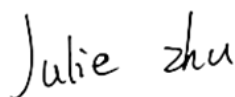


TEST REPORT

Applicant: NovaFly LLC
Address: 2108 N ST STEN, Sacramento, California 95816,
United States
Equipment Type: Communication Module
Model Name: WNBBZCA
Brand Name: Novaflyus
FCC ID: 2BVFT-BBZCA
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Apr. 01, 2026
Test Date: Apr. 04, 2026 - Apr. 20, 2026
Date of Issue: Apr. 23, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie Zhu**Checked by:** Ye Hong**Approved by:** Tolan Tu

(Testing Director)



Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Apr. 23, 2026</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☐ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☒ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ Building 2, Intelligent Connected Vehicle Industrial Park, No. 55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong Province, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	NovaFly LLC
Address	2108 N ST STEN, Sacramento, California 95816, United States

2.2 Manufacturer Information

Manufacturer	N/A
Address	N/A

2.3 General Description for Equipment under Test (EUT)

EUT Name	Communication Module
Model Name Under Test	WNBBZCA
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	V1.0
Software Version	V1.0
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac and 802.11ax
-----------------------------------	---

The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-3: 5725 MHz to 5850 MHz	
Product Type	☒ Mobile ☐ Portable ☐ Fix Location	
Modulation Technology	OFDM, OFDMA	
Modulation Type	1024QAM, 256QAM, 64QAM, 16QAM, BPSK, QPSK	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz 802.11ax: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-3: 188.03 mW	
Antenna System (eg., MIMO, Smart Antenna)	Cyclic Delay Diversity (CDD) for 802.11a Multi Input Multi Output (MIMO) for 802.11n/ac/ax	
Categorization as Correlated or Completely Uncorrelated	Categorization as Correlated for 802.11a Categorization as Uncorrelated for 802.11n/ac/ax	
Antenna Type	SISO-ANT0 SISO-ANT1	Dipole Antenna
Antenna Gain	SISO-ANT0 SISO-ANT1	
Total directional gain	For power spectral density(PSD) measurements	Correlated: U-NII-3: 5725 MHz to 5850 MHz: 6.17 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-3: 5725 MHz to 5850 MHz: 3.16 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / NANT]$ dBi
		Correlated: U-NII-3: 5725 MHz to 5850 MHz: 6.17 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-3: 5725 MHz to 5850 MHz: 3.16 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / NANT]$ dBi
	For power measurements	Correlated: U-NII-3: 5725 MHz to 5850 MHz: 6.17 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-3: 5725 MHz to 5850 MHz: 3.16 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / NANT]$ dBi
		Correlated: U-NII-3: 5725 MHz to 5850 MHz: 6.17 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-3: 5725 MHz to 5850 MHz: 3.16 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / NANT]$ dBi
About the Product	The equipment is Communication Module, intended for used with information technology equipment.	

Mode	Antenna		
	SISO-ANT0	SISO-ANT1	MIMO
802.11a	√	√	√
802.11n20	√	√	√
802.11n40	√	√	√
802.11ac20	√	√	√
802.11ac40	√	√	√
802.11ac80	√	√	√
802.11ax20	√	√	√
802.11ax40	√	√	√
802.11ax80	√	√	√
Note: All the configurations were tested, but only the worst data was shown in this report.			

802.11ax RU configuration table							
Mode	Full RU (SU)	RU_26	RU_52	RU_106	RU_242	RU_484	RU_996
802.11ax20	√	--	--	--	--	--	--
802.11ax40	√	--	--	--	--	--	--
802.11ax80	√	--	--	--	--	--	--

Note: The above EUT information in section 2.4 was declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications or user's manual.

2.5 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

The Lowest frequency, the middle frequency and the highest frequency of channel were selected to perform the test, and the selected channel see below:

For 802.11a/n(HT20)/ac(VHT20)/ax(HE20)

U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)
149	Low	5745
157	Mid	5785
165	High	5825

For 802.11n(HT40)/ac(VHT40)/ax(HE40)

U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)
151	Low	5755
159	High	5795

For 802.11ac(VHT80)/ax(HE80)

U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)
155	Mid	5775

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode	Data Rate	Modulation Type	U-NII-3
				Channel
RF Output Power	11a	6	BPSK	165/157/149
	11n(20 MHz)	6.5		165/157/149
	11n(40 MHz)	13.5		159/151
	11ac(20 MHz)	6.5		165/157/149
	11ac(40 MHz)	13.5		159/151
	11ac(80 MHz)	29.3		155
	11ax(20 MHz)	8.6		165/157/149
	11ax(40 MHz)	17.2		159/151
	11ax(80 MHz)	36.0		155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	165/157/149
	11n(20 MHz)	6.5		165/157/149
	11n(40 MHz)	13.5		159/151
	11ac(20 MHz)	6.5		165/157/149
	11ac(40 MHz)	13.5		159/151
	11ac(80 MHz)	29.3		155
	11ax(20 MHz)	8.6		165/157/149
	11ax(40 MHz)	17.2		159/151
	11ax(80 MHz)	36.0		155
6 dB bandwidth	11a	6	BPSK	165/157/149
	11n(20 MHz)	6.5		165/157/149
	11n(40 MHz)	13.5		159/151
	11ac(20 MHz)	6.5		165/157/149
	11ac(40 MHz)	13.5		159/151
	11ac(80 MHz)	29.3		155
	11ax(20 MHz)	8.6		165/157/149
	11ax(40 MHz)	17.2		159/151
	11ax(80 MHz)	36.0		155
Power Spectral Density	11a	6	BPSK	165/157/149
	11n(20 MHz)	6.5		165/157/149
	11n(40 MHz)	13.5		159/151
	11ac(20 MHz)	6.5		165/157/149
	11ac(40 MHz)	13.5		159/151
	11ac(80 MHz)	29.3		155
	11ax(20 MHz)	8.6		165/157/149
	11ax(40 MHz)	17.2		159/151
	11ax(80 MHz)	36.0		155

Radiated Spurious Emissions	11a	6	BPSK	165/157/149
	11n(20 MHz)	6.5		165/157/149
	11n(40 MHz)	13.5		159/151
	11ac(20 MHz)	6.5		165/157/149
	11ac(40 MHz)	13.5		159/151
	11ac(80 MHz)	29.3		155
	11ax(20 MHz)	8.6		165/157/149
	11ax(40 MHz)	17.2		159/151
	11ax(80 MHz)	36.0		155
Band Edge (Restricted-band)	11a	6	BPSK	165/149
	11n(20 MHz)	6.5		165/149
	11n(40 MHz)	13.5		159/151
	11ac(20 MHz)	6.5		165/149
	11ac(40 MHz)	13.5		159/151
	11ac(80 MHz)	29.3		155
	11ax(20 MHz)	8.6		165/149
	11ax(40 MHz)	17.2		159/151
	11ax(80 MHz)	36.0		155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
4	ANSI C63.10-2020	American National Standard for Procedures for Compliance Testing of Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass ^{Note}
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass

Note ¹: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note ²: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	51% to 65%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.3℃ to +24.9℃
Working Voltage of the EUT	NV (Normal Voltage)	5 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420186	2025.05.21	2026.05.20
Power meter	R&S	NRP8S	101498	2025.07.07	2026.07.06
Spectrum Analyzer	KEYSIGHT	N9020A	MY56060127	2025.12.25	2026.12.24
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Test Antenna-Bi-Log	Schwarzbeck	VULB 9163	01414	2023.11.03	2026.11.02
Test Antenna-Horn	Schwarzbeck	BBHA 9120D	02459	2023.10.26	2026.10.25
Test Antenna-Loop	Schwarzbeck	FMZB 1513-60	00015	2024.05.07	2026.05.06
Anechoic Chamber	YIHENG	C8-966	107	2024.05.12	2027.05.11
EMI Receiver	Keysight	N9038A	MY55330121	2026.12.26	2026.12.25
Filtering unit	balun	SU319F	LW-SZ19D0001F01	N/A	N/A
Switching unit	BALUN	SU319	LW-SZ19D0001S01	N/A	N/A
EMI Receiver	keysight	N9038B	MY61380132	2026.12.26	2026.12.25
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK8127	01009	2025.07.15	2026.07.14
Shielded Enclosure	YiHeng Electronic Co., Ltd	4.3m*2.9m*2.4 m	235	2024.11.05	2027.11.04

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BL410E	BALUN	V22.930	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

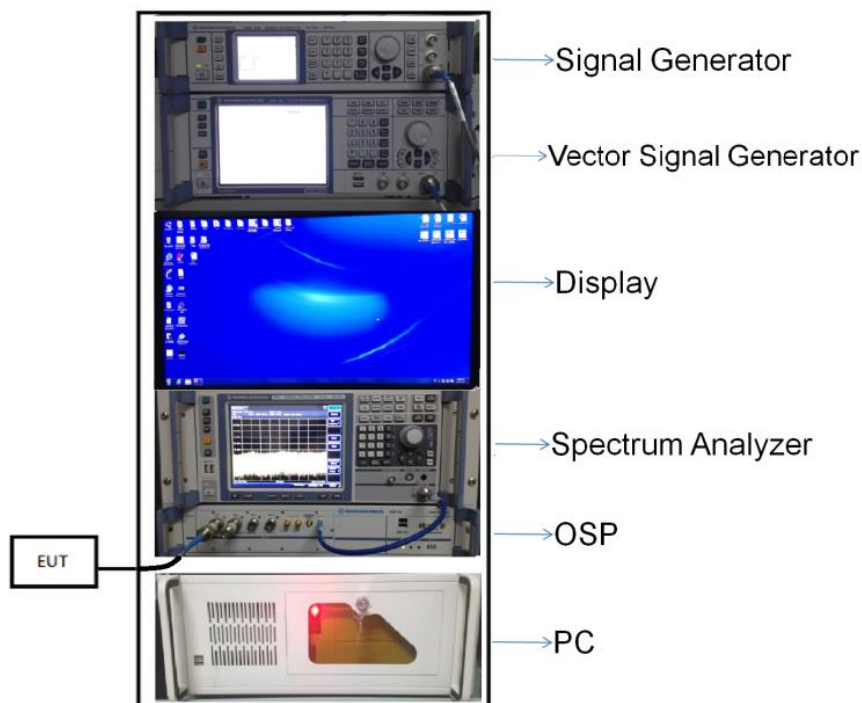
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

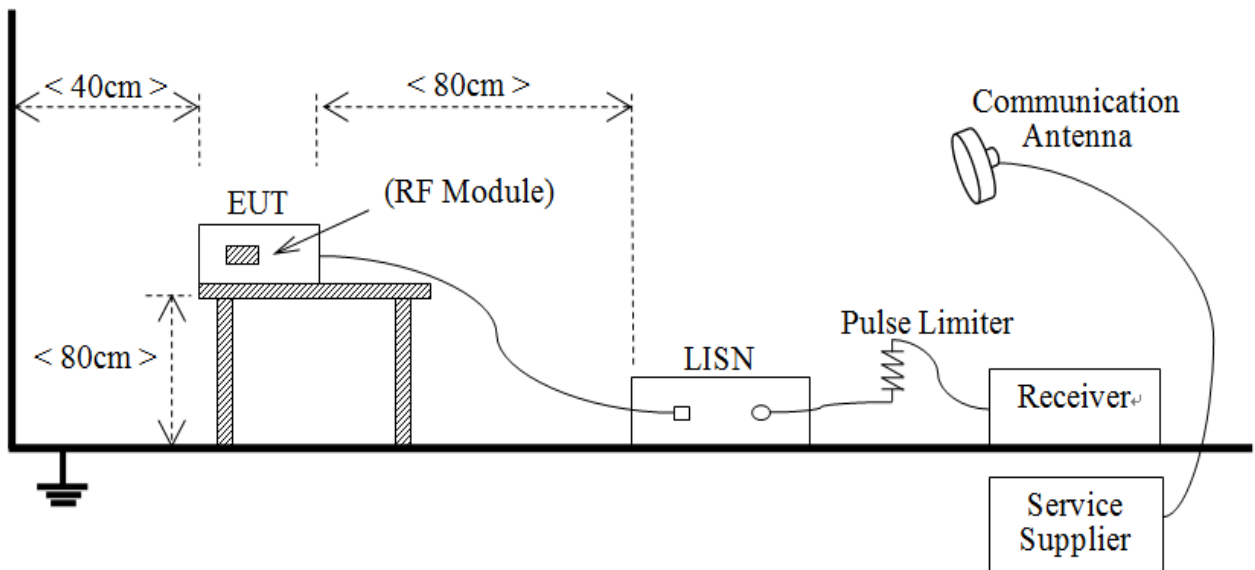
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



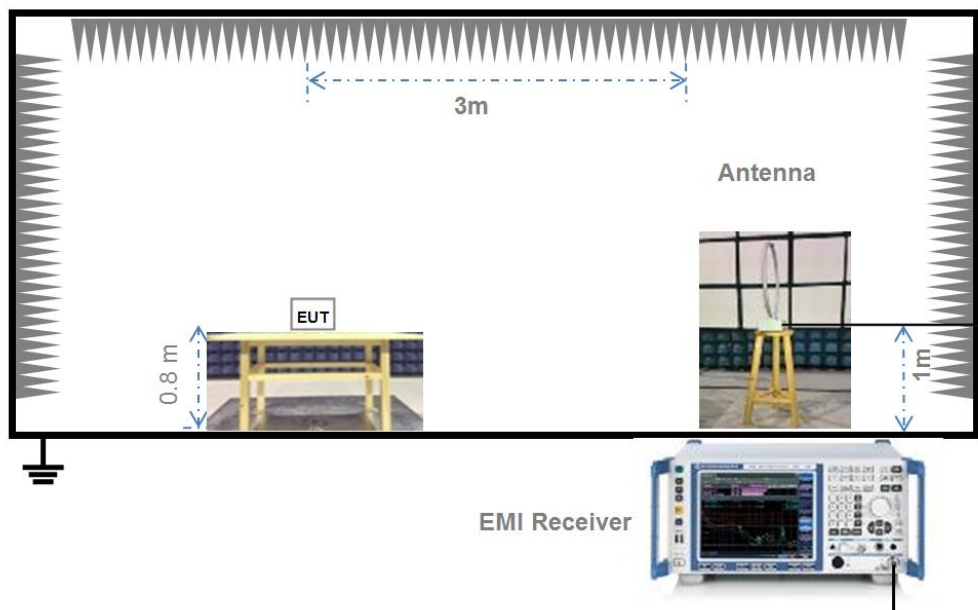
(Diagram 1)

4.5.2 For AC Power Supply Port Test



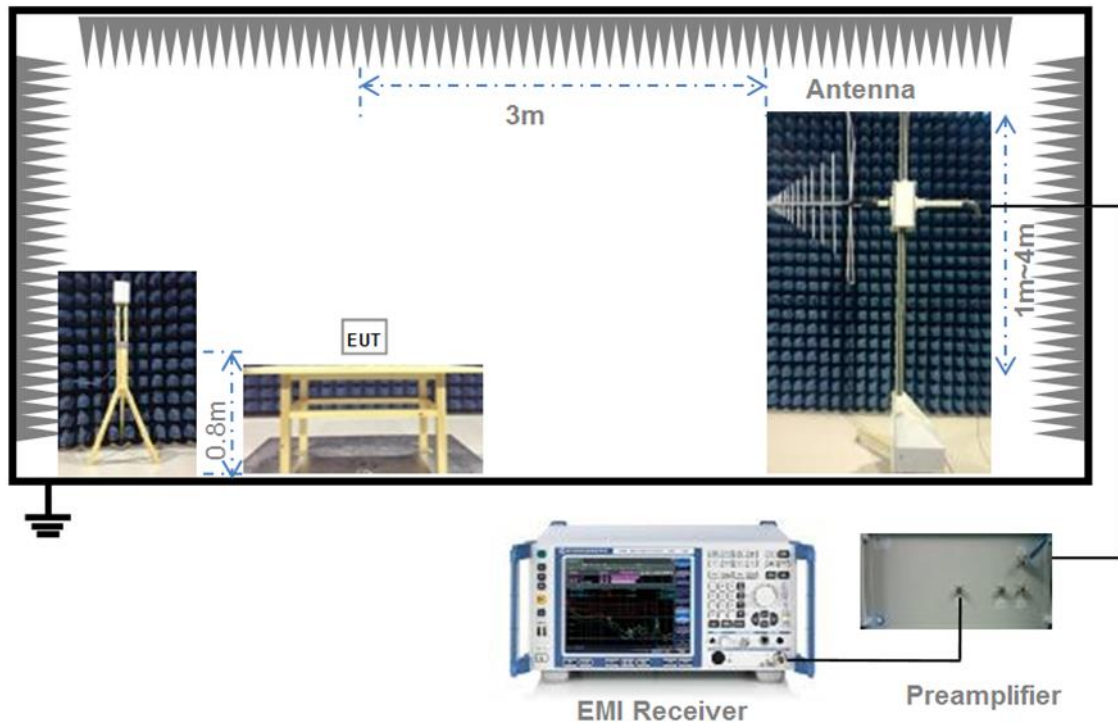
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



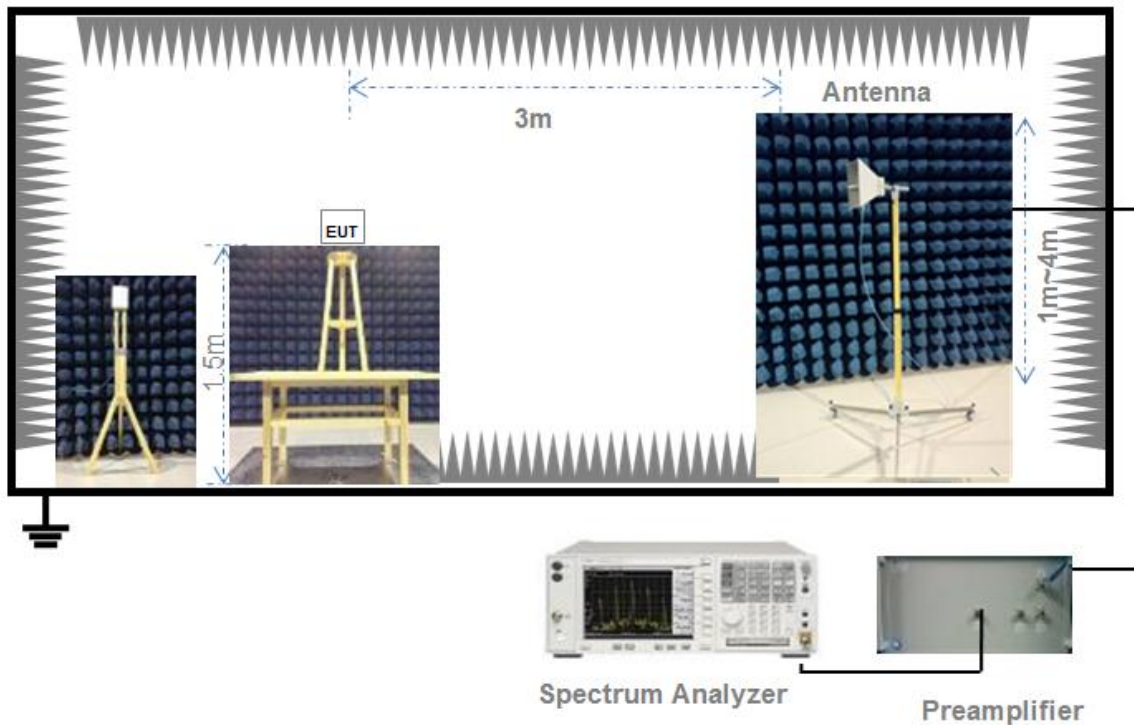
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

Frequency Band (MHz)	Limit
5150-5250	250 mW
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W
Note: Where “B” is the 26 dB emissions bandwidth in MHz.	

5.1.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

Maximum conducted (average) output power

a) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied.

- 1) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
- 2) At all times when the EUT is transmitting, it shall be transmitting at its maximum power control level.
- 3) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

b) If the transmitter does not transmit continuously, measure the duty cycle (x) of the transmitter output signal.

c) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

d) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle.

Measurements of duty cycle

The zero-span mode on a spectrum analyzer or EMI receiver if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal.

Set the center frequency of the instrument to the center frequency of the transmission.

Set RBW ≥ OBW if possible; otherwise, set RBW to the largest available value.

Set VBW $\geq$ RBW. Set detector = peak or average.

The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$ and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if $T \leq 16.7$ microseconds.)

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.10 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

5.2.2 Test Setup

The test setup photo please refer to 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the maximum of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

Occupied Bandwidth

1. Set center frequency to the nominal EUT channel center frequency.
2. Set Span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1% to 5% of the OBW.
4. Set VBW $\geq 3 \times$ RBW.
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used. Use the 99% power bandwidth function of the instrument.
6. Use the 99% power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99% power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5% of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

6 dB bandwidth

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 kHz for the band 5.725–5.85 GHz. The following procedure shall be used for measuring this bandwidth:

1. Set RBW = 100 kHz,
2. Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$.
3. Detector = Peak.
4. Trace mode = Max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

Please refer to ANNEX A.2 and ANNEX A.3.

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	11 dBm/MHz
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz

5.3.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.

1. Set RBW = 510 kHz/1 MHz, VBW $\geq 3 \times$ RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.10 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the U-NII-150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dB μ V)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.4.2 Test Setup

The section 4.5.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

5.4.4 Test Result

Please refer to ANNEX A.5.

5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

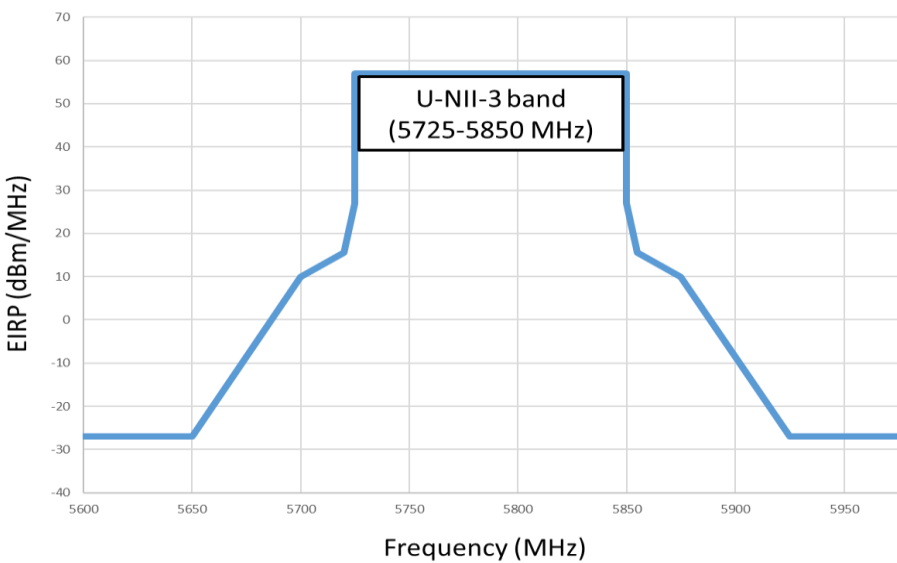
5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note ¹: The Limit for radiated test was performed according to FCC Part 15C

Note ²: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. 

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength.

5.5.2 Test Setup

The section 4.5.3-4.5.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

Since the emission limits are specified in terms of radiated field strength levels, measurements performed to demonstrate compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for demonstrating compliance to the specified limits; however antenna-port conducted measurements are also now acceptable to demonstrate compliance (see below for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in ANSI C63.10 shall be followed.

Antenna-port conducted measurements may also be used as an alternative to radiated measurements for demonstrating compliance in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case spurious emissions is required.

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).
- c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:
$$E = \text{EIRP} - 20\log D + 104.8$$
where:
E = electric field strength in dB μ V/m,
EIRP = equivalent isotropic radiated power in dBm
D = specified measurement distance in meters.
- e) Compare the resultant electric field strength level to the applicable limit.
- f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable emission limits using a peak detector.

Peak power measurement procedure

Peak emission levels are measured by setting the instrument as follows:

- a) RBW = as specified in Table 1.
- b) VBW $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Sweep time = auto.
- e) Trace mode = max hold.
- f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

Trace averaging across on and off times of the EUT transmissions followed by duty cycle correction

If continuous transmission of the EUT (i.e., duty cycle ≥ 98 percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than ± 2 percent), then the following procedure shall be used:

- a) The EUT shall be configured to operate at the maximum achievable duty cycle.
- b) Measure the duty cycle, x , of the transmitter output signal as described in section 6.0.
- c) RBW = 1 MHz (unless otherwise specified).
- d) VBW $\geq 3 \times$ RBW.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.

g) Sweep time = auto.

h) Perform a trace average of at least 100 traces.

i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:

1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.

2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.

3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

NOTE: Reduction of the measured emission amplitude levels to account for operational duty factor is not permitted. Compliance is based on emission levels occurring during transmission - not on an average across on and off times of the transmitter.

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band emission; however, in order to determine the associated EIRP level, the gain of the transmitting antenna (in dBi) must be added to the measured output power (in dBm).

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

See KDB 662911 for guidance on calculating the additional array gain term when determining the effective antenna gain for a EUT with multiple outputs occupying the same or overlapping frequency ranges in the same band.

Radiated spurious emission test

An additional consideration when performing conducted measurements of restricted band emissions is that unwanted emissions radiating from the EUT cabinet, control circuits, power leads, or intermediate circuit elements will likely go undetected in a conducted measurement configuration. To address this concern, a radiated test shall be performed to ensure that emissions emanating from the EUT cabinet (rather than the antenna port) also comply with the applicable limits.

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated

measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

RBW = 1 MHz for $f \geq 1$ GHz, 100 kHz for $f < 1$ GHz

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note ¹: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Note ²: All the configurations were pre tested, only the worst configuration has been reported in this report.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.52	91.50%	0.39
11n(HT20)/11ac(VHT20)	0.67	0.85	79.73%	0.98
11n(HT40)/11ac(VHT40)	0.35	0.46	75.22%	1.24
11ac(VHT80)	0.19	0.30	61.98%	2.08
11ax(HE20)(SU)	0.53	0.65	82.00%	0.86
11ax(HE40)(SU)	0.30	0.41	71.99%	1.43
11ax(HE80)(SU)	0.17	0.29	59.65%	2.24

Test DataConducted PowerSISO-ANT0

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	19.85	96.61	1000	Pass
11a	CH157	18.80	75.86	1000	Pass
11a	CH165	18.87	77.09	1000	Pass
11n (HT20)	CH149	19.68	92.90	1000	Pass
11n (HT20)	CH157	19.97	99.31	1000	Pass
11n (HT20)	CH165	19.36	86.30	1000	Pass
11n (HT40)	CH151	15.38	34.51	1000	Pass
11n (HT40)	CH159	17.73	59.29	1000	Pass
11ac (VHT20)	CH149	19.85	96.61	1000	Pass
11ac (VHT20)	CH157	19.41	87.30	1000	Pass
11ac (VHT20)	CH165	19.56	90.36	1000	Pass
11ac (VHT40)	CH151	15.42	34.83	1000	Pass
11ac (VHT40)	CH159	17.45	55.59	1000	Pass
11ac (VHT80)	CH155	13.79	23.93	1000	Pass
11ax (HE20)(SU)	CH149	19.57	90.57	1000	Pass
11ax (HE20)(SU)	CH157	19.32	85.51	1000	Pass
11ax (HE20)(SU)	CH165	19.92	98.17	1000	Pass
11ax (HE40)(SU)	CH151	15.64	36.64	1000	Pass
11ax (HE40)(SU)	CH159	17.51	56.36	1000	Pass
11ax (HE80)(SU)	CH155	13.83	24.15	1000	Pass

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U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	19.17	82.60	1000	Pass
11a	CH157	18.89	77.45	1000	Pass
11a	CH165	19.66	92.47	1000	Pass
11n (HT20)	CH149	19.45	88.10	1000	Pass
11n (HT20)	CH157	19.48	88.72	1000	Pass
11n (HT20)	CH165	19.02	79.80	1000	Pass
11n (HT40)	CH151	15.71	37.24	1000	Pass
11n (HT40)	CH159	17.54	56.75	1000	Pass
11ac (VHT20)	CH149	19.05	80.35	1000	Pass
11ac (VHT20)	CH157	19.82	95.94	1000	Pass
11ac (VHT20)	CH165	19.42	87.50	1000	Pass
11ac (VHT40)	CH151	15.72	37.33	1000	Pass
11ac (VHT40)	CH159	17.59	57.41	1000	Pass
11ac (VHT80)	CH155	13.09	20.37	1000	Pass
11ax (HE20)(SU)	CH149	19.84	96.38	1000	Pass
11ax (HE20)(SU)	CH157	19.66	92.47	1000	Pass
11ax (HE20)(SU)	CH165	19.27	84.53	1000	Pass
11ax (HE40)(SU)	CH151	15.62	36.48	1000	Pass
11ax (HE40)(SU)	CH159	17.40	54.95	1000	Pass
11ax (HE80)(SU)	CH155	13.98	25.00	1000	Pass

MIMO

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	22.53	179.21	961.61	Pass
11a	CH157	21.86	153.30	961.61	Pass
11a	CH165	22.29	169.56	961.61	Pass
11n (HT20)	CH149	22.58	181.00	1000	Pass
11n (HT20)	CH157	22.74	188.03	1000	Pass
11n (HT20)	CH165	22.20	166.10	1000	Pass
11n (HT40)	CH151	18.56	71.75	1000	Pass
11n (HT40)	CH159	20.65	116.05	1000	Pass
11ac (VHT20)	CH149	22.48	176.96	1000	Pass
11ac (VHT20)	CH157	22.63	183.24	1000	Pass
11ac (VHT20)	CH165	22.50	177.86	1000	Pass
11ac (VHT40)	CH151	18.58	72.16	1000	Pass
11ac (VHT40)	CH159	20.53	113.00	1000	Pass
11ac (VHT80)	CH155	16.46	44.30	1000	Pass
11ax (HE20)(SU)	CH149	22.72	186.96	1000	Pass
11ax (HE20)(SU)	CH157	22.50	177.98	1000	Pass
11ax (HE20)(SU)	CH165	22.62	182.70	1000	Pass
11ax (HE40)(SU)	CH151	18.64	73.12	1000	Pass
11ax (HE40)(SU)	CH159	20.47	111.32	1000	Pass
11ax (HE80)(SU)	CH155	16.92	49.16	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note¹: Test plots please refer to the document “Annex No.: Ti-EE26040022-603 Data Part 1.pdf”.

Note²: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note³: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data

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U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	29.16	16.85
11a	CH157	25.63	16.69
11a	CH165	23.76	16.71
11n(HT20)	CH149	27.92	18.00
11n(HT20)	CH157	27.05	18.01
11n(HT20)	CH165	25.55	17.92
11n(HT40)	CH151	42.49	36.35
11n(HT40)	CH159	45.11	36.44
11ac(VHT20)	CH149	27.97	17.97
11ac(VHT20)	CH157	26.01	17.89
11ac(VHT20)	CH165	26.66	17.89
11ac(VHT40)	CH151	42.99	36.32
11ac(VHT40)	CH159	44.47	36.38
11ac(VHT80)	CH155	86.49	75.50
11ax(HE20)(SU)	CH149	28.04	19.12
11ax(HE20)(SU)	CH157	29.57	19.07
11ax(HE20)(SU)	CH165	27.65	19.12
11ax(HE40)(SU)	CH151	43.58	37.74
11ax(HE40)(SU)	CH159	45.02	37.83
11ax(HE80)(SU)	CH155	85.72	76.94

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U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	24.62	16.69
11a	CH157	23.23	16.65
11a	CH165	29.55	16.78
11n(HT20)	CH149	26.71	17.94
11n(HT20)	CH157	27.26	17.92
11n(HT20)	CH165	26.05	17.87
11n(HT40)	CH151	42.73	36.44
11n(HT40)	CH159	42.98	36.50
11ac(VHT20)	CH149	23.43	17.81
11ac(VHT20)	CH157	27.10	17.82
11ac(VHT20)	CH165	25.01	17.84
11ac(VHT40)	CH151	42.86	36.38
11ac(VHT40)	CH159	43.19	36.35
11ac(VHT80)	CH155	87.11	75.42
11ax(HE20)(SU)	CH149	24.81	18.94
11ax(HE20)(SU)	CH157	24.26	18.94
11ax(HE20)(SU)	CH165	24.88	18.93
11ax(HE40)(SU)	CH151	42.90	37.77
11ax(HE40)(SU)	CH159	43.21	37.82
11ax(HE80)(SU)	CH155	84.67	77.03

A.3 6 dB Bandwidth

Note¹: Test plots please refer to the document “Annex No.: Ti-EE26040022-603 Data Part 2.pdf”.

Note²: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note³: All antenna were pre tested, but only the worst case has been reported in this report.

