

CE Radio Test Report

Project No. : 2401H004B
Equipment : XGS-PON ONT
Brand Name : ZTE
Test Model : ZXHN F8748Q
Series Model : N/A
Applicant : ZTE Corporation
Address : ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park,Nanshan District,Shenzhen, Guangdong, 518057, P.R.China
Manufacturer : ZTE Corporation
Address : ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park,Nanshan District,Shenzhen, Guangdong, 518057, P.R.China
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Issued Date :
Test Sample : Engineering Sample No.: SH2024010397 for radiation, SH2024010398/ SH2024010521-1/ SH2024010911 for conducted.
Standard(s) : EN 303 687 V1.1.1

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Shanghai)

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Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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1. RF EMISSIONS MEASUREMENT

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is **TR02/CB12** at the location of No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210, People's Republic of China.

The test facilities used to collect the test data of receiver selectivity, channel access mechanism and receiver blocking in this report is located at the location of No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong, China.

1.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty figures shall be calculated according the methods described in the ETSI TR 100 028 and shall correspond to an expansion factor (coverage factor) $k=1.96$ or $k=2$ (which provide confidence levels of respectively 95% and 95.45% in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)).

Measurement Uncertainty for a Level of Confidence of 95.45%, $U=2 \times u_c(y)$.

The BTL measurement uncertainty as below table:

Parameter	Uncertainty
Output Power	± 1.3462 dB
Occupied Bandwidth	$\pm 0.06\%$
Power Spectral Density	± 1.4300 dB
Carrier frequencies	± 1.3446 kHz
Transmitter unwanted emissions within the 5GHz RLAN bands	± 1.5061 dB
Spurious Emissions, Radiated $25\text{MHz} < f \leq 1\text{GHz}$	3.64 dB
Spurious Emissions, Radiated $1\text{GHz} < f \leq 18\text{GHz}$	3.54 dB
Spurious Emissions, Radiated $1\text{GHz} < f \leq 40\text{GHz}$	3.58 dB
Temperature	± 0.3 °C
Supply voltages	± 1.3 %
Time	± 0.07 v

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
Nominal centre frequencies	Normal & Extreme	34%~45%	AC 230V/50Hz	Thacker Tang
RF output power	Normal & Extreme	34%~45%	AC 230V/50Hz	Thacker Tang
Power spectral density	16.8°C~18.2°C	34%~45%	AC 230V/50Hz	Thacker Tang
Transmitter unwanted emissions outside the 6 GHz WAS/RLAN band	16.4°C~18.1°C	39%~40%	AC 230V/50Hz	Nicole Yan
Transmitter unwanted emissions within the 6 GHz WAS/RLAN band	16.8°C~18.2°C	34%~45%	AC 230V/50Hz	Thacker Tang
Receiver spurious emissions	18.1°C	39%	AC 230V/50Hz	Nicole Yan
Channel access mechanism	19°C	48%	AC 230V/50Hz	Terry Deng
Receiver blocking	22°C	53%	AC 230V/50Hz	Terry Deng
Receiver selectivity	19°C	48%	AC 230V/50Hz	Terry Deng

1.4 TEST CHANNEL

IEEE 802.11ax(HE20) / IEEE 802.11be(EHT20)		
Test Channel	EUT Channel	Test Frequency
Low	CH01	5955 MHz
High	CH93	6415 MHz

IEEE 802.11ax(HE40) / IEEE 802.11be(EHT40)		
Test Channel	EUT Channel	Test Frequency
Low	CH03	5965 MHz
High	CH91	6405 MHz

IEEE 802.11ax(HE80) / IEEE 802.11be(EHT80)		
Test Channel	EUT Channel	Test Frequency
Low	CH07	5985 MHz
High	CH87	6385 MHz

IEEE 802.11ax(HE160) / IEEE 802.11be(EHT160)		
Test Channel	EUT Channel	Test Frequency
Low	CH15	6025 MHz
High	CH79	6345 MHz

IEEE 802.11be(EHT320)		
Test Channel	EUT Channel	Test Frequency
Low	CH31	6105 MHz
High	CH63	6265 MHz

1.5 TEST METHODOLOGY AND RESULTS

Harmonised Standard ETSI EN 303 687					
Requirement			Requirement Conditionality		Observations
No	Description	Reference: Clause No	U/C	Condition	
1	Nominal centre frequencies/nominal bandwidth	4.3.1	U	-	Pass
2	RF output power	4.3.2	U	-	Pass
3	PSD	4.3.3.2	U	-	Pass
4	VLP NB usage with a PSD above 1 dBm/MHz	4.3.3.3	C	Where supported by the VLP equipment.	N/A
5	Transmitter unwanted emissions outside the 6 GHz WAS/RLAN band	4.3.4.1, 4.3.4.2	U	-	Pass
6	Transmitter unwanted emissions within the 6 GHz WAS/RLAN band	4.3.4.3.2.1	U	-	Pass
		4.3.4.3.2.2	C	Where multi-channel operation in adjacent channels is supported	N/A
		4.3.4.3.2.3	C	Where multi-channel operation in non-adjacent channels is supported	N/A
7	Receiver spurious emissions	4.3.5	U	-	Pass
8	Channel access mechanism for FBE	4.3.6.3.1	C	Where devices operate as FBE	N/A
9	Channel access mechanism for LBE	4.3.6.3.2	C	Where devices operate as LBE	Pass
10	Receiver blocking	4.3.7	U	-	Pass
11	Receiver selectivity	4.3.8	U	-	Pass
12	Mechanical and electrical design	4.3.9	U	-	Pass (Note 3)
13	User Access Restrictions	4.3.10	U	-	Pass (Note 4)

Note:

1. U/C Indicates whether the requirement is unconditionally applicable (U) or is conditional upon the manufacturer's claimed functionality of the equipment (C).
2. "N/A" indicates that it does not apply to this device.
3. Equipment categories:
 - a) LPI category device
 - LPI AP/bridge sub-category device
 - Supplied from a wired connection
 - Designed with one or more integral antenna(s)
(LPI AP/bridge sub-category devices shall be supplied from a wired connection and shall not be battery powered. And LPI AP/bridge sub-category devices shall be designed with one or more integral antenna(s) as a fixed part of the equipment, i.e., without externally accessible connectors to prevent the connection of another antenna by a user.)
 - LPI client sub-category device
 - b) VLP category device
4. The UUT does not provide options that allow automatic or manual adjustment of limits and/or requirements for those items identified below:
 - The channel access mechanism requirements, as defined in clause 4.3.6 (EN 303 687), in particular the ED thresholds defined in clause 4.3.6.3.3 (EN 303 687).
 - Integral antenna requirement in clause 4.3.9.2.2 (EN 303 687) for LPI AP/bridge sub-category devices.

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	XGS-PON ONT
Brand Name	ZTE
Test Model	ZXHN F8748Q
Series Model	N/A
Model Difference(s)	N/A
Power Source	DC Voltage supplied from AC/DC adapter Brand/Model:Meic/ MN0369-E120300
Power Rating	I/P: 100-240V~50/60Hz 1.0A Max O/P: 12.0V---3.0A 36.0W
Operation Frequency Band(s)	5945 MHz ~ 6425 MHz
Modulation Type	IEEE 802.11ax: OFDMA IEEE 802.11be: OFDMA
Bit Rate of Transmitter	IEEE 802.11ax: up to 4804 Mbps IEEE 802.11be: up to 11528 Mbps
Max. e.i.r.p. _Non Beamforming	IEEE 802.11ax(HE20):20.87 dBm (122.18 mW) IEEE 802.11ax(HE40): 22.99 dBm (199.07 mW) IEEE 802.11ax(HE80): 22.98 dBm (198.61 mW) IEEE 802.11ax(HE160): 22.86 dBm (193.20 mW) IEEE 802.11be(EHT20): 20.92 dBm (123.59 mW) IEEE 802.11be(EHT40): 22.97 dBm (198.15 mW) IEEE 802.11be(EHT80): 22.99 dBm (199.07 mW) IEEE 802.11be(EHT160): 22.94 dBm (196.79 mW) IEEE 802.11be(EHT320): 22.97 dBm (198.15 mW)
Max. e.i.r.p. _Beamforming	IEEE 802.11ax(HE20): 20.81 dBm (120.50 mW) IEEE 802.11ax(HE40): 22.99 dBm (199.07 mW) IEEE 802.11ax(HE80): 22.91 dBm (195.43 mW) IEEE 802.11ax(HE160): 22.82 dBm (191.43 mW) IEEE 802.11be(EHT20): 20.89 dBm (122.74 mW) IEEE 802.11be(EHT40): 23.00 dBm (199.53 mW) IEEE 802.11be(EHT80): 22.93 dBm (196.34 mW) IEEE 802.11be(EHT160): 22.90 dBm (194.98 mW) IEEE 802.11be(EHT320): 22.91 dBm (195.43 mW)

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. Channel List:

Band 5					
IEEE 802.11ax(HE20)/IEEE 802.11be(EHT20)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5955	33	6115	65	6275
5	5975	37	6135	69	6295
9	5995	41	6155	73	6315
13	6015	45	6175	77	6335
17	6035	49	6195	81	6355
21	6055	53	6215	85	6375
25	6075	57	6235	89	6395
29	6095	61	6255	93	6415

Band 5					
IEEE 802.11ax(HE40)/IEEE 802.11be(EHT40)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	5965	35	6125	67	6285
11	6005	43	6165	75	6325
19	6045	51	6205	83	6365
27	6085	59	6245	91	6405

Band 5					
IEEE 802.11ax(HE80)/IEEE 802.11be(EHT80)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
7	5985	39	6145	71	6305
23	6065	55	6225	87	6385

Band 5					
IEEE 802.11ax(HE160)/IEEE 802.11be(EHT160)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
15	6025	47	6185	79	6345

Band 5	
IEEE 802.11be(EHT320)	
Channel	Frequency (MHz)
31	6105
63	6265

3. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
5	Angeei	N/A	Dipole	IPEX	3.9
6	Angeei	N/A	Dipole	IPEX	3.9
7	Angeei	N/A	Dipole	IPEX	3.9
8	Angeei	N/A	Dipole	IPEX	3.9

Note:

- 1) The EUT incorporates MIMO function. Physically, the EUT provides three completed transmitters and receivers (4T4R).
- 2) Beamforming Gain: 3 dBi.
- 3) The antenna gain and beamforming gain are provided by the manufacturer.

4. The worst case for 4TX as follow:

Non Beamforming & Beamforming:

Operating Mode	TX Mode	Ant. 1+Ant. 2+Ant. 3+Ant. 4
	IEEE 802.11ax(HE20)	✓
	IEEE 802.11ax(HE40)	✓
	IEEE 802.11ax(HE80)	✓
	IEEE 802.11ax(HE160)	✓
	IEEE 802.11be(EHT20)	✓
	IEEE 802.11be(EHT40)	✓
	IEEE 802.11be(EHT80)	✓
	IEEE 802.11be(EHT160)	✓
	IEEE 802.11be(EHT320)	✓

2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Test	Clause	Test channels
Nominal centre frequencies	5.4.2	One of the declared channels.
RF output power	5.4.3	The lowest and highest declared channel for every declared nominal bandwidth. For VLP NB operation see note 2 below.
Power spectral density	5.4.4	The lowest and highest declared channels for the lowest nominal bandwidth. For VLP NB operation see note 2 below.
Transmitter unwanted emissions outside the 6 GHz WAS/RLAN band	5.4.5	Out-of-band domain: The lowest and highest declared channel for every declared nominal bandwidth. For VLP NB operation see note 2 below Spurious domain: One of the declared channels For VLP NB operation see note 1 below.
Transmitter unwanted emissions within the 6 GHz WAS/RLAN band	5.4.6	For single channel operation: the lowest and highest declared channels for the 20 MHz nominal bandwidth. For VLP NB operation see note 2 below. For multi-channel operation in adjacent channels: where transmission occurs in all adjacent channels the lowest and highest declared channel for every declared nominal bandwidth (N). For multi-channel operation in adjacent channels where one or more of the adjacent channels is not used for transmission the highest declared channel for the highest declared nominal bandwidth. Channel transmission configurations to show each of the supported masks in figure 2, figure 3 and figure 4. For multi-channel operation in non-adjacent channels: each set of grouped channels will be treated individually and testing is covered by the multi-channel operation in adjacent channels above.
Receiver spurious emissions	5.4.7	One of the declared channels. For VLP NB operation see note 1 below.
Channel access mechanism	5.4.8	One channel (in case of single channel testing) or a group of channels (in case of multi-channel testing) out of the declared channels. For VLP NB operation see note 1 below.
Receiver blocking	5.4.9	The lowest and the highest declared channels at the lowest supported nominal bandwidth, see also 5.4.9.1. For VLP NB operation see note 2 and note 3 below.
Receiver selectivity	5.4.10	The lowest and the highest declared channels within the range 5 985 MHz to 6 385 MHz at the lowest supported nominal bandwidth, see also 5.4.10.1. For VLP NB operation see note 2 and note 3 below.

Test	Clause	Test channels
Mechanical and electrical design	5.4.11	Not applicable. Visual inspection only.
VLP NB usage with a PSD above 1 dBm/MHz	5.4.12	For duty cycle measurements: See note 2 below. For number of hop frequency measurements: Normal operational mode with no blacklisting.
User Access Restrictions	5.4.13	Not applicable. Visual inspection only.

Note :

- (1) For VLP NB operation one of the supported centre frequencies, see clause 5.4.1, item b).
- (2) For VLP NB operation test 1) the lowest supported centre frequency within the lowest 20 MHz channel where NB transmissions occur and 2) the highest supported centre frequency within the highest 20 MHz channel where NB transmissions occur. These NB transmissions shall be tested at the centre frequencies at all the bandwidths for these NB transmissions, see also clause 5.4.1 item b).
- (3) Receiver blocking and receiver selectivity need only be tested at the lowest supported transmission bandwidth. For receiver selectivity the lowest and highest supported centre frequencies are selected from within the range 5 985 MHz to 6 385 MHz. Receiver blocking and receiver selectivity may be tested in normal operational mode (potentially using multiple hop frequencies).
- (4) The measurements for RF Output Power are tested, the Non Beamforming and Beamforming are recorded in the report. only the worst case is documented for other test items.
- (5) For radiated spurious emissions below 1 GHz test, the IEEE 802.11be(EHT40) channel 91 is found to be the worst case and recorded.
- (6) IEEE 802.11ax mode and IEEE 802.11be mode only supports full RU, so only the full RU is evaluated and measured inside report.
- (7) Except for radiation emissions, the results of all test items include cable losses. All cable losses are provided by the testing laboratory.
- (8) For 18-26GHz,the worst case are IEEE 802.11be(EHT40) channel 03/91,only the worst cases are documented in report.

2.3 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

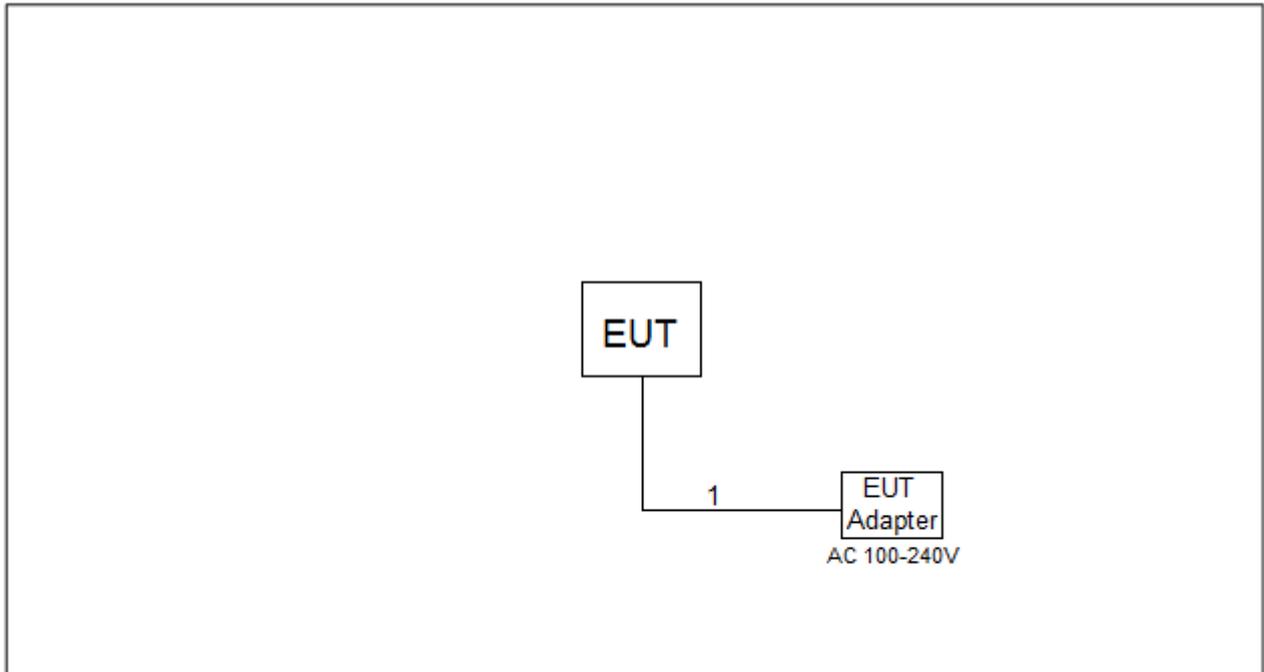
Non Beamforming

Test Software Version	QATool_20221007C	
Frequency (MHz)	5955	6415
IEEE 802.11ax(HE20)	8	8
IEEE 802.11be(EHT20)	8	8
Frequency (MHz)	5965	6405
IEEE 802.11ax(HE40)	10	10
IEEE 802.11be(EHT40)	10	10
Frequency (MHz)	5985	6385
IEEE 802.11ax(HE80)	10	10
IEEE 802.11be(EHT80)	10	10
Frequency (MHz)	6025	6345
IEEE 802.11ax(HE160)	9.5	9
IEEE 802.11be(EHT160)	9.5	9
Frequency (MHz)	6105	6265
IEEE 802.11be(EHT320)	9	9

Beamforming

Test Software Version	QATool_20221007C	
Frequency (MHz)	5955	6415
IEEE 802.11ax(HE20)	5	5
IEEE 802.11be(EHT20)	5	5
Frequency (MHz)	5965	6405
IEEE 802.11ax(HE40)	7	7
IEEE 802.11be(EHT40)	7	7
Frequency (MHz)	5985	6385
IEEE 802.11ax(HE80)	7	7
IEEE 802.11be(EHT80)	7	7
Frequency (MHz)	6025	6345
IEEE 802.11ax(HE160)	6.5	6
IEEE 802.11be(EHT160)	6.5	6
Frequency (MHz)	6105	6265
IEEE 802.11be(EHT320)	6	6

2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.5 DESCRIPTION OF SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Brand	Model No.
A	adapter	Meic	MN0369-E120300

Item	Cable Type	Shielded Type	Ferrite Core	Length	Calibrated until
1	DC Cable	NO	NO	1.5M	N/A

2.6 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

3. NOMINAL CENTRE FREQUENCIES AND NOMINAL BANDWIDTH

3.1 LIMIT

Clause	Test Item	Limit
4.3.1	Centre Frequencies	F(c) \pm 20ppm

3.2 TEST PROCEDURES

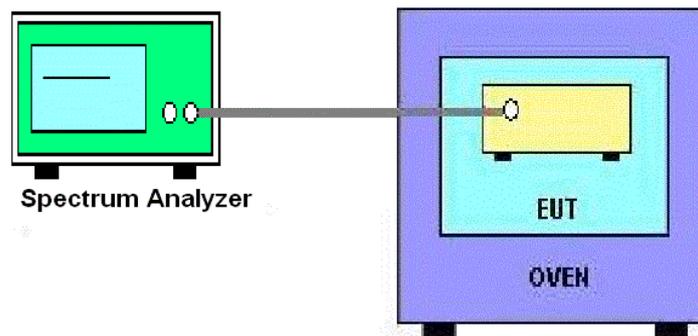
Refer to ETSI EN 303 687, clause 5.4.2.2.1.

3.3 TEST SETUP LAYOUT

Normal Condition



Extreme Condition



3.4 TEST DEVIATION

There is no deviation with the original standard.

3.5 EUT OPERATION DURING TEST

The measurements shall be performed during continuously transmitting.

3.6 TEST RESULTS

Please refer to the Appendix A.

4. RF OUTPUT POWER

4.1 LIMIT

Mean EIRP limit for RF output power		
Frequency Range (MHz)	Level (dBm)	
	LPI usage	VLP usage
5945 to 6425	23	14

4.2 TEST PROCEDURES

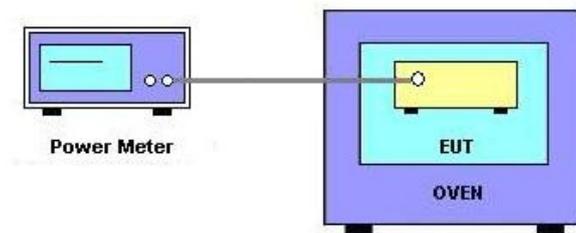
Refer to ETSI EN 303 687, clause 5.4.3.2.1.

4.3 TEST SETUP LAYOUT

Normal Condition



Extreme Condition



4.4 TEST DEVIATION

There is no deviation with the original standard.

4.5 EUT OPERATION DURING TEST

The measurements shall be performed during continuously transmitting.

4.6 TEST RESULTS

Please refer to the Appendix B.

5. POWER SPECTRAL DENSITY

5.1 LIMIT

Mean EIRP density limit			
Frequency Range (MHz)	Level (dBm/MHz)		
	LPI usage	VLP usage	VLP NB usage
5945 to 6425	10	1	10 (See note)

Note:

The duty cycle of NarrowBand (NB) transmissions by a VLP device with a PSD above 1 dBm/MHz shall not exceed 1/15 on any transmission frequency.

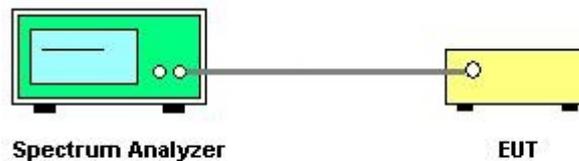
NB devices require a frequency hopping mechanism based on at least 15 hop frequencies and meet the above duty cycle to operate at a PSD value above 1 dBm/MHz.

NOTE: Frequency hopping in the context of the present document implies the use of the channel access mechanisms and channelization as defined in the present document.

5.2 TEST PROCEDURES

Refer to ETSI EN 303 687, clause 5.4.4.2.1.

5.3 TEST SETUP LAYOUT



5.4 TEST DEVIATION

There is no deviation with the original standard.

5.5 EUT OPERATION DURING TEST

The measurements shall be performed during continuously transmitting.

5.6 TEST RESULTS

Please refer to the Appendix C.

6. TRANSMITTER UNWANTED EMISSIONS OUTSIDE THE 6 GHZ WAS/RLAN BAND

6.1 LIMIT

Transmitter unwanted emissions in the out-of-band domain							
Clause	Limit						
4.3.4.1	Equipment	Frequency (MHz)	Limit	Out-of-band/spurious domain boundary separation from the nominal centre frequency under test (where applicable)			
				N < 100 MHz	N ≥ 100 MHz		
	LPI	< 5 935	-22 dBm/MHz	Spectral power mask as defined by application of figure 1 and figure 2 (as applicable) in clause 4.3.4.3.2. -45 dBm/MHz (see note)	±250 % × N	±150 % × N + 100 MHz	
		> 6 425	Spectral power mask as defined by application of figure 1 and figure 2 (as applicable) in clause 4.3.4.3.2.				
	VLP	< 5 935	-45 dBm/MHz (see note)				
		> 6 425	Spectral power mask as defined by application of figure 1 and figure 2 (as applicable) in clause 4.3.4.3.2.				
NOTE: See also Commission Implementing Decision (EU) 2021/1067 of 17.6.2021 [i.11], table 2, note 3.							

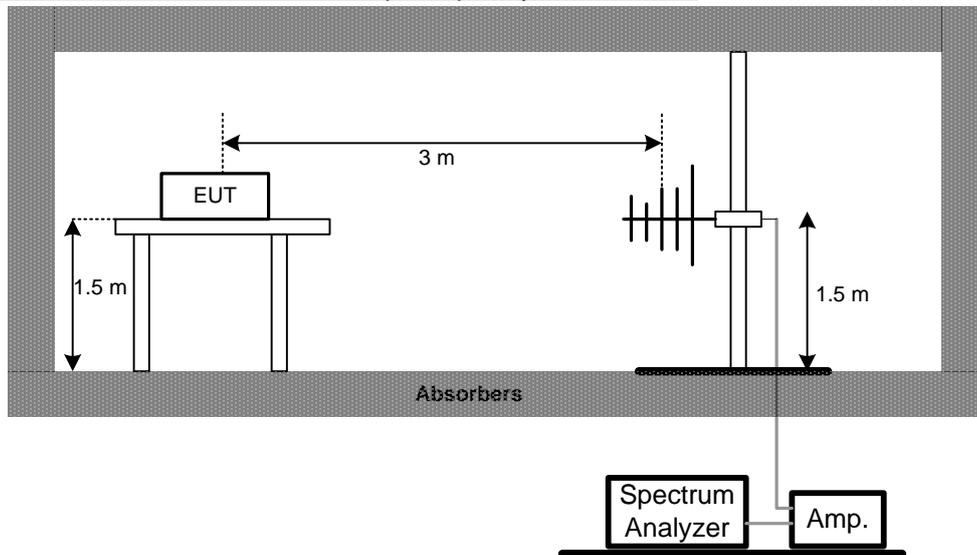
Transmitter unwanted emissions in the spurious domain			
Clause	Limit		
4.3.4.2	Frequency range	Maximum power	Measurement bandwidth
	30 MHz ≤ f < 87,5 MHz	-36 dBm	100 kHz
	87,5 MHz ≤ f ≤ 118 MHz	-54 dBm	100 kHz
	118 MHz < f < 174 MHz	-36 dBm	100 kHz
	174 MHz ≤ f ≤ 230 MHz	-54 dBm	100 kHz
	230 MHz < f < 470 MHz	-36 dBm	100 kHz
	470 MHz ≤ f ≤ 694 MHz	-54 dBm	100 kHz
	694 MHz < f ≤ 1 GHz	-36 dBm	100 kHz
	1 GHz < f ≤ 26 GHz	-30 dBm	1 MHz
NOTE: Information in this table is based on ERC Recommendation 74-01 [i.10], annex 2, table 6.			

6.2 TEST PROCEDURES

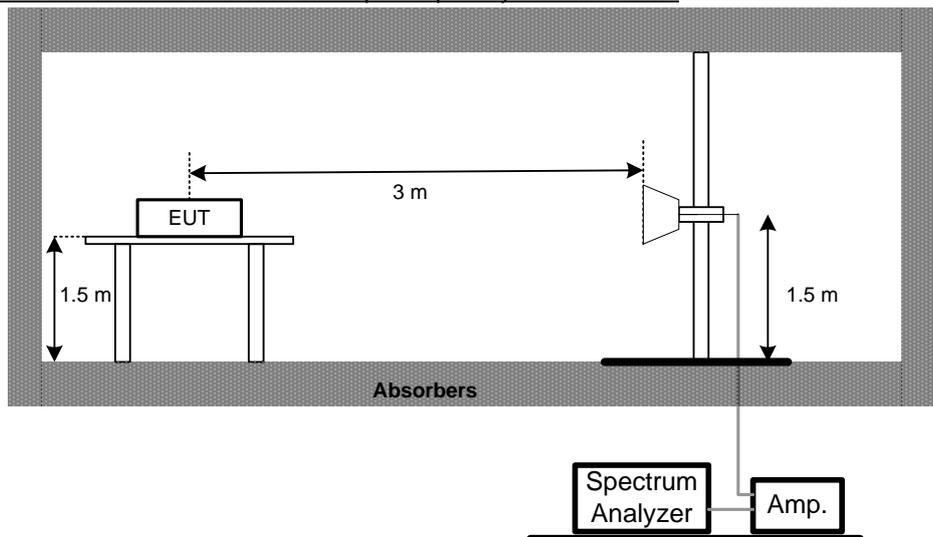
Refer to ETSI EN 303 687, clause 5.4.5.2.2.

6.3 TEST SETUP LAYOUT

Emission Radiated Measurement Test Set-Up Frequency Below 1 GHz



Emission Radiated Measurement Test Set-Up Frequency Above 1 GHz



6.4 TEST DEVIATION

There is no deviation with the original standard.

6.5 EUT OPERATION DURING TEST

The measurements shall be performed during continuously transmitting.

6.6 TEST RESULTS (30MHZ TO 1000MHZ)

Please refer to the Appendix D.

6.7 TEST RESULTS (ABOVE 1000MHZ)

Please refer to the Appendix E.

7. TRANSMITTER UNWANTED EMISSIONS WITHIN THE 6 GHZ WAS/RLAN BAND

7.1 LIMIT

Clause	Test Item	Limit
4.3.4.3	Transmitter unwanted emissions within the 6 GHz WAS/RLAN band	Refer to ETSI EN 303 687, clause 4.3.4.3.2.

7.2 TEST PROCEDURES

Refer to ETSI EN 303 687, clause 5.4.6.2.1.

7.3 TEST SETUP LAYOUT



7.4 TEST DEVIATION

There is no deviation with the original standard.

7.5 EUT OPERATION DURING TEST

The measurements shall be performed during continuously transmitting.

7.6 TEST RESULTS

Please refer to the Appendix F.

8. RECEIVER SPURIOUS EMISSIONS

8.1 LIMIT

Receiver spurious emissions			
Clause	Limit		
4.3.5	Frequency range	Maximum power	Measurement bandwidth
	30 MHz ≤ f ≤ 1 GHz	-57 dBm	100 kHz
	1 GHz < f ≤ 26 GHz	-47 dBm	1 MHz
NOTE: Information in this table is based on ERC Recommendation 74-01 [i.10], annex 2, table 6.			

8.2 TEST PROCEDURES

Refer to ETSI EN 303 687, clause 5.4.7.2.2.

8.3 TEST SETUP LAYOUT

Please refer to clause 6.3.

8.4 TEST DEVIATION

There is no deviation with the original standard.

8.5 EUT OPERATION DURING TEST

The measurements shall be performed during continuously receiving.

8.6 TEST RESULTS (30 MHZ TO 1000 MHZ)

Please refer to the Appendix G.

8.7 TEST RESULTS (ABOVE 1000 MHZ)

Please refer to the Appendix H.

9. CHANNEL ACCESS MECHANISM

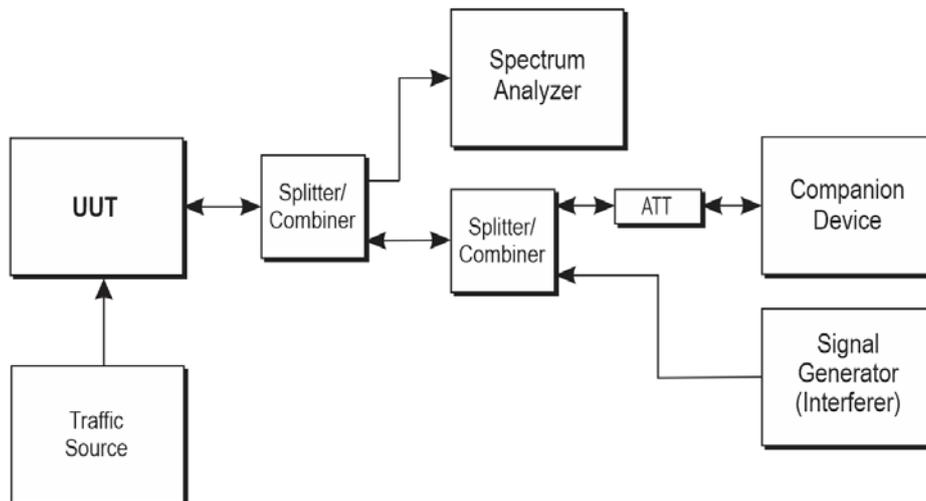
9.1 LIMIT

Clause	Test Item	Limit
4.3.6	Channel access mechanism	Refer to ETSI EN 303 687, clause 4.3.6.3.

9.2 TEST PROCEDURES

Refer to ETSI EN 303 687, clause 5.4.8.3.2.

9.3 TEST SETUP



9.4 TEST DEVIATION

There is no deviation with the original standard.

9.5 EUT OPERATION DURING TEST

The measurements shall be performed during normal operation.

9.6 TEST RESULTS

Please refer to the Appendix I.

10. RECEIVER BLOCKING

10.1 LIMIT

For equipment that supports a PER or FER test to be performed, the minimum performance criterion shall be a PER or FER less than or equal to 10 %.

While maintaining the minimum performance criteria, the blocking levels at specified frequency offsets shall be equal to or greater than the limits defined in table below.

LPI Receiver blocking parameters

Wanted signal mean power from companion device (dBm)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 2)	Type of blocking signal
$P_{\min} + 6 \text{ dB}$	5 895 (See note 3) 6 475	-53	Continuous Wave
$P_{\min} + 6 \text{ dB}$	5 695 (see note 3) 5 795 (see note 3) 6 575 6 675	-47	Continuous Wave

NOTE 1: P_{\min} is the minimum level of the wanted signal (in dBm) required to meet the minimum performance criteria as defined clause 4.3.7.2 in the absence of any blocking signal.

NOTE 2: The levels are specified at the UUT antenna connector(s). In case of radiated measurements on a UUT with an integral antenna equipment without external (temporary) antenna connector(s) provided, the equivalent Power Flux Density (PFD) at the UUT is the ratio of the level specified and the antenna area of the UUT antenna. In case of radiated measurements with a substitution antenna, the equivalent PFD at the said antenna is the ratio of the level specified and the antenna area of the substitution antenna.

NOTE 3: Where the equipment also supports WAS/RLAN operation in the 5 GHz bands compliant with ETSI EN 301 893 [i.12], this frequency is not to be tested.

VLP Receiver Blocking Parameters

Wanted signal mean power from companion device (dBm)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 2)	Type of blocking signal
$P_{\min} + 6 \text{ dB}$	5 895 (See note 3) 6 475	-58	Continuous Wave
$P_{\min} + 6 \text{ dB}$	5 695 (See note 3) 5 795 (See note 3) 6 575 6 675		Continuous Wave

NOTE 1: P_{\min} is the minimum level of the wanted signal (in dBm) required to meet the minimum performance criteria as defined clause 4.3.7.2 in the absence of any blocking signal.

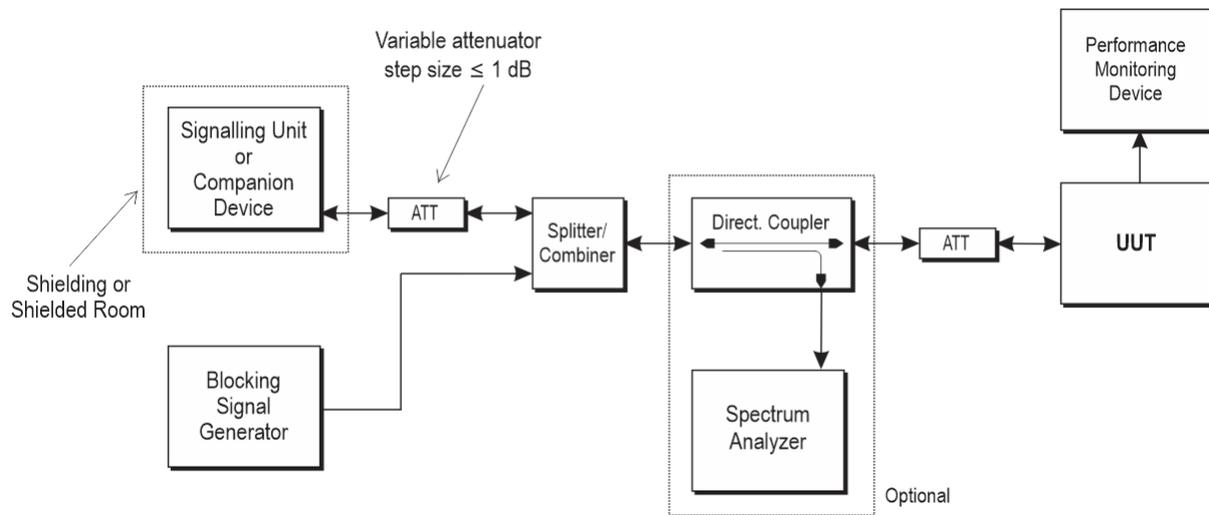
NOTE 2: The levels are specified at the UUT antenna connector(s). In case of radiated measurements on a UUT with an integral antenna equipment without external (temporary) antenna connector(s) provided, the equivalent Power Flux Density (PFD) at the UUT is the ratio of the level specified and the antenna area of the UUT antenna. In case of radiated measurements with a substitution antenna, the equivalent PFD at the said antenna is the ratio of the level specified and the antenna area of the substitution antenna.

NOTE 3: Where the equipment also supports WAS/RLAN operation in the 5 GHz bands compliant with ETSI EN 301 893 [i.12], this frequency is not to be tested.

10.2 TEST PROCEDURES

Refer to ETSI EN 303 687, clause 5.4.9.2.1.

10.3 TEST SETUP



10.4 TEST DEVIATION

There is no deviation with the original standard.

10.5 EUT OPERATION DURING TEST

The measurements shall be performed during normal receiving.

10.6 TEST RESULTS

Please refer to the Appendix J.

11. RECEIVER SELECTIVITY

11.1 LIMIT

For equipment that supports a PER or FER test to be performed, the minimum performance criterion shall be a PER or FER less than or equal to 10 %.

The limits defined below apply when the equipment operates on a single 20 MHz channel and the interfering signal falls completely within the adjacent or alternate adjacent 20 MHz channels.

While maintaining the minimum performance criteria, the interferer signal power level shall be equal to or greater than the limit given in table below corresponding to a frequency offset within the range specified in below.

Wanted signal mean power from companion device (dBm)	Interferer signal frequency offset (MHz)	Interferer signal power (dBm) (see note 2 and note 3)	Type of interferer signal
$P_{\min} + 10$ dB	20 (see note 4)	$P_{\min} + 26$ dB	Same as the wanted signal with an equivalent nominal bandwidth
$P_{\min} + 10$ dB	40 (see note 4)	$P_{\min} + 32$ dB	Same as the wanted signal with an equivalent nominal bandwidth

NOTE 1: P_{\min} is the minimum level of the wanted signal (in dBm) required to meet the minimum performance criteria as defined clause 4.3.8.2 in the absence of any interfering signal.

NOTE 2: The levels are specified at the UUT antenna connector(s). In case of radiated measurements on a UUT with an integral antenna equipment without external (temporary) antenna connector(s) provided, the equivalent Power Flux Density (PFD) at the UUT is the ratio of the level specified and the antenna area of the UUT antenna. In case of radiated measurements with a substitution antenna, the equivalent PFD at the said antenna is the ratio of the level specified and the antenna area of the substitution antenna.

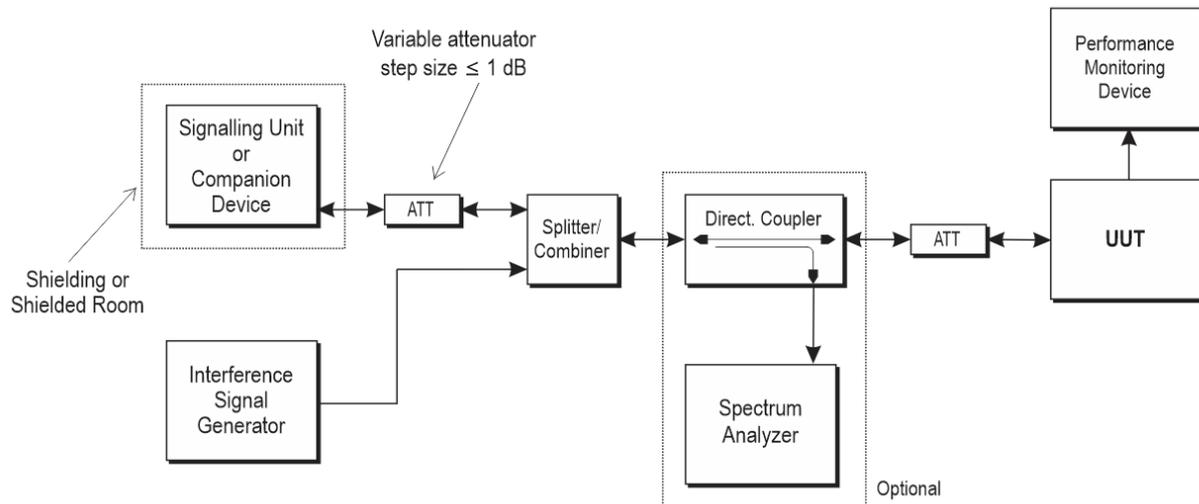
NOTE 3: The level specified for the interferer signal applies at the lowest data rate

NOTE 4: The requirement applies with one interferer signal confined within the range 5 945 MHz to 6 425 MHz for interferer frequencies on either side of the wanted signal. The interferer signal frequency offset is the absolute value of the frequency separation between the interferer centre frequency and the nominal centre frequency of the wanted signal. If the manufacturer decides to make use of the permitted frequency offset of the nominal centre frequency of the wanted signal as specified in clause 4.3.1.3, a maximum offset of the interferer centre frequency offset of ± 200 kHz from the said nominal centre frequencies and a resulting offset of the interferer signal frequency offset of up to ± 400 kHz are also permitted.

11.2 TEST PROCEDURES

Refer to ETSI EN 303 687, clause 5.4.10.2.1.

11.3 TEST SETUP



11.4 TEST DEVIATION

There is no deviation with the original standard.

11.5 EUT OPERATION DURING TEST

The measurements shall be performed during normal receiving.

11.6 TEST RESULTS

Please refer to the Appendix K.

12. VLP NB USAGE WITH A PSD ABOVE 1 DBM/MHZ

12.1 LIMIT

The duty cycle of NarrowBand (NB) transmissions by a VLP device with a PSD above 1 dBm/MHz shall not exceed 1/15 on any transmission frequency.

NB devices require a frequency hopping mechanism based on at least 15 hop frequencies and meet the above duty cycle to operate at a PSD value above 1 dBm/MHz.

NOTE: Frequency hopping in the context of the present document implies the use of the channel access mechanisms and channelization as defined in the present document.

12.2 TEST PROCEDURES

Refer to ETSI EN 303 687, clause 5.4.12.2.1.

12.3 TEST SETUP LAYOUT



12.4 TEST DEVIATION

There is no deviation with the original standard.

12.5 EUT OPERATION DURING TEST

The measurements shall be performed during continuously transmitting.

12.6 TEST RESULTS

Please refer to the Appendix L.

13. MEASUREMENT INSTRUMENTS LIST

Nominal centre frequencies					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EXA Spectrum Analyzer	Keysight	N9010A	MY56480543	Mar. 17, 2024
2	CE 300328&301893 test system	BTL	Ver 1.5736	N/A	N/A
3	Temperature And Humidity Box	Blue pand	BPHS-120B	170616454	Jul. 23, 2024

RF Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	USB Peak and Average Power Sensor	Keysight	U2063XA	MY58000309	Jul. 21, 2024
2	USB Peak and Average Power Sensor	Keysight	U2063XA	MY58000306	Jul. 21, 2024
3	USB Peak and Average Power Sensor	Keysight	U2063XA	MY58000305	Jul. 21, 2024
4	USB Peak and Average Power Sensor	Keysight	U2063XA	MY58000307	Jul. 21, 2024
5	Temperature And Humidity Box	Blue pand	BPHS-120B	170616454	Jul. 23, 2024
6	IOT0047A Wireless IoT Devices Regulatory Compliance Test Solution	Keysight	Ver 23.7.25.17	N/A	N/A

Power spectral density & Transmitter and Receiver Spurious Emission (Conducted Measurement) & Transmitter unwanted emissions within the 6 GHz WAS/RLAN band					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EXA Spectrum Analyzer	Keysight	N9010A	MY56480543	Mar. 17, 2024
2	CE 300328&301893 test system	BTL	Ver 1.5736	N/A	N/A

Receiver selectivity&Receiver blocking					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EXA Spectrum Analyzer	Agilent	N9010A	MY50520044	Dec. 22, 2024
2	MXG Vector Signal Generator	Keysight	N5182B	MY57300568	Jun. 17, 2024
3	Frequency Extender	Keysight	N5182BX07	MY59362506	Jun. 17, 2024
4	Power Splitter	N/A	N/A	SZ201504789	Dec. 22, 2024
5	Power divider	N/A	PD-2SF-2080	N/A	Dec. 22, 2024
6	Power Splitter	N/A	N/A	SZ201504719	Dec. 22, 2024
7	Shielding box	CRYSOUND	CRY703D	N/A	N/A
8	Signal Conditioning Test Set	Keysight	X8749A	MY59400120	N/A
9	Attenuator	STI	STI01-0201-01	N/A	Dec. 22, 2024
10	Attenuator	WOKEN	6SM3502	VAS1214NK	Jun. 16, 2024
11	Attenuator	WOKEN	6SM3502	VAS1214NL	Jun. 16, 2024
12	Cable	RegalWay	S02-181212-208	N/A	N/A
13	Cable	RegalWay	S02-190322-034	N/A	N/A
14	Cable	RegalWay	20210802 016	RWP50-402-SMS M-1M	N/A
15	Cable	RegalWay	20210802 002	RWP50-402-SMS M-1M	N/A
16	DC Block	N/A	N/A	N/A	N/A
17	Power Splitter	Mini-Circuits	ZN4PD-642W-S+	SN806321618-1	Jun. 16, 2024

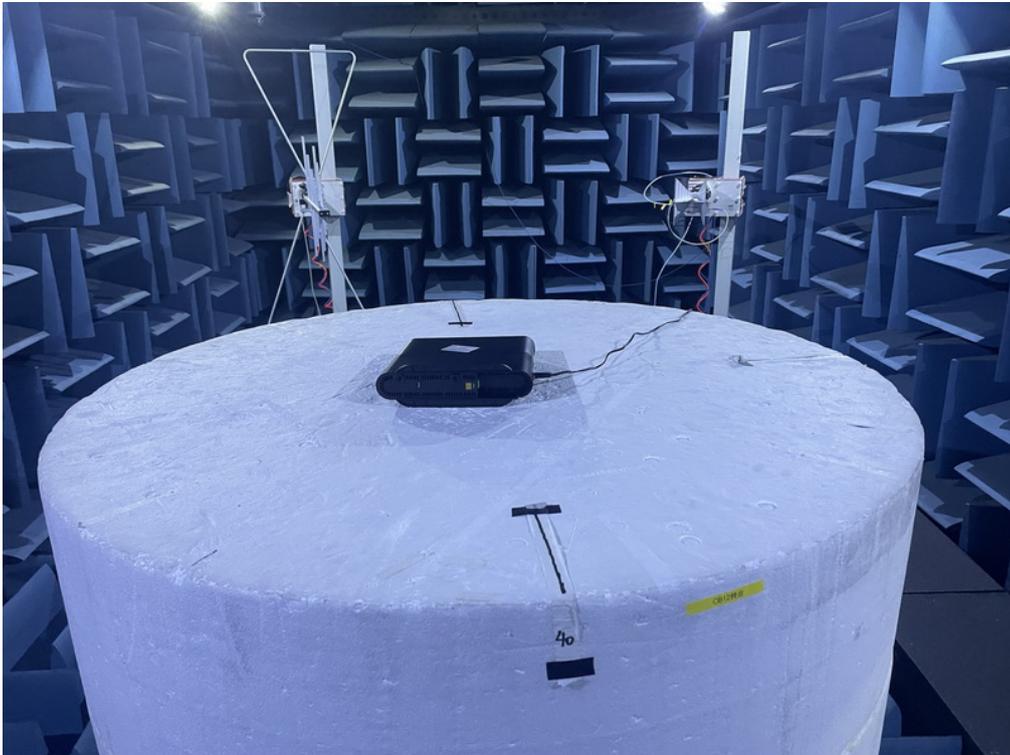
Channel access mechanism					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Band Reject Filter	COM-MW	ZBSF6-C5925-64 25-1105	12205846	Jun. 16, 2024
2	EXA Spectrum Analyzer	Agilent	N9010A	MY50520044	Dec. 22,2024
3	MXG Vector Signal Generator	Keysight	N5182B	MY57300568	Jun. 17, 2024
4	Frequency Extender	Keysight	N5182BX07	MY59362506	Jun. 17, 2024
5	Power Splitter	N/A	N/A	SZ201504789	Dec. 22, 2024
7	Power Splitter	Mini-Circuits	ZN4PD-642W-S+	SN806321618-1	Jun. 16, 2024
8	Power Splitter	N/A	N/A	SZ201504719	Dec. 22, 2024
9	Shielding box	CRYSOUND	CRY703D	N/A	N/A
12	Signal Conditioning Test Set	Keysight	X8749A	MY59400120	N/A
13	Cable	RegalWay	S02-181212-208	N/A	N/A
14	Cable	RegalWay	S02-190322-034	N/A	N/A
15	Cable	RegalWay	20210802 016	RWP50-402-SMS M-1M	N/A
16	Cable	RegalWay	20210802 002	RWP50-402-SMS M-1M	N/A
17	Cable	RegalWay	20210802 005	RWP50-402-SMS M-1M	N/A
18	DC Block	N/A	N/A	N/A	N/A
19	Measurement Software	keysight	IOT0047A	N/A	N/A

Transmitter and Receiver Spurious Emission (Radiated Measurement)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Horn Antenna	EMC Lnstruments corporation	DRH18-E	210801A18ES	Jun. 12, 2024
2	Pre-Amplifier	EMC Lnstruments corporation	EMC118A45SE	980910	Jun. 18, 2024
3	FSV Signal & Spectrum Analyzer	ROHDE&SCHWARZ	FSV3044	101478	Apr. 26, 2024
4	TRILOG Super Broadb Test Antenna	EMC Lnstruments corporation	VULB 9168	1468	Jun. 12, 2024
5	Pre-Amplifier	EMC Lnstruments corporation	EMC330N	980953	Jun. 12, 2024
6	Antenna	Schwarzbeck	BBHA9170	9170-651	Mar. 12, 2024
7	Pre-Amplifier	EMC INSTRUMENT	EMC184045B	980265	Mar. 17, 2024
8	CABLE	emci	EMC107-SM-NM-2500	230533	Jun. 11, 2024
9	CABLE	emci	EMC107-SM-NM-10000	230536	Jun. 11, 2024
10	CABLE	emci	EMC104-SM-SM-2500	170617	Jun. 16, 2024
11	CABLE	emci	EMC107-SM-NM-2500	230534	Jun. 11, 2024
12	CABLE	emci	EMC107-SM-NM-8000	230535	Jun. 11, 2024
13	CABLE	emci	RWP50-4.6A-SM SM-1M	20200928 003	Jun. 15, 2024
14	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Remark: "N/A" denotes no model name, serial no. or calibration specified.

"*" calibration period of equipment list is three year.

Except * item, all calibration period of equipment list is one year.

14. EUT TEST PHOTO**Radiated Emissions Test Photos**

APPENDIX A - CENTRE FREQUENCIES

Test Mode: IEEE 802.11be(EHT320) Mode		
Test Conditions		Measurement Frequency (MHz)
		6105
T nom(°C)	25	6105.00
T min(°C)	0	6105.01
T max(°C)	40	6105.01
Max. Deviation Frequency		0.01
Max. Frequency Error (ppm)		1.64
Limit (ppm)		±20.00
Result		Pass

APPENDIX B - RF OUTPUT POWER

Non Beamforming

Mode	Temp	Freq. (MHz)	Power	Total EIRP (With Duty Factor)	Limit	Results
			dBm	dBm	dBm	
802.11ax20	NT	5955	16.46	20.36	23.00	PASS
		6415	16.83	20.73	23.00	PASS
	LT	5955	16.59	20.49	23.00	PASS
		6415	16.97	20.87	23.00	PASS
	HT	5955	16.34	20.24	23.00	PASS
		6415	16.70	20.60	23.00	PASS
802.11ax40	NT	5965	18.97	22.87	23.00	PASS
		6405	19.00	22.90	23.00	PASS
	LT	5965	19.09	22.99	23.00	PASS
		6405	19.04	22.94	23.00	PASS
	HT	5965	18.84	22.74	23.00	PASS
		6405	18.86	22.76	23.00	PASS
802.11ax80	NT	5985	19.03	22.93	23.00	PASS
		6385	18.88	22.78	23.00	PASS
	LT	5985	19.08	22.98	23.00	PASS
		6385	19.03	22.93	23.00	PASS
	HT	5985	18.91	22.81	23.00	PASS
		6385	18.75	22.65	23.00	PASS
802.11ax160	NT	6025	18.78	22.68	23.00	PASS
		6345	18.83	22.73	23.00	PASS
	LT	6025	18.90	22.80	23.00	PASS
		6345	18.96	22.86	23.00	PASS
	HT	6025	18.64	22.54	23.00	PASS
		6345	18.69	22.59	23.00	PASS
802.11be20	NT	5955	16.65	20.55	23.00	PASS
		6415	16.89	20.79	23.00	PASS
	LT	5955	16.78	20.68	23.00	PASS
		6415	17.02	20.92	23.00	PASS
	HT	5955	16.52	20.42	23.00	PASS
		6415	16.77	20.67	23.00	PASS
802.11be40	NT	5965	19.03	22.93	23.00	PASS
		6405	19.03	22.93	23.00	PASS
	LT	5965	19.07	22.97	23.00	PASS
		6405	19.07	22.97	23.00	PASS
	HT	5965	18.89	22.79	23.00	PASS
		6405	18.89	22.79	23.00	PASS
802.11be80	NT	5985	19.04	22.94	23.00	PASS
		6385	18.95	22.85	23.00	PASS
	LT	5985	19.08	22.98	23.00	PASS
		6385	19.09	22.99	23.00	PASS
	HT	5985	18.90	22.80	23.00	PASS
		6385	18.82	22.72	23.00	PASS
802.11be160	NT	6025	18.88	22.78	23.00	PASS
		6345	18.91	22.81	23.00	PASS
	LT	6025	19.02	22.92	23.00	PASS
		6345	19.04	22.94	23.00	PASS
	HT	6025	18.75	22.65	23.00	PASS
		6345	18.78	22.68	23.00	PASS
802.11be320	NT	6105	18.63	22.53	23.00	PASS
		6265	18.93	22.83	23.00	PASS
	LT	6105	18.77	22.67	23.00	PASS
		6265	19.07	22.97	23.00	PASS
	HT	6105	18.51	22.41	23.00	PASS
		6265	18.80	22.70	23.00	PASS

Note:

- 1) e.i.r.p. = Conducted output power + G (Ant Gain)
- 2) Conducted output power = Measure result + Cable loss
- 3) NT is 25°C, LT is 0°C, HT is 40°C

Beamforming

Mode	Temp	Freq. (MHz)	Power	Total EIRP (With Duty Factor)	Limit	Results
			dBm	dBm	dBm	
802.11ax40	NT	5965	15.93	22.83	23.00	PASS
		6405	15.96	22.86	23.00	PASS
	LT	5965	16.06	22.96	23.00	PASS
		6405	16.09	22.99	23.00	PASS
	HT	5965	15.79	22.69	23.00	PASS
		6405	15.83	22.73	23.00	PASS
802.11ax80	NT	5985	15.97	22.87	23.00	PASS
		6385	15.84	22.74	23.00	PASS
	LT	5985	16.01	22.91	23.00	PASS
		6385	15.96	22.86	23.00	PASS
	HT	5985	15.83	22.73	23.00	PASS
		6385	15.70	22.60	23.00	PASS
802.11ax160	NT	6025	15.73	22.63	23.00	PASS
		6345	15.79	22.69	23.00	PASS
	LT	6025	15.87	22.77	23.00	PASS
		6345	15.92	22.82	23.00	PASS
	HT	6025	15.59	22.49	23.00	PASS
		6345	15.66	22.56	23.00	PASS
802.11be20	NT	5955	13.58	20.48	23.00	PASS
		6415	13.86	20.76	23.00	PASS
	LT	5955	13.73	20.63	23.00	PASS
		6415	13.99	20.89	23.00	PASS
	HT	5955	13.45	20.35	23.00	PASS
		6415	13.71	20.61	23.00	PASS
802.11be40	NT	5965	15.97	22.87	23.00	PASS
		6405	15.97	22.87	23.00	PASS
	LT	5965	16.00	22.90	23.00	PASS
		6405	16.10	23.00	23.00	PASS
	HT	5965	15.83	22.73	23.00	PASS
		6405	15.83	22.73	23.00	PASS
802.11be80	NT	5985	15.99	22.89	23.00	PASS
		6385	15.90	22.80	23.00	PASS
	LT	5985	16.03	22.93	23.00	PASS
		6385	16.03	22.93	23.00	PASS
	HT	5985	15.86	22.76	23.00	PASS
		6385	15.77	22.67	23.00	PASS
802.11be160	NT	6025	15.86	22.76	23.00	PASS
		6345	15.86	22.76	23.00	PASS
	LT	6025	16.00	22.90	23.00	PASS
		6345	16.00	22.90	23.00	PASS
	HT	6025	15.72	22.62	23.00	PASS
		6345	15.73	22.63	23.00	PASS
802.11be320	NT	6105	15.58	22.48	23.00	PASS
		6265	15.88	22.78	23.00	PASS
	LT	6105	15.70	22.60	23.00	PASS
		6265	16.01	22.91	23.00	PASS
	HT	6105	15.44	22.34	23.00	PASS
		6265	15.75	22.65	23.00	PASS

Note:

- 1) e.i.r.p. = Conducted output power + G (Ant Gain) + Y (Beamforming Gain)
- 2) Conducted output power = Measure result + Cable loss
- 3) NT is 25°C, LT is 0°C, HT is 40°C

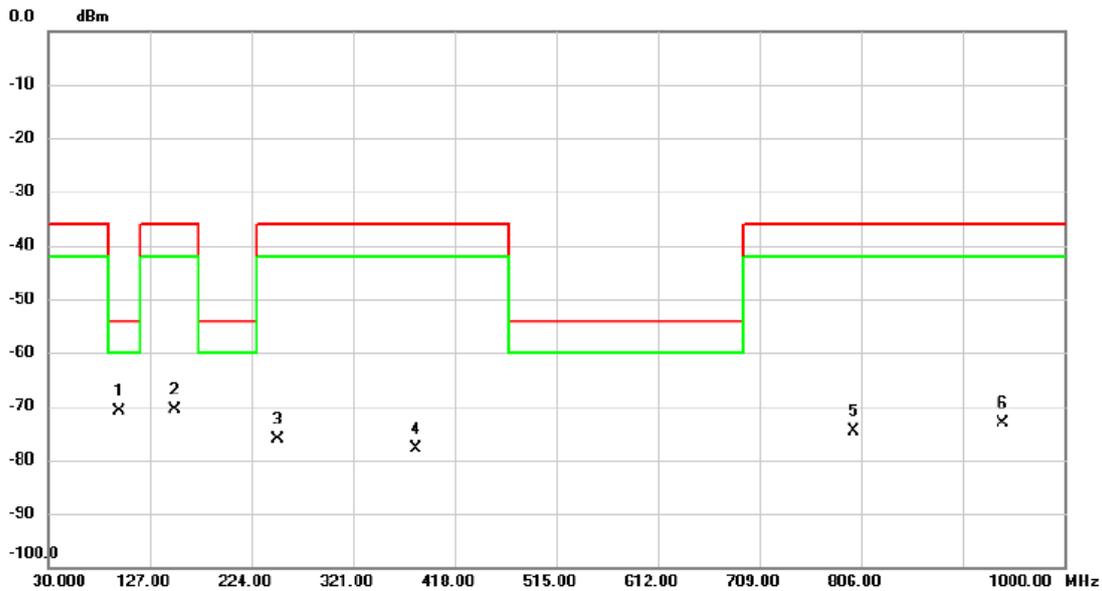
APPENDIX C - POWER SPECTRAL DENSITY

Test Mode: IEEE 802.11ax(HE20) Mode			
Test Conditions		Spectral Power Density e.i.r.p. (dBm / MHz)	
		5955 MHz	6415 MHz
T nom (°C)	25	6.02	8.47
Limit		10	
Result		Pass	

Test Mode: IEEE 802.11be(EHT20) Mode			
Test Conditions		Spectral Power Density e.i.r.p. (dBm / MHz)	
		5955 MHz	6415 MHz
T nom (°C)	25	9.56	9.51
Limit		10	
Result		Pass	

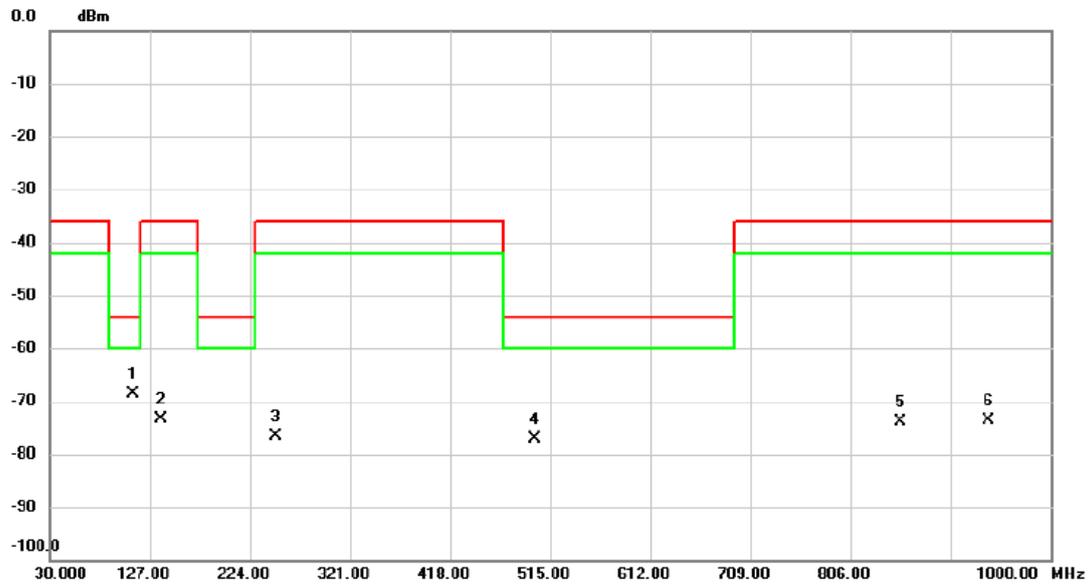
APPENDIX D - TRANSMITTER UNWANTED EMISSIONS OUTSIDE THE 6 GHZ WAS/RLAN BAND (30MHZ TO 1000MHZ)

Test Mode	TX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Vertical
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	97.9000	-65.95	-4.85	-70.80	-54.00	-16.80	RMS	
2		151.2500	-69.49	-1.06	-70.55	-36.00	-34.55	RMS	
3		249.7050	-71.49	-4.75	-76.24	-36.00	-40.24	RMS	
4		380.6550	-76.59	-1.33	-77.92	-36.00	-41.92	RMS	
5		798.7250	-80.95	6.27	-74.68	-36.00	-38.68	RMS	
6		941.3150	-81.13	8.13	-73.00	-36.00	-37.00	RMS	

Test Mode	TX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Horizontal
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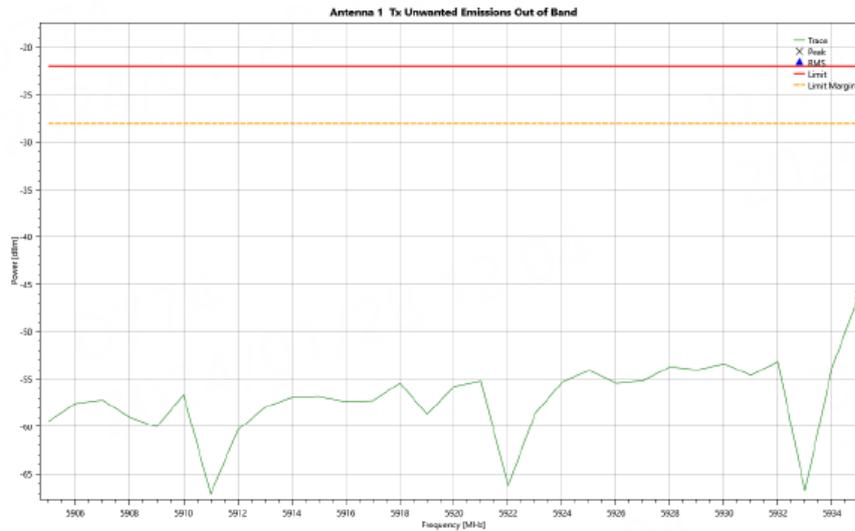
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1 *	110.5100	-62.82	-5.90	-68.72	-54.00	-14.72	RMS	
2	138.1550	-70.97	-2.37	-73.34	-36.00	-37.34	RMS	
3	249.7050	-71.94	-4.61	-76.55	-36.00	-40.55	RMS	
4	499.9650	-77.65	0.43	-77.22	-54.00	-23.22	RMS	
5	854.5000	-80.60	6.68	-73.92	-36.00	-37.92	RMS	
6	939.3750	-81.59	8.05	-73.54	-36.00	-37.54	RMS	

APPENDIX E - TRANSMITTER UNWANTED EMISSIONS OUTSIDE THE 6 GHZ WAS/RLAN BAND (ABOVE 1000MHZ)

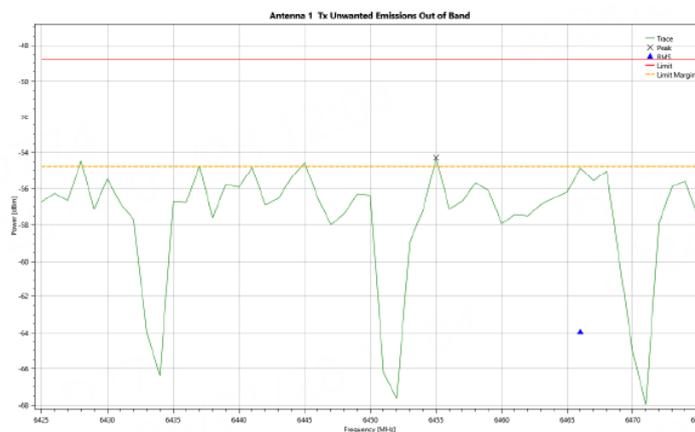
Out-of-band domain

Test Mode TX Mode IEEE 802.11ax(HE20)

TX Mode_5955MHz Ant.1



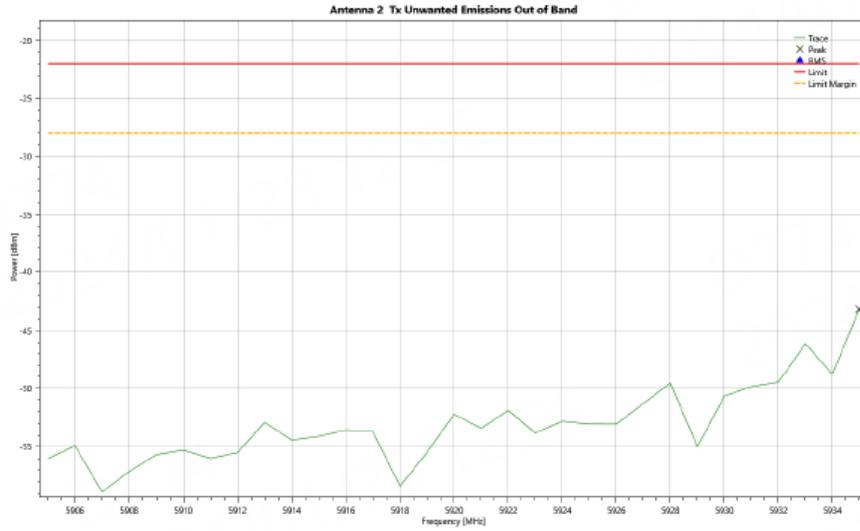
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-46.12	-22.00	-24.12	Pass



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,455.00	-54.28	-48.76	-5.52	Fail

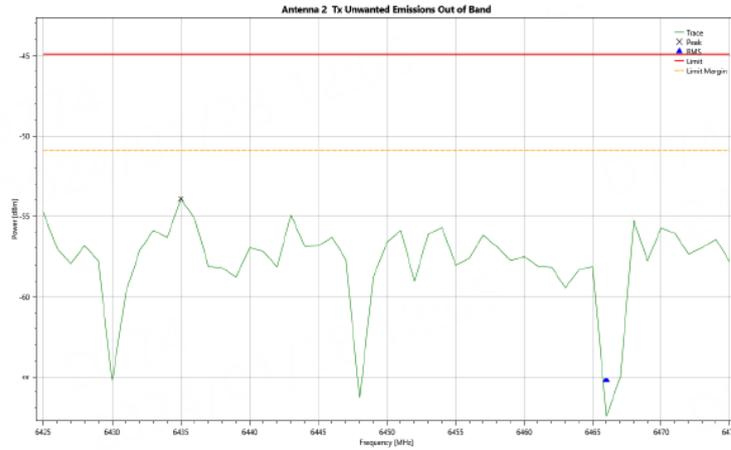
RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,466.00	-63.98	-48.76	-15.22	Pass

Ant.2



Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-43.17	-22.00	-21.17	Pass



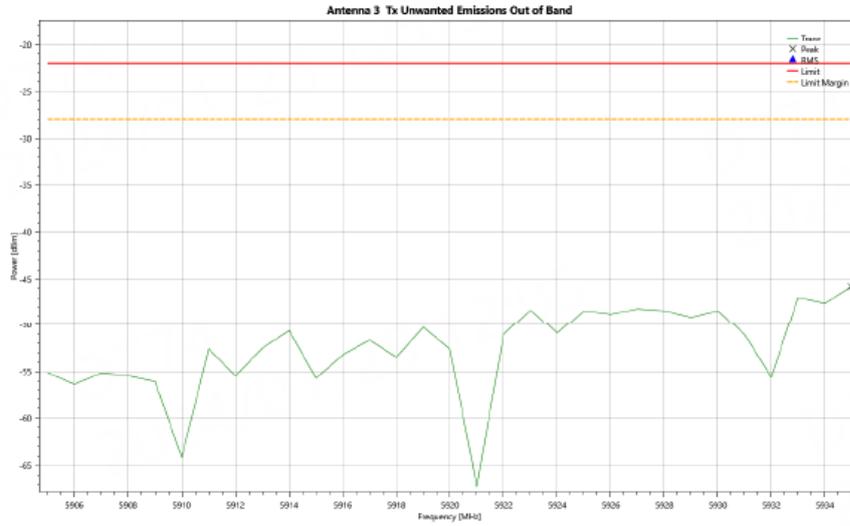
Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,435.00	-53.95	-44.92	-9.03	Pass

