

RF TEST REPORT

For

Home Gateway

Model Number: ZXHN H6701, ZXHN H3701

Report Number : WT258500288

Test Laboratory : Shenzhen Academy of Metrology and Quality Inspection

Site Location : No.4, Tongfa Road, Xili Street, Nanshan District,
Shenzhen, Guangdong, China

Tel : 0086-755-86928965

Fax : 0086-755-86009898-31396

Web : www.smq.com.cn

E-mail : emcrf@smq.com.cn

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Revision History

No	Date	Remark
V1.0	2025.04.15	Initial issue

Test report declaration

Applicant : ZTE Corporation
Address : ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, P.R.China
Manufacturer : ZTE Corporation
Address : ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, P.R.China
EUT Description : Home Gateway
Model No. : ZXHN H6701, ZXHN H3701
Trade mark : ZTE

Test Standards:

EN 300 328 V2.2.2 (2019-07)

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory to determine the maximum emissions from the EUT and ensure the EUT to be compliance with the immunity requirements of the EUT. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results, unless they depend on the manufacturer information.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Project Engineer: 陈司林 Date: Apr. 15, 2025
(Chen Silin 陈司林)

Checked by: 万晓婧 Date: Apr. 15, 2025
(Wan Xiaojing 万晓婧)

Approved by: 林斌 Date: Apr. 15, 2025
(Lin Bin 林斌)

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1. TEST RESULTS SUMMARY

Table 1 Test Results Summary

Test Items	Test Results
RF Output Power	Pass
Power Spectral Density	Pass
Accumulated Transmit Time, Frequency Occupation & Hopping Sequence	N/A
Hopping Frequency Separation	N/A
Duty cycle, Tx-Sequence, Tx-gap	N/A ²
Medium Utilisation (MU) factor	N/A ³
Adaptivity	Pass
Occupied Channel Bandwidth	Pass
Transmitter unwanted emissions in the out-of-band domain	Pass
Spurious emissions	Pass
Receiver Blocking	Pass
Geo-location capability	N/A ⁴

Remark: "N/A" means "Not applicable."

1. The manufacturer declared that the EUT can operate in adaptive mode only and non-adaptive mode is not supported.
2. Duty cycle, Tx-Sequence, Tx-gap apply to non-adaptive frequency hopping equipment or to adaptive frequency hopping equipment operating in a non-adaptive mode, The EUT do NOT support Bluetooth function and this test is not applicable.
3. Medium Utilisation (MU) factor does not apply to adaptive equipment unless operating in a non-adaptive mode, The EUT is an adaptive equipment and this test is not applicable.
4. The EUT does NOT support Geo-location capability.

2. GENERAL INFORMATION

2.1. Report information

This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.

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2.2. Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at NETC Building, No.4 Tongfa Rd., Xili, Nanshan, Shenzhen, China. At the time of testing, Laboratory is accredited by the following organizations:

China National Accreditation Service for Conformity Assessment (CNAS) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is CNAS L0579.

The Laboratory is Accredited Testing Laboratory of FCC with Designation number CN1165 and Site registration number 582918.

The Laboratory is registered to perform emission tests with Innovation, Science and Economic Development (ISED), and the registration number is 11177A.

The Laboratory is registered to perform emission tests with VCCI, and the registration number are C-20048, G20076, R-20077, R-20078, and T-20047.

The Laboratory is Accredited Testing Laboratory of American Association for Laboratory Accreditation (A2LA) and certificate number is 3292.01.

2.3. Measurement Uncertainty

Table 2 Measurement Uncertainty

Test Items	Measurement Uncertainty
RF Output Power	0.349 dB
Power timing	< 500ns
Power Spectral Density	0.372 dB
Occupied Channel Bandwidth	0.224 MHz
Transmitter unwanted emissions, conducted	1.39 dB
Radiated spurious emissions, valid between 30 MHz and 1 GHz	±4.8 dB
Radiated spurious emissions, valid between 1 GHz and 12.75 GHz	±4.4 dB
Temperature	±0.698°C

3. PRODUCT DESCRIPTION

NOTE: The extreme test conditions for temperature and antenna gain were declared by the manufacturer.

3.1.EUT Description

Description	:	Home Gateway
Manufacturer	:	ZTE Corporation
Model Number	:	ZXHN H6701, ZXHN H3701
Operate Frequency	:	802.11b/g/n HT20/ax HE20/ be EHT20: 2.412 GHz~2.472 GHz 802.11n HT40/ ax HE40/ be EHT20: 2422G Hz~2.462 GHz
Nominal Channel Bandwidth(s):	:	20MHz, 40MHz
Antenna Designation	:	Dipole
Modulation	:	DSSS (DBPSK, DQPSK, CCK) for 802.11b OFDM (BPSK, QPSK, 16QAM, 64QAM) for 802.11g/n OFDM/ OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM) for 802.11ax OFDM/ OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM) for 802.11be
Antenna Gain	:	Ant1: 3.0 dBi Ant2: 3.0 dBi Max Beamforming gain: 2.0 dBi
Number Of Transmission Chain	:	2
Max. RF Output Power (EIRP)	:	19.99 dBm
Adaptive/ Non-adaptive	:	<input type="checkbox"/> non-adaptive Equipment <input checked="" type="checkbox"/> adaptive Equipment without the possibility to switch to a non-adaptive mode <input type="checkbox"/> adaptive Equipment which can also operate in a non-adaptive mode
The equipment has implemented an LBT based DAA mechanism	:	<input type="checkbox"/> The equipment is Frame Based equipment <input checked="" type="checkbox"/> The equipment is Load Based equipment <input type="checkbox"/> The equipment can switch dynamically between Frame Based and Load Based equipment
Type of Equipment	:	<input checked="" type="checkbox"/> Stand-alone equipment <input type="checkbox"/> Combined equipment <input type="checkbox"/> Plug-in radio device

Remark: ZXHN H3701 compared with ZXHN H6701, only have different model number and the replacement of a 2.5GE Ethernet port with a GE Ethernet port. All of the models' circuit theory, electrical design and the critical components are the same. Unless otherwise specified, ZXHN H6701 was selected as representative model to perform all the tests.

WLAN:

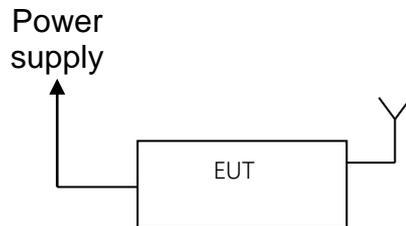
Table 3 Working Frequency List (Nominal Channel Bandwidth: 20MHz)

Channel	Center Frequency(MHz)	Channel	Center Frequency(MHz)
1	2412	8	2447
2	2417	9	2452
3	2422	10	2457
4	2427	11	2462
5	2432	12	2467
6	2437	13	2472
7	2442	---	---

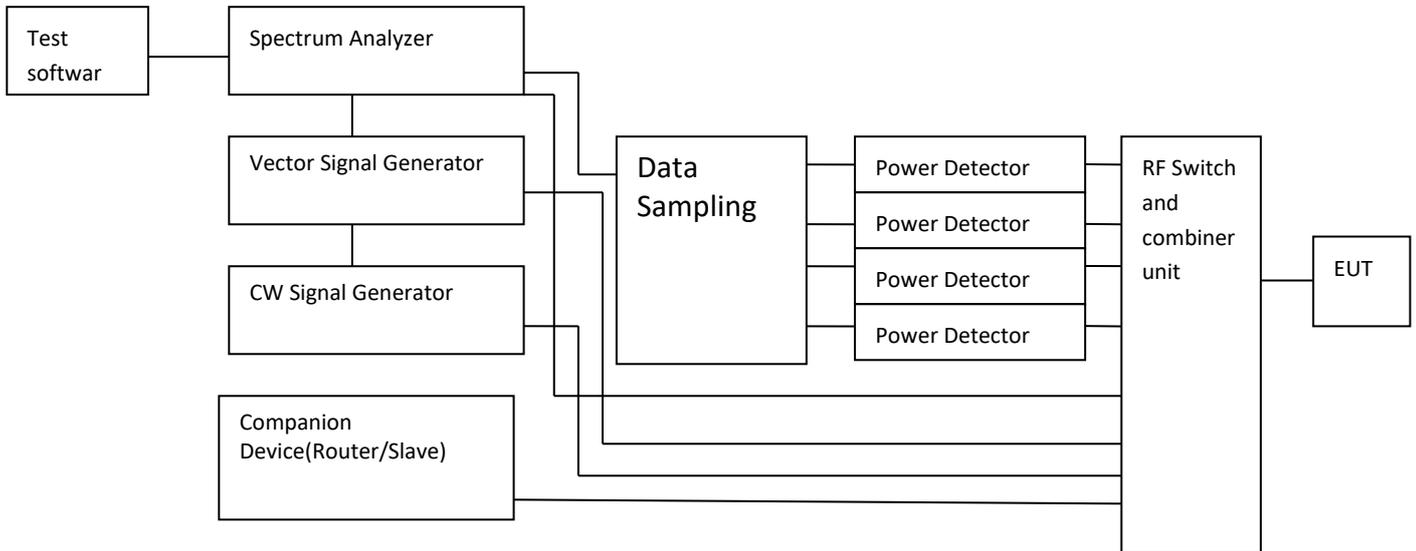
Table 4 Working Frequency List (Nominal Channel Bandwidth: 40MHz)

Channel	Center Frequency(MHz)	Channel	Center Frequency(MHz)
3	2422	8	2447
4	2427	9	2452
5	2432	10	2457
6	2437	11	2462
7	2442	---	---

3.2. Block Diagram of EUT Configuration



3.3. Test System Configuration



3.4. Operating Condition of EUT

- Test mode 1: TX(802.11b)
- Test mode 2: TX(802.11g)
- Test mode 3: TX(802.11n HT20)
- Test mode 4: TX(802.11n HT40)
- Test mode 5: TX(802.11ax HE20)
- Test mode 6: TX(802.11ax HE40)
- Test mode 7: TX(802.11be EHT20)
- Test mode 8: TX(802.11be EHT40)
- Test mode 9: RX(802.11b)
- Test mode 10: RX(802.11g)
- Test mode 11: RX(802.11n HT20)
- Test mode 12: RX(802.11n HT40)
- Test mode 13: RX(802.11ax HE20)
- Test mode 14: RX(802.11ax HE40)
- Test mode 15: RX(802.11be EHT20)
- Test mode 16: RX(802.11be EHT40)

Preliminary tests were performed in different data rate and the worst case is decided as below,

802.11b

Pre-scan was performed with 802.11b(the speed are 1 Mbit/s, 2 Mbit/s, 5.5 Mbit/s, 11 Mbit/s).The worst case is 802.11b 1Mbit/s.

802.11g

Pre-scan was performed with 802.11g(the speed are 6 Mbit/s, 9 Mbit/s, 12 Mbit/s, 18Mbit/s, 24 Mbit/s, 36 Mbit/s, 48 Mbit/s, 54 Mbit/s). The worst case is 802.11g 6Mbit/s

802.11n HT20

Pre-scan of output power was performed with 802.11n HT20. The worst case is 802.11n HT20 at the lowest data rate.

802.11n HT40

Pre-scan of output power was performed with 802.11n HT40. The worst case is 802.11n HT40 at the lowest data rate.

802.11ax HE20

Pre-scan of output power was performed with 802.11ax HE20. The worst case is 802.11ax HE20 at the lowest data rate.

802.11ax HE40

Pre-scan of output power was performed with 802.11ax HE40. The worst case is 802.11ax HE40 at the lowest data rate.

802.11be EHT20

Pre-scan of output power was performed with 802.11be EHT20. The worst case is 802.11 be EHT20 at the lowest data rate.

802.11be EHT40

Pre-scan of output power was performed with 802.11be EHT40. The worst case is 802.11be EHT40 at the lowest data rate.

802.11n/ax/be can operate in MIMO mode for test items RF Output Power, Power Spectral Density, Occupied Channel Bandwidth, Transmitter unwanted emissions in the out-of-band domain and Spurious emissions. For MIMO, the 2TX emissions testing are considered as a worst case scenario and were tested at power levels, per transmit chain, greater than or equal to the maximum power in any 1TX mode.

802.11b was the worst case for the test items Spurious emissions and Receiver Blocking.

3.5. Support Equipment List

Table 5 Support Equipment List

Name	Model No	S/N	Manufacturer
Notebook	HSN-Q15C	5CD9361KR6	HP
Notebook	E460	SB12961	Lenovo
Wireless Network Card	AX210	--	Intel

3.6. Test Conditions

Date of test: Mar.17, 2025 - Apr .14, 2025

Date of EUT Receive: Mar. 10, 2025

Relative Humidity: 29%- 55%

NT =22 °C - 25 °C

HT =45 °C

LT =-5 °C

NV = DC 12 V by AC/DC Adapter

Remark: "NT" means "Normal Temperature"

"LT" means "Low Temperature"

"HT" means "High Temperature"

"NV" means "Normal Voltage"

3.7. Modifications

No modification was made.

4. TEST EQUIPMENT USED

Table 6 Test Equipment List

No.	Equipment	Model No.	Manufacturer	Calibrated until	Calibrated Interval
	Radio spectrum				
SB11873/01	Power sensor, Power Meter	OSP120+OSP-B157	R&S	2025-04-21	1 Year
SB11873/02	Vector Signal Generator	SMBV100A	R&S	2025-04-21	1 Year
SB3433	Signal Generator	SMT03	R&S	2025-04-21	1 Year
SB11818	Temperature & Humidity Chamber	EH-010U	Espec, CHINA	2025-10-29	1 Year
SB9060	Signal Analyzer	FSQ40	R&S	2025-04-21	1 Year
SB18161	Spectrum Analyzer	FSV3030	R&S	2025-04-21	1 Year
SB13989	Wireless Connectivity Tester	CMW270	R&S	2025-04-21	1 Year
	Radiated spurious emissions				
SB8501/09	EMI Test Receiver	ESU40	R&S	2026-01-05	1 Year
SB8501/08	Trilog Broadband Antenna(30M-3GHz)	VULB9163	Schwarzbeck	2025-12-11	1 Year
SB3435	Double-Ridged Waveguide Horn Antenna(1G~18GHz)	HF906	R&S	2025-11-18	1 Year
SB9058/03	Amplifier	SCU18	R&S	2026-01-05	1 Year
SB9555/02	Fully Anechoic Chamber	10*5.2*5.4(m)	Albatross	2025-08-07	1 Year

Table 7 Test Software

Test Items	Test software		
	Software Name	Developers	Version
Radiated spurious emissions	EMC32	R&S	9.26.01
Radio spectrum	JS1120-3	Tonscend	3.3.10

5. RF OUTPUT POWER

5.1. Test Requirements

5.1.1. Test Standard

EN 300 328 V2.2.2 (2019-07)

5.1.2. Test Limit

For non-adaptive frequency hopping systems

The maximum RF output power for non-adaptive Frequency Hopping equipment, shall be declared by the supplier. The maximum RF output power for this equipment shall be equal to or less than the value declared by the supplier. This declared value shall be equal to or less than 20dBm.

The maximum RF output power for non-adaptive equipment shall be declared by the supplier and shall not exceed 20 dBm. For non-adaptive equipment using wide band modulations other than FHSS, the maximum RF output power shall be equal to or less than the value declared by the supplier.

For adaptive equipment using wide band modulations other than FHSS, the maximum RF output power shall be 20 dBm.

The maximum RF output power for non-adaptive equipment shall be declared by the manufacturer and shall not exceed 20 dBm. For non-adaptive equipment using wide band modulations other than FHSS, the maximum RF output power shall be equal to or less than the value declared by the manufacturer.

This limit shall apply for any combination of power level and intended antenna assembly.

5.2. Test Procedure

Refer to EN 300 328 V2.2.2 (2019-07) Clause 5.4.2

R&S®OSP120 module is used for power measurement, and it supports High sampling rate greater than 1 M sample/s and measurement time of up to 32 s at 1 M sample/s. Test software is used to control the power detector and the sampling unit. For adaptive equipment, the measurement duration shall be long enough to ensure a minimum number of bursts (at least 10) are captured.

5.3. Test Data

Please refer to the Annex A.

6. POWER SPECTRAL DENSITY

6.1. Test Requirements

6.1.1. Test Standard

EN 300 328 V2.2.2 (2019-07)

6.1.2. Test Limit

For equipment using wide band modulations other than FHSS, the maximum Power Spectral Density is limited to 10dBm per MHz.

6.2. Test Procedure

Refer to EN 300 328 V2.2.2 (2019-07) Clause 5.4.3

Test software is used to control the spectrum analyzer to use the following settings:

Start Frequency: 2 400 MHz

Stop Frequency: 2 483,5 MHz

Resolution BW: 10 kHz

Video BW: 30 kHz

Sweep Points: 15000

Detector: RMS Trace Mode: Max Hold Sweep time: 10s

Test software acquires the trace data and calculate the Spectral Density in 1MHz.

6.3. Test Data

Please refer to the Annex A.

7. ACCUMULATED TRANSMIT TIME, FREQUENCY OCCUPATION & HOPPING SEQUENCE

7.1. Test Requirements

7.1.1. Test Standard

EN 300 328 V2.2.2 (2019-07)

7.1.2. Test Limit

Non-adaptive FHSS equipment

The Accumulated Transmit Time on any hopping frequency shall not be greater than 15 ms within any observation period of 15 ms multiplied by the minimum number of hopping frequencies (N) that have to be used.

In order for the FHSS equipment to comply with the Frequency Occupation requirement, it shall meet either of the following two options:

Option 1: Each hopping frequency of the Hopping Sequence shall be occupied at least once within a period not exceeding four times the product of the dwell time and the number of hopping frequencies in use.

Option 2: The probability that each hopping frequency is occupied shall be between $((1 / U) \times 25 \%)$ and 77 % where U is the number of hopping frequencies in use. The Hopping Sequence(s) shall contain at least N hopping frequencies where N is either 5 or the result of 15 MHz divided by the minimum Hopping Frequency Separation in MHz, whichever is the greater.

NOTE: See also clause 4.3.1.5.3.1 for the Hopping Frequency Separation applicable to non-adaptive FHSS equipment.

Non-Adaptive FHSS equipment, may blacklist some but not all hopping frequencies. From the N hopping frequencies defined above, the equipment shall transmit on at least one hopping frequency. For the blacklisted frequencies, the equipment has to occupy these frequencies for the duration of the average dwell time (see also definition for blacklisted frequency in clause 3.1).

Adaptive FHSS equipment

Adaptive FHSS equipment shall be capable of operating over a minimum of 70 % of the band specified in 2400-2483.5MHz.

The Accumulated Transmit Time on any hopping frequency shall not be greater than 400 ms within any observation period of 400 ms multiplied by the minimum number of hopping frequencies (N) that have to be used.

In order for the FHSS equipment to comply with the Frequency Occupation requirement, it shall meet either of the following two options:

Option 1: Each hopping frequency of the Hopping Sequence shall be occupied at least once within a period not exceeding four times the product of the dwell time and the number of hopping frequencies in use.

Option 2: The occupation probability for each frequency shall be between $((1 /$

U) × 25 %) and 77 % where U is the number of hopping frequencies in use. The Hopping Sequence(s) shall contain at least N hopping frequencies at all times, where N is either 15 or the result of 15 MHz divided by the minimum Hopping Frequency Separation in MHz, whichever is the greater.

NOTE: See also clause 4.3.1.5.3.2 for the Hopping Frequency Separation applicable to adaptive FHSS equipment.

For Adaptive FHSS equipment, from the N hopping frequencies defined above, the equipment shall consider at least one hopping frequency for its transmissions. Providing that there is no interference present on this hopping frequency with a level above the detection threshold defined in clause 4.3.1.7.2.2, point 5 or clause 4.3.1.7.3.2, point 5, then the equipment shall have transmissions on this hopping frequency. For Adaptive FHSS equipment using LBT, if a signal is detected during the CCA, the equipment may jump immediately to the next hopping frequency in the Hopping Sequence (see clause 4.3.1.7.2.2, point 2) provided the limit for Accumulated Transmit Time on the new hopping frequency is respected.

7.2. Test Procedure

Refer to EN 300 328 V2.2.2 (2019-07) Clause 5.4.4

7.3. Test Data

N/A.

8. HOPPING FREQUENCY SEPARATION

8.1. Test Requirements

8.1.1. Test Standard

EN 300 328 V2.2.2 (2019-07)

8.1.2. Test Limit

For non-adaptive FHSS equipment, the Hopping Frequency Separation shall be equal to or greater than the Occupied Channel Bandwidth (see clause 4.3.1.8), with a minimum separation of 100 kHz.

For FHSS equipment with a maximum declared RF Output power level of less than 10 dBm e.i.r.p. or for non-adaptive FHSS equipment operating in a mode where the RF Output power is less than 10 dBm e.i.r.p., the Hopping Frequency Separation shall be equal to or greater than 100 kHz.

For adaptive FHSS equipment, the minimum Hopping Frequency Separation shall be 100 kHz.

Adaptive FHSS equipment that switched to a non-adaptive mode for one or more hopping frequencies because interference was detected on each of these hopping frequencies with a level above the threshold level defined in clause 4.3.1.7.2.2, point 5 or clause 4.3.1.7.3.2, point 5, does not have to comply with the Hopping Frequency Separation provided in clause 4.3.1.5.3.1 for non-adaptive FHSS equipment. If the Hopping Frequency Separation is below the Occupied Channel Bandwidth but greater than 100 kHz, the equipment is allowed to continue to operate with this Hopping Frequency Separation as long as the interference remains present on these hopping frequencies. As this relaxed Hopping Frequency Separation only applies to adaptive FHSS equipment, the FHSS equipment shall continue to operate in an adaptive mode on all other hopping frequencies.

Adaptive FHSS equipment which decided to operate in a non-adaptive mode on one or more hopping frequencies without the presence of interference, shall comply with the limit for Hopping Frequency Separation for non-adaptive FHSS equipment defined in clause 4.3.1.5.3.1 (first paragraph) for these hopping frequencies.

8.2. Test Procedure

Refer to EN 300 328 V2.2.2 (2019-07) Clause 5.4.5

8.3. Test Data

N/A.

9. ADAPTIVITY

9.1. Test Requirements

9.1.1. Test Standard

EN 300 328 V2.2.2 (2019-07)

9.1.2. Test Limit

Adaptive FHSS

Adaptive FHSS using LBT

- At the start of every dwell time, before transmission on a hopping frequency, the equipment shall perform a Clear Channel Assessment (CCA) check using energy detect. The CCA observation time shall be not less than 0,2 % of the Channel Occupancy Time with a minimum of 18 μs.
- The Channel Occupancy Time for a given hopping frequency, which starts immediately after a successful CCA, shall be less than 60 ms followed by an Idle Period of minimum 5 % of the Channel Occupancy Time with a minimum of 100 μs.
- The detection threshold shall be proportional to the transmit power of the transmitter: for a 20 dBm e.i.r.p. transmitter the detection threshold level (TL) shall be equal to or less than -70 dBm/MHz at the input to the receiver assuming a 0 dBi (receive) antenna assembly. This threshold level (TL) may be corrected for the (receive) antenna assembly gain (G); however, beamforming gain (Y) shall not be taken into account. For power levels less than 20 dBm e.i.r.p., the detection threshold level may be relaxed to:

$$TL = -70 \text{ dBm/MHz} + 10 \times \log_{10} (100 \text{ mW} / P_{\text{out}}) \quad (P_{\text{out}} \text{ in mW e.i.r.p.})$$

Table 8 Unwanted Signal parameters

Wanted signal mean power from companion device	Unwanted signal frequency (MHz)	Unwanted CW signal power (dBm)
sufficient to maintain the link (see note 2)	2 395 or 2 488,5 (see note 1)	-35 (see note 3)
NOTE 1: The highest frequency shall be used for testing operating channels within the range 2 400 MHz to 2 442 MHz, while the lowest frequency shall be used for testing operating channels within the range 2 442 MHz to 2 483,5 MHz. See clause 5.4.6.1.		
NOTE 2: A typical value which can be used in most cases is -50 dBm/MHz.		
NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna.		

Adaptive FHSS using DAA

- The Channel Occupancy Time for a given hopping frequency shall be less than 40 ms. For equipment using a dwell time > 40 ms that wants to have other transmissions during the same hop (dwell time) an Idle Period (no transmissions) of minimum 5 % of the Channel Occupancy Period with a minimum of 100 μs shall be implemented.
- For FHSS equipment using DAA with a dwell time < 40 ms, the maximum Channel Occupancy Time may be non-contiguous, i.e. spread over a number of Hopping Sequences (equal to 40 ms divided by the dwell time [ms]).

- The detection threshold shall be proportional to the transmit power of the transmitter: for a 20 dBm e.i.r.p. transmitter the detection threshold level (TL) shall be equal to or less than -70 dBm/MHz at the input to the receiver assuming a 0 dBi (receive) antenna assembly. This threshold level (TL) may be corrected for the (receive) antenna assembly gain (G); however, beamforming gain (Y) shall not be taken into account. For power levels below 20 dBm e.i.r.p., the detection threshold level may be relaxed to:

$$TL = -70 \text{ dBm/MHz} + 10 \times \log_{10} (100 \text{ mW} / P_{\text{out}}) \quad (P_{\text{out}} \text{ in mW e.i.r.p.})$$

If implemented, Short Control Signalling Transmissions shall have a maximum TxOn / (TxOn + TxOff) ratio of 10 % within any observation period of 50 ms or within an observation period equal to the dwell time, whichever is less.

Table 9 Unwanted Signal parameters

Wanted signal mean power from companion device (dBm)	Unwanted signal frequency (MHz)	Unwanted CW signal power (dBm)
-30 (see note 2)	2 395 or 2 488,5 (see note 1)	-35 (see note 2)

NOTE 1: The highest frequency shall be used for testing operating channels within the range 2 400 MHz to 2 442 MHz, while the lowest frequency shall be used for testing operating channels within the range 2 442 MHz to 2 483,5 MHz. See clause 5.4.6.1.

NOTE 2: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density in front of the UUT antenna.

non-FHSS

Adaptive non-FHSS using DAA

- The Channel Occupancy Time shall be less than 40 ms. Each such transmission sequence shall be followed by an Idle Period (no transmissions) of minimum 5 % of the Channel Occupancy Time with a minimum of 100 µs.
- The detection threshold shall be proportional to the transmit power of the transmitter: for a 20 dBm e.i.r.p. transmitter the detection threshold level (TL) shall be equal to or less than -70 dBm/MHz at the input to the receiver assuming a 0 dBi (receive) antenna assembly. This threshold level (TL) may be corrected for the (receive) antenna assembly gain (G); however, beamforming gain (Y) shall not be taken into account. For power levels less than 20 dBm e.i.r.p., the detection threshold level may be relaxed to:

$$TL = -70 \text{ dBm/MHz} + 10 \times \log_{10} (100 \text{ mW} / P_{\text{out}}) \quad (P_{\text{out}} \text{ in mW e.i.r.p.})$$

Table 10 Unwanted Signal parameters

Wanted signal mean power from companion device (dBm)	Unwanted signal frequency (MHz)	Unwanted CW signal power (dBm)
-30 (see note 2)	2 395 or 2 488,5 (see note 1)	-35 (see note 2)

NOTE 1: The highest frequency shall be used for testing operating channels within the range 2 400 MHz to 2 442 MHz, while the lowest frequency shall be used for testing operating channels within the range 2 442 MHz to 2 483,5 MHz. See clause 5.4.6.1.

NOTE 2: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density in front of the UUT antenna.

Adaptive non-FHSS using LBT(Frame Based Equipment)

- The equipment shall observe the operating channel for the duration of the CCA observation time which shall be not less than 18 μ s.
- The Channel Occupancy Time shall be in the range 1 ms to 10 ms followed by an Idle Period of at least 5 % of the Channel Occupancy Time used in the equipment for the current Frame Period.
- The energy detection threshold for the CCA shall be proportional to the transmit power of the transmitter: for a 20 dBm e.i.r.p. transmitter the CCA threshold level (TL) shall be equal to or less than -70 dBm/MHz at the input to the receiver assuming a 0 dBi (receive) antenna assembly. This threshold level (TL) may be corrected for the (receive) antenna assembly gain (G); however, beamforming gain (Y) shall not be taken into account. For power levels less than 20 dBm e.i.r.p., the CCA threshold level may be relaxed to:

$$TL = -70 \text{ dBm/MHz} + 10 \times \log_{10} (100 \text{ mW} / P_{\text{out}}) \quad (P_{\text{out}} \text{ in mW e.i.r.p.})$$

Table 11 Unwanted Signal parameters

Wanted signal mean power from companion device (dBm)	Unwanted signal frequency (MHz)	Unwanted CW signal power (dBm)
sufficient to maintain the link (see note 2)	2 395 or 2 488,5 (see note 1)	-35 (see note 3)

NOTE 1: The highest frequency shall be used for testing operating channels within the range 2 400 MHz to 2 442 MHz, while the lowest frequency shall be used for testing operating channels within the range 2 442 MHz to 2 483,5 MHz. See clause 5.4.6.1.

NOTE 2: A typical conducted value which can be used in most cases is -50 dBm/MHz.

NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density in front of the UUT antenna.

Adaptive non-FHSS using LBT(Load Based Equipment)

- The equipment shall observe the operating channel for the duration of the CCA observation time which shall be not less than 18 μ s.
- The Channel Occupancy Time shall be less than 13 ms.
- The energy detection threshold for the CCA shall be proportional to the transmit power of the transmitter: for a 20 dBm e.i.r.p. transmitter the CCA threshold level (TL) shall be equal to or less than -70 dBm/MHz at the input to the receiver assuming a 0 dBi (receive) antenna assembly. This threshold level (TL) may be corrected for the (receive) antenna assembly gain (G); however, beamforming gain (Y) shall not be taken into account. For power levels less than 20 dBm e.i.r.p., the CCA threshold level may be relaxed to:

$$TL = -70 \text{ dBm/MHz} + 10 \times \log_{10} (100 \text{ mW} / P_{\text{out}}) \quad (P_{\text{out}} \text{ in mW e.i.r.p.})$$

Table 12 Unwanted Signal parameters

Wanted signal mean power from companion device (dBm)	Unwanted signal frequency (MHz)	Unwanted CW signal power (dBm)
sufficient to maintain the link (see note 2)	2 395 or 2 488,5 (see note 1)	-35 (see note 2)

NOTE 1: The highest frequency shall be used for testing operating channels within the range 2 400 MHz to 2 442 MHz, while the lowest frequency shall be used for testing operating channels within the range 2 442 MHz to 2 483,5 MHz. See clause 5.4.6.1.

NOTE 2: A typical conducted value which can be used in most cases is -50 dBm/MHz.

NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna.

If implemented, Short Control Signalling Transmissions of adaptive non-FHSS equipment shall have a maximum TxOn / (TxOn + TxOff) ratio of 10 % within any observation period of 50 ms.

NOTE: Duty Cycle is defined in clause 4.3.2.4.2.

9.2. Test Procedure

Refer to EN 300 328 V2.2.2 (2019-07) Clause 5.4.6

9.3. Test Data

Please refer to the Annex A.

10. OCCUPIED CHANNEL BANDWIDTH

10.1. Test Requirements

10.1.1. Test Standard

EN 300 328 V2.2.2 (2019-07)

10.1.2. Test Limit

The Occupied Channel Bandwidth shall be within the band 2.4GHz to 2.4835GHz.

For non-adaptive FHSS equipment with e.i.r.p. greater than 10 dBm, the Occupied Channel Bandwidth for every occupied hopping frequency shall be equal to or less than 5 MHz.

For non-adaptive non-FHSS equipment with e.i.r.p. greater than 10 dBm, the Occupied Channel Bandwidth shall be equal to or less than 20 MHz.

10.2. Test Procedure

Refer to EN 300 328 V2.2.2 (2019-07) Clause 5.4.7

Connect the UUT to the spectrum analyser and use the following settings:

Centre Frequency: The centre frequency of the channel under test

RBW: 500KHz(HT 20), 20KHz(Bluetooth), 50KHz(Bluetooth(LE))

VBW: 2MHz(HT 20), 100KHz(Bluetooth), 200KHz(Bluetooth(LE))

Frequency Span: 2 × Nominal Channel Bandwidth

Detector Mode: RMS

Trace Mode: Max Hold

Sweep time: 1s

10.3. Test Data

Please refer to the Annex A.

11. TRANSMITTER UNWANTED EMISSIONS IN THE OUT-OF-BAND DOMAIN

11.1. Test Requirements

11.1.1. Test Standard

EN 300 328 V2.2.2 (2019-07)

11.1.2. Test Limit

The transmitter unwanted emissions in the out-of-band domain but outside the allocated band, shall not exceed the values provided by the mask in figure 3.

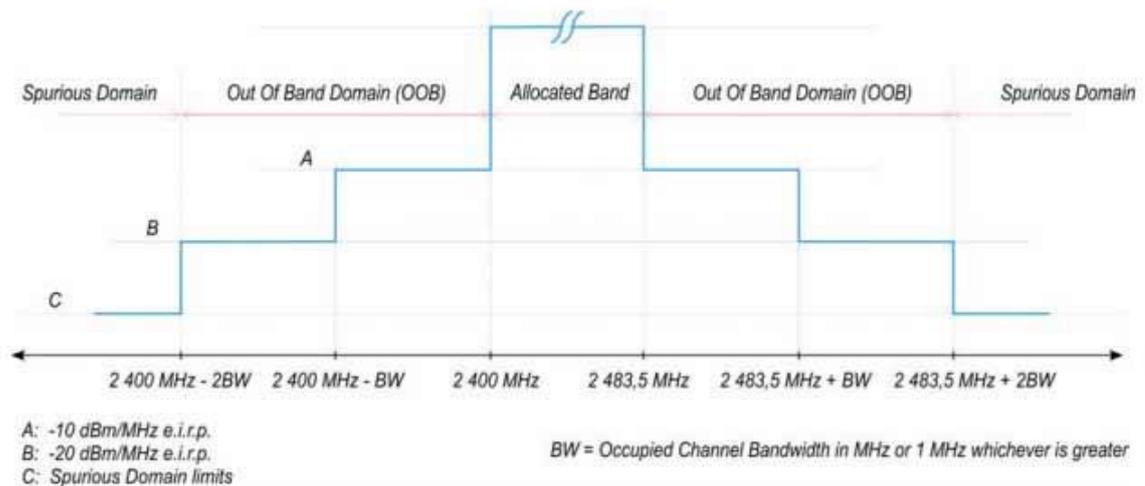


Figure 3: Transmit mask

11.2. Test Procedure

Refer to EN 300 328 V2.2.2 (2019-07) Clause 5.4.8

11.3. Test Data

Please refer to the Annex A.

12. SPURIOUS EMISSIONS

12.1. Test Requirements

12.1.1. Test Standard

EN 300 328 V2.2.2 (2019-07)

12.1.2. Test Limit

Table 13 Transmitter limits for spurious emissions

Transmitter Limits for Spurious Emissions		
Frequency Range	Maximum power E.R.P. (\leq 1GHz) E.I.R.P. ($>$ 1GHz)	Bandwidth
30 MHz to 47 MHz	-36 dBm	100 kHz
47 MHz to 74 MHz	-54 dBm	100 kHz
74 MHz to 87,5 MHz	-36 dBm	100 kHz
87,5 MHz to 118 MHz	-54 dBm	100 kHz
118 MHz to 174 MHz	-36 dBm	100 kHz
174 MHz to 230 MHz	-54 dBm	100 kHz
230 MHz to 470 MHz	-36 dBm	100 kHz
470 MHz to 694 MHz	-54 dBm	100 kHz
694 MHz to 1 GHz	-36 dBm	100 kHz
1 GHz to 12,75 GHz	-30 dBm	1 MHz

Table 14 Spurious emission limits for receivers

Frequency range	Limit	Bandwidth
30 MHz to 1 GHz	-57 dBm	100 kHz
above 1 GHz to 12,75 GHz	-47 dBm	1 MHz

12.2. Test Procedure

Refer to EN 300 328 V2.2.2 (2019-07) Clause 5.4.9

12.3. Test Data

Please refer to the Annex A and Annex B.

13. RECEIVER BLOCKING

13.1. Test Requirements

13.1.1. Test Standard

EN 300 328 V2.2.2 (2019-07)

13.1.2. Test Limit

Table 15 Receiver Blocking parameters for Receiver Category 1 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 4)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 4)	Type of blocking signal
(-133 dBm + 10 × log 10 (OCBW)) or -68 dBm whichever is less (see note 2)	2 380	-34	CW
	2 504		
(-139 dBm + 10 × log 10 (OCBW)) or -74 dBm whichever is less (see note 3)	2 300		
	2 330		
	2 360		
	2 524		
	2 584		
	2 674		

NOTE 1: OCBW is in Hz.

NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{min} + 26$ dB where P_{min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 3: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to $P_{min} + 20$ dB where P_{min} is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.

NOTE 4: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.

Table 16 Receiver Blocking parameters receiver category 2 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal

(-139 dBm + 10 × log 10 (OCBW) + 10 dB) or (-74 dBm + 10 dB) whichever is less (see note 2)	2 380	-34	CW
	2 504		
	2 300		
	2 584		

NOTE 1: OCBW is in Hz.
NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to P min + 26 dB where P min is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.
NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.

Table 17 Receiver Blocking parameters receiver category 3 equipment

Wanted signal mean power from companion device (dBm) (see notes 1 and 3)	Blocking signal frequency (MHz)	Blocking signal power (dBm) (see note 3)	Type of blocking signal
(-139 dBm + 10 × log 10 (OCBW) + 20 dB) or (-74 dBm + 20 dB) whichever is less (see note 2)	2 380	-34	CW
	2 504		
	2 300		
	2 584		

NOTE 1: OCBW is in Hz.
NOTE 2: In case of radiated measurements using a companion device and the level of the wanted signal from the companion device cannot be determined, a relative test may be performed using a wanted signal up to P min + 30 dB where P min is the minimum level of wanted signal required to meet the minimum performance criteria as defined in clause 4.3.1.12.3 in the absence of any blocking signal.
NOTE 3: The level specified is the level at the UUT receiver input assuming a 0 dBi antenna assembly gain. In case of conducted measurements, this level has to be corrected for the (in-band) antenna assembly gain (G). In case of radiated measurements, this level is equivalent to a power flux density (PFD) in front of the UUT antenna with the UUT being configured/positioned as recorded in clause 5.4.3.2.2.

13.2. Test Procedure

Refer to EN 300 328 V2.2.2 (2019-07) Clause 5.4.11

13.3. Test Data

Please refer to the Annex A.

ANNEX A TEST DATA(CONDUCTED TEST DATA)

Appendix A: RF Output Power

Test Result
 Note: Max EIRP= Max Burst RMS Power + Antenna Gain+ Beafoming Gain

Test Condition	TestMode	Antenna	Channel	EIRP[dBm]	Limit[dBm]	Verdict	
NTNV	11B	Ant1	2412	17.18	20	PASS	
		Ant2	2412	17.04	20	PASS	
		Ant1	2442	17.19	20	PASS	
		Ant2	2442	17.50	20	PASS	
		Ant1	2472	17.10	20	PASS	
		Ant2	2472	17.48	20	PASS	
	11G	Ant1	2412	19.30	20	PASS	
		Ant2	2412	19.51	20	PASS	
		Ant1	2442	19.41	20	PASS	
		Ant2	2442	19.64	20	PASS	
		Ant1	2472	19.48	20	PASS	
		Ant2	2472	19.74	20	PASS	
	11N20MIMO	Ant1	2412	14.47	20	PASS	
		Ant2	2412	14.45	20	PASS	
		total	2412	19.48	20	PASS	
		Ant1	2442	14.44	20	PASS	
		Ant2	2442	14.68	20	PASS	
		total	2442	19.58	20	PASS	
		Ant1	2472	14.66	20	PASS	
		Ant2	2472	14.77	20	PASS	
		total	2472	19.67	20	PASS	
	11N40MIMO	Ant1	2422	14.87	20	PASS	
		Ant2	2422	14.82	20	PASS	
		total	2422	19.81	20	PASS	
		Ant1	2442	14.77	20	PASS	
		Ant2	2442	14.86	20	PASS	
		total	2442	19.78	20	PASS	
		Ant1	2462	14.85	20	PASS	
		Ant2	2462	14.83	20	PASS	
		total	2462	19.86	20	PASS	
	11AX20MIMO	Ant1	2412	14.78	20	PASS	
		Ant2	2412	14.67	20	PASS	
		total	2412	19.71	20	PASS	
		Ant1	2442	14.55	20	PASS	
		Ant2	2442	14.88	20	PASS	
		total	2442	19.71	20	PASS	
		Ant1	2472	14.00	20	PASS	
		Ant2	2472	14.40	20	PASS	
	total	2472	19.23	20	PASS		
	11AX40MIMO	Ant1	2422	14.50	20	PASS	
		Ant2	2422	14.63	20	PASS	
		total	2422	19.53	20	PASS	
		Ant1	2442	14.32	20	PASS	
		Ant2	2442	14.59	20	PASS	
		total	2442	19.40	20	PASS	
		Ant1	2462	13.84	20	PASS	
		Ant2	2462	14.59	20	PASS	
	total	2462	19.20	20	PASS		
	LTNV	11B	Ant1	2412	17.18	20	PASS
			Ant2	2412	17.17	20	PASS

		Ant1	2442	17.23	20	PASS	
		Ant2	2442	17.48	20	PASS	
		Ant1	2472	17.26	20	PASS	
		Ant2	2472	17.48	20	PASS	
	11G	Ant1	2412	19.33	20	PASS	
		Ant2	2412	19.42	20	PASS	
		Ant1	2442	19.52	20	PASS	
		Ant2	2442	19.67	20	PASS	
		Ant1	2472	19.52	20	PASS	
		Ant2	2472	19.75	20	PASS	
	11N20MIMO	Ant1	2412	14.59	20	PASS	
		Ant2	2412	14.45	20	PASS	
		total	2412	19.53	20	PASS	
		Ant1	2442	14.59	20	PASS	
		Ant2	2442	14.59	20	PASS	
		total	2442	19.62	20	PASS	
		Ant1	2472	14.57	20	PASS	
		Ant2	2472	14.66	20	PASS	
	total	2472	19.65	20	PASS		
	11N40MIMO	Ant1	2422	14.56	20	PASS	
		Ant2	2422	14.71	20	PASS	
		total	2422	19.63	20	PASS	
		Ant1	2442	14.81	20	PASS	
		Ant2	2442	14.77	20	PASS	
		total	2442	19.74	20	PASS	
		Ant1	2462	14.71	20	PASS	
		Ant2	2462	14.74	20	PASS	
	total	2462	19.73	20	PASS		
	11AX20MIMO	Ant1	2412	14.38	20	PASS	
		Ant2	2412	14.53	20	PASS	
		total	2412	19.47	20	PASS	
		Ant1	2442	14.76	20	PASS	
		Ant2	2442	14.82	20	PASS	
		total	2442	19.78	20	PASS	
		Ant1	2472	14.25	20	PASS	
		Ant2	2472	14.58	20	PASS	
	total	2472	19.42	20	PASS		
	11AX40MIMO	Ant1	2422	14.36	20	PASS	
		Ant2	2422	14.59	20	PASS	
		total	2422	19.48	20	PASS	
		Ant1	2442	14.29	20	PASS	
		Ant2	2442	14.50	20	PASS	
		total	2442	19.42	20	PASS	
		Ant1	2462	14.08	20	PASS	
		Ant2	2462	14.70	20	PASS	
	total	2462	19.41	20	PASS		
	HTNV	11B	Ant1	2412	17.17	20	PASS
			Ant2	2412	17.16	20	PASS
Ant1			2442	17.17	20	PASS	
Ant2			2442	17.40	20	PASS	
Ant1			2472	17.22	20	PASS	
Ant2			2472	17.47	20	PASS	
11G		Ant1	2412	19.26	20	PASS	
		Ant2	2412	19.49	20	PASS	
		Ant1	2442	19.51	20	PASS	
		Ant2	2442	19.65	20	PASS	
		Ant1	2472	19.48	20	PASS	
		Ant2	2472	19.76	20	PASS	
11N20MIMO		Ant1	2412	14.59	20	PASS	
		Ant2	2412	14.45	20	PASS	
total		2412	19.56	20	PASS		

		Ant1	2442	14.47	20	PASS
		Ant2	2442	14.45	20	PASS
		total	2442	19.49	20	PASS
		Ant1	2472	14.68	20	PASS
		Ant2	2472	14.85	20	PASS
		total	2472	19.79	20	PASS
	11N40MIMO	Ant1	2422	14.64	20	PASS
		Ant2	2422	14.67	20	PASS
		total	2422	19.67	20	PASS
		Ant1	2442	14.94	20	PASS
		Ant2	2442	14.73	20	PASS
		total	2442	19.85	20	PASS
		Ant1	2462	14.72	20	PASS
		Ant2	2462	14.83	20	PASS
		total	2462	19.72	20	PASS
	11AX20MIMO	Ant1	2412	14.68	20	PASS
		Ant2	2412	14.47	20	PASS
		total	2412	19.61	20	PASS
		Ant1	2442	14.78	20	PASS
		Ant2	2442	14.81	20	PASS
		total	2442	19.78	20	PASS
		Ant1	2472	14.26	20	PASS
		Ant2	2472	14.62	20	PASS
		total	2472	19.40	20	PASS
	11AX40MIMO	Ant1	2422	14.61	20	PASS
		Ant2	2422	14.66	20	PASS
		total	2422	19.52	20	PASS
		Ant1	2442	14.30	20	PASS
		Ant2	2442	14.59	20	PASS
		total	2442	19.38	20	PASS
		Ant1	2462	14.26	20	PASS
		Ant2	2462	14.62	20	PASS
		total	2462	19.48	20	PASS

Test Condition	Test Mode	Antenna	Frequency[M Hz]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
LTNV	11BE20MIMO	Ant1	2412	14.91	20	PASS
LTNV	11BE20MIMO	Ant2	2412	14.71	20	PASS
LTNV	11BE20MIMO	total	2412	19.84	20	PASS
NTNV	11BE20MIMO	Ant1	2412	14.88	20	PASS
NTNV	11BE20MIMO	Ant2	2412	14.84	20	PASS
NTNV	11BE20MIMO	total	2412	19.85	20	PASS
HTNV	11BE20MIMO	Ant1	2412	14.74	20	PASS
HTNV	11BE20MIMO	Ant2	2412	14.72	20	PASS
HTNV	11BE20MIMO	total	2412	19.70	20	PASS
LTNV	11BE20MIMO	Ant1	2442	14.82	20	PASS
LTNV	11BE20MIMO	Ant2	2442	15.11	20	PASS
LTNV	11BE20MIMO	total	2442	19.97	20	PASS
NTNV	11BE20MIMO	Ant1	2442	15.06	20	PASS
NTNV	11BE20MIMO	Ant2	2442	14.95	20	PASS
NTNV	11BE20MIMO	total	2442	19.99	20	PASS
HTNV	11BE20MIMO	Ant1	2442	15.00	20	PASS
HTNV	11BE20MIMO	Ant2	2442	14.95	20	PASS
HTNV	11BE20MIMO	total	2442	19.99	20	PASS
LTNV	11BE20MIMO	Ant1	2472	15.03	20	PASS
LTNV	11BE20MIMO	Ant2	2472	14.47	20	PASS
LTNV	11BE20MIMO	total	2472	19.76	20	PASS
NTNV	11BE20MIMO	Ant1	2472	14.44	20	PASS
NTNV	11BE20MIMO	Ant2	2472	14.44	20	PASS
NTNV	11BE20MIMO	total	2472	19.44	20	PASS

HTNV	11BE20MIMO	Ant1	2472	14.55	20	PASS
HTNV	11BE20MIMO	Ant2	2472	14.52	20	PASS
HTNV	11BE20MIMO	total	2472	19.58	20	PASS
LTNV	11BE40MIMO	Ant1	2422	14.94	20	PASS
LTNV	11BE40MIMO	Ant2	2422	14.71	20	PASS
LTNV	11BE40MIMO	total	2422	19.80	20	PASS
NTNV	11BE40MIMO	Ant1	2422	14.79	20	PASS
NTNV	11BE40MIMO	Ant2	2422	14.55	20	PASS
NTNV	11BE40MIMO	total	2422	19.70	20	PASS
HTNV	11BE40MIMO	Ant1	2422	14.59	20	PASS
HTNV	11BE40MIMO	Ant2	2422	14.48	20	PASS
HTNV	11BE40MIMO	total	2422	19.56	20	PASS
LTNV	11BE40MIMO	Ant1	2442	15.12	20	PASS
LTNV	11BE40MIMO	Ant2	2442	14.74	20	PASS
LTNV	11BE40MIMO	total	2442	19.96	20	PASS
NTNV	11BE40MIMO	Ant1	2442	14.89	20	PASS
NTNV	11BE40MIMO	Ant2	2442	14.84	20	PASS
NTNV	11BE40MIMO	total	2442	19.83	20	PASS
HTNV	11BE40MIMO	Ant1	2442	15.12	20	PASS
HTNV	11BE40MIMO	Ant2	2442	14.72	20	PASS
HTNV	11BE40MIMO	total	2442	19.92	20	PASS
LTNV	11BE40MIMO	Ant1	2462	14.83	20	PASS
LTNV	11BE40MIMO	Ant2	2462	14.83	20	PASS
LTNV	11BE40MIMO	total	2462	19.81	20	PASS
NTNV	11BE40MIMO	Ant1	2462	14.99	20	PASS
NTNV	11BE40MIMO	Ant2	2462	14.76	20	PASS
NTNV	11BE40MIMO	total	2462	19.88	20	PASS
HTNV	11BE40MIMO	Ant1	2462	15.05	20	PASS
HTNV	11BE40MIMO	Ant2	2462	14.61	20	PASS
HTNV	11BE40MIMO	total	2462	19.80	20	PASS

Appendix B: Power Spectral Density

Test Result

TestMode	Antenna	Channel	EIRP PSD[dBm/MHz]	Limit[dBm/MHz]	Verdict
11B	Ant1	2412	9.26	10	PASS
	Ant2	2412	9.20	10	PASS
	Ant1	2442	9.36	10	PASS
	Ant2	2442	9.81	10	PASS
	Ant1	2472	9.37	10	PASS
	Ant2	2472	9.60	10	PASS
11G	Ant1	2412	8.39	10	PASS
	Ant2	2412	8.61	10	PASS
	Ant1	2442	8.78	10	PASS
	Ant2	2442	8.83	10	PASS
	Ant1	2472	8.63	10	PASS
	Ant2	2472	8.87	10	PASS
11N20MIMO	Ant1	2412	3.38	10	PASS
	Ant2	2412	3.28	10	PASS
	total	2412	8.27	10	PASS
	Ant1	2442	3.35	10	PASS
	Ant2	2442	3.65	10	PASS
	total	2442	8.51	10	PASS
	Ant1	2472	3.52	10	PASS
	Ant2	2472	3.59	10	PASS
	total	2472	8.45	10	PASS
11N40MIMO	Ant1	2422	1.28	10	PASS
	Ant2	2422	1.21	10	PASS
	total	2422	6.12	10	PASS
	Ant1	2442	1.13	10	PASS
	Ant2	2442	1.24	10	PASS
	total	2442	6.11	10	PASS
	Ant1	2462	1.18	10	PASS
	Ant2	2462	1.14	10	PASS
	total	2462	6.11	10	PASS
11AX20MIMO	Ant1	2412	3.47	10	PASS
	Ant2	2412	3.40	10	PASS
	total	2412	8.41	10	PASS
	Ant1	2442	3.30	10	PASS
	Ant2	2442	3.65	10	PASS
	total	2442	8.39	10	PASS
	Ant1	2472	2.68	10	PASS
	Ant2	2472	3.04	10	PASS
total	2472	7.88	10	PASS	
11AX40MIMO	Ant1	2422	0.60	10	PASS
	Ant2	2422	0.80	10	PASS
	total	2422	5.66	10	PASS
	Ant1	2442	0.46	10	PASS
	Ant2	2442	0.82	10	PASS
	total	2442	5.58	10	PASS
	Ant1	2462	-0.01	10	PASS
	Ant2	2462	0.73	10	PASS
total	2462	5.31	10	PASS	

TestMode	Antenna	Frequency[MHz]	EIRP PSD[dBm/MHz]	Limit[dBm/MHz]	Verdict
11BE20MIMO	Ant1	2412	3.68	10	PASS
11BE20MIMO	Ant2	2412	3.38	10	PASS
11BE20MIMO	total	2412	8.51	10	PASS
11BE20MIMO	Ant1	2472	3.00	10	PASS
11BE20MIMO	Ant2	2472	3.08	10	PASS
11BE20MIMO	total	2472	7.99	10	PASS
11BE40MIMO	Ant1	2422	1.39	10	PASS
11BE40MIMO	Ant2	2422	0.67	10	PASS
11BE40MIMO	total	2422	5.96	10	PASS
11BE40MIMO	Ant1	2462	0.71	10	PASS
11BE40MIMO	Ant2	2462	0.93	10	PASS
11BE40MIMO	total	2462	5.80	10	PASS

Appendix C: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.72	2405.6400	2418.3600	2400 to 2483.5	PASS
	Ant2	2412	12.72	2405.6400	2418.3600	2400 to 2483.5	PASS
	Ant1	2472	12.76	2465.6000	2478.3600	2400 to 2483.5	PASS
	Ant2	2472	12.72	2465.6400	2478.3600	2400 to 2483.5	PASS
11G	Ant1	2412	16.56	2403.7200	2420.2800	2400 to 2483.5	PASS
	Ant2	2412	16.56	2403.7200	2420.2800	2400 to 2483.5	PASS
	Ant1	2472	16.56	2463.7200	2480.2800	2400 to 2483.5	PASS
	Ant2	2472	16.56	2463.7200	2480.2800	2400 to 2483.5	PASS
11N20MIMO	Ant1	2412	17.68	2403.1600	2420.8400	2400 to 2483.5	PASS
	Ant2	2412	17.68	2403.1600	2420.8400	2400 to 2483.5	PASS
	Ant1	2472	17.68	2463.1600	2480.8400	2400 to 2483.5	PASS
	Ant2	2472	17.68	2463.1600	2480.8400	2400 to 2483.5	PASS
11N40MIMO	Ant1	2422	36.16	2403.9200	2440.0800	2400 to 2483.5	PASS
	Ant2	2422	36.16	2403.9200	2440.0800	2400 to 2483.5	PASS
	Ant1	2462	36.16	2443.9200	2480.0800	2400 to 2483.5	PASS
	Ant2	2462	36.16	2443.9200	2480.0800	2400 to 2483.5	PASS
11AX20MIMO	Ant1	2412	18.88	2402.5600	2421.4400	2400 to 2483.5	PASS
	Ant2	2412	18.92	2402.5200	2421.4400	2400 to 2483.5	PASS
	Ant1	2472	18.92	2462.5200	2481.4400	2400 to 2483.5	PASS
	Ant2	2472	18.92	2462.5200	2481.4400	2400 to 2483.5	PASS
11AX40MIMO	Ant1	2422	37.68	2403.1200	2440.8000	2400 to 2483.5	PASS
	Ant2	2422	37.68	2403.1200	2440.8000	2400 to 2483.5	PASS
	Ant1	2462	37.68	2443.1200	2480.8000	2400 to 2483.5	PASS
	Ant2	2462	37.76	2443.1200	2480.8800	2400 to 2483.5	PASS

TestMode	Antenna	Frequency[MHz]	OCB[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11BE20MIMO	Ant1	2412	18.92	2402.5600	2421.4800	2400 to 2483.5	PASS
11BE20MIMO	Ant2	2412	18.88	2402.5600	2421.4400	2400 to 2483.5	PASS
11BE20MIMO	Ant1	2472	18.96	2462.5600	2481.5200	2400 to 2483.5	PASS
11BE20MIMO	Ant2	2472	18.88	2462.5600	2481.4400	2400 to 2483.5	PASS
11BE40MIMO	Ant1	2422	37.44	2403.0400	2440.4800	2400 to 2483.5	PASS
11BE40MIMO	Ant2	2422	37.68	2403.2000	2440.8800	2400 to 2483.5	PASS
11BE40MIMO	Ant1	2462	37.92	2442.9600	2480.8800	2400 to 2483.5	PASS
11BE40MIMO	Ant2	2462	37.76	2443.1200	2480.8800	2400 to 2483.5	PASS

Appendix D: Transmitter Unwanted Emissions In The Out-Of-Band Domain

Test Result

TestMode	Antenna	Channel	Freq. [MHz]	Level[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	2374.78	-48.14	-20.00	PASS
			2375.06	-48.33	-20.00	PASS
			2375.78	-48.00	-20.00	PASS
			2376.78	-48.55	-20.00	PASS
			2377.78	-48.22	-20.00	PASS
			2378.78	-47.93	-20.00	PASS
			2379.78	-48.35	-20.00	PASS
			2380.78	-48.13	-20.00	PASS
			2381.78	-48.58	-20.00	PASS
			2382.78	-48.37	-20.00	PASS
			2383.78	-48.24	-20.00	PASS
			2384.78	-48.08	-20.00	PASS
			2385.78	-48.19	-20.00	PASS
			2386.78	-48.16	-20.00	PASS
			2387.5	-48.29	-10.00	PASS
			2387.78	-48.33	-10.00	PASS
			2388.5	-48.01	-10.00	PASS
			2389.5	-47.14	-10.00	PASS
			2390.5	-48.41	-10.00	PASS
			2391.5	-48.07	-10.00	PASS
			2392.5	-46.77	-10.00	PASS
			2393.5	-46.49	-10.00	PASS
			2394.5	-45.23	-10.00	PASS
			2395.5	-43.58	-10.00	PASS
			2396.5	-42.88	-10.00	PASS
			2397.5	-42.64	-10.00	PASS
			2398.5	-41.16	-10.00	PASS
			2399.5	-40.69	-10.00	PASS
			2484	-48.46	-10.00	PASS
			2485	-47.87	-10.00	PASS
			2486	-48.07	-10.00	PASS
			2487	-47.84	-10.00	PASS
			2488	-47.43	-10.00	PASS
			2489	-48.02	-10.00	PASS
			2490	-48.23	-10.00	PASS
			2491	-47.69	-10.00	PASS
			2492	-47.59	-10.00	PASS
			2493	-47.83	-10.00	PASS
			2494	-48.15	-10.00	PASS
			2495	-47.65	-10.00	PASS
2495.72	-48.23	-10.00	PASS			
2496	-47.80	-10.00	PASS			
2496.72	-48.25	-20.00	PASS			
2497.72	-48.59	-20.00	PASS			
2498.72	-48.01	-20.00	PASS			
2499.72	-47.86	-20.00	PASS			
2500.72	-48.07	-20.00	PASS			
2501.72	-48.27	-20.00	PASS			
2502.72	-47.55	-20.00	PASS			
2503.72	-47.47	-20.00	PASS			
2504.72	-47.93	-20.00	PASS			
2505.72	-47.95	-20.00	PASS			
2506.72	-47.92	-20.00	PASS			
2507.72	-47.77	-20.00	PASS			

		2508.44	-48.25	-20.00	PASS
		2508.72	-48.37	-20.00	PASS
	Ant2	2374.78	-48.01	-20.00	PASS
		2375.06	-48.42	-20.00	PASS
		2375.78	-48.27	-20.00	PASS
		2376.78	-48.15	-20.00	PASS
		2377.78	-47.64	-20.00	PASS
		2378.78	-48.10	-20.00	PASS
		2379.78	-48.81	-20.00	PASS
		2380.78	-48.34	-20.00	PASS
		2381.78	-47.49	-20.00	PASS
		2382.78	-46.57	-20.00	PASS
		2383.78	-46.96	-20.00	PASS
		2384.78	-47.72	-20.00	PASS
		2385.78	-46.46	-20.00	PASS
		2386.78	-46.98	-20.00	PASS
		2387.5	-46.30	-10.00	PASS
		2387.78	-46.92	-10.00	PASS
		2388.5	-47.03	-10.00	PASS
		2389.5	-47.77	-10.00	PASS
		2390.5	-47.81	-10.00	PASS
		2391.5	-47.12	-10.00	PASS
		2392.5	-45.06	-10.00	PASS
		2393.5	-42.76	-10.00	PASS
		2394.5	-41.86	-10.00	PASS
		2395.5	-40.60	-10.00	PASS
		2396.5	-40.12	-10.00	PASS
		2397.5	-41.66	-10.00	PASS
		2398.5	-40.39	-10.00	PASS
		2399.5	-40.25	-10.00	PASS
		2484	-48.53	-10.00	PASS
		2485	-48.38	-10.00	PASS
		2486	-47.83	-10.00	PASS
		2487	-48.45	-10.00	PASS
		2488	-48.24	-10.00	PASS
		2489	-48.15	-10.00	PASS
		2490	-47.79	-10.00	PASS
		2491	-48.29	-10.00	PASS
		2492	-47.73	-10.00	PASS
		2493	-48.31	-10.00	PASS
		2494	-47.95	-10.00	PASS
		2495	-47.79	-10.00	PASS
		2495.72	-48.00	-10.00	PASS
		2496	-48.27	-10.00	PASS
		2496.72	-48.05	-20.00	PASS
		2497.72	-48.29	-20.00	PASS
		2498.72	-48.51	-20.00	PASS
		2499.72	-48.21	-20.00	PASS
		2500.72	-48.59	-20.00	PASS
	2501.72	-47.42	-20.00	PASS	
	2502.72	-48.67	-20.00	PASS	
	2503.72	-48.28	-20.00	PASS	
	2504.72	-48.21	-20.00	PASS	
	2505.72	-48.64	-20.00	PASS	
	2506.72	-48.34	-20.00	PASS	
	2507.72	-48.01	-20.00	PASS	
	2508.44	-47.96	-20.00	PASS	
	2508.72	-48.62	-20.00	PASS	
	Ant1	2374.74	-48.68	-20.00	PASS
		2374.98	-48.64	-20.00	PASS
		2375.74	-48.53	-20.00	PASS

		2376.74	-49.01	-20.00	PASS	
		2377.74	-48.84	-20.00	PASS	
		2378.74	-48.74	-20.00	PASS	
		2379.74	-48.87	-20.00	PASS	
		2380.74	-48.76	-20.00	PASS	
		2381.74	-49.04	-20.00	PASS	
		2382.74	-48.54	-20.00	PASS	
		2383.74	-48.72	-20.00	PASS	
		2384.74	-48.36	-20.00	PASS	
		2385.74	-48.61	-20.00	PASS	
		2386.74	-48.78	-20.00	PASS	
		2387.5	-47.73	-10.00	PASS	
		2387.74	-48.46	-10.00	PASS	
		2388.5	-48.21	-10.00	PASS	
		2389.5	-48.10	-10.00	PASS	
		2390.5	-48.37	-10.00	PASS	
		2391.5	-48.11	-10.00	PASS	
		2392.5	-48.34	-10.00	PASS	
		2393.5	-48.23	-10.00	PASS	
		2394.5	-48.52	-10.00	PASS	
		2395.5	-48.26	-10.00	PASS	
		2396.5	-48.10	-10.00	PASS	
		2397.5	-48.68	-10.00	PASS	
		2398.5	-48.53	-10.00	PASS	
		2399.5	-47.97	-10.00	PASS	
		2484	-39.53	-10.00	PASS	
		2485	-39.95	-10.00	PASS	
		2486	-42.58	-10.00	PASS	
		2487	-42.02	-10.00	PASS	
		2488	-42.54	-10.00	PASS	
		2489	-42.36	-10.00	PASS	
		2490	-44.92	-10.00	PASS	
		2491	-43.70	-10.00	PASS	
		2492	-46.78	-10.00	PASS	
		2493	-47.52	-10.00	PASS	
		2494	-47.41	-10.00	PASS	
		2495	-47.81	-10.00	PASS	
		2495.76	-46.84	-10.00	PASS	
		2496	-47.20	-10.00	PASS	
		2496.76	-47.37	-20.00	PASS	
		2497.76	-47.72	-20.00	PASS	
		2498.76	-46.49	-20.00	PASS	
		2499.76	-47.34	-20.00	PASS	
		2500.76	-47.16	-20.00	PASS	
		2501.76	-47.45	-20.00	PASS	
		2502.76	-46.91	-20.00	PASS	
		2503.76	-47.11	-20.00	PASS	
		2504.76	-46.74	-20.00	PASS	
		2505.76	-47.23	-20.00	PASS	
		2506.76	-47.63	-20.00	PASS	
		2507.76	-47.48	-20.00	PASS	
		2508.52	-47.07	-20.00	PASS	
		2508.76	-47.90	-20.00	PASS	
	Ant2	2472	2374.78	-48.56	-20.00	PASS
			2375.06	-49.13	-20.00	PASS
			2375.78	-48.73	-20.00	PASS
			2376.78	-48.93	-20.00	PASS
			2377.78	-48.99	-20.00	PASS
			2378.78	-48.47	-20.00	PASS
			2379.78	-48.43	-20.00	PASS
			2380.78	-48.36	-20.00	PASS

			2381.78	-49.01	-20.00	PASS
			2382.78	-48.69	-20.00	PASS
			2383.78	-48.98	-20.00	PASS
			2384.78	-48.09	-20.00	PASS
			2385.78	-49.09	-20.00	PASS
			2386.78	-48.77	-20.00	PASS
			2387.5	-48.44	-10.00	PASS
			2387.78	-49.02	-10.00	PASS
			2388.5	-48.62	-10.00	PASS
			2389.5	-47.47	-10.00	PASS
			2390.5	-47.98	-10.00	PASS
			2391.5	-47.67	-10.00	PASS
			2392.5	-48.25	-10.00	PASS
			2393.5	-48.06	-10.00	PASS
			2394.5	-48.56	-10.00	PASS
			2395.5	-48.28	-10.00	PASS
			2396.5	-48.74	-10.00	PASS
			2397.5	-48.66	-10.00	PASS
			2398.5	-48.90	-10.00	PASS
			2399.5	-48.50	-10.00	PASS
			2484	-38.67	-10.00	PASS
			2485	-39.98	-10.00	PASS
			2486	-40.91	-10.00	PASS
			2487	-41.57	-10.00	PASS
			2488	-42.54	-10.00	PASS
			2489	-44.01	-10.00	PASS
			2490	-45.19	-10.00	PASS
			2491	-44.73	-10.00	PASS
			2492	-47.91	-10.00	PASS
			2493	-47.54	-10.00	PASS
			2494	-47.75	-10.00	PASS
			2495	-46.46	-10.00	PASS
			2495.72	-47.82	-10.00	PASS
			2496	-47.78	-10.00	PASS
			2496.72	-47.70	-20.00	PASS
			2497.72	-47.44	-20.00	PASS
			2498.72	-47.49	-20.00	PASS
			2499.72	-47.92	-20.00	PASS
			2500.72	-47.72	-20.00	PASS
			2501.72	-48.01	-20.00	PASS
			2502.72	-48.14	-20.00	PASS
			2503.72	-48.08	-20.00	PASS
			2504.72	-47.26	-20.00	PASS
			2505.72	-47.78	-20.00	PASS
			2506.72	-48.20	-20.00	PASS
			2507.72	-47.37	-20.00	PASS
			2508.44	-47.46	-20.00	PASS
			2508.72	-46.68	-20.00	PASS
			2366.94	-39.95	-20.00	PASS
			2367.38	-39.84	-20.00	PASS
			2367.94	-40.12	-20.00	PASS
			2368.94	-39.09	-20.00	PASS
			2369.94	-39.26	-20.00	PASS
			2370.94	-37.92	-20.00	PASS
			2371.94	-38.38	-20.00	PASS
			2372.94	-39.01	-20.00	PASS
			2373.94	-38.92	-20.00	PASS
			2374.94	-38.54	-20.00	PASS
			2375.94	-38.19	-20.00	PASS
			2376.94	-38.20	-20.00	PASS
			2377.94	-37.38	-20.00	PASS
11G	Ant1	2412				

		2378.94	-37.53	-20.00	PASS
		2379.94	-38.19	-20.00	PASS
		2380.94	-37.13	-20.00	PASS
		2381.94	-38.01	-20.00	PASS
		2382.94	-37.48	-20.00	PASS
		2383.5	-37.23	-10.00	PASS
		2383.94	-37.54	-10.00	PASS
		2384.5	-36.70	-10.00	PASS
		2385.5	-37.14	-10.00	PASS
		2386.5	-36.26	-10.00	PASS
		2387.5	-36.05	-10.00	PASS
		2388.5	-35.56	-10.00	PASS
		2389.5	-35.65	-10.00	PASS
		2390.5	-33.69	-10.00	PASS
		2391.5	-32.62	-10.00	PASS
		2392.5	-30.33	-10.00	PASS
		2393.5	-29.76	-10.00	PASS
		2394.5	-28.75	-10.00	PASS
		2395.5	-28.03	-10.00	PASS
		2396.5	-26.54	-10.00	PASS
		2397.5	-25.37	-10.00	PASS
		2398.5	-23.98	-10.00	PASS
		2399.5	-22.95	-10.00	PASS
		2484	-47.02	-10.00	PASS
		2485	-46.98	-10.00	PASS
		2486	-46.39	-10.00	PASS
		2487	-47.27	-10.00	PASS
		2488	-46.97	-10.00	PASS
		2489	-46.84	-10.00	PASS
		2490	-46.47	-10.00	PASS
		2491	-47.48	-10.00	PASS
		2492	-46.19	-10.00	PASS
		2493	-47.22	-10.00	PASS
		2494	-46.63	-10.00	PASS
		2495	-46.33	-10.00	PASS
		2496	-46.89	-10.00	PASS
		2497	-47.56	-10.00	PASS
		2498	-47.29	-10.00	PASS
		2499	-47.70	-10.00	PASS
		2499.56	-47.36	-10.00	PASS
		2500	-47.48	-10.00	PASS
		2500.56	-47.73	-20.00	PASS
		2501.56	-47.23	-20.00	PASS
		2502.56	-47.21	-20.00	PASS
		2503.56	-47.64	-20.00	PASS
		2504.56	-47.24	-20.00	PASS
		2505.56	-47.37	-20.00	PASS
		2506.56	-47.14	-20.00	PASS
		2507.56	-47.04	-20.00	PASS
		2508.56	-46.79	-20.00	PASS
		2509.56	-47.62	-20.00	PASS
		2510.56	-47.66	-20.00	PASS
		2511.56	-47.29	-20.00	PASS
		2512.56	-47.55	-20.00	PASS
		2513.56	-47.21	-20.00	PASS
		2514.56	-47.43	-20.00	PASS
		2515.56	-47.47	-20.00	PASS
		2516.12	-47.20	-20.00	PASS
		2516.56	-47.06	-20.00	PASS
Ant2	2412	2366.94	-38.56	-20.00	PASS
		2367.38	-38.37	-20.00	PASS

2367.94	-37.82	-20.00	PASS
2368.94	-38.66	-20.00	PASS
2369.94	-38.58	-20.00	PASS
2370.94	-37.55	-20.00	PASS
2371.94	-38.11	-20.00	PASS
2372.94	-37.77	-20.00	PASS
2373.94	-38.03	-20.00	PASS
2374.94	-36.94	-20.00	PASS
2375.94	-37.42	-20.00	PASS
2376.94	-37.09	-20.00	PASS
2377.94	-36.70	-20.00	PASS
2378.94	-36.25	-20.00	PASS
2379.94	-36.38	-20.00	PASS
2380.94	-36.28	-20.00	PASS
2381.94	-37.17	-20.00	PASS
2382.94	-36.50	-20.00	PASS
2383.5	-36.13	-10.00	PASS
2383.94	-35.63	-10.00	PASS
2384.5	-36.11	-10.00	PASS
2385.5	-35.84	-10.00	PASS
2386.5	-35.57	-10.00	PASS
2387.5	-35.85	-10.00	PASS
2388.5	-35.27	-10.00	PASS
2389.5	-33.49	-10.00	PASS
2390.5	-32.88	-10.00	PASS
2391.5	-28.67	-10.00	PASS
2392.5	-27.49	-10.00	PASS
2393.5	-25.22	-10.00	PASS
2394.5	-25.56	-10.00	PASS
2395.5	-24.94	-10.00	PASS
2396.5	-21.99	-10.00	PASS
2397.5	-20.12	-10.00	PASS
2398.5	-20.39	-10.00	PASS
2399.5	-18.49	-10.00	PASS
2484	-46.45	-10.00	PASS
2485	-46.54	-10.00	PASS
2486	-47.12	-10.00	PASS
2487	-47.01	-10.00	PASS
2488	-47.12	-10.00	PASS
2489	-47.00	-10.00	PASS
2490	-46.62	-10.00	PASS
2491	-46.38	-10.00	PASS
2492	-47.20	-10.00	PASS
2493	-46.88	-10.00	PASS
2494	-47.13	-10.00	PASS
2495	-47.38	-10.00	PASS
2496	-47.06	-10.00	PASS
2497	-47.35	-10.00	PASS
2498	-47.58	-10.00	PASS
2499	-47.49	-10.00	PASS
2499.56	-47.12	-10.00	PASS
2500	-47.24	-10.00	PASS
2500.56	-47.12	-20.00	PASS
2501.56	-47.24	-20.00	PASS
2502.56	-46.83	-20.00	PASS
2503.56	-46.97	-20.00	PASS
2504.56	-47.05	-20.00	PASS
2505.56	-47.45	-20.00	PASS
2506.56	-47.70	-20.00	PASS
2507.56	-46.98	-20.00	PASS
2508.56	-47.01	-20.00	PASS

		2509.56	-47.35	-20.00	PASS
		2510.56	-47.64	-20.00	PASS
		2511.56	-47.44	-20.00	PASS
		2512.56	-47.46	-20.00	PASS
		2513.56	-46.62	-20.00	PASS
		2514.56	-47.27	-20.00	PASS
		2515.56	-47.34	-20.00	PASS
		2516.12	-47.99	-20.00	PASS
		2516.56	-47.08	-20.00	PASS
		2366.94	-48.72	-20.00	PASS
		2367.38	-48.54	-20.00	PASS
		2367.94	-47.92	-20.00	PASS
		2368.94	-48.82	-20.00	PASS
		2369.94	-48.21	-20.00	PASS
		2370.94	-47.48	-20.00	PASS
		2371.94	-48.09	-20.00	PASS
		2372.94	-48.85	-20.00	PASS
		2373.94	-47.79	-20.00	PASS
		2374.94	-48.24	-20.00	PASS
		2375.94	-48.74	-20.00	PASS
		2376.94	-48.11	-20.00	PASS
		2377.94	-48.46	-20.00	PASS
		2378.94	-48.16	-20.00	PASS
		2379.94	-48.77	-20.00	PASS
		2380.94	-48.45	-20.00	PASS
		2381.94	-48.50	-20.00	PASS
		2382.94	-48.08	-20.00	PASS
		2383.5	-48.45	-10.00	PASS
		2383.94	-47.97	-10.00	PASS
		2384.5	-48.18	-10.00	PASS
		2385.5	-48.15	-10.00	PASS
		2386.5	-47.45	-10.00	PASS
		2387.5	-47.90	-10.00	PASS
		2388.5	-47.74	-10.00	PASS
		2389.5	-47.75	-10.00	PASS
		2390.5	-47.90	-10.00	PASS
		2391.5	-47.15	-10.00	PASS
		2392.5	-47.18	-10.00	PASS
		2393.5	-47.69	-10.00	PASS
		2394.5	-47.98	-10.00	PASS
		2395.5	-47.50	-10.00	PASS
		2396.5	-48.08	-10.00	PASS
		2397.5	-47.23	-10.00	PASS
		2398.5	-47.50	-10.00	PASS
		2399.5	-47.58	-10.00	PASS
		2484	-20.47	-10.00	PASS
		2485	-21.14	-10.00	PASS
		2486	-21.95	-10.00	PASS
		2487	-24.07	-10.00	PASS
		2488	-24.81	-10.00	PASS
		2489	-24.50	-10.00	PASS
		2490	-27.47	-10.00	PASS
		2491	-28.33	-10.00	PASS
		2492	-28.76	-10.00	PASS
		2493	-33.12	-10.00	PASS
		2494	-34.03	-10.00	PASS
		2495	-34.47	-10.00	PASS
		2496	-36.23	-10.00	PASS
		2497	-36.55	-10.00	PASS
		2498	-35.72	-10.00	PASS
		2499	-36.73	-10.00	PASS