Test Data

SISO-ANT0

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.30	500.00	Pass
11a	CH165	15.20	500.00	Pass
11n(HT20)	CH149	15.60	500.00	Pass
11n(HT20)	CH157	15.30	500.00	Pass
11n(HT20)	CH165	15.30	500.00	Pass
11n(HT40)	CH151	35.30	500.00	Pass
11n(HT40)	CH159	35.30	500.00	Pass
11ac(VHT20)	CH149	15.20	500.00	Pass
11ac(VHT20)	CH157	15.30	500.00	Pass
11ac(VHT20)	CH165	15.30	500.00	Pass
11ac(VHT40)	CH151	35.30	500.00	Pass
11ac(VHT40)	CH159	35.30	500.00	Pass
11ac(VHT80)	CH155	75.30	500.00	Pass
11ax(HE20)(SU)	CH149	15.30	500.00	Pass
11ax(HE20)(SU)	CH157	15.30	500.00	Pass
11ax(HE20)(SU)	CH165	15.30	500.00	Pass
11ax(HE40)(SU)	CH151	35.30	500.00	Pass
11ax(HE40)(SU)	CH159	35.30	500.00	Pass
11ax(HE80)(SU)	CH155	75.20	500.00	Pass

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U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.30	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n(HT20)	CH149	15.40	500.00	Pass
11n(HT20)	CH157	14.00	500.00	Pass
11n(HT20)	CH165	15.40	500.00	Pass
11n(HT40)	CH151	35.30	500.00	Pass
11n(HT40)	CH159	35.30	500.00	Pass
11ac(VHT20)	CH149	15.20	500.00	Pass
11ac(VHT20)	CH157	15.30	500.00	Pass
11ac(VHT20)	CH165	15.20	500.00	Pass
11ac(VHT40)	CH151	35.30	500.00	Pass
11ac(VHT40)	CH159	35.20	500.00	Pass
11ac(VHT80)	CH155	75.30	500.00	Pass
11ax(HE20)(SU)	CH149	14.10	500.00	Pass
11ax(HE20)(SU)	CH157	15.30	500.00	Pass
11ax(HE20)(SU)	CH165	15.30	500.00	Pass
11ax(HE40)(SU)	CH151	36.30	500.00	Pass
11ax(HE40)(SU)	CH159	35.30	500.00	Pass
11ax(HE80)(SU)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note¹: Test plots please refer to the document “Annex No.: Ti-EE26040022-603 Data Part 3.pdf”.

Note²: All the configurations were pre tested, only the worst configuration has been reported in this report.

Test Data

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U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	Measured PSD (dBm/500kHz)	Duty Factor (10 log (1/x))	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	6.62	0.39	7.00	30.00	Pass
11a	CH157	5.52	0.39	5.90	30.00	Pass
11a	CH165	5.70	0.39	6.08	30.00	Pass
11n (HT20)	CH149	6.36	0.98	7.34	30.00	Pass
11n (HT20)	CH157	6.60	0.98	7.59	30.00	Pass
11n (HT20)	CH165	5.96	0.98	6.94	30.00	Pass
11n (HT40)	CH151	-0.67	1.24	0.57	30.00	Pass
11n (HT40)	CH159	1.46	1.24	2.70	30.00	Pass
11ac (VHT20)	CH149	6.42	0.98	7.40	30.00	Pass
11ac (VHT20)	CH157	6.04	0.98	7.02	30.00	Pass
11ac (VHT20)	CH165	5.99	0.98	6.97	30.00	Pass
11ac (VHT40)	CH151	-0.77	1.24	0.47	30.00	Pass
11ac (VHT40)	CH159	1.34	1.24	2.58	30.00	Pass
11ac (VHT80)	CH155	-5.08	2.08	-3.00	30.00	Pass
11ax (HE20)(SU)	CH149	5.89	0.86	6.75	30.00	Pass
11ax (HE20)(SU)	CH157	5.63	0.86	6.49	30.00	Pass
11ax (HE20)(SU)	CH165	6.40	0.86	7.26	30.00	Pass
11ax (HE40)(SU)	CH151	-0.65	1.43	0.78	30.00	Pass
11ax (HE40)(SU)	CH159	1.09	1.43	2.51	30.00	Pass
11ax (HE80)(SU)	CH155	-4.99	2.24	-2.75	30.00	Pass

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U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	Measured PSD (dBm/500kHz)	Duty Factor (10 log (1/x))	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	5.95	0.39	6.34	30.00	Pass
11a	CH157	5.66	0.39	6.04	30.00	Pass
11a	CH165	6.41	0.39	6.79	30.00	Pass
11n (HT20)	CH149	6.07	0.98	7.05	30.00	Pass
11n (HT20)	CH157	6.10	0.98	7.08	30.00	Pass
11n (HT20)	CH165	5.63	0.98	6.61	30.00	Pass
11n (HT40)	CH151	-0.64	1.24	0.59	30.00	Pass
11n (HT40)	CH159	1.23	1.24	2.46	30.00	Pass
11ac (VHT20)	CH149	5.86	0.98	6.85	30.00	Pass
11ac (VHT20)	CH157	6.32	0.98	7.31	30.00	Pass
11ac (VHT20)	CH165	6.10	0.98	7.08	30.00	Pass
11ac (VHT40)	CH151	-0.33	1.24	0.91	30.00	Pass
11ac (VHT40)	CH159	1.31	1.24	2.55	30.00	Pass
11ac (VHT80)	CH155	-6.10	2.08	-4.02	30.00	Pass
11ax (HE20)(SU)	CH149	6.20	0.86	7.06	30.00	Pass
11ax (HE20)(SU)	CH157	6.07	0.86	6.93	30.00	Pass
11ax (HE20)(SU)	CH165	5.75	0.86	6.61	30.00	Pass
11ax (HE40)(SU)	CH151	-1.02	1.43	0.41	30.00	Pass
11ax (HE40)(SU)	CH159	1.06	1.43	2.49	30.00	Pass
11ax (HE80)(SU)	CH155	-5.24	2.24	-3.00	30.00	Pass

MIMO

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	9.69	29.83	Pass
11a	CH157	8.98	29.83	Pass
11a	CH165	9.46	29.83	Pass
11n (HT20)	CH149	10.21	30.00	Pass
11n (HT20)	CH157	10.35	30.00	Pass
11n (HT20)	CH165	9.79	30.00	Pass
11n (HT40)	CH151	3.59	30.00	Pass
11n (HT40)	CH159	5.59	30.00	Pass
11ac (VHT20)	CH149	10.14	30.00	Pass
11ac (VHT20)	CH157	10.18	30.00	Pass
11ac (VHT20)	CH165	10.04	30.00	Pass
11ac (VHT40)	CH151	3.70	30.00	Pass
11ac (VHT40)	CH159	5.58	30.00	Pass
11ac (VHT80)	CH155	-0.47	30.00	Pass
11ax (HE20)(SU)	CH149	9.92	30.00	Pass
11ax (HE20)(SU)	CH157	9.73	30.00	Pass
11ax (HE20)(SU)	CH165	9.96	30.00	Pass
11ax (HE40)(SU)	CH151	3.61	30.00	Pass
11ax (HE40)(SU)	CH159	5.51	30.00	Pass
11ax (HE80)(SU)	CH155	0.14	30.00	Pass

A.5 Conducted Emissions

Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

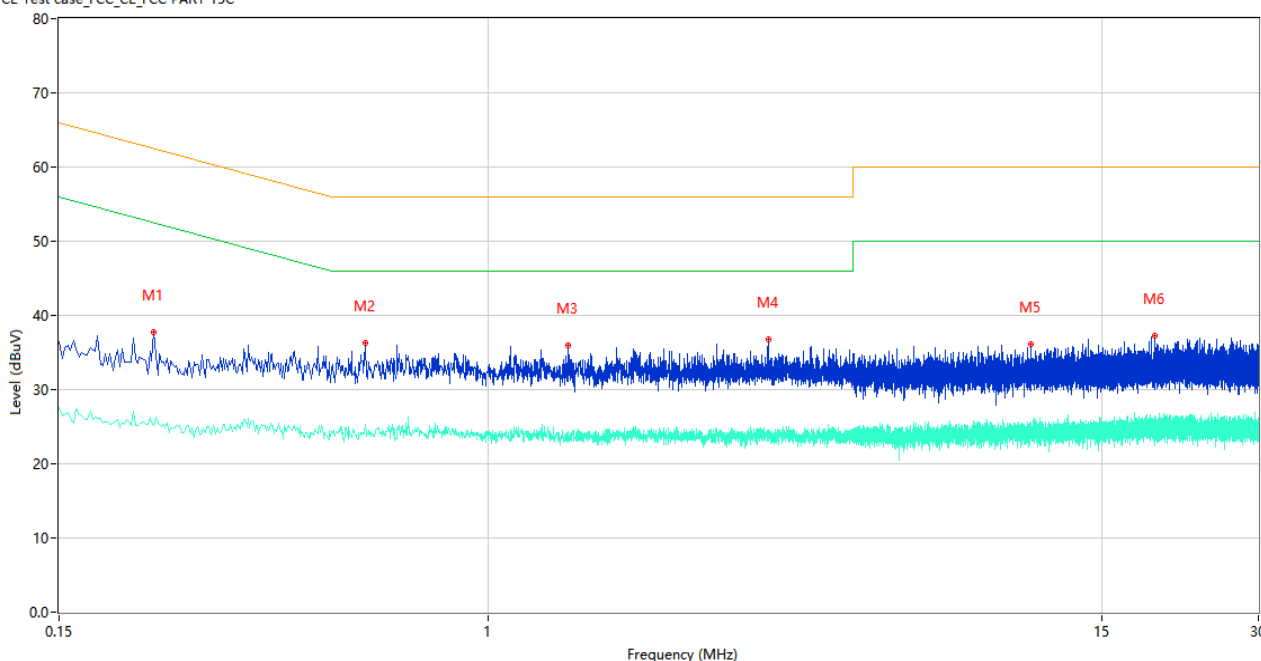
Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note ³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

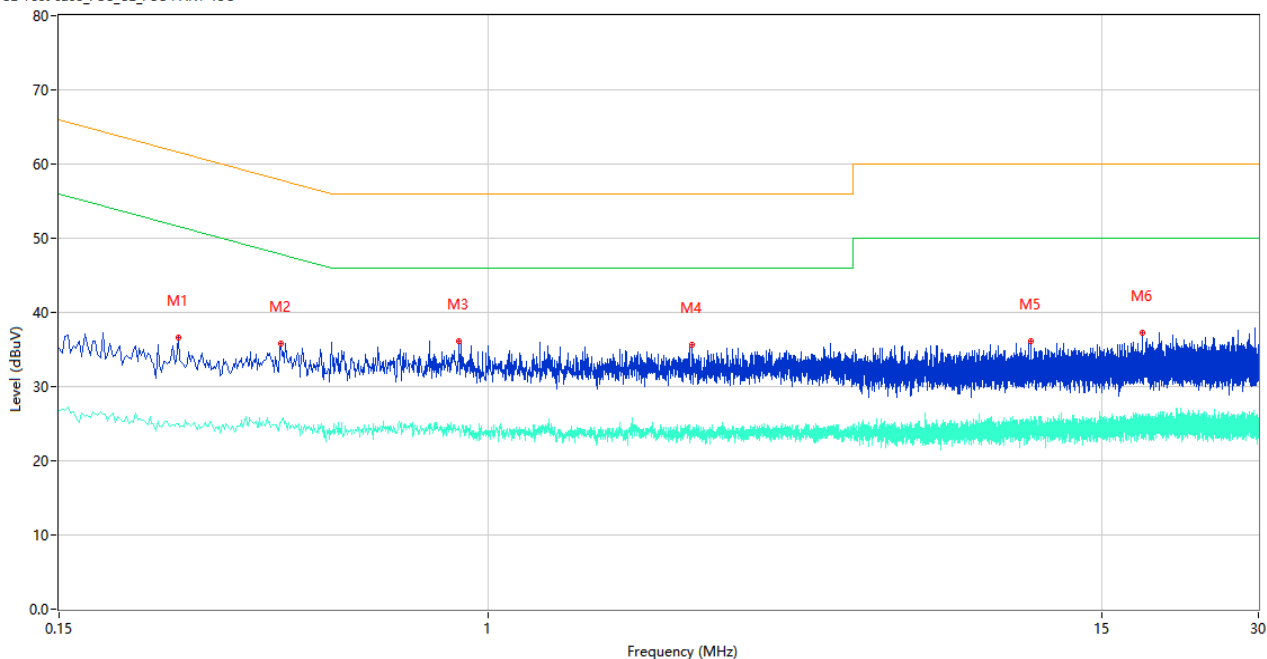
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.228	37.69	9.83	62.52	24.83	Peak	L	Pass
1**	0.228	25.18	9.83	52.52	27.34	AV	L	Pass
2	0.580	36.34	10.17	56.00	19.66	Peak	L	Pass
2**	0.580	25.28	10.17	46.00	20.72	AV	L	Pass
3	1.418	36.04	9.92	56.00	19.96	Peak	L	Pass
3**	1.418	24.30	9.92	46.00	21.70	AV	L	Pass
4	3.452	36.69	10.33	56.00	19.31	Peak	L	Pass
4**	3.452	24.36	10.33	46.00	21.64	AV	L	Pass
5	10.998	36.07	10.75	60.00	23.93	Peak	L	Pass
5**	10.998	25.41	10.75	50.00	24.59	AV	L	Pass
6	19.022	37.27	11.12	60.00	22.73	Peak	L	Pass
6**	19.022	25.65	11.12	50.00	24.35	AV	L	Pass

PHASE N

CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.254	36.62	9.82	61.63	25.01	Peak	N	Pass
1**	0.254	24.96	9.82	51.63	26.67	AV	N	Pass
2	0.400	35.87	10.61	57.85	21.98	Peak	N	Pass
2**	0.400	25.16	10.61	47.85	22.69	AV	N	Pass
3	0.878	36.20	10.43	56.00	19.80	Peak	N	Pass
3**	0.878	24.68	10.43	46.00	21.32	AV	N	Pass
4	2.458	35.67	10.23	56.00	20.33	Peak	N	Pass
4**	2.458	23.98	10.23	46.00	22.02	AV	N	Pass
5	10.958	36.19	10.61	60.00	23.81	Peak	N	Pass
5**	10.958	24.66	10.61	50.00	25.34	AV	N	Pass
6	17.994	37.32	10.91	60.00	22.68	Peak	N	Pass
6**	17.994	25.24	10.91	50.00	24.76	AV	N	Pass

A.6 Radiated Spurious Emissions and Band Edge (Restricted-band)

Note ¹: The symbol of "--" in the table which means not application.

Note ²: For the test data above 1 GHz, According the ANSI C63.10, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note ³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

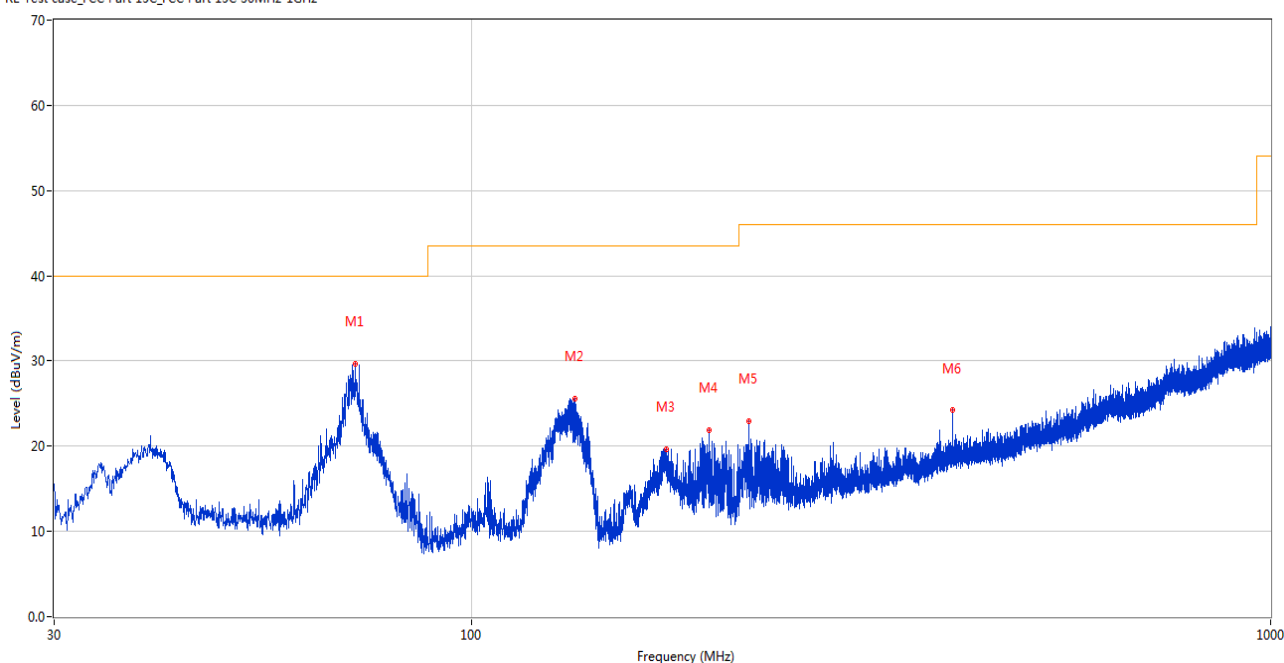
Note ⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Note ⁵: For Multiple transmitter output, the quantity $10 \log (NANT)$ dB is added to each spectrum value before comparing to the emission limit. When testing out-of-band and spurious emissions against relative emission limits, tests may be performed on each output individually without summing or adding $10 \log (NANT)$ if the measurements are made relative to the in-band emissions on the individual outputs.

Test Data and Plots

30 MHz to 1 GHz, ANT H

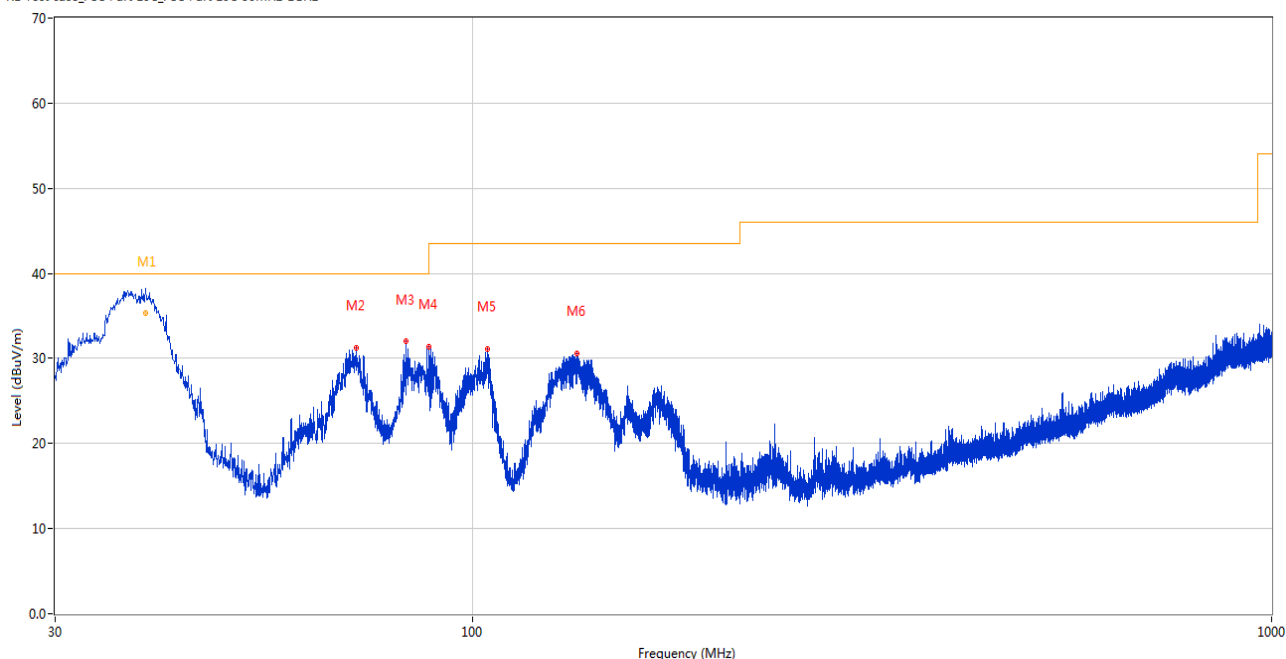
RE Test case_FCC Part 15C_FCC Part 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	71.467	29.70	-28.74	40.0	10.30	Peak	19.30	100	Horizontal	Pass
2	134.518	25.58	-28.48	43.5	17.92	Peak	229.30	100	Horizontal	Pass
3	175.258	19.69	-26.86	43.5	23.81	Peak	329.10	100	Horizontal	Pass
4	198.198	21.92	-24.19	43.5	21.58	Peak	360.00	100	Horizontal	Pass
5	221.963	22.92	-24.05	46.0	23.08	Peak	19.30	100	Horizontal	Pass
6	400.055	24.19	-18.37	46.0	21.81	Peak	186.80	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

RE Test case_FCC Part 15C_FCC Part 15C 30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.972	38.17	-25.85	40.0	1.83	Peak	298.00	100	Vertical	N/A
1*	38.972	35.35	-25.85	40.0	4.65	QP	298.00	100	Vertical	Pass
2	71.467	31.19	-28.74	40.0	8.81	Peak	284.50	100	Vertical	Pass
3	82.477	31.97	-30.17	40.0	8.03	Peak	250.40	100	Vertical	Pass
4	88.103	31.33	-28.43	43.5	12.17	Peak	14.70	100	Vertical	Pass
5	104.399	31.07	-25.63	43.5	12.43	Peak	323.80	100	Vertical	Pass
6	135.051	30.55	-28.46	43.5	12.95	Peak	316.70	100	Vertical	Pass

Note ¹: The spurious above 18G is noise only, do not show on the report.

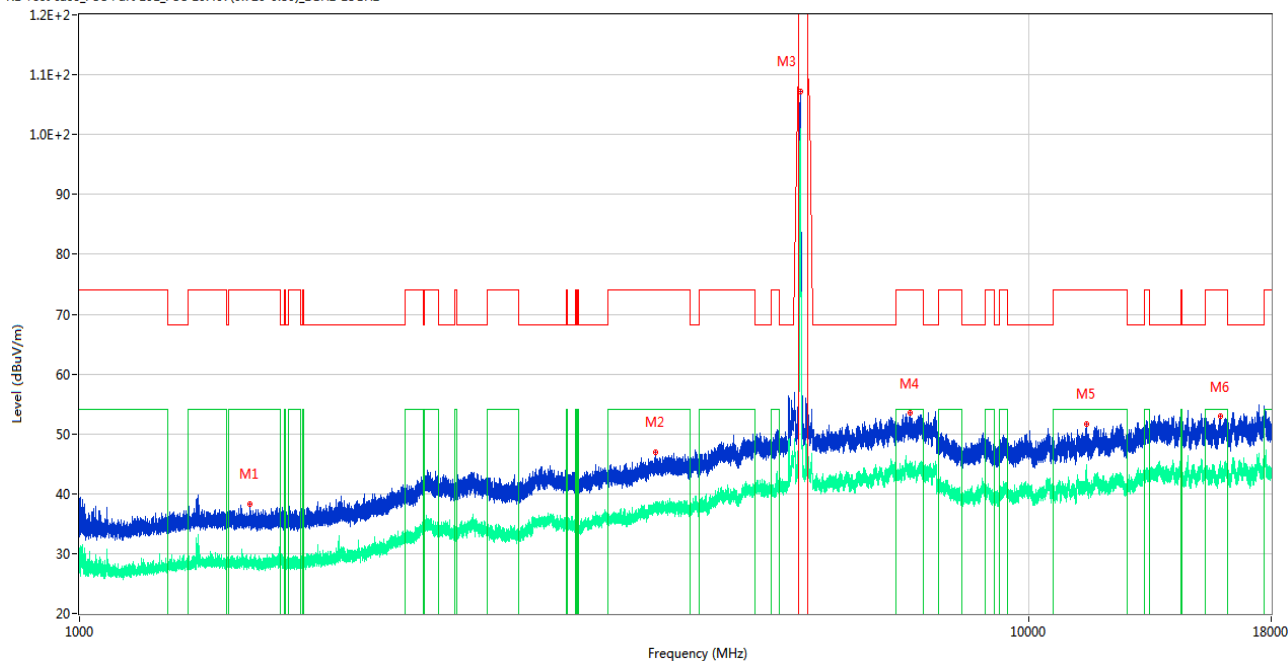
Note ²: All the configurations were pre tested, only the worst configuration has been reported in this report.

Note ³: All antenna were pre tested, but only the worst case has been reported in this report.

MIMO

11a, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

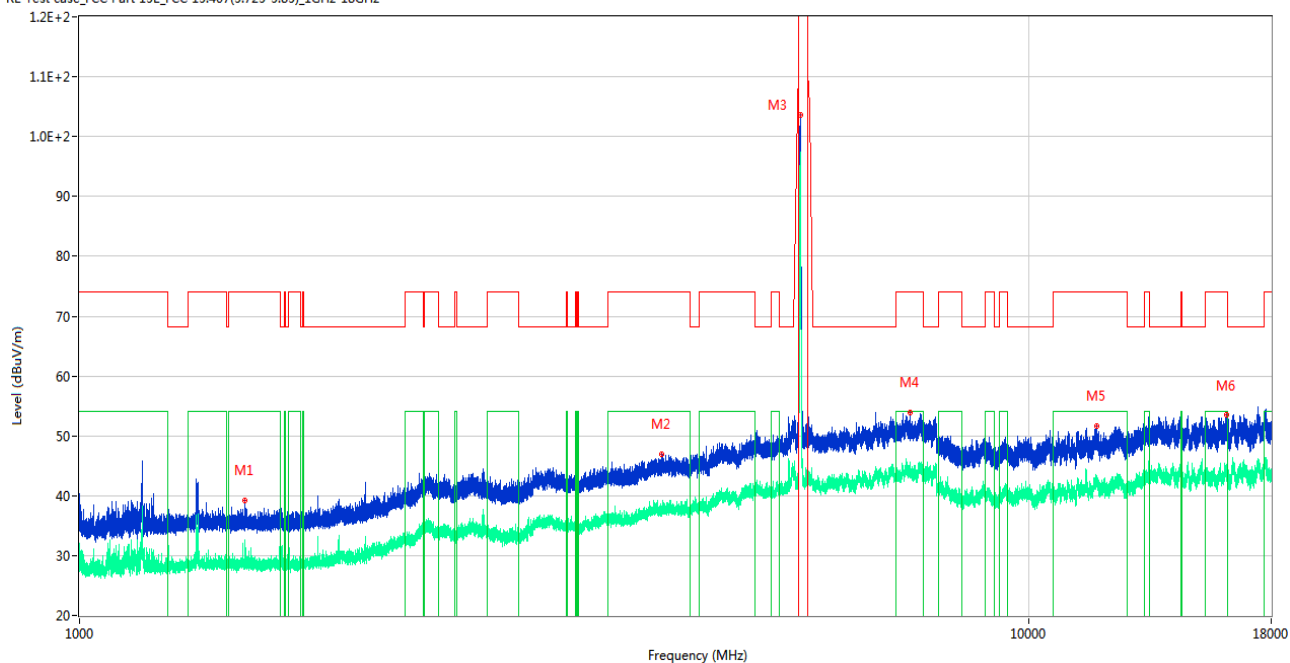
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1512.100	38.30	74.0	35.70	Peak	18.00	100	Horizontal	Pass
1**	1512.100	29.50	54.0	24.50	AV	18.00	100	Horizontal	Pass
2	4046.500	46.94	74.0	27.06	Peak	23.00	100	Horizontal	Pass
2**	4046.500	37.79	54.0	16.21	AV	23.00	100	Horizontal	Pass
3	5743.250	107.20	--	--	Peak	23.00	100	Horizontal	N/A
3**	5743.250	99.97	--	--	AV	23.00	100	Horizontal	N/A
4	7495.750	53.43	74.0	20.57	Peak	320.00	200	Horizontal	Pass
4**	7495.750	44.10	54.0	9.90	AV	320.00	200	Horizontal	Pass
5	11491.488	51.63	74.0	22.37	Peak	268.00	100	Horizontal	Pass
5**	11491.488	43.16	54.0	10.84	AV	268.00	100	Horizontal	Pass
6	15918.638	52.88	74.0	21.12	Peak	240.00	100	Horizontal	Pass
6**	15918.638	44.01	54.0	9.99	AV	240.00	100	Horizontal	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

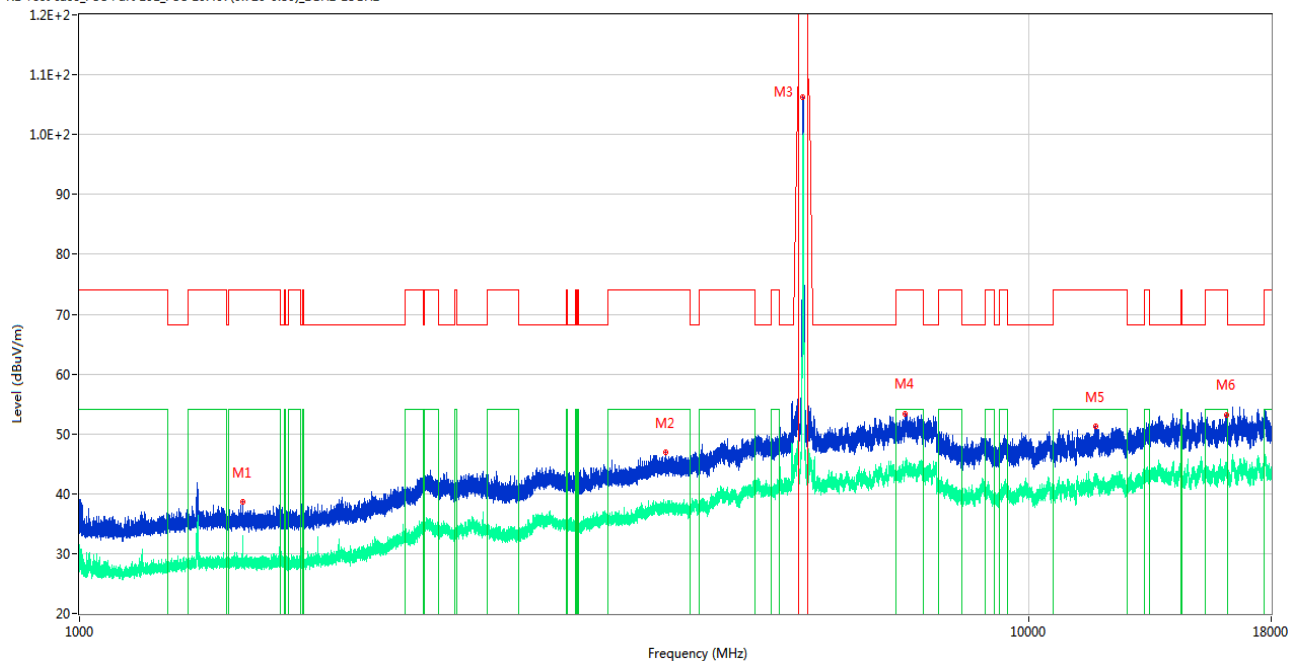
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.400	39.29	74.0	34.71	Peak	304.00	200	Vertical	Pass
1**	1494.400	29.96	54.0	24.04	AV	304.00	200	Vertical	Pass
2	4108.750	47.02	74.0	26.98	Peak	0.00	400	Vertical	Pass
2**	4108.750	38.11	54.0	15.89	AV	0.00	400	Vertical	Pass
3	5743.750	103.59	--	--	Peak	277.00	100	Vertical	N/A
3**	5743.750	96.06	--	--	AV	277.00	100	Vertical	N/A
4	7493.250	53.96	74.0	20.04	Peak	360.00	100	Vertical	Pass
4**	7493.250	44.48	54.0	9.52	AV	360.00	100	Vertical	Pass
5	11777.200	51.67	74.0	22.33	Peak	346.00	100	Vertical	Pass
5**	11777.200	42.37	54.0	11.63	AV	346.00	100	Vertical	Pass
6	16134.412	53.48	74.0	20.52	Peak	203.00	400	Vertical	Pass
6**	16134.412	43.56	54.0	10.44	AV	203.00	400	Vertical	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

