

TEST REPORT

Applicant: TENG INTERNACIONAL TRADING LIMITED
Address: 4f 299 QRC NOS 287 299 QUEENS RD CENTRAL,
HONG KONG
Equipment Type: Pos Terminal
Model Name: P8
Brand Name: TENG INTERNACIONAL
FCC ID: 2BTGQ-P8
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: May 06, 2026
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ISSUED BY:

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Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jul. 02, 2026</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	601, Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☒ Building 2, Intelligent Connected Vehicle Industrial Park, No.55, Xiangshan Road, Luotian Community, Yanluo Sub-district, Bao'an District, Shenzhen, Guangdong
	☐ 1/F., Building B, Ganghongji High-Tech Intelligent Industrial Park, No.1008, Songbai Road, Yangguang Community, Xili Subdistrict, Nanshan District, Shenzhen, Guangdong
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	TENG INTERNACIONAL TRADING LIMITED
Address	4f 299 QRC NOS 287 299 QUEENS RD CENTRAL, HONG KONG

2.2 Manufacturer Information

Manufacturer	TENG INTERNACIONAL TRADING LIMITED
Address	4f 299 QRC NOS 287 299 QUEENS RD CENTRAL, HONG KONG

2.3 General Description for Equipment under Test (EUT)

EUT Name	Pos Terminal
Model Name Under Test	P8
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GPRS/EDGE 850/1900 3G Network WCDMA/HSDPA/HSUPA Band 2/5 4G Network LTE FDD Band 5/7 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n, 802.11ac NFC
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☒ Mobile ☐ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 24.21 mW U-NII-2A: 23.33 mW U-NII-2C: 22.96 mW U-NII-3: 23.44 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: -3.21 dBi U-NII-2A: 5250 MHz to 5350 MHz: -3.42 dBi U-NII-2C: 5470 MHz to 5725 MHz: -3.36 dBi U-NII-3: 5725 MHz to 5850 MHz: -3.35 dBi
About the Product	The equipment is Pos Terminal, intended for used with information technology equipment.

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)
36	5180	38	5190	42	5210
40	5200	46	5230	58	5290
44	5220	54	5270	106	5530
48	5240	62	5310	122	5610
52	5260	102	5510	155	5775
56	5280	110	5550		
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	151	5755		
108	5540	159	5795		
112	5560				
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
149	5745				
153	5765				
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)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	52	Low	5260
44	Mid	5220	60	Mid	5300
48	High	5240	64	High	5320

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	149	Low	5745
116	Mid	5580	157	Mid	5785
140	High	5700	165	High	5825

For 802.11n(HT40)/ac(VHT40)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	54	Low	5270
46	High	5230	62	High	5310

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

For 802.11ac(VHT80)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	58	Mid	5290

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	155	Mid	5775
122	High	5610			

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-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	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	ANSI C63.10-2020	American National Standard for Procedures for Compliance Testing of Unlicensed Wireless Devices
3	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass ^{Note1}
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	44% to 65%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+19.8℃ to +25.1℃
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	MY52510065	2025.06.16	2026.06.15
Power Sensor	KEYSIGHT	U2063XA	MY58000247	2025.06.16	2026.06.15
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2025.06.16	2026.06.15
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	01631	2025.02.22	2028.02.21
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2025.01.04	2028.01.03
Amplifier	COM-MV	LSCX_LNA1-12G-01	180602	2025.06.17	2026.06.16
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2025.06.17	2026.06.16
EMI Receiver	KEYSIGHT	N9038A	MY55330120	2025.06.17	2026.06.16
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9168	9168-00867	2025.03.23	2028.03.22
Amplifier	COM-MV	ZT30-1000M	B2017119081	2025.11.26	2026.11.25
Anechoic Chamber	RAINFORD	9m*6m*6m	106-1	2026.01.20	2029.01.19
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2025.06.16	2026.06.15
LISN	SCHWARZBECK	NSLK 8127	8127-687	2026.03.25	2027.03.24
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2025.02.14	2028.02.13
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2025.06.16	2026.06.15
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2027.01.22
Amplifier	COM-MV	ZT30-1000M	B2018054558	2025.11.26	2026.11.25
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2024.07.13	2027.07.12
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2025.10.30	2026.10.29
Amplifier	COM-MV	KA LNA18 40G-01	10248150	2025.12.04	2026.12.03
Spectrum Analyzer	R&S	FSV40	101544	2025.10.30	2026.10.29

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%

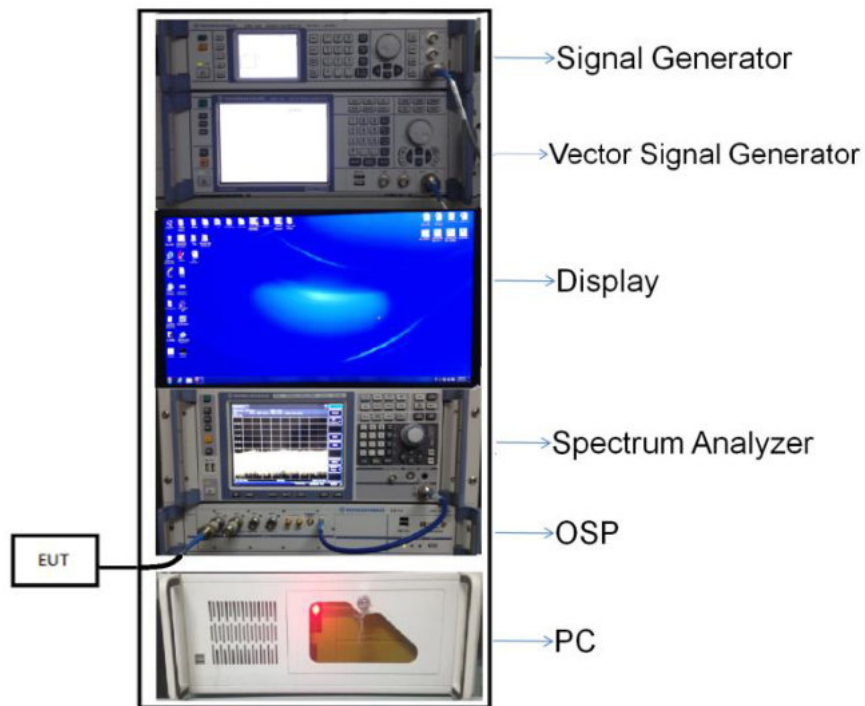
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

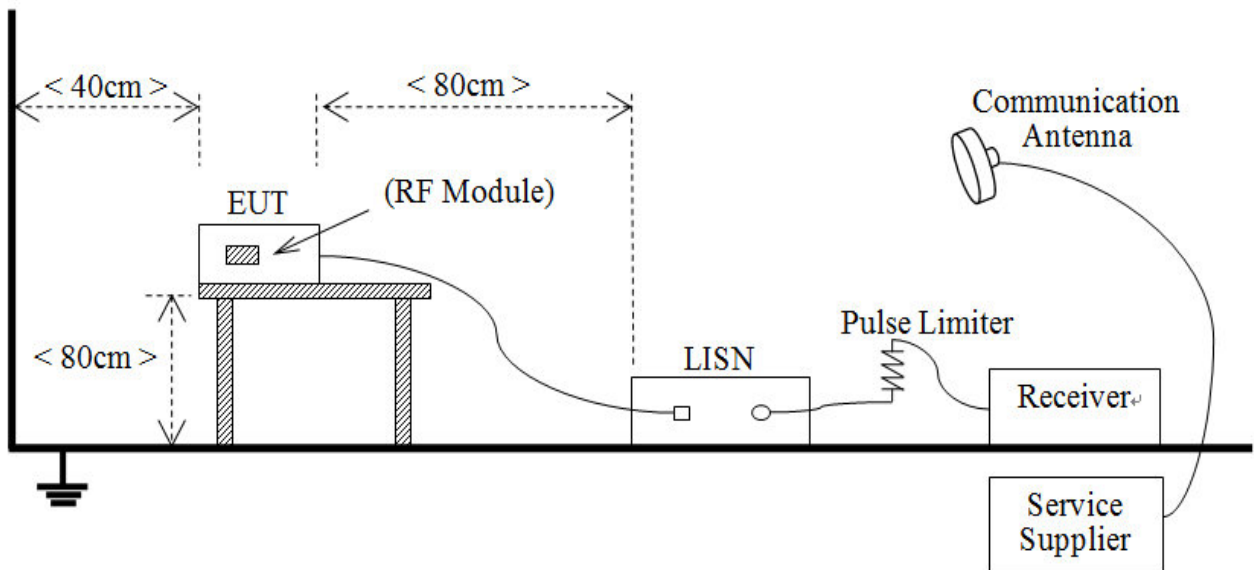
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



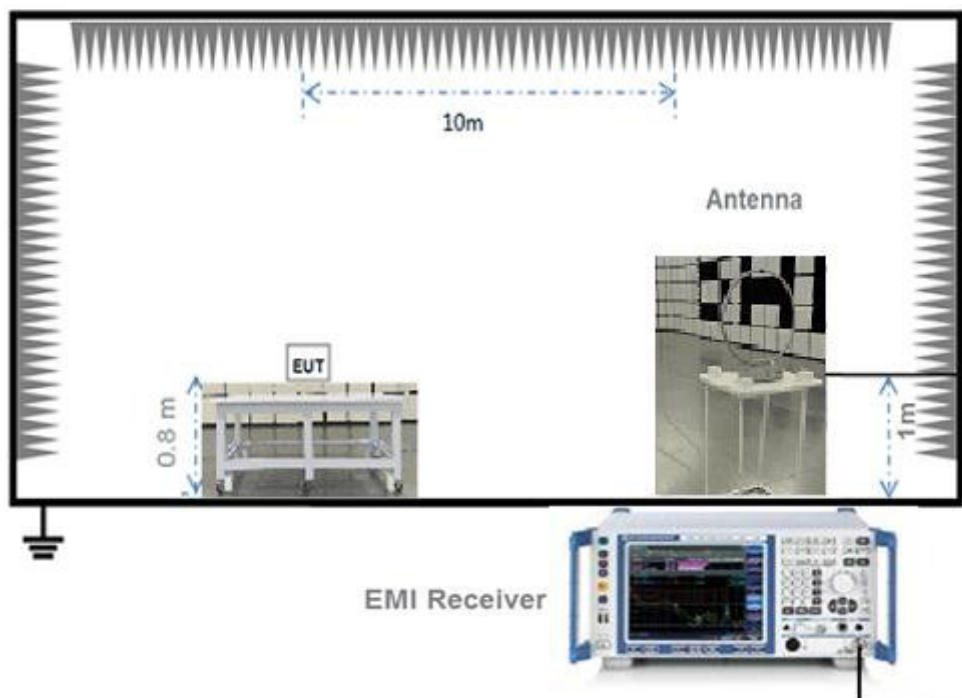
(Diagram 1)

4.5.2 For AC Power Supply Port Test



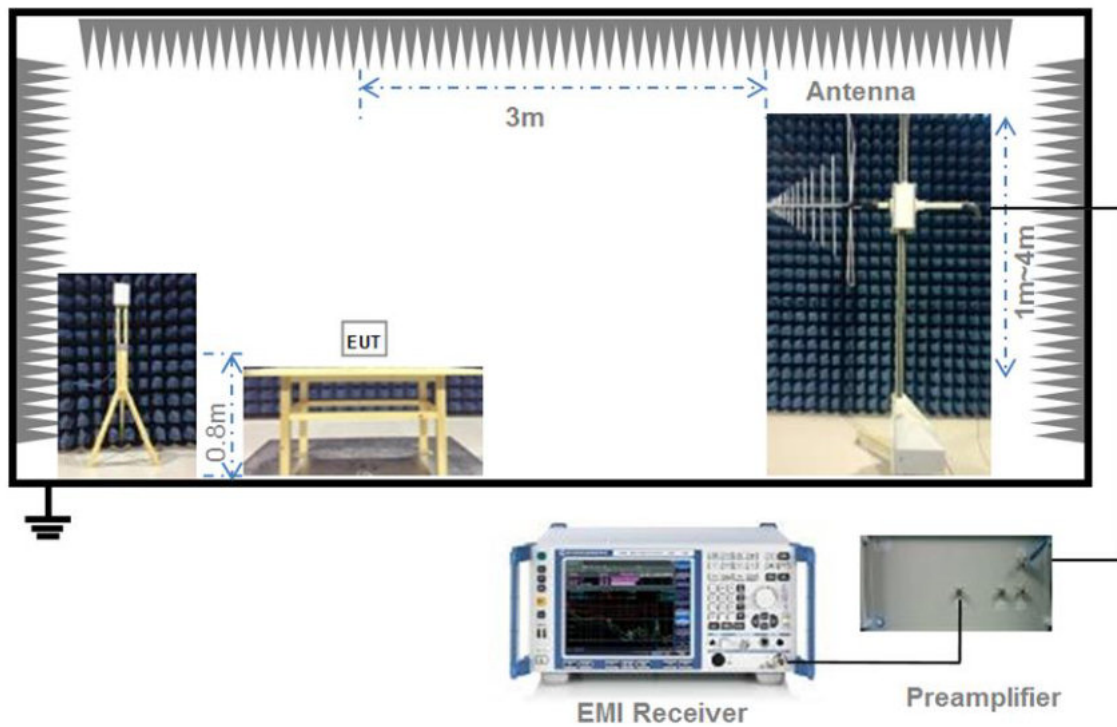
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



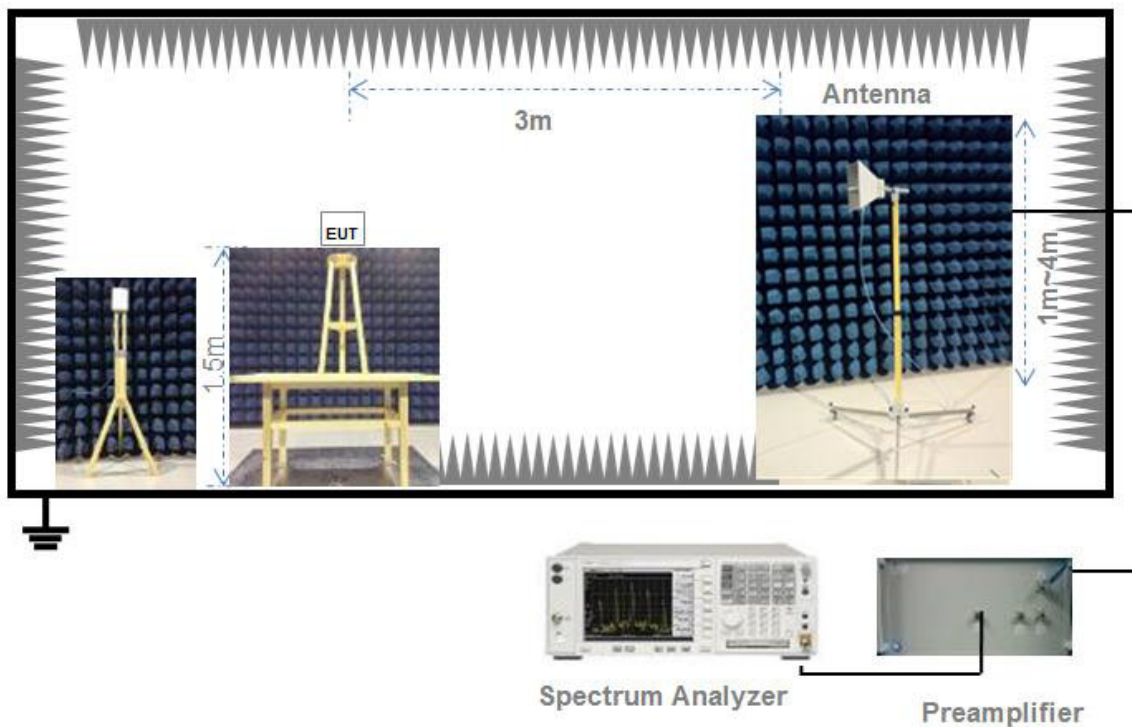
(Diagram 3)

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.z	

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. Measure the duty cycle, x , of the transmitter output signal as described in II.B.
2. Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.
3. Set RBW = 510 kHz/1 MHz.
4. Set VBW $\geq 3 \times$ RBW.
5. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$. (This ensures that bin-to-bin spacing is $\leq \text{RBW}/2$, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto.
7. Detector = power averaging (rms), if available. Otherwise, use sample detector mode.
8. Do not use sweep triggering. Allow the sweep to “free run.”
9. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.
10. Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument’s band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.
11. Add $10 \log (1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add $10 \log (1/0.25) = 6 \text{ dB}$ if the duty cycle is 25%.

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.

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

Radiated Spurious Emissions:

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

- 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).
- Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)
- 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)

MHz).

d) 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).

e) 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.

f) Compare the resultant electric field strength level to the applicable limit.

g) 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 span/(# of points in sweep) $\leq$ (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

Band Edge (Restricted-band):

If the EUT can be configured or modified to transmit continuously ($D \geq 98\%$), measured using the following method (with EUT transmitting continuously):

Use the following spectrum analyzer settings:

Set instrument center frequency to the frequency of the emission to be measured (must be within 2 MHz of the authorized band-edge).

RBW = 100 kHz.

VBW $\geq [3 \times \text{RBW}]$.

Detector = Power averaging (rms), if $[\text{span} / (\# \text{ of points in sweep})] \leq (\text{RBW} / 2)$.

Averaging type = power (i.e., rms):

As an alternative, the detector and averaging type may be set for linear voltage averaging.

Some instruments require linear display mode to use linear voltage averaging. Log or dB averaging shall not be used.

Sweep time = auto.

Perform a trace average of at least 100 traces.

Compute the power by integrating the spectrum over 1 MHz using the analyzer's band-power measurement function with band limits set equal to the emission frequency ($f_{\text{emission}} \pm 0.5 \text{ MHz}$). If the instrument does not have a band-power function, then sum the amplitude levels (in power units) at 100 kHz intervals extending across the 1 MHz spectrum defined by $f_{\text{emission}} \pm 0.5 \text{ MHz}$.

If continuous transmission of the EUT ($D \geq 98\%$) cannot be achieved and the duty cycle is constant (duty cycle variations are less $\pm 2\%$), then the following procedure may be used to measure the average power of unwanted emissions within 2 MHz of the authorized band-edge:

RBW = 100 kHz.

VBW $\geq [3 \times \text{RBW}]$.

Detector = Power averaging (rms), if $[\text{span} / (\# \text{ of points in sweep})] \leq (\text{RBW} / 2)$.

Averaging type = power (i.e., rms):

Detector = Power averaging (rms), if $[\text{span} / (\# \text{ of points in sweep})] \leq (\text{RBW} / 2)$. Satisfying this condition might 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.

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 to use linear voltage averaging. Log or dB averaging shall not be used.

Sweep time = auto.

Perform a trace average of at least 100 traces.

Compute the power by integrating the spectrum over 1 MHz using the instrument's band-power measurement function with band limits set equal to the emission frequency (f_{emission}) ± 0.5 MHz. If the spectrum analyzer does not have a band-power function, then sum the amplitude levels (in power units) at 100 kHz intervals extending across the 1 MHz spectrum defined by f_{emission} ± 0.5 MHz.

A correction factor shall be added to the measurement results prior to comparing with the emission limit to compute the emission level that would have been measured had the test been performed at 100% 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 $[10 \log (1 / D)]$, where D is the duty cycle.
- 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $[20 \log (1 / D)]$, where D is the duty cycle.
- 3) If a specific emission is demonstrated to be continuous ($D \geq 98\%$) rather than turning ON and OFF with the transmit cycle, then no duty cycle correction is required for that emission.

Reduction of the measured emission amplitude levels to account for operational duty cycle is not permitted. Determining compliance is based on emission levels occurring during transmission—it is not based on an average across ON and OFF times of the transmitter.

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note: 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.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	1.39	1.44	96.87%	0.14
11n(HT20)/11ac(VHT20)	1.31	1.36	96.68%	0.15
11n(HT40)/11ac(VHT40)	1.31	1.36	96.68%	0.15
11ac(VHT80)	0.32	0.37	87.86%	0.56

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	13.84	24.21	250	Pass
11a	CH44	13.50	22.39	250	Pass
11a	CH48	13.67	23.28	250	Pass
11n(HT20)	CH36	12.77	18.92	250	Pass
11n(HT20)	CH44	12.76	18.88	250	Pass
11n(HT20)	CH48	12.92	19.59	250	Pass
11n(HT40)	CH38	12.78	18.97	250	Pass
11n(HT40)	CH46	12.82	19.14	250	Pass
11ac(VHT20)	CH36	13.11	20.46	250	Pass
11ac(VHT20)	CH44	13.24	21.09	250	Pass
11ac(VHT20)	CH48	13.02	20.04	250	Pass
11ac(VHT40)	CH38	12.72	18.71	250	Pass
11ac(VHT40)	CH46	12.83	19.19	250	Pass
11ac(VHT80)	CH42	12.52	17.86	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	13.22	20.99	210	Pass
11a	CH60	13.57	22.75	211	Pass
11a	CH64	13.68	23.33	211	Pass
11n(HT20)	CH52	13.22	20.99	223	Pass
11n(HT20)	CH60	13.24	21.09	223	Pass
11n(HT20)	CH64	13.12	20.51	224	Pass
11n(HT40)	CH54	13.12	20.51	250	Pass
11n(HT40)	CH62	13.31	21.43	250	Pass
11ac(VHT20)	CH52	13.03	20.09	223	Pass
11ac(VHT20)	CH60	13.44	22.08	223	Pass
11ac(VHT20)	CH64	13.05	20.18	223	Pass
11ac(VHT40)	CH54	12.50	17.78	250	Pass
11ac(VHT40)	CH62	12.78	18.97	250	Pass
11ac(VHT80)	CH58	10.55	11.35	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	13.48	22.28	210	Pass
11a	CH116	13.42	21.98	211	Pass
11a	CH140	13.61	22.96	210	Pass
11n(HT20)	CH100	13.16	20.70	223	Pass
11n(HT20)	CH116	13.24	21.09	223	Pass
11n(HT20)	CH140	11.25	13.34	223	Pass
11n(HT40)	CH102	11.59	14.42	250	Pass
11n(HT40)	CH118	13.15	20.65	250	Pass
11n(HT40)	CH134	13.18	20.80	250	Pass
11ac(VHT20)	CH100	13.17	20.75	223	Pass
11ac(VHT20)	CH116	13.19	20.84	223	Pass
11ac(VHT20)	CH140	13.37	21.73	223	Pass
11ac(VHT40)	CH102	12.54	17.95	250	Pass
11ac(VHT40)	CH118	12.65	18.41	250	Pass
11ac(VHT40)	CH134	12.78	18.97	250	Pass
11ac(VHT80)	CH106	12.42	17.46	250	Pass
11ac(VHT80)	CH122	12.53	17.91	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	13.62	23.01	1000	Pass
11a	CH157	13.67	23.28	1000	Pass
11a	CH165	13.70	23.44	1000	Pass
11n(HT20)	CH149	13.04	20.14	1000	Pass
11n(HT20)	CH157	13.02	20.04	1000	Pass
11n(HT20)	CH165	13.07	20.28	1000	Pass
11n(HT40)	CH151	12.95	19.72	1000	Pass
11n(HT40)	CH159	12.98	19.86	1000	Pass
11ac(VHT20)	CH149	12.91	19.54	1000	Pass
11ac(VHT20)	CH157	12.96	19.77	1000	Pass
11ac(VHT20)	CH165	13.01	20.00	1000	Pass
11ac(VHT40)	CH151	12.84	19.23	1000	Pass
11ac(VHT40)	CH159	12.92	19.59	1000	Pass
11ac(VHT80)	CH155	12.61	18.24	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: Ti-EE26050241-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.22	16.45
11a	CH44	20.21	16.46
11a	CH48	20.21	16.46
11n(HT20)	CH36	20.53	17.57
11n(HT20)	CH44	20.49	17.59
11n(HT20)	CH48	20.66	17.59
11n(HT40)	CH38	41.22	36.04
11n(HT40)	CH46	41.10	36.06
11ac(VHT20)	CH36	20.63	17.57
11ac(VHT20)	CH44	20.53	17.58
11ac(VHT20)	CH48	20.53	17.57
11ac(VHT40)	CH38	41.14	36.01
11ac(VHT40)	CH46	40.94	36.01
11ac(VHT80)	CH42	81.65	75.33

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.32	16.44
11a	CH60	20.16	16.45
11a	CH64	20.25	16.43
11n(HT20)	CH52	20.43	17.58
11n(HT20)	CH60	20.51	17.57
11n(HT20)	CH64	20.53	17.55
11n(HT40)	CH54	40.99	36.01
11n(HT40)	CH62	41.29	36.05
11ac(VHT20)	CH52	20.51	17.56
11ac(VHT20)	CH60	20.58	17.58
11ac(VHT20)	CH64	20.62	17.57
11ac(VHT40)	CH54	41.17	35.99
11ac(VHT40)	CH62	41.16	36.00
11ac(VHT80)	CH58	81.90	75.37

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.22	16.43
11a	CH116	20.13	16.44
11a	CH140	20.18	16.45
11n(HT20)	CH100	20.65	17.57
11n(HT20)	CH116	20.61	17.56
11n(HT20)	CH140	20.55	17.55
11n(HT40)	CH102	41.48	36.06
11n(HT40)	CH118	40.99	36.01
11n(HT40)	CH134	41.03	36.00
11ac(VHT20)	CH100	20.53	17.54
11ac(VHT20)	CH116	20.45	17.57
11ac(VHT20)	CH140	20.50	17.54
11ac(VHT40)	CH102	40.92	36.01
11ac(VHT40)	CH118	41.13	36.00
11ac(VHT40)	CH134	41.38	36.03
11ac(VHT80)	CH106	81.57	75.35
11ac(VHT80)	CH122	81.47	75.31

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.31	16.46
11a	CH157	20.26	16.46
11a	CH165	20.27	16.43
11n(HT20)	CH149	20.44	17.57
11n(HT20)	CH157	20.58	17.56
11n(HT20)	CH165	20.58	17.54
11n(HT40)	CH151	41.02	36.01
11n(HT40)	CH159	40.88	36.01
11ac(VHT20)	CH149	20.43	17.56
11ac(VHT20)	CH157	20.47	17.58
11ac(VHT20)	CH165	20.42	17.57
11ac(VHT40)	CH151	41.03	36.00
11ac(VHT40)	CH159	41.14	36.05
11ac(VHT80)	CH155	81.82	75.40

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: Ti-EE26050241-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	15.30	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n(HT20)	CH149	15.20	500.00	Pass
11n(HT20)	CH157	14.10	500.00	Pass
11n(HT20)	CH165	15.30	500.00	Pass
11n(HT40)	CH151	35.20	500.00	Pass
11n(HT40)	CH159	35.20	500.00	Pass
11ac(VHT20)	CH149	15.30	500.00	Pass
11ac(VHT20)	CH157	15.20	500.00	Pass
11ac(VHT20)	CH165	15.70	500.00	Pass
11ac(VHT40)	CH151	35.20	500.00	Pass
11ac(VHT40)	CH159	35.20	500.00	Pass
11ac(VHT80)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note: Test plots please refer to the document "Annex No.: Ti-EE26050241-604 Data Part 3.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)						
Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH36	2.90	0.14	3.04	11.00	Pass
11a	CH44	2.54	0.14	2.68	11.00	Pass
11a	CH48	2.38	0.14	2.52	11.00	Pass
11n(HT20)	CH36	1.64	0.15	1.79	11.00	Pass
11n(HT20)	CH44	1.53	0.15	1.68	11.00	Pass
11n(HT20)	CH48	1.70	0.15	1.85	11.00	Pass
11n(HT40)	CH38	-1.21	0.15	-1.06	11.00	Pass
11n(HT40)	CH46	-1.14	0.15	-0.99	11.00	Pass
11ac(VHT20)	CH36	2.27	0.15	2.42	11.00	Pass
11ac(VHT20)	CH44	2.28	0.15	2.42	11.00	Pass
11ac(VHT20)	CH48	1.73	0.15	1.88	11.00	Pass
11ac(VHT40)	CH38	-1.33	0.15	-1.19	11.00	Pass
11ac(VHT40)	CH46	-1.18	0.15	-1.04	11.00	Pass
11ac(VHT80)	CH42	-4.68	0.56	-4.12	11.00	Pass

U-NII-2A (5250 - 5350 MHz)						
Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH52	2.19	0.14	2.33	11.00	Pass
11a	CH60	2.28	0.14	2.42	11.00	Pass
11a	CH64	2.25	0.14	2.39	11.00	Pass
11n(HT20)	CH52	1.80	0.15	1.95	11.00	Pass
11n(HT20)	CH60	1.92	0.15	2.07	11.00	Pass
11n(HT20)	CH64	1.51	0.15	1.66	11.00	Pass
11n(HT40)	CH54	-1.22	0.15	-1.07	11.00	Pass
11n(HT40)	CH62	-1.06	0.15	-0.91	11.00	Pass
11ac(VHT20)	CH52	1.84	0.15	1.99	11.00	Pass
11ac(VHT20)	CH60	2.05	0.15	2.20	11.00	Pass
11ac(VHT20)	CH64	1.44	0.15	1.59	11.00	Pass
11ac(VHT40)	CH54	-1.86	0.15	-1.71	11.00	Pass
11ac(VHT40)	CH62	-1.53	0.15	-1.38	11.00	Pass
11ac(VHT80)	CH58	-6.10	0.56	-5.54	11.00	Pass

U-NII-2C (5470 - 5725 MHz)						
Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	FCC Limit (dBm/MHz)	Verdict
11a	CH100	2.39	0.14	2.53	11.00	Pass
11a	CH116	2.15	0.14	2.29	11.00	Pass
11a	CH140	2.10	0.14	2.24	11.00	Pass
11n(HT20)	CH100	2.11	0.15	2.26	11.00	Pass
11n(HT20)	CH116	1.86	0.15	2.01	11.00	Pass
11n(HT20)	CH140	0.81	0.15	0.96	11.00	Pass
11n(HT40)	CH102	-2.02	0.15	-1.87	11.00	Pass
11n(HT40)	CH118	-1.05	0.15	-0.90	11.00	Pass
11n(HT40)	CH134	-1.36	0.15	-1.21	11.00	Pass
11ac(VHT20)	CH100	1.91	0.15	2.06	11.00	Pass
11ac(VHT20)	CH116	1.83	0.15	1.98	11.00	Pass
11ac(VHT20)	CH140	1.78	0.15	1.93	11.00	Pass
11ac(VHT40)	CH102	-1.47	0.15	-1.32	11.00	Pass
11ac(VHT40)	CH118	-1.61	0.15	-1.46	11.00	Pass
11ac(VHT40)	CH134	-1.79	0.15	-1.64	11.00	Pass
11ac(VHT80)	CH106	-4.90	0.56	-4.34	11.00	Pass
11ac(VHT80)	CH122	-5.11	0.56	-4.54	11.00	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	Measured PSD (dBm/500kHz)	Duty Factor	PSD (dBm/500kHz)	FCC Limit (dBm/500kHz)	Verdict
11a	CH149	-0.62	0.14	-0.48	30.00	Pass
11a	CH157	-0.59	0.14	-0.45	30.00	Pass
11a	CH165	-0.63	0.14	-0.49	30.00	Pass
11n(HT20)	CH149	-1.02	0.15	-0.87	30.00	Pass
11n(HT20)	CH157	-1.37	0.15	-1.22	30.00	Pass
11n(HT20)	CH165	-1.39	0.15	-1.24	30.00	Pass
11n(HT40)	CH151	-4.16	0.15	-4.01	30.00	Pass
11n(HT40)	CH159	-4.49	0.15	-4.34	30.00	Pass
11ac(VHT20)	CH149	-1.04	0.15	-0.89	30.00	Pass
11ac(VHT20)	CH157	-1.31	0.15	-1.16	30.00	Pass
11ac(VHT20)	CH165	-1.28	0.15	-1.13	30.00	Pass
11ac(VHT40)	CH151	-4.14	0.15	-3.99	30.00	Pass
11ac(VHT40)	CH159	-4.44	0.15	-4.29	30.00	Pass
11ac(VHT80)	CH155	-7.45	0.56	-6.89	30.00	Pass

A.5 Conducted Emissions

Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

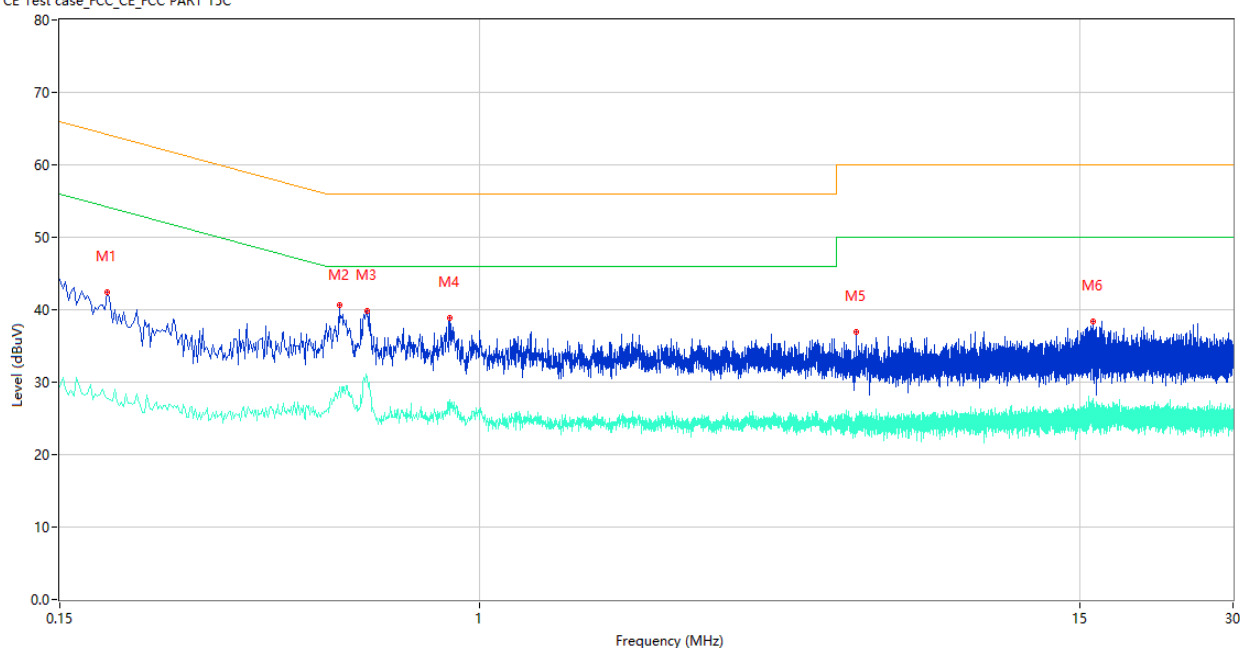
Note²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

Note³: Results (dBuV) = Original reading level of Spectrum Analyzer (dBuV) + Factor (dB)

Test Data and Plots

PHASE L

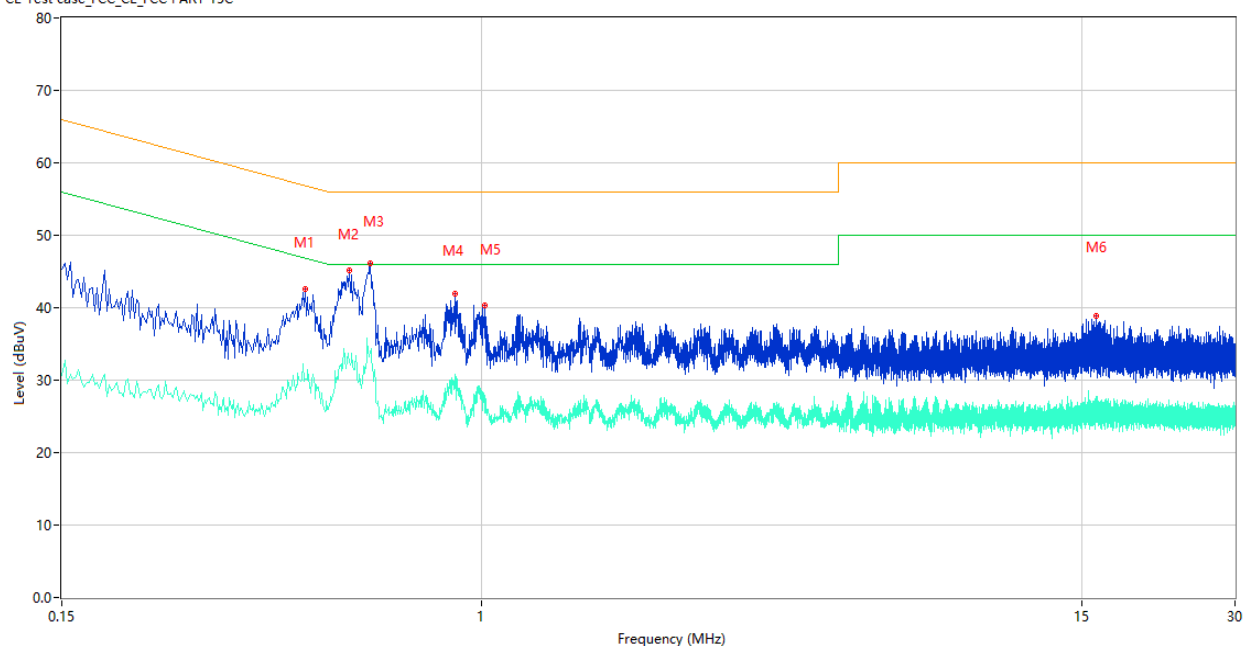
CE Test case_FCC_CE_FCC PART 15C



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.186	42.40	9.84	64.21	21.81	Peak	L	Pass
1**	0.186	27.81	9.84	54.21	26.40	AV	L	Pass
2	0.530	40.65	10.07	56.00	15.35	Peak	L	Pass
2**	0.530	28.81	10.07	46.00	17.19	AV	L	Pass
3	0.602	39.84	10.22	56.00	16.16	Peak	L	Pass
3**	0.602	30.43	10.22	46.00	15.57	AV	L	Pass
4	0.872	38.83	10.48	56.00	17.17	Peak	L	Pass
4**	0.872	27.52	10.48	46.00	18.48	AV	L	Pass
5	5.484	36.94	10.36	60.00	23.06	Peak	L	Pass
5**	5.484	25.60	10.36	50.00	24.40	AV	L	Pass
6	15.928	38.45	10.61	60.00	21.55	Peak	L	Pass
6**	15.928	26.31	10.61	50.00	23.69	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	0.450	42.54	10.09	56.88	14.34	Peak	N	Pass
1**	0.450	30.16	10.09	46.88	16.72	AV	N	Pass
2	0.550	45.18	10.09	56.00	10.82	Peak	N	Pass
2**	0.550	32.62	10.09	46.00	13.38	AV	N	Pass
3	0.604	46.14	10.22	56.00	9.86	Peak	N	Pass
3**	0.604	33.94	10.22	46.00	12.06	AV	N	Pass
4	0.886	42.00	10.36	56.00	14.00	Peak	N	Pass
4**	0.886	30.73	10.36	46.00	15.27	AV	N	Pass
5	1.014	40.26	10.09	56.00	15.74	Peak	N	Pass
5**	1.014	27.95	10.09	46.00	18.05	AV	N	Pass
6	16.040	38.83	10.86	60.00	21.17	Peak	N	Pass
6**	16.040	25.58	10.86	50.00	24.42	AV	N	Pass

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

Note¹: The symbol of "--" in the table which means not application.

Note²: 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.

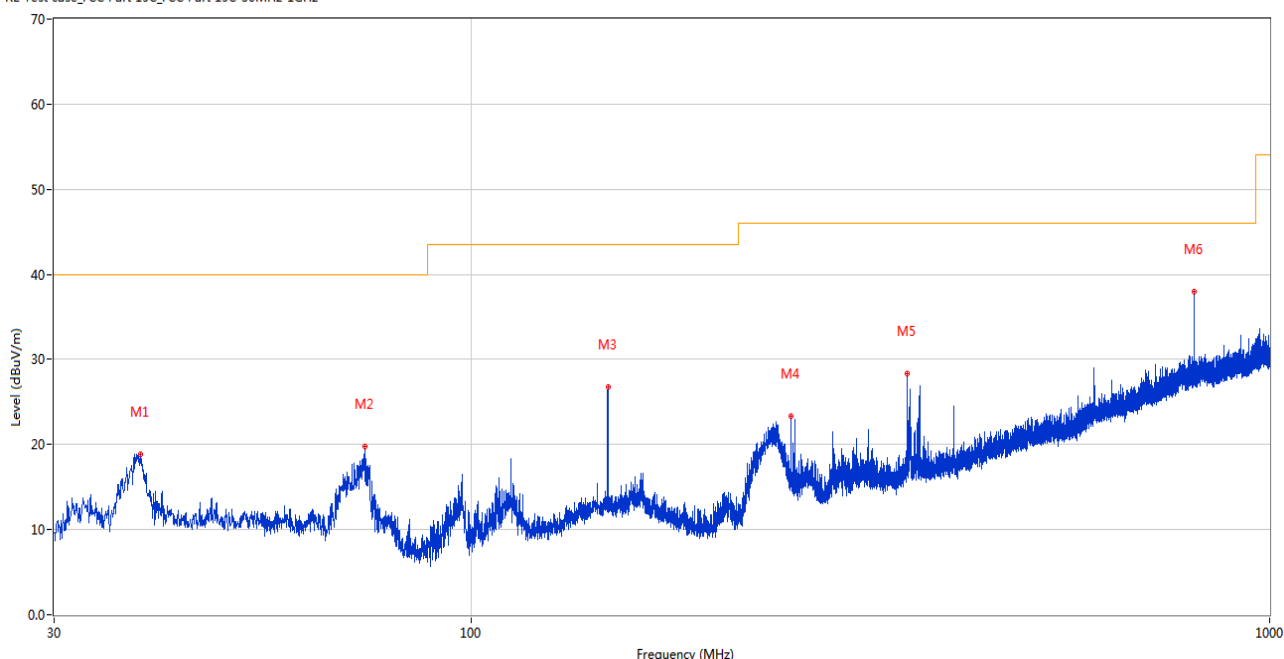
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

Test Data and Plots

30 MHz to 1 GHz, ANT H

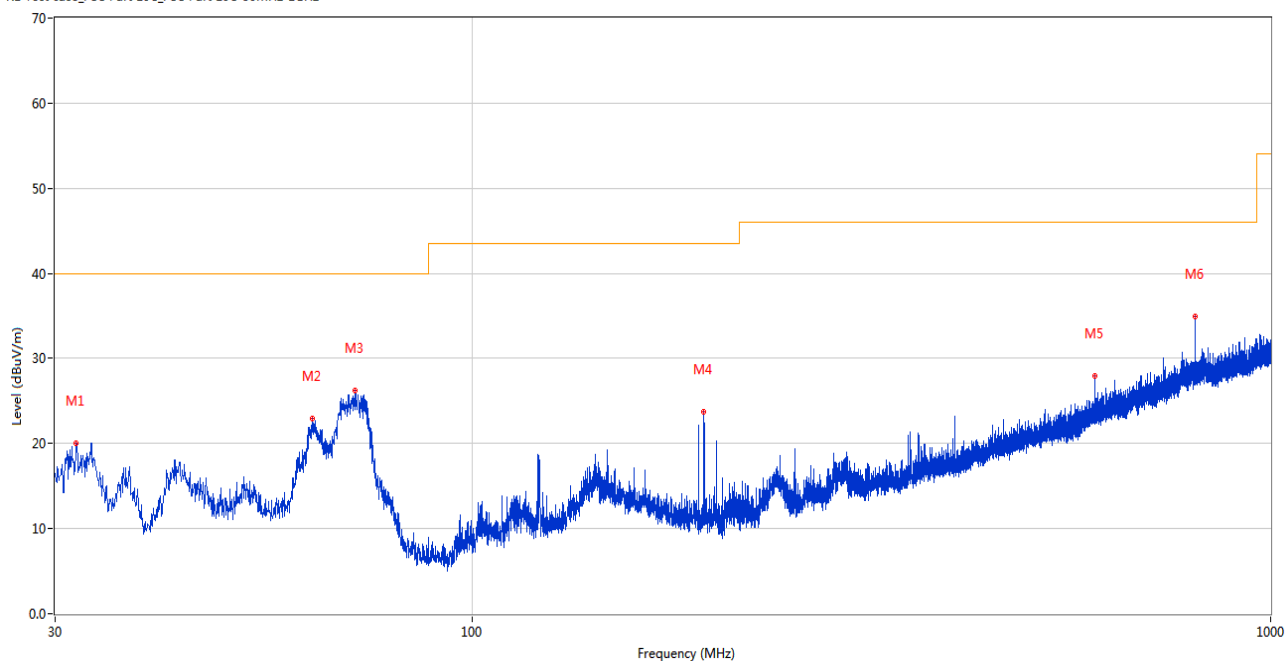
RE Test case_FCC Part 15C_FCC Part 15C-30MHz-1GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	38.439	18.87	-25.72	40.0	21.13	Peak	249.00	100	Horizontal	Pass
2	73.456	19.75	-27.44	40.0	20.25	Peak	360.00	200	Horizontal	Pass
3	148.194	26.80	-23.71	43.5	16.70	Peak	161.00	100	Horizontal	Pass
4	251.257	23.31	-24.40	46.0	22.69	Peak	104.00	100	Horizontal	Pass
5	351.749	28.33	-20.50	46.0	17.67	Peak	62.00	100	Horizontal	Pass
6	804.011	37.92	-9.16	46.0	8.08	Peak	128.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

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

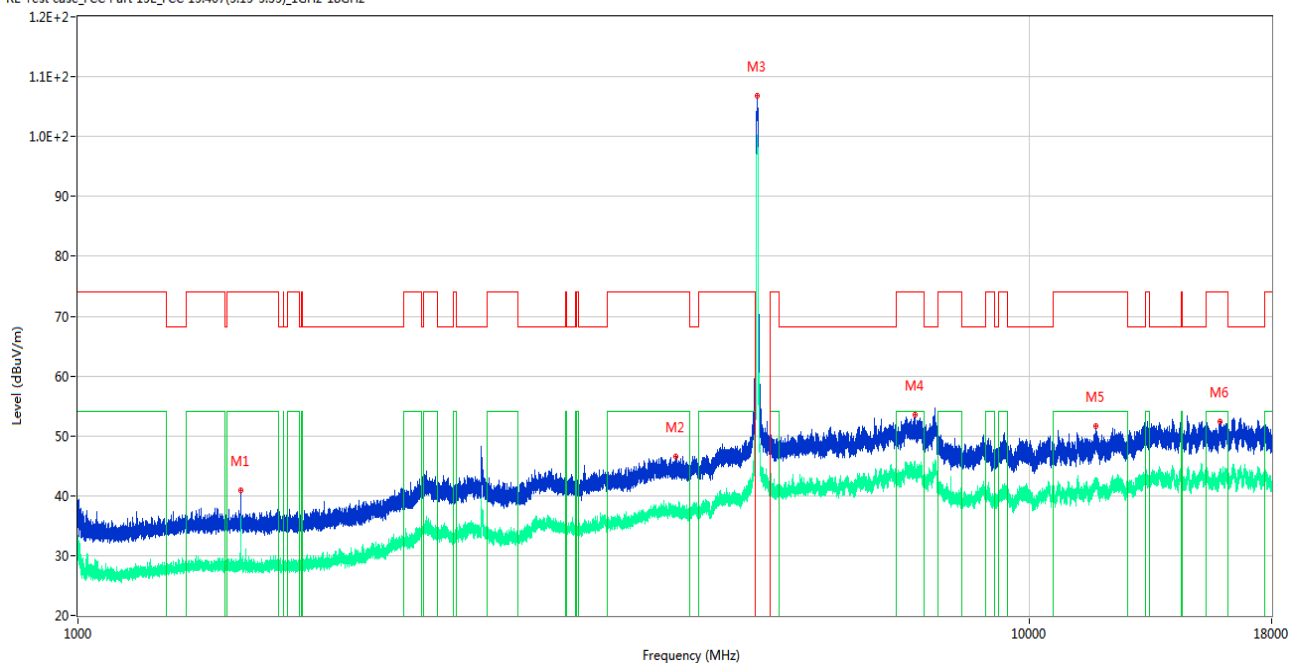


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	31.892	20.05	-26.76	40.0	19.95	Peak	55.00	200	Vertical	Pass
2	62.931	22.98	-25.97	40.0	17.02	Peak	354.00	100	Vertical	Pass
3	71.322	26.22	-27.12	40.0	13.78	Peak	97.00	100	Vertical	Pass
4	194.997	23.68	-26.62	43.5	19.82	Peak	280.00	100	Vertical	Pass
5	603.028	27.94	-13.01	46.0	18.06	Peak	189.00	100	Vertical	Pass
6	804.011	34.91	-9.16	46.0	11.09	Peak	147.00	200	Vertical	Pass

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

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

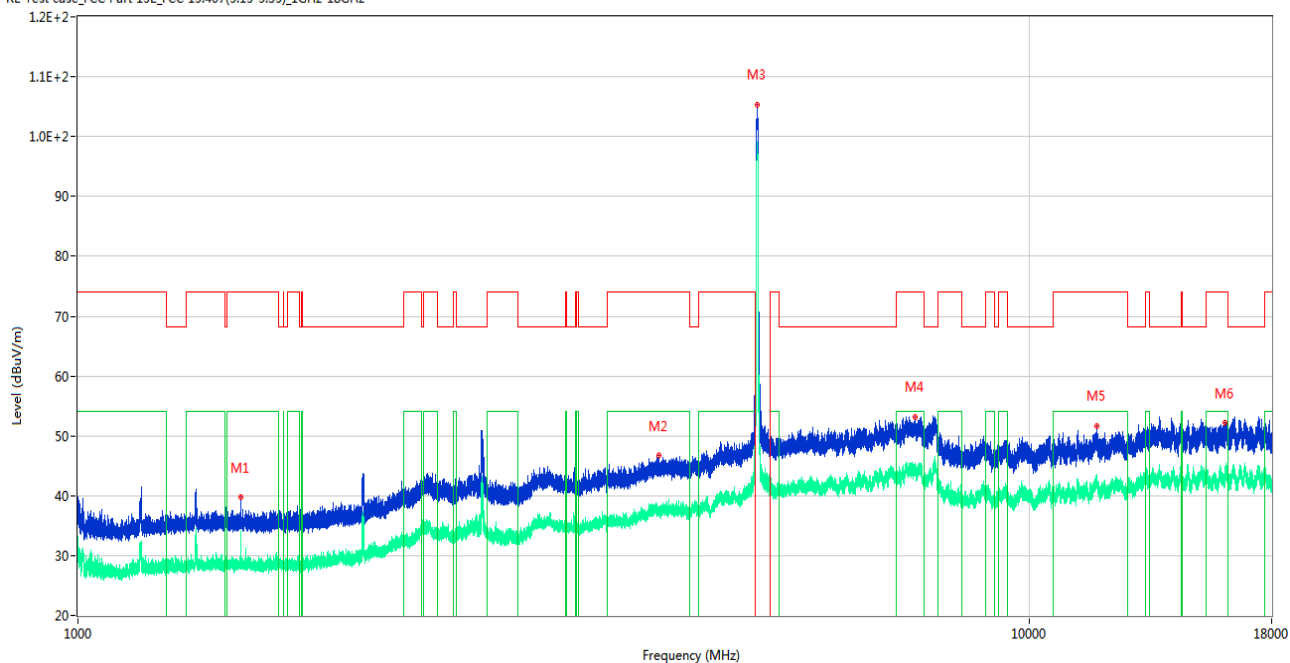
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.700	40.85	74.0	33.15	Peak	8.00	200	Horizontal	Pass
1**	1483.700	35.92	54.0	18.08	AV	8.00	200	Horizontal	Pass
2	4256.500	46.53	74.0	27.47	Peak	0.00	100	Horizontal	Pass
2**	4256.500	37.52	54.0	16.48	AV	0.00	100	Horizontal	Pass
3	5181.500	106.73	--	--	Peak	73.00	200	Horizontal	N/A
3**	5181.500	99.55	--	--	AV	73.00	200	Horizontal	N/A
4	7587.250	53.51	74.0	20.49	Peak	0.00	300	Horizontal	Pass
4**	7587.250	45.36	54.0	8.64	AV	0.00	300	Horizontal	Pass
5	11756.063	51.59	74.0	22.41	Peak	28.00	100	Horizontal	Pass
5**	11756.063	41.87	54.0	12.13	AV	28.00	100	Horizontal	Pass
6	15884.775	52.32	74.0	21.68	Peak	360.00	100	Horizontal	Pass
6**	15884.775	43.08	54.0	10.92	AV	360.00	100	Horizontal	Pass

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

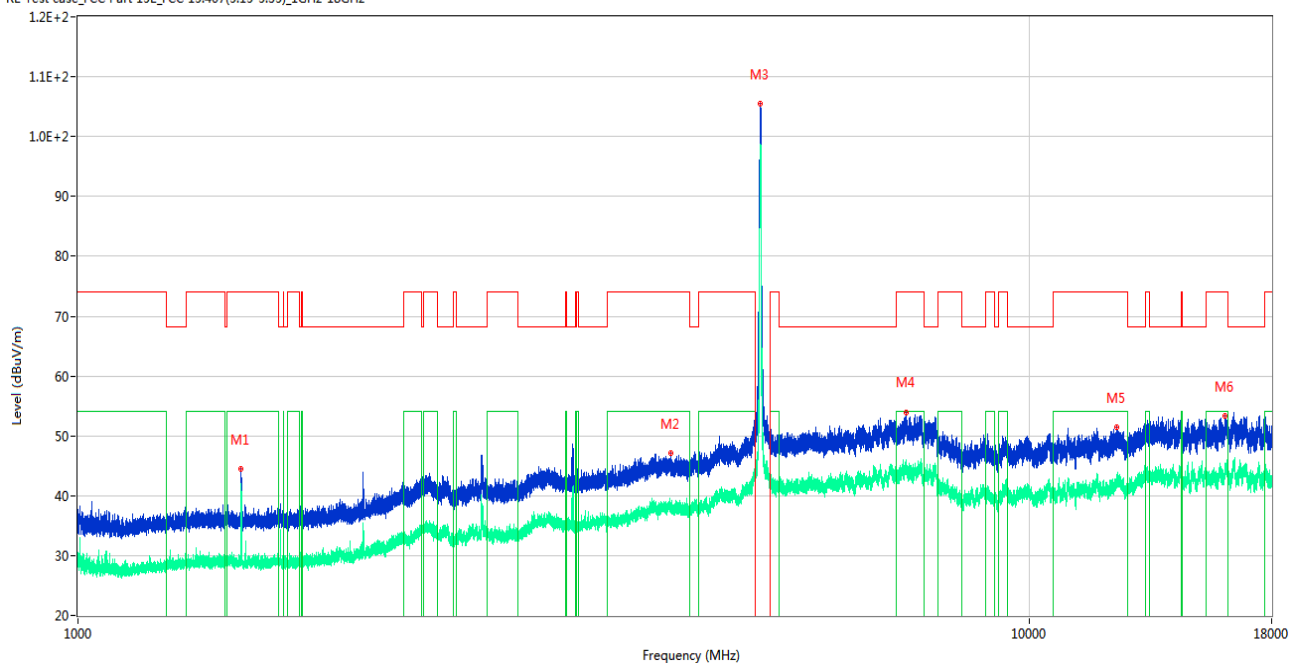
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.400	39.70	74.0	34.30	Peak	250.00	200	Vertical	Pass
1**	1483.400	33.98	54.0	20.02	AV	250.00	200	Vertical	Pass
2	4079.000	46.71	74.0	27.29	Peak	52.00	200	Vertical	Pass
2**	4079.000	36.91	54.0	17.09	AV	52.00	200	Vertical	Pass
3	5181.500	105.36	--	--	Peak	98.00	150	Vertical	N/A
3**	5181.500	98.32	--	--	AV	98.00	150	Vertical	N/A
4	7594.250	53.16	74.0	20.84	Peak	360.00	200	Vertical	Pass
4**	7594.250	44.90	54.0	9.10	AV	360.00	200	Vertical	Pass
5	11787.650	51.65	74.0	22.35	Peak	190.00	200	Vertical	Pass
5**	11787.650	42.02	54.0	11.98	AV	190.00	200	Vertical	Pass
6	16095.300	52.17	74.0	21.83	Peak	117.00	400	Vertical	Pass
6**	16095.300	42.77	54.0	11.23	AV	117.00	400	Vertical	Pass

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

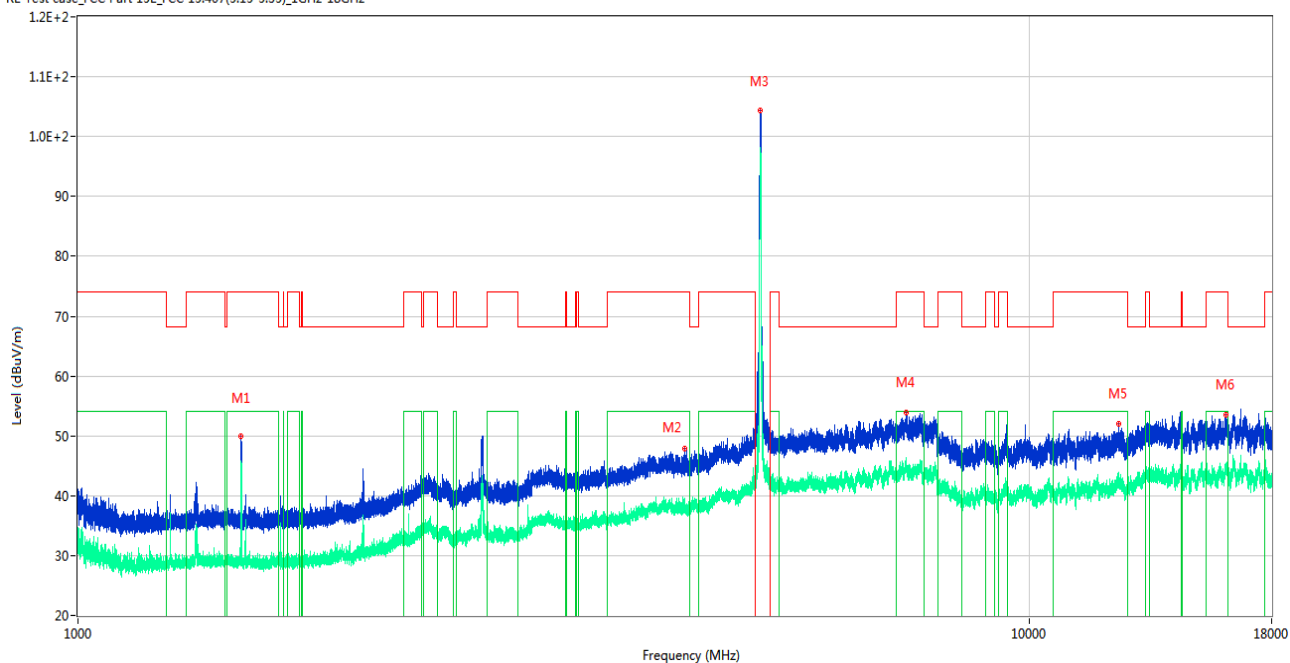
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	44.41	74.0	29.59	Peak	126.00	400	Horizontal	Pass
1**	1484.900	41.51	54.0	12.49	AV	126.00	400	Horizontal	Pass
2	4197.750	47.07	74.0	26.93	Peak	200.00	200	Horizontal	Pass
2**	4197.750	38.08	54.0	15.92	AV	200.00	200	Horizontal	Pass
3	5221.250	105.41	--	--	Peak	110.00	150	Horizontal	N/A
3**	5221.250	98.53	--	--	AV	110.00	150	Horizontal	N/A
4	7428.000	53.93	74.0	20.07	Peak	360.00	200	Horizontal	Pass
4**	7428.000	45.31	54.0	8.69	AV	360.00	200	Horizontal	Pass
5	12364.537	51.43	74.0	22.57	Peak	107.00	200	Horizontal	Pass
5**	12364.537	41.63	54.0	12.37	AV	107.00	200	Horizontal	Pass
6	16064.850	53.27	74.0	20.73	Peak	338.00	300	Horizontal	Pass
6**	16064.850	43.76	54.0	10.24	AV	338.00	300	Horizontal	Pass

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

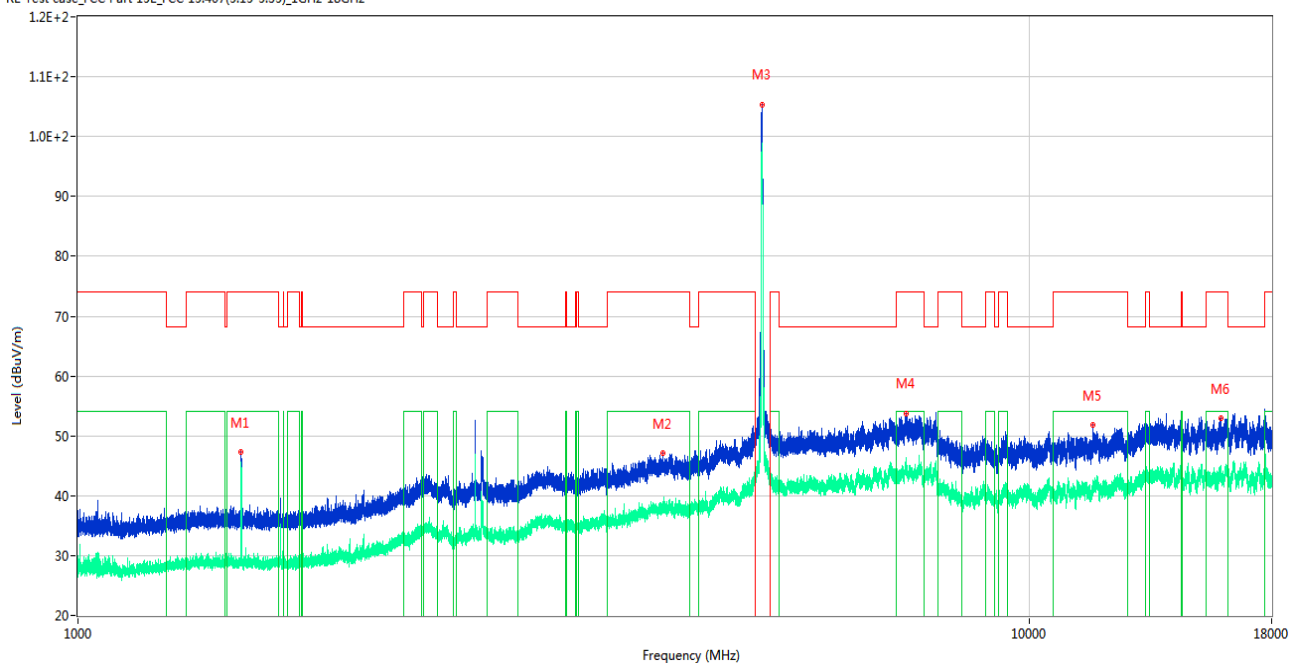
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	49.87	74.0	24.13	Peak	353.00	200	Vertical	Pass
1**	1484.900	45.50	54.0	8.50	AV	353.00	200	Vertical	Pass
2	4347.500	47.86	74.0	26.14	Peak	0.00	300	Vertical	Pass
2**	4347.500	38.49	54.0	15.51	AV	0.00	300	Vertical	Pass
3	5218.250	104.36	--	--	Peak	131.00	200	Vertical	N/A
3**	5218.250	97.27	--	--	AV	131.00	200	Vertical	N/A
4	7423.000	53.93	74.0	20.07	Peak	201.00	100	Vertical	Pass
4**	7423.000	45.25	54.0	8.75	AV	201.00	100	Vertical	Pass
5	12420.825	52.06	74.0	21.94	Peak	337.00	150	Vertical	Pass
5**	12420.825	42.44	54.0	11.56	AV	337.00	150	Vertical	Pass
6	16129.424	53.59	74.0	20.41	Peak	60.00	400	Vertical	Pass
6**	16129.424	44.53	54.0	9.47	AV	60.00	400	Vertical	Pass

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

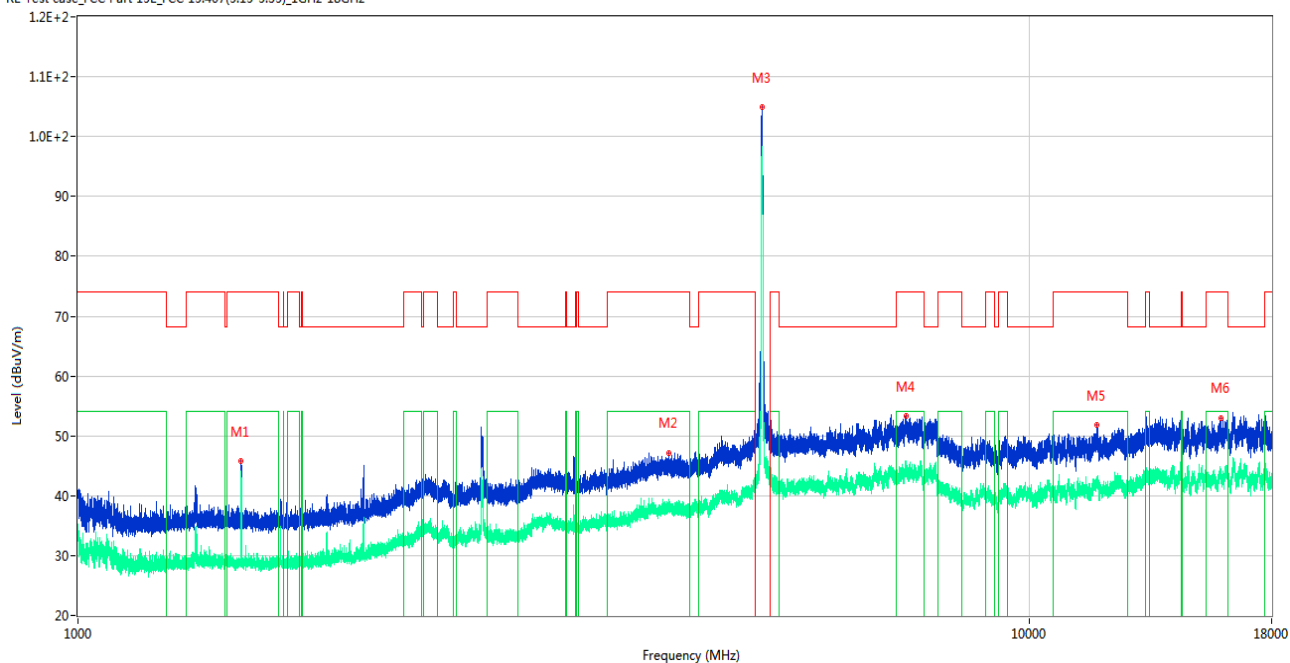
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	47.29	74.0	26.71	Peak	74.00	200	Horizontal	Pass
1**	1485.000	45.59	54.0	8.41	AV	74.00	200	Horizontal	Pass
2	4124.250	47.07	74.0	26.93	Peak	360.00	200	Horizontal	Pass
2**	4124.250	37.83	54.0	16.17	AV	360.00	200	Horizontal	Pass
3	5241.250	105.40	--	--	Peak	113.00	150	Horizontal	N/A
3**	5241.250	98.13	--	--	AV	113.00	150	Horizontal	N/A
4	7421.250	53.76	74.0	20.24	Peak	273.00	100	Horizontal	Pass
4**	7421.250	44.54	54.0	9.46	AV	273.00	100	Horizontal	Pass
5	11672.225	51.76	74.0	22.24	Peak	360.00	200	Horizontal	Pass
5**	11672.225	41.34	54.0	12.66	AV	360.00	200	Horizontal	Pass
6	15919.425	52.86	74.0	21.14	Peak	169.00	100	Horizontal	Pass
6**	15919.425	43.76	54.0	10.24	AV	169.00	100	Horizontal	Pass

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

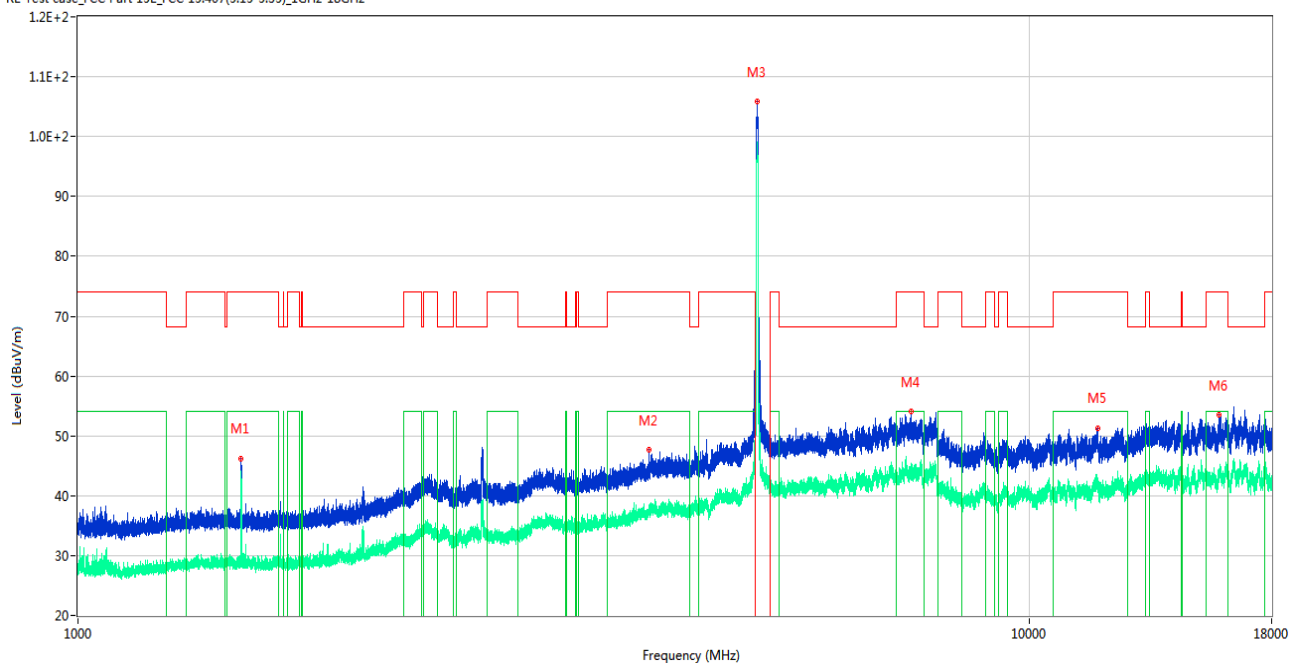
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	45.79	74.0	28.21	Peak	245.00	100	Vertical	Pass
1**	1484.700	43.29	54.0	10.71	AV	245.00	100	Vertical	Pass
2	4186.250	47.14	74.0	26.86	Peak	224.00	100	Vertical	Pass
2**	4186.250	37.95	54.0	16.05	AV	224.00	100	Vertical	Pass
3	5236.250	104.88	--	--	Peak	132.00	100	Vertical	N/A
3**	5236.250	97.00	--	--	AV	132.00	100	Vertical	N/A
4	7423.750	53.25	74.0	20.75	Peak	42.00	100	Vertical	Pass
4**	7423.750	44.58	54.0	9.42	AV	42.00	100	Vertical	Pass
5	11794.062	51.80	74.0	22.20	Peak	280.00	200	Vertical	Pass
5**	11794.062	42.60	54.0	11.40	AV	280.00	200	Vertical	Pass
6	15911.287	52.98	74.0	21.02	Peak	267.00	300	Vertical	Pass
6**	15911.287	43.65	54.0	10.35	AV	267.00	300	Vertical	Pass

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

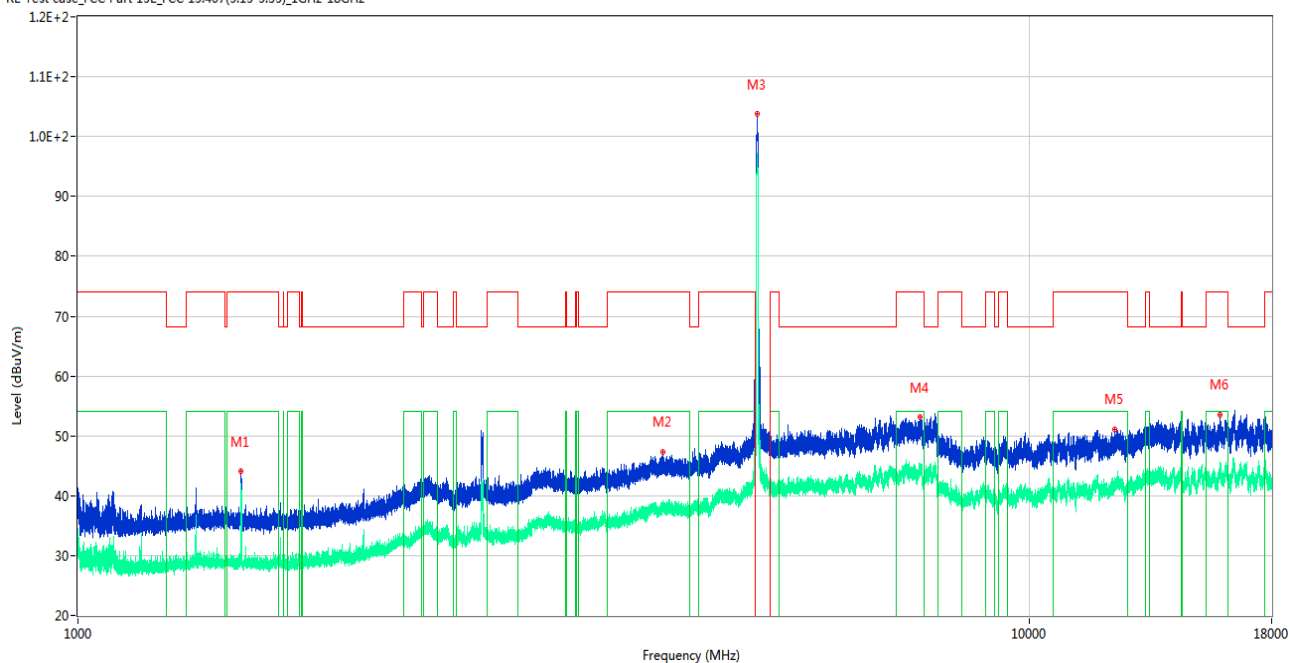
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	46.23	74.0	27.77	Peak	20.00	200	Horizontal	Pass
1**	1484.900	44.04	54.0	9.96	AV	20.00	200	Horizontal	Pass
2	3983.750	47.62	74.0	26.38	Peak	311.00	300	Horizontal	Pass
2**	3983.750	37.30	54.0	16.70	AV	311.00	300	Horizontal	Pass
3	5178.750	105.82	--	--	Peak	110.00	150	Horizontal	N/A
3**	5178.750	97.94	--	--	AV	110.00	150	Horizontal	N/A
4	7522.000	54.07	74.0	19.93	Peak	41.00	400	Horizontal	Pass
4**	7522.000	43.73	54.0	10.27	AV	41.00	400	Horizontal	Pass
5	11820.188	51.28	74.0	22.72	Peak	0.00	100	Horizontal	Pass
5**	11820.188	42.61	54.0	11.39	AV	0.00	100	Horizontal	Pass
6	15860.100	53.47	74.0	20.53	Peak	185.00	100	Horizontal	Pass
6**	15860.100	43.66	54.0	10.34	AV	185.00	100	Horizontal	Pass

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

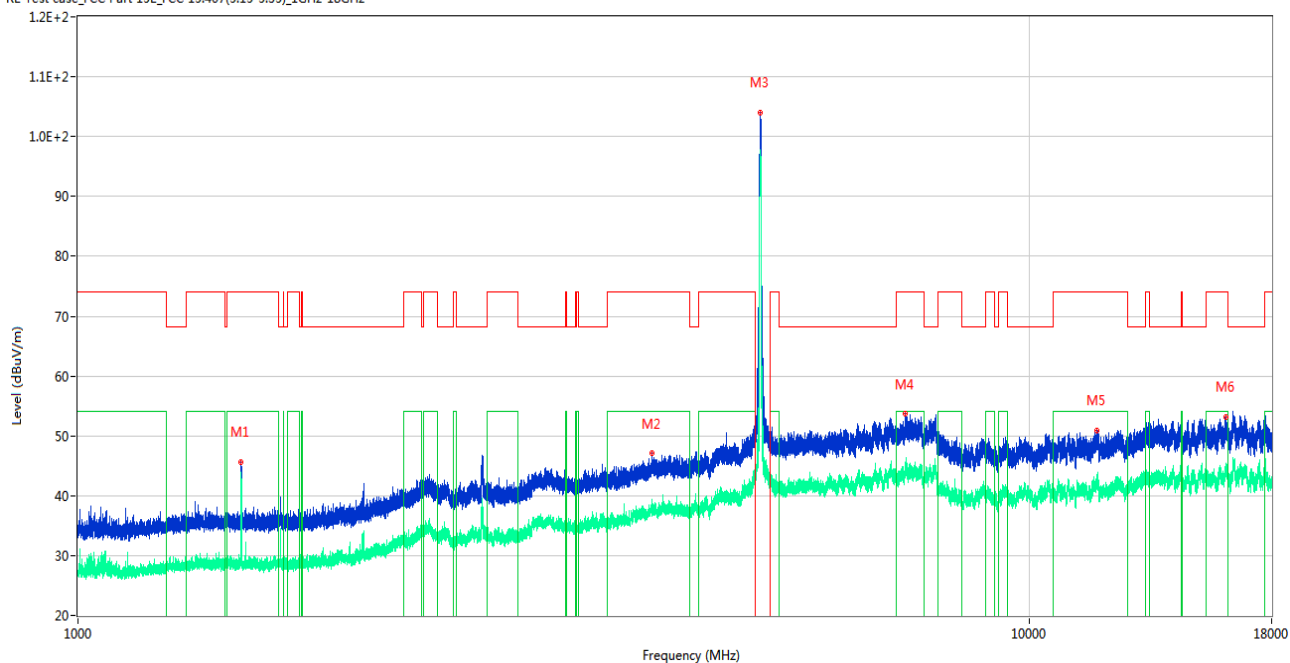
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	44.04	74.0	29.96	Peak	310.00	200	Vertical	Pass
1**	1485.000	41.97	54.0	12.03	AV	310.00	200	Vertical	Pass
2	4122.250	47.34	74.0	26.66	Peak	110.00	200	Vertical	Pass
2**	4122.250	38.10	54.0	15.90	AV	110.00	200	Vertical	Pass
3	5178.500	103.79	--	--	Peak	134.00	200	Vertical	N/A
3**	5178.500	96.14	--	--	AV	134.00	200	Vertical	N/A
4	7686.750	53.09	74.0	20.91	Peak	270.00	300	Vertical	Pass
4**	7686.750	44.29	54.0	9.71	AV	270.00	300	Vertical	Pass
5	12303.974	51.16	74.0	22.84	Peak	212.00	200	Vertical	Pass
5**	12303.974	41.70	54.0	12.30	AV	212.00	200	Vertical	Pass
6	15899.475	53.57	74.0	20.43	Peak	343.00	300	Vertical	Pass
6**	15899.475	43.77	54.0	10.23	AV	343.00	300	Vertical	Pass

