

TEST REPORT

Applicant: GripID SAS
Address: 267 Bd Pereire 75017 Paris, France
Equipment Type: Handheld Biometric Terminal
Model Name: GripID-FAP30 (refer to section 2.3)
Brand Name: /
FCC ID: 2BXPL-FAP30
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Jun. 03, 2026
Test Date: Jun. 09, 2026 - Sep. 01, 2026
Date of Issue: Sep. 11, 2026

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

**Tested by:** He Yuyang**Checked by:** Li Ganming**Approved by:** Liao Jianming
(Technical Director)

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Sep. 11, 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	GripID SAS
Address	267 Bd Pereire 75017 Paris, France

2.2 Manufacturer Information

Manufacturer	GripID SAS
Address	267 Bd Pereire 75017 Paris, France

2.3 General Description for Equipment under Test (EUT)

EUT Name	Handheld Biometric Terminal
Model Name Under Test	GripID-FAP3, GripID-FAP30CR
Series Model Name	BC4s
Description of Model name differentiation	1.GripID-FAP30 does not have a card reading function. 2.GripID-FAP30CR is equipped with a card reading function. 3.GripID-FAP30 and BC4s are different model names. 4.The antenna shapes of GripID-FAP30 and GripID-FAP30CR for BT/WIFI are different 5.The antenna sizes of NFC for GripID-FAP30 and GripID-FAP30CR are different (this information provided by the applicant)
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40), 802.11ac(VHT20/40/80) GNSS, 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: 29.92 mW U-NII-2A: 34.20 mW U-NII-2C: 30.76 mW U-NII-3: 41.11 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	monopole Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 1.19 dBi U-NII-2A: 5250 MHz to 5350 MHz: 0.34 dBi U-NII-2C: 5470 MHz to 5725 MHz: 0.83 dBi U-NII-3: 5725 MHz to 5850 MHz: 1.19 dBi
About the Product	The equipment is Handheld Biometric 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	138	5690
56	5280	110	5550	155	5775
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	142	5710		
108	5540	151	5755		
112	5560	159	5795		
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				
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	144	--	5720
116	Mid	5580	149	Low	5745
140	High	5700	157	Mid	5785
144	--	5720	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	142	--	5710
118	Mid	5590	151	Low	5755
134	High	5670	159	High	5795
142	--	5710			

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	138	--	5690

122	High	5610	155	Mid	5775
138	--	5690	--	--	--

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	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149/144
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149/144
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151/142
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155/138
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(20 MHz)	6.5		48/44/36	64/60/52	144/140/116/100	165/157/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/118/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	144/140/100	165/149/144
	11n(20 MHz)	6.5		48/36	64/52	144/140/100	165/149/144
	11n(40 MHz)	13.5		46/38	62/54	142/134/102	159/151/142
	11ac(20 MHz)	6.5		48/36	64/52	144/140/100	165/149/144
	11ac(40 MHz)	13.5		46/38	62/54	142/134/102	159/151/142
	11ac(80 MHz)	29.3		42	58	138/122/106	155/138

2.6 Additional Instructions

EUT Software Settings:

Mode	☒ Special software is used. The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.
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During testing. Channel and Power Controlling Software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product.

Power level setup in software			
Test Software Version	Engineer Mode		
Support Units (Software installation media)	Description	Manufacturer	Model
	Tablet Computer	N/A	N/A

U-NII-1 (5150 - 5250 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH36	5180	17.5
11a	CH44	5220	17.5
11a	CH48	5240	17.5
11n(HT20)	CH36	5180	17.5
11n(HT20)	CH44	5220	17.5
11n(HT20)	CH48	5240	17.5
11n(HT40)	CH38	5190	16.5
11n(HT40)	CH46	5230	17.5
11ac(VHT20)	CH36	5180	17.5
11ac(VHT20)	CH44	5220	17.5
11ac(VHT20)	CH48	5240	17.5
11ac(VHT40)	CH38	5190	16.5
11ac(VHT40)	CH46	5230	17.5
11ac(VHT80)	CH42	5210	13.5

U-NII-2A (5250 - 5350 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH52	5260	18.0
11a	CH60	5300	18.0
11a	CH64	5320	18.0
11n(HT20)	CH52	5260	18.0
11n(HT20)	CH60	5300	18.0
11n(HT20)	CH64	5320	18.0
11n(HT40)	CH54	5270	18.5
11n(HT40)	CH62	5310	17.5
11ac(VHT20)	CH52	5260	18.0
11ac(VHT20)	CH60	5300	18.0
11ac(VHT20)	CH64	5320	18.0
11ac(VHT40)	CH54	5270	18.0
11ac(VHT40)	CH62	5310	18.0
11ac(VHT80)	CH58	5290	16.0

U-NII-2C (5470 - 5725 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH100	5500	17.0
11a	CH116	5580	17.0
11a	CH140	5700	17.0
11n(HT20)	CH100	5500	17.0
11n(HT20)	CH116	5580	17.0
11n(HT20)	CH140	5700	17.0
11n(HT40)	CH102	5510	17.0
11n(HT40)	CH118	5590	17.0
11n(HT40)	CH134	5670	17.0
11ac(VHT20)	CH100	5500	17.0
11ac(VHT20)	CH116	5580	17.0
11ac(VHT20)	CH140	5700	17.0
11ac(VHT40)	CH102	5510	16.5
11ac(VHT40)	CH118	5590	17.0
11ac(VHT40)	CH134	5670	17.0
11ac(VHT80)	CH106	5530	13.0
11ac(VHT80)	CH122	5610	17.5

U-NII-3 (5725 - 5850 MHz) Power level setup in software			
Mode	Channel	Frequency (MHz)	Soft Set
11a	CH149	5745	18.5
11a	CH157	5785	18.5
11a	CH165	5825	18.5
11n(HT20)	CH149	5745	18.5
11n(HT20)	CH157	5785	18.5
11n(HT20)	CH165	5825	18.5
11n(HT40)	CH151	5755	18.5
11n(HT40)	CH159	5795	18.5
11ac(VHT20)	CH149	5745	18.5
11ac(VHT20)	CH157	5785	18.5
11ac(VHT20)	CH165	5825	18.5
11ac(VHT40)	CH151	5755	18.5
11ac(VHT40)	CH159	5795	18.5
11ac(VHT80)	CH155	5775	18.5

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024	American National Standard for Procedures for Compliance Testing of Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass ^{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.

Note ³: The main test model in this report is GripID-FAP30, and the series model is GripID-FAP30CR. The differences between the two are as below:

- 1、GripID-FAP30 does not have a card reading function
- 2、GripID-FAP30CR is equipped with a card reading function
- 3、With different model name
- 4、There is a difference in the shape of the BT/Wi-Fi antennas.
- 5、Different NFC antennas

Other hardware circuits and software are the same.