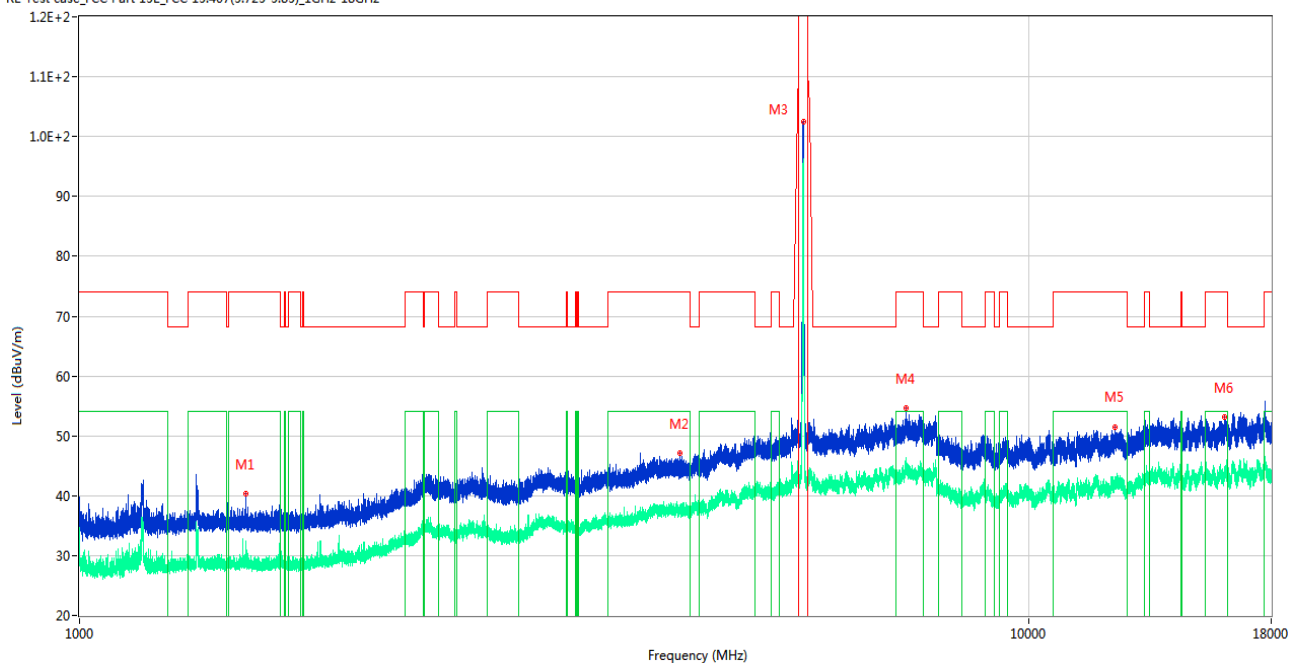
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.400	38.57	74.0	35.43	Peak	103.00	200	Horizontal	Pass
1**	1485.400	31.86	54.0	22.14	AV	103.00	200	Horizontal	Pass
2	4141.250	46.87	74.0	27.13	Peak	0.00	300	Horizontal	Pass
2**	4141.250	37.05	54.0	16.95	AV	0.00	300	Horizontal	Pass
3	5783.500	106.32	--	--	Peak	41.00	100	Horizontal	N/A
3**	5783.500	99.79	--	--	AV	41.00	100	Horizontal	N/A
4	7403.250	53.40	74.0	20.60	Peak	178.00	300	Horizontal	Pass
4**	7403.250	43.07	54.0	10.93	AV	178.00	300	Horizontal	Pass
5	11772.925	51.24	74.0	22.76	Peak	181.00	100	Horizontal	Pass
5**	11772.925	43.13	54.0	10.87	AV	181.00	100	Horizontal	Pass
6	16143.337	53.20	74.0	20.80	Peak	139.00	200	Horizontal	Pass
6**	16143.337	44.90	54.0	9.10	AV	139.00	200	Horizontal	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

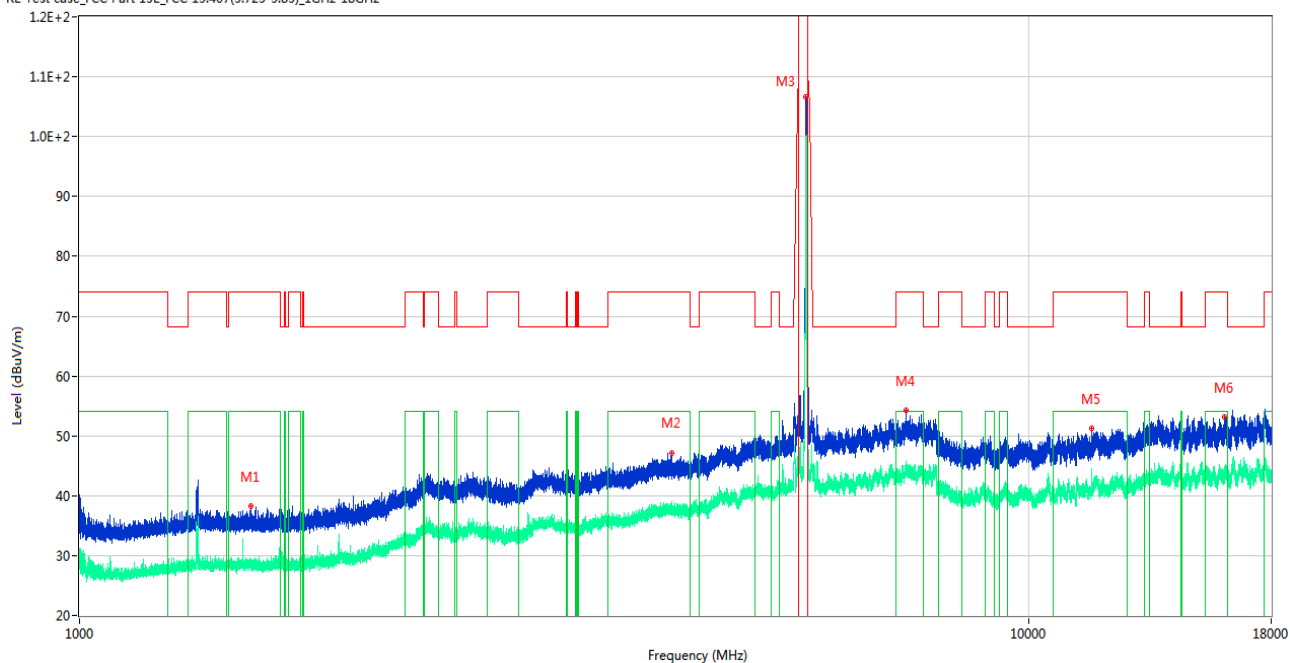
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.100	40.25	74.0	33.75	Peak	283.00	400	Vertical	Pass
1**	1495.100	29.38	54.0	24.62	AV	283.00	400	Vertical	Pass
2	4286.000	47.10	74.0	26.90	Peak	252.00	300	Vertical	Pass
2**	4286.000	37.38	54.0	16.62	AV	252.00	300	Vertical	Pass
3	5784.250	102.44	--	--	Peak	274.00	200	Vertical	N/A
3**	5784.250	95.06	--	--	AV	274.00	200	Vertical	N/A
4	7422.750	54.63	74.0	19.37	Peak	298.00	200	Vertical	Pass
4**	7422.750	45.14	54.0	8.86	AV	298.00	200	Vertical	Pass
5	12326.537	51.47	74.0	22.53	Peak	31.00	100	Vertical	Pass
5**	12326.537	42.48	54.0	11.52	AV	31.00	100	Vertical	Pass
6	16091.362	53.08	74.0	20.92	Peak	55.00	200	Vertical	Pass
6**	16091.362	44.90	54.0	9.10	AV	55.00	200	Vertical	Pass

11a, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

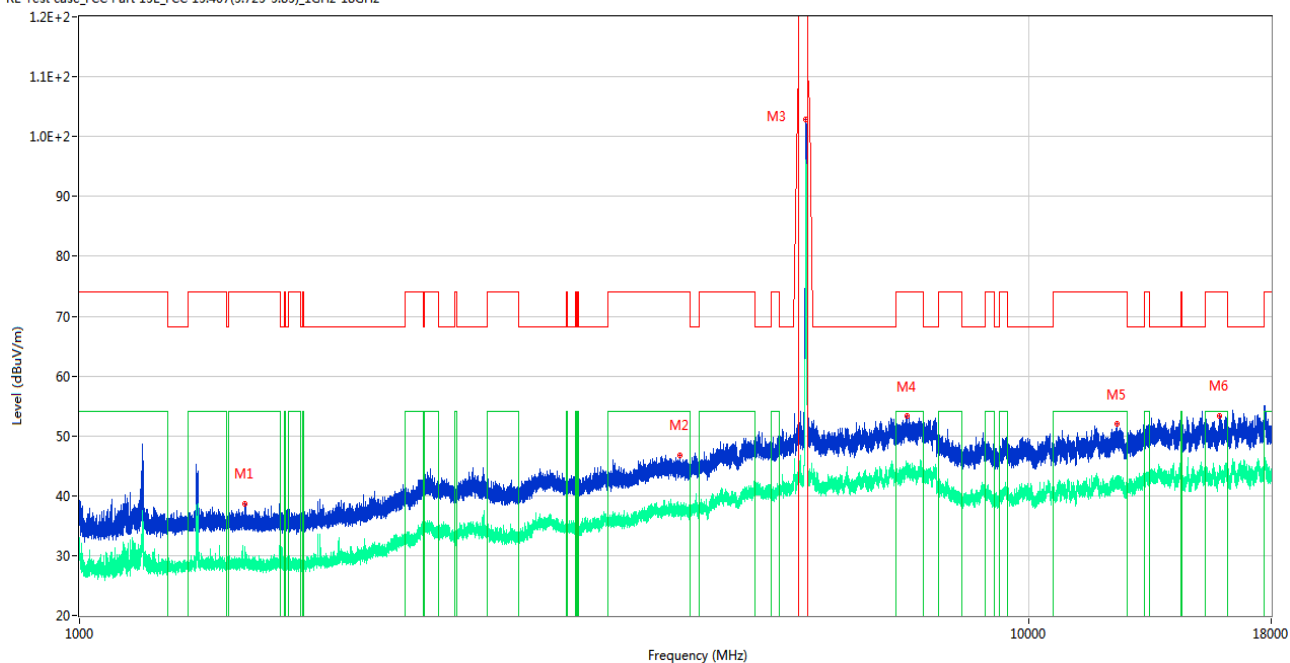
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.700	38.18	74.0	35.82	Peak	103.00	300	Horizontal	Pass
1**	1516.700	29.40	54.0	24.60	AV	103.00	300	Horizontal	Pass
2	4207.750	47.19	74.0	26.81	Peak	360.00	300	Horizontal	Pass
2**	4207.750	37.85	54.0	16.15	AV	360.00	300	Horizontal	Pass
3	5825.750	106.61	--	--	Peak	18.00	200	Horizontal	N/A
3**	5825.750	97.88	--	--	AV	18.00	200	Horizontal	N/A
4	7430.750	54.21	74.0	19.79	Peak	130.00	400	Horizontal	Pass
4**	7430.750	44.46	54.0	9.54	AV	130.00	400	Horizontal	Pass
5	11646.812	51.21	74.0	22.79	Peak	43.00	200	Horizontal	Pass
5**	11646.812	42.53	54.0	11.47	AV	43.00	200	Horizontal	Pass
6	16090.838	53.08	74.0	20.92	Peak	203.00	100	Horizontal	Pass
6**	16090.838	43.84	54.0	10.16	AV	203.00	100	Horizontal	Pass

11a, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

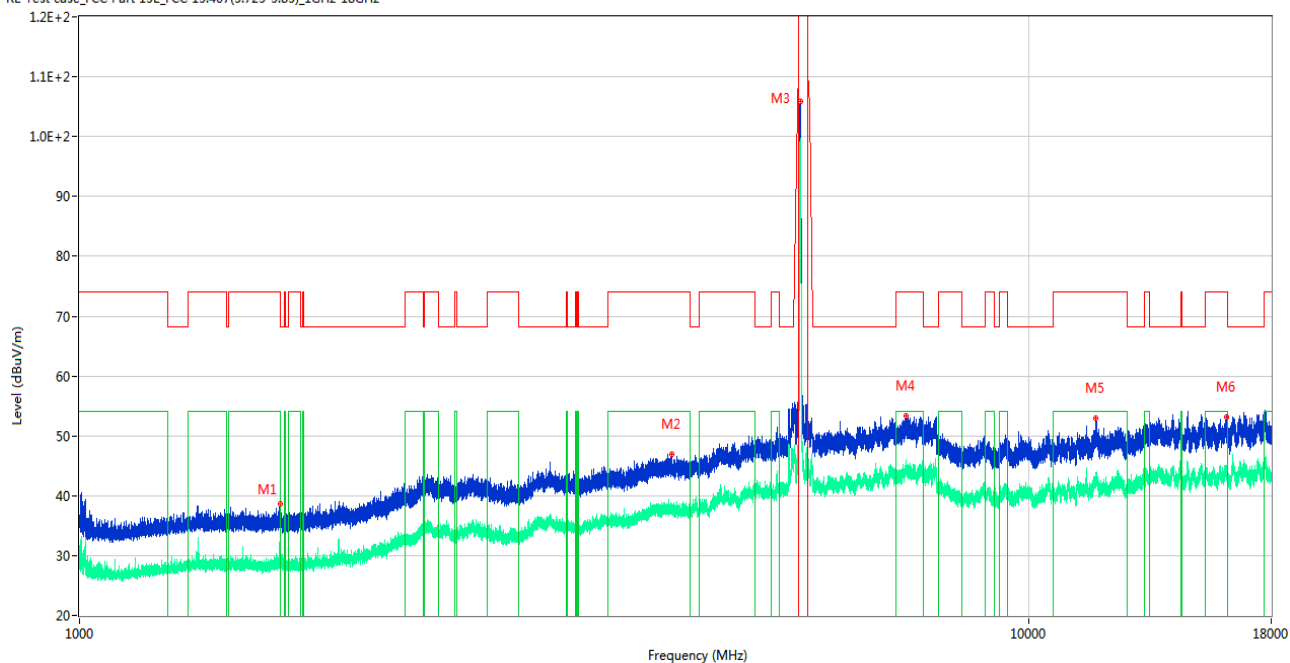
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.300	38.71	74.0	35.29	Peak	291.00	100	Vertical	Pass
1**	1494.300	28.67	54.0	25.33	AV	291.00	100	Vertical	Pass
2	4285.000	46.83	74.0	27.17	Peak	333.00	200	Vertical	Pass
2**	4285.000	36.88	54.0	17.12	AV	333.00	200	Vertical	Pass
3	5823.250	102.84	--	--	Peak	173.00	100	Vertical	N/A
3**	5823.250	95.77	--	--	AV	173.00	100	Vertical	N/A
4	7436.250	53.27	74.0	20.73	Peak	106.00	400	Vertical	Pass
4**	7436.250	43.97	54.0	10.03	AV	106.00	400	Vertical	Pass
5	12397.312	51.92	74.0	22.08	Peak	235.00	150	Vertical	Pass
5**	12397.312	43.16	54.0	10.84	AV	235.00	150	Vertical	Pass
6	15896.849	53.37	74.0	20.63	Peak	14.00	400	Vertical	Pass
6**	15896.849	44.56	54.0	9.44	AV	14.00	400	Vertical	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

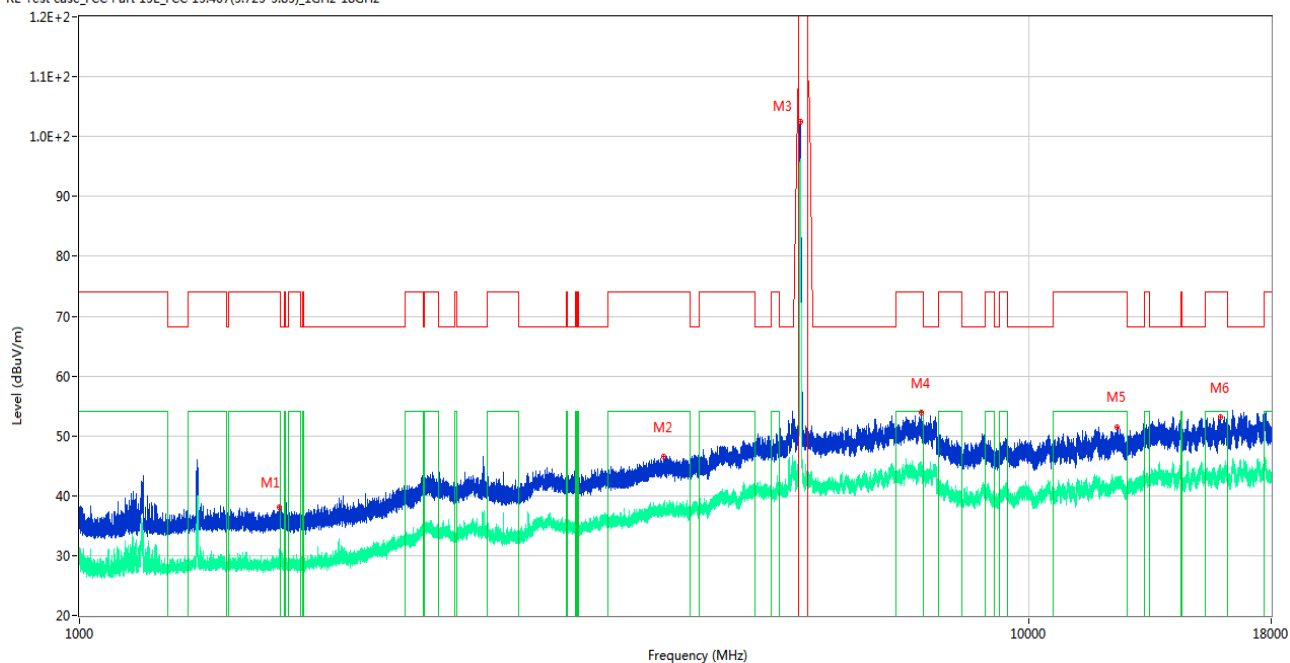
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.600	38.60	74.0	35.40	Peak	312.00	100	Horizontal	Pass
1**	1625.600	30.02	54.0	23.98	AV	312.00	100	Horizontal	Pass
2	4207.250	46.99	74.0	27.01	Peak	198.00	100	Horizontal	Pass
2**	4207.250	37.99	54.0	16.01	AV	198.00	100	Horizontal	Pass
3	5752.250	105.88	--	--	Peak	242.00	100	Horizontal	N/A
3**	5752.250	99.25	--	--	AV	242.00	100	Horizontal	N/A
4	7430.750	53.42	74.0	20.58	Peak	334.00	200	Horizontal	Pass
4**	7430.750	45.45	54.0	8.55	AV	334.00	200	Horizontal	Pass
5	11769.362	53.01	74.0	20.99	Peak	360.00	100	Horizontal	Pass
5**	11769.362	41.60	54.0	12.40	AV	360.00	100	Horizontal	Pass
6	16138.350	53.23	74.0	20.77	Peak	0.00	100	Horizontal	Pass
6**	16138.350	44.48	54.0	9.52	AV	0.00	100	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

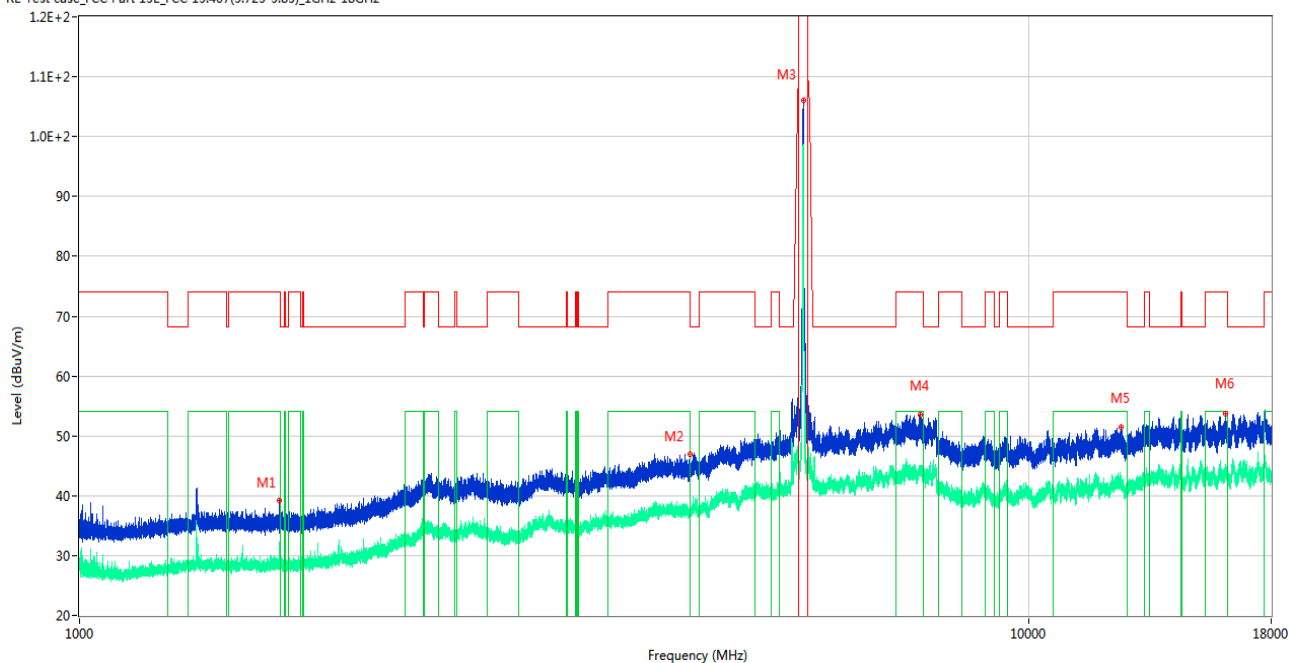
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.800	38.11	74.0	35.89	Peak	19.00	400	Vertical	Pass
1**	1624.800	29.88	54.0	24.12	AV	19.00	400	Vertical	Pass
2	4127.250	46.52	74.0	27.48	Peak	110.00	400	Vertical	Pass
2**	4127.250	37.61	54.0	16.39	AV	110.00	400	Vertical	Pass
3	5752.000	102.48	--	--	Peak	336.00	150	Vertical	N/A
3**	5752.000	95.39	--	--	AV	336.00	150	Vertical	N/A
4	7705.000	53.83	74.0	20.17	Peak	224.00	200	Vertical	Pass
4**	7705.000	44.39	54.0	9.61	AV	224.00	200	Vertical	Pass
5	12391.612	51.48	74.0	22.52	Peak	356.00	100	Vertical	Pass
5**	12391.612	41.96	54.0	12.04	AV	356.00	100	Vertical	Pass
6	15924.150	53.07	74.0	20.93	Peak	341.00	100	Vertical	Pass
6**	15924.150	44.20	54.0	9.80	AV	341.00	100	Vertical	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

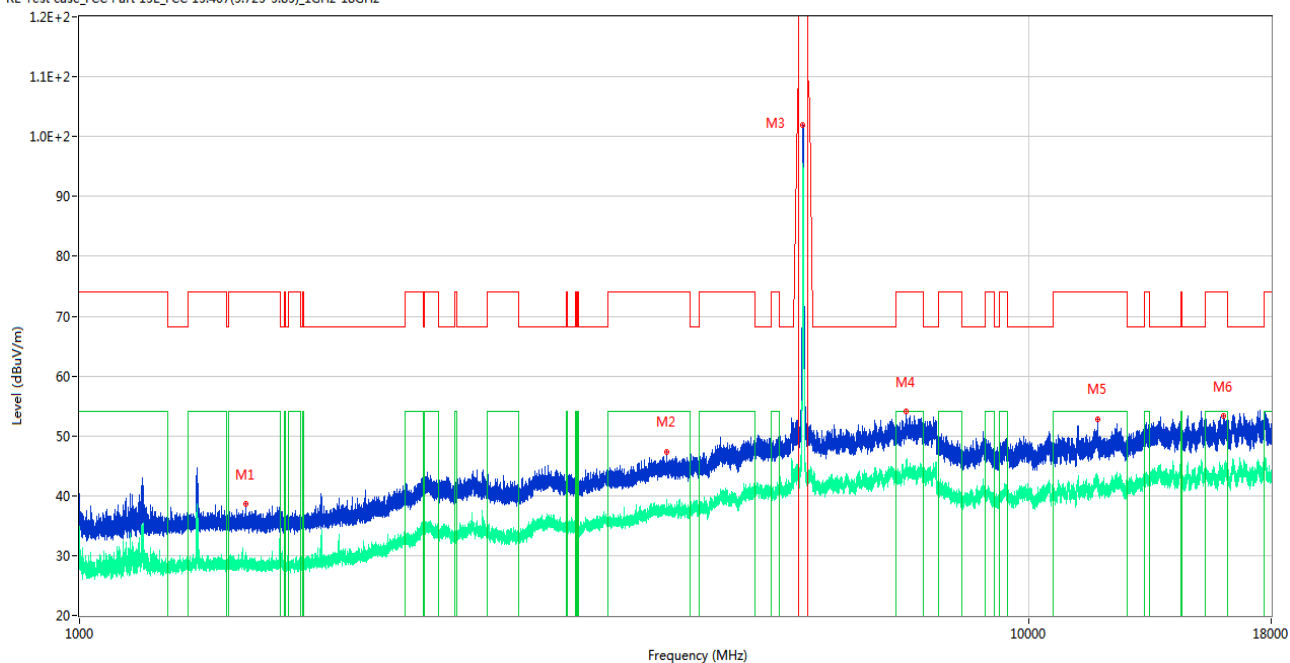
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.900	39.23	74.0	34.77	Peak	342.00	300	Horizontal	Pass
1**	1624.900	31.68	54.0	22.32	AV	342.00	300	Horizontal	Pass
2	4394.500	47.00	74.0	27.00	Peak	130.00	400	Horizontal	Pass
2**	4394.500	37.96	54.0	16.04	AV	130.00	400	Horizontal	Pass
3	5792.500	106.11	--	--	Peak	84.00	150	Horizontal	N/A
3**	5792.500	97.86	--	--	AV	84.00	150	Horizontal	N/A
4	7693.500	53.50	74.0	20.50	Peak	108.00	100	Horizontal	Pass
4**	7693.500	44.09	54.0	9.91	AV	108.00	100	Horizontal	Pass
5	12501.338	51.38	74.0	22.62	Peak	167.00	200	Horizontal	Pass
5**	12501.338	43.37	54.0	10.63	AV	167.00	200	Horizontal	Pass
6	16108.687	53.71	74.0	20.29	Peak	108.00	100	Horizontal	Pass
6**	16108.687	43.81	54.0	10.19	AV	108.00	100	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

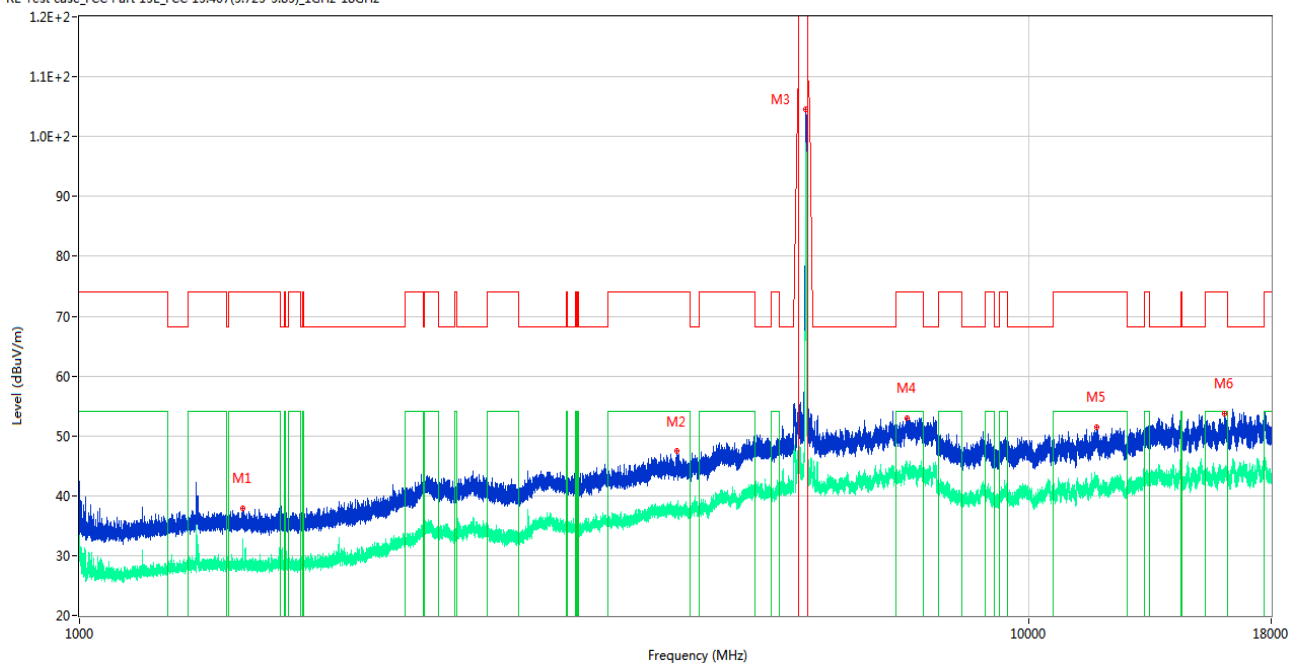
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.900	38.59	74.0	35.41	Peak	323.00	100	Vertical	Pass
1**	1497.900	28.90	54.0	25.10	AV	323.00	100	Vertical	Pass
2	4150.750	47.39	74.0	26.61	Peak	62.00	400	Vertical	Pass
2**	4150.750	38.52	54.0	15.48	AV	62.00	400	Vertical	Pass
3	5779.250	101.96	--	--	Peak	40.00	150	Vertical	N/A
3**	5779.250	93.02	--	--	AV	40.00	150	Vertical	N/A
4	7430.250	54.00	74.0	20.00	Peak	312.00	200	Vertical	Pass
4**	7430.250	44.79	54.0	9.21	AV	312.00	200	Vertical	Pass
5	11805.700	52.85	74.0	21.15	Peak	346.00	100	Vertical	Pass
5**	11805.700	42.27	54.0	11.73	AV	346.00	100	Vertical	Pass
6	16028.888	53.27	74.0	20.73	Peak	350.00	200	Vertical	Pass
6**	16028.888	42.68	54.0	11.32	AV	350.00	200	Vertical	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

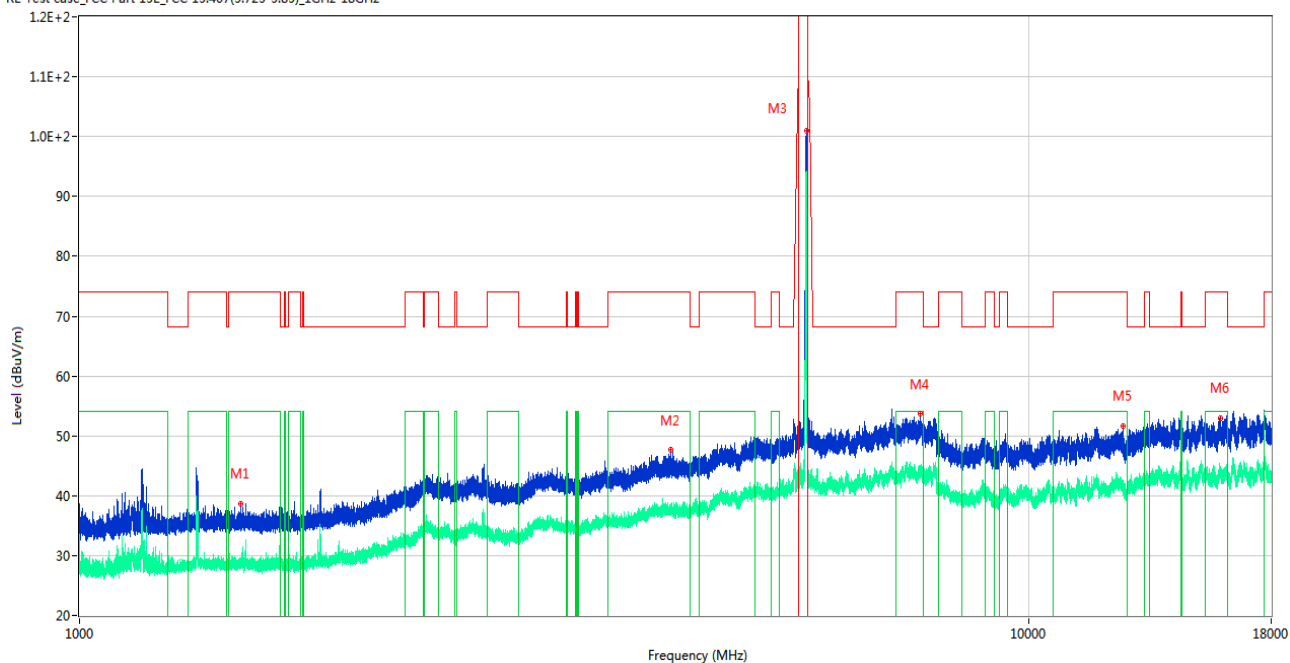
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	37.90	74.0	36.10	Peak	133.00	300	Horizontal	Pass
1**	1484.800	30.96	54.0	23.04	AV	133.00	300	Horizontal	Pass
2	4255.750	47.47	74.0	26.53	Peak	268.00	400	Horizontal	Pass
2**	4255.750	38.21	54.0	15.79	AV	268.00	400	Horizontal	Pass
3	5826.000	104.54	--	--	Peak	18.00	100	Horizontal	N/A
3**	5826.000	95.54	--	--	AV	18.00	100	Horizontal	N/A
4	7442.000	53.01	74.0	20.99	Peak	40.00	200	Horizontal	Pass
4**	7442.000	44.37	54.0	9.63	AV	40.00	200	Horizontal	Pass
5	11781.713	51.47	74.0	22.53	Peak	360.00	150	Horizontal	Pass
5**	11781.713	42.66	54.0	11.34	AV	360.00	150	Horizontal	Pass
6	16066.688	53.72	74.0	20.28	Peak	242.00	300	Horizontal	Pass
6**	16066.688	44.21	54.0	9.79	AV	242.00	300	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

