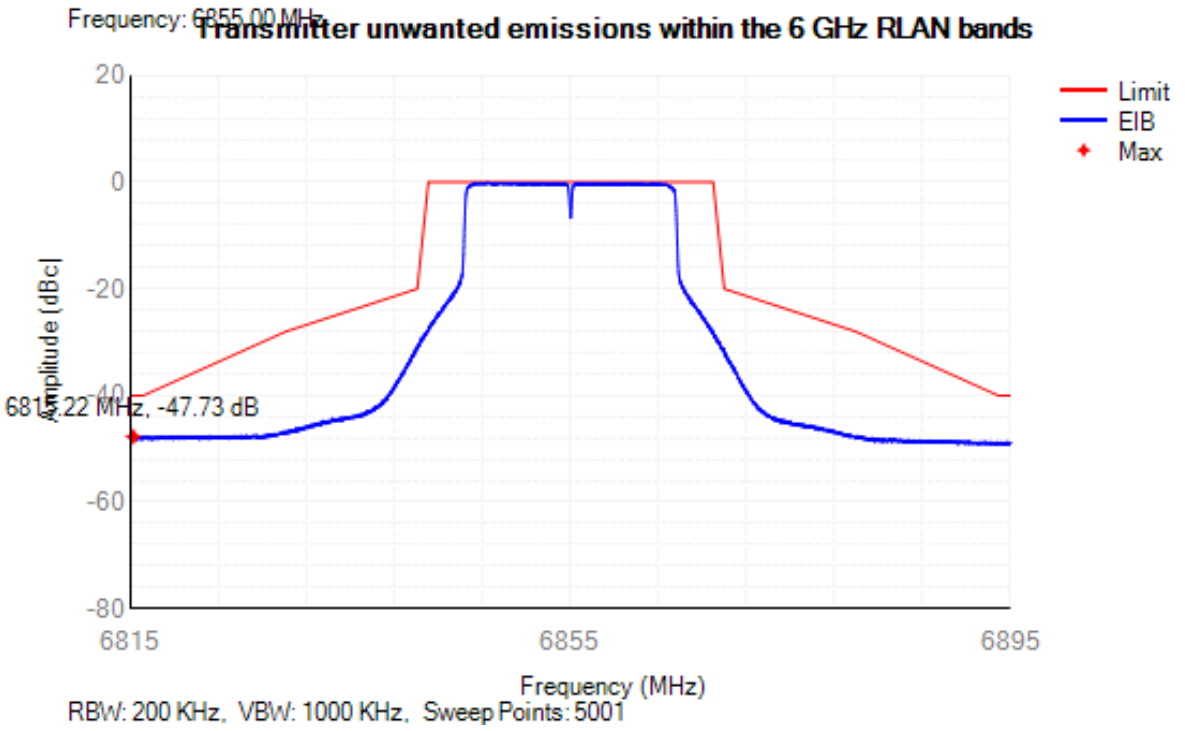
Power spectral mask NVNT ax20 6535MHz



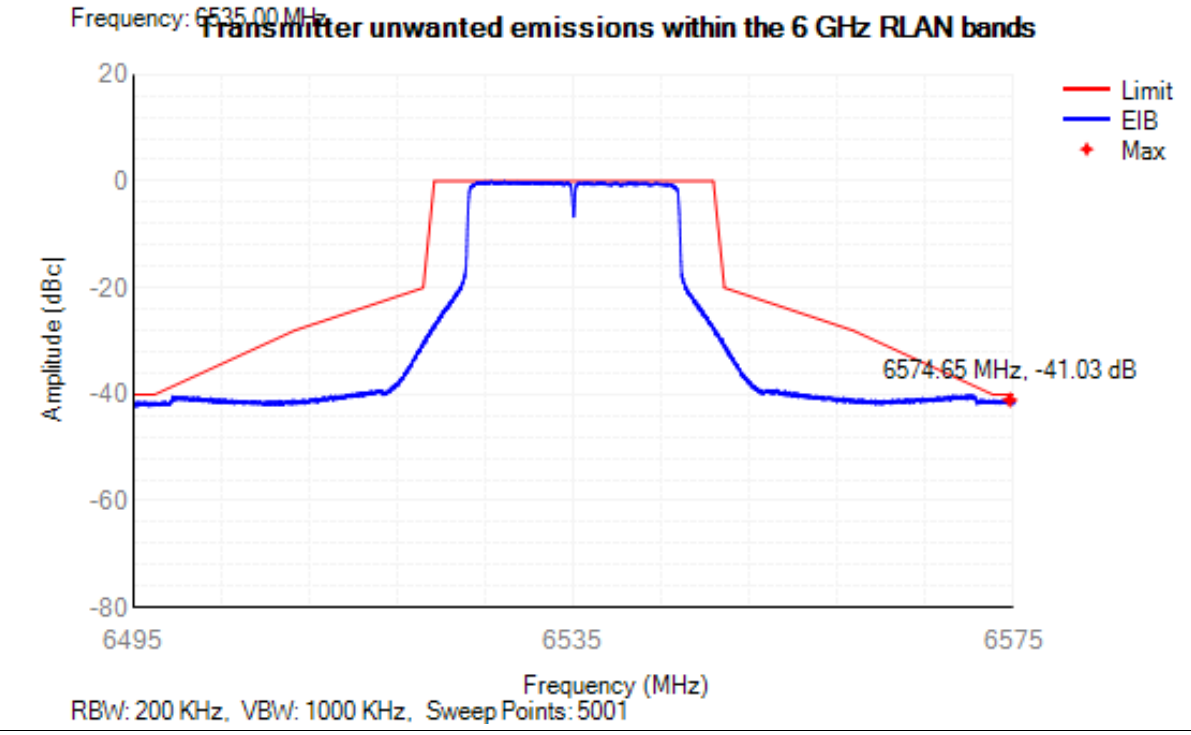
Power spectral mask NVNT ax20 6695MHz



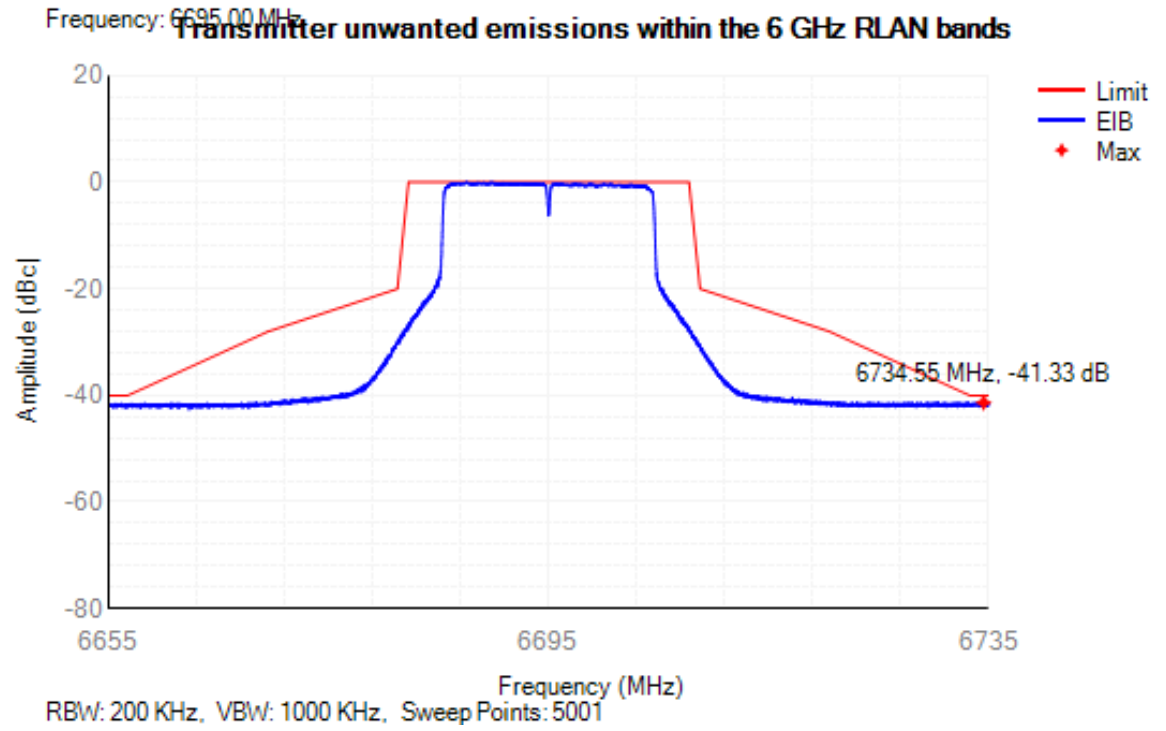
Power spectral mask NVNT ax20 6855MHz



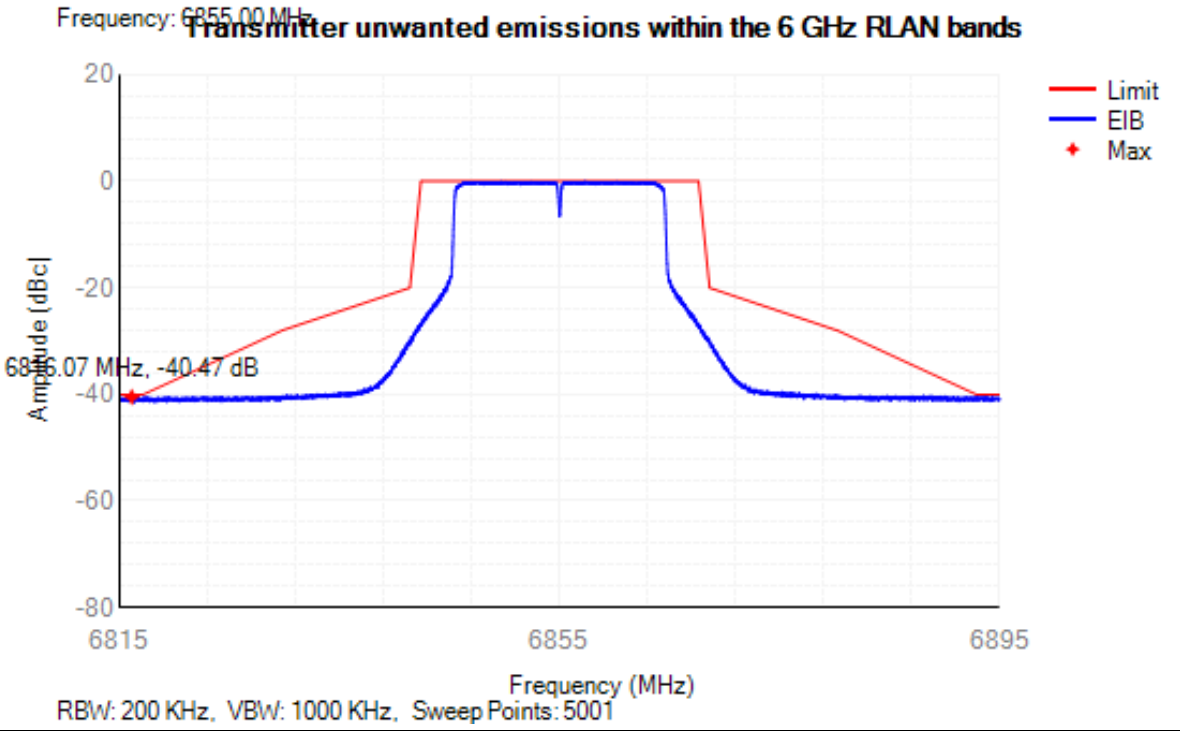
Power spectral mask NVNT ax20 6535MHz



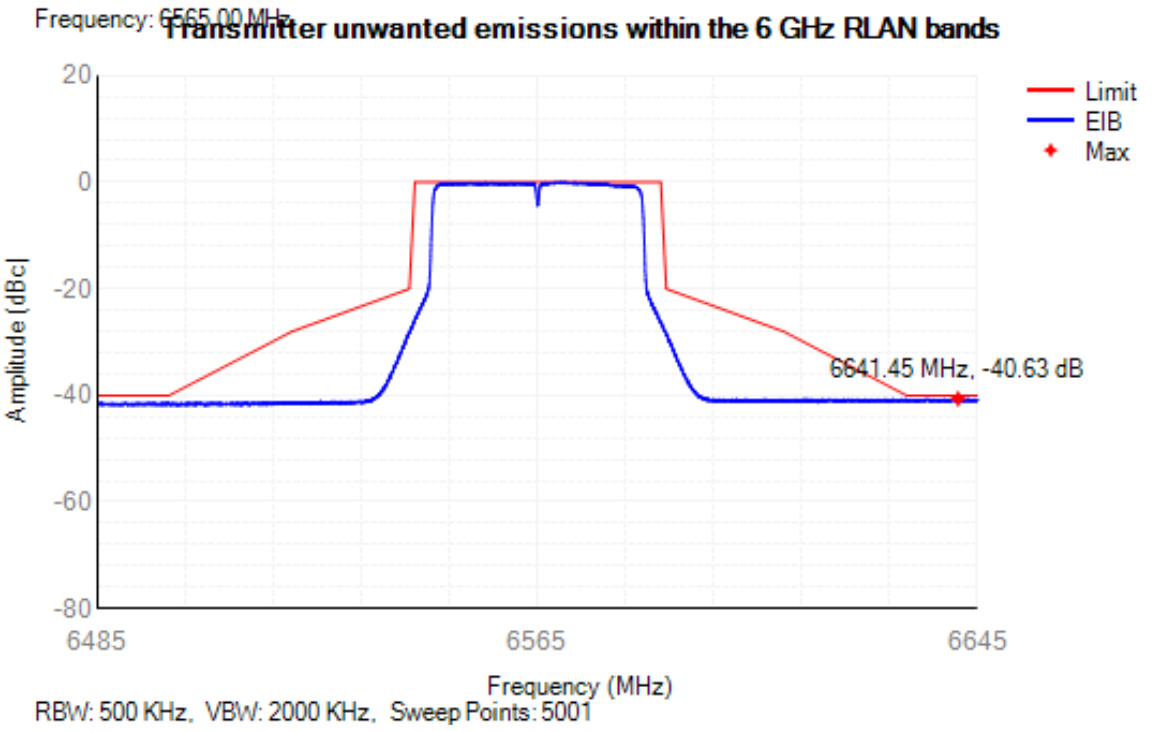
Power spectral mask NVNT ax20 6695MHz



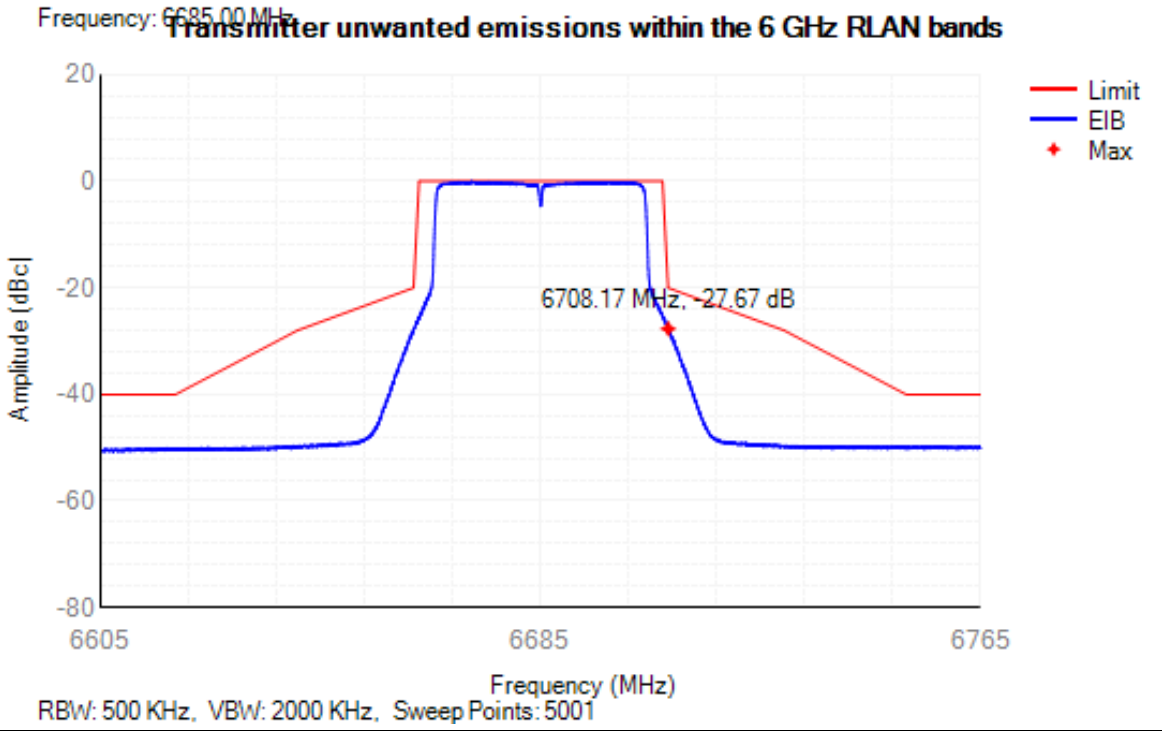
Power spectral mask NVNT ax20 6855MHz



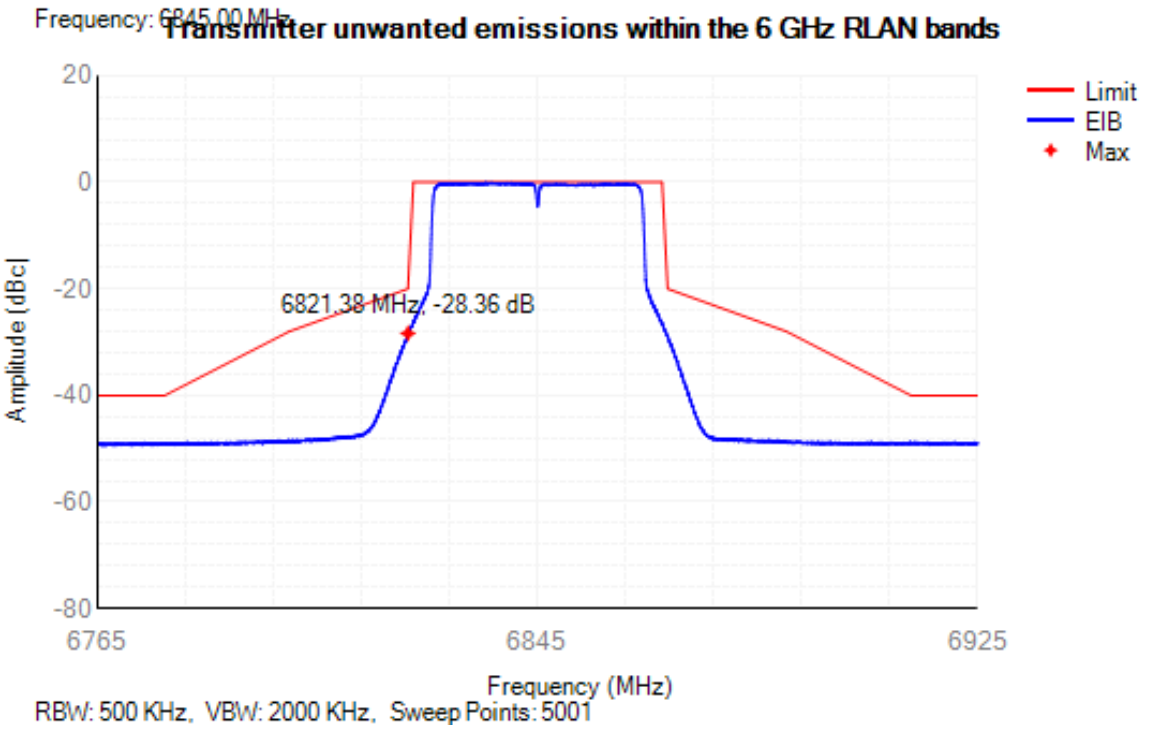
Power spectral mask NVNT ax40 6565MHz



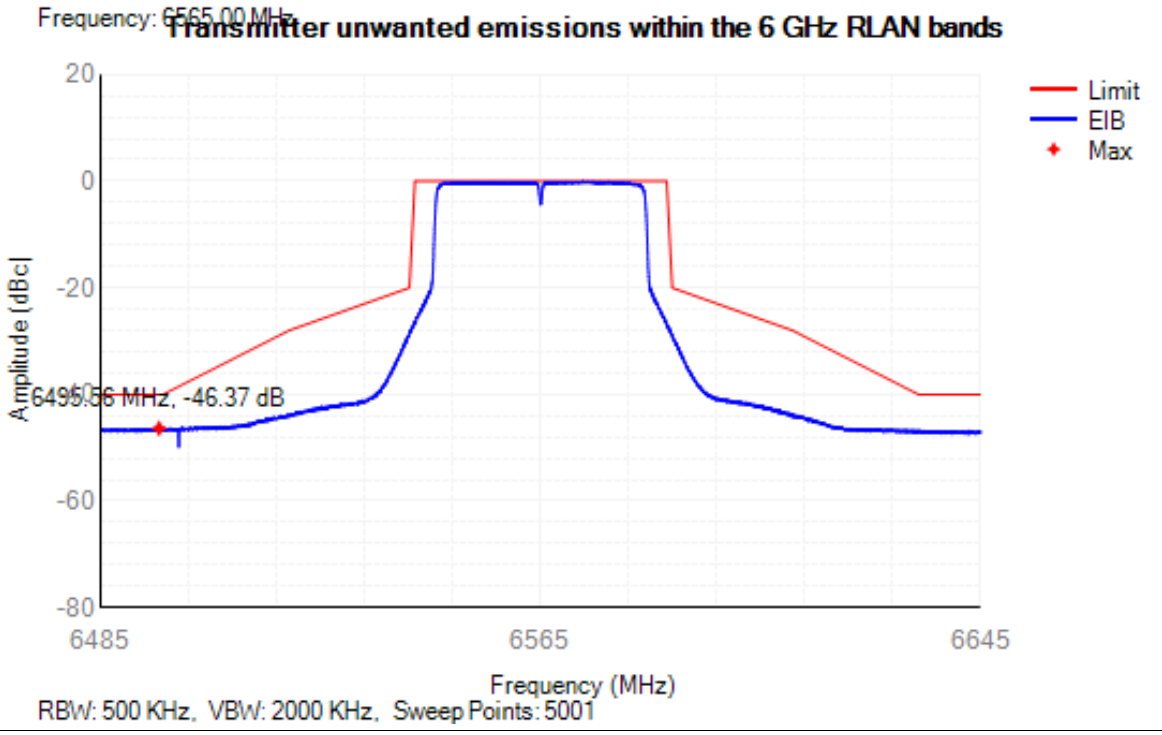
Power spectral mask NVNT ax40 6685MHz



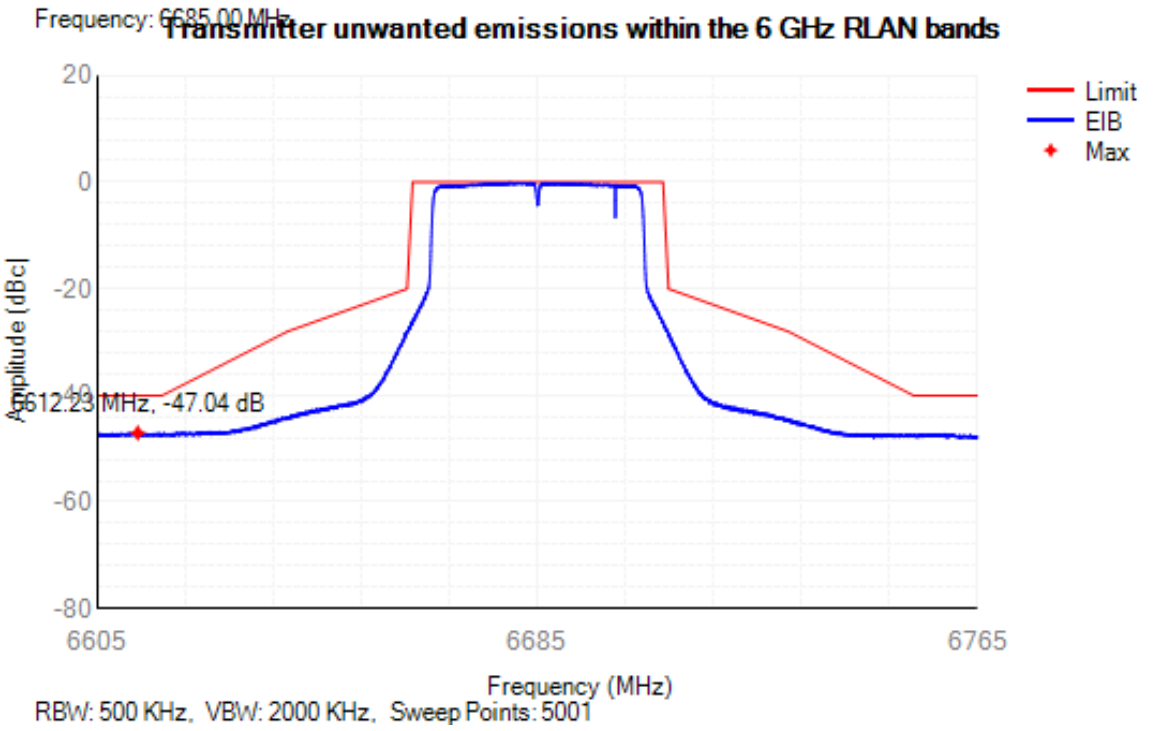
Power spectral mask NVNT ax40 6845MHz



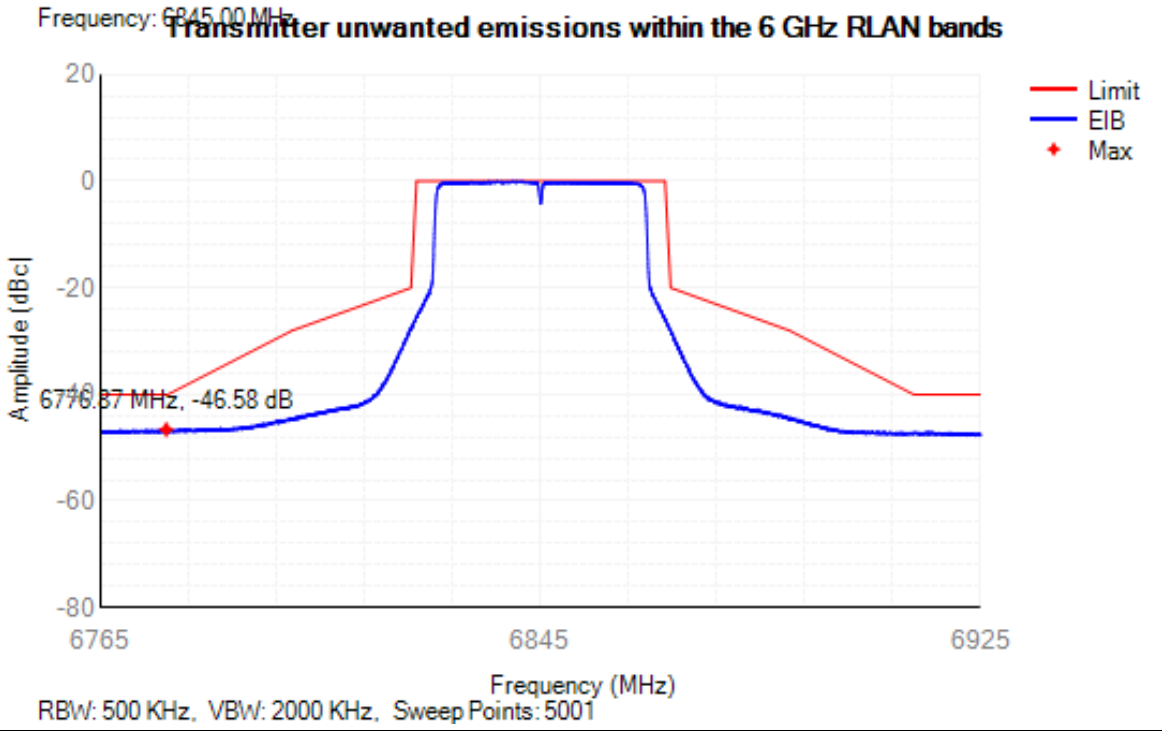
Power spectral mask NVNT ax40 6565MHz



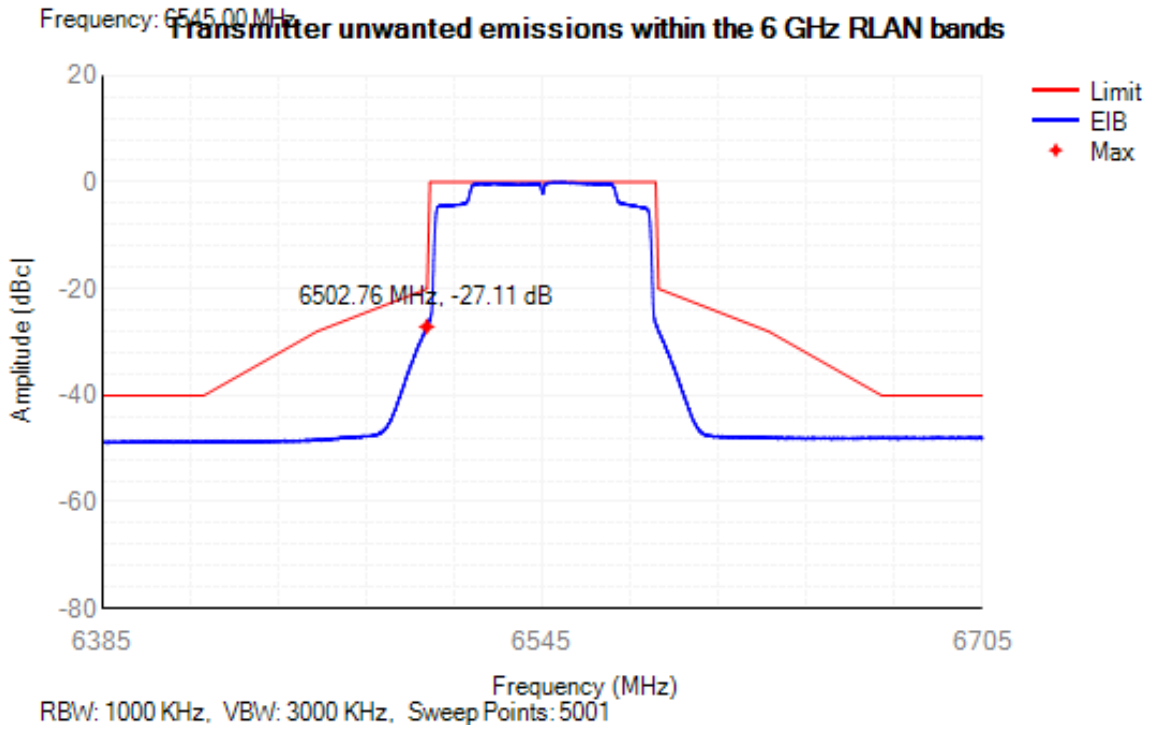
Power spectral mask NVNT ax40 6685MHz



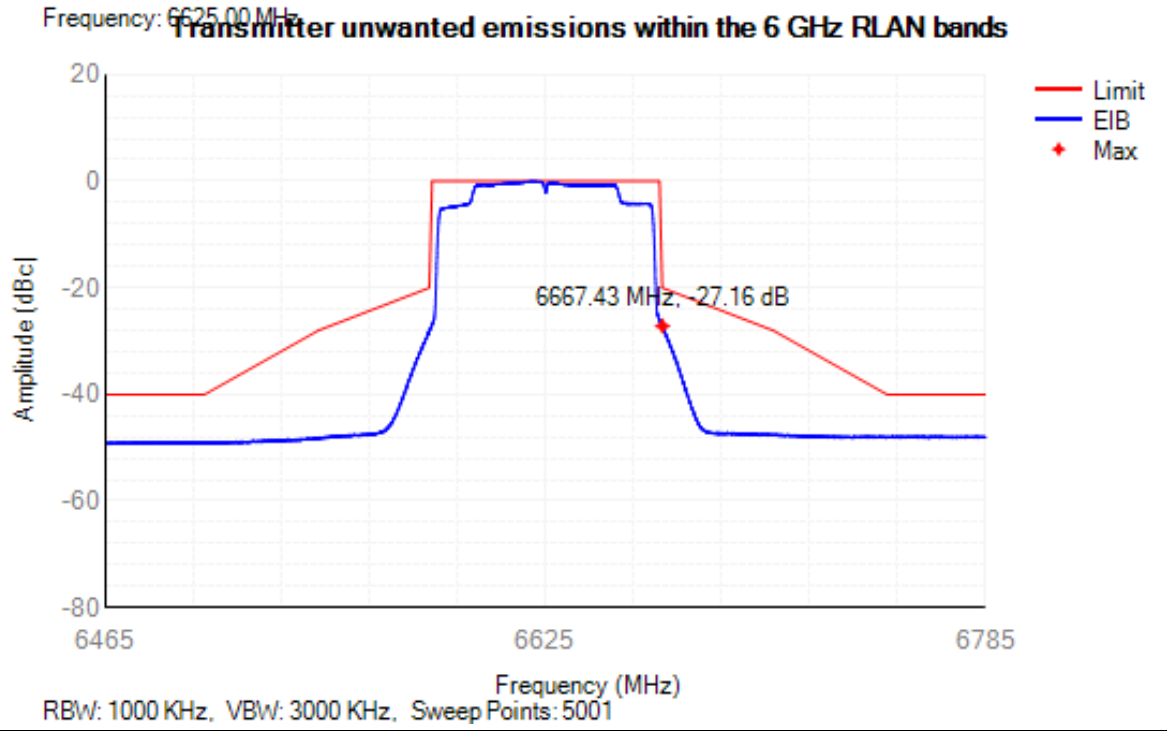
Power spectral mask NVNT ax40 6845MHz



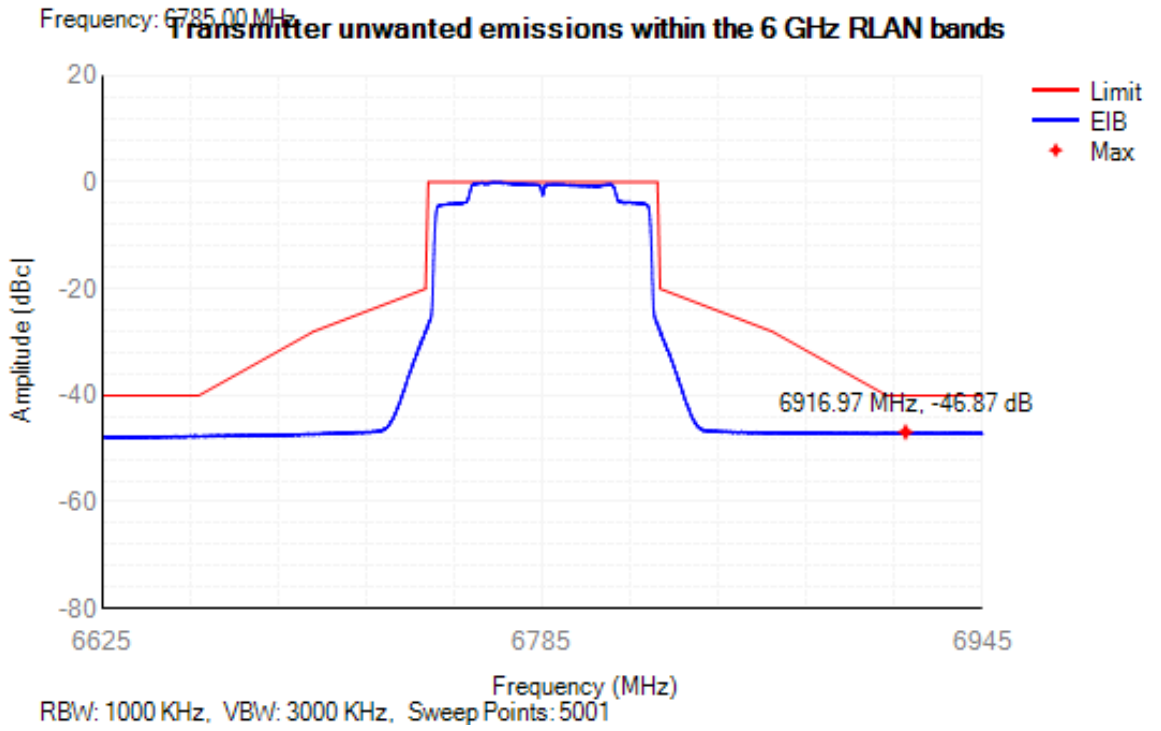
Power spectral mask NVNT ax80 6545MHz



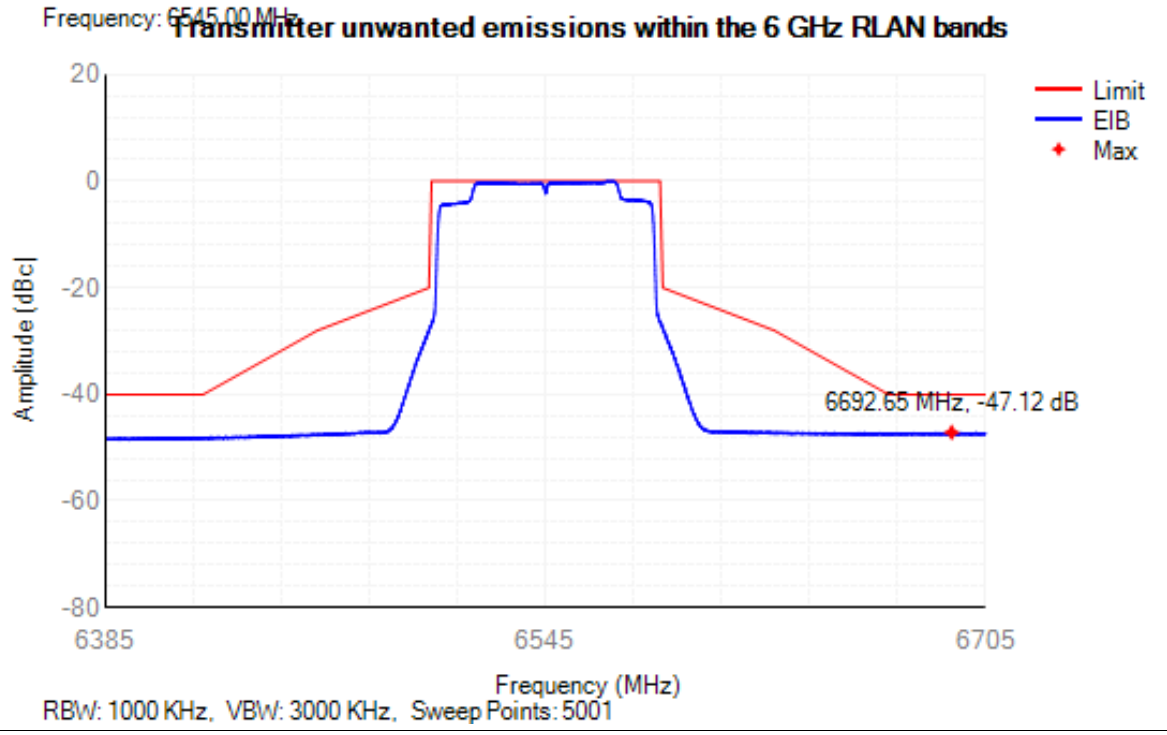
Power spectral mask NVNT ax80 6625MHz



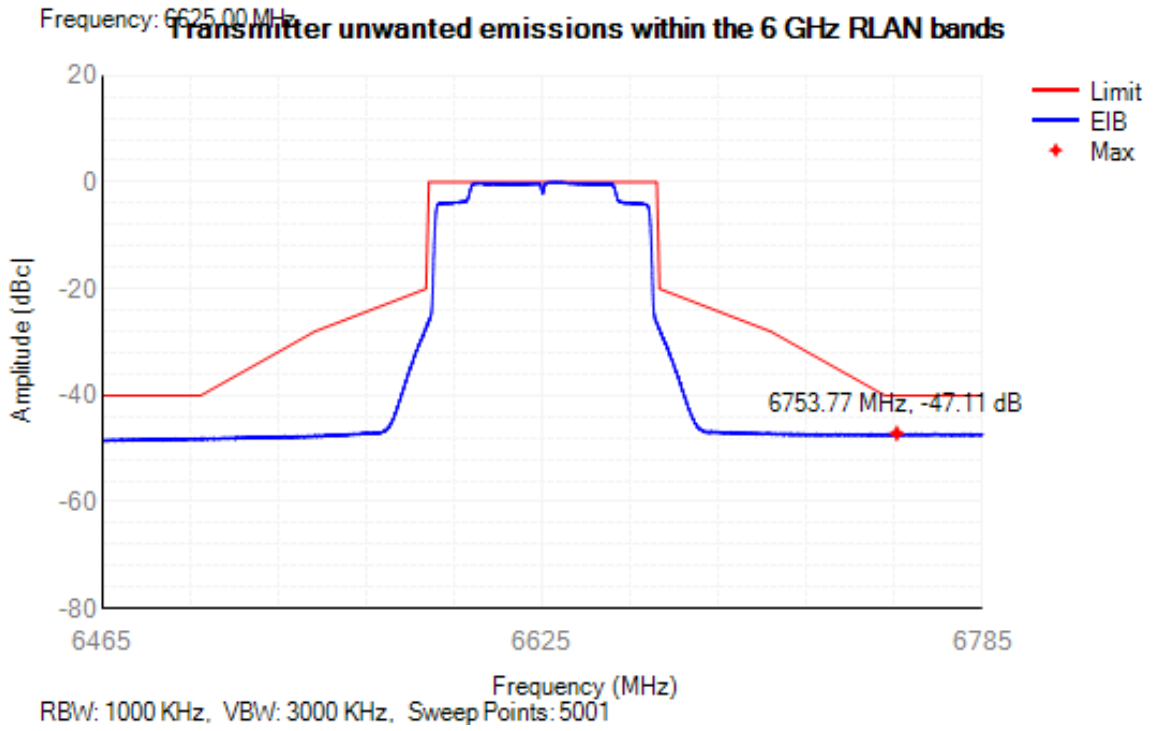
Power spectral mask NVNT ax80 6785MHz



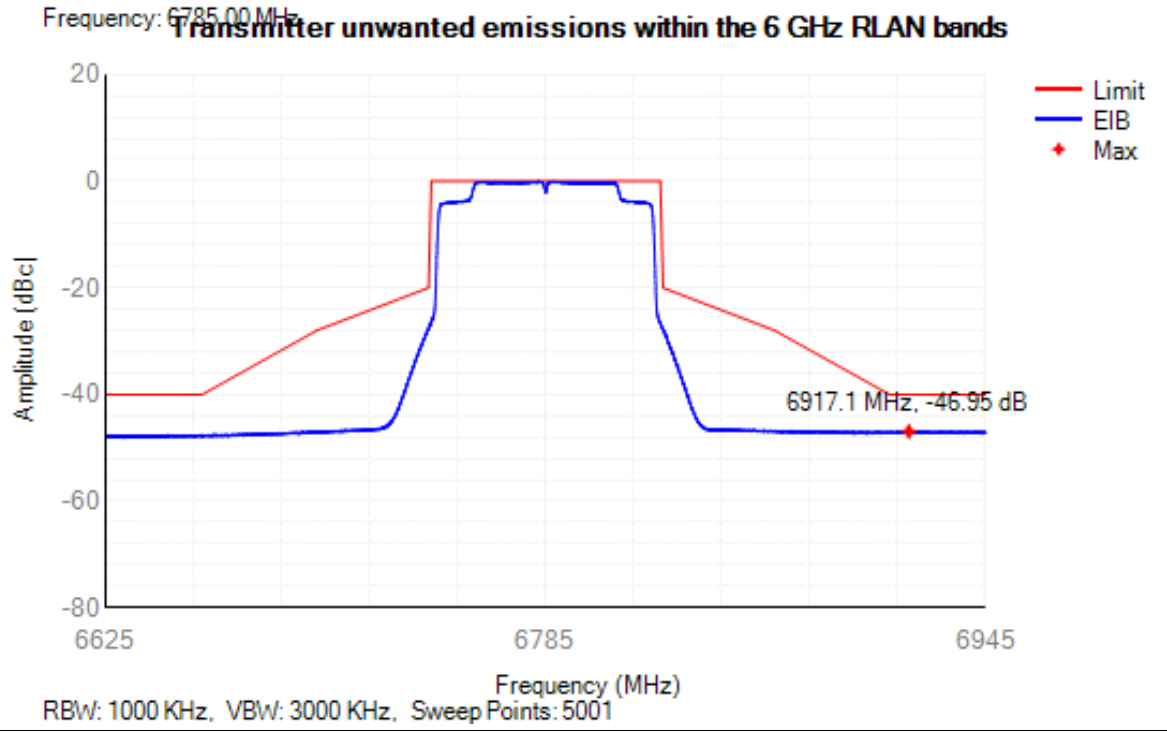
Power spectral mask NVNT ax80 6545MHz



Power spectral mask NVNT ax80 6625MHz



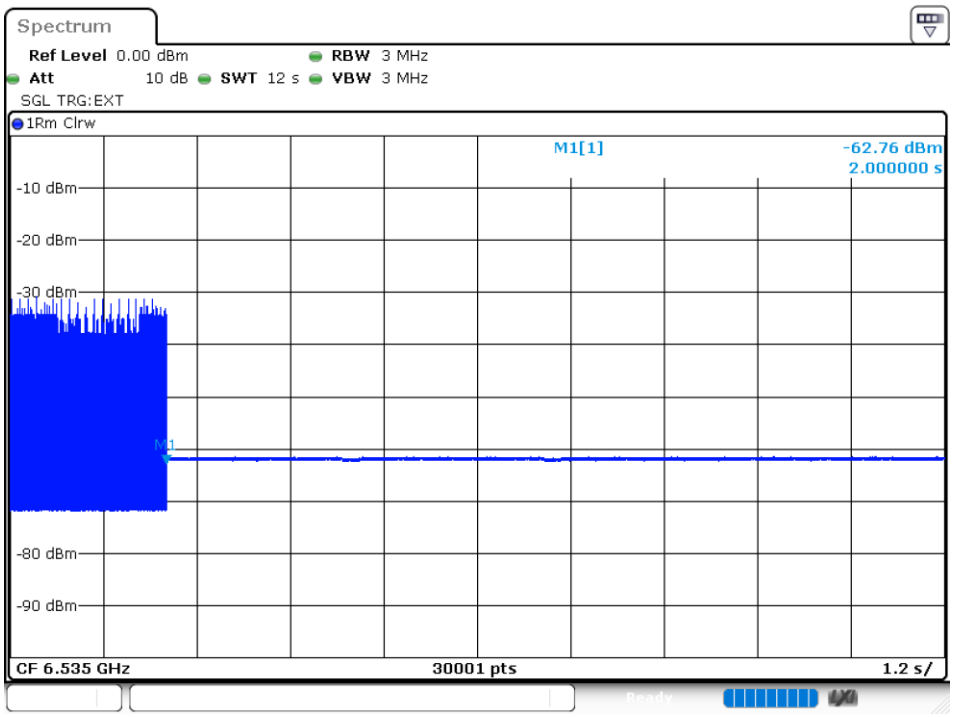
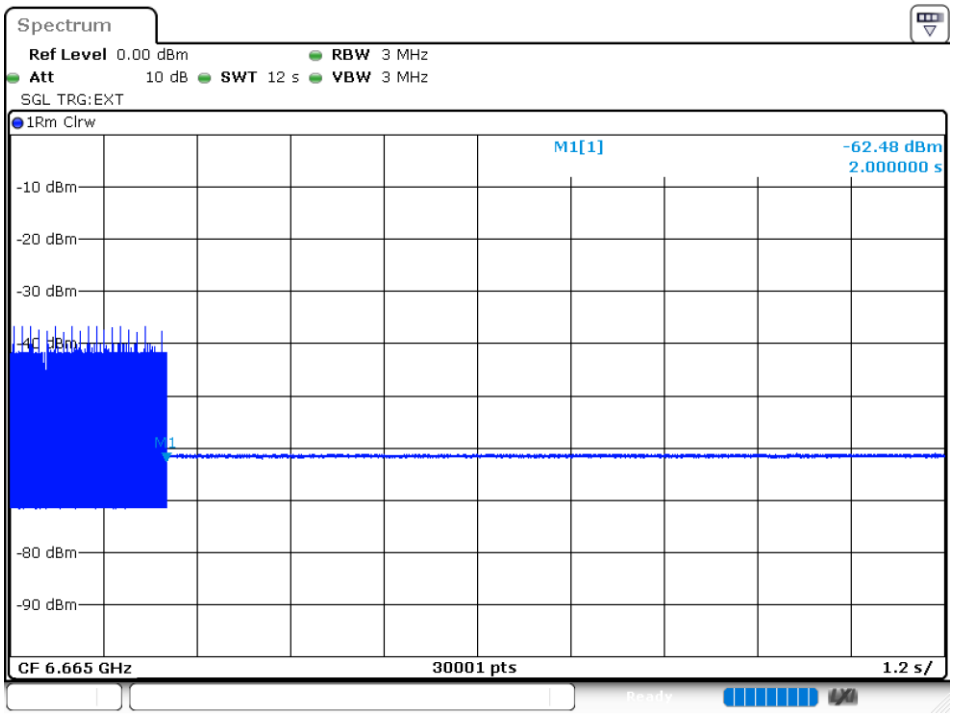
Power spectral mask NVNT ax80 6785MHz



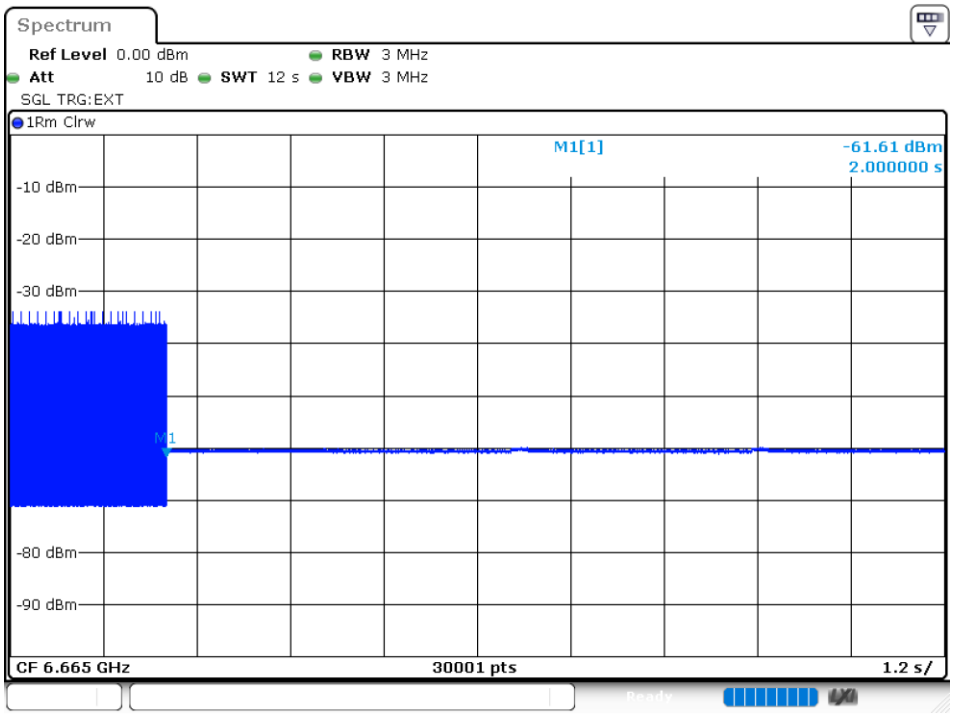
Contention Based Protocol

Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW20)	117	6535	6535	-60.83	OFF	-64.11	-62	10	100	>90	PASS
				-61.52	Minimal	-64.8					
				-62.7	ON	-65.98					

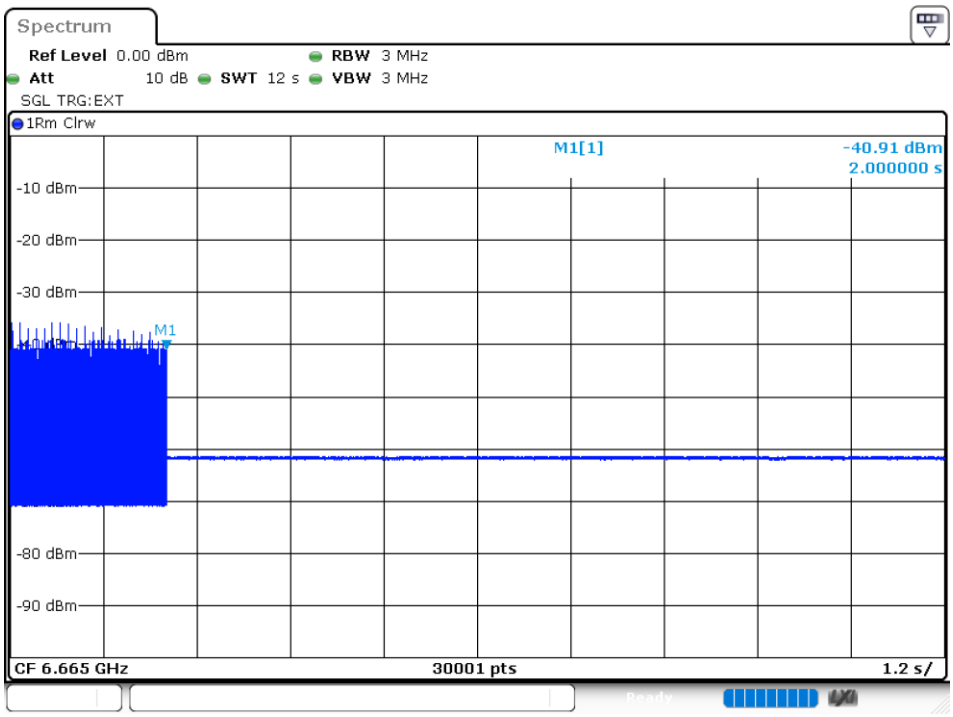
Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW160)	143	6665	6590	-63.78	OFF	-67.06	-62	10	100	>90	PASS
				-65	Minimal	-68.28					
				-65.63	ON	-68.91					
			6665	-63.2	OFF	-66.48	-62	10	100	>90	PASS
				-64.56	Minimal	-67.84					
				-65.34	ON	-68.62					
			6740	-63.86	OFF	-67.14	-62	10	100	>90	PASS
				-64.37	Minimal	-67.65					
				-66.06	ON	-69.34					

Test Graphs
Contention Based Protocol NVNT ax20 6535MHz Interfere 6535 MHz_1

Contention Based Protocol NVNT ax160 6665MHz Interfere 6590 MHz_1


Contention Based Protocol NVNT ax160 6665MHz Interfere 6665 MHz_1



Contention Based Protocol NVNT ax160 6665MHz Interfere 6740 MHz_1

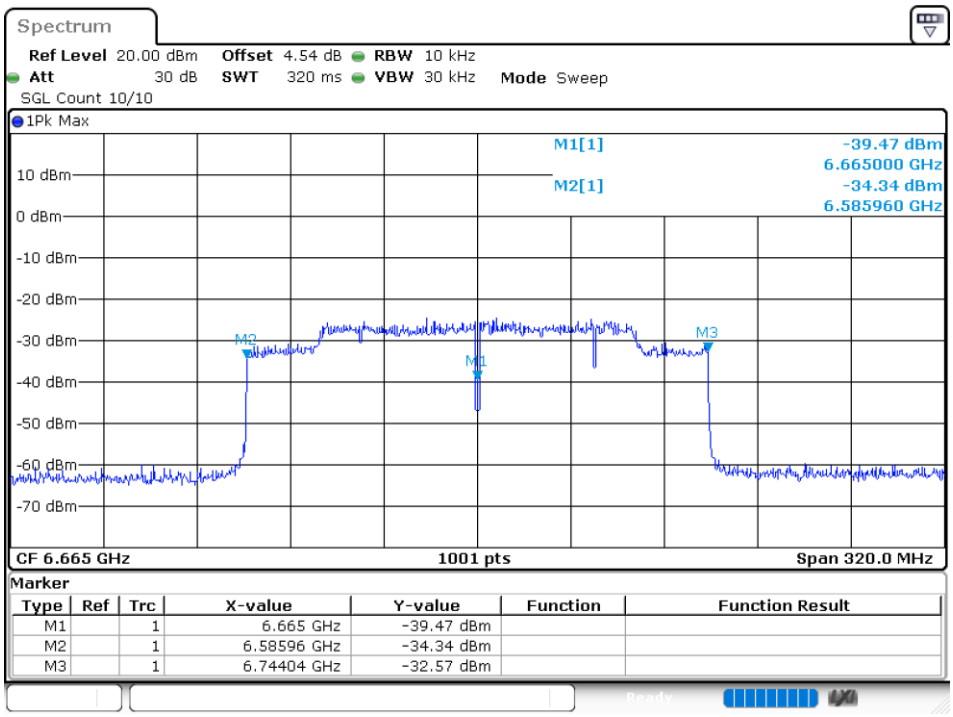


Frequency Stability

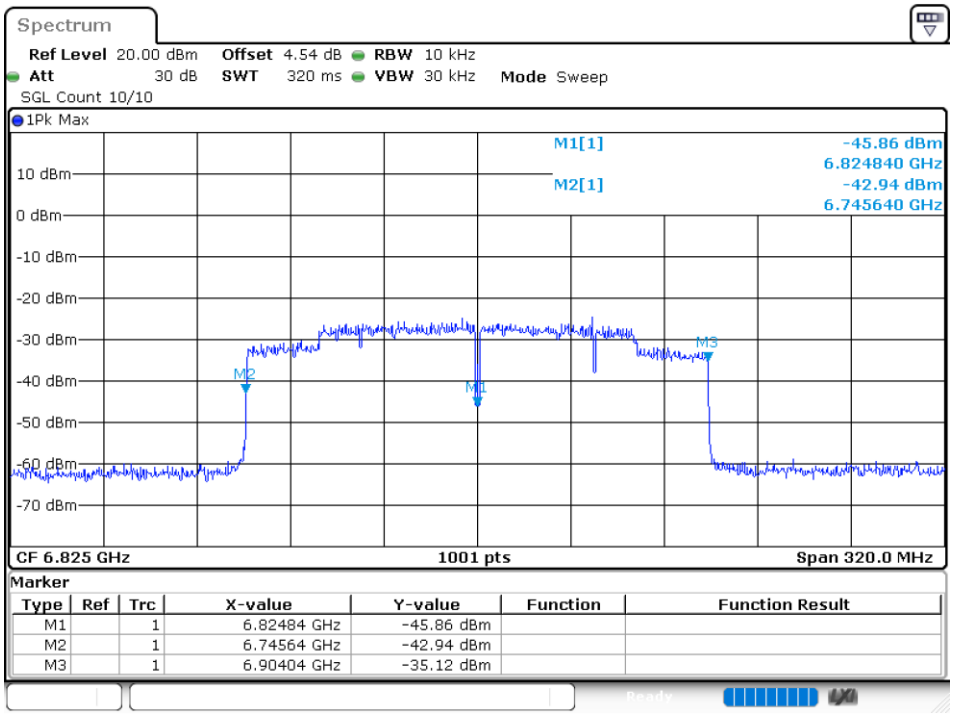
Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6665	Ant1	6665	0	0	25	Pass
NVNT	ax160	0	6825	Ant1	6824.84	-160000	-23.44	25	Pass
NVNT	ax160	0	6665	Ant2	6664.84	-160000	-24.01	25	Pass
NVNT	ax160	0	6825	Ant2	6824.84	-160000	-23.44	25	Pass
NVNT	ax20	0	6535	Ant1	6534.98	-20000	-3.06	25	Pass
NVNT	ax20	0	6695	Ant1	6694.98	-20000	-2.99	25	Pass
NVNT	ax20	0	6855	Ant1	6854.98	-20000	-2.92	25	Pass
NVNT	ax20	0	6535	Ant2	6534.98	-20000	-3.06	25	Pass
NVNT	ax20	0	6695	Ant2	6694.98	-20000	-2.99	25	Pass
NVNT	ax20	0	6855	Ant2	6854.98	-20000	-2.92	25	Pass
NVNT	ax40	0	6565	Ant1	6565	0	0	25	Pass
NVNT	ax40	0	6685	Ant1	6685	0	0	25	Pass
NVNT	ax40	0	6845	Ant1	6845	0	0	25	Pass
NVNT	ax40	0	6565	Ant2	6565	0	0	25	Pass
NVNT	ax40	0	6685	Ant2	6685	0	0	25	Pass
NVNT	ax40	0	6845	Ant2	6845	0	0	25	Pass
NVNT	ax80	0	6545	Ant1	6544.84	-160000	-24.45	25	Pass
NVNT	ax80	0	6625	Ant1	6625	0	0	25	Pass
NVNT	ax80	0	6785	Ant1	6785	0	0	25	Pass
NVNT	ax80	0	6545	Ant2	6544.92	-80000	-12.22	25	Pass
NVNT	ax80	0	6625	Ant2	6624.92	-80000	-12.08	25	Pass
NVNT	ax80	0	6785	Ant2	6784.92	-80000	-11.79	25	Pass

Test Graphs

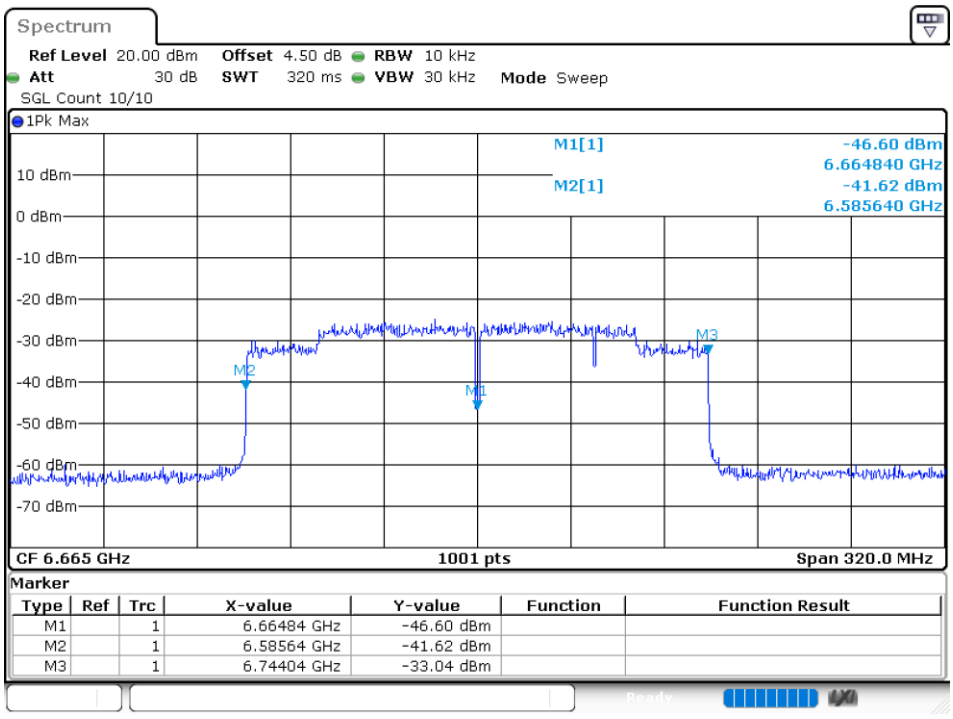
Freq. Stability NVNT ax160 6665MHz Ant1 0 Minutes



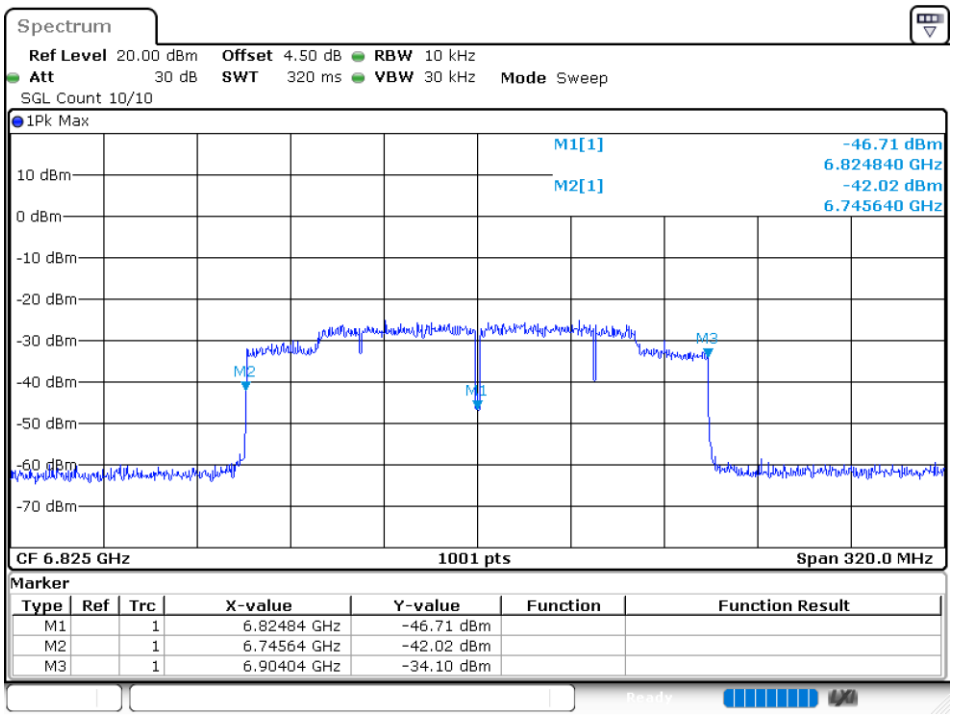
Freq. Stability NVNT ax160 6825MHz Ant1 0 Minutes



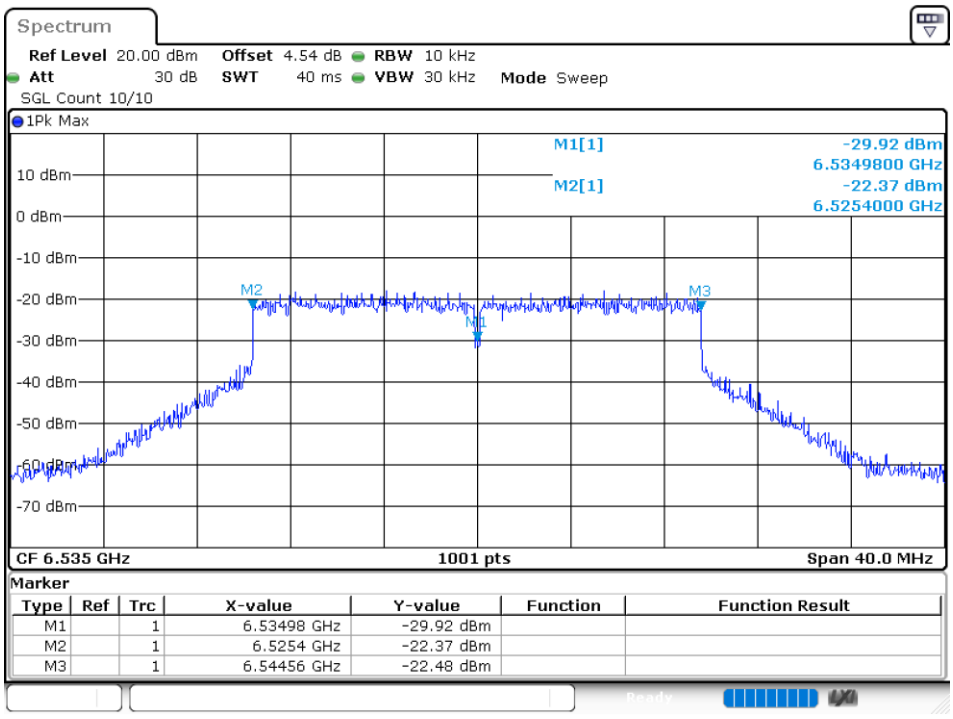
Freq. Stability NVNT ax160 6665MHz Ant2 0 Minutes



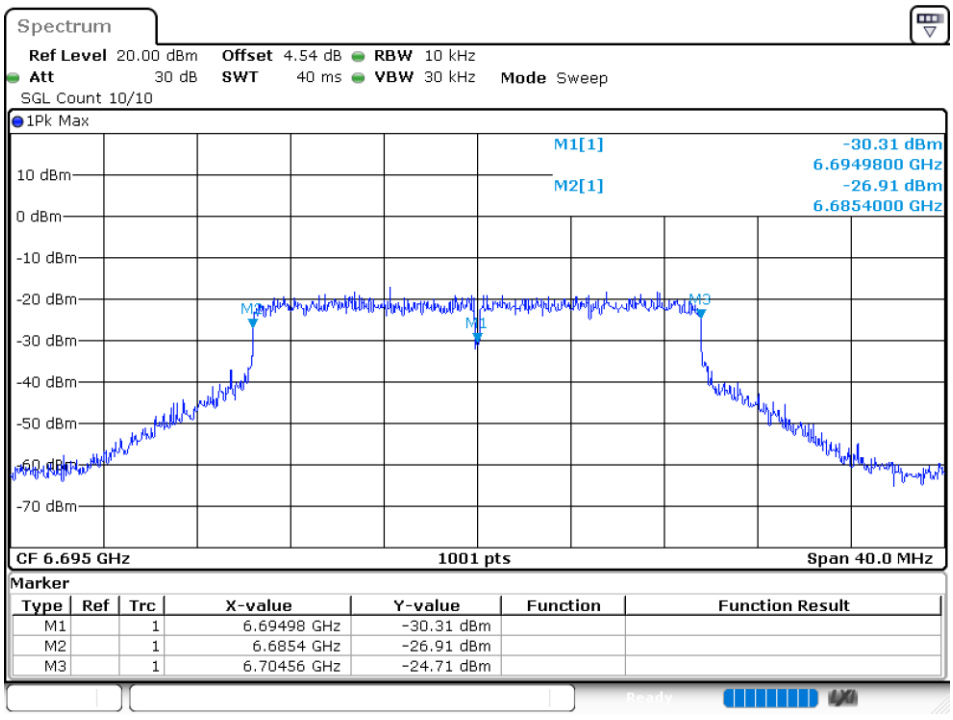
Freq. Stability NVNT ax160 6825MHz Ant2 0 Minutes



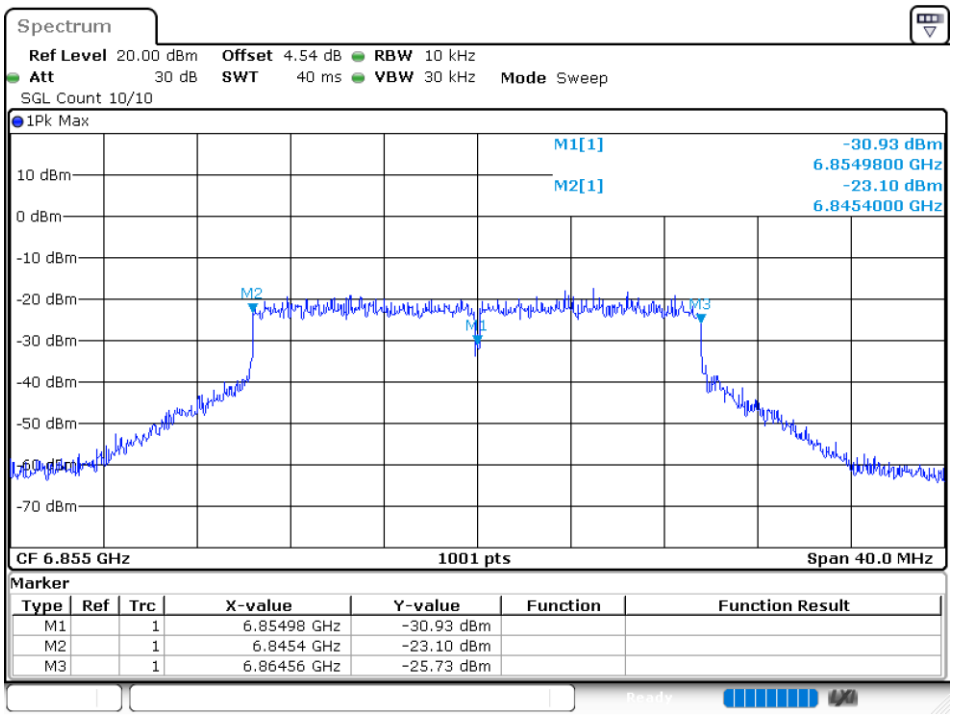
Freq. Stability NVNT ax20 6535MHz Ant1 0 Minutes



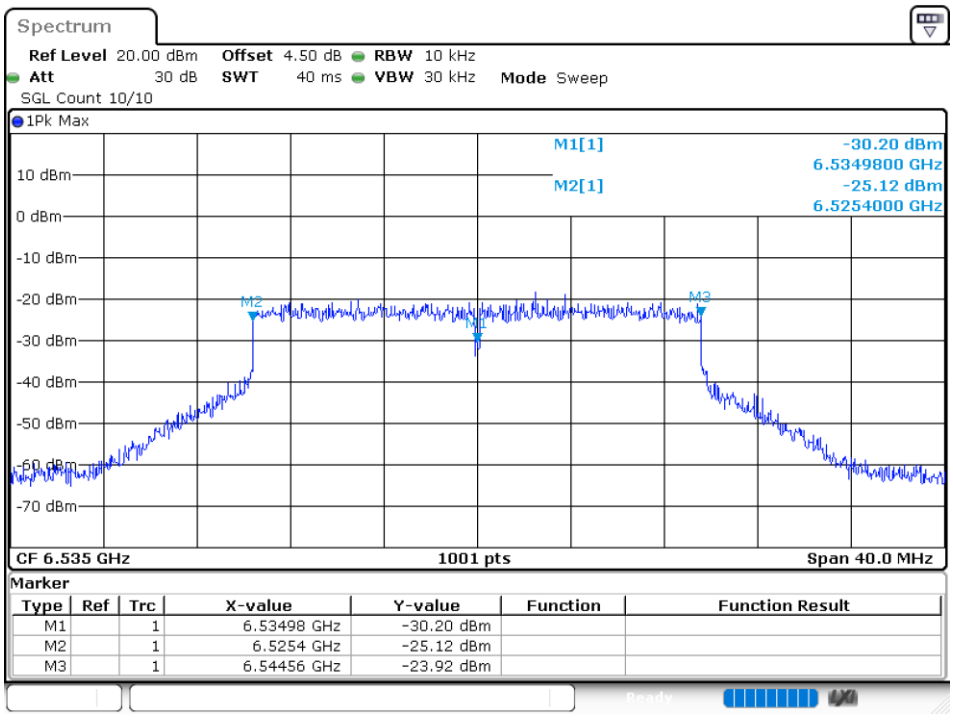
Freq. Stability NVNT ax20 6695MHz Ant1 0 Minutes



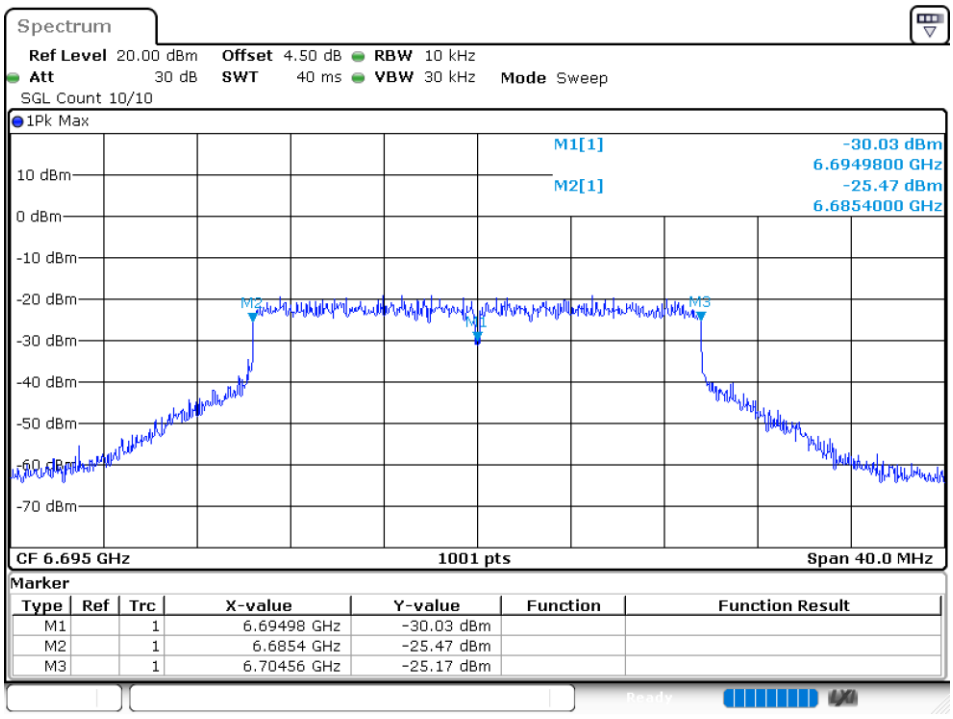
Freq. Stability NVNT ax20 6855MHz Ant1 0 Minutes



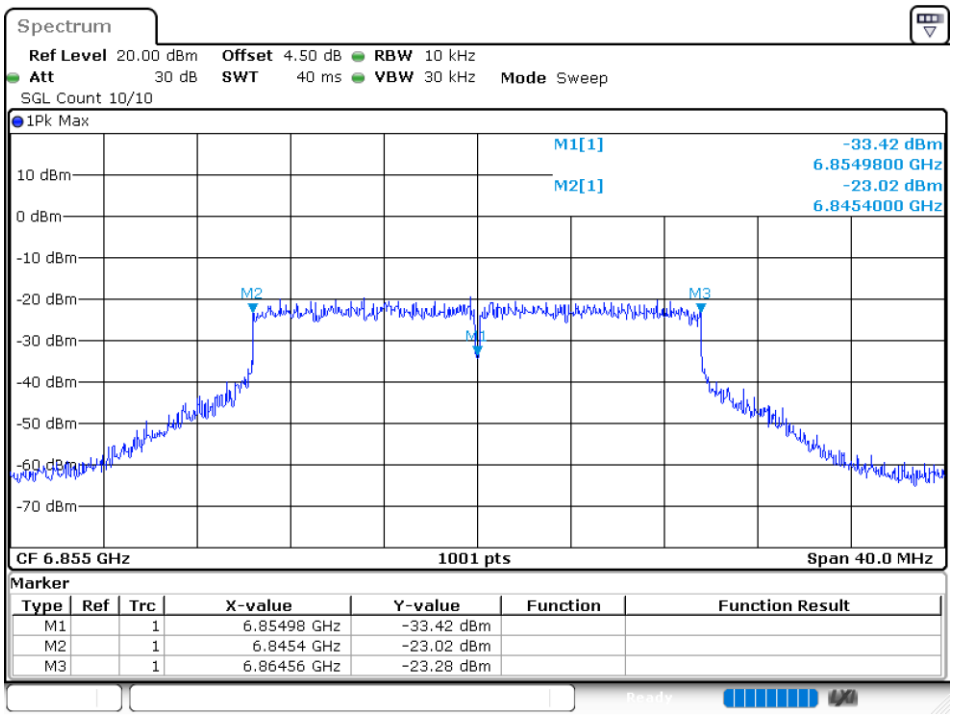
Freq. Stability NVNT ax20 6535MHz Ant2 0 Minutes



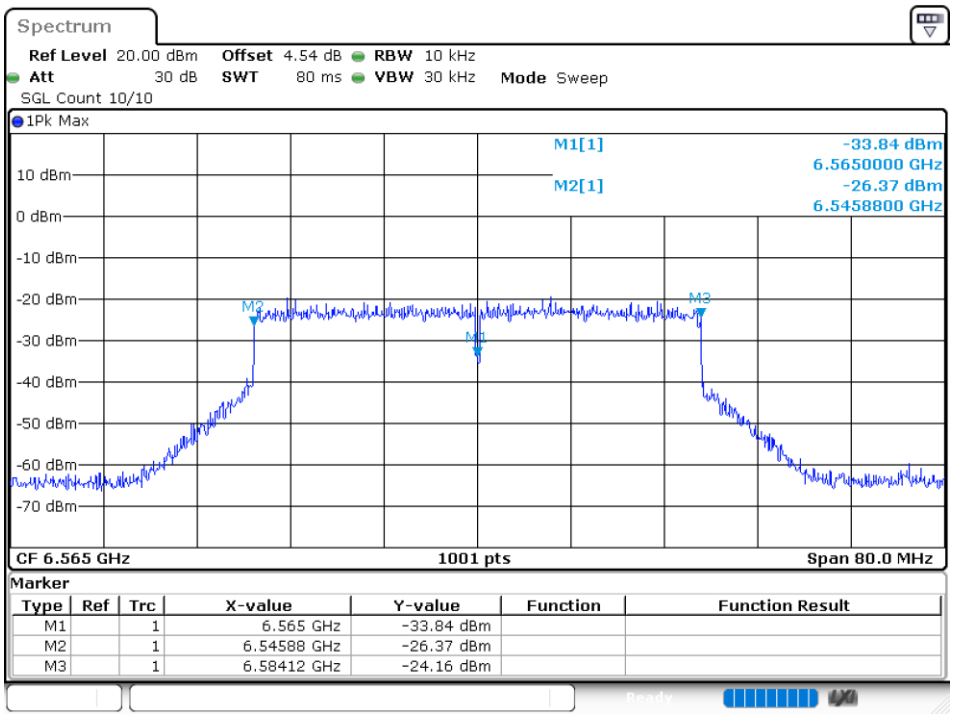
Freq. Stability NVNT ax20 6695MHz Ant2 0 Minutes



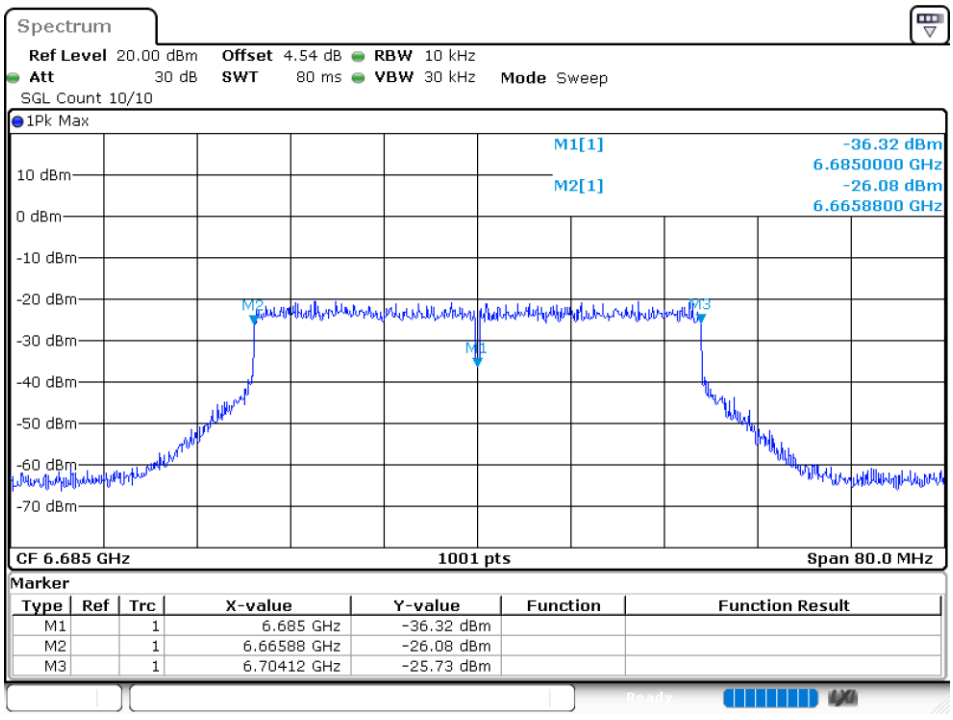
Freq. Stability NVNT ax20 6855MHz Ant2 0 Minutes



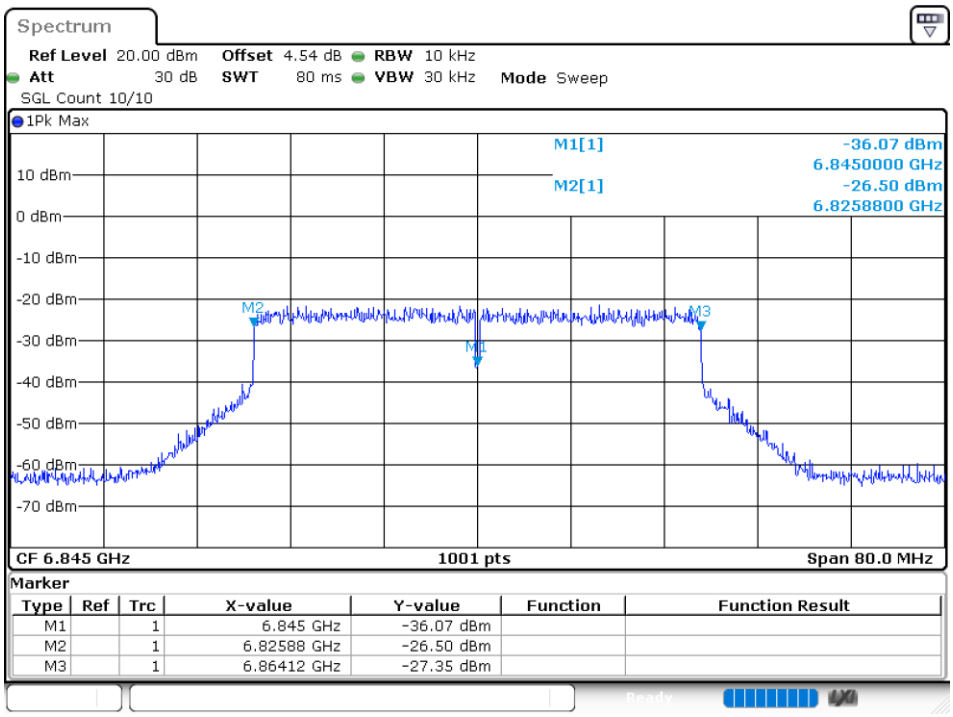
Freq. Stability NVNT ax40 6565MHz Ant1 0 Minutes



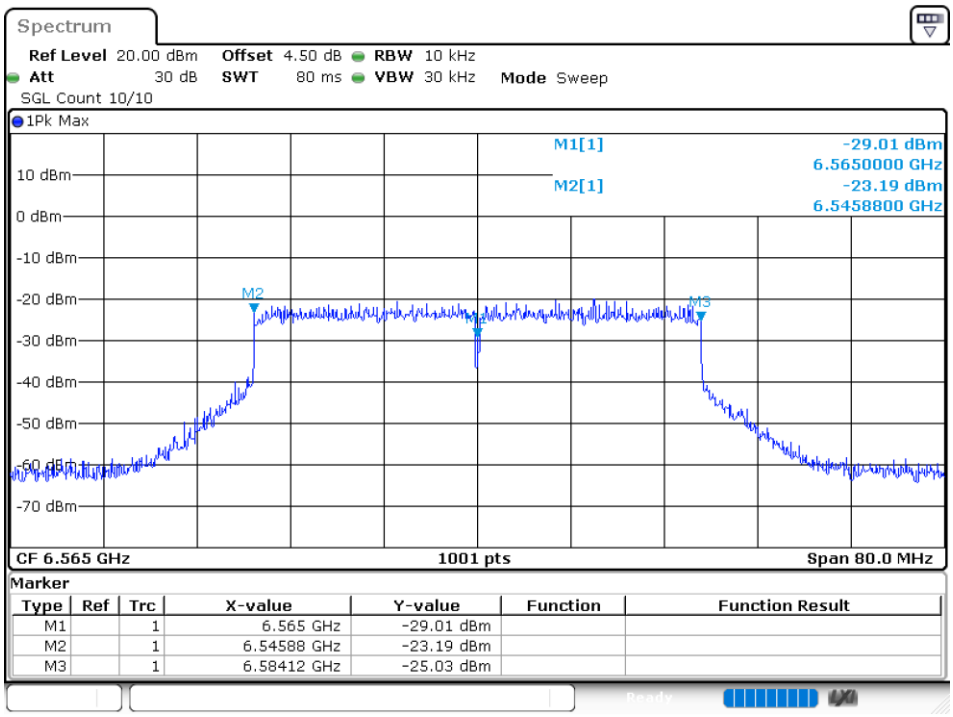
Freq. Stability NVNT ax40 6685MHz Ant1 0 Minutes



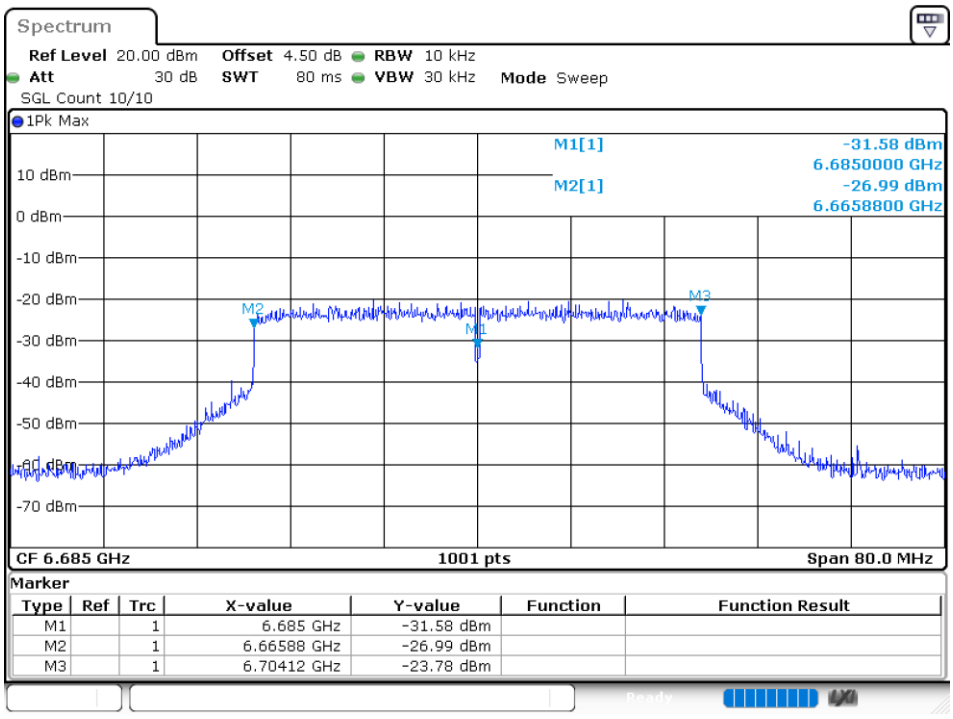
Freq. Stability NVNT ax40 6845MHz Ant1 0 Minutes



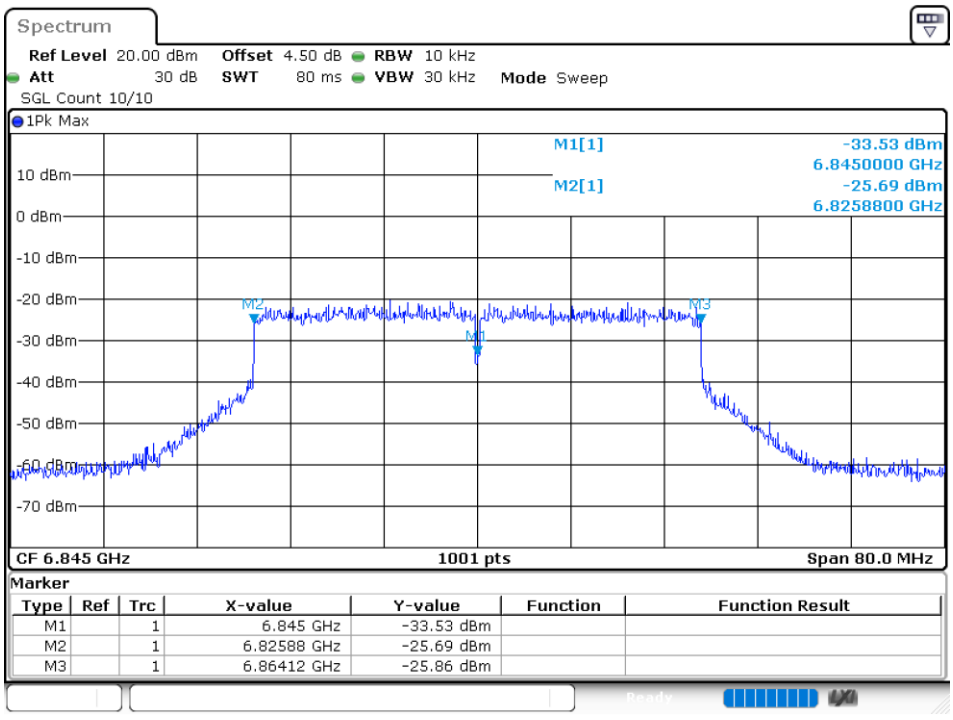
Freq. Stability NVNT ax40 6565MHz Ant2 0 Minutes



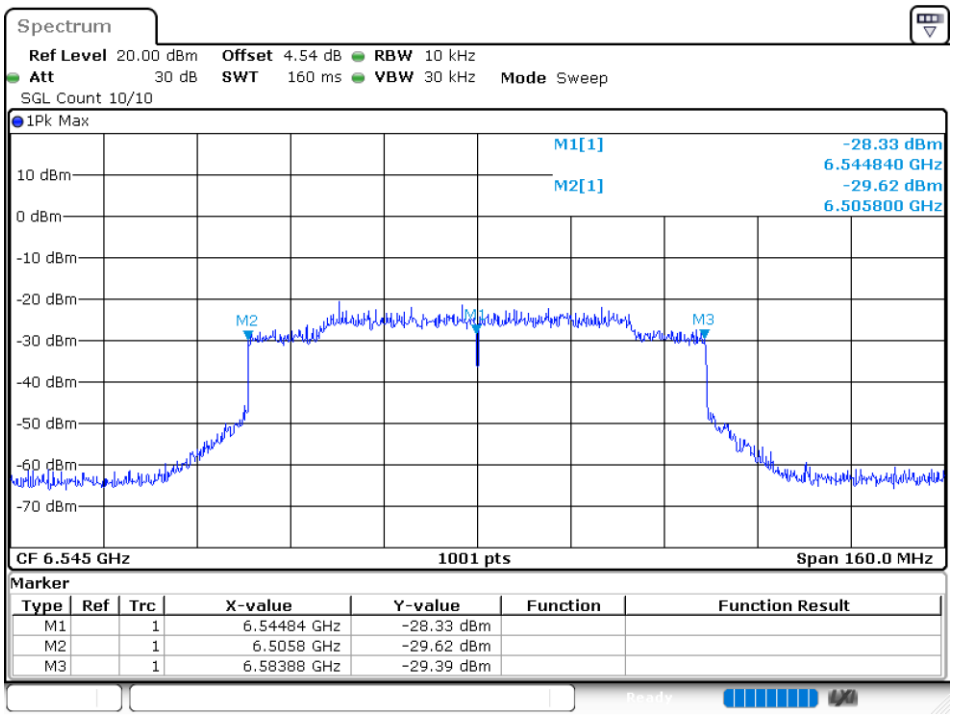
Freq. Stability NVNT ax40 6685MHz Ant2 0 Minutes



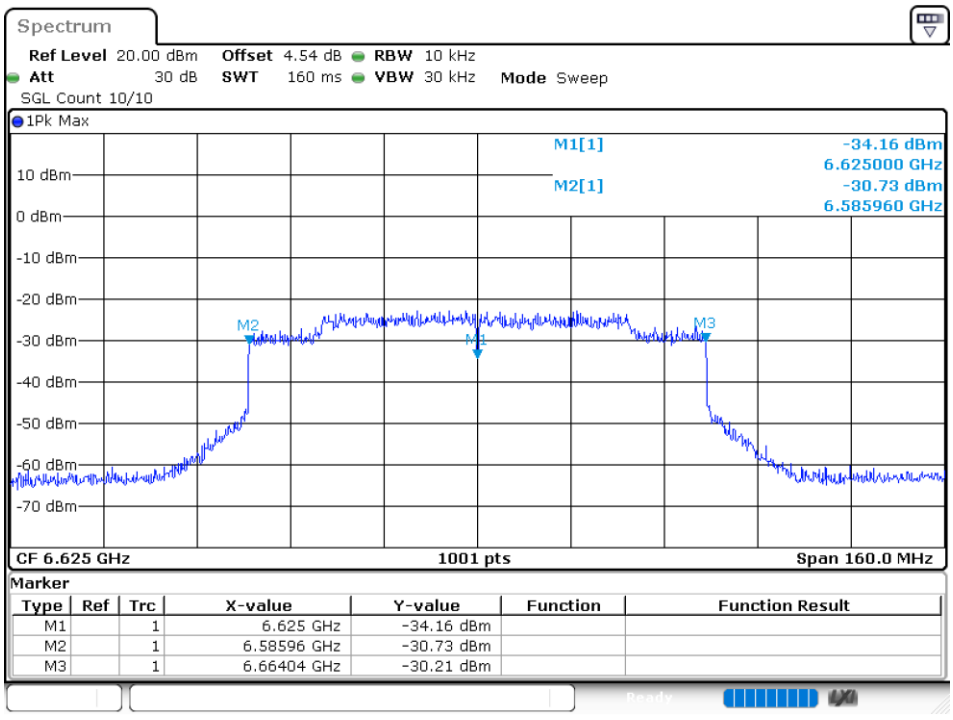
Freq. Stability NVNT ax40 6845MHz Ant2 0 Minutes



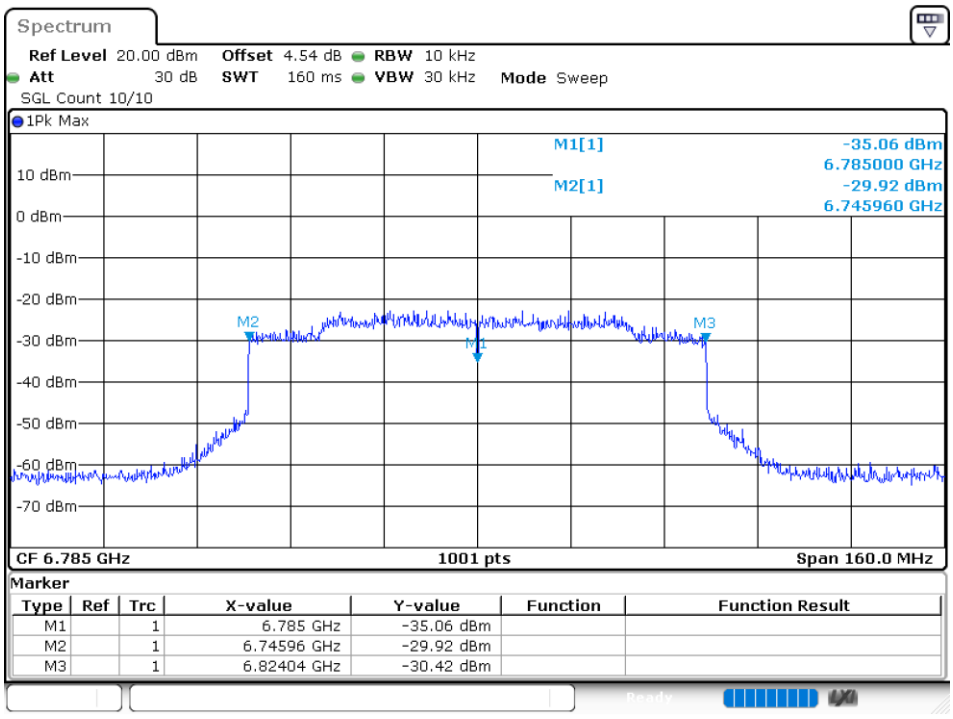
Freq. Stability NVNT ax80 6545MHz Ant1 0 Minutes



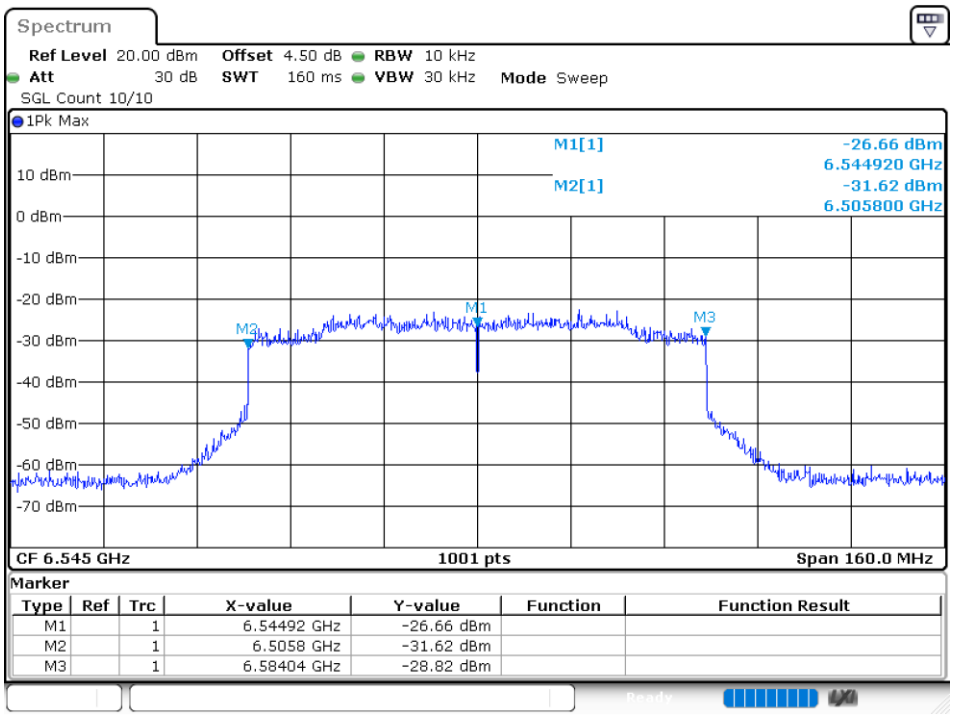
Freq. Stability NVNT ax80 6625MHz Ant1 0 Minutes



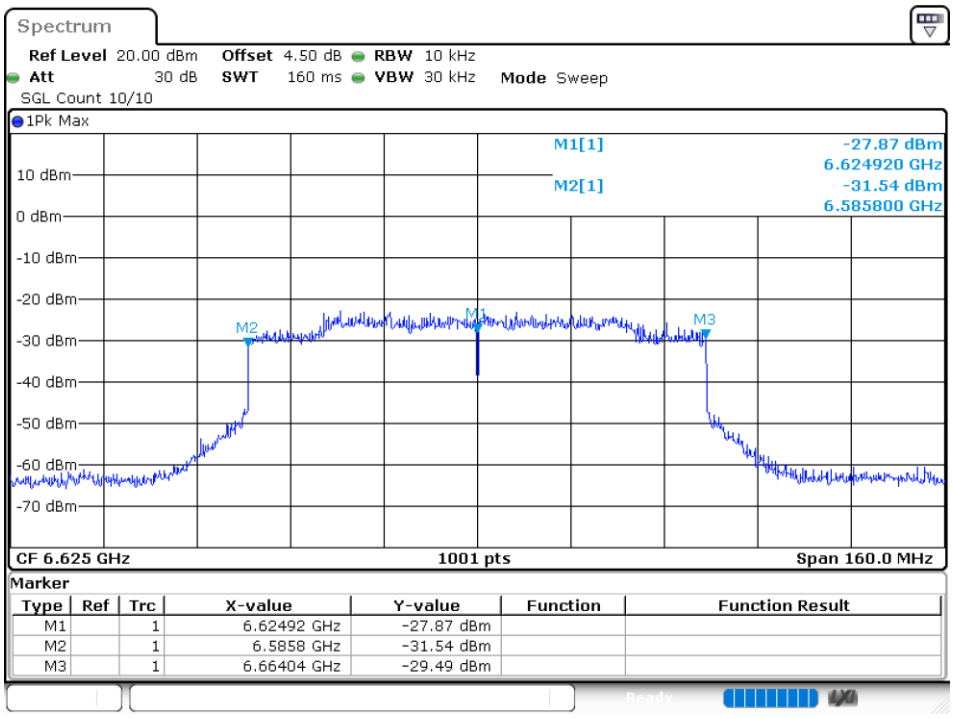
Freq. Stability NVNT ax80 6785MHz Ant1 0 Minutes



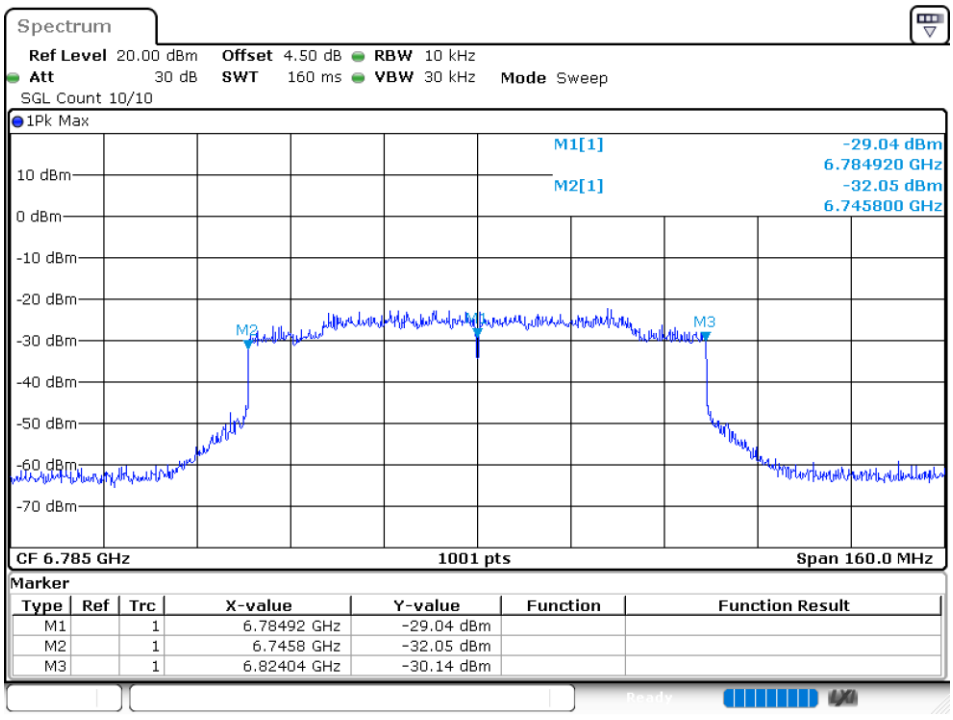
Freq. Stability NVNT ax80 6545MHz Ant2 0 Minutes



Freq. Stability NVNT ax80 6625MHz Ant2 0 Minutes



Freq. Stability NVNT ax80 6785MHz Ant2 0 Minutes

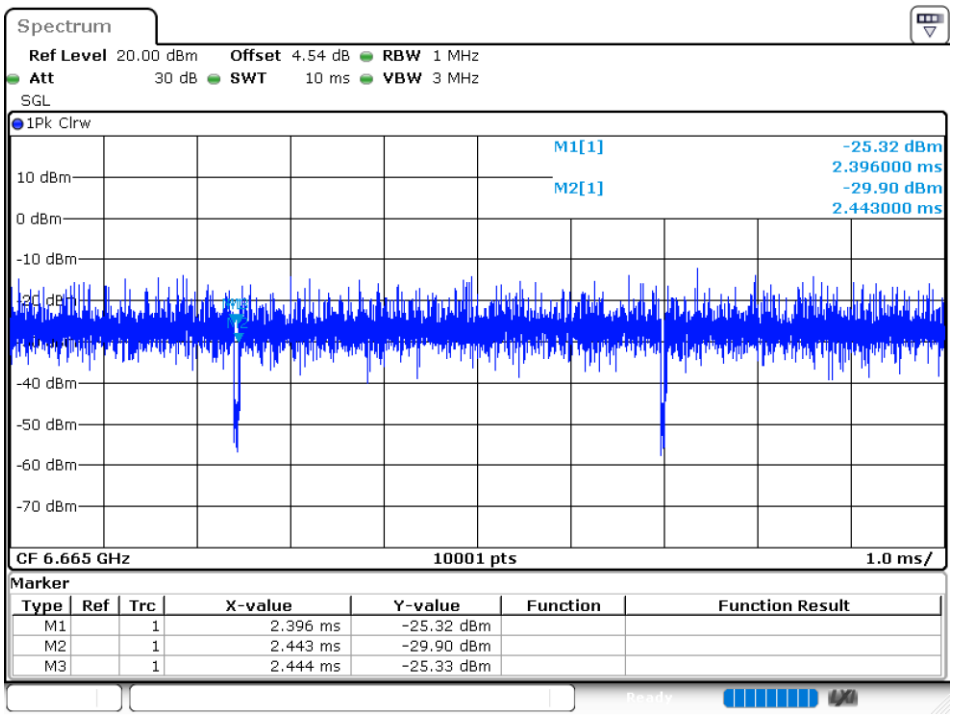


6.7G WIFI MIMO

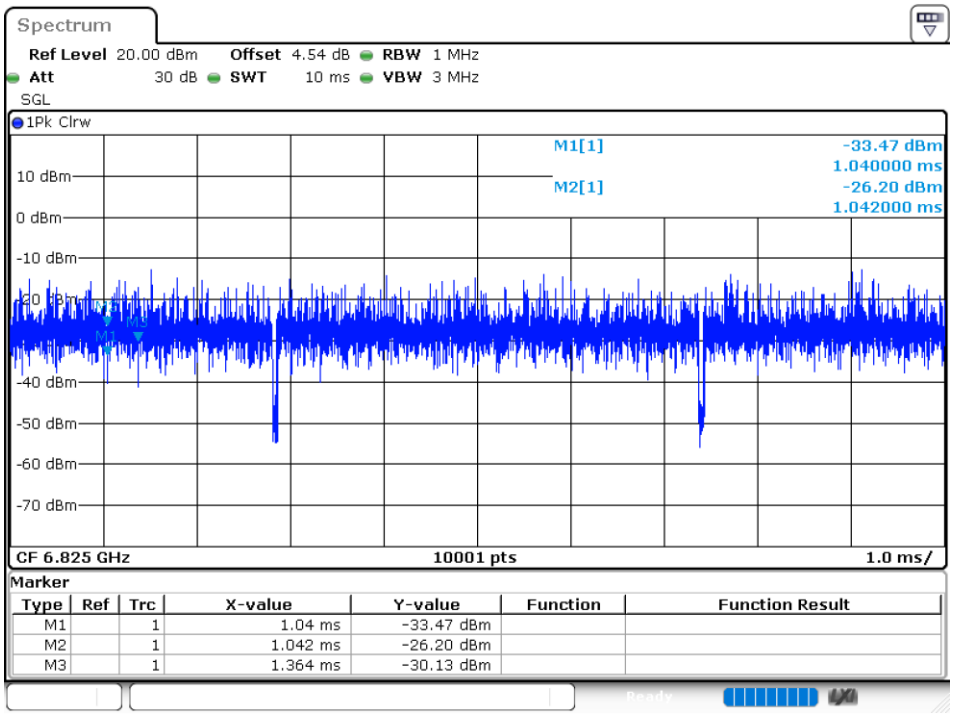
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6665	Sum	98.91	0	0.22
NVNT	ax160	6825	Sum	98.9	0	0.22
NVNT	ax20	6535	Sum	99.54	0	0
NVNT	ax20	6695	Sum	97.65	0.1	0.51
NVNT	ax20	6855	Sum	99.54	0	0
NVNT	ax40	6565	Sum	99.8	0	0.98
NVNT	ax40	6685	Sum	99.74	0	1.32
NVNT	ax40	6845	Sum	99.79	0	1.06
NVNT	ax80	6545	Sum	99.37	0	0.13
NVNT	ax80	6625	Sum	99.37	0	0.13
NVNT	ax80	6785	Sum	99.49	0	0.13

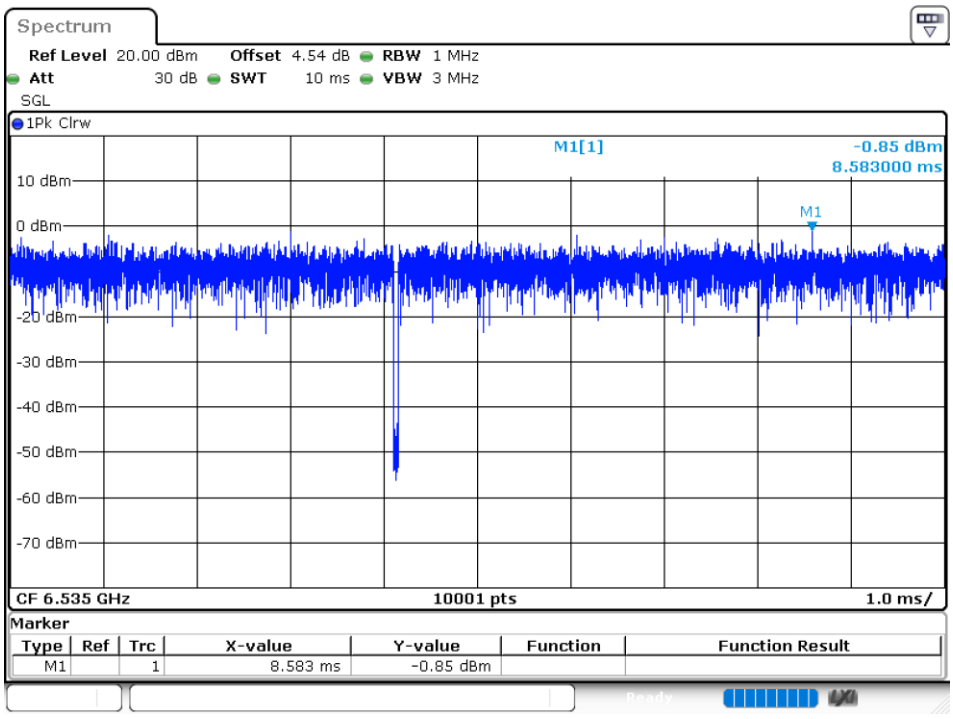
Test Graphs
Duty Cycle NVNT ax160 6665MHz Sum



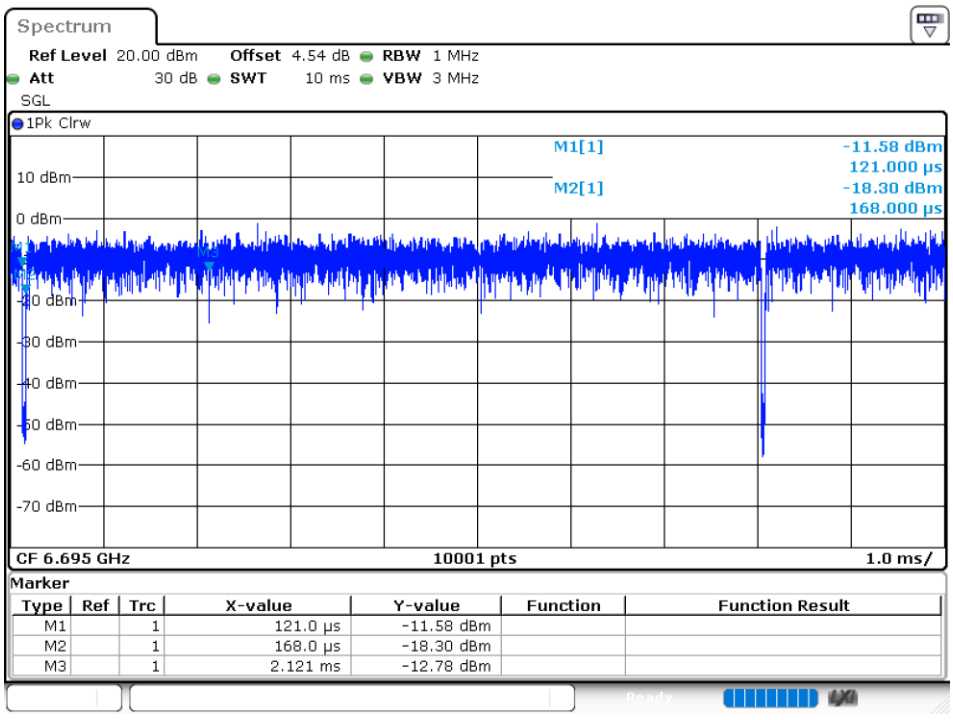
Duty Cycle NVNT ax160 6825MHz Sum



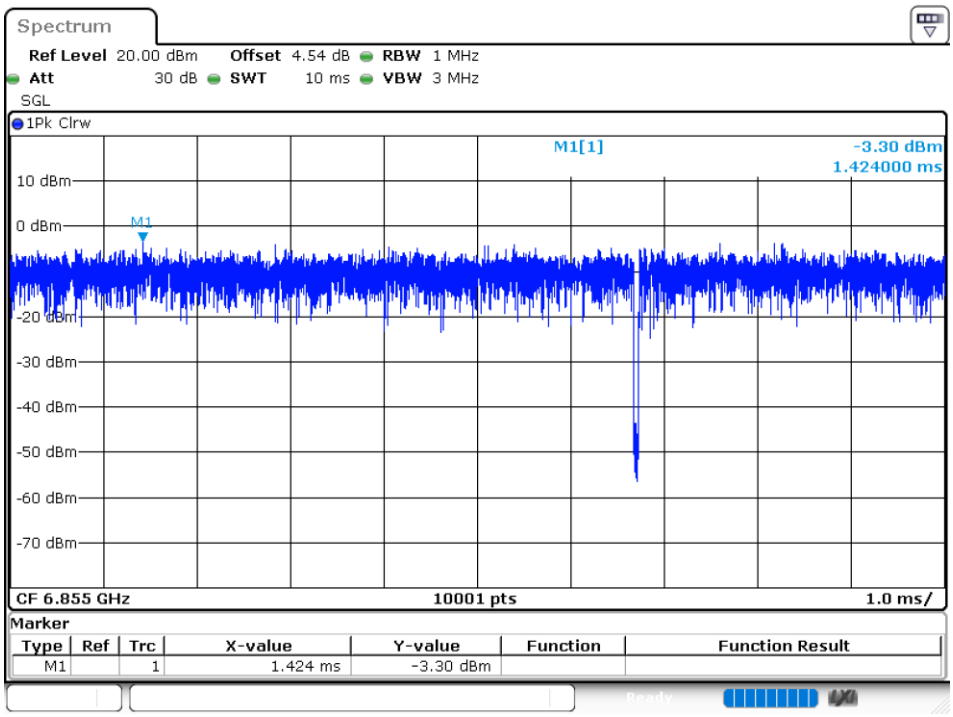
Duty Cycle NVNT ax20 6535MHz Sum



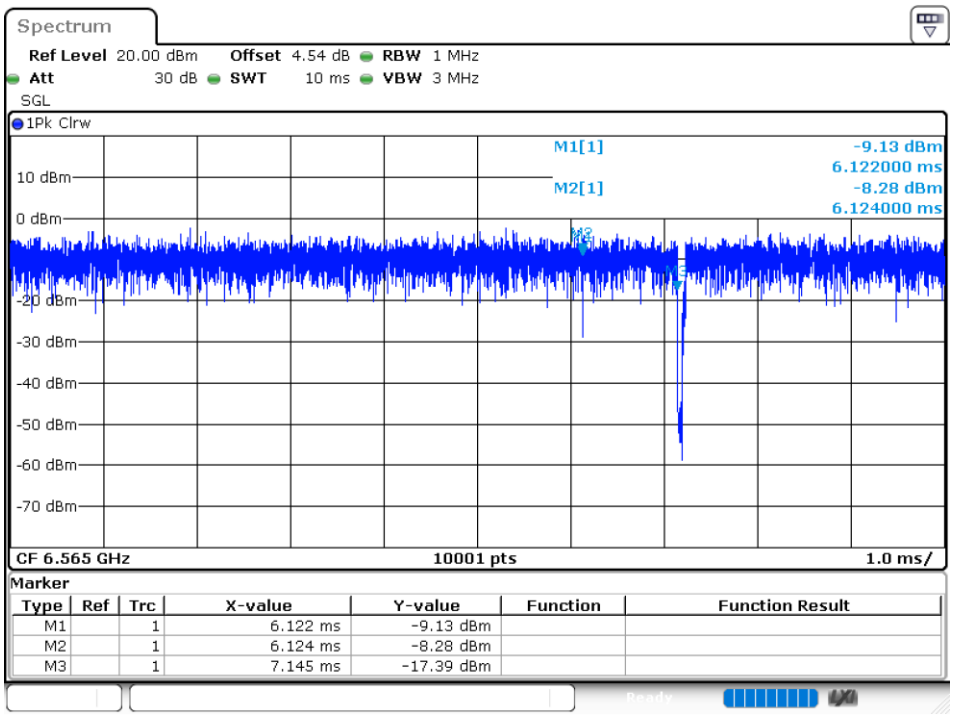
Duty Cycle NVNT ax20 6695MHz Sum



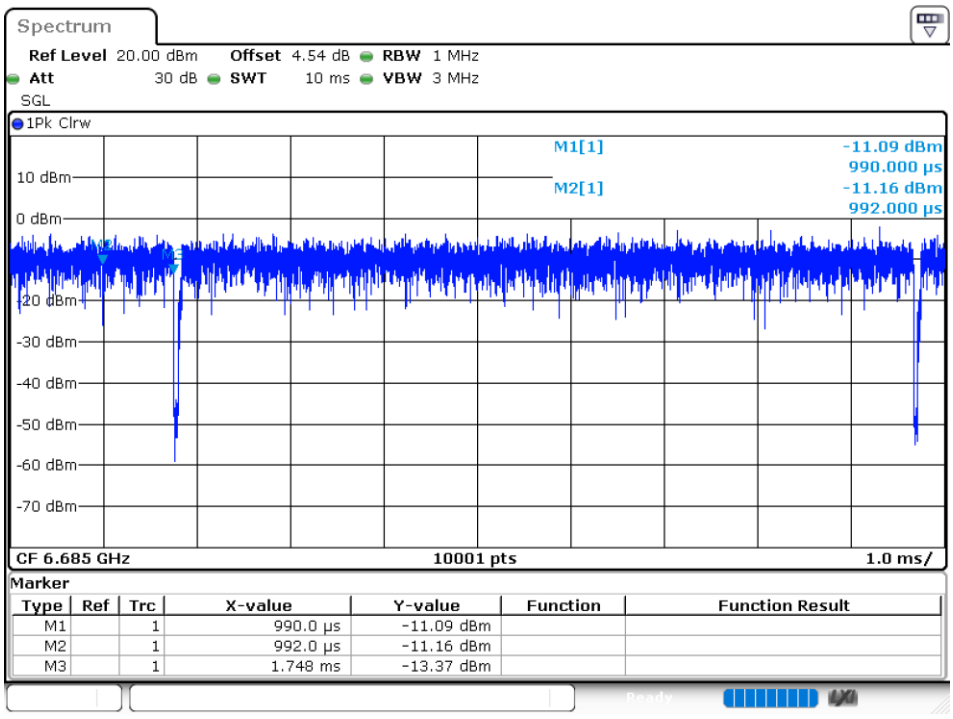
Duty Cycle NVNT ax20 6855MHz Sum



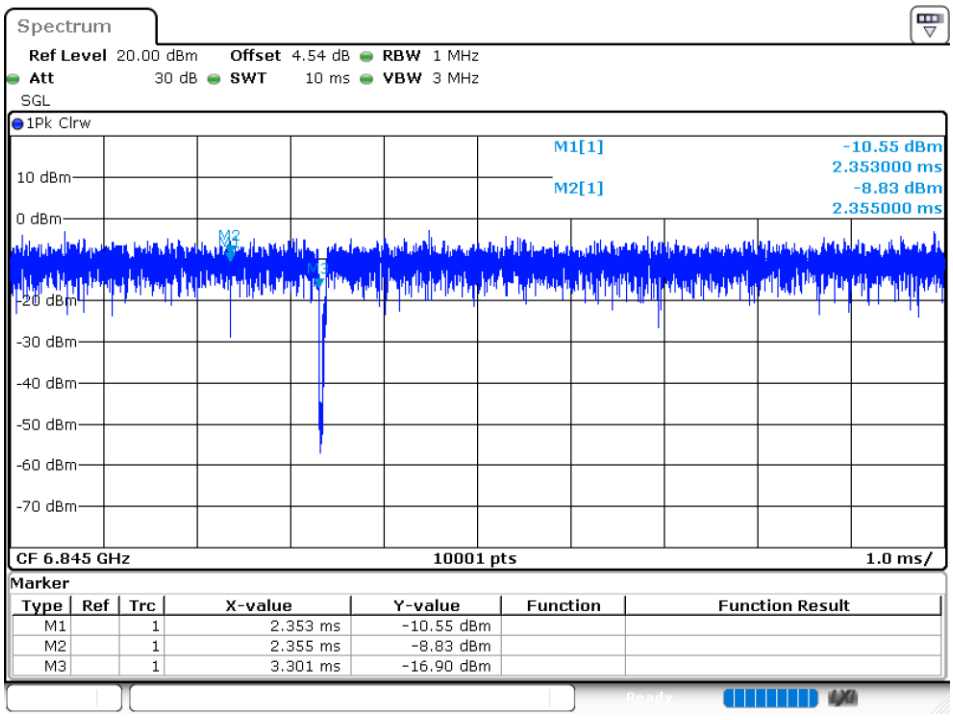
Duty Cycle NVNT ax40 6565MHz Sum



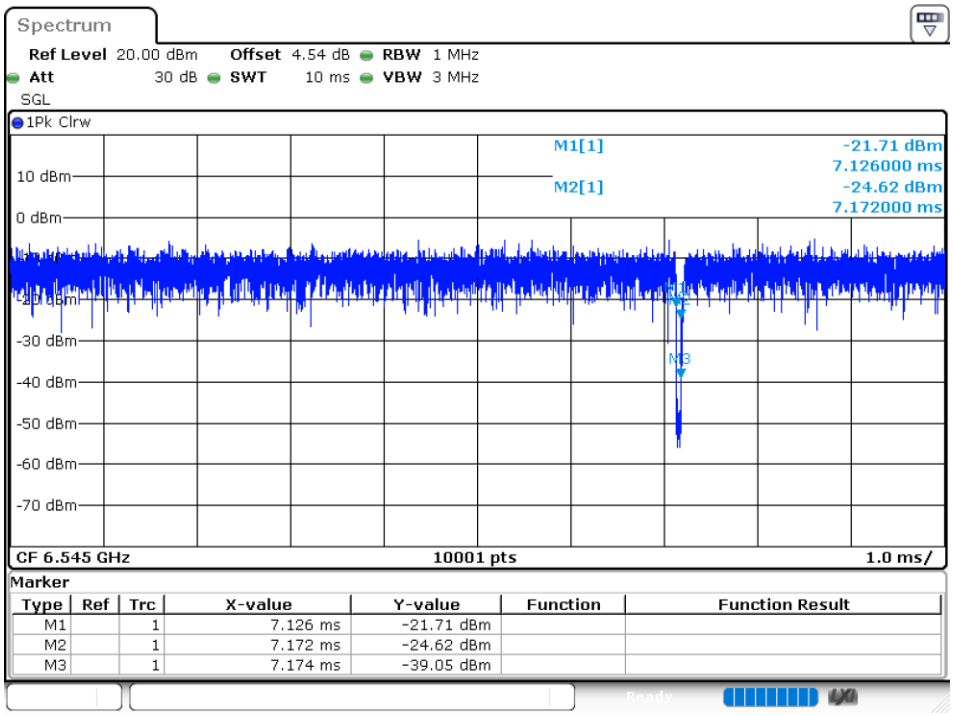
Duty Cycle NVNT ax40 6685MHz Sum



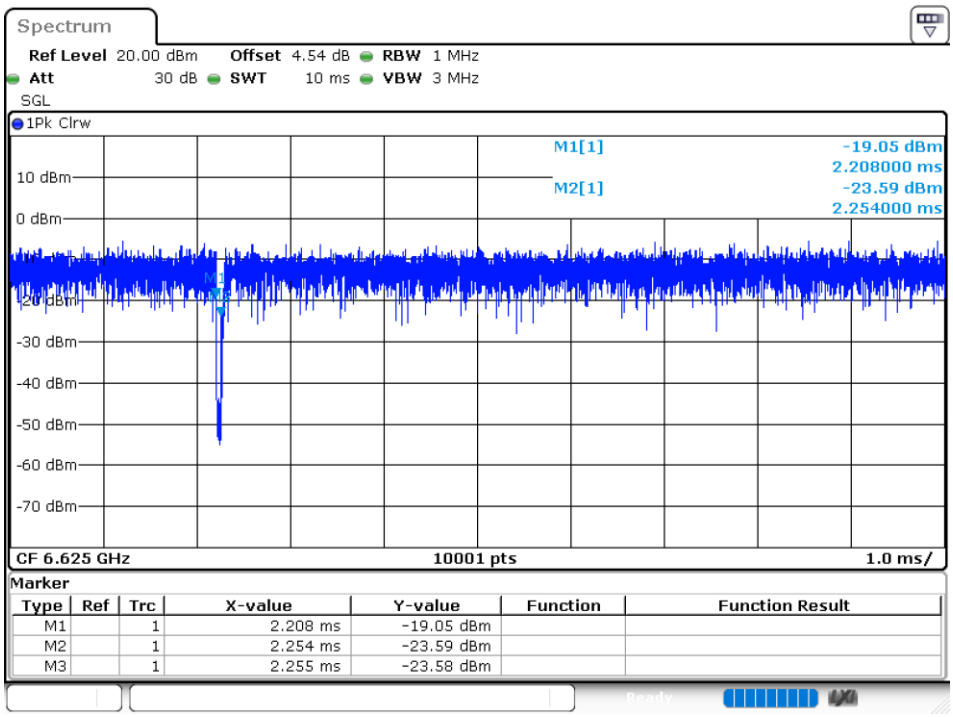
Duty Cycle NVNT ax40 6845MHz Sum



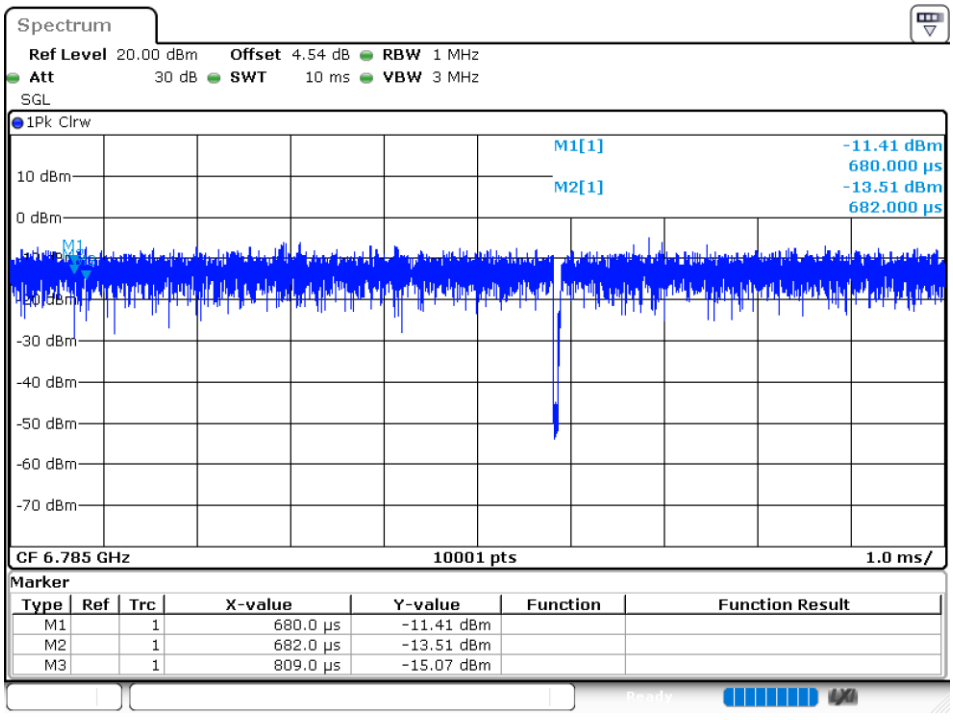
Duty Cycle NVNT ax80 6545MHz Sum



Duty Cycle NVNT ax80 6625MHz Sum



Duty Cycle NVNT ax80 6785MHz Sum



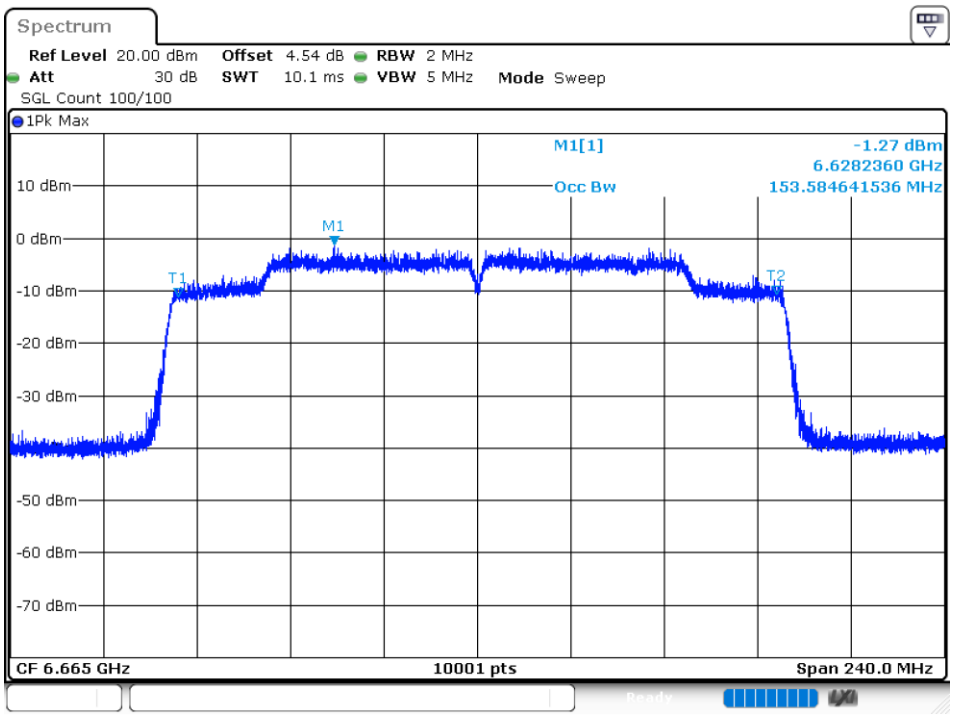
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	6.03	4.9	10.93	24	Pass
NVNT	ax160	6665	Ant2	6.58	4.81	11.39	24	Pass
NVNT	ax160	6665	Sum			14.18	24	Pass
NVNT	ax160	6825	Ant1	6.29	4.9	11.19	24	Pass
NVNT	ax160	6825	Ant2	6.62	4.81	11.43	24	Pass
NVNT	ax160	6825	Sum			14.32	24	Pass
NVNT	ax20	6535	Ant1	3.01	4.9	7.91	24	Pass
NVNT	ax20	6535	Ant2	3.64	4.81	8.45	24	Pass
NVNT	ax20	6535	Sum			11.2	24	Pass
NVNT	ax20	6695	Ant1	3.17	4.9	8.07	24	Pass
NVNT	ax20	6695	Ant2	3.66	4.81	8.47	24	Pass
NVNT	ax20	6695	Sum			11.28	24	Pass
NVNT	ax20	6855	Ant1	2.55	4.9	7.45	24	Pass
NVNT	ax20	6855	Ant2	3.6	4.81	8.41	24	Pass
NVNT	ax20	6855	Sum			10.97	24	Pass
NVNT	ax40	6565	Ant1	6.25	4.9	11.15	24	Pass
NVNT	ax40	6565	Ant2	6.64	4.81	11.45	24	Pass
NVNT	ax40	6565	Sum			14.31	24	Pass
6.63	ax40	6685	Ant1	6.32	4.9	11.22	24	Pass
7.02	ax40	6685	Ant2	6.54	4.81	11.35	24	Pass
NVNT	ax40	6685	Sum			14.30	24	Pass
NVNT	ax40	6845	Ant1	6.28	4.9	11.18	24	Pass
NVNT	ax40	6845	Ant2	6.61	4.81	11.42	24	Pass
NVNT	ax40	6845	Sum			14.31	24	Pass
NVNT	ax80	6545	Ant1	6.11	4.9	11.01	24	Pass
NVNT	ax80	6545	Ant2	6.33	4.81	11.14	24	Pass
NVNT	ax80	6545	Sum			14.09	24	Pass
NVNT	ax80	6625	Ant1	5.92	4.9	10.82	24	Pass
NVNT	ax80	6625	Ant2	6.3	4.81	11.11	24	Pass
NVNT	ax80	6625	Sum			13.98	24	Pass
NVNT	ax80	6785	Ant1	5.78	4.9	10.68	24	Pass
NVNT	ax80	6785	Ant2	6.46	4.81	11.27	24	Pass
NVNT	ax80	6785	Sum			14	24	Pass

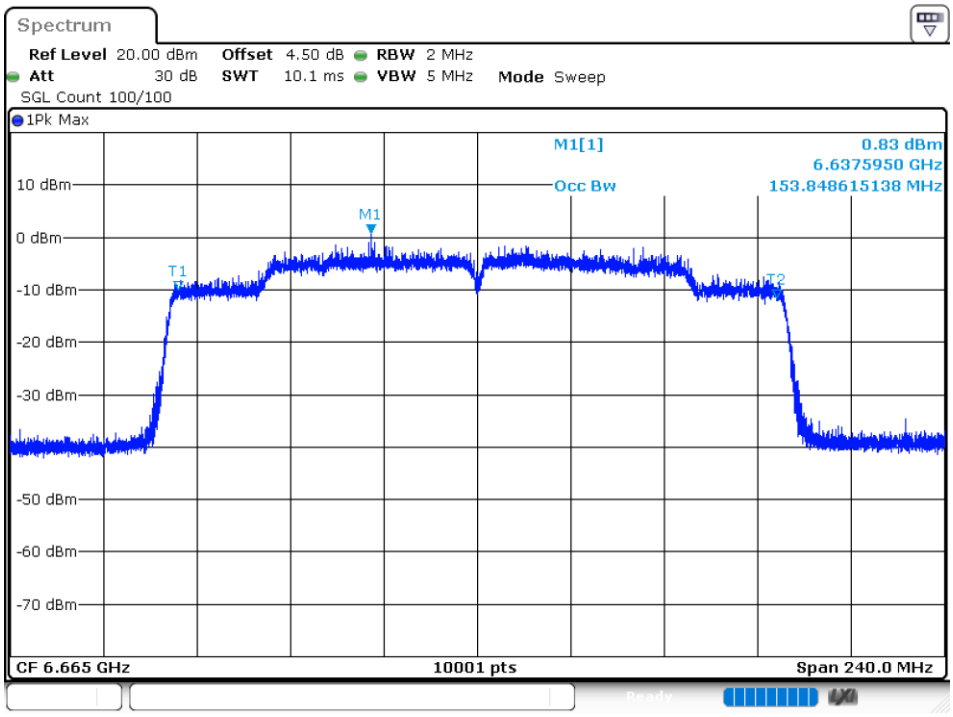
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6665	Ant1	153.585
NVNT	ax160	6665	Ant2	153.849
NVNT	ax160	6825	Ant1	153.393
NVNT	ax160	6825	Ant2	153.585
NVNT	ax20	6535	Ant1	19.051
NVNT	ax20	6535	Ant2	19.051
NVNT	ax20	6695	Ant1	19.054
NVNT	ax20	6695	Ant2	19.048
NVNT	ax20	6855	Ant1	19.039
NVNT	ax20	6855	Ant2	19.048
NVNT	ax40	6565	Ant1	37.79
NVNT	ax40	6565	Ant2	37.862
NVNT	ax40	6685	Ant1	37.91
NVNT	ax40	6685	Ant2	37.796
NVNT	ax40	6845	Ant1	37.898
NVNT	ax40	6845	Ant2	37.874
NVNT	ax80	6545	Ant1	76.504
NVNT	ax80	6545	Ant2	76.648
NVNT	ax80	6625	Ant1	76.54
NVNT	ax80	6625	Ant2	76.516
NVNT	ax80	6785	Ant1	76.672
NVNT	ax80	6785	Ant2	76.72