Therefore, This report tests the worst-case scenario of increased radiation spurious emission and band-edge (band-limited band-edge) for the model GripID-FAP30CR.

Note ⁴: The equipment used for the Conducted Emissions test was a LISN (FNSLK8127), and the test was conducted from Jul 09, 2026 to Jul 15, 2026. the test dates for other test items are from Jun. 09, 2026 to Sep.01,2026.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	45% to 59%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+19.4℃ to +22.5℃
Working Voltage of the EUT	NV (Normal Voltage)	3.85V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420186	2026.05.11	2027.05.10
Power meter	R&S	NRP8S	101498	2026.07.23	2027.06.22
Spectrum Analyzer	KEYSIGHT	N9020A	MY56060127	2025.12.25	2026.12.24
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Test Antenna-Bi-Log	Schwarzbeck	VULB 9163	01414	2023.11.03	2026.11.02
Test Antenna-Horn	Schwarzbeck	BBHA 9120D	02459	2023.10.26	2026.10.25
Test Antenna-Loop	Schwarzbeck	FMZB 1513-60	00015	2026.05.12	2028.05.11
Spectrum Analyzer	R&S	FSV40	101544	2025.10.30	2026.10.29
Anechoic Chamber	YIHENG	C8-966	107	2024.05.12	2027.05.11
EMI Receiver	Keysight	N9038A	MY55330121	2025.12.26	2026.12.25
Filtering unit	BALUN	SU319F	LW-SZ19D0001F01	N/A	N/A
Switching unit	BALUN	SU319	LW-SZ19D0001S01	N/A	N/A
EMI Receiver LISN	keysight SCHWARZBECK MESS-ELEKTRONIK	N9038B NSLK8127	MY61380132 01009	2025.12.26	2026.12.25
				2025.07.15	2026.07.14
LISN	SCHWARZBECK MESS-ELEKTRONIK	NSLK8127	01009	2026.06.22	2027.06.21

Description	Manufacturer	Model	Parameter
Power Adapter	SHENZHEN SUNSHINE TECHNOLOGICAL CO., LTD	XSP-20TEUA1 (EU Plug)	100-240V/AC 50/60Hz 0.5A MAX

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%

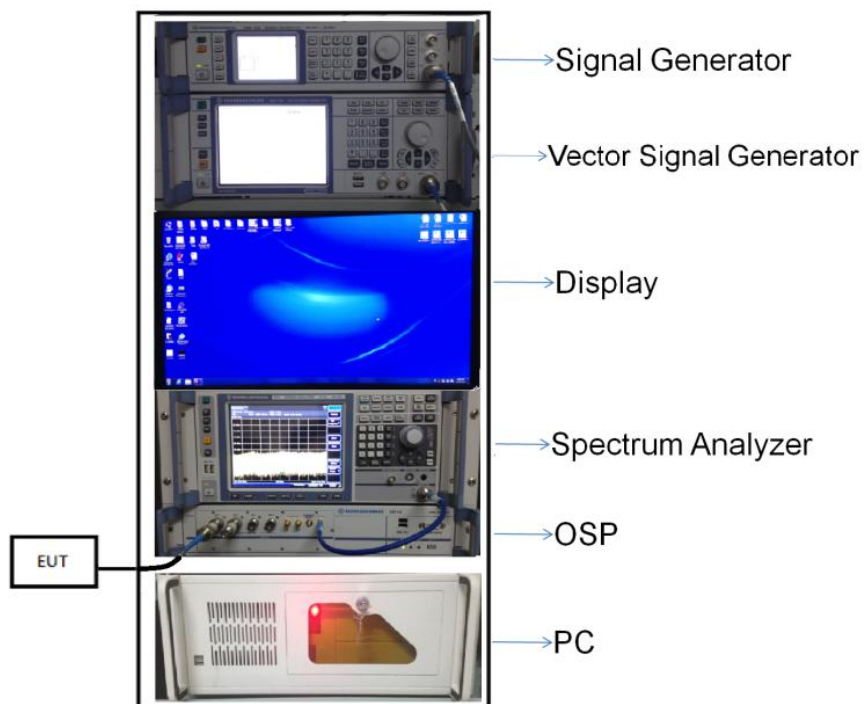
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

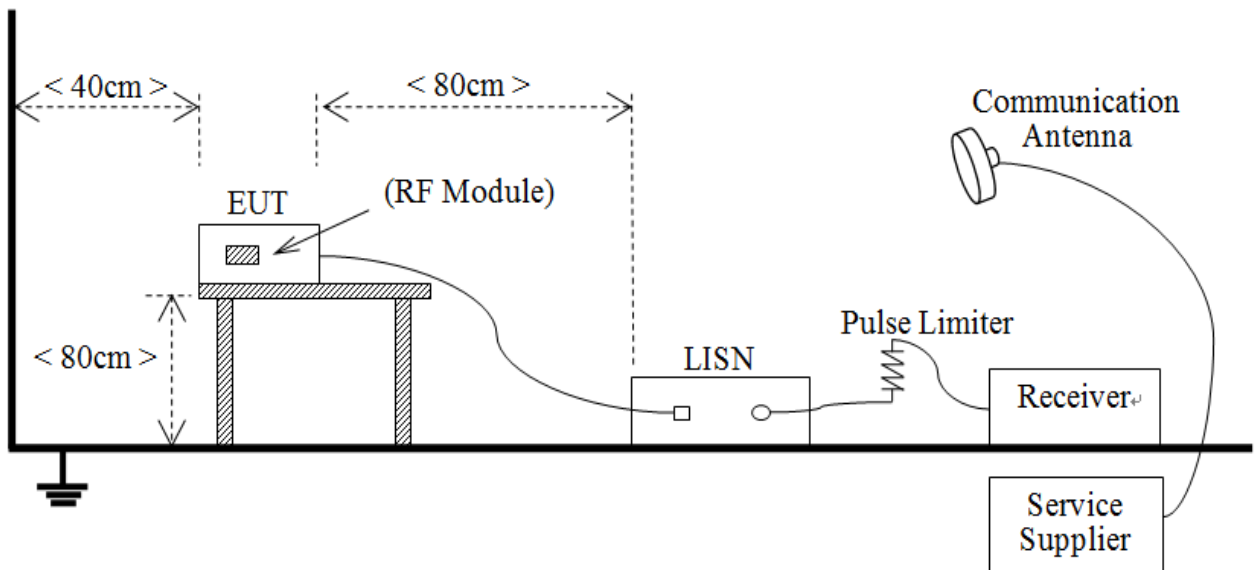
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