Ant1

2472

		2499.56	-35.85	-10.00	PASS
		2500	-36.53	-10.00	PASS
		2500.56	-36.90	-20.00	PASS
		2501.56	-37.12	-20.00	PASS
		2502.56	-36.89	-20.00	PASS
		2503.56	-37.36	-20.00	PASS
		2504.56	-37.39	-20.00	PASS
		2505.56	-37.33	-20.00	PASS
		2506.56	-37.58	-20.00	PASS
		2507.56	-38.12	-20.00	PASS
		2508.56	-38.00	-20.00	PASS
		2509.56	-38.50	-20.00	PASS
		2510.56	-38.42	-20.00	PASS
		2511.56	-37.26	-20.00	PASS
		2512.56	-39.01	-20.00	PASS
		2513.56	-38.77	-20.00	PASS
		2514.56	-38.87	-20.00	PASS
		2515.56	-39.20	-20.00	PASS
		2516.12	-38.58	-20.00	PASS
		2516.56	-38.48	-20.00	PASS
		2366.94	-48.12	-20.00	PASS
		2367.38	-48.29	-20.00	PASS
		2367.94	-48.23	-20.00	PASS
		2368.94	-48.15	-20.00	PASS
		2369.94	-48.21	-20.00	PASS
		2370.94	-48.01	-20.00	PASS
		2371.94	-48.30	-20.00	PASS
		2372.94	-48.38	-20.00	PASS
		2373.94	-48.12	-20.00	PASS
		2374.94	-48.33	-20.00	PASS
		2375.94	-48.19	-20.00	PASS
		2376.94	-48.01	-20.00	PASS
		2377.94	-48.13	-20.00	PASS
		2378.94	-47.95	-20.00	PASS
		2379.94	-48.06	-20.00	PASS
		2380.94	-47.47	-20.00	PASS
		2381.94	-48.15	-20.00	PASS
		2382.94	-48.20	-20.00	PASS
		2383.5	-47.83	-10.00	PASS
		2383.94	-48.17	-10.00	PASS
		2384.5	-46.96	-10.00	PASS
		2385.5	-47.86	-10.00	PASS
		2386.5	-47.78	-10.00	PASS
		2387.5	-47.23	-10.00	PASS
		2388.5	-47.21	-10.00	PASS
		2389.5	-47.67	-10.00	PASS
		2390.5	-47.67	-10.00	PASS
		2391.5	-47.31	-10.00	PASS
		2392.5	-47.59	-10.00	PASS
		2393.5	-47.54	-10.00	PASS
		2394.5	-47.45	-10.00	PASS
		2395.5	-47.19	-10.00	PASS
		2396.5	-46.99	-10.00	PASS
		2397.5	-47.44	-10.00	PASS
		2398.5	-46.47	-10.00	PASS
		2399.5	-47.05	-10.00	PASS
		2484	-17.10	-10.00	PASS
		2485	-19.00	-10.00	PASS
		2486	-21.19	-10.00	PASS
		2487	-20.79	-10.00	PASS
		2488	-22.83	-10.00	PASS

			2489	-24.37	-10.00	PASS
			2490	-26.04	-10.00	PASS
			2491	-24.86	-10.00	PASS
			2492	-27.92	-10.00	PASS
			2493	-29.54	-10.00	PASS
			2494	-31.06	-10.00	PASS
			2495	-34.36	-10.00	PASS
			2496	-35.01	-10.00	PASS
			2497	-35.50	-10.00	PASS
			2498	-35.99	-10.00	PASS
			2499	-35.59	-10.00	PASS
			2499.56	-35.44	-10.00	PASS
			2500	-35.77	-10.00	PASS
			2500.56	-36.05	-20.00	PASS
			2501.56	-35.93	-20.00	PASS
			2502.56	-36.23	-20.00	PASS
			2503.56	-36.65	-20.00	PASS
			2504.56	-36.15	-20.00	PASS
			2505.56	-35.63	-20.00	PASS
			2506.56	-36.73	-20.00	PASS
			2507.56	-37.44	-20.00	PASS
			2508.56	-37.09	-20.00	PASS
			2509.56	-37.11	-20.00	PASS
			2510.56	-37.28	-20.00	PASS
			2511.56	-37.57	-20.00	PASS
			2512.56	-37.81	-20.00	PASS
			2513.56	-37.82	-20.00	PASS
			2514.56	-38.12	-20.00	PASS
			2515.56	-38.32	-20.00	PASS
			2516.12	-38.48	-20.00	PASS
			2516.56	-37.32	-20.00	PASS
11N20MIMO	Ant1	2412	2364.82	-47.25	-25.01	PASS
			2365.14	-48.15	-25.01	PASS
			2365.82	-48.43	-25.01	PASS
			2366.82	-46.93	-25.01	PASS
			2367.82	-46.96	-25.01	PASS
			2368.82	-47.63	-25.01	PASS
			2369.82	-47.52	-25.01	PASS
			2370.82	-47.23	-25.01	PASS
			2371.82	-46.77	-25.01	PASS
			2372.82	-46.99	-25.01	PASS
			2373.82	-46.89	-25.01	PASS
			2374.82	-46.62	-25.01	PASS
			2375.82	-46.08	-25.01	PASS
			2376.82	-46.02	-25.01	PASS
			2377.82	-45.58	-25.01	PASS
			2378.82	-46.23	-25.01	PASS
			2379.82	-45.33	-25.01	PASS
			2380.82	-44.96	-25.01	PASS
			2381.82	-43.36	-25.01	PASS
			2382.5	-44.51	-15.01	PASS
			2382.82	-43.93	-15.01	PASS
			2383.5	-44.50	-15.01	PASS
			2384.5	-44.16	-15.01	PASS
			2385.5	-43.45	-15.01	PASS
			2386.5	-41.56	-15.01	PASS
			2387.5	-41.54	-15.01	PASS
			2388.5	-42.19	-15.01	PASS
			2389.5	-41.29	-15.01	PASS
			2390.5	-41.92	-15.01	PASS
			2391.5	-41.75	-15.01	PASS

		2392.5	-40.98	-15.01	PASS
		2393.5	-40.37	-15.01	PASS
		2394.5	-40.22	-15.01	PASS
		2395.5	-40.15	-15.01	PASS
		2396.5	-39.65	-15.01	PASS
		2397.5	-38.85	-15.01	PASS
		2398.5	-38.50	-15.01	PASS
		2399.5	-38.30	-15.01	PASS
		2484	-48.04	-15.01	PASS
		2485	-48.23	-15.01	PASS
		2486	-47.74	-15.01	PASS
		2487	-48.11	-15.01	PASS
		2488	-47.77	-15.01	PASS
		2489	-47.82	-15.01	PASS
		2490	-47.91	-15.01	PASS
		2491	-48.13	-15.01	PASS
		2492	-47.70	-15.01	PASS
		2493	-47.52	-15.01	PASS
		2494	-47.75	-15.01	PASS
		2495	-47.58	-15.01	PASS
		2496	-47.71	-15.01	PASS
		2497	-47.33	-15.01	PASS
		2498	-47.61	-15.01	PASS
		2499	-48.44	-15.01	PASS
		2500	-47.41	-15.01	PASS
		2500.68	-48.10	-15.01	PASS
		2501	-48.04	-15.01	PASS
		2501.68	-48.29	-25.01	PASS
		2502.68	-48.47	-25.01	PASS
		2503.68	-48.25	-25.01	PASS
		2504.68	-47.82	-25.01	PASS
		2505.68	-48.54	-25.01	PASS
		2506.68	-48.21	-25.01	PASS
		2507.68	-48.28	-25.01	PASS
		2508.68	-48.17	-25.01	PASS
		2509.68	-48.44	-25.01	PASS
		2510.68	-47.99	-25.01	PASS
		2511.68	-47.95	-25.01	PASS
		2512.68	-48.14	-25.01	PASS
		2513.68	-47.81	-25.01	PASS
		2514.68	-47.90	-25.01	PASS
		2515.68	-48.10	-25.01	PASS
		2516.68	-48.14	-25.01	PASS
		2517.68	-43.48	-25.01	PASS
		2518.36	-43.61	-25.01	PASS
		2518.68	-44.80	-25.01	PASS
		2364.82	-47.66	-25.01	PASS
		2365.14	-47.97	-25.01	PASS
		2365.82	-47.73	-25.01	PASS
		2366.82	-47.21	-25.01	PASS
		2367.82	-46.30	-25.01	PASS
		2368.82	-46.67	-25.01	PASS
		2369.82	-45.88	-25.01	PASS
		2370.82	-46.94	-25.01	PASS
		2371.82	-46.53	-25.01	PASS
		2372.82	-45.89	-25.01	PASS
		2373.82	-44.38	-25.01	PASS
		2374.82	-45.95	-25.01	PASS
		2375.82	-45.82	-25.01	PASS
		2376.82	-44.59	-25.01	PASS
		2377.82	-45.39	-25.01	PASS
	Ant2	2412			

2378.82	-43.91	-25.01	PASS
2379.82	-44.39	-25.01	PASS
2380.82	-44.00	-25.01	PASS
2381.82	-43.10	-25.01	PASS
2382.5	-43.27	-15.01	PASS
2382.82	-43.08	-15.01	PASS
2383.5	-43.73	-15.01	PASS
2384.5	-43.20	-15.01	PASS
2385.5	-41.56	-15.01	PASS
2386.5	-41.56	-15.01	PASS
2387.5	-41.63	-15.01	PASS
2388.5	-40.48	-15.01	PASS
2389.5	-41.10	-15.01	PASS
2390.5	-41.05	-15.01	PASS
2391.5	-40.45	-15.01	PASS
2392.5	-40.57	-15.01	PASS
2393.5	-38.15	-15.01	PASS
2394.5	-38.96	-15.01	PASS
2395.5	-39.53	-15.01	PASS
2396.5	-39.04	-15.01	PASS
2397.5	-36.38	-15.01	PASS
2398.5	-35.83	-15.01	PASS
2399.5	-37.86	-15.01	PASS
2484	-48.55	-15.01	PASS
2485	-48.70	-15.01	PASS
2486	-48.58	-15.01	PASS
2487	-48.76	-15.01	PASS
2488	-48.84	-15.01	PASS
2489	-48.62	-15.01	PASS
2490	-47.91	-15.01	PASS
2491	-48.15	-15.01	PASS
2492	-48.26	-15.01	PASS
2493	-48.52	-15.01	PASS
2494	-48.43	-15.01	PASS
2495	-48.38	-15.01	PASS
2496	-48.39	-15.01	PASS
2497	-48.51	-15.01	PASS
2498	-48.64	-15.01	PASS
2499	-48.44	-15.01	PASS
2500	-48.07	-15.01	PASS
2500.68	-48.35	-15.01	PASS
2501	-48.52	-15.01	PASS
2501.68	-48.44	-25.01	PASS
2502.68	-47.90	-25.01	PASS
2503.68	-48.41	-25.01	PASS
2504.68	-48.60	-25.01	PASS
2505.68	-48.77	-25.01	PASS
2506.68	-48.15	-25.01	PASS
2507.68	-48.44	-25.01	PASS
2508.68	-47.69	-25.01	PASS
2509.68	-48.06	-25.01	PASS
2510.68	-47.63	-25.01	PASS
2511.68	-48.35	-25.01	PASS
2512.68	-48.45	-25.01	PASS
2513.68	-48.48	-25.01	PASS
2514.68	-48.47	-25.01	PASS
2515.68	-48.63	-25.01	PASS
2516.68	-47.78	-25.01	PASS
2517.68	-48.29	-25.01	PASS
2518.36	-48.33	-25.01	PASS
2518.68	-48.32	-25.01	PASS

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			2365.14	-48.28	-25.01	PASS
			2365.82	-48.34	-25.01	PASS
			2366.82	-48.96	-25.01	PASS
			2367.82	-49.20	-25.01	PASS
			2368.82	-48.80	-25.01	PASS
			2369.82	-49.00	-25.01	PASS
			2370.82	-48.67	-25.01	PASS
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			2373.82	-48.48	-25.01	PASS
			2374.82	-48.96	-25.01	PASS
			2375.82	-48.81	-25.01	PASS
			2376.82	-48.28	-25.01	PASS
			2377.82	-48.50	-25.01	PASS
			2378.82	-48.67	-25.01	PASS
			2379.82	-48.83	-25.01	PASS
			2380.82	-48.75	-25.01	PASS
			2381.82	-48.79	-25.01	PASS
			2382.5	-48.49	-15.01	PASS
			2382.82	-48.82	-15.01	PASS
			2383.5	-48.72	-15.01	PASS
			2384.5	-48.89	-15.01	PASS
			2385.5	-48.70	-15.01	PASS
			2386.5	-48.35	-15.01	PASS
			2387.5	-48.50	-15.01	PASS
			2388.5	-48.60	-15.01	PASS
			2389.5	-48.71	-15.01	PASS
			2390.5	-48.80	-15.01	PASS
			2391.5	-48.55	-15.01	PASS
			2392.5	-48.60	-15.01	PASS
			2393.5	-48.30	-15.01	PASS
			2394.5	-48.68	-15.01	PASS
			2395.5	-48.90	-15.01	PASS
			2396.5	-48.78	-15.01	PASS
			2397.5	-48.75	-15.01	PASS
			2398.5	-48.62	-15.01	PASS
			2399.5	-48.60	-15.01	PASS
			2484	-34.35	-15.01	PASS
			2485	-36.11	-15.01	PASS
			2486	-36.61	-15.01	PASS
			2487	-36.35	-15.01	PASS
			2488	-37.71	-15.01	PASS
			2489	-37.95	-15.01	PASS
			2490	-37.82	-15.01	PASS
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			2492	-38.59	-15.01	PASS
			2493	-40.93	-15.01	PASS
			2494	-40.54	-15.01	PASS
			2495	-42.46	-15.01	PASS
			2496	-42.00	-15.01	PASS
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			2501.68	-44.22	-25.01	PASS
			2502.68	-42.91	-25.01	PASS
			2503.68	-43.50	-25.01	PASS
			2504.68	-43.85	-25.01	PASS

Ant1

2472

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		2506.68	-44.42	-25.01	PASS
		2507.68	-45.29	-25.01	PASS
		2508.68	-44.58	-25.01	PASS
		2509.68	-45.63	-25.01	PASS
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		2512.68	-45.30	-25.01	PASS
		2513.68	-46.04	-25.01	PASS
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		2516.68	-45.97	-25.01	PASS
		2517.68	-45.45	-25.01	PASS
		2518.36	-44.20	-25.01	PASS
		2518.68	-46.36	-25.01	PASS
		2364.82	-49.03	-25.01	PASS
		2365.14	-49.17	-25.01	PASS
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		2366.82	-49.15	-25.01	PASS
		2367.82	-49.05	-25.01	PASS
		2368.82	-49.46	-25.01	PASS
		2369.82	-48.85	-25.01	PASS
		2370.82	-48.67	-25.01	PASS
		2371.82	-48.43	-25.01	PASS
		2372.82	-48.93	-25.01	PASS
		2373.82	-49.09	-25.01	PASS
		2374.82	-48.74	-25.01	PASS
		2375.82	-48.51	-25.01	PASS
		2376.82	-48.78	-25.01	PASS
		2377.82	-49.05	-25.01	PASS
		2378.82	-49.15	-25.01	PASS
		2379.82	-49.35	-25.01	PASS
		2380.82	-48.61	-25.01	PASS
		2381.82	-48.85	-25.01	PASS
		2382.5	-48.95	-15.01	PASS
		2382.82	-48.78	-15.01	PASS
		2383.5	-49.02	-15.01	PASS
		2384.5	-49.15	-15.01	PASS
		2385.5	-49.00	-15.01	PASS
		2386.5	-48.86	-15.01	PASS
		2387.5	-49.03	-15.01	PASS
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		2389.5	-48.90	-15.01	PASS
		2390.5	-48.17	-15.01	PASS
		2391.5	-48.75	-15.01	PASS
		2392.5	-48.79	-15.01	PASS
		2393.5	-48.97	-15.01	PASS
		2394.5	-48.93	-15.01	PASS
		2395.5	-48.43	-15.01	PASS
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		2490	-37.06	-15.01	PASS
		2491	-38.34	-15.01	PASS

			2492	-38.55	-15.01	PASS
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			2494	-39.09	-15.01	PASS
			2495	-38.72	-15.01	PASS
			2496	-39.63	-15.01	PASS
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			2498	-40.45	-15.01	PASS
			2499	-42.43	-15.01	PASS
			2500	-41.23	-15.01	PASS
			2500.68	-42.25	-15.01	PASS
			2501	-41.18	-15.01	PASS
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			2504.68	-43.14	-25.01	PASS
			2505.68	-43.71	-25.01	PASS
			2506.68	-43.20	-25.01	PASS
			2507.68	-43.56	-25.01	PASS
			2508.68	-43.06	-25.01	PASS
			2509.68	-44.30	-25.01	PASS
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			2513.68	-42.43	-25.01	PASS
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			2516.68	-45.67	-25.01	PASS
			2517.68	-45.33	-25.01	PASS
			2518.36	-45.32	-25.01	PASS
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11N40MIMO	Ant1	2422	2328.18	-39.85	-25.01	PASS
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			2330.34	-39.70	-25.01	PASS
			2331.34	-39.28	-25.01	PASS
			2332.34	-40.08	-25.01	PASS
			2333.34	-39.55	-25.01	PASS
			2334.34	-39.85	-25.01	PASS
			2335.34	-39.94	-25.01	PASS
			2336.34	-39.92	-25.01	PASS
			2337.34	-39.86	-25.01	PASS
			2338.34	-39.72	-25.01	PASS
			2339.34	-39.37	-25.01	PASS
			2340.34	-39.76	-25.01	PASS
			2341.34	-39.70	-25.01	PASS
			2342.34	-39.56	-25.01	PASS
			2343.34	-39.73	-25.01	PASS
			2344.34	-39.30	-25.01	PASS
			2345.34	-39.64	-25.01	PASS
			2346.34	-39.72	-25.01	PASS
			2347.34	-40.01	-25.01	PASS
			2348.34	-39.41	-25.01	PASS
			2349.34	-39.45	-25.01	PASS
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			2356.34	-39.68	-25.01	PASS
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2362.34	-39.49	-25.01	PASS
2363.34	-39.33	-25.01	PASS
2364.34	-39.32	-15.01	PASS
2364.5	-39.34	-15.01	PASS
2365.5	-39.46	-15.01	PASS
2366.5	-39.31	-15.01	PASS
2367.5	-39.59	-15.01	PASS
2368.5	-39.10	-15.01	PASS
2369.5	-39.57	-15.01	PASS
2370.5	-39.43	-15.01	PASS
2371.5	-39.12	-15.01	PASS
2372.5	-39.18	-15.01	PASS
2373.5	-38.62	-15.01	PASS
2374.5	-39.17	-15.01	PASS
2375.5	-38.28	-15.01	PASS
2376.5	-39.09	-15.01	PASS
2377.5	-38.73	-15.01	PASS
2378.5	-38.87	-15.01	PASS
2379.5	-38.19	-15.01	PASS
2380.5	-38.46	-15.01	PASS
2381.5	-37.94	-15.01	PASS
2382.5	-38.07	-15.01	PASS
2383.5	-37.80	-15.01	PASS
2384.5	-36.69	-15.01	PASS
2385.5	-37.78	-15.01	PASS
2386.5	-36.85	-15.01	PASS
2387.5	-36.97	-15.01	PASS
2388.5	-36.30	-15.01	PASS
2389.5	-36.65	-15.01	PASS
2390.5	-37.31	-15.01	PASS
2391.5	-36.94	-15.01	PASS
2392.5	-35.88	-15.01	PASS
2393.5	-35.84	-15.01	PASS
2394.5	-36.77	-15.01	PASS
2395.5	-36.04	-15.01	PASS
2396.5	-36.04	-15.01	PASS
2397.5	-35.97	-15.01	PASS
2398.5	-34.20	-15.01	PASS
2399.5	-34.36	-15.01	PASS
2484	-39.52	-15.01	PASS
2485	-39.23	-15.01	PASS
2486	-38.49	-15.01	PASS
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2497	-39.05	-15.01	PASS
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2500	-38.47	-15.01	PASS
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		2502	-39.18	-15.01	PASS
		2503	-39.18	-15.01	PASS
		2504	-38.96	-15.01	PASS
		2505	-39.06	-15.01	PASS
		2506	-39.21	-15.01	PASS
		2507	-39.08	-15.01	PASS
		2508	-39.26	-15.01	PASS
		2509	-38.89	-15.01	PASS
		2510	-38.93	-15.01	PASS
		2511	-38.86	-15.01	PASS
		2512	-38.90	-15.01	PASS
		2513	-39.14	-15.01	PASS
		2514	-39.32	-15.01	PASS
		2515	-38.71	-15.01	PASS
		2516	-38.46	-15.01	PASS
		2517	-39.33	-15.01	PASS
		2518	-39.06	-15.01	PASS
		2519	-39.17	-15.01	PASS
		2519.16	-39.17	-15.01	PASS
		2520.16	-39.26	-25.01	PASS
		2521.16	-39.10	-25.01	PASS
		2522.16	-39.34	-25.01	PASS
		2523.16	-39.12	-25.01	PASS
		2524.16	-39.10	-25.01	PASS
		2525.16	-38.98	-25.01	PASS
		2526.16	-38.91	-25.01	PASS
		2527.16	-39.23	-25.01	PASS
		2528.16	-38.43	-25.01	PASS
		2529.16	-39.15	-25.01	PASS
		2530.16	-38.92	-25.01	PASS
		2531.16	-38.63	-25.01	PASS
		2532.16	-38.95	-25.01	PASS
		2533.16	-39.25	-25.01	PASS
		2534.16	-39.07	-25.01	PASS
		2535.16	-38.81	-25.01	PASS
		2536.16	-38.95	-25.01	PASS
		2537.16	-38.87	-25.01	PASS
		2538.16	-39.03	-25.01	PASS
		2539.16	-38.80	-25.01	PASS
		2540.16	-38.89	-25.01	PASS
		2541.16	-39.09	-25.01	PASS
		2542.16	-39.32	-25.01	PASS
		2543.16	-38.60	-25.01	PASS
		2544.16	-38.99	-25.01	PASS
		2545.16	-38.57	-25.01	PASS
		2546.16	-39.10	-25.01	PASS
		2547.16	-38.72	-25.01	PASS
		2548.16	-38.44	-25.01	PASS
		2549.16	-39.26	-25.01	PASS
		2550.16	-38.68	-25.01	PASS
		2551.16	-39.03	-25.01	PASS
		2552.16	-38.91	-25.01	PASS
		2553.16	-38.60	-25.01	PASS
		2554.16	-39.07	-25.01	PASS
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		2328.34	-40.14	-25.01	PASS
	Ant2	2422	2329.34	-40.00	PASS
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2333.34	-39.65	-25.01	PASS
2334.34	-40.00	-25.01	PASS
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2344.34	-39.86	-25.01	PASS
2345.34	-39.92	-25.01	PASS
2346.34	-39.97	-25.01	PASS
2347.34	-39.71	-25.01	PASS
2348.34	-39.88	-25.01	PASS
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2359.34	-39.71	-25.01	PASS
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2362.34	-39.72	-25.01	PASS
2363.34	-39.06	-25.01	PASS
2364.34	-39.37	-15.01	PASS
2364.5	-39.49	-15.01	PASS
2365.5	-39.09	-15.01	PASS
2366.5	-39.34	-15.01	PASS
2367.5	-38.79	-15.01	PASS
2368.5	-39.03	-15.01	PASS
2369.5	-39.01	-15.01	PASS
2370.5	-38.92	-15.01	PASS
2371.5	-39.25	-15.01	PASS
2372.5	-38.99	-15.01	PASS
2373.5	-38.62	-15.01	PASS
2374.5	-38.65	-15.01	PASS
2375.5	-38.97	-15.01	PASS
2376.5	-38.61	-15.01	PASS
2377.5	-39.10	-15.01	PASS
2378.5	-38.70	-15.01	PASS
2379.5	-38.31	-15.01	PASS
2380.5	-38.71	-15.01	PASS
2381.5	-39.01	-15.01	PASS
2382.5	-38.92	-15.01	PASS
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2384.5	-38.16	-15.01	PASS
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2387.5	-38.36	-15.01	PASS
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2391.5	-38.80	-15.01	PASS

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2500	-39.30	-15.01	PASS
2501	-39.24	-15.01	PASS
2502	-38.93	-15.01	PASS
2503	-39.01	-15.01	PASS
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2505	-38.84	-15.01	PASS
2506	-39.36	-15.01	PASS
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2509	-38.99	-15.01	PASS
2510	-38.89	-15.01	PASS
2511	-39.23	-15.01	PASS
2512	-39.10	-15.01	PASS
2513	-38.86	-15.01	PASS
2514	-39.24	-15.01	PASS
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2518	-39.28	-15.01	PASS
2519	-38.90	-15.01	PASS
2519.16	-39.35	-15.01	PASS
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2522.16	-38.96	-25.01	PASS
2523.16	-39.10	-25.01	PASS
2524.16	-39.16	-25.01	PASS
2525.16	-39.37	-25.01	PASS
2526.16	-39.11	-25.01	PASS
2527.16	-39.03	-25.01	PASS
2528.16	-38.66	-25.01	PASS
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2531.16	-39.30	-25.01	PASS
2532.16	-38.80	-25.01	PASS
2533.16	-38.86	-25.01	PASS
2534.16	-38.74	-25.01	PASS
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		2539.16	-38.75	-25.01	PASS
		2540.16	-39.17	-25.01	PASS
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		2542.16	-39.29	-25.01	PASS
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		2544.16	-38.81	-25.01	PASS
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		2551.16	-38.97	-25.01	PASS
		2552.16	-38.25	-25.01	PASS
		2553.16	-39.04	-25.01	PASS
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		2555.32	-38.61	-25.01	PASS
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		2330.34	-40.08	-25.01	PASS
		2331.34	-40.09	-25.01	PASS
		2332.34	-38.92	-25.01	PASS
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		2347.34	-39.66	-25.01	PASS
		2348.34	-39.72	-25.01	PASS
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		2353.34	-39.76	-25.01	PASS
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		2356.34	-39.86	-25.01	PASS
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2392.5	-39.54	-15.01	PASS
2393.5	-39.60	-15.01	PASS
2394.5	-39.61	-15.01	PASS
2395.5	-39.10	-15.01	PASS
2396.5	-39.02	-15.01	PASS
2397.5	-38.94	-15.01	PASS
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2506	-38.13	-15.01	PASS
2507	-38.60	-15.01	PASS
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		2518	-38.78	-15.01	PASS
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		2534.16	-39.25	-25.01	PASS
		2535.16	-38.83	-25.01	PASS
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		2537.16	-38.56	-25.01	PASS
		2538.16	-39.23	-25.01	PASS
		2539.16	-38.74	-25.01	PASS
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		2545.16	-38.69	-25.01	PASS
		2546.16	-38.70	-25.01	PASS
		2547.16	-39.18	-25.01	PASS
		2548.16	-38.78	-25.01	PASS
		2549.16	-39.08	-25.01	PASS
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		2551.16	-38.89	-25.01	PASS
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		2554.16	-38.80	-25.01	PASS
		2555.16	-38.71	-25.01	PASS
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		2331.34	-39.80	-25.01	PASS
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		2334.34	-39.78	-25.01	PASS
		2335.34	-39.32	-25.01	PASS
		2336.34	-40.22	-25.01	PASS
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		2338.34	-39.73	-25.01	PASS
		2339.34	-39.84	-25.01	PASS
		2340.34	-40.04	-25.01	PASS
	Ant2	2462			

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2363.34	-39.81	-25.01	PASS
2364.34	-39.64	-15.01	PASS
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2367.5	-39.61	-15.01	PASS
2368.5	-40.05	-15.01	PASS
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2371.5	-39.80	-15.01	PASS
2372.5	-39.72	-15.01	PASS
2373.5	-39.58	-15.01	PASS
2374.5	-39.55	-15.01	PASS
2375.5	-39.61	-15.01	PASS
2376.5	-39.53	-15.01	PASS
2377.5	-39.80	-15.01	PASS
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2380.5	-39.32	-15.01	PASS
2381.5	-39.65	-15.01	PASS
2382.5	-40.05	-15.01	PASS
2383.5	-39.55	-15.01	PASS
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2385.5	-39.69	-15.01	PASS
2386.5	-39.54	-15.01	PASS
2387.5	-39.31	-15.01	PASS
2388.5	-39.81	-15.01	PASS
2389.5	-39.67	-15.01	PASS
2390.5	-39.36	-15.01	PASS
2391.5	-39.56	-15.01	PASS
2392.5	-39.48	-15.01	PASS
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2394.5	-39.68	-15.01	PASS
2395.5	-39.66	-15.01	PASS
2396.5	-39.59	-15.01	PASS
2397.5	-39.08	-15.01	PASS
2398.5	-39.49	-15.01	PASS
2399.5	-38.96	-15.01	PASS
2484	-37.27	-15.01	PASS

2485	-37.98	-15.01	PASS
2486	-37.76	-15.01	PASS
2487	-37.68	-15.01	PASS
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2489	-37.87	-15.01	PASS
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2492	-38.15	-15.01	PASS
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2494	-37.60	-15.01	PASS
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2507	-38.43	-15.01	PASS
2508	-38.42	-15.01	PASS
2509	-38.07	-15.01	PASS
2510	-38.53	-15.01	PASS
2511	-37.91	-15.01	PASS
2512	-37.74	-15.01	PASS
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2514	-38.58	-15.01	PASS
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2518	-38.33	-15.01	PASS
2519	-38.34	-15.01	PASS
2519.16	-38.39	-15.01	PASS
2520.16	-38.78	-25.01	PASS
2521.16	-38.65	-25.01	PASS
2522.16	-39.06	-25.01	PASS
2523.16	-38.74	-25.01	PASS
2524.16	-38.41	-25.01	PASS
2525.16	-38.86	-25.01	PASS
2526.16	-38.86	-25.01	PASS
2527.16	-39.11	-25.01	PASS
2528.16	-38.83	-25.01	PASS
2529.16	-38.91	-25.01	PASS
2530.16	-39.31	-25.01	PASS
2531.16	-38.49	-25.01	PASS
2532.16	-38.69	-25.01	PASS
2533.16	-39.30	-25.01	PASS
2534.16	-38.70	-25.01	PASS
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2537.16	-38.81	-25.01	PASS
2538.16	-38.81	-25.01	PASS
2539.16	-39.03	-25.01	PASS
2540.16	-38.93	-25.01	PASS
2541.16	-39.09	-25.01	PASS
2542.16	-39.36	-25.01	PASS
2543.16	-38.95	-25.01	PASS
2544.16	-39.21	-25.01	PASS

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			2547.16	-39.06	-25.01	PASS
			2548.16	-38.87	-25.01	PASS
			2549.16	-39.14	-25.01	PASS
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			2552.16	-38.89	-25.01	PASS
			2553.16	-39.13	-25.01	PASS
			2554.16	-38.62	-25.01	PASS
			2555.16	-38.68	-25.01	PASS
			2555.32	-38.72	-25.01	PASS
11AX20MIMO	Ant1	2412	2362.62	-47.74	-25.01	PASS
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			2365.62	-47.21	-25.01	PASS
			2366.62	-47.31	-25.01	PASS
			2367.62	-46.90	-25.01	PASS
			2368.62	-45.64	-25.01	PASS
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			2370.62	-46.05	-25.01	PASS
			2371.62	-44.68	-25.01	PASS
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			2373.62	-45.68	-25.01	PASS
			2374.62	-45.42	-25.01	PASS
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			2376.62	-45.68	-25.01	PASS
			2377.62	-44.63	-25.01	PASS
			2378.62	-44.52	-25.01	PASS
			2379.62	-45.12	-25.01	PASS
			2380.62	-44.11	-25.01	PASS
			2381.5	-44.67	-15.01	PASS
			2381.62	-44.69	-15.01	PASS
			2382.5	-42.72	-15.01	PASS
			2383.5	-44.59	-15.01	PASS
			2384.5	-42.90	-15.01	PASS
			2385.5	-44.15	-15.01	PASS
			2386.5	-43.56	-15.01	PASS
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			2391.5	-41.60	-15.01	PASS
			2392.5	-40.67	-15.01	PASS
			2393.5	-39.85	-15.01	PASS
			2394.5	-40.71	-15.01	PASS
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			2396.5	-39.96	-15.01	PASS
			2397.5	-38.82	-15.01	PASS
			2398.5	-38.34	-15.01	PASS
			2399.5	-36.96	-15.01	PASS
			2484	-48.35	-15.01	PASS
			2485	-48.28	-15.01	PASS
2486	-48.13	-15.01	PASS			
2487	-48.56	-15.01	PASS			
2488	-47.67	-15.01	PASS			
2489	-48.35	-15.01	PASS			
2490	-48.16	-15.01	PASS			
2491	-48.27	-15.01	PASS			
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		2493	-47.92	-15.01	PASS	
		2494	-48.06	-15.01	PASS	
		2495	-48.01	-15.01	PASS	
		2496	-48.42	-15.01	PASS	
		2497	-48.31	-15.01	PASS	
		2498	-48.63	-15.01	PASS	
		2499	-48.28	-15.01	PASS	
		2500	-47.90	-15.01	PASS	
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		2501.88	-48.06	-15.01	PASS	
		2502	-48.37	-15.01	PASS	
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		2512.88	-48.15	-25.01	PASS	
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		2515.88	-48.21	-25.01	PASS	
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		2517.88	-48.01	-25.01	PASS	
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		2519.88	-47.97	-25.01	PASS	
		2520.76	-48.12	-25.01	PASS	
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	Ant2	2412	2362.58	-48.21	-25.01	PASS
			2362.66	-48.02	-25.01	PASS
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			2364.58	-46.66	-25.01	PASS
			2365.58	-46.69	-25.01	PASS
			2366.58	-46.62	-25.01	PASS
			2367.58	-47.25	-25.01	PASS
			2368.58	-46.47	-25.01	PASS
			2369.58	-46.71	-25.01	PASS
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			2380.58	-44.07	-25.01	PASS
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			2369.5	-38.49	-15.01	PASS
			2370.5	-38.87	-15.01	PASS
			2371.5	-37.84	-15.01	PASS
			2372.5	-37.43	-15.01	PASS
			2373.5	-37.57	-15.01	PASS
			2374.5	-38.42	-15.01	PASS
			2375.5	-38.60	-15.01	PASS
			2376.5	-38.76	-15.01	PASS
			2377.5	-38.49	-15.01	PASS
			2378.5	-38.30	-15.01	PASS
			2379.5	-38.83	-15.01	PASS
			2380.5	-38.86	-15.01	PASS
			2381.5	-37.76	-15.01	PASS
			2382.5	-37.86	-15.01	PASS

Ant2

2422

2383.5	-37.76	-15.01	PASS
2384.5	-38.18	-15.01	PASS
2385.5	-37.08	-15.01	PASS
2386.5	-37.04	-15.01	PASS
2387.5	-38.27	-15.01	PASS
2388.5	-36.53	-15.01	PASS
2389.5	-35.45	-15.01	PASS
2390.5	-35.76	-15.01	PASS
2391.5	-31.84	-15.01	PASS
2392.5	-33.39	-15.01	PASS
2393.5	-35.91	-15.01	PASS
2394.5	-35.08	-15.01	PASS
2395.5	-34.69	-15.01	PASS
2396.5	-34.37	-15.01	PASS
2397.5	-33.09	-15.01	PASS
2398.5	-30.15	-15.01	PASS
2399.5	-30.28	-15.01	PASS
2484	-38.81	-15.01	PASS
2485	-38.49	-15.01	PASS
2486	-38.86	-15.01	PASS
2487	-38.65	-15.01	PASS
2488	-38.83	-15.01	PASS
2489	-39.15	-15.01	PASS
2490	-38.90	-15.01	PASS
2491	-39.13	-15.01	PASS
2492	-38.73	-15.01	PASS
2493	-39.10	-15.01	PASS
2494	-39.30	-15.01	PASS
2495	-38.90	-15.01	PASS
2496	-38.89	-15.01	PASS
2497	-38.98	-15.01	PASS
2498	-39.26	-15.01	PASS
2499	-38.85	-15.01	PASS
2500	-38.80	-15.01	PASS
2501	-39.53	-15.01	PASS
2502	-39.45	-15.01	PASS
2503	-38.90	-15.01	PASS
2504	-38.42	-15.01	PASS
2505	-39.15	-15.01	PASS
2506	-39.57	-15.01	PASS
2507	-38.79	-15.01	PASS
2508	-38.96	-15.01	PASS
2509	-39.14	-15.01	PASS
2510	-39.37	-15.01	PASS
2511	-39.22	-15.01	PASS
2512	-39.03	-15.01	PASS
2513	-39.01	-15.01	PASS
2514	-39.01	-15.01	PASS
2515	-38.86	-15.01	PASS
2516	-39.37	-15.01	PASS
2517	-39.12	-15.01	PASS
2518	-38.71	-15.01	PASS
2519	-39.21	-15.01	PASS
2520	-39.30	-15.01	PASS
2520.68	-39.15	-15.01	PASS
2521	-39.20	-15.01	PASS
2521.68	-38.49	-25.01	PASS
2522.68	-39.29	-25.01	PASS
2523.68	-39.11	-25.01	PASS
2524.68	-38.96	-25.01	PASS
2525.68	-39.32	-25.01	PASS

		2526.68	-39.04	-25.01	PASS
		2527.68	-39.22	-25.01	PASS
		2528.68	-38.85	-25.01	PASS
		2529.68	-38.81	-25.01	PASS
		2530.68	-39.18	-25.01	PASS
		2531.68	-39.12	-25.01	PASS
		2532.68	-38.71	-25.01	PASS
		2533.68	-39.23	-25.01	PASS
		2534.68	-38.99	-25.01	PASS
		2535.68	-39.35	-25.01	PASS
		2536.68	-38.72	-25.01	PASS
		2537.68	-39.18	-25.01	PASS
		2538.68	-39.04	-25.01	PASS
		2539.68	-39.01	-25.01	PASS
		2540.68	-38.93	-25.01	PASS
		2541.68	-38.91	-25.01	PASS
		2542.68	-39.28	-25.01	PASS
		2543.68	-38.90	-25.01	PASS
		2544.68	-39.27	-25.01	PASS
		2545.68	-39.17	-25.01	PASS
		2546.68	-39.14	-25.01	PASS
		2547.68	-39.09	-25.01	PASS
		2548.68	-38.58	-25.01	PASS
		2549.68	-38.84	-25.01	PASS
		2550.68	-39.18	-25.01	PASS
		2551.68	-38.83	-25.01	PASS
		2552.68	-39.06	-25.01	PASS
		2553.68	-38.91	-25.01	PASS
		2554.68	-38.48	-25.01	PASS
		2555.68	-38.65	-25.01	PASS
		2556.68	-38.65	-25.01	PASS
		2557.68	-38.93	-25.01	PASS
		2558.36	-38.91	-25.01	PASS
		2558.68	-38.76	-25.01	PASS
		2324.82	-39.91	-25.01	PASS
		2325.14	-40.21	-25.01	PASS
		2325.82	-40.14	-25.01	PASS
		2326.82	-39.86	-25.01	PASS
		2327.82	-40.23	-25.01	PASS
		2328.82	-40.22	-25.01	PASS
		2329.82	-40.26	-25.01	PASS
		2330.82	-39.71	-25.01	PASS
		2331.82	-39.07	-25.01	PASS
		2332.82	-39.82	-25.01	PASS
		2333.82	-39.62	-25.01	PASS
		2334.82	-39.82	-25.01	PASS
		2335.82	-39.50	-25.01	PASS
		2336.82	-39.64	-25.01	PASS
		2337.82	-39.94	-25.01	PASS
		2338.82	-39.97	-25.01	PASS
		2339.82	-40.06	-25.01	PASS
		2340.82	-40.06	-25.01	PASS
		2341.82	-39.94	-25.01	PASS
		2342.82	-39.71	-25.01	PASS
		2343.82	-39.85	-25.01	PASS
		2344.82	-40.17	-25.01	PASS
		2345.82	-39.62	-25.01	PASS
		2346.82	-39.98	-25.01	PASS
		2347.82	-39.18	-25.01	PASS
		2348.82	-39.95	-25.01	PASS
		2349.82	-39.50	-25.01	PASS
	Ant1	2462			

2350.82	-39.33	-25.01	PASS
2351.82	-39.53	-25.01	PASS
2352.82	-39.83	-25.01	PASS
2353.82	-39.65	-25.01	PASS
2354.82	-39.51	-25.01	PASS
2355.82	-39.44	-25.01	PASS
2356.82	-39.59	-25.01	PASS
2357.82	-39.41	-25.01	PASS
2358.82	-39.99	-25.01	PASS
2359.82	-39.65	-25.01	PASS
2360.82	-40.07	-25.01	PASS
2361.82	-39.33	-25.01	PASS
2362.5	-39.45	-15.01	PASS
2362.82	-39.96	-15.01	PASS
2363.5	-40.15	-15.01	PASS
2364.5	-39.44	-15.01	PASS
2365.5	-39.75	-15.01	PASS
2366.5	-39.62	-15.01	PASS
2367.5	-39.78	-15.01	PASS
2368.5	-39.61	-15.01	PASS
2369.5	-39.79	-15.01	PASS
2370.5	-39.33	-15.01	PASS
2371.5	-39.83	-15.01	PASS
2372.5	-39.29	-15.01	PASS
2373.5	-39.72	-15.01	PASS
2374.5	-39.80	-15.01	PASS
2375.5	-39.49	-15.01	PASS
2376.5	-39.72	-15.01	PASS
2377.5	-39.67	-15.01	PASS
2378.5	-39.31	-15.01	PASS
2379.5	-38.93	-15.01	PASS
2380.5	-39.71	-15.01	PASS
2381.5	-39.84	-15.01	PASS
2382.5	-39.52	-15.01	PASS
2383.5	-39.82	-15.01	PASS
2384.5	-39.16	-15.01	PASS
2385.5	-39.43	-15.01	PASS
2386.5	-39.19	-15.01	PASS
2387.5	-39.45	-15.01	PASS
2388.5	-39.43	-15.01	PASS
2389.5	-39.31	-15.01	PASS
2390.5	-39.53	-15.01	PASS
2391.5	-39.42	-15.01	PASS
2392.5	-39.50	-15.01	PASS
2393.5	-39.44	-15.01	PASS
2394.5	-39.24	-15.01	PASS
2395.5	-39.60	-15.01	PASS
2396.5	-39.27	-15.01	PASS
2397.5	-38.82	-15.01	PASS
2398.5	-39.23	-15.01	PASS
2399.5	-39.70	-15.01	PASS
2484	-37.76	-15.01	PASS
2485	-35.52	-15.01	PASS
2486	-36.94	-15.01	PASS
2487	-37.37	-15.01	PASS
2488	-37.80	-15.01	PASS
2489	-37.96	-15.01	PASS
2490	-38.06	-15.01	PASS
2491	-38.26	-15.01	PASS
2492	-37.85	-15.01	PASS
2493	-38.49	-15.01	PASS

2494	-38.39	-15.01	PASS
2495	-38.54	-15.01	PASS
2496	-38.08	-15.01	PASS
2497	-38.42	-15.01	PASS
2498	-37.53	-15.01	PASS
2499	-38.21	-15.01	PASS
2500	-38.36	-15.01	PASS
2501	-37.92	-15.01	PASS
2502	-38.46	-15.01	PASS
2503	-38.22	-15.01	PASS
2504	-38.11	-15.01	PASS
2505	-38.00	-15.01	PASS
2506	-37.89	-15.01	PASS
2507	-38.34	-15.01	PASS
2508	-38.74	-15.01	PASS
2509	-37.98	-15.01	PASS
2510	-38.67	-15.01	PASS
2511	-38.33	-15.01	PASS
2512	-38.04	-15.01	PASS
2513	-38.12	-15.01	PASS
2514	-38.51	-15.01	PASS
2515	-38.53	-15.01	PASS
2516	-38.65	-15.01	PASS
2517	-38.57	-15.01	PASS
2518	-38.96	-15.01	PASS
2519	-38.95	-15.01	PASS
2520	-38.80	-15.01	PASS
2520.68	-39.11	-15.01	PASS
2521	-39.00	-15.01	PASS
2521.68	-39.03	-25.01	PASS
2522.68	-38.93	-25.01	PASS
2523.68	-38.86	-25.01	PASS
2524.68	-38.86	-25.01	PASS
2525.68	-39.11	-25.01	PASS
2526.68	-38.28	-25.01	PASS
2527.68	-39.22	-25.01	PASS
2528.68	-39.12	-25.01	PASS
2529.68	-39.05	-25.01	PASS
2530.68	-39.03	-25.01	PASS
2531.68	-39.00	-25.01	PASS
2532.68	-39.05	-25.01	PASS
2533.68	-39.14	-25.01	PASS
2534.68	-38.76	-25.01	PASS
2535.68	-38.76	-25.01	PASS
2536.68	-38.93	-25.01	PASS
2537.68	-38.78	-25.01	PASS
2538.68	-38.25	-25.01	PASS
2539.68	-38.82	-25.01	PASS
2540.68	-39.09	-25.01	PASS
2541.68	-38.93	-25.01	PASS
2542.68	-38.59	-25.01	PASS
2543.68	-38.79	-25.01	PASS
2544.68	-38.71	-25.01	PASS
2545.68	-39.13	-25.01	PASS
2546.68	-39.15	-25.01	PASS
2547.68	-38.72	-25.01	PASS
2548.68	-38.89	-25.01	PASS
2549.68	-39.01	-25.01	PASS
2550.68	-38.80	-25.01	PASS
2551.68	-38.41	-25.01	PASS
2552.68	-38.37	-25.01	PASS

			2553.68	-38.76	-25.01	PASS
			2554.68	-38.62	-25.01	PASS
			2555.68	-38.66	-25.01	PASS
			2556.68	-39.12	-25.01	PASS
			2557.68	-39.14	-25.01	PASS
			2558.36	-38.78	-25.01	PASS
			2558.68	-38.98	-25.01	PASS
			2324.74	-40.21	-25.01	PASS
			2324.98	-40.11	-25.01	PASS
			2325.74	-40.35	-25.01	PASS
			2326.74	-39.56	-25.01	PASS
			2327.74	-39.89	-25.01	PASS
			2328.74	-40.25	-25.01	PASS
			2329.74	-39.69	-25.01	PASS
			2330.74	-40.16	-25.01	PASS
			2331.74	-39.91	-25.01	PASS
			2332.74	-40.09	-25.01	PASS
			2333.74	-40.24	-25.01	PASS
			2334.74	-39.54	-25.01	PASS
			2335.74	-39.89	-25.01	PASS
			2336.74	-39.37	-25.01	PASS
			2337.74	-40.01	-25.01	PASS
			2338.74	-40.04	-25.01	PASS
			2339.74	-40.18	-25.01	PASS
			2340.74	-39.67	-25.01	PASS
			2341.74	-39.85	-25.01	PASS
			2342.74	-40.02	-25.01	PASS
			2343.74	-39.32	-25.01	PASS
			2344.74	-39.91	-25.01	PASS
			2345.74	-39.63	-25.01	PASS
			2346.74	-39.68	-25.01	PASS
			2347.74	-39.69	-25.01	PASS
			2348.74	-39.50	-25.01	PASS
			2349.74	-39.68	-25.01	PASS
			2350.74	-39.64	-25.01	PASS
			2351.74	-39.65	-25.01	PASS
			2352.74	-39.50	-25.01	PASS
			2353.74	-39.84	-25.01	PASS
			2354.74	-39.58	-25.01	PASS
			2355.74	-39.70	-25.01	PASS
			2356.74	-39.90	-25.01	PASS
			2357.74	-39.86	-25.01	PASS
			2358.74	-40.09	-25.01	PASS
			2359.74	-39.31	-25.01	PASS
			2360.74	-39.78	-25.01	PASS
			2361.74	-40.15	-25.01	PASS
			2362.5	-39.80	-15.01	PASS
			2362.74	-38.91	-15.01	PASS
			2363.5	-39.46	-15.01	PASS
			2364.5	-39.67	-15.01	PASS
			2365.5	-39.30	-15.01	PASS
			2366.5	-40.01	-15.01	PASS
			2367.5	-39.87	-15.01	PASS
			2368.5	-39.68	-15.01	PASS
			2369.5	-39.93	-15.01	PASS
			2370.5	-39.85	-15.01	PASS
			2371.5	-39.66	-15.01	PASS
			2372.5	-39.21	-15.01	PASS
			2373.5	-39.54	-15.01	PASS
			2374.5	-39.78	-15.01	PASS
			2375.5	-39.67	-15.01	PASS

Ant2

2462

2376.5	-39.66	-15.01	PASS
2377.5	-40.06	-15.01	PASS
2378.5	-39.93	-15.01	PASS
2379.5	-39.54	-15.01	PASS
2380.5	-39.42	-15.01	PASS
2381.5	-39.47	-15.01	PASS
2382.5	-39.98	-15.01	PASS
2383.5	-39.64	-15.01	PASS
2384.5	-39.62	-15.01	PASS
2385.5	-39.36	-15.01	PASS
2386.5	-39.61	-15.01	PASS
2387.5	-39.50	-15.01	PASS
2388.5	-39.48	-15.01	PASS
2389.5	-39.14	-15.01	PASS
2390.5	-39.74	-15.01	PASS
2391.5	-39.57	-15.01	PASS
2392.5	-39.85	-15.01	PASS
2393.5	-39.23	-15.01	PASS
2394.5	-39.66	-15.01	PASS
2395.5	-38.73	-15.01	PASS
2396.5	-39.39	-15.01	PASS
2397.5	-39.27	-15.01	PASS
2398.5	-39.60	-15.01	PASS
2399.5	-39.31	-15.01	PASS
2484	-35.20	-15.01	PASS
2485	-31.48	-15.01	PASS
2486	-34.57	-15.01	PASS
2487	-33.58	-15.01	PASS
2488	-35.57	-15.01	PASS
2489	-33.96	-15.01	PASS
2490	-34.83	-15.01	PASS
2491	-37.07	-15.01	PASS
2492	-37.77	-15.01	PASS
2493	-37.84	-15.01	PASS
2494	-37.98	-15.01	PASS
2495	-37.35	-15.01	PASS
2496	-37.02	-15.01	PASS
2497	-37.81	-15.01	PASS
2498	-37.96	-15.01	PASS
2499	-37.68	-15.01	PASS
2500	-38.22	-15.01	PASS
2501	-37.92	-15.01	PASS
2502	-38.10	-15.01	PASS
2503	-38.00	-15.01	PASS
2504	-37.72	-15.01	PASS
2505	-38.33	-15.01	PASS
2506	-38.23	-15.01	PASS
2507	-38.03	-15.01	PASS
2508	-38.54	-15.01	PASS
2509	-38.59	-15.01	PASS
2510	-38.11	-15.01	PASS
2511	-38.69	-15.01	PASS
2512	-38.01	-15.01	PASS
2513	-37.89	-15.01	PASS
2514	-38.08	-15.01	PASS
2515	-37.75	-15.01	PASS
2516	-38.32	-15.01	PASS
2517	-38.43	-15.01	PASS
2518	-38.56	-15.01	PASS
2519	-38.53	-15.01	PASS
2520	-38.98	-15.01	PASS

		2520.76	-39.07	-15.01	PASS
		2521	-38.78	-15.01	PASS
		2521.76	-38.99	-25.01	PASS
		2522.76	-39.46	-25.01	PASS
		2523.76	-38.52	-25.01	PASS
		2524.76	-38.71	-25.01	PASS
		2525.76	-38.90	-25.01	PASS
		2526.76	-38.65	-25.01	PASS
		2527.76	-38.79	-25.01	PASS
		2528.76	-38.48	-25.01	PASS
		2529.76	-39.18	-25.01	PASS
		2530.76	-38.68	-25.01	PASS
		2531.76	-38.70	-25.01	PASS
		2532.76	-38.91	-25.01	PASS
		2533.76	-38.72	-25.01	PASS
		2534.76	-38.87	-25.01	PASS
		2535.76	-39.21	-25.01	PASS
		2536.76	-38.85	-25.01	PASS
		2537.76	-38.55	-25.01	PASS
		2538.76	-38.67	-25.01	PASS
		2539.76	-39.08	-25.01	PASS
		2540.76	-38.74	-25.01	PASS
		2541.76	-38.69	-25.01	PASS
		2542.76	-39.13	-25.01	PASS
		2543.76	-39.03	-25.01	PASS
		2544.76	-39.23	-25.01	PASS
		2545.76	-39.19	-25.01	PASS
		2546.76	-38.96	-25.01	PASS
		2547.76	-39.13	-25.01	PASS
		2548.76	-39.07	-25.01	PASS
		2549.76	-38.95	-25.01	PASS
		2550.76	-39.12	-25.01	PASS
		2551.76	-38.77	-25.01	PASS
		2552.76	-39.07	-25.01	PASS
		2553.76	-39.25	-25.01	PASS
		2554.76	-38.74	-25.01	PASS
		2555.76	-38.91	-25.01	PASS
		2556.76	-38.90	-25.01	PASS
		2557.76	-38.77	-25.01	PASS
		2558.52	-39.02	-25.01	PASS
		2558.76	-39.00	-25.01	PASS

TestMode	Antenna	Frequency[MHz]	Freq. [MHz]	Level[dBm]	Limit[dBm]	Verdict
11BE20MIMO	Ant1	2412	2362.58	-47.30	-25.01	PASS
11BE20MIMO	Ant1	2412	2362.66	-46.27	-25.01	PASS
11BE20MIMO	Ant1	2412	2363.58	-47.71	-25.01	PASS
11BE20MIMO	Ant1	2412	2364.58	-47.88	-25.01	PASS
11BE20MIMO	Ant1	2412	2365.58	-47.56	-25.01	PASS
11BE20MIMO	Ant1	2412	2366.58	-47.45	-25.01	PASS
11BE20MIMO	Ant1	2412	2367.58	-47.37	-25.01	PASS
11BE20MIMO	Ant1	2412	2368.58	-46.96	-25.01	PASS
11BE20MIMO	Ant1	2412	2369.58	-47.41	-25.01	PASS
11BE20MIMO	Ant1	2412	2370.58	-47.42	-25.01	PASS
11BE20MIMO	Ant1	2412	2371.58	-47.47	-25.01	PASS
11BE20MIMO	Ant1	2412	2372.58	-47.03	-25.01	PASS
11BE20MIMO	Ant1	2412	2373.58	-46.74	-25.01	PASS
11BE20MIMO	Ant1	2412	2374.58	-47.41	-25.01	PASS
11BE20MIMO	Ant1	2412	2375.58	-46.84	-25.01	PASS
11BE20MIMO	Ant1	2412	2376.58	-46.33	-25.01	PASS
11BE20MIMO	Ant1	2412	2377.58	-45.98	-25.01	PASS

11BE20MIMO	Ant1	2412	2378.58	-46.24	-25.01	PASS
11BE20MIMO	Ant1	2412	2379.58	-45.31	-25.01	PASS
11BE20MIMO	Ant1	2412	2380.58	-45.17	-25.01	PASS
11BE20MIMO	Ant1	2412	2381.5	-45.68	-15.01	PASS
11BE20MIMO	Ant1	2412	2381.58	-45.81	-15.01	PASS
11BE20MIMO	Ant1	2412	2382.5	-44.99	-15.01	PASS
11BE20MIMO	Ant1	2412	2383.5	-45.66	-15.01	PASS
11BE20MIMO	Ant1	2412	2384.5	-44.48	-15.01	PASS
11BE20MIMO	Ant1	2412	2385.5	-43.71	-15.01	PASS
11BE20MIMO	Ant1	2412	2386.5	-43.21	-15.01	PASS
11BE20MIMO	Ant1	2412	2387.5	-43.78	-15.01	PASS
11BE20MIMO	Ant1	2412	2388.5	-44.23	-15.01	PASS
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11BE20MIMO	Ant1	2412	2390.5	-42.42	-15.01	PASS
11BE20MIMO	Ant1	2412	2391.5	-41.82	-15.01	PASS
11BE20MIMO	Ant1	2412	2392.5	-41.63	-15.01	PASS
11BE20MIMO	Ant1	2412	2393.5	-39.37	-15.01	PASS
11BE20MIMO	Ant1	2412	2394.5	-40.46	-15.01	PASS
11BE20MIMO	Ant1	2412	2395.5	-38.81	-15.01	PASS
11BE20MIMO	Ant1	2412	2396.5	-39.46	-15.01	PASS
11BE20MIMO	Ant1	2412	2397.5	-37.44	-15.01	PASS
11BE20MIMO	Ant1	2412	2398.5	-37.34	-15.01	PASS
11BE20MIMO	Ant1	2412	2399.5	-36.01	-15.01	PASS
11BE20MIMO	Ant1	2412	2484	-45.89	-15.01	PASS
11BE20MIMO	Ant1	2412	2485	-46.62	-15.01	PASS
11BE20MIMO	Ant1	2412	2486	-46.86	-15.01	PASS
11BE20MIMO	Ant1	2412	2487	-45.92	-15.01	PASS
11BE20MIMO	Ant1	2412	2488	-46.76	-15.01	PASS
11BE20MIMO	Ant1	2412	2489	-46.45	-15.01	PASS
11BE20MIMO	Ant1	2412	2490	-46.47	-15.01	PASS
11BE20MIMO	Ant1	2412	2491	-46.37	-15.01	PASS
11BE20MIMO	Ant1	2412	2492	-46.45	-15.01	PASS
11BE20MIMO	Ant1	2412	2493	-46.69	-15.01	PASS
11BE20MIMO	Ant1	2412	2494	-46.71	-15.01	PASS
11BE20MIMO	Ant1	2412	2495	-46.12	-15.01	PASS
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11BE20MIMO	Ant1	2412	2497	-46.77	-15.01	PASS
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11BE20MIMO	Ant1	2412	2501.92	-46.68	-15.01	PASS
11BE20MIMO	Ant1	2412	2502	-46.93	-15.01	PASS
11BE20MIMO	Ant1	2412	2502.92	-46.94	-25.01	PASS
11BE20MIMO	Ant1	2412	2503.92	-46.70	-25.01	PASS
11BE20MIMO	Ant1	2412	2504.92	-47.12	-25.01	PASS
11BE20MIMO	Ant1	2412	2505.92	-47.08	-25.01	PASS
11BE20MIMO	Ant1	2412	2506.92	-47.35	-25.01	PASS
11BE20MIMO	Ant1	2412	2507.92	-46.55	-25.01	PASS
11BE20MIMO	Ant1	2412	2508.92	-46.80	-25.01	PASS
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11BE20MIMO	Ant1	2412	2511.92	-46.93	-25.01	PASS
11BE20MIMO	Ant1	2412	2512.92	-47.20	-25.01	PASS
11BE20MIMO	Ant1	2412	2513.92	-47.10	-25.01	PASS
11BE20MIMO	Ant1	2412	2514.92	-47.22	-25.01	PASS
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11BE20MIMO	Ant1	2412	2517.92	-40.69	-25.01	PASS
11BE20MIMO	Ant1	2412	2518.92	-44.47	-25.01	PASS
11BE20MIMO	Ant1	2412	2519.92	-47.02	-25.01	PASS

11BE20MIMO	Ant1	2412	2520.84	-46.74	-25.01	PASS
11BE20MIMO	Ant1	2412	2520.92	-47.32	-25.01	PASS
11BE20MIMO	Ant2	2412	2362.62	-47.15	-25.01	PASS
11BE20MIMO	Ant2	2412	2362.74	-47.54	-25.01	PASS
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11BE20MIMO	Ant2	2412	2368.62	-43.60	-25.01	PASS
11BE20MIMO	Ant2	2412	2369.62	-44.18	-25.01	PASS
11BE20MIMO	Ant2	2412	2370.62	-45.94	-25.01	PASS
11BE20MIMO	Ant2	2412	2371.62	-45.57	-25.01	PASS
11BE20MIMO	Ant2	2412	2372.62	-45.33	-25.01	PASS
11BE20MIMO	Ant2	2412	2373.62	-45.12	-25.01	PASS
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11BE20MIMO	Ant2	2412	2386.5	-42.33	-15.01	PASS
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11BE20MIMO	Ant2	2412	2392.5	-37.70	-15.01	PASS
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11BE20MIMO	Ant2	2412	2500	-46.75	-15.01	PASS
11BE20MIMO	Ant2	2412	2501	-46.67	-15.01	PASS
11BE20MIMO	Ant2	2412	2501.88	-47.15	-15.01	PASS

11BE20MIMO	Ant2	2412	2502	-46.96	-15.01	PASS
11BE20MIMO	Ant2	2412	2502.88	-46.44	-25.01	PASS
11BE20MIMO	Ant2	2412	2503.88	-47.23	-25.01	PASS
11BE20MIMO	Ant2	2412	2504.88	-47.19	-25.01	PASS
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11BE20MIMO	Ant1	2472	2369.54	-48.17	-25.01	PASS
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11BE20MIMO	Ant1	2472	2371.54	-48.17	-25.01	PASS
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11BE20MIMO	Ant1	2472	2377.54	-47.46	-25.01	PASS
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11BE20MIMO	Ant1	2472	2387.5	-47.71	-15.01	PASS
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11BE20MIMO	Ant1	2472	2397.5	-47.22	-15.01	PASS
11BE20MIMO	Ant1	2472	2398.5	-47.62	-15.01	PASS
11BE20MIMO	Ant1	2472	2399.5	-46.51	-15.01	PASS

11BE20MIMO	Ant1	2472	2484	-19.53	-15.01	PASS
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11BE20MIMO	Ant1	2472	2486	-21.73	-15.01	PASS
11BE20MIMO	Ant1	2472	2487	-21.12	-15.01	PASS
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11BE20MIMO	Ant1	2472	2506.96	-37.85	-25.01	PASS
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11BE20MIMO	Ant2	2472	2379.62	-47.47	-25.01	PASS
11BE20MIMO	Ant2	2472	2380.62	-48.38	-25.01	PASS
11BE20MIMO	Ant2	2472	2381.5	-46.79	-15.01	PASS

11BE20MIMO	Ant2	2472	2381.62	-47.96	-15.01	PASS
11BE20MIMO	Ant2	2472	2382.5	-47.85	-15.01	PASS
11BE20MIMO	Ant2	2472	2383.5	-47.57	-15.01	PASS
11BE20MIMO	Ant2	2472	2384.5	-47.45	-15.01	PASS
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11BE20MIMO	Ant2	2472	2397.5	-47.30	-15.01	PASS
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11BE20MIMO	Ant2	2472	2399.5	-47.24	-15.01	PASS
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11BE20MIMO	Ant2	2472	2485	-35.17	-15.01	PASS
11BE20MIMO	Ant2	2472	2486	-34.45	-15.01	PASS
11BE20MIMO	Ant2	2472	2487	-34.28	-15.01	PASS
11BE20MIMO	Ant2	2472	2488	-35.06	-15.01	PASS
11BE20MIMO	Ant2	2472	2489	-35.75	-15.01	PASS
11BE20MIMO	Ant2	2472	2490	-37.66	-15.01	PASS
11BE20MIMO	Ant2	2472	2491	-38.14	-15.01	PASS
11BE20MIMO	Ant2	2472	2492	-38.51	-15.01	PASS
11BE20MIMO	Ant2	2472	2493	-39.62	-15.01	PASS
11BE20MIMO	Ant2	2472	2494	-40.44	-15.01	PASS
11BE20MIMO	Ant2	2472	2495	-39.67	-15.01	PASS
11BE20MIMO	Ant2	2472	2496	-41.15	-15.01	PASS
11BE20MIMO	Ant2	2472	2497	-40.74	-15.01	PASS
11BE20MIMO	Ant2	2472	2498	-41.72	-15.01	PASS
11BE20MIMO	Ant2	2472	2499	-42.49	-15.01	PASS
11BE20MIMO	Ant2	2472	2500	-42.31	-15.01	PASS
11BE20MIMO	Ant2	2472	2501	-42.62	-15.01	PASS
11BE20MIMO	Ant2	2472	2501.88	-41.95	-15.01	PASS
11BE20MIMO	Ant2	2472	2502	-42.07	-15.01	PASS
11BE20MIMO	Ant2	2472	2502.88	-42.12	-25.01	PASS
11BE20MIMO	Ant2	2472	2503.88	-43.44	-25.01	PASS
11BE20MIMO	Ant2	2472	2504.88	-43.91	-25.01	PASS
11BE20MIMO	Ant2	2472	2505.88	-43.69	-25.01	PASS
11BE20MIMO	Ant2	2472	2506.88	-44.03	-25.01	PASS
11BE20MIMO	Ant2	2472	2507.88	-44.10	-25.01	PASS
11BE20MIMO	Ant2	2472	2508.88	-43.61	-25.01	PASS
11BE20MIMO	Ant2	2472	2509.88	-44.39	-25.01	PASS
11BE20MIMO	Ant2	2472	2510.88	-44.19	-25.01	PASS
11BE20MIMO	Ant2	2472	2511.88	-45.51	-25.01	PASS
11BE20MIMO	Ant2	2472	2512.88	-44.73	-25.01	PASS
11BE20MIMO	Ant2	2472	2513.88	-45.14	-25.01	PASS
11BE20MIMO	Ant2	2472	2514.88	-45.83	-25.01	PASS
11BE20MIMO	Ant2	2472	2515.88	-45.84	-25.01	PASS
11BE20MIMO	Ant2	2472	2516.88	-45.87	-25.01	PASS
11BE20MIMO	Ant2	2472	2517.88	-44.80	-25.01	PASS
11BE20MIMO	Ant2	2472	2518.88	-43.13	-25.01	PASS
11BE20MIMO	Ant2	2472	2519.88	-45.62	-25.01	PASS
11BE20MIMO	Ant2	2472	2520.76	-45.97	-25.01	PASS
11BE20MIMO	Ant2	2472	2520.88	-46.22	-25.01	PASS
11BE40MIMO	Ant1	2422	2325.62	-39.34	-25.01	PASS
11BE40MIMO	Ant1	2422	2326.06	-39.13	-25.01	PASS

11BE40MIMO	Ant1	2422	2345.06	-38.61	-25.01	PASS
11BE40MIMO	Ant1	2422	2346.06	-38.90	-25.01	PASS
11BE40MIMO	Ant1	2422	2347.06	-39.01	-25.01	PASS
11BE40MIMO	Ant1	2422	2348.06	-39.24	-25.01	PASS
11BE40MIMO	Ant1	2422	2349.06	-38.69	-25.01	PASS
11BE40MIMO	Ant1	2422	2350.06	-39.29	-25.01	PASS
11BE40MIMO	Ant1	2422	2351.06	-38.83	-25.01	PASS
11BE40MIMO	Ant1	2422	2352.06	-38.77	-25.01	PASS
11BE40MIMO	Ant1	2422	2353.06	-38.98	-25.01	PASS
11BE40MIMO	Ant1	2422	2354.06	-38.42	-25.01	PASS
11BE40MIMO	Ant1	2422	2355.06	-38.84	-25.01	PASS
11BE40MIMO	Ant1	2422	2356.06	-38.37	-25.01	PASS
11BE40MIMO	Ant1	2422	2357.06	-38.76	-25.01	PASS
11BE40MIMO	Ant1	2422	2358.06	-38.92	-25.01	PASS
11BE40MIMO	Ant1	2422	2359.06	-38.04	-25.01	PASS
11BE40MIMO	Ant1	2422	2360.06	-39.04	-25.01	PASS
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11BE40MIMO	Ant1	2422	2362.06	-39.00	-25.01	PASS
11BE40MIMO	Ant1	2422	2363.06	-38.58	-15.01	PASS
11BE40MIMO	Ant1	2422	2363.5	-38.33	-15.01	PASS
11BE40MIMO	Ant1	2422	2364.5	-38.82	-15.01	PASS
11BE40MIMO	Ant1	2422	2365.5	-38.59	-15.01	PASS
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11BE40MIMO	Ant1	2422	2367.5	-38.01	-15.01	PASS
11BE40MIMO	Ant1	2422	2368.5	-39.17	-15.01	PASS
11BE40MIMO	Ant1	2422	2369.5	-38.26	-15.01	PASS
11BE40MIMO	Ant1	2422	2370.5	-38.14	-15.01	PASS
11BE40MIMO	Ant1	2422	2371.5	-37.71	-15.01	PASS
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11BE40MIMO	Ant1	2422	2376.5	-38.62	-15.01	PASS
11BE40MIMO	Ant1	2422	2377.5	-38.20	-15.01	PASS
11BE40MIMO	Ant1	2422	2378.5	-38.37	-15.01	PASS
11BE40MIMO	Ant1	2422	2379.5	-38.19	-15.01	PASS
11BE40MIMO	Ant1	2422	2380.5	-37.45	-15.01	PASS
11BE40MIMO	Ant1	2422	2381.5	-37.70	-15.01	PASS
11BE40MIMO	Ant1	2422	2382.5	-37.74	-15.01	PASS
11BE40MIMO	Ant1	2422	2383.5	-38.29	-15.01	PASS
11BE40MIMO	Ant1	2422	2384.5	-38.40	-15.01	PASS
11BE40MIMO	Ant1	2422	2385.5	-37.95	-15.01	PASS
11BE40MIMO	Ant1	2422	2386.5	-38.40	-15.01	PASS
11BE40MIMO	Ant1	2422	2387.5	-38.13	-15.01	PASS
11BE40MIMO	Ant1	2422	2388.5	-37.64	-15.01	PASS
11BE40MIMO	Ant1	2422	2389.5	-37.73	-15.01	PASS
11BE40MIMO	Ant1	2422	2390.5	-38.10	-15.01	PASS
11BE40MIMO	Ant1	2422	2391.5	-36.80	-15.01	PASS
11BE40MIMO	Ant1	2422	2392.5	-37.50	-15.01	PASS
11BE40MIMO	Ant1	2422	2393.5	-37.84	-15.01	PASS
11BE40MIMO	Ant1	2422	2394.5	-37.93	-15.01	PASS
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11BE40MIMO	Ant1	2422	2397.5	-37.18	-15.01	PASS
11BE40MIMO	Ant1	2422	2398.5	-32.66	-15.01	PASS
11BE40MIMO	Ant1	2422	2399.5	-35.05	-15.01	PASS
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11BE40MIMO	Ant1	2422	2486	-38.23	-15.01	PASS
11BE40MIMO	Ant1	2422	2487	-37.54	-15.01	PASS
11BE40MIMO	Ant1	2422	2488	-37.72	-15.01	PASS

11BE40MIMO	Ant1	2422	2489	-37.57	-15.01	PASS
11BE40MIMO	Ant1	2422	2490	-37.29	-15.01	PASS
11BE40MIMO	Ant1	2422	2491	-37.40	-15.01	PASS
11BE40MIMO	Ant1	2422	2492	-37.19	-15.01	PASS
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11BE40MIMO	Ant1	2422	2499	-38.02	-15.01	PASS
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11BE40MIMO	Ant1	2422	2507	-38.13	-15.01	PASS
11BE40MIMO	Ant1	2422	2508	-37.90	-15.01	PASS
11BE40MIMO	Ant1	2422	2509	-38.06	-15.01	PASS
11BE40MIMO	Ant1	2422	2510	-37.85	-15.01	PASS
11BE40MIMO	Ant1	2422	2511	-37.74	-15.01	PASS
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11BE40MIMO	Ant1	2422	2513	-37.68	-15.01	PASS
11BE40MIMO	Ant1	2422	2514	-38.49	-15.01	PASS
11BE40MIMO	Ant1	2422	2515	-37.73	-15.01	PASS
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11BE40MIMO	Ant1	2422	2517	-37.88	-15.01	PASS
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11BE40MIMO	Ant1	2422	2546.44	-38.02	-25.01	PASS
11BE40MIMO	Ant1	2422	2547.44	-37.76	-25.01	PASS
11BE40MIMO	Ant1	2422	2548.44	-37.42	-25.01	PASS

11BE40MIMO	Ant1	2422	2327.06	-38.65	-25.01	PASS
11BE40MIMO	Ant1	2422	2328.06	-38.55	-25.01	PASS
11BE40MIMO	Ant1	2422	2329.06	-38.96	-25.01	PASS
11BE40MIMO	Ant2	2422	2324.82	-38.68	-25.01	PASS
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11BE40MIMO	Ant2	2422	2488	-37.58	-15.01	PASS
11BE40MIMO	Ant2	2422	2489	-37.24	-15.01	PASS
11BE40MIMO	Ant2	2422	2490	-37.16	-15.01	PASS

11BE40MIMO	Ant2	2422	2491	-37.90	-15.01	PASS
11BE40MIMO	Ant2	2422	2492	-37.13	-15.01	PASS
11BE40MIMO	Ant2	2422	2493	-37.91	-15.01	PASS
11BE40MIMO	Ant2	2422	2494	-36.88	-15.01	PASS
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11BE40MIMO	Ant2	2422	2514	-37.79	-15.01	PASS
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11BE40MIMO	Ant2	2422	2516	-38.03	-15.01	PASS
11BE40MIMO	Ant2	2422	2517	-37.33	-15.01	PASS
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11BE40MIMO	Ant2	2422	2527.68	-37.90	-25.01	PASS
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11BE40MIMO	Ant2	2422	2542.68	-37.27	-25.01	PASS
11BE40MIMO	Ant2	2422	2543.68	-37.87	-25.01	PASS
11BE40MIMO	Ant2	2422	2544.68	-38.08	-25.01	PASS
11BE40MIMO	Ant2	2422	2545.68	-37.11	-25.01	PASS
11BE40MIMO	Ant2	2422	2546.68	-38.12	-25.01	PASS
11BE40MIMO	Ant2	2422	2547.68	-38.10	-25.01	PASS
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11BE40MIMO	Ant2	2422	2350.82	-38.51	-25.01	PASS