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

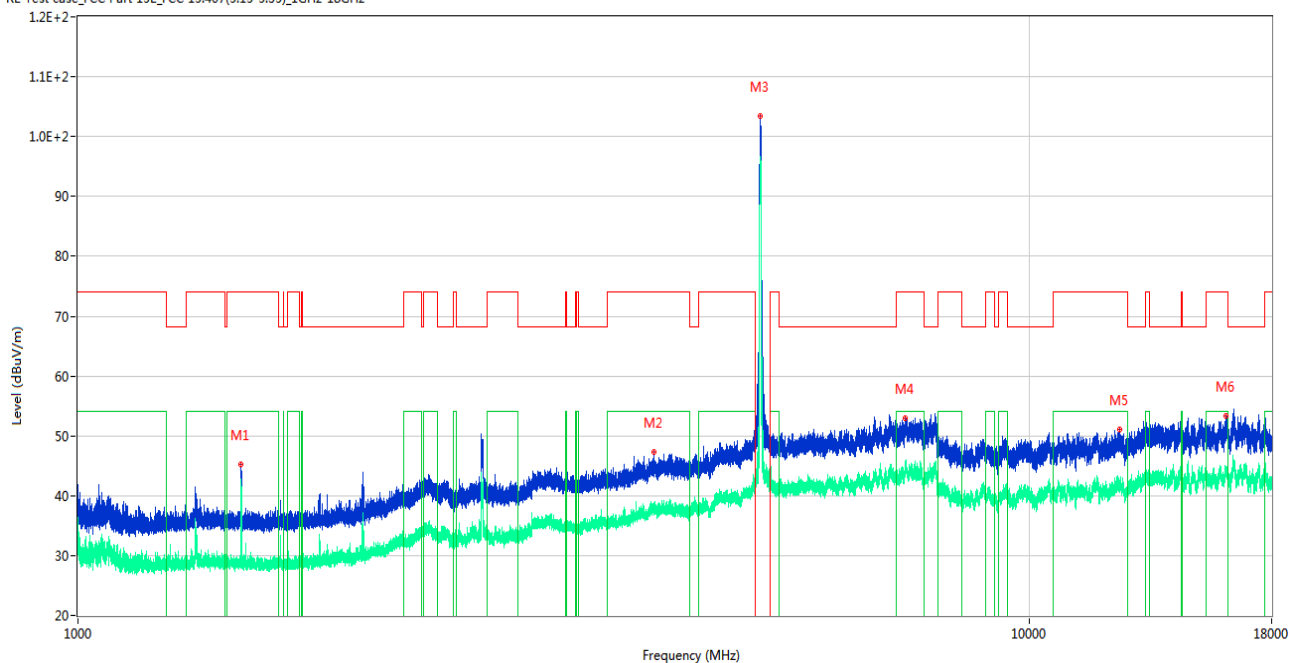
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	45.67	74.0	28.33	Peak	41.00	200	Horizontal	Pass
1**	1484.900	43.52	54.0	10.48	AV	41.00	200	Horizontal	Pass
2	4016.750	47.07	74.0	26.93	Peak	200.00	300	Horizontal	Pass
2**	4016.750	38.14	54.0	15.86	AV	200.00	300	Horizontal	Pass
3	5222.750	104.03	--	--	Peak	110.00	200	Horizontal	N/A
3**	5222.750	97.01	--	--	AV	110.00	200	Horizontal	N/A
4	7416.250	53.68	74.0	20.32	Peak	268.00	200	Horizontal	Pass
4**	7416.250	44.33	54.0	9.67	AV	268.00	200	Horizontal	Pass
5	11794.775	50.96	74.0	23.04	Peak	360.00	150	Horizontal	Pass
5**	11794.775	42.62	54.0	11.38	AV	360.00	150	Horizontal	Pass
6	16133.363	53.18	74.0	20.82	Peak	239.00	300	Horizontal	Pass
6**	16133.363	44.34	54.0	9.66	AV	239.00	300	Horizontal	Pass

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

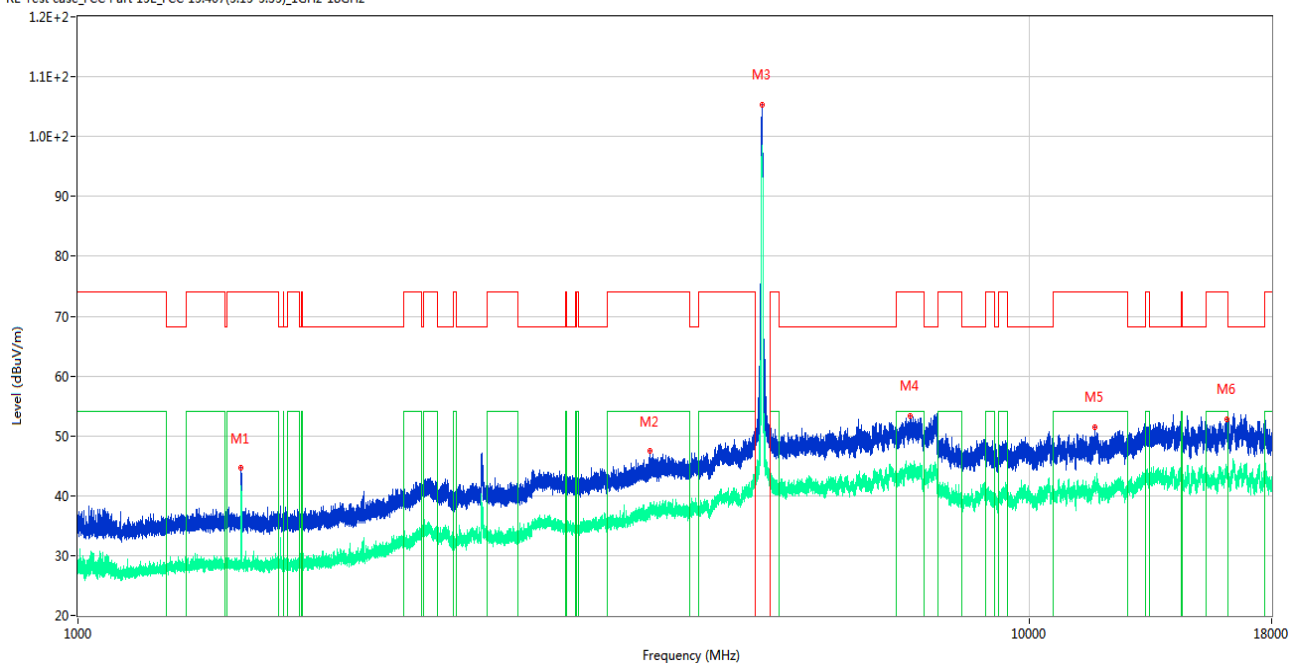
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	45.17	74.0	28.83	Peak	99.00	300	Vertical	Pass
1**	1484.900	42.29	54.0	11.71	AV	99.00	300	Vertical	Pass
2	4034.750	47.29	74.0	26.71	Peak	222.00	100	Vertical	Pass
2**	4034.750	37.55	54.0	16.45	AV	222.00	100	Vertical	Pass
3	5222.250	103.34	--	--	Peak	132.00	150	Vertical	N/A
3**	5222.250	96.29	--	--	AV	132.00	150	Vertical	N/A
4	7420.000	52.89	74.0	21.11	Peak	360.00	400	Vertical	Pass
4**	7420.000	45.40	54.0	8.60	AV	360.00	400	Vertical	Pass
5	12450.275	51.00	74.0	23.00	Peak	303.00	100	Vertical	Pass
5**	12450.275	41.84	54.0	12.16	AV	303.00	100	Vertical	Pass
6	16116.300	53.32	74.0	20.68	Peak	265.00	400	Vertical	Pass
6**	16116.300	43.89	54.0	10.11	AV	265.00	400	Vertical	Pass

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

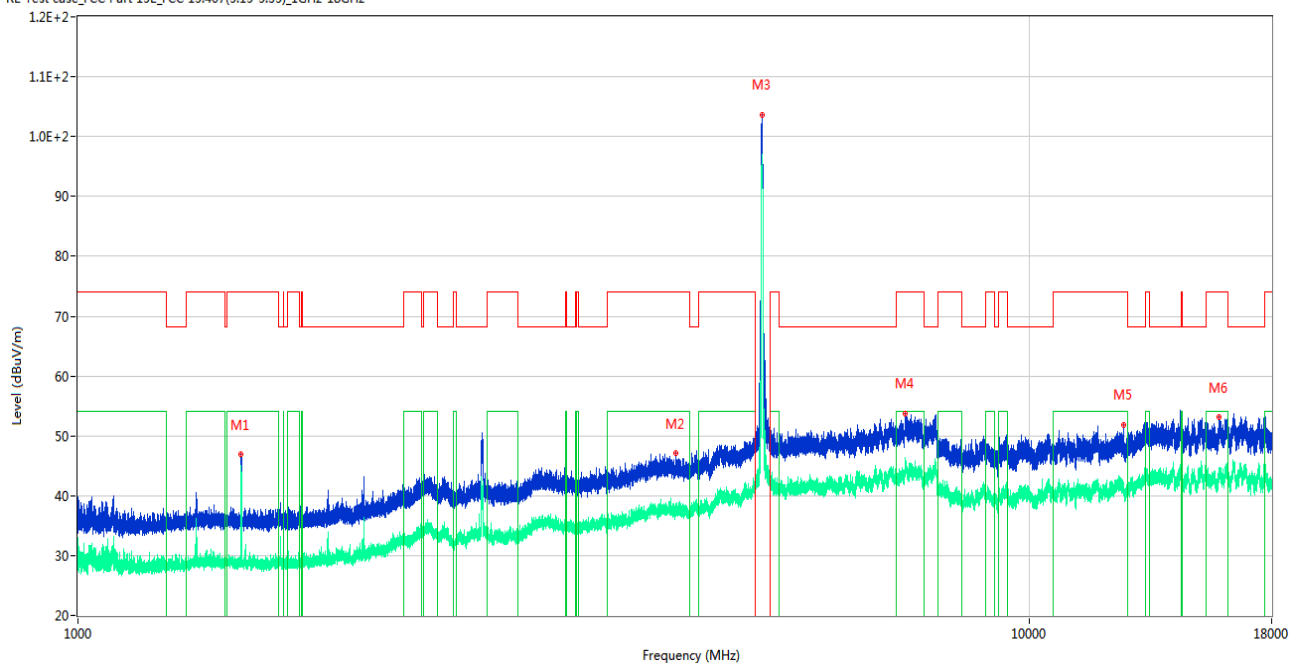
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	44.60	74.0	29.40	Peak	27.00	200	Horizontal	Pass
1**	1484.900	41.58	54.0	12.42	AV	27.00	200	Horizontal	Pass
2	3992.250	47.45	74.0	26.55	Peak	202.00	400	Horizontal	Pass
2**	3992.250	37.48	54.0	16.52	AV	202.00	400	Horizontal	Pass
3	5238.750	105.33	--	--	Peak	110.00	150	Horizontal	N/A
3**	5238.750	97.30	--	--	AV	110.00	150	Horizontal	N/A
4	7497.500	53.32	74.0	20.68	Peak	314.00	300	Horizontal	Pass
4**	7497.500	44.21	54.0	9.79	AV	314.00	300	Horizontal	Pass
5	11741.100	51.45	74.0	22.55	Peak	262.00	100	Horizontal	Pass
5**	11741.100	41.42	54.0	12.58	AV	262.00	100	Horizontal	Pass
6	16145.175	52.79	74.0	21.21	Peak	42.00	100	Horizontal	Pass
6**	16145.175	43.41	54.0	10.59	AV	42.00	100	Horizontal	Pass

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

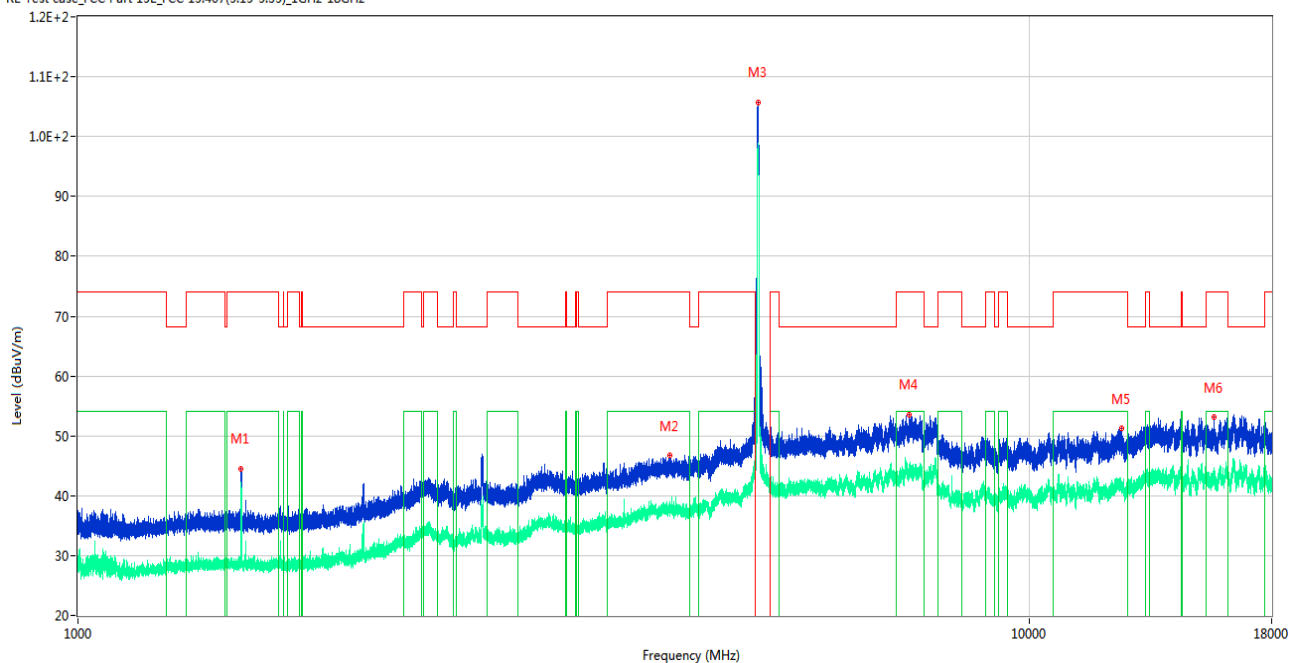
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	46.91	74.0	27.09	Peak	232.00	100	Vertical	Pass
1**	1484.900	45.09	54.0	8.91	AV	232.00	100	Vertical	Pass
2	4256.250	47.08	74.0	26.92	Peak	0.00	200	Vertical	Pass
2**	4256.250	38.30	54.0	15.70	AV	0.00	200	Vertical	Pass
3	5239.000	103.69	--	--	Peak	134.00	100	Vertical	N/A
3**	5239.000	96.52	--	--	AV	134.00	100	Vertical	N/A
4	7413.250	53.71	74.0	20.29	Peak	112.00	400	Vertical	Pass
4**	7413.250	44.88	54.0	9.12	AV	112.00	400	Vertical	Pass
5	12565.224	51.89	74.0	22.11	Peak	101.00	150	Vertical	Pass
5**	12565.224	41.27	54.0	12.73	AV	101.00	150	Vertical	Pass
6	15858.000	53.05	74.0	20.95	Peak	24.00	300	Vertical	Pass
6**	15858.000	44.00	54.0	10.00	AV	24.00	300	Vertical	Pass

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

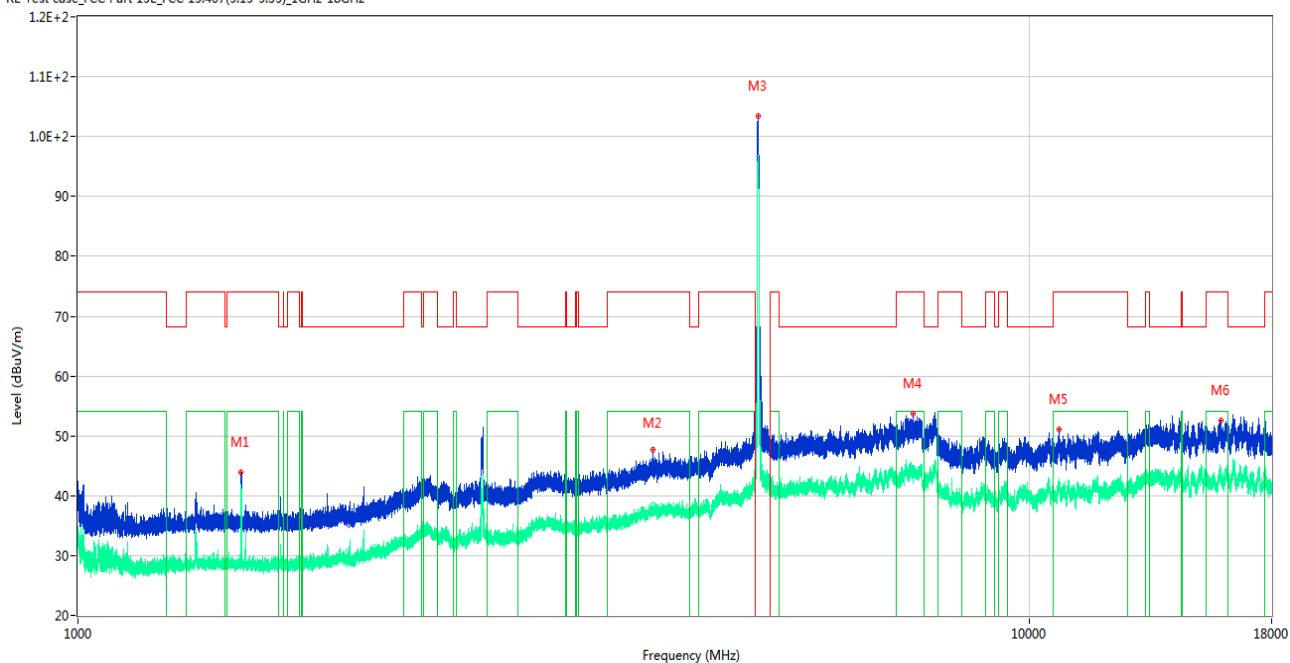
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	44.53	74.0	29.47	Peak	143.00	100	Horizontal	Pass
1**	1484.800	41.98	54.0	12.02	AV	143.00	100	Horizontal	Pass
2	4192.500	46.71	74.0	27.29	Peak	88.00	100	Horizontal	Pass
2**	4192.500	38.93	54.0	15.07	AV	88.00	100	Horizontal	Pass
3	5190.000	105.72	--	--	Peak	110.00	150	Horizontal	N/A
3**	5190.000	97.77	--	--	AV	110.00	150	Horizontal	N/A
4	7490.500	53.60	74.0	20.40	Peak	359.00	100	Horizontal	Pass
4**	7490.500	44.67	54.0	9.33	AV	359.00	100	Horizontal	Pass
5	12519.151	51.21	74.0	22.79	Peak	279.00	150	Horizontal	Pass
5**	12519.151	41.61	54.0	12.39	AV	279.00	150	Horizontal	Pass
6	15656.925	53.05	74.0	20.95	Peak	65.00	100	Horizontal	Pass
6**	15656.925	43.12	54.0	10.88	AV	65.00	100	Horizontal	Pass

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

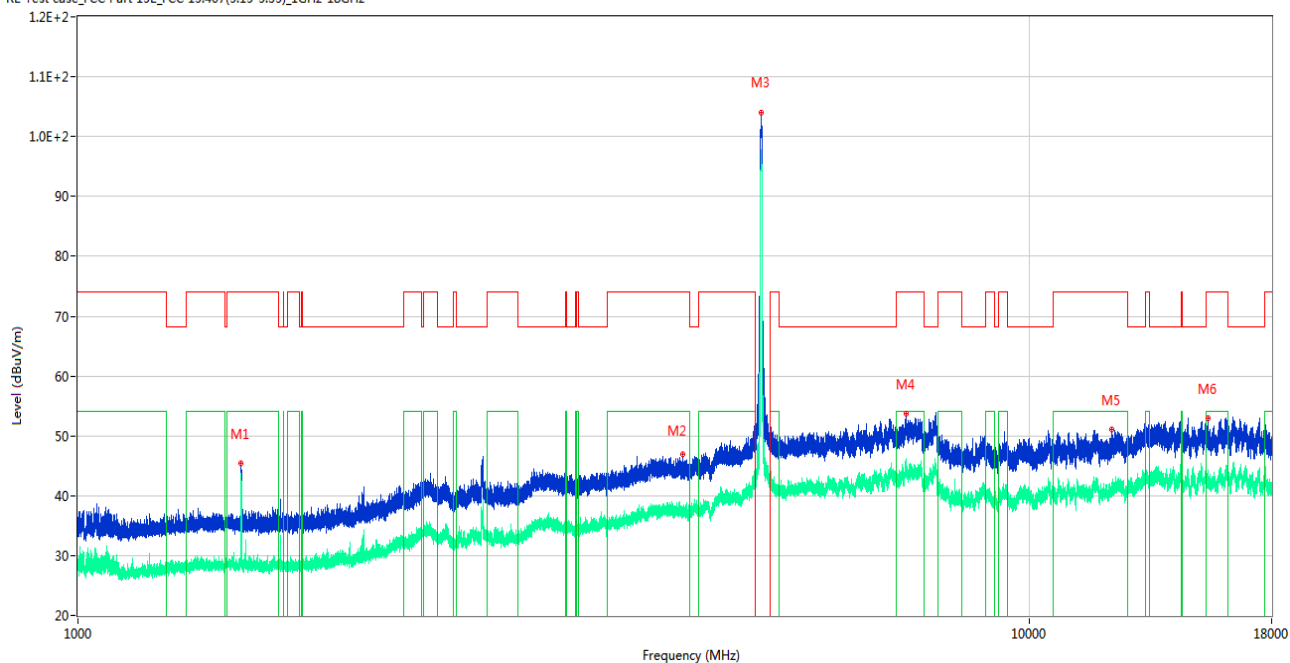
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	44.00	74.0	30.00	Peak	15.00	200	Vertical	Pass
1**	1484.600	40.11	54.0	13.89	AV	15.00	200	Vertical	Pass
2	4024.250	47.67	74.0	26.33	Peak	316.00	100	Vertical	Pass
2**	4024.250	37.93	54.0	16.07	AV	316.00	100	Vertical	Pass
3	5191.250	103.46	--	--	Peak	134.00	100	Vertical	N/A
3**	5191.250	96.49	--	--	AV	134.00	100	Vertical	N/A
4	7564.250	53.71	74.0	20.29	Peak	272.00	400	Vertical	Pass
4**	7564.250	44.46	54.0	9.54	AV	272.00	400	Vertical	Pass
5	10754.288	51.14	74.0	22.86	Peak	360.00	150	Vertical	Pass
5**	10754.288	42.07	54.0	11.93	AV	360.00	150	Vertical	Pass
6	15907.088	52.62	74.0	21.38	Peak	214.00	100	Vertical	Pass
6**	15907.088	42.95	54.0	11.05	AV	214.00	100	Vertical	Pass

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

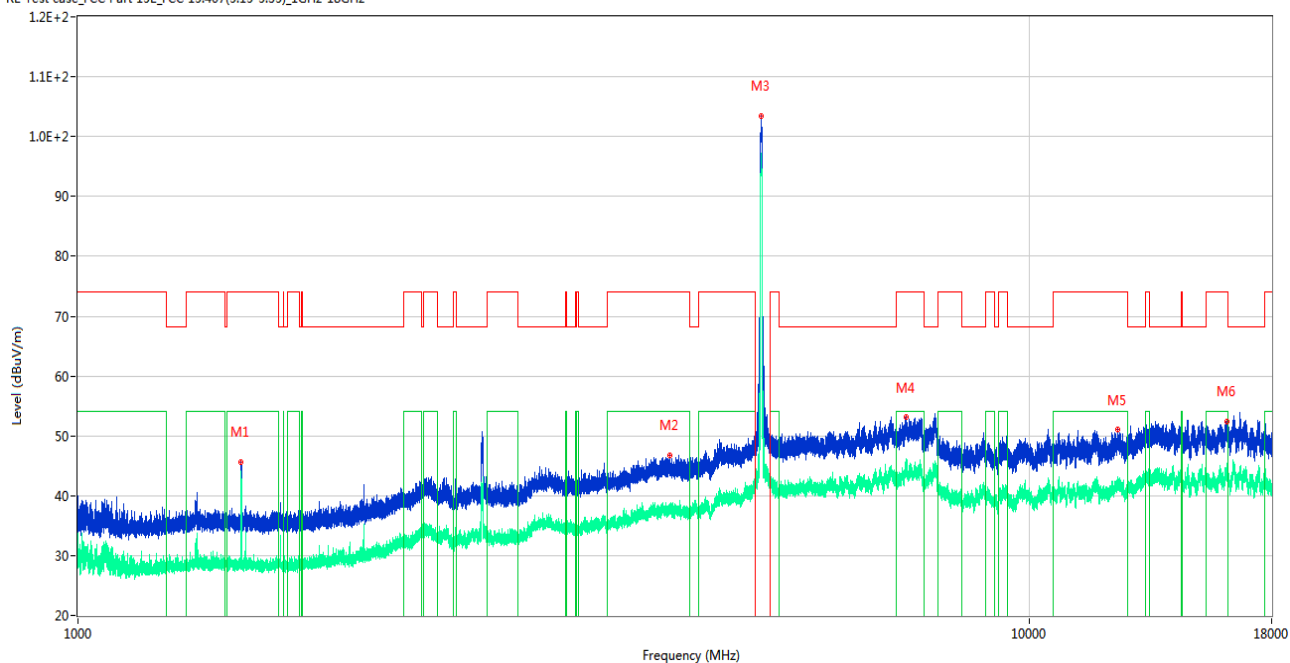
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	45.38	74.0	28.62	Peak	174.00	300	Horizontal	Pass
1**	1485.000	43.39	54.0	10.61	AV	174.00	300	Horizontal	Pass
2	4322.250	46.97	74.0	27.03	Peak	360.00	200	Horizontal	Pass
2**	4322.250	37.37	54.0	16.63	AV	360.00	200	Horizontal	Pass
3	5231.750	104.03	--	--	Peak	110.00	150	Horizontal	N/A
3**	5231.750	96.86	--	--	AV	110.00	150	Horizontal	N/A
4	7431.000	53.70	74.0	20.30	Peak	42.00	100	Horizontal	Pass
4**	7431.000	45.17	54.0	8.83	AV	42.00	100	Horizontal	Pass
5	12235.575	50.98	74.0	23.02	Peak	153.00	100	Horizontal	Pass
5**	12235.575	41.31	54.0	12.69	AV	153.00	100	Horizontal	Pass
6	15416.475	52.88	74.0	21.12	Peak	313.00	400	Horizontal	Pass
6**	15416.475	42.22	54.0	11.78	AV	313.00	400	Horizontal	Pass

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

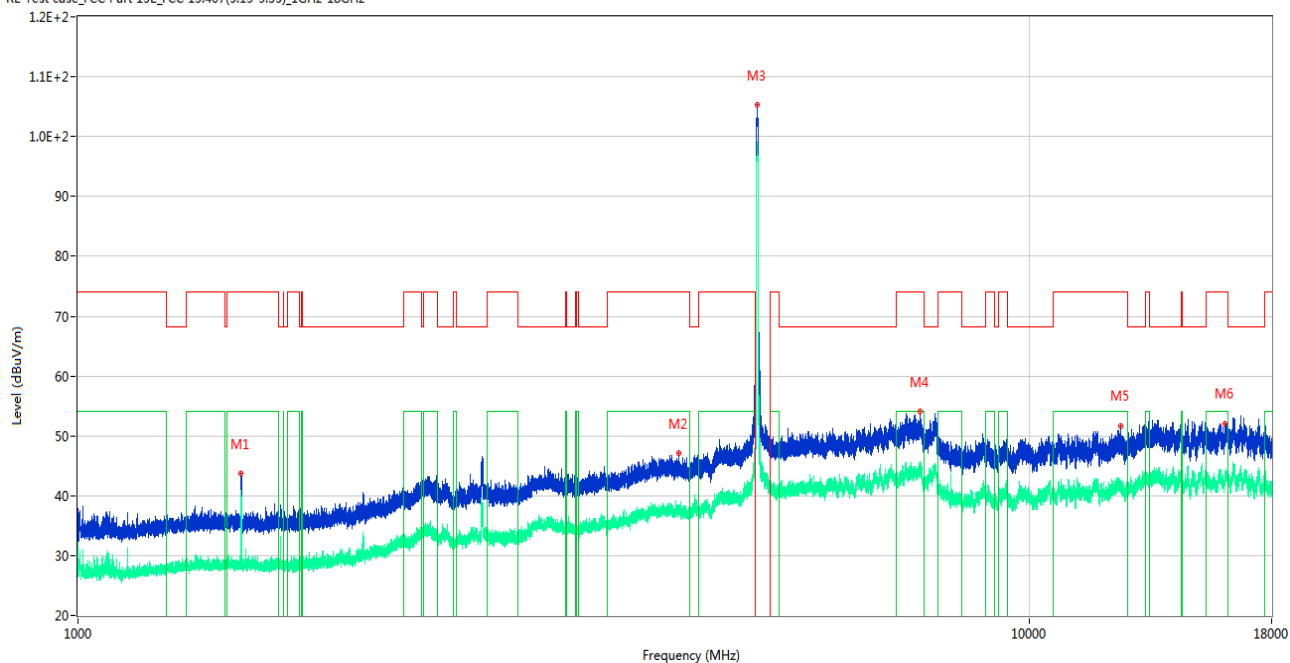
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	45.60	74.0	28.40	Peak	354.00	400	Vertical	Pass
1**	1485.000	43.56	54.0	10.44	AV	354.00	400	Vertical	Pass
2	4196.000	46.82	74.0	27.18	Peak	180.00	300	Vertical	Pass
2**	4196.000	37.66	54.0	16.34	AV	180.00	300	Vertical	Pass
3	5231.750	103.50	--	--	Peak	134.00	150	Vertical	N/A
3**	5231.750	95.88	--	--	AV	134.00	150	Vertical	N/A
4	7427.250	53.09	74.0	20.91	Peak	316.00	400	Vertical	Pass
4**	7427.250	44.87	54.0	9.13	AV	316.00	400	Vertical	Pass
5	12389.713	50.98	74.0	23.02	Peak	360.00	150	Vertical	Pass
5**	12389.713	41.74	54.0	12.26	AV	360.00	150	Vertical	Pass
6	16142.287	52.42	74.0	21.58	Peak	171.00	200	Vertical	Pass
6**	16142.287	43.66	54.0	10.34	AV	171.00	200	Vertical	Pass

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

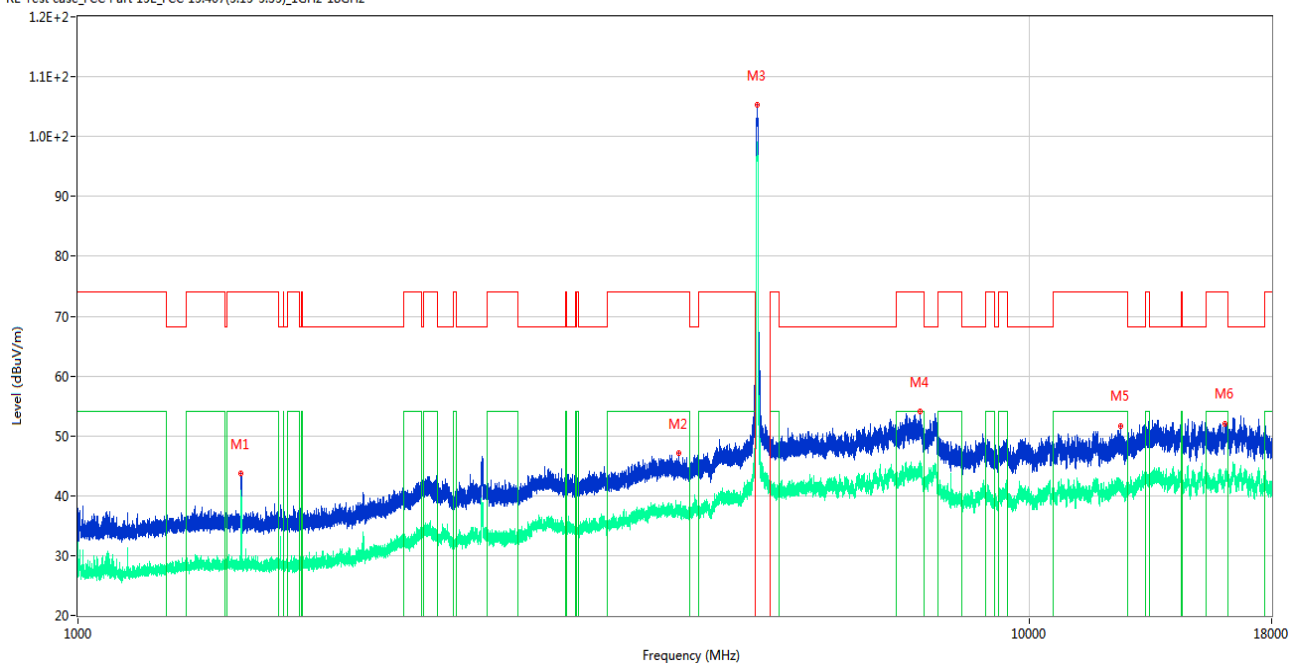
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	43.71	74.0	30.29	Peak	39.00	200	Horizontal	Pass
1**	1484.700	39.52	54.0	14.48	AV	39.00	200	Horizontal	Pass
2	4287.250	47.10	74.0	26.90	Peak	152.00	300	Horizontal	Pass
2**	4287.250	36.77	54.0	17.23	AV	152.00	300	Horizontal	Pass
3	5177.500	105.30	--	--	Peak	108.00	150	Horizontal	N/A
3**	5177.500	97.95	--	--	AV	108.00	150	Horizontal	N/A
4	7676.500	54.06	74.0	19.94	Peak	0.00	300	Horizontal	Pass
4**	7676.500	43.71	54.0	10.29	AV	0.00	300	Horizontal	Pass
5	12483.526	51.73	74.0	22.27	Peak	221.00	100	Horizontal	Pass
5**	12483.526	41.41	54.0	12.59	AV	221.00	100	Horizontal	Pass
6	16092.151	52.08	74.0	21.92	Peak	323.00	300	Horizontal	Pass
6**	16092.151	43.08	54.0	10.92	AV	323.00	300	Horizontal	Pass

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

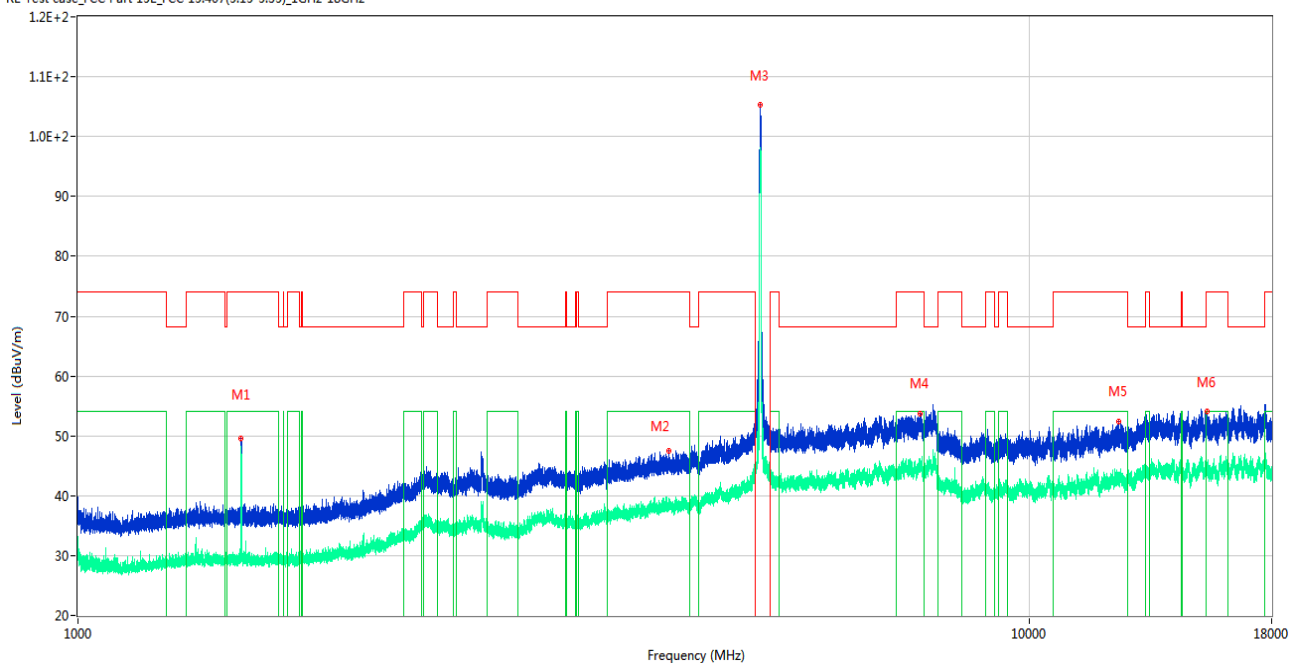
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	43.71	74.0	30.29	Peak	39.00	200	Horizontal	Pass
1**	1484.700	39.52	54.0	14.48	AV	39.00	200	Horizontal	Pass
2	4287.250	47.10	74.0	26.90	Peak	152.00	300	Horizontal	Pass
2**	4287.250	36.77	54.0	17.23	AV	152.00	300	Horizontal	Pass
3	5177.500	105.30	--	--	Peak	108.00	150	Horizontal	N/A
3**	5177.500	97.95	--	--	AV	108.00	150	Horizontal	N/A
4	7676.500	54.06	74.0	19.94	Peak	0.00	300	Horizontal	Pass
4**	7676.500	43.71	54.0	10.29	AV	0.00	300	Horizontal	Pass
5	12483.526	51.73	74.0	22.27	Peak	221.00	100	Horizontal	Pass
5**	12483.526	41.41	54.0	12.59	AV	221.00	100	Horizontal	Pass
6	16092.151	52.08	74.0	21.92	Peak	323.00	300	Horizontal	Pass
6**	16092.151	43.08	54.0	10.92	AV	323.00	300	Horizontal	Pass

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

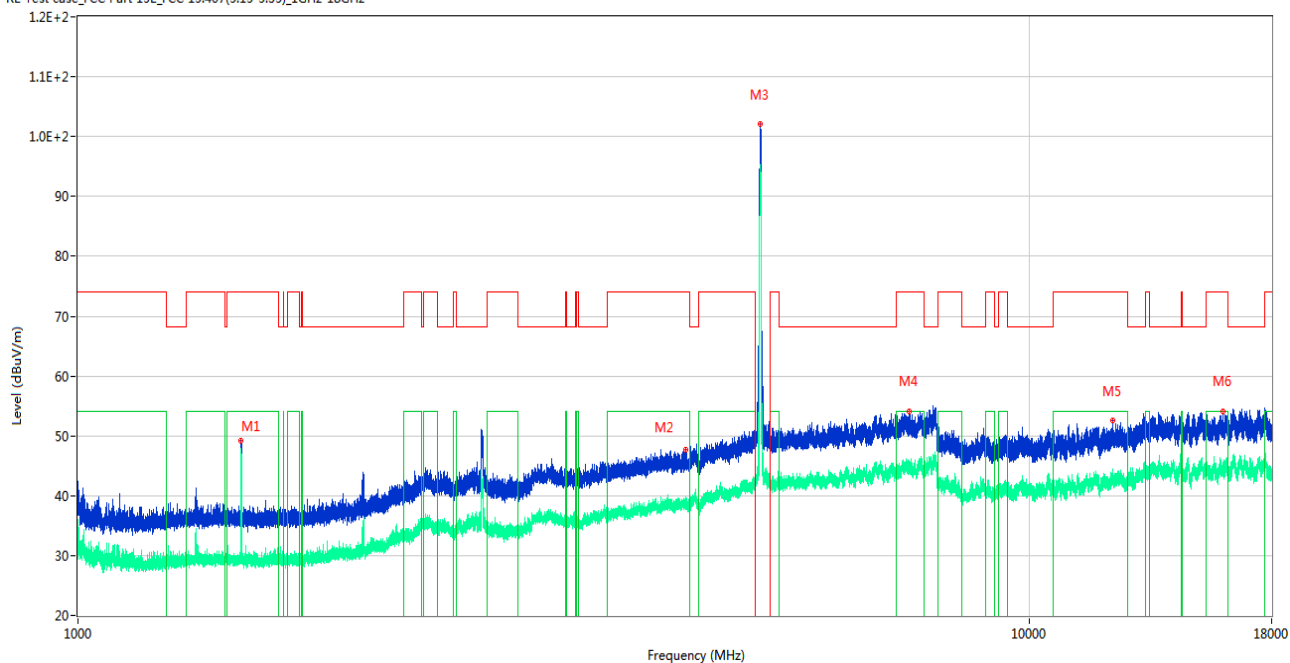
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	49.49	74.0	24.51	Peak	360.00	200	Horizontal	Pass
1**	1485.000	48.10	54.0	5.90	AV	360.00	200	Horizontal	Pass
2	4184.000	47.43	74.0	26.57	Peak	249.00	100	Horizontal	Pass
2**	4184.000	37.95	54.0	16.05	AV	249.00	100	Horizontal	Pass
3	5218.500	105.23	--	--	Peak	111.00	150	Horizontal	N/A
3**	5218.500	97.48	--	--	AV	111.00	150	Horizontal	N/A
4	7680.500	53.76	74.0	20.24	Peak	227.00	300	Horizontal	Pass
4**	7680.500	45.02	54.0	8.98	AV	227.00	300	Horizontal	Pass
5	12434.600	52.41	74.0	21.59	Peak	199.00	200	Horizontal	Pass
5**	12434.600	43.04	54.0	10.96	AV	199.00	200	Horizontal	Pass
6	15387.862	54.07	74.0	19.93	Peak	349.00	100	Horizontal	Pass
6**	15387.862	44.58	54.0	9.42	AV	349.00	100	Horizontal	Pass

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

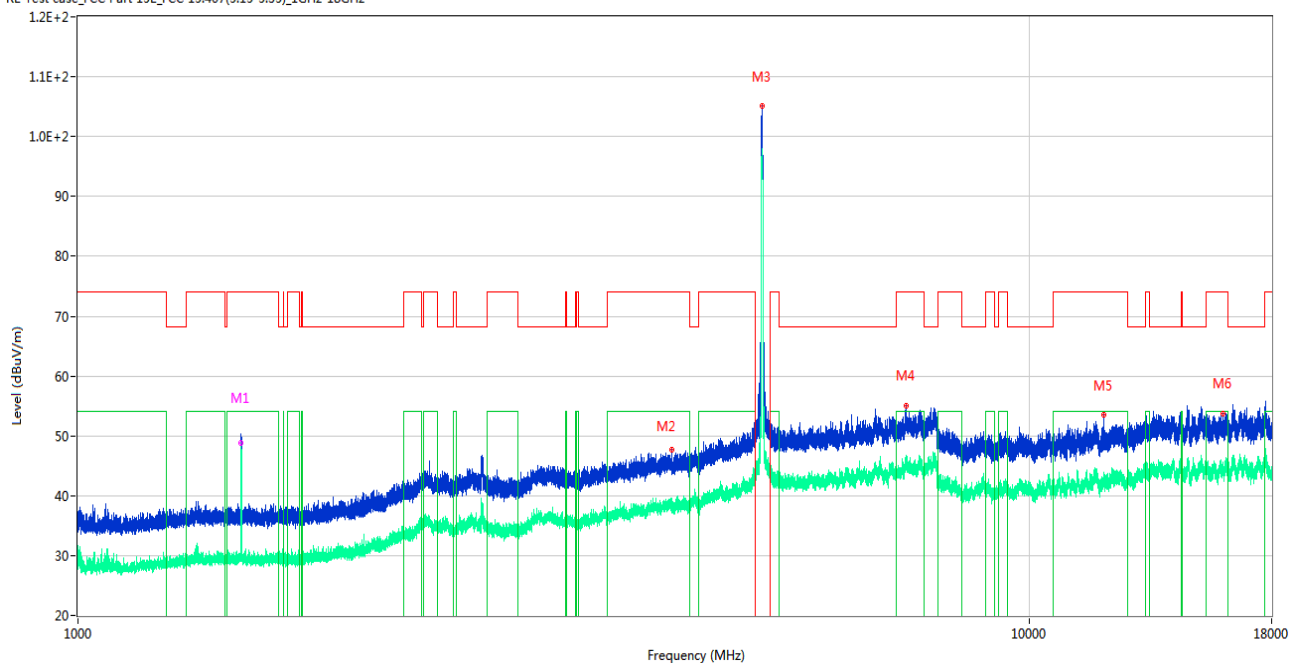
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	49.20	74.0	24.80	Peak	307.00	400	Vertical	Pass
1**	1484.900	47.81	54.0	6.19	AV	307.00	400	Vertical	Pass
2	4355.500	47.68	74.0	26.32	Peak	360.00	200	Vertical	Pass
2**	4355.500	38.46	54.0	15.54	AV	360.00	200	Vertical	Pass
3	5221.500	102.09	--	--	Peak	92.00	100	Vertical	N/A
3**	5221.500	94.60	--	--	AV	92.00	100	Vertical	N/A
4	7475.000	54.12	74.0	19.88	Peak	138.00	100	Vertical	Pass
4**	7475.000	43.74	54.0	10.26	AV	138.00	100	Vertical	Pass
5	12237.950	52.54	74.0	21.46	Peak	360.00	150	Vertical	Pass
5**	12237.950	43.49	54.0	10.51	AV	360.00	150	Vertical	Pass
6	16011.300	54.15	74.0	19.85	Peak	348.00	400	Vertical	Pass
6**	16011.300	44.61	54.0	9.39	AV	348.00	400	Vertical	Pass

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

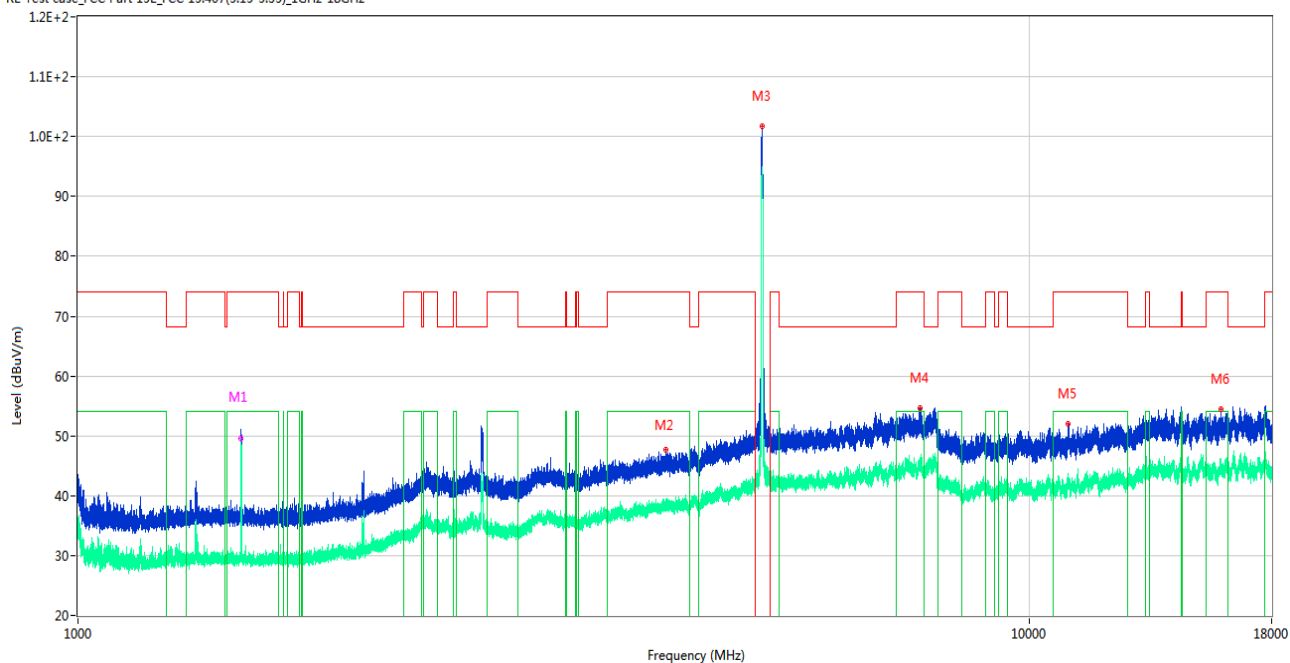
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	50.26	74.0	23.74	Peak	0.00	100	Horizontal	Pass
1**	1484.900	48.79	54.0	5.21	AV	0.00	100	Horizontal	Pass
2	4207.750	47.66	74.0	26.34	Peak	182.00	300	Horizontal	Pass
2**	4207.750	38.68	54.0	15.32	AV	182.00	300	Horizontal	Pass
3	5238.750	105.07	--	--	Peak	136.00	200	Horizontal	N/A
3**	5238.750	97.42	--	--	AV	136.00	200	Horizontal	N/A
4	7432.250	55.02	74.0	18.98	Peak	250.00	400	Horizontal	Pass
4**	7432.250	46.09	54.0	7.91	AV	250.00	400	Horizontal	Pass
5	11987.387	53.49	74.0	20.51	Peak	96.00	200	Horizontal	Pass
5**	11987.387	42.40	54.0	11.60	AV	96.00	200	Horizontal	Pass
6	15997.650	53.71	74.0	20.29	Peak	0.00	200	Horizontal	Pass
6**	15997.650	45.14	54.0	8.86	AV	0.00	200	Horizontal	Pass

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

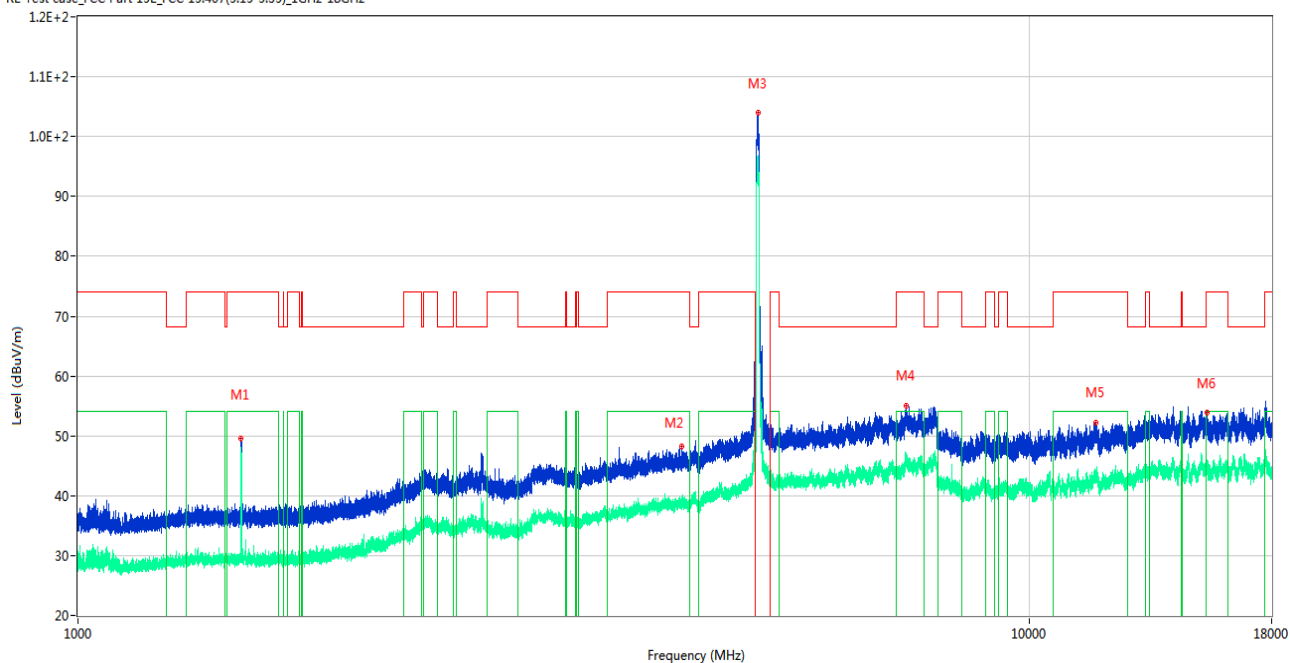
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	50.56	74.0	23.44	Peak	0.00	100	Vertical	Pass
1**	1484.900	49.53	54.0	4.47	AV	0.00	100	Vertical	Pass
2	4153.750	47.64	74.0	26.36	Peak	342.00	400	Vertical	Pass
2**	4153.750	37.68	54.0	16.32	AV	342.00	400	Vertical	Pass
3	5238.500	101.74	--	--	Peak	110.00	200	Vertical	N/A
3**	5238.500	94.33	--	--	AV	110.00	200	Vertical	N/A
4	7686.000	54.72	74.0	19.28	Peak	87.00	200	Vertical	Pass
4**	7686.000	45.35	54.0	8.65	AV	87.00	200	Vertical	Pass
5	11000.100	52.04	74.0	21.96	Peak	302.00	100	Vertical	Pass
5**	11000.100	42.41	54.0	11.59	AV	302.00	100	Vertical	Pass
6	15914.174	54.47	74.0	19.53	Peak	214.00	300	Vertical	Pass
6**	15914.174	45.69	54.0	8.31	AV	214.00	300	Vertical	Pass

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

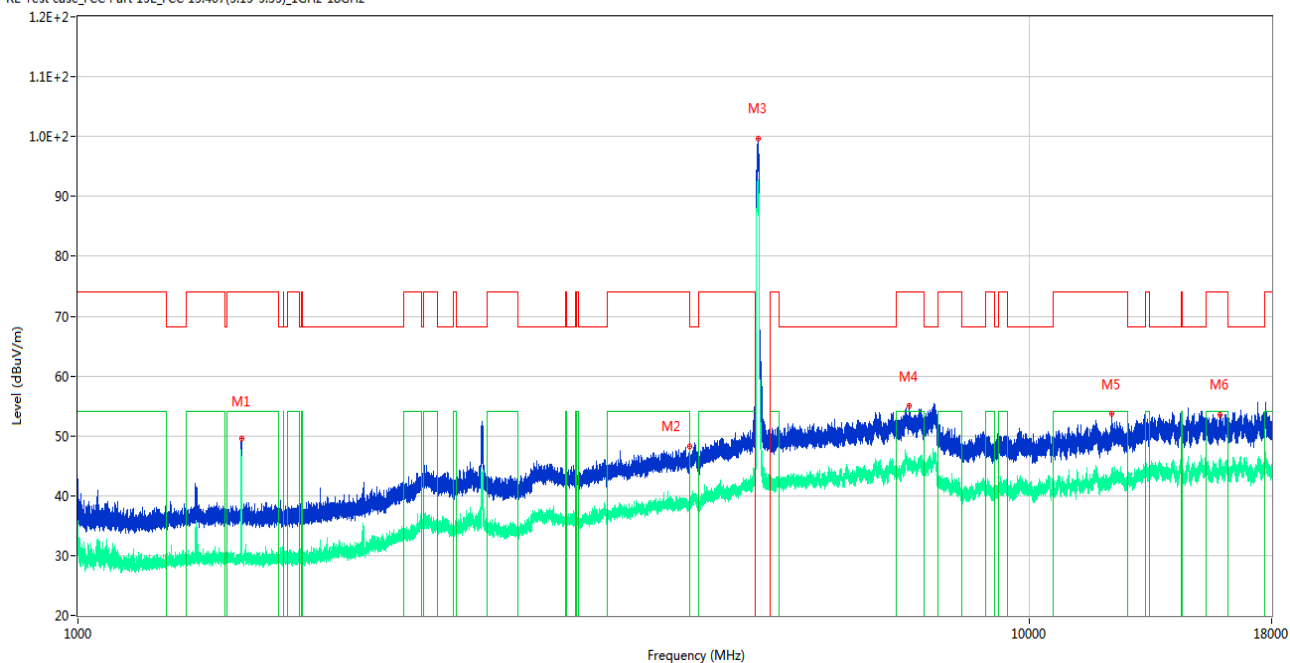
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	49.49	74.0	24.51	Peak	301.00	400	Horizontal	Pass
1**	1485.000	48.08	54.0	5.92	AV	301.00	400	Horizontal	Pass
2	4315.250	48.30	74.0	25.70	Peak	360.00	200	Horizontal	Pass
2**	4315.250	39.82	54.0	14.18	AV	360.00	200	Horizontal	Pass
3	5186.500	103.90	--	--	Peak	112.00	100	Horizontal	N/A
3**	5186.500	95.71	--	--	AV	112.00	100	Horizontal	N/A
4	7430.500	55.05	74.0	18.95	Peak	360.00	100	Horizontal	Pass
4**	7430.500	45.82	54.0	8.18	AV	360.00	100	Horizontal	Pass
5	11774.113	52.28	74.0	21.72	Peak	4.00	150	Horizontal	Pass
5**	11774.113	42.40	54.0	11.60	AV	4.00	150	Horizontal	Pass
6	15410.437	53.83	74.0	20.17	Peak	47.00	200	Horizontal	Pass
6**	15410.437	44.38	54.0	9.62	AV	47.00	200	Horizontal	Pass

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

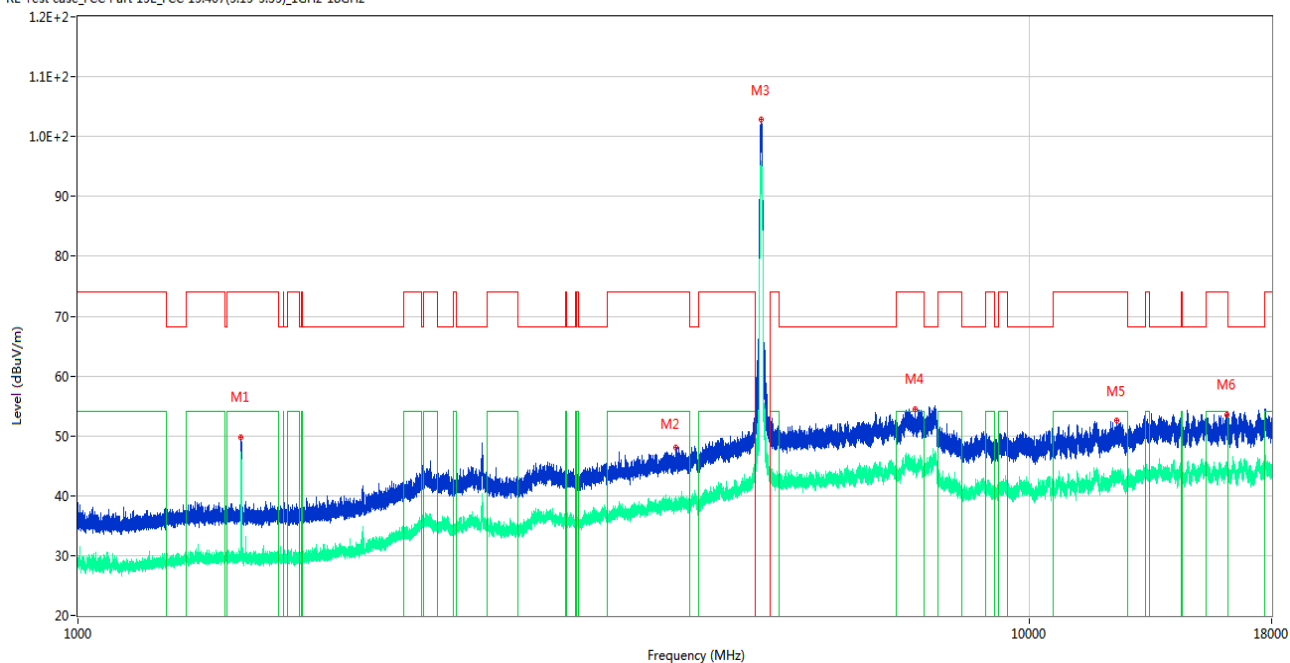
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.300	49.58	74.0	24.42	Peak	26.00	400	Vertical	Pass
1**	1485.300	46.35	54.0	7.65	AV	26.00	400	Vertical	Pass
2	4399.250	48.16	74.0	25.84	Peak	138.00	200	Vertical	Pass
2**	4399.250	38.70	54.0	15.30	AV	138.00	200	Vertical	Pass
3	5191.000	99.73	--	--	Peak	93.00	200	Vertical	N/A
3**	5191.000	91.56	--	--	AV	93.00	200	Vertical	N/A
4	7485.750	54.94	74.0	19.06	Peak	345.00	400	Vertical	Pass
4**	7485.750	46.14	54.0	7.86	AV	345.00	400	Vertical	Pass
5	12228.450	53.63	74.0	20.37	Peak	284.00	200	Vertical	Pass
5**	12228.450	42.78	54.0	11.22	AV	284.00	200	Vertical	Pass
6	15892.125	53.54	74.0	20.46	Peak	223.00	100	Vertical	Pass
6**	15892.125	44.98	54.0	9.02	AV	223.00	100	Vertical	Pass

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

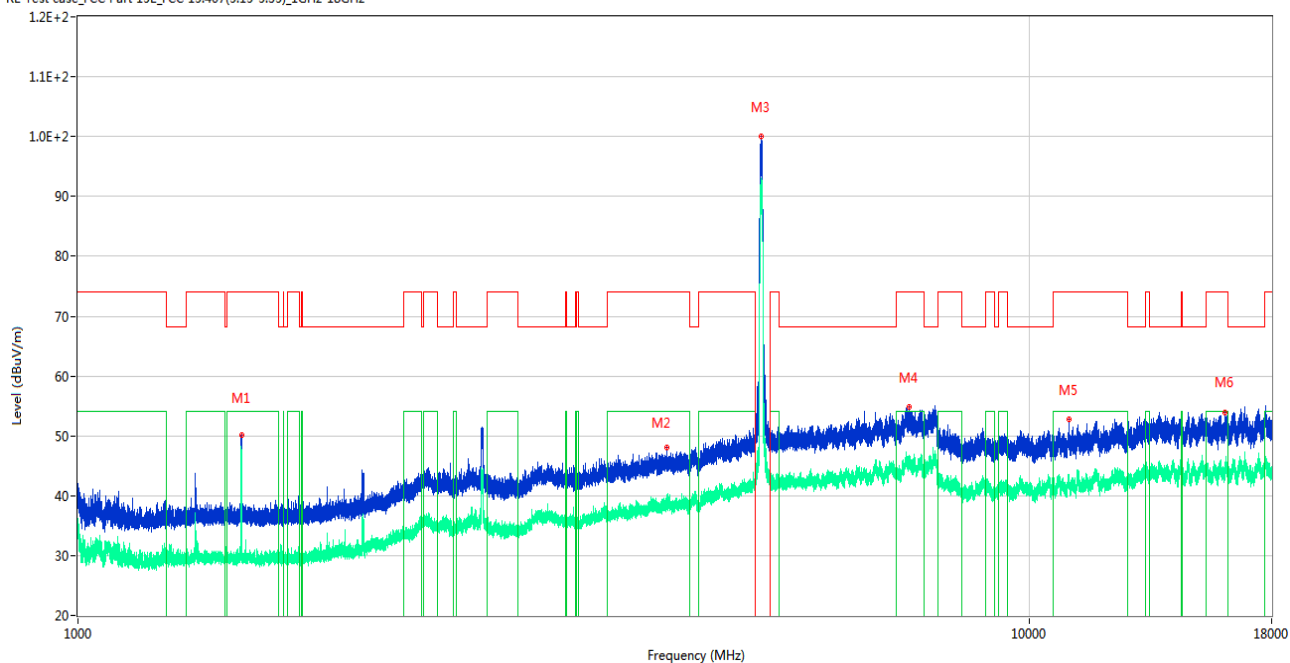
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.100	49.84	74.0	24.16	Peak	253.00	200	Horizontal	Pass
1**	1485.100	47.01	54.0	6.99	AV	253.00	200	Horizontal	Pass
2	4255.750	48.09	74.0	25.91	Peak	204.00	400	Horizontal	Pass
2**	4255.750	39.51	54.0	14.49	AV	204.00	400	Horizontal	Pass
3	5232.250	102.85	--	--	Peak	113.00	100	Horizontal	N/A
3**	5232.250	95.77	--	--	AV	113.00	100	Horizontal	N/A
4	7594.750	54.47	74.0	19.53	Peak	342.00	400	Horizontal	Pass
4**	7594.750	45.10	54.0	8.90	AV	342.00	400	Horizontal	Pass
5	12358.600	52.51	74.0	21.49	Peak	268.00	200	Horizontal	Pass
5**	12358.600	43.47	54.0	10.53	AV	268.00	200	Horizontal	Pass
6	16146.224	53.54	74.0	20.46	Peak	144.00	400	Horizontal	Pass
6**	16146.224	44.98	54.0	9.02	AV	144.00	400	Horizontal	Pass

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

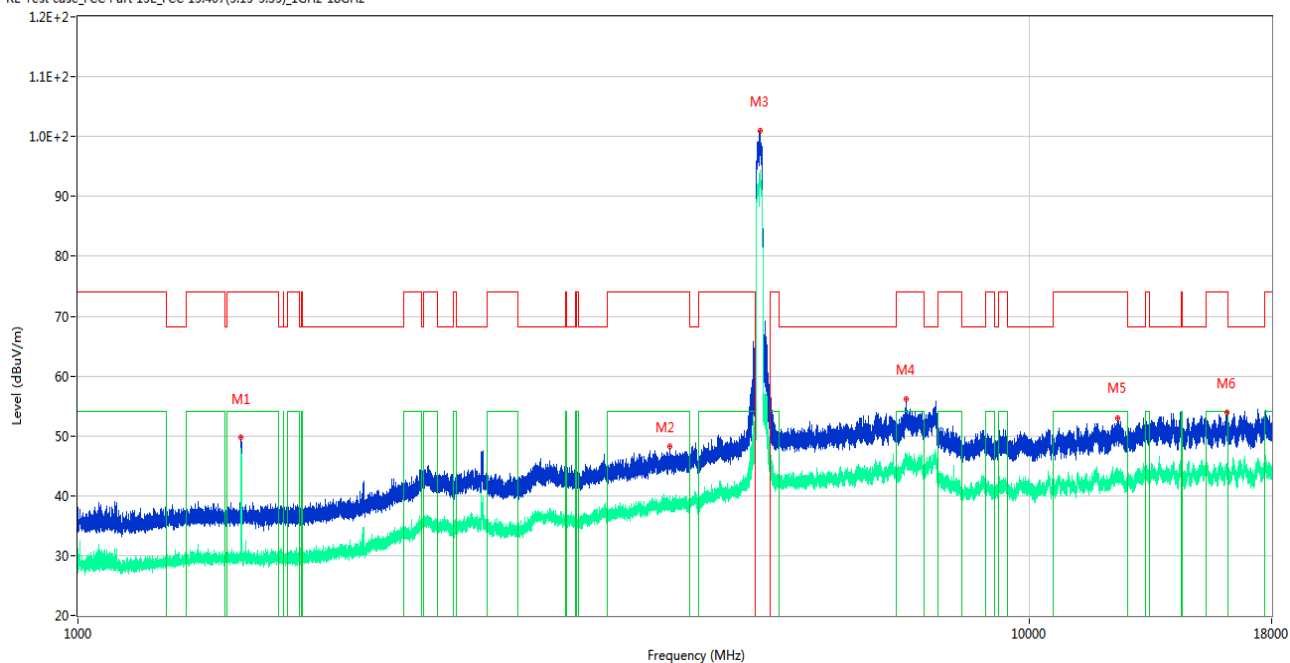
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.300	50.21	74.0	23.79	Peak	18.00	400	Vertical	Pass
1**	1485.300	47.65	54.0	6.35	AV	18.00	400	Vertical	Pass
2	4159.750	47.99	74.0	26.01	Peak	225.00	100	Vertical	Pass
2**	4159.750	38.21	54.0	15.79	AV	225.00	100	Vertical	Pass
3	5231.500	100.00	--	--	Peak	87.00	200	Vertical	N/A
3**	5231.500	92.79	--	--	AV	87.00	200	Vertical	N/A
4	7489.250	54.75	74.0	19.25	Peak	17.00	300	Vertical	Pass
4**	7489.250	45.26	54.0	8.74	AV	17.00	300	Vertical	Pass
5	11010.312	52.76	74.0	21.24	Peak	4.00	150	Vertical	Pass
5**	11010.312	41.93	54.0	12.07	AV	4.00	150	Vertical	Pass
6	16078.500	53.93	74.0	20.07	Peak	64.00	100	Vertical	Pass
6**	16078.500	44.65	54.0	9.35	AV	64.00	100	Vertical	Pass

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

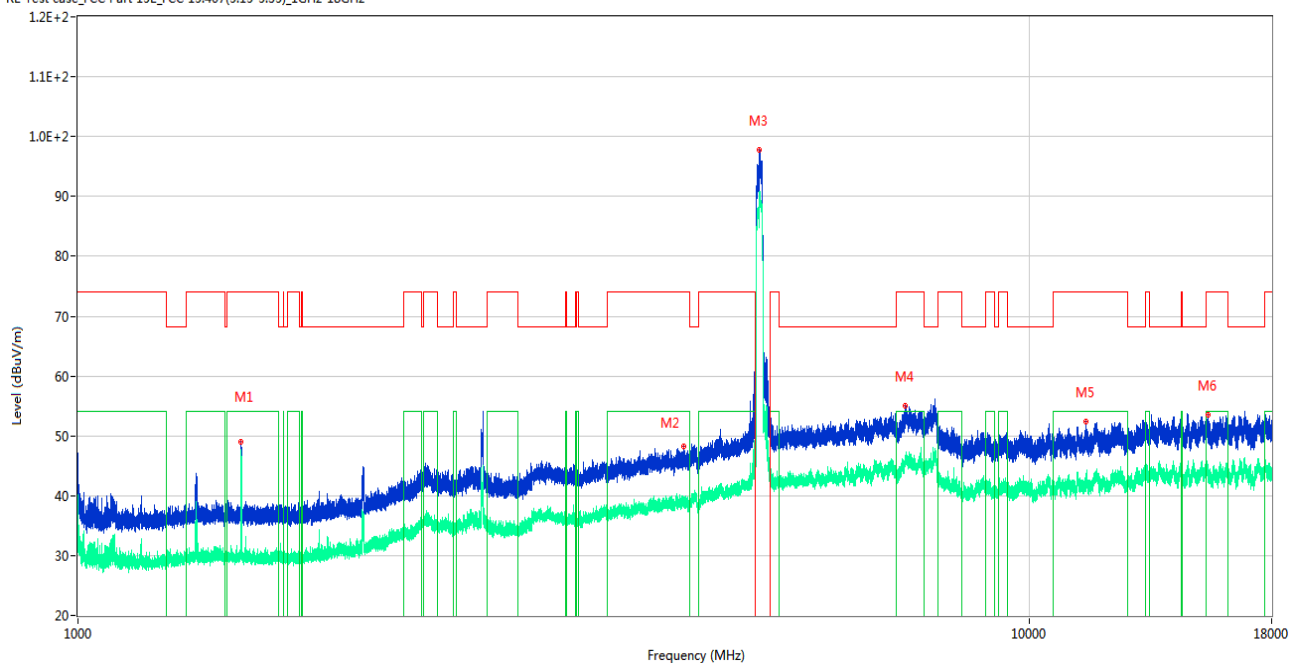
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	49.72	74.0	24.28	Peak	89.00	100	Horizontal	Pass
1**	1485.000	47.91	54.0	6.09	AV	89.00	100	Horizontal	Pass
2	4193.750	48.23	74.0	25.77	Peak	296.00	300	Horizontal	Pass
2**	4193.750	38.56	54.0	15.44	AV	296.00	300	Horizontal	Pass
3	5215.500	100.91	--	--	Peak	111.00	200	Horizontal	N/A
3**	5215.500	94.42	--	--	AV	111.00	200	Horizontal	N/A
4	7430.250	56.12	74.0	17.88	Peak	360.00	400	Horizontal	Pass
4**	7430.250	46.87	54.0	7.13	AV	360.00	400	Horizontal	Pass
5	12399.688	52.96	74.0	21.04	Peak	1.00	200	Horizontal	Pass
5**	12399.688	44.27	54.0	9.73	AV	1.00	200	Horizontal	Pass
6	16135.463	53.81	74.0	20.19	Peak	291.00	200	Horizontal	Pass
6**	16135.463	44.76	54.0	9.24	AV	291.00	200	Horizontal	Pass

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

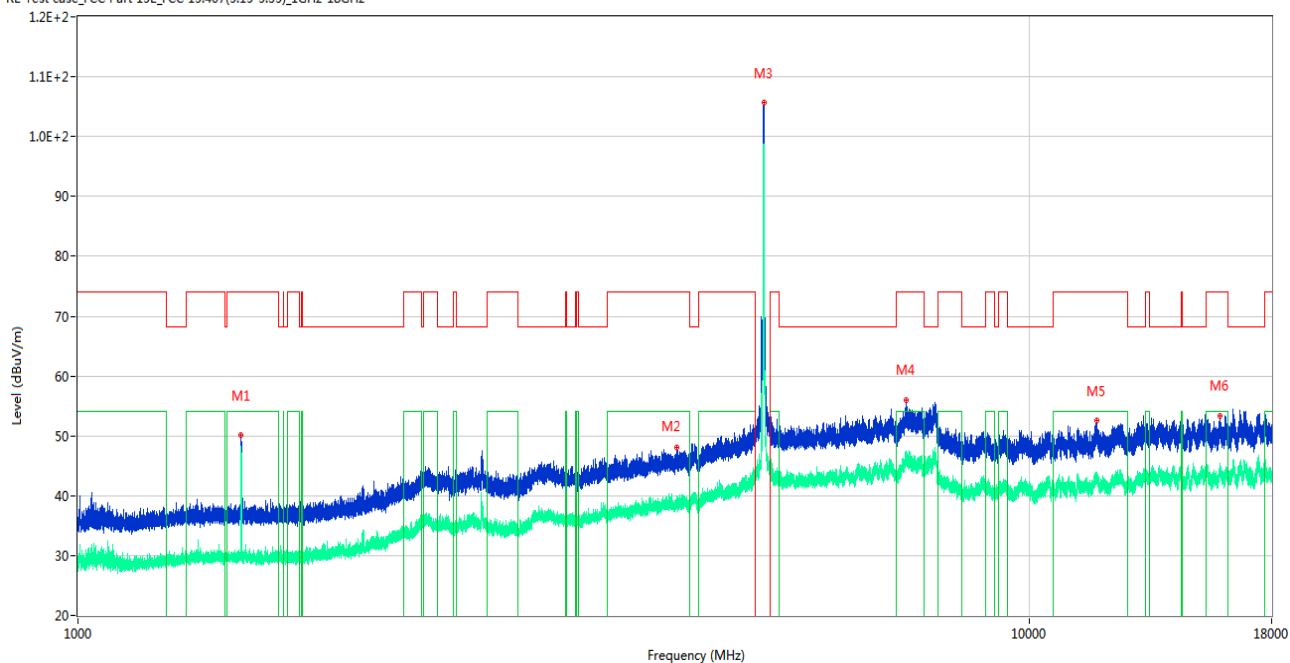
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	49.01	74.0	24.99	Peak	351.00	200	Vertical	Pass
1**	1484.900	47.68	54.0	6.32	AV	351.00	200	Vertical	Pass
2	4334.500	48.22	74.0	25.78	Peak	360.00	300	Vertical	Pass
2**	4334.500	38.44	54.0	15.56	AV	360.00	300	Vertical	Pass
3	5207.750	97.76	--	--	Peak	90.00	150	Vertical	N/A
3**	5207.750	90.25	--	--	AV	90.00	150	Vertical	N/A
4	7418.750	54.99	74.0	19.01	Peak	228.00	400	Vertical	Pass
4**	7418.750	46.08	54.0	7.92	AV	228.00	400	Vertical	Pass
5	11493.387	52.35	74.0	21.65	Peak	130.00	200	Vertical	Pass
5**	11493.387	42.31	54.0	11.69	AV	130.00	200	Vertical	Pass
6	15414.638	53.50	74.0	20.50	Peak	0.00	200	Vertical	Pass
6**	15414.638	44.17	54.0	9.83	AV	0.00	200	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

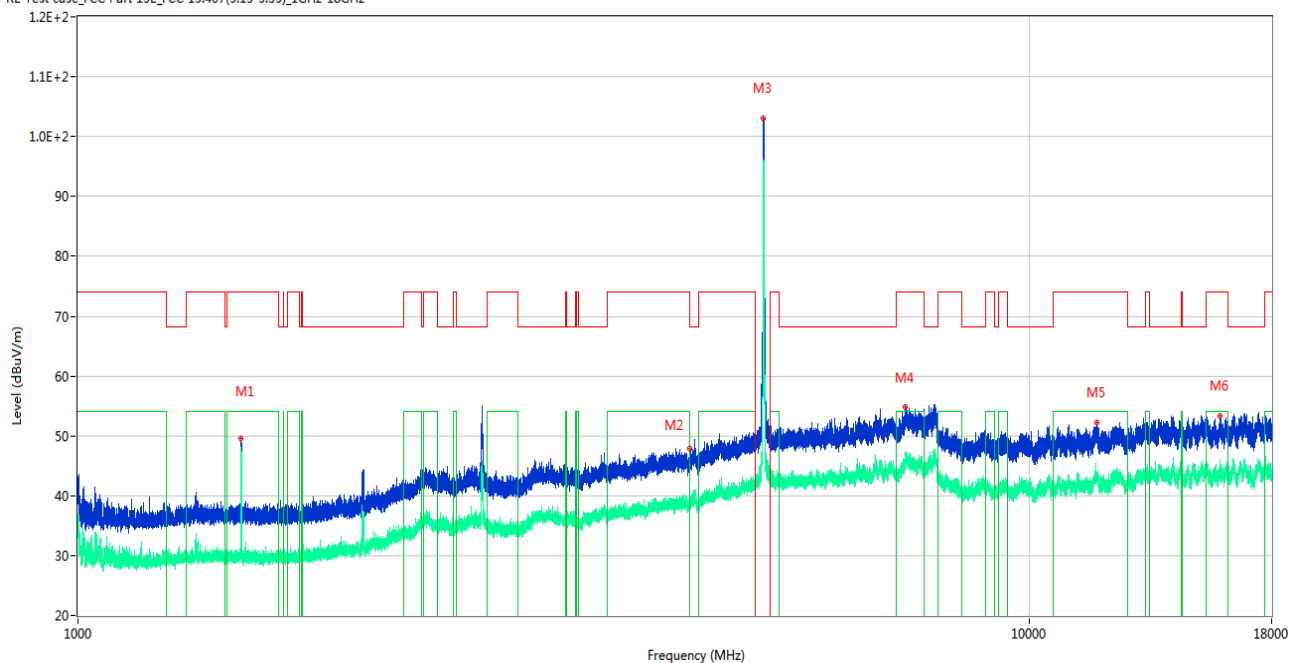
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	50.14	74.0	23.86	Peak	183.00	100	Horizontal	Pass
1**	1484.800	48.04	54.0	5.96	AV	183.00	100	Horizontal	Pass
2	4265.000	48.15	74.0	25.85	Peak	0.00	200	Horizontal	Pass
2**	4265.000	38.39	54.0	15.61	AV	0.00	200	Horizontal	Pass
3	5262.000	105.64	--	--	Peak	88.00	100	Horizontal	N/A
3**	5262.000	98.51	--	--	AV	88.00	100	Horizontal	N/A
4	7431.000	56.00	74.0	18.00	Peak	64.00	100	Horizontal	Pass
4**	7431.000	46.68	54.0	7.32	AV	64.00	100	Horizontal	Pass
5	11781.474	52.53	74.0	21.47	Peak	38.00	150	Horizontal	Pass
5**	11781.474	43.27	54.0	10.73	AV	38.00	150	Horizontal	Pass
6	15888.975	53.37	74.0	20.63	Peak	126.00	400	Horizontal	Pass
6**	15888.975	44.12	54.0	9.88	AV	126.00	400	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

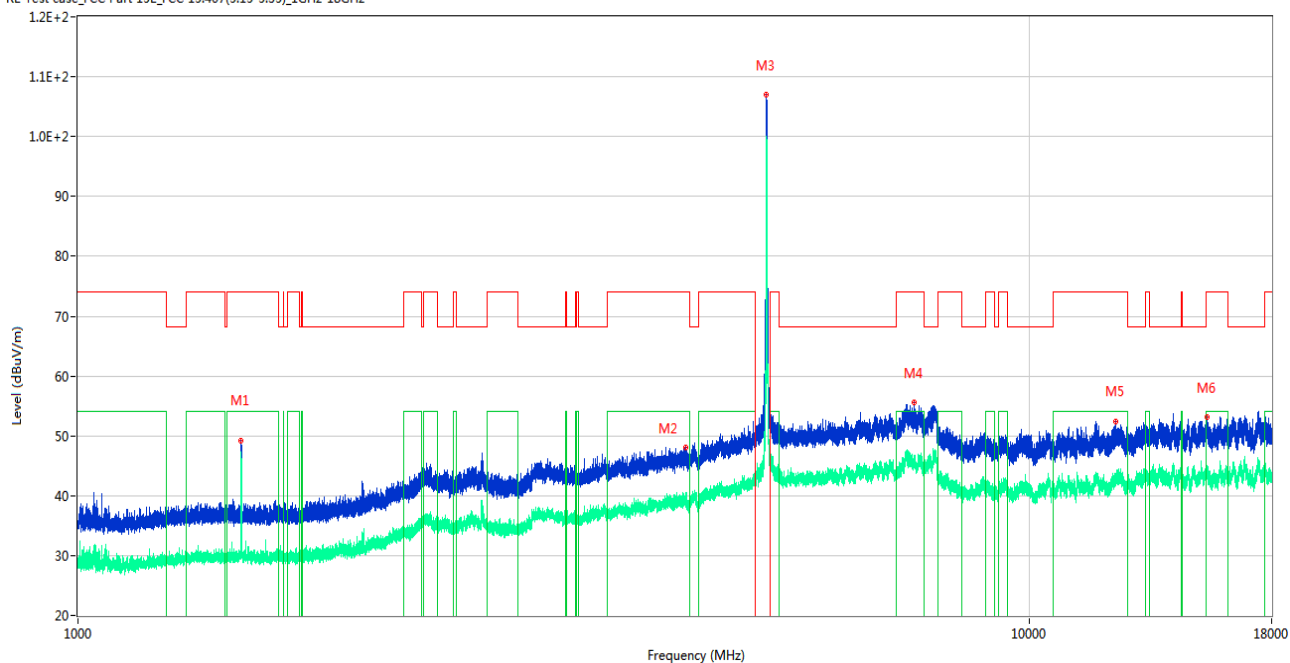
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	49.61	74.0	24.39	Peak	328.00	400	Vertical	Pass
1**	1484.900	47.98	54.0	6.02	AV	328.00	400	Vertical	Pass
2	4399.500	47.96	74.0	26.04	Peak	0.00	200	Vertical	Pass
2**	4399.500	38.96	54.0	15.04	AV	0.00	200	Vertical	Pass
3	5259.500	103.07	--	--	Peak	87.00	150	Vertical	N/A
3**	5259.500	96.01	--	--	AV	87.00	150	Vertical	N/A
4	7409.750	54.80	74.0	19.20	Peak	179.00	100	Vertical	Pass
4**	7409.750	45.36	54.0	8.64	AV	179.00	100	Vertical	Pass
5	11777.912	52.22	74.0	21.78	Peak	135.00	150	Vertical	Pass
5**	11777.912	42.68	54.0	11.32	AV	135.00	150	Vertical	Pass
6	15898.951	53.40	74.0	20.60	Peak	100.00	300	Vertical	Pass
6**	15898.951	43.78	54.0	10.22	AV	100.00	300	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