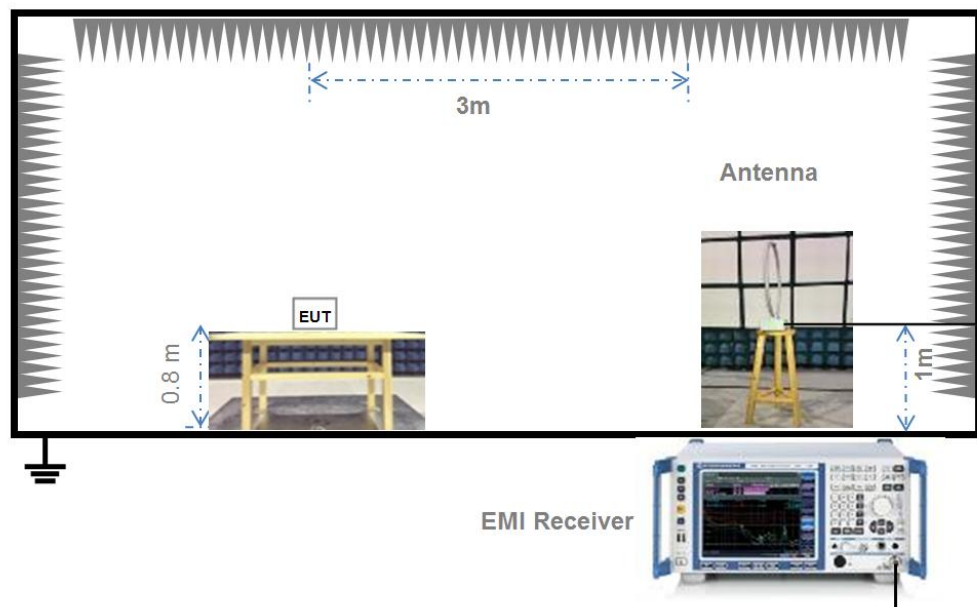
(Diagram 1)

4.5.2 For AC Power Supply Port Test



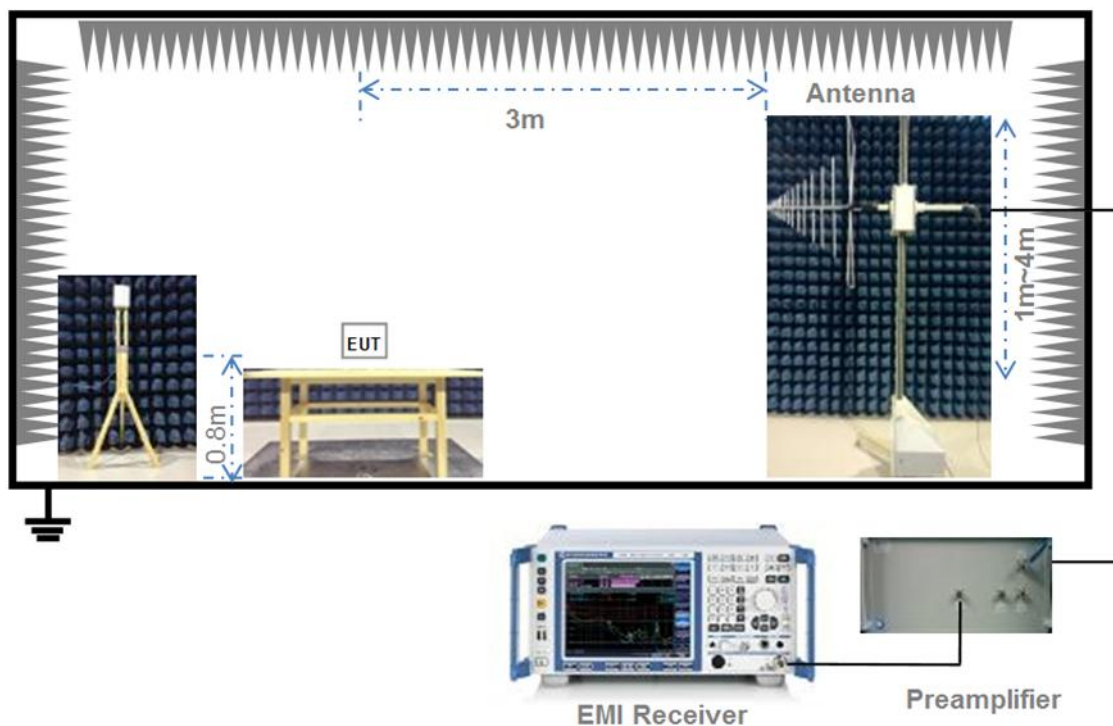
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



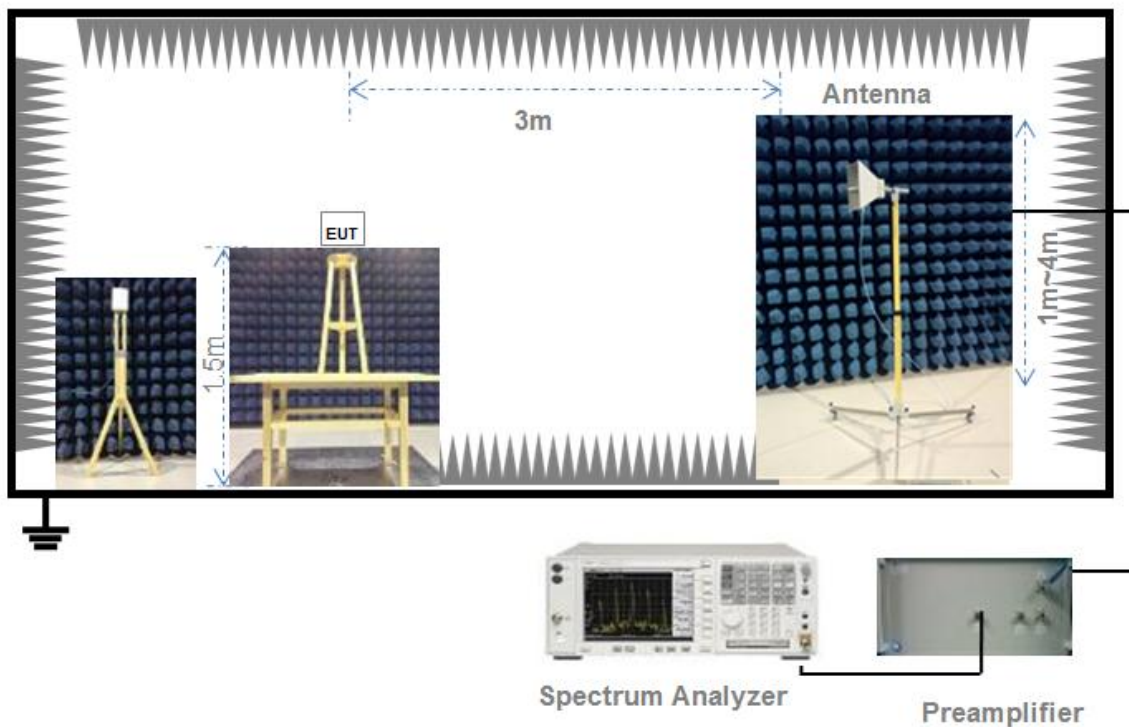
(Diagram 3)

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 ($\mu\text{V}/\text{m}$)	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 $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.
 - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.
 - 3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

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

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band emission; however, in order to determine the associated EIRP level, the gain of the transmitting

antenna (in dBi) must be added to the measured output power (in dBm).