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11BE40MIMO	Ant2	2462	2377.5	-38.38	-15.01	PASS
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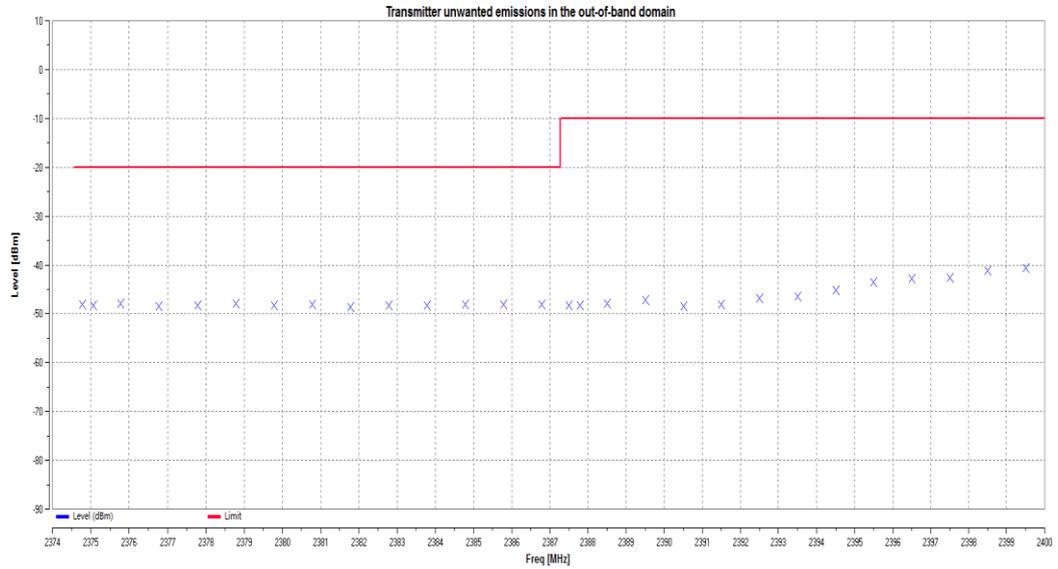
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11BE40MIMO	Ant2	2462	2490	-36.34	-15.01	PASS
11BE40MIMO	Ant2	2462	2491	-34.69	-15.01	PASS
11BE40MIMO	Ant2	2462	2492	-30.59	-15.01	PASS
11BE40MIMO	Ant2	2462	2493	-30.12	-15.01	PASS
11BE40MIMO	Ant2	2462	2494	-35.35	-15.01	PASS
11BE40MIMO	Ant2	2462	2495	-32.79	-15.01	PASS
11BE40MIMO	Ant2	2462	2496	-33.06	-15.01	PASS
11BE40MIMO	Ant2	2462	2497	-36.47	-15.01	PASS
11BE40MIMO	Ant2	2462	2498	-36.19	-15.01	PASS
11BE40MIMO	Ant2	2462	2499	-34.36	-15.01	PASS
11BE40MIMO	Ant2	2462	2500	-36.20	-15.01	PASS
11BE40MIMO	Ant2	2462	2501	-36.89	-15.01	PASS
11BE40MIMO	Ant2	2462	2502	-36.62	-15.01	PASS
11BE40MIMO	Ant2	2462	2503	-36.43	-15.01	PASS
11BE40MIMO	Ant2	2462	2504	-34.72	-15.01	PASS
11BE40MIMO	Ant2	2462	2505	-36.38	-15.01	PASS
11BE40MIMO	Ant2	2462	2506	-37.38	-15.01	PASS
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11BE40MIMO	Ant2	2462	2508	-36.93	-15.01	PASS
11BE40MIMO	Ant2	2462	2509	-36.67	-15.01	PASS
11BE40MIMO	Ant2	2462	2510	-37.57	-15.01	PASS
11BE40MIMO	Ant2	2462	2511	-37.85	-15.01	PASS
11BE40MIMO	Ant2	2462	2512	-37.83	-15.01	PASS
11BE40MIMO	Ant2	2462	2339.74	-38.84	-25.01	PASS
11BE40MIMO	Ant2	2462	2340.74	-38.00	-25.01	PASS
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11BE40MIMO	Ant2	2462	2342.74	-38.80	-25.01	PASS
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11BE40MIMO	Ant2	2462	2348.74	-39.21	-25.01	PASS
11BE40MIMO	Ant2	2462	2349.74	-39.06	-25.01	PASS
11BE40MIMO	Ant2	2462	2350.74	-38.88	-25.01	PASS

11BE40MIMO	Ant2	2462	2351.74	-38.03	-25.01	PASS
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11BE40MIMO	Ant2	2462	2367.5	-38.70	-15.01	PASS
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11BE40MIMO	Ant2	2462	2543.76	-38.03	-25.01	PASS
11BE40MIMO	Ant2	2462	2544.76	-38.12	-25.01	PASS
11BE40MIMO	Ant2	2462	2545.76	-37.48	-25.01	PASS
11BE40MIMO	Ant2	2462	2546.76	-38.21	-25.01	PASS
11BE40MIMO	Ant2	2462	2547.76	-37.90	-25.01	PASS
11BE40MIMO	Ant2	2462	2548.76	-38.00	-25.01	PASS
11BE40MIMO	Ant2	2462	2549.76	-37.94	-25.01	PASS
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11BE40MIMO	Ant2	2462	2551.76	-37.78	-25.01	PASS

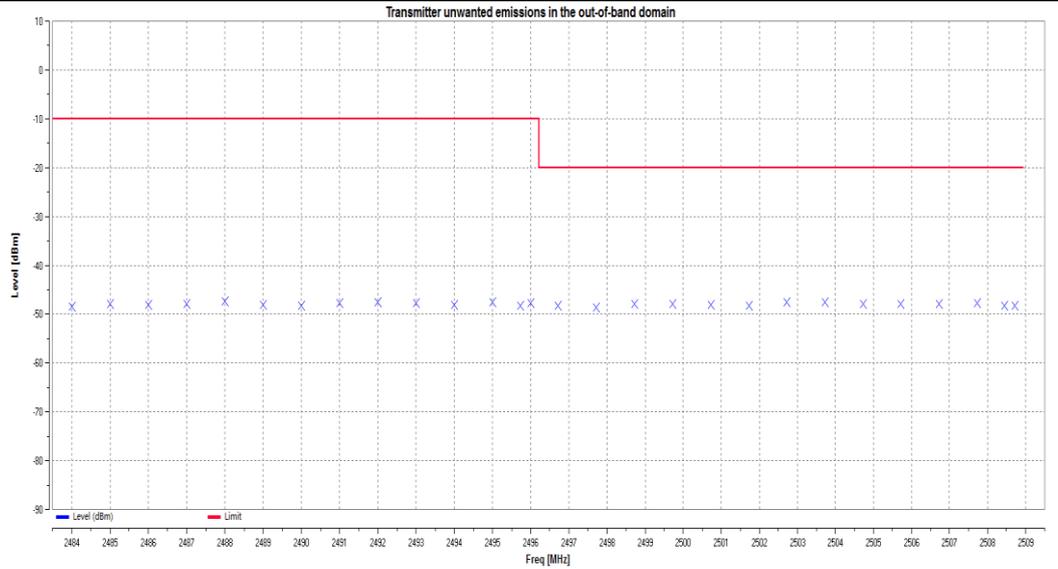
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11BE40MIMO	Ant2	2462	2555.76	-38.37	-25.01	PASS
11BE40MIMO	Ant2	2462	2556.76	-37.83	-25.01	PASS
11BE40MIMO	Ant2	2462	2557.76	-37.50	-25.01	PASS
11BE40MIMO	Ant2	2462	2558.52	-37.72	-25.01	PASS
11BE40MIMO	Ant2	2462	2558.76	-37.63	-25.01	PASS

Test Graphs

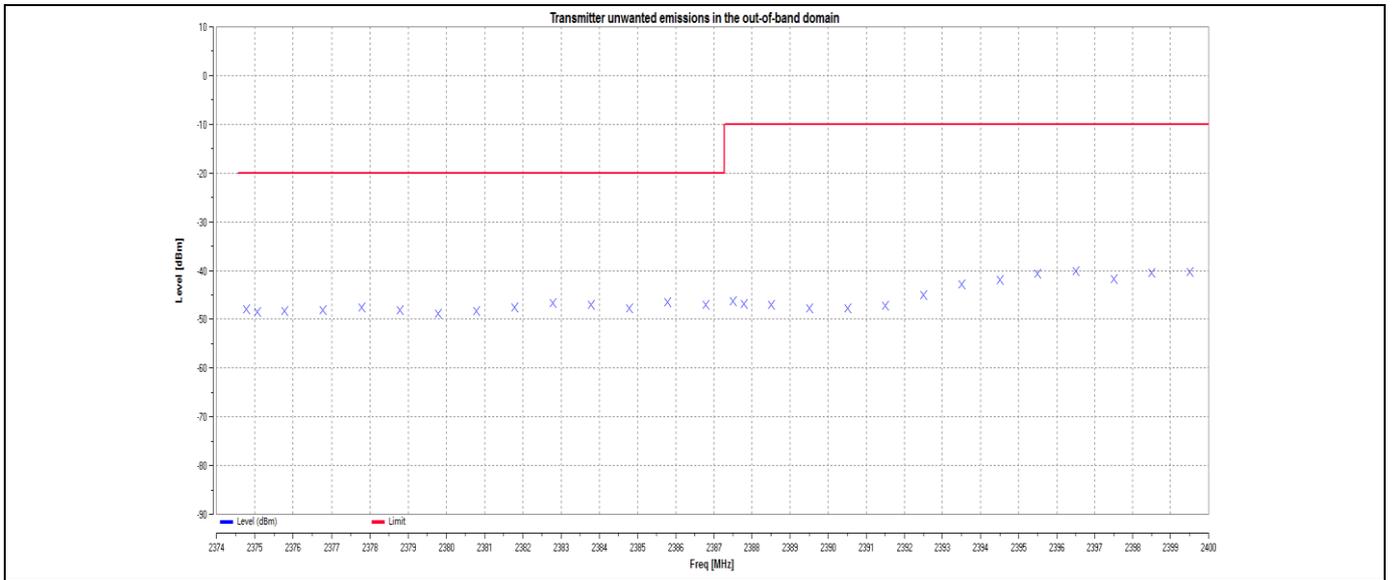
11B_Ant1_2412_2400MHz-2BW to 2400MHz



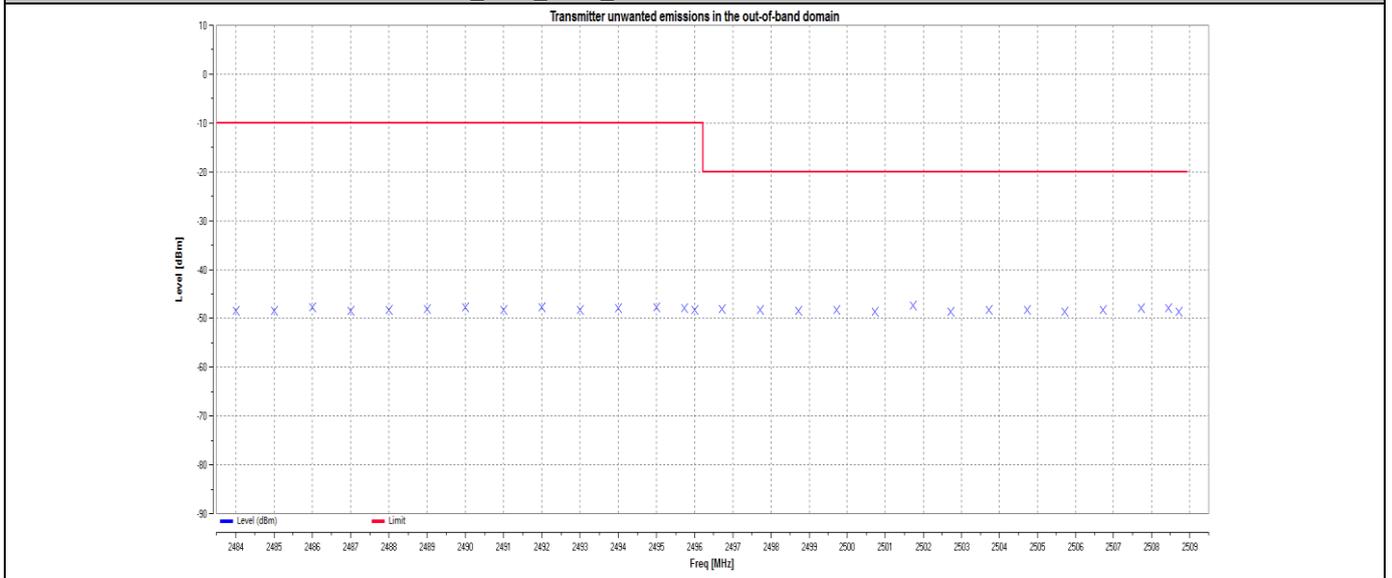
11B_Ant1_2412_2483.5MHz to 2483.5MHz+2BW



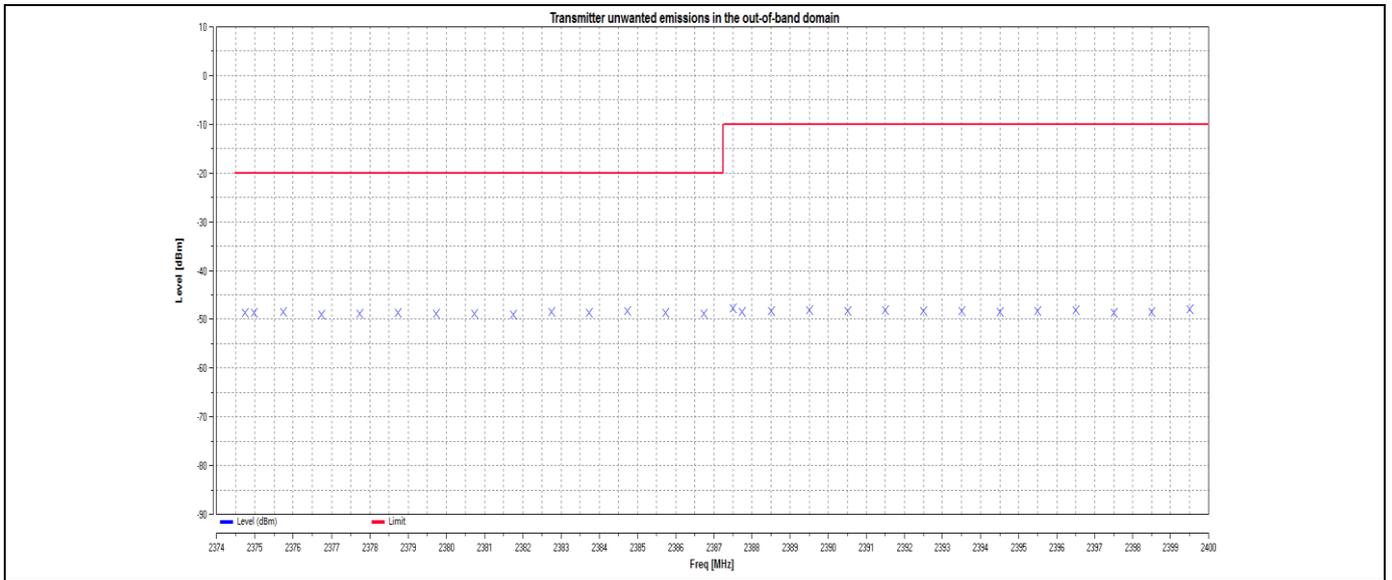
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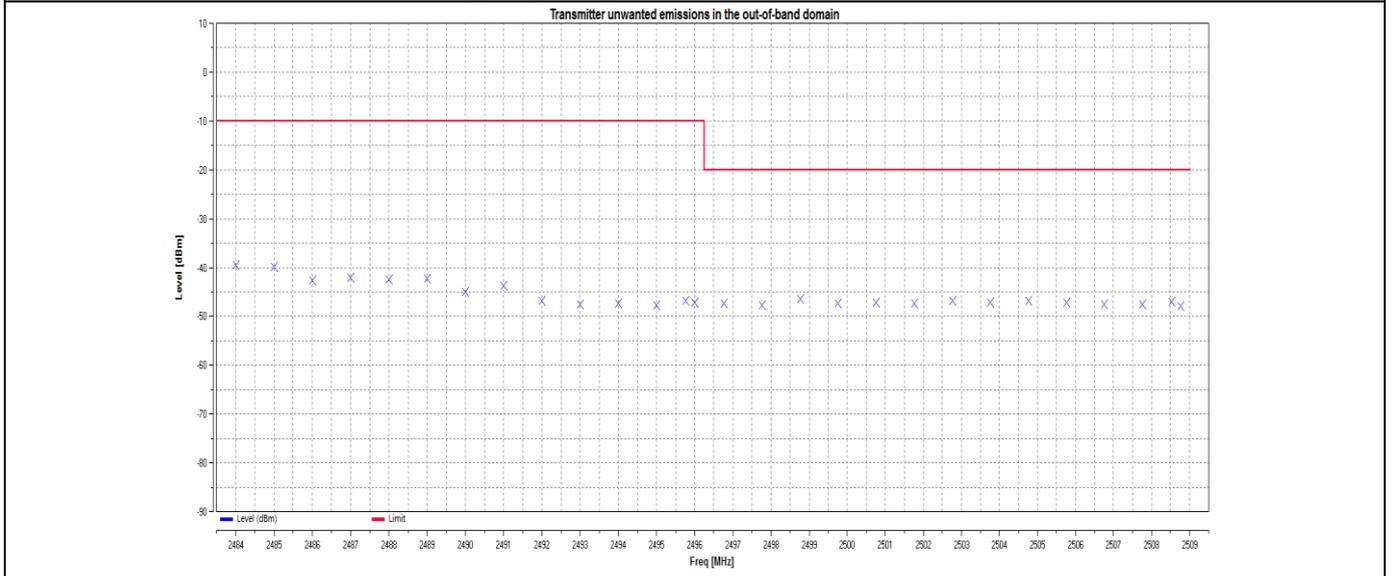
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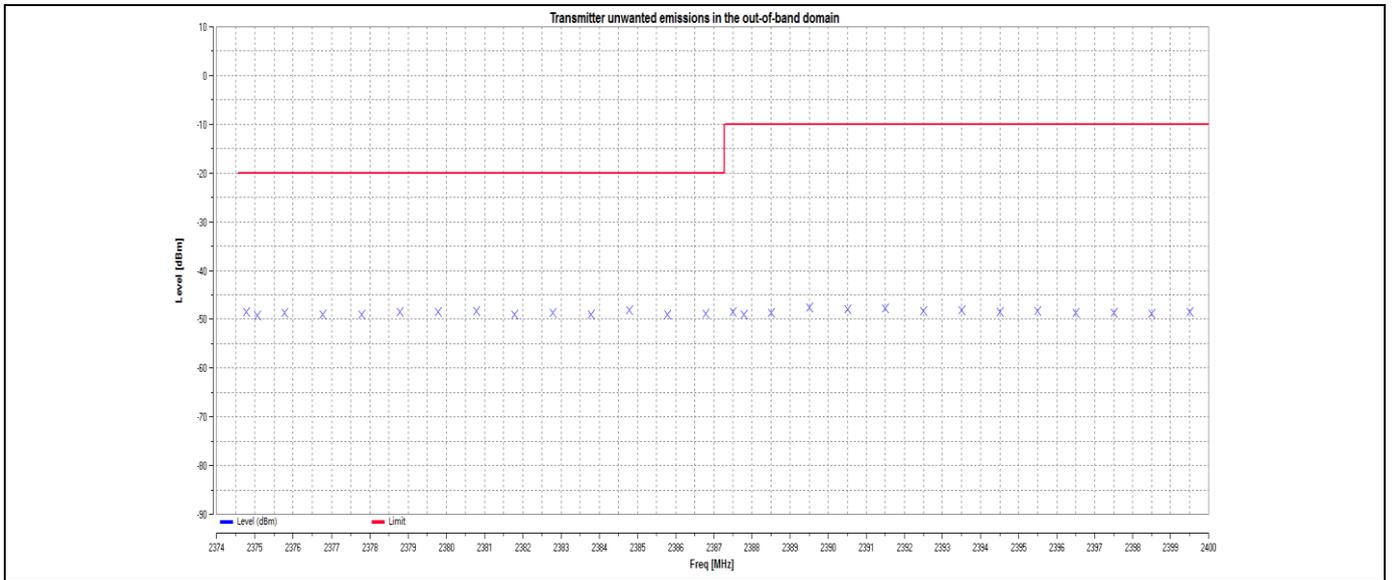
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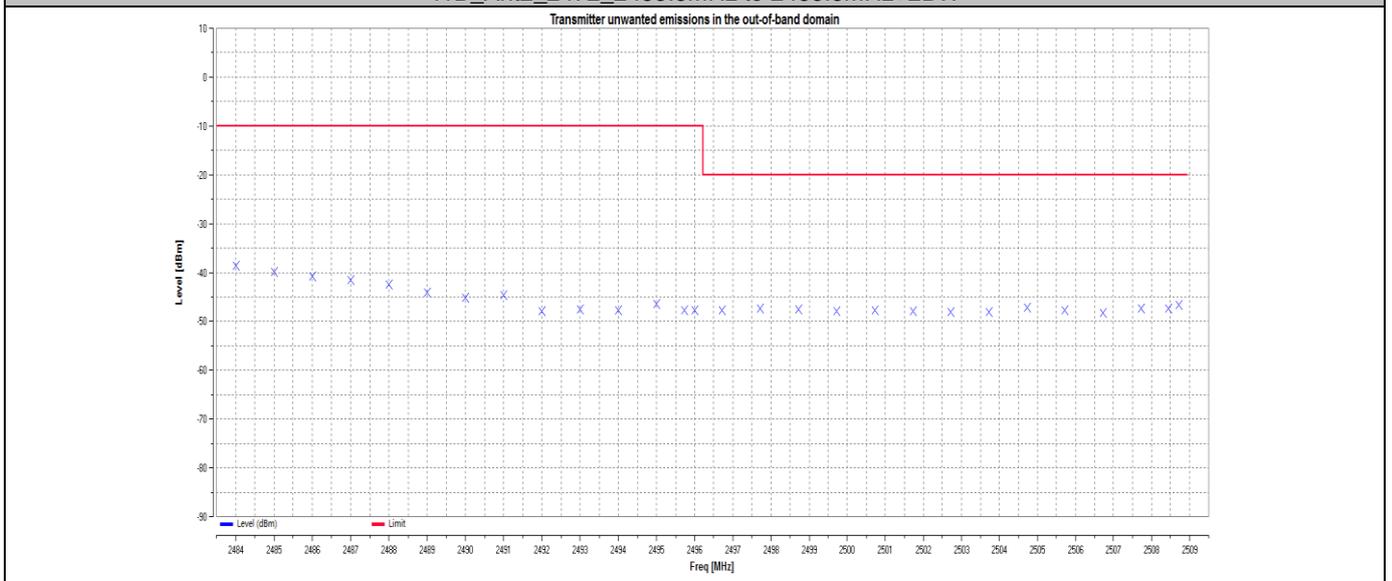
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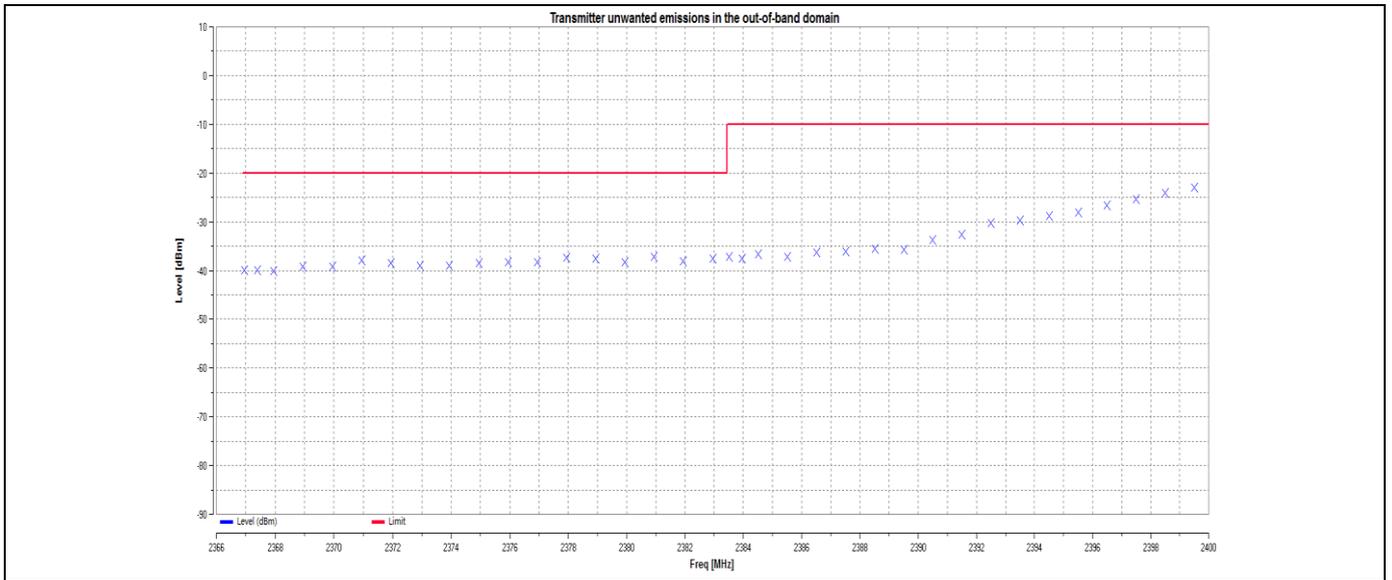
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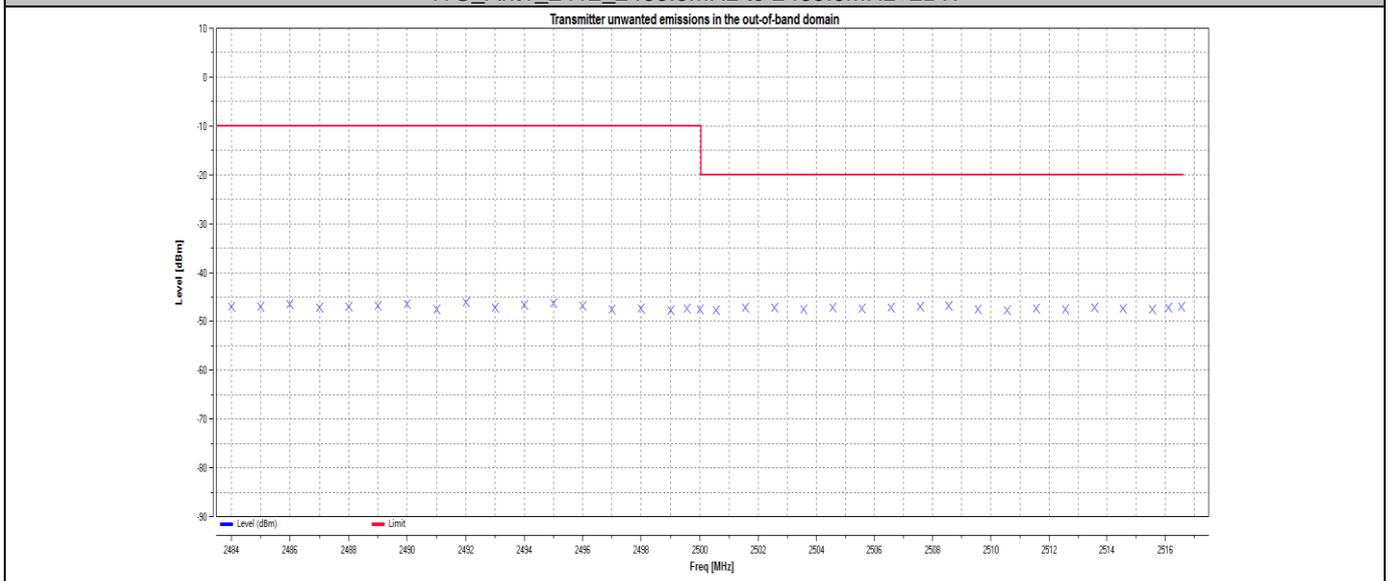
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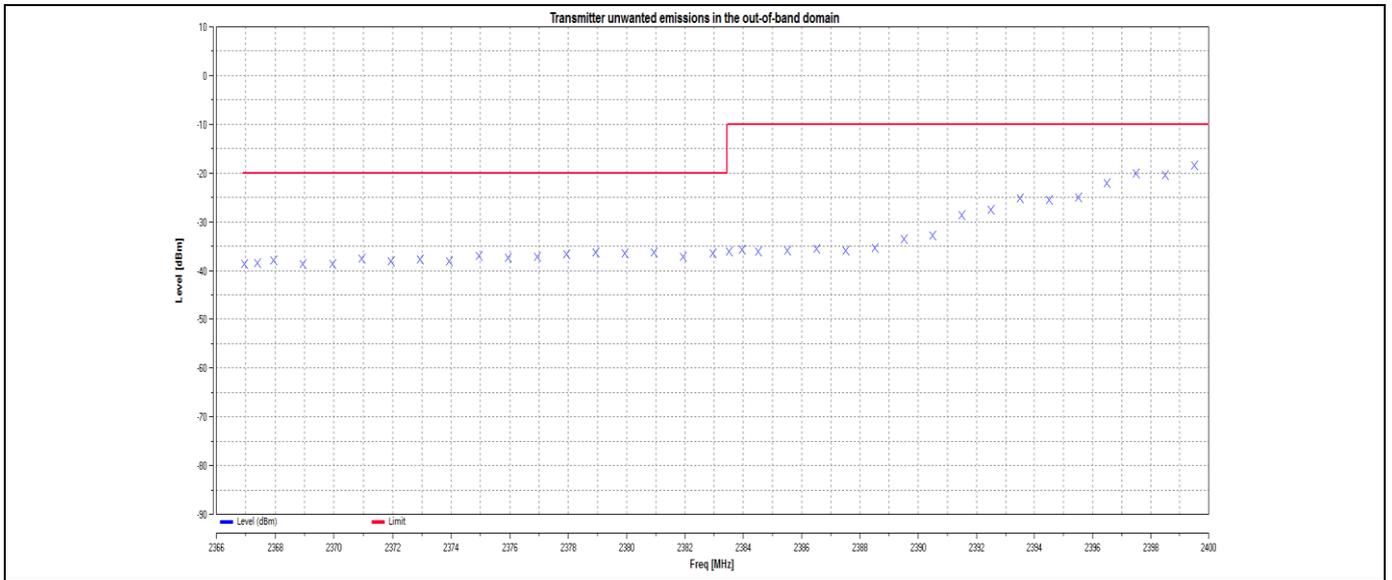
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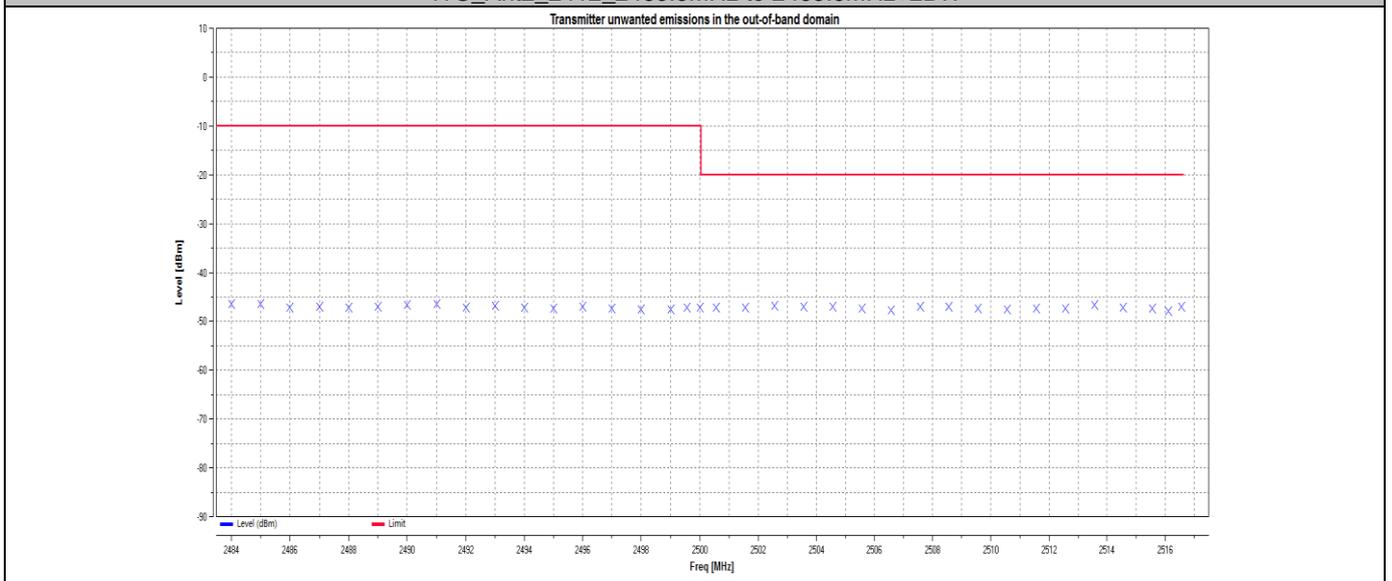
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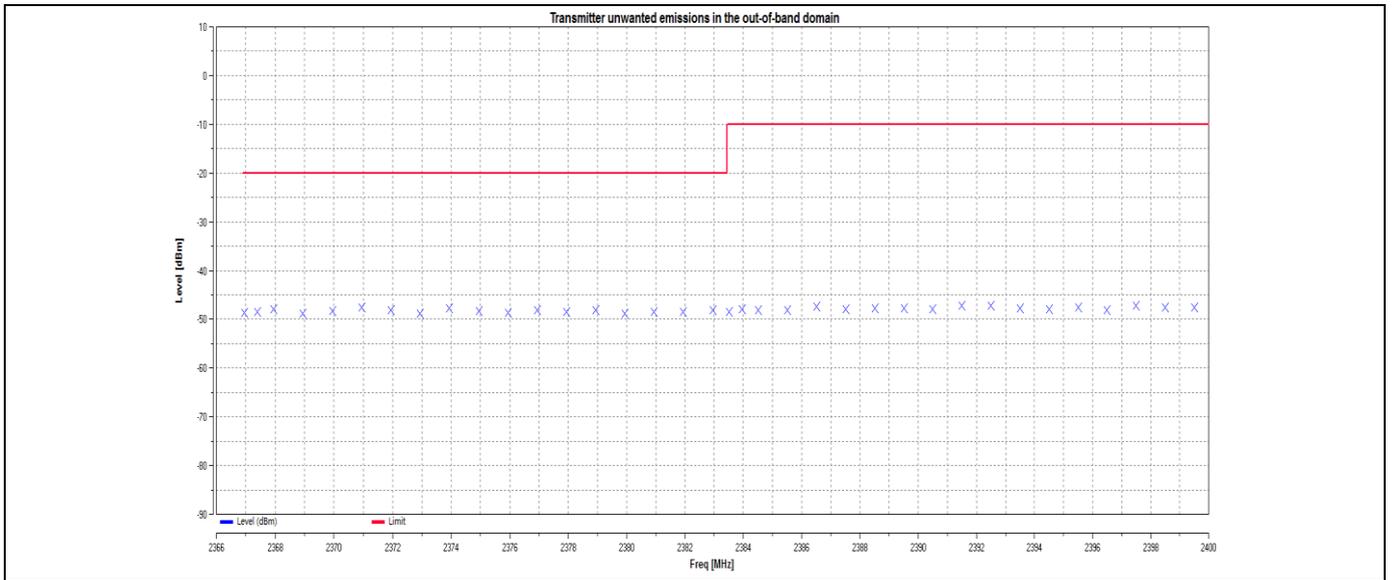
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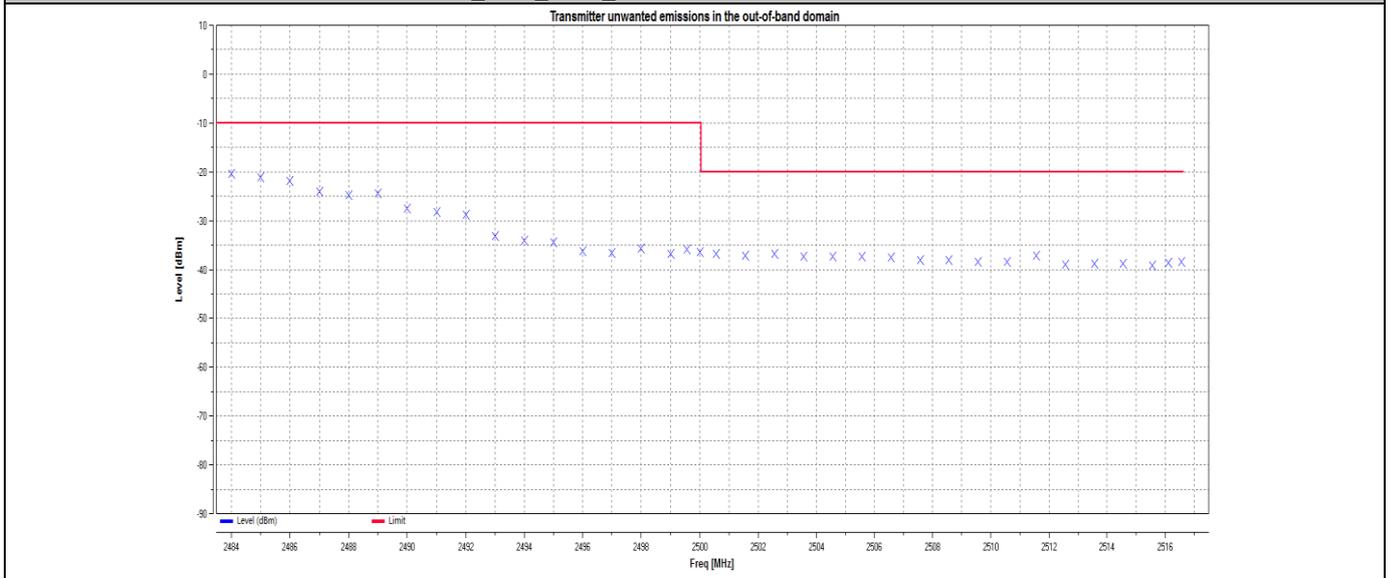
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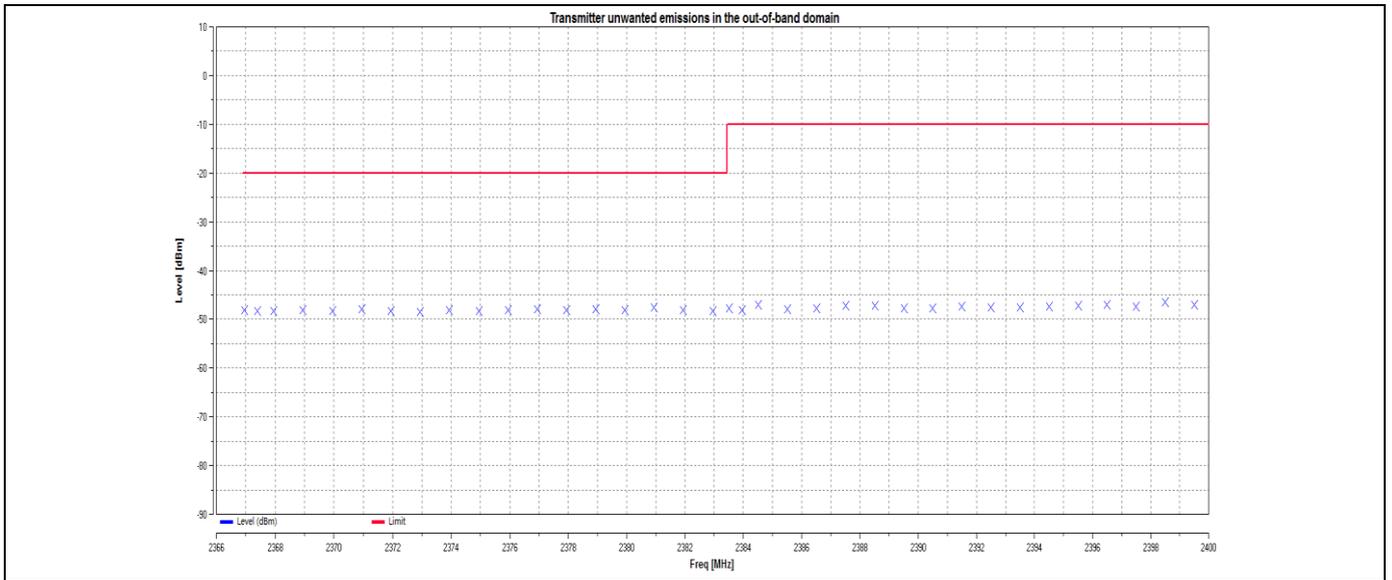
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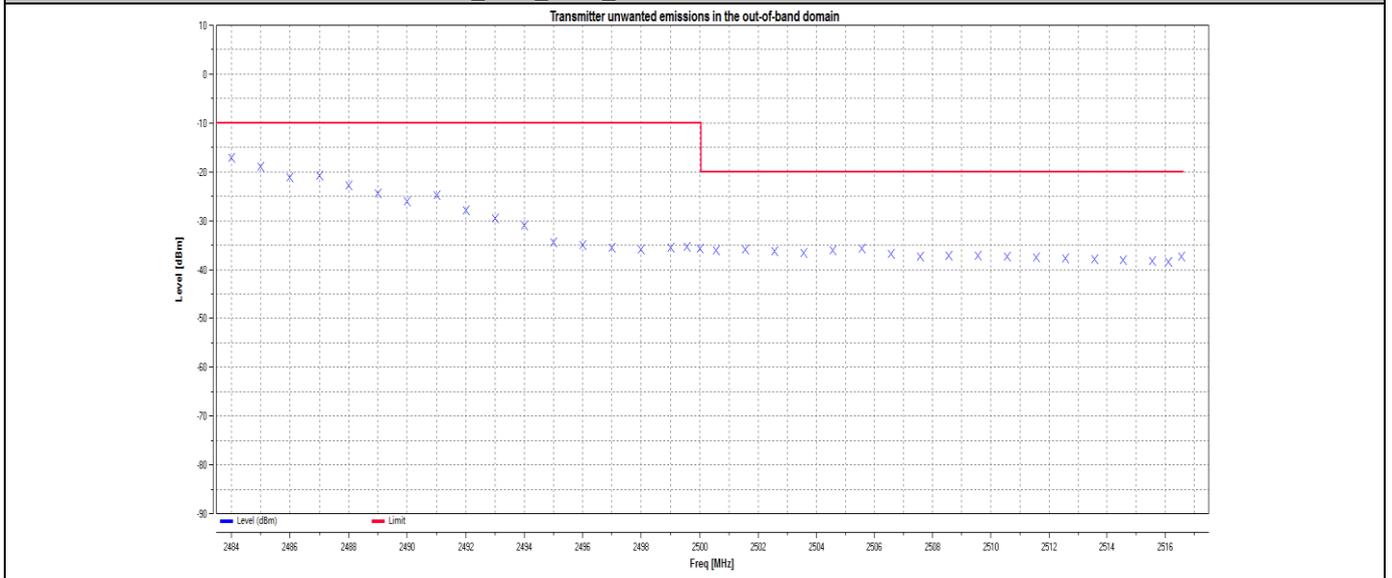
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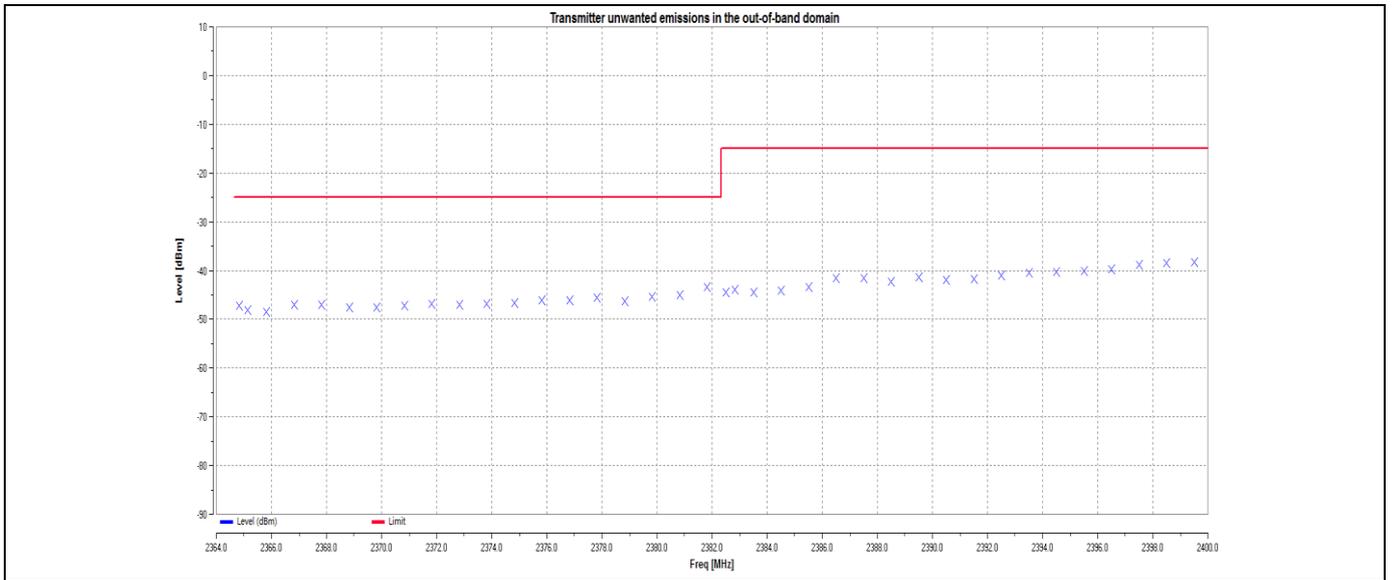
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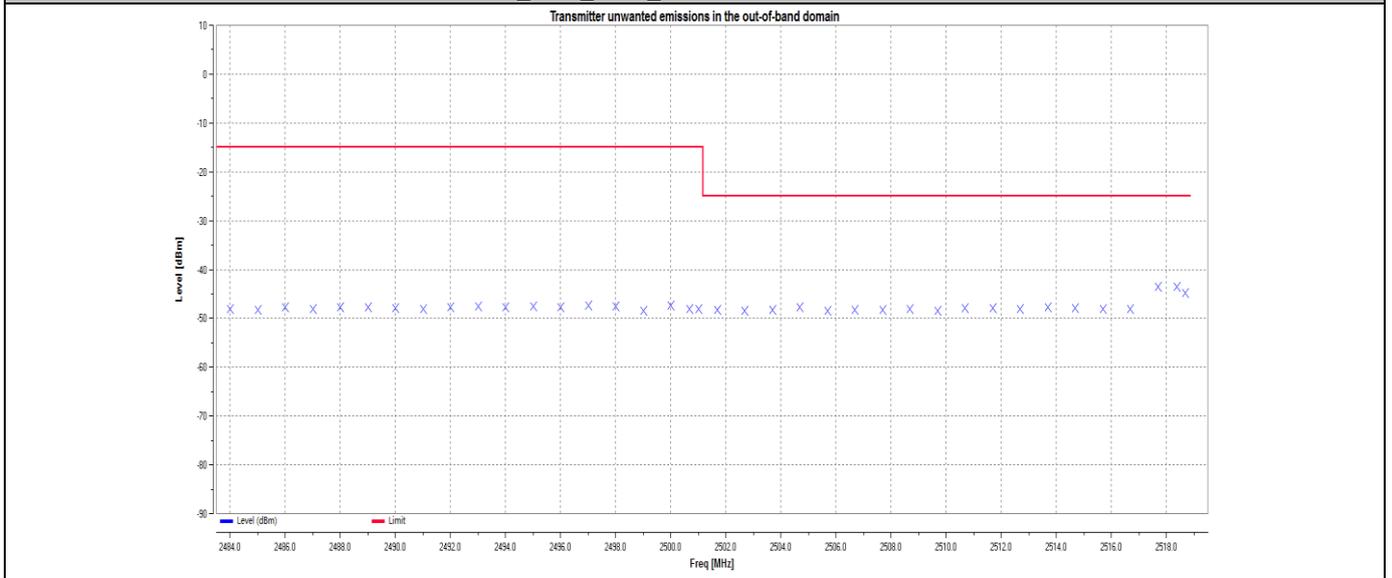
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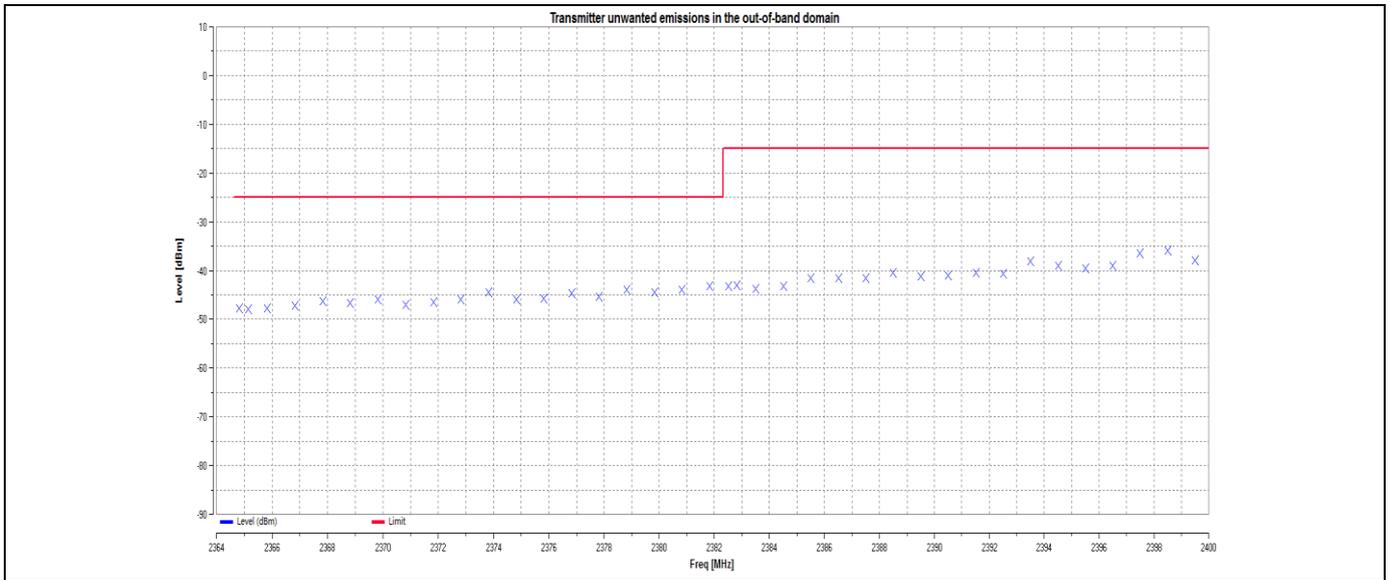
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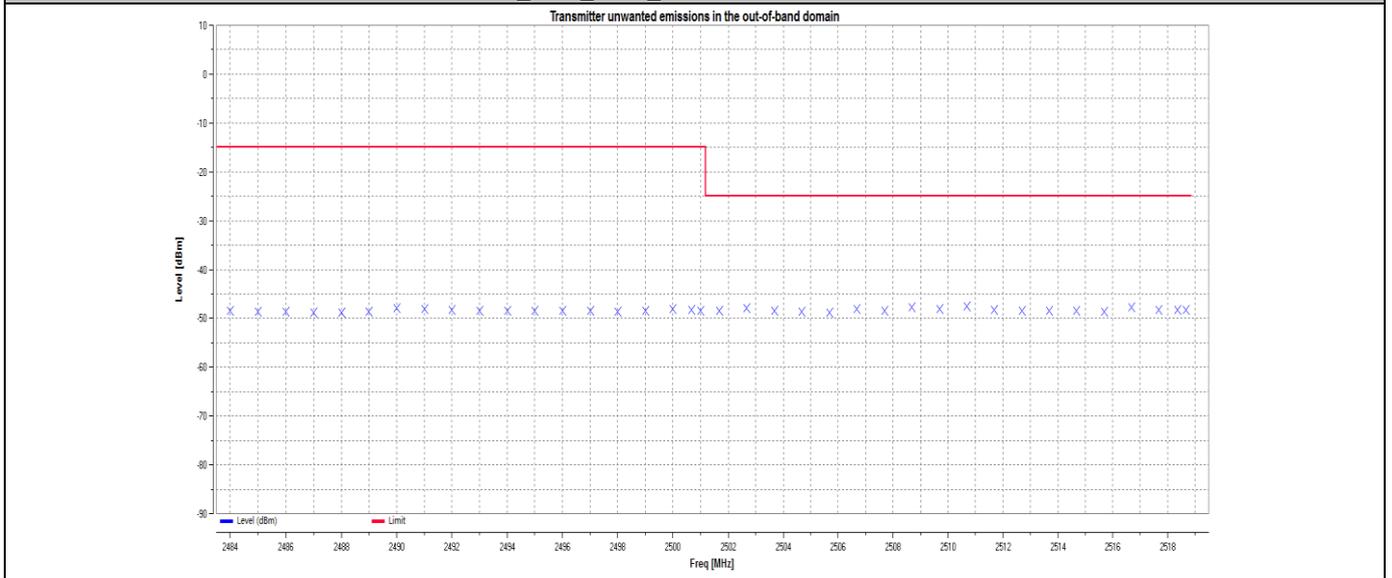
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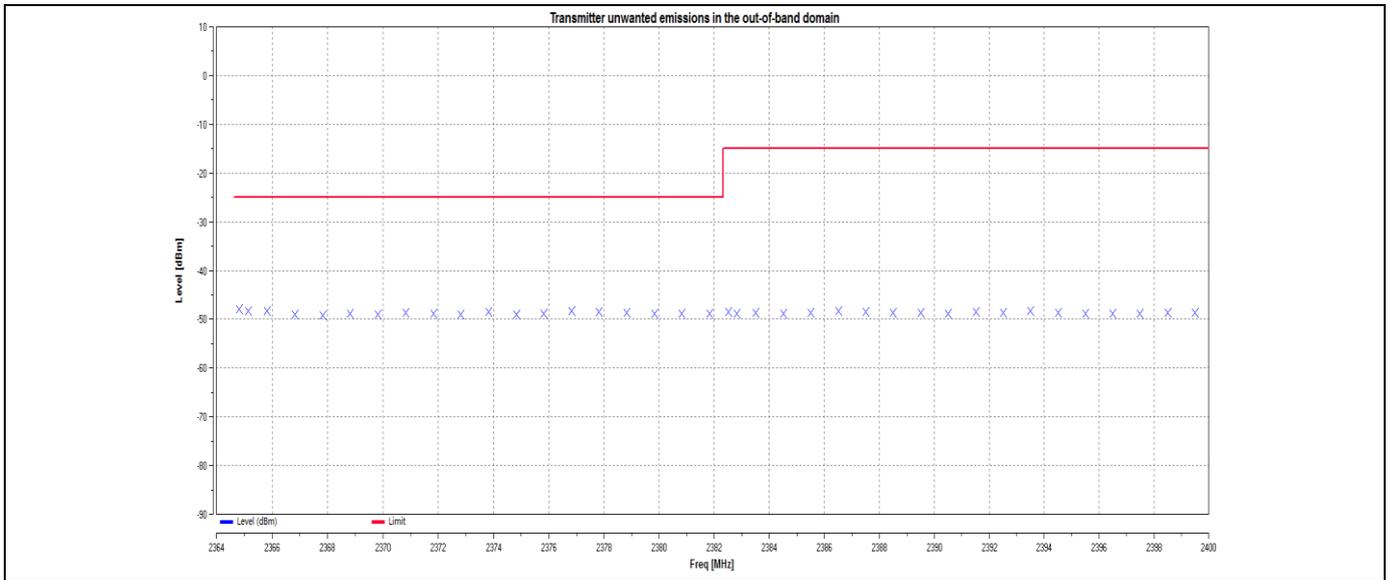
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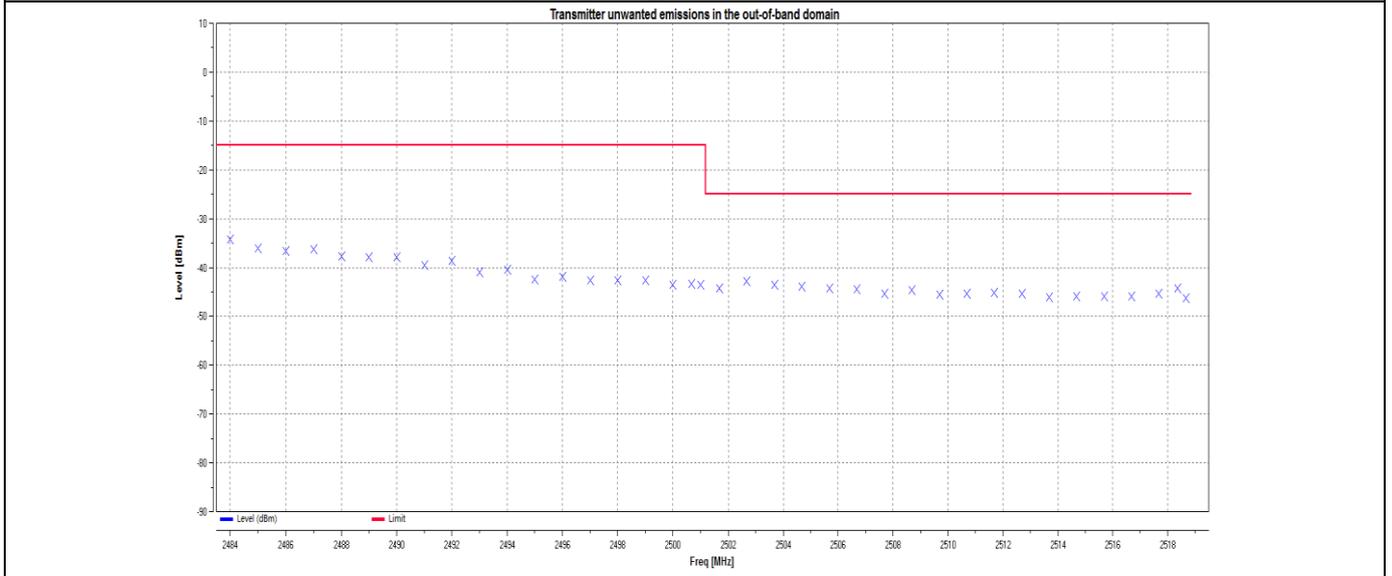
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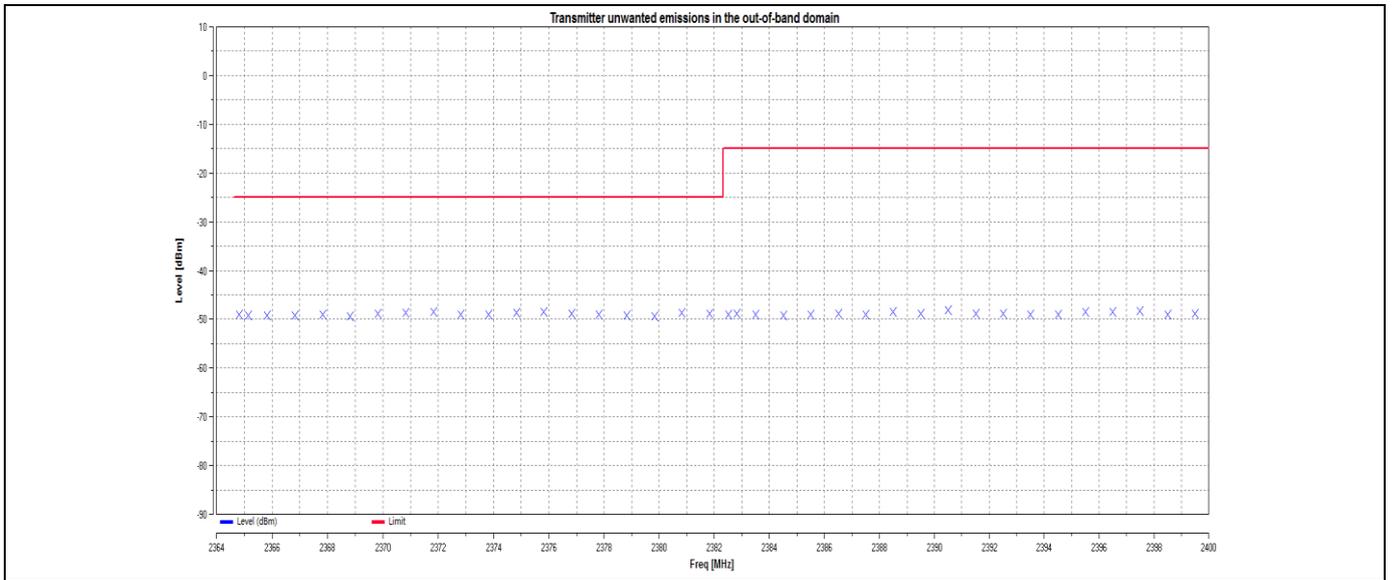
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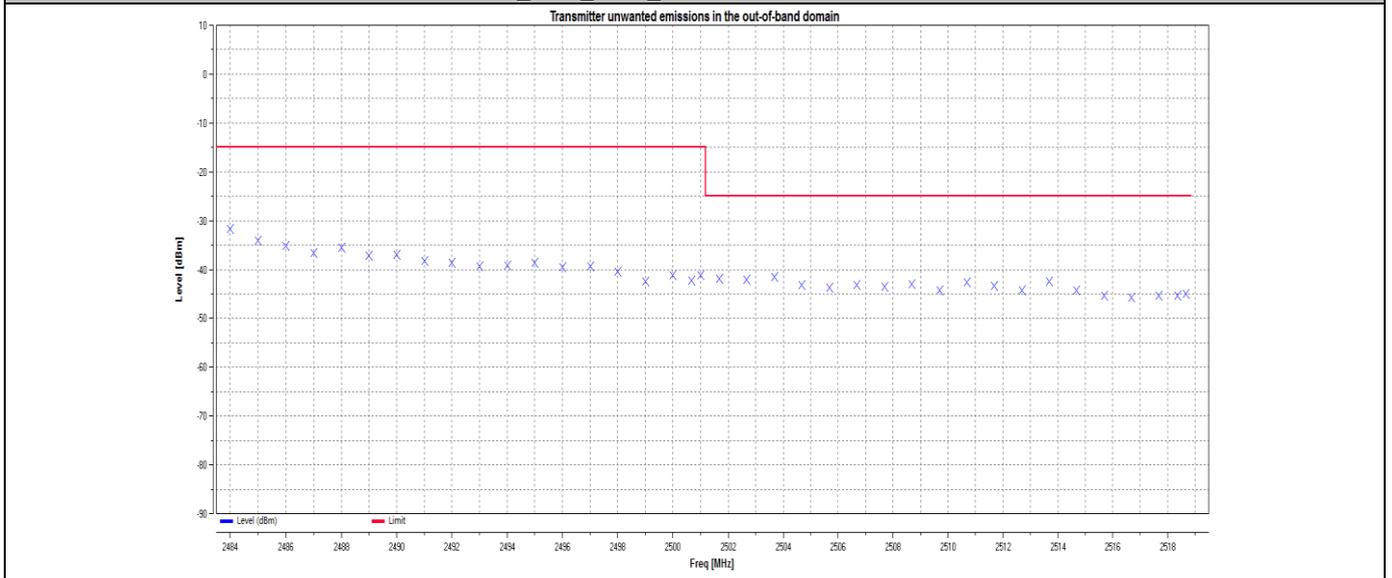
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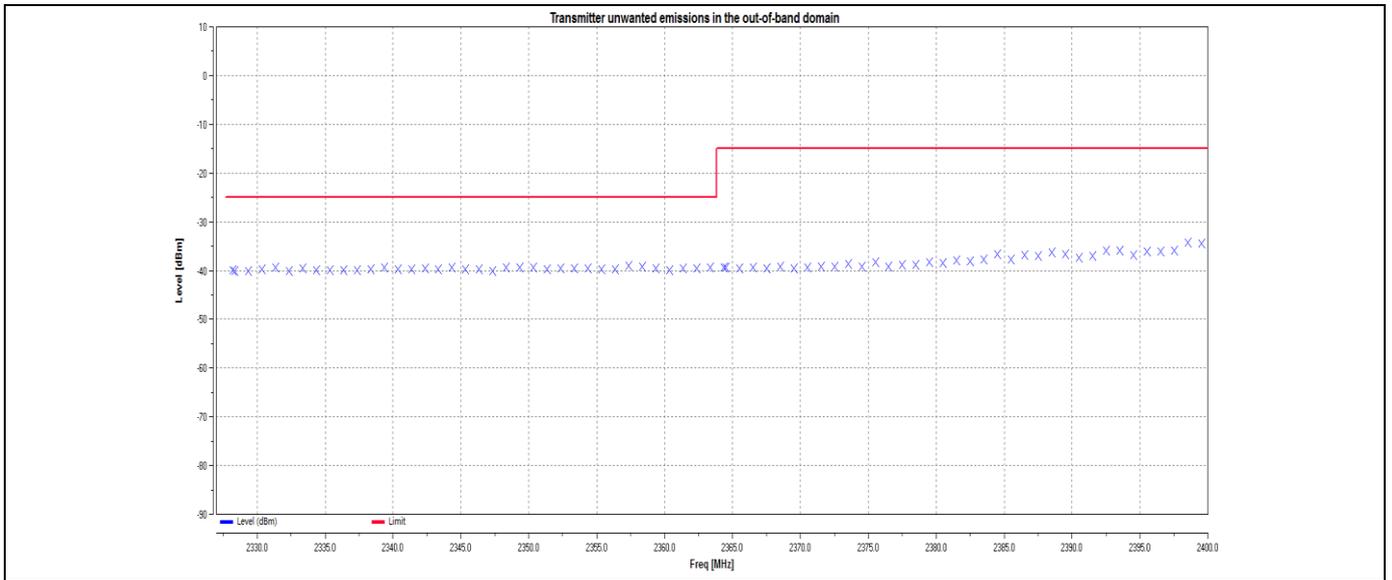
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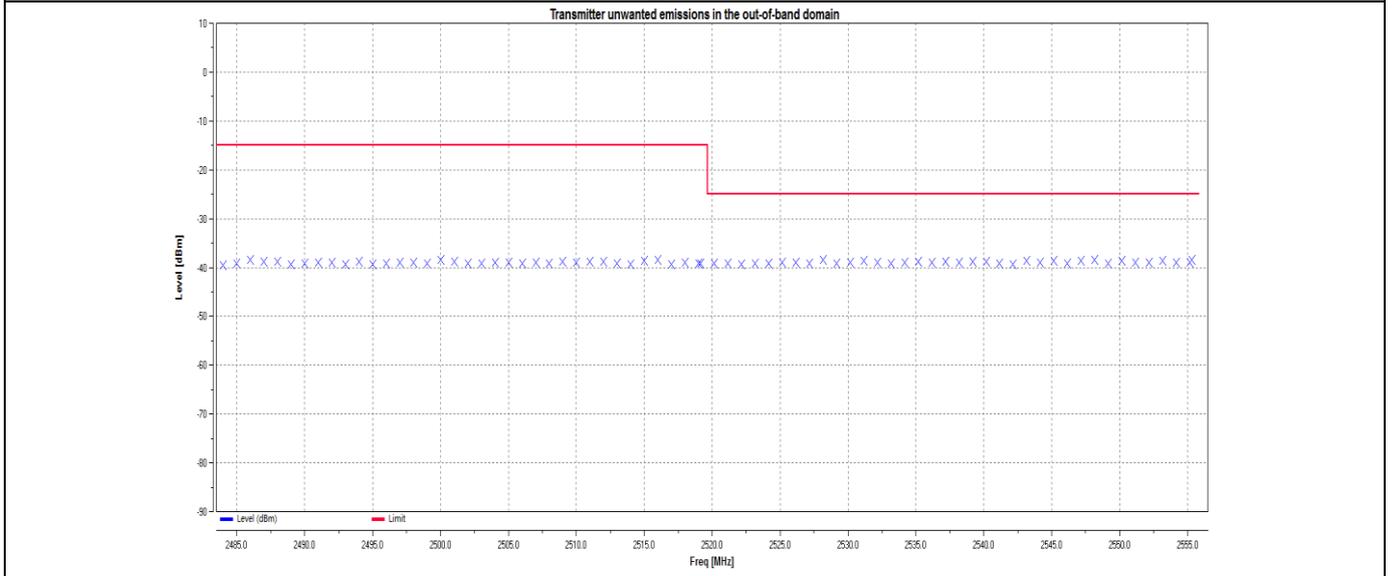
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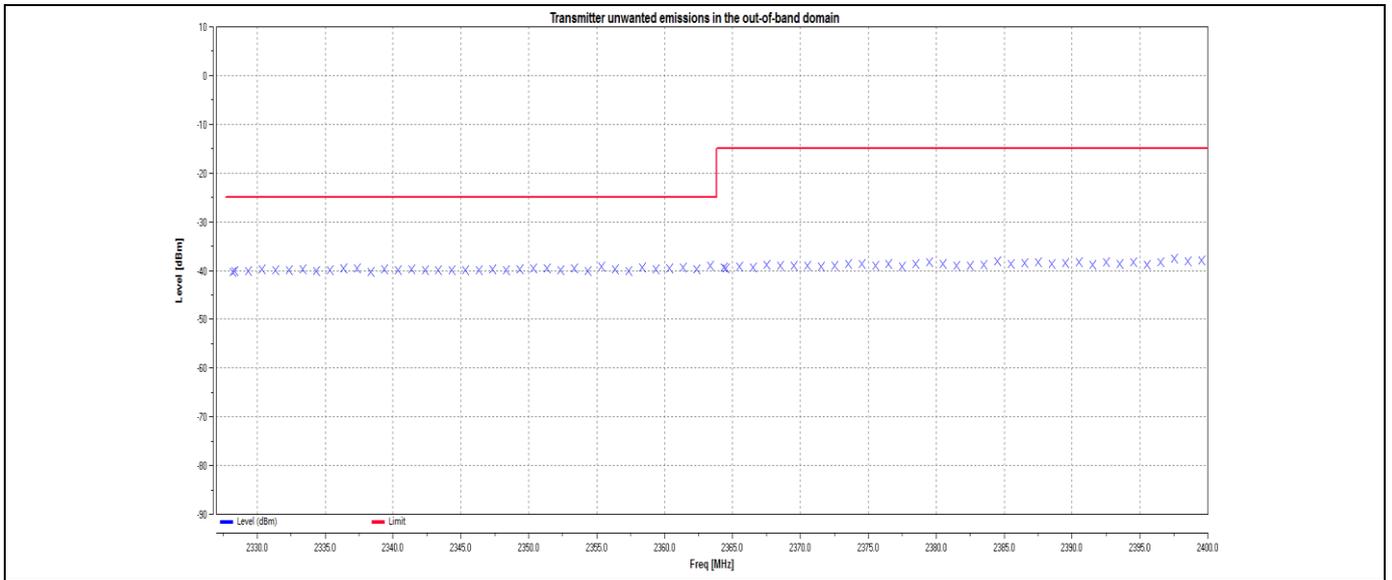
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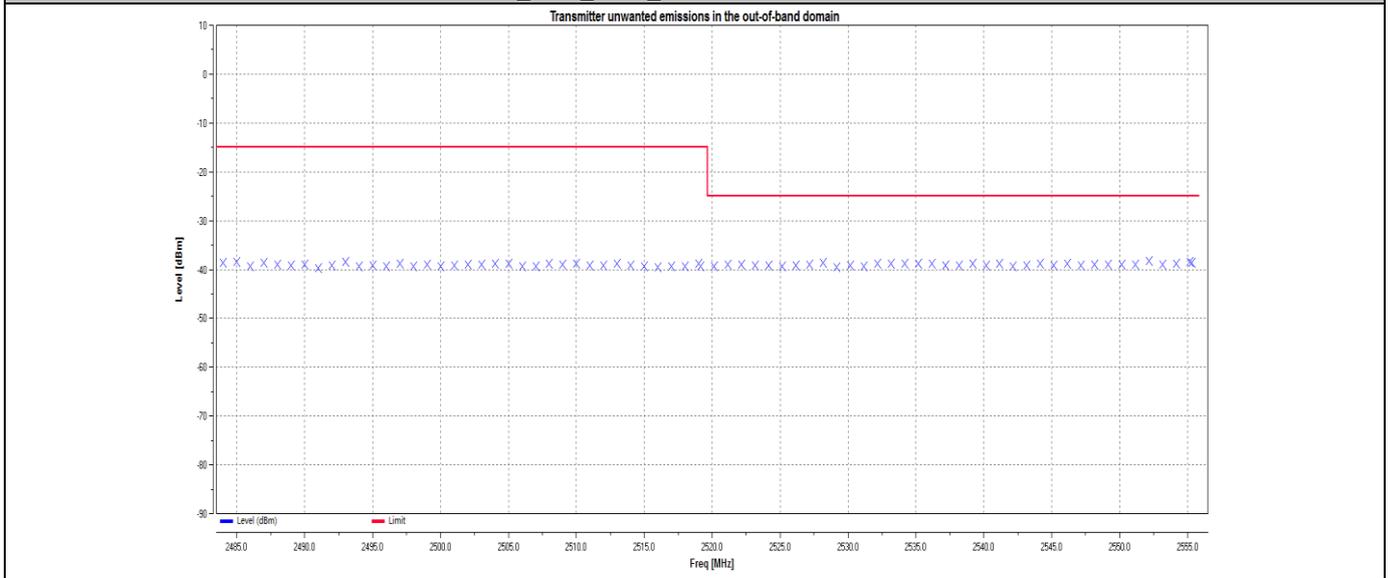
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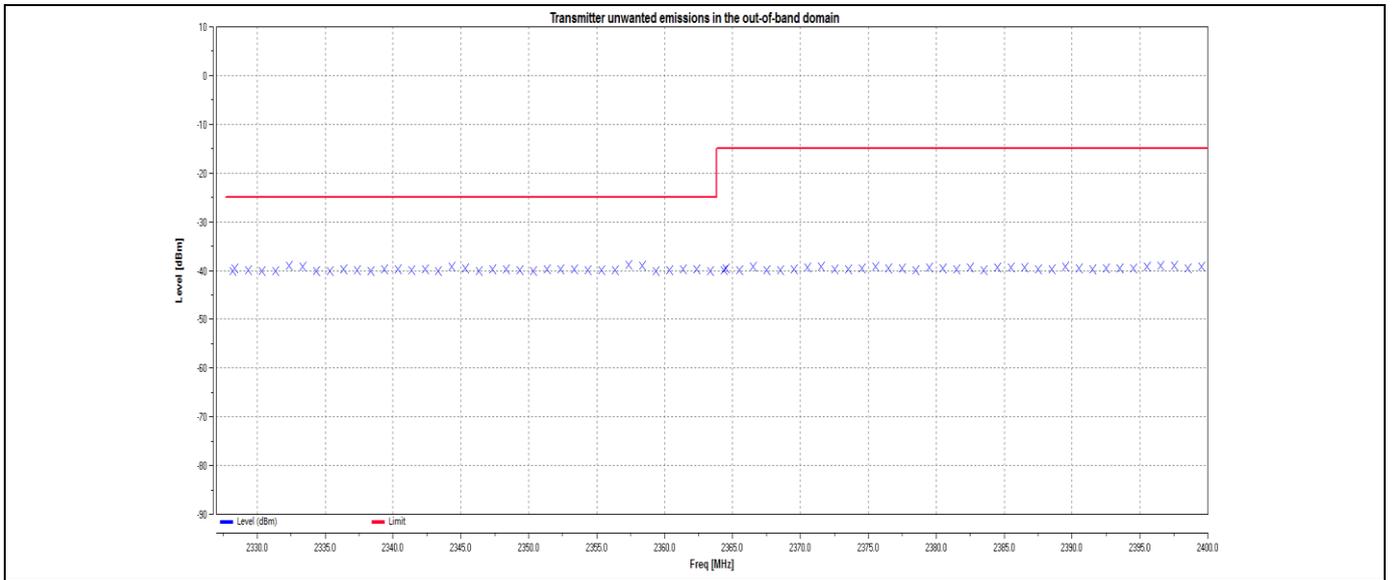
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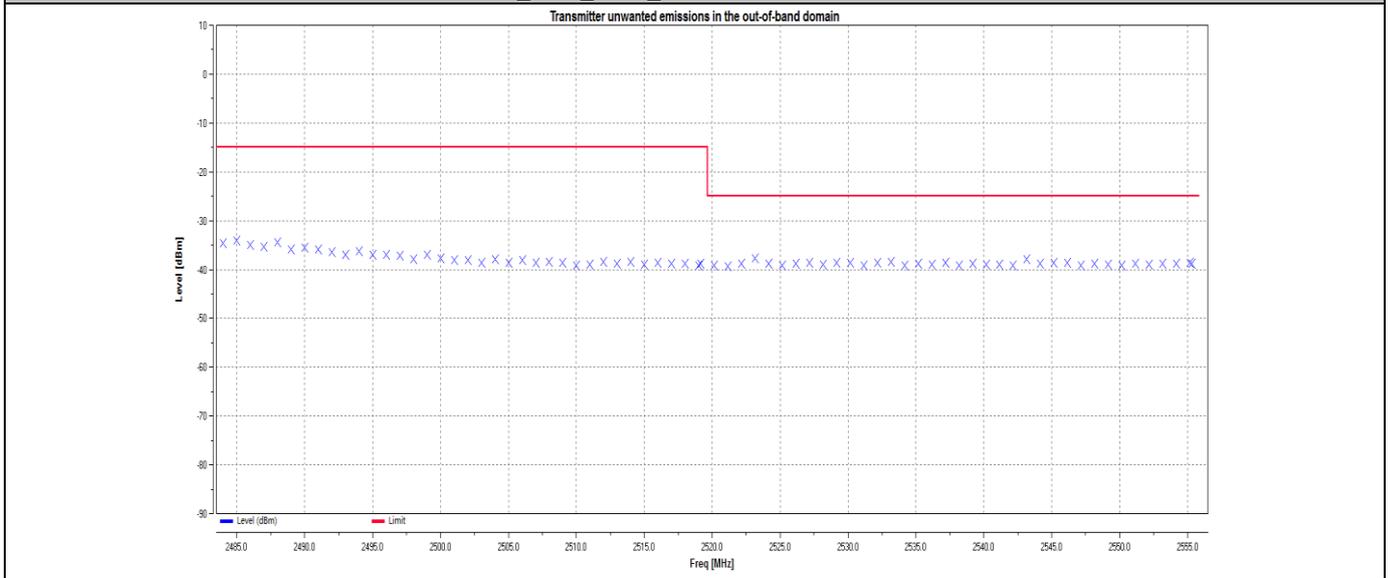
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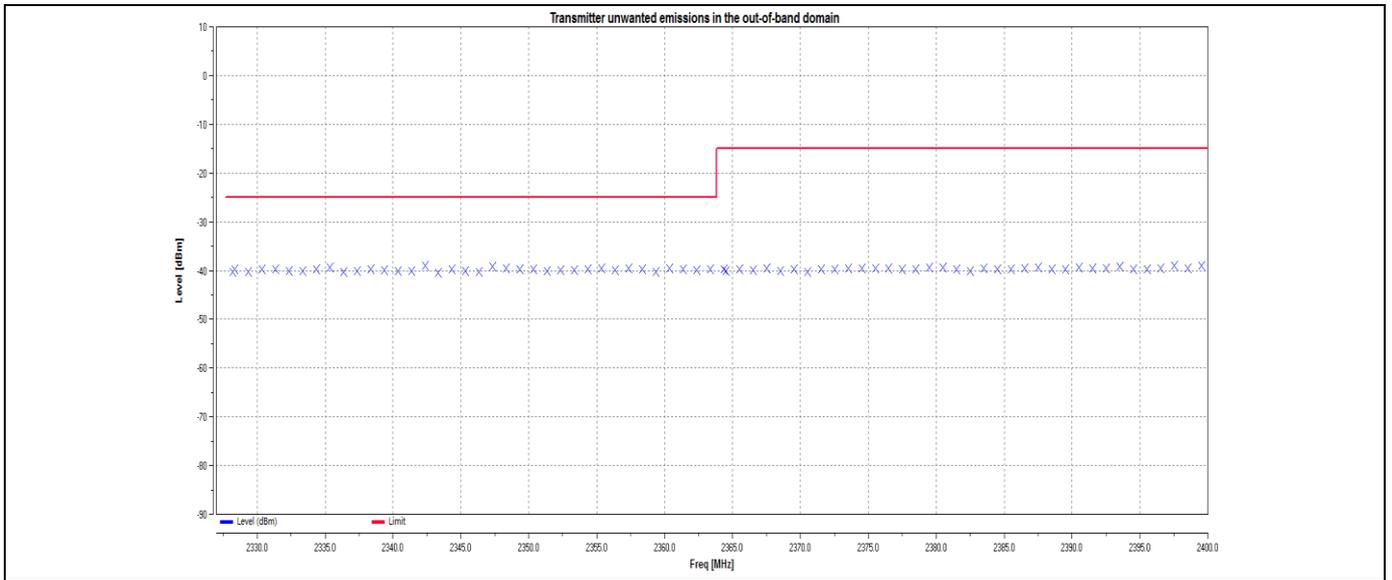
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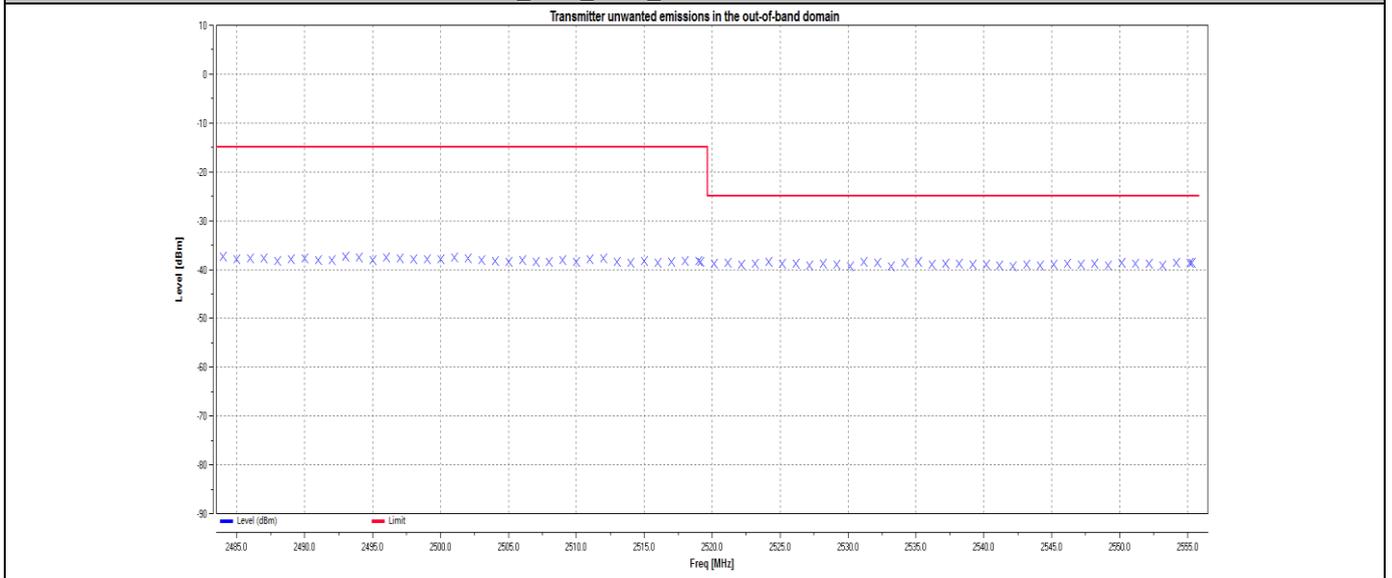
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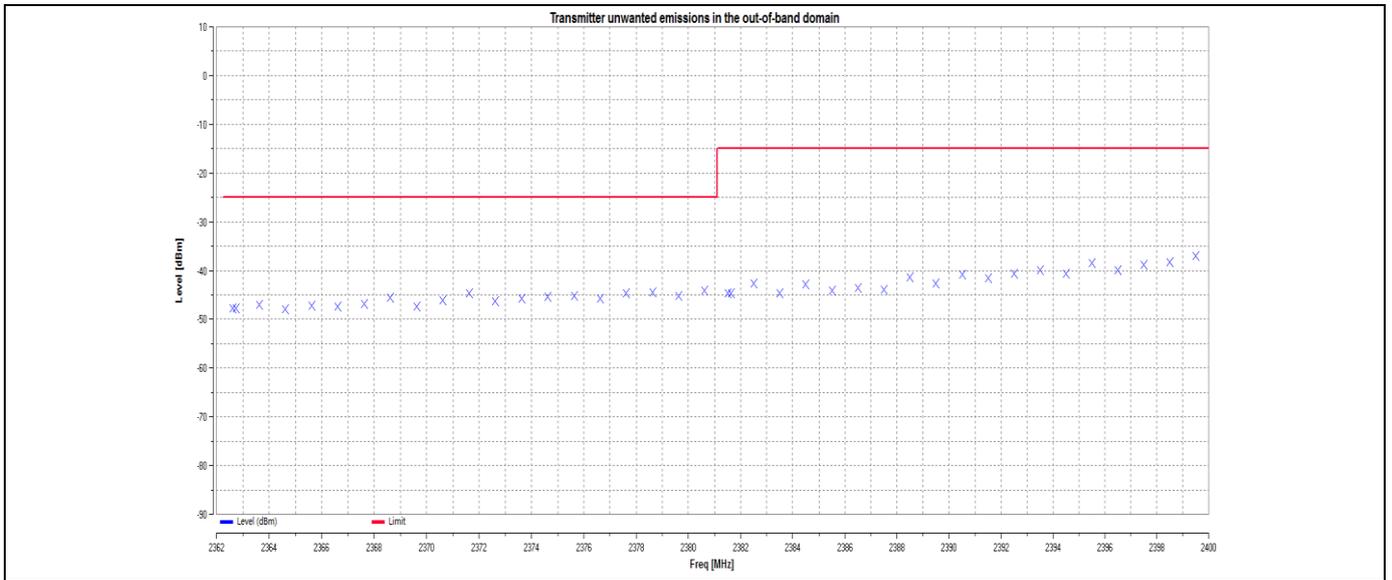
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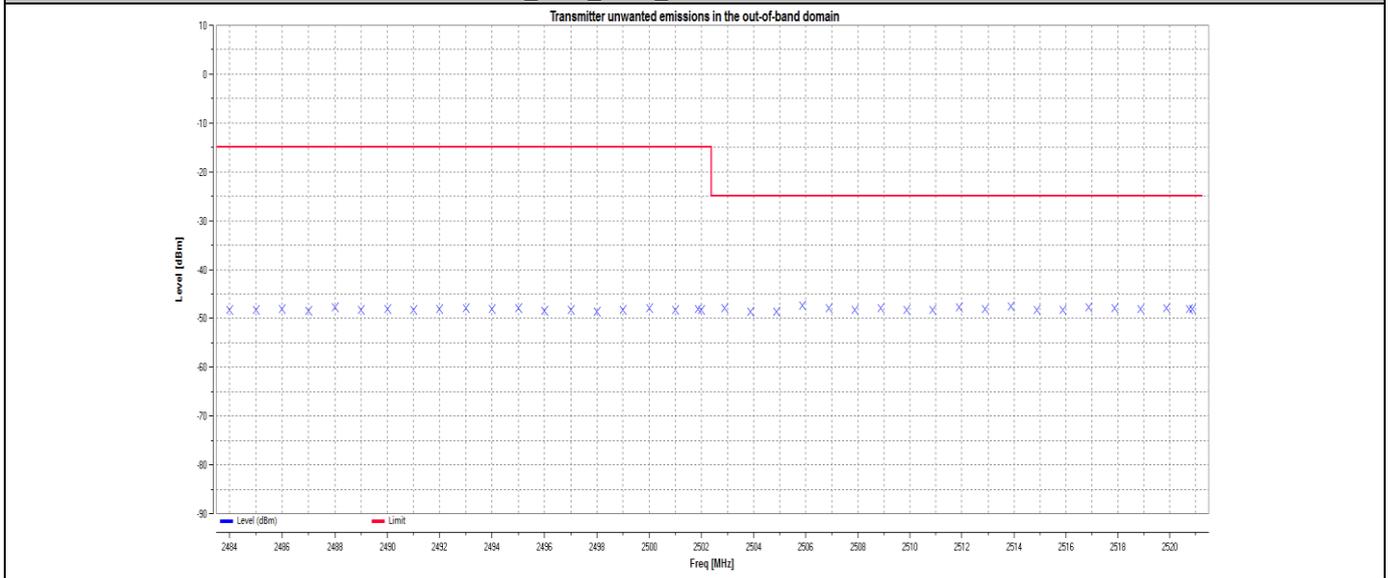
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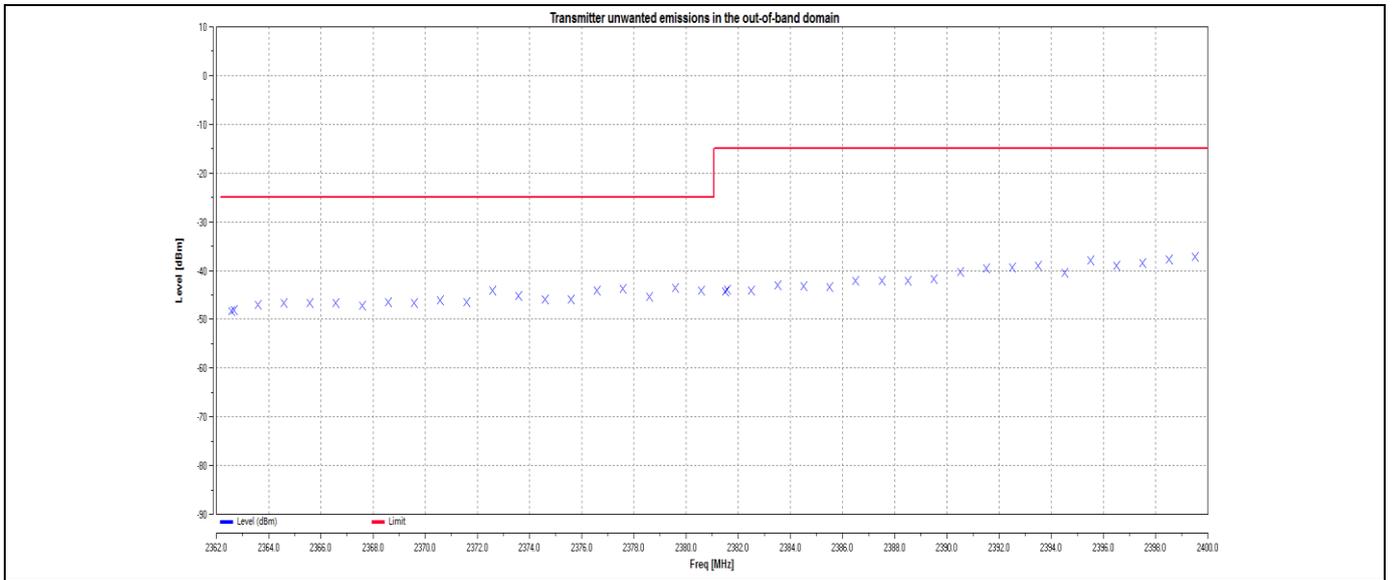
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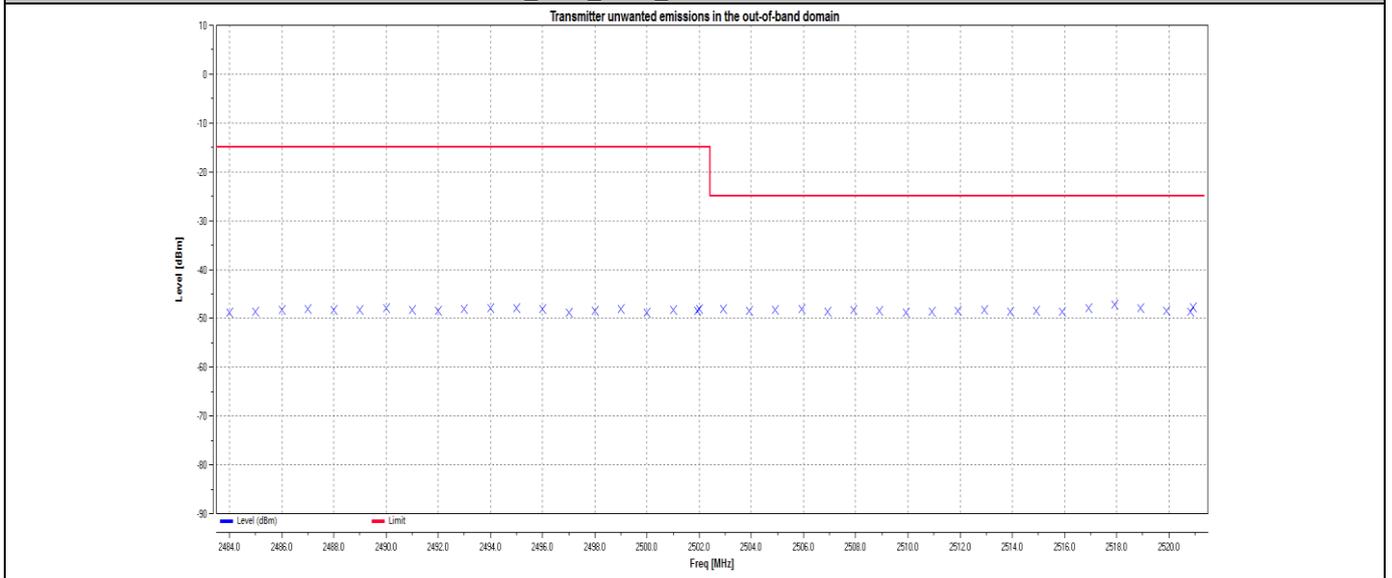
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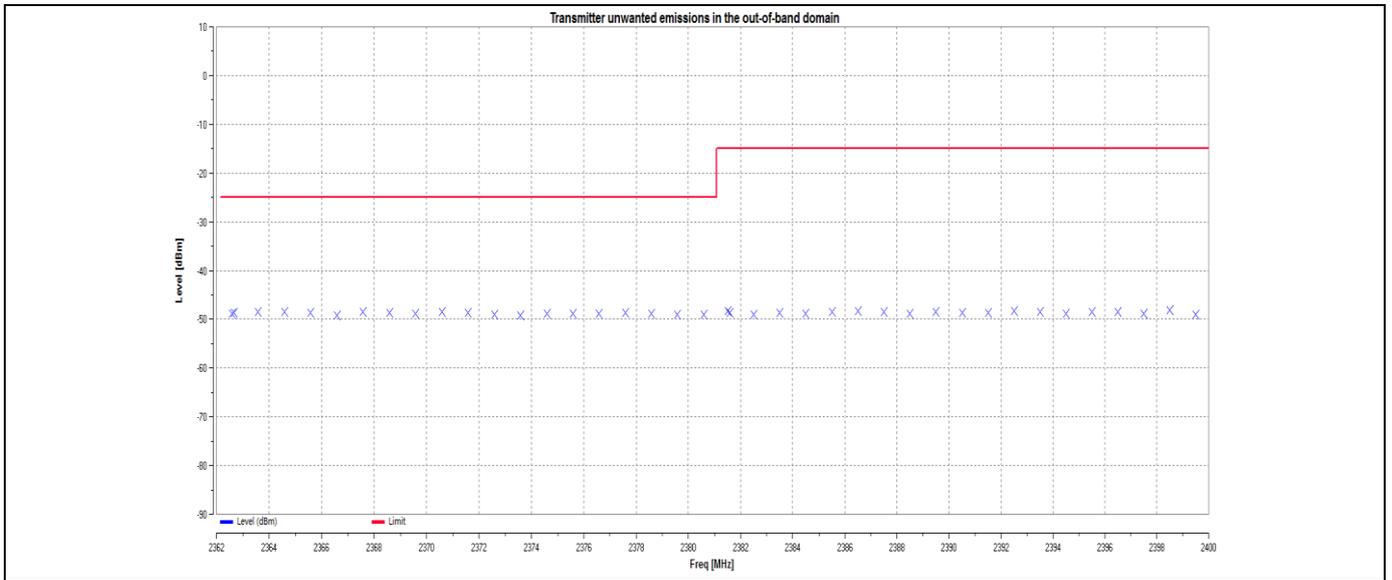
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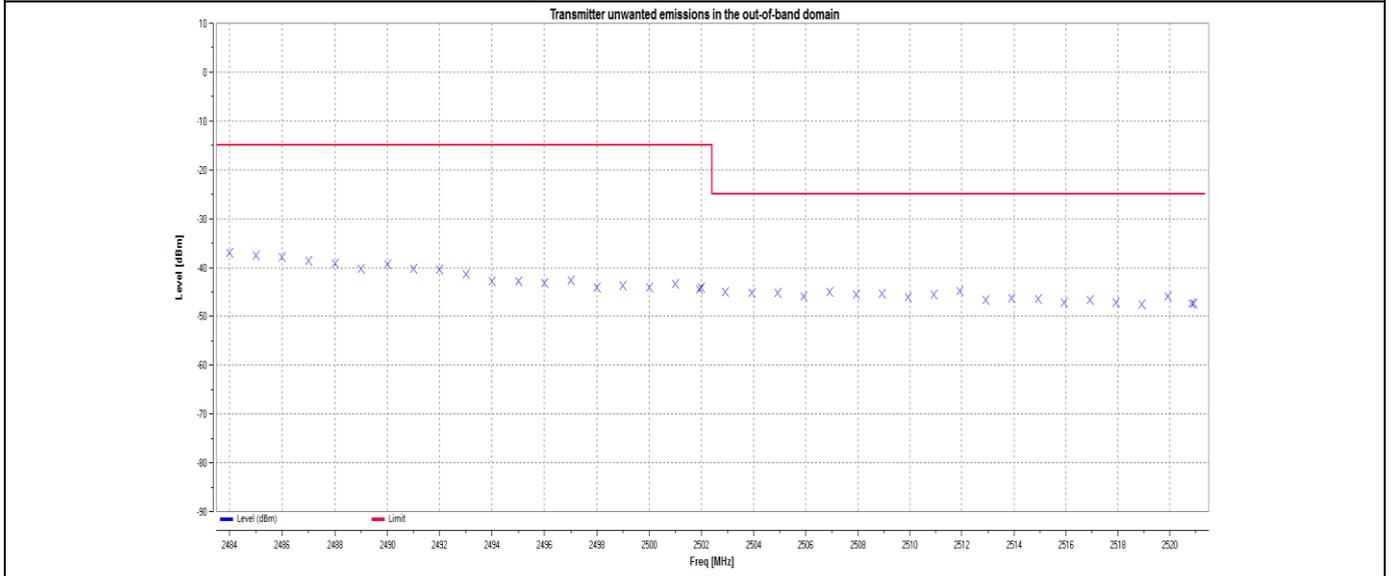
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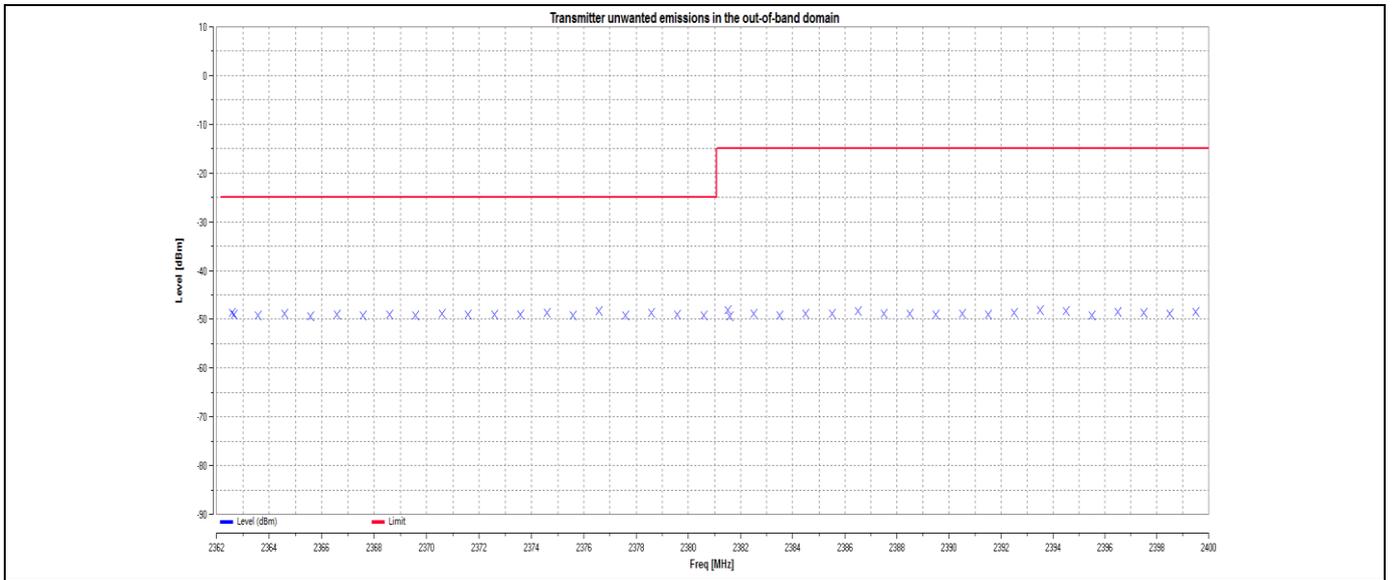
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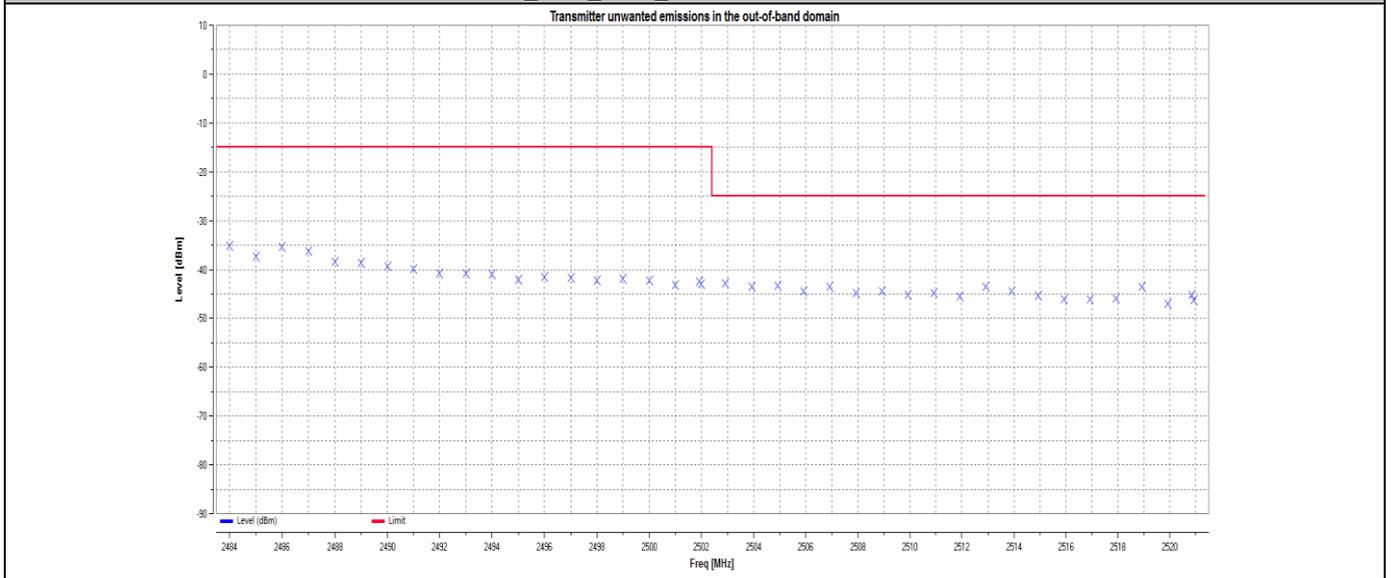
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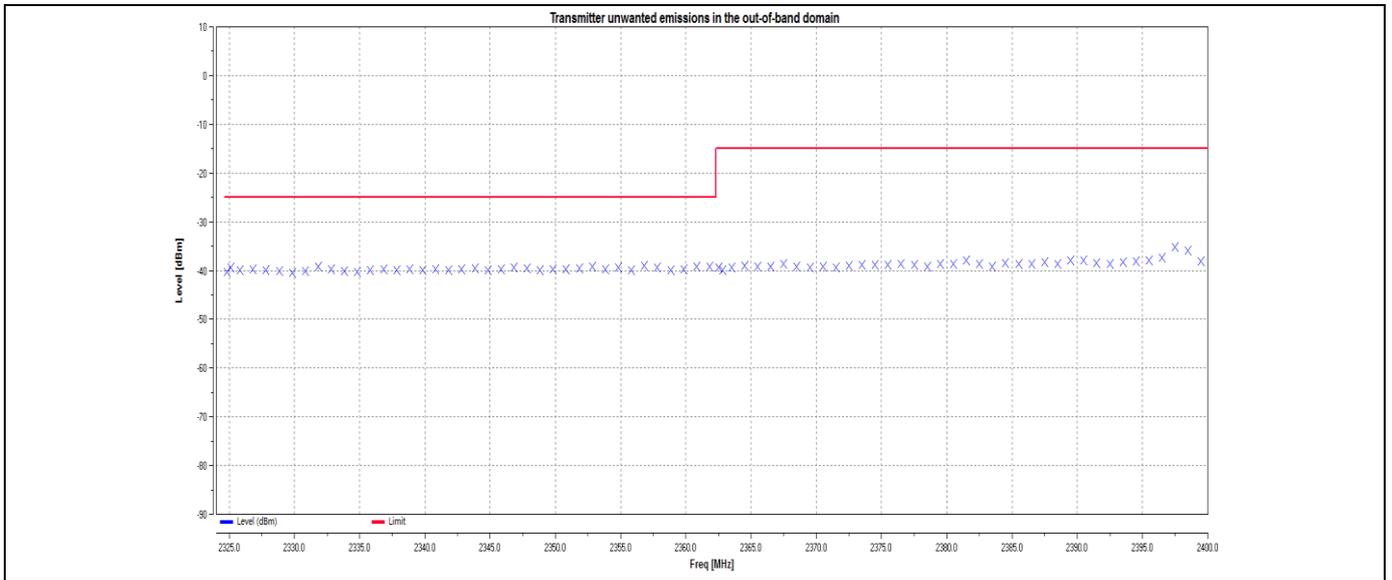
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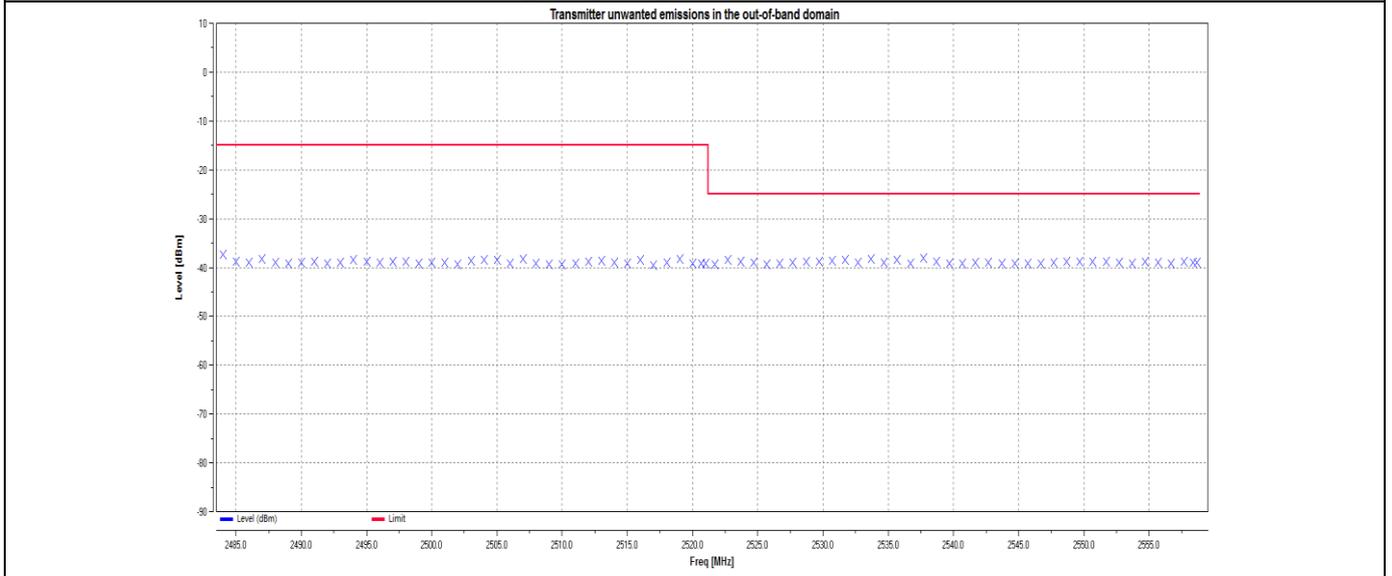
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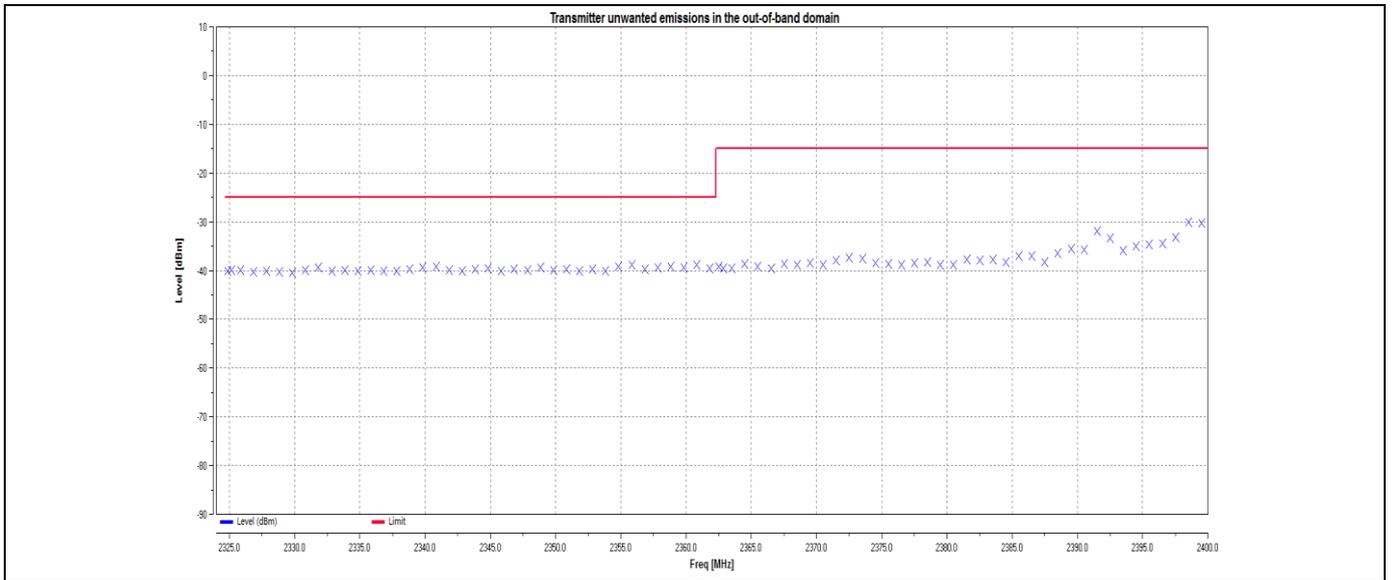
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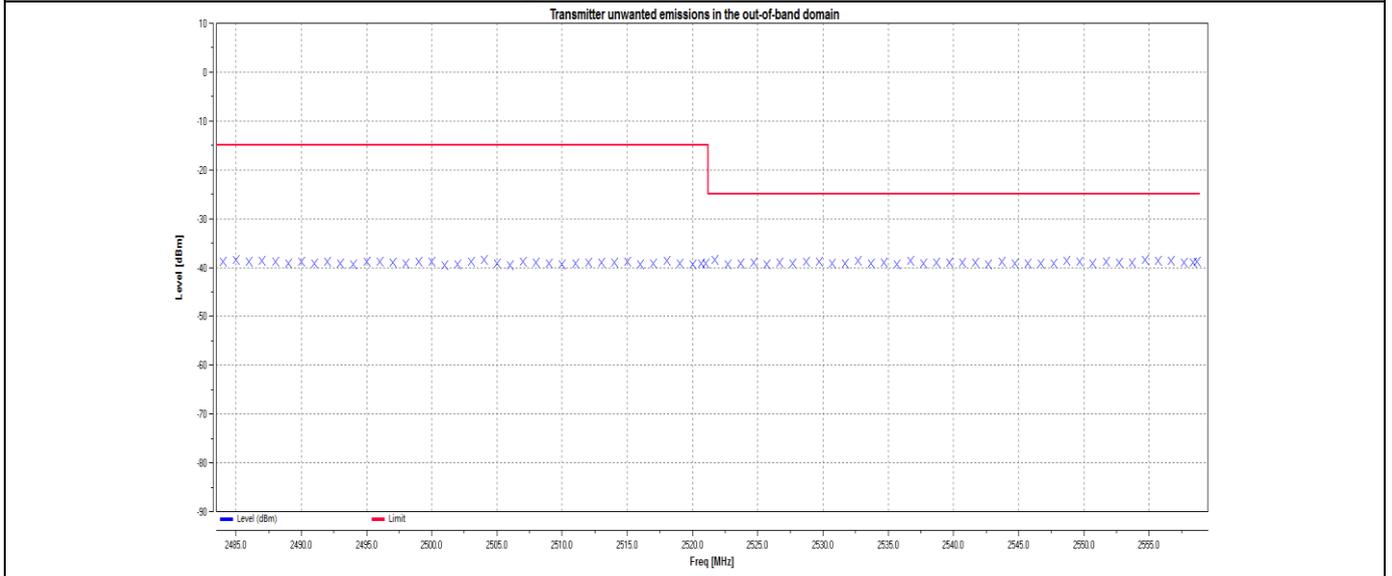
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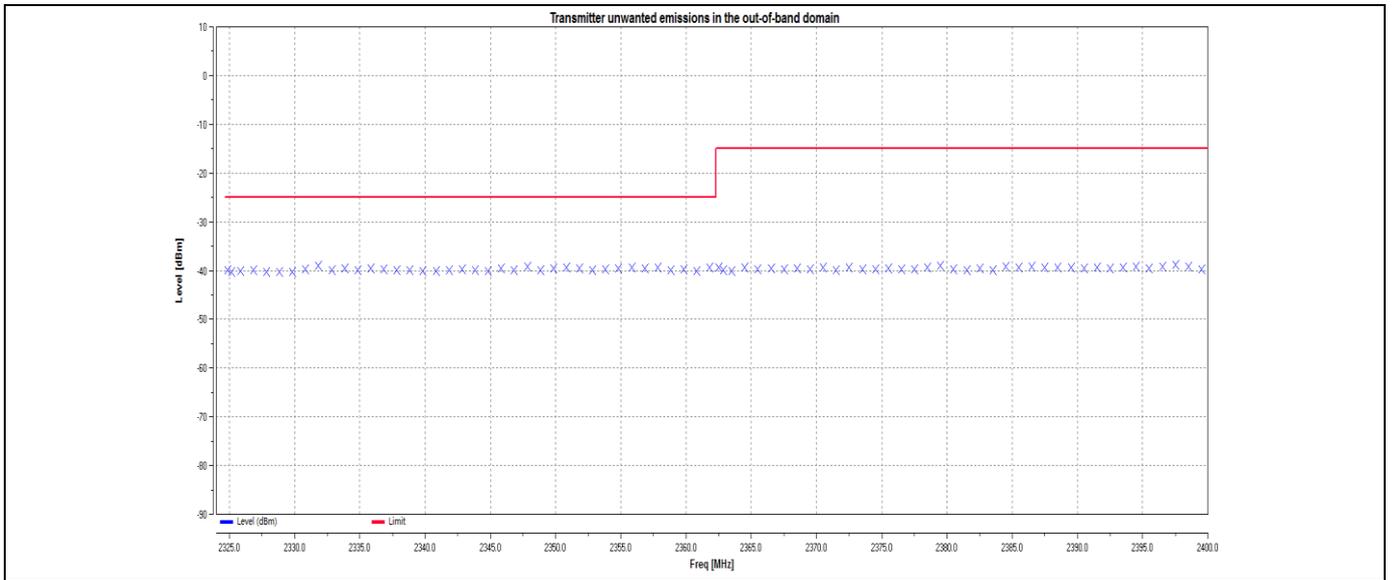
11AX40MIMO_Ant2_2422_2400MHz-2BW to 2400MHz