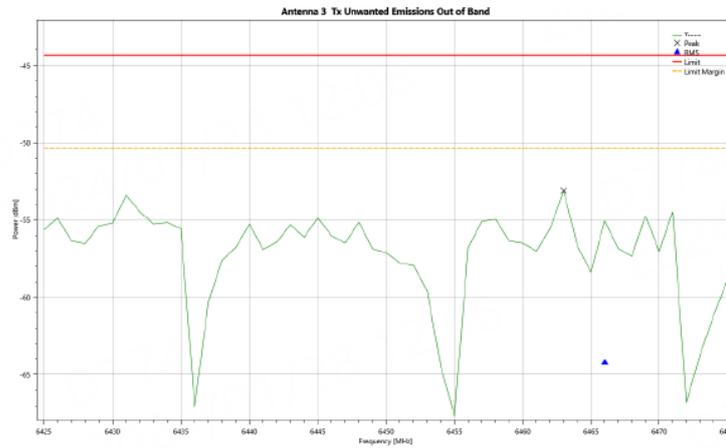
RMS

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,465.99	-65.27	-44.92	-20.35	Pass

Ant.3



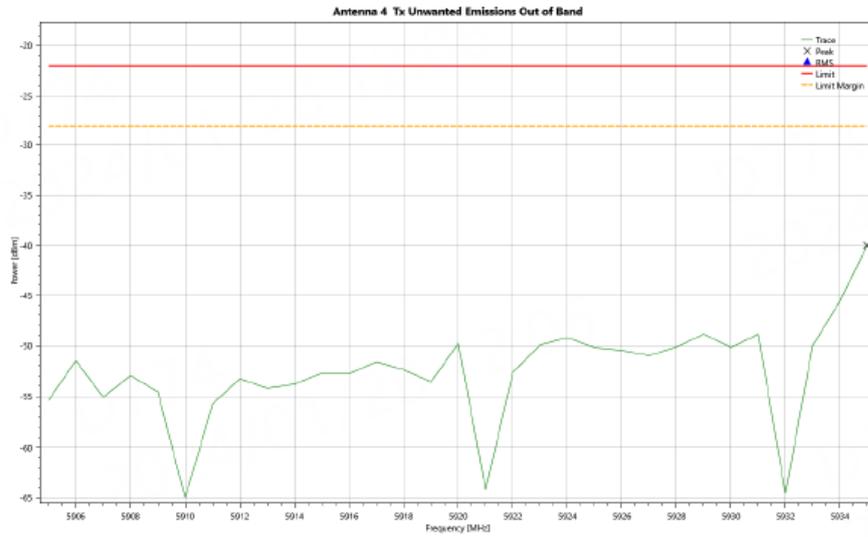
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-45.80	-22.00	-23.80	Pass



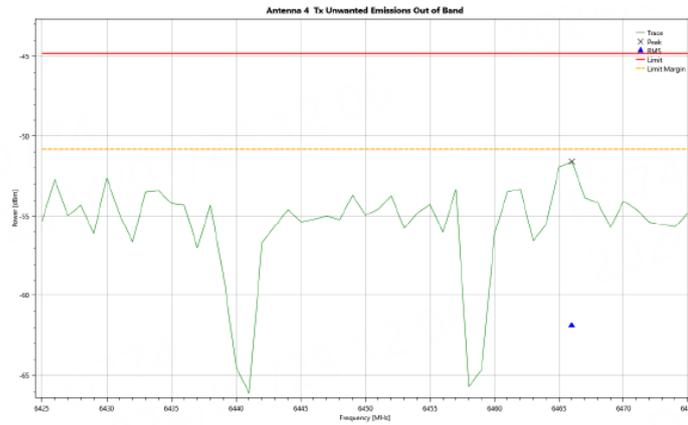
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,463.00	-53.07	-44.33	-8.74	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,466.02	-64.23	-44.33	-19.90	Pass

Ant.4



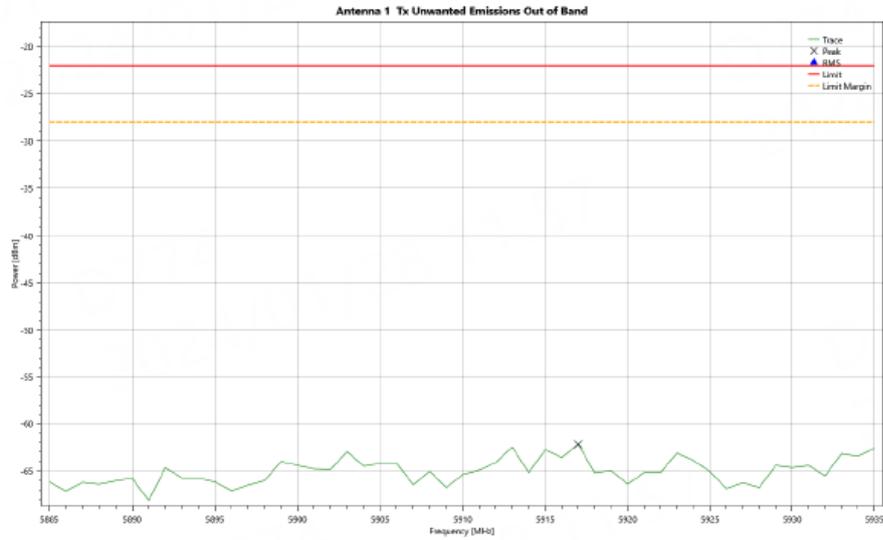
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-39.99	-22.00	-17.99	Pass



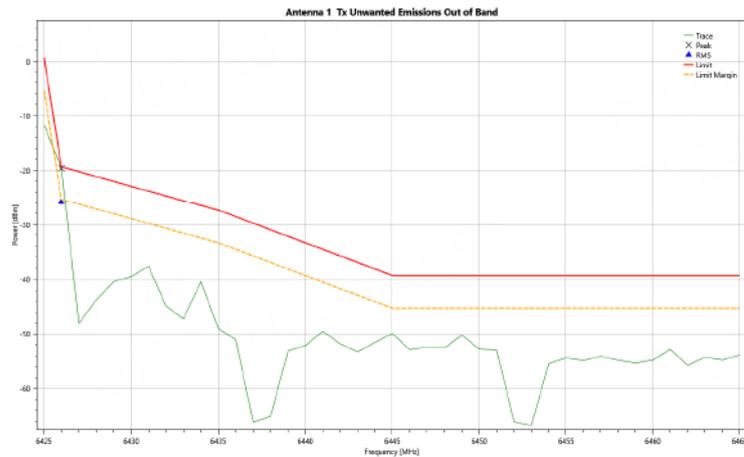
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,466.00	-51.58	-44.81	-6.77	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,465.98	-61.88	-44.81	-17.07	Pass

TX Mode_6415MHz
Ant.1



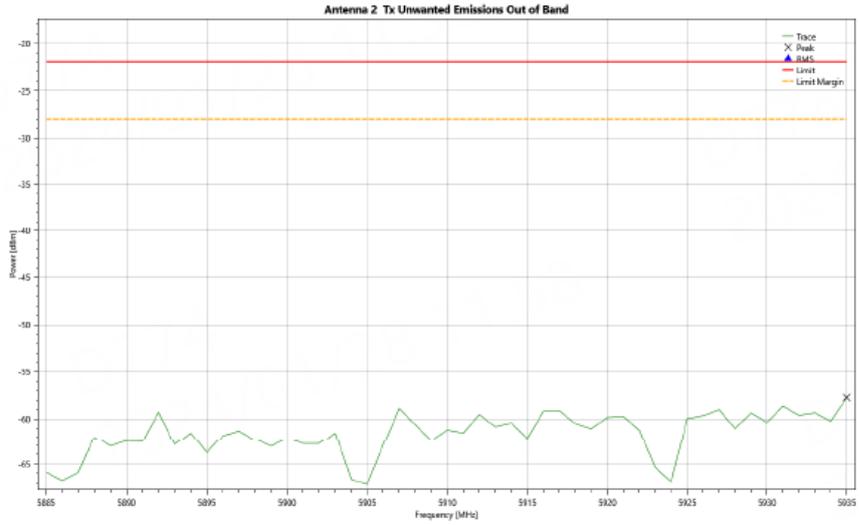
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,917.00	-62.16	-22.00	-40.16	Pass



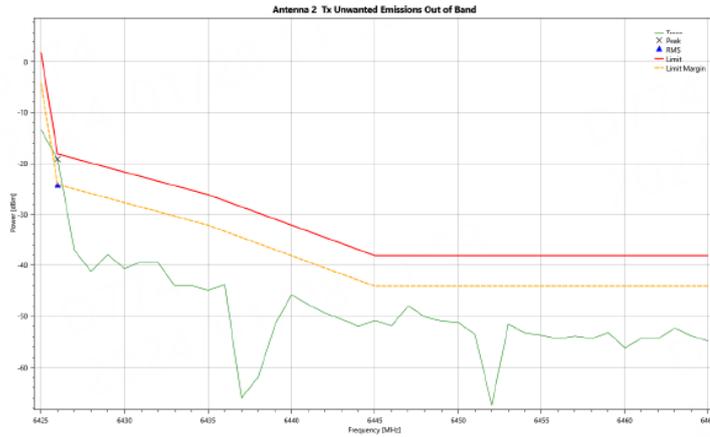
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,426.00	-19.60	-19.32	-0.28	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.99	-25.80	-19.04	-6.76	Pass

Ant.2



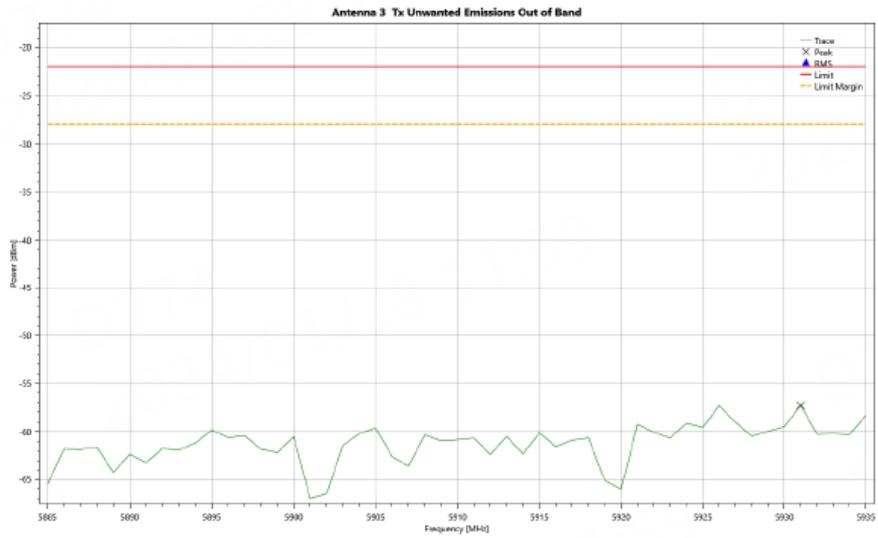
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-57.73	-22.00	-35.73	Pass



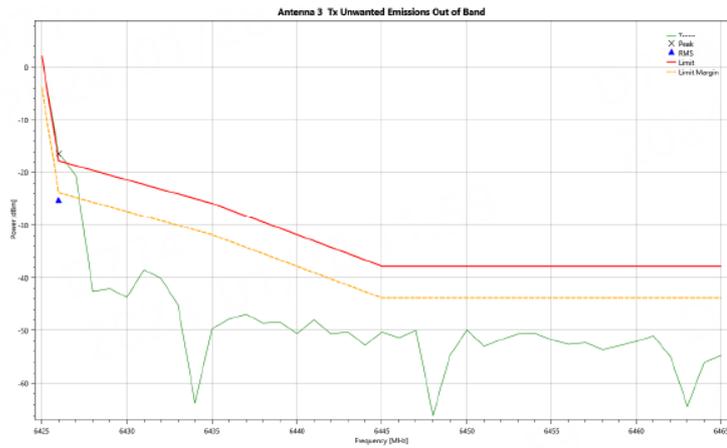
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,426.00	-19.15	-18.14	-1.01	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,426.01	-24.40	-18.15	-6.25	Pass

Ant.3



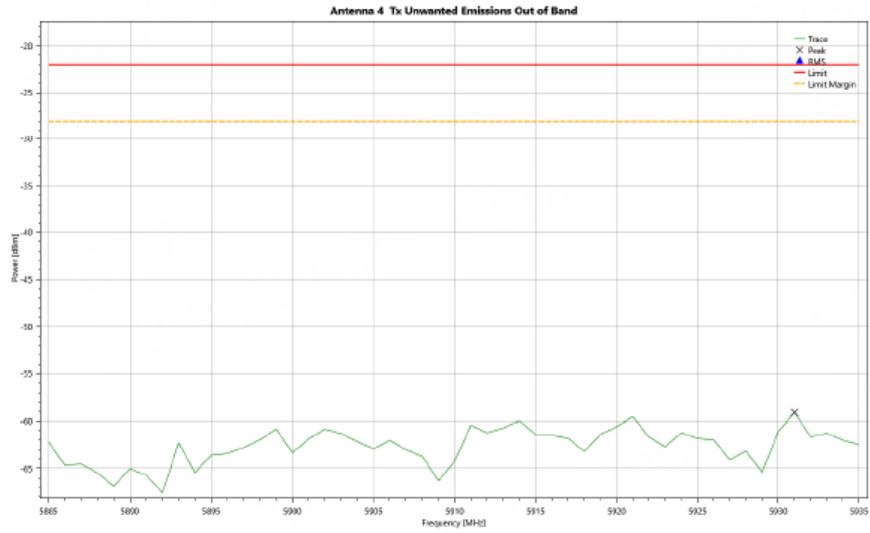
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,931.00	-57.28	-22.00	-35.28	Pass



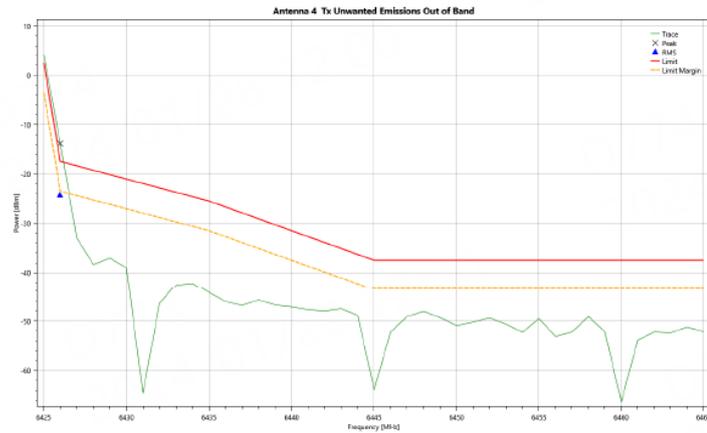
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,426.00	-16.33	-17.82	1.49	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.99	-25.33	-17.56	-7.77	Pass

Ant.4



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,931.00	-59.12	-22.00	-37.12	Pass

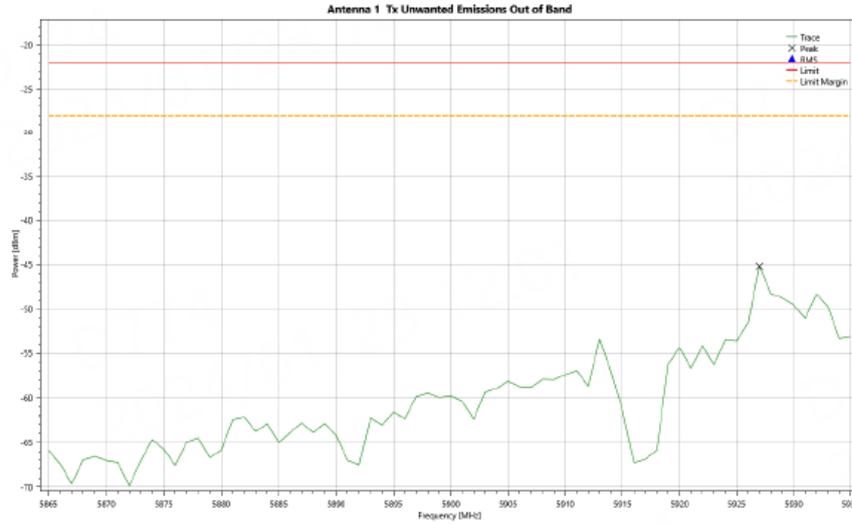


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,426.00	-13.82	-17.45	3.63	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.98	-24.34	-17.02	-7.32	Pass

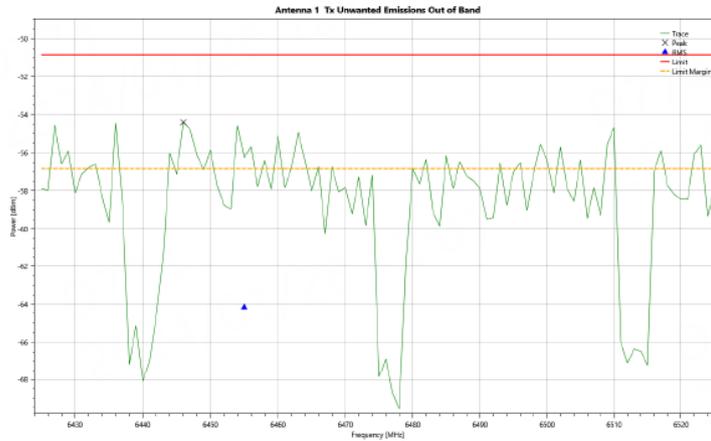
Test Mode TX Mode IEEE 802.11ax(HE40)

TX Mode_5965MHz Ant.1



Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,927.00	-45.19	-22.00	-23.19	Pass



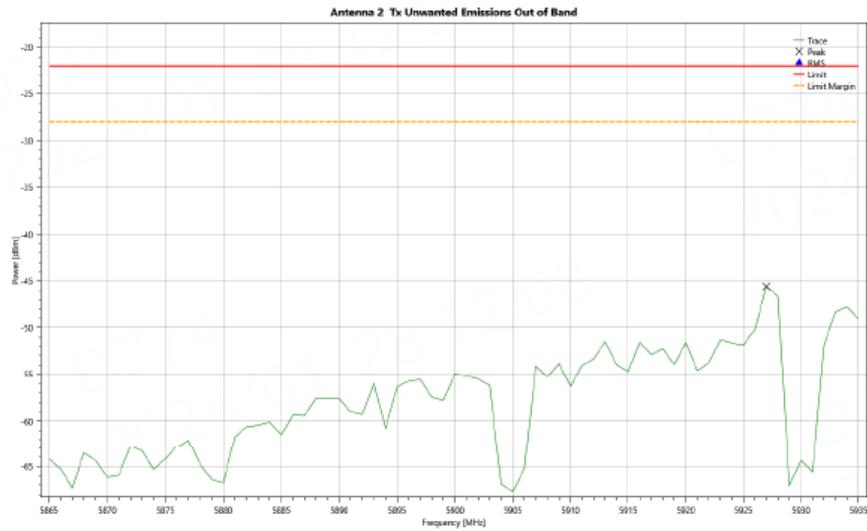
Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,446.00	-54.41	-50.84	-3.57	Fail

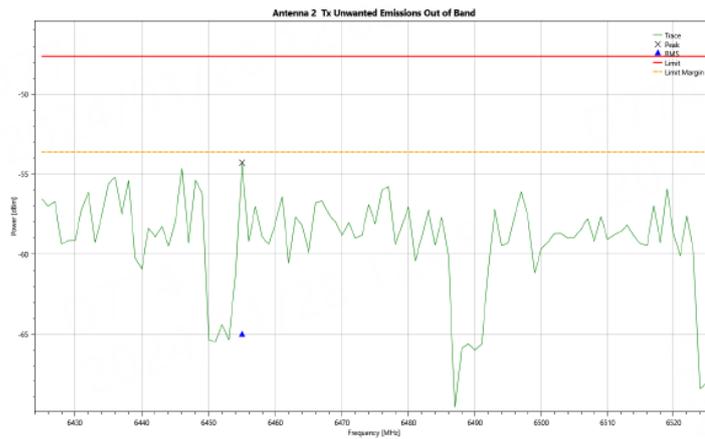
RMS

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,454.99	-64.15	-50.84	-13.31	Pass

Ant.2



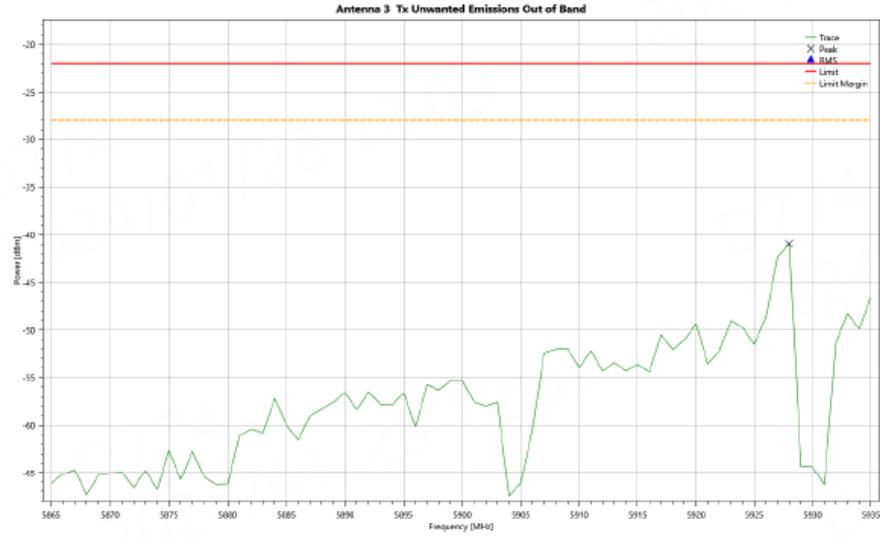
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,927.00	-45.55	-22.00	-23.55	Pass



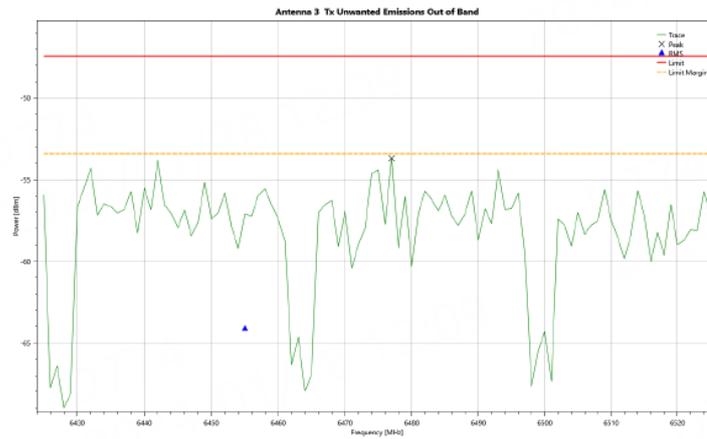
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,455.00	-54.29	-47.62	-6.67	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,454.99	-65.04	-47.62	-17.42	Pass

Ant.3



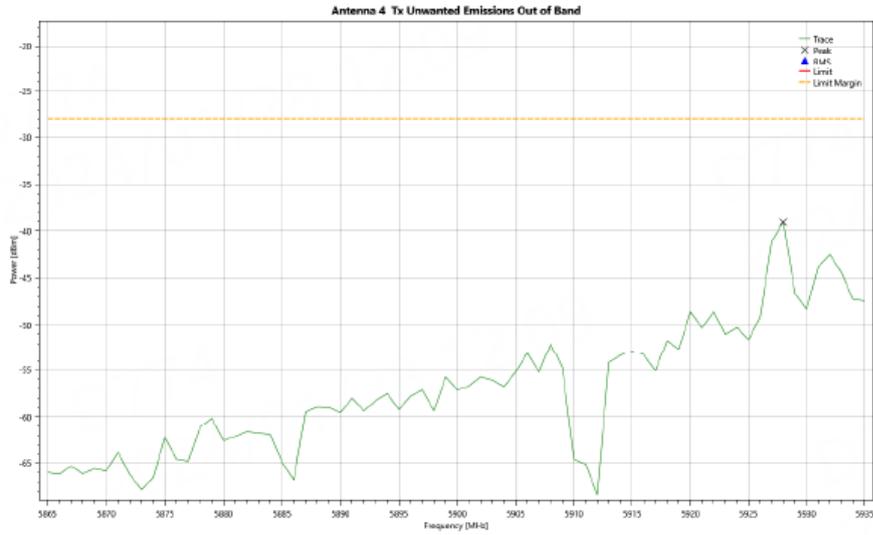
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,928.00	-40.95	-22.00	-18.95	Pass



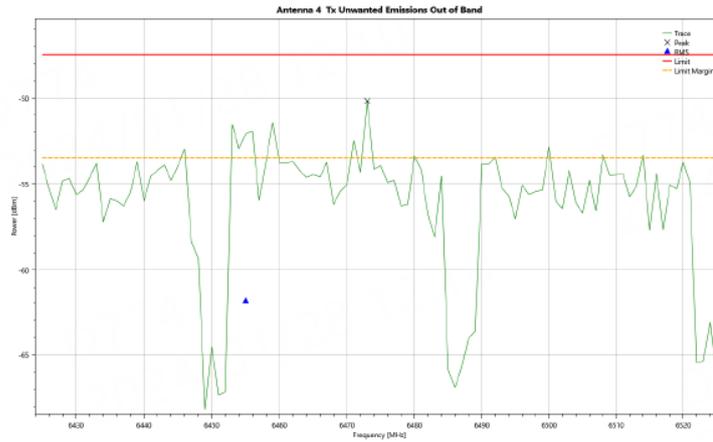
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,477.00	-53.69	-47.42	-6.27	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,455.01	-64.13	-47.42	-16.71	Pass

Ant.4



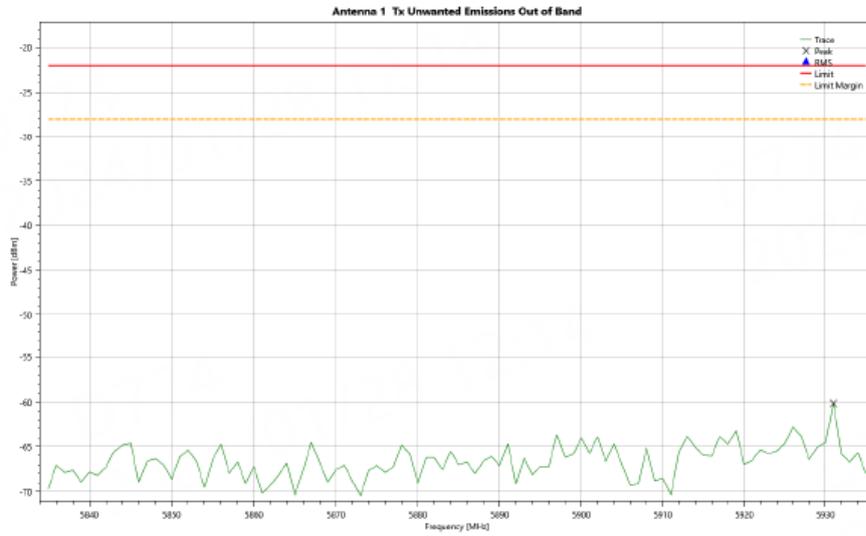
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,928.00	-39.05	-22.00	-17.05	Pass



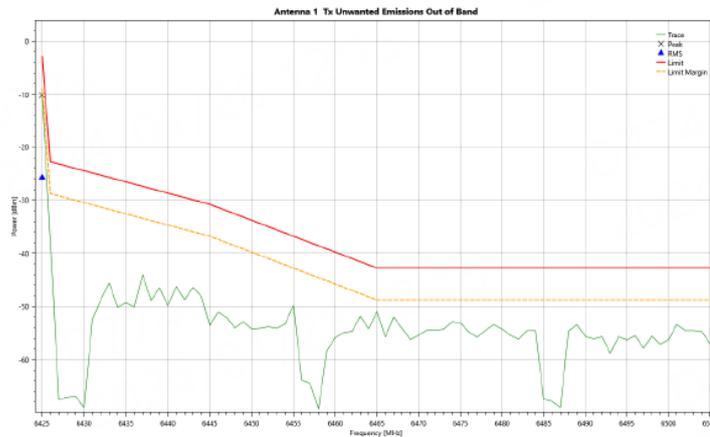
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,473.00	-50.16	-47.47	-2.69	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,455.01	-61.89	-47.47	-14.42	Pass

TX Mode_6405MHz
Ant.1



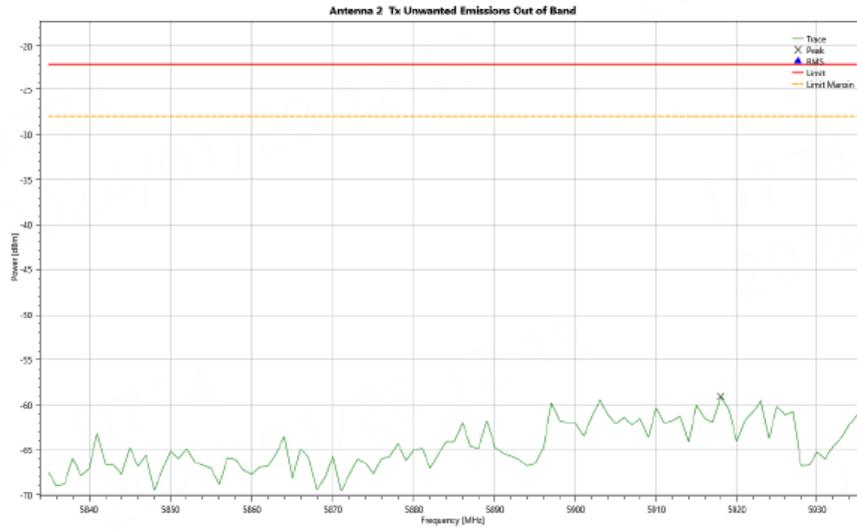
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,931.00	-60.09	-22.00	-38.09	Pass



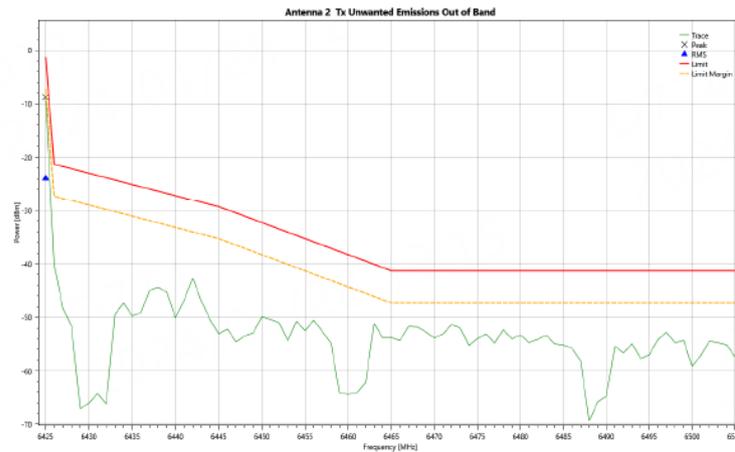
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-10.11	-2.77	-7.34	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-25.77	-2.81	-22.96	Pass

Ant.2



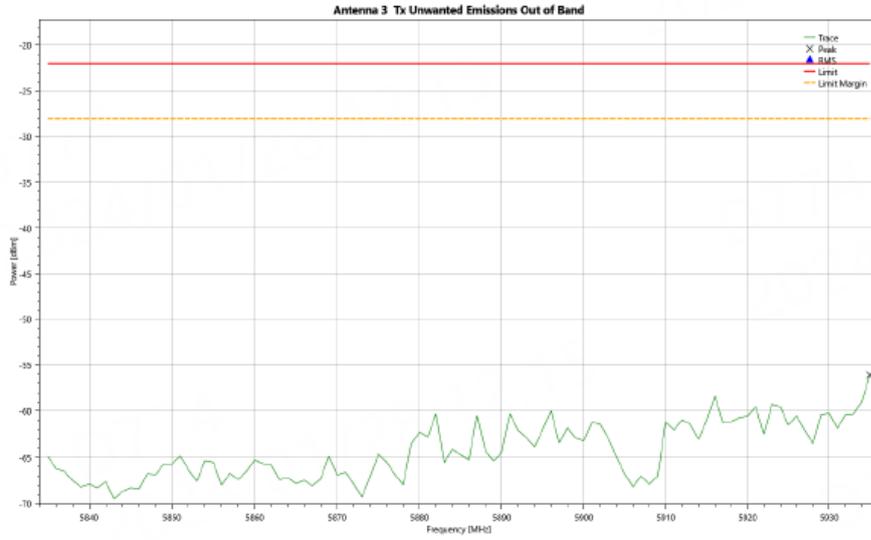
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,918.00	-59.06	-22.00	-37.06	Pass



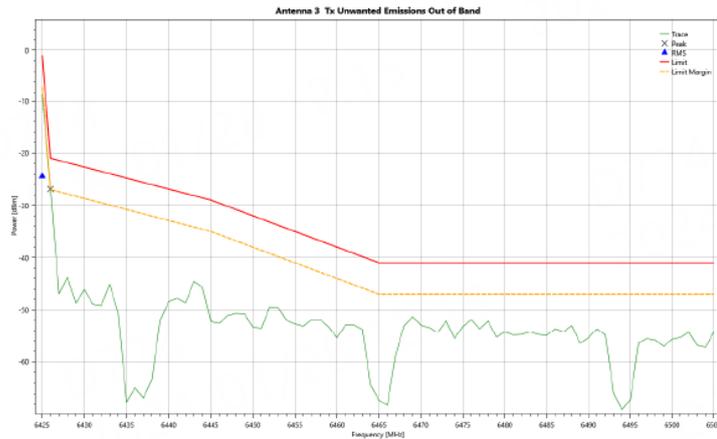
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-8.76	-1.29	-7.47	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-23.94	-1.29	-22.65	Pass

Ant.3



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-56.06	-22.00	-34.06	Pass

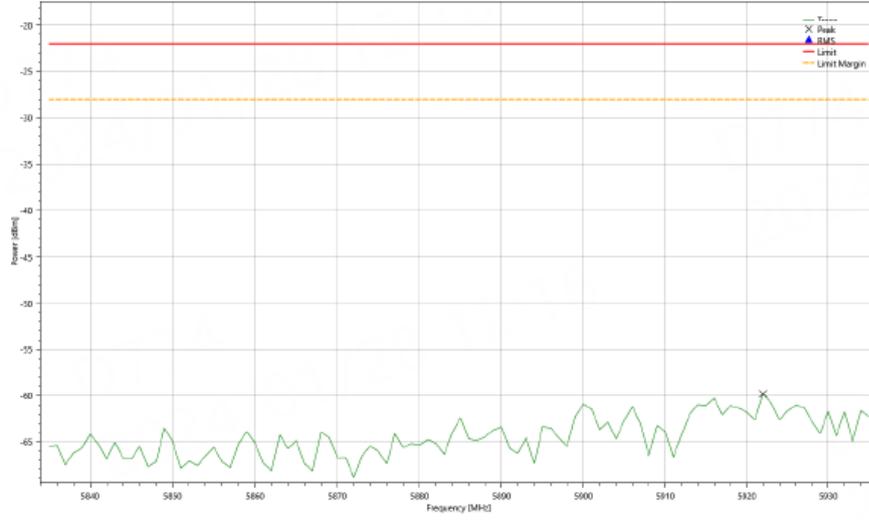


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,426.00	-26.85	-20.98	-5.87	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-24.44	-1.06	-23.38	Pass

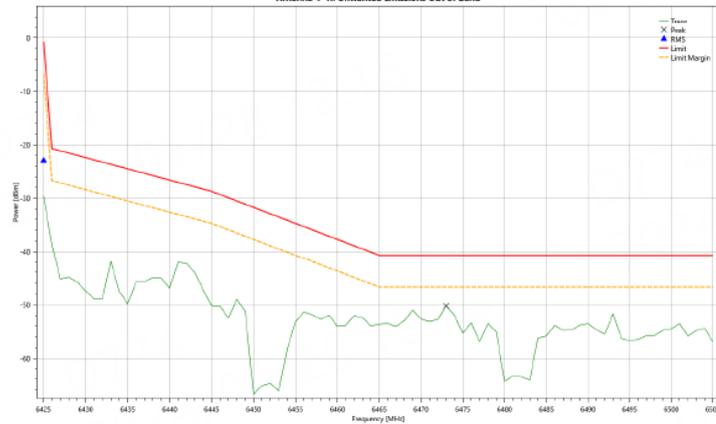
Ant.4

Antenna 4 Tx Unwanted Emissions Out of Band



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,922.00	-59.83	-22.00	-37.83	Pass

Antenna 4 Tx Unwanted Emissions Out of Band

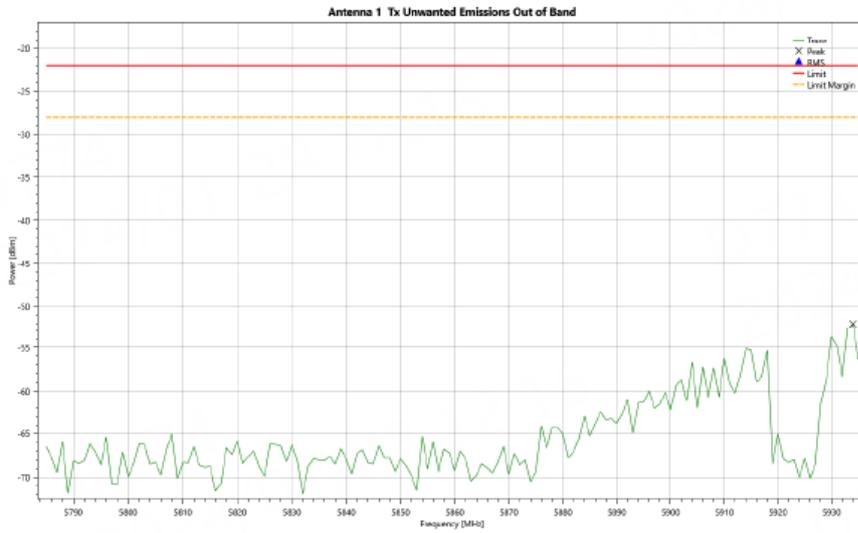


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,473.00	-50.20	-40.71	-9.49	Pass

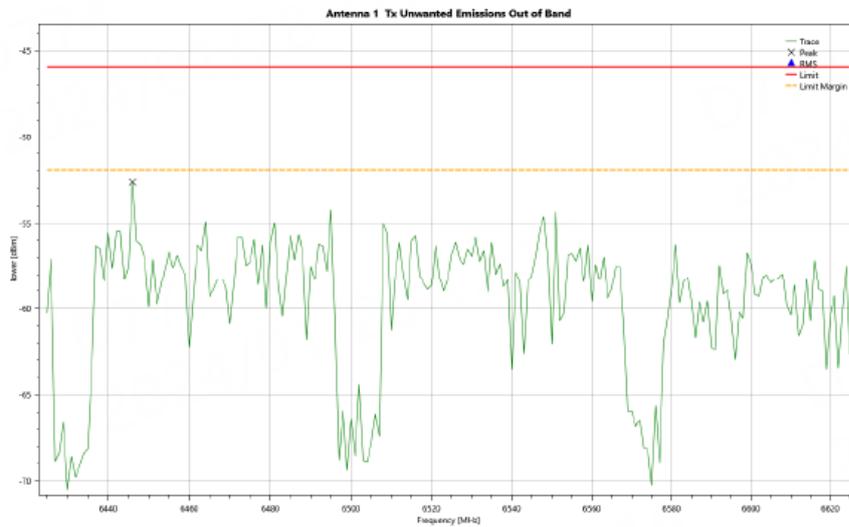
RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-22.99	-0.78	-22.21	Pass

Test Mode TX Mode IEEE 802.11ax(HE80)

TX Mode_5985MHz Ant.1

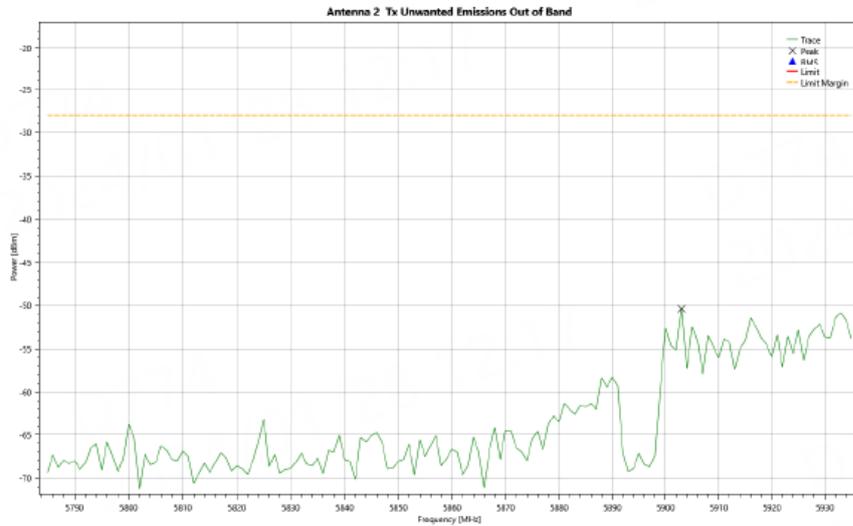


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,934.00	-52.07	-22.00	-30.07	Pass

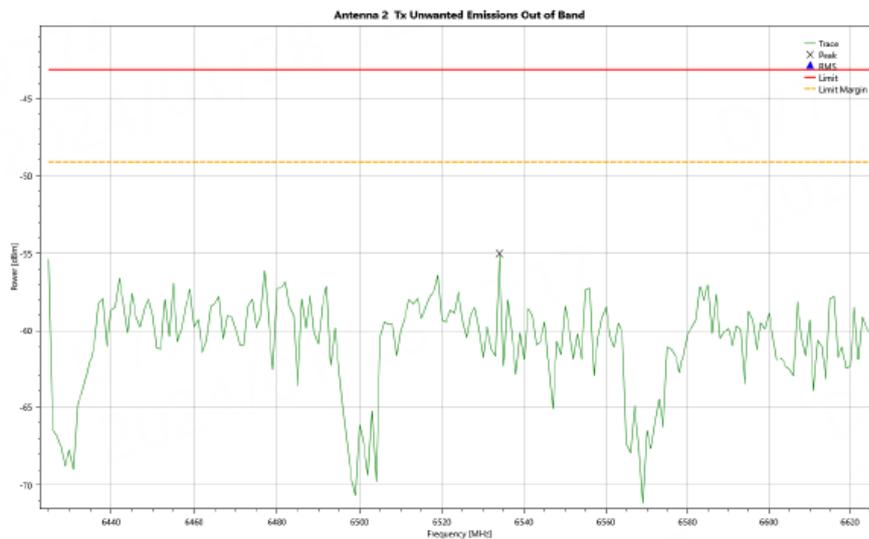


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,446.00	-52.62	-45.94	-6.68	Pass

Ant.2

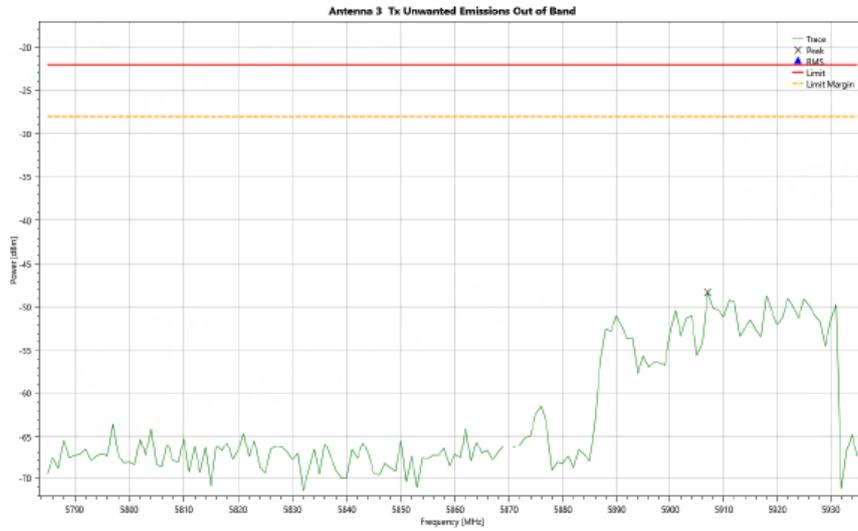


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,903.00	-50.36	-22.00	-28.36	Pass

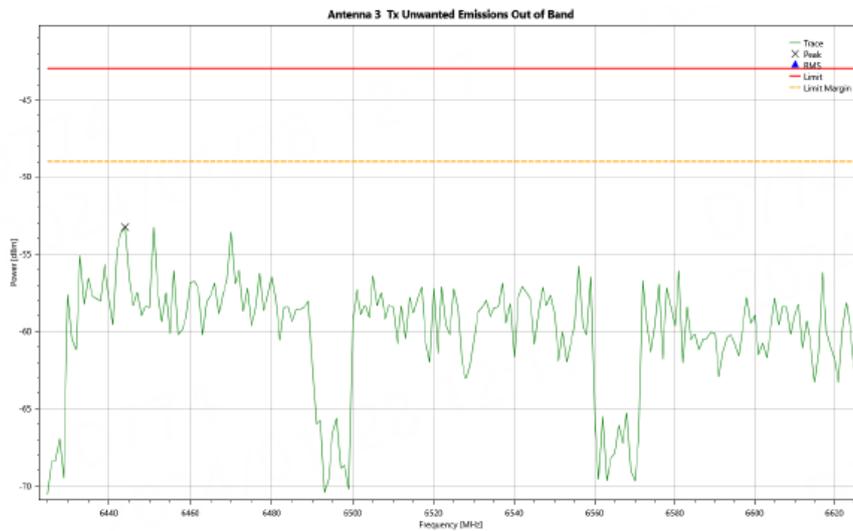


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,534.00	-54.99	-43.12	-11.87	Pass

Ant.3

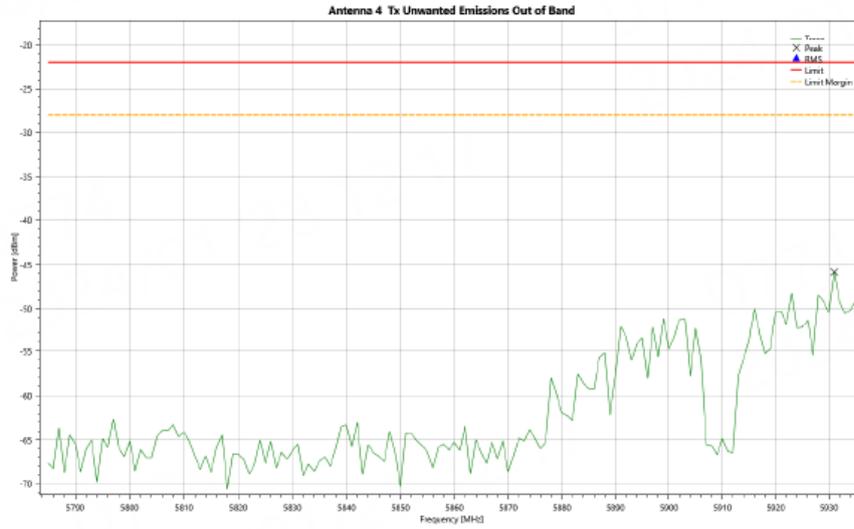


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,907.00	-48.25	-22.00	-26.25	Pass



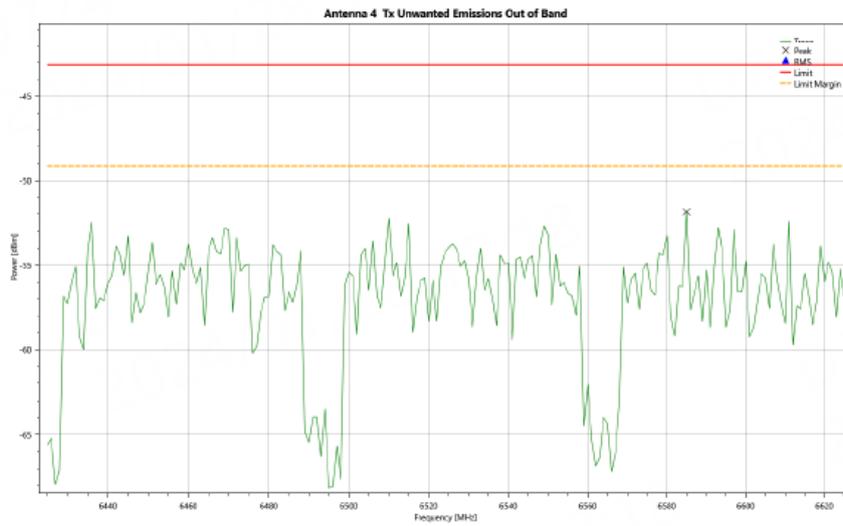
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,444.00	-53.26	-42.97	-10.29	Pass

Ant.4



Peak

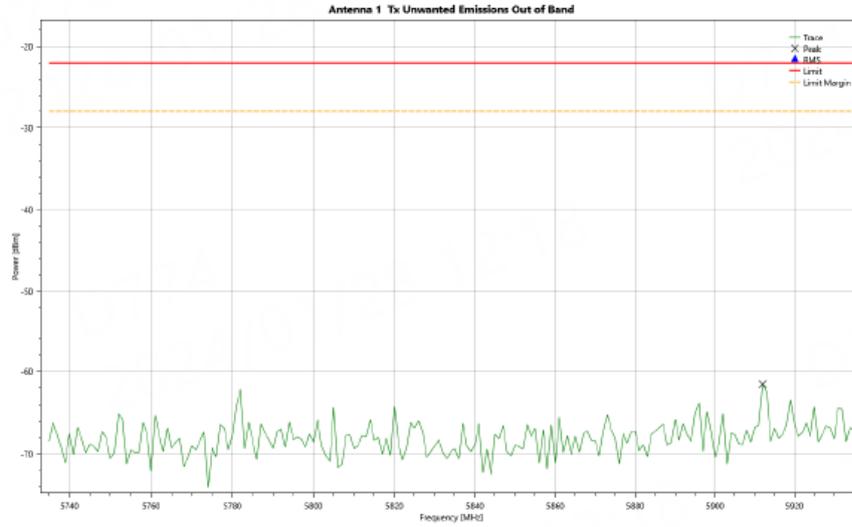
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,931.00	-45.83	-22.00	-23.83	Pass



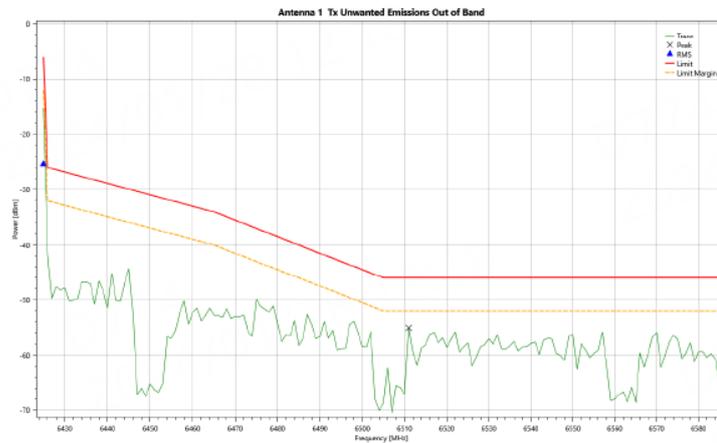
Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,585.00	-51.85	-43.13	-8.72	Pass

TX Mode_6385MHz
Ant.1



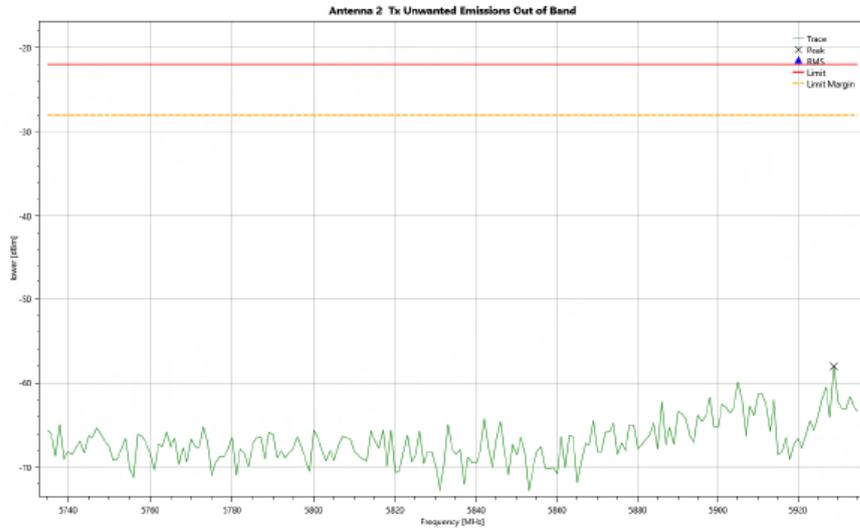
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,912.00	-61.54	-22.00	-39.54	Pass



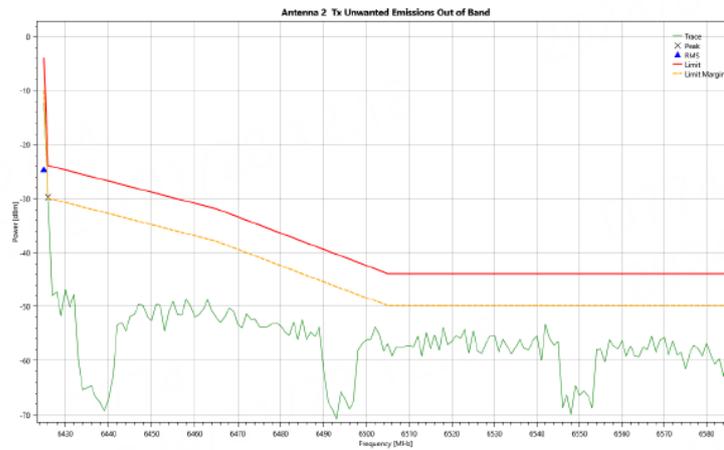
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,511.00	-55.09	-46.02	-9.07	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-25.41	-6.09	-19.32	Pass

TX Mode_6385MHz
Ant.2



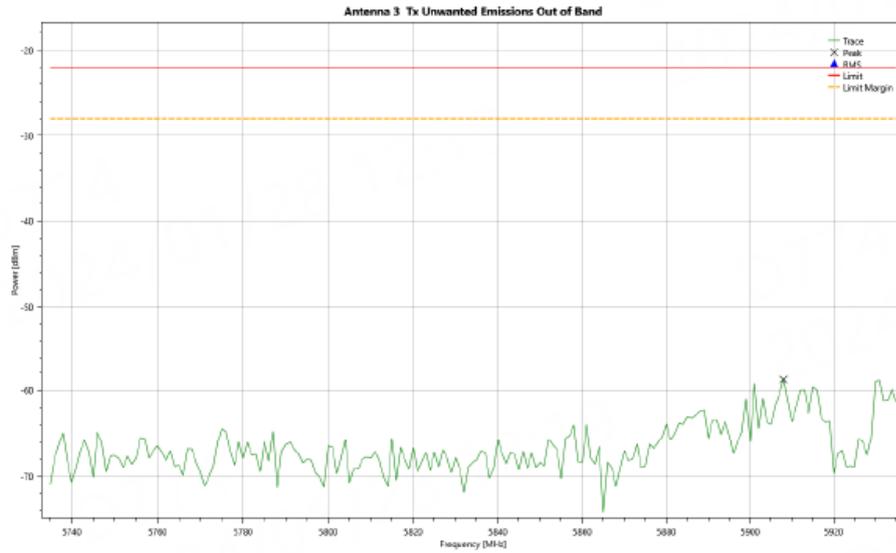
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,929.00	-58.03	-22.00	-36.03	Pass



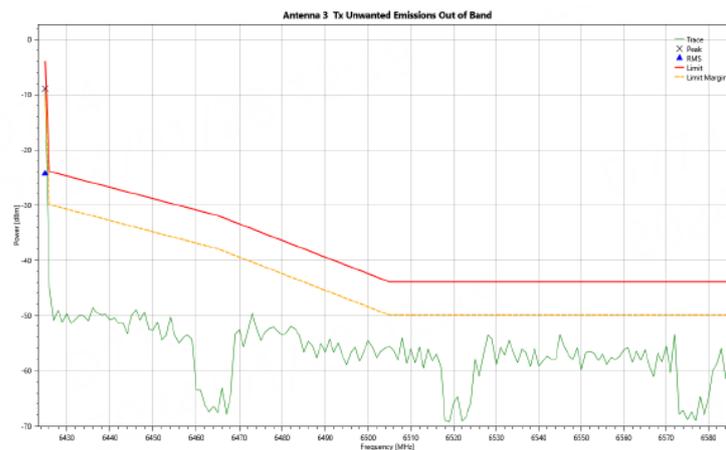
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,426.00	-29.70	-23.86	-5.84	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-24.73	-3.91	-20.82	Pass

Ant.3



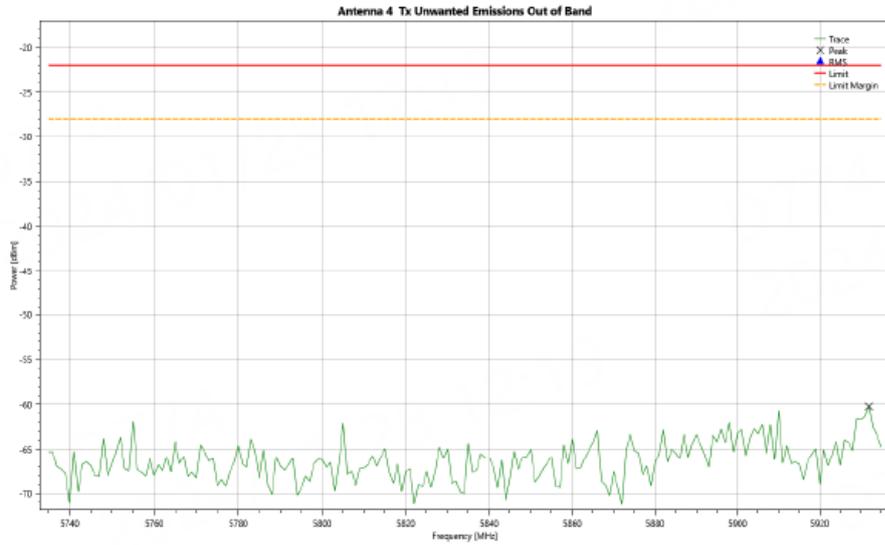
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,908.00	-58.73	-22.00	-36.73	Pass



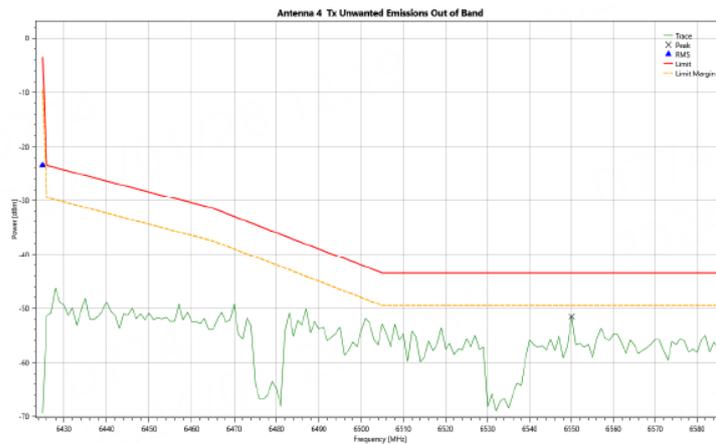
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-8.94	-3.91	-5.03	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-24.30	-3.94	-20.36	Pass

Ant.4



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,932.00	-60.21	-22.00	-38.21	Pass

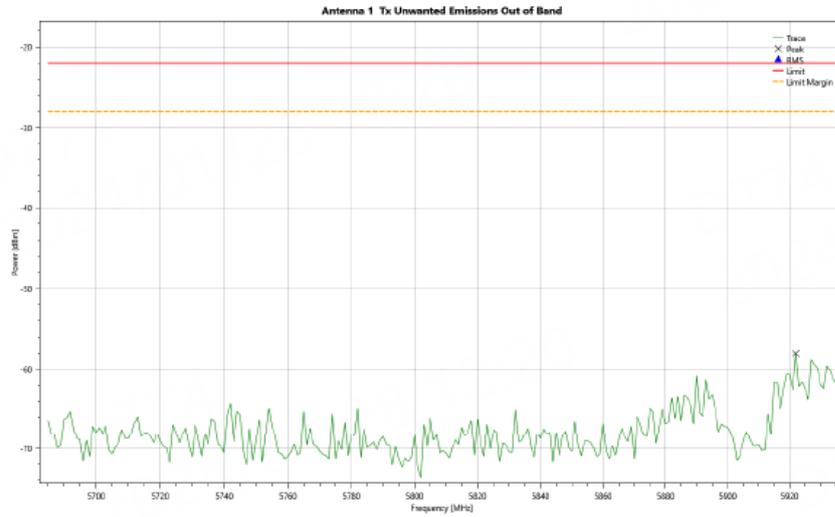


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,550.00	-51.50	-43.50	-8.00	Pass

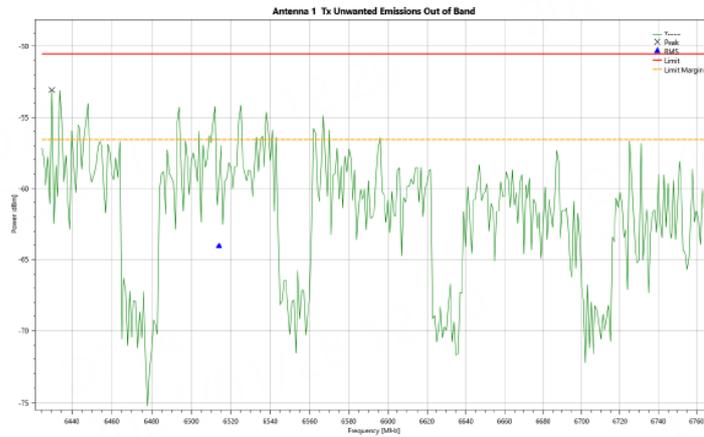
RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-23.48	-3.52	-19.96	Pass

Test Mode TX Mode IEEE 802.11ax(HE160)

TX Mode_6025MHz
Ant.1



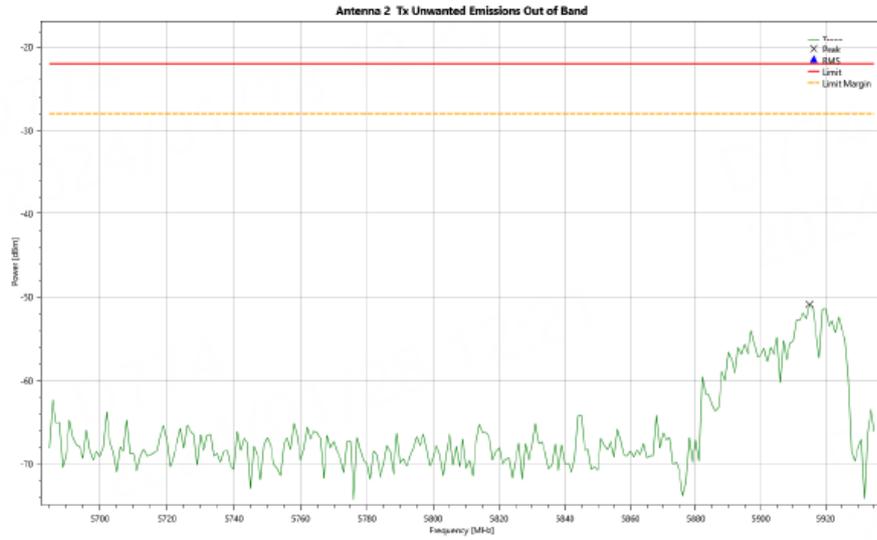
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,922.00	-58.02	-22.00	-36.02	Pass



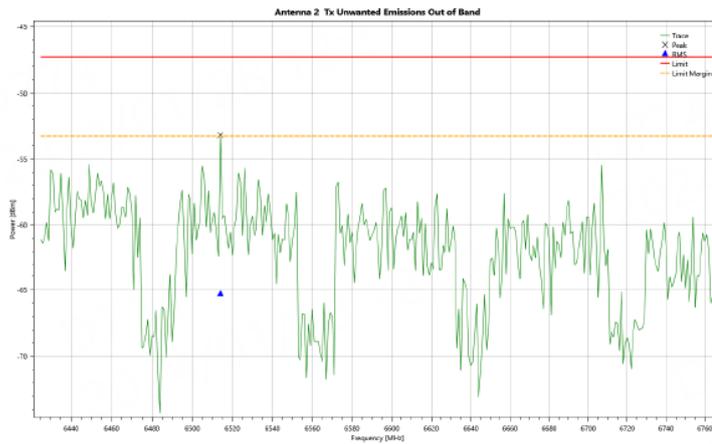
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,430.00	-53.08	-50.55	-2.53	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,514.00	-64.08	-50.55	-13.53	Pass

Ant.2



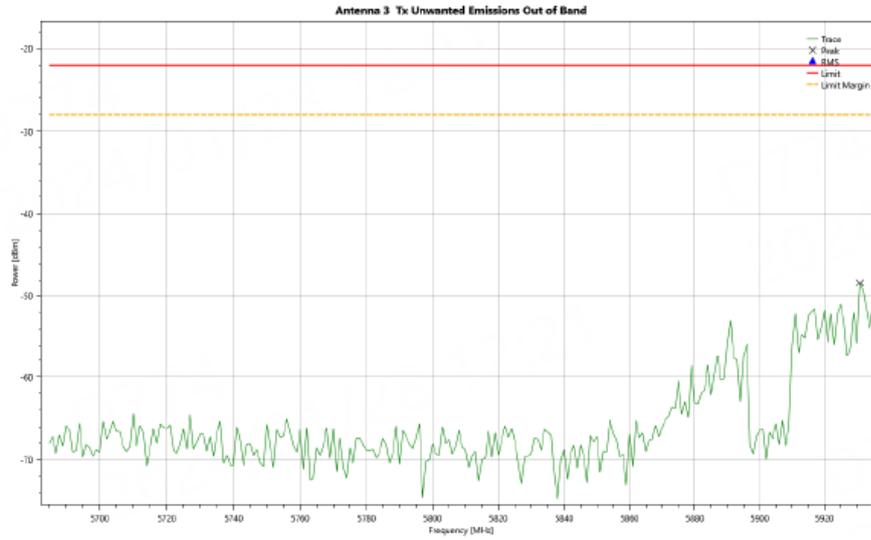
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,915.00	-50.87	-22.00	-28.87	Pass



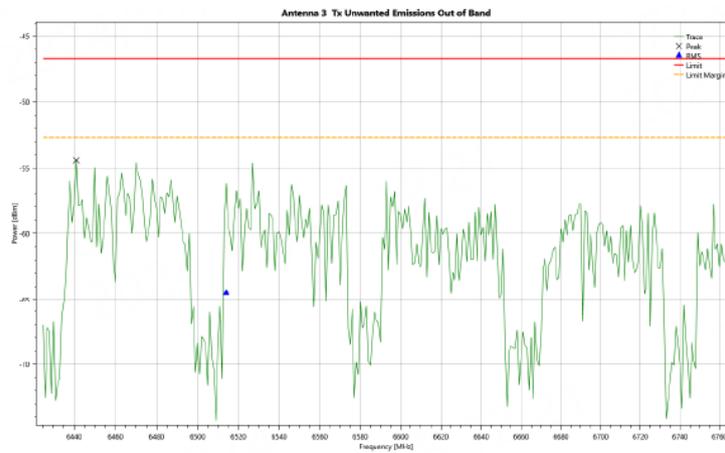
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,514.00	-53.20	-47.29	-5.91	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,514.01	-65.33	-47.29	-18.04	Pass

Ant.3



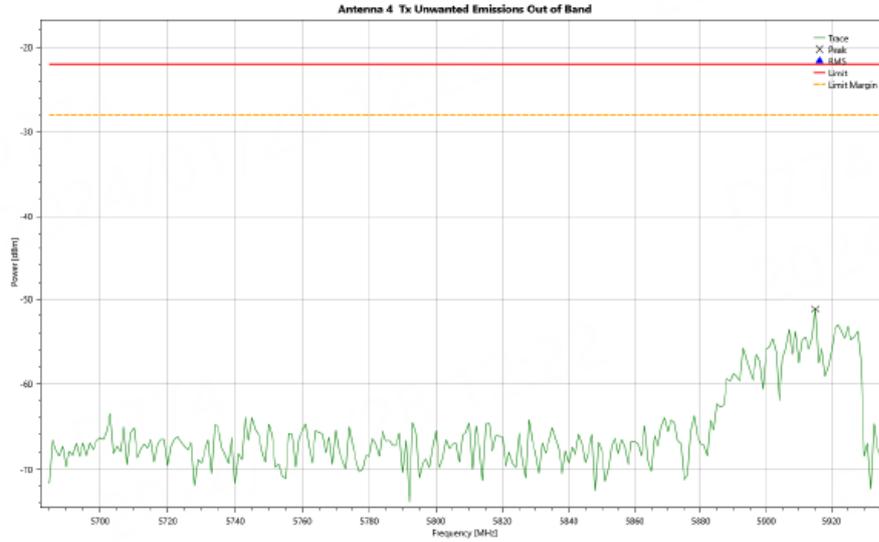
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,931.00	-48.37	-22.00	-26.37	Pass



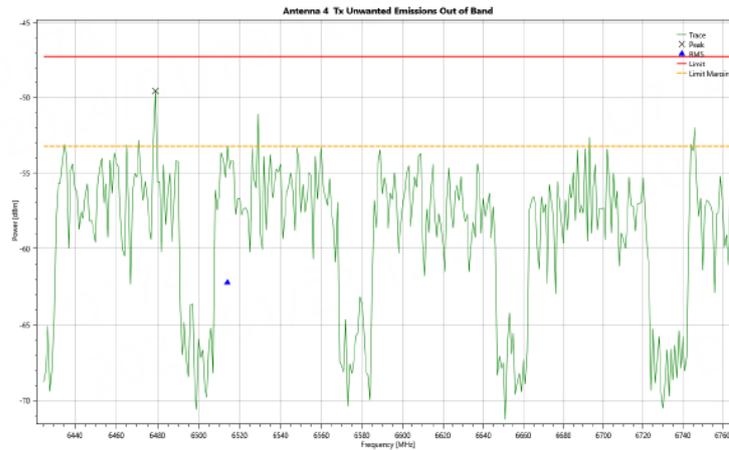
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,441.00	-54.42	-46.69	-7.73	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,514.00	-64.47	-46.69	-17.78	Pass