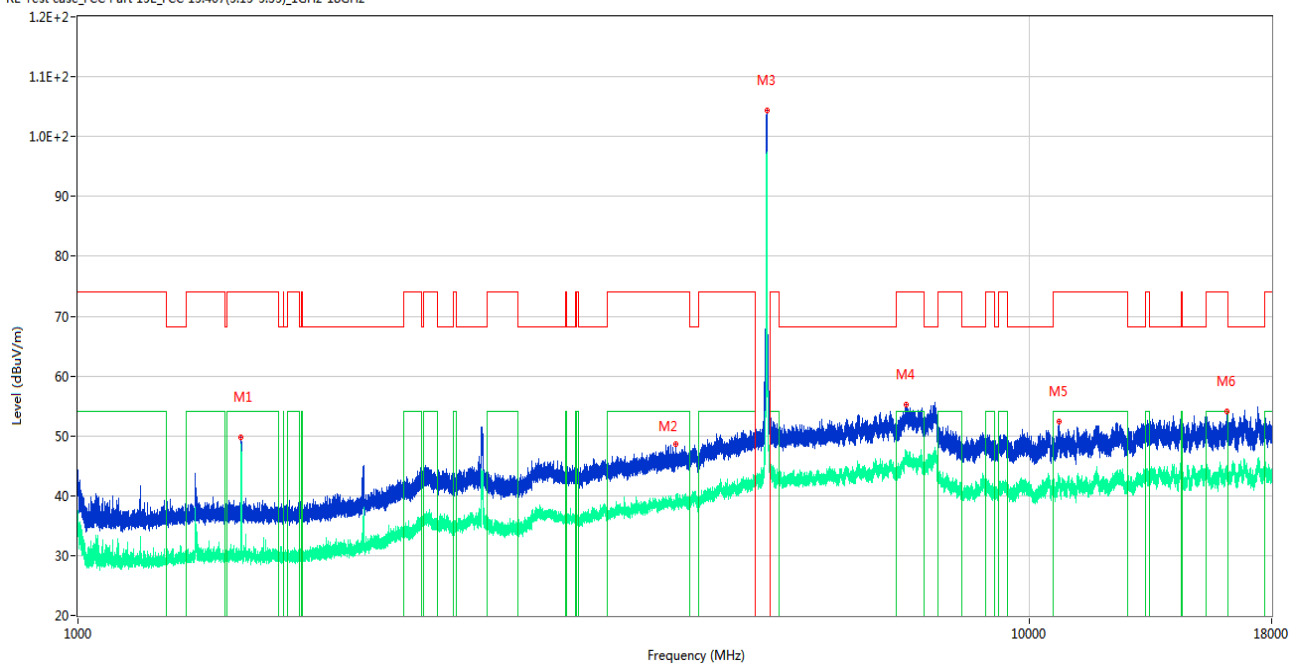
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	49.12	74.0	24.88	Peak	6.00	100	Horizontal	Pass
1**	1485.000	47.30	54.0	6.70	AV	6.00	100	Horizontal	Pass
2	4358.750	48.03	74.0	25.97	Peak	161.00	100	Horizontal	Pass
2**	4358.750	38.67	54.0	15.33	AV	161.00	100	Horizontal	Pass
3	5299.000	106.93	--	--	Peak	93.00	100	Horizontal	N/A
3**	5299.000	99.15	--	--	AV	93.00	100	Horizontal	N/A
4	7566.500	55.58	74.0	18.42	Peak	229.00	100	Horizontal	Pass
4**	7566.500	45.93	54.0	8.07	AV	229.00	100	Horizontal	Pass
5	12343.875	52.46	74.0	21.54	Peak	88.00	100	Horizontal	Pass
5**	12343.875	42.51	54.0	11.49	AV	88.00	100	Horizontal	Pass
6	15378.938	53.11	74.0	20.89	Peak	242.00	200	Horizontal	Pass
6**	15378.938	43.68	54.0	10.32	AV	242.00	200	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

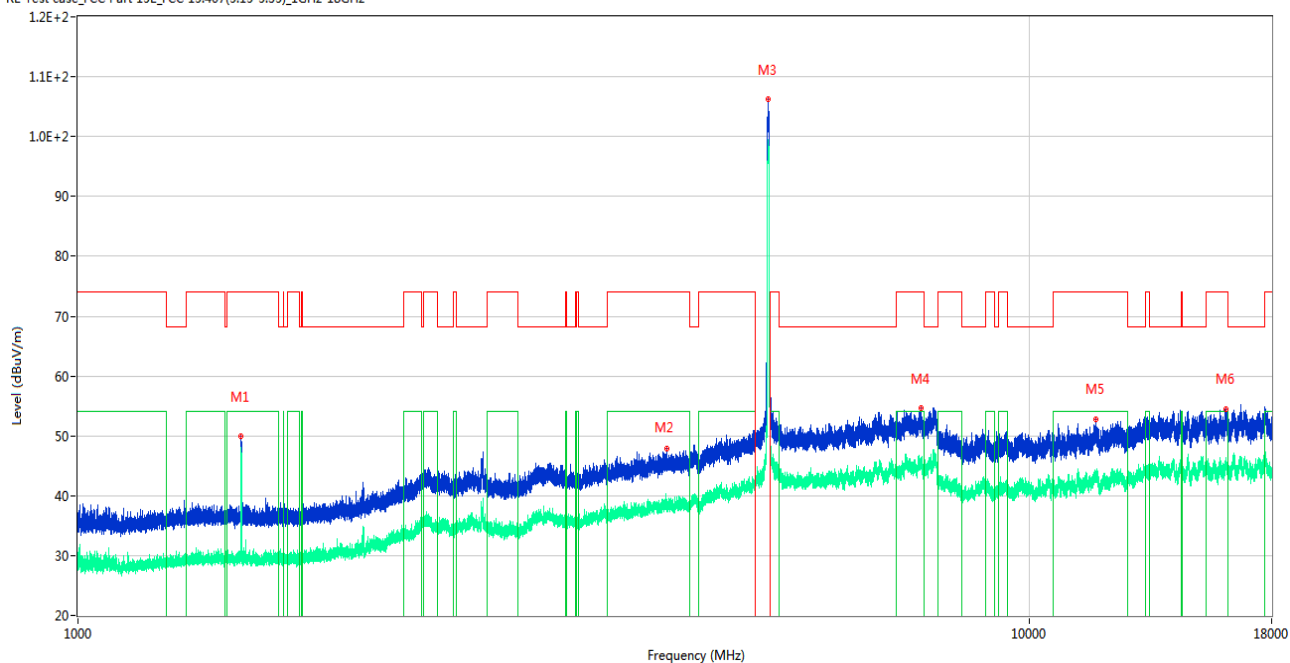
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	49.77	74.0	24.23	Peak	318.00	200	Vertical	Pass
1**	1484.900	48.22	54.0	5.78	AV	318.00	200	Vertical	Pass
2	4255.000	48.56	74.0	25.44	Peak	115.00	300	Vertical	Pass
2**	4255.000	39.87	54.0	14.13	AV	115.00	300	Vertical	Pass
3	5301.750	104.37	--	--	Peak	93.00	200	Vertical	N/A
3**	5301.750	97.00	--	--	AV	93.00	200	Vertical	N/A
4	7426.000	55.26	74.0	18.74	Peak	299.00	400	Vertical	Pass
4**	7426.000	47.06	54.0	6.94	AV	299.00	400	Vertical	Pass
5	10755.000	52.43	74.0	21.57	Peak	183.00	200	Vertical	Pass
5**	10755.000	42.46	54.0	11.54	AV	183.00	200	Vertical	Pass
6	16163.287	54.09	74.0	19.91	Peak	286.00	100	Vertical	Pass
6**	16163.287	43.23	54.0	10.77	AV	286.00	100	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

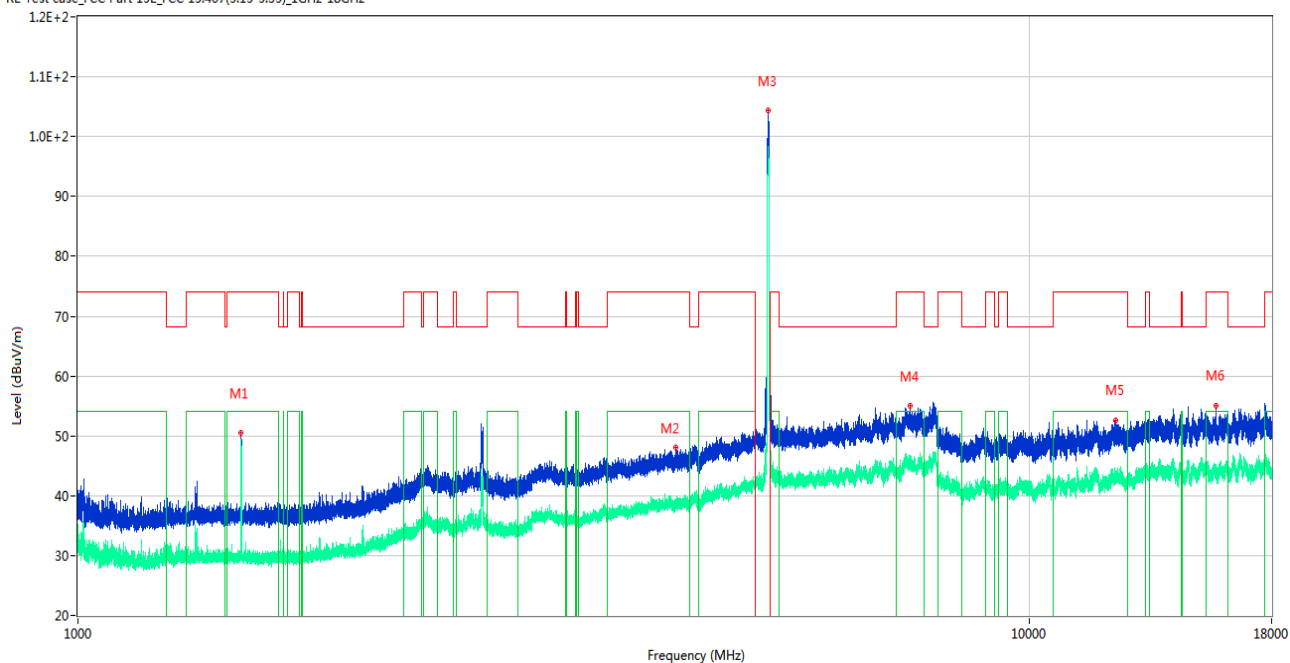
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	50.01	74.0	23.99	Peak	122.00	400	Horizontal	Pass
1**	1484.700	47.17	54.0	6.83	AV	122.00	400	Horizontal	Pass
2	4165.500	47.83	74.0	26.17	Peak	138.00	100	Horizontal	Pass
2**	4165.500	37.80	54.0	16.20	AV	138.00	100	Horizontal	Pass
3	5318.250	106.23	--	--	Peak	92.00	100	Horizontal	N/A
3**	5318.250	98.24	--	--	AV	92.00	100	Horizontal	N/A
4	7696.500	54.56	74.0	19.44	Peak	274.00	200	Horizontal	Pass
4**	7696.500	44.73	54.0	9.27	AV	274.00	200	Horizontal	Pass
5	11763.188	52.82	74.0	21.18	Peak	234.00	100	Horizontal	Pass
5**	11763.188	42.65	54.0	11.35	AV	234.00	100	Horizontal	Pass
6	16097.401	54.50	74.0	19.50	Peak	262.00	300	Horizontal	Pass
6**	16097.401	45.60	54.0	8.40	AV	262.00	300	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

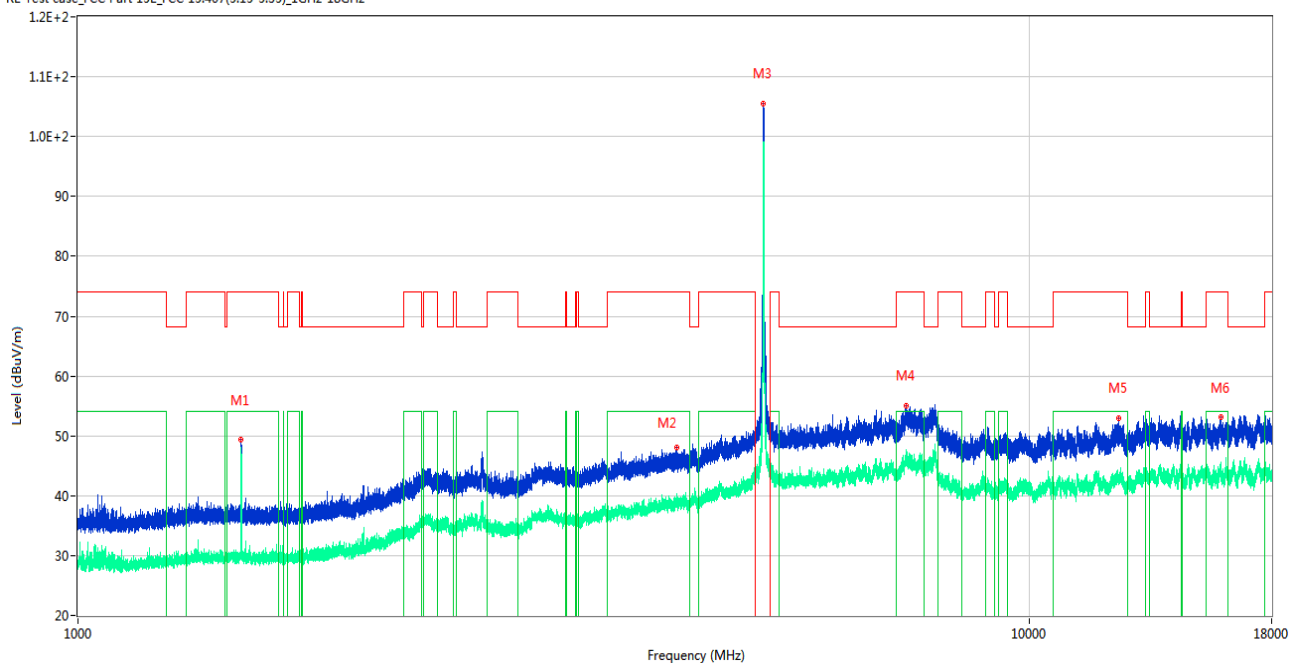
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	50.46	74.0	23.54	Peak	147.00	400	Vertical	Pass
1**	1484.600	47.72	54.0	6.28	AV	147.00	400	Vertical	Pass
2	4256.750	48.03	74.0	25.97	Peak	23.00	200	Vertical	Pass
2**	4256.750	38.66	54.0	15.34	AV	23.00	200	Vertical	Pass
3	5318.750	104.35	--	--	Peak	90.00	150	Vertical	N/A
3**	5318.750	96.79	--	--	AV	90.00	150	Vertical	N/A
4	7492.500	54.95	74.0	19.05	Peak	229.00	200	Vertical	Pass
4**	7492.500	45.43	54.0	8.57	AV	229.00	200	Vertical	Pass
5	12326.776	52.59	74.0	21.41	Peak	153.00	100	Vertical	Pass
5**	12326.776	42.46	54.0	11.54	AV	153.00	100	Vertical	Pass
6	15722.025	55.05	74.0	18.95	Peak	233.00	100	Vertical	Pass
6**	15722.025	43.77	54.0	10.23	AV	233.00	100	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

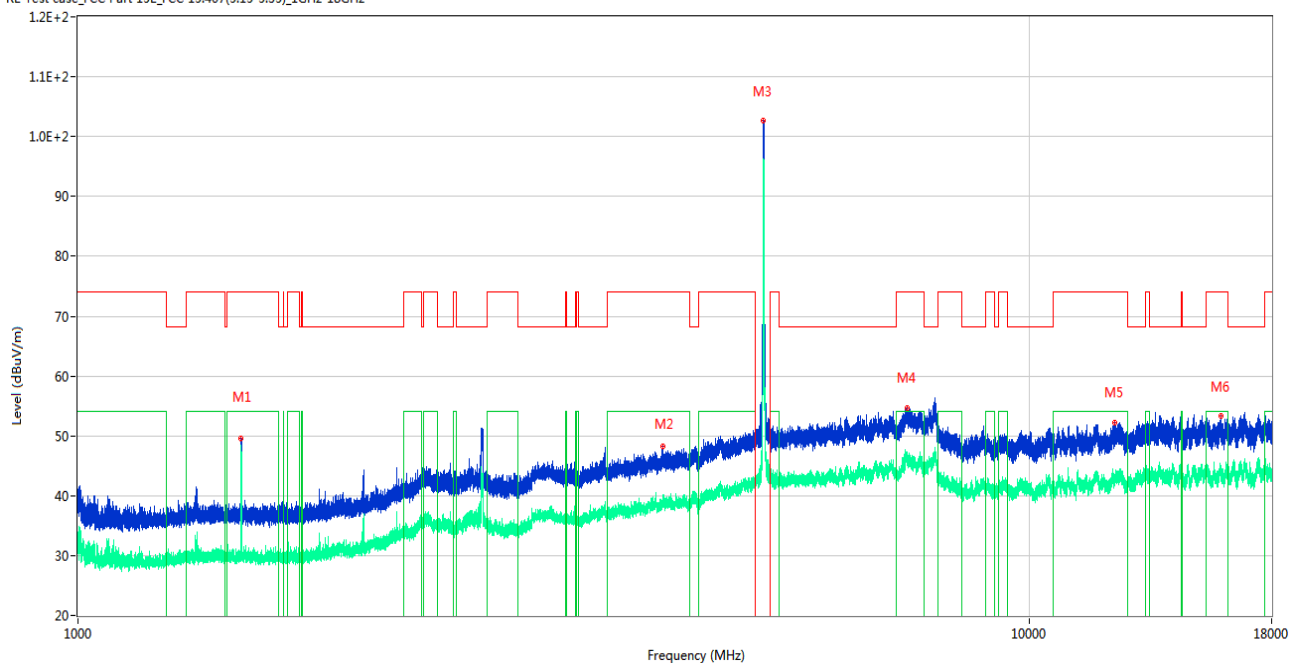
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	49.39	74.0	24.61	Peak	89.00	200	Horizontal	Pass
1**	1485.000	47.91	54.0	6.09	AV	89.00	200	Horizontal	Pass
2	4260.500	48.06	74.0	25.94	Peak	250.00	100	Horizontal	Pass
2**	4260.500	39.15	54.0	14.85	AV	250.00	100	Horizontal	Pass
3	5258.750	105.55	--	--	Peak	113.00	100	Horizontal	N/A
3**	5258.750	97.75	--	--	AV	113.00	100	Horizontal	N/A
4	7427.500	55.05	74.0	18.95	Peak	68.00	300	Horizontal	Pass
4**	7427.500	46.30	54.0	7.70	AV	68.00	300	Horizontal	Pass
5	12416.075	52.98	74.0	21.02	Peak	190.00	150	Horizontal	Pass
5**	12416.075	42.99	54.0	11.01	AV	190.00	150	Horizontal	Pass
6	15907.088	53.13	74.0	20.87	Peak	360.00	200	Horizontal	Pass
6**	15907.088	43.62	54.0	10.38	AV	360.00	200	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

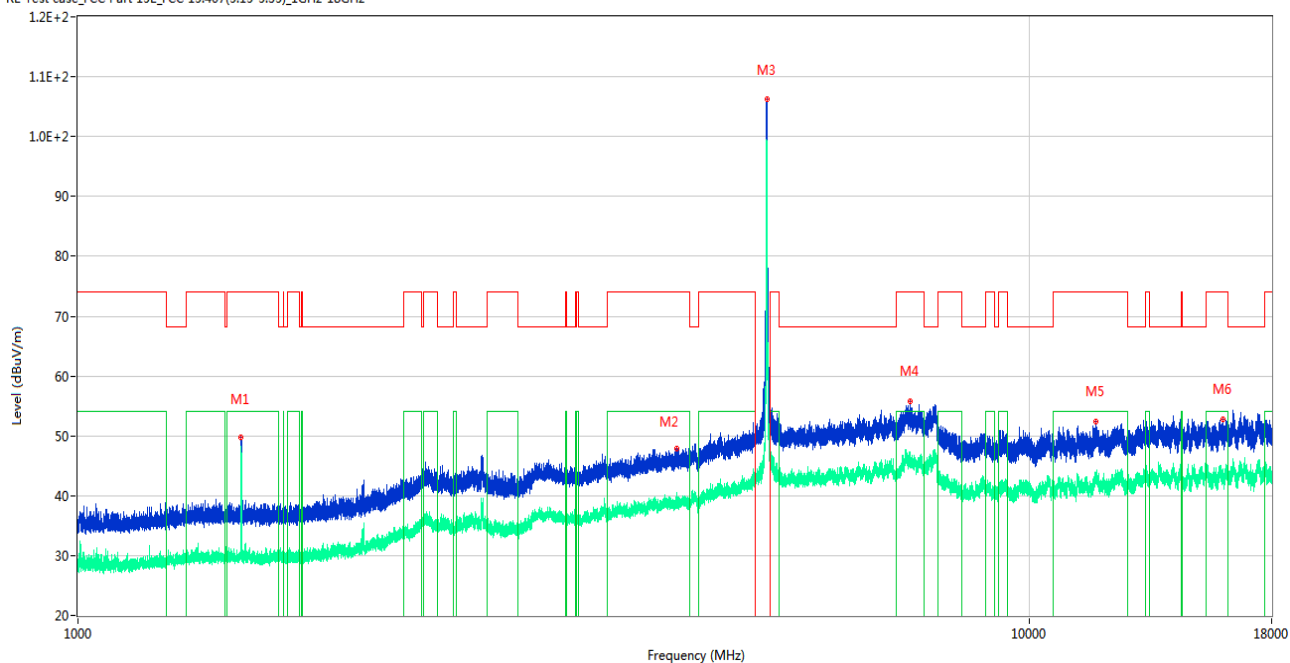
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	49.64	74.0	24.36	Peak	297.00	400	Vertical	Pass
1**	1484.900	48.29	54.0	5.71	AV	297.00	400	Vertical	Pass
2	4118.500	48.31	74.0	25.69	Peak	229.00	200	Vertical	Pass
2**	4118.500	39.50	54.0	14.50	AV	229.00	200	Vertical	Pass
3	5261.000	102.59	--	--	Peak	93.00	150	Vertical	N/A
3**	5261.000	95.53	--	--	AV	93.00	150	Vertical	N/A
4	7452.500	54.74	74.0	19.26	Peak	275.00	300	Vertical	Pass
4**	7452.500	45.63	54.0	8.37	AV	275.00	300	Vertical	Pass
5	12311.576	52.21	74.0	21.79	Peak	138.00	100	Vertical	Pass
5**	12311.576	42.30	54.0	11.70	AV	138.00	100	Vertical	Pass
6	15907.613	53.24	74.0	20.76	Peak	250.00	400	Vertical	Pass
6**	15907.613	43.27	54.0	10.73	AV	250.00	400	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

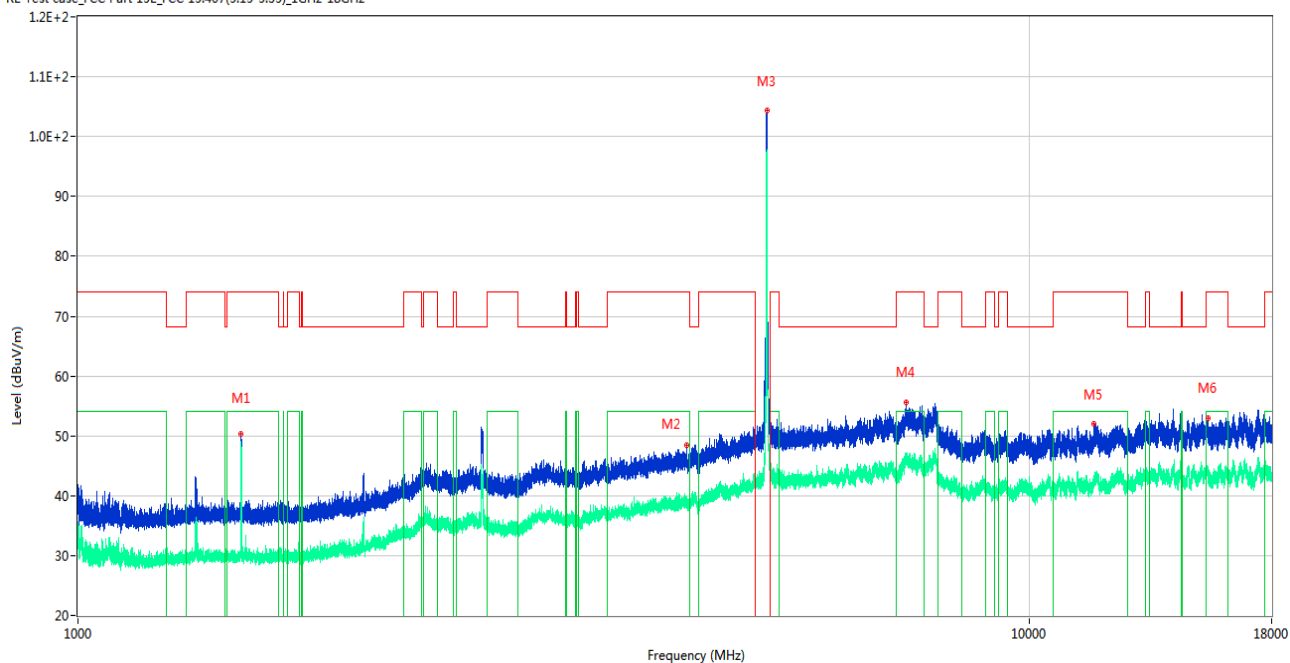
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	49.80	74.0	24.20	Peak	298.00	300	Horizontal	Pass
1**	1484.800	47.84	54.0	6.16	AV	298.00	300	Horizontal	Pass
2	4263.500	47.96	74.0	26.04	Peak	207.00	400	Horizontal	Pass
2**	4263.500	39.01	54.0	14.99	AV	207.00	400	Horizontal	Pass
3	5301.000	106.23	--	--	Peak	115.00	200	Horizontal	N/A
3**	5301.000	98.83	--	--	AV	115.00	200	Horizontal	N/A
4	7498.000	55.81	74.0	18.19	Peak	360.00	400	Horizontal	Pass
4**	7498.000	45.32	54.0	8.68	AV	360.00	400	Horizontal	Pass
5	11772.450	52.40	74.0	21.60	Peak	157.00	100	Horizontal	Pass
5**	11772.450	42.64	54.0	11.36	AV	157.00	100	Horizontal	Pass
6	15993.187	52.83	74.0	21.17	Peak	116.00	200	Horizontal	Pass
6**	15993.187	42.78	54.0	11.22	AV	116.00	200	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

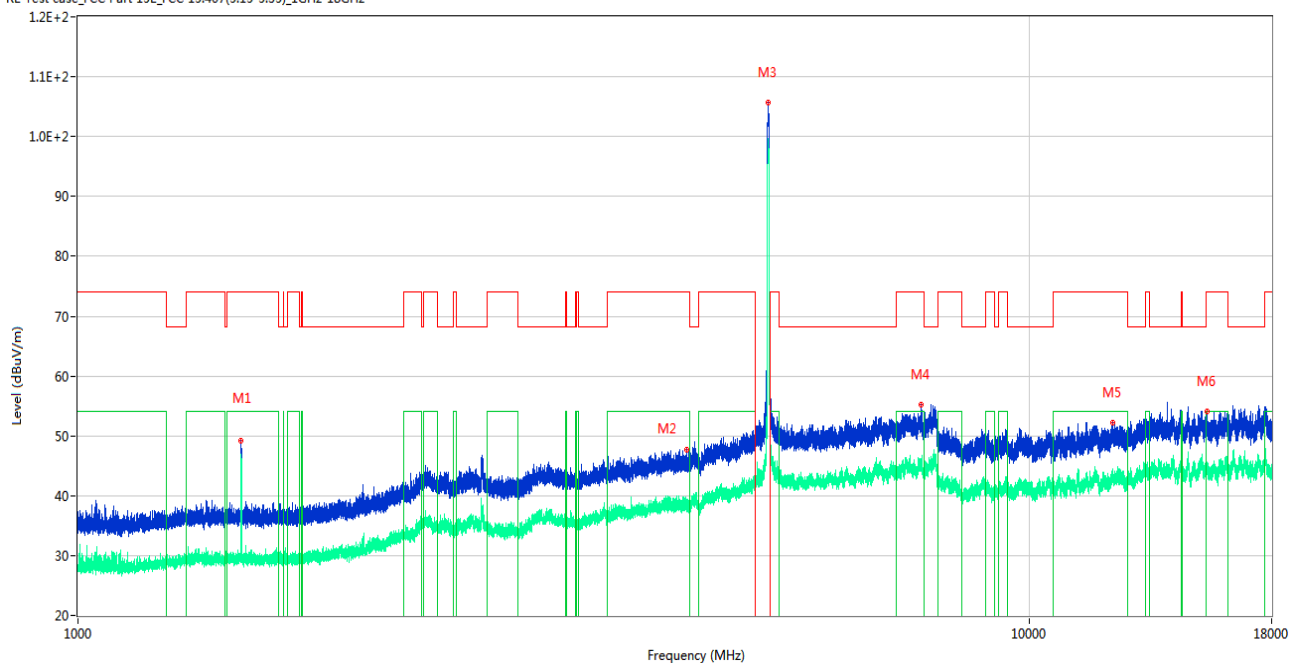
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	50.28	74.0	23.72	Peak	120.00	200	Vertical	Pass
1**	1484.800	48.49	54.0	5.51	AV	120.00	200	Vertical	Pass
2	4368.500	48.35	74.0	25.65	Peak	90.00	400	Vertical	Pass
2**	4368.500	38.66	54.0	15.34	AV	90.00	400	Vertical	Pass
3	5303.000	104.33	--	--	Peak	90.00	200	Vertical	N/A
3**	5303.000	96.97	--	--	AV	90.00	200	Vertical	N/A
4	7435.500	55.66	74.0	18.34	Peak	296.00	200	Vertical	Pass
4**	7435.500	45.52	54.0	8.48	AV	296.00	200	Vertical	Pass
5	11693.600	51.93	74.0	22.07	Peak	216.00	100	Vertical	Pass
5**	11693.600	41.74	54.0	12.26	AV	216.00	100	Vertical	Pass
6	15427.500	52.97	74.0	21.03	Peak	0.00	100	Vertical	Pass
6**	15427.500	43.56	54.0	10.44	AV	0.00	100	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

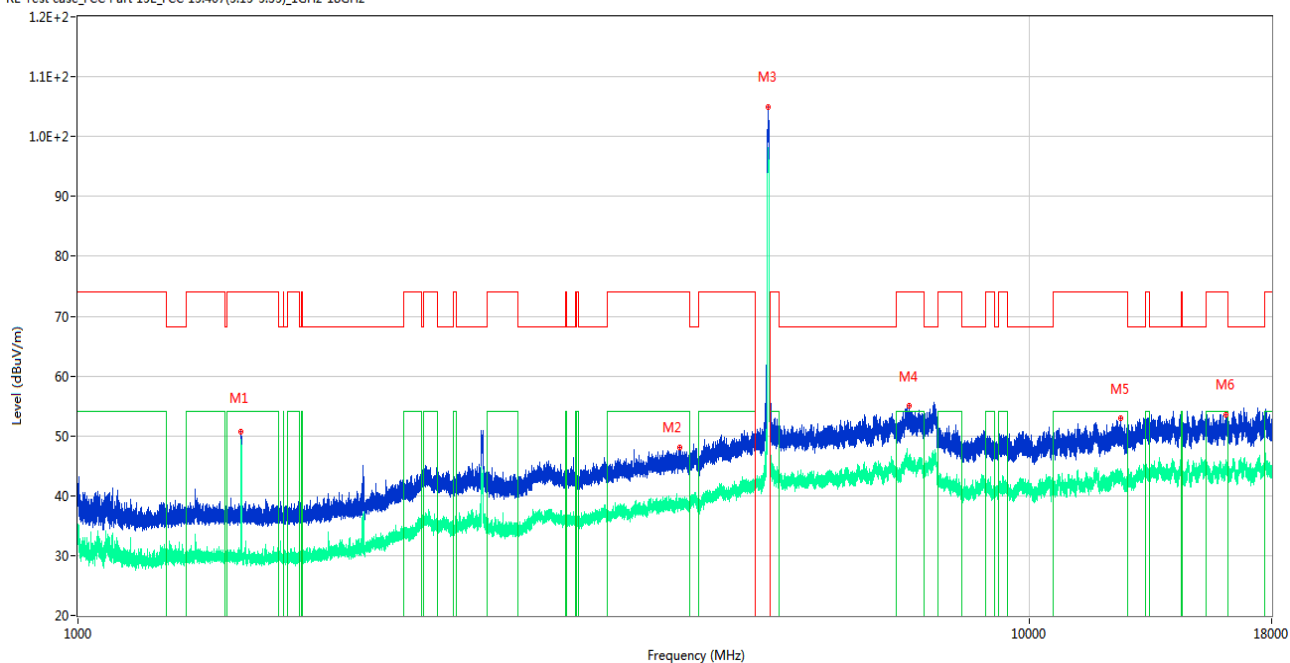
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	49.27	74.0	24.73	Peak	151.00	100	Horizontal	Pass
1**	1484.800	46.73	54.0	7.27	AV	151.00	100	Horizontal	Pass
2	4367.250	47.69	74.0	26.31	Peak	360.00	300	Horizontal	Pass
2**	4367.250	38.07	54.0	15.93	AV	360.00	300	Horizontal	Pass
3	5321.250	105.69	--	--	Peak	91.00	200	Horizontal	N/A
3**	5321.250	98.96	--	--	AV	91.00	200	Horizontal	N/A
4	7709.250	55.29	74.0	18.71	Peak	250.00	200	Horizontal	Pass
4**	7709.250	45.71	54.0	8.29	AV	250.00	200	Horizontal	Pass
5	12249.588	52.24	74.0	21.76	Peak	106.00	150	Horizontal	Pass
5**	12249.588	43.48	54.0	10.52	AV	106.00	150	Horizontal	Pass
6	15381.037	54.17	74.0	19.83	Peak	47.00	200	Horizontal	Pass
6**	15381.037	44.94	54.0	9.06	AV	47.00	200	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

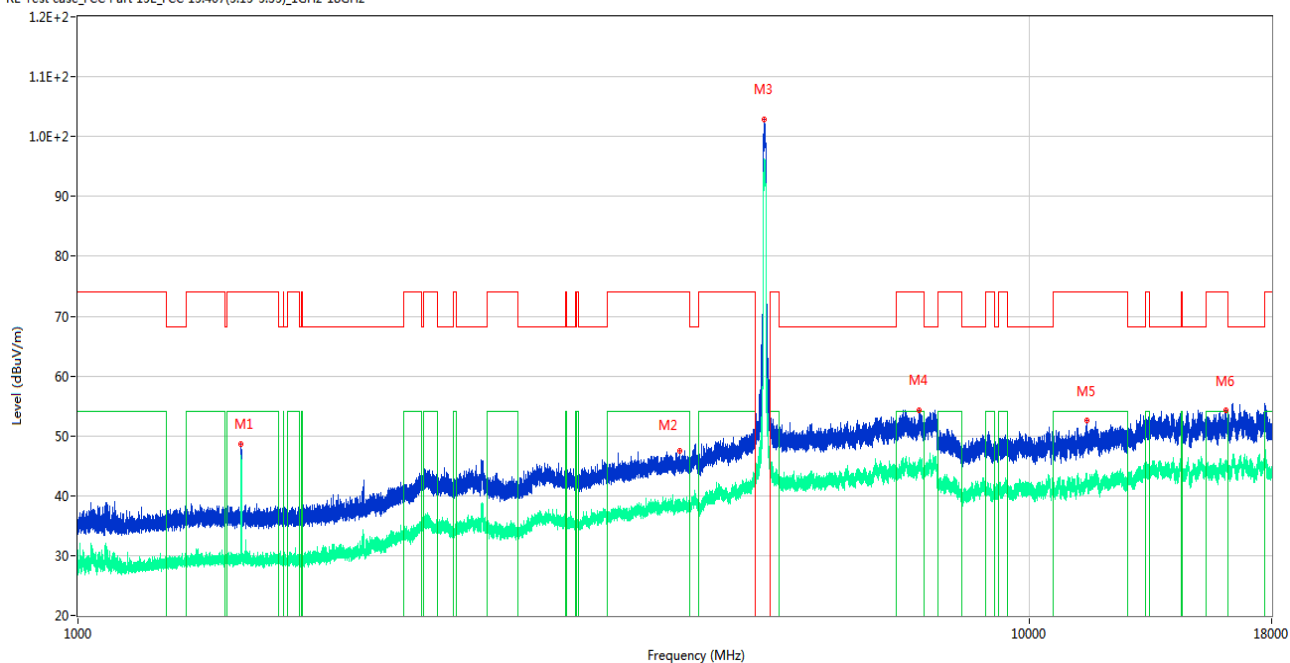
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	50.77	74.0	23.23	Peak	132.00	400	Vertical	Pass
1**	1484.800	49.12	54.0	4.88	AV	132.00	400	Vertical	Pass
2	4291.500	48.01	74.0	25.99	Peak	160.00	300	Vertical	Pass
2**	4291.500	38.73	54.0	15.27	AV	160.00	300	Vertical	Pass
3	5322.750	105.00	--	--	Peak	90.00	200	Vertical	N/A
3**	5322.750	97.47	--	--	AV	90.00	200	Vertical	N/A
4	7483.500	55.01	74.0	18.99	Peak	90.00	200	Vertical	Pass
4**	7483.500	45.46	54.0	8.54	AV	90.00	200	Vertical	Pass
5	12492.550	52.93	74.0	21.07	Peak	55.00	200	Vertical	Pass
5**	12492.550	43.78	54.0	10.22	AV	55.00	200	Vertical	Pass
6	16102.125	53.57	74.0	20.43	Peak	192.00	400	Vertical	Pass
6**	16102.125	44.85	54.0	9.15	AV	192.00	400	Vertical	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

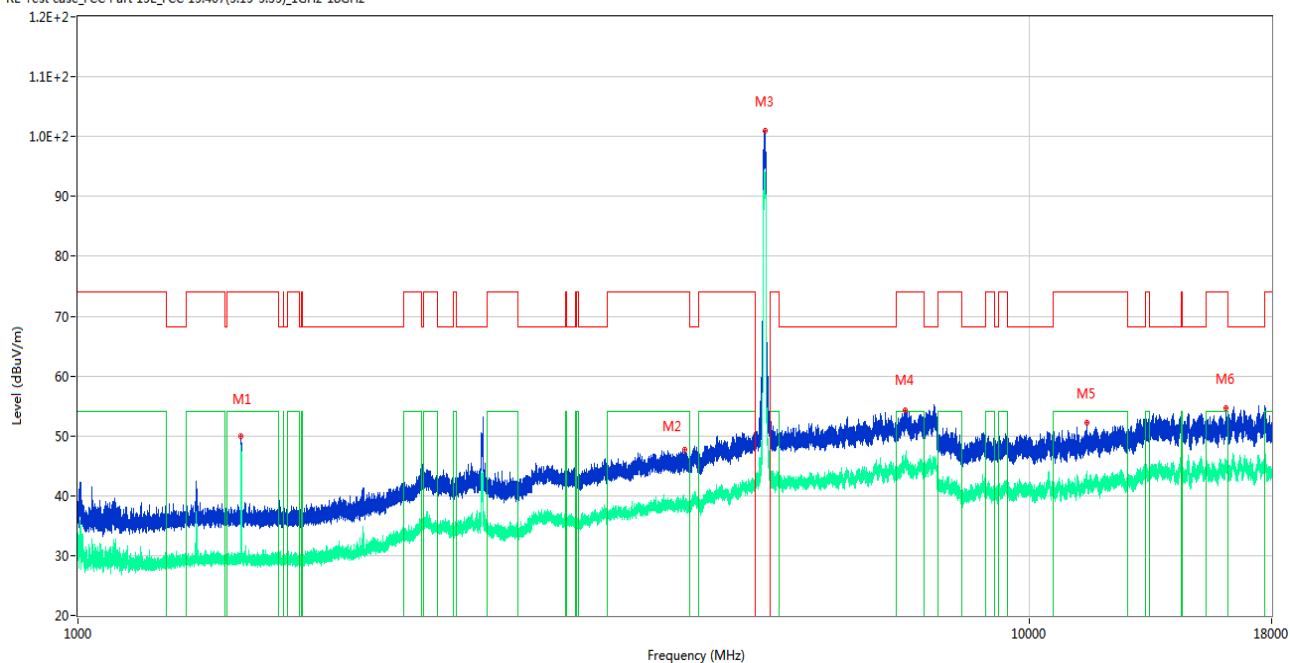
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	48.55	74.0	25.45	Peak	293.00	200	Horizontal	Pass
1**	1484.800	46.79	54.0	7.21	AV	293.00	200	Horizontal	Pass
2	4291.500	47.58	74.0	26.42	Peak	273.00	200	Horizontal	Pass
2**	4291.500	38.67	54.0	15.33	AV	273.00	200	Horizontal	Pass
3	5273.750	102.94	--	--	Peak	89.00	100	Horizontal	N/A
3**	5273.750	95.64	--	--	AV	89.00	100	Horizontal	N/A
4	7668.750	54.37	74.0	19.63	Peak	273.00	400	Horizontal	Pass
4**	7668.750	45.00	54.0	9.00	AV	273.00	400	Horizontal	Pass
5	11496.475	52.51	74.0	21.49	Peak	234.00	200	Horizontal	Pass
5**	11496.475	42.49	54.0	11.51	AV	234.00	200	Horizontal	Pass
6	16128.375	54.19	74.0	19.81	Peak	296.00	200	Horizontal	Pass
6**	16128.375	44.95	54.0	9.05	AV	296.00	200	Horizontal	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

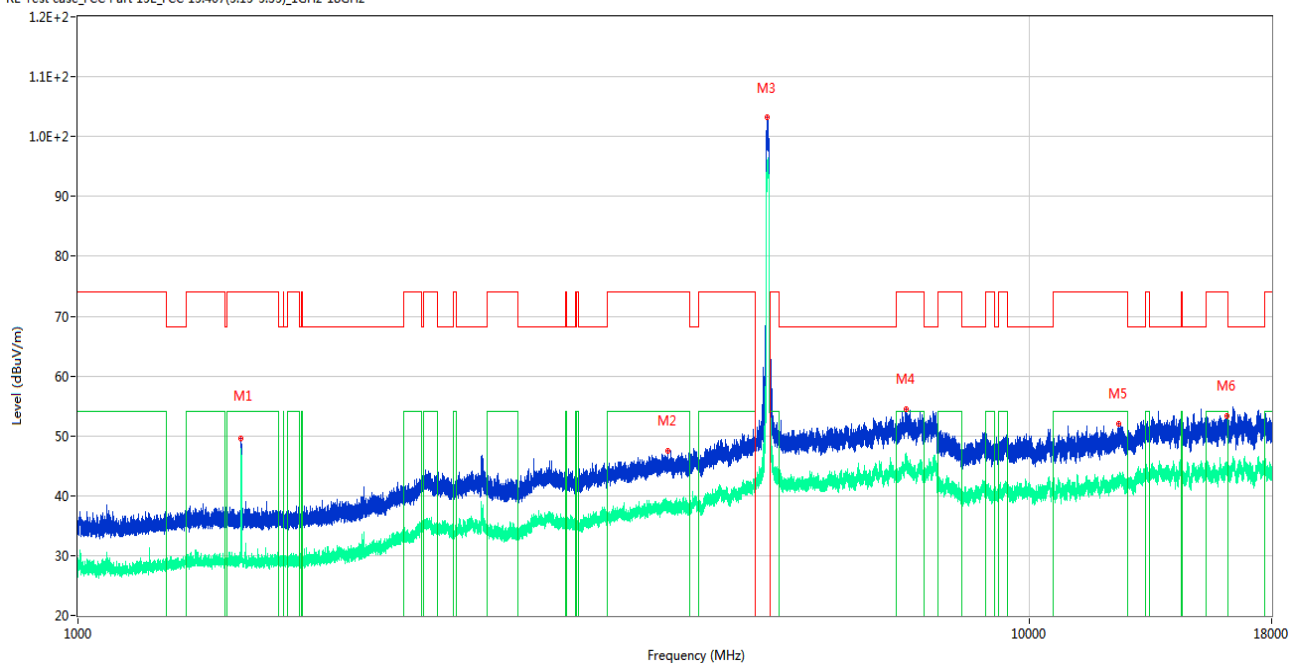
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	49.88	74.0	24.12	Peak	267.00	200	Vertical	Pass
1**	1485.000	48.46	54.0	5.54	AV	267.00	200	Vertical	Pass
2	4346.000	47.72	74.0	26.28	Peak	360.00	100	Vertical	Pass
2**	4346.000	39.19	54.0	14.81	AV	360.00	100	Vertical	Pass
3	5274.250	100.95	--	--	Peak	93.00	100	Vertical	N/A
3**	5274.250	93.78	--	--	AV	93.00	100	Vertical	N/A
4	7420.500	54.36	74.0	19.64	Peak	360.00	400	Vertical	Pass
4**	7420.500	45.89	54.0	8.11	AV	360.00	400	Vertical	Pass
5	11507.637	52.18	74.0	21.82	Peak	139.00	200	Vertical	Pass
5**	11507.637	42.44	54.0	11.56	AV	139.00	200	Vertical	Pass
6	16129.424	54.57	74.0	19.43	Peak	41.00	200	Vertical	Pass
6**	16129.424	45.07	54.0	8.93	AV	41.00	200	Vertical	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

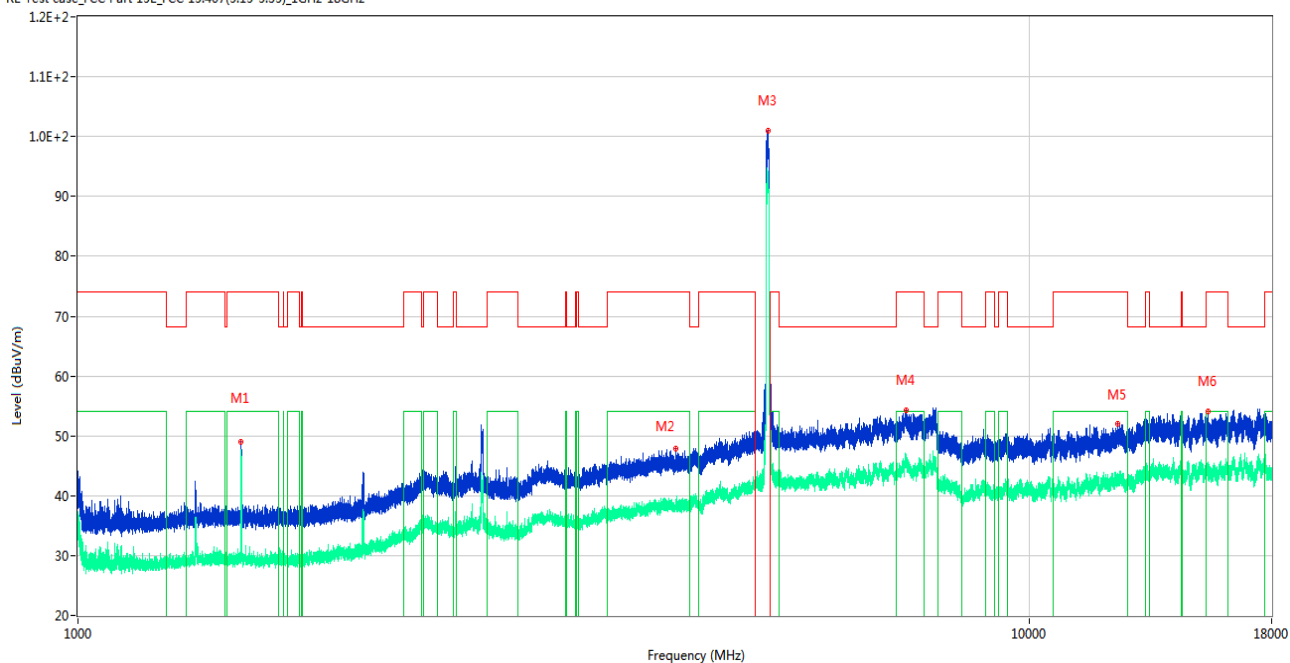
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	49.48	74.0	24.52	Peak	206.00	100	Horizontal	Pass
1**	1484.600	46.48	54.0	7.52	AV	206.00	100	Horizontal	Pass
2	4172.250	47.57	74.0	26.43	Peak	0.00	100	Horizontal	Pass
2**	4172.250	38.20	54.0	15.80	AV	0.00	100	Horizontal	Pass
3	5307.000	103.21	--	--	Peak	131.00	100	Horizontal	N/A
3**	5307.000	95.76	--	--	AV	131.00	100	Horizontal	N/A
4	7425.500	54.52	74.0	19.48	Peak	0.00	300	Horizontal	Pass
4**	7425.500	45.33	54.0	8.67	AV	0.00	300	Horizontal	Pass
5	12428.662	52.06	74.0	21.94	Peak	96.00	150	Horizontal	Pass
5**	12428.662	41.99	54.0	12.01	AV	96.00	150	Horizontal	Pass
6	16149.112	53.42	74.0	20.58	Peak	224.00	400	Horizontal	Pass
6**	16149.112	43.89	54.0	10.11	AV	224.00	400	Horizontal	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

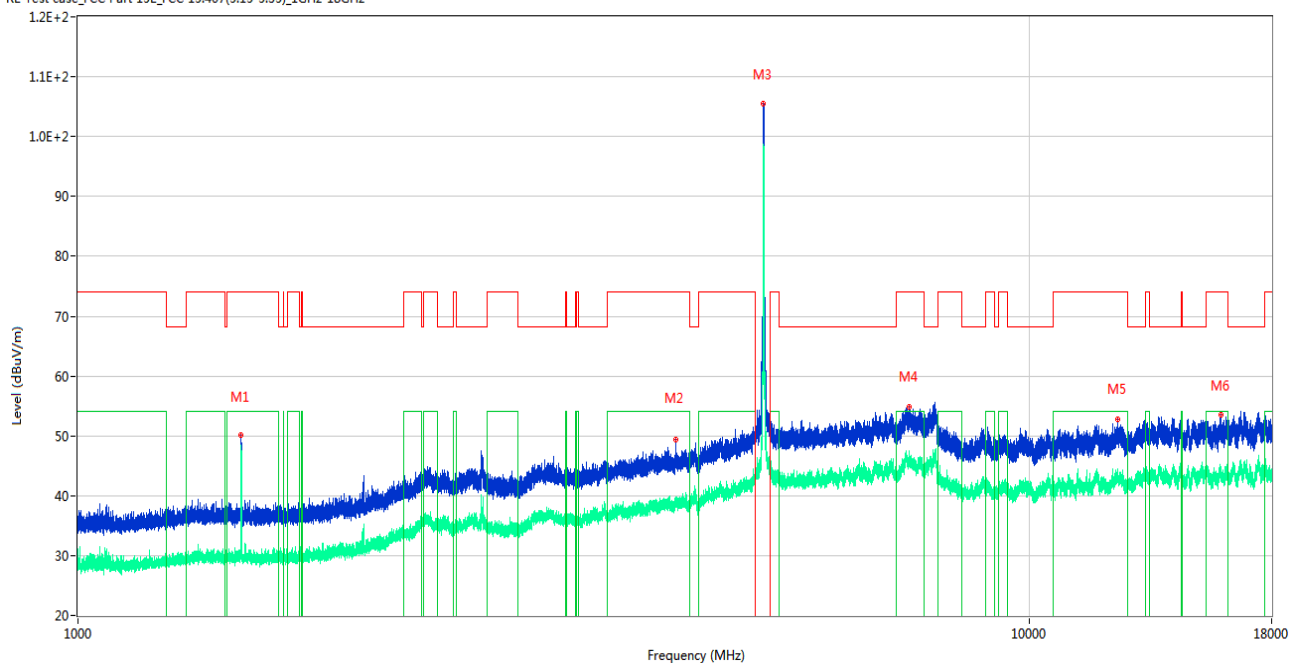
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	49.08	74.0	24.92	Peak	309.00	100	Vertical	Pass
1**	1484.800	47.40	54.0	6.60	AV	309.00	100	Vertical	Pass
2	4253.000	47.85	74.0	26.15	Peak	321.00	300	Vertical	Pass
2**	4253.000	39.12	54.0	14.88	AV	321.00	300	Vertical	Pass
3	5312.500	101.01	--	--	Peak	91.00	200	Vertical	N/A
3**	5312.500	93.24	--	--	AV	91.00	200	Vertical	N/A
4	7423.250	54.36	74.0	19.64	Peak	205.00	100	Vertical	Pass
4**	7423.250	46.28	54.0	7.72	AV	205.00	100	Vertical	Pass
5	12409.425	51.97	74.0	22.03	Peak	283.00	200	Vertical	Pass
5**	12409.425	42.16	54.0	11.84	AV	283.00	200	Vertical	Pass
6	15424.088	54.10	74.0	19.90	Peak	160.00	200	Vertical	Pass
6**	15424.088	44.36	54.0	9.64	AV	160.00	200	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

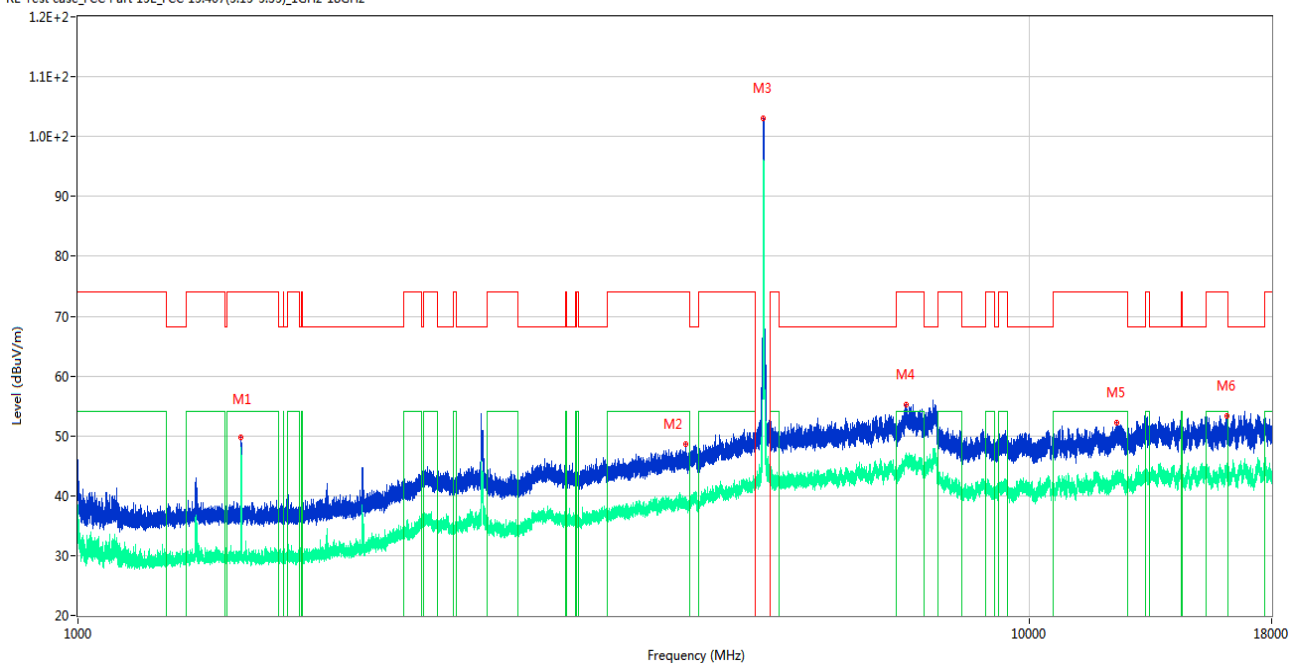
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	50.09	74.0	23.91	Peak	161.00	300	Horizontal	Pass
1**	1484.900	48.26	54.0	5.74	AV	161.00	300	Horizontal	Pass
2	4251.000	49.42	74.0	24.58	Peak	204.00	200	Horizontal	Pass
2**	4251.000	38.87	54.0	15.13	AV	204.00	200	Horizontal	Pass
3	5259.250	105.47	--	--	Peak	113.00	200	Horizontal	N/A
3**	5259.250	98.48	--	--	AV	113.00	200	Horizontal	N/A
4	7489.250	54.90	74.0	19.10	Peak	0.00	300	Horizontal	Pass
4**	7489.250	46.54	54.0	7.46	AV	0.00	300	Horizontal	Pass
5	12393.037	52.77	74.0	21.23	Peak	277.00	150	Horizontal	Pass
5**	12393.037	43.22	54.0	10.78	AV	277.00	150	Horizontal	Pass
6	15930.188	53.50	74.0	20.50	Peak	321.00	300	Horizontal	Pass
6**	15930.188	43.22	54.0	10.78	AV	321.00	300	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

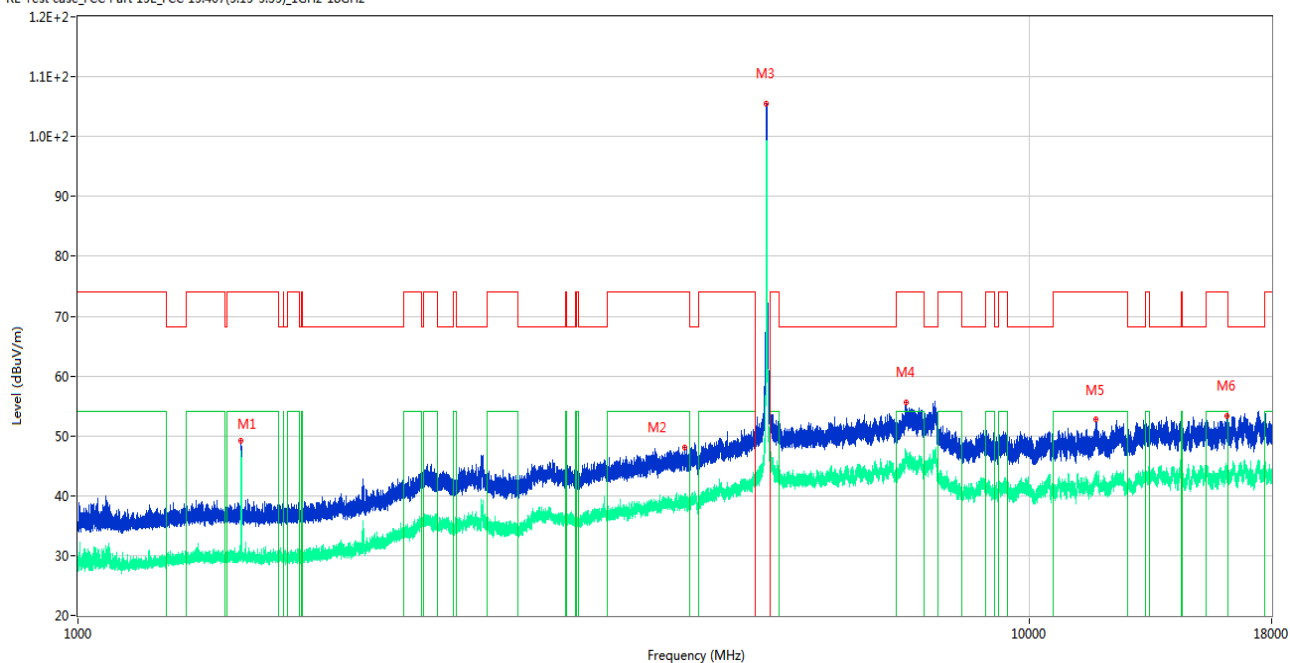
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	49.78	74.0	24.22	Peak	309.00	300	Vertical	Pass
1**	1484.800	47.60	54.0	6.40	AV	309.00	300	Vertical	Pass
2	4353.500	48.60	74.0	25.40	Peak	162.00	300	Vertical	Pass
2**	4353.500	39.38	54.0	14.62	AV	162.00	300	Vertical	Pass
3	5257.250	103.11	--	--	Peak	91.00	150	Vertical	N/A
3**	5257.250	94.84	--	--	AV	91.00	150	Vertical	N/A
4	7432.250	55.23	74.0	18.77	Peak	46.00	100	Vertical	Pass
4**	7432.250	46.13	54.0	7.87	AV	46.00	100	Vertical	Pass
5	12357.650	52.27	74.0	21.73	Peak	356.00	100	Vertical	Pass
5**	12357.650	42.77	54.0	11.23	AV	356.00	100	Vertical	Pass
6	16140.450	53.42	74.0	20.58	Peak	115.00	400	Vertical	Pass
6**	16140.450	44.65	54.0	9.35	AV	115.00	400	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

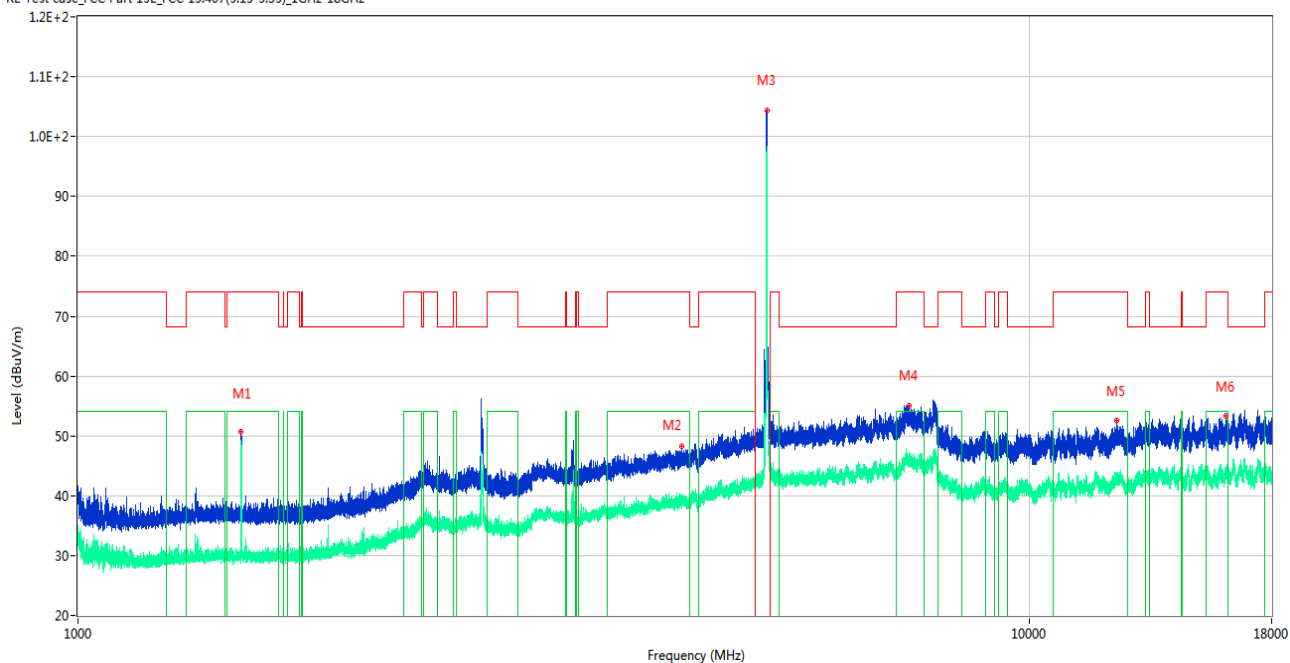
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	49.21	74.0	24.79	Peak	77.00	100	Horizontal	Pass
1**	1484.800	46.99	54.0	7.01	AV	77.00	100	Horizontal	Pass
2	4342.500	48.04	74.0	25.96	Peak	250.00	400	Horizontal	Pass
2**	4342.500	38.95	54.0	15.05	AV	250.00	400	Horizontal	Pass
3	5299.250	105.59	--	--	Peak	90.00	200	Horizontal	N/A
3**	5299.250	99.22	--	--	AV	90.00	200	Horizontal	N/A
4	7420.750	55.66	74.0	18.34	Peak	204.00	400	Horizontal	Pass
4**	7420.750	46.14	54.0	7.86	AV	204.00	400	Horizontal	Pass
5	11753.687	52.69	74.0	21.31	Peak	174.00	150	Horizontal	Pass
5**	11753.687	43.06	54.0	10.94	AV	174.00	150	Horizontal	Pass
6	16157.513	53.41	74.0	20.59	Peak	23.00	200	Horizontal	Pass
6**	16157.513	43.18	54.0	10.82	AV	23.00	200	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

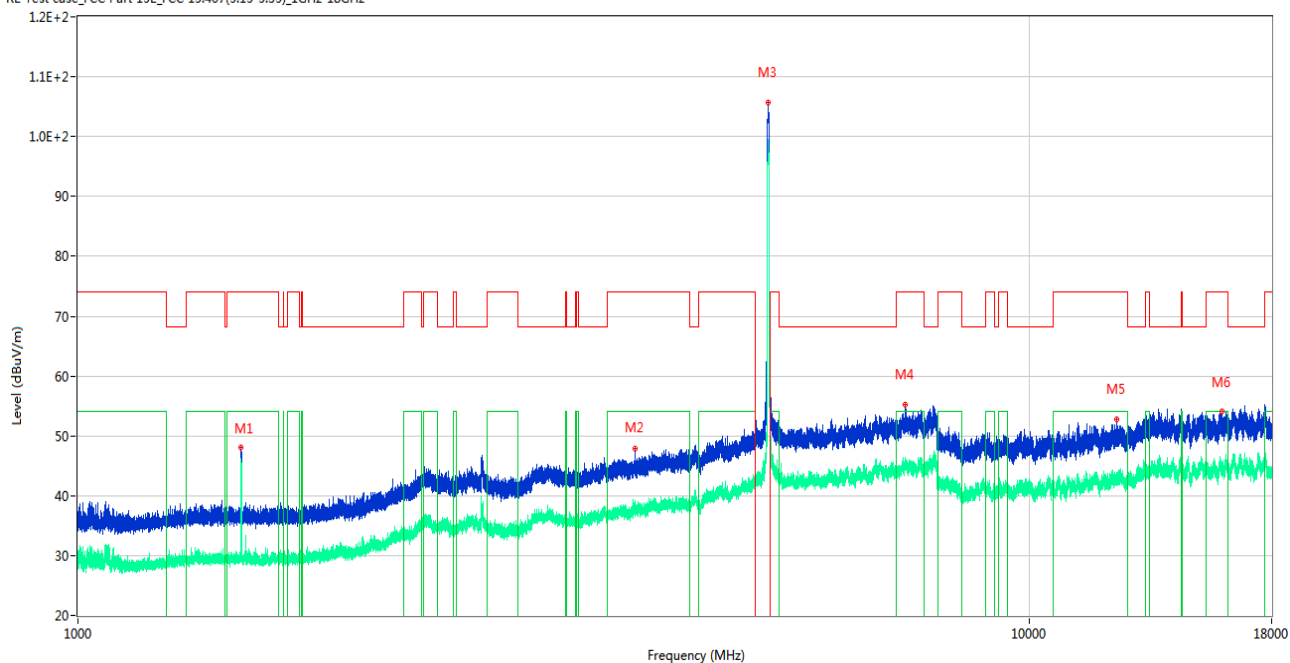
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	50.62	74.0	23.38	Peak	37.00	300	Vertical	Pass
1**	1484.900	48.85	54.0	5.15	AV	37.00	300	Vertical	Pass
2	4311.500	48.29	74.0	25.71	Peak	360.00	200	Vertical	Pass
2**	4311.500	38.89	54.0	15.11	AV	360.00	200	Vertical	Pass
3	5301.250	104.40	--	--	Peak	93.00	200	Vertical	N/A
3**	5301.250	96.72	--	--	AV	93.00	200	Vertical	N/A
4	7488.250	55.12	74.0	18.88	Peak	161.00	100	Vertical	Pass
4**	7488.250	46.29	54.0	7.71	AV	161.00	100	Vertical	Pass
5	12358.362	52.51	74.0	21.49	Peak	348.00	200	Vertical	Pass
5**	12358.362	42.82	54.0	11.18	AV	348.00	200	Vertical	Pass
6	16124.438	53.28	74.0	20.72	Peak	137.00	300	Vertical	Pass
6**	16124.438	43.67	54.0	10.33	AV	137.00	300	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

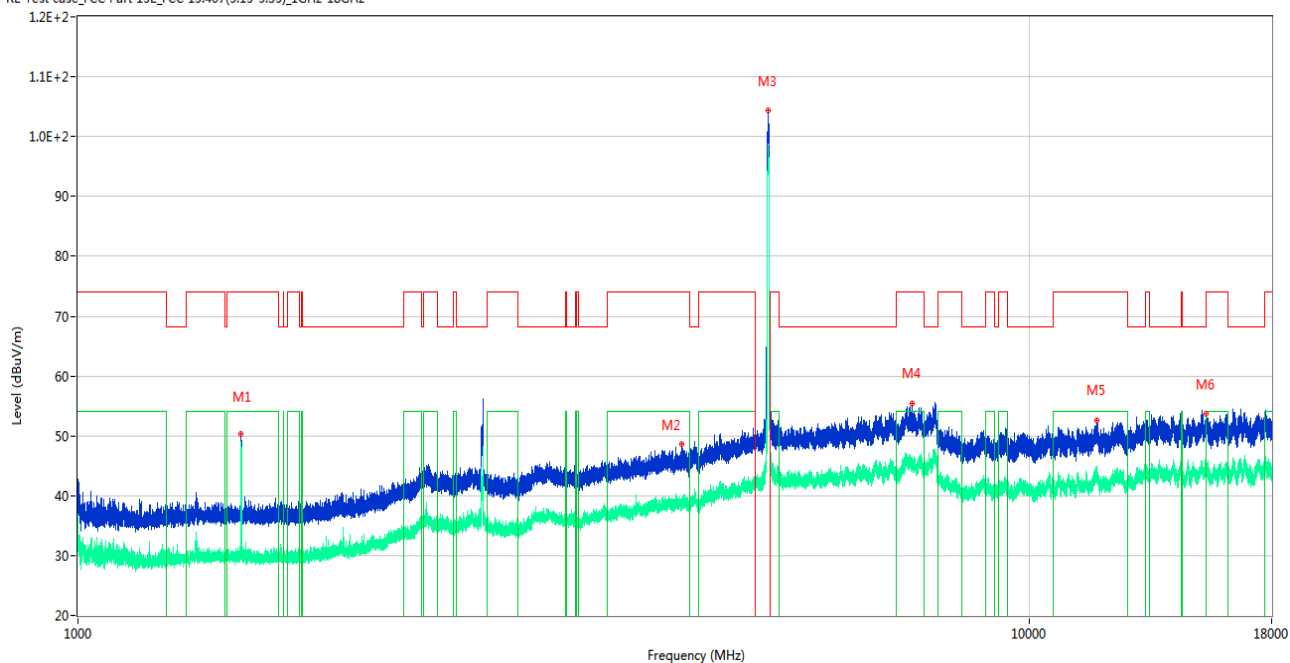
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	48.01	74.0	25.99	Peak	15.00	300	Horizontal	Pass
1**	1484.900	46.22	54.0	7.78	AV	15.00	300	Horizontal	Pass
2	3855.000	47.89	74.0	26.11	Peak	360.00	200	Horizontal	Pass
2**	3855.000	37.53	54.0	16.47	AV	360.00	200	Horizontal	Pass
3	5318.750	105.73	--	--	Peak	114.00	200	Horizontal	N/A
3**	5318.750	98.54	--	--	AV	114.00	200	Horizontal	N/A
4	7419.500	55.27	74.0	18.73	Peak	46.00	400	Horizontal	Pass
4**	7419.500	45.93	54.0	8.07	AV	46.00	400	Horizontal	Pass
5	12360.738	52.76	74.0	21.24	Peak	239.00	150	Horizontal	Pass
5**	12360.738	41.99	54.0	12.01	AV	239.00	150	Horizontal	Pass
6	15963.000	54.00	74.0	20.00	Peak	15.00	100	Horizontal	Pass
6**	15963.000	43.74	54.0	10.26	AV	15.00	100	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

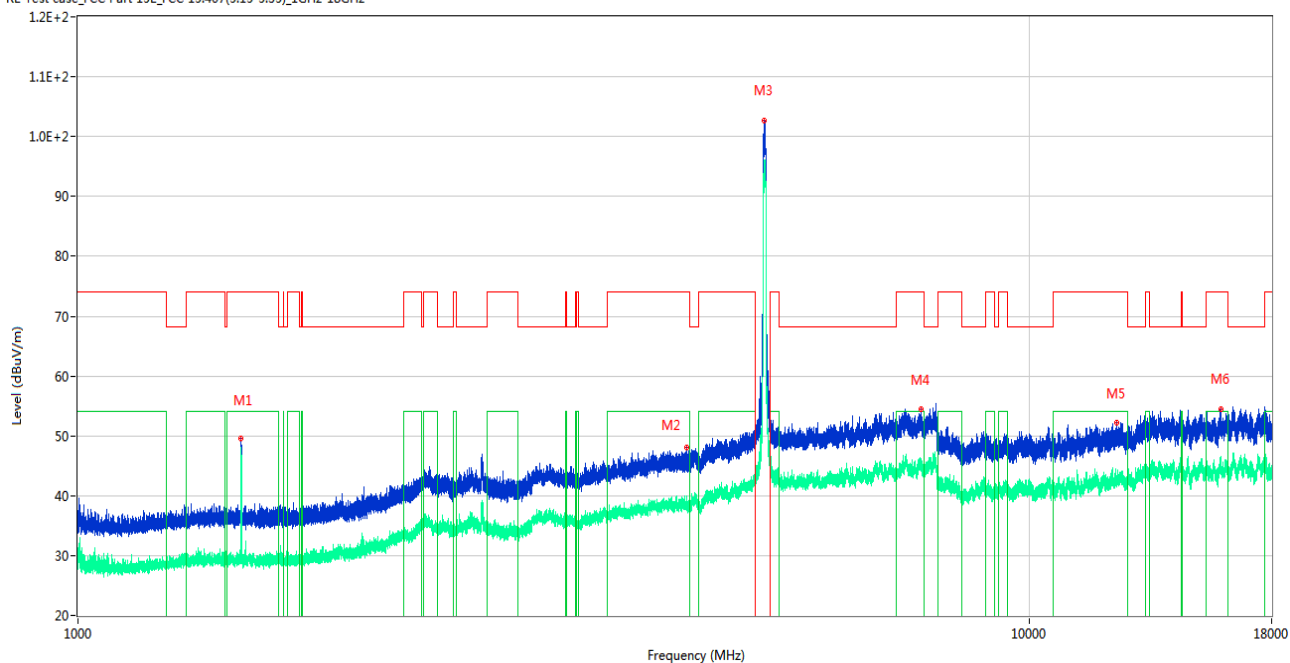
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	50.33	74.0	23.67	Peak	80.00	400	Vertical	Pass
1**	1484.900	48.87	54.0	5.13	AV	80.00	400	Vertical	Pass
2	4313.750	48.63	74.0	25.37	Peak	226.00	200	Vertical	Pass
2**	4313.750	38.18	54.0	15.82	AV	226.00	200	Vertical	Pass
3	5323.250	104.33	--	--	Peak	88.00	150	Vertical	N/A
3**	5323.250	96.66	--	--	AV	88.00	150	Vertical	N/A
4	7540.500	55.44	74.0	18.56	Peak	134.00	400	Vertical	Pass
4**	7540.500	44.85	54.0	9.15	AV	134.00	400	Vertical	Pass
5	11790.262	52.64	74.0	21.36	Peak	353.00	150	Vertical	Pass
5**	11790.262	43.51	54.0	10.49	AV	353.00	150	Vertical	Pass
6	15366.075	53.69	74.0	20.31	Peak	360.00	400	Vertical	Pass
6**	15366.075	44.44	54.0	9.56	AV	360.00	400	Vertical	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

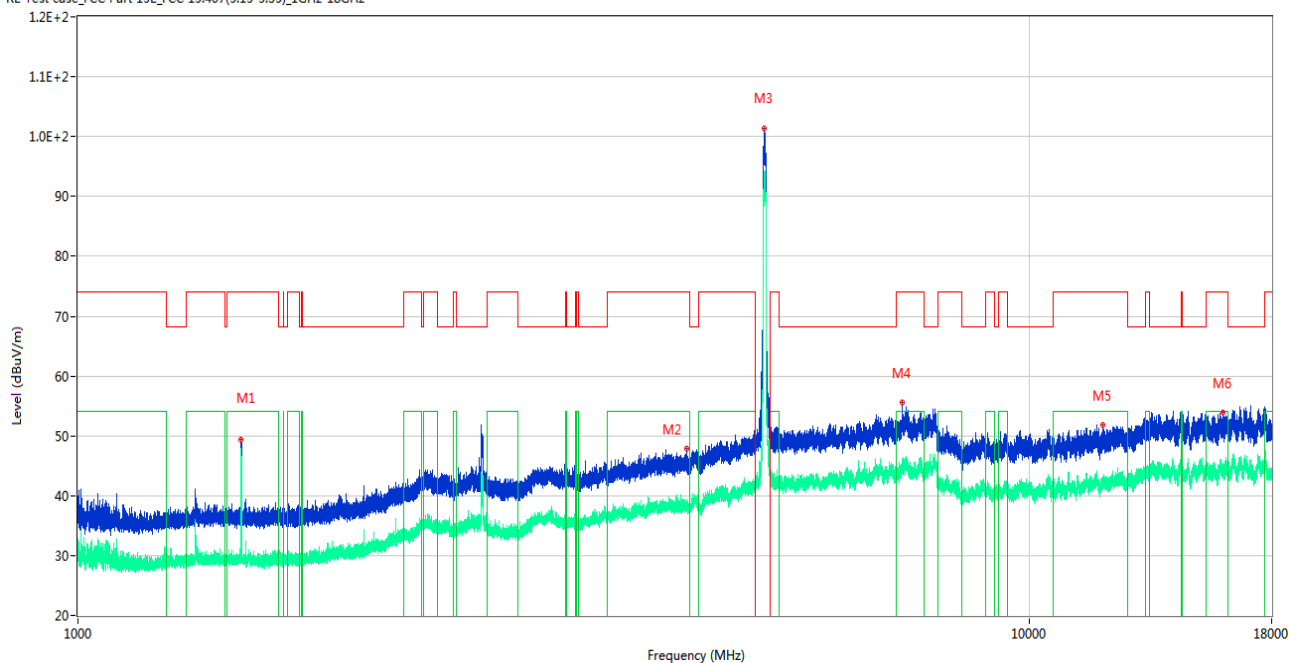
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	49.48	74.0	24.52	Peak	279.00	100	Horizontal	Pass
1**	1484.700	47.06	54.0	6.94	AV	279.00	100	Horizontal	Pass
2	4365.500	48.12	74.0	25.88	Peak	91.00	100	Horizontal	Pass
2**	4365.500	38.08	54.0	15.92	AV	91.00	100	Horizontal	Pass
3	5272.000	102.68	--	--	Peak	91.00	200	Horizontal	N/A
3**	5272.000	95.75	--	--	AV	91.00	200	Horizontal	N/A
4	7710.750	54.45	74.0	19.55	Peak	229.00	100	Horizontal	Pass
4**	7710.750	45.22	54.0	8.78	AV	229.00	100	Horizontal	Pass
5	12376.175	52.16	74.0	21.84	Peak	224.00	100	Horizontal	Pass
5**	12376.175	42.21	54.0	11.79	AV	224.00	100	Horizontal	Pass
6	15904.725	54.50	74.0	19.50	Peak	313.00	100	Horizontal	Pass
6**	15904.725	44.97	54.0	9.03	AV	313.00	100	Horizontal	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