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

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

Radiated spurious emission test

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

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

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

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11a	2.02	2.06	97.82%	0.10
11n(HT20)/11ac(VHT20)	1.88	1.92	97.76%	0.10
11n(HT40)/11ac(VHT40)	0.91	0.97	94.76%	0.23
11ac(VHT80)	0.45	0.50	91.60%	0.38

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.63	29.04	1000	Pass
11a	CH44	14.03	25.29	1000	Pass
11a	CH48	13.67	23.28	1000	Pass
11n(HT20)	CH36	13.99	25.06	1000	Pass
11n(HT20)	CH44	13.85	24.27	1000	Pass
11n(HT20)	CH48	14.00	25.12	1000	Pass
11n(HT40)	CH38	13.35	21.63	1000	Pass
11n(HT40)	CH46	14.76	29.92	1000	Pass
11ac(VHT20)	CH36	14.50	28.18	1000	Pass
11ac(VHT20)	CH44	14.37	27.35	1000	Pass
11ac(VHT20)	CH48	13.54	22.59	1000	Pass
11ac(VHT40)	CH38	13.74	23.66	1000	Pass
11ac(VHT40)	CH46	14.23	26.49	1000	Pass
11ac(VHT80)	CH42	10.22	10.52	1000	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.59	28.77	250	Pass
11a	CH60	14.58	28.71	250	Pass
11a	CH64	14.64	29.11	250	Pass
11n(HT20)	CH52	13.98	25.00	250	Pass
11n(HT20)	CH60	14.45	27.86	250	Pass
11n(HT20)	CH64	14.52	28.31	250	Pass
11n(HT40)	CH54	15.08	32.21	250	Pass
11n(HT40)	CH62	14.29	26.85	250	Pass
11ac(VHT20)	CH52	14.68	29.38	250	Pass
11ac(VHT20)	CH60	14.49	28.12	250	Pass
11ac(VHT20)	CH64	14.54	28.44	250	Pass
11ac(VHT40)	CH54	15.34	34.20	250	Pass
11ac(VHT40)	CH62	14.93	31.12	250	Pass
11ac(VHT80)	CH58	12.25	16.79	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	14.88	30.76	250	Pass
11a	CH116	14.46	27.93	250	Pass
11a	CH140	14.55	28.51	250	Pass
11n(HT20)	CH100	14.45	27.86	250	Pass
11n(HT20)	CH116	14.21	26.36	250	Pass
11n(HT20)	CH140	14.42	27.67	250	Pass
11n(HT40)	CH102	14.53	28.38	250	Pass
11n(HT40)	CH118	14.59	28.77	250	Pass
11n(HT40)	CH134	14.64	29.11	250	Pass
11ac(VHT20)	CH100	14.49	28.12	250	Pass
11ac(VHT20)	CH116	14.24	26.55	250	Pass
11ac(VHT20)	CH140	14.52	28.31	250	Pass
11ac(VHT40)	CH102	14.07	25.53	250	Pass
11ac(VHT40)	CH118	14.23	26.49	250	Pass
11ac(VHT40)	CH134	14.79	30.13	250	Pass
11ac(VHT80)	CH106	10.47	11.14	250	Pass
11ac(VHT80)	CH122	14.75	29.85	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	16.12	40.93	1000	Pass
11a	CH157	15.83	38.28	1000	Pass
11a	CH165	15.74	37.50	1000	Pass
11n(HT20)	CH149	15.80	38.02	1000	Pass
11n(HT20)	CH157	15.71	37.24	1000	Pass
11n(HT20)	CH165	15.60	36.31	1000	Pass
11n(HT40)	CH151	16.14	41.11	1000	Pass
11n(HT40)	CH159	15.72	37.33	1000	Pass
11ac(VHT20)	CH149	15.81	38.11	1000	Pass
11ac(VHT20)	CH157	15.69	37.07	1000	Pass
11ac(VHT20)	CH165	15.80	38.02	1000	Pass
11ac(VHT40)	CH151	15.82	38.19	1000	Pass
11ac(VHT40)	CH159	15.70	37.15	1000	Pass
11ac(VHT80)	CH155	15.86	38.55	1000	Pass

U-NII-2C straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	14.55	28.51	250	Pass
11n(HT20)	CH144	14.44	27.80	250	Pass
11n(HT40)	CH142	14.88	30.76	250	Pass
11ac(VHT20)	CH144	14.69	29.44	250	Pass
11ac(VHT40)	CH142	14.58	28.71	250	Pass
11ac(VHT80)	CH138	14.57	28.64	250	Pass

U-NII-3 straddle channel					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH144	14.72	29.65	1000	Pass
11n(HT20)	CH144	14.43	27.73	1000	Pass
11n(HT40)	CH142	14.63	29.04	1000	Pass
11ac(VHT20)	CH144	14.44	27.80	1000	Pass
11ac(VHT40)	CH142	14.57	28.64	1000	Pass
11ac(VHT80)	CH138	14.60	28.84	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: Ti-CC26060115-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	21.84	16.61
11a	CH44	21.83	16.62
11a	CH48	22.03	16.62
11n(HT20)	CH36	23.15	17.73
11n(HT20)	CH44	23.25	17.74
11n(HT20)	CH48	23.36	17.75
11n(HT40)	CH38	41.29	36.20
11n(HT40)	CH46	41.09	36.23
11ac(VHT20)	CH36	22.61	17.76
11ac(VHT20)	CH44	22.91	17.76
11ac(VHT20)	CH48	23.15	17.78
11ac(VHT40)	CH38	41.10	36.23
11ac(VHT40)	CH46	41.26	36.23
11ac(VHT80)	CH42	89.00	75.83

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.30	16.64
11a	CH60	22.03	16.59
11a	CH64	21.91	16.63
11n(HT20)	CH52	23.12	17.75
11n(HT20)	CH60	22.58	17.74
11n(HT20)	CH64	23.34	17.76
11n(HT40)	CH54	40.97	36.21
11n(HT40)	CH62	41.40	36.26
11ac(VHT20)	CH52	22.56	17.76
11ac(VHT20)	CH60	23.12	17.78
11ac(VHT20)	CH64	22.96	17.78
11ac(VHT40)	CH54	41.31	36.21
11ac(VHT40)	CH62	41.40	36.24
11ac(VHT80)	CH58	88.61	75.93