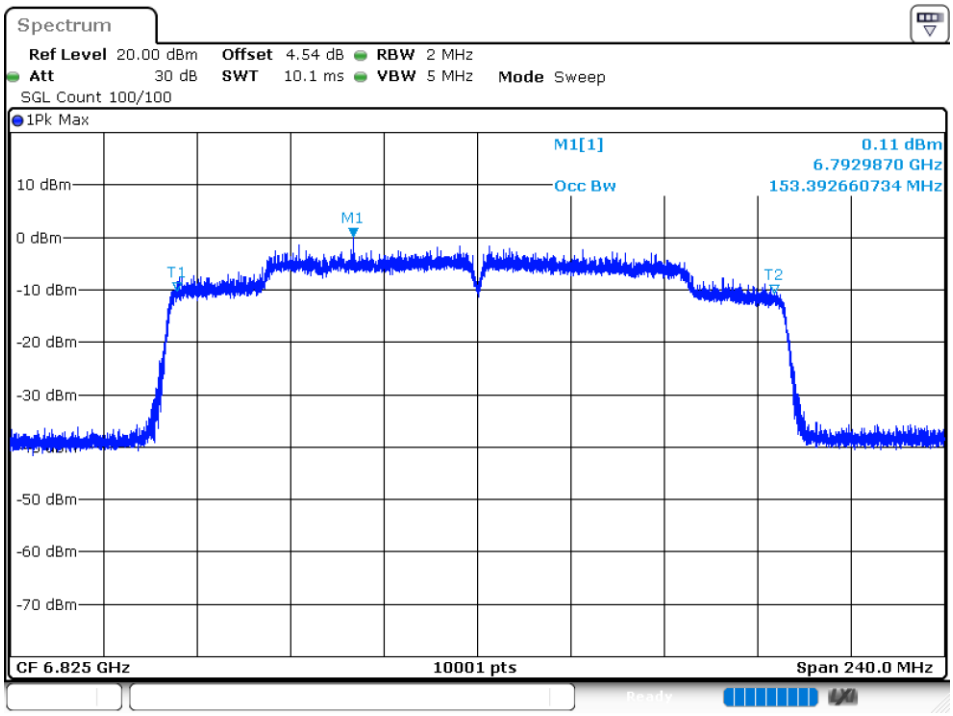
Test Graphs
OBW NVNT ax160 6665MHz Ant1



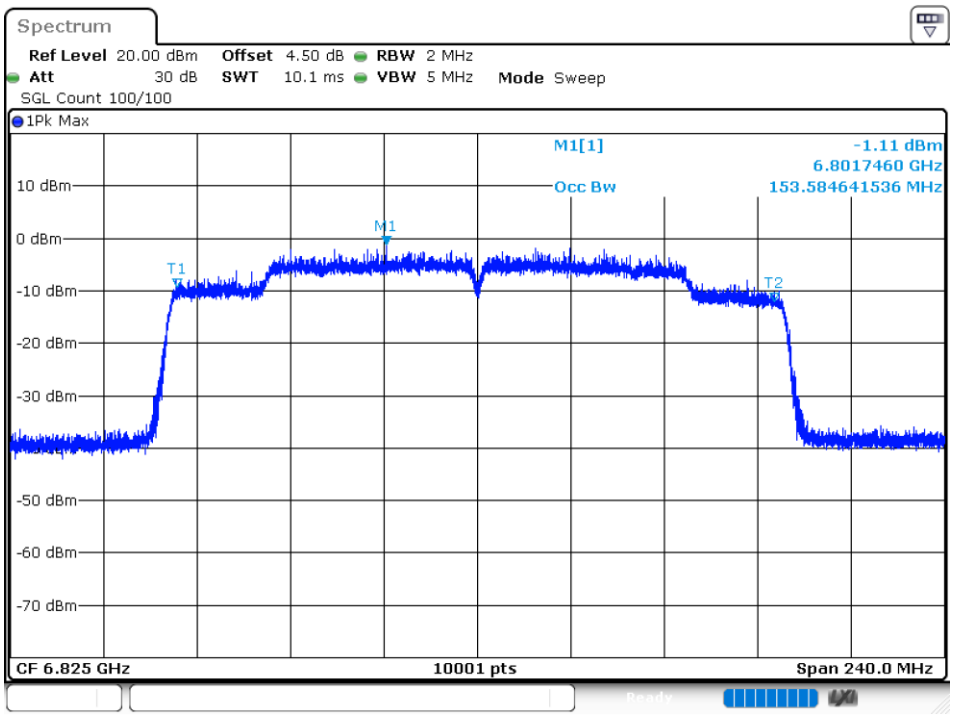
OBW NVNT ax160 6665MHz Ant2



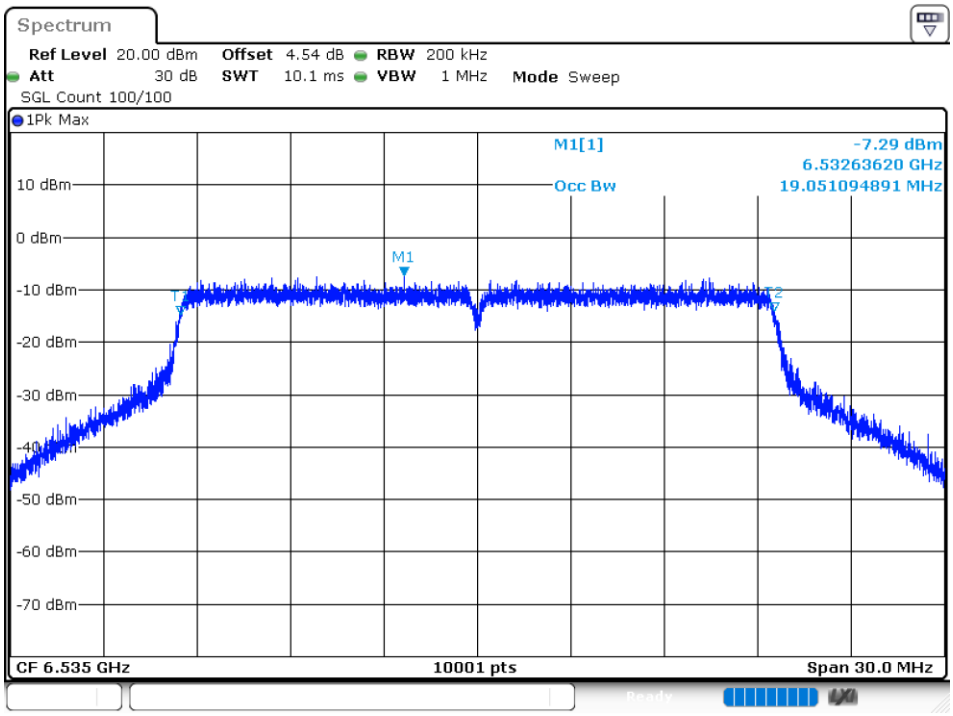
OBW NVNT ax160 6825MHz Ant1



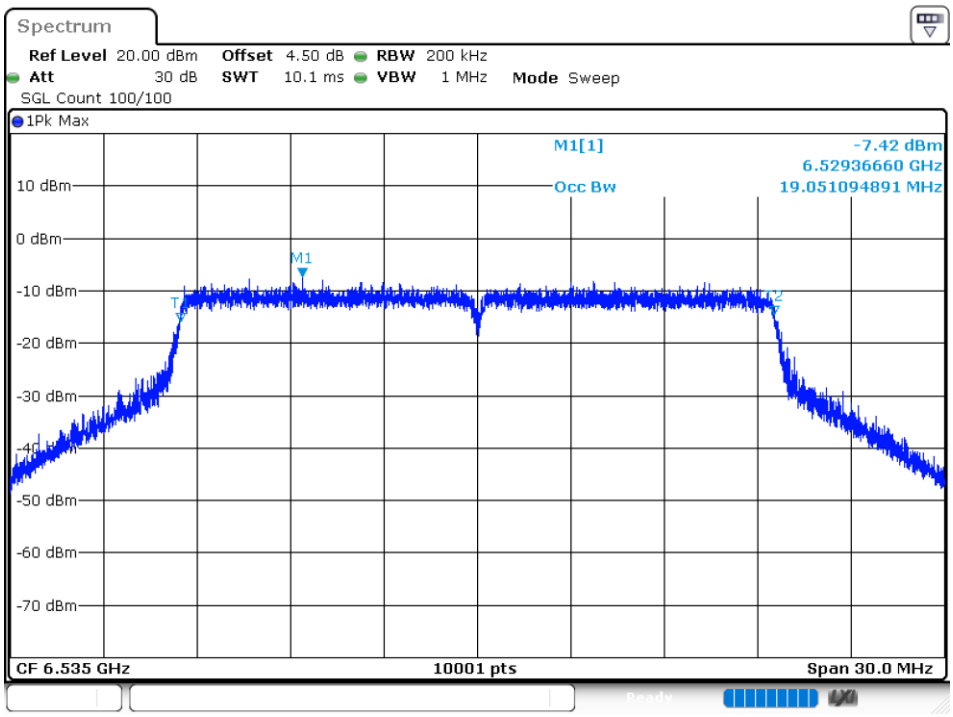
OBW NVNT ax160 6825MHz Ant2



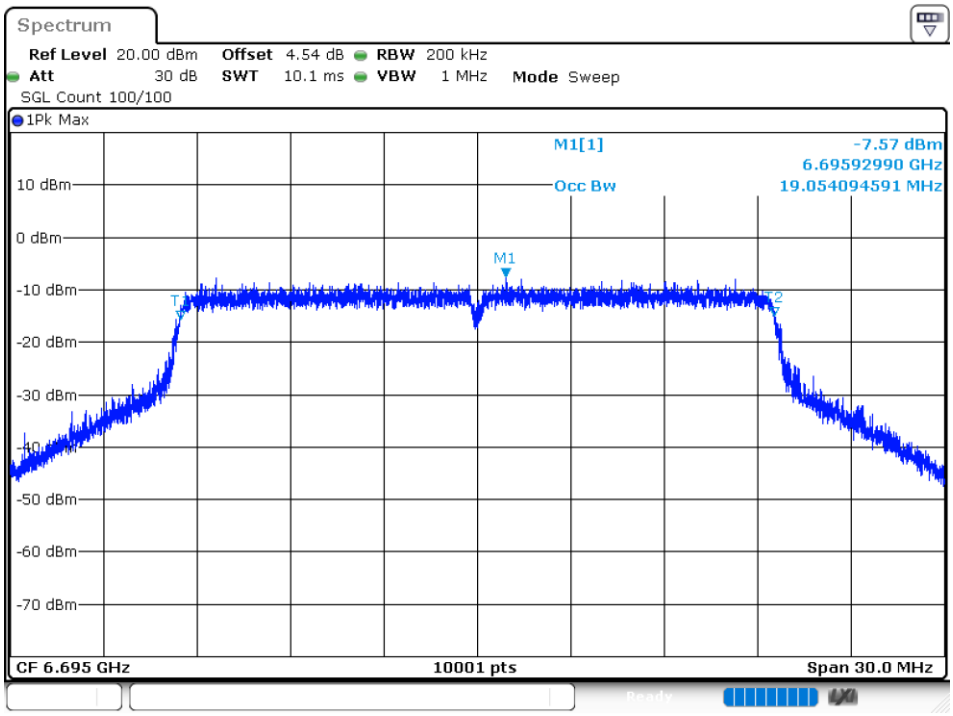
OBW NVNT ax20 6535MHz Ant1



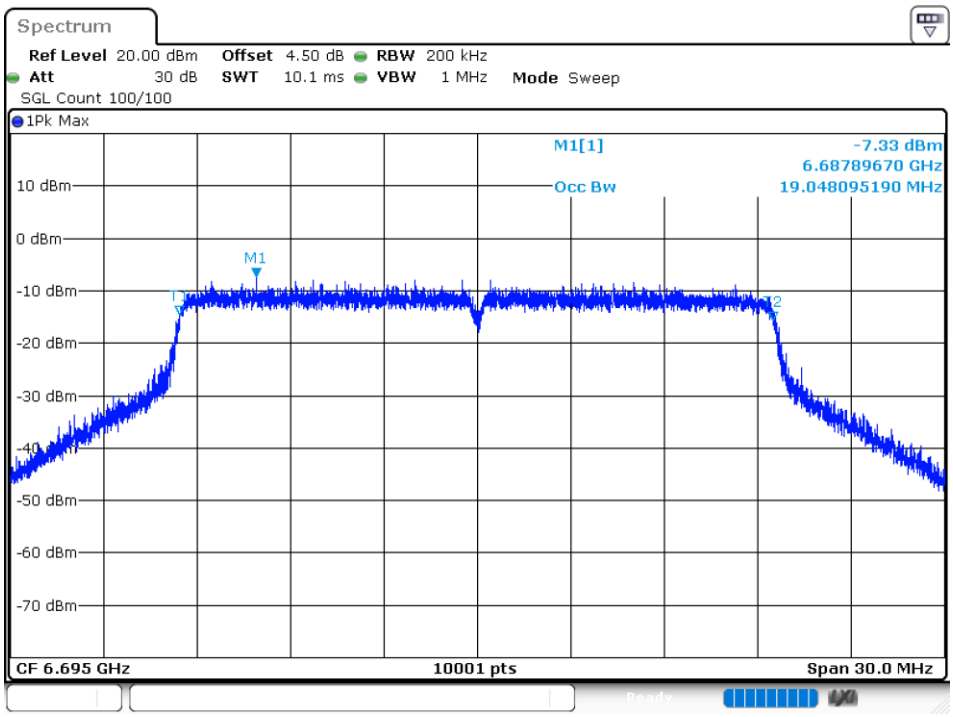
OBW NVNT ax20 6535MHz Ant2



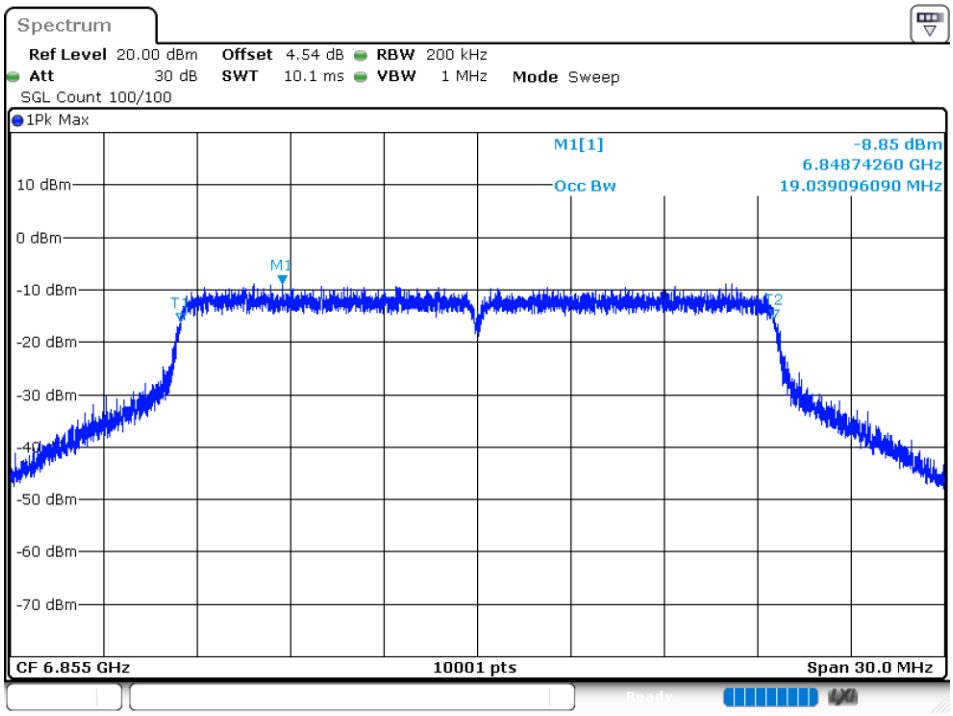
OBW NVNT ax20 6695MHz Ant1



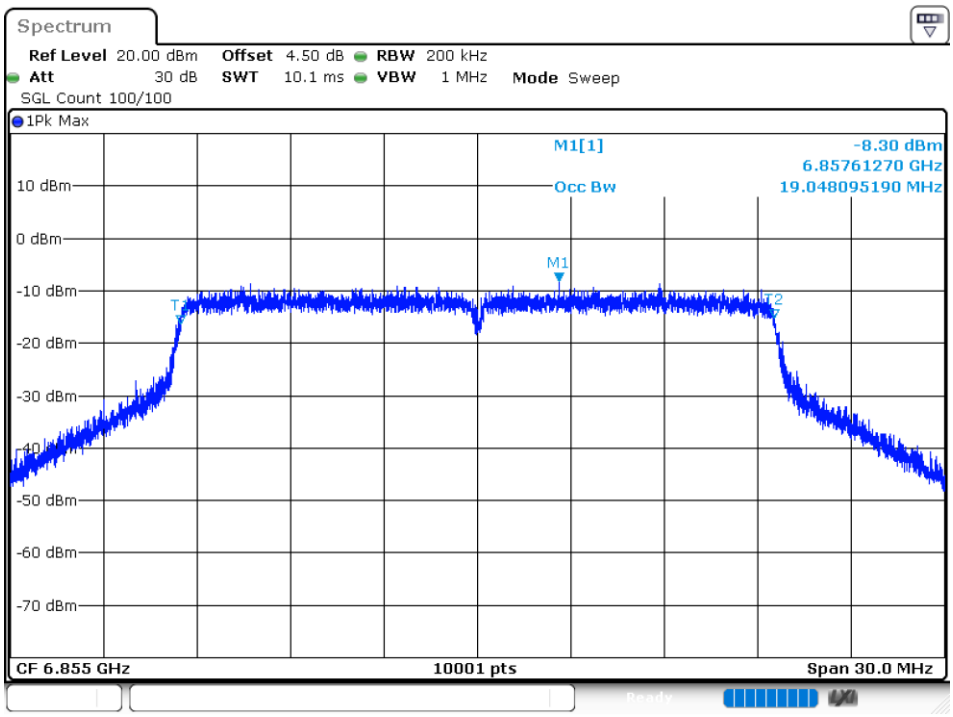
OBW NVNT ax20 6695MHz Ant2



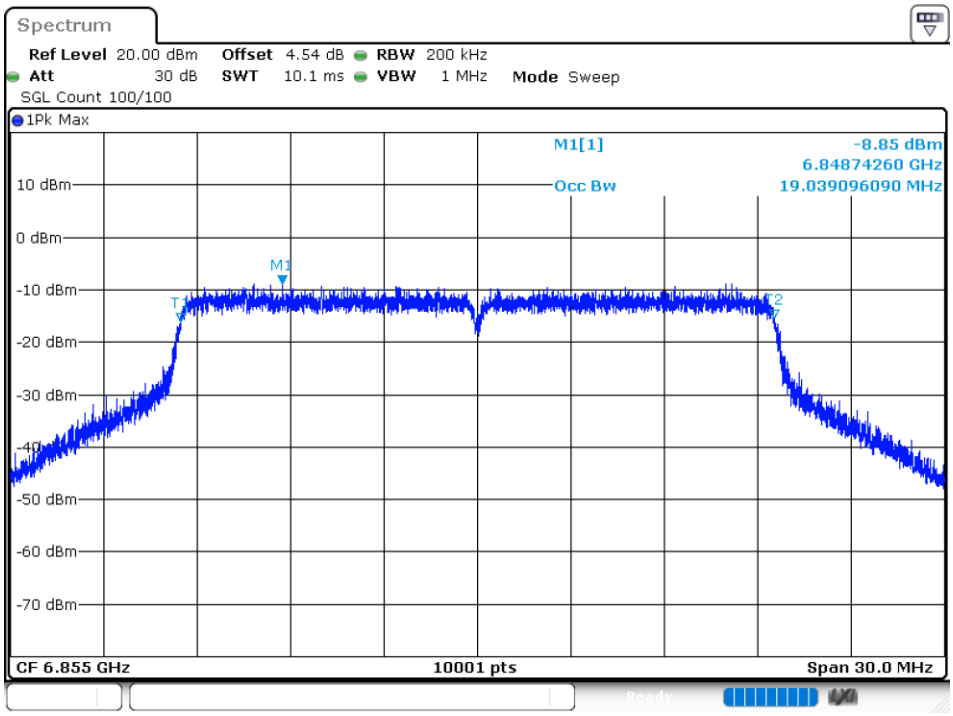
OBW NVNT ax20 6855MHz Ant1



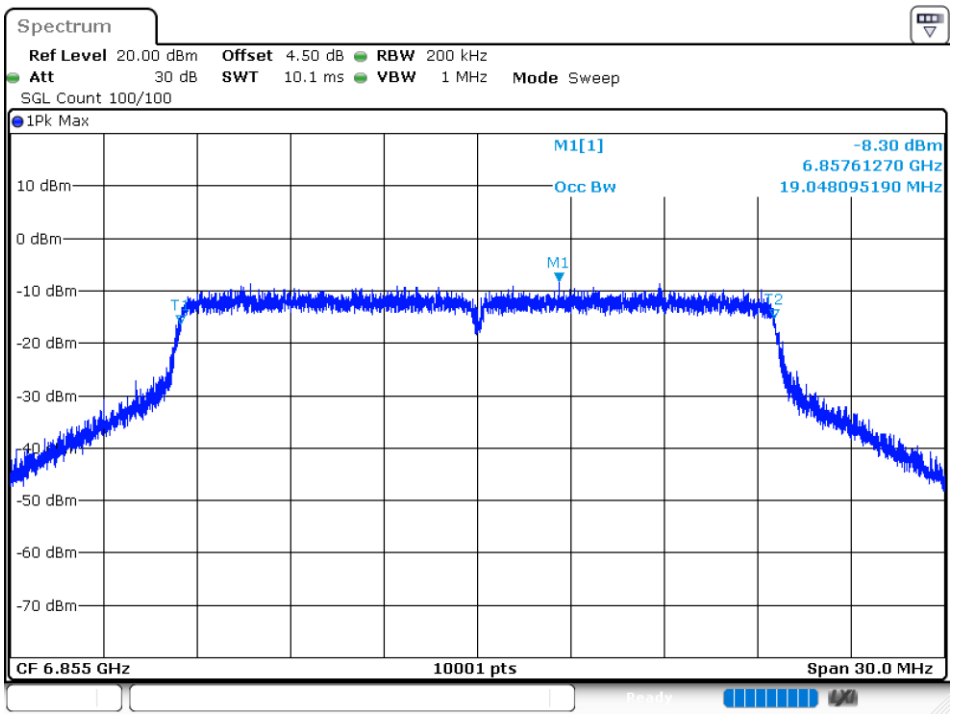
OBW NVNT ax20 6855MHz Ant2



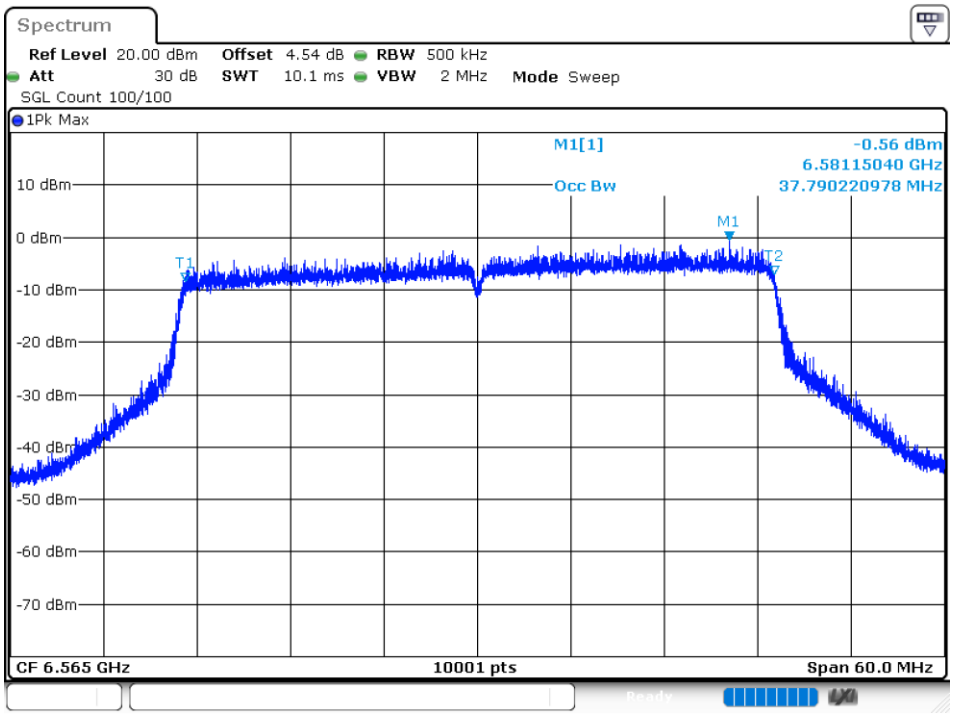
OBW NVNT ax20 6855MHz Ant1



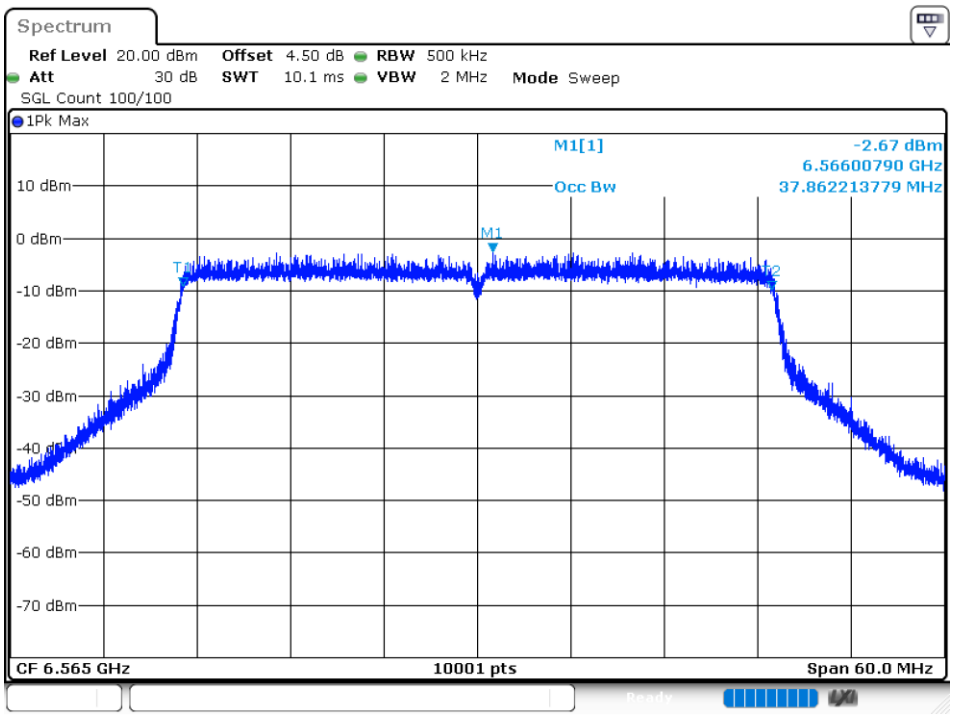
OBW NVNT ax20 6855MHz Ant2



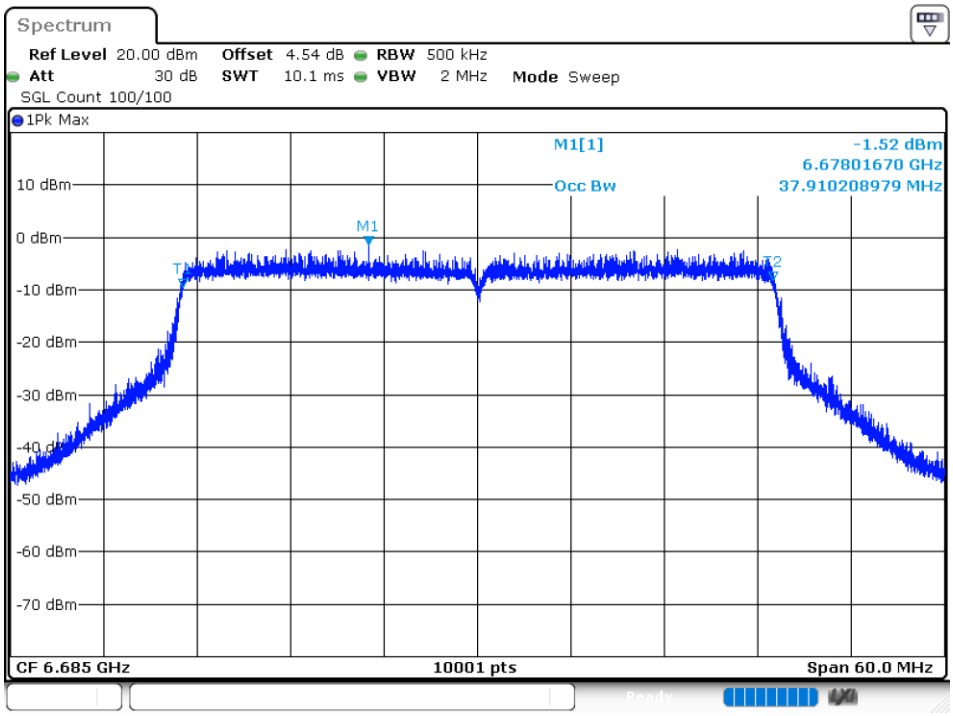
OBW NVNT ax40 6565MHz Ant1



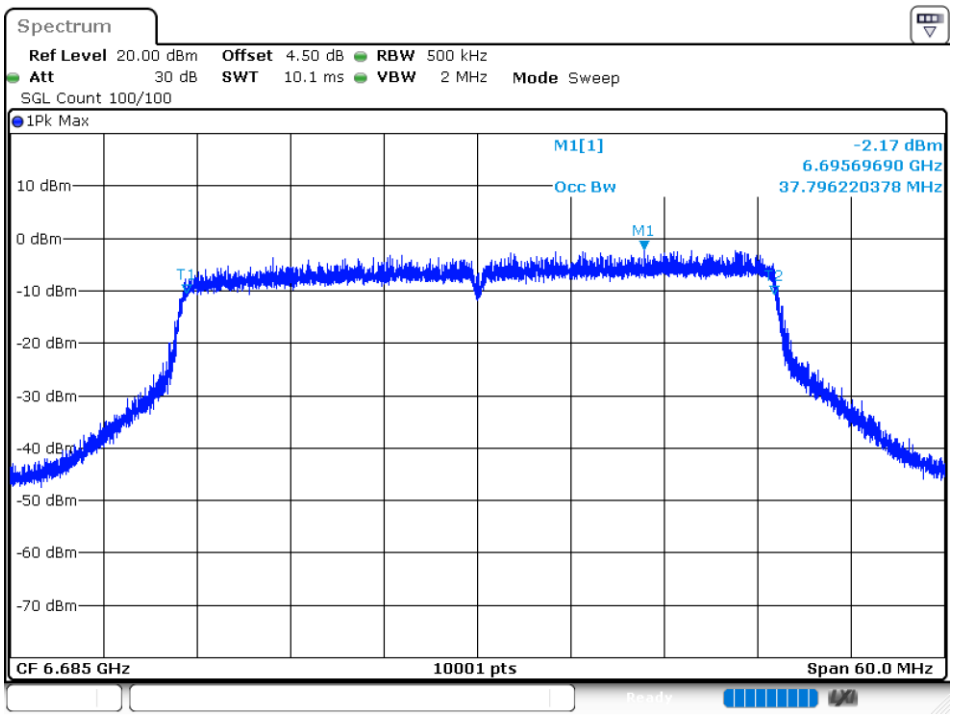
OBW NVNT ax40 6565MHz Ant2



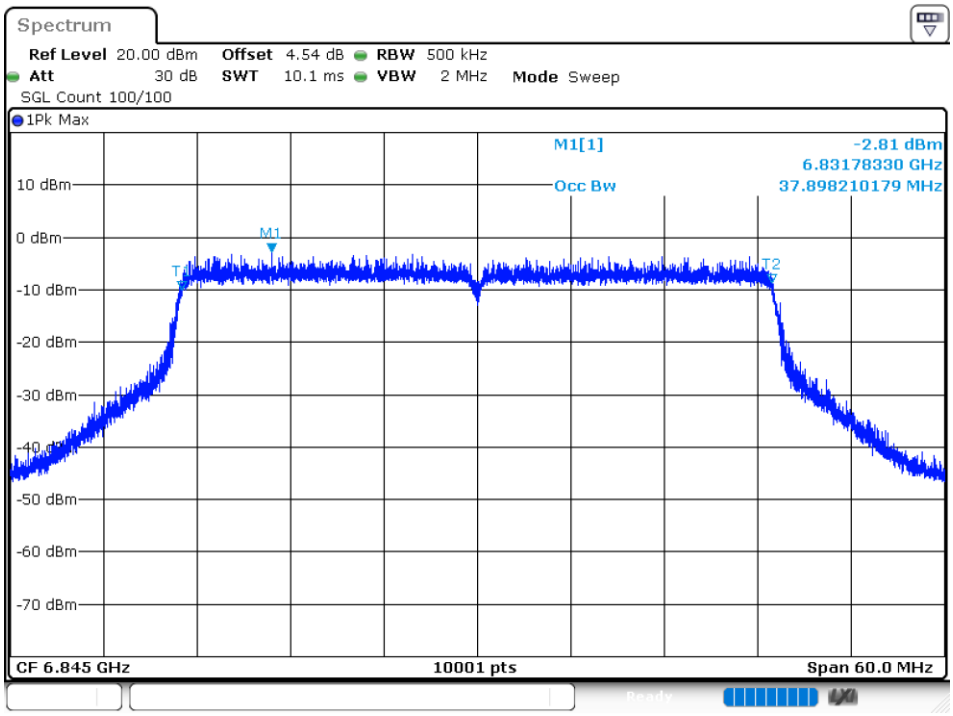
OBW NVNT ax40 6685MHz Ant1



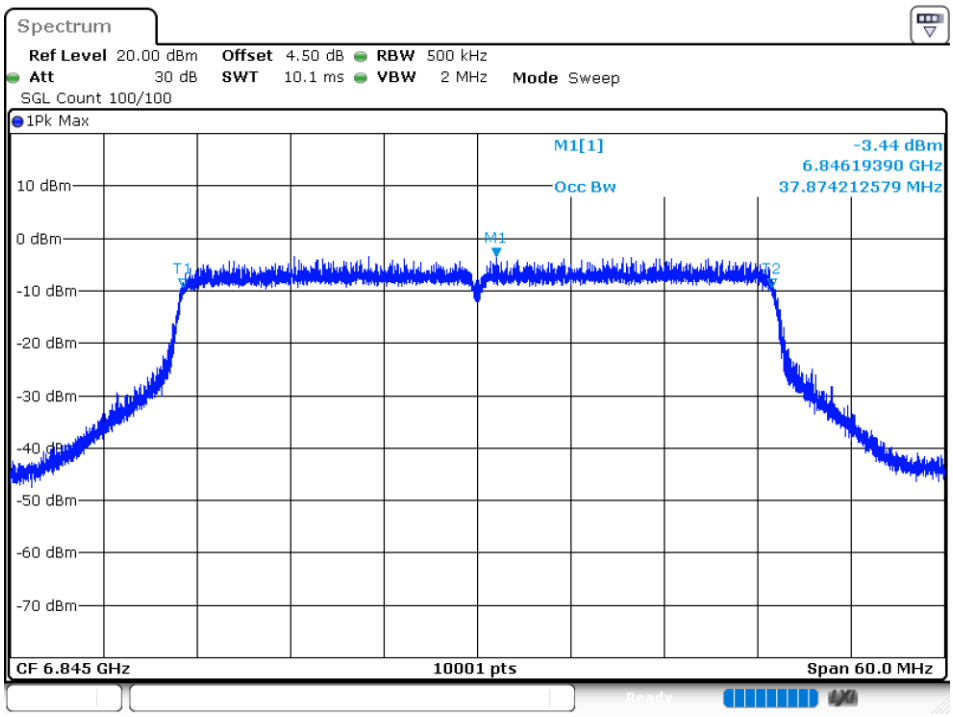
OBW NVNT ax40 6685MHz Ant2



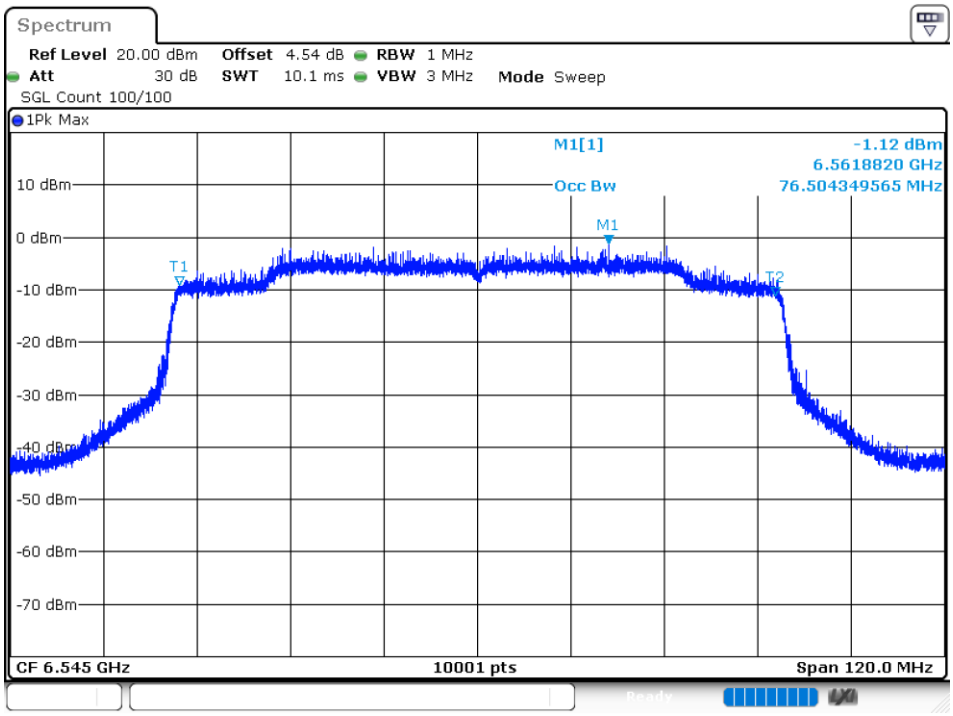
OBW NVNT ax40 6845MHz Ant1



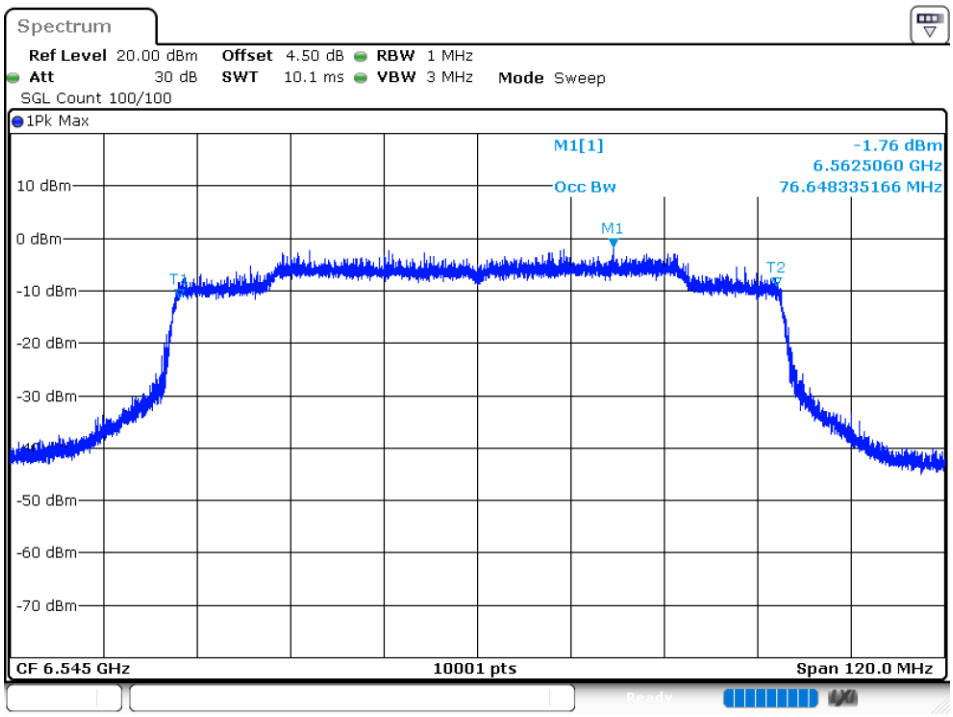
OBW NVNT ax40 6845MHz Ant2



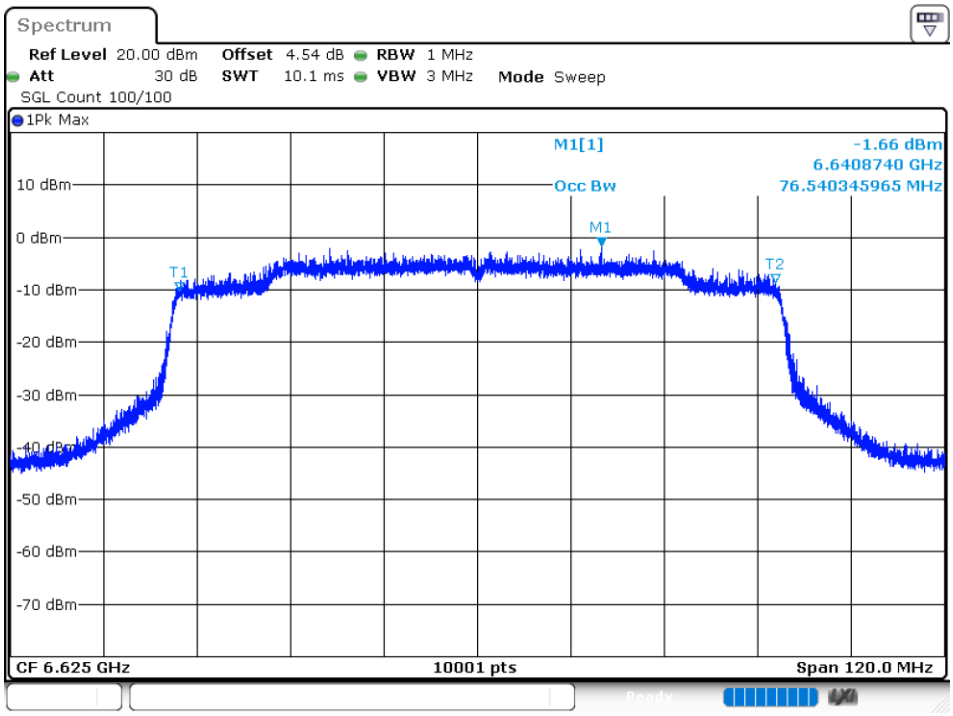
OBW NVNT ax80 6545MHz Ant1



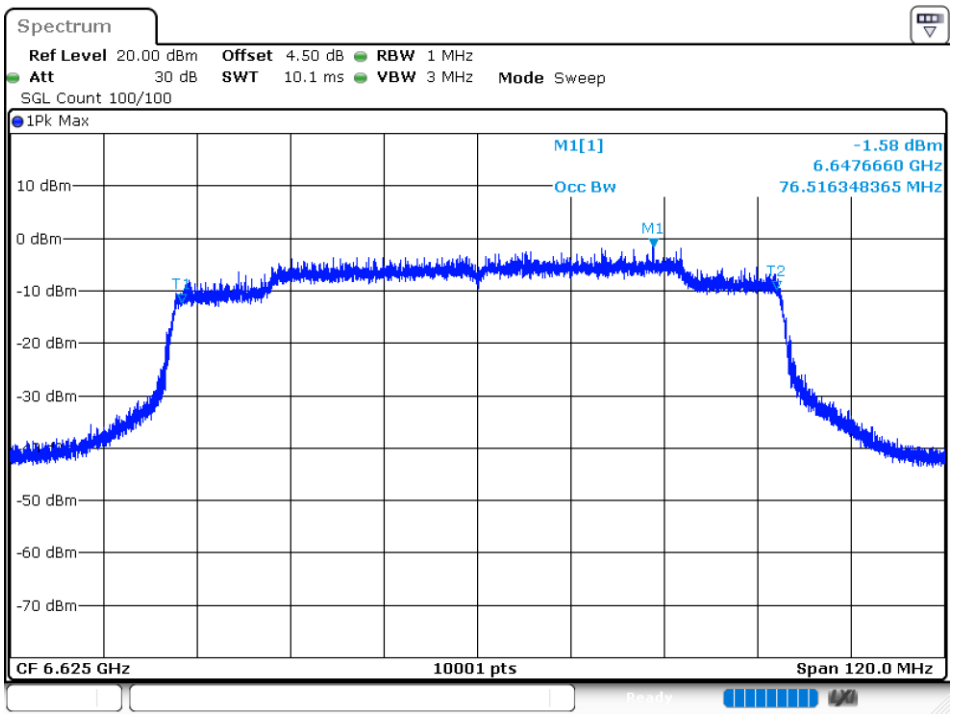
OBW NVNT ax80 6545MHz Ant2



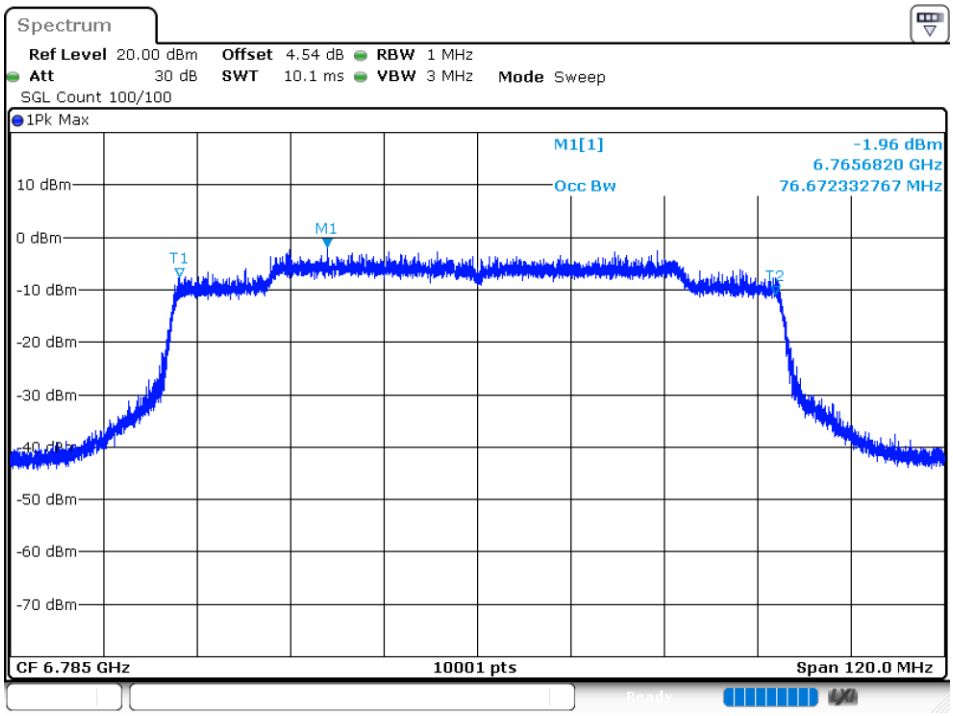
OBW NVNT ax80 6625MHz Ant1



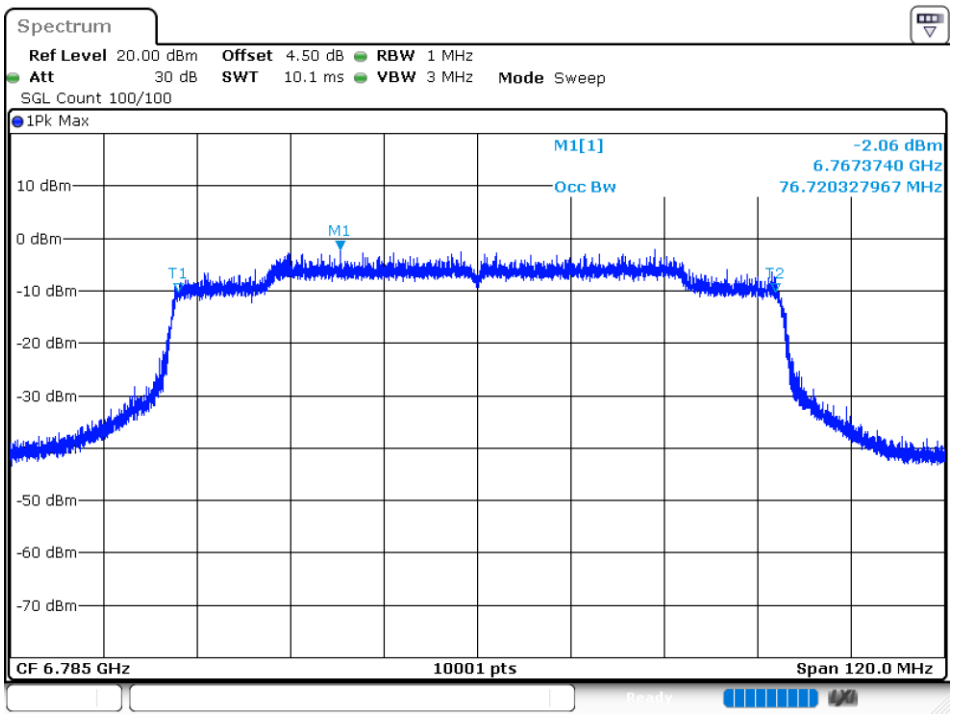
OBW NVNT ax80 6625MHz Ant2



OBW NVNT ax80 6785MHz Ant1



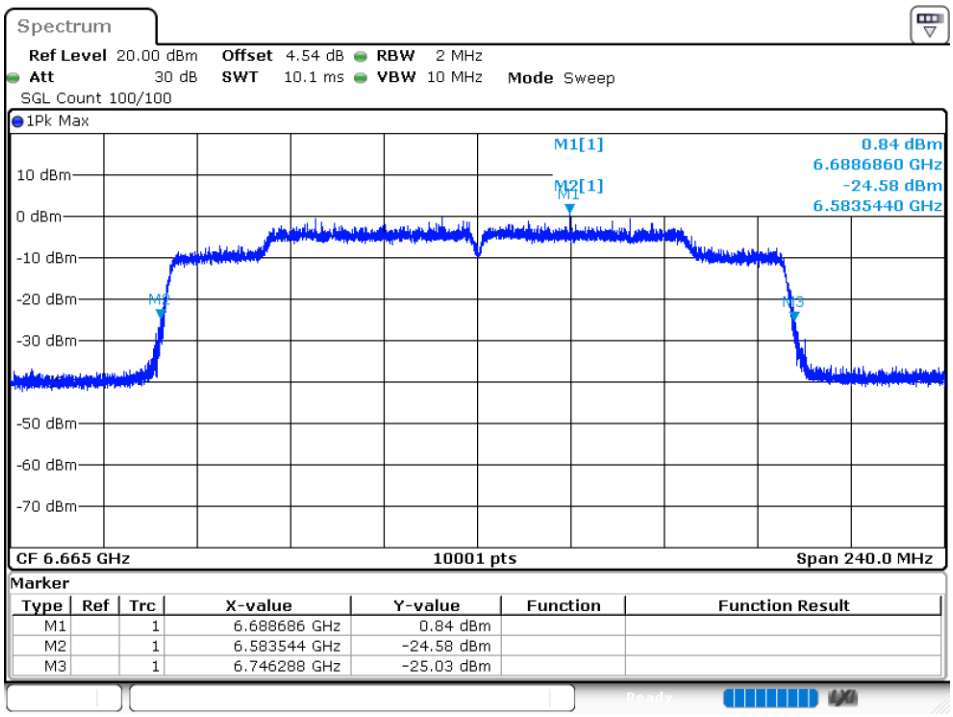
OBW NVNT ax80 6785MHz Ant2



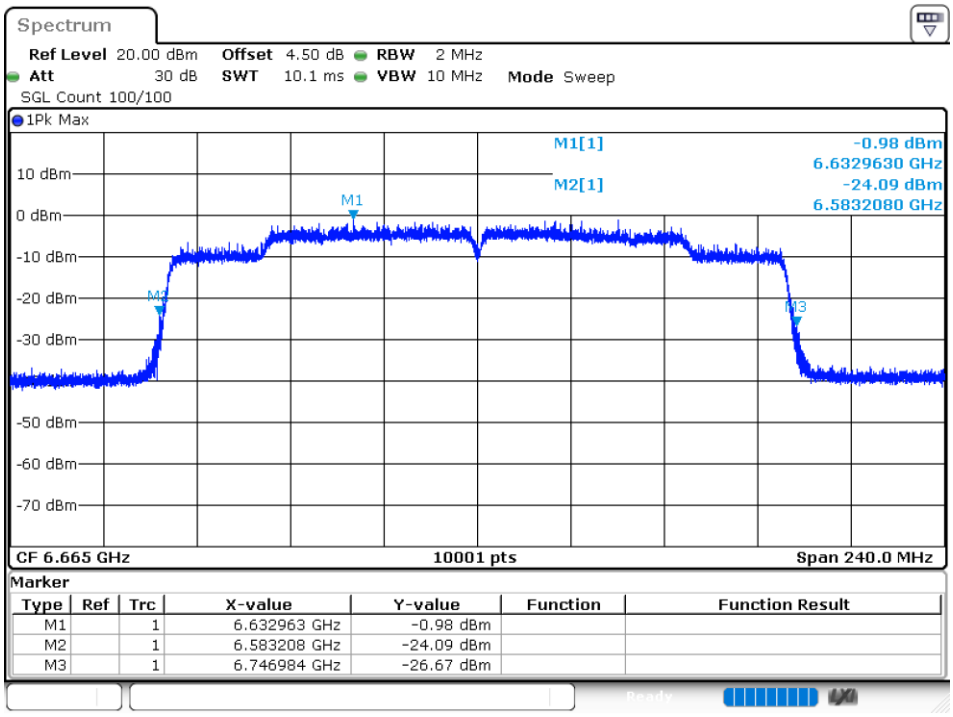
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6665	Ant1	162.744	Pass
NVNT	ax160	6665	Ant2	163.776	Pass
NVNT	ax160	6825	Ant1	164.112	Pass
NVNT	ax160	6825	Ant2	163.704	Pass
NVNT	ax20	6535	Ant1	24.96	Pass
NVNT	ax20	6535	Ant2	25.419	Pass
NVNT	ax20	6695	Ant1	24.489	Pass
NVNT	ax20	6695	Ant2	26.148	Pass
NVNT	ax20	6855	Ant1	24.354	Pass
NVNT	ax20	6855	Ant2	24.765	Pass
NVNT	ax40	6565	Ant1	43.908	Pass
NVNT	ax40	6565	Ant2	44.022	Pass
NVNT	ax40	6685	Ant1	46.038	Pass
NVNT	ax40	6685	Ant2	43.872	Pass
NVNT	ax40	6845	Ant1	44.916	Pass
NVNT	ax40	6845	Ant2	44.634	Pass
NVNT	ax80	6545	Ant1	83.256	Pass
NVNT	ax80	6545	Ant2	82.824	Pass
NVNT	ax80	6625	Ant1	83.388	Pass
NVNT	ax80	6625	Ant2	82.62	Pass
NVNT	ax80	6785	Ant1	82.596	Pass
NVNT	ax80	6785	Ant2	85.116	Pass

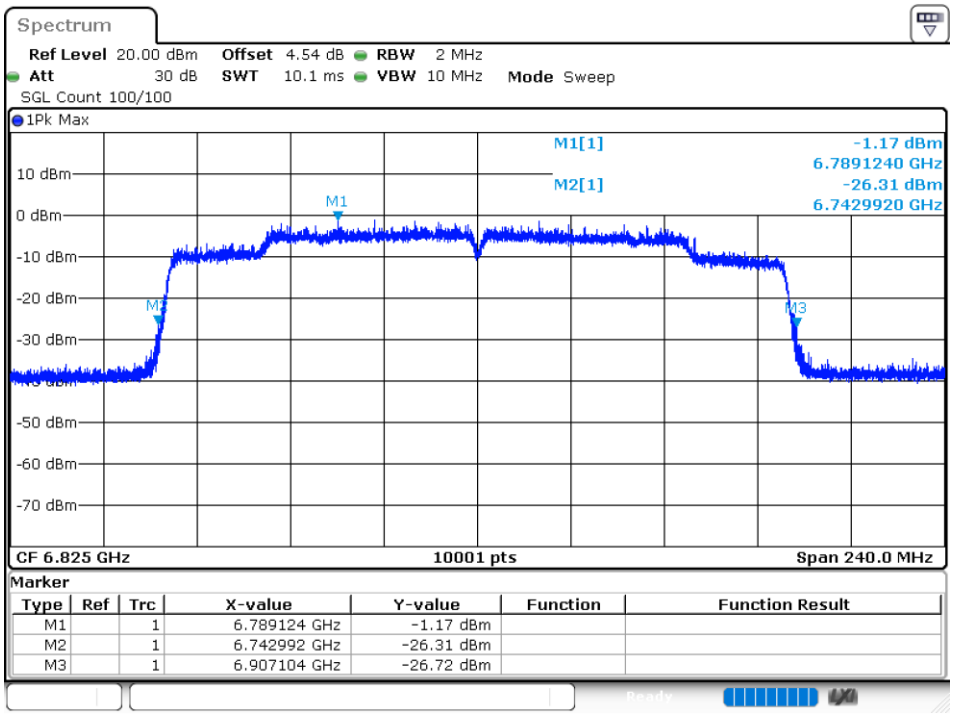
Test Graphs
-26dB Bandwidth NVNT ax160 6665MHz Ant1



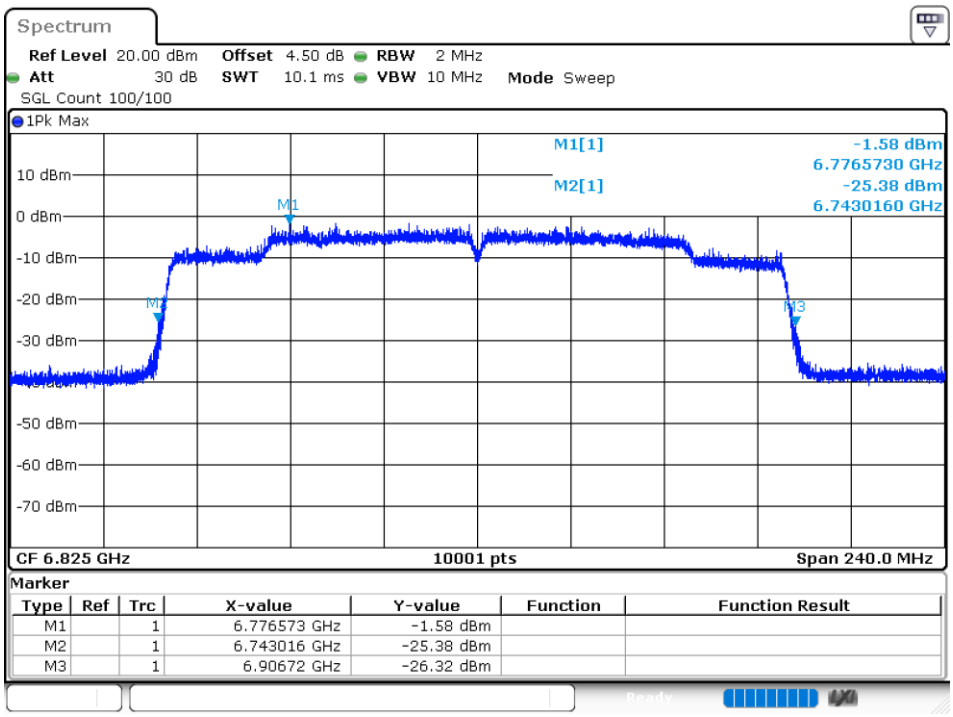
-26dB Bandwidth NVNT ax160 6665MHz Ant2



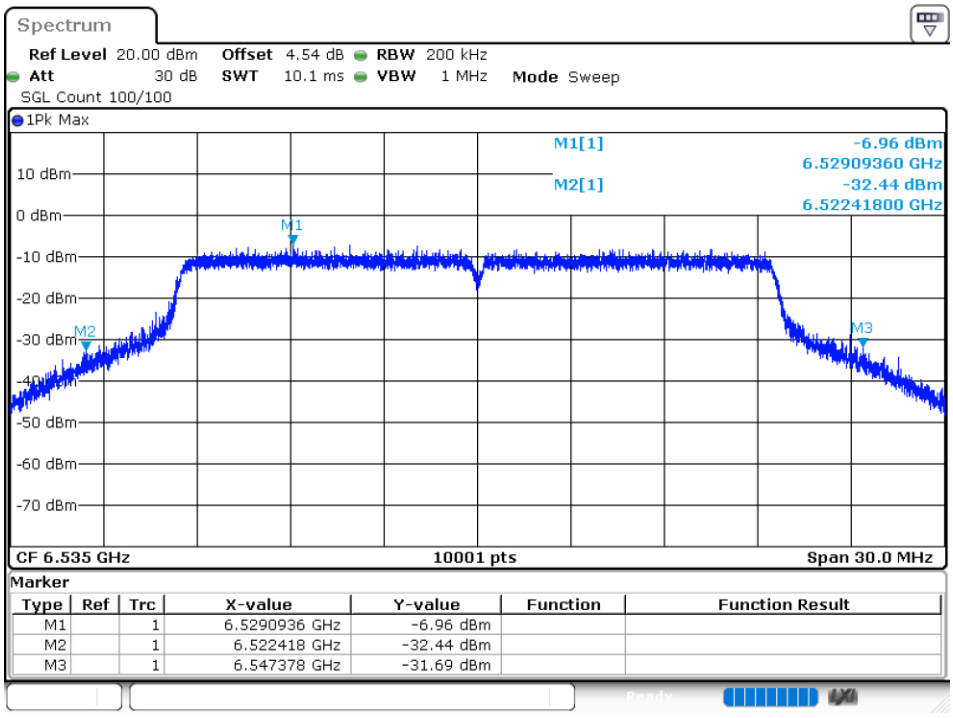
-26dB Bandwidth NVNT ax160 6825MHz Ant1



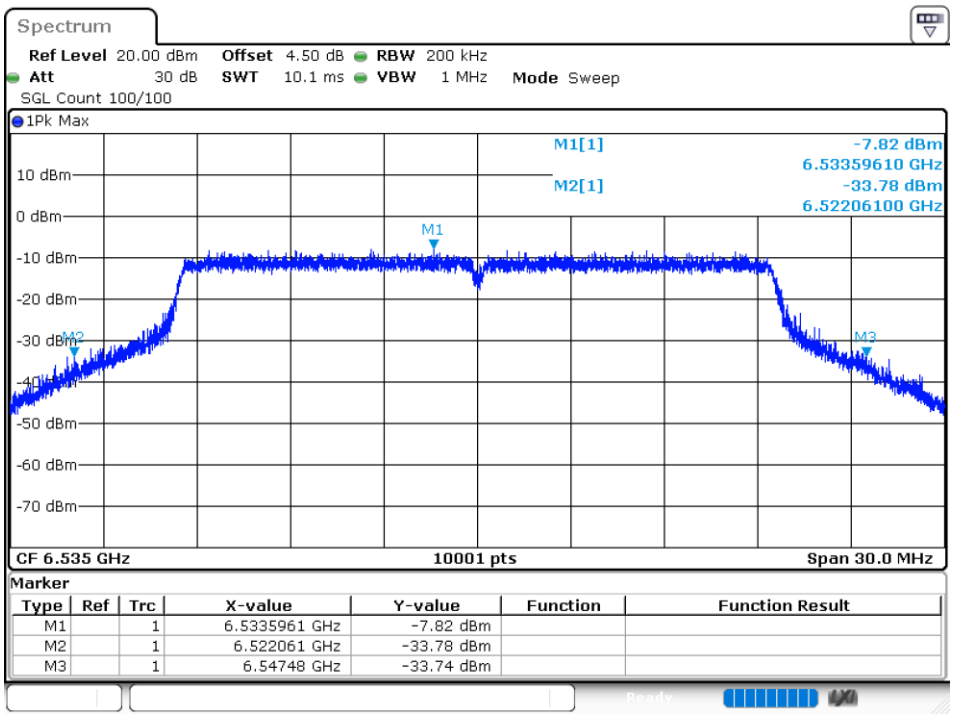
-26dB Bandwidth NVNT ax160 6825MHz Ant2



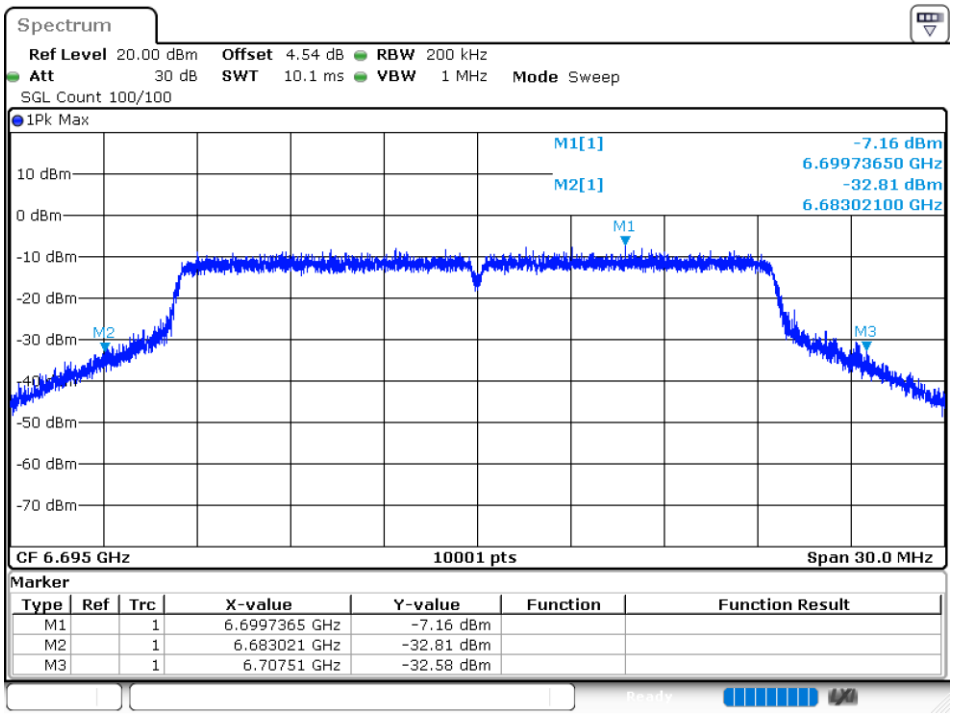
-26dB Bandwidth NVNT ax20 6535MHz Ant1



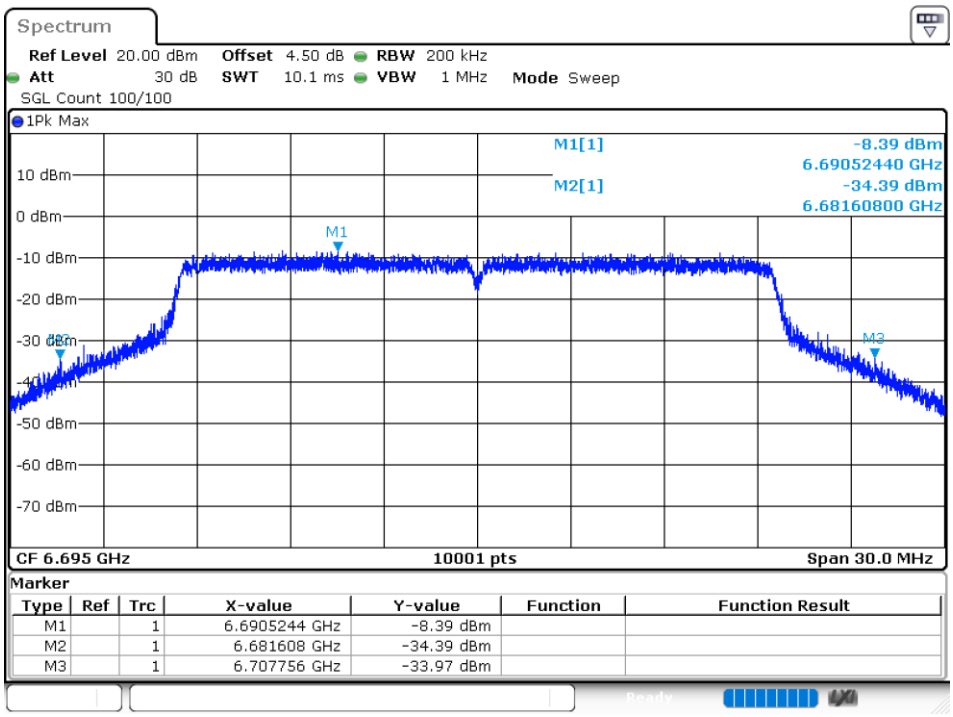
-26dB Bandwidth NVNT ax20 6535MHz Ant2



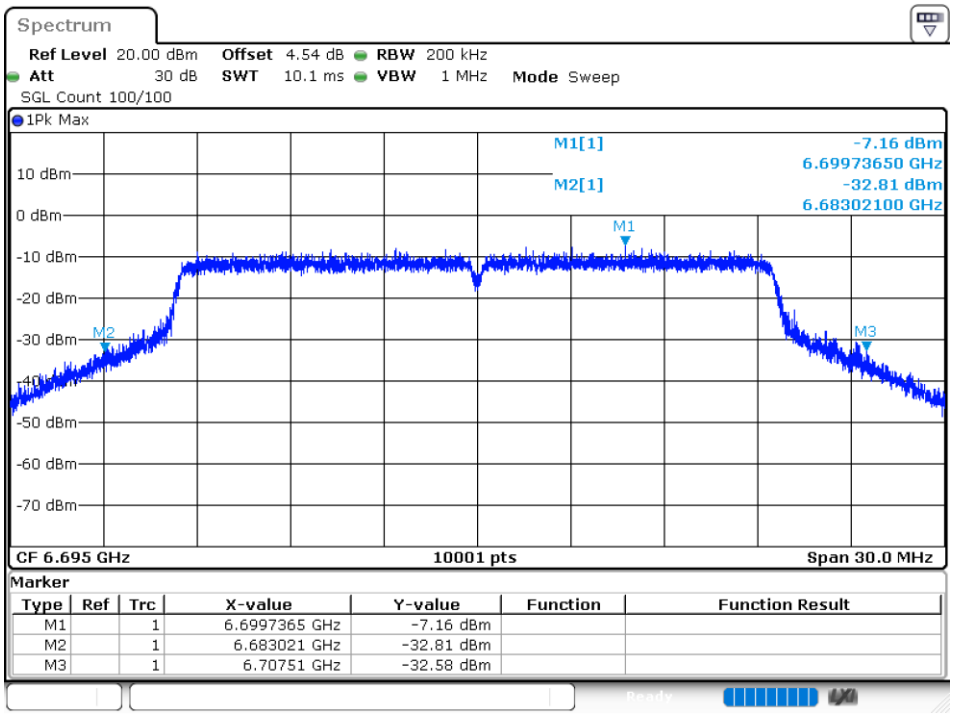
-26dB Bandwidth NVNT ax20 6695MHz Ant1



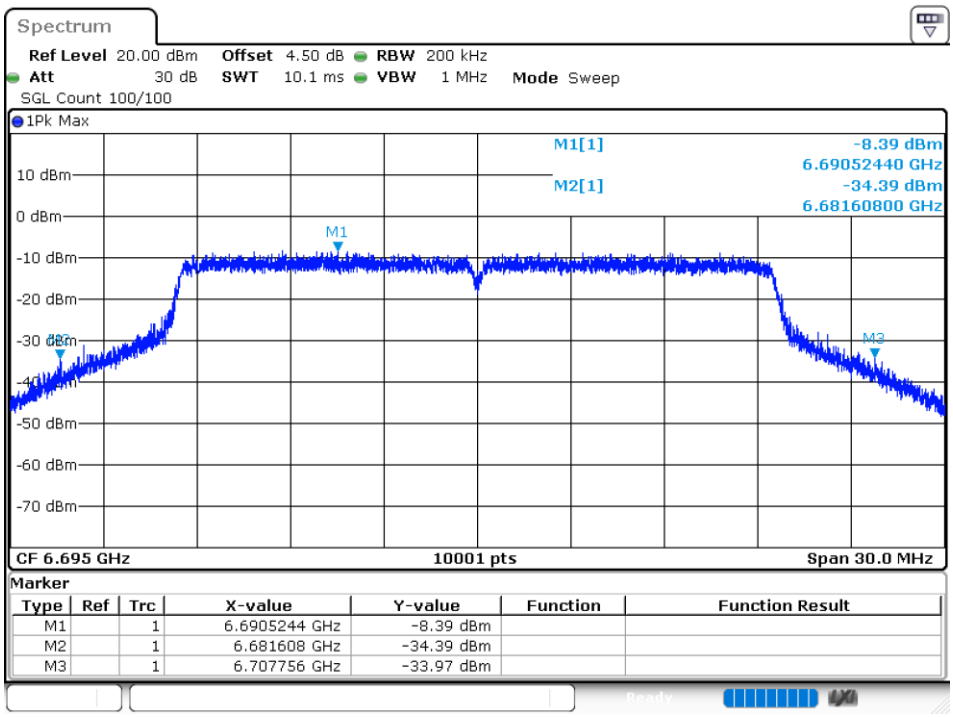
-26dB Bandwidth NVNT ax20 6695MHz Ant2



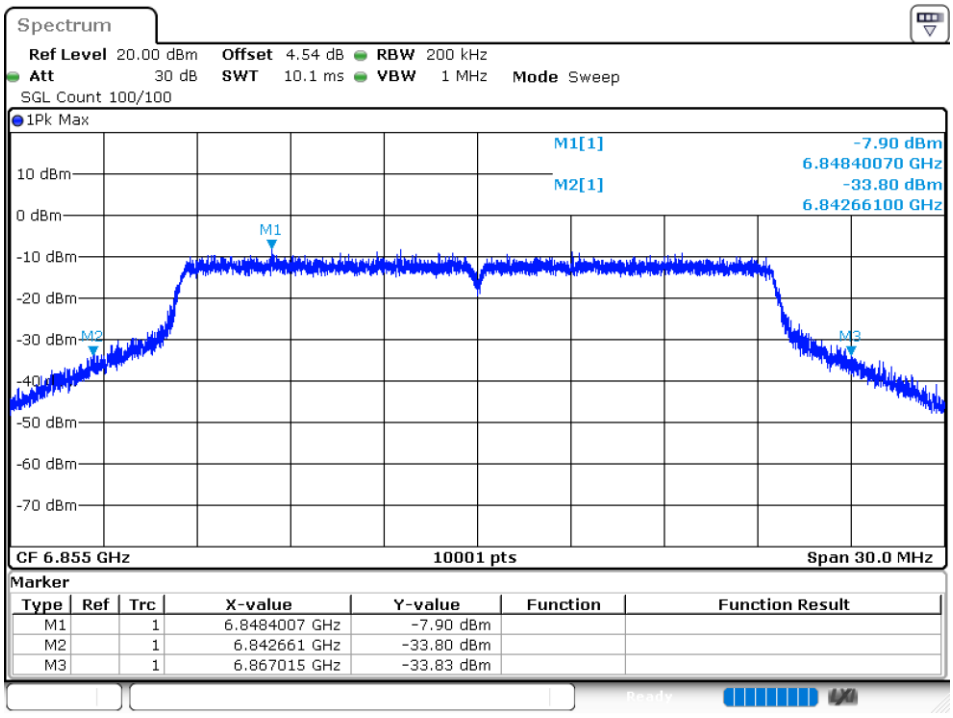
-26dB Bandwidth NVNT ax20 6695MHz Ant1



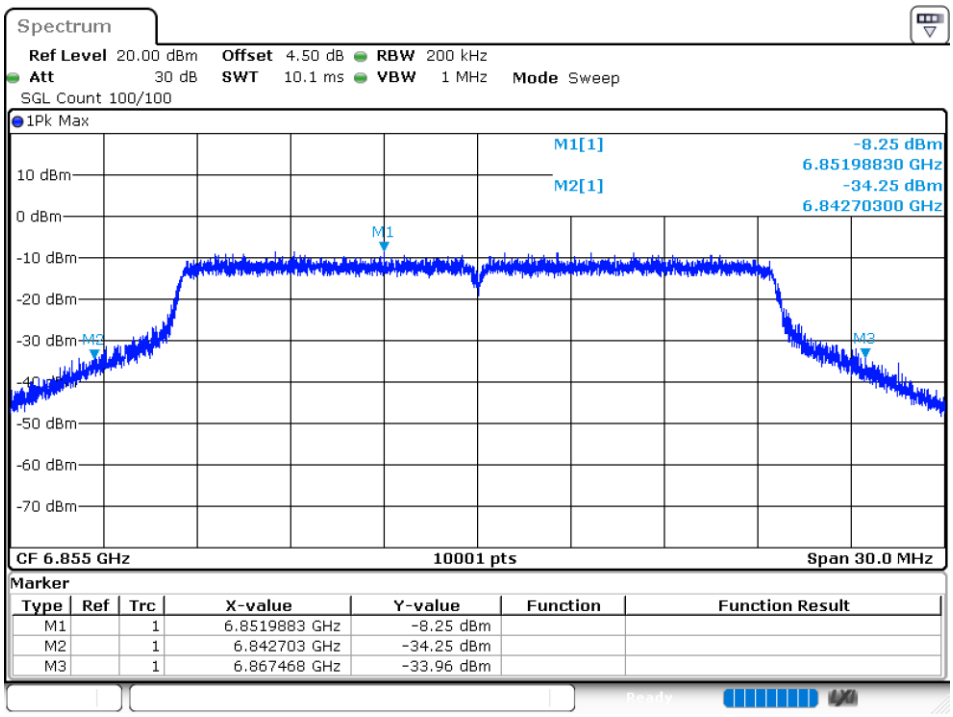
-26dB Bandwidth NVNT ax20 6695MHz Ant2



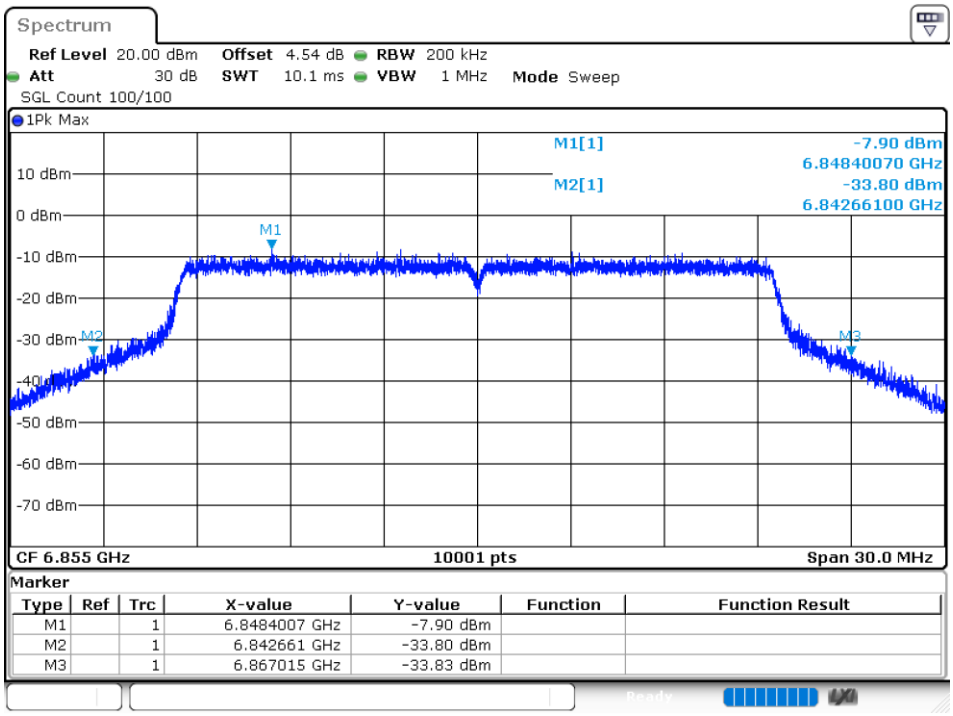
-26dB Bandwidth NVNT ax20 6855MHz Ant1



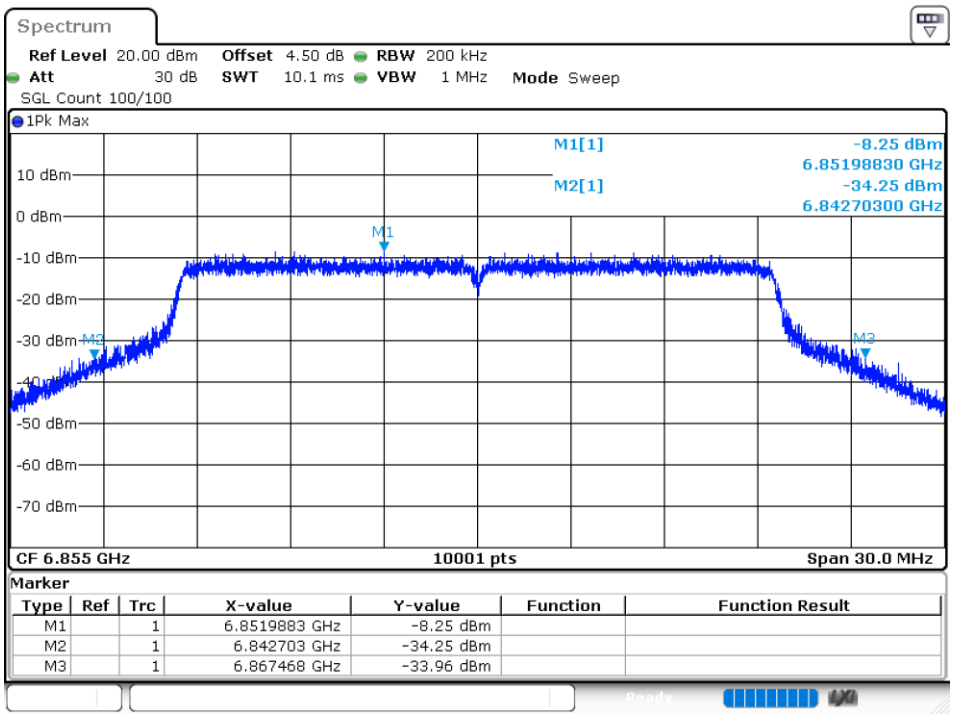
-26dB Bandwidth NVNT ax20 6855MHz Ant2



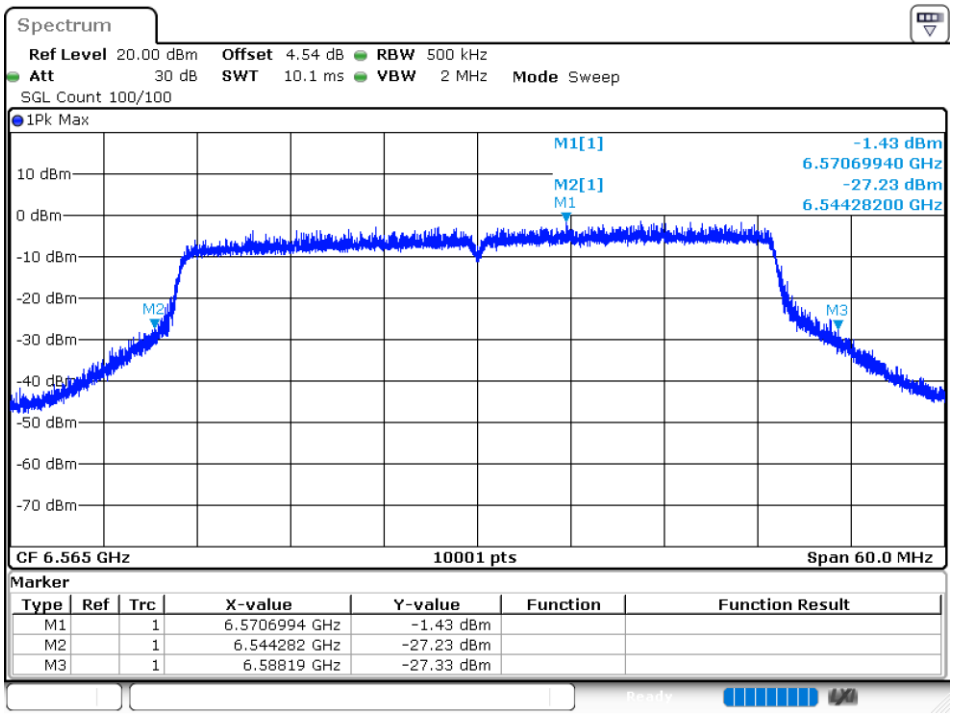
-26dB Bandwidth NVNT ax20 6855MHz Ant1



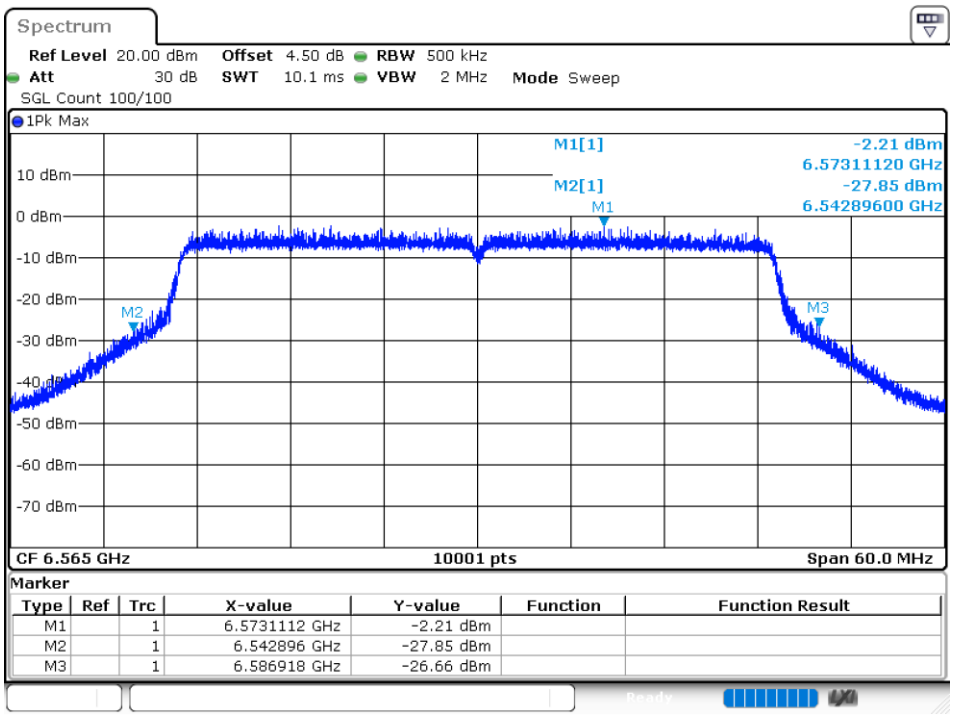
-26dB Bandwidth NVNT ax20 6855MHz Ant2



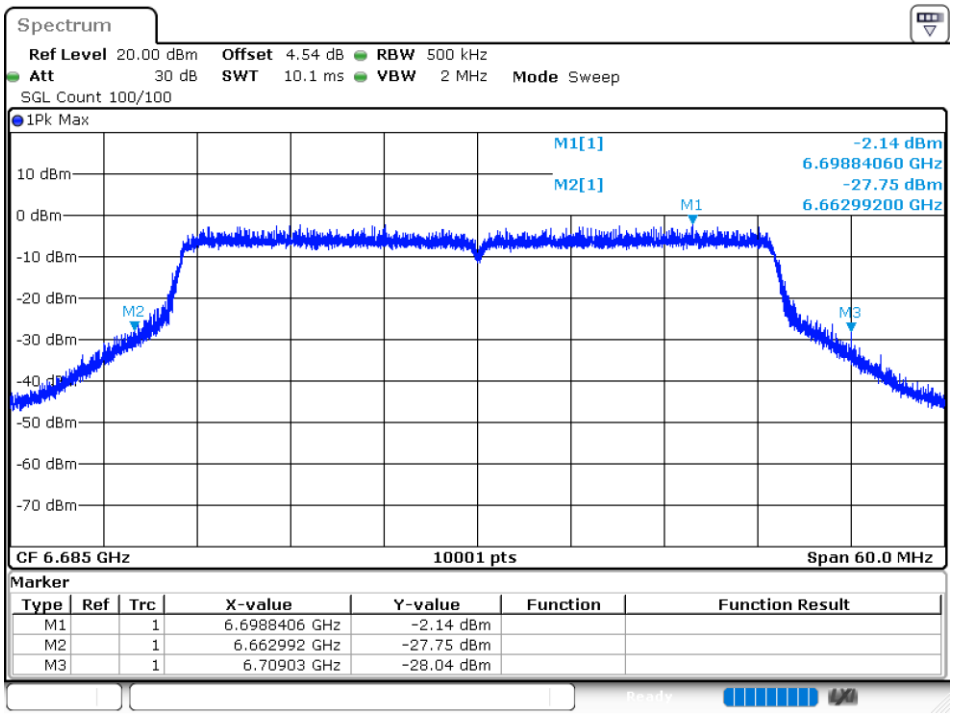
-26dB Bandwidth NVNT ax40 6565MHz Ant1



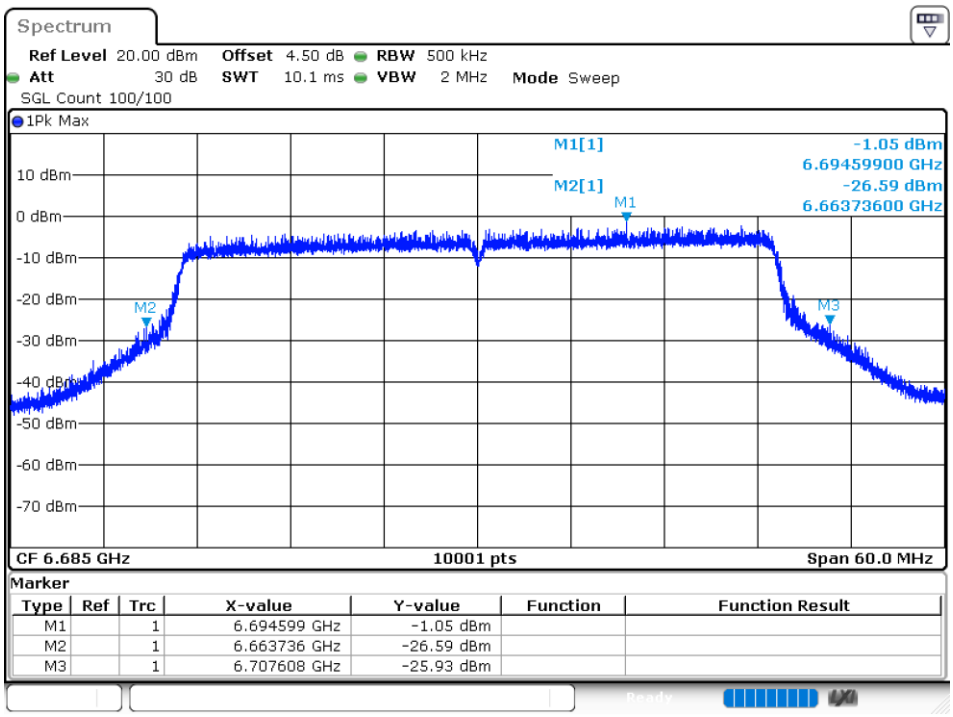
-26dB Bandwidth NVNT ax40 6565MHz Ant2



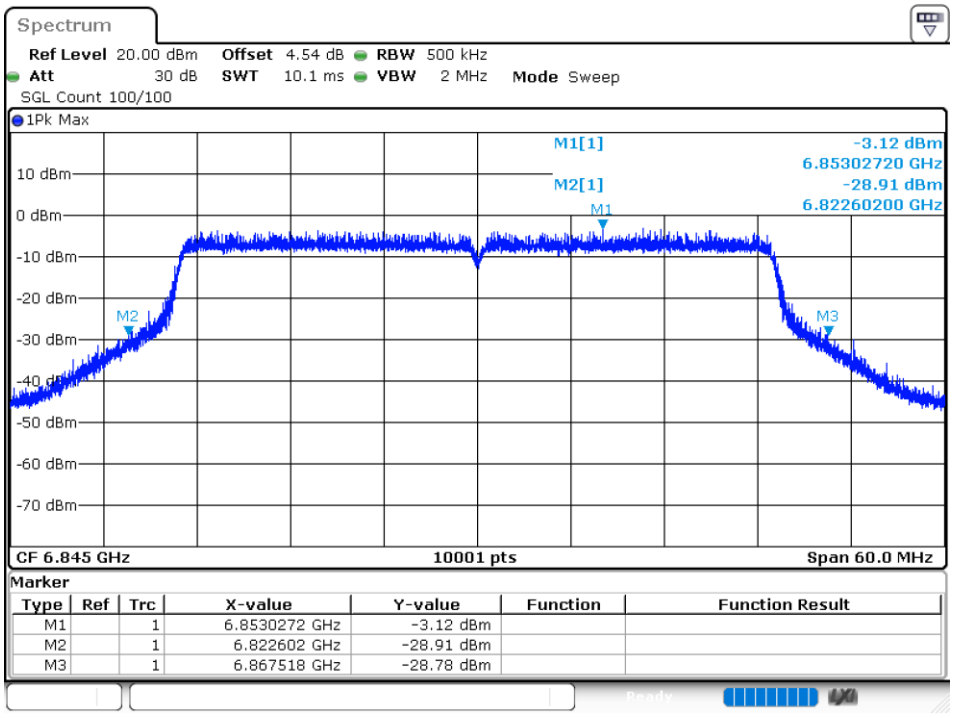
-26dB Bandwidth NVNT ax40 6685MHz Ant1



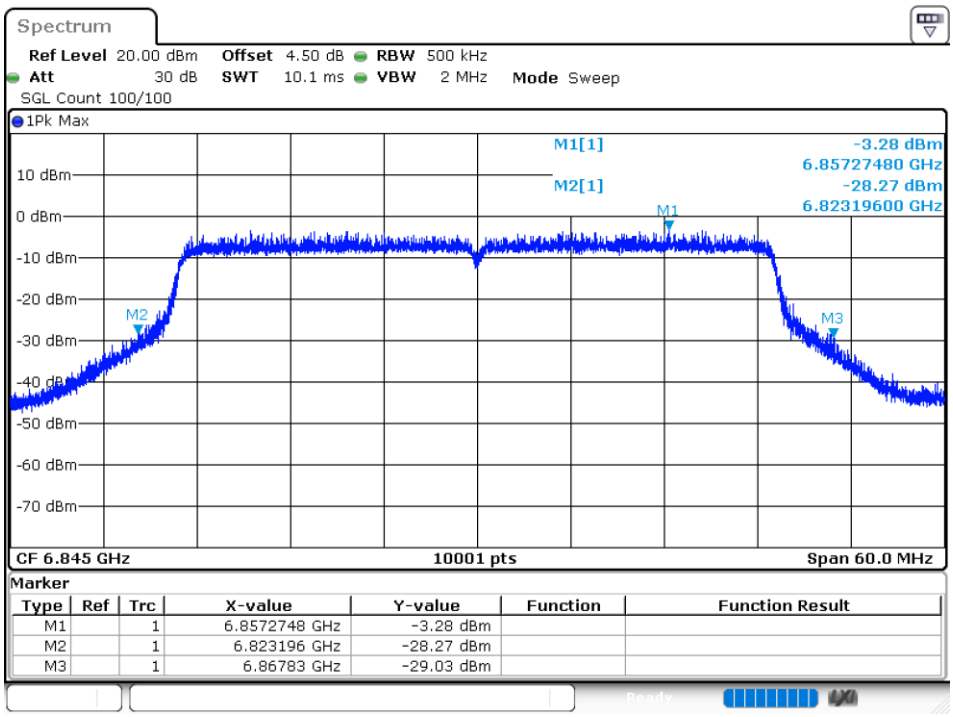
-26dB Bandwidth NVNT ax40 6685MHz Ant2



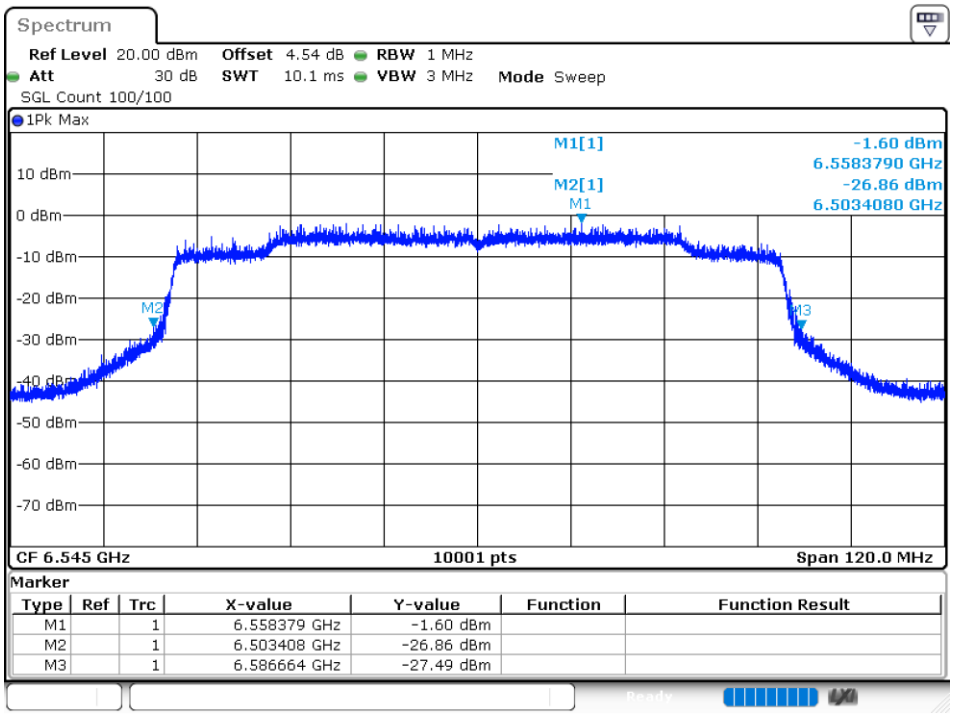
-26dB Bandwidth NVNT ax40 6845MHz Ant1



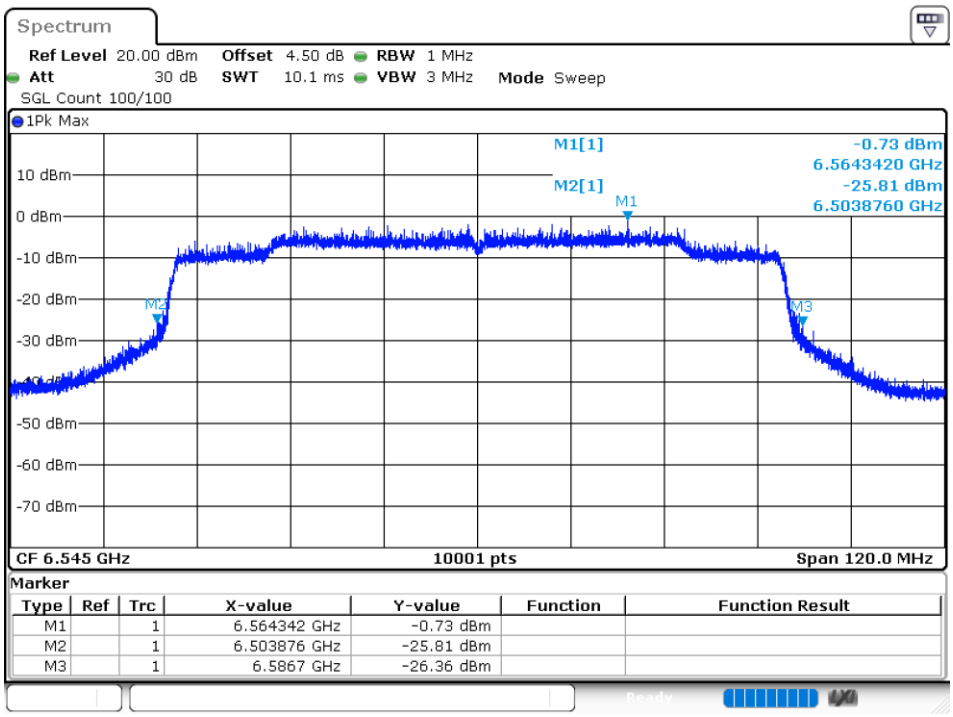
-26dB Bandwidth NVNT ax40 6845MHz Ant2



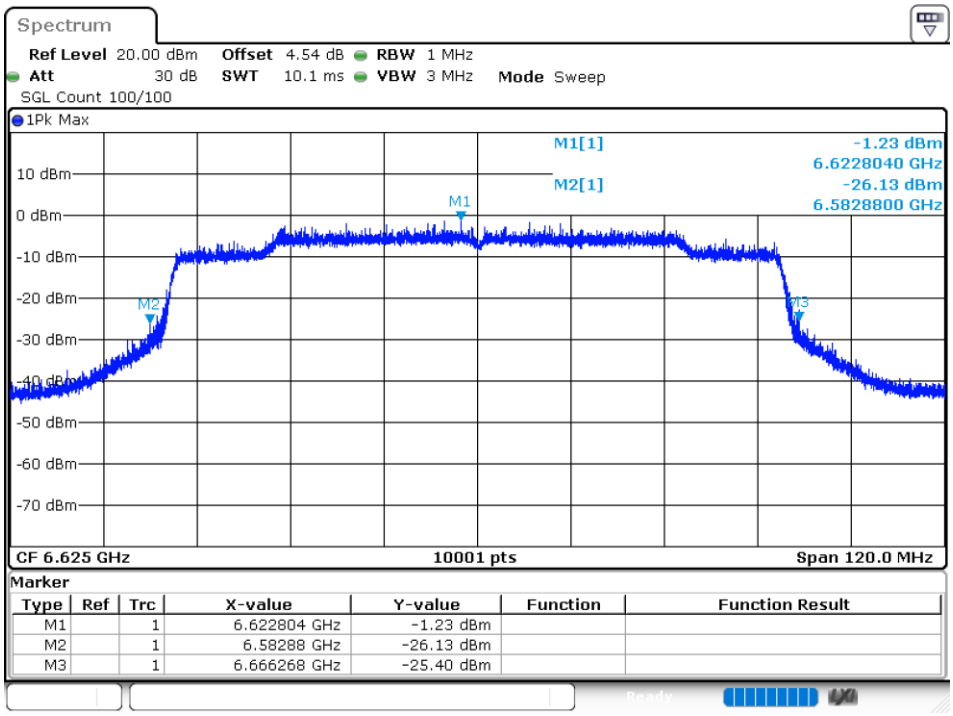
-26dB Bandwidth NVNT ax80 6545MHz Ant1



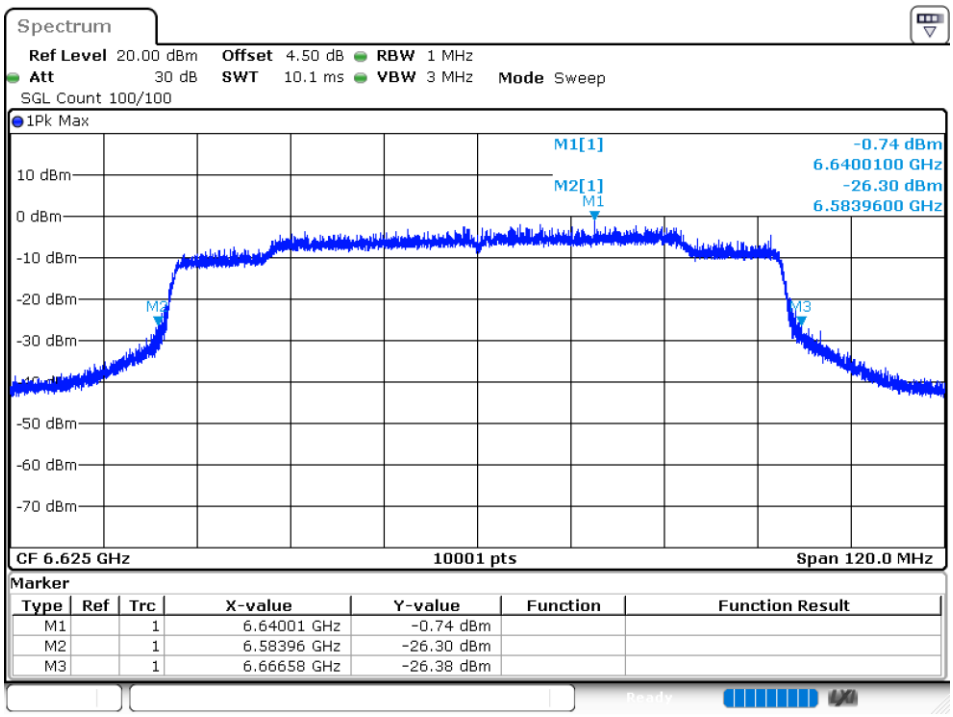
-26dB Bandwidth NVNT ax80 6545MHz Ant2



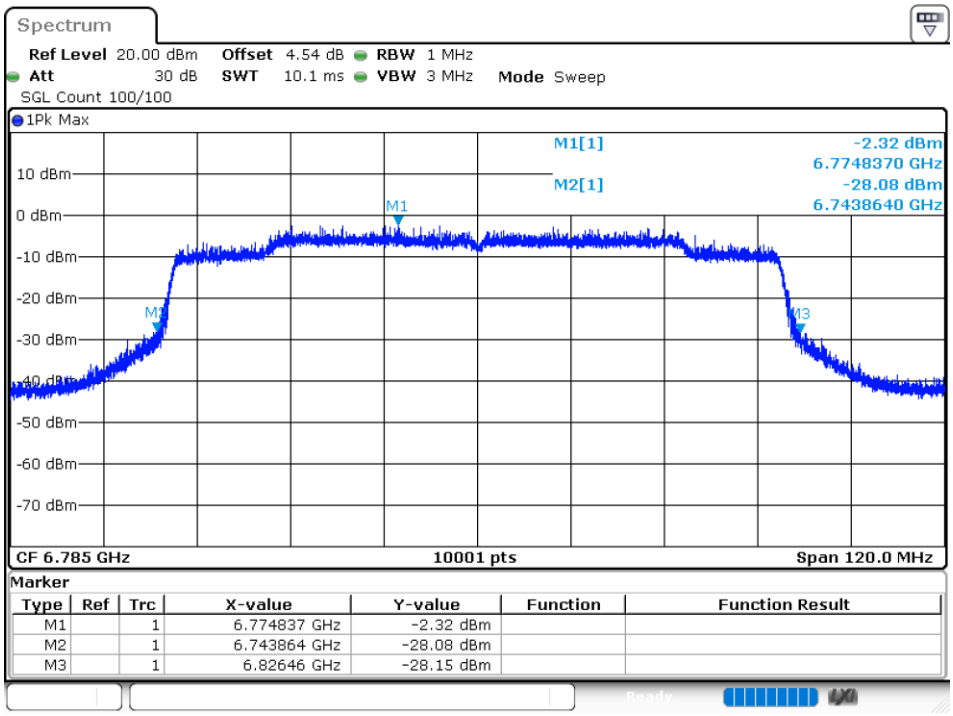
-26dB Bandwidth NVNT ax80 6625MHz Ant1



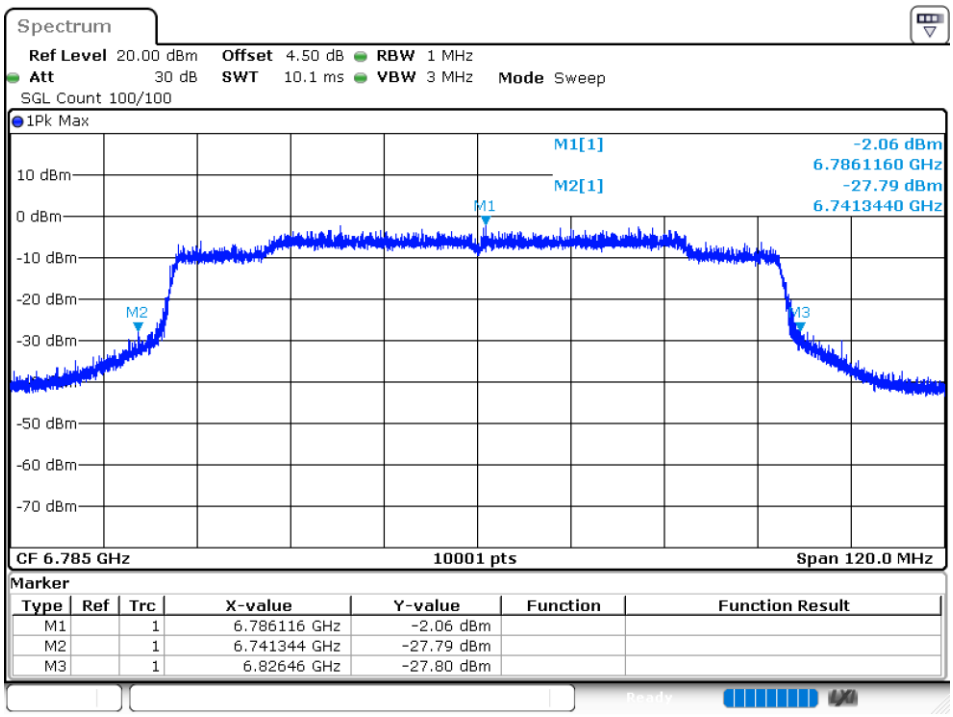
-26dB Bandwidth NVNT ax80 6625MHz Ant2



-26dB Bandwidth NVNT ax80 6785MHz Ant1



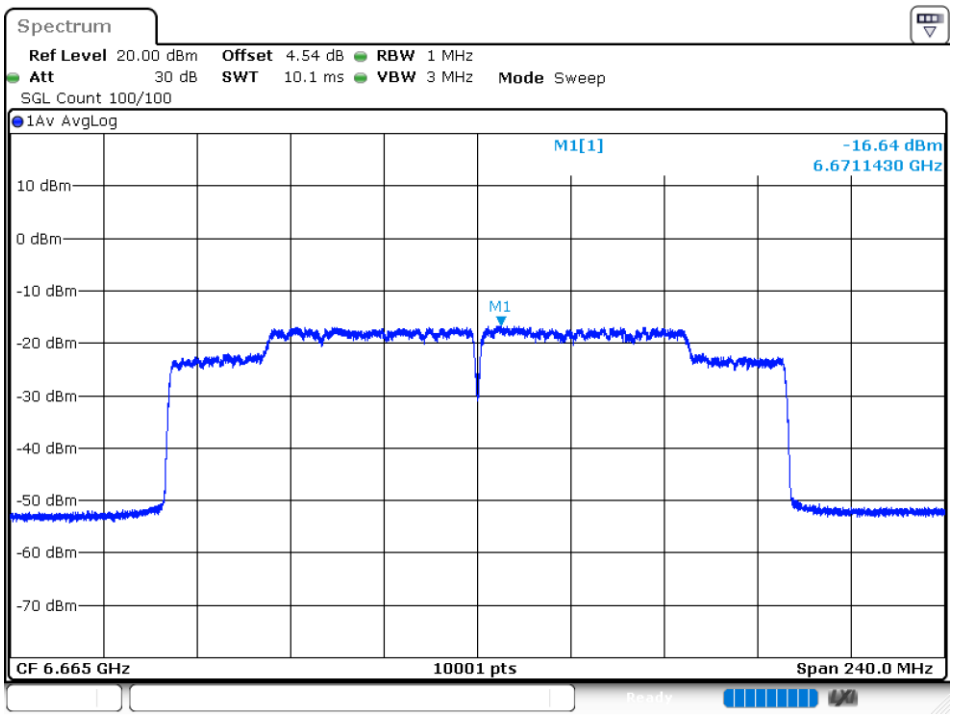
-26dB Bandwidth NVNT ax80 6785MHz Ant2



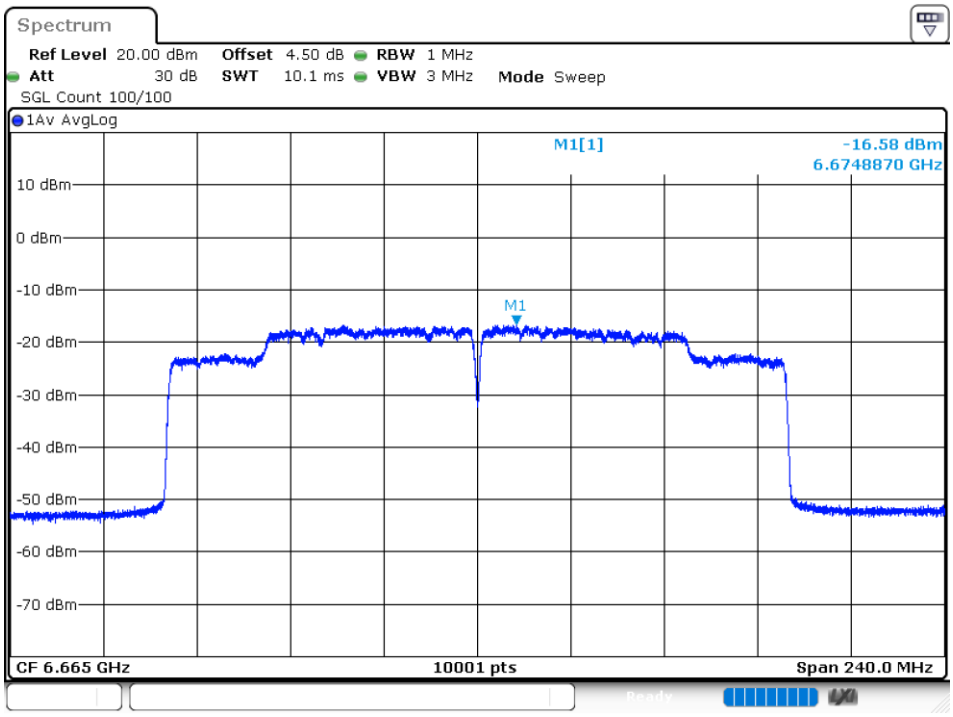
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	-16.64	0	-16.64	4.9	-11.74	-1	Pass
NVNT	ax160	6665	Ant2	-16.58	0	-16.58	4.81	-11.77	-1	Pass
NVNT	ax160	6665	Sum					-8.74	-1	Pass
NVNT	ax160	6825	Ant1	-16.91	0	-16.91	4.9	-12.01	-1	Pass
NVNT	ax160	6825	Ant2	-17.14	0	-17.14	4.81	-12.33	-1	Pass
NVNT	ax160	6825	Sum					-9.16	-1	Pass
NVNT	ax20	6535	Ant1	-11.35	0	-11.35	4.9	-6.45	-1	Pass
NVNT	ax20	6535	Ant2	-11.54	0	-11.54	4.81	-6.73	-1	Pass
NVNT	ax20	6535	Sum					-3.58	-1	Pass
NVNT	ax20	6695	Ant1	-11.51	0.1	-11.41	4.9	-6.51	-1	Pass
NVNT	ax20	6695	Ant2	-11.58	0.1	-11.48	4.81	-6.67	-1	Pass
NVNT	ax20	6695	Sum					-3.58	-1	Pass
NVNT	ax20	6855	Ant1	-12.49	0	-12.49	4.9	-7.59	-1	Pass
NVNT	ax20	6855	Ant2	-12.51	0	-12.51	4.81	-7.7	-1	Pass
NVNT	ax20	6855	Sum					-4.63	-1	Pass
NVNT	ax40	6685	Ant1	-11.25	0	-11.25	4.9	-6.35	-1	Pass
NVNT	ax40	6685	Ant2	-10.8	0	-10.8	4.81	-5.99	-1	Pass
NVNT	ax40	6685	Sum					-3.16	-1	Pass
NVNT	ax40	6845	Ant1	-12.13	0	-12.13	4.9	-7.23	-1	Pass
NVNT	ax40	6845	Ant2	-12.3	0	-12.3	4.81	-7.49	-1	Pass
NVNT	ax40	6845	Sum					-4.35	-1	Pass
NVNT	ax80	6545	Ant1	-14.1	0	-14.1	4.9	-9.2	-1	Pass
NVNT	ax80	6545	Ant2	-14.47	0	-14.47	4.81	-9.66	-1	Pass
NVNT	ax80	6545	Sum					-6.41	-1	Pass
NVNT	ax80	6625	Ant1	-13.74	0	-13.74	4.9	-8.84	-1	Pass
NVNT	ax80	6625	Ant2	-14.03	0	-14.03	4.81	-9.22	-1	Pass
NVNT	ax80	6625	Sum					-6.02	-1	Pass
NVNT	ax80	6785	Ant1	-14.45	0	-14.45	4.9	-9.55	-1	Pass
NVNT	ax80	6785	Ant2	-14.69	0	-14.69	4.81	-9.88	-1	Pass
NVNT	ax80	6785	Sum					-6.7	-1	Pass

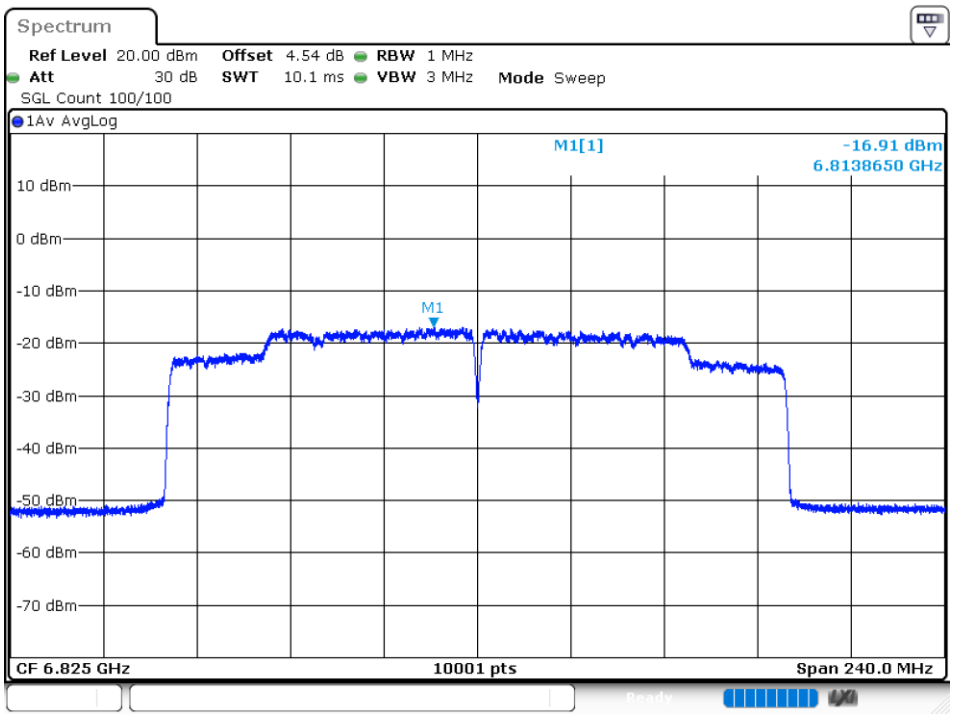
Test Graphs
PSD NVNT ax160 6665MHz Ant1



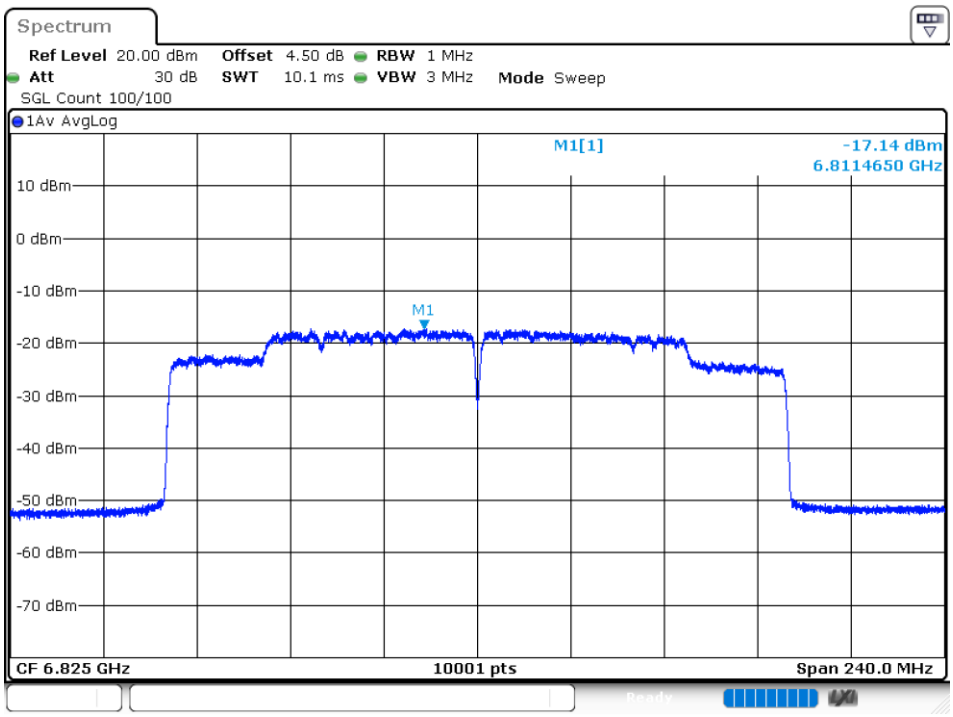
PSD NVNT ax160 6665MHz Ant2



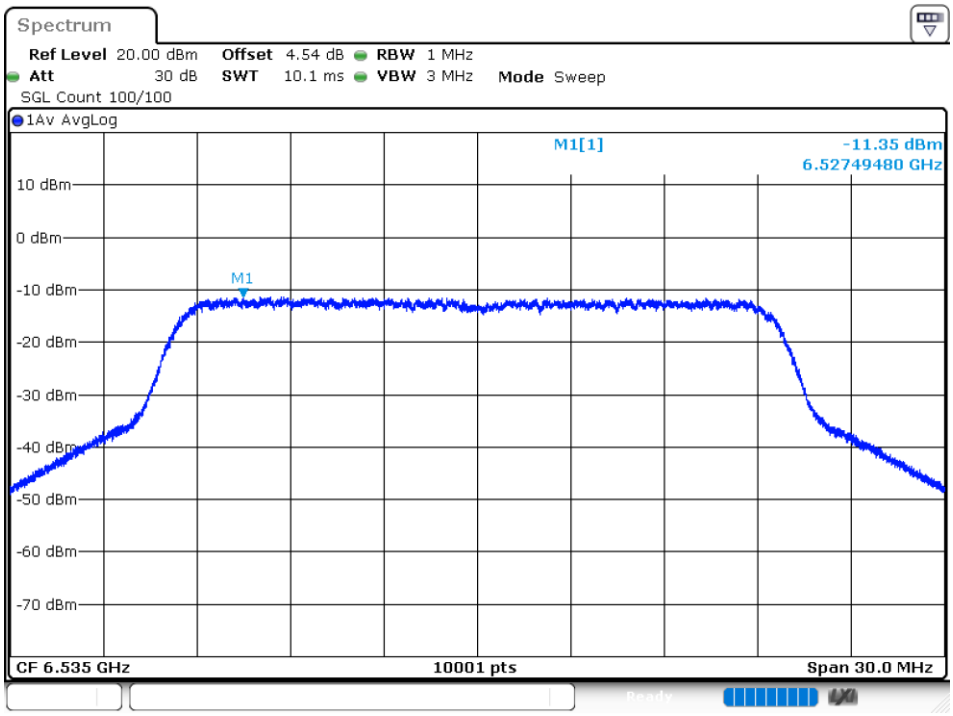
PSD NVNT ax160 6825MHz Ant1



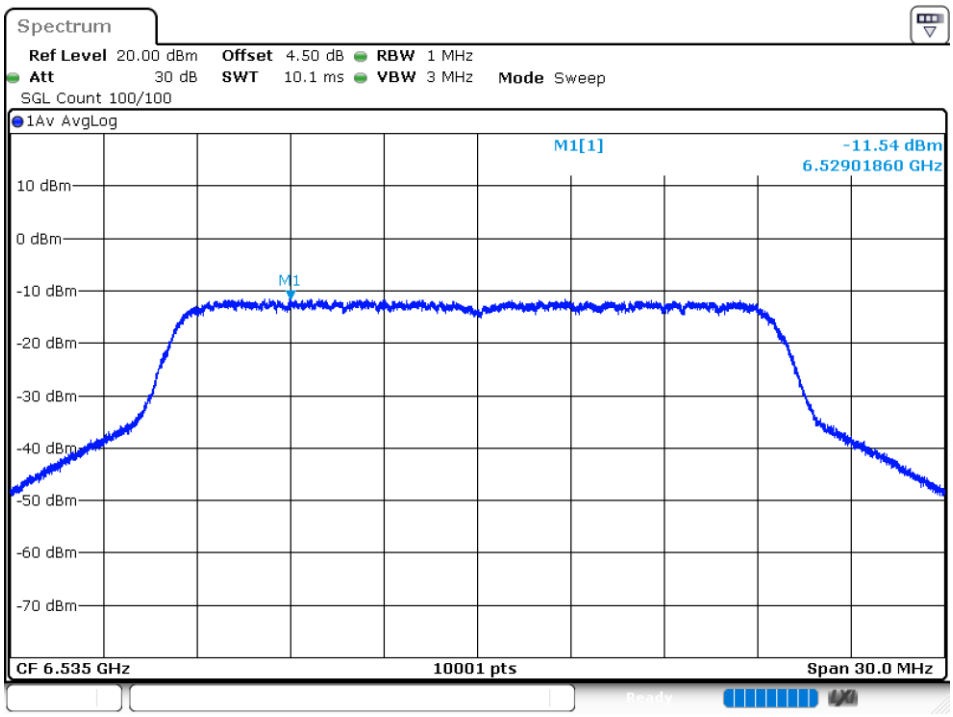
PSD NVNT ax160 6825MHz Ant2



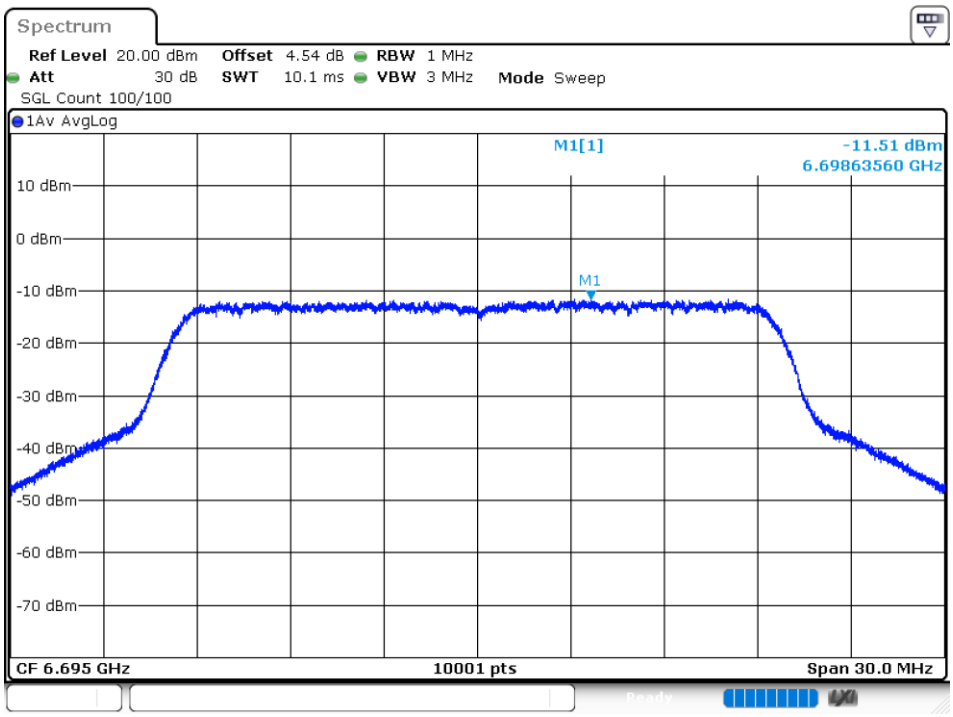
PSD NVNT ax20 6535MHz Ant1



PSD NVNT ax20 6535MHz Ant2



PSD NVNT ax20 6695MHz Ant1



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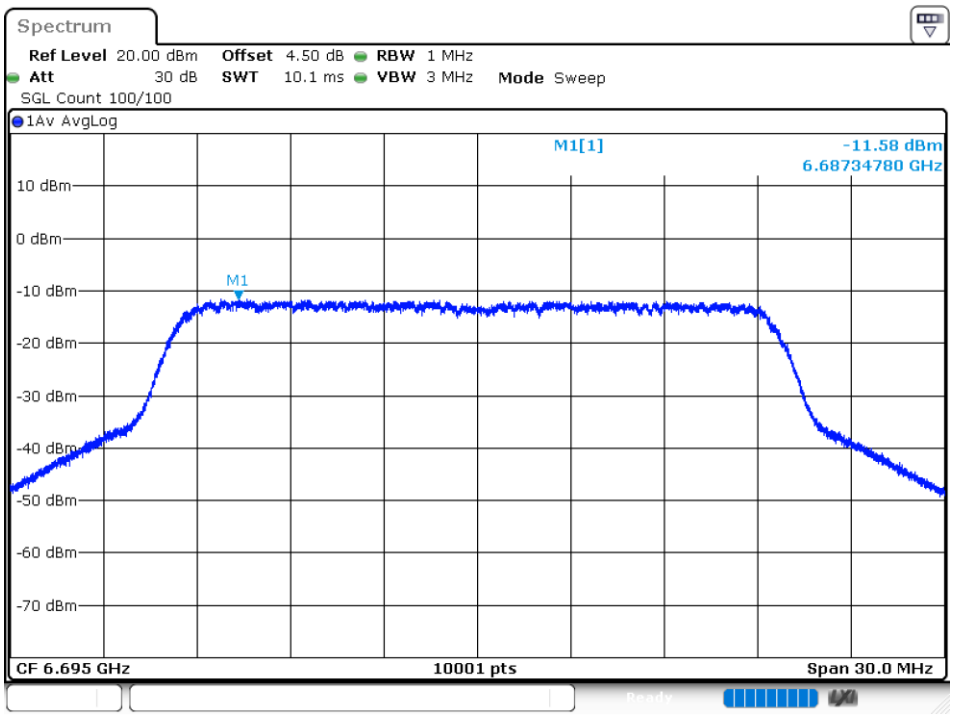
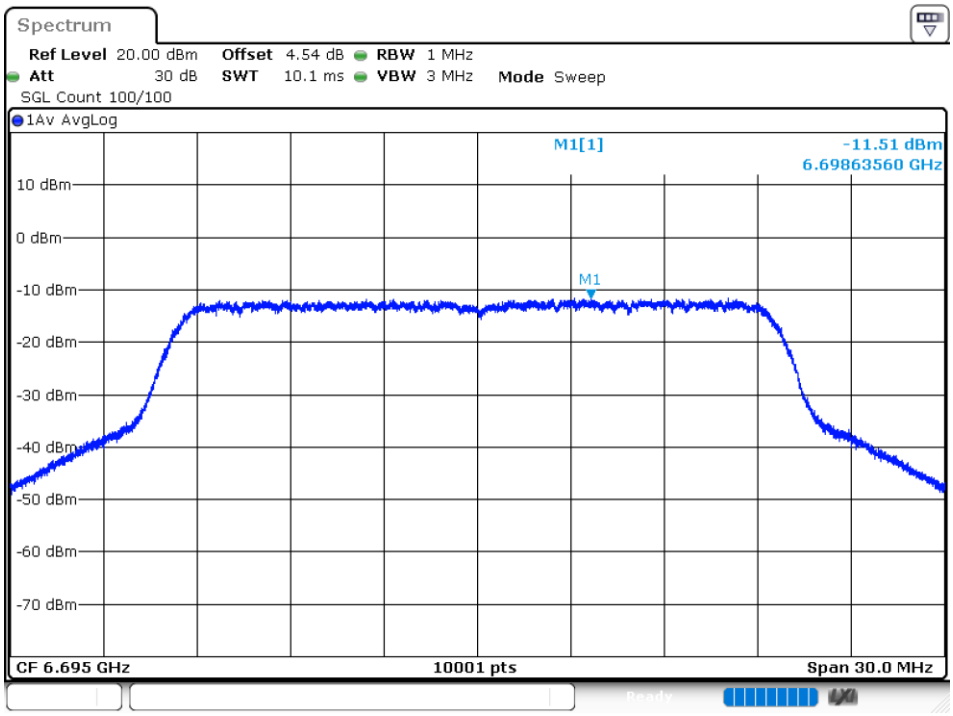


PSD NVNT ax20 6695MHz Ant1



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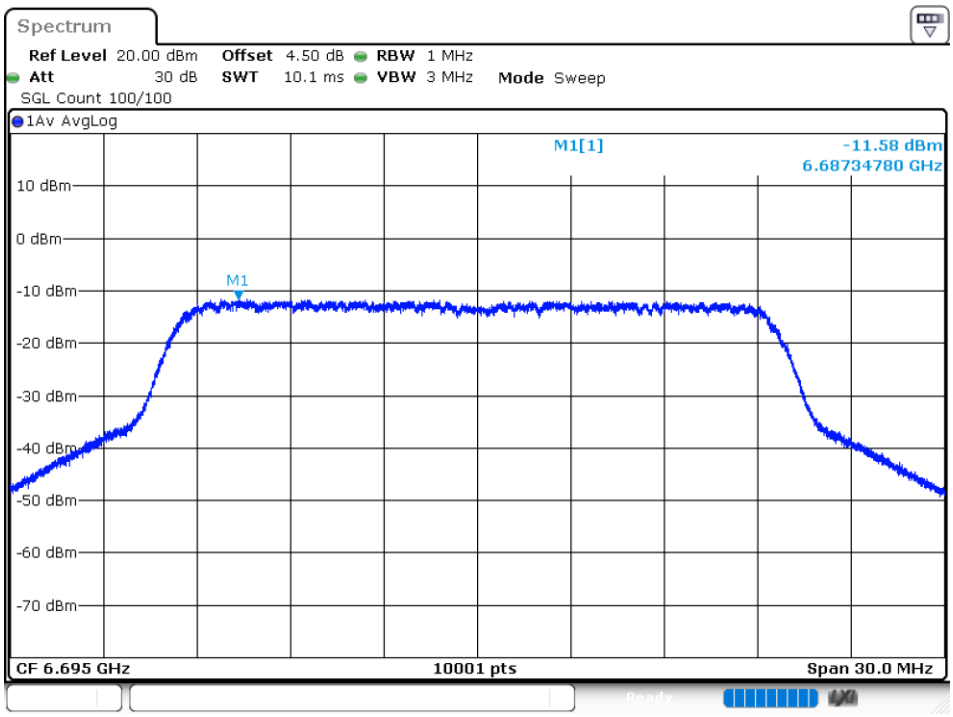
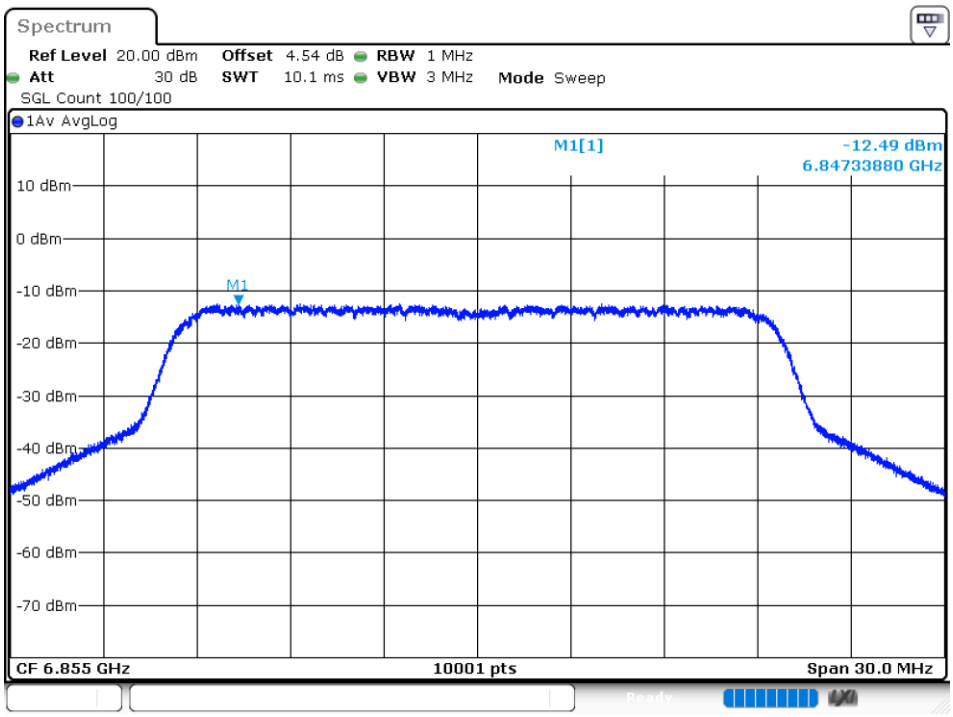
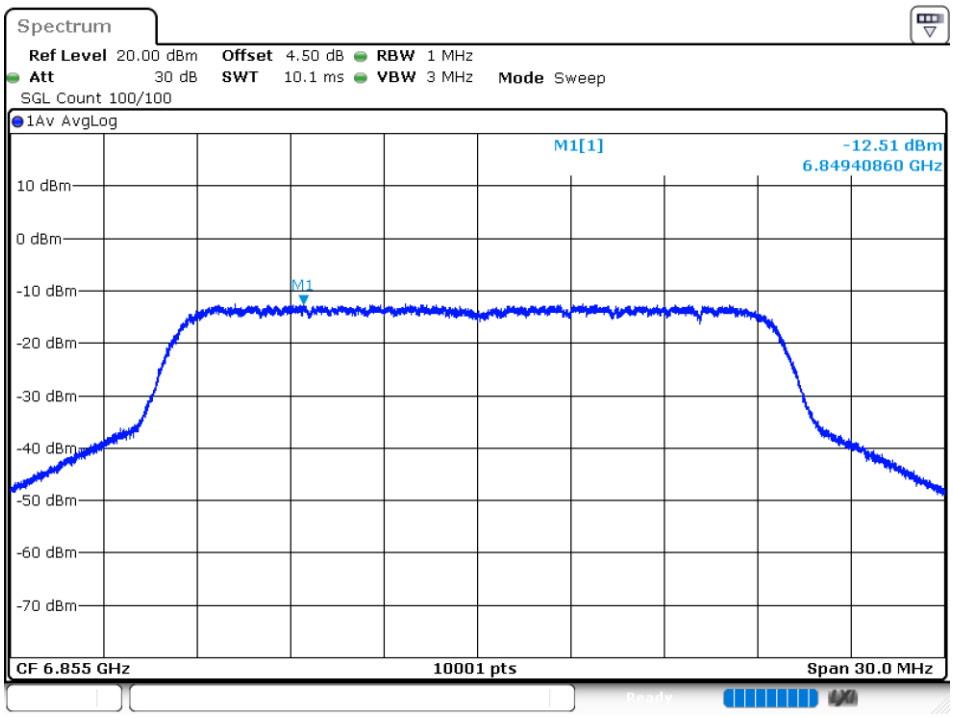


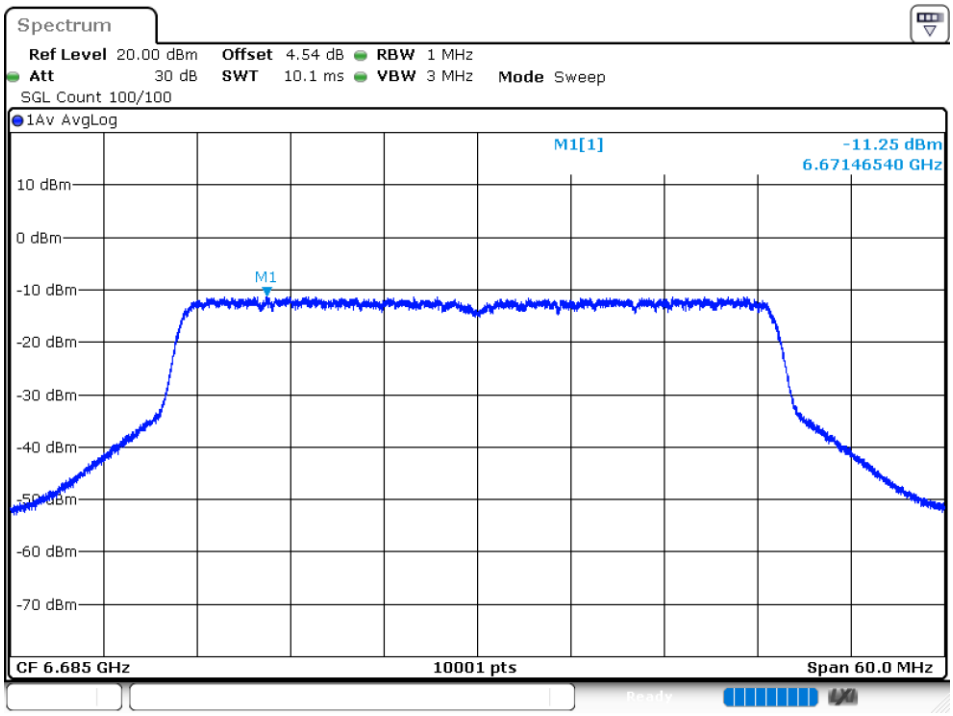
PSD NVNT ax20 6855MHz Ant1



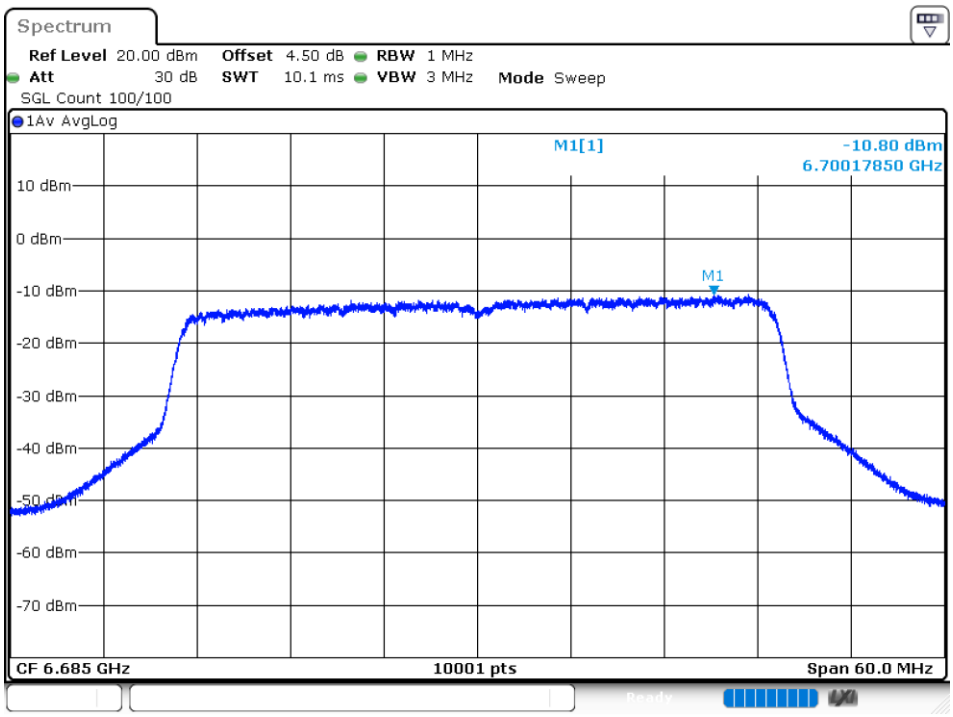
PSD NVNT ax20 6855MHz Ant2



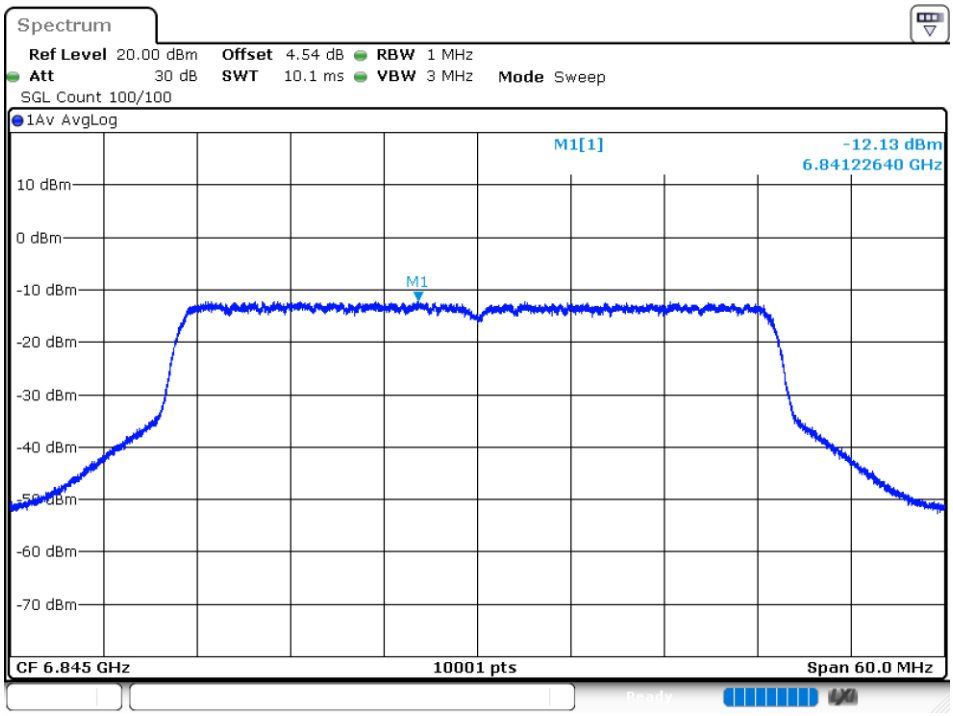
PSD NVNT ax40 6685MHz Ant1



PSD NVNT ax40 6685MHz Ant2



PSD NVNT ax40 6845MHz Ant1



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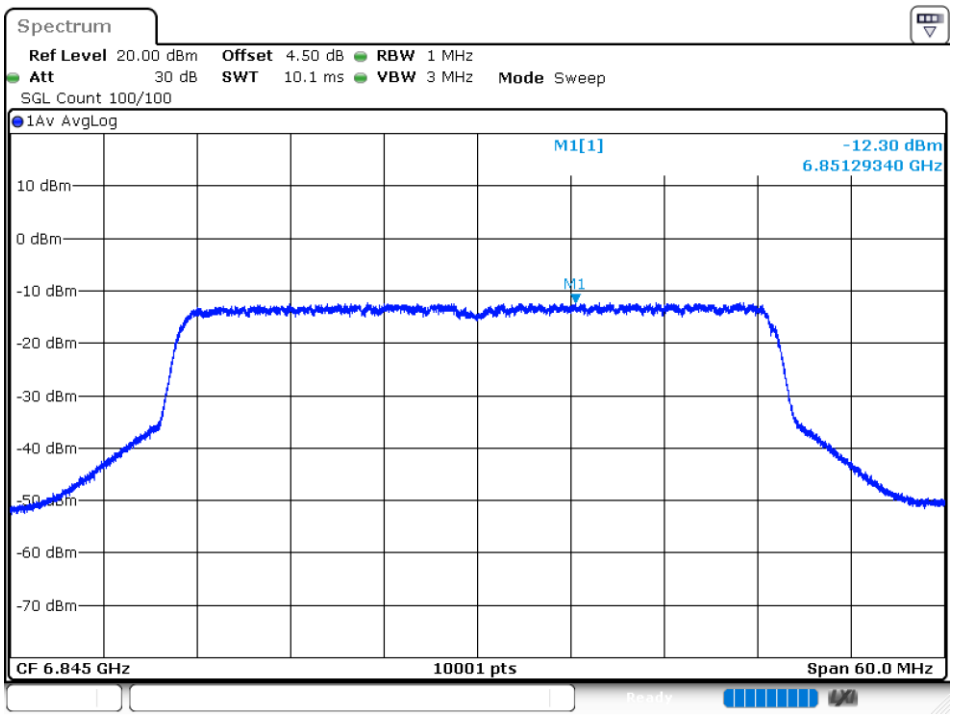
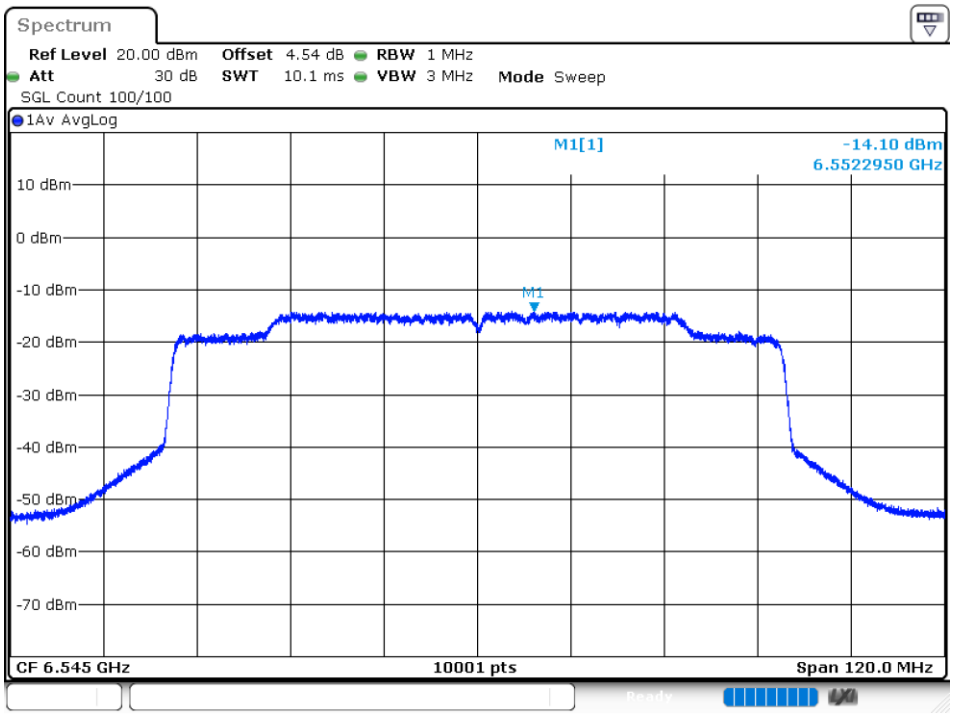
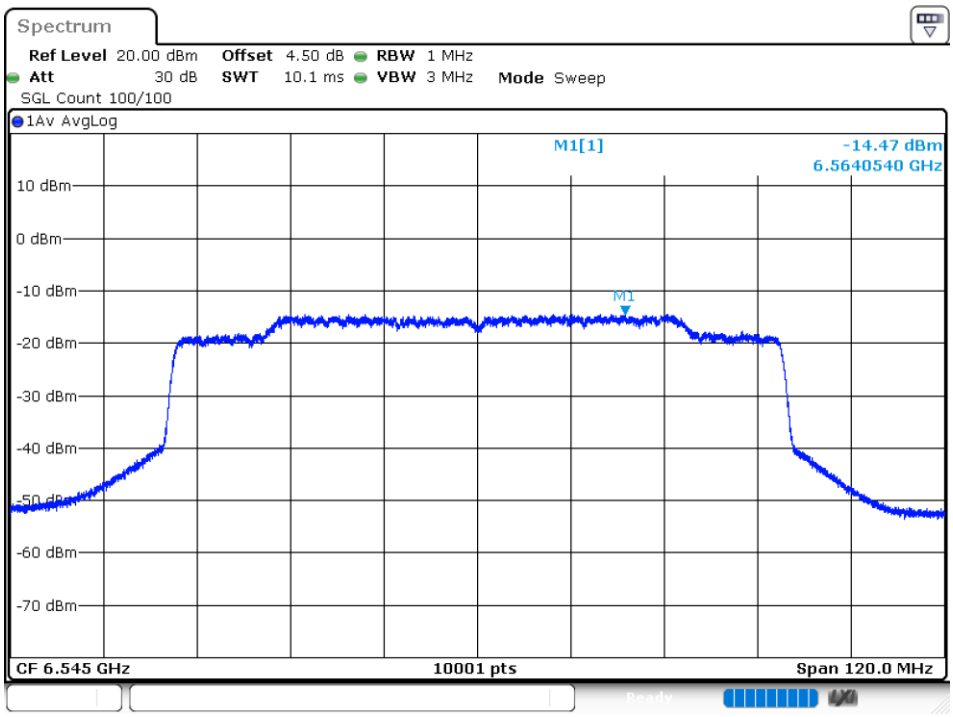


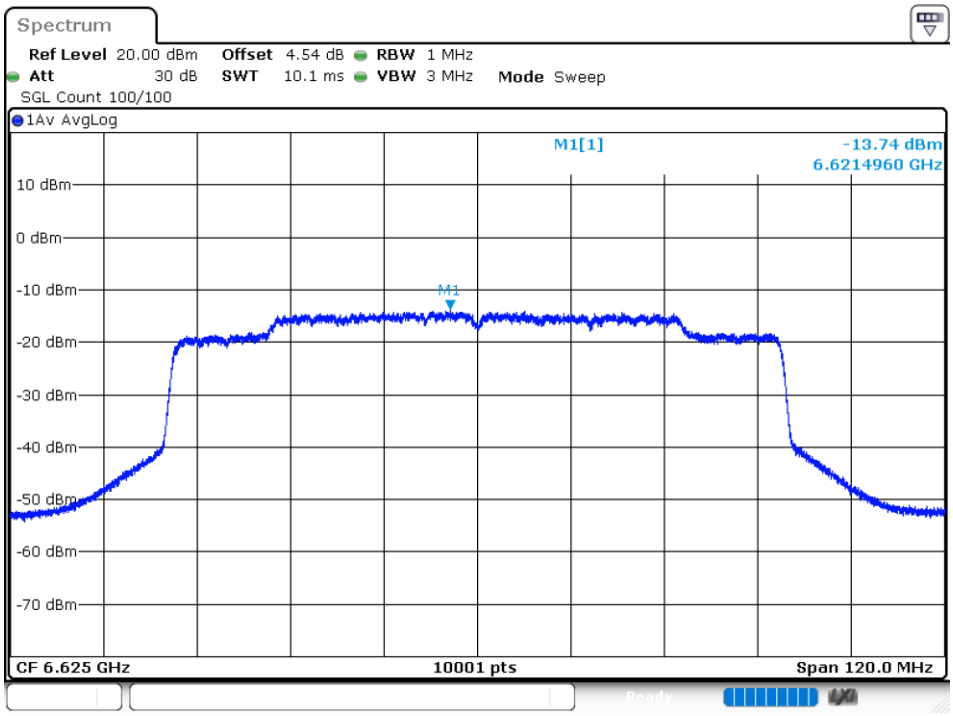
PSD NVNT ax80 6545MHz Ant1



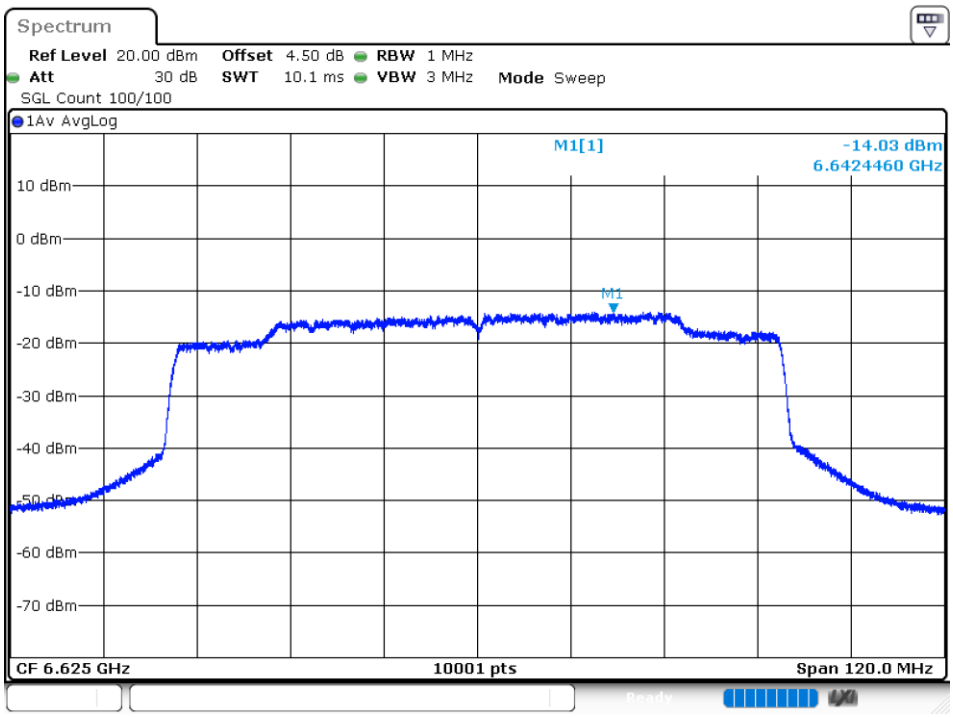
PSD NVNT ax80 6545MHz Ant2



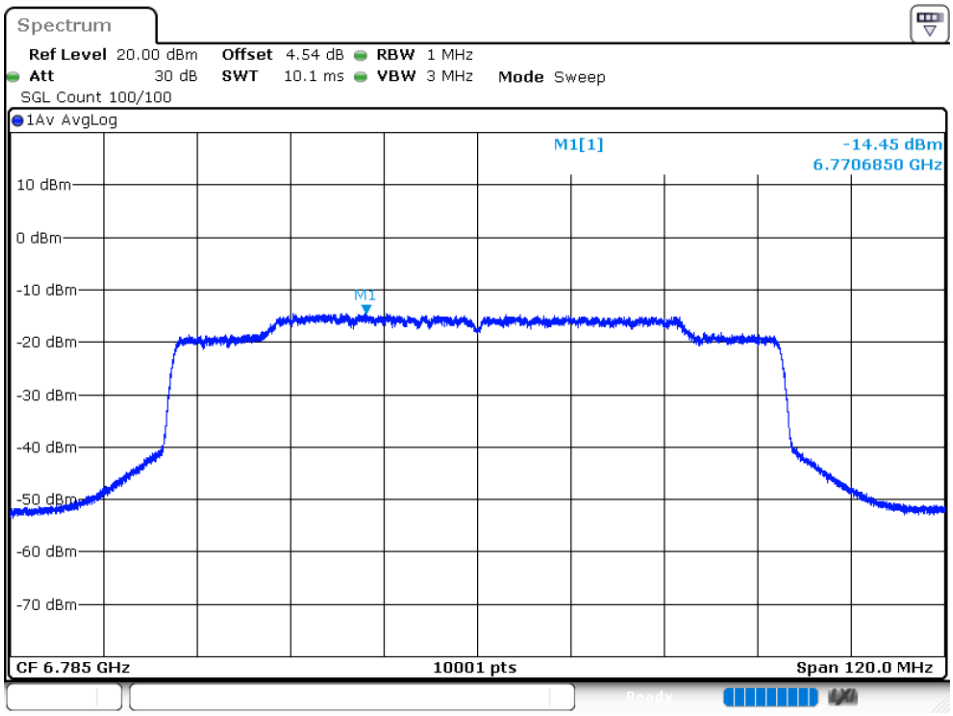
PSD NVNT ax80 6625MHz Ant1



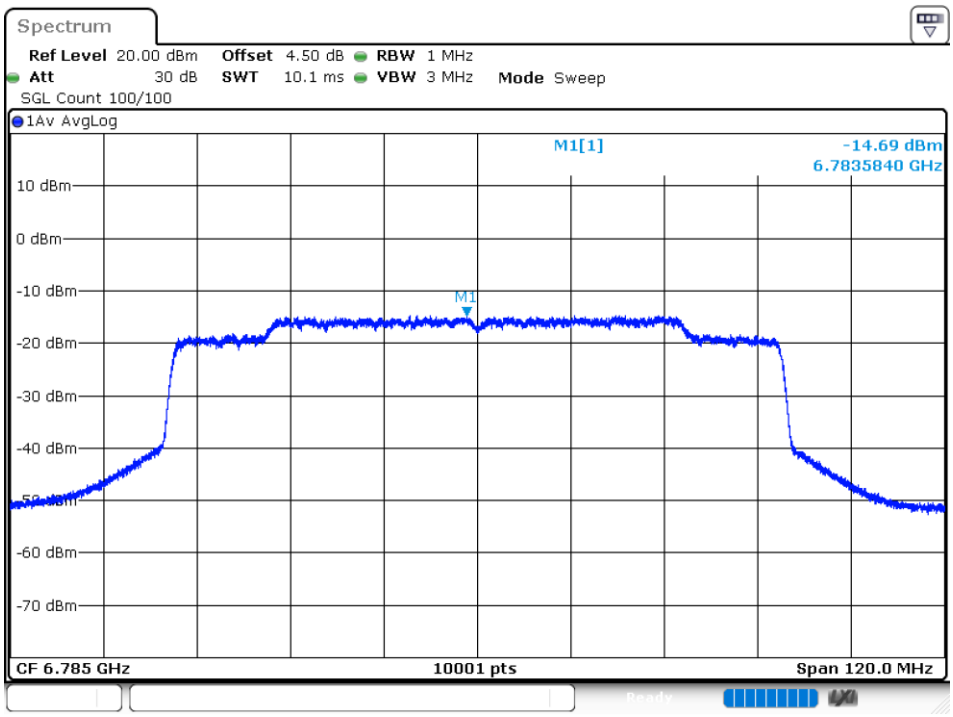
PSD NVNT ax80 6625MHz Ant2



PSD NVNT ax80 6785MHz Ant1



PSD NVNT ax80 6785MHz Ant2

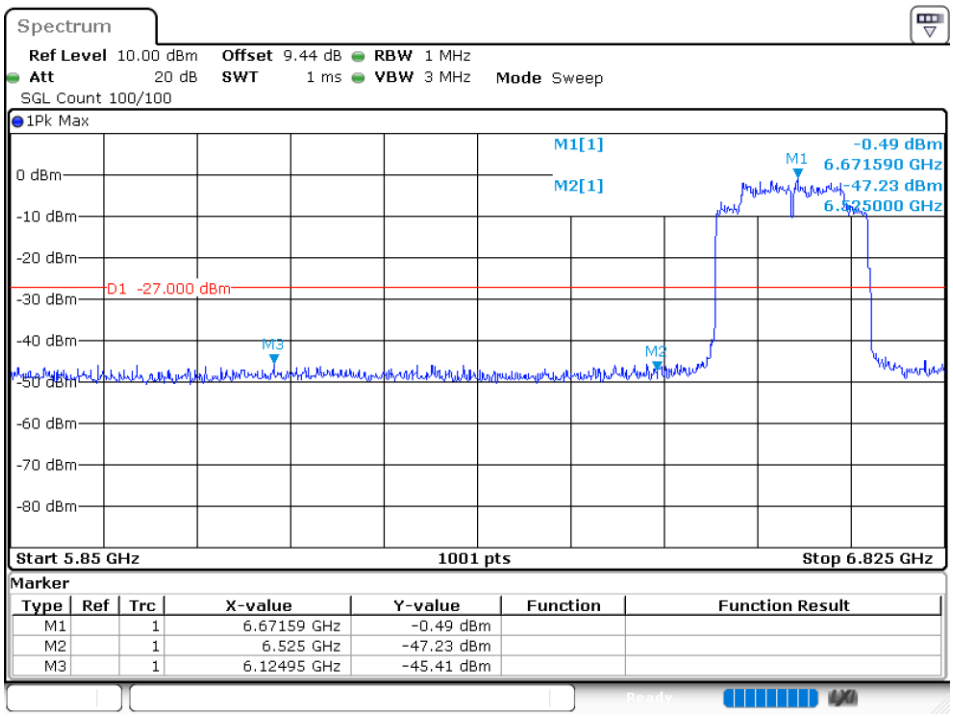


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	-45.41	-27	Pass
NVNT	ax160	6665	Ant2	-45.74	-27	Pass
NVNT	ax160	6825	Ant1	-55.51	-27	Pass
NVNT	ax160	6825	Ant2	-56.53	-27	Pass
NVNT	ax20	6535	Ant1	-45.94	-27	Pass
NVNT	ax20	6535	Ant2	-45.61	-27	Pass
NVNT	ax20	6855	Ant1	-46.99	-27	Pass
NVNT	ax20	6855	Ant2	-48.26	-27	Pass
NVNT	ax40	6565	Ant1	-41.6	-27	Pass
NVNT	ax40	6565	Ant2	-44.15	-27	Pass
NVNT	ax40	6845	Ant1	-47.42	-27	Pass
NVNT	ax40	6845	Ant2	-47.61	-27	Pass
NVNT	ax80	6545	Ant1	-46.55	-27	Pass
NVNT	ax80	6545	Ant2	-45.26	-27	Pass
NVNT	ax80	6785	Ant1	-44.6	-27	Pass
NVNT	ax80	6785	Ant2	-43.47	-27	Pass

Test Graphs

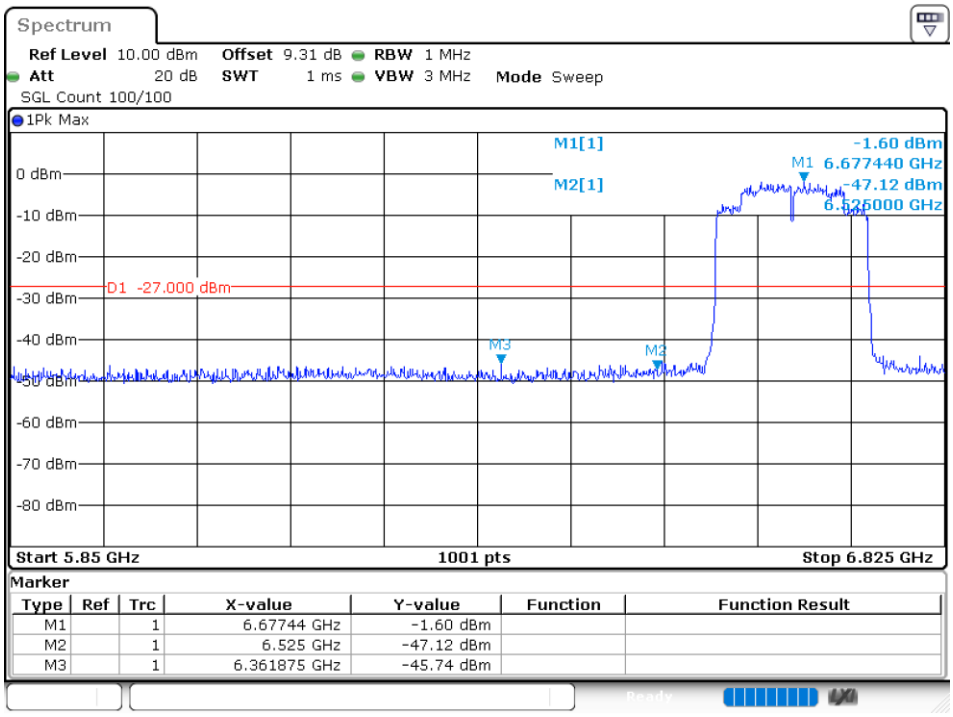
Band Edge NVNT ax160 6665MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.67159 GHz	-0.49 dBm		
M2		1	6.525 GHz	-47.23 dBm		
M3		1	6.12495 GHz	-45.41 dBm		

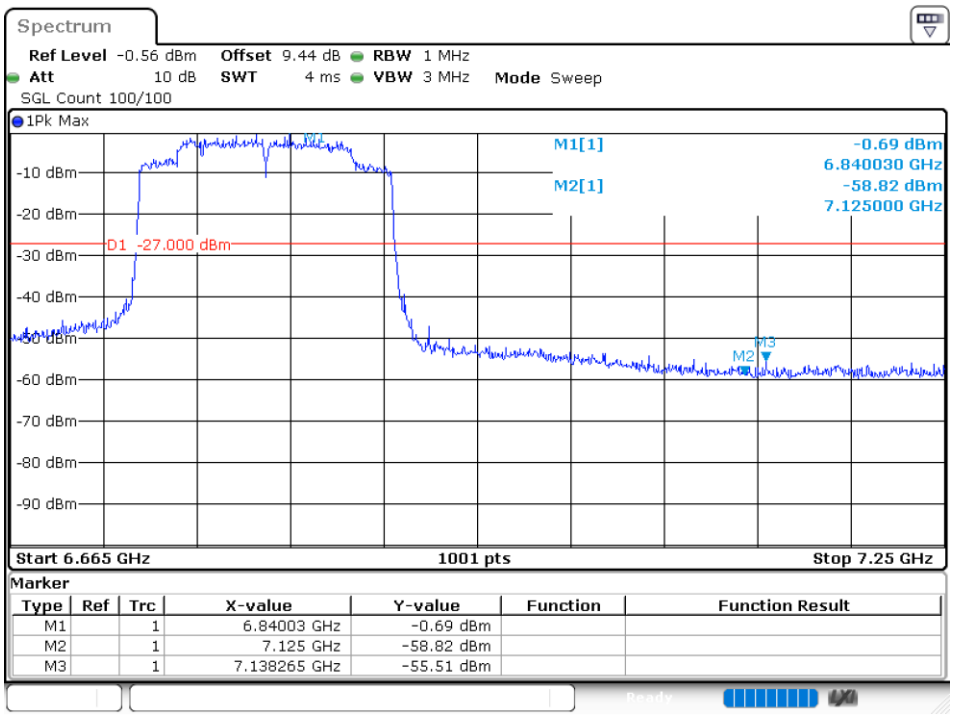
Band Edge NVNT ax160 6665MHz Low Ant2



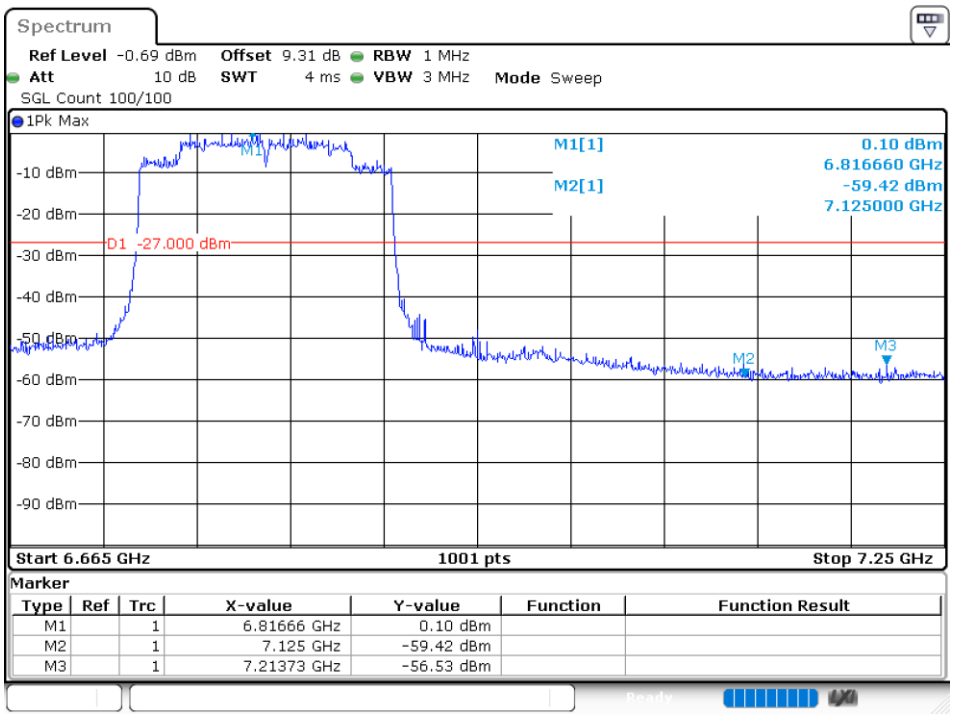
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.67744 GHz	-1.60 dBm		
M2		1	6.525 GHz	-47.12 dBm		
M3		1	6.361875 GHz	-45.74 dBm		