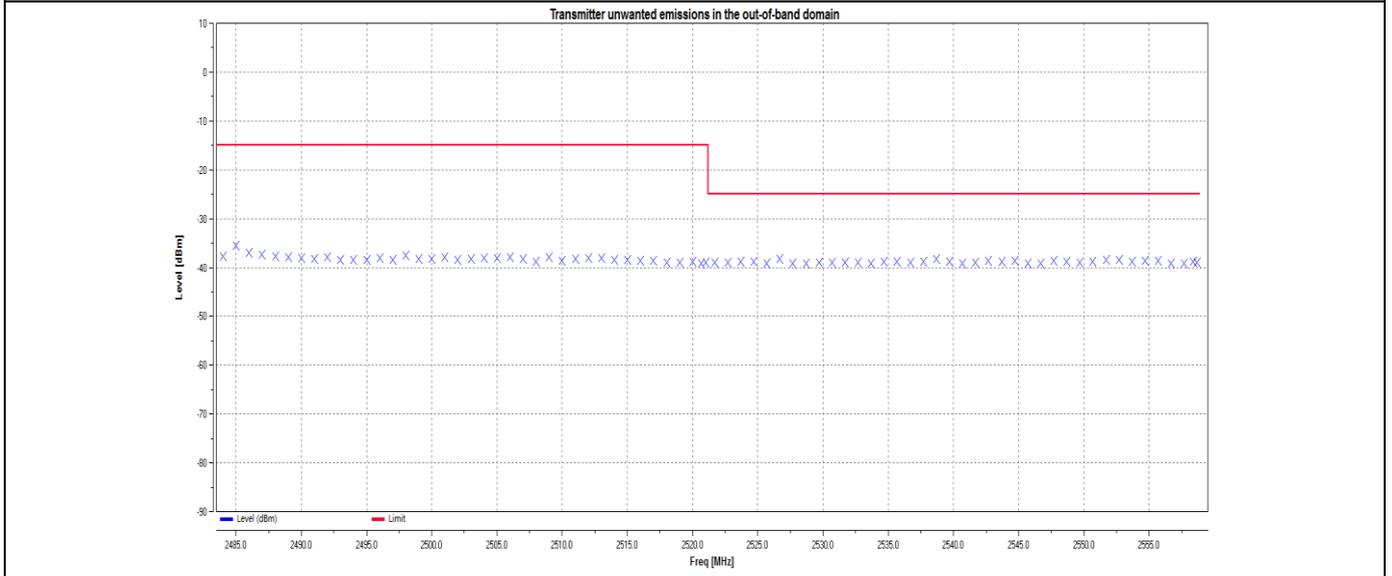
11AX40MIMO_Ant2_2422_2483.5MHz to 2483.5MHz+2BW



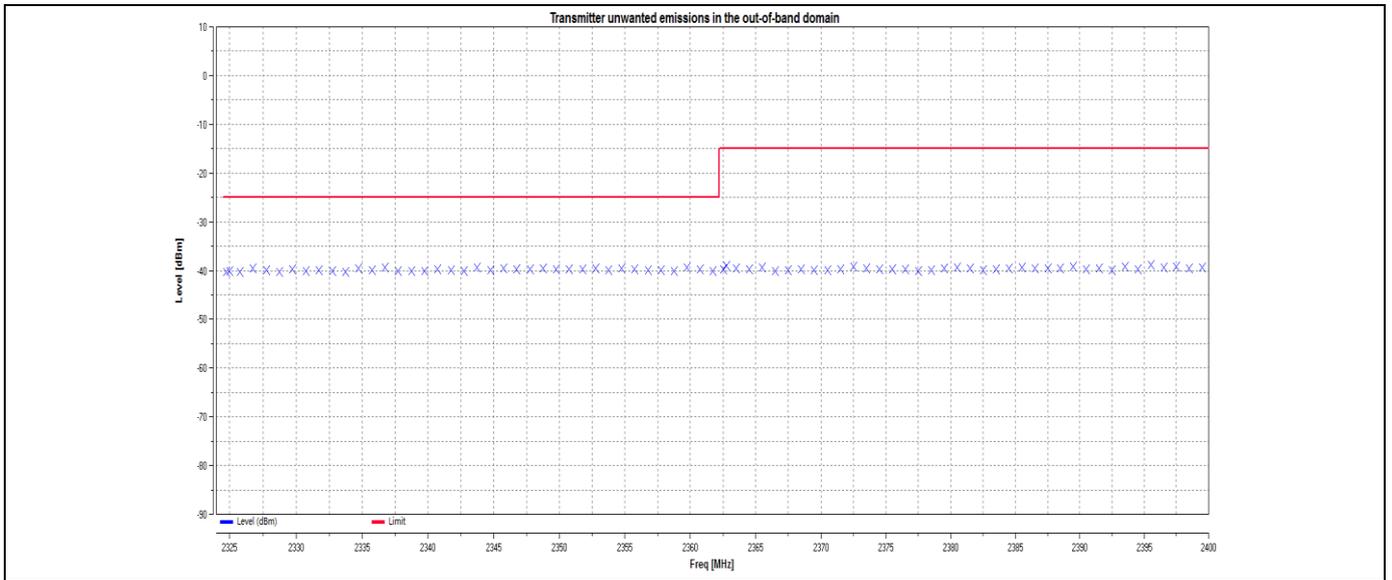
11AX40MIMO_Ant1_2462_2400MHz-2BW to 2400MHz



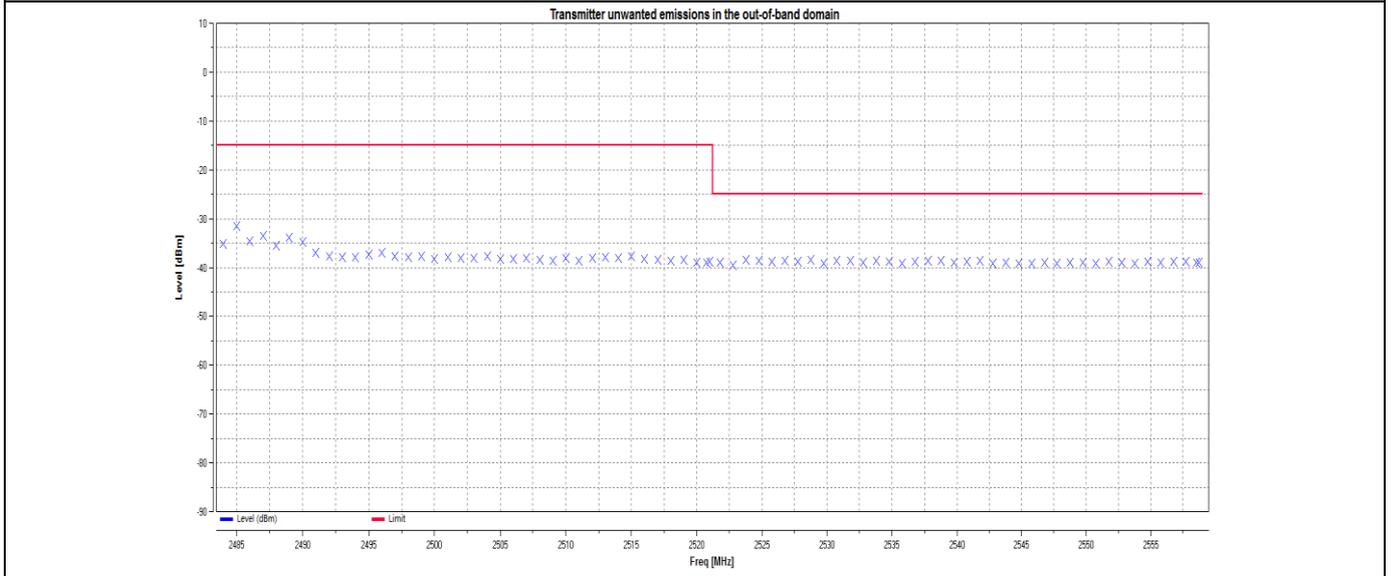
11AX40MIMO_Ant1_2462_2483.5MHz to 2483.5MHz+2BW



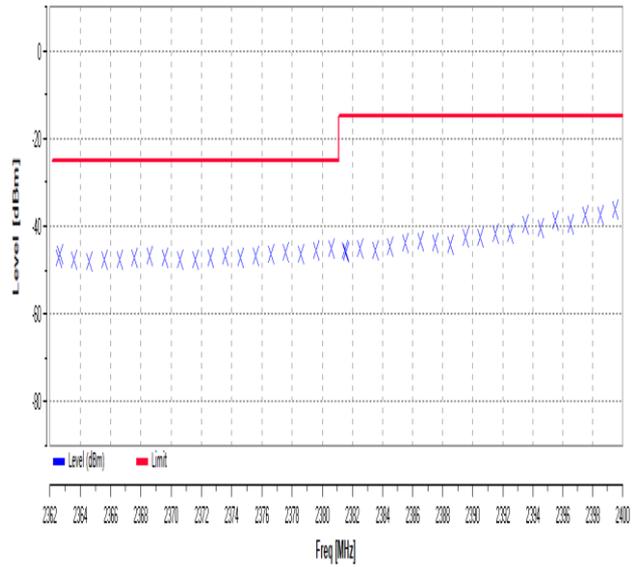
11AX40MIMO_Ant2_2462_2400MHz-2BW to 2400MHz



11AX40MIMO_Ant2_2462_2483.5MHz to 2483.5MHz+2BW

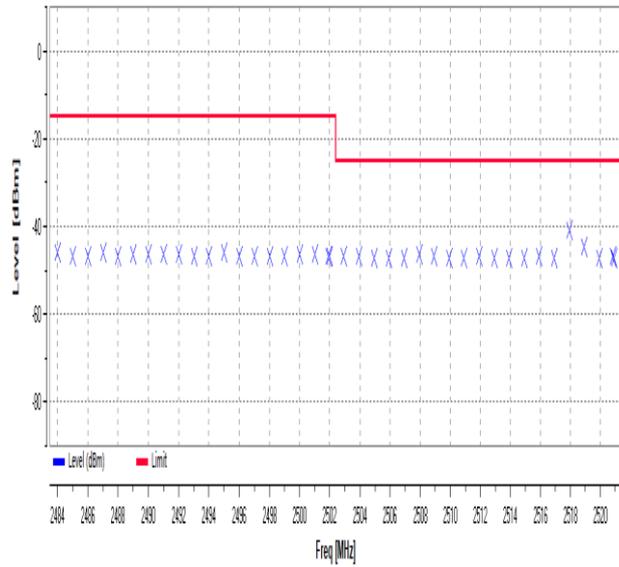


Transmitter unwanted emissions in the out-of-band domain



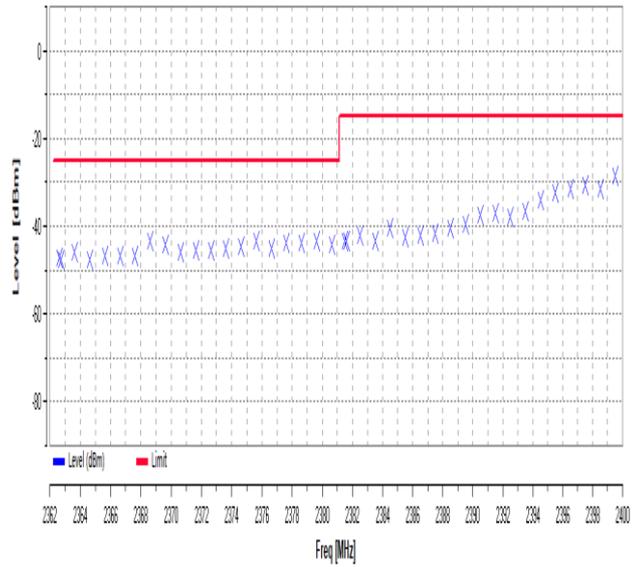
11BE20MIMO-Ant1-2412-PASS

Transmitter unwanted emissions in the out-of-band domain



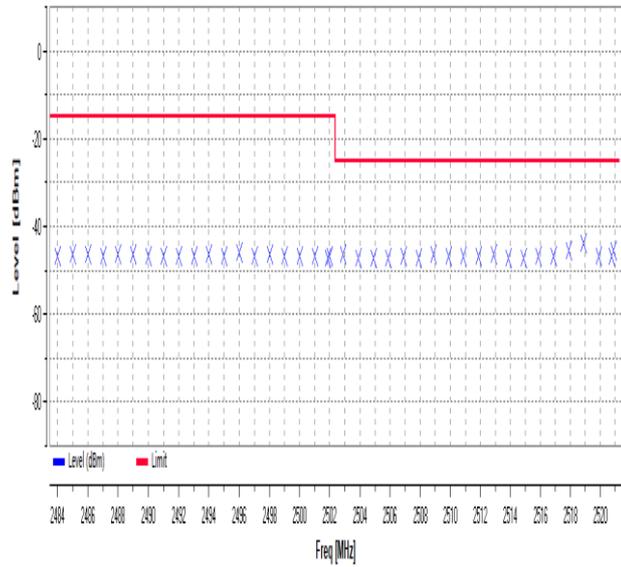
11BE20MIMO-Ant1-2412-PASS

Transmitter unwanted emissions in the out-of-band domain



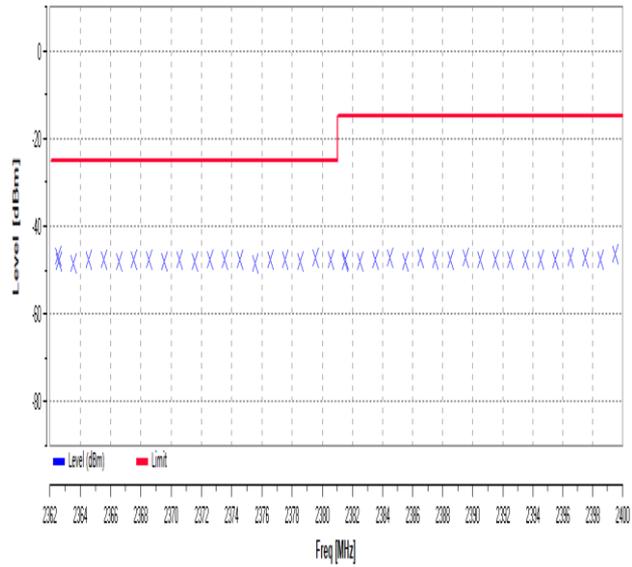
11BE20MIMO-Ant2-2412-PASS

Transmitter unwanted emissions in the out-of-band domain



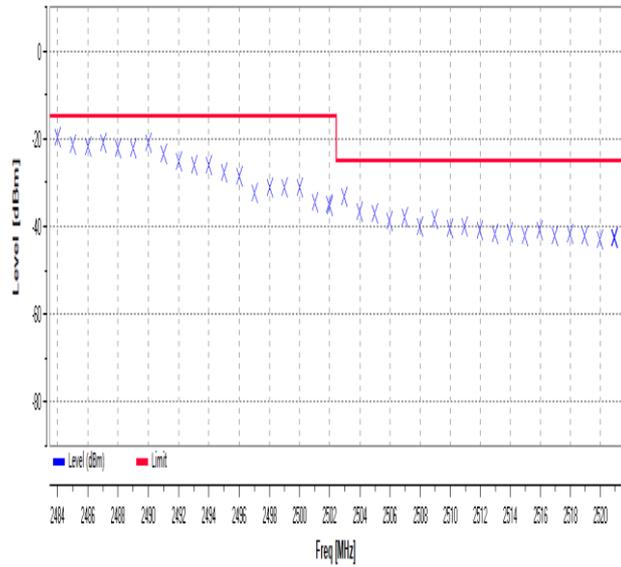
11BE20MIMO-Ant2-2412-PASS

Transmitter unwanted emissions in the out-of-band domain



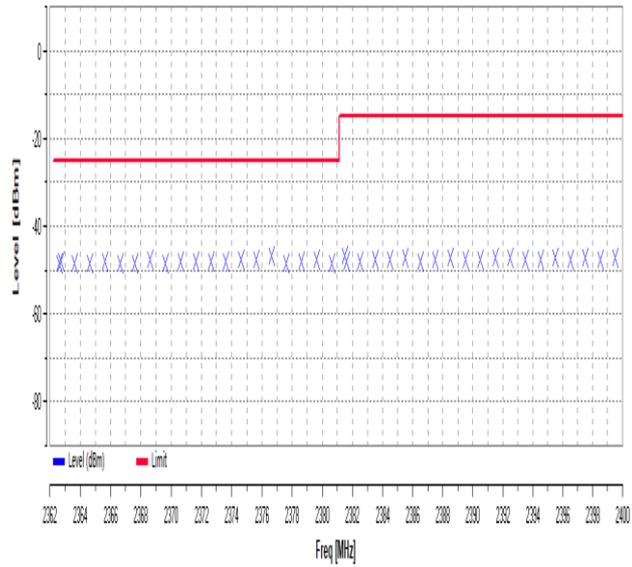
11BE20MIMO-Ant1-2472-PASS

Transmitter unwanted emissions in the out-of-band domain



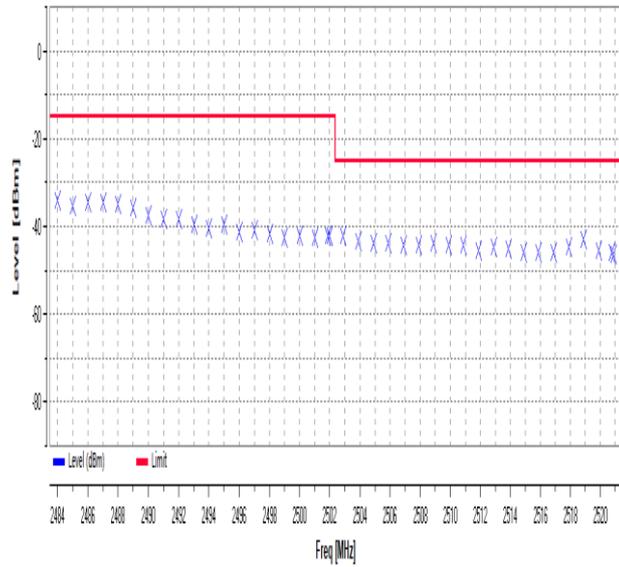
11BE20MIMO-Ant1-2472-PASS

Transmitter unwanted emissions in the out-of-band domain



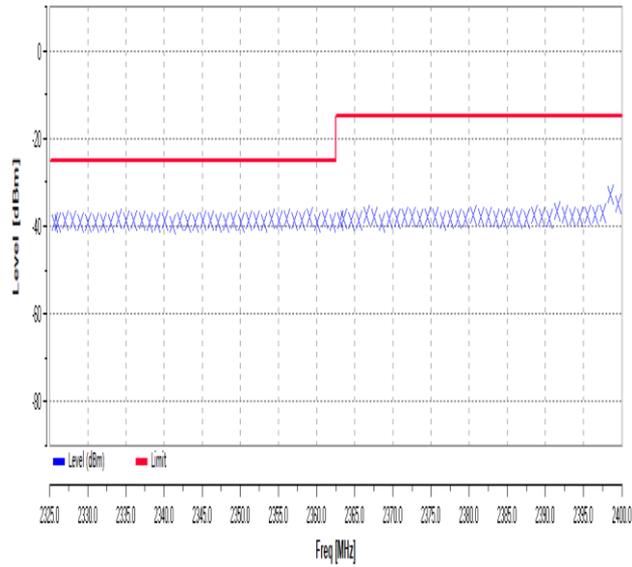
11BE20MIMO-Ant2-2472-PASS

Transmitter unwanted emissions in the out-of-band domain



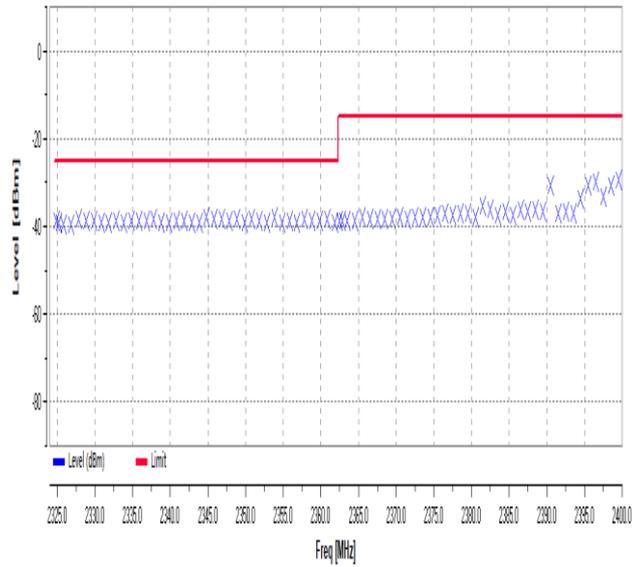
11BE20MIMO-Ant2-2472-PASS

Transmitter unwanted emissions in the out-of-band domain



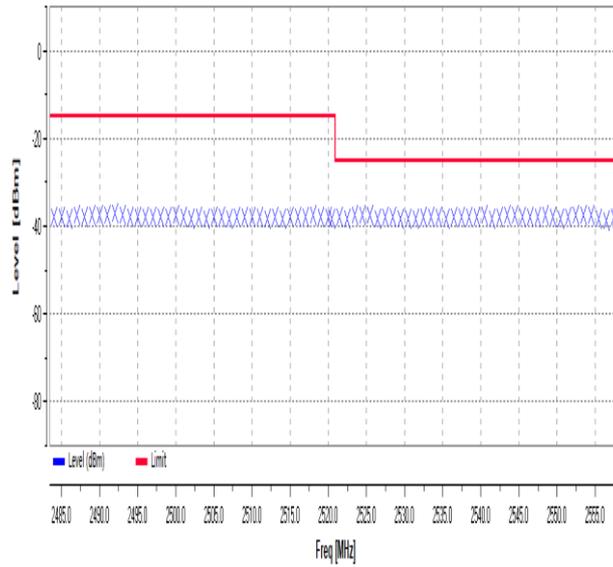
11BE40MIMO-Ant1-2422-PASS

Transmitter unwanted emissions in the out-of-band domain



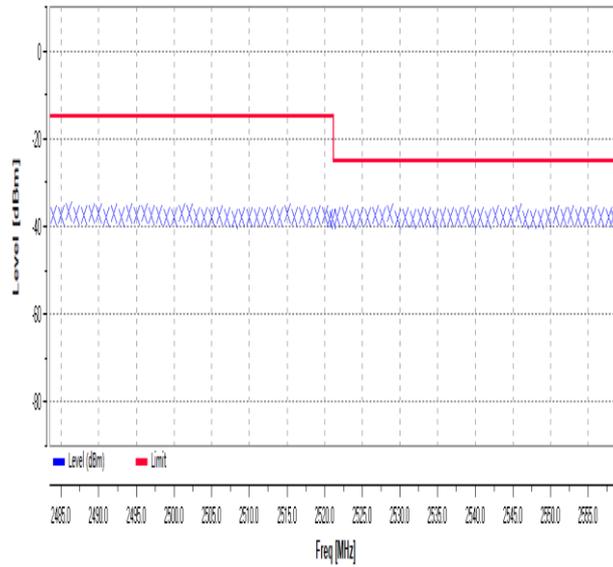
11BE40MIMO-Ant2-2422-PASS

Transmitter unwanted emissions in the out-of-band domain



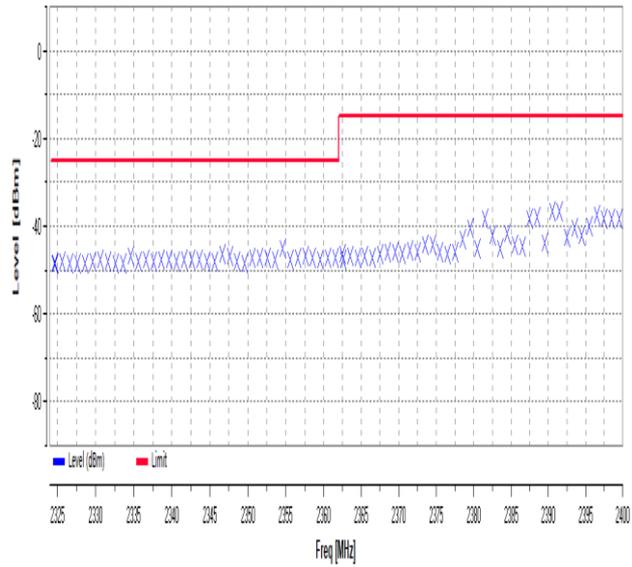
11BE40MIMO-Ant1-2422-PASS

Transmitter unwanted emissions in the out-of-band domain



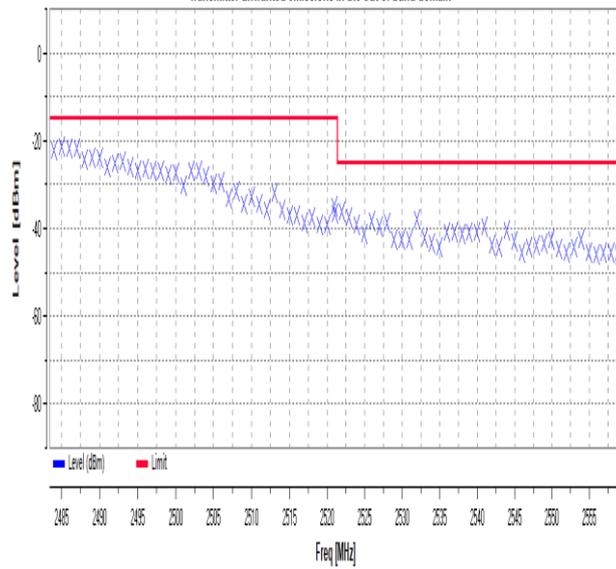
11BE40MIMO-Ant2-2422-PASS

Transmitter unwanted emissions in the out-of-band domain



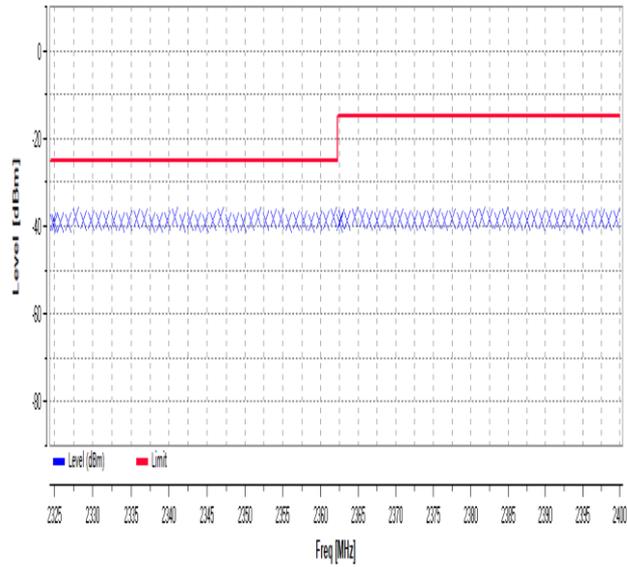
11BE40MIMO-Ant1-2462-PASS

Transmitter unwanted emissions in the out-of-band domain



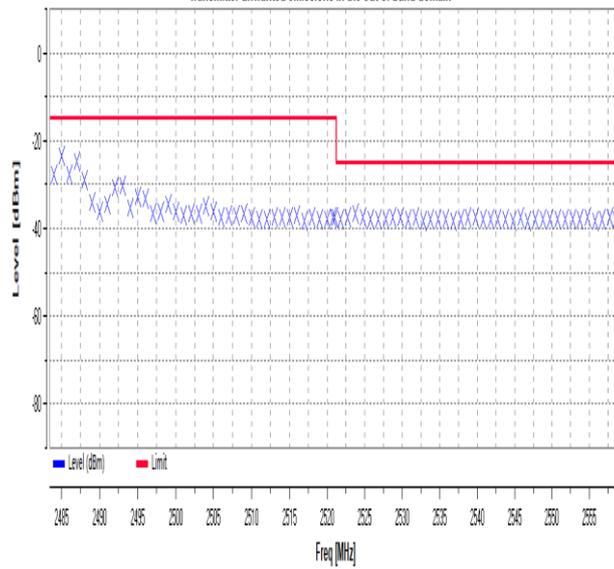
11BE40MIMO-Ant1-2462-PASS

Transmitter unwanted emissions in the out-of-band domain



11BE40MIMO-Ant2-2462-PASS

Transmitter unwanted emissions in the out-of-band domain



11BE40MIMO-Ant2-2462-PASS

Appendix E: Transmitter unwanted emissions in the spurious domain

Test Result-Pre-scan

TestMode	Antenna	Channel	Freq. [MHz]	Level[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	74.23	-64.98	-36	PASS
			4824.13	-37.49	-30	PASS
			7237.17	-49.01	-30	PASS
	Ant2	2412	832.38	-69.05	-36	PASS
			4824	-36.42	-30	PASS
			7234.84	-45.38	-30	PASS
	Ant1	2472	860.71	-70.74	-36	PASS
			4944.13	-36.78	-30	PASS
			7417.23	-48.59	-30	PASS
	Ant2	2472	860.93	-71.05	-36	PASS
			4944.00	-35.59	-30	See table below
			7414.90	-44.54	-30	PASS
11G	Ant1	2412	264.26	-58.31	-36	PASS
			2365.60	-35.88	-30	See table below
			4825.87	-33.04	-30	See table below
			7232.52	-39.20	-30	PASS
	Ant2	2412	838.11	-65.89	-36	PASS
			4822.40	-33.30	-30	See table below
			7238.72	-36.43	-30	PASS
	Ant1	2472	108.76	-70.99	-54	PASS
			4945.20	-32.29	-30	See table below
			7412.83	-39.51	-30	PASS
	Ant2	2472	668.16	-71.91	-54	PASS
			2520.67	-35.03	-30	See table below
4944.53			-32.79	-30	See table below	
7416.71			-34.13	-30	See table below	
11N20MIMO	Ant1	2412	575.33	-69.56	-59.01	PASS
			4823.87	-39.63	-35.01	See table below
			7237.17	-50.41	-35.01	PASS
	Ant2	2412	97.61	-42.98	-59.01	See table below
			4829.07	-36.94	-35.01	See table below
			7235.88	-45.98	-35.01	PASS
	Ant1	2472	80.83	-71.12	-41.01	PASS
			4950.67	-38.95	-35.01	See table below
			12101.84	-51.77	-35.01	PASS
	Ant2	2472	157.17	-43.63	-41.01	See table below
			4947.20	-39.57	-35.01	See table below
			7419.81	-44.23	-35.01	PASS
11N40MIMO	Ant1	2422	576.01	-71.38	-59.01	PASS
			4843.07	-42.74	-35.01	PASS
			12536.62	-51.5	-35.01	PASS
	Ant2	2422	838.72	-70.8	-41.01	PASS
			4840.4	-41.93	-35.01	PASS

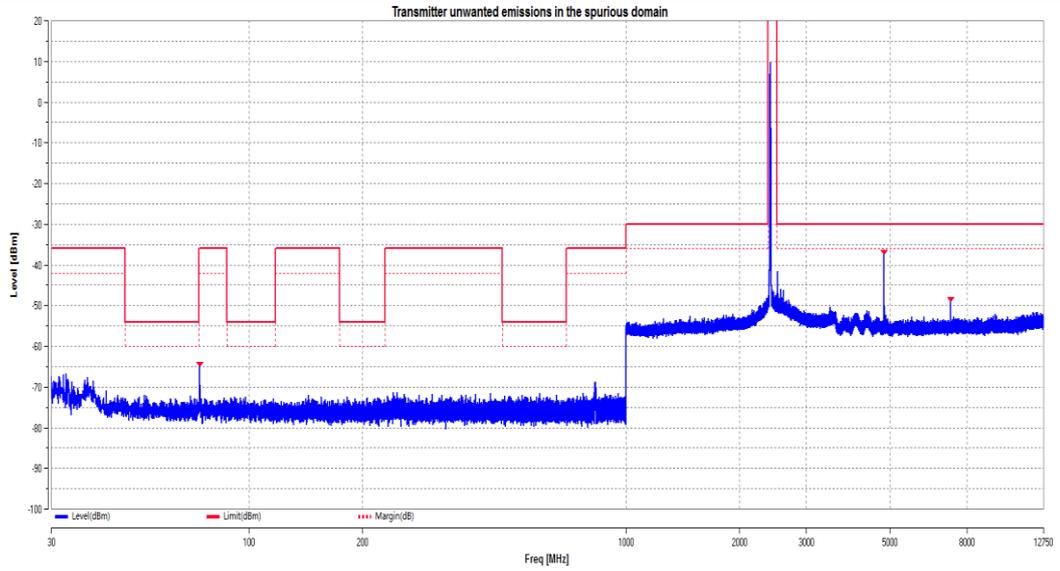
	Ant1	2462	7263.26	-49.77	-35.01	PASS
			602.66	-71.08	-59.01	PASS
			4924.67	-43.11	-35.01	PASS
	Ant2	2462	12472.55	-51.88	-35.01	PASS
			893.56	-70.99	-41.01	PASS
			4925.07	-41.49	-35.01	PASS
11AX20MIMO	Ant1	2412	7397.59	-48.54	-35.01	PASS
			709	-65.75	-41.01	PASS
			4822	-41.07	-35.01	PASS
	Ant2	2412	12196.91	-51.33	-35.01	PASS
			246.63	-71.22	-41.01	PASS
			4831.20	-40.45	-35.01	See table below
	Ant1	2472	7236.39	-44.12	-35.01	PASS
			705.09	-61.93	-41.01	PASS
			4934.93	-40.98	-35.01	See table below
			4941.73	-40.74	-35.01	See table below
			11888.98	-51.67	-35.01	PASS
			657.95	-71.50	-59.01	PASS
Ant2	2472	4938.40	-38.74	-35.01	See table below	
		7409.99	-45.07	-35.01	PASS	
		219.38	-70.77	-59.01	PASS	
11AX40MIMO	Ant1	2422	4832.4	-43.58	-35.01	PASS
			12063.09	-51.77	-35.01	PASS
			526.96	-70.72	-59.01	PASS
	Ant2	2422	4836	-42.49	-35.01	PASS
			7267.65	-48.08	-35.01	PASS
			520.79	-71.41	-59.01	PASS
	Ant1	2462	4914.8	-43.89	-35.01	PASS
			12568.91	-51.89	-35.01	PASS
			210.19	-71.52	-59.01	PASS
	Ant2	2462	4932	-41.22	-35.01	PASS
			7388.29	-46.99	-35.01	PASS