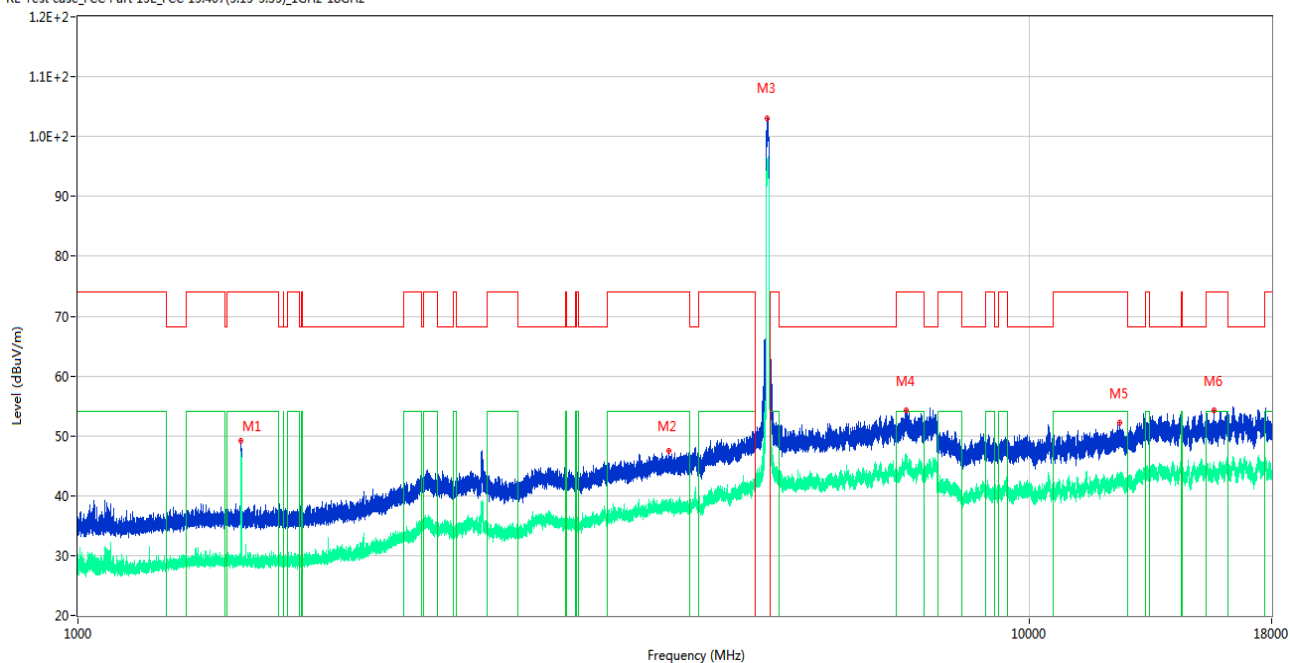
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	49.35	74.0	24.65	Peak	234.00	300	Vertical	Pass
1**	1484.700	47.04	54.0	6.96	AV	234.00	300	Vertical	Pass
2	4365.500	47.86	74.0	26.14	Peak	228.00	300	Vertical	Pass
2**	4365.500	38.68	54.0	15.32	AV	228.00	300	Vertical	Pass
3	5273.000	101.36	--	--	Peak	91.00	150	Vertical	N/A
3**	5273.000	93.23	--	--	AV	91.00	150	Vertical	N/A
4	7365.000	55.52	74.0	18.48	Peak	296.00	300	Vertical	Pass
4**	7365.000	46.14	54.0	7.86	AV	296.00	300	Vertical	Pass
5	11949.388	51.75	74.0	22.25	Peak	296.00	100	Vertical	Pass
5**	11949.388	42.04	54.0	11.96	AV	296.00	100	Vertical	Pass
6	15998.963	53.85	74.0	20.15	Peak	360.00	400	Vertical	Pass
6**	15998.963	44.27	54.0	9.73	AV	360.00	400	Vertical	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

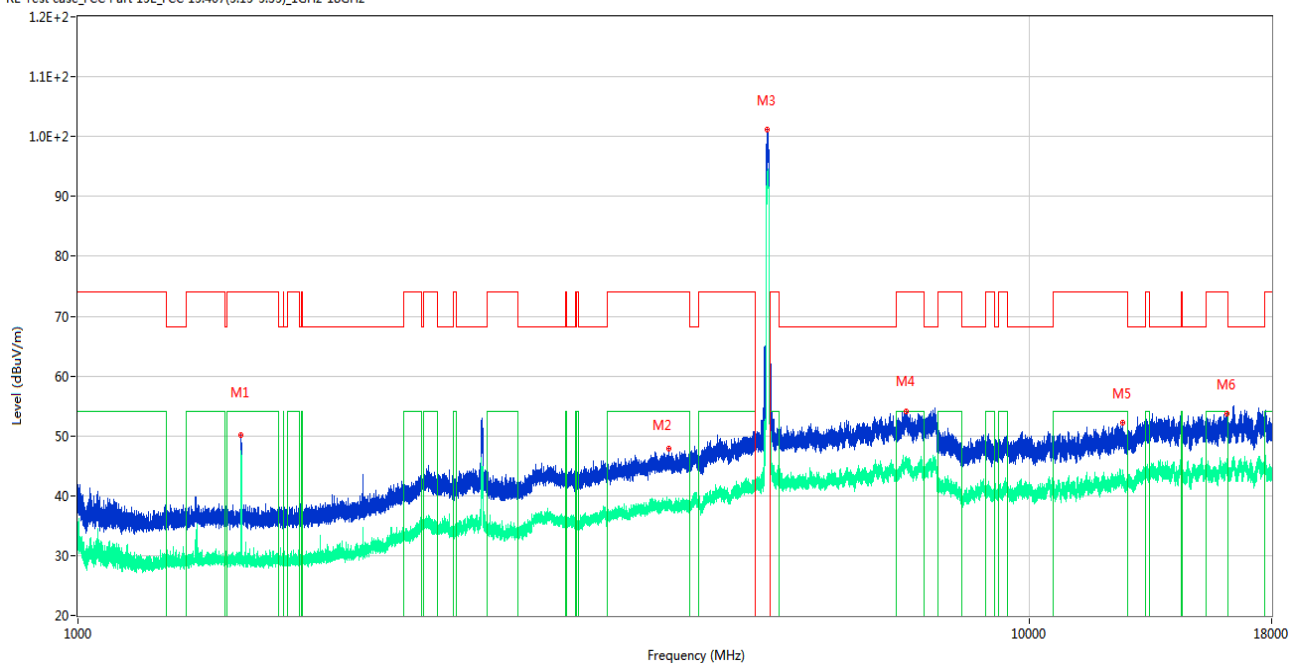
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.100	49.16	74.0	24.84	Peak	79.00	200	Horizontal	Pass
1**	1485.100	46.96	54.0	7.04	AV	79.00	200	Horizontal	Pass
2	4181.750	47.53	74.0	26.47	Peak	0.00	300	Horizontal	Pass
2**	4181.750	37.53	54.0	16.47	AV	0.00	300	Horizontal	Pass
3	5306.250	103.08	--	--	Peak	108.00	200	Horizontal	N/A
3**	5306.250	95.71	--	--	AV	108.00	200	Horizontal	N/A
4	7427.250	54.24	74.0	19.76	Peak	296.00	200	Horizontal	Pass
4**	7427.250	45.94	54.0	8.06	AV	296.00	200	Horizontal	Pass
5	12461.674	52.13	74.0	21.87	Peak	0.00	200	Horizontal	Pass
5**	12461.674	41.84	54.0	12.16	AV	0.00	200	Horizontal	Pass
6	15659.550	54.20	74.0	19.80	Peak	172.00	300	Horizontal	Pass
6**	15659.550	45.31	54.0	8.69	AV	172.00	300	Horizontal	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

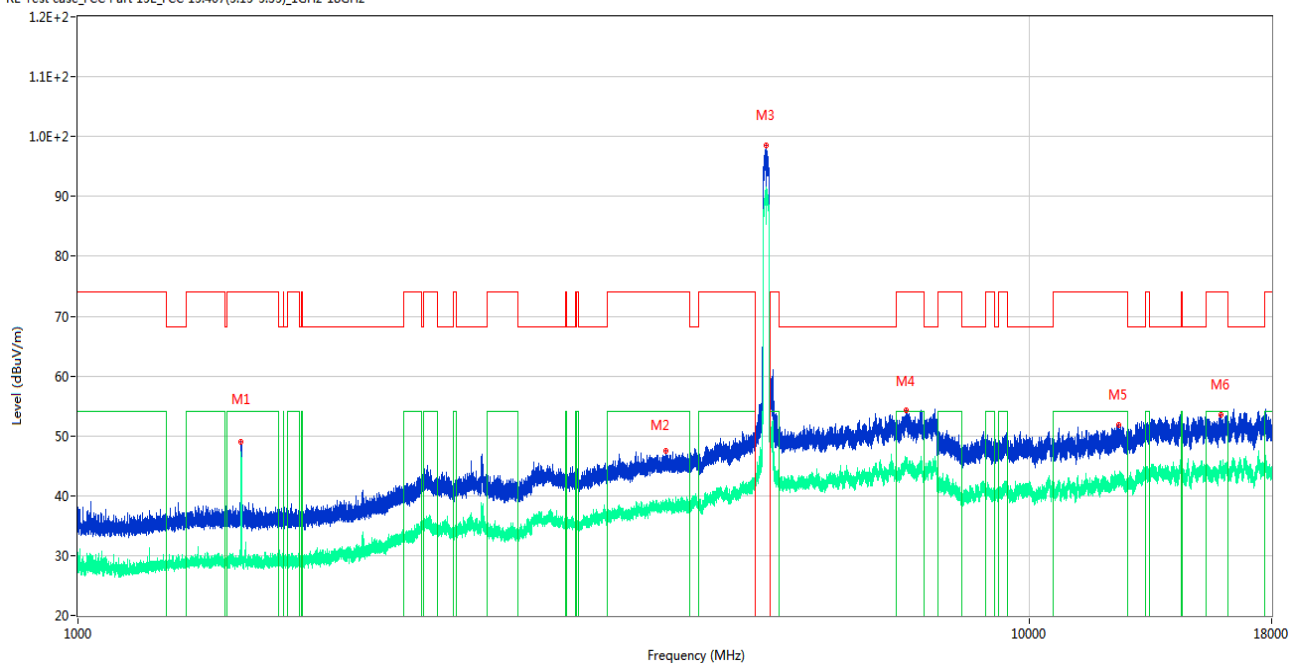
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	50.16	74.0	23.84	Peak	326.00	400	Vertical	Pass
1**	1484.800	47.38	54.0	6.62	AV	326.00	400	Vertical	Pass
2	4181.500	47.96	74.0	26.04	Peak	360.00	200	Vertical	Pass
2**	4181.500	38.81	54.0	15.19	AV	360.00	200	Vertical	Pass
3	5306.500	101.12	--	--	Peak	91.00	200	Vertical	N/A
3**	5306.500	93.73	--	--	AV	91.00	200	Vertical	N/A
4	7422.000	54.08	74.0	19.92	Peak	183.00	300	Vertical	Pass
4**	7422.000	45.64	54.0	8.36	AV	183.00	300	Vertical	Pass
5	12543.375	52.18	74.0	21.82	Peak	13.00	150	Vertical	Pass
5**	12543.375	42.06	54.0	11.94	AV	13.00	150	Vertical	Pass
6	16142.812	53.65	74.0	20.35	Peak	22.00	400	Vertical	Pass
6**	16142.812	44.84	54.0	9.16	AV	22.00	400	Vertical	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

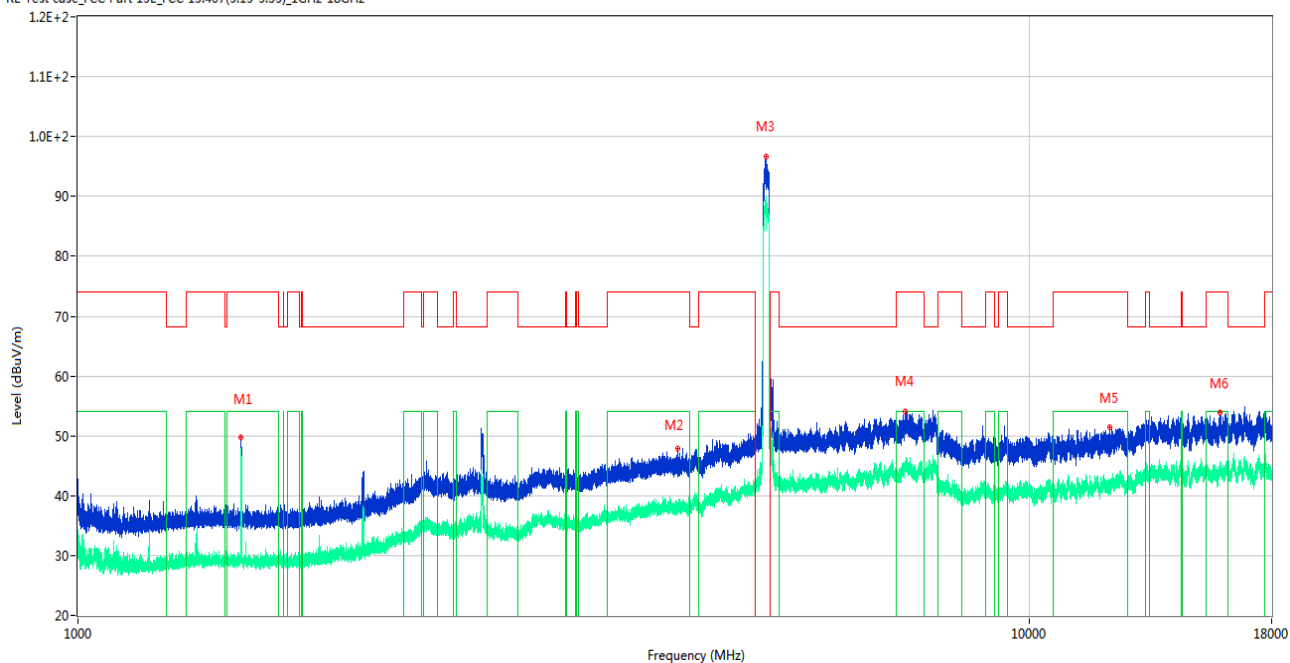
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	48.93	74.0	25.07	Peak	249.00	300	Horizontal	Pass
1**	1484.900	47.25	54.0	6.75	AV	249.00	300	Horizontal	Pass
2	4150.750	47.47	74.0	26.53	Peak	64.00	100	Horizontal	Pass
2**	4150.750	38.69	54.0	15.31	AV	64.00	100	Horizontal	Pass
3	5291.750	98.52	--	--	Peak	112.00	100	Horizontal	N/A
3**	5291.750	90.91	--	--	AV	112.00	100	Horizontal	N/A
4	7425.250	54.24	74.0	19.76	Peak	360.00	200	Horizontal	Pass
4**	7425.250	46.03	54.0	7.97	AV	360.00	200	Horizontal	Pass
5	12415.600	51.89	74.0	22.11	Peak	46.00	100	Horizontal	Pass
5**	12415.600	41.98	54.0	12.02	AV	46.00	100	Horizontal	Pass
6	15919.950	53.53	74.0	20.47	Peak	34.00	400	Horizontal	Pass
6**	15919.950	44.49	54.0	9.51	AV	34.00	400	Horizontal	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

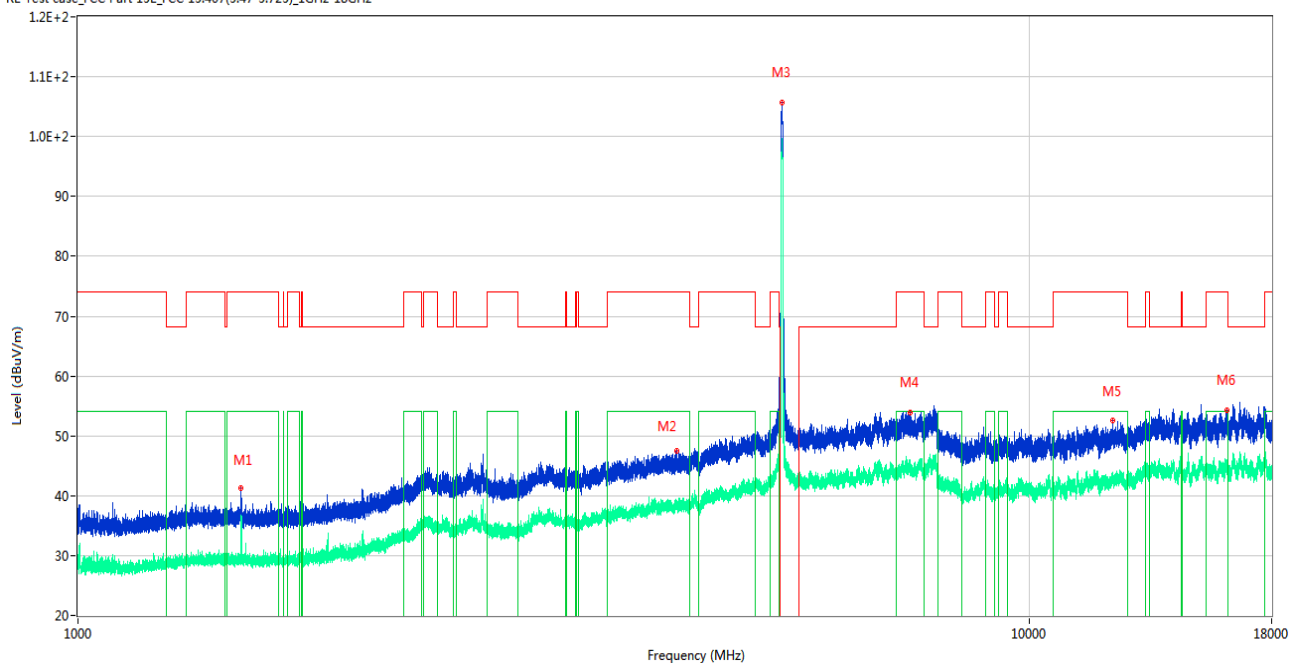
RE Test case_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.500	49.79	74.0	24.21	Peak	16.00	300	Vertical	Pass
1**	1484.500	44.98	54.0	9.02	AV	16.00	300	Vertical	Pass
2	4274.750	47.92	74.0	26.08	Peak	273.00	100	Vertical	Pass
2**	4274.750	37.39	54.0	16.61	AV	273.00	100	Vertical	Pass
3	5296.000	96.70	--	--	Peak	90.00	100	Vertical	N/A
3**	5296.000	88.48	--	--	AV	90.00	100	Vertical	N/A
4	7410.750	54.08	74.0	19.92	Peak	342.00	200	Vertical	Pass
4**	7410.750	44.69	54.0	9.31	AV	342.00	200	Vertical	Pass
5	12154.350	51.37	74.0	22.63	Peak	342.00	200	Vertical	Pass
5**	12154.350	41.30	54.0	12.70	AV	342.00	200	Vertical	Pass
6	15894.225	53.88	74.0	20.12	Peak	0.00	200	Vertical	Pass
6**	15894.225	44.88	54.0	9.12	AV	0.00	200	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

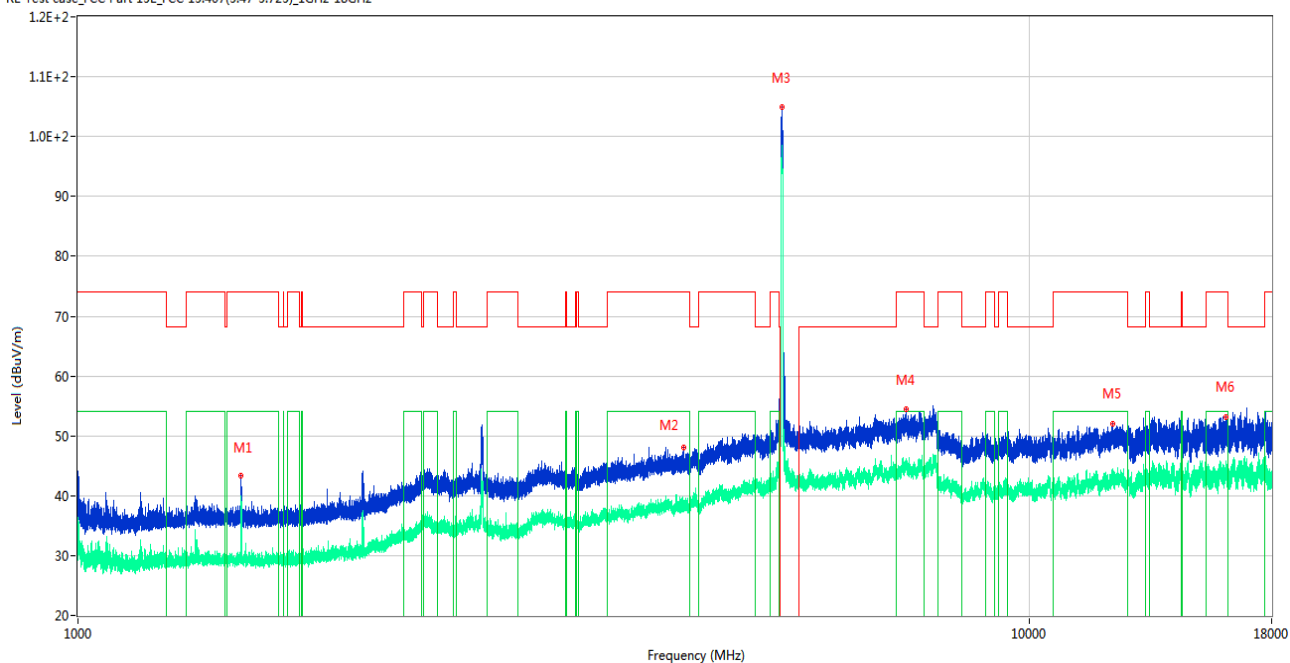
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	41.27	74.0	32.73	Peak	221.00	200	Horizontal	Pass
1**	1484.600	35.69	54.0	18.31	AV	221.00	200	Horizontal	Pass
2	4259.000	47.49	74.0	26.51	Peak	108.00	400	Horizontal	Pass
2**	4259.000	38.76	54.0	15.24	AV	108.00	400	Horizontal	Pass
3	5498.250	105.77	--	--	Peak	108.00	100	Horizontal	N/A
3**	5498.250	98.91	--	--	AV	108.00	100	Horizontal	N/A
4	7499.500	53.99	74.0	20.01	Peak	173.00	100	Horizontal	Pass
4**	7499.500	44.64	54.0	9.36	AV	173.00	100	Horizontal	Pass
5	12251.725	52.55	74.0	21.45	Peak	21.00	150	Horizontal	Pass
5**	12251.725	43.06	54.0	10.94	AV	21.00	150	Horizontal	Pass
6	16159.875	54.33	74.0	19.67	Peak	106.00	400	Horizontal	Pass
6**	16159.875	44.13	54.0	9.87	AV	106.00	400	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

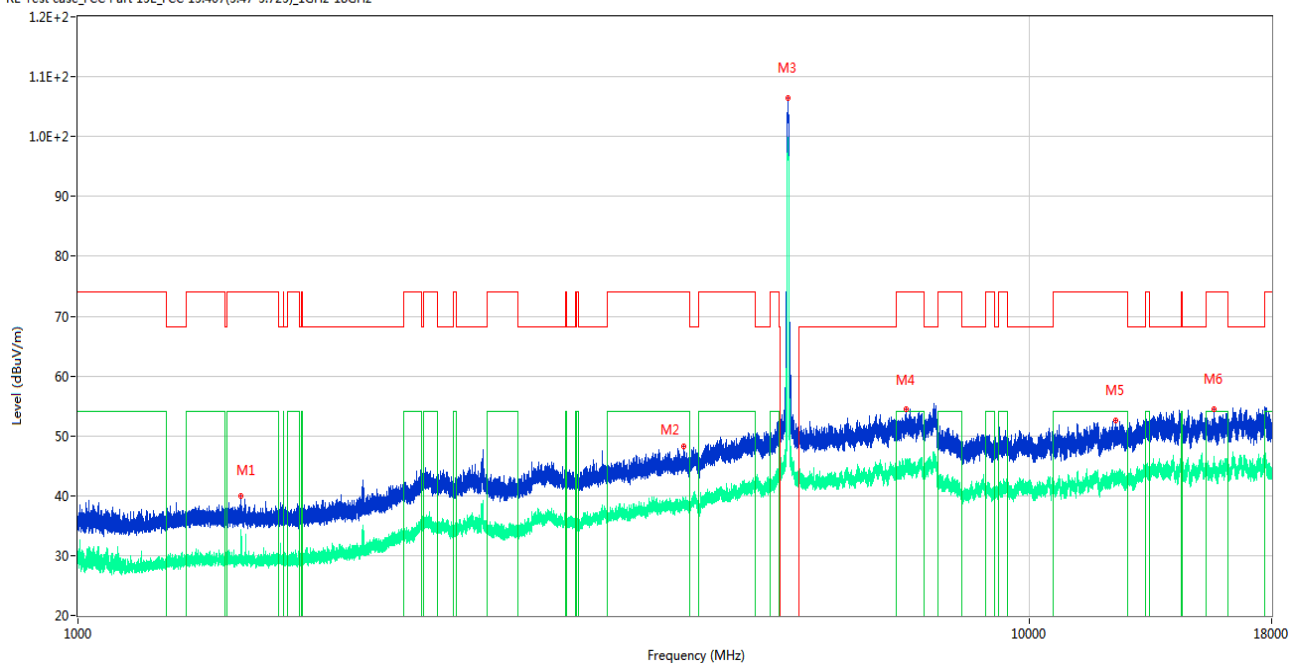
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	43.38	74.0	30.62	Peak	360.00	300	Vertical	Pass
1**	1484.600	38.54	54.0	15.46	AV	360.00	300	Vertical	Pass
2	4334.000	48.06	74.0	25.94	Peak	208.00	300	Vertical	Pass
2**	4334.000	38.89	54.0	15.11	AV	208.00	300	Vertical	Pass
3	5499.000	104.86	--	--	Peak	73.00	100	Vertical	N/A
3**	5499.000	98.58	--	--	AV	73.00	100	Vertical	N/A
4	7430.250	54.43	74.0	19.57	Peak	95.00	300	Vertical	Pass
4**	7430.250	45.13	54.0	8.87	AV	95.00	300	Vertical	Pass
5	12243.888	52.09	74.0	21.91	Peak	38.00	150	Vertical	Pass
5**	12243.888	43.20	54.0	10.80	AV	38.00	150	Vertical	Pass
6	16097.138	53.23	74.0	20.77	Peak	360.00	300	Vertical	Pass
6**	16097.138	44.26	54.0	9.74	AV	360.00	300	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

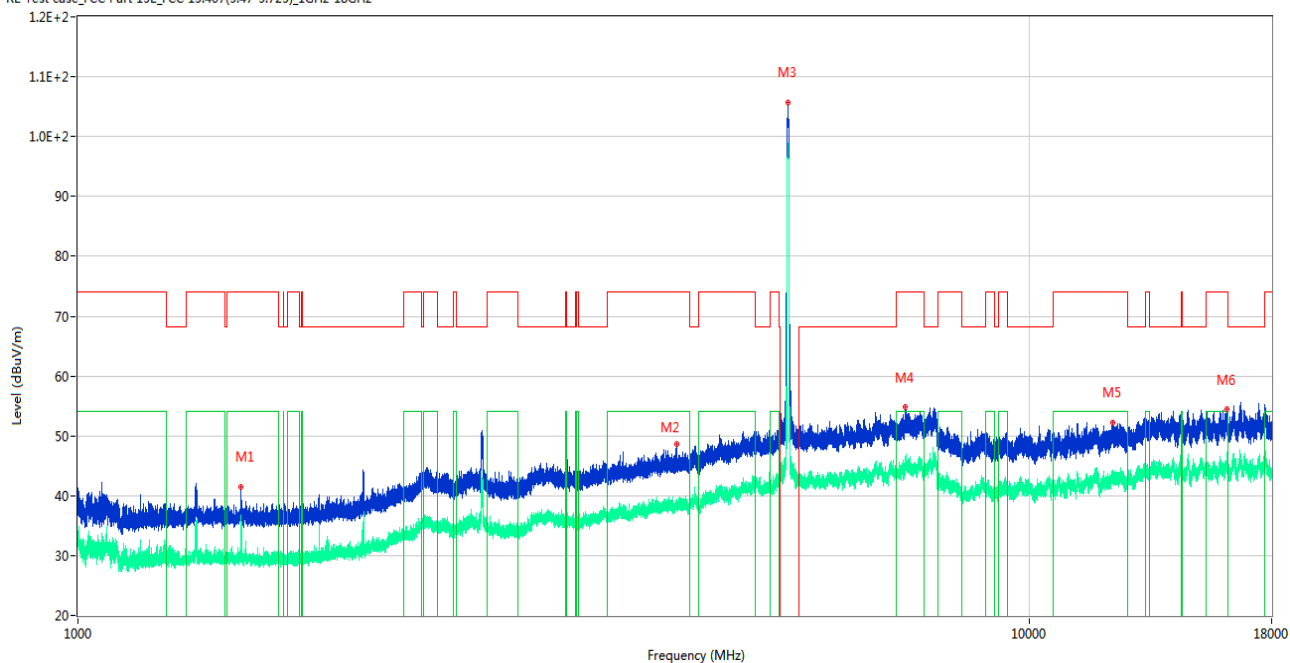
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	39.93	74.0	34.07	Peak	279.00	400	Horizontal	Pass
1**	1484.700	33.27	54.0	20.73	AV	279.00	400	Horizontal	Pass
2	4336.750	48.18	74.0	25.82	Peak	157.00	300	Horizontal	Pass
2**	4336.750	38.24	54.0	15.76	AV	157.00	300	Horizontal	Pass
3	5578.750	106.48	--	--	Peak	111.00	100	Horizontal	N/A
3**	5578.750	99.13	--	--	AV	111.00	100	Horizontal	N/A
4	7433.000	54.43	74.0	19.57	Peak	248.00	100	Horizontal	Pass
4**	7433.000	44.23	54.0	9.77	AV	248.00	100	Horizontal	Pass
5	12338.413	52.58	74.0	21.42	Peak	360.00	150	Horizontal	Pass
5**	12338.413	43.04	54.0	10.96	AV	360.00	150	Horizontal	Pass
6	15661.650	54.47	74.0	19.53	Peak	360.00	400	Horizontal	Pass
6**	15661.650	44.48	54.0	9.52	AV	360.00	400	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

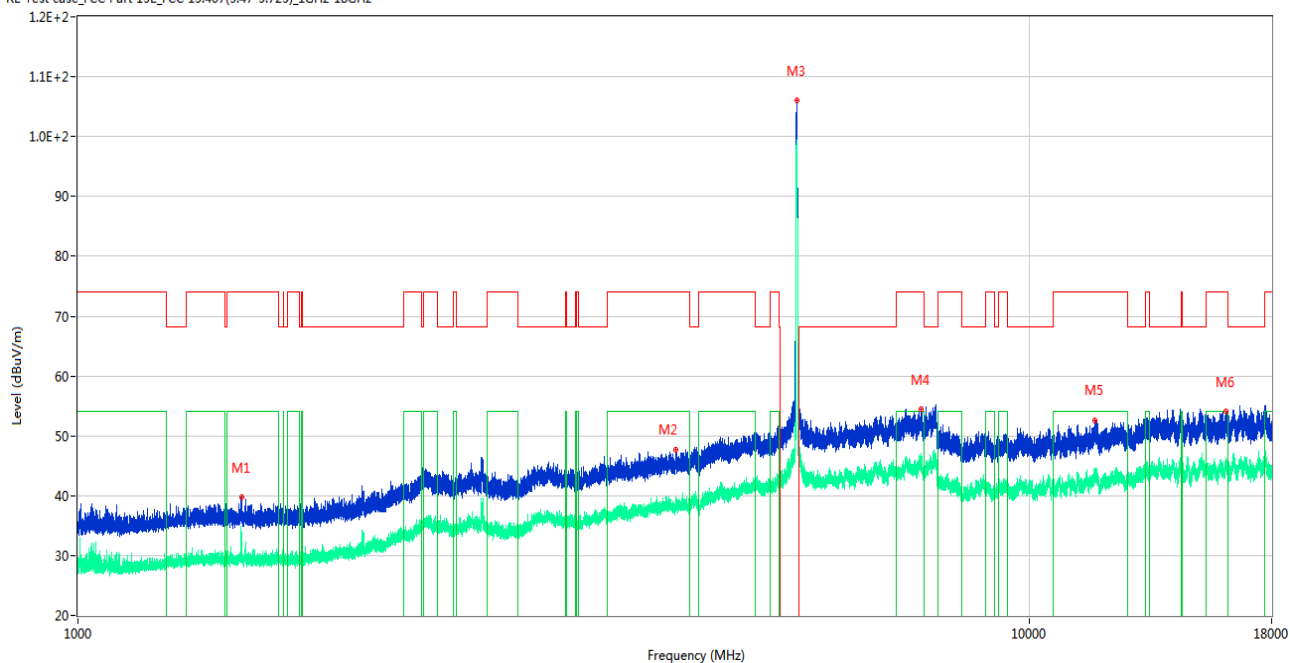
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.400	41.47	74.0	32.53	Peak	317.00	300	Vertical	Pass
1**	1484.400	32.74	54.0	21.26	AV	317.00	300	Vertical	Pass
2	4259.750	48.53	74.0	25.47	Peak	86.00	200	Vertical	Pass
2**	4259.750	38.34	54.0	15.66	AV	86.00	200	Vertical	Pass
3	5581.250	105.77	--	--	Peak	132.00	150	Vertical	N/A
3**	5581.250	98.72	--	--	AV	132.00	150	Vertical	N/A
4	7418.000	54.78	74.0	19.22	Peak	198.00	400	Vertical	Pass
4**	7418.000	45.56	54.0	8.44	AV	198.00	400	Vertical	Pass
5	12251.963	52.29	74.0	21.71	Peak	63.00	100	Vertical	Pass
5**	12251.963	43.00	54.0	11.00	AV	63.00	100	Vertical	Pass
6	16145.700	54.45	74.0	19.55	Peak	113.00	100	Vertical	Pass
6**	16145.700	44.64	54.0	9.36	AV	113.00	100	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

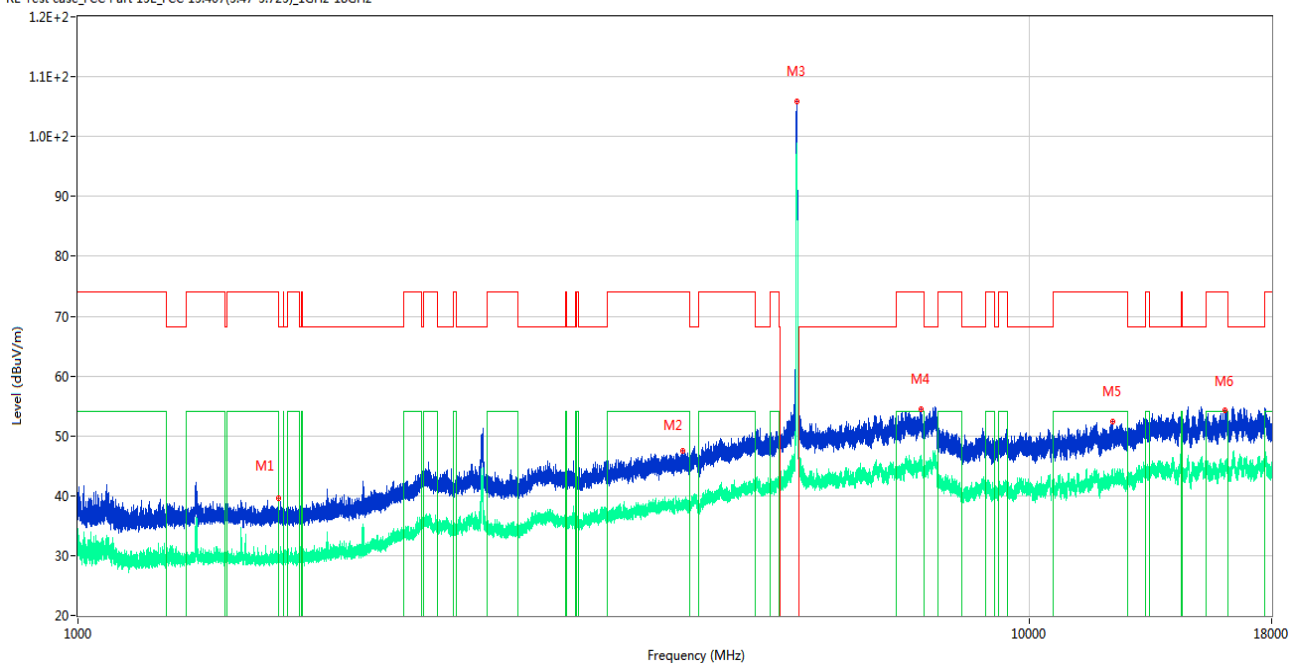
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.400	39.72	74.0	34.28	Peak	16.00	400	Horizontal	Pass
1**	1485.400	32.21	54.0	21.79	AV	16.00	400	Horizontal	Pass
2	4254.500	47.76	74.0	26.24	Peak	130.00	400	Horizontal	Pass
2**	4254.500	38.98	54.0	15.02	AV	130.00	400	Horizontal	Pass
3	5701.000	106.04	--	--	Peak	130.00	150	Horizontal	N/A
3**	5701.000	99.39	--	--	AV	130.00	150	Horizontal	N/A
4	7704.500	54.45	74.0	19.55	Peak	318.00	300	Horizontal	Pass
4**	7704.500	45.56	54.0	8.44	AV	318.00	300	Horizontal	Pass
5	11725.187	52.67	74.0	21.33	Peak	360.00	100	Horizontal	Pass
5**	11725.187	43.24	54.0	10.76	AV	360.00	100	Horizontal	Pass
6	16132.575	54.02	74.0	19.98	Peak	273.00	400	Horizontal	Pass
6**	16132.575	45.93	54.0	8.07	AV	273.00	400	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

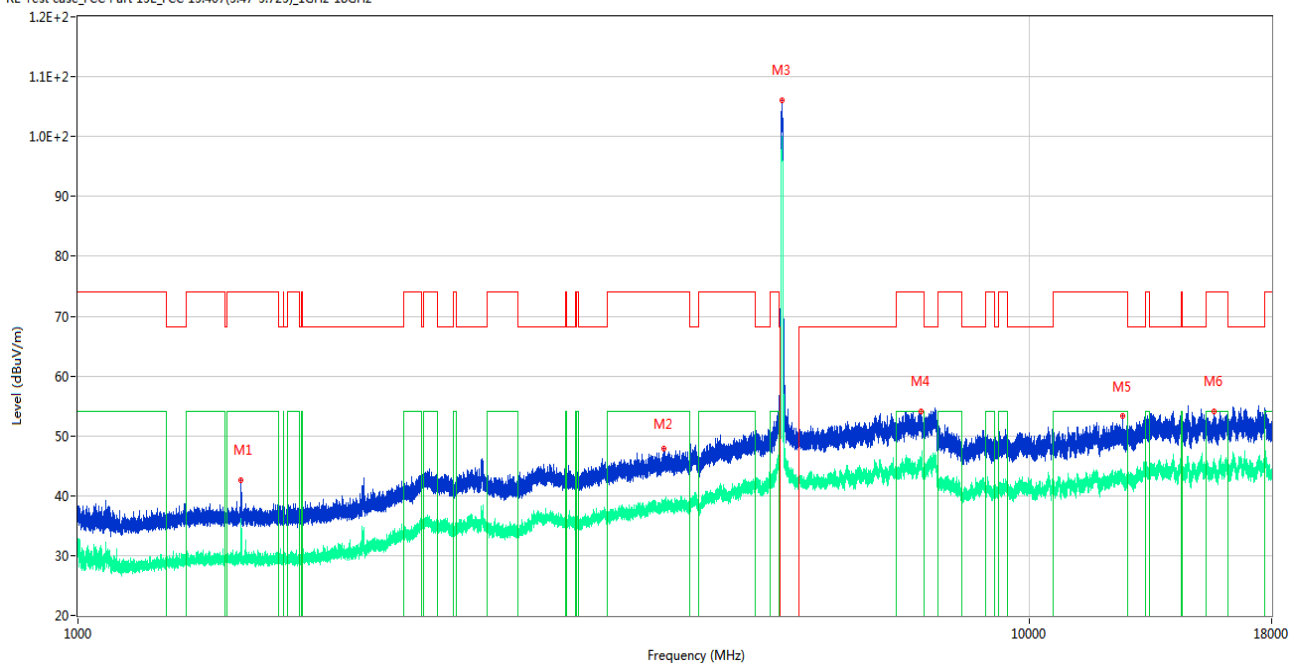
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.200	39.64	74.0	34.36	Peak	0.00	200	Vertical	Pass
1**	1625.200	32.32	54.0	21.68	AV	0.00	200	Vertical	Pass
2	4325.500	47.41	74.0	26.59	Peak	176.00	400	Vertical	Pass
2**	4325.500	38.51	54.0	15.49	AV	176.00	400	Vertical	Pass
3	5699.000	105.94	--	--	Peak	106.00	200	Vertical	N/A
3**	5699.000	98.56	--	--	AV	106.00	200	Vertical	N/A
4	7709.250	54.56	74.0	19.44	Peak	295.00	100	Vertical	Pass
4**	7709.250	45.15	54.0	8.85	AV	295.00	100	Vertical	Pass
5	12254.812	52.48	74.0	21.52	Peak	0.00	200	Vertical	Pass
5**	12254.812	42.89	54.0	11.11	AV	0.00	200	Vertical	Pass
6	16059.076	54.25	74.0	19.75	Peak	166.00	200	Vertical	Pass
6**	16059.076	44.87	54.0	9.13	AV	166.00	200	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

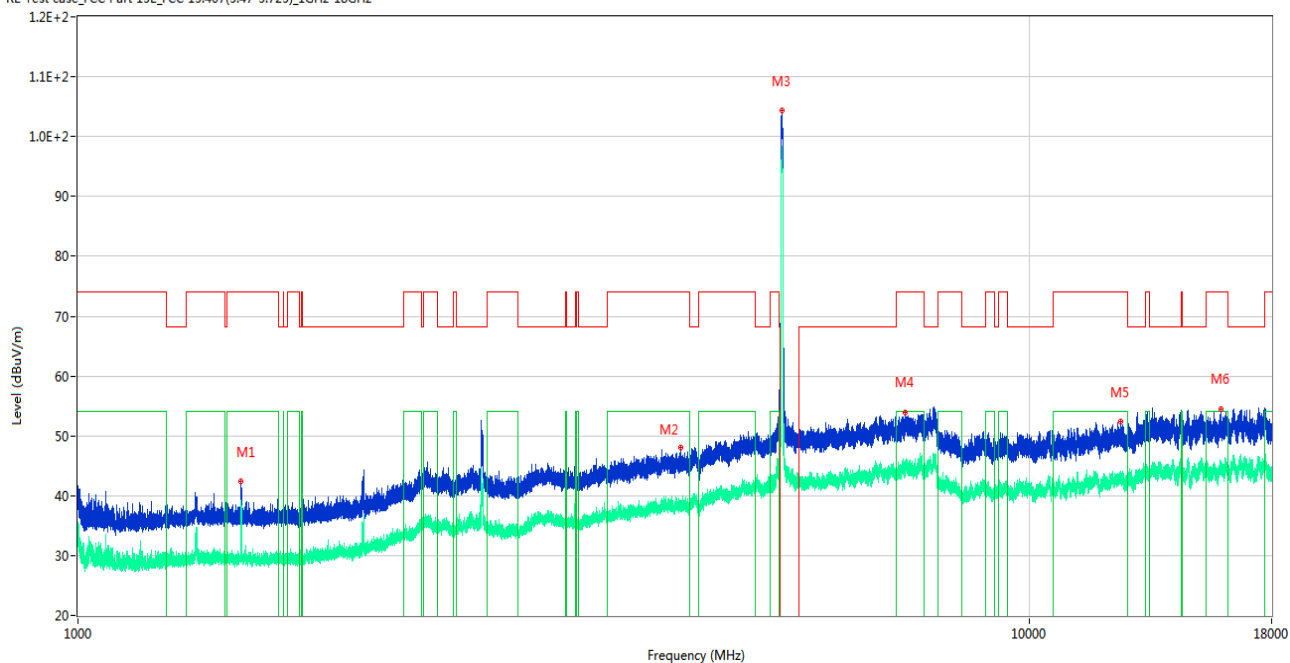
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.400	42.63	74.0	31.37	Peak	131.00	400	Horizontal	Pass
1**	1484.400	33.67	54.0	20.33	AV	131.00	400	Horizontal	Pass
2	4130.750	47.82	74.0	26.18	Peak	244.00	200	Horizontal	Pass
2**	4130.750	39.28	54.0	14.72	AV	244.00	200	Horizontal	Pass
3	5498.000	106.07	--	--	Peak	130.00	200	Horizontal	N/A
3**	5498.000	98.74	--	--	AV	130.00	200	Horizontal	N/A
4	7707.000	54.10	74.0	19.90	Peak	40.00	400	Horizontal	Pass
4**	7707.000	45.12	54.0	8.88	AV	40.00	400	Horizontal	Pass
5	12562.138	53.26	74.0	20.74	Peak	163.00	100	Horizontal	Pass
5**	12562.138	43.08	54.0	10.92	AV	163.00	100	Horizontal	Pass
6	15657.450	54.10	74.0	19.90	Peak	360.00	200	Horizontal	Pass
6**	15657.450	44.54	54.0	9.46	AV	360.00	200	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

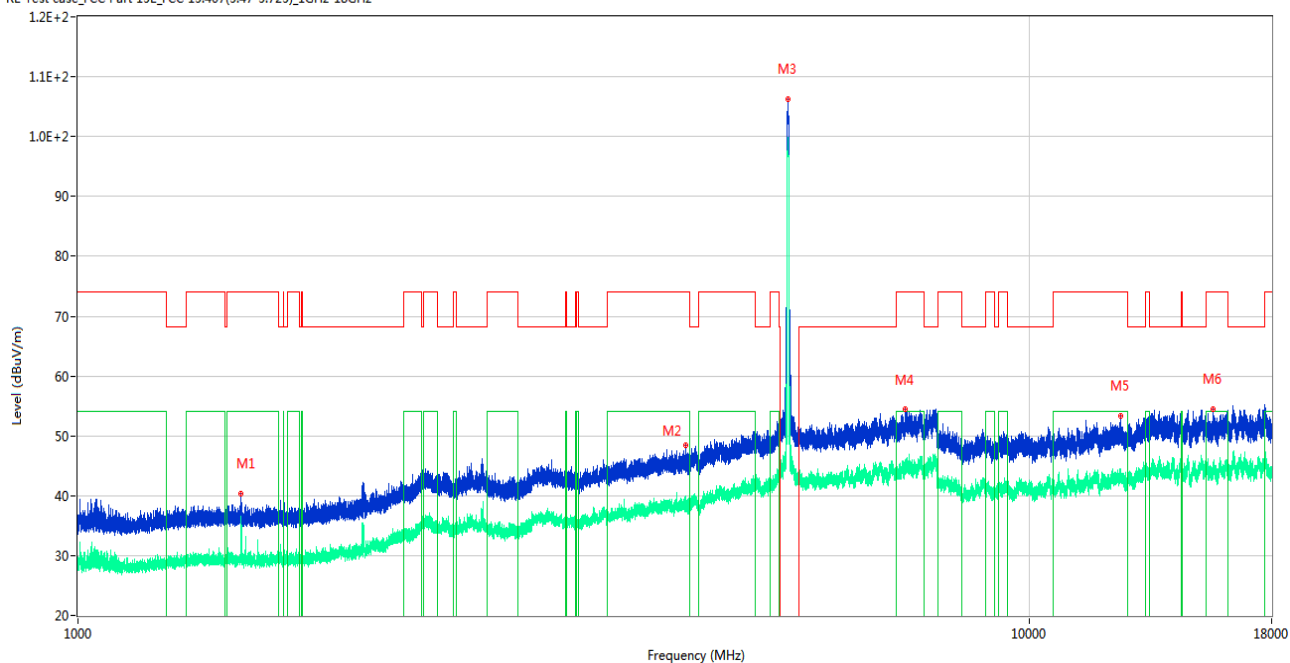
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	42.41	74.0	31.59	Peak	56.00	400	Vertical	Pass
1**	1484.700	38.43	54.0	15.57	AV	56.00	400	Vertical	Pass
2	4304.250	48.03	74.0	25.97	Peak	360.00	400	Vertical	Pass
2**	4304.250	38.27	54.0	15.73	AV	360.00	400	Vertical	Pass
3	5501.000	104.31	--	--	Peak	108.00	100	Vertical	N/A
3**	5501.000	97.86	--	--	AV	108.00	100	Vertical	N/A
4	7418.750	53.89	74.0	20.11	Peak	86.00	400	Vertical	Pass
4**	7418.750	45.78	54.0	8.22	AV	86.00	400	Vertical	Pass
5	12483.049	52.34	74.0	21.66	Peak	281.00	200	Vertical	Pass
5**	12483.049	42.56	54.0	11.44	AV	281.00	200	Vertical	Pass
6	15903.938	54.49	74.0	19.51	Peak	238.00	200	Vertical	Pass
6**	15903.938	44.42	54.0	9.58	AV	238.00	200	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

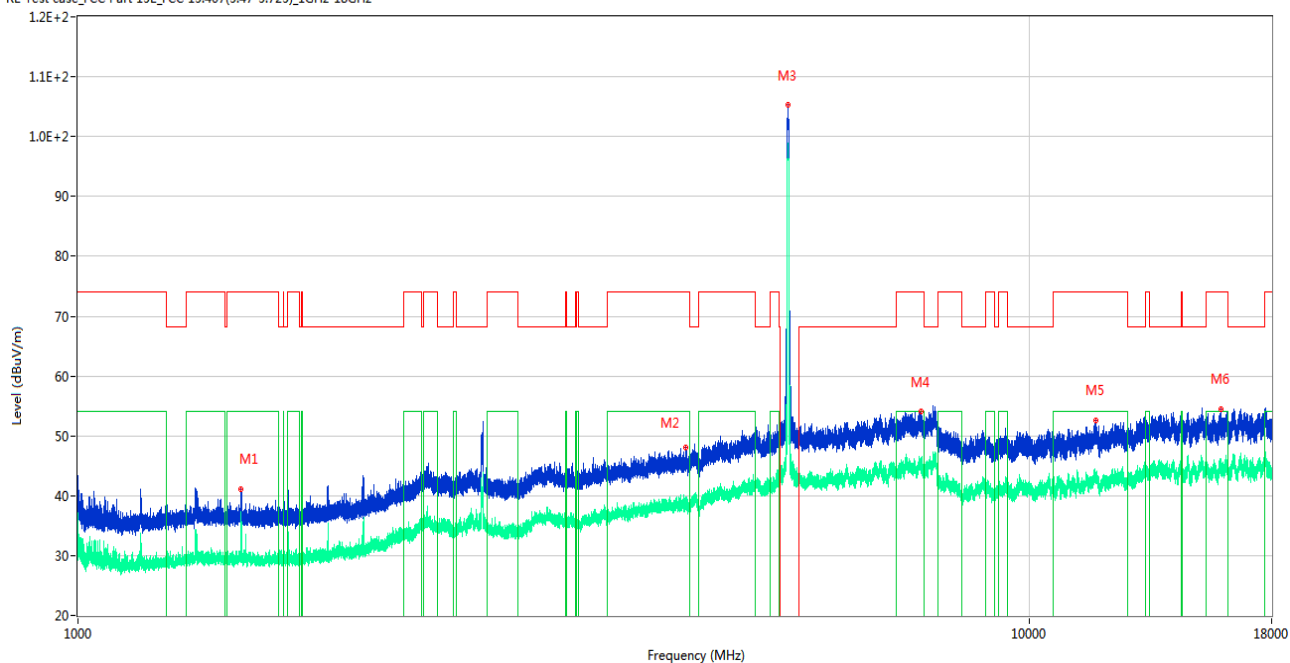
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	40.43	74.0	33.57	Peak	182.00	200	Horizontal	Pass
1**	1484.900	35.39	54.0	18.61	AV	182.00	200	Horizontal	Pass
2	4358.750	48.48	74.0	25.52	Peak	321.00	300	Horizontal	Pass
2**	4358.750	38.87	54.0	15.13	AV	321.00	300	Horizontal	Pass
3	5577.000	106.29	--	--	Peak	113.00	150	Horizontal	N/A
3**	5577.000	99.07	--	--	AV	113.00	150	Horizontal	N/A
4	7418.000	54.40	74.0	19.60	Peak	41.00	100	Horizontal	Pass
4**	7418.000	44.84	54.0	9.16	AV	41.00	100	Horizontal	Pass
5	12484.950	53.32	74.0	20.68	Peak	166.00	200	Horizontal	Pass
5**	12484.950	43.50	54.0	10.50	AV	166.00	200	Horizontal	Pass
6	15636.450	54.49	74.0	19.51	Peak	357.00	100	Horizontal	Pass
6**	15636.450	43.87	54.0	10.13	AV	357.00	100	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

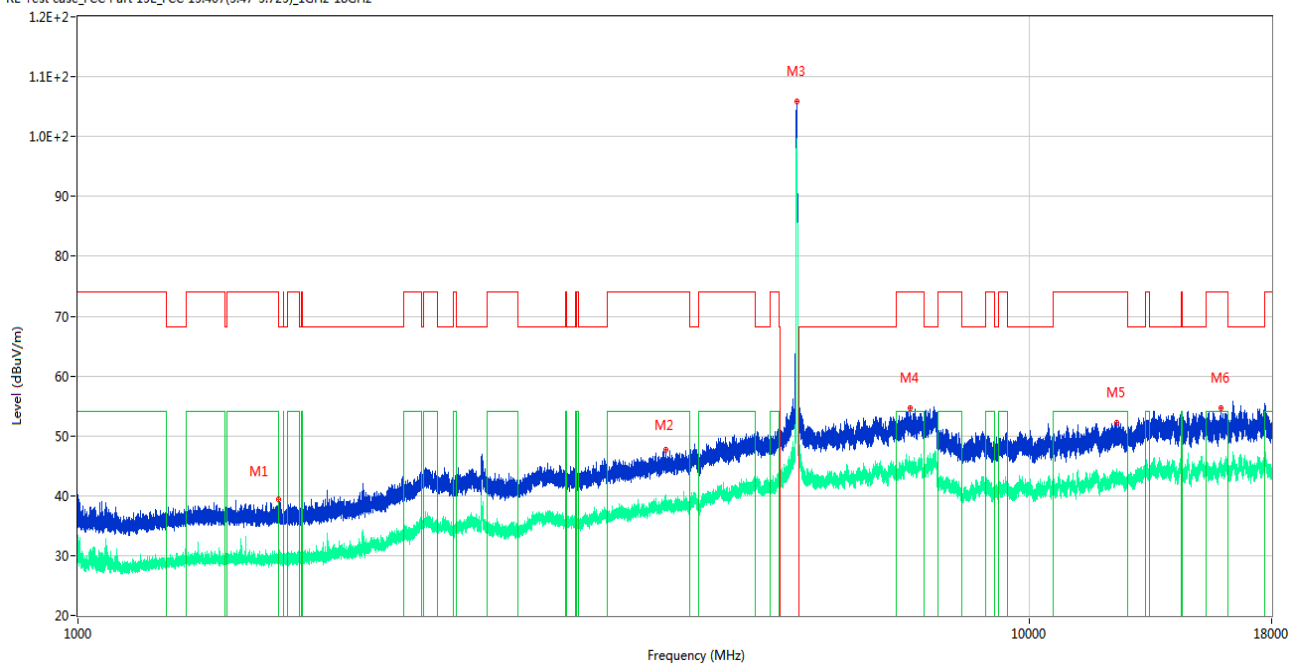
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.200	41.10	74.0	32.90	Peak	334.00	400	Vertical	Pass
1**	1485.200	36.15	54.0	17.85	AV	334.00	400	Vertical	Pass
2	4359.750	48.15	74.0	25.85	Peak	314.00	300	Vertical	Pass
2**	4359.750	39.01	54.0	14.99	AV	314.00	300	Vertical	Pass
3	5582.500	105.28	--	--	Peak	111.00	100	Vertical	N/A
3**	5582.500	97.98	--	--	AV	111.00	100	Vertical	N/A
4	7704.000	54.06	74.0	19.94	Peak	360.00	300	Vertical	Pass
4**	7704.000	44.99	54.0	9.01	AV	360.00	300	Vertical	Pass
5	11755.350	52.61	74.0	21.39	Peak	175.00	150	Vertical	Pass
5**	11755.350	42.63	54.0	11.37	AV	175.00	150	Vertical	Pass
6	15903.412	54.46	74.0	19.54	Peak	149.00	400	Vertical	Pass
6**	15903.412	45.02	54.0	8.98	AV	149.00	400	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

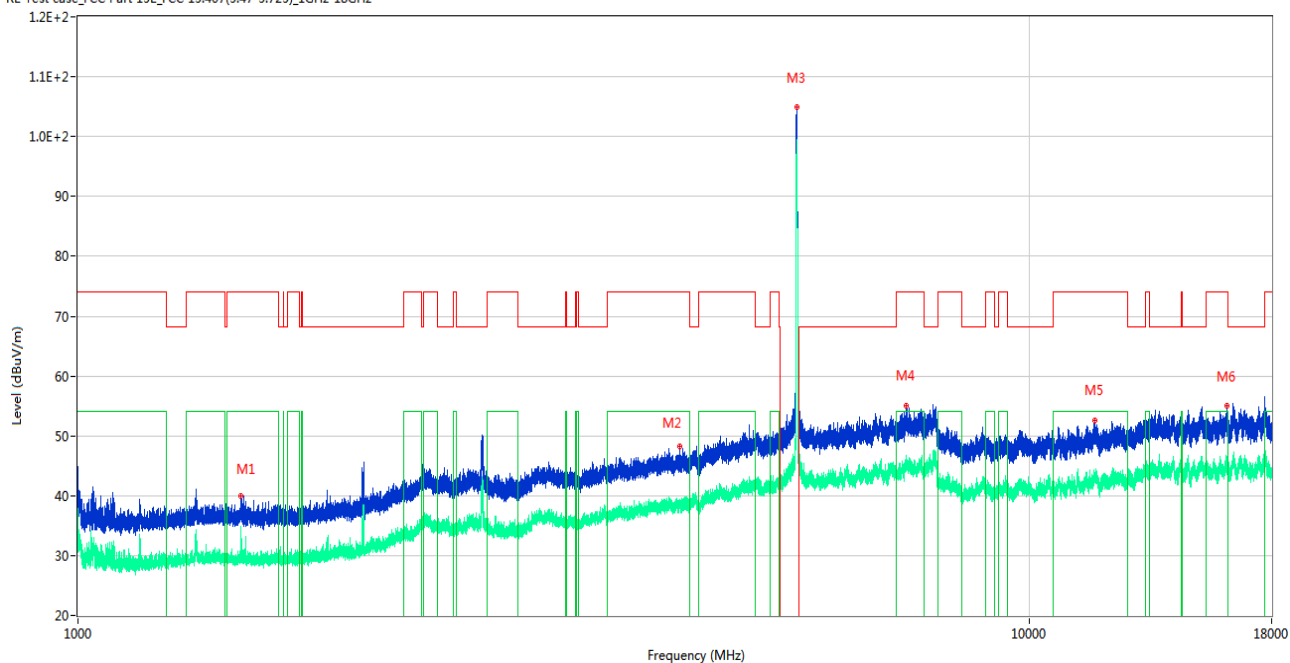
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.800	39.42	74.0	34.58	Peak	271.00	300	Horizontal	Pass
1**	1624.800	31.61	54.0	22.39	AV	271.00	300	Horizontal	Pass
2	4152.250	47.77	74.0	26.23	Peak	65.00	300	Horizontal	Pass
2**	4152.250	38.82	54.0	15.18	AV	65.00	300	Horizontal	Pass
3	5701.250	105.88	--	--	Peak	134.00	200	Horizontal	N/A
3**	5701.250	98.70	--	--	AV	134.00	200	Horizontal	N/A
4	7510.250	54.64	74.0	19.36	Peak	18.00	100	Horizontal	Pass
4**	7510.250	44.95	54.0	9.05	AV	18.00	100	Horizontal	Pass
5	12364.775	52.28	74.0	21.72	Peak	313.00	150	Horizontal	Pass
5**	12364.775	44.55	54.0	9.45	AV	313.00	150	Horizontal	Pass
6	15904.201	54.65	74.0	19.35	Peak	26.00	100	Horizontal	Pass
6**	15904.201	44.79	54.0	9.21	AV	26.00	100	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

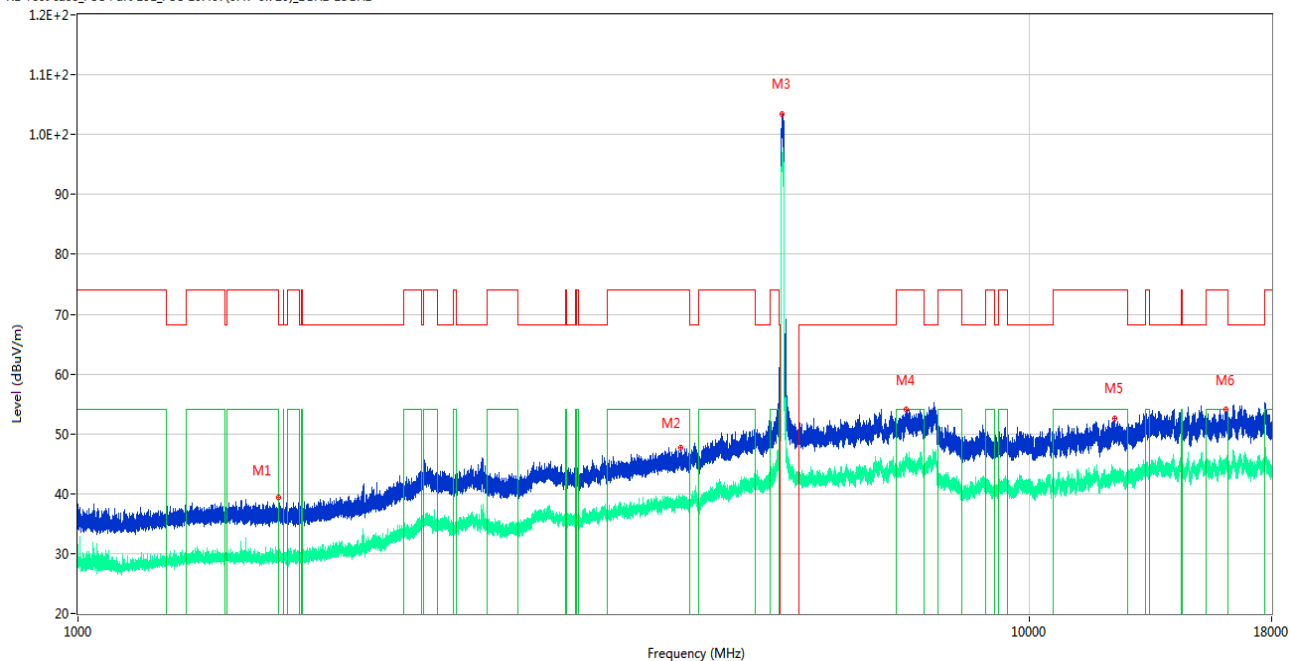
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	40.01	74.0	33.99	Peak	227.00	200	Vertical	Pass
1**	1484.800	33.77	54.0	20.23	AV	227.00	200	Vertical	Pass
2	4296.000	48.30	74.0	25.70	Peak	130.00	300	Vertical	Pass
2**	4296.000	38.39	54.0	15.61	AV	130.00	300	Vertical	Pass
3	5701.250	104.92	--	--	Peak	130.00	150	Vertical	N/A
3**	5701.250	98.57	--	--	AV	130.00	150	Vertical	N/A
4	7426.750	55.03	74.0	18.97	Peak	62.00	400	Vertical	Pass
4**	7426.750	46.71	54.0	7.29	AV	62.00	400	Vertical	Pass
5	11737.062	52.60	74.0	21.40	Peak	24.00	200	Vertical	Pass
5**	11737.062	42.75	54.0	11.25	AV	24.00	200	Vertical	Pass
6	16143.863	55.00	74.0	19.00	Peak	176.00	400	Vertical	Pass
6**	16143.863	44.76	54.0	9.24	AV	176.00	400	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

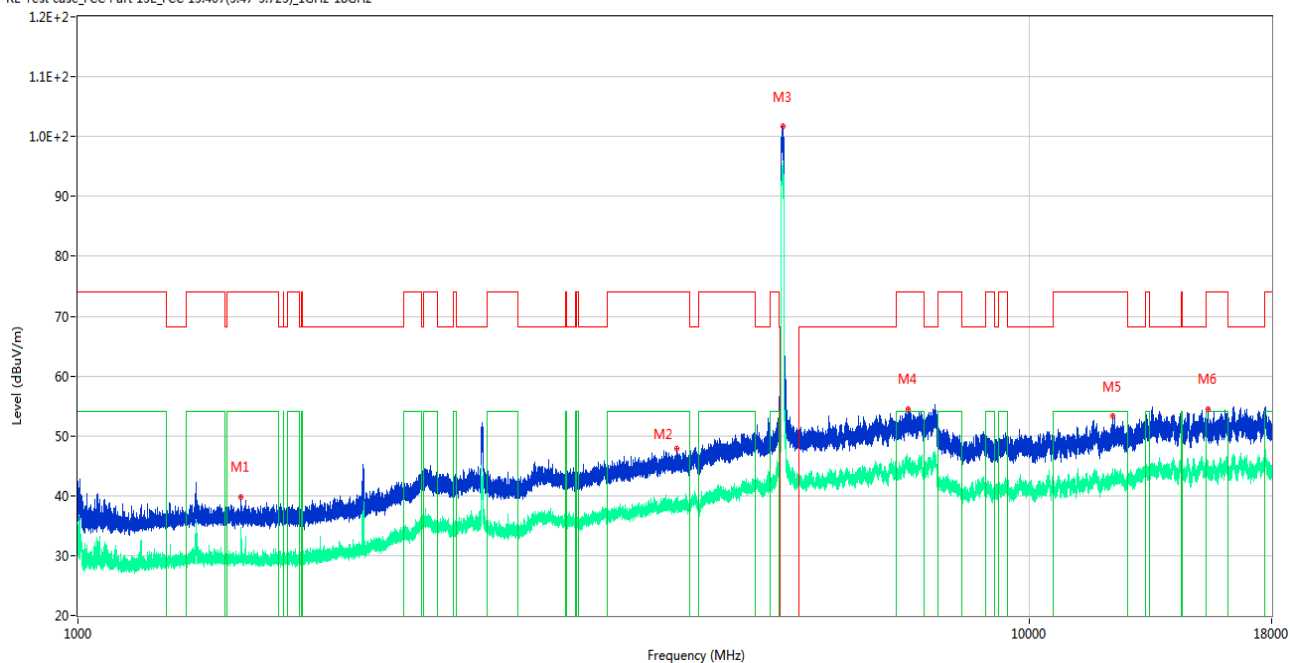
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.900	39.37	74.0	34.63	Peak	332.00	400	Horizontal	Pass
1**	1624.900	32.02	54.0	21.98	AV	332.00	400	Horizontal	Pass
2	4306.750	47.74	74.0	26.26	Peak	360.00	300	Horizontal	Pass
2**	4306.750	38.54	54.0	15.46	AV	360.00	300	Horizontal	Pass
3	5505.750	103.46	--	--	Peak	110.00	150	Horizontal	N/A
3**	5505.750	96.07	--	--	AV	110.00	150	Horizontal	N/A
4	7431.250	54.07	74.0	19.93	Peak	249.00	200	Horizontal	Pass
4**	7431.250	45.71	54.0	8.29	AV	249.00	200	Horizontal	Pass
5	12305.875	52.64	74.0	21.36	Peak	275.00	200	Horizontal	Pass
5**	12305.875	42.67	54.0	11.33	AV	275.00	200	Horizontal	Pass
6	16134.150	54.03	74.0	19.97	Peak	209.00	200	Horizontal	Pass
6**	16134.150	44.84	54.0	9.16	AV	209.00	200	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

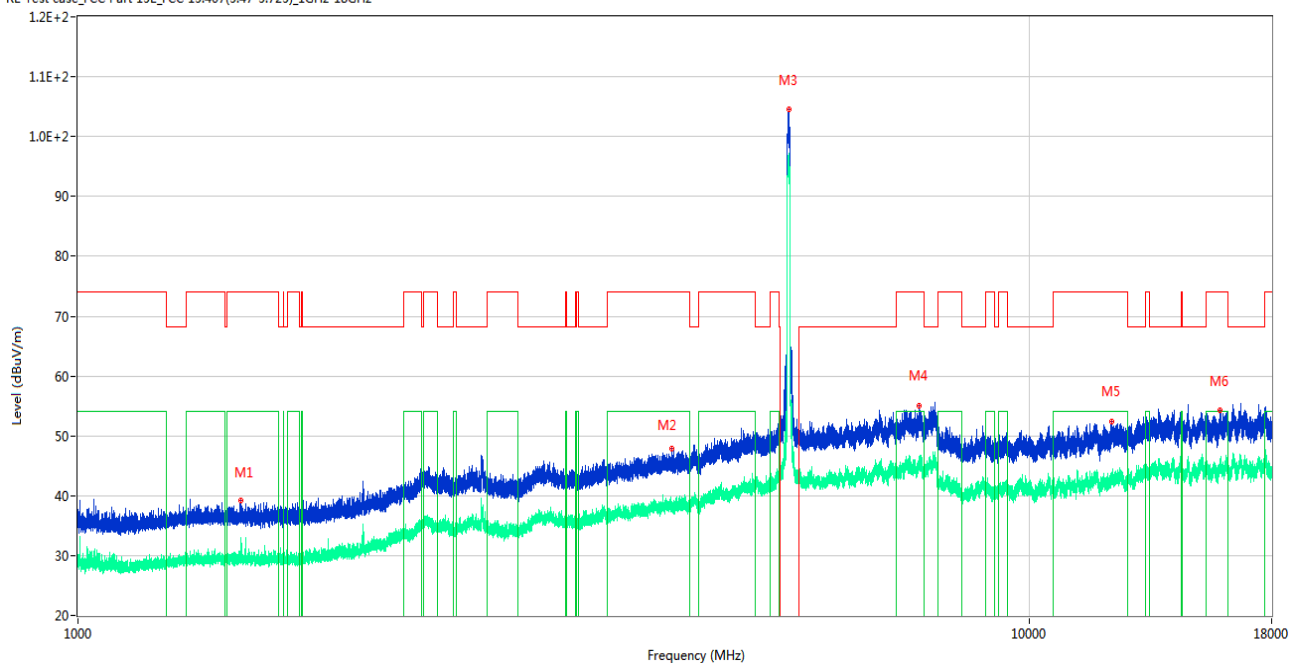
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.100	39.81	74.0	34.19	Peak	0.00	200	Vertical	Pass
1**	1485.100	34.26	54.0	19.74	AV	0.00	200	Vertical	Pass
2	4260.750	47.93	74.0	26.07	Peak	108.00	100	Vertical	Pass
2**	4260.750	38.60	54.0	15.40	AV	108.00	100	Vertical	Pass
3	5516.500	101.69	--	--	Peak	108.00	100	Vertical	N/A
3**	5516.500	94.40	--	--	AV	108.00	100	Vertical	N/A
4	7468.500	54.52	74.0	19.48	Peak	40.00	300	Vertical	Pass
4**	7468.500	44.11	54.0	9.89	AV	40.00	300	Vertical	Pass
5	12246.025	53.32	74.0	20.68	Peak	103.00	200	Vertical	Pass
5**	12246.025	43.07	54.0	10.93	AV	103.00	200	Vertical	Pass
6	15421.200	54.46	74.0	19.54	Peak	261.00	300	Vertical	Pass
6**	15421.200	45.21	54.0	8.79	AV	261.00	300	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

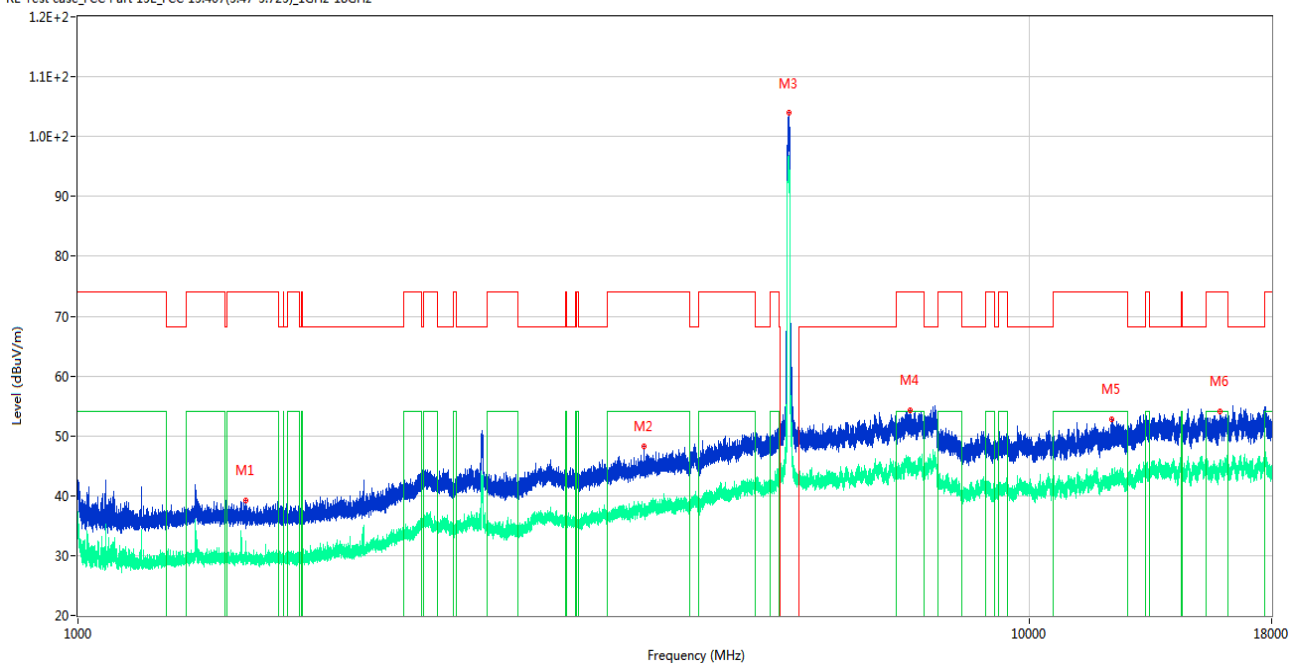
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.200	39.17	74.0	34.83	Peak	346.00	200	Horizontal	Pass
1**	1483.200	31.22	54.0	22.78	AV	346.00	200	Horizontal	Pass
2	4215.250	47.80	74.0	26.20	Peak	40.00	300	Horizontal	Pass
2**	4215.250	37.59	54.0	16.41	AV	40.00	300	Horizontal	Pass
3	5588.250	104.54	--	--	Peak	130.00	200	Horizontal	N/A
3**	5588.250	97.05	--	--	AV	130.00	200	Horizontal	N/A
4	7658.250	55.05	74.0	18.95	Peak	86.00	200	Horizontal	Pass
4**	7658.250	45.03	54.0	8.97	AV	86.00	200	Horizontal	Pass
5	12214.200	52.48	74.0	21.52	Peak	155.00	100	Horizontal	Pass
5**	12214.200	42.44	54.0	11.56	AV	155.00	100	Horizontal	Pass
6	15894.750	54.19	74.0	19.81	Peak	162.00	400	Horizontal	Pass
6**	15894.750	44.40	54.0	9.60	AV	162.00	400	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

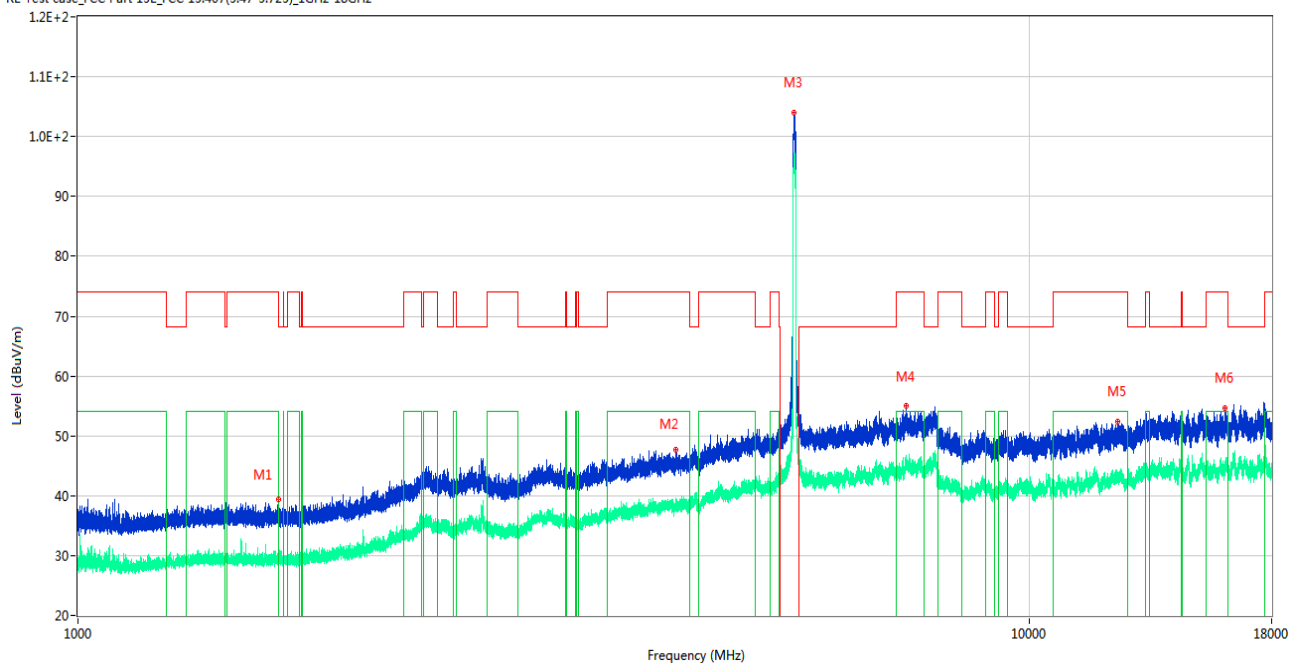
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.400	39.28	74.0	34.72	Peak	291.00	400	Vertical	Pass
1**	1500.400	31.37	54.0	22.63	AV	291.00	400	Vertical	Pass
2	3937.750	48.31	74.0	25.69	Peak	86.00	100	Vertical	Pass
2**	3937.750	37.40	54.0	16.60	AV	86.00	100	Vertical	Pass
3	5588.500	103.97	--	--	Peak	108.00	100	Vertical	N/A
3**	5588.500	96.15	--	--	AV	108.00	100	Vertical	N/A
4	7494.750	54.29	74.0	19.71	Peak	108.00	200	Vertical	Pass
4**	7494.750	44.68	54.0	9.32	AV	108.00	200	Vertical	Pass
5	12232.487	52.83	74.0	21.17	Peak	360.00	150	Vertical	Pass
5**	12232.487	43.54	54.0	10.46	AV	360.00	150	Vertical	Pass
6	15890.813	54.10	74.0	19.90	Peak	140.00	200	Vertical	Pass
6**	15890.813	44.89	54.0	9.11	AV	140.00	200	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