Ant.4



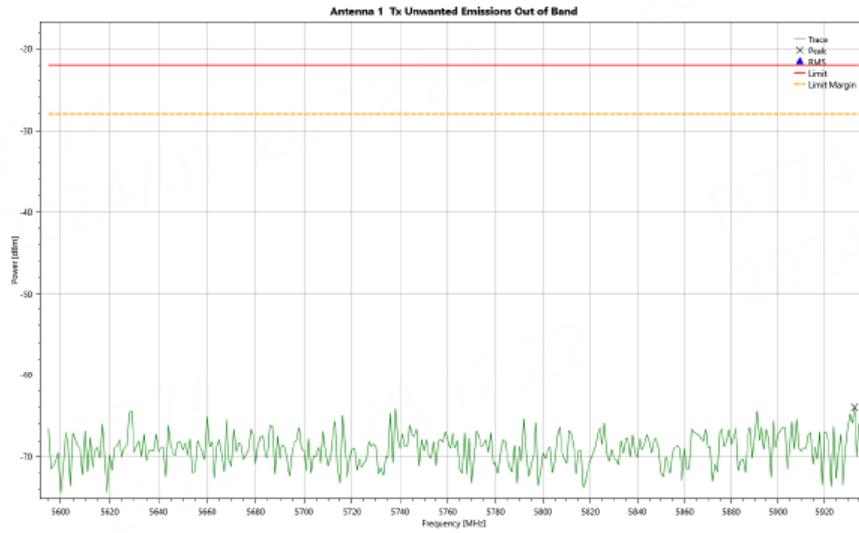
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,915.00	-51.17	-22.00	-29.17	Pass



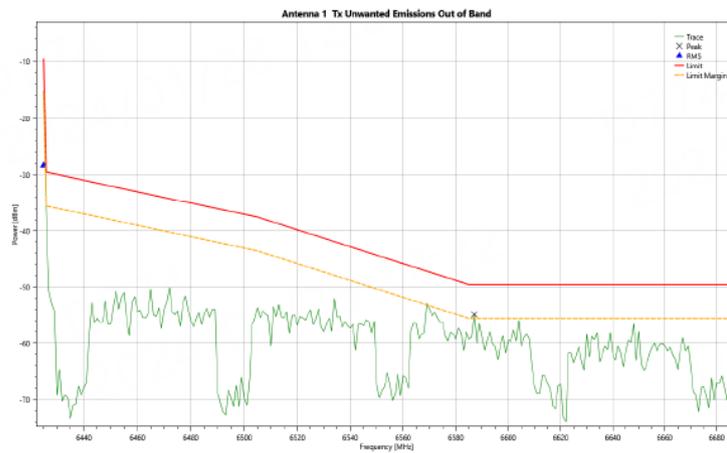
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,479.00	-49.60	-47.22	-2.38	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,514.00	-62.21	-47.22	-14.99	Pass

TX Mode_6345MHz
Ant.1



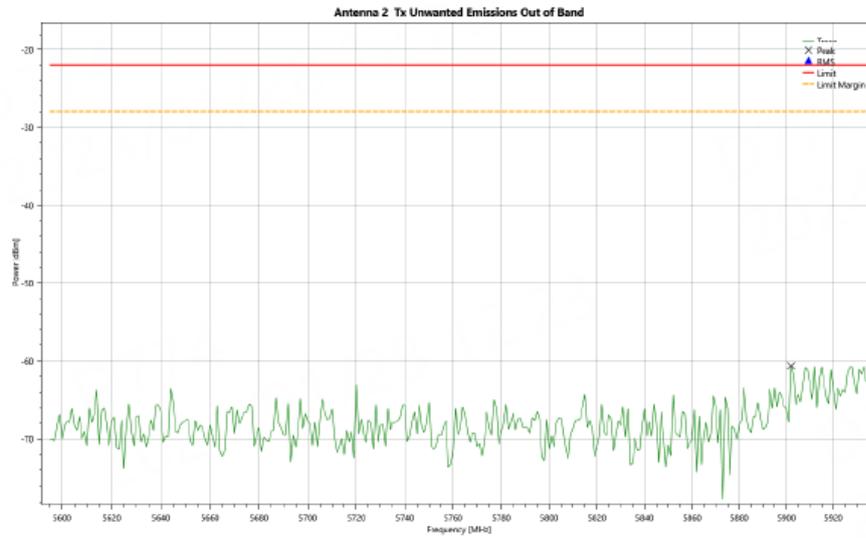
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,933.00	-63.96	-22.00	-41.96	Pass



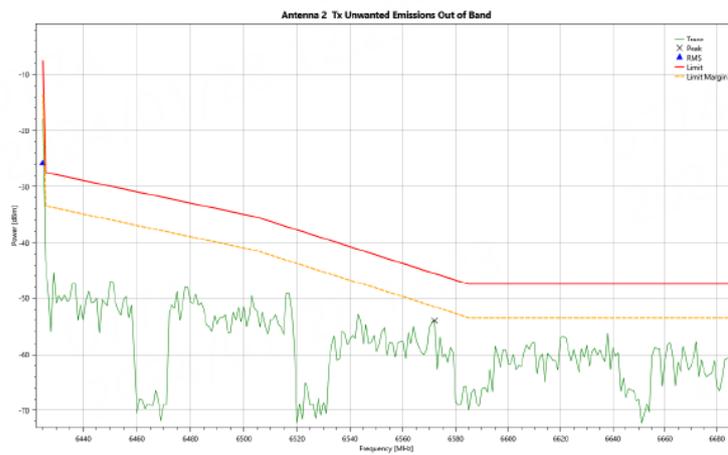
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,587.00	-54.81	-49.54	-5.27	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.02	-28.35	-9.91	-18.44	Pass

Ant.2



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,902.00	-60.64	-22.00	-38.64	Pass



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,572.00	-53.95	-45.49	-8.46	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.02	-25.82	-7.82	-18.00	Pass

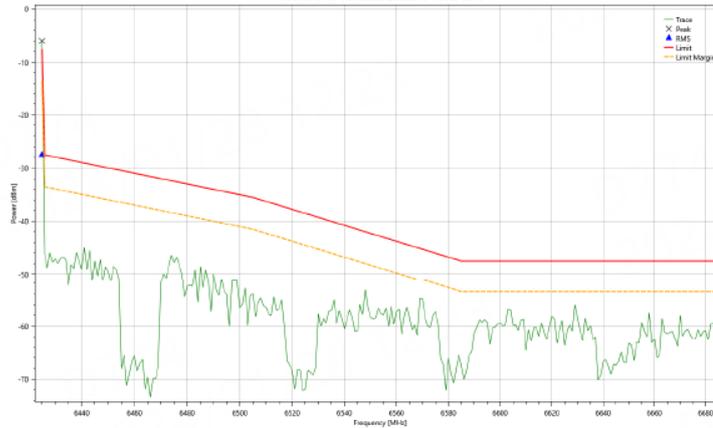
Ant.3

Antenna 3 Tx Unwanted Emissions Out of Band



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,895.00	-60.74	-22.00	-38.74	Pass

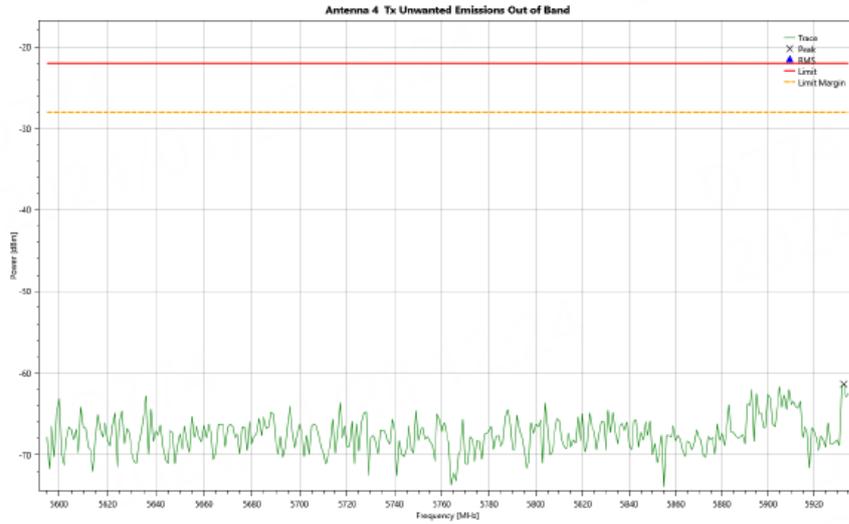
Antenna 3 Tx Unwanted Emissions Out of Band



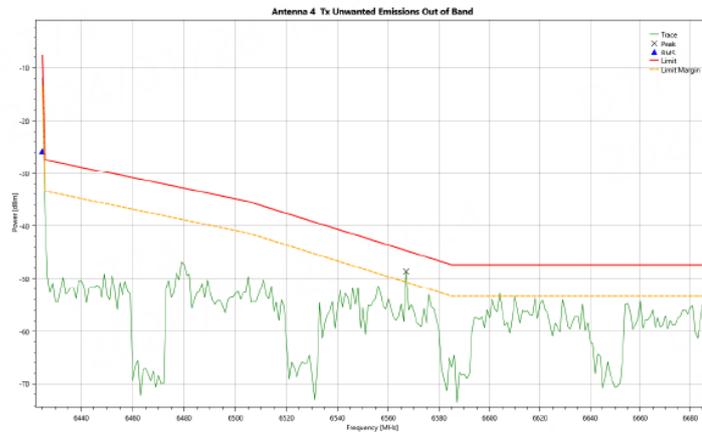
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-5.99	-7.52	1.53	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.02	-27.54	-7.82	-19.72	Pass

Ant.4



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,933.00	-61.35	-22.00	-39.35	Pass

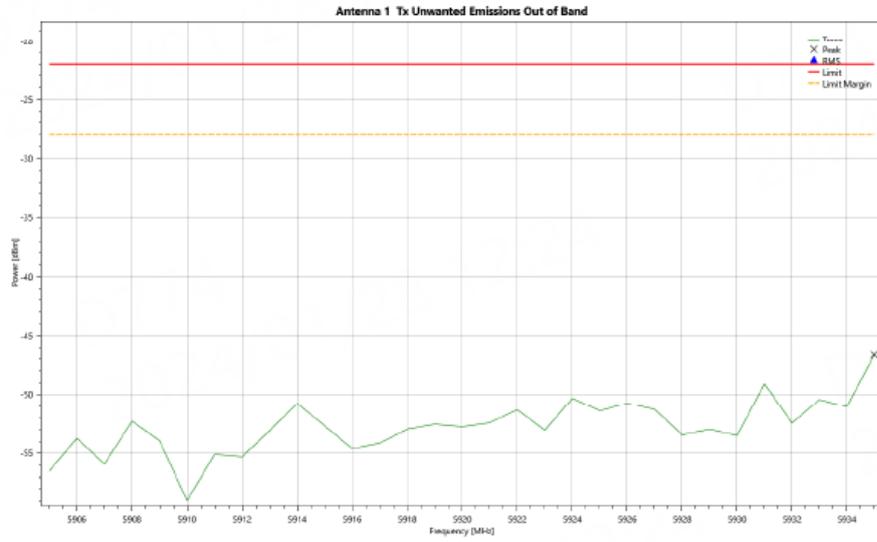


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,567.00	-48.64	-44.67	-3.97	Fail

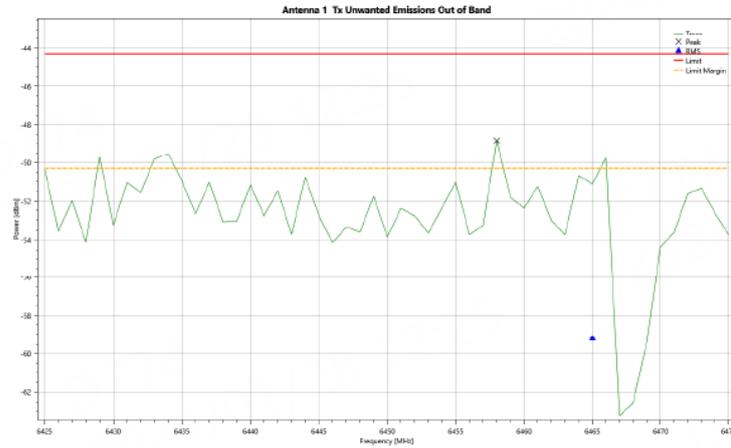
RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-25.95	-7.41	-18.54	Pass

Test Mode TX Mode IEEE 802.11be(EHT20)

TX Mode 5955MHz
Ant.1



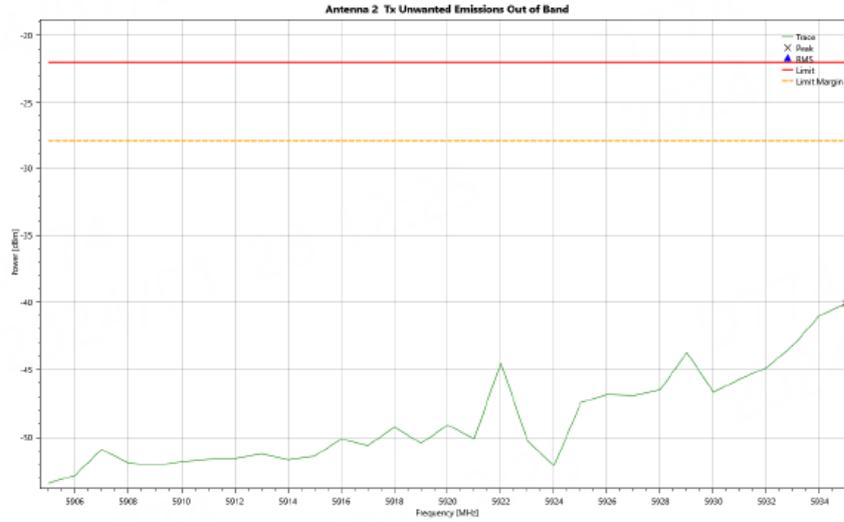
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-46.61	-22.00	-24.61	Pass



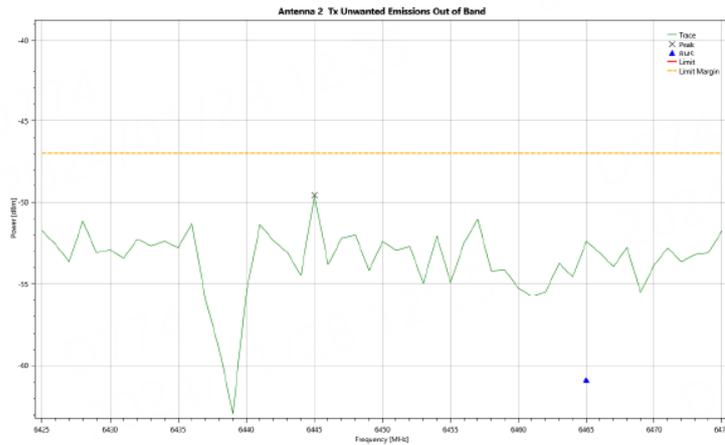
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,458.00	-48.83	-44.31	-4.52	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,465.01	-59.21	-44.31	-14.90	Pass

Ant.2



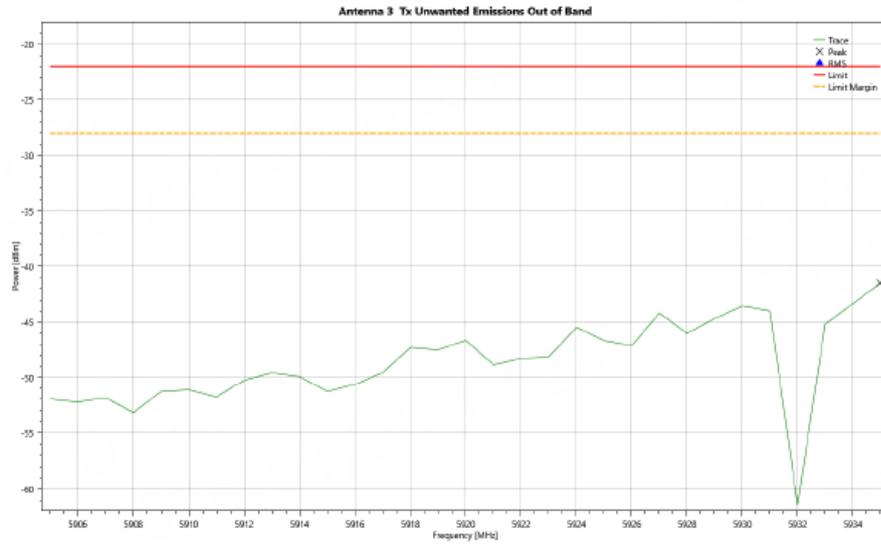
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-40.11	-22.00	-18.11	Pass



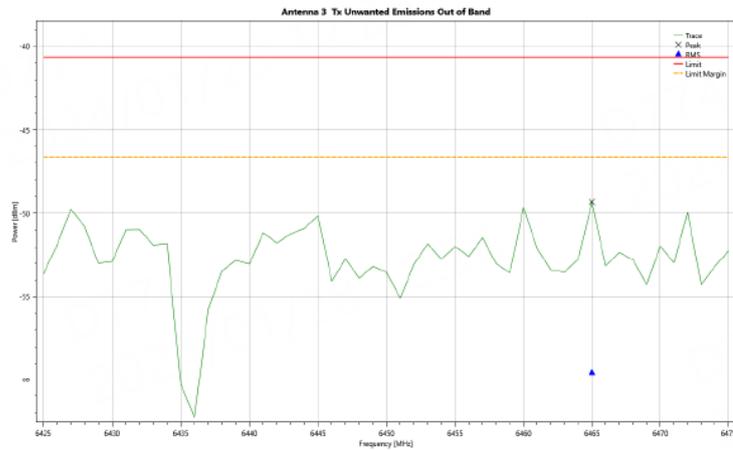
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,445.00	-49.57	-40.98	-8.59	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,464.99	-60.94	-40.98	-19.96	Pass

Ant.3



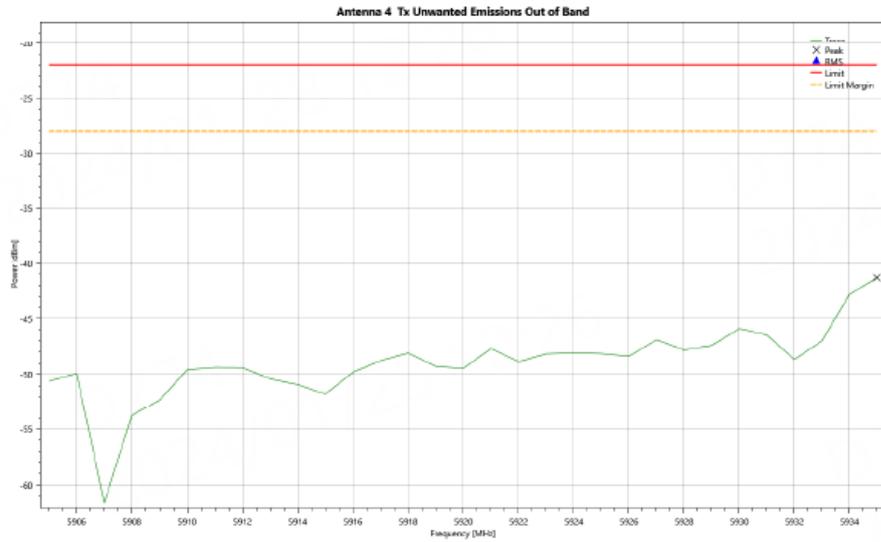
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-41.48	-22.00	-19.48	Pass



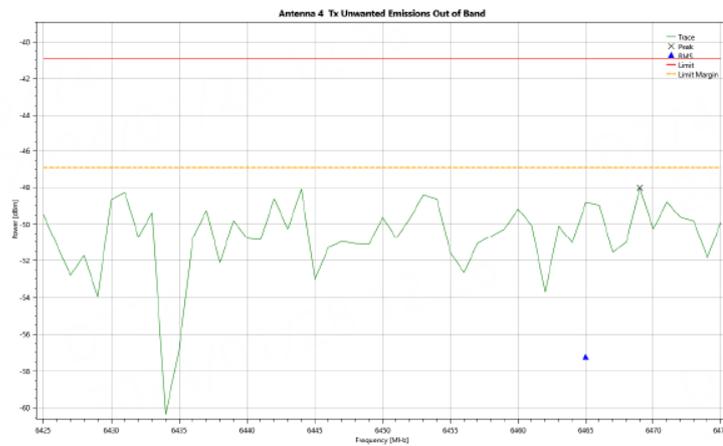
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,465.00	-49.32	-40.65	-8.67	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,465.00	-59.54	-40.65	-18.89	Pass

Ant.4



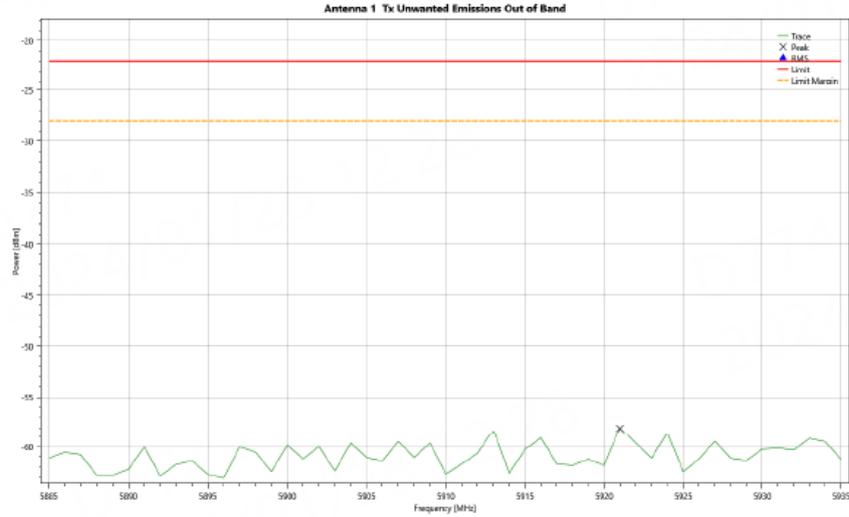
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-41.30	-22.00	-19.30	Pass



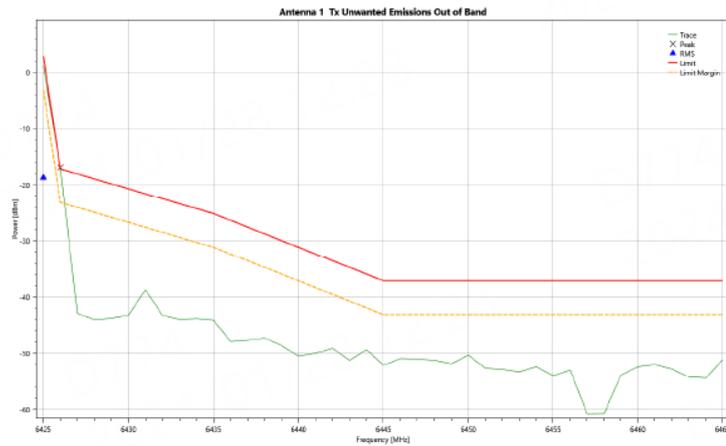
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,469.00	-48.03	-40.91	-7.12	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,464.99	-57.28	-40.91	-16.37	Pass

TX Mode_6415MHz
Ant.1



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,921.00	-58.04	-22.00	-36.04	Pass

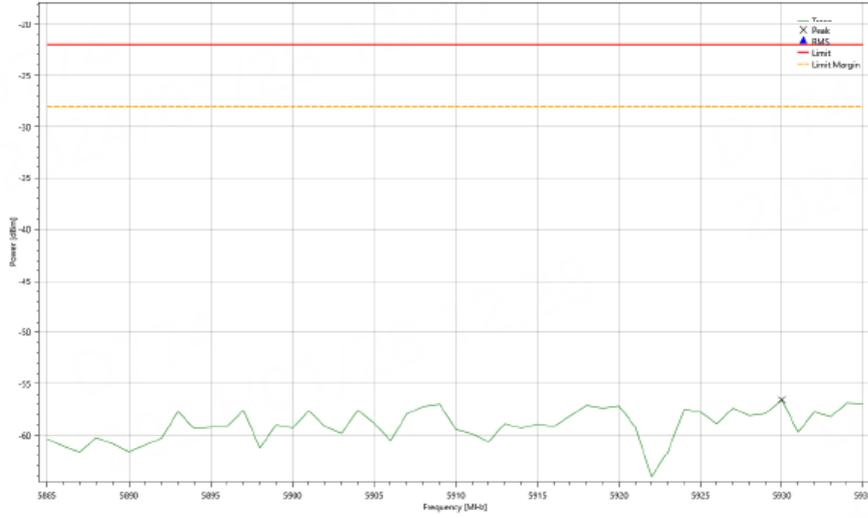


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,426.00	-16.92	-17.16	0.24	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-18.72	2.84	-21.56	Pass

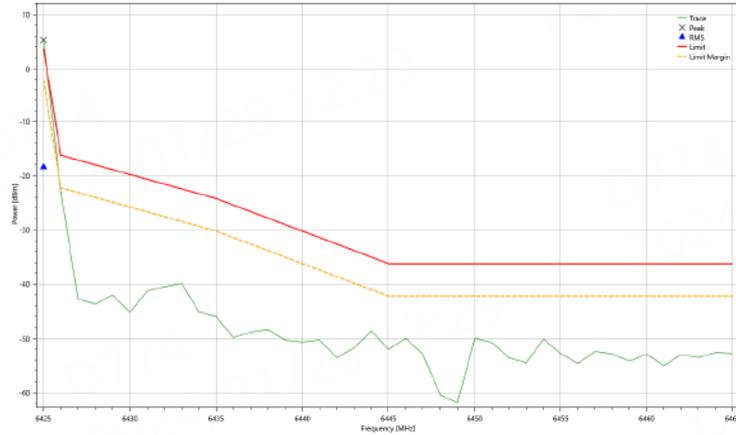
Ant.2

Antenna 2 Tx Unwanted Emissions Out of Band



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,930.00	-56.57	-22.00	-34.57	Pass

Antenna 2 Tx Unwanted Emissions Out of Band

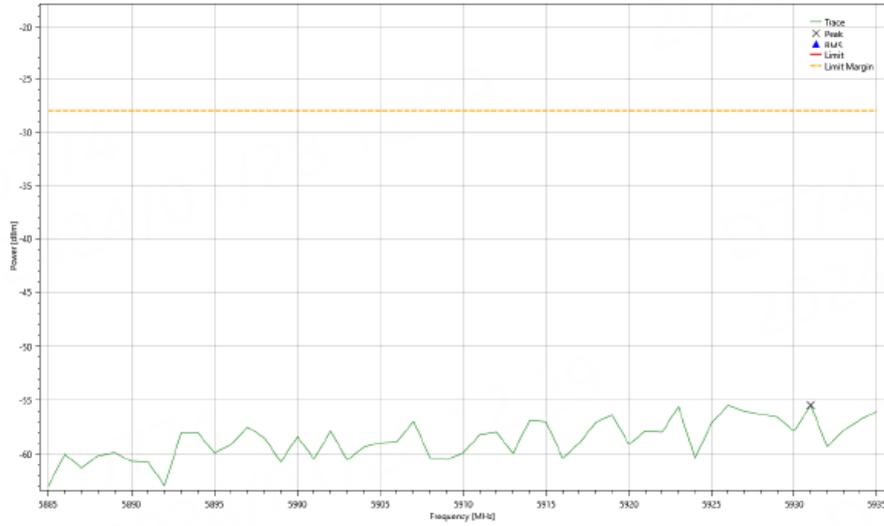


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	5.35	3.76	1.59	Fail

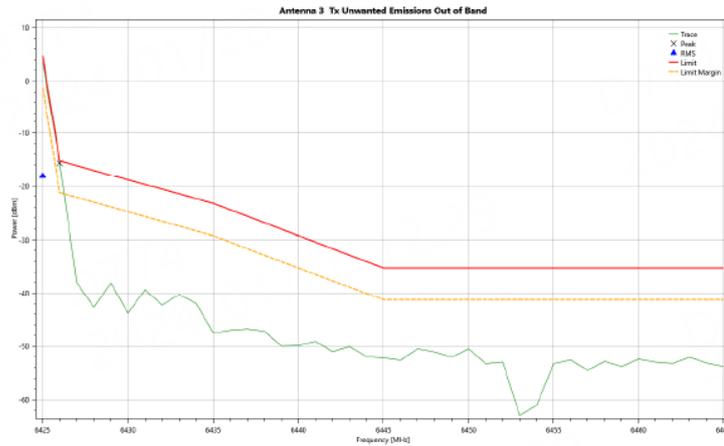
RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-18.44	3.70	-22.14	Pass

Ant.3

Antenna 3 Tx Unwanted Emissions Out of Band



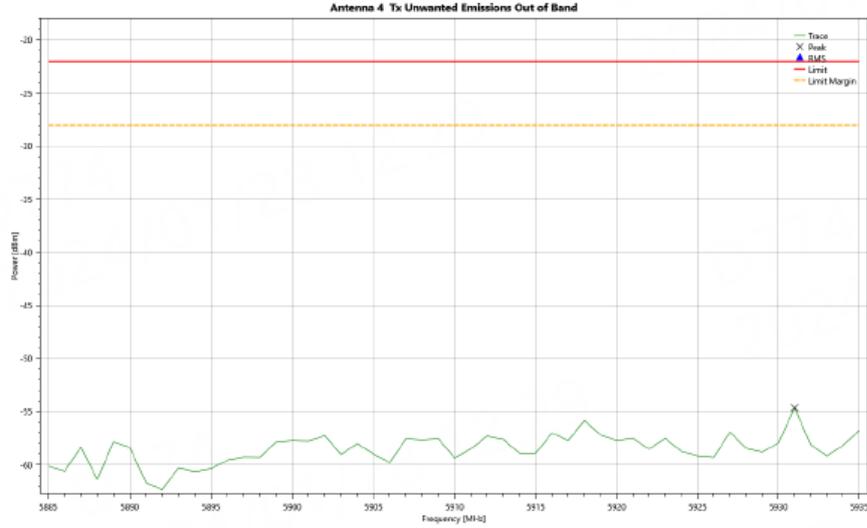
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,931.00	-55.47	-22.00	-33.47	Pass



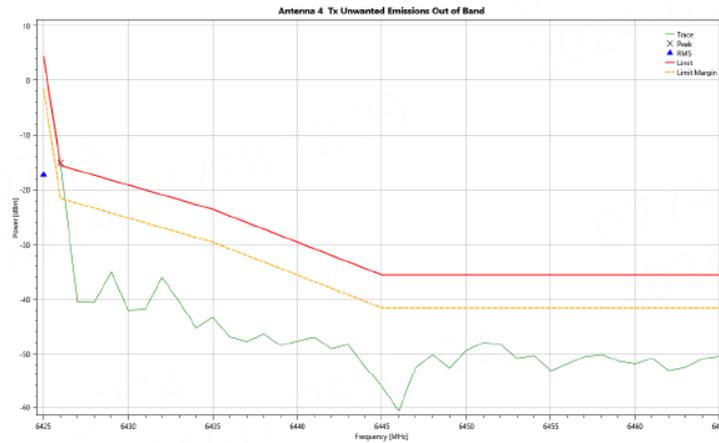
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,426.00	-15.68	-15.26	-0.42	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-18.09	4.73	-22.82	Pass

Ant.4



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,931.00	-54.67	-22.00	-32.67	Pass

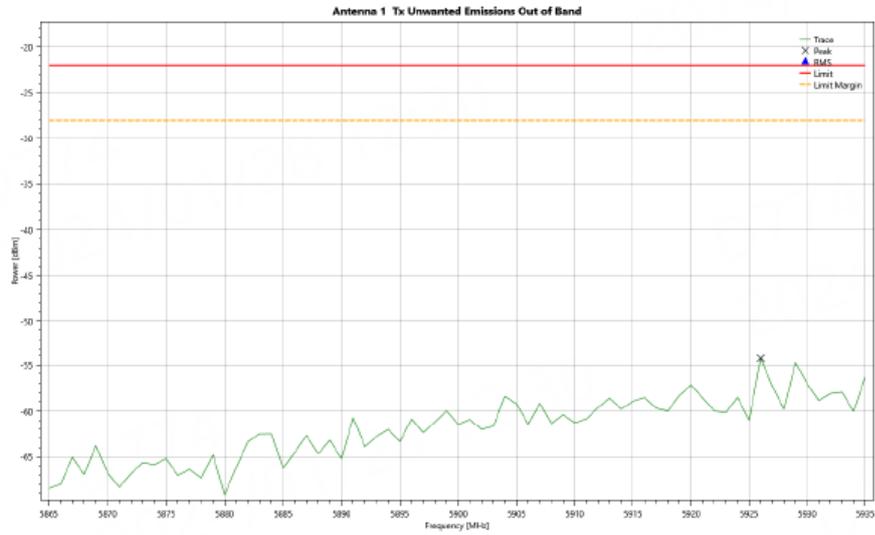


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,426.00	-15.04	-15.57	0.53	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-17.27	4.41	-21.68	Pass

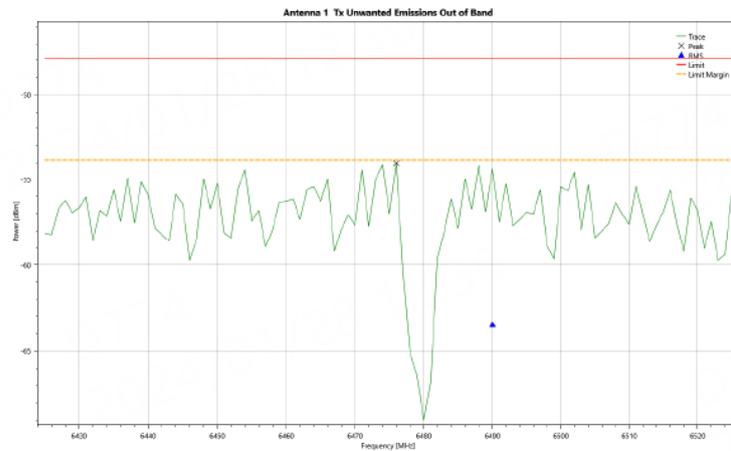
Test Mode TX Mode IEEE 802.11be(EHT40)

TX Mode 5965MHz
Ant.1



Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,926.00	-54.29	-22.00	-32.29	Pass



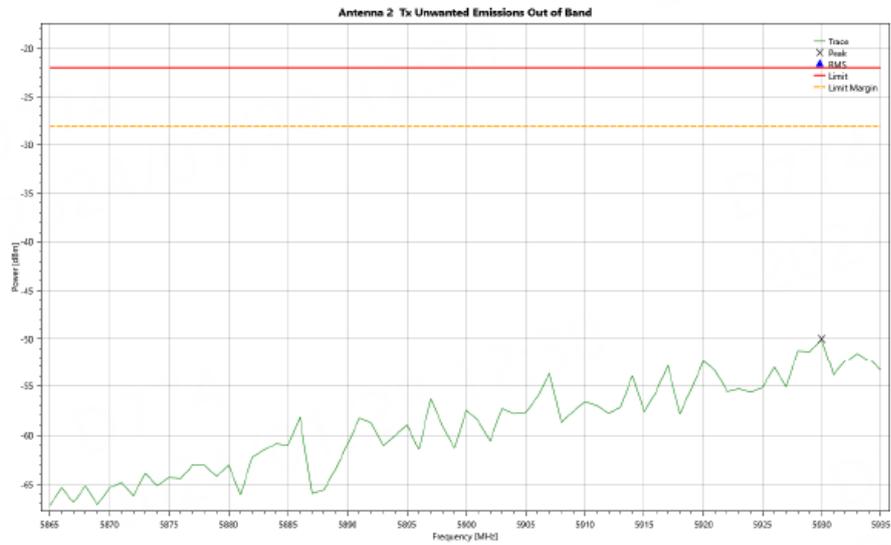
Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,476.00	-54.04	-47.85	-6.19	Pass

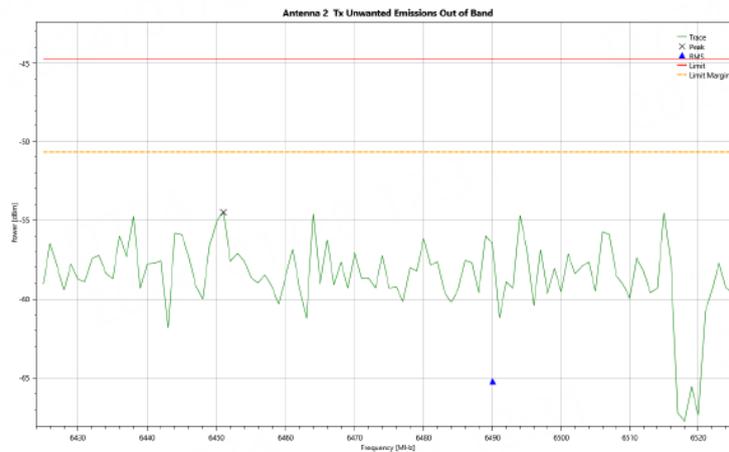
RMS

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,490.02	-63.50	-47.85	-15.65	Pass

Ant.2



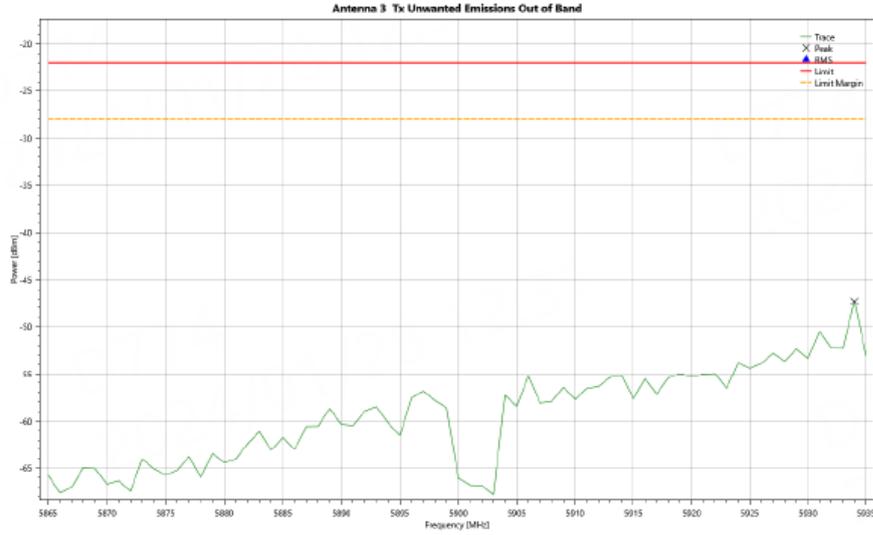
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,930.00	-49.99	-22.00	-27.99	Pass



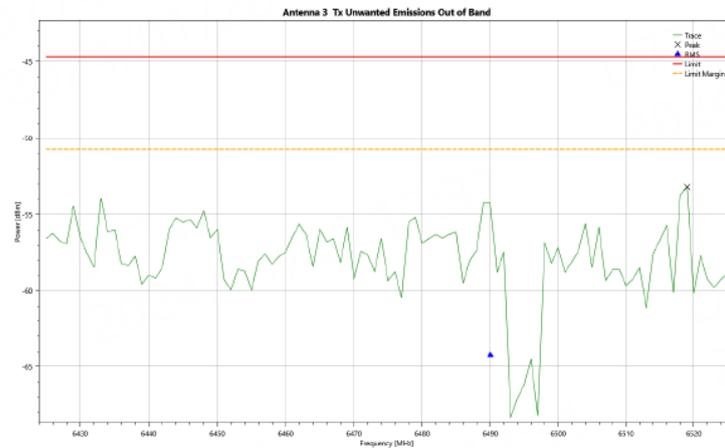
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,451.00	-54.49	-44.69	-9.80	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,490.02	-65.28	-44.69	-20.59	Pass

Ant.3



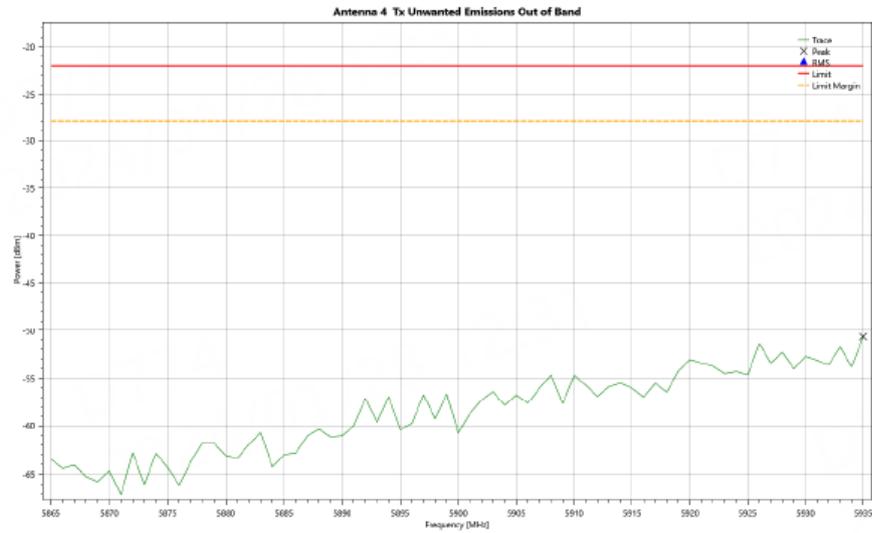
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,934.00	-47.28	-22.00	-25.28	Pass



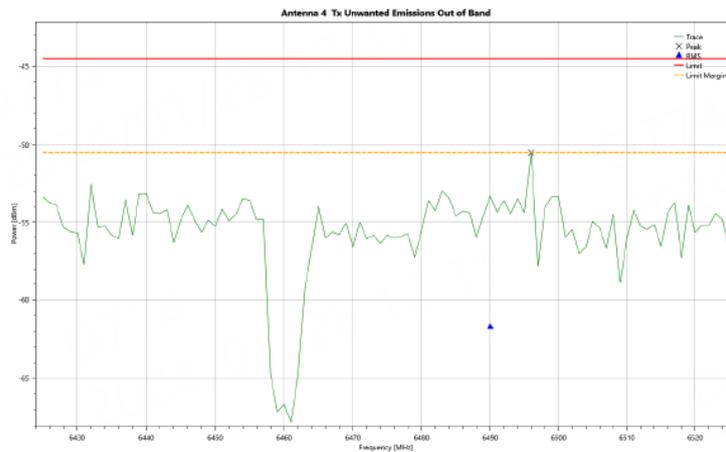
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,519.00	-53.17	-44.71	-8.46	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,490.02	-64.25	-44.71	-19.54	Pass

Ant.4



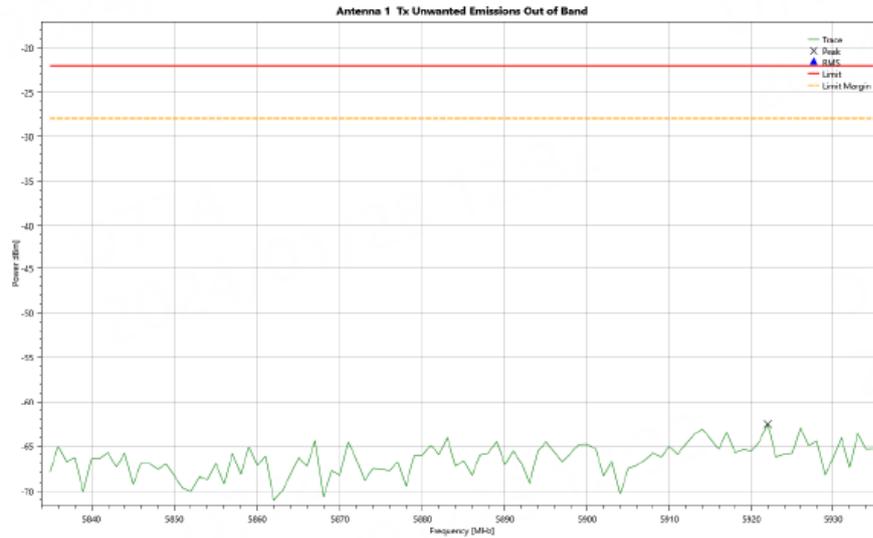
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-50.66	-22.00	-28.66	Pass



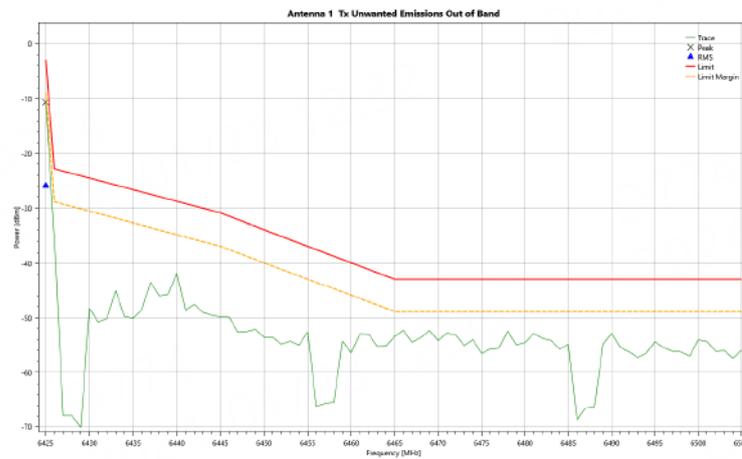
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,496.00	-50.51	-44.51	-6.00	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,490.02	-61.71	-44.51	-17.20	Pass

TX Mode_6405MHz
Ant.1



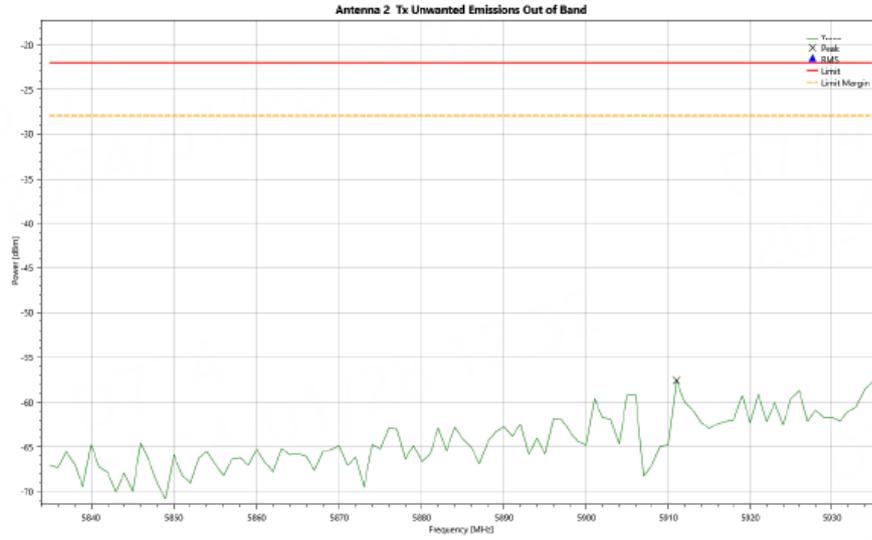
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,922.00	-62.58	-22.00	-40.58	Pass



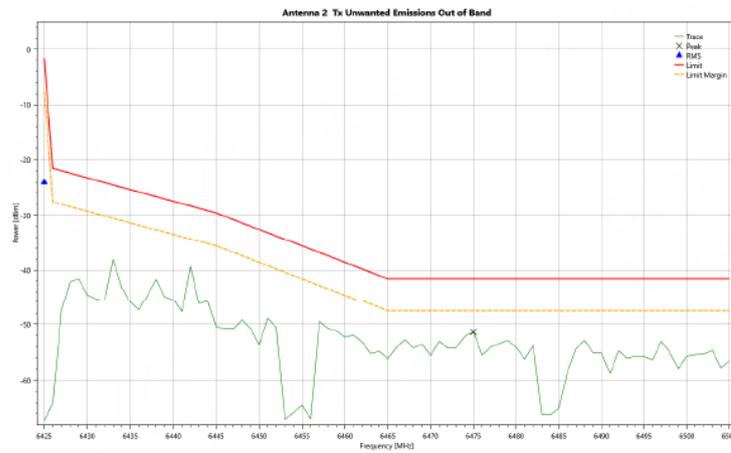
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-10.64	-2.88	-7.76	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-25.96	-2.89	-23.07	Pass

TX Mode_6405MHz
Ant.2



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,911.00	-57.53	-22.00	-35.53	Pass

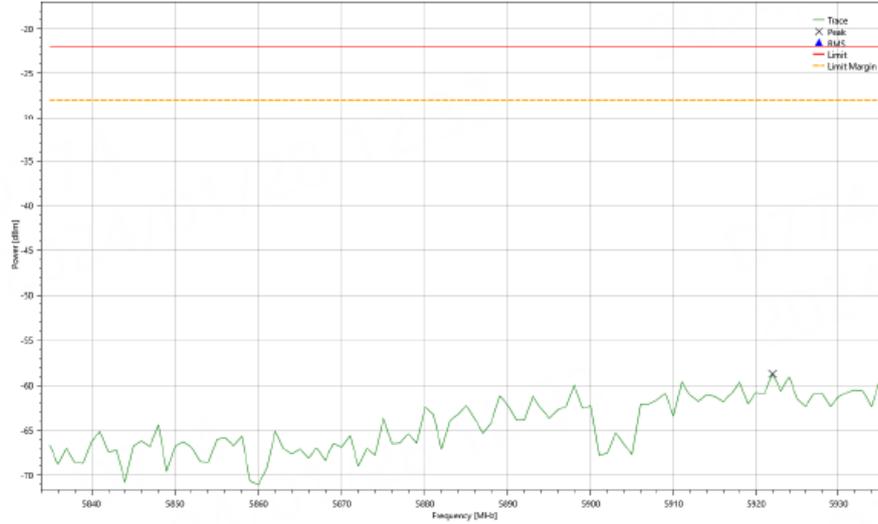


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,475.00	-51.40	-41.58	-9.82	Pass

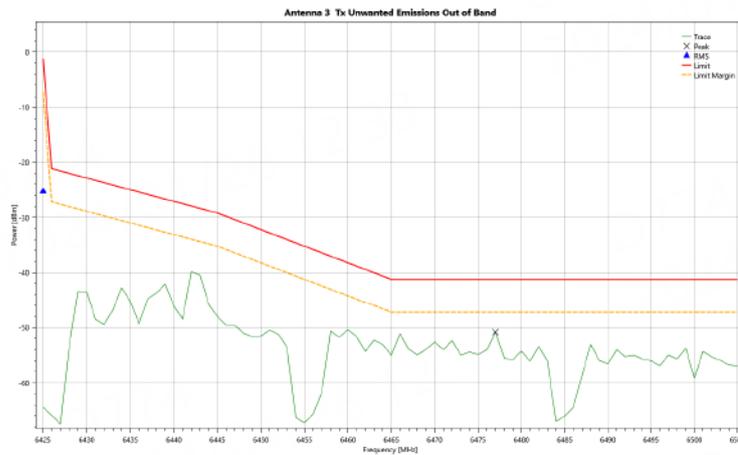
RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-24.06	-1.58	-22.48	Pass

Ant.3

Antenna 3 Tx Unwanted Emissions Out of Band



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,922.00	-58.71	-22.00	-36.71	Pass

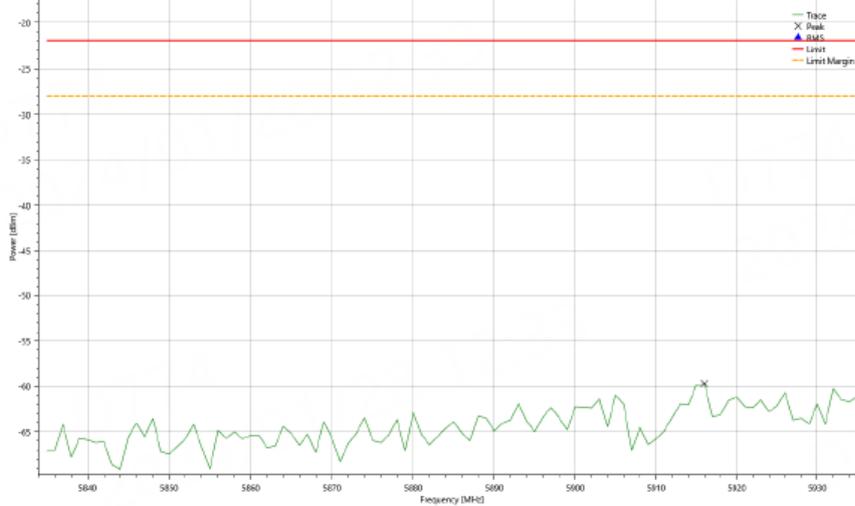


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,477.00	-50.83	-41.18	-9.65	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-25.29	-1.20	-24.09	Pass

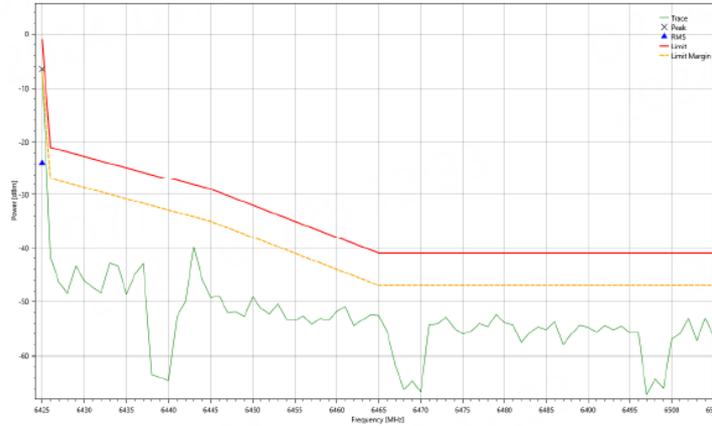
Ant.4

Antenna 4 Tx Unwanted Emissions Out of Band



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,916.00	-59.69	-22.00	-37.69	Pass

Antenna 4 Tx Unwanted Emissions Out of Band

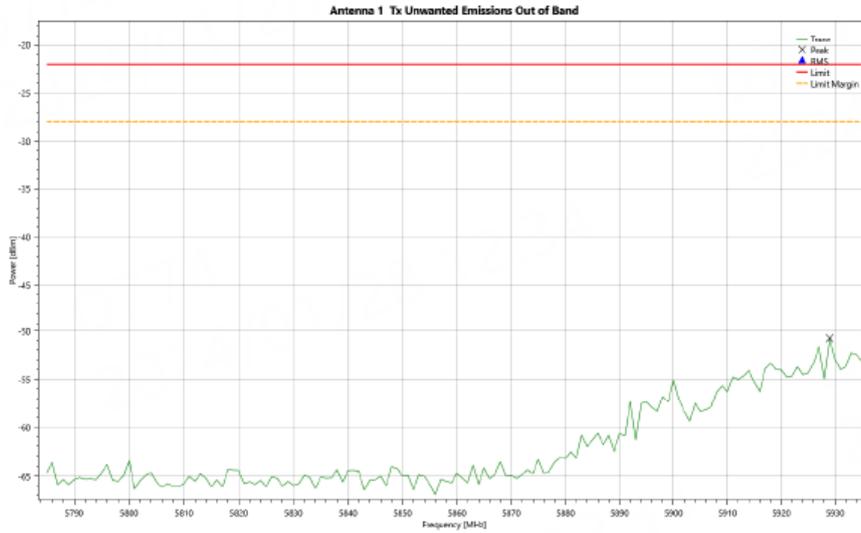


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-6.37	-1.00	-5.37	Fail

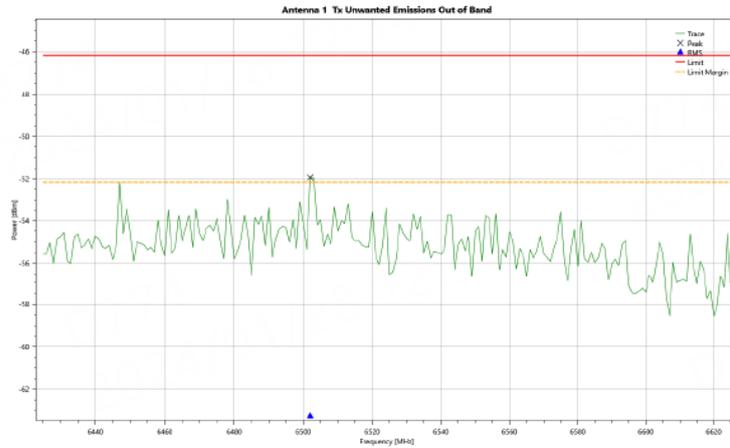
RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-23.92	-1.00	-22.92	Pass

Test Mode TX Mode IEEE 802.11be(EHT80)

TX Mode_5985MHz Ant.1



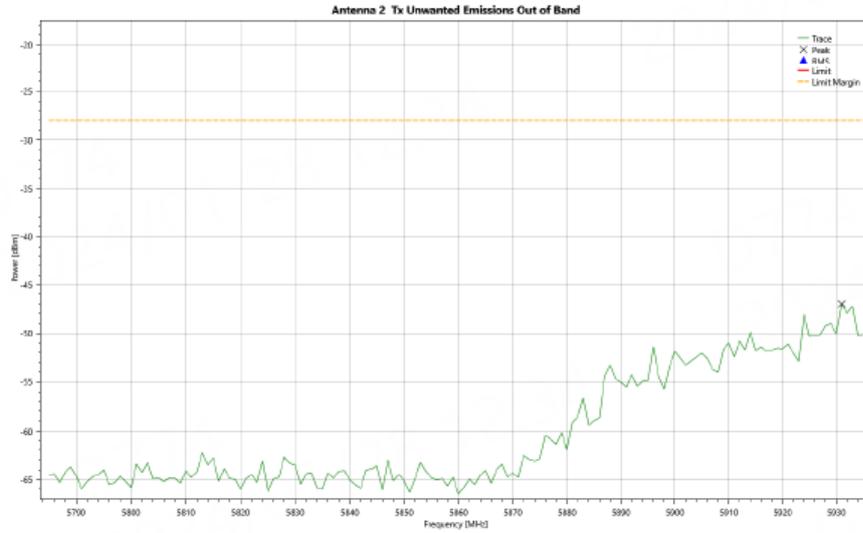
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,929.00	-50.75	-22.00	-28.75	Pass



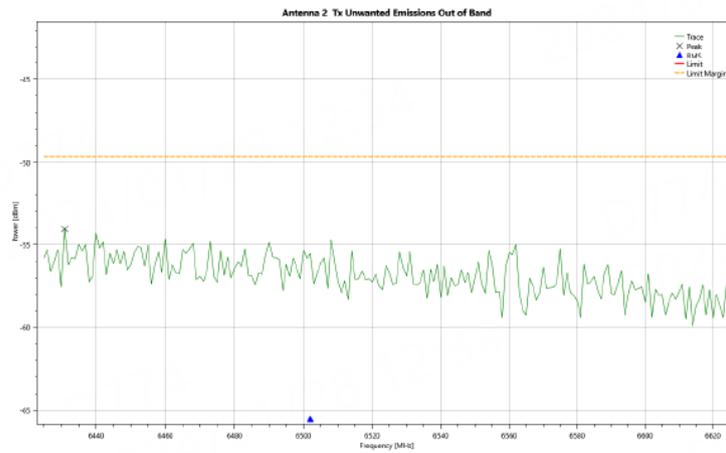
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,502.00	-51.93	-46.17	-5.76	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,502.00	-63.25	-46.17	-17.08	Pass

Ant.2



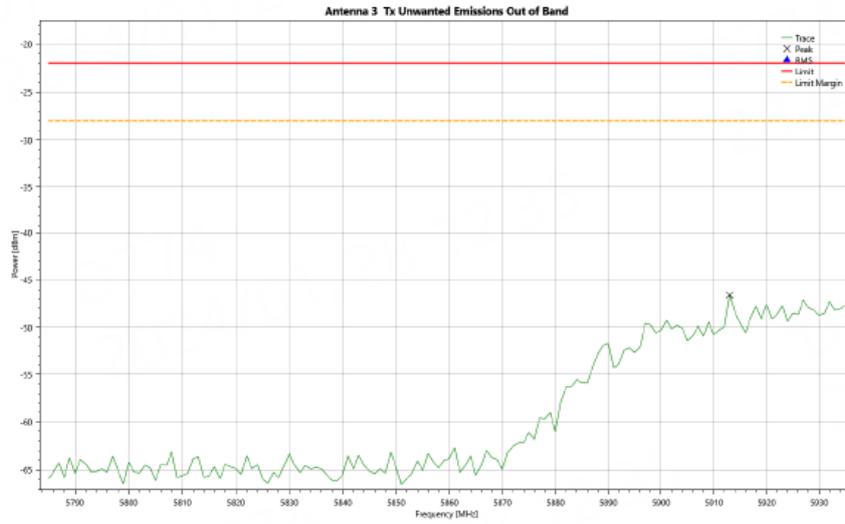
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,931.00	-46.99	-22.00	-24.99	Pass



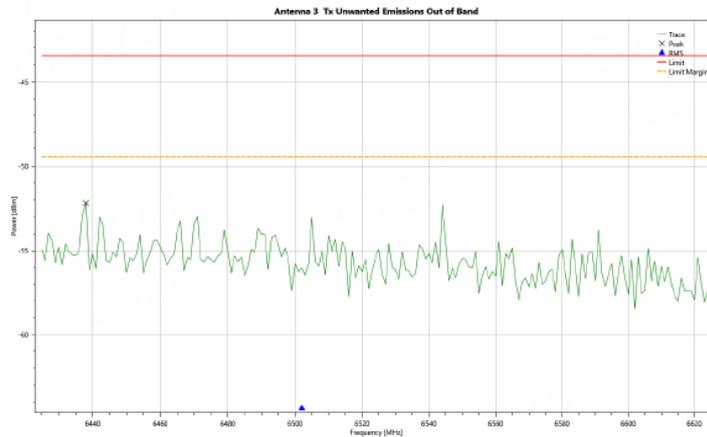
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,431.00	-54.03	-43.66	-10.37	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,501.98	-65.54	-43.66	-21.88	Pass

Ant.3



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,913.00	-46.60	-22.00	-24.60	Pass

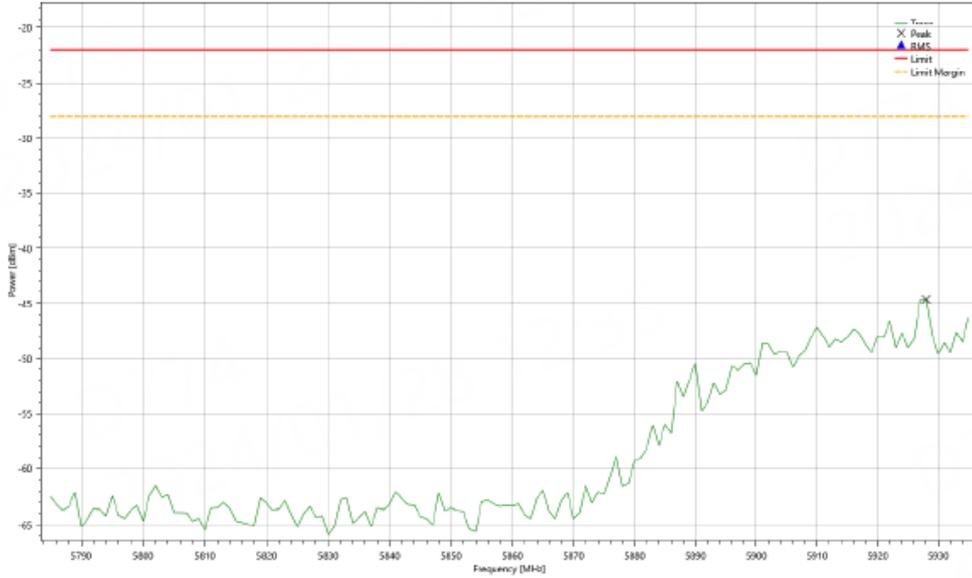


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,438.00	-52.18	-43.45	-8.73	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,502.02	-64.35	-43.45	-20.90	Pass

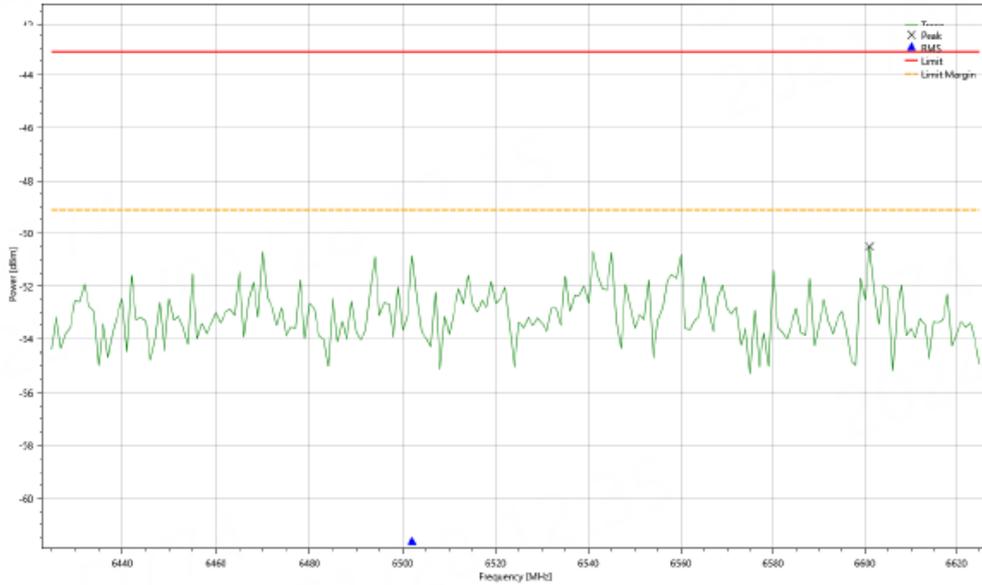
Ant.4

Antenna 4 Tx Unwanted Emissions Out of Band



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,928.00	-44.64	-22.00	-22.64	Pass

Antenna 4 Tx Unwanted Emissions Out of Band

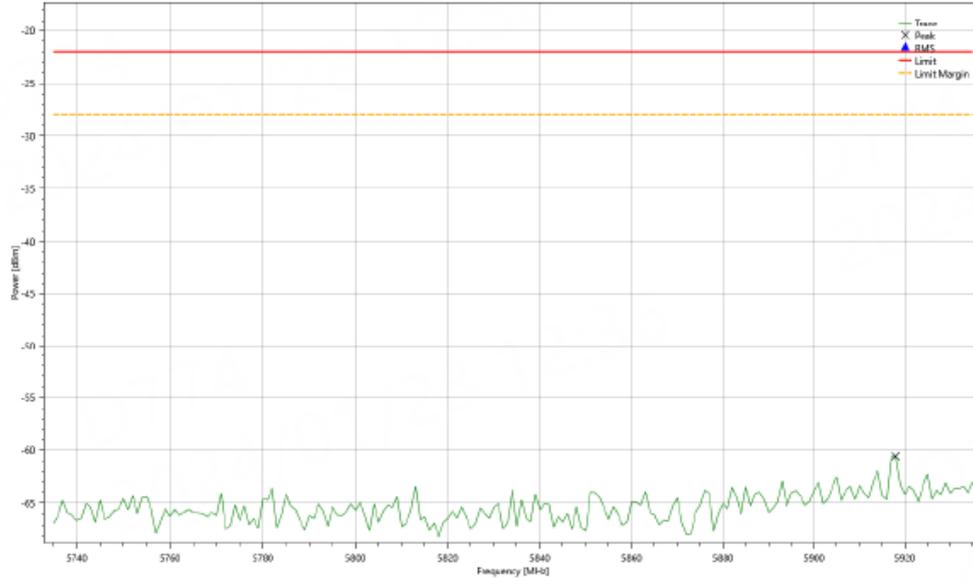


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,601.00	-50.50	-43.12	-7.38	Pass

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,501.99	-61.66	-43.12	-18.54	Pass

TX Mode_6385MHz Ant.1

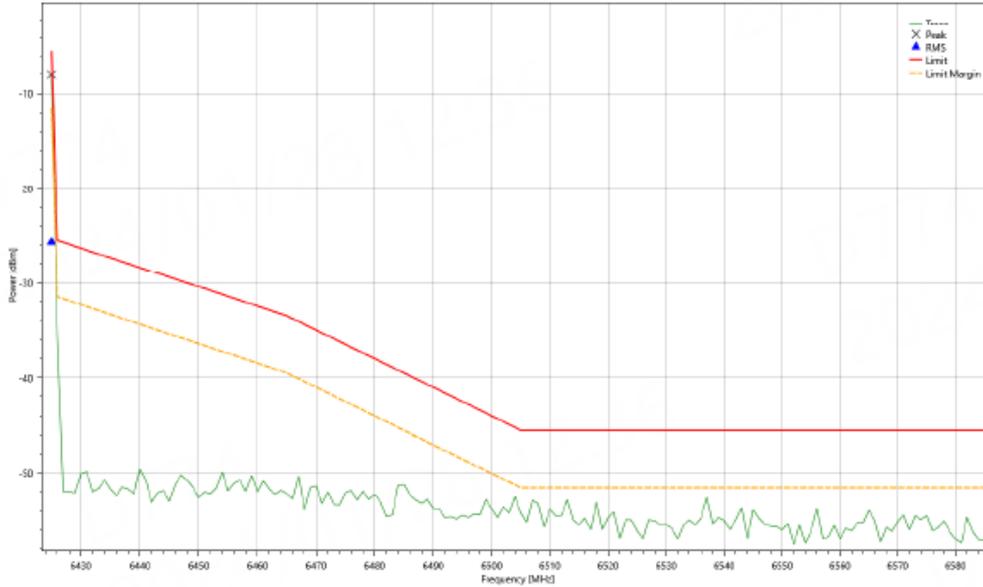
Antenna 1 Tx Unwanted Emissions Out of Band



Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,918.00	-60.59	-22.00	-38.59	Pass