Test Result- Emissions identified during the pre-scan

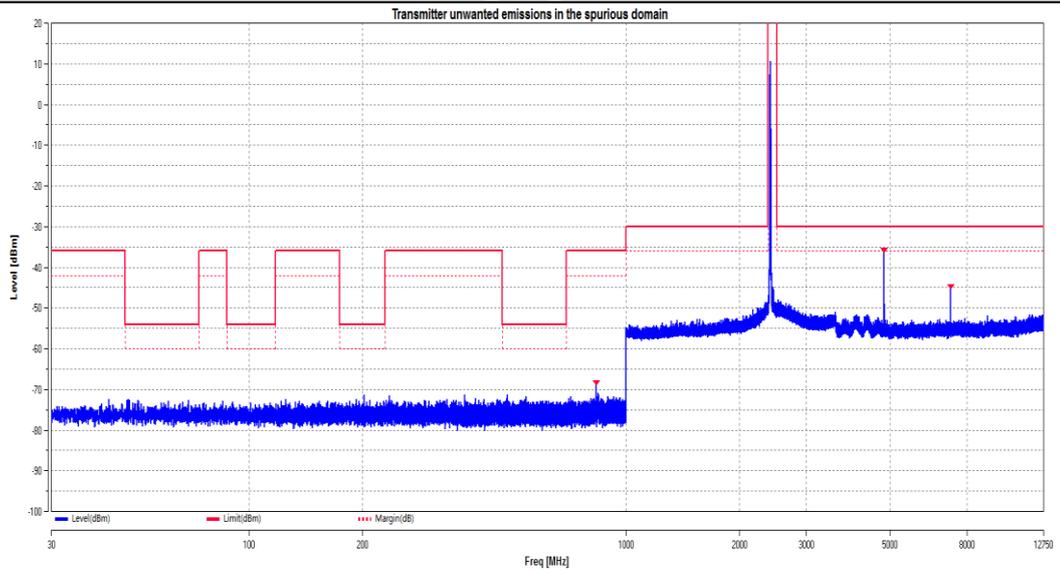
TestMode	Antenna	Channel	Freq. [MHz]	Level[dBm]	Limit[dBm]	Verdict
11B	Ant2	2472	4944.00	-38.14	-30	PASS
11G	Ant1	2412	2366.33	-51.85	-30	PASS
			4821.92	-45.34	-30	PASS
	Ant2	2412	4817.50	-45.82	-30	PASS
			Ant1	2472	4945.19	-44.93
	Ant2	2472	2517.23	-48.61	-30	PASS
			4943.74	-43.04	-30	PASS
7414.30			-50.66	-30	PASS	
11N20MIMO	total	2412	100.16	-54.31	-54	PASS
			4821.61	-50.30	-30	PASS
			4825.21	-49.04	-30	PASS
		2472	159.19	-51.74	-36	PASS
			4943.98	-49.29	-30	PASS
11AX20MIMO	total	2412	4947.05	-51.25	-30	PASS
			4829.06	-49.96	-30	PASS
		2472	4934.82	-53.24	-30	PASS
			4936.36	-51.54	-30	PASS
			4941.47	-49.04	-30	PASS

Test Graphs-Pre-scan

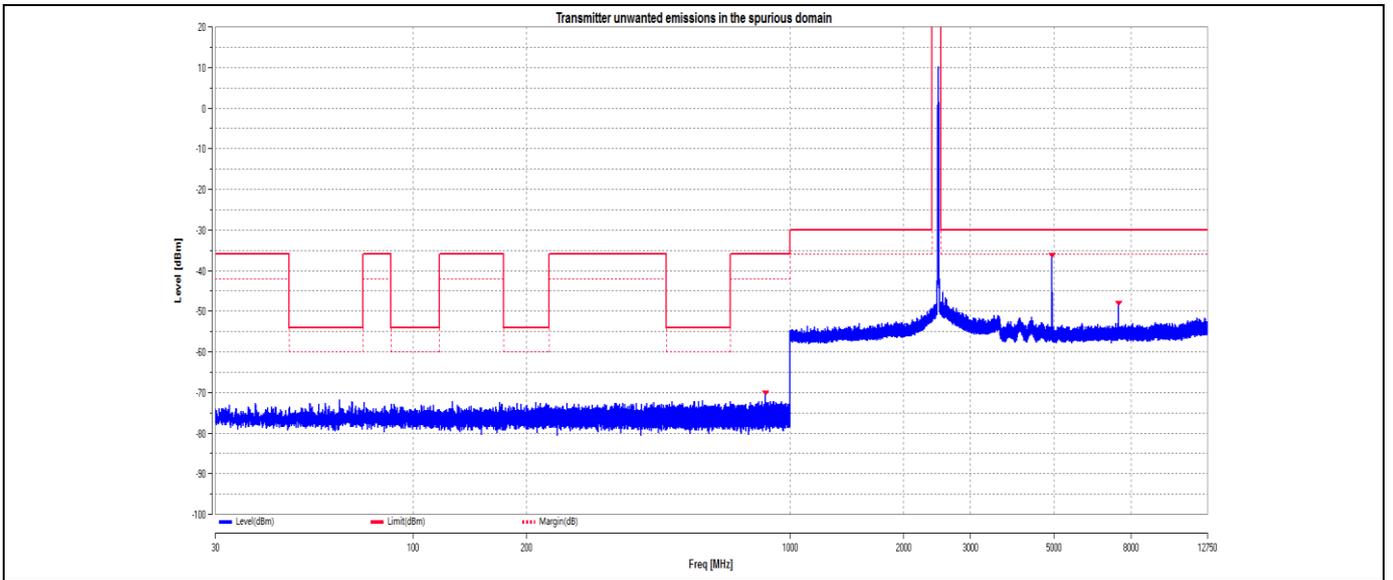
11B_Ant1_2412



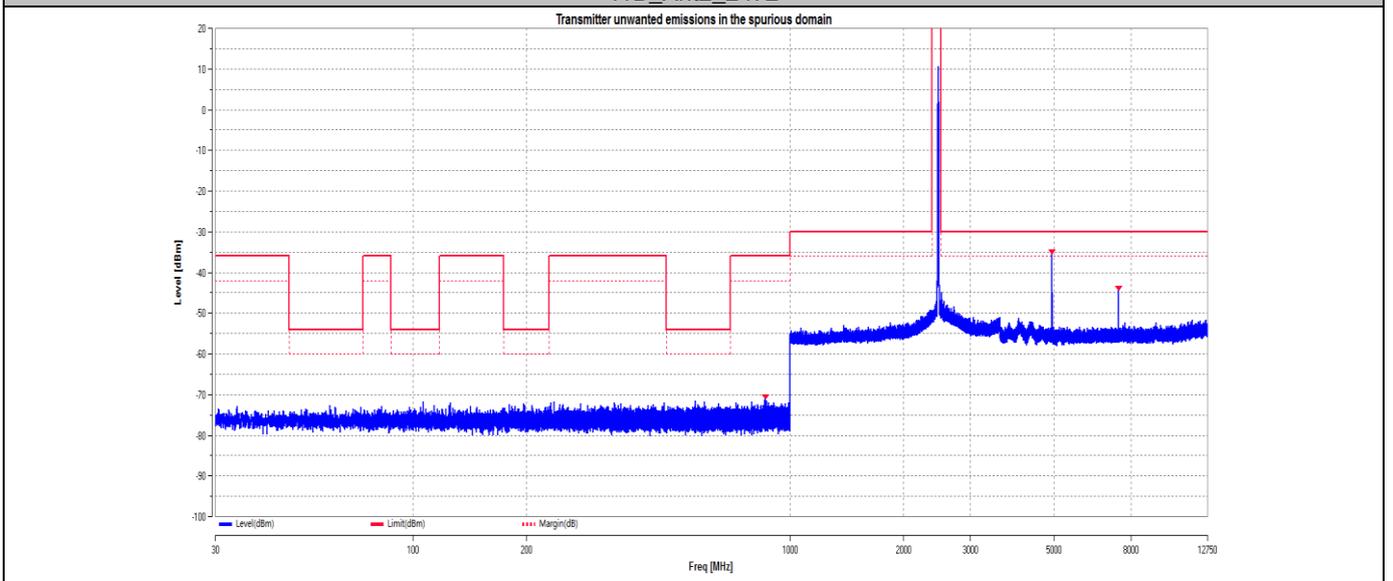
11B_Ant2_2412



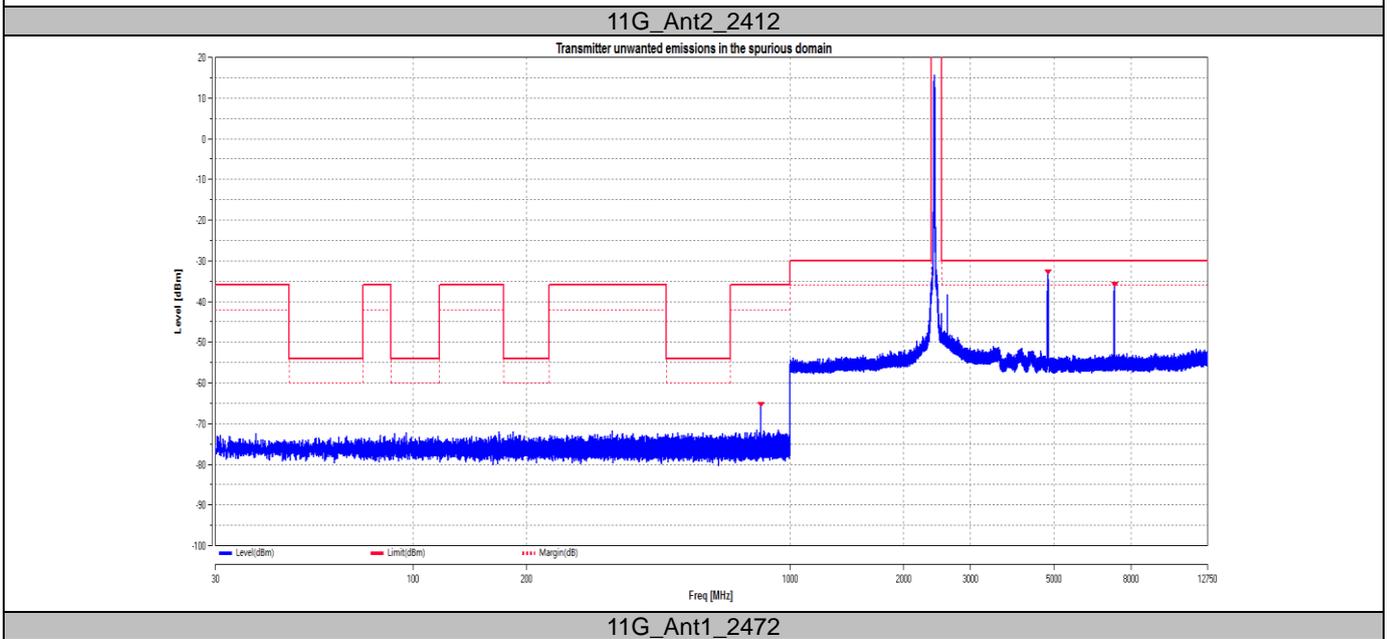
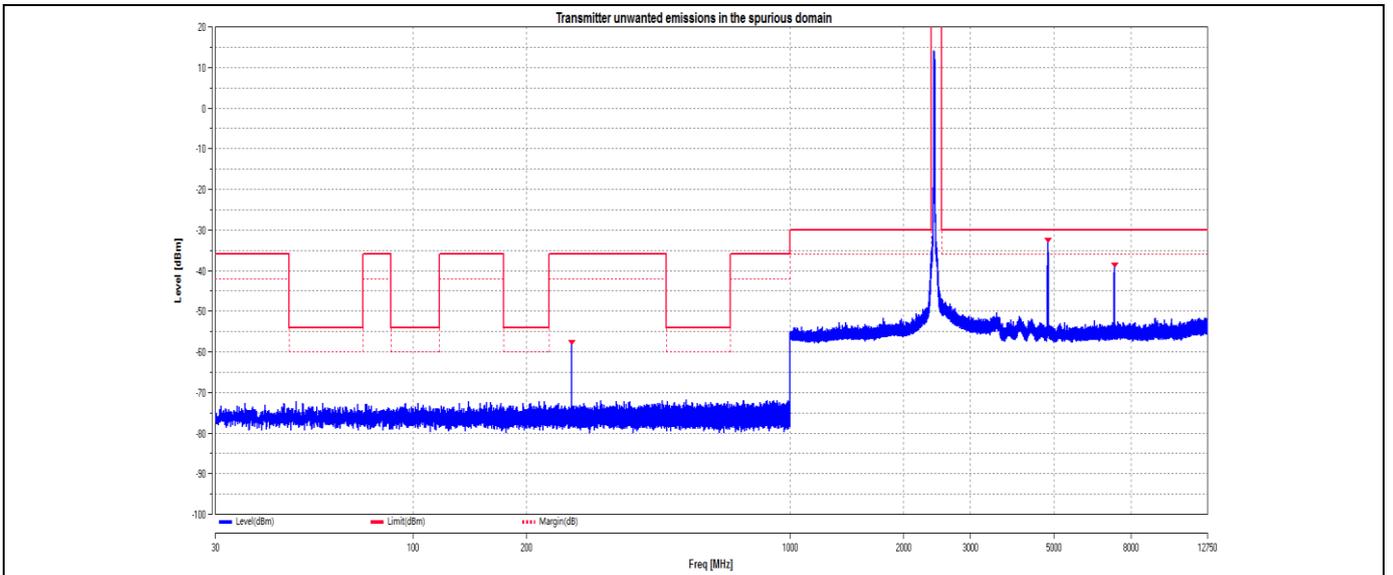
11B_Ant1_2472

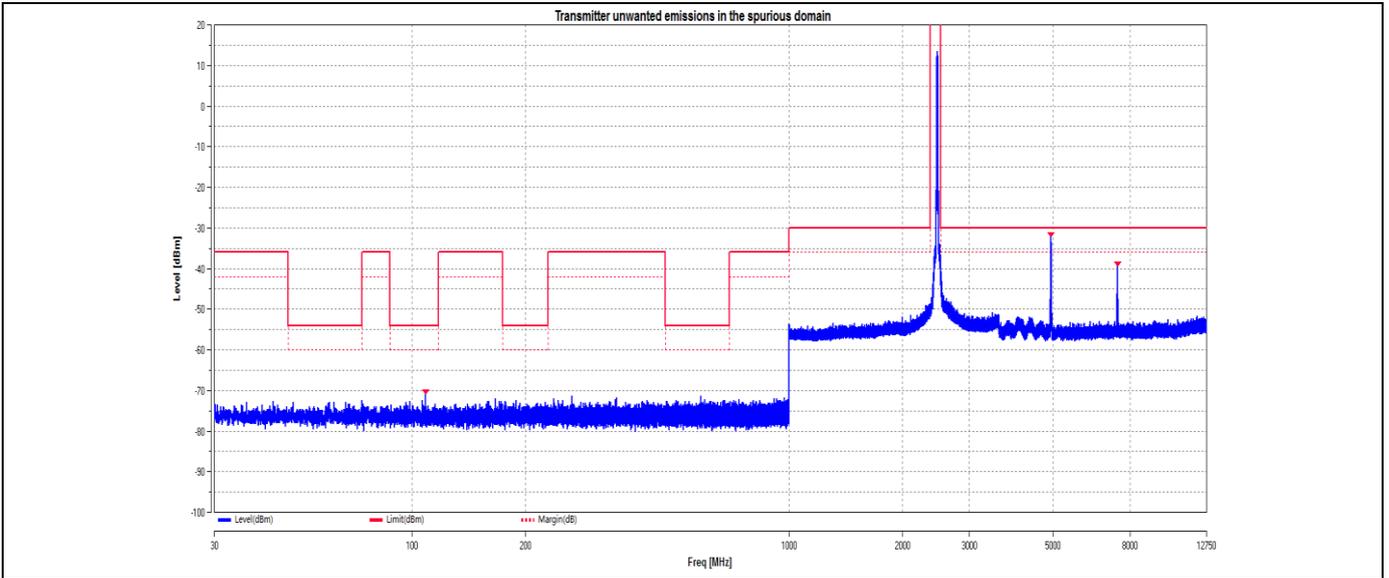


11B_Ant2_2472

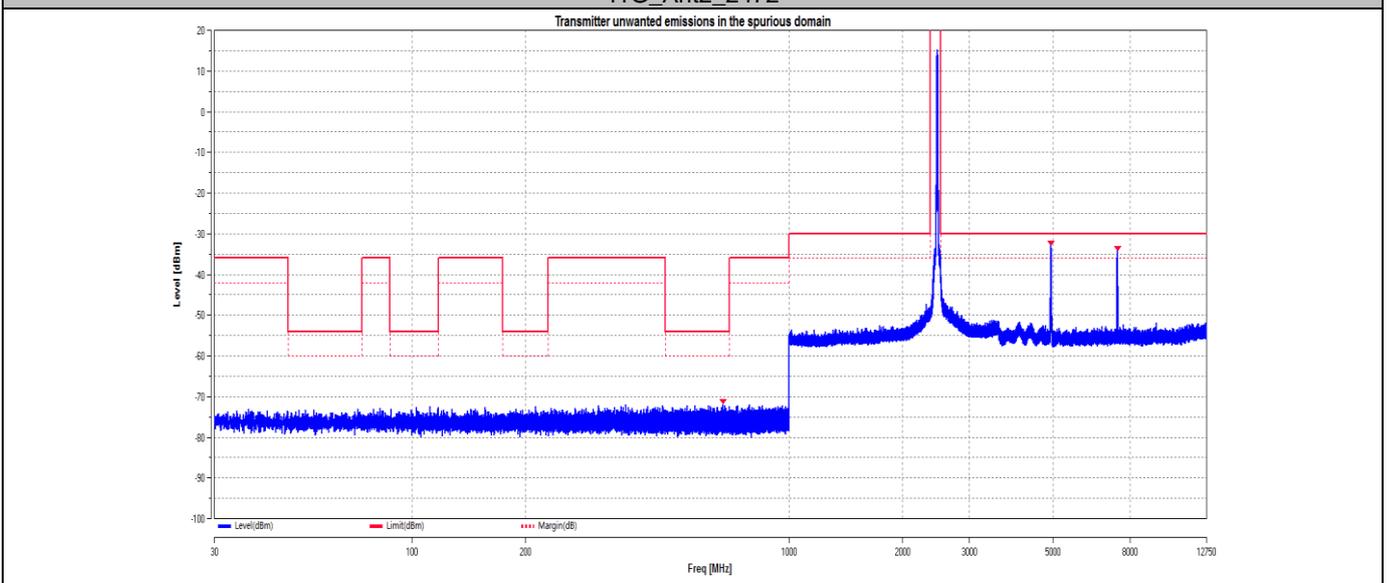


11G_Ant1_2412

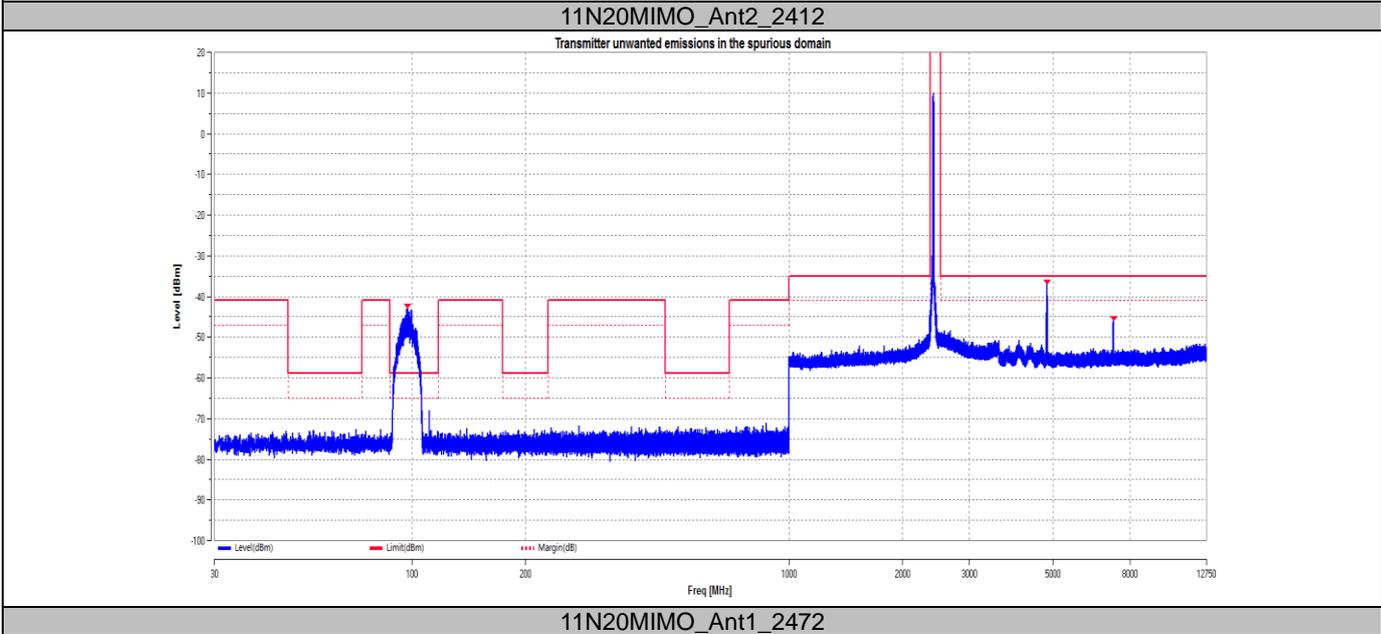
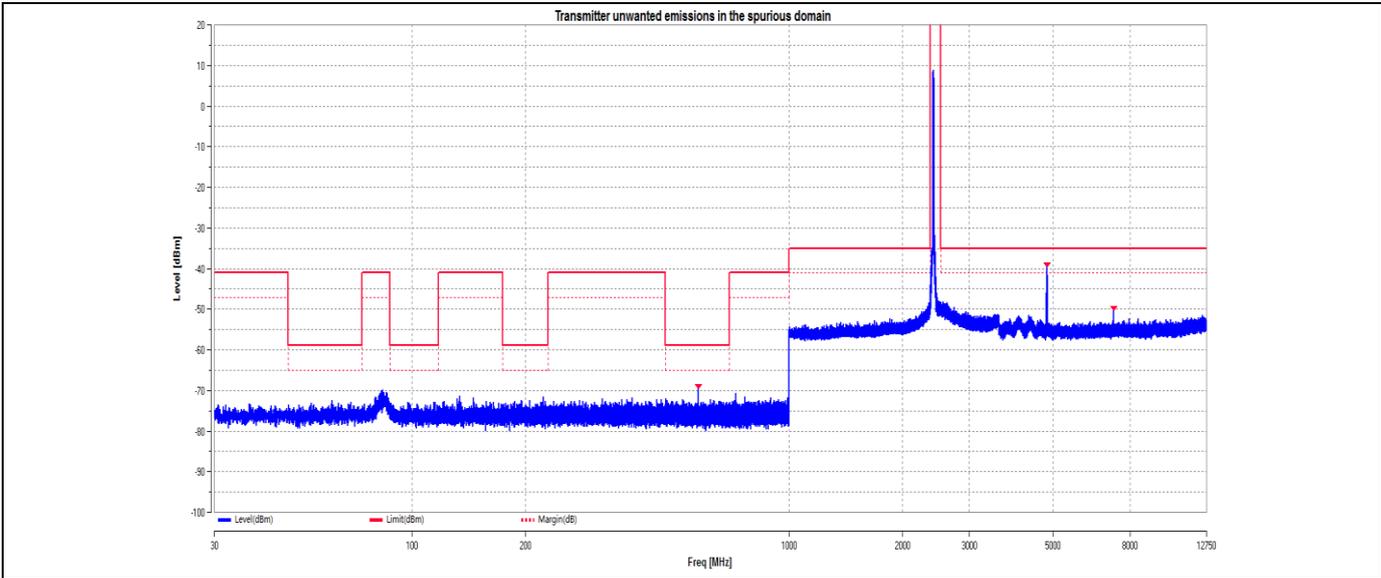


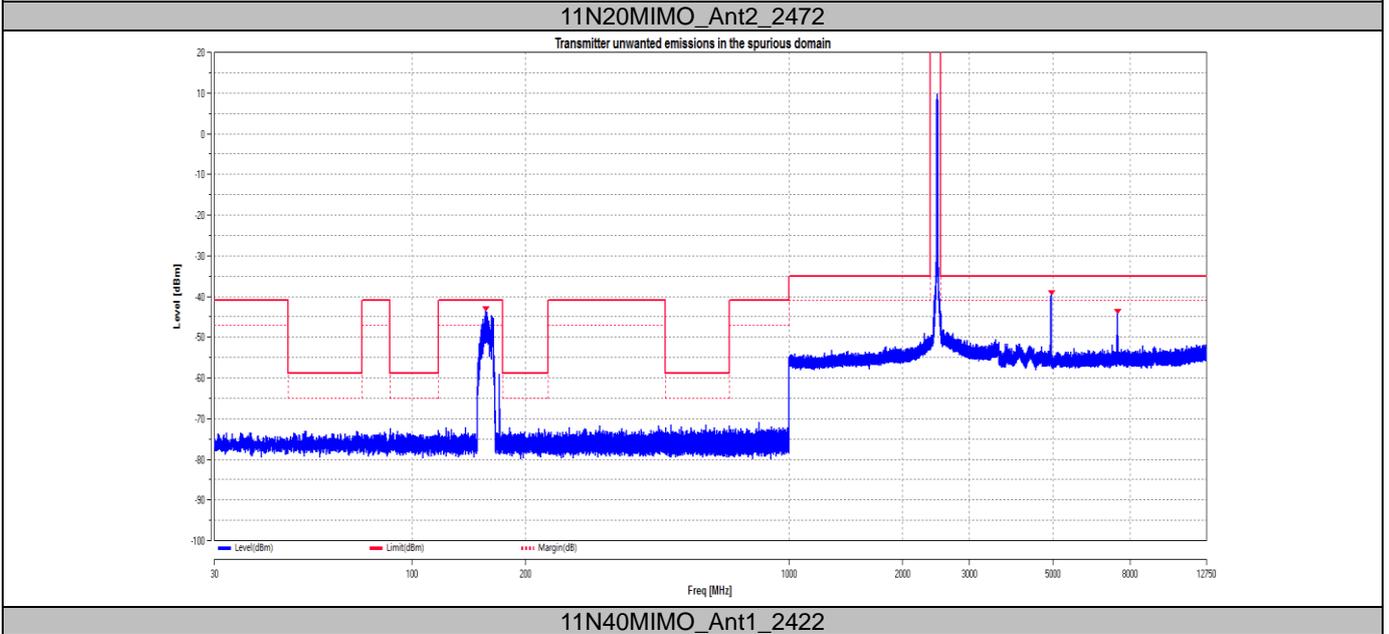
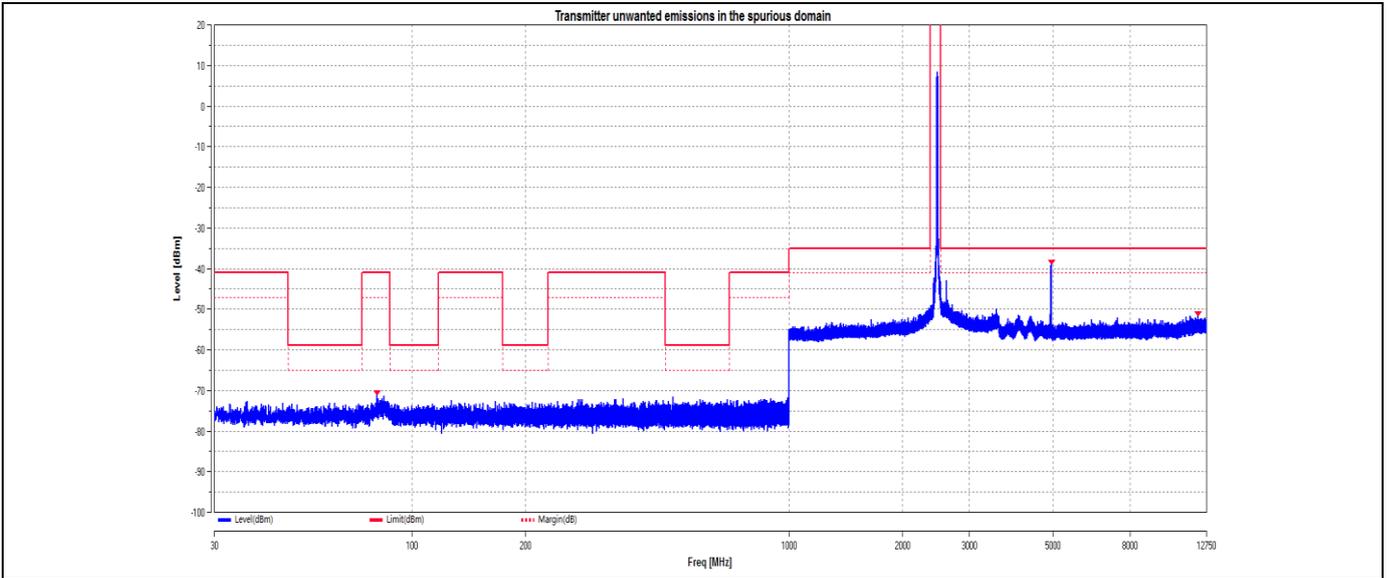


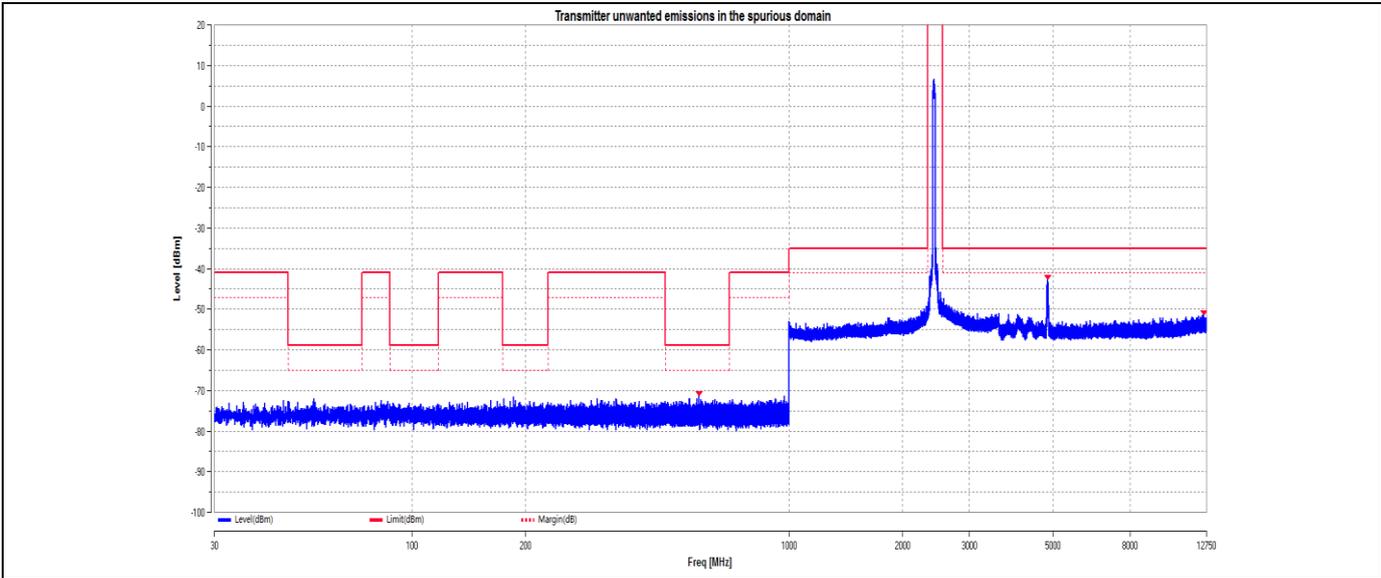
11G_Ant2_2472



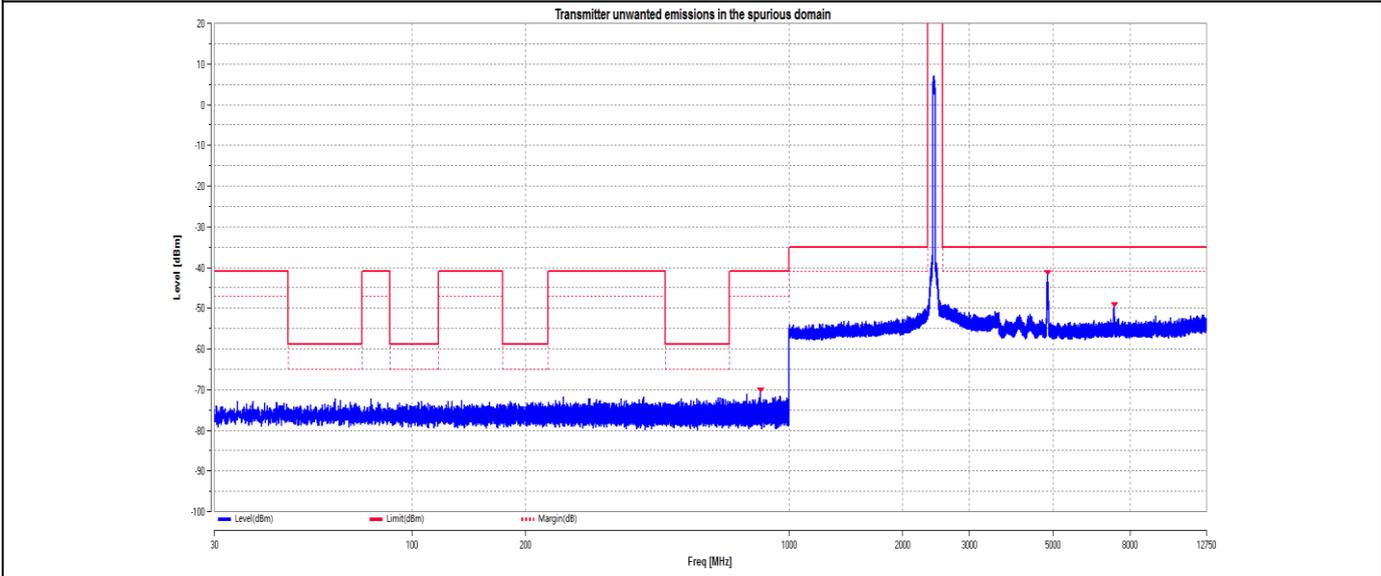
11N20MIMO_Ant1_2412



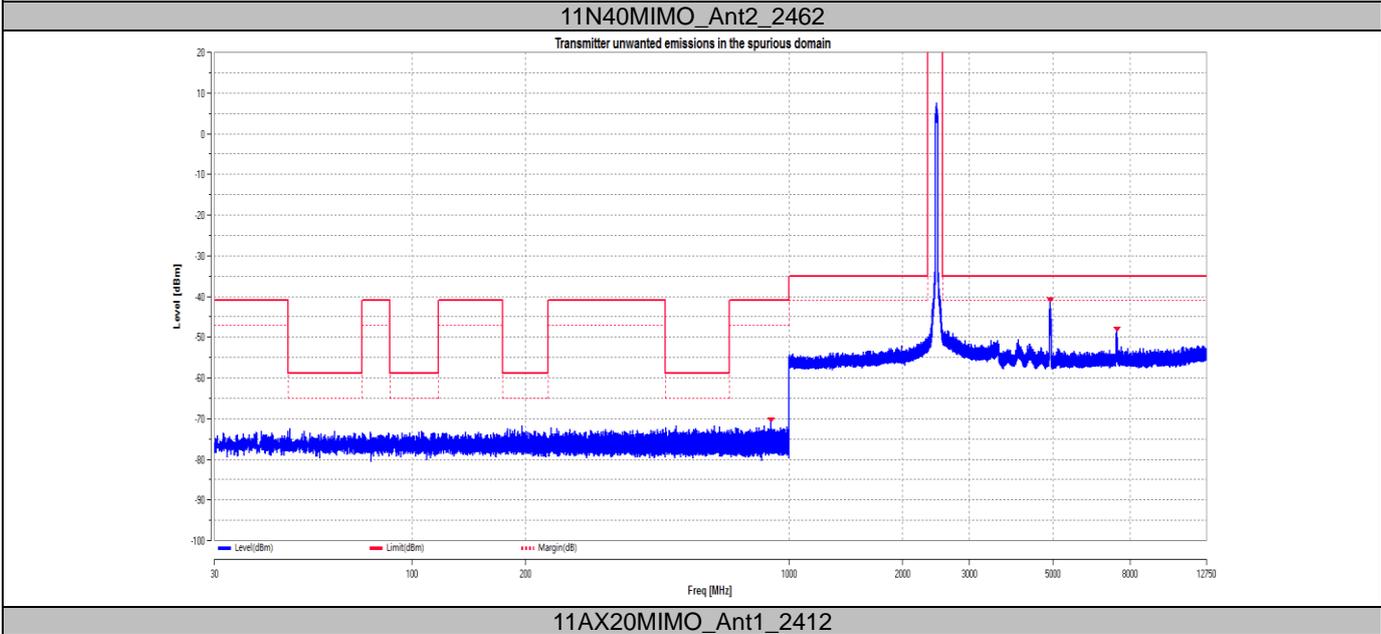
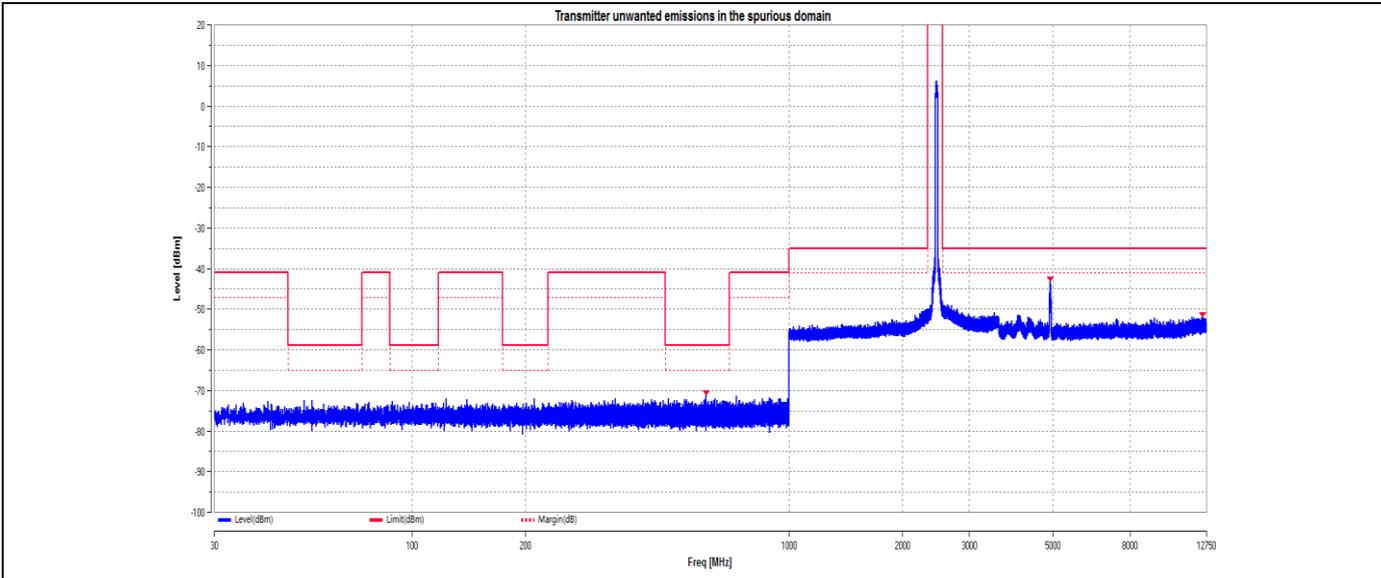


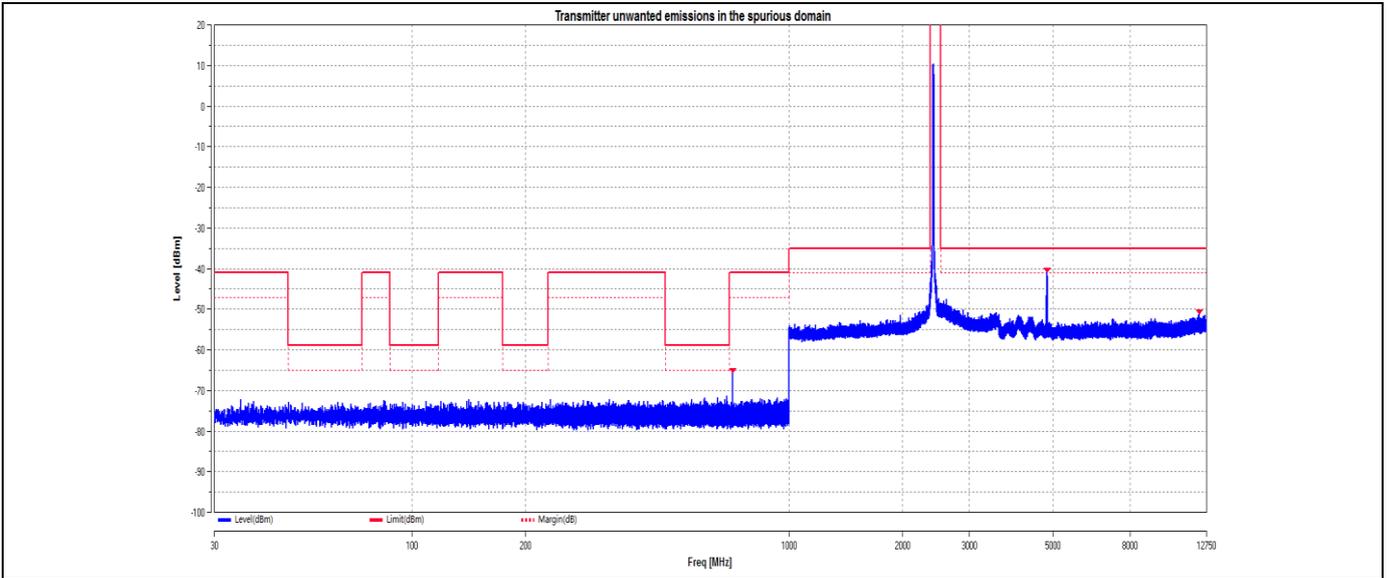


11N40MIMO_Ant2_2422

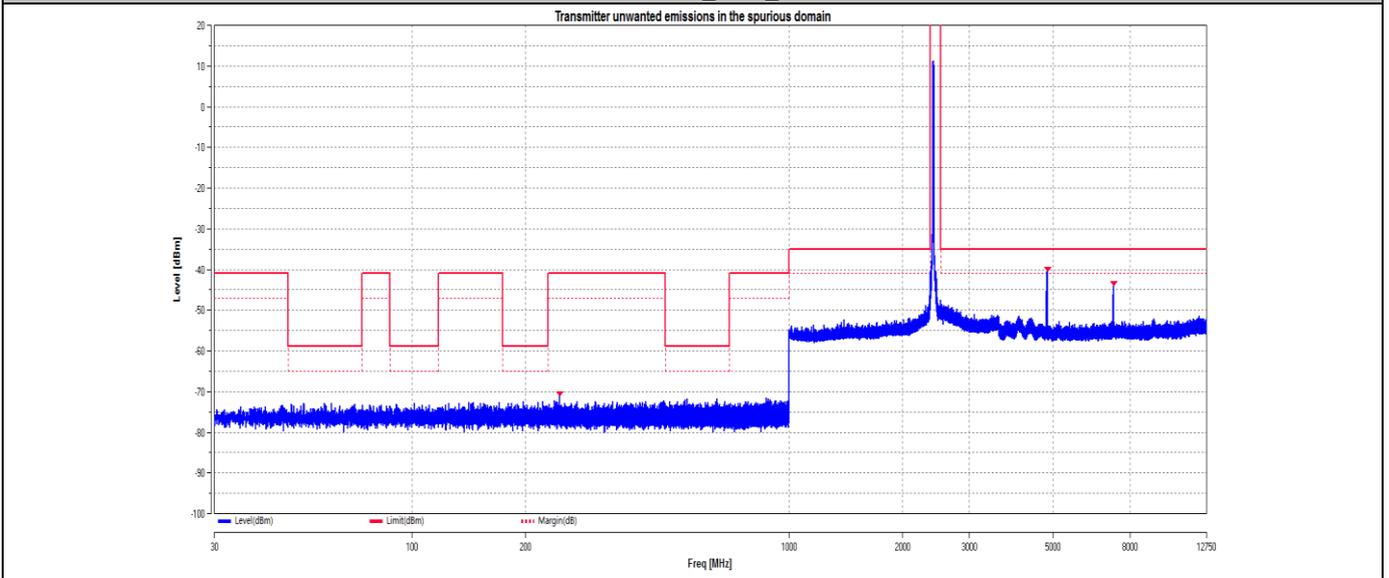


11N40MIMO_Ant1_2462

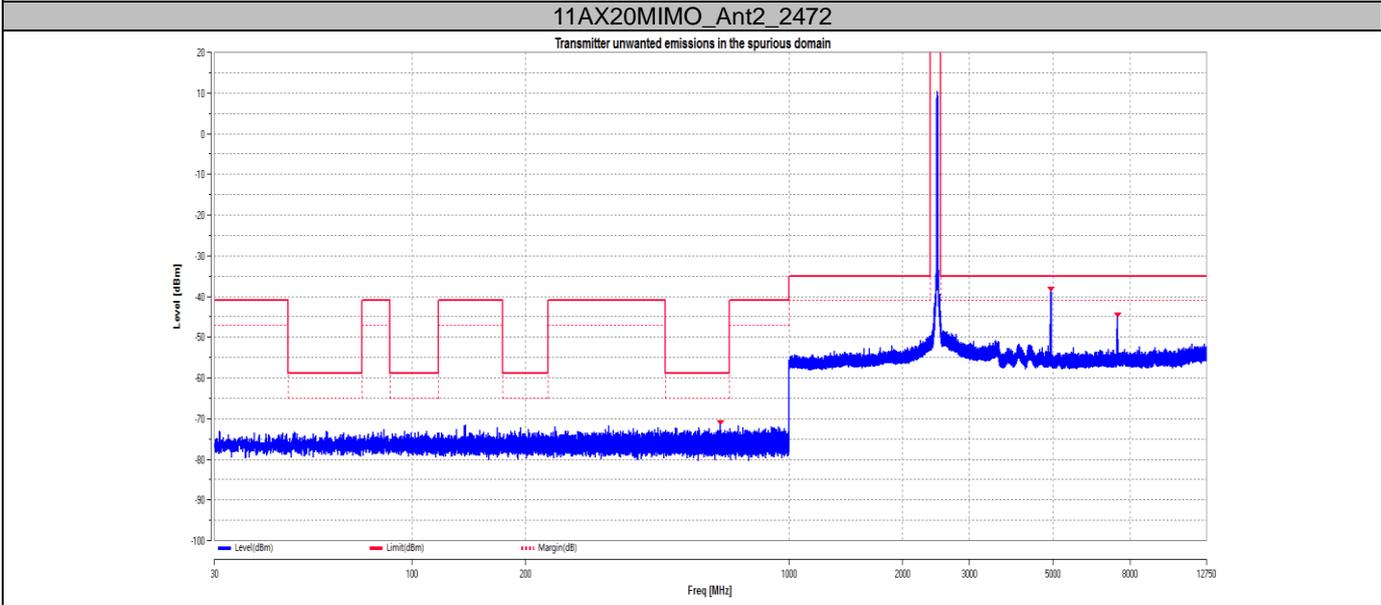
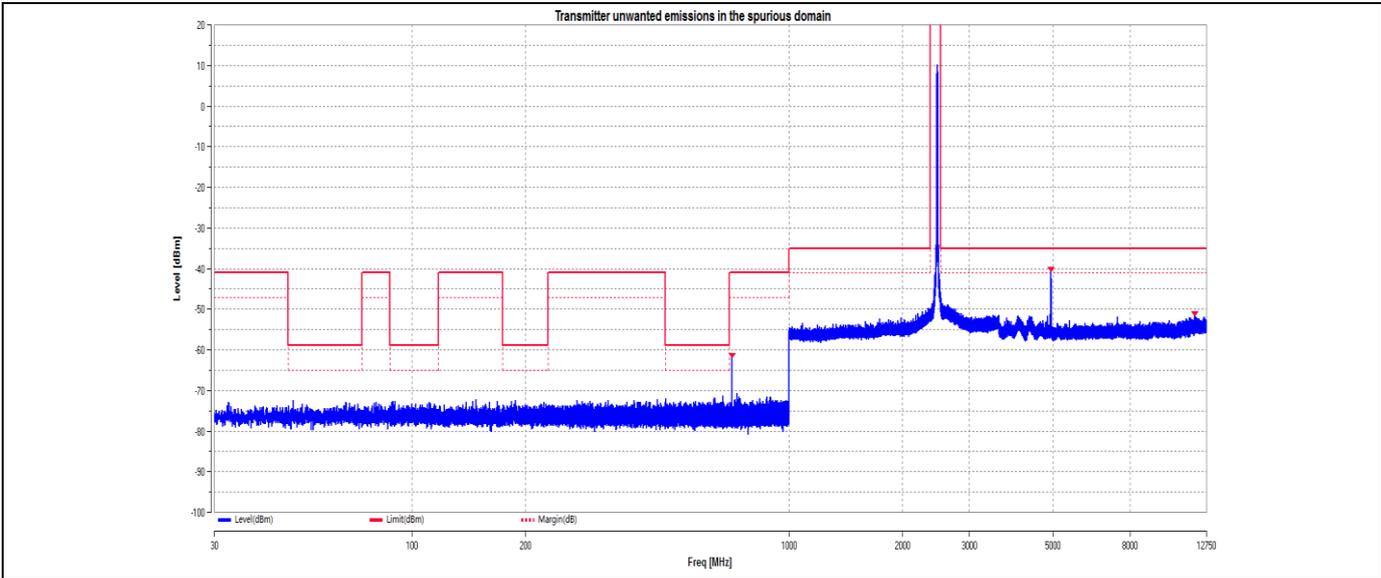