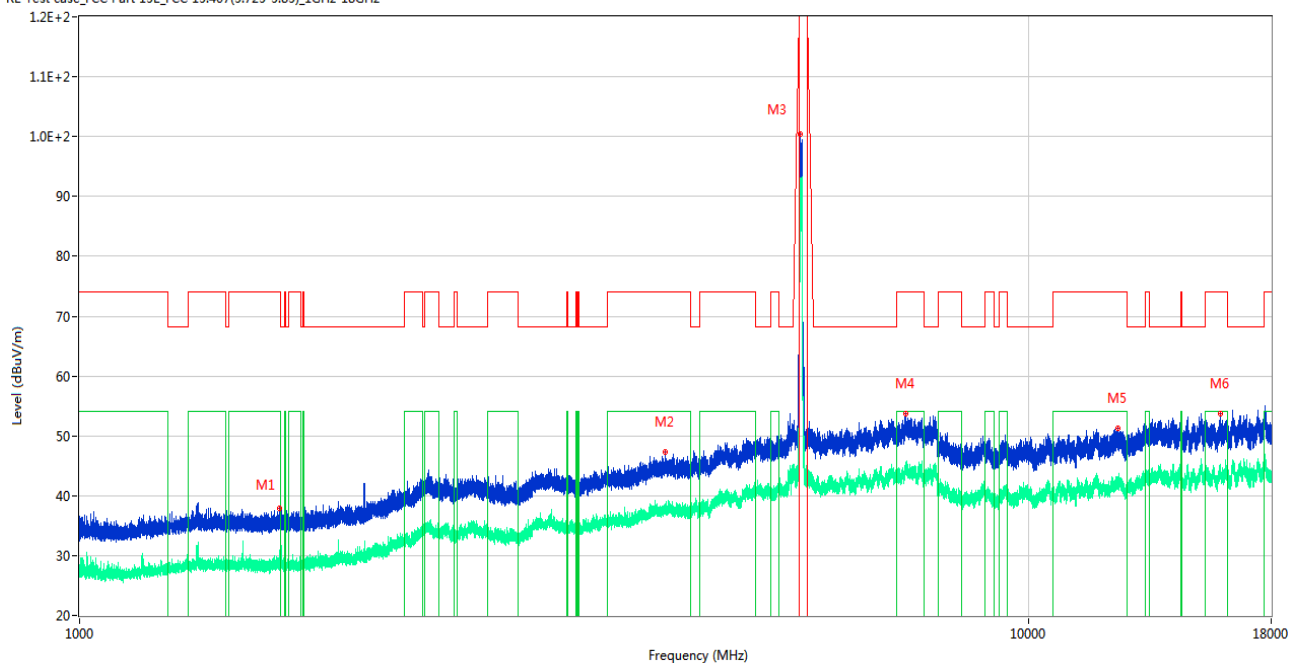
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1476.900	38.69	74.0	35.31	Peak	154.00	100	Vertical	Pass
1**	1476.900	28.26	54.0	25.74	AV	154.00	100	Vertical	Pass
2	4200.250	47.64	74.0	26.36	Peak	360.00	300	Vertical	Pass
2**	4200.250	37.57	54.0	16.43	AV	360.00	300	Vertical	Pass
3	5830.000	100.92	--	--	Peak	43.00	150	Vertical	N/A
3**	5830.000	92.27	--	--	AV	43.00	150	Vertical	N/A
4	7689.750	53.64	74.0	20.36	Peak	135.00	400	Vertical	Pass
4**	7689.750	44.29	54.0	9.71	AV	135.00	400	Vertical	Pass
5	12559.762	51.67	74.0	22.33	Peak	314.00	100	Vertical	Pass
5**	12559.762	41.25	54.0	12.75	AV	314.00	100	Vertical	Pass
6	15907.875	53.02	74.0	20.98	Peak	103.00	400	Vertical	Pass
6**	15907.875	43.70	54.0	10.30	AV	103.00	400	Vertical	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

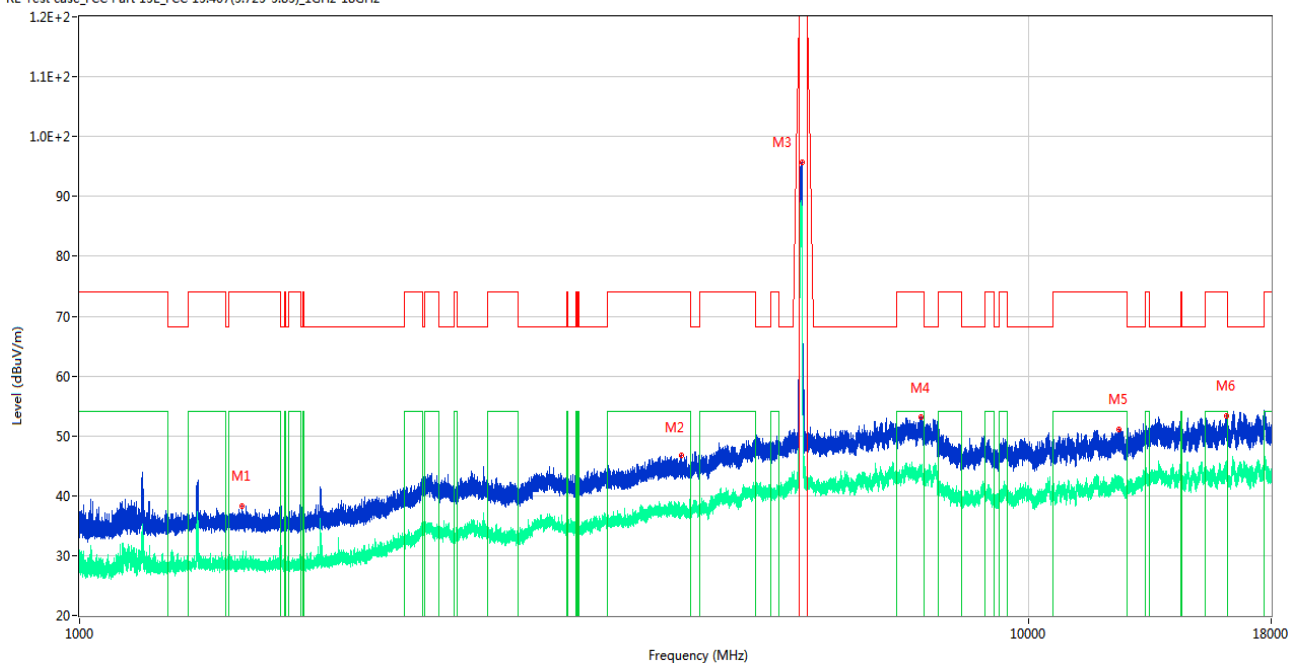
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.800	37.98	74.0	36.02	Peak	332.00	300	Horizontal	Pass
1**	1624.800	29.86	54.0	24.14	AV	332.00	300	Horizontal	Pass
2	4138.000	47.36	74.0	26.64	Peak	86.00	200	Horizontal	Pass
2**	4138.000	37.28	54.0	16.72	AV	86.00	200	Horizontal	Pass
3	5738.000	100.41	--	--	Peak	244.00	200	Horizontal	N/A
3**	5738.000	91.92	--	--	AV	244.00	200	Horizontal	N/A
4	7426.500	53.78	74.0	20.22	Peak	64.00	200	Horizontal	Pass
4**	7426.500	44.83	54.0	9.17	AV	64.00	200	Horizontal	Pass
5	12402.775	51.26	74.0	22.74	Peak	329.00	150	Horizontal	Pass
5**	12402.775	42.61	54.0	11.39	AV	329.00	150	Horizontal	Pass
6	15897.113	53.79	74.0	20.21	Peak	345.00	100	Horizontal	Pass
6**	15897.113	44.00	54.0	10.00	AV	345.00	100	Horizontal	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

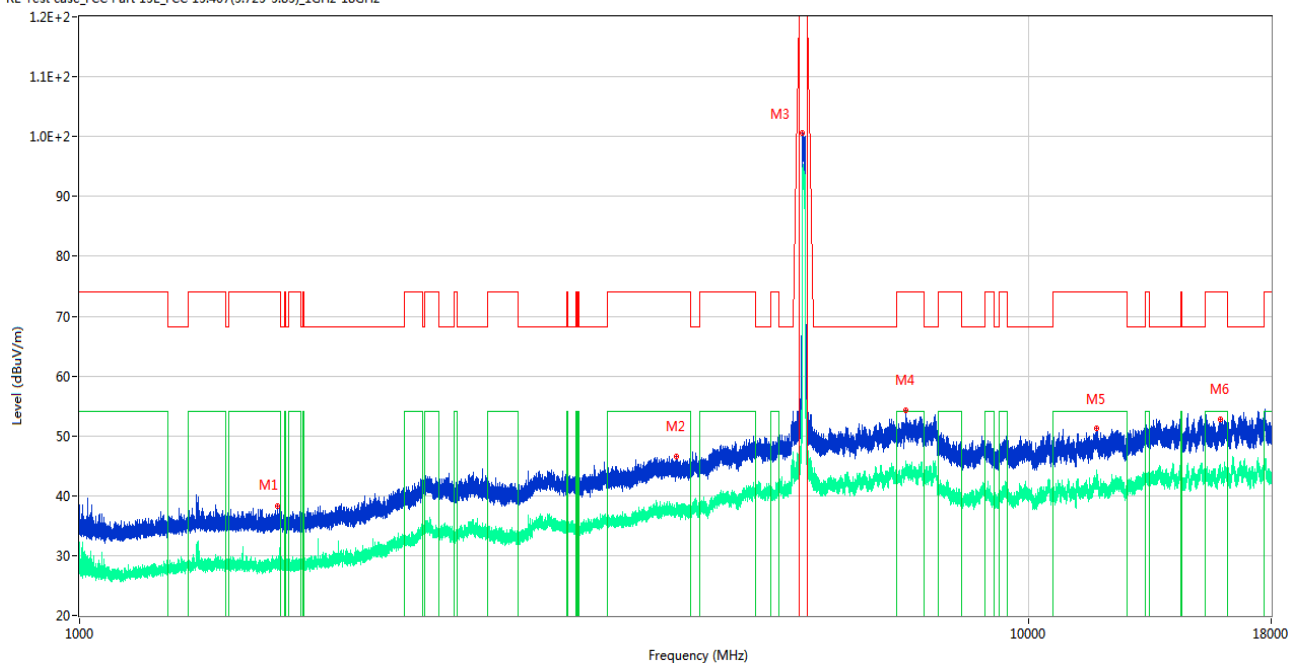
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1482.500	38.33	74.0	35.67	Peak	135.00	200	Vertical	Pass
1**	1482.500	28.29	54.0	25.71	AV	135.00	200	Vertical	Pass
2	4301.000	46.68	74.0	27.32	Peak	338.00	100	Vertical	Pass
2**	4301.000	36.91	54.0	17.09	AV	338.00	100	Vertical	Pass
3	5768.250	95.67	--	--	Peak	132.00	200	Vertical	N/A
3**	5768.250	88.39	--	--	AV	132.00	200	Vertical	N/A
4	7705.000	53.08	74.0	20.92	Peak	314.00	300	Vertical	Pass
4**	7705.000	44.40	54.0	9.60	AV	314.00	300	Vertical	Pass
5	12455.737	51.08	74.0	22.92	Peak	215.00	150	Vertical	Pass
5**	12455.737	42.05	54.0	11.95	AV	215.00	150	Vertical	Pass
6	16154.888	53.42	74.0	20.58	Peak	174.00	200	Vertical	Pass
6**	16154.888	42.87	54.0	11.13	AV	174.00	200	Vertical	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

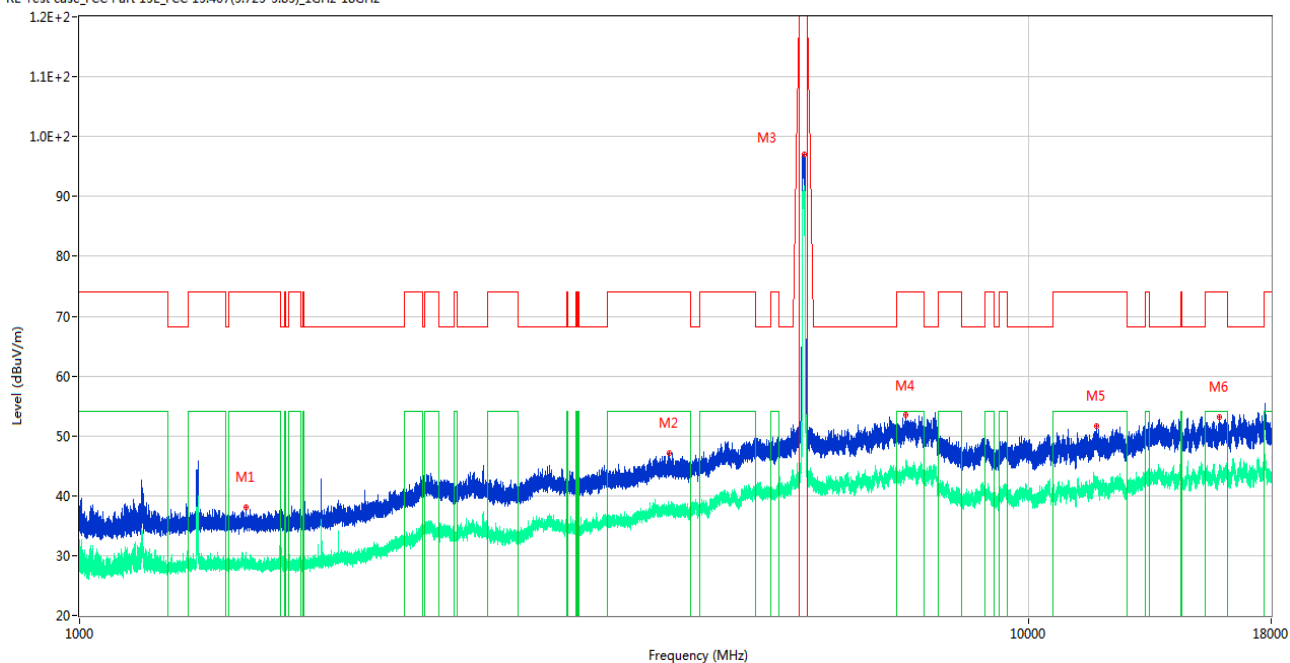
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1614.300	38.23	74.0	35.77	Peak	165.00	400	Horizontal	Pass
1**	1614.300	28.03	54.0	25.97	AV	165.00	400	Horizontal	Pass
2	4251.000	46.60	74.0	27.40	Peak	319.00	300	Horizontal	Pass
2**	4251.000	37.94	54.0	16.06	AV	319.00	300	Horizontal	Pass
3	5778.250	100.65	--	--	Peak	228.00	100	Horizontal	N/A
3**	5778.250	92.64	--	--	AV	228.00	100	Horizontal	N/A
4	7419.750	54.33	74.0	19.67	Peak	342.00	300	Horizontal	Pass
4**	7419.750	44.49	54.0	9.51	AV	342.00	300	Horizontal	Pass
5	11778.150	51.17	74.0	22.83	Peak	202.00	100	Horizontal	Pass
5**	11778.150	42.81	54.0	11.19	AV	202.00	100	Horizontal	Pass
6	15909.713	52.78	74.0	21.22	Peak	318.00	200	Horizontal	Pass
6**	15909.713	43.73	54.0	10.27	AV	318.00	200	Horizontal	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

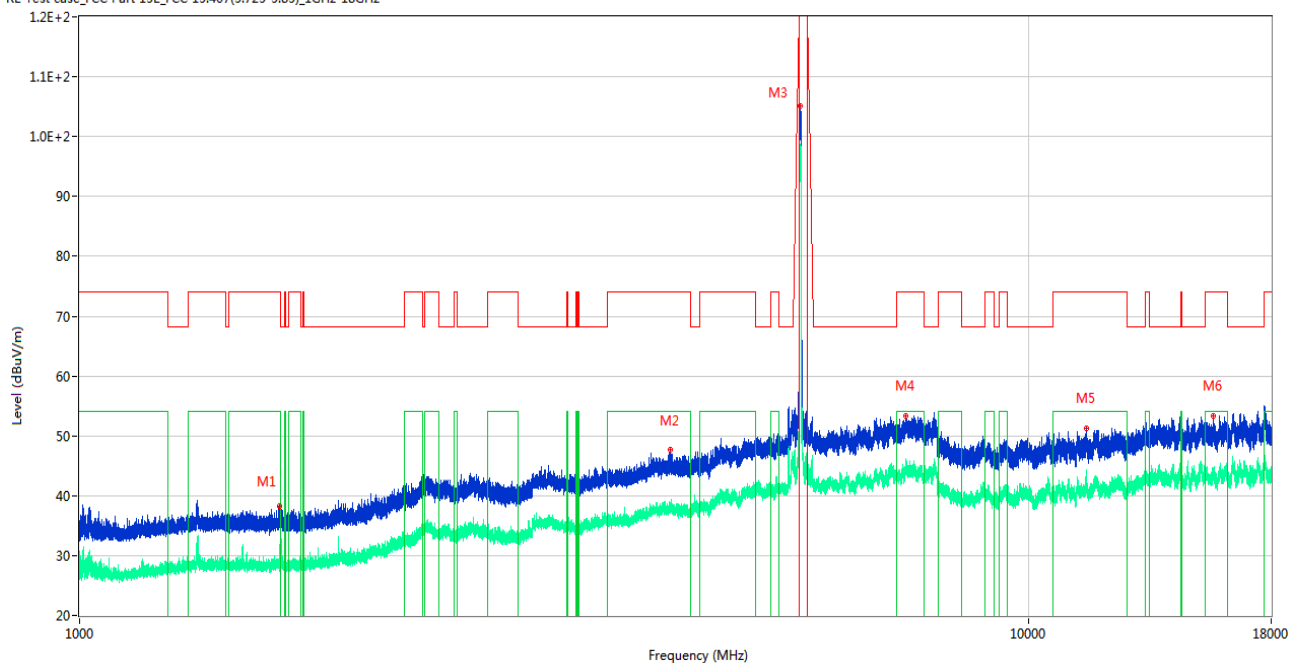
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.000	38.10	74.0	35.90	Peak	106.00	200	Vertical	Pass
1**	1499.000	30.62	54.0	23.38	AV	106.00	200	Vertical	Pass
2	4178.500	47.20	74.0	26.80	Peak	154.00	100	Vertical	Pass
2**	4178.500	37.89	54.0	16.11	AV	154.00	100	Vertical	Pass
3	5798.750	97.08	--	--	Peak	290.00	200	Vertical	N/A
3**	5798.750	91.66	--	--	AV	290.00	200	Vertical	N/A
4	7421.750	53.50	74.0	20.50	Peak	222.00	300	Vertical	Pass
4**	7421.750	44.98	54.0	9.02	AV	222.00	300	Vertical	Pass
5	11788.599	51.65	74.0	22.35	Peak	336.00	200	Vertical	Pass
5**	11788.599	41.99	54.0	12.01	AV	336.00	200	Vertical	Pass
6	15891.599	53.20	74.0	20.80	Peak	253.00	200	Vertical	Pass
6**	15891.599	44.63	54.0	9.37	AV	253.00	200	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

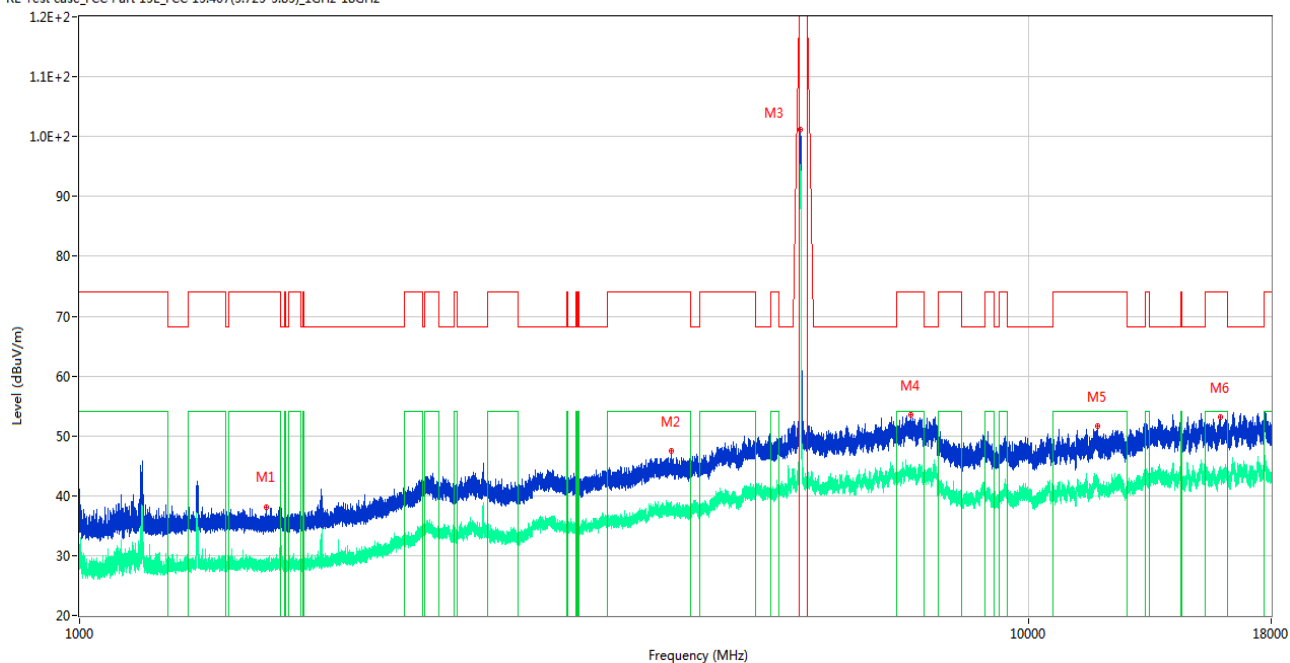
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.500	38.22	74.0	35.78	Peak	215.00	200	Horizontal	Pass
1**	1624.500	29.36	54.0	24.64	AV	215.00	200	Horizontal	Pass
2	4192.750	47.65	74.0	26.35	Peak	360.00	200	Horizontal	Pass
2**	4192.750	38.51	54.0	15.49	AV	360.00	200	Horizontal	Pass
3	5746.250	105.16	--	--	Peak	93.00	150	Horizontal	N/A
3**	5746.250	96.69	--	--	AV	93.00	150	Horizontal	N/A
4	7422.250	53.38	74.0	20.62	Peak	360.00	200	Horizontal	Pass
4**	7422.250	45.50	54.0	8.50	AV	360.00	200	Horizontal	Pass
5	11491.963	51.32	74.0	22.68	Peak	360.00	150	Horizontal	Pass
5**	11491.963	43.47	54.0	10.53	AV	360.00	150	Horizontal	Pass
6	15648.787	53.42	74.0	20.58	Peak	122.00	200	Horizontal	Pass
6**	15648.787	44.19	54.0	9.81	AV	122.00	200	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

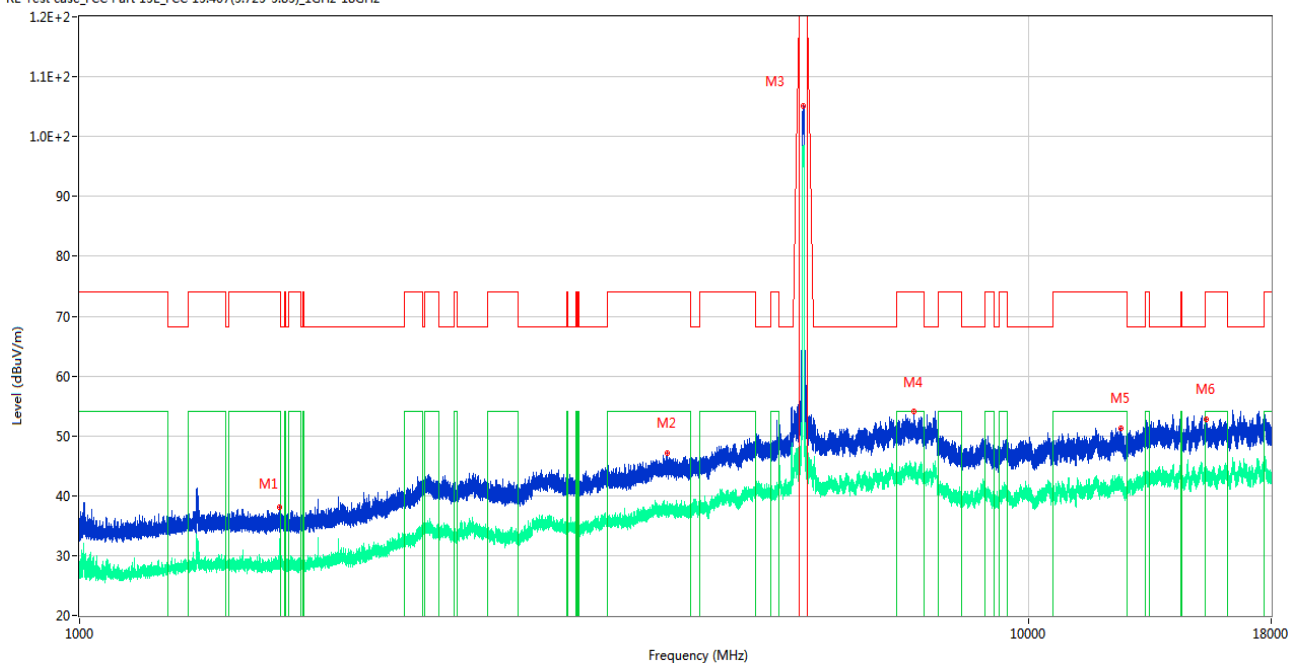
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.500	38.07	74.0	35.93	Peak	6.00	400	Vertical	Pass
1**	1574.500	28.37	54.0	25.63	AV	6.00	400	Vertical	Pass
2	4197.000	47.47	74.0	26.53	Peak	342.00	400	Vertical	Pass
2**	4197.000	37.69	54.0	16.31	AV	342.00	400	Vertical	Pass
3	5740.500	101.07	--	--	Peak	26.00	100	Vertical	N/A
3**	5740.500	94.62	--	--	AV	26.00	100	Vertical	N/A
4	7517.500	53.44	74.0	20.56	Peak	274.00	300	Vertical	Pass
4**	7517.500	43.66	54.0	10.34	AV	274.00	300	Vertical	Pass
5	11807.600	51.55	74.0	22.45	Peak	226.00	200	Vertical	Pass
5**	11807.600	41.76	54.0	12.24	AV	226.00	200	Vertical	Pass
6	15906.562	53.12	74.0	20.88	Peak	242.00	400	Vertical	Pass
6**	15906.562	44.11	54.0	9.89	AV	242.00	400	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

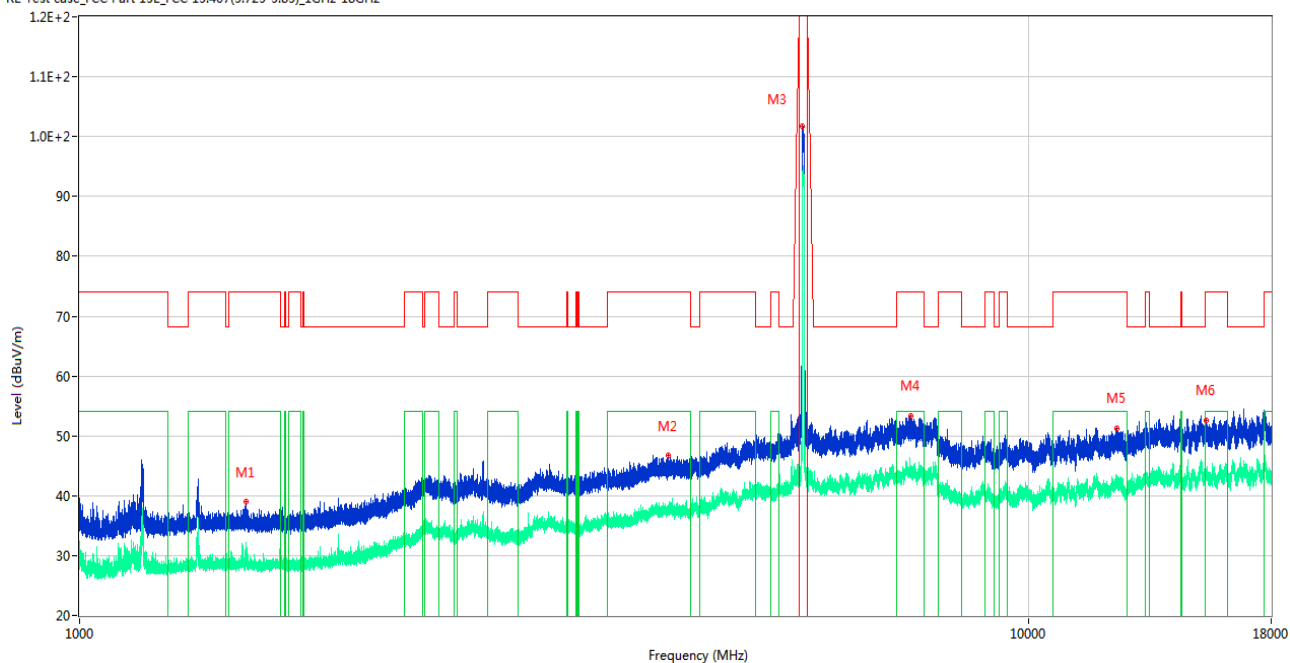
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.000	38.11	74.0	35.89	Peak	324.00	400	Horizontal	Pass
1**	1625.000	32.12	54.0	21.88	AV	324.00	400	Horizontal	Pass
2	4163.250	47.17	74.0	26.83	Peak	164.00	400	Horizontal	Pass
2**	4163.250	37.33	54.0	16.67	AV	164.00	400	Horizontal	Pass
3	5781.000	105.07	--	--	Peak	7.00	200	Horizontal	N/A
3**	5781.000	96.56	--	--	AV	7.00	200	Horizontal	N/A
4	7568.000	54.02	74.0	19.98	Peak	230.00	100	Horizontal	Pass
4**	7568.000	44.71	54.0	9.29	AV	230.00	100	Horizontal	Pass
5	12511.549	51.31	74.0	22.69	Peak	142.00	200	Horizontal	Pass
5**	12511.549	41.58	54.0	12.42	AV	142.00	200	Horizontal	Pass
6	15358.725	52.78	74.0	21.22	Peak	149.00	200	Horizontal	Pass
6**	15358.725	42.89	54.0	11.11	AV	149.00	200	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