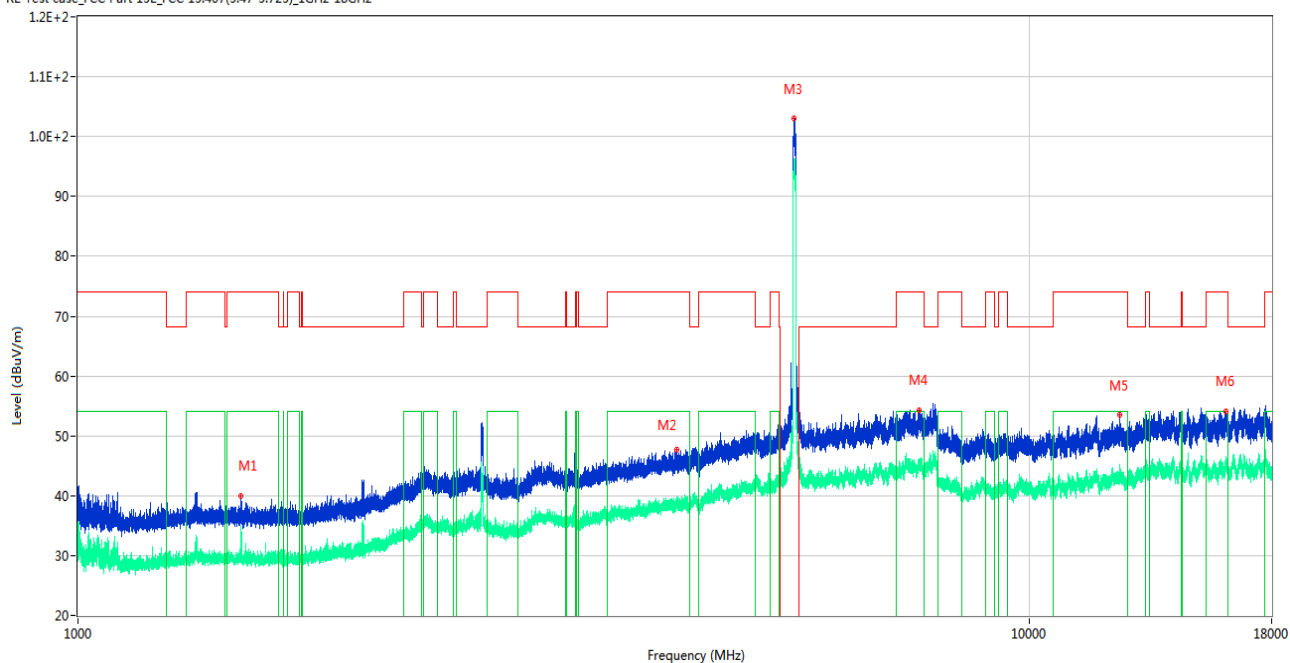
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.800	39.41	74.0	34.59	Peak	271.00	200	Horizontal	Pass
1**	1624.800	31.53	54.0	22.47	AV	271.00	200	Horizontal	Pass
2	4249.250	47.60	74.0	26.40	Peak	358.00	300	Horizontal	Pass
2**	4249.250	38.44	54.0	15.56	AV	358.00	300	Horizontal	Pass
3	5668.250	104.00	--	--	Peak	132.00	100	Horizontal	N/A
3**	5668.250	96.83	--	--	AV	132.00	100	Horizontal	N/A
4	7431.250	54.98	74.0	19.02	Peak	290.00	300	Horizontal	Pass
4**	7431.250	45.84	54.0	8.16	AV	290.00	300	Horizontal	Pass
5	12403.250	52.45	74.0	21.55	Peak	80.00	150	Horizontal	Pass
5**	12403.250	42.52	54.0	11.48	AV	80.00	150	Horizontal	Pass
6	16079.025	54.69	74.0	19.31	Peak	302.00	400	Horizontal	Pass
6**	16079.025	44.33	54.0	9.67	AV	302.00	400	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

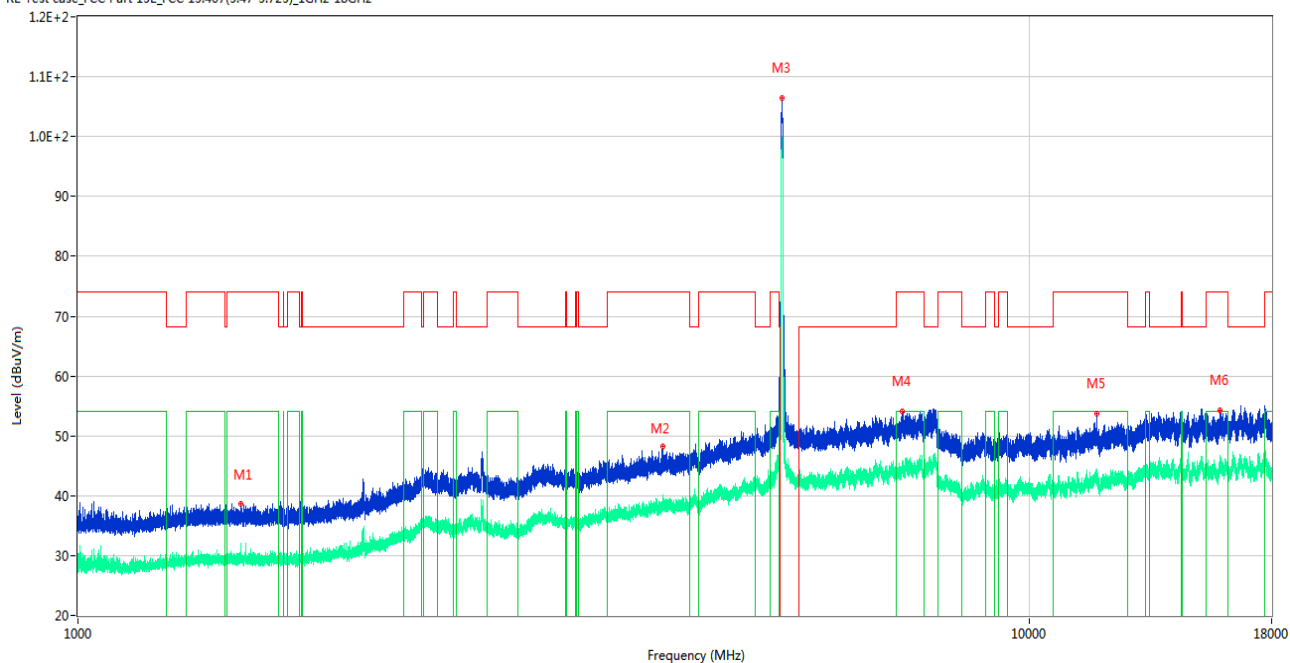
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	40.03	74.0	33.97	Peak	138.00	100	Vertical	Pass
1**	1484.700	33.68	54.0	20.32	AV	138.00	100	Vertical	Pass
2	4262.750	47.73	74.0	26.27	Peak	200.00	200	Vertical	Pass
2**	4262.750	39.23	54.0	14.77	AV	200.00	200	Vertical	Pass
3	5668.500	102.96	--	--	Peak	108.00	200	Vertical	N/A
3**	5668.500	95.79	--	--	AV	108.00	200	Vertical	N/A
4	7659.500	54.33	74.0	19.67	Peak	154.00	100	Vertical	Pass
4**	7659.500	44.46	54.0	9.54	AV	154.00	100	Vertical	Pass
5	12462.862	53.44	74.0	20.56	Peak	360.00	200	Vertical	Pass
5**	12462.862	42.46	54.0	11.54	AV	360.00	200	Vertical	Pass
6	16123.388	54.08	74.0	19.92	Peak	319.00	200	Vertical	Pass
6**	16123.388	44.81	54.0	9.19	AV	319.00	200	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

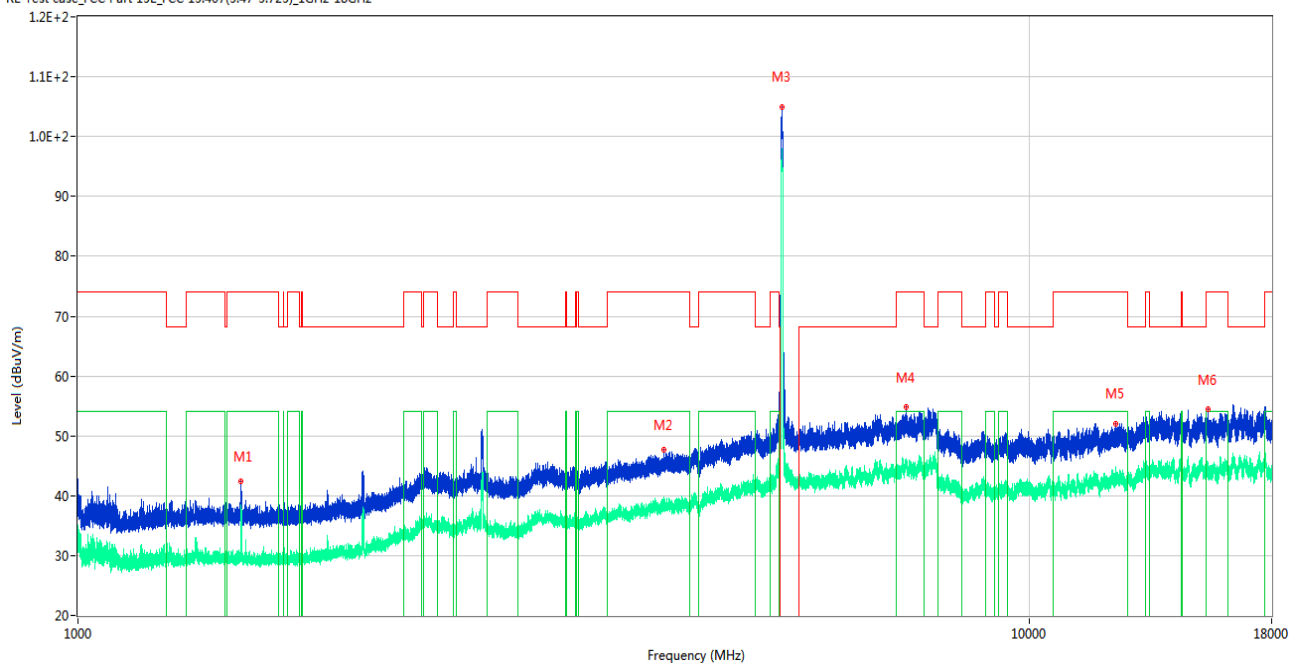
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.400	38.68	74.0	35.32	Peak	215.00	300	Horizontal	Pass
1**	1483.400	32.11	54.0	21.89	AV	215.00	300	Horizontal	Pass
2	4118.250	48.18	74.0	25.82	Peak	359.00	300	Horizontal	Pass
2**	4118.250	38.95	54.0	15.05	AV	359.00	300	Horizontal	Pass
3	5499.000	106.53	--	--	Peak	110.00	200	Horizontal	N/A
3**	5499.000	99.43	--	--	AV	110.00	200	Horizontal	N/A
4	7361.750	54.14	74.0	19.86	Peak	268.00	400	Horizontal	Pass
4**	7361.750	44.51	54.0	9.49	AV	268.00	400	Horizontal	Pass
5	11793.112	53.70	74.0	20.30	Peak	141.00	100	Horizontal	Pass
5**	11793.112	42.81	54.0	11.19	AV	141.00	100	Horizontal	Pass
6	15902.888	54.31	74.0	19.69	Peak	84.00	300	Horizontal	Pass
6**	15902.888	45.51	54.0	8.49	AV	84.00	300	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

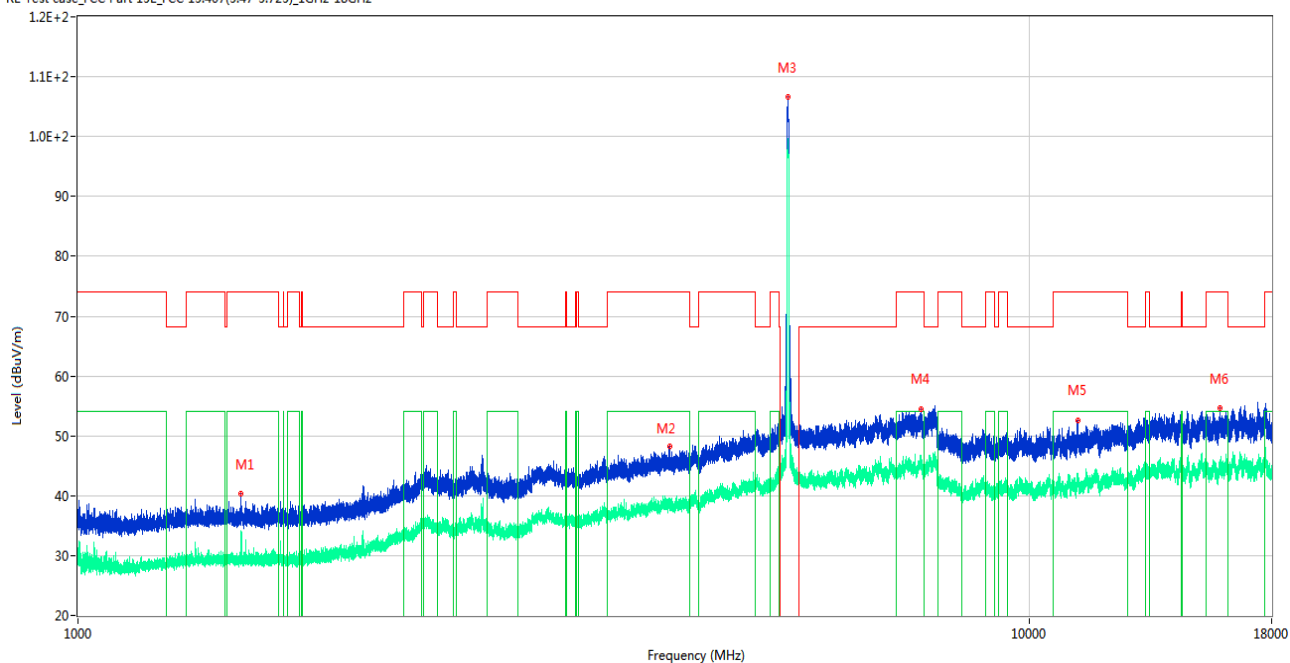
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	42.44	74.0	31.56	Peak	360.00	100	Vertical	Pass
1**	1484.800	38.21	54.0	15.79	AV	360.00	100	Vertical	Pass
2	4135.750	47.65	74.0	26.35	Peak	176.00	100	Vertical	Pass
2**	4135.750	37.87	54.0	16.13	AV	176.00	100	Vertical	Pass
3	5501.250	105.03	--	--	Peak	130.00	100	Vertical	N/A
3**	5501.250	97.33	--	--	AV	130.00	100	Vertical	N/A
4	7429.500	54.82	74.0	19.18	Peak	360.00	200	Vertical	Pass
4**	7429.500	45.34	54.0	8.66	AV	360.00	200	Vertical	Pass
5	12352.663	52.07	74.0	21.93	Peak	0.00	100	Vertical	Pass
5**	12352.663	42.53	54.0	11.47	AV	0.00	100	Vertical	Pass
6	15416.212	54.42	74.0	19.58	Peak	183.00	200	Vertical	Pass
6**	15416.212	45.37	54.0	8.63	AV	183.00	200	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

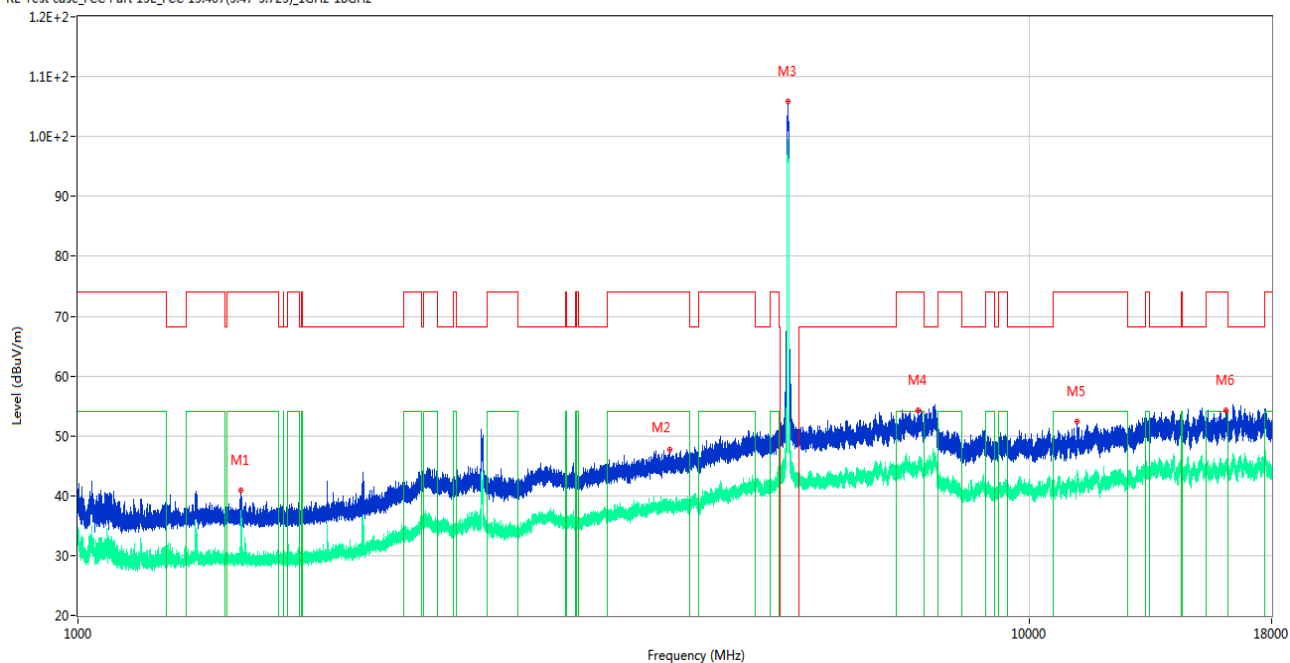
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.300	40.41	74.0	33.59	Peak	247.00	200	Horizontal	Pass
1**	1484.300	30.46	54.0	23.54	AV	247.00	200	Horizontal	Pass
2	4195.500	48.33	74.0	25.67	Peak	15.00	200	Horizontal	Pass
2**	4195.500	38.16	54.0	15.84	AV	15.00	200	Horizontal	Pass
3	5578.750	106.61	--	--	Peak	150.00	200	Horizontal	N/A
3**	5578.750	99.21	--	--	AV	150.00	200	Horizontal	N/A
4	7702.250	54.49	74.0	19.51	Peak	330.00	200	Horizontal	Pass
4**	7702.250	45.50	54.0	8.50	AV	330.00	200	Horizontal	Pass
5	11250.425	52.62	74.0	21.38	Peak	243.00	150	Horizontal	Pass
5**	11250.425	42.56	54.0	11.44	AV	243.00	150	Horizontal	Pass
6	15877.162	54.62	74.0	19.38	Peak	229.00	200	Horizontal	Pass
6**	15877.162	44.22	54.0	9.78	AV	229.00	200	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

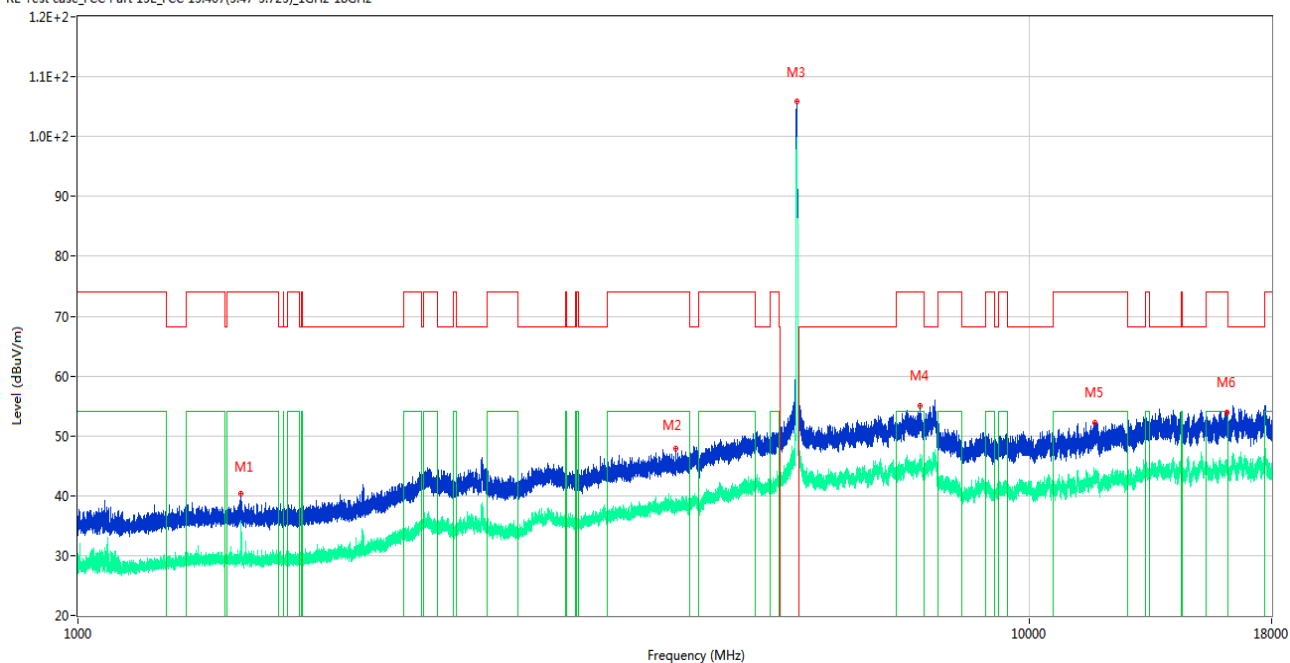
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	40.90	74.0	33.10	Peak	157.00	100	Vertical	Pass
1**	1484.900	36.87	54.0	17.13	AV	157.00	100	Vertical	Pass
2	4194.250	47.71	74.0	26.29	Peak	203.00	200	Vertical	Pass
2**	4194.250	38.47	54.0	15.53	AV	203.00	200	Vertical	Pass
3	5582.250	105.91	--	--	Peak	113.00	150	Vertical	N/A
3**	5582.250	98.88	--	--	AV	113.00	150	Vertical	N/A
4	7653.250	54.35	74.0	19.65	Peak	67.00	200	Vertical	Pass
4**	7653.250	44.45	54.0	9.55	AV	67.00	200	Vertical	Pass
5	11247.337	52.45	74.0	21.55	Peak	274.00	150	Vertical	Pass
5**	11247.337	42.92	54.0	11.08	AV	274.00	150	Vertical	Pass
6	16131.526	54.37	74.0	19.63	Peak	202.00	300	Vertical	Pass
6**	16131.526	45.46	54.0	8.54	AV	202.00	300	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

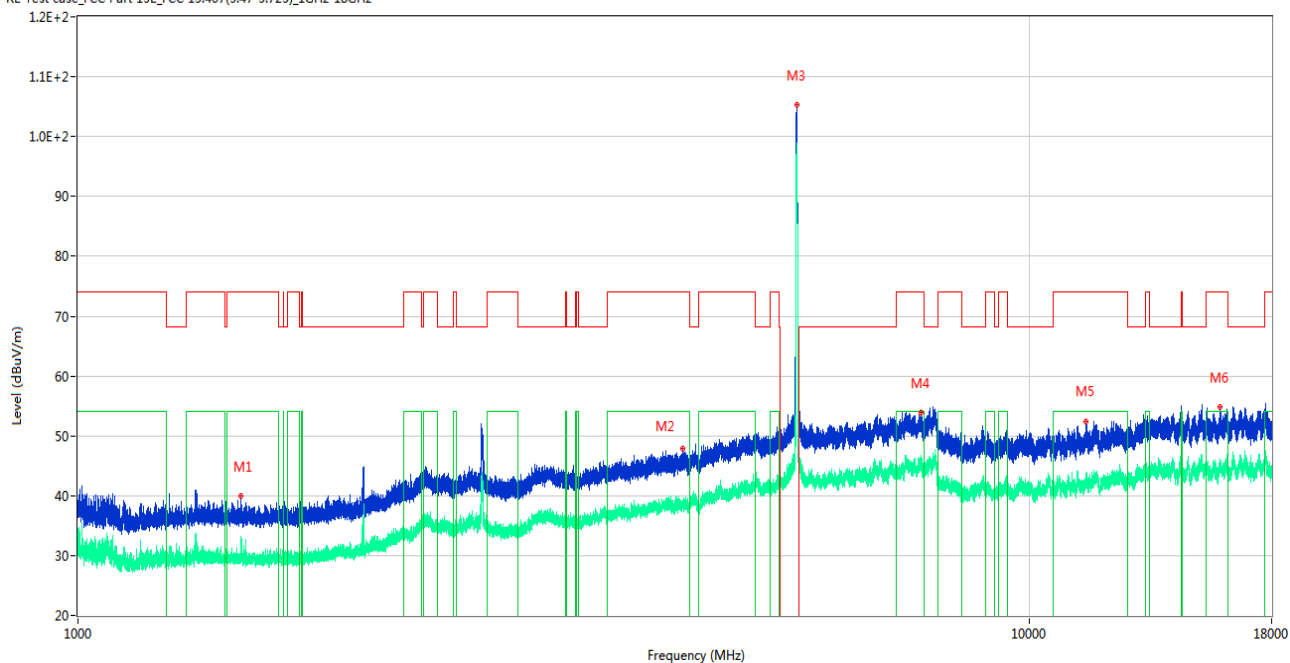
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	40.37	74.0	33.63	Peak	174.00	300	Horizontal	Pass
1**	1484.600	33.37	54.0	20.63	AV	174.00	300	Horizontal	Pass
2	4255.000	47.96	74.0	26.04	Peak	86.00	400	Horizontal	Pass
2**	4255.000	38.61	54.0	15.39	AV	86.00	400	Horizontal	Pass
3	5698.750	105.83	--	--	Peak	108.00	100	Horizontal	N/A
3**	5698.750	98.93	--	--	AV	108.00	100	Horizontal	N/A
4	7687.000	55.06	74.0	18.94	Peak	18.00	300	Horizontal	Pass
4**	7687.000	45.46	54.0	8.54	AV	18.00	300	Horizontal	Pass
5	11719.012	52.23	74.0	21.77	Peak	33.00	150	Horizontal	Pass
5**	11719.012	42.21	54.0	11.79	AV	33.00	150	Horizontal	Pass
6	16157.776	53.99	74.0	20.01	Peak	77.00	200	Horizontal	Pass
6**	16157.776	44.75	54.0	9.25	AV	77.00	200	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

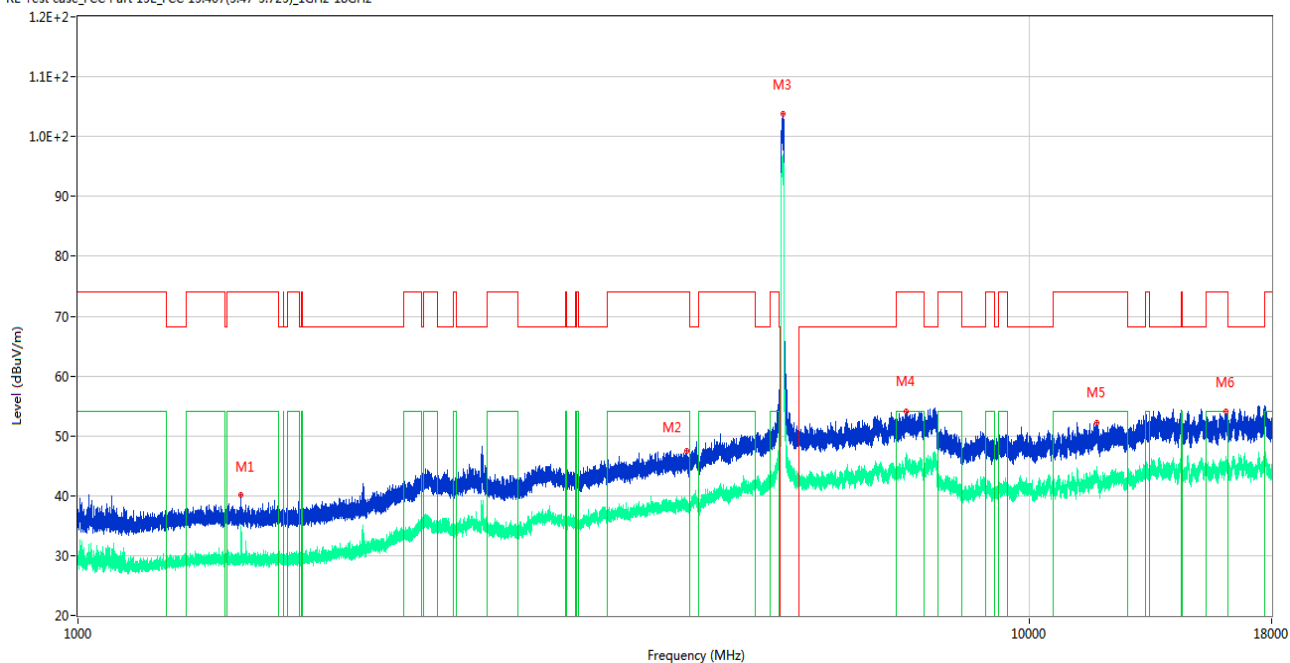
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.900	39.94	74.0	34.06	Peak	249.00	200	Vertical	Pass
1**	1483.900	31.15	54.0	22.85	AV	249.00	200	Vertical	Pass
2	4321.750	47.86	74.0	26.14	Peak	65.00	400	Vertical	Pass
2**	4321.750	39.20	54.0	14.80	AV	65.00	400	Vertical	Pass
3	5699.250	105.23	--	--	Peak	110.00	100	Vertical	N/A
3**	5699.250	98.23	--	--	AV	110.00	100	Vertical	N/A
4	7704.500	53.88	74.0	20.12	Peak	134.00	300	Vertical	Pass
4**	7704.500	46.49	54.0	7.51	AV	134.00	300	Vertical	Pass
5	11488.400	52.41	74.0	21.59	Peak	0.00	200	Vertical	Pass
5**	11488.400	42.54	54.0	11.46	AV	0.00	200	Vertical	Pass
6	15892.125	54.79	74.0	19.21	Peak	4.00	100	Vertical	Pass
6**	15892.125	45.43	54.0	8.57	AV	4.00	100	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

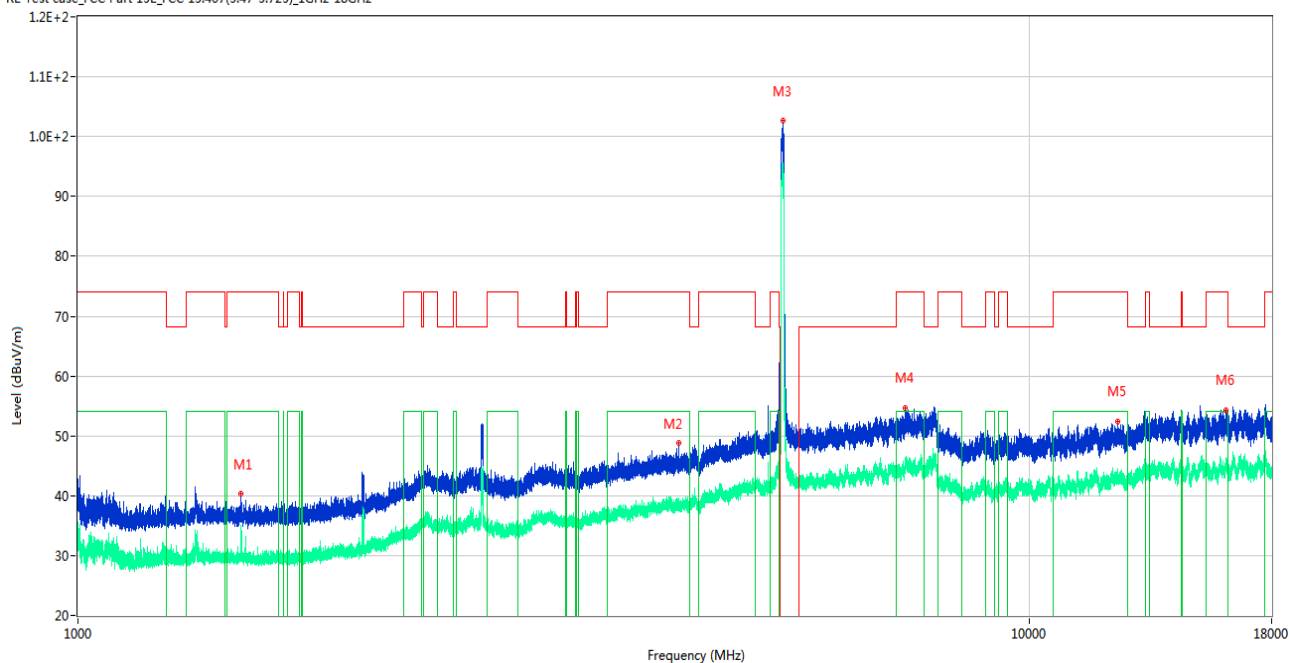
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	40.13	74.0	33.87	Peak	332.00	300	Horizontal	Pass
1**	1484.600	33.21	54.0	20.79	AV	332.00	300	Horizontal	Pass
2	4362.500	47.49	74.0	26.51	Peak	222.00	100	Horizontal	Pass
2**	4362.500	38.18	54.0	15.82	AV	222.00	100	Horizontal	Pass
3	5508.250	103.71	--	--	Peak	108.00	150	Horizontal	N/A
3**	5508.250	96.58	--	--	AV	108.00	150	Horizontal	N/A
4	7421.250	54.12	74.0	19.88	Peak	289.00	400	Horizontal	Pass
4**	7421.250	45.21	54.0	8.79	AV	289.00	400	Horizontal	Pass
5	11775.776	52.23	74.0	21.77	Peak	358.00	150	Horizontal	Pass
5**	11775.776	43.04	54.0	10.96	AV	358.00	150	Horizontal	Pass
6	16121.287	54.03	74.0	19.97	Peak	2.00	200	Horizontal	Pass
6**	16121.287	46.22	54.0	7.78	AV	2.00	200	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

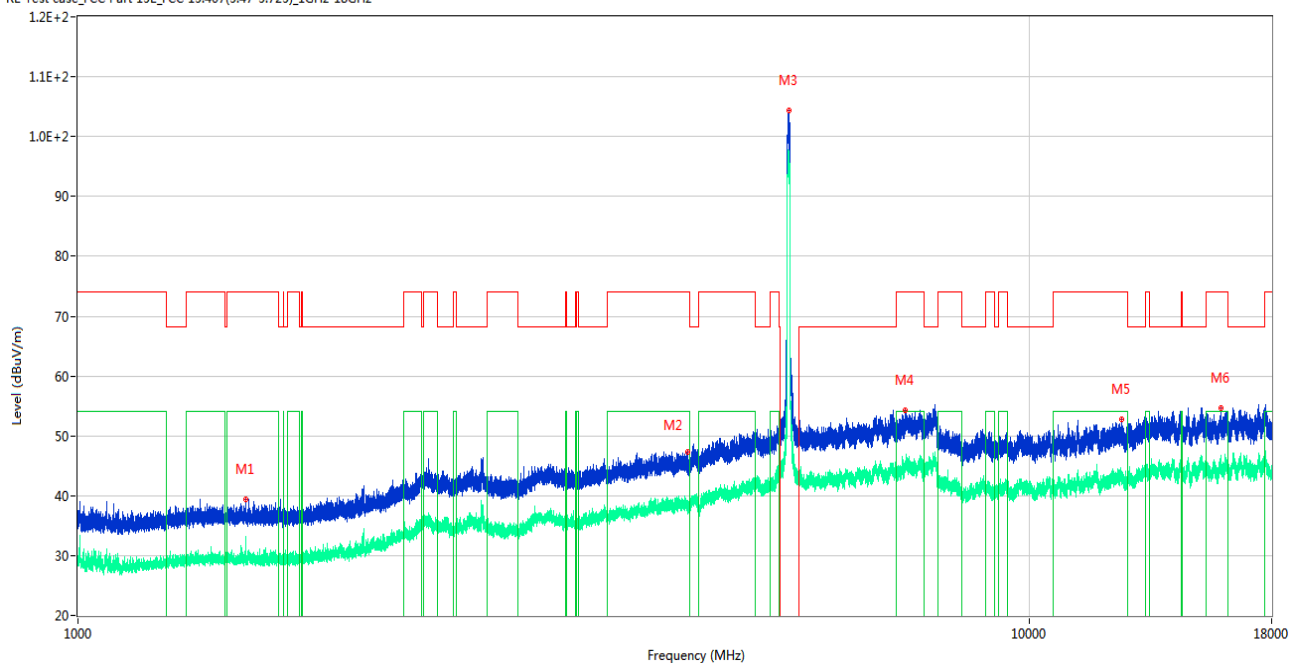
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	40.31	74.0	33.69	Peak	360.00	300	Vertical	Pass
1**	1484.800	34.38	54.0	19.62	AV	360.00	300	Vertical	Pass
2	4286.250	48.77	74.0	25.23	Peak	154.00	400	Vertical	Pass
2**	4286.250	38.29	54.0	15.71	AV	154.00	400	Vertical	Pass
3	5508.500	102.61	--	--	Peak	108.00	100	Vertical	N/A
3**	5508.500	95.01	--	--	AV	108.00	100	Vertical	N/A
4	7410.500	54.70	74.0	19.30	Peak	222.00	300	Vertical	Pass
4**	7410.500	45.19	54.0	8.81	AV	222.00	300	Vertical	Pass
5	12406.575	52.42	74.0	21.58	Peak	269.00	100	Vertical	Pass
5**	12406.575	43.23	54.0	10.77	AV	269.00	100	Vertical	Pass
6	16125.750	54.34	74.0	19.66	Peak	248.00	400	Vertical	Pass
6**	16125.750	44.39	54.0	9.61	AV	248.00	400	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

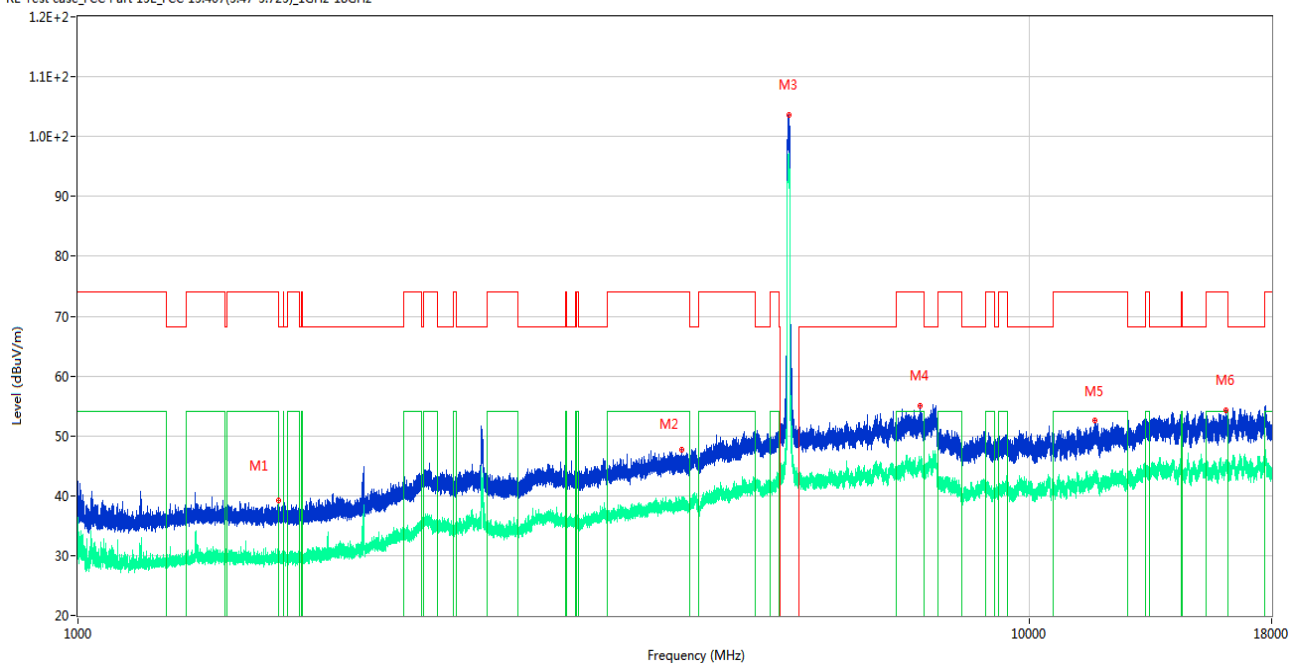
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	39.42	74.0	34.58	Peak	133.00	300	Horizontal	Pass
1**	1499.800	32.34	54.0	21.66	AV	133.00	300	Horizontal	Pass
2	4380.000	47.39	74.0	26.61	Peak	360.00	300	Horizontal	Pass
2**	4380.000	39.16	54.0	14.84	AV	360.00	300	Horizontal	Pass
3	5588.500	104.45	--	--	Peak	132.00	200	Horizontal	N/A
3**	5588.500	96.86	--	--	AV	132.00	200	Horizontal	N/A
4	7420.500	54.36	74.0	19.64	Peak	176.00	200	Horizontal	Pass
4**	7420.500	45.51	54.0	8.49	AV	176.00	200	Horizontal	Pass
5	12506.800	52.78	74.0	21.22	Peak	78.00	150	Horizontal	Pass
5**	12506.800	42.87	54.0	11.13	AV	78.00	150	Horizontal	Pass
6	15917.587	54.74	74.0	19.26	Peak	166.00	300	Horizontal	Pass
6**	15917.587	44.49	54.0	9.51	AV	166.00	300	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

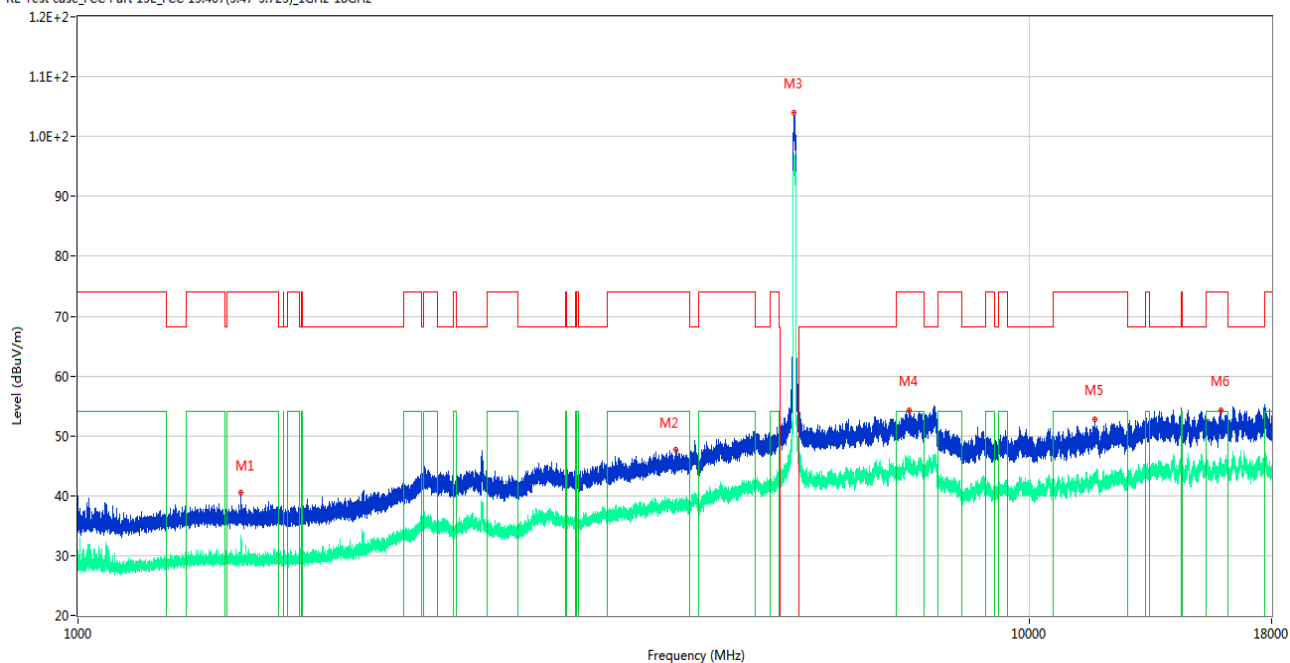
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.900	39.27	74.0	34.73	Peak	303.00	200	Vertical	Pass
1**	1624.900	31.89	54.0	22.11	AV	303.00	200	Vertical	Pass
2	4310.250	47.78	74.0	26.22	Peak	338.00	200	Vertical	Pass
2**	4310.250	37.62	54.0	16.38	AV	338.00	200	Vertical	Pass
3	5592.000	103.66	--	--	Peak	108.00	200	Vertical	N/A
3**	5592.000	97.16	--	--	AV	108.00	200	Vertical	N/A
4	7686.000	55.08	74.0	18.92	Peak	314.00	200	Vertical	Pass
4**	7686.000	45.43	54.0	8.57	AV	314.00	200	Vertical	Pass
5	11736.350	52.50	74.0	21.50	Peak	268.00	200	Vertical	Pass
5**	11736.350	42.78	54.0	11.22	AV	268.00	200	Vertical	Pass
6	16099.237	54.31	74.0	19.69	Peak	214.00	100	Vertical	Pass
6**	16099.237	45.16	54.0	8.84	AV	214.00	100	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

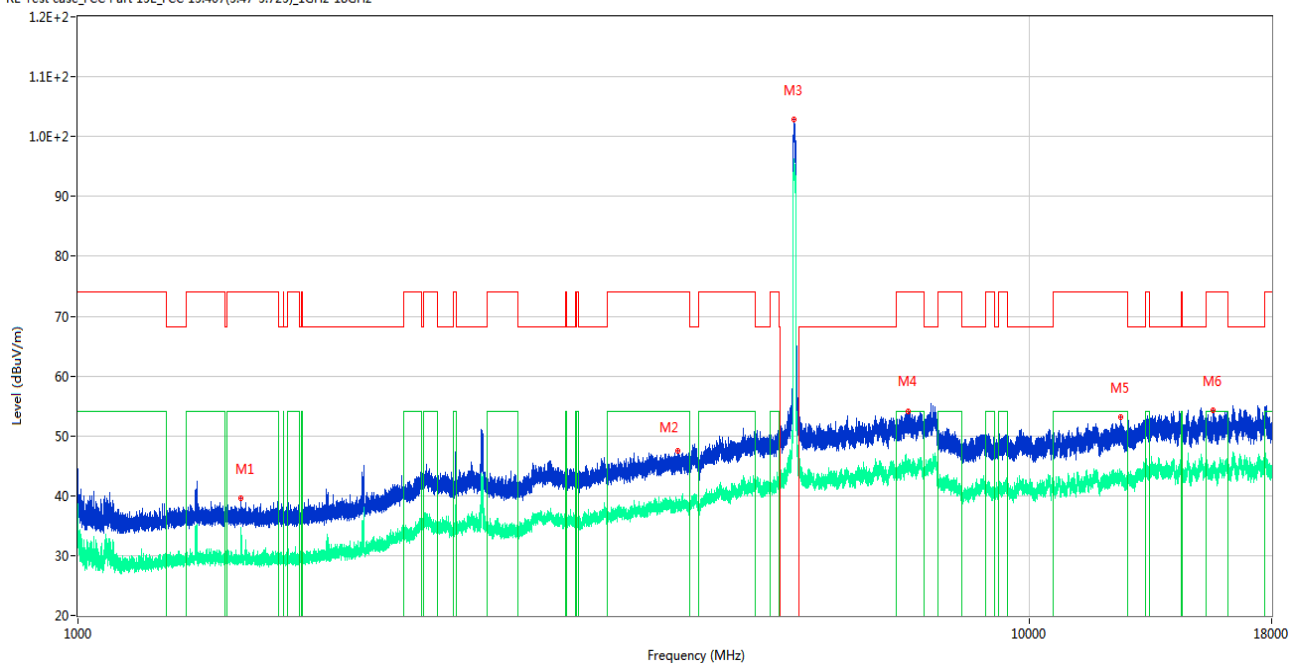
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	40.54	74.0	33.46	Peak	237.00	300	Horizontal	Pass
1**	1484.900	32.51	54.0	21.49	AV	237.00	300	Horizontal	Pass
2	4256.250	47.68	74.0	26.32	Peak	360.00	400	Horizontal	Pass
2**	4256.250	38.42	54.0	15.58	AV	360.00	400	Horizontal	Pass
3	5666.250	103.98	--	--	Peak	129.00	200	Horizontal	N/A
3**	5666.250	97.30	--	--	AV	129.00	200	Horizontal	N/A
4	7490.750	54.20	74.0	19.80	Peak	18.00	100	Horizontal	Pass
4**	7490.750	45.10	54.0	8.90	AV	18.00	100	Horizontal	Pass
5	11727.325	52.74	74.0	21.26	Peak	337.00	150	Horizontal	Pass
5**	11727.325	42.84	54.0	11.16	AV	337.00	150	Horizontal	Pass
6	15910.237	54.25	74.0	19.75	Peak	103.00	400	Horizontal	Pass
6**	15910.237	44.82	54.0	9.18	AV	103.00	400	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

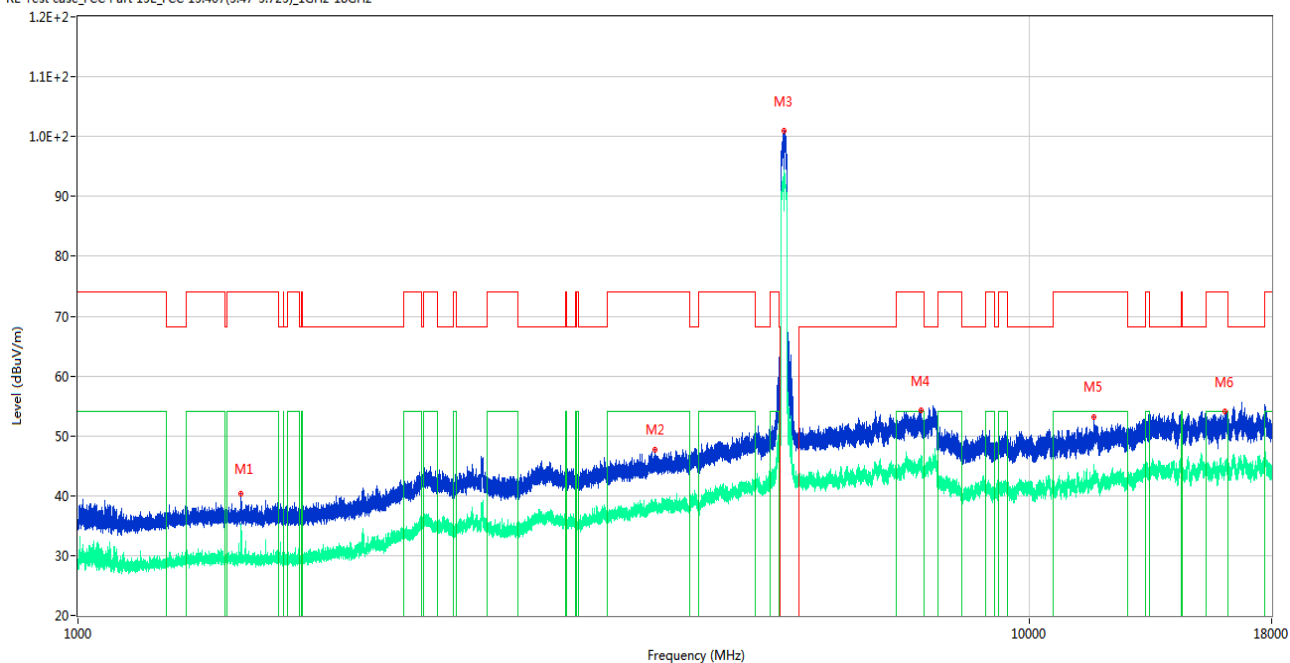
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	39.53	74.0	34.47	Peak	300.00	100	Vertical	Pass
1**	1484.800	33.62	54.0	20.38	AV	300.00	100	Vertical	Pass
2	4278.250	47.43	74.0	26.57	Peak	244.00	400	Vertical	Pass
2**	4278.250	37.98	54.0	16.02	AV	244.00	400	Vertical	Pass
3	5668.250	102.79	--	--	Peak	108.00	100	Vertical	N/A
3**	5668.250	96.25	--	--	AV	108.00	100	Vertical	N/A
4	7472.500	54.15	74.0	19.85	Peak	176.00	400	Vertical	Pass
4**	7472.500	45.04	54.0	8.96	AV	176.00	400	Vertical	Pass
5	12482.813	53.05	74.0	20.95	Peak	360.00	100	Vertical	Pass
5**	12482.813	42.92	54.0	11.08	AV	360.00	100	Vertical	Pass
6	15636.187	54.20	74.0	19.80	Peak	294.00	400	Vertical	Pass
6**	15636.187	44.39	54.0	9.61	AV	294.00	400	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

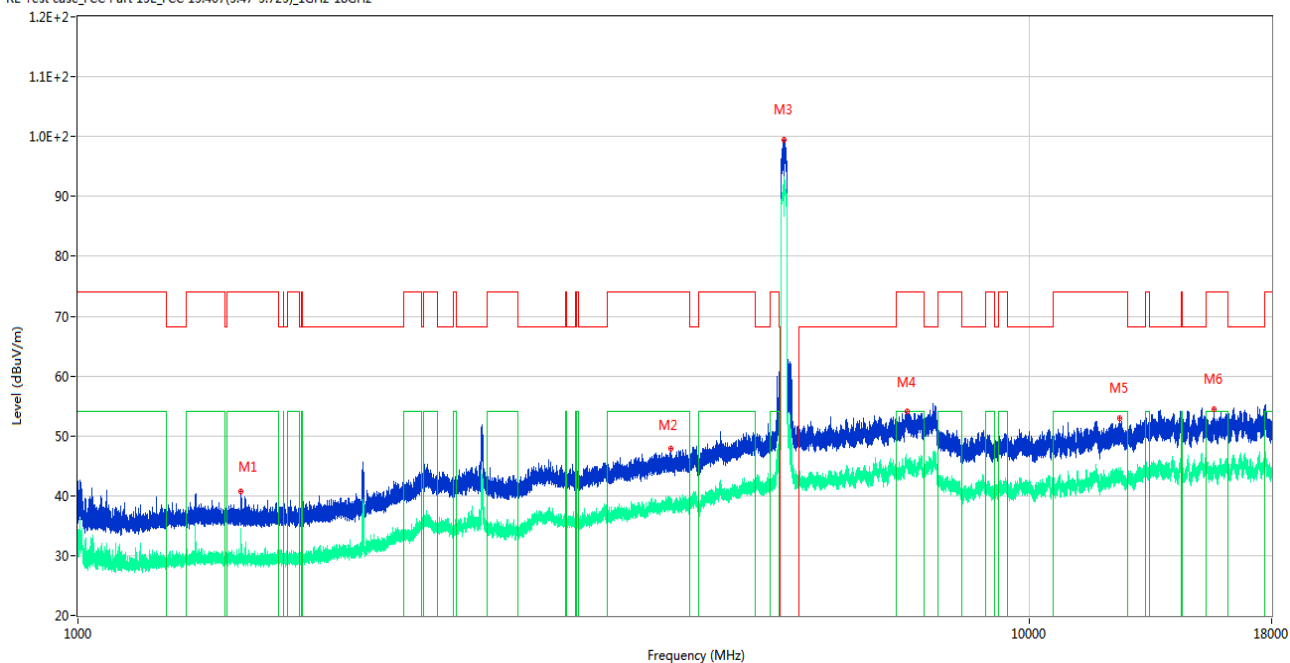
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	40.35	74.0	33.65	Peak	141.00	100	Horizontal	Pass
1**	1484.900	35.25	54.0	18.75	AV	141.00	100	Horizontal	Pass
2	4042.500	47.60	74.0	26.40	Peak	129.00	200	Horizontal	Pass
2**	4042.500	37.67	54.0	16.33	AV	129.00	200	Horizontal	Pass
3	5526.500	100.96	--	--	Peak	129.00	100	Horizontal	N/A
3**	5526.500	93.11	--	--	AV	129.00	100	Horizontal	N/A
4	7708.000	54.24	74.0	19.76	Peak	360.00	100	Horizontal	Pass
4**	7708.000	44.79	54.0	9.21	AV	360.00	100	Horizontal	Pass
5	11705.000	53.23	74.0	20.77	Peak	360.00	150	Horizontal	Pass
5**	11705.000	42.86	54.0	11.14	AV	360.00	150	Horizontal	Pass
6	16091.099	54.07	74.0	19.93	Peak	76.00	300	Horizontal	Pass
6**	16091.099	44.86	54.0	9.14	AV	76.00	300	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

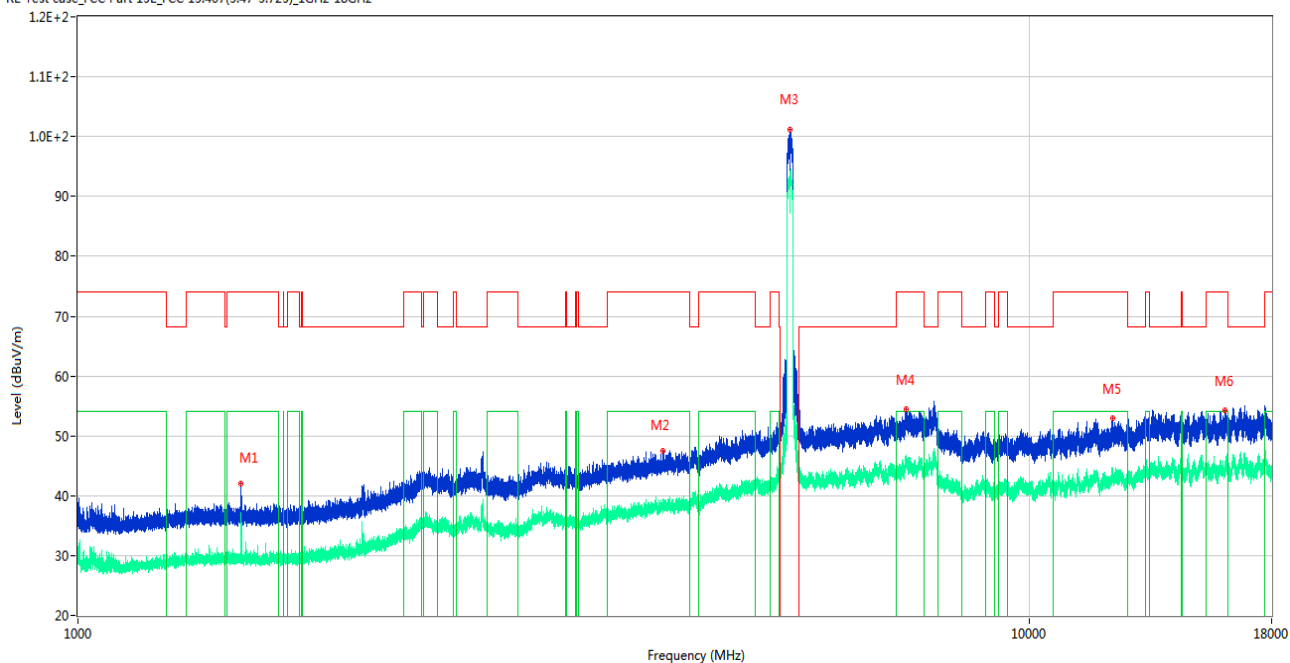
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	40.63	74.0	33.37	Peak	61.00	400	Vertical	Pass
1**	1484.700	33.68	54.0	20.32	AV	61.00	400	Vertical	Pass
2	4206.000	47.86	74.0	26.14	Peak	224.00	300	Vertical	Pass
2**	4206.000	38.98	54.0	15.02	AV	224.00	300	Vertical	Pass
3	5523.000	99.49	--	--	Peak	110.00	150	Vertical	N/A
3**	5523.000	91.47	--	--	AV	110.00	150	Vertical	N/A
4	7451.000	54.01	74.0	19.99	Peak	246.00	100	Vertical	Pass
4**	7451.000	44.64	54.0	9.36	AV	246.00	100	Vertical	Pass
5	12470.938	52.95	74.0	21.05	Peak	49.00	150	Vertical	Pass
5**	12470.938	42.95	54.0	11.05	AV	49.00	150	Vertical	Pass
6	15654.563	54.56	74.0	19.44	Peak	33.00	200	Vertical	Pass
6**	15654.563	44.30	54.0	9.70	AV	33.00	200	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

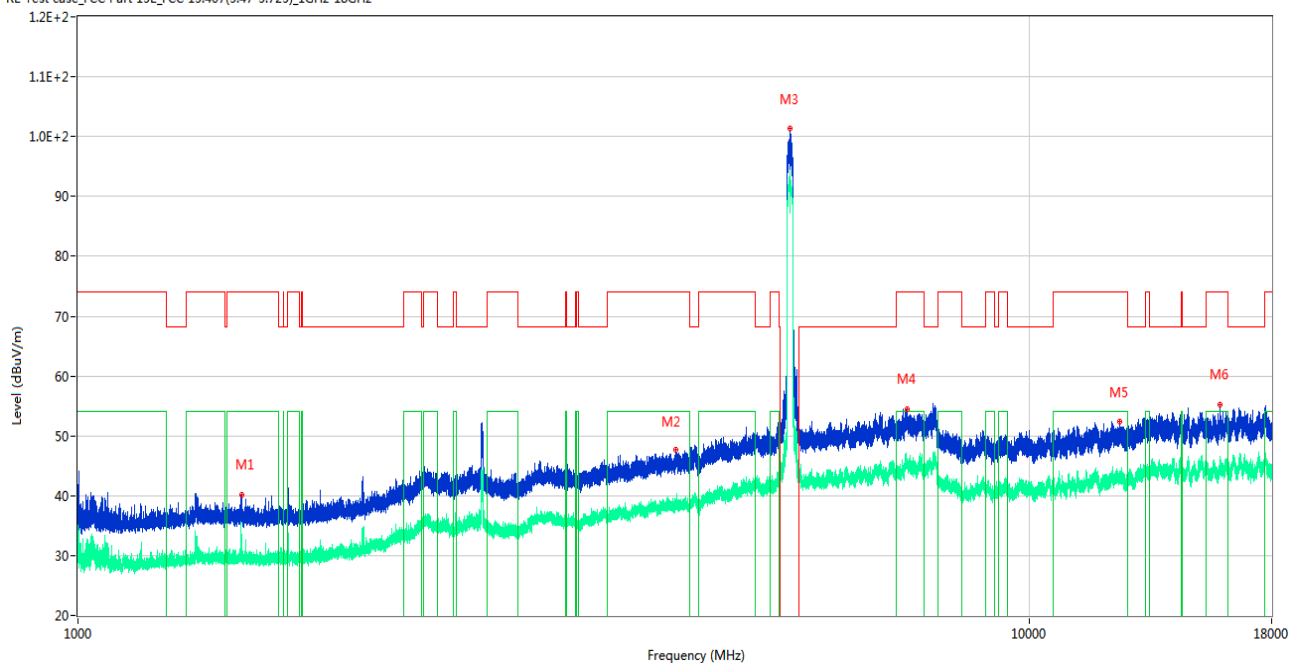
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	42.00	74.0	32.00	Peak	203.00	300	Horizontal	Pass
1**	1484.800	35.51	54.0	18.49	AV	203.00	300	Horizontal	Pass
2	4117.750	47.55	74.0	26.45	Peak	224.00	400	Horizontal	Pass
2**	4117.750	38.25	54.0	15.75	AV	224.00	400	Horizontal	Pass
3	5611.750	101.24	--	--	Peak	132.00	200	Horizontal	N/A
3**	5611.750	93.61	--	--	AV	132.00	200	Horizontal	N/A
4	7424.500	54.41	74.0	19.59	Peak	360.00	100	Horizontal	Pass
4**	7424.500	45.68	54.0	8.32	AV	360.00	100	Horizontal	Pass
5	12243.174	52.90	74.0	21.10	Peak	30.00	150	Horizontal	Pass
5**	12243.174	43.45	54.0	10.55	AV	30.00	150	Horizontal	Pass
6	16087.162	54.21	74.0	19.79	Peak	287.00	200	Horizontal	Pass
6**	16087.162	44.33	54.0	9.67	AV	287.00	200	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

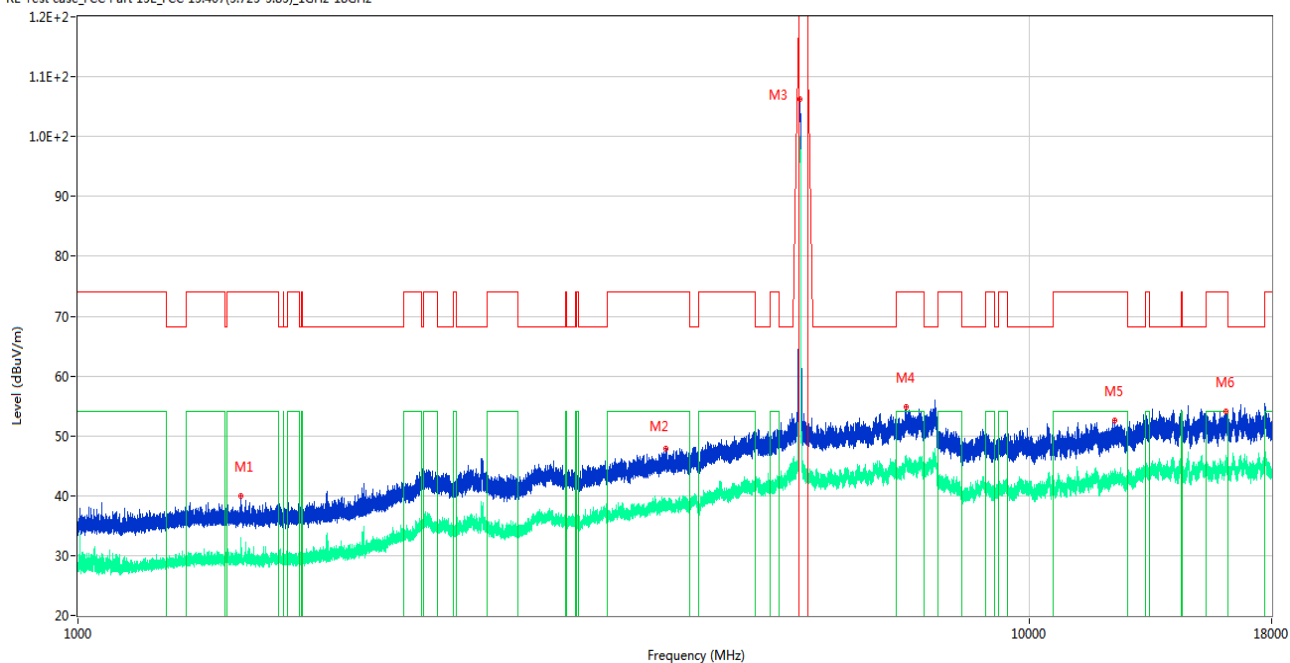
RE Test case_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.300	40.06	74.0	33.94	Peak	249.00	100	Vertical	Pass
1**	1485.300	33.62	54.0	20.38	AV	249.00	100	Vertical	Pass
2	4256.750	47.62	74.0	26.38	Peak	360.00	300	Vertical	Pass
2**	4256.750	39.03	54.0	14.97	AV	360.00	300	Vertical	Pass
3	5603.500	101.31	--	--	Peak	110.00	200	Vertical	N/A
3**	5603.500	93.39	--	--	AV	110.00	200	Vertical	N/A
4	7444.250	54.50	74.0	19.50	Peak	314.00	200	Vertical	Pass
4**	7444.250	45.20	54.0	8.80	AV	314.00	200	Vertical	Pass
5	12454.787	52.32	74.0	21.68	Peak	360.00	200	Vertical	Pass
5**	12454.787	42.79	54.0	11.21	AV	360.00	200	Vertical	Pass
6	15892.912	55.27	74.0	18.73	Peak	350.00	400	Vertical	Pass
6**	15892.912	46.01	54.0	7.99	AV	350.00	400	Vertical	Pass

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

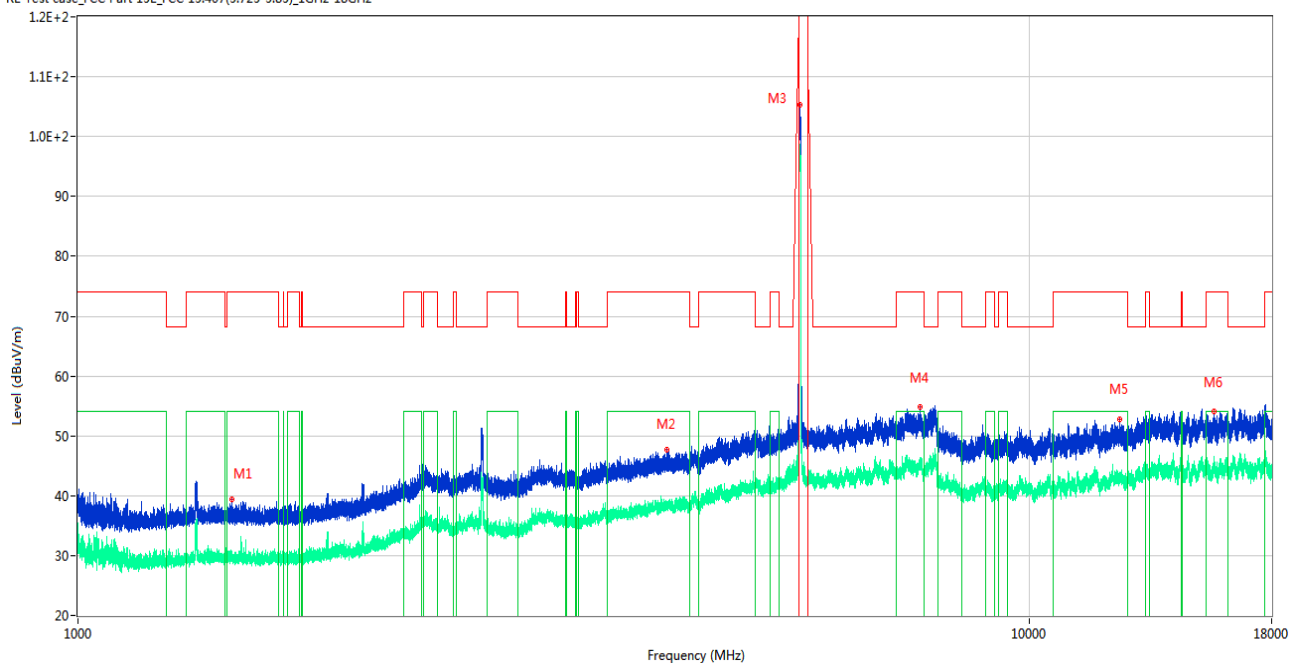
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.400	39.88	74.0	34.12	Peak	138.00	100	Horizontal	Pass
1**	1484.400	30.30	54.0	23.70	AV	138.00	100	Horizontal	Pass
2	4156.000	47.94	74.0	26.06	Peak	110.00	400	Horizontal	Pass
2**	4156.000	38.87	54.0	15.13	AV	110.00	400	Horizontal	Pass
3	5746.750	106.21	--	--	Peak	132.00	200	Horizontal	N/A
3**	5746.750	99.46	--	--	AV	132.00	200	Horizontal	N/A
4	7425.500	54.77	74.0	19.23	Peak	200.00	200	Horizontal	Pass
4**	7425.500	45.91	54.0	8.09	AV	200.00	200	Horizontal	Pass
5	12306.588	52.51	74.0	21.49	Peak	302.00	200	Horizontal	Pass
5**	12306.588	43.20	54.0	10.80	AV	302.00	200	Horizontal	Pass
6	16113.675	54.07	74.0	19.93	Peak	355.00	400	Horizontal	Pass
6**	16113.675	44.45	54.0	9.55	AV	355.00	400	Horizontal	Pass

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

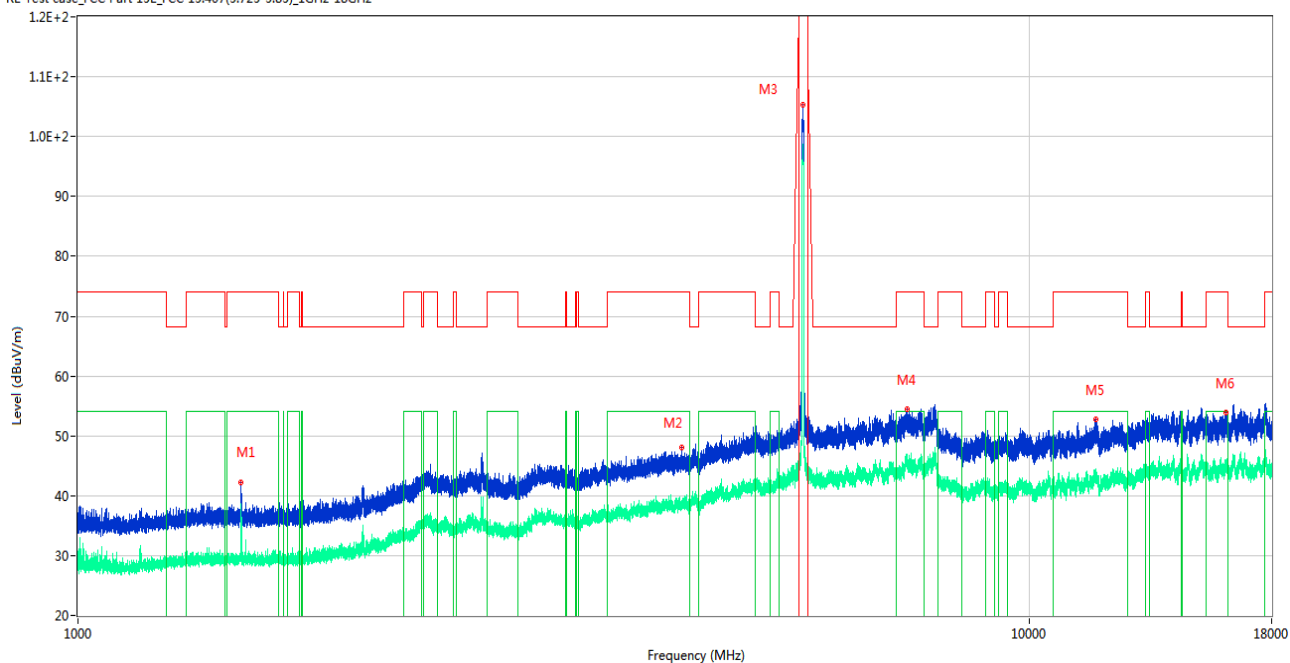
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1450.300	39.33	74.0	34.67	Peak	267.00	400	Vertical	Pass
1**	1450.300	29.96	54.0	24.04	AV	267.00	400	Vertical	Pass
2	4158.500	47.63	74.0	26.37	Peak	154.00	100	Vertical	Pass
2**	4158.500	38.90	54.0	15.10	AV	154.00	100	Vertical	Pass
3	5747.000	105.23	--	--	Peak	110.00	200	Vertical	N/A
3**	5747.000	97.95	--	--	AV	110.00	200	Vertical	N/A
4	7688.500	54.80	74.0	19.20	Peak	110.00	300	Vertical	Pass
4**	7688.500	45.34	54.0	8.66	AV	110.00	300	Vertical	Pass
5	12460.724	52.83	74.0	21.17	Peak	94.00	200	Vertical	Pass
5**	12460.724	43.45	54.0	10.55	AV	94.00	200	Vertical	Pass
6	15646.425	54.02	74.0	19.98	Peak	96.00	400	Vertical	Pass
6**	15646.425	44.61	54.0	9.39	AV	96.00	400	Vertical	Pass

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

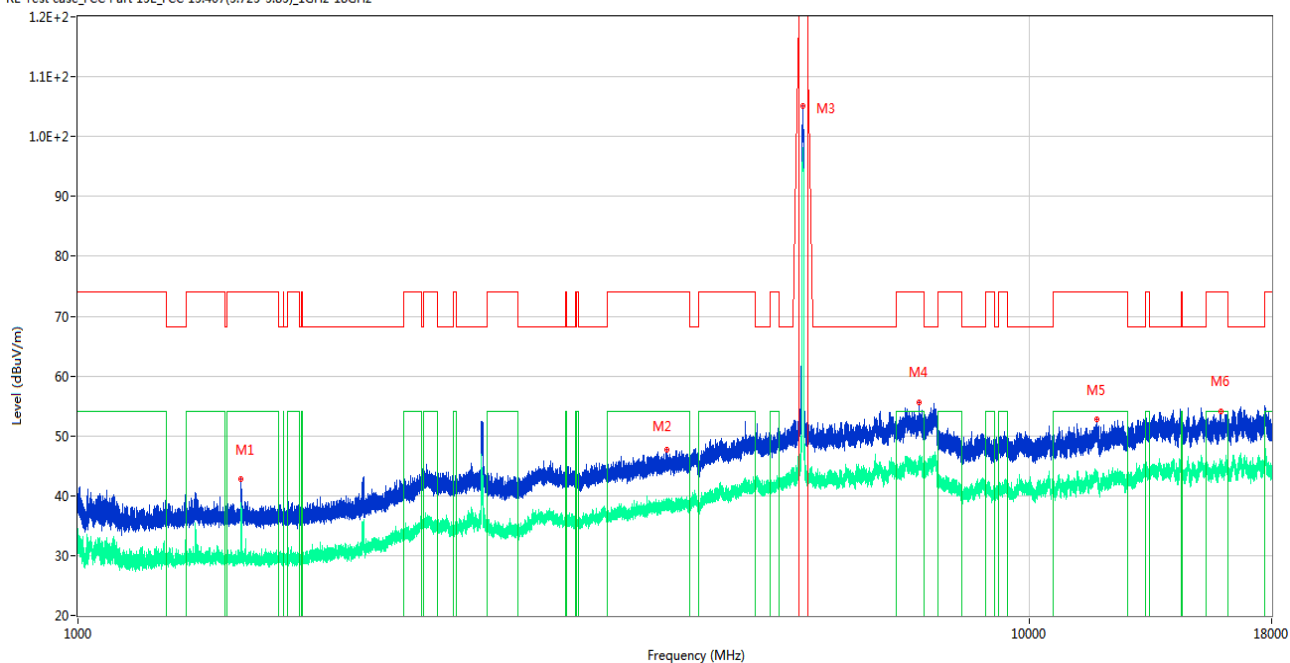
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	42.26	74.0	31.74	Peak	279.00	300	Horizontal	Pass
1**	1484.700	37.56	54.0	16.44	AV	279.00	300	Horizontal	Pass
2	4315.000	48.04	74.0	25.96	Peak	0.00	100	Horizontal	Pass
2**	4315.000	39.18	54.0	14.82	AV	0.00	100	Horizontal	Pass
3	5786.750	105.25	--	--	Peak	132.00	200	Horizontal	N/A
3**	5786.750	98.47	--	--	AV	132.00	200	Horizontal	N/A
4	7439.000	54.40	74.0	19.60	Peak	200.00	100	Horizontal	Pass
4**	7439.000	45.30	54.0	8.70	AV	200.00	100	Horizontal	Pass
5	11750.838	52.68	74.0	21.32	Peak	312.00	200	Horizontal	Pass
5**	11750.838	42.76	54.0	11.24	AV	312.00	200	Horizontal	Pass
6	16127.062	53.84	74.0	20.16	Peak	311.00	200	Horizontal	Pass
6**	16127.062	45.17	54.0	8.83	AV	311.00	200	Horizontal	Pass

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

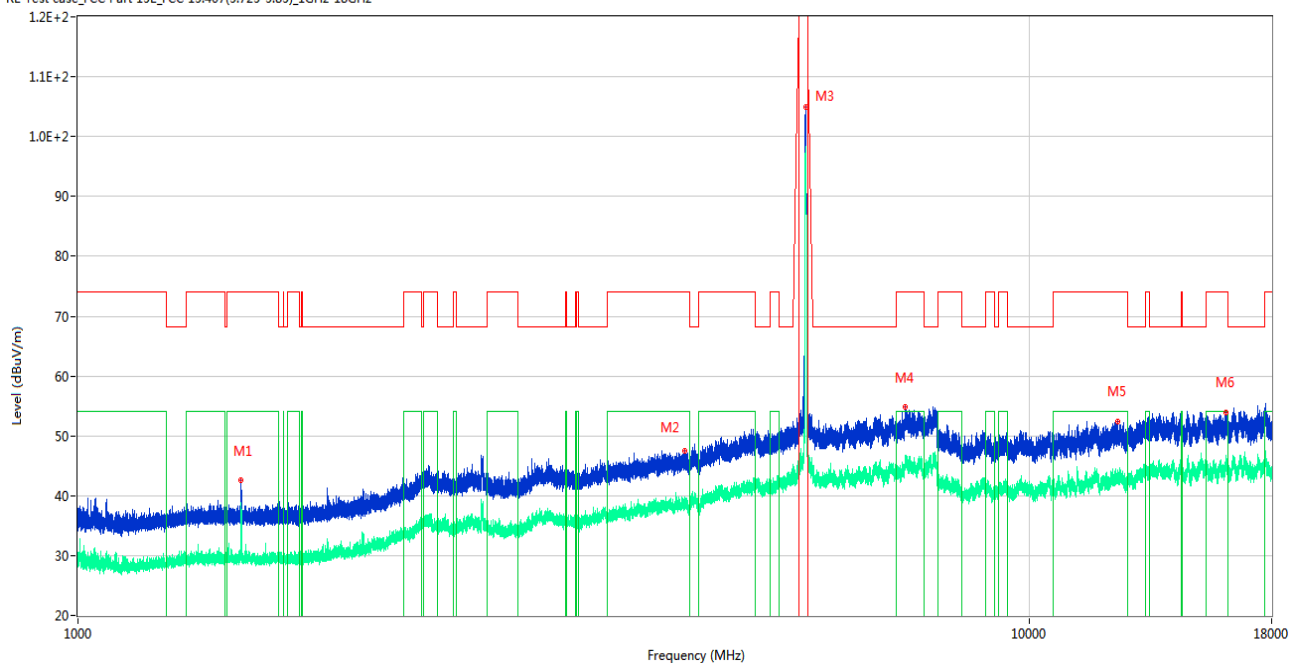
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.100	42.88	74.0	31.12	Peak	354.00	400	Vertical	Pass
1**	1485.100	38.58	54.0	15.42	AV	354.00	400	Vertical	Pass
2	4160.500	47.62	74.0	26.38	Peak	359.00	300	Vertical	Pass
2**	4160.500	37.99	54.0	16.01	AV	359.00	300	Vertical	Pass
3	5786.250	105.13	--	--	Peak	108.00	200	Vertical	N/A
3**	5786.250	98.15	--	--	AV	108.00	200	Vertical	N/A
4	7669.250	55.69	74.0	18.31	Peak	244.00	100	Vertical	Pass
4**	7669.250	44.61	54.0	9.39	AV	244.00	100	Vertical	Pass
5	11788.599	52.72	74.0	21.28	Peak	152.00	200	Vertical	Pass
5**	11788.599	42.82	54.0	11.18	AV	152.00	200	Vertical	Pass
6	15922.050	54.14	74.0	19.86	Peak	277.00	300	Vertical	Pass
6**	15922.050	45.15	54.0	8.85	AV	277.00	300	Vertical	Pass