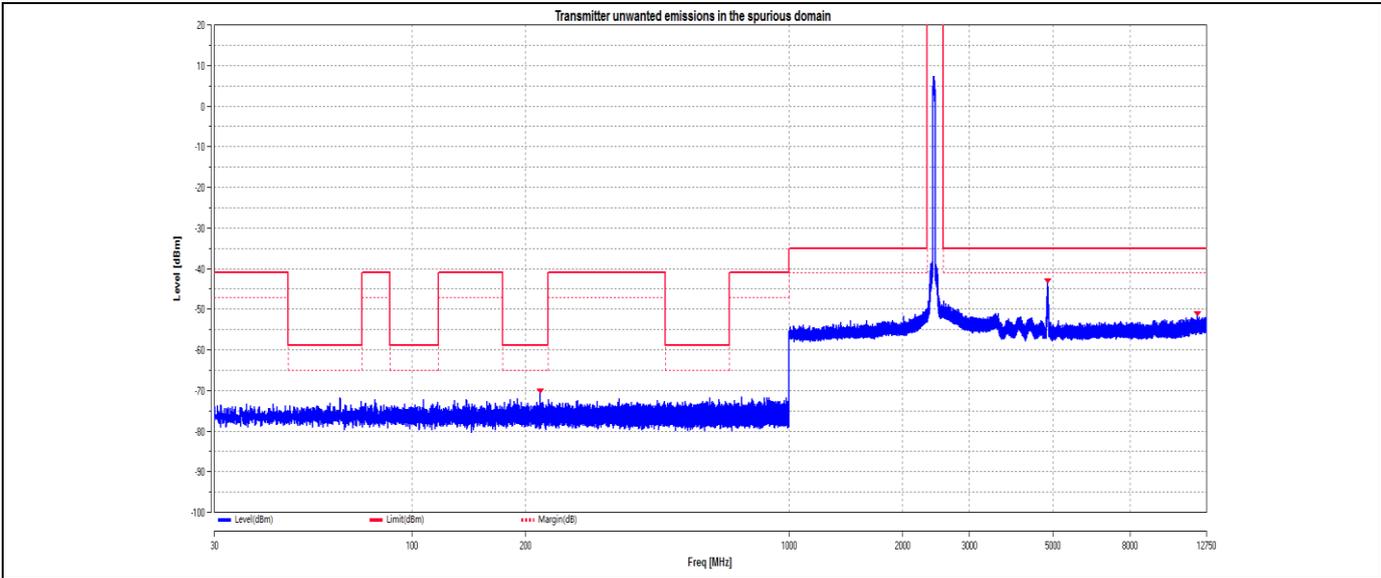


11AX20MIMO_Ant2_2412

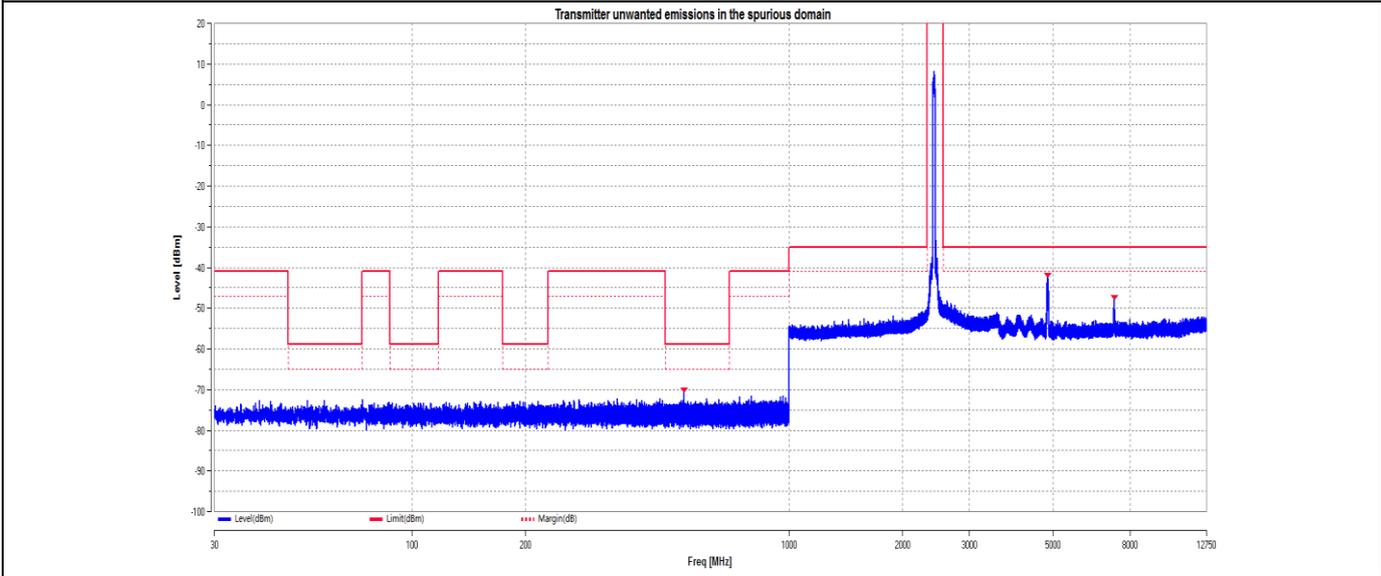


11AX20MIMO_Ant1_2472

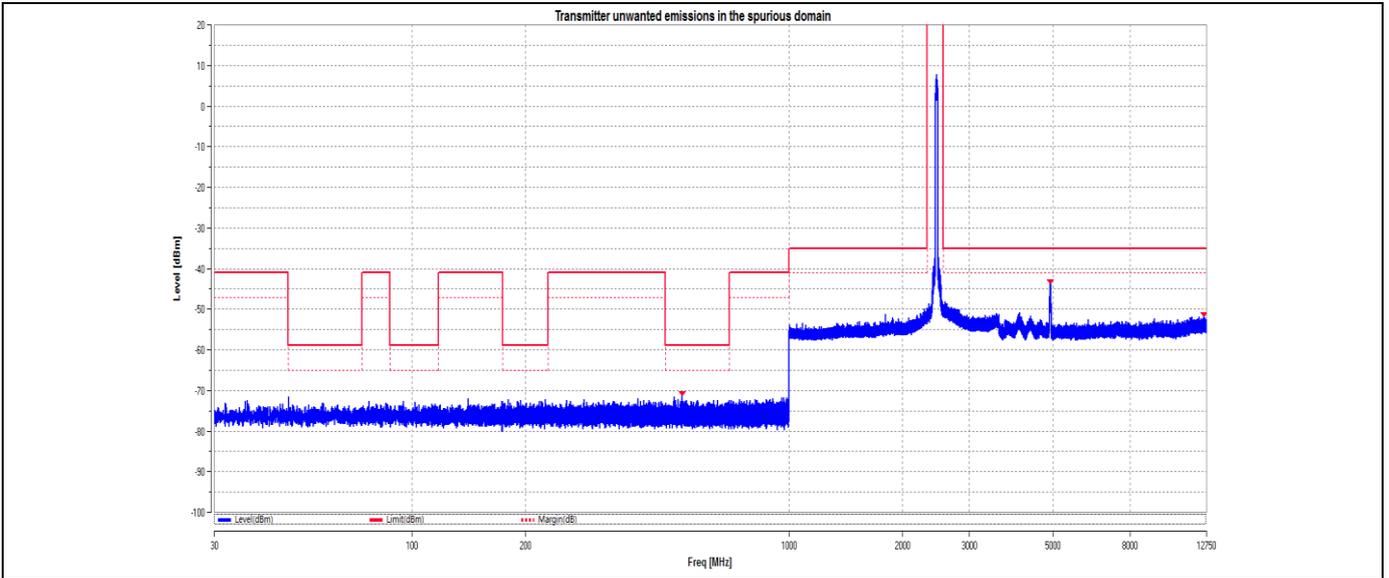




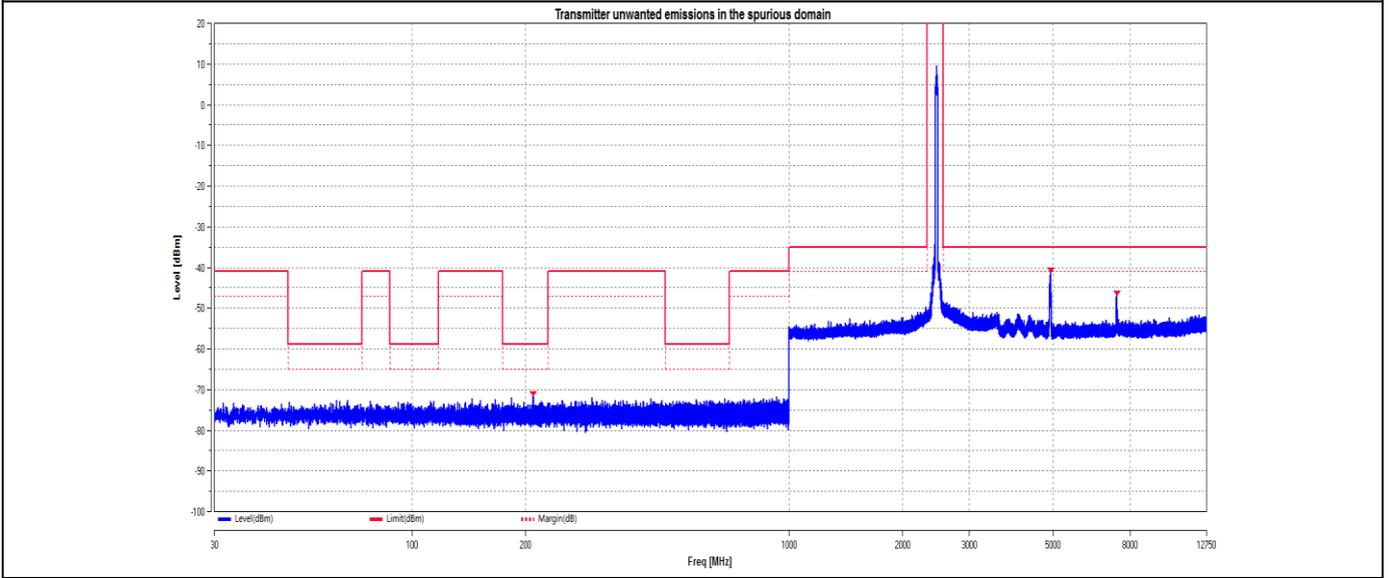
11AX40MIMO_Ant2_2422



11AX40MIMO_Ant1_2462

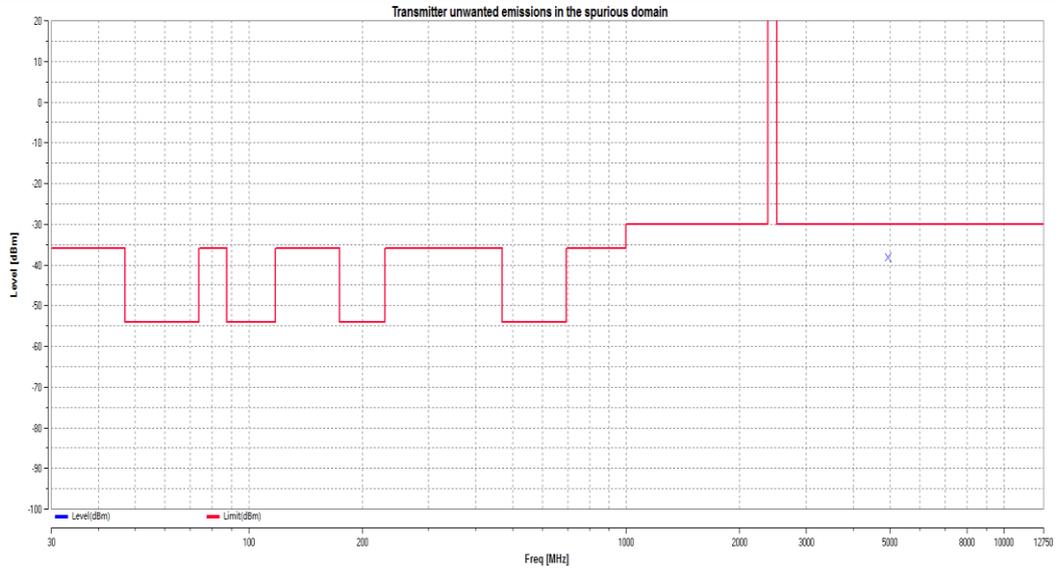


11AX40MIMO_Ant2_2462

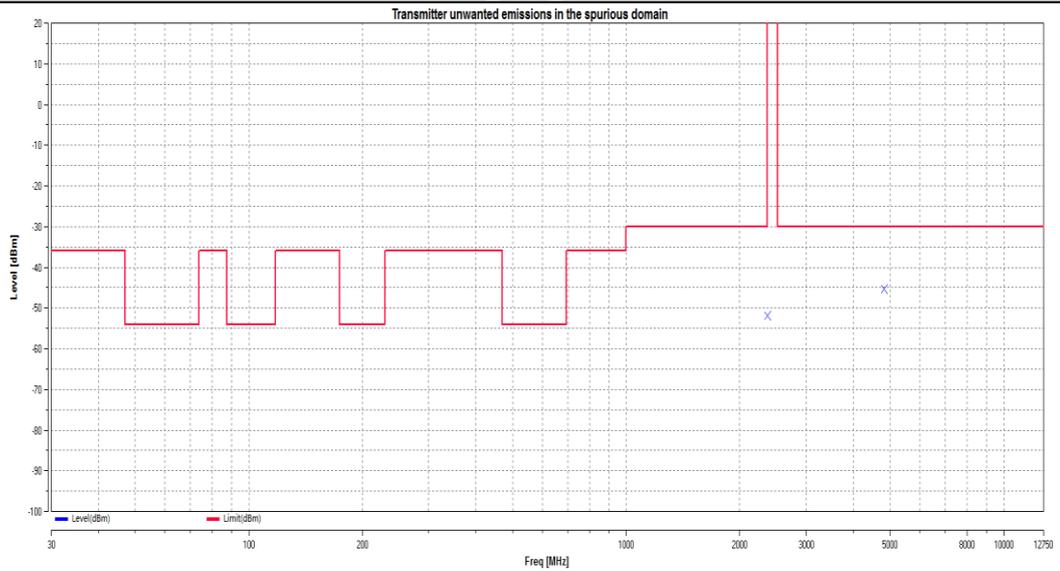


Test Graphs- Emissions identified during the pre-scan

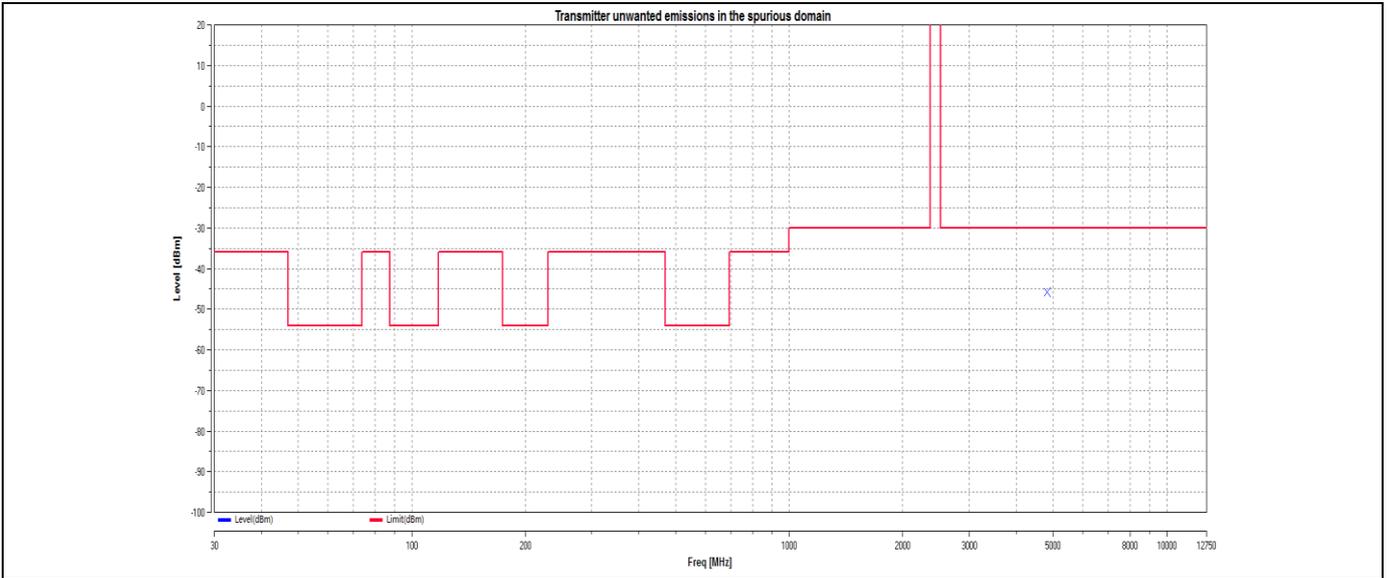
11B_Ant2_2472



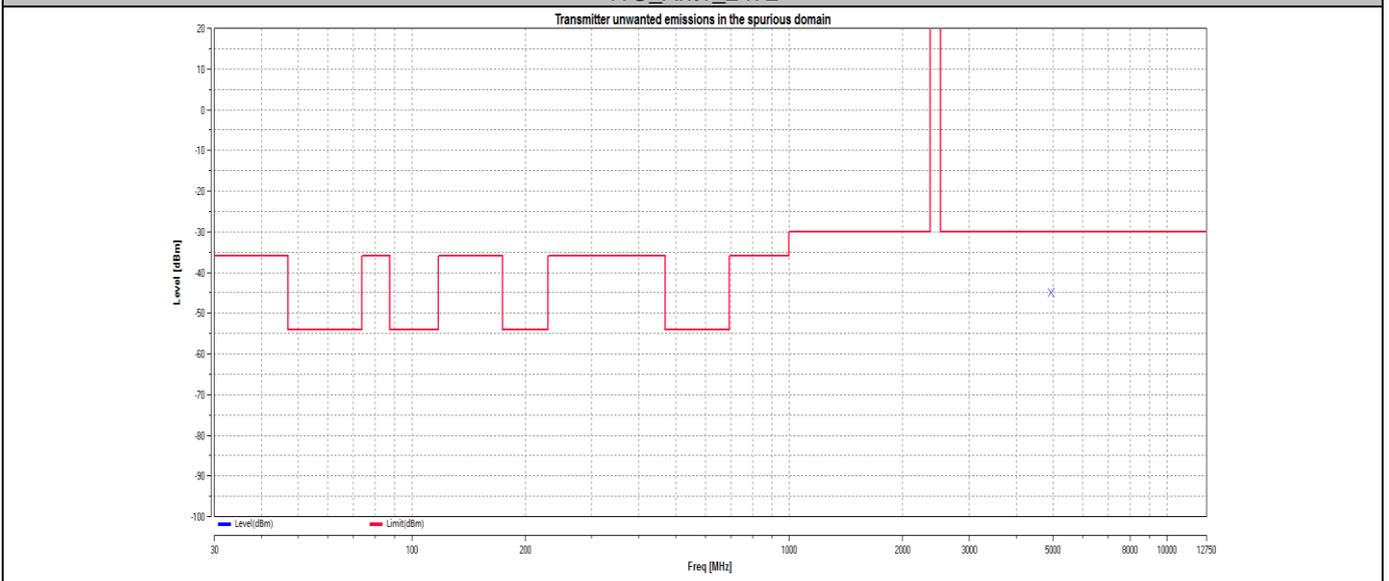
11G_Ant1_2412



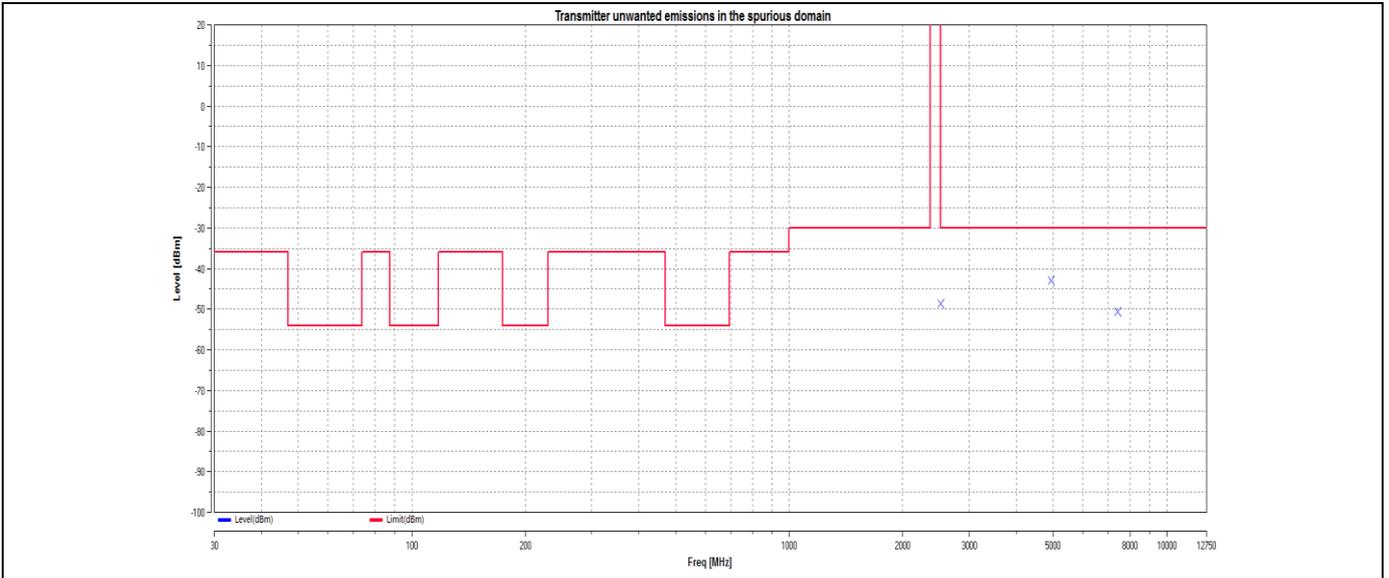
11G_Ant2_2412



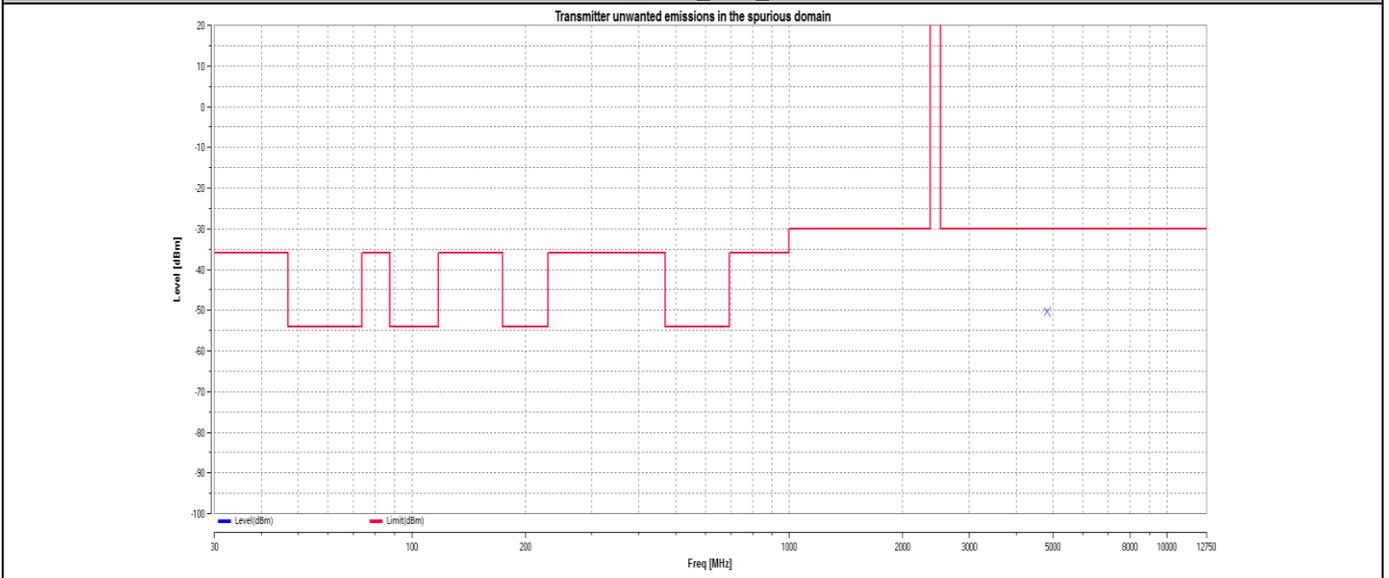
11G_Ant1_2472



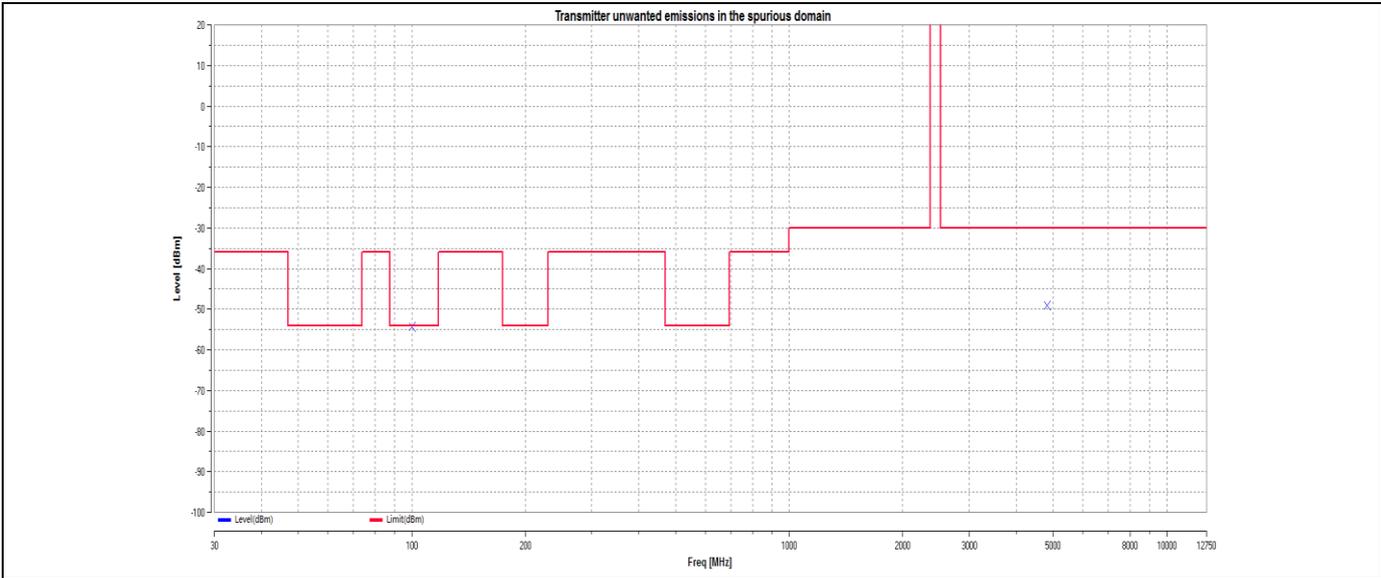
11G_Ant2_2472



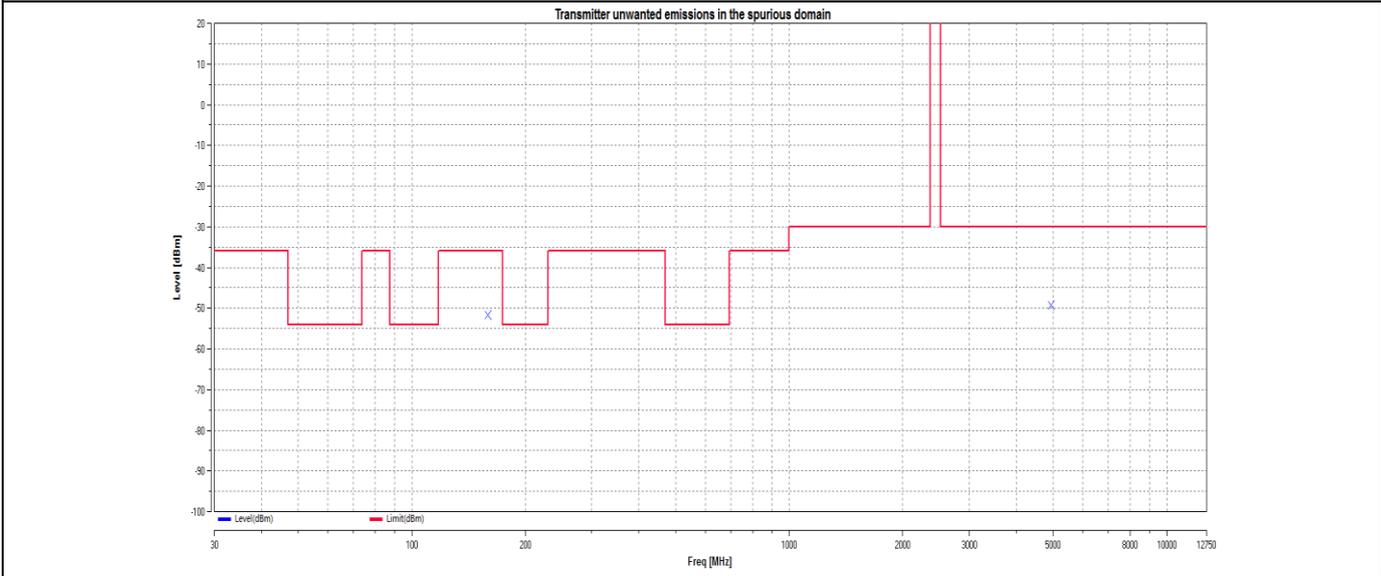
11N20MIMO_total_2412



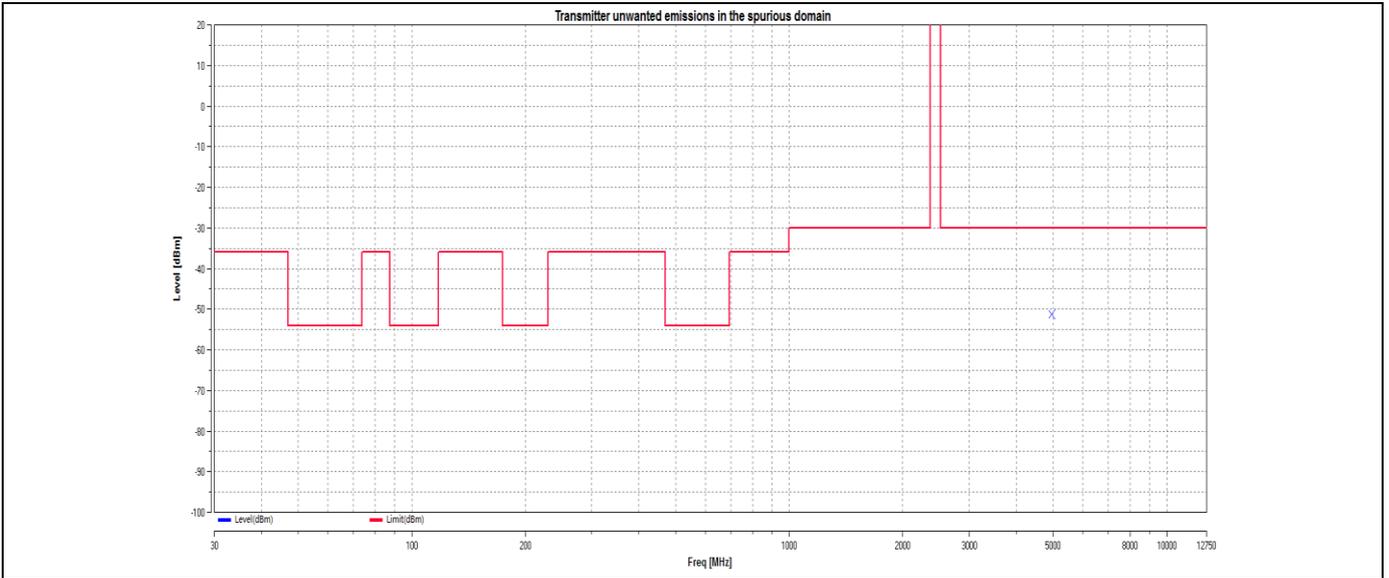
11N20MIMO_total_2412

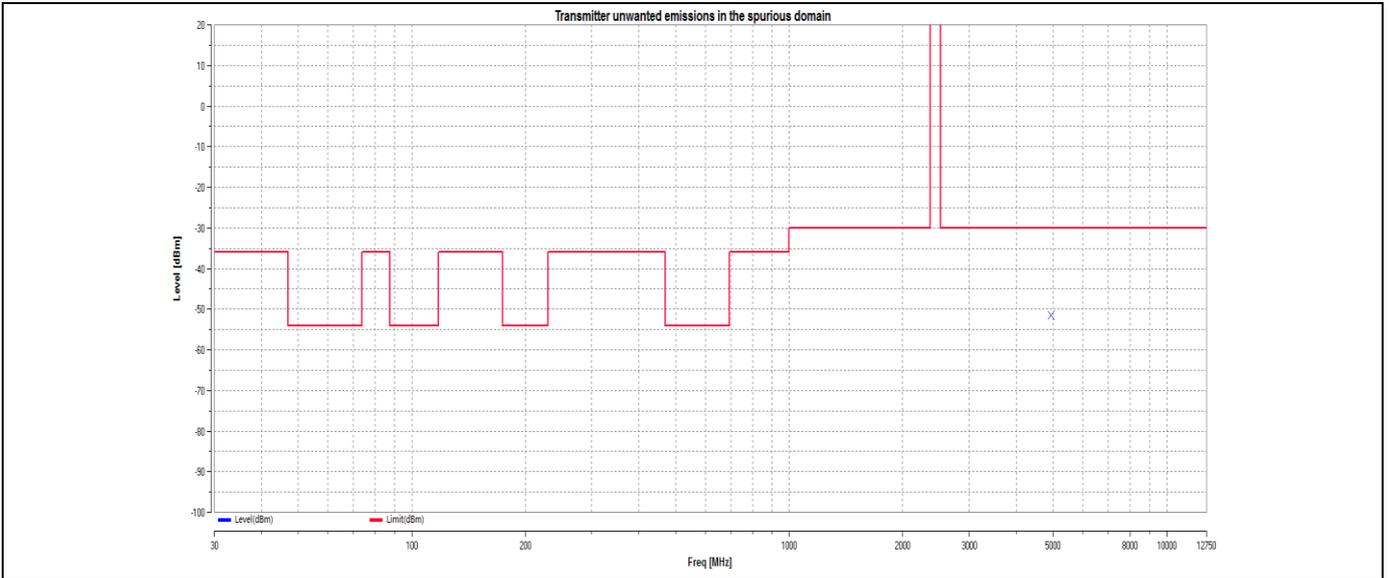


11N20MIMO_total_2472

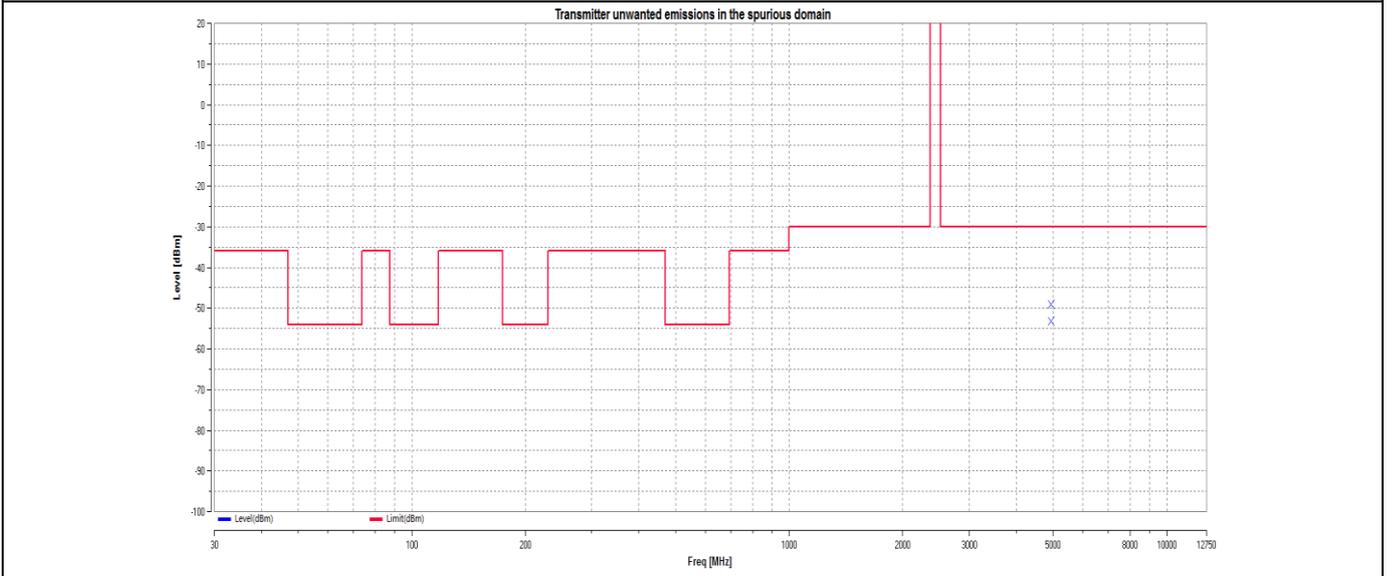


11N20MIMO_total_2472





11AX20MIMO_total_2472



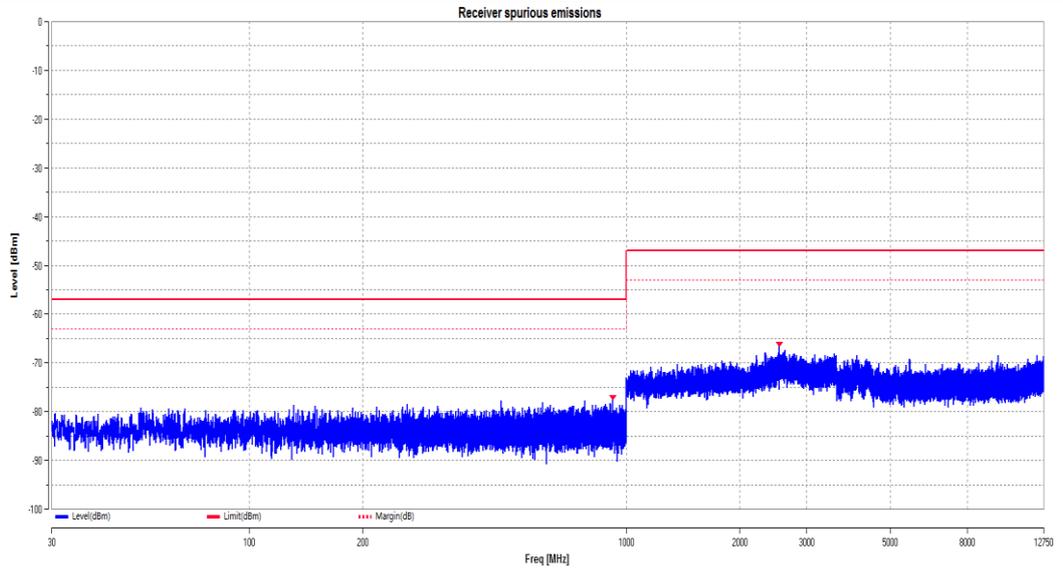
Appendix F: Receiver spurious emissions

Test Result-Pre-scan

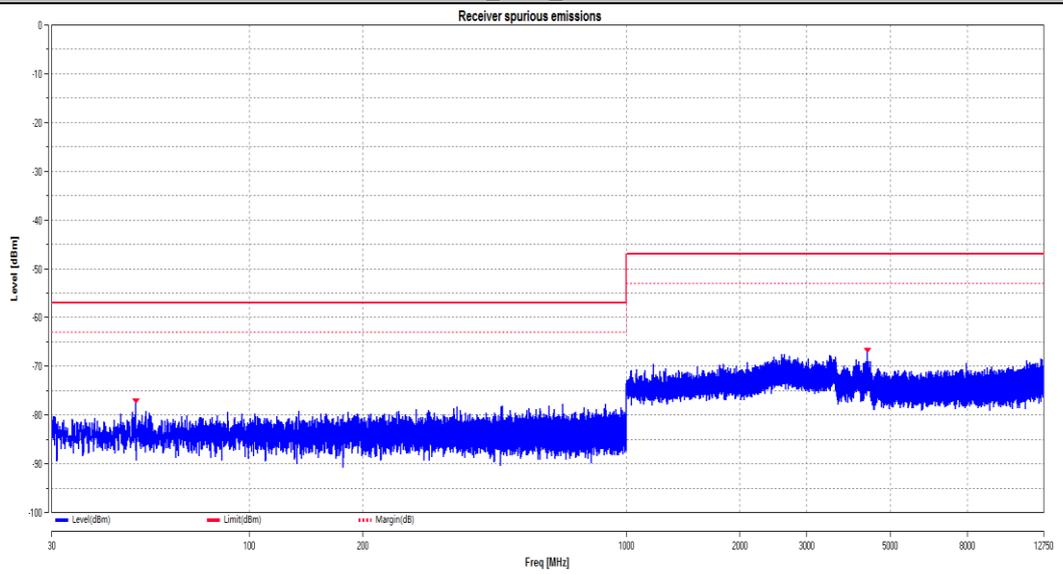
TestMode	Antenna	Channel	Freq. [MHz]	Level[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	920.22	-77.61	-57.00	PASS
			2543.56	-66.67	-47.00	PASS
	Ant2	2412	50.13	-77.65	-57.00	PASS
			4350.71	-67.19	-47.00	PASS
	Ant1	2472	769.58	-77.98	-57.00	PASS
			2907.81	-67.1	-47.00	PASS
	Ant2	2472	413.73	-77.67	-57.00	PASS
			2630.12	-67.68	-47.00	PASS

Test Graphs Test Graphs-Pre-scan

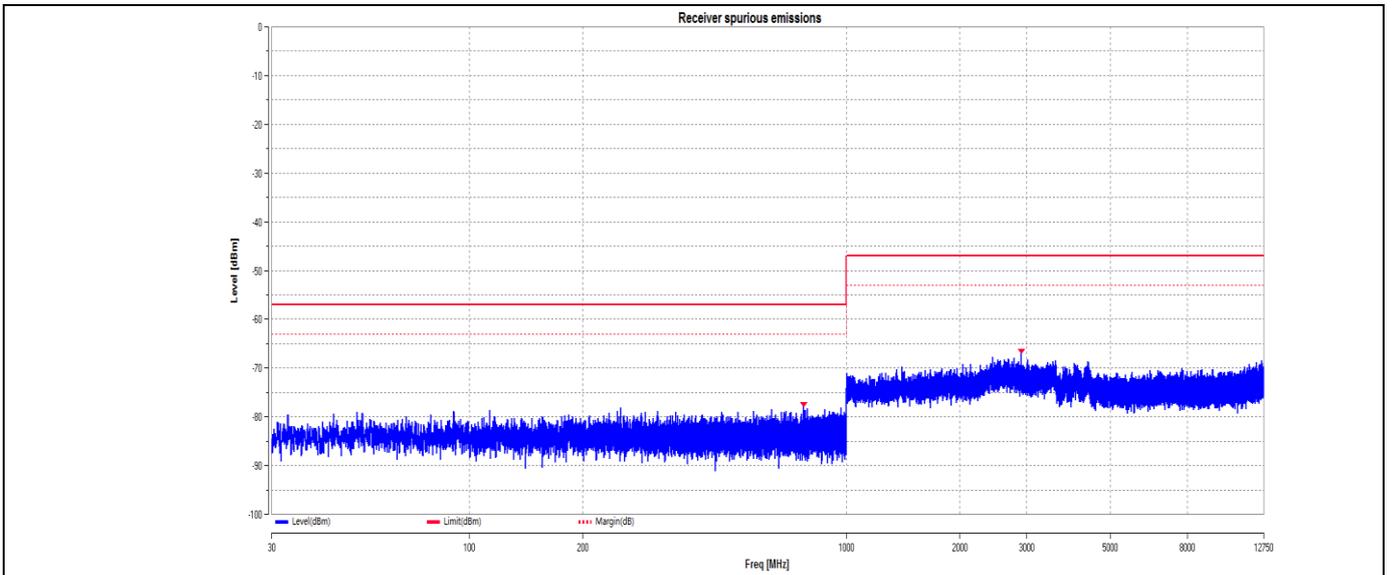
11B_Ant1_2412



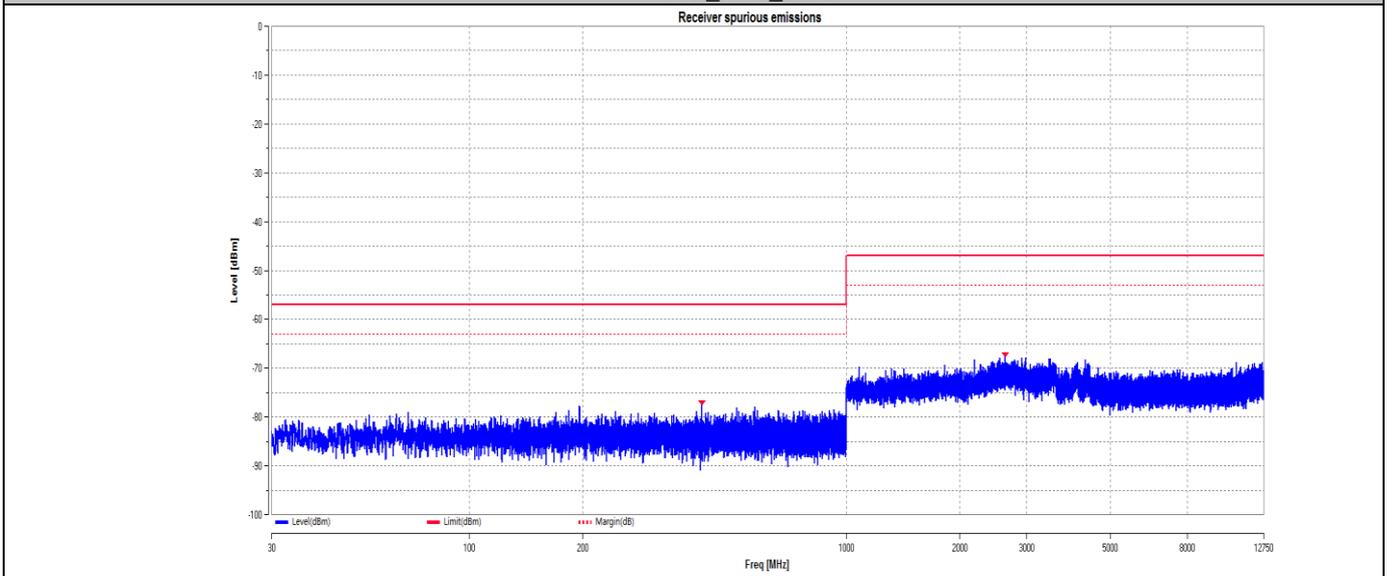
11B_Ant2_2412



11B_Ant1_2472



11B_Ant2_2472



Test Graphs- Emissions identified during the pre-scan

/

Appendix G: Receiver Blocking

Test Result

TestMode	Antenna	Channel	Pmin [dBm]	Wanted signal [dBm]	Freq. [MHz]	CW [dBm]	PER [%]	Limit [%]	Verdict
11B	Ant1	2412	---	-71	2300	-31	0.30	≤10	PASS
			---	-71	2330	-31	0.60	≤10	PASS
			---	-71	2360	-31	0.40	≤10	PASS
			---	-65	2380	-31	0.10	≤10	PASS
		2472	---	-65	2504	-31	3.60	≤10	PASS
			---	-71	2524	-31	4.70	≤10	PASS
			---	-71	2584	-31	0.10	≤10	PASS
			---	-71	2674	-31	1.00	≤10	PASS

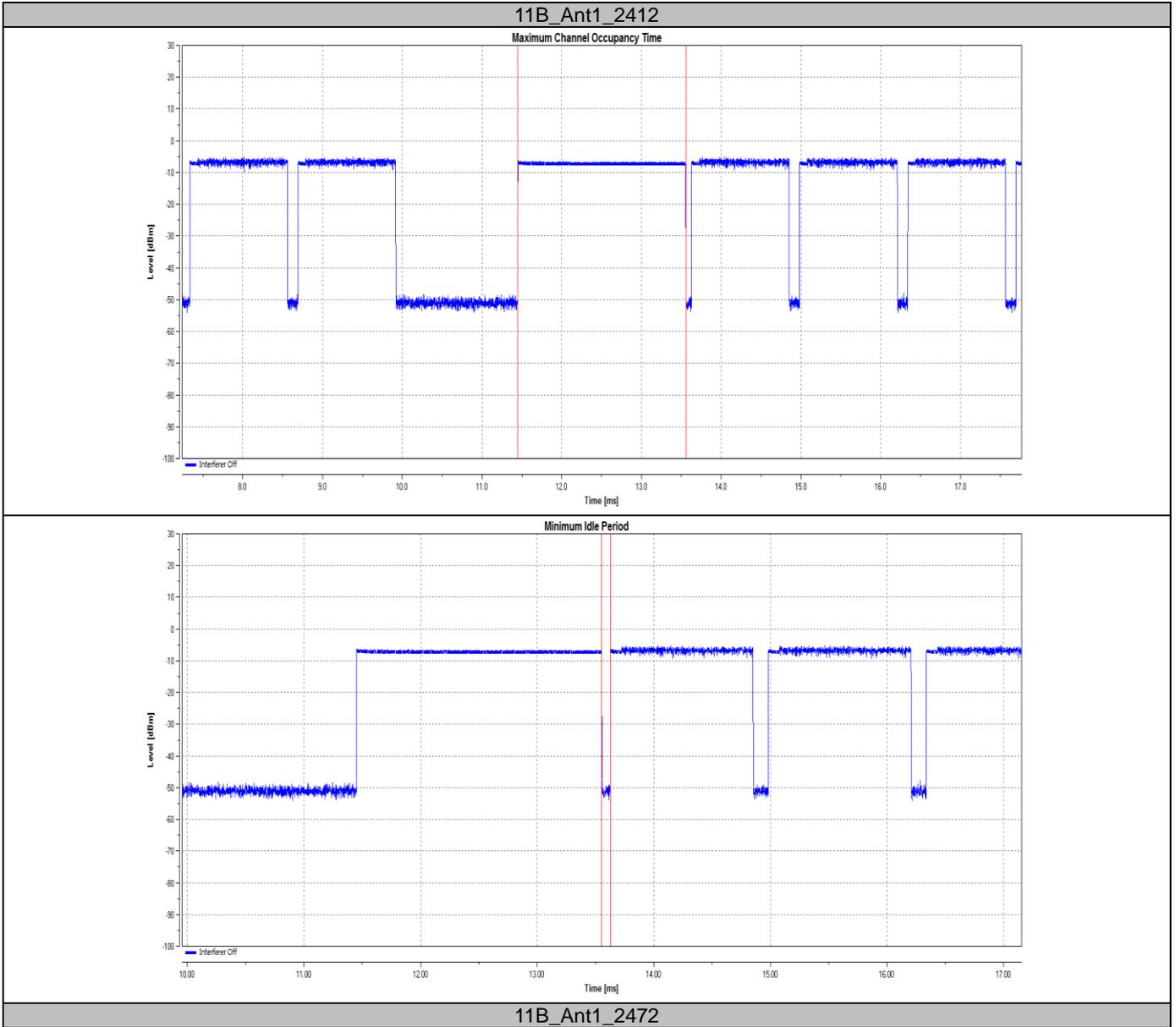
Appendix H: Adaptivity

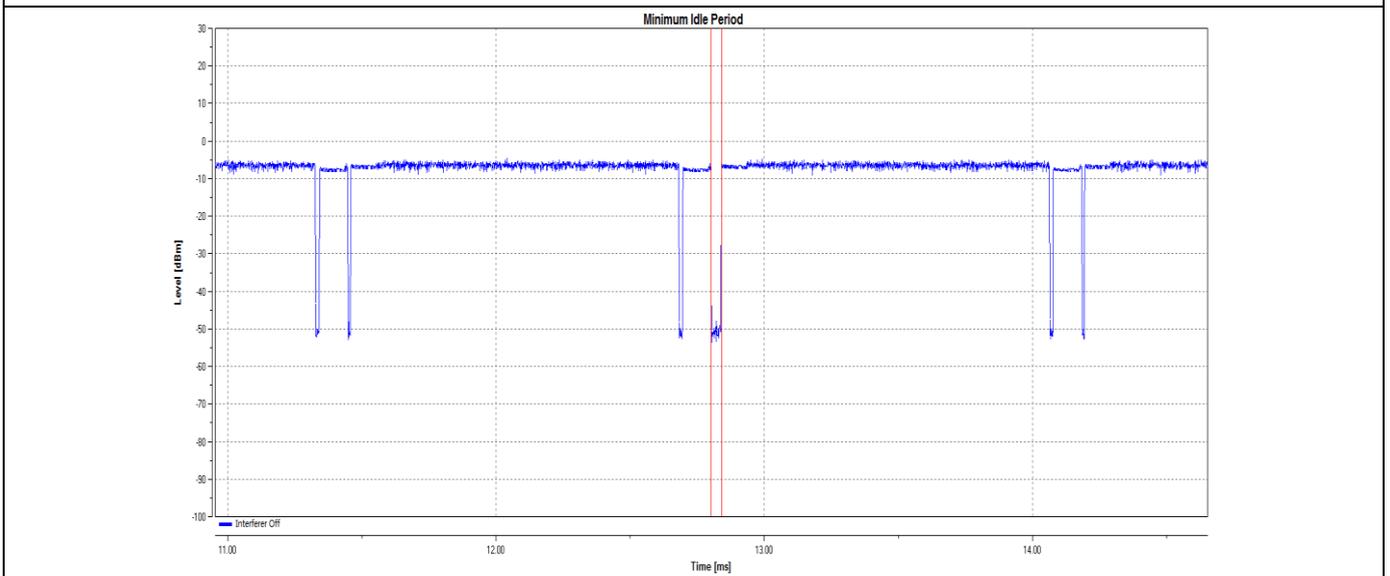
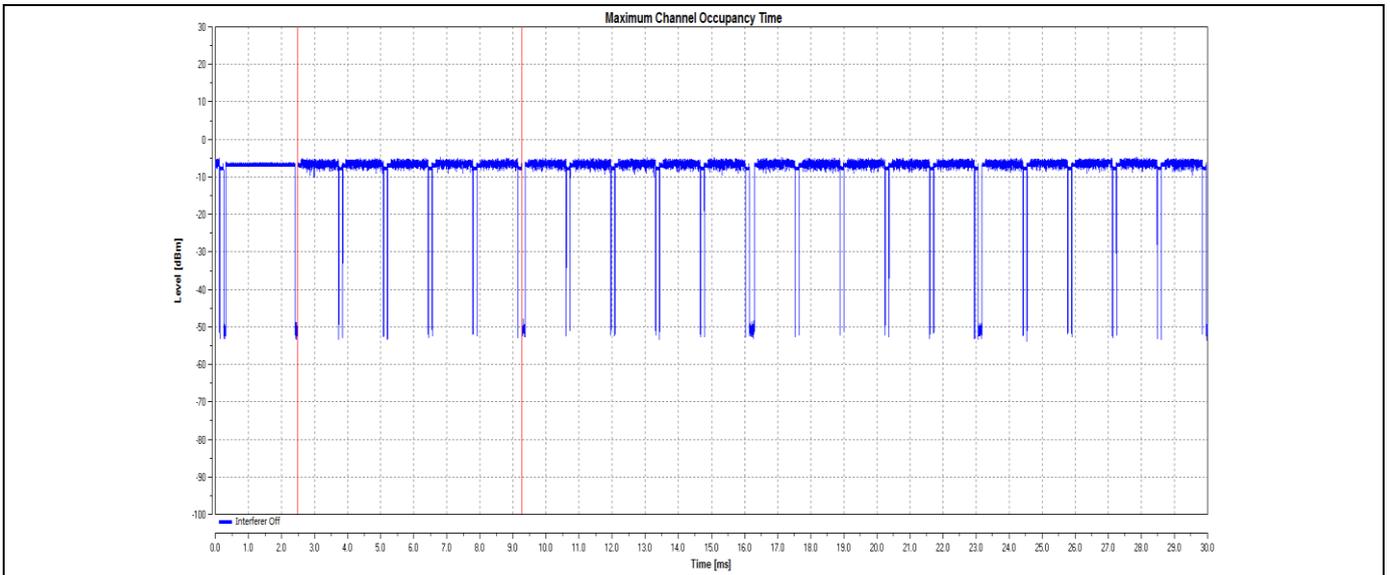
Test Result

TestMode	Antenna	Channel	Max.COT [ms]	Limit[ms]	Min.Idle Time[ms]	Limit[ms]	Verdict
11B	Ant1	2412	2.105	13	0.072	0.018	PASS
		2472	6.769	13	0.037	0.018	PASS
11G	Ant1	2412	2.809	13	0.084	0.018	PASS
		2472	6.714	13	0.030	0.018	PASS
11N20MIMO	Ant1	2412	12.798	13	0.030	0.018	PASS
		2472	8.835	13	0.036	0.018	PASS
11N40MIMO	Ant1	2422	5.457	13	0.061	0.018	PASS
		2462	3.945	13	0.061	0.018	PASS
11AX20MIMO	Ant1	2412	11.236	13	0.068	0.018	PASS
		2472	5.469	13	0.061	0.018	PASS
11AX40MIMO	Ant1	2422	5.361	13	0.060	0.018	PASS
		2462	5.458	13	0.061	0.018	PASS

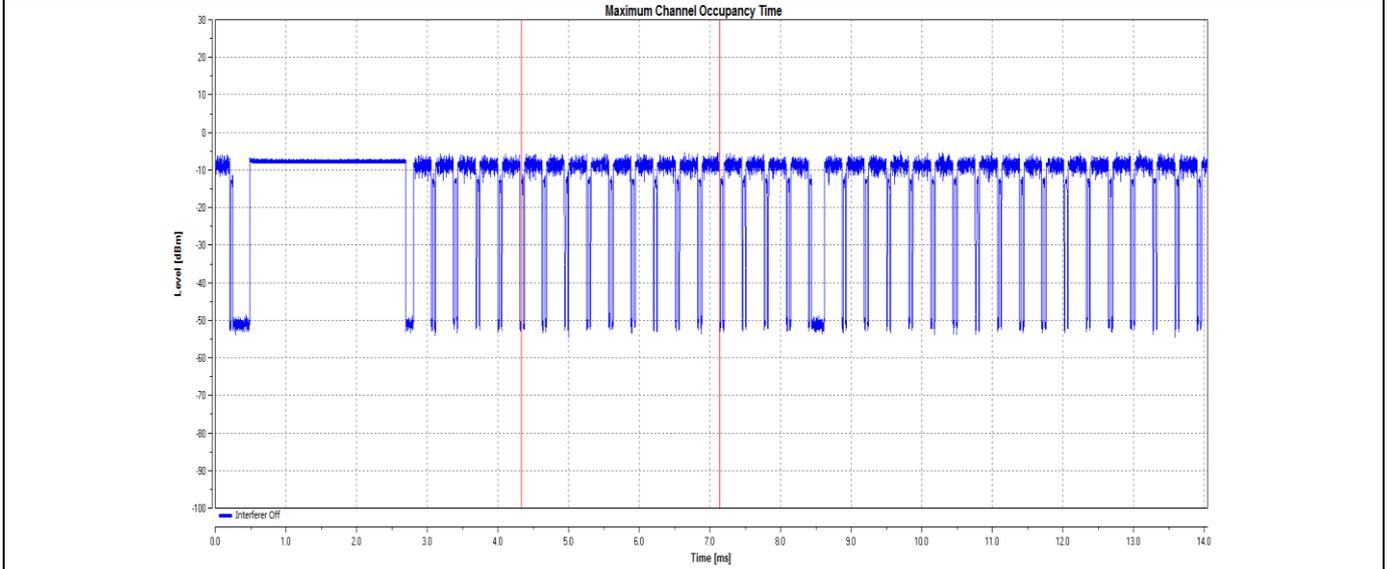
TestMode	Antenna	Channel	Add Signal Type	Add Signal Time[ms]	Add Signal Level[dbm]	Max. Short Time [%]	Limit [%]	Verdict
11B	Ant1	2412	AWGN	3000	-64.18	3.20	10	PASS
			CW	63000	-32.00	0.00	10	PASS
		2472	AWGN	3000	-64.10	0.00	10	PASS
			CW	63000	-32.00	0.00	10	PASS
11G	Ant1	2412	AWGN	3000	-66.30	0.00	10	PASS
			CW	63000	-32.00	0.00	10	PASS
		2472	AWGN	3000	-66.48	0.00	10	PASS
			CW	63000	-32.00	0.00	10	PASS
11N20MIMO	Ant1	2412	AWGN	3000	-61.47	0.00	10	PASS
			CW	63000	-32.00	0.00	10	PASS
		2472	AWGN	3000	-61.66	0.00	10	PASS
			CW	63000	-32.00	0.00	10	PASS
11N40MIMO	Ant1	2422	AWGN	3000	-61.87	4.00	10	PASS
			CW	63000	-32.00	0.00	10	PASS
		2462	AWGN	3000	-61.85	3.00	10	PASS
			CW	63000	-32.00	0.00	10	PASS
11AX20MIMO	Ant1	2412	AWGN	3000	-61.78	0.00	10	PASS
			CW	63000	-32.00	0.00	10	PASS
		2472	AWGN	3000	-61.00	3.20	10	PASS
			CW	63000	-32.00	0.00	10	PASS
11AX40MIMO	Ant1	2422	AWGN	3000	-61.50	3.40	10	PASS
			CW	63000	-32.00	0.00	10	PASS
		2462	AWGN	3000	-60.84	3.20	10	PASS
			CW	63000	-32.00	0.00	10	PASS

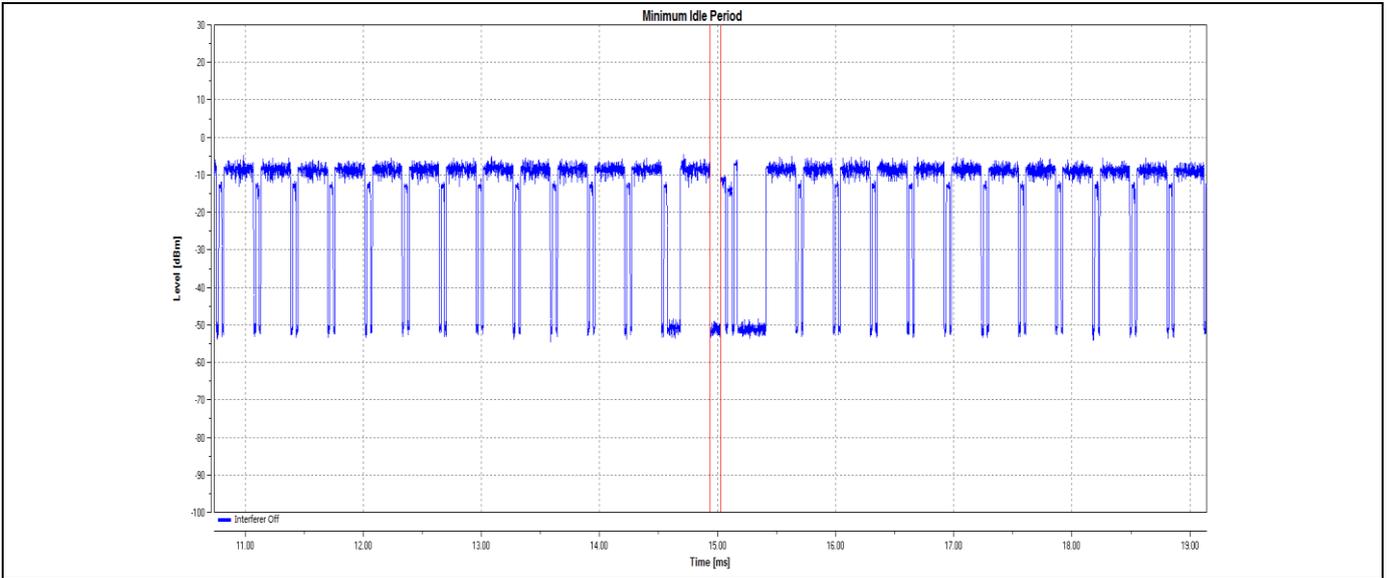
Test Graphs



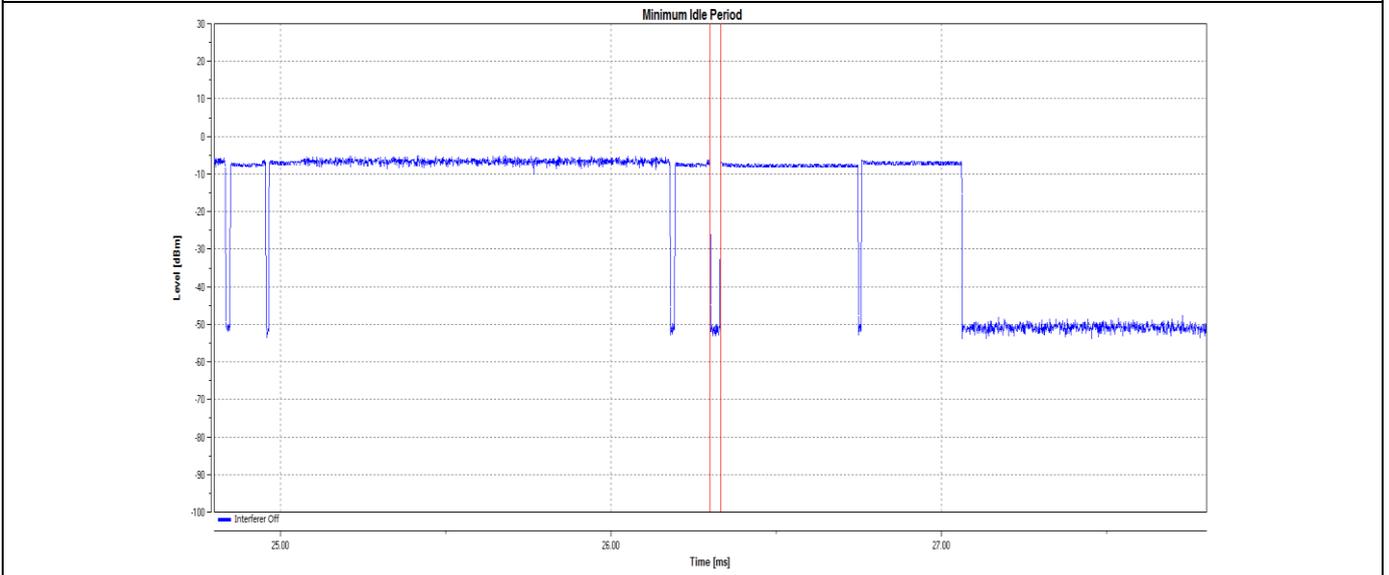
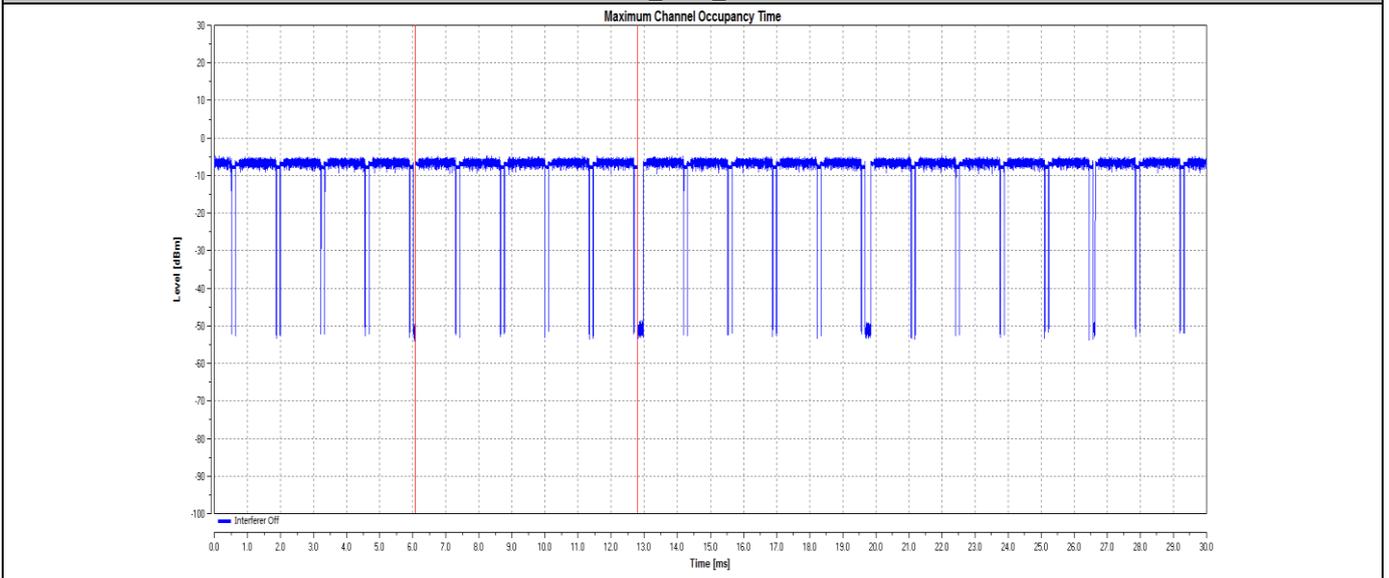


11G_Ant1_2412

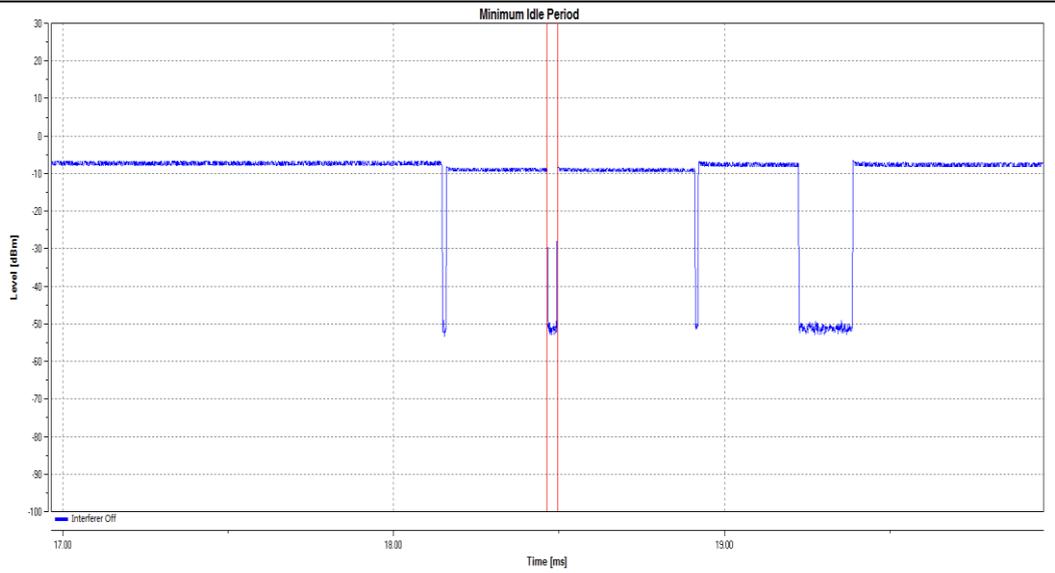
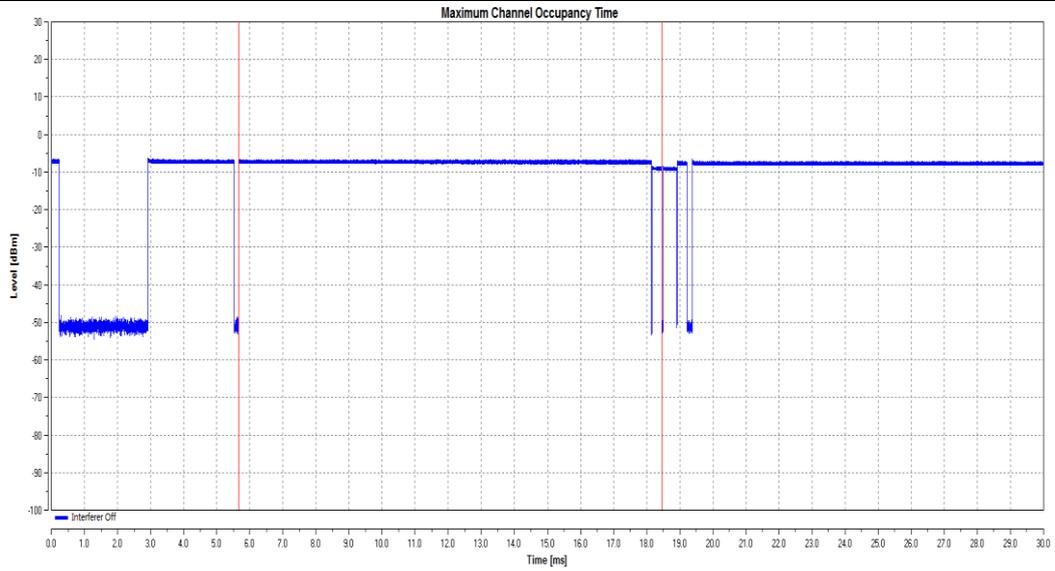




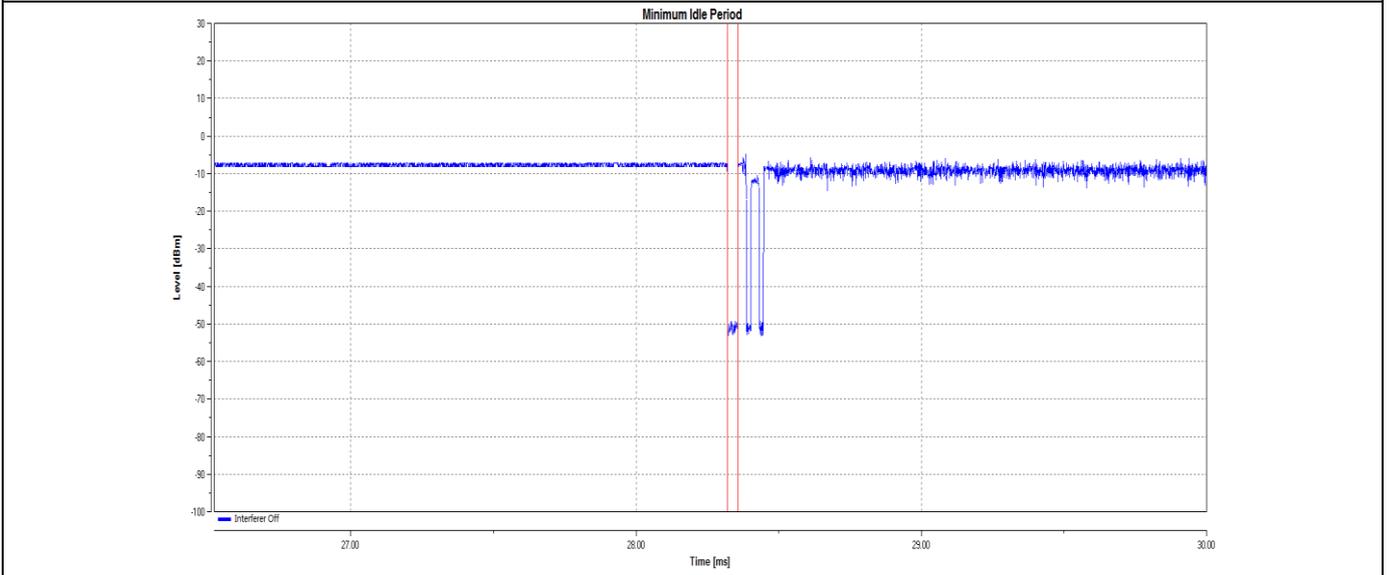
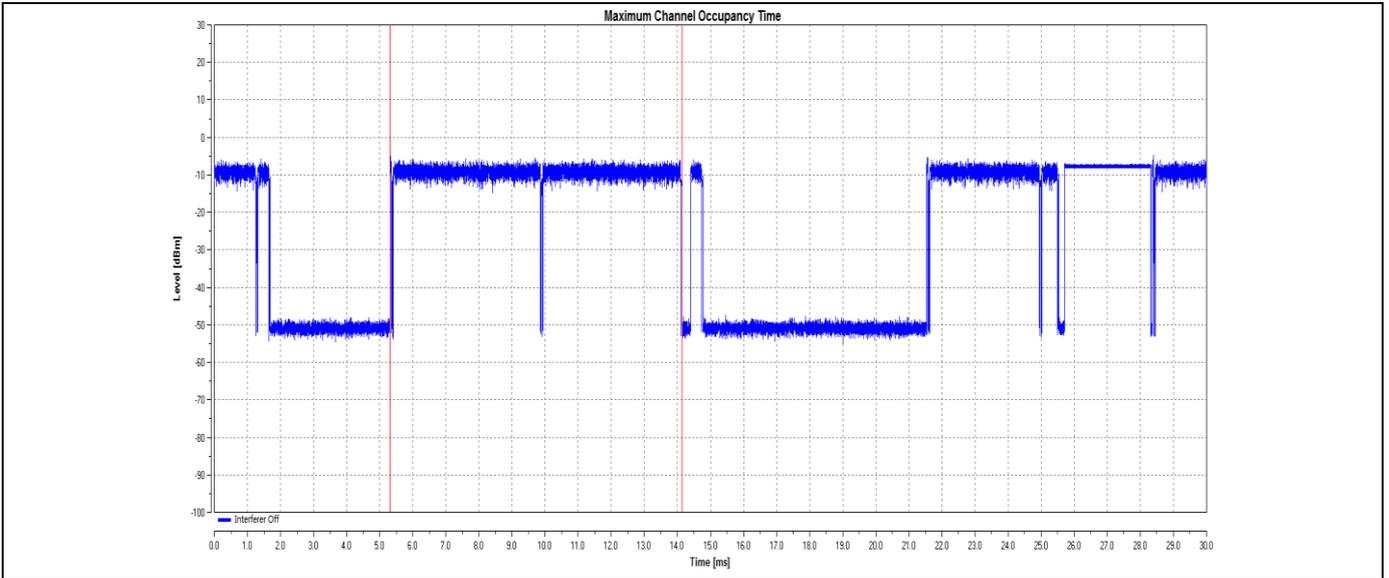
11G_Ant1_2472



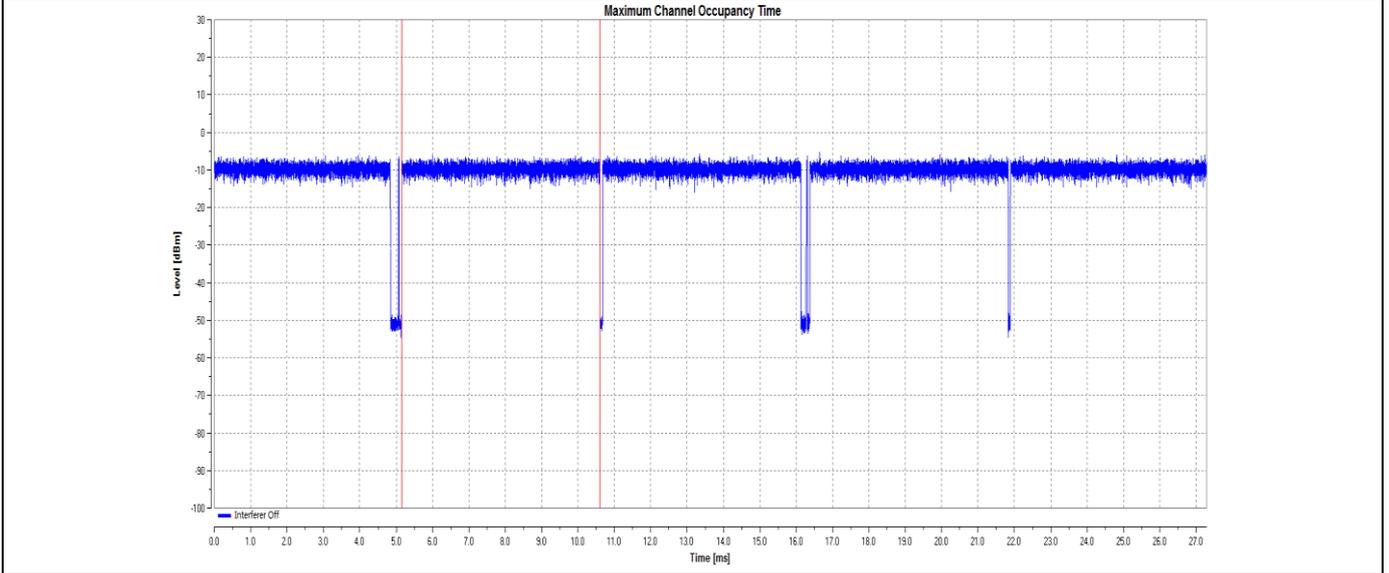
11N20MIMO_Ant1_2412

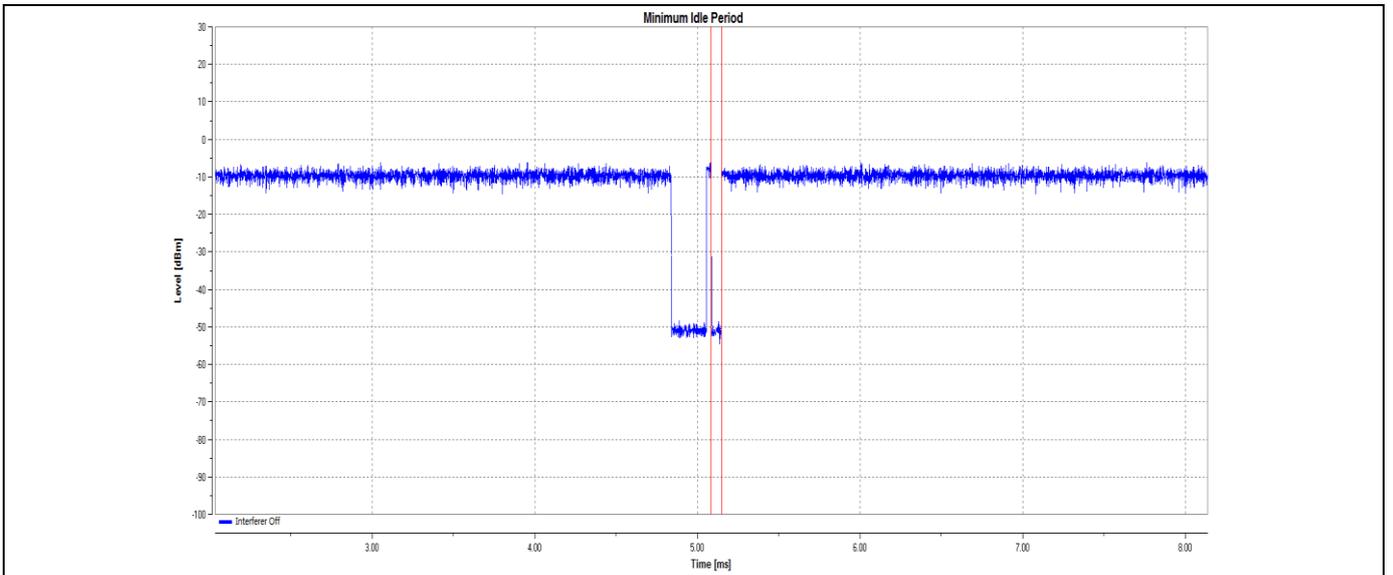


11N20MIMO_Ant1_2472

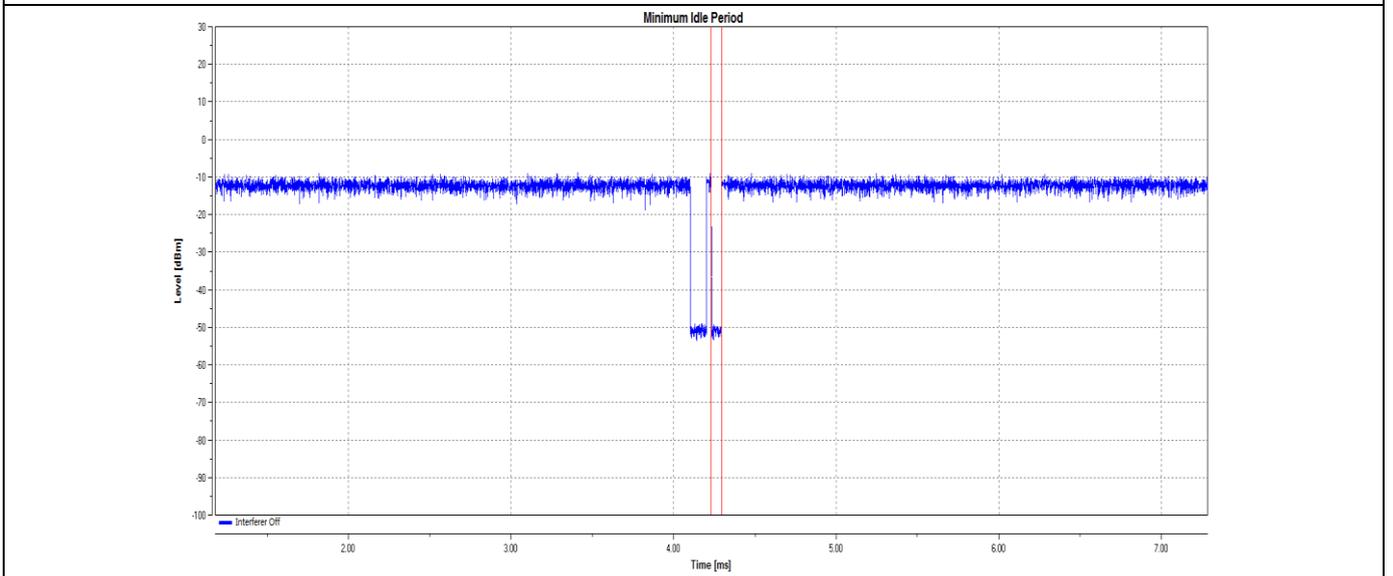
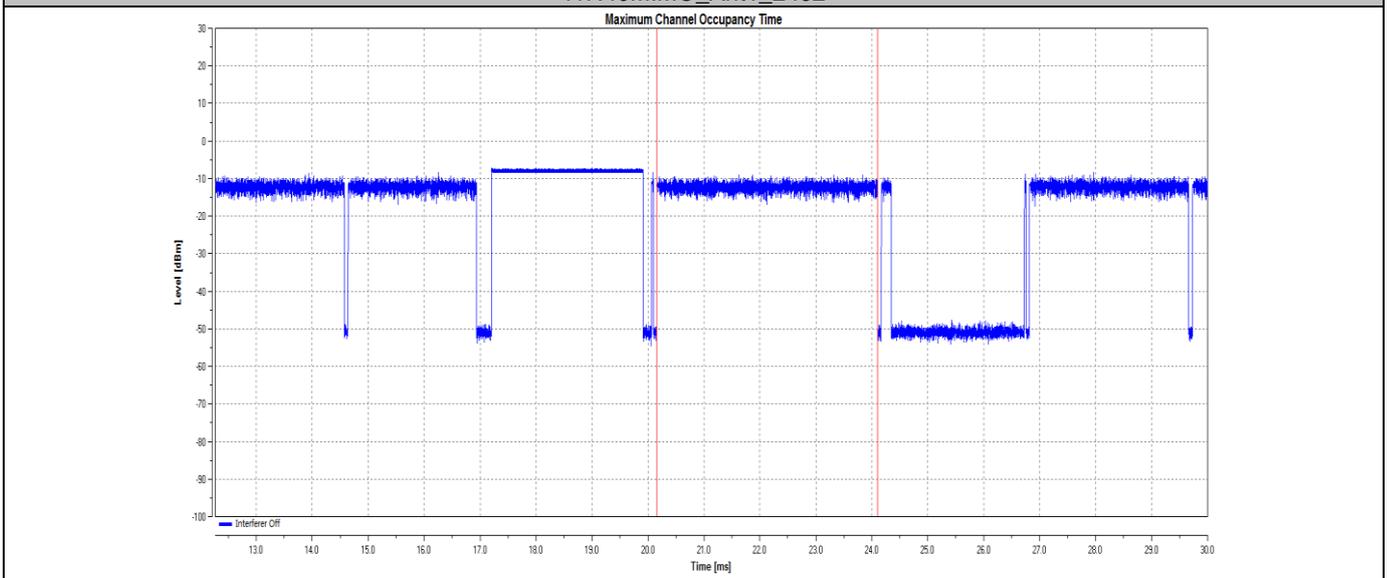


11N40MIMO_Ant1_2422

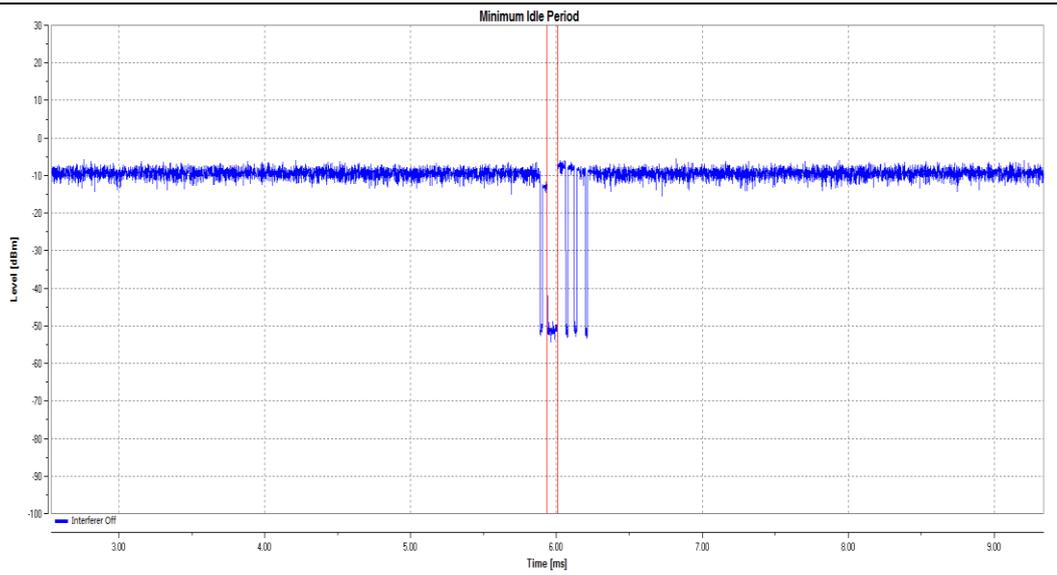
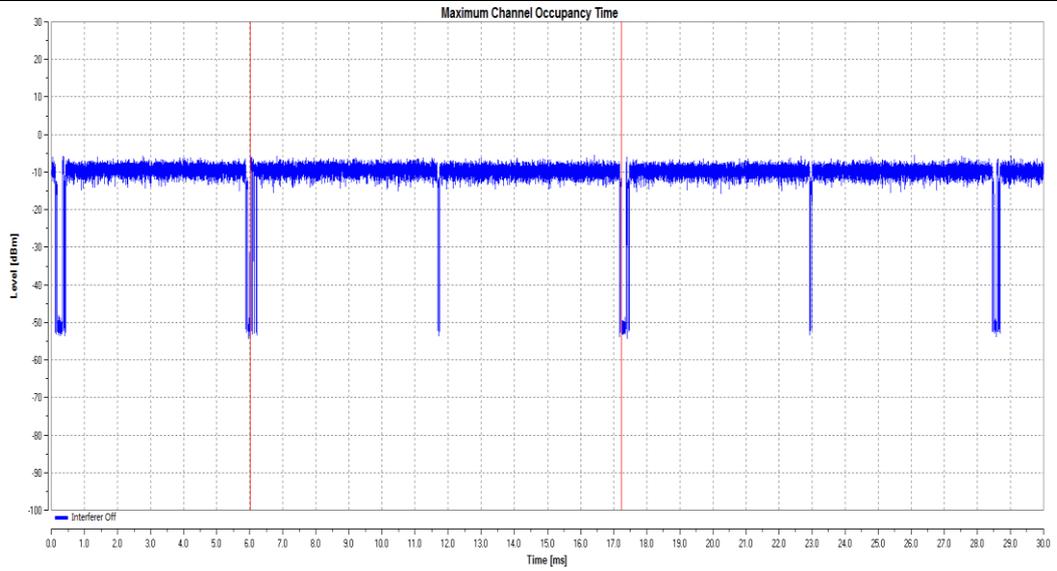




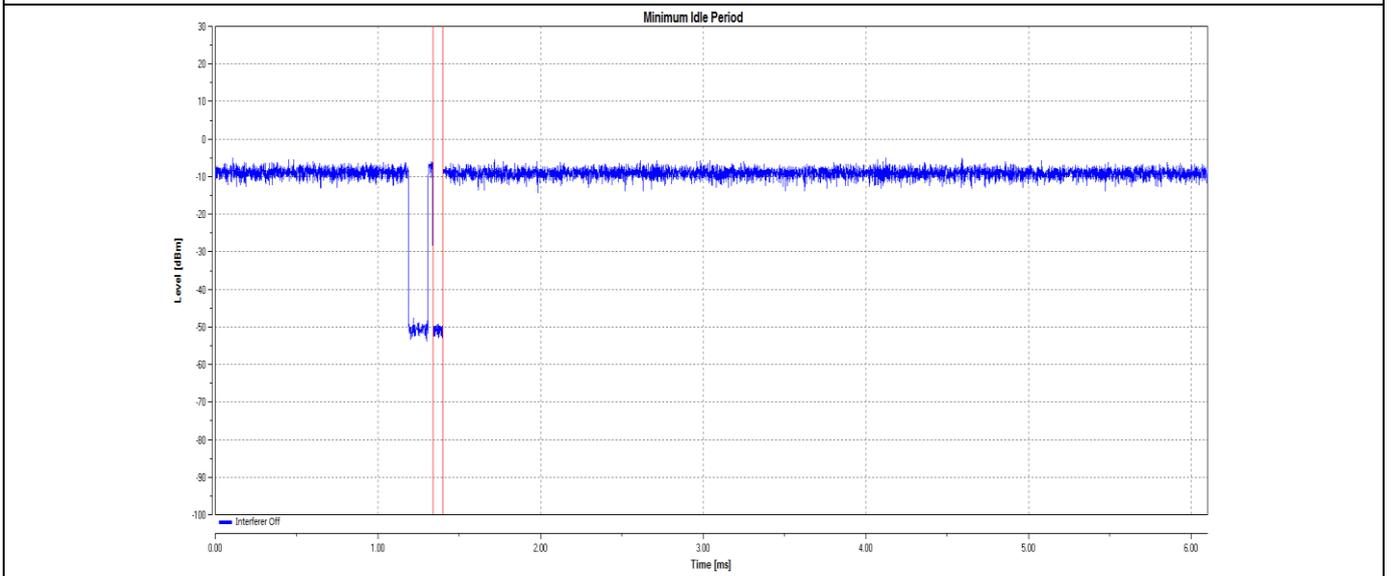
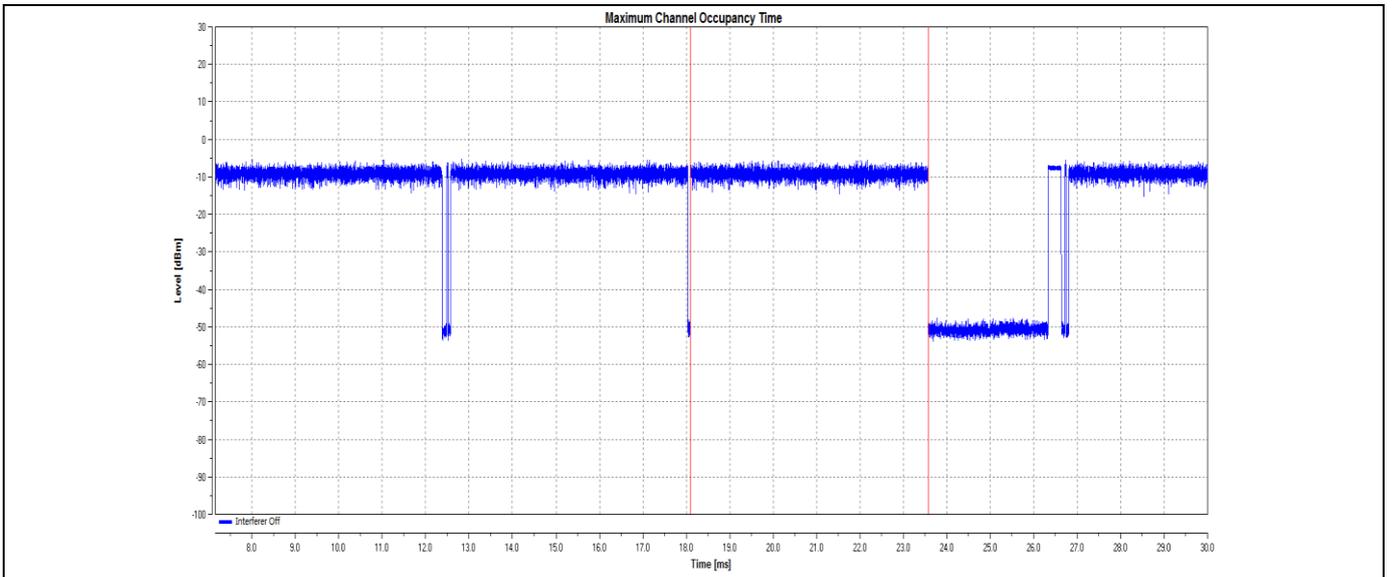
11N40MIMO_Ant1_2462