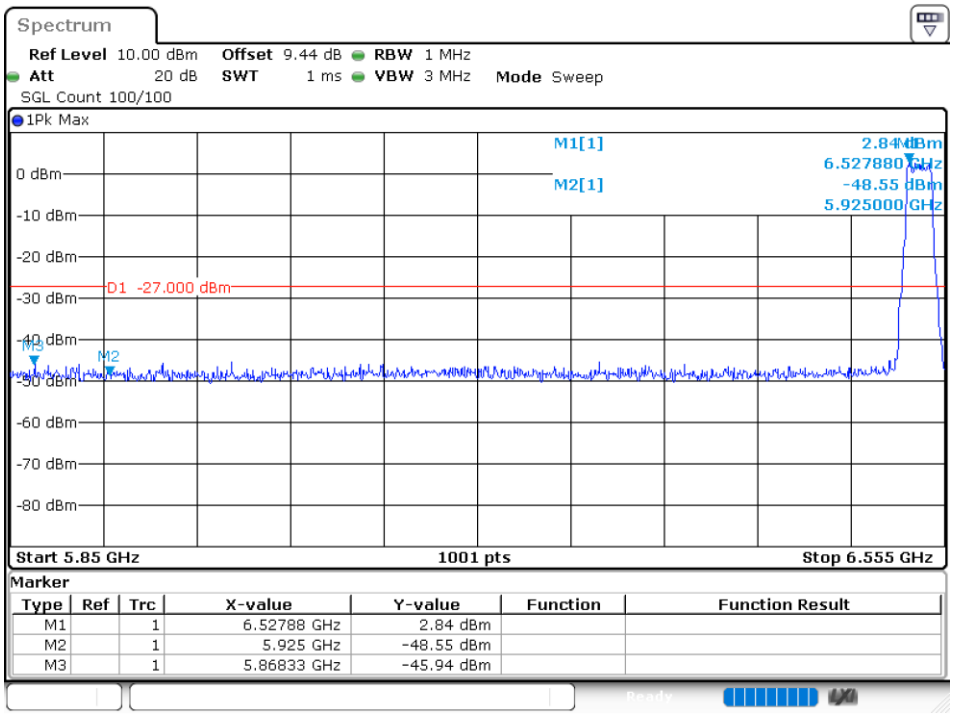
Band Edge NVNT ax160 6825MHz High Ant1



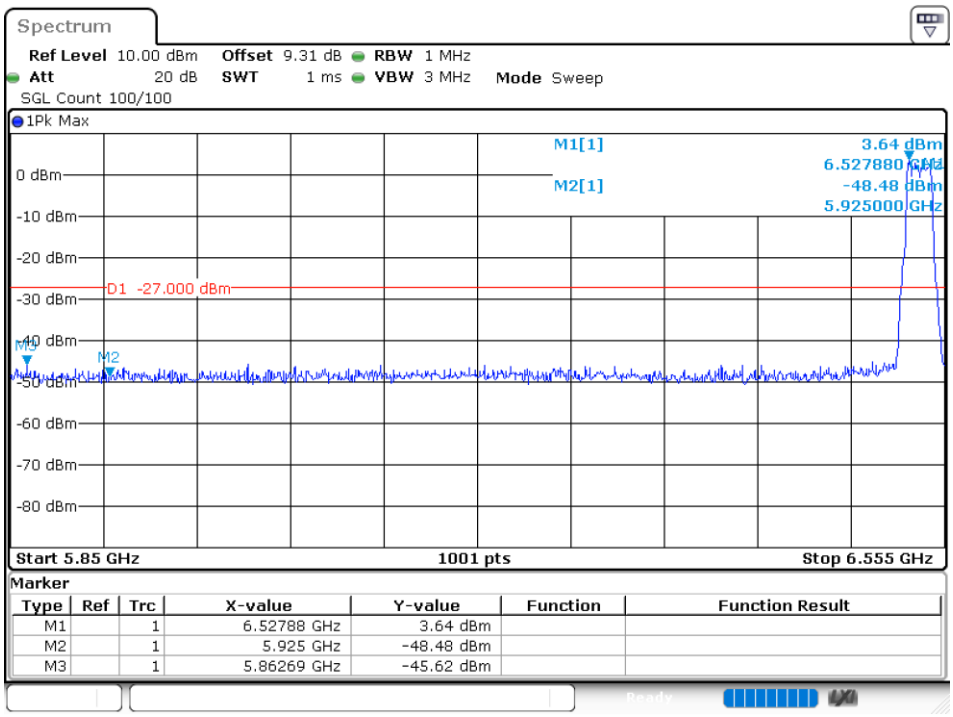
Band Edge NVNT ax160 6825MHz High Ant2



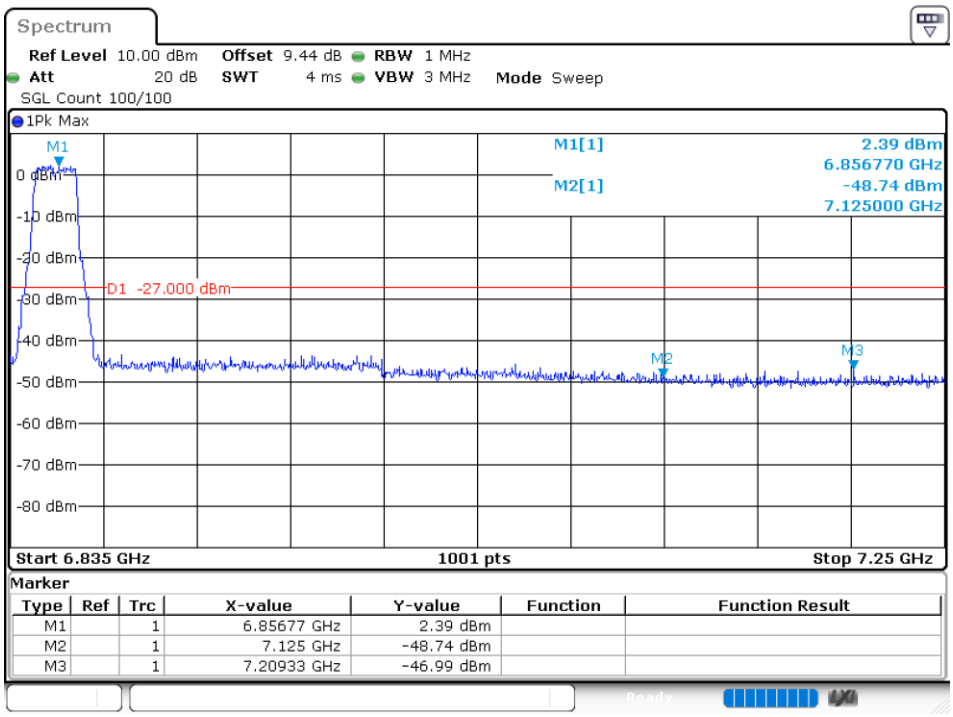
Band Edge NVNT ax20 6535MHz Low Ant1



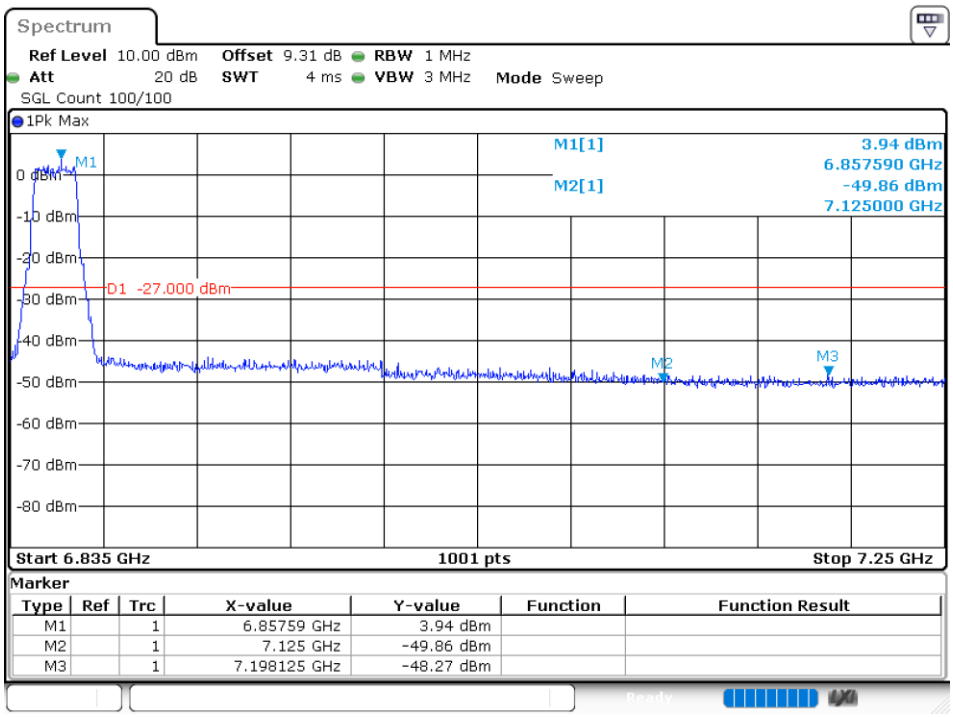
Band Edge NVNT ax20 6535MHz Low Ant2



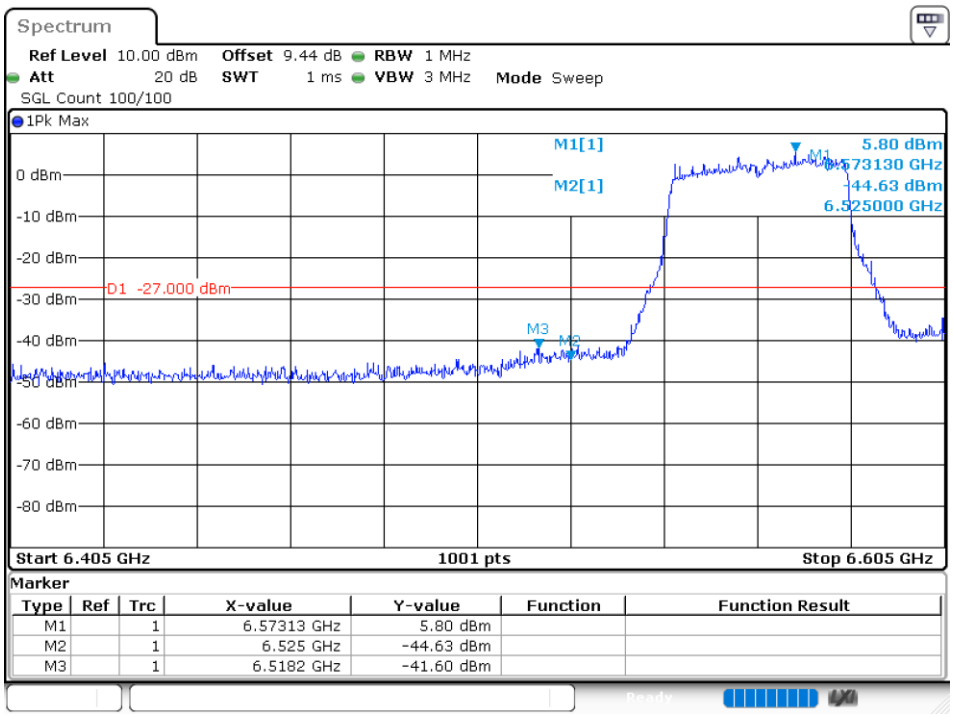
Band Edge NVNT ax20 6855MHz High Ant1



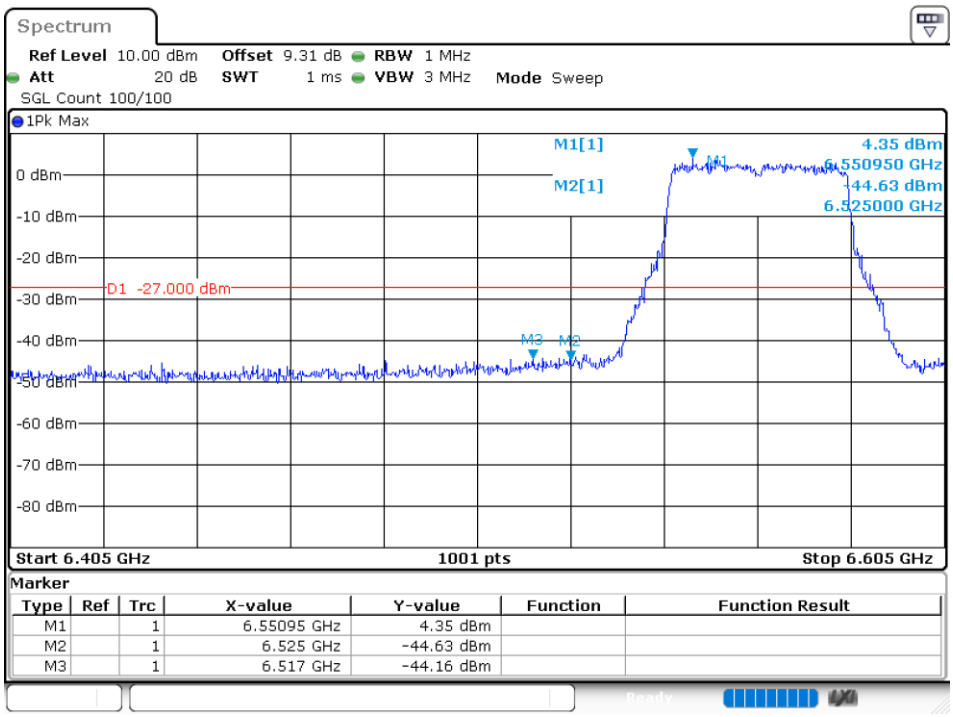
Band Edge NVNT ax20 6855MHz High Ant2



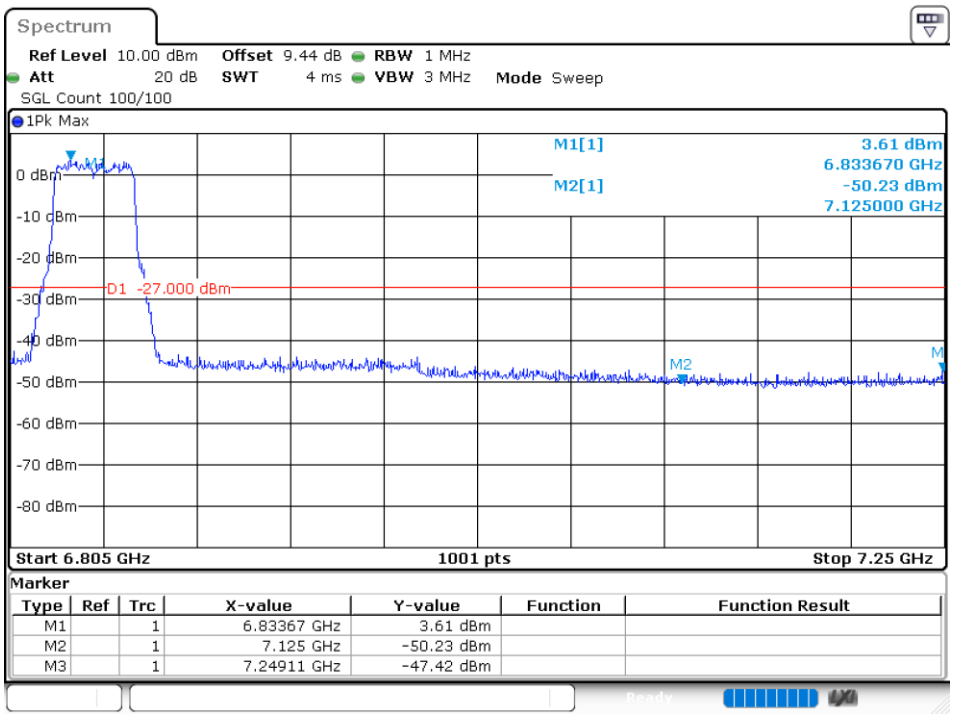
Band Edge NVNT ax40 6565MHz Low Ant1



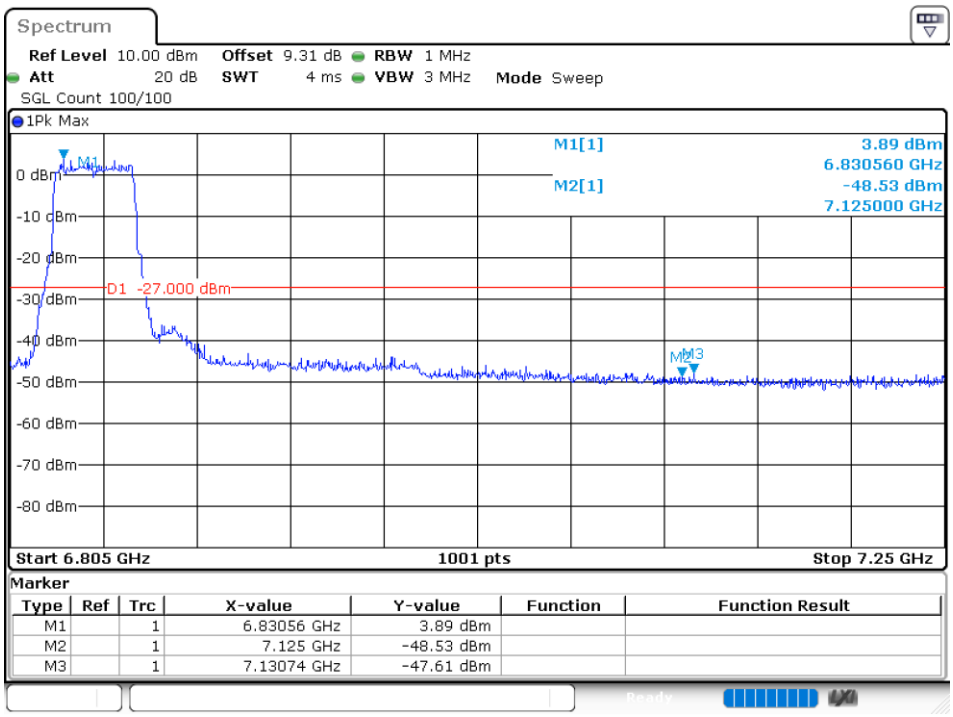
Band Edge NVNT ax40 6565MHz Low Ant2



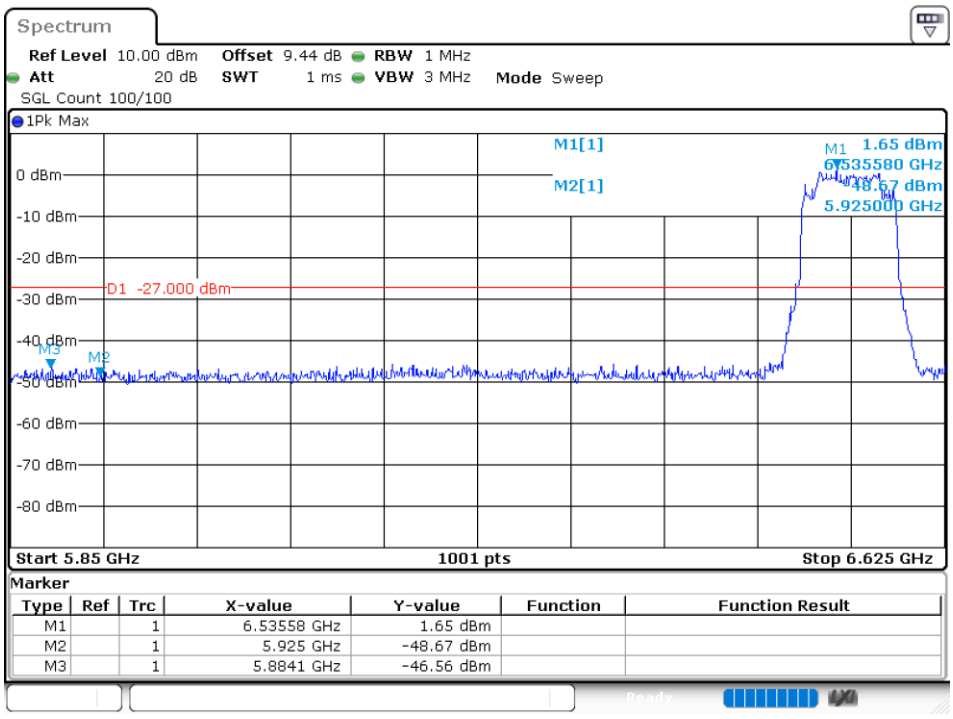
Band Edge NVNT ax40 6845MHz High Ant1



Band Edge NVNT ax40 6845MHz High Ant2



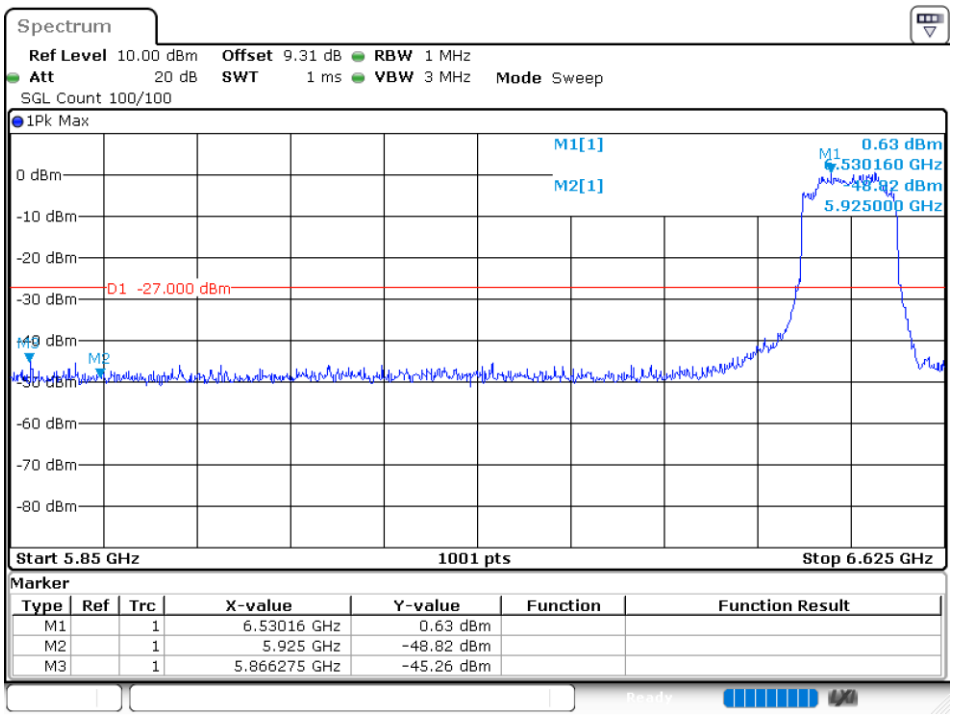
Band Edge NVNT ax80 6545MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.53558 GHz	1.65 dBm		
M2		1	5.925 GHz	-48.67 dBm		
M3		1	5.8841 GHz	-46.56 dBm		

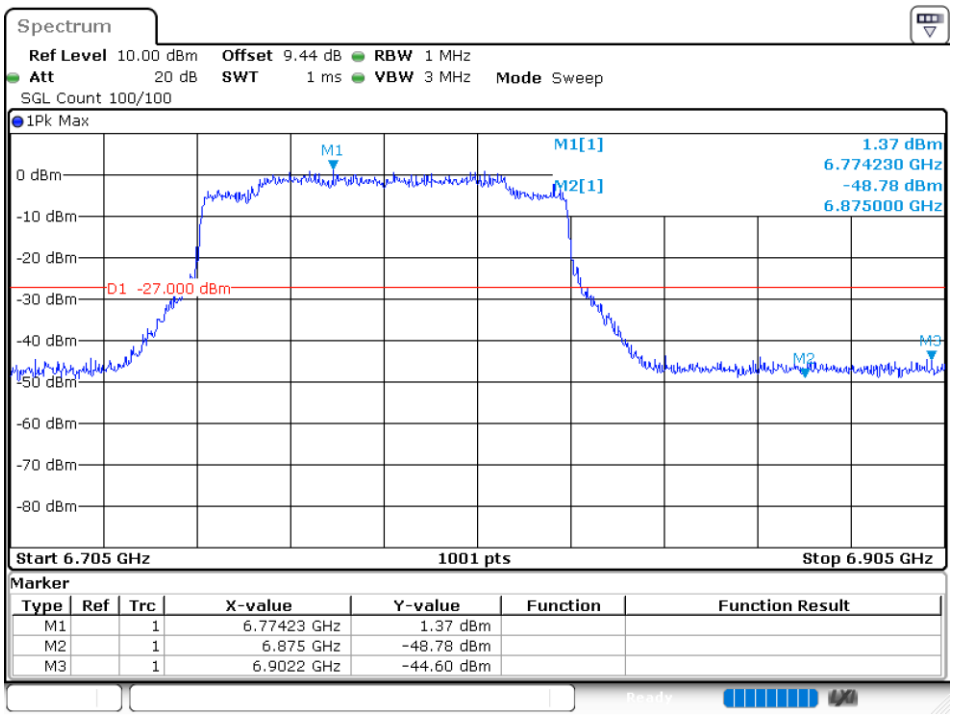
Band Edge NVNT ax80 6545MHz Low Ant2



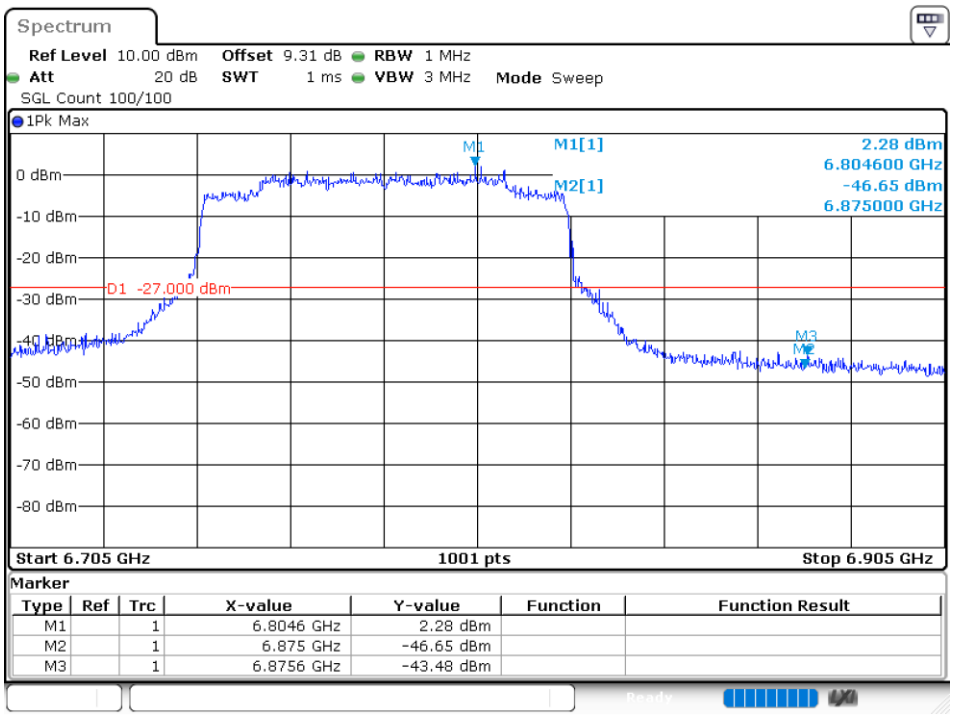
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	6.53016 GHz	0.63 dBm		
M2		1	5.925 GHz	-48.82 dBm		
M3		1	5.866275 GHz	-45.26 dBm		

Band Edge NVNT ax80 6785MHz High Ant1



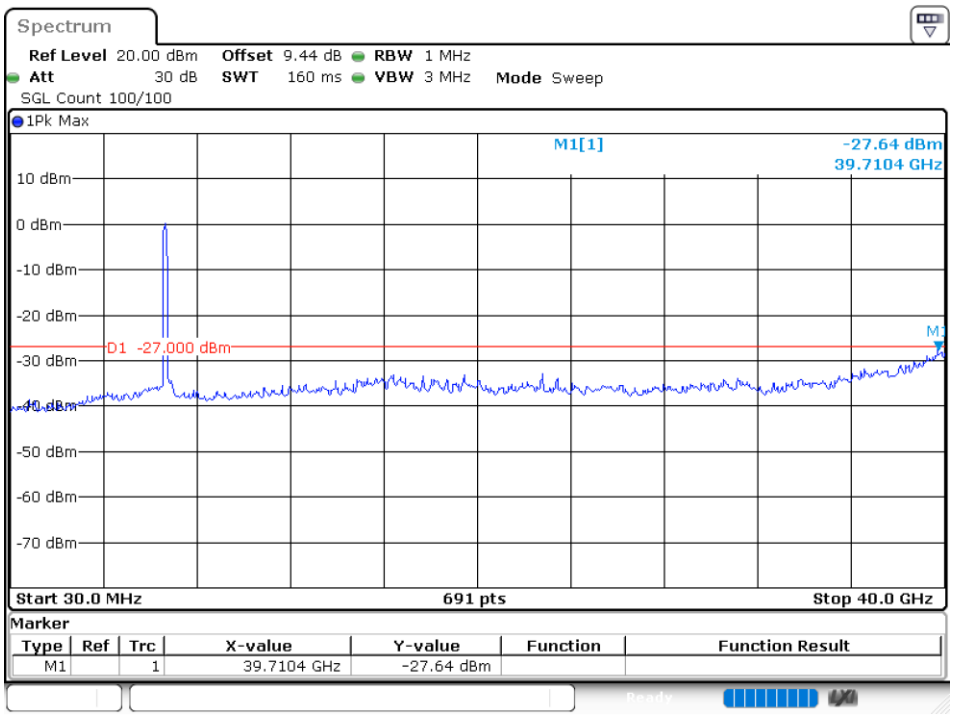
Band Edge NVNT ax80 6785MHz High Ant2



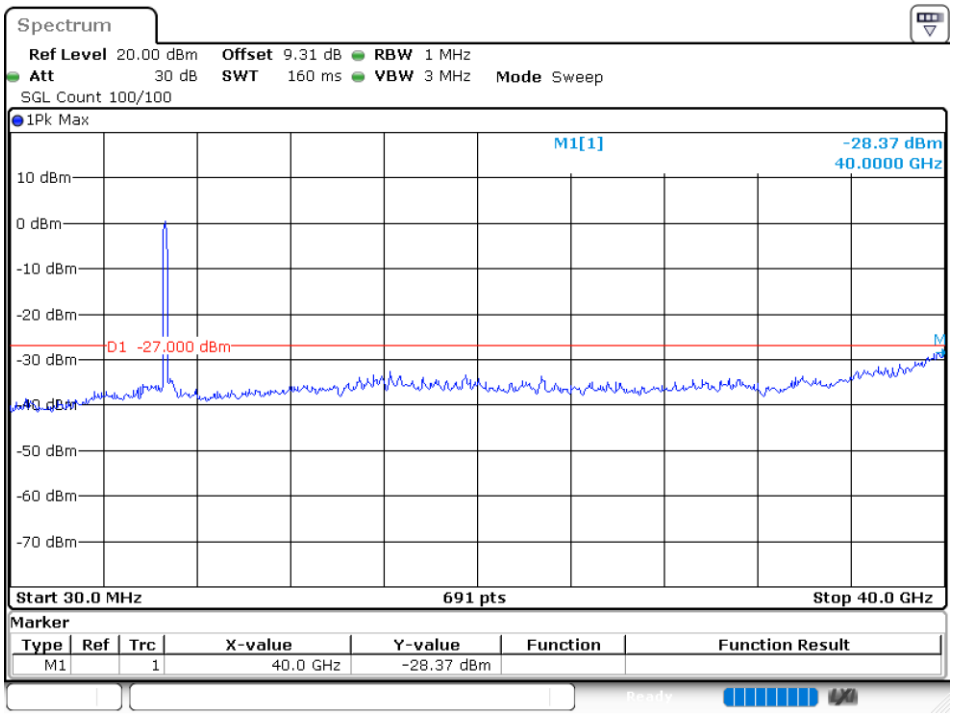
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6665	Ant1	-27.64	-27	Pass
NVNT	ax160	6665	Ant2	-28.36	-27	Pass
NVNT	ax160	6825	Ant1	-28.32	-27	Pass
NVNT	ax160	6825	Ant2	-27.71	-27	Pass
NVNT	ax20	6535	Ant1	-38.33	-27	Pass
NVNT	ax20	6535	Ant2	-38.18	-27	Pass
NVNT	ax20	6695	Ant1	-27.05	-27	Pass
NVNT	ax20	6695	Ant2	-27.69	-27	Pass
NVNT	ax20	6855	Ant1	-28.12	-27	Pass
NVNT	ax20	6855	Ant2	-28.02	-27	Pass
NVNT	ax40	6565	Ant1	-27.98	-27	Pass
NVNT	ax40	6565	Ant2	-27.8	-27	Pass
NVNT	ax40	6685	Ant1	-28.44	-27	Pass
NVNT	ax40	6685	Ant2	-27.92	-27	Pass
NVNT	ax40	6845	Ant1	-27.91	-27	Pass
NVNT	ax40	6845	Ant2	-28.03	-27	Pass
NVNT	ax80	6545	Ant1	-27.46	-27	Pass
NVNT	ax80	6545	Ant2	-27.68	-27	Pass
NVNT	ax80	6625	Ant1	-28	-27	Pass
NVNT	ax80	6625	Ant2	-27.63	-27	Pass
NVNT	ax80	6785	Ant1	-27.97	-27	Pass
NVNT	ax80	6785	Ant2	-27.67	-27	Pass

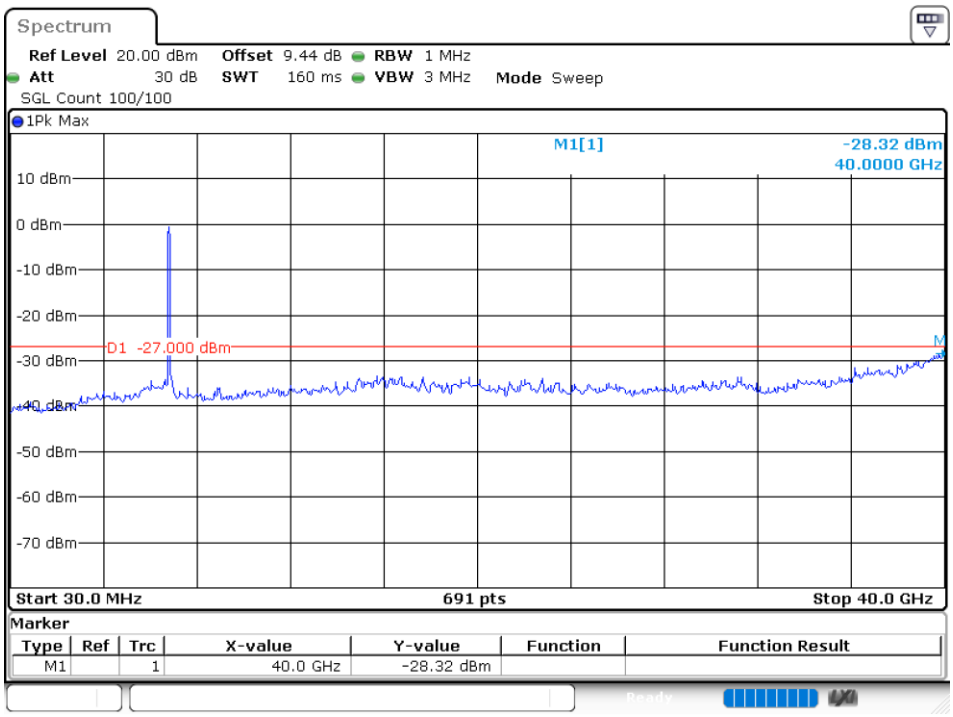
Test Graphs
Tx. Spurious NVNT ax160 6665MHz Ant1 Emission



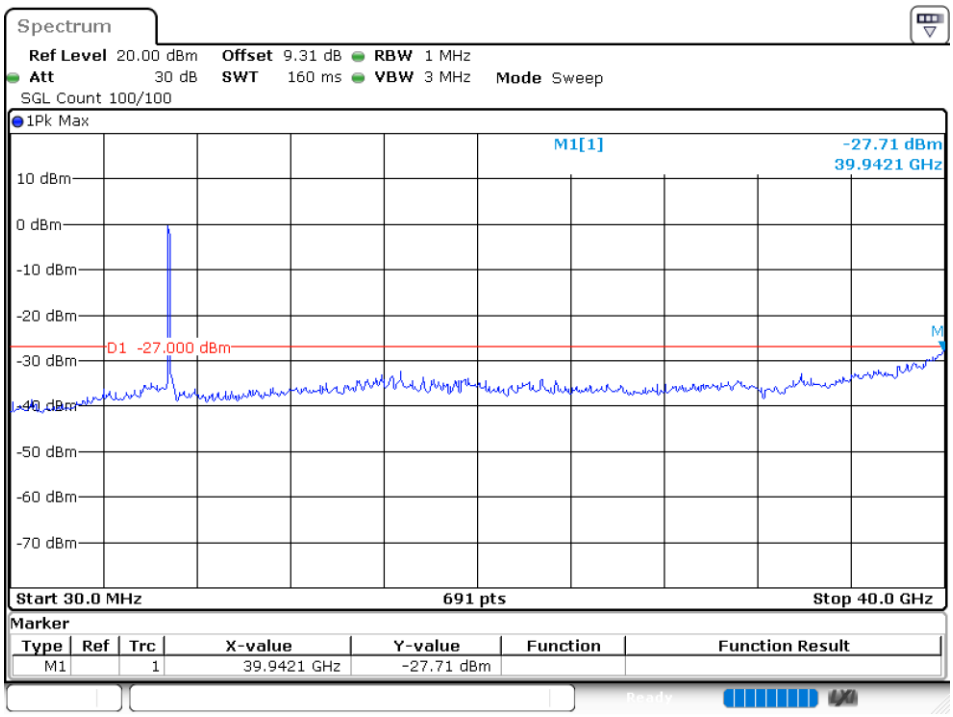
Tx. Spurious NVNT ax160 6665MHz Ant2 Emission



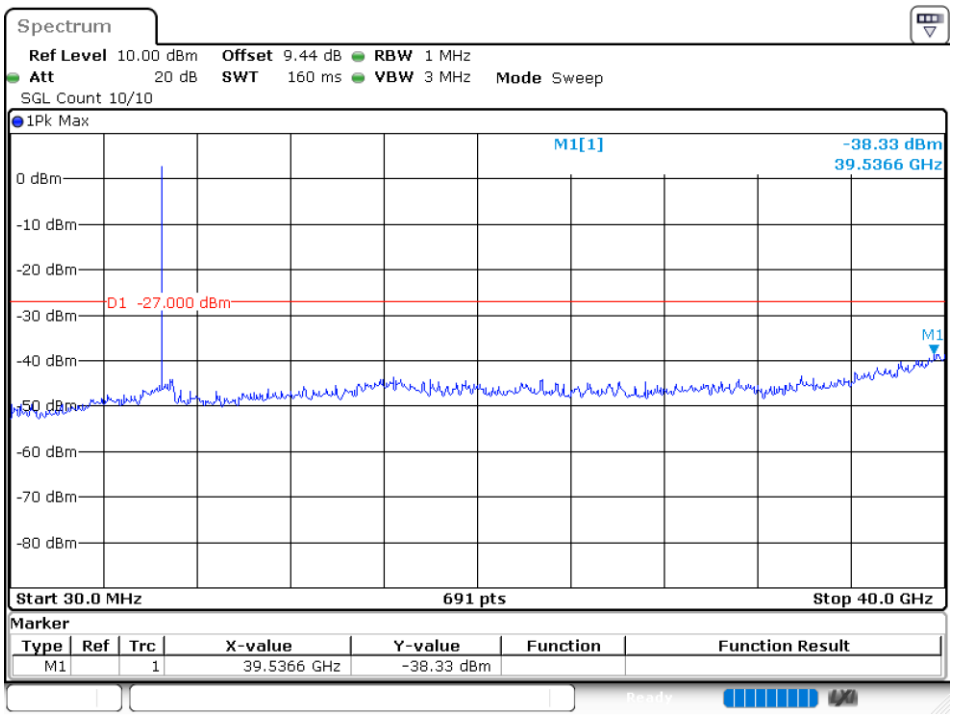
Tx. Spurious NVNT ax160 6825MHz Ant1 Emission



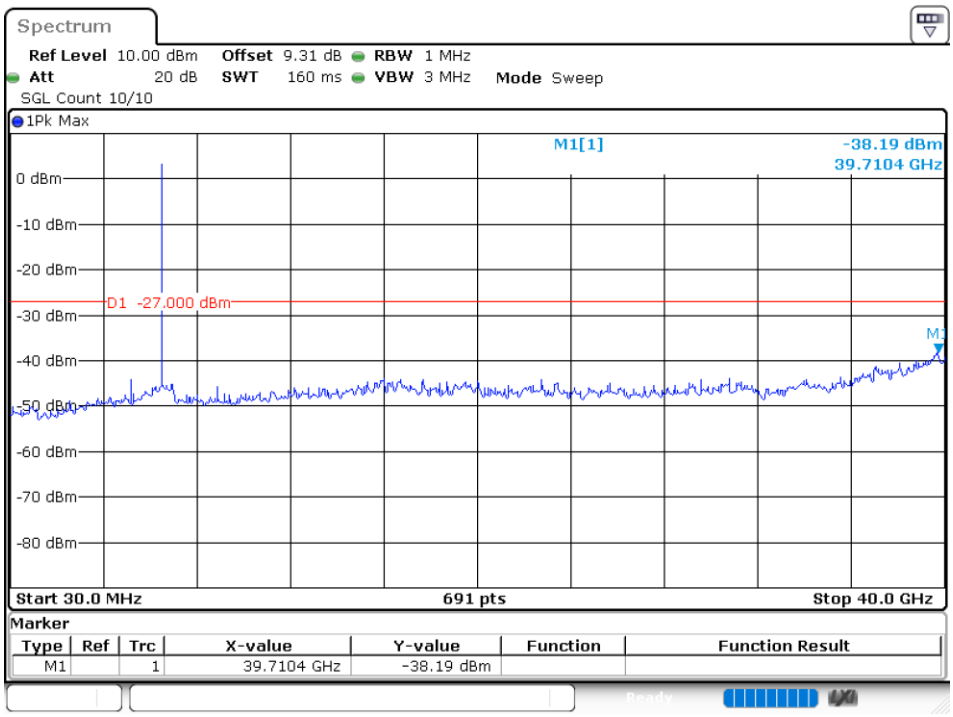
Tx. Spurious NVNT ax160 6825MHz Ant2 Emission



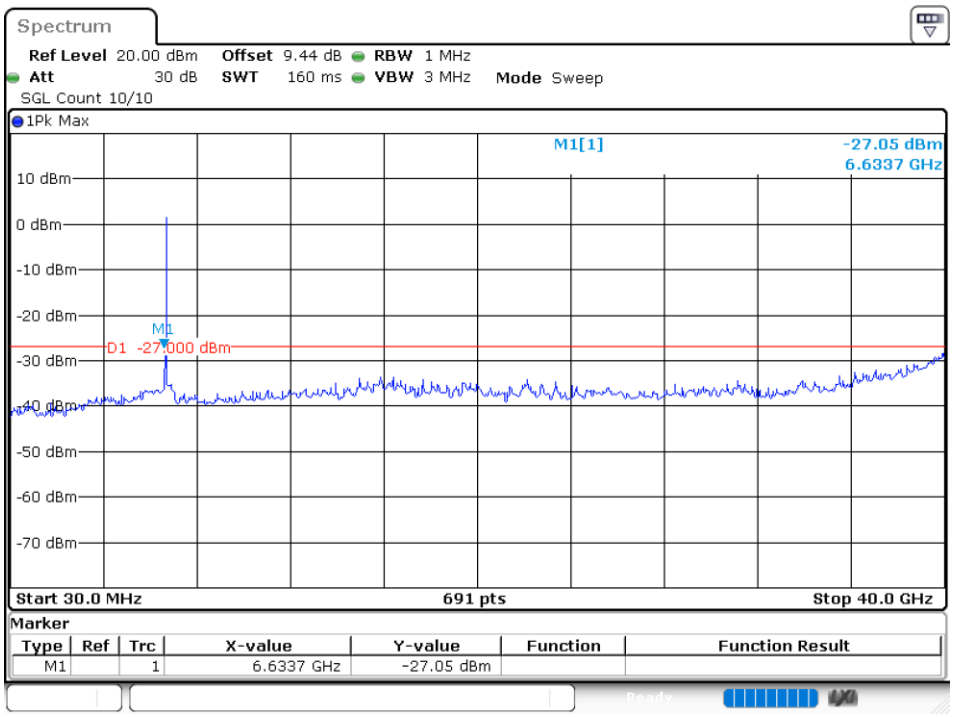
Tx. Spurious NVNT ax20 6535MHz Ant1 Emission



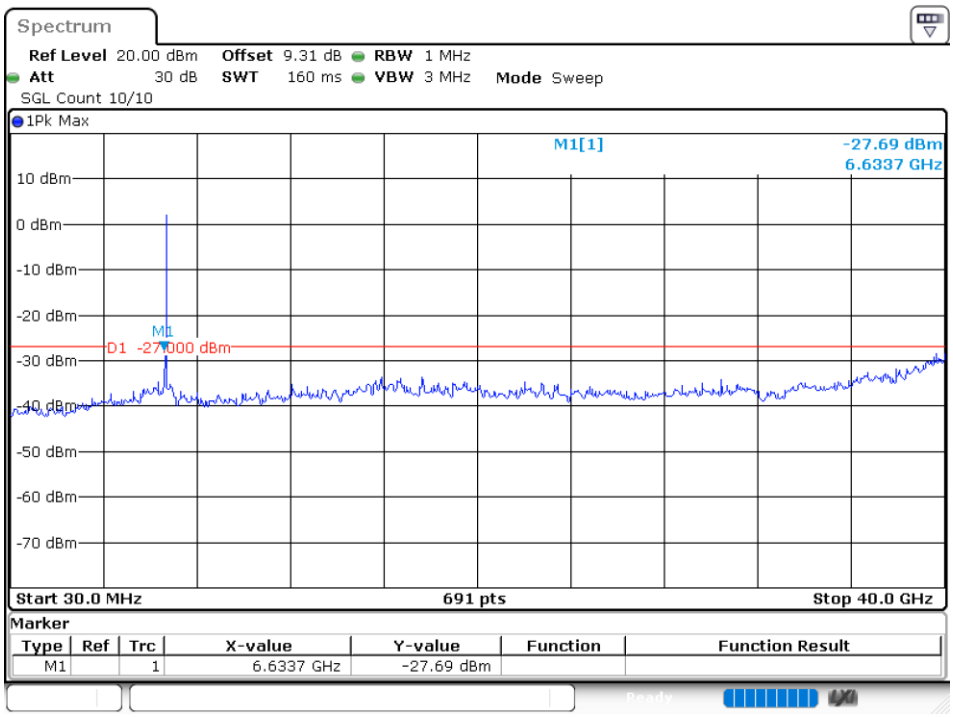
Tx. Spurious NVNT ax20 6535MHz Ant2 Emission



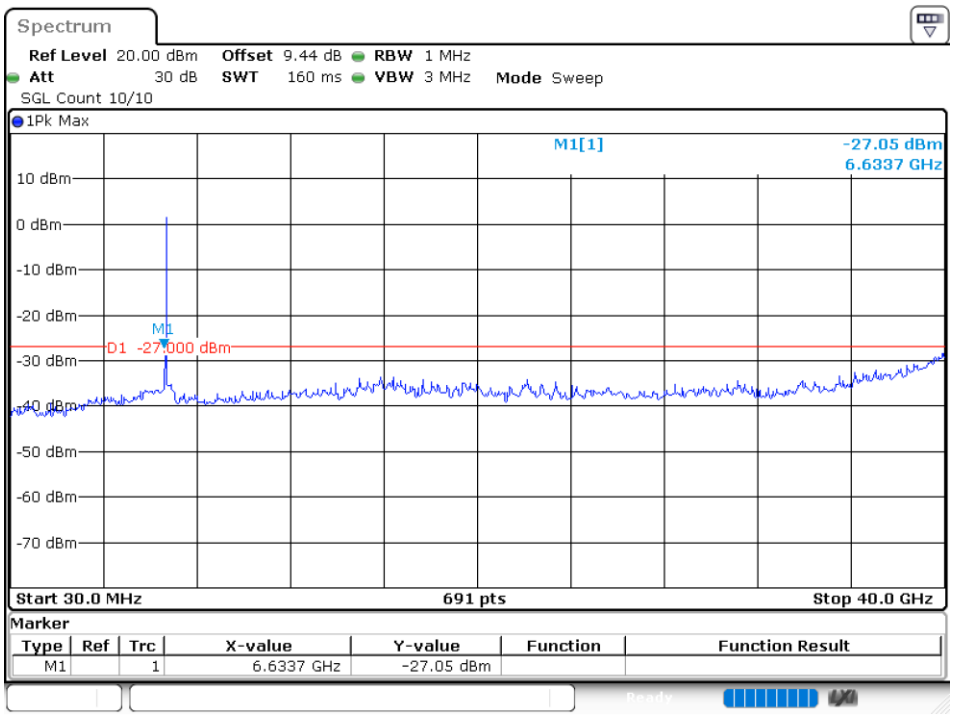
Tx. Spurious NVNT ax20 6695MHz Ant1 Emission



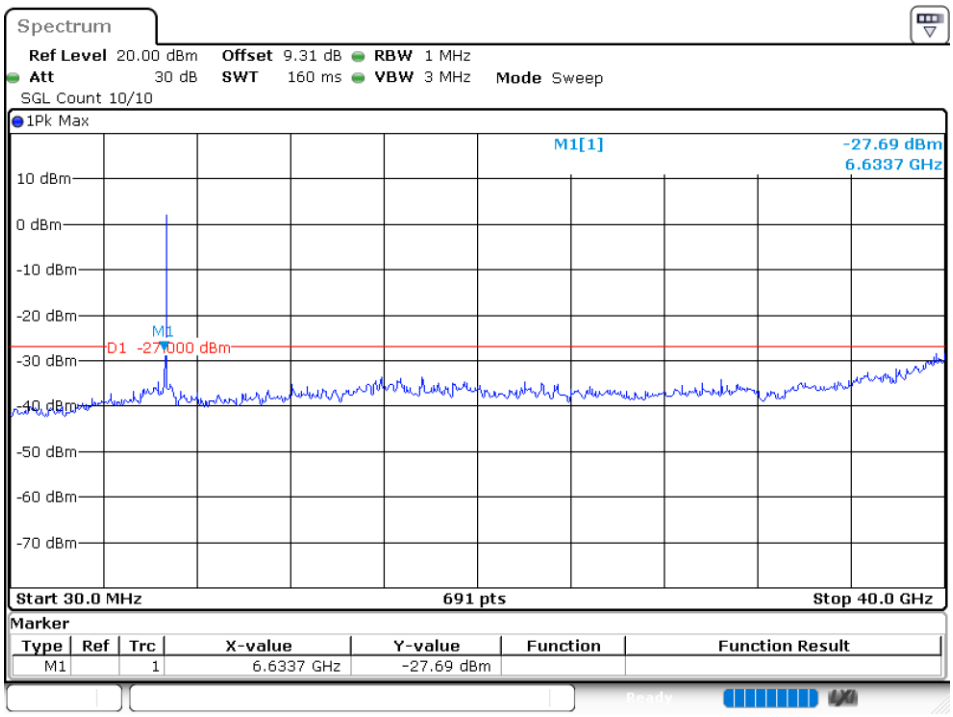
Tx. Spurious NVNT ax20 6695MHz Ant2 Emission



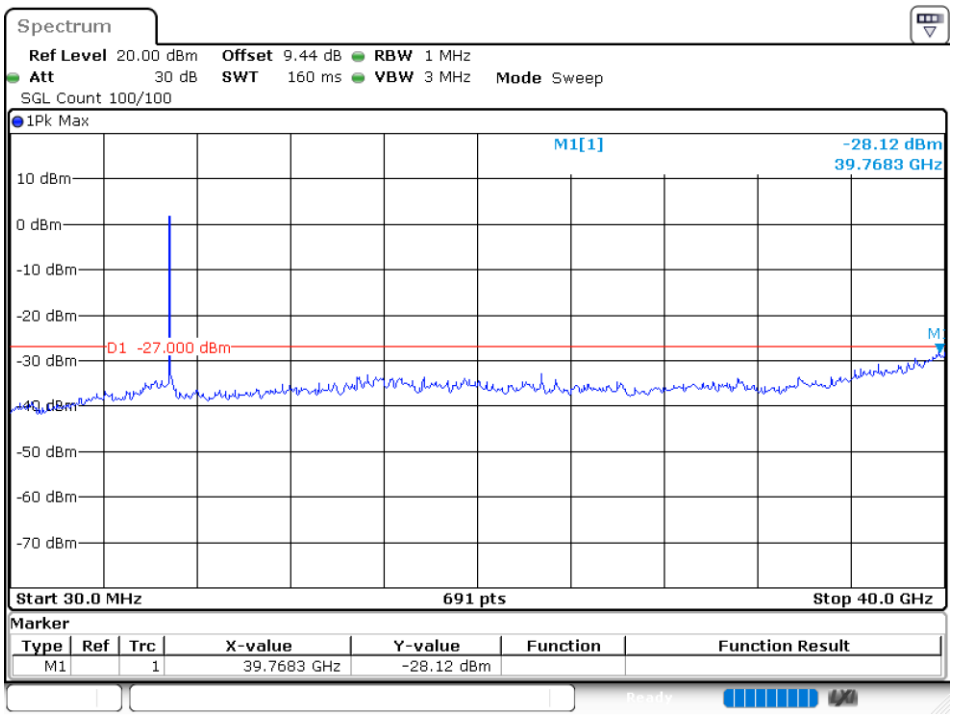
Tx. Spurious NVNT ax20 6695MHz Ant1 Emission



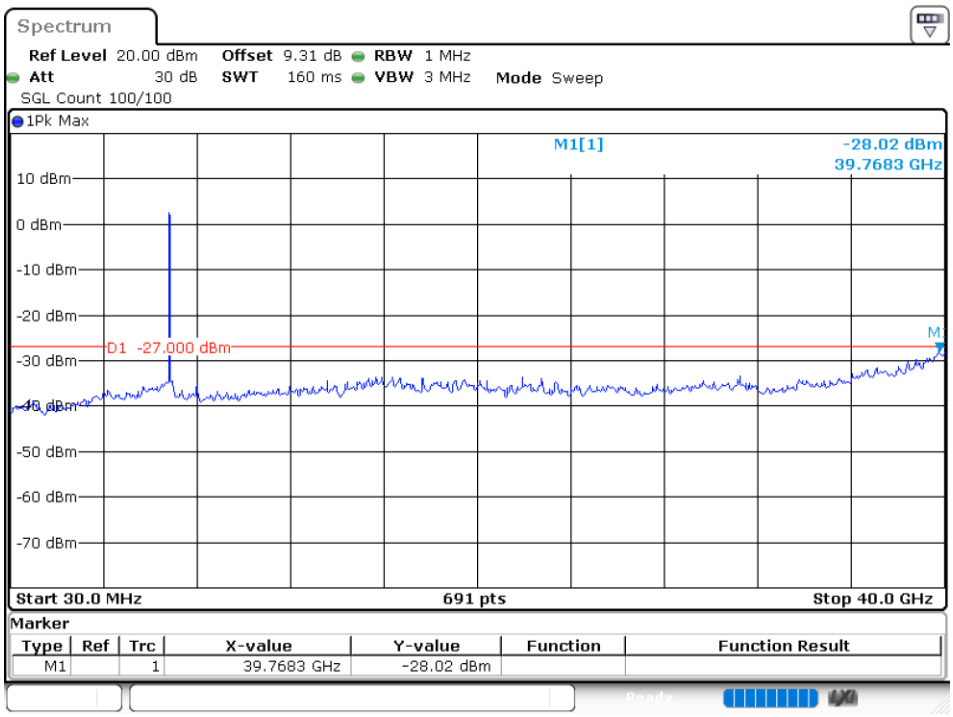
Tx. Spurious NVNT ax20 6695MHz Ant2 Emission



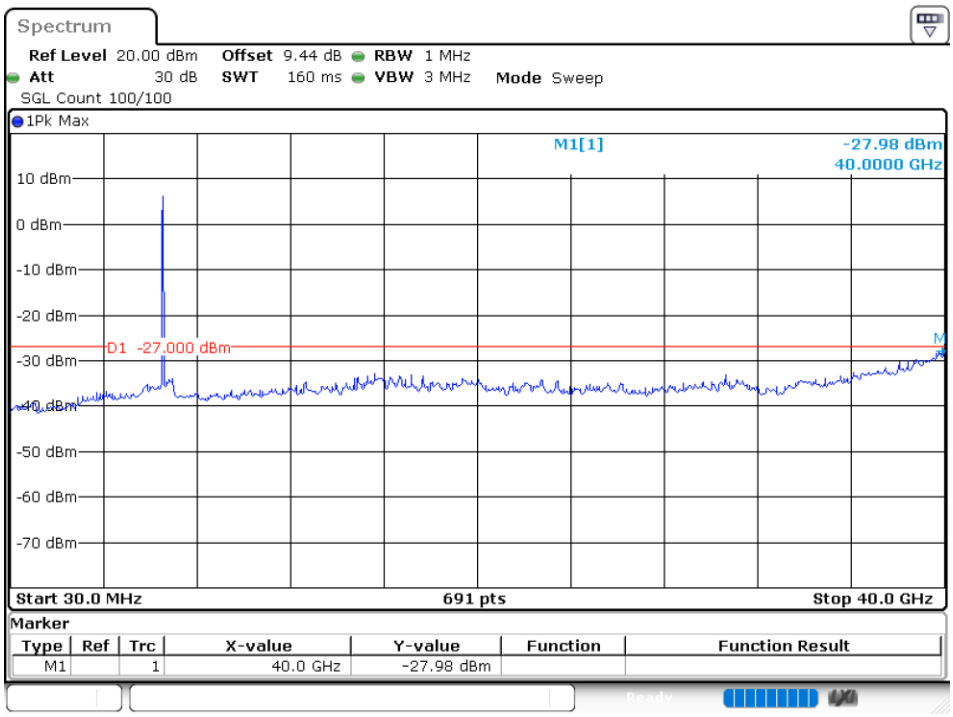
Tx. Spurious NVNT ax20 6855MHz Ant1 Emission



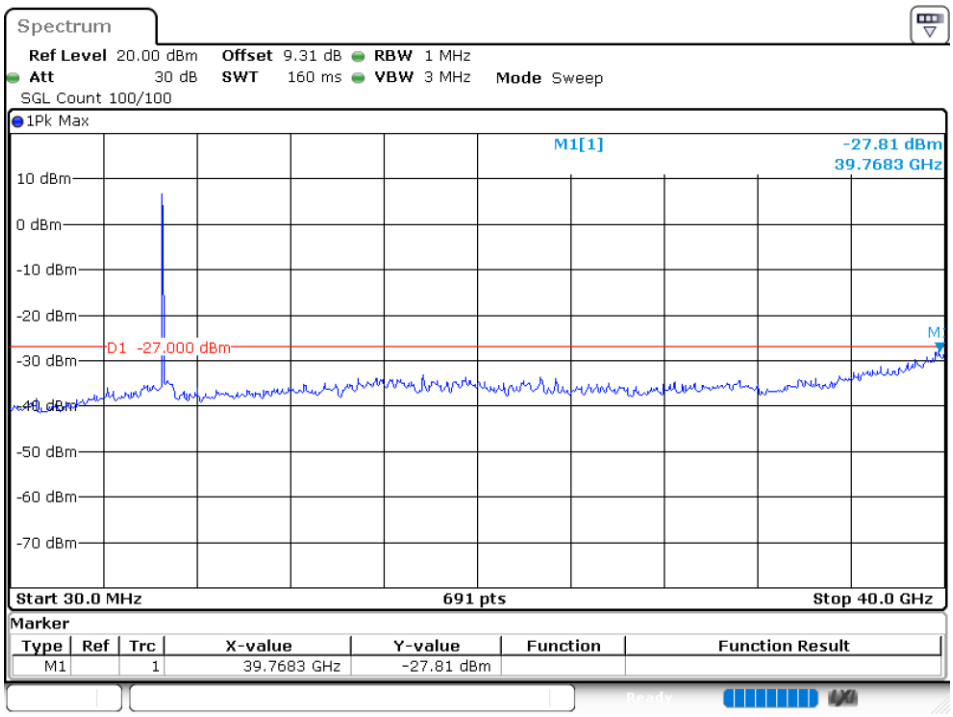
Tx. Spurious NVNT ax20 6855MHz Ant2 Emission



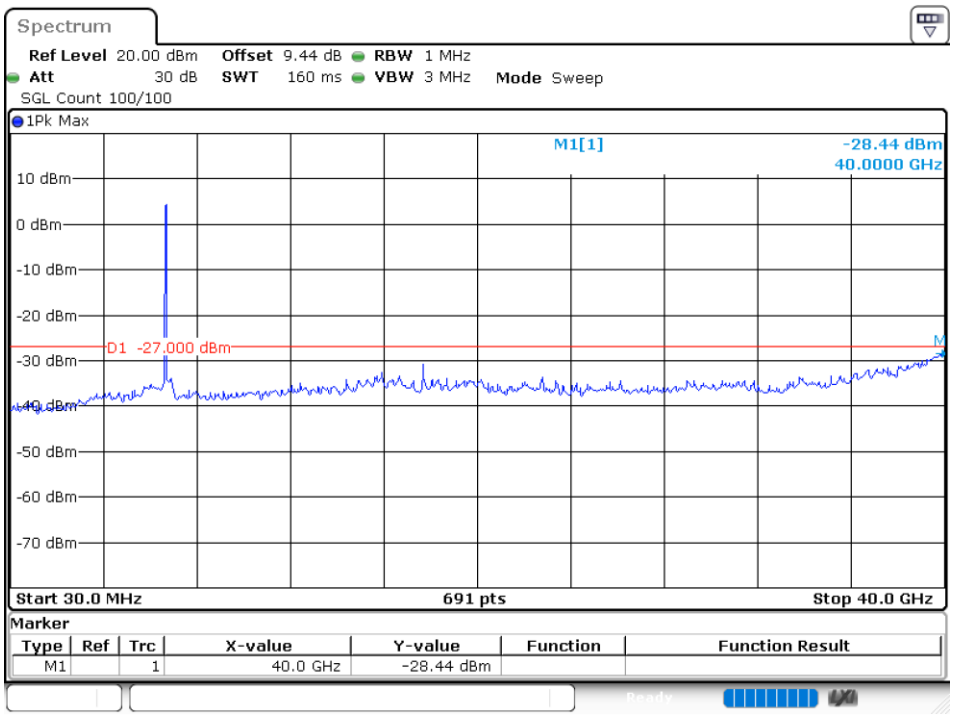
Tx. Spurious NVNT ax40 6565MHz Ant1 Emission



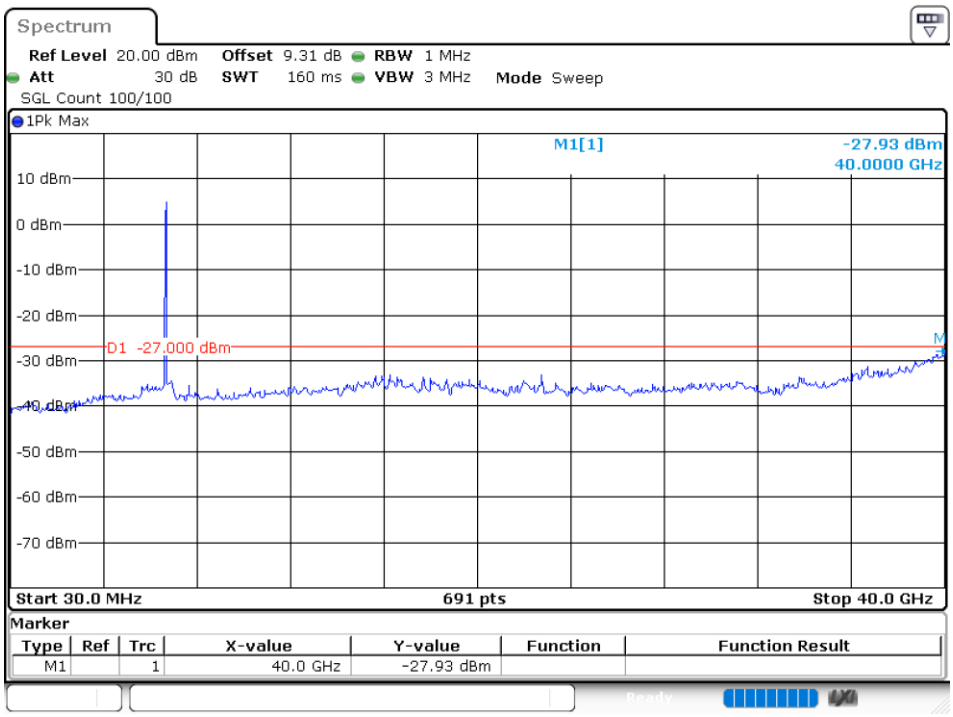
Tx. Spurious NVNT ax40 6565MHz Ant2 Emission



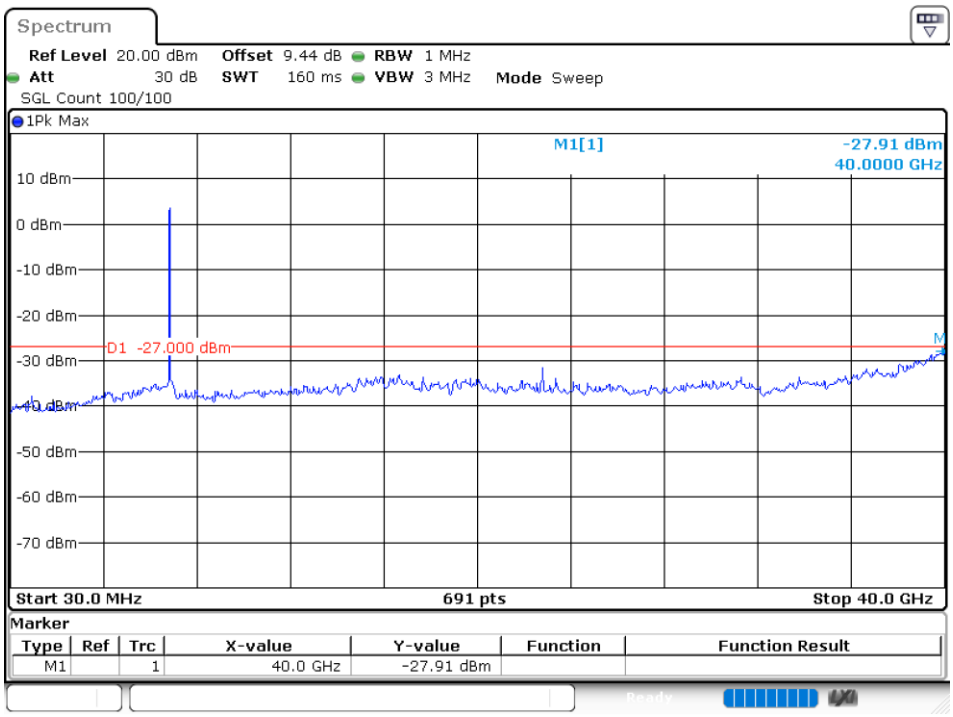
Tx. Spurious NVNT ax40 6685MHz Ant1 Emission



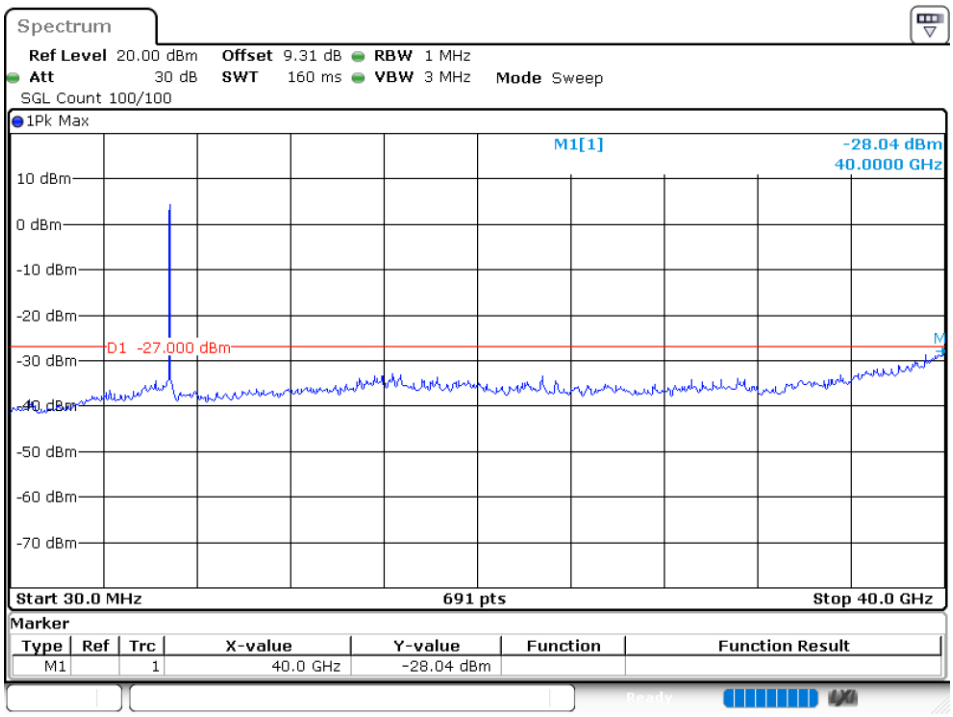
Tx. Spurious NVNT ax40 6685MHz Ant2 Emission



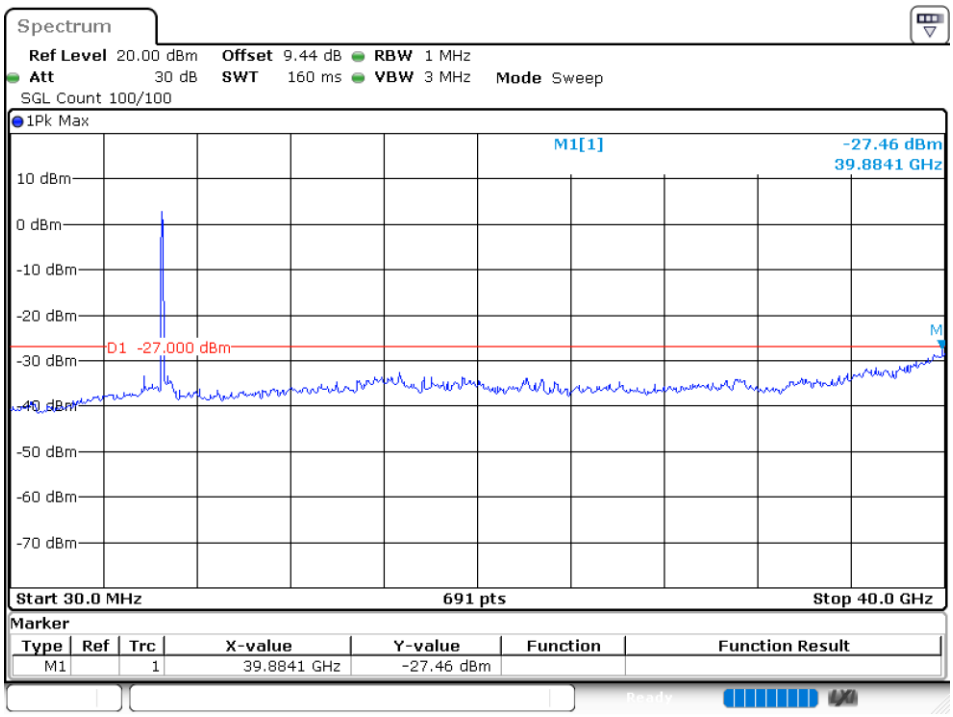
Tx. Spurious NVNT ax40 6845MHz Ant1 Emission



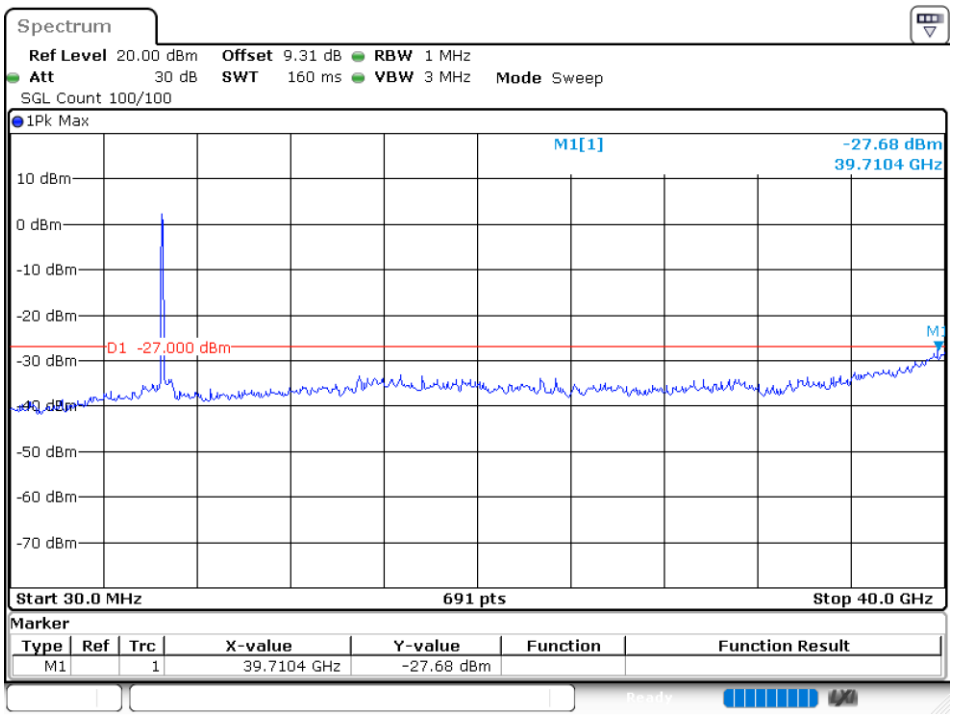
Tx. Spurious NVNT ax40 6845MHz Ant2 Emission



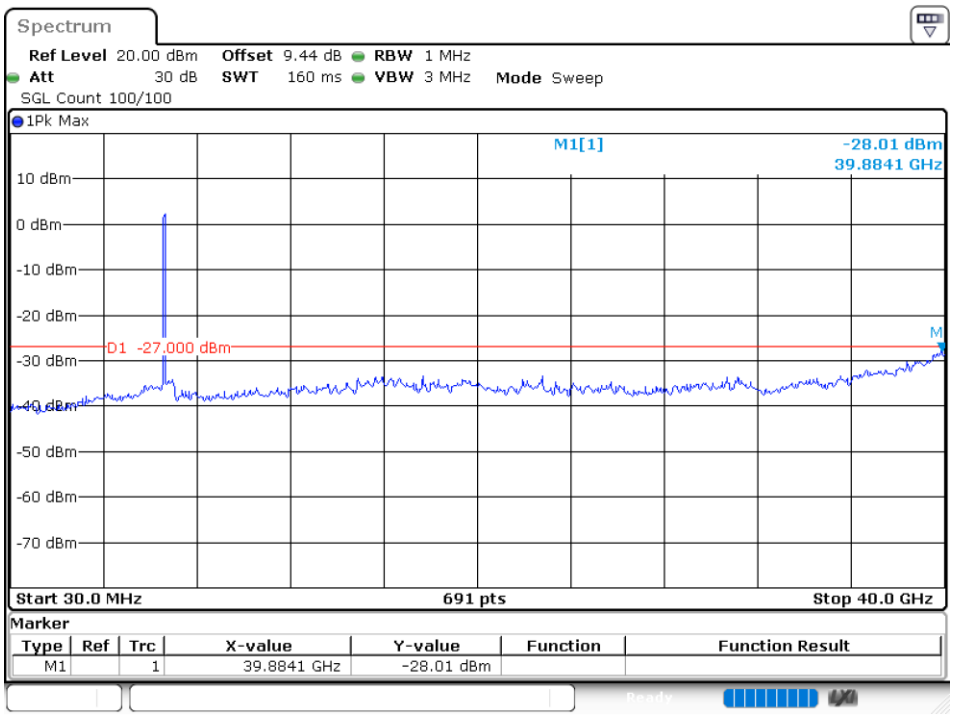
Tx. Spurious NVNT ax80 6545MHz Ant1 Emission



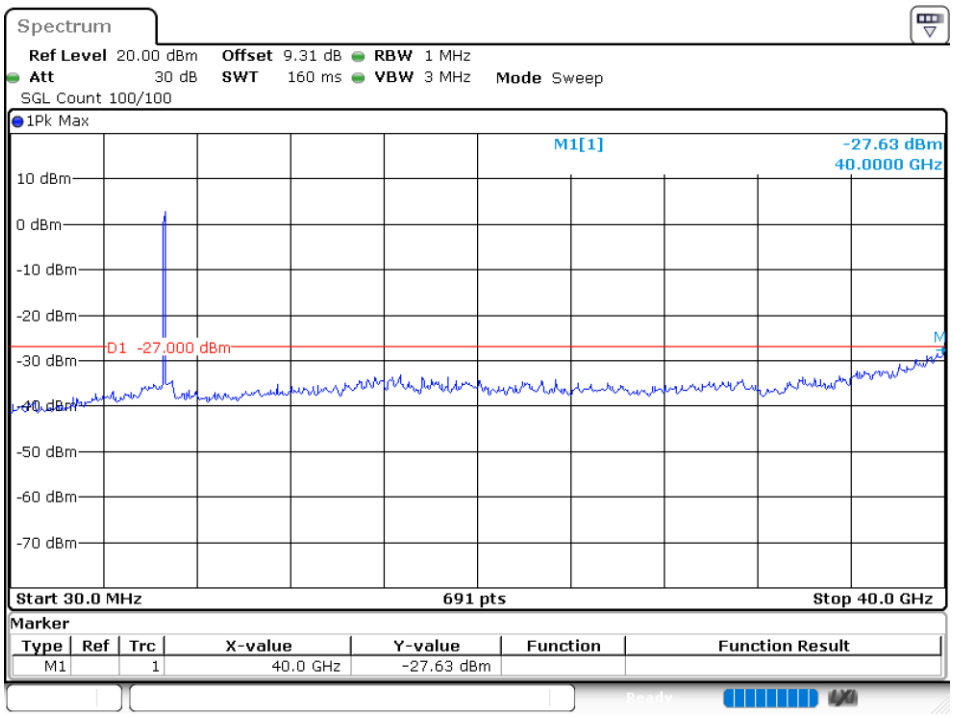
Tx. Spurious NVNT ax80 6545MHz Ant2 Emission



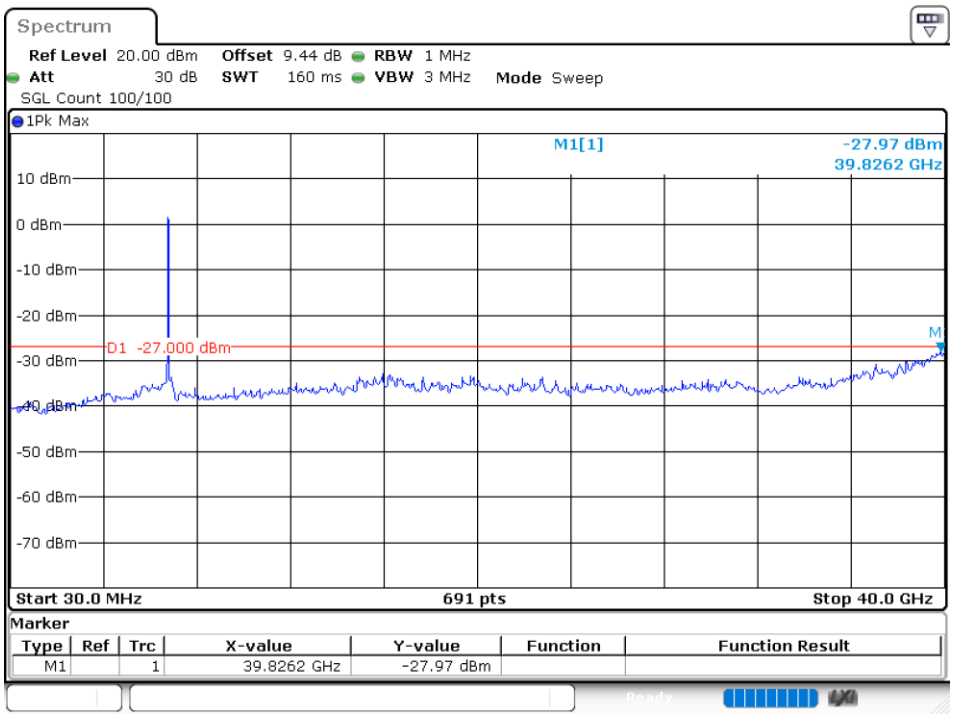
Tx. Spurious NVNT ax80 6625MHz Ant1 Emission



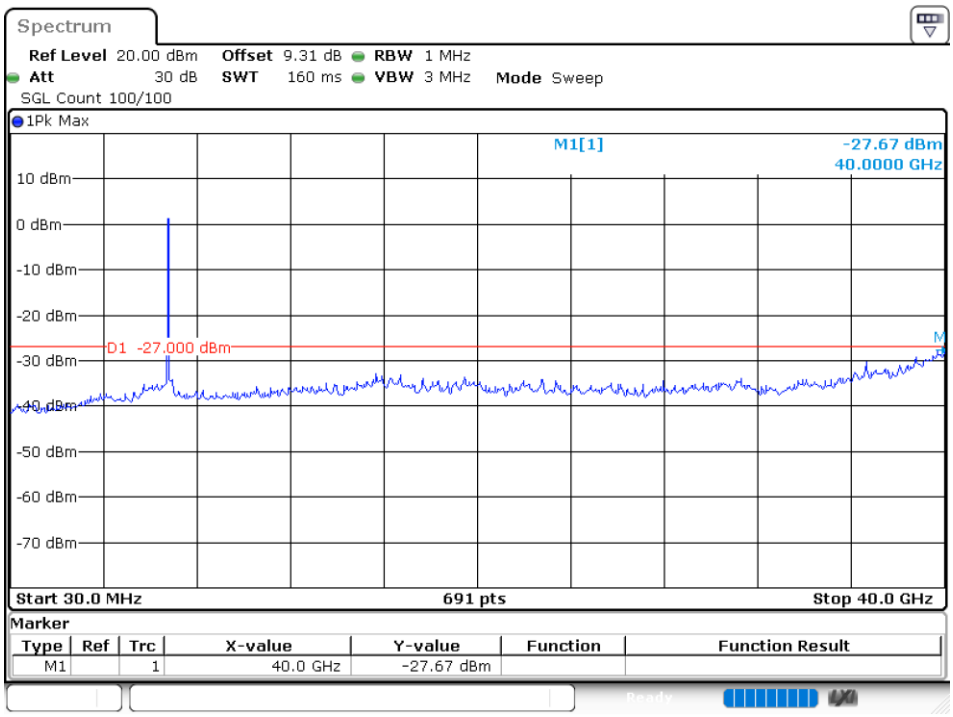
Tx. Spurious NVNT ax80 6625MHz Ant2 Emission



Tx. Spurious NVNT ax80 6785MHz Ant1 Emission



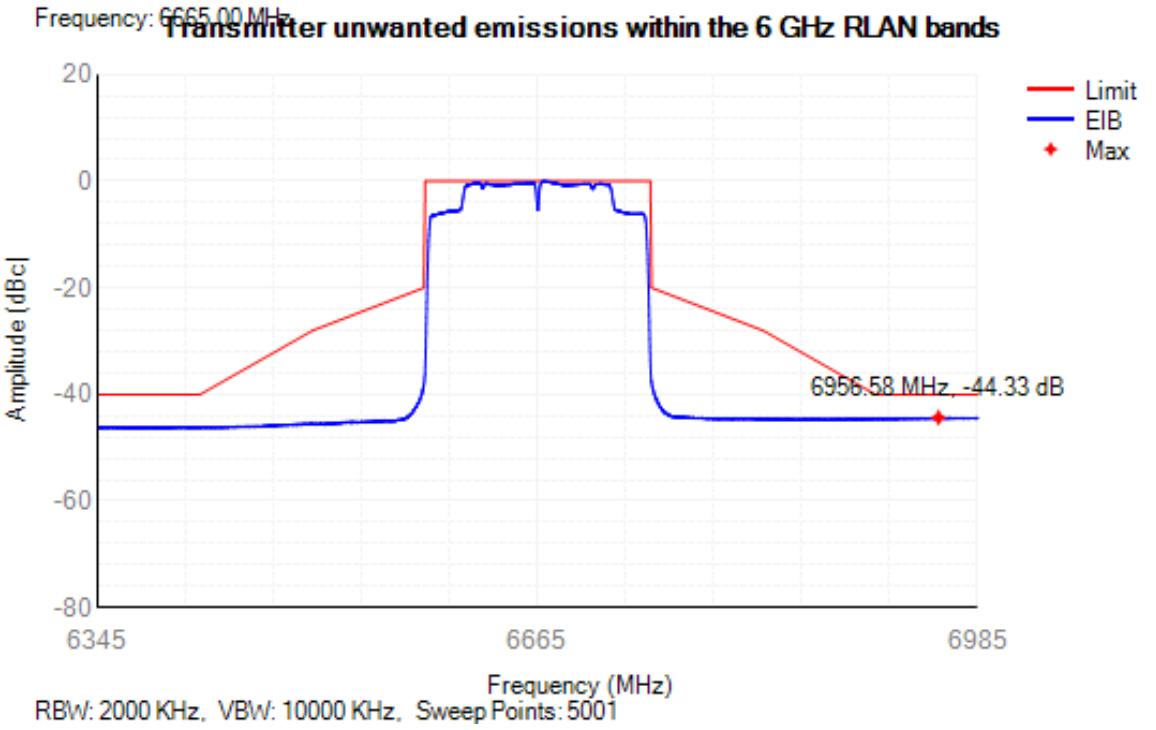
Tx. Spurious NVNT ax80 6785MHz Ant2 Emission



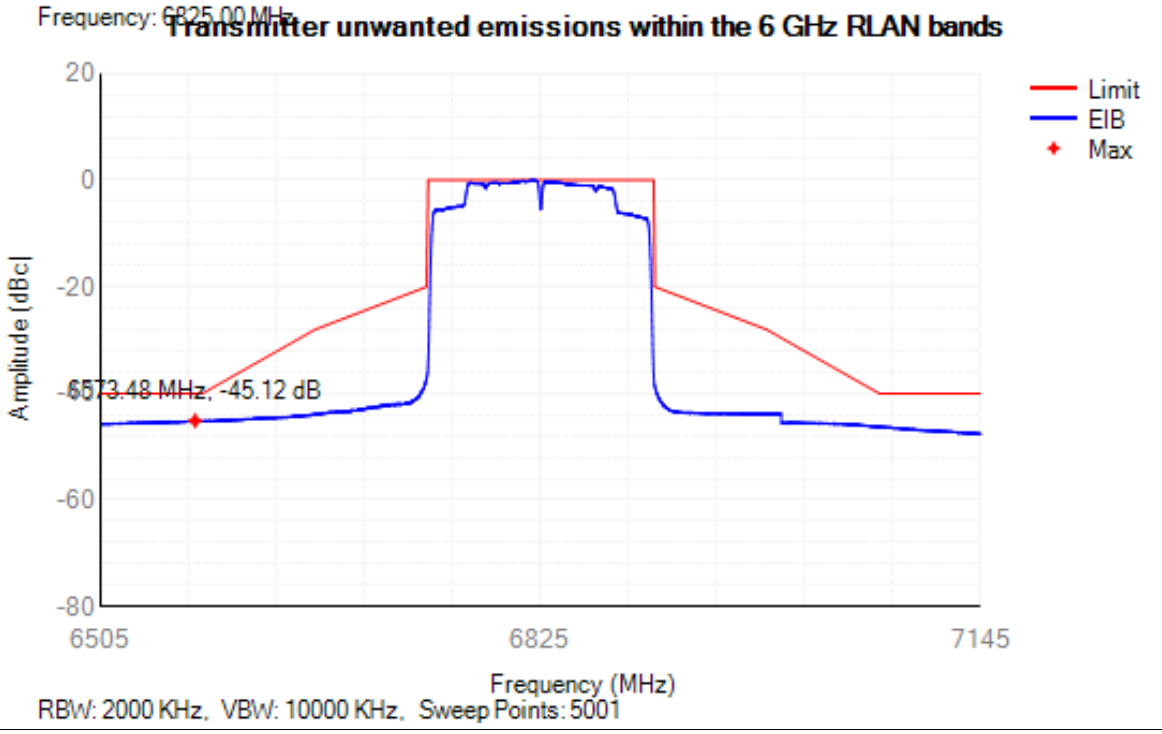
Power spectral mask

Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6665	Sum	Band1	6956.58	-44.33	-40	Pass
NVNT	ax160	6825	Sum	Band1	6573.48	-45.12	-40	Pass
NVNT	ax20	6535	Sum	Band1	6574.74	-49.91	-40	Pass
NVNT	ax20	6695	Sum	Band1	6734.55	-48.78	-40	Pass
NVNT	ax20	6855	Sum	Band1	6894.04	-48	-40	Pass
NVNT	ax40	6565	Sum	Band1	6588.01	-26.44	-19.93	Pass
NVNT	ax40	6685	Sum	Band1	6709.03	-29.02	-20	Pass
NVNT	ax40	6845	Sum	Band1	6821.54	-27.97	-19.96	Pass
NVNT	ax80	6545	Sum	Band1	6675.75	-47.09	-40	Pass
NVNT	ax80	6625	Sum	Band1	6770.34	-47.09	-40	Pass
NVNT	ax80	6785	Sum	Band1	6940.65	-45.98	-40	Pass

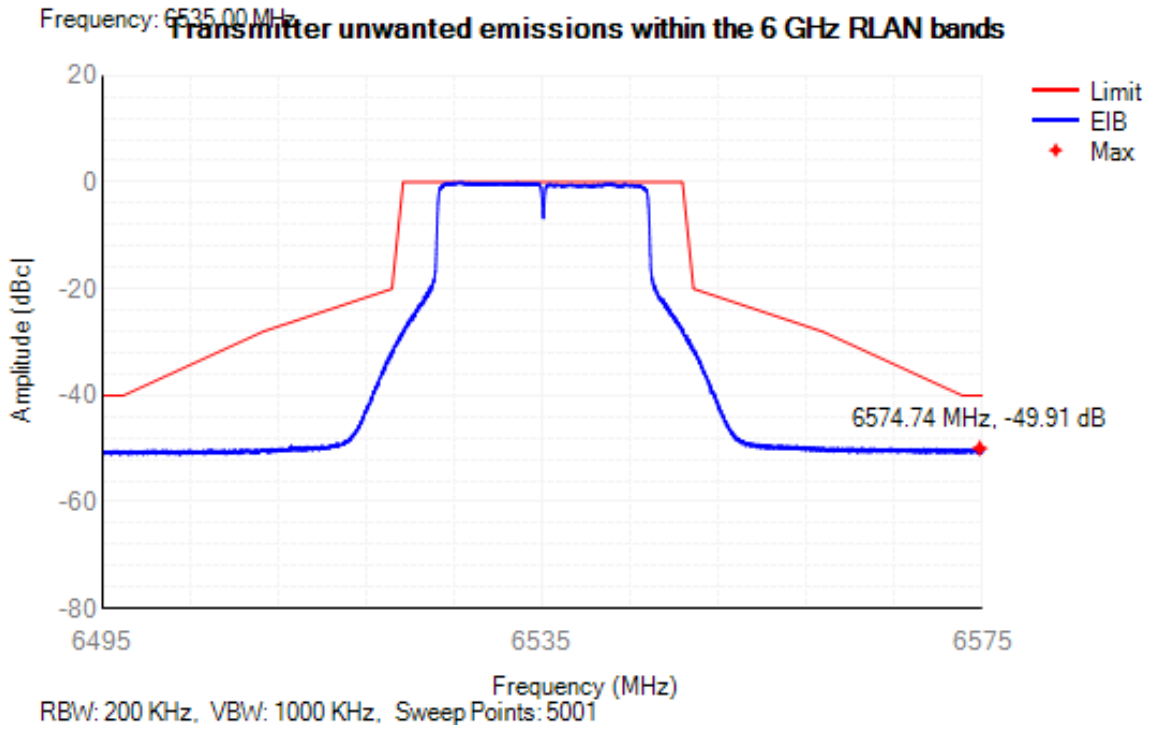
Test Graphs
Power spectral mask NVNT ax160 6665MHz



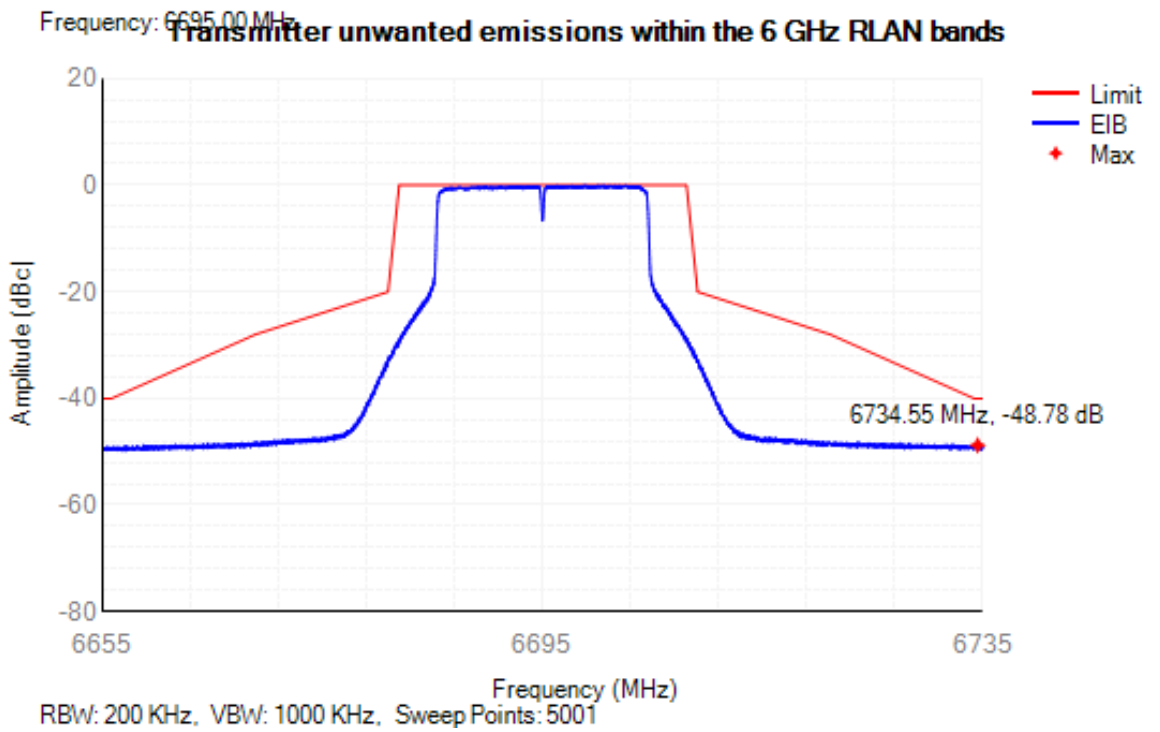
Power spectral mask NVNT ax160 6825MHz



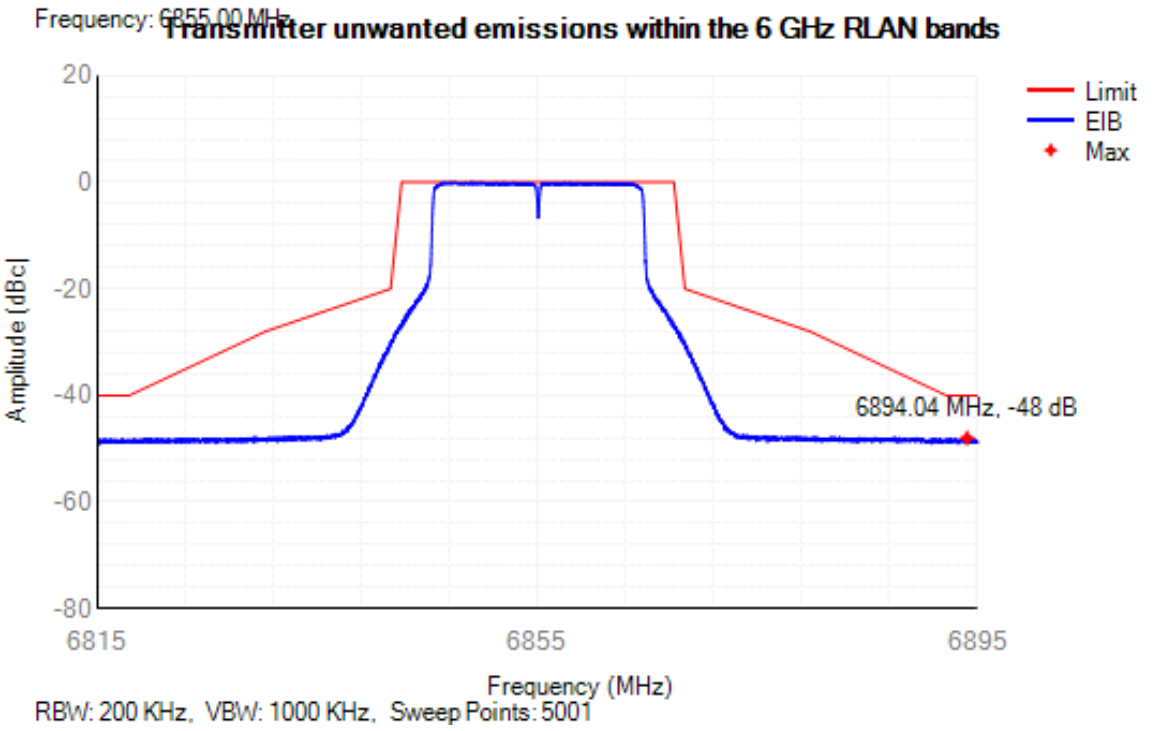
Power spectral mask NVNT ax20 6535MHz



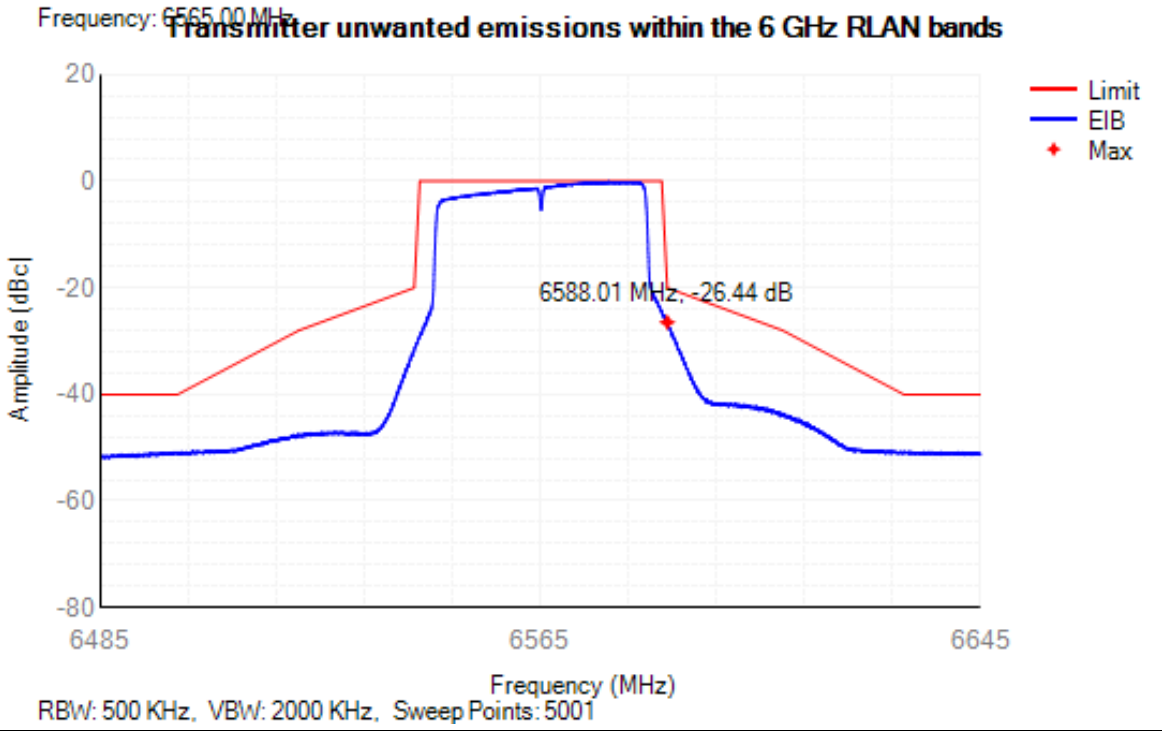
Power spectral mask NVNT ax20 6695MHz



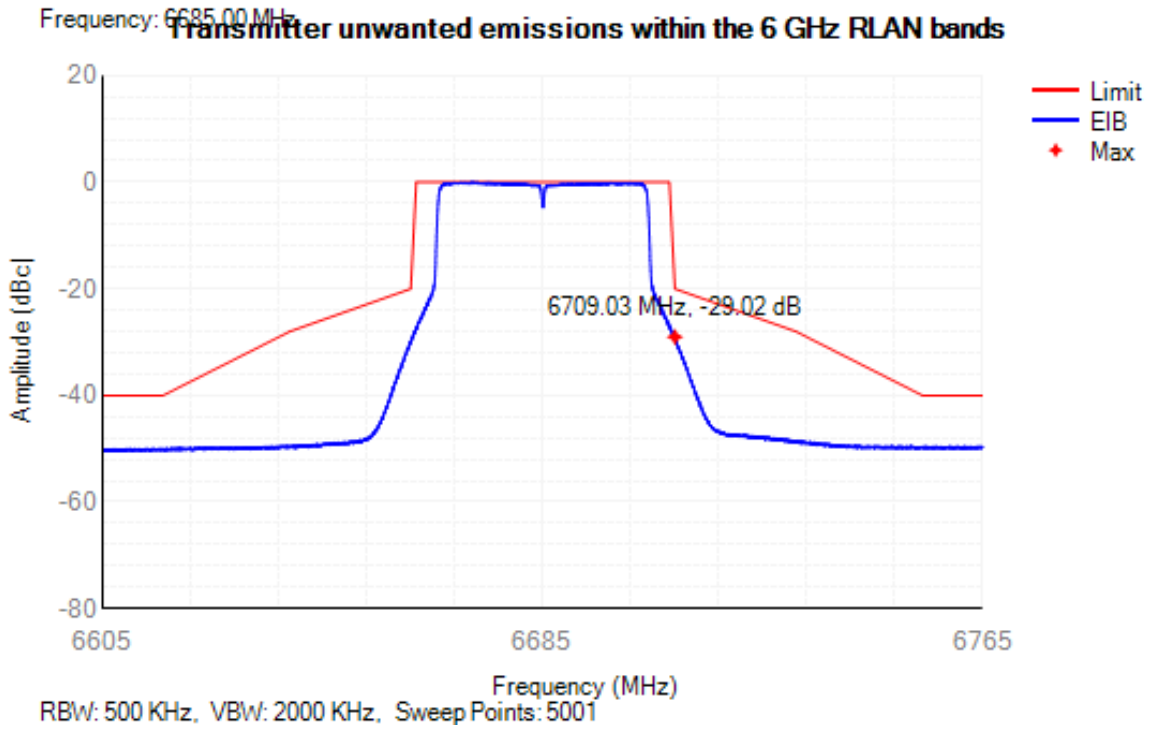
Power spectral mask NVNT ax20 6855MHz



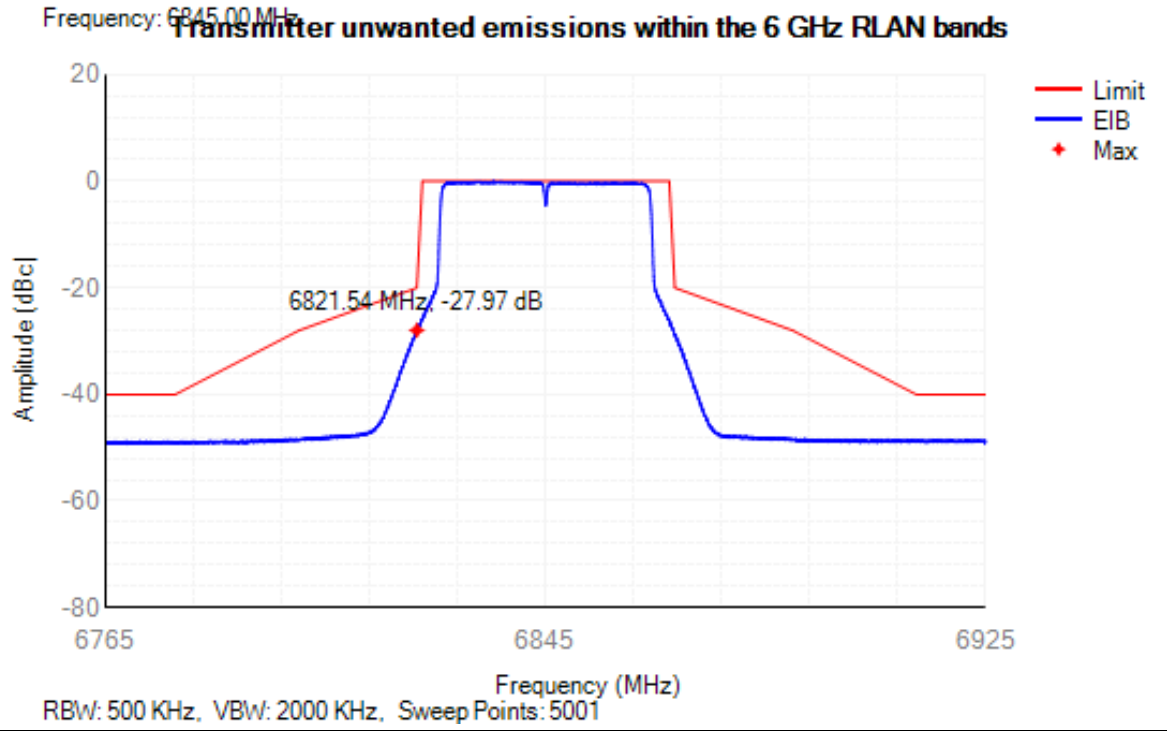
Power spectral mask NVNT ax40 6565MHz



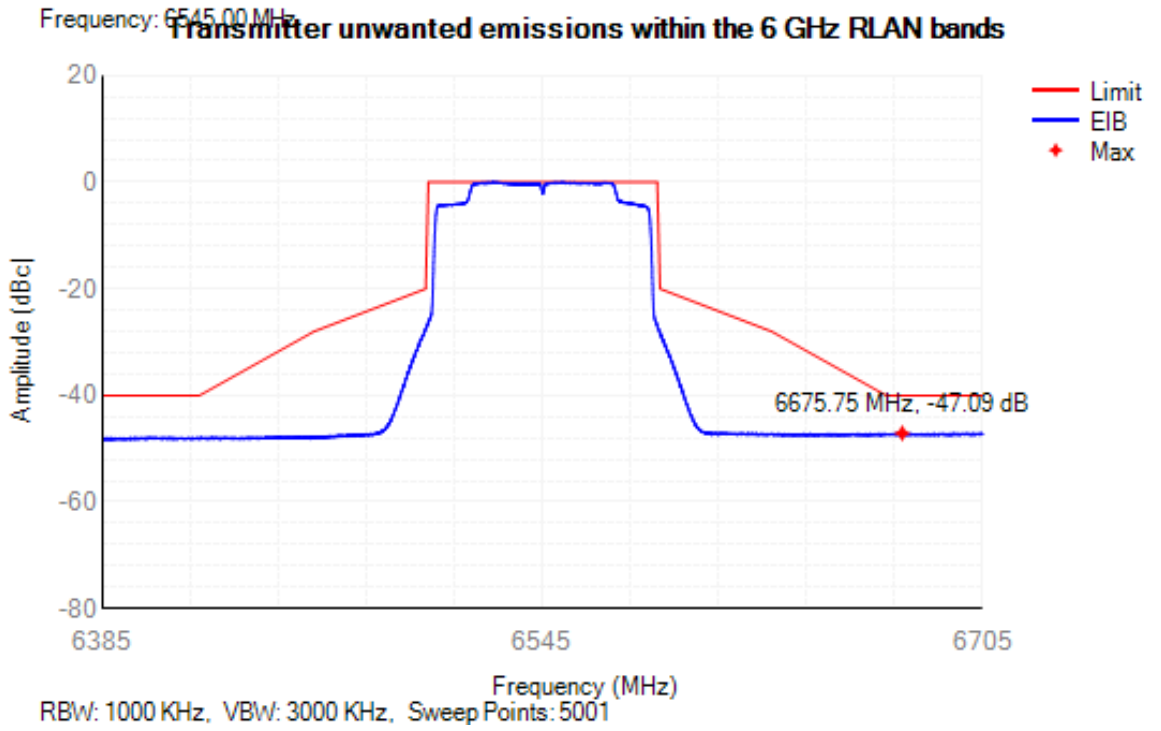
Power spectral mask NVNT ax40 6685MHz



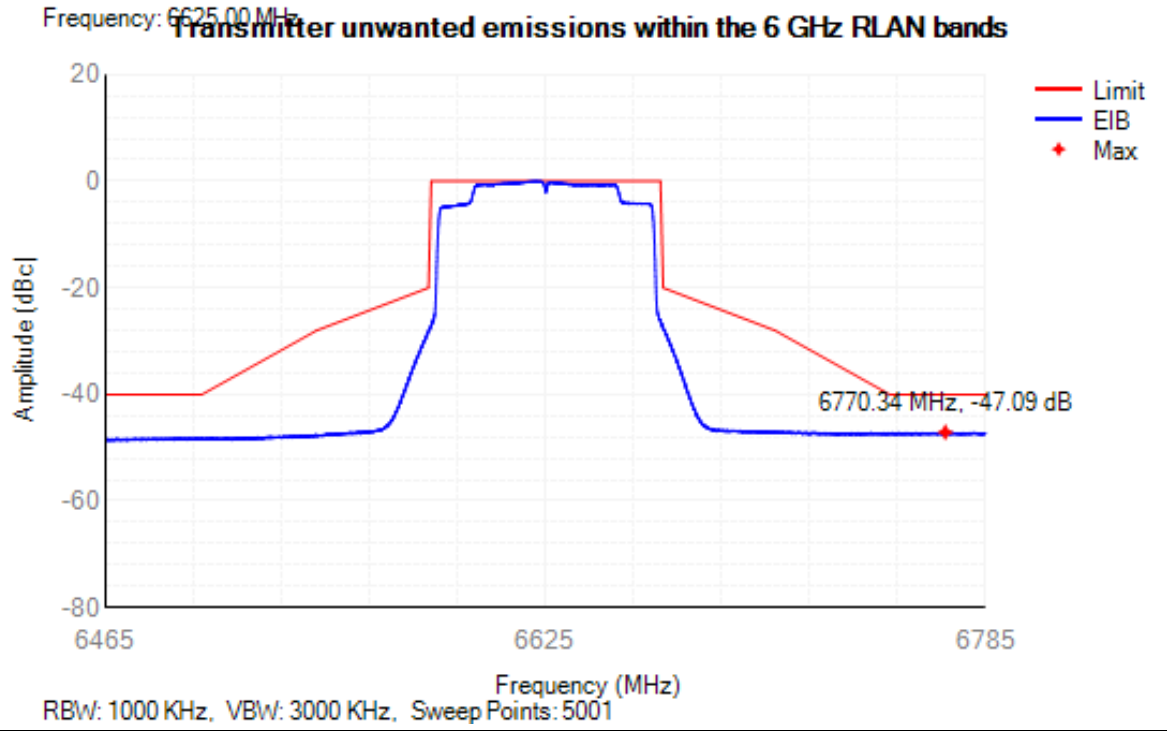
Power spectral mask NVNT ax40 6845MHz

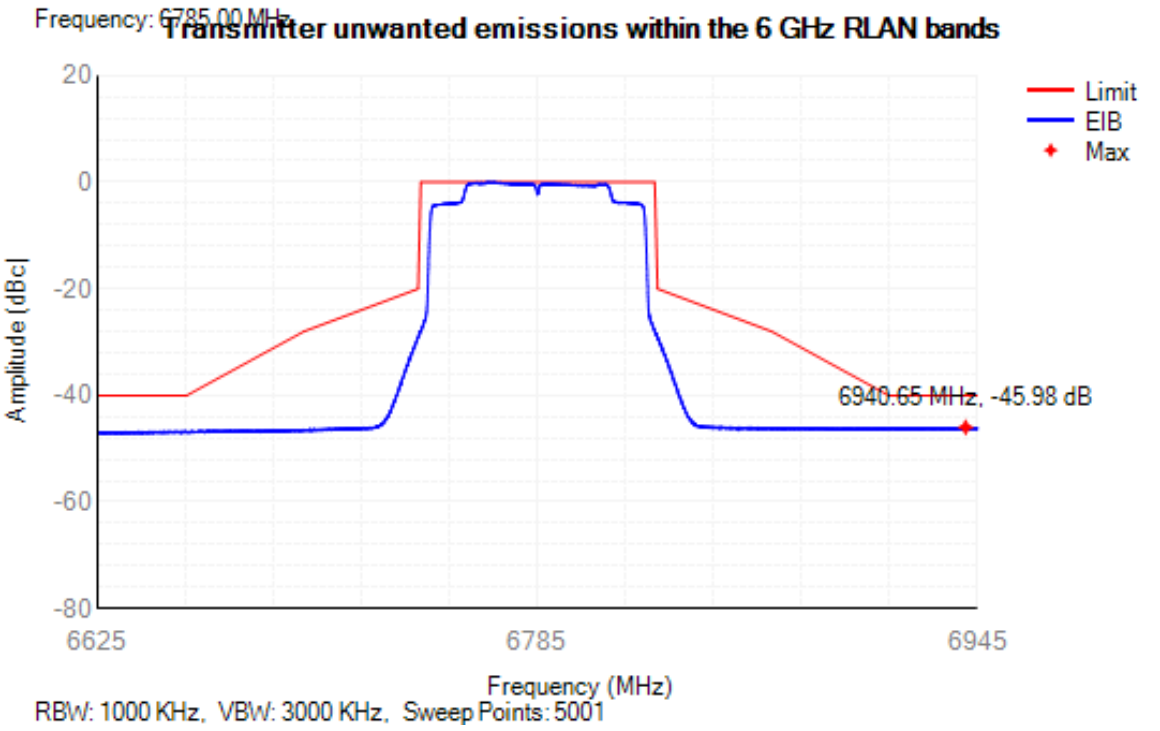


Power spectral mask NVNT ax80 6545MHz



Power spectral mask NVNT ax80 6625MHz

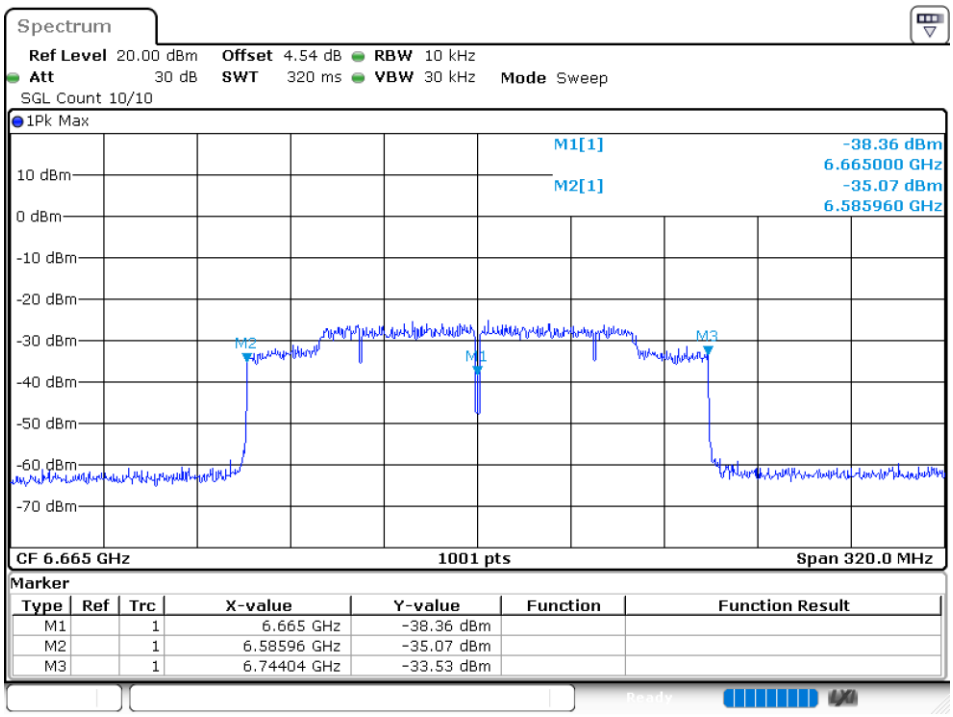


Power spectral mask NVNT ax80 6785MHz


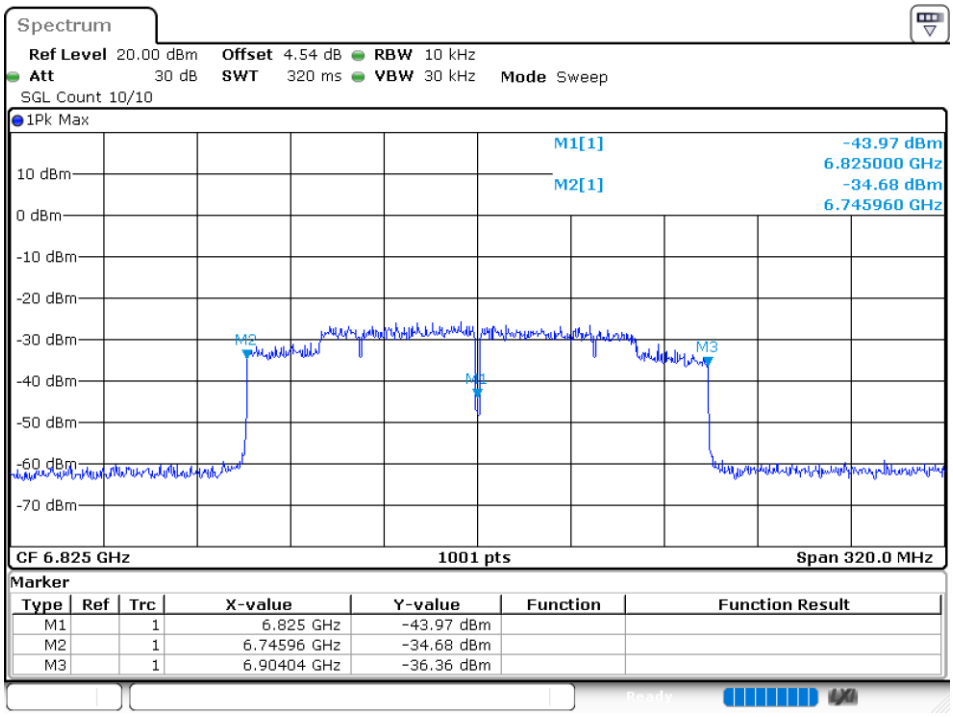
Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6665	Ant1	6665	0	0	25	Pass
NVNT	ax160	0	6825	Ant1	6825	0	0	25	Pass
NVNT	ax20	0	6535	Ant1	6535.04	40000	6.12	25	Pass
NVNT	ax20	0	6695	Ant1	6694.98	-20000	-2.99	25	Pass
NVNT	ax20	0	6855	Ant1	6855.04	40000	5.84	25	Pass
NVNT	ax40	0	6565	Ant1	6565.08	80000	12.19	25	Pass
NVNT	ax40	0	6685	Ant1	6685	0	0	25	Pass
NVNT	ax40	0	6845	Ant1	6845	0	0	25	Pass
NVNT	ax80	0	6545	Ant1	6545.08	80000	12.22	25	Pass
NVNT	ax80	0	6625	Ant1	6625.08	80000	12.08	25	Pass
NVNT	ax80	0	6785	Ant1	6784.92	-80000	-11.79	25	Pass

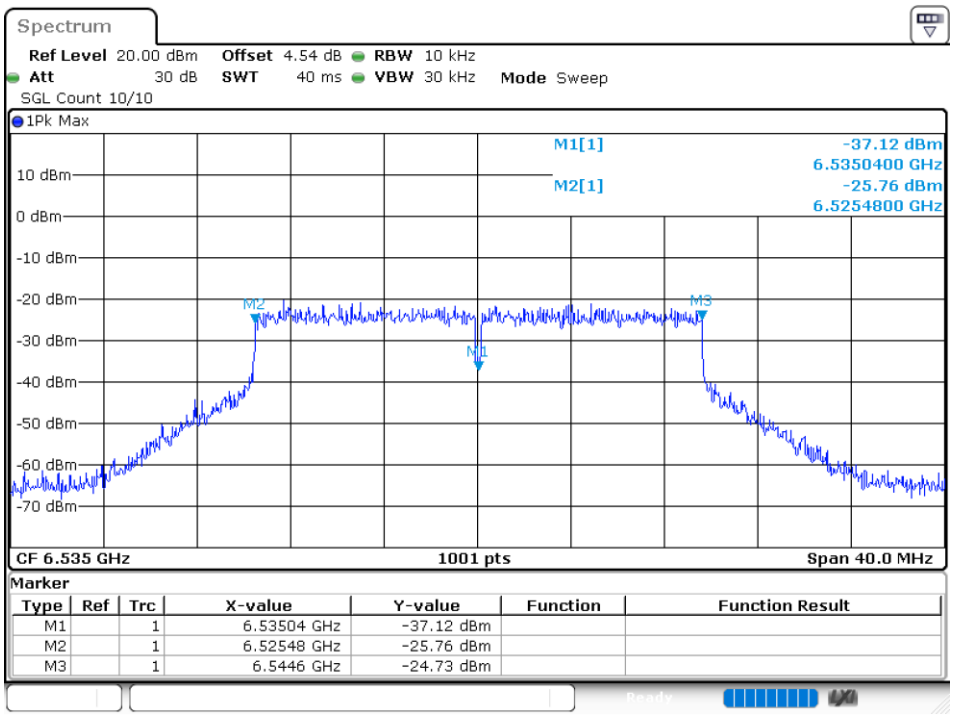
Test Graphs
Freq. Stability NVNT ax160 6665MHz Ant1 0 Minutes



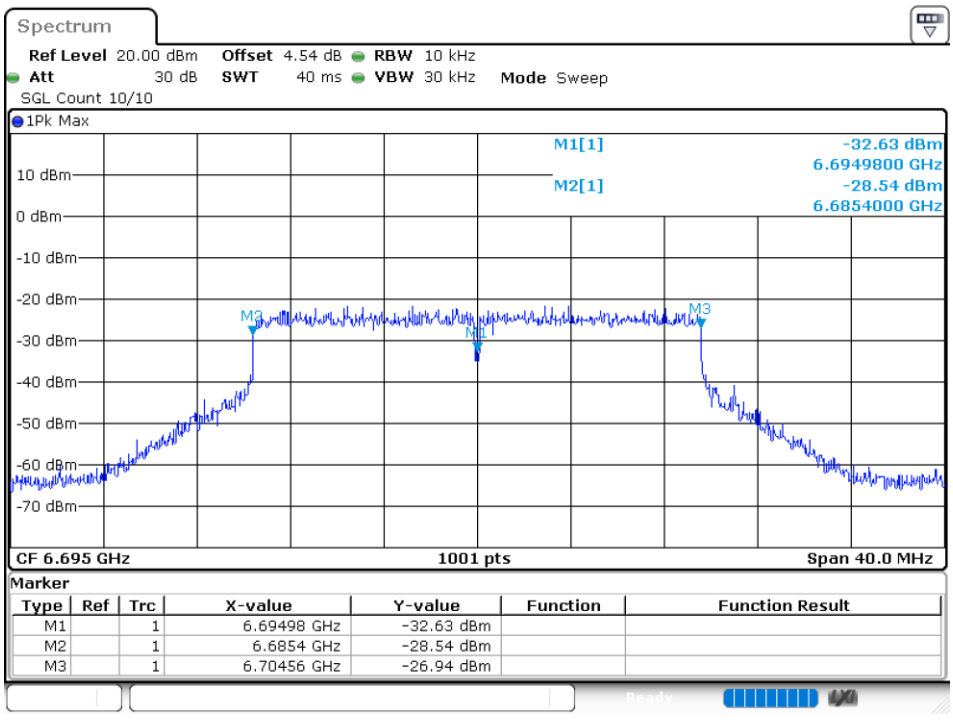
Freq. Stability NVNT ax160 6825MHz Ant1 0 Minutes



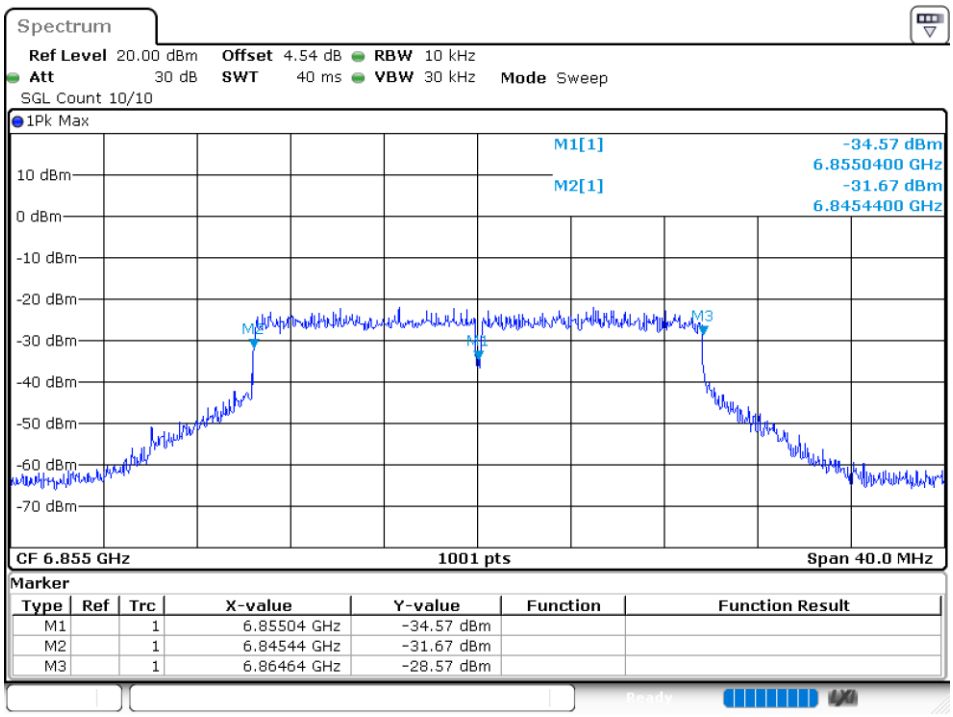
Freq. Stability NVNT ax20 6535MHz Ant1 0 Minutes



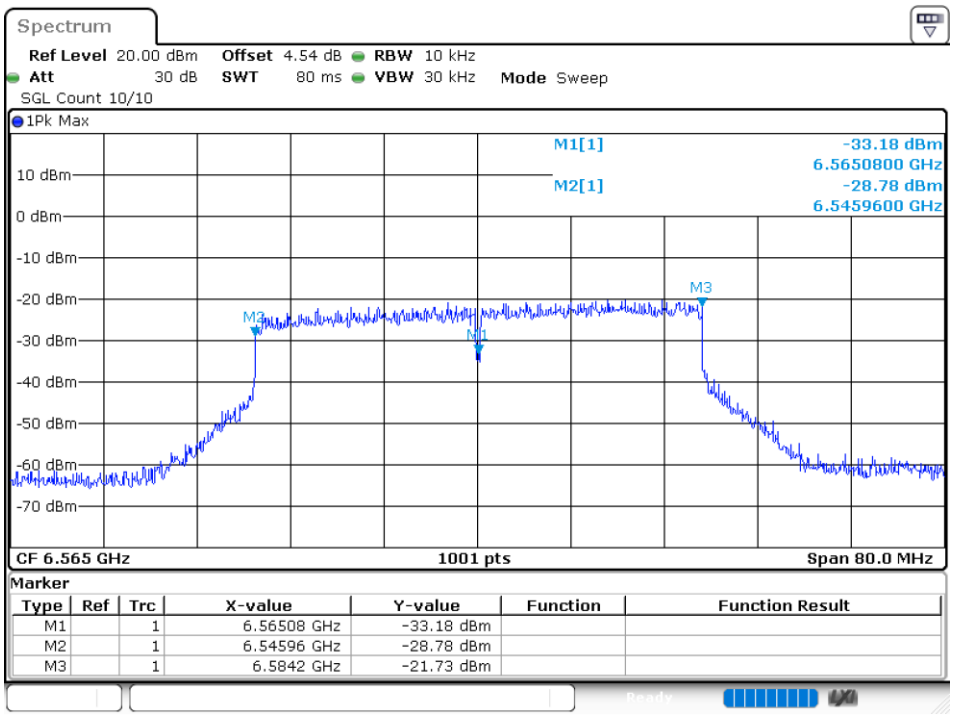
Freq. Stability NVNT ax20 6695MHz Ant1 0 Minutes



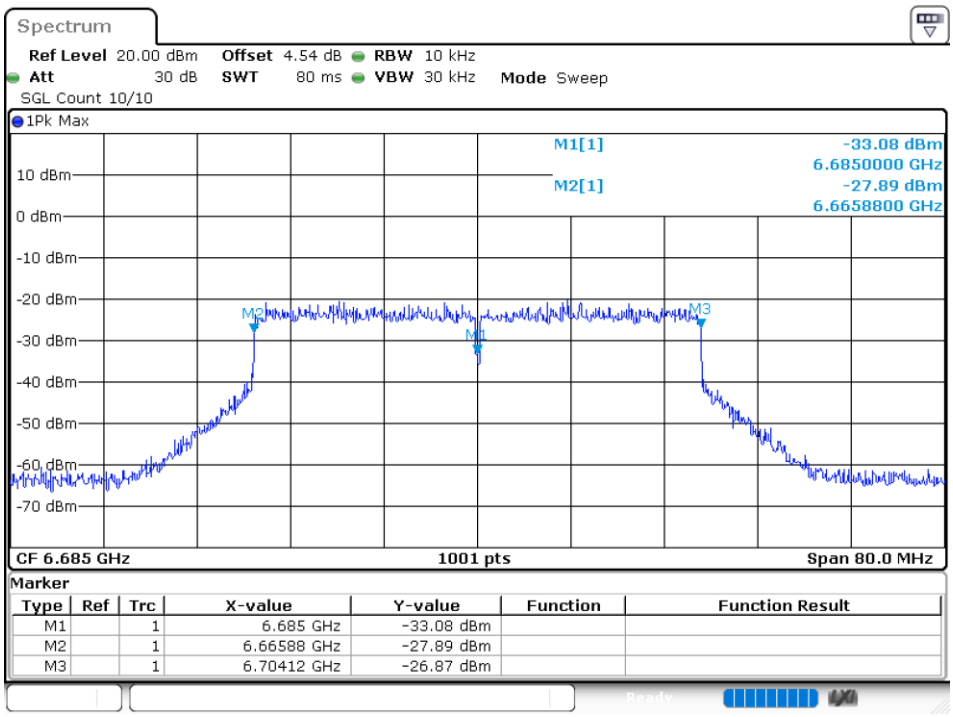
Freq. Stability NVNT ax20 6855MHz Ant1 0 Minutes



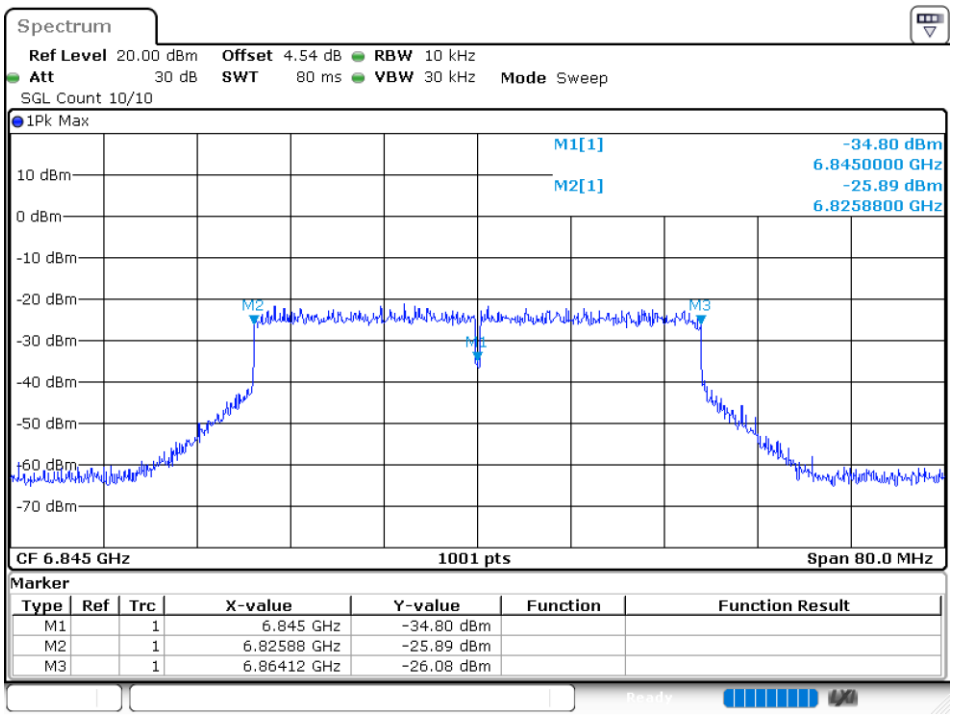
Freq. Stability NVNT ax40 6565MHz Ant1 0 Minutes



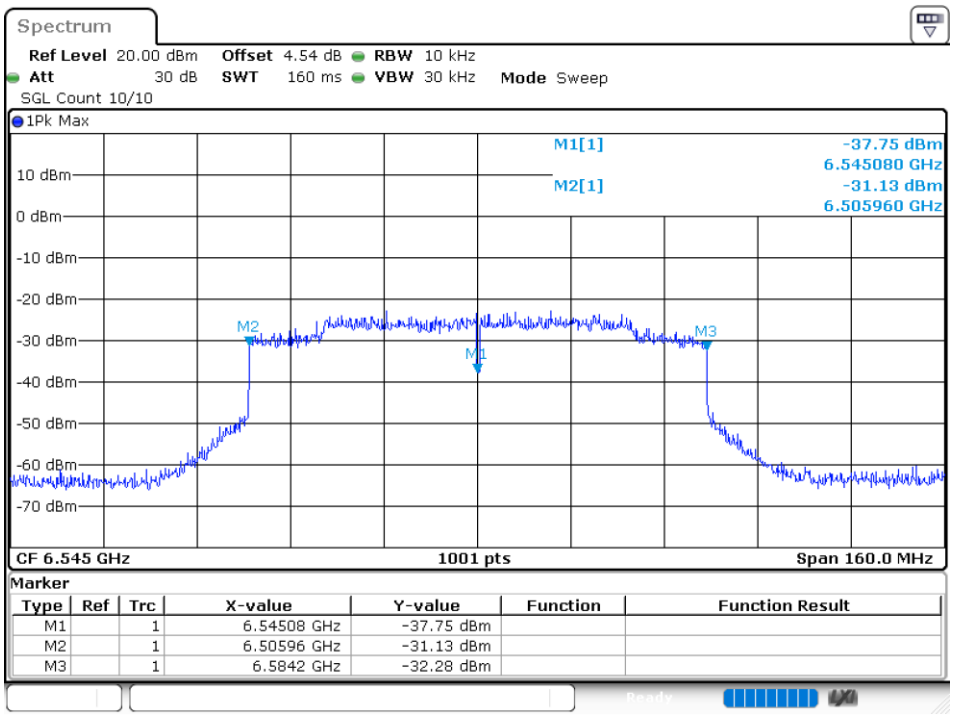
Freq. Stability NVNT ax40 6685MHz Ant1 0 Minutes



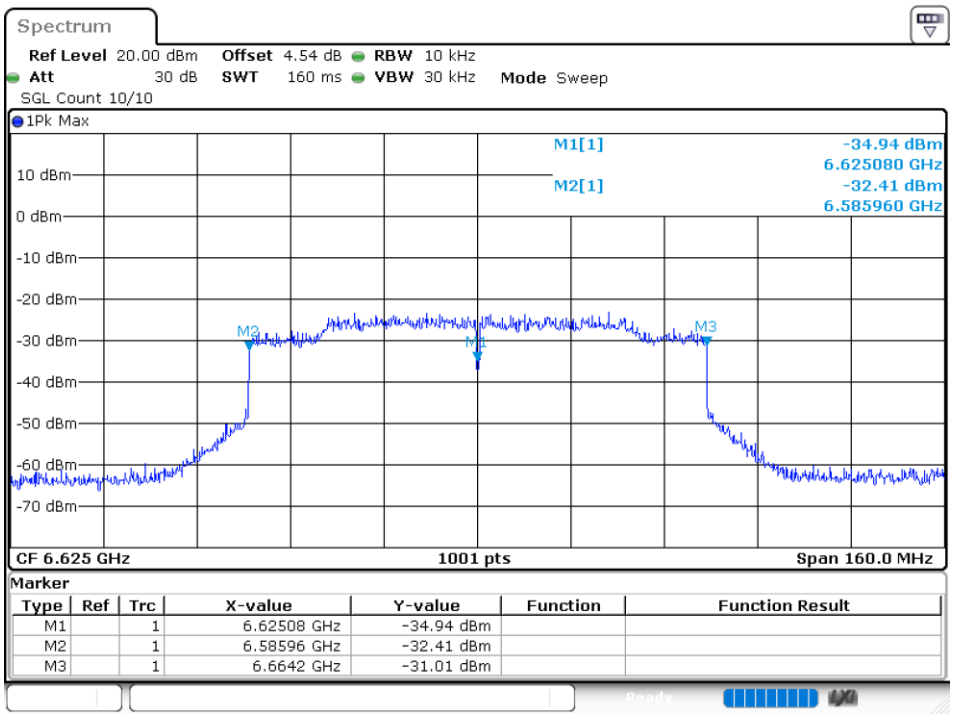
Freq. Stability NVNT ax40 6845MHz Ant1 0 Minutes



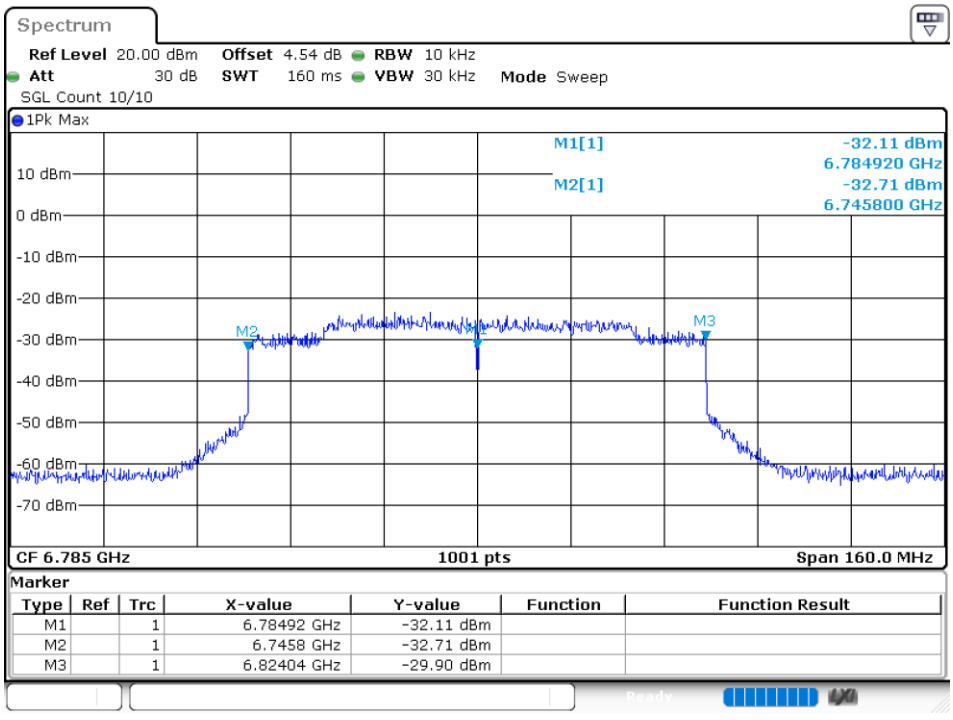
Freq. Stability NVNT ax80 6545MHz Ant1 0 Minutes



Freq. Stability NVNT ax80 6625MHz Ant1 0 Minutes



Freq. Stability NVNT ax80 6785MHz Ant1 0 Minutes

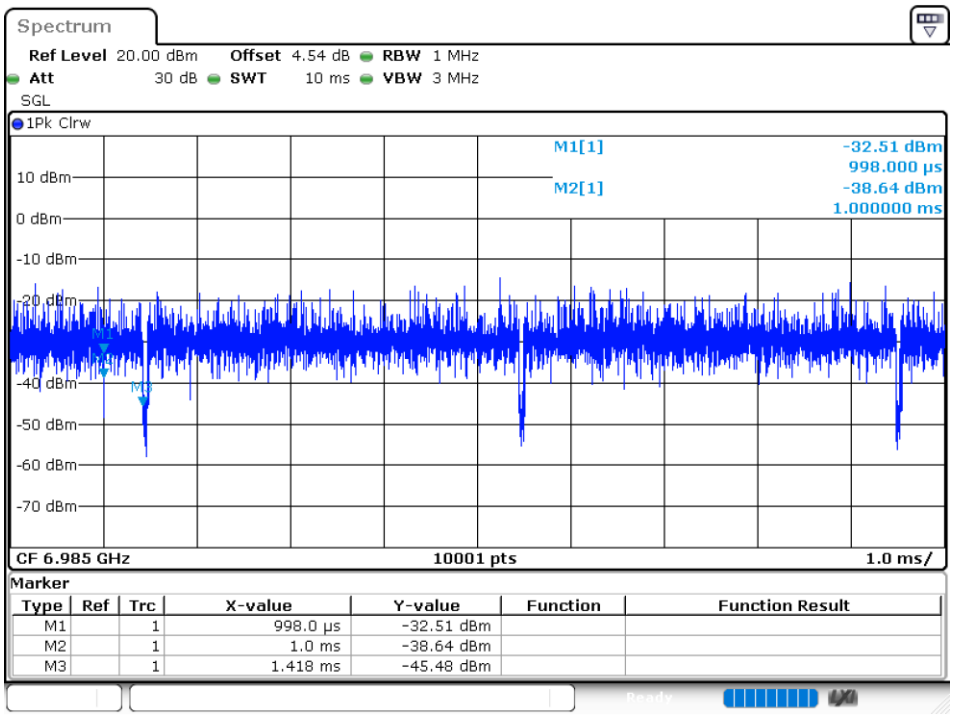


7.0G WIFI

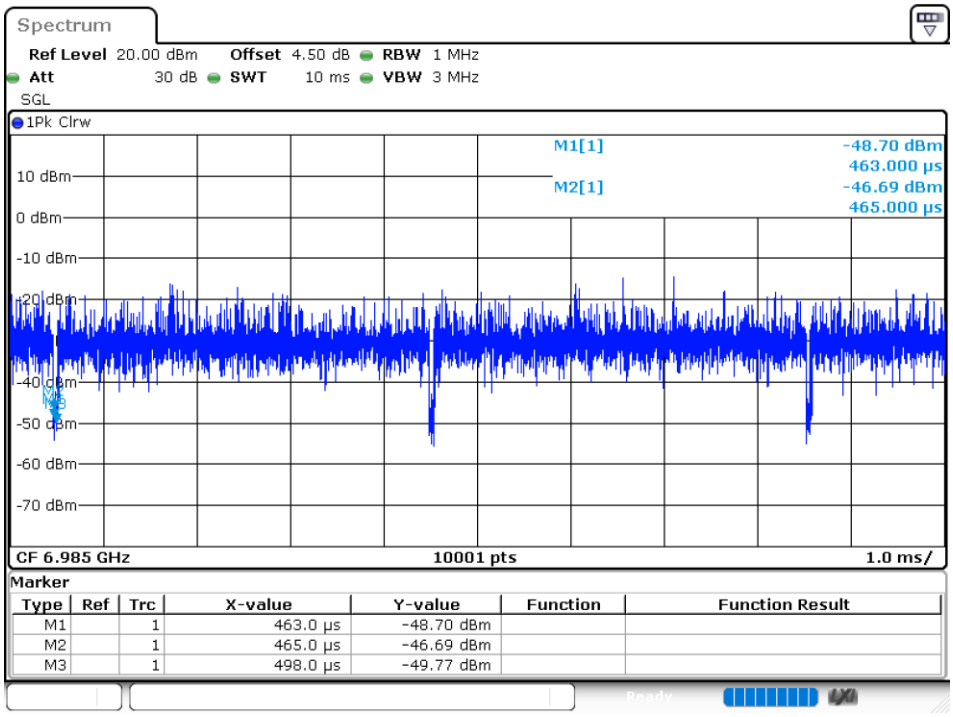
Duty Cycle

Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6985	Ant1	99.52	0	2.39
NVNT	ax160	6985	Ant2	94.29	0.26	30.3
NVNT	ax20	6875	Ant1	98.83	0	0.25
NVNT	ax20	6995	Ant1	99.21	0	4
NVNT	ax20	7115	Ant1	98.83	0	0.25
NVNT	ax20	6875	Ant2	98.43	0	0.34
NVNT	ax20	6995	Ant2	97.9	0.09	0.46
NVNT	ax20	7115	Ant2	96.63	0.15	0.73
NVNT	ax40	6885	Ant1	98.83	0	0.25
NVNT	ax40	6965	Ant1	98.86	0	0.25
NVNT	ax40	7085	Ant1	98.86	0	0.25
NVNT	ax40	6885	Ant2	98.83	0	0.25
NVNT	ax40	6965	Ant2	98.86	0	0.25
NVNT	ax40	7085	Ant2	98.86	0	0.25
NVNT	ax80	6865	Ant1	98.86	0	0.25
NVNT	ax80	6945	Ant1	98.86	0	0.25
NVNT	ax80	7025	Ant1	98.83	0	0.25
NVNT	ax80	6865	Ant2	98.83	0	0.25
NVNT	ax80	6945	Ant2	98.83	0	0.25
NVNT	ax80	7025	Ant2	98.81	0	0.25

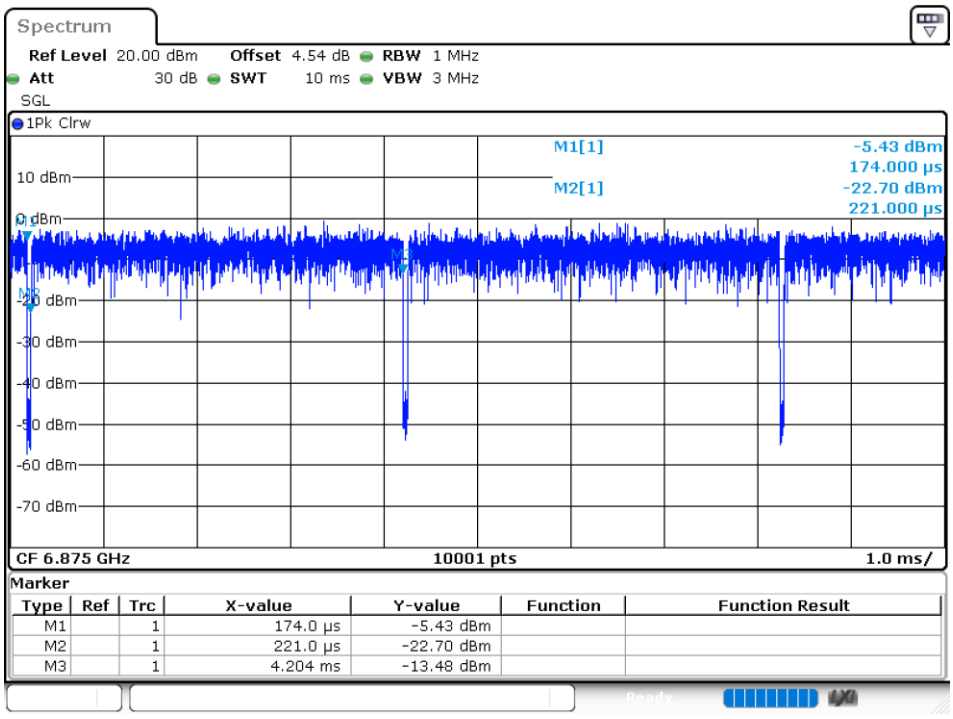
Test Graphs
Duty Cycle NVNT ax160 6985MHz Ant1



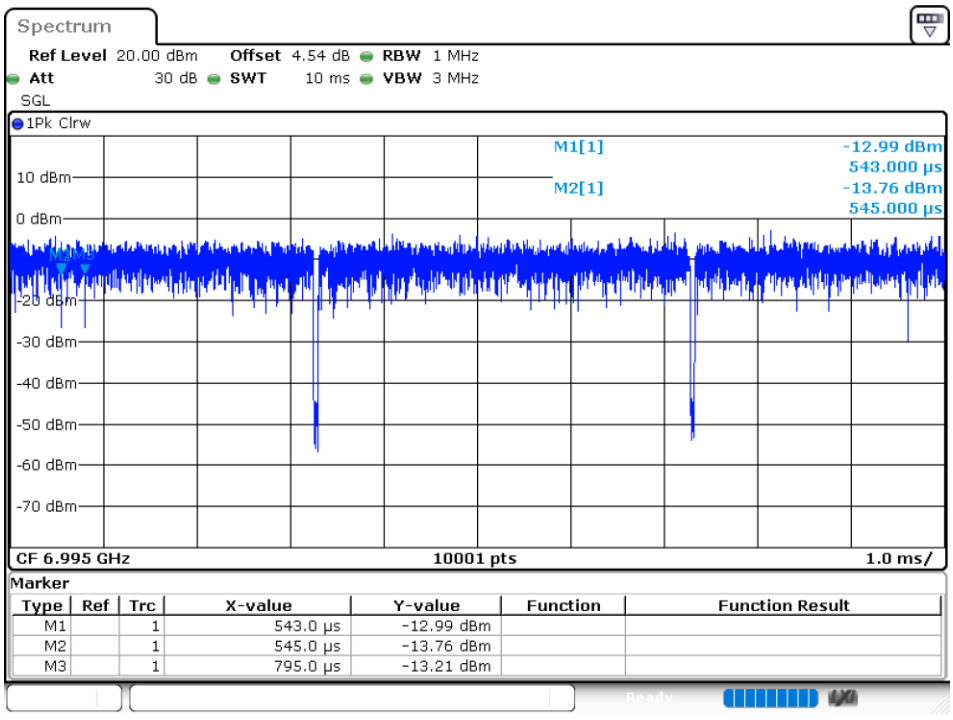
Duty Cycle NVNT ax160 6985MHz Ant2



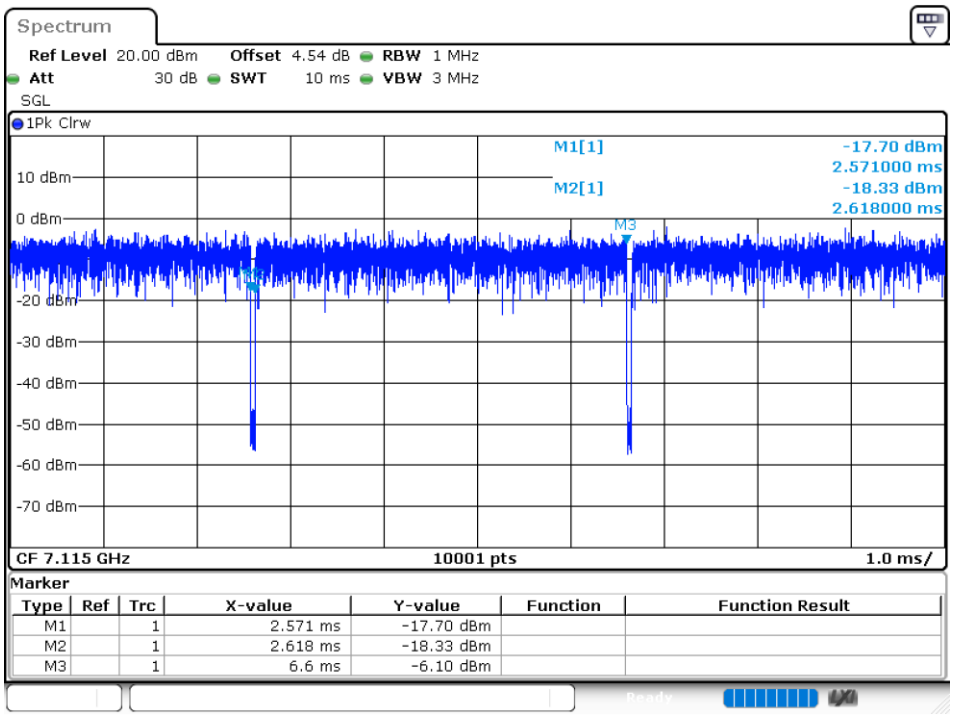
Duty Cycle NVNT ax20 6875MHz Ant1



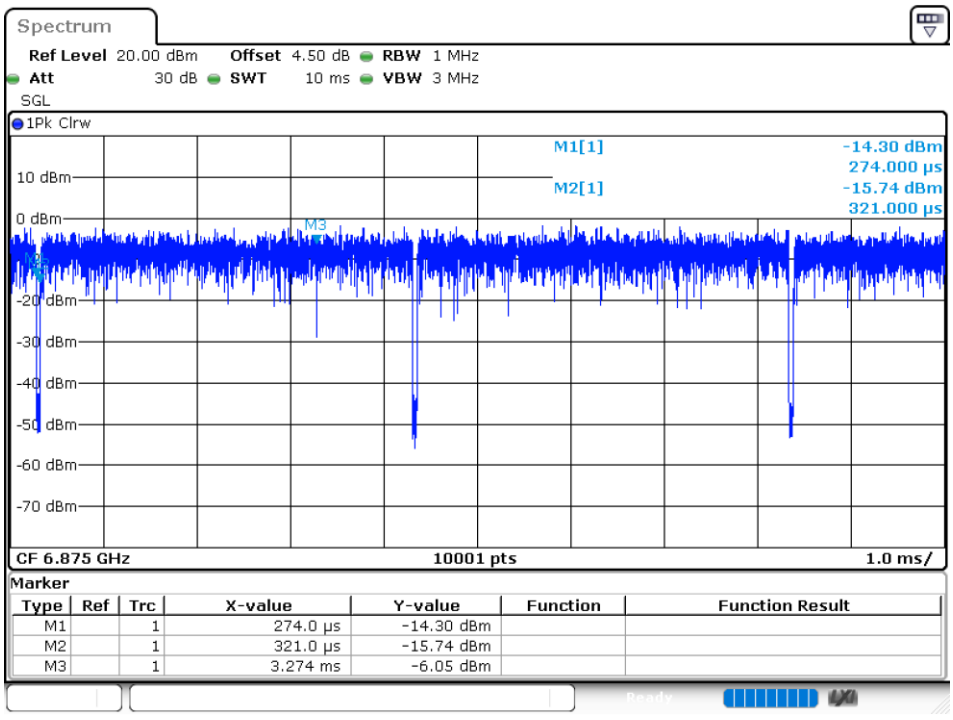
Duty Cycle NVNT ax20 6995MHz Ant1



Duty Cycle NVNT ax20 7115MHz Ant1



Duty Cycle NVNT ax20 6875MHz Ant2



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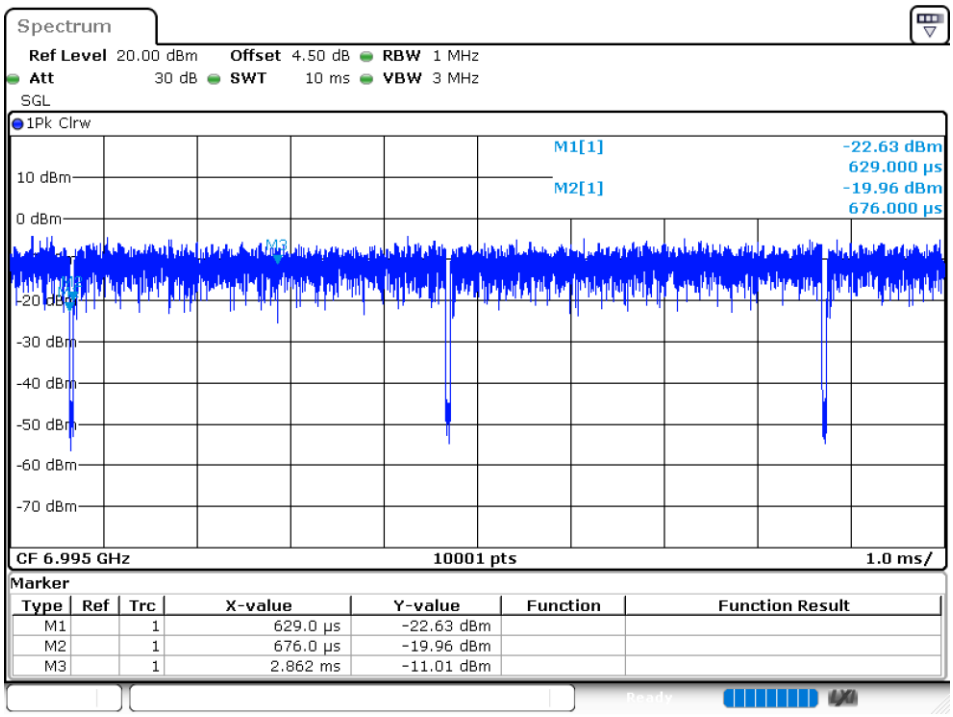
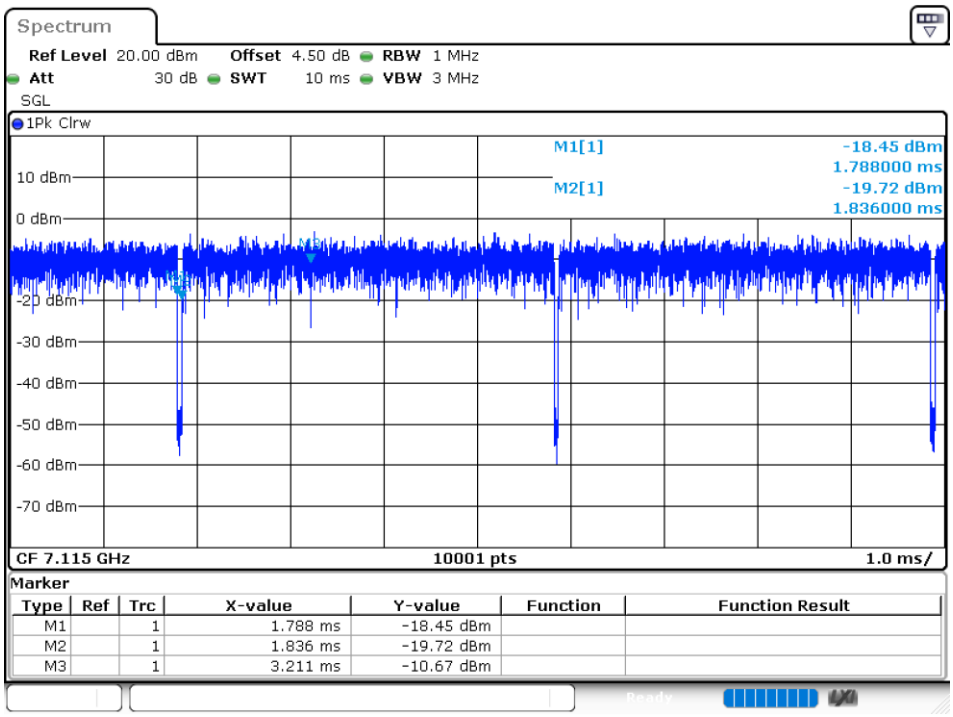
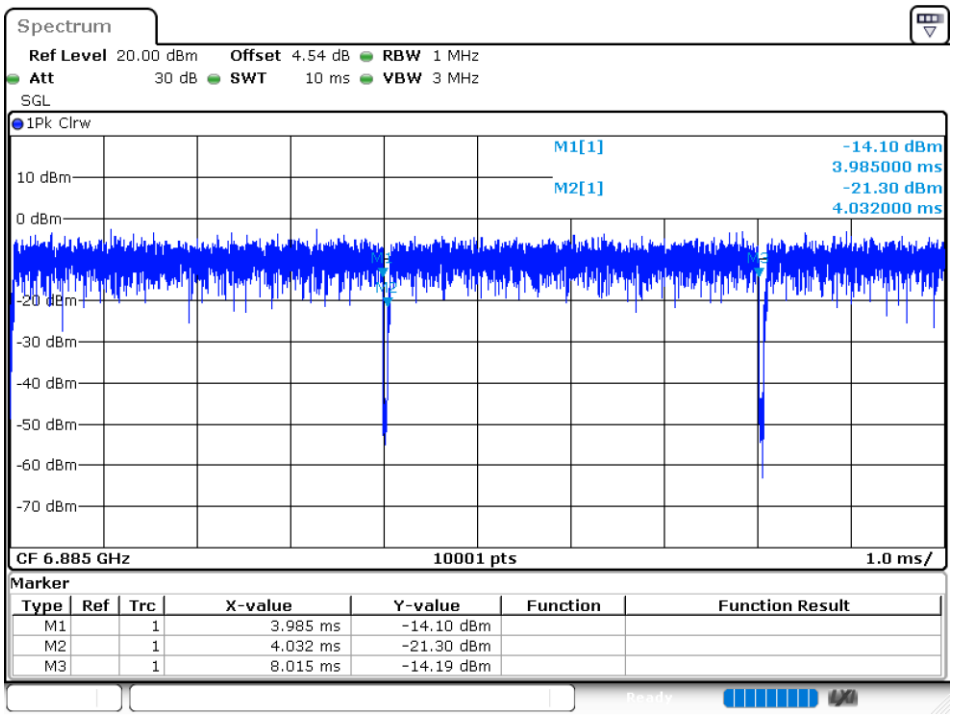