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

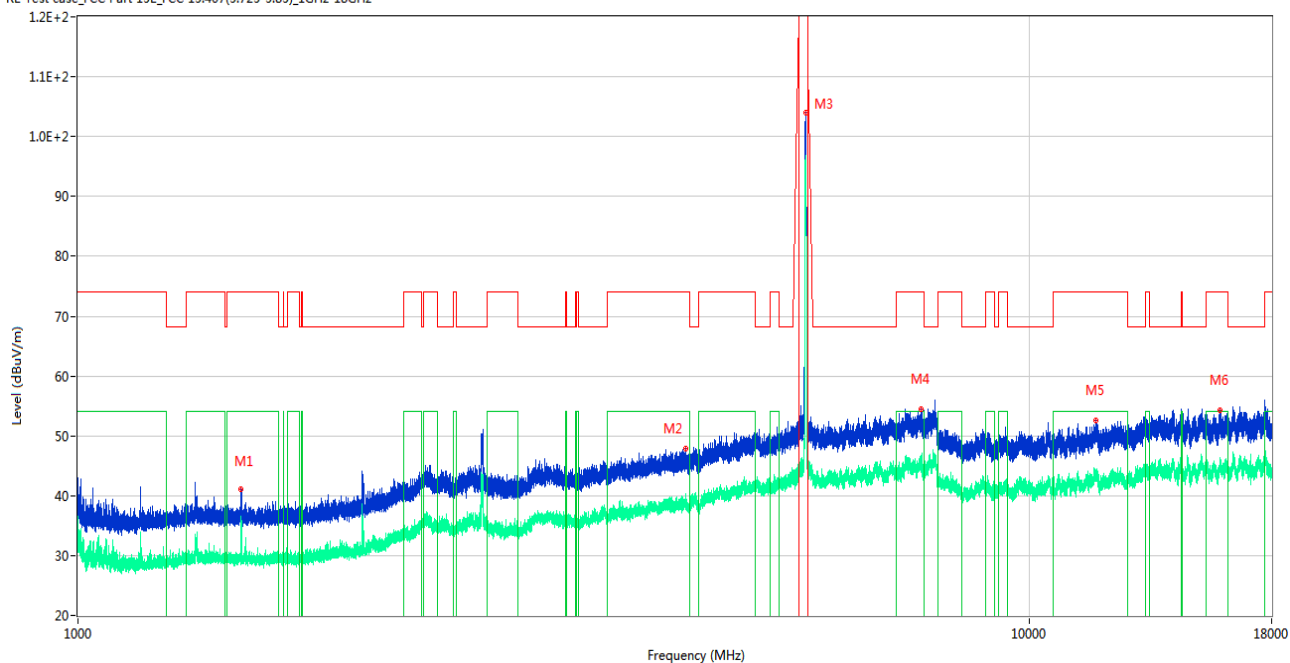
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	42.58	74.0	31.42	Peak	279.00	400	Horizontal	Pass
1**	1484.900	38.10	54.0	15.90	AV	279.00	400	Horizontal	Pass
2	4343.500	47.58	74.0	26.42	Peak	360.00	400	Horizontal	Pass
2**	4343.500	38.00	54.0	16.00	AV	360.00	400	Horizontal	Pass
3	5823.000	104.96	--	--	Peak	134.00	150	Horizontal	N/A
3**	5823.000	97.43	--	--	AV	134.00	150	Horizontal	N/A
4	7419.750	54.75	74.0	19.25	Peak	18.00	100	Horizontal	Pass
4**	7419.750	45.64	54.0	8.36	AV	18.00	100	Horizontal	Pass
5	12388.050	52.40	74.0	21.60	Peak	51.00	100	Horizontal	Pass
5**	12388.050	42.77	54.0	11.23	AV	51.00	100	Horizontal	Pass
6	16099.500	53.89	74.0	20.11	Peak	130.00	400	Horizontal	Pass
6**	16099.500	45.00	54.0	9.00	AV	130.00	400	Horizontal	Pass

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

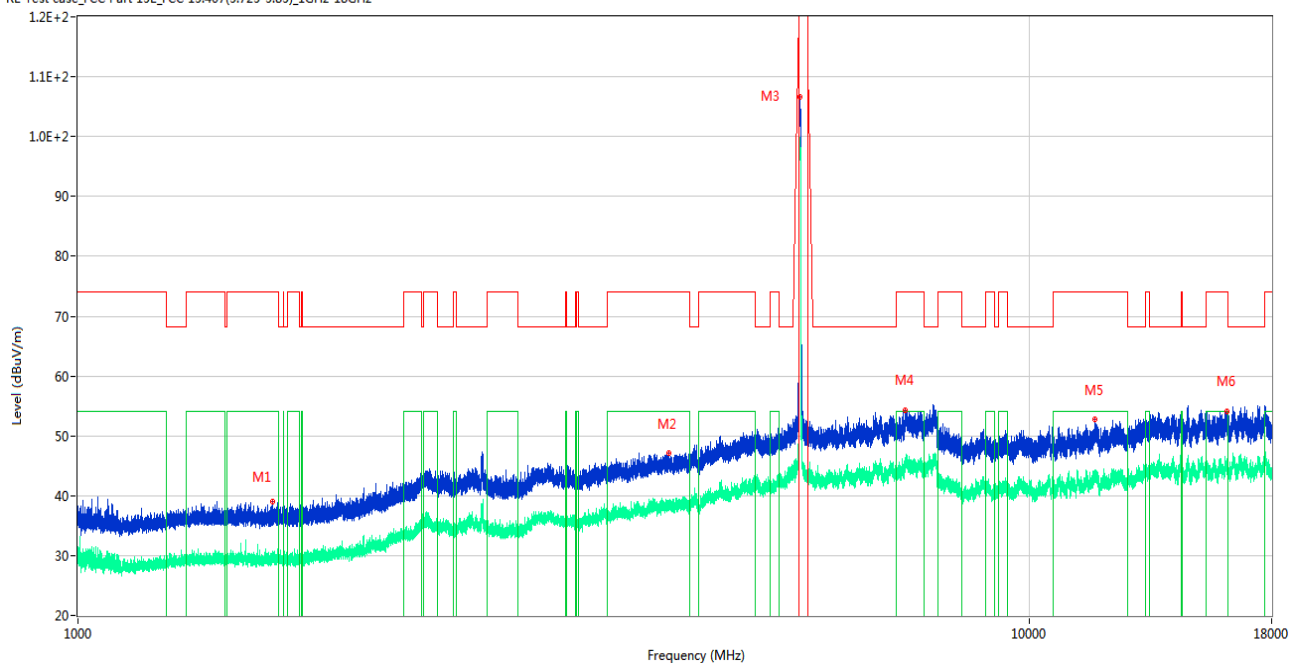
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	41.00	74.0	33.00	Peak	1.00	100	Vertical	Pass
1**	1484.800	36.44	54.0	17.56	AV	1.00	100	Vertical	Pass
2	4357.500	47.89	74.0	26.11	Peak	314.00	100	Vertical	Pass
2**	4357.500	38.43	54.0	15.57	AV	314.00	100	Vertical	Pass
3	5822.750	104.04	--	--	Peak	108.00	100	Vertical	N/A
3**	5822.750	96.70	--	--	AV	108.00	100	Vertical	N/A
4	7708.250	54.48	74.0	19.52	Peak	360.00	200	Vertical	Pass
4**	7708.250	45.22	54.0	8.78	AV	360.00	200	Vertical	Pass
5	11749.175	52.61	74.0	21.39	Peak	359.00	100	Vertical	Pass
5**	11749.175	43.96	54.0	10.04	AV	359.00	100	Vertical	Pass
6	15888.975	54.35	74.0	19.65	Peak	329.00	200	Vertical	Pass
6**	15888.975	44.89	54.0	9.11	AV	329.00	200	Vertical	Pass

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

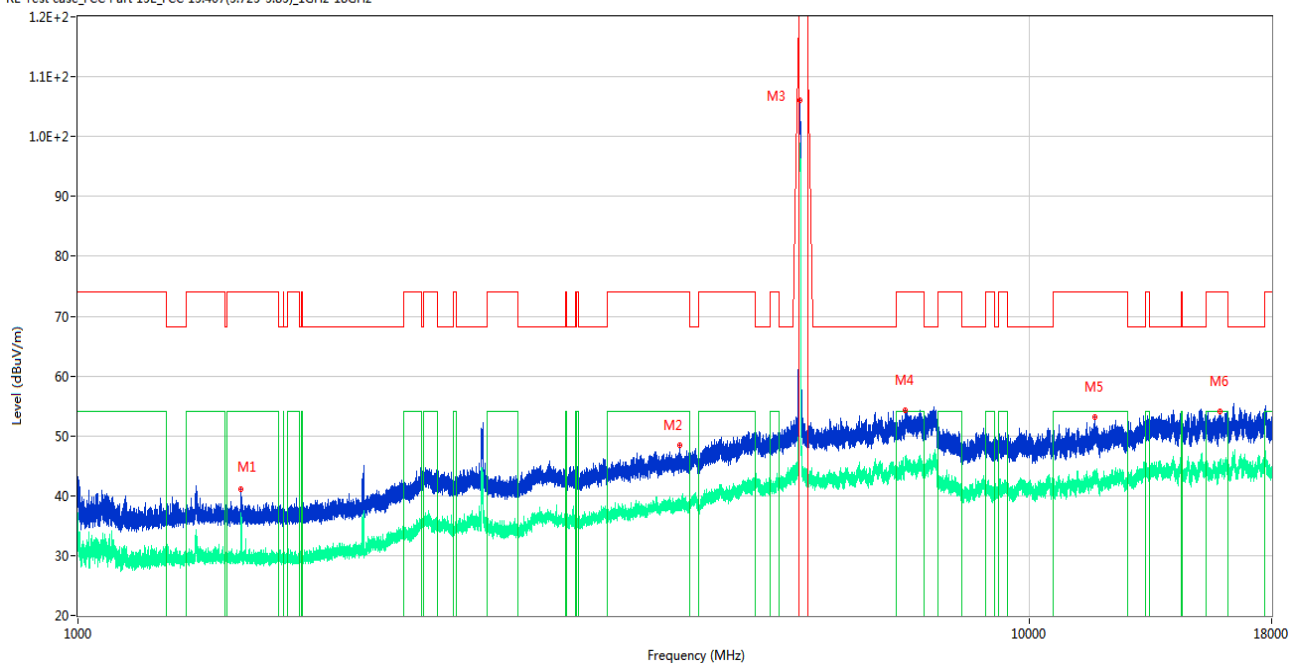
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.900	38.95	74.0	35.05	Peak	301.00	400	Horizontal	Pass
1**	1603.900	29.21	54.0	24.79	AV	301.00	400	Horizontal	Pass
2	4185.000	47.17	74.0	26.83	Peak	243.00	400	Horizontal	Pass
2**	4185.000	38.59	54.0	15.41	AV	243.00	400	Horizontal	Pass
3	5747.500	106.67	--	--	Peak	154.00	100	Horizontal	N/A
3**	5747.500	99.28	--	--	AV	154.00	100	Horizontal	N/A
4	7420.250	54.37	74.0	19.63	Peak	154.00	300	Horizontal	Pass
4**	7420.250	46.26	54.0	7.74	AV	154.00	300	Horizontal	Pass
5	11735.400	52.74	74.0	21.26	Peak	63.00	150	Horizontal	Pass
5**	11735.400	43.36	54.0	10.64	AV	63.00	150	Horizontal	Pass
6	16144.650	54.12	74.0	19.88	Peak	357.00	200	Horizontal	Pass
6**	16144.650	46.05	54.0	7.95	AV	357.00	200	Horizontal	Pass

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

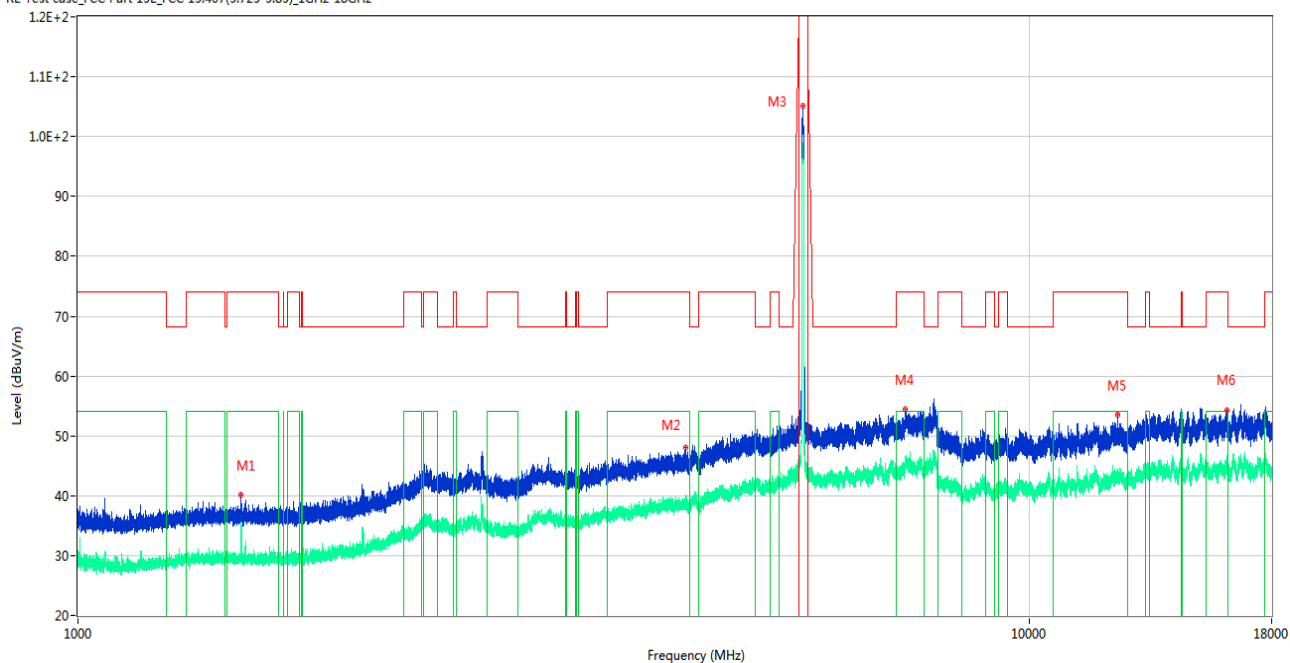
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	41.05	74.0	32.95	Peak	174.00	400	Vertical	Pass
1**	1485.000	37.09	54.0	16.91	AV	174.00	400	Vertical	Pass
2	4289.250	48.35	74.0	25.65	Peak	335.00	200	Vertical	Pass
2**	4289.250	38.36	54.0	15.64	AV	335.00	200	Vertical	Pass
3	5746.500	106.05	--	--	Peak	108.00	200	Vertical	N/A
3**	5746.500	98.92	--	--	AV	108.00	200	Vertical	N/A
4	7420.250	54.33	74.0	19.67	Peak	221.00	200	Vertical	Pass
4**	7420.250	46.49	54.0	7.51	AV	221.00	200	Vertical	Pass
5	11732.076	53.14	74.0	20.86	Peak	186.00	150	Vertical	Pass
5**	11732.076	42.80	54.0	11.20	AV	186.00	150	Vertical	Pass
6	15880.575	54.16	74.0	19.84	Peak	222.00	200	Vertical	Pass
6**	15880.575	44.09	54.0	9.91	AV	222.00	200	Vertical	Pass

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

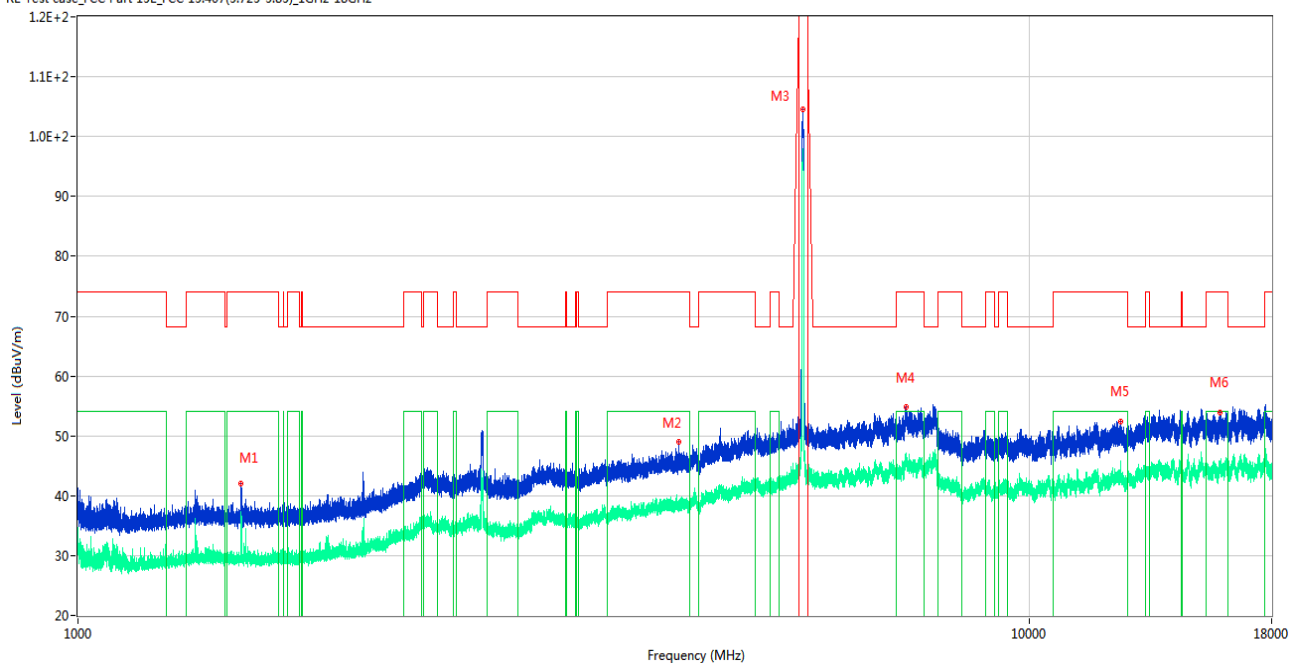
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.900	40.06	74.0	33.94	Peak	175.00	400	Horizontal	Pass
1**	1484.900	34.16	54.0	19.84	AV	175.00	400	Horizontal	Pass
2	4351.250	47.98	74.0	26.02	Peak	110.00	200	Horizontal	Pass
2**	4351.250	39.12	54.0	14.88	AV	110.00	200	Horizontal	Pass
3	5788.250	105.11	--	--	Peak	132.00	100	Horizontal	N/A
3**	5788.250	98.17	--	--	AV	132.00	100	Horizontal	N/A
4	7420.000	54.40	74.0	19.60	Peak	42.00	100	Horizontal	Pass
4**	7420.000	45.70	54.0	8.30	AV	42.00	100	Horizontal	Pass
5	12402.062	53.45	74.0	20.55	Peak	50.00	100	Horizontal	Pass
5**	12402.062	42.56	54.0	11.44	AV	50.00	100	Horizontal	Pass
6	16136.776	54.34	74.0	19.66	Peak	248.00	300	Horizontal	Pass
6**	16136.776	45.14	54.0	8.86	AV	248.00	300	Horizontal	Pass

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

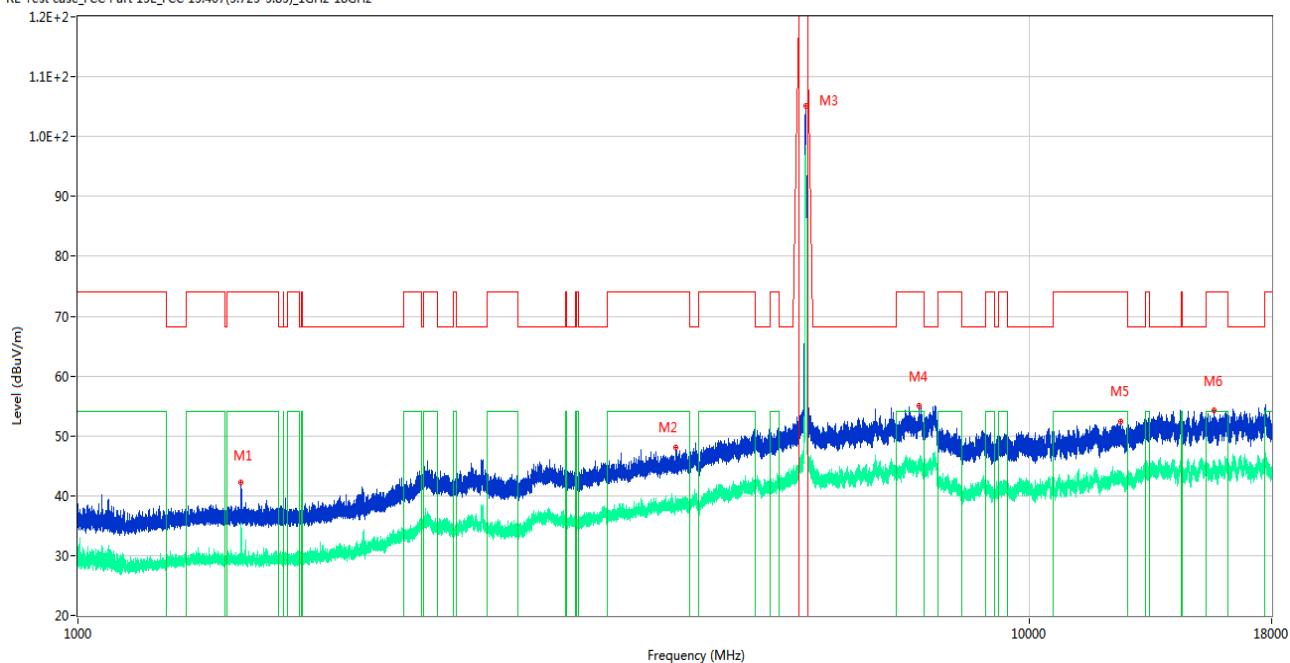
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	41.94	74.0	32.06	Peak	288.00	100	Vertical	Pass
1**	1484.700	36.36	54.0	17.64	AV	288.00	100	Vertical	Pass
2	4285.500	48.98	74.0	25.02	Peak	224.00	100	Vertical	Pass
2**	4285.500	38.77	54.0	15.23	AV	224.00	100	Vertical	Pass
3	5783.250	104.54	--	--	Peak	108.00	100	Vertical	N/A
3**	5783.250	97.24	--	--	AV	108.00	100	Vertical	N/A
4	7427.750	54.76	74.0	19.24	Peak	86.00	200	Vertical	Pass
4**	7427.750	46.55	54.0	7.45	AV	86.00	200	Vertical	Pass
5	12481.863	52.44	74.0	21.56	Peak	39.00	200	Vertical	Pass
5**	12481.863	43.68	54.0	10.32	AV	39.00	200	Vertical	Pass
6	15869.550	53.98	74.0	20.02	Peak	205.00	400	Vertical	Pass
6**	15869.550	44.21	54.0	9.79	AV	205.00	400	Vertical	Pass

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

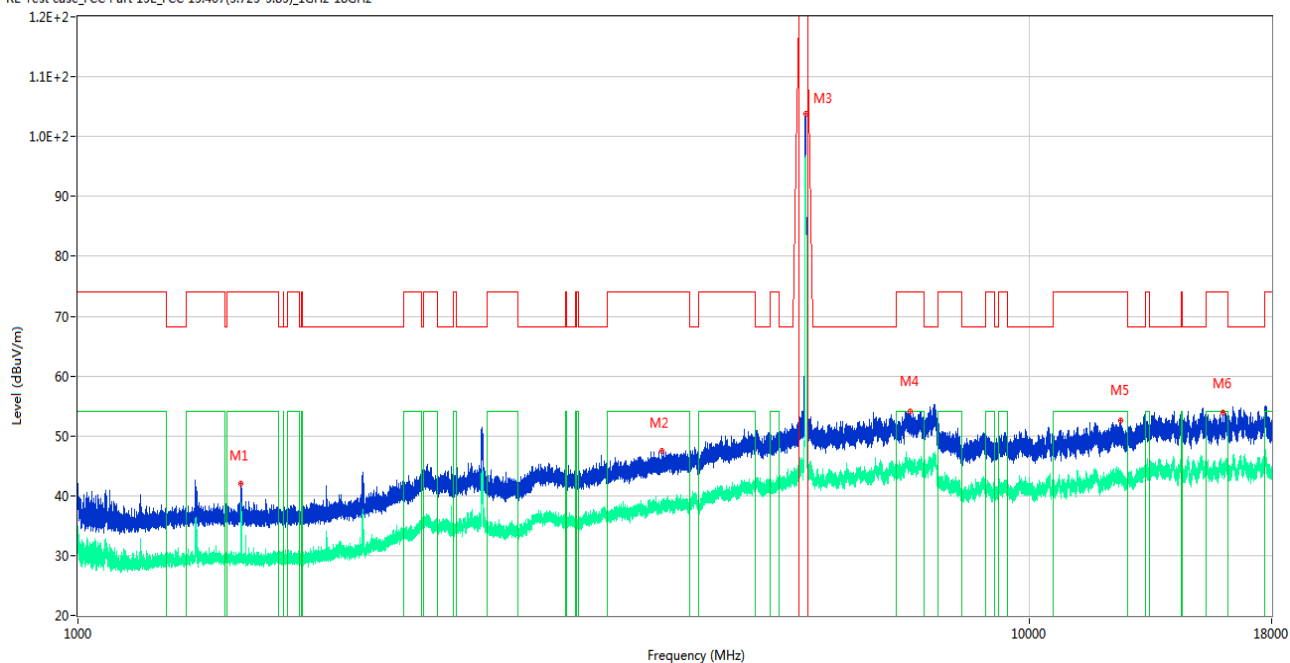
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	42.15	74.0	31.85	Peak	186.00	100	Horizontal	Pass
1**	1484.700	33.61	54.0	20.39	AV	186.00	100	Horizontal	Pass
2	4256.750	48.09	74.0	25.91	Peak	62.00	300	Horizontal	Pass
2**	4256.750	39.63	54.0	14.37	AV	62.00	300	Horizontal	Pass
3	5823.750	105.18	--	--	Peak	134.00	150	Horizontal	N/A
3**	5823.750	97.57	--	--	AV	134.00	150	Horizontal	N/A
4	7664.750	55.01	74.0	18.99	Peak	86.00	200	Horizontal	Pass
4**	7664.750	44.69	54.0	9.31	AV	86.00	200	Horizontal	Pass
5	12502.287	52.43	74.0	21.57	Peak	225.00	200	Horizontal	Pass
5**	12502.287	43.58	54.0	10.42	AV	225.00	200	Horizontal	Pass
6	15644.849	54.21	74.0	19.79	Peak	123.00	100	Horizontal	Pass
6**	15644.849	44.29	54.0	9.71	AV	123.00	100	Horizontal	Pass

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

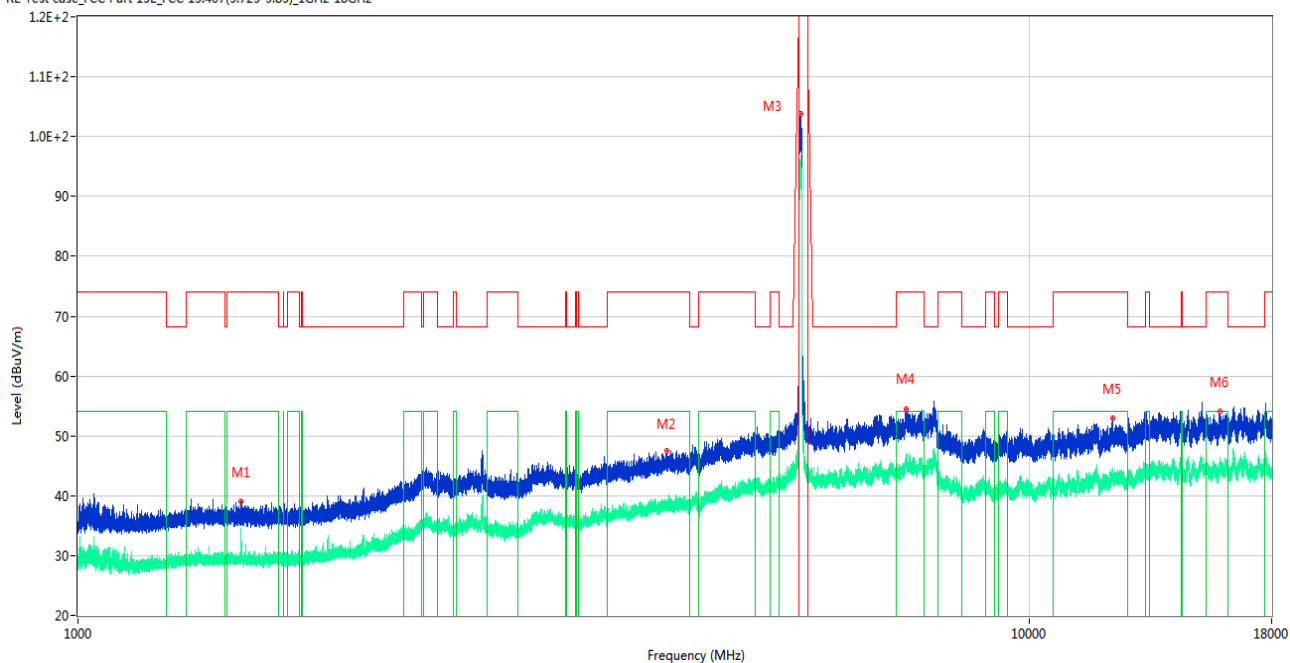
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	42.12	74.0	31.88	Peak	189.00	100	Vertical	Pass
1**	1485.000	38.77	54.0	15.23	AV	189.00	100	Vertical	Pass
2	4112.250	47.44	74.0	26.56	Peak	0.00	200	Vertical	Pass
2**	4112.250	38.77	54.0	15.23	AV	0.00	200	Vertical	Pass
3	5823.750	103.85	--	--	Peak	108.00	200	Vertical	N/A
3**	5823.750	96.54	--	--	AV	108.00	200	Vertical	N/A
4	7509.000	54.12	74.0	19.88	Peak	132.00	300	Vertical	Pass
4**	7509.000	45.13	54.0	8.87	AV	132.00	300	Vertical	Pass
5	12496.588	52.59	74.0	21.41	Peak	220.00	100	Vertical	Pass
5**	12496.588	42.31	54.0	11.69	AV	220.00	100	Vertical	Pass
6	16013.924	53.87	74.0	20.13	Peak	296.00	100	Vertical	Pass
6**	16013.924	44.06	54.0	9.94	AV	296.00	100	Vertical	Pass

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

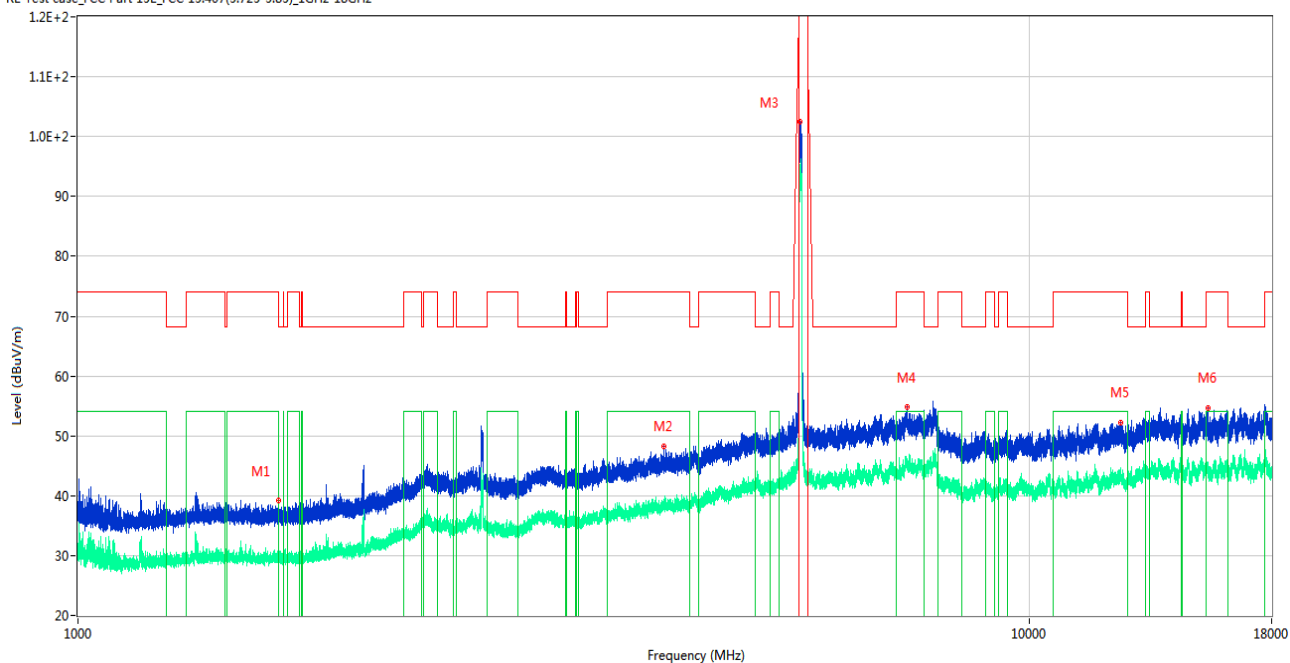
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	39.02	74.0	34.98	Peak	310.00	100	Horizontal	Pass
1**	1484.700	32.97	54.0	21.03	AV	310.00	100	Horizontal	Pass
2	4164.000	47.56	74.0	26.44	Peak	40.00	200	Horizontal	Pass
2**	4164.000	37.77	54.0	16.23	AV	40.00	200	Horizontal	Pass
3	5753.000	103.85	--	--	Peak	132.00	100	Horizontal	N/A
3**	5753.000	95.95	--	--	AV	132.00	100	Horizontal	N/A
4	7422.750	54.51	74.0	19.49	Peak	64.00	200	Horizontal	Pass
4**	7422.750	46.97	54.0	7.03	AV	64.00	200	Horizontal	Pass
5	12252.200	52.88	74.0	21.12	Peak	24.00	100	Horizontal	Pass
5**	12252.200	43.13	54.0	10.87	AV	24.00	100	Horizontal	Pass
6	15900.787	54.05	74.0	19.95	Peak	124.00	400	Horizontal	Pass
6**	15900.787	45.24	54.0	8.76	AV	124.00	400	Horizontal	Pass

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

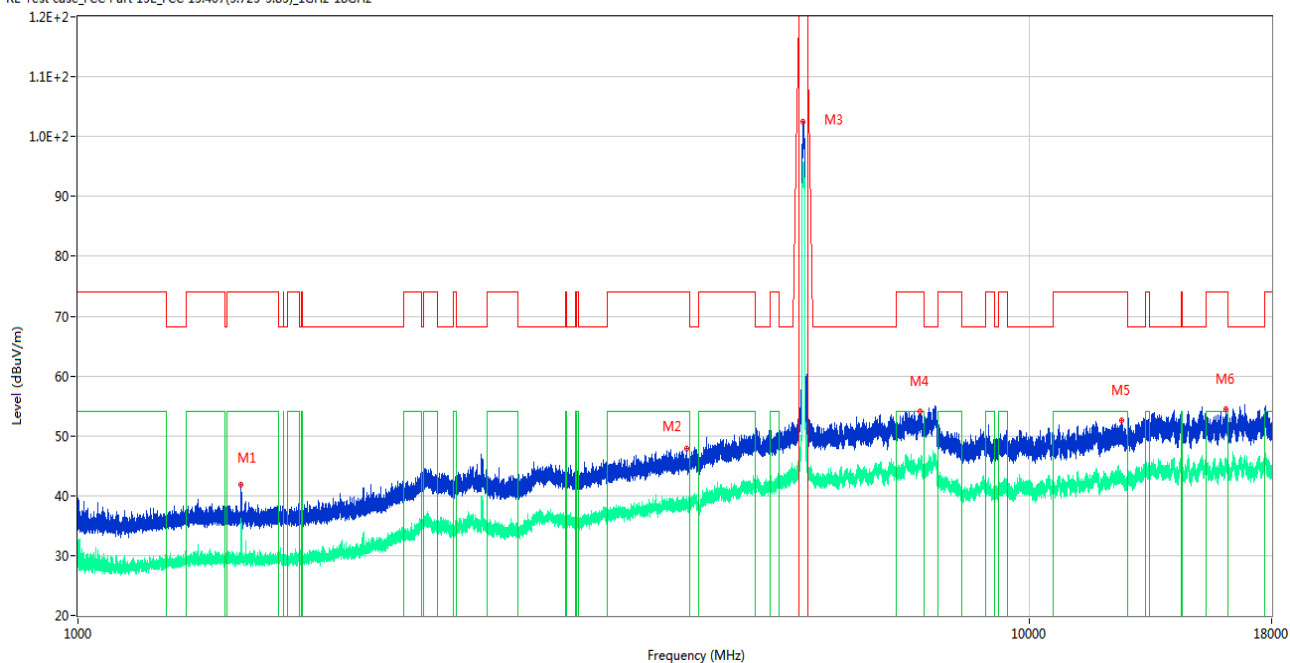
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.200	39.28	74.0	34.72	Peak	276.00	400	Vertical	Pass
1**	1625.200	33.02	54.0	20.98	AV	276.00	400	Vertical	Pass
2	4134.750	48.17	74.0	25.83	Peak	62.00	400	Vertical	Pass
2**	4134.750	38.35	54.0	15.65	AV	62.00	400	Vertical	Pass
3	5750.750	102.55	--	--	Peak	108.00	200	Vertical	N/A
3**	5750.750	95.00	--	--	AV	108.00	200	Vertical	N/A
4	7441.750	54.78	74.0	19.22	Peak	198.00	100	Vertical	Pass
4**	7441.750	45.49	54.0	8.51	AV	198.00	100	Vertical	Pass
5	12500.388	52.28	74.0	21.72	Peak	50.00	200	Vertical	Pass
5**	12500.388	42.86	54.0	11.14	AV	50.00	200	Vertical	Pass
6	15414.112	54.71	74.0	19.29	Peak	190.00	200	Vertical	Pass
6**	15414.112	45.17	54.0	8.83	AV	190.00	200	Vertical	Pass

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

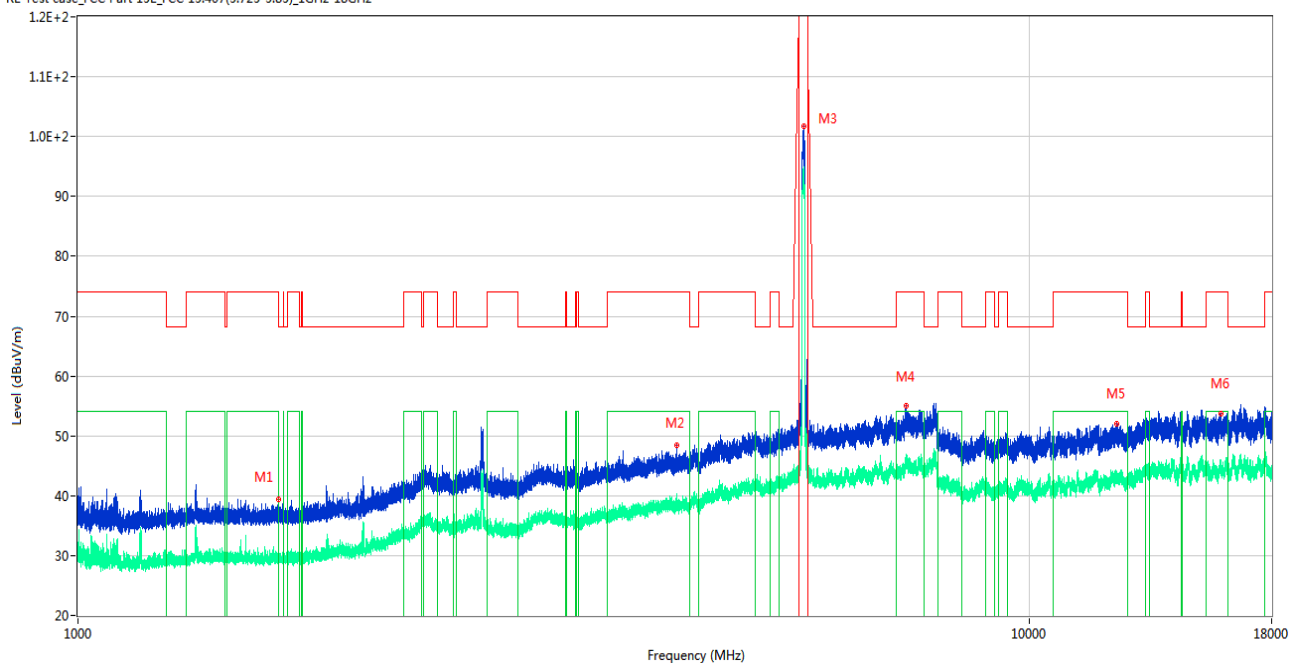
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.200	41.90	74.0	32.10	Peak	266.00	200	Horizontal	Pass
1**	1485.200	36.09	54.0	17.91	AV	266.00	200	Horizontal	Pass
2	4367.750	47.84	74.0	26.16	Peak	132.00	300	Horizontal	Pass
2**	4367.750	39.35	54.0	14.65	AV	132.00	300	Horizontal	Pass
3	5791.000	102.51	--	--	Peak	132.00	200	Horizontal	N/A
3**	5791.000	94.98	--	--	AV	132.00	200	Horizontal	N/A
4	7686.750	54.15	74.0	19.85	Peak	18.00	300	Horizontal	Pass
4**	7686.750	44.81	54.0	9.19	AV	18.00	300	Horizontal	Pass
5	12505.375	52.65	74.0	21.35	Peak	124.00	200	Horizontal	Pass
5**	12505.375	42.76	54.0	11.24	AV	124.00	200	Horizontal	Pass
6	16103.700	54.54	74.0	19.46	Peak	0.00	300	Horizontal	Pass
6**	16103.700	44.95	54.0	9.05	AV	0.00	300	Horizontal	Pass

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

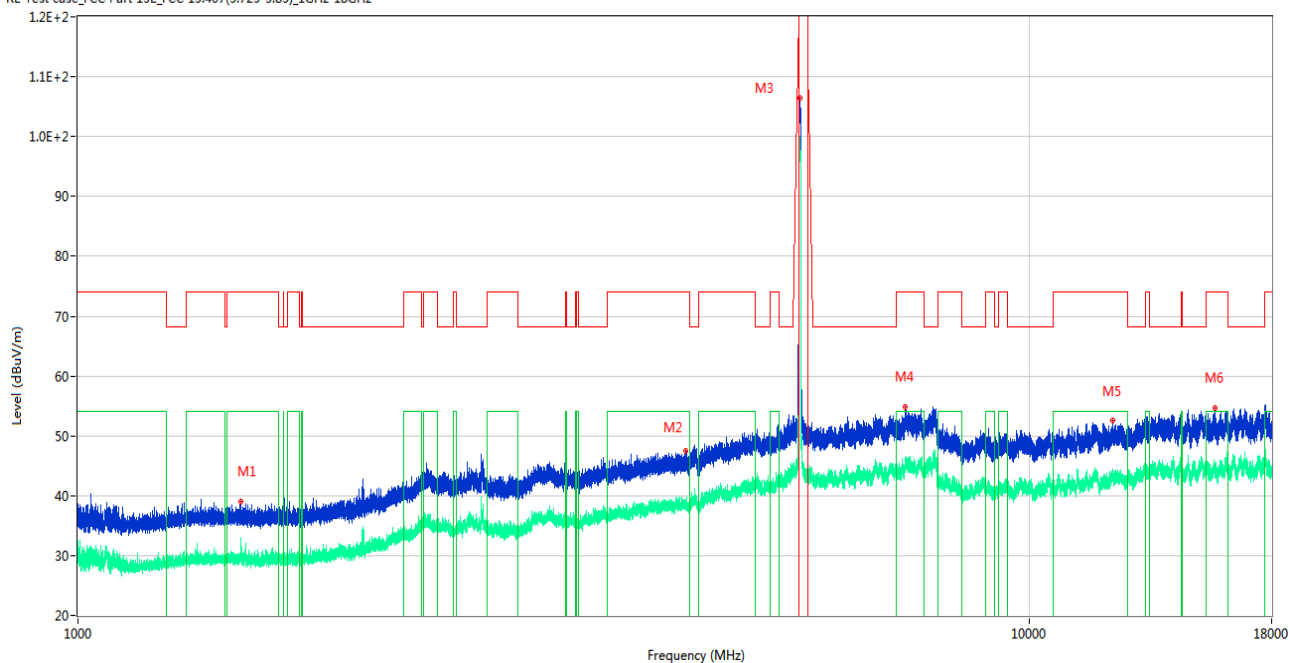
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1623.500	39.42	74.0	34.58	Peak	360.00	300	Vertical	Pass
1**	1623.500	30.30	54.0	23.70	AV	360.00	300	Vertical	Pass
2	4259.500	48.38	74.0	25.62	Peak	86.00	300	Vertical	Pass
2**	4259.500	38.65	54.0	15.35	AV	86.00	300	Vertical	Pass
3	5797.000	101.76	--	--	Peak	108.00	150	Vertical	N/A
3**	5797.000	93.04	--	--	AV	108.00	150	Vertical	N/A
4	7426.750	54.99	74.0	19.01	Peak	359.00	400	Vertical	Pass
4**	7426.750	45.79	54.0	8.21	AV	359.00	400	Vertical	Pass
5	12364.300	52.06	74.0	21.94	Peak	77.00	150	Vertical	Pass
5**	12364.300	42.38	54.0	11.62	AV	77.00	150	Vertical	Pass
6	15906.037	53.79	74.0	20.21	Peak	360.00	400	Vertical	Pass
6**	15906.037	45.54	54.0	8.46	AV	360.00	400	Vertical	Pass

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

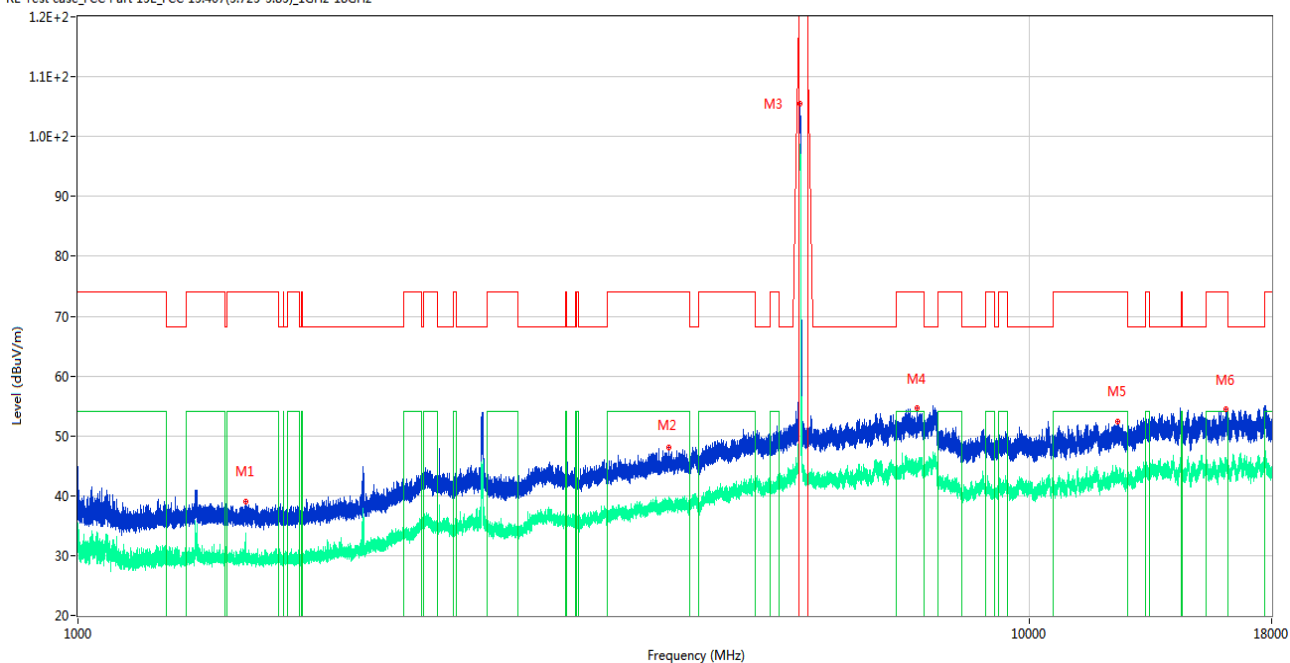
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1483.300	39.10	74.0	34.90	Peak	312.00	200	Horizontal	Pass
1**	1483.300	31.04	54.0	22.96	AV	312.00	200	Horizontal	Pass
2	4357.000	47.55	74.0	26.45	Peak	336.00	100	Horizontal	Pass
2**	4357.000	38.89	54.0	15.11	AV	336.00	100	Horizontal	Pass
3	5743.750	106.41	--	--	Peak	154.00	100	Horizontal	N/A
3**	5743.750	98.80	--	--	AV	154.00	100	Horizontal	N/A
4	7409.250	54.88	74.0	19.12	Peak	198.00	300	Horizontal	Pass
4**	7409.250	45.43	54.0	8.57	AV	198.00	300	Horizontal	Pass
5	12250.063	52.56	74.0	21.44	Peak	5.00	200	Horizontal	Pass
5**	12250.063	43.04	54.0	10.96	AV	5.00	200	Horizontal	Pass
6	15689.475	54.72	74.0	19.28	Peak	188.00	100	Horizontal	Pass
6**	15689.475	44.53	54.0	9.47	AV	188.00	100	Horizontal	Pass

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

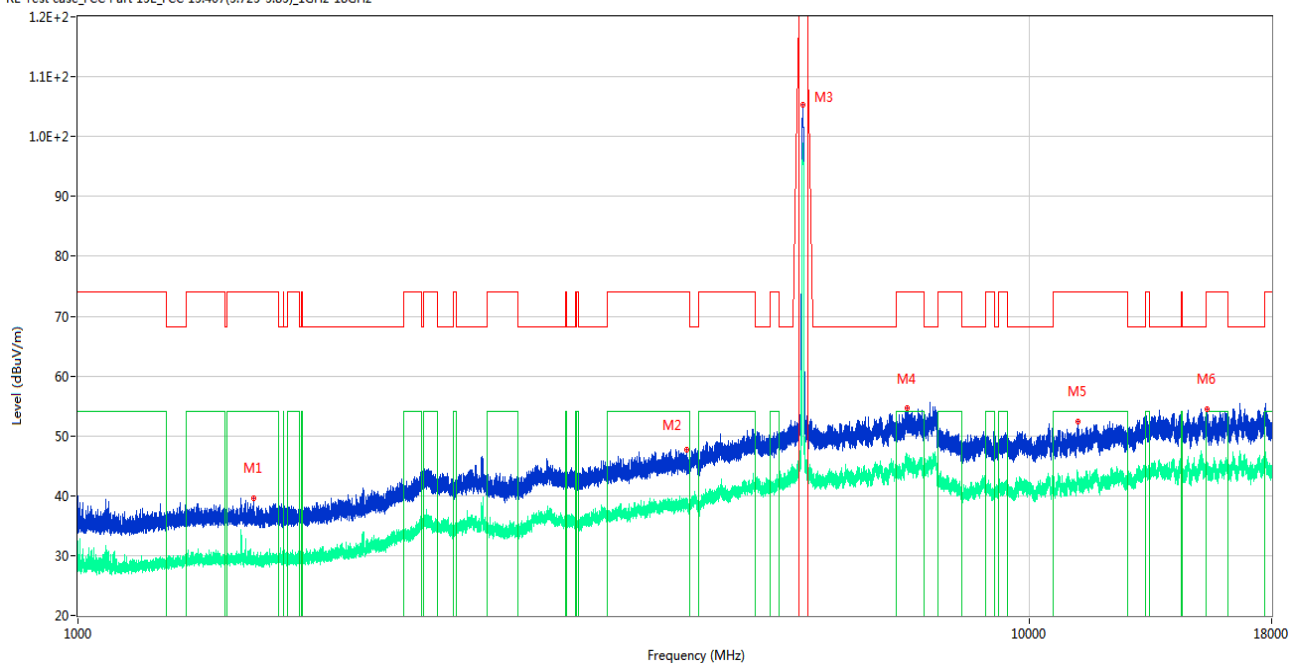
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.200	39.02	74.0	34.98	Peak	354.00	100	Vertical	Pass
1**	1500.200	32.88	54.0	21.12	AV	354.00	100	Vertical	Pass
2	4184.500	47.98	74.0	26.02	Peak	360.00	400	Vertical	Pass
2**	4184.500	38.83	54.0	15.17	AV	360.00	400	Vertical	Pass
3	5746.750	105.45	--	--	Peak	108.00	200	Vertical	N/A
3**	5746.750	98.65	--	--	AV	108.00	200	Vertical	N/A
4	7627.000	54.62	74.0	19.38	Peak	243.00	100	Vertical	Pass
4**	7627.000	44.08	54.0	9.92	AV	243.00	100	Vertical	Pass
5	12407.050	52.46	74.0	21.54	Peak	124.00	100	Vertical	Pass
5**	12407.050	43.06	54.0	10.94	AV	124.00	100	Vertical	Pass
6	16116.037	54.39	74.0	19.61	Peak	169.00	300	Vertical	Pass
6**	16116.037	44.86	54.0	9.14	AV	169.00	300	Vertical	Pass

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

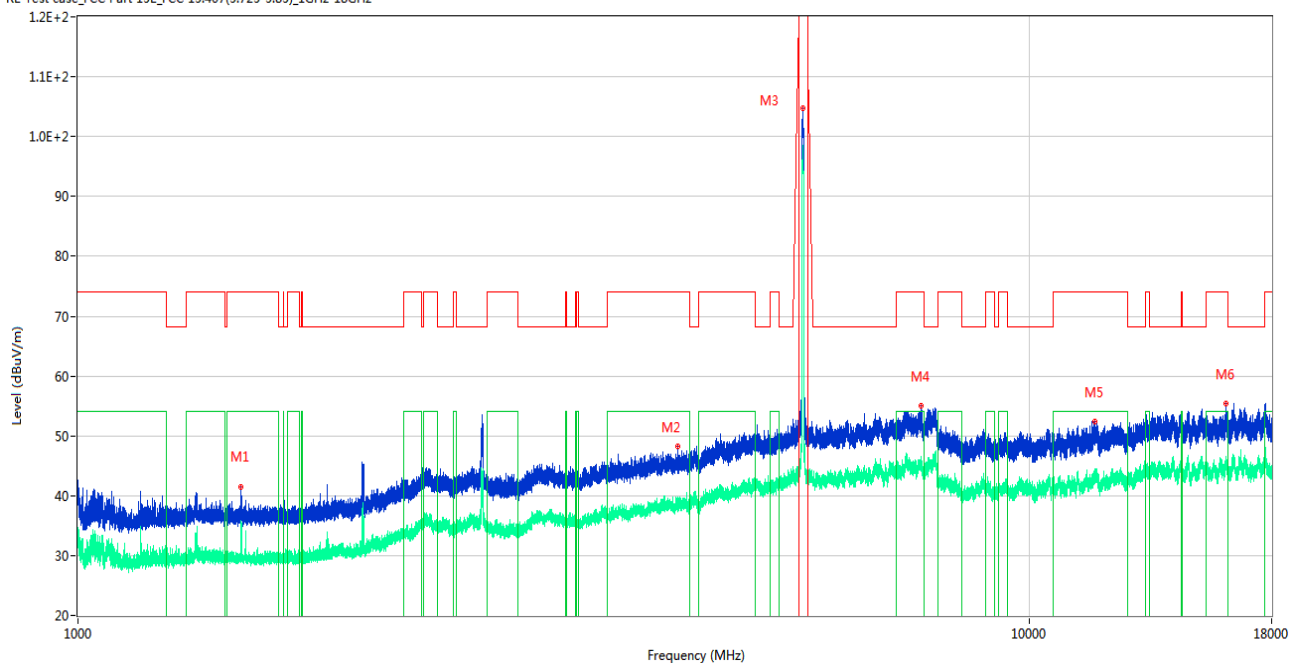
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1530.800	39.68	74.0	34.32	Peak	321.00	400	Horizontal	Pass
1**	1530.800	30.24	54.0	23.76	AV	321.00	400	Horizontal	Pass
2	4368.000	47.73	74.0	26.27	Peak	110.00	400	Horizontal	Pass
2**	4368.000	38.68	54.0	15.32	AV	110.00	400	Horizontal	Pass
3	5786.500	105.23	--	--	Peak	110.00	150	Horizontal	N/A
3**	5786.500	98.79	--	--	AV	110.00	150	Horizontal	N/A
4	7449.750	54.57	74.0	19.43	Peak	88.00	400	Horizontal	Pass
4**	7449.750	44.88	54.0	9.12	AV	88.00	400	Horizontal	Pass
5	11251.138	52.40	74.0	21.60	Peak	360.00	100	Horizontal	Pass
5**	11251.138	43.05	54.0	10.95	AV	360.00	100	Horizontal	Pass
6	15400.988	54.47	74.0	19.53	Peak	328.00	200	Horizontal	Pass
6**	15400.988	44.00	54.0	10.00	AV	328.00	200	Horizontal	Pass

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

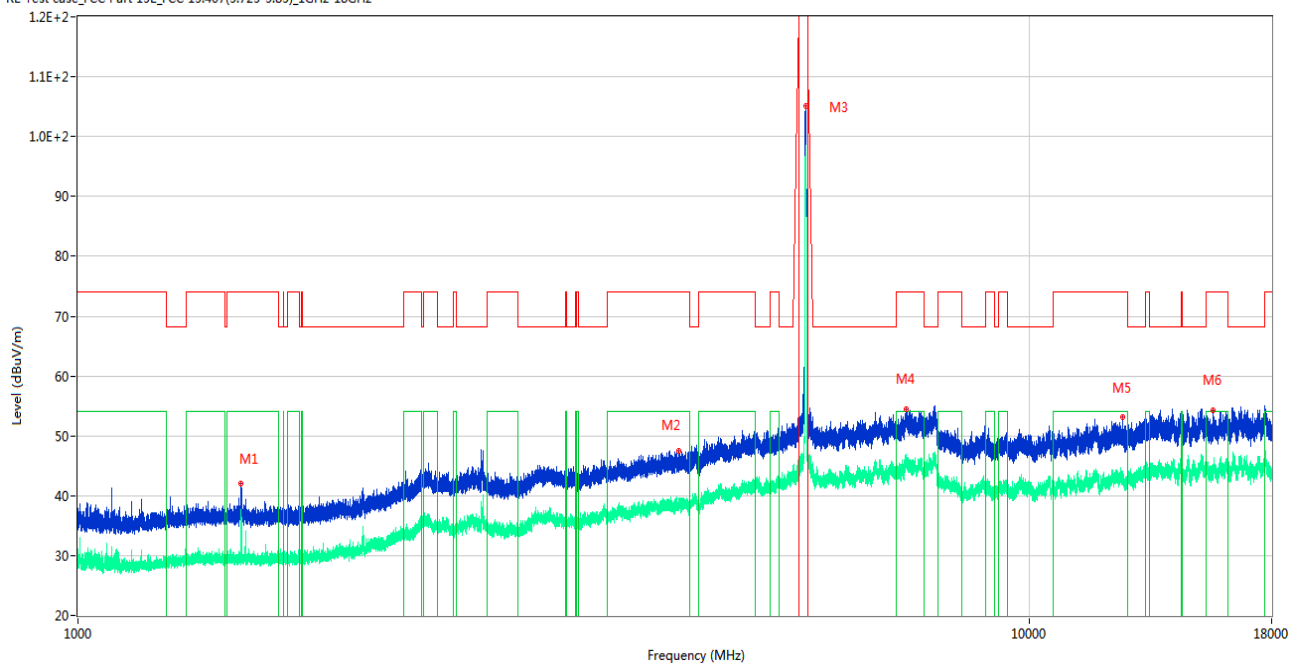
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.600	41.46	74.0	32.54	Peak	269.00	400	Vertical	Pass
1**	1484.600	34.20	54.0	19.80	AV	269.00	400	Vertical	Pass
2	4273.750	48.17	74.0	25.83	Peak	40.00	400	Vertical	Pass
2**	4273.750	39.08	54.0	14.92	AV	40.00	400	Vertical	Pass
3	5786.750	104.75	--	--	Peak	106.00	200	Vertical	N/A
3**	5786.750	97.23	--	--	AV	106.00	200	Vertical	N/A
4	7695.000	54.97	74.0	19.03	Peak	333.00	300	Vertical	Pass
4**	7695.000	44.75	54.0	9.25	AV	333.00	300	Vertical	Pass
5	11721.862	52.35	74.0	21.65	Peak	305.00	150	Vertical	Pass
5**	11721.862	42.22	54.0	11.78	AV	305.00	150	Vertical	Pass
6	16129.950	55.37	74.0	18.63	Peak	40.00	100	Vertical	Pass
6**	16129.950	44.66	54.0	9.34	AV	40.00	100	Vertical	Pass

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

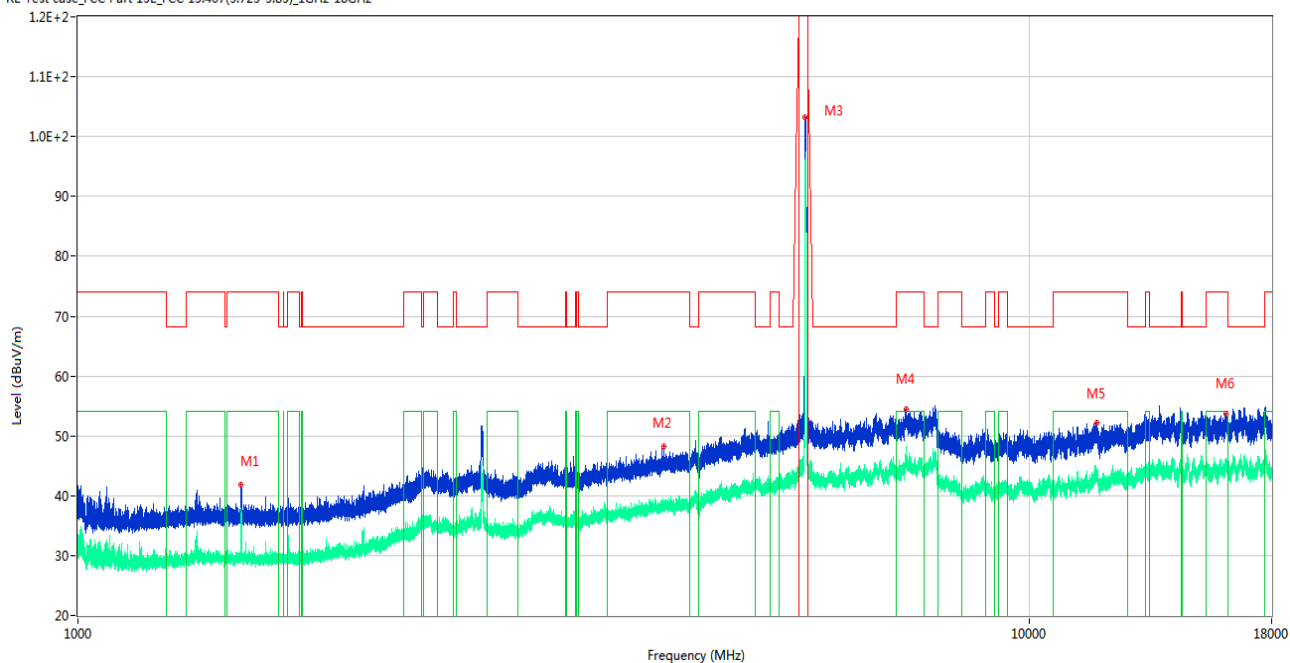
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	41.97	74.0	32.03	Peak	135.00	200	Horizontal	Pass
1**	1484.700	37.63	54.0	16.37	AV	135.00	200	Horizontal	Pass
2	4279.750	47.52	74.0	26.48	Peak	360.00	100	Horizontal	Pass
2**	4279.750	38.23	54.0	15.77	AV	360.00	100	Horizontal	Pass
3	5826.500	105.09	--	--	Peak	152.00	150	Horizontal	N/A
3**	5826.500	98.62	--	--	AV	152.00	150	Horizontal	N/A
4	7427.750	54.48	74.0	19.52	Peak	16.00	400	Horizontal	Pass
4**	7427.750	46.18	54.0	7.82	AV	16.00	400	Horizontal	Pass
5	12553.588	53.10	74.0	20.90	Peak	316.00	200	Horizontal	Pass
5**	12553.588	43.51	54.0	10.49	AV	316.00	200	Horizontal	Pass
6	15616.238	54.31	74.0	19.69	Peak	86.00	200	Horizontal	Pass
6**	15616.238	44.55	54.0	9.45	AV	86.00	200	Horizontal	Pass

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

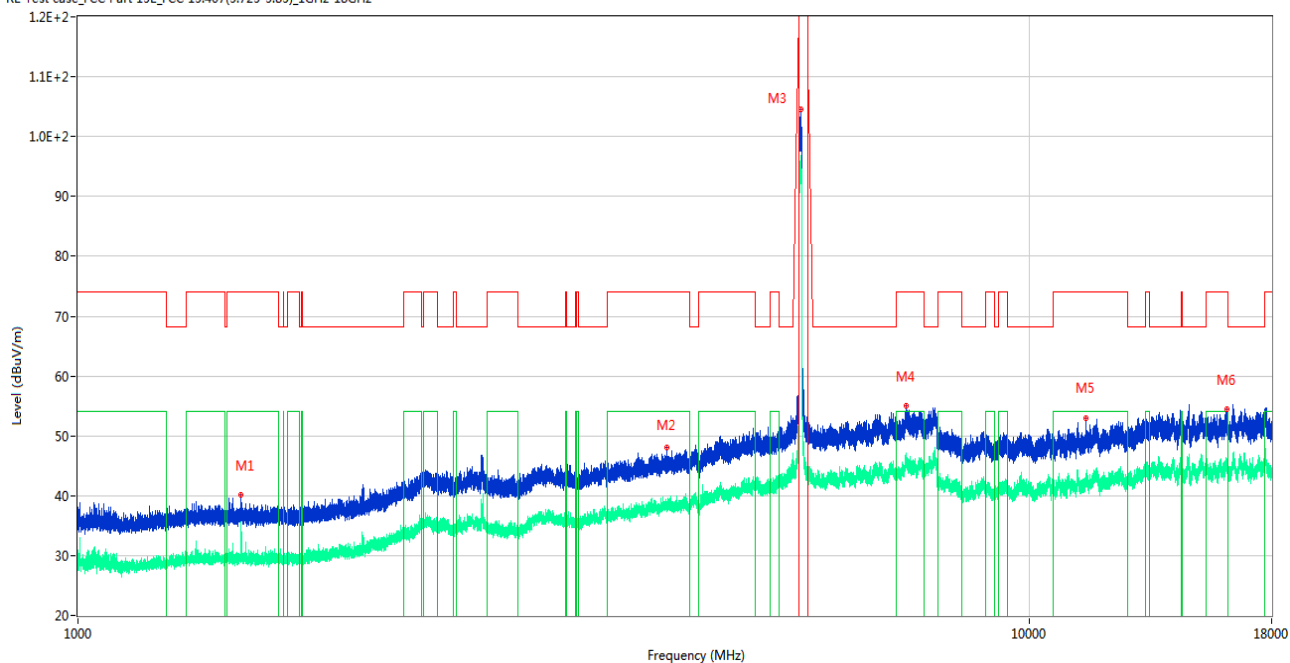
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	41.81	74.0	32.19	Peak	162.00	200	Vertical	Pass
1**	1485.000	37.86	54.0	16.14	AV	162.00	200	Vertical	Pass
2	4132.500	48.29	74.0	25.71	Peak	331.00	100	Vertical	Pass
2**	4132.500	38.37	54.0	15.63	AV	331.00	100	Vertical	Pass
3	5820.000	103.24	--	--	Peak	106.00	150	Vertical	N/A
3**	5820.000	95.63	--	--	AV	106.00	150	Vertical	N/A
4	7428.750	54.55	74.0	19.45	Peak	0.00	200	Vertical	Pass
4**	7428.750	46.46	54.0	7.54	AV	0.00	200	Vertical	Pass
5	11780.050	52.18	74.0	21.82	Peak	323.00	200	Vertical	Pass
5**	11780.050	43.03	54.0	10.97	AV	323.00	200	Vertical	Pass
6	16097.925	53.78	74.0	20.22	Peak	212.00	400	Vertical	Pass
6**	16097.925	45.06	54.0	8.94	AV	212.00	400	Vertical	Pass

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

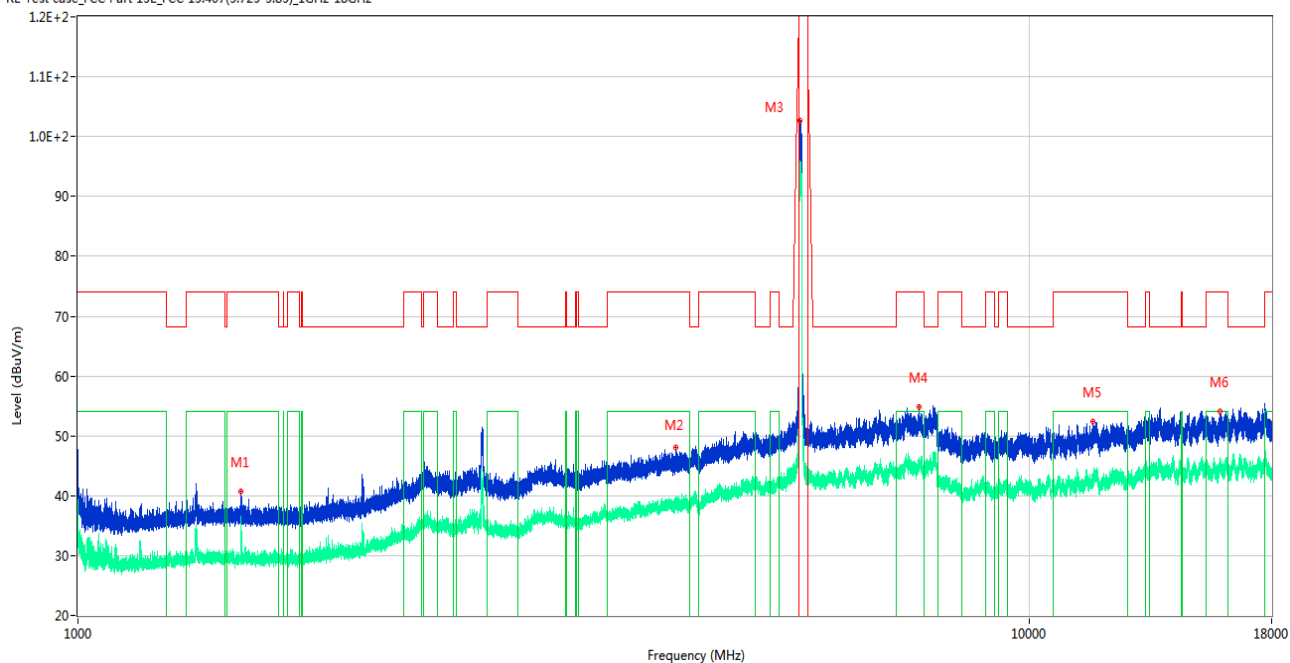
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	40.08	74.0	33.92	Peak	322.00	200	Horizontal	Pass
1**	1484.800	35.72	54.0	18.28	AV	322.00	200	Horizontal	Pass
2	4166.000	47.97	74.0	26.03	Peak	360.00	400	Horizontal	Pass
2**	4166.000	38.50	54.0	15.50	AV	360.00	400	Horizontal	Pass
3	5758.000	104.56	--	--	Peak	111.00	200	Horizontal	N/A
3**	5758.000	95.99	--	--	AV	111.00	200	Horizontal	N/A
4	7426.000	54.95	74.0	19.05	Peak	360.00	200	Horizontal	Pass
4**	7426.000	46.91	54.0	7.09	AV	360.00	200	Horizontal	Pass
5	11493.387	52.98	74.0	21.02	Peak	61.00	100	Horizontal	Pass
5**	11493.387	42.19	54.0	11.81	AV	61.00	100	Horizontal	Pass
6	16143.075	54.38	74.0	19.62	Peak	360.00	100	Horizontal	Pass
6**	16143.075	44.78	54.0	9.22	AV	360.00	100	Horizontal	Pass

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

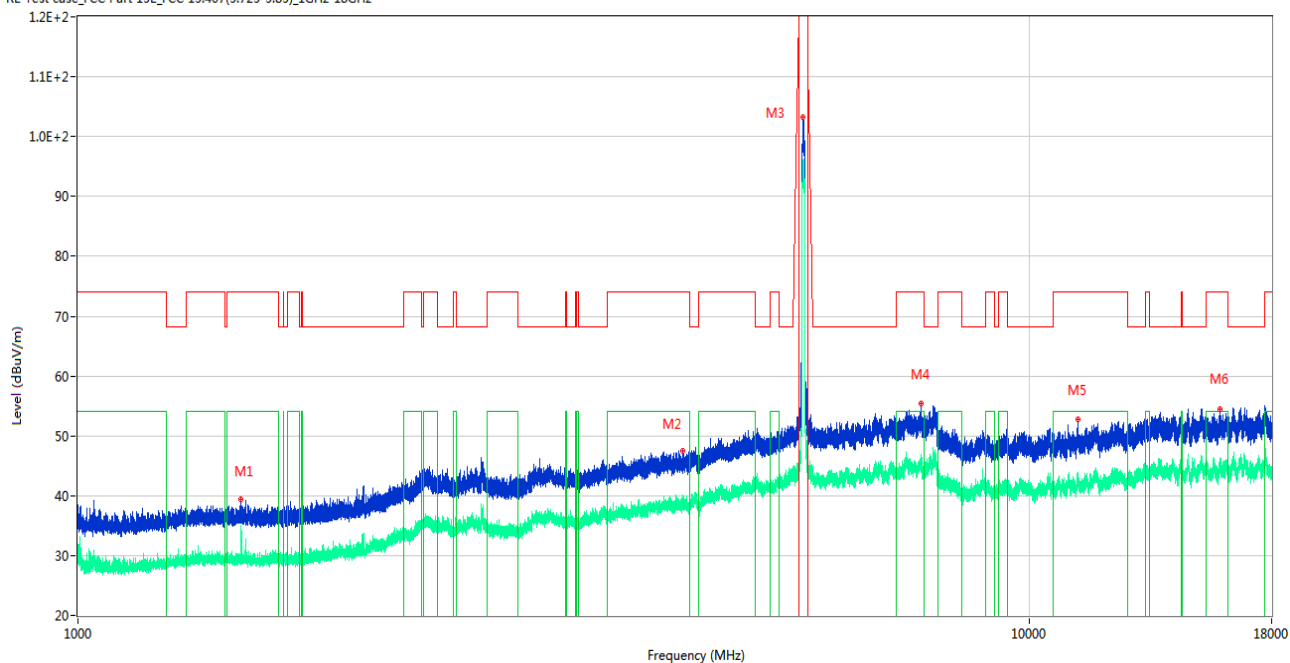
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.000	40.68	74.0	33.32	Peak	123.00	100	Vertical	Pass
1**	1485.000	35.60	54.0	18.40	AV	123.00	100	Vertical	Pass
2	4257.000	48.12	74.0	25.88	Peak	130.00	400	Vertical	Pass
2**	4257.000	38.86	54.0	15.14	AV	130.00	400	Vertical	Pass
3	5750.500	102.71	--	--	Peak	108.00	150	Vertical	N/A
3**	5750.500	95.68	--	--	AV	108.00	150	Vertical	N/A
4	7666.750	54.75	74.0	19.25	Peak	313.00	300	Vertical	Pass
4**	7666.750	45.76	54.0	8.24	AV	313.00	300	Vertical	Pass
5	11687.663	52.32	74.0	21.68	Peak	100.00	150	Vertical	Pass
5**	11687.663	42.92	54.0	11.08	AV	100.00	150	Vertical	Pass
6	15889.500	54.05	74.0	19.95	Peak	275.00	300	Vertical	Pass
6**	15889.500	45.49	54.0	8.51	AV	275.00	300	Vertical	Pass

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

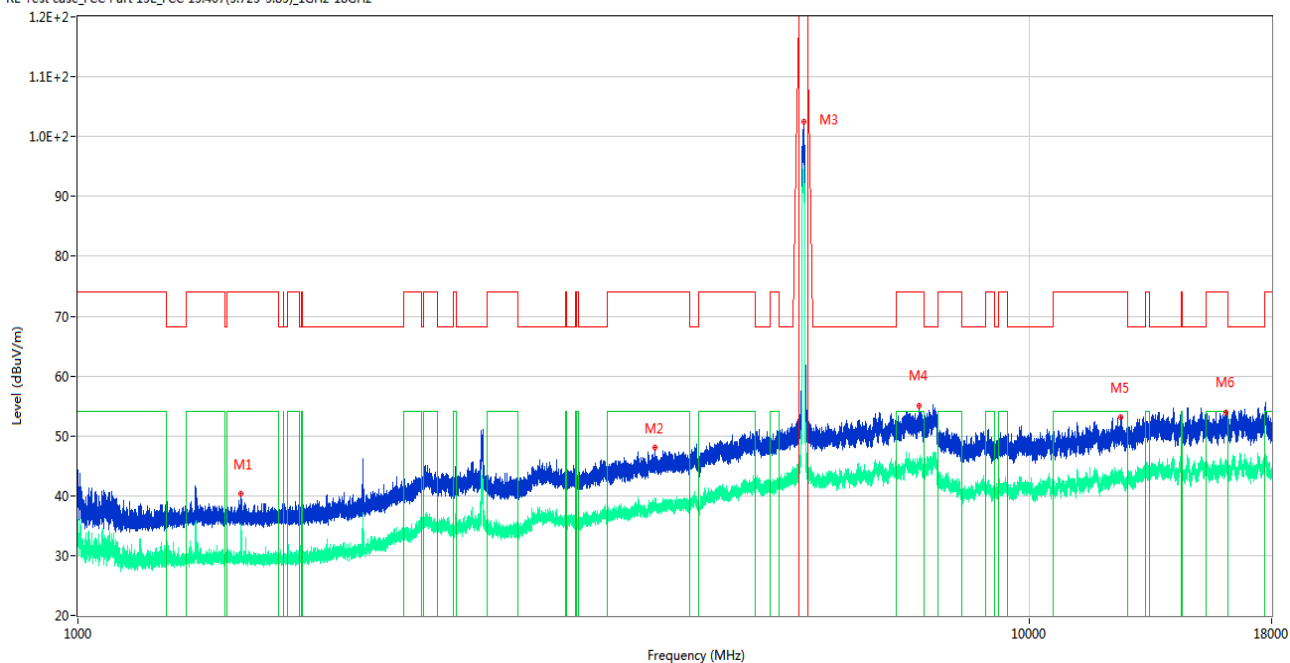
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.800	39.40	74.0	34.60	Peak	354.00	300	Horizontal	Pass
1**	1484.800	33.24	54.0	20.76	AV	354.00	300	Horizontal	Pass
2	4321.000	47.54	74.0	26.46	Peak	224.00	100	Horizontal	Pass
2**	4321.000	38.63	54.0	15.37	AV	224.00	100	Horizontal	Pass
3	5792.000	103.26	--	--	Peak	130.00	200	Horizontal	N/A
3**	5792.000	95.11	--	--	AV	130.00	200	Horizontal	N/A
4	7711.000	55.39	74.0	18.61	Peak	336.00	100	Horizontal	Pass
4**	7711.000	45.25	54.0	8.75	AV	336.00	100	Horizontal	Pass
5	11257.787	52.69	74.0	21.31	Peak	360.00	100	Horizontal	Pass
5**	11257.787	43.44	54.0	10.56	AV	360.00	100	Horizontal	Pass
6	15902.625	54.49	74.0	19.51	Peak	178.00	400	Horizontal	Pass
6**	15902.625	45.01	54.0	8.99	AV	178.00	400	Horizontal	Pass