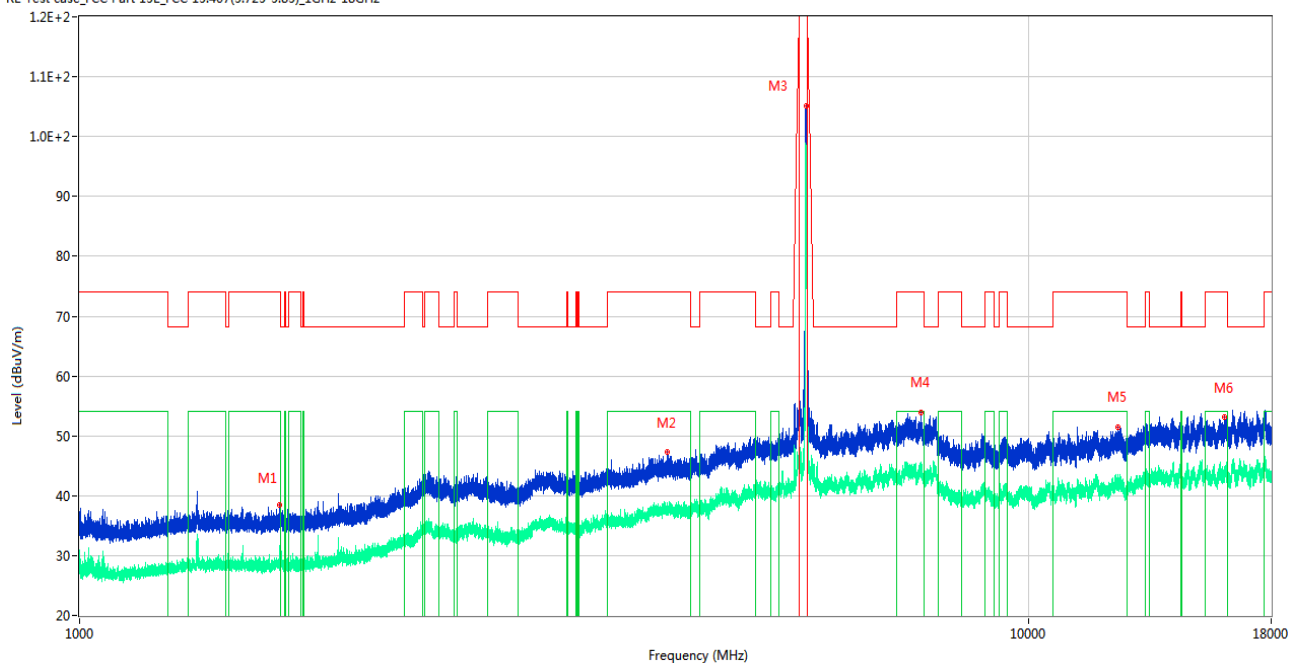
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.700	38.99	74.0	35.01	Peak	183.00	400	Vertical	Pass
1**	1495.700	29.07	54.0	24.93	AV	183.00	400	Vertical	Pass
2	4170.750	46.72	74.0	27.28	Peak	94.00	300	Vertical	Pass
2**	4170.750	37.67	54.0	16.33	AV	94.00	300	Vertical	Pass
3	5778.500	101.79	--	--	Peak	274.00	150	Vertical	N/A
3**	5778.500	93.50	--	--	AV	274.00	150	Vertical	N/A
4	7519.000	53.33	74.0	20.67	Peak	140.00	300	Vertical	Pass
4**	7519.000	44.53	54.0	9.47	AV	140.00	300	Vertical	Pass
5	12376.651	51.30	74.0	22.70	Peak	343.00	200	Vertical	Pass
5**	12376.651	42.27	54.0	11.73	AV	343.00	200	Vertical	Pass
6	15372.900	52.67	74.0	21.33	Peak	292.00	100	Vertical	Pass
6**	15372.900	43.52	54.0	10.48	AV	292.00	100	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

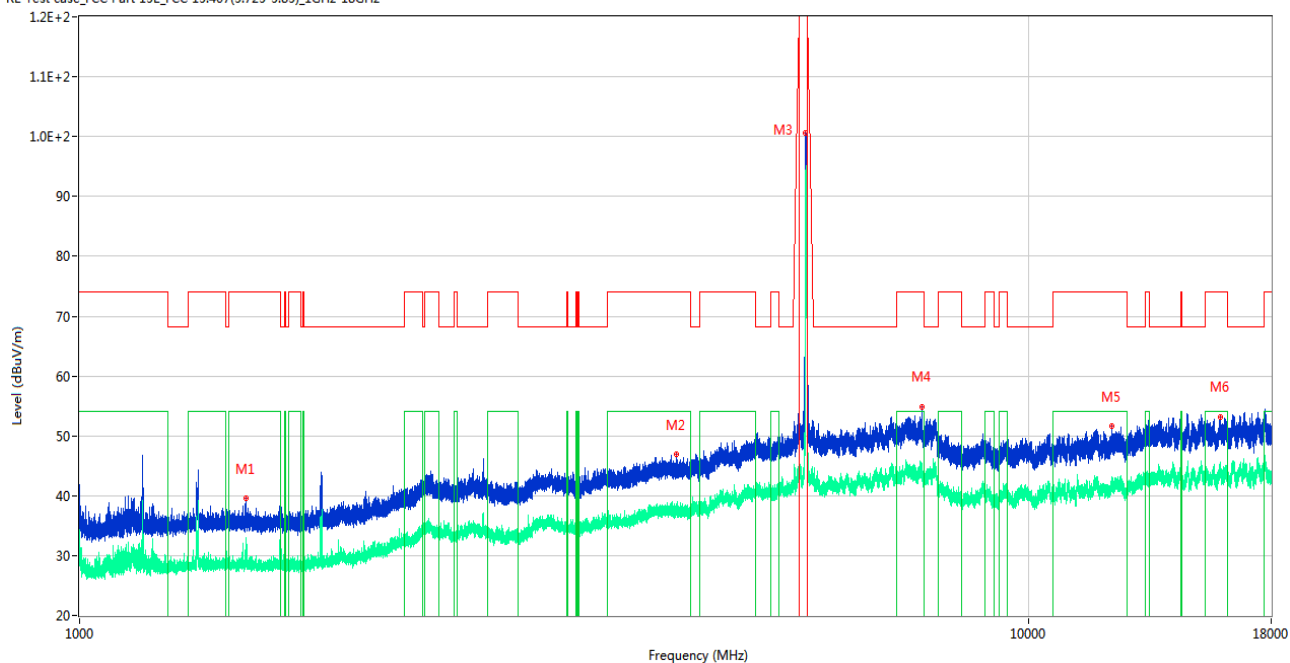
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.200	38.40	74.0	35.60	Peak	134.00	400	Horizontal	Pass
1**	1625.200	31.35	54.0	22.65	AV	134.00	400	Horizontal	Pass
2	4163.500	47.22	74.0	26.78	Peak	26.00	100	Horizontal	Pass
2**	4163.500	38.37	54.0	15.63	AV	26.00	100	Horizontal	Pass
3	5830.750	105.13	--	--	Peak	26.00	100	Horizontal	N/A
3**	5830.750	96.49	--	--	AV	26.00	100	Horizontal	N/A
4	7704.750	53.96	74.0	20.04	Peak	116.00	100	Horizontal	Pass
4**	7704.750	44.93	54.0	9.07	AV	116.00	100	Horizontal	Pass
5	12423.675	51.48	74.0	22.52	Peak	0.00	200	Horizontal	Pass
5**	12423.675	42.47	54.0	11.53	AV	0.00	200	Horizontal	Pass
6	16088.475	53.12	74.0	20.88	Peak	262.00	100	Horizontal	Pass
6**	16088.475	44.12	54.0	9.88	AV	262.00	100	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

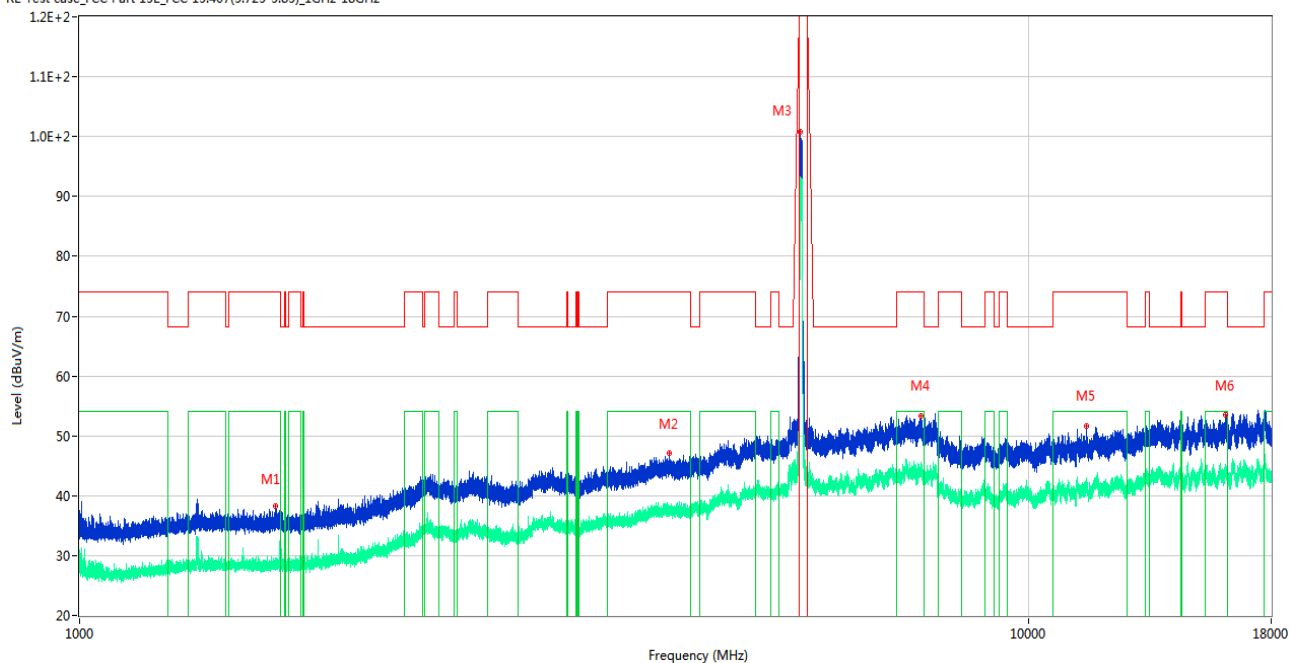
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.600	39.55	74.0	34.45	Peak	269.00	100	Vertical	Pass
1**	1497.600	32.91	54.0	21.09	AV	269.00	100	Vertical	Pass
2	4252.250	46.88	74.0	27.12	Peak	0.00	200	Vertical	Pass
2**	4252.250	37.22	54.0	16.78	AV	0.00	200	Vertical	Pass
3	5820.750	100.67	--	--	Peak	338.00	150	Vertical	N/A
3**	5820.750	93.06	--	--	AV	338.00	150	Vertical	N/A
4	7710.750	54.91	74.0	19.09	Peak	224.00	100	Vertical	Pass
4**	7710.750	45.06	54.0	8.94	AV	224.00	100	Vertical	Pass
5	12230.825	51.60	74.0	22.40	Peak	150.00	200	Vertical	Pass
5**	12230.825	43.24	54.0	10.76	AV	150.00	200	Vertical	Pass
6	15925.724	53.18	74.0	20.82	Peak	139.00	300	Vertical	Pass
6**	15925.724	43.40	54.0	10.60	AV	139.00	300	Vertical	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

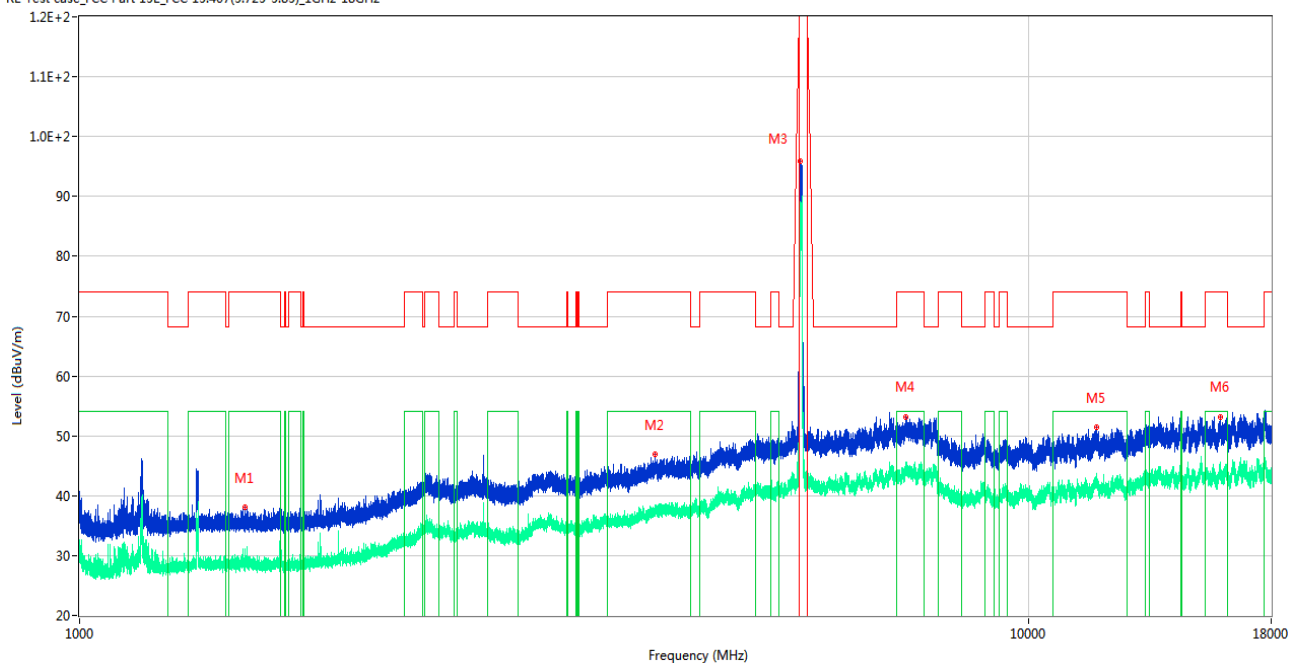
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.000	38.28	74.0	35.72	Peak	237.00	300	Horizontal	Pass
1**	1610.000	29.37	54.0	24.63	AV	237.00	300	Horizontal	Pass
2	4185.000	47.07	74.0	26.93	Peak	338.00	400	Horizontal	Pass
2**	4185.000	37.47	54.0	16.53	AV	338.00	400	Horizontal	Pass
3	5745.500	100.82	--	--	Peak	18.00	200	Horizontal	N/A
3**	5745.500	92.35	--	--	AV	18.00	200	Horizontal	N/A
4	7704.250	53.36	74.0	20.64	Peak	224.00	200	Horizontal	Pass
4**	7704.250	43.81	54.0	10.19	AV	224.00	200	Horizontal	Pass
5	11495.763	51.68	74.0	22.32	Peak	346.00	100	Horizontal	Pass
5**	11495.763	42.00	54.0	12.00	AV	346.00	100	Horizontal	Pass
6	16093.463	53.49	74.0	20.51	Peak	14.00	400	Horizontal	Pass
6**	16093.463	43.18	54.0	10.82	AV	14.00	400	Horizontal	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

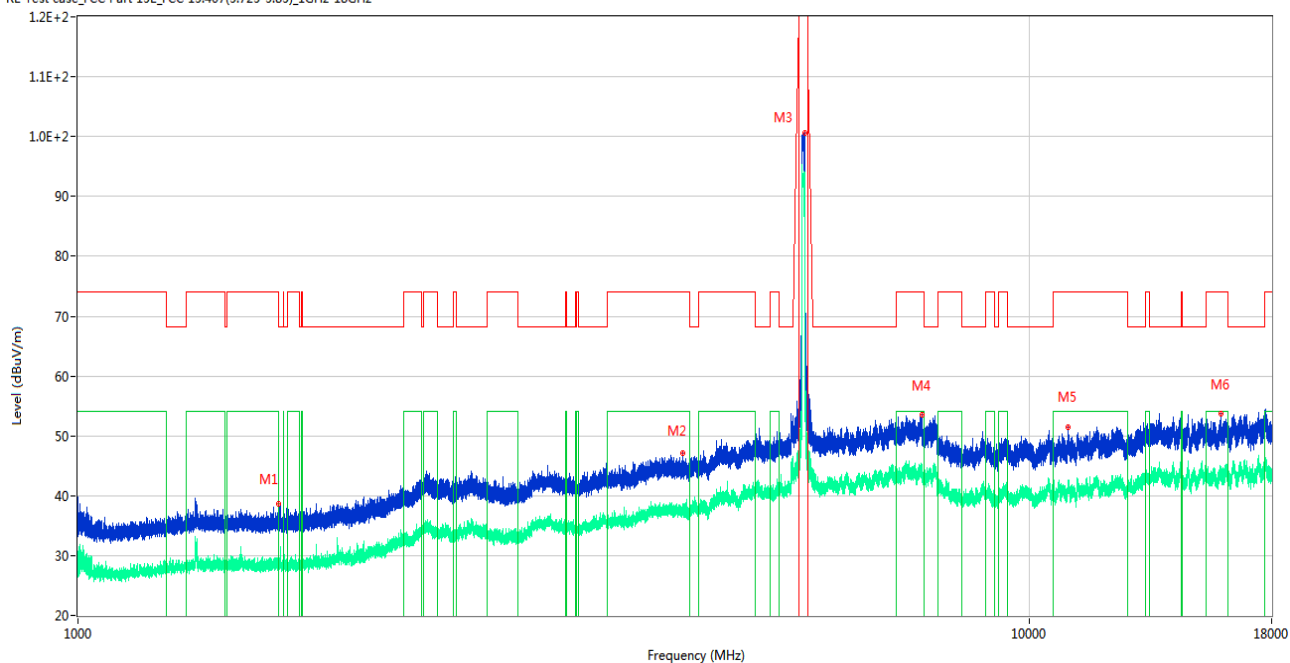
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1492.400	38.06	74.0	35.94	Peak	152.00	300	Vertical	Pass
1**	1492.400	29.17	54.0	24.83	AV	152.00	300	Vertical	Pass
2	4041.000	46.85	74.0	27.15	Peak	314.00	300	Vertical	Pass
2**	4041.000	37.69	54.0	16.31	AV	314.00	300	Vertical	Pass
3	5746.250	95.96	--	--	Peak	64.00	100	Vertical	N/A
3**	5746.250	87.10	--	--	AV	64.00	100	Vertical	N/A
4	7420.000	53.21	74.0	20.79	Peak	314.00	300	Vertical	Pass
4**	7420.000	45.57	54.0	8.43	AV	314.00	300	Vertical	Pass
5	11799.050	51.39	74.0	22.61	Peak	336.00	200	Vertical	Pass
5**	11799.050	42.40	54.0	11.60	AV	336.00	200	Vertical	Pass
6	15913.125	53.21	74.0	20.79	Peak	140.00	100	Vertical	Pass
6**	15913.125	44.03	54.0	9.97	AV	140.00	100	Vertical	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

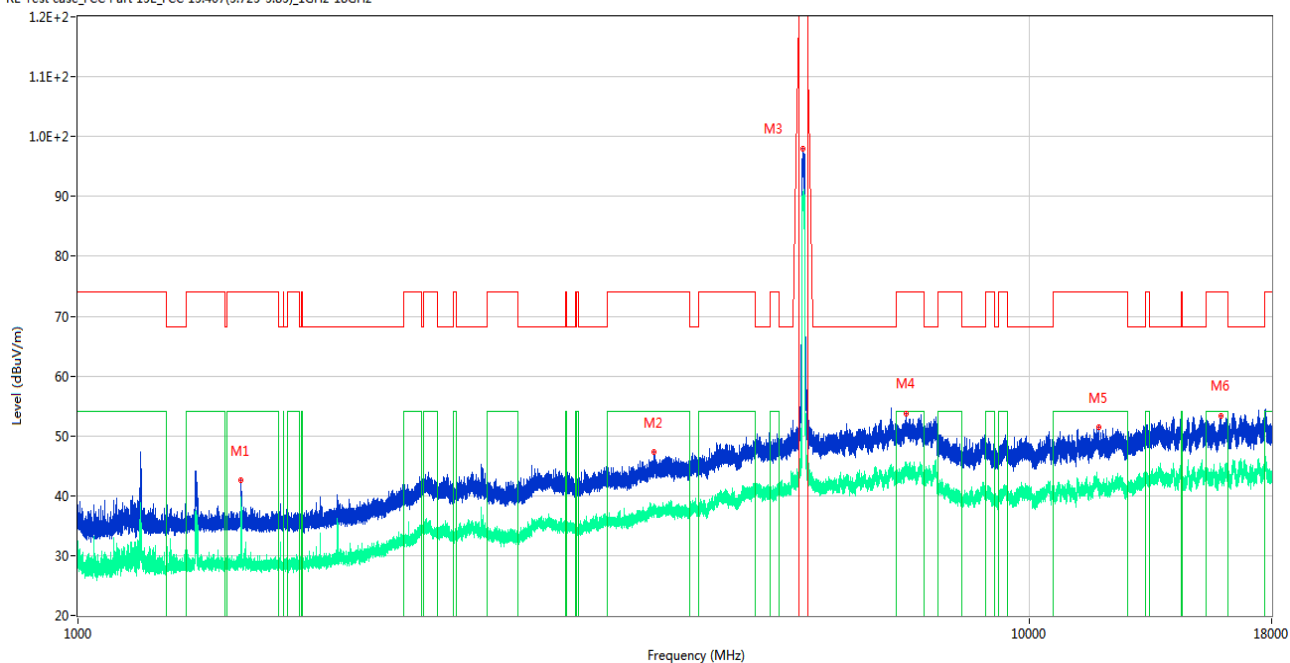
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.400	38.57	74.0	35.43	Peak	38.00	300	Horizontal	Pass
1**	1625.400	30.93	54.0	23.07	AV	38.00	300	Horizontal	Pass
2	4321.250	47.04	74.0	26.96	Peak	86.00	200	Horizontal	Pass
2**	4321.250	38.41	54.0	15.59	AV	86.00	200	Horizontal	Pass
3	5808.250	100.56	--	--	Peak	42.00	100	Horizontal	N/A
3**	5808.250	93.91	--	--	AV	42.00	100	Horizontal	N/A
4	7715.250	53.50	74.0	20.50	Peak	360.00	200	Horizontal	Pass
4**	7715.250	44.09	54.0	9.91	AV	360.00	200	Horizontal	Pass
5	11004.137	51.48	74.0	22.52	Peak	360.00	200	Horizontal	Pass
5**	11004.137	41.44	54.0	12.56	AV	360.00	200	Horizontal	Pass
6	15936.750	53.62	74.0	20.38	Peak	217.00	200	Horizontal	Pass
6**	15936.750	43.39	54.0	10.61	AV	217.00	200	Horizontal	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

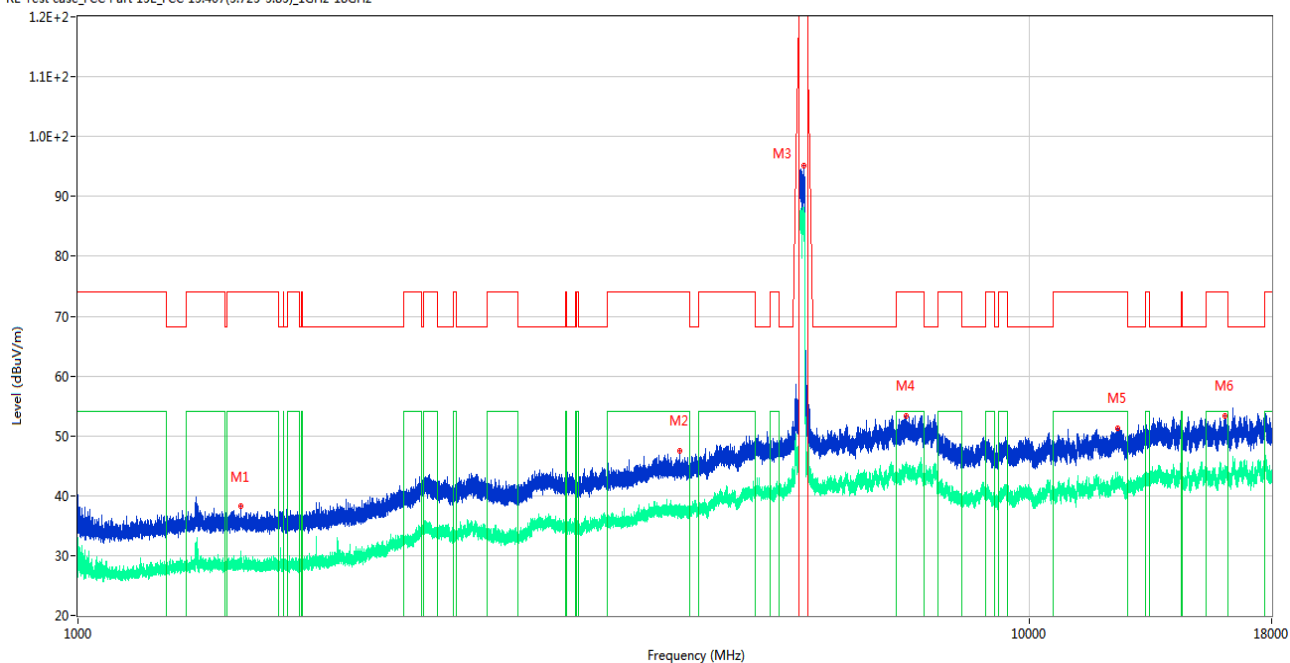
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.100	42.57	74.0	31.43	Peak	360.00	400	Vertical	Pass
1**	1485.100	38.69	54.0	15.31	AV	360.00	400	Vertical	Pass
2	4029.000	47.27	74.0	26.73	Peak	64.00	200	Vertical	Pass
2**	4029.000	37.41	54.0	16.59	AV	64.00	200	Vertical	Pass
3	5789.250	98.00	--	--	Peak	338.00	200	Vertical	N/A
3**	5789.250	88.72	--	--	AV	338.00	200	Vertical	N/A
4	7423.000	53.72	74.0	20.28	Peak	42.00	200	Vertical	Pass
4**	7423.000	44.57	54.0	9.43	AV	42.00	200	Vertical	Pass
5	11843.700	51.43	74.0	22.57	Peak	296.00	150	Vertical	Pass
5**	11843.700	41.68	54.0	12.32	AV	296.00	150	Vertical	Pass
6	15929.138	53.42	74.0	20.58	Peak	94.00	200	Vertical	Pass
6**	15929.138	43.84	54.0	10.16	AV	94.00	200	Vertical	Pass

11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

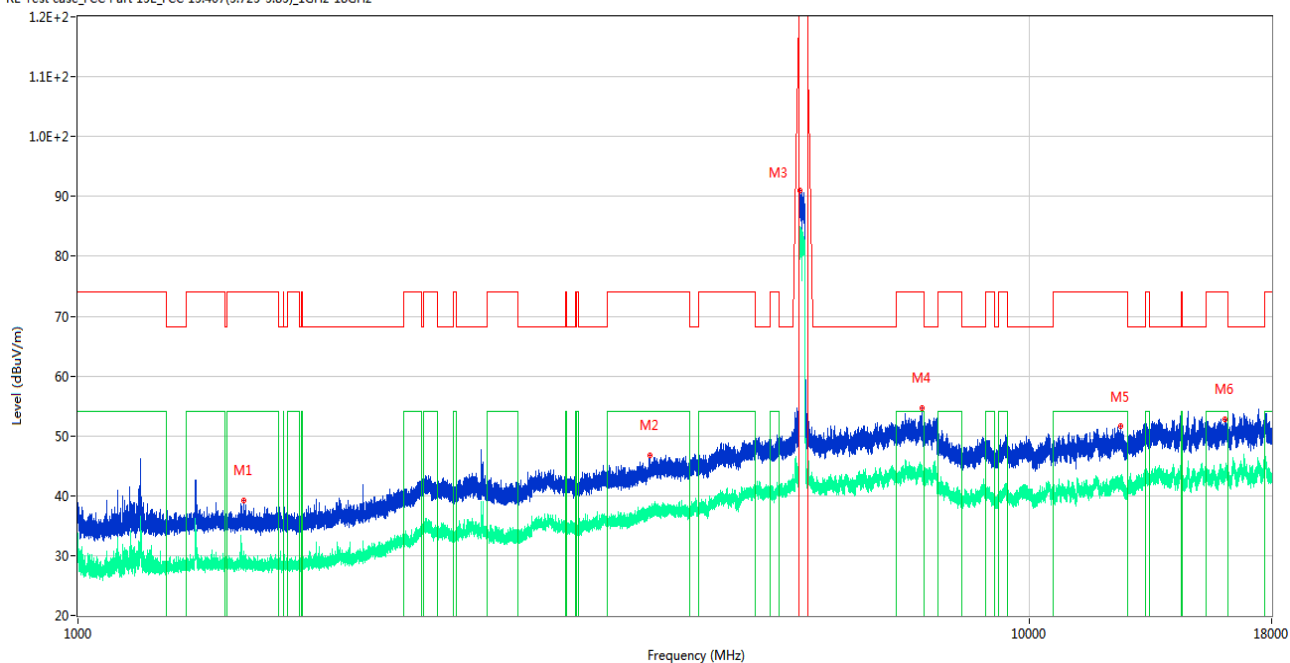
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	38.25	74.0	35.75	Peak	360.00	100	Horizontal	Pass
1**	1485.000	30.53	54.0	23.47	AV	360.00	100	Horizontal	Pass
2	4294.250	47.56	74.0	26.44	Peak	18.00	400	Horizontal	Pass
2**	4294.250	37.40	54.0	16.60	AV	18.00	400	Horizontal	Pass
3	5798.000	95.07	--	--	Peak	42.00	150	Horizontal	N/A
3**	5798.000	88.17	--	--	AV	42.00	150	Horizontal	N/A
4	7431.000	53.34	74.0	20.66	Peak	246.00	200	Horizontal	Pass
4**	7431.000	45.25	54.0	8.75	AV	246.00	200	Horizontal	Pass
5	12406.338	51.26	74.0	22.74	Peak	360.00	100	Horizontal	Pass
5**	12406.338	42.23	54.0	11.77	AV	360.00	100	Horizontal	Pass
6	16091.625	53.35	74.0	20.65	Peak	175.00	100	Horizontal	Pass
6**	16091.625	43.30	54.0	10.70	AV	175.00	100	Horizontal	Pass

11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

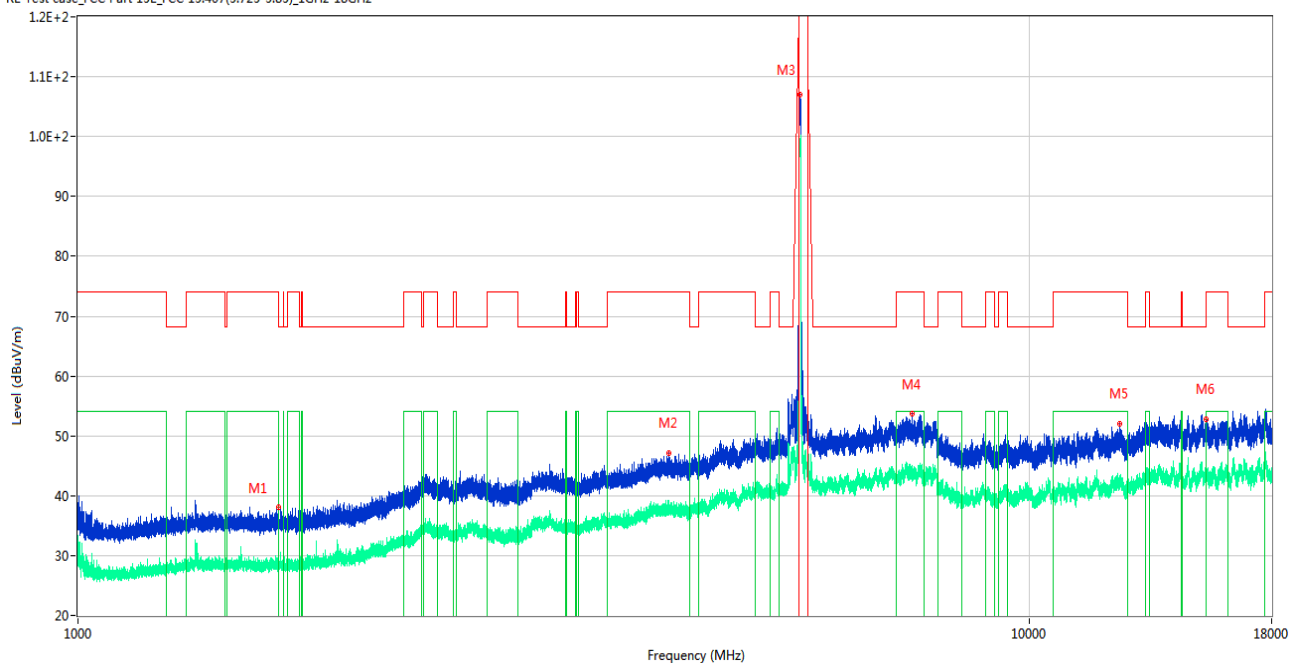
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.000	39.27	74.0	34.73	Peak	290.00	300	Vertical	Pass
1**	1495.000	28.48	54.0	25.52	AV	290.00	300	Vertical	Pass
2	3998.000	46.81	74.0	27.19	Peak	84.00	100	Vertical	Pass
2**	3998.000	37.08	54.0	16.92	AV	84.00	100	Vertical	Pass
3	5744.500	91.07	--	--	Peak	289.00	100	Vertical	N/A
3**	5744.500	84.27	--	--	AV	289.00	100	Vertical	N/A
4	7715.250	54.65	74.0	19.35	Peak	311.00	100	Vertical	Pass
4**	7715.250	44.03	54.0	9.97	AV	311.00	100	Vertical	Pass
5	12490.174	51.57	74.0	22.43	Peak	360.00	200	Vertical	Pass
5**	12490.174	41.92	54.0	12.08	AV	360.00	200	Vertical	Pass
6	16093.987	52.79	74.0	21.21	Peak	65.00	400	Vertical	Pass
6**	16093.987	44.63	54.0	9.37	AV	65.00	400	Vertical	Pass