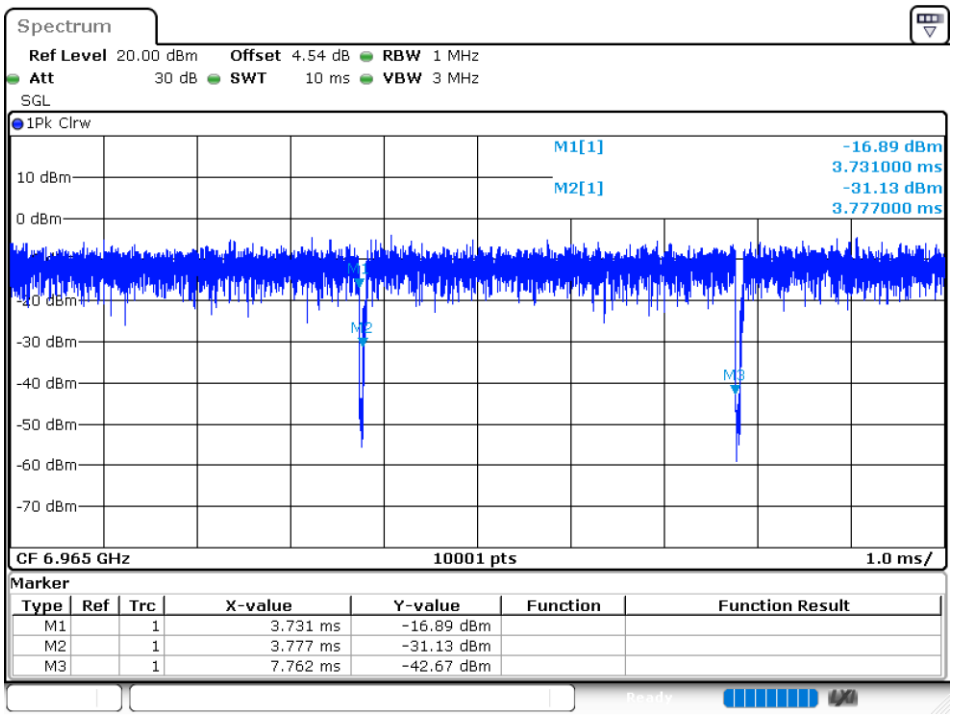
Duty Cycle NVNT ax20 7115MHz Ant2



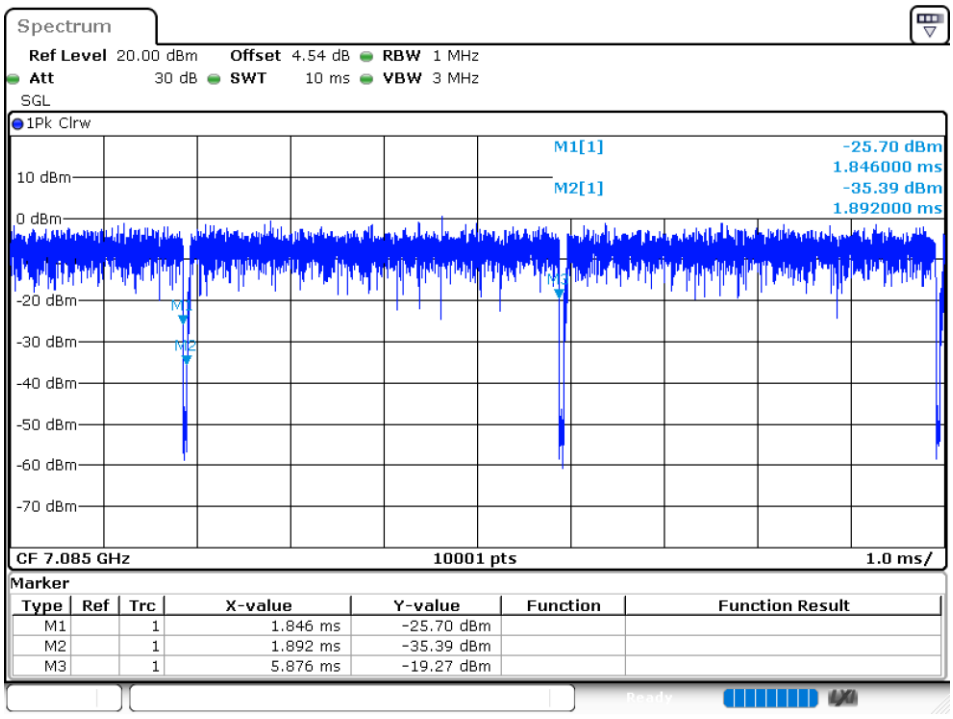
Duty Cycle NVNT ax40 6885MHz Ant1



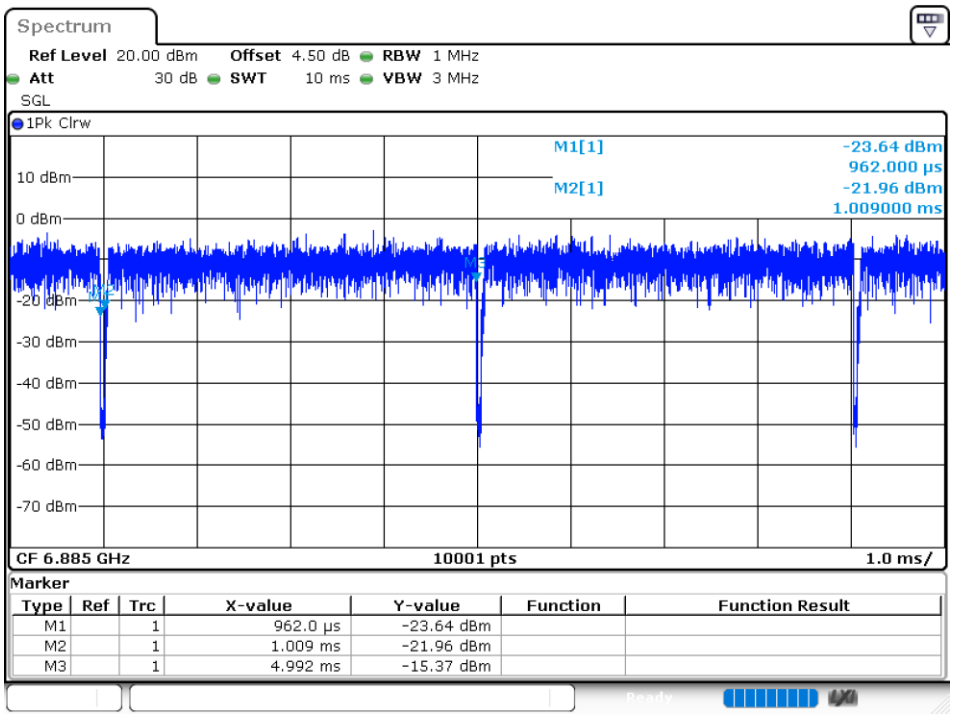
Duty Cycle NVNT ax40 6965MHz Ant1



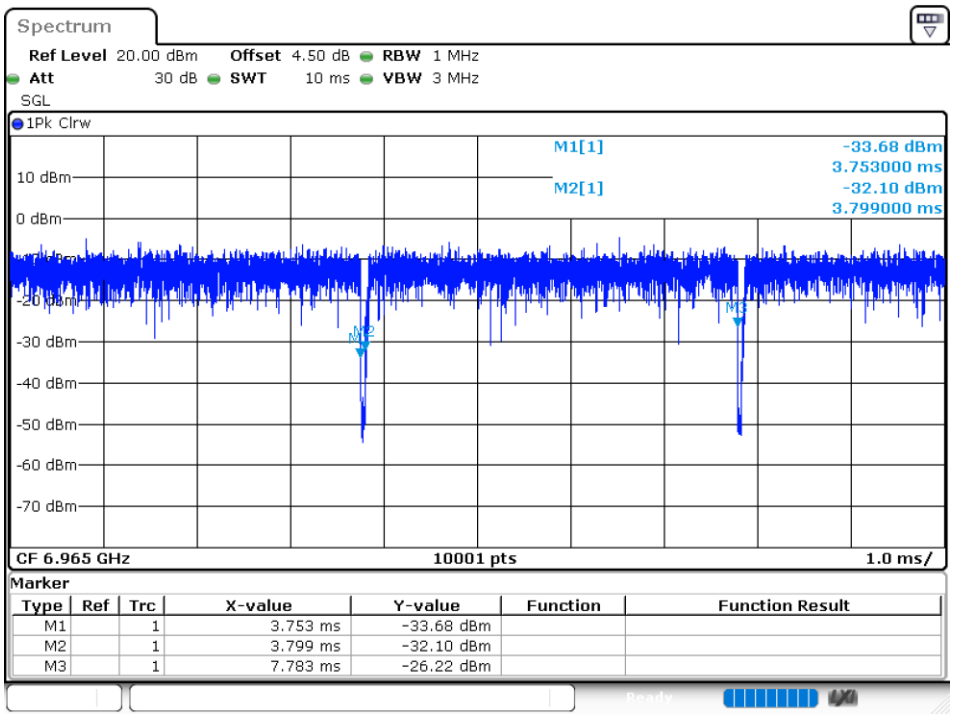
Duty Cycle NVNT ax40 7085MHz Ant1



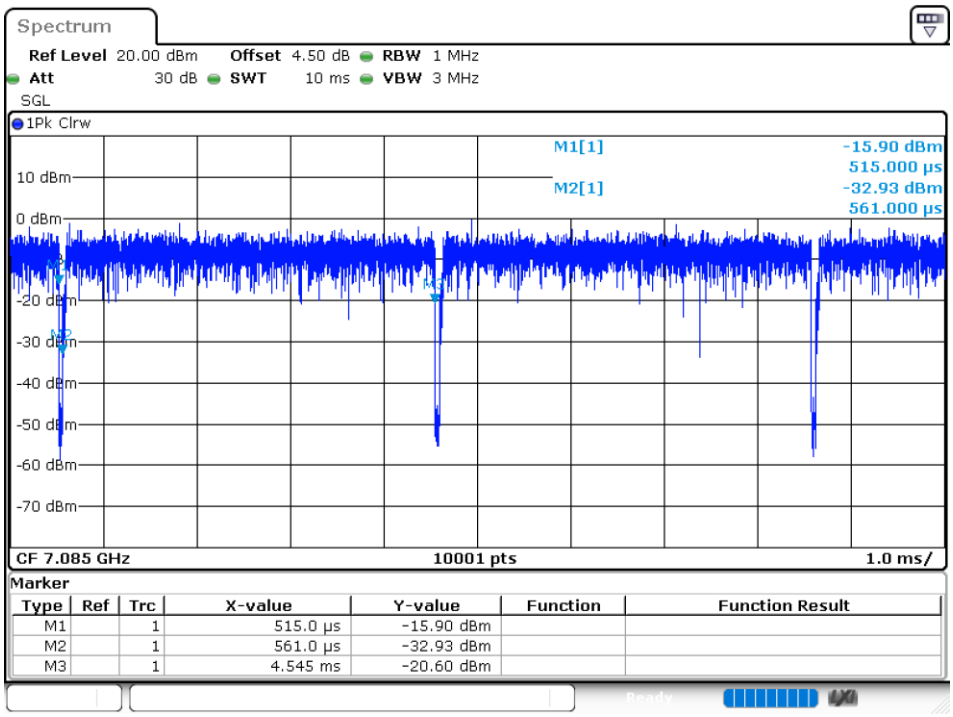
Duty Cycle NVNT ax40 6885MHz Ant2



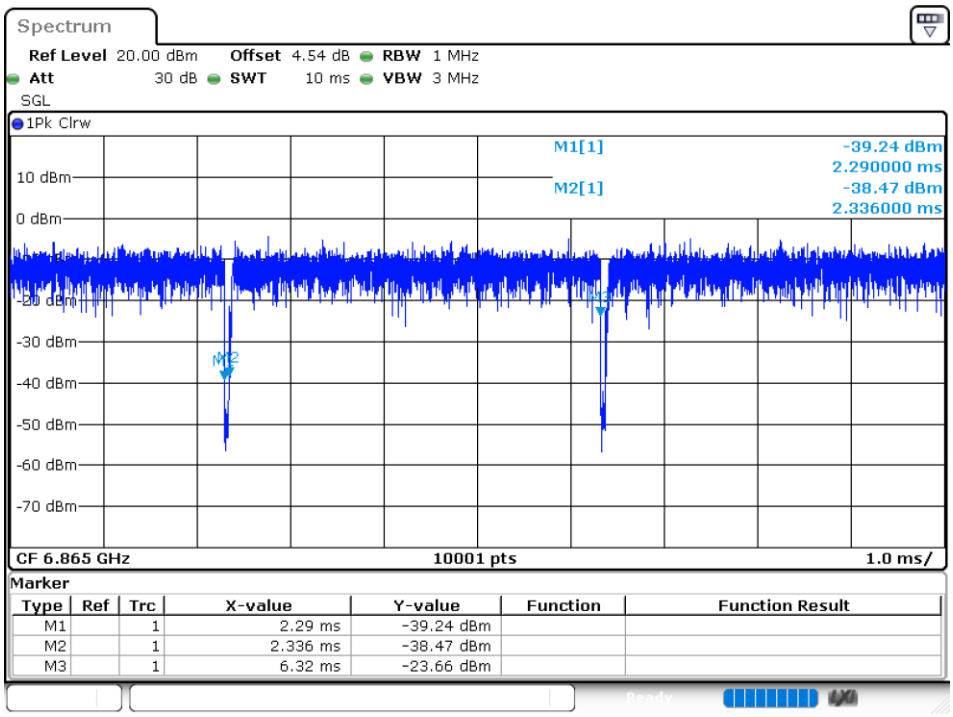
Duty Cycle NVNT ax40 6965MHz Ant2



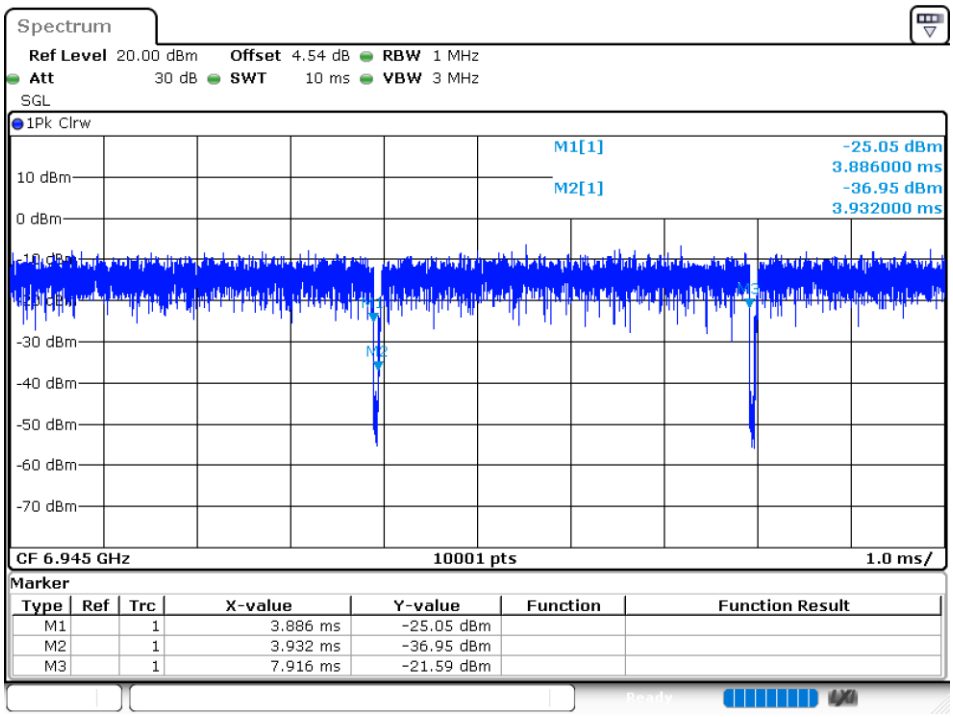
Duty Cycle NVNT ax40 7085MHz Ant2



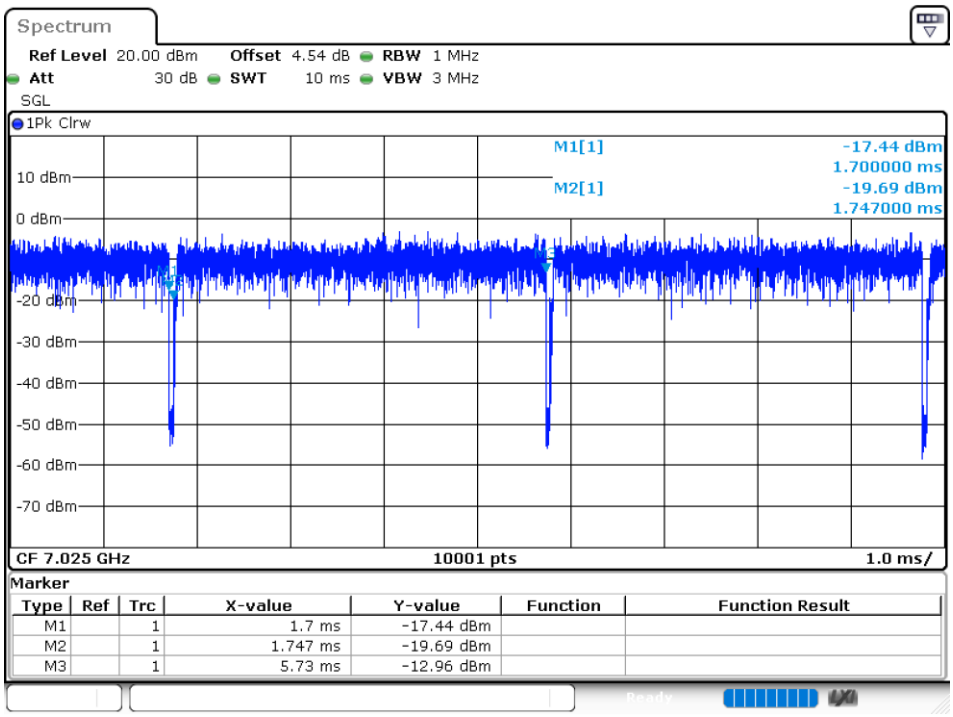
Duty Cycle NVNT ax80 6865MHz Ant1



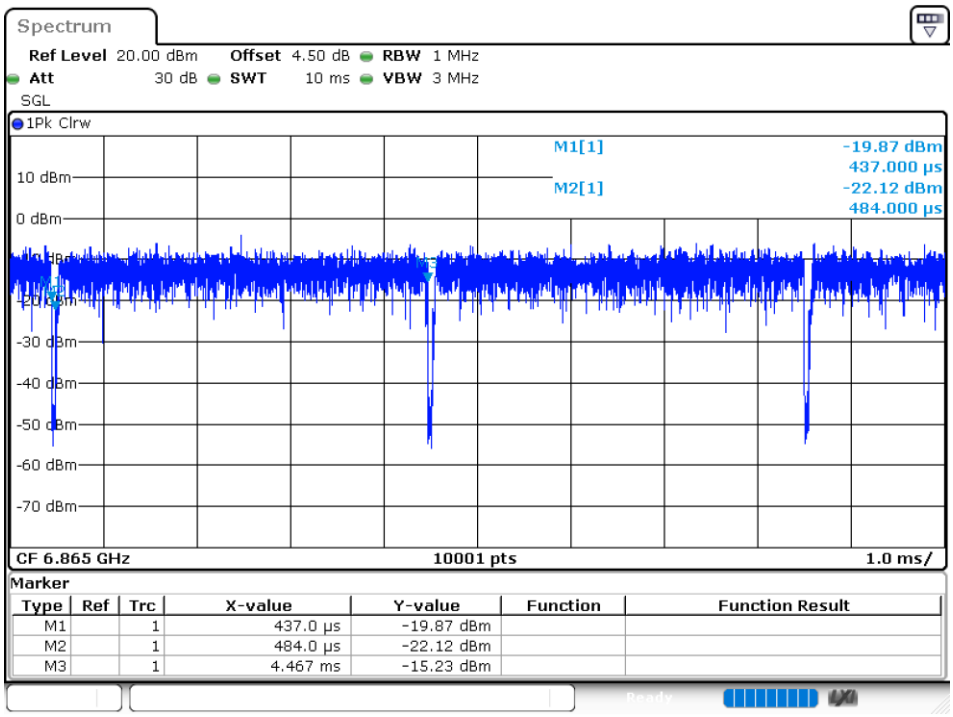
Duty Cycle NVNT ax80 6945MHz Ant1



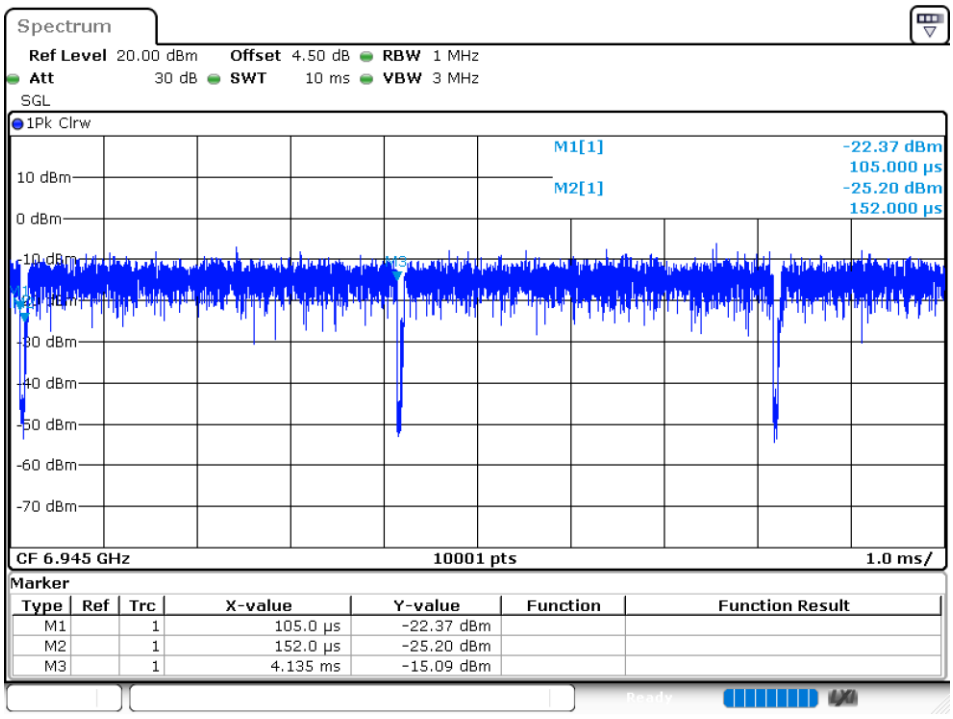
Duty Cycle NVNT ax80 7025MHz Ant1



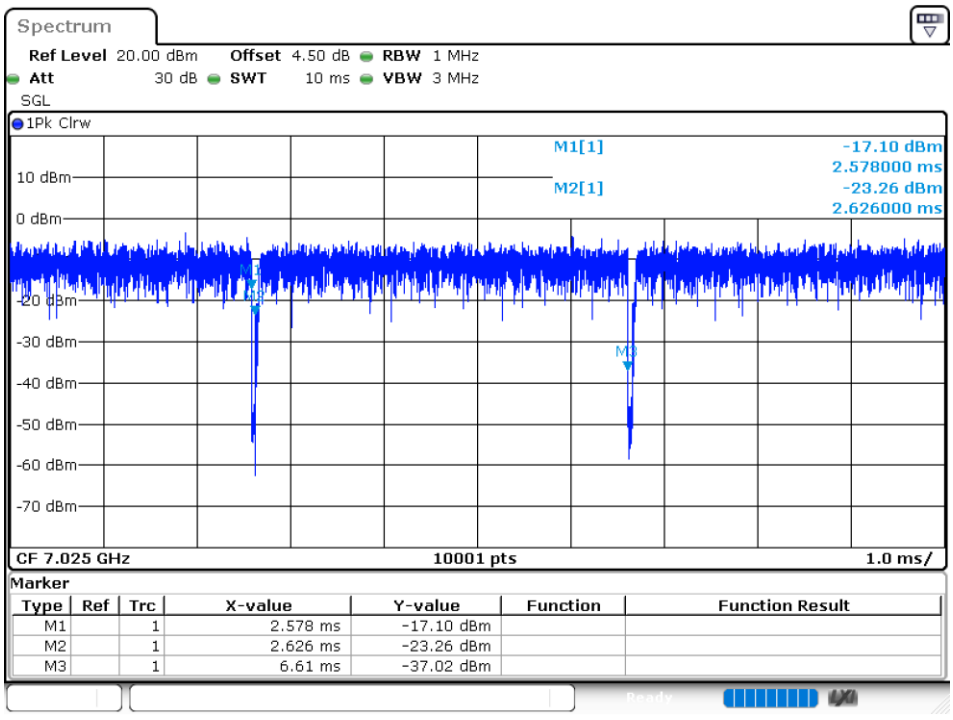
Duty Cycle NVNT ax80 6865MHz Ant2



Duty Cycle NVNT ax80 6945MHz Ant2



Duty Cycle NVNT ax80 7025MHz Ant2



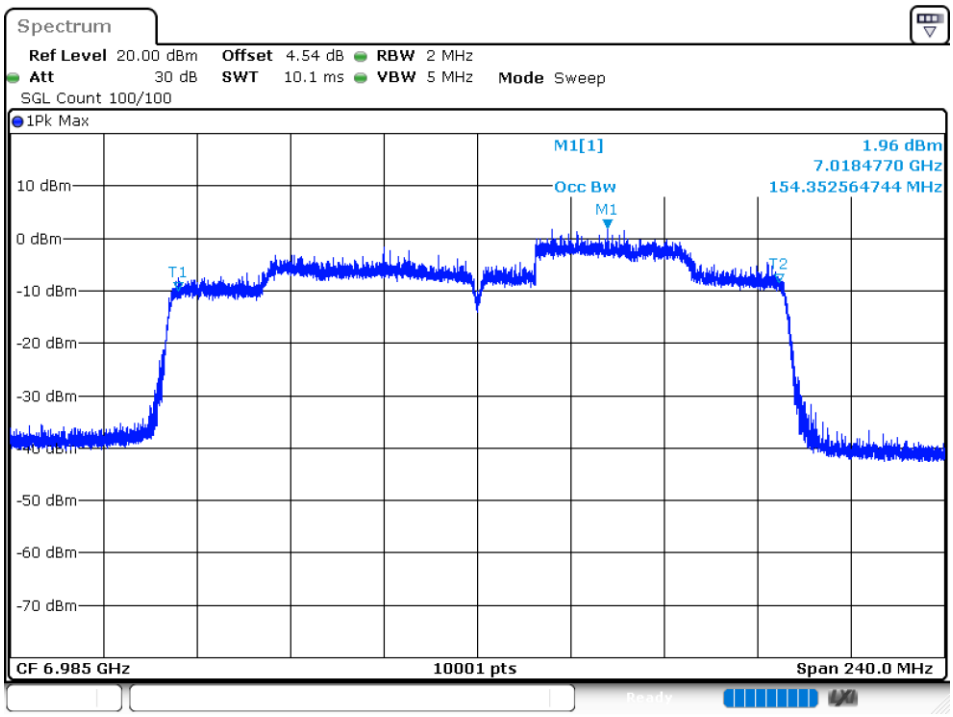
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	7.81	4.9	12.71	24	Pass
NVNT	ax160	6985	Ant2	7.69	4.81	12.5	24	Pass
NVNT	ax20	6875	Ant1	5.96	4.9	10.86	24	Pass
NVNT	ax20	6875	Ant2	5.93	4.81	10.74	24	Pass
NVNT	ax20	6995	Ant1	6.18	4.9	11.08	24	Pass
NVNT	ax20	6995	Ant2	6.02	4.81	10.83	24	Pass
NVNT	ax20	7115	Ant1	1.78	4.9	6.68	24	Pass
NVNT	ax20	7115	Ant2	1.65	4.81	6.46	24	Pass
NVNT	ax40	6885	Ant1	7.34	4.9	12.24	24	Pass
NVNT	ax40	6885	Ant2	7.43	4.81	12.24	24	Pass
NVNT	ax40	6965	Ant1	7.68	4.9	12.58	24	Pass
NVNT	ax40	6965	Ant2	7.54	4.81	12.35	24	Pass
NVNT	ax40	7085	Ant1	7.56	4.9	12.46	24	Pass
NVNT	ax40	7085	Ant2	7.5	4.81	12.31	24	Pass
NVNT	ax80	6865	Ant1	7.34	4.9	12.24	24	Pass
NVNT	ax80	6865	Ant2	7.34	4.81	12.15	24	Pass
NVNT	ax80	6945	Ant1	7.44	4.9	12.34	24	Pass
NVNT	ax80	6945	Ant2	7.4	4.81	12.21	24	Pass
NVNT	ax80	7025	Ant1	7.3	4.9	12.2	24	Pass
NVNT	ax80	7025	Ant2	7.07	4.81	11.88	24	Pass

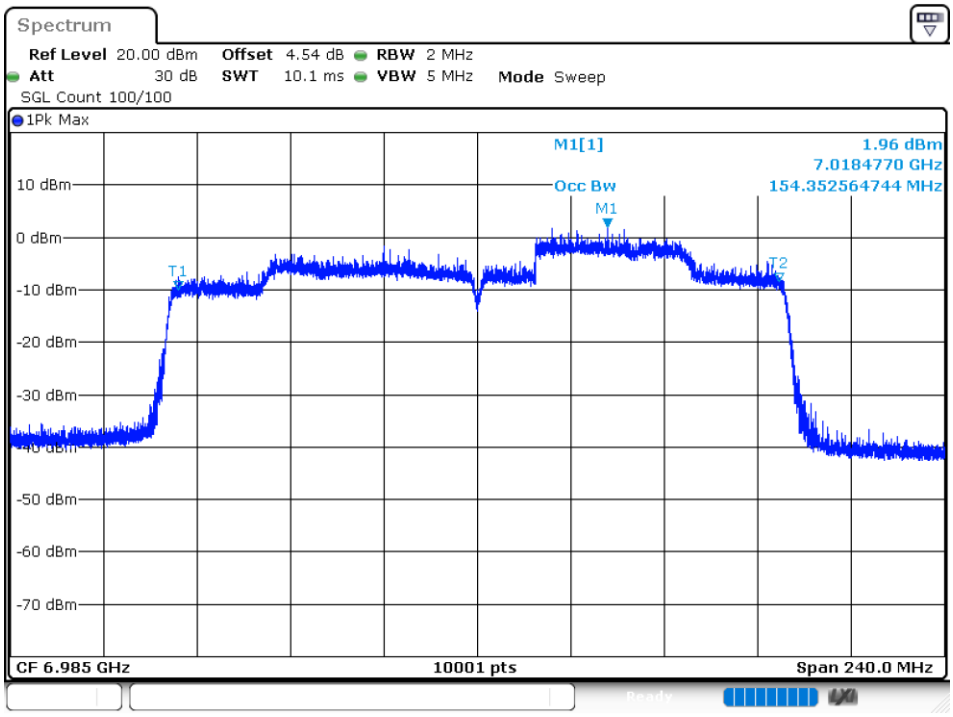
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6985	Ant1	154.353
NVNT	ax160	6985	Ant2	154.209
NVNT	ax20	6875	Ant1	19.057
NVNT	ax20	6875	Ant2	19.066
NVNT	ax20	6995	Ant1	18.934
NVNT	ax20	6995	Ant2	18.907
NVNT	ax20	7115	Ant1	19.03
NVNT	ax20	7115	Ant2	19.048
NVNT	ax40	6885	Ant1	37.886
NVNT	ax40	6885	Ant2	37.904
NVNT	ax40	6965	Ant1	37.844
NVNT	ax40	6965	Ant2	37.874
NVNT	ax40	7085	Ant1	37.916
NVNT	ax40	7085	Ant2	37.916
NVNT	ax80	6865	Ant1	76.576
NVNT	ax80	6865	Ant2	76.492
NVNT	ax80	6945	Ant1	76.564
NVNT	ax80	6945	Ant2	76.528
NVNT	ax80	7025	Ant1	75.052
NVNT	ax80	7025	Ant2	75.1

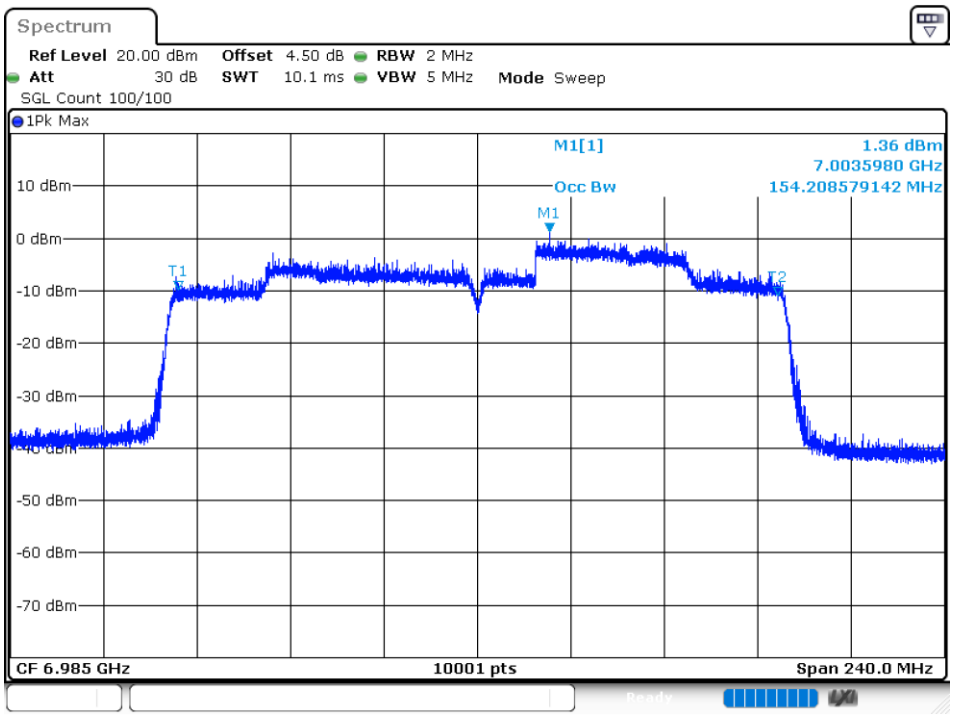
Test Graphs
OBW NVNT ax160 6985MHz Ant1



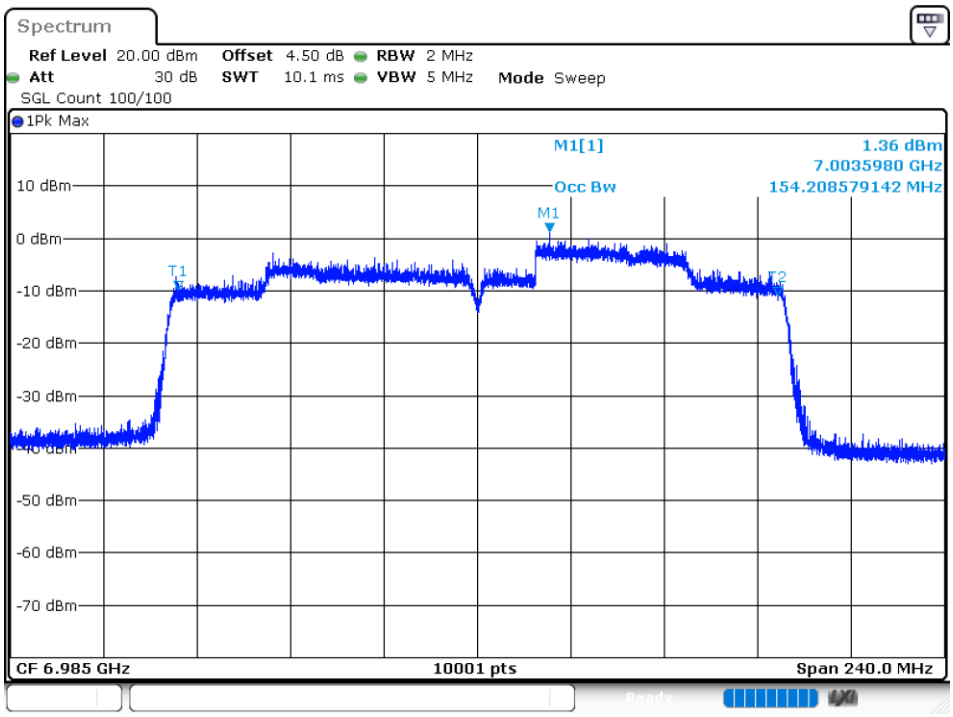
OBW NVNT ax160 6985MHz Ant1



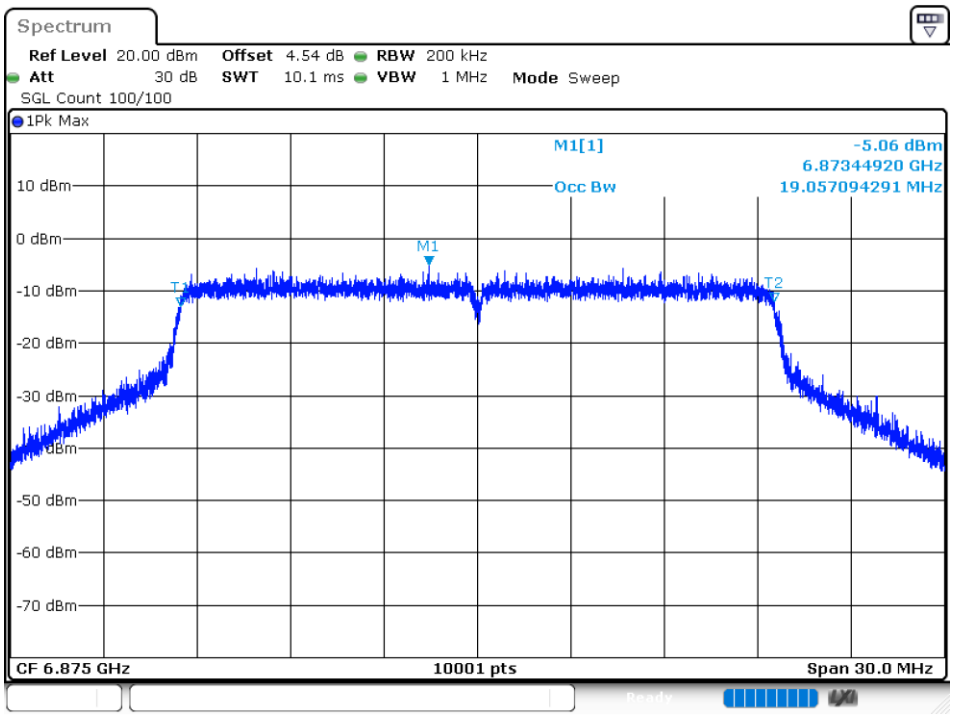
OBW NVNT ax160 6985MHz Ant2



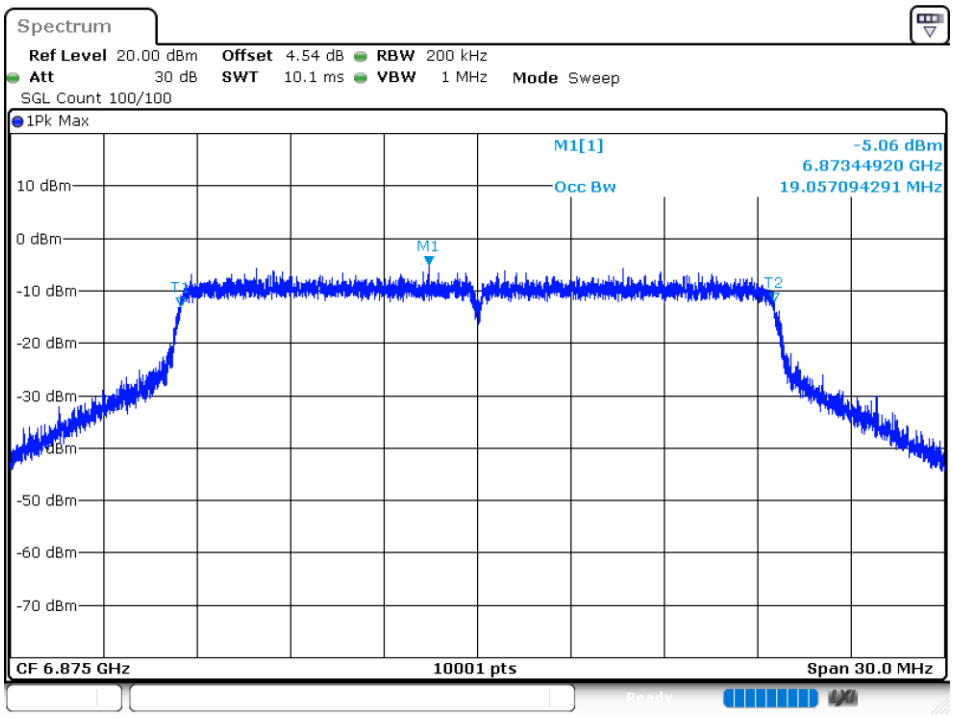
OBW NVNT ax160 6985MHz Ant2



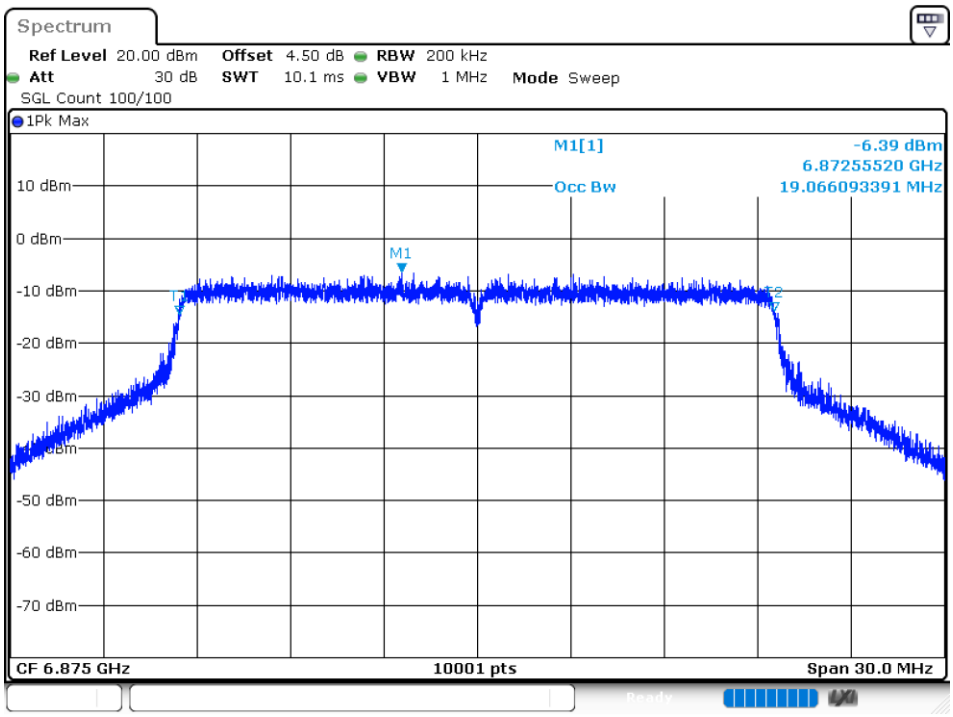
OBW NVNT ax20 6875MHz Ant1



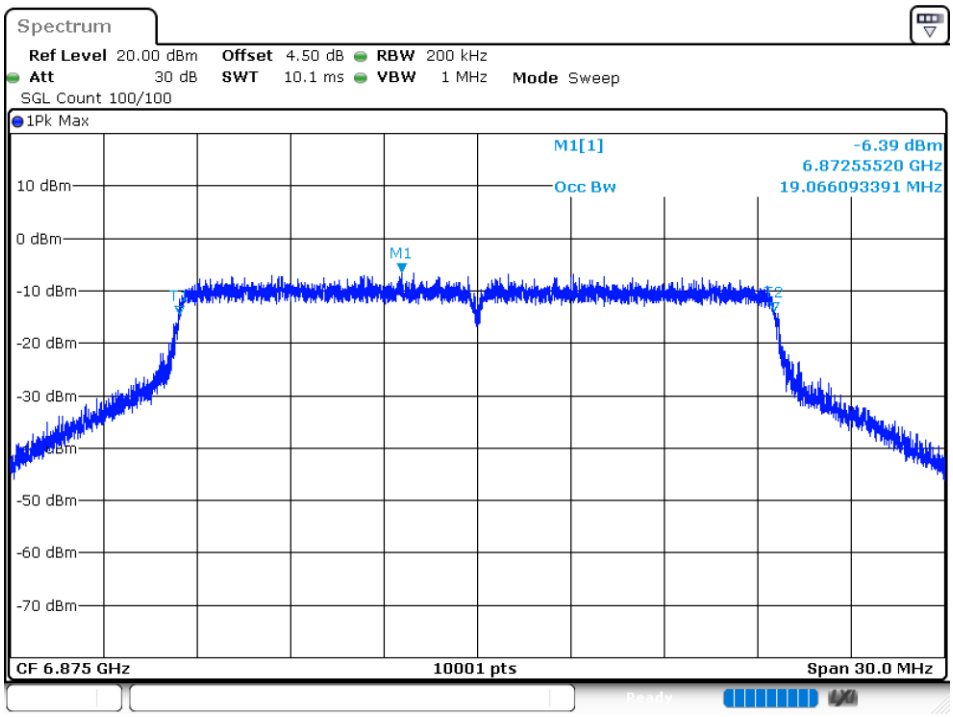
OBW NVNT ax20 6875MHz Ant1



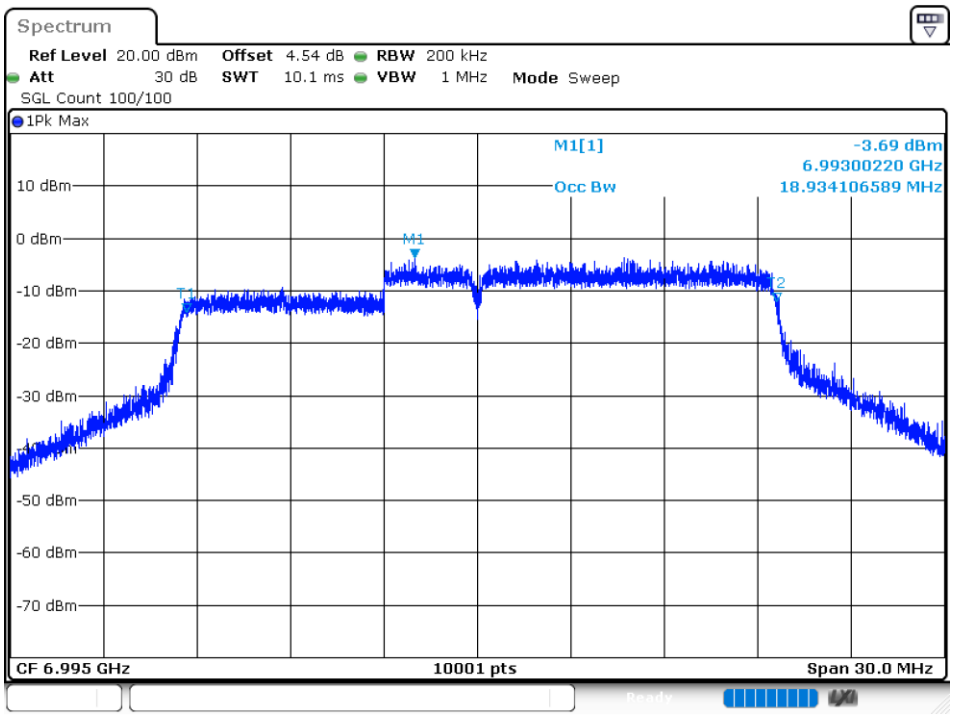
OBW NVNT ax20 6875MHz Ant2



OBW NVNT ax20 6875MHz Ant2



OBW NVNT ax20 6995MHz Ant1



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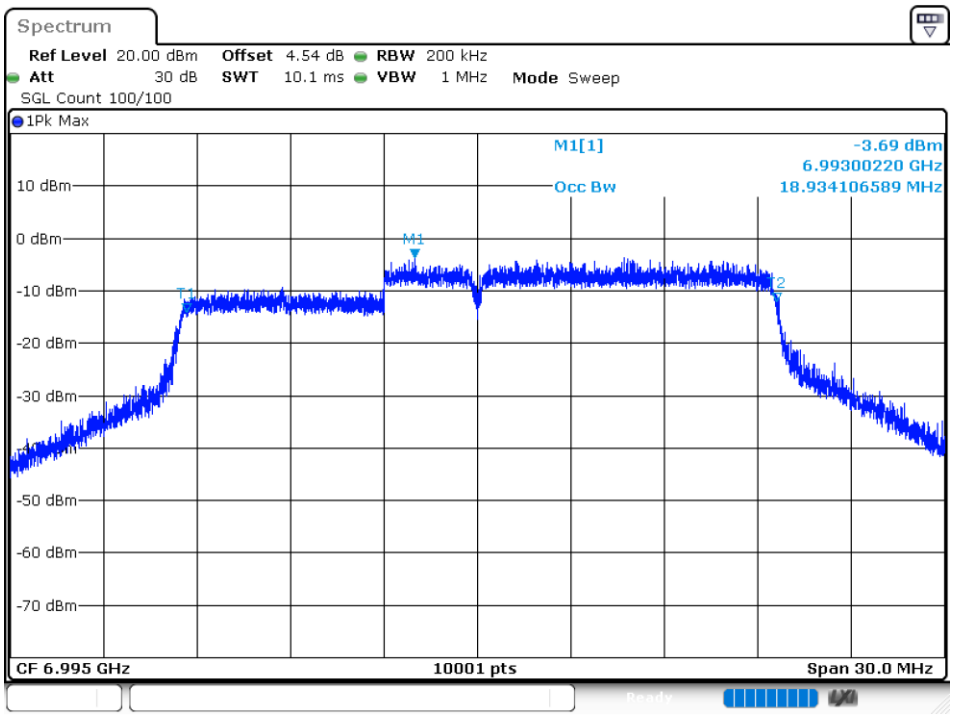
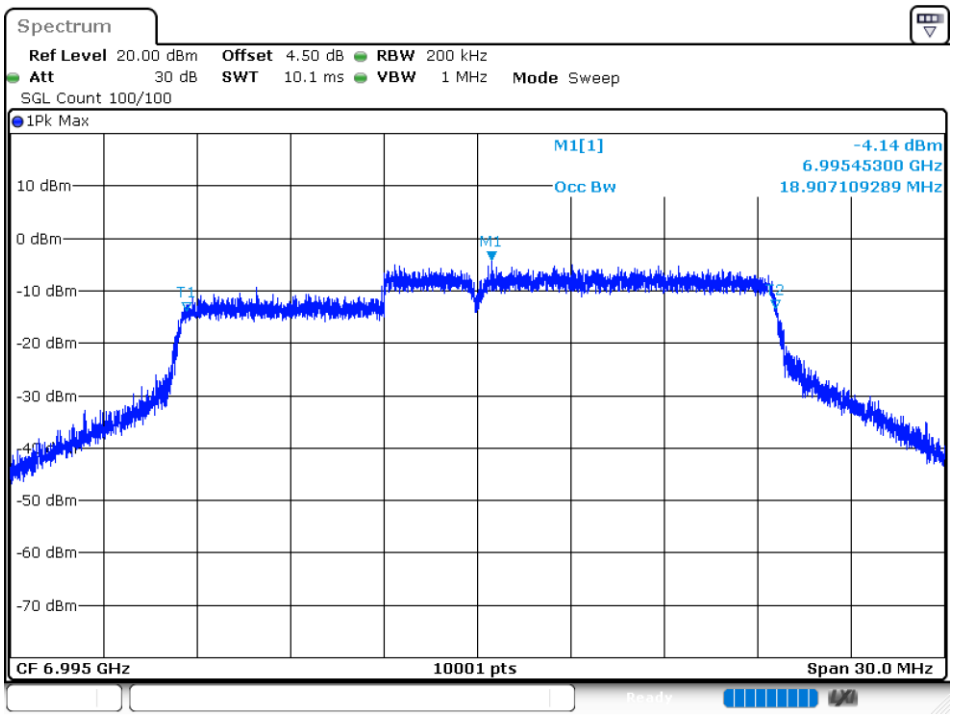


OBW NVNT ax20 6995MHz Ant2



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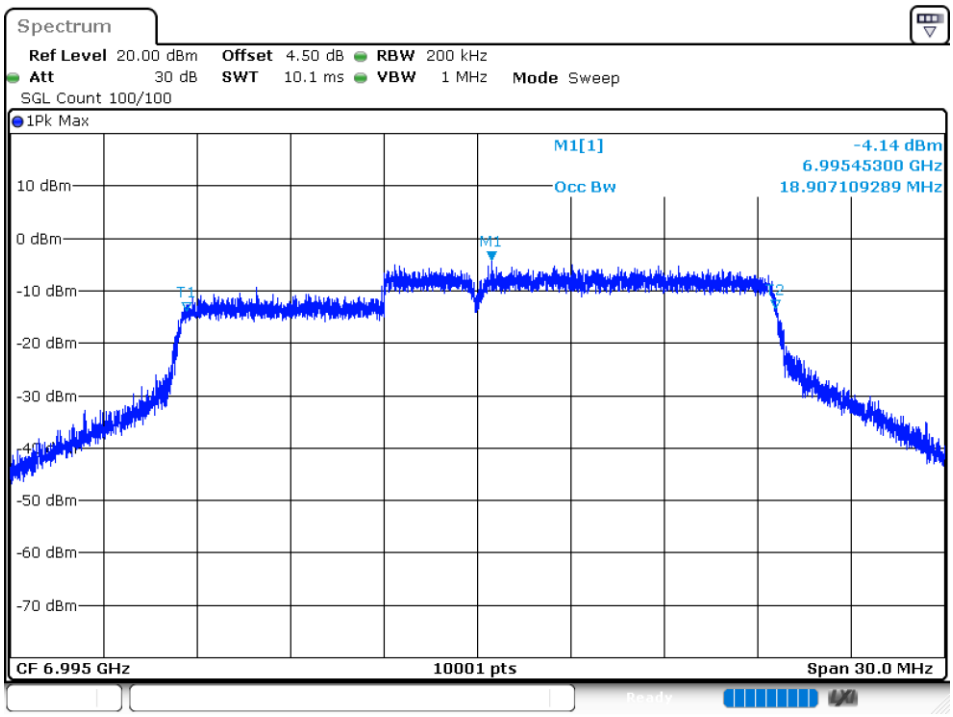

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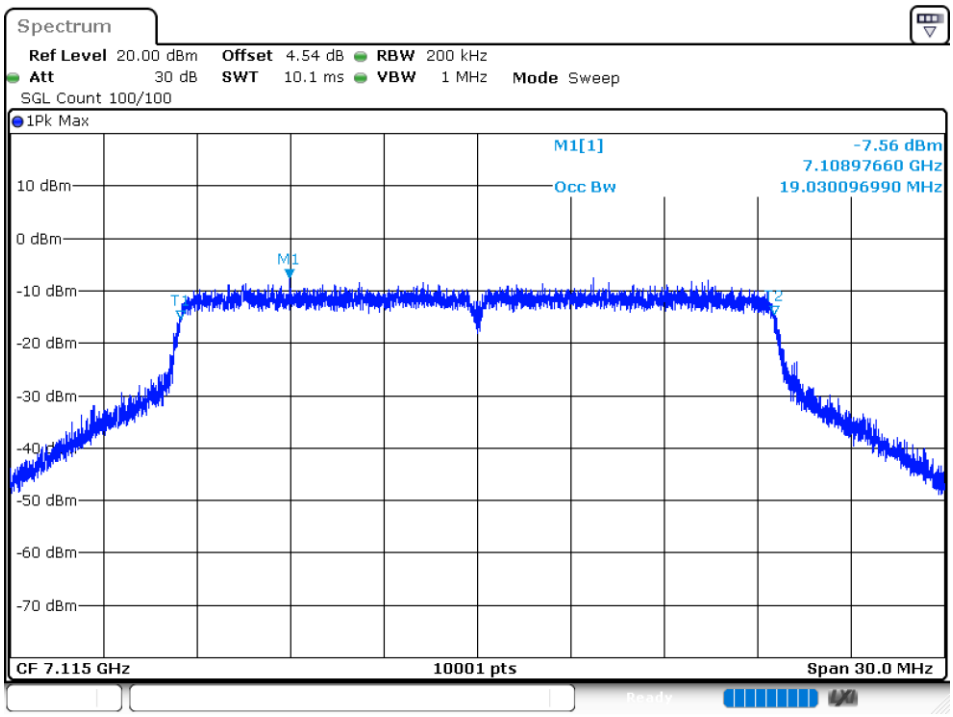
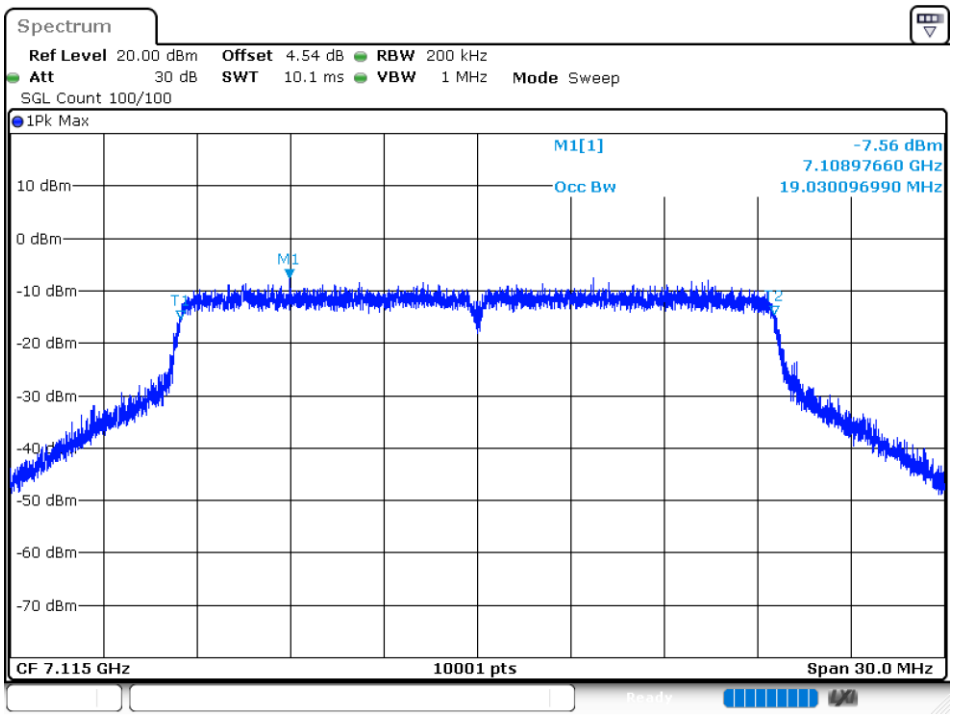
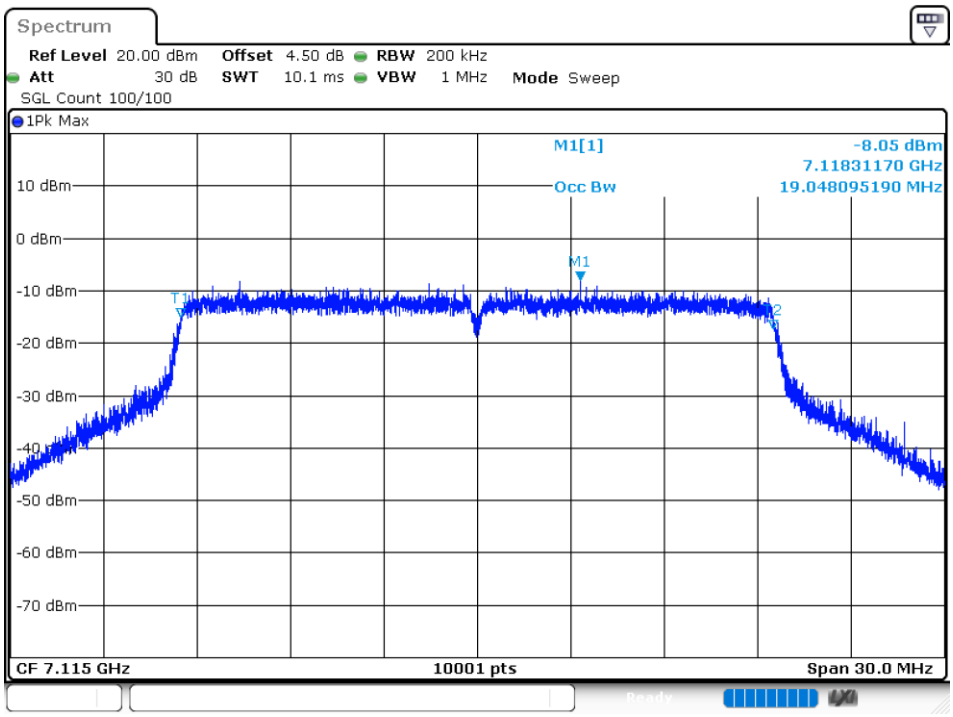


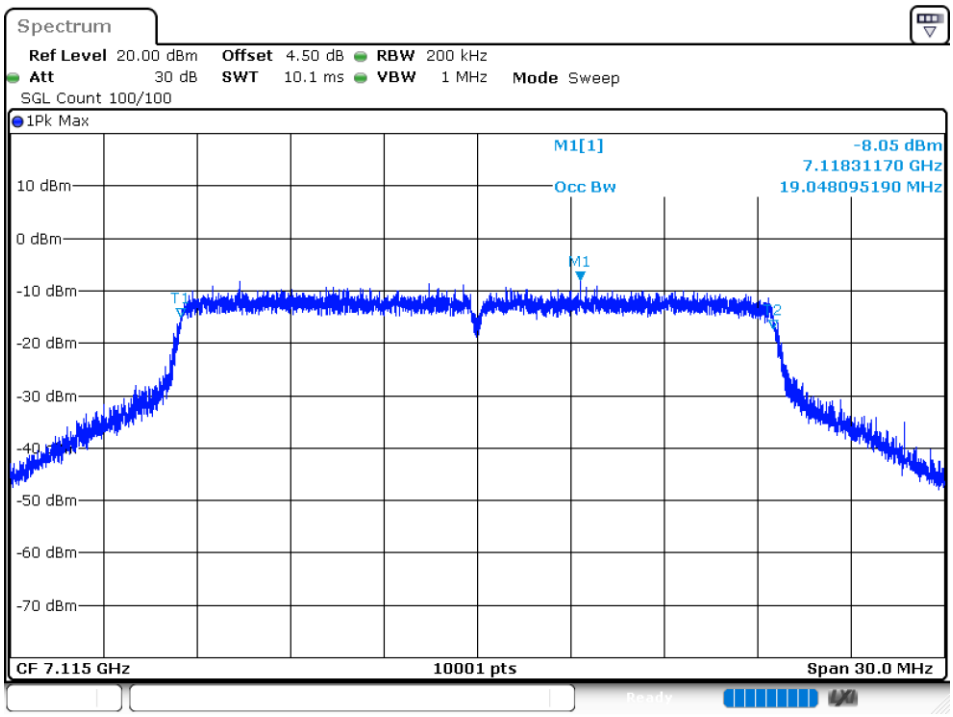
OBW NVNT ax20 7115MHz Ant1



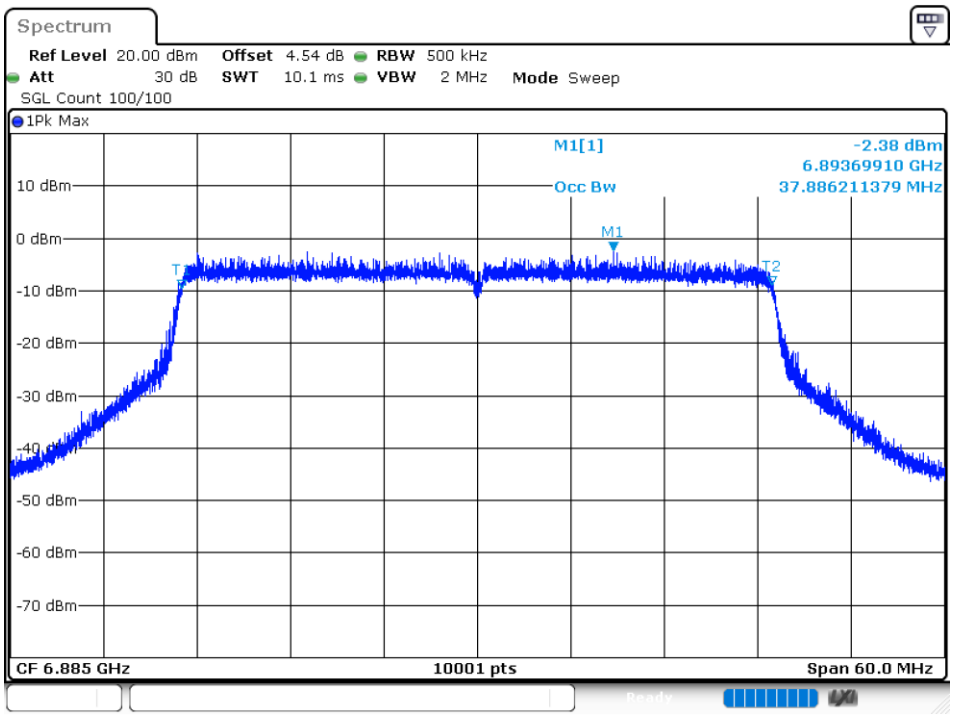
OBW NVNT ax20 7115MHz Ant2



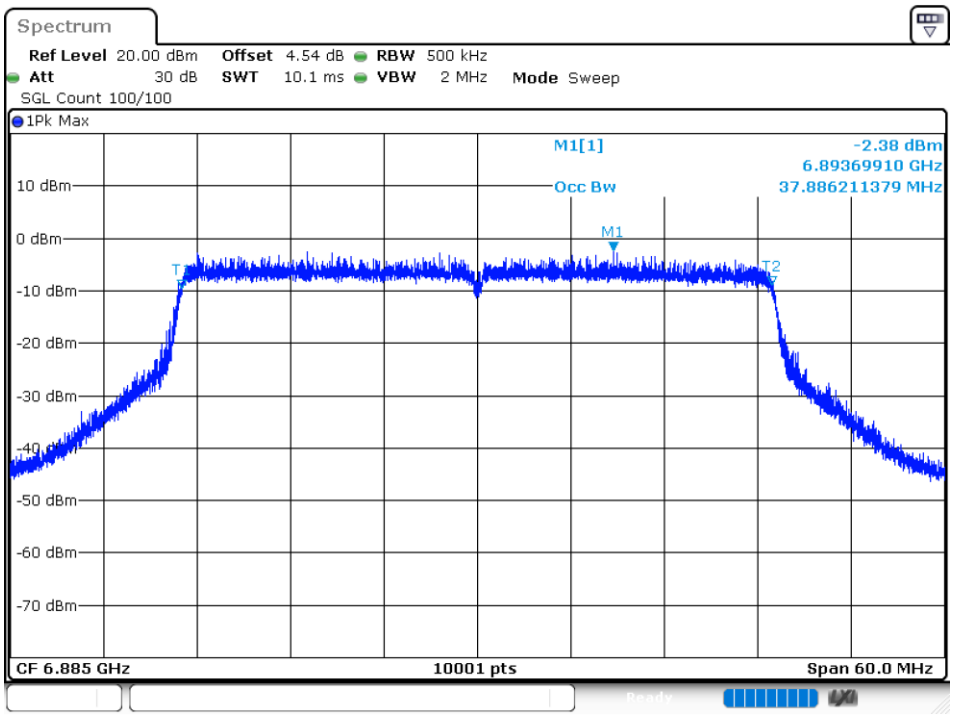
OBW NVNT ax20 7115MHz Ant2



OBW NVNT ax40 6885MHz Ant1



OBW NVNT ax40 6885MHz Ant1



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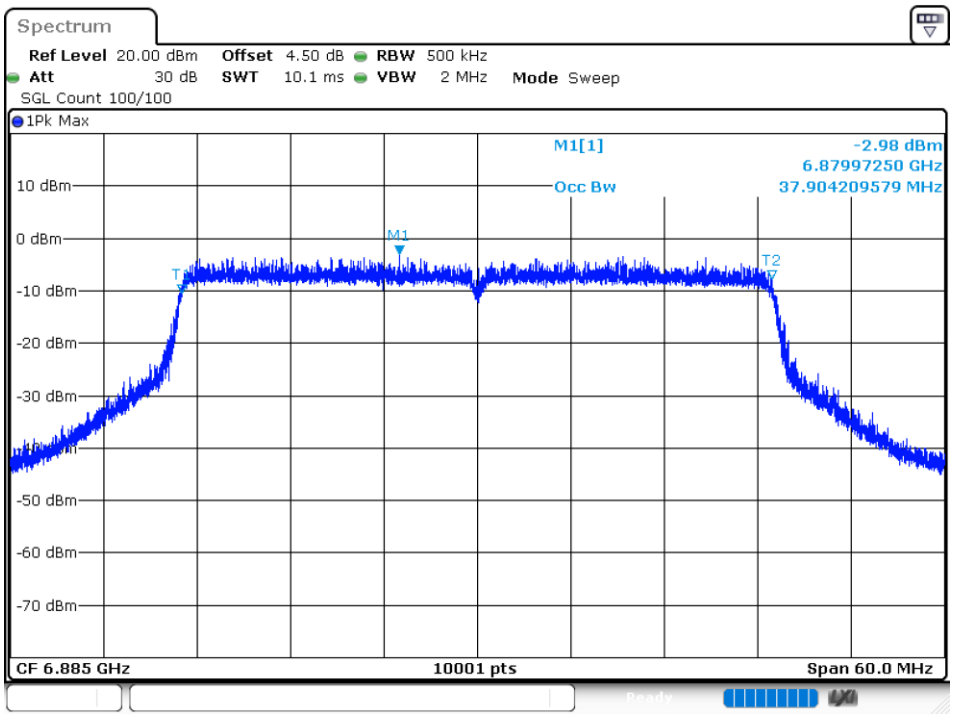

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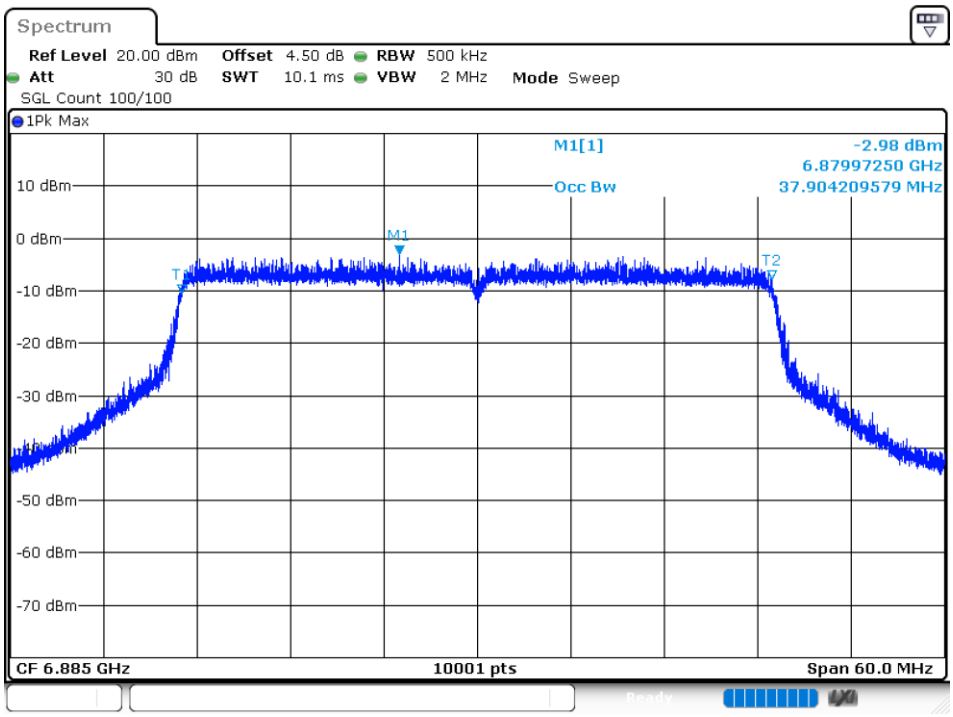
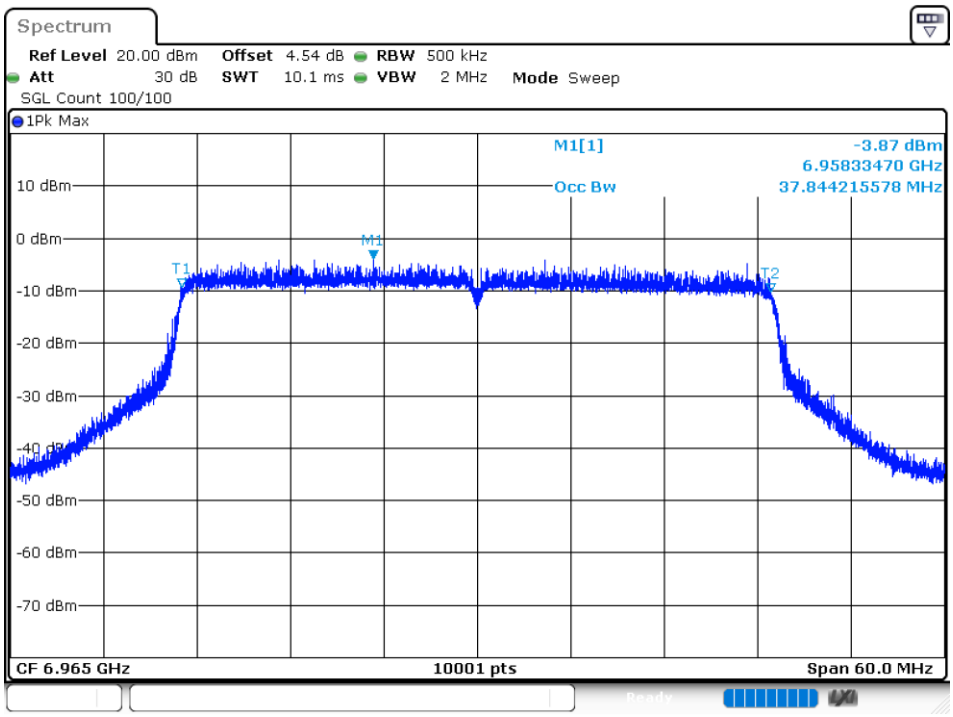
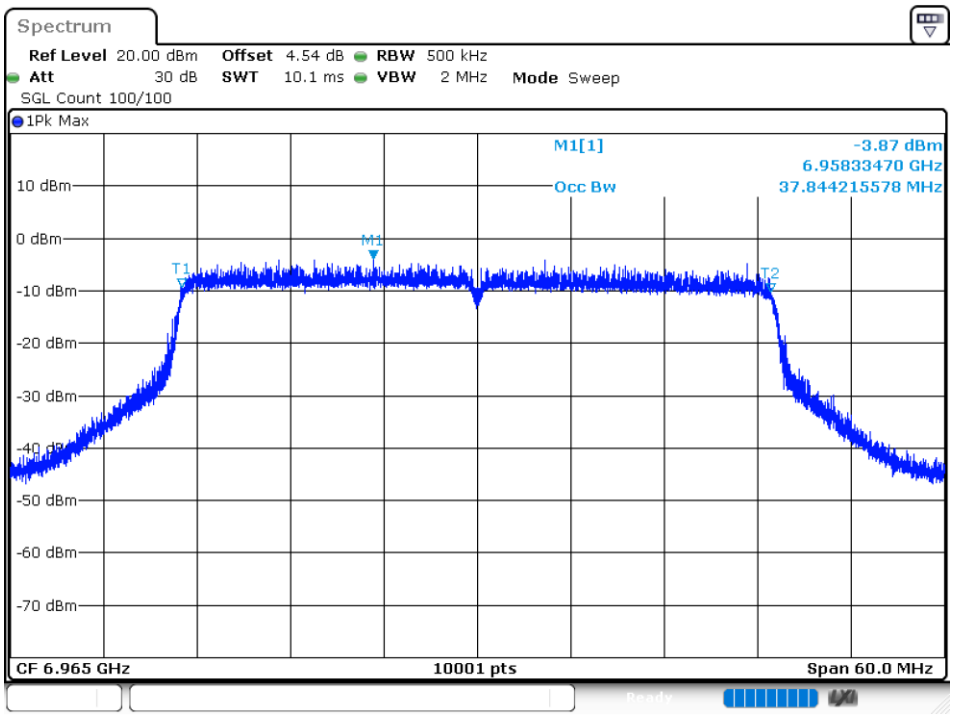


OBW NVNT ax40 6965MHz Ant1



OBW NVNT ax40 6965MHz Ant1



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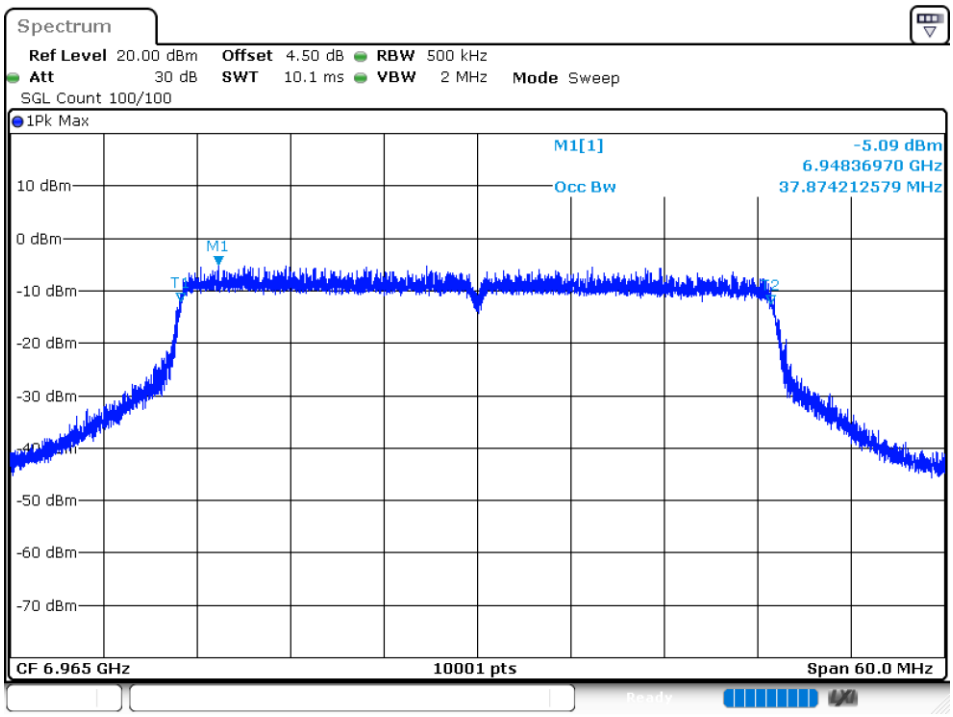
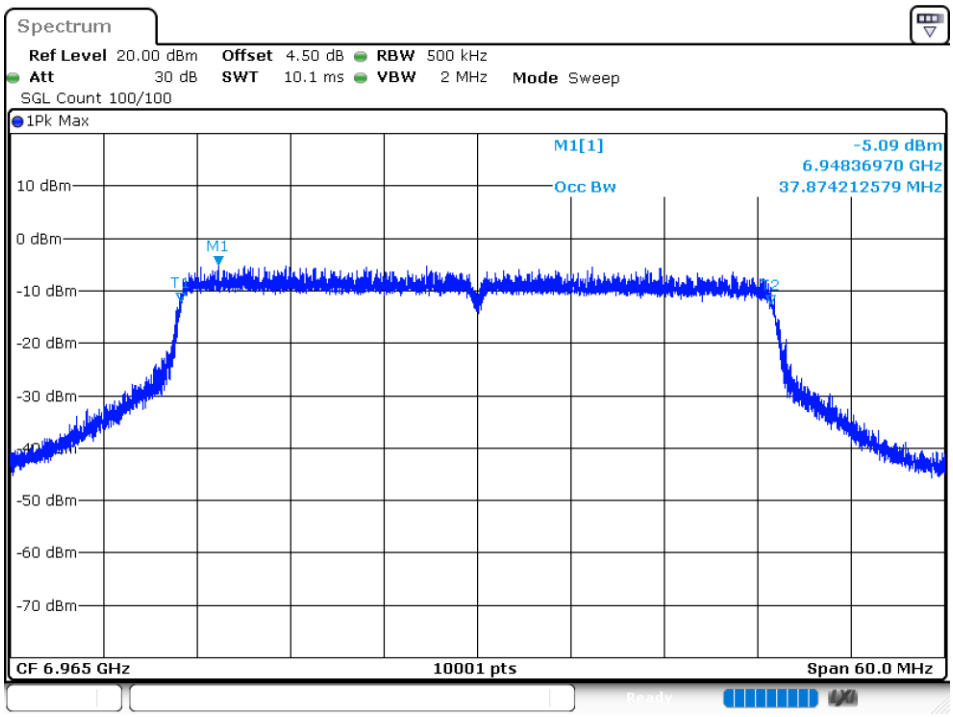
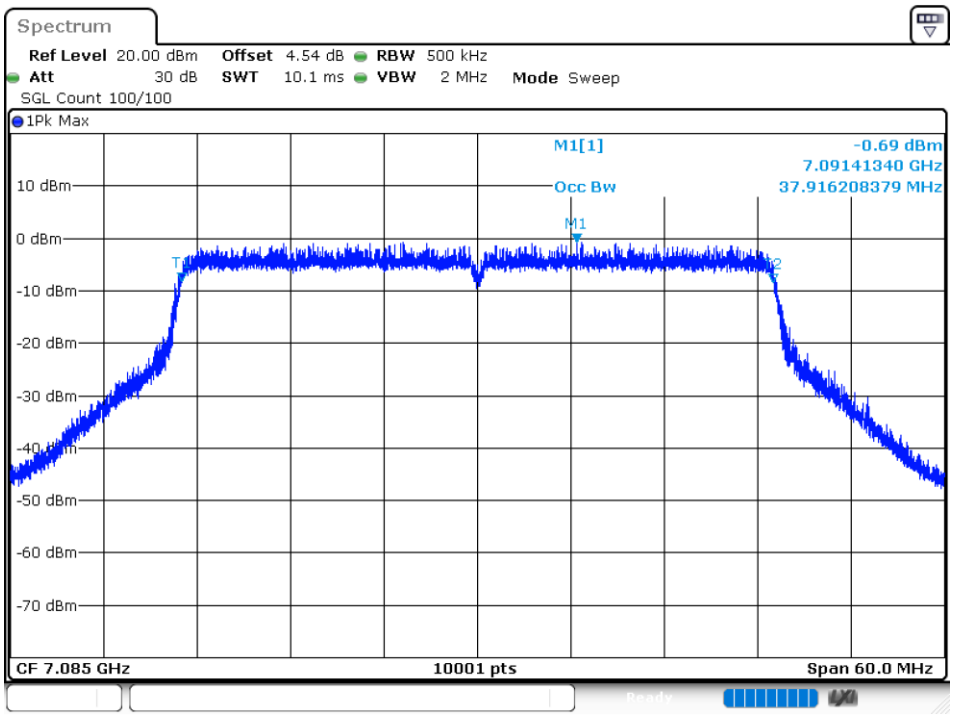


OBW NVNT ax40 6965MHz Ant2



OBW NVNT ax40 7085MHz Ant1



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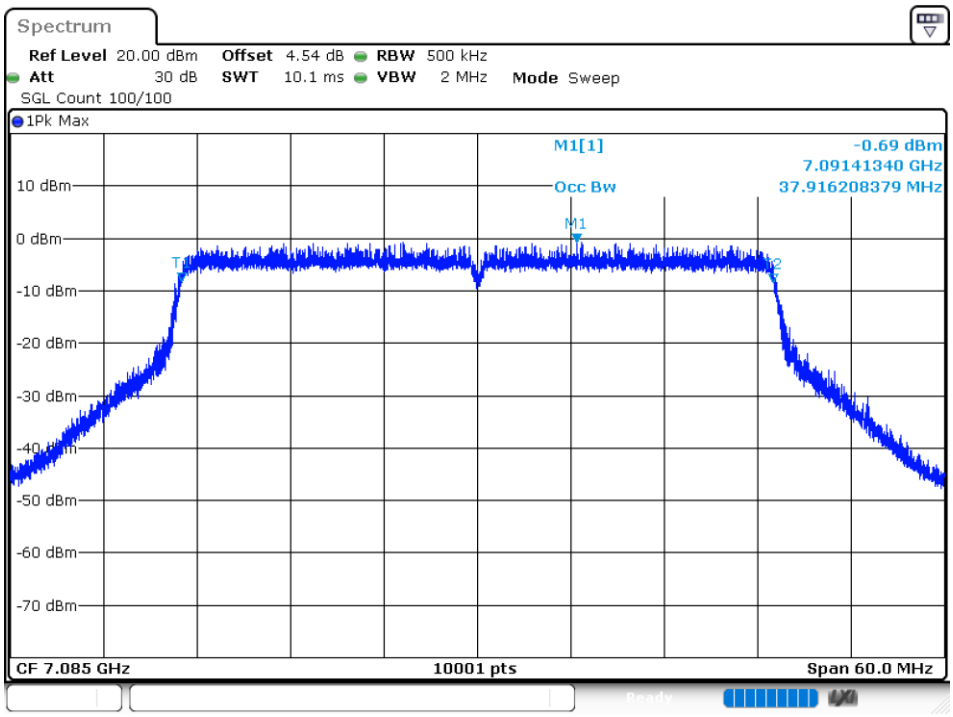
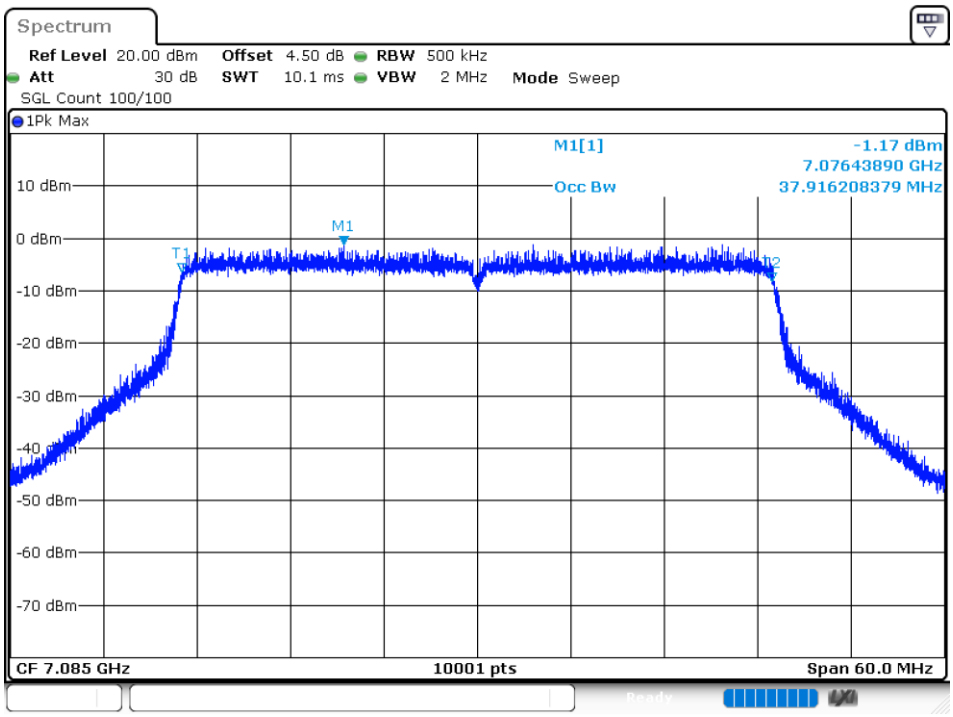


OBW NVNT ax40 7085MHz Ant2



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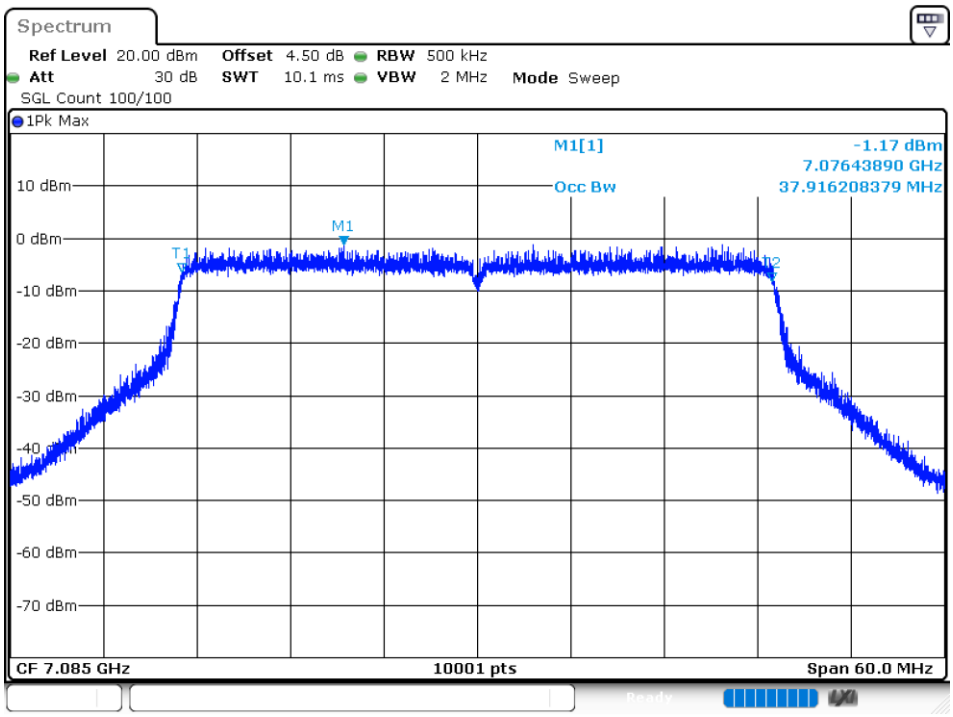
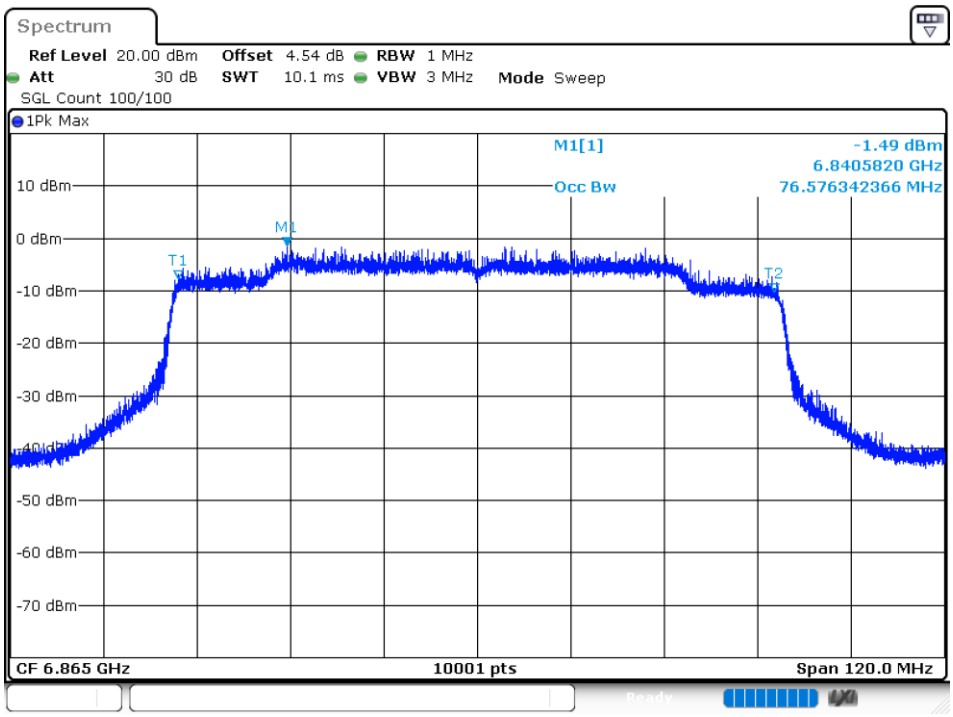
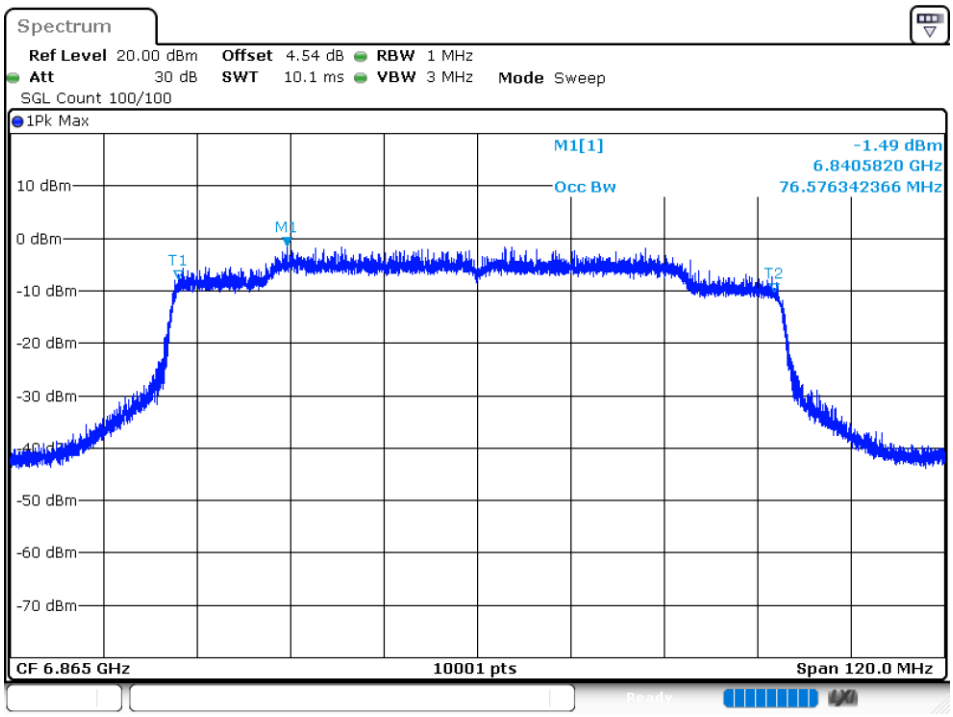


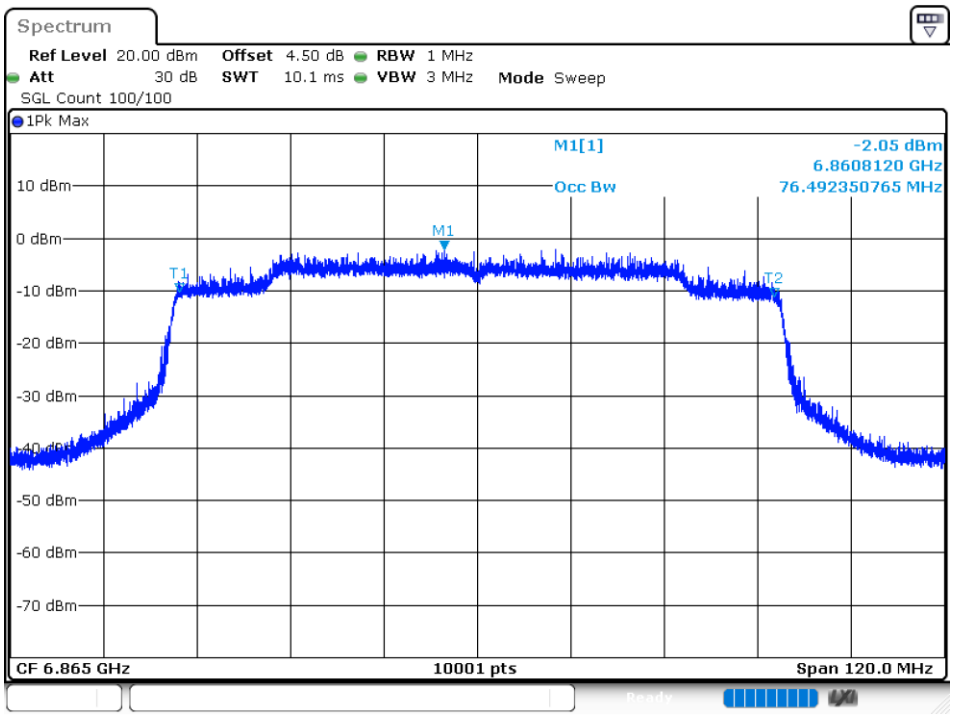
OBW NVNT ax80 6865MHz Ant1



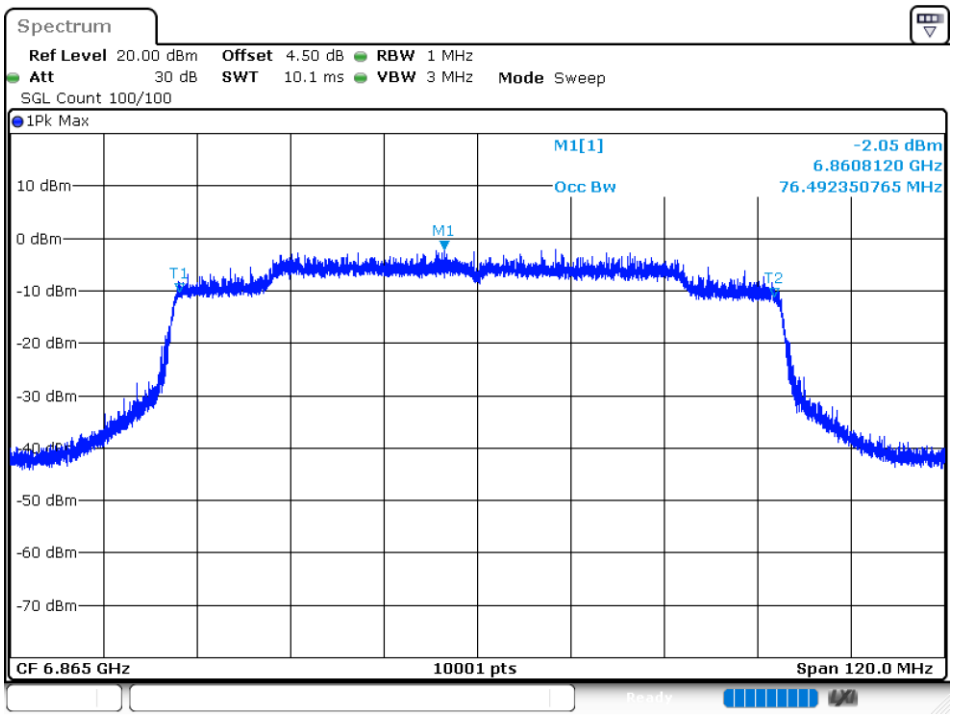
OBW NVNT ax80 6865MHz Ant1



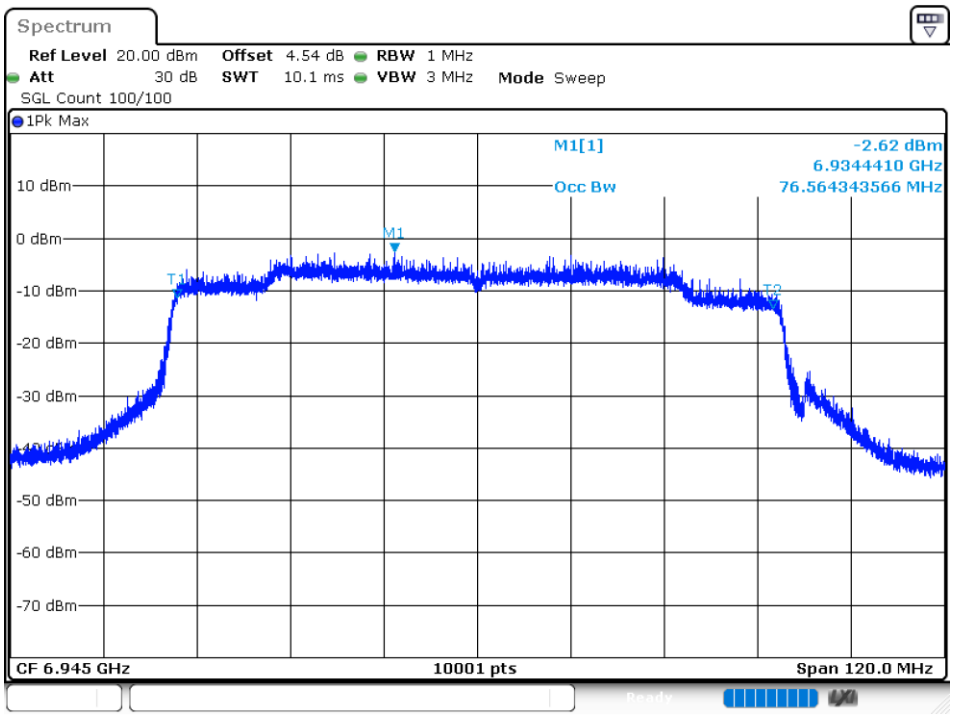
OBW NVNT ax80 6865MHz Ant2



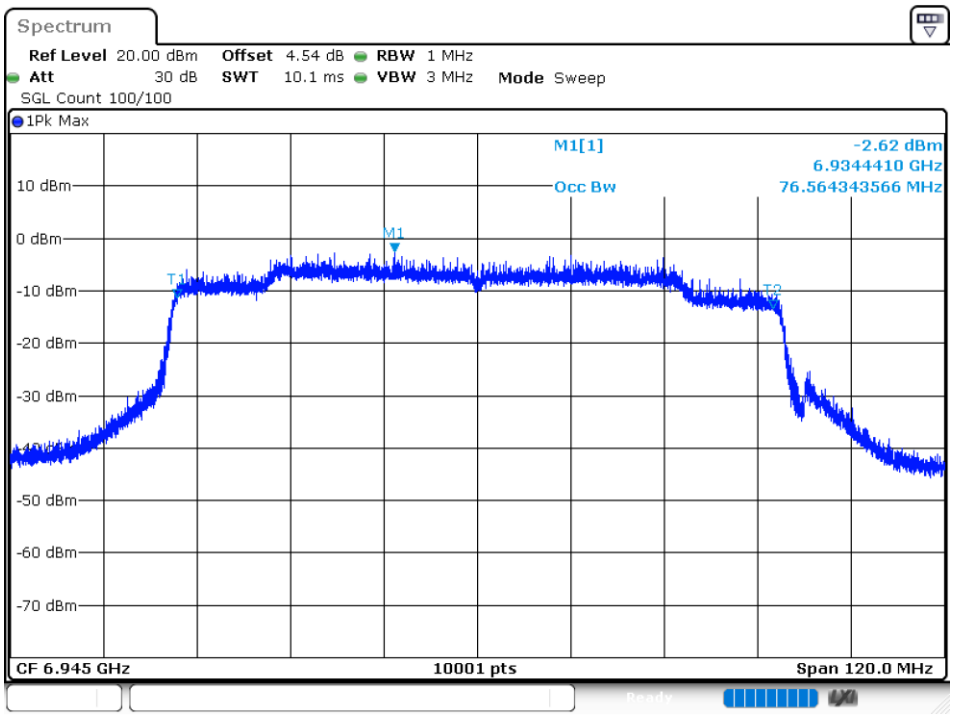
OBW NVNT ax80 6865MHz Ant2



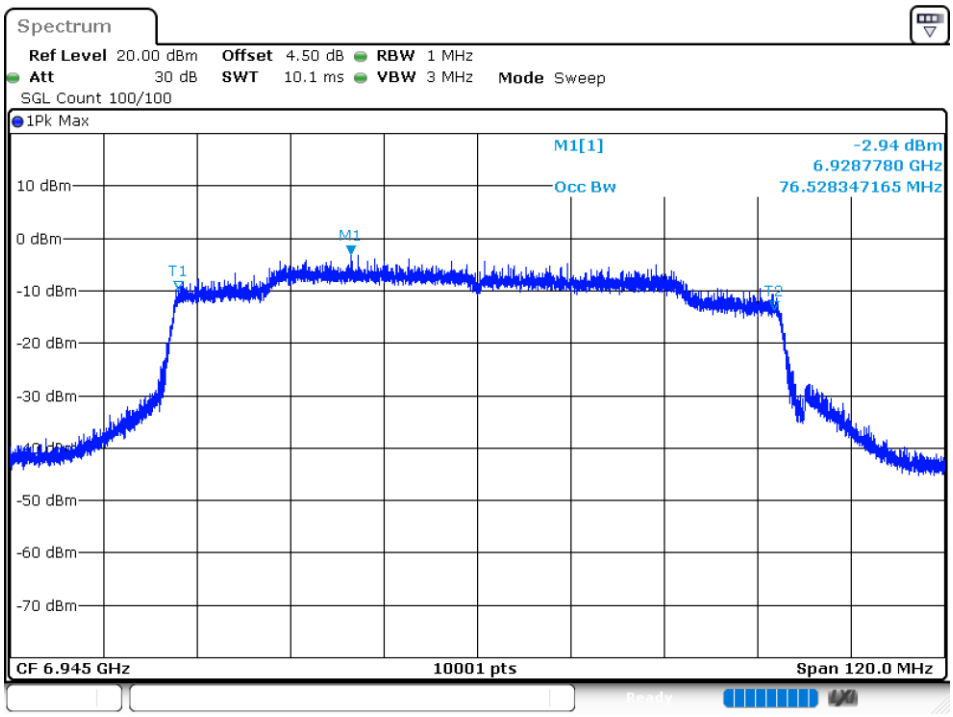
OBW NVNT ax80 6945MHz Ant1



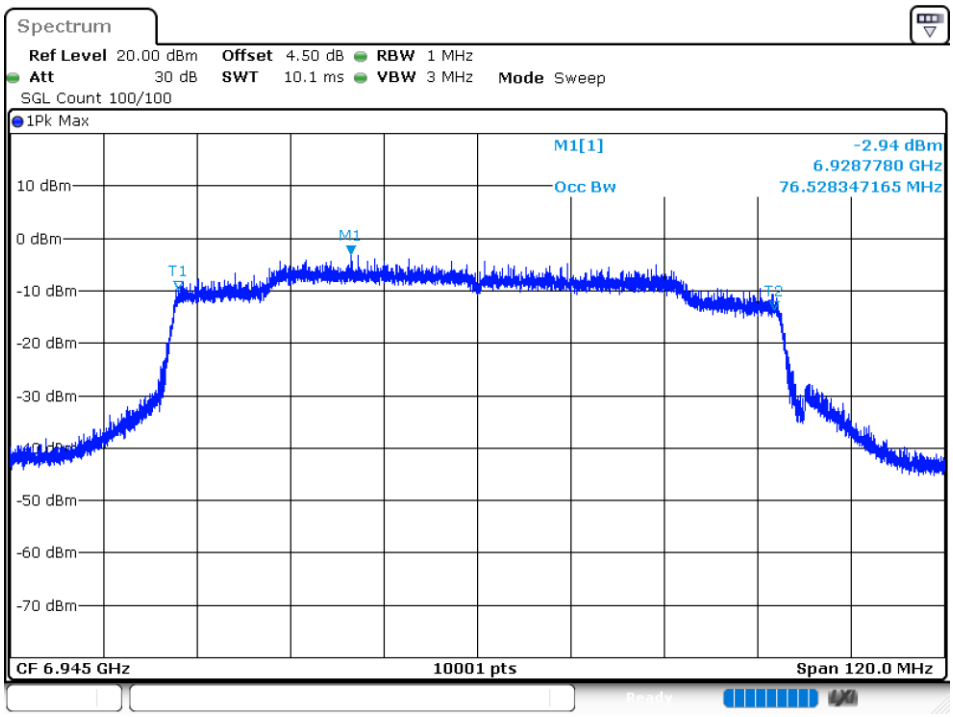
OBW NVNT ax80 6945MHz Ant1



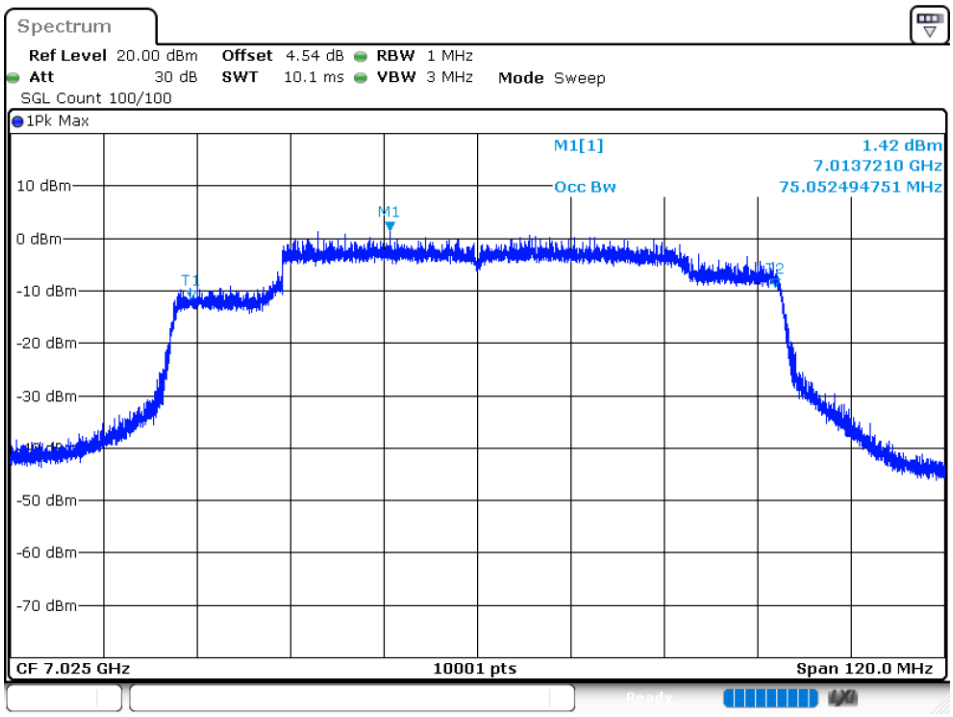
OBW NVNT ax80 6945MHz Ant2



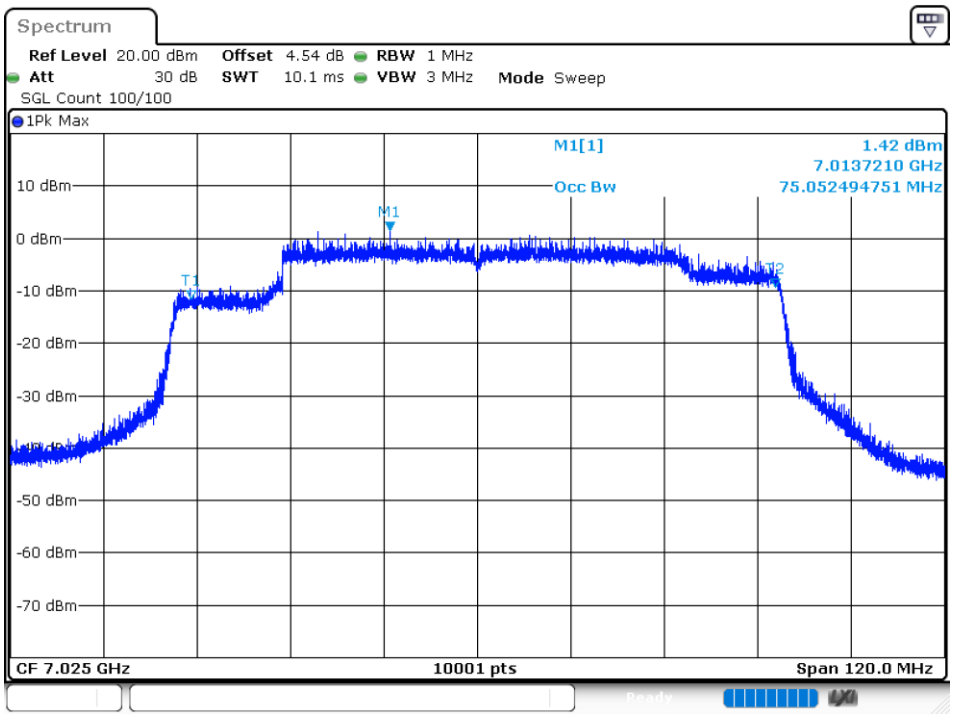
OBW NVNT ax80 6945MHz Ant2



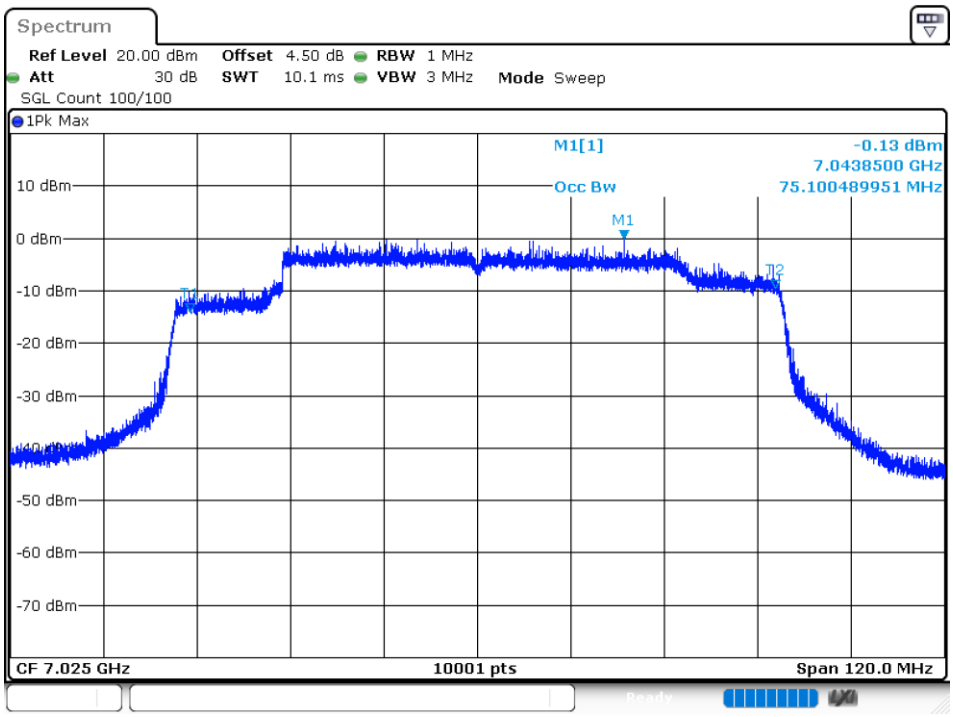
OBW NVNT ax80 7025MHz Ant1



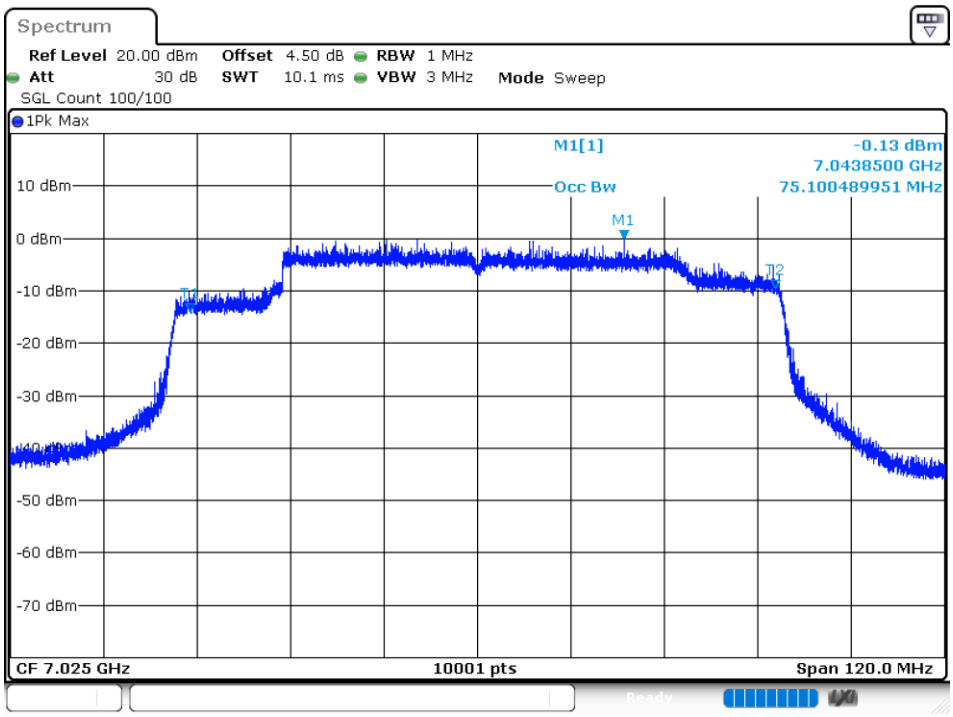
OBW NVNT ax80 7025MHz Ant1



OBW NVNT ax80 7025MHz Ant2



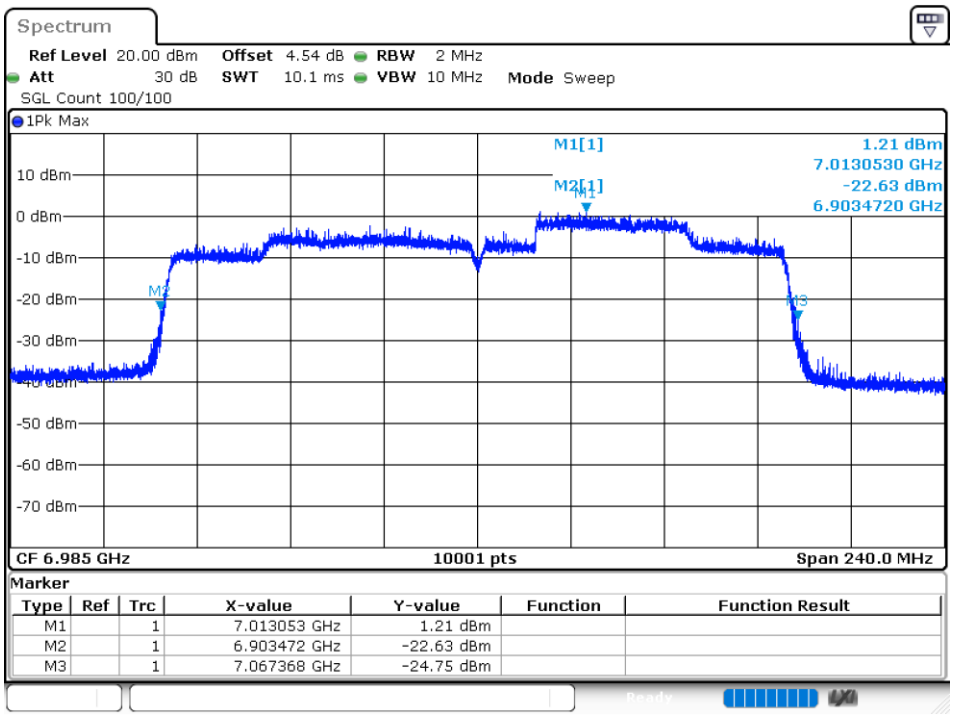
OBW NVNT ax80 7025MHz Ant2



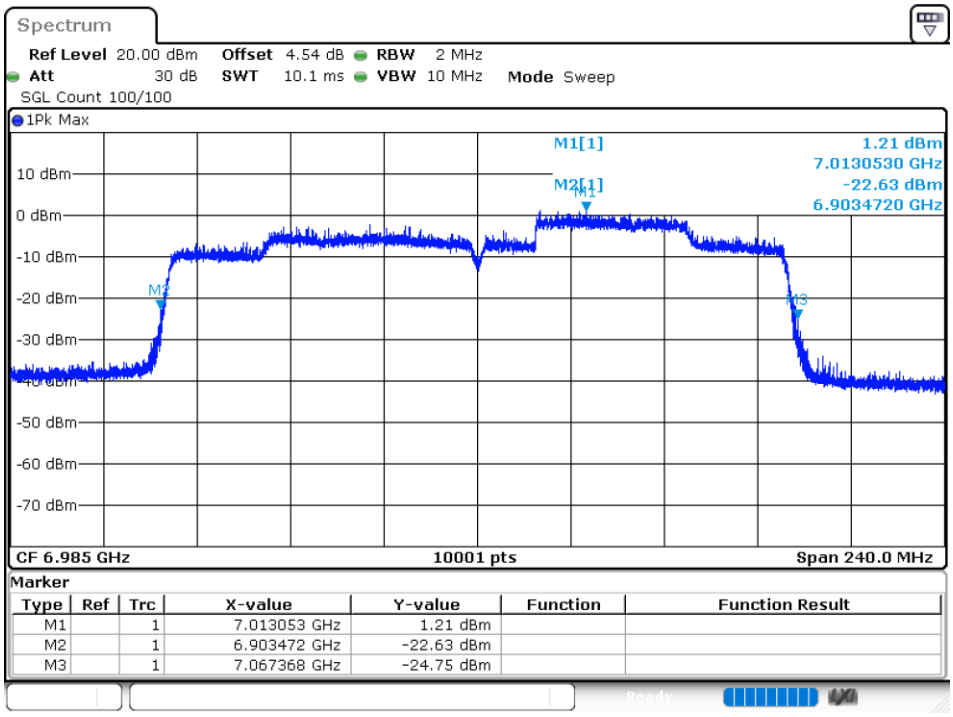
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6985	Ant1	163.896	Pass
NVNT	ax160	6985	Ant2	163.704	Pass
NVNT	ax20	6875	Ant1	25.539	Pass
NVNT	ax20	6875	Ant2	26.214	Pass
NVNT	ax20	6995	Ant1	24.108	Pass
NVNT	ax20	6995	Ant2	23.724	Pass
NVNT	ax20	7115	Ant1	25.548	Pass
NVNT	ax20	7115	Ant2	24.486	Pass
NVNT	ax40	6885	Ant1	45.432	Pass
NVNT	ax40	6885	Ant2	45.654	Pass
NVNT	ax40	6965	Ant1	44.466	Pass
NVNT	ax40	6965	Ant2	46.17	Pass
NVNT	ax40	7085	Ant1	45.198	Pass
NVNT	ax40	7085	Ant2	45.156	Pass
NVNT	ax80	6865	Ant1	84.324	Pass
NVNT	ax80	6865	Ant2	82.152	Pass
NVNT	ax80	6945	Ant1	85.98	Pass
NVNT	ax80	6945	Ant2	87.48	Pass
NVNT	ax80	7025	Ant1	81.444	Pass
NVNT	ax80	7025	Ant2	81.54	Pass

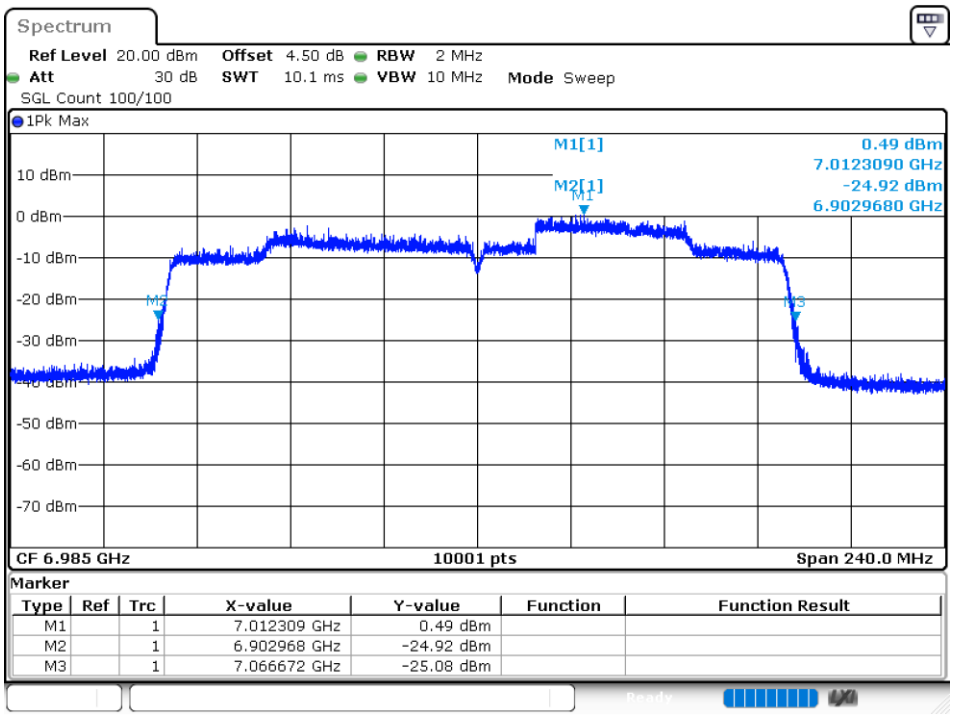
Test Graphs
-26dB Bandwidth NVNT ax160 6985MHz Ant1



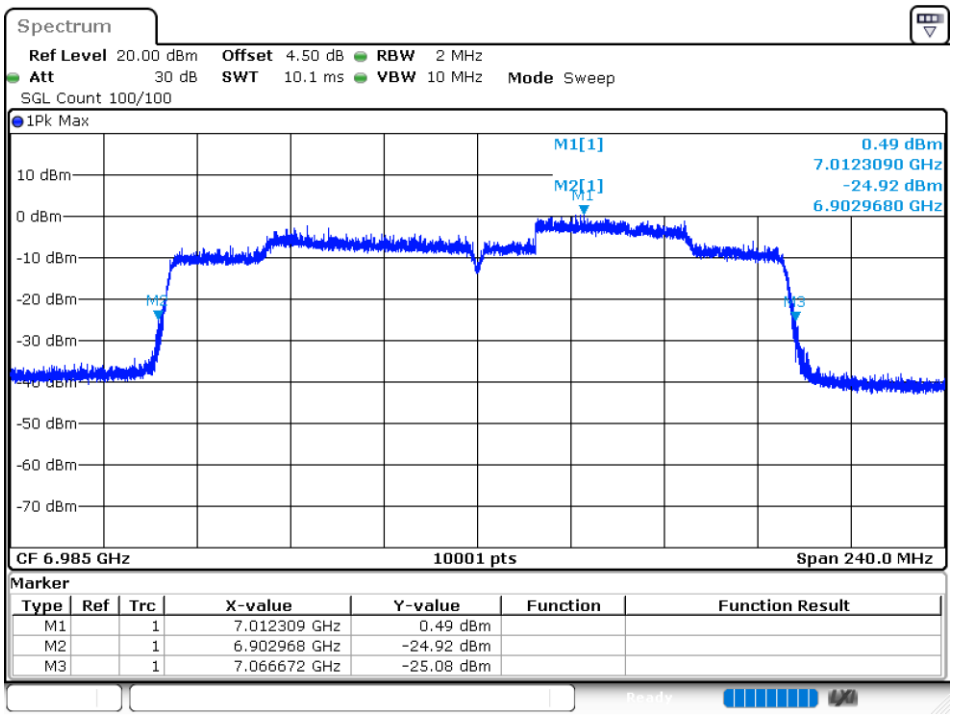
-26dB Bandwidth NVNT ax160 6985MHz Ant1



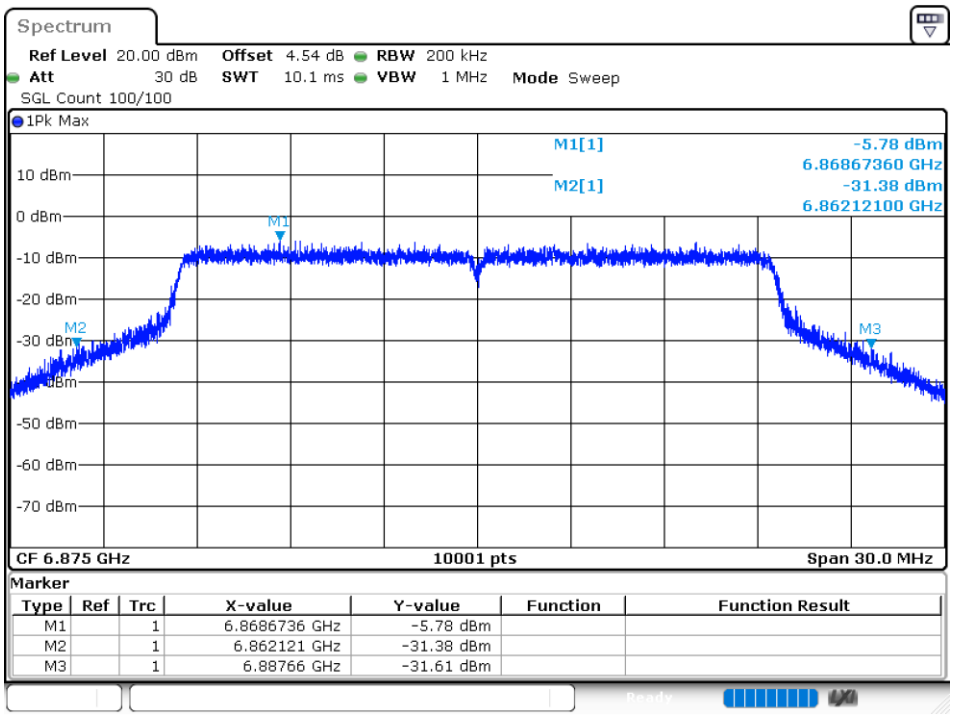
-26dB Bandwidth NVNT ax160 6985MHz Ant2



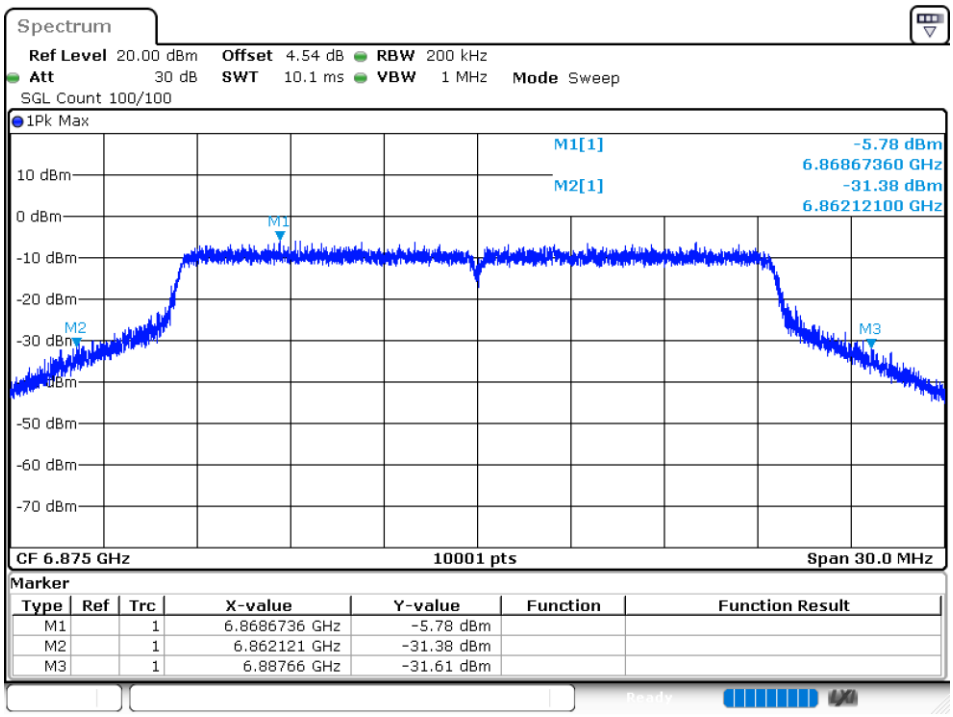
-26dB Bandwidth NVNT ax160 6985MHz Ant2



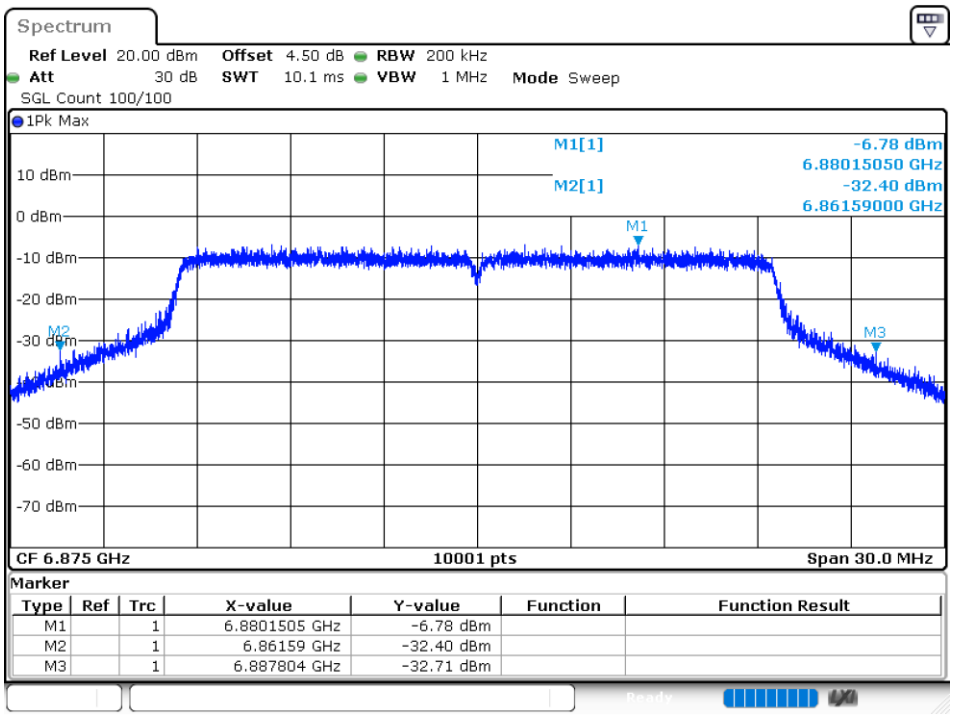
-26dB Bandwidth NVNT ax20 6875MHz Ant1



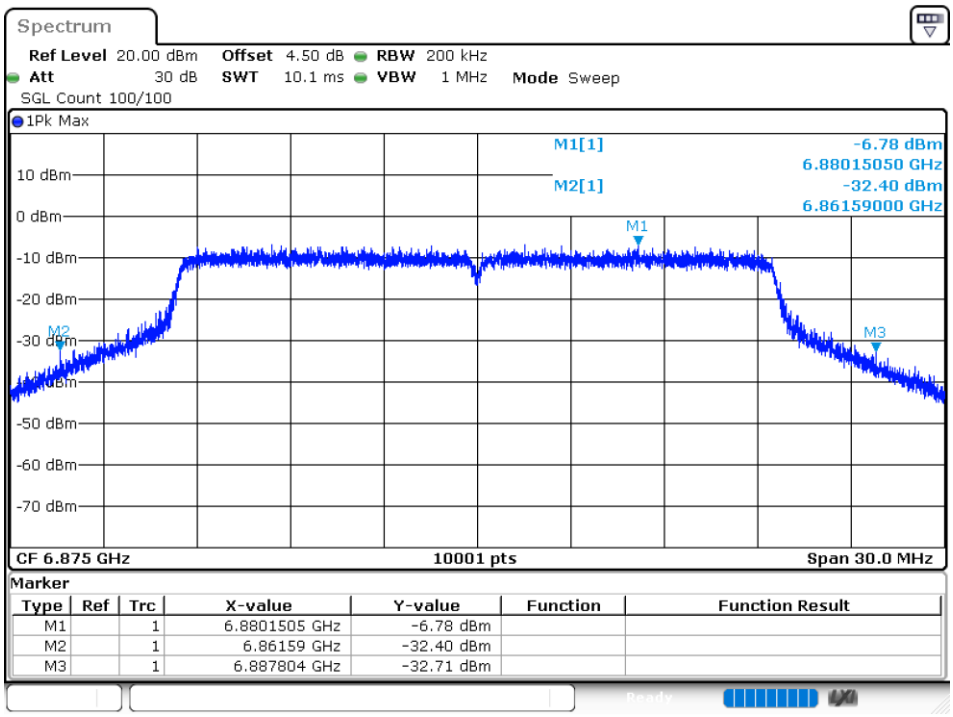
-26dB Bandwidth NVNT ax20 6875MHz Ant1



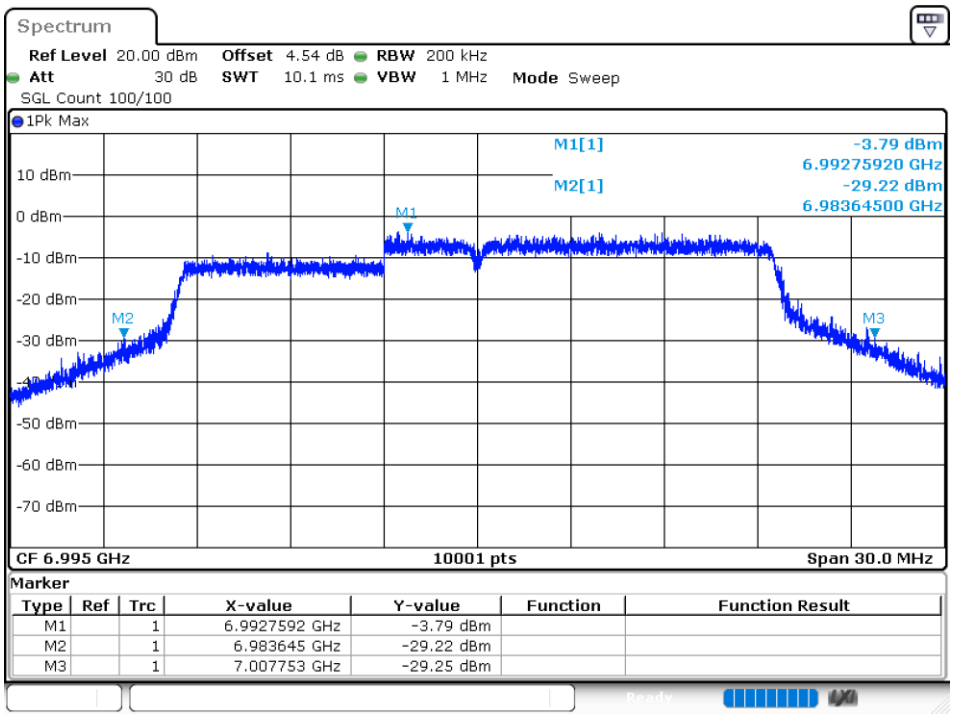
-26dB Bandwidth NVNT ax20 6875MHz Ant2



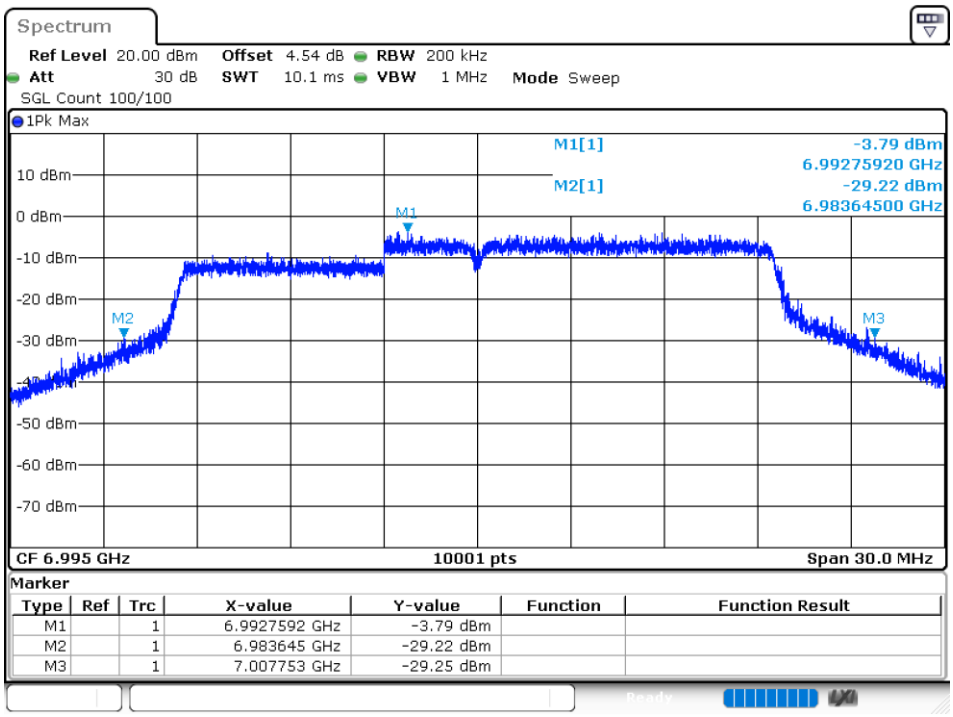
-26dB Bandwidth NVNT ax20 6875MHz Ant2



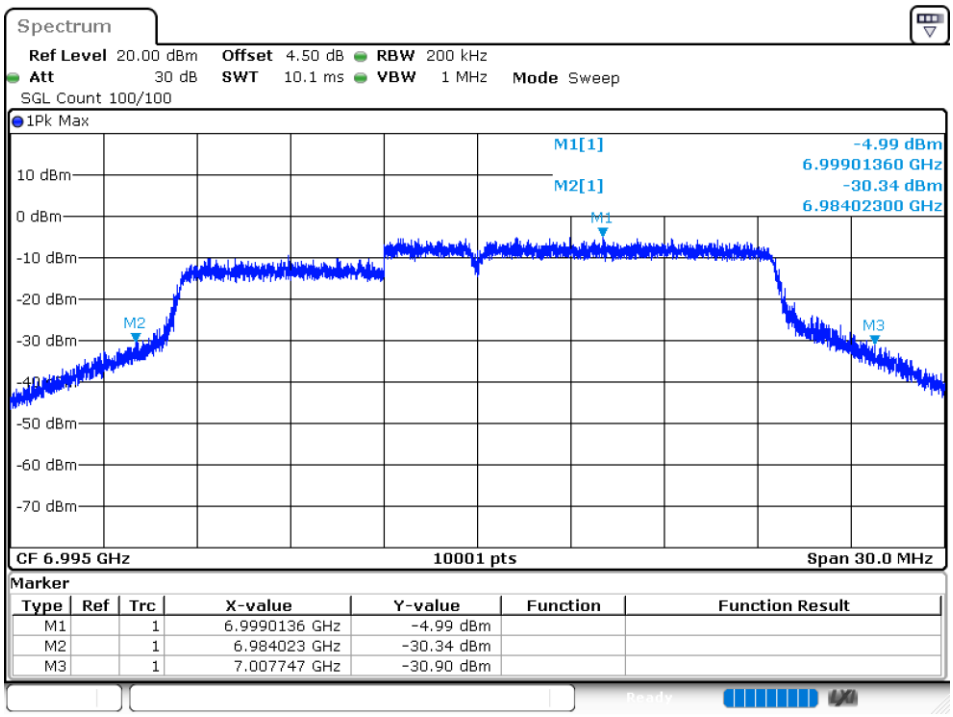
-26dB Bandwidth NVNT ax20 6995MHz Ant1



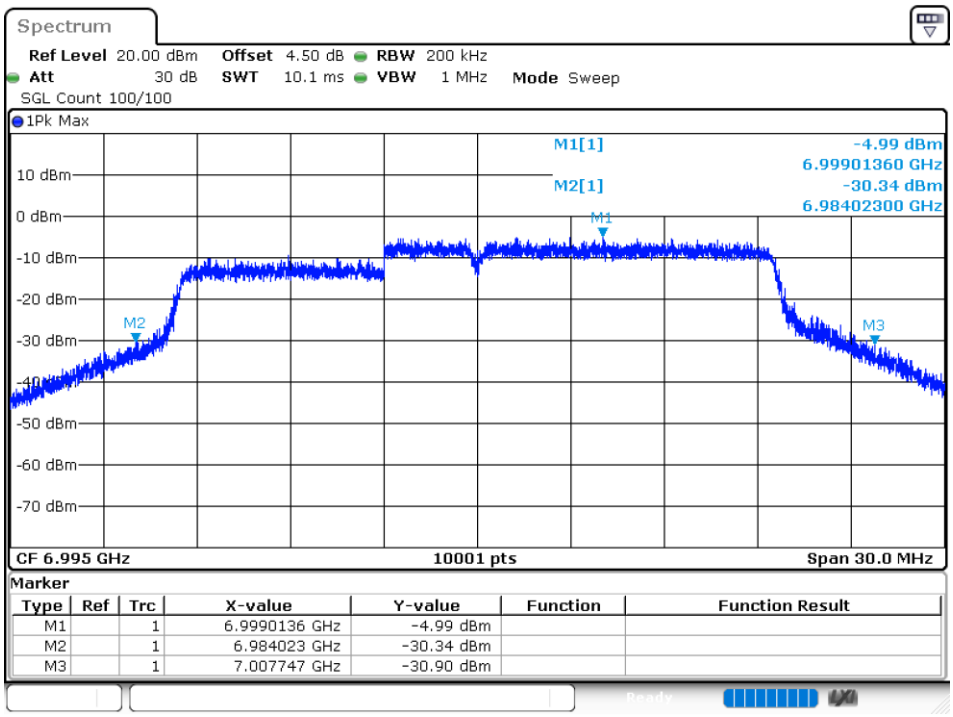
-26dB Bandwidth NVNT ax20 6995MHz Ant1



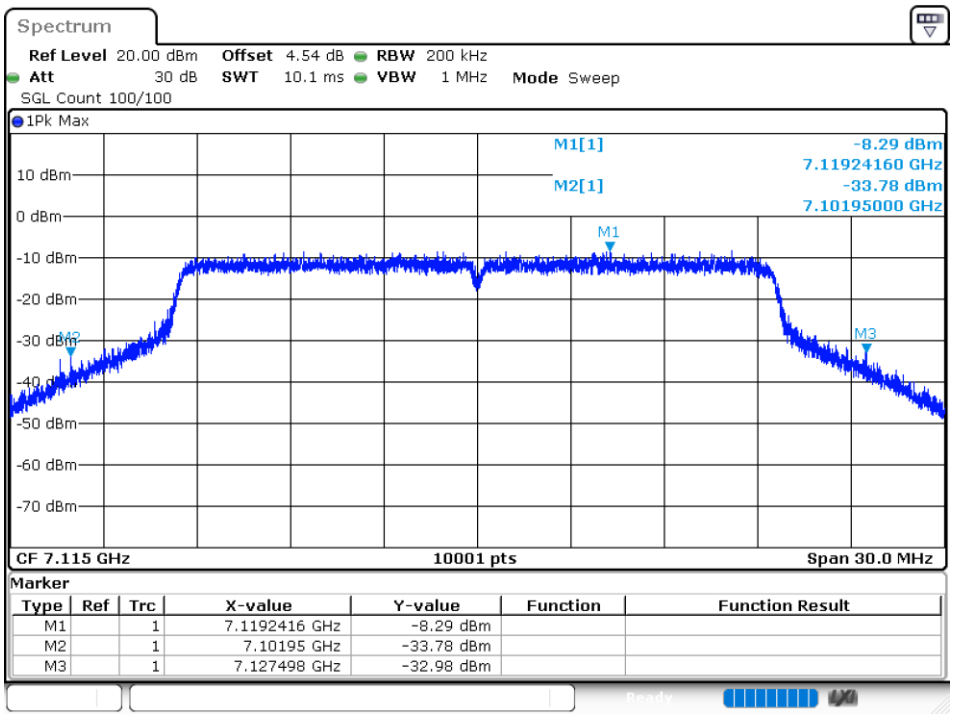
-26dB Bandwidth NVNT ax20 6995MHz Ant2



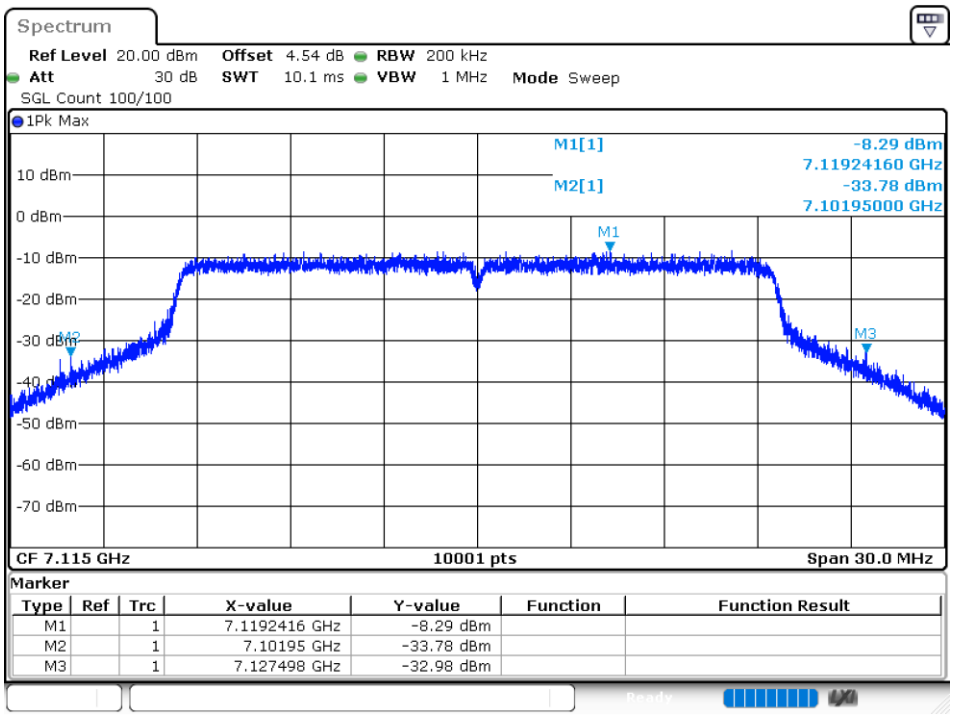
-26dB Bandwidth NVNT ax20 6995MHz Ant2



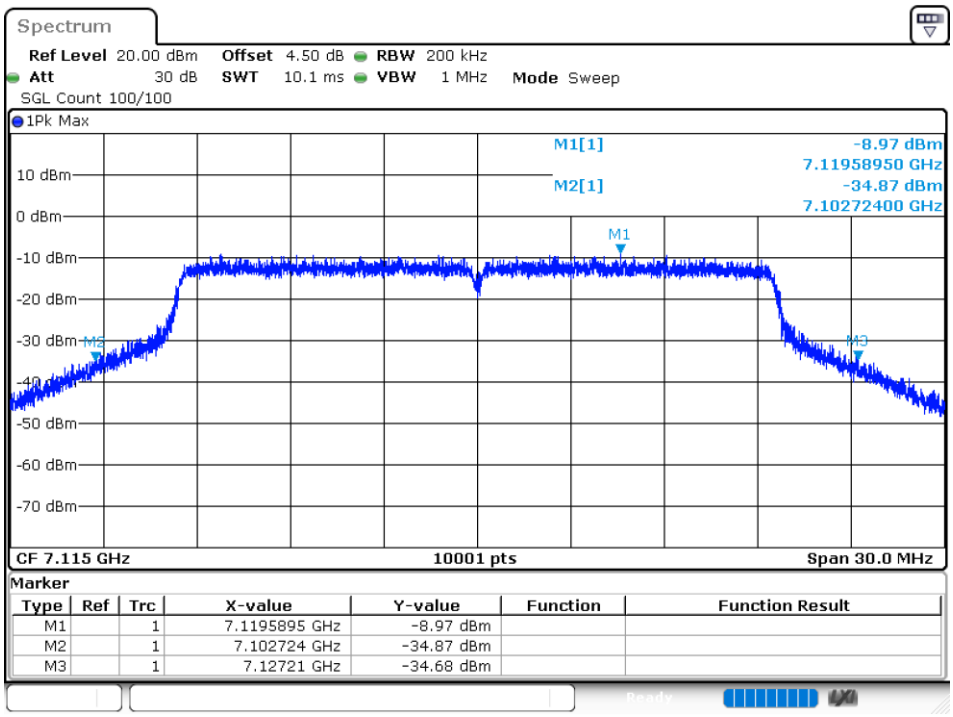
-26dB Bandwidth NVNT ax20 7115MHz Ant1



-26dB Bandwidth NVNT ax20 7115MHz Ant1



-26dB Bandwidth NVNT ax20 7115MHz Ant2



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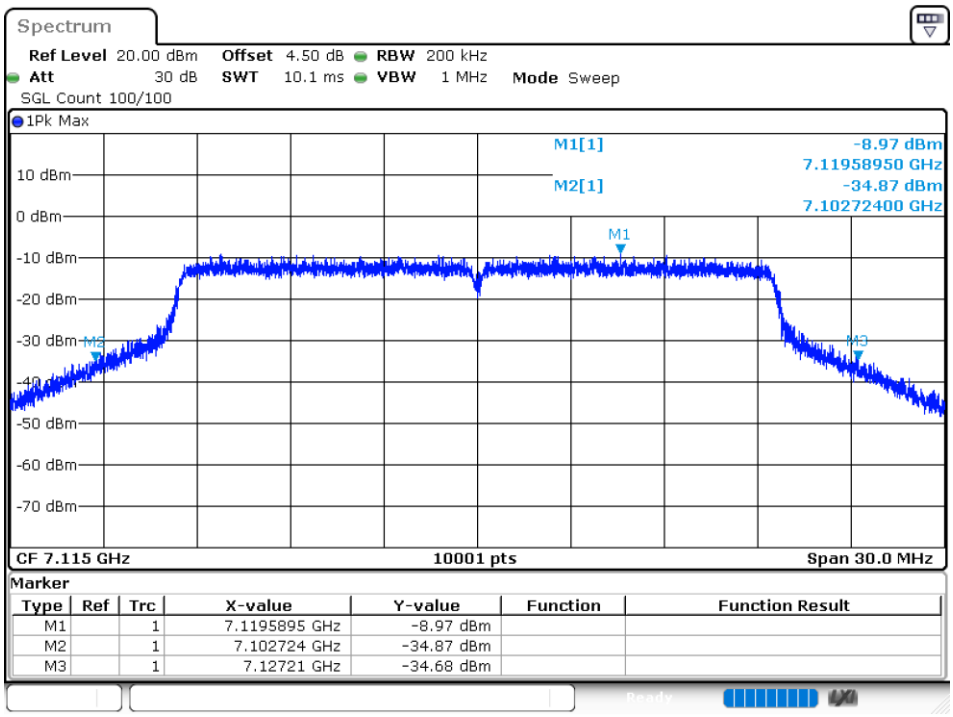
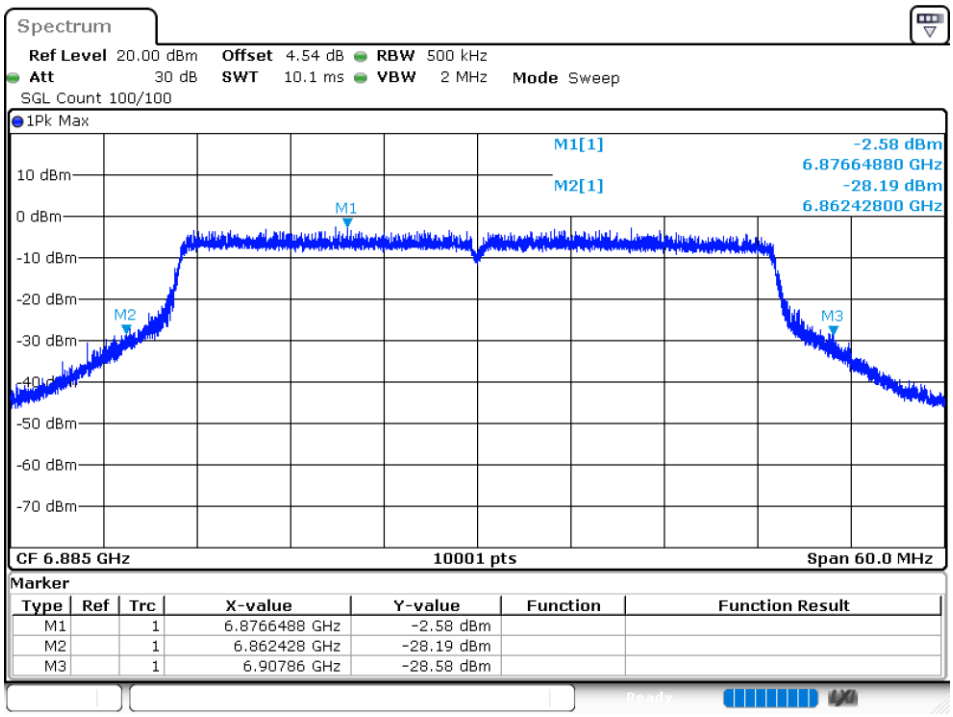
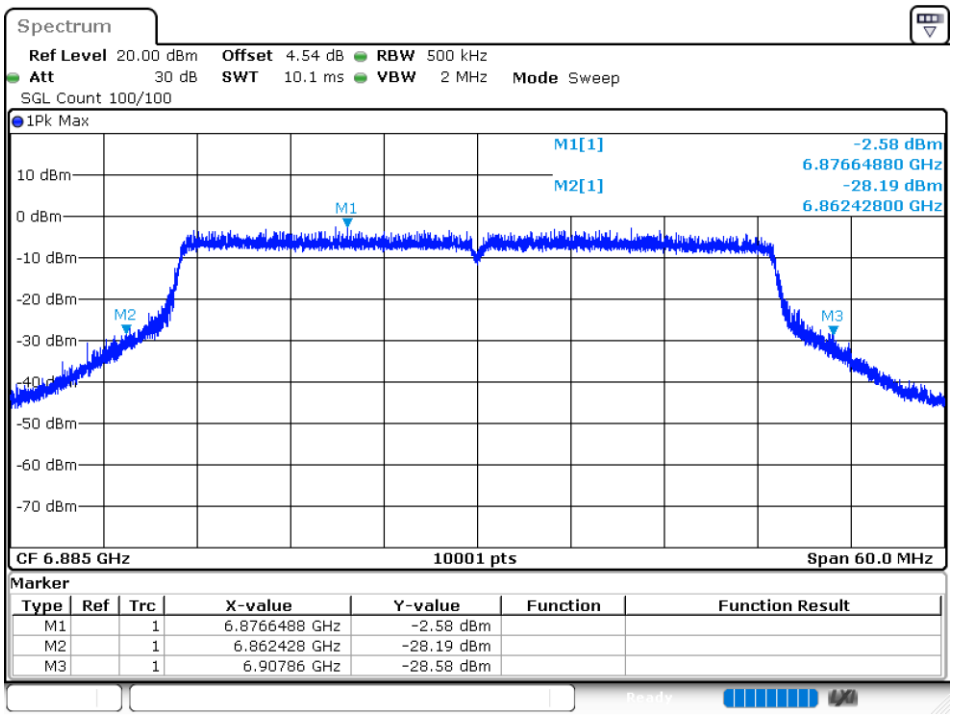