Antenna 1 Tx Unwanted Emissions Out of Band



Peak

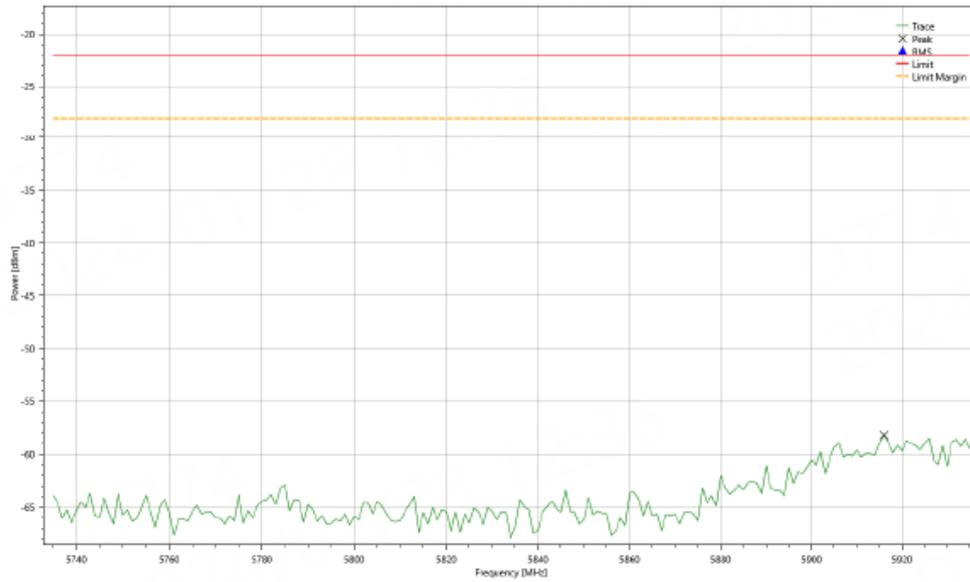
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-7.98	-5.50	-2.48	Fail

RMS

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-25.68	-5.51	-20.17	Pass

Ant.2

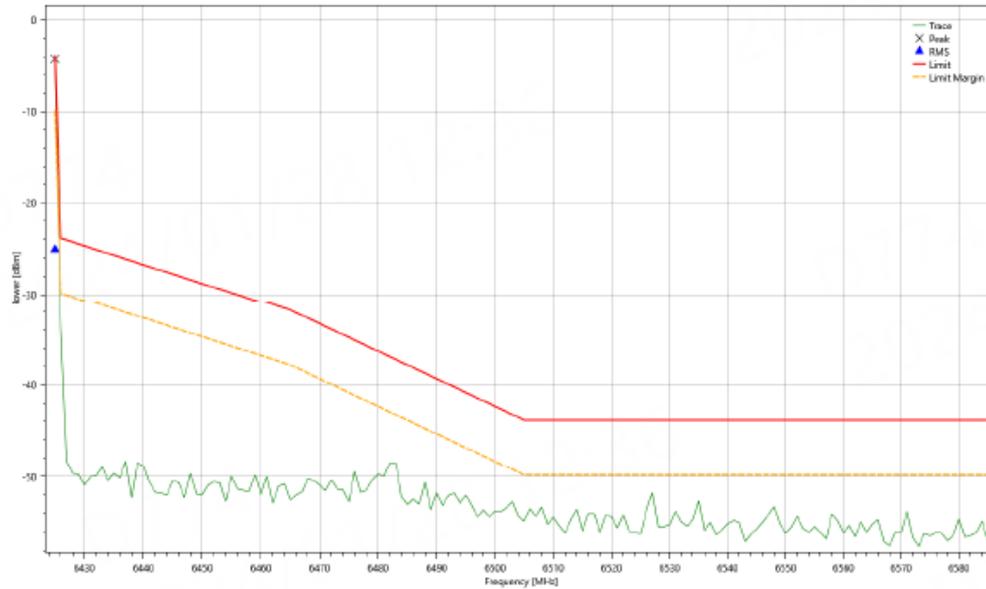
Antenna 2 Tx Unwanted Emissions Out of Band



Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,916.00	-58.22	-22.00	-36.22	Pass

Antenna 2 Tx Unwanted Emissions Out of Band



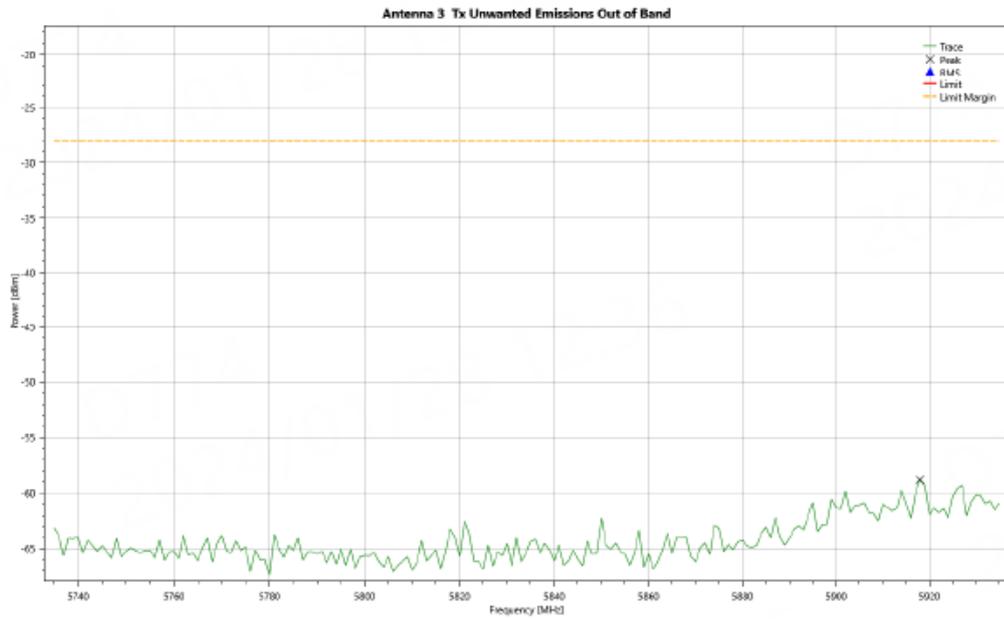
Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-4.27	-3.84	-0.43	Fail

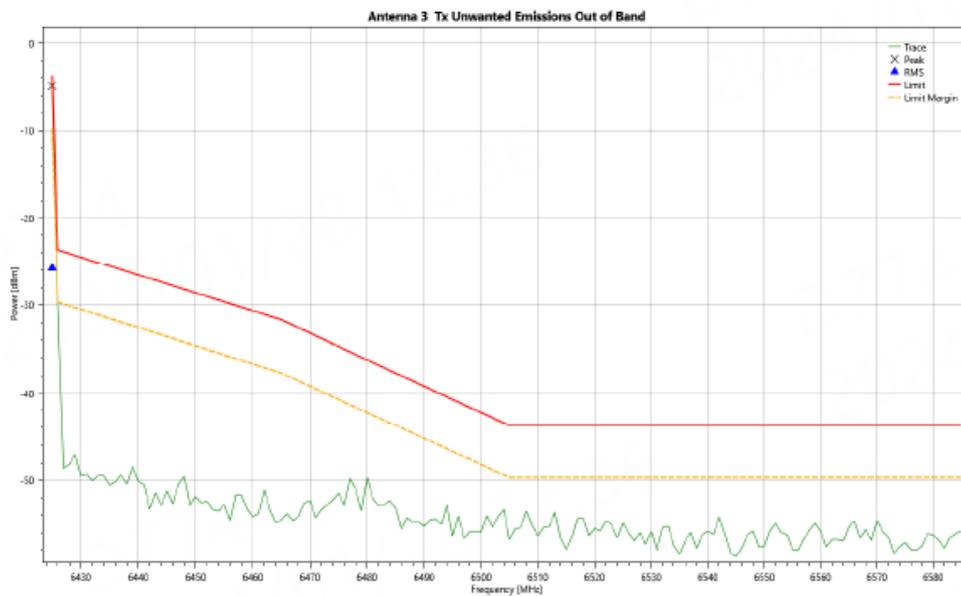
RMS

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-25.06	-3.85	-21.21	Pass

Ant.3



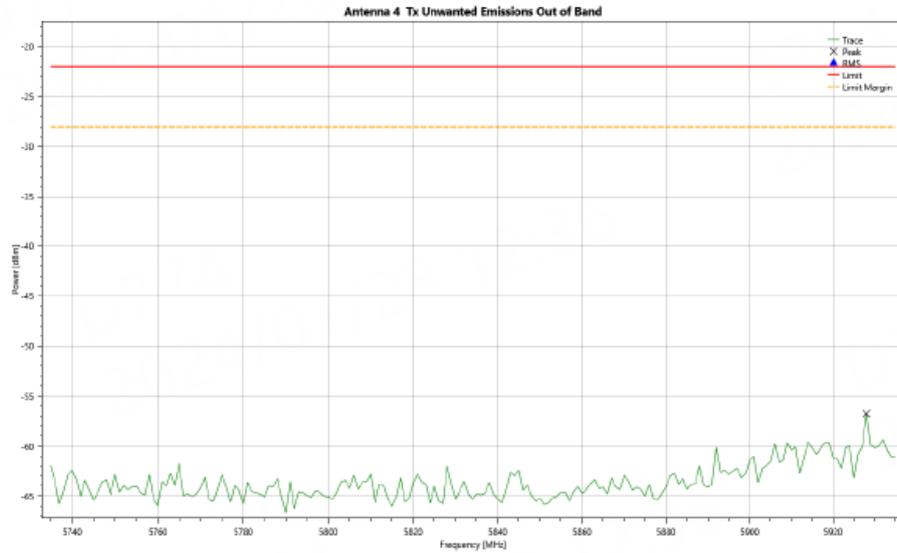
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,918.00	-58.84	-22.00	-36.84	Pass



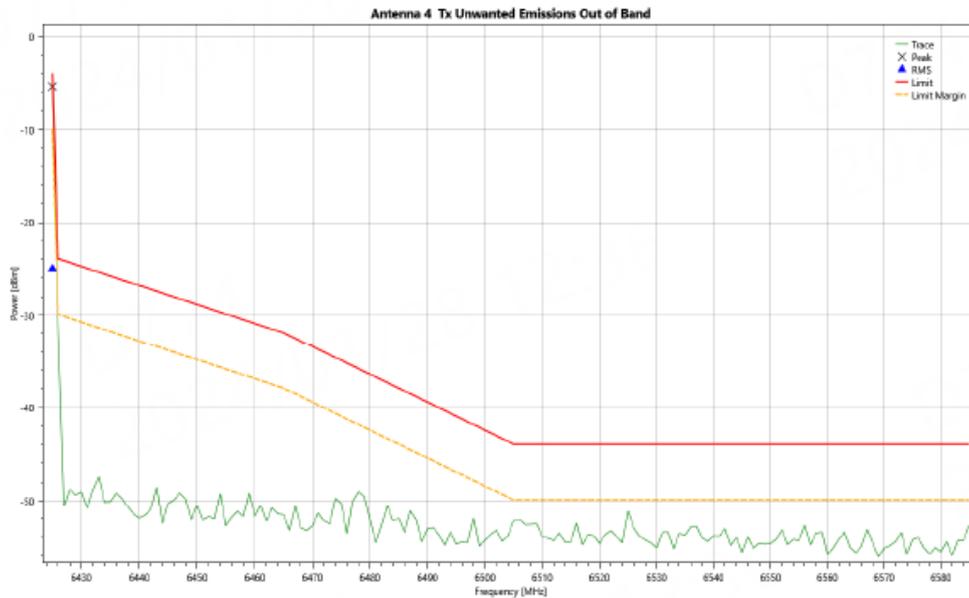
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-4.88	-3.69	-1.19	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-25.78	-3.70	-22.08	Pass

Ant.4



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,928.00	-56.75	-22.00	-34.75	Pass

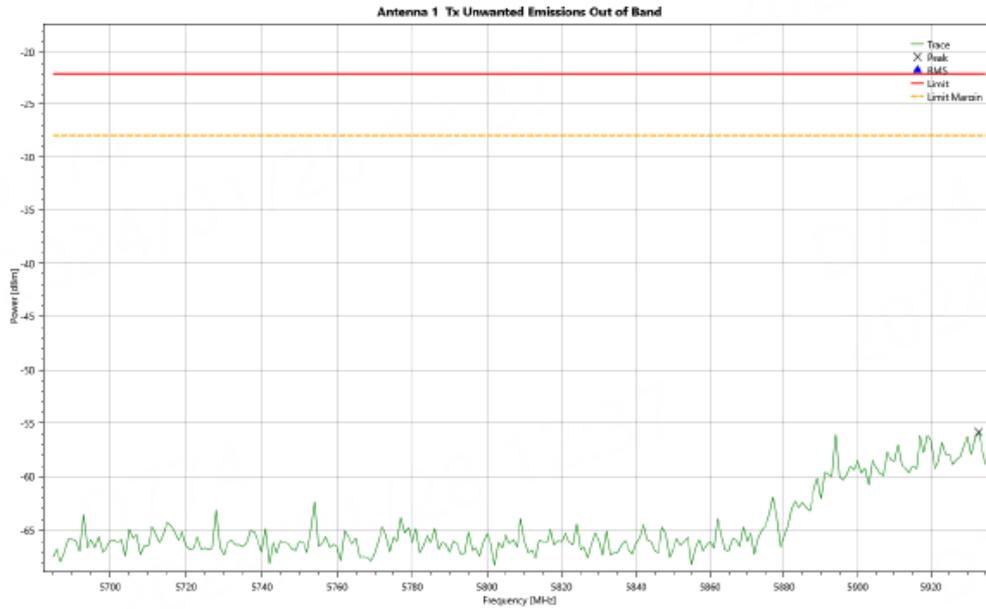


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-5.34	-3.90	-1.44	Fail

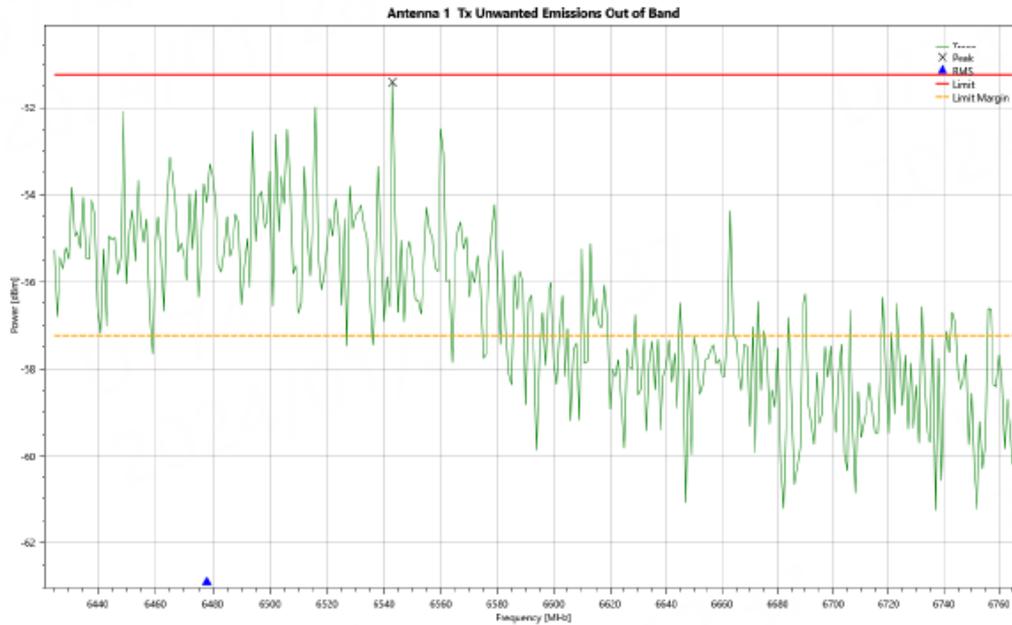
RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-24.99	-3.92	-21.07	Pass

Test Mode TX Mode IEEE 802.11be(EHT160)

TX Mode_6025MHz Ant.1



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,933.00	-55.82	-22.00	-33.82	Pass

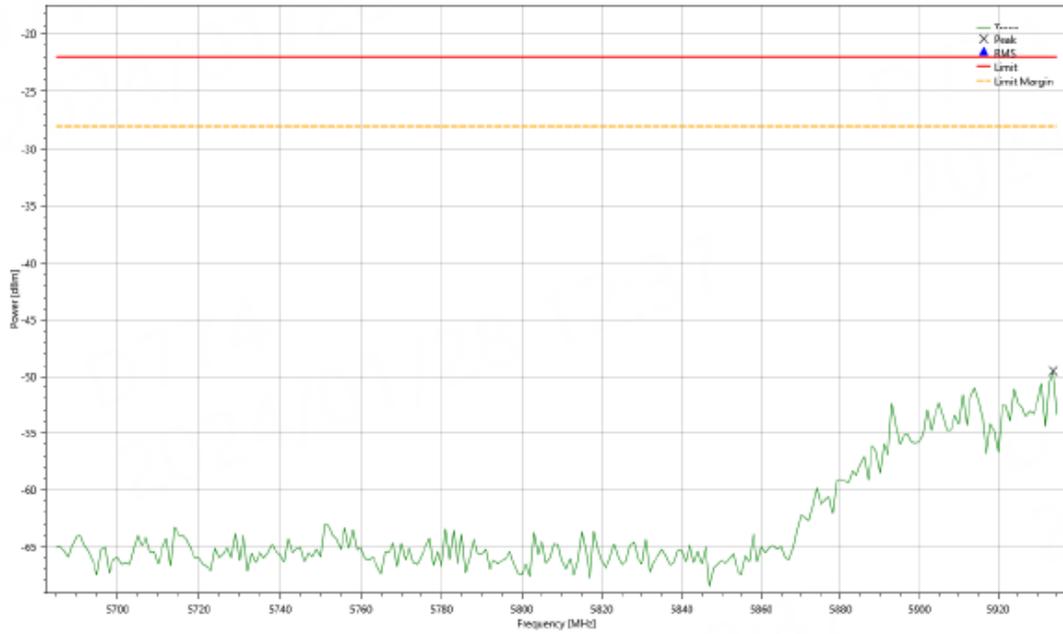


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,543.00	-51.42	-51.24	-0.18	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,478.01	-62.89	-51.24	-11.65	Pass

Ant.2

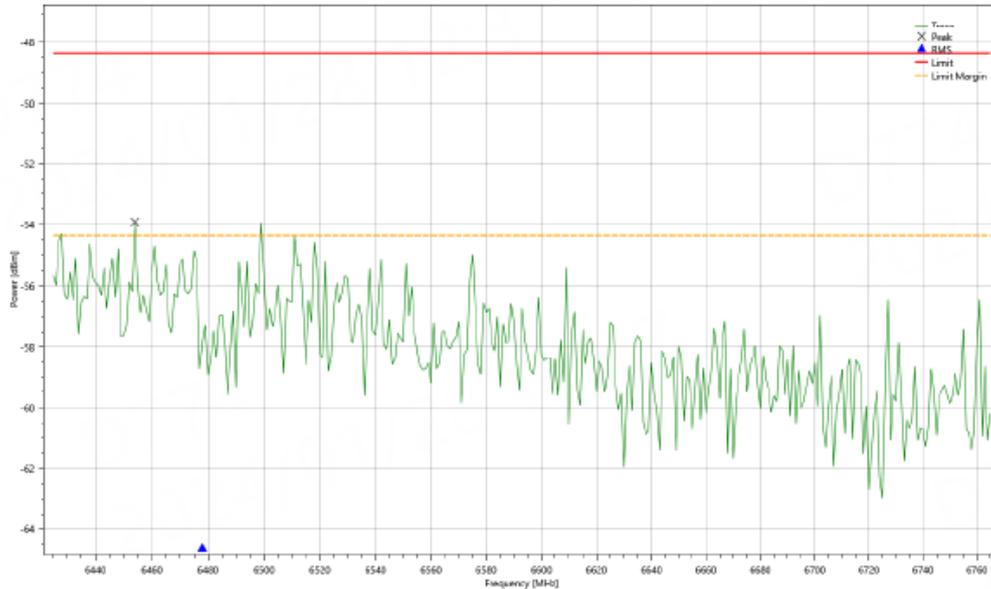
Antenna 2 Tx Unwanted Emissions Out of Band



Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,934.00	-49.50	-22.00	-27.50	Pass

Antenna 2 Tx Unwanted Emissions Out of Band



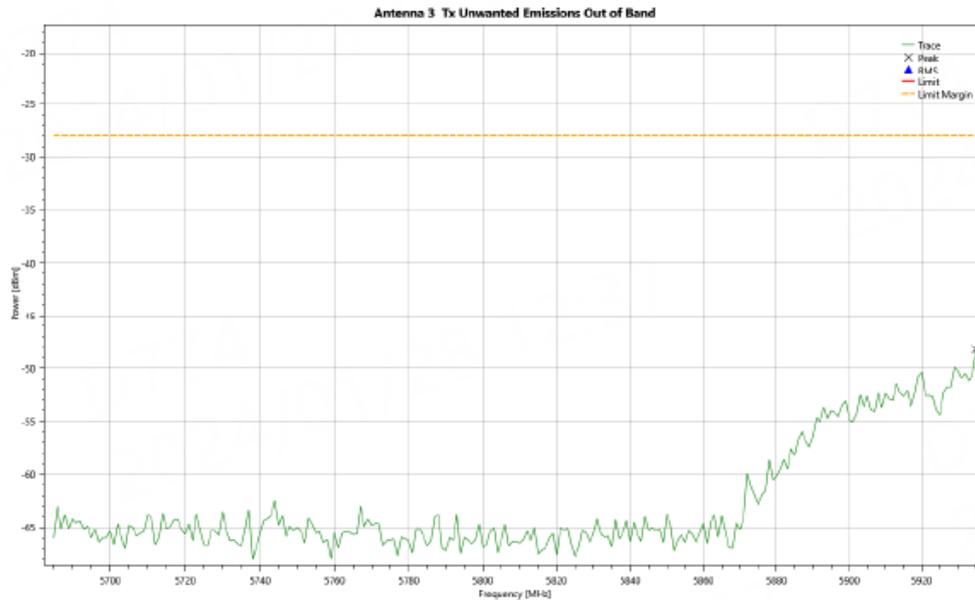
Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,454.00	-53.93	-48.36	-5.57	Fail

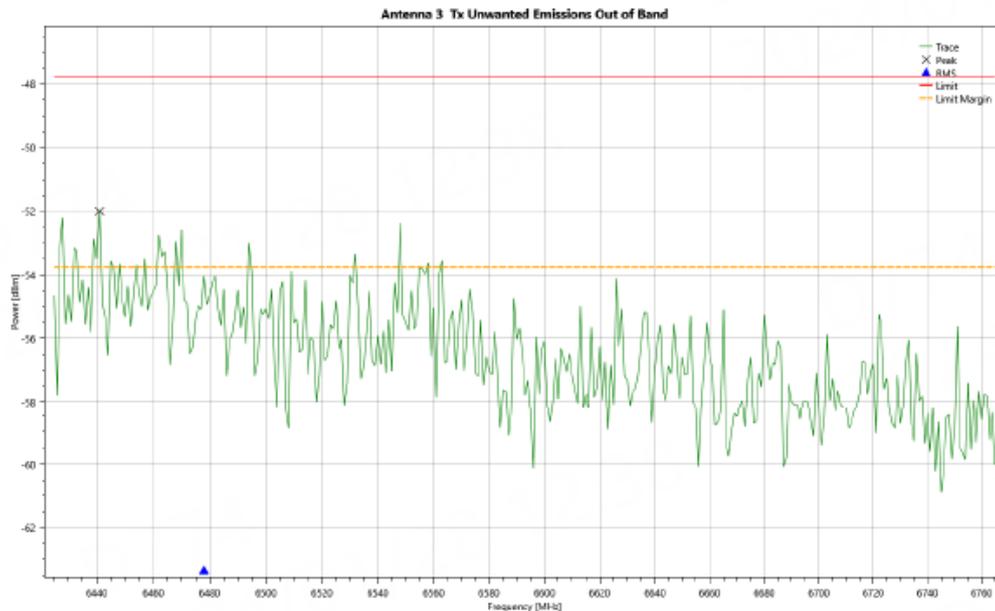
RMS

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,478.01	-64.66	-48.36	-16.30	Pass

Ant.3



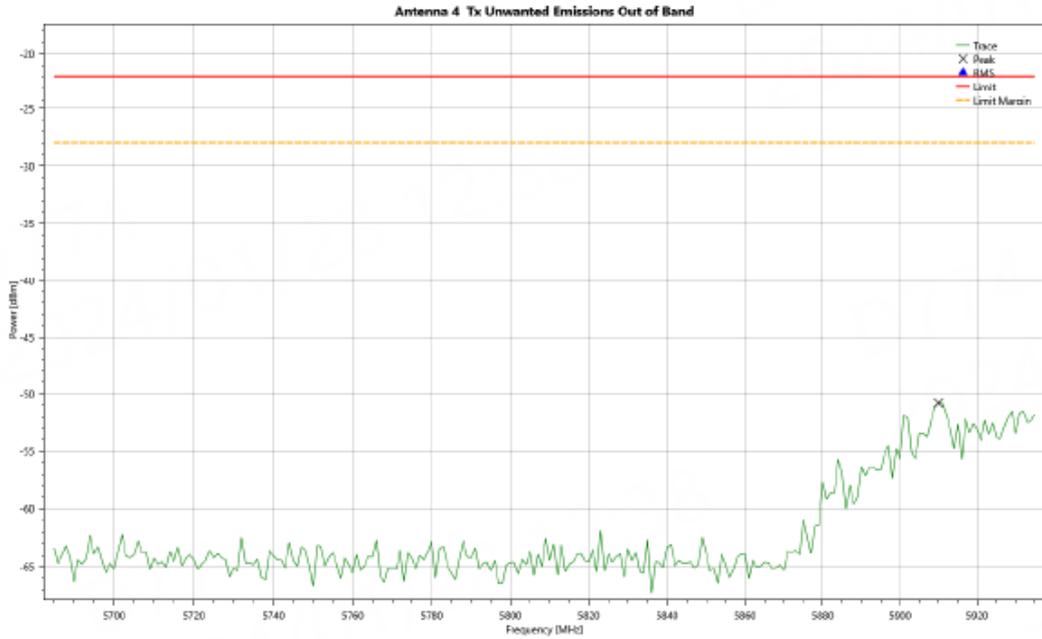
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-48.21	-22.00	-26.21	Pass



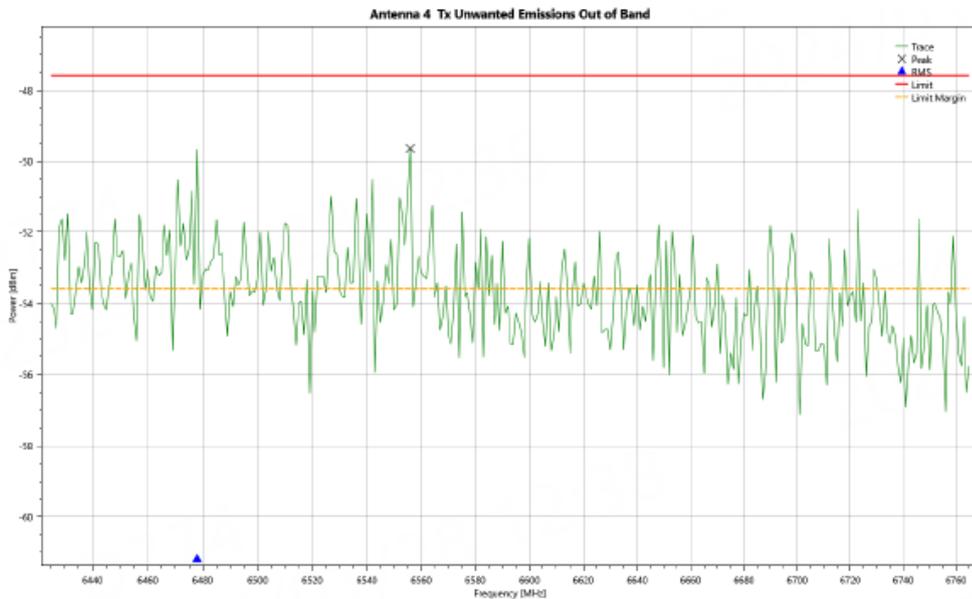
Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,441.00	-52.00	-47.75	-4.25	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,478.01	-63.35	-47.75	-15.60	Pass

Ant.4



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,910.00	-50.80	-22.00	-28.80	Pass

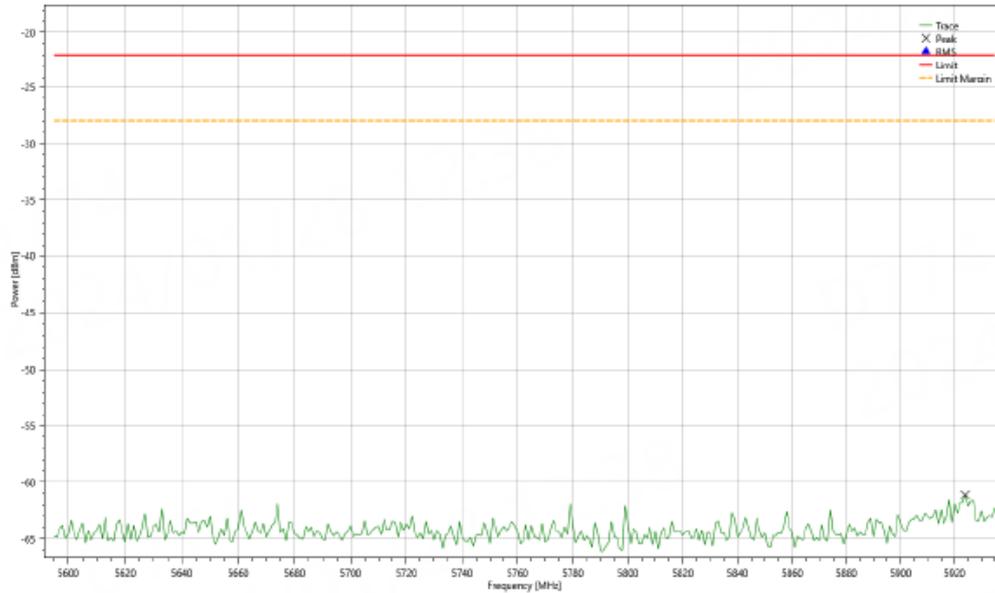


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,556.00	-49.63	-47.58	-2.05	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,478.00	-61.20	-47.58	-13.62	Pass

TX Mode_6345MHz Ant.1

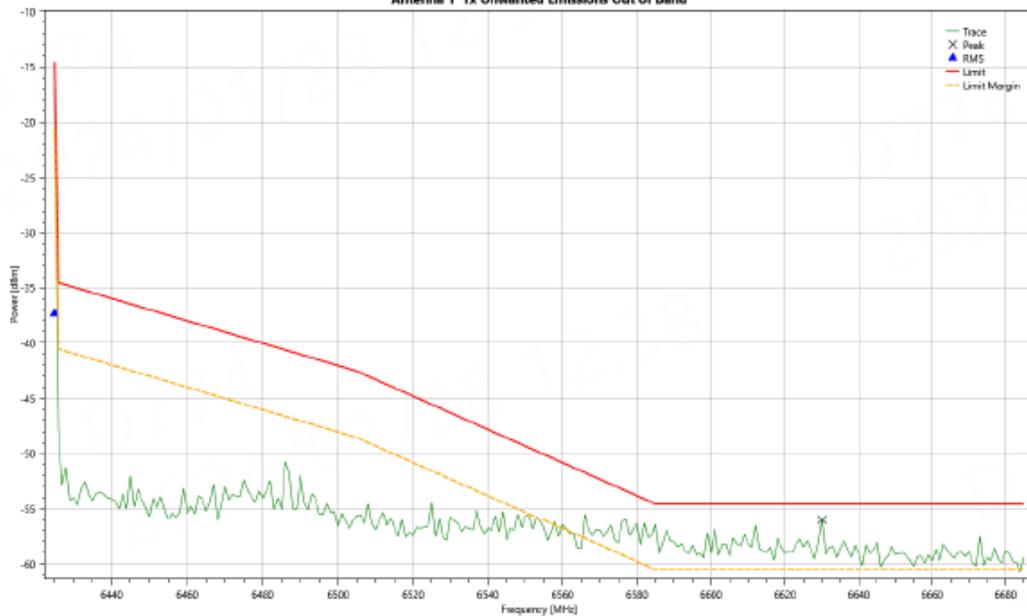
Antenna 1 Tx Unwanted Emissions Out of Band



Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,924.00	-61.11	-22.00	-39.11	Pass

Antenna 1 Tx Unwanted Emissions Out of Band



Peak

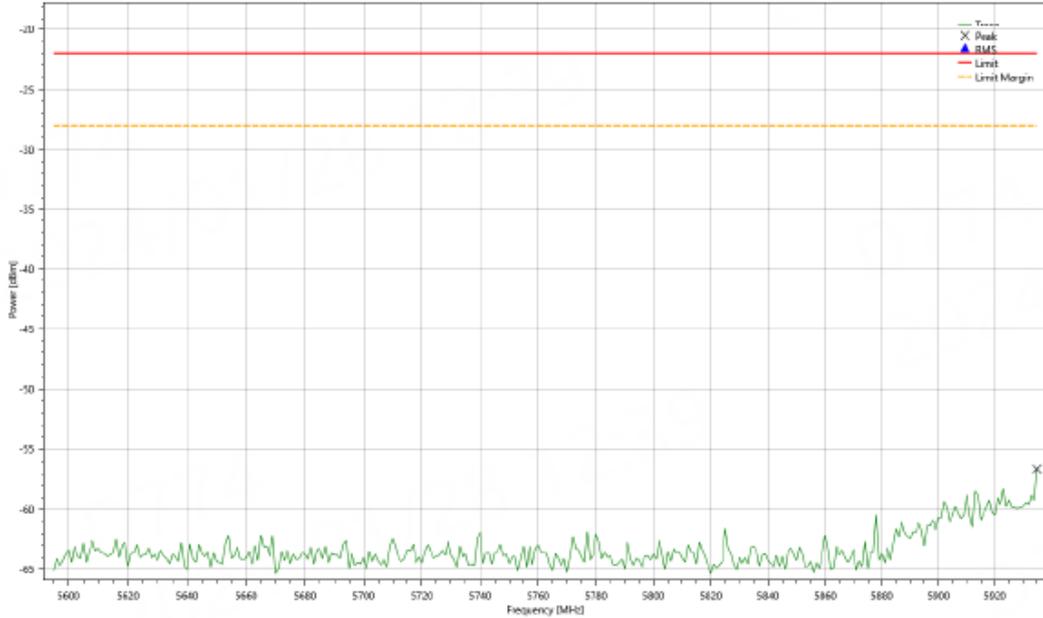
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,630.00	-56.00	-54.55	-1.45	Fail

RMS

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-37.35	-14.56	-22.79	Pass

Ant.2

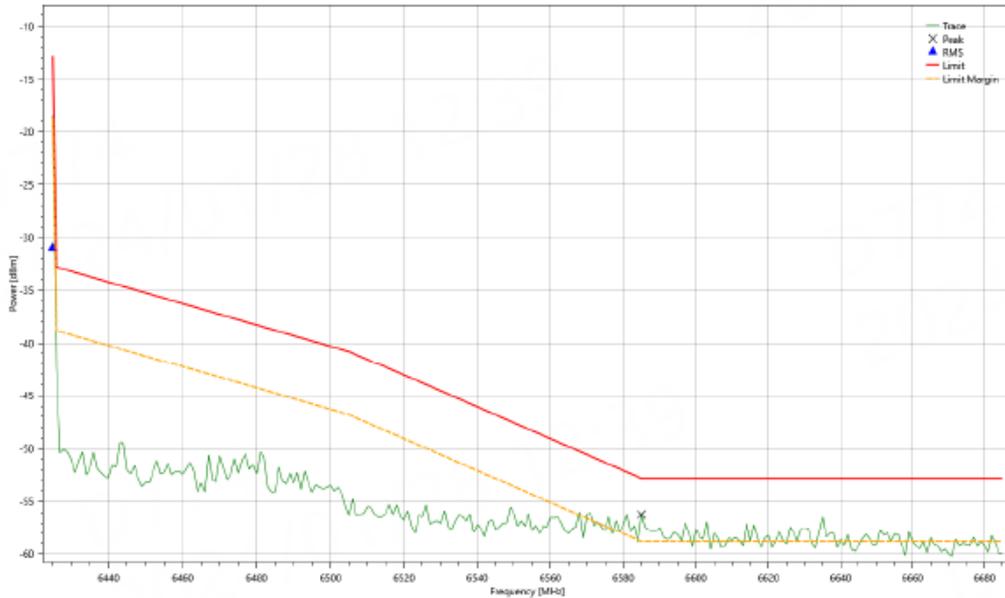
Antenna 2 Tx Unwanted Emissions Out of Band



Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,935.00	-56.62	-22.00	-34.62	Pass

Antenna 2 Tx Unwanted Emissions Out of Band



Peak

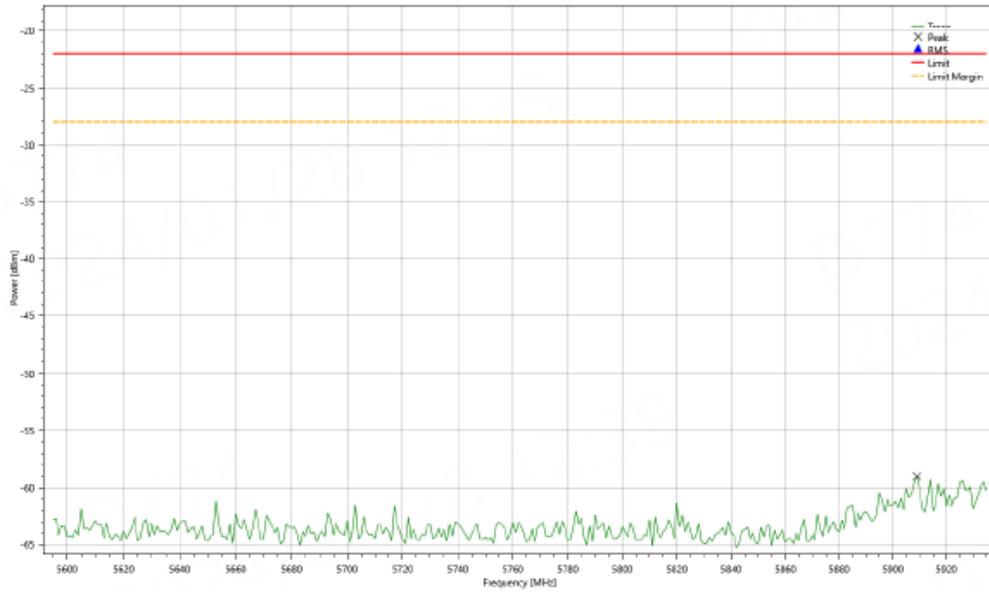
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,585.00	-56.19	-52.80	-3.39	Fail

RMS

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-31.00	-12.81	-18.19	Pass

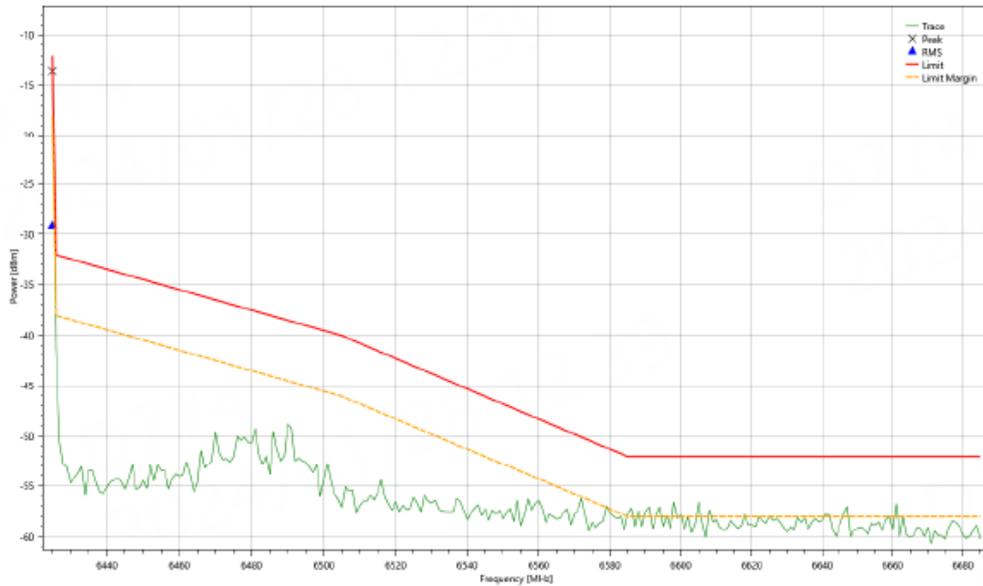
Ant.3

Antenna 3 Tx Unwanted Emissions Out of Band



Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,909.00	-59.01	-22.00	-37.01	Pass

Antenna 3 Tx Unwanted Emissions Out of Band

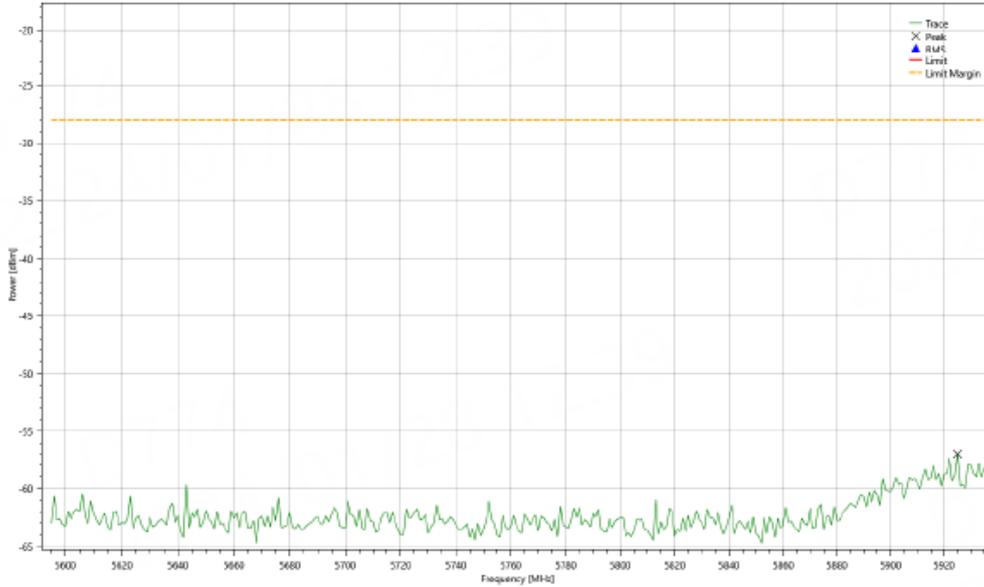


Peak				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-13.57	-12.04	-1.53	Fail

RMS				
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-29.18	-12.04	-17.14	Pass

Ant.4

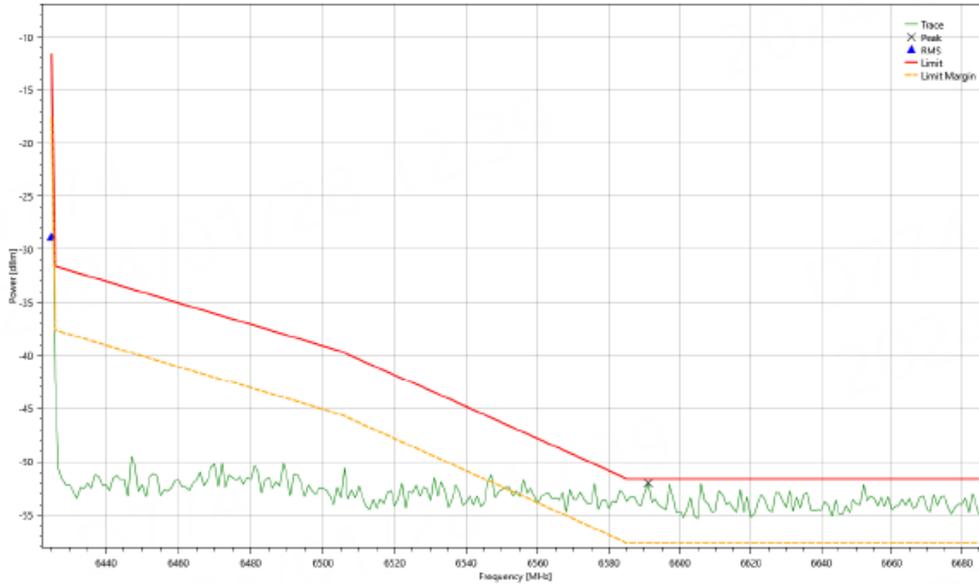
Antenna 4 Tx Unwanted Emissions Out of Band



Peak

Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
5,925.00	-56.97	-22.00	-34.97	Pass

Antenna 4 Tx Unwanted Emissions Out of Band



Peak

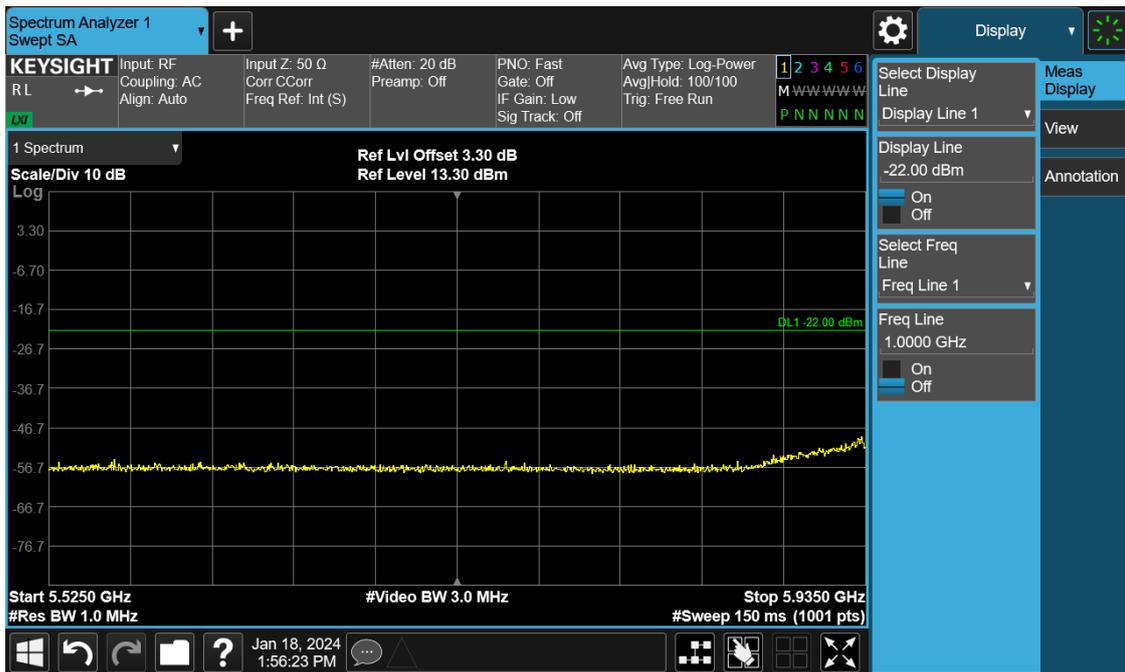
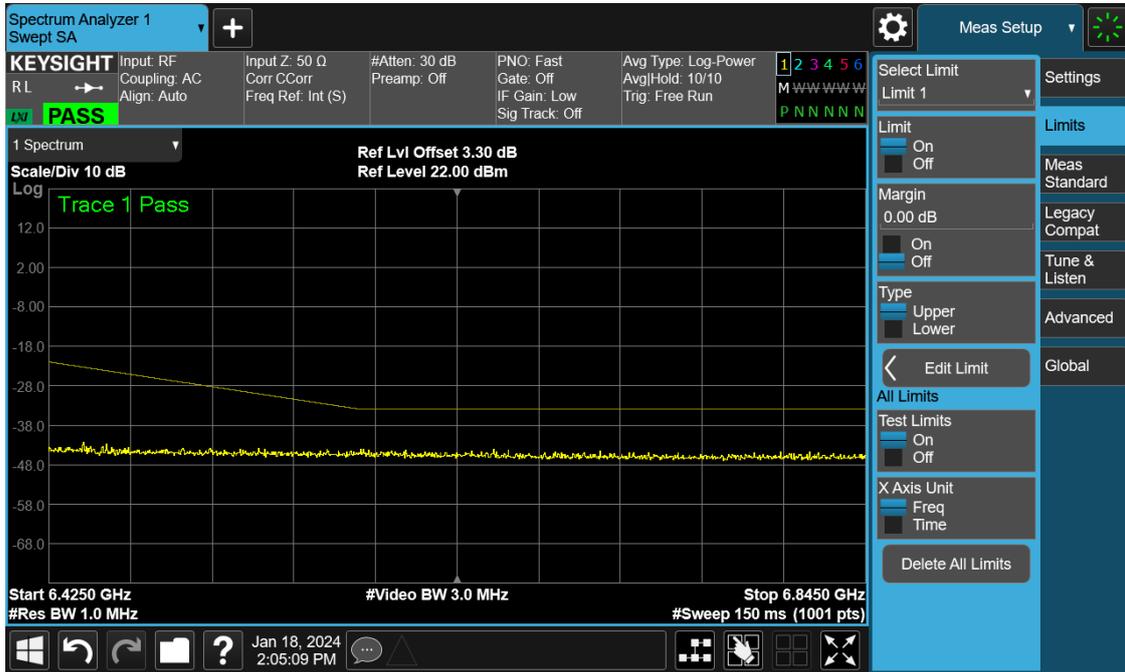
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,591.00	-52.01	-51.58	-0.43	Fail

RMS

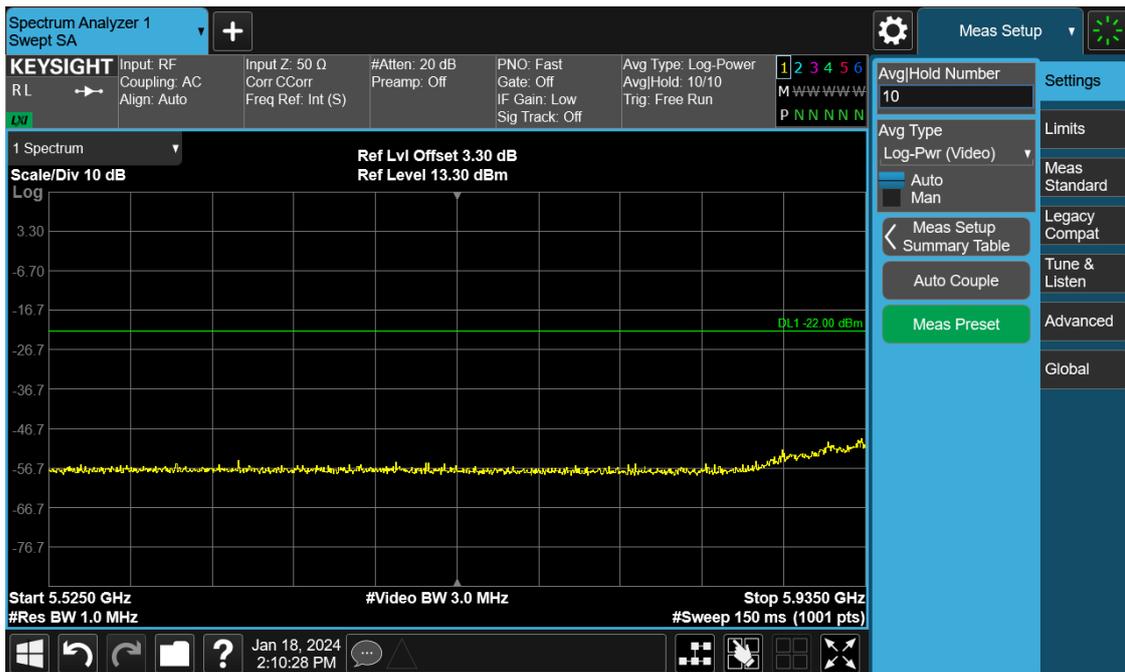
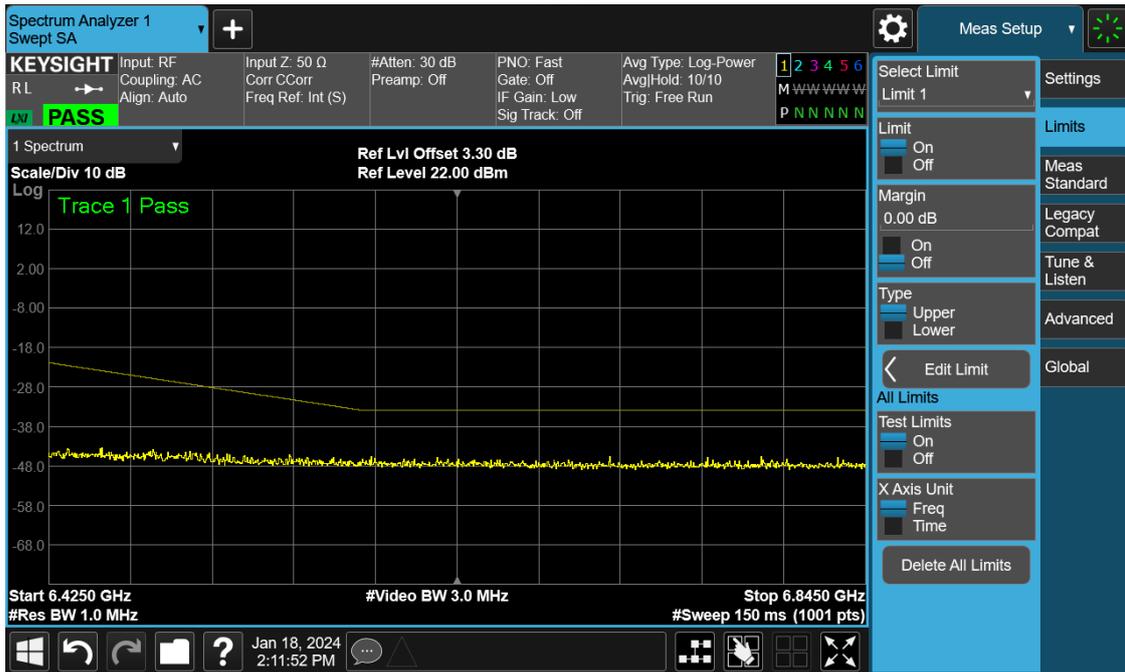
Freq (MHz)	Emission (dBm)	Limit (dBm)	Over Limit (dB)	Status
6,425.00	-28.93	-11.59	-17.34	Pass

Test Mode TX Mode IEEE 802.11be(EHT320)

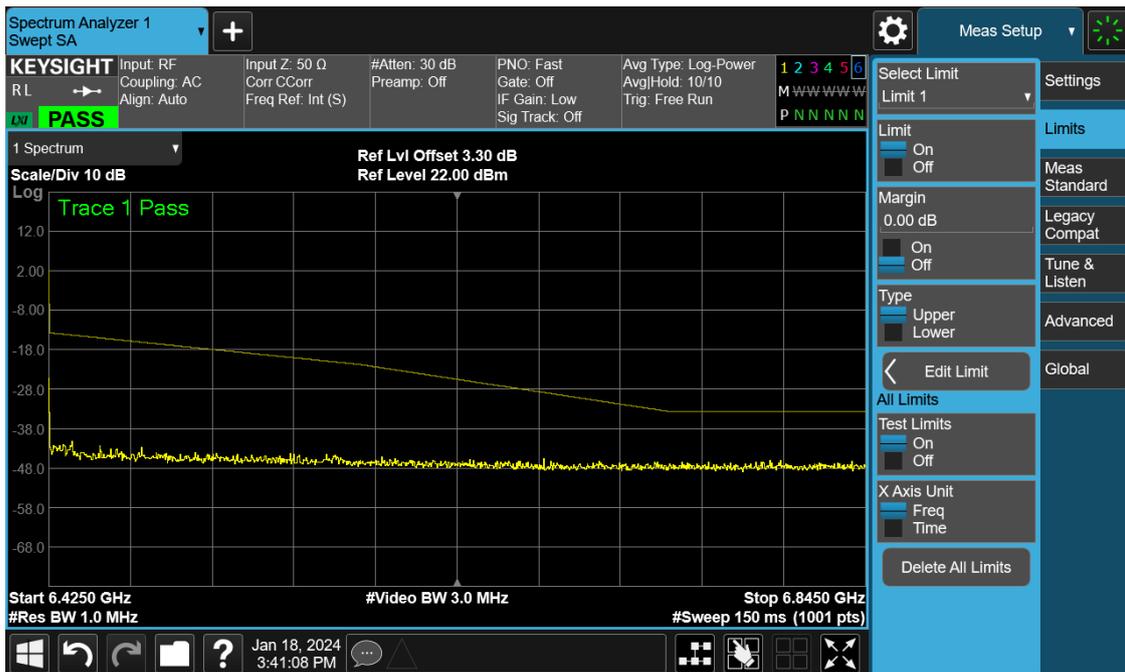
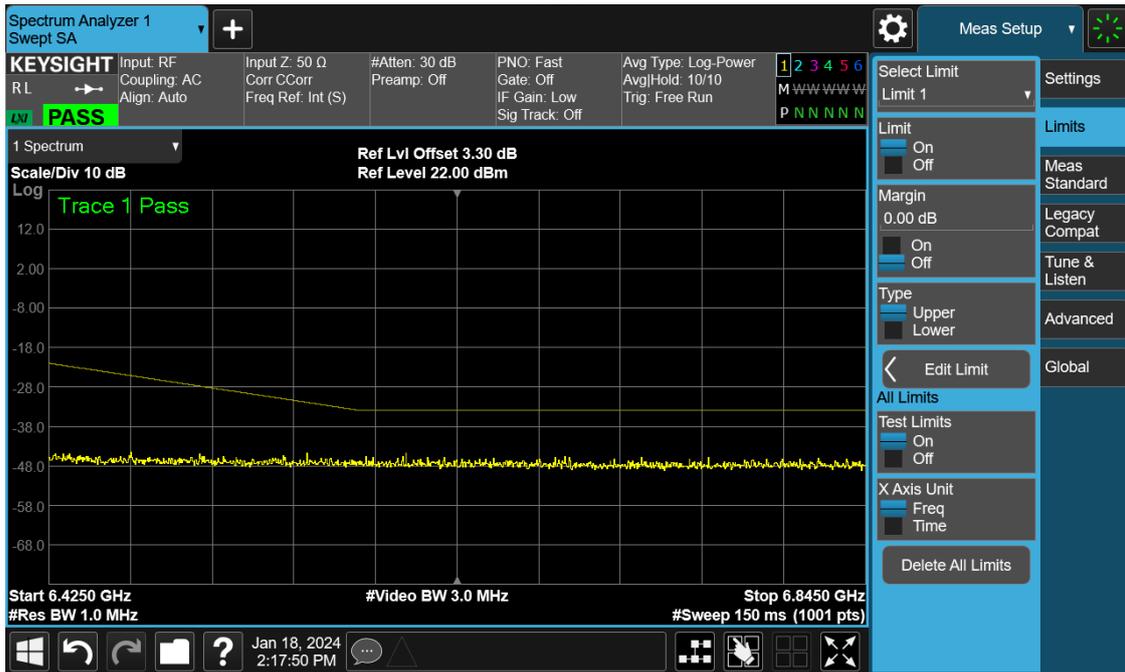
TX Mode_6105MHz Ant.1



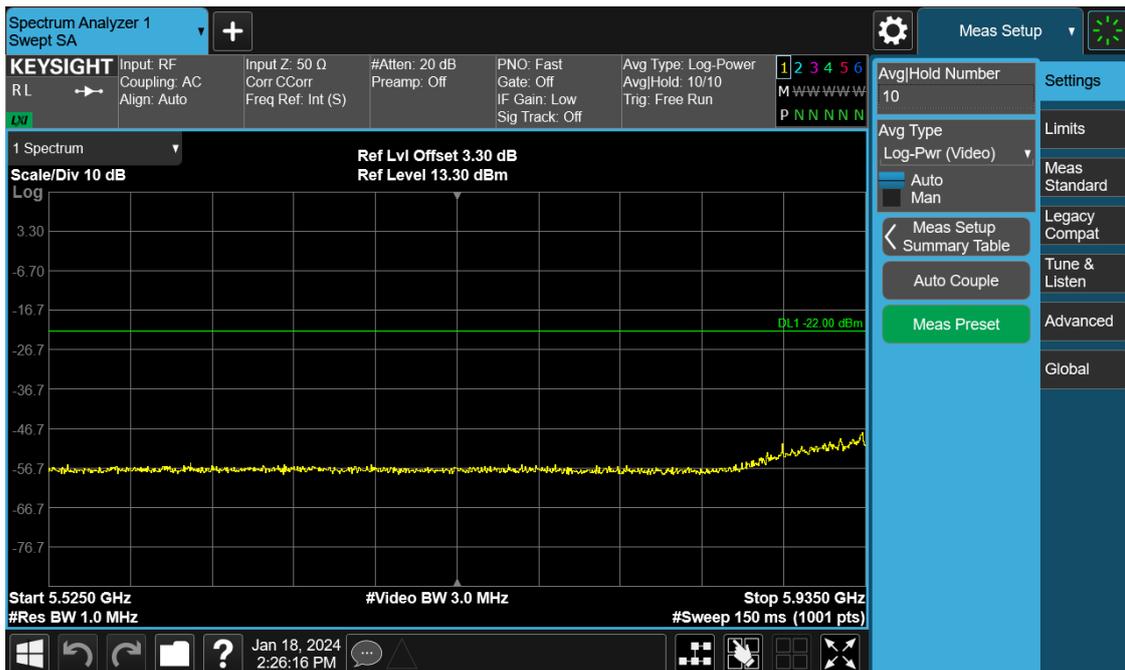
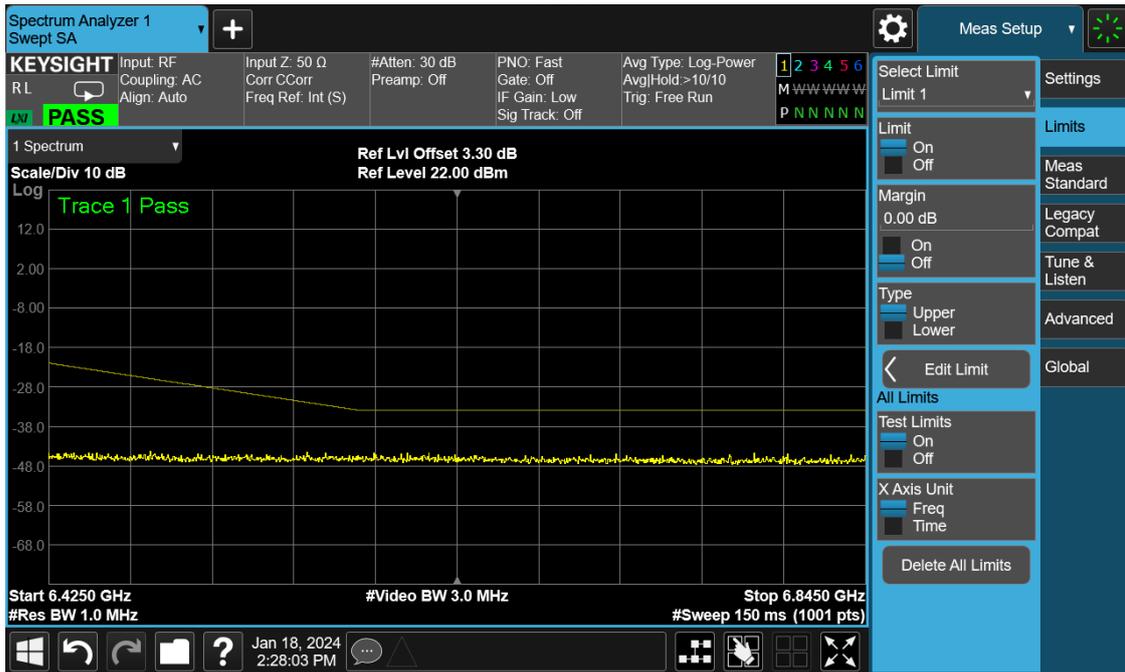
Ant.2



Ant.3



Ant.4



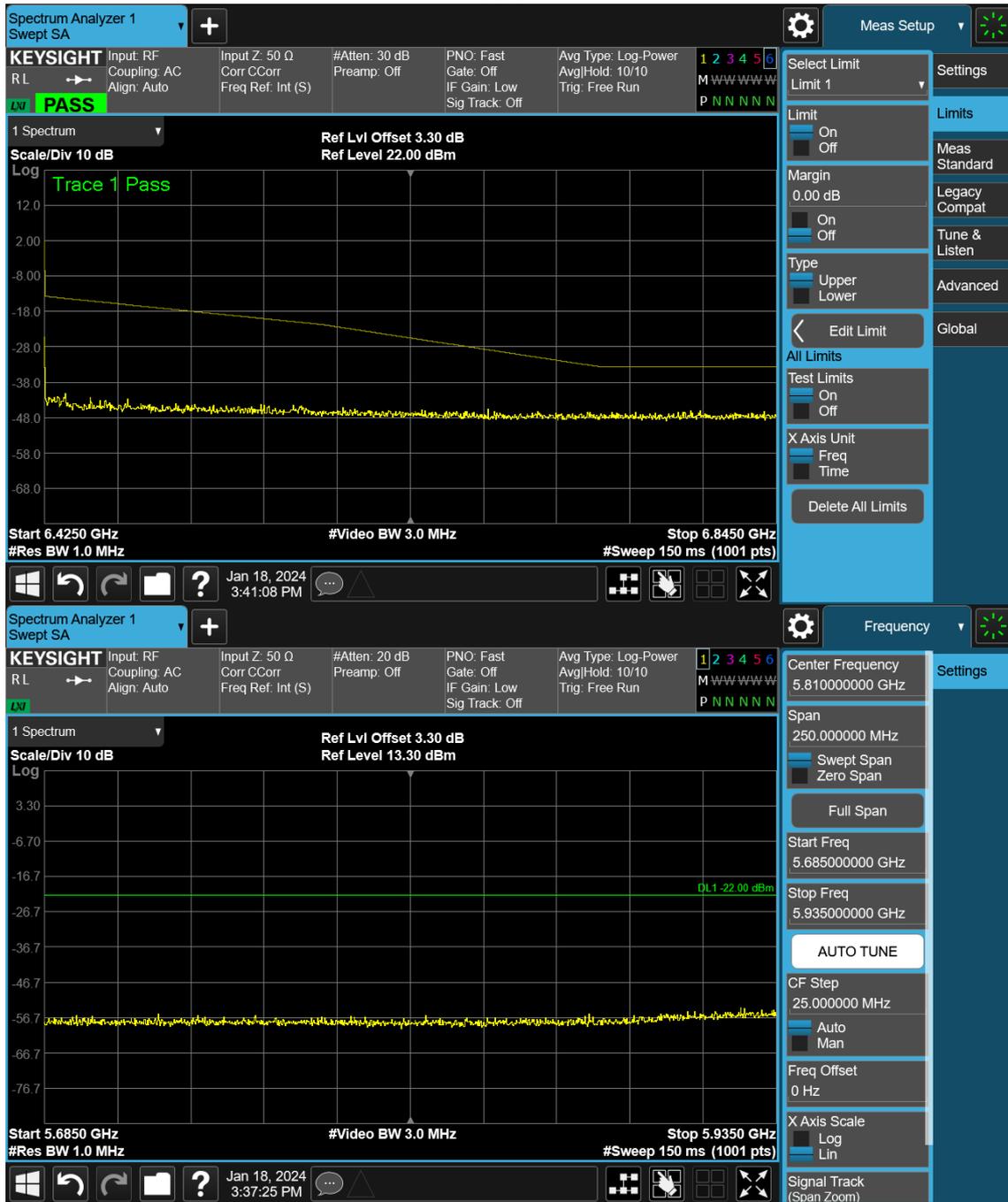
TX Mode_6265MHz Ant.1



Ant.2



Ant.3

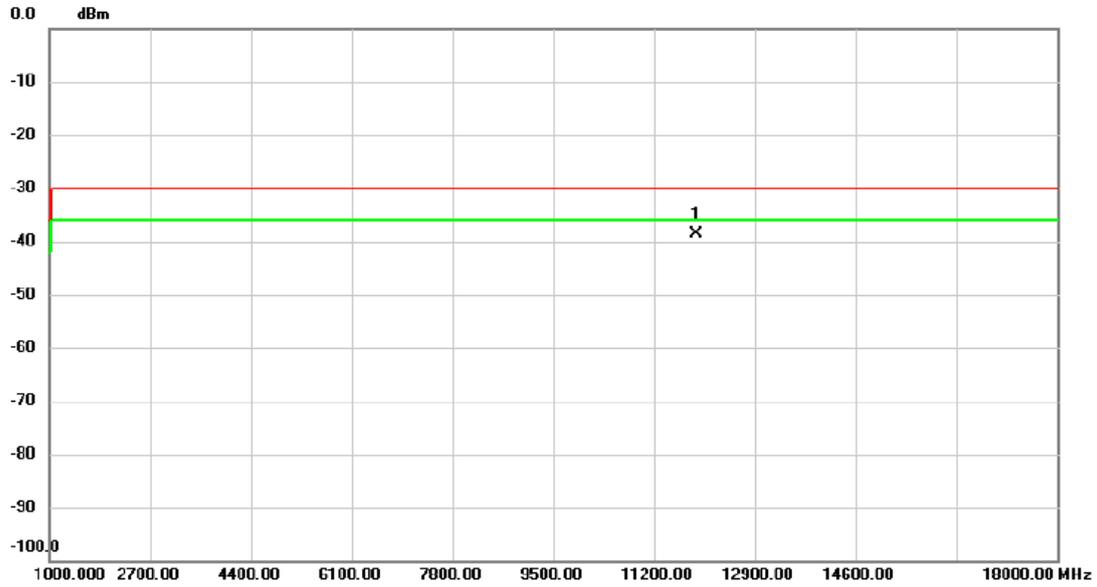


Ant.4



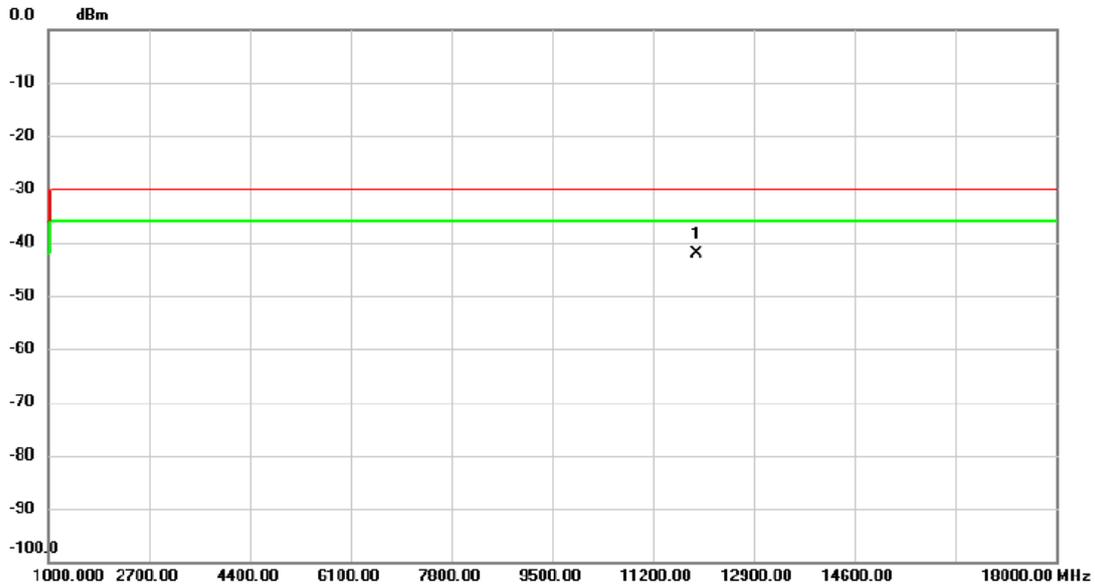
Spurious Domain

Test Mode	TX Mode IEEE 802.11be(EHT40)_5965MHz	Polarization	Vertical
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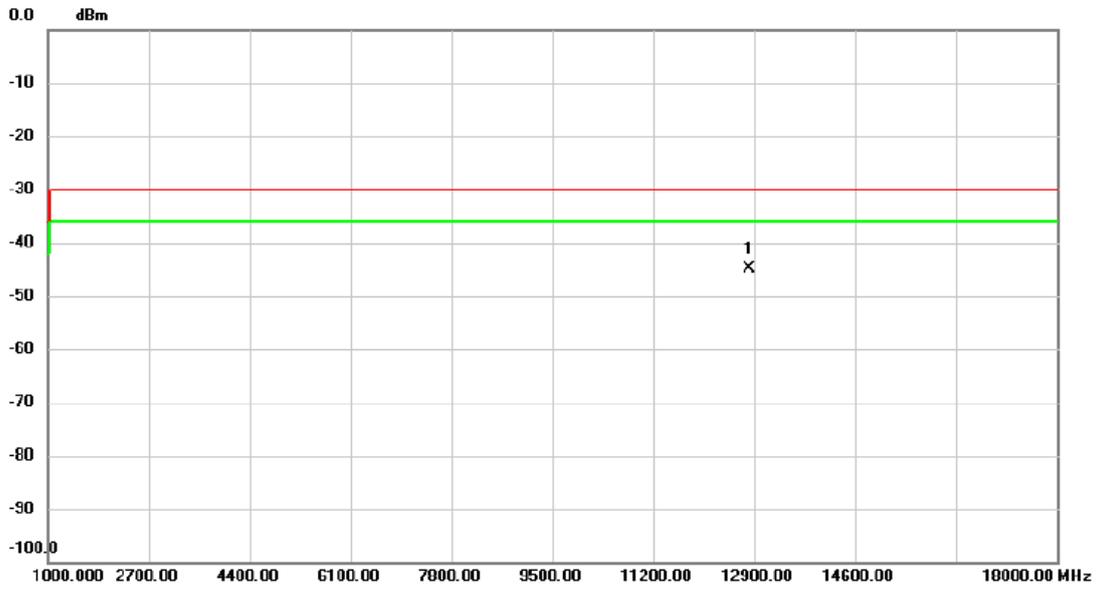
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	11920.80	-57.46	18.78	-38.68	-30.00	-8.68	RMS	