11ax20(SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

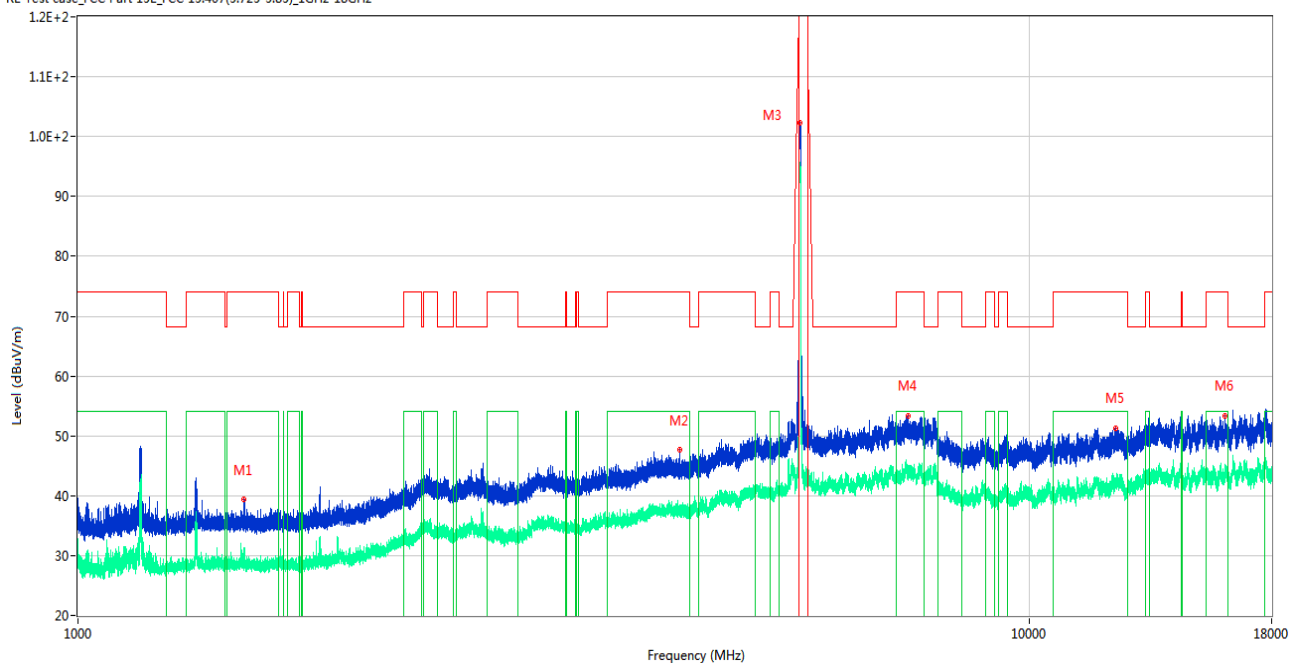
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.900	38.04	74.0	35.96	Peak	6.00	100	Horizontal	Pass
1**	1624.900	32.06	54.0	21.94	AV	6.00	100	Horizontal	Pass
2	4186.250	47.14	74.0	26.86	Peak	360.00	300	Horizontal	Pass
2**	4186.250	37.47	54.0	16.53	AV	360.00	300	Horizontal	Pass
3	5747.500	107.02	--	--	Peak	0.00	150	Horizontal	N/A
3**	5747.500	98.09	--	--	AV	0.00	150	Horizontal	N/A
4	7543.500	53.67	74.0	20.33	Peak	296.00	400	Horizontal	Pass
4**	7543.500	43.30	54.0	10.70	AV	296.00	400	Horizontal	Pass
5	12472.362	52.10	74.0	21.90	Peak	123.00	150	Horizontal	Pass
5**	12472.362	42.57	54.0	11.43	AV	123.00	150	Horizontal	Pass
6	15371.325	52.83	74.0	21.17	Peak	177.00	200	Horizontal	Pass
6**	15371.325	43.81	54.0	10.19	AV	177.00	200	Horizontal	Pass

11ax20(SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

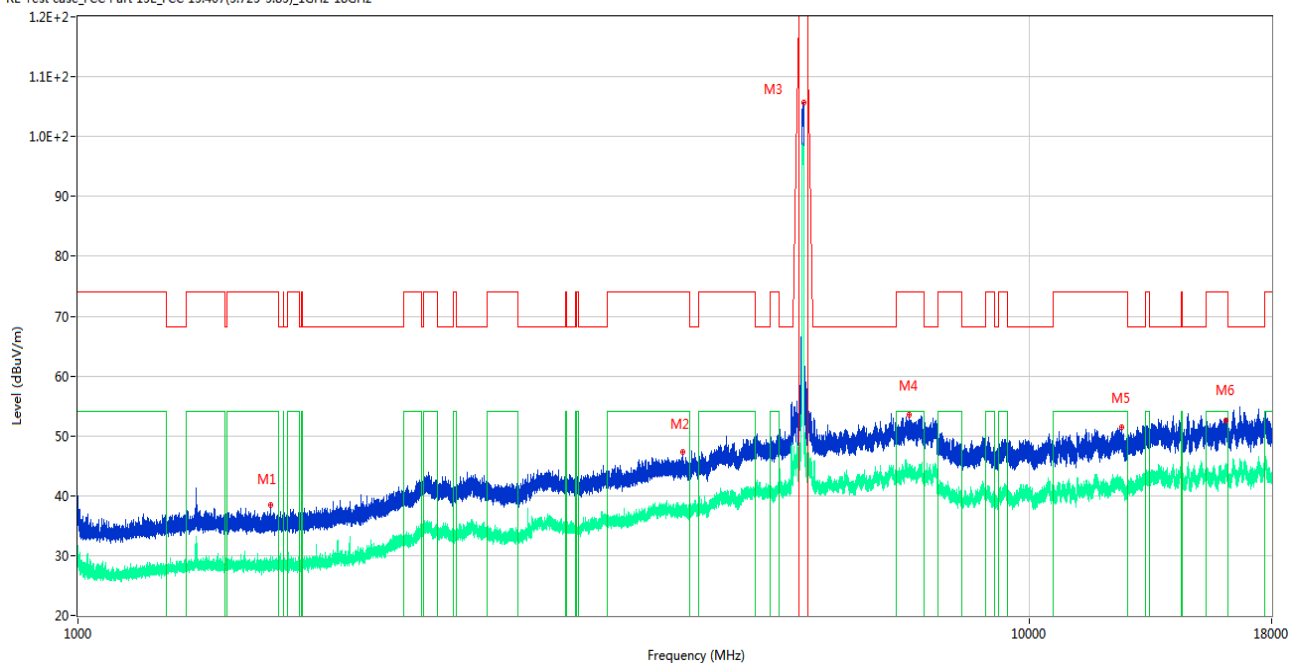
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1493.300	39.32	74.0	34.68	Peak	69.00	300	Vertical	Pass
1**	1493.300	29.07	54.0	24.93	AV	69.00	300	Vertical	Pass
2	4289.000	47.61	74.0	26.39	Peak	360.00	200	Vertical	Pass
2**	4289.000	37.18	54.0	16.82	AV	360.00	200	Vertical	Pass
3	5739.000	102.32	--	--	Peak	290.00	100	Vertical	N/A
3**	5739.000	94.86	--	--	AV	290.00	100	Vertical	N/A
4	7460.000	53.40	74.0	20.60	Peak	110.00	300	Vertical	Pass
4**	7460.000	43.60	54.0	10.40	AV	110.00	300	Vertical	Pass
5	12344.588	51.34	74.0	22.66	Peak	121.00	200	Vertical	Pass
5**	12344.588	42.09	54.0	11.91	AV	121.00	200	Vertical	Pass
6	16079.813	53.41	74.0	20.59	Peak	292.00	200	Vertical	Pass
6**	16079.813	43.33	54.0	10.67	AV	292.00	200	Vertical	Pass

11ax20(SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

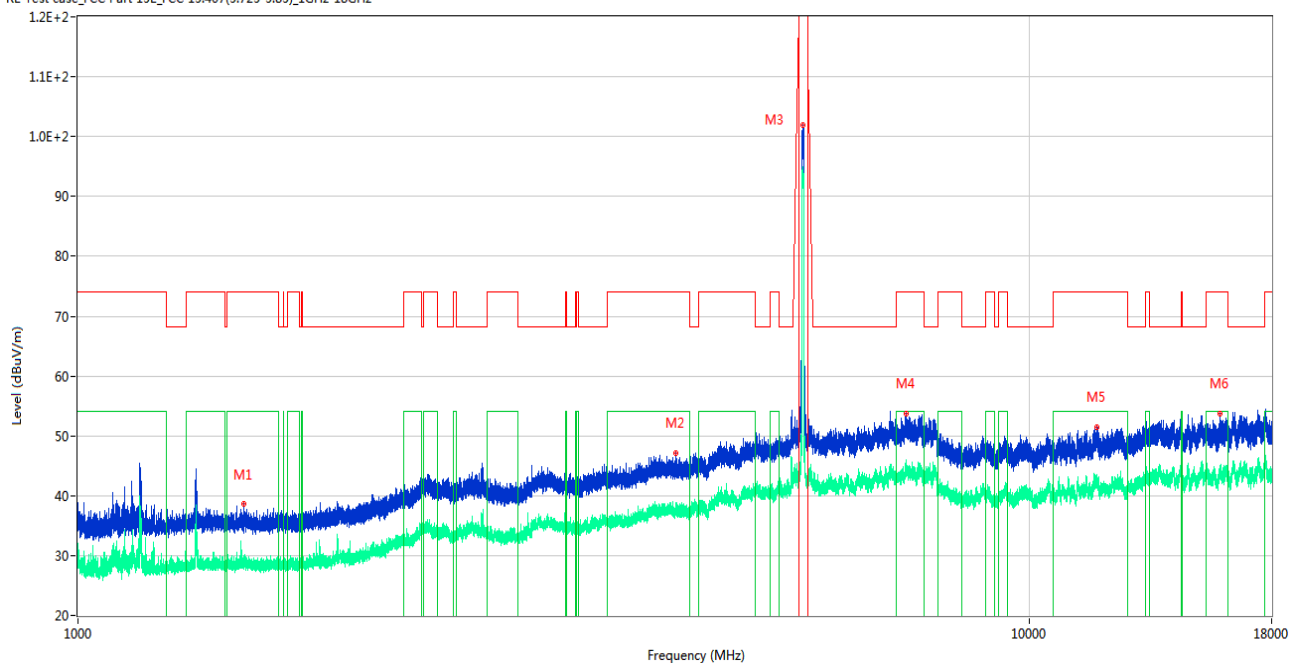
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1592.500	38.37	74.0	35.63	Peak	290.00	100	Horizontal	Pass
1**	1592.500	28.92	54.0	25.08	AV	290.00	100	Horizontal	Pass
2	4326.000	47.22	74.0	26.78	Peak	289.00	100	Horizontal	Pass
2**	4326.000	37.74	54.0	16.26	AV	289.00	100	Horizontal	Pass
3	5793.500	105.72	--	--	Peak	42.00	200	Horizontal	N/A
3**	5793.500	96.29	--	--	AV	42.00	200	Horizontal	N/A
4	7482.750	53.46	74.0	20.54	Peak	110.00	300	Horizontal	Pass
4**	7482.750	43.61	54.0	10.39	AV	110.00	300	Horizontal	Pass
5	12522.000	51.42	74.0	22.58	Peak	206.00	100	Horizontal	Pass
5**	12522.000	42.02	54.0	11.98	AV	206.00	100	Horizontal	Pass
6	16103.175	52.65	74.0	21.35	Peak	0.00	200	Horizontal	Pass
6**	16103.175	44.24	54.0	9.76	AV	0.00	200	Horizontal	Pass

11ax20(SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

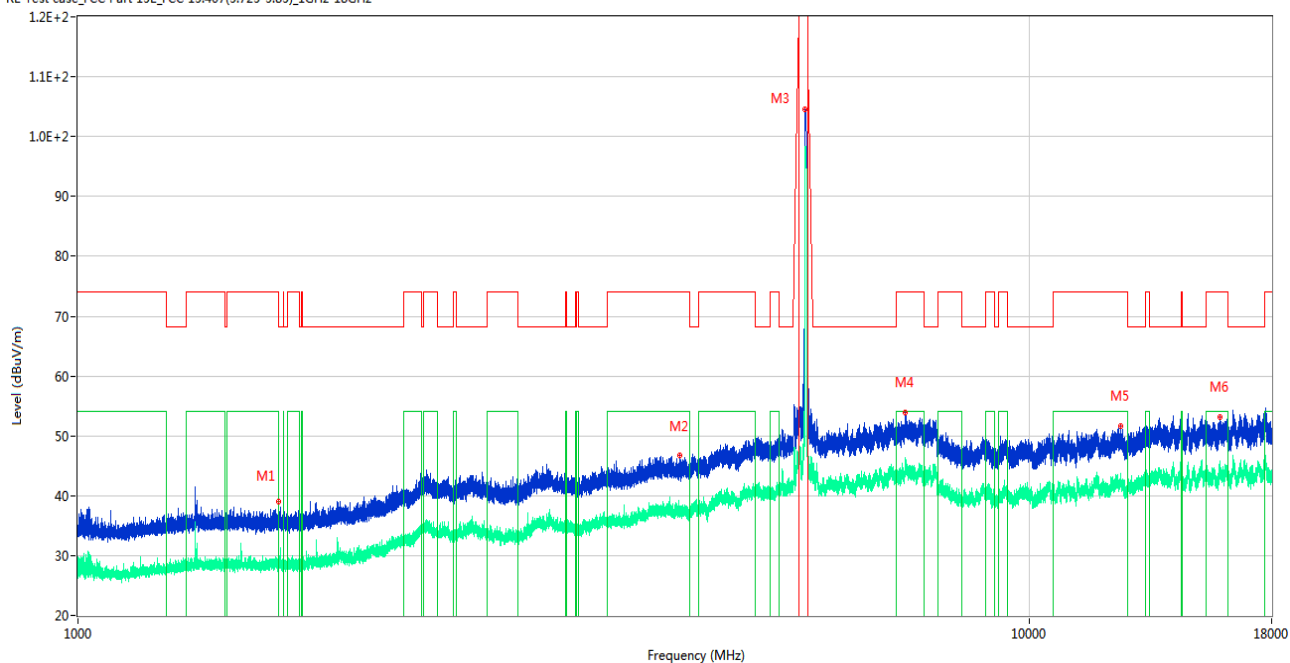
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.600	38.61	74.0	35.39	Peak	174.00	100	Vertical	Pass
1**	1495.600	28.55	54.0	25.45	AV	174.00	100	Vertical	Pass
2	4253.000	47.18	74.0	26.82	Peak	360.00	400	Vertical	Pass
2**	4253.000	37.50	54.0	16.50	AV	360.00	400	Vertical	Pass
3	5780.750	101.92	--	--	Peak	42.00	100	Vertical	N/A
3**	5780.750	93.76	--	--	AV	42.00	100	Vertical	N/A
4	7427.750	53.74	74.0	20.26	Peak	86.00	100	Vertical	Pass
4**	7427.750	44.81	54.0	9.19	AV	86.00	100	Vertical	Pass
5	11797.387	51.49	74.0	22.51	Peak	183.00	200	Vertical	Pass
5**	11797.387	42.11	54.0	11.89	AV	183.00	200	Vertical	Pass
6	15894.225	53.74	74.0	20.26	Peak	108.00	300	Vertical	Pass
6**	15894.225	43.98	54.0	10.02	AV	108.00	300	Vertical	Pass

11ax20(SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

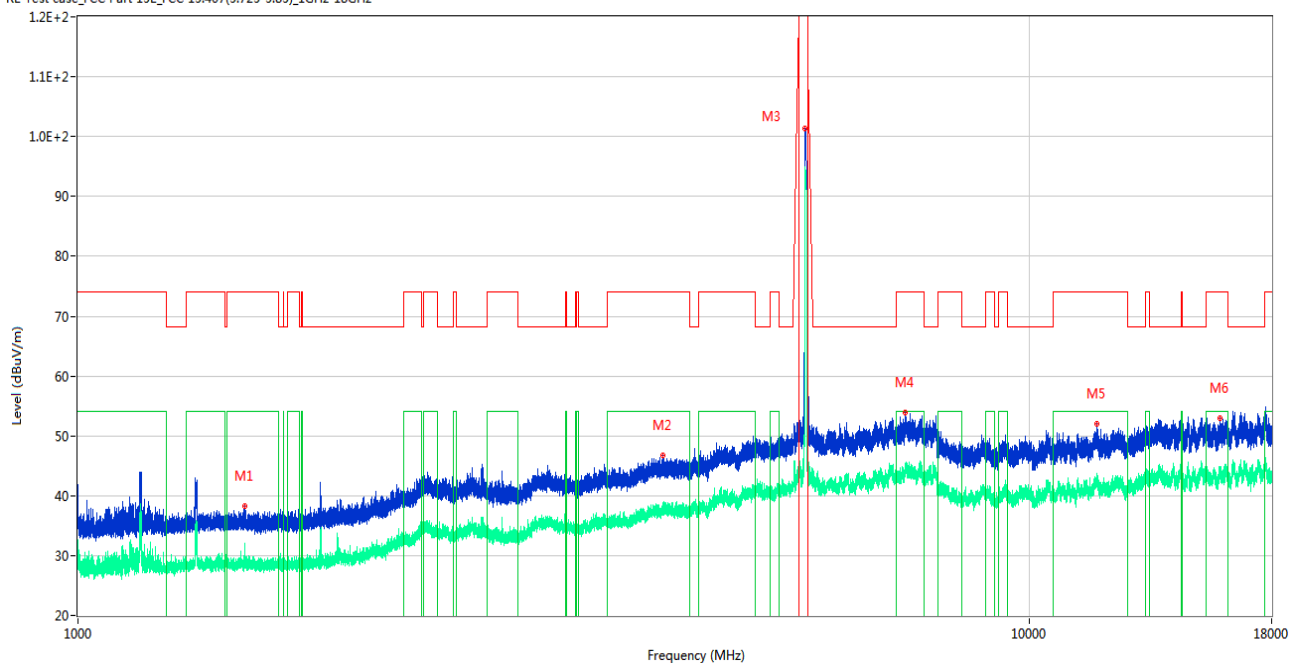
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.200	38.94	74.0	35.06	Peak	261.00	100	Horizontal	Pass
1**	1625.200	31.98	54.0	22.02	AV	261.00	100	Horizontal	Pass
2	4291.000	46.68	74.0	27.32	Peak	202.00	300	Horizontal	Pass
2**	4291.000	38.02	54.0	15.98	AV	202.00	300	Horizontal	Pass
3	5819.250	104.63	--	--	Peak	246.00	100	Horizontal	N/A
3**	5819.250	98.27	--	--	AV	246.00	100	Horizontal	N/A
4	7418.000	53.90	74.0	20.10	Peak	64.00	300	Horizontal	Pass
4**	7418.000	44.05	54.0	9.95	AV	64.00	300	Horizontal	Pass
5	12492.075	51.72	74.0	22.28	Peak	360.00	200	Horizontal	Pass
5**	12492.075	41.87	54.0	12.13	AV	360.00	200	Horizontal	Pass
6	15877.162	53.23	74.0	20.77	Peak	65.00	400	Horizontal	Pass
6**	15877.162	43.54	54.0	10.46	AV	65.00	400	Horizontal	Pass

11ax20(SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

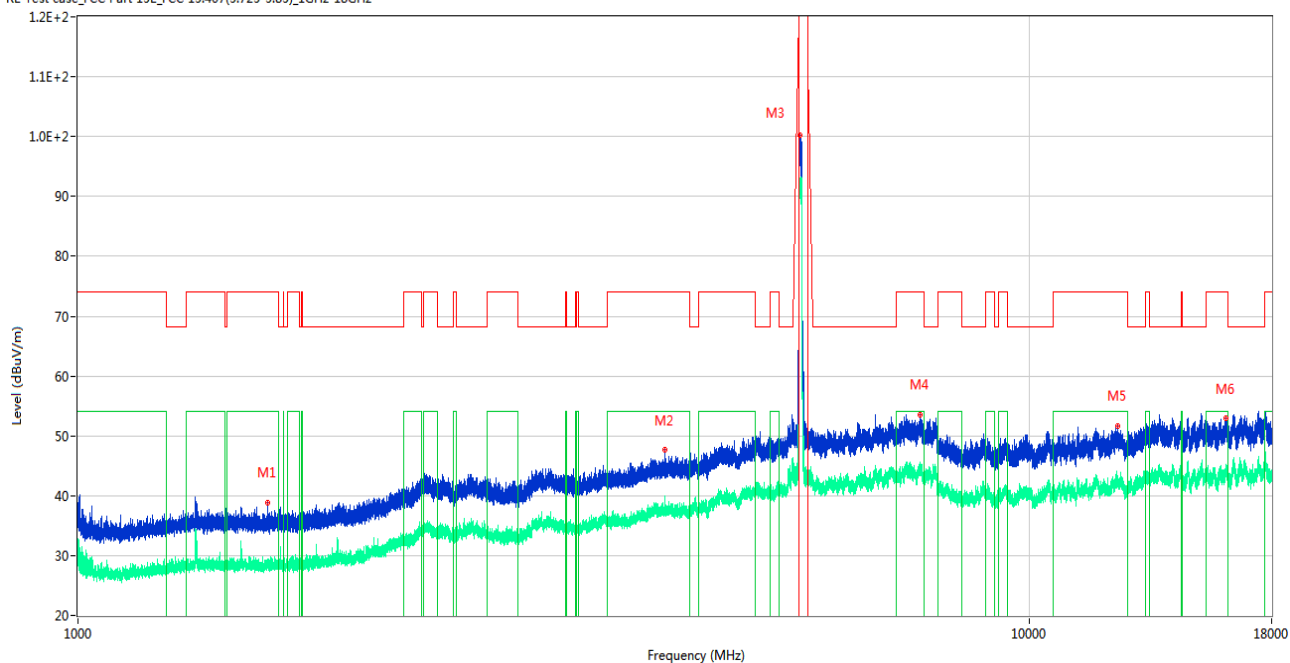
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.200	38.27	74.0	35.73	Peak	271.00	300	Vertical	Pass
1**	1496.200	29.61	54.0	24.39	AV	271.00	300	Vertical	Pass
2	4123.000	46.79	74.0	27.21	Peak	360.00	200	Vertical	Pass
2**	4123.000	37.97	54.0	16.03	AV	360.00	200	Vertical	Pass
3	5818.750	101.31	--	--	Peak	42.00	200	Vertical	N/A
3**	5818.750	94.44	--	--	AV	42.00	200	Vertical	N/A
4	7420.000	53.93	74.0	20.07	Peak	154.00	300	Vertical	Pass
4**	7420.000	44.67	54.0	9.33	AV	154.00	300	Vertical	Pass
5	11795.013	52.05	74.0	21.95	Peak	170.00	200	Vertical	Pass
5**	11795.013	42.51	54.0	11.49	AV	170.00	200	Vertical	Pass
6	15899.475	52.97	74.0	21.03	Peak	135.00	300	Vertical	Pass
6**	15899.475	44.87	54.0	9.13	AV	135.00	300	Vertical	Pass

11ax40(SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

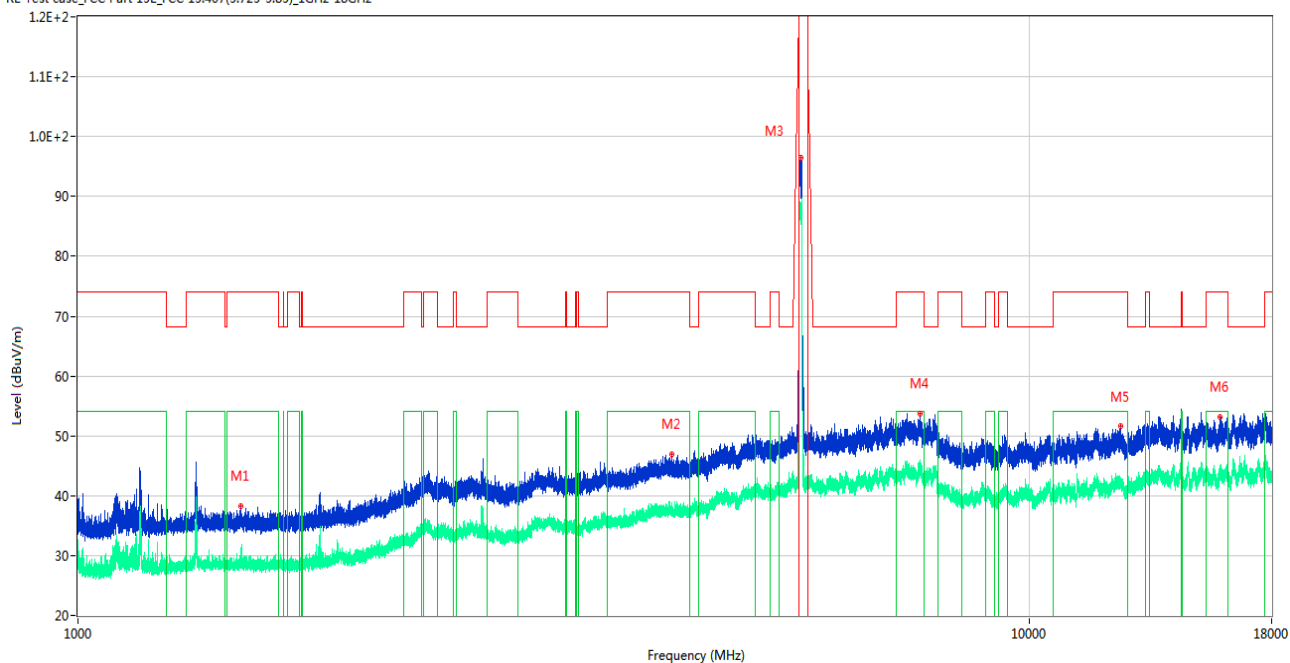
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1582.100	38.89	74.0	35.11	Peak	310.00	100	Horizontal	Pass
1**	1582.100	29.34	54.0	24.66	AV	310.00	100	Horizontal	Pass
2	4144.000	47.65	74.0	26.35	Peak	241.00	400	Horizontal	Pass
2**	4144.000	37.51	54.0	16.49	AV	241.00	400	Horizontal	Pass
3	5750.750	100.28	--	--	Peak	241.00	200	Horizontal	N/A
3**	5750.750	93.04	--	--	AV	241.00	200	Horizontal	N/A
4	7686.250	53.61	74.0	20.39	Peak	219.00	400	Horizontal	Pass
4**	7686.250	44.41	54.0	9.59	AV	219.00	400	Horizontal	Pass
5	12392.800	51.67	74.0	22.33	Peak	0.00	100	Horizontal	Pass
5**	12392.800	41.69	54.0	12.31	AV	0.00	100	Horizontal	Pass
6	16102.388	52.95	74.0	21.05	Peak	313.00	400	Horizontal	Pass
6**	16102.388	43.75	54.0	10.25	AV	313.00	400	Horizontal	Pass

11ax40(SU), U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

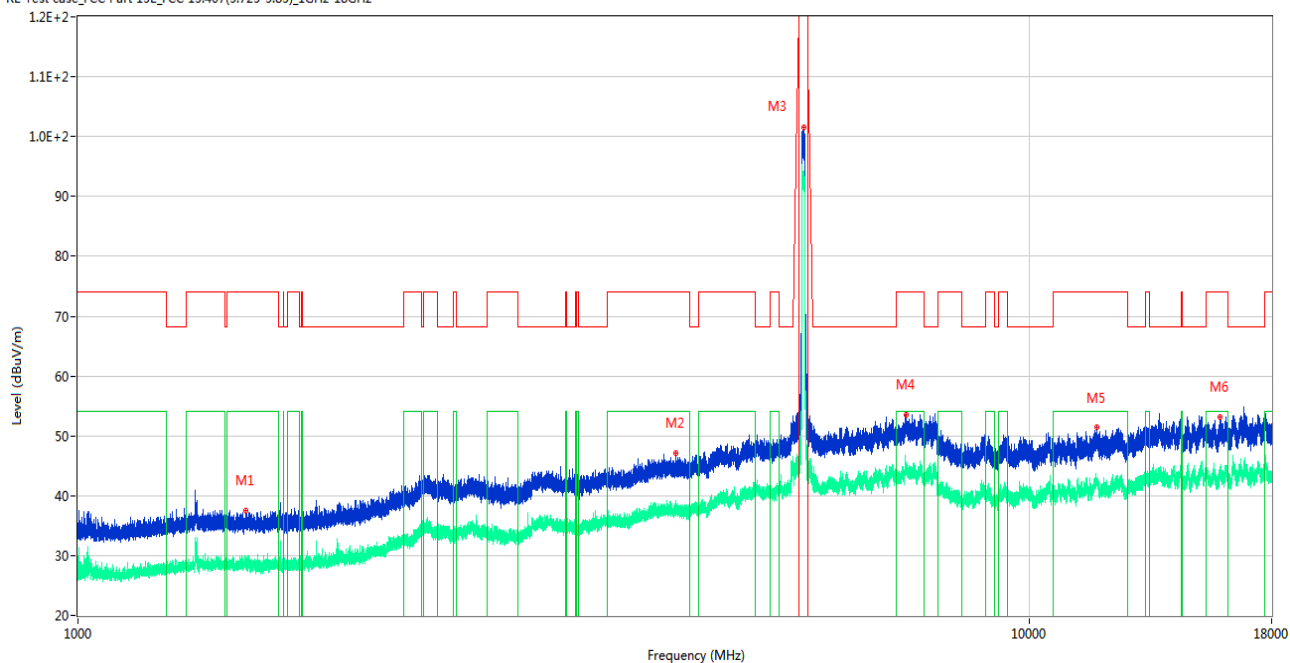
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.100	38.27	74.0	35.73	Peak	48.00	100	Vertical	Pass
1**	1485.100	30.42	54.0	23.58	AV	48.00	100	Vertical	Pass
2	4209.250	46.95	74.0	27.05	Peak	268.00	100	Vertical	Pass
2**	4209.250	38.01	54.0	15.99	AV	268.00	100	Vertical	Pass
3	5761.750	96.54	--	--	Peak	290.00	200	Vertical	N/A
3**	5761.750	87.08	--	--	AV	290.00	200	Vertical	N/A
4	7686.000	53.70	74.0	20.30	Peak	244.00	100	Vertical	Pass
4**	7686.000	44.42	54.0	9.58	AV	244.00	100	Vertical	Pass
5	12497.299	51.61	74.0	22.39	Peak	203.00	100	Vertical	Pass
5**	12497.299	42.07	54.0	11.93	AV	203.00	100	Vertical	Pass
6	15893.701	53.18	74.0	20.82	Peak	64.00	300	Vertical	Pass
6**	15893.701	43.22	54.0	10.78	AV	64.00	300	Vertical	Pass

11ax40(SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

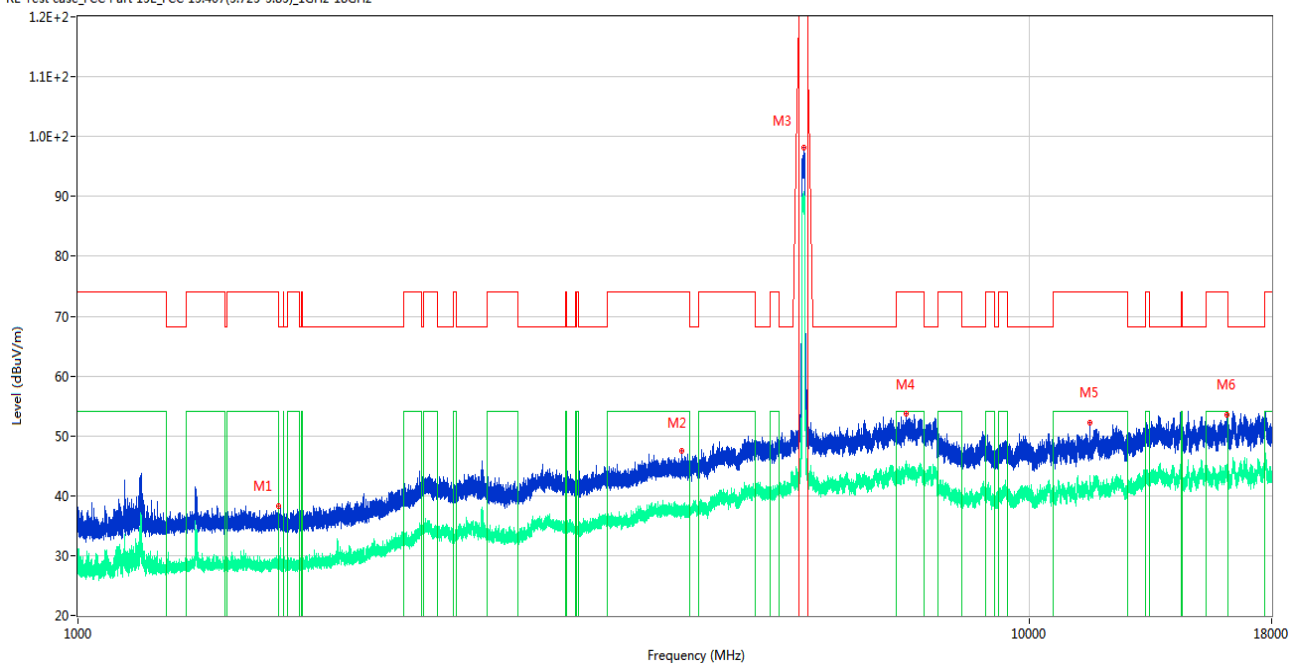
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.700	37.58	74.0	36.42	Peak	354.00	100	Horizontal	Pass
1**	1502.700	27.94	54.0	26.06	AV	354.00	100	Horizontal	Pass
2	4254.750	47.19	74.0	26.81	Peak	333.00	400	Horizontal	Pass
2**	4254.750	37.12	54.0	16.88	AV	333.00	400	Horizontal	Pass
3	5801.000	101.55	--	--	Peak	242.00	100	Horizontal	N/A
3**	5801.000	92.71	--	--	AV	242.00	100	Horizontal	N/A
4	7429.250	53.52	74.0	20.48	Peak	360.00	200	Horizontal	Pass
4**	7429.250	45.02	54.0	8.98	AV	360.00	200	Horizontal	Pass
5	11787.650	51.41	74.0	22.59	Peak	171.00	100	Horizontal	Pass
5**	11787.650	42.80	54.0	11.20	AV	171.00	100	Horizontal	Pass
6	15900.000	53.23	74.0	20.77	Peak	48.00	200	Horizontal	Pass
6**	15900.000	44.14	54.0	9.86	AV	48.00	200	Horizontal	Pass