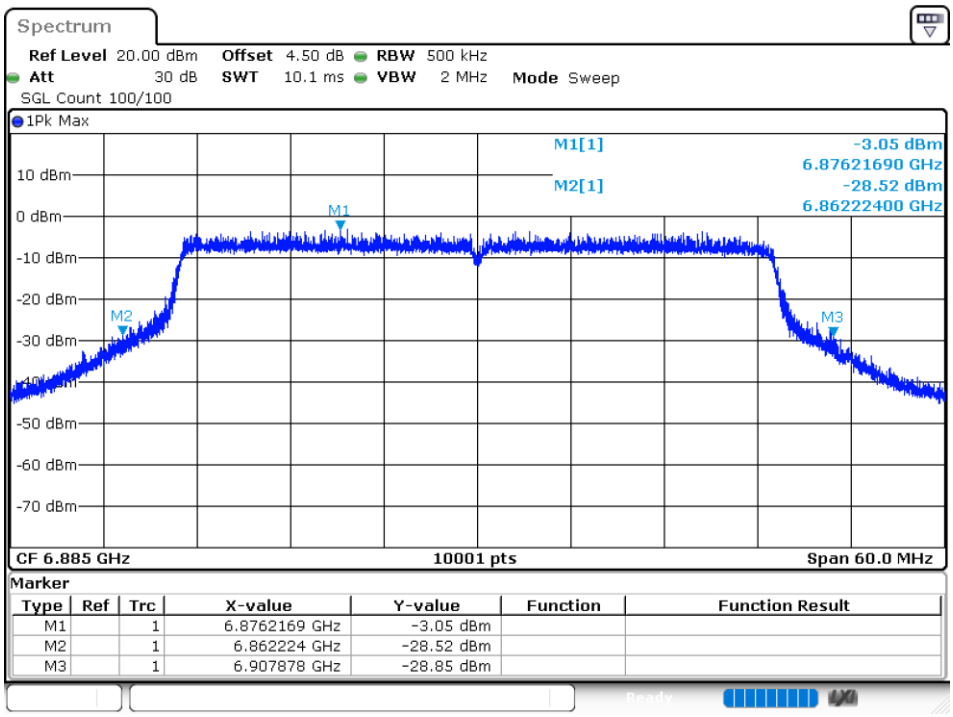
-26dB Bandwidth NVNT ax40 6885MHz Ant1



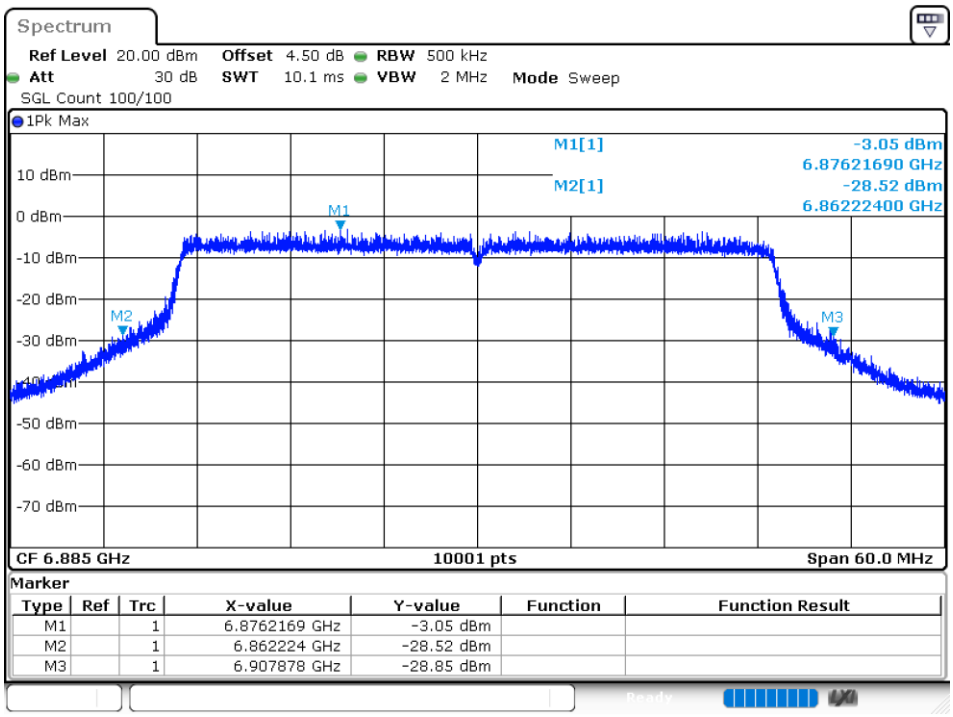
-26dB Bandwidth NVNT ax40 6885MHz Ant1



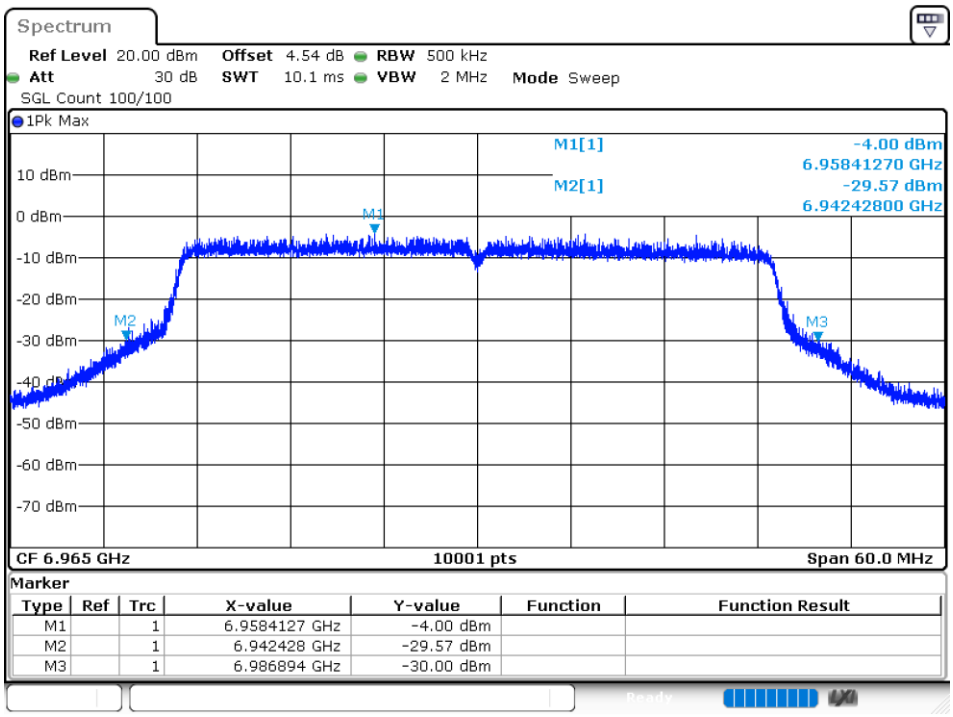
-26dB Bandwidth NVNT ax40 6885MHz Ant2



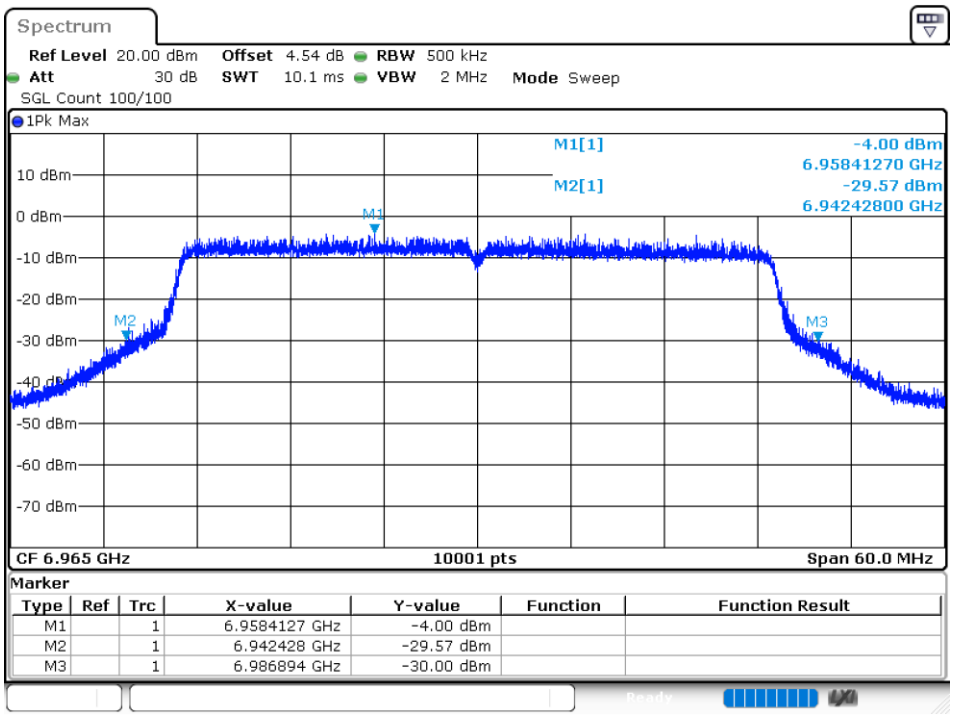
-26dB Bandwidth NVNT ax40 6885MHz Ant2



-26dB Bandwidth NVNT ax40 6965MHz Ant1



-26dB Bandwidth NVNT ax40 6965MHz Ant1



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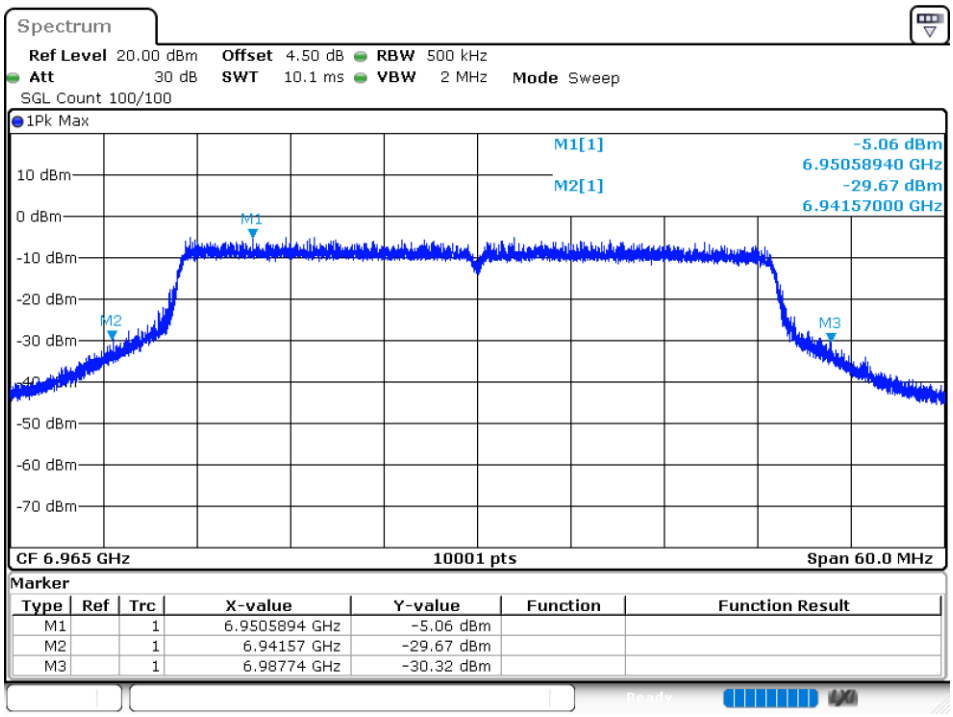

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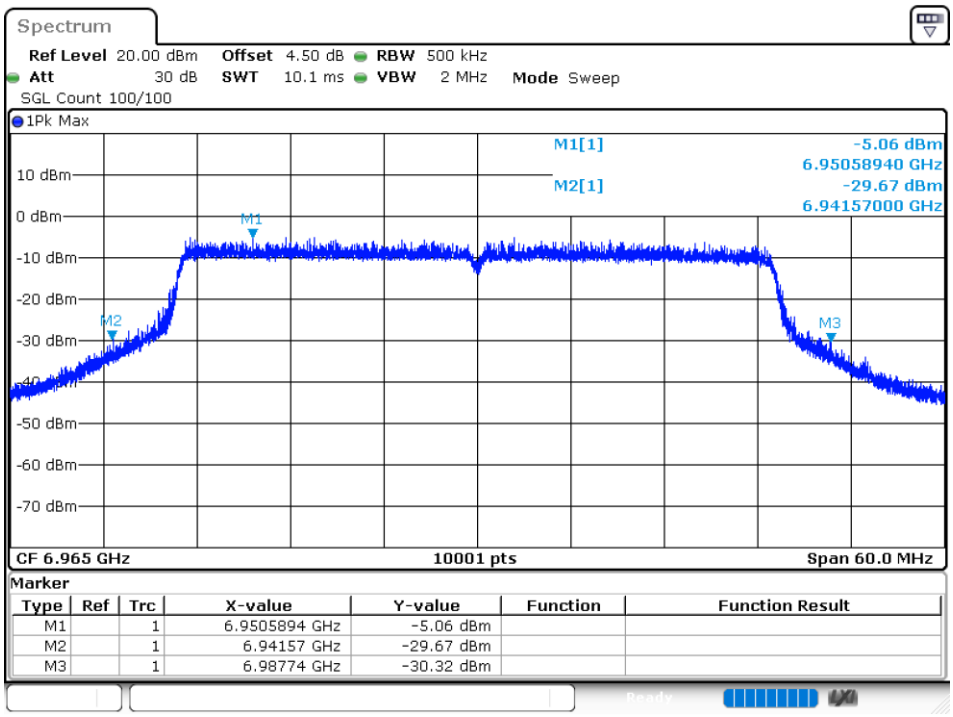
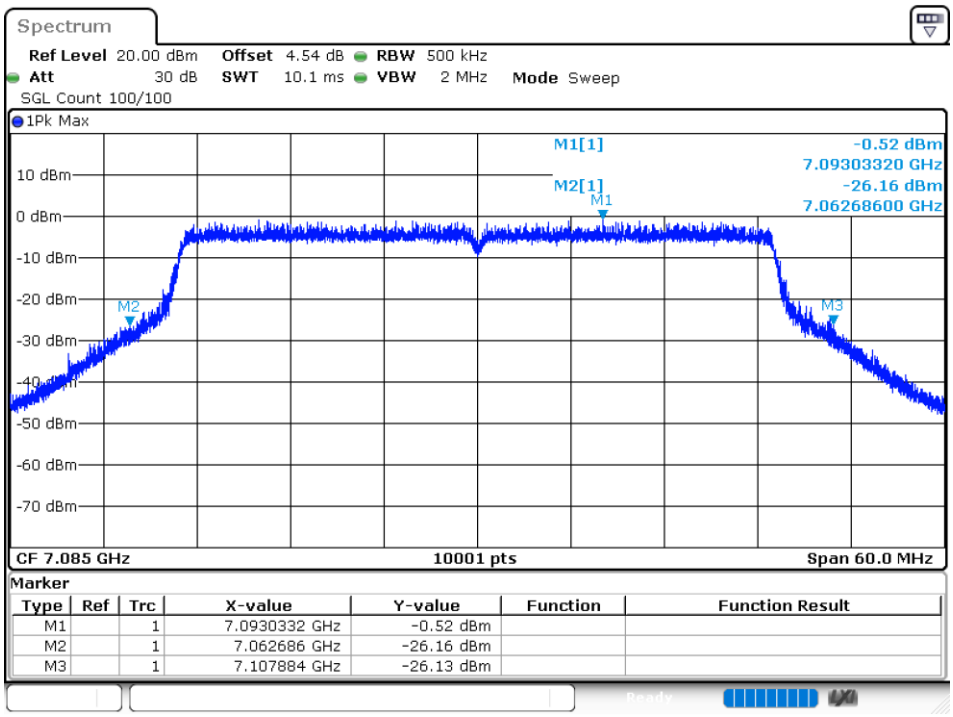


-26dB Bandwidth NVNT ax40 7085MHz Ant1



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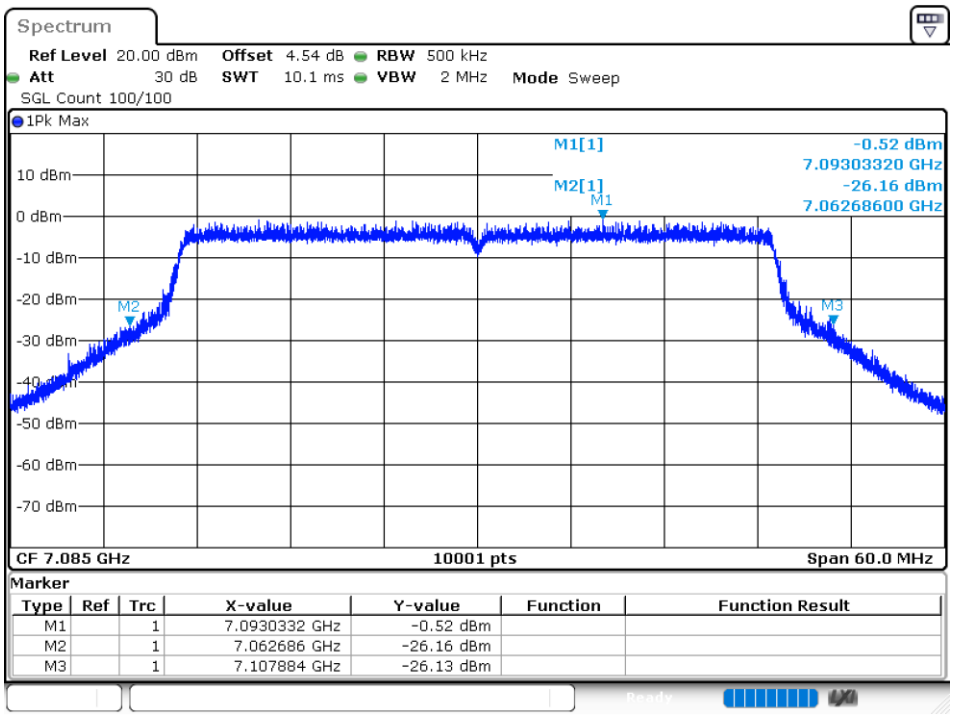
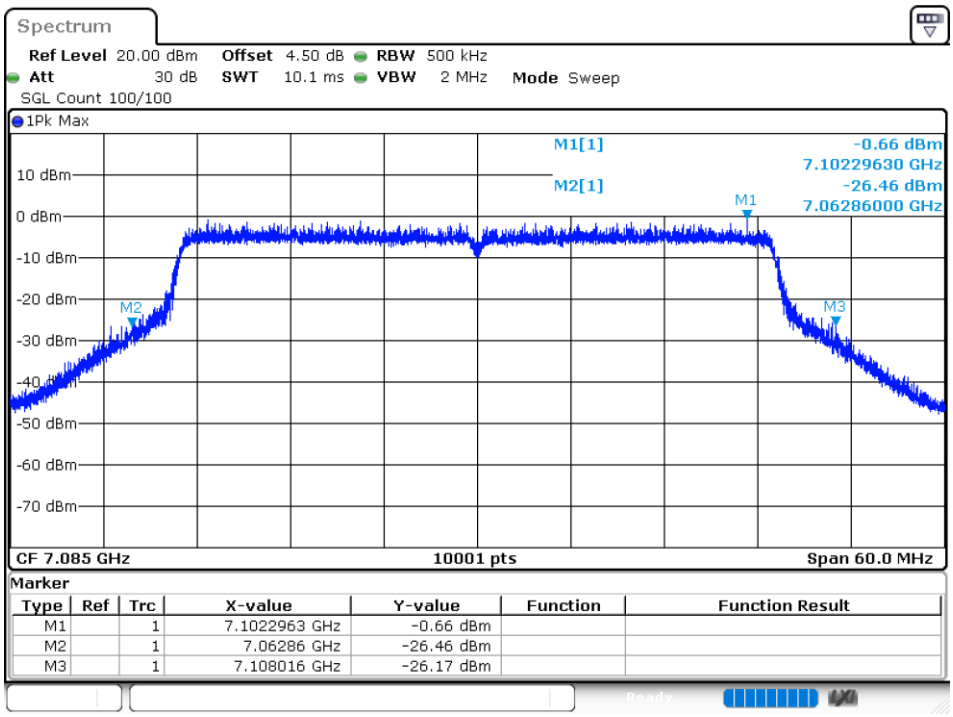


-26dB Bandwidth NVNT ax40 7085MHz Ant2



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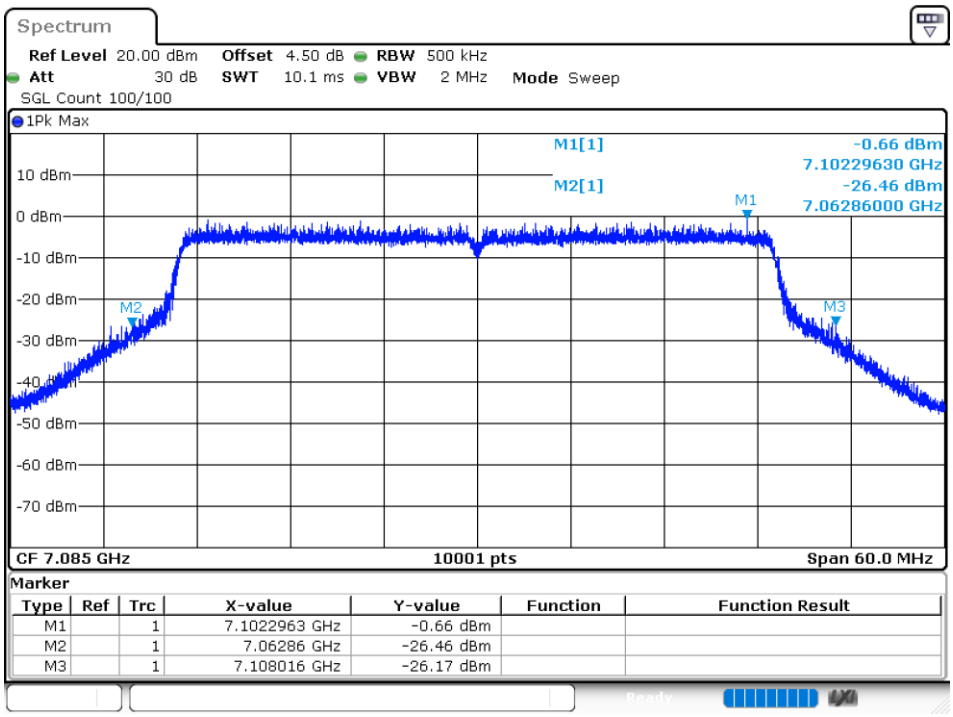
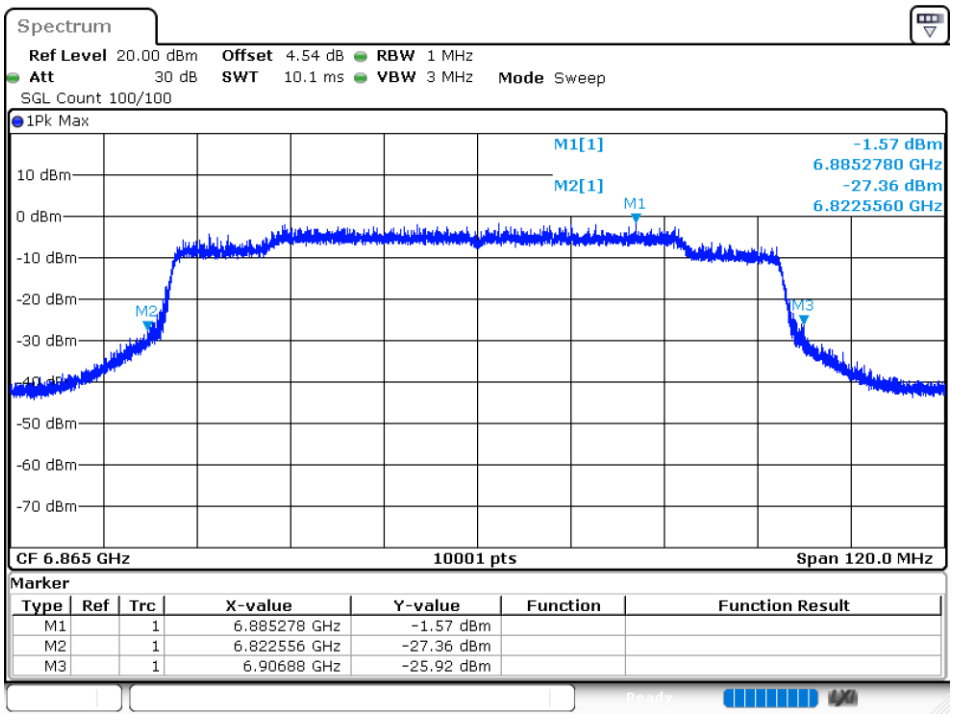
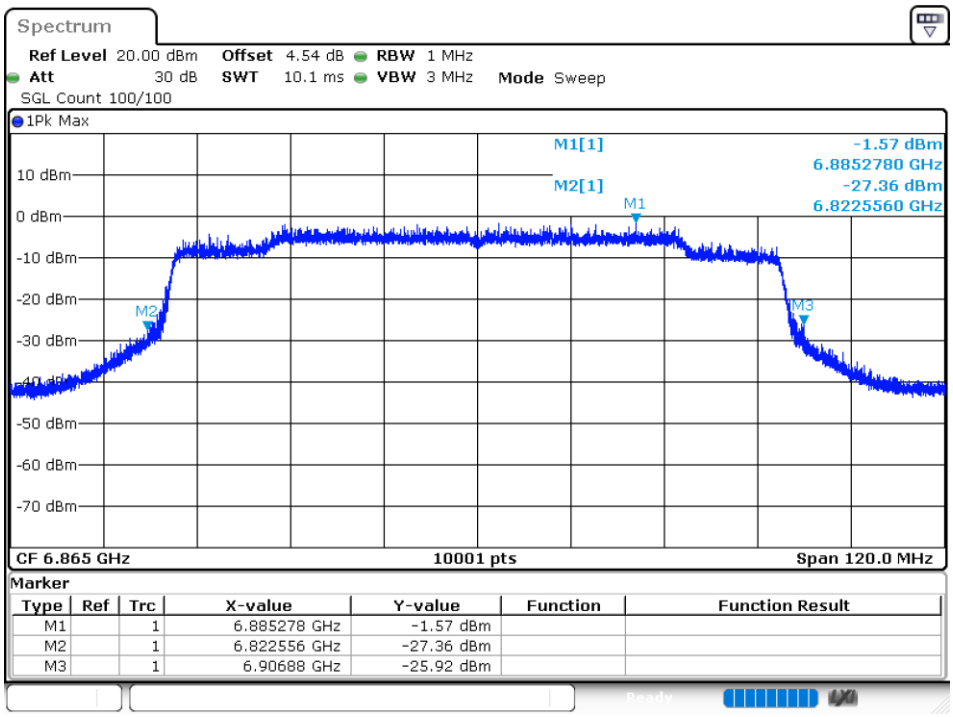


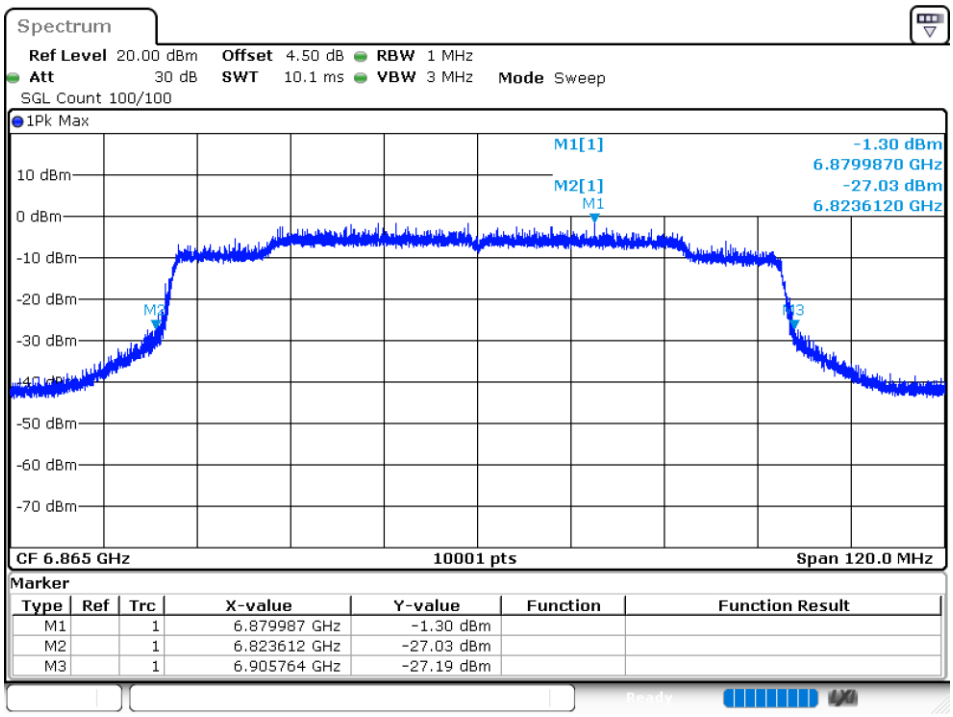
-26dB Bandwidth NVNT ax80 6865MHz Ant1



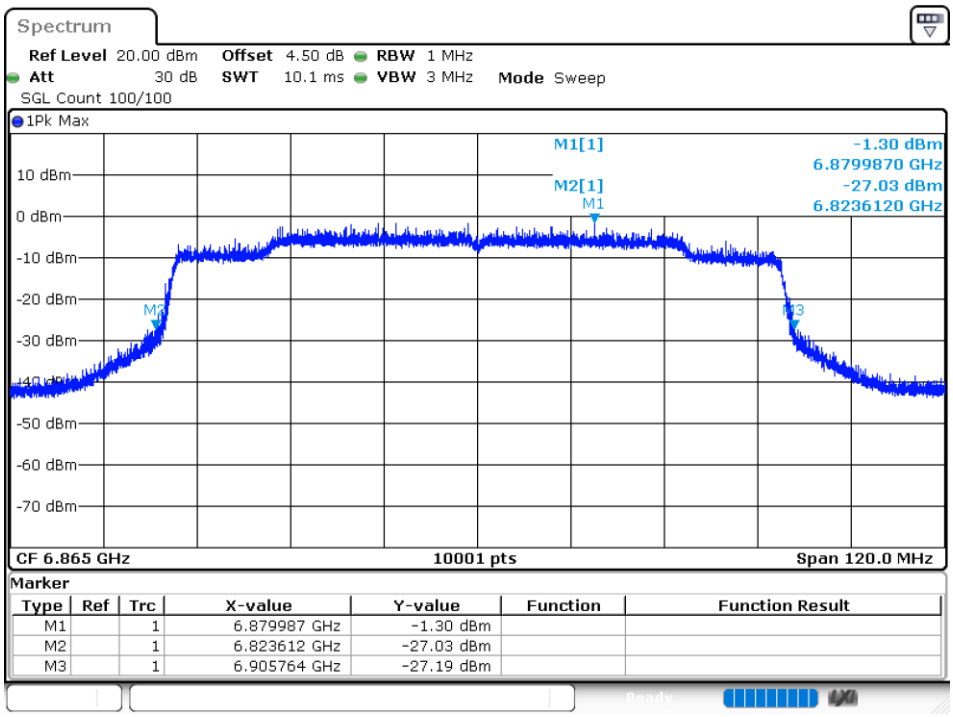
-26dB Bandwidth NVNT ax80 6865MHz Ant1



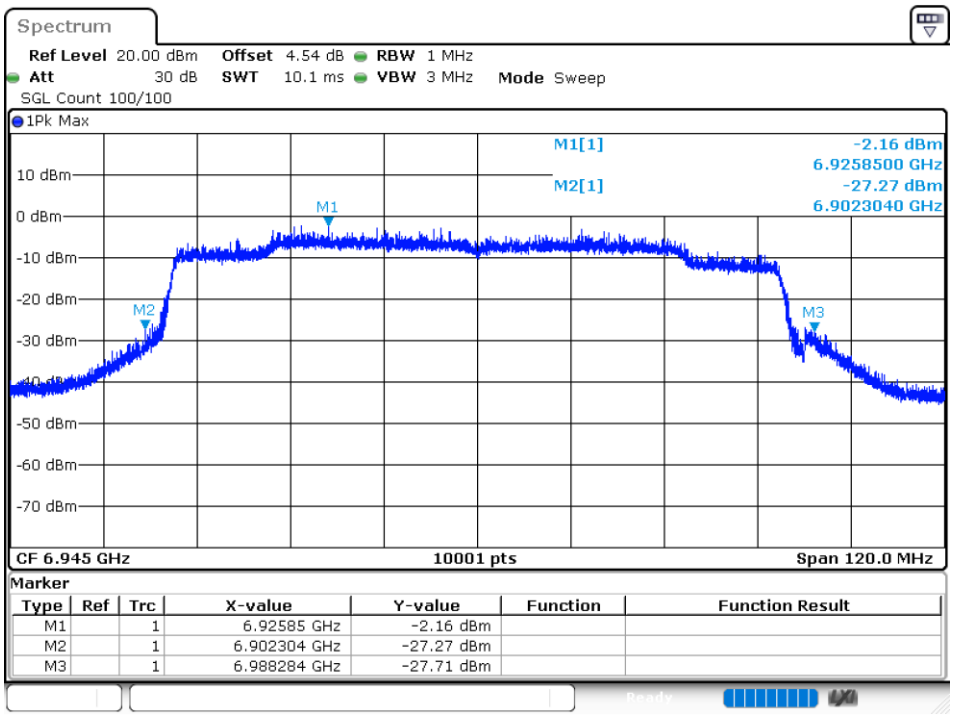
-26dB Bandwidth NVNT ax80 6865MHz Ant2



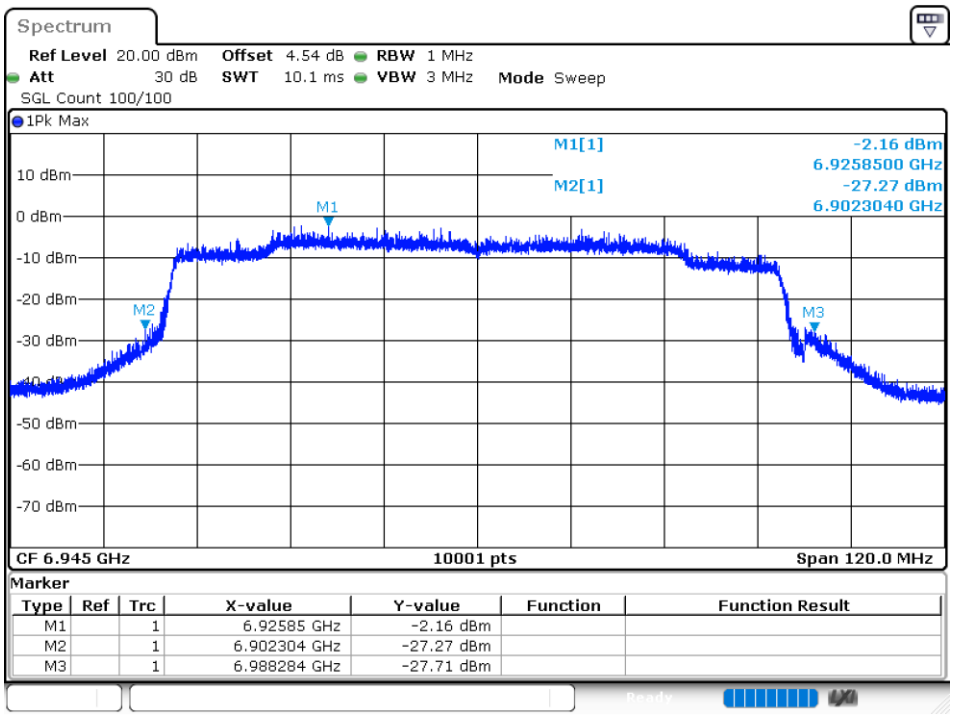
-26dB Bandwidth NVNT ax80 6865MHz Ant2



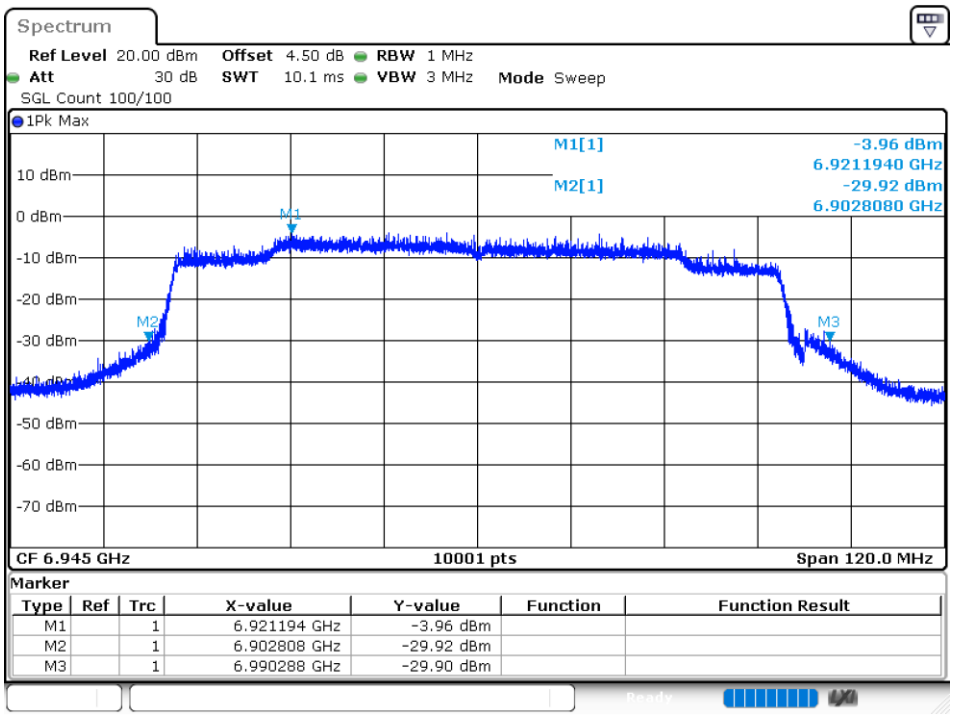
-26dB Bandwidth NVNT ax80 6945MHz Ant1



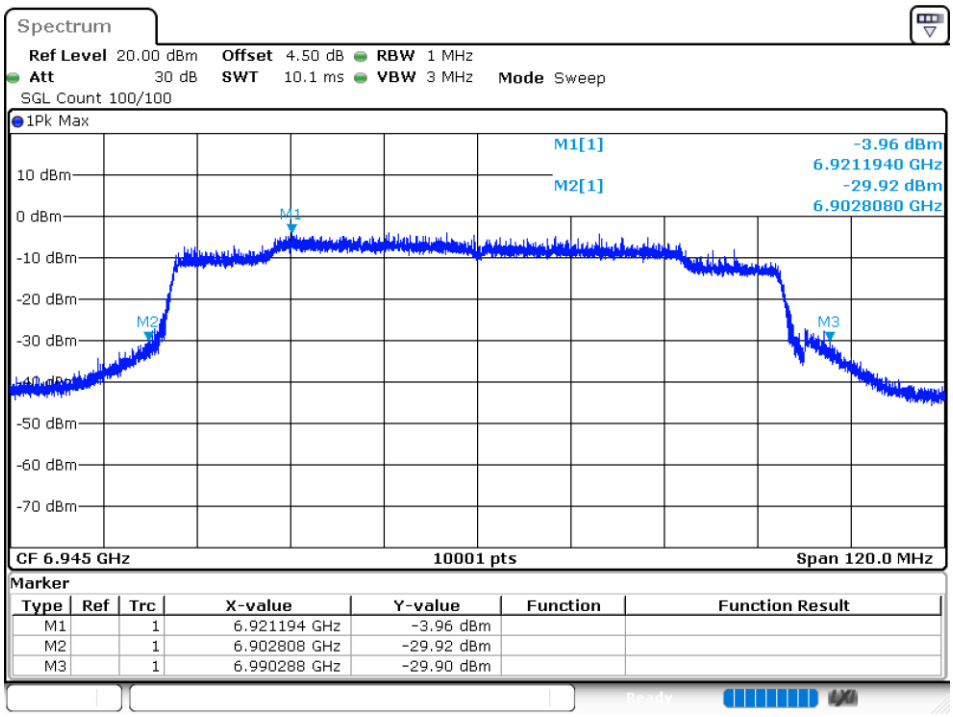
-26dB Bandwidth NVNT ax80 6945MHz Ant1



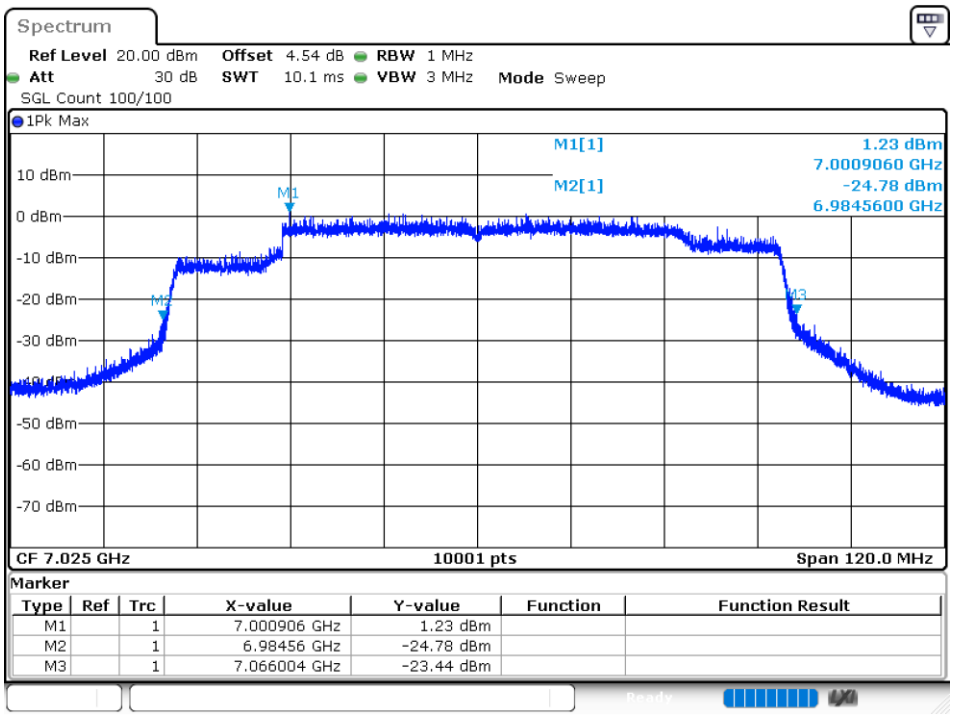
-26dB Bandwidth NVNT ax80 6945MHz Ant2



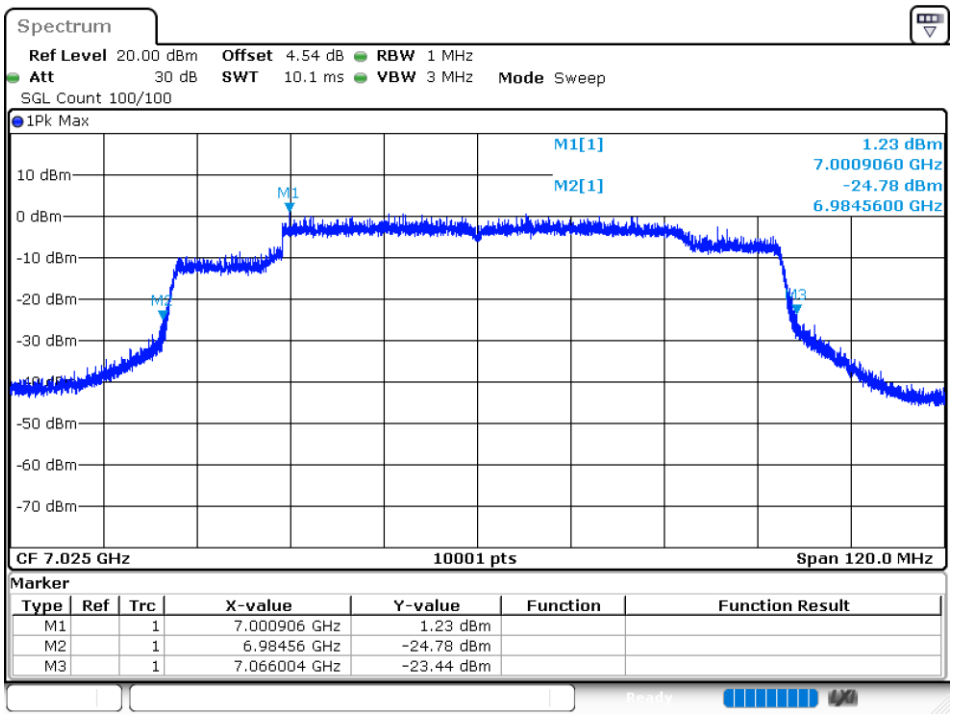
-26dB Bandwidth NVNT ax80 6945MHz Ant2



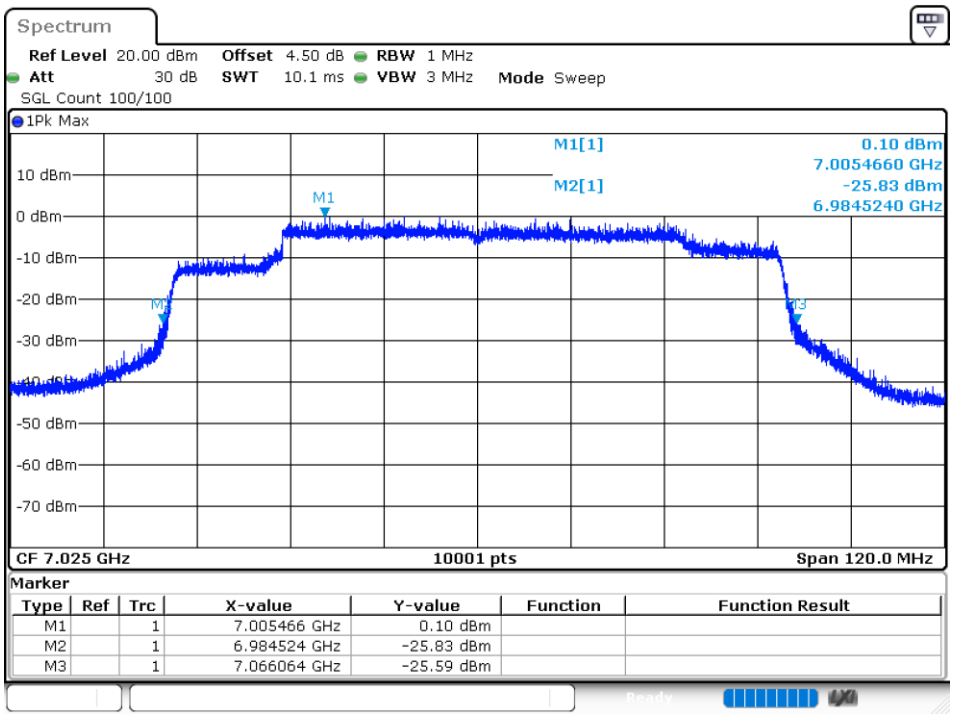
-26dB Bandwidth NVNT ax80 7025MHz Ant1



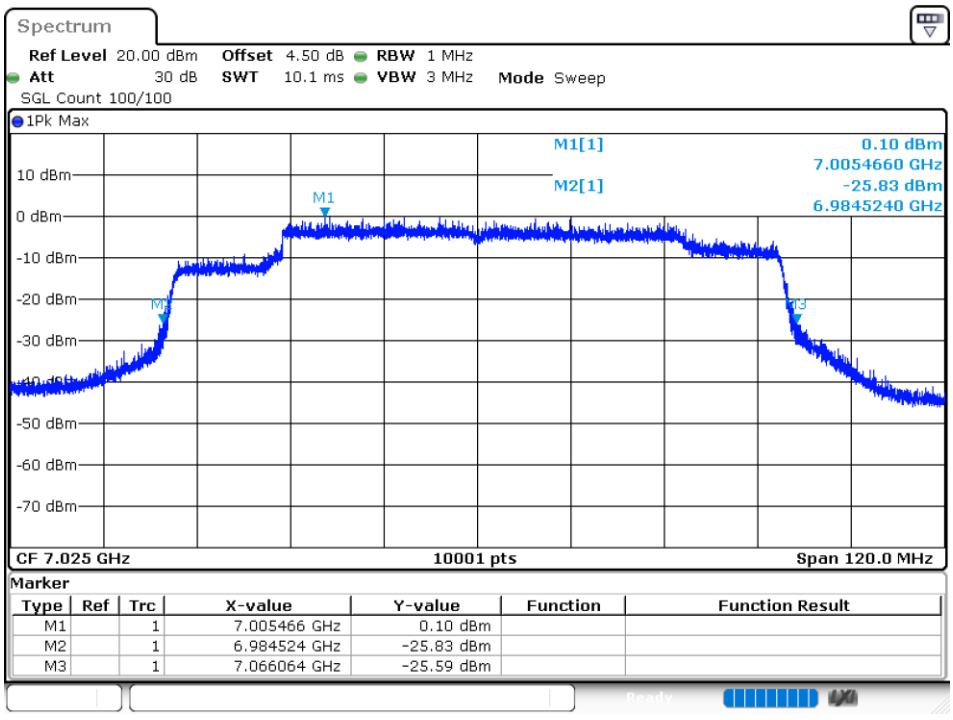
-26dB Bandwidth NVNT ax80 7025MHz Ant1



-26dB Bandwidth NVNT ax80 7025MHz Ant2



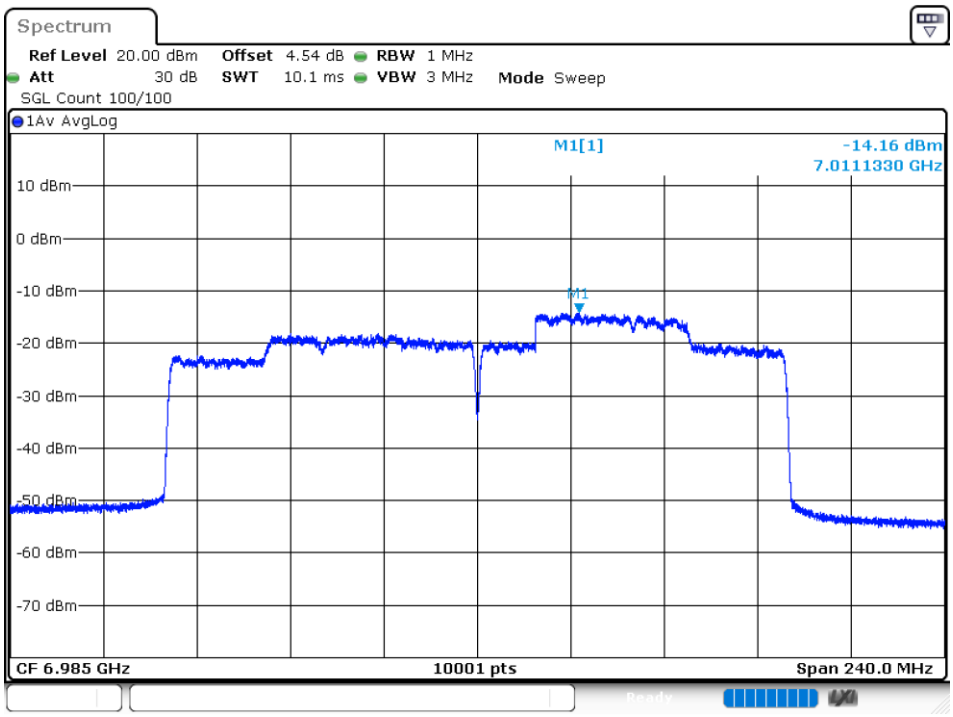
-26dB Bandwidth NVNT ax80 7025MHz Ant2



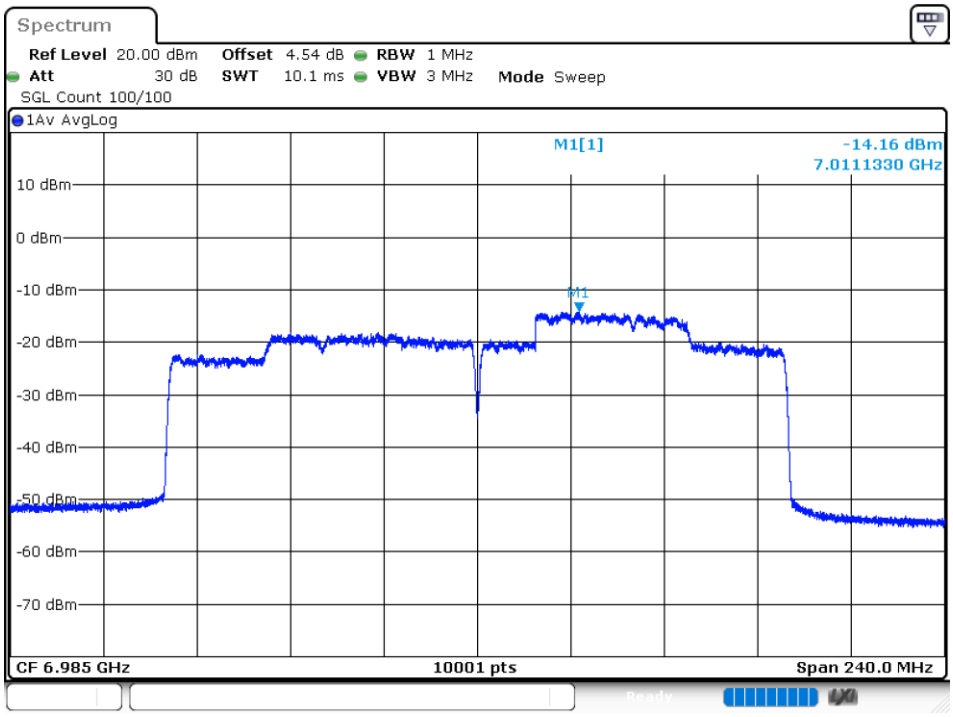
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	-14.16	0	-14.16	4.9	-9.26	-1	Pass
NVNT	ax160	6985	Ant2	-14.96	0.26	-14.7	4.81	-9.89	-1	Pass
NVNT	ax20	6875	Ant1	-9.75	0	-9.75	4.9	-4.85	-1	Pass
NVNT	ax20	6875	Ant2	-10.3	0	-10.3	4.81	-5.49	-1	Pass
NVNT	ax20	6995	Ant1	-7.61	0	-7.61	4.9	-2.71	-1	Pass
NVNT	ax20	6995	Ant2	-8.21	0.09	-8.12	4.81	-3.31	-1	Pass
NVNT	ax20	7115	Ant1	-11.96	0	-11.96	4.9	-7.06	-1	Pass
NVNT	ax20	7115	Ant2	-12.88	0.15	-12.73	4.81	-7.92	-1	Pass
NVNT	ax40	6885	Ant1	-11.37	0	-11.37	4.9	-6.47	-1	Pass
NVNT	ax40	6885	Ant2	-12.04	0	-12.04	4.81	-7.23	-1	Pass
NVNT	ax40	6965	Ant1	-12.99	0	-12.99	4.9	-8.09	-1	Pass
NVNT	ax40	6965	Ant2	-13.53	0	-13.53	4.81	-8.72	-1	Pass
NVNT	ax40	7085	Ant1	-9.44	0	-9.44	4.9	-4.54	-1	Pass
NVNT	ax40	7085	Ant2	-10.24	0	-10.24	4.81	-5.43	-1	Pass
NVNT	ax80	6865	Ant1	-13.73	0	-13.73	4.9	-8.83	-1	Pass
NVNT	ax80	6865	Ant2	-14.32	0	-14.32	4.81	-9.51	-1	Pass
NVNT	ax80	6945	Ant1	-14.92	0	-14.92	4.9	-10.02	-1	Pass
NVNT	ax80	6945	Ant2	-15.77	0	-15.77	4.81	-10.96	-1	Pass
NVNT	ax80	7025	Ant1	-11.59	0	-11.59	4.9	-6.69	-1	Pass
NVNT	ax80	7025	Ant2	-12.41	0	-12.41	4.81	-7.6	-1	Pass

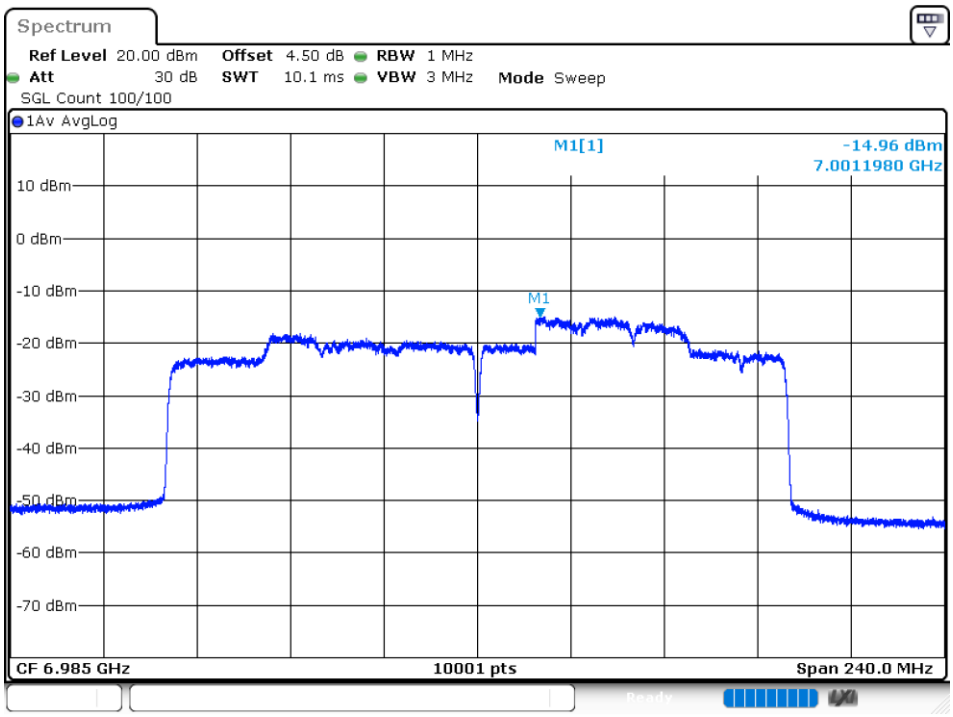
Test Graphs
PSD NVNT ax160 6985MHz Ant1



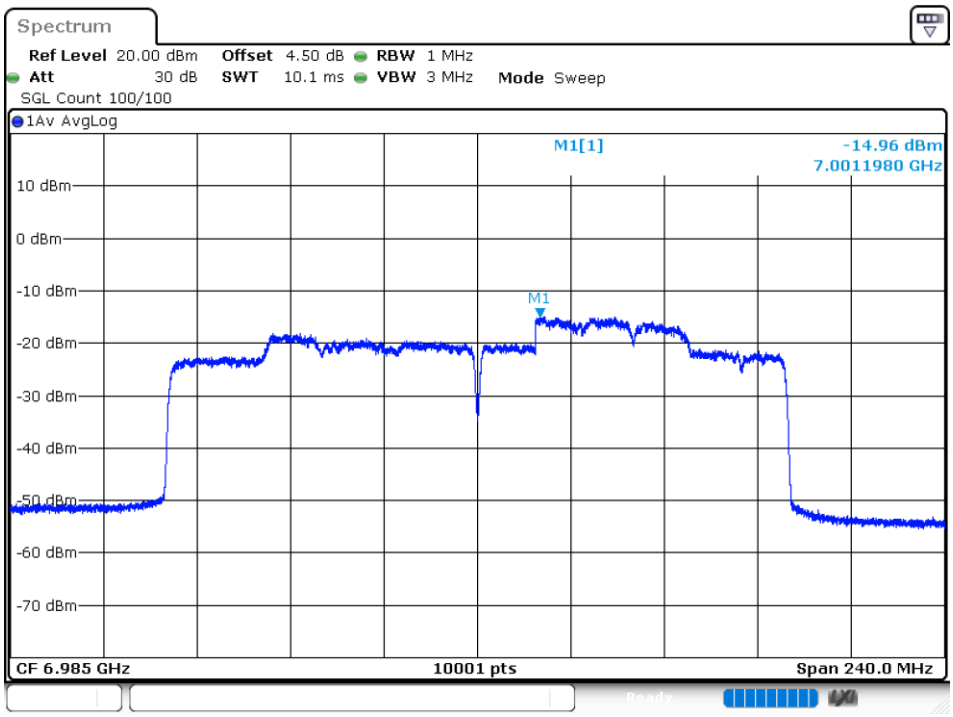
PSD NVNT ax160 6985MHz Ant1



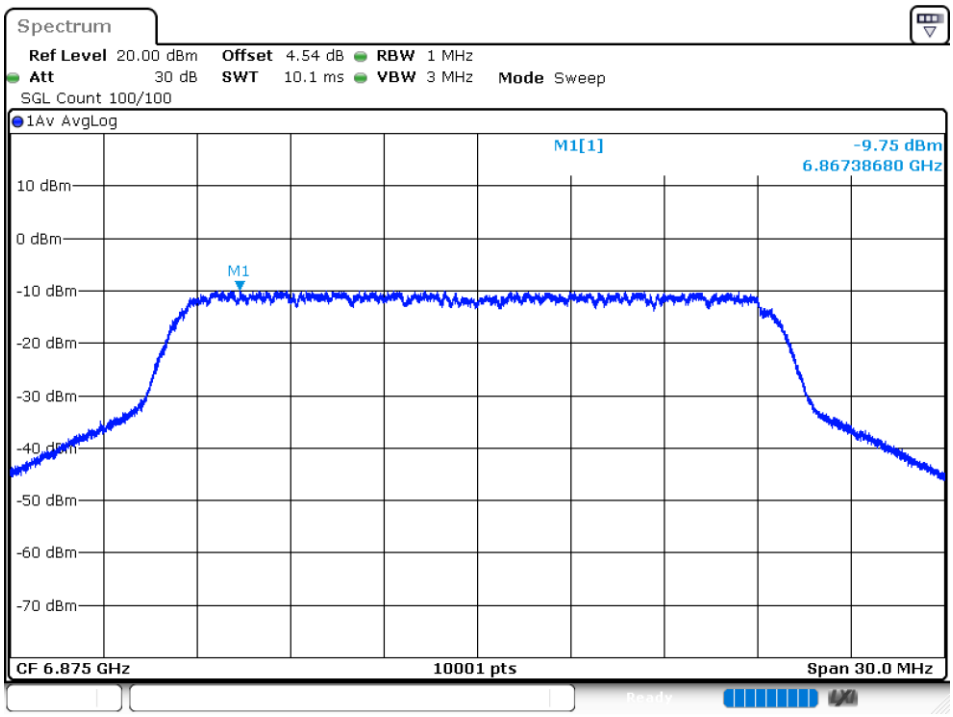
PSD NVNT ax160 6985MHz Ant2



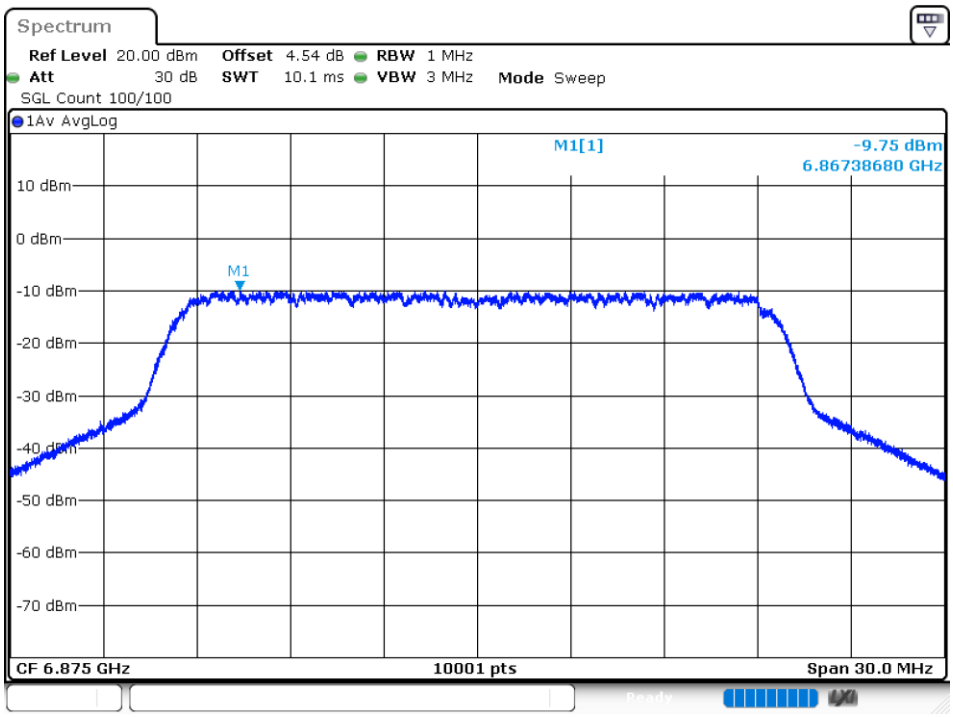
PSD NVNT ax160 6985MHz Ant2



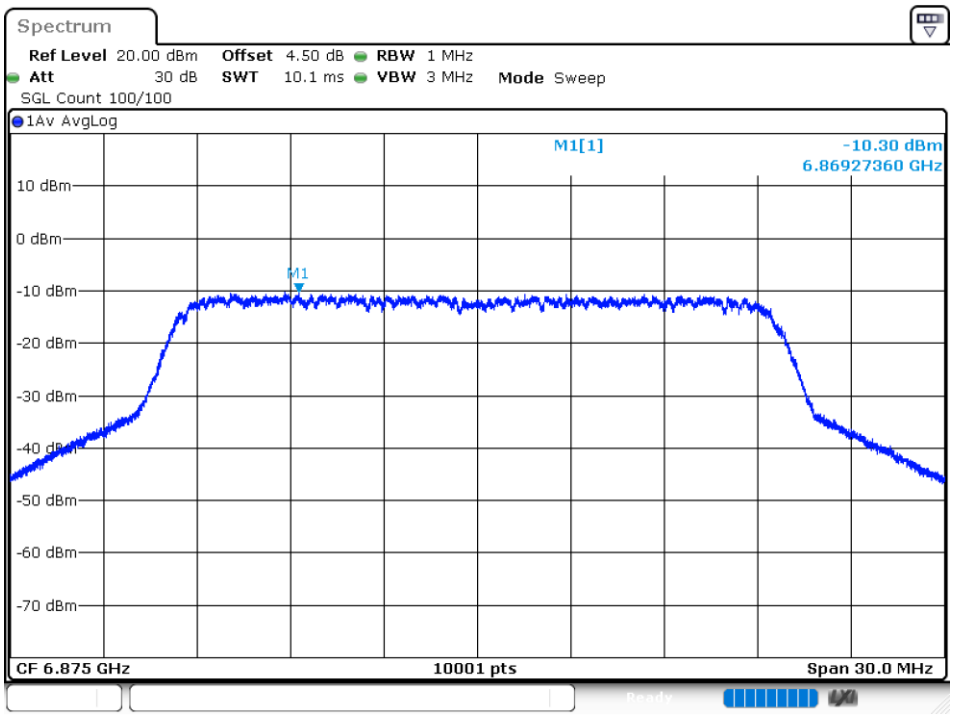
PSD NVNT ax20 6875MHz Ant1



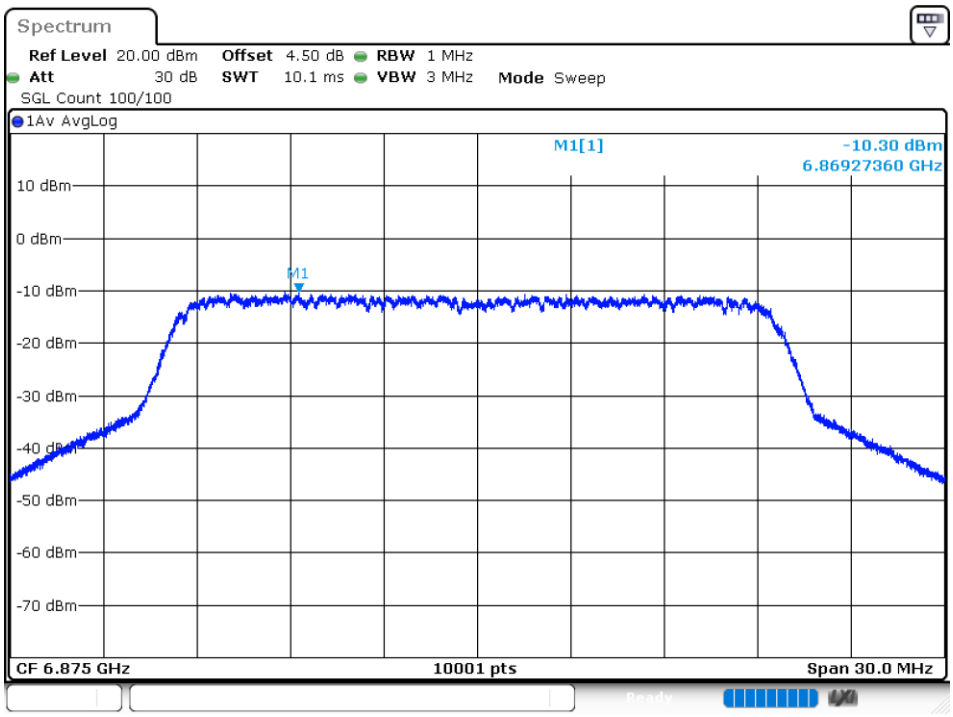
PSD NVNT ax20 6875MHz Ant1



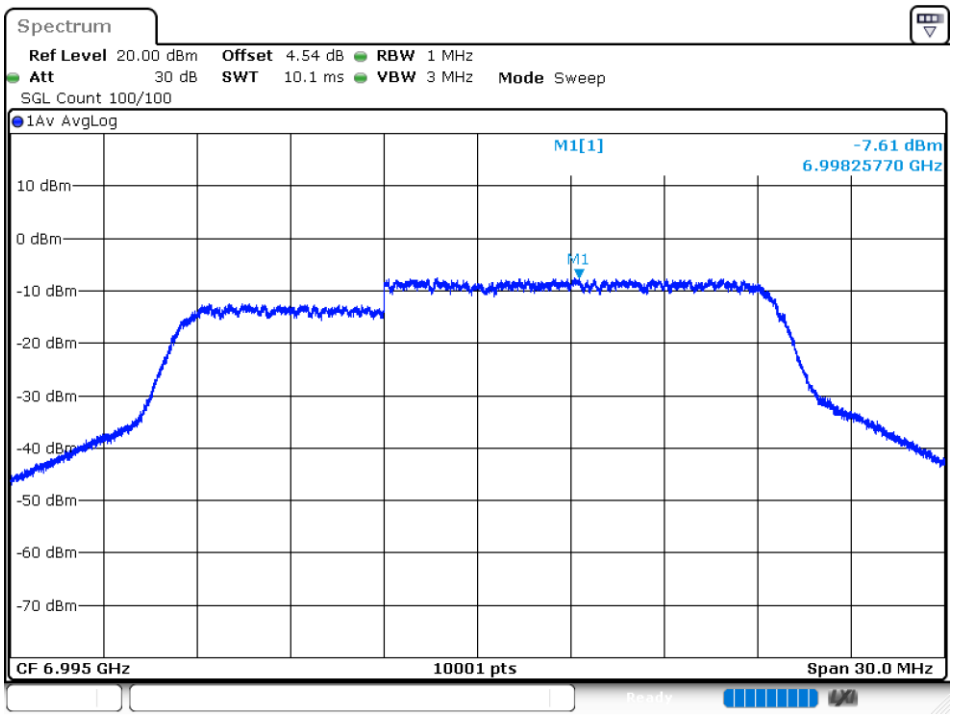
PSD NVNT ax20 6875MHz Ant2



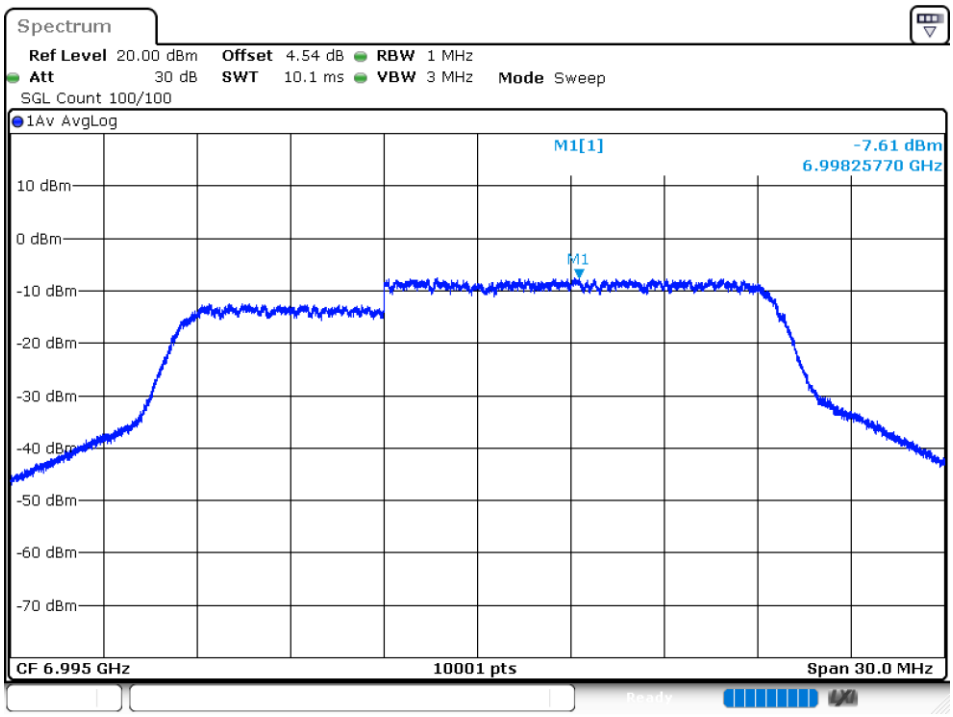
PSD NVNT ax20 6875MHz Ant2



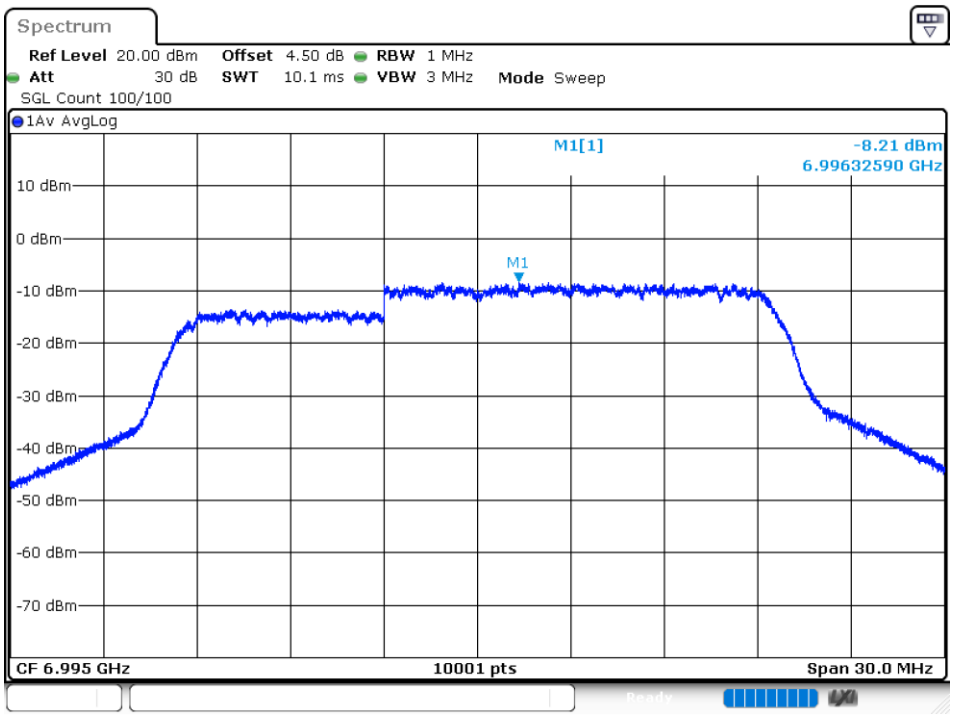
PSD NVNT ax20 6995MHz Ant1



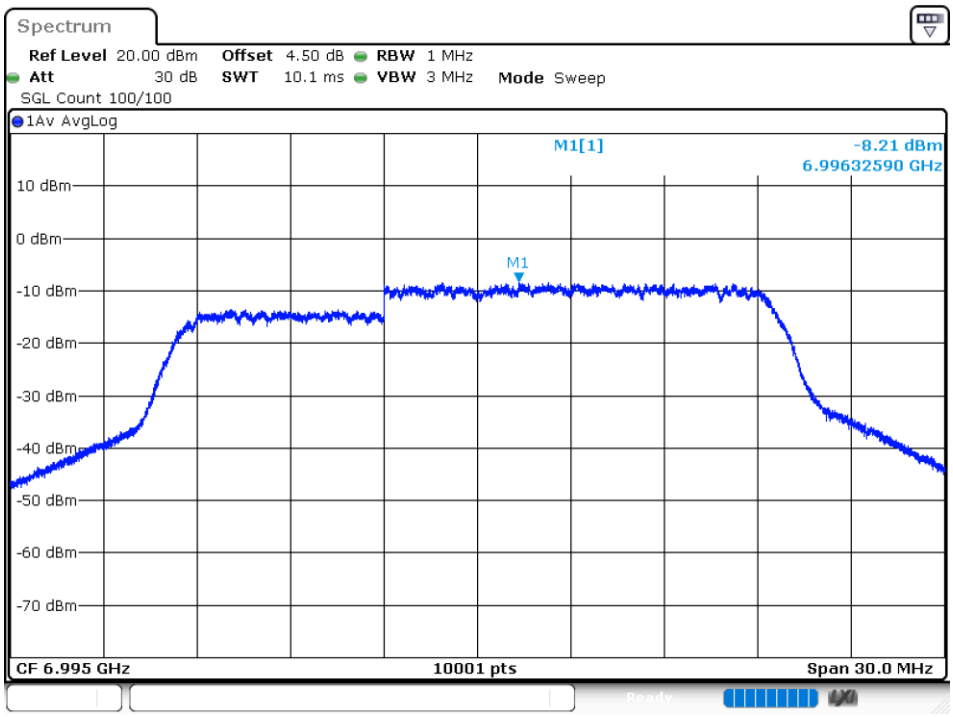
PSD NVNT ax20 6995MHz Ant1



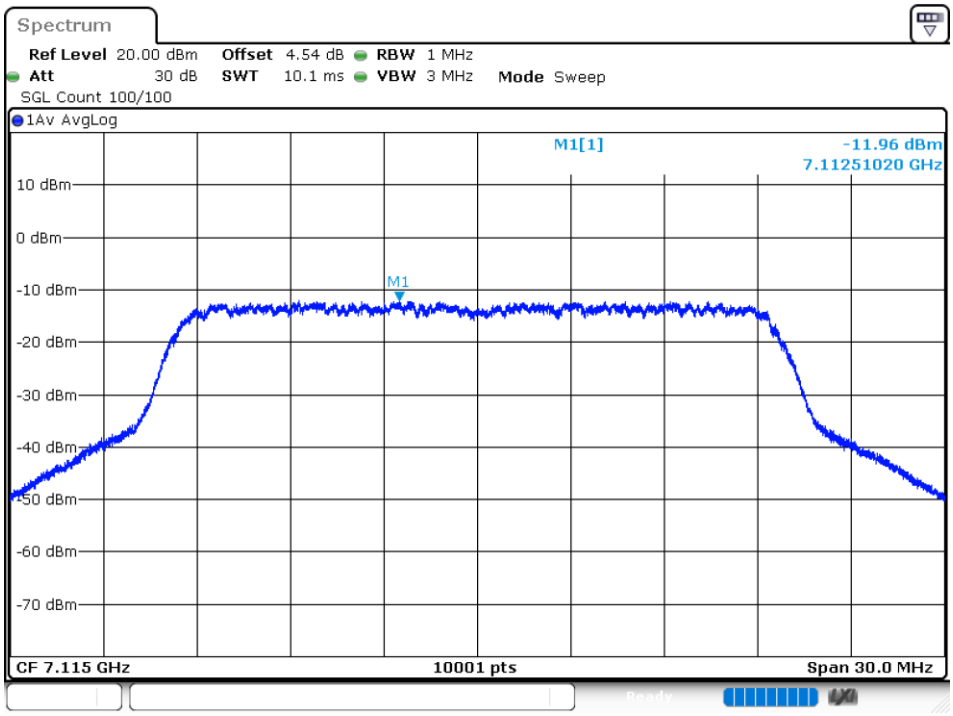
PSD NVNT ax20 6995MHz Ant2



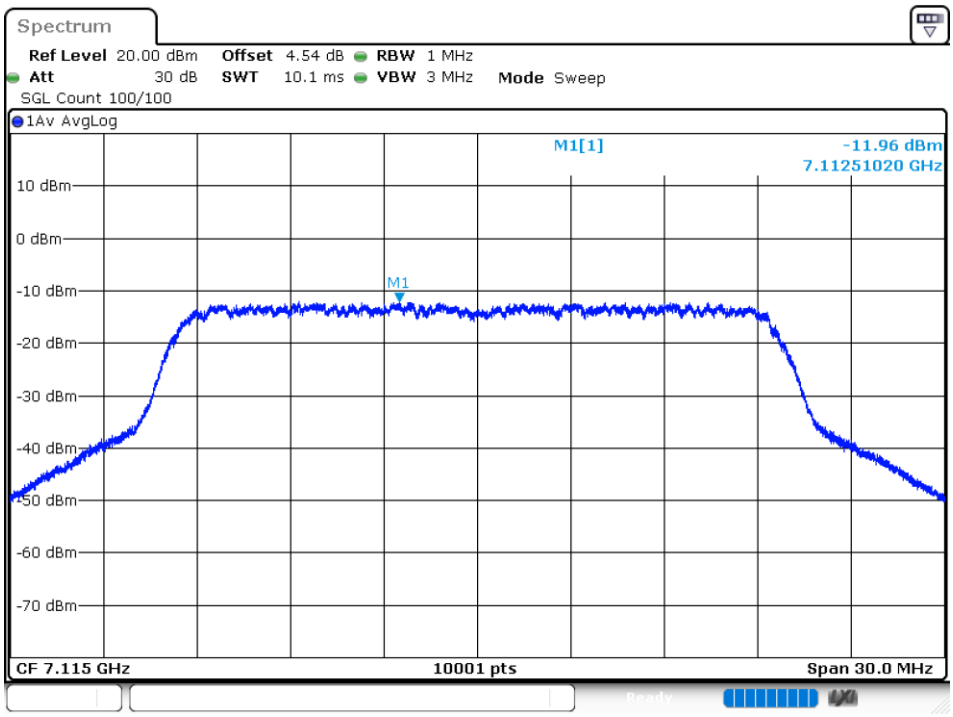
PSD NVNT ax20 6995MHz Ant2



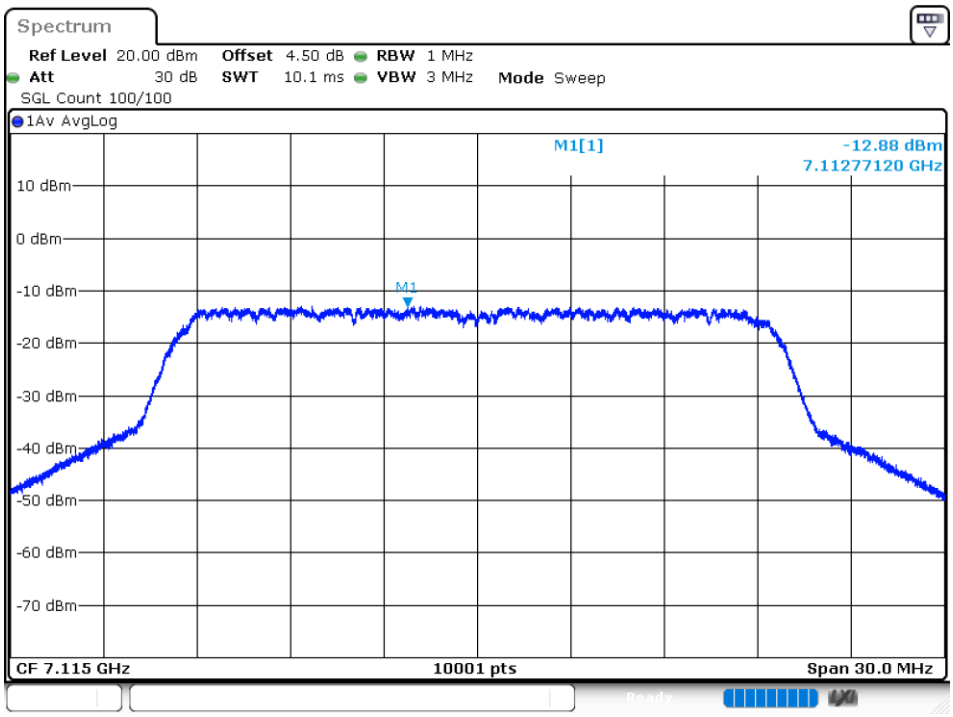
PSD NVNT ax20 7115MHz Ant1



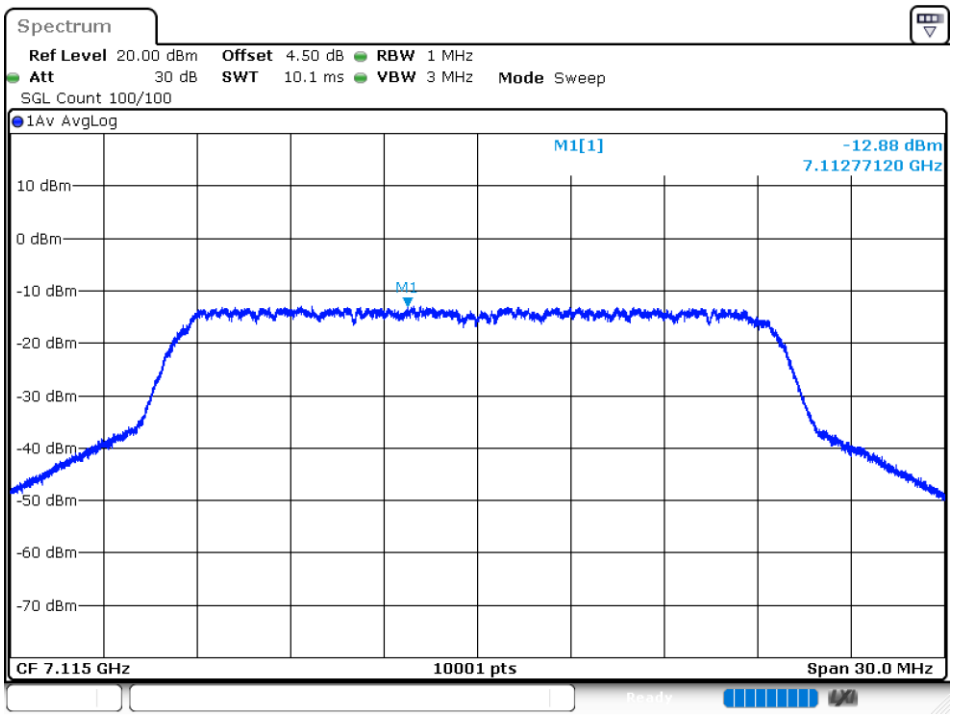
PSD NVNT ax20 7115MHz Ant1



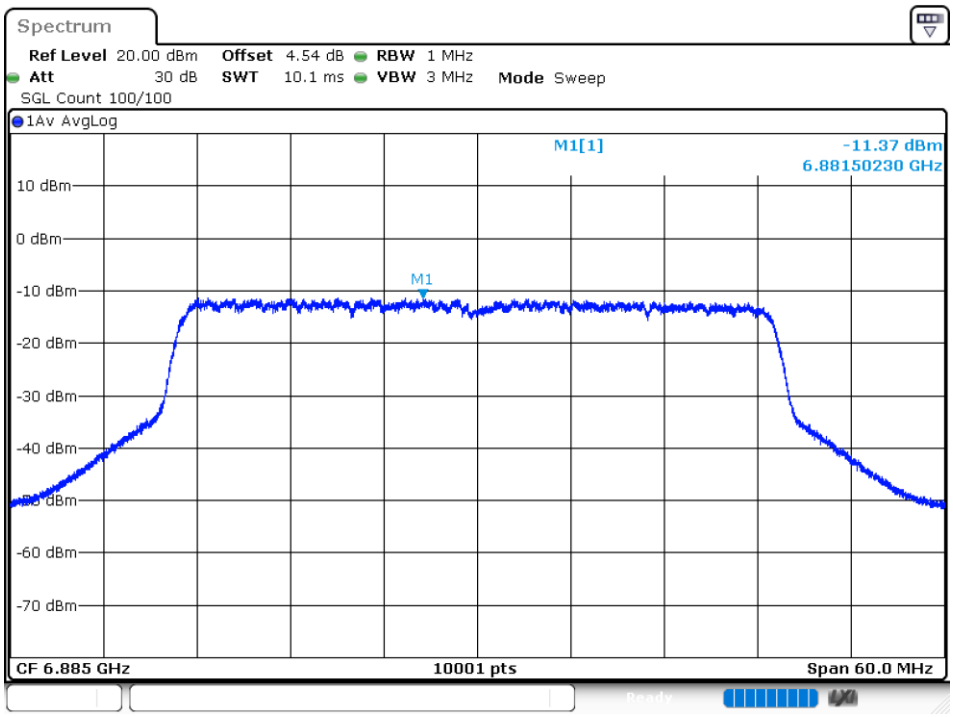
PSD NVNT ax20 7115MHz Ant2



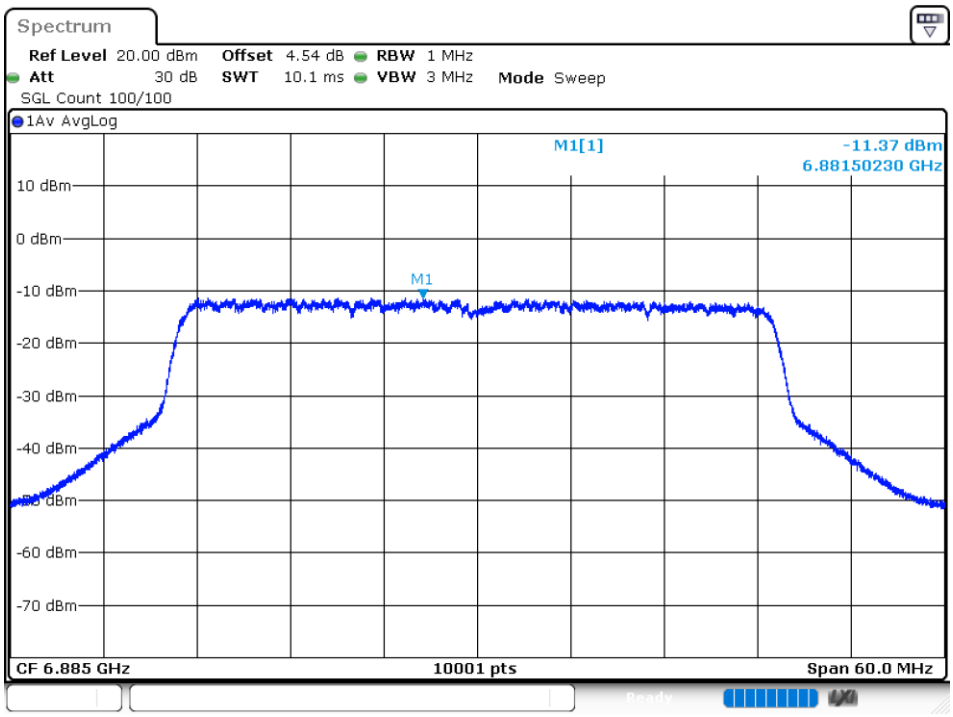
PSD NVNT ax20 7115MHz Ant2



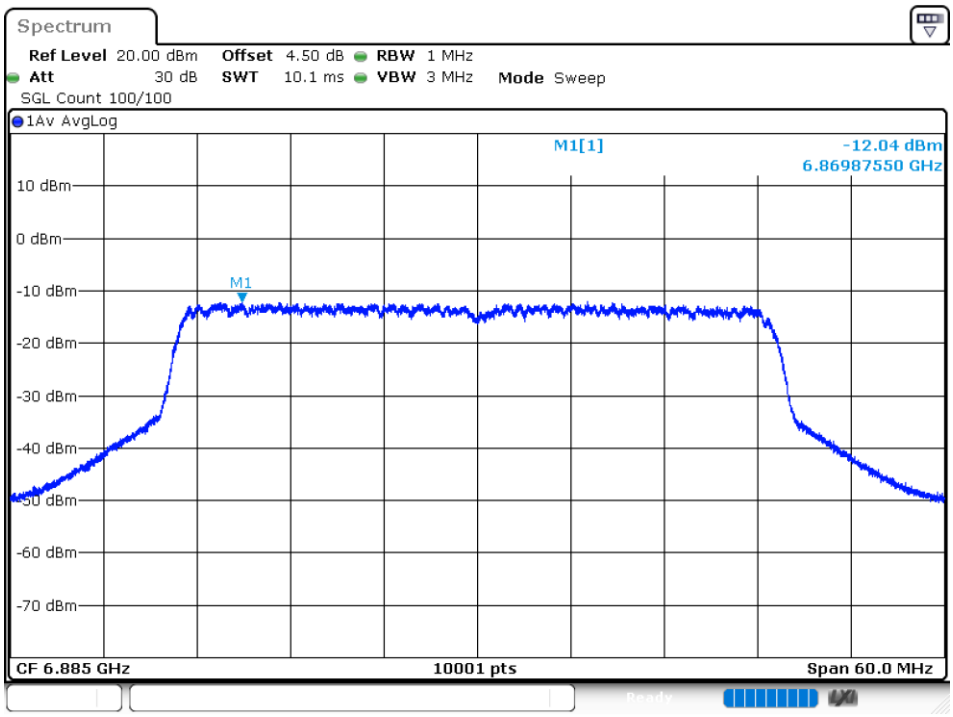
PSD NVNT ax40 6885MHz Ant1



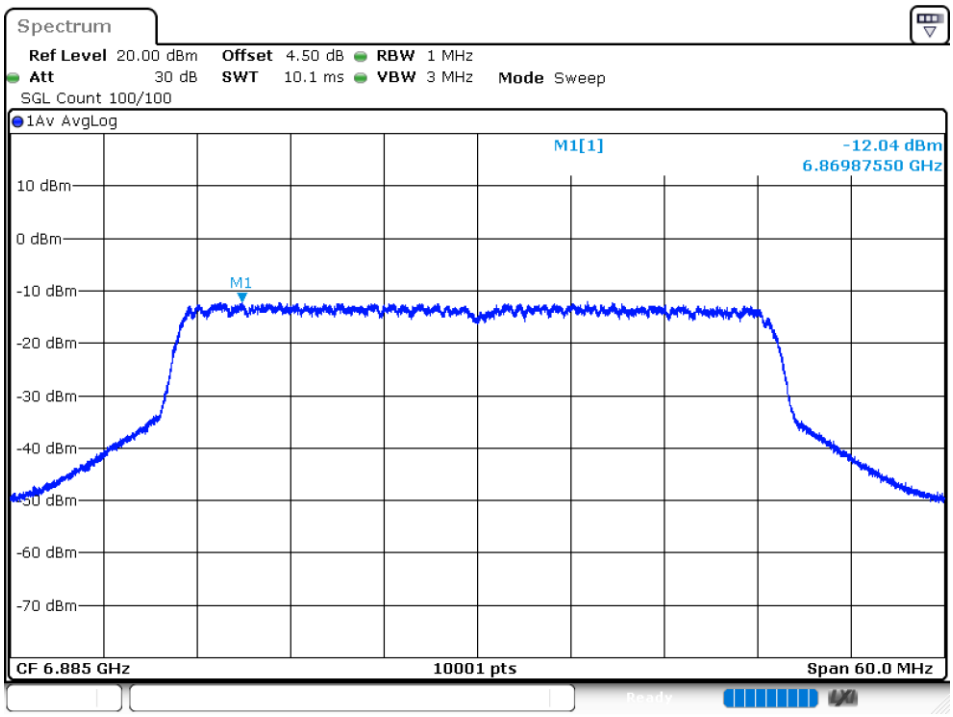
PSD NVNT ax40 6885MHz Ant1



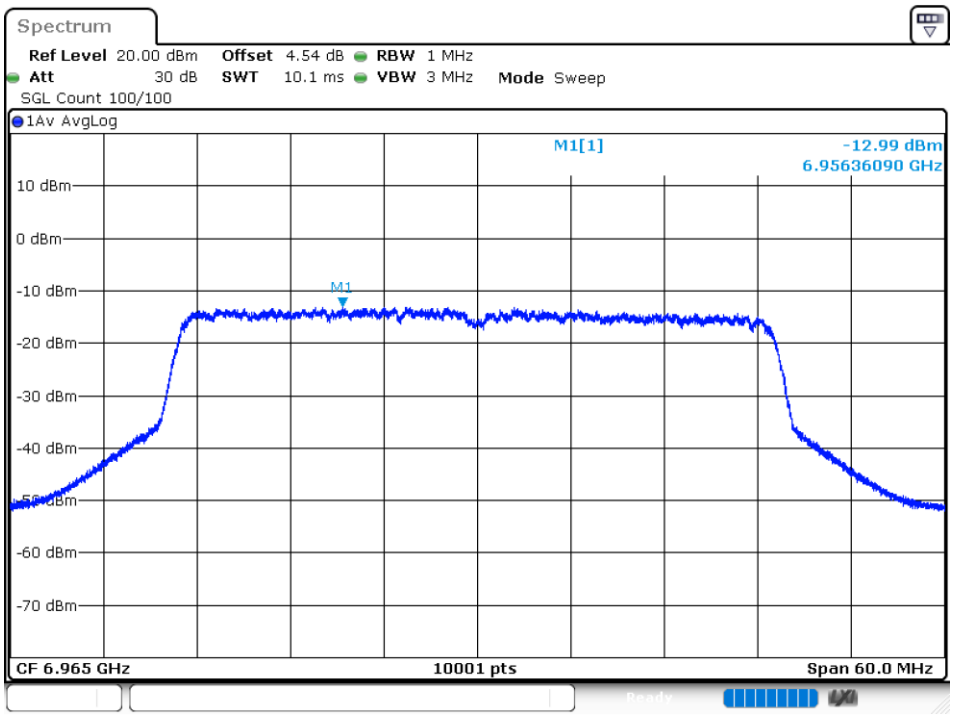
PSD NVNT ax40 6885MHz Ant2



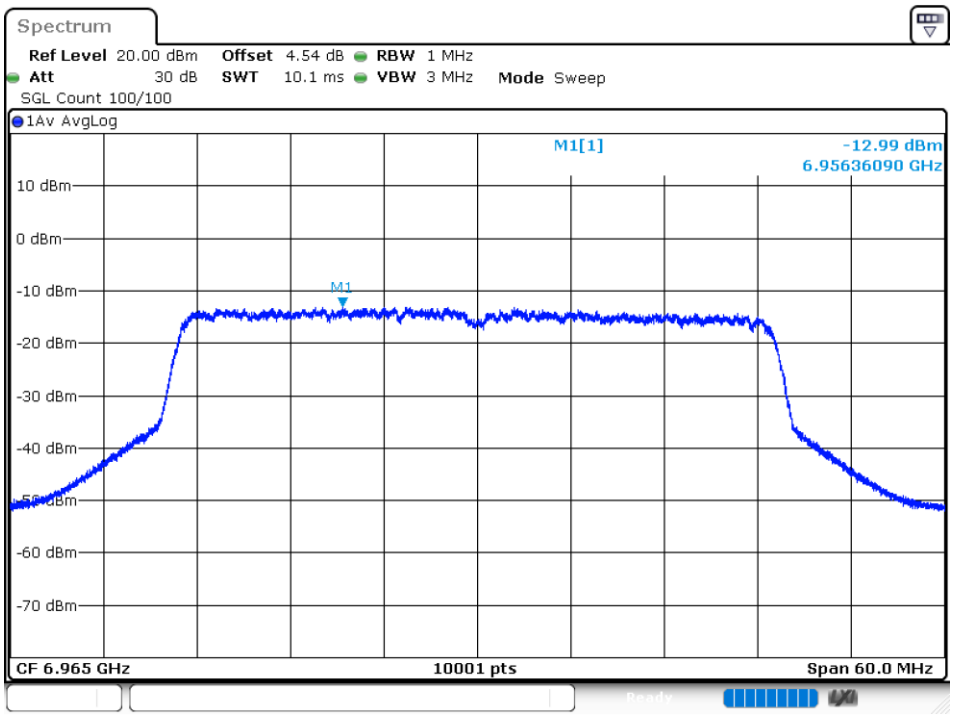
PSD NVNT ax40 6885MHz Ant2



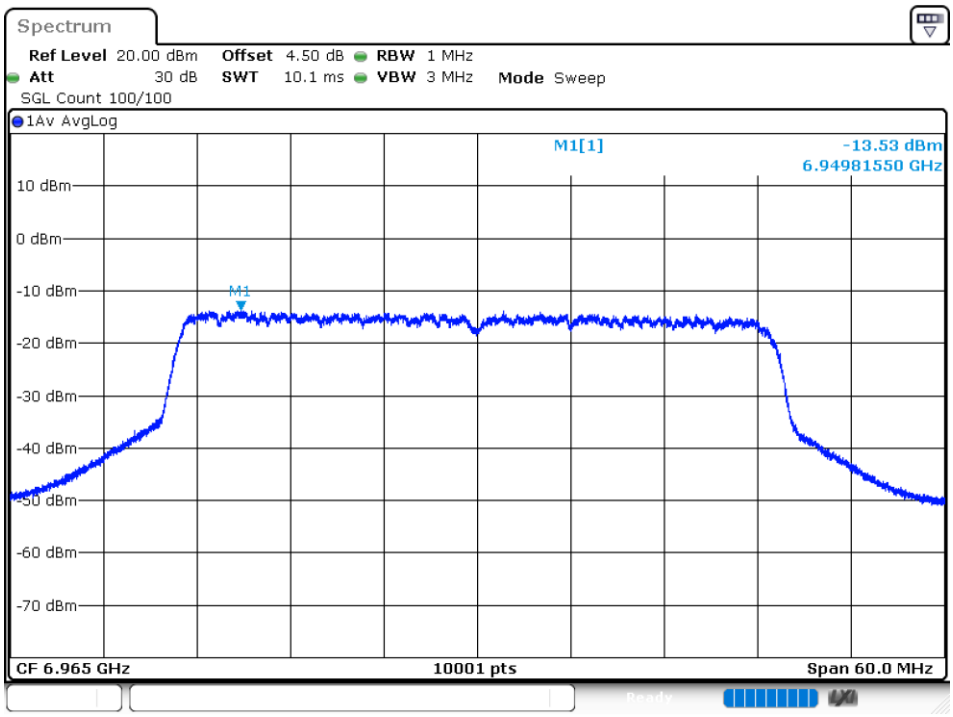
PSD NVNT ax40 6965MHz Ant1



PSD NVNT ax40 6965MHz Ant1



PSD NVNT ax40 6965MHz Ant2



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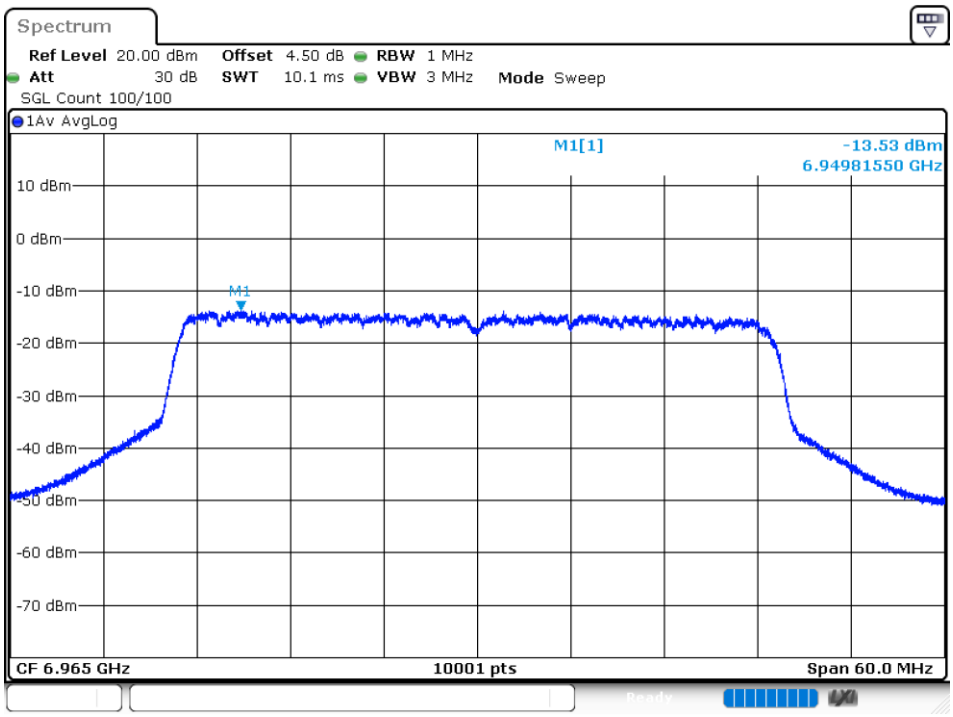
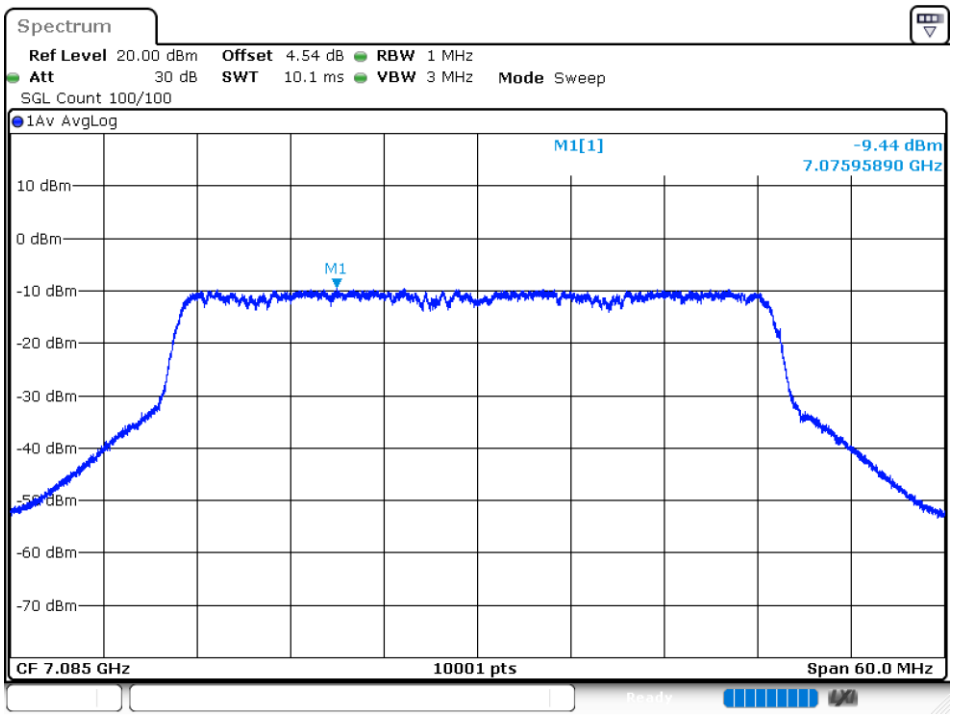


PSD NVNT ax40 7085MHz Ant1



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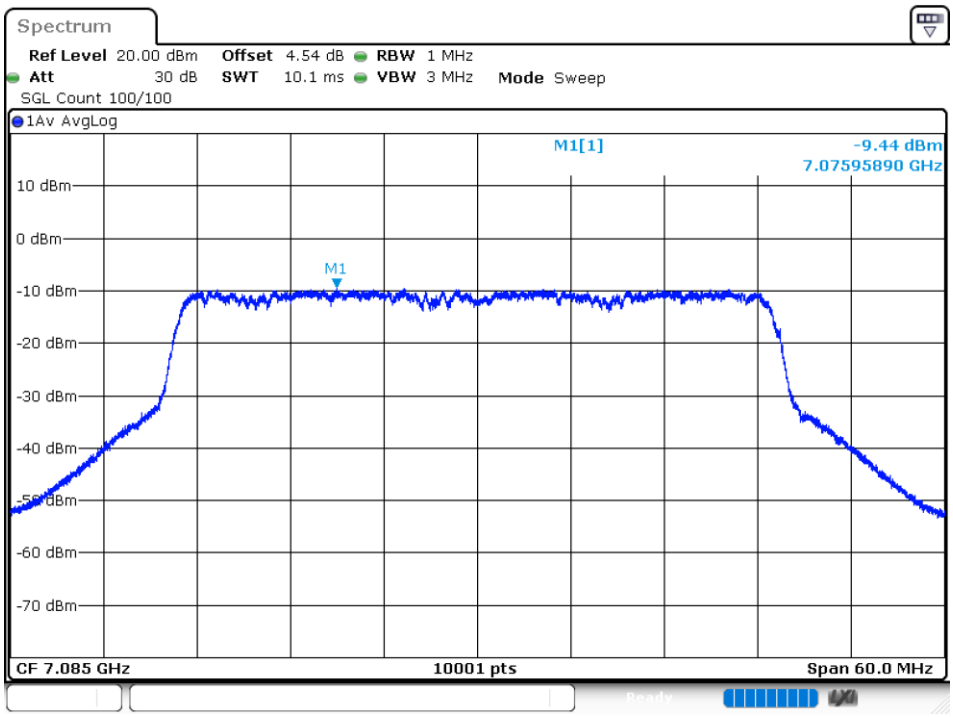
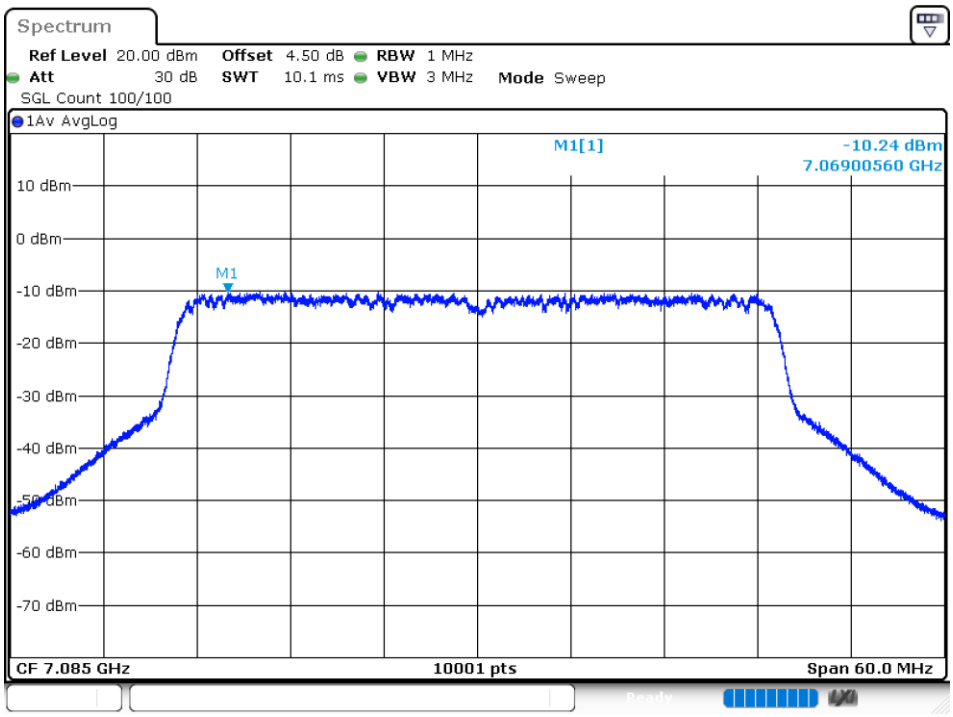
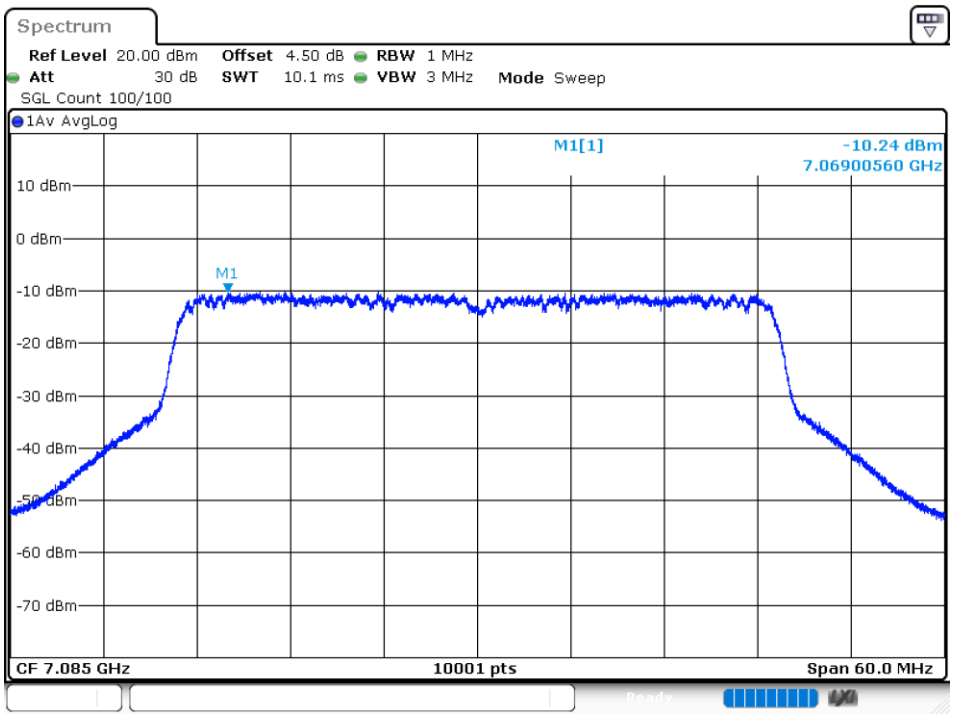


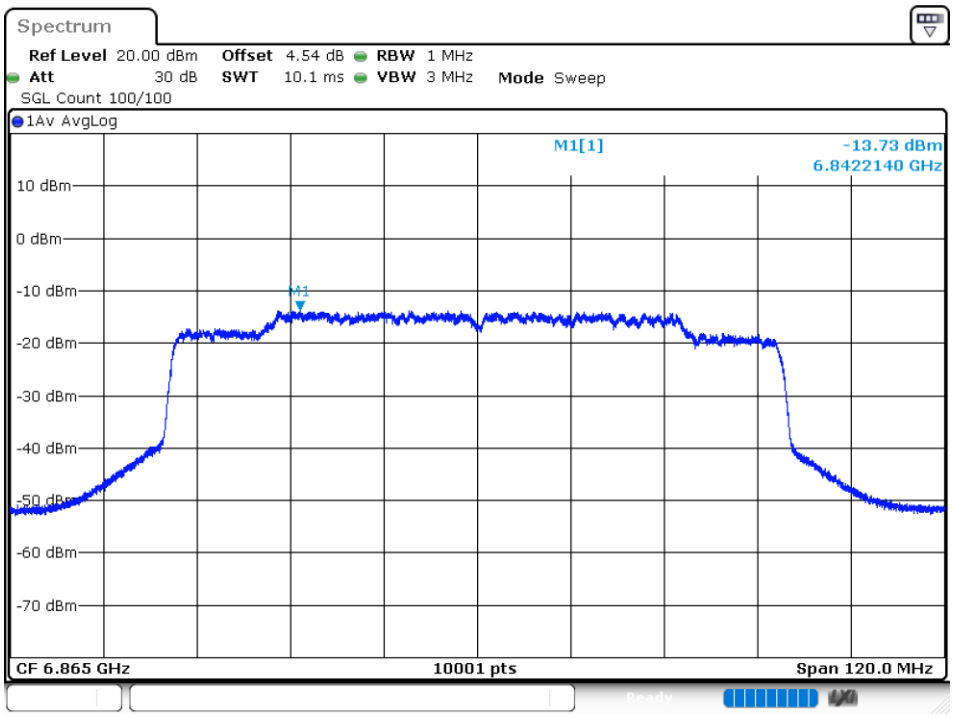
PSD NVNT ax40 7085MHz Ant2



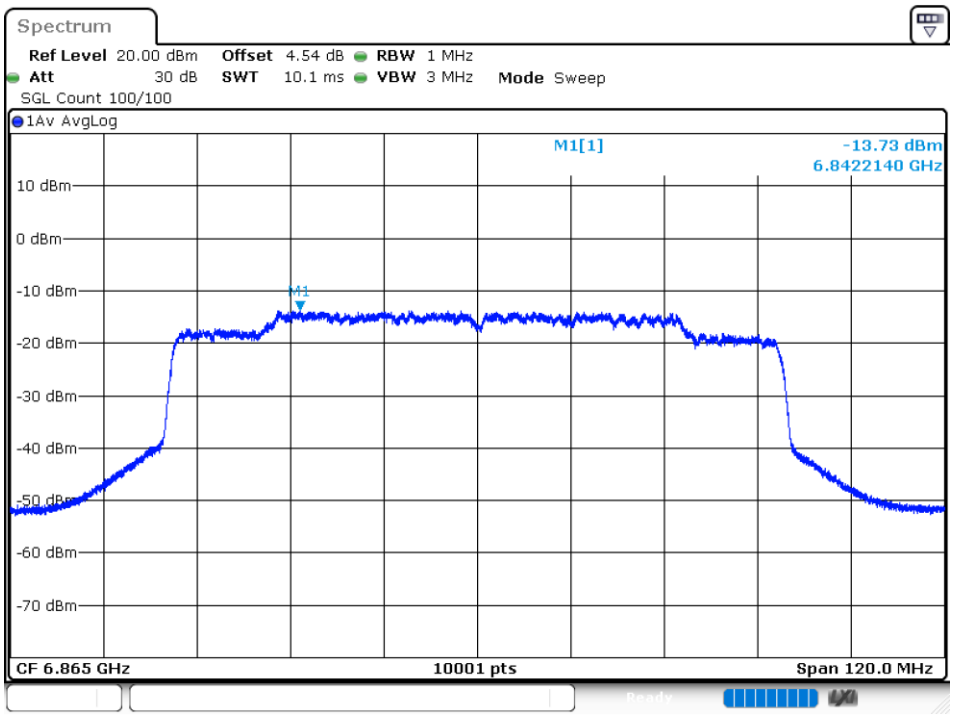
PSD NVNT ax40 7085MHz Ant2



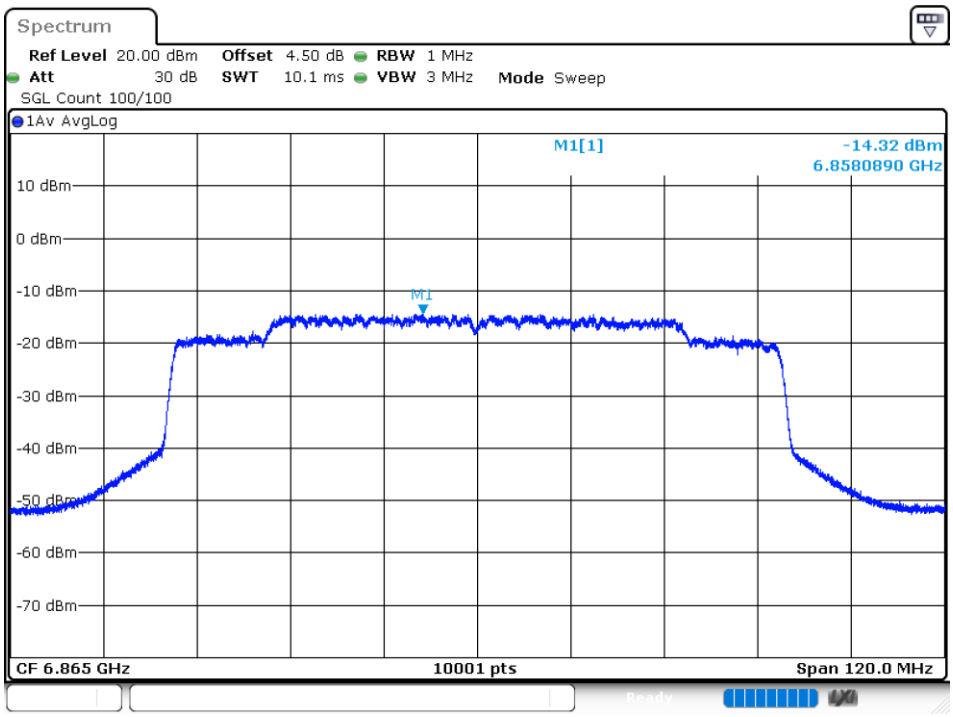
PSD NVNT ax80 6865MHz Ant1



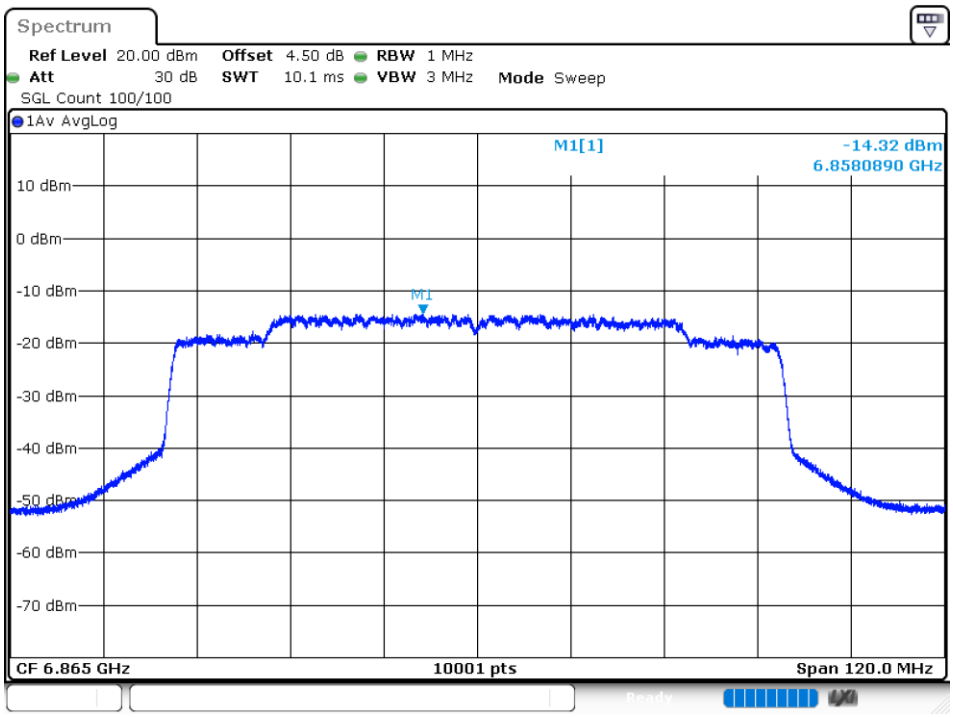
PSD NVNT ax80 6865MHz Ant1



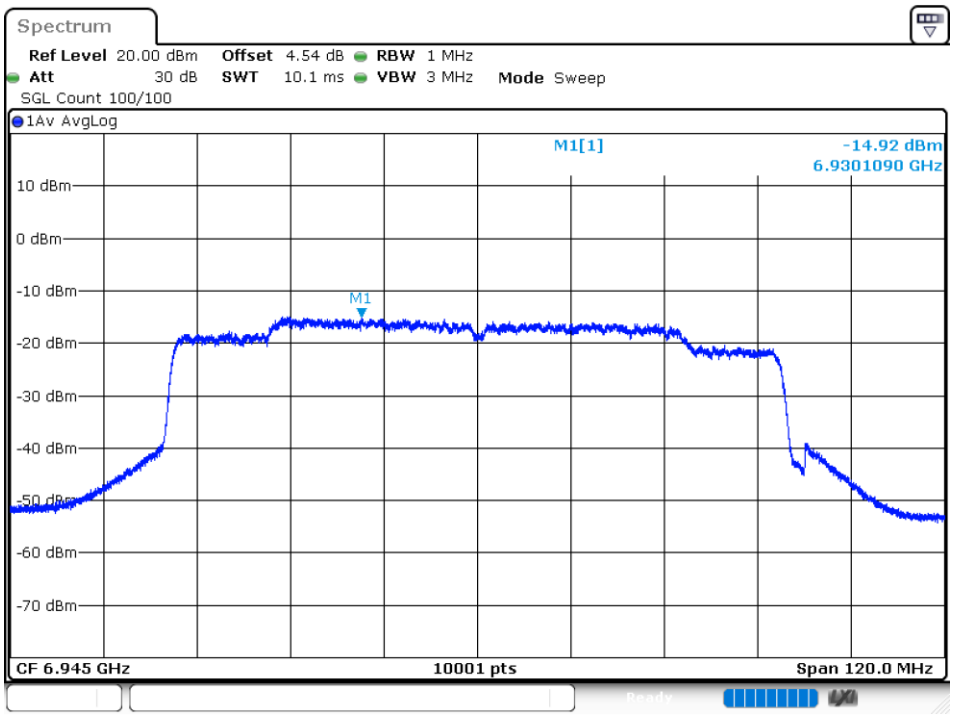
PSD NVNT ax80 6865MHz Ant2



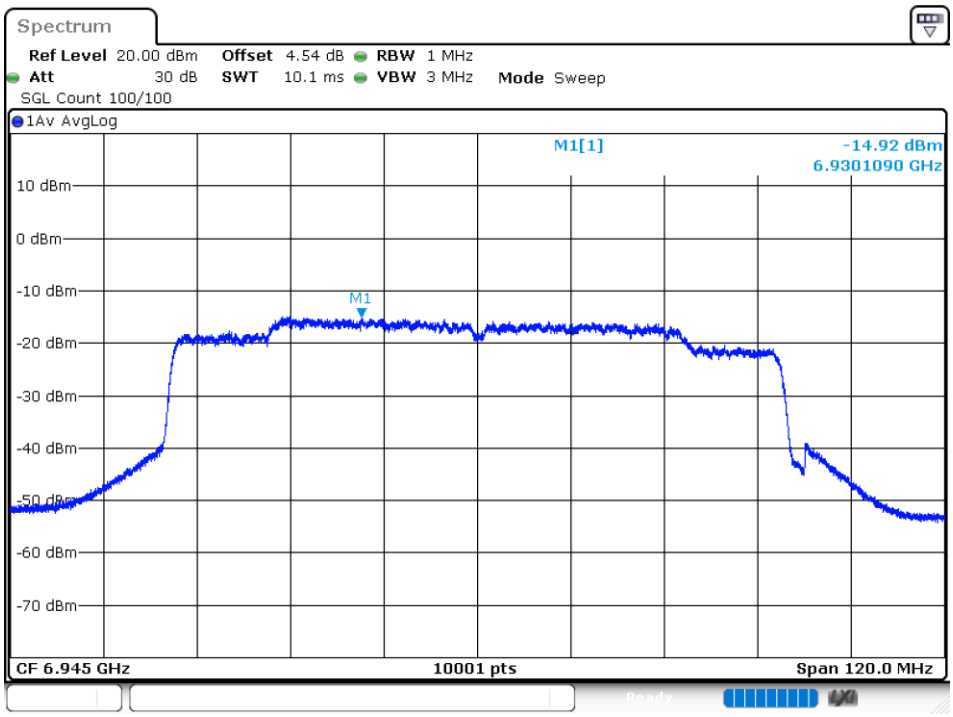
PSD NVNT ax80 6865MHz Ant2



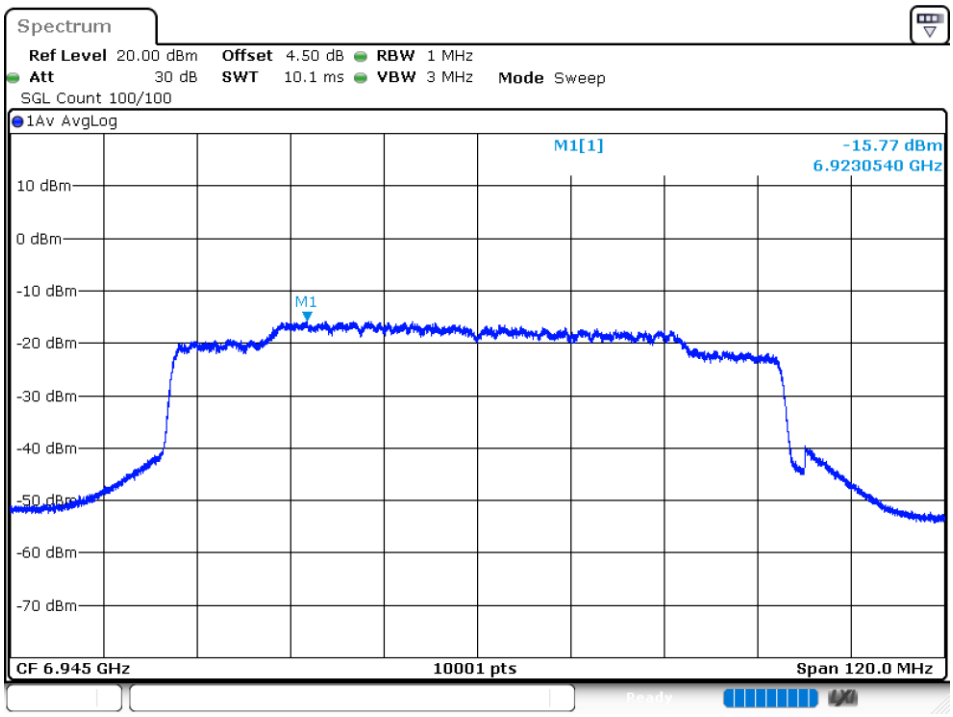
PSD NVNT ax80 6945MHz Ant1



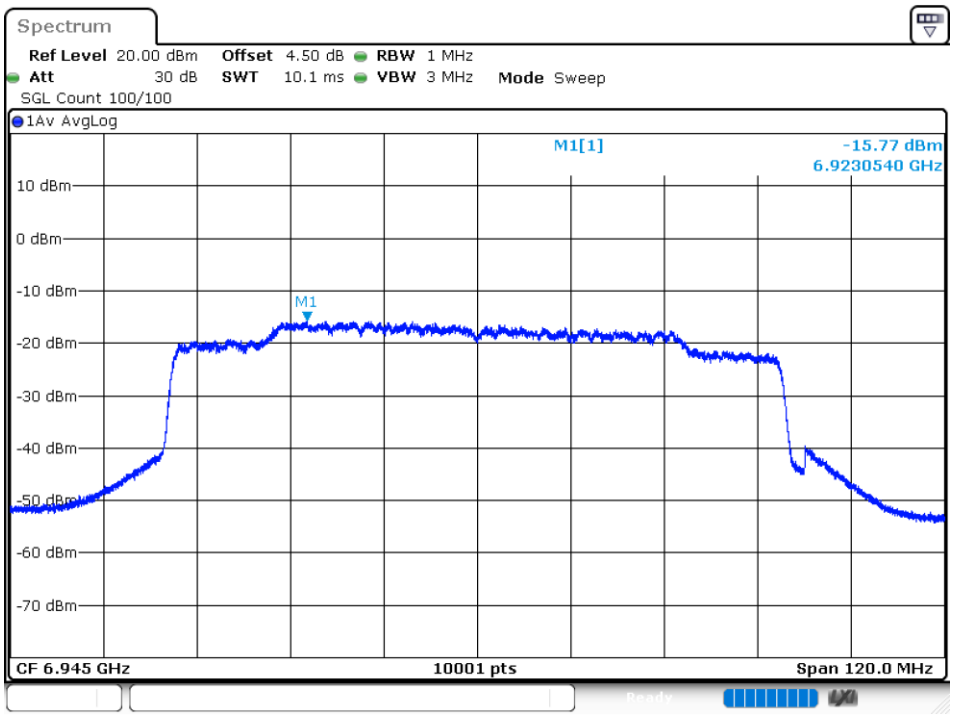
PSD NVNT ax80 6945MHz Ant1



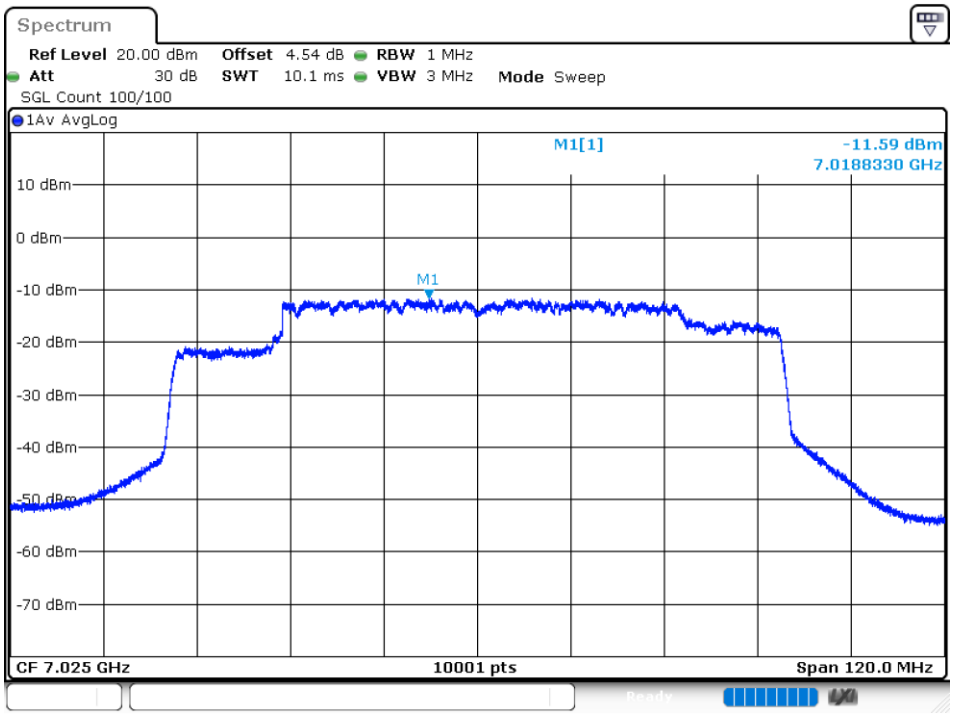
PSD NVNT ax80 6945MHz Ant2



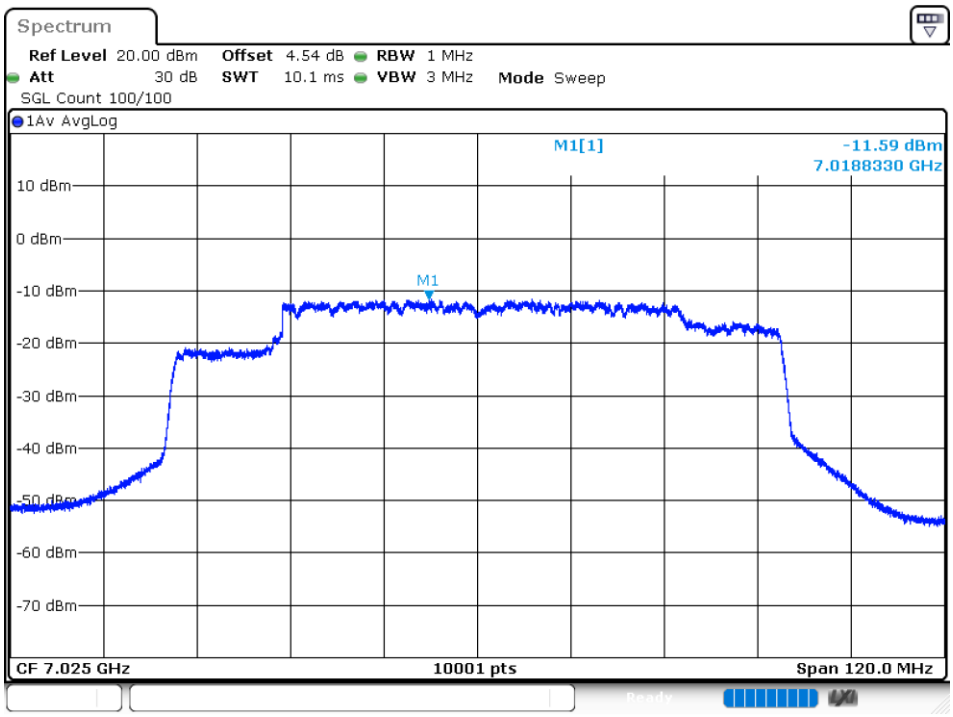
PSD NVNT ax80 6945MHz Ant2



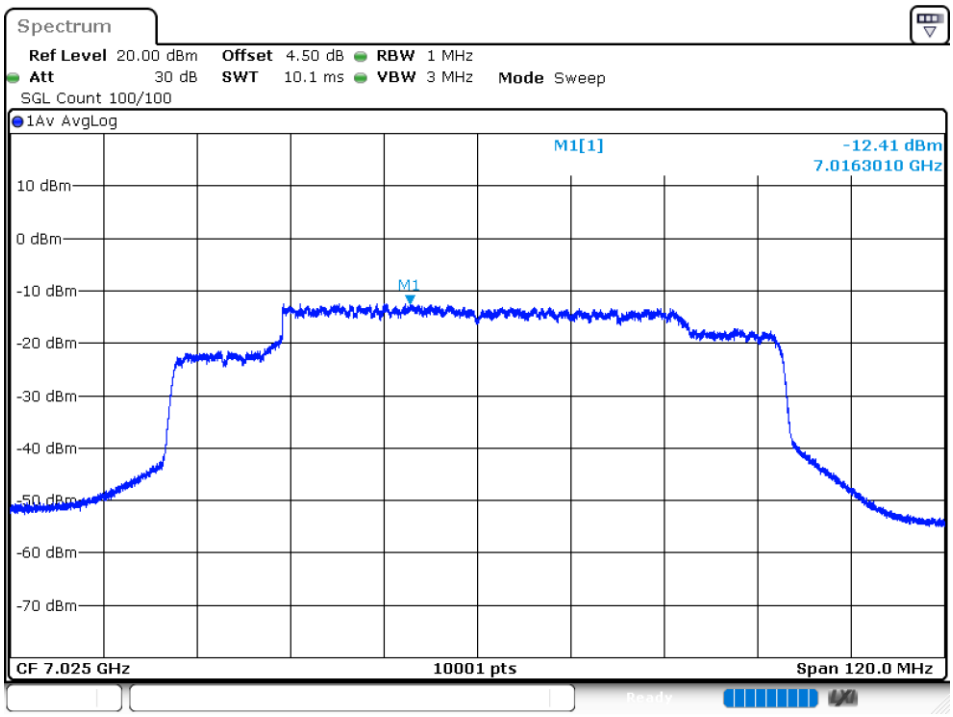
PSD NVNT ax80 7025MHz Ant1



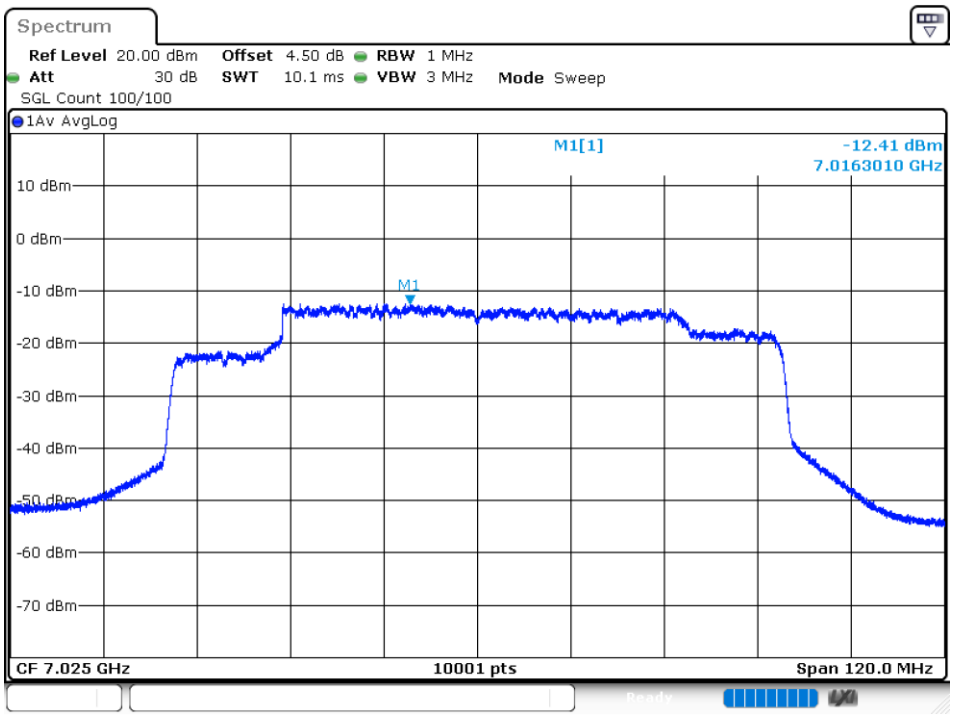
PSD NVNT ax80 7025MHz Ant1



PSD NVNT ax80 7025MHz Ant2



PSD NVNT ax80 7025MHz Ant2

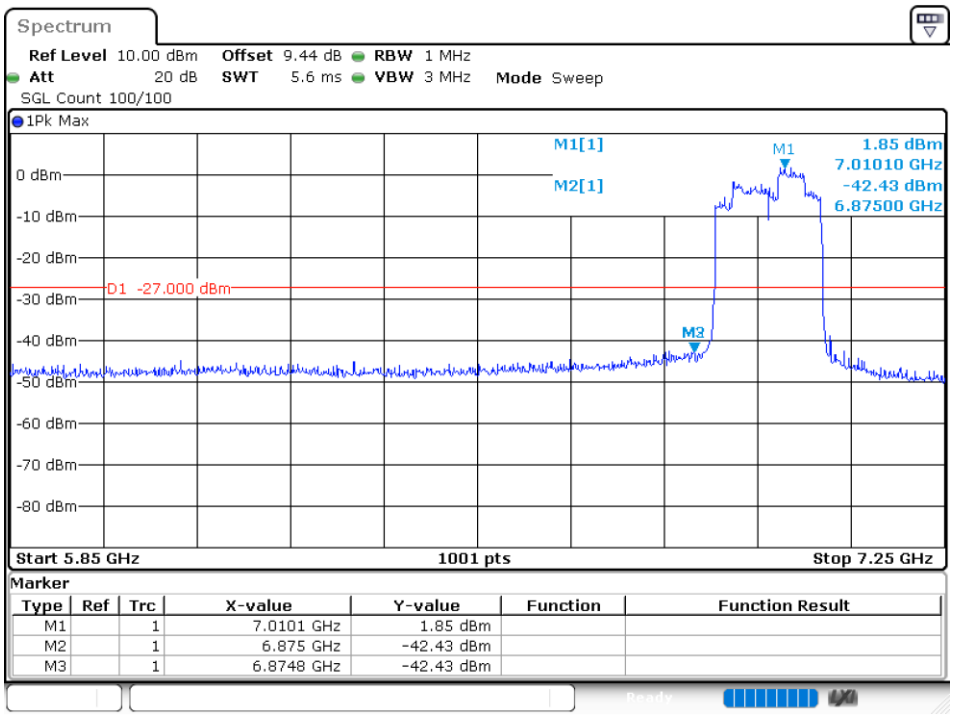


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	-42.42	-27	Pass
NVNT	ax160	6985	Ant2	-44.43	-27	Pass
NVNT	ax20	6875	Ant1	-46.18	-27	Pass
NVNT	ax20	7115	Ant1	-46.51	-27	Pass
NVNT	ax20	6875	Ant2	-46.36	-27	Pass
NVNT	ax20	7115	Ant2	-47.07	-27	Pass
NVNT	ax40	6885	Ant1	-46.08	-27	Pass
NVNT	ax40	7085	Ant1	-38.98	-27	Pass
NVNT	ax40	6885	Ant2	-45.87	-27	Pass
NVNT	ax40	7085	Ant2	-41.18	-27	Pass
NVNT	ax80	6865	Ant1	-46.43	-27	Pass
NVNT	ax80	7025	Ant1	-46.96	-27	Pass
NVNT	ax80	6865	Ant2	-45.92	-27	Pass
NVNT	ax80	7025	Ant2	-47.18	-27	Pass

Test Graphs

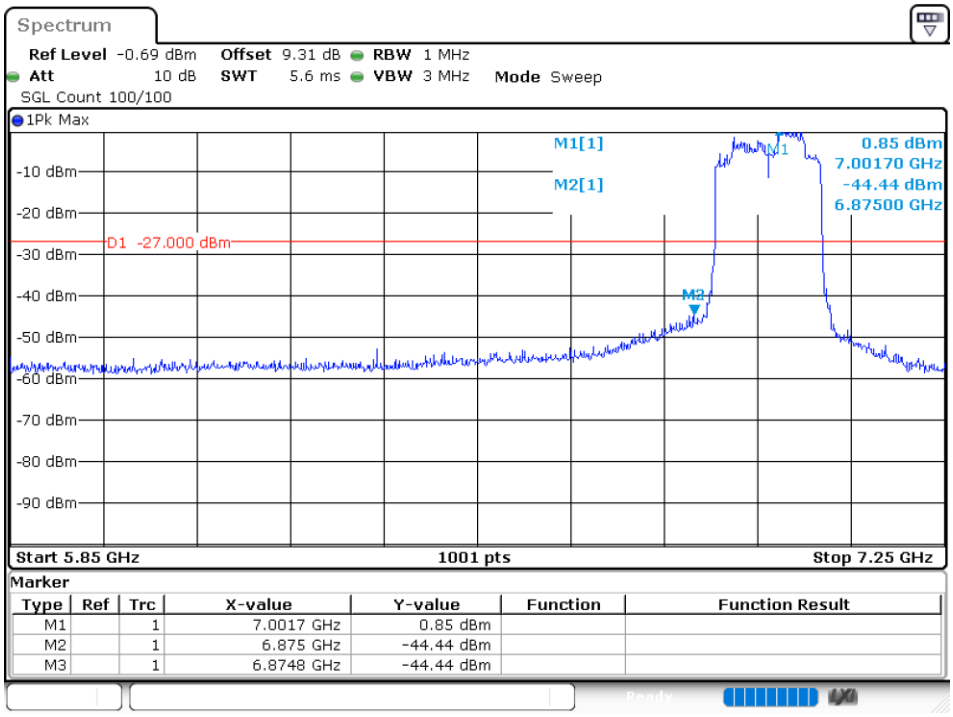
Band Edge NVNT ax160 6985MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	7.0101 GHz	1.85 dBm		
M2		1	6.875 GHz	-42.43 dBm		
M3		1	6.8748 GHz	-42.43 dBm		

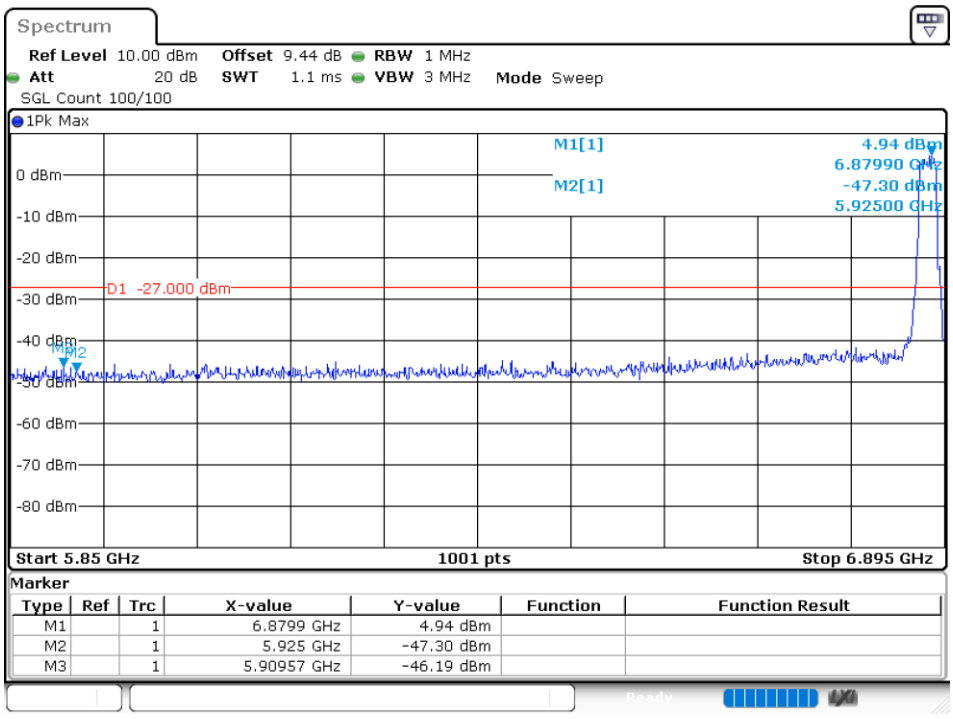
Band Edge NVNT ax160 6985MHz Low Ant2



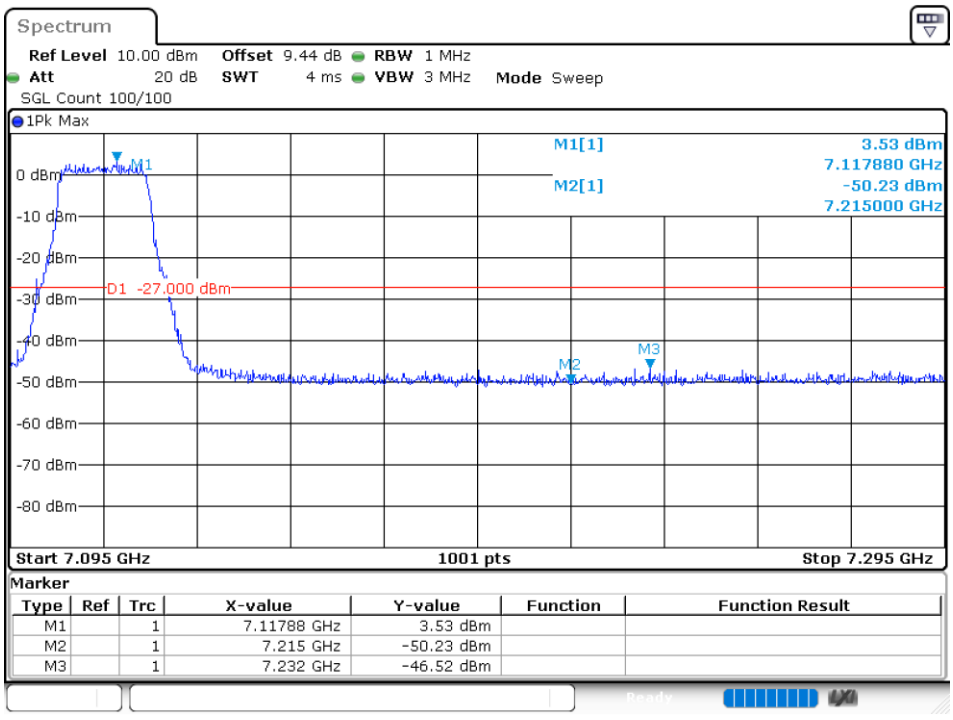
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	7.0017 GHz	0.85 dBm		
M2		1	6.875 GHz	-44.44 dBm		
M3		1	6.8748 GHz	-44.44 dBm		