Test Mode	TX Mode IEEE 802.11be(EHT40)_5965MHz	Polarization	Horizontal
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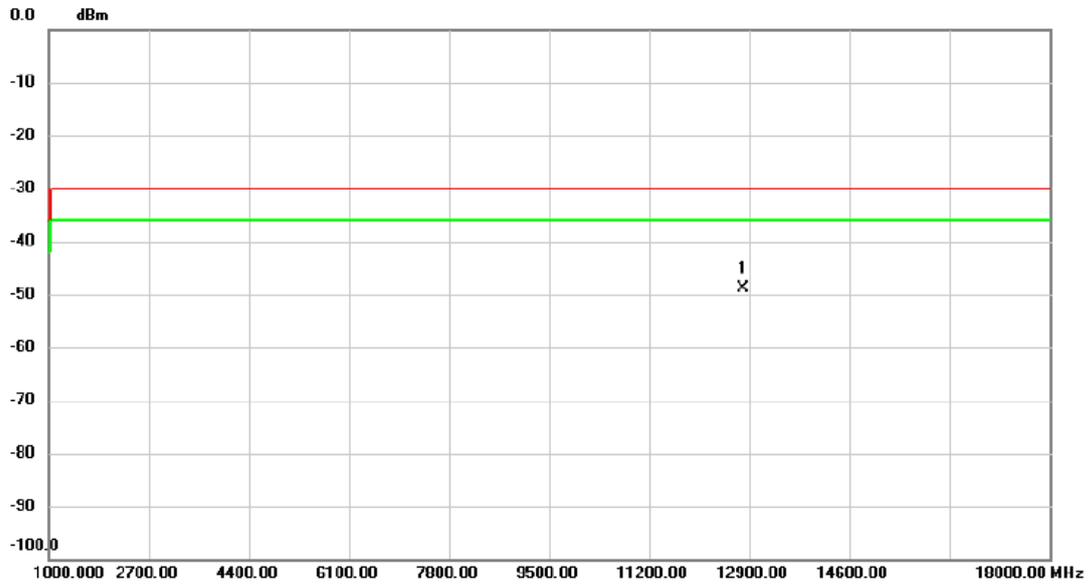
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	11931.00	-58.99	16.94	-42.05	-30.00	-12.05	RMS	

Test Mode	TX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Vertical
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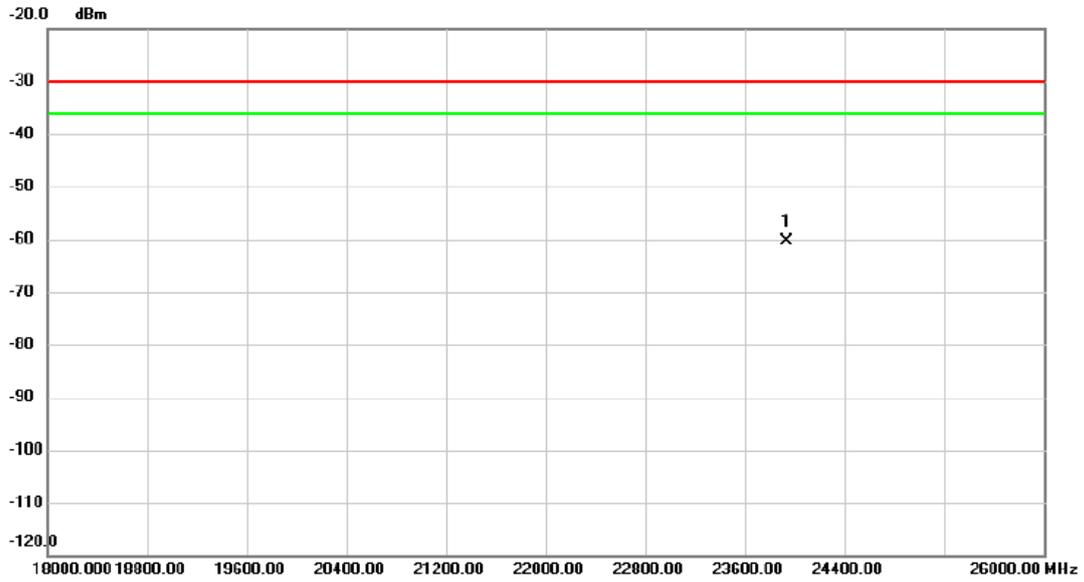
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	12809.90	-62.82	18.01	-44.81	-30.00	-14.81	RMS	

Test Mode	TX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Horizontal
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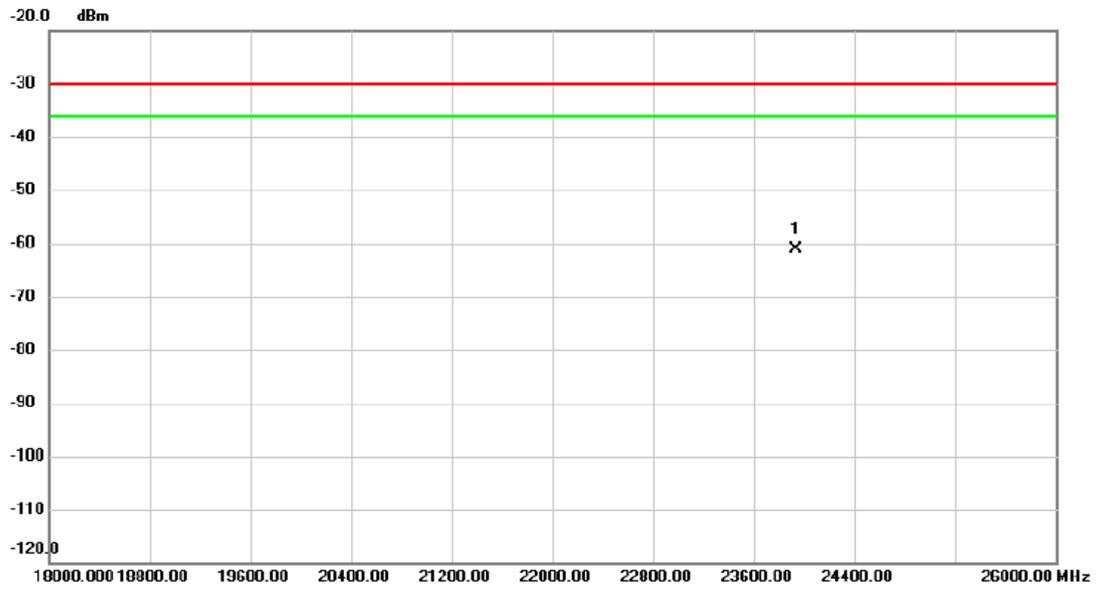
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	12805.65	-65.05	16.09	-48.96	-30.00	-18.96	RMS	

Test Mode	TX Mode IEEE 802.11be(EHT40)_5965MHz	Polarization	Vertical
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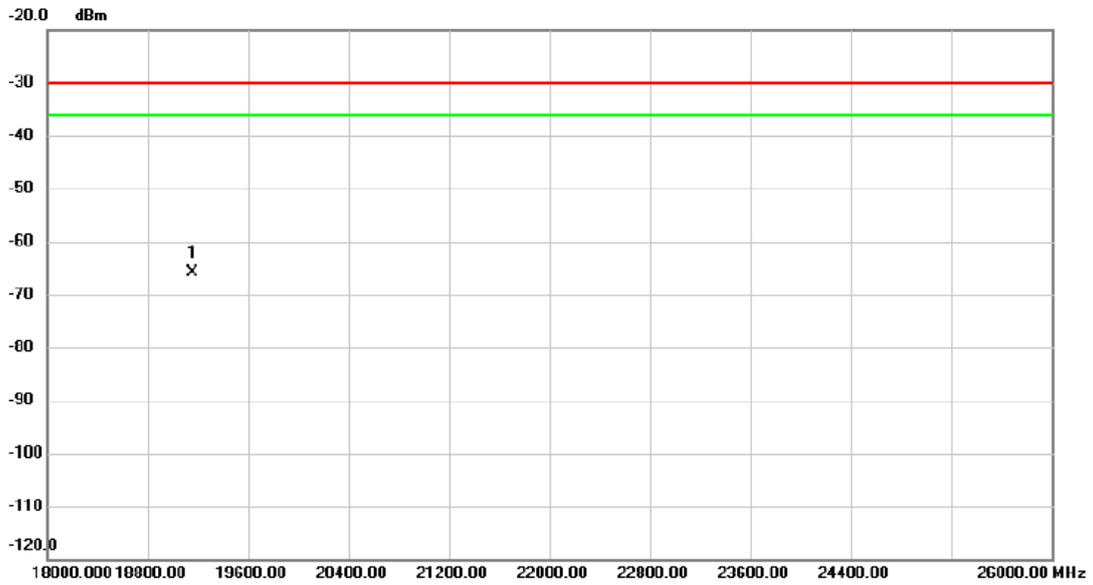
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	23940.00	-63.45	3.07	-60.38	-30.00	-30.38	RMS	

Test Mode	TX Mode IEEE 802.11be(EHT40)_5965MHz	Polarization	Horizontal
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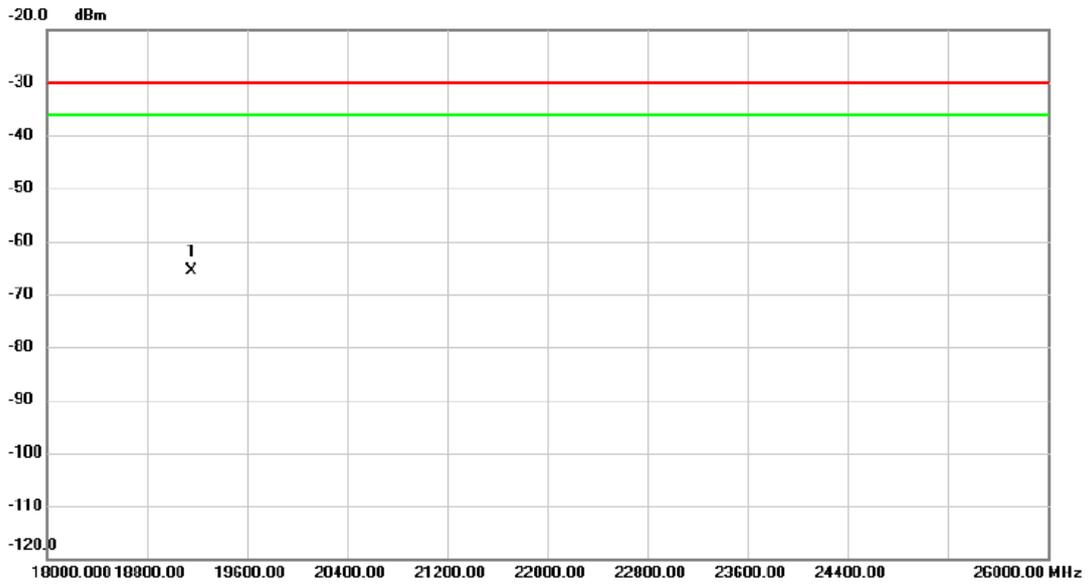
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	23940.00	-62.80	1.64	-61.16	-30.00	-31.16	RMS	

Test Mode	TX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Vertical
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No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	19155.00	-63.70	-2.09	-65.79	-30.00	-35.79	RMS	

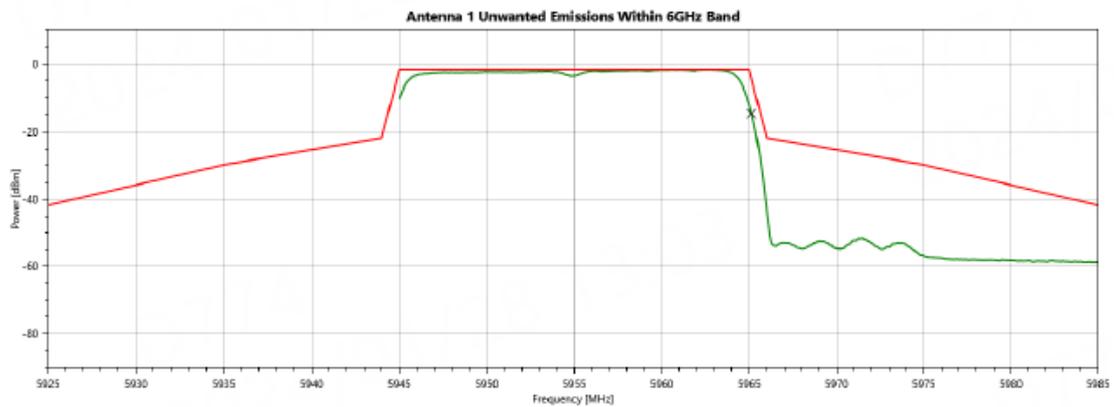
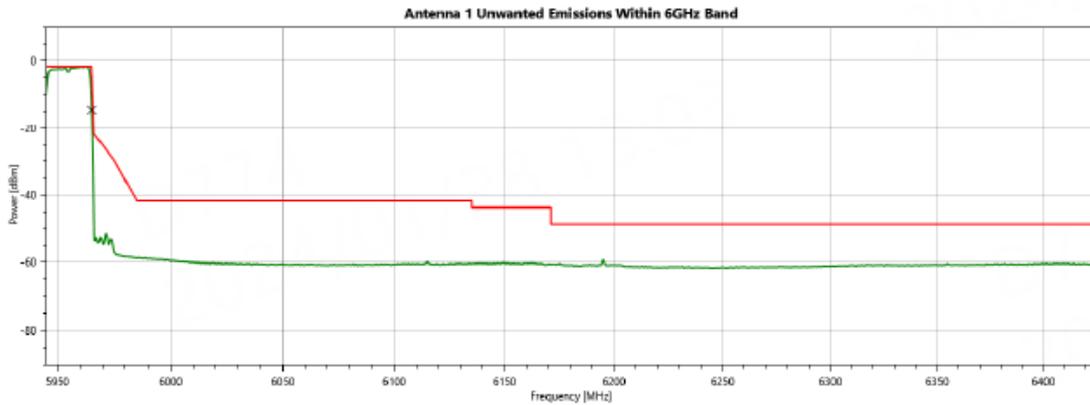
Test Mode	TX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Horizontal
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No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	19155.00	-62.84	-2.66	-65.50	-30.00	-35.50	RMS	

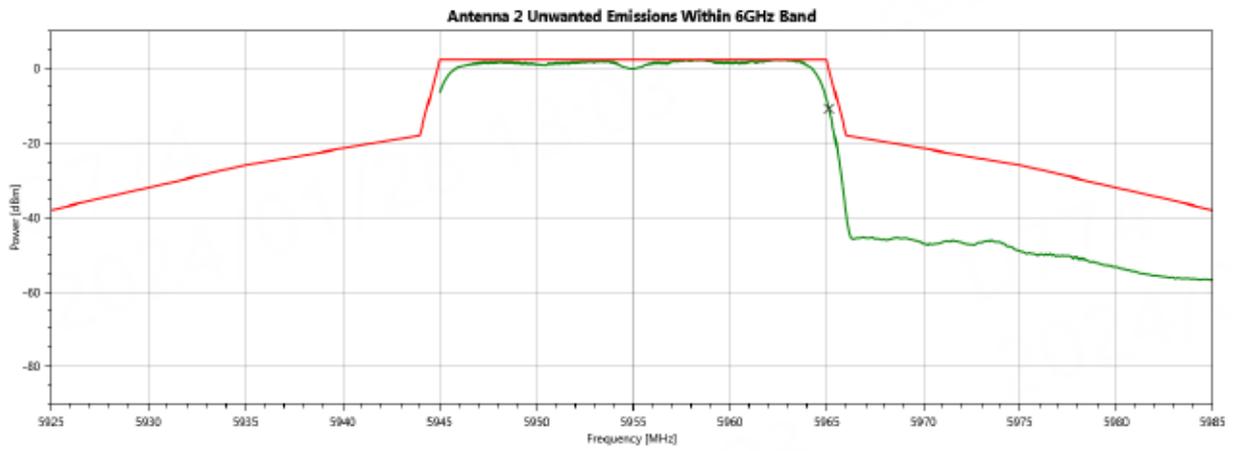
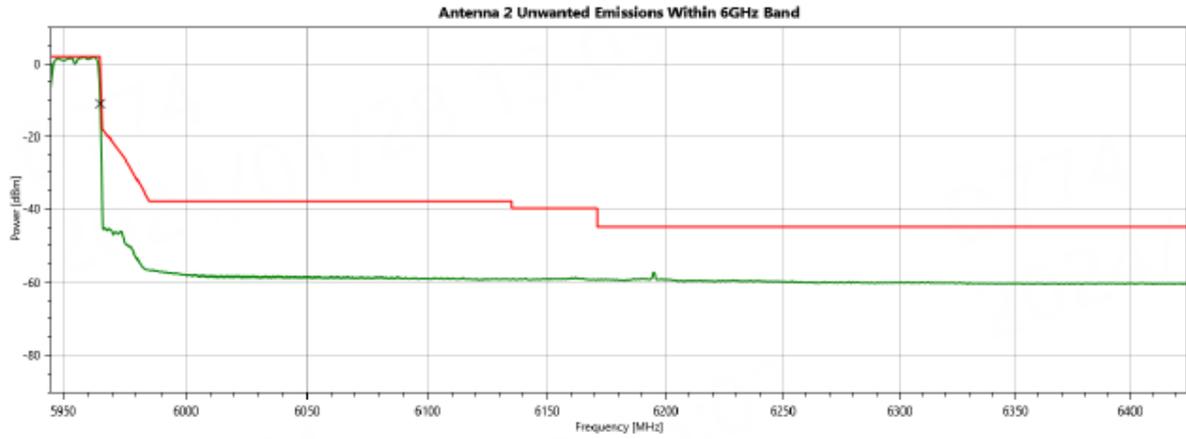
APPENDIX F - TRANSMITTER UNWANTED EMISSIONS WITHIN THE 6 GHZ WAS/RLAN BAND

Test Mode :	IEEE 802.11ax(HE20)_5955MHz_Ant.1
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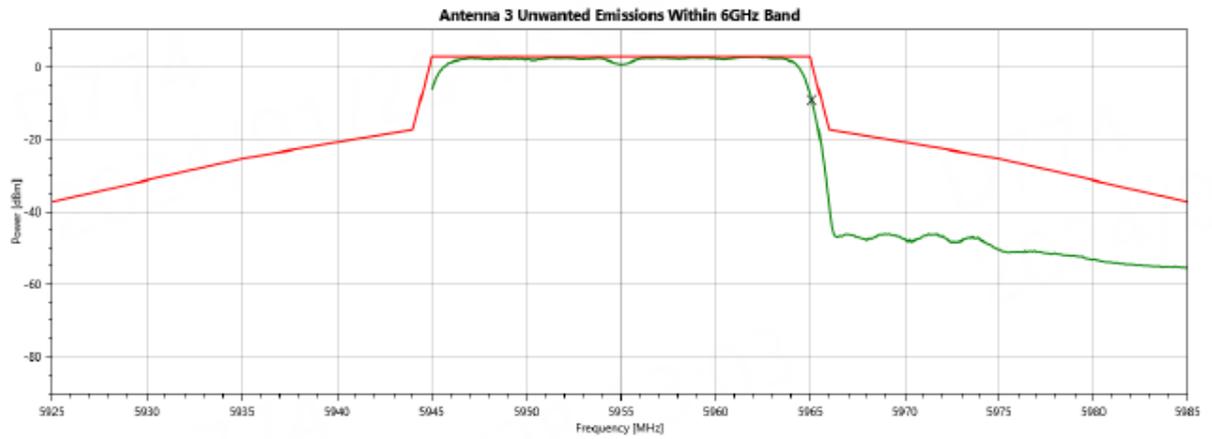
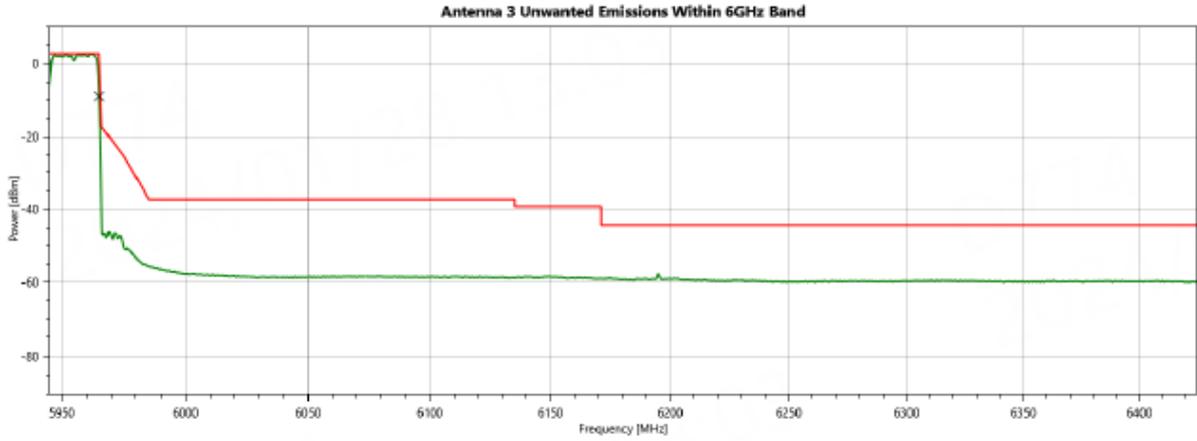
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,965.136	-14.54	-4.48	-10.06	Pass

Test Mode : IEEE 802.11ax(HE20)_5955MHz_Ant.2



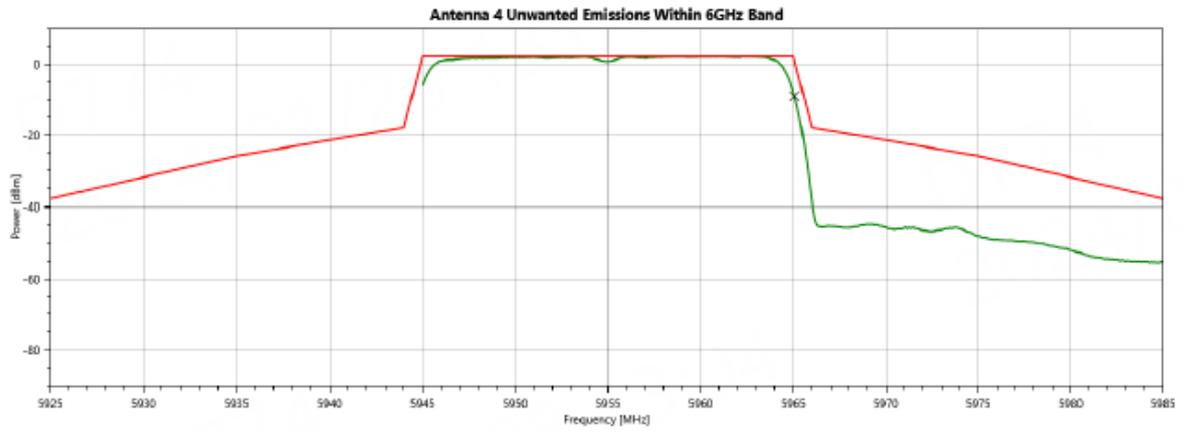
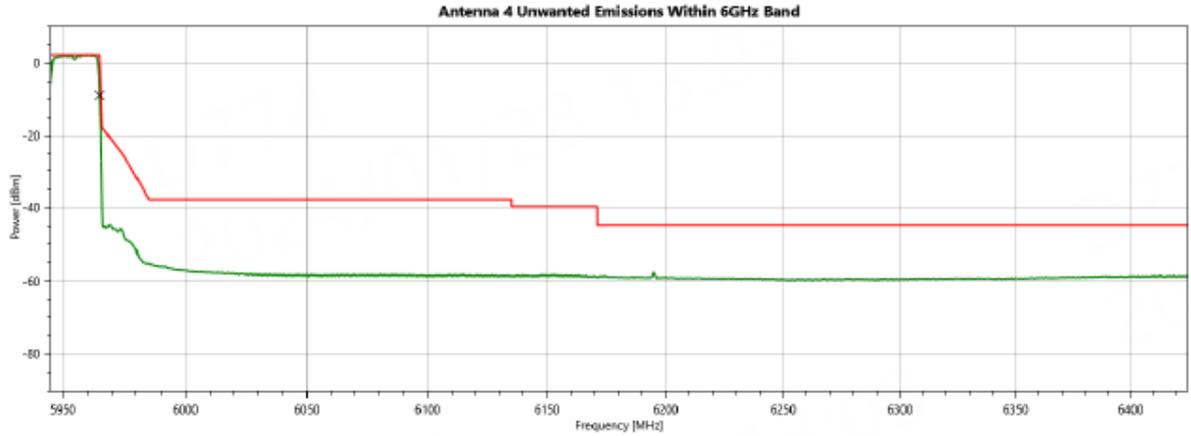
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,965.136	-11.03	-0.64	-10.39	Pass

Test Mode : IEEE 802.11ax(HE20)_5955MHz_Ant.3



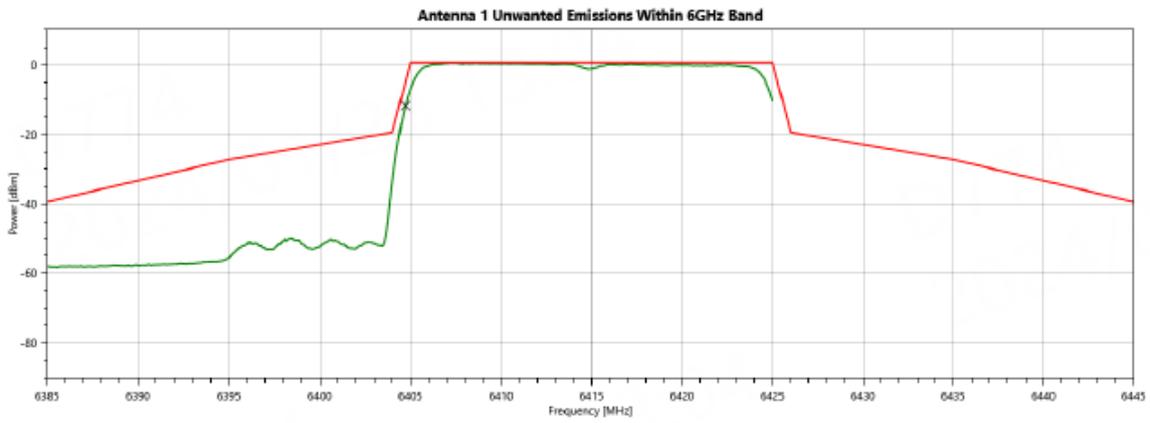
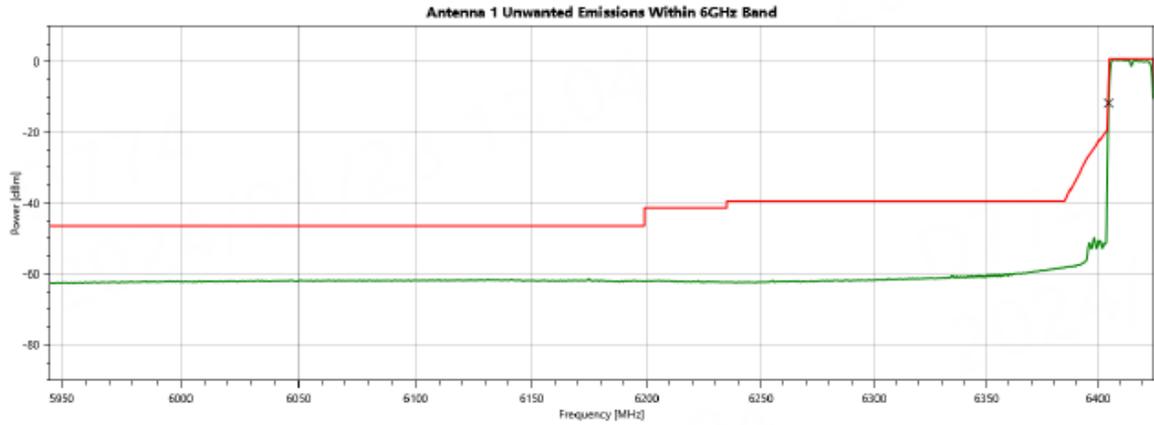
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,965.088	-9.04	0.91	-9.95	Pass

Test Mode : IEEE 802.11ax(HE20)_5955MHz_Ant.4



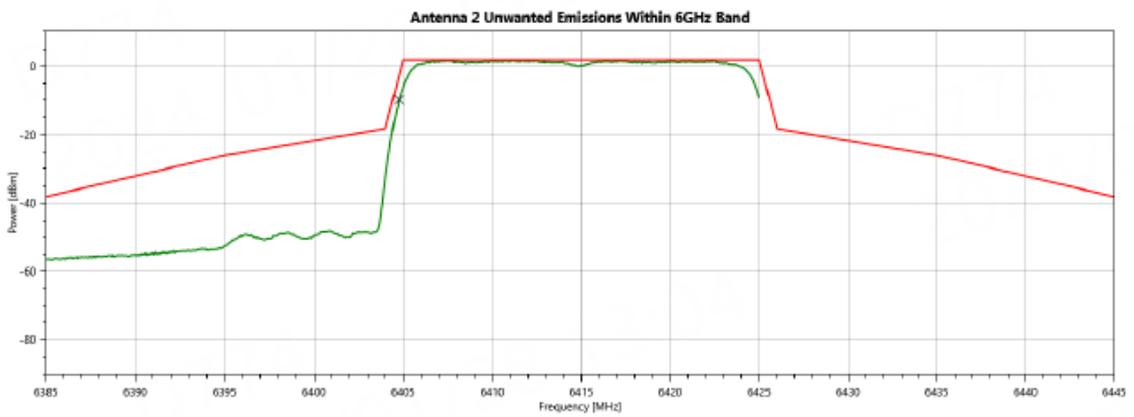
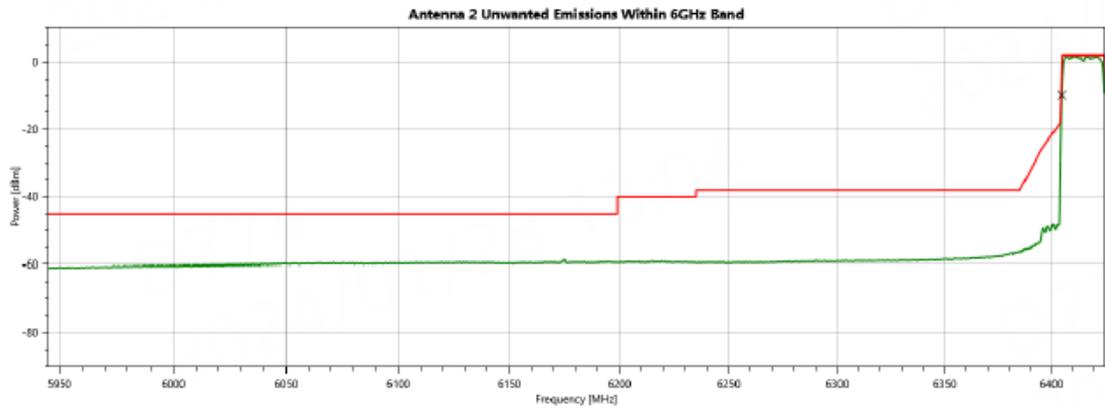
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,965.064	-9.00	0.91	-9.91	Pass

Test Mode : IEEE 802.11ax(HE20)_6415MHz_Ant.1



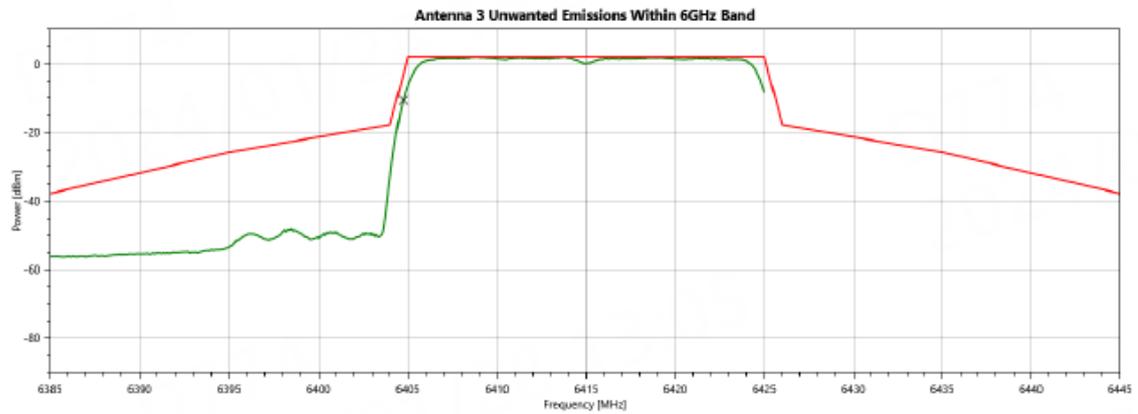
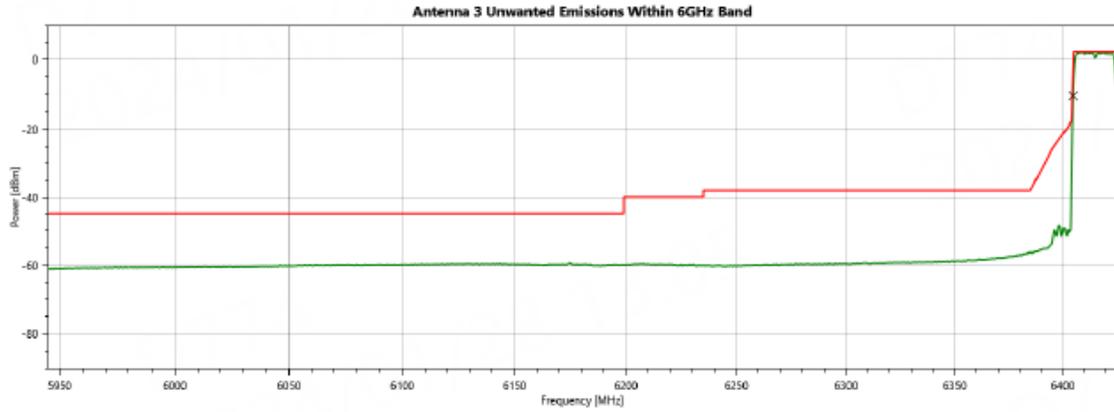
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,404.720	-11.72	-4.92	-6.80	Pass

Test Mode : IEEE 802.11ax(HE20)_6415MHz_Ant.2



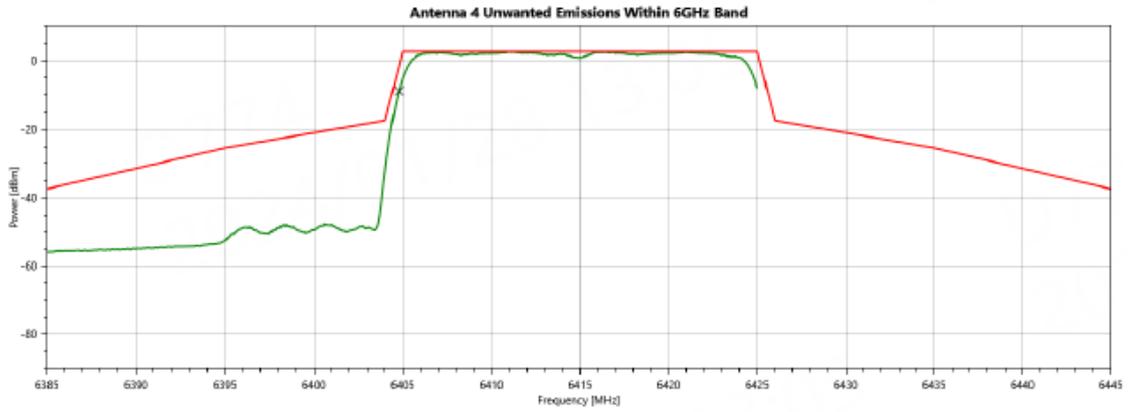
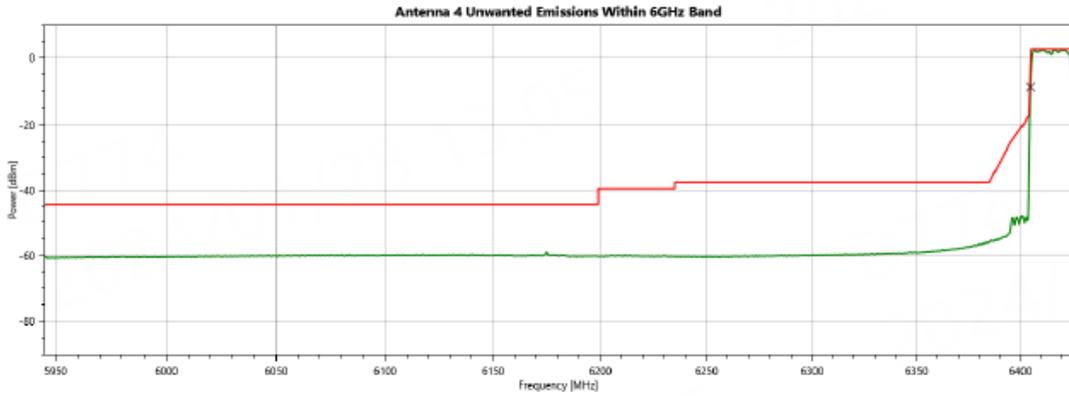
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,404.768	-9.84	-2.78	-7.06	Pass

Test Mode : IEEE 802.11ax(HE20)_6415MHz_Ant.3



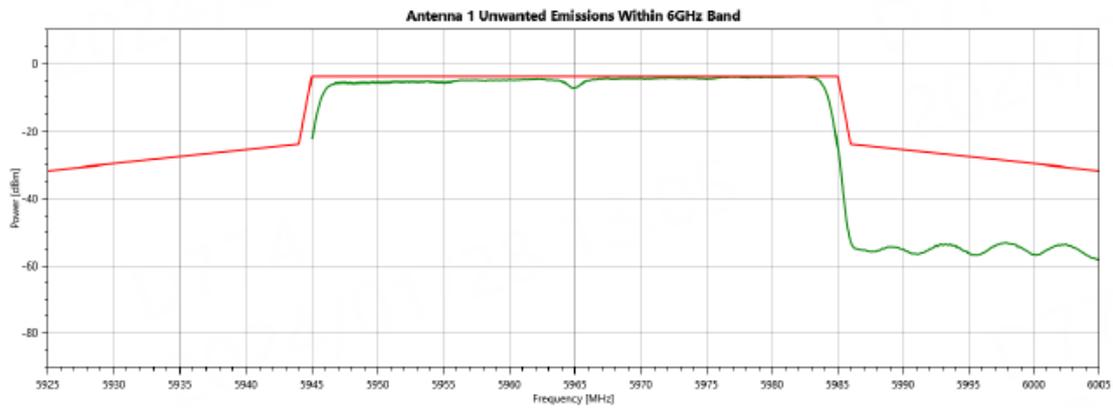
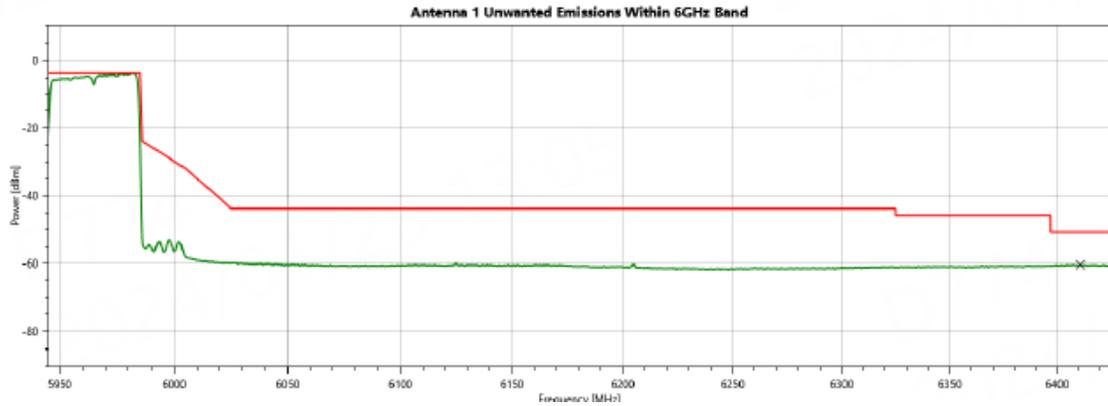
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,404.744	-10.59	-2.94	-7.65	Pass

Test Mode : IEEE 802.11ax(HE20)_6415MHz_Ant.4



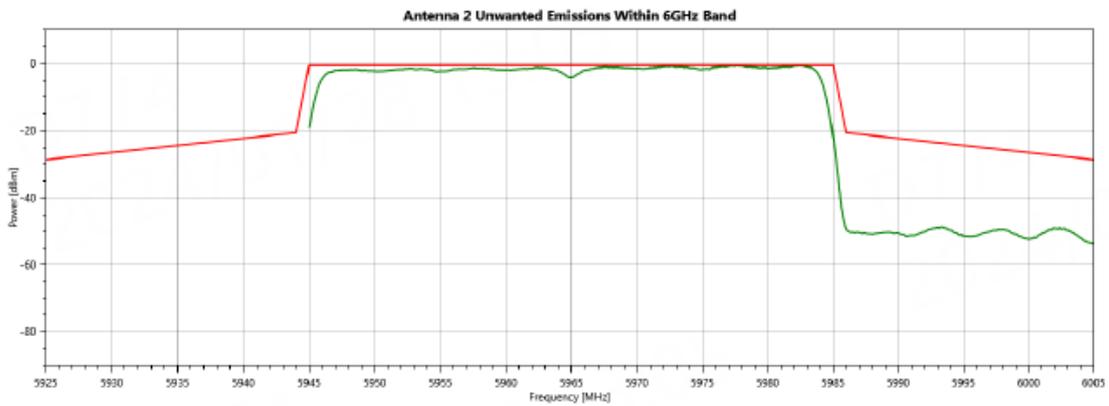
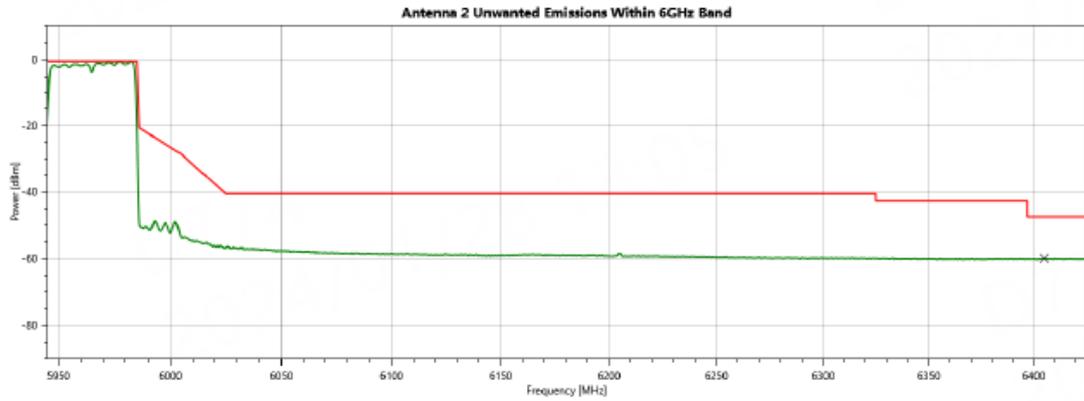
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,404.792	-8.78	-1.61	-7.17	Pass

Test Mode : IEEE 802.11ax(HE40)_5965MHz_Ant.1



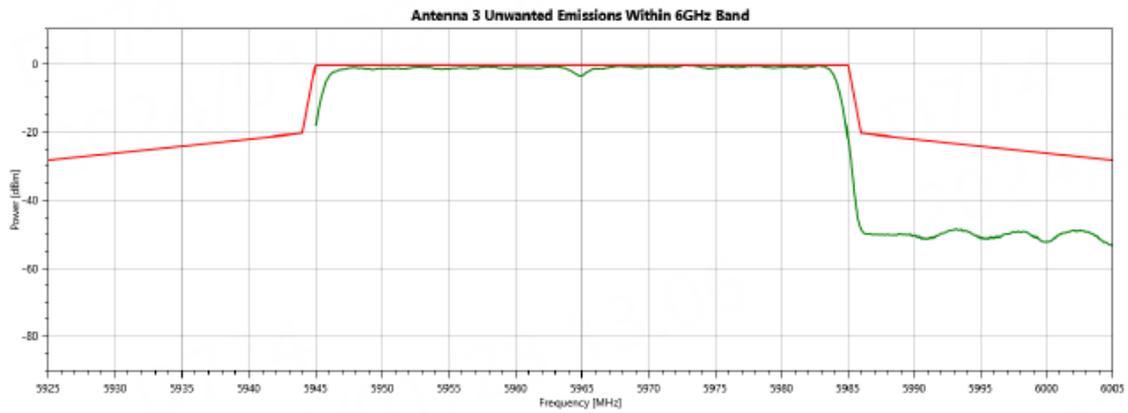
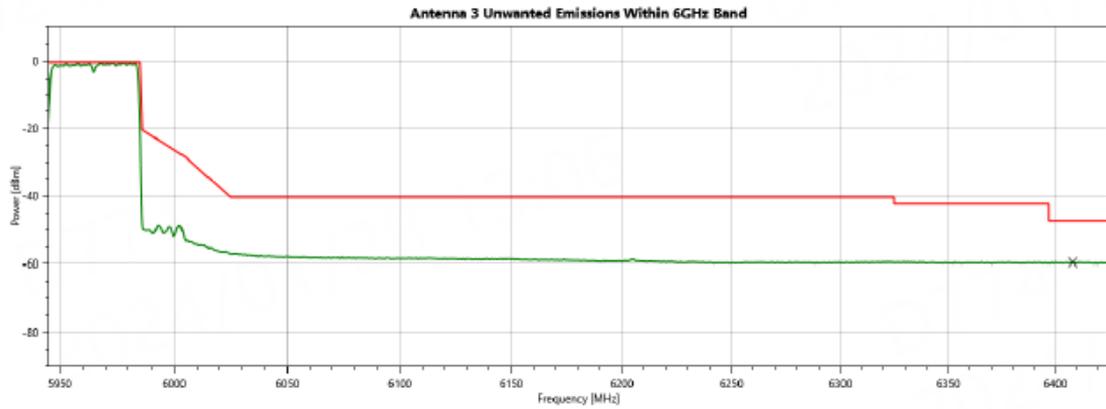
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,410.936	-60.38	-50.84	-9.54	Pass

Test Mode : IEEE 802.11ax(HE40)_5965MHz_Ant.2



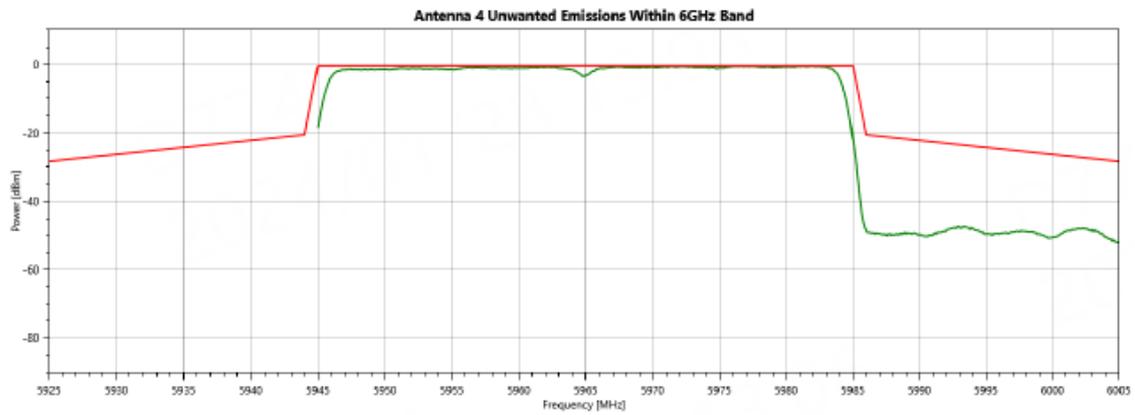
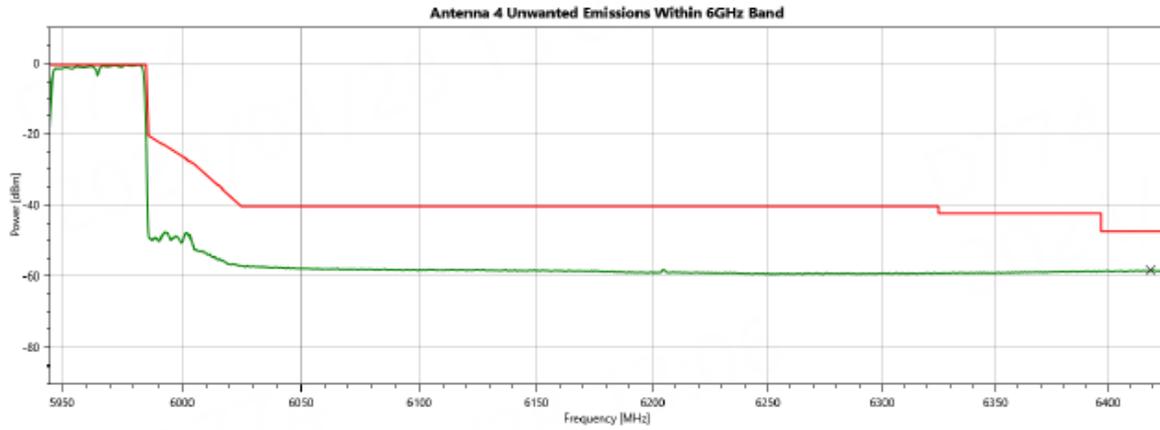
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,404.960	-59.99	-47.62	-12.37	Pass

Test Mode : IEEE 802.11ax(HE40)_5965MHz_Ant.3



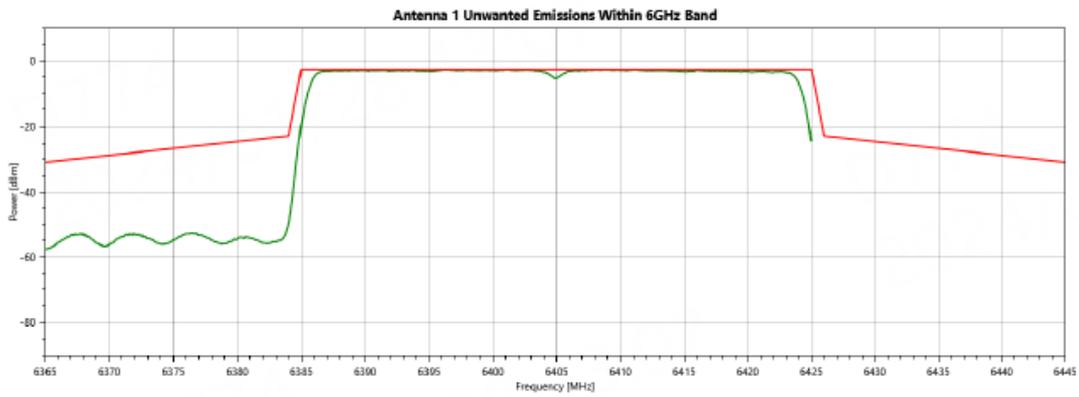
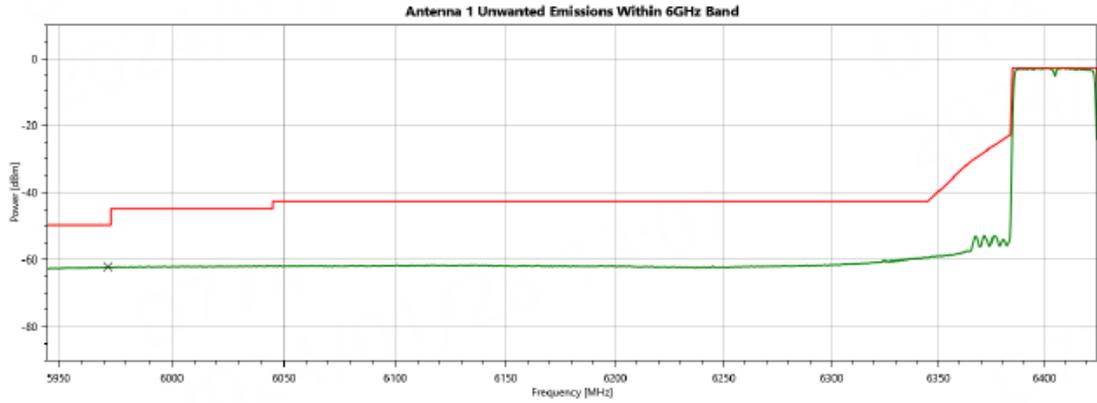
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,408.176	-59.58	-47.42	-12.16	Pass

Test Mode : IEEE 802.11ax(HE40)_5965MHz_Ant.4



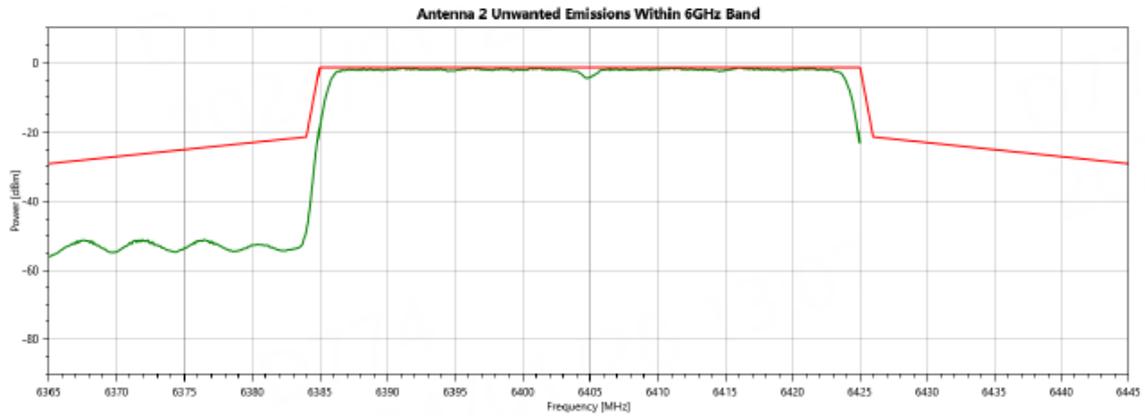
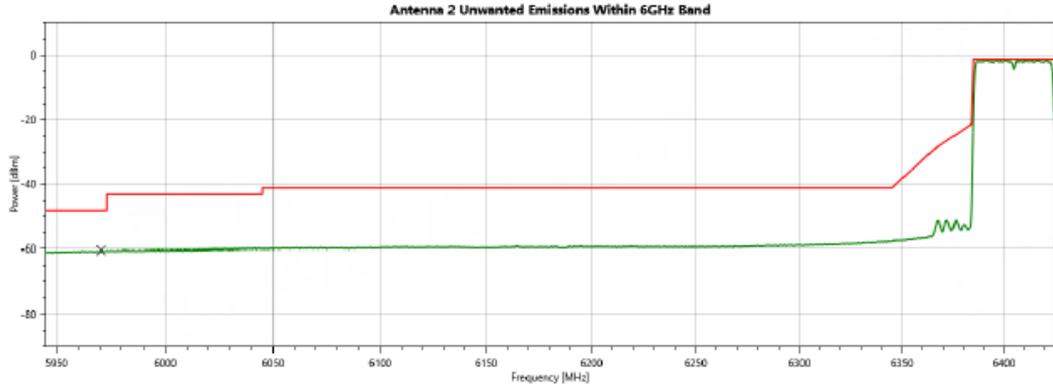
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,419.024	-58.38	-47.47	-10.91	Pass

Test Mode : IEEE 802.11ax(HE40)_6405MHz_Ant.1



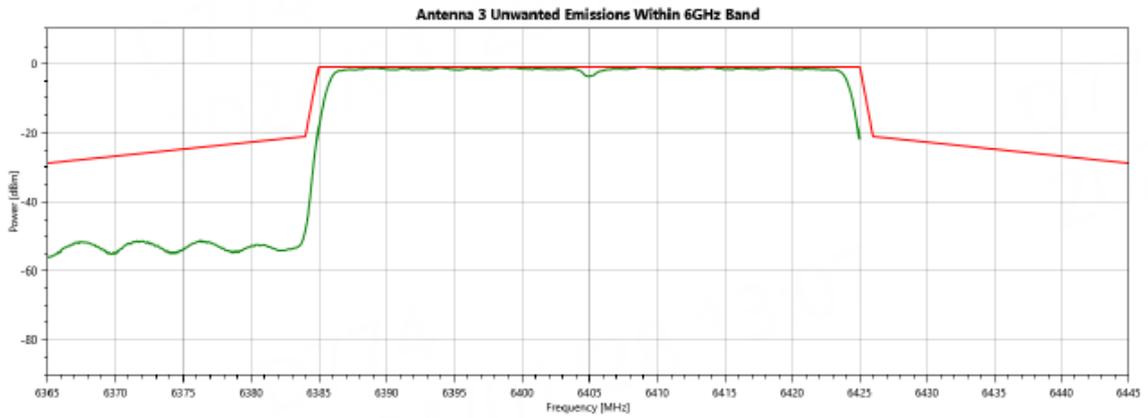
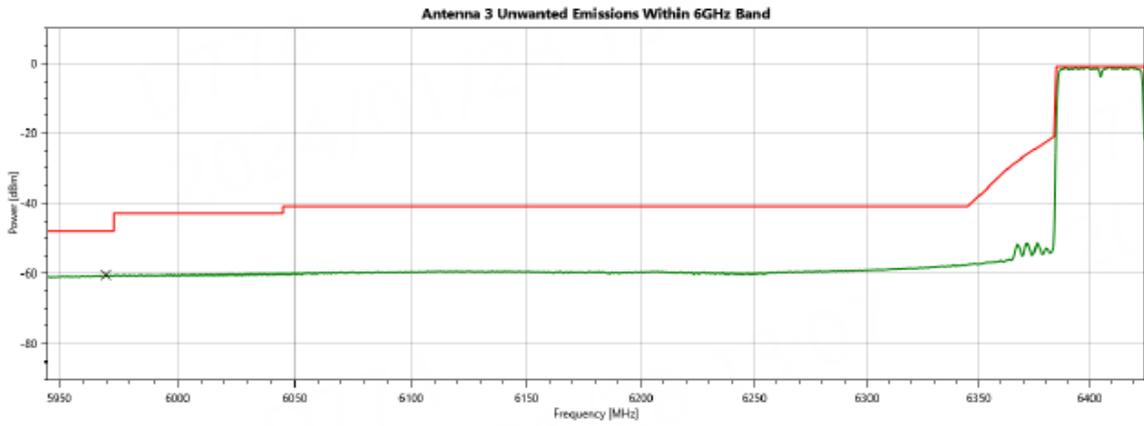
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,971.664	-62.08	-49.77	-12.31	Pass

Test Mode : IEEE 802.11ax(HE40)_6405MHz_Ant.2



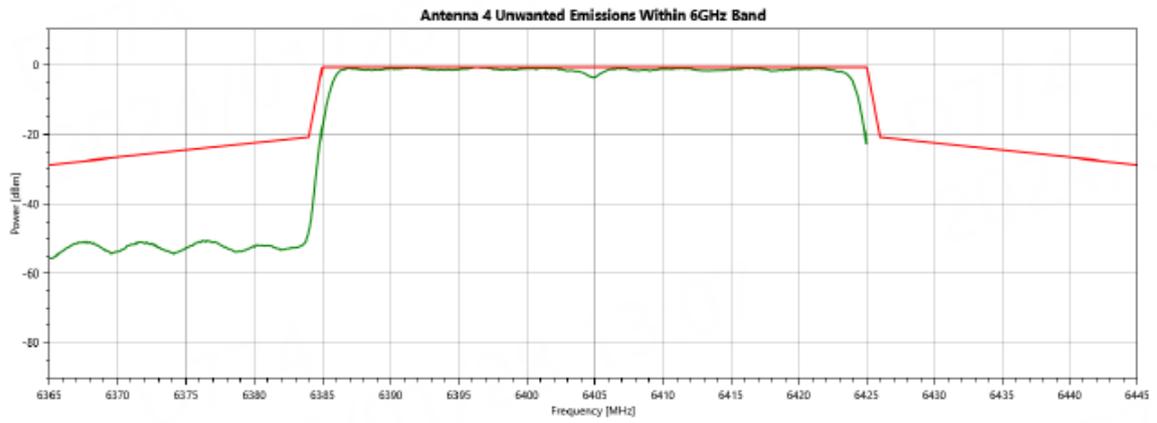
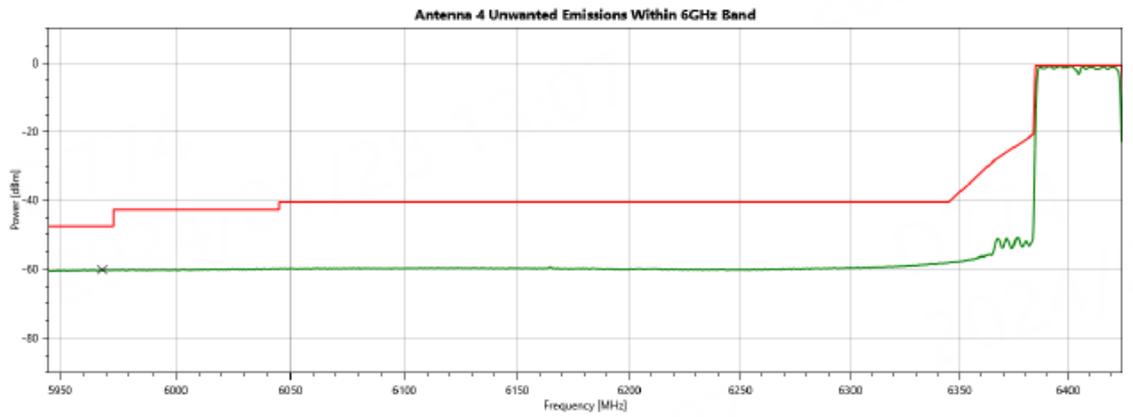
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,970.392	-60.52	-48.29	-12.23	Pass

Test Mode : IEEE 802.11ax(HE40)_6405MHz_Ant.3



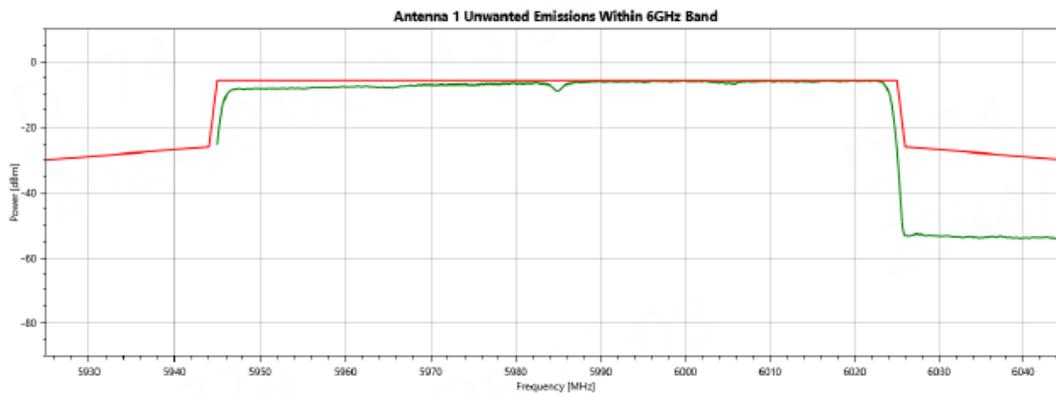
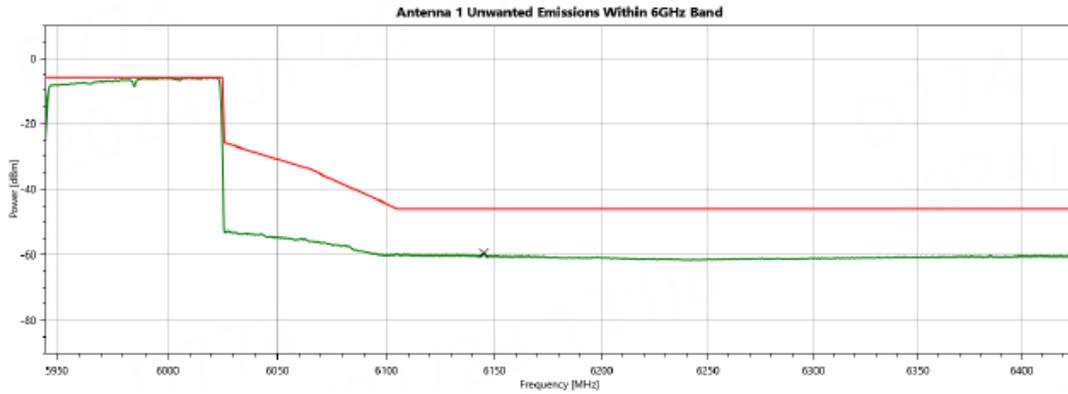
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,969.648	-60.44	-47.98	-12.46	Pass