11ax40(SU), U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

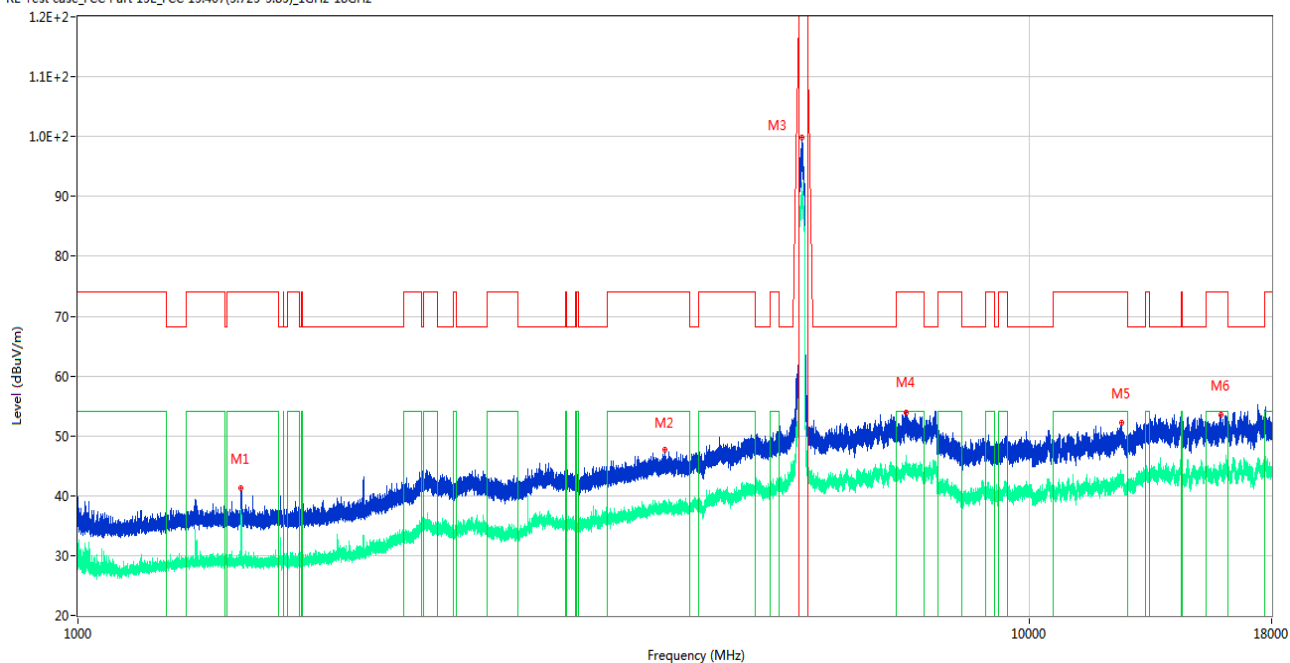
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.900	38.24	74.0	35.76	Peak	302.00	100	Vertical	Pass
1**	1624.900	30.96	54.0	23.04	AV	302.00	100	Vertical	Pass
2	4316.750	47.44	74.0	26.56	Peak	110.00	200	Vertical	Pass
2**	4316.750	37.08	54.0	16.92	AV	110.00	200	Vertical	Pass
3	5799.750	98.22	--	--	Peak	290.00	100	Vertical	N/A
3**	5799.750	88.59	--	--	AV	290.00	100	Vertical	N/A
4	7428.250	53.69	74.0	20.31	Peak	64.00	300	Vertical	Pass
4**	7428.250	45.32	54.0	8.68	AV	64.00	300	Vertical	Pass
5	11597.650	52.22	74.0	21.78	Peak	220.00	100	Vertical	Pass
5**	11597.650	40.53	54.0	13.47	AV	220.00	100	Vertical	Pass
6	16136.250	53.57	74.0	20.43	Peak	149.00	100	Vertical	Pass
6**	16136.250	43.92	54.0	10.08	AV	149.00	100	Vertical	Pass

11ax80(SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

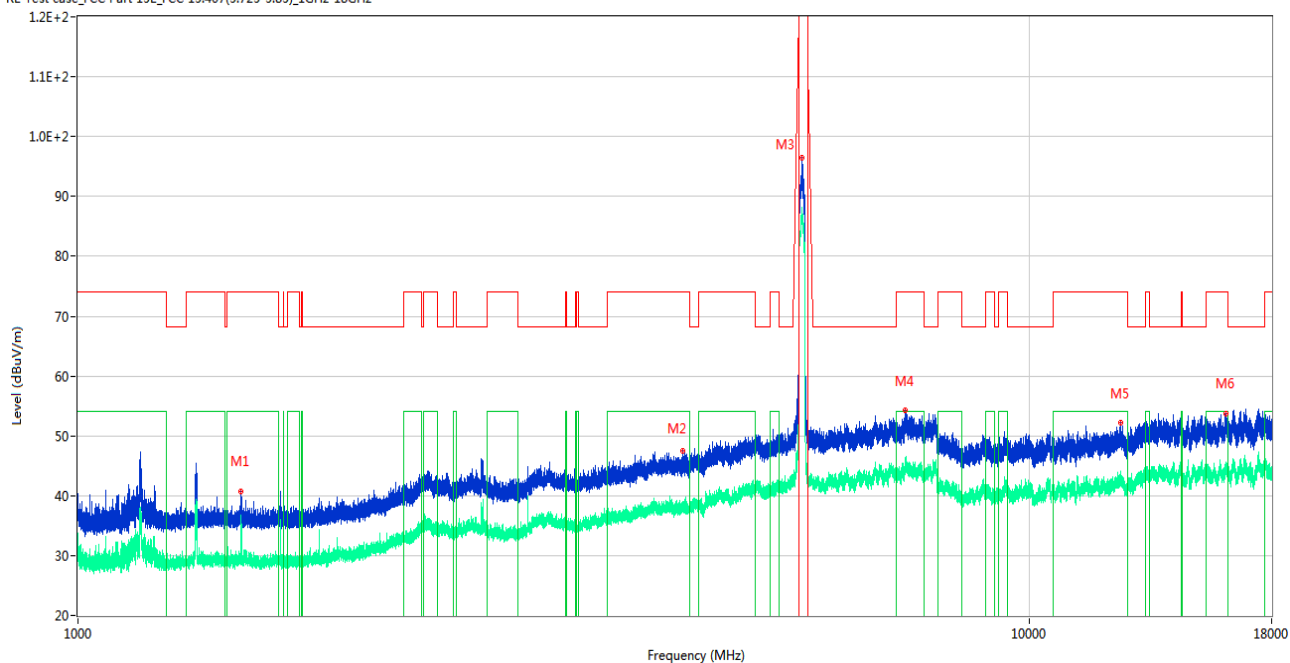
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	41.23	74.0	32.77	Peak	333.00	100	Horizontal	Pass
1**	1484.700	36.58	54.0	17.42	AV	333.00	100	Horizontal	Pass
2	4140.250	47.68	74.0	26.32	Peak	166.00	100	Horizontal	Pass
2**	4140.250	37.97	54.0	16.03	AV	166.00	100	Horizontal	Pass
3	5772.500	99.78	--	--	Peak	0.00	150	Horizontal	N/A
3**	5772.500	91.65	--	--	AV	0.00	150	Horizontal	N/A
4	7420.750	53.90	74.0	20.10	Peak	7.00	200	Horizontal	Pass
4**	7420.750	45.80	54.0	8.20	AV	7.00	200	Horizontal	Pass
5	12513.450	52.14	74.0	21.86	Peak	277.00	150	Horizontal	Pass
5**	12513.450	42.60	54.0	11.40	AV	277.00	150	Horizontal	Pass
6	15904.201	53.47	74.0	20.53	Peak	135.00	100	Horizontal	Pass
6**	15904.201	44.90	54.0	9.10	AV	135.00	100	Horizontal	Pass

11ax80(SU), U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	40.76	74.0	33.24	Peak	184.00	400	Vertical	Pass
1**	1484.800	35.53	54.0	18.47	AV	184.00	400	Vertical	Pass
2	4327.500	47.49	74.0	26.51	Peak	353.00	400	Vertical	Pass
2**	4327.500	38.41	54.0	15.59	AV	353.00	400	Vertical	Pass
3	5773.750	96.39	--	--	Peak	40.00	150	Vertical	N/A
3**	5773.750	86.76	--	--	AV	40.00	150	Vertical	N/A
4	7416.250	54.21	74.0	19.79	Peak	360.00	200	Vertical	Pass
4**	7416.250	45.34	54.0	8.66	AV	360.00	200	Vertical	Pass
5	12503.713	52.14	74.0	21.86	Peak	225.00	200	Vertical	Pass
5**	12503.713	43.07	54.0	10.93	AV	225.00	200	Vertical	Pass
6	16104.750	53.72	74.0	20.28	Peak	346.00	300	Vertical	Pass
6**	16104.750	44.57	54.0	9.43	AV	346.00	300	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	802.11ax(HE20)(SU)	Low	Pass
		High	Pass
	802.11ax(HE40)(SU)	Low	Pass
		High	Pass
	802.11ax(HE80)(SU)	Middle	Pass
	802.11be(EHT20)(SU)	Low	Pass
		High	Pass
	802.11be(EHT40)(SU)	Low	Pass
		High	Pass
	802.11be(EHT80)(SU)	Middle	Pass

Note ¹: All the configurations were pre tested, only the worst configuration has been reported in this report.

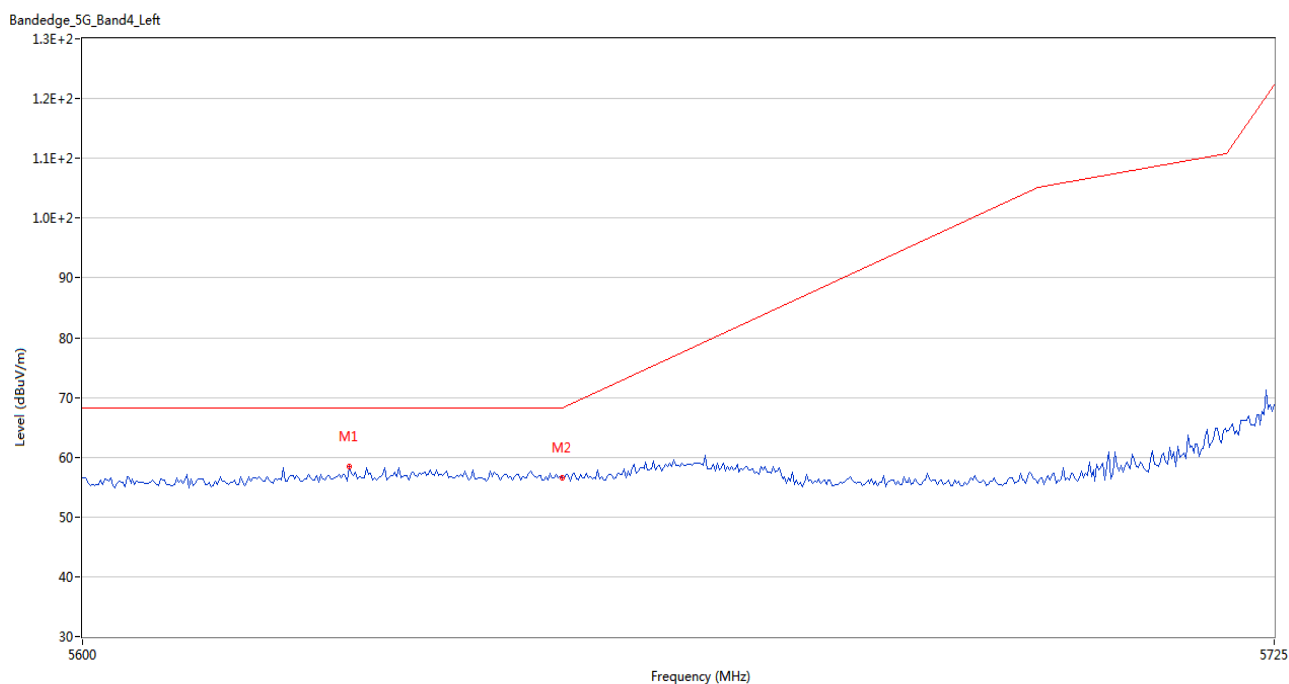
Note ²: All antenna were pre tested, but only the worst case has been reported in this report.

Note ³: Both horizontal and vertical directions were pre tested, only the worst configuration has been reported in this report.

MIMO

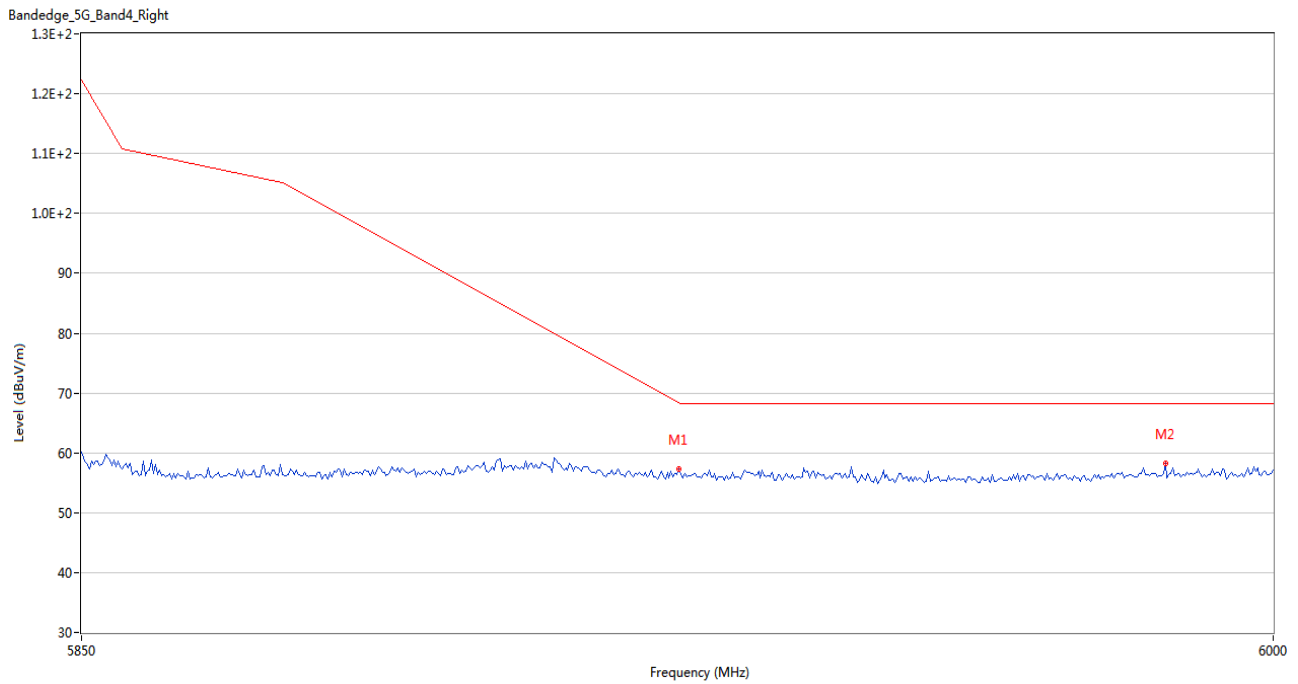
Test Data and Plots

U-NII-3 11a Low Channel



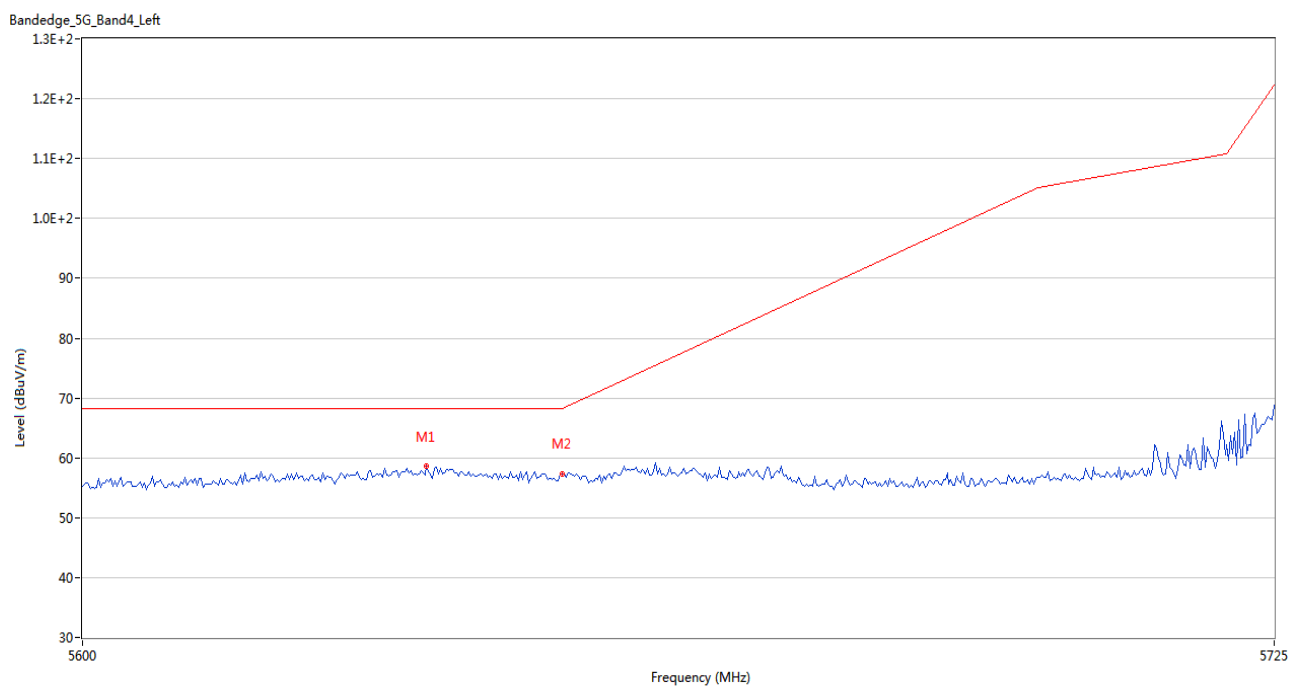
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5627.708	58.51	68.2	9.69	Peak	98.00	150	Horizontal	Pass
2	5650.000	56.61	68.2	11.59	Peak	14.00	100	Horizontal	Pass

U-NII-3 11a High Channel



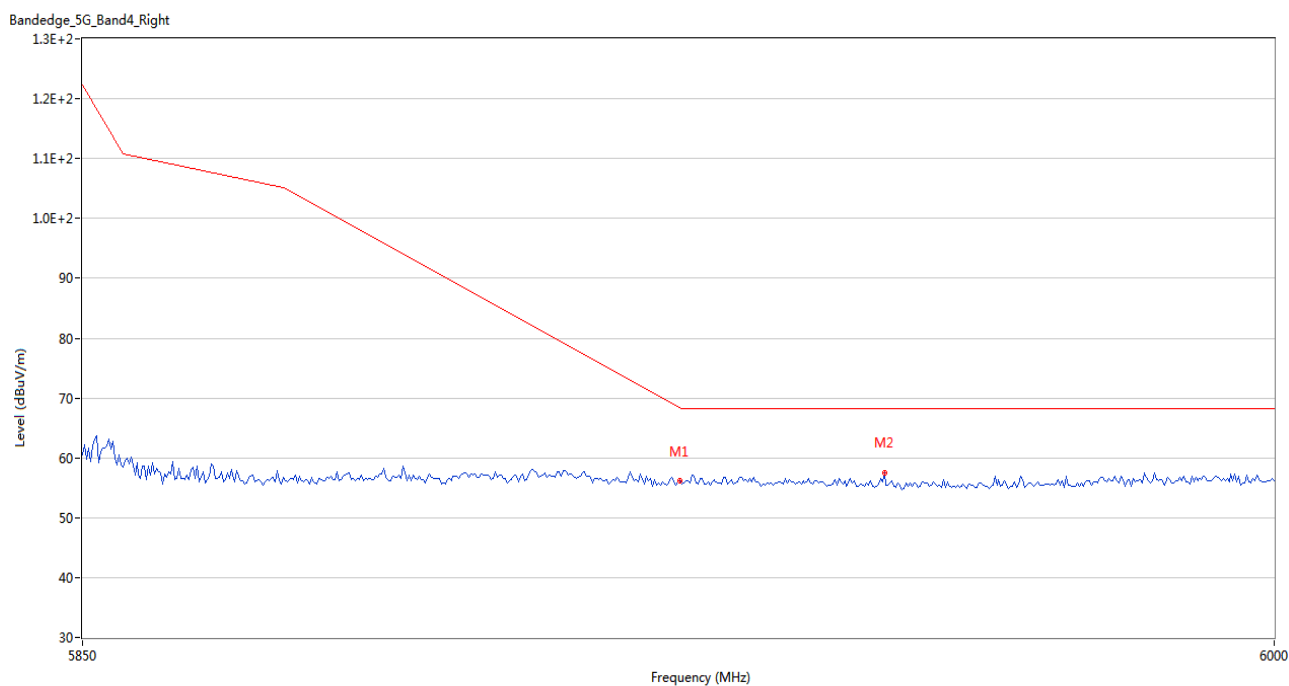
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.29	68.4	11.11	Peak	1.00	200	Horizontal	Pass
2	5986.250	58.19	68.2	10.01	Peak	88.00	100	Horizontal	Pass

U-NII-3 11n20 Low Channel



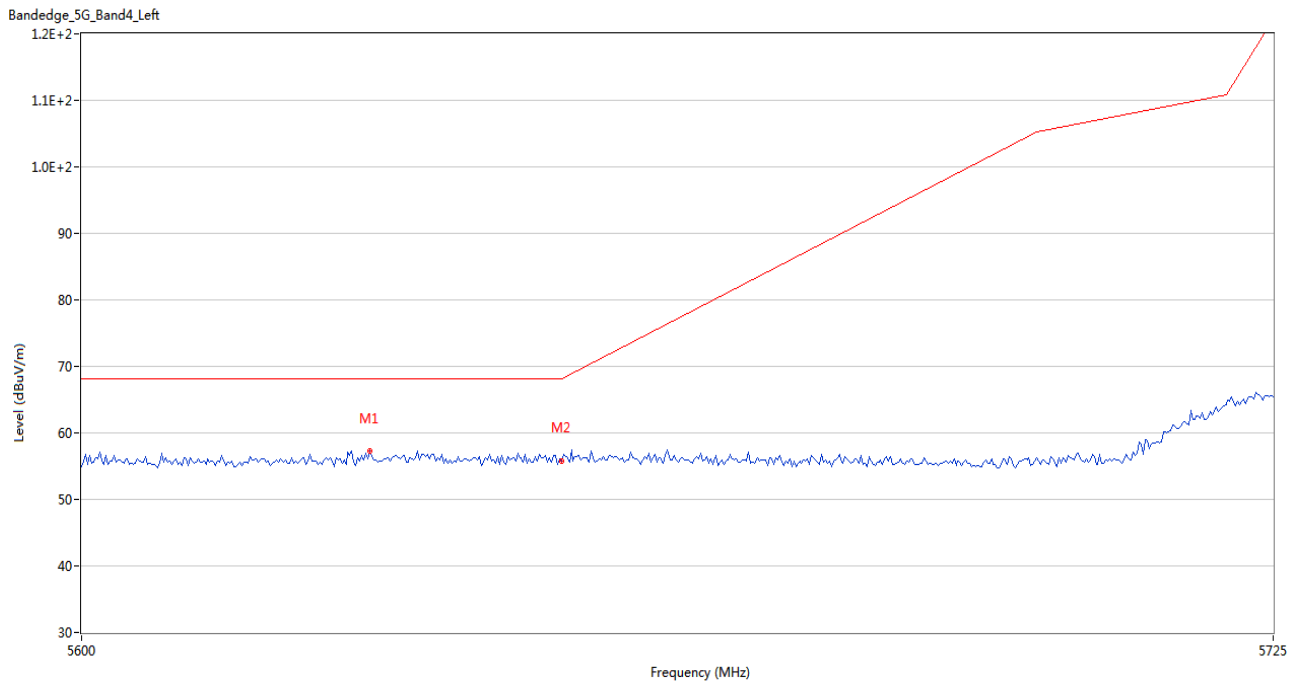
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5635.833	58.54	68.2	9.66	Peak	236.00	150	Horizontal	Pass
2	5650.000	57.38	68.2	10.82	Peak	234.00	200	Horizontal	Pass

U-NII-3 11n20 High Channel



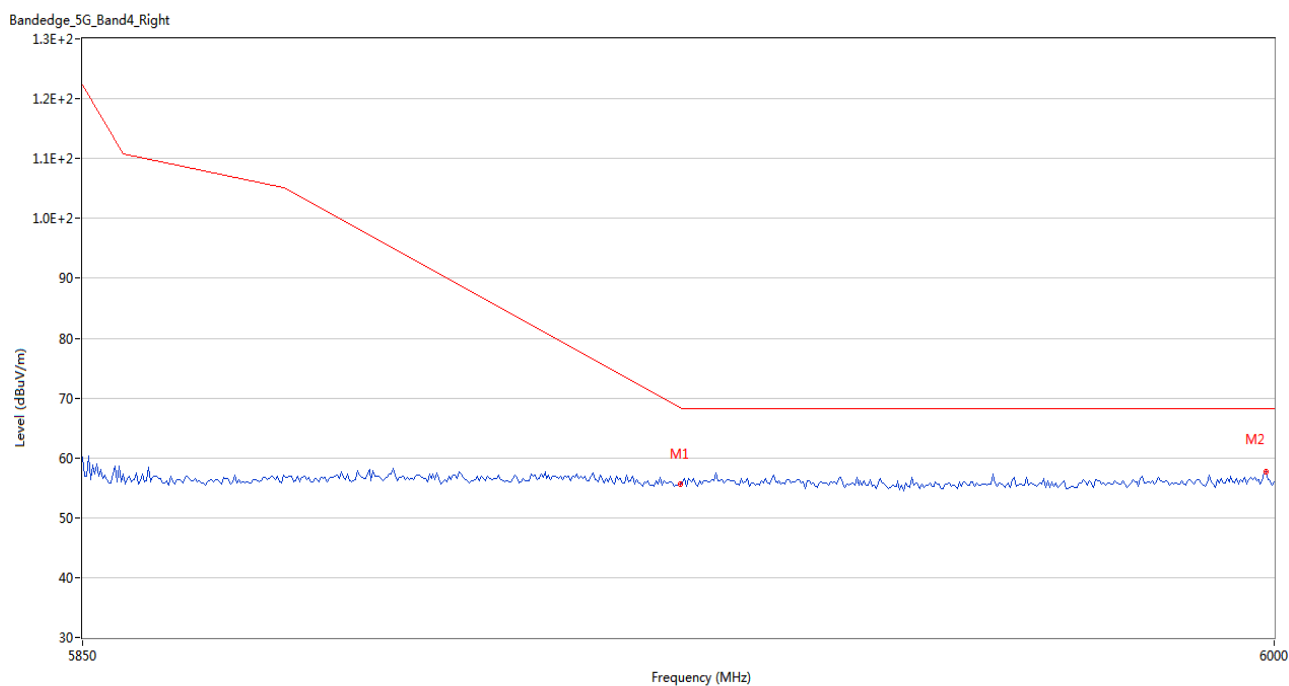
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.15	68.4	12.25	Peak	169.00	100	Horizontal	Pass
2	5950.500	57.55	68.2	10.65	Peak	33.00	200	Horizontal	Pass

U-NII-3 11n40 Low Channel



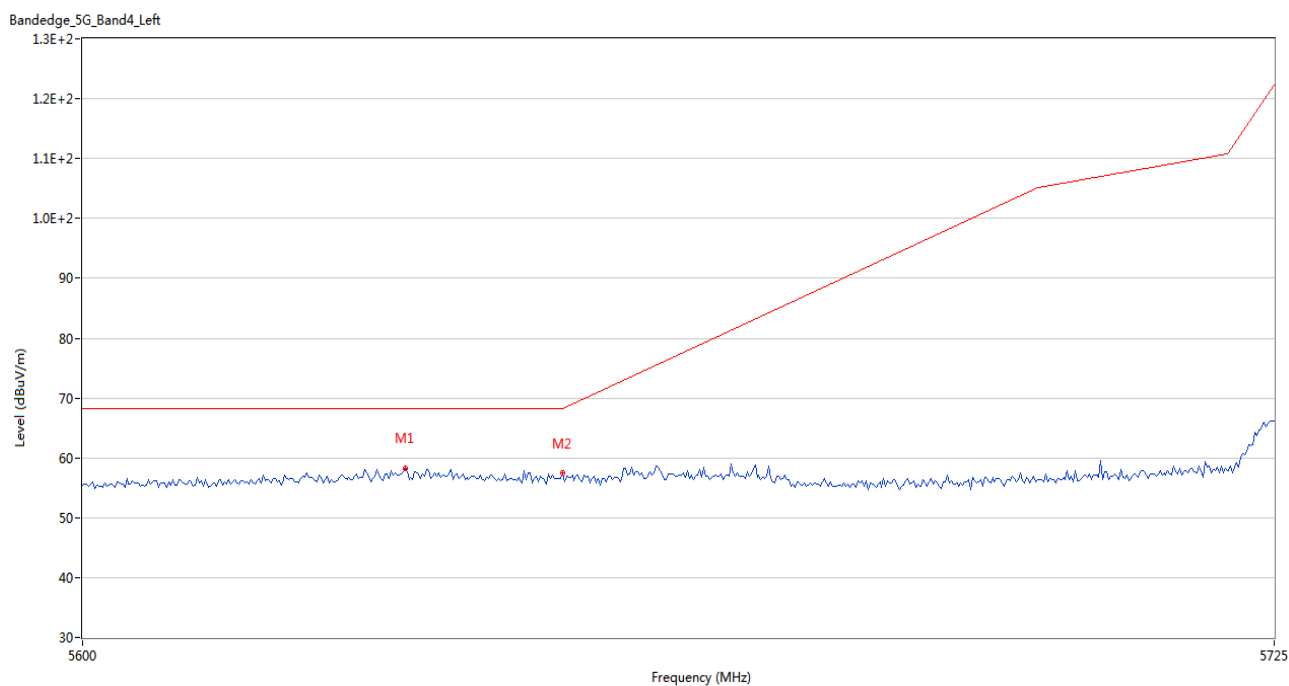
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5630.000	57.26	68.2	10.94	Peak	236.00	100	Horizontal	Pass
2	5650.000	55.83	68.2	12.37	Peak	263.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel



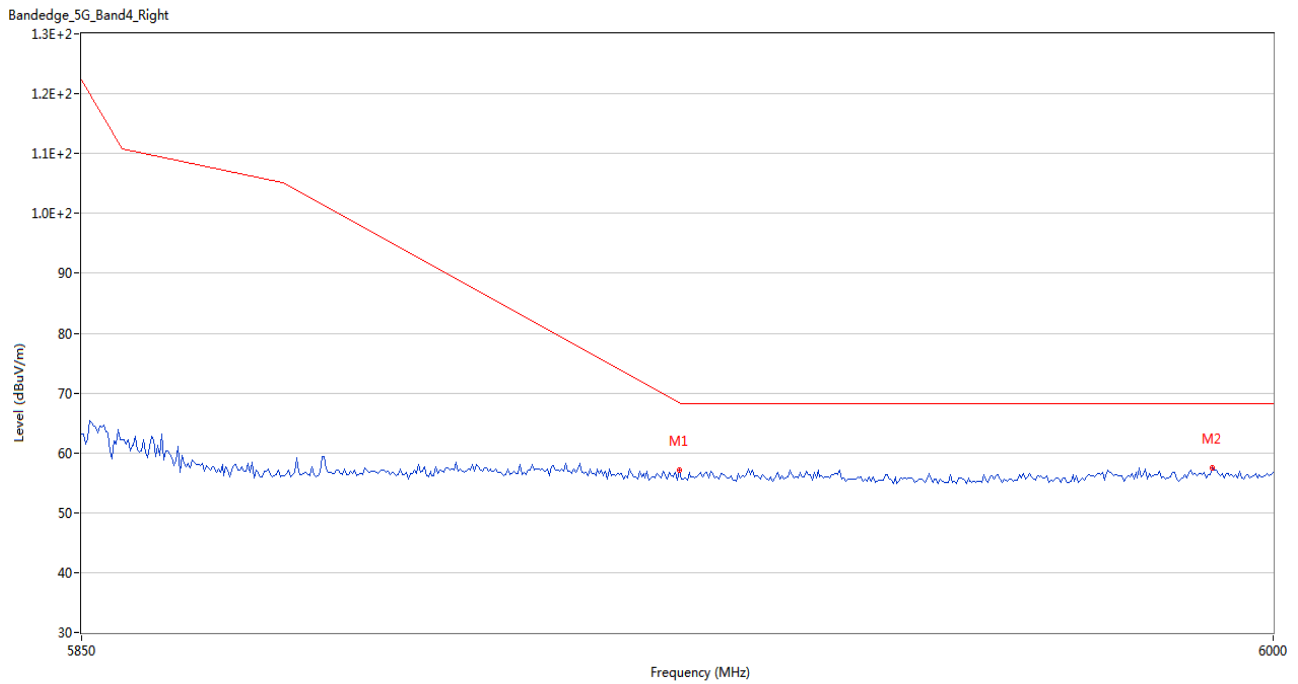
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	55.68	68.4	12.72	Peak	31.00	150	Horizontal	Pass
2	5999.000	57.70	68.2	10.50	Peak	156.00	200	Horizontal	Pass

U-NII-3 11ac20 Low Channel



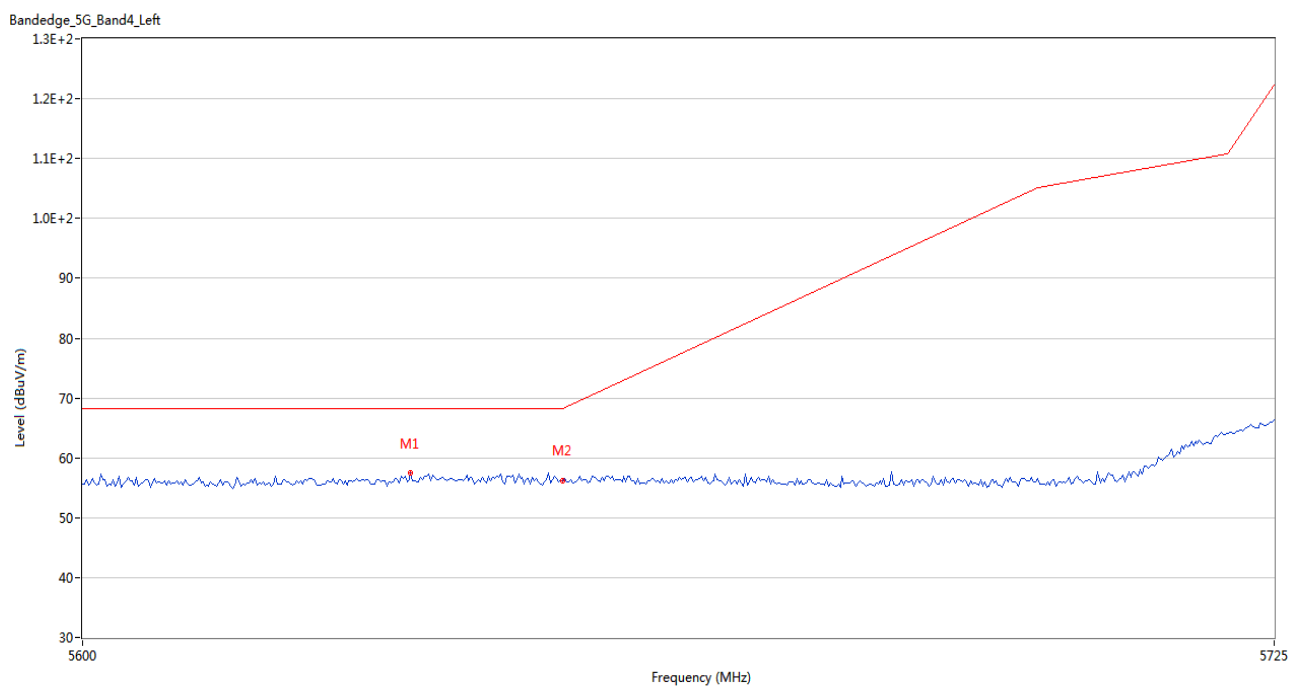
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5633.542	58.34	68.2	9.86	Peak	108.00	100	Horizontal	Pass
2	5650.000	57.48	68.2	10.72	Peak	57.00	200	Horizontal	Pass

U-NII-3 11ac20 High Channel



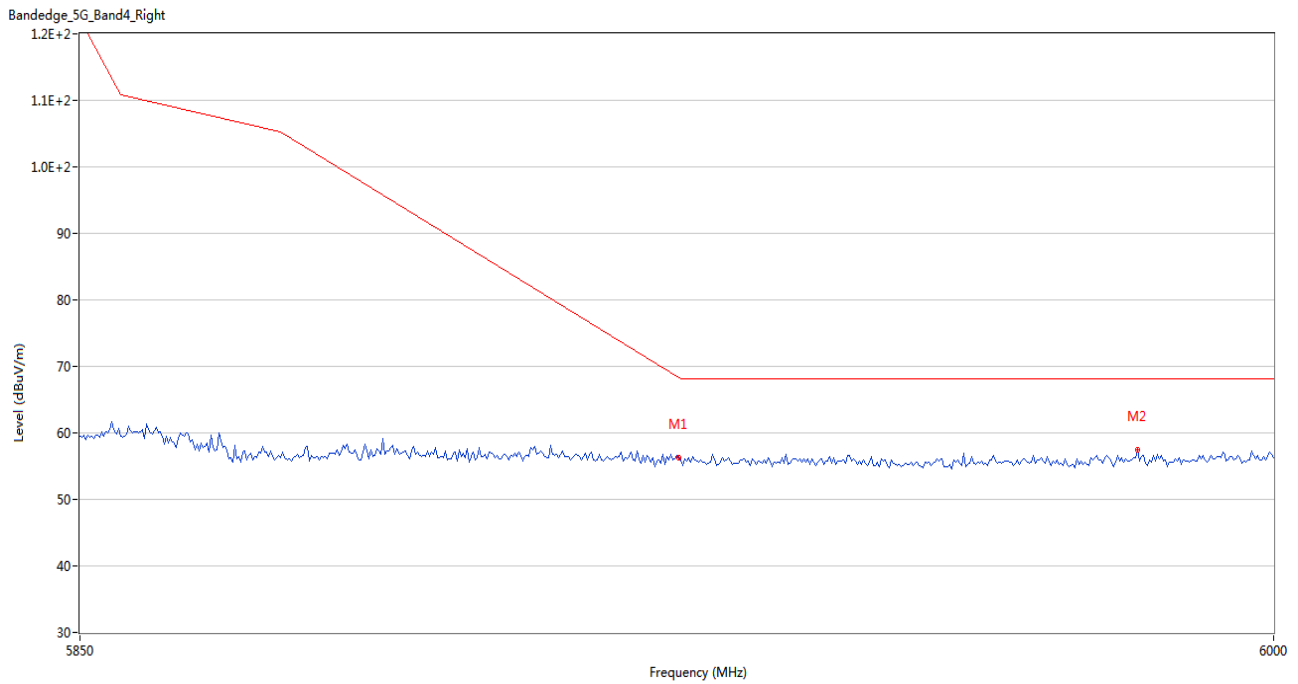
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	57.04	68.4	11.36	Peak	228.00	200	Horizontal	Pass
2	5992.250	57.48	68.2	10.72	Peak	23.00	200	Horizontal	Pass

U-NII-3 11ac40 Low Channel



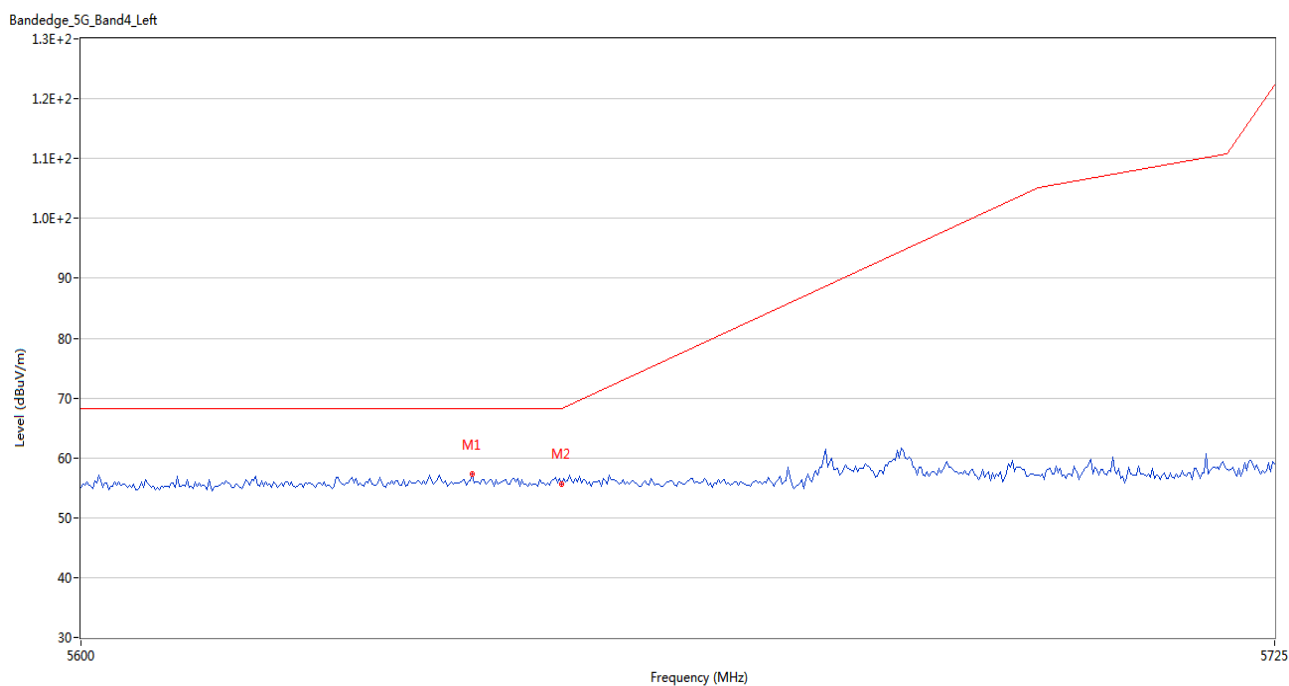
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.166	57.40	68.2	10.80	Peak	81.00	150	Horizontal	Pass
2	5650.000	56.18	68.2	12.02	Peak	226.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



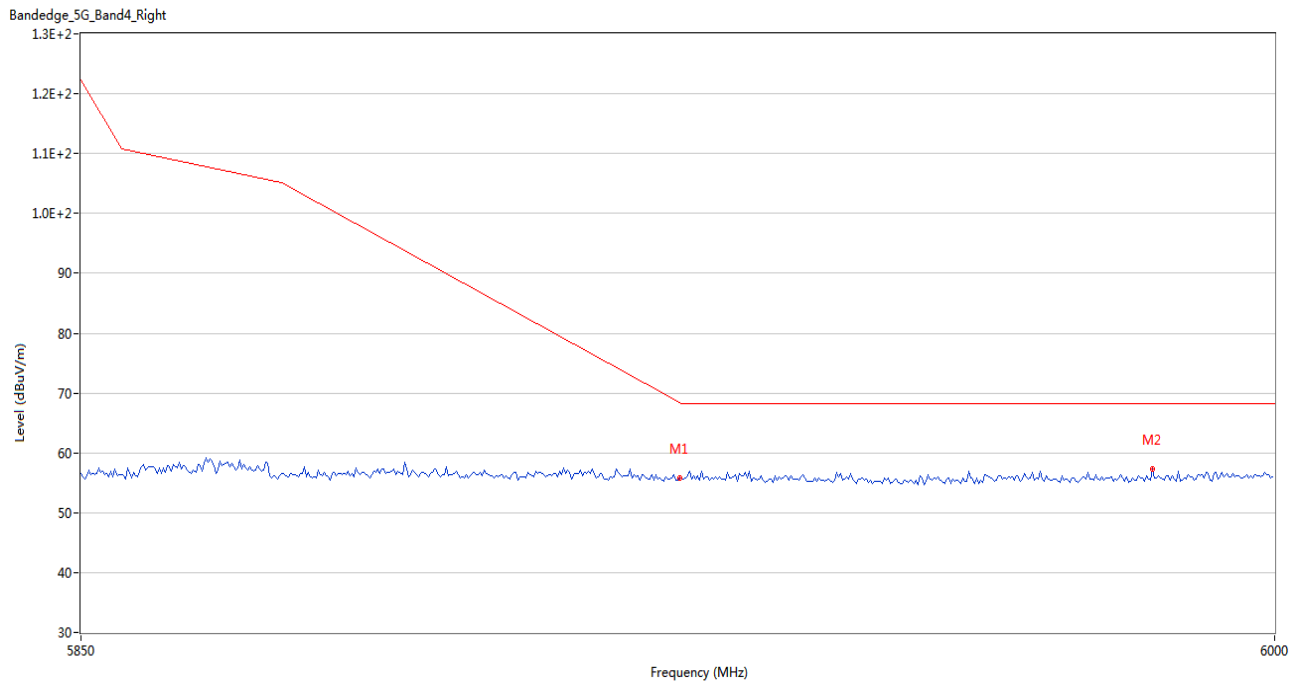
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.35	68.4	12.05	Peak	79.00	150	Horizontal	Pass
2	5982.750	57.47	68.2	10.73	Peak	188.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



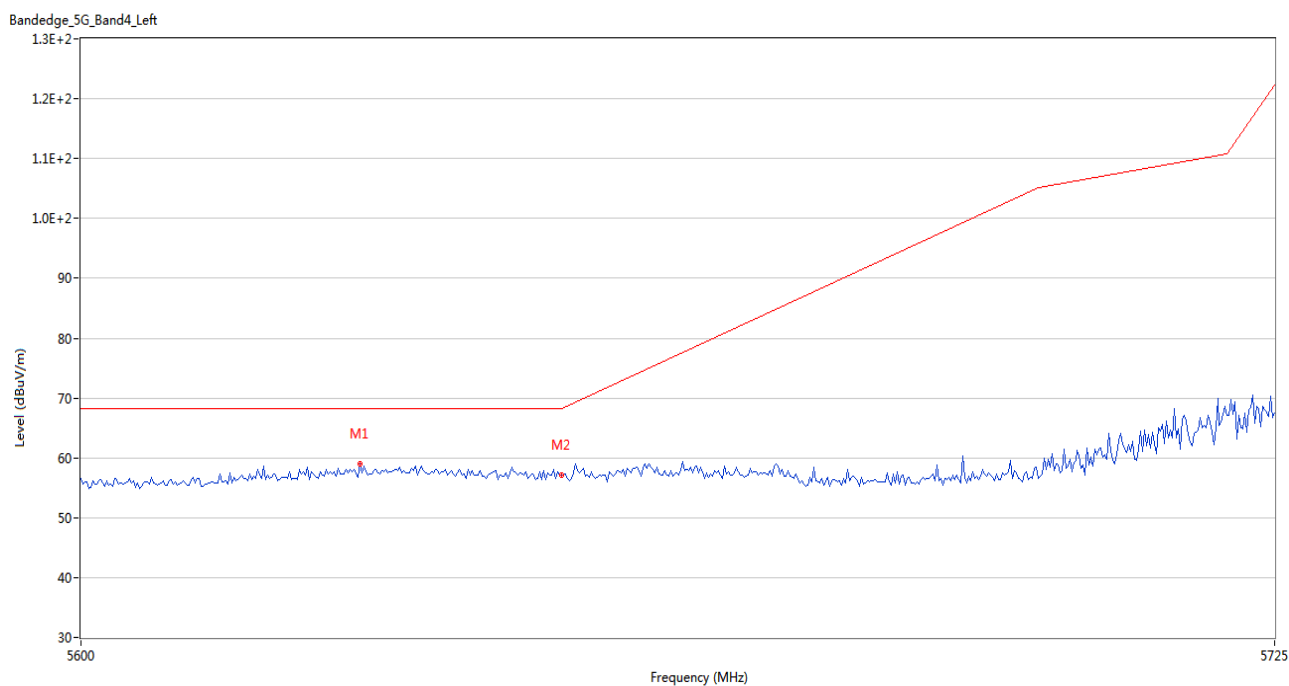
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5640.625	57.22	68.2	10.98	Peak	259.00	100	Horizontal	Pass
2	5650.000	55.70	68.2	12.50	Peak	360.00	150	Horizontal	Pass

U-NII-3 11ac80 Middle Channel



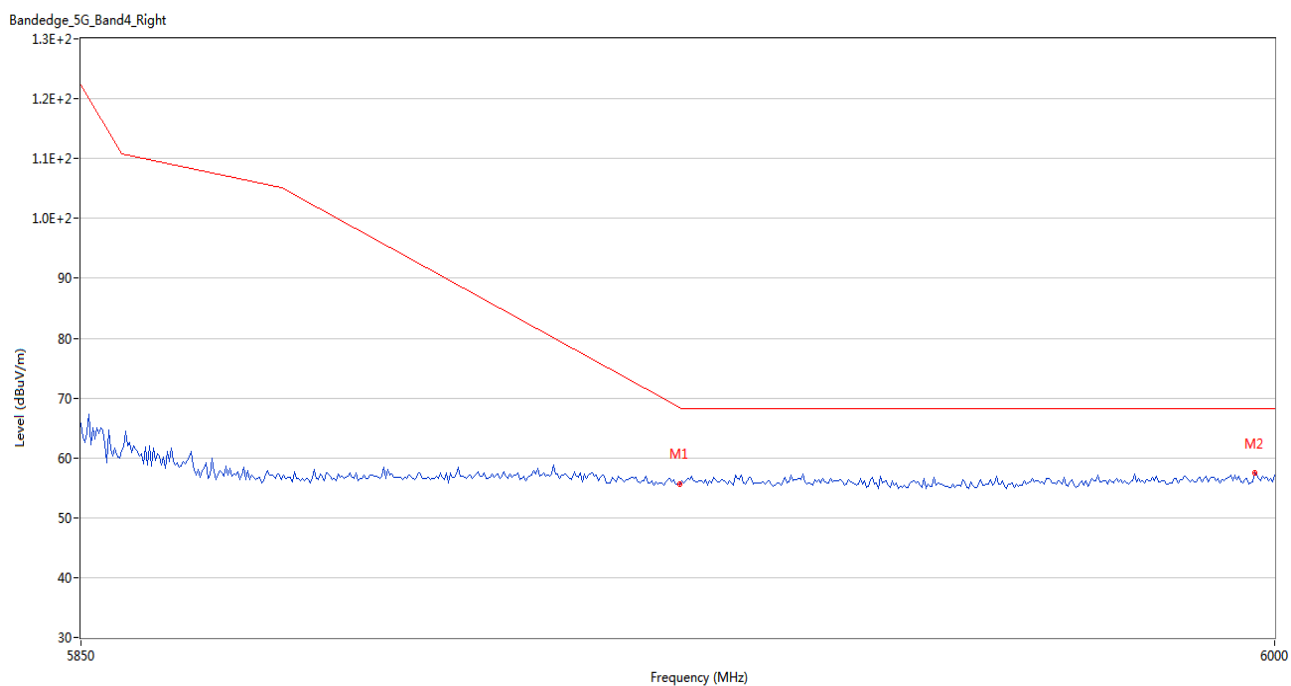
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	55.73	68.4	12.67	Peak	239.00	100	Horizontal	Pass
2	5984.500	57.24	68.2	10.96	Peak	16.00	200	Horizontal	Pass

U-NII-3 11ax20(SU) Low Channel



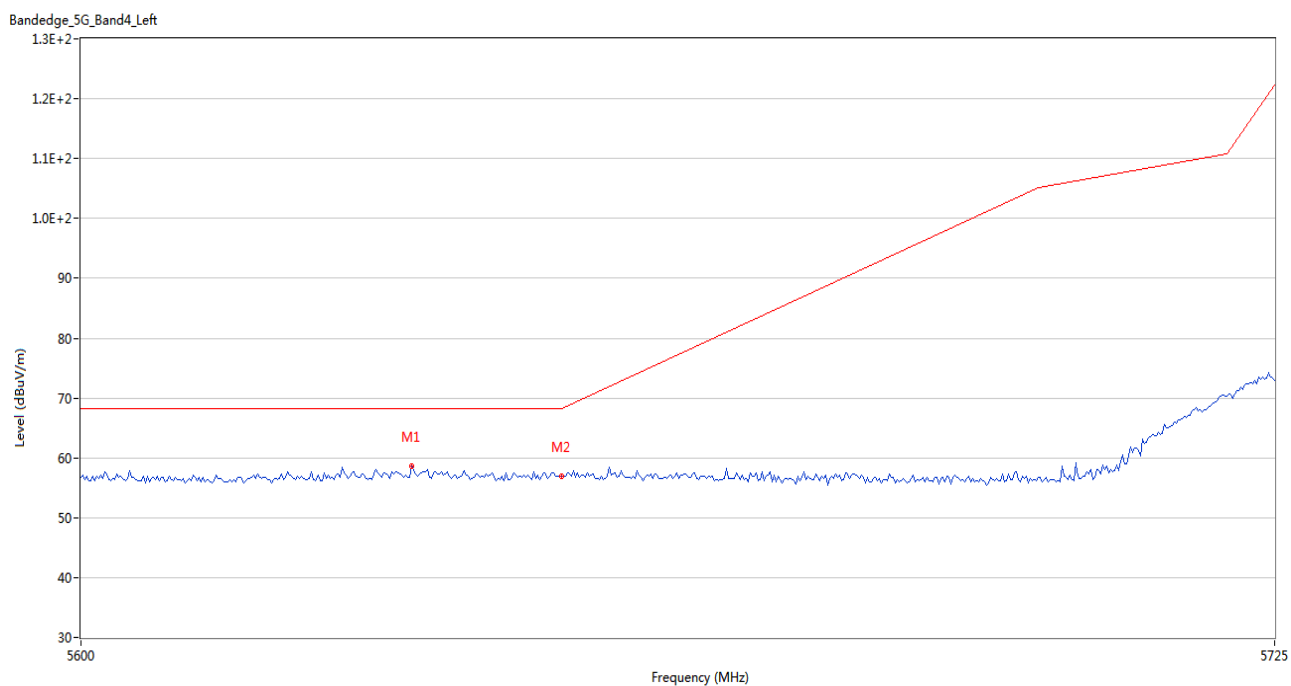
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5628.959	59.10	68.2	9.10	Peak	237.00	150	Horizontal	Pass
2	5650.000	57.14	68.2	11.06	Peak	239.00	200	Horizontal	Pass

U-NII-3 11ax20(SU) High Channel



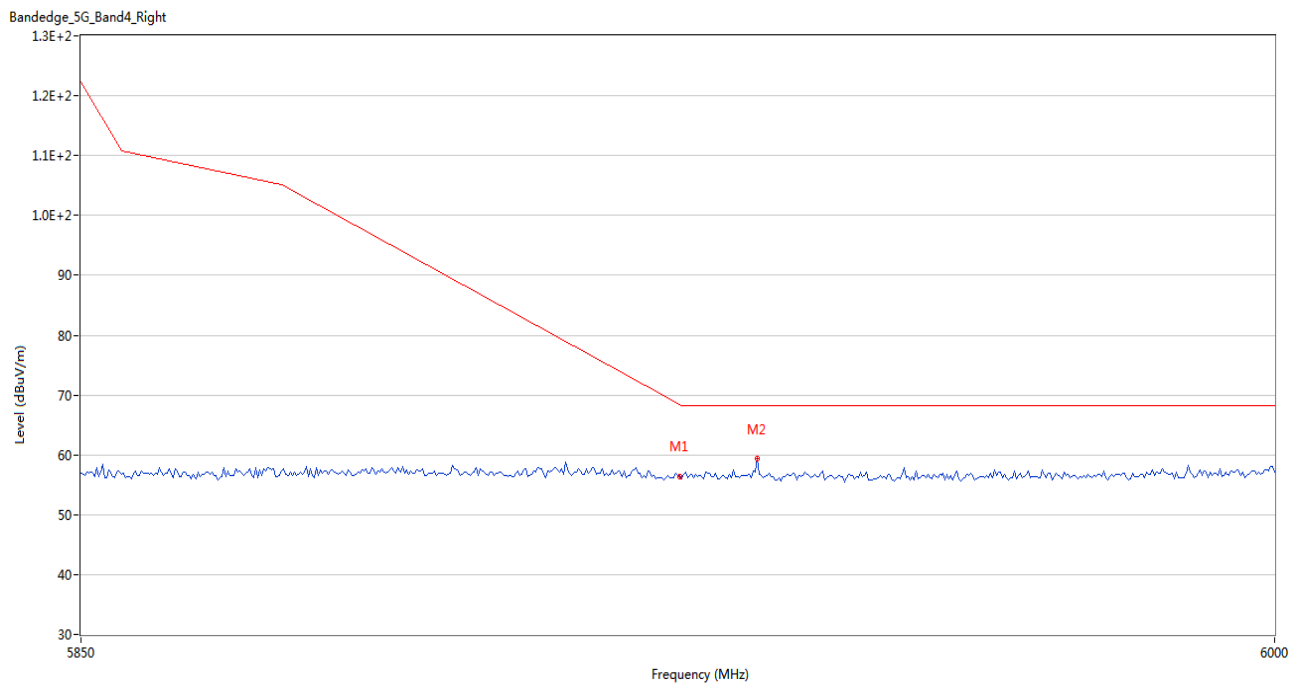
No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	55.70	68.4	12.70	Peak	16.00	150	Horizontal	Pass
2	5997.500	57.42	68.2	10.78	Peak	313.00	150	Horizontal	Pass

U-NII-3 11ax40(SU) Low Channel



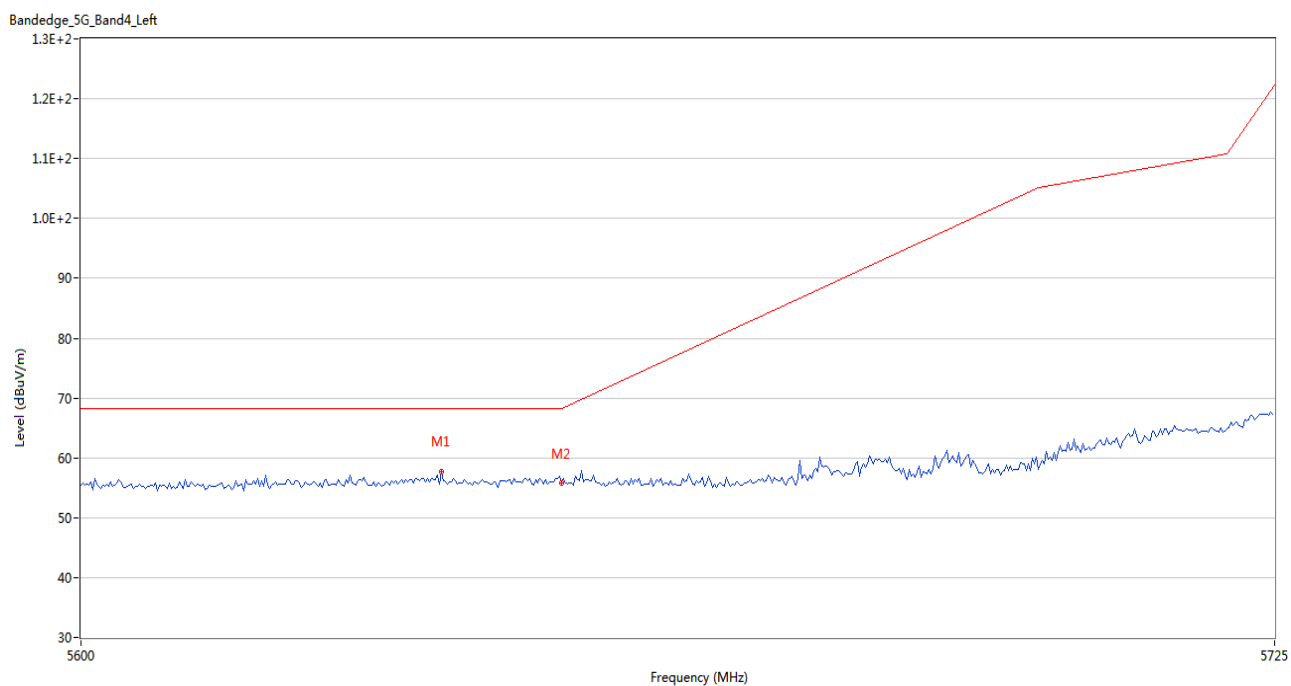
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5634.375	58.59	68.2	9.61	Peak	359.00	200	Horizontal	Pass
2	5650.000	56.84	68.2	11.36	Peak	357.00	100	Horizontal	Pass

U-NII-3 11ax40(SU) High Channel



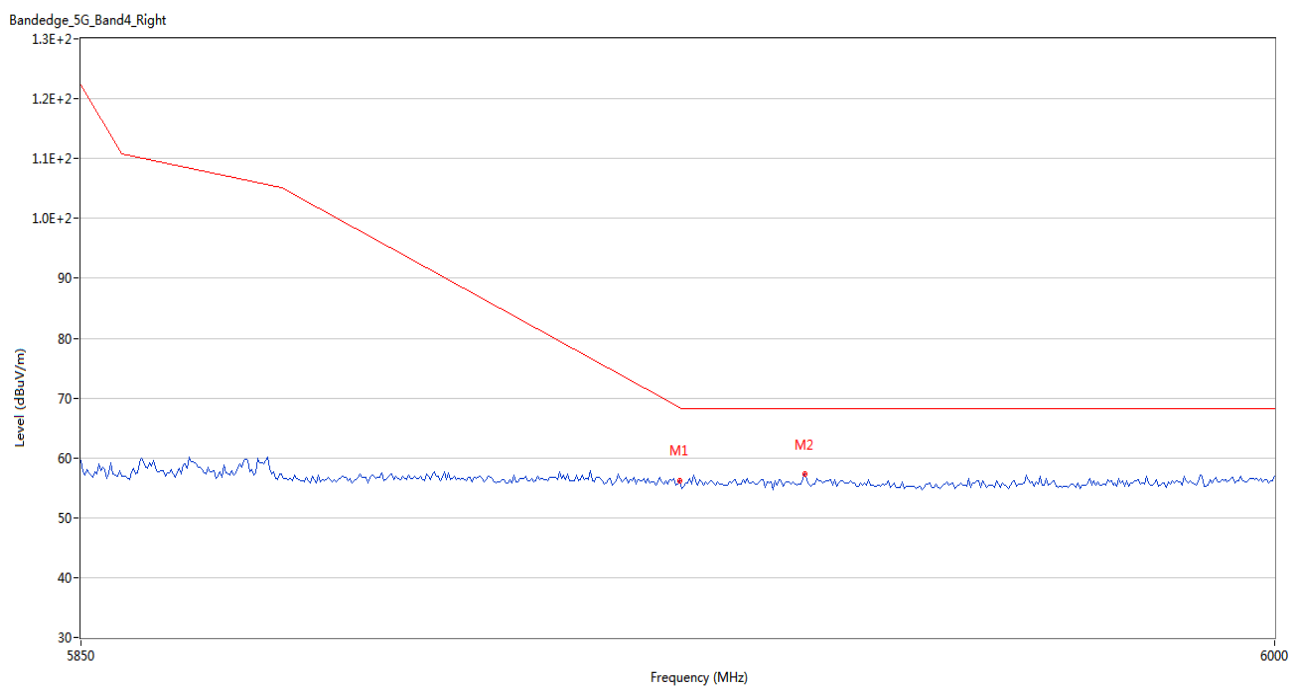
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.44	68.4	11.96	Peak	38.00	200	Horizontal	Pass
2	5934.500	59.30	68.2	8.90	Peak	237.00	200	Horizontal	Pass

U-NII-3 11ax80(SU) Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5637.500	57.73	68.2	10.47	Peak	345.00	100	Horizontal	Pass
2	5650.000	55.77	68.2	12.43	Peak	311.00	200	Horizontal	Pass

U-NII-3 11ax80(SU) Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.20	68.4	12.20	Peak	103.00	200	Horizontal	Pass
2	5940.500	57.28	68.2	10.92	Peak	274.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26040022-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26040022-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26040022-AI.PDF”.

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--END OF REPORT--