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	26.90	17.11
11a	CH116	26.29	17.05
11a	CH140	32.45	19.33
11n(HT20)	CH100	25.05	18.01
11n(HT20)	CH116	25.69	18.03
11n(HT20)	CH140	31.25	18.76
11n(HT40)	CH102	68.52	36.53
11n(HT40)	CH118	70.71	36.67
11n(HT40)	CH134	77.27	37.08
11ac(VHT20)	CH100	26.11	18.15
11ac(VHT20)	CH116	25.59	18.05
11ac(VHT20)	CH140	38.59	21.60
11ac(VHT40)	CH102	75.36	36.73
11ac(VHT40)	CH118	74.43	36.65
11ac(VHT40)	CH134	79.73	37.49
11ac(VHT80)	CH106	160.00	82.62
11ac(VHT80)	CH122	160.00	103.93

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	37.57	23.26
11a	CH157	31.91	19.07
11a	CH165	33.41	20.32
11n(HT20)	CH149	39.96	24.04
11n(HT20)	CH157	32.88	19.02
11n(HT20)	CH165	34.02	19.94
11n(HT40)	CH151	80.00	55.66
11n(HT40)	CH159	80.00	39.43
11ac(VHT20)	CH149	38.65	22.97
11ac(VHT20)	CH157	31.95	19.33
11ac(VHT20)	CH165	39.12	21.91
11ac(VHT40)	CH151	76.49	36.80
11ac(VHT40)	CH159	79.88	42.93
11ac(VHT80)	CH155	160.00	109.85

U-NII-2C straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	22.59	15.29
11n(HT20)	CH144	23.82	15.89
11n(HT40)	CH142	55.00	34.85
11ac(VHT20)	CH144	20.41	14.63
11ac(VHT40)	CH142	55.00	41.83
11ac(VHT80)	CH138	115.00	87.52

U-NII-3 straddle channel			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH144	12.22	5.52
11n(HT20)	CH144	13.17	5.98
11n(HT40)	CH142	24.96	4.29
11ac(VHT20)	CH144	11.24	4.84
11ac(VHT40)	CH142	25.00	9.78
11ac(VHT80)	CH138	45.00	10.94

A.3 6 dB Bandwidth

Note ¹: Test plots please refer to the document “Annex No.: Ti-CC26060115-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	16.50	500.00	Pass
11a	CH157	16.20	500.00	Pass
11a	CH165	15.30	500.00	Pass
11n(HT20)	CH149	17.50	500.00	Pass
11n(HT20)	CH157	14.90	500.00	Pass
11n(HT20)	CH165	17.10	500.00	Pass
11n(HT40)	CH151	36.20	500.00	Pass
11n(HT40)	CH159	35.90	500.00	Pass
11ac(VHT20)	CH149	17.20	500.00	Pass
11ac(VHT20)	CH157	15.80	500.00	Pass
11ac(VHT20)	CH165	17.40	500.00	Pass
11ac(VHT40)	CH151	35.90	500.00	Pass
11ac(VHT40)	CH159	36.50	500.00	Pass
11ac(VHT80)	CH155	75.30	500.00	Pass

U-NII-3 straddle channel				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH144	3.00	500.00	Pass
11n(HT20)	CH144	3.40	500.00	Pass
11n(HT40)	CH142	2.60	500.00	Pass
11ac(VHT20)	CH144	2.60	500.00	Pass
11ac(VHT40)	CH142	2.60	500.00	Pass
11ac(VHT80)	CH138	2.60	500.00	Pass

A.4 Power Spectral Density

Note 1: Test plots please refer to the document "Annex No.: Ti-CC26060115-604 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	4.11	0.10	4.20	11.00	Pass
11a	CH44	3.28	0.10	3.38	11.00	Pass
11a	CH48	2.84	0.10	2.93	11.00	Pass
11n(HT20)	CH36	3.65	0.10	3.75	11.00	Pass
11n(HT20)	CH44	2.87	0.10	2.97	11.00	Pass
11n(HT20)	CH48	2.94	0.10	3.04	11.00	Pass
11n(HT40)	CH38	0.38	0.23	0.61	11.00	Pass
11n(HT40)	CH46	0.13	0.23	0.36	11.00	Pass
11ac(VHT20)	CH36	3.74	0.10	3.84	11.00	Pass
11ac(VHT20)	CH44	2.95	0.10	3.05	11.00	Pass
11ac(VHT20)	CH48	3.01	0.10	3.11	11.00	Pass
11ac(VHT40)	CH38	0.89	0.23	1.12	11.00	Pass
11ac(VHT40)	CH46	0.15	0.23	0.38	11.00	Pass
11ac(VHT80)	CH42	-2.70	0.38	-2.32	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	3.87	0.10	3.96	11.00	Pass
11a	CH60	3.61	0.10	3.71	11.00	Pass
11a	CH64	3.57	0.10	3.67	11.00	Pass
11n(HT20)	CH52	3.10	0.10	3.20	11.00	Pass
11n(HT20)	CH60	3.75	0.10	3.85	11.00	Pass
11n(HT20)	CH64	2.90	0.10	3.00	11.00	Pass
11n(HT40)	CH54	1.47	0.23	1.70	11.00	Pass
11n(HT40)	CH62	0.83	0.23	1.07	11.00	Pass
11ac(VHT20)	CH52	3.67	0.10	3.77	11.00	Pass
11ac(VHT20)	CH60	3.08	0.10	3.18	11.00	Pass
11ac(VHT20)	CH64	3.52	0.10	3.62	11.00	Pass
11ac(VHT40)	CH54	1.04	0.23	1.27	11.00	Pass
11ac(VHT40)	CH62	0.49	0.23	0.72	11.00	Pass
11ac(VHT80)	CH58	-2.58	0.38	-2.20	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	5.88	0.10	5.97	11.00	Pass
11a	CH116	5.61	0.10	5.71	11.00	Pass
11a	CH140	5.76	0.10	5.85	11.00	Pass
11n(HT20)	CH100	5.56	0.10	5.66	11.00	Pass
11n(HT20)	CH116	5.50	0.10	5.60	11.00	Pass
11n(HT20)	CH140	5.24	0.10	5.34	11.00	Pass
11n(HT40)	CH102	2.16	0.23	2.40	11.00	Pass
11n(HT40)	CH118	2.17	0.23	2.40	11.00	Pass
11n(HT40)	CH134	2.27	0.23	2.50	11.00	Pass
11ac(VHT20)	CH100	5.47	0.10	5.57	11.00	Pass
11ac(VHT20)	CH116	5.20	0.10	5.30	11.00	Pass
11ac(VHT20)	CH140	5.60	0.10	5.70	11.00	Pass
11ac(VHT40)	CH102	2.54	0.23	2.78	11.00	Pass
11ac(VHT40)	CH118	2.19	0.23	2.42	11.00	Pass
11ac(VHT40)	CH134	2.80	0.23	3.04	11.00	Pass
11ac(VHT80)	CH106	-0.73	0.38	-0.35	11.00	Pass
11ac(VHT80)	CH122	-0.67	0.38	-0.28	11.00	Pass