Test Mode : IEEE 802.11ax(HE40)_6405MHz_Ant.4



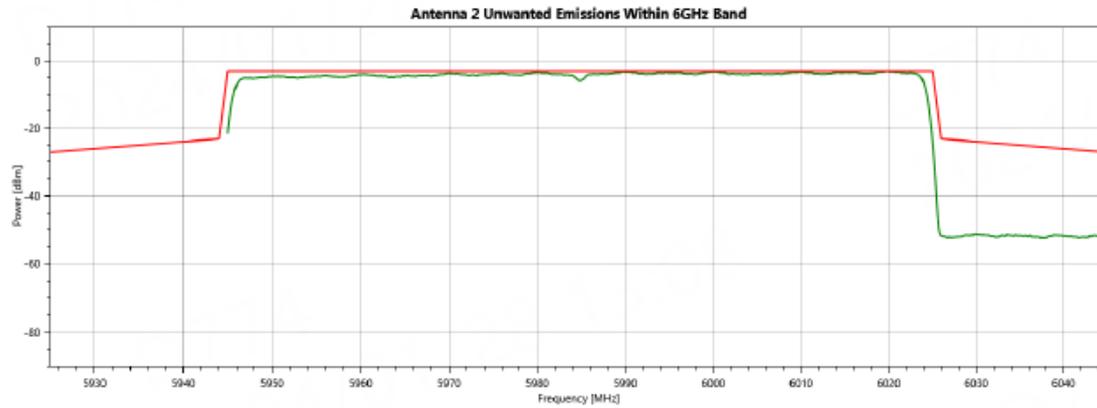
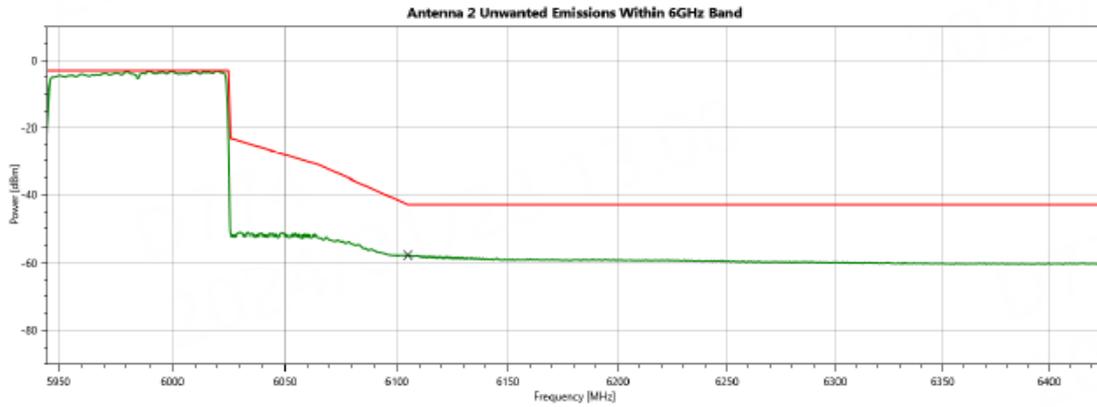
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,968.184	-60.23	-47.71	-12.52	Pass

Test Mode : IEEE 802.11ax(HE80)_5985MHz_Ant.1



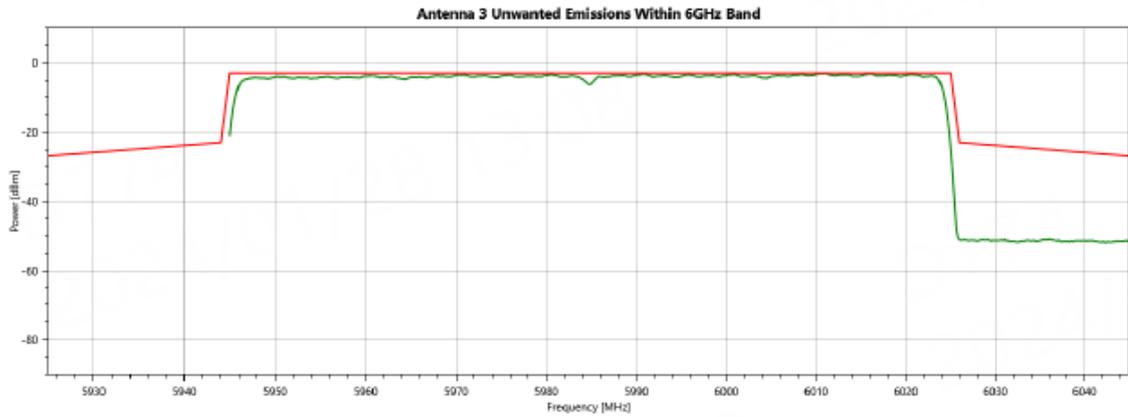
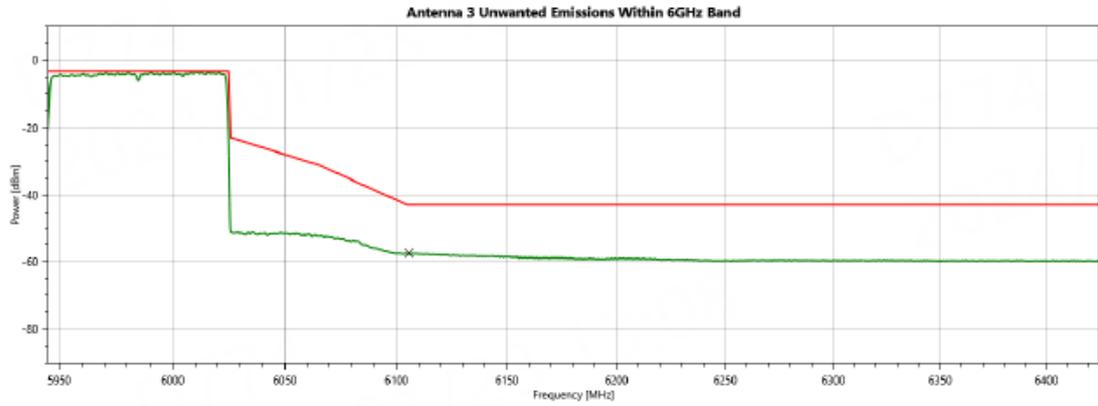
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,145.088	-59.51	-45.94	-13.57	Pass

Test Mode : IEEE 802.11ax(HE80)_5985MHz_Ant.2



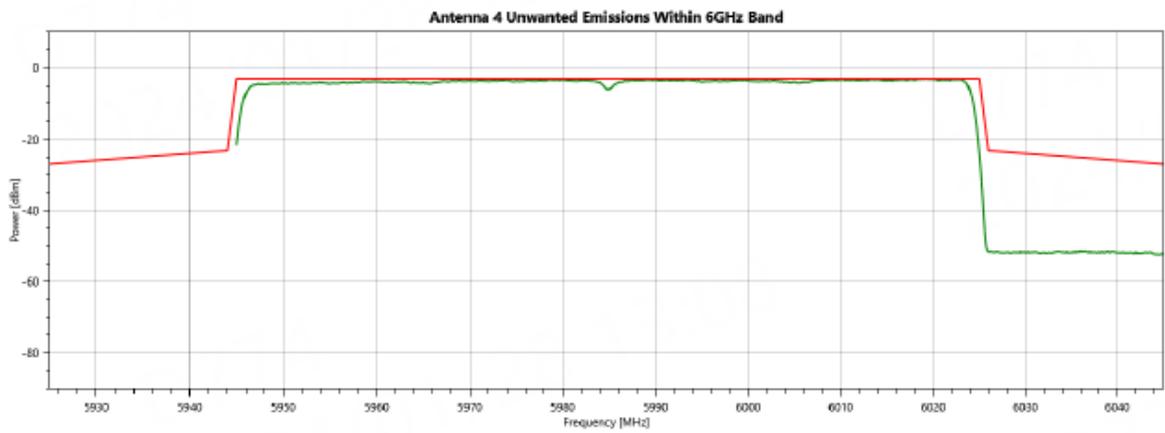
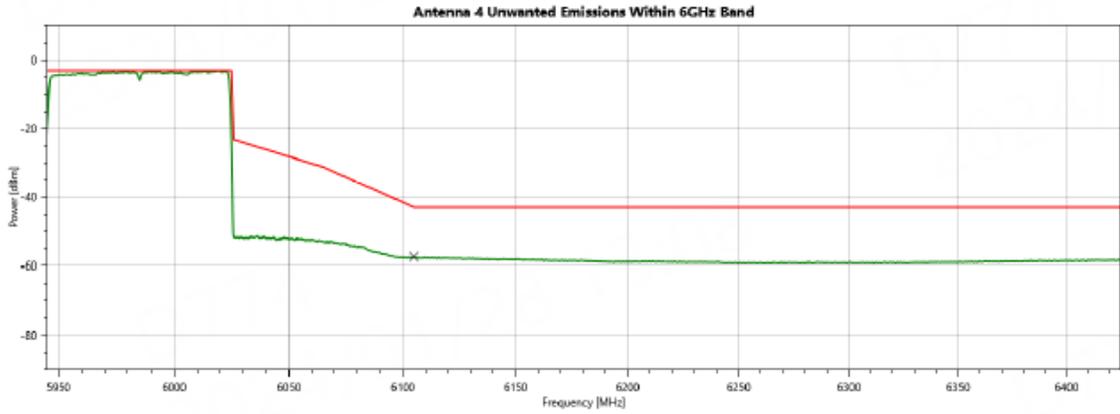
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,105.032	-57.69	-43.12	-14.57	Pass

Test Mode : IEEE 802.11ax(HE80)_5985MHz_Ant.3



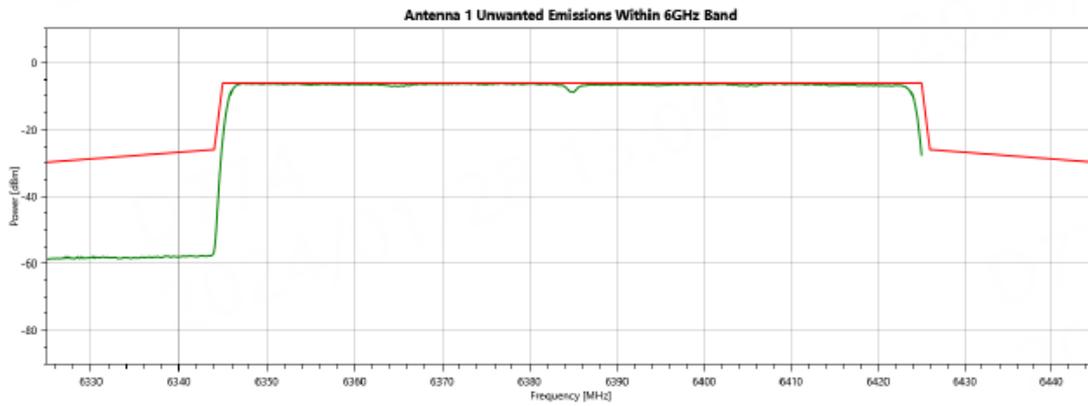
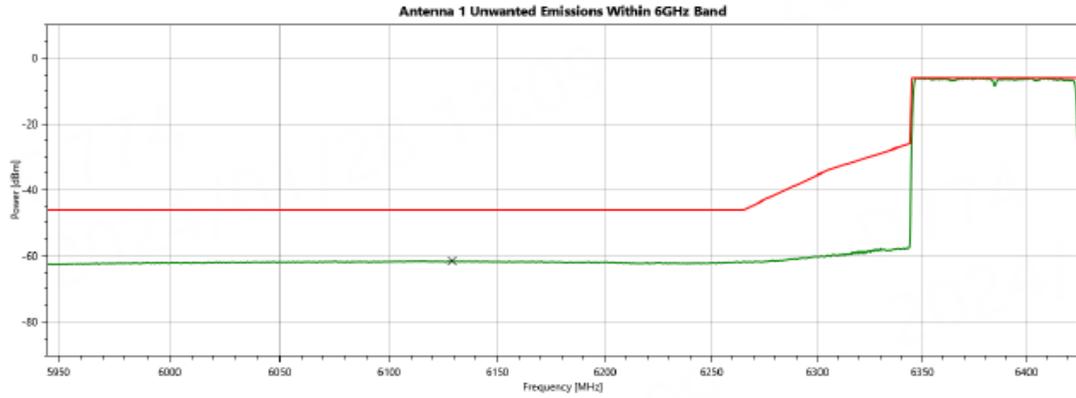
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,105.776	-57.51	-42.97	-14.54	Pass

Test Mode : IEEE 802.11ax(HE80)_5985MHz_Ant.4



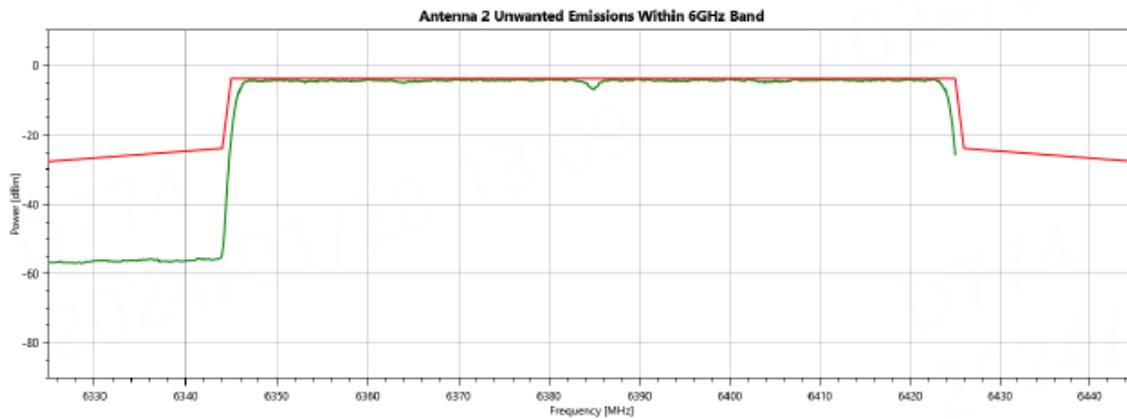
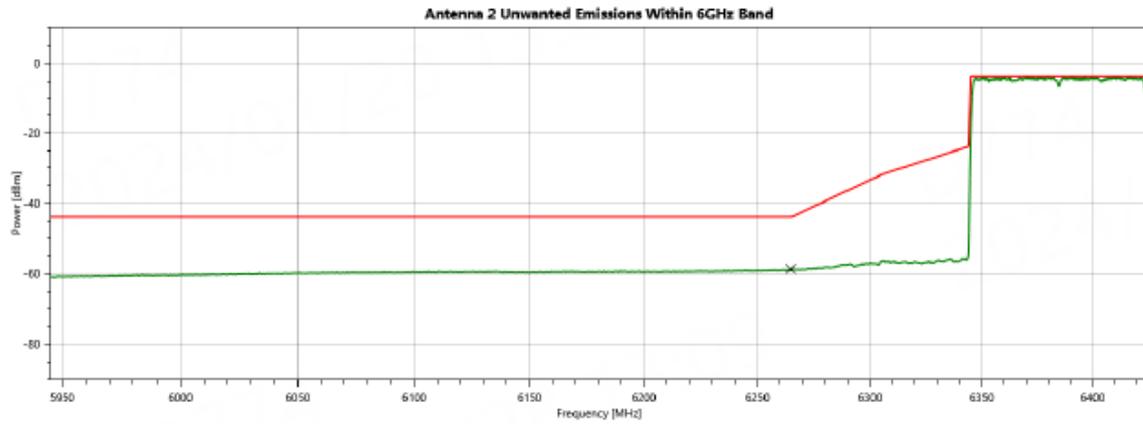
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,104.936	-57.46	-43.11	-14.35	Pass

Test Mode : IEEE 802.11ax(HE80)_6385MHz_Ant.1



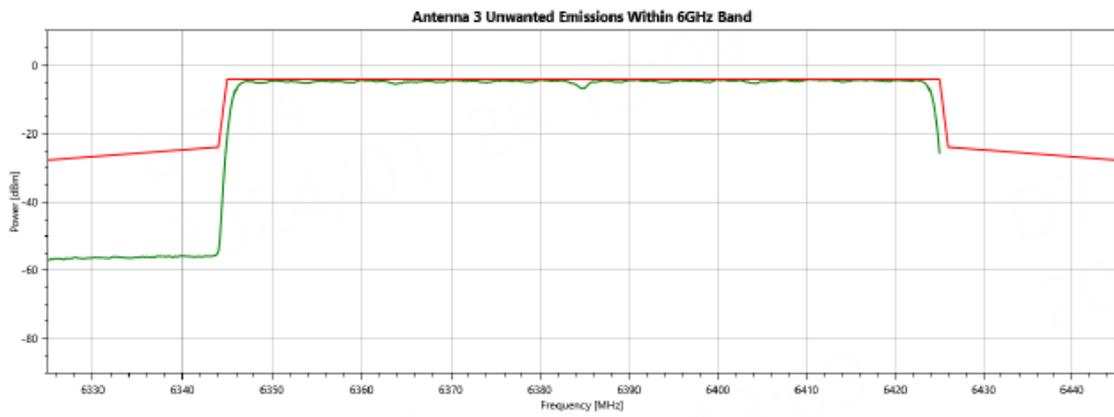
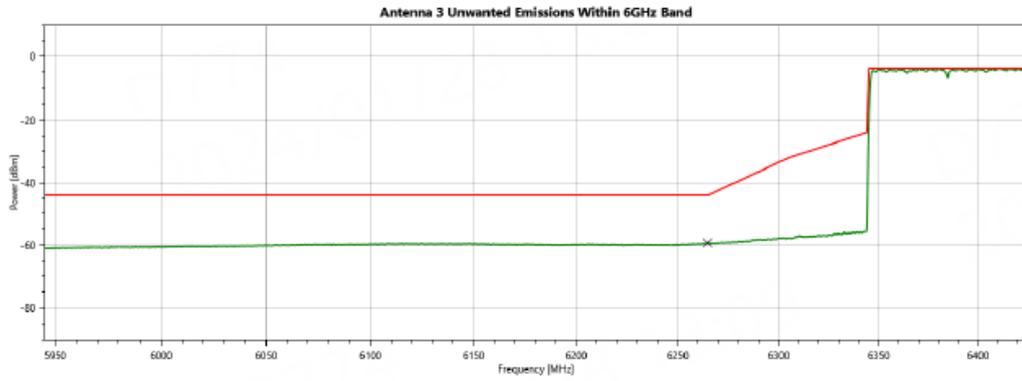
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,129.128	-61.44	-46.02	-15.42	Pass

Test Mode : IEEE 802.11ax(HE80)_6385MHz_Ant.2



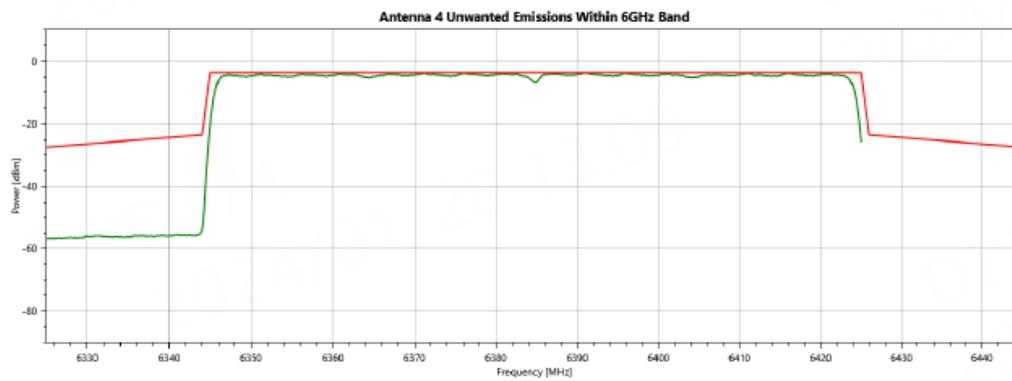
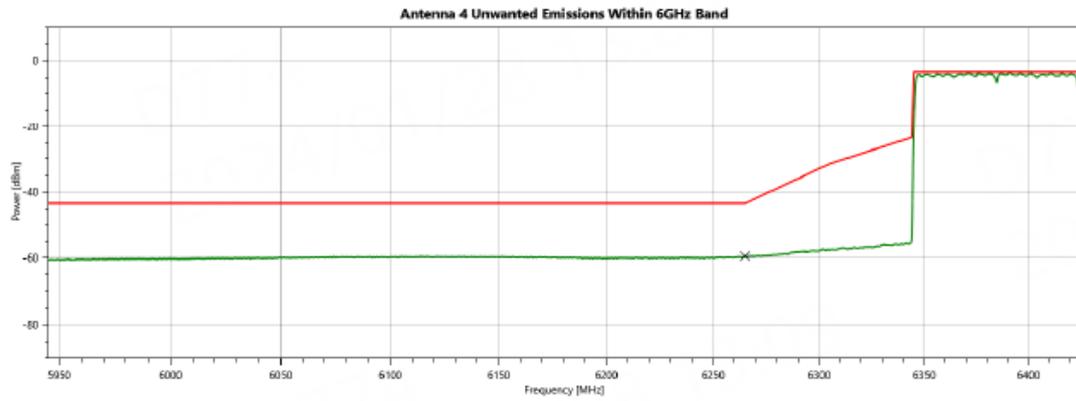
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,264.680	-58.70	-43.86	-14.84	Pass

Test Mode : IEEE 802.11ax(HE80)_6385MHz_Ant.3



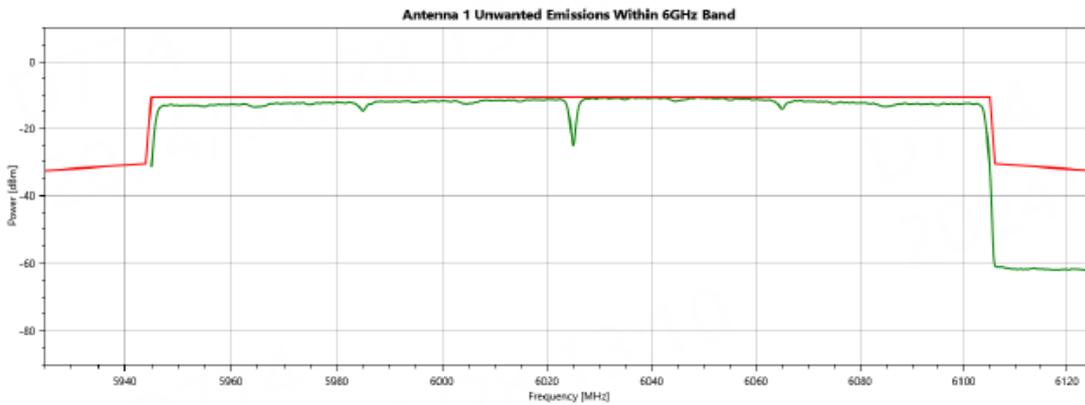
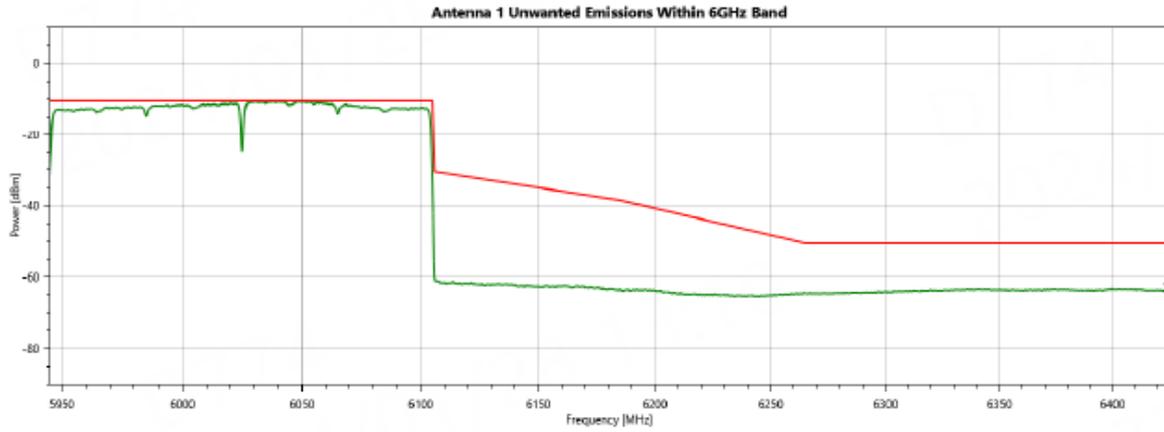
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,264.608	-59.18	-43.91	-15.27	Pass

Test Mode : IEEE 802.11ax(HE80)_6385MHz_Ant.4



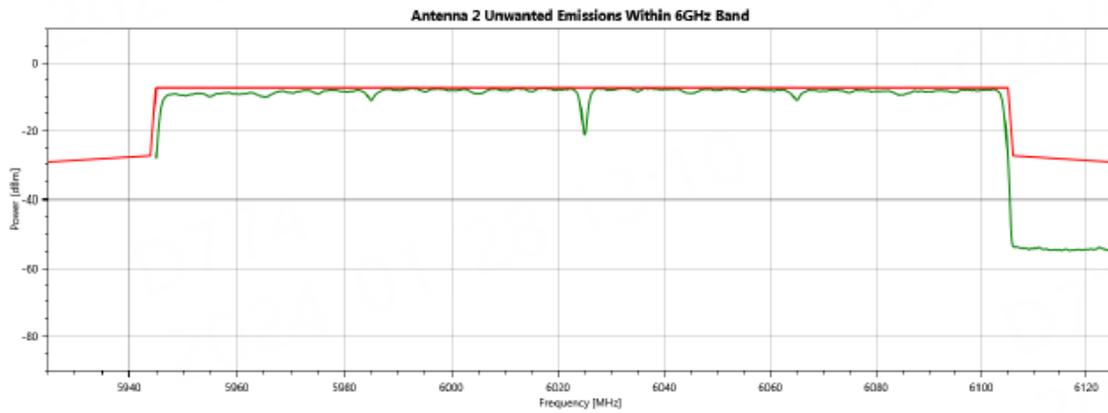
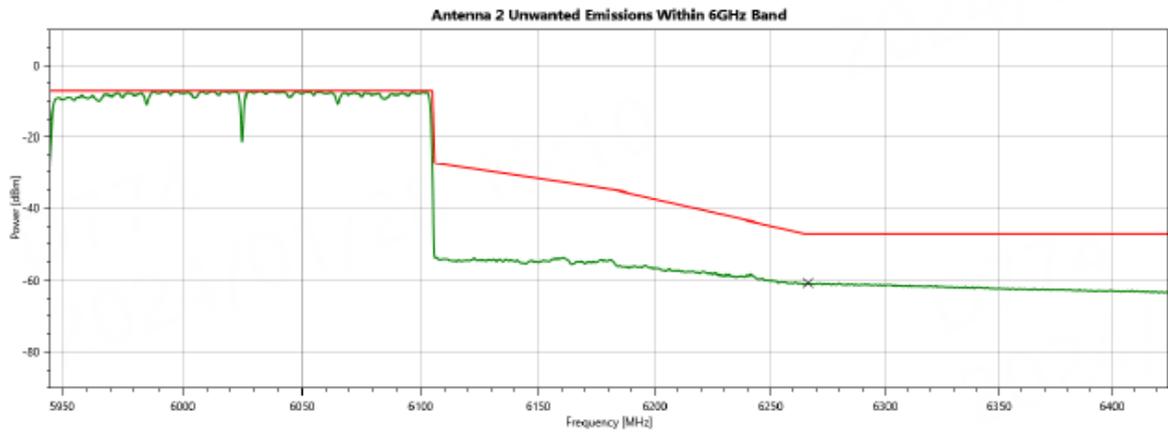
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,264.968	-59.48	-43.50	-15.98	Pass

Test Mode : IEEE 802.11ax(HE160)_6025MHz_Ant.1



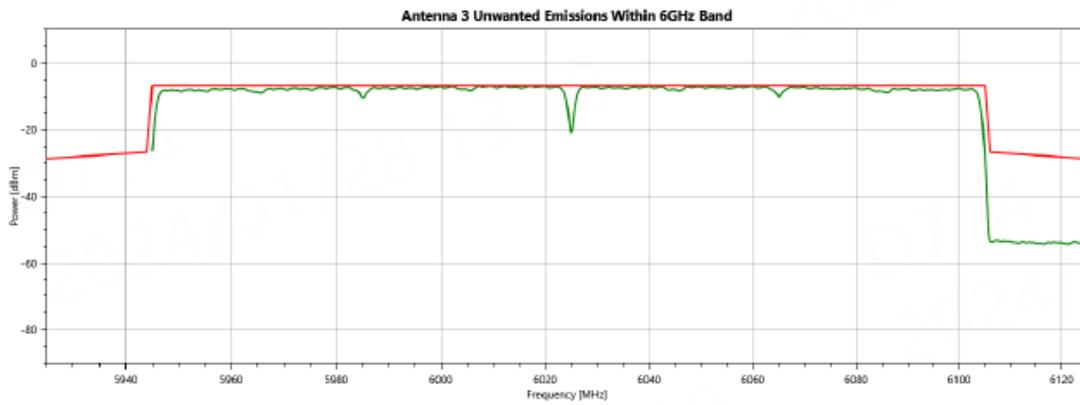
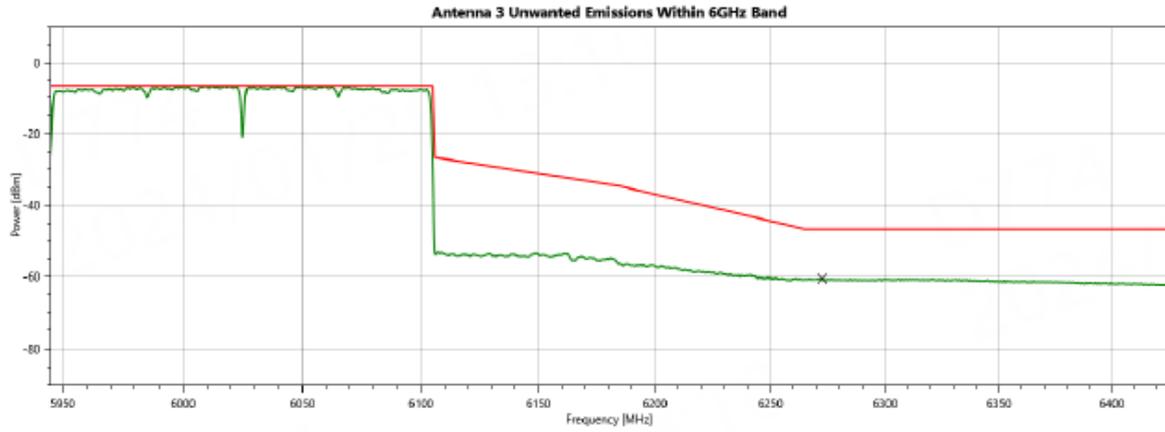
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,424.904	-62.90	-50.55	-12.35	Pass

Test Mode : IEEE 802.11ax(HE160)_6025MHz_Ant.2



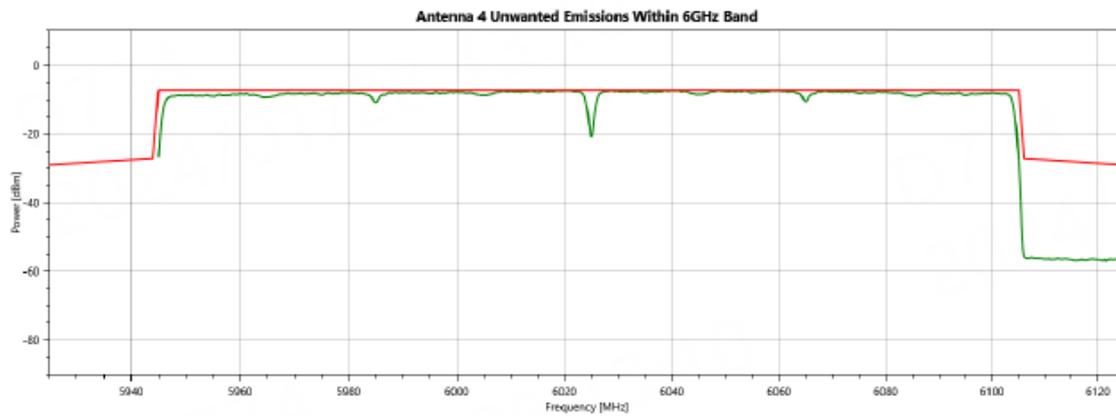
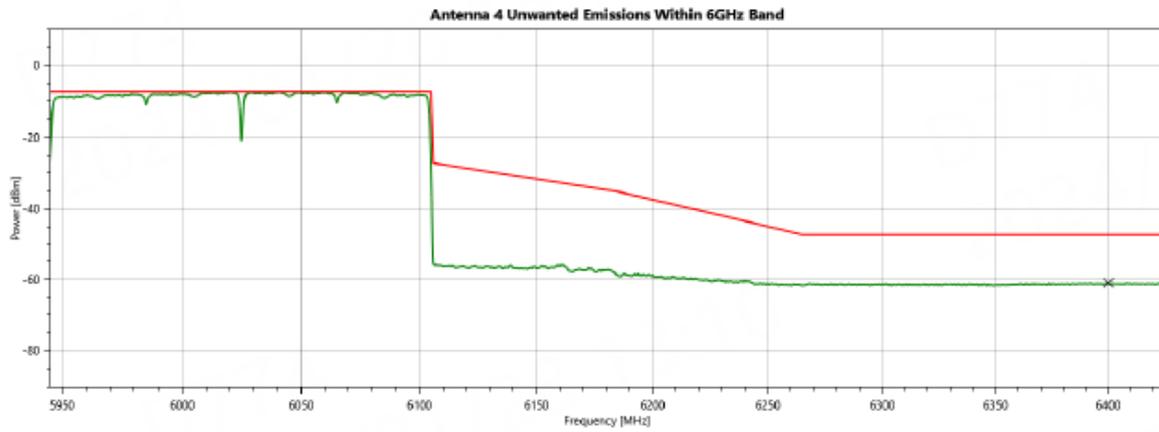
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,266.264	-60.67	-47.29	-13.38	Pass

Test Mode : IEEE 802.11ax(HE160)_6025MHz_Ant.3



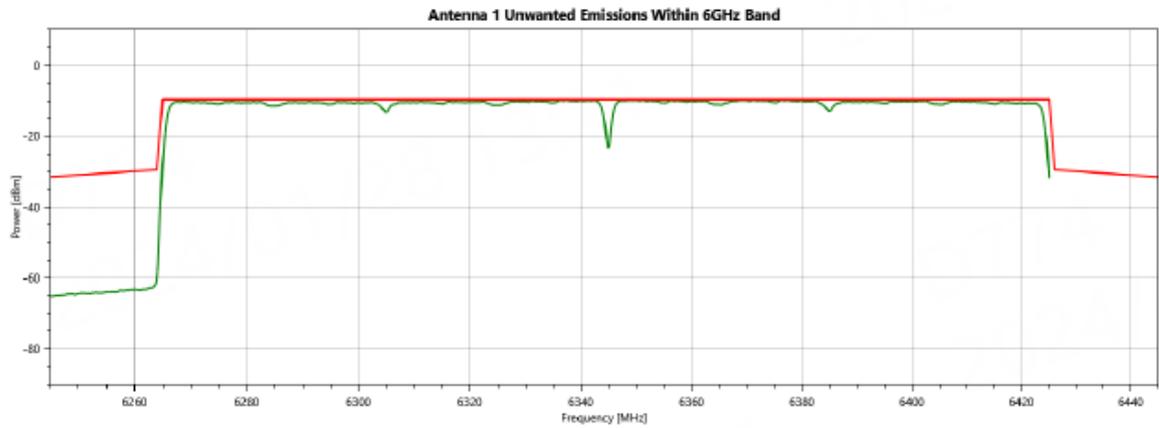
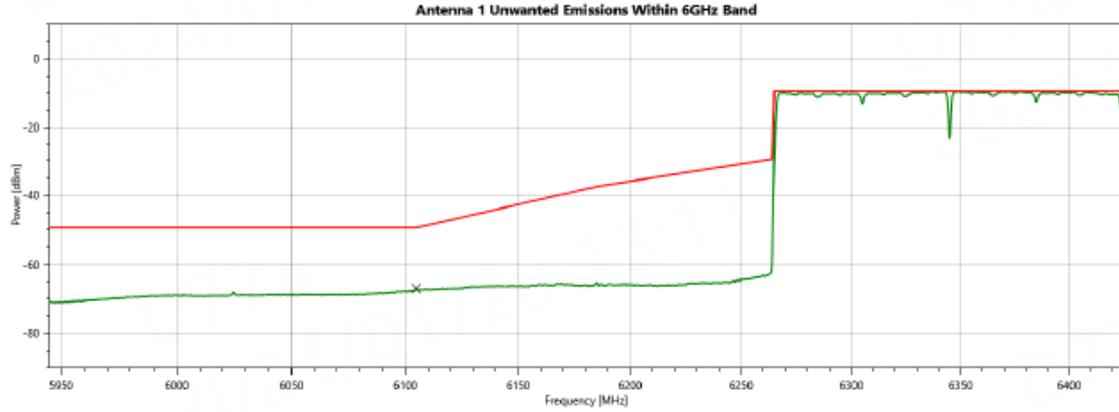
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,272.504	-60.57	-46.69	-13.88	Pass

Test Mode : IEEE 802.11ax(HE160)_6025MHz_Ant.4



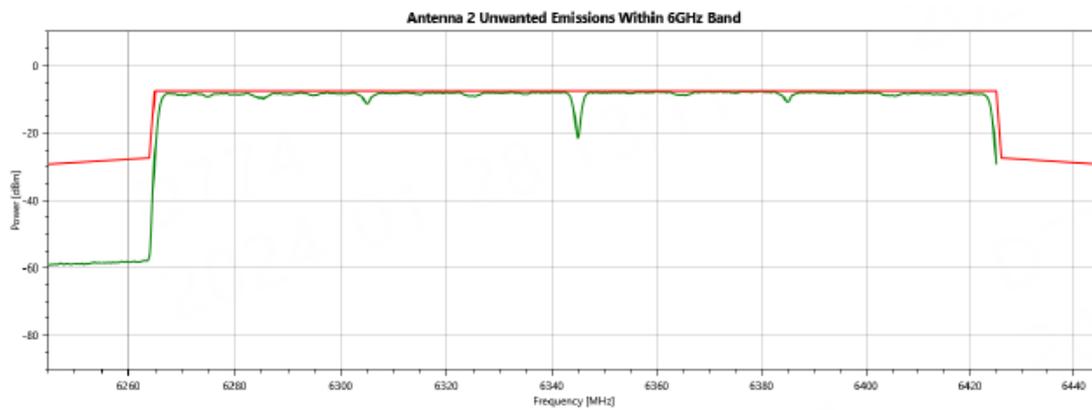
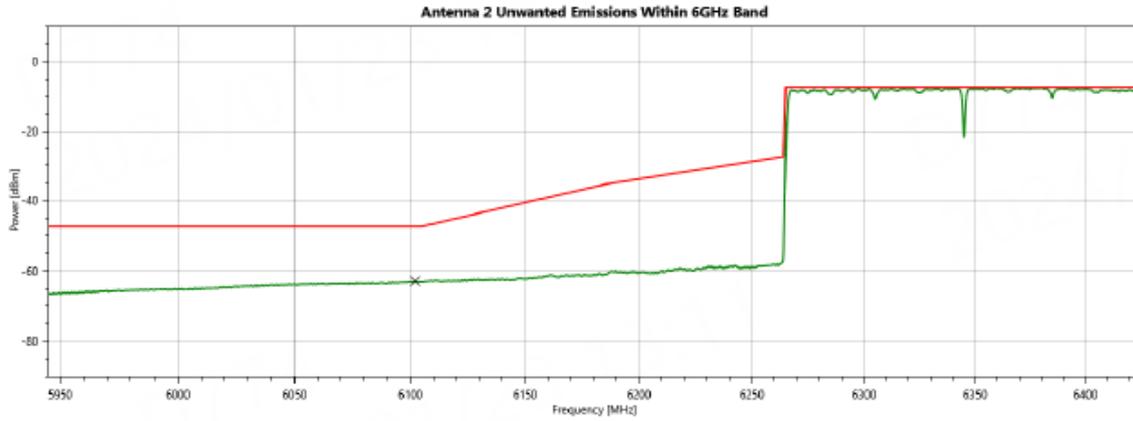
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,400.112	-60.99	-47.22	-13.77	Pass

Test Mode : IEEE 802.11ax(HE160)_6345MHz_Ant.1



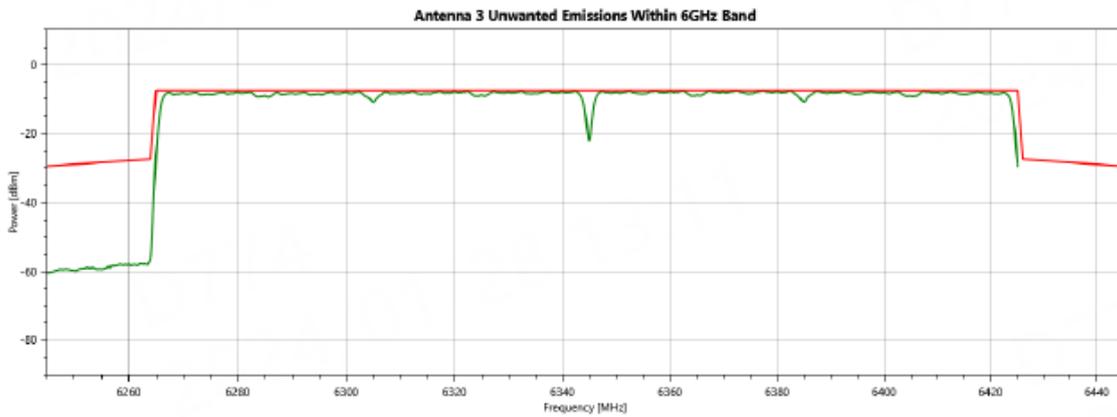
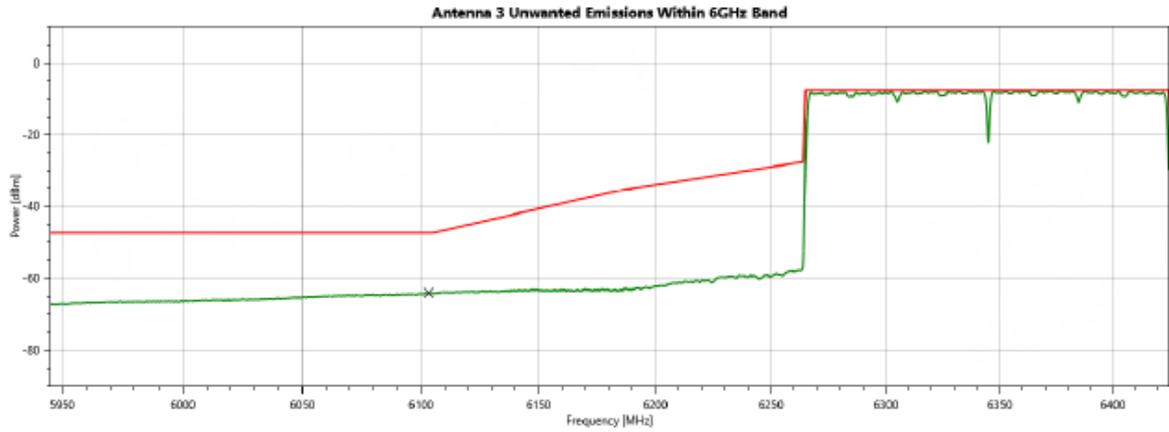
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,104.864	-66.85	-49.54	-17.31	Pass

Test Mode : IEEE 802.11ax(HE160)_6345MHz_Ant.2



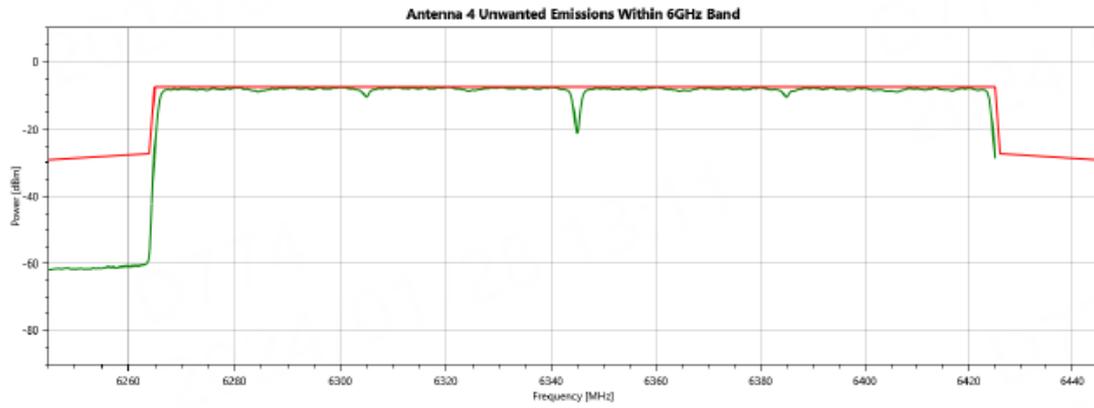
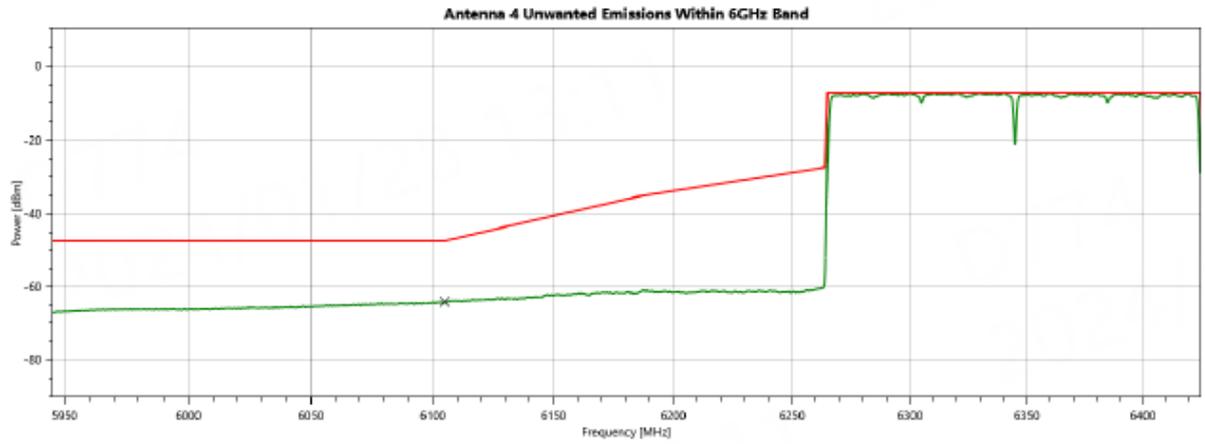
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,102.080	-62.85	-47.44	-15.41	Pass

Test Mode : IEEE 802.11ax(HE160)_6345MHz_Ant.3



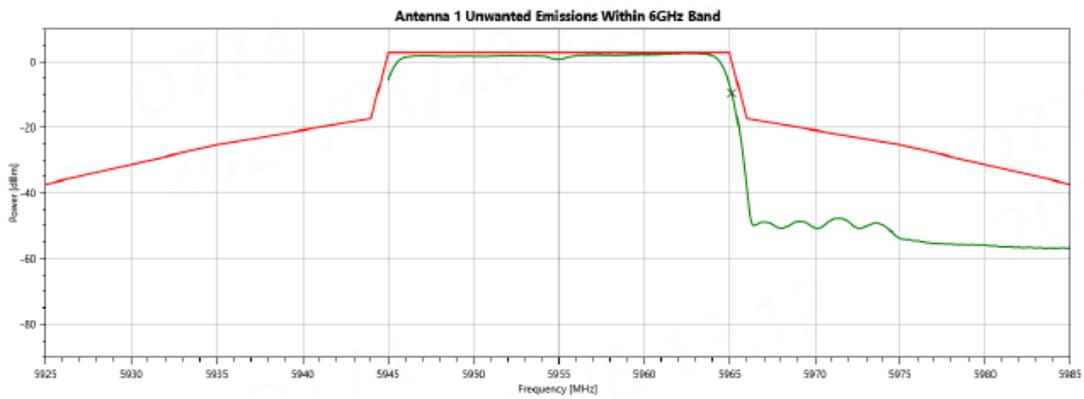
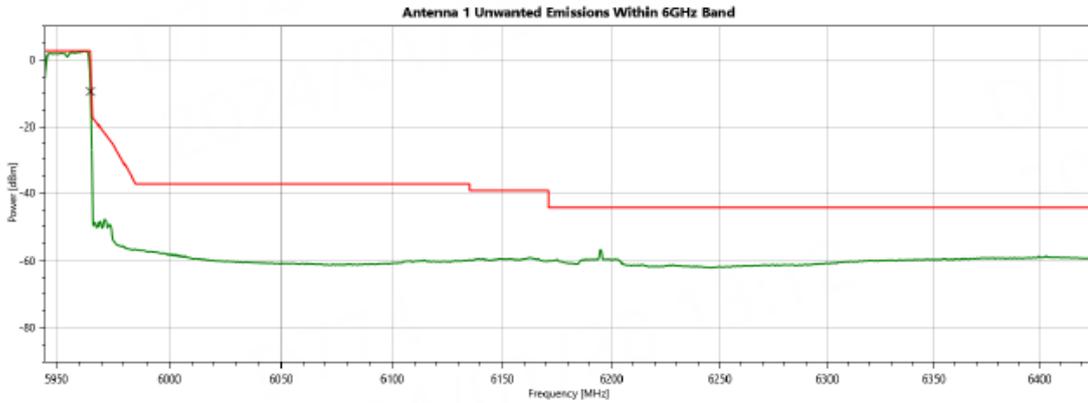
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,103.256	-64.09	-47.52	-16.57	Pass

Test Mode : IEEE 802.11ax(HE160)_6345MHz_Ant.4



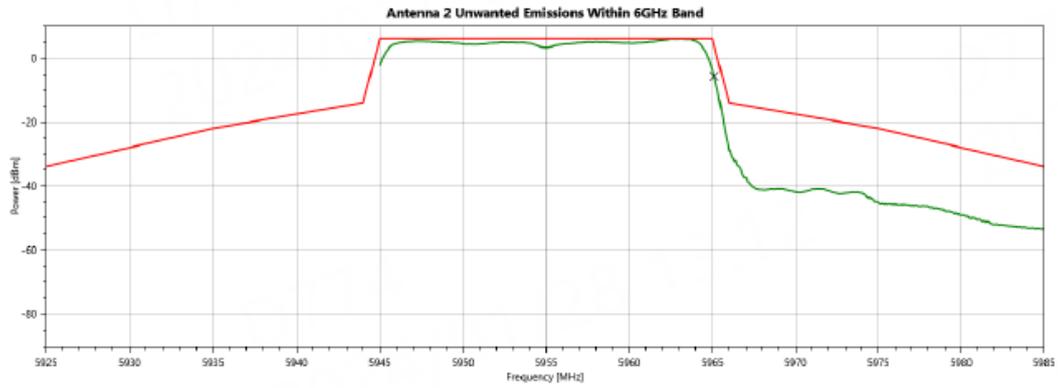
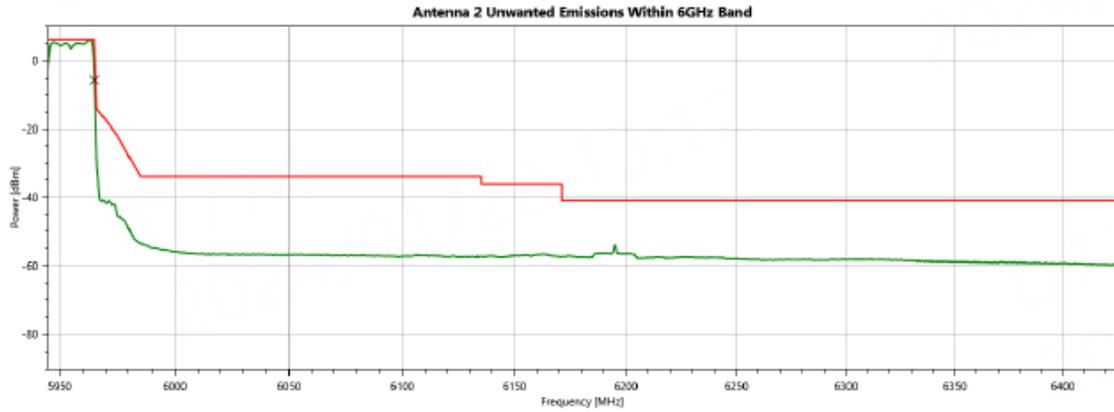
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,104.960	-64.28	-47.37	-16.91	Pass

Test Mode : IEEE 802.11be(EHT20)_5955MHz_Ant.1



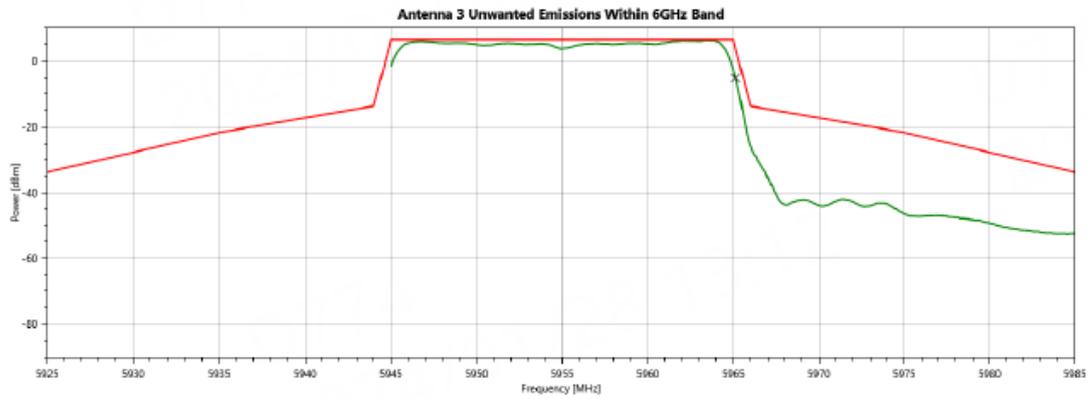
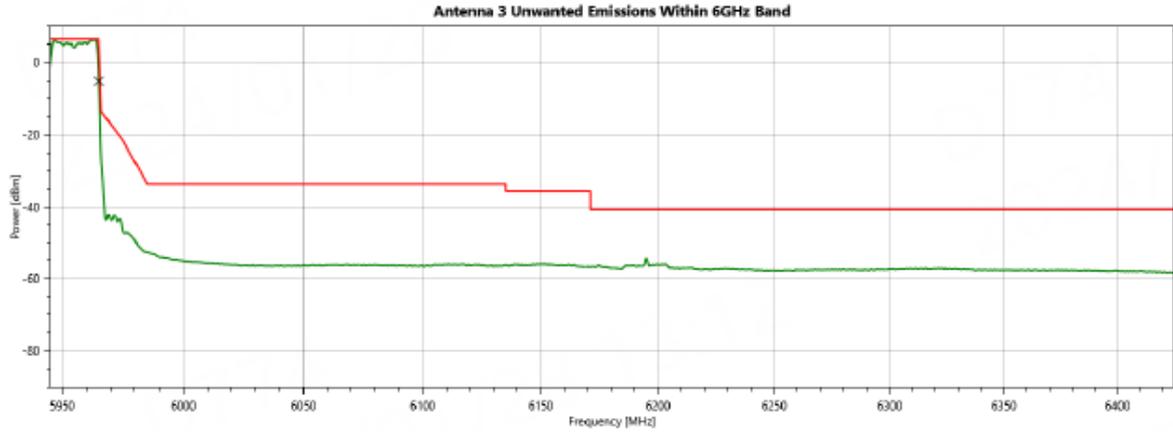
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,965.136	-9.54	-0.03	-9.51	Pass

Test Mode : IEEE 802.11be(EHT20)_5955MHz_Ant.2



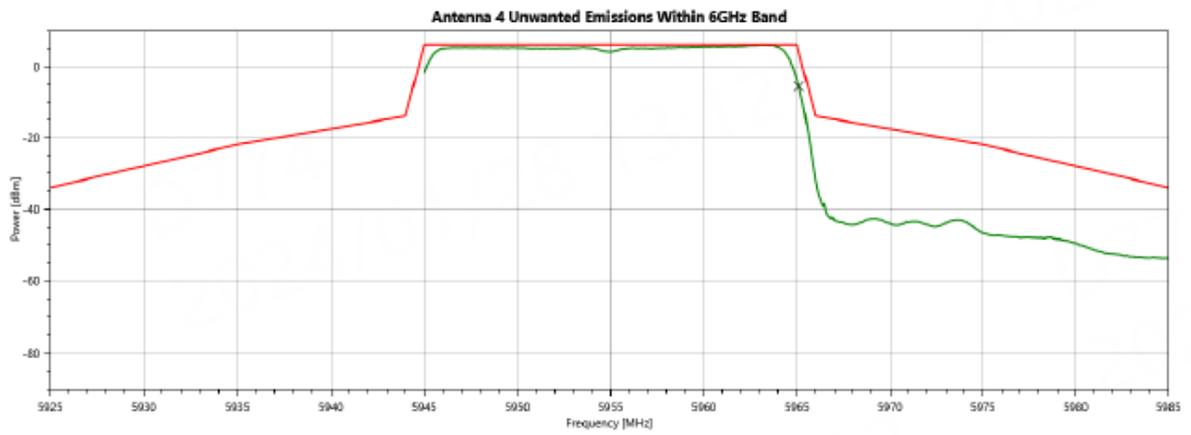
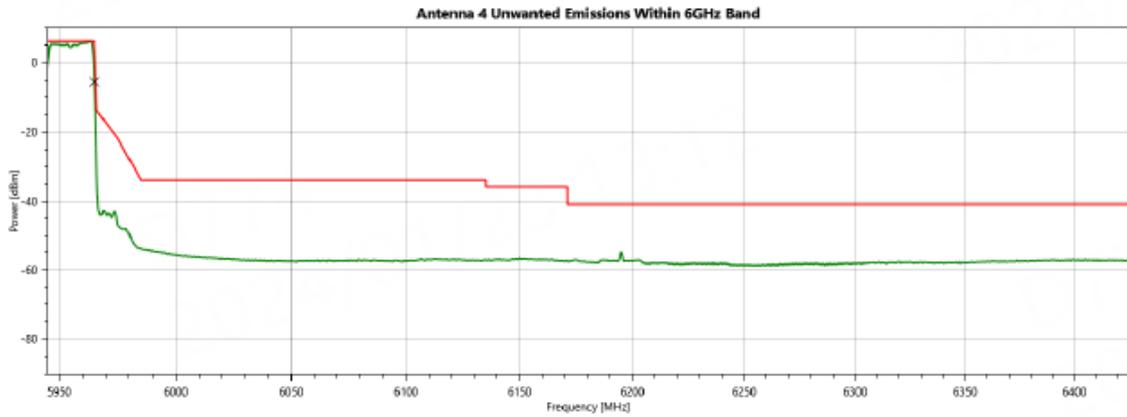
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,965.112	-5.68	3.78	-9.46	Pass

Test Mode : IEEE 802.11be(EHT20)_5955MHz_Ant.3



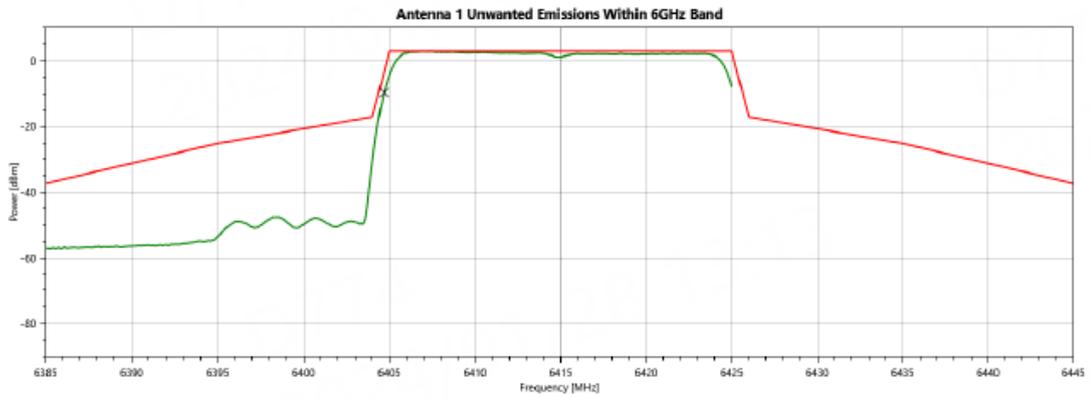
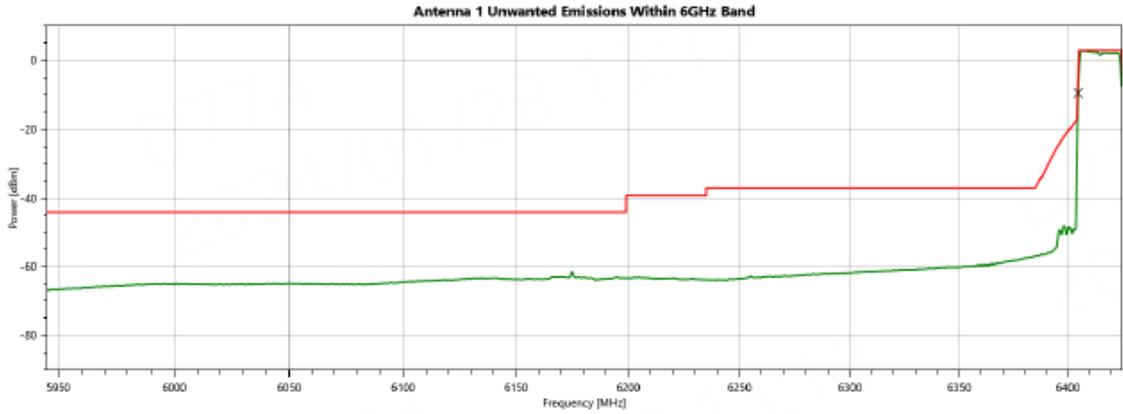
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,965.136	-5.22	3.63	-8.85	Pass

Test Mode : IEEE 802.11be(EHT20)_5955MHz_Ant.4



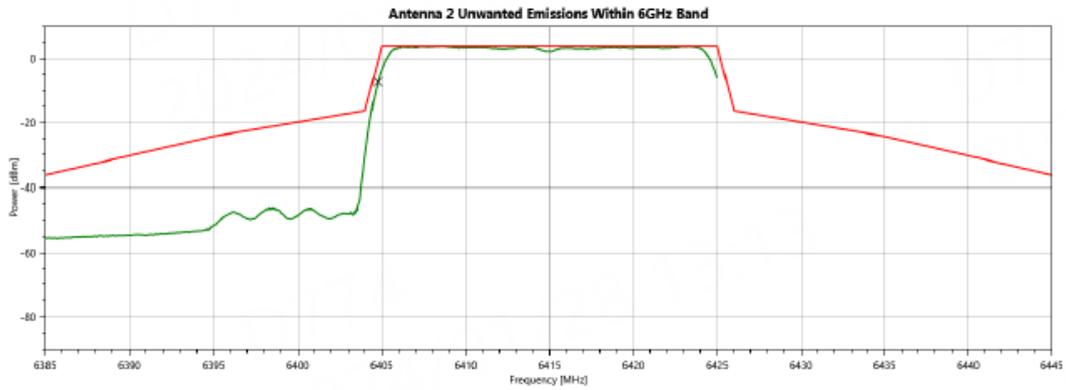
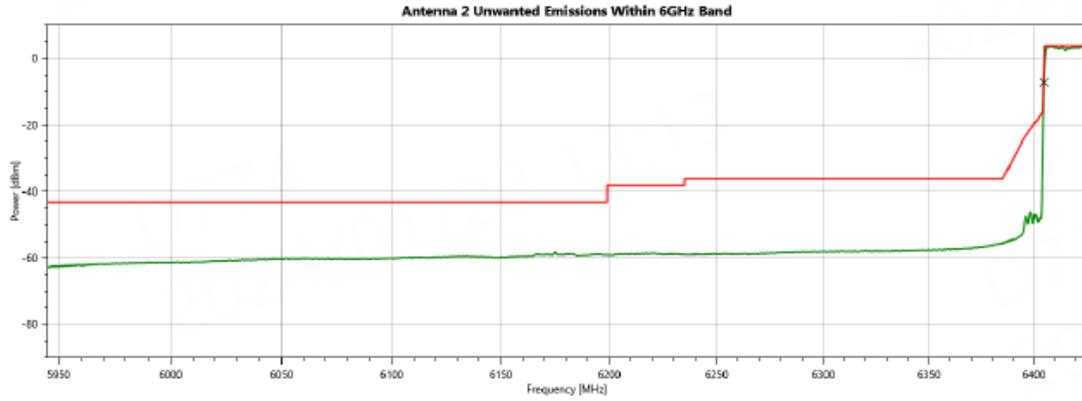
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,965.112	-5.62	3.85	-9.47	Pass

Test Mode : IEEE 802.11be(EHT20)_6415MHz_Ant.1



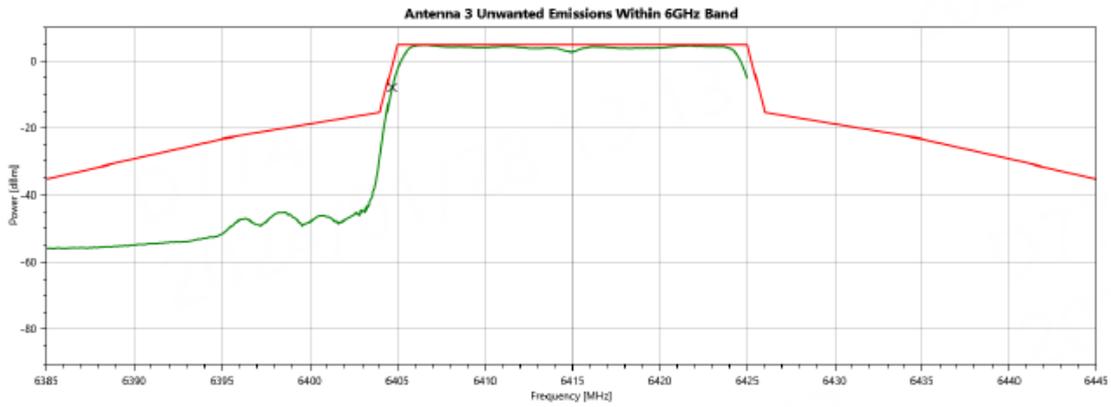
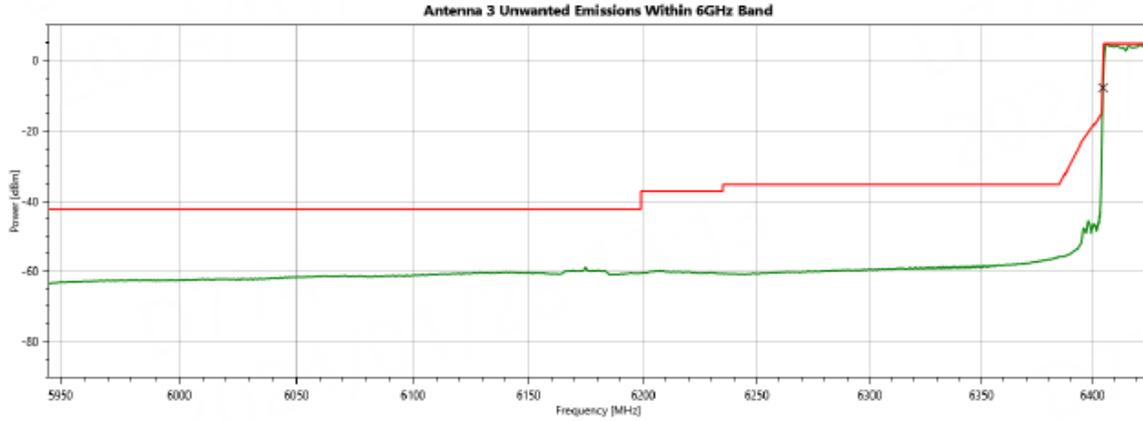
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,404.696	-9.56	-3.24	-6.32	Pass

Test Mode : IEEE 802.11be(EHT20)_6415MHz_Ant.2



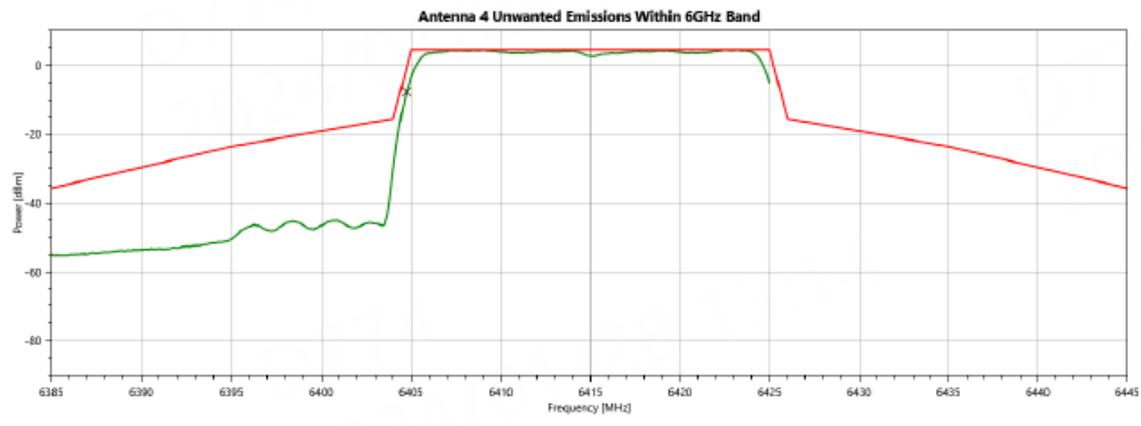
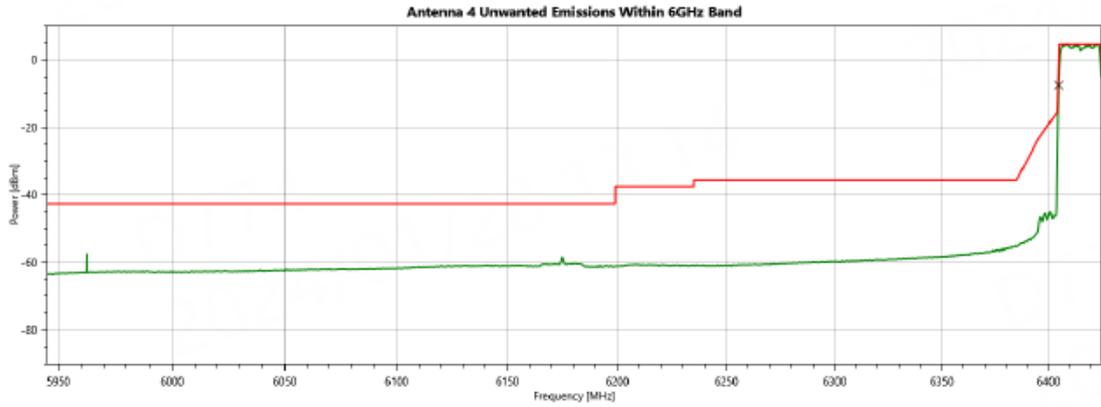
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,404.768	-7.27	-0.88	-6.39	Pass