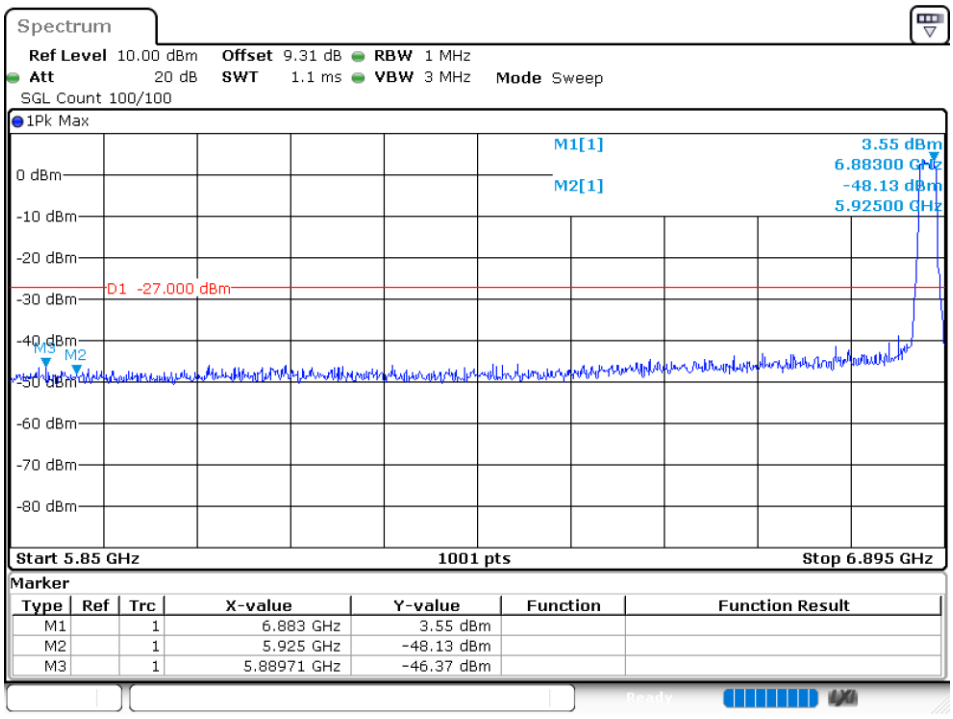
Band Edge NVNT ax20 6875MHz Low Ant1



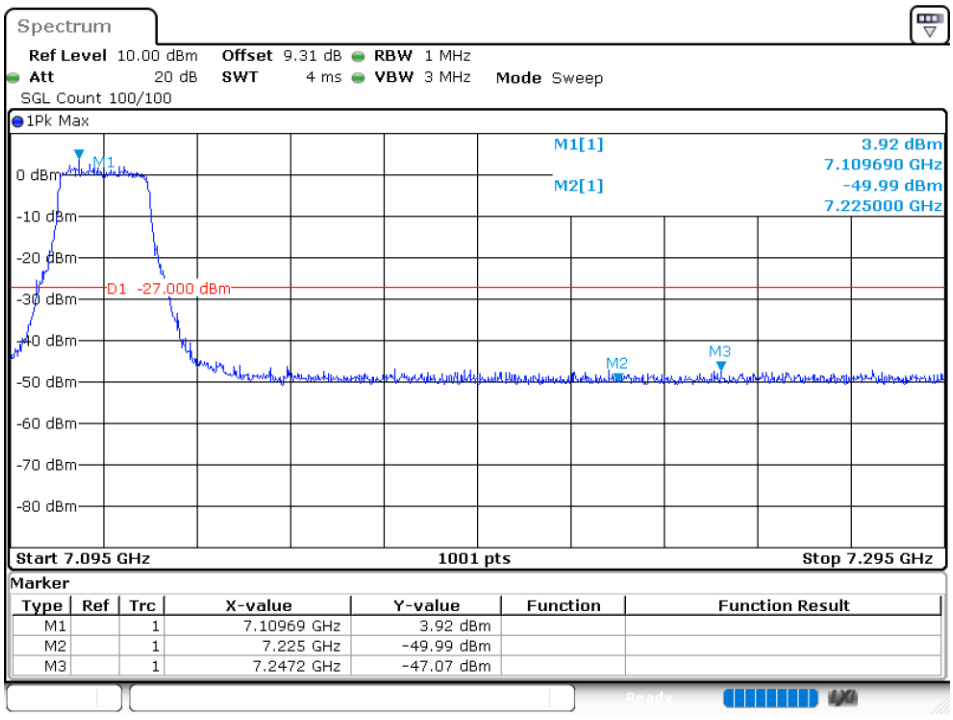
Band Edge NVNT ax20 7115MHz High Ant1



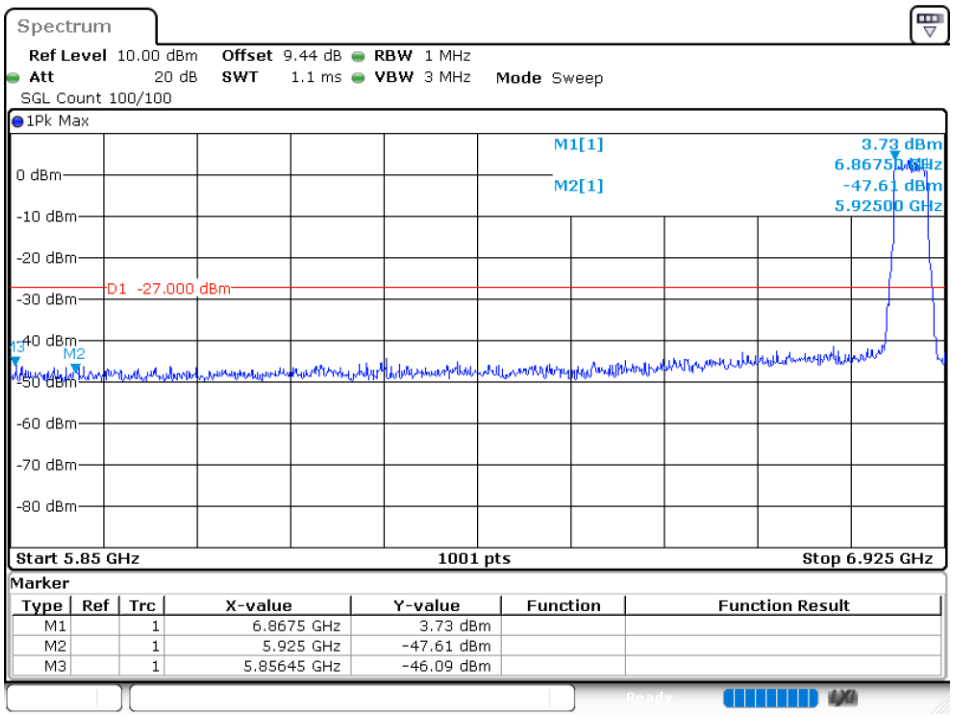
Band Edge NVNT ax20 6875MHz Low Ant2



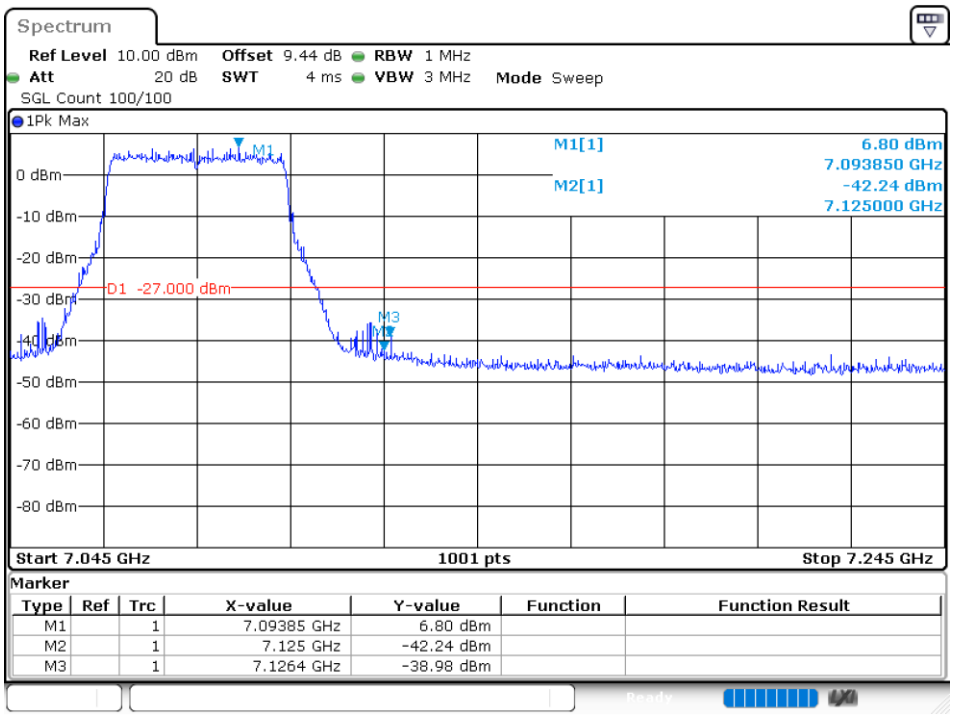
Band Edge NVNT ax20 7115MHz High Ant2



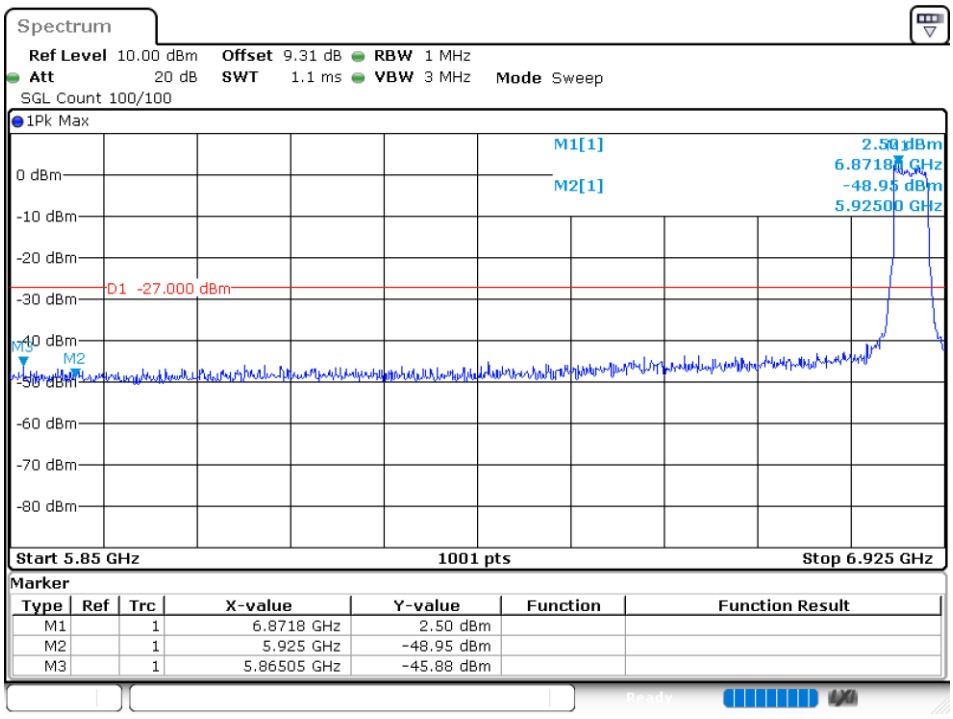
Band Edge NVNT ax40 6885MHz Low Ant1



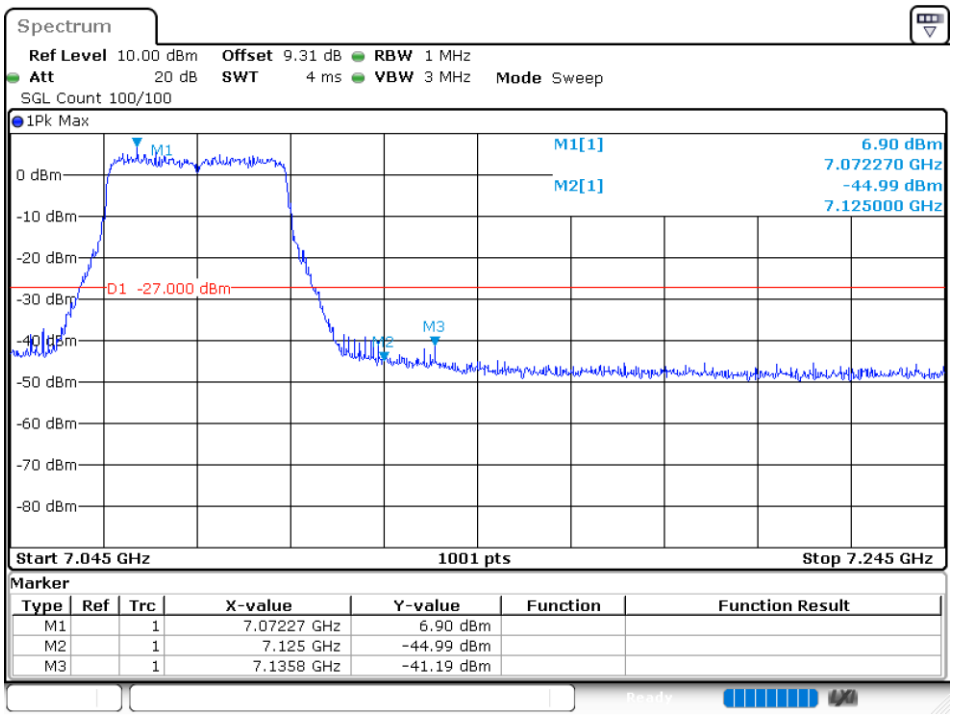
Band Edge NVNT ax40 7085MHz High Ant1



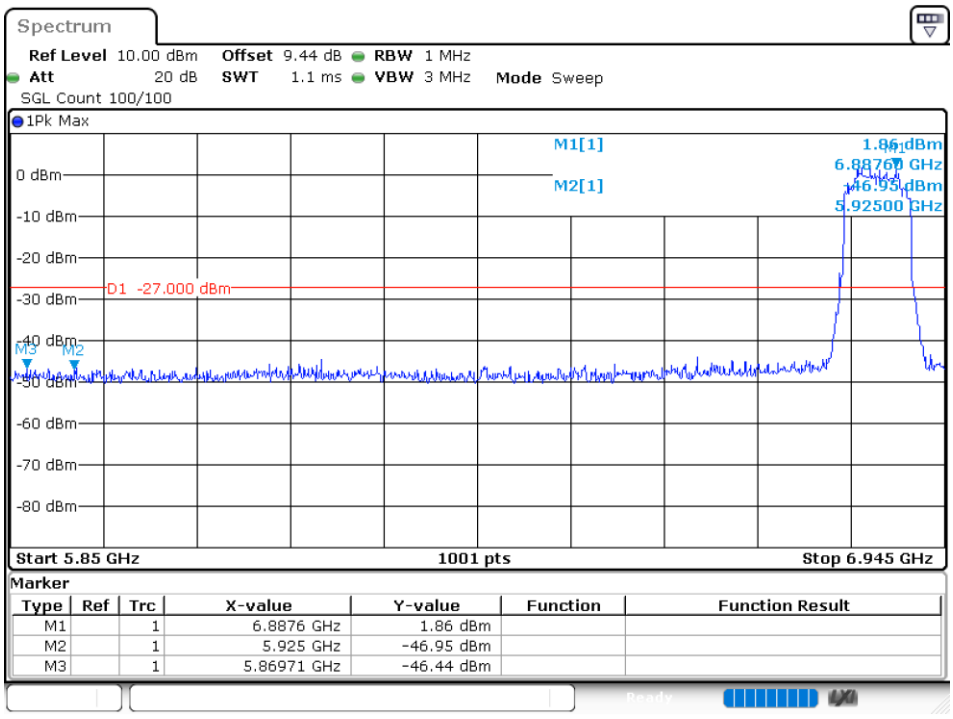
Band Edge NVNT ax40 6885MHz Low Ant2



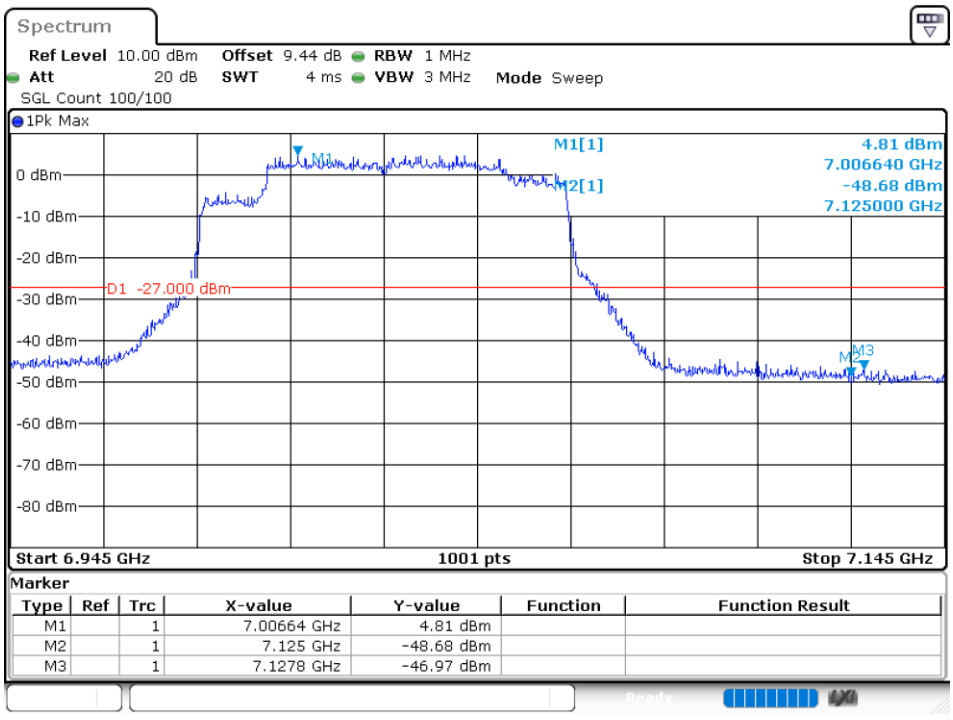
Band Edge NVNT ax40 7085MHz High Ant2



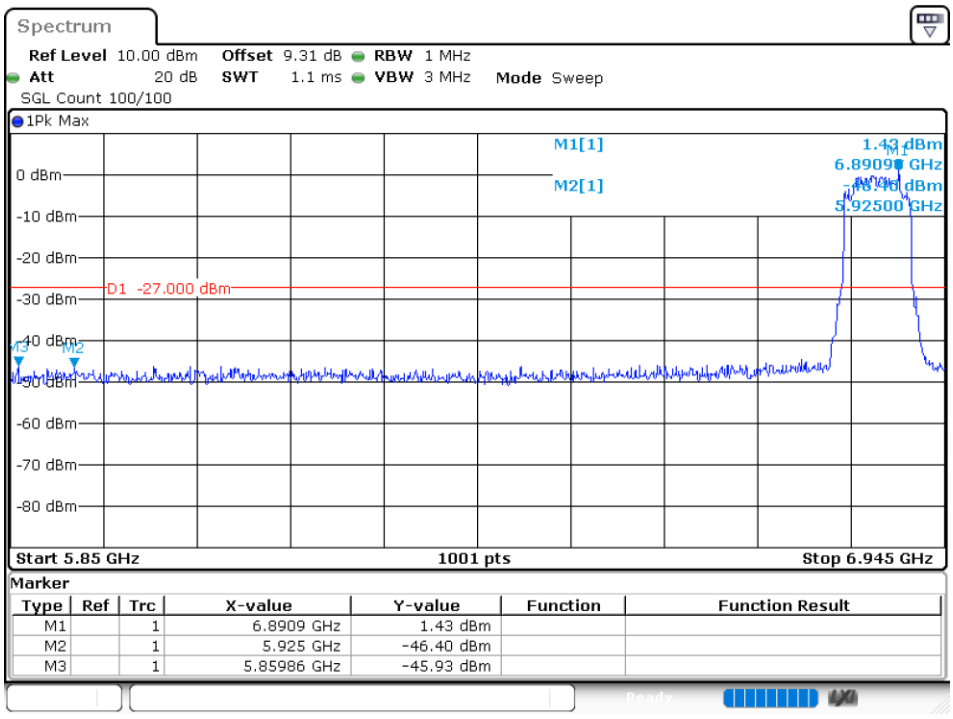
Band Edge NVNT ax80 6865MHz Low Ant1



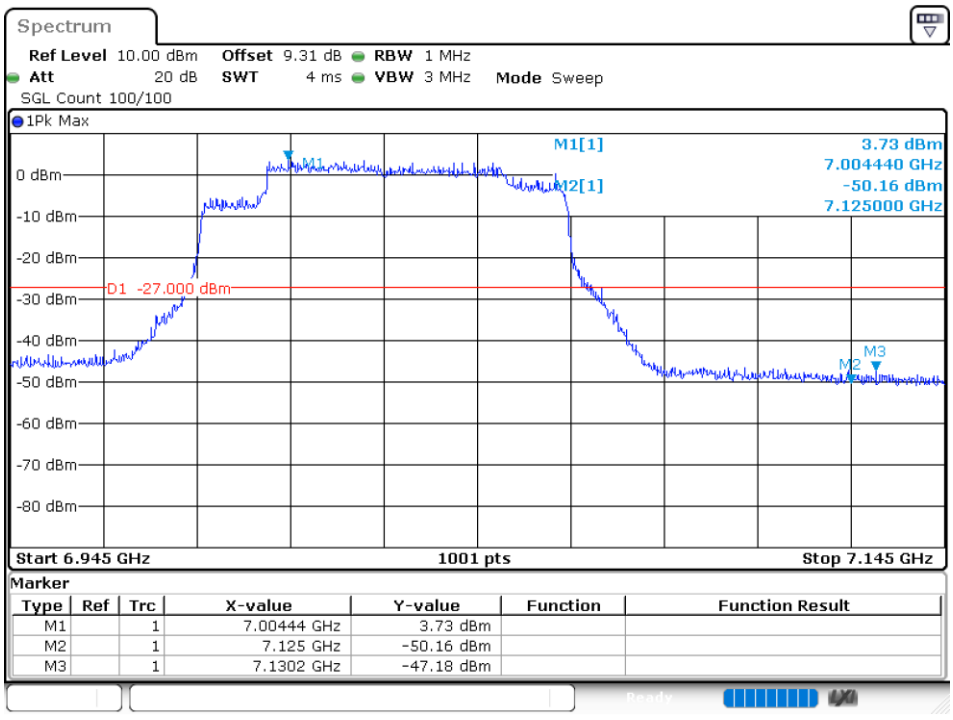
Band Edge NVNT ax80 7025MHz High Ant1



Band Edge NVNT ax80 6865MHz Low Ant2



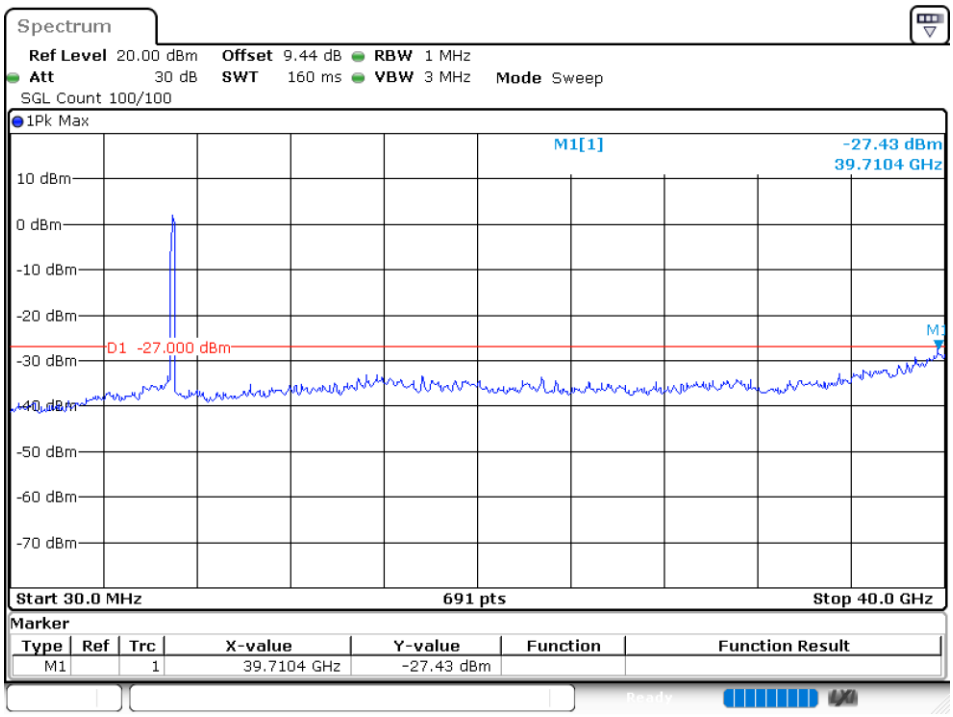
Band Edge NVNT ax80 7025MHz High Ant2



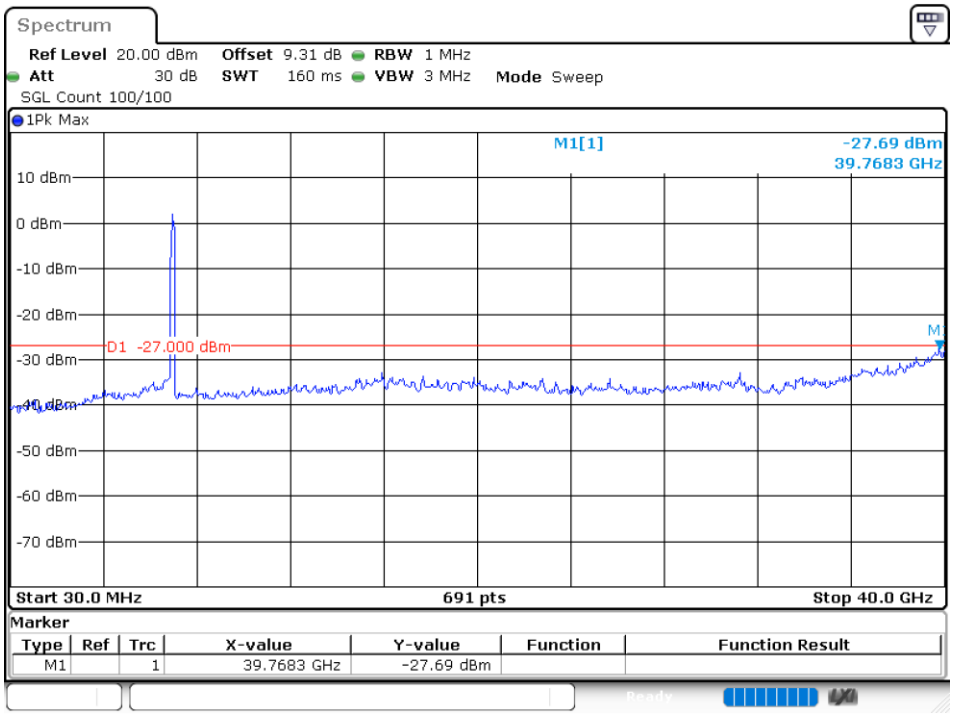
Conducted RF Spurious Emission

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	-27.42	-27	Pass
NVNT	ax160	6985	Ant2	-27.68	-27	Pass
NVNT	ax20	6875	Ant1	-28.18	-27	Pass
NVNT	ax20	6995	Ant1	-27.05	-27	Pass
NVNT	ax20	7115	Ant1	-27.83	-27	Pass
NVNT	ax20	6875	Ant2	-27.24	-27	Pass
NVNT	ax20	6995	Ant2	-28.34	-27	Pass
NVNT	ax20	7115	Ant2	-36.62	-27	Pass
NVNT	ax40	6885	Ant1	-28.36	-27	Pass
NVNT	ax40	6965	Ant1	-27.63	-27	Pass
NVNT	ax40	7085	Ant1	-27.81	-27	Pass
NVNT	ax40	6885	Ant2	-27.87	-27	Pass
NVNT	ax40	6965	Ant2	-27.79	-27	Pass
NVNT	ax40	7085	Ant2	-27.65	-27	Pass
NVNT	ax80	6865	Ant1	-27.6	-27	Pass
NVNT	ax80	6945	Ant1	-27.61	-27	Pass
NVNT	ax80	7025	Ant1	-28.27	-27	Pass
NVNT	ax80	6865	Ant2	-28.16	-27	Pass
NVNT	ax80	6945	Ant2	-28.01	-27	Pass
NVNT	ax80	7025	Ant2	-28.07	-27	Pass

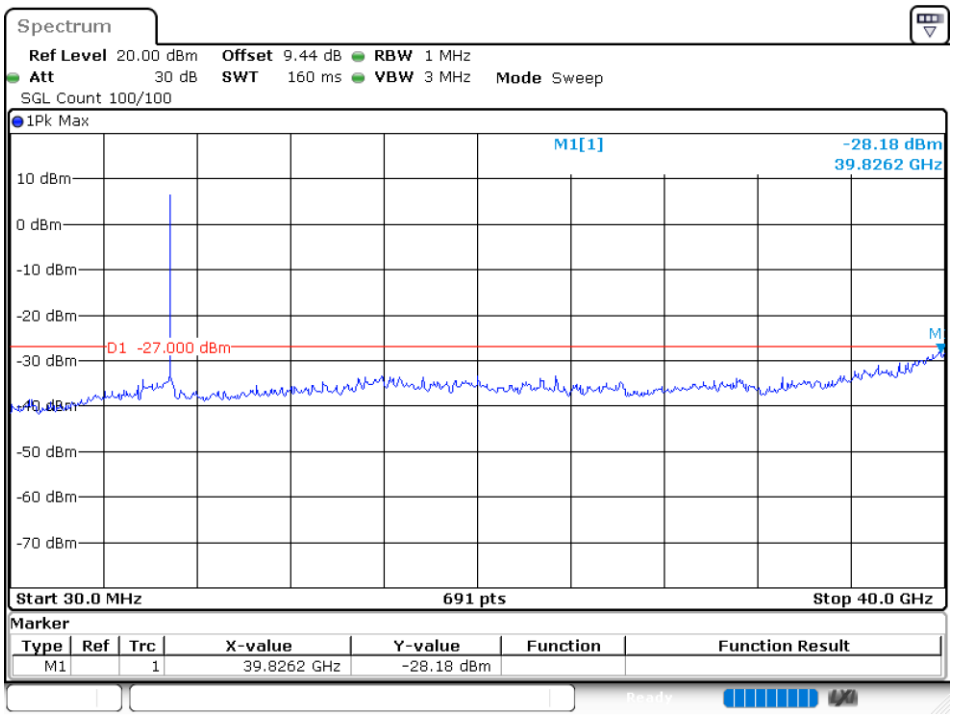
Test Graphs
Tx. Spurious NVNT ax160 6985MHz Ant1 Emission



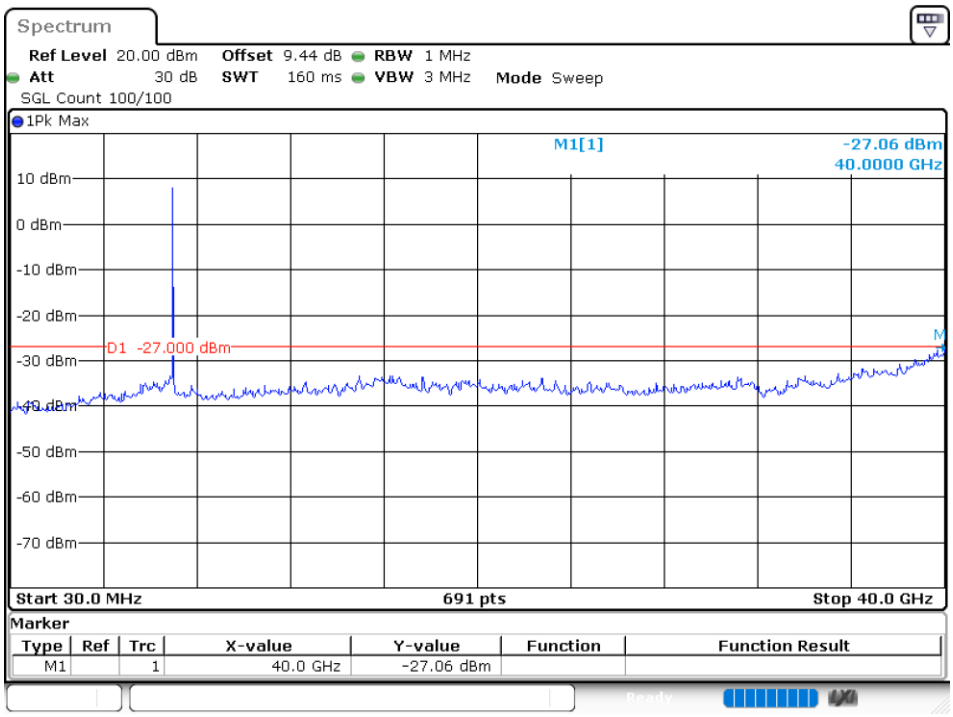
Tx. Spurious NVNT ax160 6985MHz Ant2 Emission



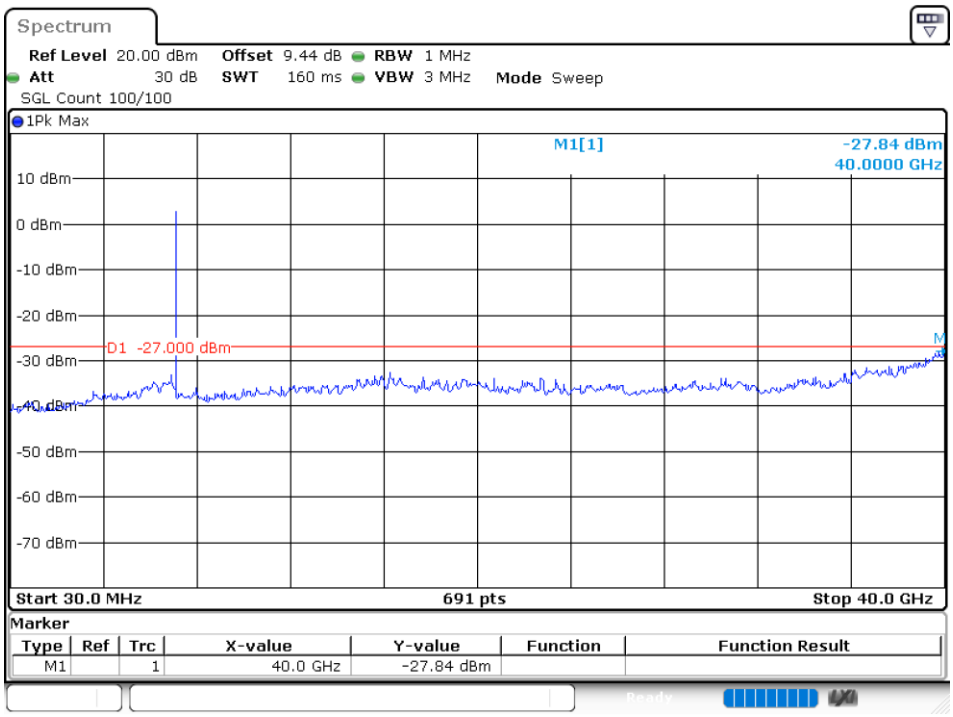
Tx. Spurious NVNT ax20 6875MHz Ant1 Emission



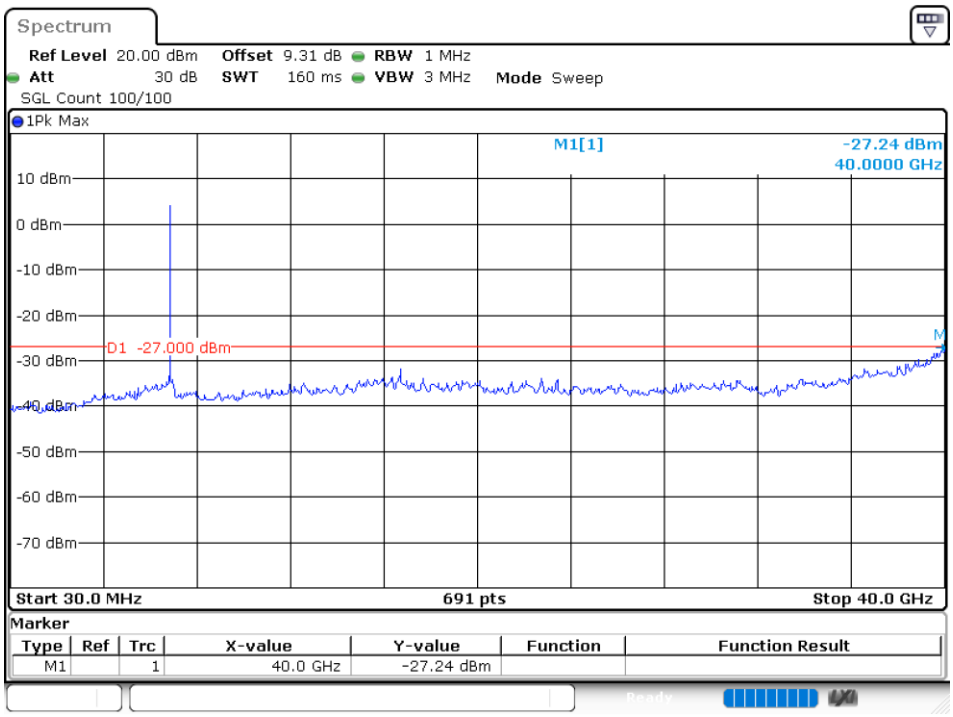
Tx. Spurious NVNT ax20 6995MHz Ant1 Emission



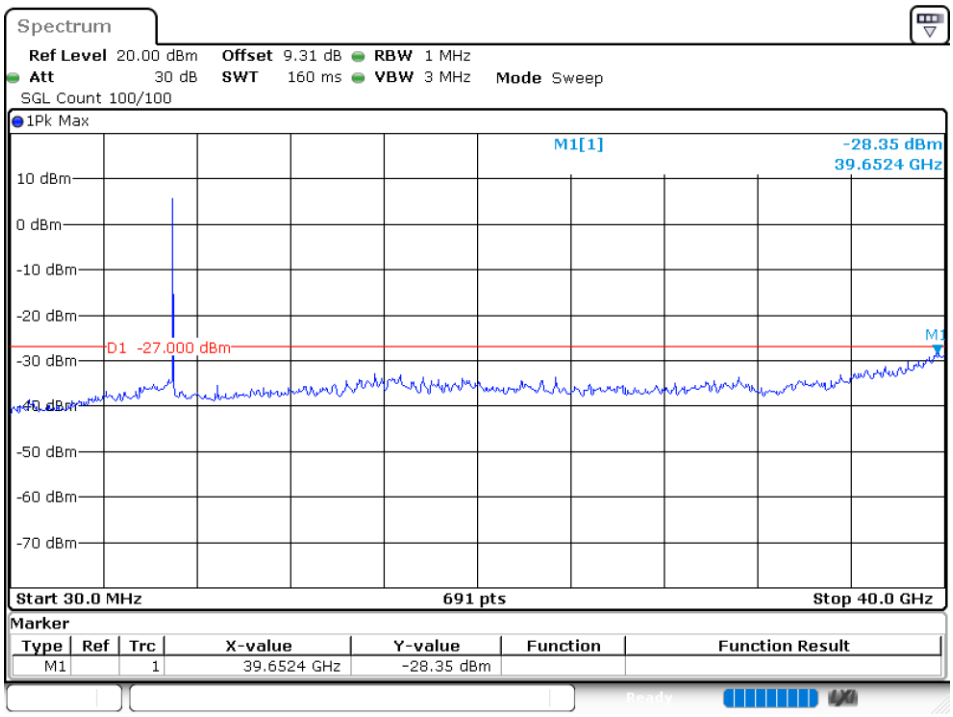
Tx. Spurious NVNT ax20 7115MHz Ant1 Emission



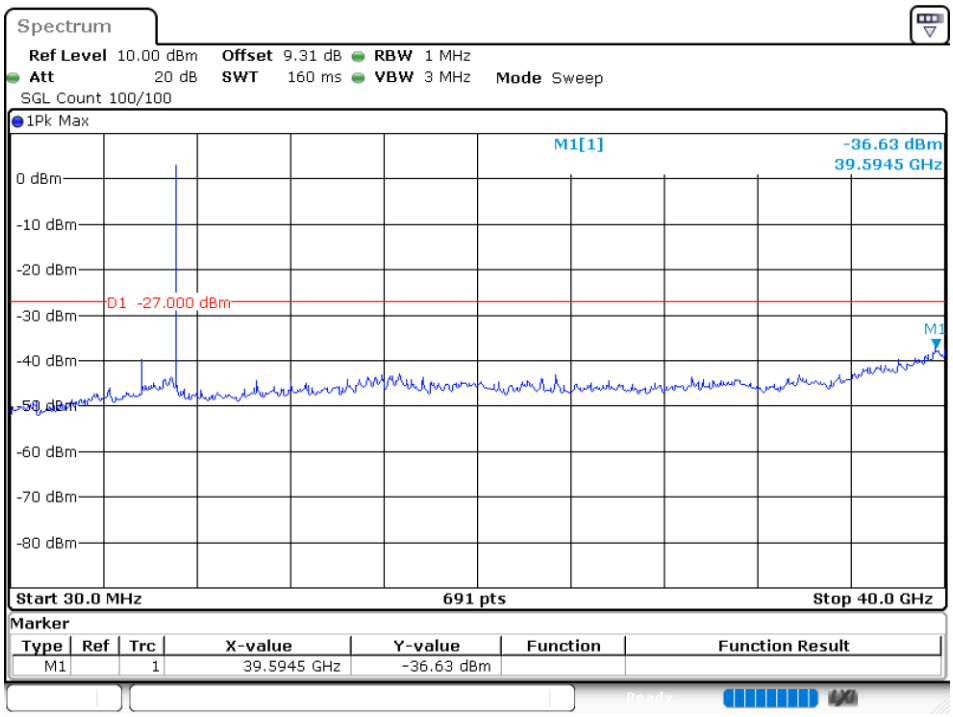
Tx. Spurious NVNT ax20 6875MHz Ant2 Emission



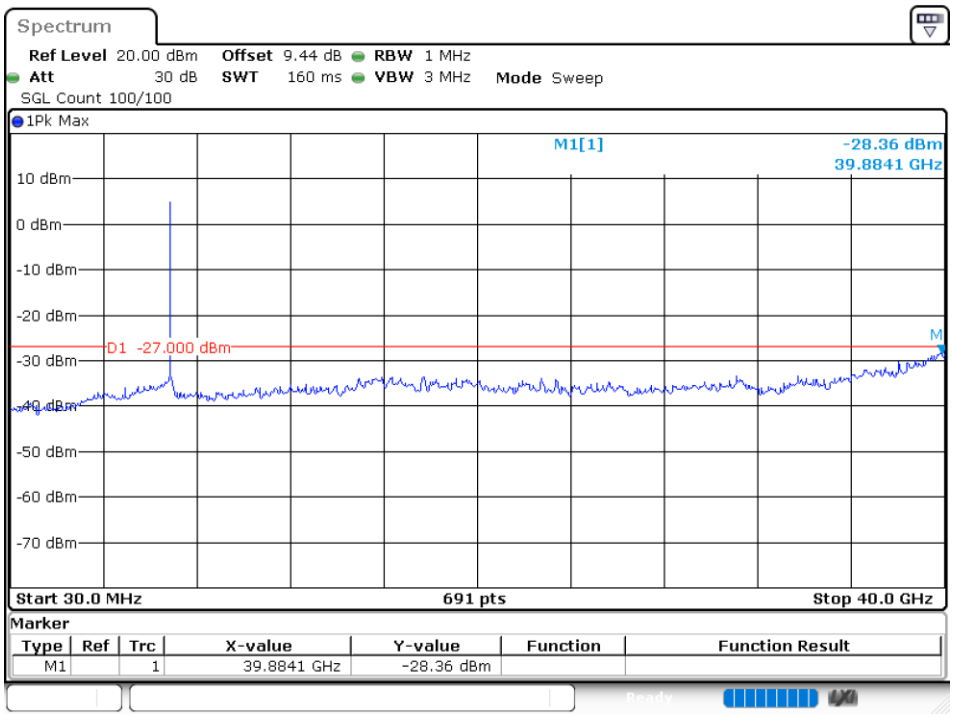
Tx. Spurious NVNT ax20 6995MHz Ant2 Emission



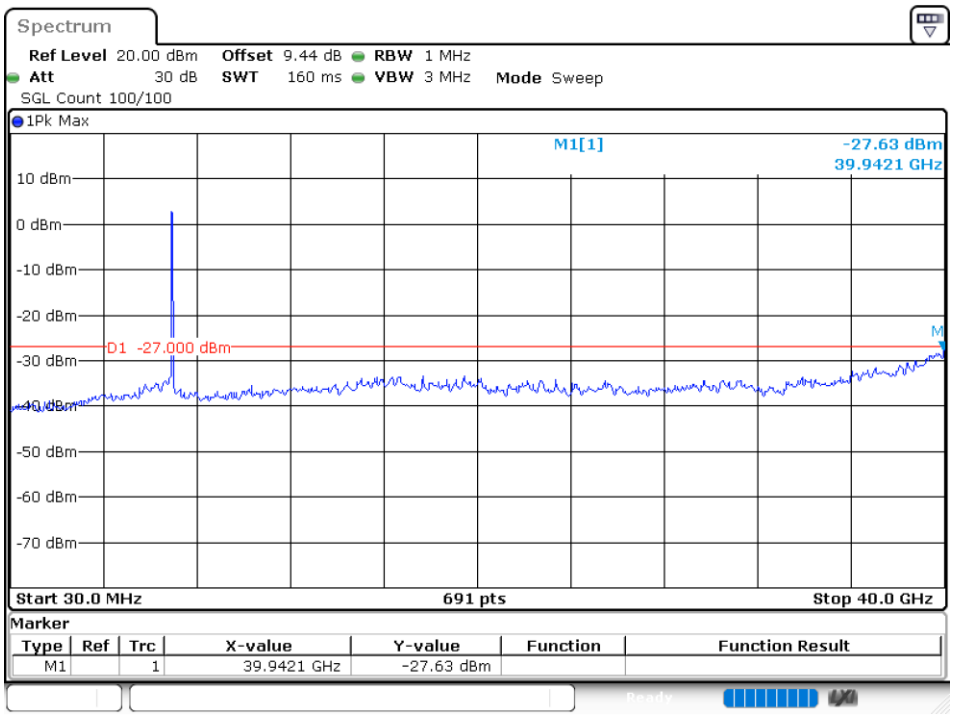
Tx. Spurious NVNT ax20 7115MHz Ant2 Emission



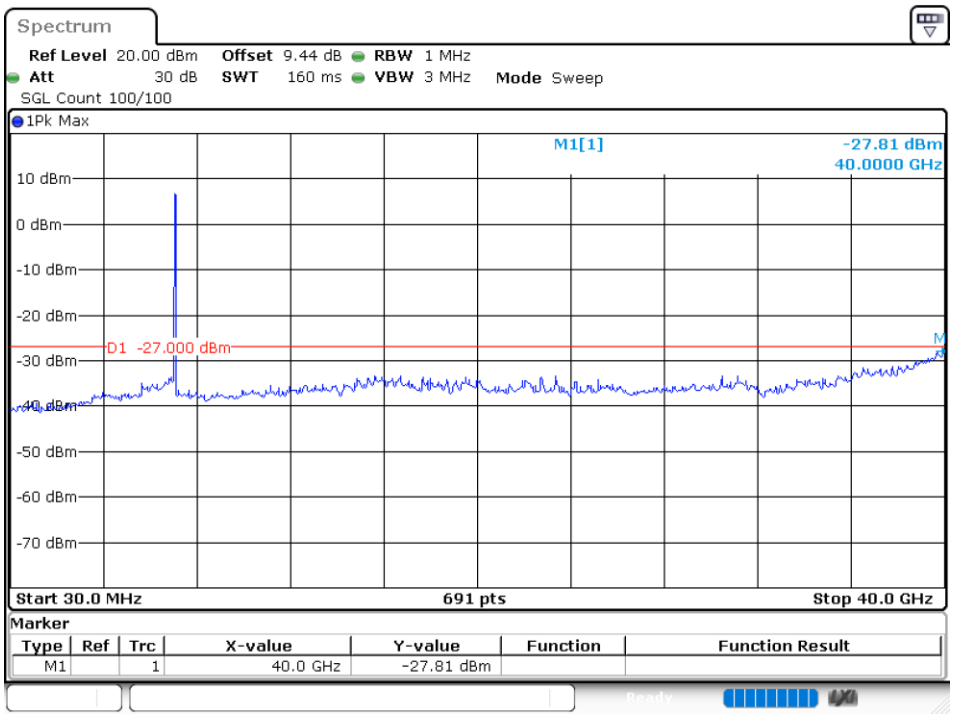
Tx. Spurious NVNT ax40 6885MHz Ant1 Emission



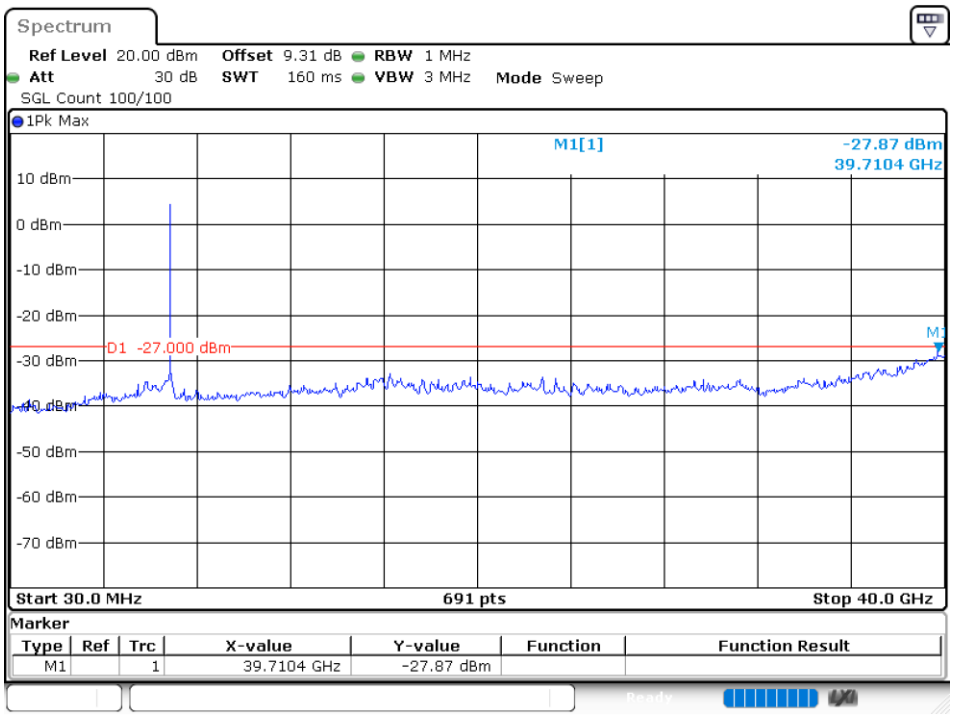
Tx. Spurious NVNT ax40 6965MHz Ant1 Emission



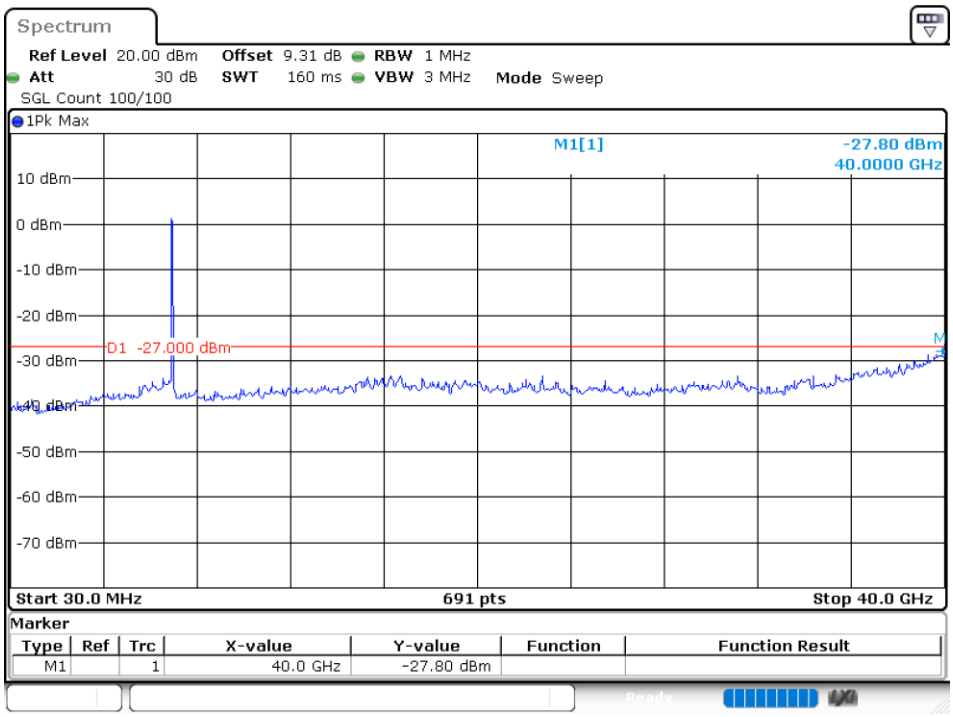
Tx. Spurious NVNT ax40 7085MHz Ant1 Emission



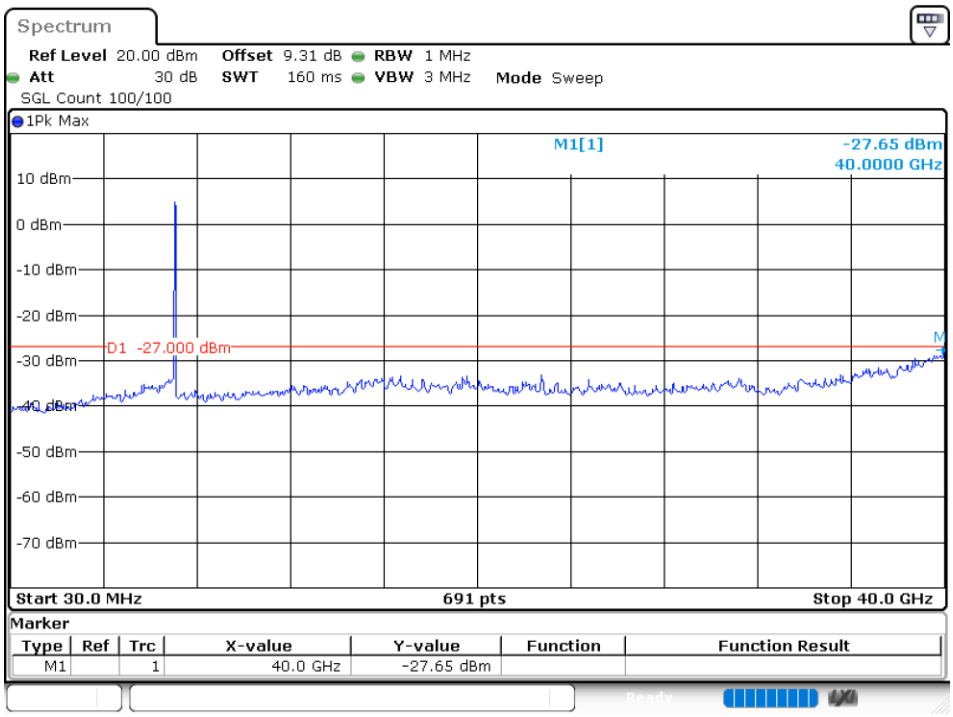
Tx. Spurious NVNT ax40 6885MHz Ant2 Emission



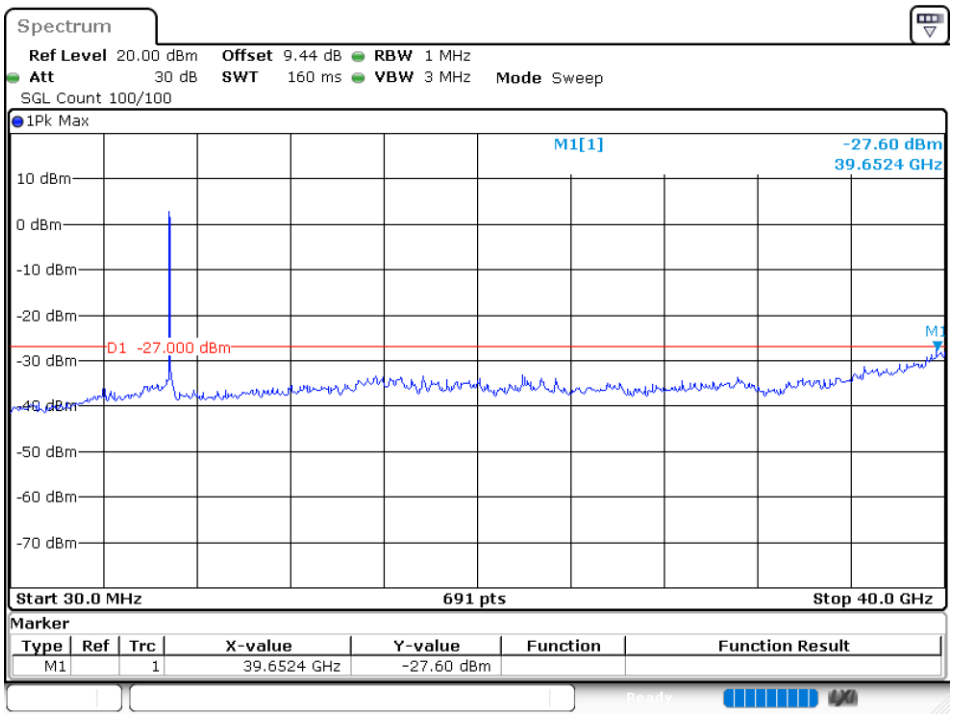
Tx. Spurious NVNT ax40 6965MHz Ant2 Emission



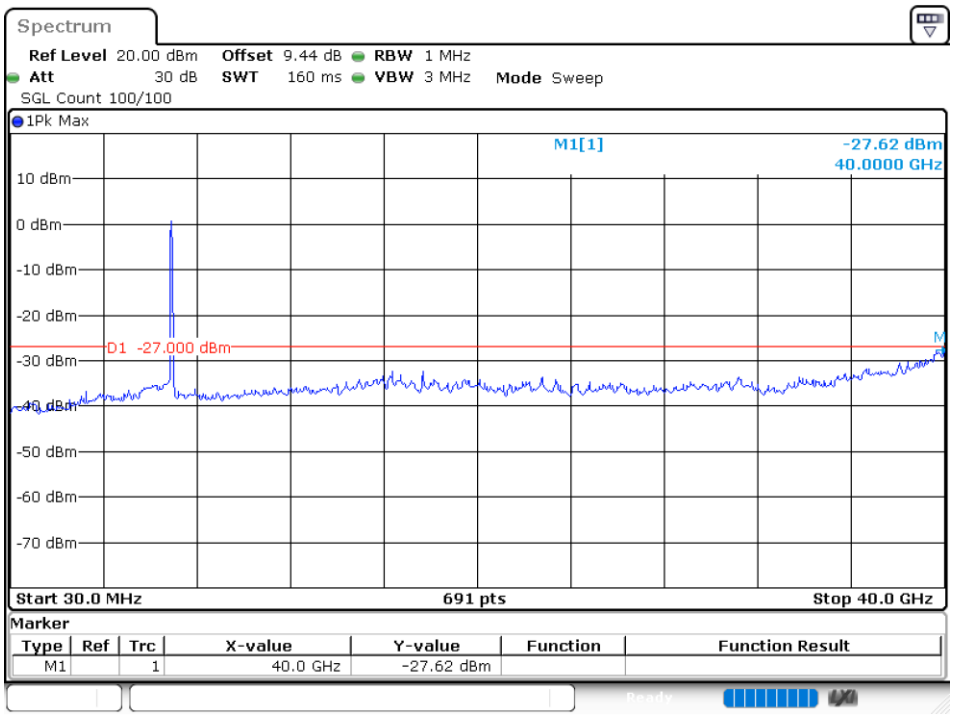
Tx. Spurious NVNT ax40 7085MHz Ant2 Emission



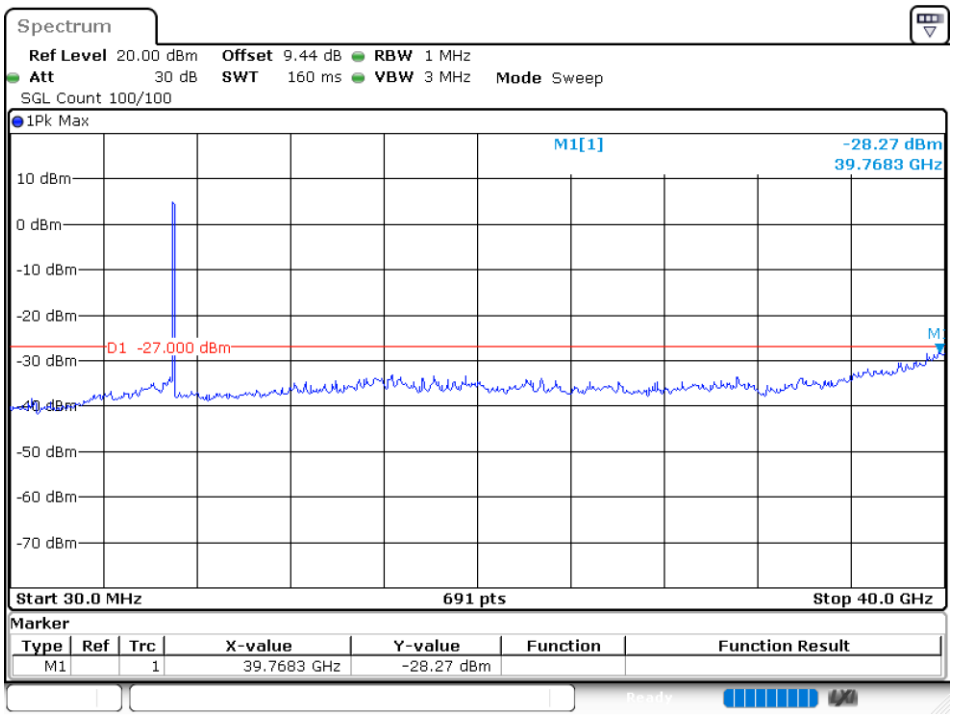
Tx. Spurious NVNT ax80 6865MHz Ant1 Emission



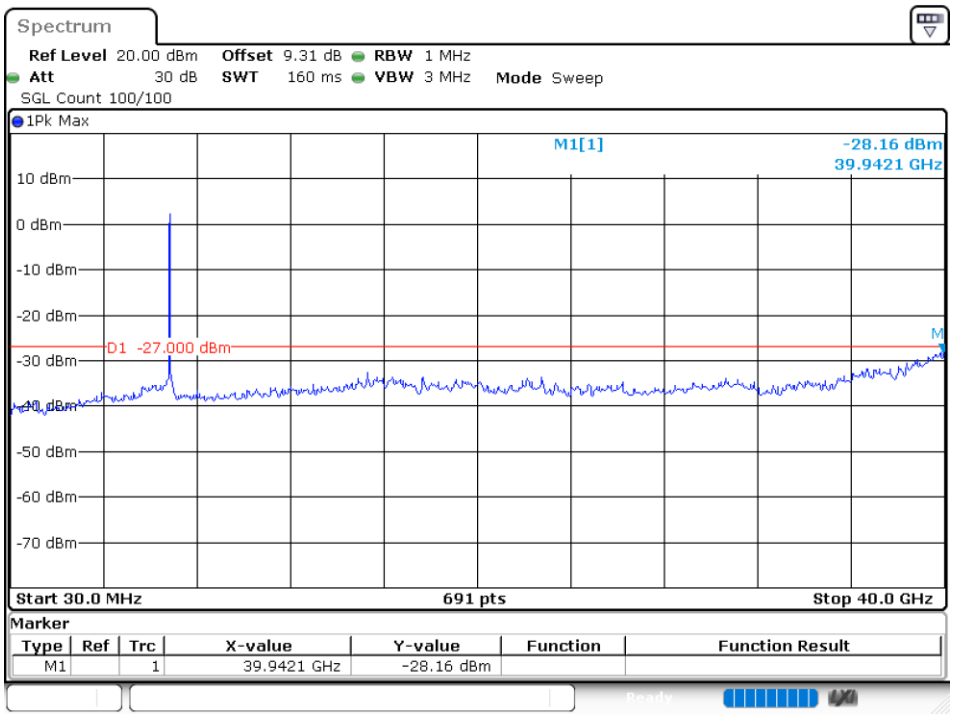
Tx. Spurious NVNT ax80 6945MHz Ant1 Emission



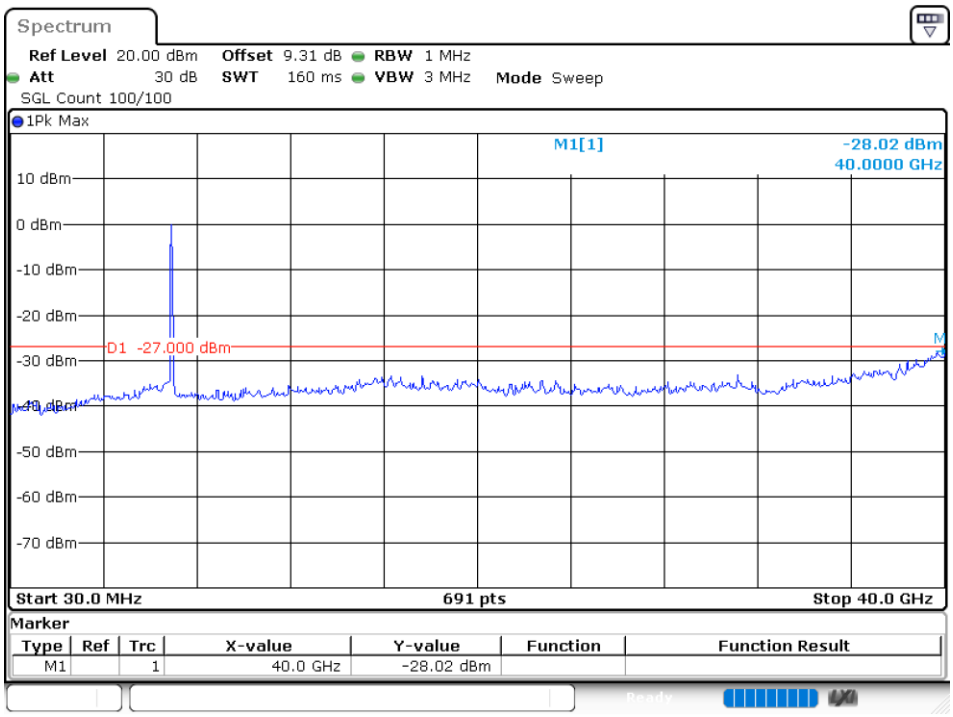
Tx. Spurious NVNT ax80 7025MHz Ant1 Emission



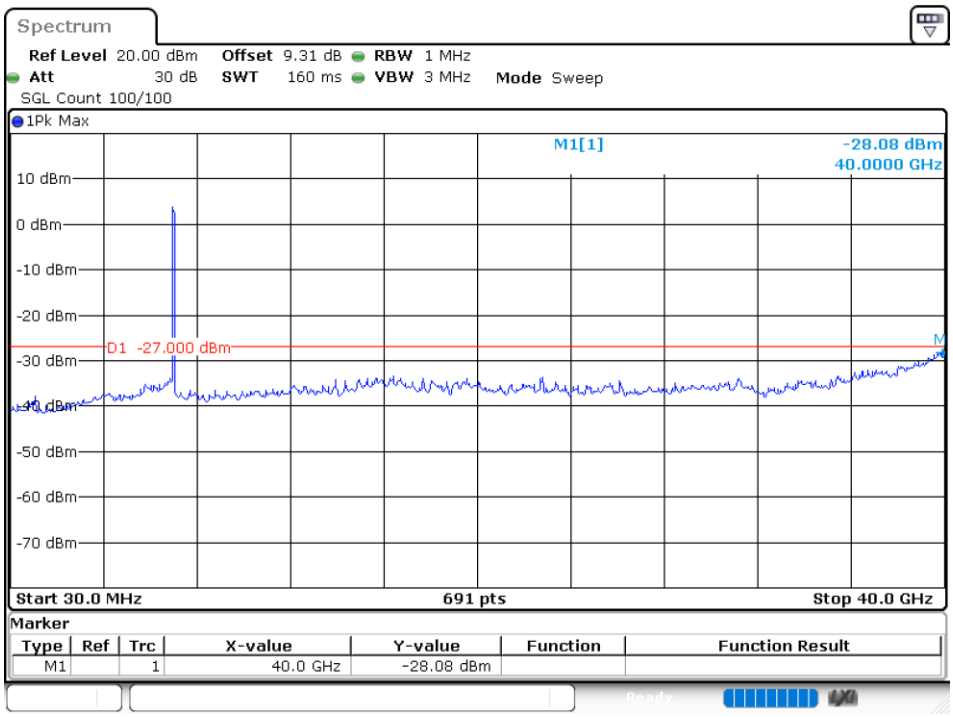
Tx. Spurious NVNT ax80 6865MHz Ant2 Emission



Tx. Spurious NVNT ax80 6945MHz Ant2 Emission



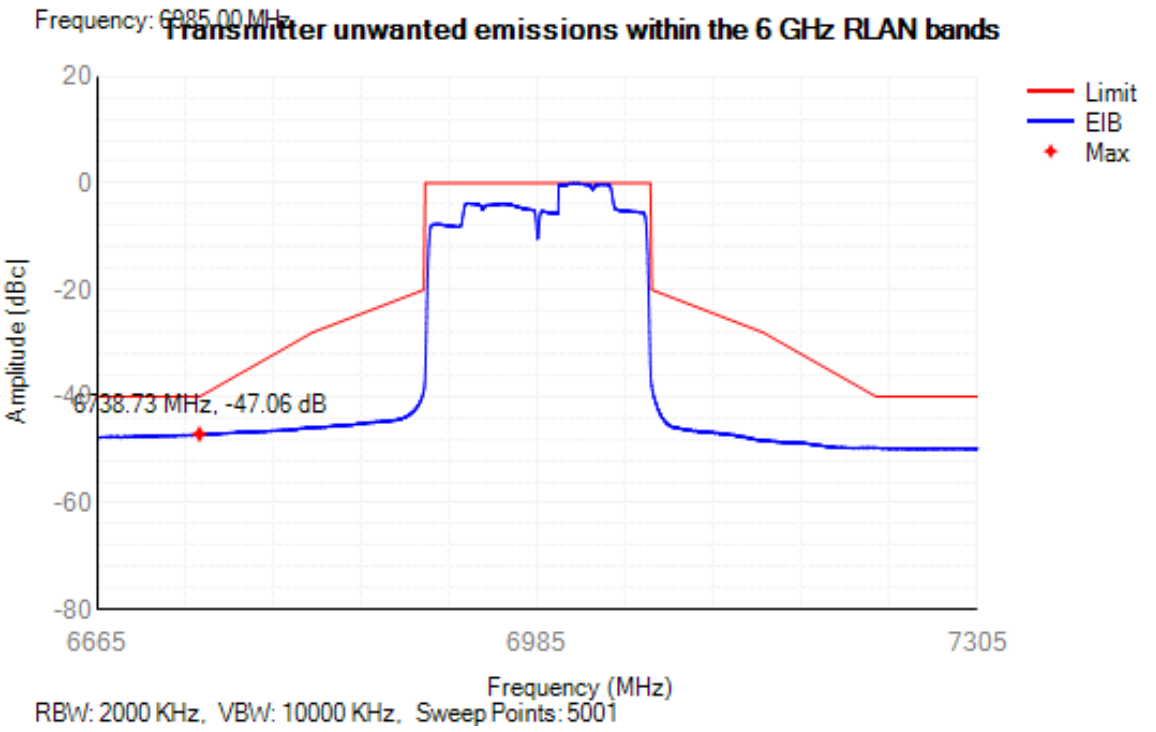
Tx. Spurious NVNT ax80 7025MHz Ant2 Emission



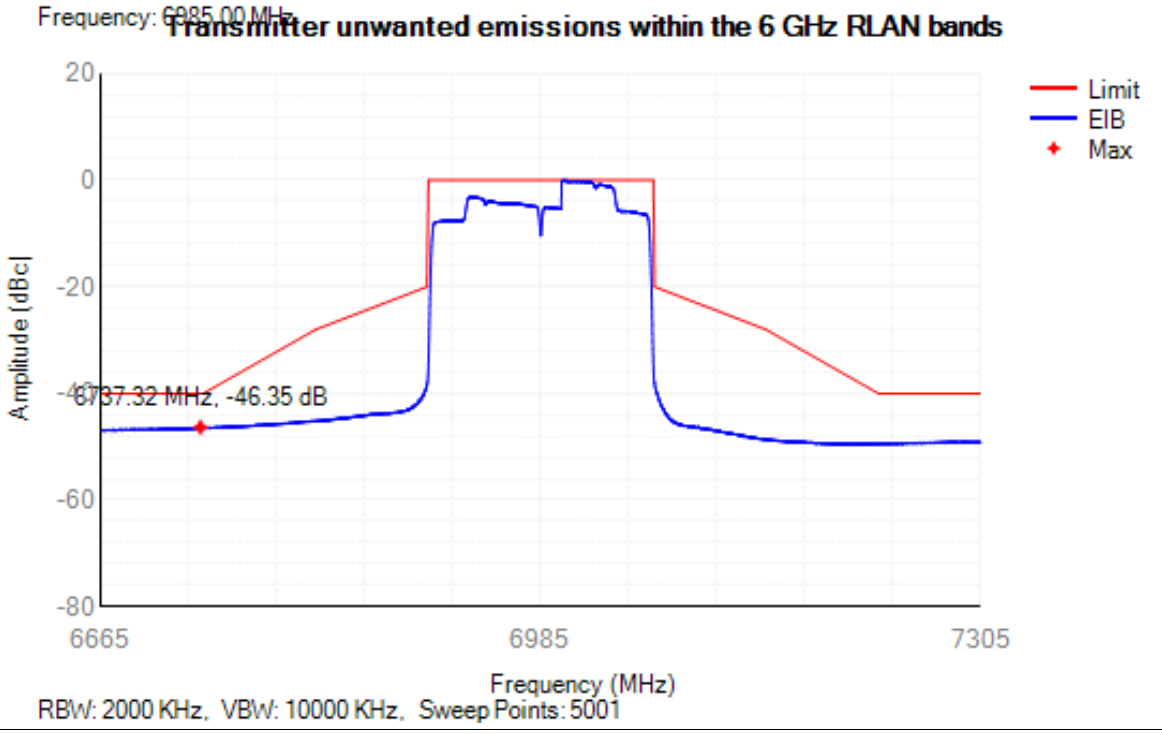
Power spectral mask

Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6985	Ant1	Band1	6738.73	-47.06	-40	Pass
NVNT	ax160	6985	Ant2	Band1	6737.32	-46.35	-40	Pass
NVNT	ax20	6875	Ant1	Band1	6836.55	-47.58	-40	Pass
NVNT	ax20	6995	Ant1	Band1	7008.09	-27.6	-20.02	Pass
NVNT	ax20	7115	Ant1	Band1	7075.38	-41.17	-40	Pass
NVNT	ax20	6875	Ant2	Band1	6835.4	-47.6	-40	Pass
NVNT	ax20	6995	Ant2	Band1	6958.1	-41.4	-40	Pass
NVNT	ax20	7115	Ant2	Band1	7078.07	-40.37	-40	Pass
NVNT	ax40	6885	Ant1	Band1	6814.79	-46.08	-40	Pass
NVNT	ax40	6965	Ant1	Band1	6888.55	-45.15	-40	Pass
NVNT	ax40	7085	Ant1	Band1	7013.93	-42.69	-40	Pass
NVNT	ax40	6885	Ant2	Band1	6815.88	-46.14	-40	Pass
NVNT	ax40	6965	Ant2	Band1	6888.49	-44.76	-40	Pass
NVNT	ax40	7085	Ant2	Band1	7013.9	-42.05	-40	Pass
NVNT	ax80	6865	Ant1	Band1	6998.76	-46.91	-40	Pass
NVNT	ax80	6945	Ant1	Band1	6815.21	-46.03	-40	Pass
NVNT	ax80	7025	Ant1	Band1	7066.73	-26.77	-20	Pass
NVNT	ax80	6865	Ant2	Band1	6997.8	-46.15	-40	Pass
NVNT	ax80	6945	Ant2	Band1	6811.94	-45.56	-40	Pass
NVNT	ax80	7025	Ant2	Band1	7066.86	-27.04	-20.01	Pass

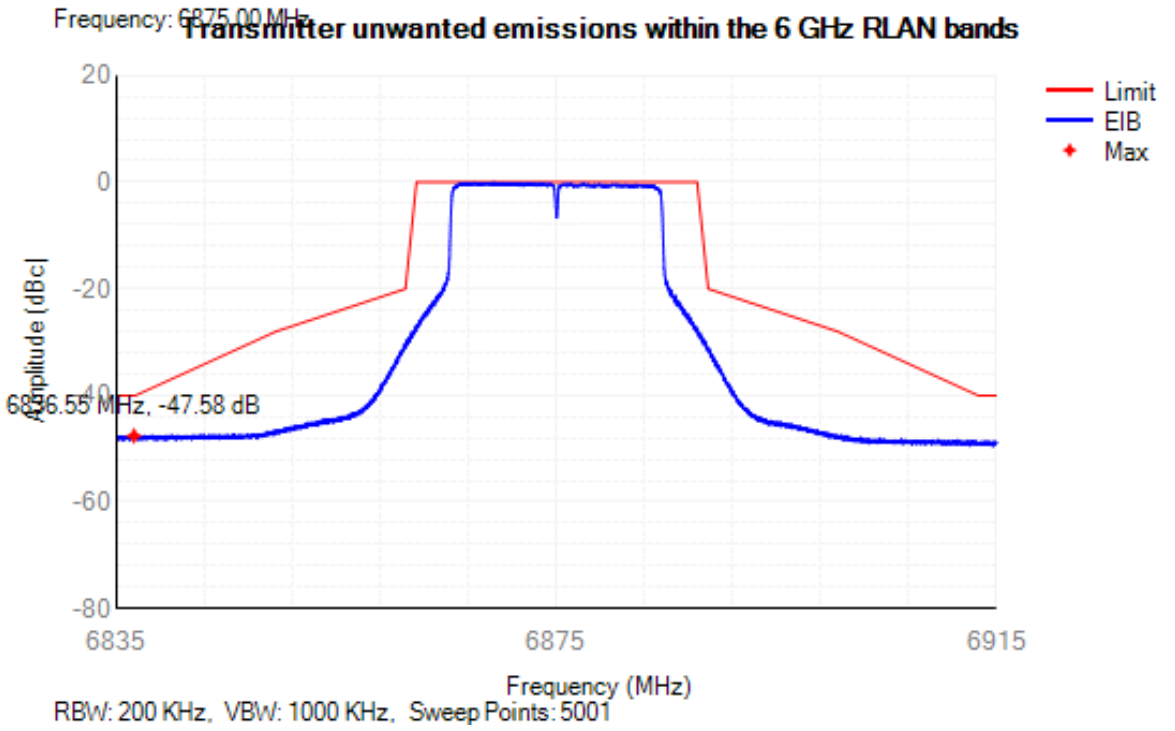
Test Graphs
Power spectral mask NVNT ax160 6985MHz



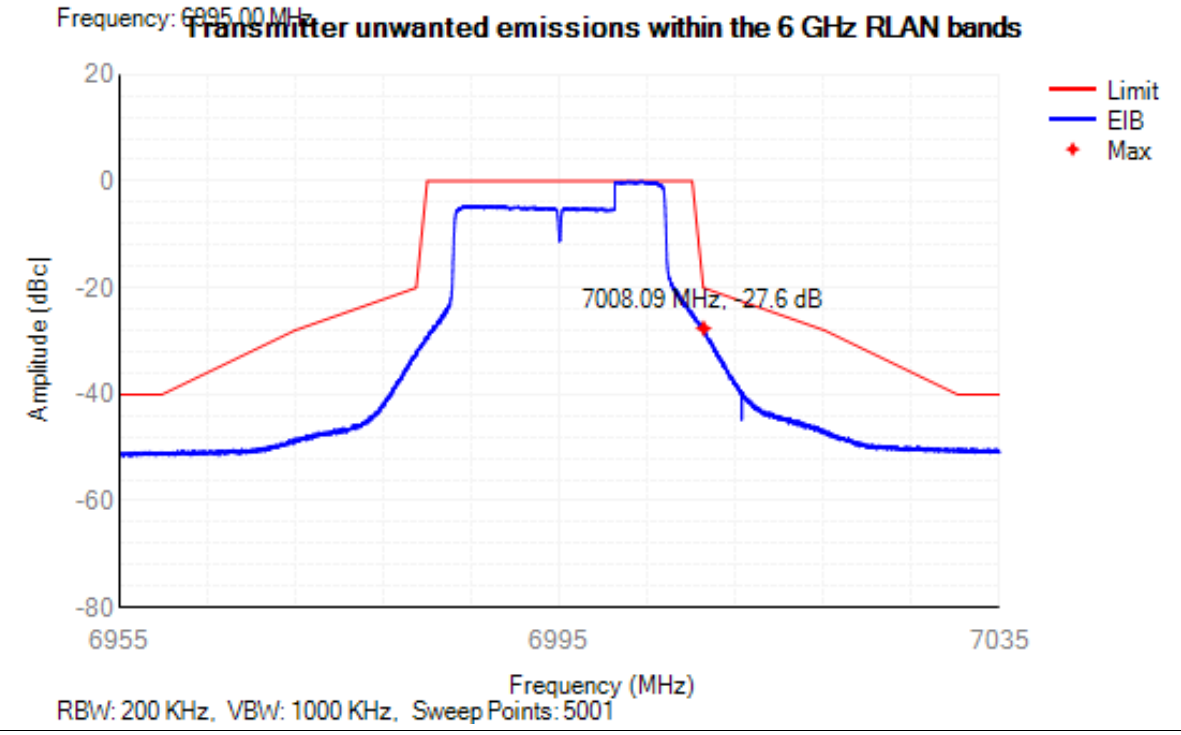
Power spectral mask NVNT ax160 6985MHz



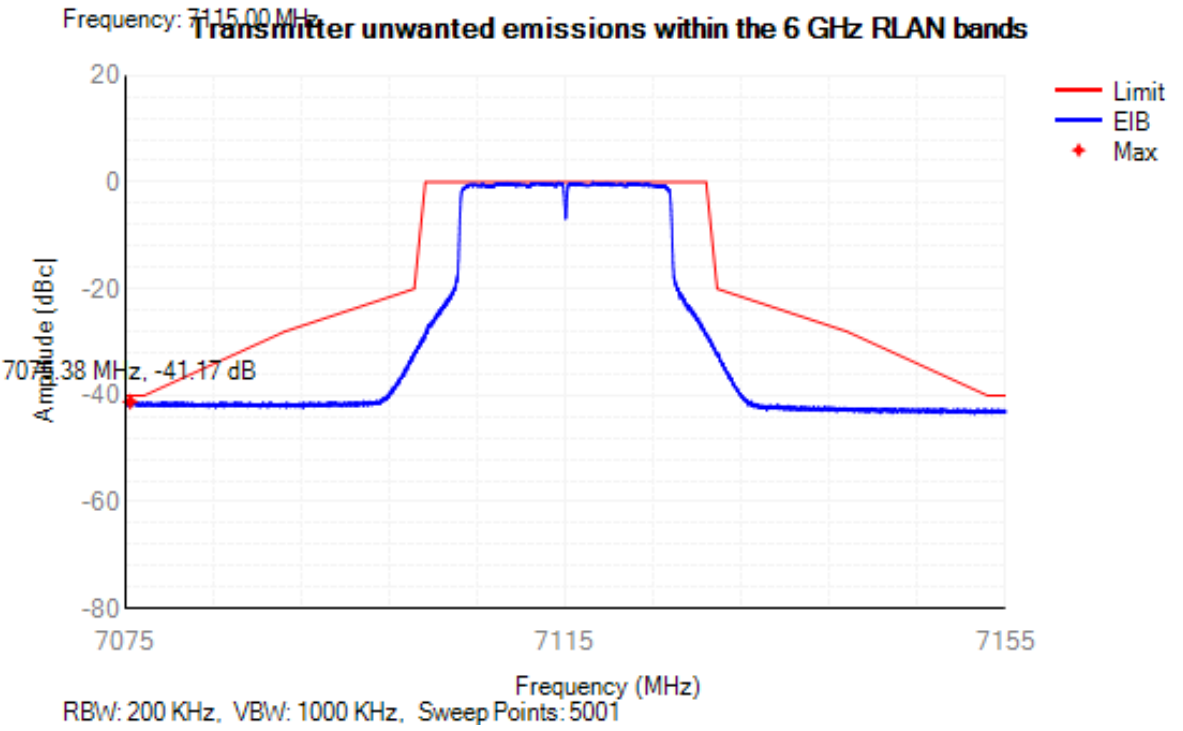
Power spectral mask NVNT ax20 6875MHz



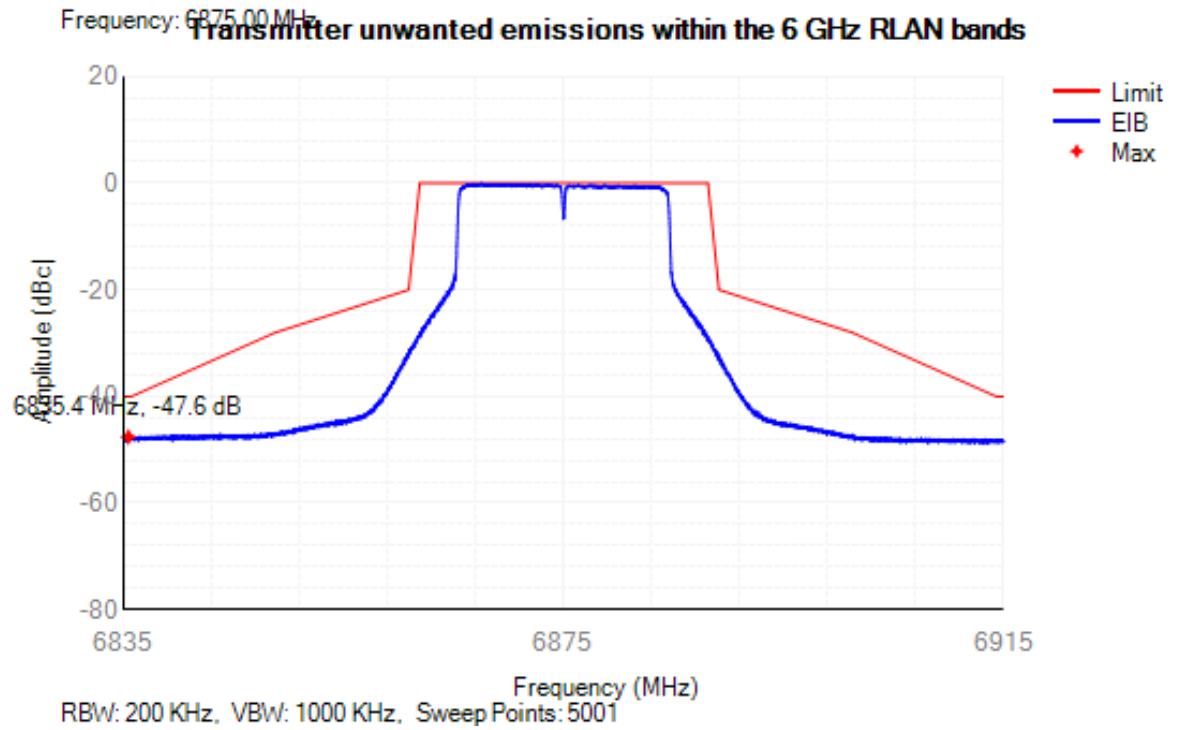
Power spectral mask NVNT ax20 6995MHz



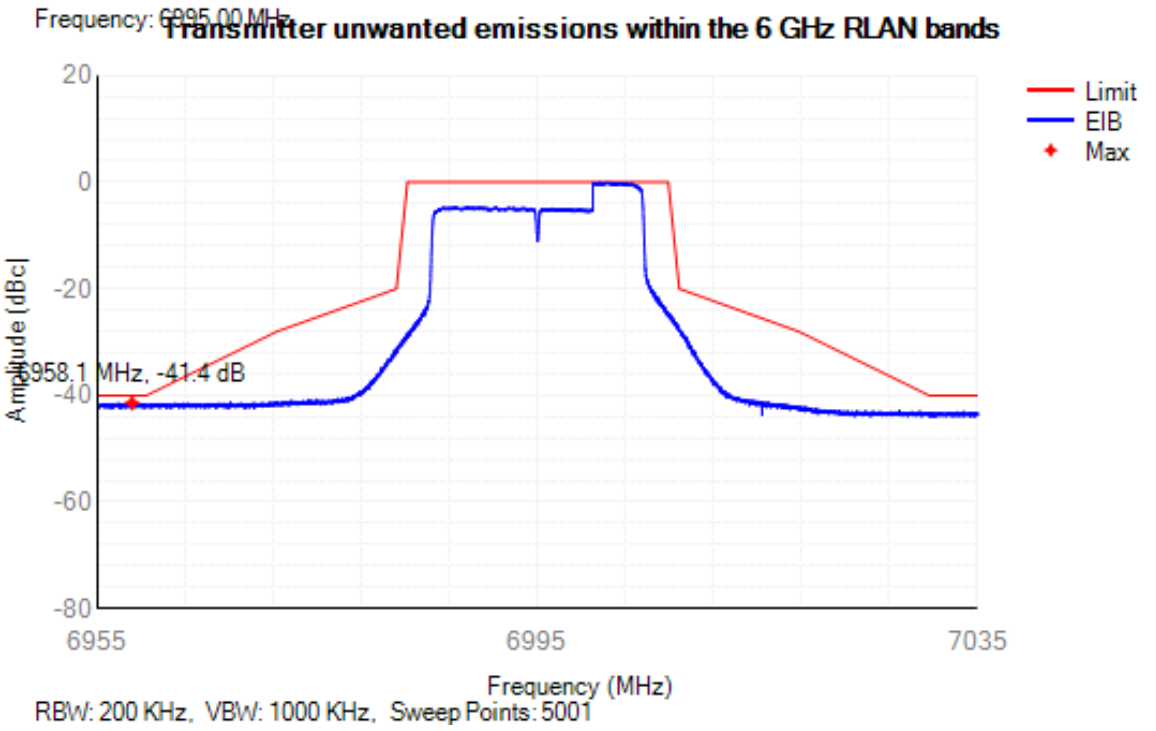
Power spectral mask NVNT ax20 7115MHz



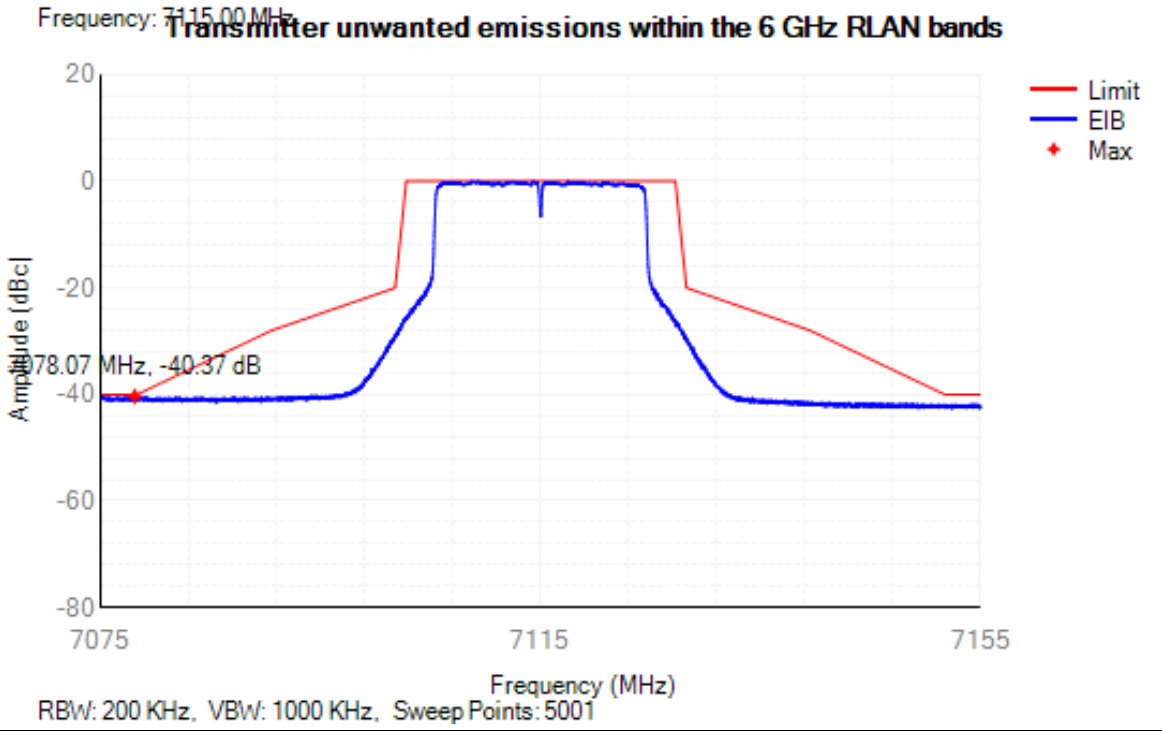
Power spectral mask NVNT ax20 6875MHz



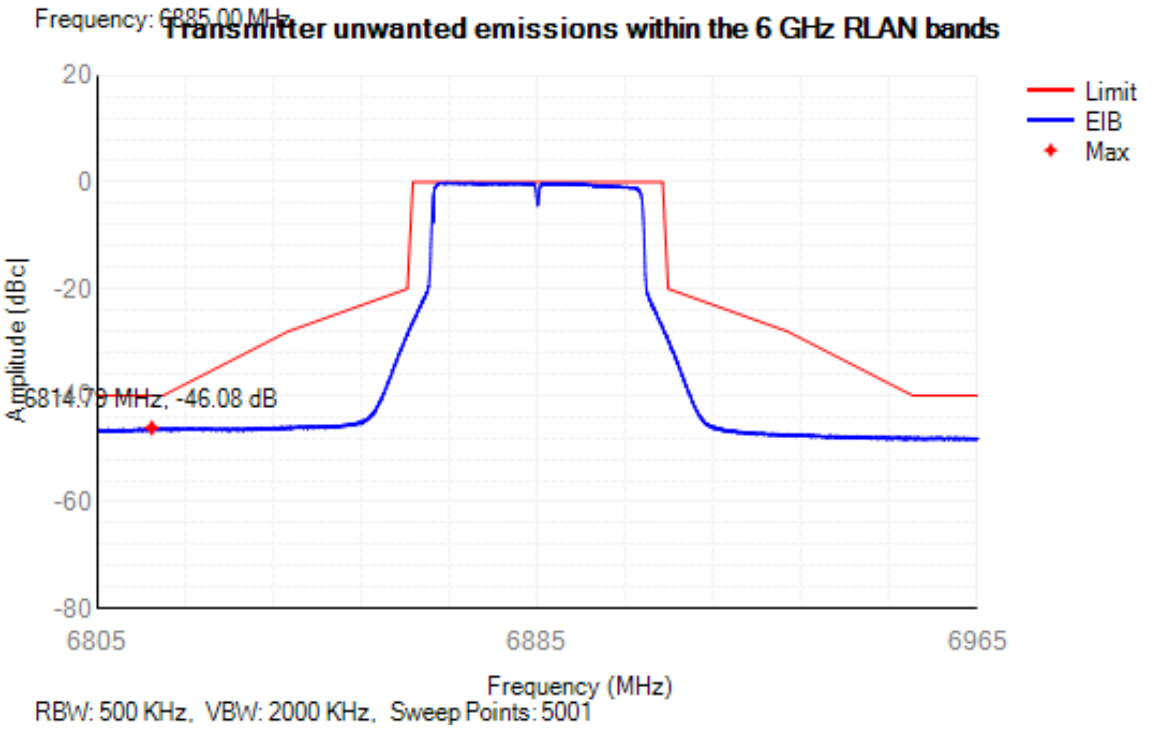
Power spectral mask NVNT ax20 6995MHz



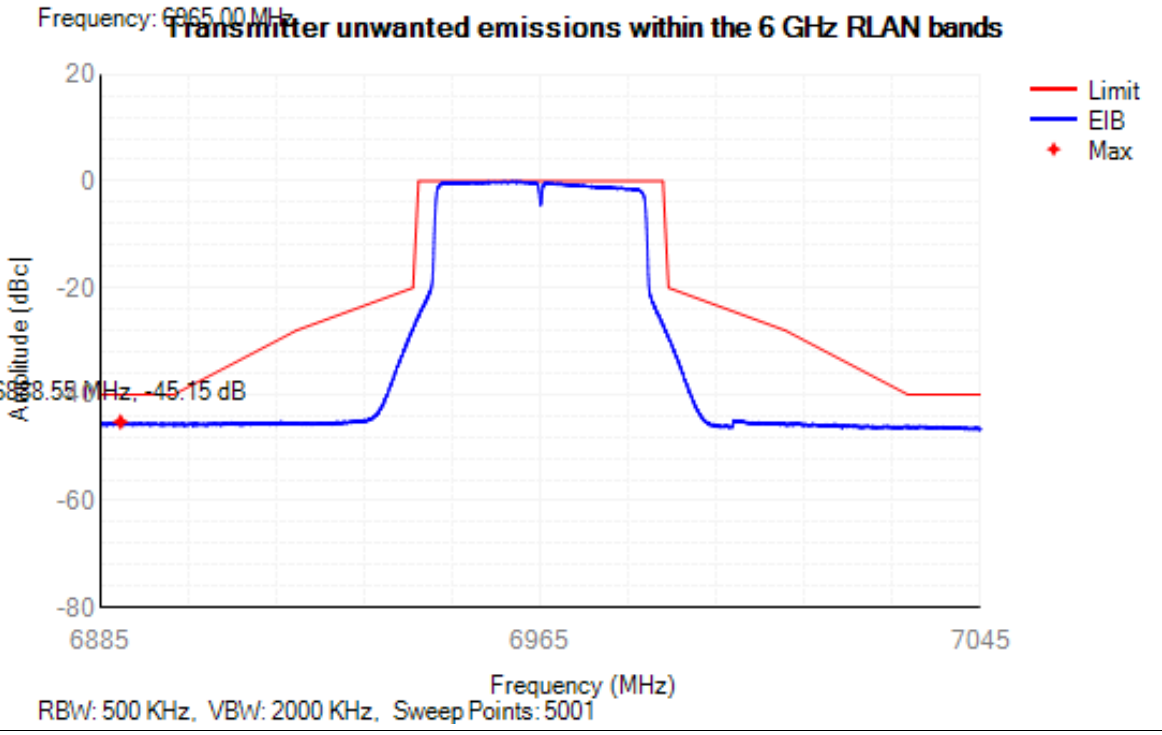
Power spectral mask NVNT ax20 7115MHz



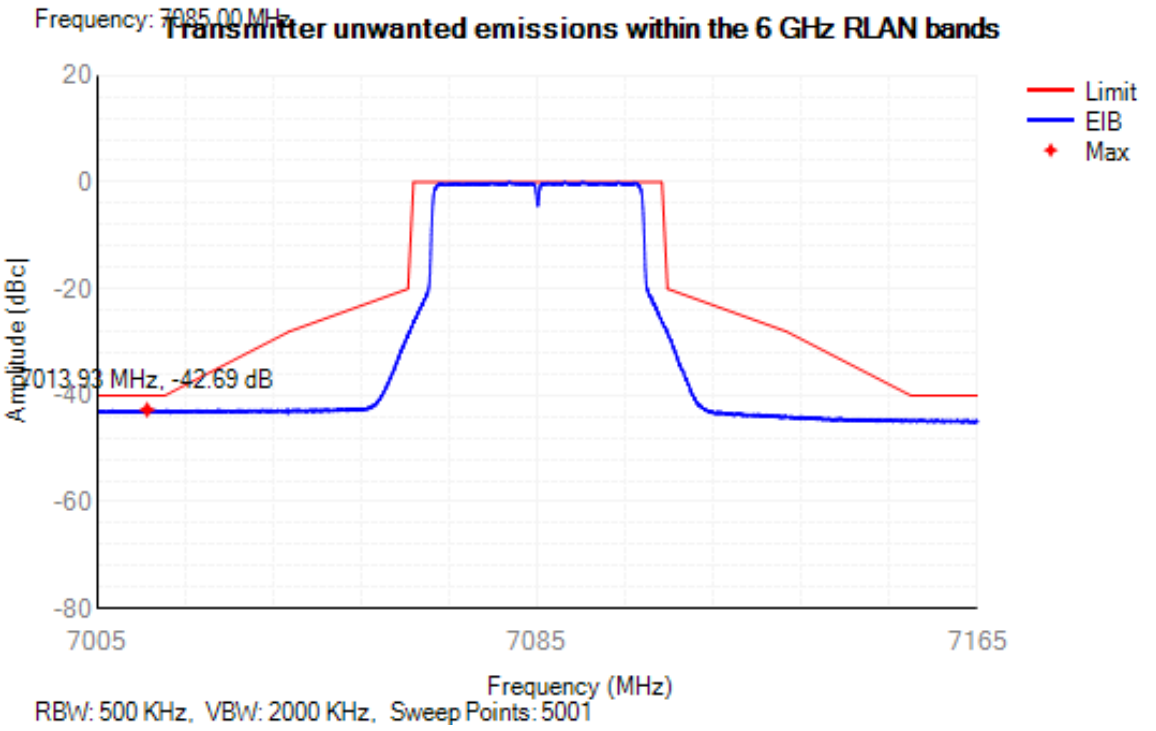
Power spectral mask NVNT ax40 6885MHz



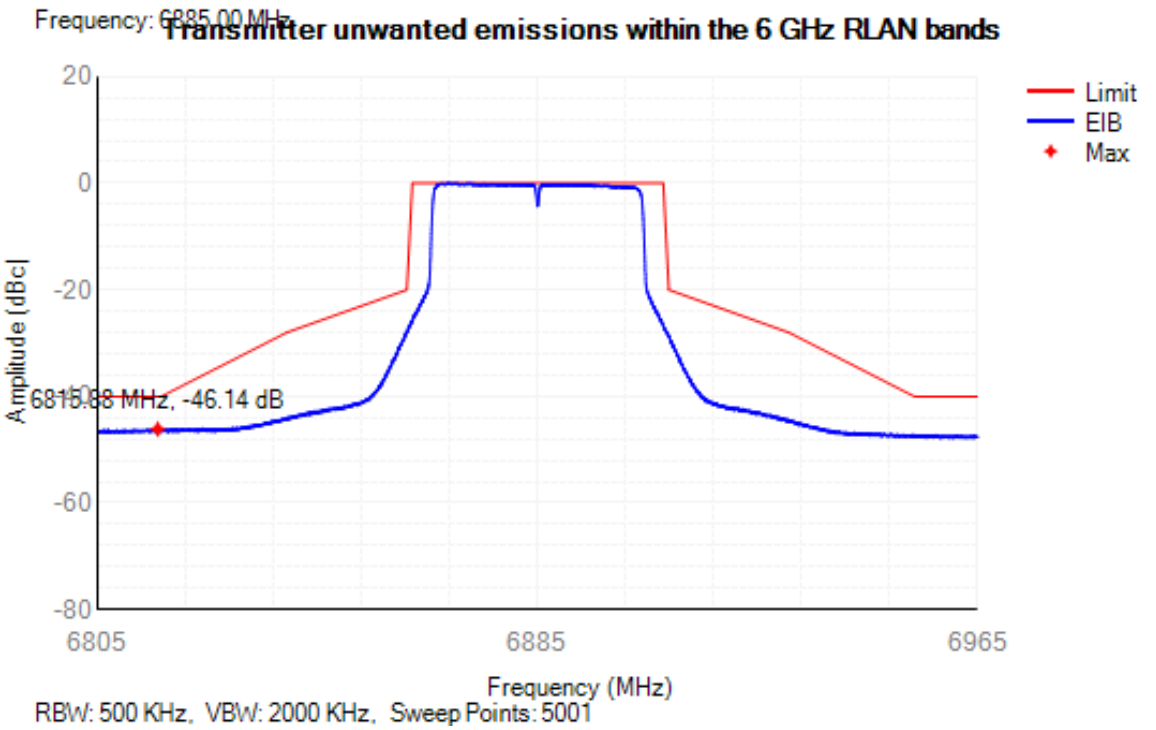
Power spectral mask NVNT ax40 6965MHz



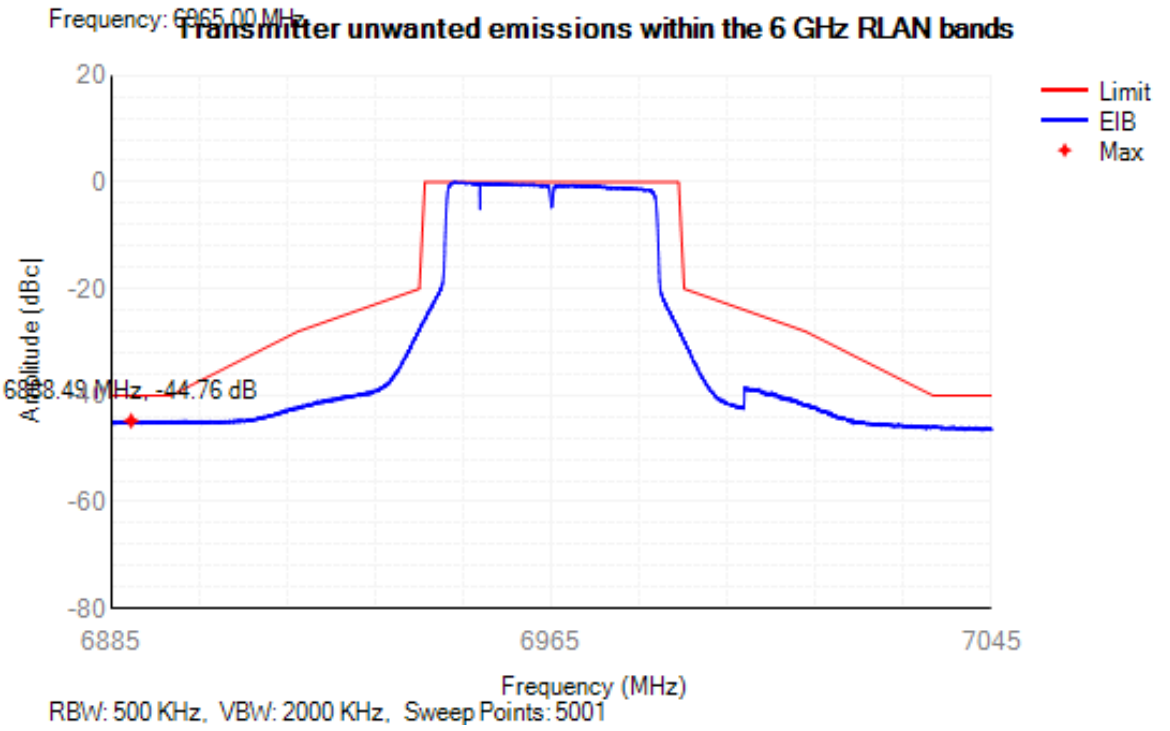
Power spectral mask NVNT ax40 7085MHz



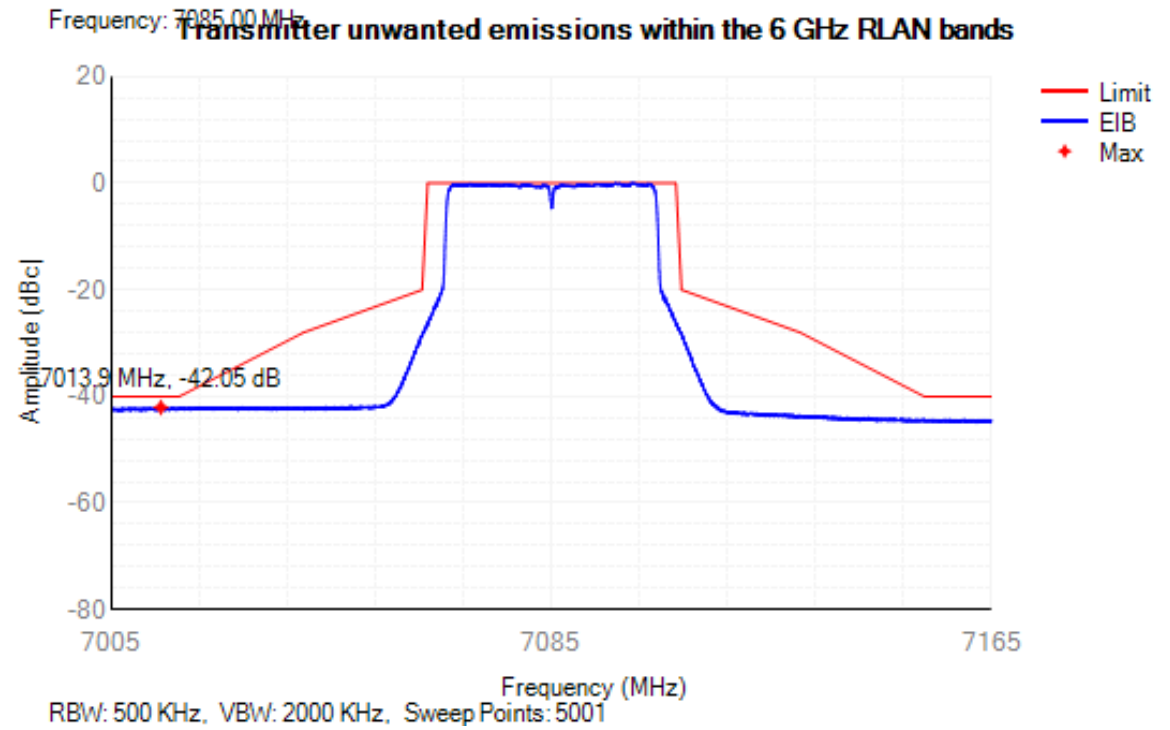
Power spectral mask NVNT ax40 6885MHz



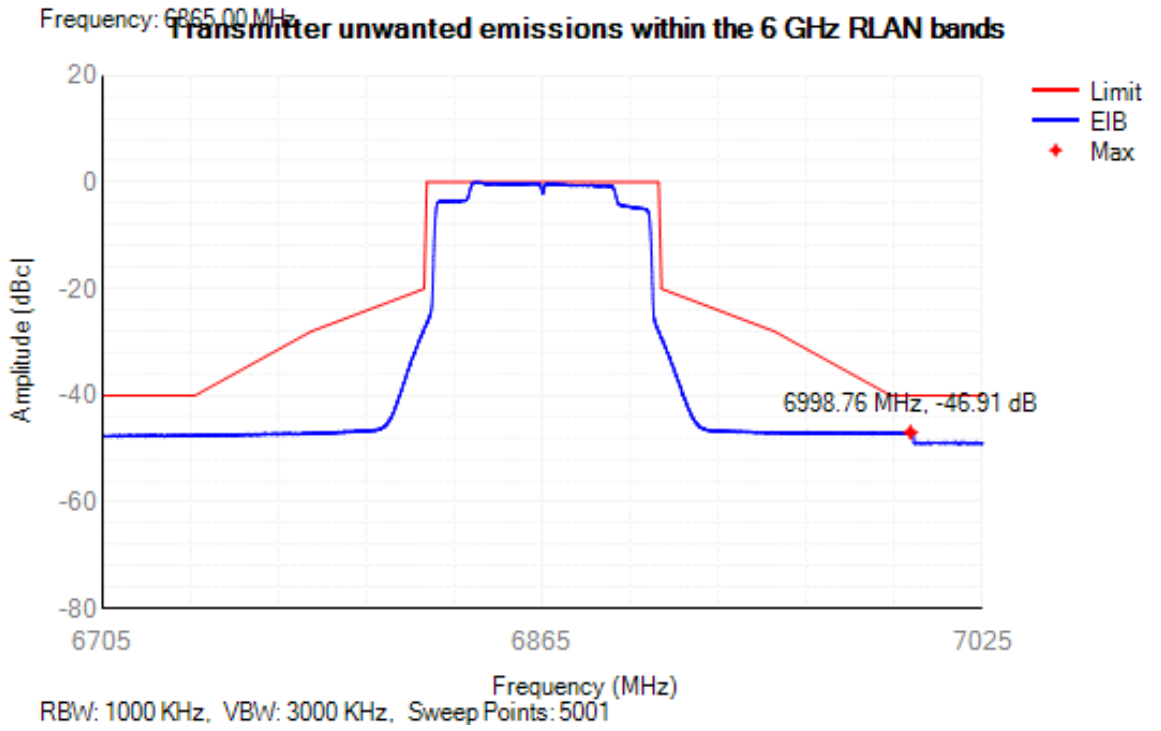
Power spectral mask NVNT ax40 6965MHz



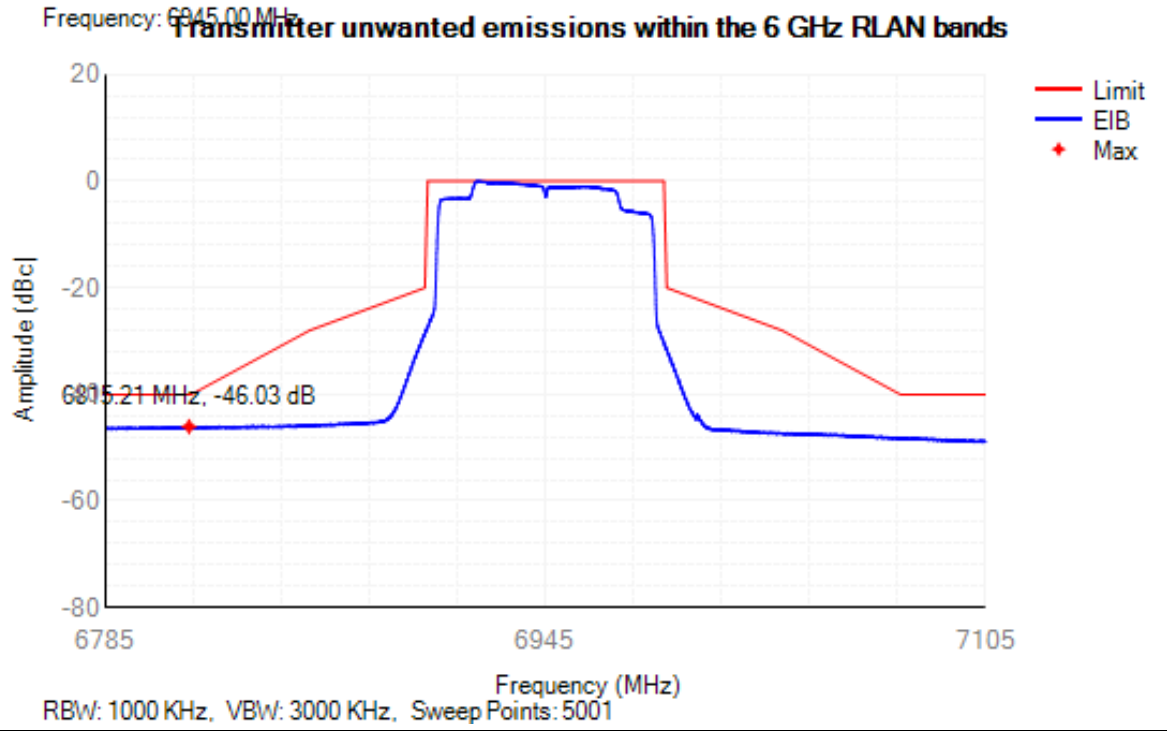
Power spectral mask NVNT ax40 7085MHz



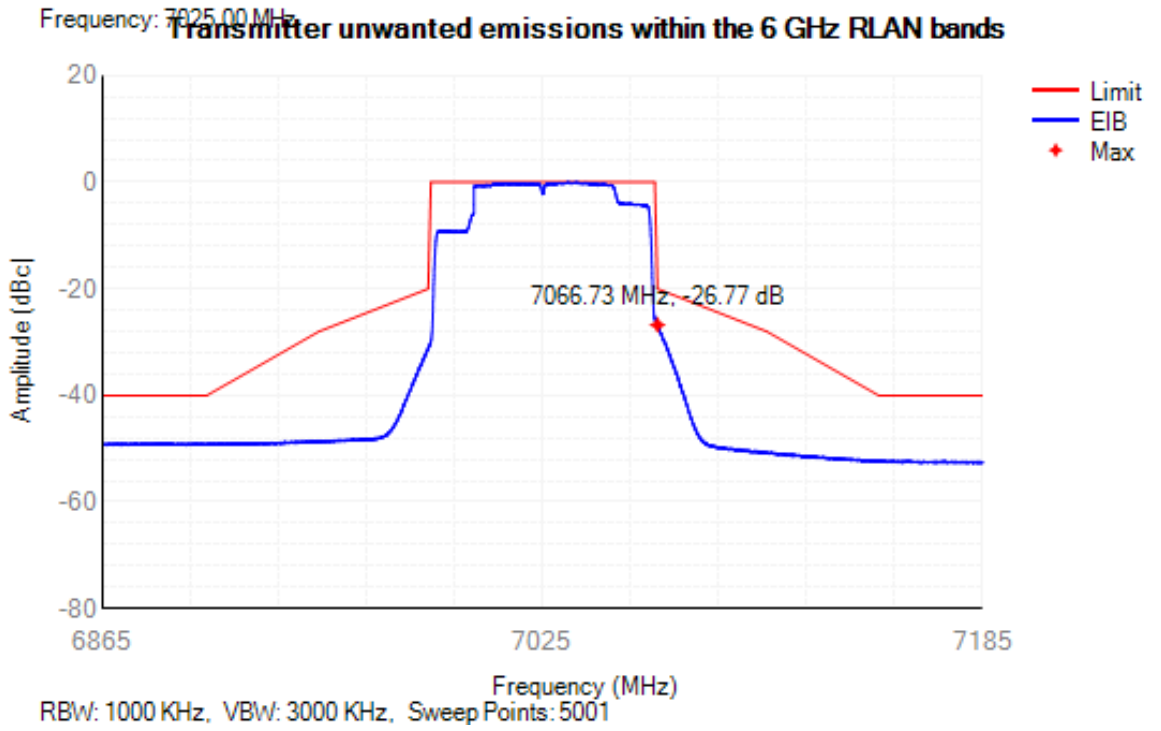
Power spectral mask NVNT ax80 6865MHz



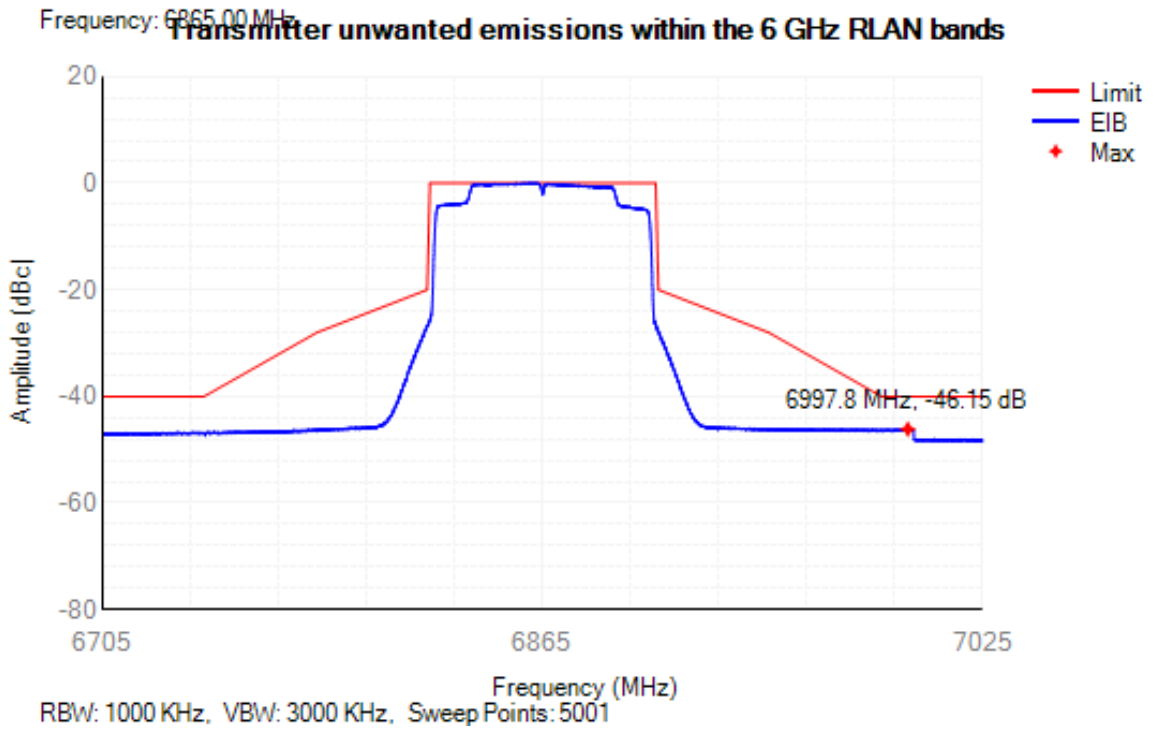
Power spectral mask NVNT ax80 6945MHz



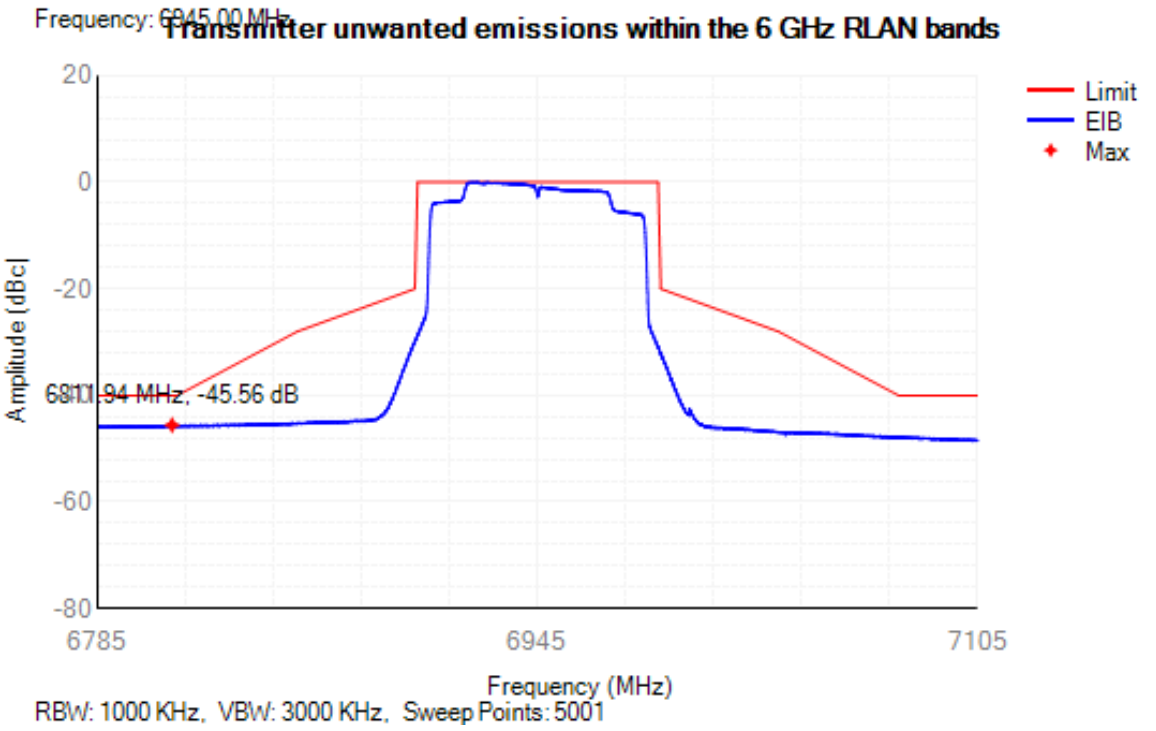
Power spectral mask NVNT ax80 7025MHz



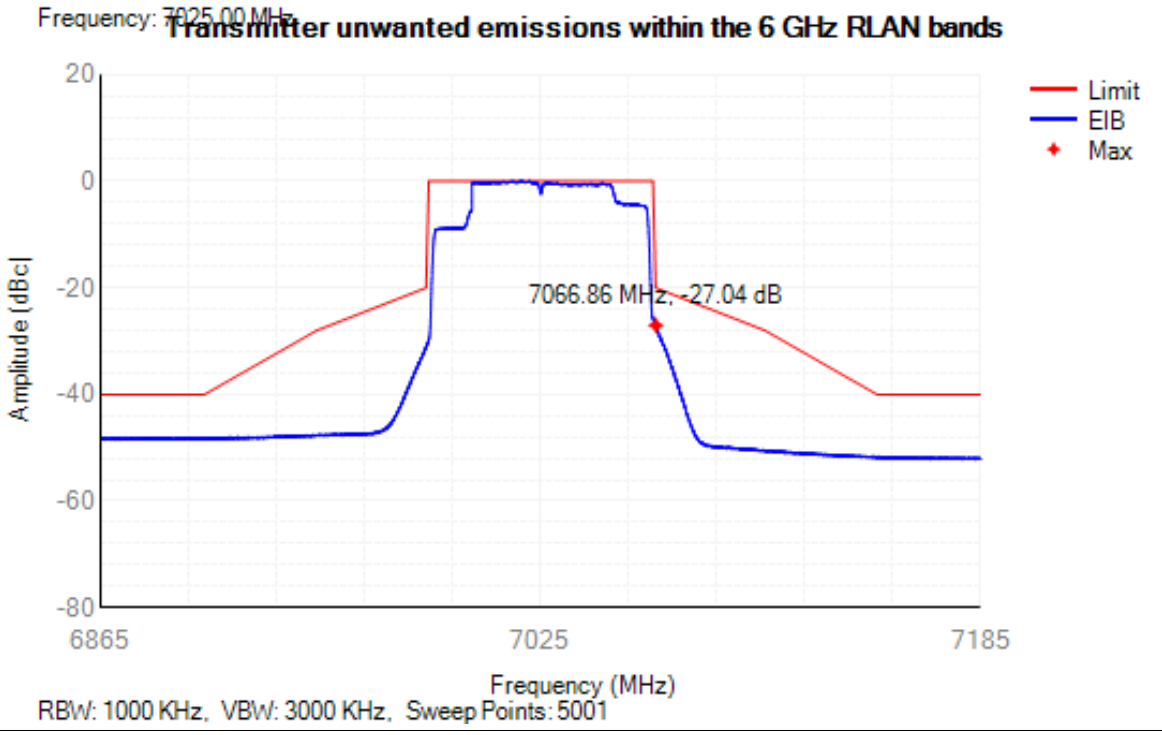
Power spectral mask NVNT ax80 6865MHz



Power spectral mask NVNT ax80 6945MHz



Power spectral mask NVNT ax80 7025MHz

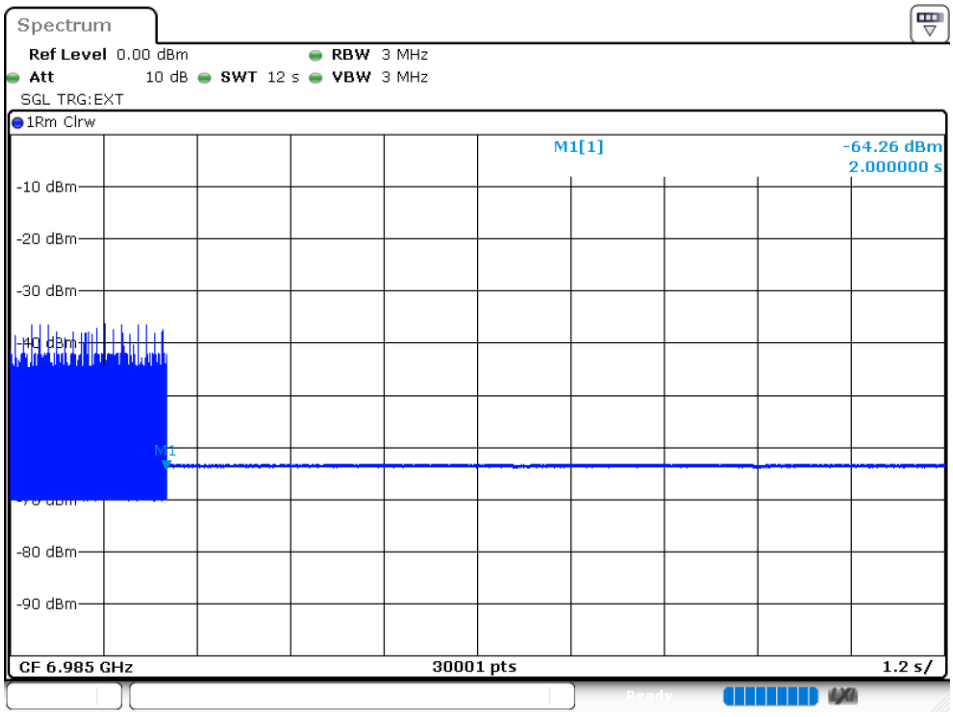


Contention Based Protocol

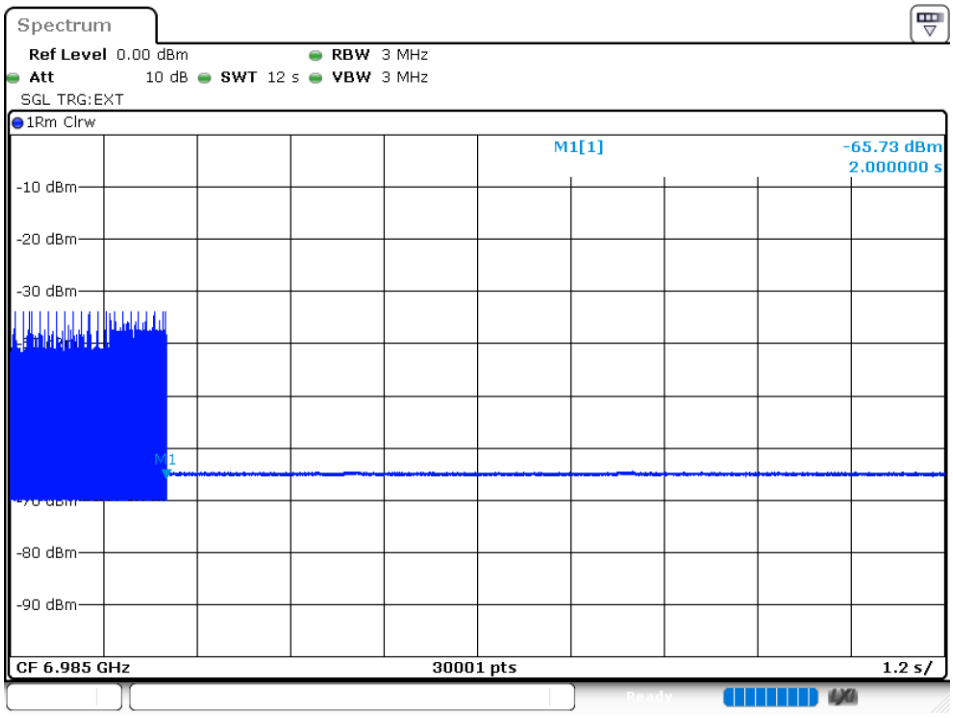
Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW20)	209	6995	6995	-64.49	OFF	-67.18	-62	10	100	>90	PASS
				-64.92	Minimal	-67.61					
				-66.44	ON	-69.13					

Mode	Channel	Frequency (MHz)	Simulating Incumbent Frequency (MHz)	Injected AWGN Level (dBm)	EUT Tx Status	Adjusted Power (dBm)	Regulated Threshold level (dBm)	Number of iterations	Detection Probability (%)	Limit (%)	Verdict
802.11ax (HEW160)	207	6985	6910	-61.99	OFF	-64.68	-62	10	100	>90	PASS
				-63.05	Minimal	-65.74					
				-64.24	ON	-66.93					
			6985	-62.23	OFF	-64.92	-62	10	100	>90	PASS
				-63.14	Minimal	-65.83					
				-64.41	ON	-67.1					
			7060	-62.15	OFF	-64.84	-62	10	100	>90	PASS
				-63.69	Minimal	-66.38					
				-64.23	ON	-66.92					

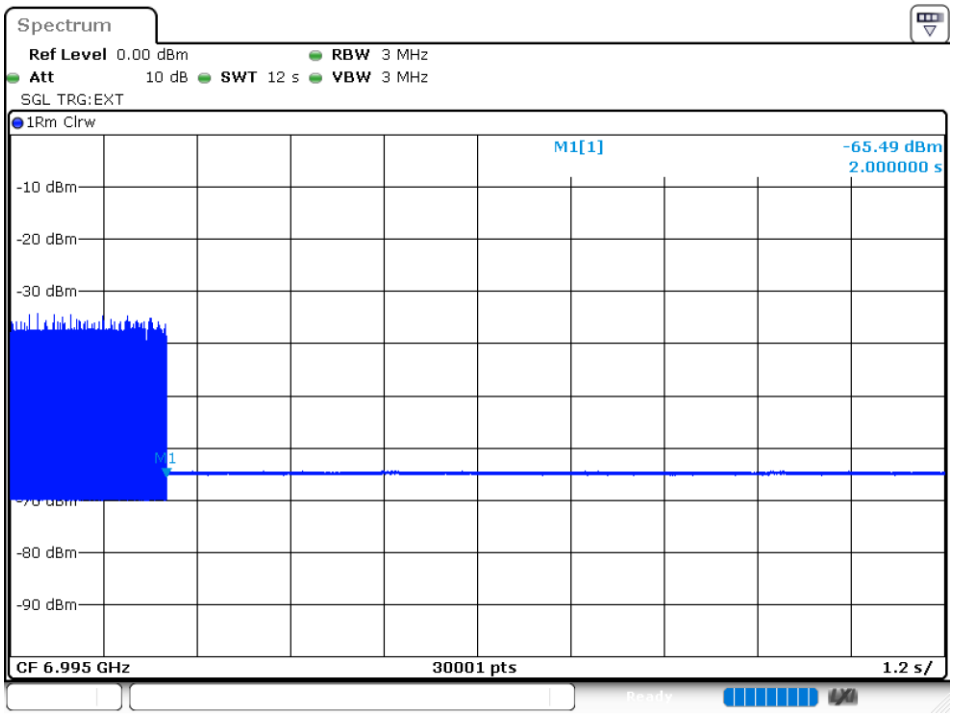
Test Graphs
Contention Based Protocol NVNT ax160 6985MHz Interfere 6910 MHz_1



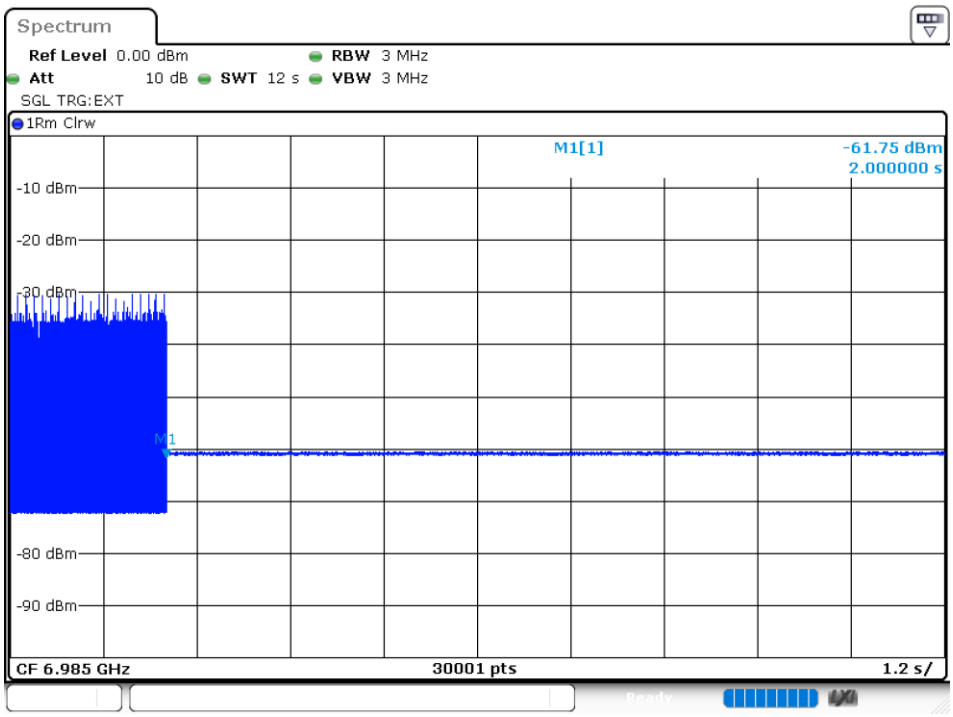
Contention Based Protocol NVNT ax160 6985MHz Interfere 6985 MHz_1



Contention Based Protocol NVNT ax20 6995MHz Interfere 6995 MHz_1



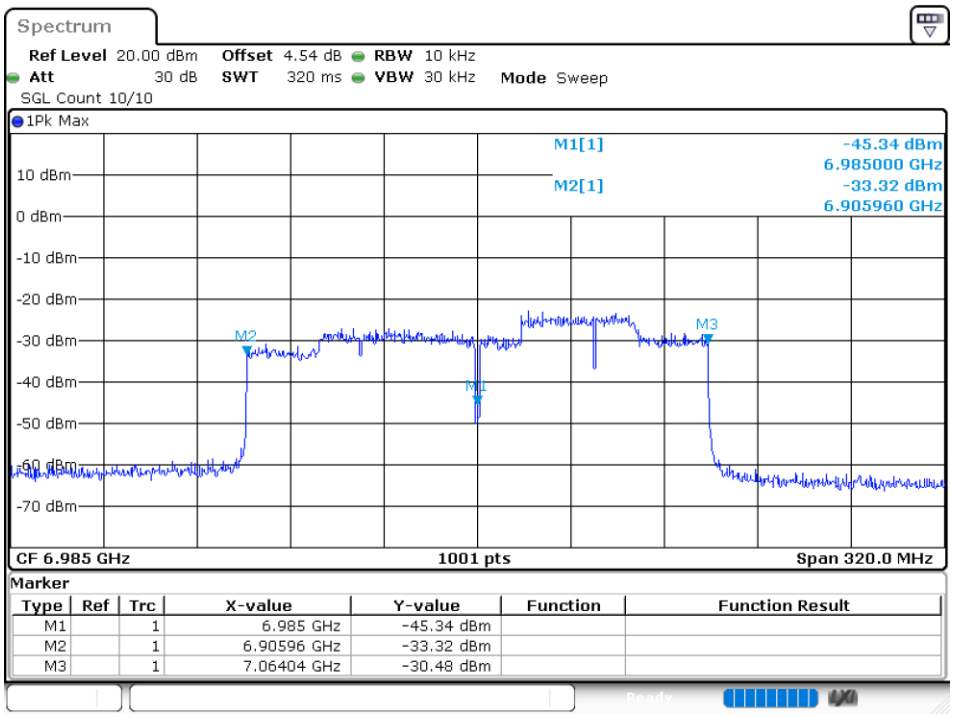
Contention Based Protocol NVNT ax160 6985MHz Interfere 7060 MHz_1



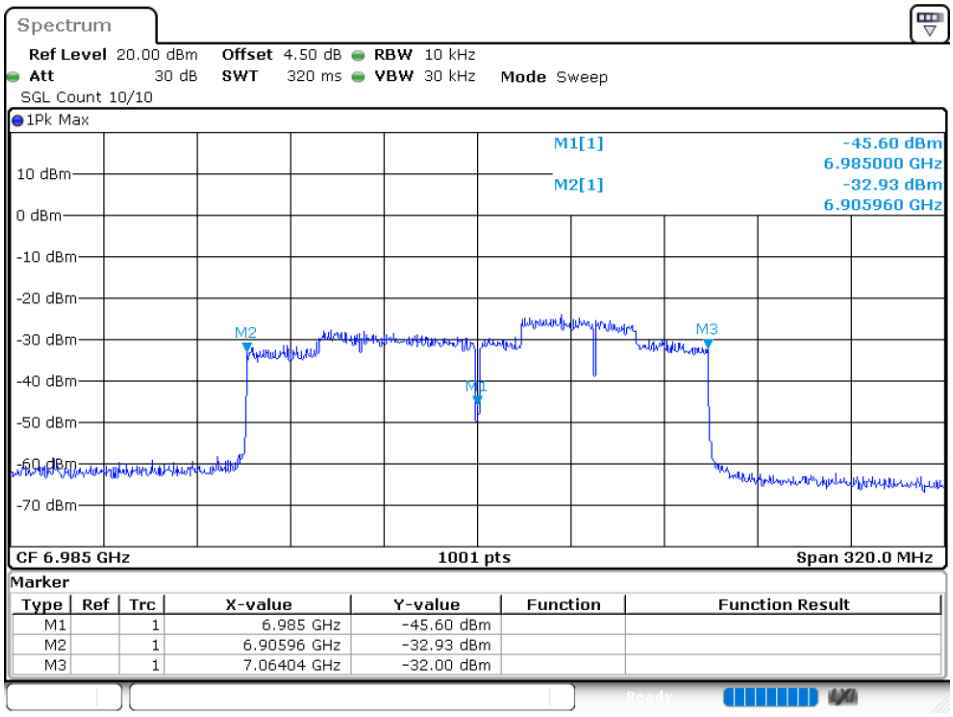
Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6985	Ant1	6985	0	0	25	Pass
NVNT	ax160	0	6985	Ant2	6985	0	0	25	Pass
NVNT	ax20	0	6875	Ant1	6874.98	-20000	-2.91	25	Pass
NVNT	ax20	0	6995	Ant1	6995.04	40000	5.72	25	Pass
NVNT	ax20	0	7115	Ant1	7114.98	-20000	-2.81	25	Pass
NVNT	ax20	0	6875	Ant2	6874.98	-20000	-2.91	25	Pass
NVNT	ax20	0	6995	Ant2	6994.98	-20000	-2.86	25	Pass
NVNT	ax20	0	7115	Ant2	7114.98	-20000	-2.81	25	Pass
NVNT	ax40	0	6885	Ant1	6885	0	0	25	Pass
NVNT	ax40	0	6965	Ant1	6965	0	0	25	Pass
NVNT	ax40	0	7085	Ant1	7085	0	0	25	Pass
NVNT	ax40	0	6885	Ant2	6885	0	0	25	Pass
NVNT	ax40	0	6965	Ant2	6965	0	0	25	Pass
NVNT	ax40	0	7085	Ant2	7085	0	0	25	Pass
NVNT	ax80	0	6865	Ant1	6864.92	-80000	-11.65	25	Pass
NVNT	ax80	0	6945	Ant1	6944.92	-80000	-11.52	25	Pass
NVNT	ax80	0	7025	Ant1	7025.16	160000	22.78	25	Pass
NVNT	ax80	0	6865	Ant2	6864.92	-80000	-11.65	25	Pass
NVNT	ax80	0	6945	Ant2	6944.84	-160000	-23.04	25	Pass
NVNT	ax80	0	7025	Ant2	7025.08	80000	11.39	25	Pass

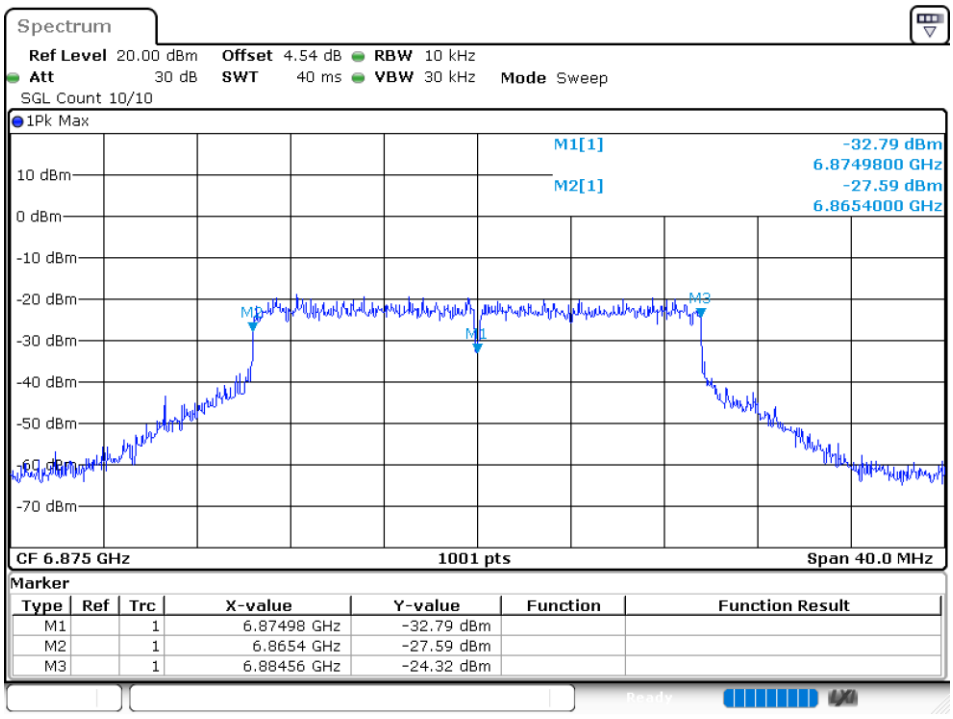
Test Graphs
Freq. Stability NVNT ax160 6985MHz Ant1 0 Minutes



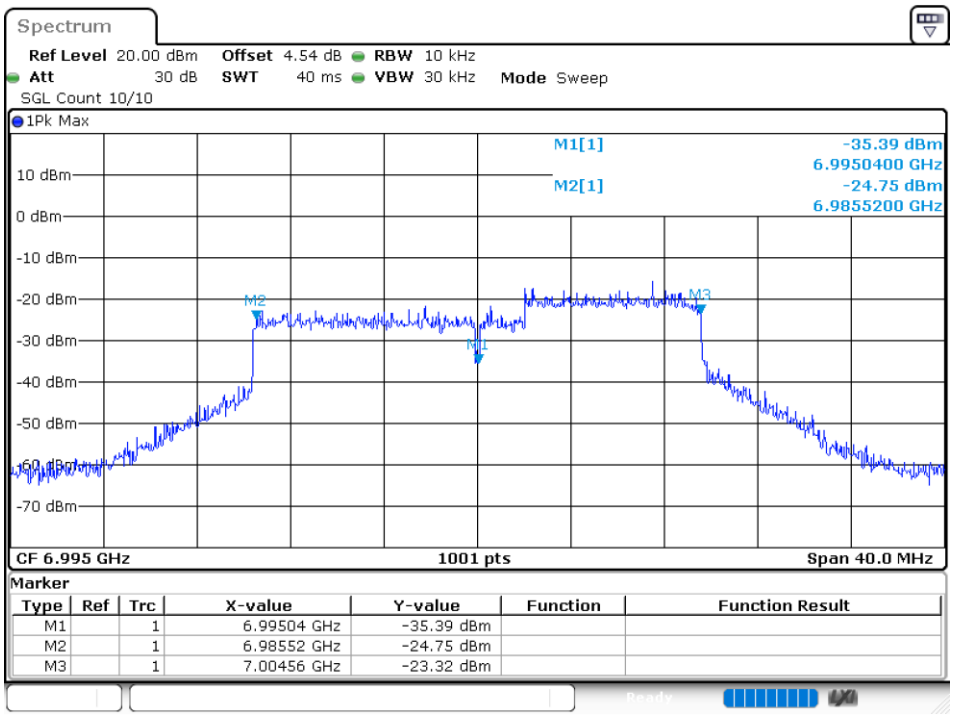
Freq. Stability NVNT ax160 6985MHz Ant2 0 Minutes



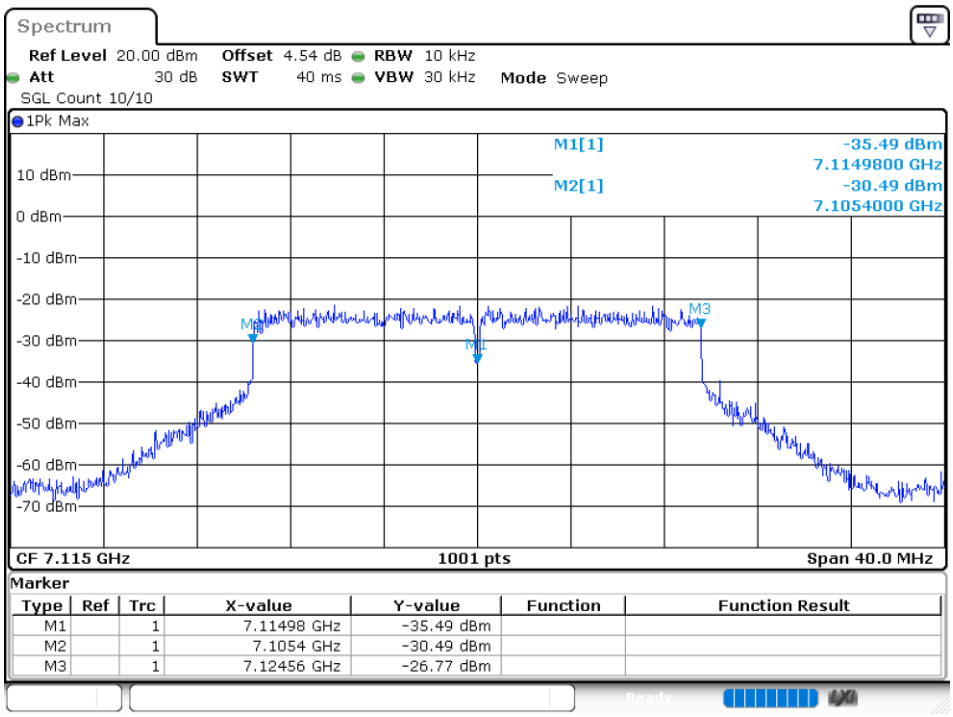
Freq. Stability NVNT ax20 6875MHz Ant1 0 Minutes



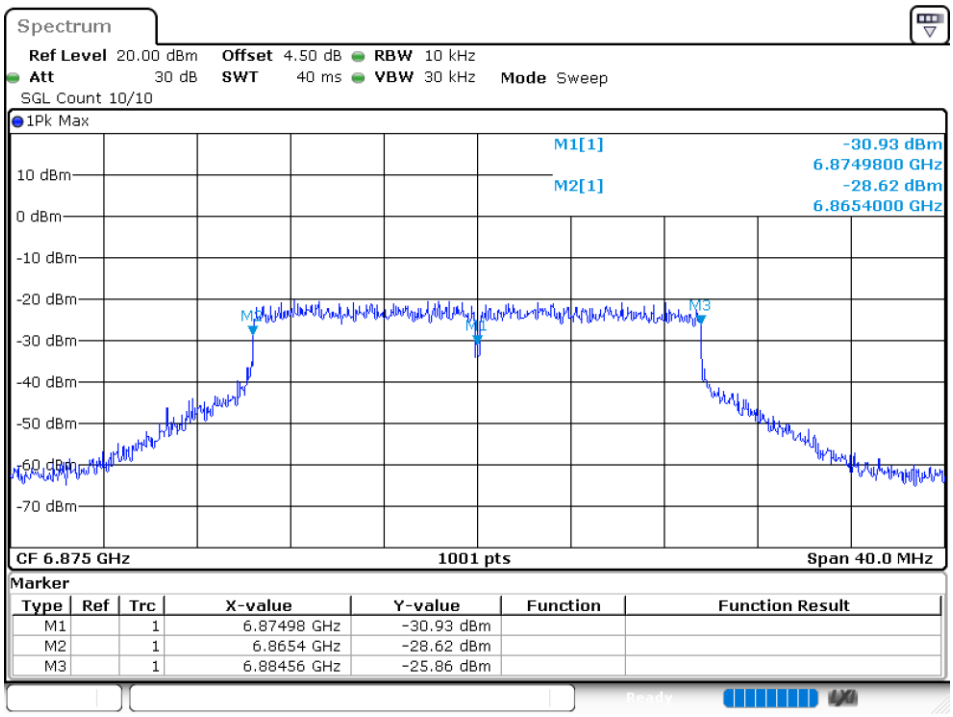
Freq. Stability NVNT ax20 6995MHz Ant1 0 Minutes



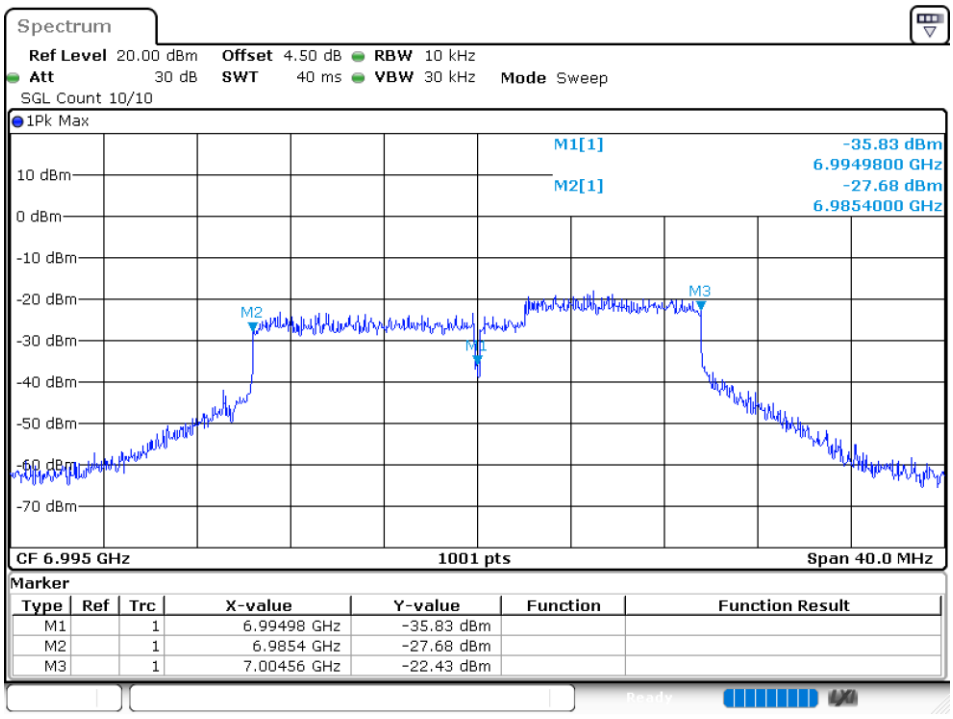
Freq. Stability NVNT ax20 7115MHz Ant1 0 Minutes



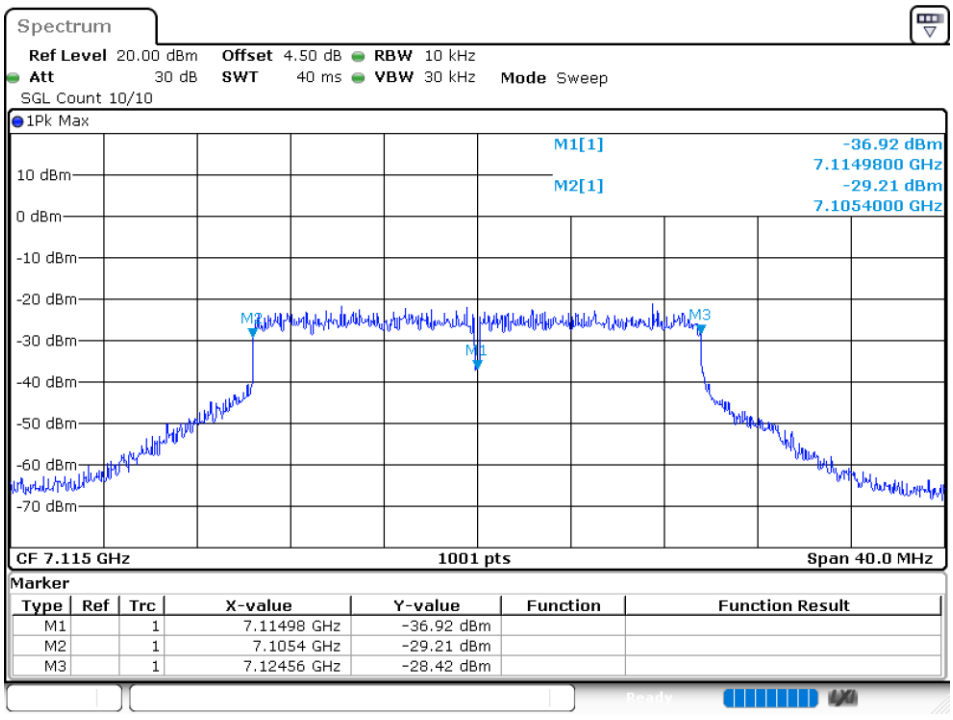
Freq. Stability NVNT ax20 6875MHz Ant2 0 Minutes



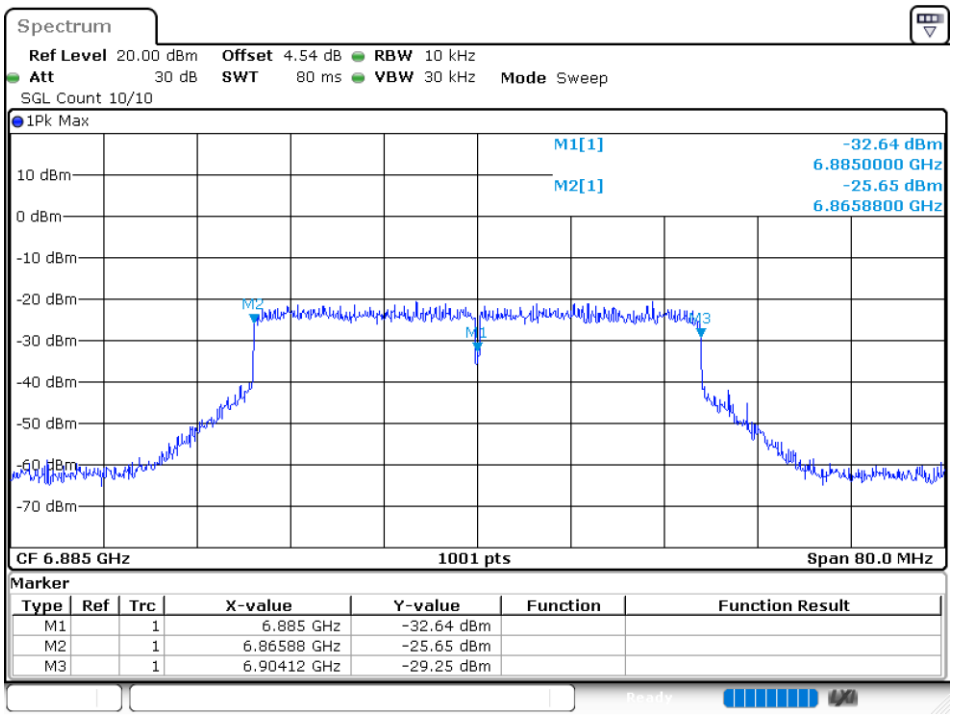
Freq. Stability NVNT ax20 6995MHz Ant2 0 Minutes



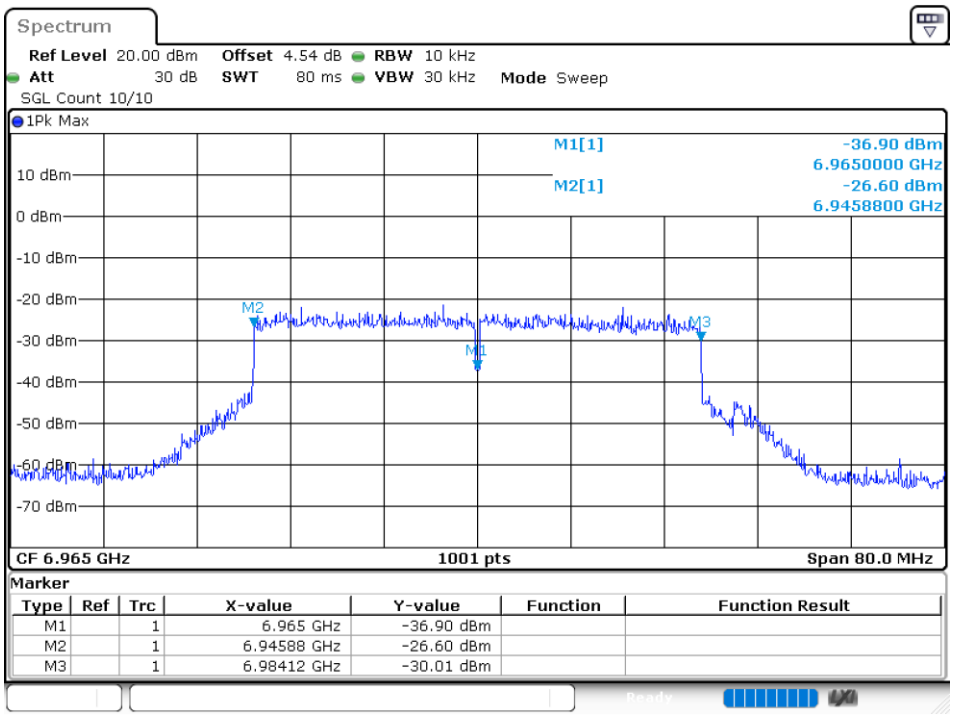
Freq. Stability NVNT ax20 7115MHz Ant2 0 Minutes



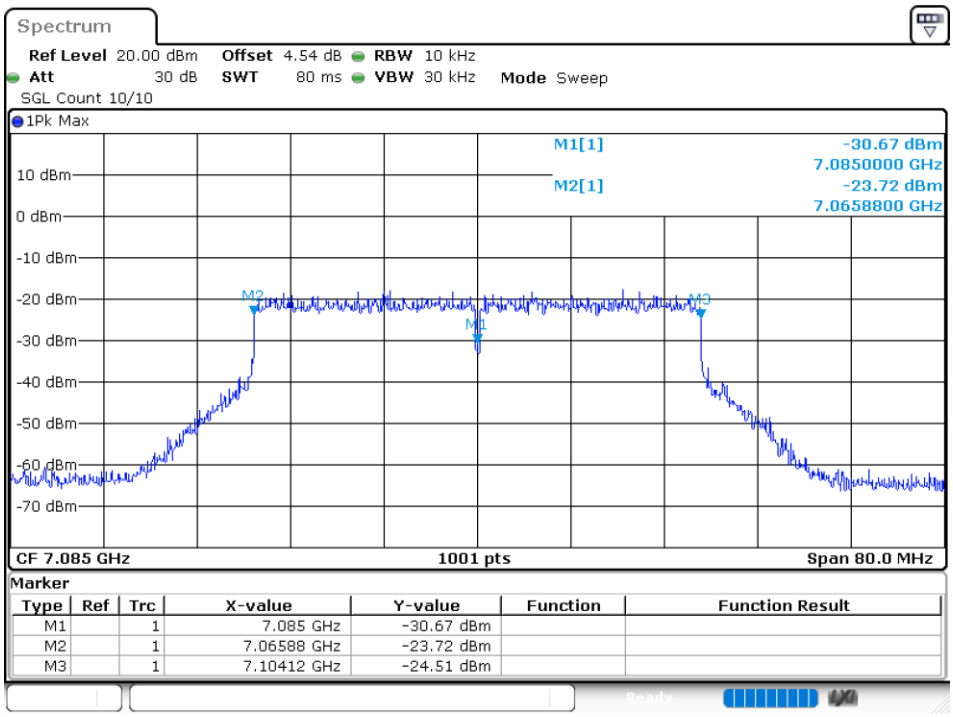
Freq. Stability NVNT ax40 6885MHz Ant1 0 Minutes



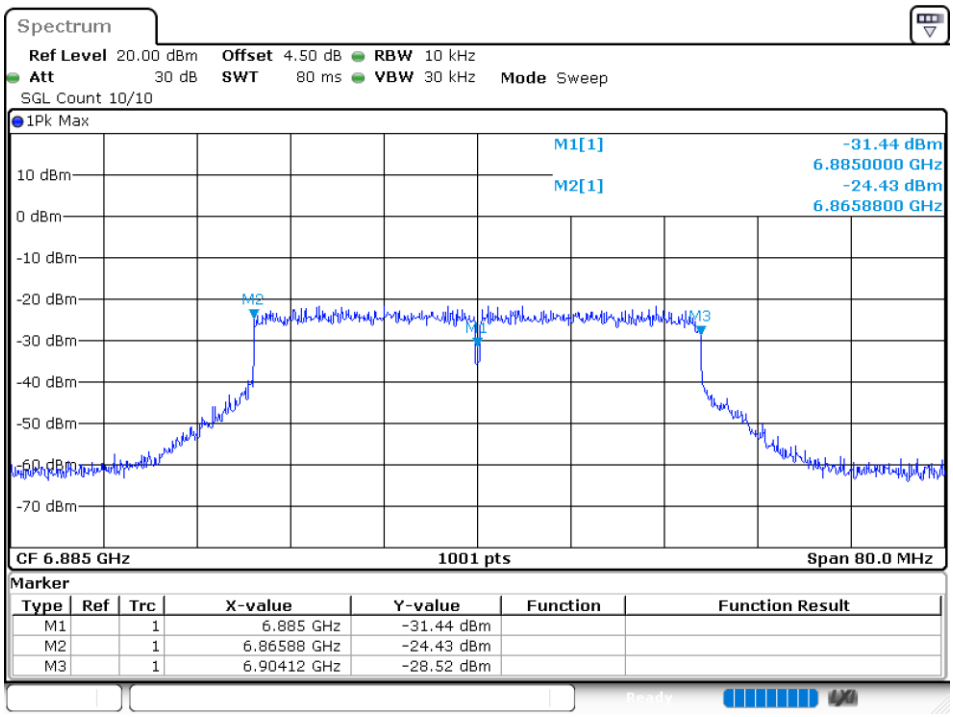
Freq. Stability NVNT ax40 6965MHz Ant1 0 Minutes