U-NII-3 (5725 - 5850 MHz)						
Mode	Channel	Measured PSD (dBm/500k Hz)	Duty Factor	PSD (dBm/500k Hz)	FCC Limit (dBm/500k Hz)	Verdict
11a	CH149	2.96	0.10	3.05	30.00	Pass
11a	CH157	2.59	0.10	2.69	30.00	Pass
11a	CH165	1.96	0.10	2.06	30.00	Pass
11n(HT20)	CH149	2.67	0.10	2.77	30.00	Pass
11n(HT20)	CH157	2.26	0.10	2.36	30.00	Pass
11n(HT20)	CH165	1.66	0.10	1.76	30.00	Pass
11n(HT40)	CH151	0.02	0.23	0.25	30.00	Pass
11n(HT40)	CH159	-0.35	0.23	-0.12	30.00	Pass
11ac(VHT20)	CH149	2.55	0.10	2.65	30.00	Pass
11ac(VHT20)	CH157	2.38	0.10	2.47	30.00	Pass
11ac(VHT20)	CH165	1.79	0.10	1.89	30.00	Pass
11ac(VHT40)	CH151	-2.90	0.23	-2.66	30.00	Pass
11ac(VHT40)	CH159	-0.31	0.23	-0.08	30.00	Pass
11ac(VHT80)	CH155	-2.94	0.38	-2.55	30.00	Pass

U-NII-2C straddle channel						
Mode	Channel	Measured PSD (dBm/MHz)	Duty Factor	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH144	4.51	0.10	4.60	11.00	Pass
11n(HT20)	CH144	4.13	0.10	4.23	11.00	Pass
11n(HT40)	CH142	1.46	0.23	1.69	11.00	Pass
11ac(VHT20)	CH144	4.14	0.10	4.23	11.00	Pass
11ac(VHT40)	CH142	1.48	0.23	1.71	11.00	Pass
11ac(VHT80)	CH138	-1.50	0.38	-1.12	11.00	Pass

U-NII-3 straddle channel						
Mode	Channel	Measured PSD (dBm/500kHz)	Duty Factor	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH144	2.82	0.10	2.91	30.00	Pass
11n(HT20)	CH144	2.52	0.10	2.62	30.00	Pass
11n(HT40)	CH142	-0.31	0.23	-0.08	30.00	Pass
11ac(VHT20)	CH144	2.35	0.10	2.45	30.00	Pass
11ac(VHT40)	CH142	0.19	0.23	0.43	30.00	Pass
11ac(VHT80)	CH138	-3.28	0.38	-2.89	30.00	Pass

A.5 Conducted Emissions

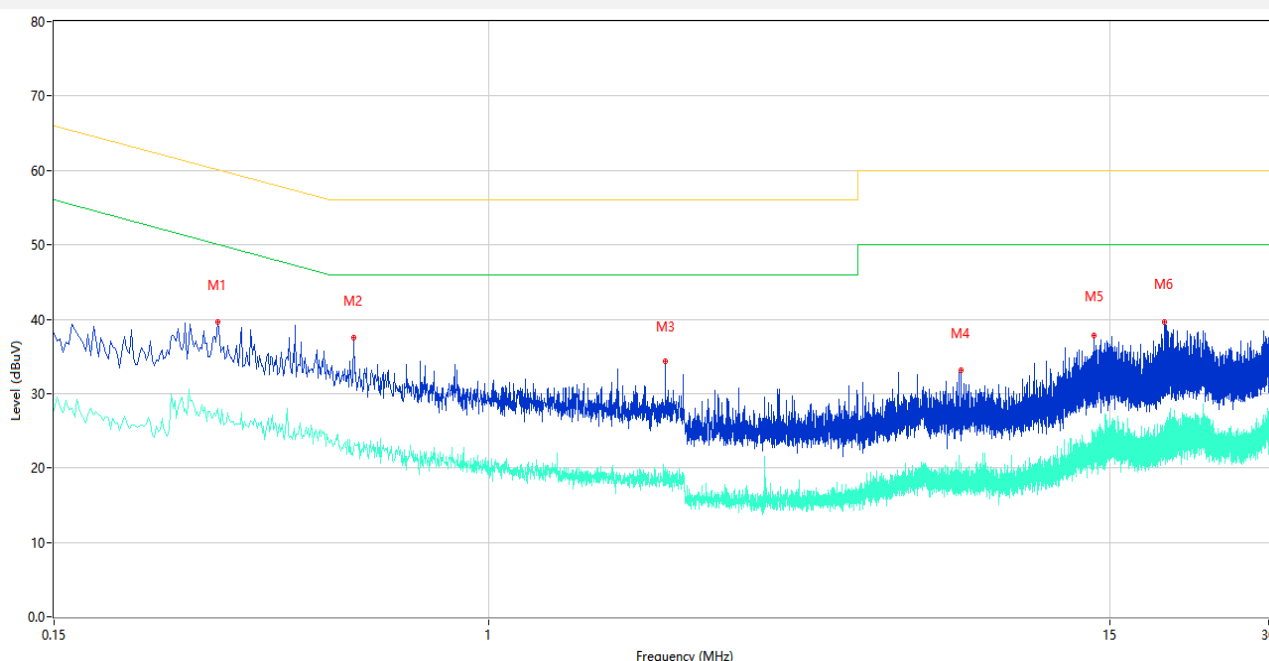
Note¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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)