Test Mode : IEEE 802.11be(EHT20)_6415MHz_Ant.3



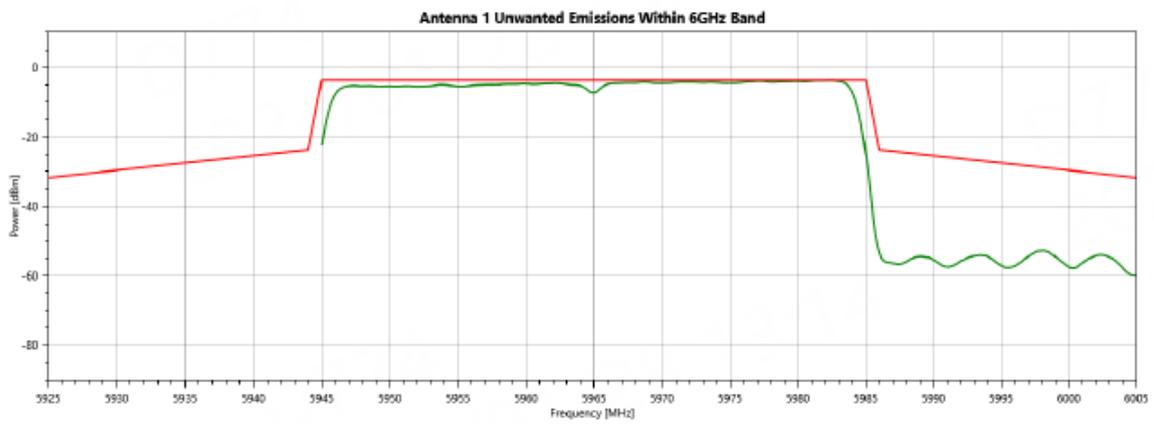
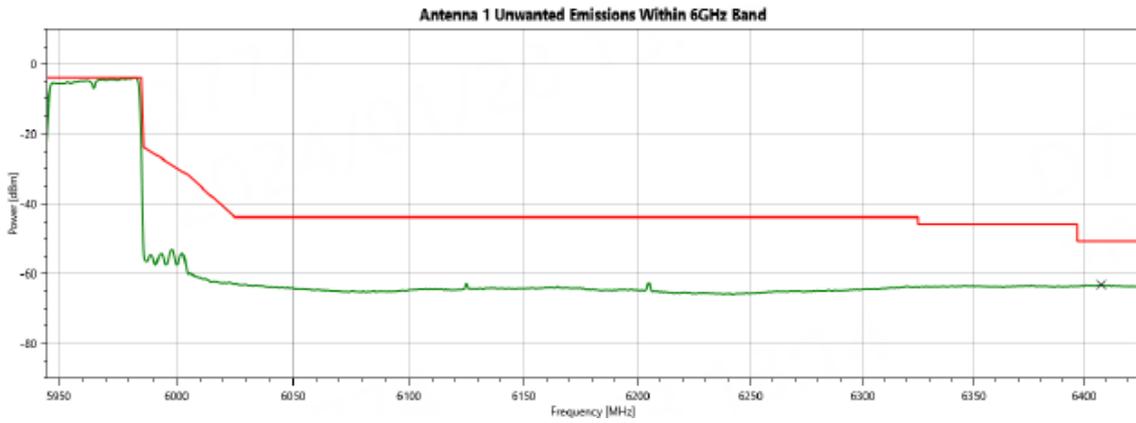
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,404.696	-7.77	-1.34	-6.53	Pass

Test Mode : IEEE 802.11be(EHT20)_6415MHz_Ant.4



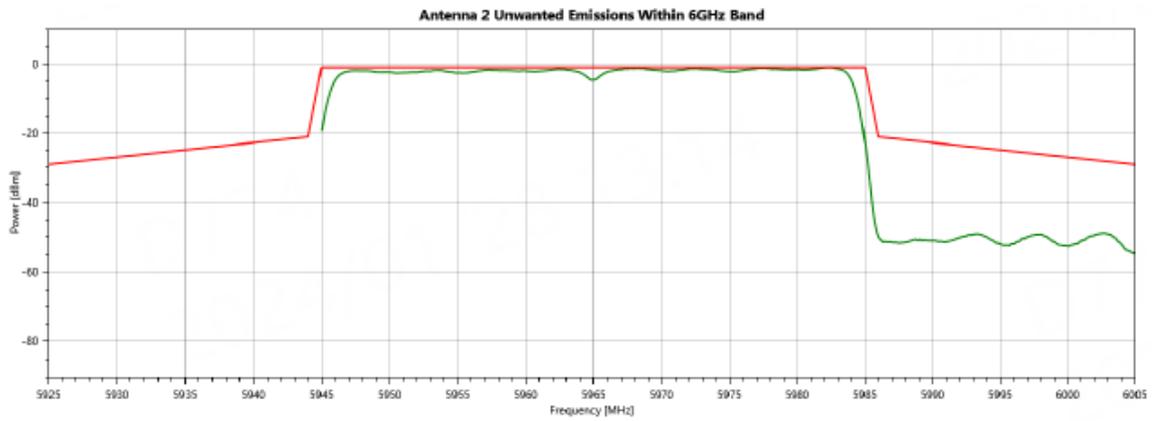
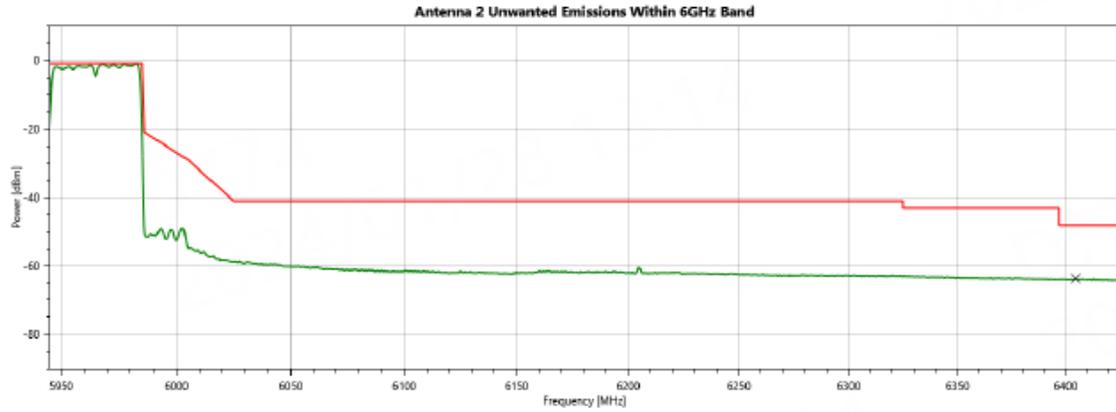
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,404.744	-7.60	-0.69	-6.91	Pass

Test Mode : IEEE 802.11be(EHT40)_5965MHz_Ant.1



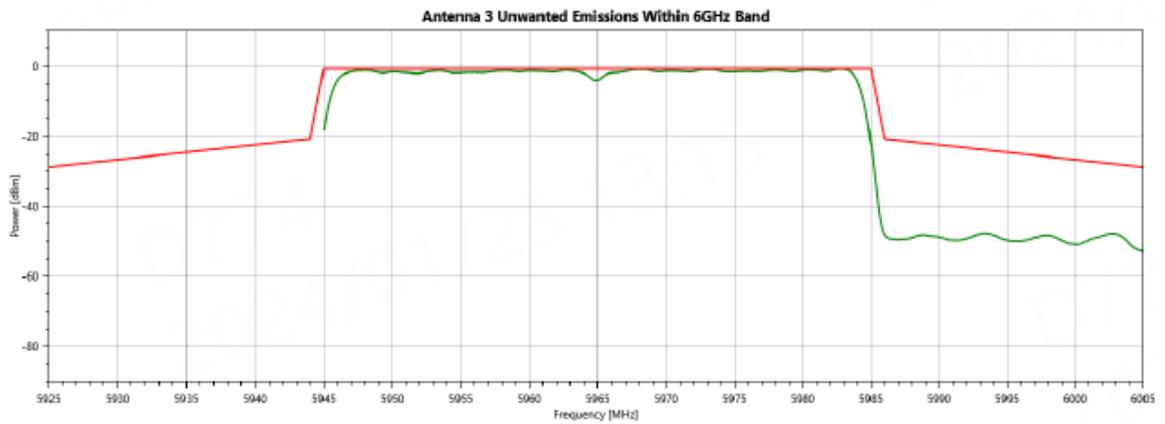
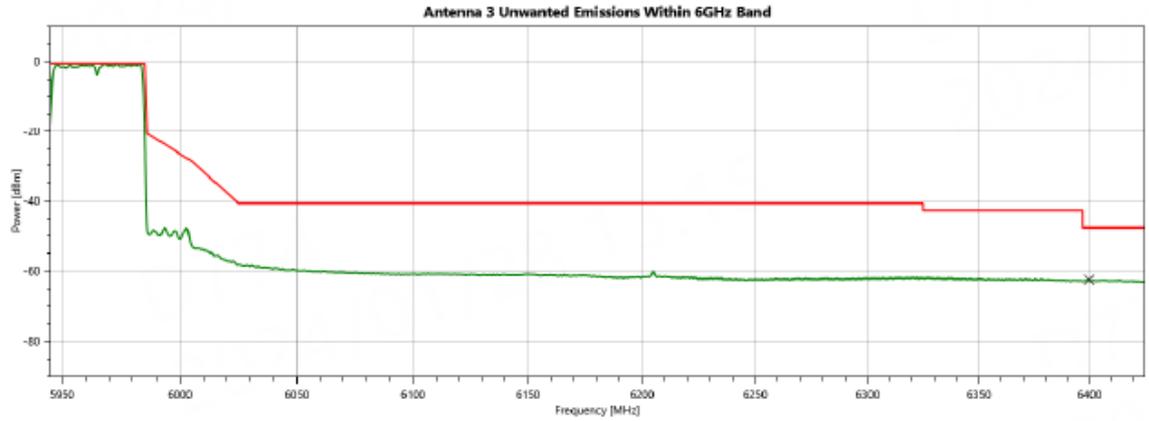
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,407.840	-63.09	-50.78	-12.31	Pass

Test Mode : IEEE 802.11be(EHT40)_5965MHz_Ant.2



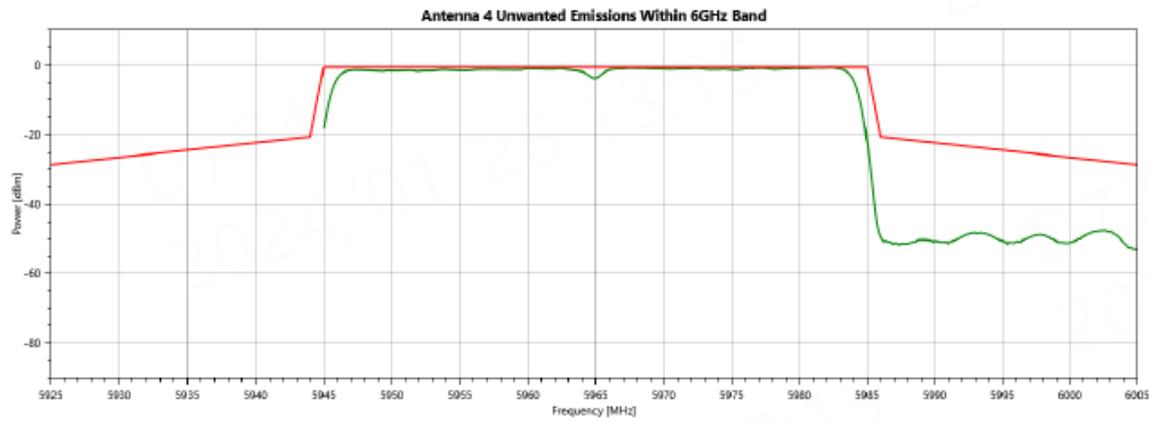
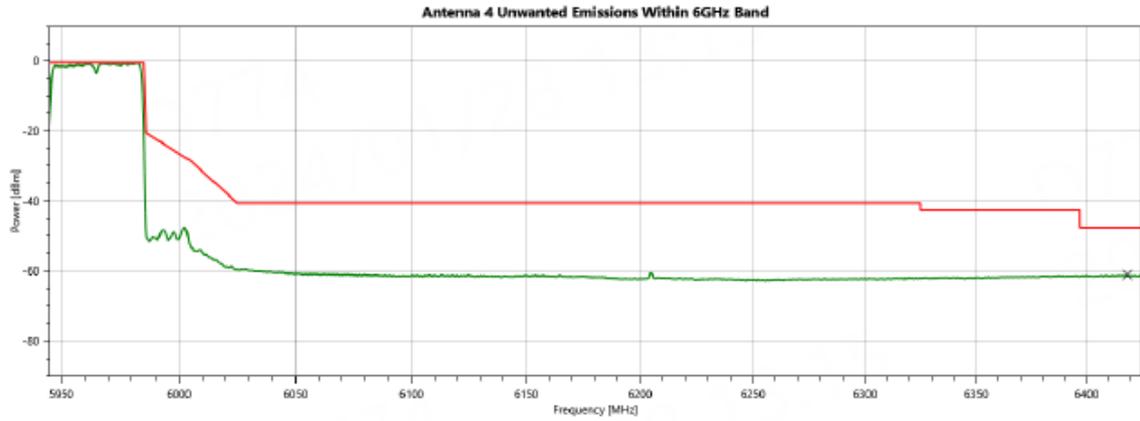
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,404.552	-63.56	-48.04	-15.52	Pass

Test Mode : IEEE 802.11be(EHT40)_5965MHz_Ant.3



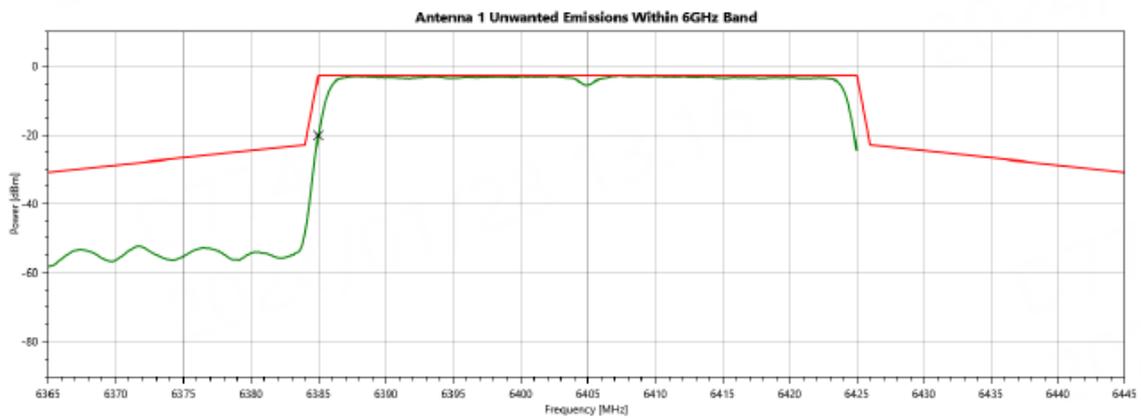
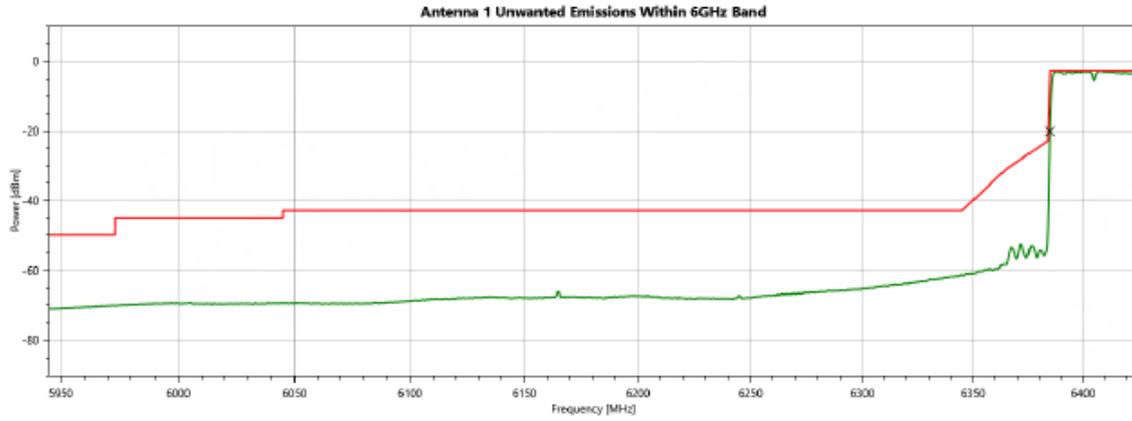
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,399.848	-62.48	-47.70	-14.78	Pass

Test Mode : IEEE 802.11be(EHT40)_5965MHz_Ant.4



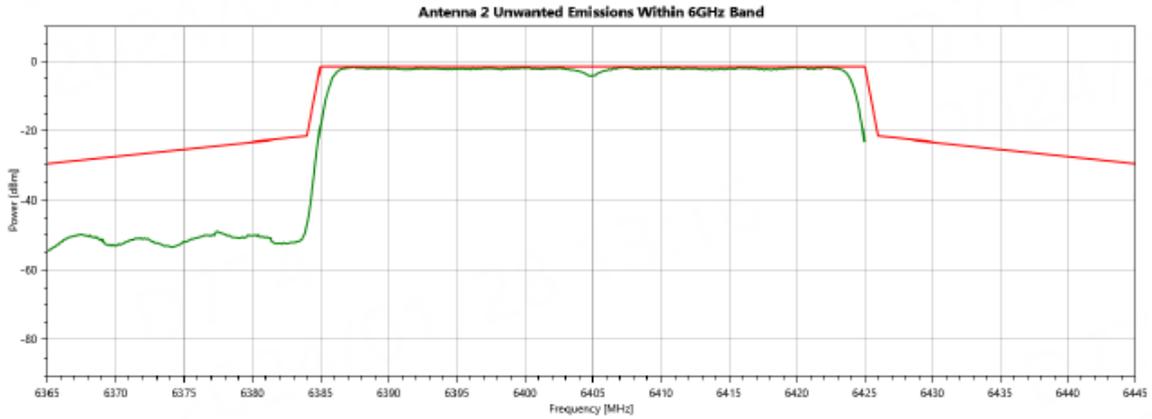
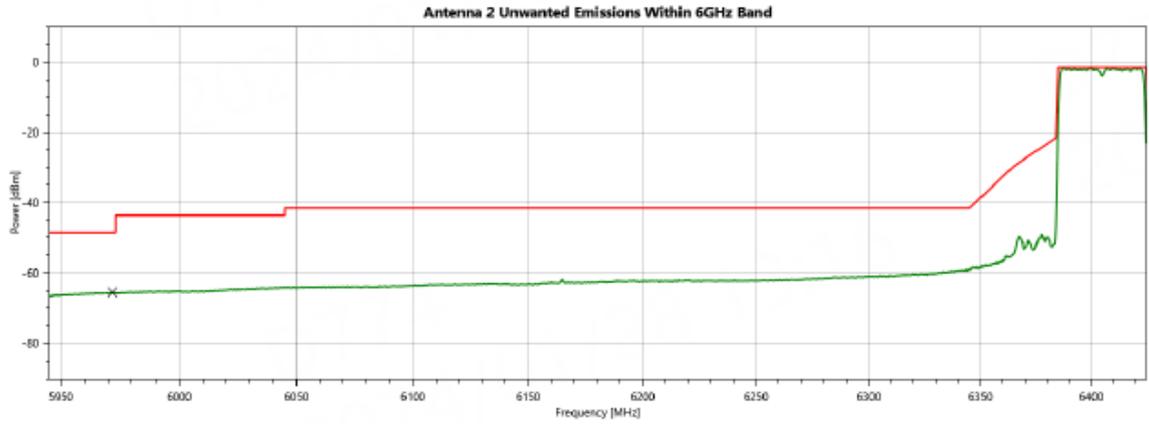
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,418.568	-61.11	-47.58	-13.53	Pass

Test Mode : IEEE 802.11be(EHT40)_6405MHz_Ant.1



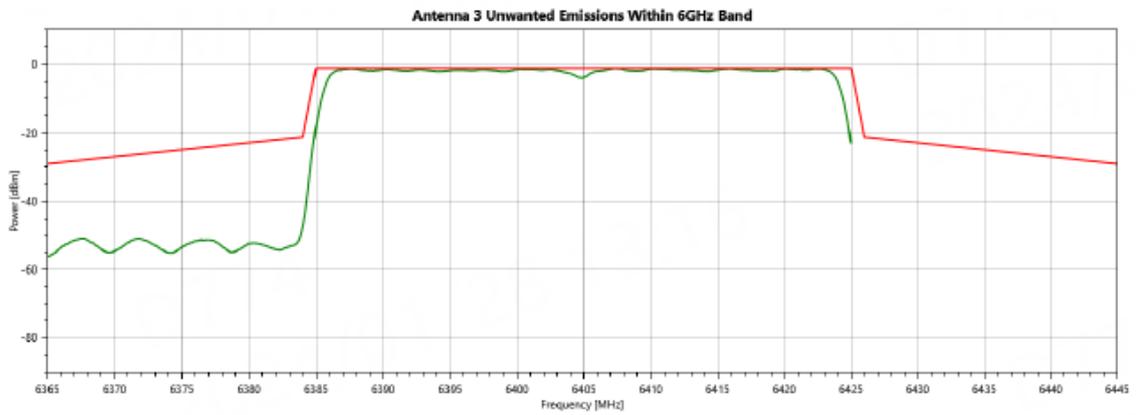
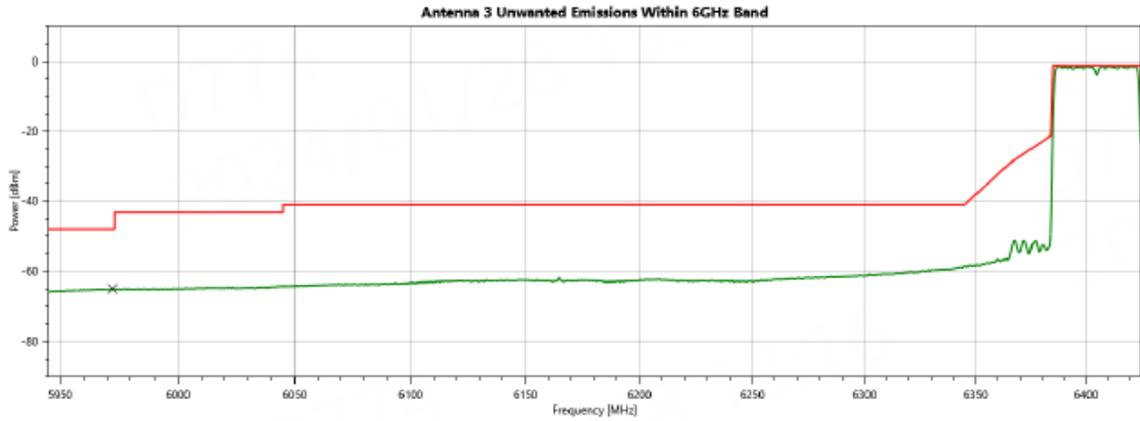
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,384.992	-20.18	-3.04	-17.14	Pass

Test Mode : IEEE 802.11be(EHT40)_6405MHz_Ant.2



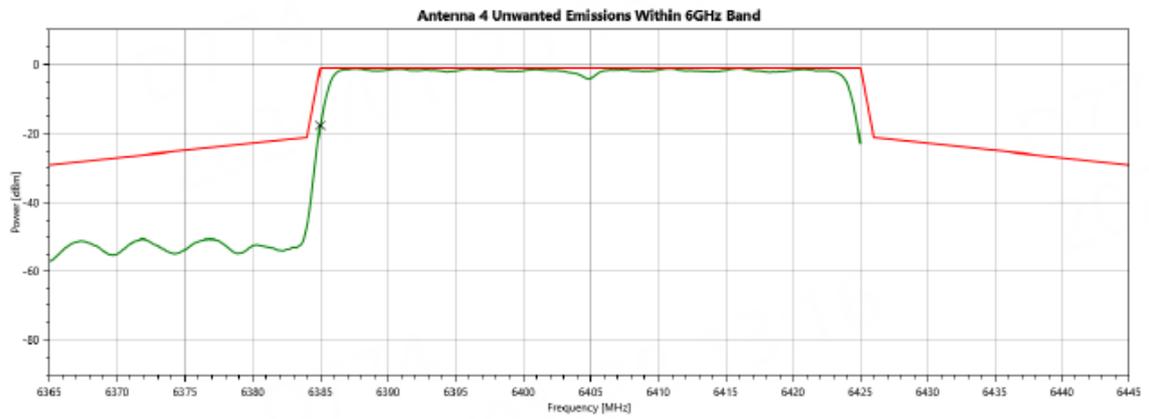
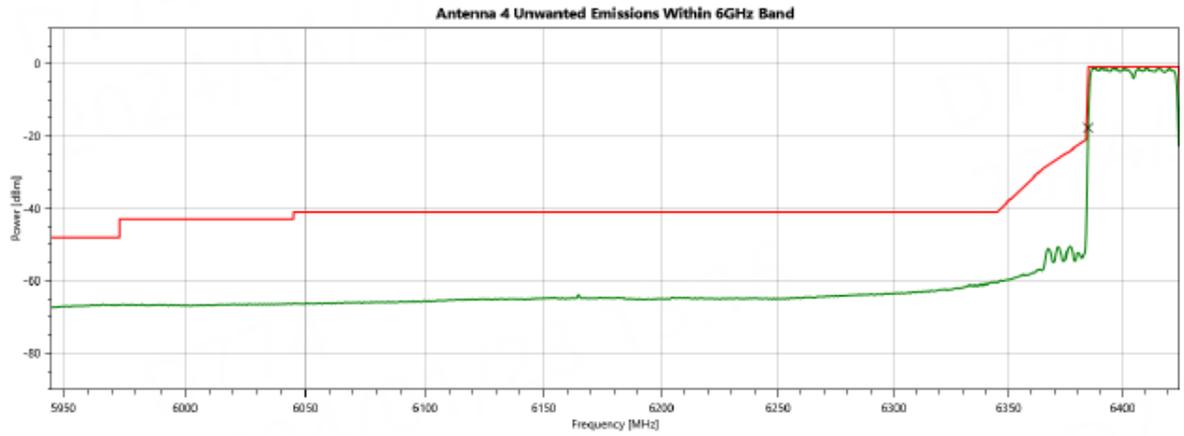
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,971.592	-65.55	-48.58	-16.97	Pass

Test Mode : IEEE 802.11be(EHT40)_6405MHz_Ant.3



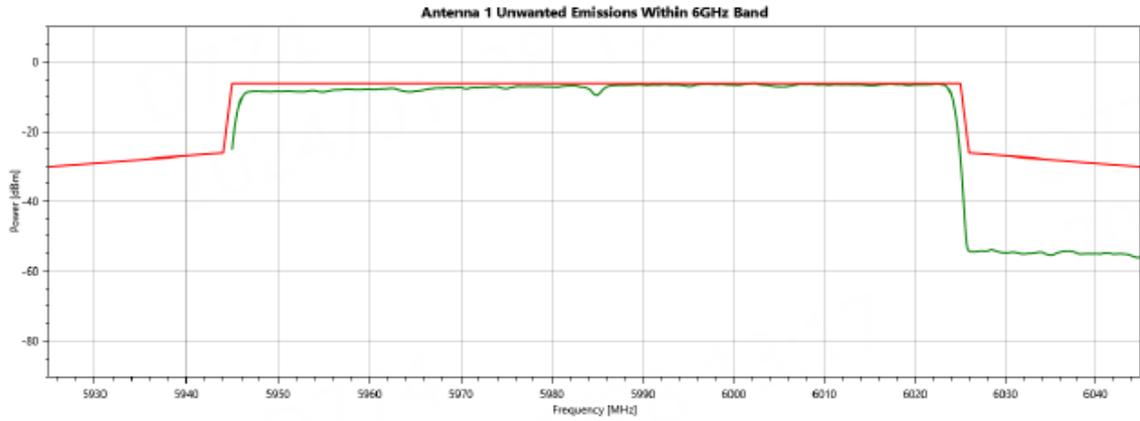
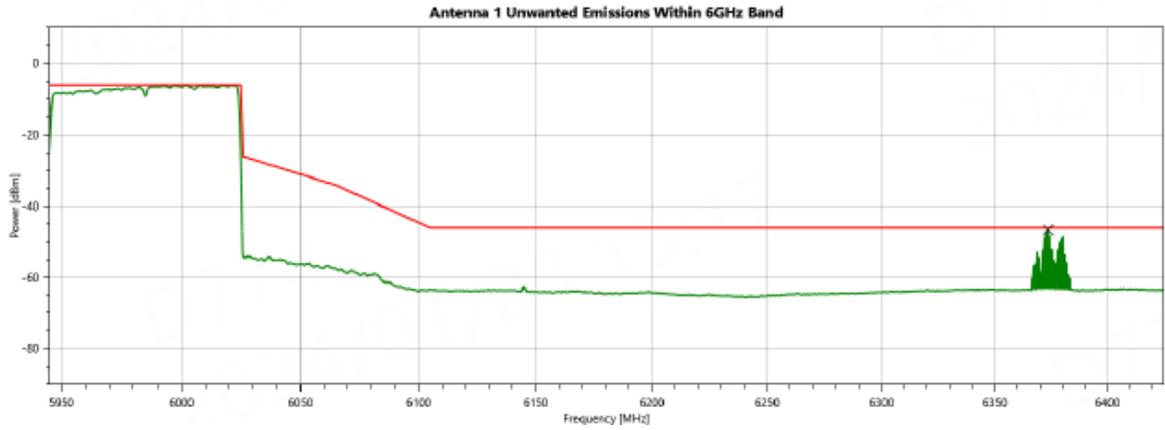
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
5,972.096	-65.05	-48.18	-16.87	Pass

Test Mode : IEEE 802.11be(EHT40)_6405MHz_Ant.4



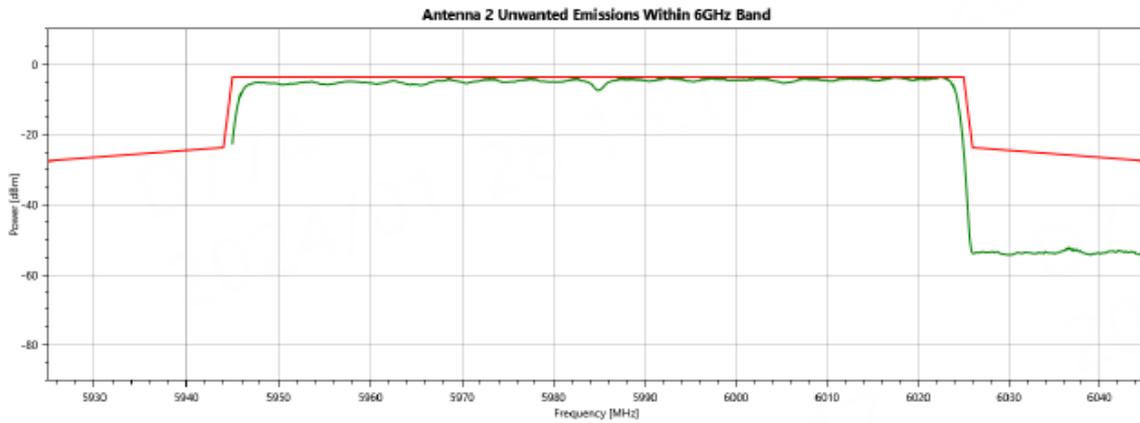
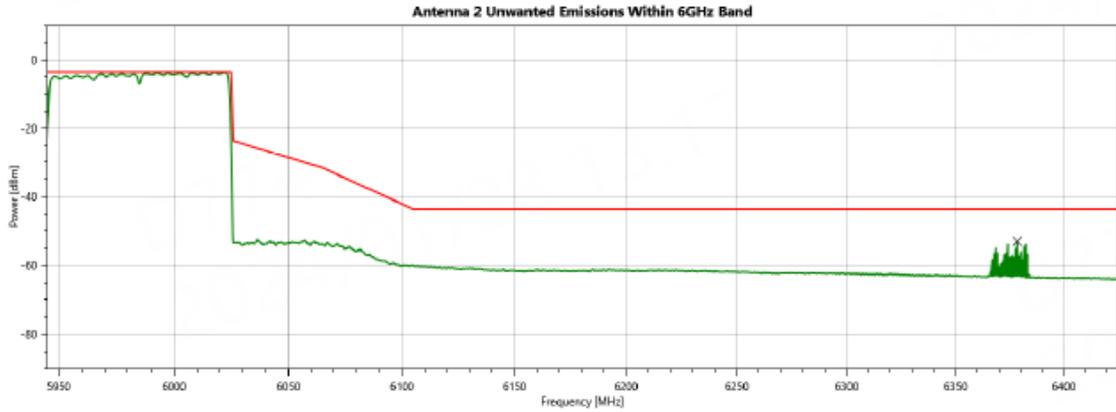
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,384.992	-17.66	-1.16	-16.50	Pass

Test Mode : IEEE 802.11be(EHT80)_5985MHz_Ant.1



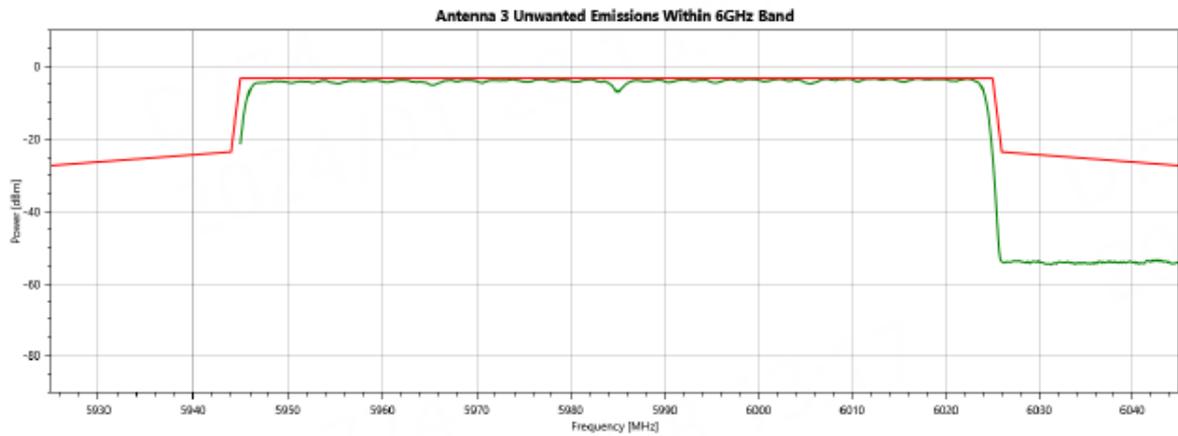
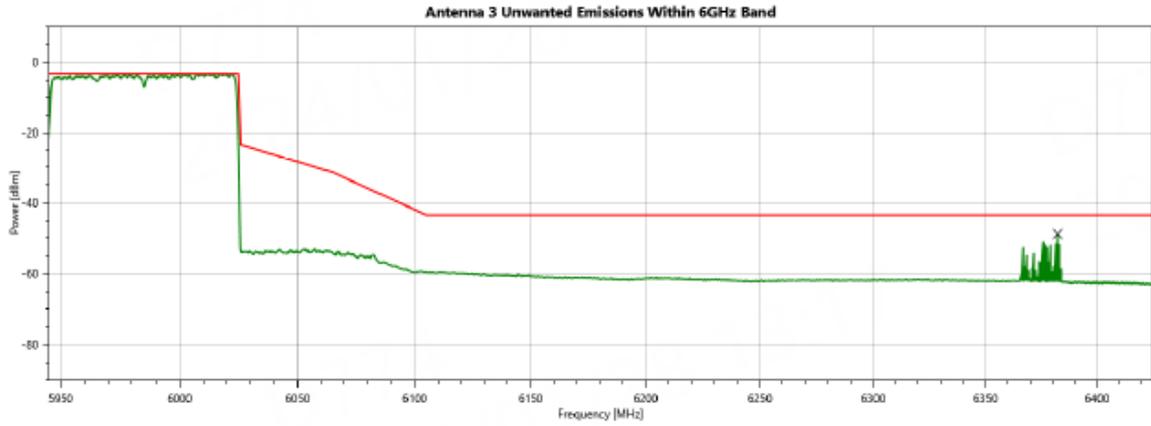
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,373.616	-46.68	-46.17	-0.51	Pass

Test Mode : IEEE 802.11be(EHT80)_5985MHz_Ant.2



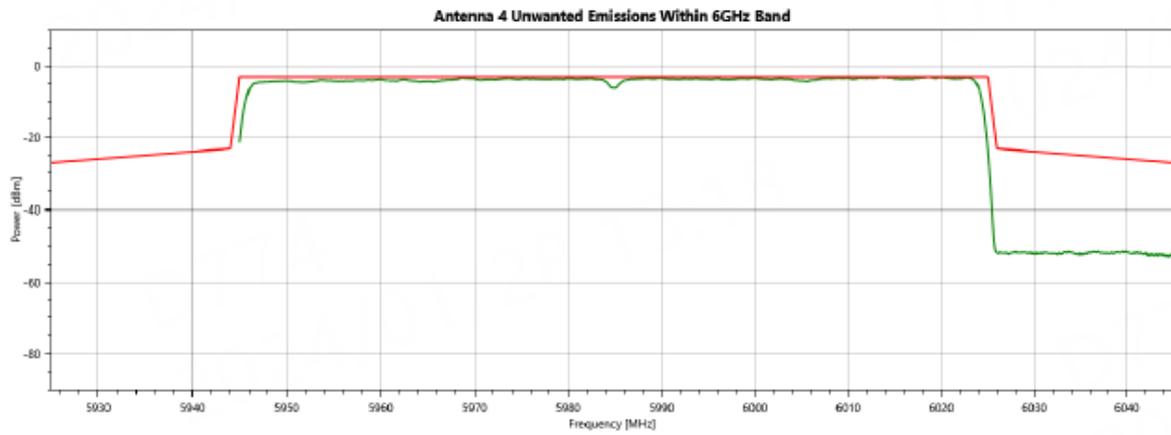
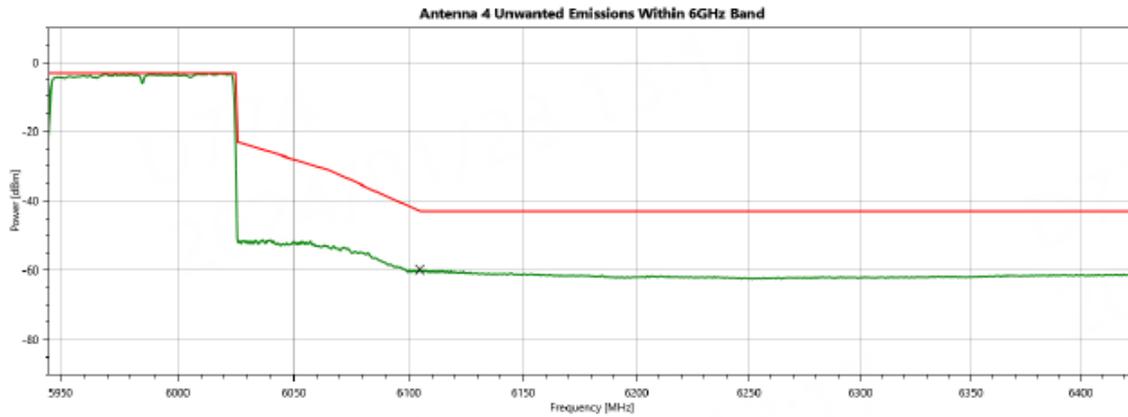
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,378.296	-53.08	-43.66	-9.42	Pass

Test Mode : IEEE 802.11be(EHT80)_5985MHz_Ant.3



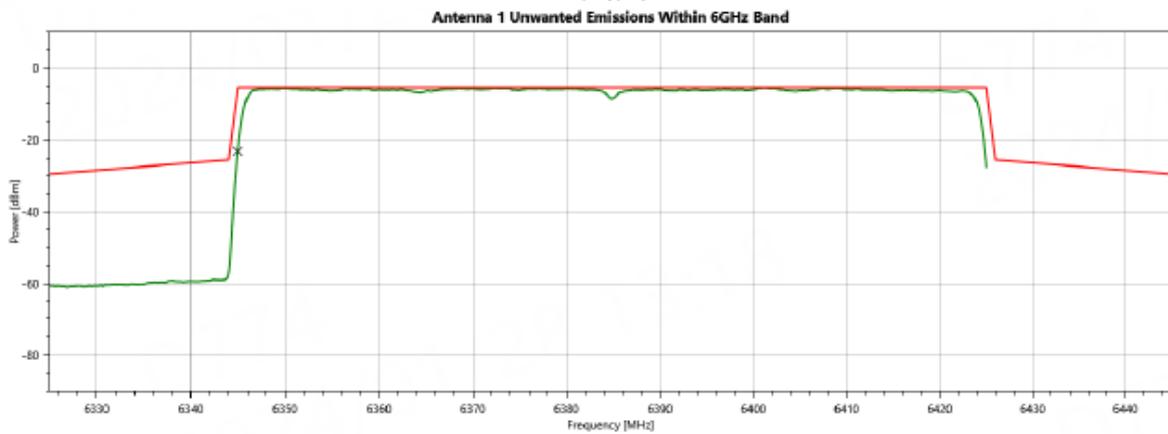
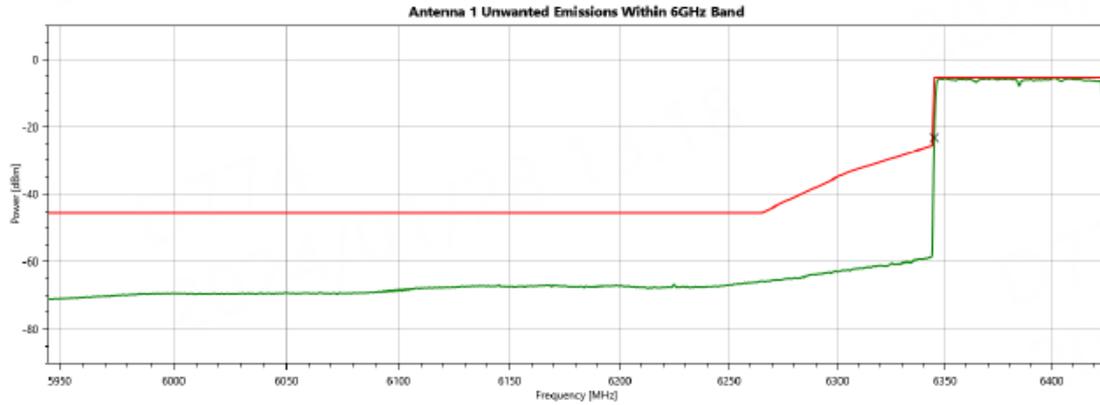
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,382.304	-48.81	-43.45	-5.36	Pass

Test Mode : IEEE 802.11be(EHT80)_5985MHz_Ant.4



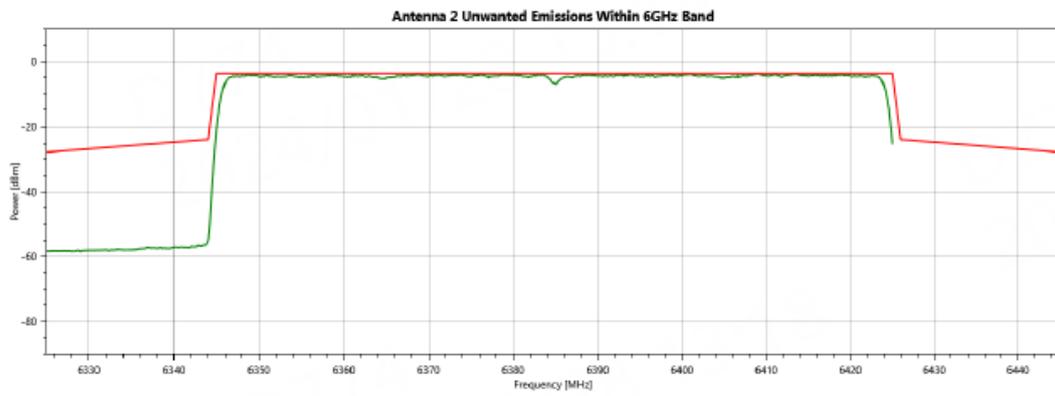
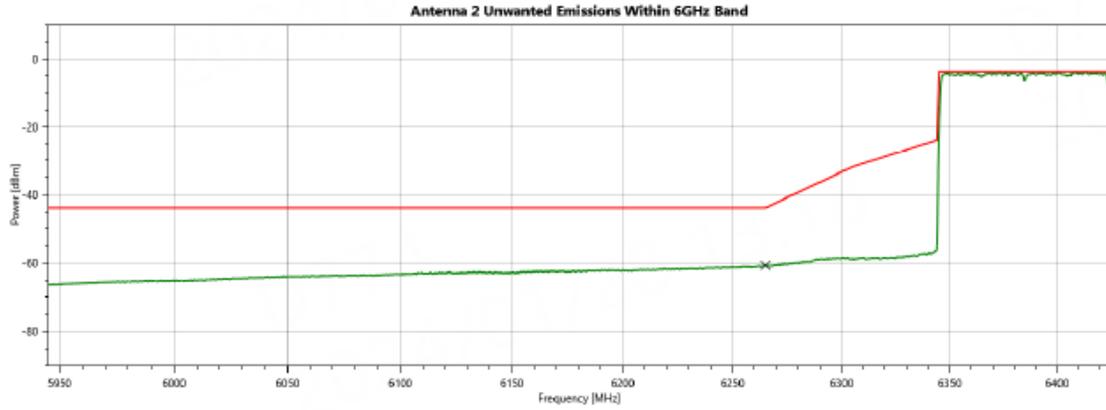
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,104.792	-59.82	-43.06	-16.76	Pass

Test Mode : IEEE 802.11be(EHT80)_6385MHz_Ant.1



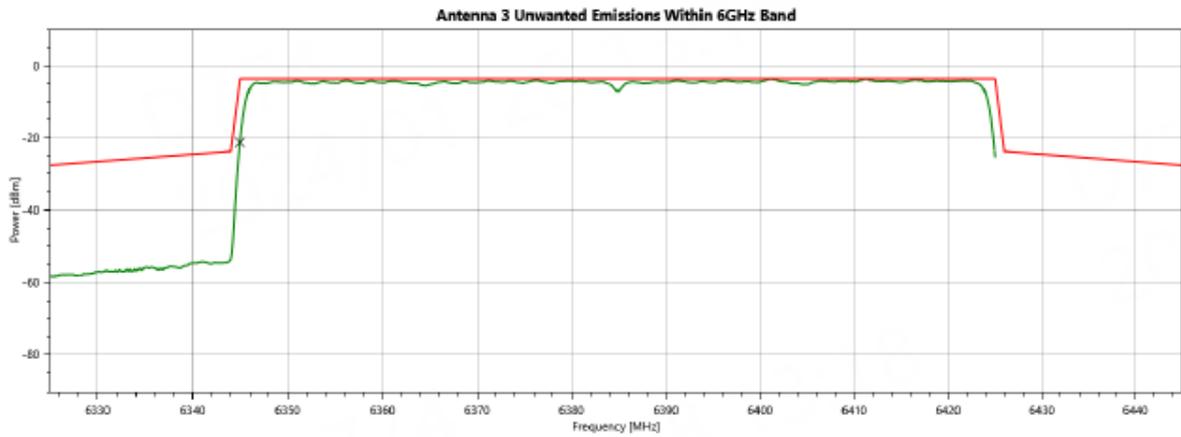
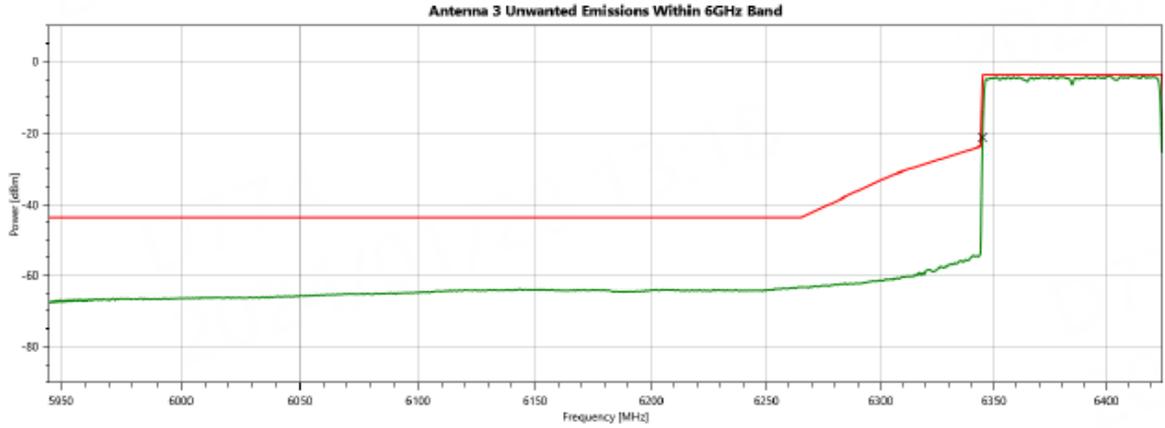
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,344.984	-23.09	-5.82	-17.27	Pass

Test Mode : IEEE 802.11be(EHT80)_6385MHz_Ant.2



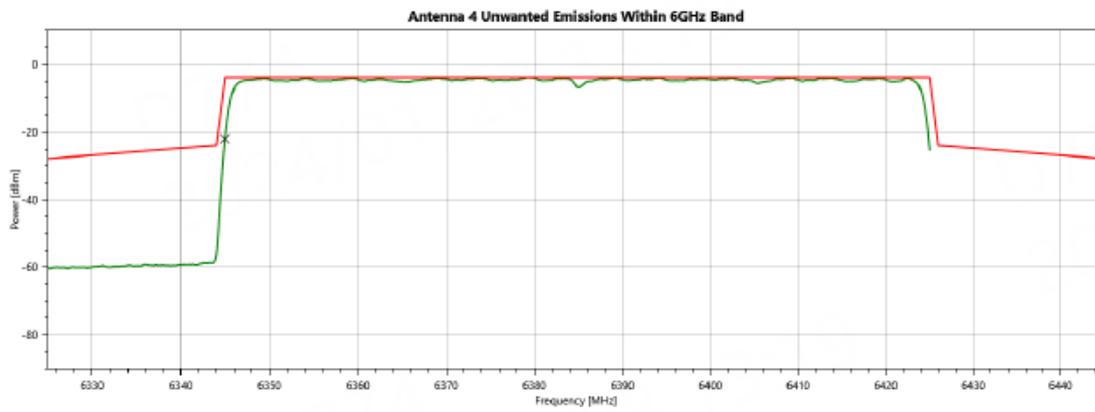
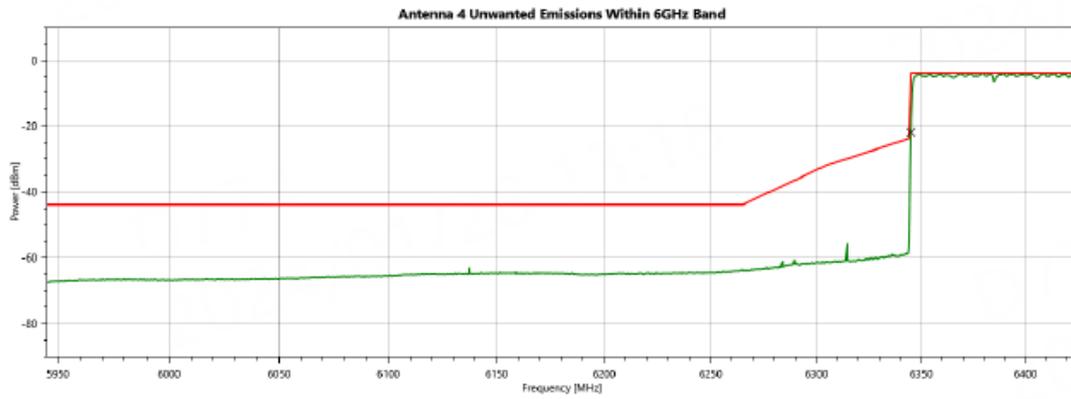
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,265.016	-60.76	-43.84	-16.92	Pass

Test Mode : IEEE 802.11be(EHT80)_6385MHz_Ant.3



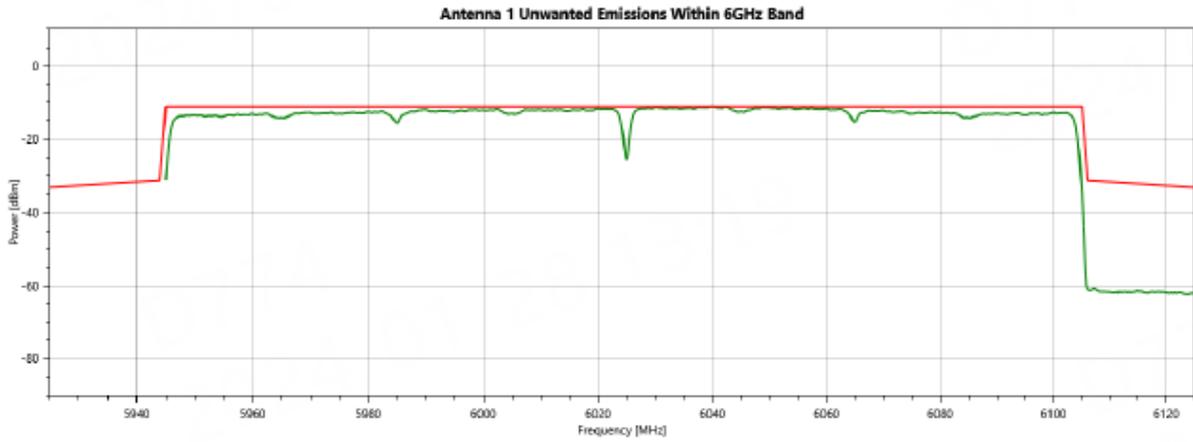
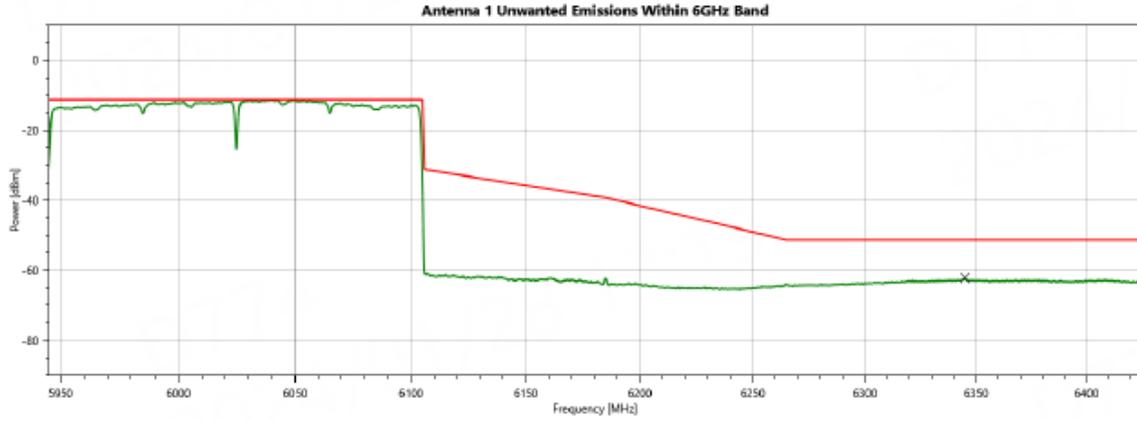
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,344.984	-21.30	-4.01	-17.29	Pass

Test Mode : IEEE 802.11be(EHT80)_6385MHz_Ant.4



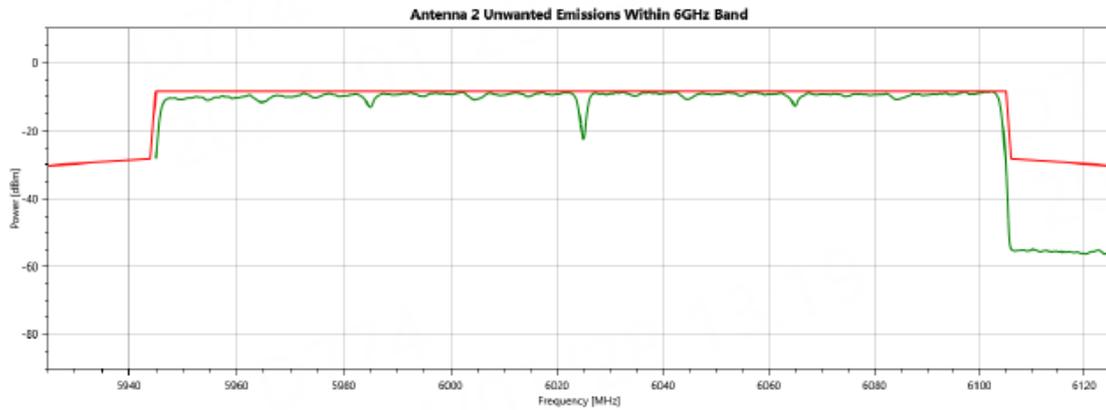
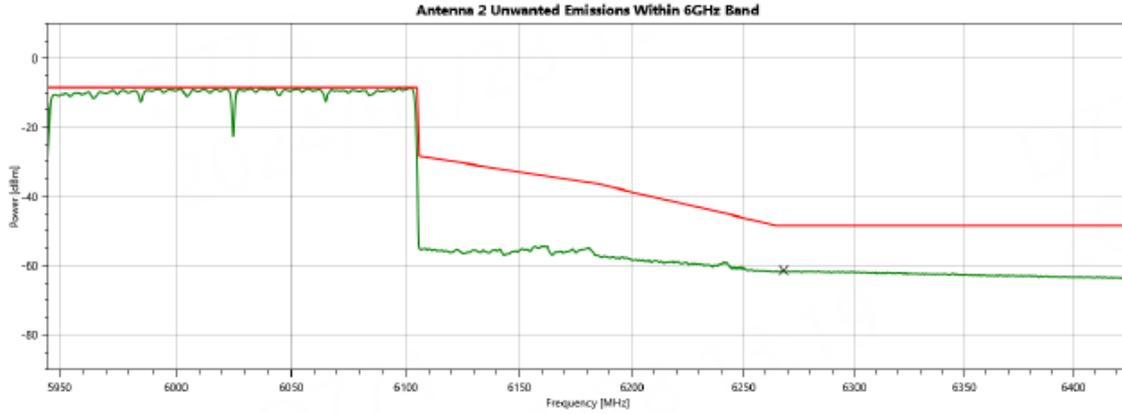
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,344.984	-21.94	-4.22	-17.72	Pass

Test Mode : IEEE 802.11be(EHT160)_6025MHz_Ant.1



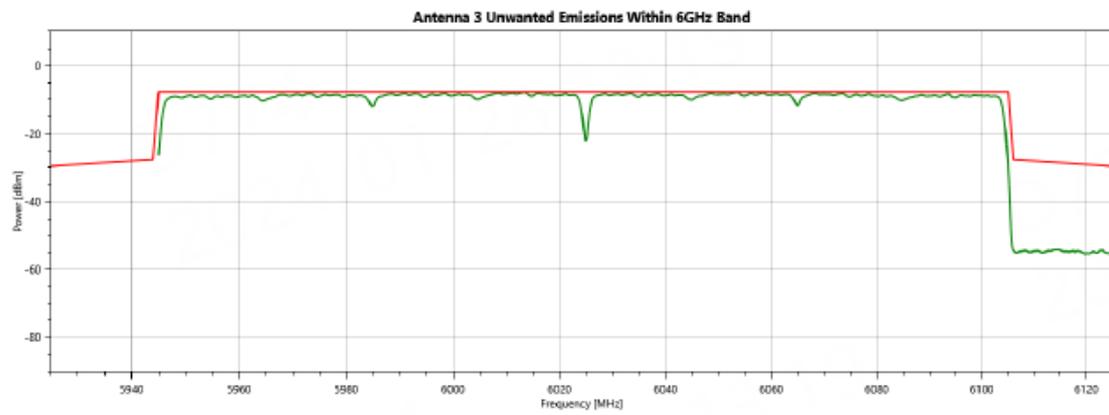
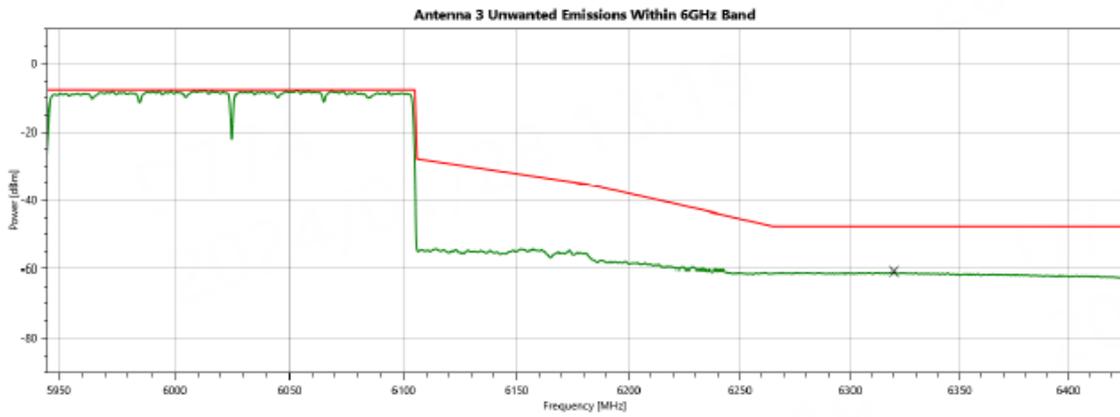
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,344.912	-62.11	-51.24	-10.87	Pass

Test Mode : IEEE 802.11be(EHT160)_6025MHz_Ant.2



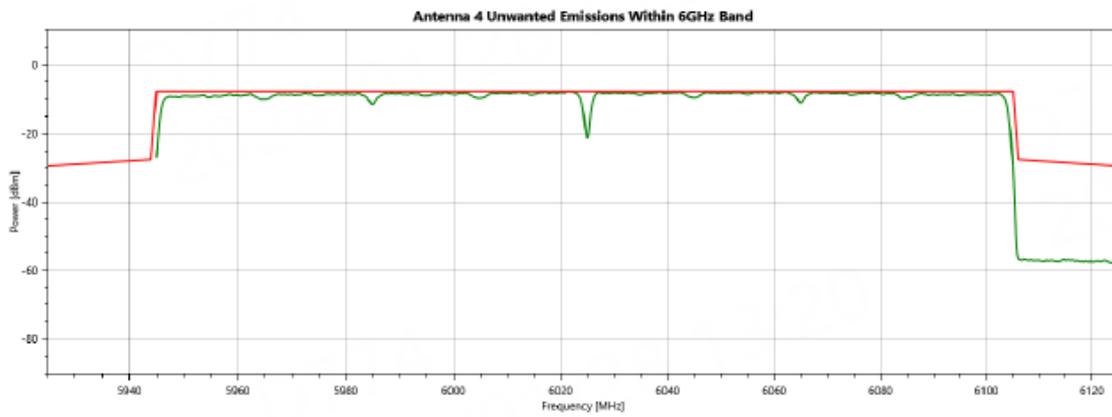
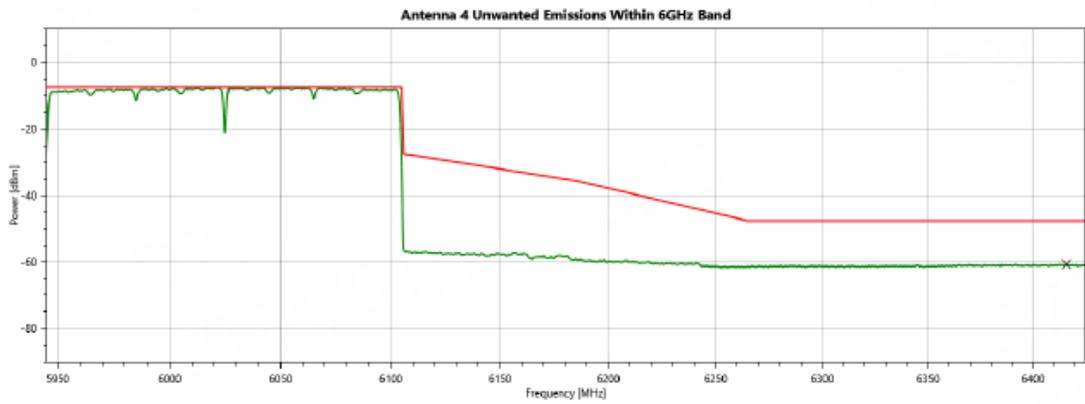
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,267.944	-61.27	-48.36	-12.91	Pass

Test Mode : IEEE 802.11be(EHT160)_6025MHz_Ant.3



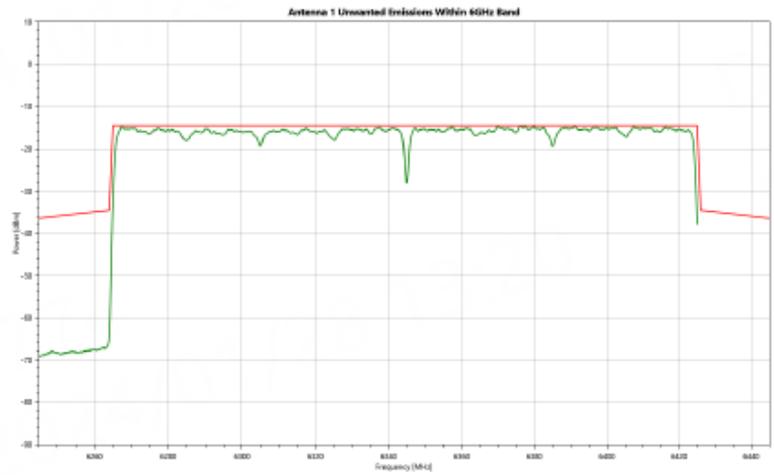
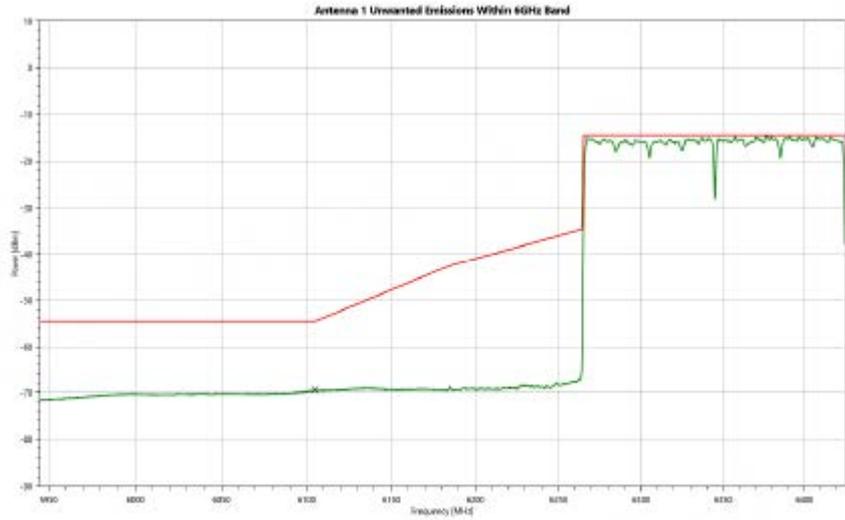
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,319.904	-60.76	-47.75	-13.01	Pass

Test Mode : IEEE 802.11be(EHT160)_6025MHz_Ant.4



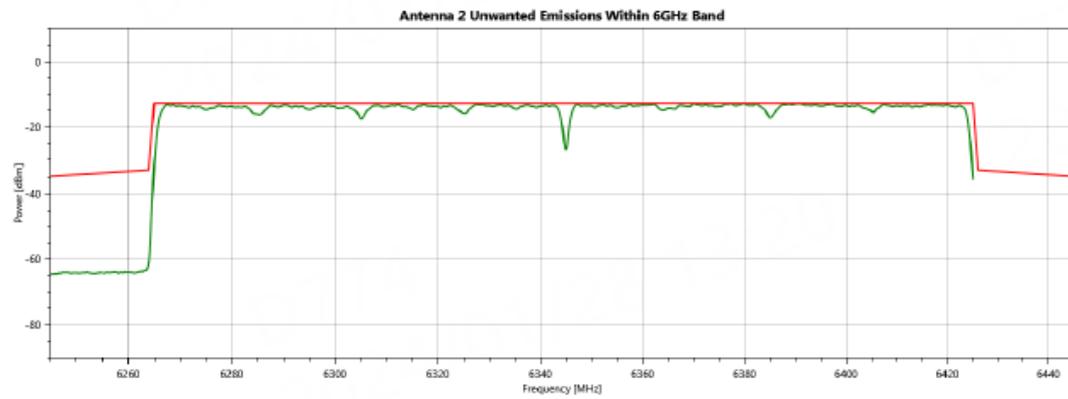
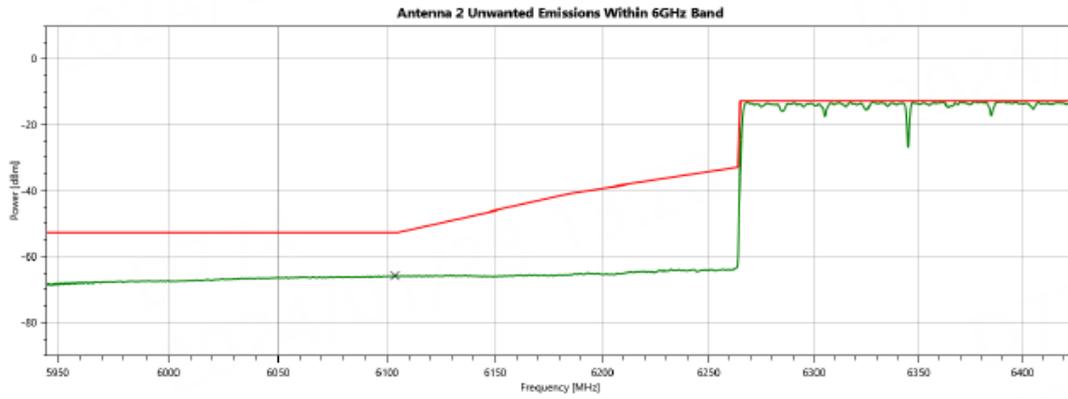
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,415.856	-60.67	-47.58	-13.09	Pass