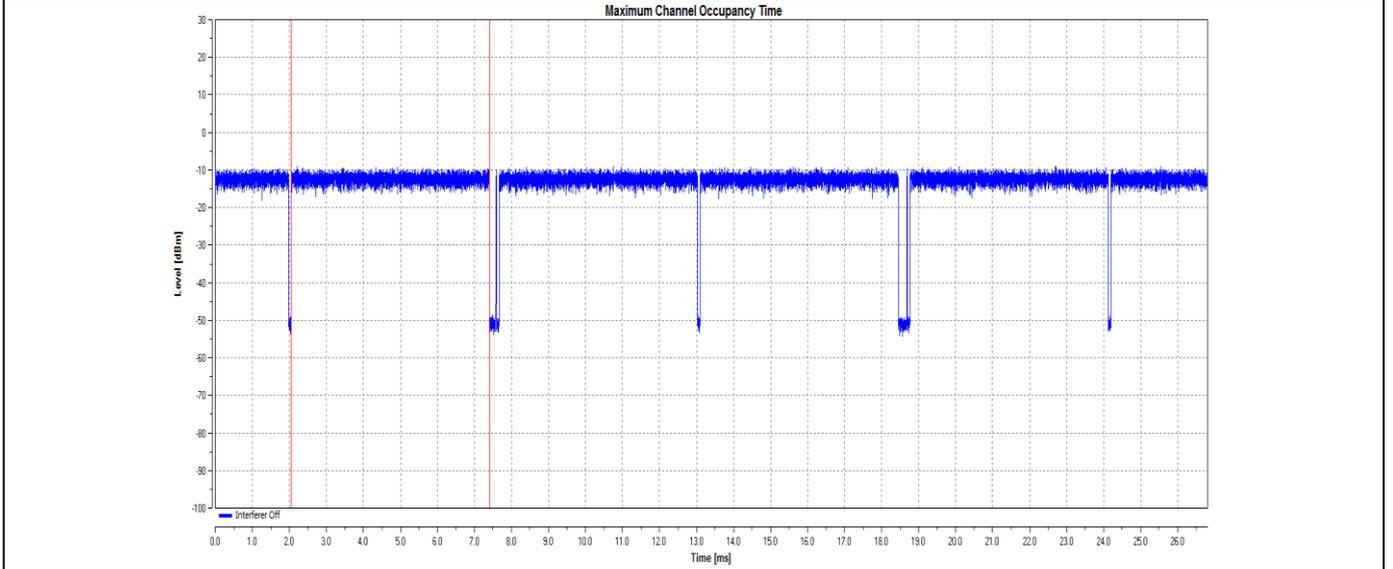
11AX20MIMO_Ant1_2412

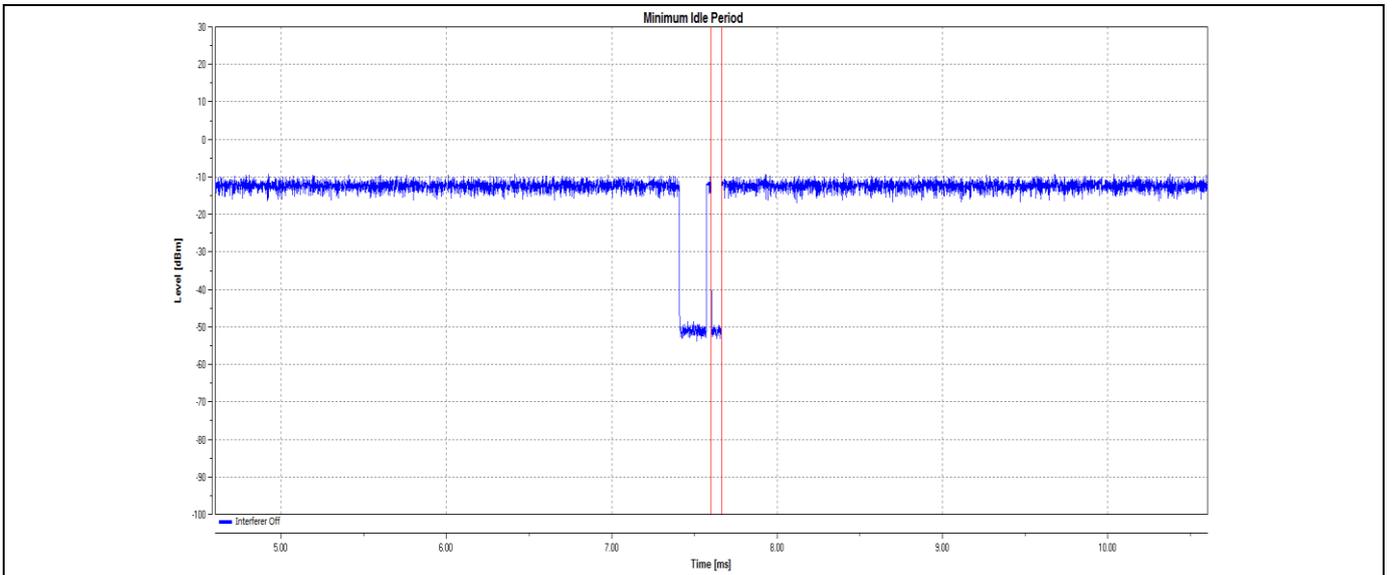


11AX20MIMO_Ant1_2472

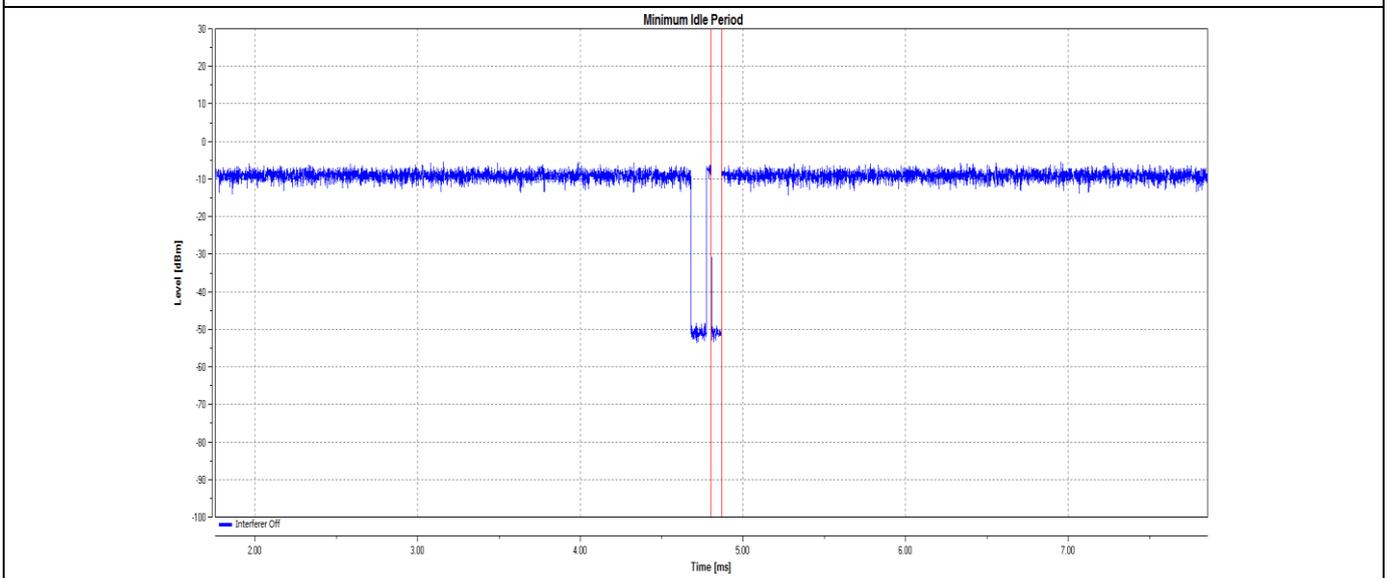
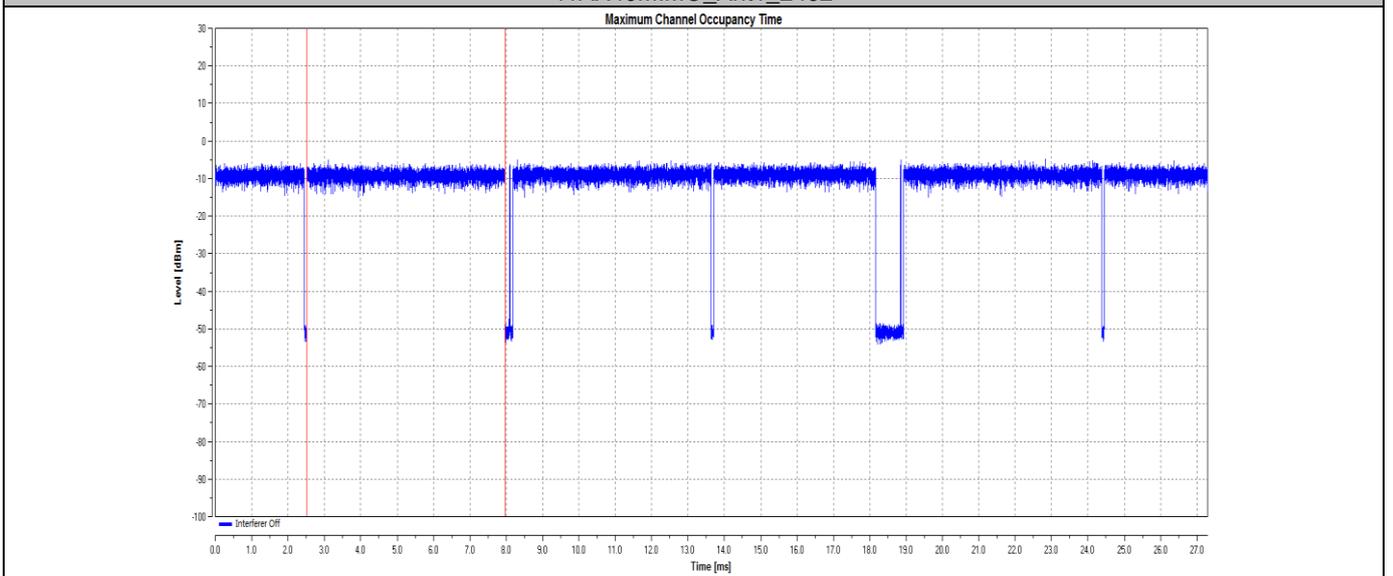


11AX40MIMO_Ant1_2422

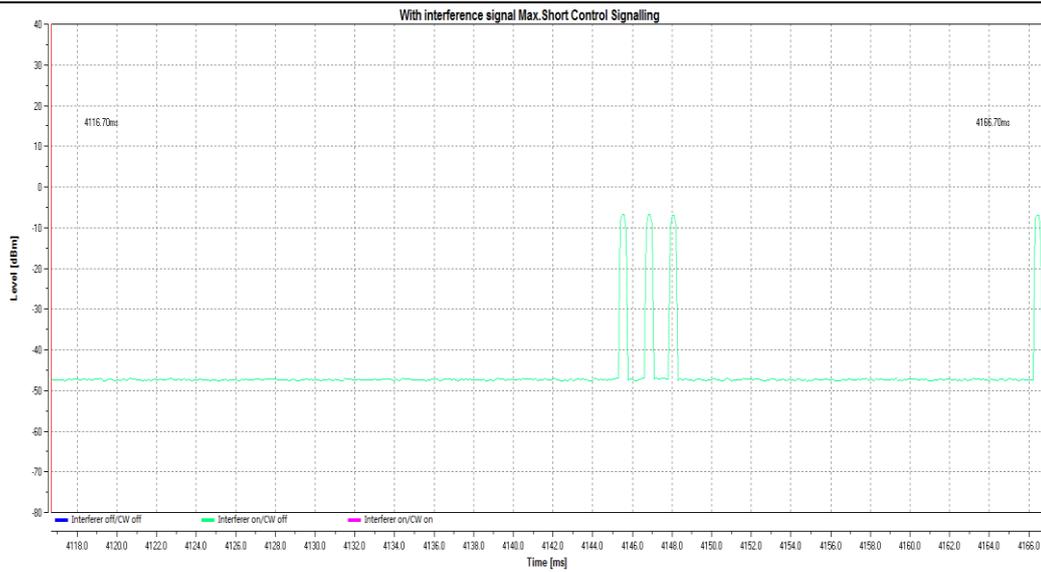
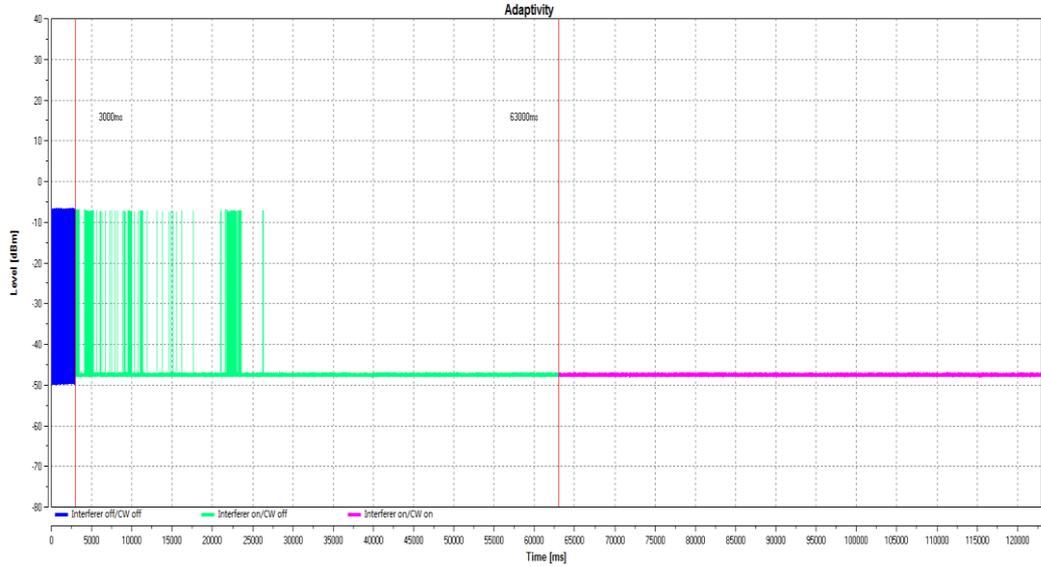


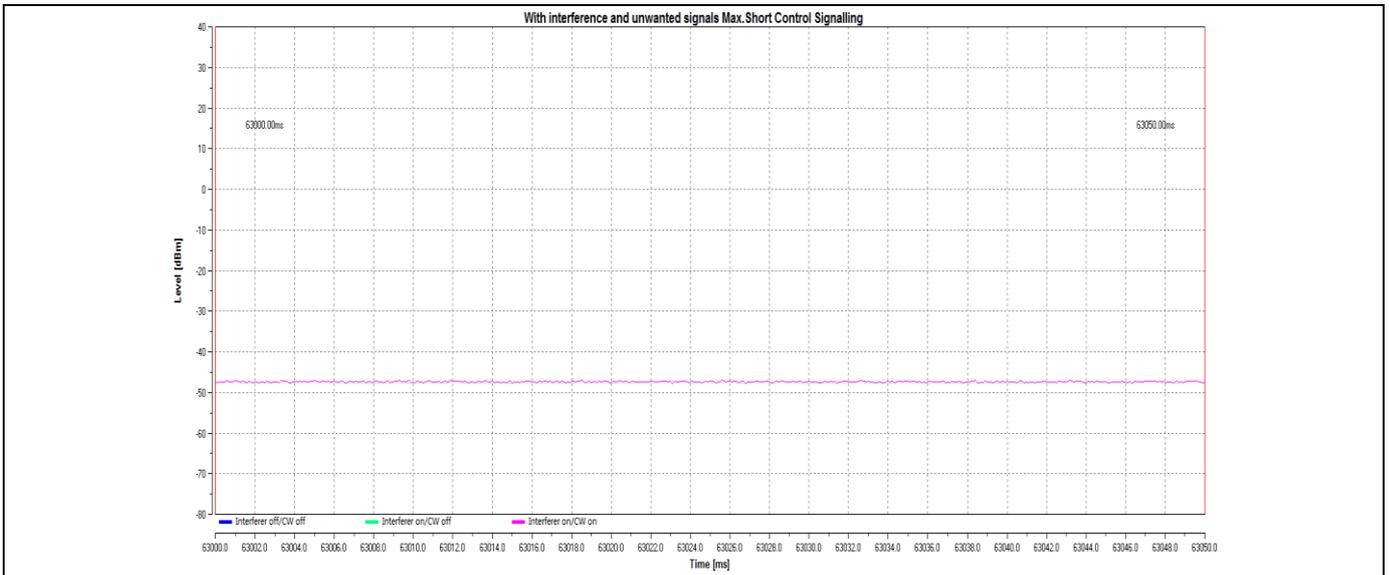


11AX40MIMO_Ant1_2462

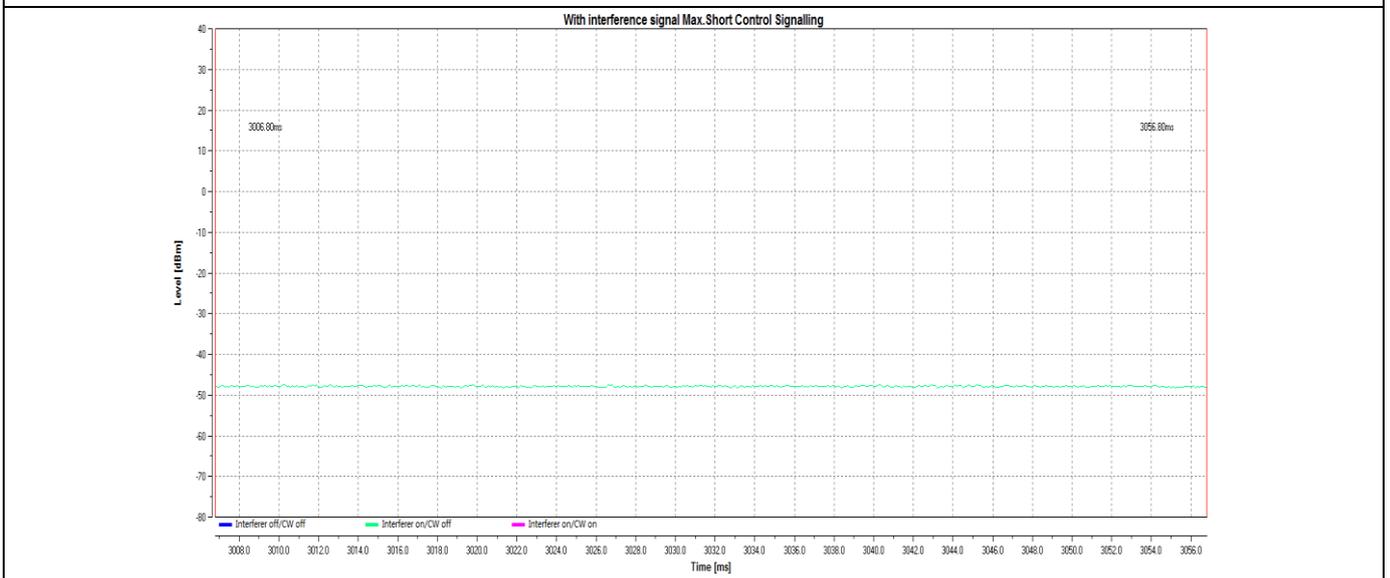
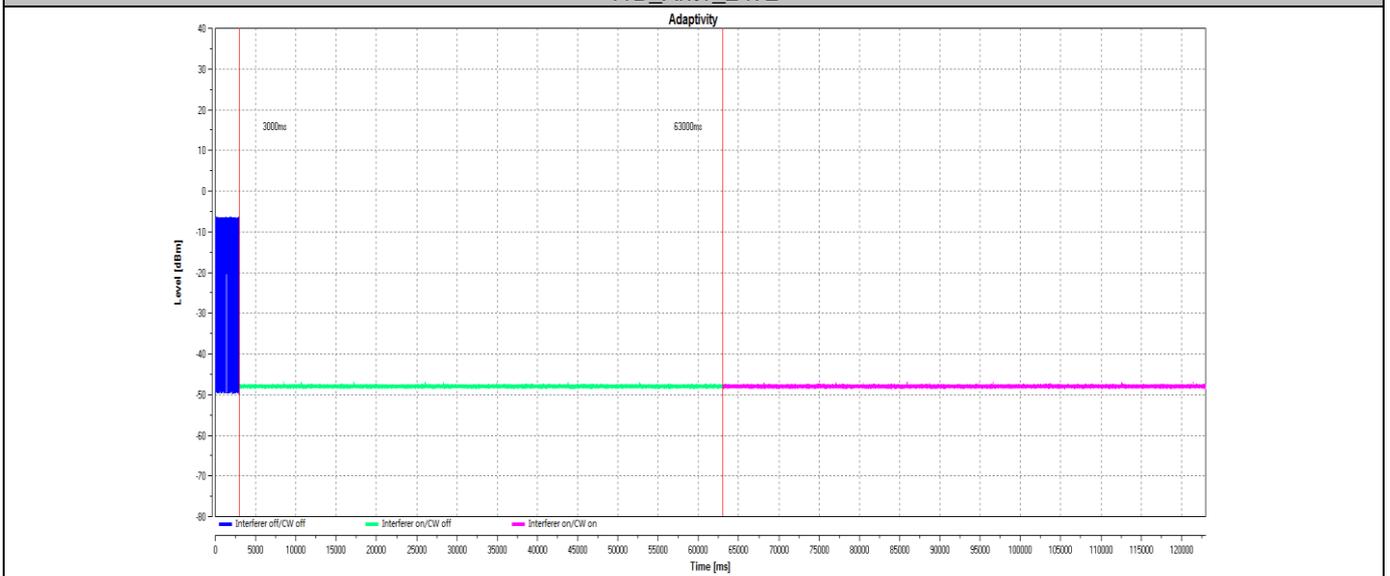


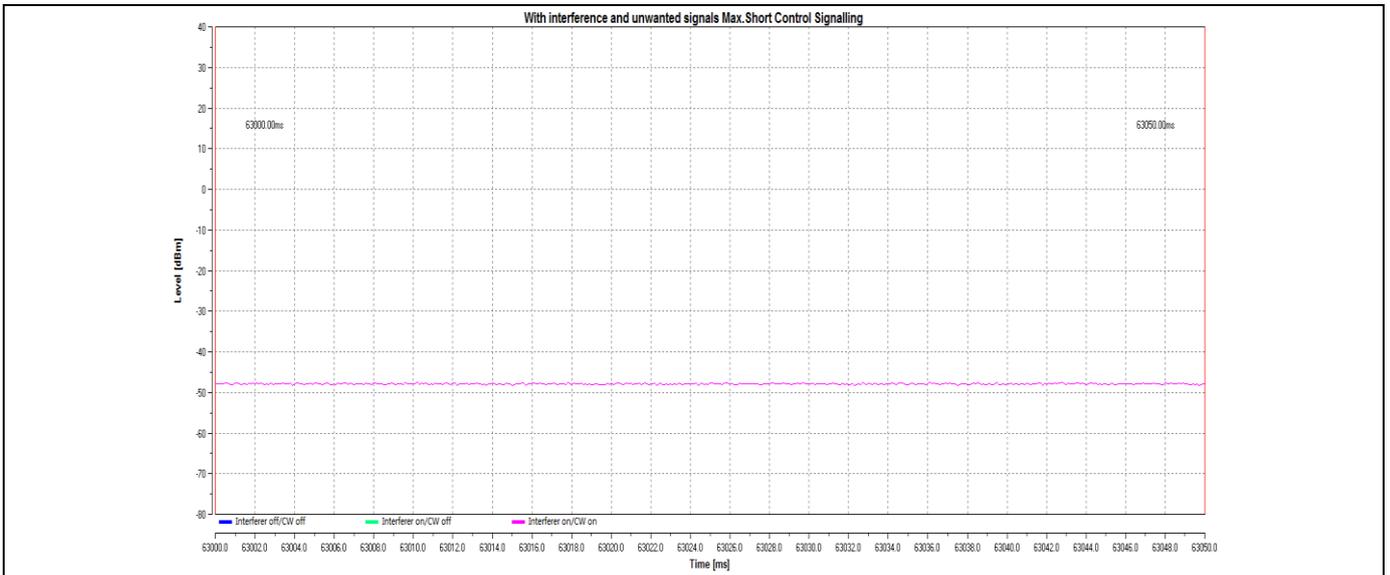
11B_Ant1_2412



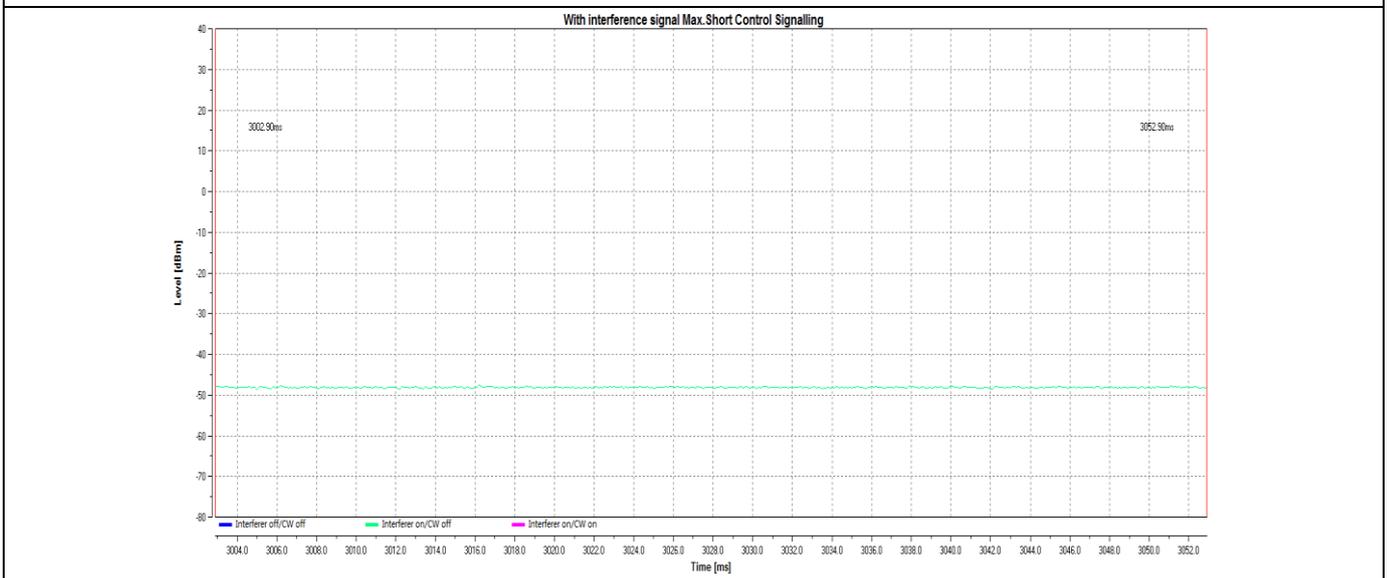
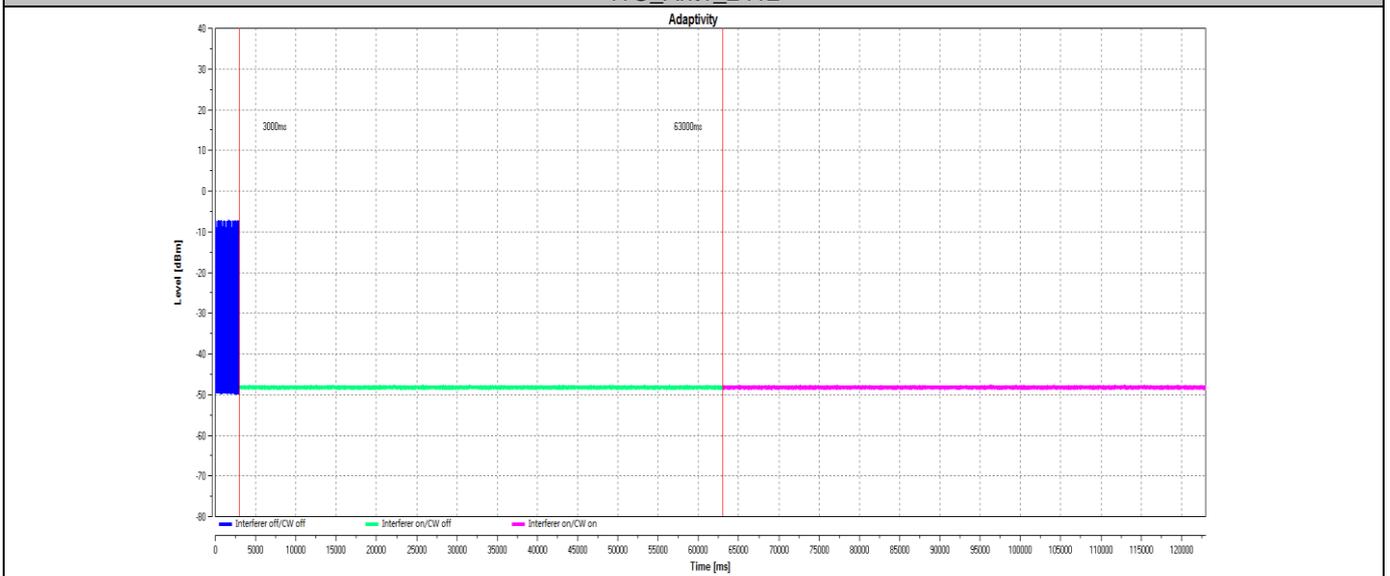


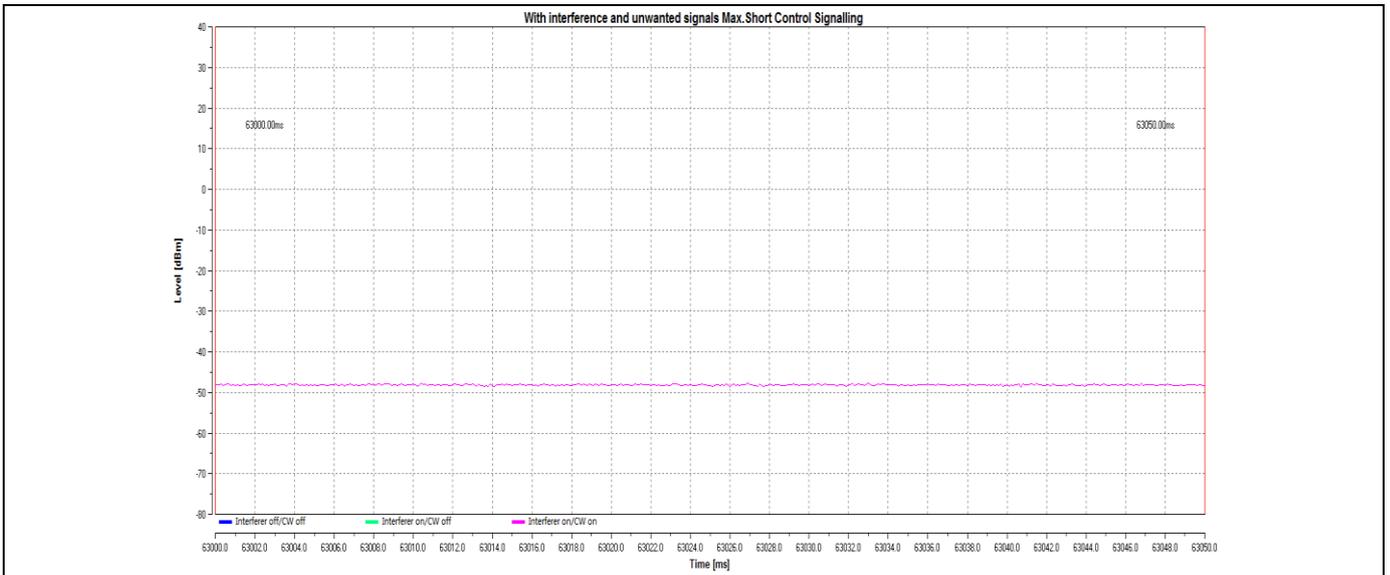
11B_Ant1_2472



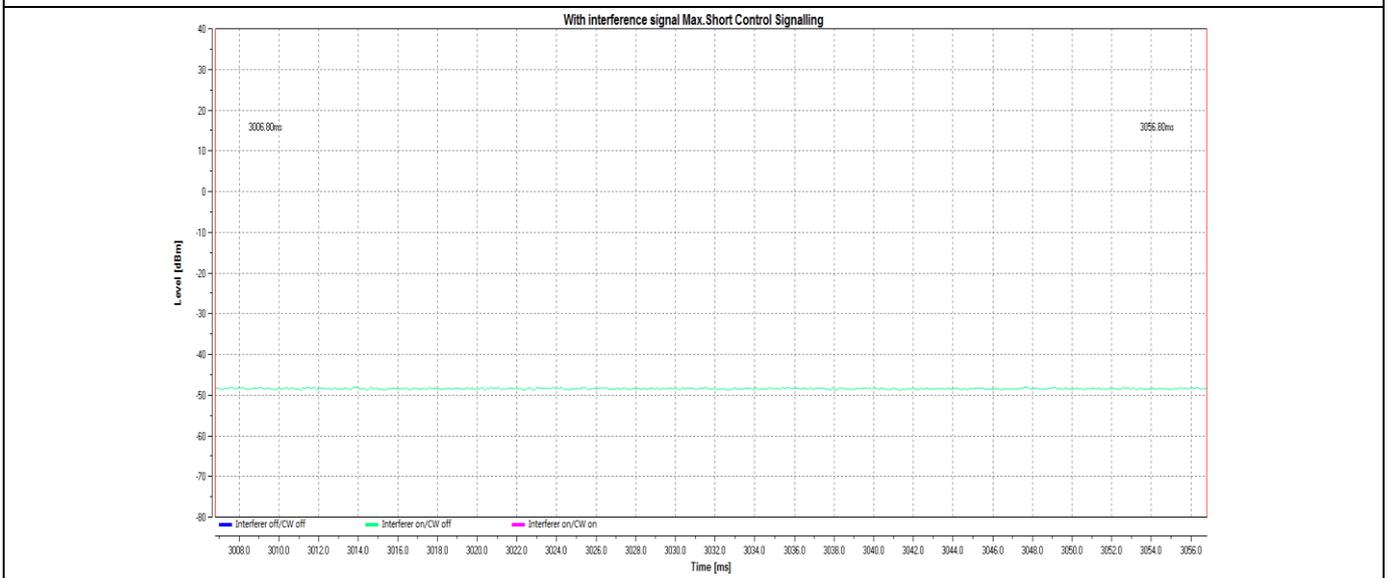
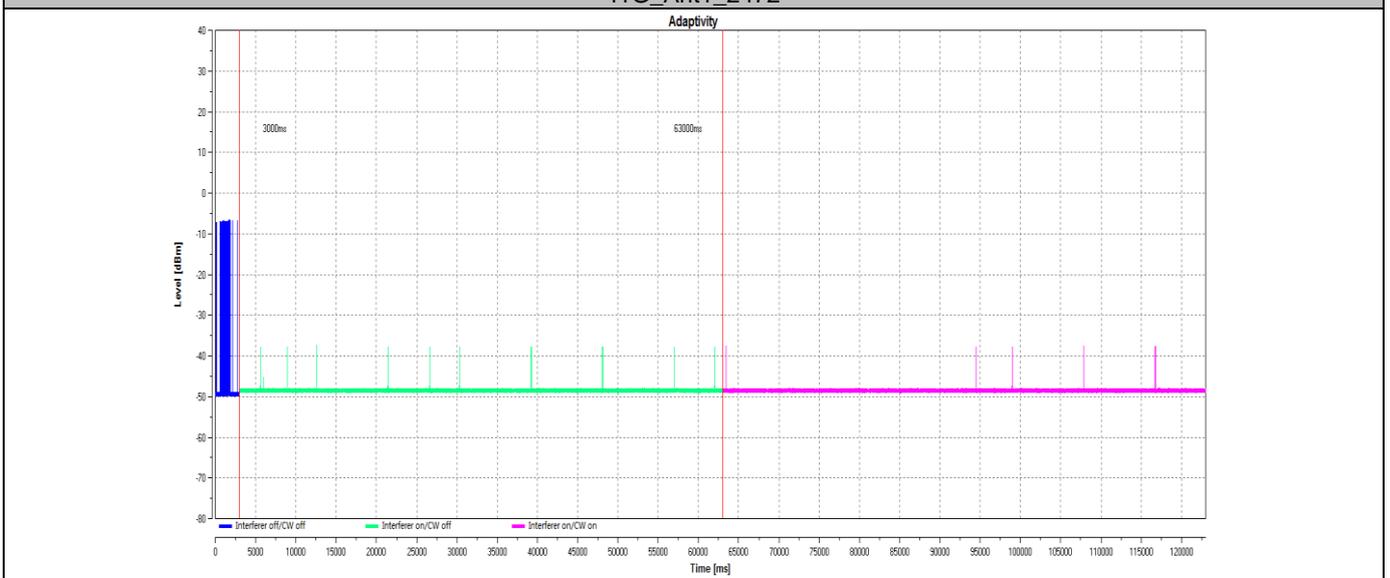


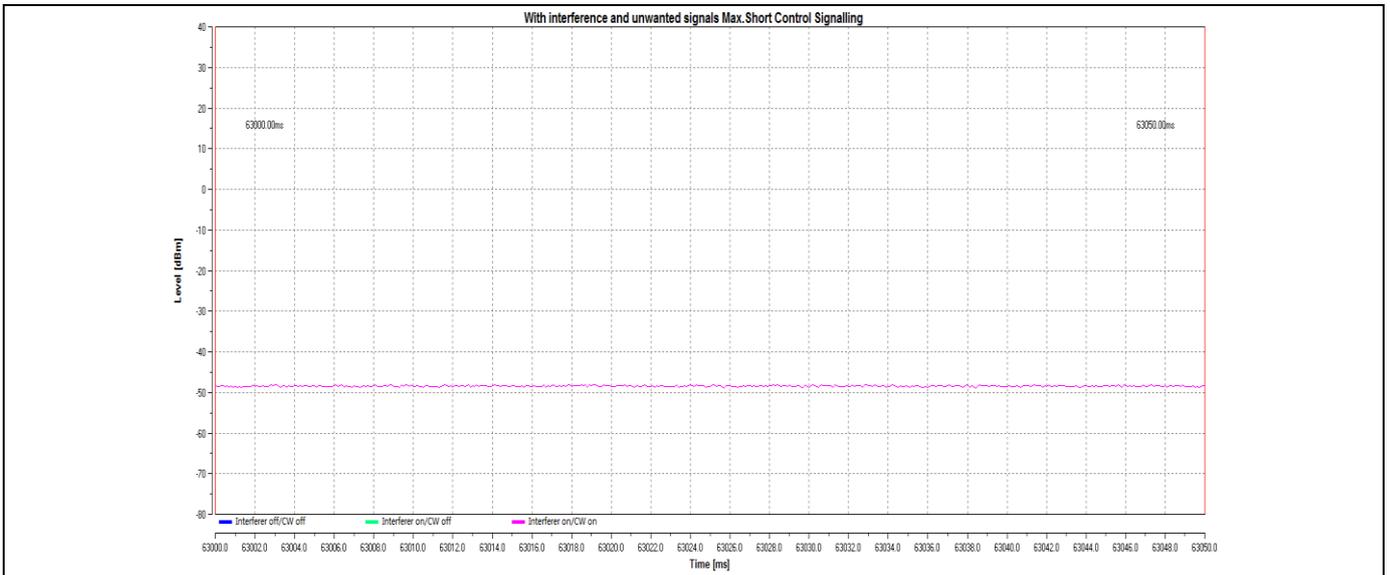
11G_Ant1_2412



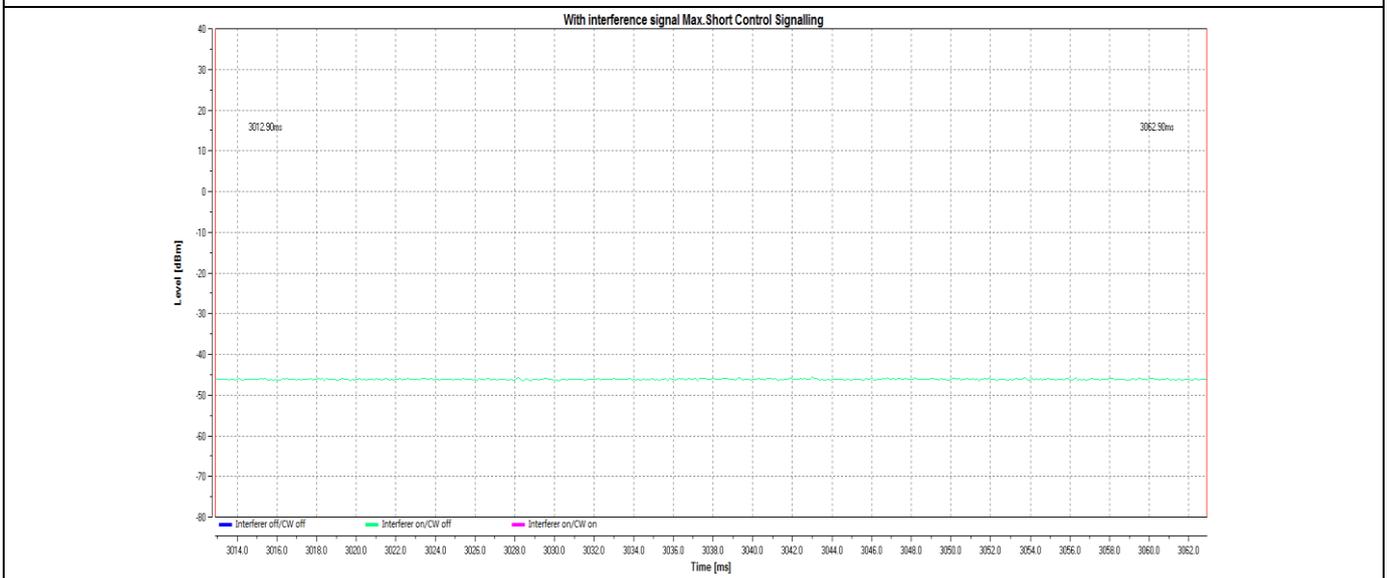
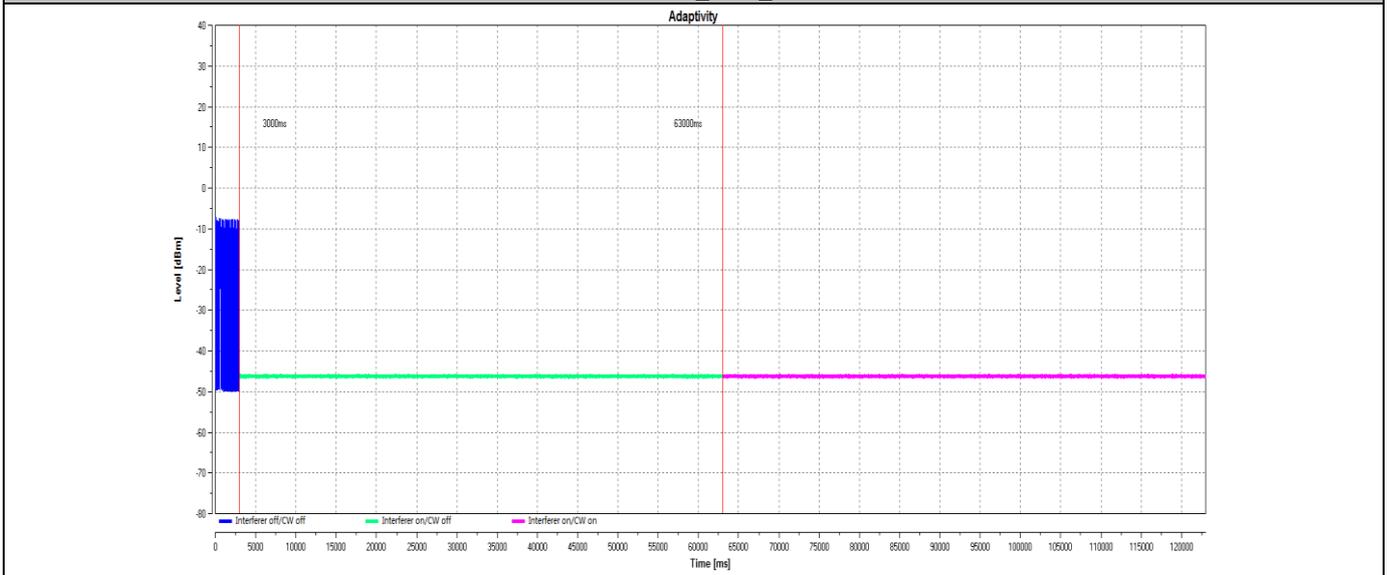


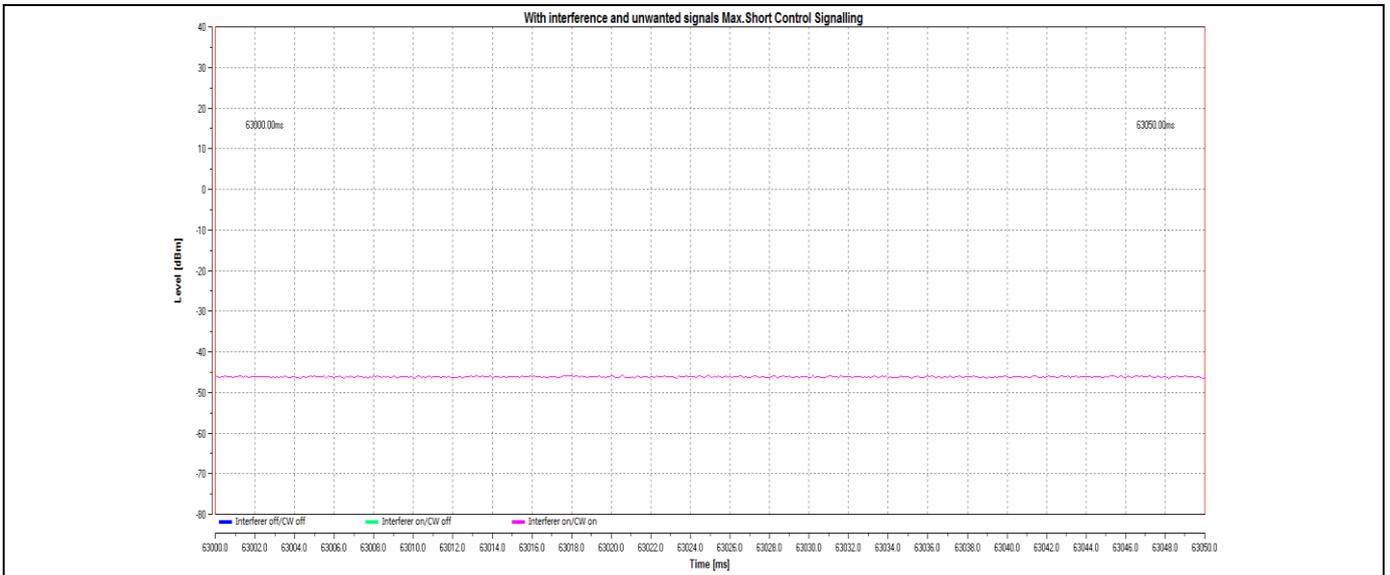
11G_Ant1_2472



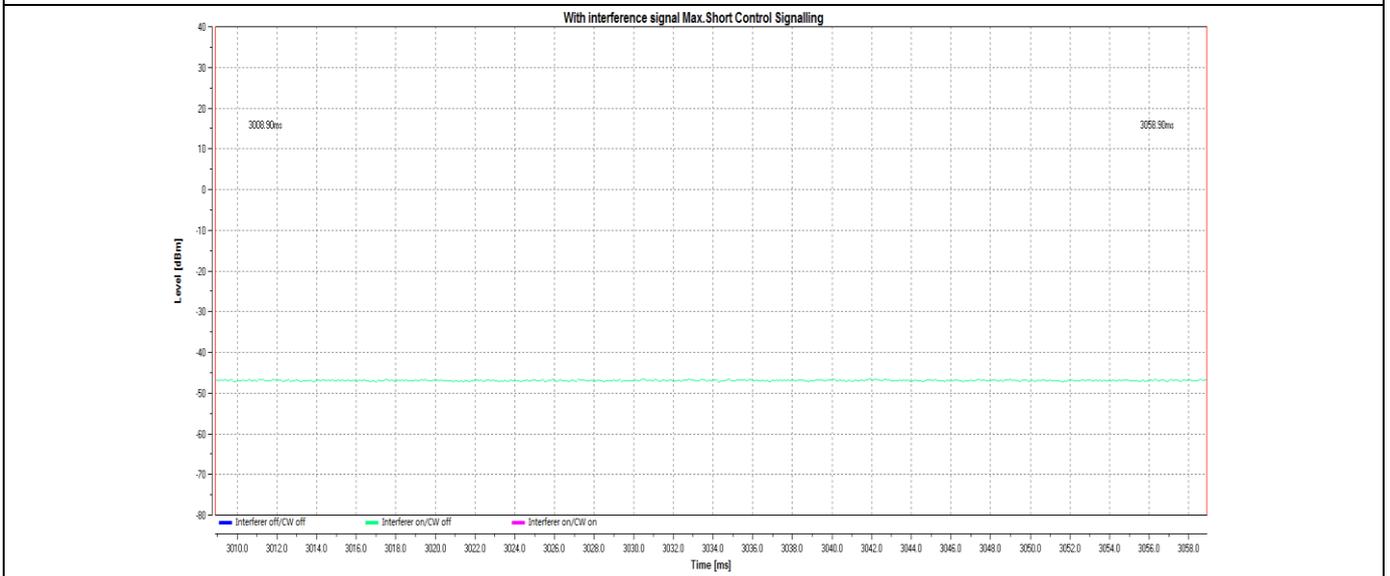
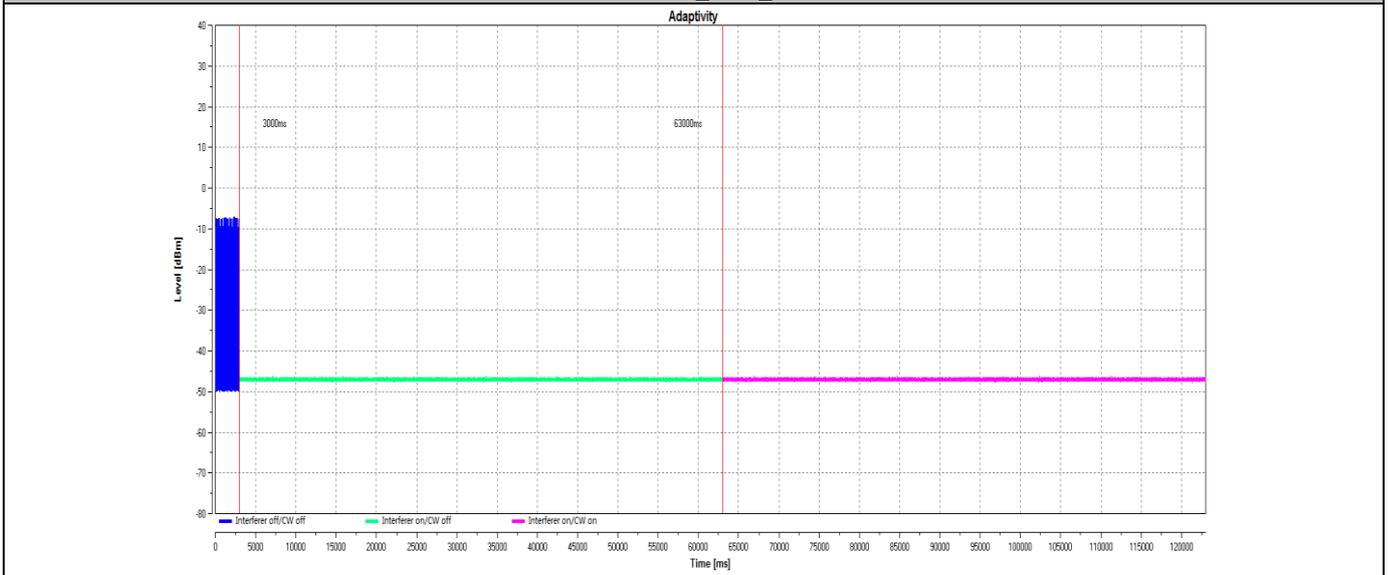


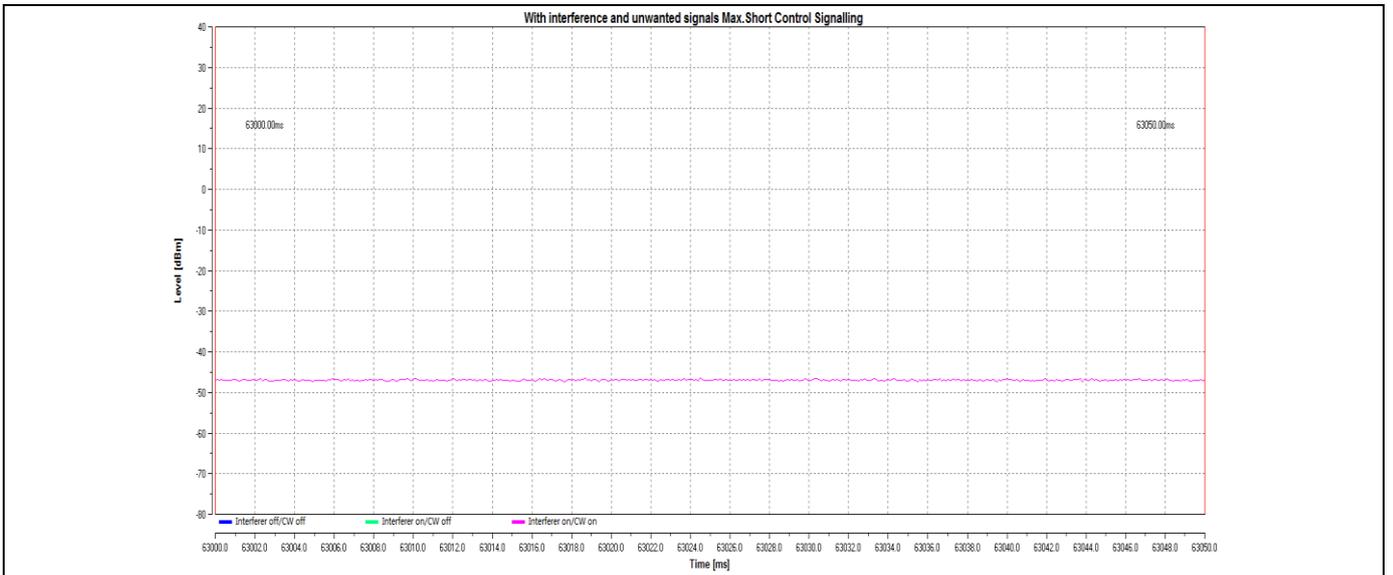
11N20MIMO_Ant1_2412



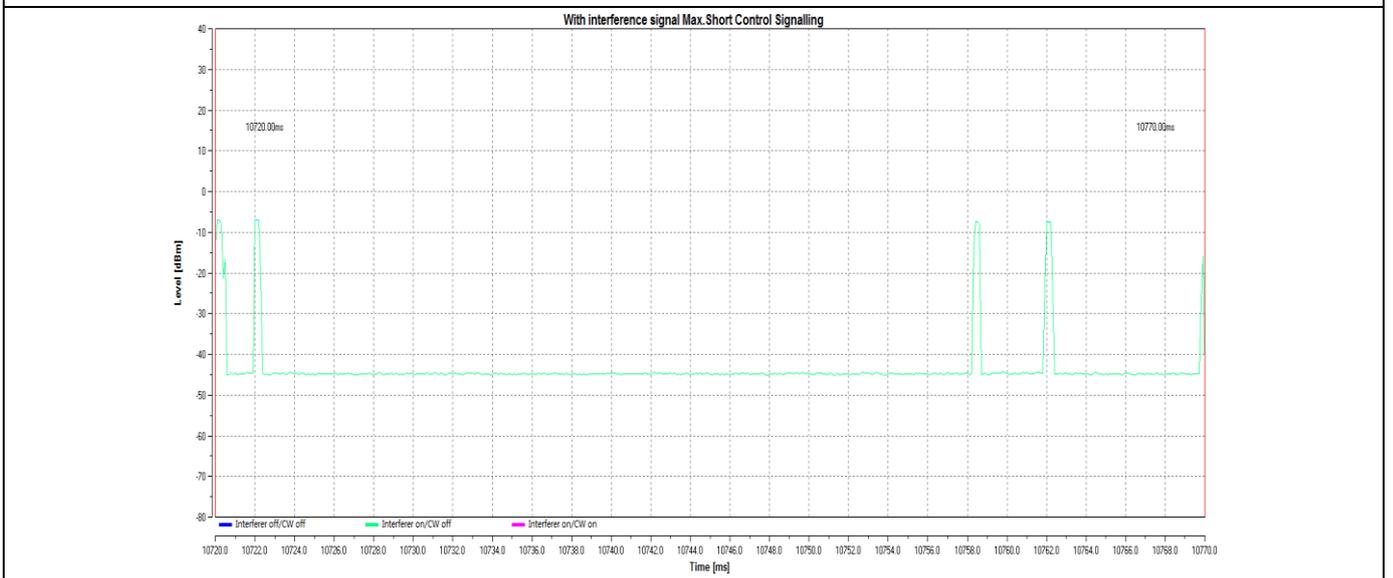
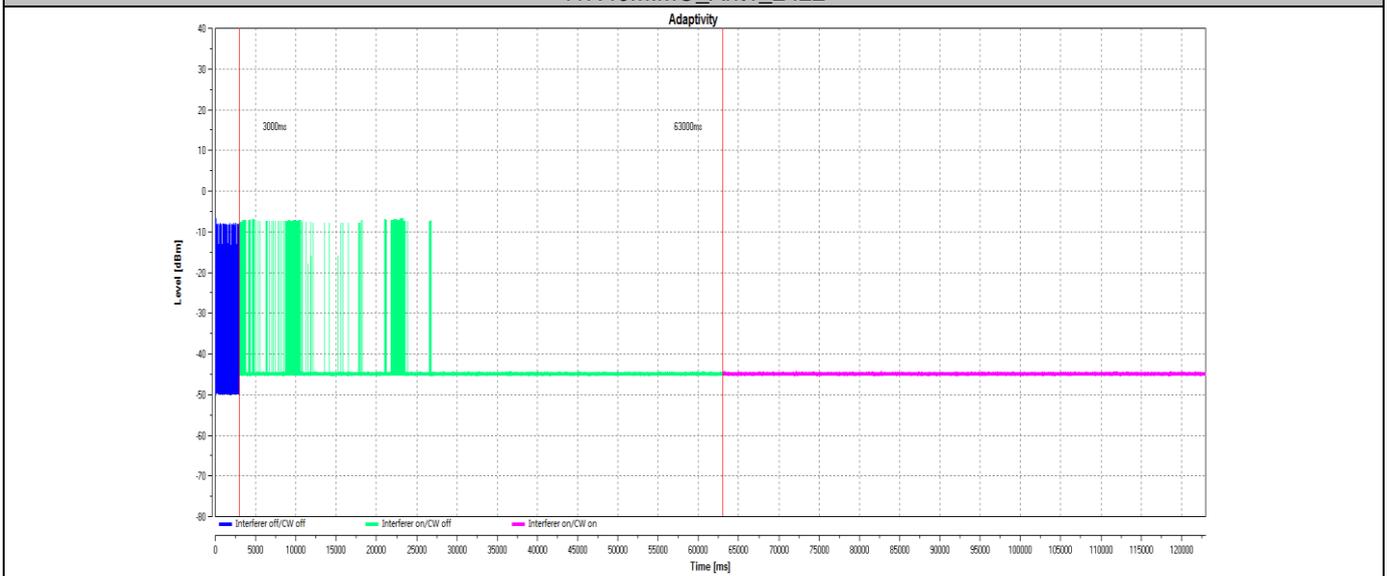


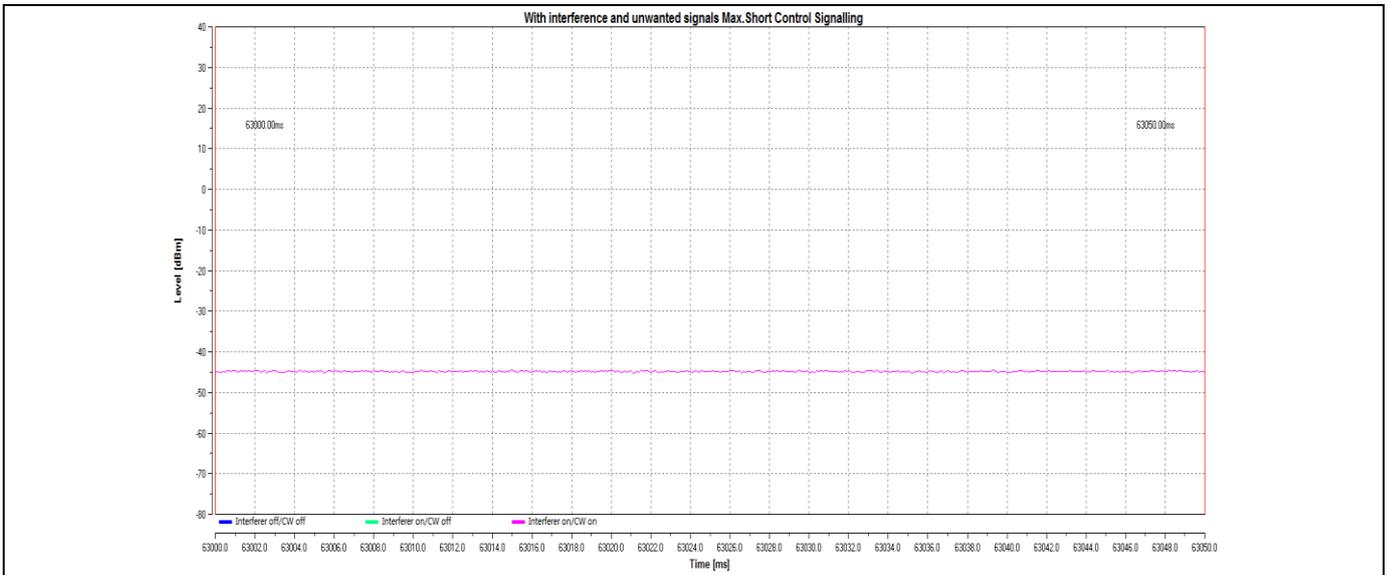
11N20MIMO_Ant1_2472



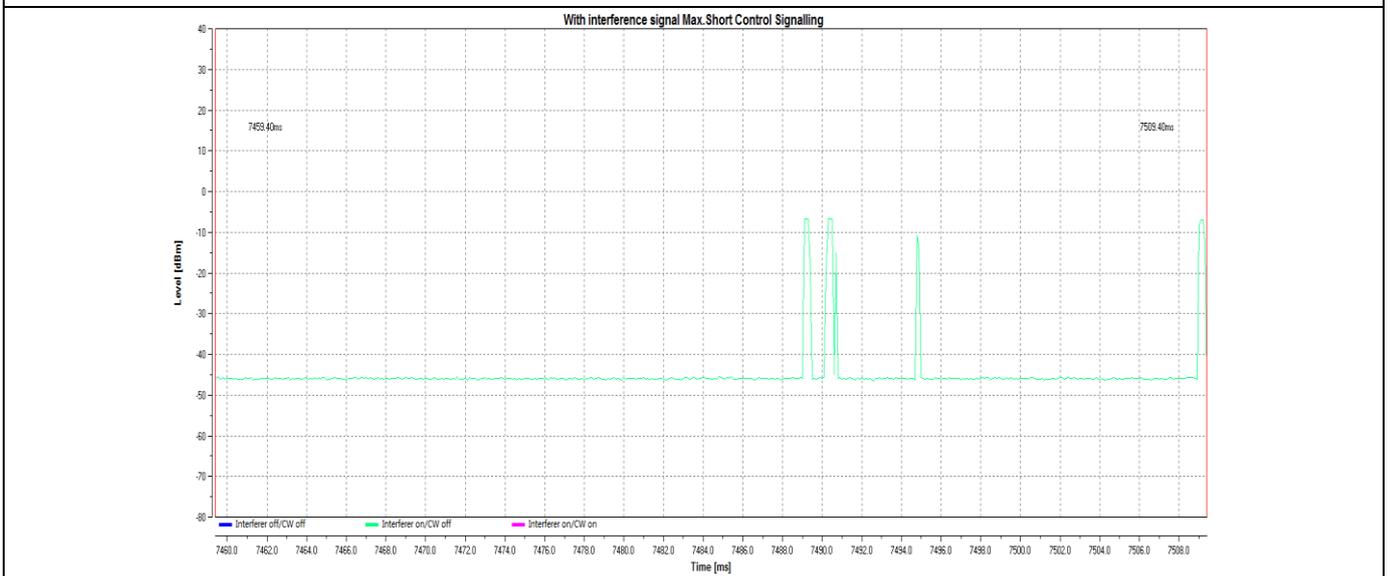
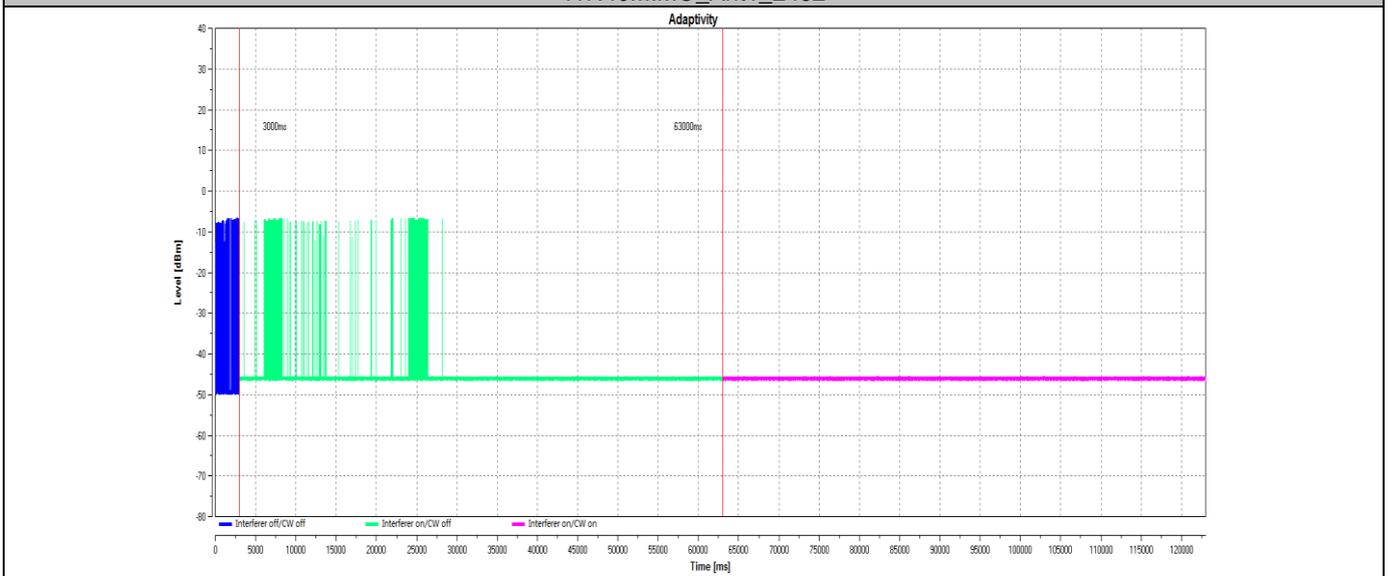


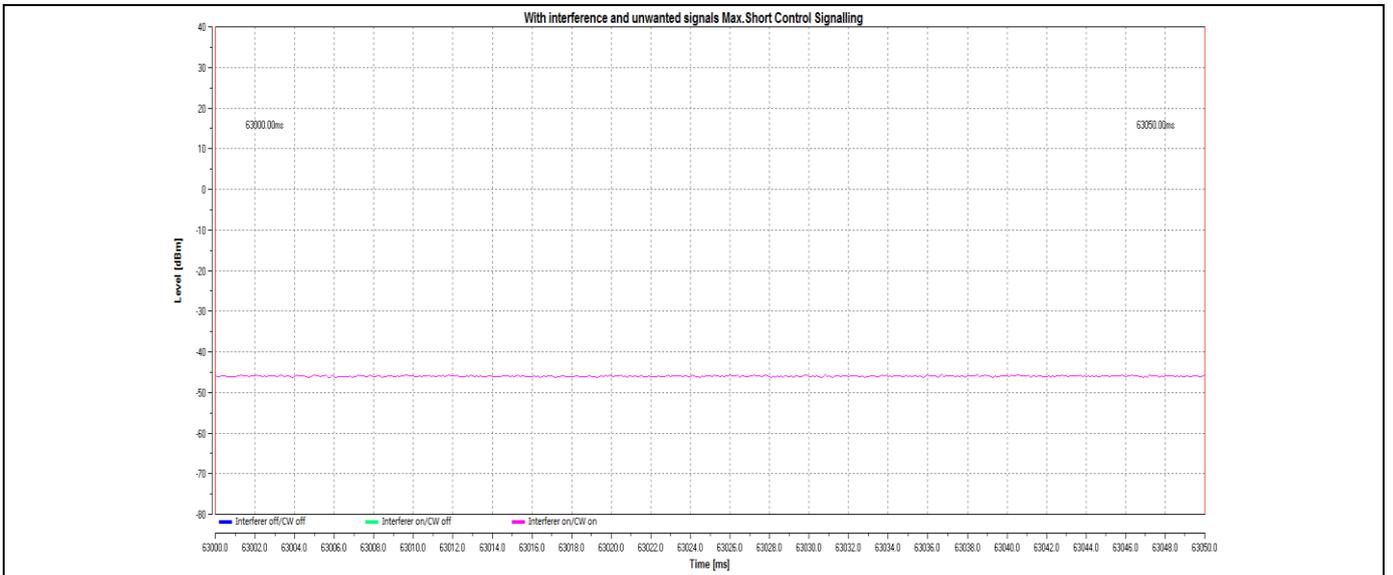
11N40MIMO_Ant1_2422



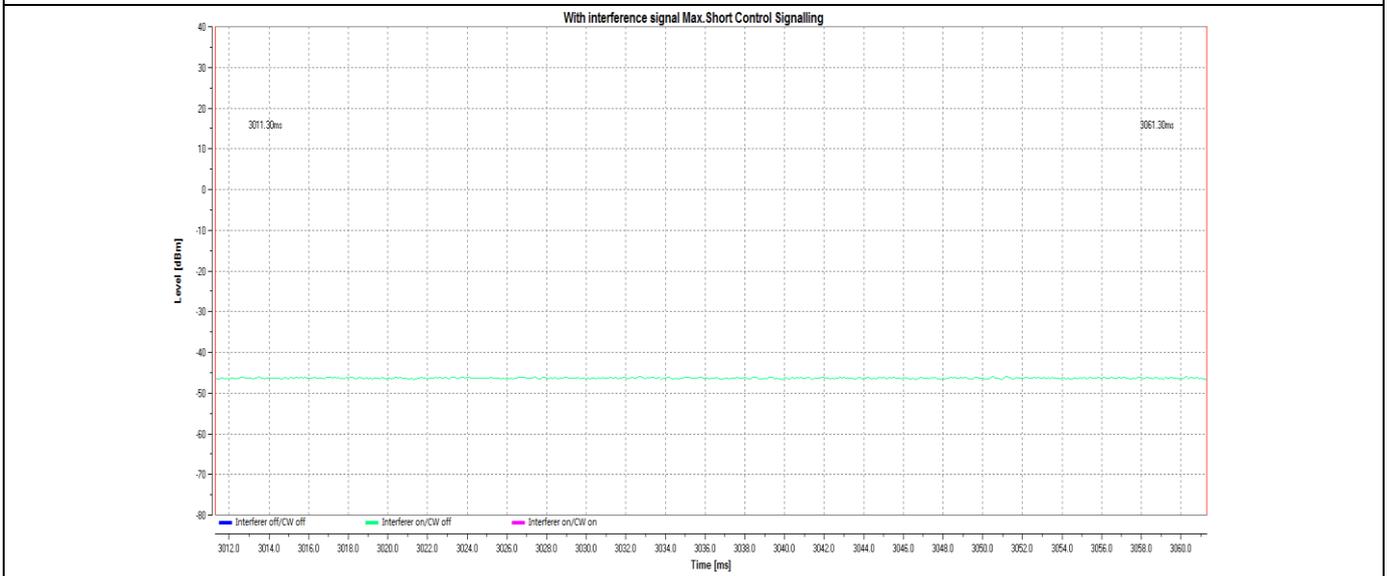
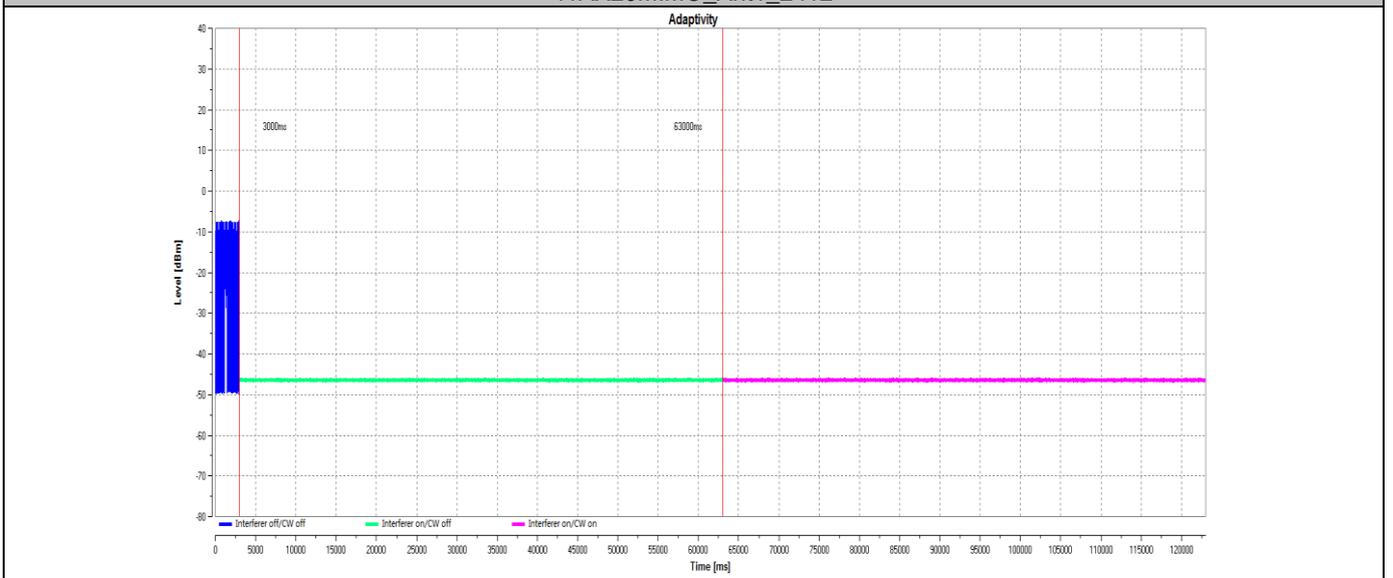