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

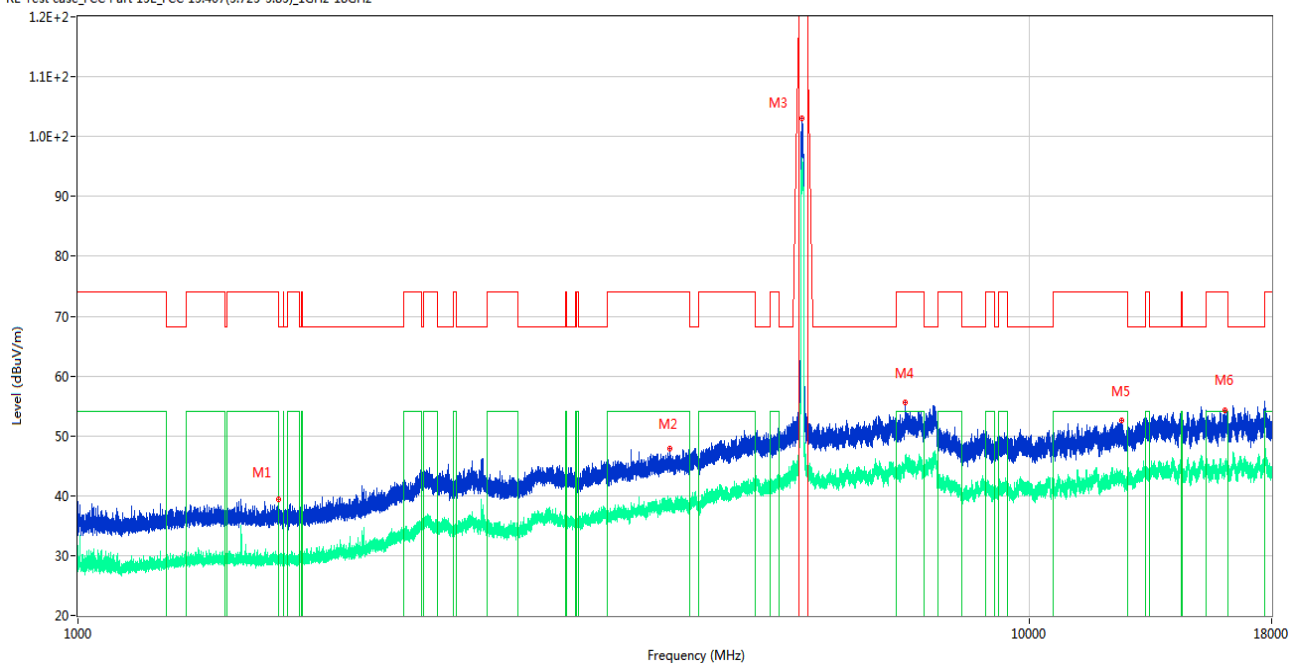
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1484.700	40.39	74.0	33.61	Peak	67.00	200	Vertical	Pass
1**	1484.700	35.25	54.0	18.75	AV	67.00	200	Vertical	Pass
2	4040.000	48.05	74.0	25.95	Peak	18.00	200	Vertical	Pass
2**	4040.000	38.10	54.0	15.90	AV	18.00	200	Vertical	Pass
3	5798.000	102.51	--	--	Peak	110.00	100	Vertical	N/A
3**	5798.000	95.21	--	--	AV	110.00	100	Vertical	N/A
4	7671.250	55.12	74.0	18.88	Peak	18.00	300	Vertical	Pass
4**	7671.250	45.59	54.0	8.41	AV	18.00	300	Vertical	Pass
5	12474.500	53.09	74.0	20.91	Peak	109.00	150	Vertical	Pass
5**	12474.500	43.93	54.0	10.07	AV	109.00	150	Vertical	Pass
6	16102.125	53.93	74.0	20.07	Peak	163.00	100	Vertical	Pass
6**	16102.125	45.42	54.0	8.58	AV	163.00	100	Vertical	Pass

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

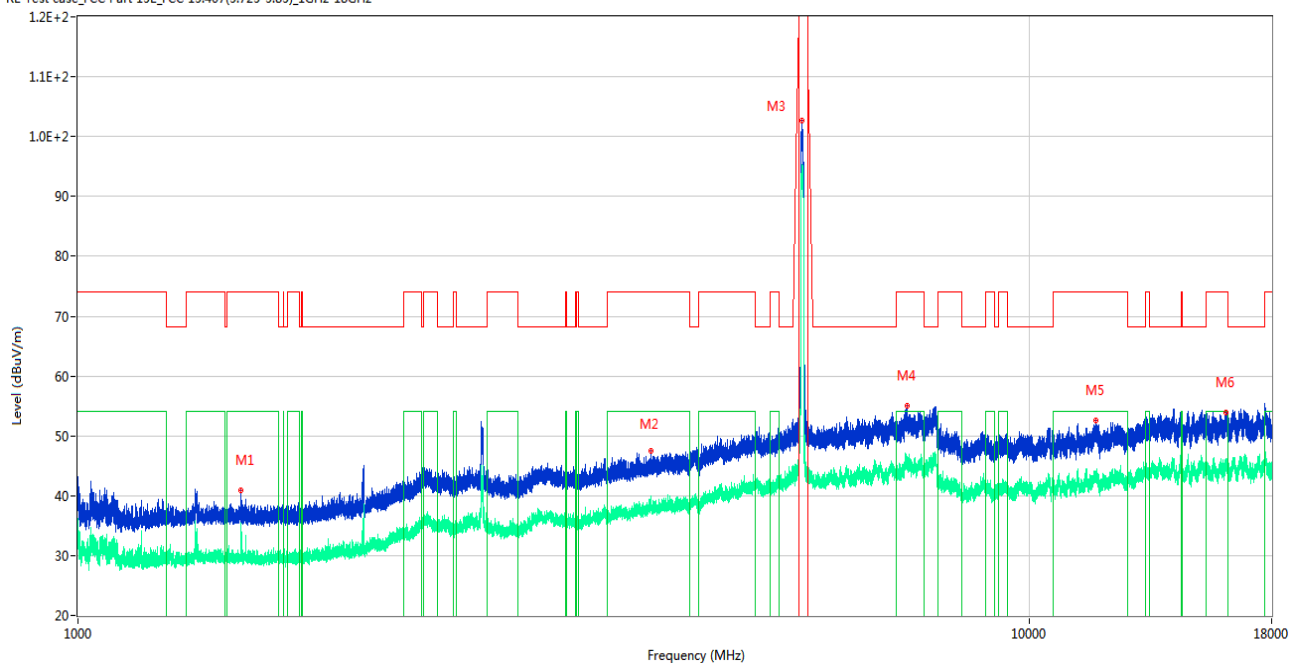
RE Test case_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.000	39.47	74.0	34.53	Peak	72.00	200	Horizontal	Pass
1**	1625.000	31.58	54.0	22.42	AV	72.00	200	Horizontal	Pass
2	4190.750	47.96	74.0	26.04	Peak	270.00	300	Horizontal	Pass
2**	4190.750	39.20	54.0	14.80	AV	270.00	300	Horizontal	Pass
3	5769.250	102.97	--	--	Peak	132.00	150	Horizontal	N/A
3**	5769.250	95.00	--	--	AV	132.00	150	Horizontal	N/A
4	7419.250	55.53	74.0	18.47	Peak	154.00	200	Horizontal	Pass
4**	7419.250	45.95	54.0	8.05	AV	154.00	200	Horizontal	Pass
5	12525.799	52.53	74.0	21.47	Peak	239.00	200	Horizontal	Pass
5**	12525.799	42.34	54.0	11.66	AV	239.00	200	Horizontal	Pass
6	16093.200	54.36	74.0	19.64	Peak	152.00	200	Horizontal	Pass
6**	16093.200	45.11	54.0	8.89	AV	152.00	200	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	1485.000	40.92	74.0	33.08	Peak	16.00	400	Vertical	Pass
1**	1485.000	34.69	54.0	19.31	AV	16.00	400	Vertical	Pass
2	4008.500	47.51	74.0	26.49	Peak	226.00	100	Vertical	Pass
2**	4008.500	37.87	54.0	16.13	AV	226.00	100	Vertical	Pass
3	5769.500	102.58	--	--	Peak	111.00	100	Vertical	N/A
3**	5769.500	94.88	--	--	AV	111.00	100	Vertical	N/A
4	7443.250	55.08	74.0	18.92	Peak	181.00	100	Vertical	Pass
4**	7443.250	46.03	54.0	7.97	AV	181.00	100	Vertical	Pass
5	11750.125	52.60	74.0	21.40	Peak	240.00	200	Vertical	Pass
5**	11750.125	43.16	54.0	10.84	AV	240.00	200	Vertical	Pass
6	16120.237	53.94	74.0	20.06	Peak	265.00	400	Vertical	Pass
6**	16120.237	45.31	54.0	8.69	AV	265.00	400	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

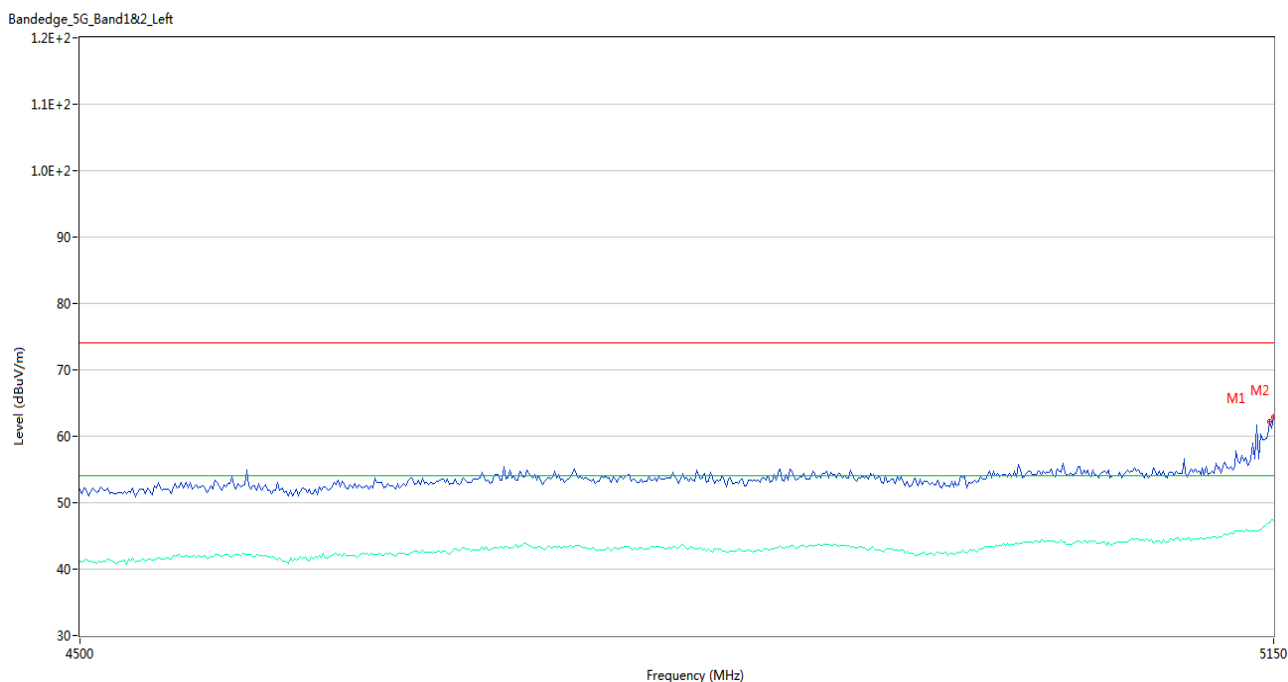
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	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
U-NII-2C	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)	Low	Pass
		High	Pass
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

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

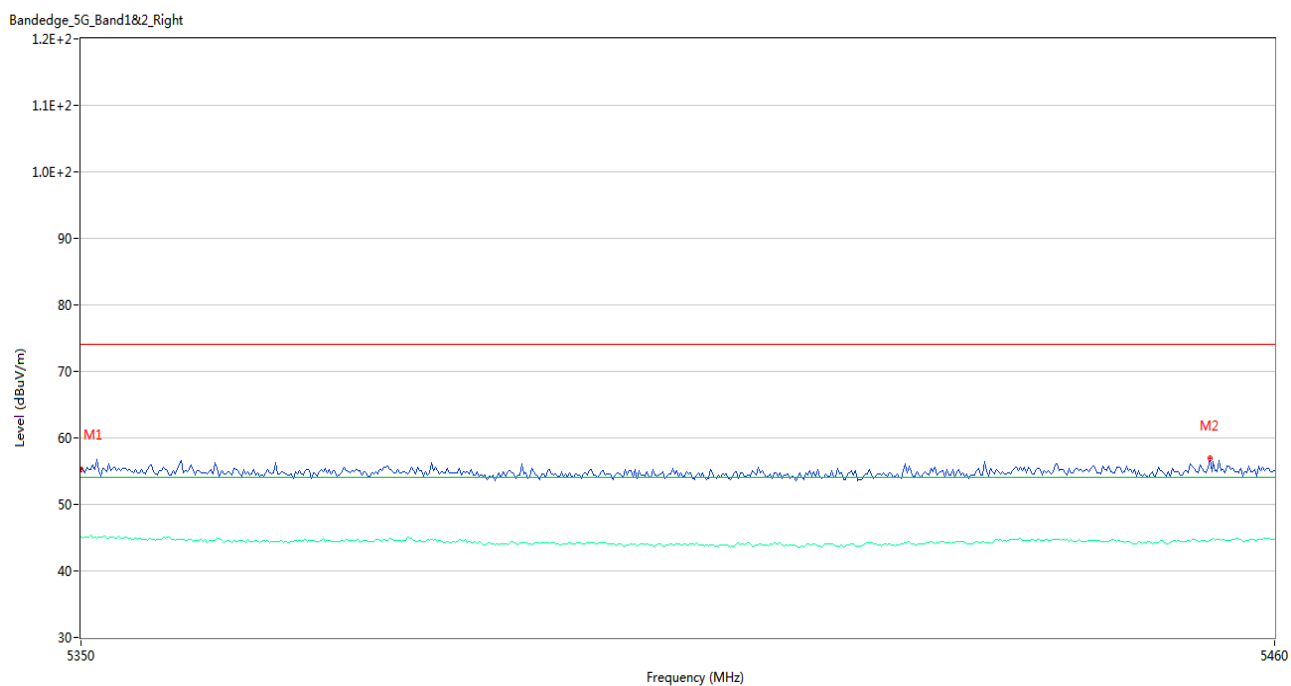
Test Data and Plots

U-NII-1 11a Low Channel



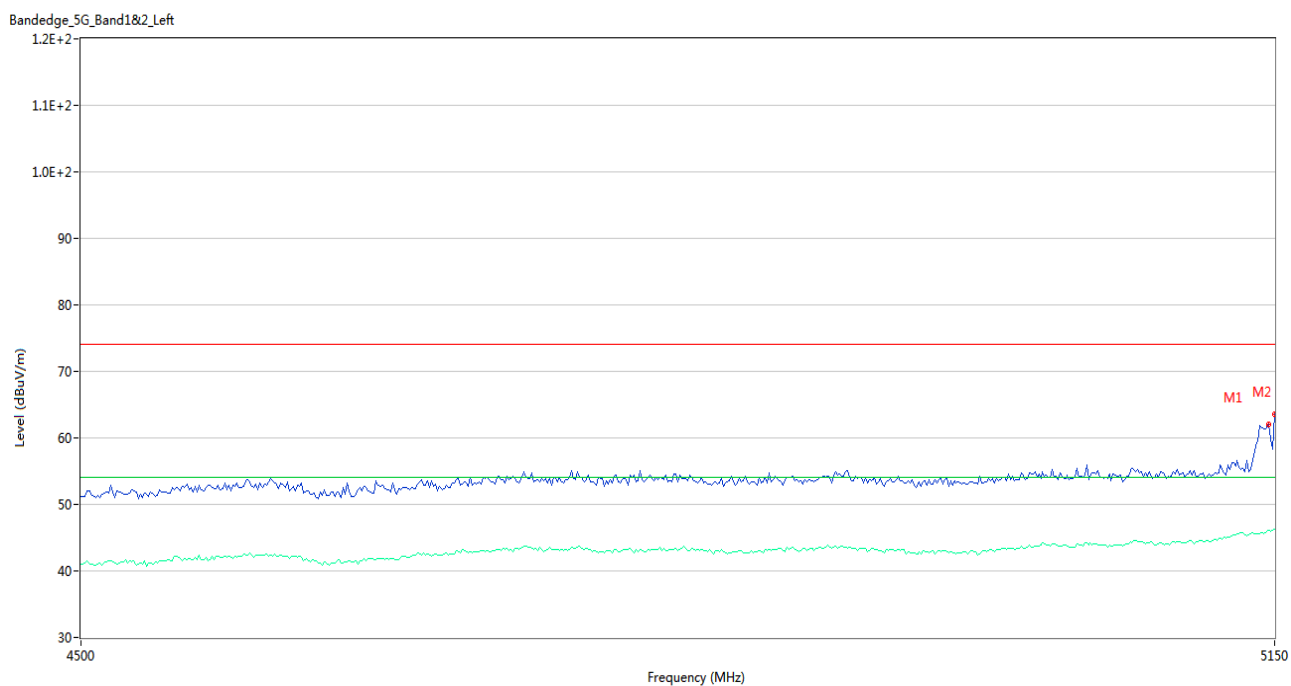
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5147.833	62.16	74.0	11.84	Peak	42.00	200	Horizontal	Pass
1**	5147.833	46.87	54.0	7.13	AV	42.00	200	Horizontal	Pass
2	5150.000	62.89	74.0	11.11	Peak	26.00	150	Horizontal	Pass
2**	5150.000	47.25	54.0	6.75	AV	26.00	150	Horizontal	Pass

U-NII-1 11a High Channel



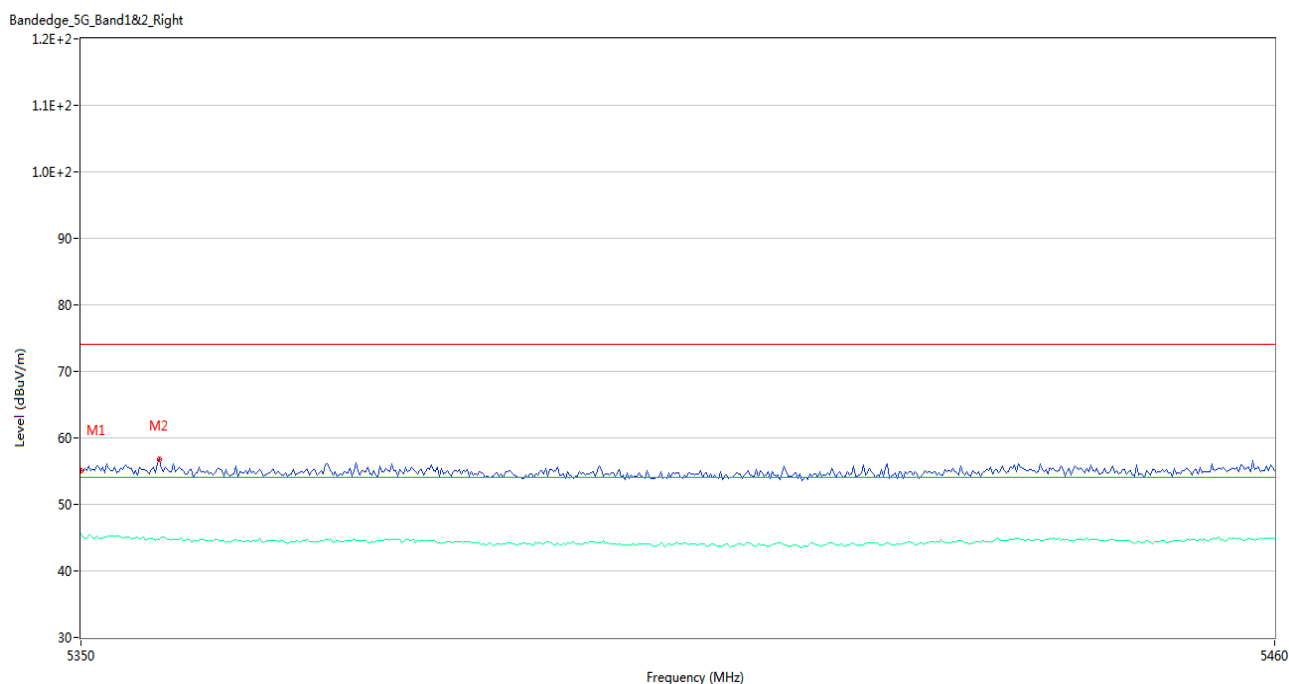
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.29	74.0	18.71	Peak	208.00	100	Horizontal	Pass
1**	5350.000	45.08	54.0	8.92	AV	208.00	100	Horizontal	Pass
2	5453.950	56.91	74.0	17.09	Peak	145.00	200	Horizontal	Pass
2**	5453.950	44.59	54.0	9.41	AV	145.00	200	Horizontal	Pass

U-NII-1 11n20 Low Channel



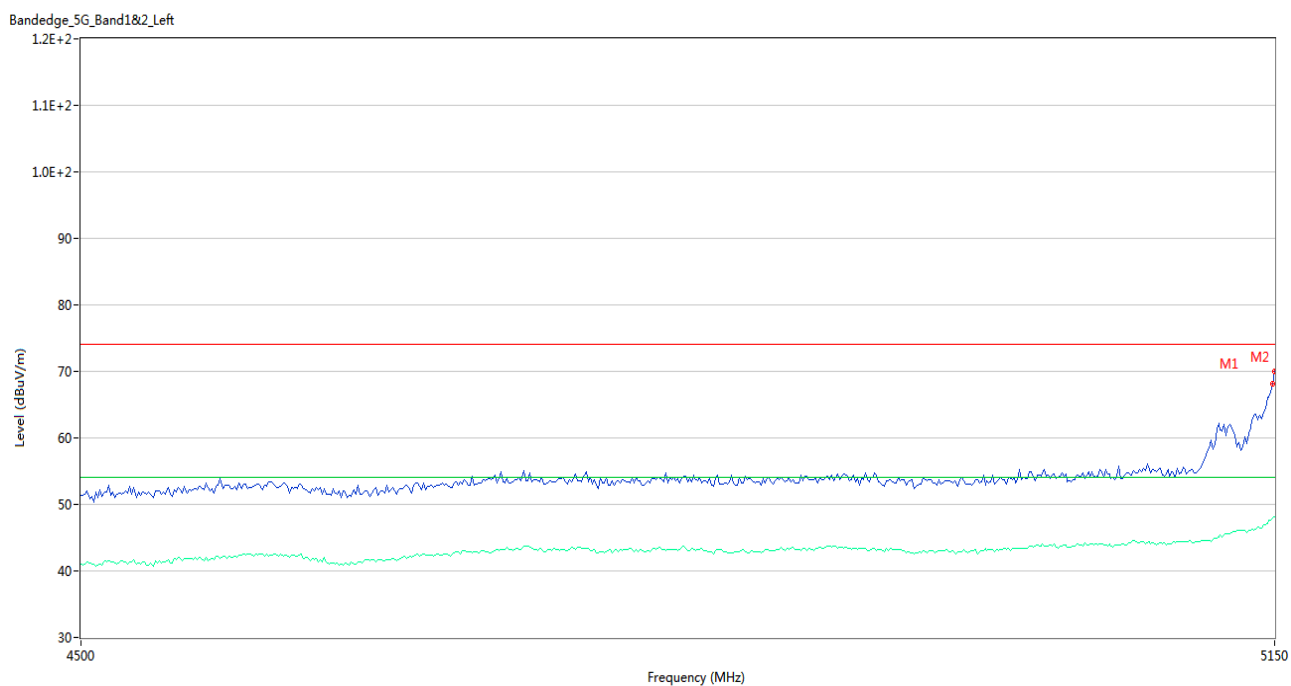
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	62.10	74.0	11.90	Peak	4.00	200	Horizontal	Pass
1**	5146.750	46.12	54.0	7.88	AV	4.00	200	Horizontal	Pass
2	5150.000	63.64	74.0	10.36	Peak	38.00	150	Horizontal	Pass
2**	5150.000	46.26	54.0	7.74	AV	38.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



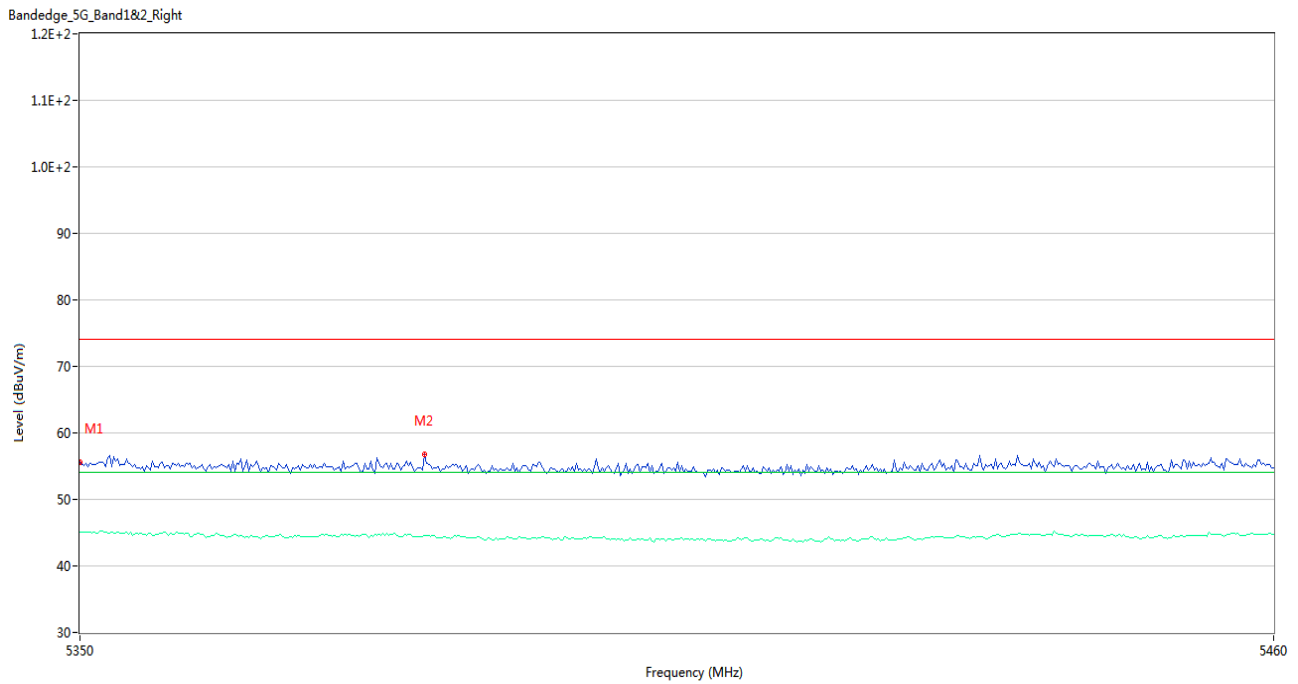
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.10	74.0	18.90	Peak	360.00	200	Horizontal	Pass
1**	5350.000	45.60	54.0	8.40	AV	360.00	200	Horizontal	Pass
2	5357.150	56.86	74.0	17.14	Peak	17.00	200	Horizontal	Pass
2**	5357.150	44.78	54.0	9.22	AV	17.00	200	Horizontal	Pass

U-NII-1 11n40 Low Channel



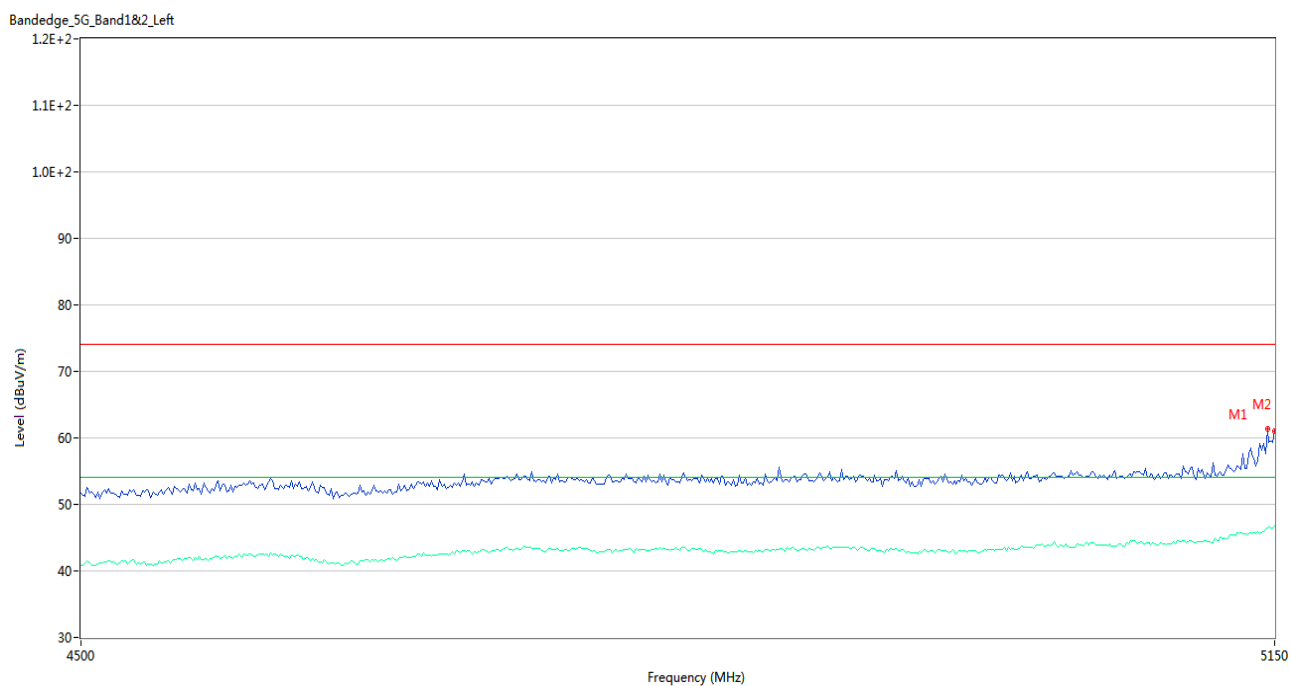
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.917	68.07	74.0	5.93	Peak	45.00	150	Horizontal	Pass
1**	5148.917	48.00	54.0	6.00	AV	45.00	150	Horizontal	Pass
2	5150.000	70.02	74.0	3.98	Peak	38.00	200	Horizontal	Pass
2**	5150.000	48.14	54.0	5.86	AV	38.00	200	Horizontal	Pass

U-NII-1 11n40 High Channel



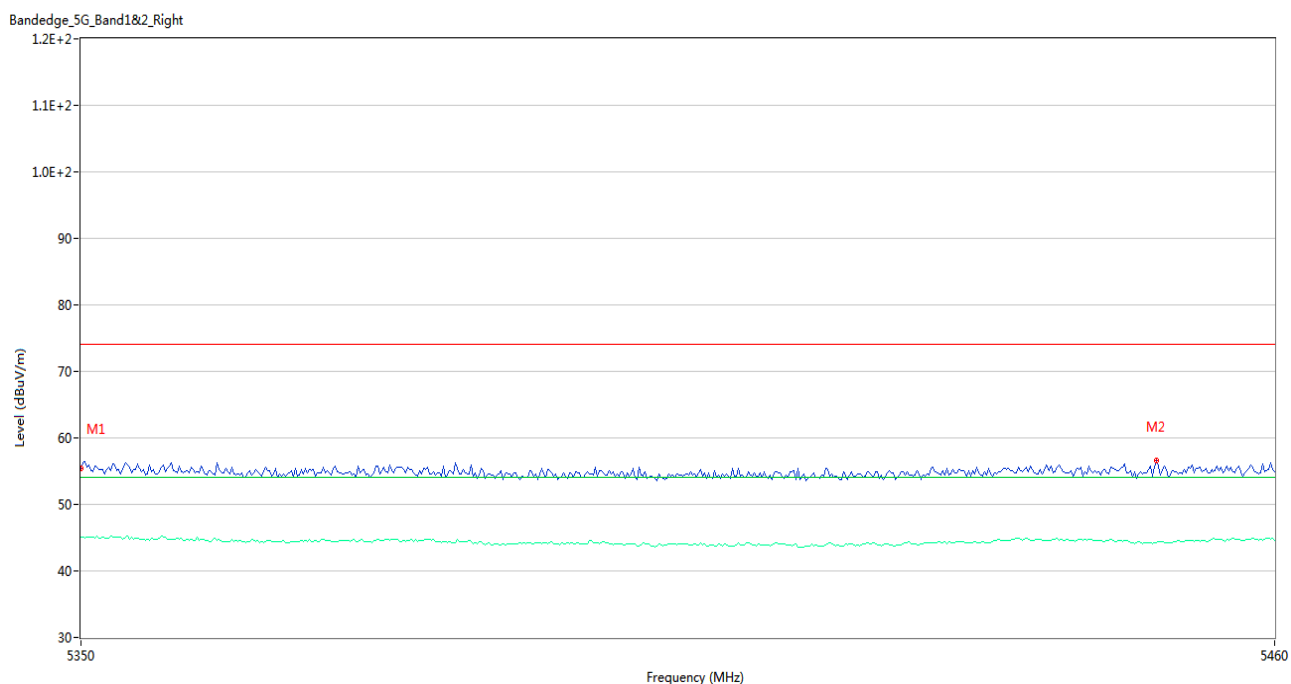
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.67	74.0	18.33	Peak	89.00	100	Horizontal	Pass
1**	5350.000	45.17	54.0	8.83	AV	89.00	100	Horizontal	Pass
2	5381.533	56.80	74.0	17.20	Peak	0.00	200	Horizontal	Pass
2**	5381.533	44.52	54.0	9.48	AV	0.00	200	Horizontal	Pass

U-NII-1 11ac20 Low Channel



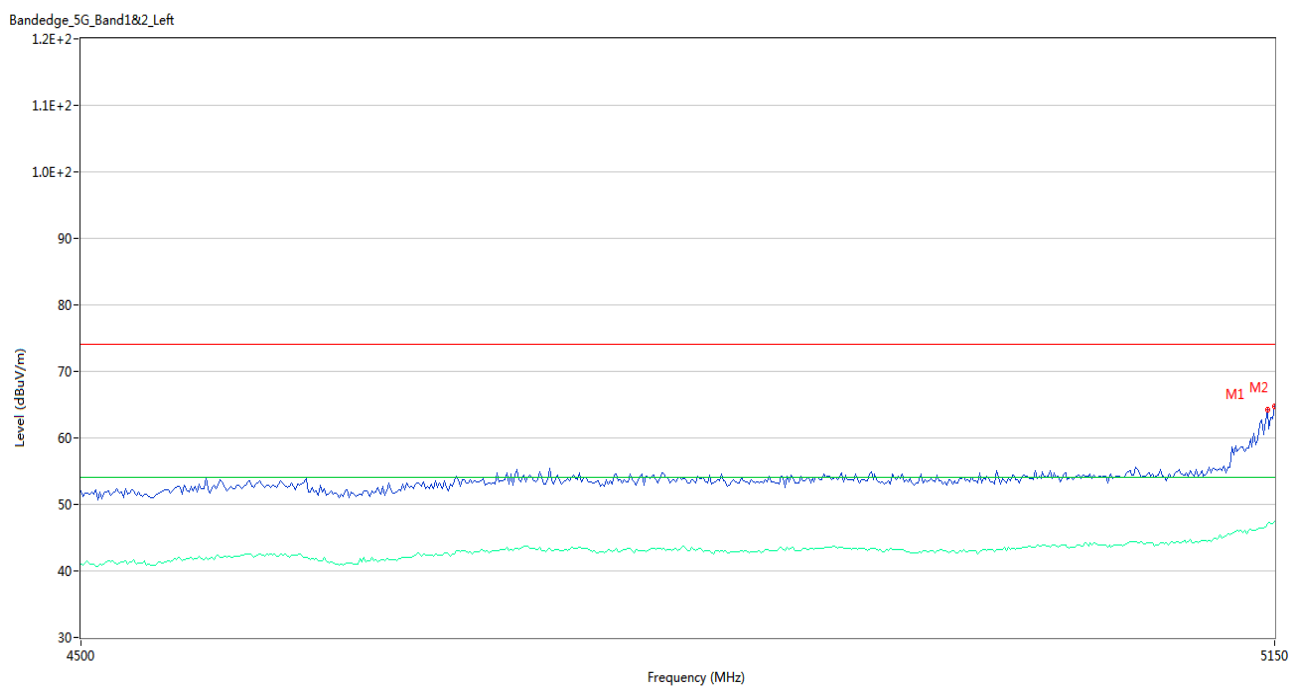
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.667	61.44	74.0	12.56	Peak	0.00	100	Horizontal	Pass
1**	5145.667	46.46	54.0	7.54	AV	0.00	100	Horizontal	Pass
2	5150.000	61.00	74.0	13.00	Peak	36.00	150	Horizontal	Pass
2**	5150.000	46.72	54.0	7.28	AV	36.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel



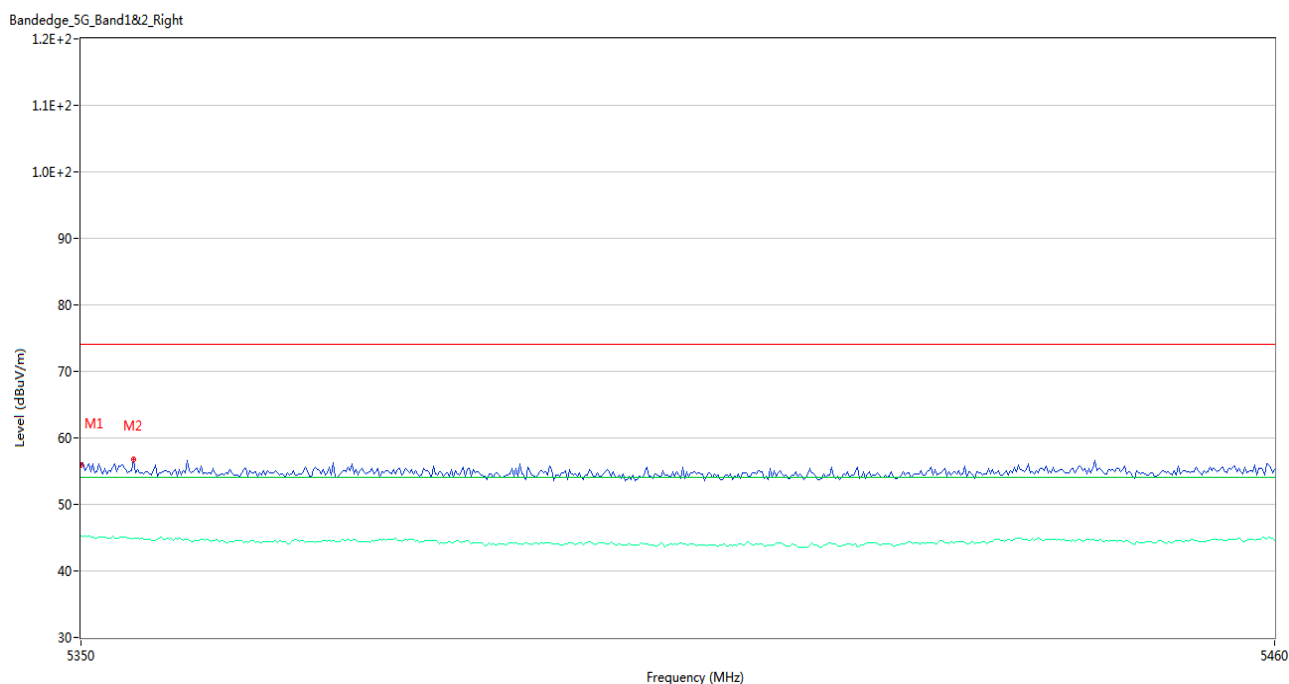
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.36	74.0	18.64	Peak	318.00	150	Horizontal	Pass
1**	5350.000	45.16	54.0	8.84	AV	318.00	150	Horizontal	Pass
2	5449.000	56.69	74.0	17.31	Peak	133.00	100	Horizontal	Pass
2**	5449.000	44.26	54.0	9.74	AV	133.00	100	Horizontal	Pass

U-NII-1 11ac40 Low Channel



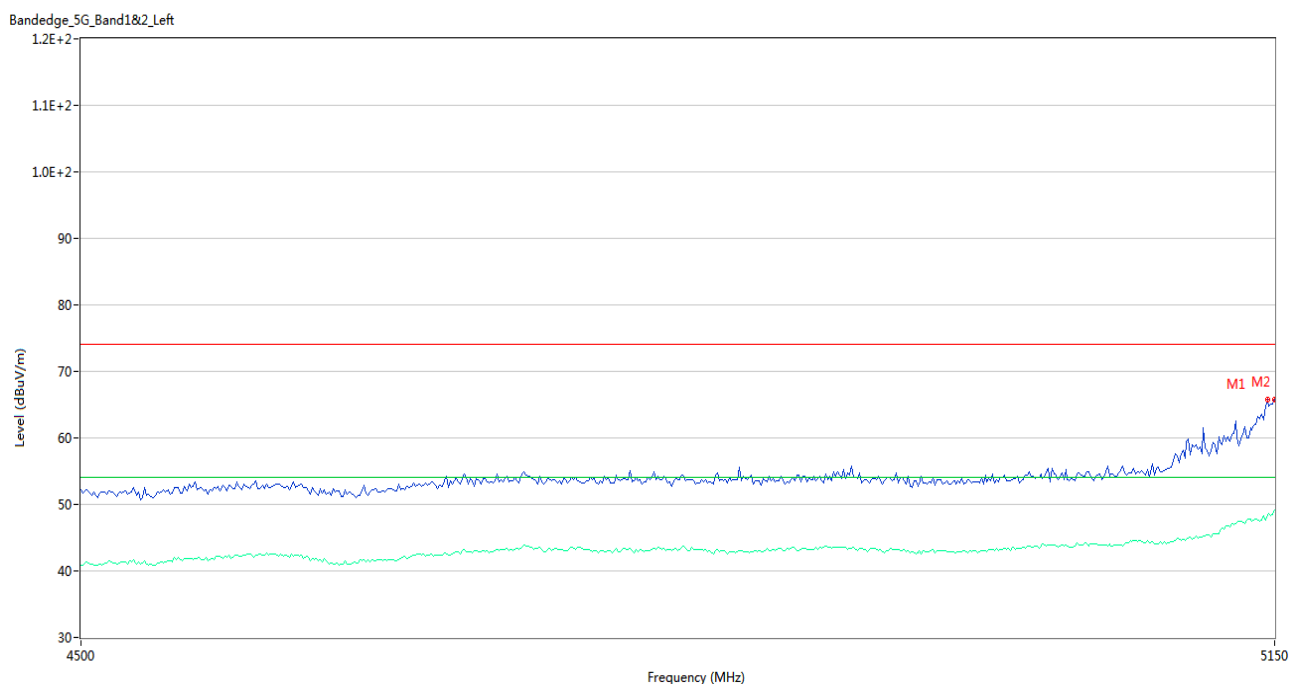
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.667	64.23	74.0	9.77	Peak	360.00	150	Horizontal	Pass
1**	5145.667	47.06	54.0	6.94	AV	360.00	150	Horizontal	Pass
2	5150.000	64.69	74.0	9.31	Peak	34.00	150	Horizontal	Pass
2**	5150.000	47.40	54.0	6.60	AV	34.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel



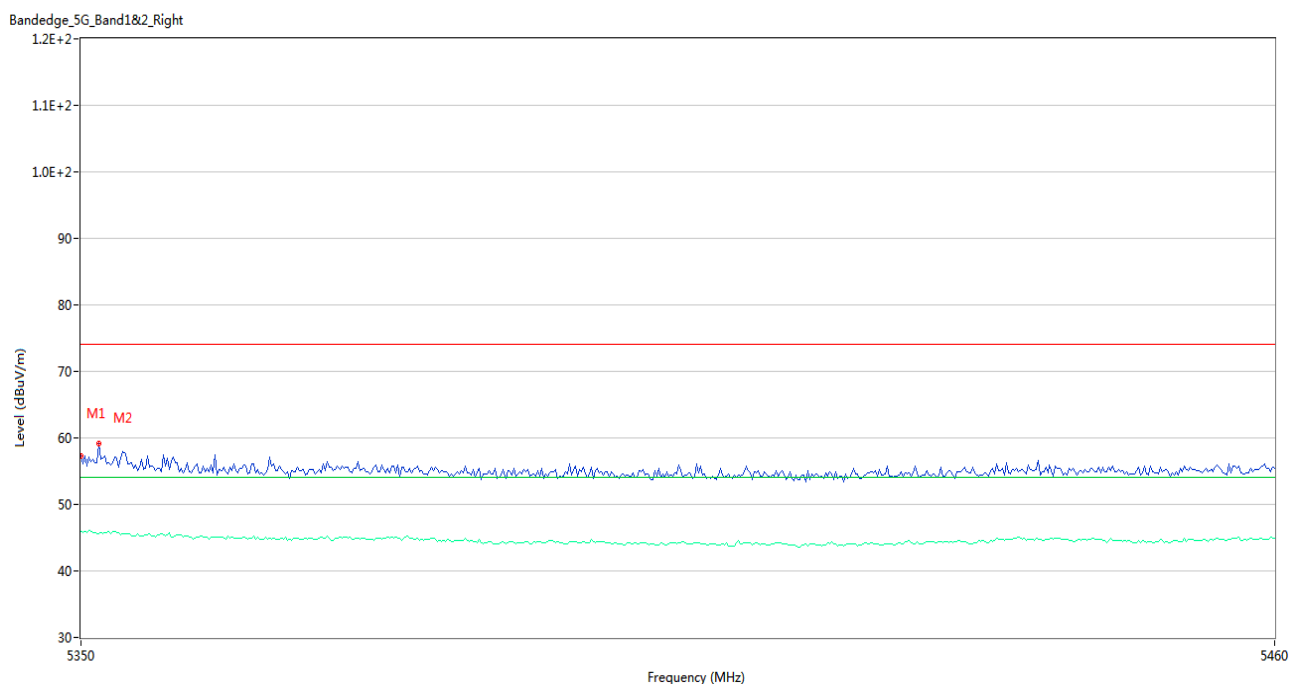
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.99	74.0	18.01	Peak	2.00	150	Horizontal	Pass
1**	5350.000	45.20	54.0	8.80	AV	2.00	150	Horizontal	Pass
2	5354.767	56.80	74.0	17.20	Peak	14.00	150	Horizontal	Pass
2**	5354.767	44.94	54.0	9.06	AV	14.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



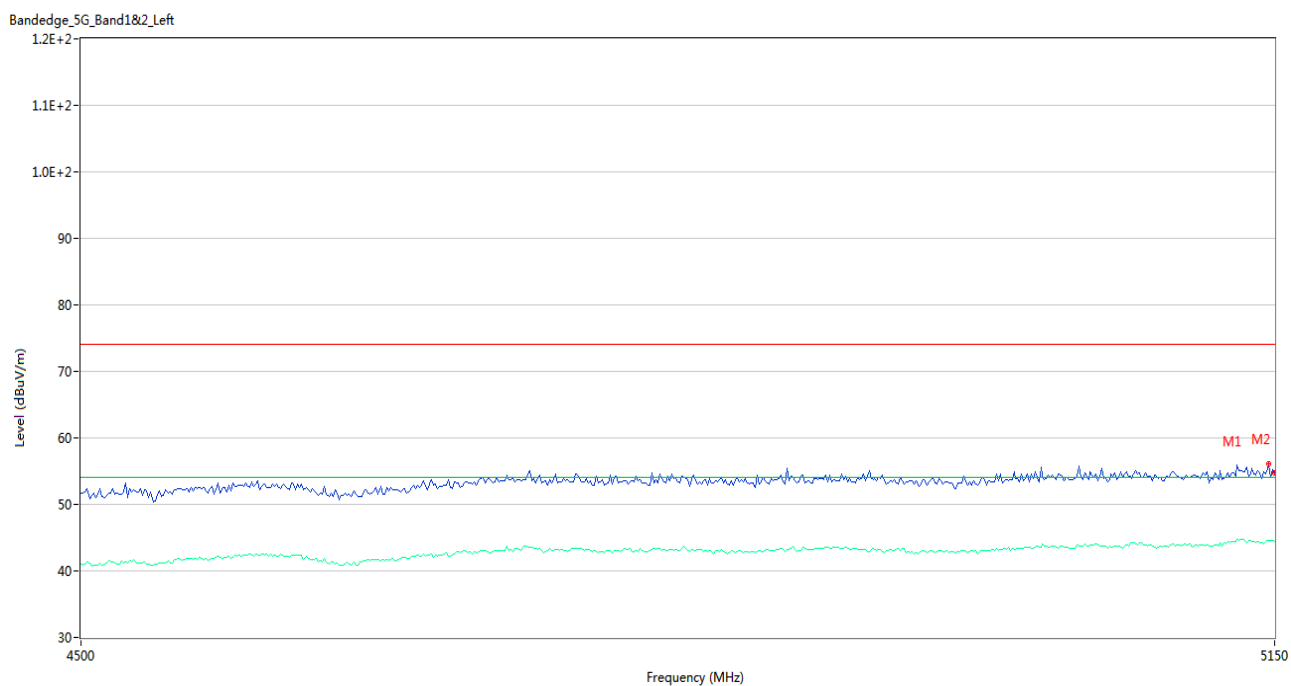
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.667	65.72	74.0	8.28	Peak	6.00	200	Horizontal	Pass
1**	5145.667	48.23	54.0	5.77	AV	6.00	200	Horizontal	Pass
2	5150.000	65.81	74.0	8.19	Peak	43.00	150	Horizontal	Pass
2**	5150.000	49.07	54.0	4.93	AV	43.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



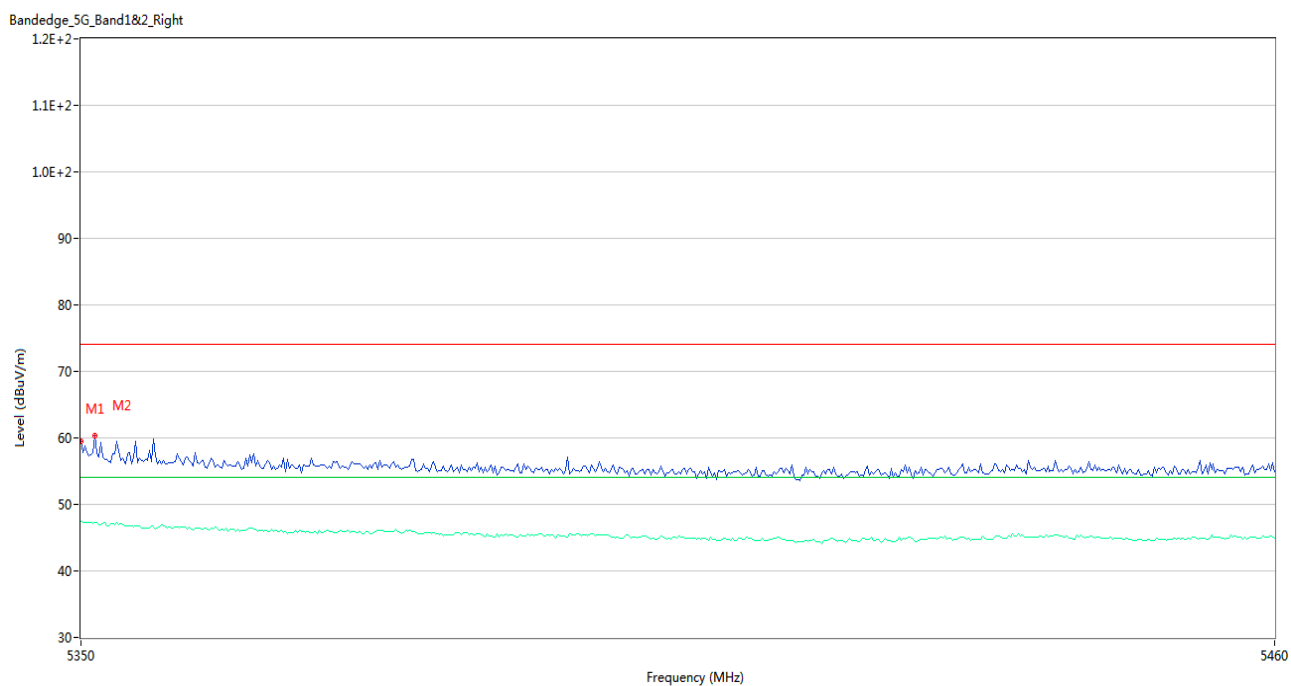
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.26	74.0	16.74	Peak	44.00	150	Horizontal	Pass
1**	5350.000	45.87	54.0	8.13	AV	44.00	150	Horizontal	Pass
2	5351.650	59.18	74.0	14.82	Peak	12.00	150	Horizontal	Pass
2**	5351.650	45.63	54.0	8.37	AV	12.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel



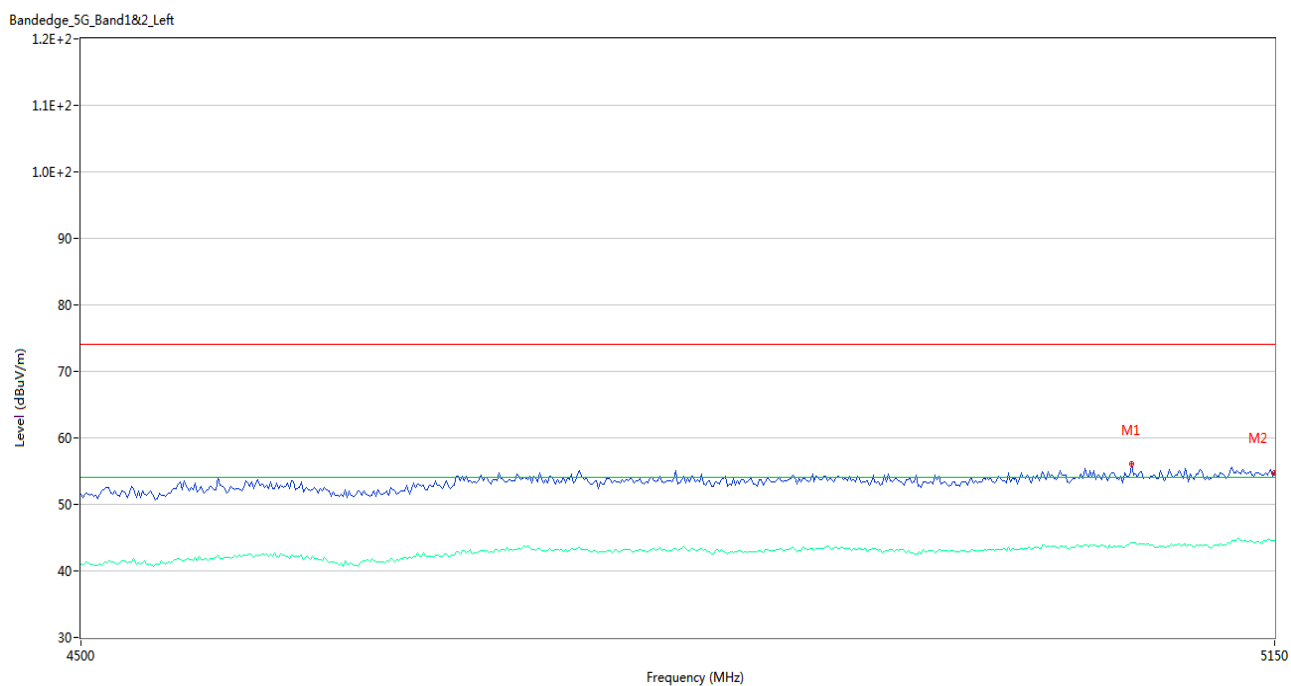
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	56.07	74.0	17.93	Peak	105.00	100	Horizontal	Pass
1**	5146.750	44.55	54.0	9.45	AV	105.00	100	Horizontal	Pass
2	5150.000	54.82	74.0	19.18	Peak	43.00	150	Horizontal	Pass
2**	5150.000	44.41	54.0	9.59	AV	43.00	150	Horizontal	Pass

U-NII-2A 11a High Channel



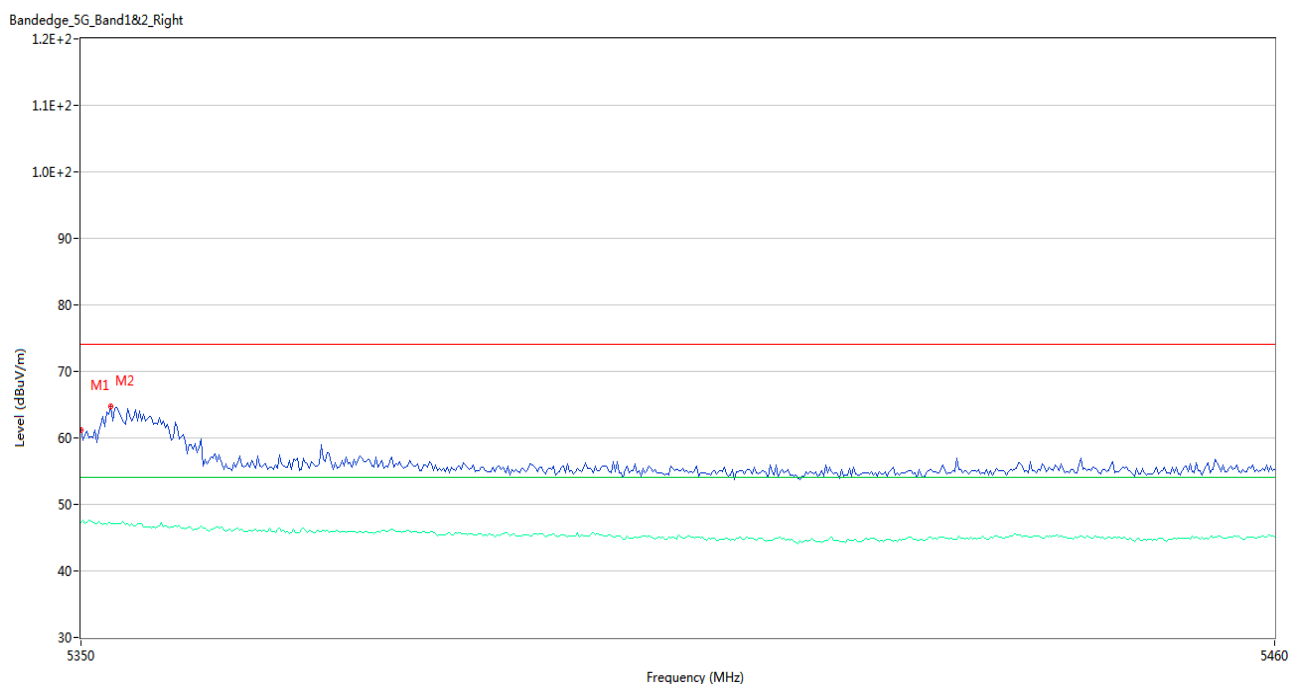
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.53	74.0	14.47	Peak	24.00	200	Horizontal	Pass
1**	5350.000	47.40	54.0	6.60	AV	24.00	200	Horizontal	Pass
2	5351.283	60.39	74.0	13.61	Peak	167.00	100	Horizontal	Pass
2**	5351.283	47.20	54.0	6.80	AV	167.00	100	Horizontal	Pass

U-NII-2A 11n20 Low Channel



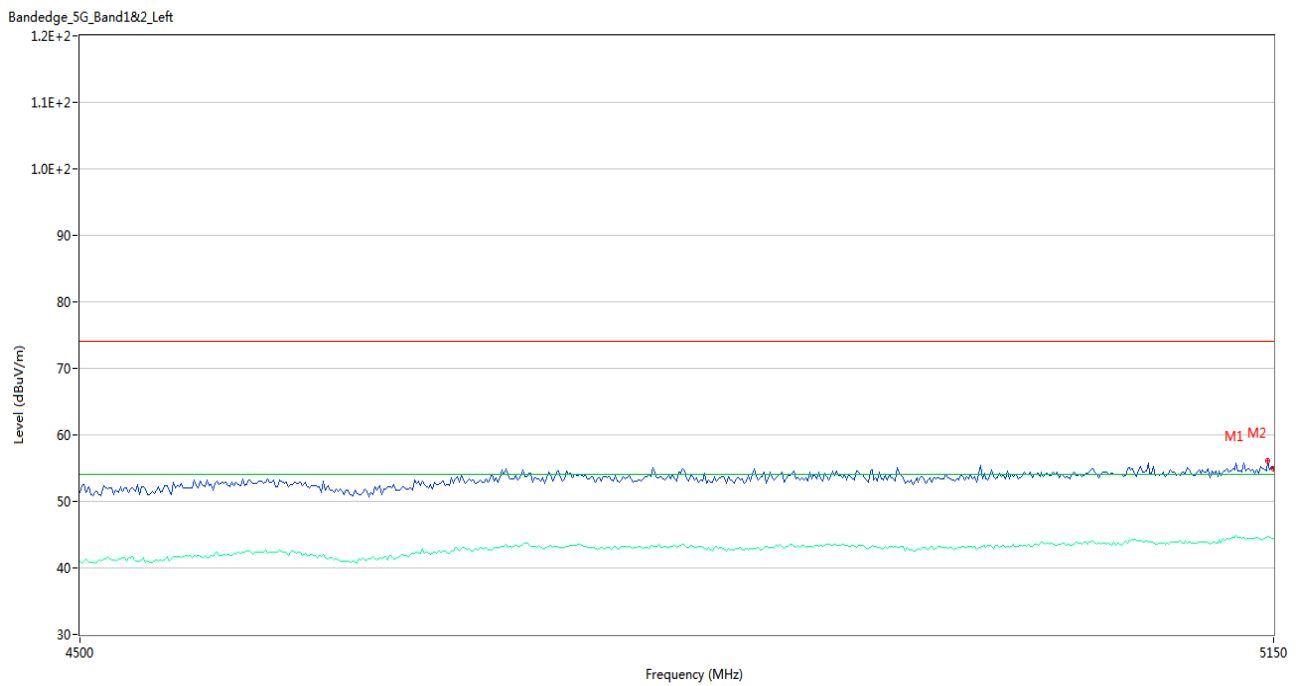
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5067.666	56.11	74.0	17.89	Peak	66.00	100	Horizontal	Pass
1**	5067.666	44.19	54.0	9.81	AV	66.00	100	Horizontal	Pass
2	5150.000	54.66	74.0	19.34	Peak	155.00	200	Horizontal	Pass
2**	5150.000	44.60	54.0	9.40	AV	155.00	200	Horizontal	Pass

U-NII-2A 11n20 High Channel



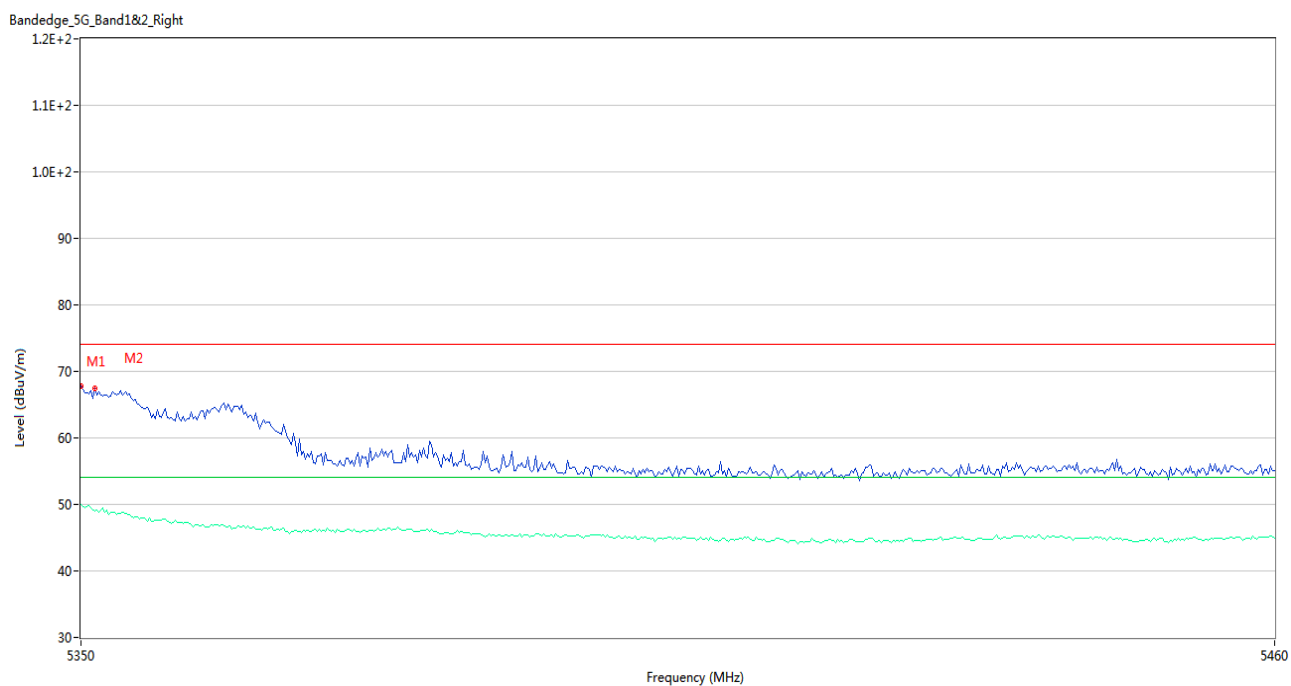
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.21	74.0	12.79	Peak	27.00	100	Horizontal	Pass
1**	5350.000	47.30	54.0	6.70	AV	27.00	100	Horizontal	Pass
2	5352.750	64.67	74.0	9.33	Peak	39.00	150	Horizontal	Pass
2**	5352.750	47.19	54.0	6.81	AV	39.00	150	Horizontal	Pass

U-NII-2A 11n40 Low Channel



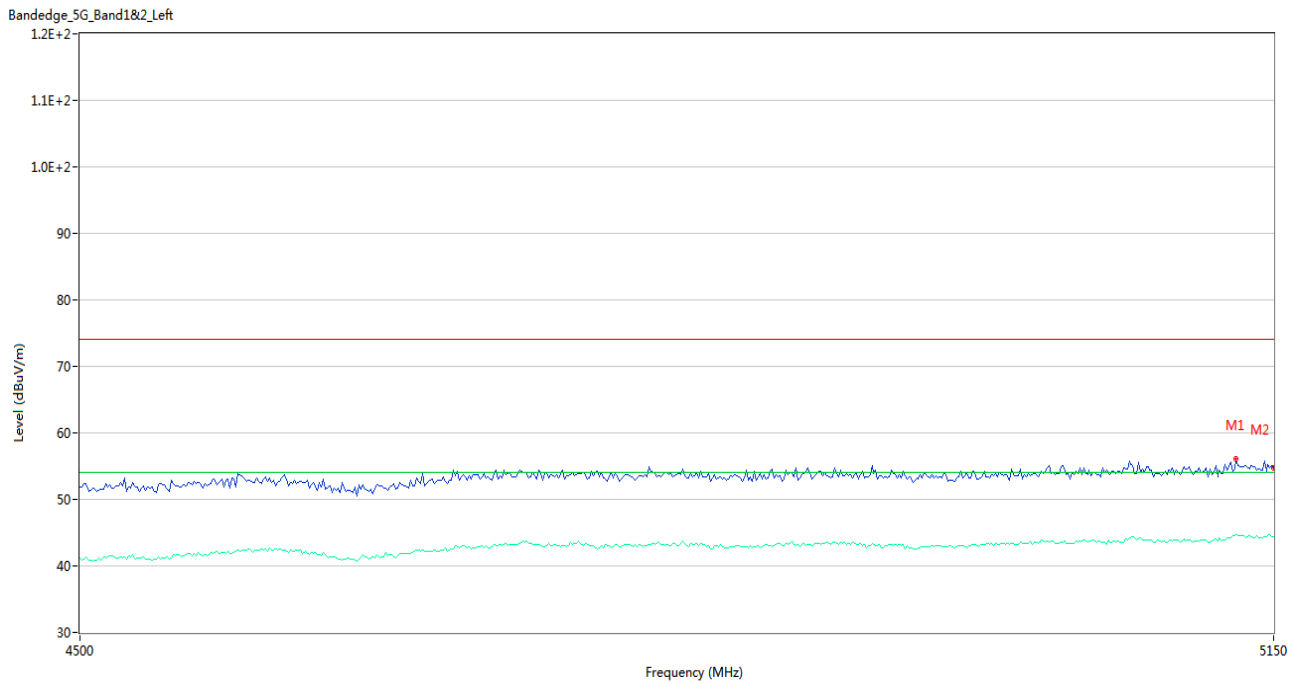
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	56.08	74.0	17.92	Peak	0.00	150	Horizontal	Pass
1**	5146.750	44.78	54.0	9.22	AV	0.00	150	Horizontal	Pass
2	5150.000	54.89	74.0	19.11	Peak	318.00	150	Horizontal	Pass
2**	5150.000	44.41	54.0	9.59	AV	318.00	150	Horizontal	Pass

U-NII-2A 11n40 High Channel



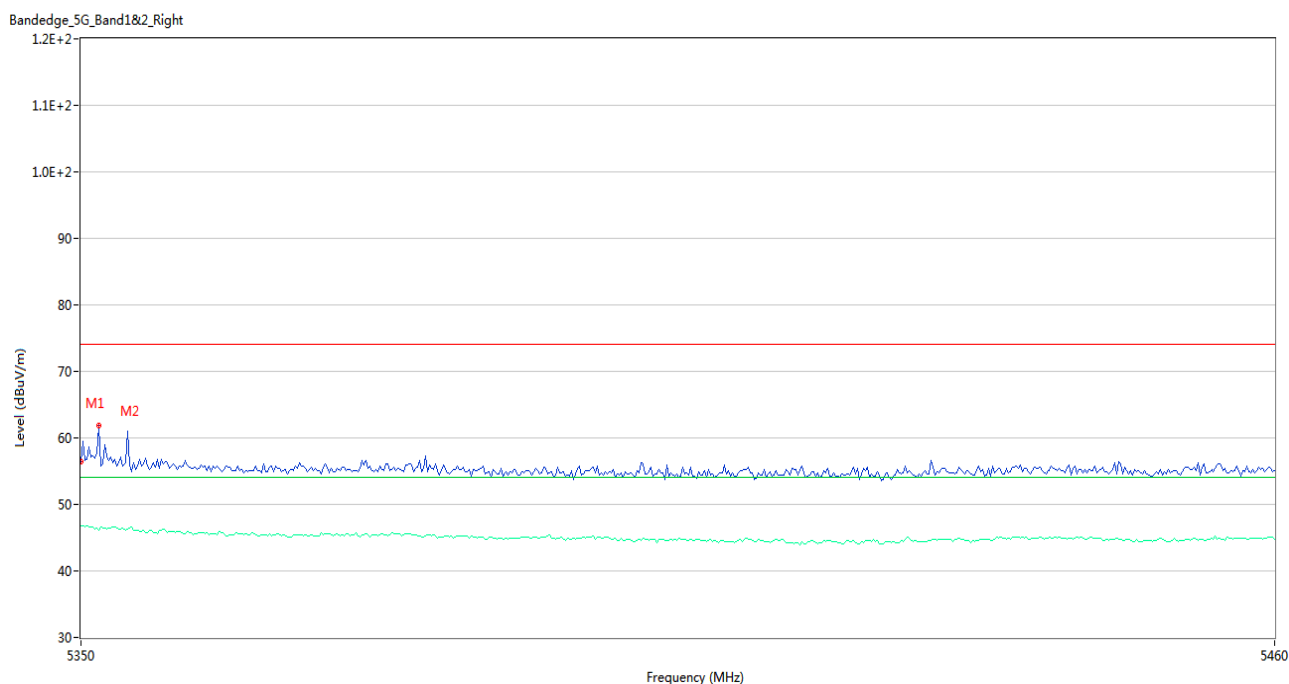
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	67.85	74.0	6.15	Peak	18.00	150	Horizontal	Pass
1**	5350.000	50.06	54.0	3.94	AV	18.00	150	Horizontal	Pass
2	5351.283	67.44	74.0	6.56	Peak	42.00	200	Horizontal	Pass
2**	5351.283	49.04	54.0	4.96	AV	42.00	200	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



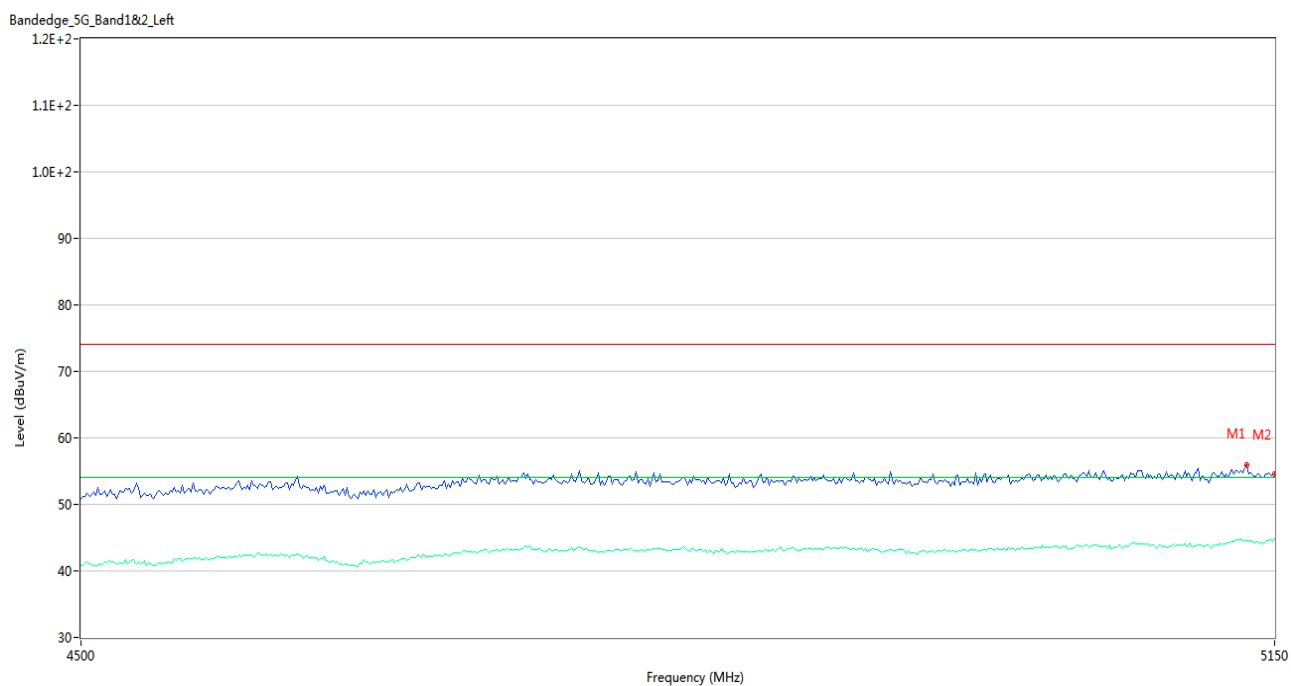
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5128.333	56.15	74.0	17.85	Peak	0.00	150	Horizontal	Pass
1**	5128.333	44.72	54.0	9.28	AV	0.00	150	Horizontal	Pass
2	5150.000	54.80	74.0	19.20	Peak	46.00	100	Horizontal	Pass
2**	5150.000	44.47	54.0	9.53	AV	46.00	100	Horizontal	Pass

U-NII-2A 11ac20 High Channel



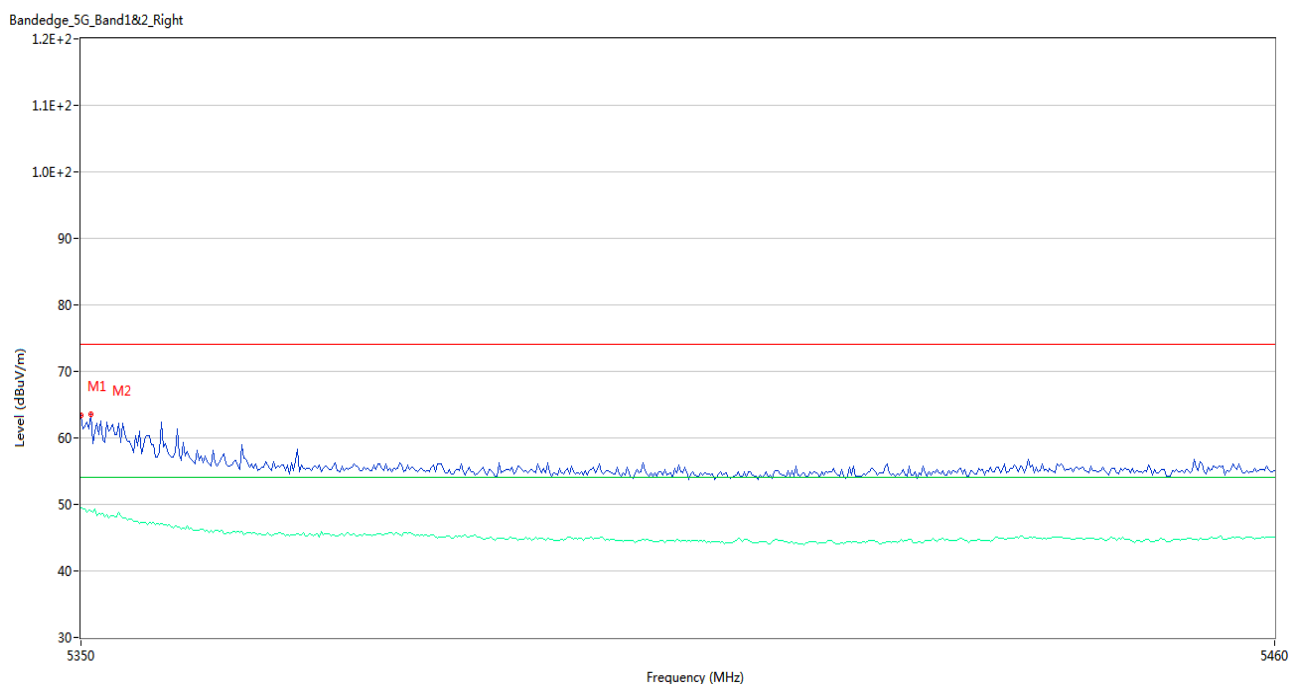
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.43	74.0	17.57	Peak	2.00	150	Horizontal	Pass
1**	5350.000	46.78	54.0	7.22	AV	2.00	150	Horizontal	Pass
2	5351.650	61.84	74.0	12.16	Peak	14.00	100	Horizontal	Pass
2**	5351.650	46.15	54.0	7.85	AV	14.00	100	Horizontal	Pass

U-NII-2A 11ac40 Low Channel



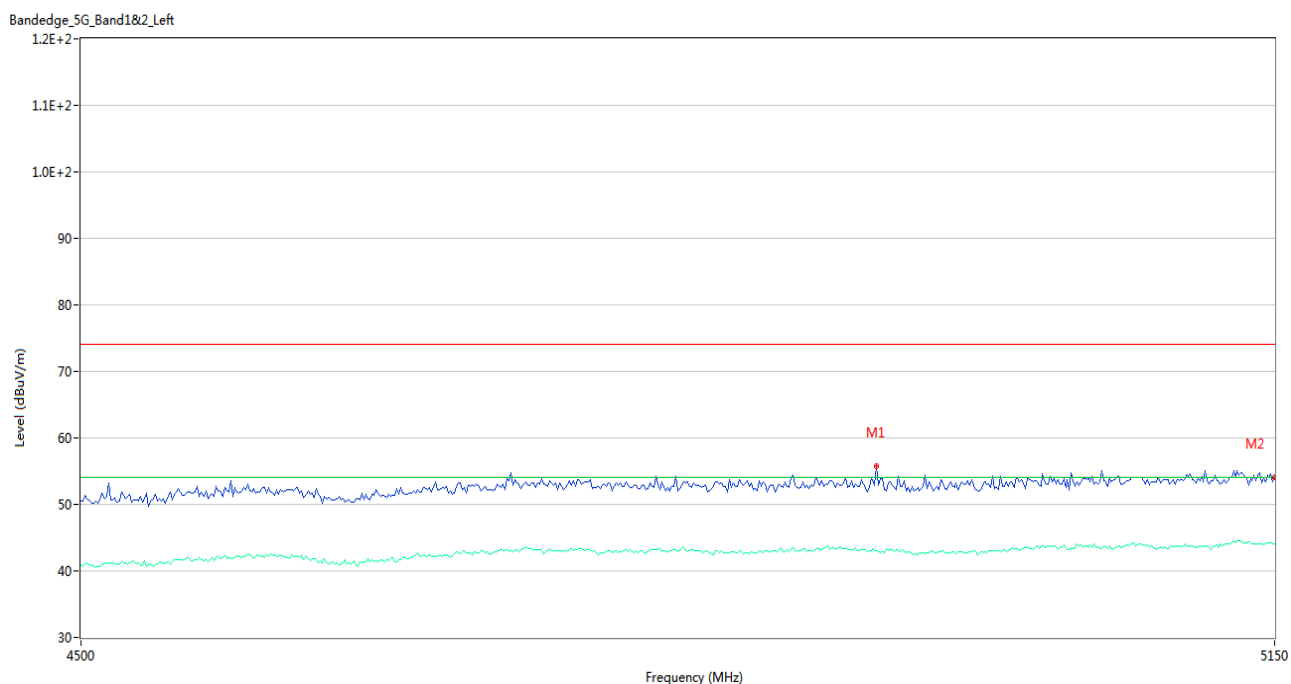
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5133.750	55.93	74.0	18.07	Peak	241.00	200	Horizontal	Pass
1**	5133.750	44.54	54.0	9.46	AV	241.00	200	Horizontal	Pass
2	5150.000	54.55	74.0	19.45	Peak	8.00	200	Horizontal	Pass
2**	5150.000	44.87	54.0	9.13	AV	8.00	200	Horizontal	Pass