Test Mode : IEEE 802.11be(EHT160)_6345MHz_Ant.1



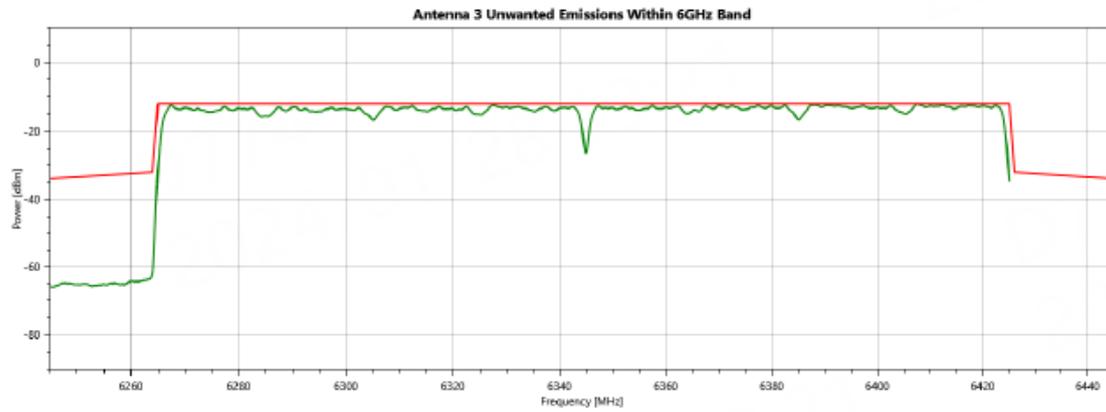
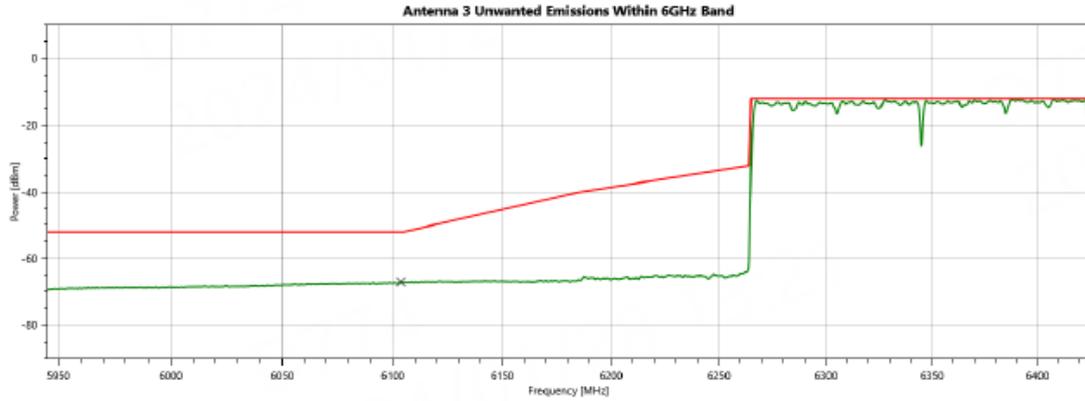
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,104.768	-69.43	-54.55	-14.88	Pass

Test Mode : IEEE 802.11be(EHT160)_6345MHz_Ant.2



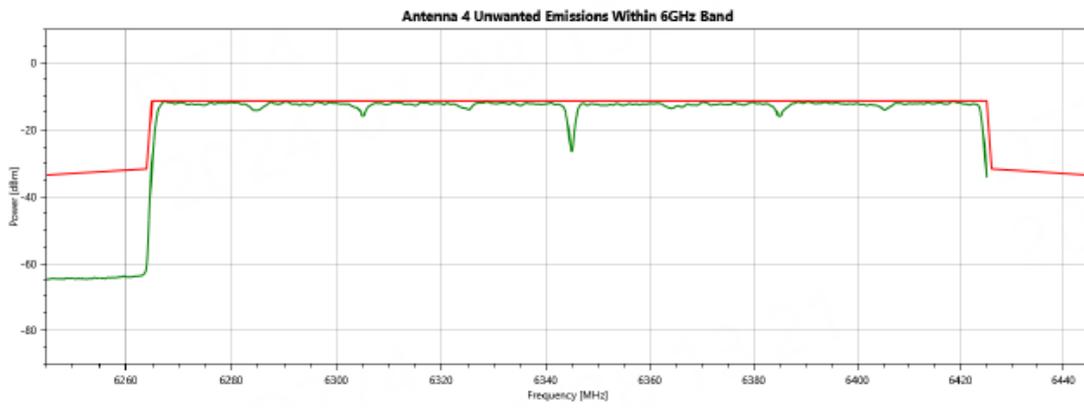
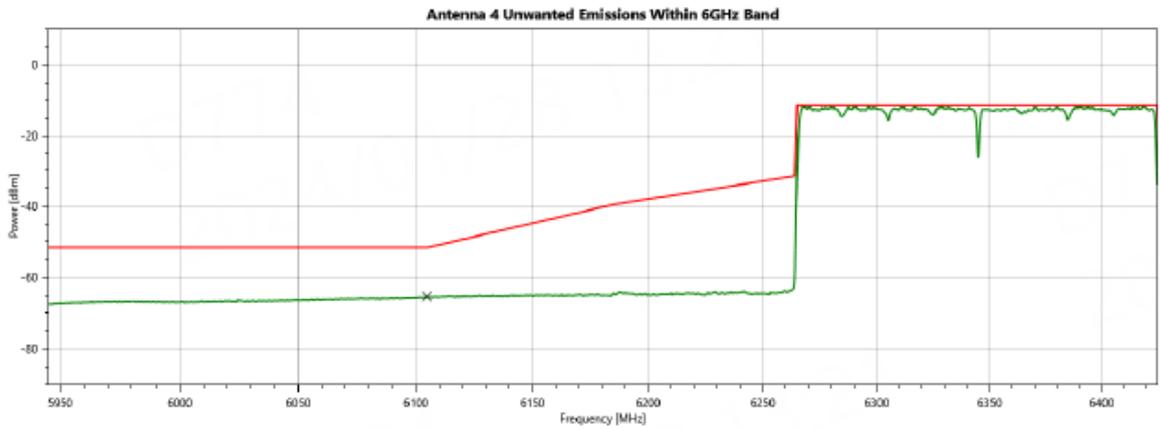
Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,103.640	-65.81	-52.80	-13.01	Pass

Test Mode : IEEE 802.11be(EHT160)_6345MHz_Ant.3



Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,103.736	-66.97	-52.04	-14.93	Pass

Test Mode : IEEE 802.11be(EHT160)_6345MHz_Ant.4



Freq (MHz)	Emission (dBm)	Limit (dBm)	OverLimit (dB)	Status
6,104.744	-65.32	-51.58	-13.74	Pass

Test Mode : IEEE 802.11be(EHT320)_6105MHz

Ant.1



Ant.2



Ant.3



Ant.4



Test Mode : IEEE 802.11be(EHT320)_6265MHz

Ant.1



Ant.2



Ant.3

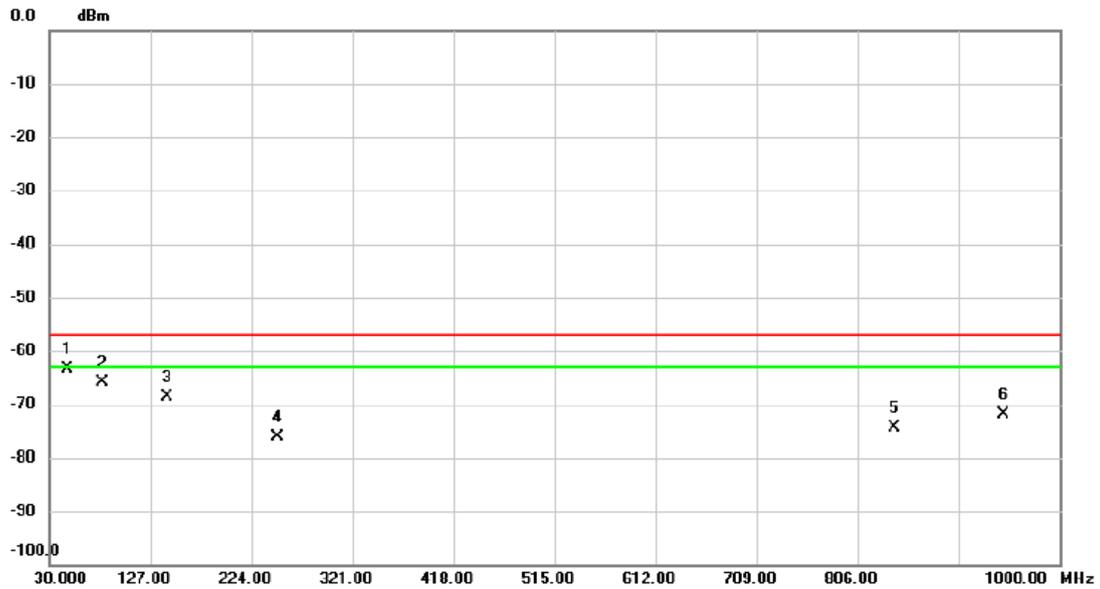


Ant.4



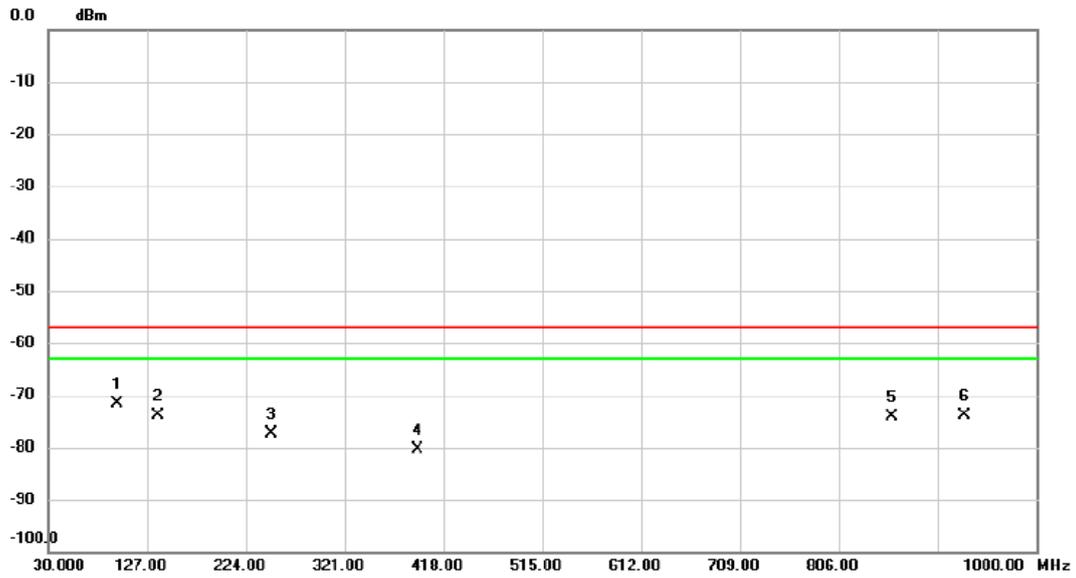
APPENDIX G - RECEIVER SPURIOUS EMISSIONS (30MHZ TO 1000MHZ)

Test Mode	RX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Vertical
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	47.4600	-61.01	-2.43	-63.44	-57.00	-6.44	RMS	
2		80.9250	-59.24	-6.52	-65.76	-57.00	-8.76	RMS	
3		143.0050	-66.75	-1.80	-68.55	-57.00	-11.55	RMS	
4		249.7050	-71.31	-4.75	-76.06	-57.00	-19.06	RMS	
5		840.9200	-80.97	6.57	-74.40	-57.00	-17.40	RMS	
6		946.1650	-80.28	8.31	-71.97	-57.00	-14.97	RMS	

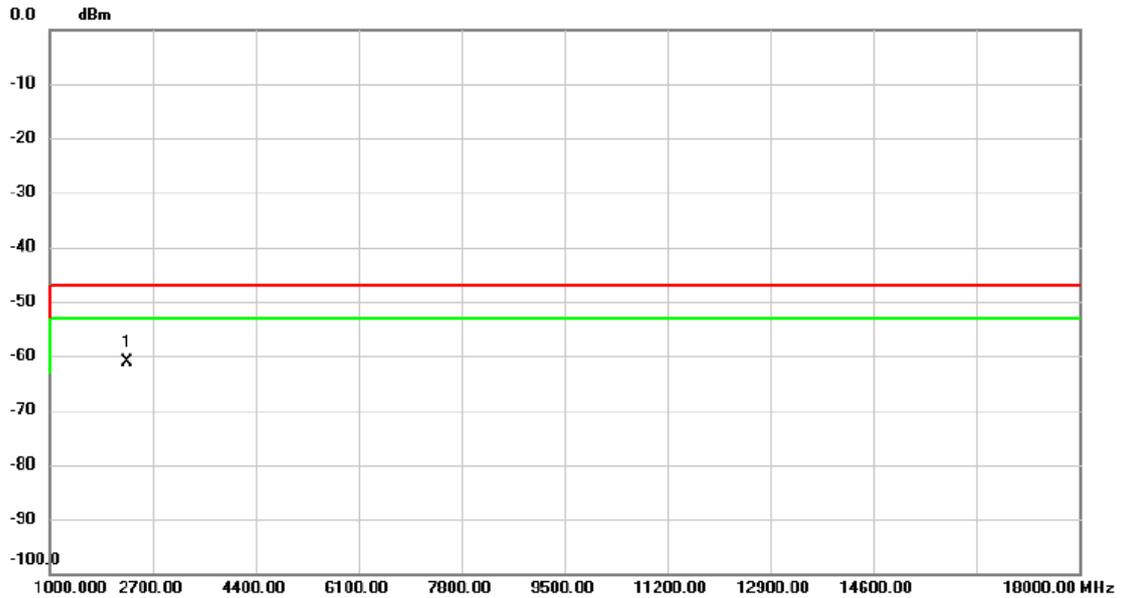
Test Mode	RX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Horizontal
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	97.9000	-64.53	-7.18	-71.71	-57.00	-14.71	RMS	
2		138.6400	-71.63	-2.30	-73.93	-57.00	-16.93	RMS	
3		249.7050	-72.79	-4.61	-77.40	-57.00	-20.40	RMS	
4		392.7800	-79.12	-1.32	-80.44	-57.00	-23.44	RMS	
5		858.8650	-80.73	6.67	-74.06	-57.00	-17.06	RMS	
6		929.1900	-81.61	7.67	-73.94	-57.00	-16.94	RMS	

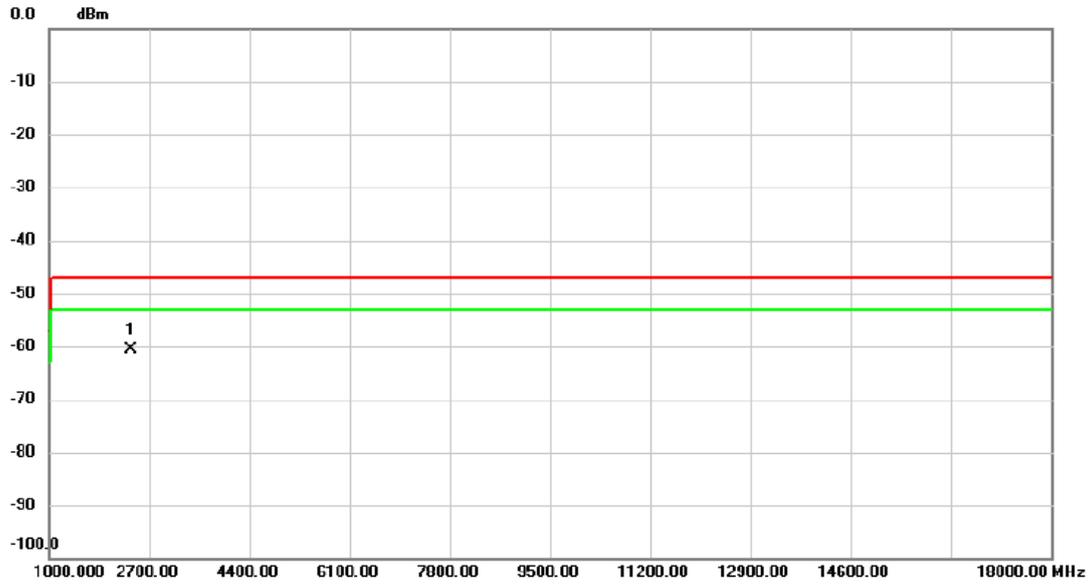
APPENDIX H - RECEIVER SPURIOUS EMISSIONS (ABOVE 1000MHZ)

Test Mode	RX Mode IEEE 802.11be(EHT40)_5965MHz	Polarization	Vertical
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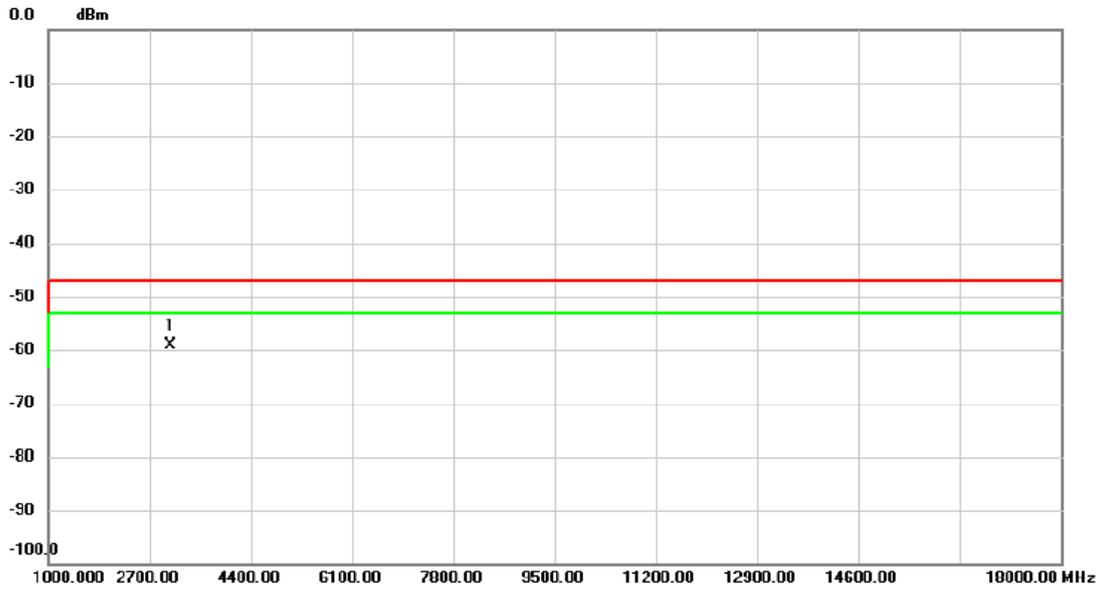
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2291.150	-67.78	6.70	-61.08	-47.00	-14.08	RMS	

Test Mode	RX Mode IEEE 802.11be(EHT40)_5965MHz	Polarization	Horizontal
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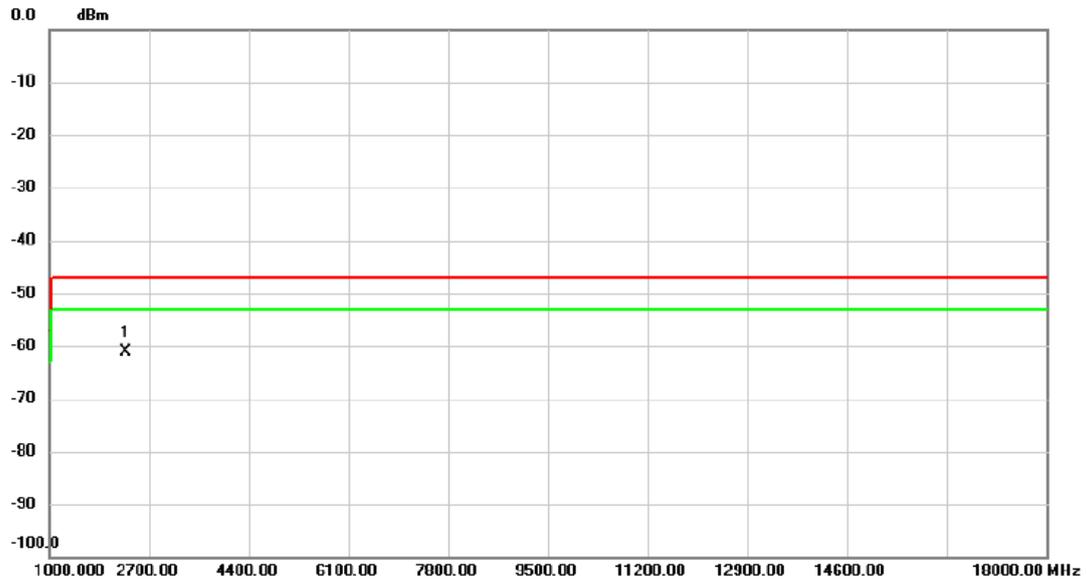
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	2401.650	-67.06	6.54	-60.52	-47.00	-13.52	RMS	

Test Mode	RX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Vertical
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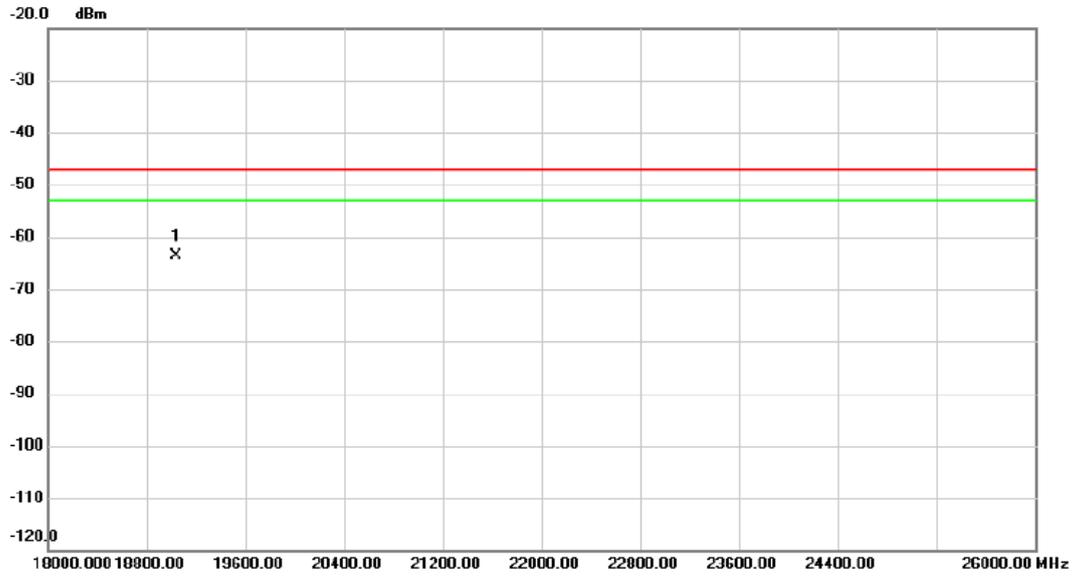
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	3062.100	-67.90	8.86	-59.04	-47.00	-12.04	RMS	

Test Mode	RX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Horizontal
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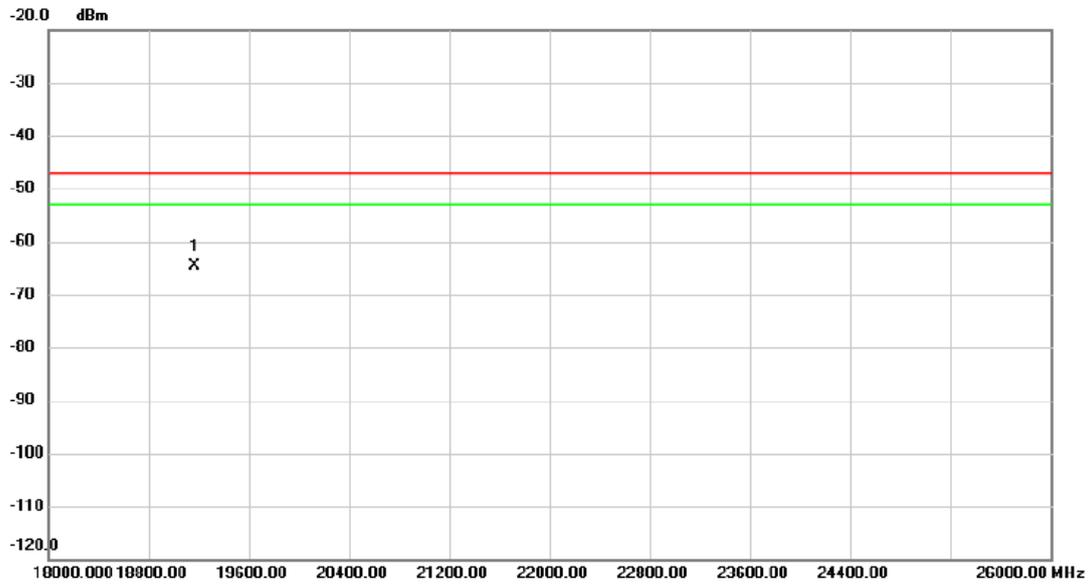
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	2309.850	-67.33	6.31	-61.02	-47.00	-14.02	RMS	

Test Mode	RX Mode IEEE 802.11be(EHT40)_5965MHz	Polarization	Vertical
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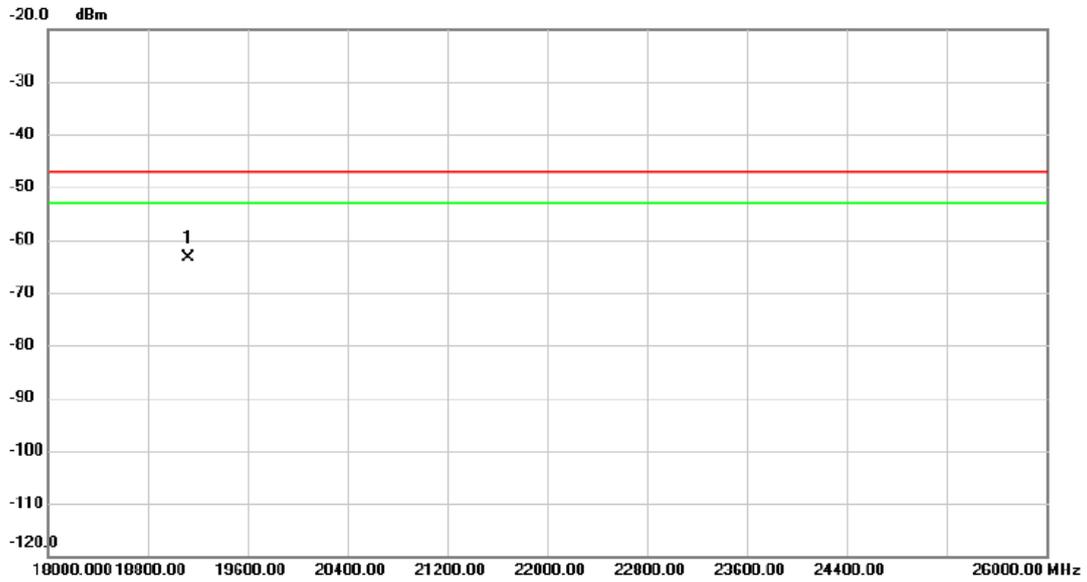
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	19036.40	-61.27	-2.31	-63.58	-47.00	-16.58	RMS	

Test Mode	RX Mode IEEE 802.11be(EHT40)_5965MHz	Polarization	Horizontal
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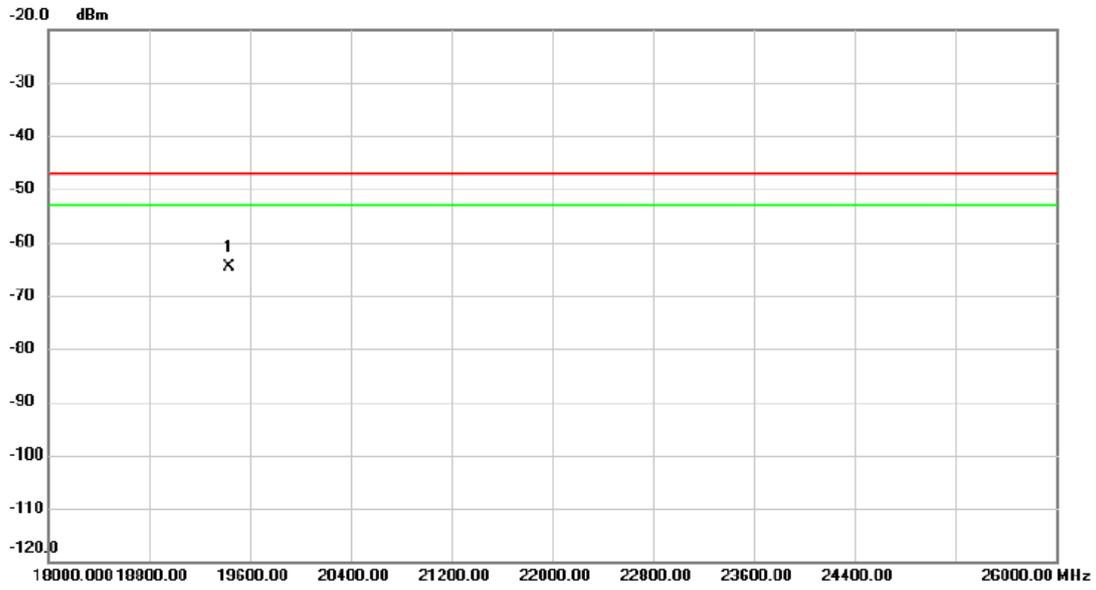
No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	19166.80	-62.04	-2.64	-64.68	-47.00	-17.68	RMS	

Test Mode	RX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Vertical
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No. Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1 *	19122.00	-61.34	-2.15	-63.49	-47.00	-16.49	RMS	

Test Mode	RX Mode IEEE 802.11be(EHT40)_6405MHz	Polarization	Horizontal
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No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Margin dB	Detector	Comment
1	*	19430.40	-62.43	-2.25	-64.68	-47.00	-17.68	RMS	

APPENDIX I - CHANNEL ACCESS MECHANISM

Test Mode:	TX Mode_ IEEE 802.11ax(HE20)_5955MHz
	TX Mode_ IEEE 802.11ax(HE40)_5965MHz

Channel Occupancy Time and Priority Class Measured Results		
Freq.(MHz)	Channel Occupancy Time (ms)	Priority Class
5955	0.499	2
5965	0.467	2

Channel access mechanism Results				
Detection Threshold Level			-84dBm/MHz	
Interference Signal	Freq.(MHz)		Short Control Signalling Transmissions (ms)	Number of Short Control Signalling Transmissions
AWGN	AX20	5955	0	0
OFDM1		5955	0	0
OFDM2		5955	0	0
AWGN	AX40	5955	0	0
		5975	0	0
Limit			2.5	≤ 50
Result			Pass	

Note:

1. A channel is an occupied channel as long as transmissions in that channel are present at a power level greater than the ED Threshold (EDT). The power level is determined by integrating the received power over the channel, and then normalized to per MHz power. The received power shall be measured at the interface between the equipment and the antenna assembly. If no transmissions are present at a power level greater than the EDT, the channel is an unoccupied channel. The EDT is proportional to the equipment's maximum configured transmit power (P_{max}):

For $P_{max} \leq 14$ dBm: EDT = -75 dBm/MHz

For 14 dBm < $P_{max} \leq 24$ dBm: EDT = -85 dBm/MHz+(24 dBm - P_{max})

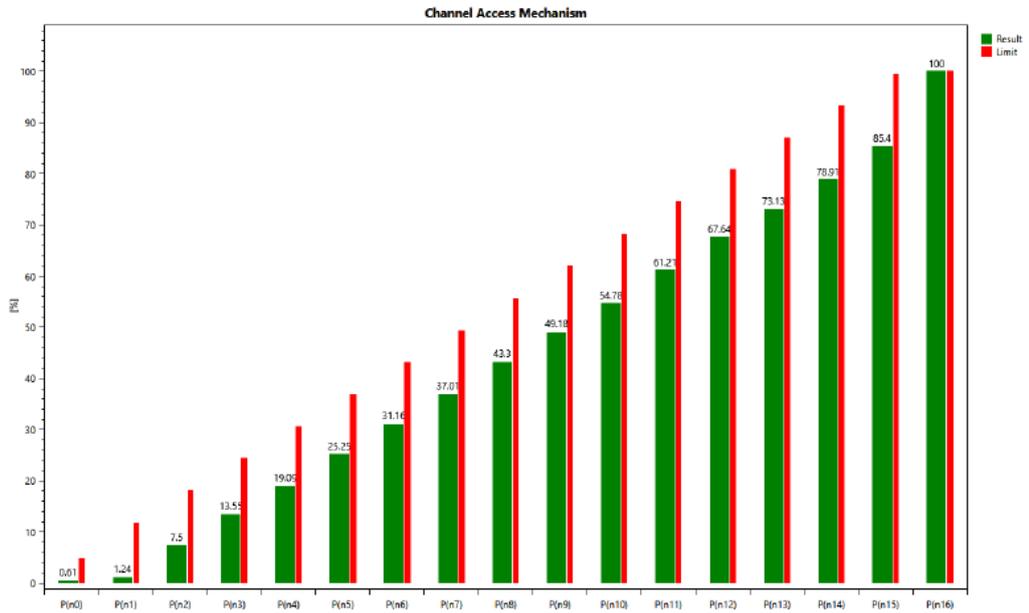
For $P_{max} \geq 24$ dBm: EDT = -85 dBm/MHz

2. Short Control Signalling Transmissions = 50 (ms) * Duty cycle (%)

Single Channel device test results

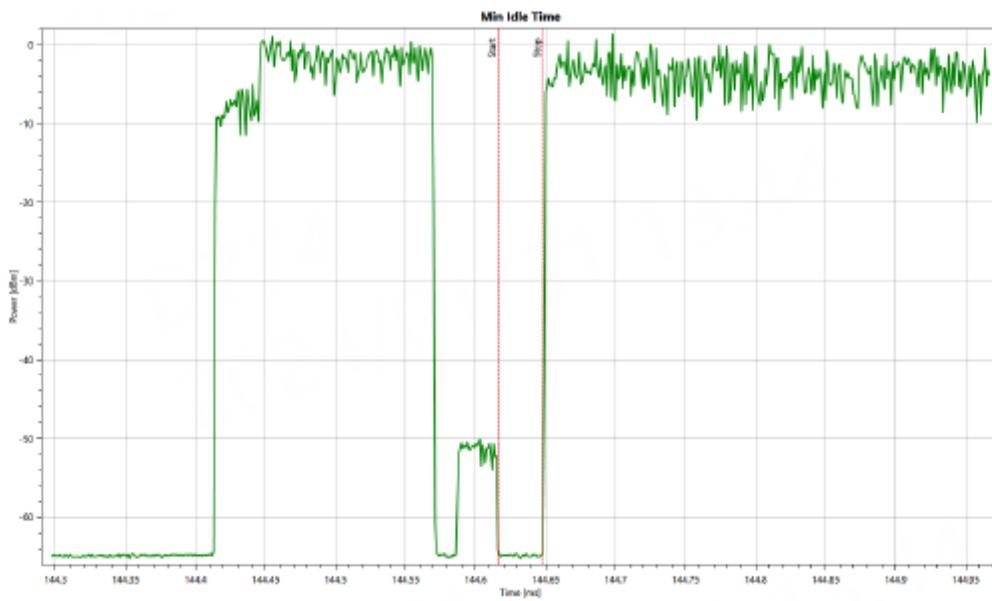
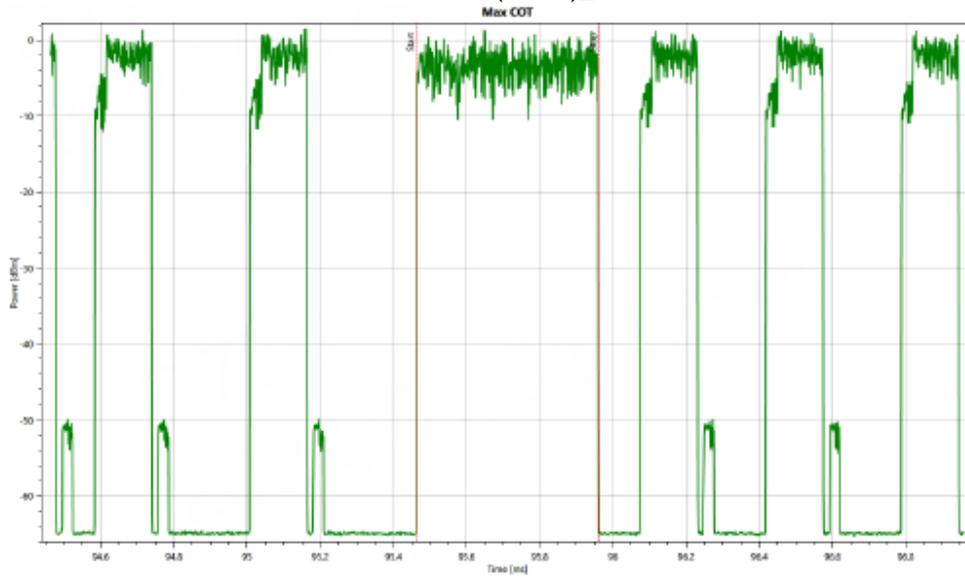
IEEE 802.11ax(HE20)_5955MHz

Priority Class 2

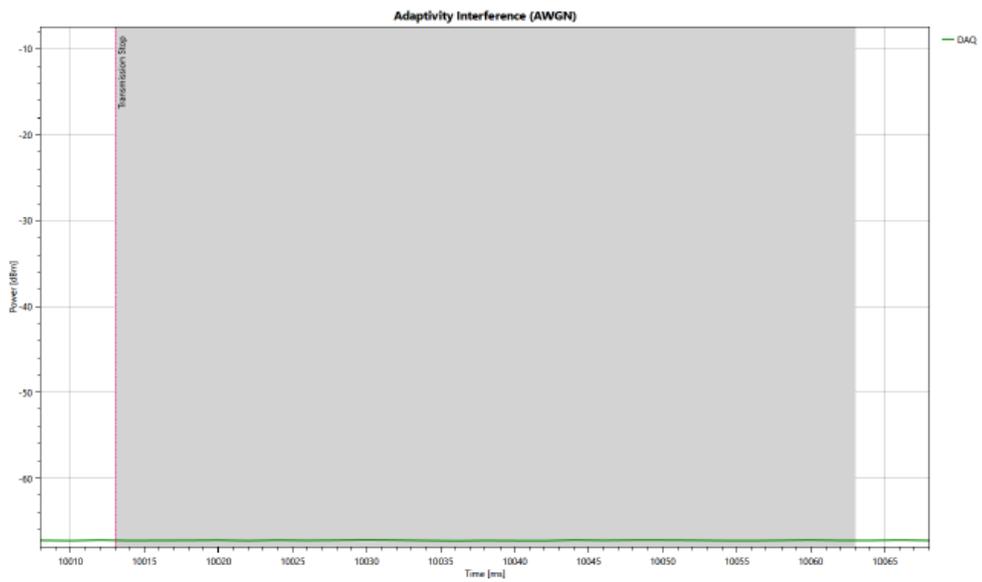
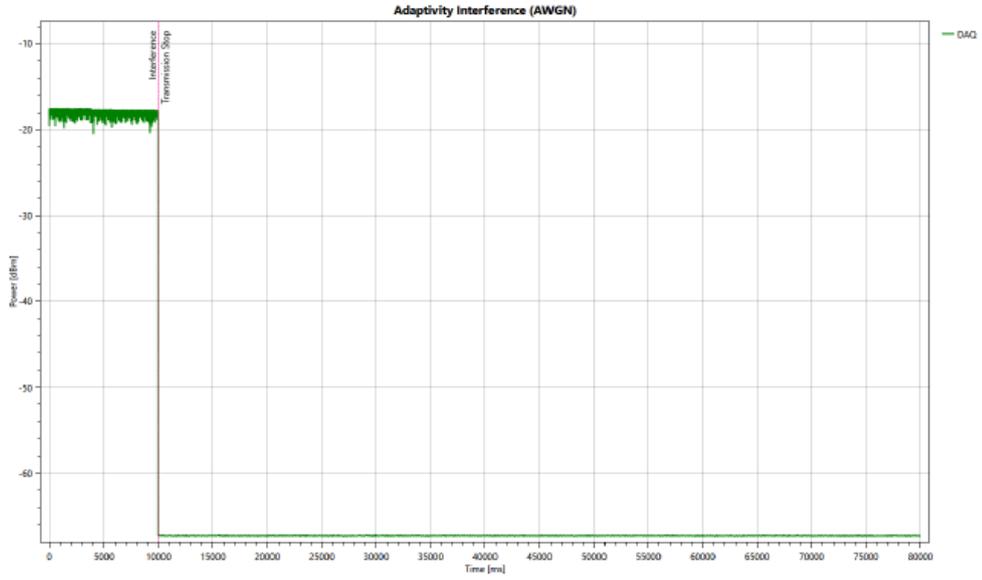


n	Result(%)	Limit(%)	P(n)	Status	B(n)
0	0.61	5.00	61	Pass	61
1	1.24	12.00	125	Pass	64
2	7.50	18.25	756	Pass	631
3	13.55	24.50	1366	Pass	610
4	19.09	30.75	1925	Pass	559
5	25.25	37.00	2546	Pass	621
6	31.16	43.25	3142	Pass	596
7	37.01	49.50	3731	Pass	589
8	43.30	55.75	4366	Pass	635
9	49.18	62.00	4958	Pass	592
10	54.78	68.25	5523	Pass	565
11	61.21	74.50	6171	Pass	648
12	67.64	80.75	6819	Pass	648
13	73.13	87.00	7373	Pass	554
14	78.91	93.25	7956	Pass	583
15	85.40	99.50	8610	Pass	654
16	100.00	100.00	10082	Pass	1472

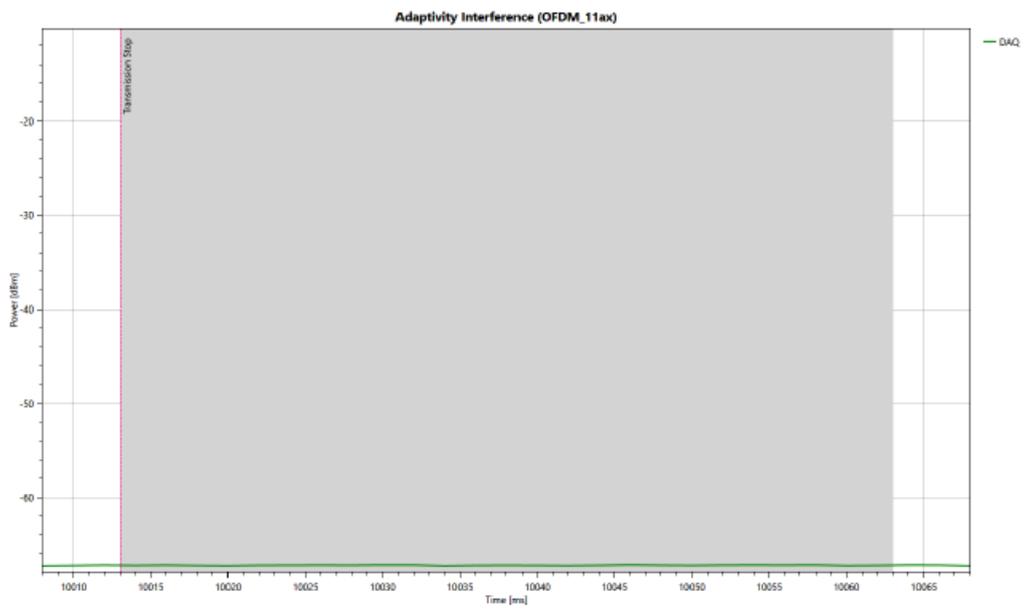
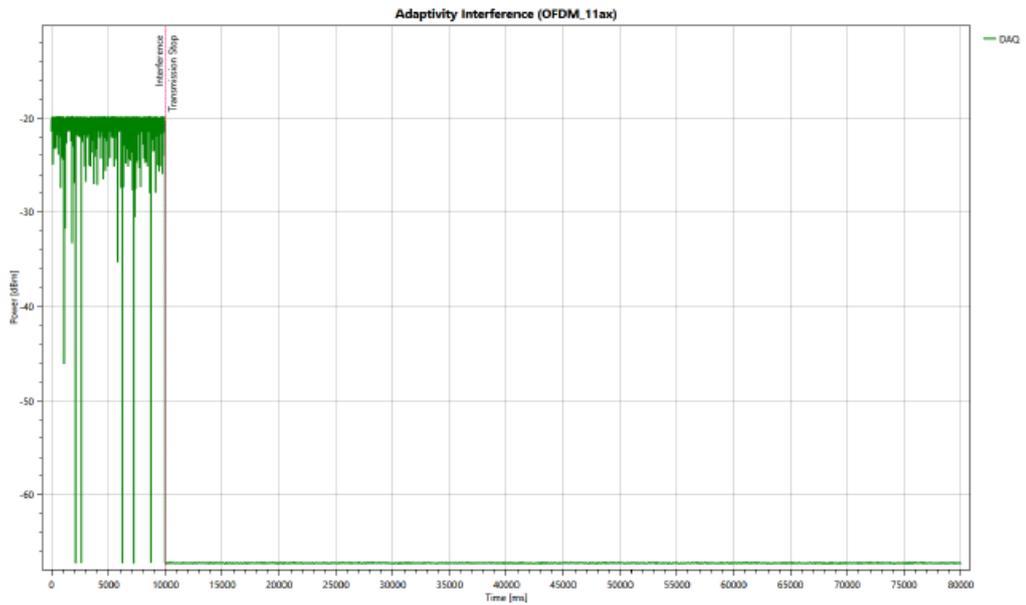
IEEE 802.11ax(HE20)_5955MHz



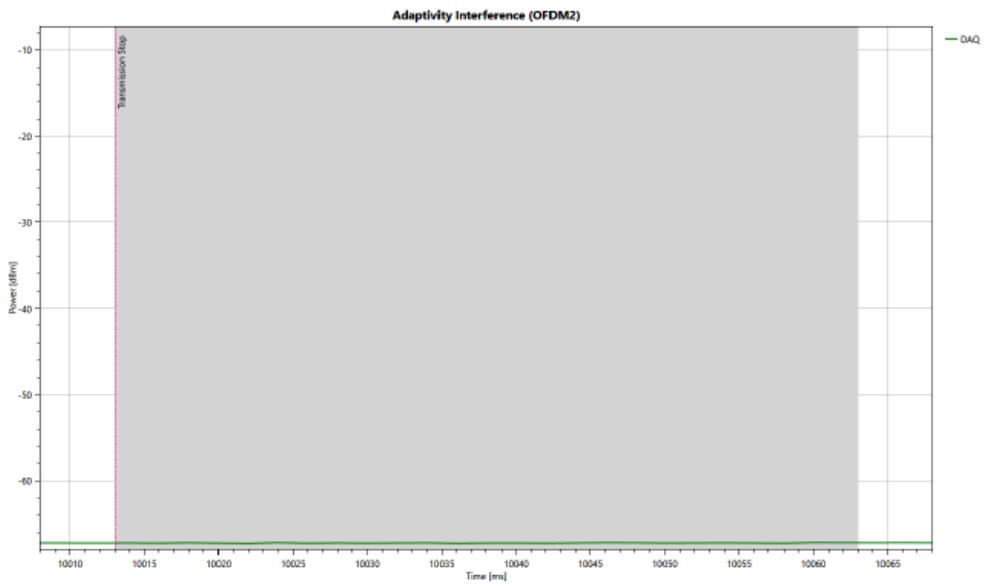
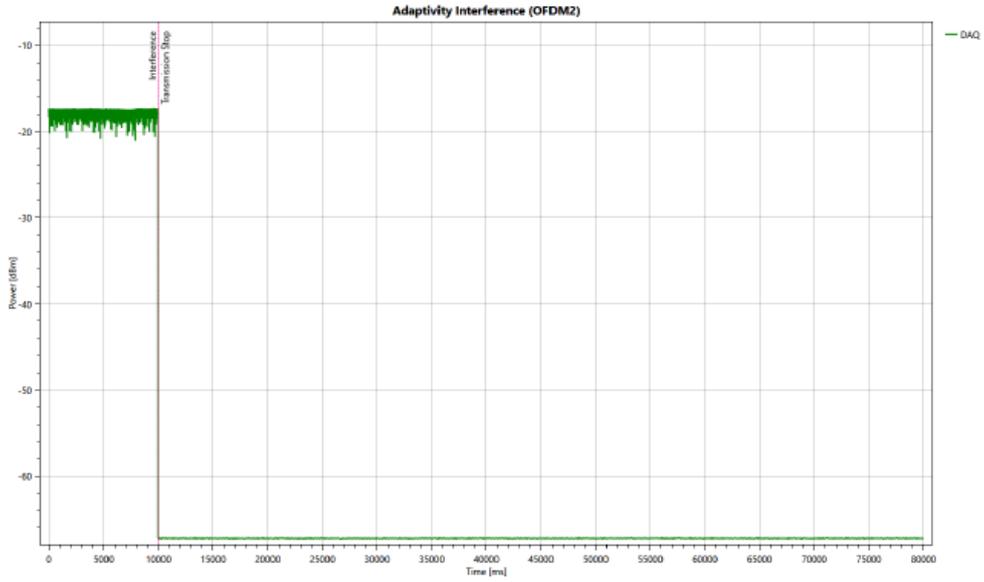
**IEEE 802.11ax(HE20)_5955MHz
Interference Signal(AWGN)**



IEEE 802.11ax(HE20)_5955MHz Interference Signal(OFDM1)



IEEE 802.11ax(HE20)_5955MHz Interference Signal(OFDM2)



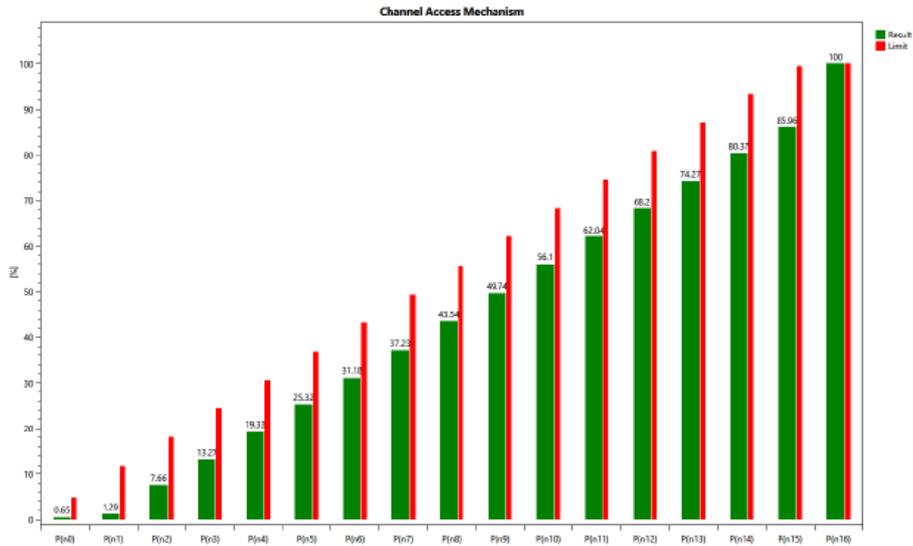
Multi-Channel device test results

Option 1:

The UUT shall be configured to operate on a set of at least two and at most on six adjacent 20 MHz Operating Channels. Data traffic is started and then an interfering signal is injected into the EUT at 5965 MHz.

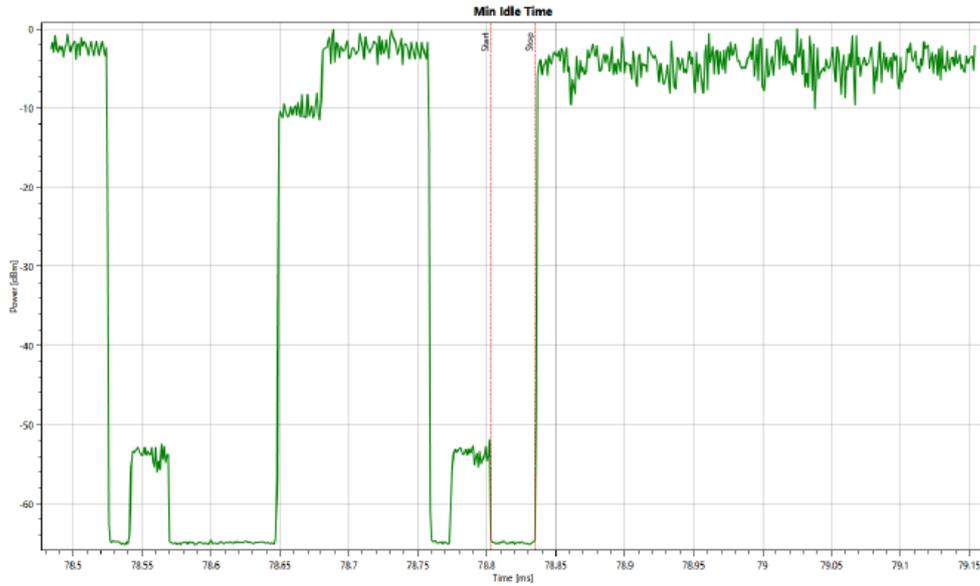
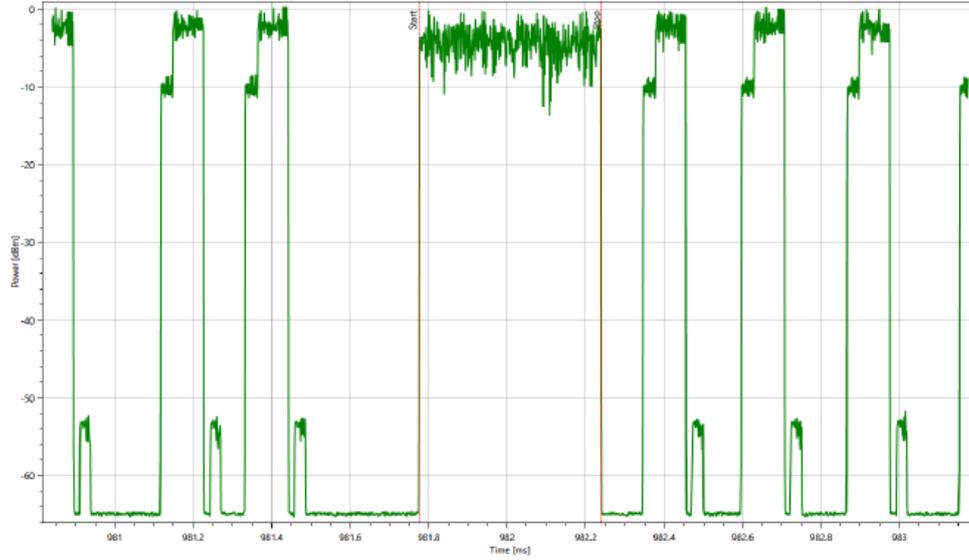
IEEE 802.11ax(HE40)_5965MHz

Priority Class 2

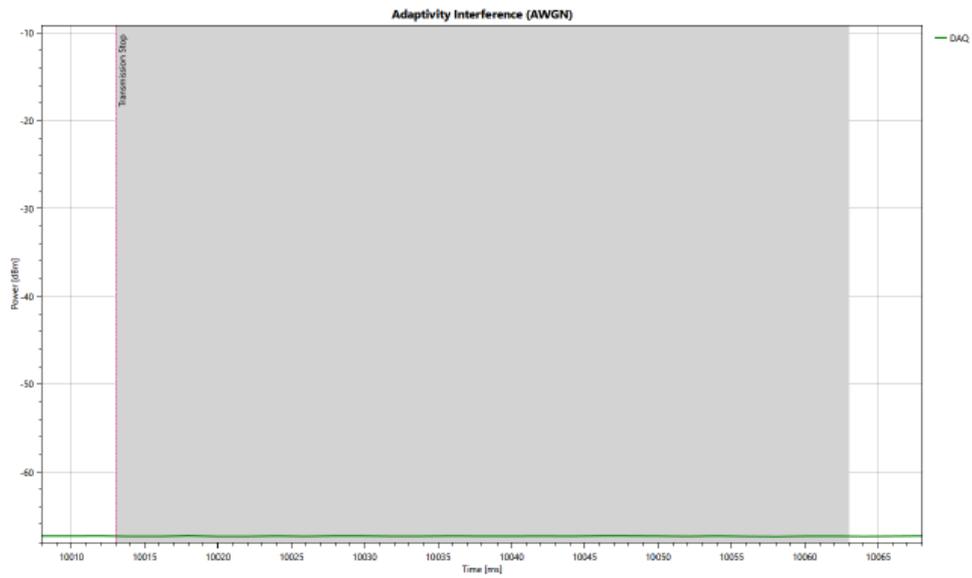
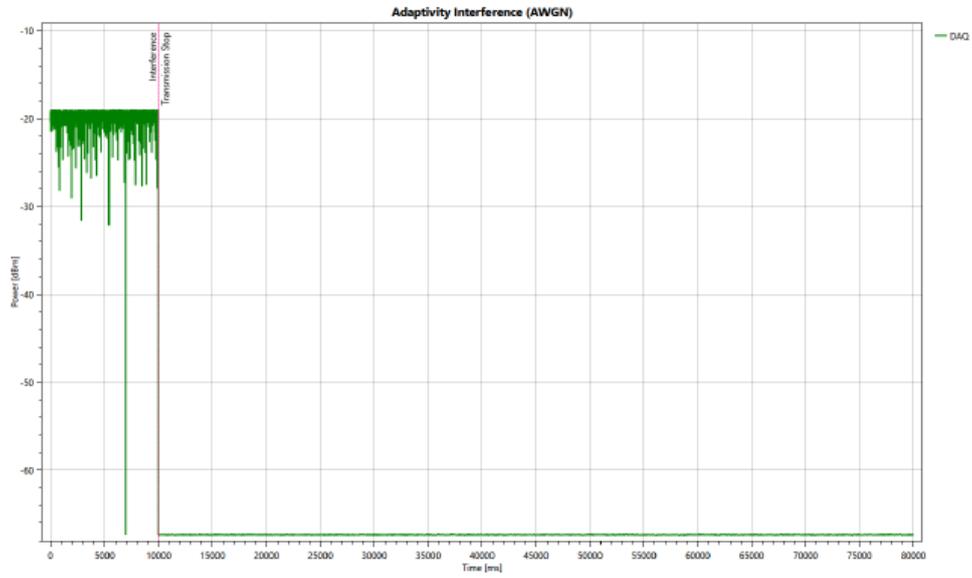


n	Result(%)	Limit(%)	P(n)	Status	B(n)
0	0.65	5.00	67	Pass	67
1	1.29	12.00	133	Pass	66
2	7.66	18.25	792	Pass	659
3	13.27	24.50	1372	Pass	580
4	19.33	30.75	1999	Pass	627
5	25.32	37.00	2618	Pass	619
6	31.18	43.25	3224	Pass	606
7	37.23	49.50	3849	Pass	625
8	43.54	55.75	4502	Pass	653
9	49.74	62.00	5143	Pass	641
10	56.10	68.25	5800	Pass	657
11	62.04	74.50	6414	Pass	614
12	68.20	80.75	7051	Pass	637
13	74.27	87.00	7679	Pass	628
14	80.37	93.25	8309	Pass	630
15	85.96	99.50	8887	Pass	578
16	100.00	100.00	10339	Pass	1452

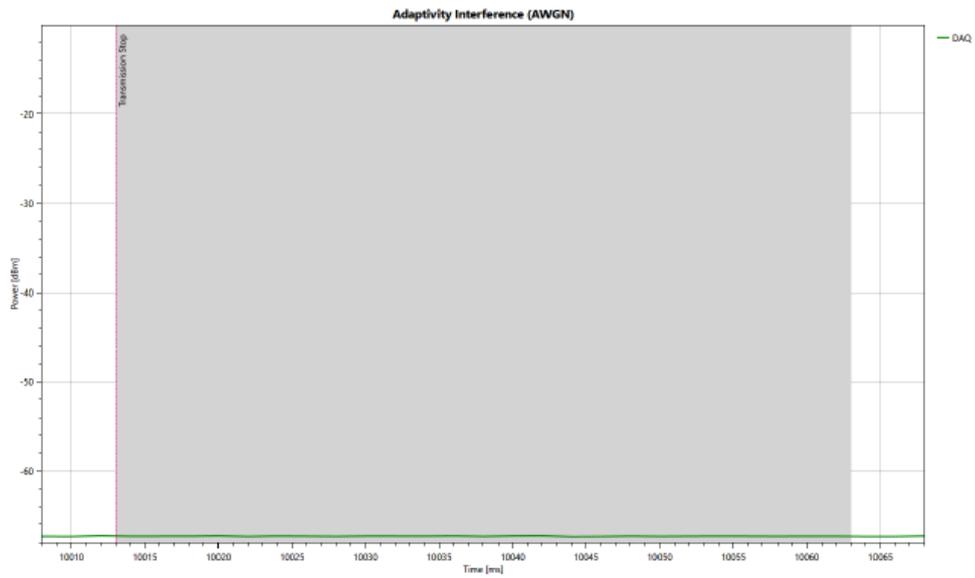
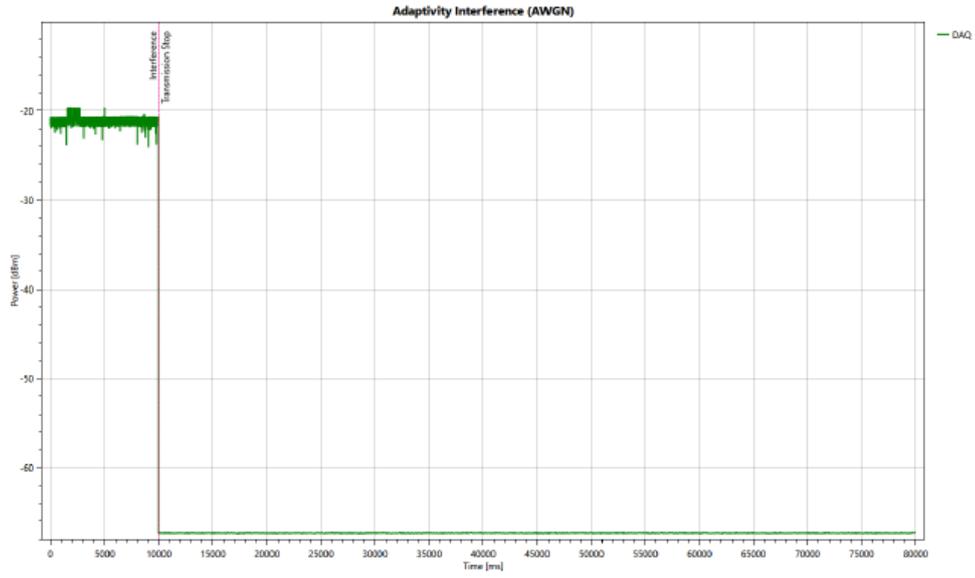
IEEE 802.11ax(HE40)_5965MHz



**IEEE 802.11ax(HE40)_5965MHz
Interference Signal(AWGN)**



**IEEE 802.11ax(HE40)_5965MHz
Interference Signal(AWGN)**



APPENDIX J - RECEIVER BLOCKING

Receiver Blocking Result						
P _{min} (dBm)	-52					
Modulation Mode	Operation Freq. (MHz)	Wanted Signal Mean Power from Companion Device (dBm) P _{min} + 6 dB	Blocking Signal Freq. (MHz)	Receiver Blocking Power (dBm)	PER (%)	Blocking Signal Level at which the Performance Criteria is no longer met(dBm) (See Note)
IEEE 802.11ax(HE20) 2402 Mbps	5955	-46	6475	-53	0.00	-24
			6575	-47	0.60	-26
			6675	-47	0.00	-25
Limit	PER(Packet Error Rate) ≤ 10%					N/A
Result	Pass					Record Only

Receiver Blocking Result						
P _{min} (dBm)	-57					
Modulation Mode	Operation Freq. (MHz)	Wanted Signal Mean Power from Companion Device (dBm) P _{min} + 6 dB	Blocking Signal Freq. (MHz)	Receiver Blocking Power (dBm)	PER (%)	Blocking Signal Level at which the Performance Criteria is no longer met(dBm) (See Note)
IEEE 802.11ax(HE20) 2402 Mbps	6415	-51	6475	-53	0.40	-26
			6575	-47	0.00	-24
			6675	-47	1.00	-25
Limit	PER(Packet Error Rate) ≤ 10%					N/A
Result	Pass					Record Only

Note:

The performance criteria had been met, the level of the blocking signal at the UUT were further increased in steps of 1 dB until the level whereby the performance criteria were no longer met.

APPENDIX K - RECEIVER SELECTIVITY

Receiver Selectivity Result						
P _{min} (dBm)	-92					
Modulation Mode	Operation Freq. (MHz)	Wanted Signal Mean Power from Companion Device (dBm) P _{min} + 10 dB	Interferer Signal Freq. (MHz)	Interferer Signal Power (dBm)	PER (%)	Interferer Signal Level at which the Performance Criteria is no longer met(dBm) (See Note)
IEEE 802.11ax(HE20) 2402 Mbps	5995	-82	5955	-60	0.00	-33
			5975	-66	0.00	-31
			6015	-66	0.10	-32
			6035	-60	0.00	-36
Limit	PER(Packet Error Rate) ≤ 10%					N/A
Result	Pass					Record Only

Receiver Selectivity Result						
P_{min} (dBm)	-89					
Modulation Mode	Operation Freq. (MHz)	Wanted Signal Mean Power from Companion Device (dBm) $P_{min} + 10$ dB	Interferer Signal Freq. (MHz)	Interferer Signal Power (dBm)	PER (%)	Interferer Signal Level at which the Performance Criteria is no longer met(dBm) (See Note)
IEEE 802.11ax(HE20) 2402 Mbps	6375	-79	6335	-57	0.00	-34
			6355	-63	0.20	-33
			6395	-63	0.00	-31
			6415	-57	0.00	-34
Limit	PER(Packet Error Rate) \leq 10%					N/A
Result	Pass					Record Only

Note:

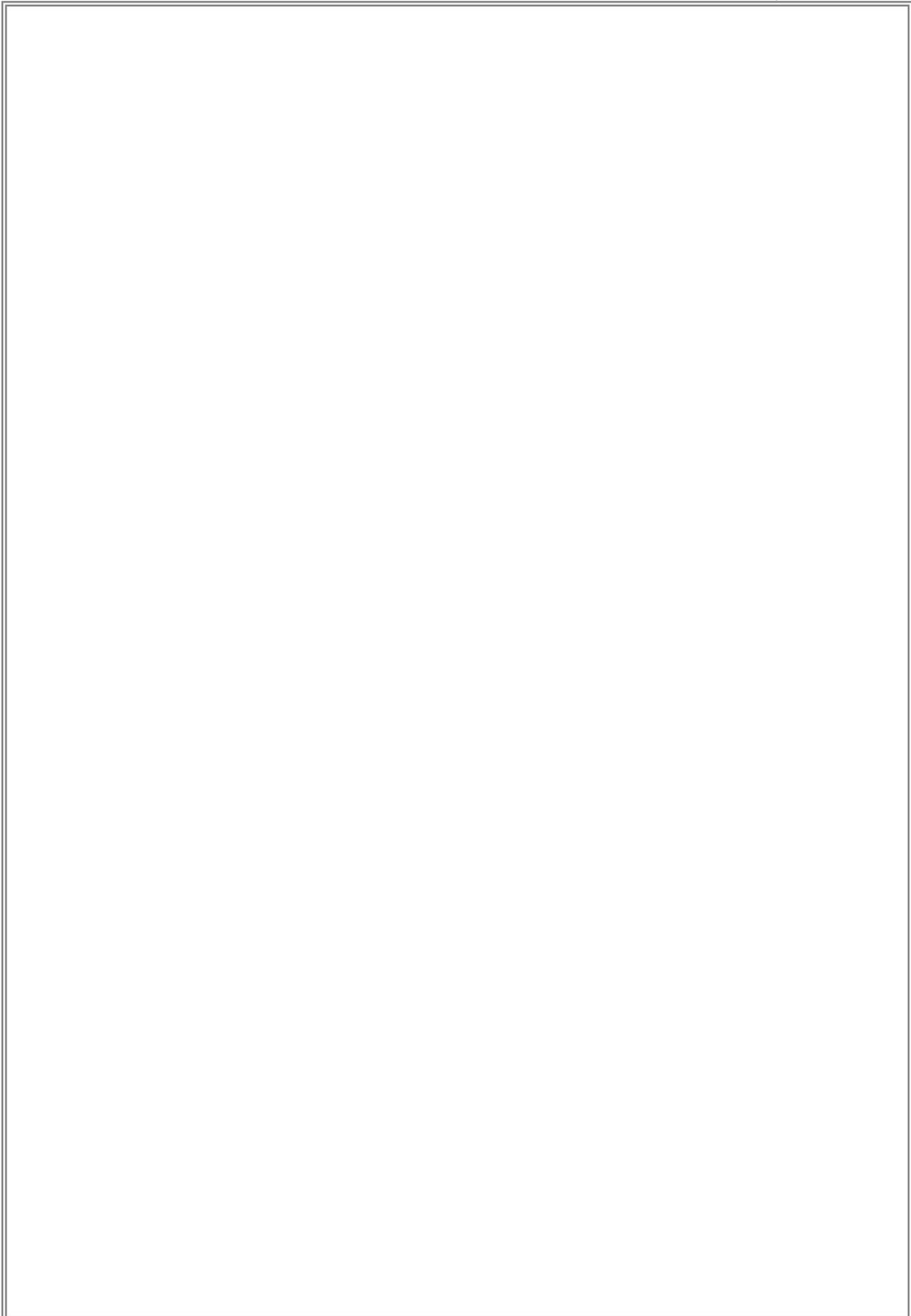
The performance criteria had been met, the level of the interference source at the UUT were further increased in steps of 1 dB until the level whereby the performance criteria were no longer met.

APPENDIX L - VLP NB USAGE WITH A PSD ABOVE 1 DBM/MHZ

Test Mode: N/A

Note: "N/A" denotes test is not applicable to this device.

APPENDIX M - PHOTOGRAPHS OF EUT



End of Test Report