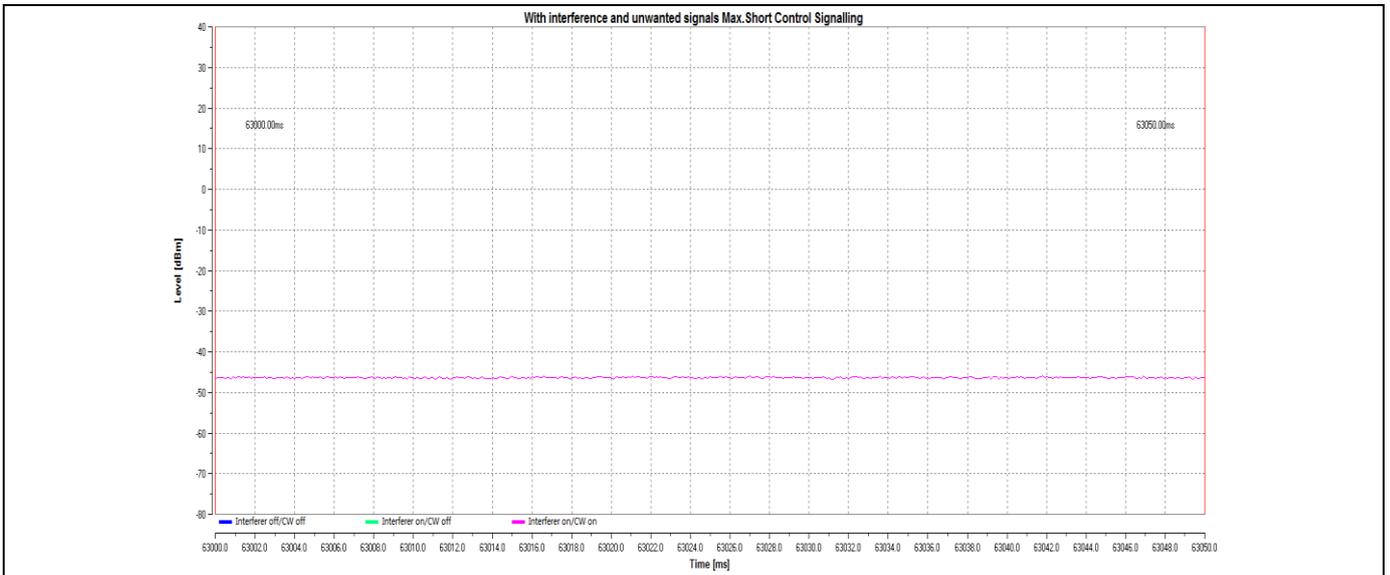
11N40MIMO_Ant1_2462



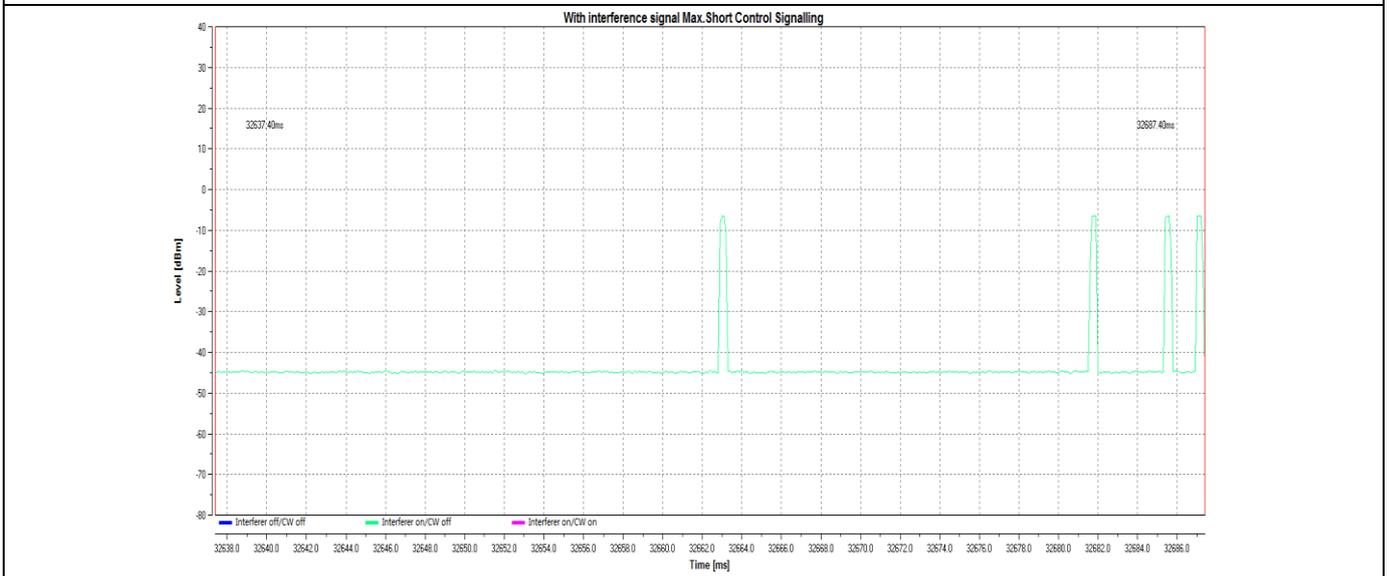
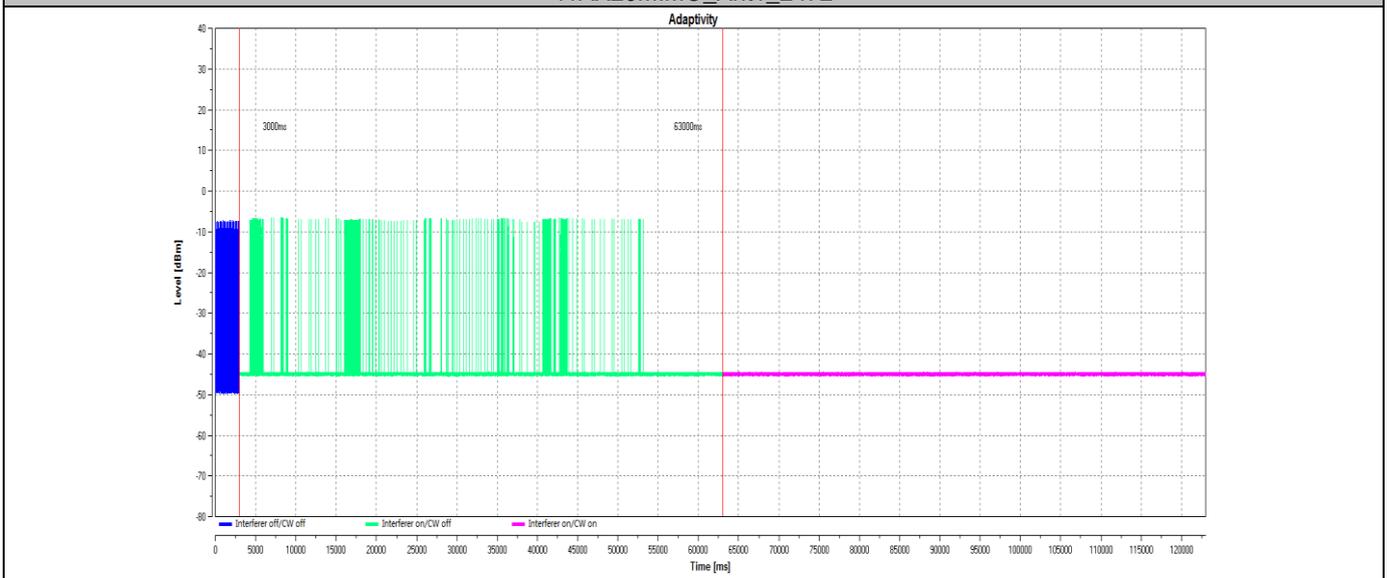


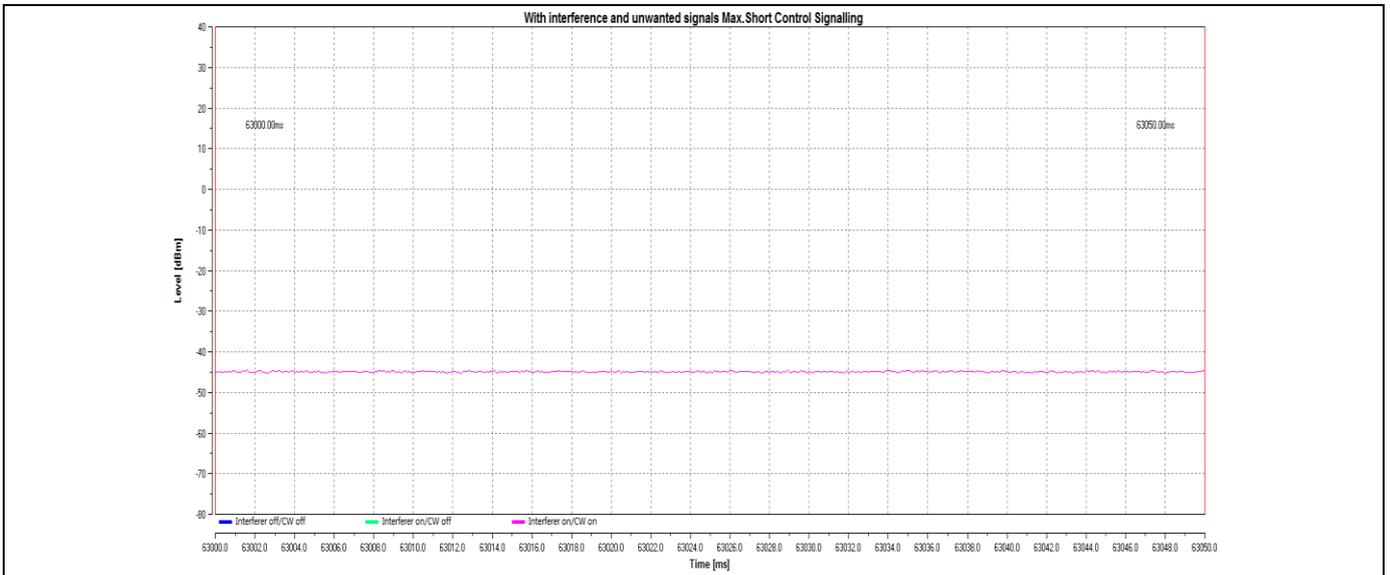
11AX20MIMO_Ant1_2412



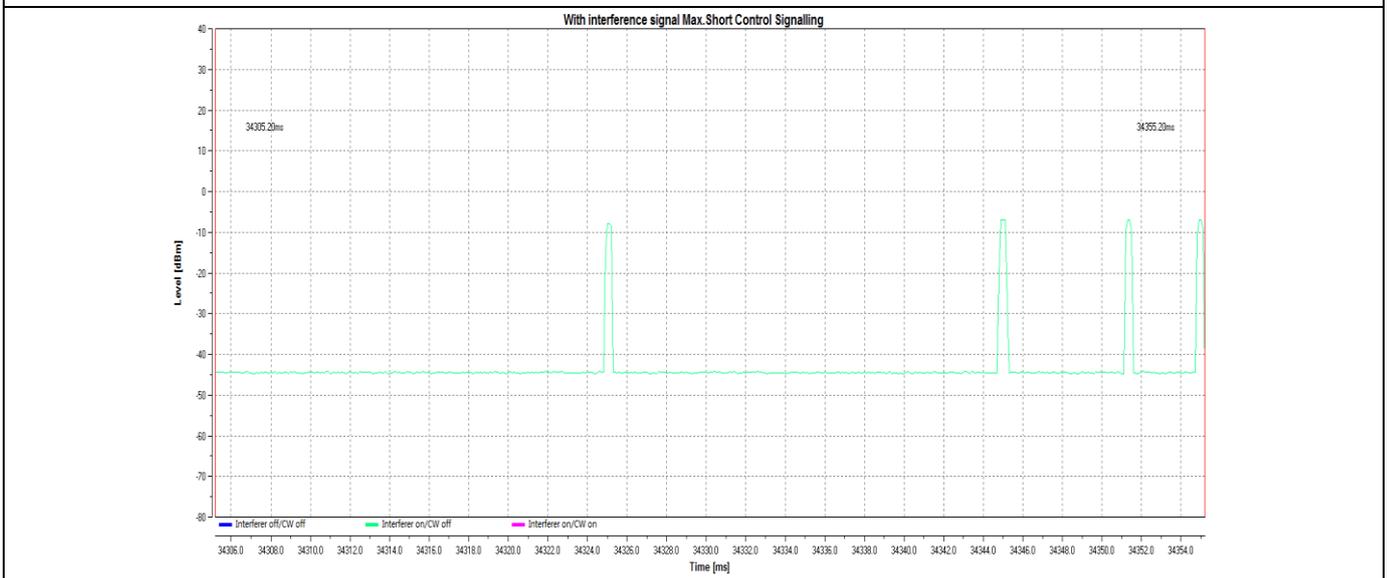
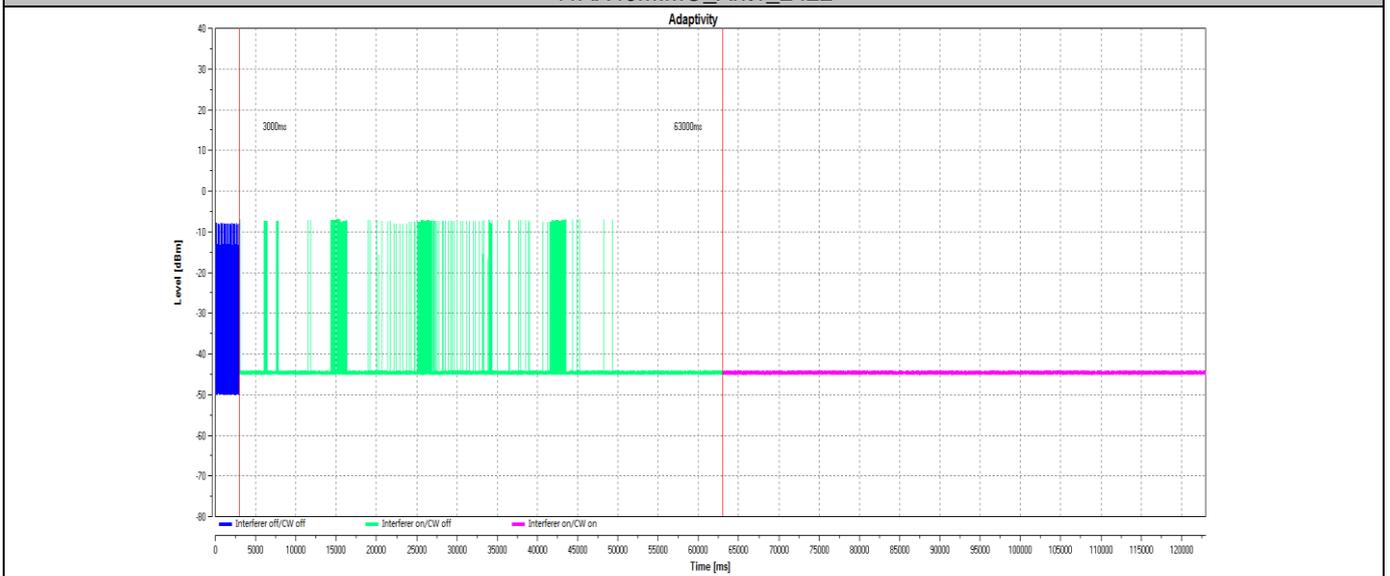


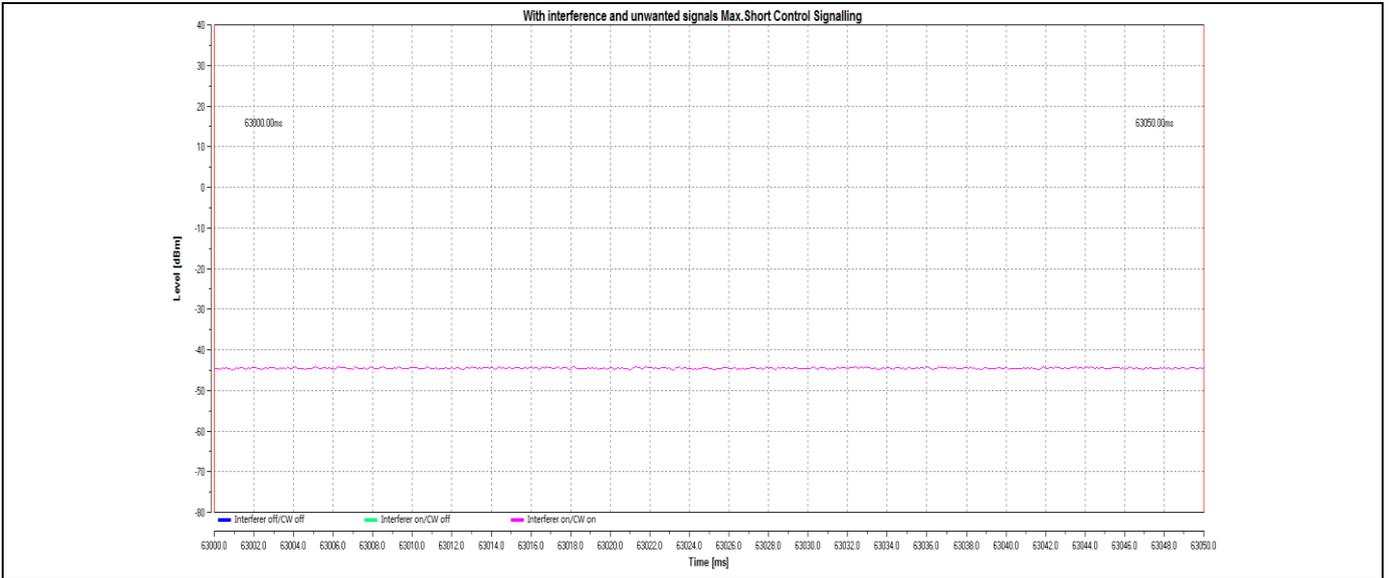
11AX20MIMO_Ant1_2472



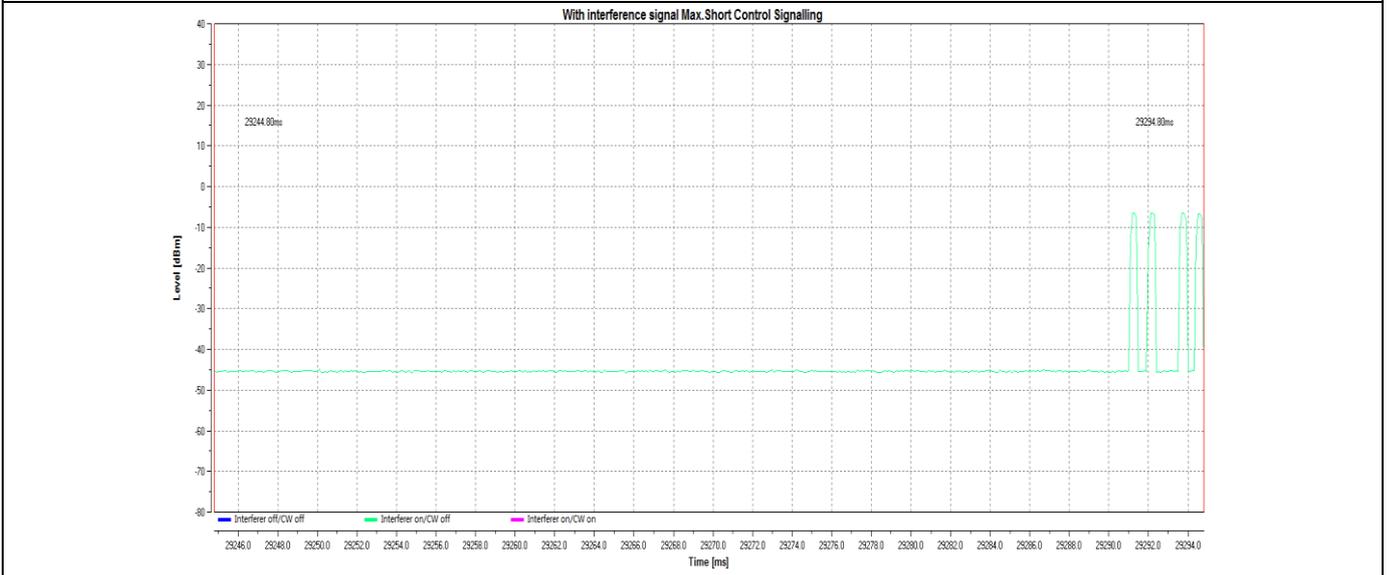
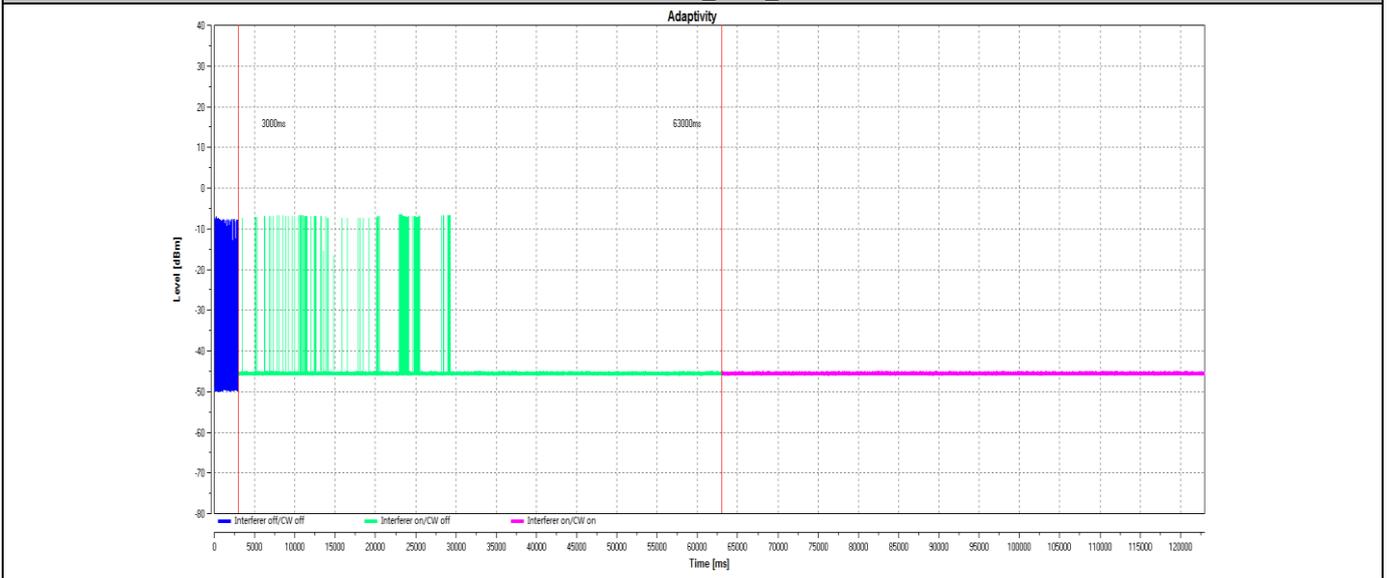


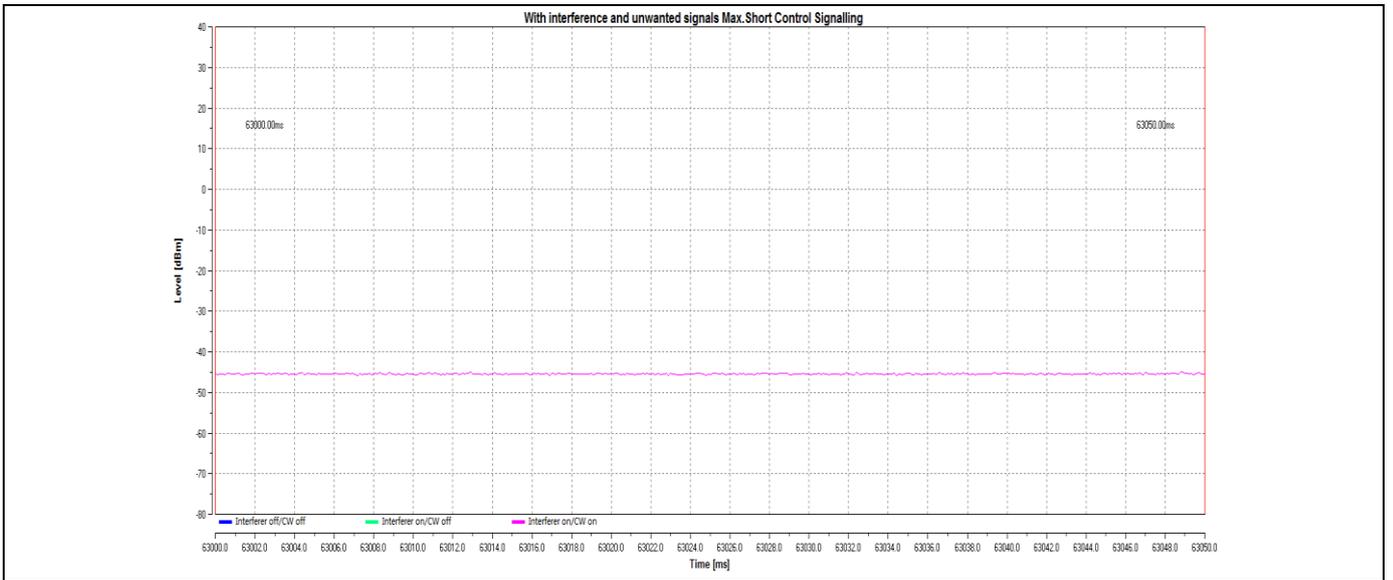
11AX40MIMO_Ant1_2422





11AX40MIMO_Ant1_2462





ANNEX B RADIATED MEASUREMENT TEST DATA

Appendix A: Transmitter unwanted emissions in the spurious domain

Table 18 Transmitter Spurious Emission Test Data

Test mode:1/2412MHz				
Frequency MHz	Readings dBm	Limits dBm	Polarization	note
4824.024	-33.4	-30	Horizontal	---
4824.024	-35.2	-30	Vertical	---

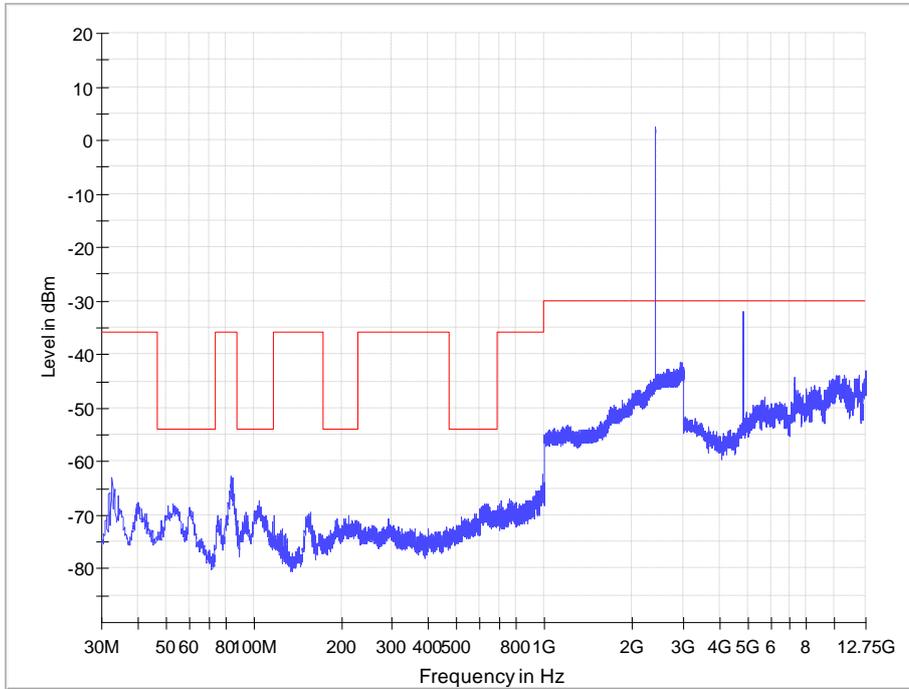
Notes:

The test was performed with 802.11b, 802.11g, 802.11n HT20, 802.11n HT40, 802.11ax HE20, 802.11ax HE40, 802.11be EHT20, 802.11be EHT40.

The data was shown the worst case 802.11b 1 Mbit/s.

Test Graphs

802.11b_2412_Horizontal



802.11b_2412_Vertical

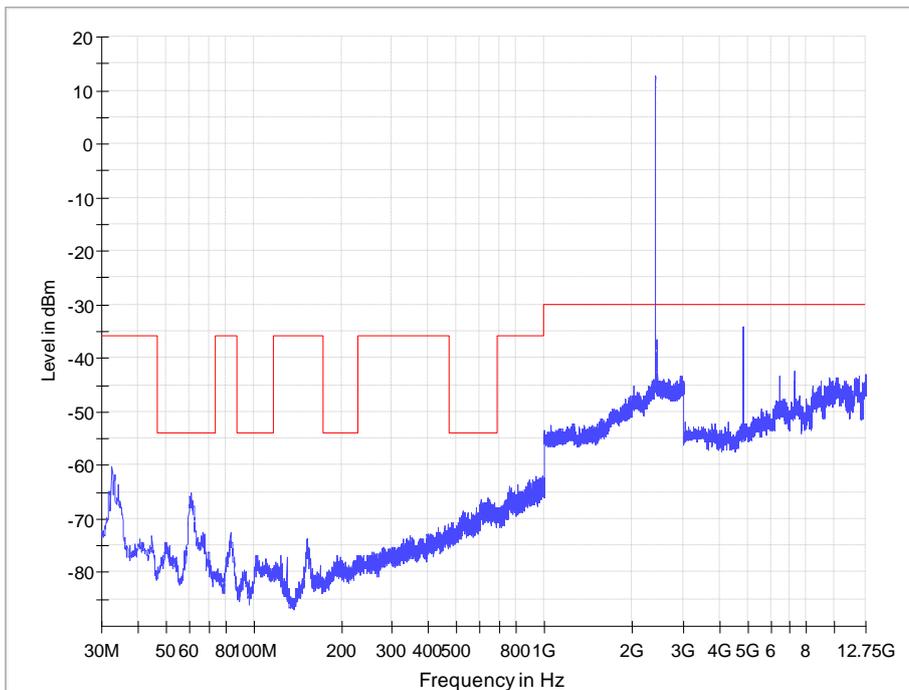


Table 19 Transmitter Spurious Emission Test Data

Test mode:1/2472MHz				
Frequency MHz	Readings dBm	Limits dBm	Polarization	note
4944.124	-33.1	-30	Horizontal	---
4944.106	-34.8	-30	Vertical	---

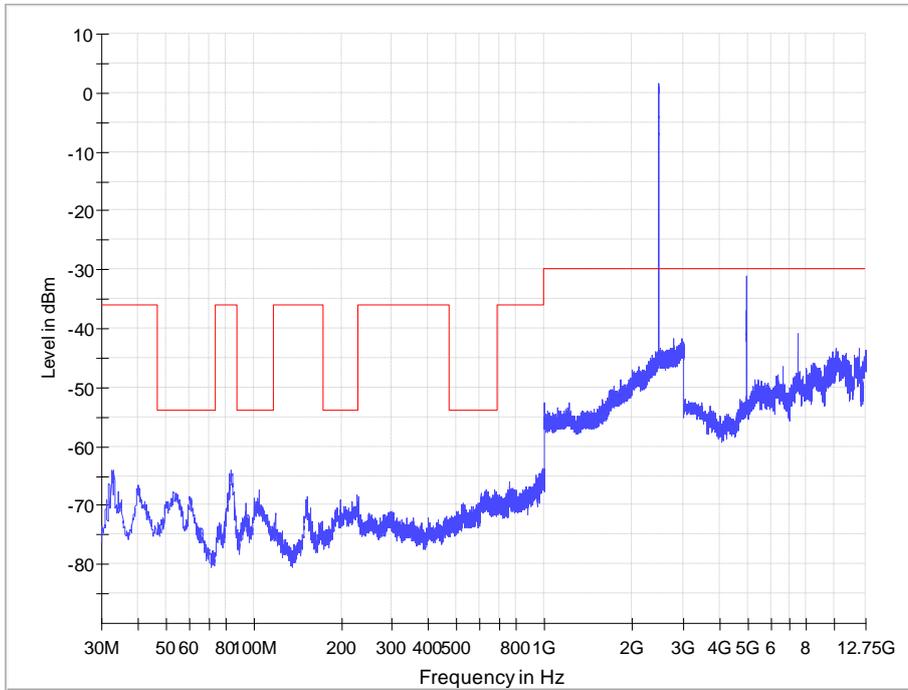
Notes:

The test was performed with 802.11b, 802.11g, 802.11n HT20, 802.11n HT40, 802.11ax HE20, 802.11ax HE40, 802.11be EHT20, 802.11be EHT40.

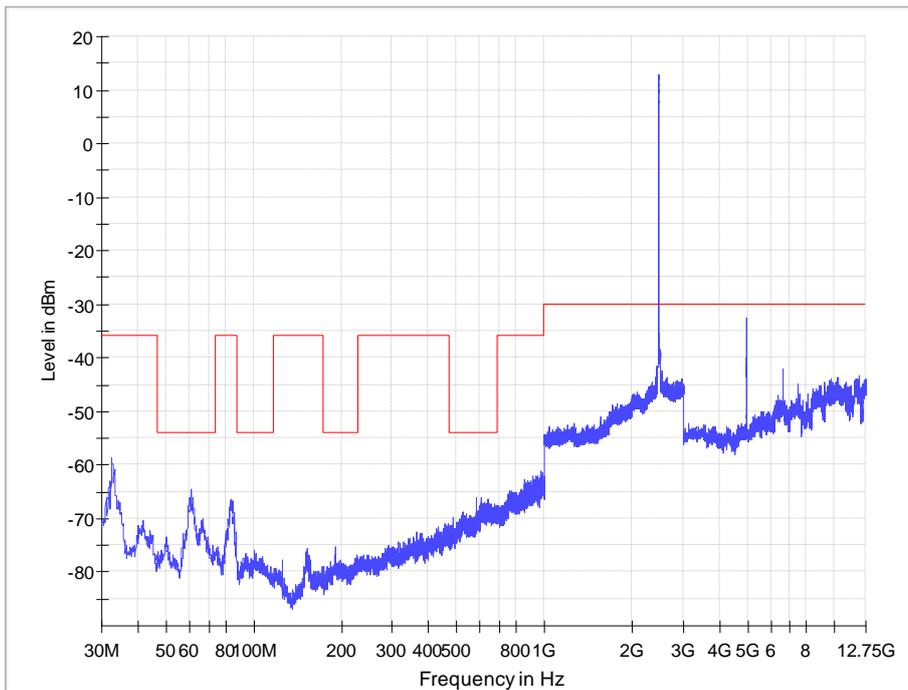
The data was shown the worst case 802.11b 1 Mbit/s.

Test Graphs

802.11b_2472_Horizontal



802.11b_2472_Vertical



Appendix B: Receiver spurious emissions

Table 20 Receiver Spurious Emission Test Data

Test mode: 9/2412MHz				
Frequency MHz	Readings dBm	Limits dBm	Polarization	note
---	---	---	---	---

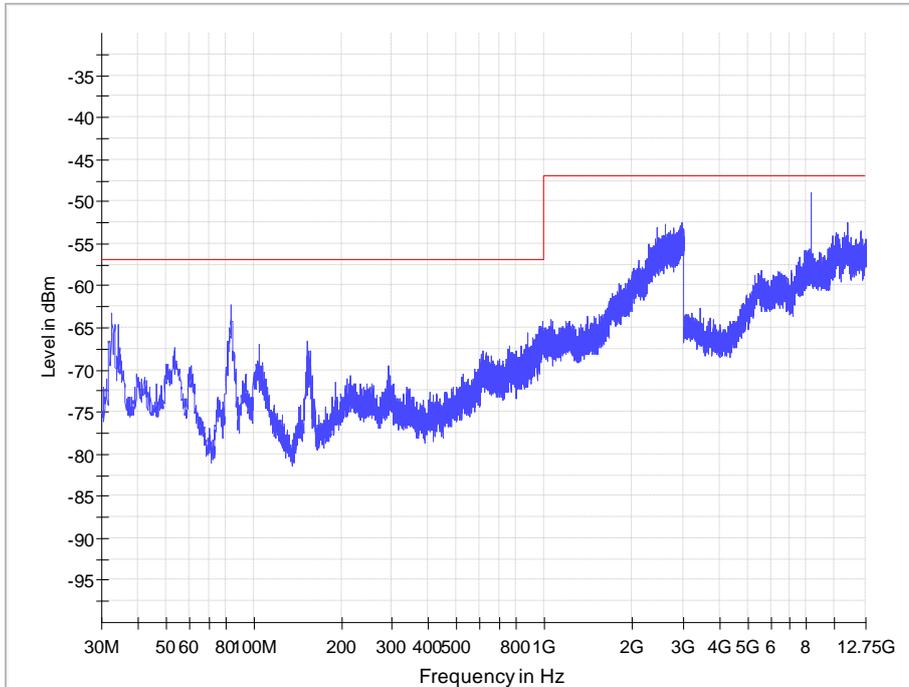
Notes:

The test was performed with 802.11b, 802.11g, 802.11n HT20, 802.11n HT40, 802.11ax HE20, 802.11ax HE40, 802.11be EHT20, 802.11be EHT40.

The data was shown the worst case 802.11b 1 Mbit/s.

Test Graphs

802.11b_2412_Horizontal



802.11b_2412_Vertical

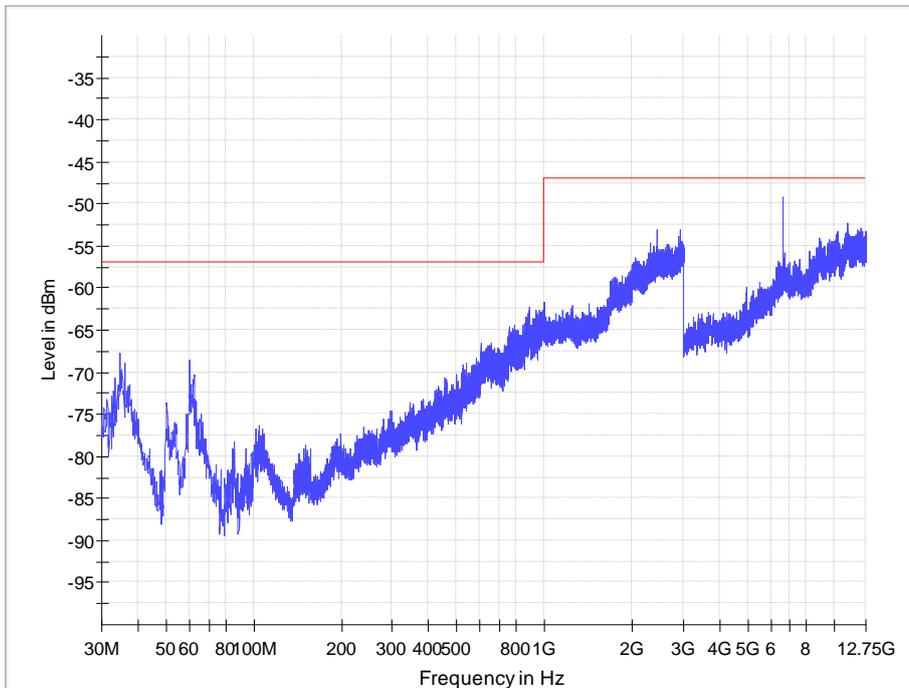


Table 21 Receiver Spurious Emission Test Data

Test mode: 9/2472MHz				
Frequency MHz	Readings dBm	Limits dBm	Polarization	note
---	---	---	Horizontal	---

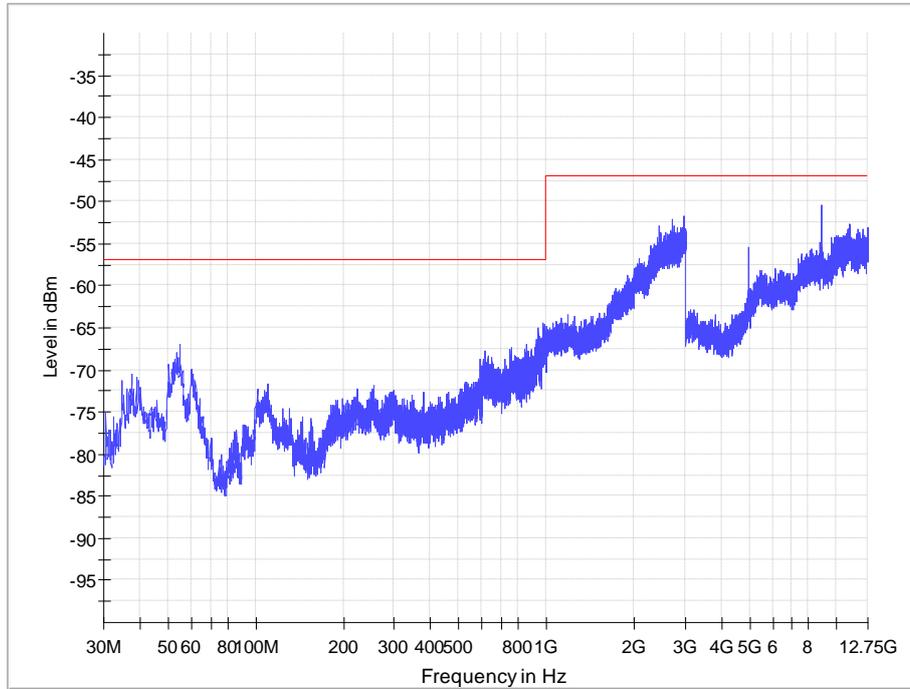
Notes:

The test was performed with 802.11b, 802.11g, 802.11n HT20, 802.11n HT40, 802.11ax HE20, 802.11ax HE40, 802.11be EHT20, 802.11be EHT40.

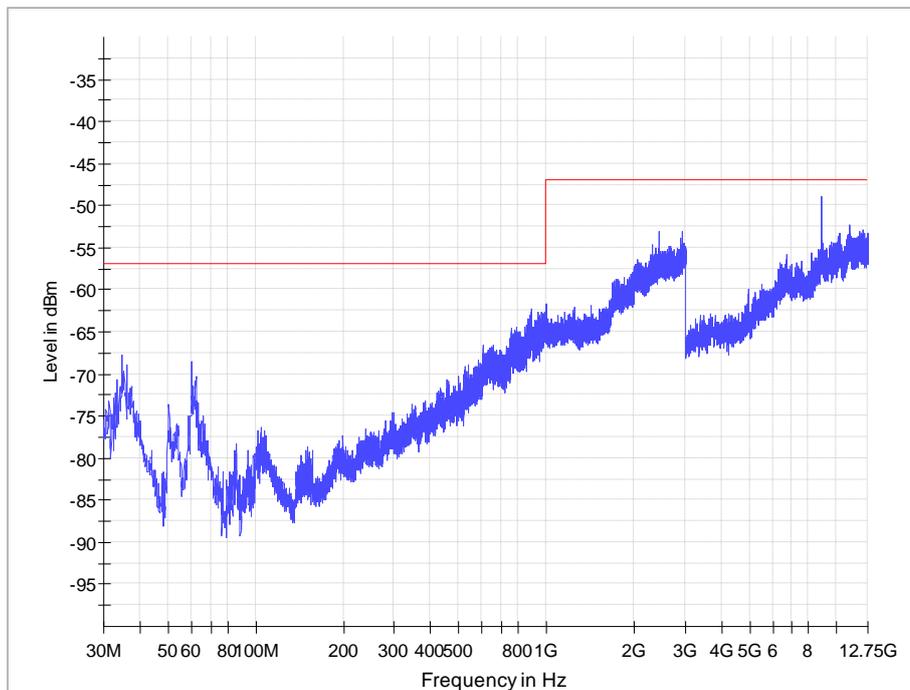
The data was shown the worst case 802.11b 1 Mbit/s.

Test Graphs

802.11b_2472_Horizontal



802.11b_2472_Vertical



ANNEX C TEST PHOTOS

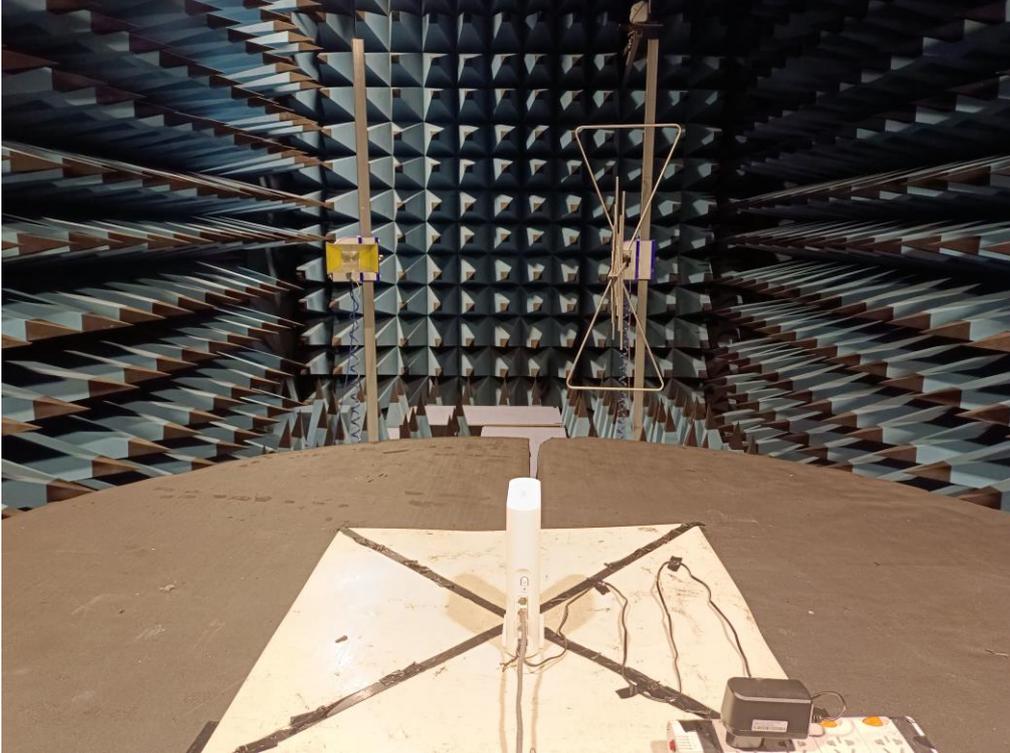
Setup for Radio Spectrum Testing, Normal condition



Setup for Radio Spectrum Testing, Extreme condition



Radiated spurious emissions Test



ANNEX D PHOTOGRAPHS OF THE EUT

Photo 1 Appearance of EUT(ZXHN H6701)



Photo 2 Appearance of EUT(ZXHN H6701)



Photo 3 Appearance of EUT(ZXHN H6701)

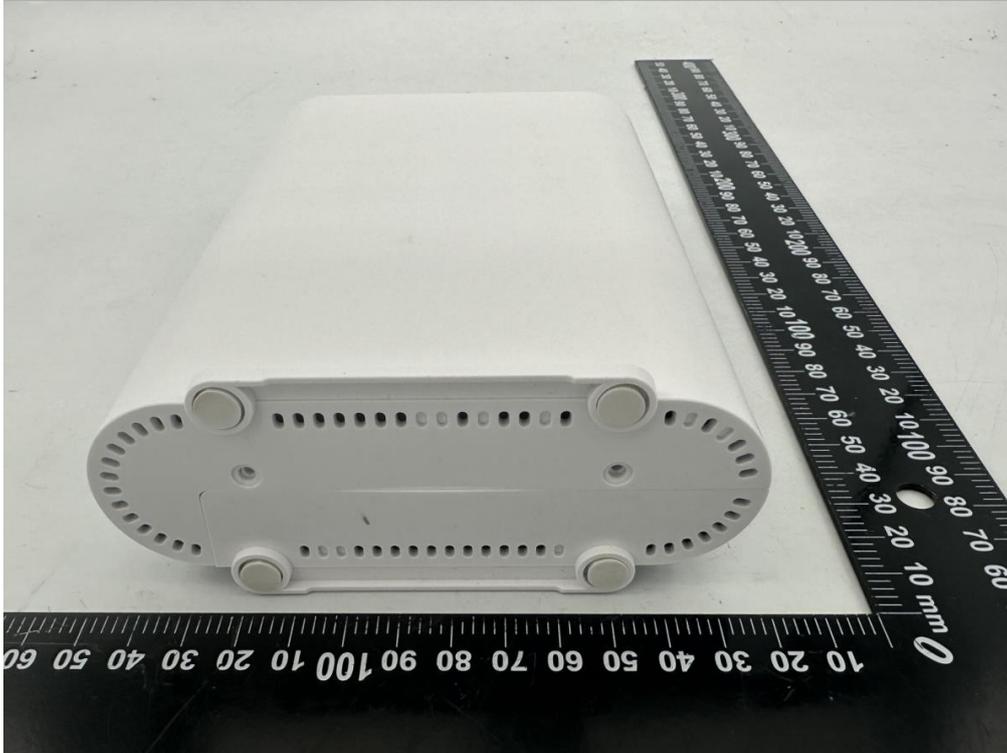


Photo 4 Appearance of EUT(ZXHN H6701)



Photo 5 Appearance of EUT(ZXHN H6701)



Photo 6 Appearance of EUT(ZXHN H6701)

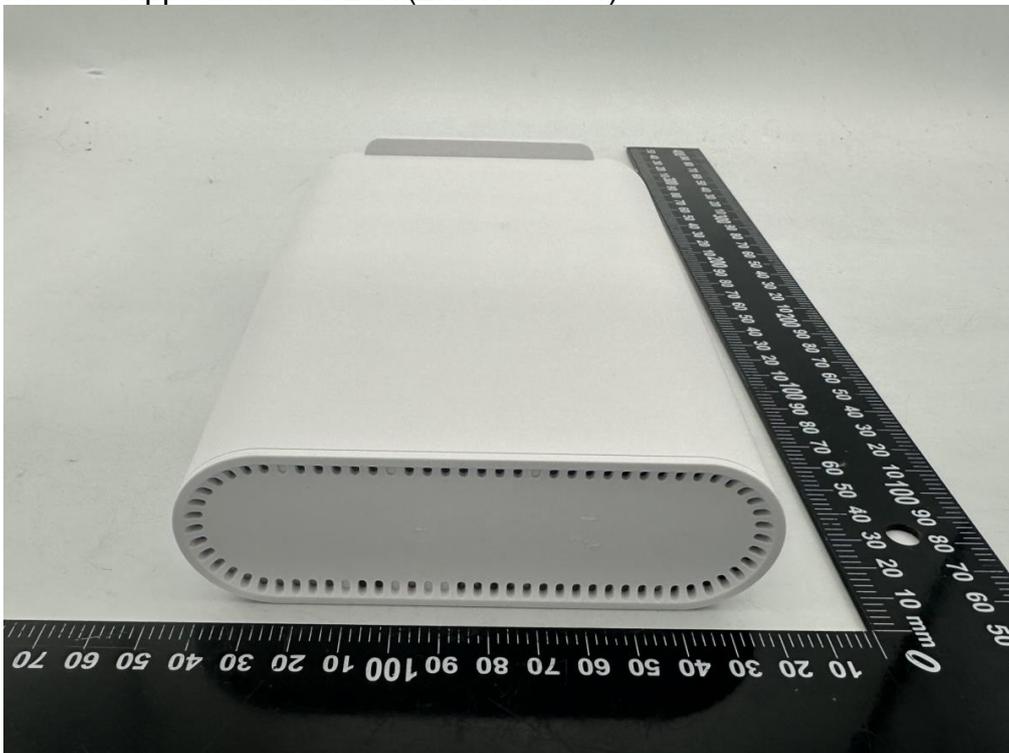


Photo 7 Inside of EUT(ZXHN H6701)

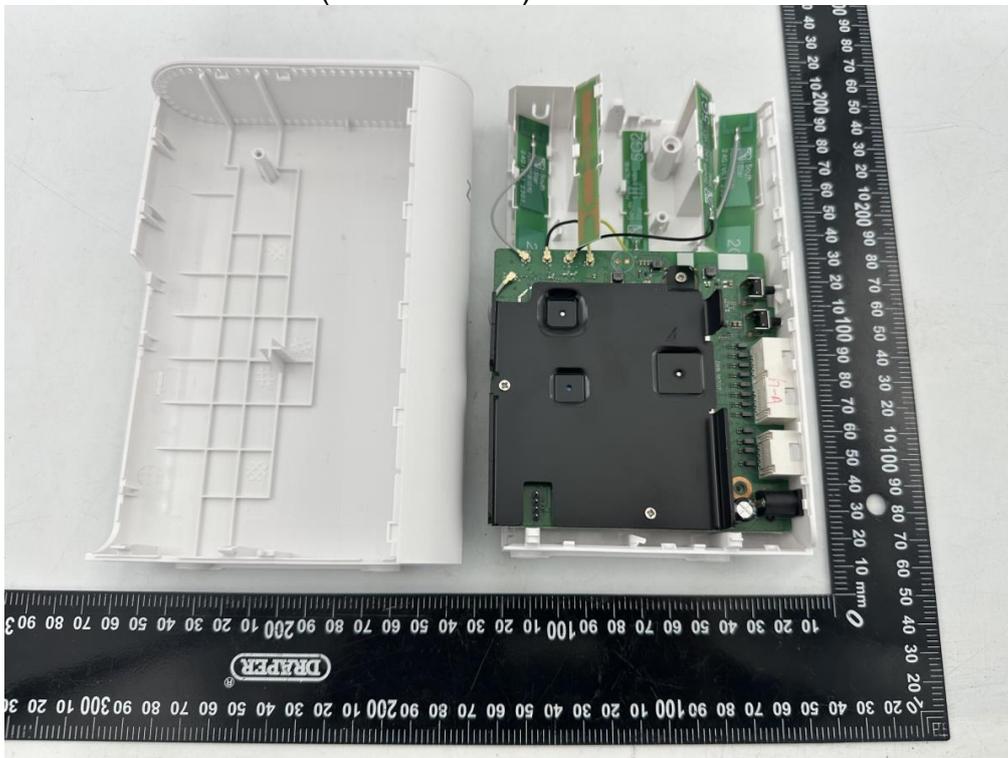


Photo 8 Inside of EUT(ZXHN H6701)

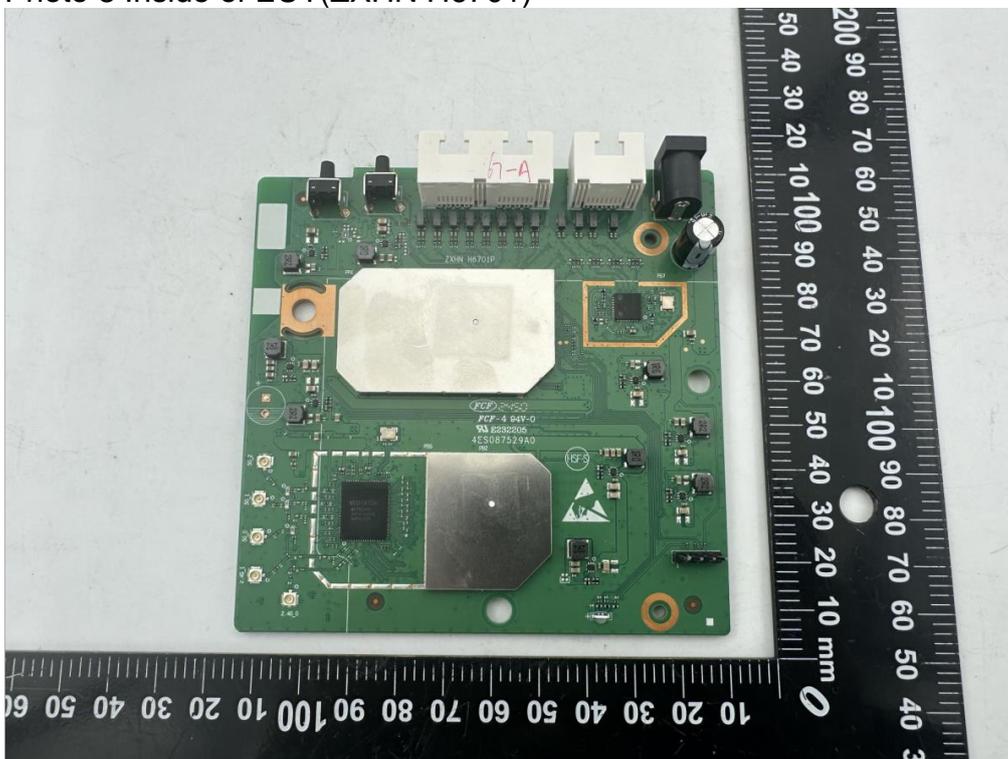


Photo 9 Inside of EUT(ZXHN H6701)

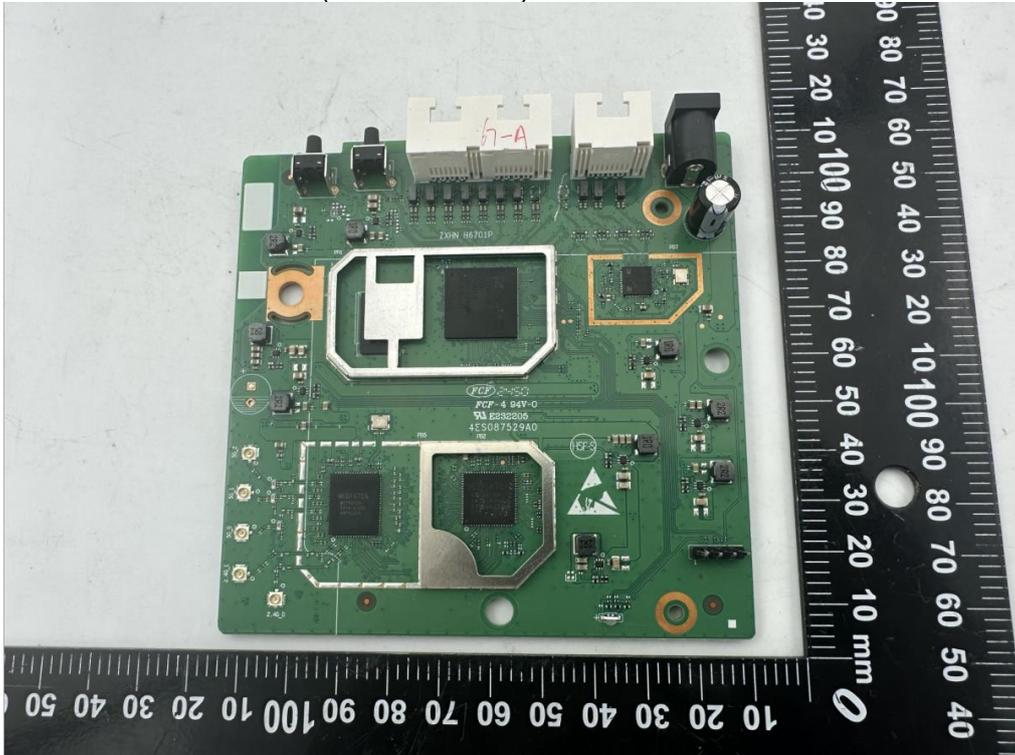


Photo 10 Inside of EUT

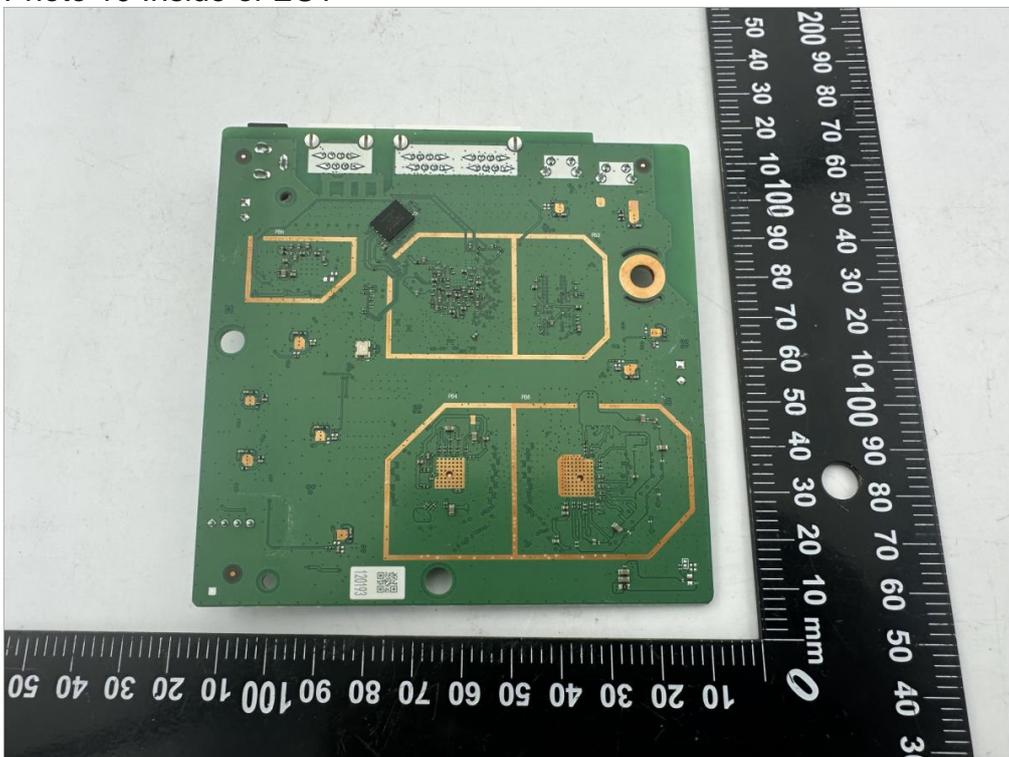


Photo 11 Appearance of EUT(ZXHN H3701)



Photo 12 Appearance of EUT(ZXHN H3701)



Photo 13 Appearance of EUT(ZXHN H3701)



Photo 14 Appearance of EUT(ZXHN H3701)



Photo 15 Appearance of EUT(ZXHN H3701)

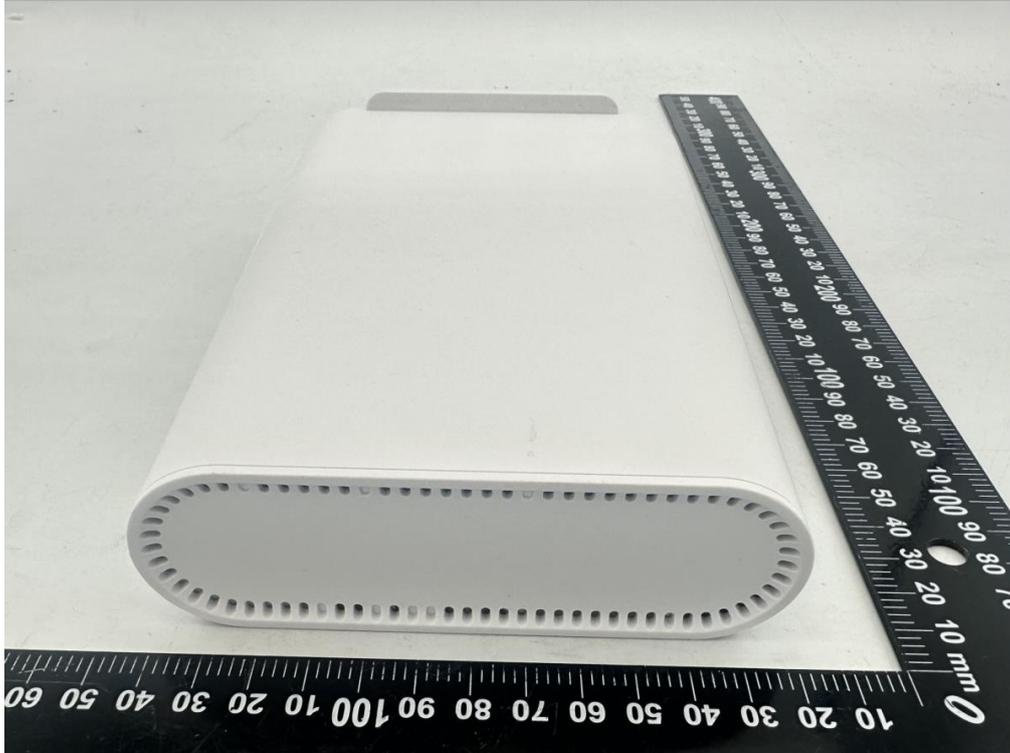


Photo 16 Appearance of EUT(ZXHN H3701)

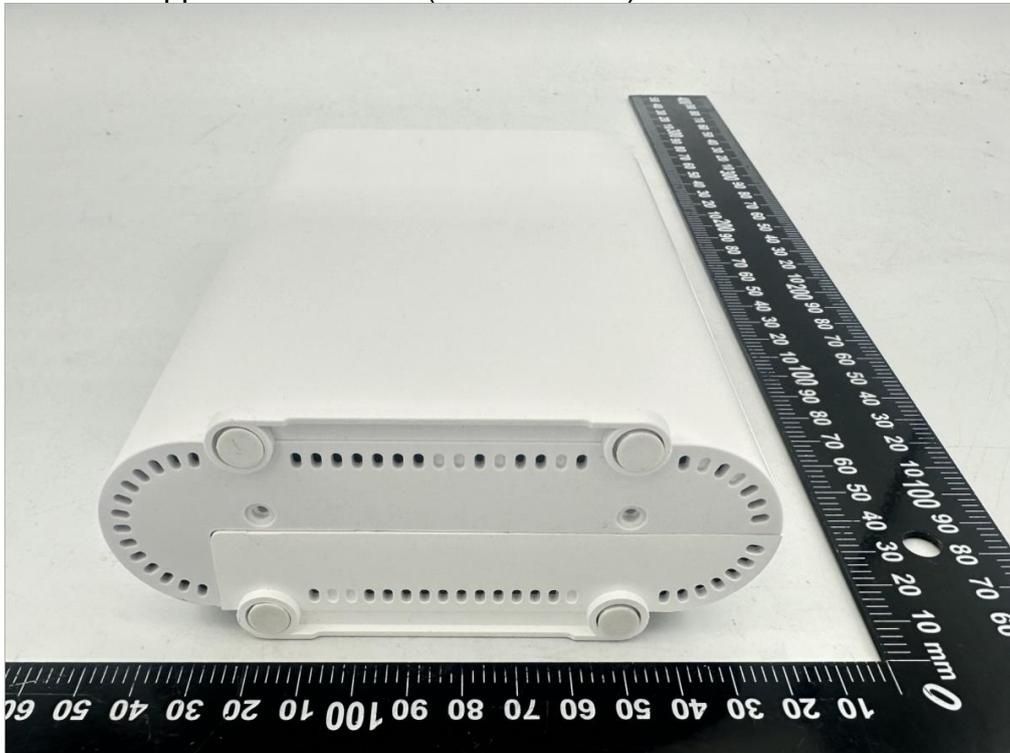


Photo 17 Inside of EUT(ZXHN H3701)

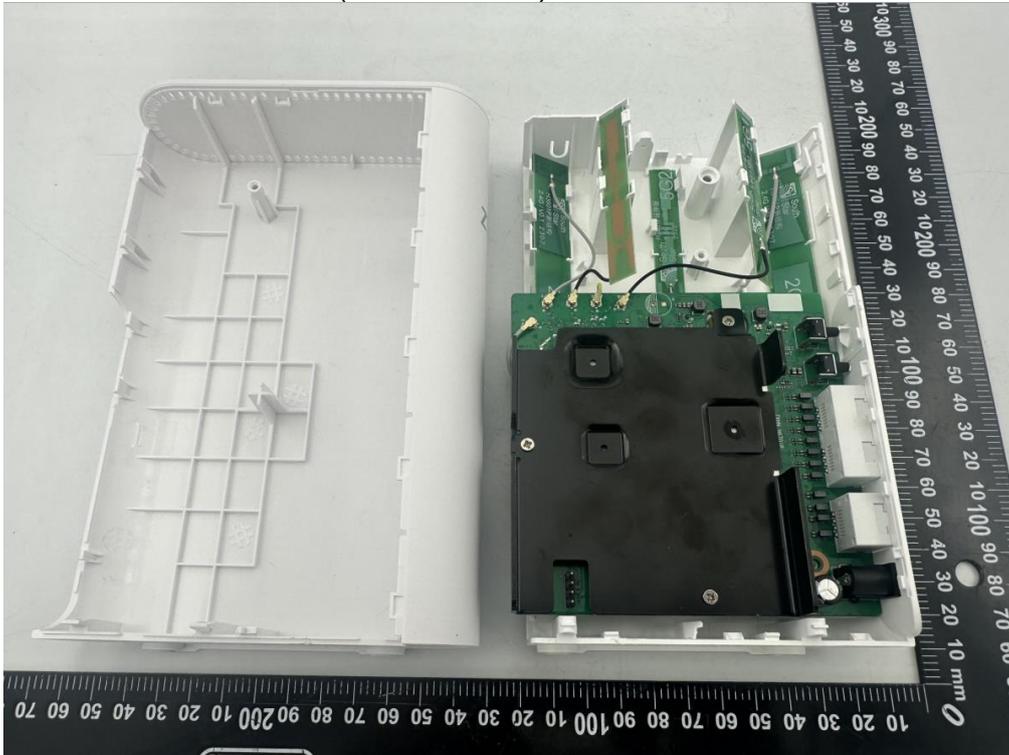


Photo 18 Inside of EUT(ZXHN H3701)

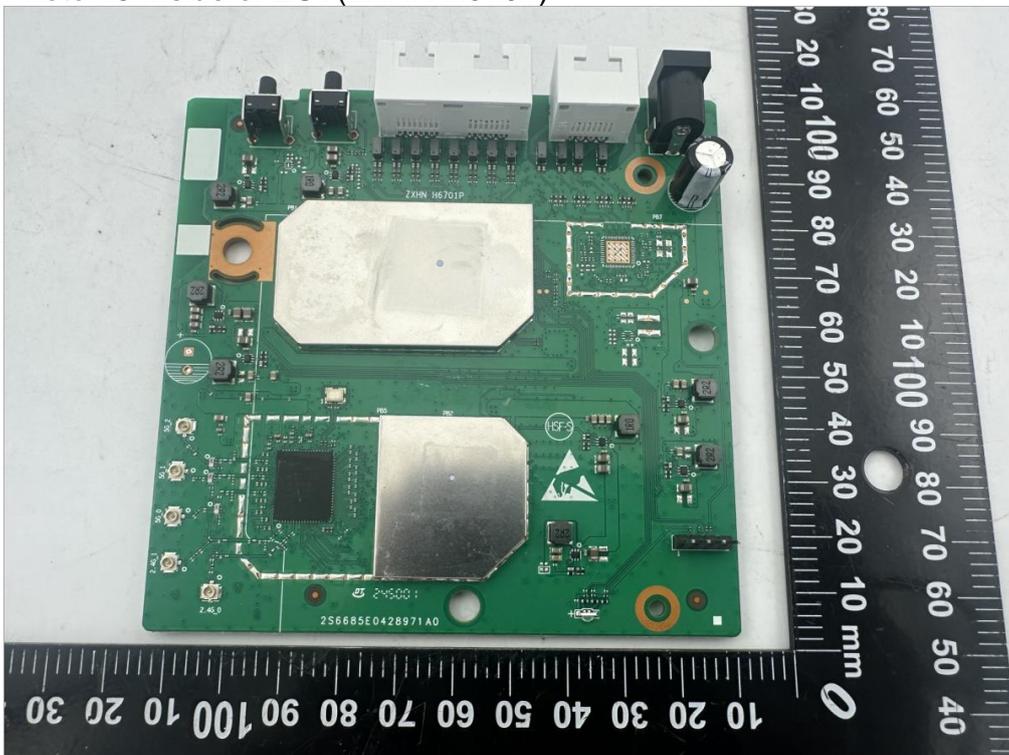


Photo 19 Inside of EUT(ZXHN H3701)

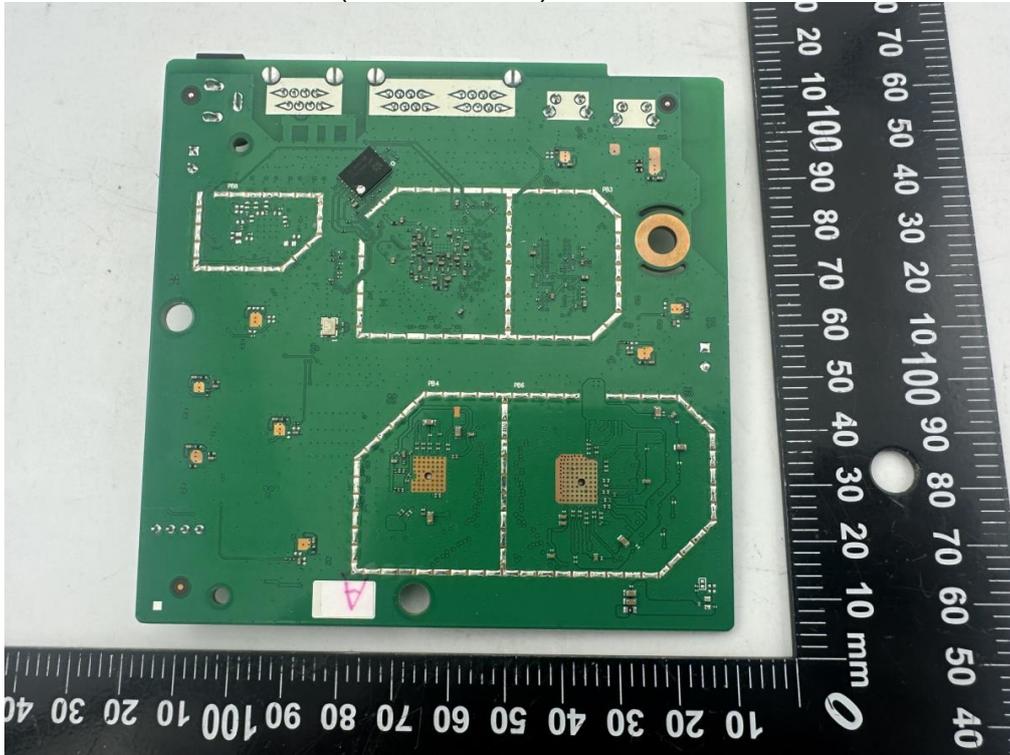
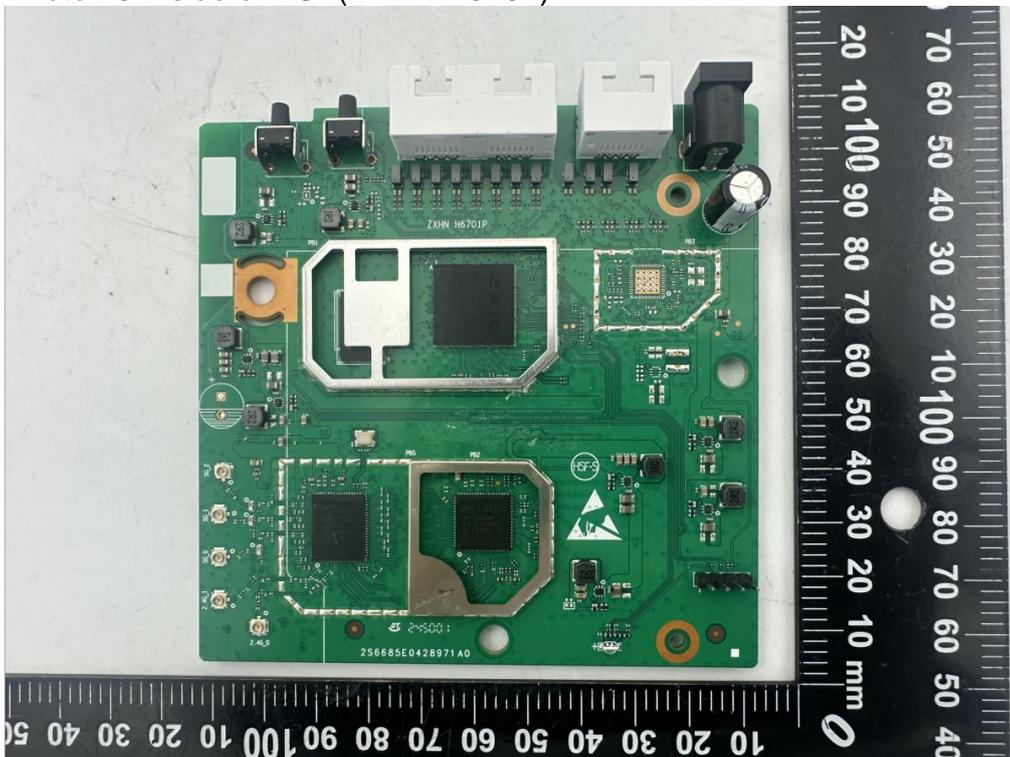


Photo 20 Inside of EUT(ZXHN H3701)



END OF REPORT