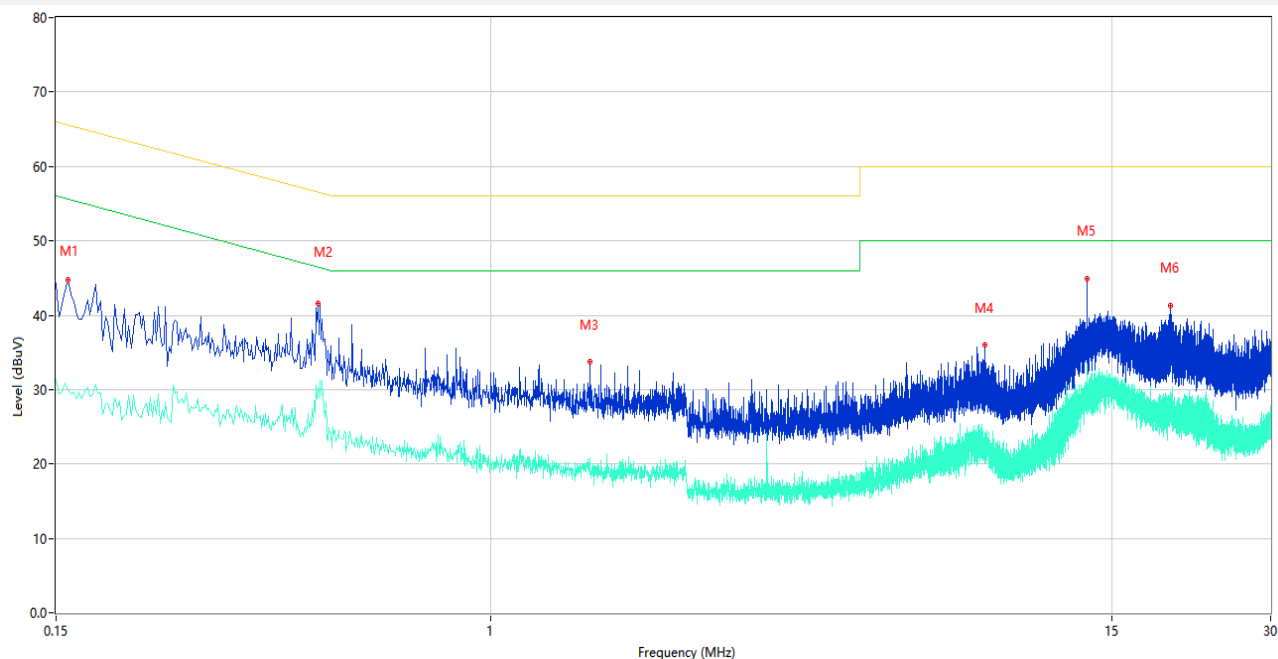
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.306	39.63	10.23	60.08	20.45	Peak	L	Pass
1**	0.306	27.98	10.23	50.08	22.10	AV	L	Pass
2	0.554	37.49	10.26	56.00	18.51	Peak	L	Pass
2**	0.554	22.66	10.26	46.00	23.34	AV	L	Pass
3	2.160	34.39	10.48	56.00	21.61	Peak	L	Pass
3**	2.160	19.10	10.48	46.00	26.90	AV	L	Pass
4	7.852	33.08	12.26	60.00	26.92	Peak	L	Pass
4**	7.852	20.60	12.26	50.00	29.40	AV	L	Pass
5	14.028	37.83	13.59	60.00	22.17	Peak	L	Pass
5**	14.028	24.05	13.59	50.00	25.95	AV	L	Pass
6	19.072	39.66	14.85	60.00	20.34	Peak	L	Pass
6**	19.072	25.62	14.85	50.00	24.38	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	44.70	10.23	65.57	20.87	Peak	N	Pass
1**	0.158	29.95	10.23	55.57	25.62	AV	N	Pass
2	0.470	41.64	10.23	56.51	14.87	Peak	N	Pass
2**	0.470	30.27	10.23	46.51	16.24	AV	N	Pass
3	1.542	33.78	10.36	56.00	22.22	Peak	N	Pass
3**	1.542	18.64	10.36	46.00	27.36	AV	N	Pass
4	8.612	36.03	12.34	60.00	23.97	Peak	N	Pass
4**	8.612	24.20	12.34	50.00	25.80	AV	N	Pass
5	13.484	44.91	13.45	60.00	15.09	Peak	N	Pass
5**	13.484	30.75	13.45	50.00	19.25	AV	N	Pass
6	19.380	41.33	15.01	60.00	18.67	Peak	N	Pass
6**	19.380	28.70	15.01	50.00	21.30	AV	N	Pass

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

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

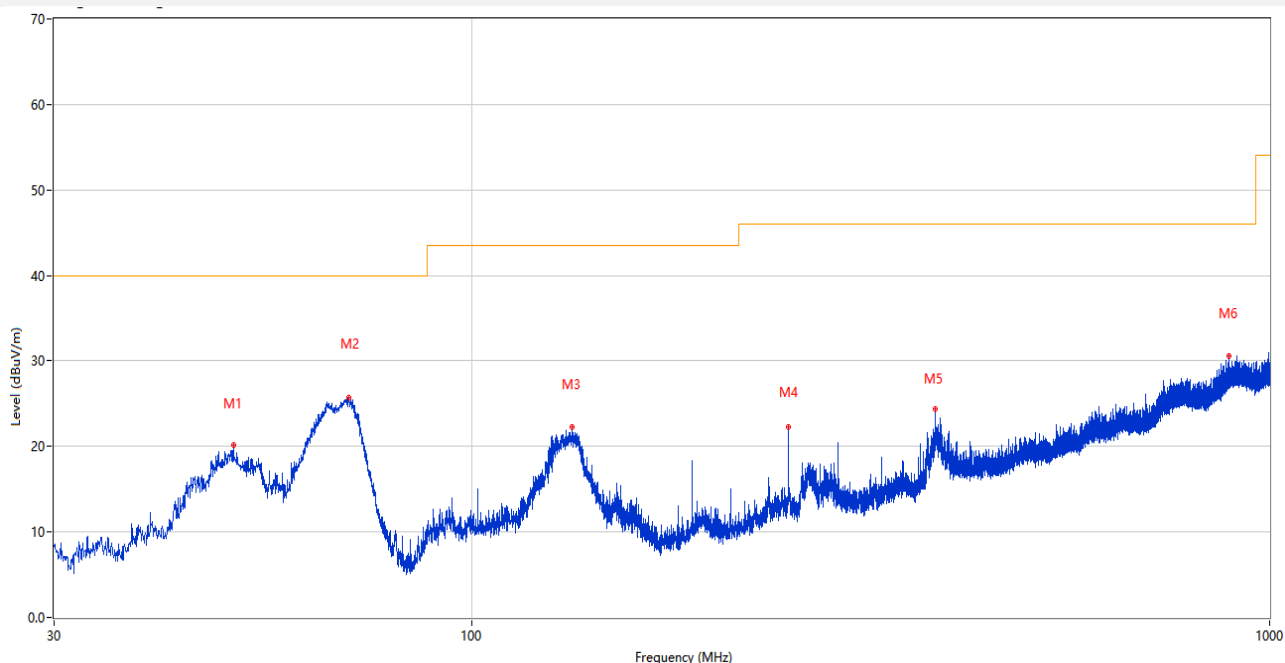
Note ²: For the test data above 1 GHz, According the ANSI C63.10, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