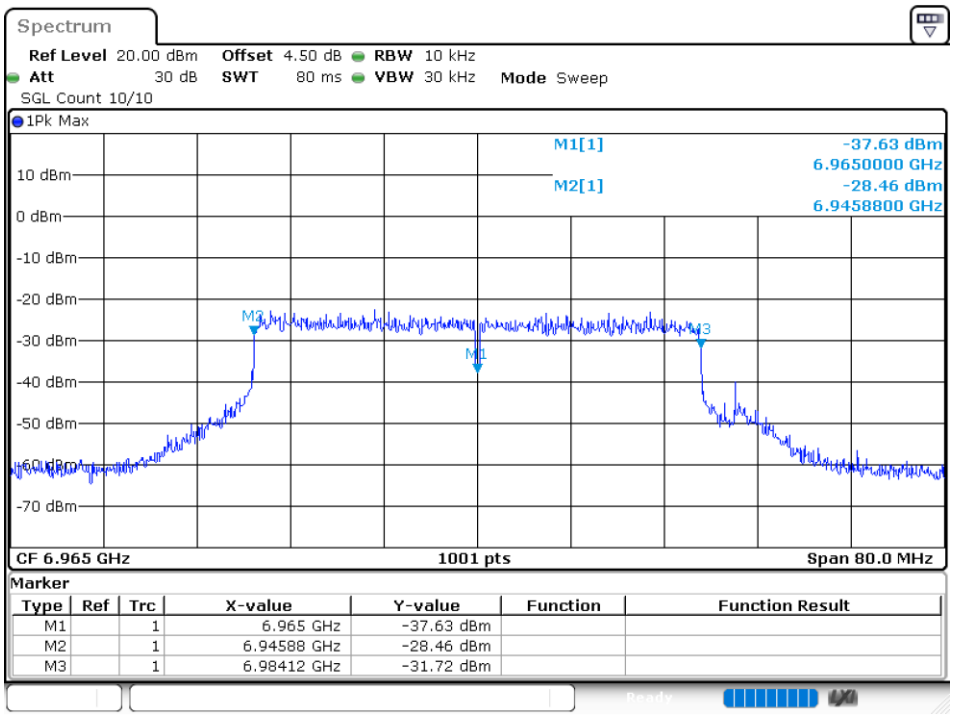
Freq. Stability NVNT ax40 7085MHz Ant1 0 Minutes



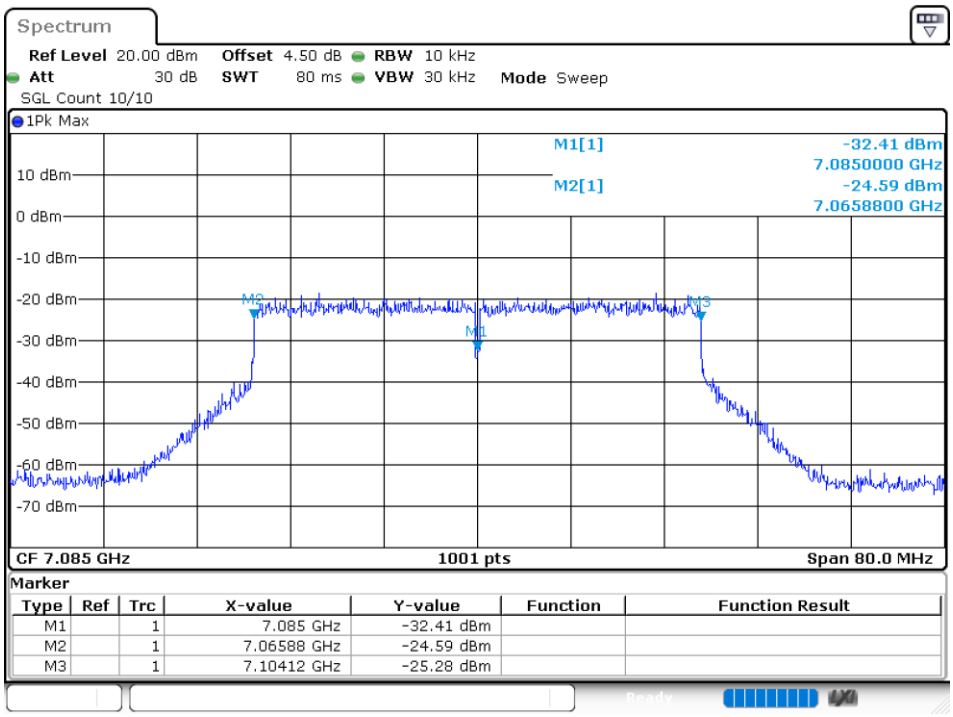
Freq. Stability NVNT ax40 6885MHz Ant2 0 Minutes



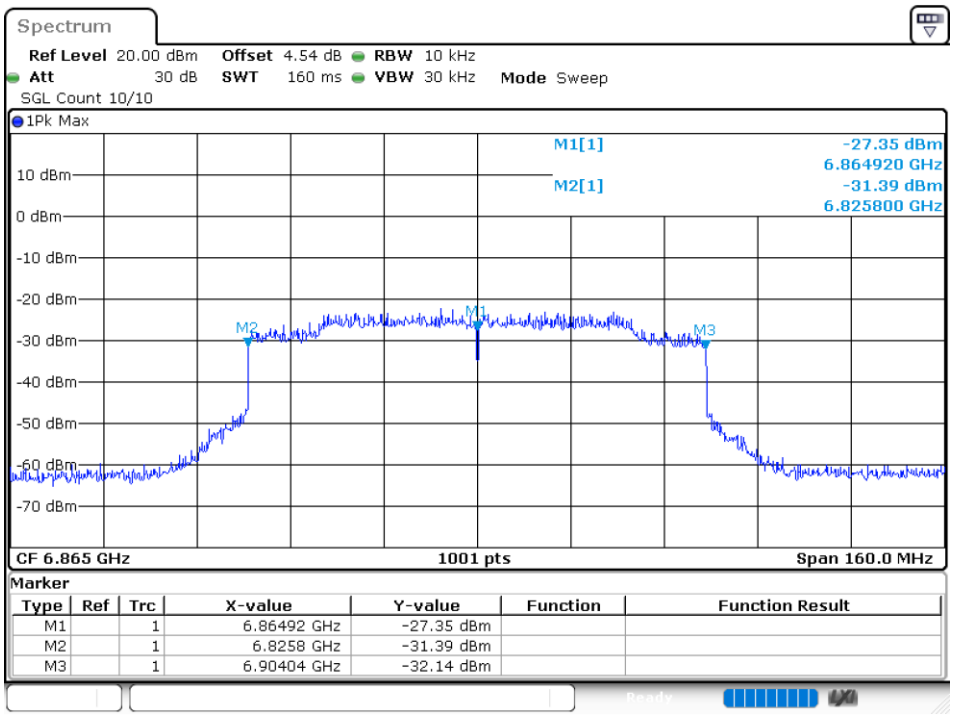
Freq. Stability NVNT ax40 6965MHz Ant2 0 Minutes



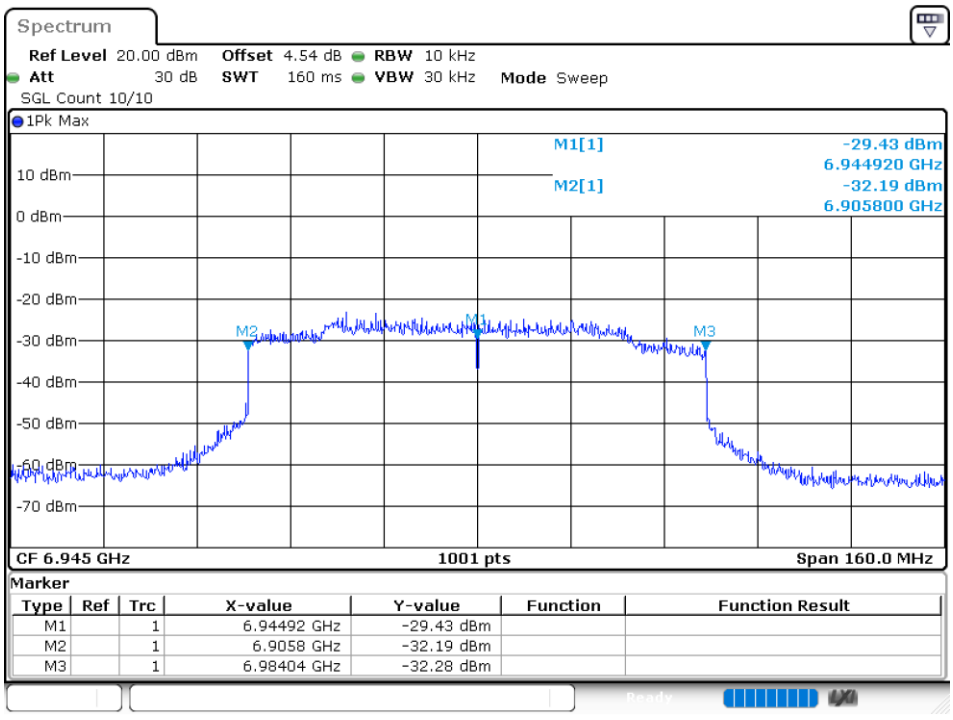
Freq. Stability NVNT ax40 7085MHz Ant2 0 Minutes



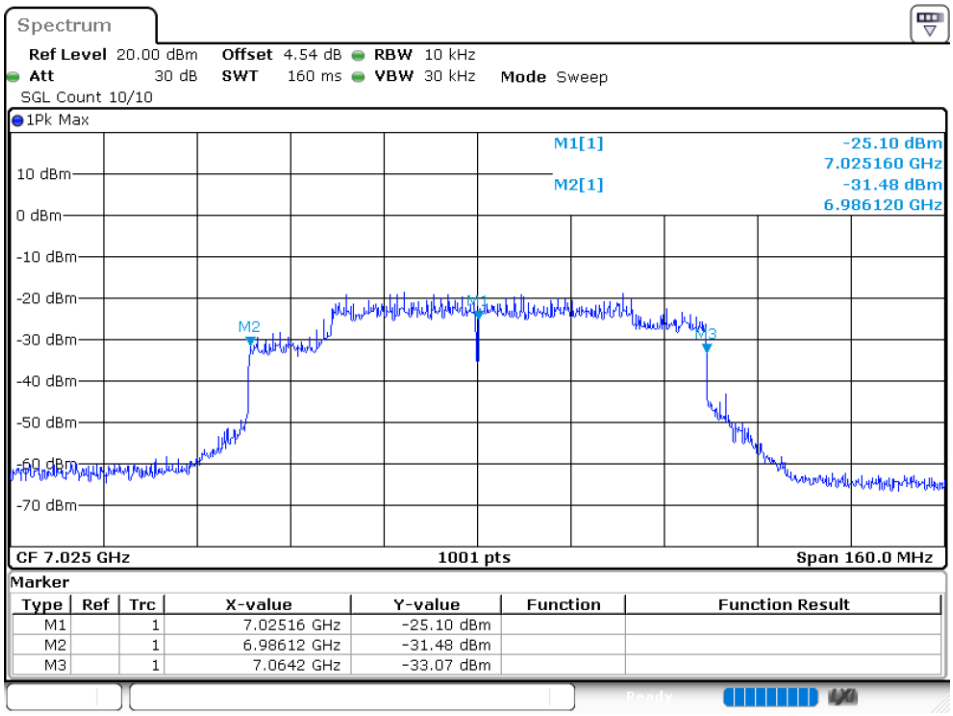
Freq. Stability NVNT ax80 6865MHz Ant1 0 Minutes



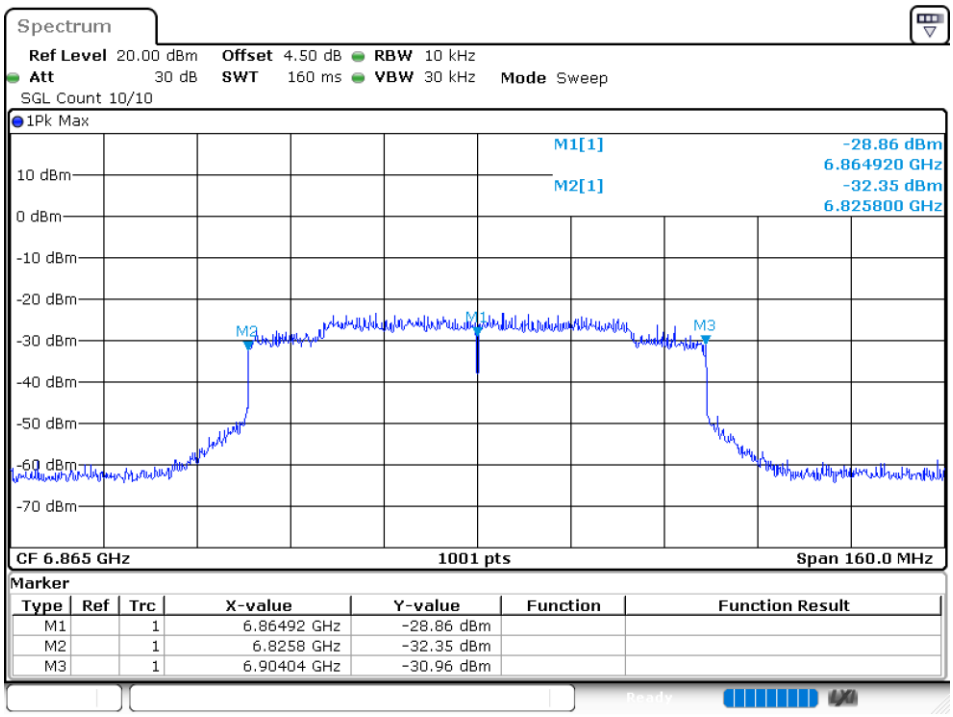
Freq. Stability NVNT ax80 6945MHz Ant1 0 Minutes



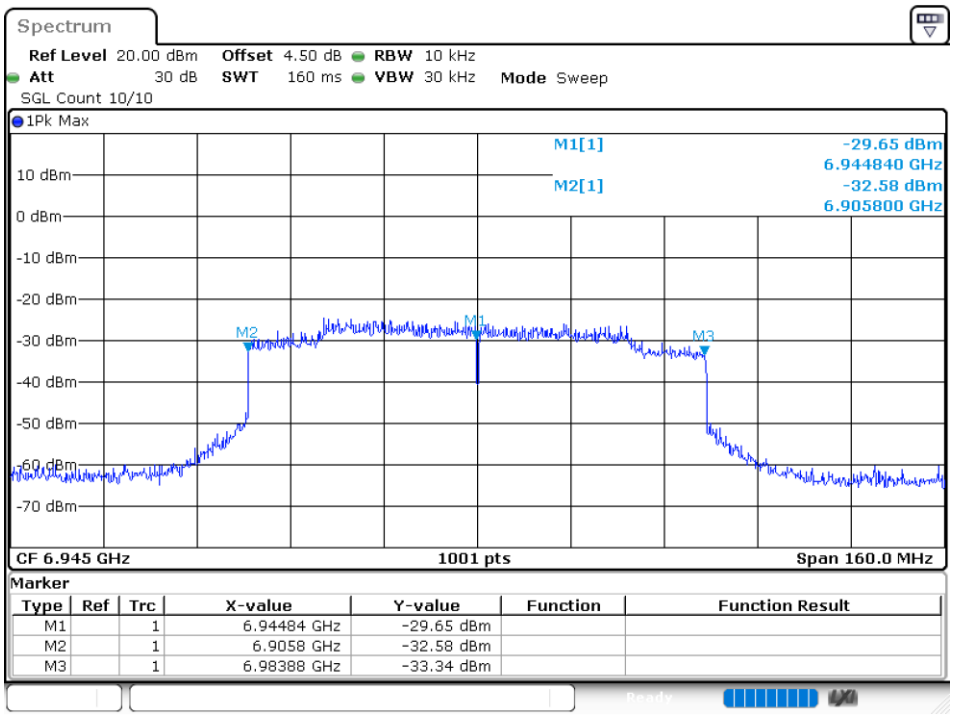
Freq. Stability NVNT ax80 7025MHz Ant1 0 Minutes



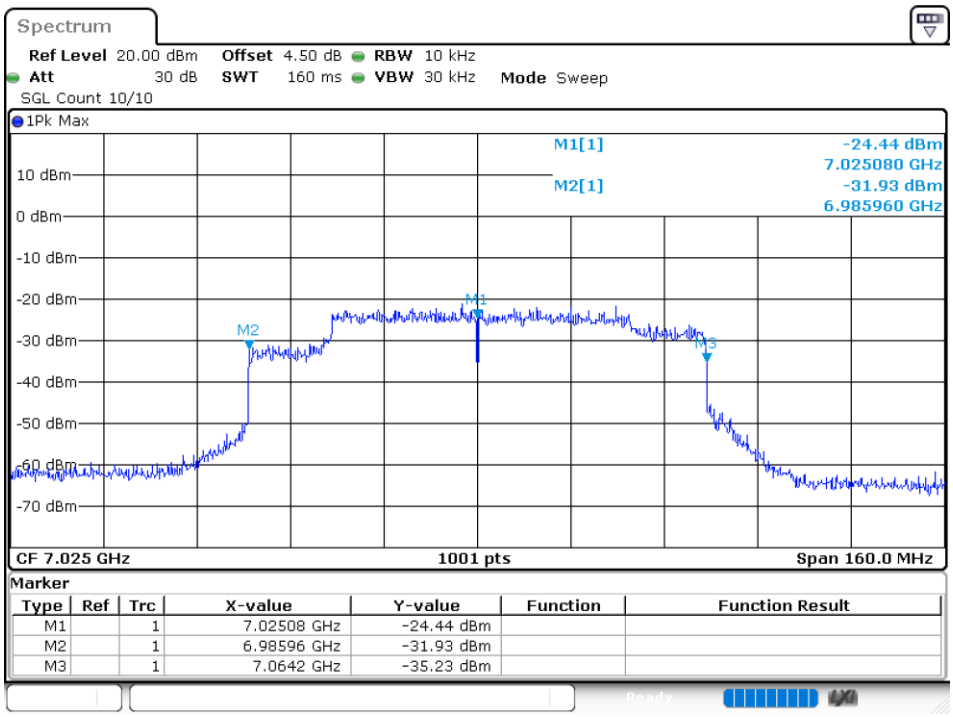
Freq. Stability NVNT ax80 6865MHz Ant2 0 Minutes



Freq. Stability NVNT ax80 6945MHz Ant2 0 Minutes



Freq. Stability NVNT ax80 7025MHz Ant2 0 Minutes



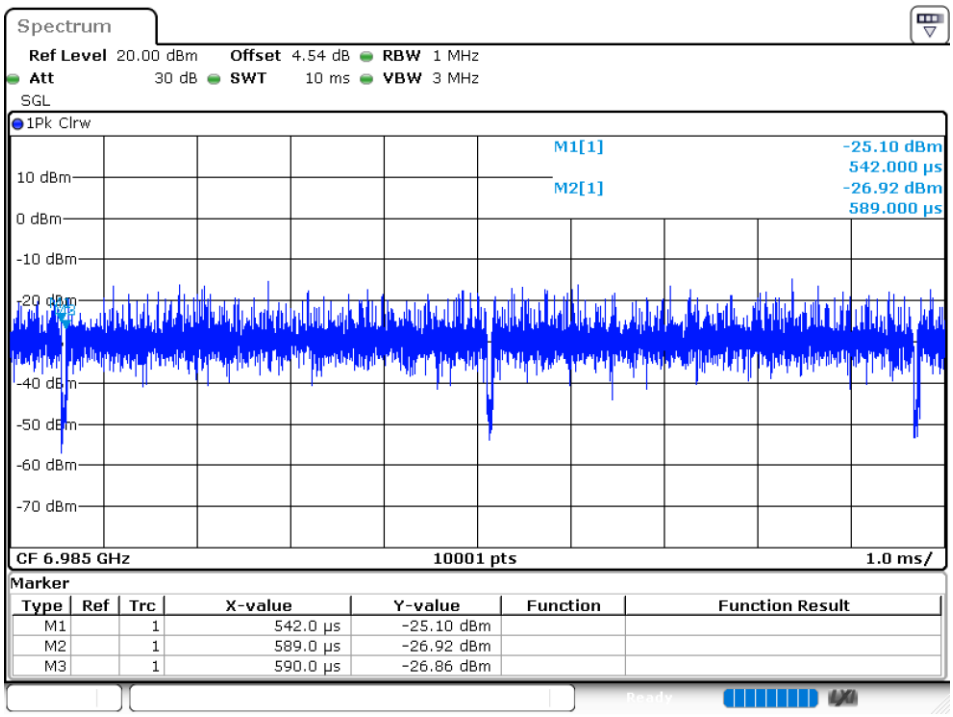
7.0G WIFI MIMO

Duty Cycle

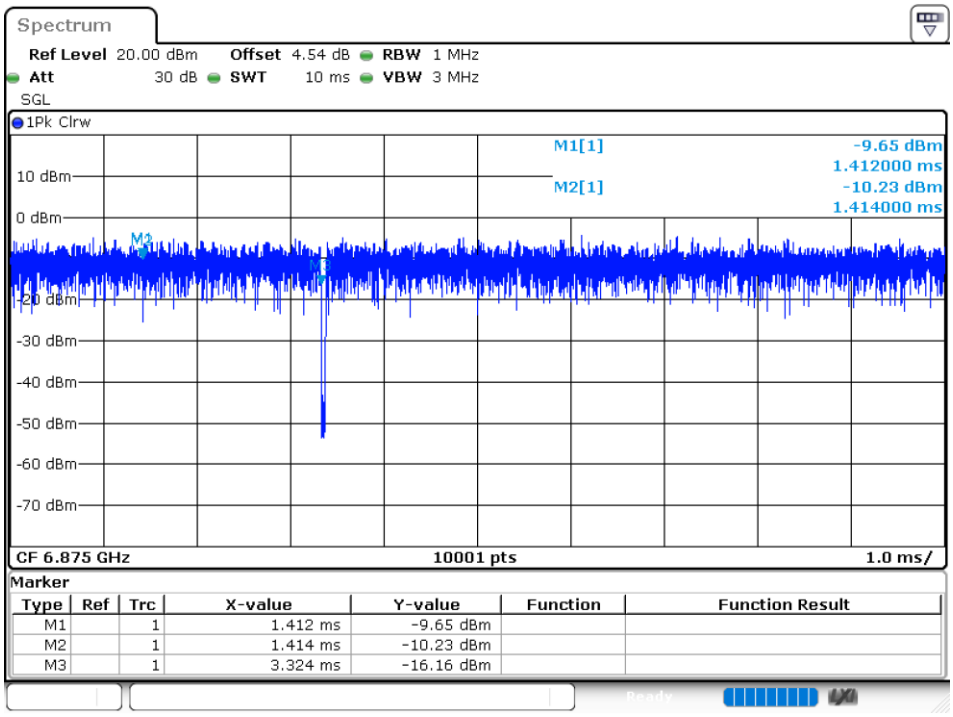
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	ax160	6985	Sum	99.12	0	0.22
NVNT	ax20	6875	Sum	99.9	0	0.52
NVNT	ax20	6995	Sum	98.35	0	8.4
NVNT	ax20	7115	Sum	99.96	0	0.21
NVNT	ax40	6885	Sum	99.92	0	0.4
NVNT	ax40	6965	Sum	99.6	0	2.02
NVNT	ax40	7085	Sum	99.96	0	0.21
NVNT	ax80	6865	Sum	99.37	0	0.13
NVNT	ax80	6945	Sum	98.63	0	6.94
NVNT	ax80	7025	Sum	99.94	0	0.28

Test Graphs

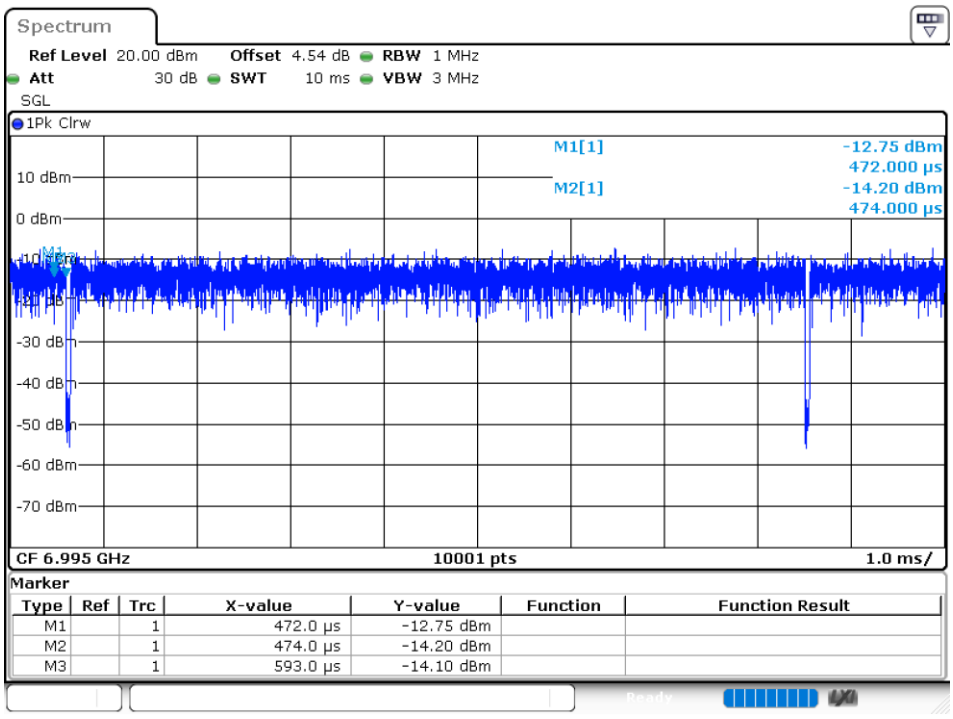
Duty Cycle NVNT ax160 6985MHz Sum



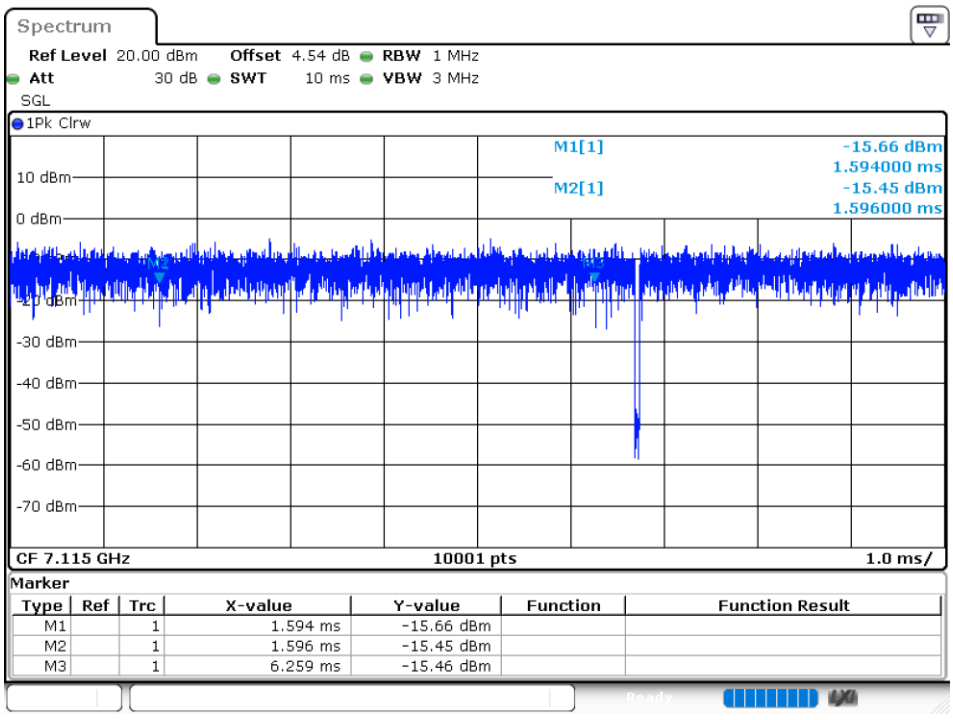
Duty Cycle NVNT ax20 6875MHz Sum



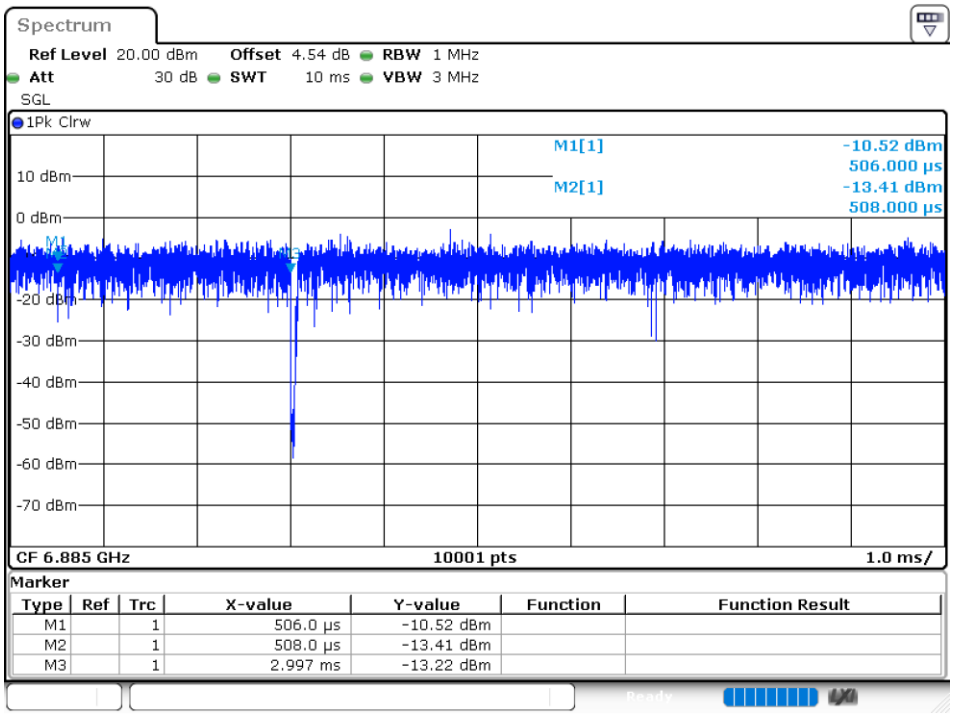
Duty Cycle NVNT ax20 6995MHz Sum



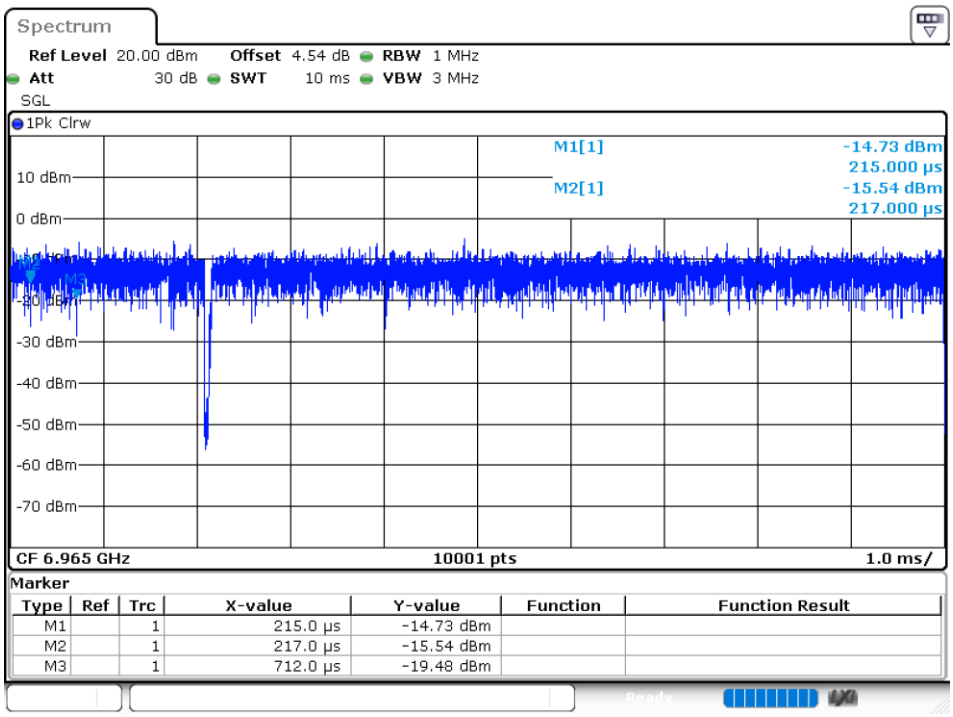
Duty Cycle NVNT ax20 7115MHz Sum



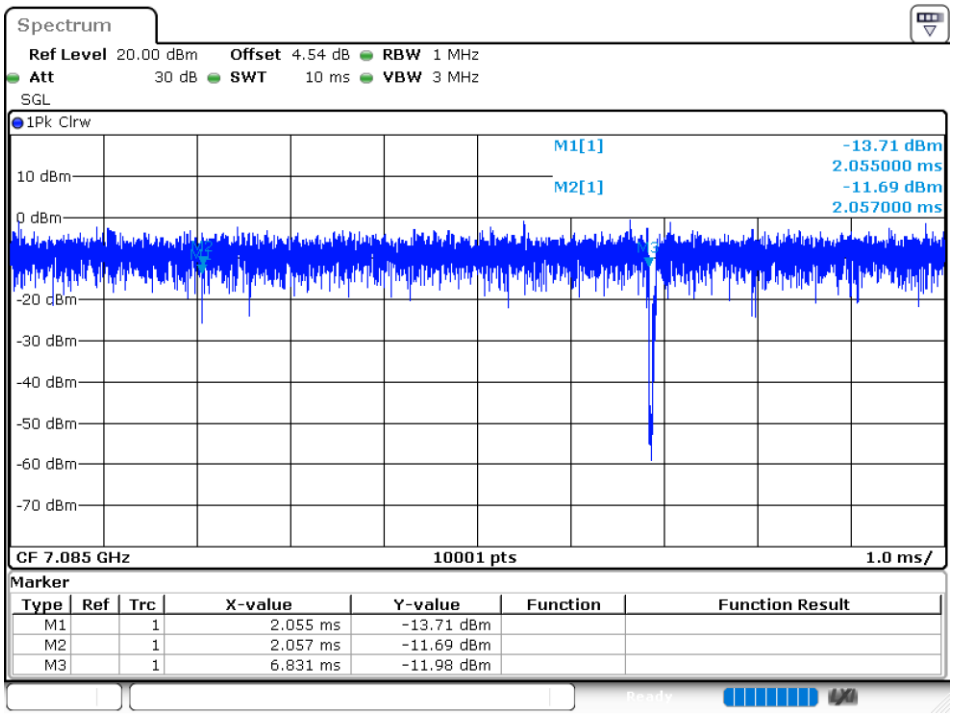
Duty Cycle NVNT ax40 6885MHz Sum



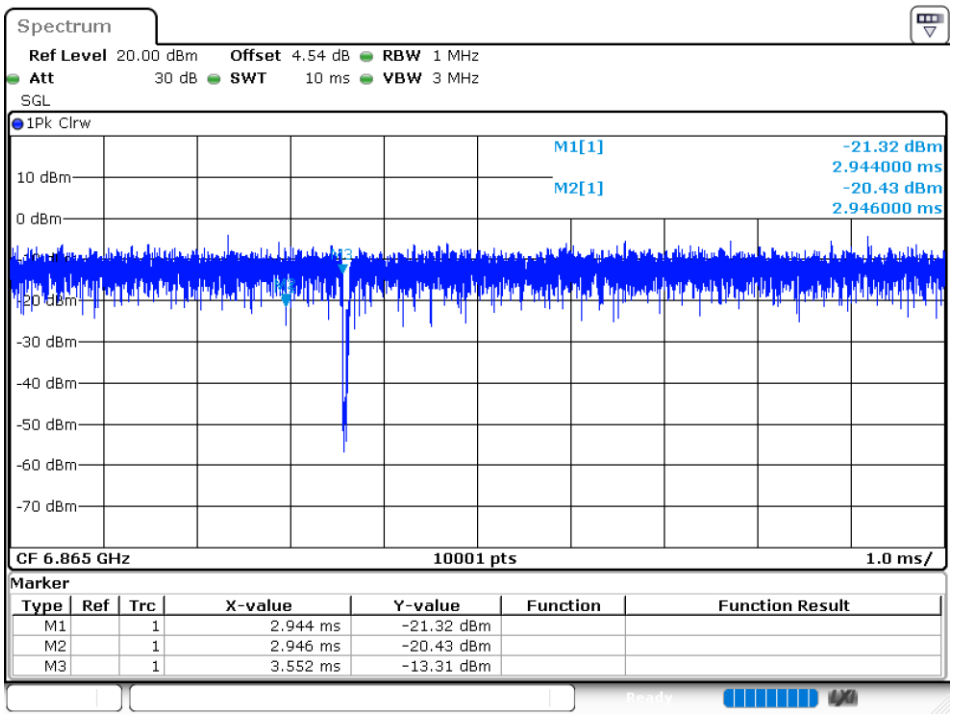
Duty Cycle NVNT ax40 6965MHz Sum



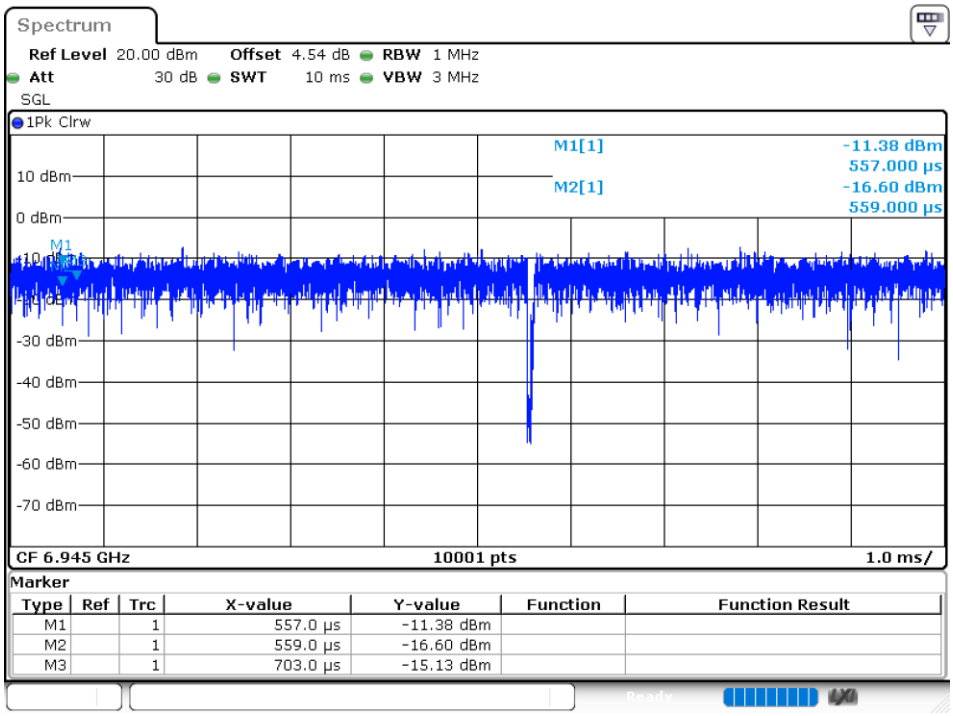
Duty Cycle NVNT ax40 7085MHz Sum



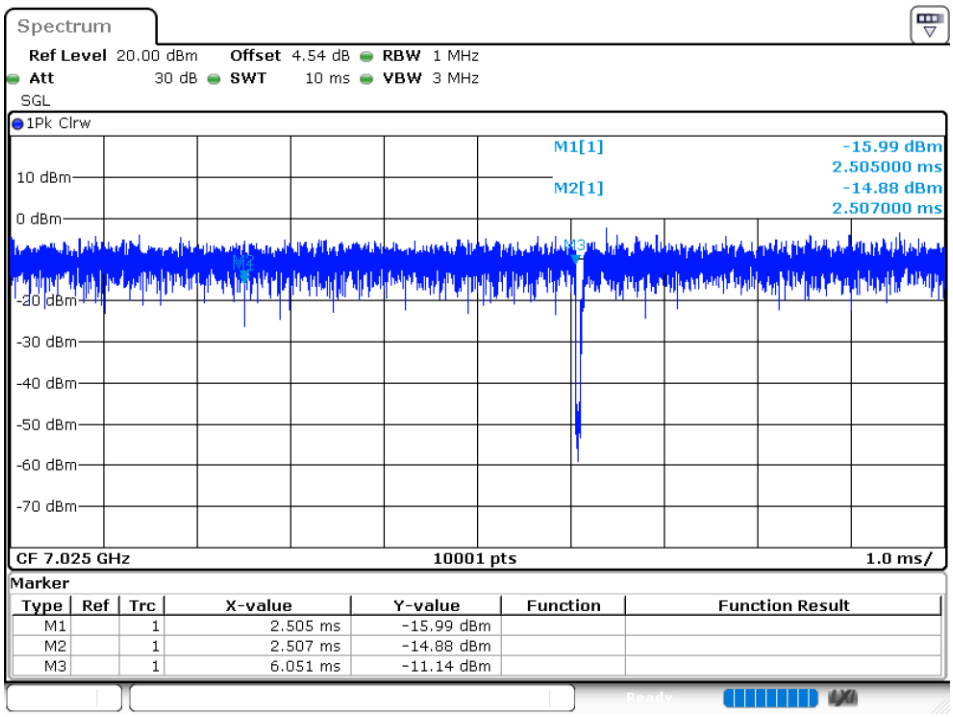
Duty Cycle NVNT ax80 6865MHz Sum



Duty Cycle NVNT ax80 6945MHz Sum



Duty Cycle NVNT ax80 7025MHz Sum



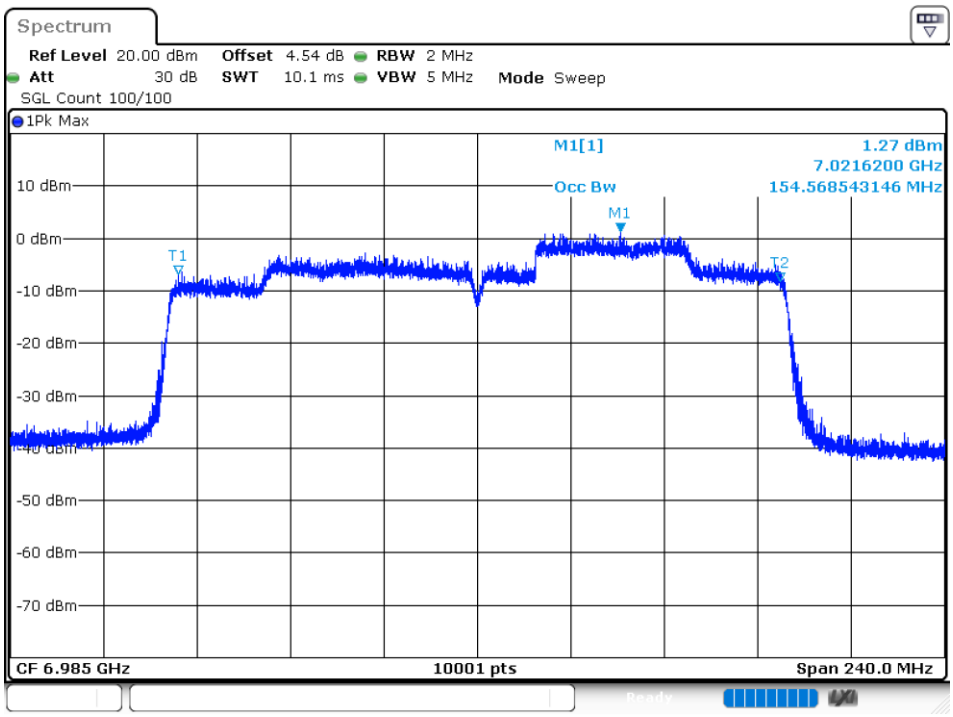
Maximum Conducted Output Power

Condition	Mode	Frequency (MHz)	Antenna	Conducted Power (dBm)	Gain (dBi)	eirp Power	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	7.93	4.9	12.83	24	Pass
NVNT	ax160	6985	Ant2	8.08	4.81	12.89	24	Pass
NVNT	ax160	6985	Sum			15.87	24	Pass
NVNT	ax20	6875	Ant1	2.46	4.9	7.36	24	Pass
NVNT	ax20	6875	Ant2	3.25	4.81	8.06	24	Pass
NVNT	ax20	6875	Sum			10.73	24	Pass
NVNT	ax20	6995	Ant1	2.79	4.9	7.69	24	Pass
NVNT	ax20	6995	Ant2	3.28	4.81	8.09	24	Pass
NVNT	ax20	6995	Sum			10.9	24	Pass
NVNT	ax20	7115	Ant1	-1.17	4.9	3.73	24	Pass
NVNT	ax20	7115	Ant2	-3.67	4.81	1.14	24	Pass
NVNT	ax20	7115	Sum			5.64	24	Pass
NVNT	ax40	6885	Ant1	6.33	4.9	11.23	24	Pass
NVNT	ax40	6885	Ant2	6.86	4.81	11.67	24	Pass
NVNT	ax40	6885	Sum			14.47	24	Pass
NVNT	ax40	6965	Ant1	6.3	4.9	11.2	24	Pass
NVNT	ax40	6965	Ant2	6.75	4.81	11.56	24	Pass
NVNT	ax40	6965	Sum			14.39	24	Pass
NVNT	ax40	7085	Ant1	6.27	4.9	11.17	24	Pass
NVNT	ax40	7085	Ant2	6.87	4.81	11.68	24	Pass
NVNT	ax40	7085	Sum			14.44	24	Pass
NVNT	ax80	6865	Ant1	7.17	4.9	12.07	24	Pass
NVNT	ax80	6865	Ant2	7.79	4.81	12.6	24	Pass
NVNT	ax80	6865	Sum			15.35	24	Pass
NVNT	ax80	6945	Ant1	7.27	4.9	12.17	24	Pass
NVNT	ax80	6945	Ant2	7.94	4.81	12.75	24	Pass
NVNT	ax80	6945	Sum			15.48	24	Pass
NVNT	ax80	7025	Ant1	7.28	4.9	12.18	24	Pass
NVNT	ax80	7025	Ant2	7.59	4.81	12.4	24	Pass
NVNT	ax80	7025	Sum			15.3	24	Pass

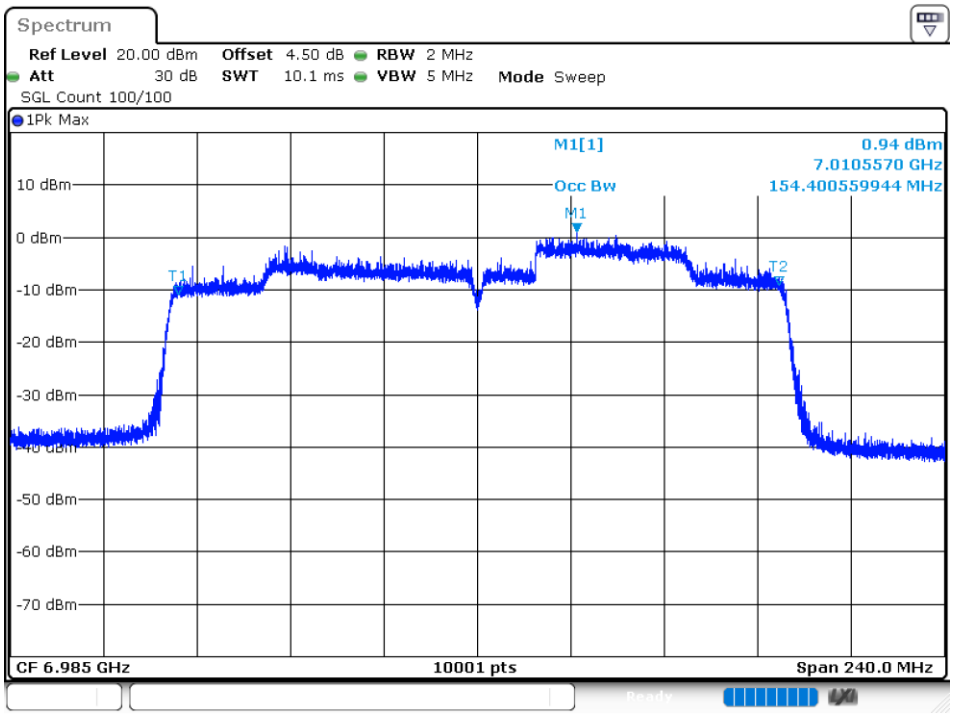
Occupied Channel Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax160	6985	Ant1	154.569
NVNT	ax160	6985	Ant2	154.401
NVNT	ax20	6875	Ant1	19.051
NVNT	ax20	6875	Ant2	19.063
NVNT	ax20	6995	Ant1	18.928
NVNT	ax20	6995	Ant2	18.883
NVNT	ax20	7115	Ant1	19.024
NVNT	ax20	7115	Ant2	19.057
NVNT	ax40	6885	Ant1	37.868
NVNT	ax40	6885	Ant2	37.802
NVNT	ax40	6965	Ant1	37.844
NVNT	ax40	6965	Ant2	37.904
NVNT	ax40	7085	Ant1	37.922
NVNT	ax40	7085	Ant2	37.934
NVNT	ax80	6865	Ant1	76.66
NVNT	ax80	6865	Ant2	76.384
NVNT	ax80	6945	Ant1	76.588
NVNT	ax80	6945	Ant2	76.264
NVNT	ax80	7025	Ant1	75.148
NVNT	ax80	7025	Ant2	75.184

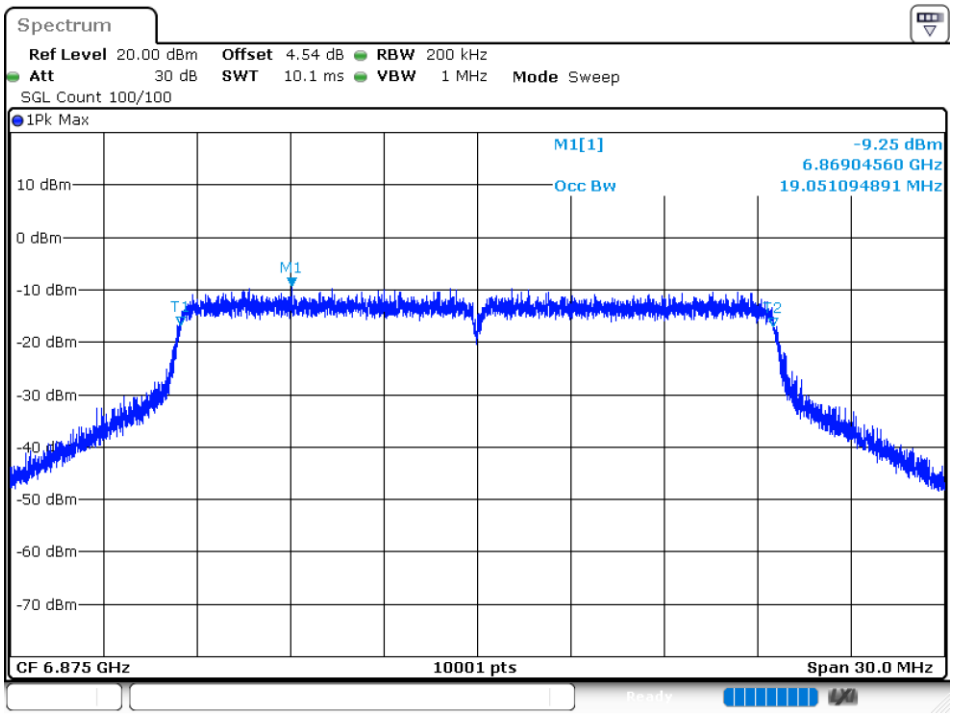
Test Graphs
OBW NVNT ax160 6985MHz Ant1



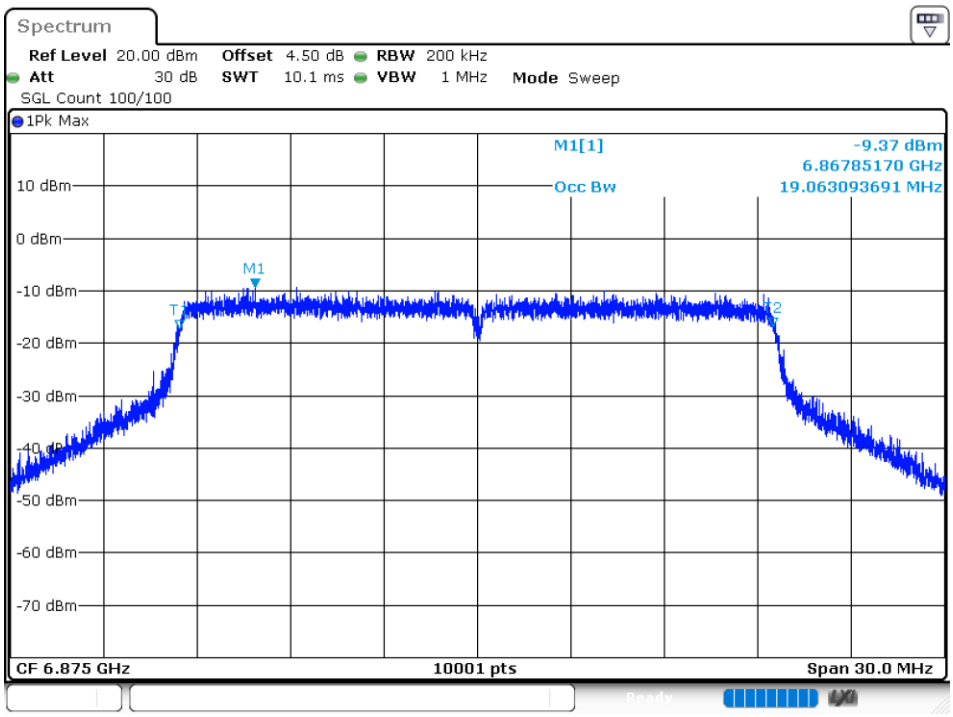
OBW NVNT ax160 6985MHz Ant2



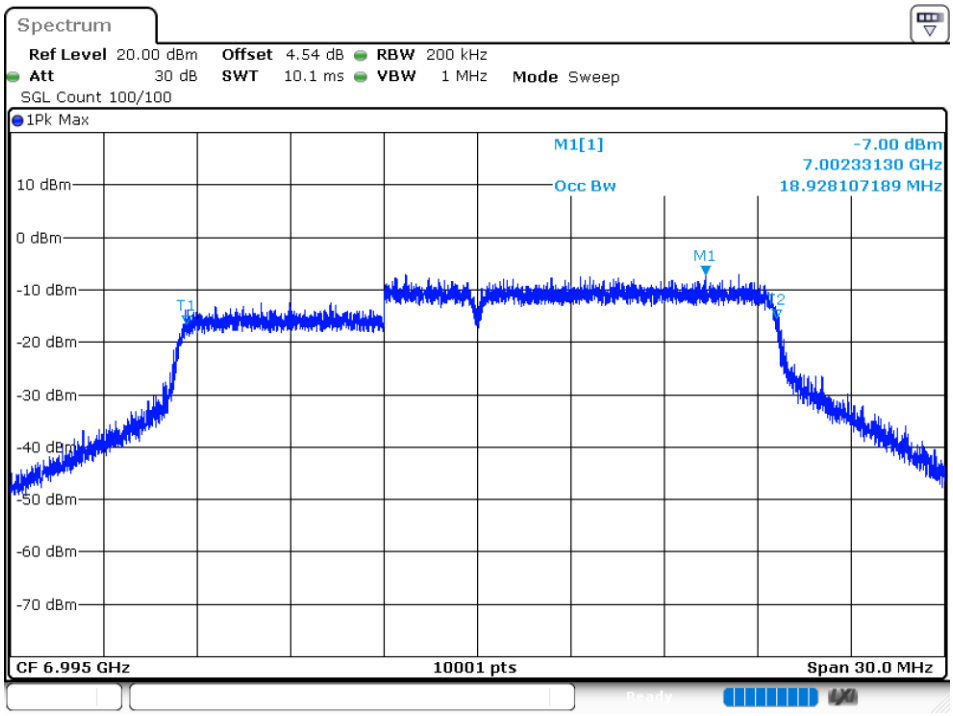
OBW NVNT ax20 6875MHz Ant1



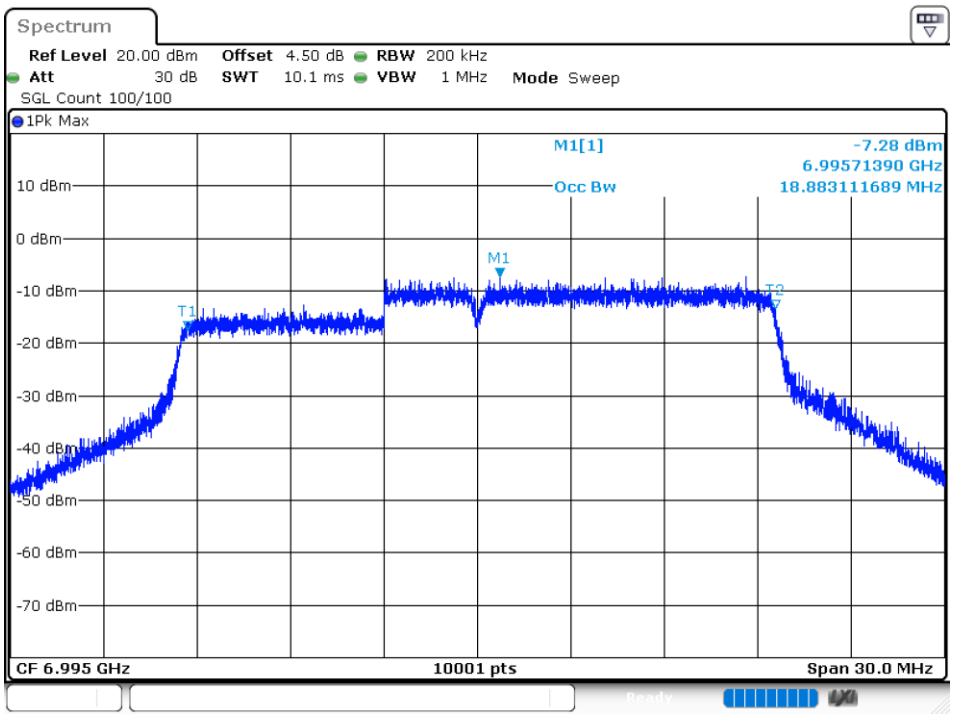
OBW NVNT ax20 6875MHz Ant2



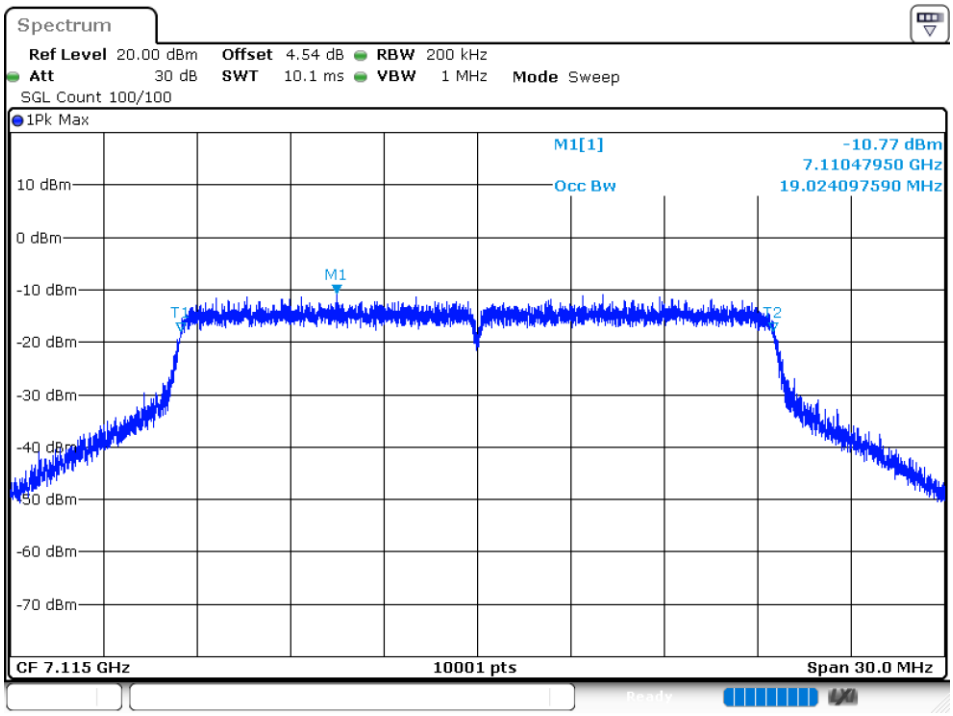
OBW NVNT ax20 6995MHz Ant1



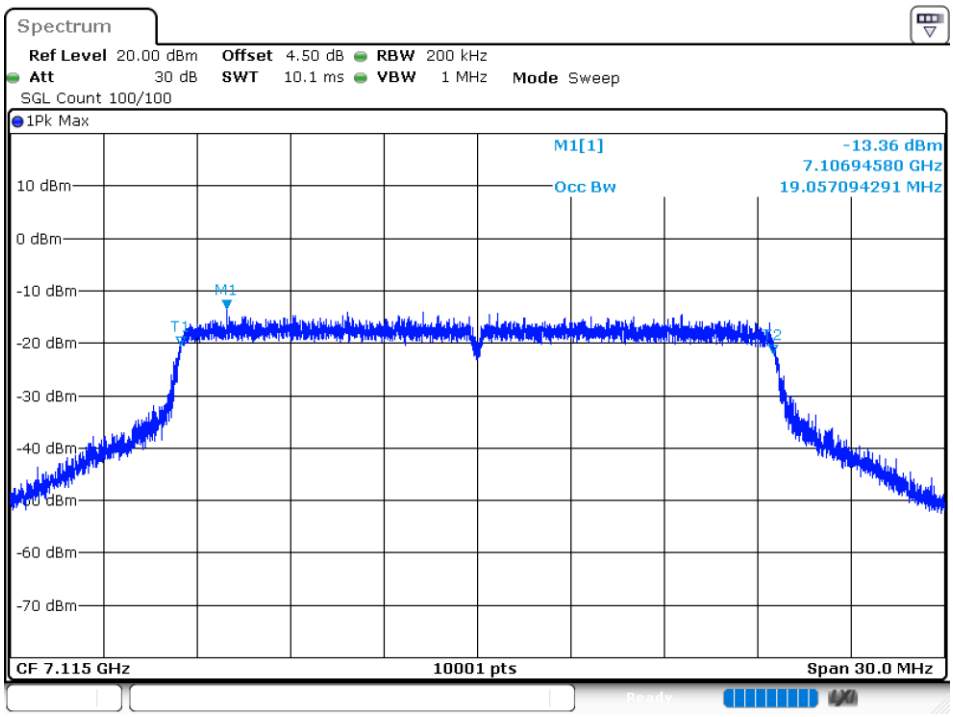
OBW NVNT ax20 6995MHz Ant2



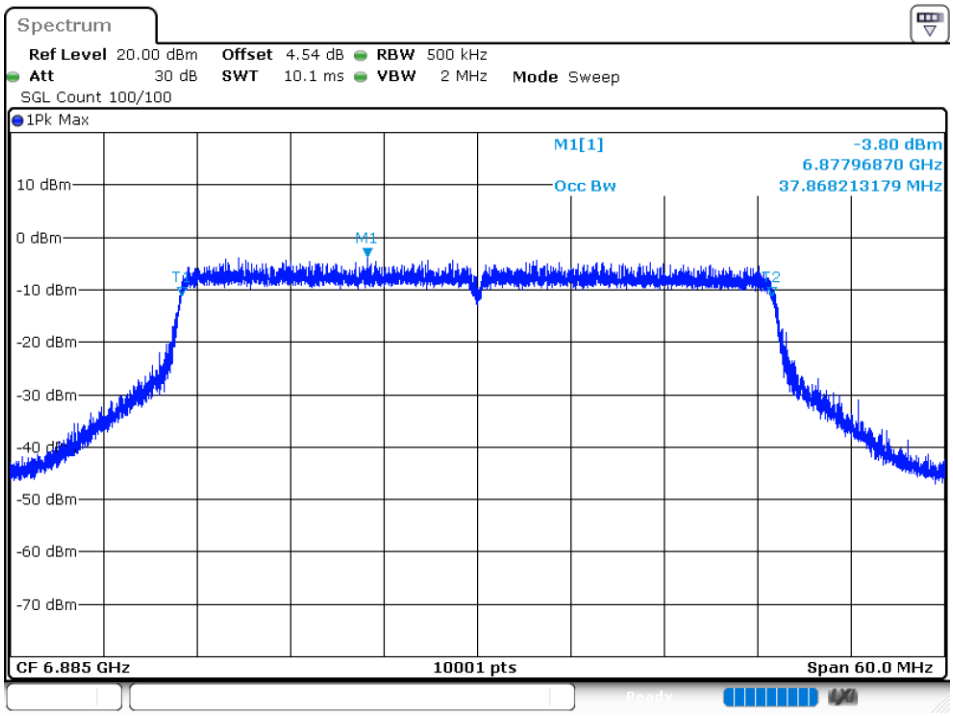
OBW NVNT ax20 7115MHz Ant1



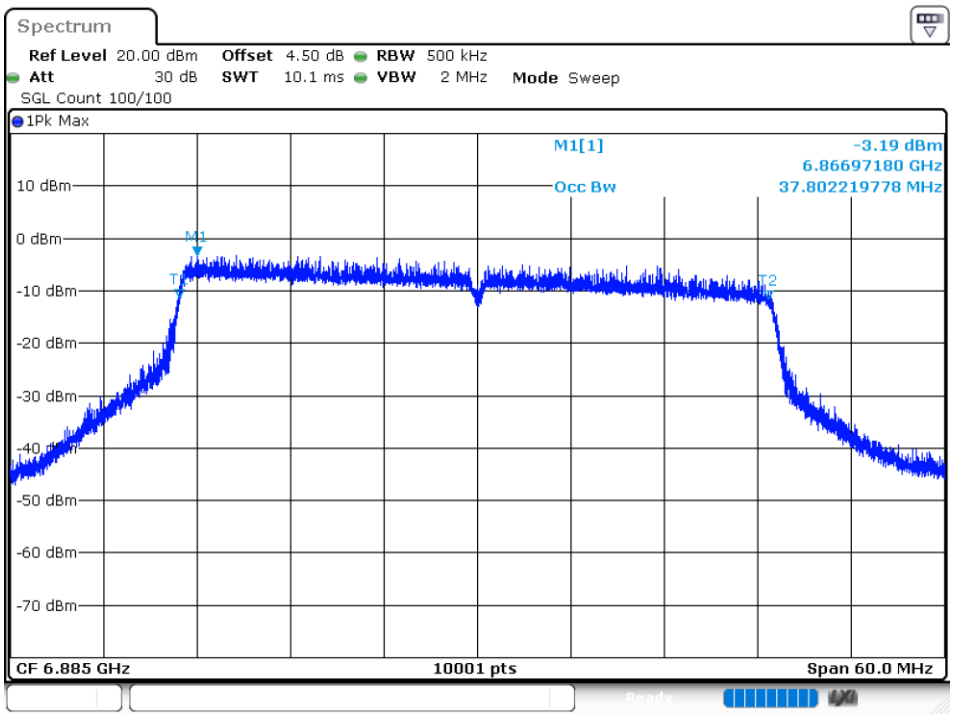
OBW NVNT ax20 7115MHz Ant2



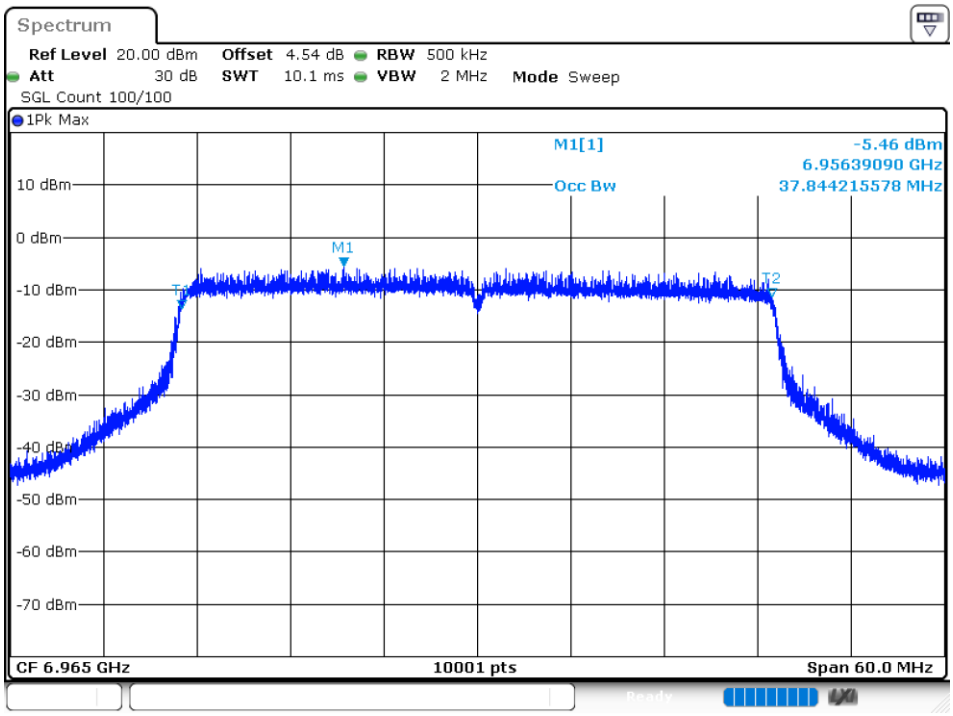
OBW NVNT ax40 6885MHz Ant1



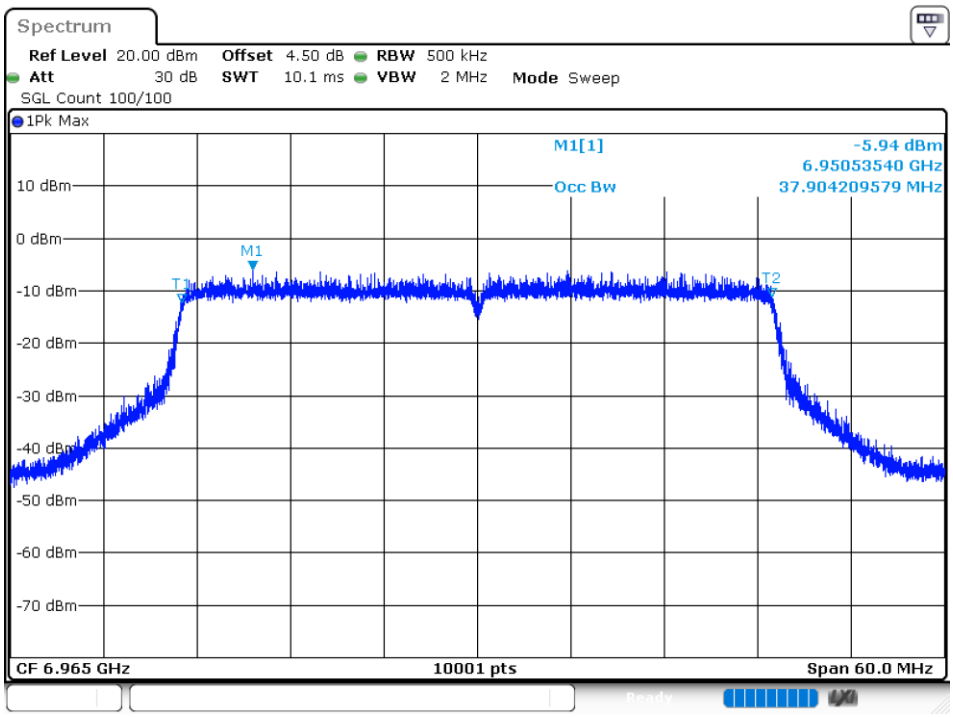
OBW NVNT ax40 6885MHz Ant2



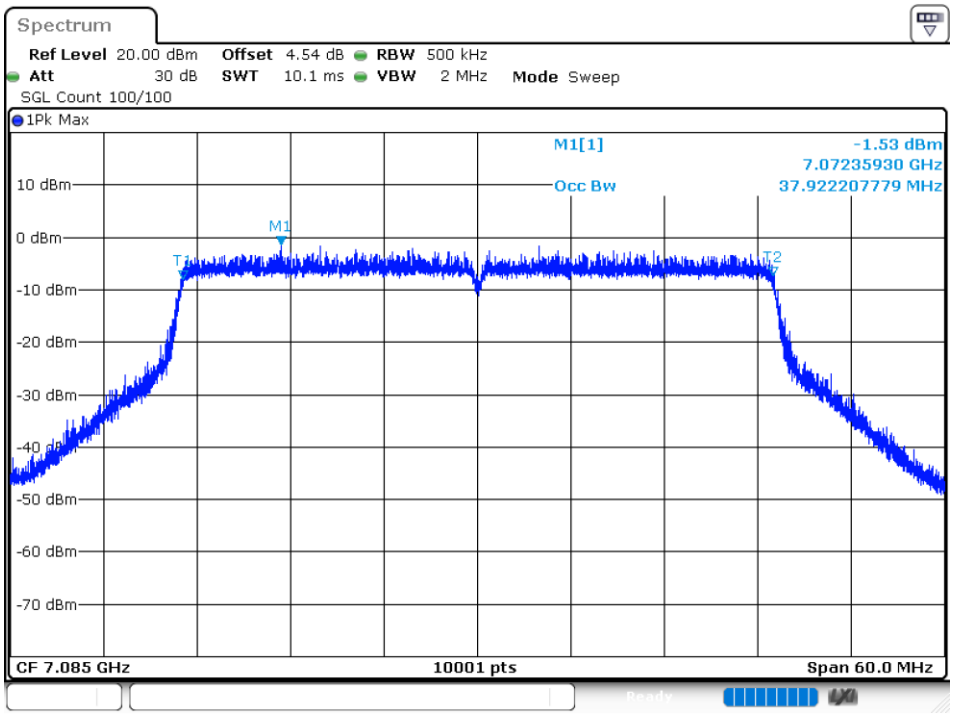
OBW NVNT ax40 6965MHz Ant1



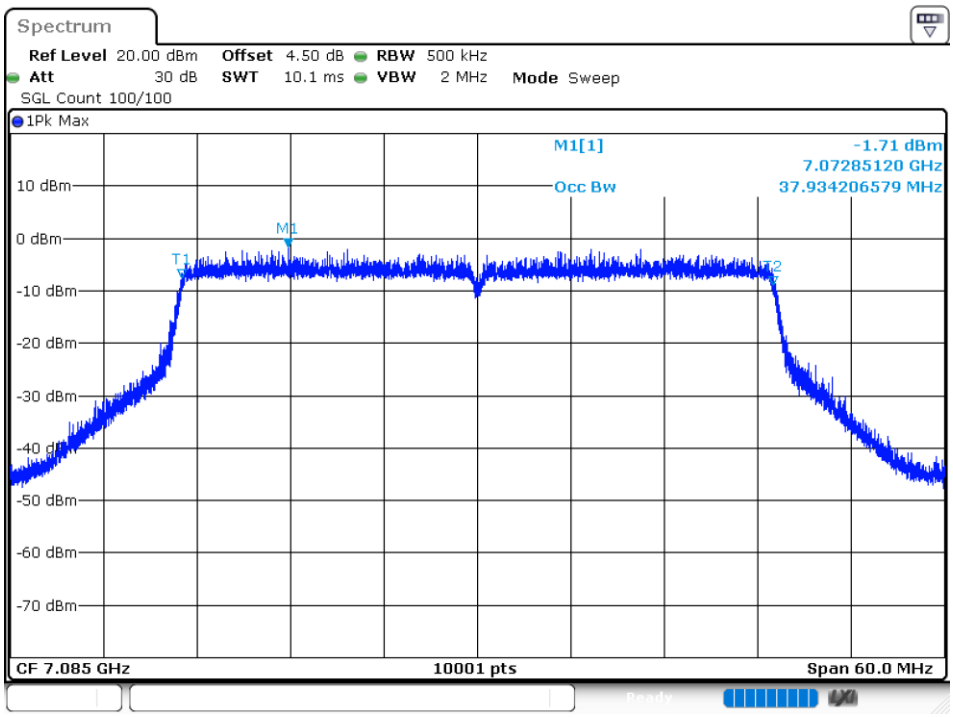
OBW NVNT ax40 6965MHz Ant2



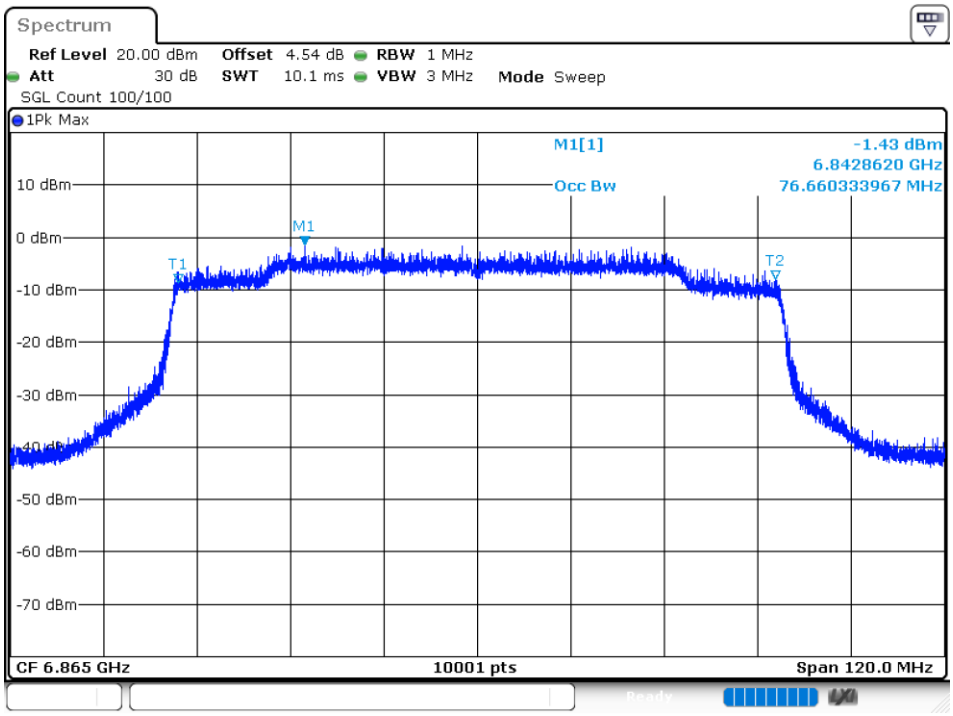
OBW NVNT ax40 7085MHz Ant1



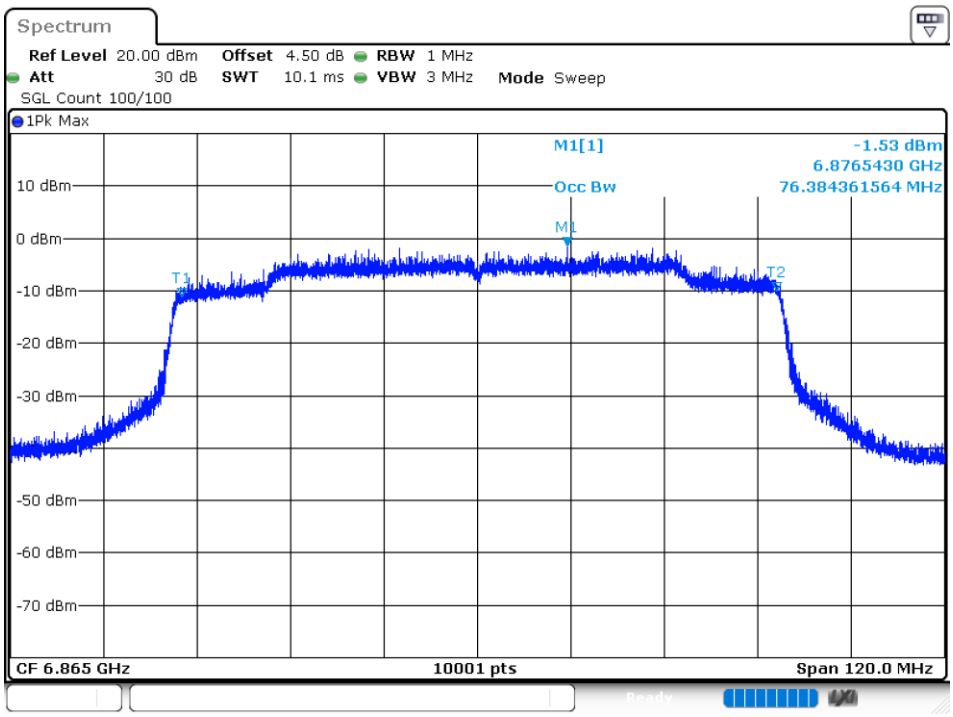
OBW NVNT ax40 7085MHz Ant2



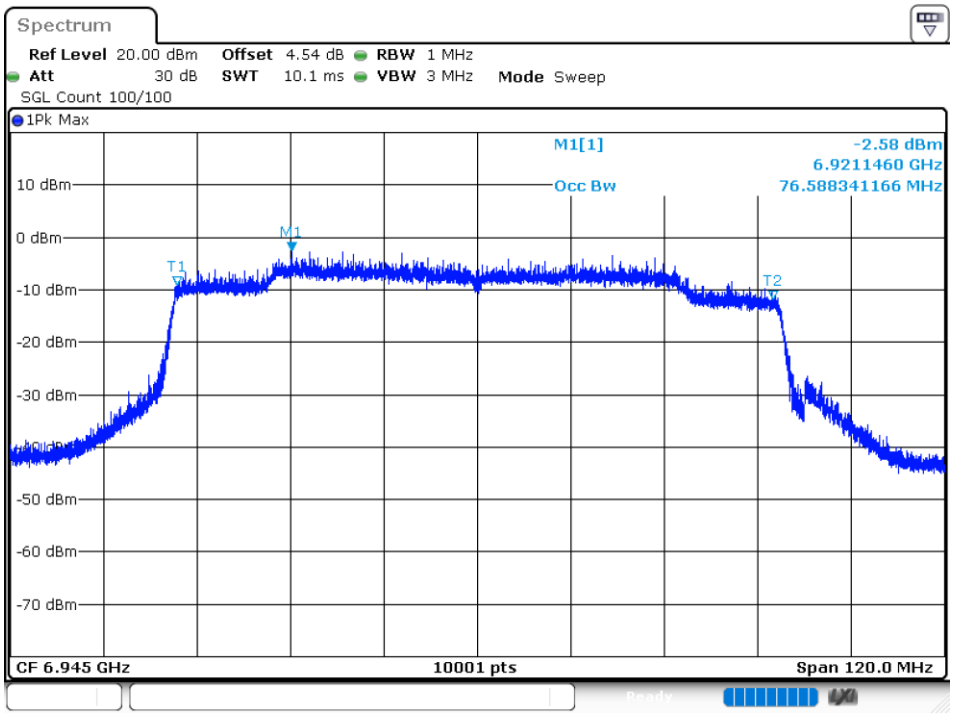
OBW NVNT ax80 6865MHz Ant1



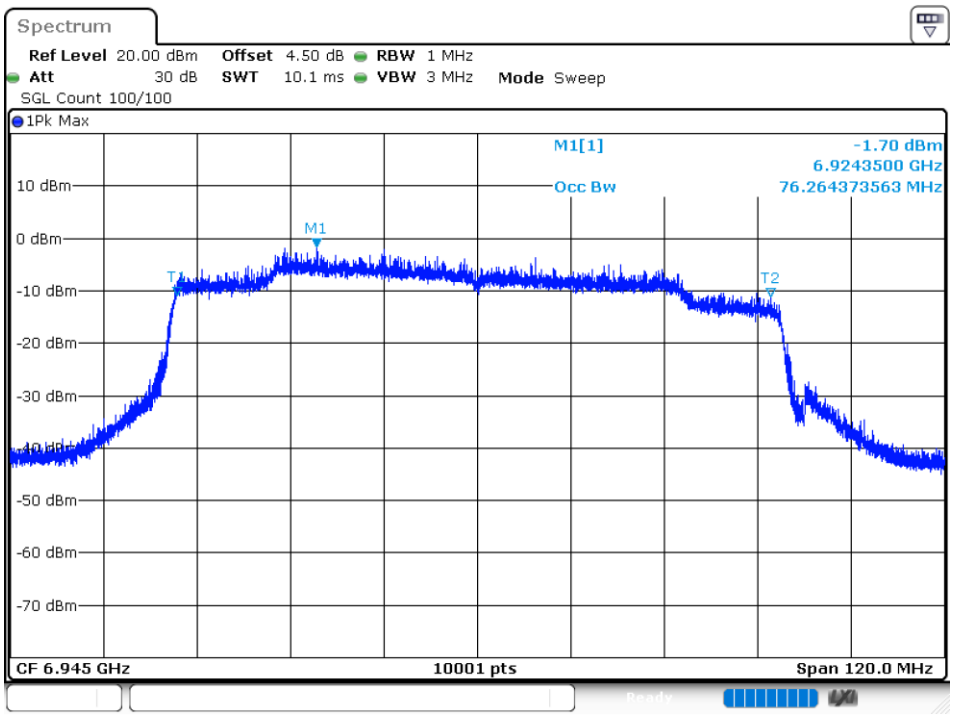
OBW NVNT ax80 6865MHz Ant2



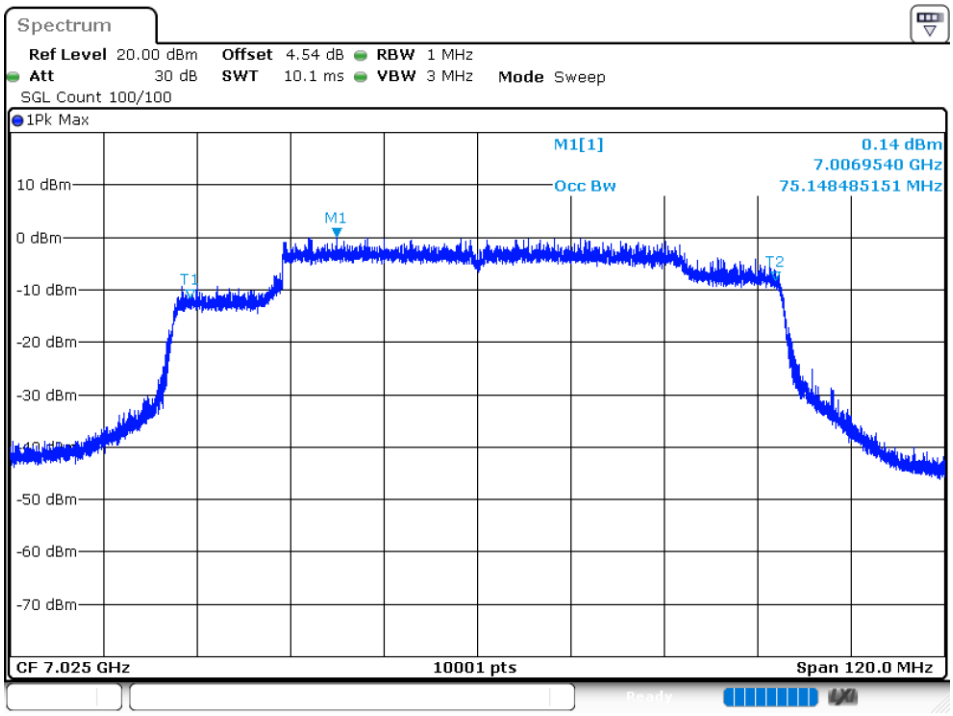
OBW NVNT ax80 6945MHz Ant1



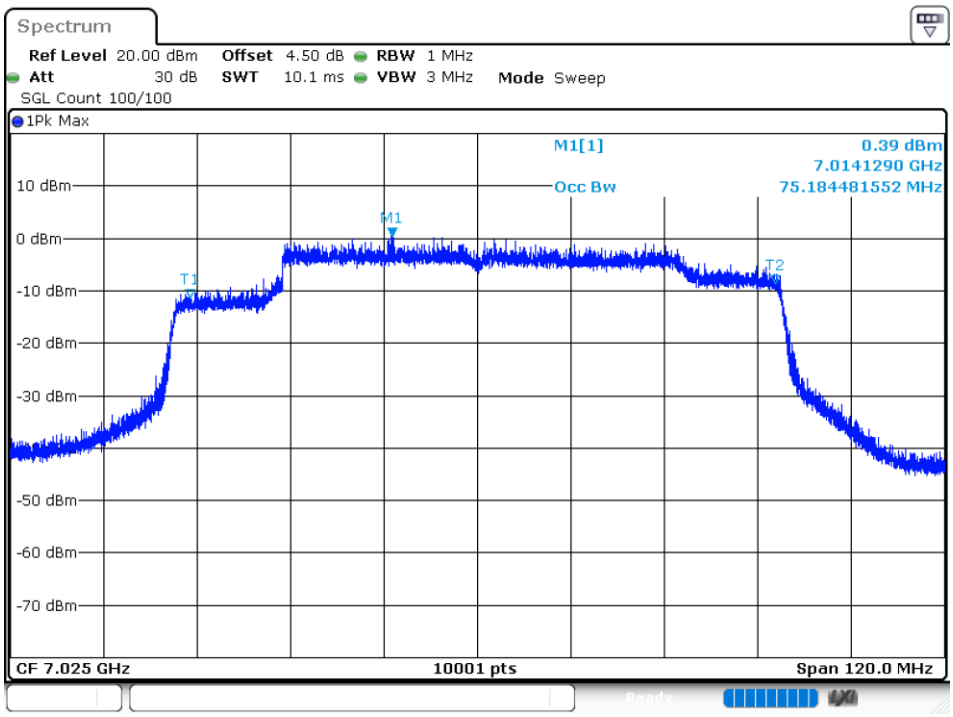
OBW NVNT ax80 6945MHz Ant2



OBW NVNT ax80 7025MHz Ant1



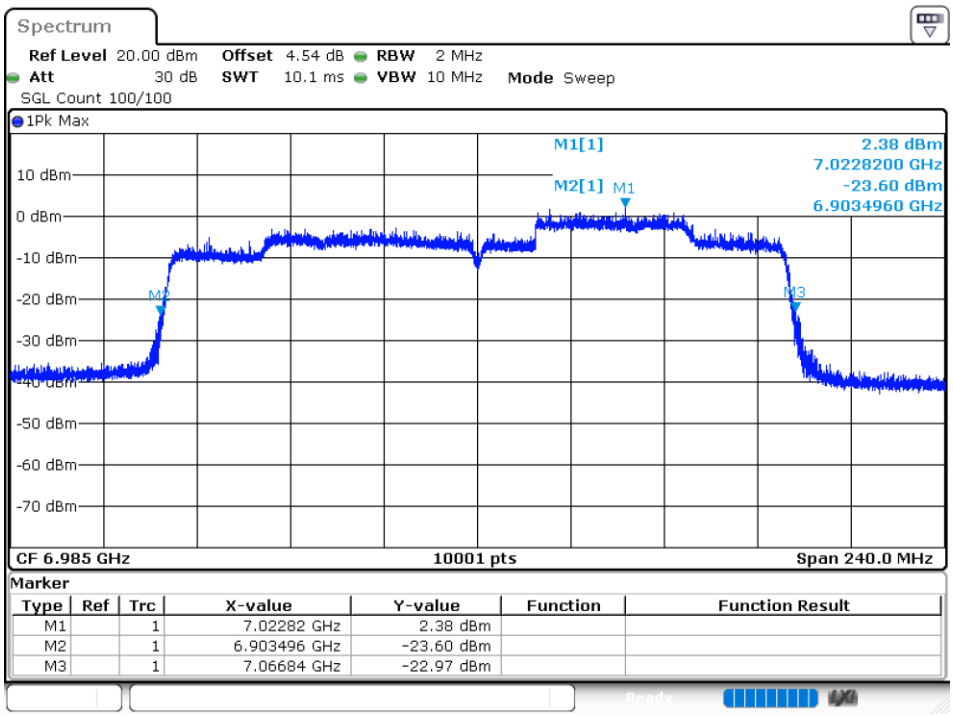
OBW NVNT ax80 7025MHz Ant2



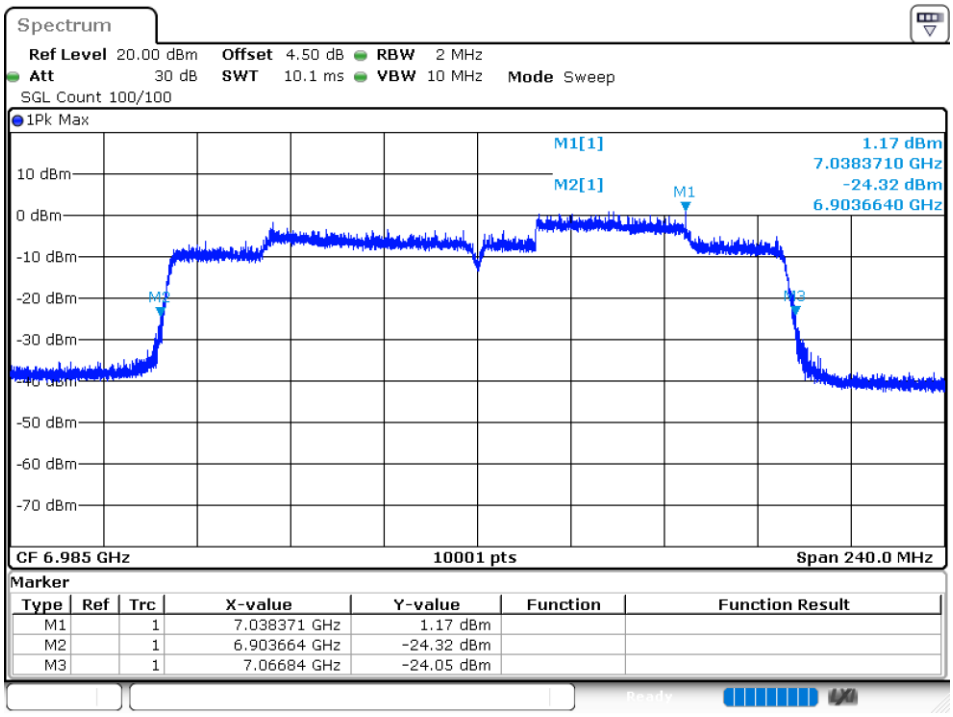
-26dB Bandwidth

Condition	Mode	Frequency (MHz)	Antenna	-26 dB Bandwidth (MHz)	Verdict
NVNT	ax160	6985	Ant1	163.344	Pass
NVNT	ax160	6985	Ant2	163.176	Pass
NVNT	ax20	6875	Ant1	24.411	Pass
NVNT	ax20	6875	Ant2	24.63	Pass
NVNT	ax20	6995	Ant1	23.46	Pass
NVNT	ax20	6995	Ant2	23.166	Pass
NVNT	ax20	7115	Ant1	26.025	Pass
NVNT	ax20	7115	Ant2	25.062	Pass
NVNT	ax40	6885	Ant1	44.808	Pass
NVNT	ax40	6885	Ant2	44.856	Pass
NVNT	ax40	6965	Ant1	45.15	Pass
NVNT	ax40	6965	Ant2	45.444	Pass
NVNT	ax40	7085	Ant1	43.962	Pass
NVNT	ax40	7085	Ant2	43.902	Pass
NVNT	ax80	6865	Ant1	82.836	Pass
NVNT	ax80	6865	Ant2	82.932	Pass
NVNT	ax80	6945	Ant1	86.496	Pass
NVNT	ax80	6945	Ant2	81.792	Pass
NVNT	ax80	7025	Ant1	82.188	Pass
NVNT	ax80	7025	Ant2	83.064	Pass

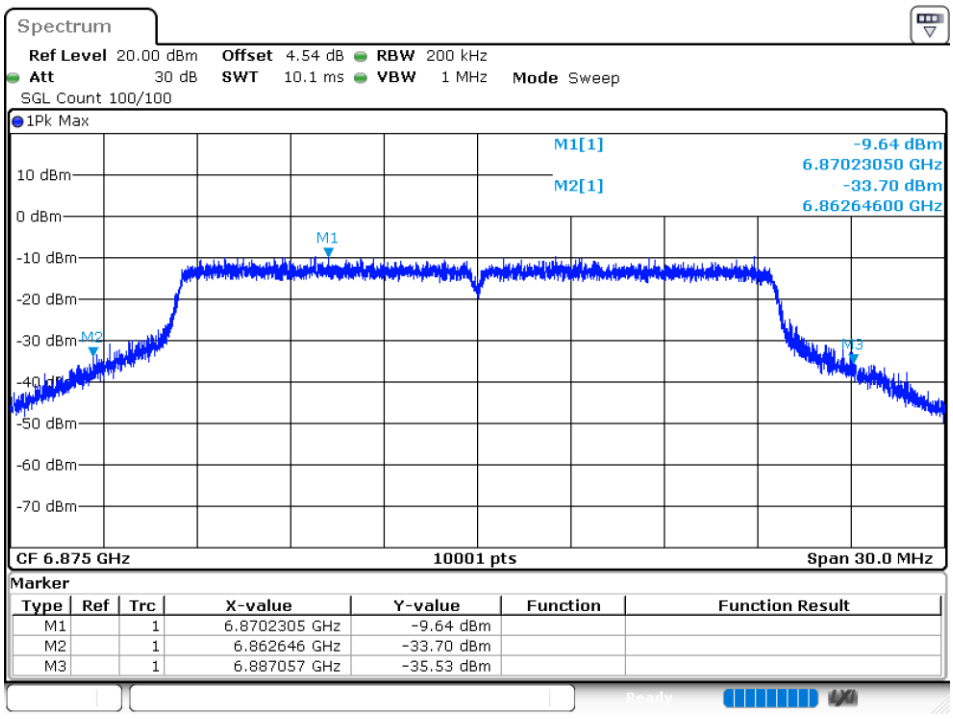
Test Graphs
-26dB Bandwidth NVNT ax160 6985MHz Ant1



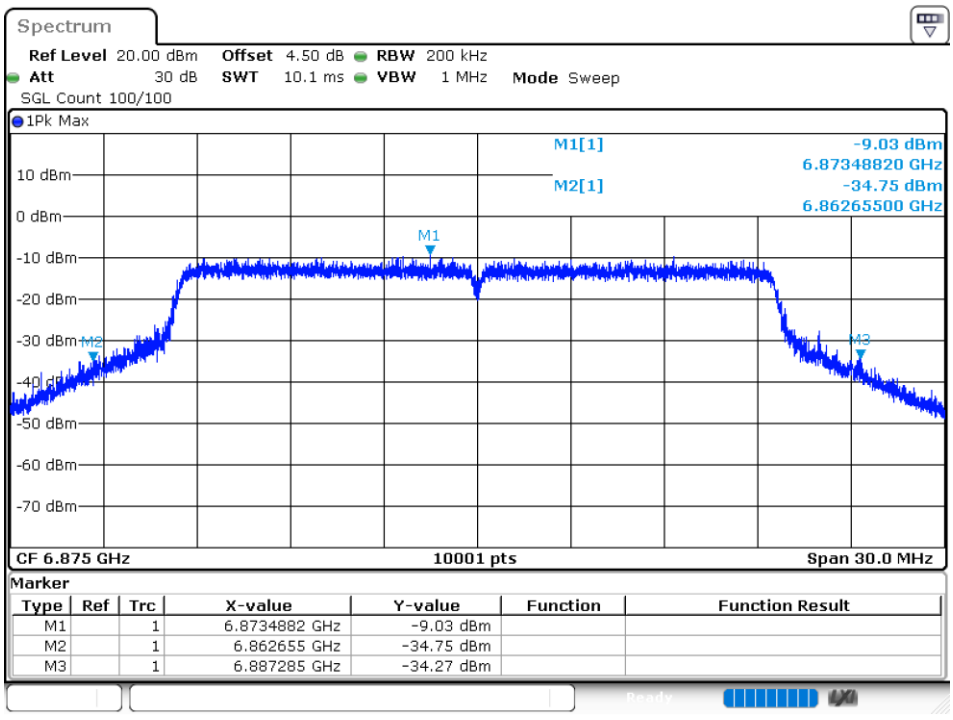
-26dB Bandwidth NVNT ax160 6985MHz Ant2



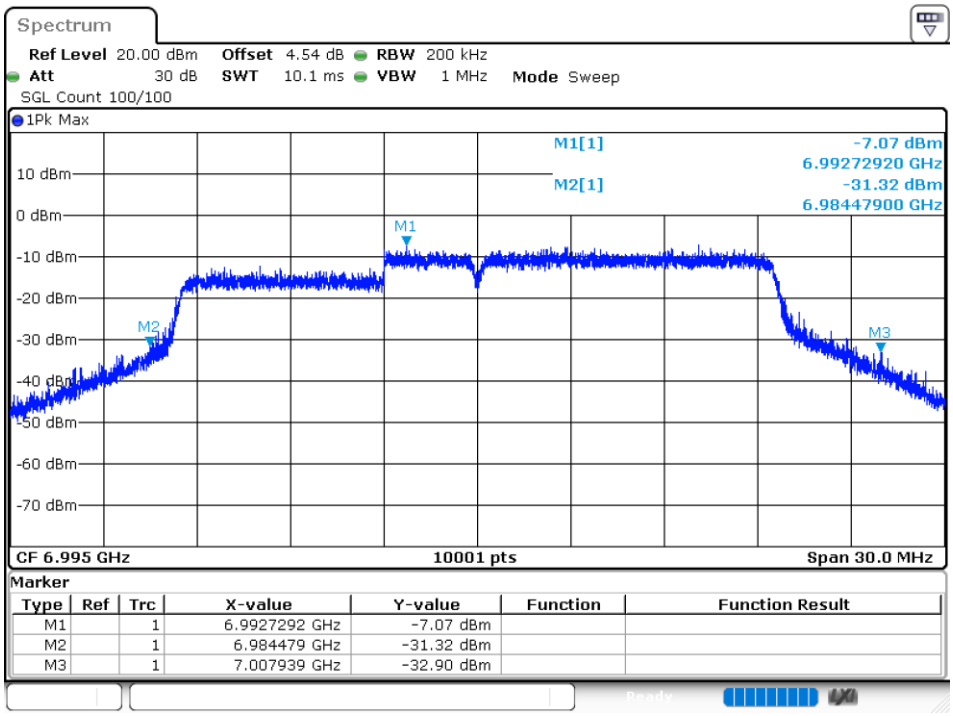
-26dB Bandwidth NVNT ax20 6875MHz Ant1



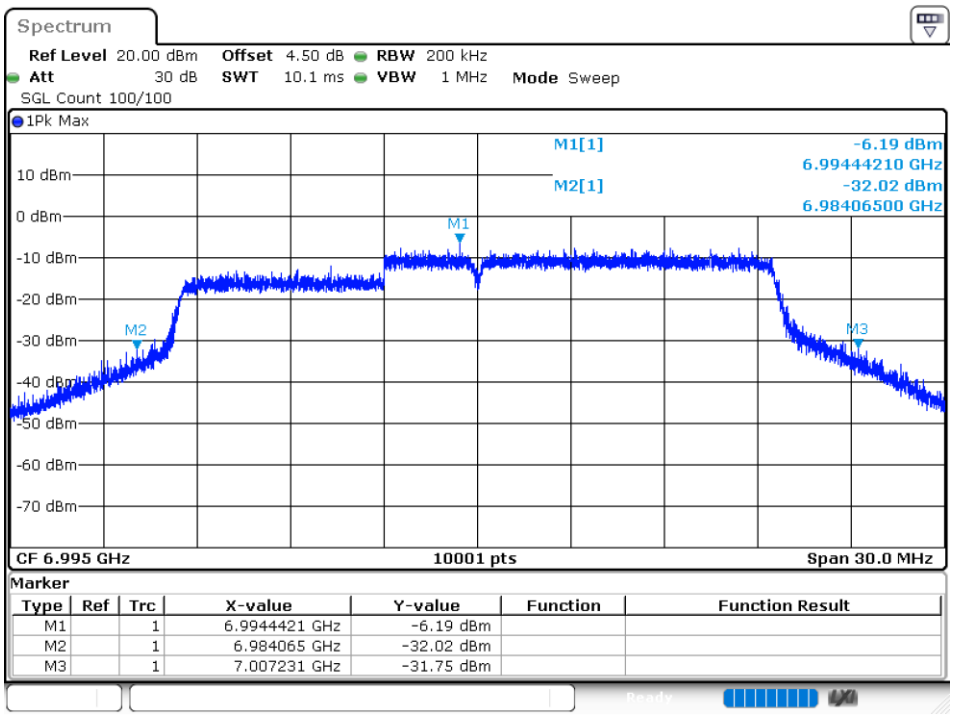
-26dB Bandwidth NVNT ax20 6875MHz Ant2



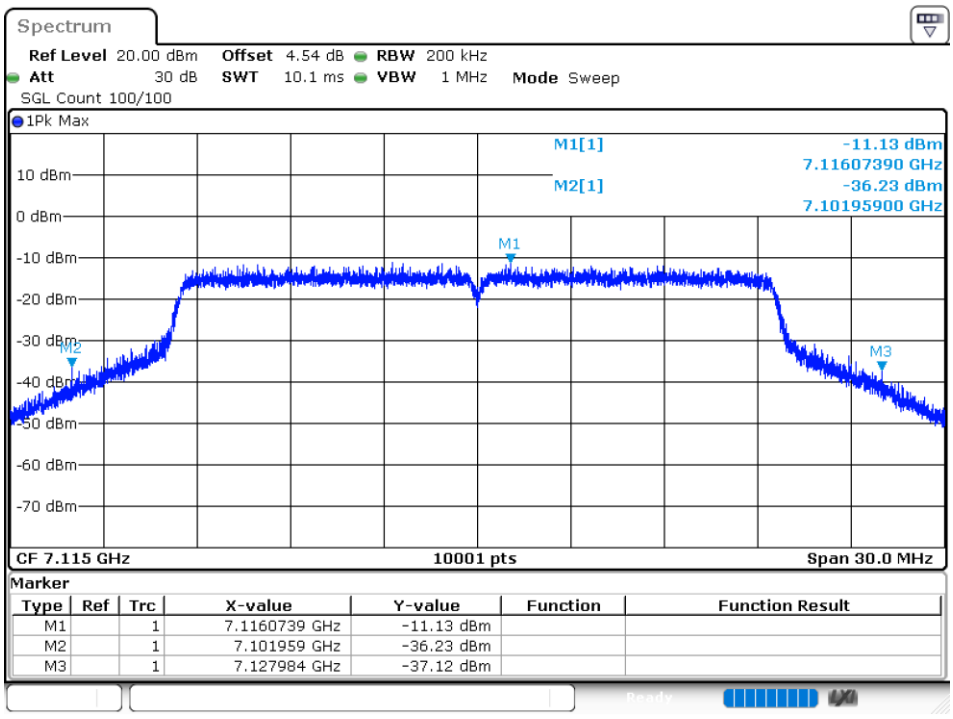
-26dB Bandwidth NVNT ax20 6995MHz Ant1



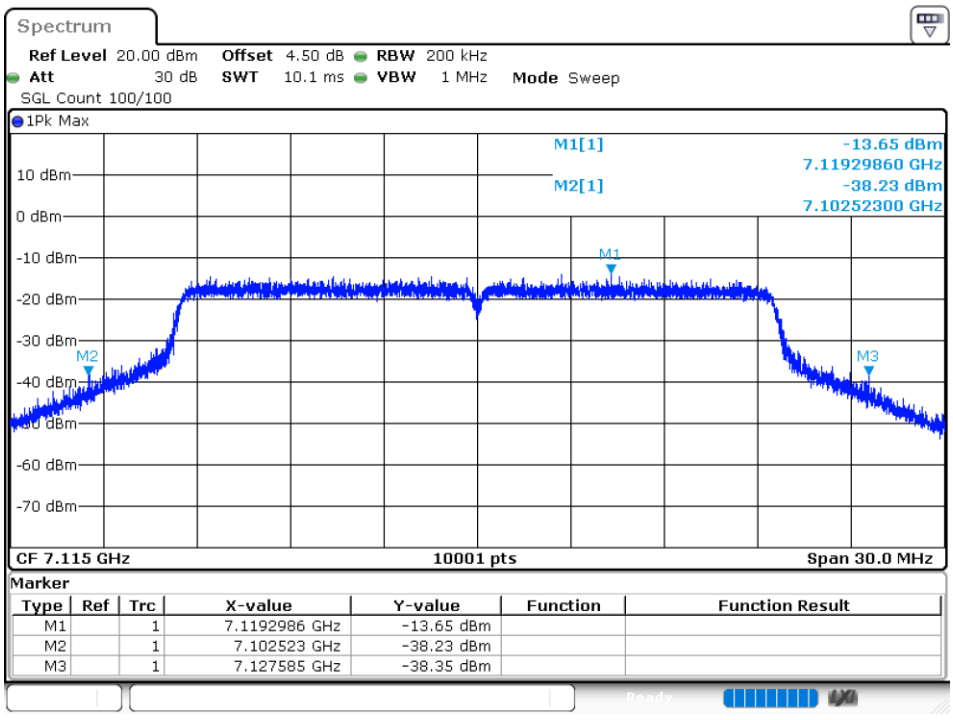
-26dB Bandwidth NVNT ax20 6995MHz Ant2



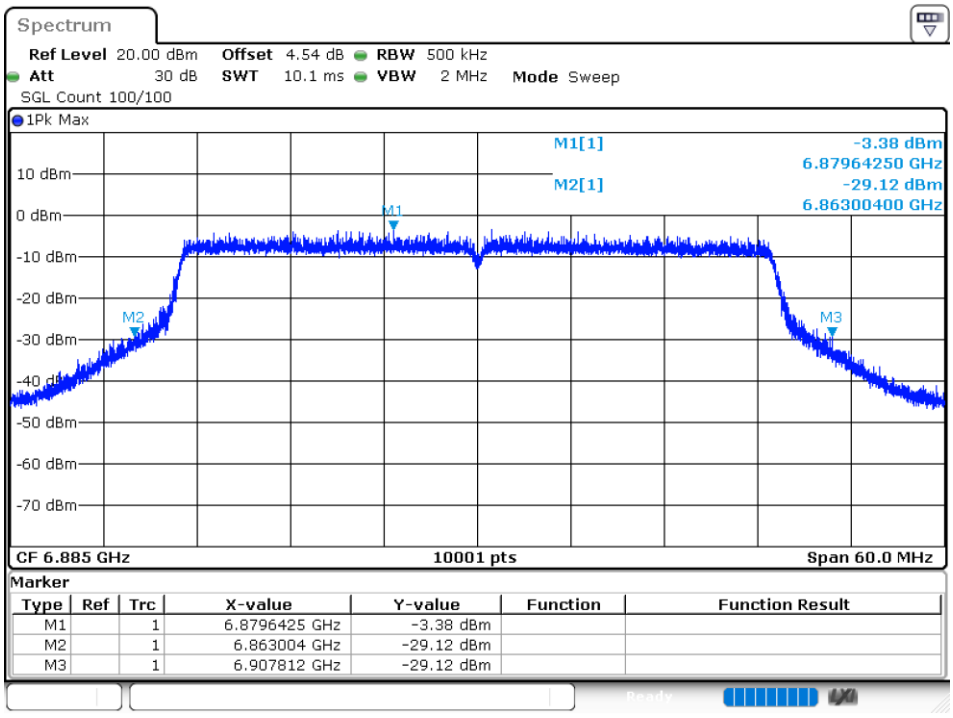
-26dB Bandwidth NVNT ax20 7115MHz Ant1



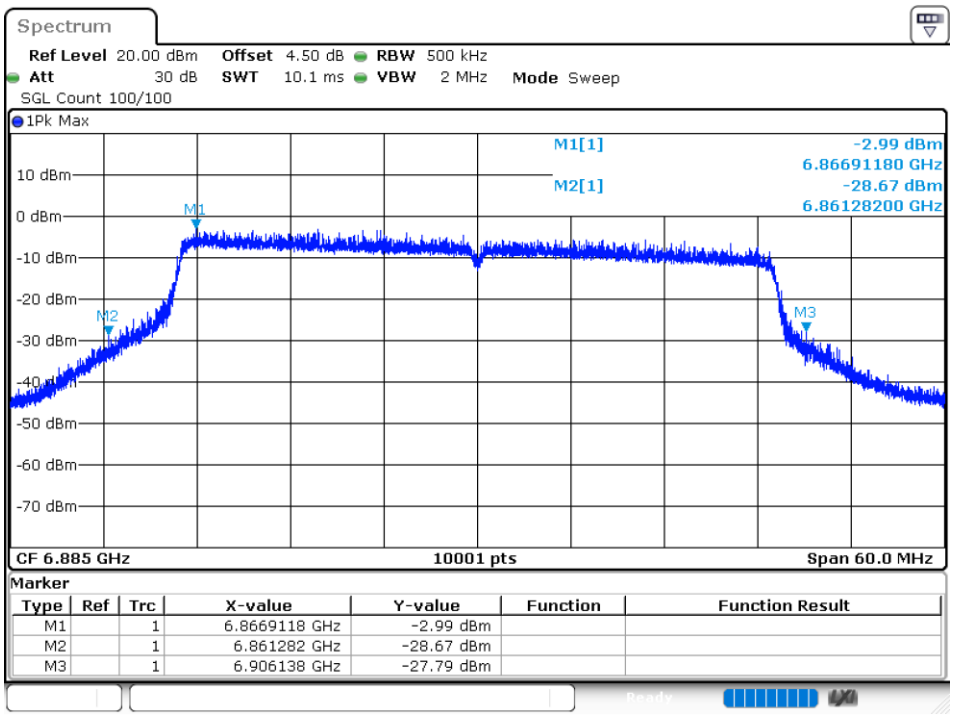
-26dB Bandwidth NVNT ax20 7115MHz Ant2



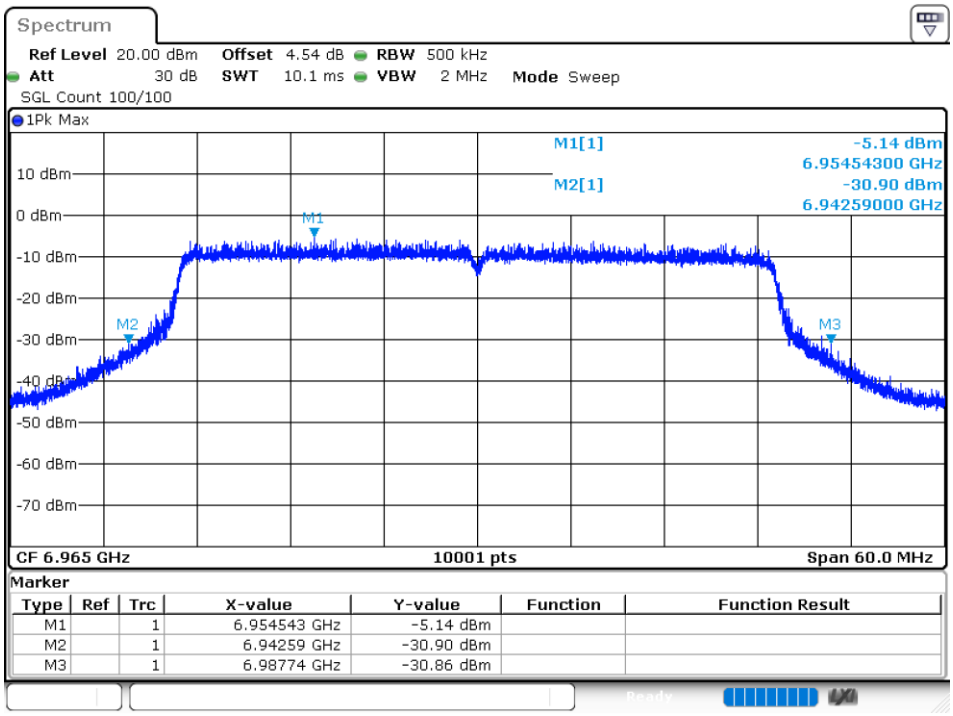
-26dB Bandwidth NVNT ax40 6885MHz Ant1



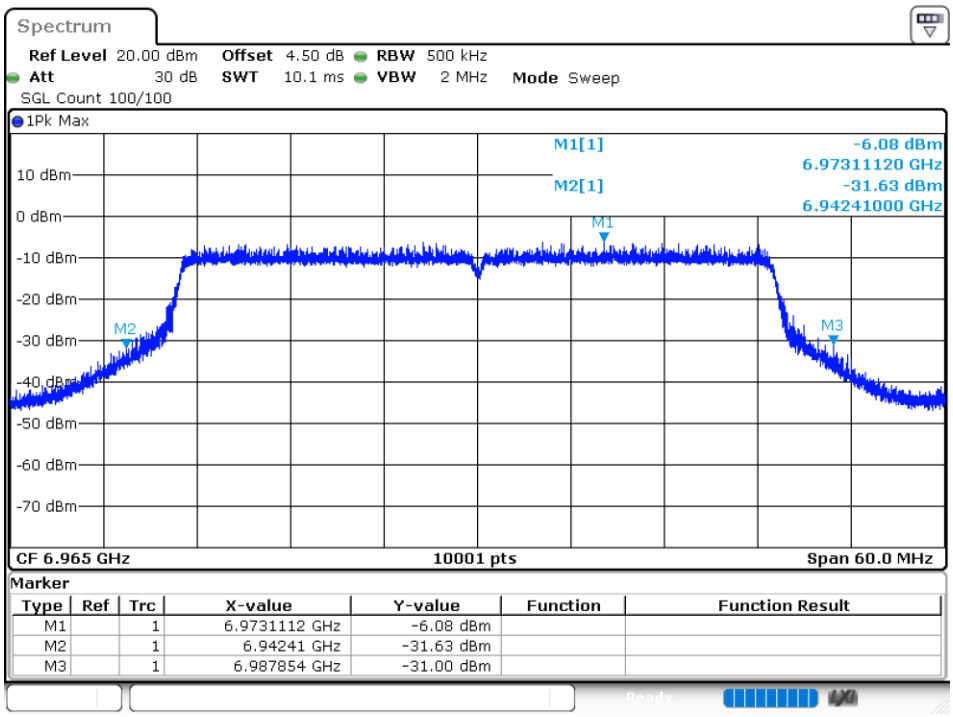
-26dB Bandwidth NVNT ax40 6885MHz Ant2



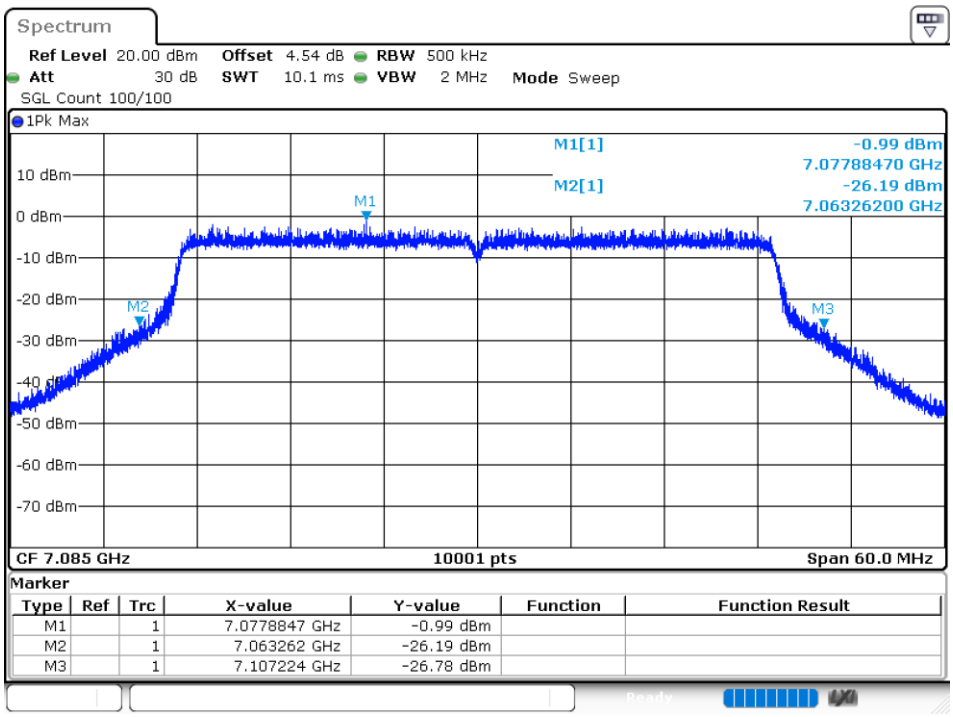
-26dB Bandwidth NVNT ax40 6965MHz Ant1



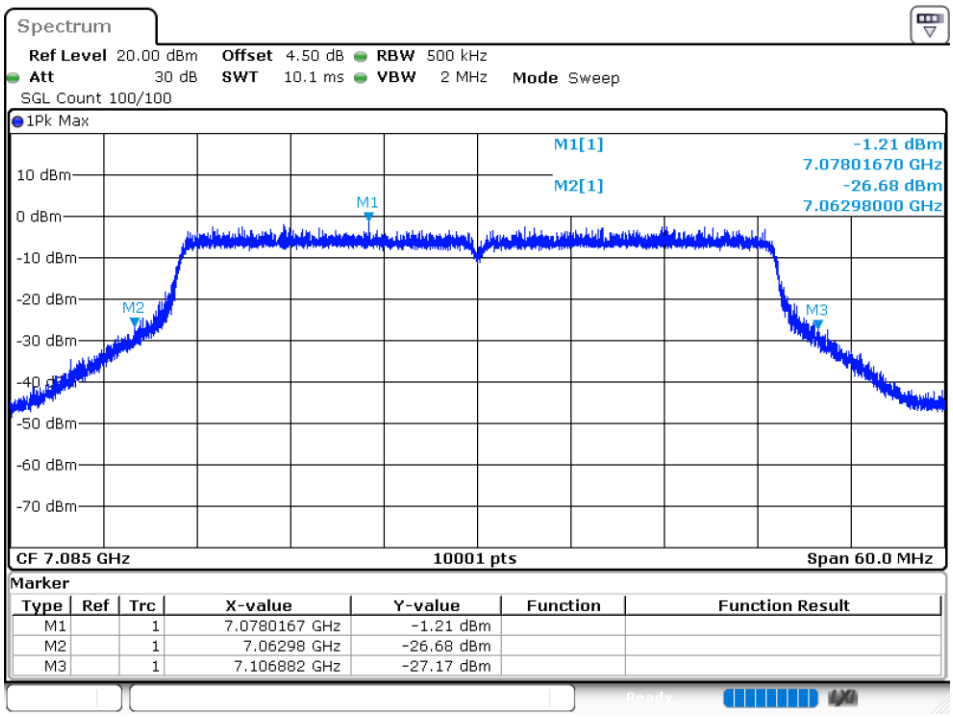
-26dB Bandwidth NVNT ax40 6965MHz Ant2



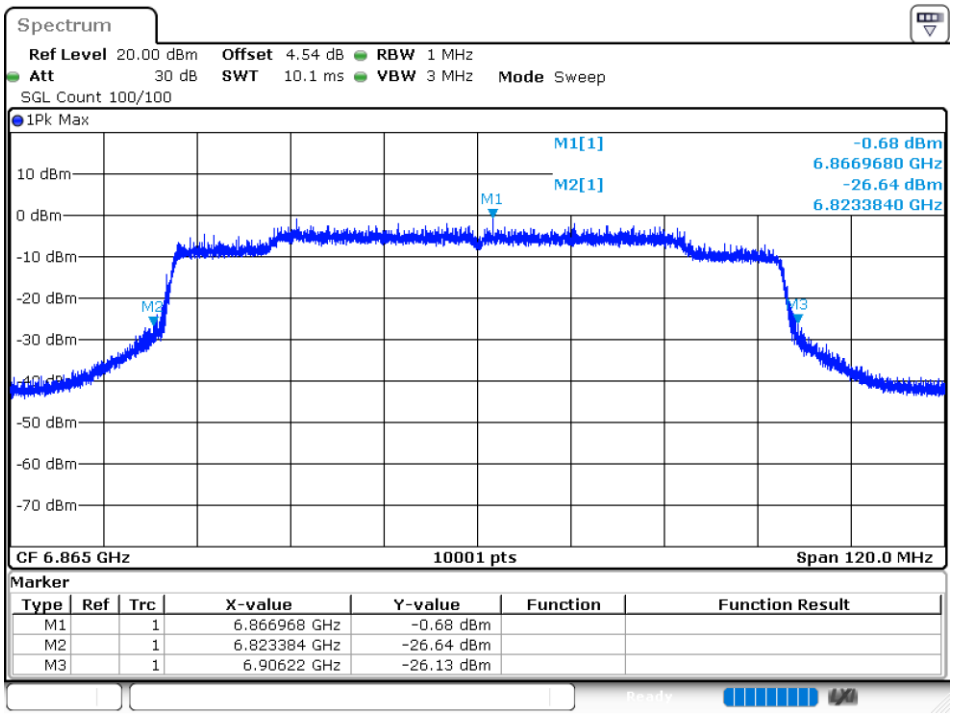
-26dB Bandwidth NVNT ax40 7085MHz Ant1



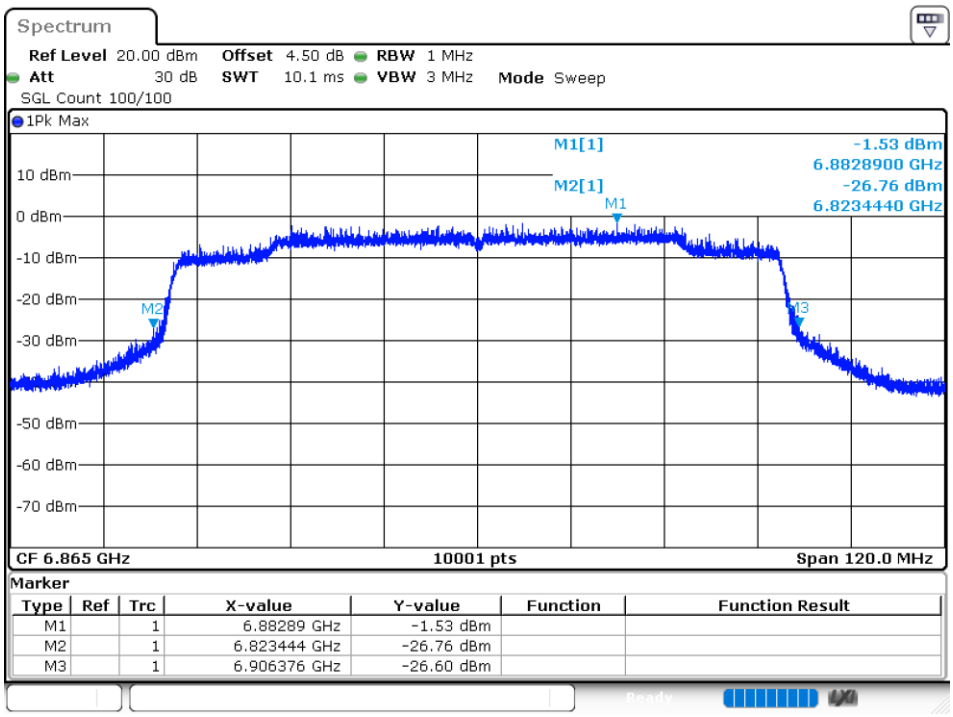
-26dB Bandwidth NVNT ax40 7085MHz Ant2



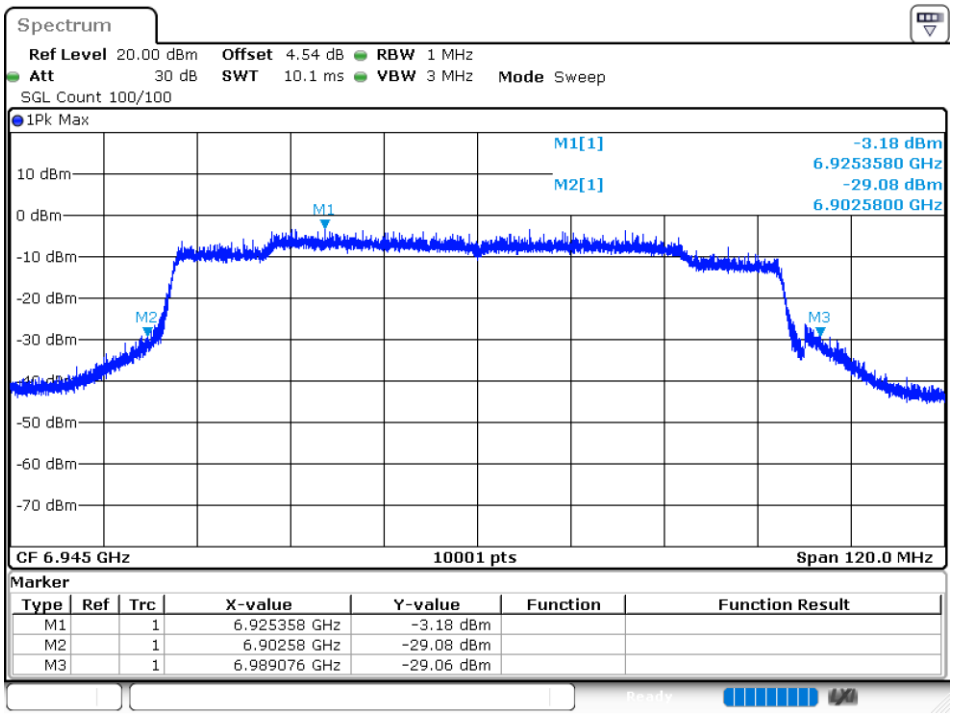
-26dB Bandwidth NVNT ax80 6865MHz Ant1



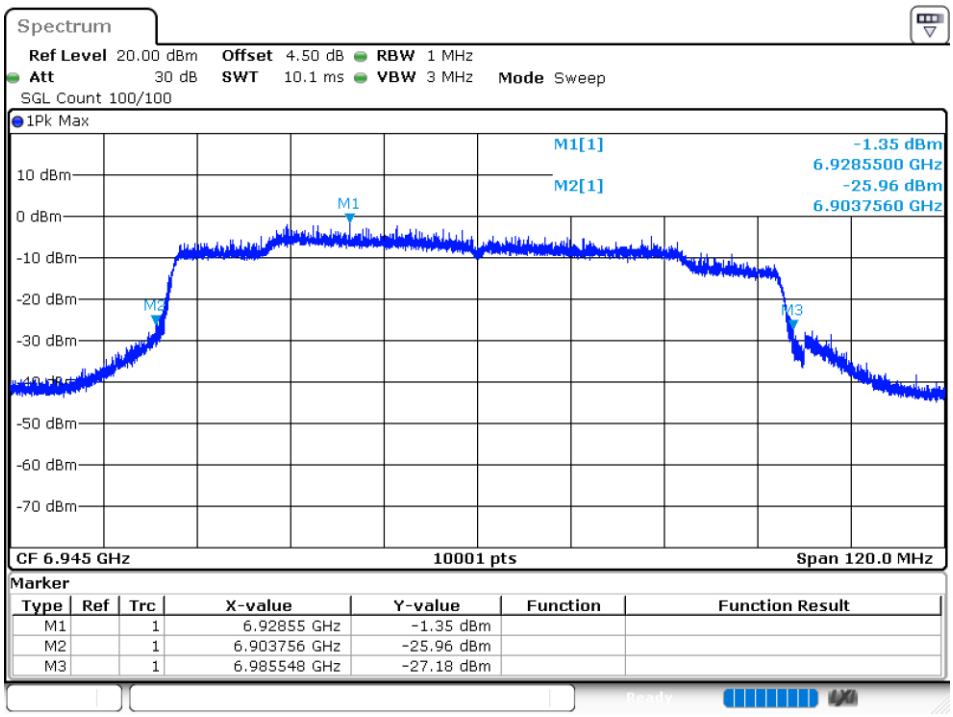
-26dB Bandwidth NVNT ax80 6865MHz Ant2



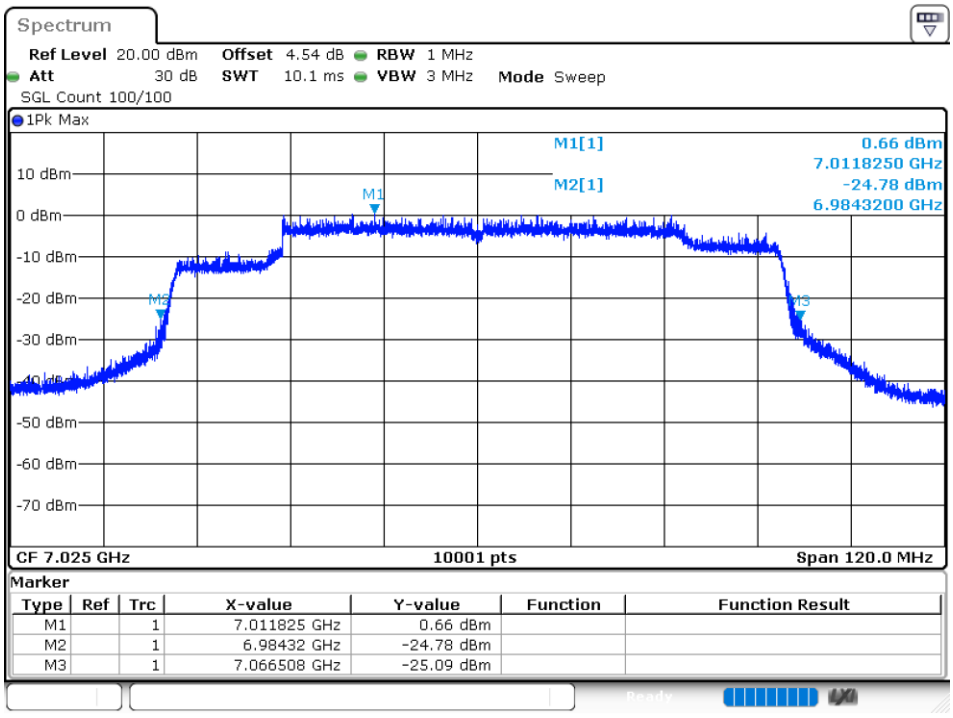
-26dB Bandwidth NVNT ax80 6945MHz Ant1



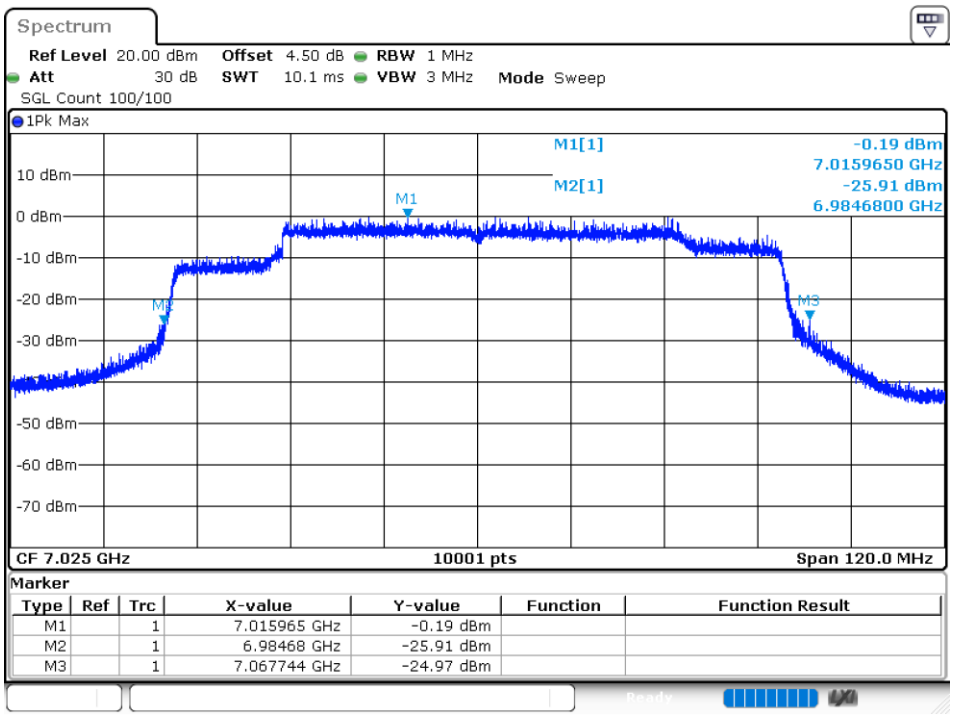
-26dB Bandwidth NVNT ax80 6945MHz Ant2



-26dB Bandwidth NVNT ax80 7025MHz Ant1



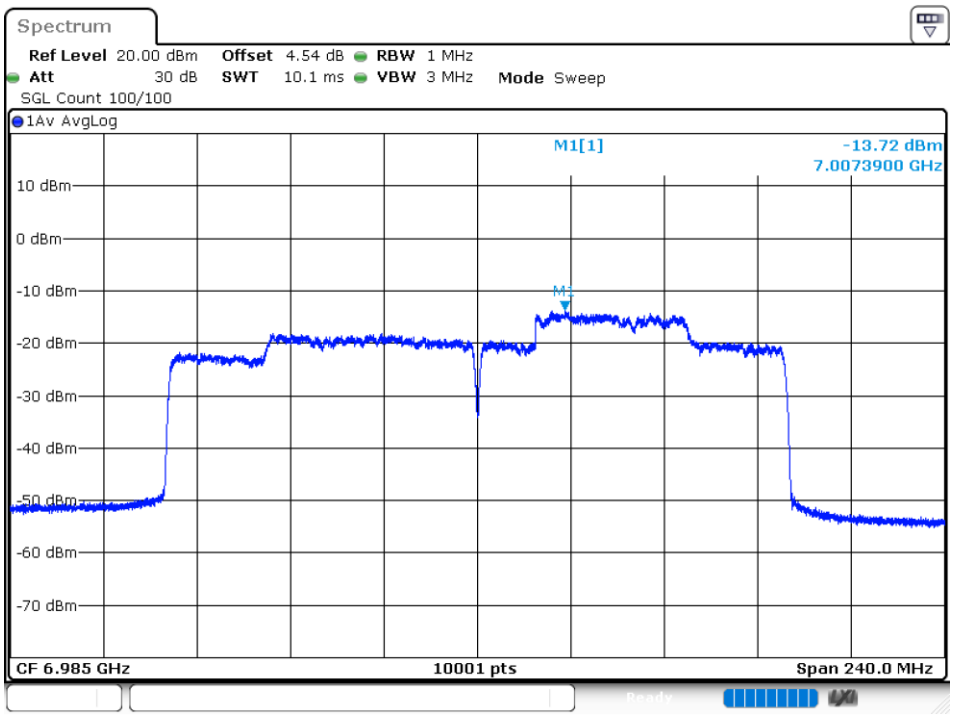
-26dB Bandwidth NVNT ax80 7025MHz Ant2



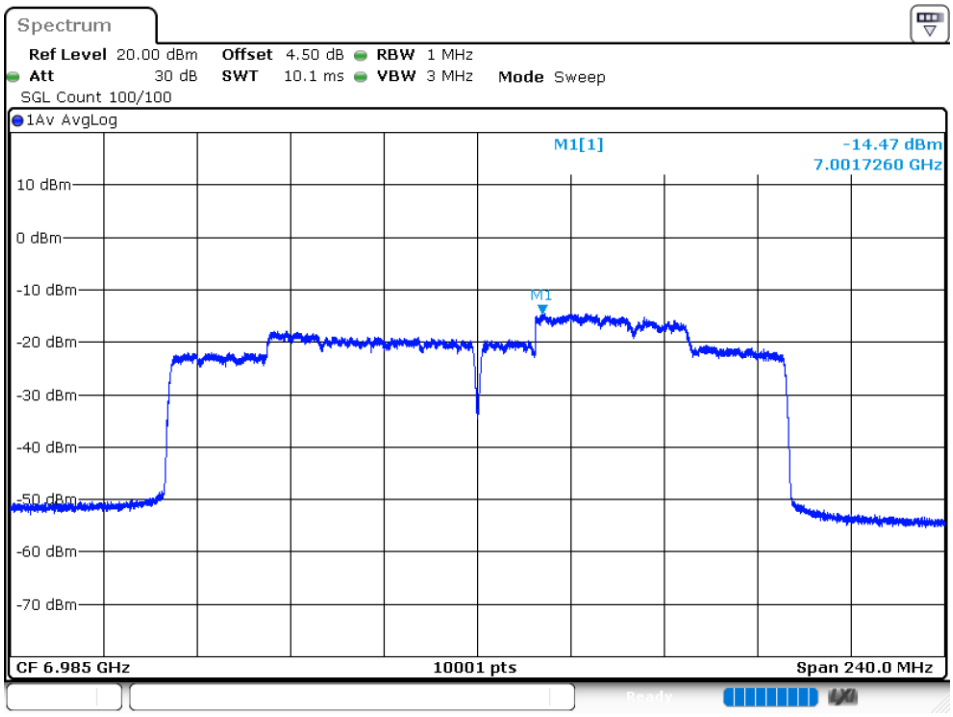
Maximum Power Spectral Density Level

Condition	Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm)	Duty Factor (dB)	Total PSD (dBm)	Gain (dBi)	eirp PSD (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	-13.72	0	-13.72	4.9	-8.82	-1	Pass
NVNT	ax160	6985	Ant2	-14.47	0	-14.47	4.81	-9.66	-1	Pass
NVNT	ax160	6985	Sum					-6.21	-1	Pass
NVNT	ax20	6875	Ant1	-13.41	0	-13.41	4.9	-8.51	-1	Pass
NVNT	ax20	6875	Ant2	-13.33	0	-13.33	4.81	-8.52	-1	Pass
NVNT	ax20	6875	Sum					-5.5	-1	Pass
NVNT	ax20	6995	Ant1	-10.97	0	-10.97	4.9	-6.07	-1	Pass
NVNT	ax20	6995	Ant2	-11.01	0	-11.01	4.81	-6.2	-1	Pass
NVNT	ax20	6995	Sum					-3.12	-1	Pass
NVNT	ax20	7115	Ant1	-15.08	0	-15.08	4.9	-10.18	-1	Pass
NVNT	ax20	7115	Ant2	-18.07	0	-18.07	4.81	-13.26	-1	Pass
NVNT	ax20	7115	Sum					-8.44	-1	Pass
NVNT	ax40	6885	Ant1	-12.86	0	-12.86	4.9	-7.96	-1	Pass
NVNT	ax40	6885	Ant2	-11.33	0	-11.33	4.81	-6.52	-1	Pass
NVNT	ax40	6885	Sum					-4.17	-1	Pass
NVNT	ax40	6965	Ant1	-14.37	0	-14.37	4.9	-9.47	-1	Pass
NVNT	ax40	6965	Ant2	-15.21	0	-15.21	4.81	-10.4	-1	Pass
NVNT	ax40	6965	Sum					-6.9	-1	Pass
NVNT	ax40	7085	Ant1	-11.11	0	-11.11	4.9	-6.21	-1	Pass
NVNT	ax40	7085	Ant2	-10.87	0	-10.87	4.81	-6.06	-1	Pass
NVNT	ax40	7085	Sum					-3.12	-1	Pass
NVNT	ax80	6865	Ant1	-13.96	0	-13.96	4.9	-9.06	-1	Pass
NVNT	ax80	6865	Ant2	-13.79	0	-13.79	4.81	-8.98	-1	Pass
NVNT	ax80	6865	Sum					-6.01	-1	Pass
NVNT	ax80	6945	Ant1	-15.2	0	-15.2	4.9	-10.3	-1	Pass
NVNT	ax80	6945	Ant2	-14.55	0	-14.55	4.81	-9.74	-1	Pass
NVNT	ax80	6945	Sum					-7	-1	Pass
NVNT	ax80	7025	Ant1	-11.85	0	-11.85	4.9	-6.95	-1	Pass
NVNT	ax80	7025	Ant2	-12.07	0	-12.07	4.81	-7.26	-1	Pass
NVNT	ax80	7025	Sum					-4.09	-1	Pass