U-NII-2A 11ac40 High Channel



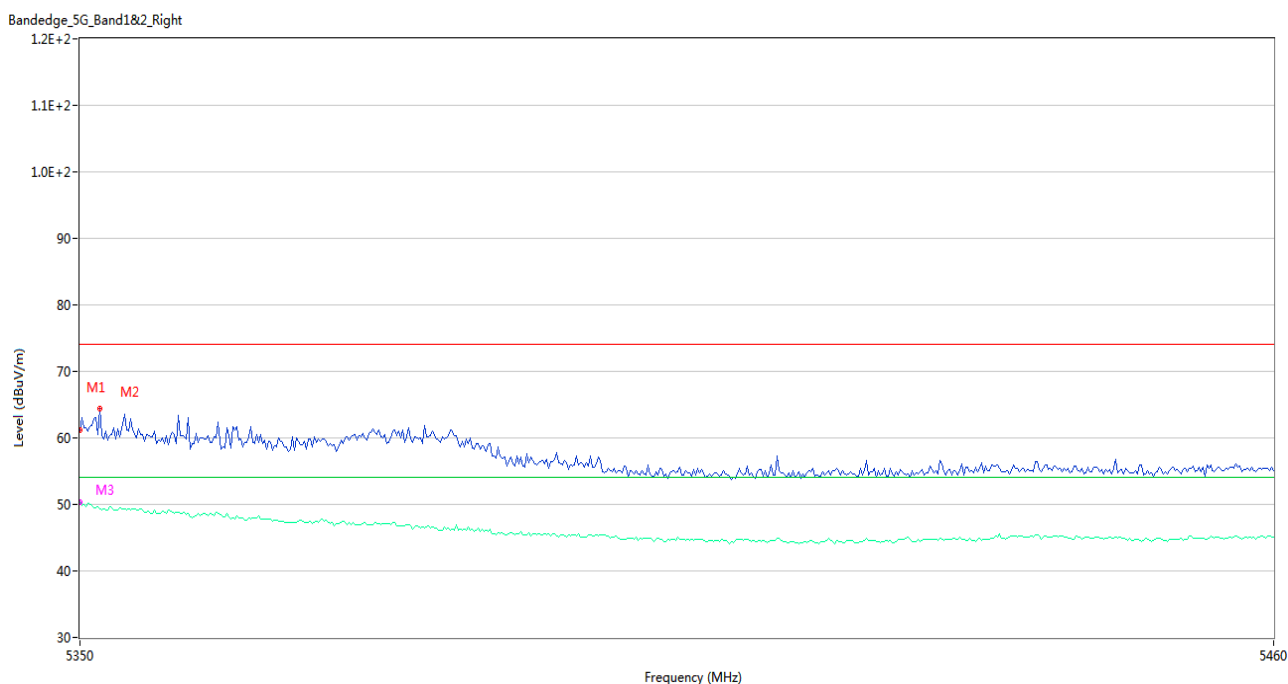
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	63.46	74.0	10.54	Peak	1.00	100	Horizontal	Pass
1**	5350.000	49.57	54.0	4.43	AV	1.00	100	Horizontal	Pass
2	5350.917	63.54	74.0	10.46	Peak	50.00	100	Horizontal	Pass
2**	5350.917	49.03	54.0	4.97	AV	50.00	100	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



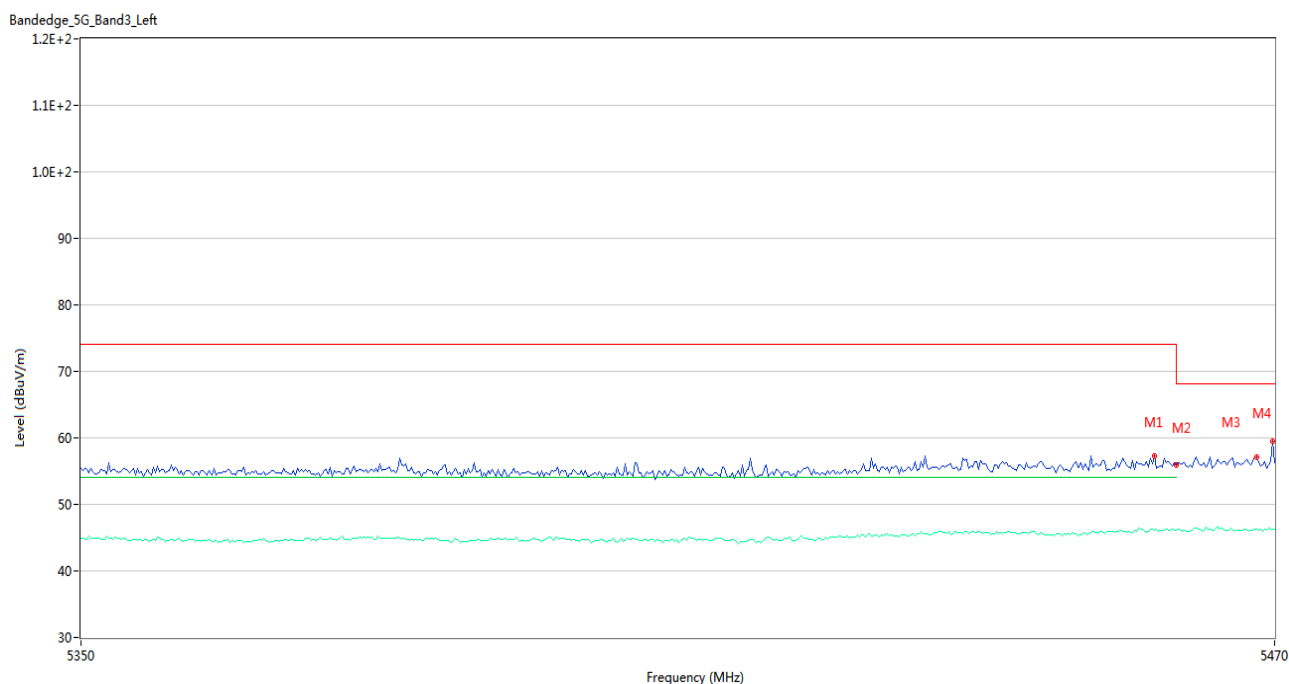
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4923.583	55.77	74.0	18.23	Peak	360.00	200	Horizontal	Pass
1**	4923.583	43.06	54.0	10.94	AV	360.00	200	Horizontal	Pass
2	5150.000	54.09	74.0	19.91	Peak	360.00	200	Horizontal	Pass
2**	5150.000	44.13	54.0	9.87	AV	360.00	200	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel



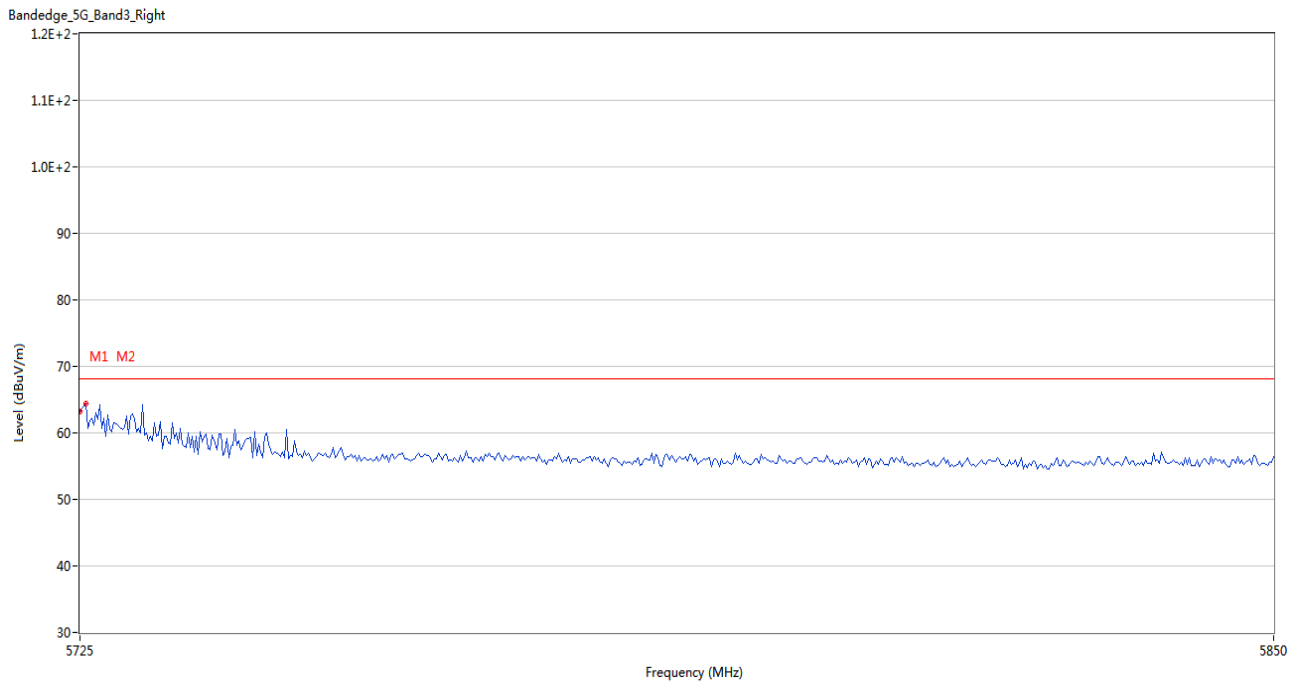
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.13	74.0	12.87	Peak	23.00	100	Horizontal	Pass
1**	5350.000	50.32	54.0	3.68	AV	23.00	100	Horizontal	Pass
2	5351.834	64.43	74.0	9.57	Peak	16.00	200	Horizontal	Pass
2**	5351.834	49.35	54.0	4.65	AV	16.00	200	Horizontal	Pass
3	5350.000	61.13	74.0	12.87	Peak	23.00	100	Horizontal	Pass
3**	5350.000	50.32	54.0	3.68	AV	23.00	100	Horizontal	Pass

U-NII-2C 11a Low Channel



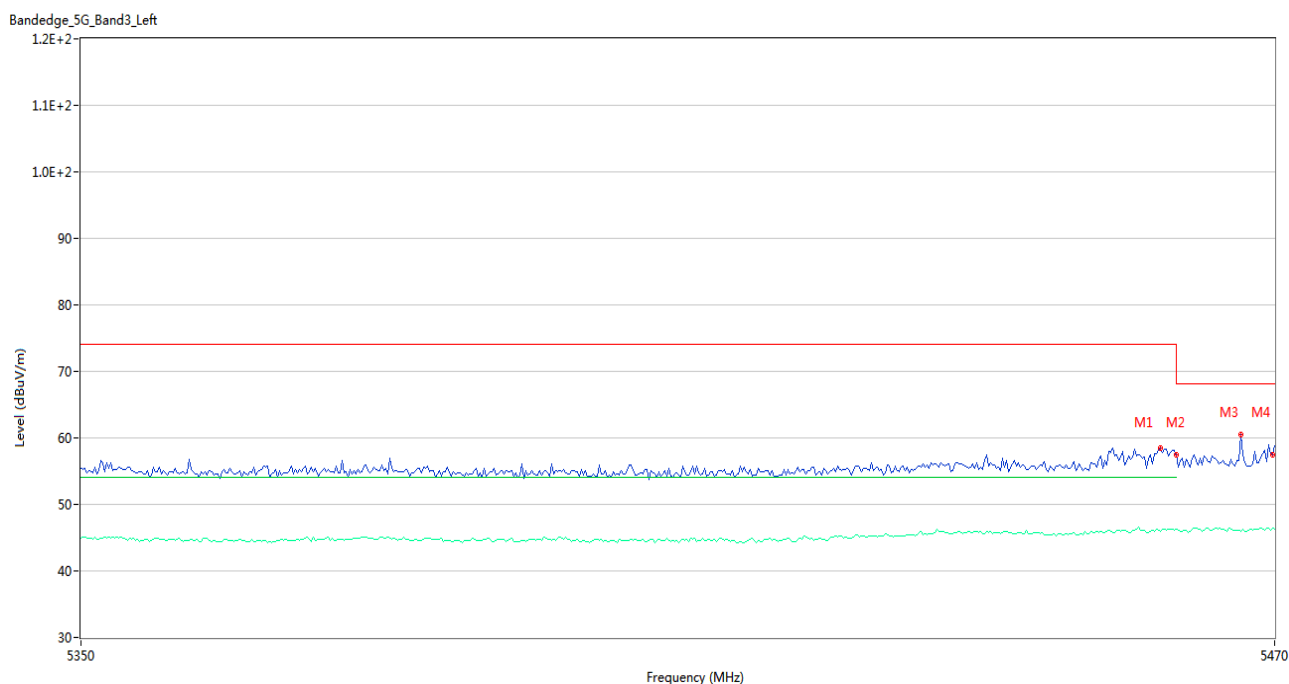
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.800	57.32	74.0	16.68	Peak	0.00	200	Horizontal	Pass
1**	5457.800	46.04	54.0	7.96	AV	0.00	200	Horizontal	Pass
2	5460.000	55.98	74.0	18.02	Peak	33.00	150	Horizontal	Pass
2**	5460.000	46.17	54.0	7.83	AV	33.00	150	Horizontal	Pass
3	5468.200	57.14	68.2	11.06	Peak	11.00	100	Horizontal	Pass
3**	5468.200	46.21	--	--	AV	11.00	100	Horizontal	N/A
4	5469.800	59.46	68.2	8.74	Peak	48.00	100	Horizontal	Pass
4**	5469.800	46.32	--	--	AV	48.00	100	Horizontal	N/A

U-NII-2C 11a High Channel



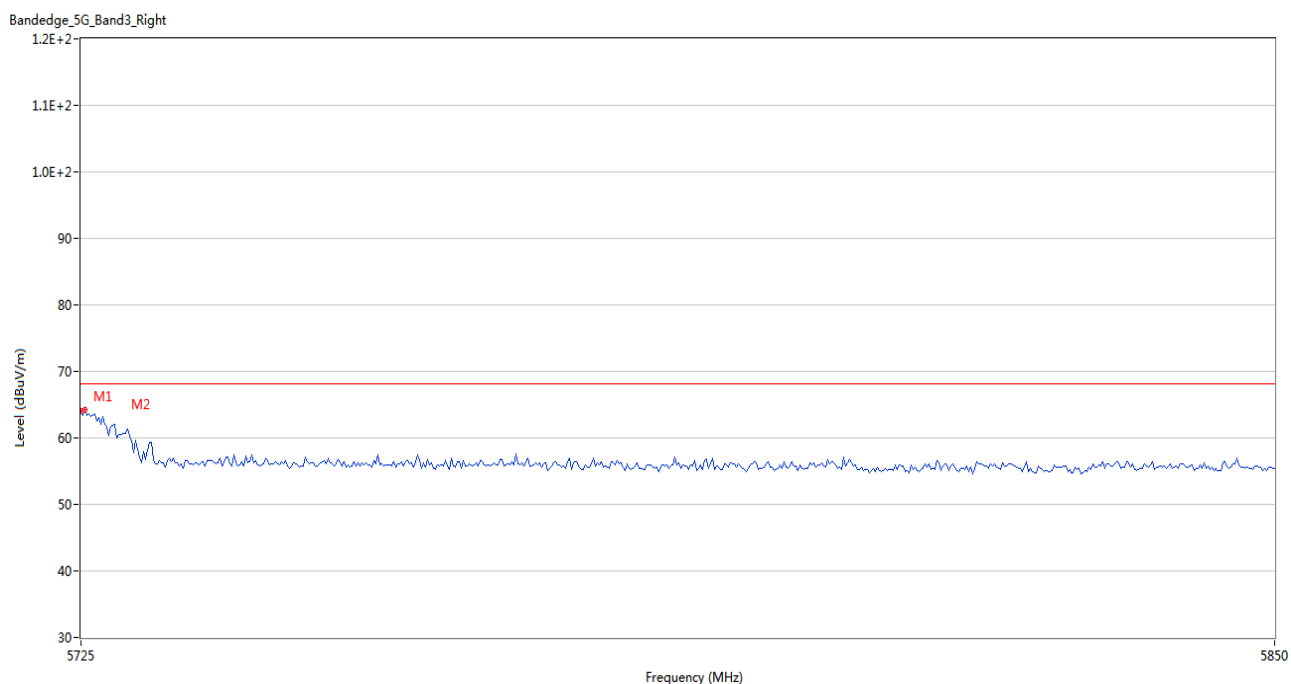
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.20	68.2	5.00	Peak	14.00	200	Horizontal	Pass
2	5725.625	64.46	68.2	3.74	Peak	38.00	100	Horizontal	Pass

U-NII-2C 11n20 Low Channel



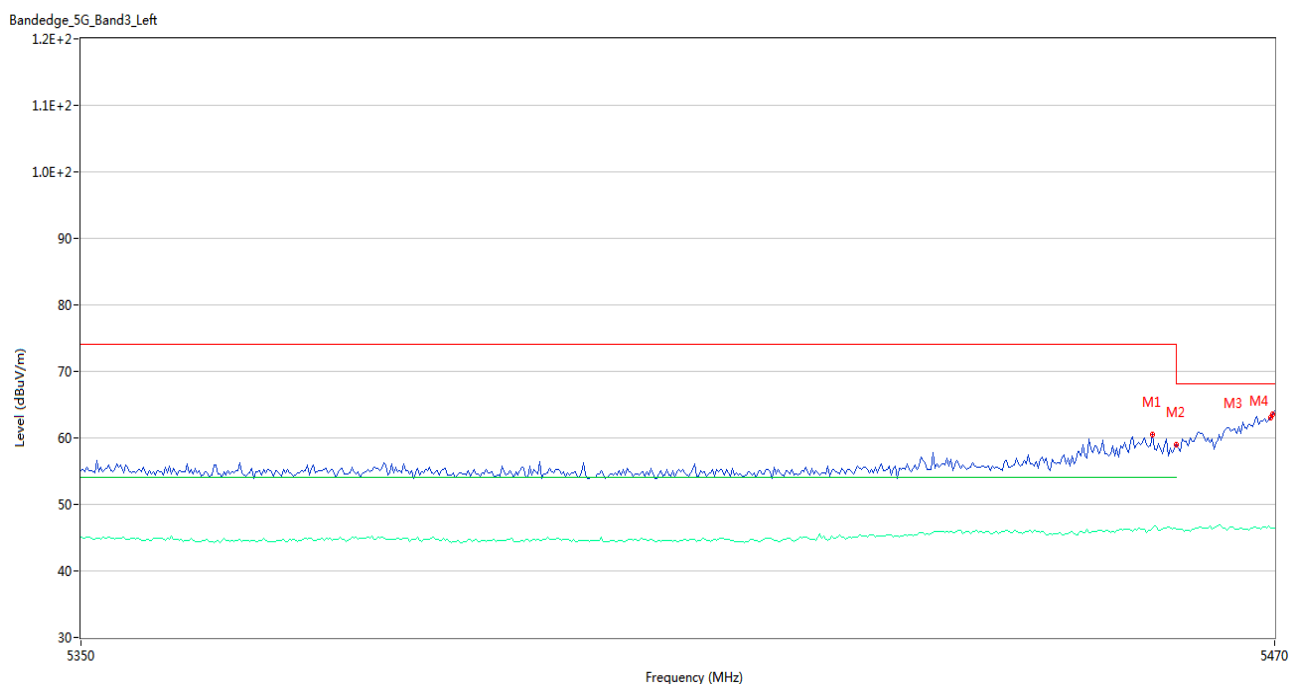
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.400	58.44	74.0	15.56	Peak	5.00	100	Horizontal	Pass
1**	5458.400	45.93	54.0	8.07	AV	5.00	100	Horizontal	Pass
2	5460.000	57.41	74.0	16.59	Peak	360.00	200	Horizontal	Pass
2**	5460.000	46.24	54.0	7.76	AV	360.00	200	Horizontal	Pass
3	5466.600	60.56	68.2	7.64	Peak	19.00	150	Horizontal	Pass
3**	5466.600	45.98	--	--	AV	19.00	150	Horizontal	N/A
4	5469.800	57.43	68.2	10.77	Peak	167.00	150	Horizontal	Pass
4**	5469.800	46.37	--	--	AV	167.00	150	Horizontal	N/A

U-NII-2C 11n20 High Channel



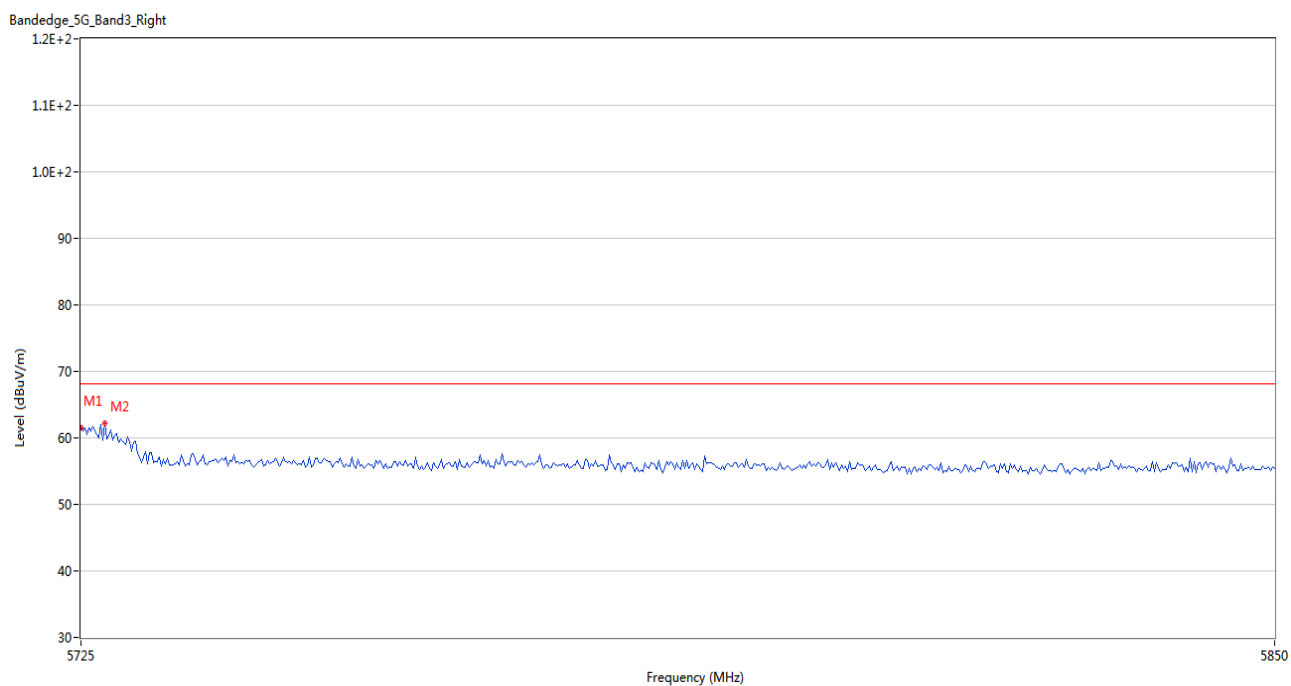
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.00	68.2	4.20	Peak	29.00	150	Horizontal	Pass
2	5725.416	64.24	68.2	3.96	Peak	32.00	200	Horizontal	Pass

U-NII-2C 11n40 Low Channel



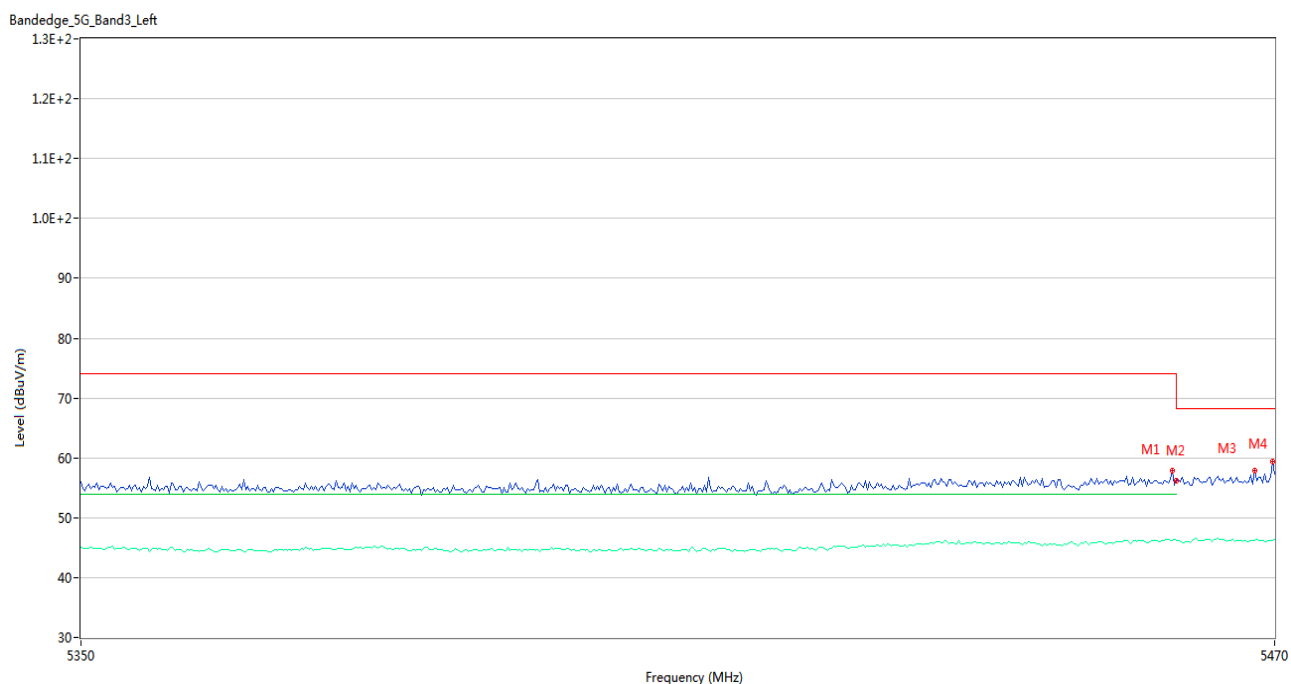
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.600	60.48	74.0	13.52	Peak	46.00	200	Horizontal	Pass
1**	5457.600	46.39	54.0	7.61	AV	46.00	200	Horizontal	Pass
2	5460.000	58.96	74.0	15.04	Peak	17.00	200	Horizontal	Pass
2**	5460.000	46.29	54.0	7.71	AV	17.00	200	Horizontal	Pass
3	5469.600	63.09	68.2	5.11	Peak	46.00	100	Horizontal	Pass
3**	5469.600	46.42	--	--	AV	46.00	100	Horizontal	N/A
4	5469.800	63.57	68.2	4.63	Peak	38.00	100	Horizontal	Pass
4**	5469.800	46.43	--	--	AV	38.00	100	Horizontal	N/A

U-NII-2C 11n40 High Channel



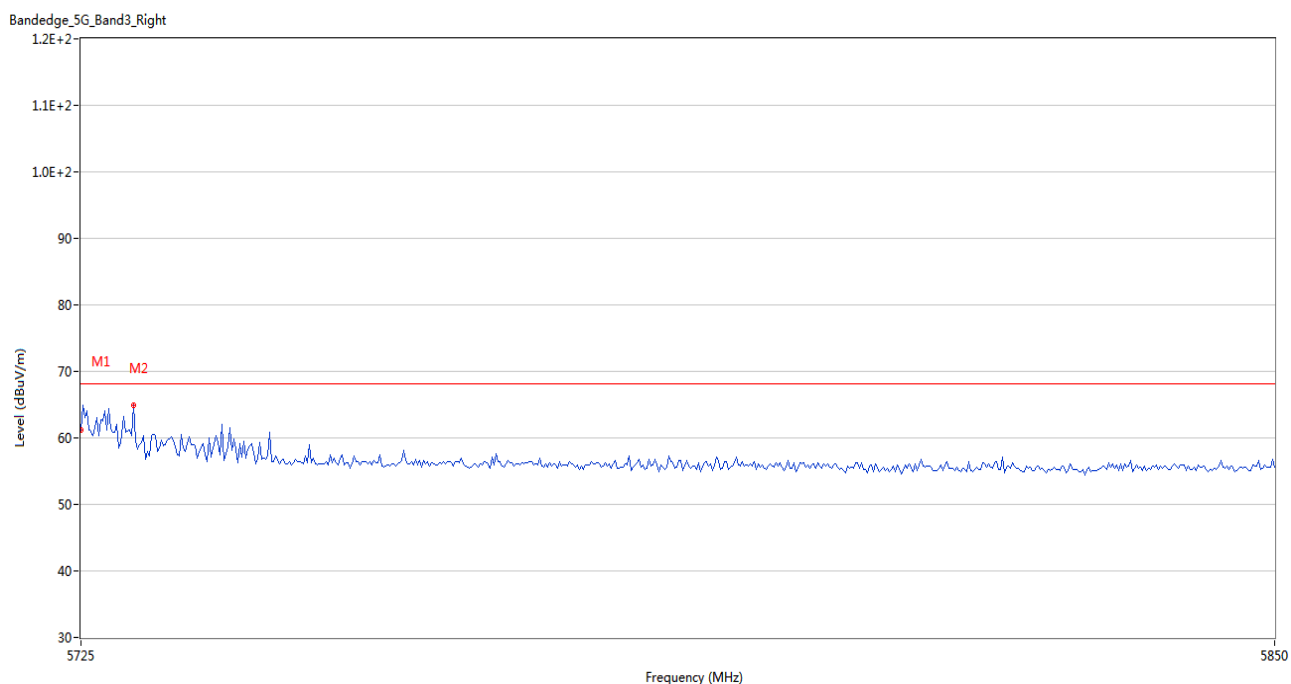
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.45	68.2	6.75	Peak	37.00	200	Horizontal	Pass
2	5727.500	62.15	68.2	6.05	Peak	37.00	200	Horizontal	Pass

U-NII-2C 11ac20 Low Channel



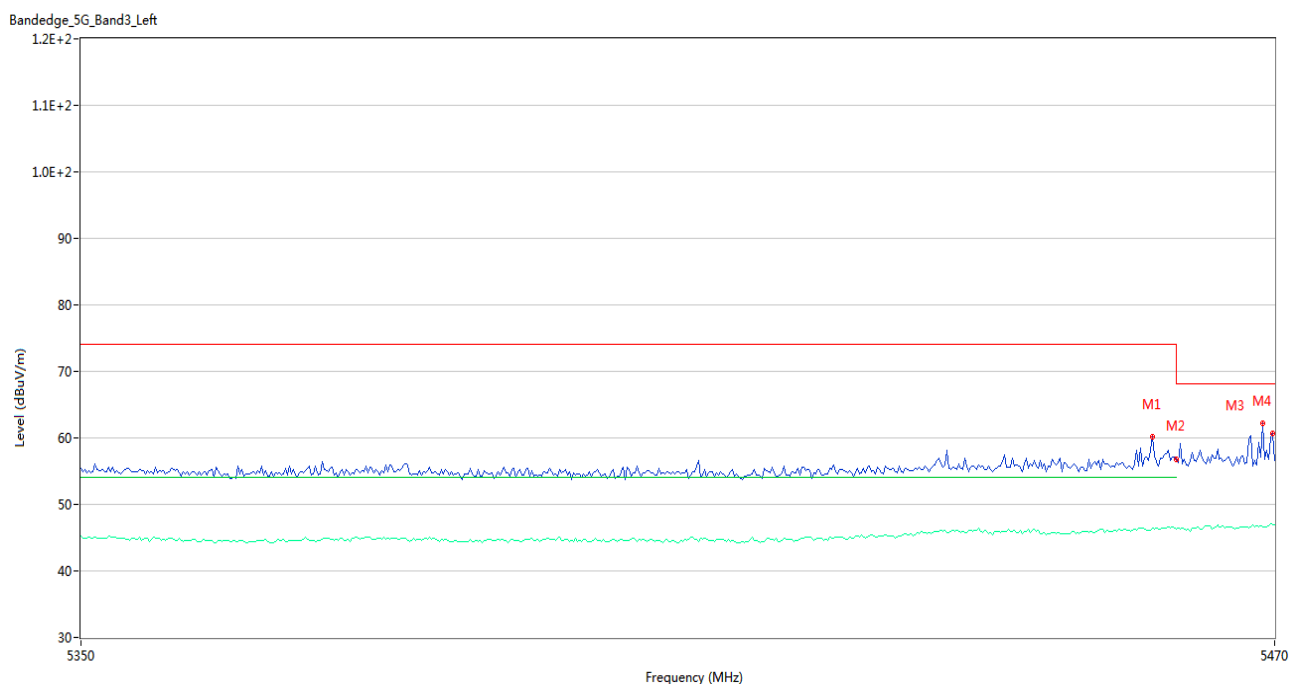
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5459.600	57.91	74.0	16.09	Peak	360.00	100	Horizontal	Pass
1**	5459.600	46.24	54.0	7.76	AV	360.00	100	Horizontal	Pass
2	5460.000	56.21	74.0	17.79	Peak	48.00	150	Horizontal	Pass
2**	5460.000	46.19	54.0	7.81	AV	48.00	150	Horizontal	Pass
3	5468.000	57.90	68.2	10.30	Peak	34.00	100	Horizontal	Pass
3**	5468.000	46.19	--	--	AV	34.00	100	Horizontal	N/A
4	5469.800	59.44	68.2	8.76	Peak	360.00	200	Horizontal	Pass
4**	5469.800	46.26	--	--	AV	360.00	200	Horizontal	N/A

U-NII-2C 11ac20 High Channel



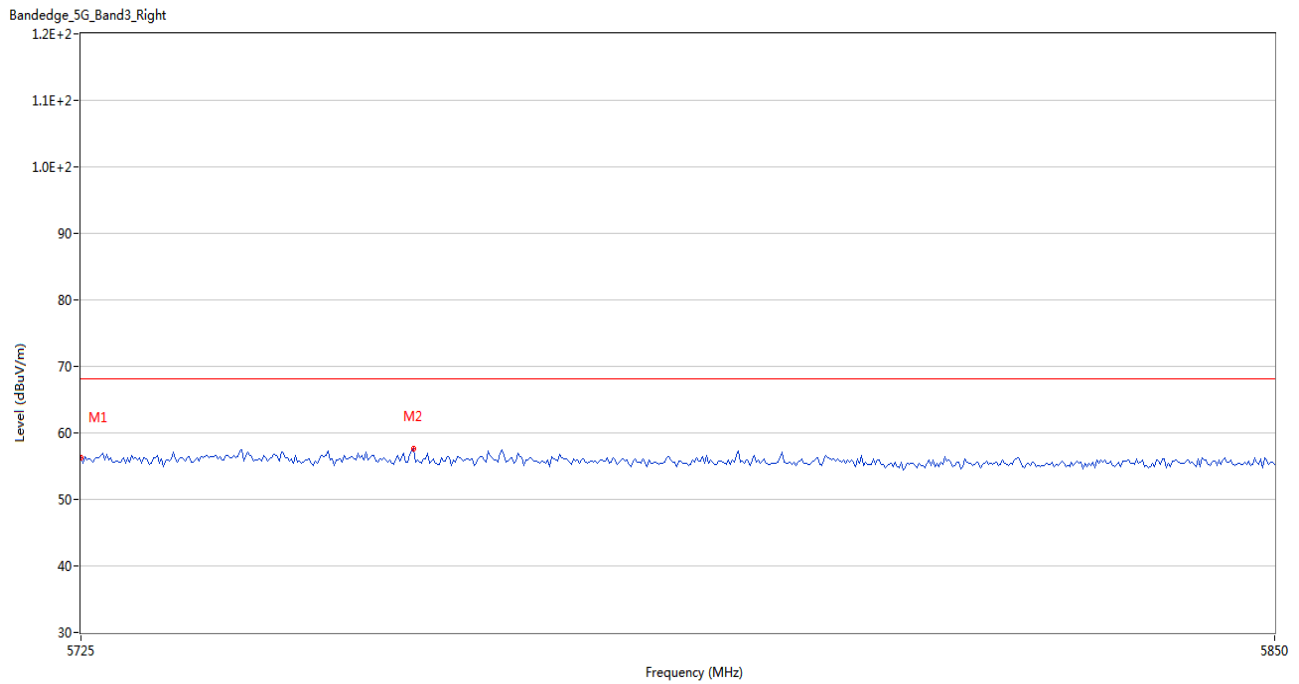
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.21	68.2	6.99	Peak	8.00	150	Horizontal	Pass
2	5730.417	64.86	68.2	3.34	Peak	31.00	200	Horizontal	Pass

U-NII-2C 11ac40 Low Channel



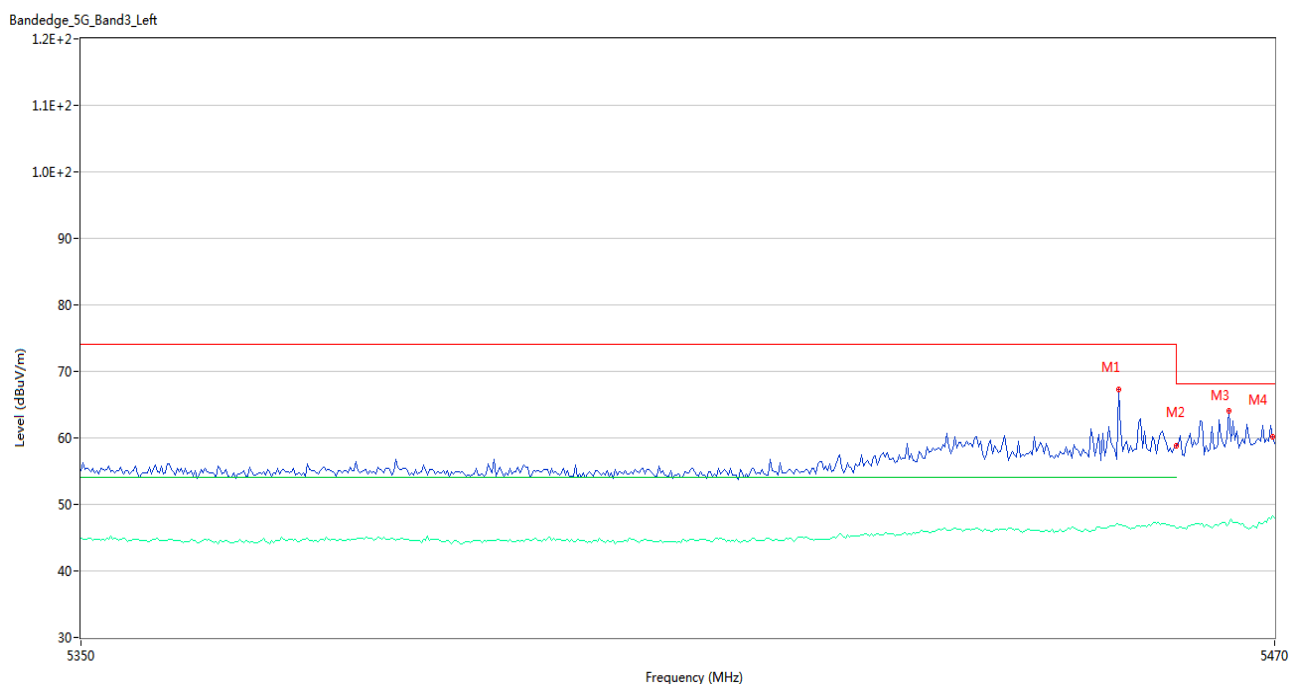
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5457.600	60.15	74.0	13.85	Peak	20.00	100	Horizontal	Pass
1**	5457.600	46.38	54.0	7.62	AV	20.00	100	Horizontal	Pass
2	5460.000	56.84	74.0	17.16	Peak	17.00	200	Horizontal	Pass
2**	5460.000	46.35	54.0	7.65	AV	17.00	200	Horizontal	Pass
3	5468.800	62.12	68.2	6.08	Peak	44.00	200	Horizontal	Pass
3**	5468.800	46.59	--	--	AV	44.00	200	Horizontal	N/A
4	5469.800	60.70	68.2	7.50	Peak	24.00	200	Horizontal	Pass
4**	5469.800	46.89	--	--	AV	24.00	200	Horizontal	N/A

U-NII-2C 11ac40 High Channel



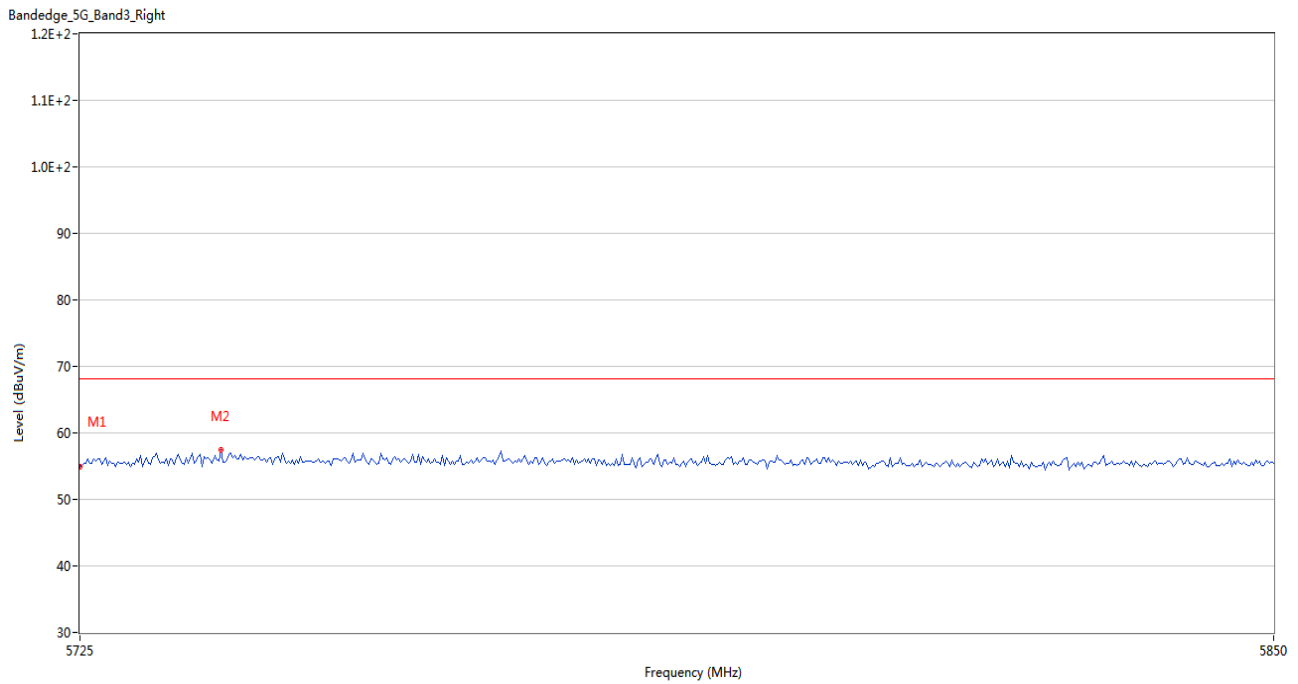
No.	Frequency (MHz)	Results (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	56.34	68.2	11.86	Peak	25.00	200	Horizontal	Pass
2	5759.584	57.55	68.2	10.65	Peak	42.00	200	Horizontal	Pass

U-NII-2C 11ac80 Low Channel



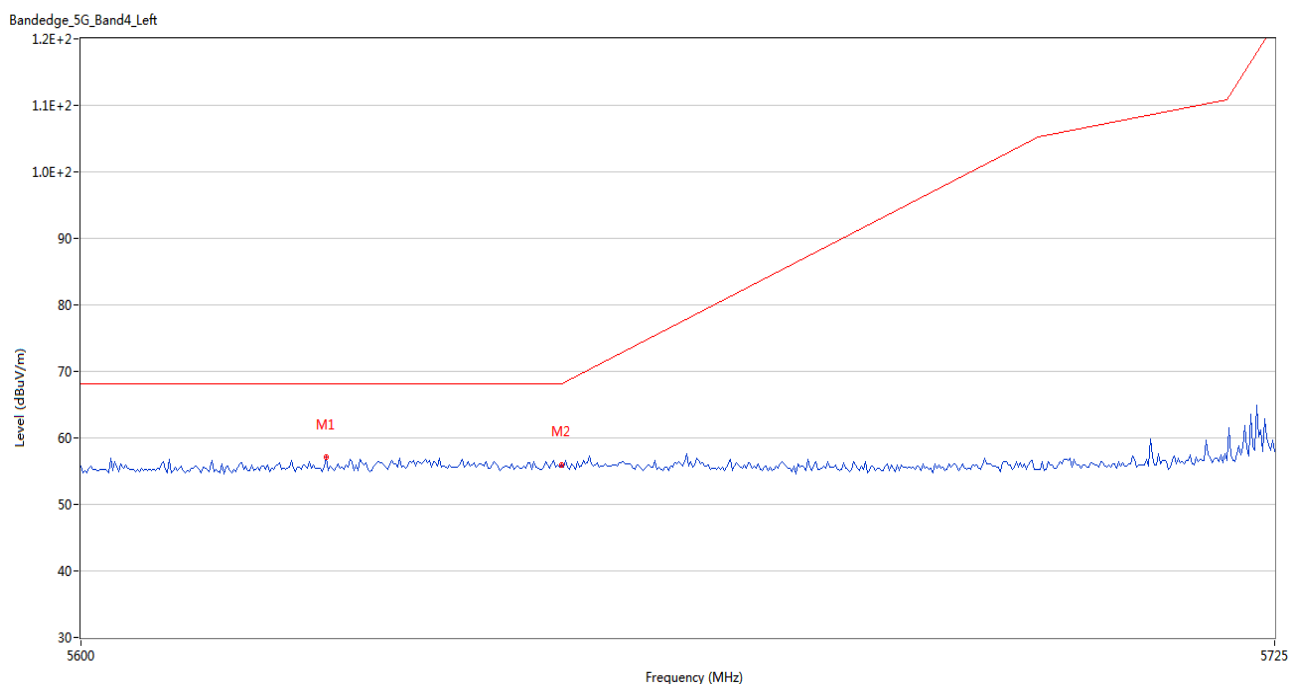
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5454.200	67.32	74.0	6.68	Peak	0.00	200	Horizontal	Pass
1**	5454.200	46.93	54.0	7.07	AV	0.00	200	Horizontal	Pass
2	5460.000	58.89	74.0	15.11	Peak	44.00	200	Horizontal	Pass
2**	5460.000	46.46	54.0	7.54	AV	44.00	200	Horizontal	Pass
3	5465.400	64.00	68.2	4.20	Peak	20.00	150	Horizontal	Pass
3**	5465.400	47.15	--	--	AV	20.00	150	Horizontal	N/A
4	5469.800	60.11	68.2	8.09	Peak	34.00	200	Horizontal	Pass
4**	5469.800	48.27	--	--	AV	34.00	200	Horizontal	N/A

U-NII-2C 11ac80 High Channel



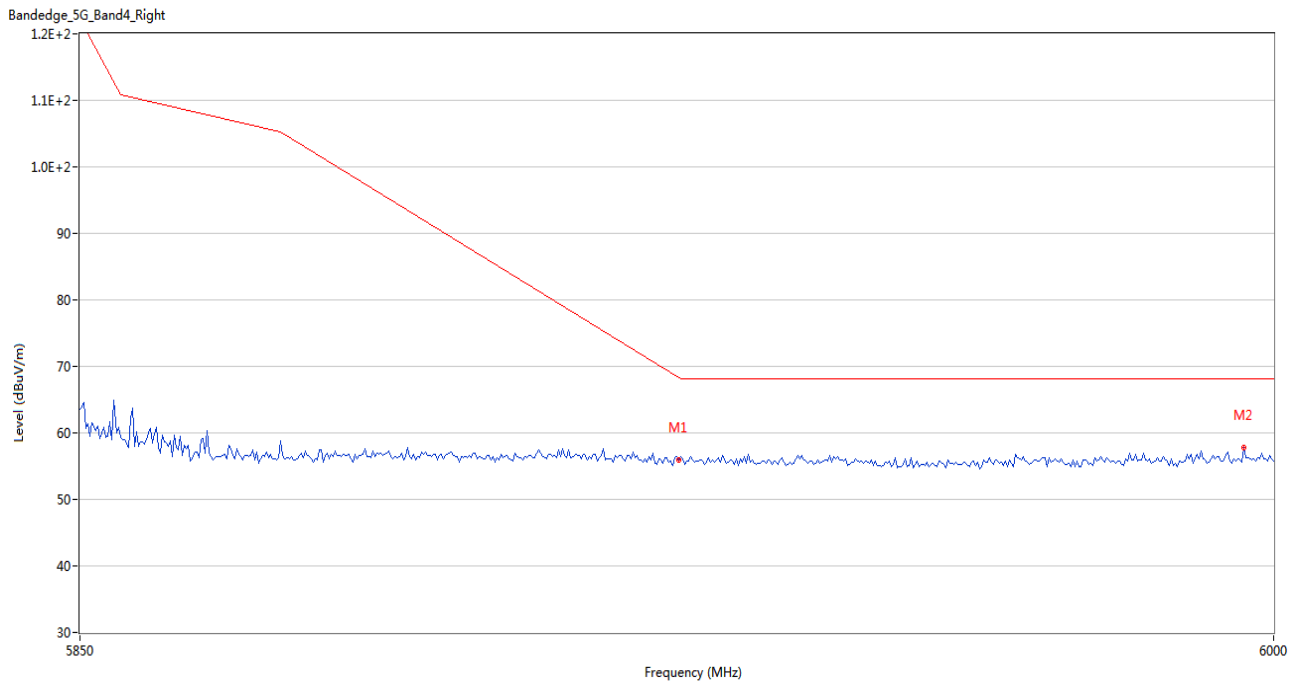
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	54.96	68.2	13.24	Peak	178.00	200	Horizontal	Pass
2	5739.583	57.49	68.2	10.71	Peak	31.00	200	Horizontal	Pass

U-NII-3 11a Low Channel



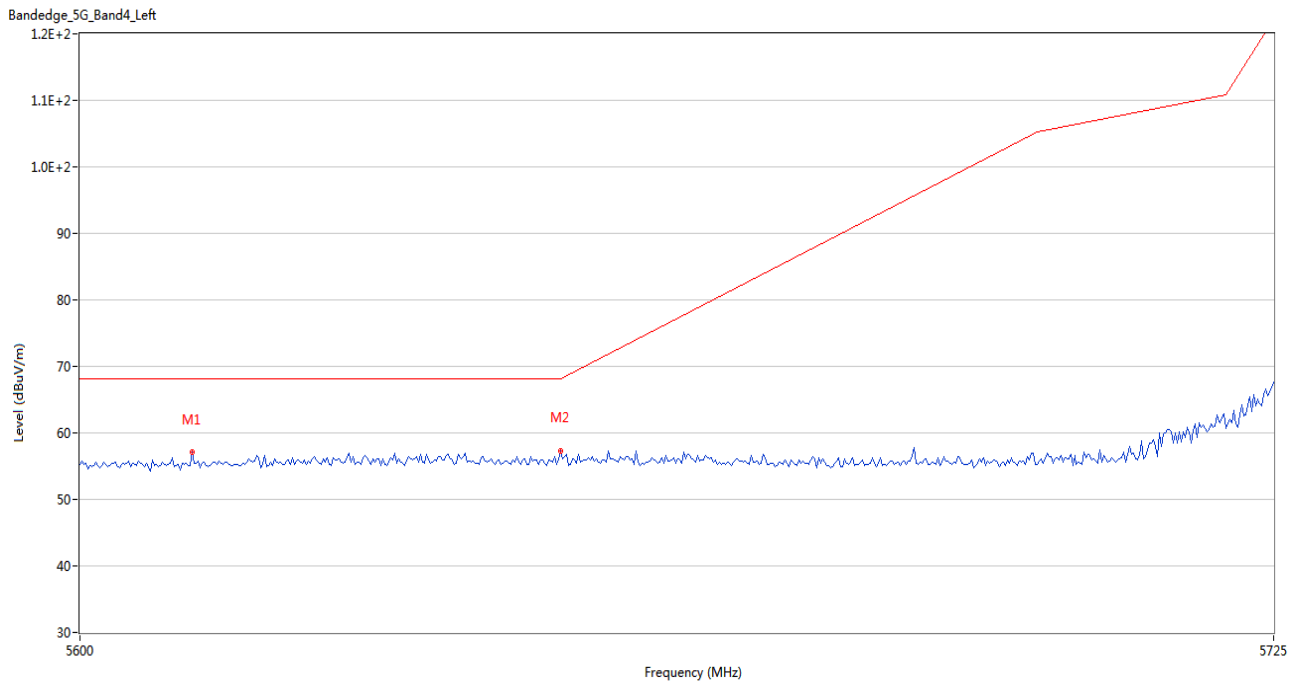
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5625.417	57.11	68.2	11.09	Peak	360.00	100	Horizontal	Pass
2	5650.000	55.99	68.2	12.21	Peak	0.00	150	Horizontal	Pass

U-NII-3 11a High Channel



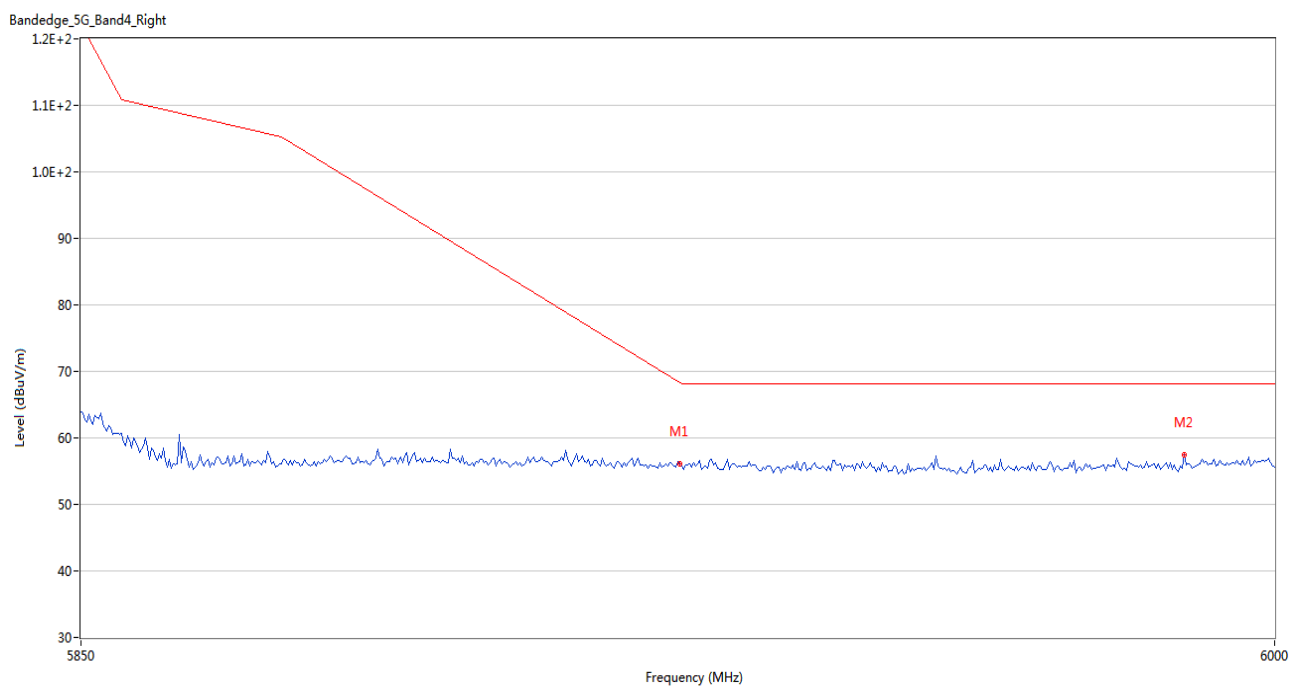
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	55.89	68.4	12.51	Peak	235.00	200	Horizontal	Pass
2	5996.250	57.79	68.2	10.41	Peak	320.00	150	Horizontal	Pass

U-NII-3 11n20 Low Channel



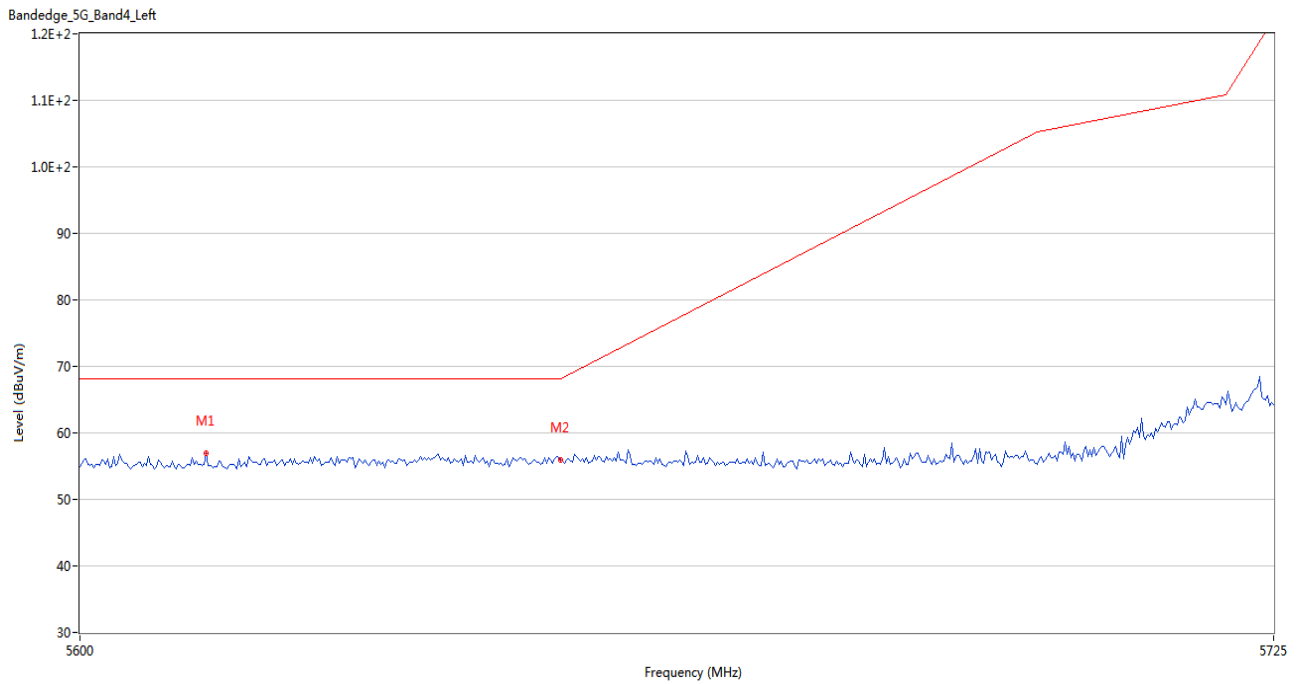
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5611.666	57.11	68.2	11.09	Peak	34.00	150	Horizontal	Pass
2	5650.000	57.37	68.2	10.83	Peak	141.00	150	Horizontal	Pass

U-NII-3 11n20 High Channel



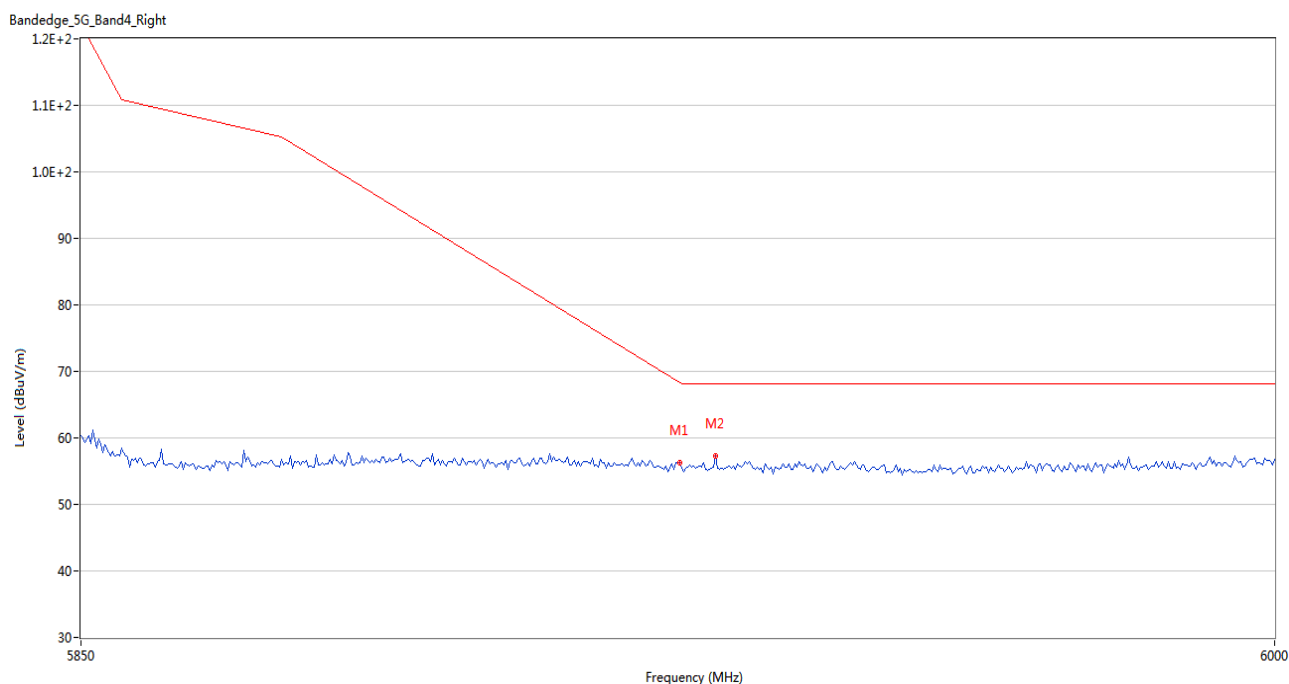
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.05	68.4	12.35	Peak	273.00	200	Horizontal	Pass
2	5988.500	57.42	68.2	10.78	Peak	244.00	150	Horizontal	Pass

U-NII-3 11n40 Low Channel



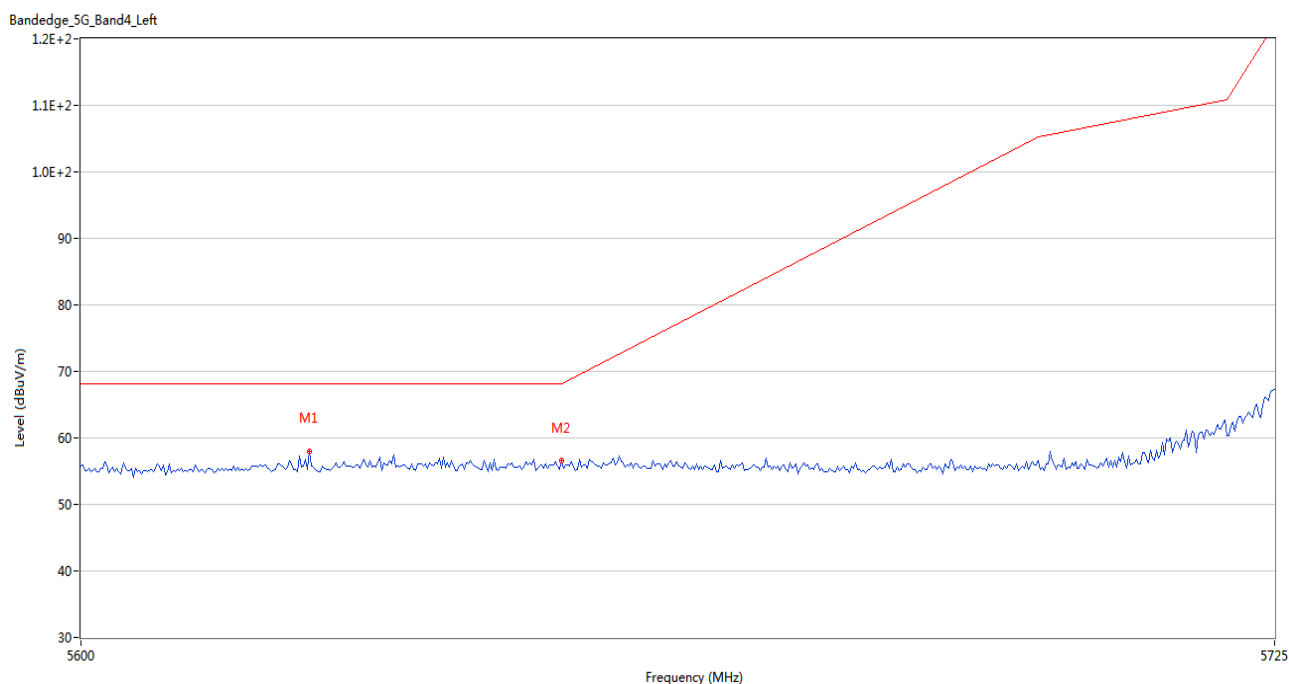
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5613.125	56.89	68.2	11.31	Peak	55.00	100	Horizontal	Pass
2	5650.000	55.89	68.2	12.31	Peak	301.00	150	Horizontal	Pass

U-NII-3 11n40 High Channel



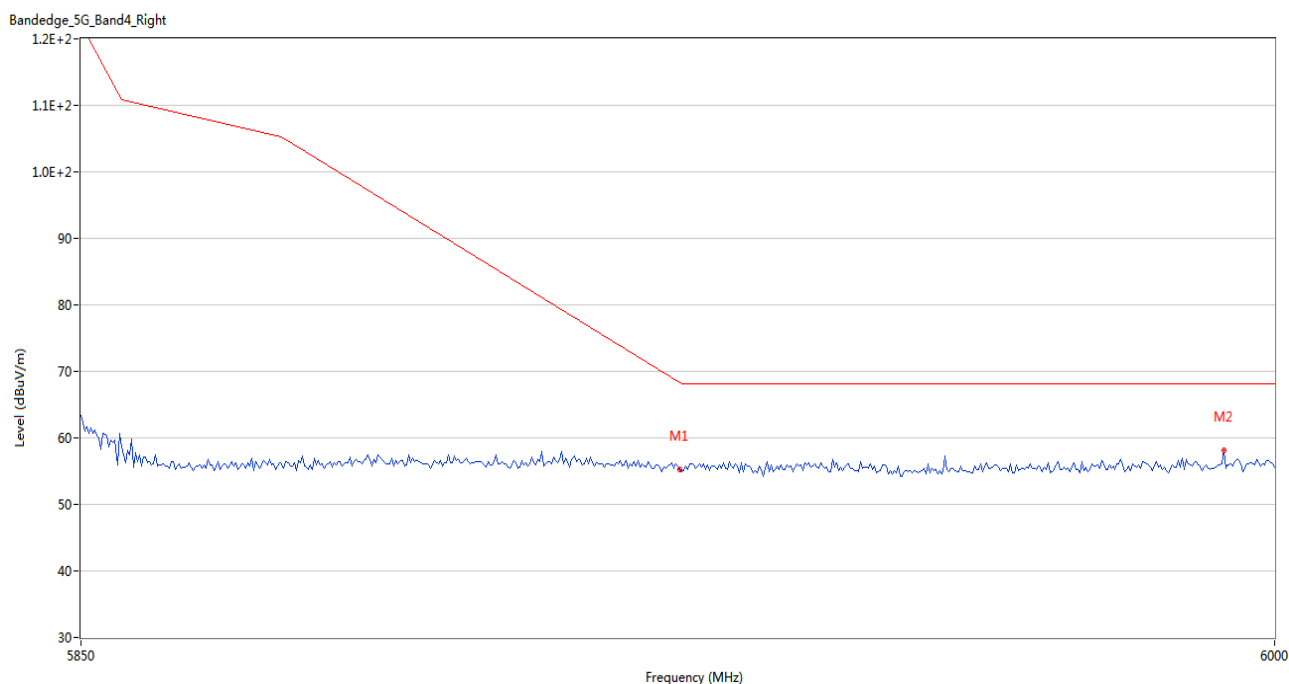
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	56.20	68.4	12.20	Peak	17.00	100	Horizontal	Pass
2	5929.250	57.25	68.2	10.95	Peak	225.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel



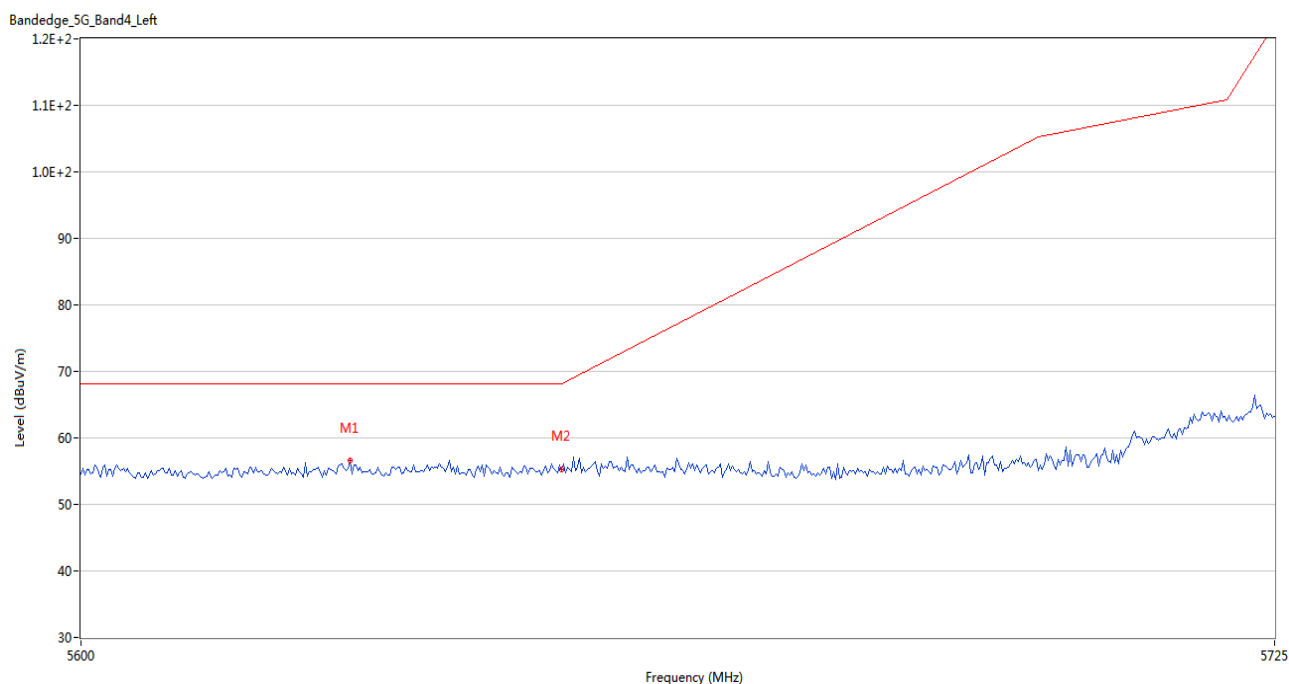
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5623.750	57.97	68.2	10.23	Peak	0.00	100	Horizontal	Pass
2	5650.000	56.57	68.2	11.63	Peak	108.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel



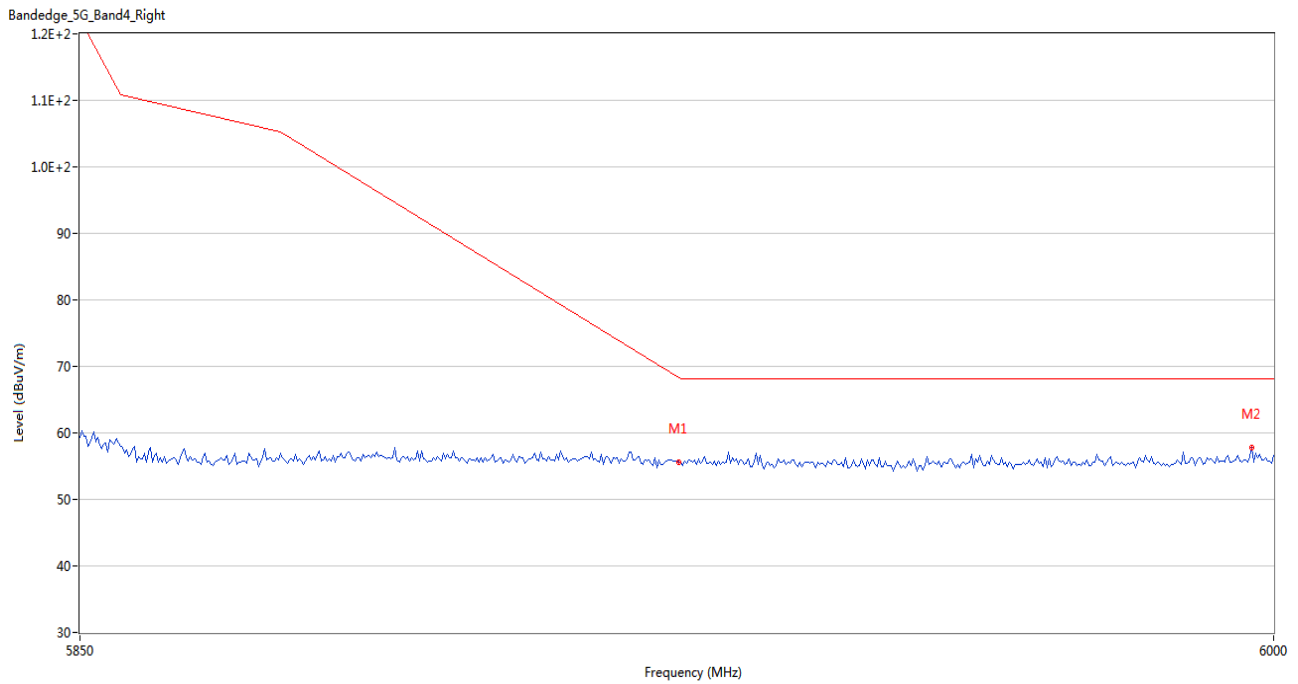
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	55.28	68.4	13.12	Peak	174.00	100	Horizontal	Pass
2	5993.500	58.16	68.2	10.04	Peak	181.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel



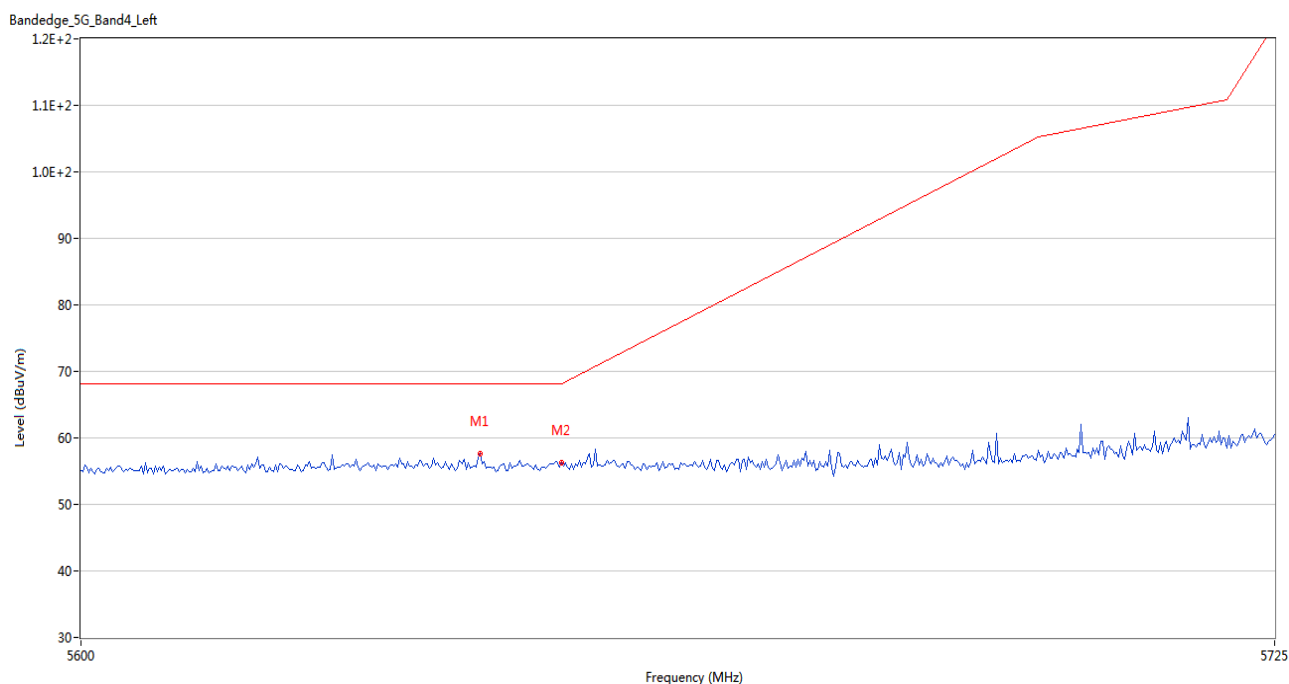
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5627.916	56.58	68.2	11.62	Peak	360.00	200	Horizontal	Pass
2	5650.000	55.34	68.2	12.86	Peak	360.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel



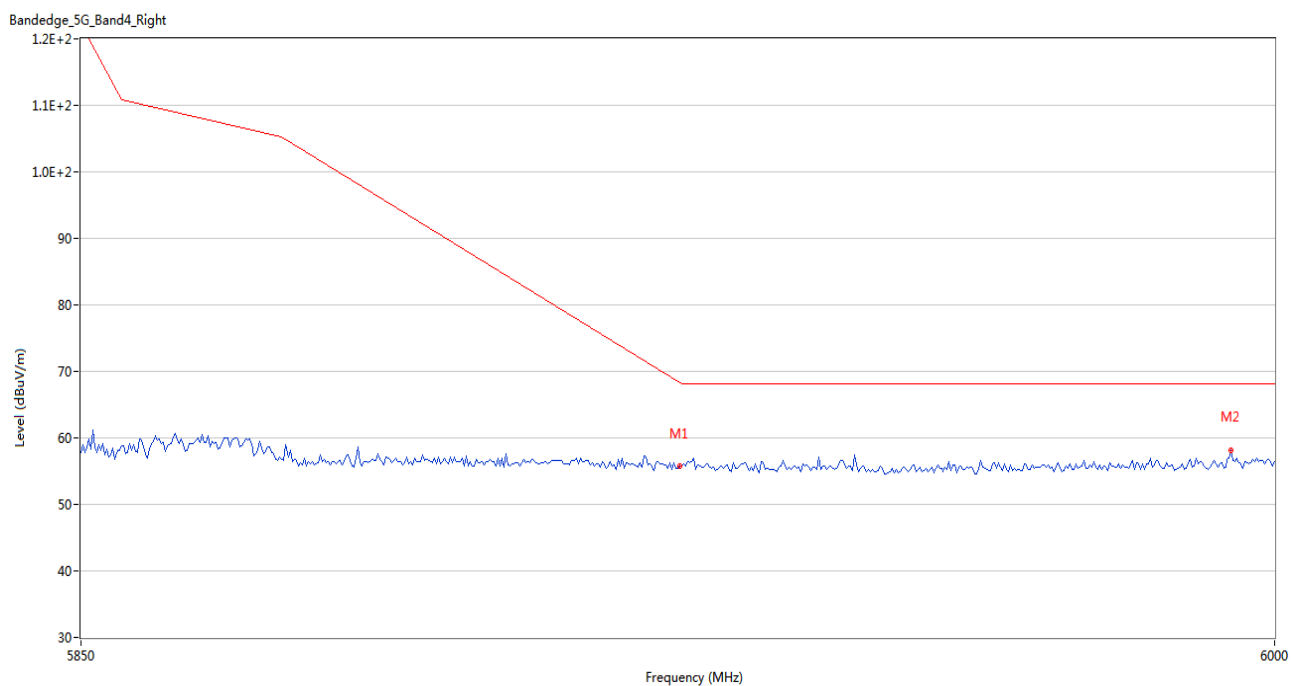
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.750	55.63	68.4	12.77	Peak	20.00	150	Horizontal	Pass
2	5997.250	57.80	68.2	10.40	Peak	76.00	150	Horizontal	Pass

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	5641.459	57.57	68.2	10.63	Peak	7.00	150	Horizontal	Pass
2	5650.000	56.23	68.2	11.97	Peak	19.00	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	55.74	68.4	12.66	Peak	80.00	200	Horizontal	Pass
2	5994.500	58.14	68.2	10.06	Peak	145.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “Ti-EE26050241-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “Ti-EE26050241-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “Ti-EE26050241-AI.PDF”.

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--END OF REPORT--