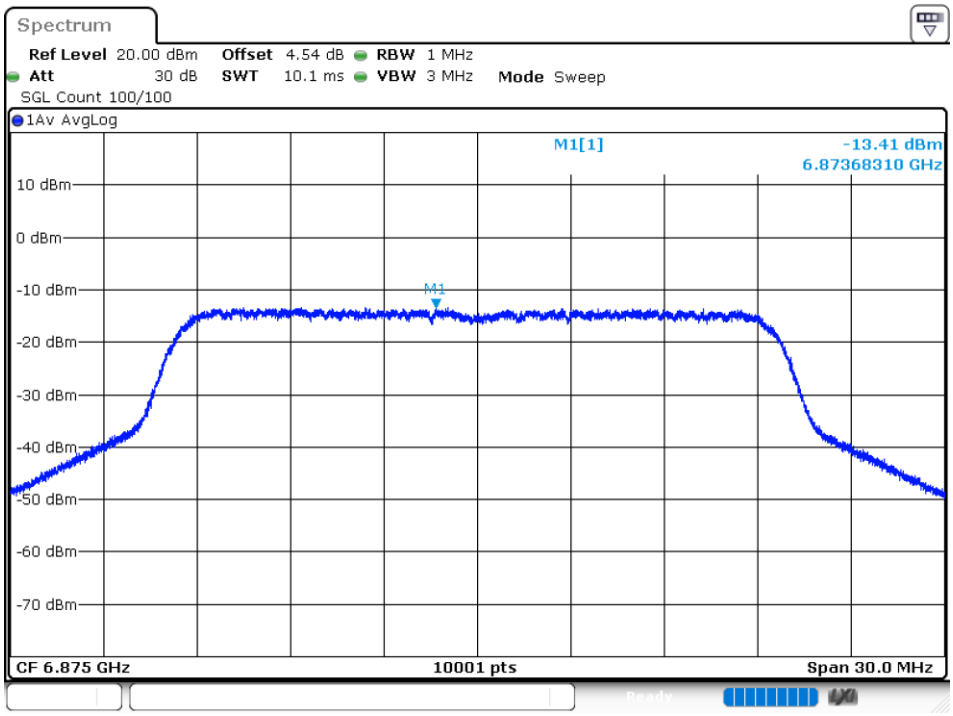
Test Graphs
PSD NVNT ax160 6985MHz Ant1



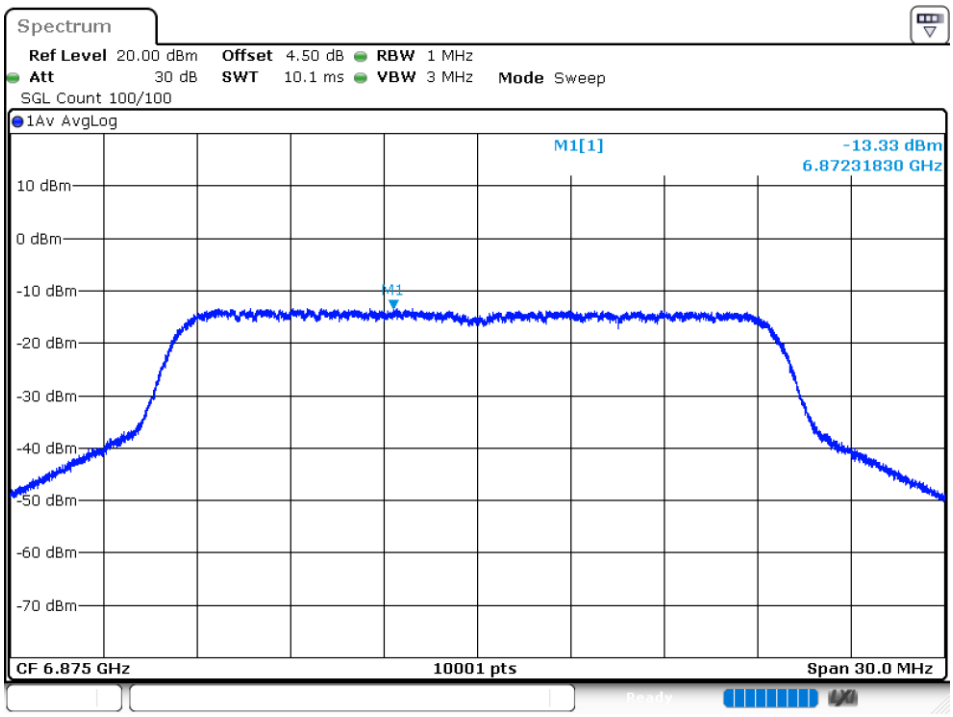
PSD NVNT ax160 6985MHz Ant2



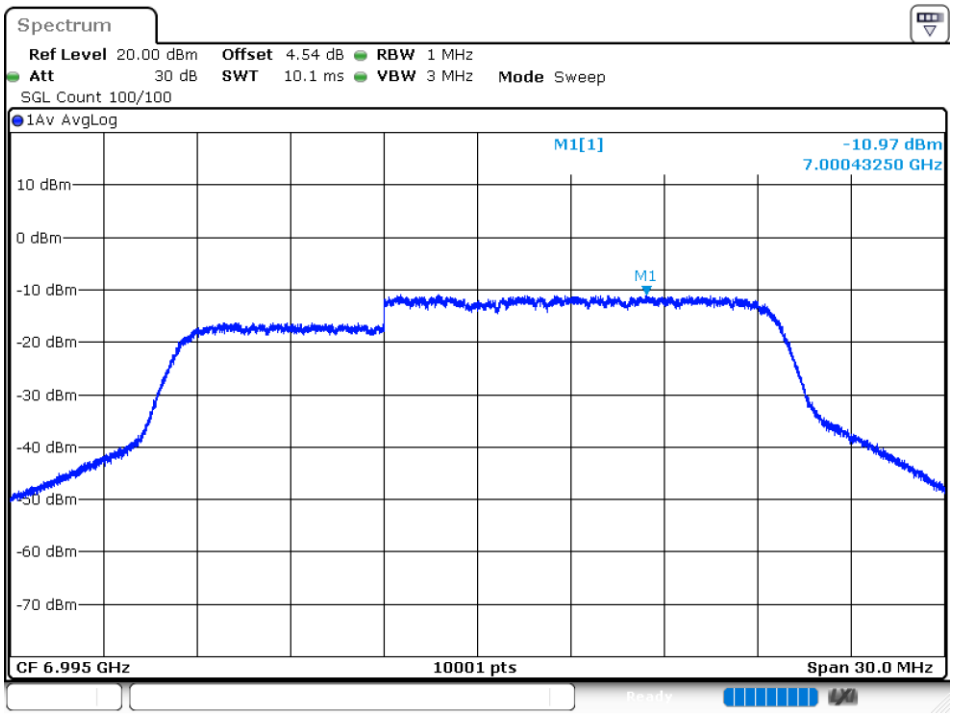
PSD NVNT ax20 6875MHz Ant1



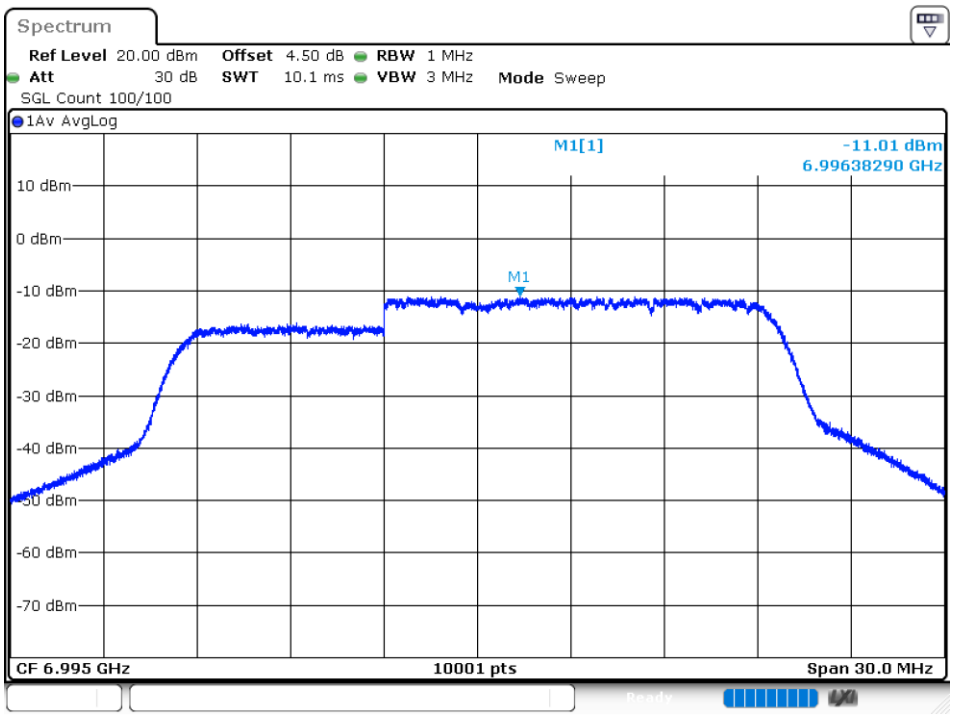
PSD NVNT ax20 6875MHz Ant2



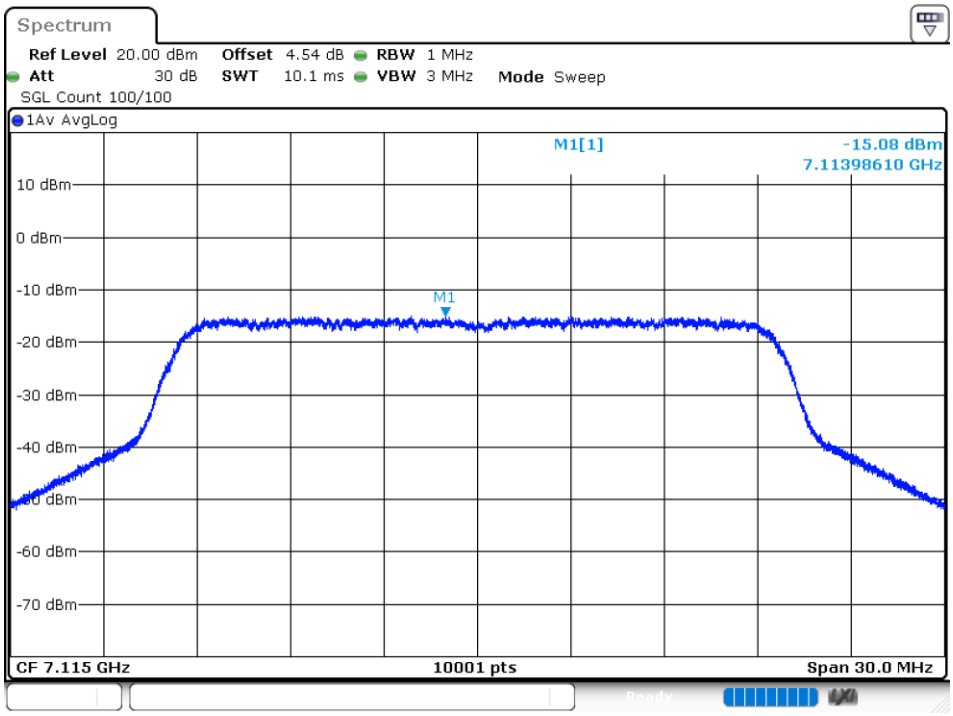
PSD NVNT ax20 6995MHz Ant1



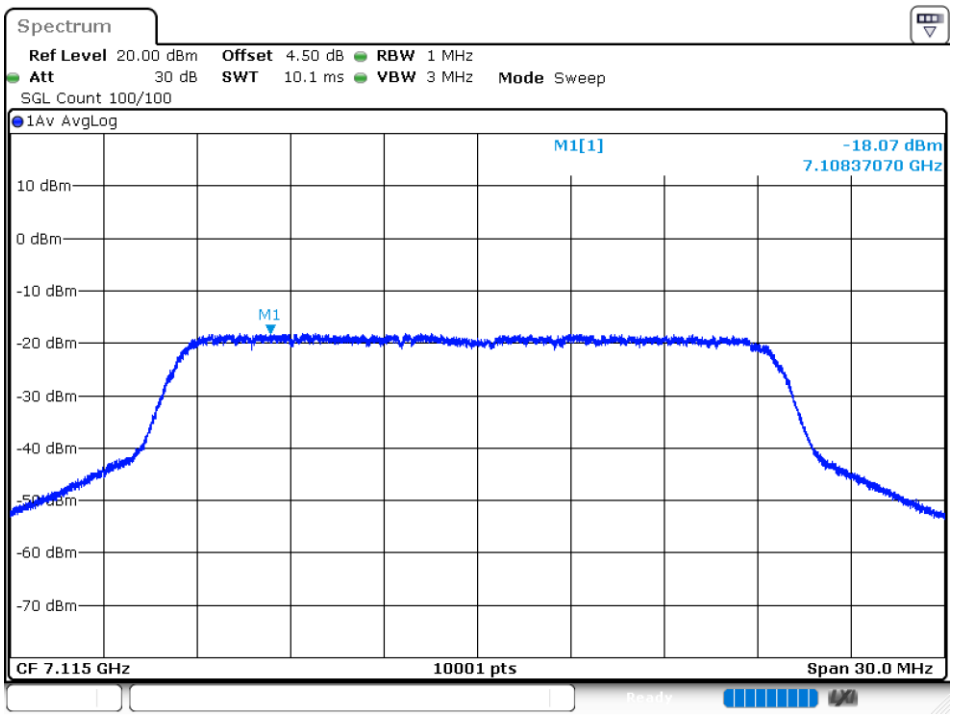
PSD NVNT ax20 6995MHz Ant2



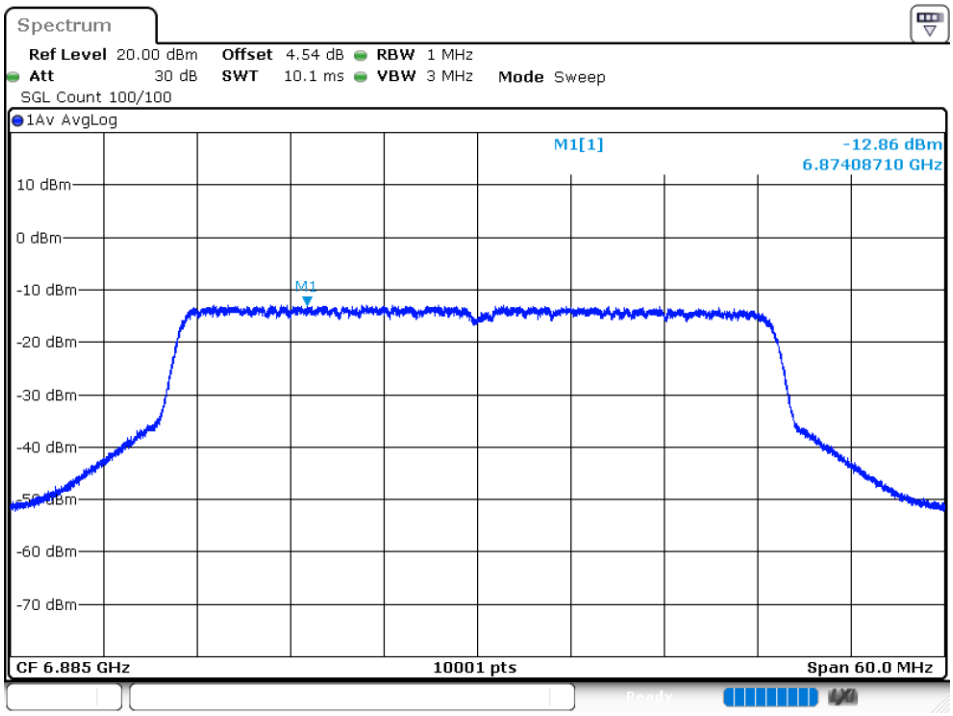
PSD NVNT ax20 7115MHz Ant1



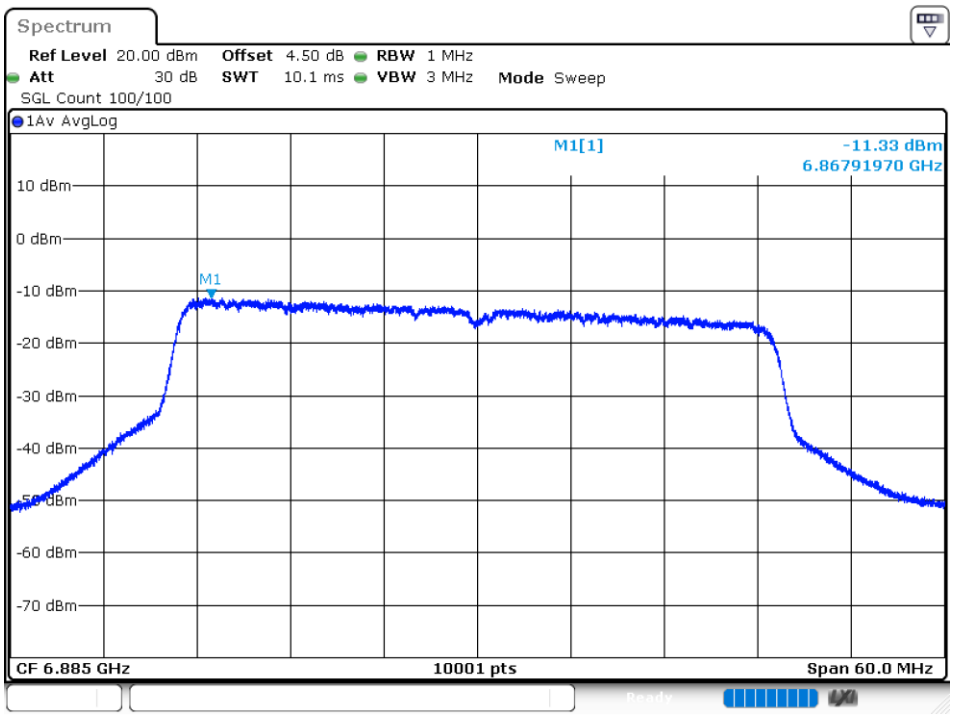
PSD NVNT ax20 7115MHz Ant2



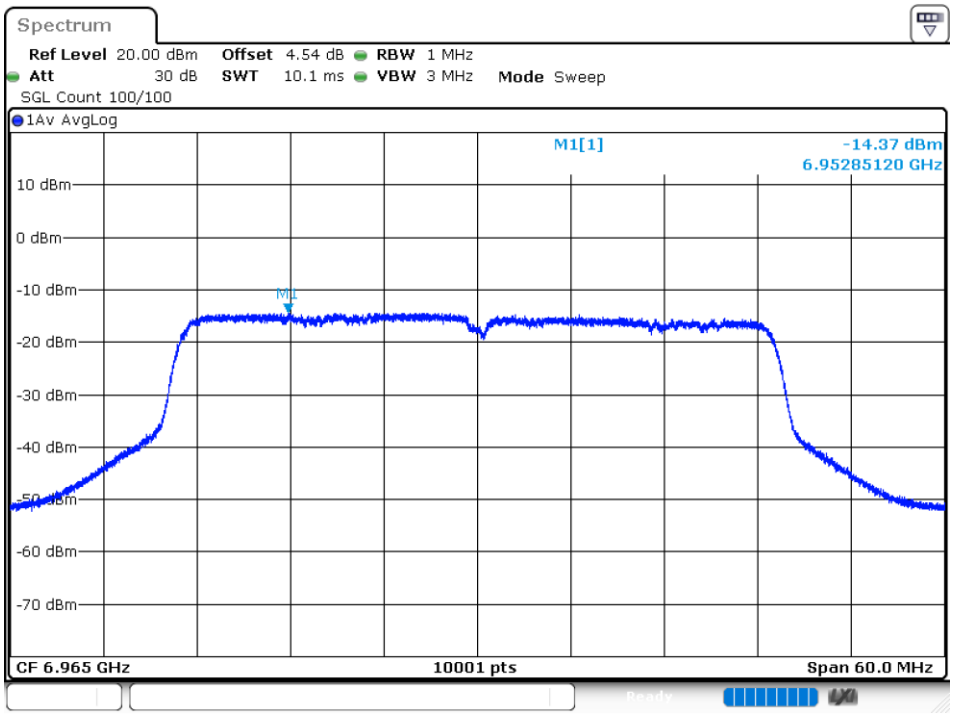
PSD NVNT ax40 6885MHz Ant1



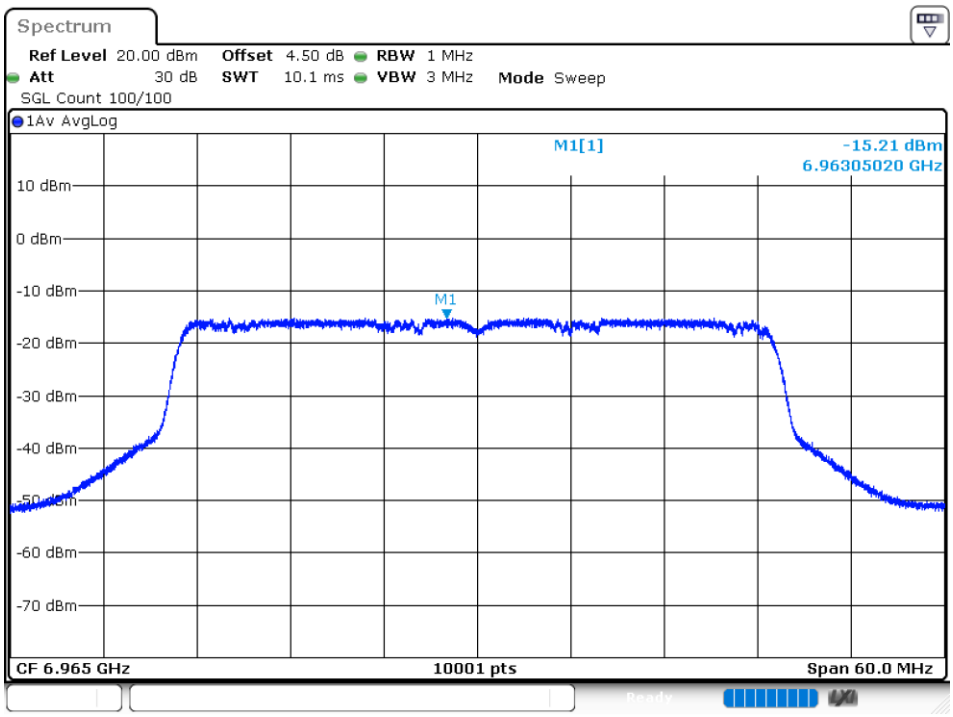
PSD NVNT ax40 6885MHz Ant2



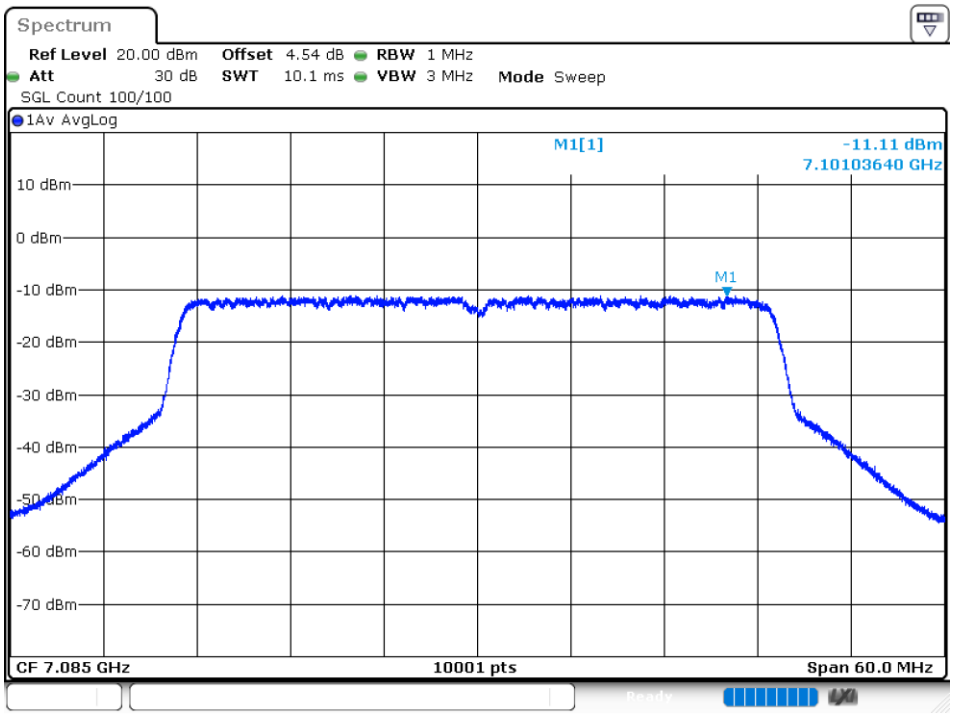
PSD NVNT ax40 6965MHz Ant1



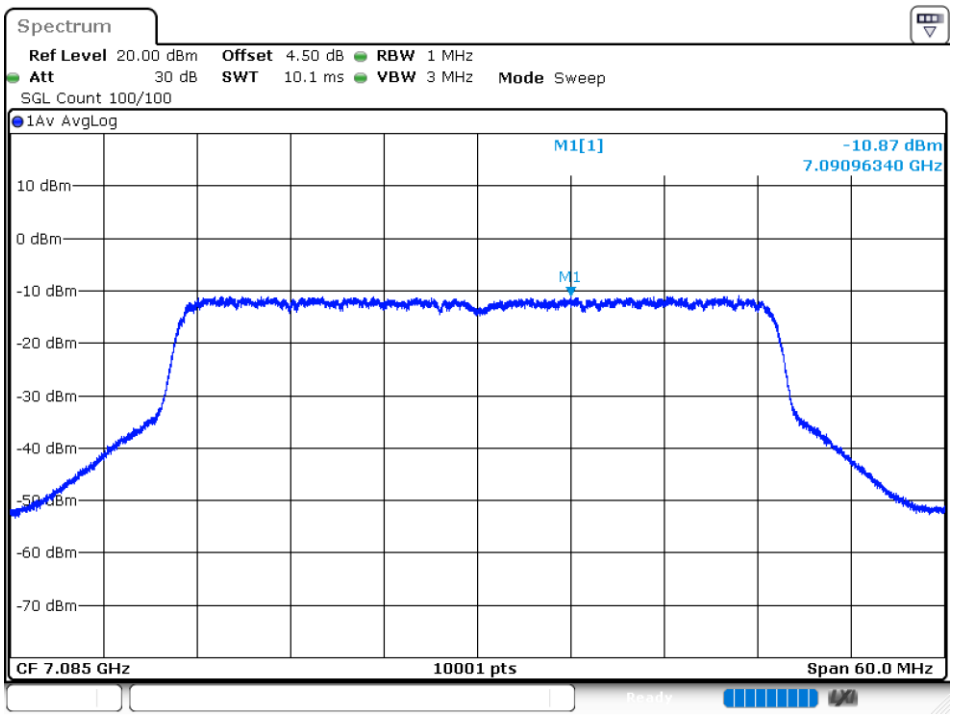
PSD NVNT ax40 6965MHz Ant2



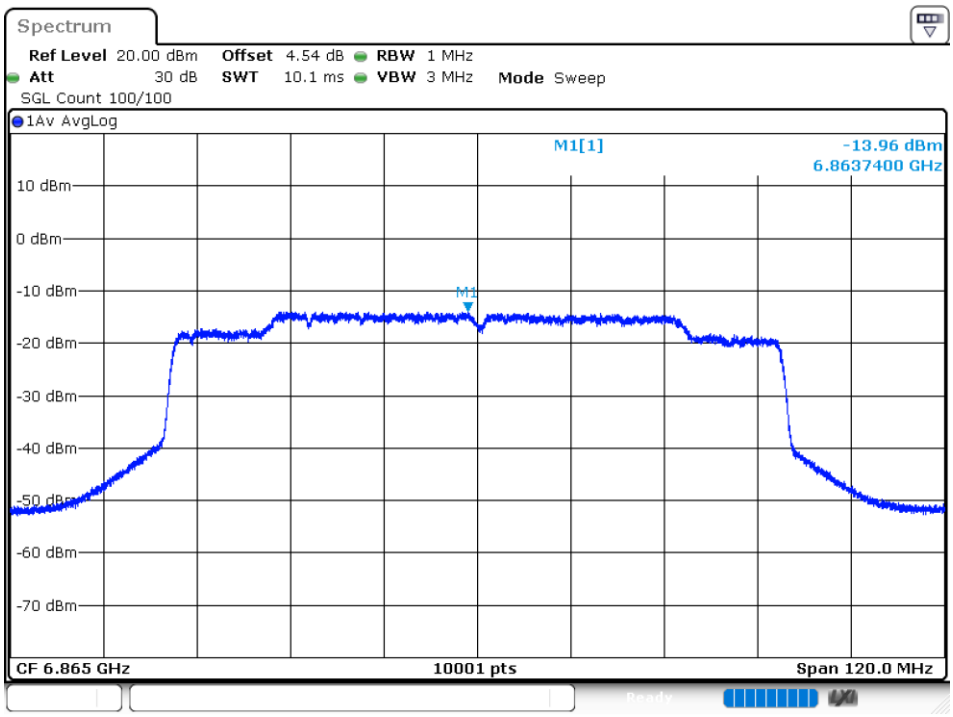
PSD NVNT ax40 7085MHz Ant1



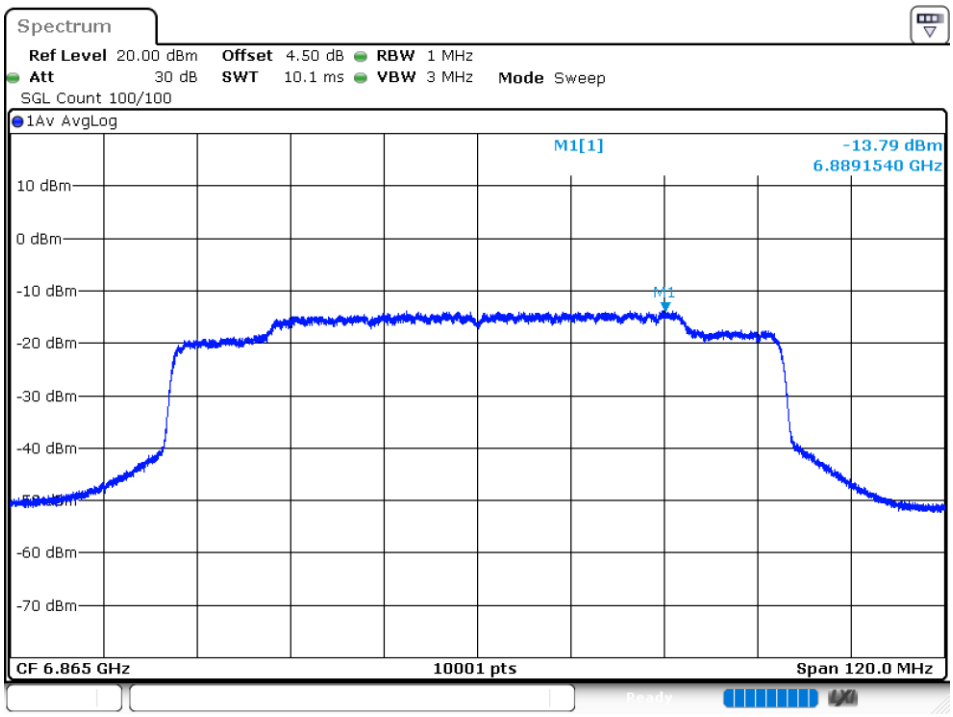
PSD NVNT ax40 7085MHz Ant2



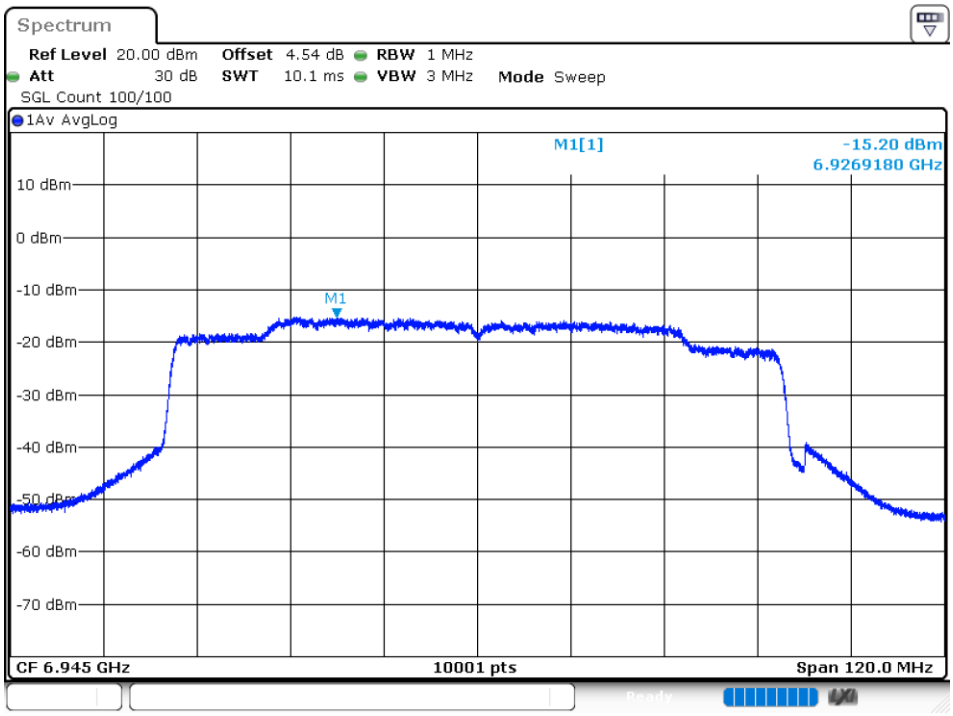
PSD NVNT ax80 6865MHz Ant1



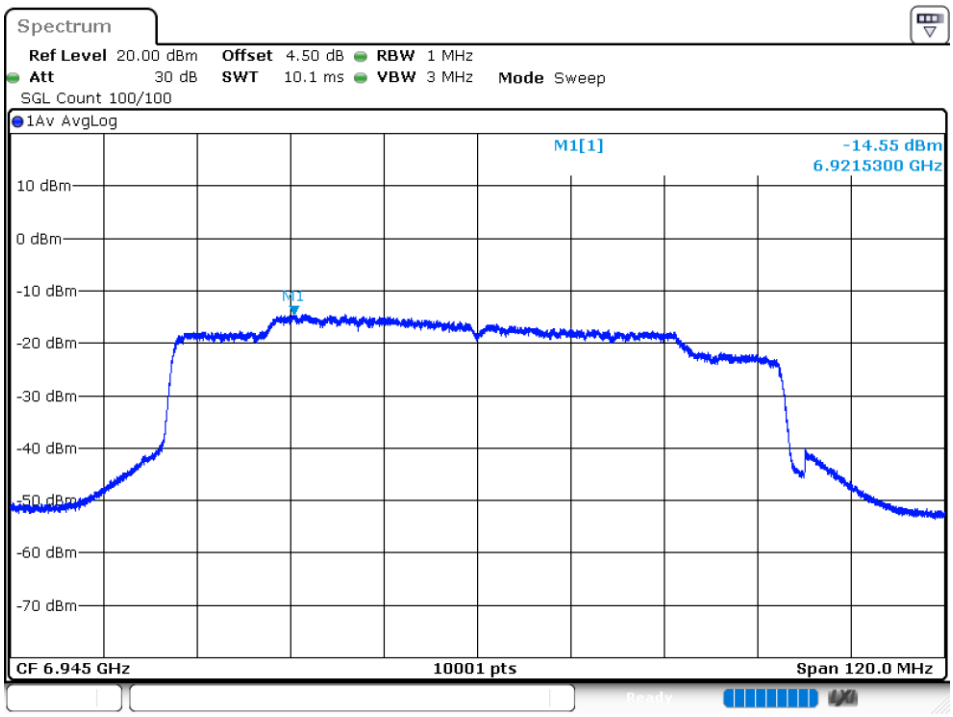
PSD NVNT ax80 6865MHz Ant2



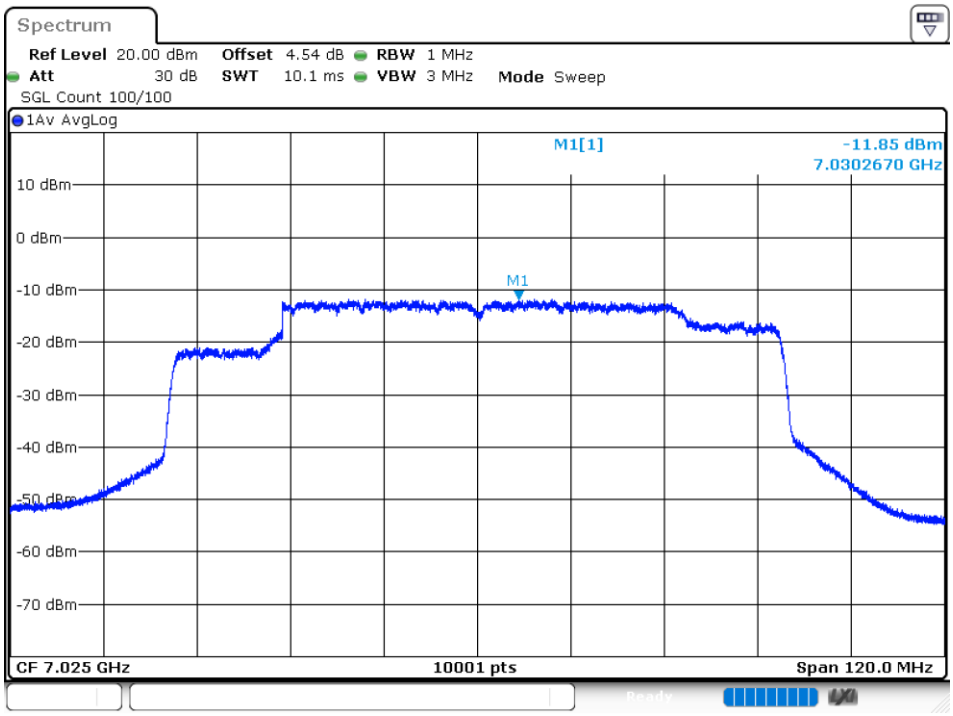
PSD NVNT ax80 6945MHz Ant1



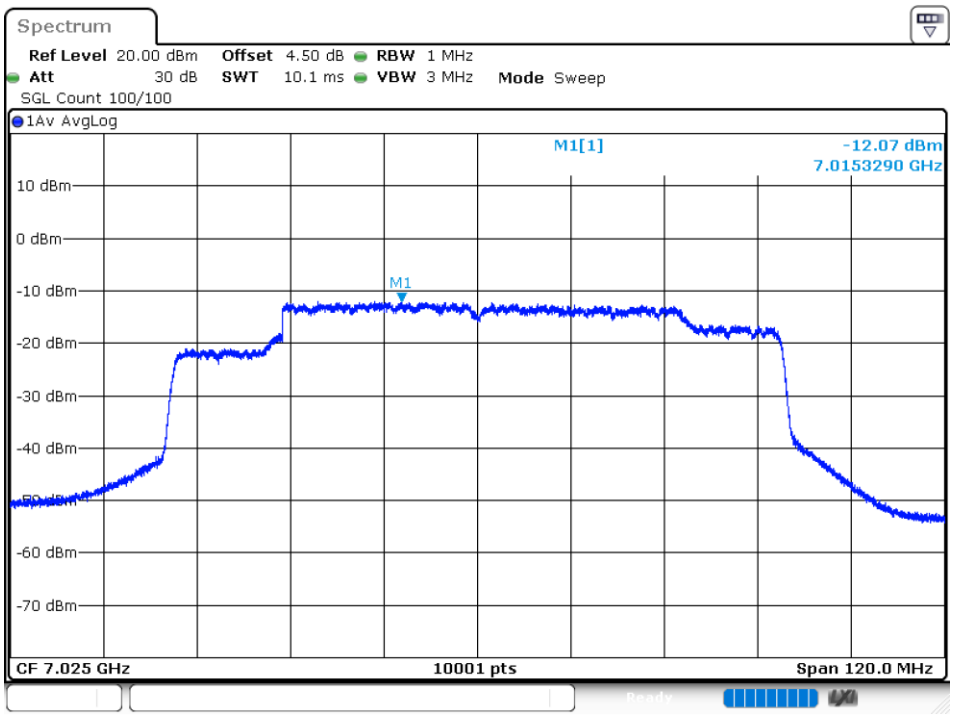
PSD NVNT ax80 6945MHz Ant2



PSD NVNT ax80 7025MHz Ant1



PSD NVNT ax80 7025MHz Ant2

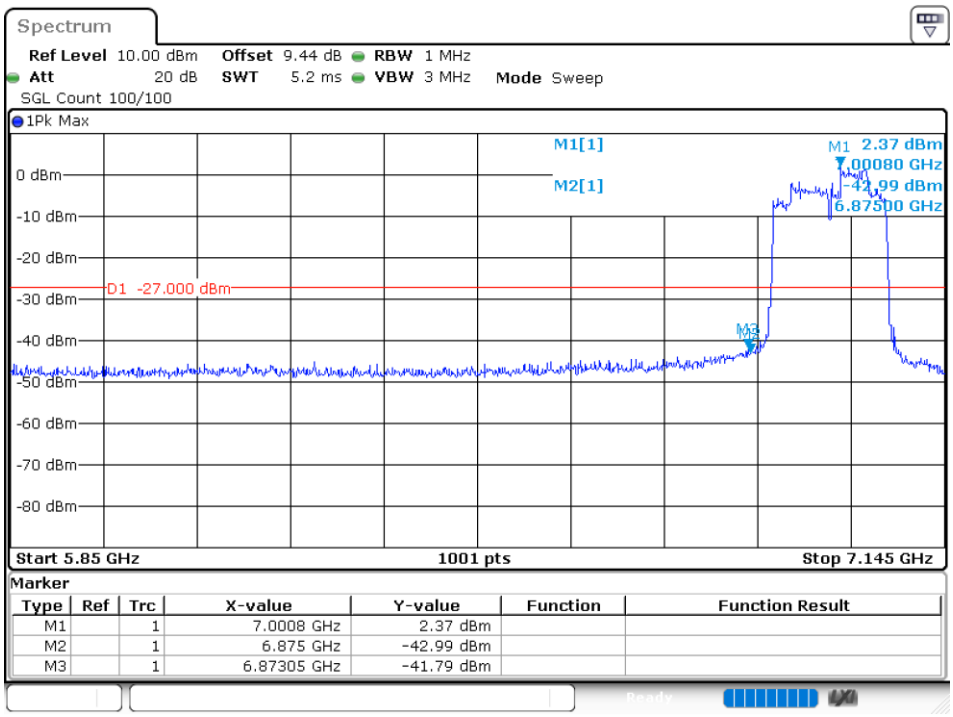


Band Edge

Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	-41.78	-27	Pass
NVNT	ax160	6985	Ant2	-42.11	-27	Pass
NVNT	ax20	6875	Ant1	-45.86	-27	Pass
NVNT	ax20	6875	Ant2	-46.12	-27	Pass
NVNT	ax20	7115	Ant1	-46.72	-27	Pass
NVNT	ax20	7115	Ant2	-46.87	-27	Pass
NVNT	ax40	6885	Ant1	-45.69	-27	Pass
NVNT	ax40	6885	Ant2	-46.97	-27	Pass
NVNT	ax40	7085	Ant1	-47.77	-27	Pass
NVNT	ax40	7085	Ant2	-48.13	-27	Pass
NVNT	ax80	6865	Ant1	-45.81	-27	Pass
NVNT	ax80	6865	Ant2	-44.9	-27	Pass
NVNT	ax80	7025	Ant1	-47.29	-27	Pass
NVNT	ax80	7025	Ant2	-47.14	-27	Pass

Test Graphs

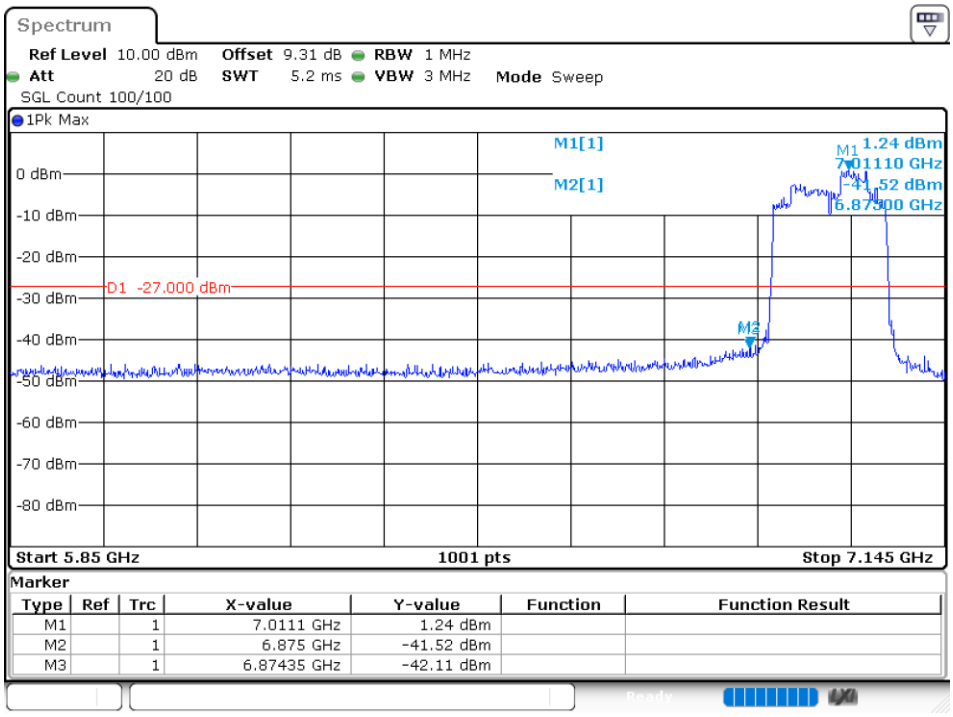
Band Edge NVNT ax160 6985MHz Low Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	7.0008 GHz	2.37 dBm		
M2		1	6.875 GHz	-42.99 dBm		
M3		1	6.87305 GHz	-41.79 dBm		

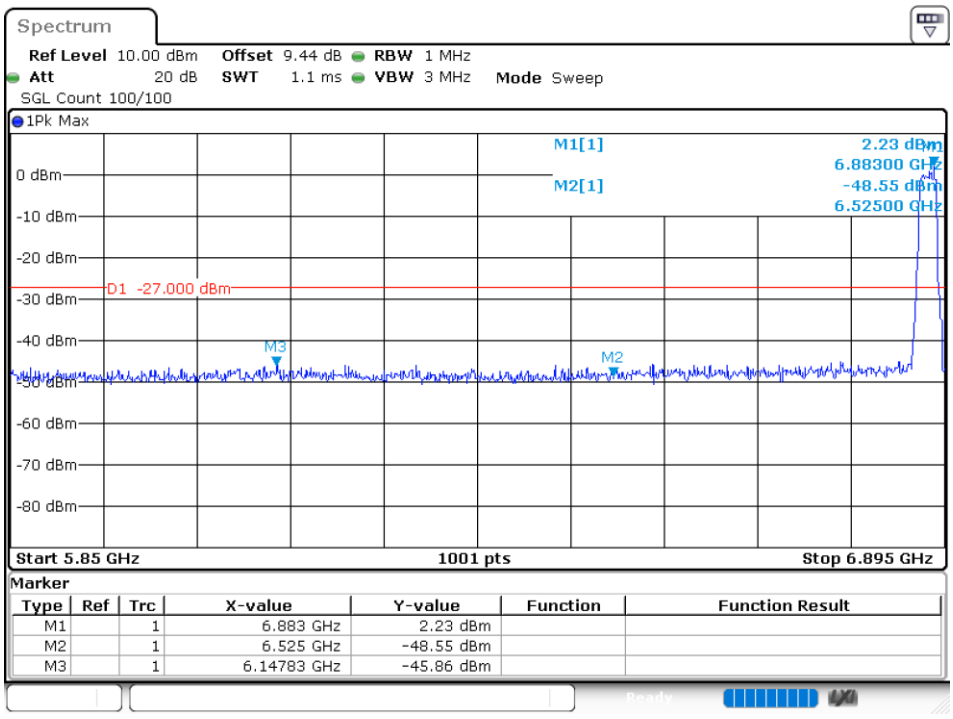
Band Edge NVNT ax160 6985MHz Low Ant2



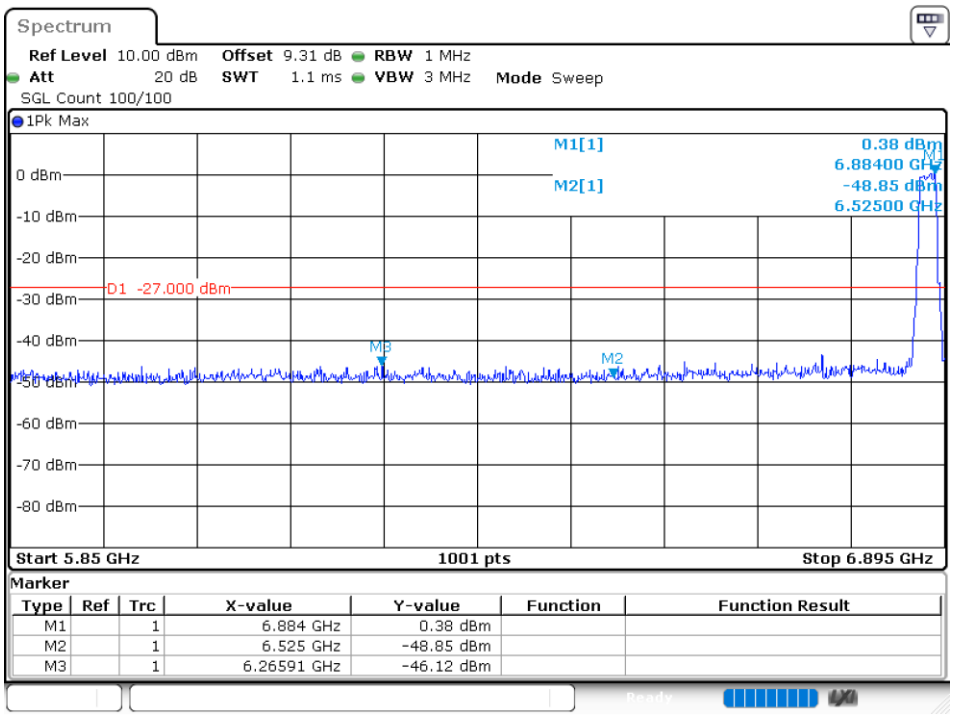
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	7.0111 GHz	1.24 dBm		
M2		1	6.875 GHz	-41.52 dBm		
M3		1	6.87435 GHz	-42.11 dBm		

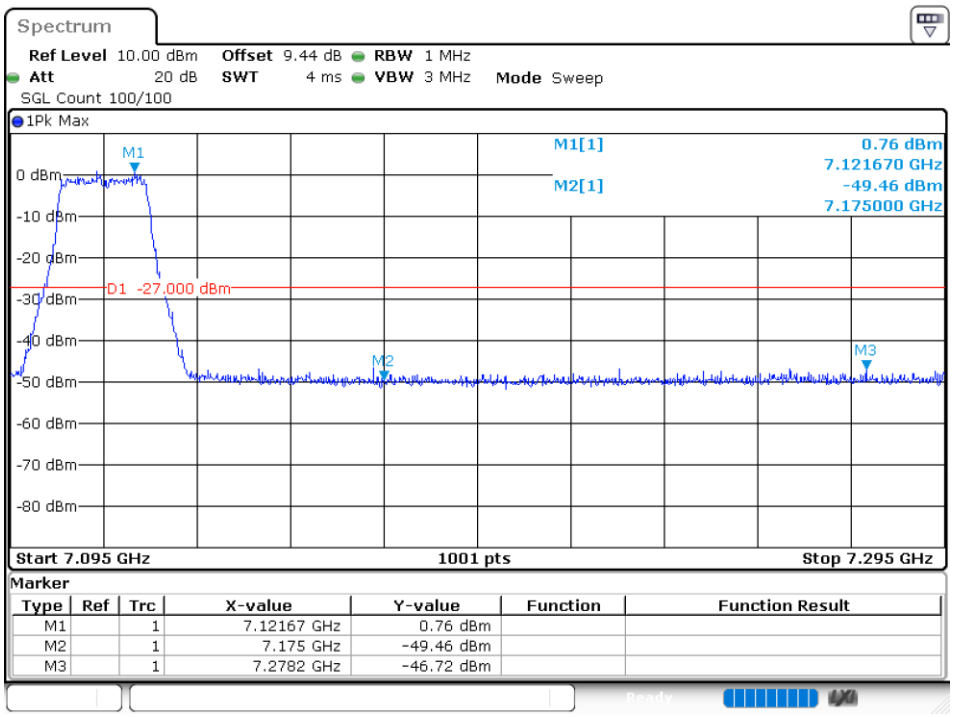
Band Edge NVNT ax20 6875MHz Low Ant1



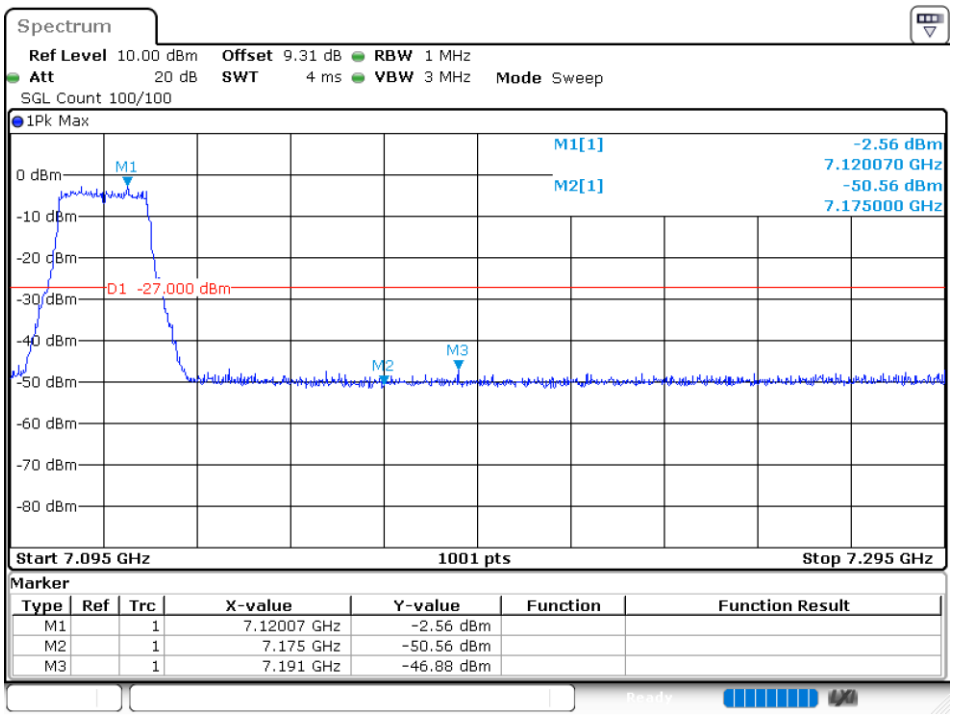
Band Edge NVNT ax20 6875MHz Low Ant2



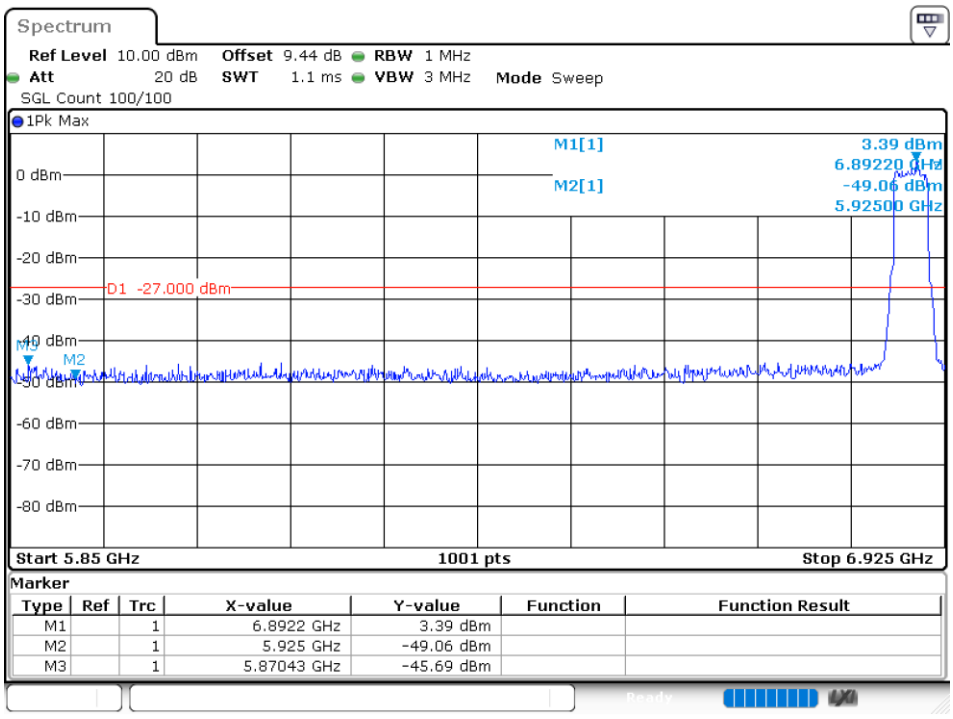
Band Edge NVNT ax20 7115MHz High Ant1



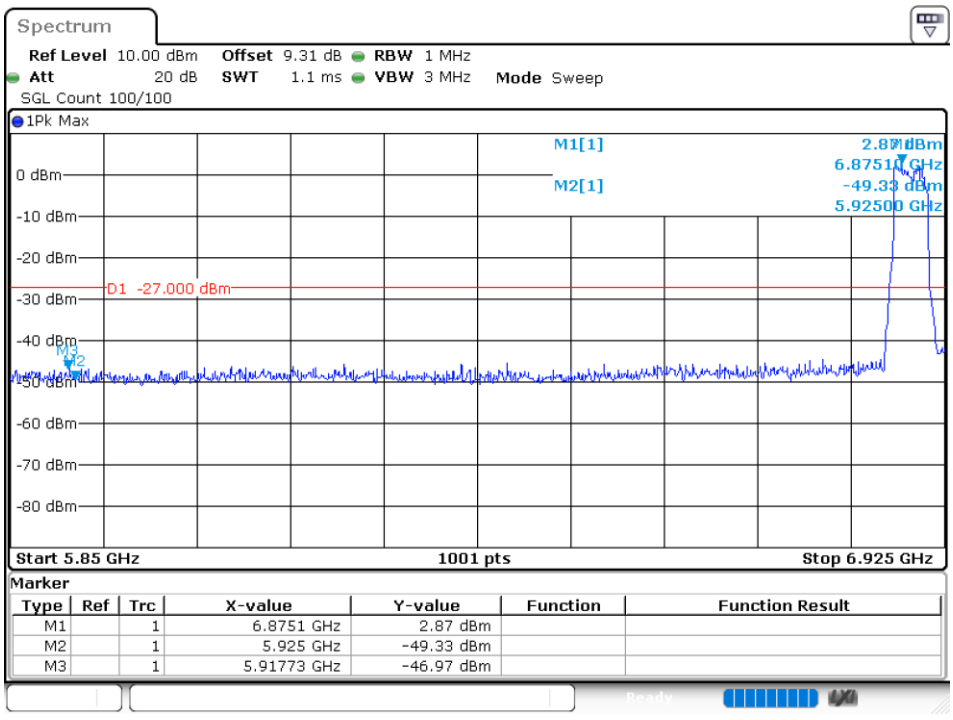
Band Edge NVNT ax20 7115MHz High Ant2



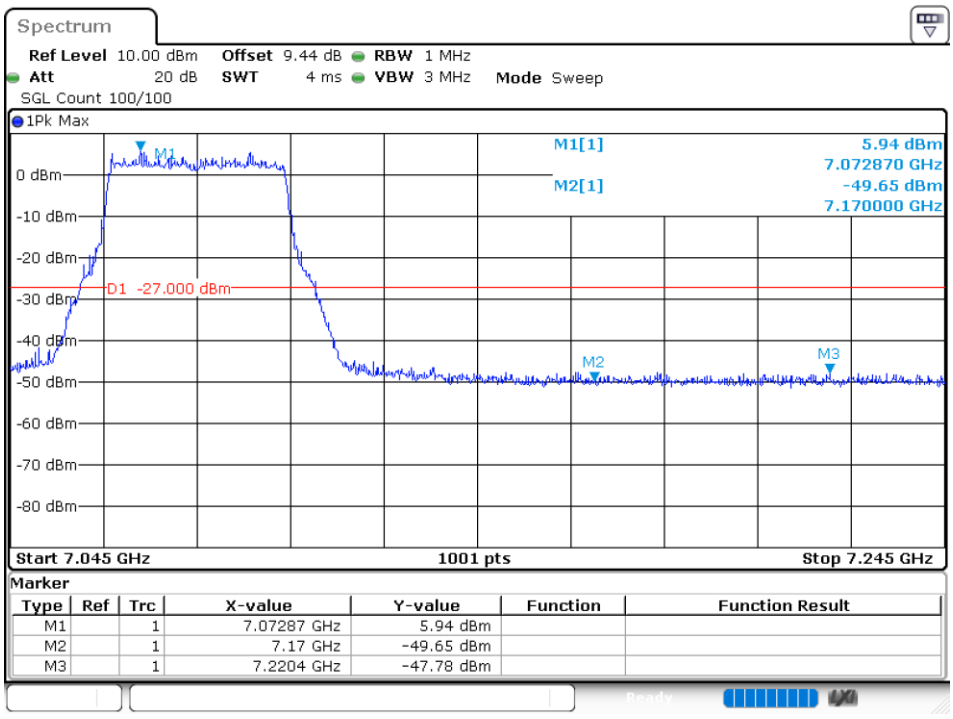
Band Edge NVNT ax40 6885MHz Low Ant1



Band Edge NVNT ax40 6885MHz Low Ant2



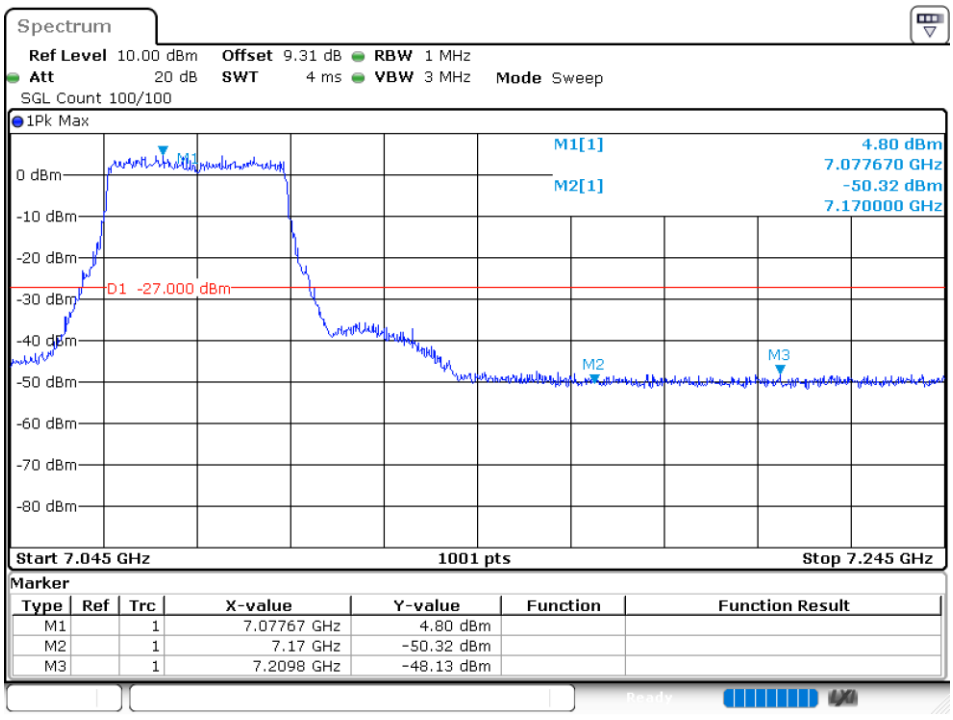
Band Edge NVNT ax40 7085MHz High Ant1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	7.07287 GHz	5.94 dBm		
M2		1	7.17 GHz	-49.65 dBm		
M3		1	7.2204 GHz	-47.78 dBm		

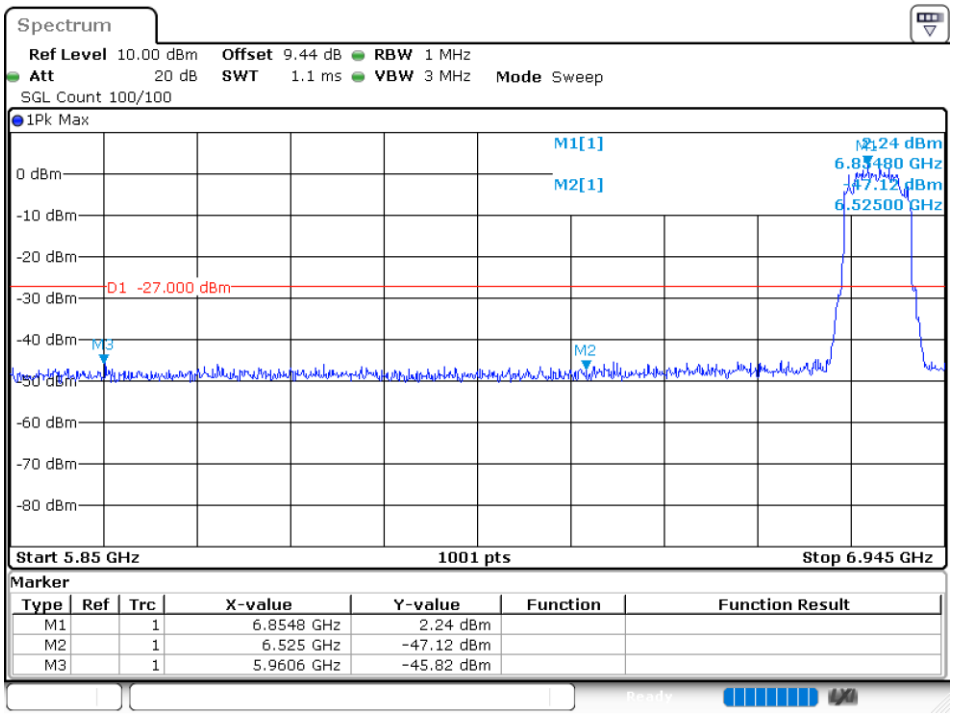
Band Edge NVNT ax40 7085MHz High Ant2



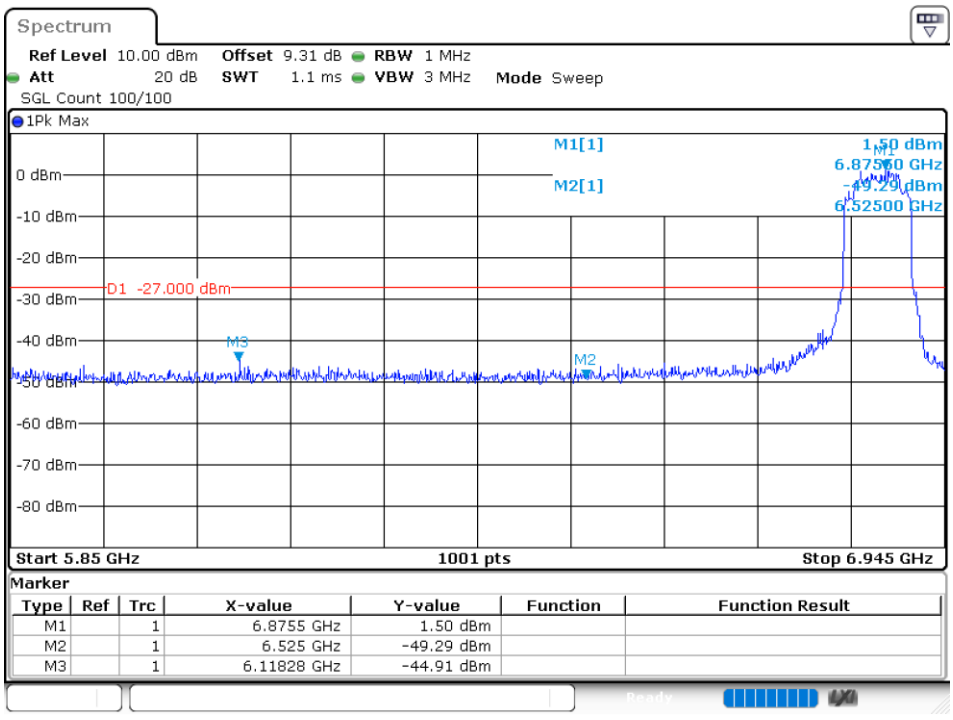
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	7.07767 GHz	4.80 dBm		
M2		1	7.17 GHz	-50.32 dBm		
M3		1	7.2098 GHz	-48.13 dBm		

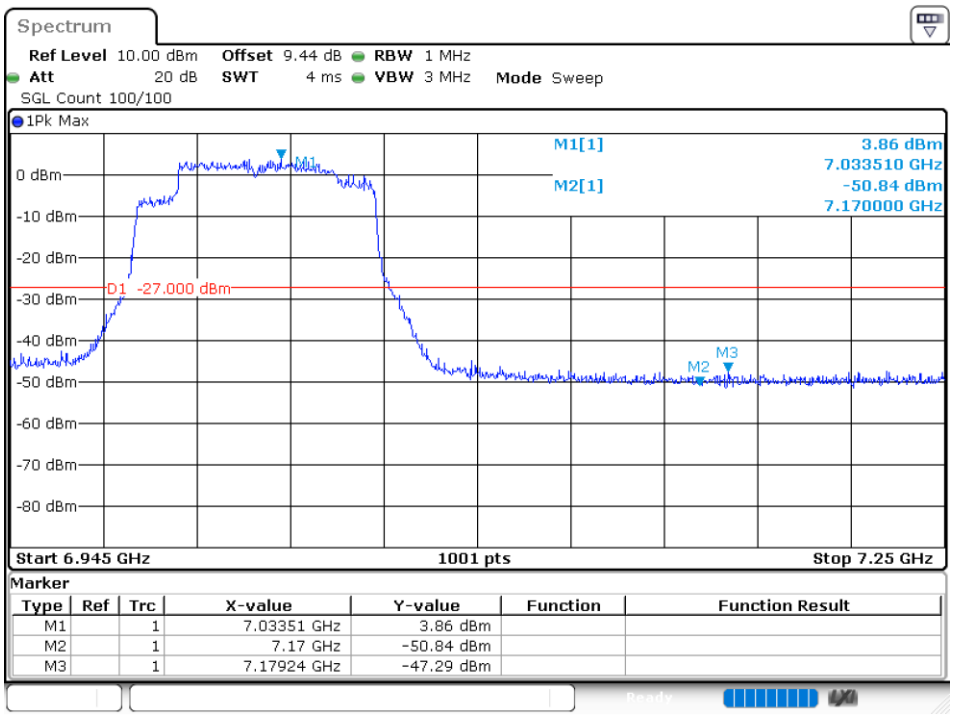
Band Edge NVNT ax80 6865MHz Low Ant1



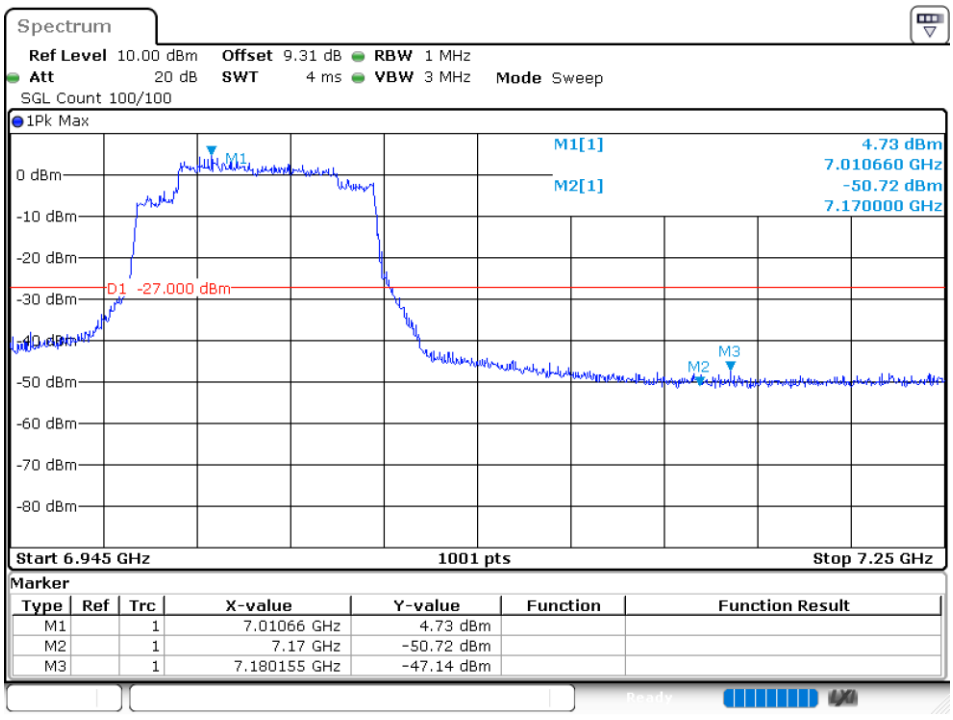
Band Edge NVNT ax80 6865MHz Low Ant2



Band Edge NVNT ax80 7025MHz High Ant1



Band Edge NVNT ax80 7025MHz High Ant2

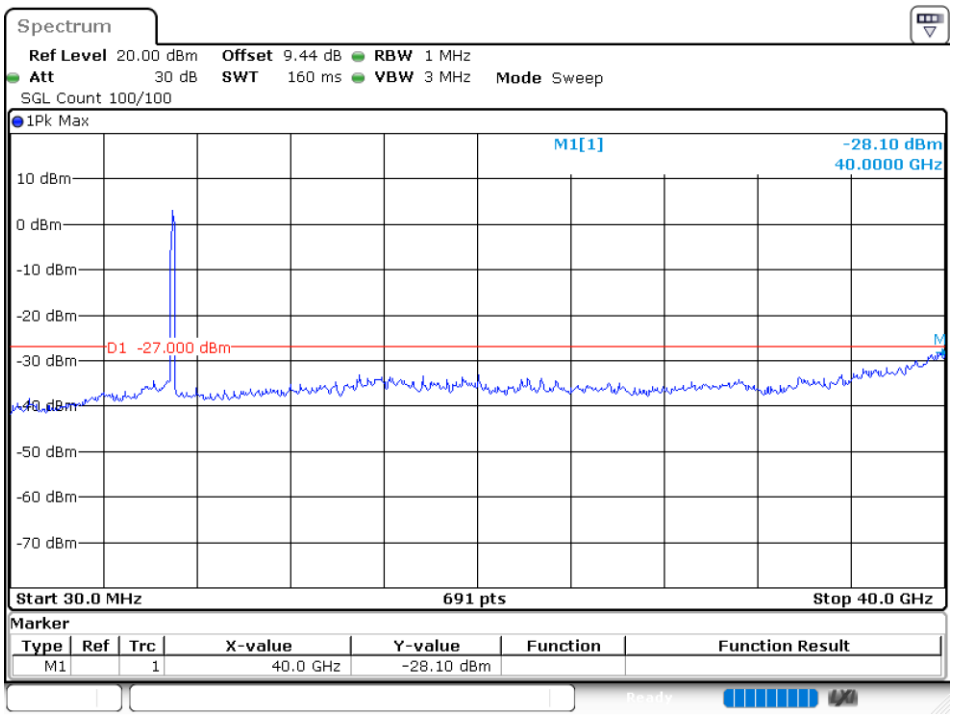


Conducted RF Spurious Emission

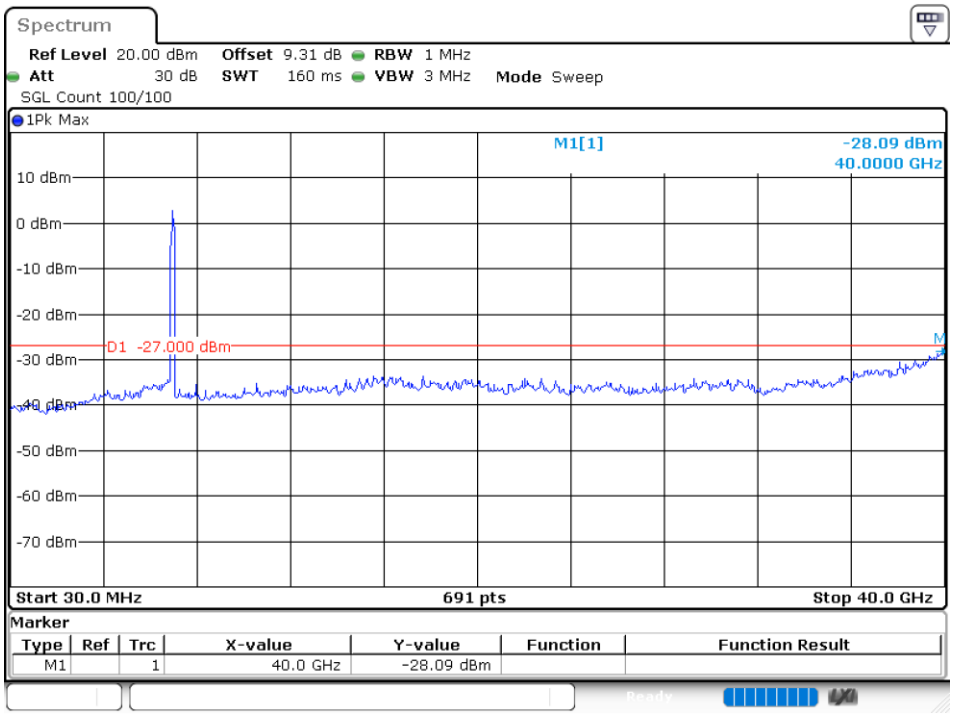
Condition	Mode	Frequency (MHz)	Antenna	Max Value (dBm)	Limit (dBm)	Verdict
NVNT	ax160	6985	Ant1	-28.1	-27	Pass
NVNT	ax160	6985	Ant2	-28.09	-27	Pass
NVNT	ax20	6875	Ant1	-28.25	-27	Pass
NVNT	ax20	6875	Ant2	-27.98	-27	Pass
NVNT	ax20	6995	Ant1	-28.06	-27	Pass
NVNT	ax20	6995	Ant2	-28.29	-27	Pass
NVNT	ax20	7115	Ant1	-29.14	-27	Pass
NVNT	ax20	7115	Ant2	-27.6	-27	Pass
NVNT	ax40	6885	Ant1	-28.22	-27	Pass
NVNT	ax40	6885	Ant2	-28.7	-27	Pass
NVNT	ax40	6965	Ant1	-28.05	-27	Pass
NVNT	ax40	6965	Ant2	-27.96	-27	Pass
NVNT	ax40	7085	Ant1	-27.98	-27	Pass
NVNT	ax40	7085	Ant2	-27.88	-27	Pass
NVNT	ax80	6865	Ant1	-27.35	-27	Pass
NVNT	ax80	6865	Ant2	-27.82	-27	Pass
NVNT	ax80	6945	Ant1	-27.85	-27	Pass
NVNT	ax80	6945	Ant2	-27.71	-27	Pass
NVNT	ax80	7025	Ant1	-38.97	-27	Pass
NVNT	ax80	7025	Ant2	-38.71	-27	Pass

Test Graphs

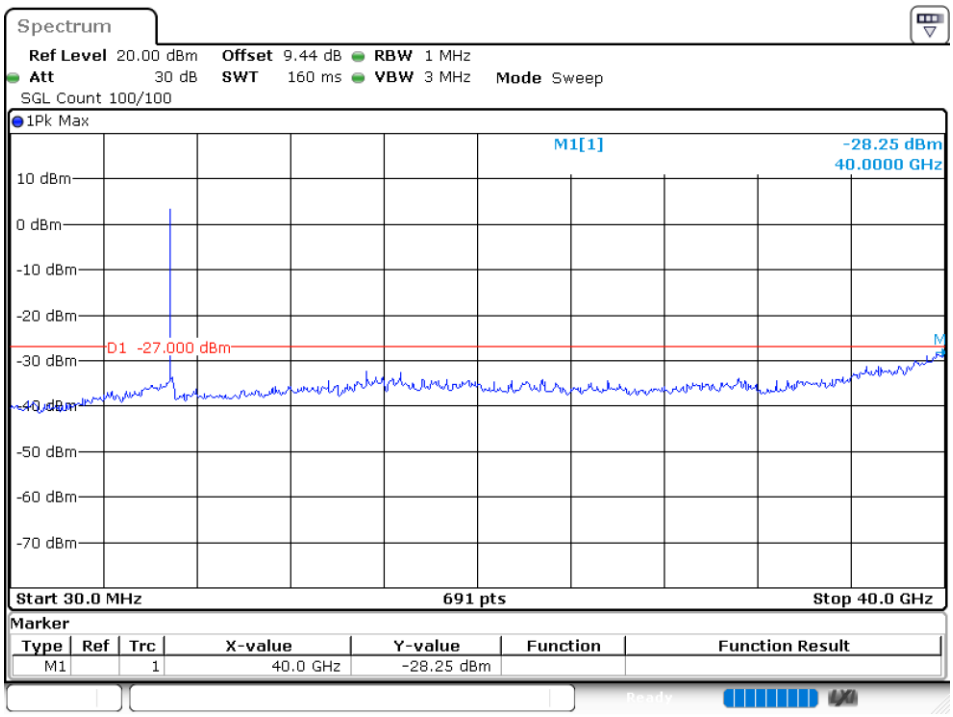
Tx. Spurious NVNT ax160 6985MHz Ant1 Emission



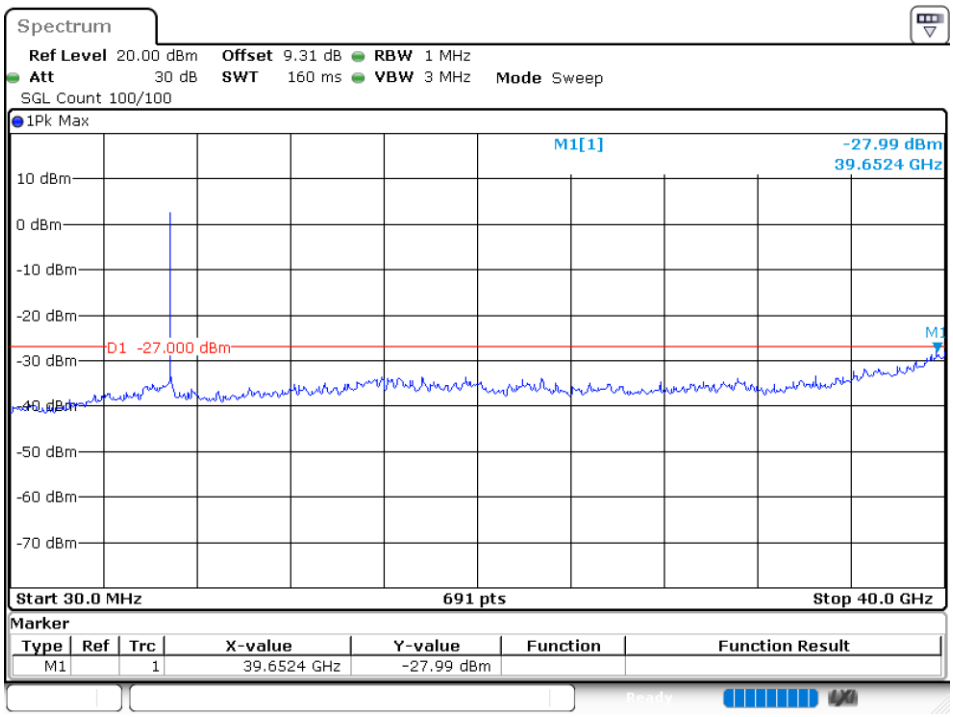
Tx. Spurious NVNT ax160 6985MHz Ant2 Emission



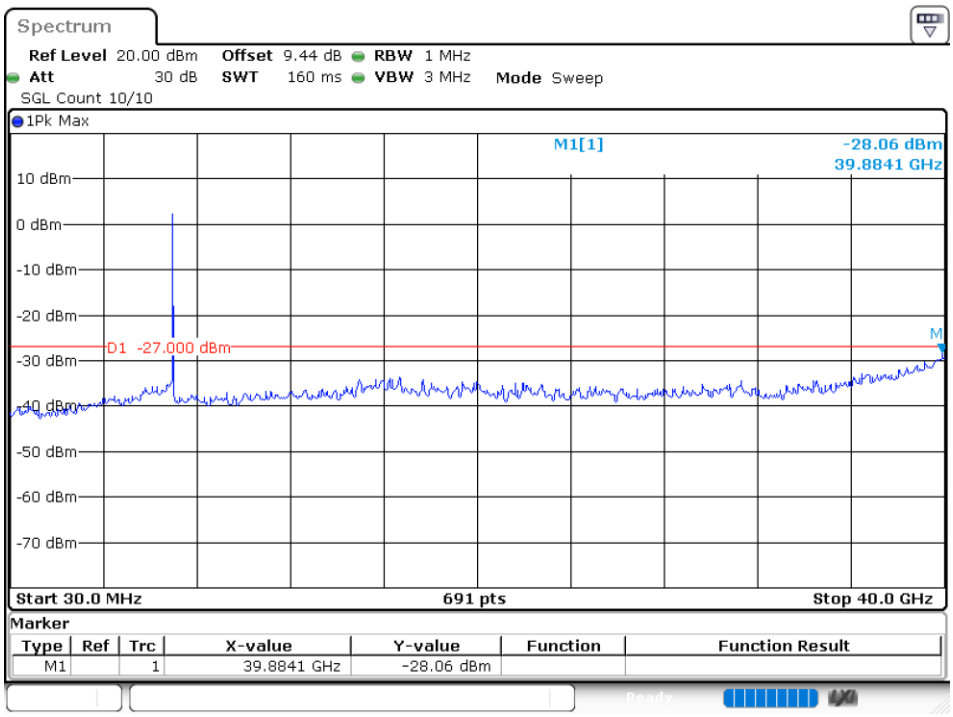
Tx. Spurious NVNT ax20 6875MHz Ant1 Emission



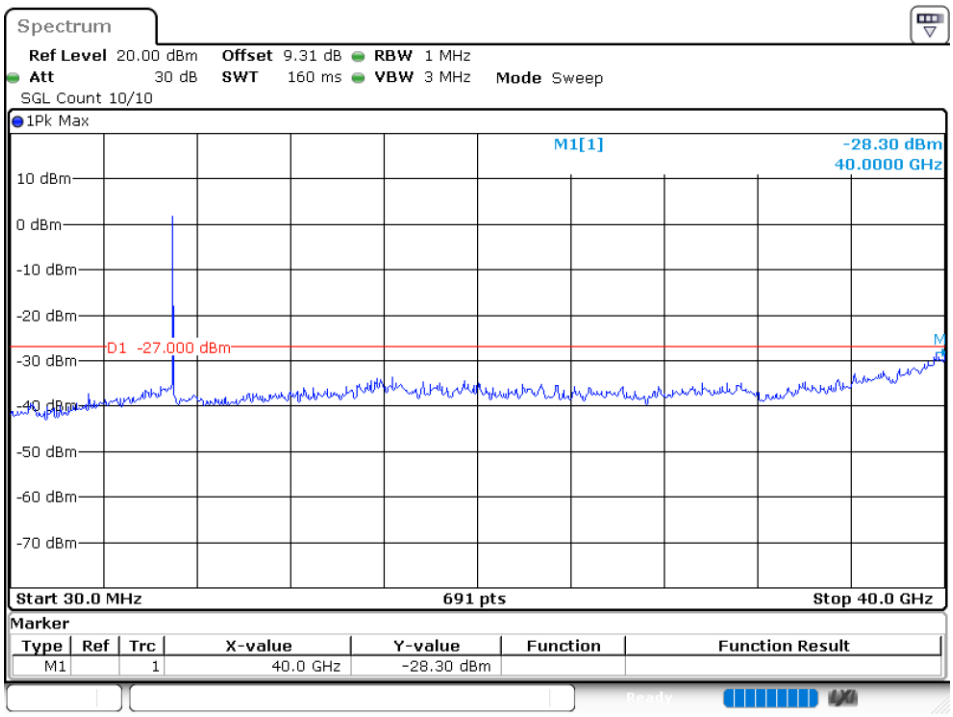
Tx. Spurious NVNT ax20 6875MHz Ant2 Emission



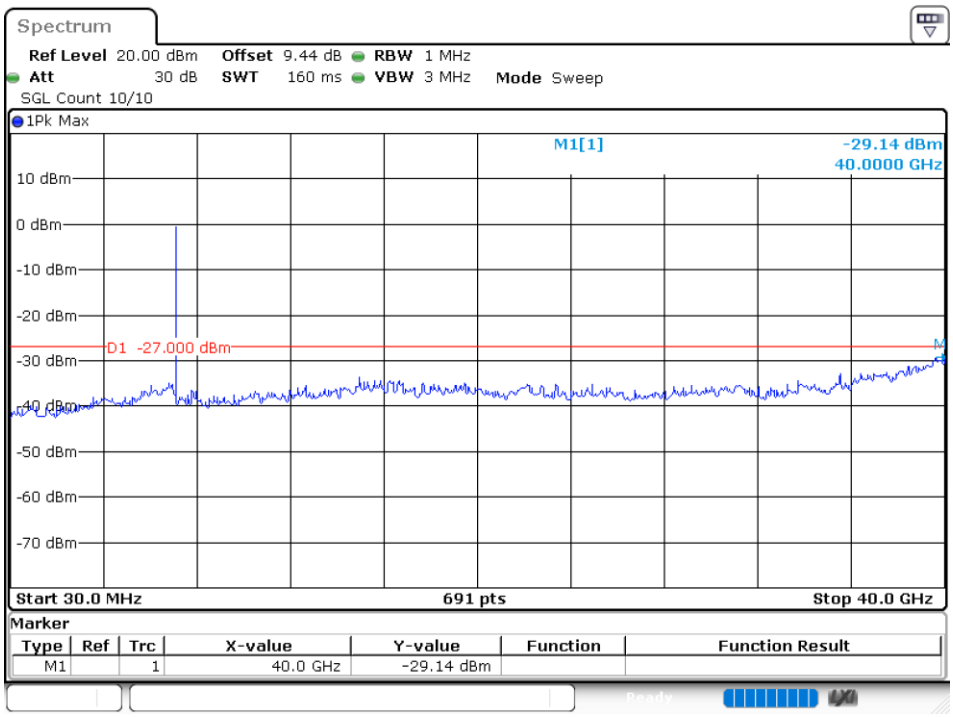
Tx. Spurious NVNT ax20 6995MHz Ant1 Emission



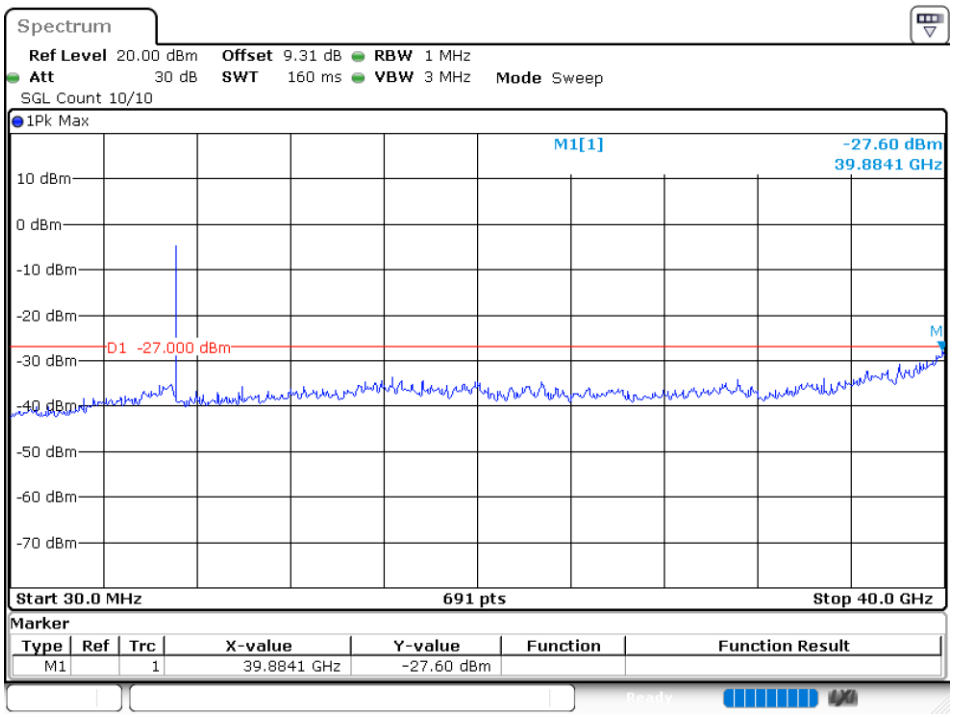
Tx. Spurious NVNT ax20 6995MHz Ant2 Emission



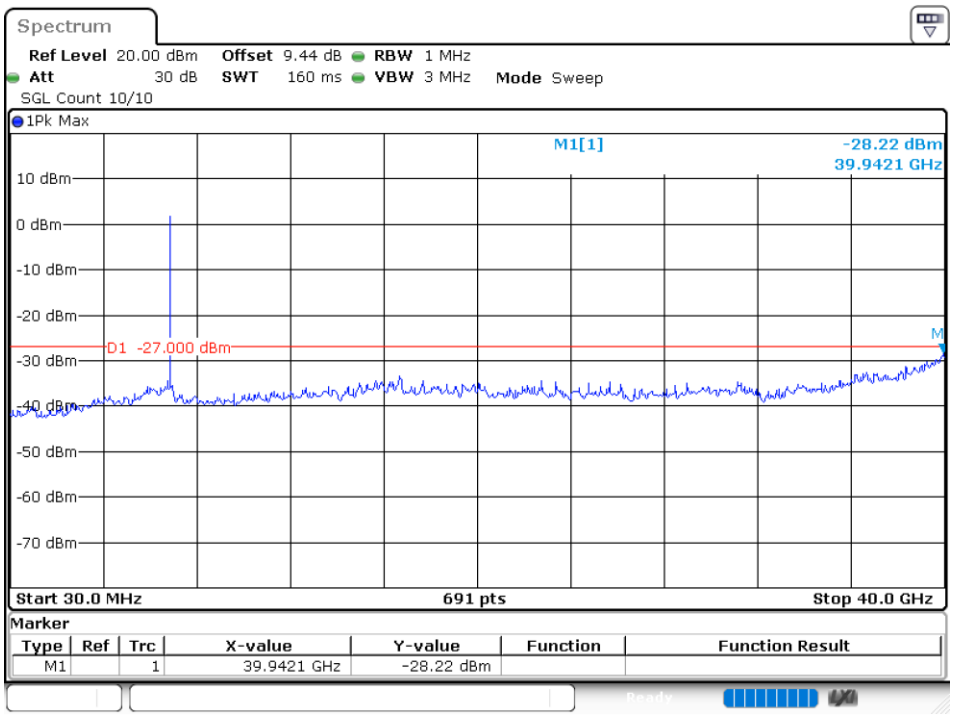
Tx. Spurious NVNT ax20 7115MHz Ant1 Emission



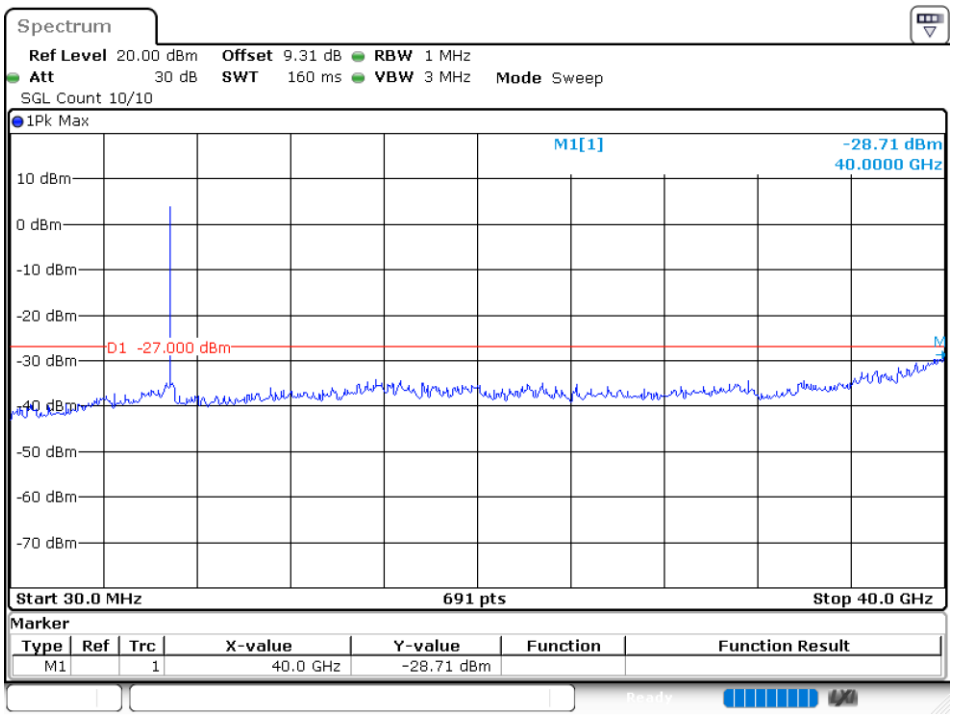
Tx. Spurious NVNT ax20 7115MHz Ant2 Emission



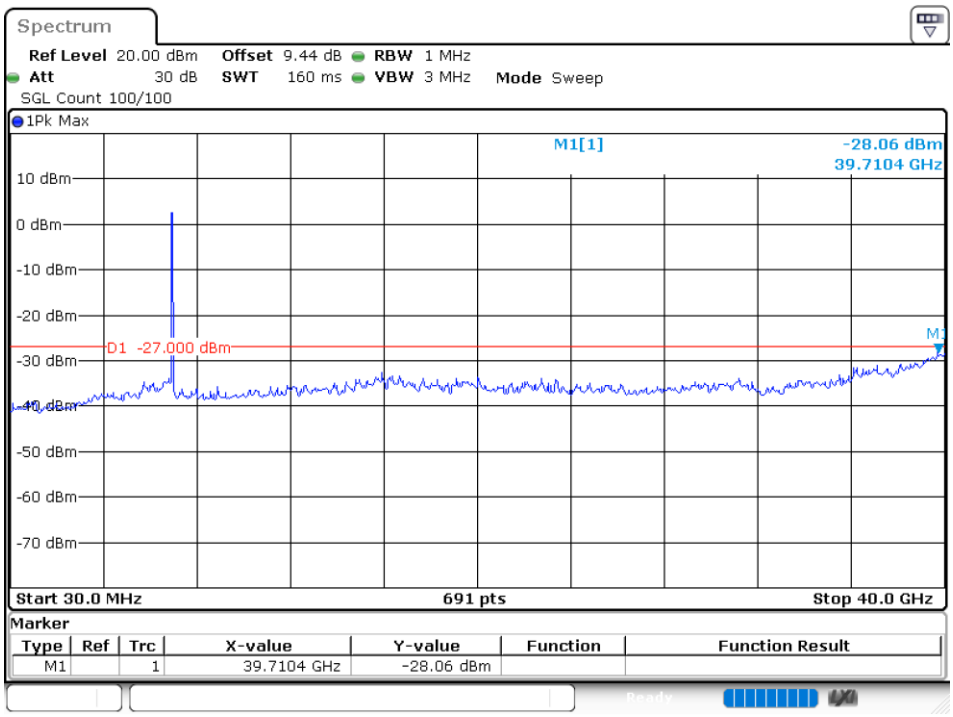
Tx. Spurious NVNT ax40 6885MHz Ant1 Emission



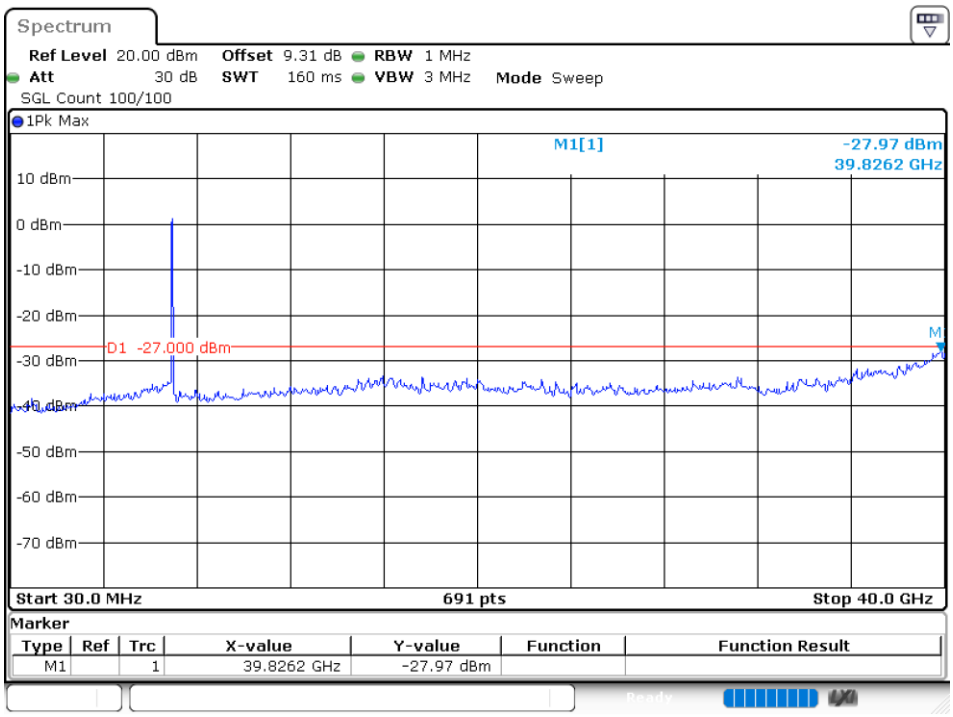
Tx. Spurious NVNT ax40 6885MHz Ant2 Emission



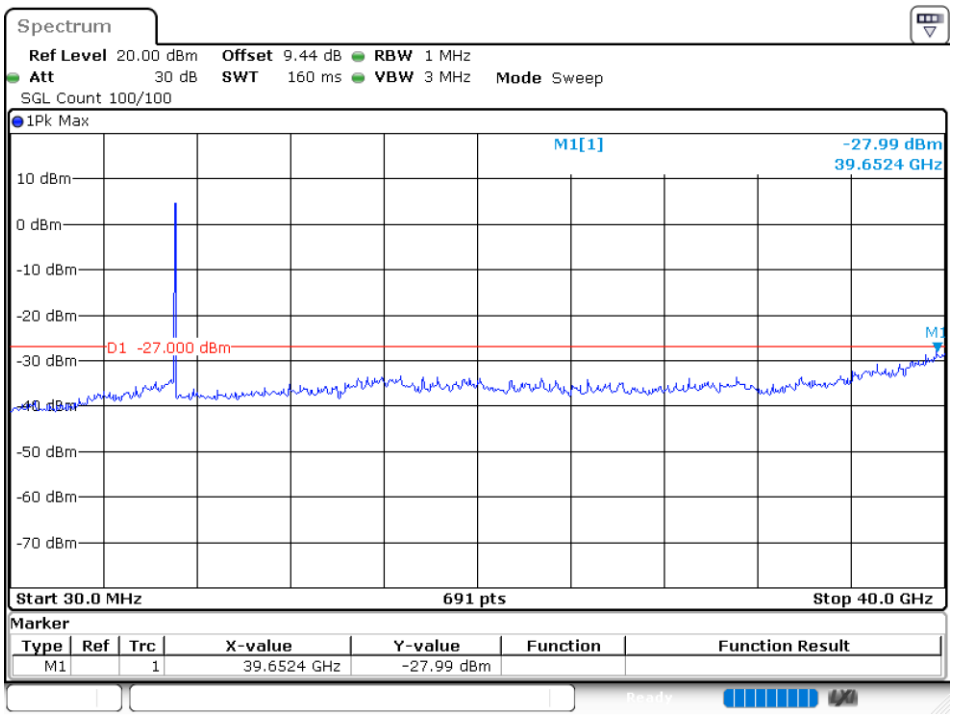
Tx. Spurious NVNT ax40 6965MHz Ant1 Emission



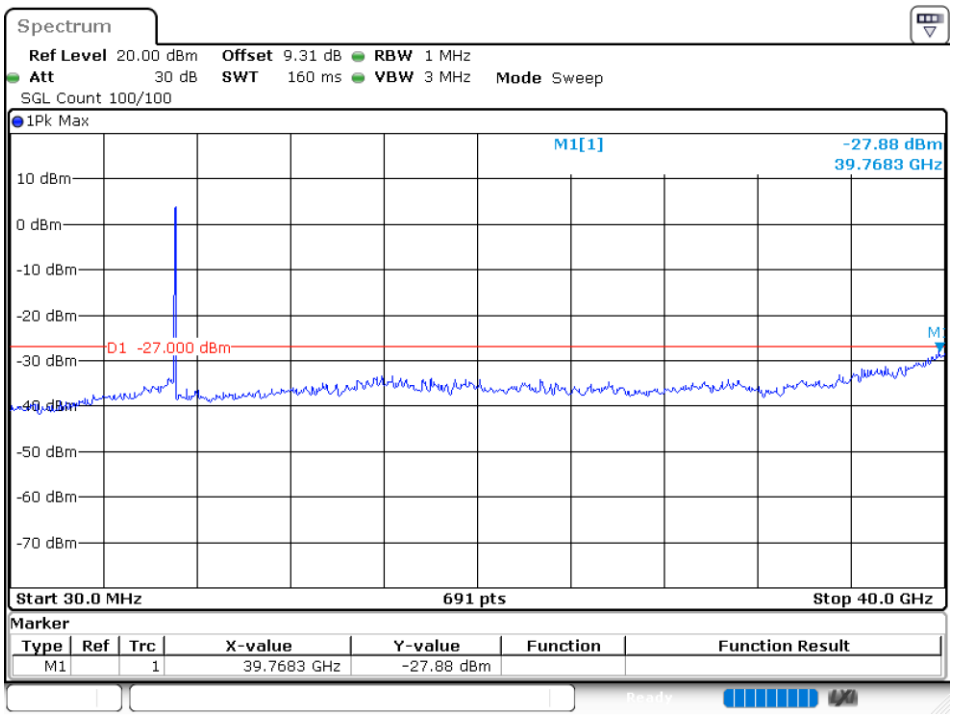
Tx. Spurious NVNT ax40 6965MHz Ant2 Emission



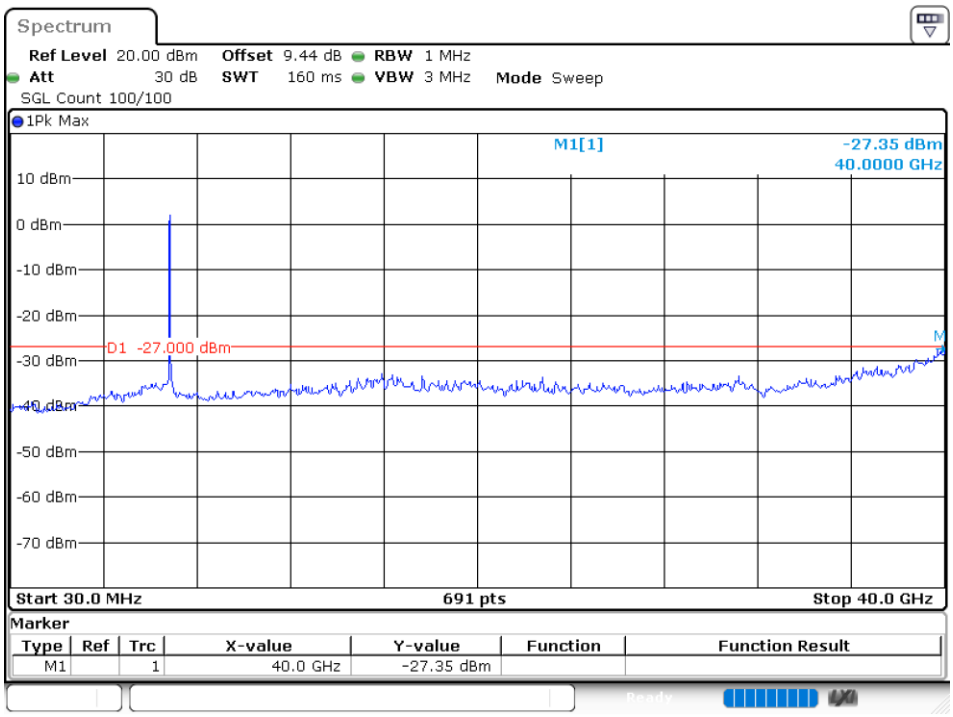
Tx. Spurious NVNT ax40 7085MHz Ant1 Emission



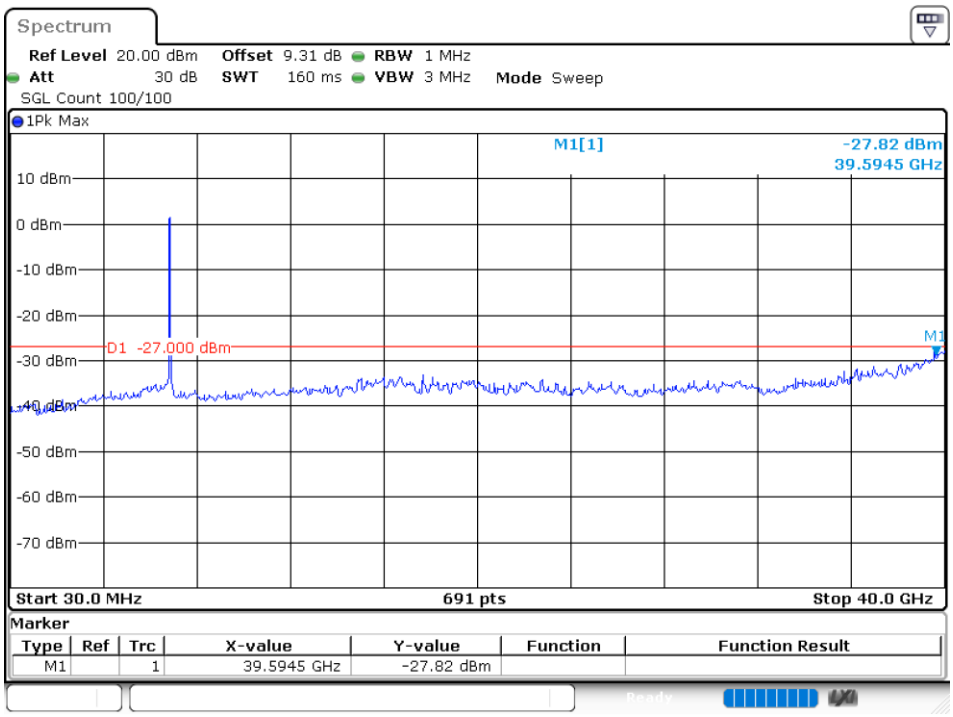
Tx. Spurious NVNT ax40 7085MHz Ant2 Emission



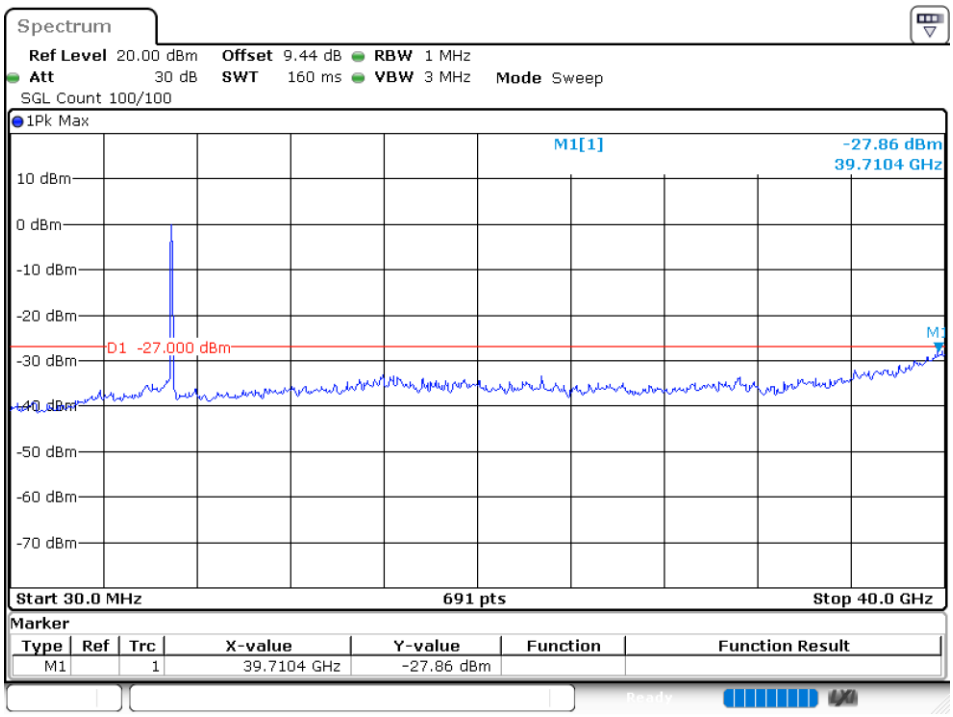
Tx. Spurious NVNT ax80 6865MHz Ant1 Emission



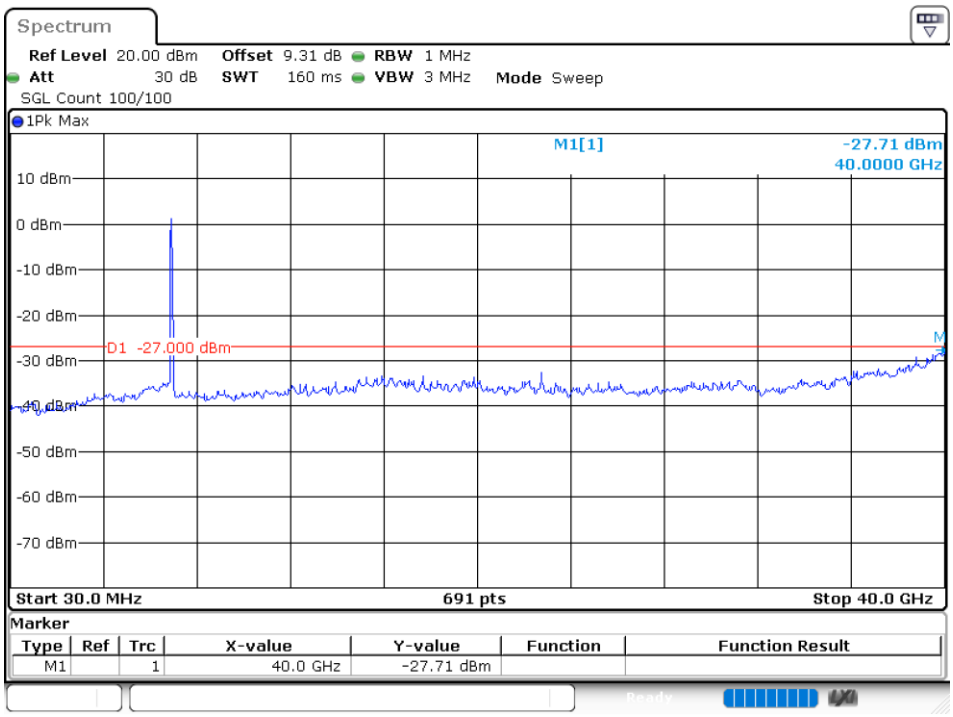
Tx. Spurious NVNT ax80 6865MHz Ant2 Emission



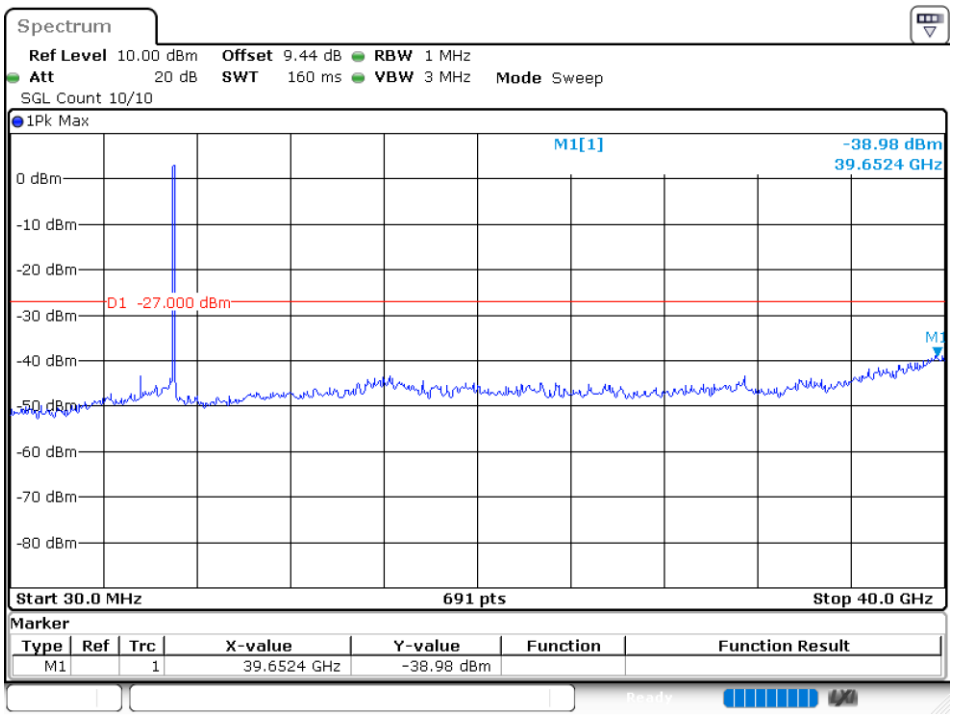
Tx. Spurious NVNT ax80 6945MHz Ant1 Emission



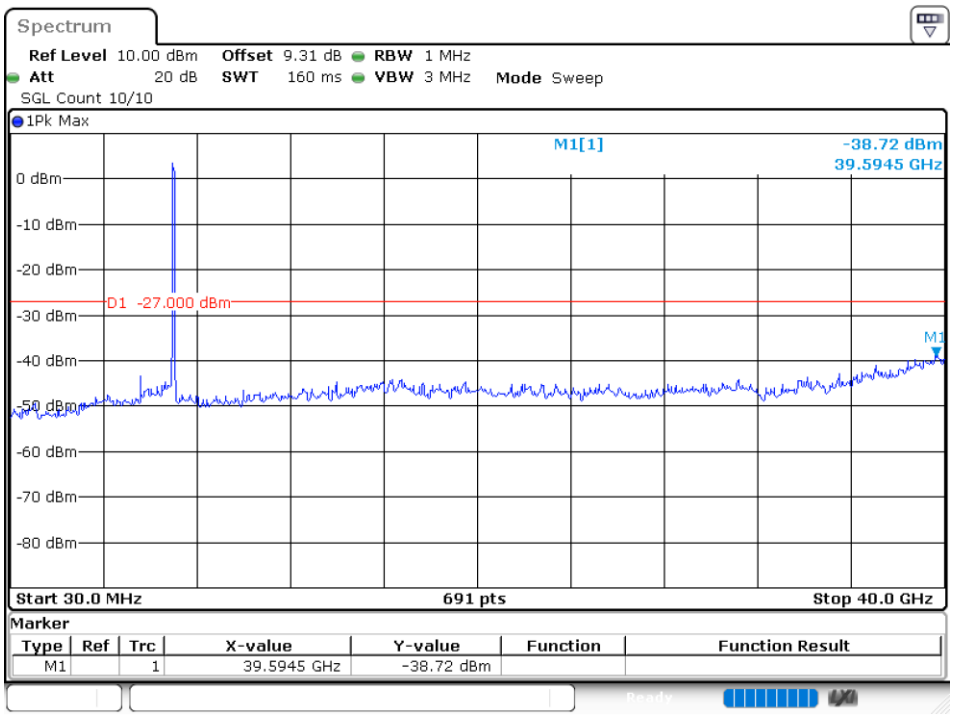
Tx. Spurious NVNT ax80 6945MHz Ant2 Emission



Tx. Spurious NVNT ax80 7025MHz Ant1 Emission



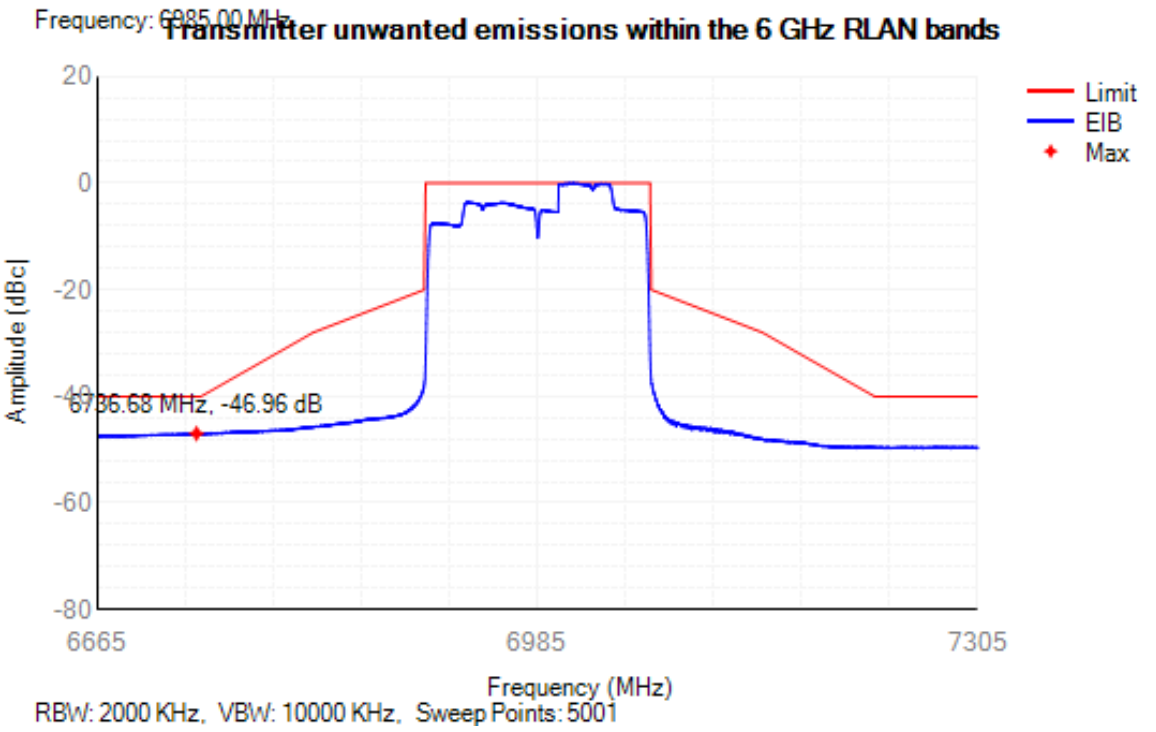
Tx. Spurious NVNT ax80 7025MHz Ant2 Emission



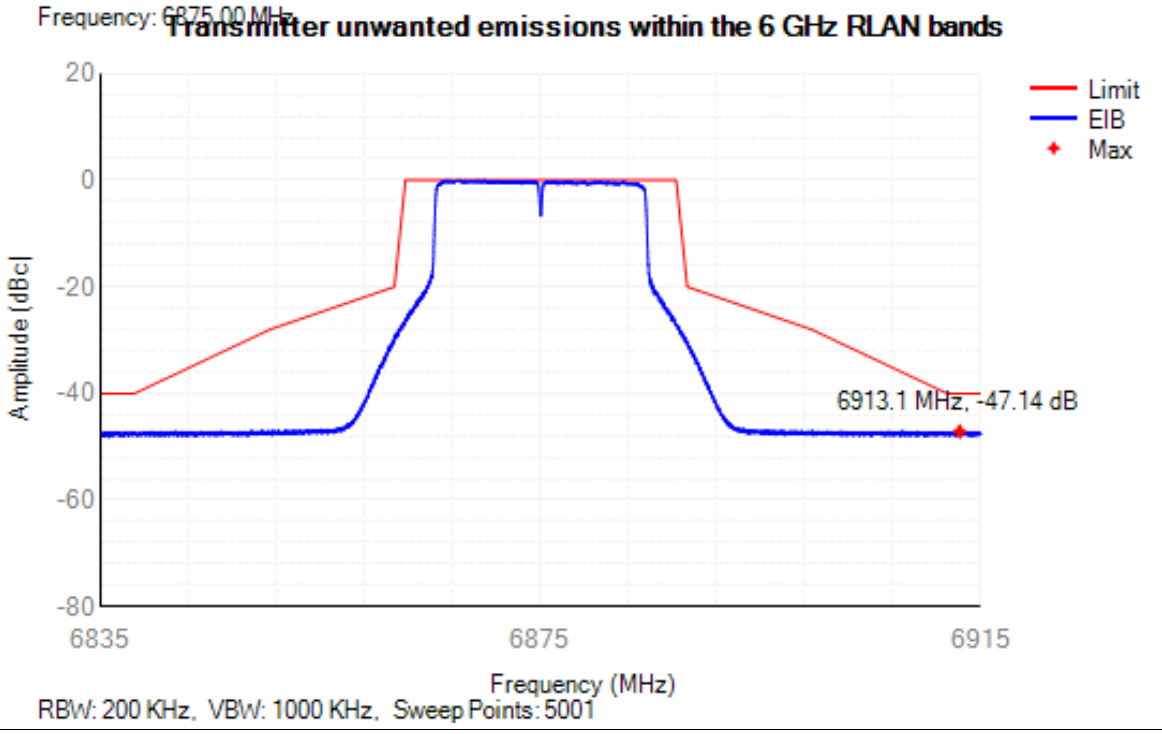
Power spectral mask

Condition	Mode	Frequency (MHz)	Antenna	Sub Band	Worst EIB Frequency (MHz)	Level (dB)	Limit (dB)	Verdict
NVNT	ax160	6985	Sum	Band1	6736.68	-46.96	-40	Pass
NVNT	ax20	6875	Sum	Band1	6913.1	-47.14	-40	Pass
NVNT	ax20	6995	Sum	Band1	7007.74	-27.59	-20	Pass
NVNT	ax20	7115	Sum	Band1	7075.21	-47.61	-40	Pass
NVNT	ax40	6885	Sum	Band1	6958.25	-47.7	-40	Pass
NVNT	ax40	6965	Sum	Band1	6887.91	-46.35	-40	Pass
NVNT	ax40	7085	Sum	Band1	7012.26	-41.78	-40	Pass
NVNT	ax80	6865	Sum	Band1	6993.45	-46.65	-40	Pass
NVNT	ax80	6945	Sum	Band1	6814.82	-45.73	-40	Pass
NVNT	ax80	7025	Sum	Band1	7067.62	-27.84	-20.01	Pass

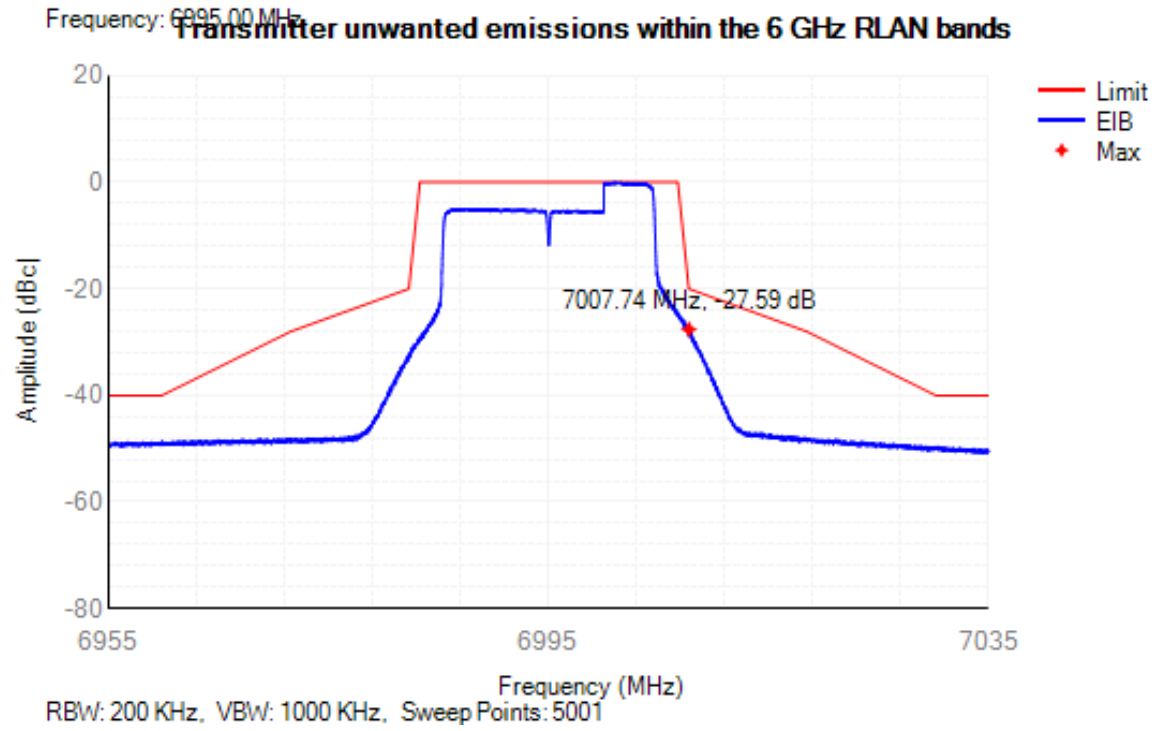
Test Graphs
Power spectral mask NVNT ax160 6985MHz



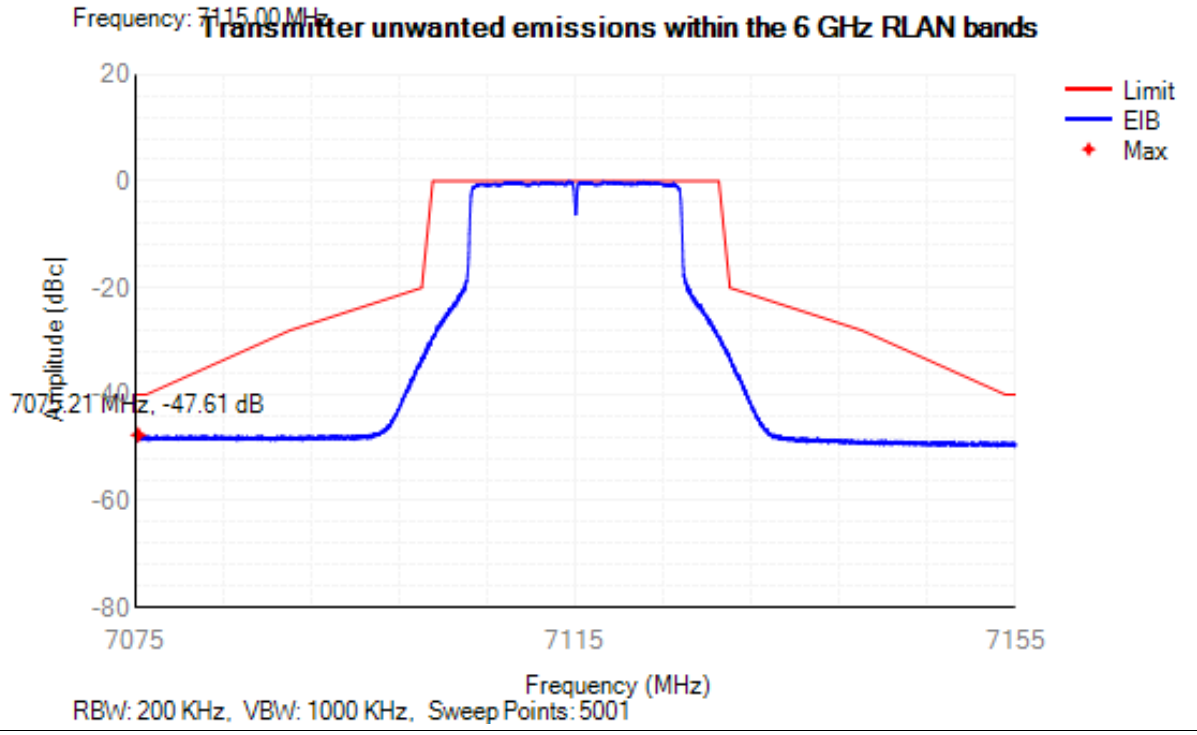
Power spectral mask NVNT ax20 6875MHz



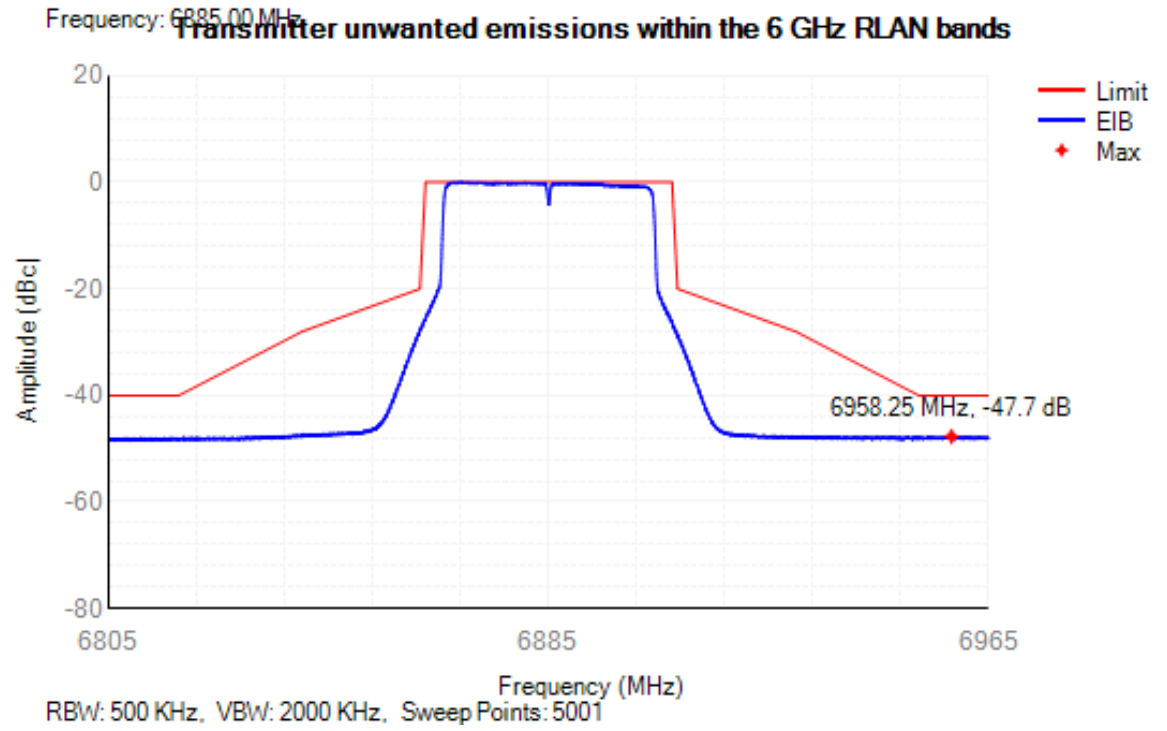
Power spectral mask NVNT ax20 6995MHz



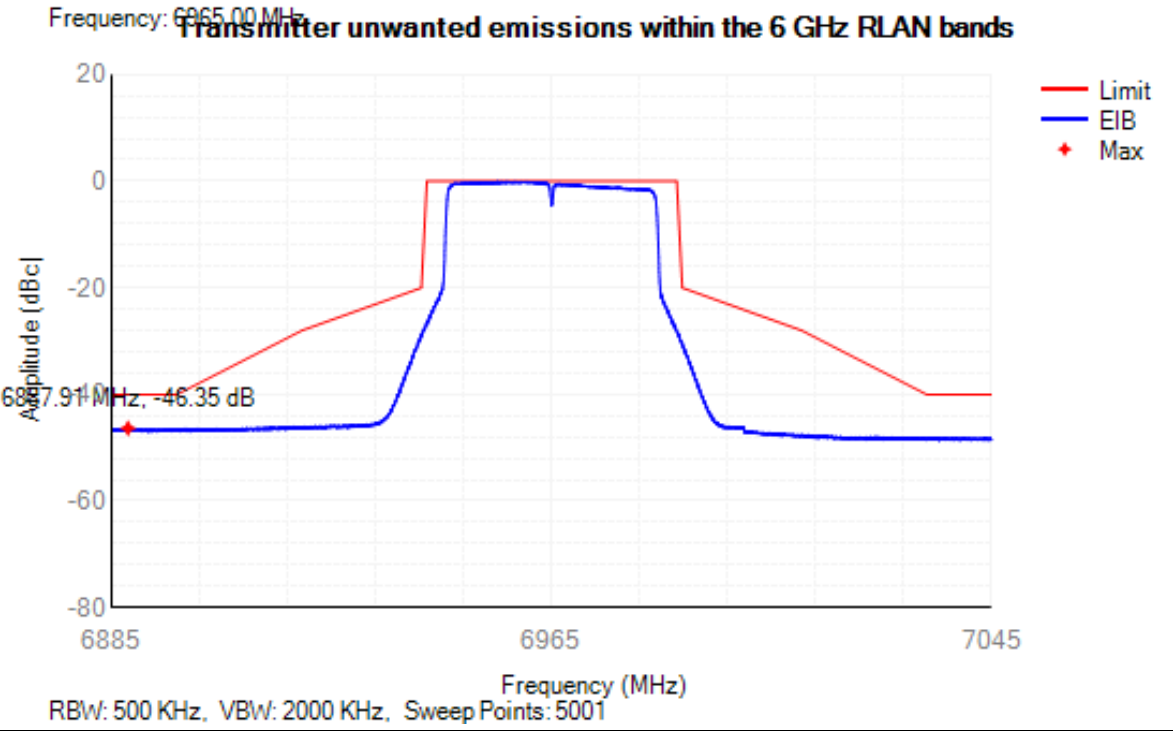
Power spectral mask NVNT ax20 7115MHz



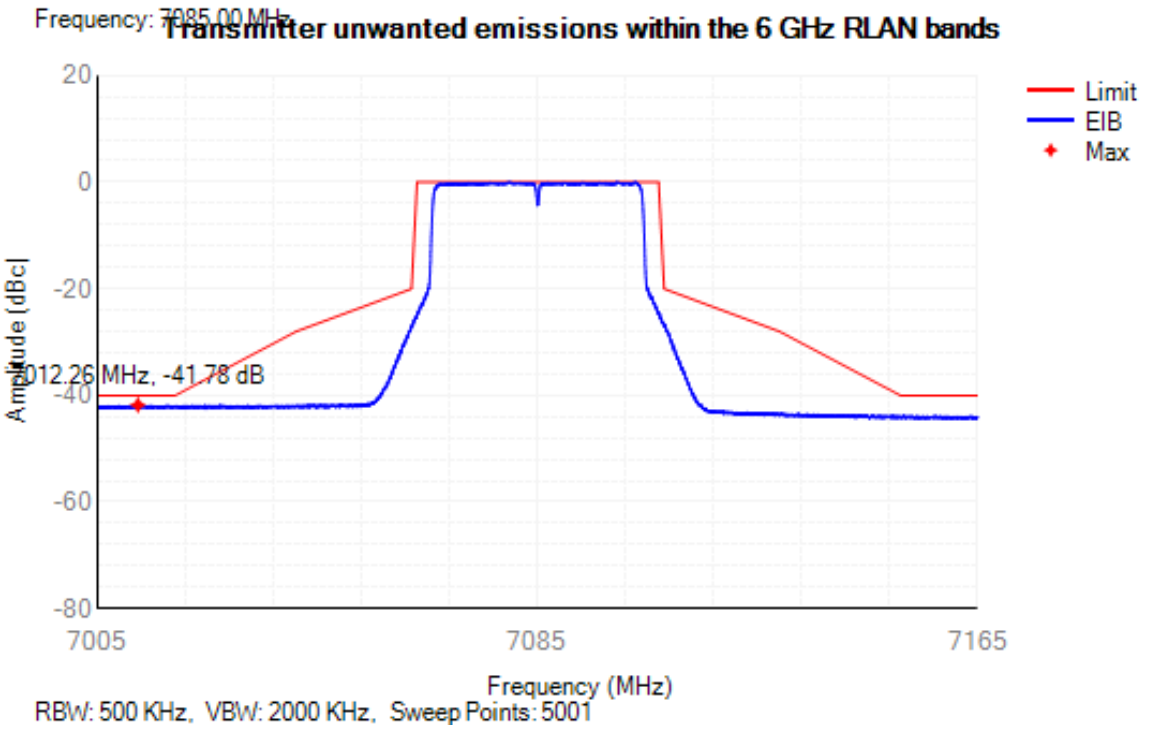
Power spectral mask NVNT ax40 6885MHz



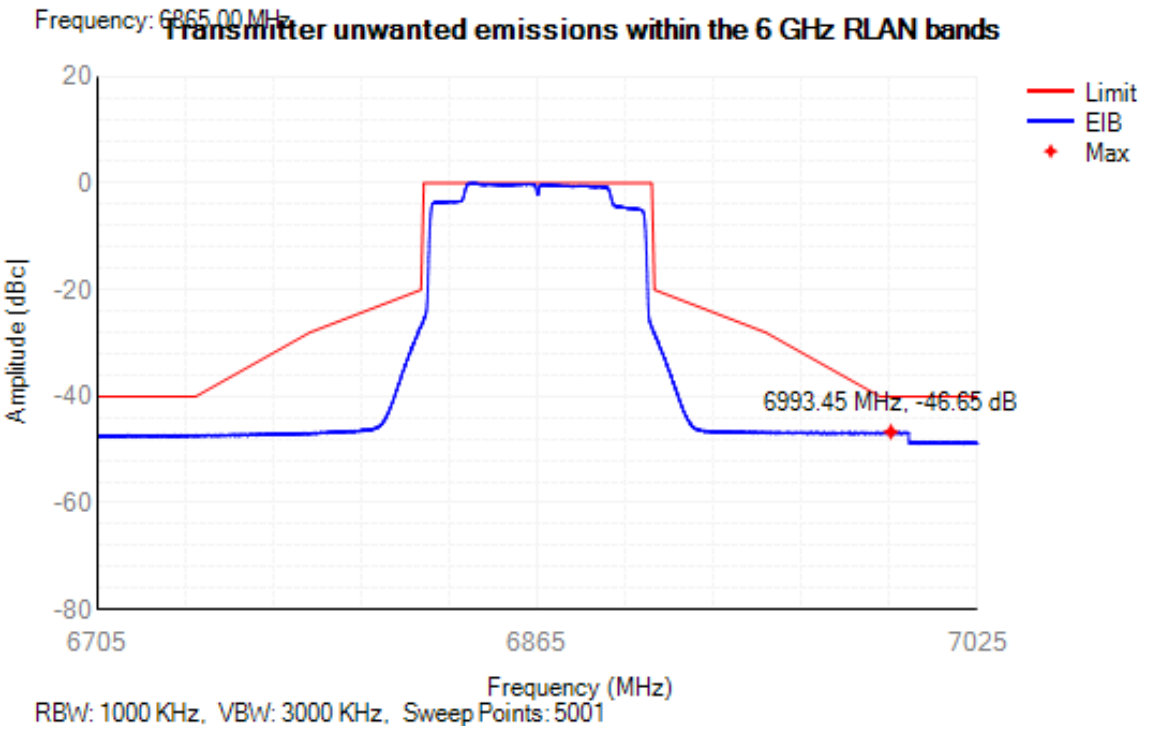
Power spectral mask NVNT ax40 6965MHz



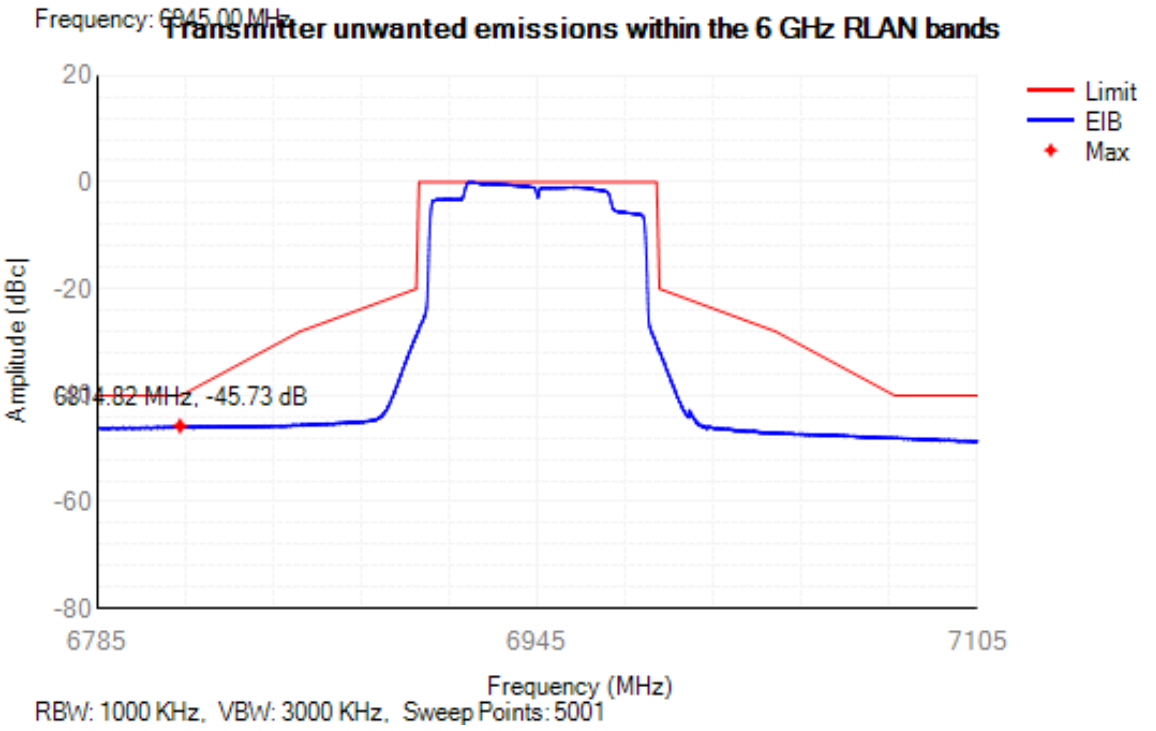
Power spectral mask NVNT ax40 7085MHz



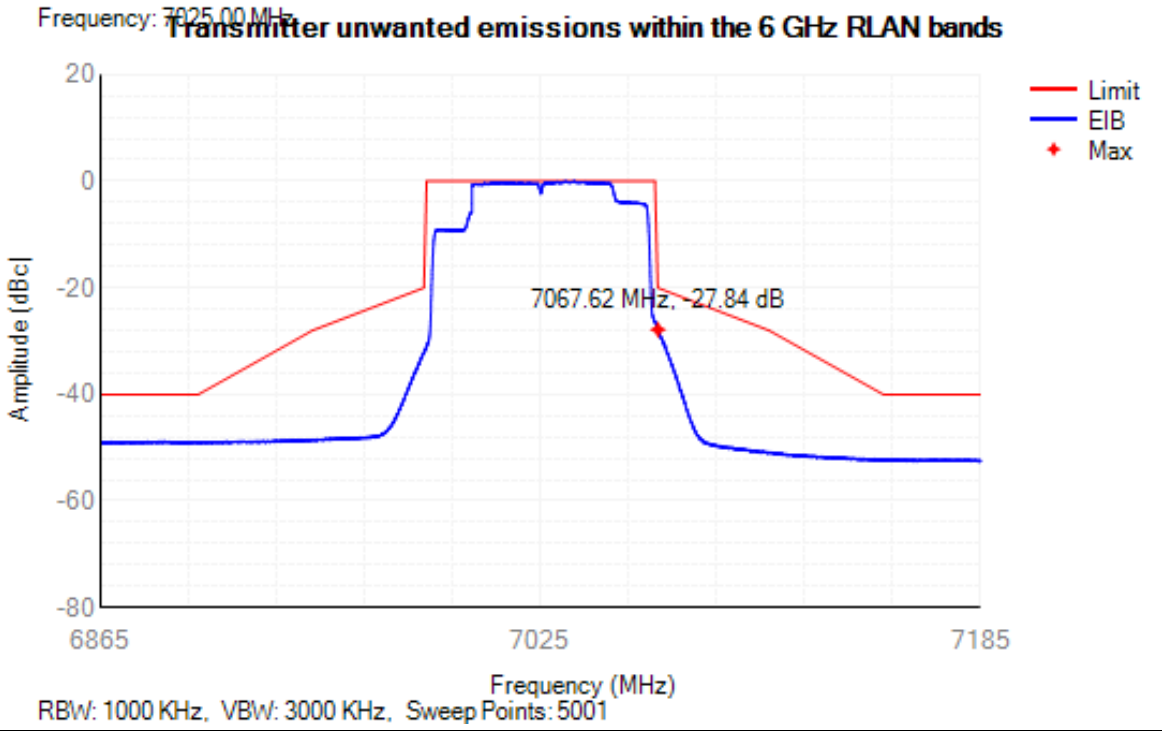
Power spectral mask NVNT ax80 6865MHz



Power spectral mask NVNT ax80 6945MHz



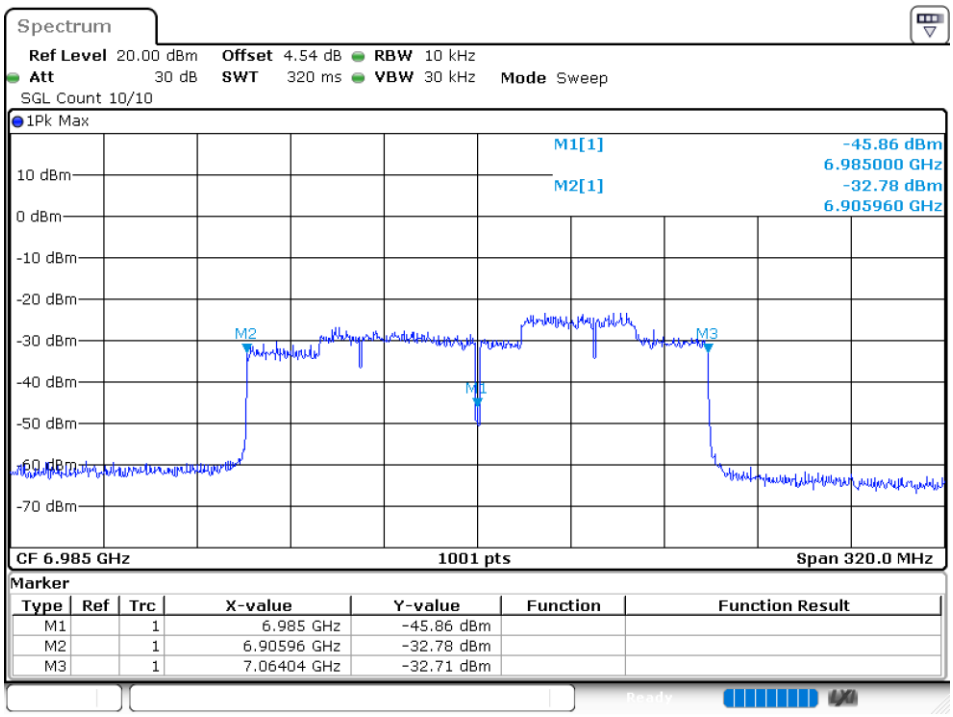
Power spectral mask NVNT ax80 7025MHz



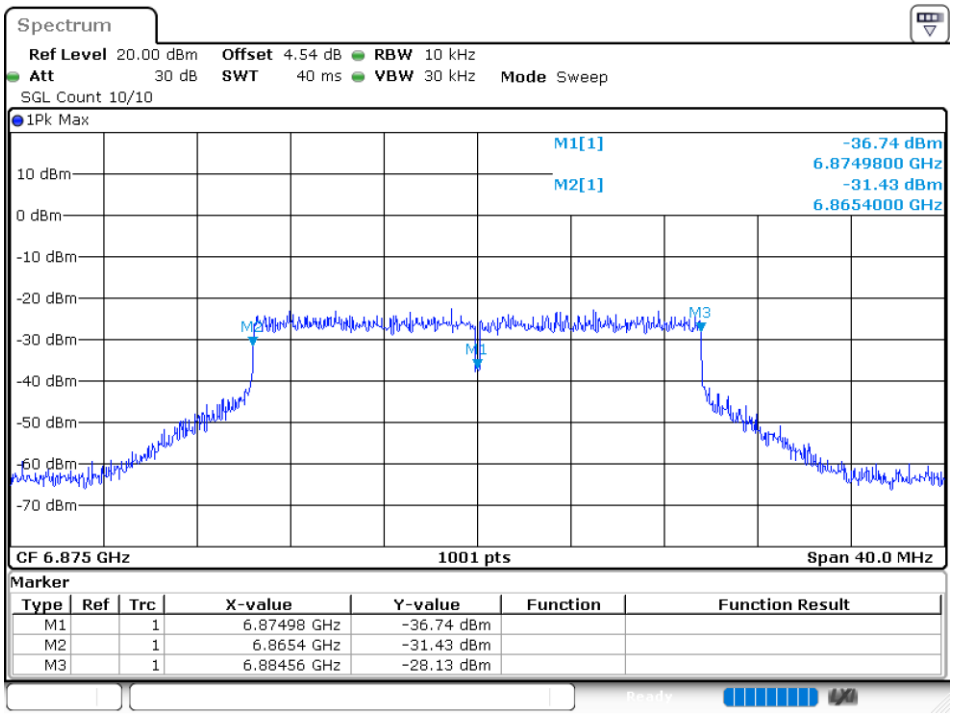
Frequency Stability

Condition	Mode	Time (mins)	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	ax160	0	6985	Ant1	6985	0	0	25	Pass
NVNT	ax20	0	6875	Ant1	6874.98	-20000	-2.91	25	Pass
NVNT	ax20	0	6995	Ant1	6995.12	120000	17.16	25	Pass
NVNT	ax20	0	7115	Ant1	7114.98	-20000	-2.81	25	Pass
NVNT	ax40	0	6885	Ant1	6885	0	0	25	Pass
NVNT	ax40	0	6965	Ant1	6965	0	0	25	Pass
NVNT	ax40	0	7085	Ant1	7085	0	0	25	Pass
NVNT	ax80	0	6865	Ant1	6865	0	0	25	Pass
NVNT	ax80	0	6945	Ant1	6944.92	-80000	-11.52	25	Pass
NVNT	ax80	0	7025	Ant1	7025.08	80000	11.39	25	Pass

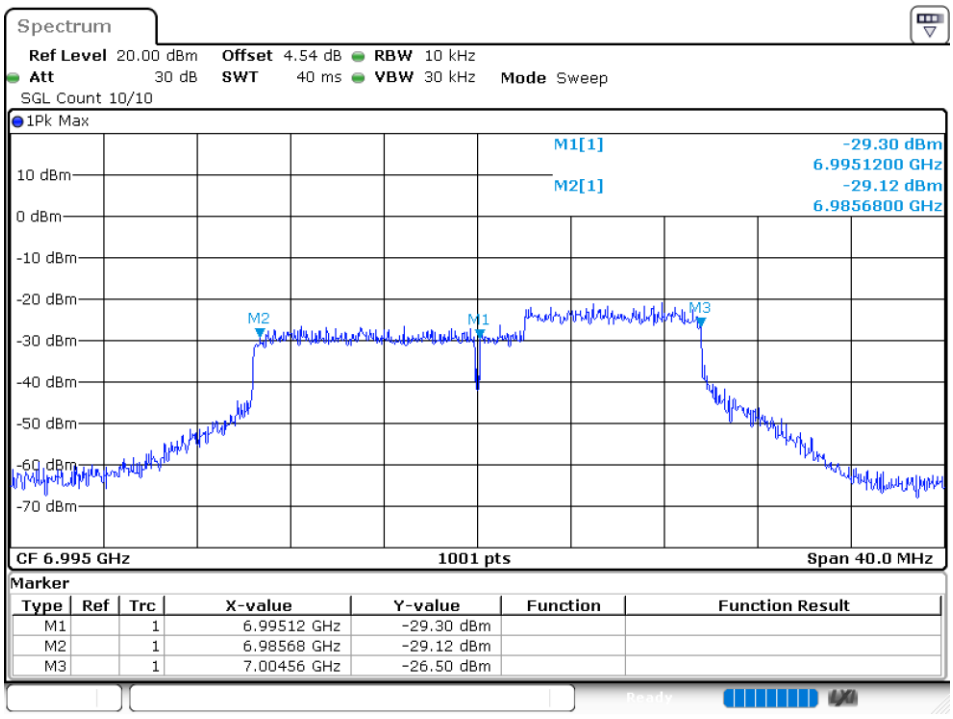
Test Graphs
Freq. Stability NVNT ax160 6985MHz Ant1 0 Minutes



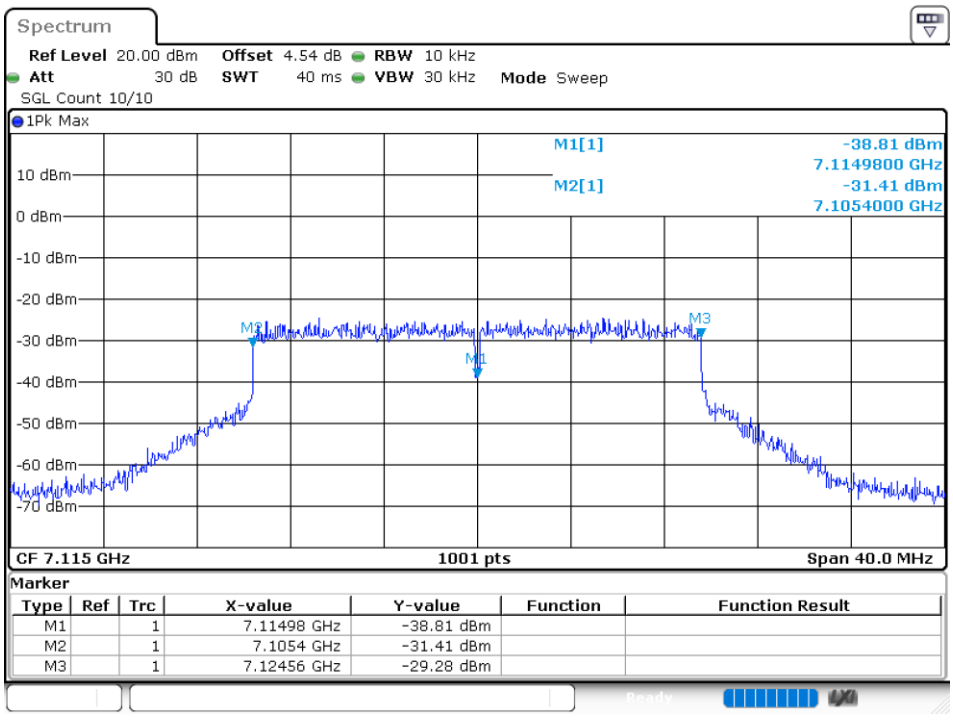
Freq. Stability NVNT ax20 6875MHz Ant1 0 Minutes



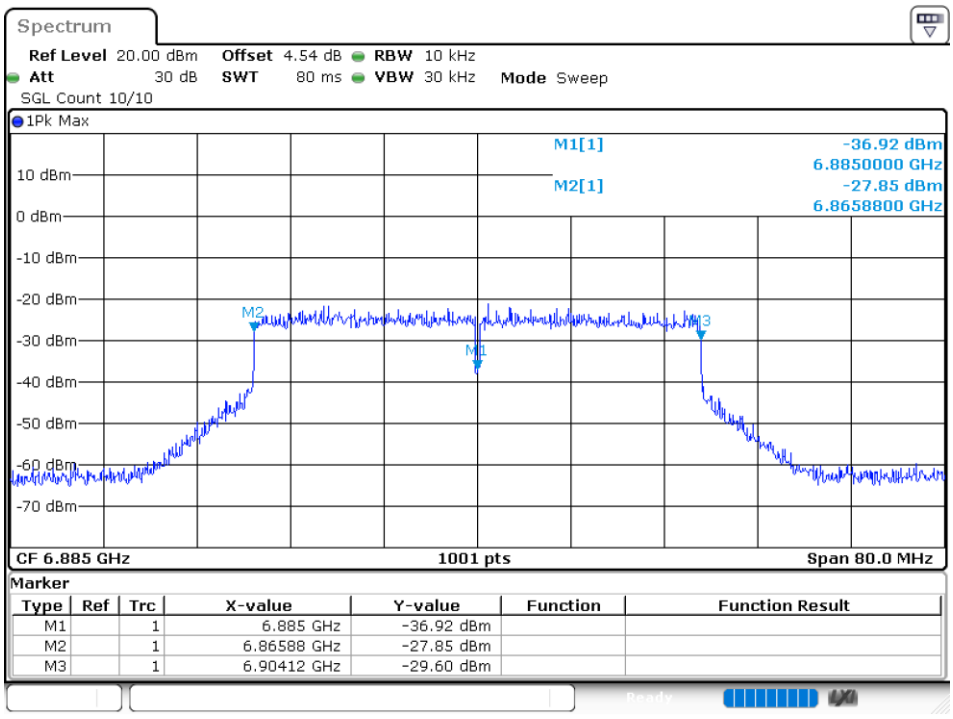
Freq. Stability NVNT ax20 6995MHz Ant1 0 Minutes



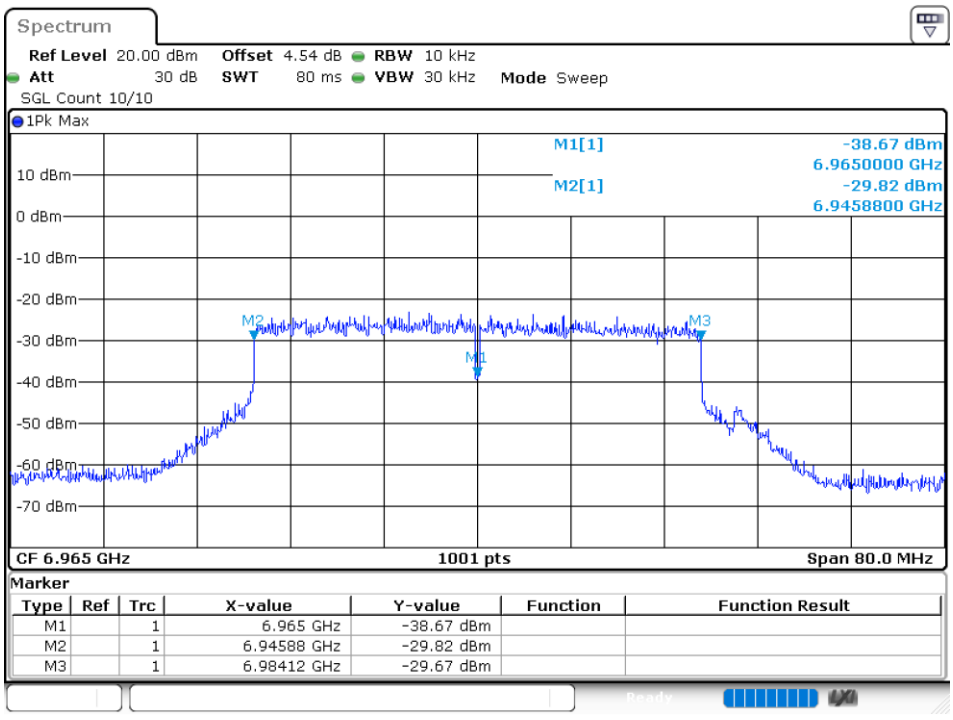
Freq. Stability NVNT ax20 7115MHz Ant1 0 Minutes



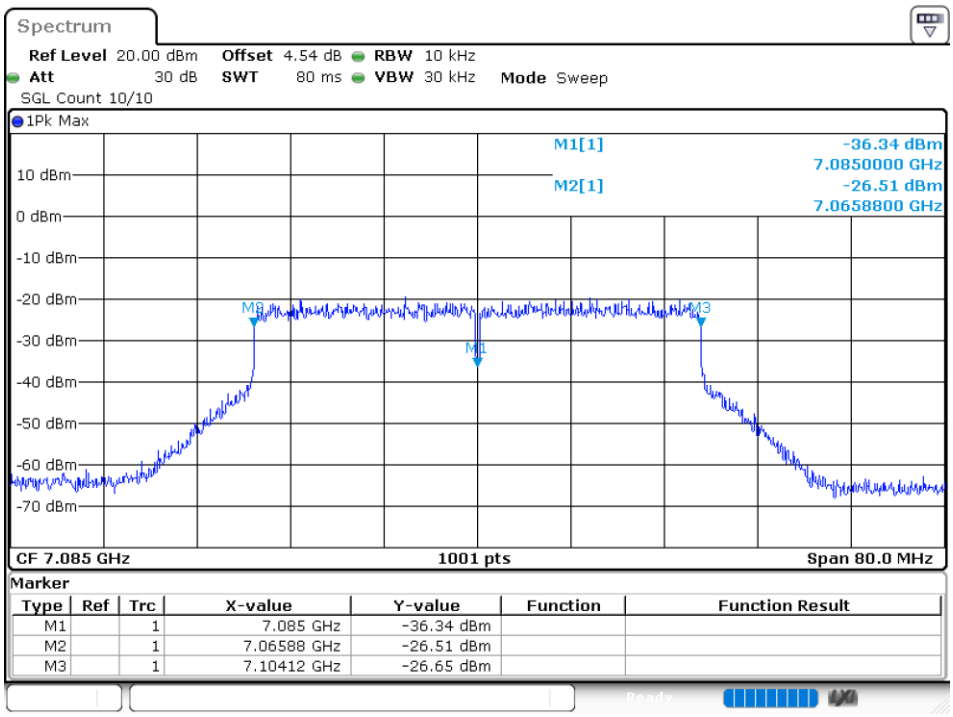
Freq. Stability NVNT ax40 6885MHz Ant1 0 Minutes



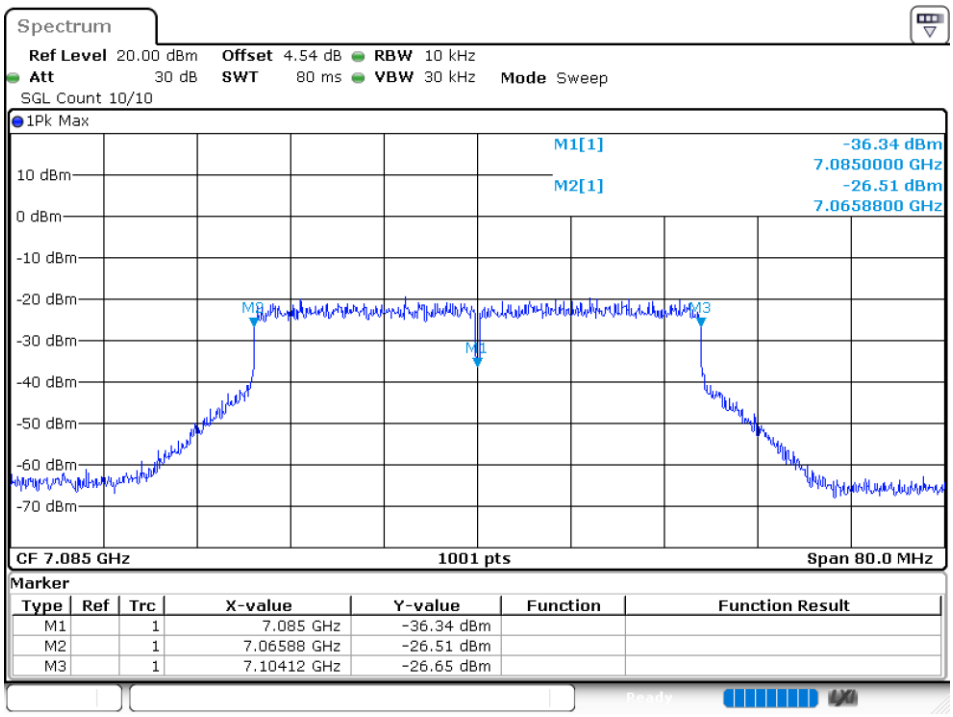
Freq. Stability NVNT ax40 6965MHz Ant1 0 Minutes



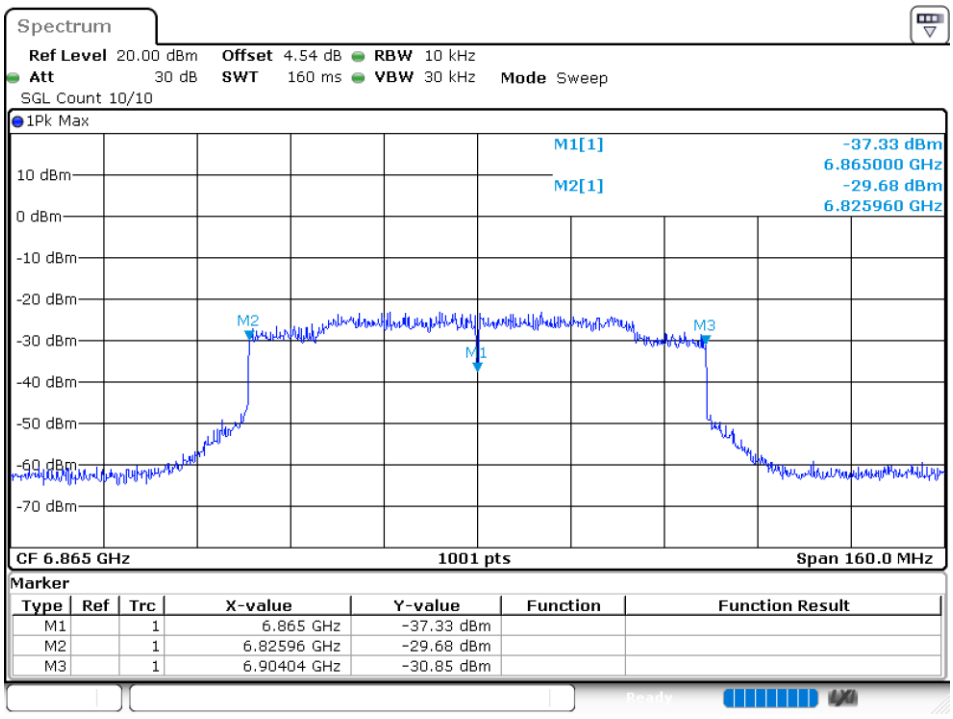
Freq. Stability NVNT ax40 7085MHz Ant1 0 Minutes



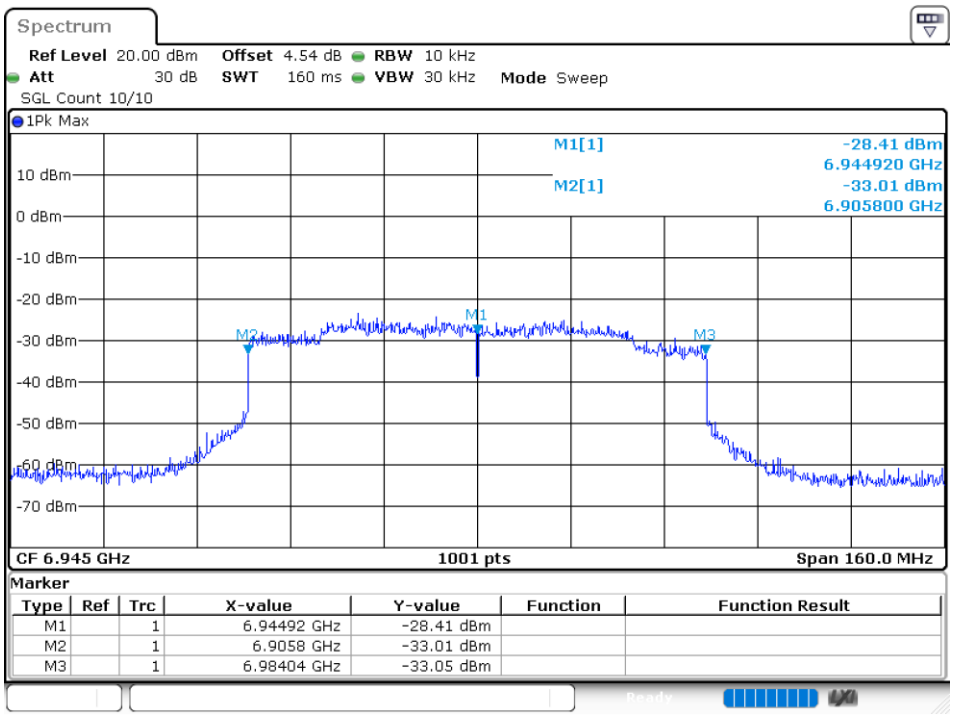
Freq. Stability NVNT ax40 7085MHz Ant1 0 Minutes



Freq. Stability NVNT ax80 6865MHz Ant1 0 Minutes



Freq. Stability NVNT ax80 6945MHz Ant1 0 Minutes



Freq. Stability NVNT ax80 7025MHz Ant1 0 Minutes