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

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

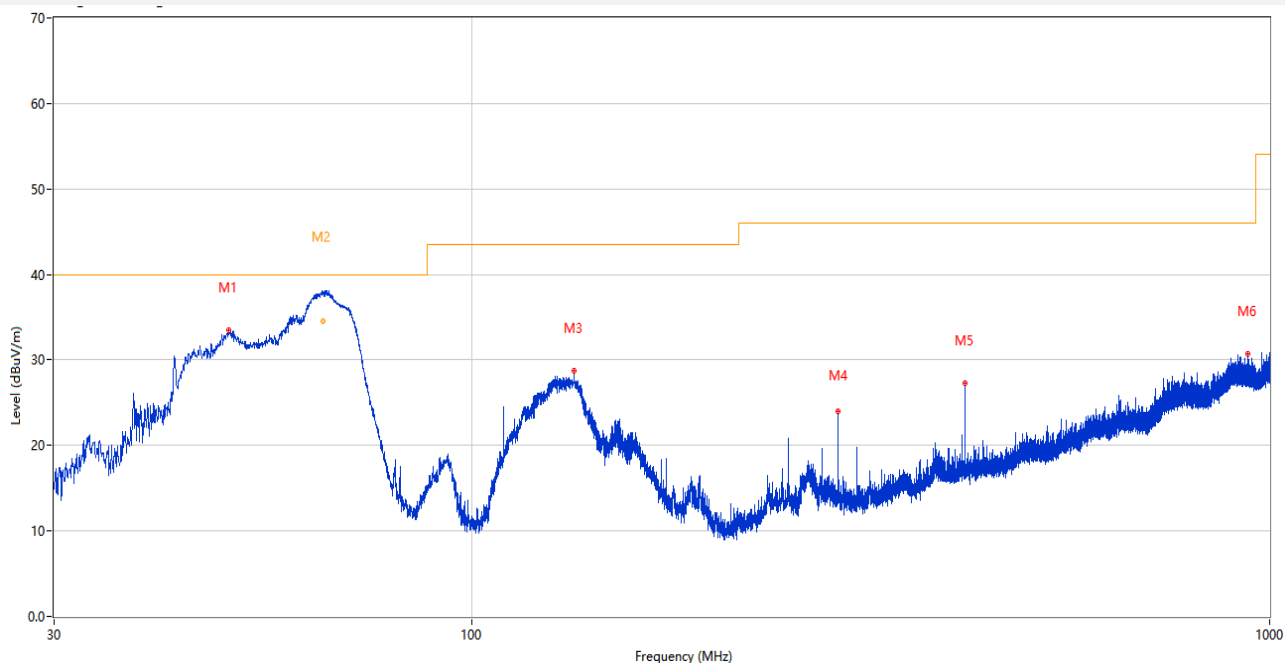
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.322	20.11	-25.18	40.0	19.89	Peak	1.00	100	Horizontal	Pass
2	70.109	25.64	-28.92	40.0	14.36	Peak	343.00	200	Horizontal	Pass
3	133.596	22.24	-29.63	43.5	21.26	Peak	234.00	200	Horizontal	Pass
4	249.608	22.22	-24.19	46.0	23.78	Peak	86.00	100	Horizontal	Pass
5	381.479	24.37	-21.32	46.0	21.63	Peak	360.00	100	Horizontal	Pass
6	889.566	30.64	-9.05	46.0	15.36	Peak	302.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

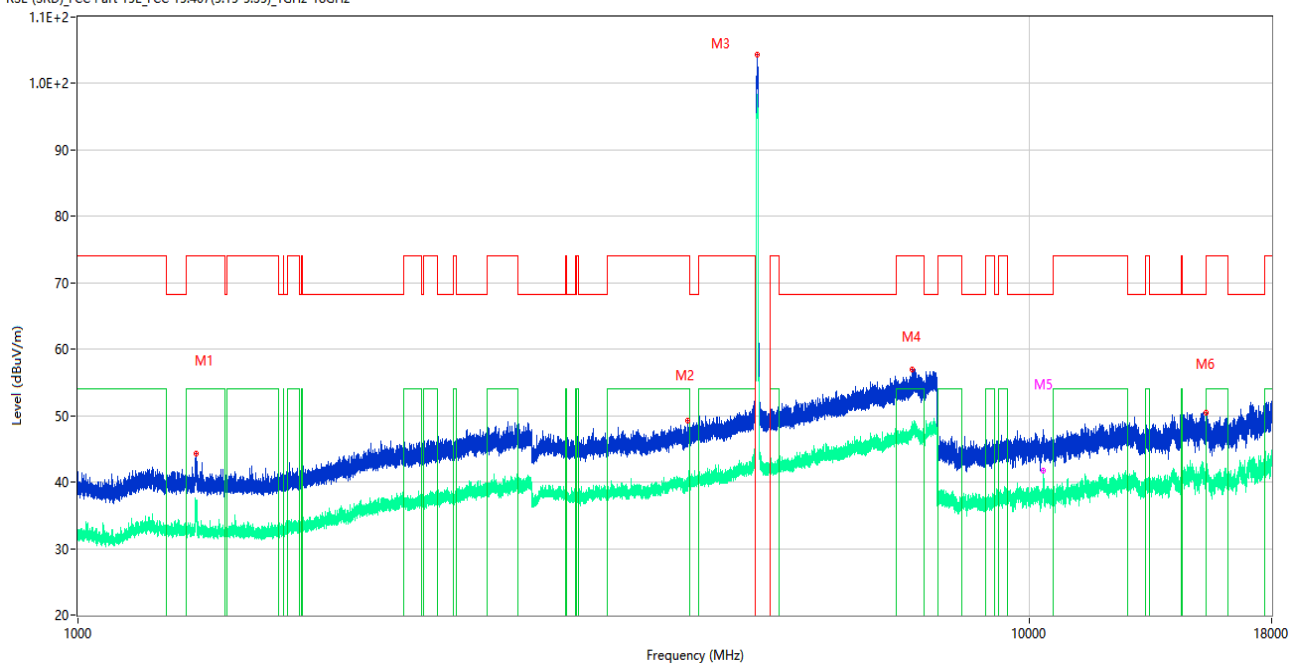


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	49.594	33.46	-25.18	40.0	6.54	Peak	220.00	100	Vertical	Pass
2	65.214	37.08	-27.34	40.0	2.92	Peak	260.00	101	Vertical	N/A
2*	65.214	34.56	-27.34	40.0	5.44	QP	260.00	101	Vertical	Pass
3	134.324	28.71	-29.65	43.5	14.79	Peak	275.00	100	Vertical	Pass
4	288.020	23.93	-23.36	46.0	22.07	Peak	134.00	200	Vertical	Pass
5	415.769	27.31	-20.01	46.0	18.69	Peak	273.00	100	Vertical	Pass
6	937.823	30.72	-8.61	46.0	15.28	Peak	245.00	100	Vertical	Pass

Note 1: 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

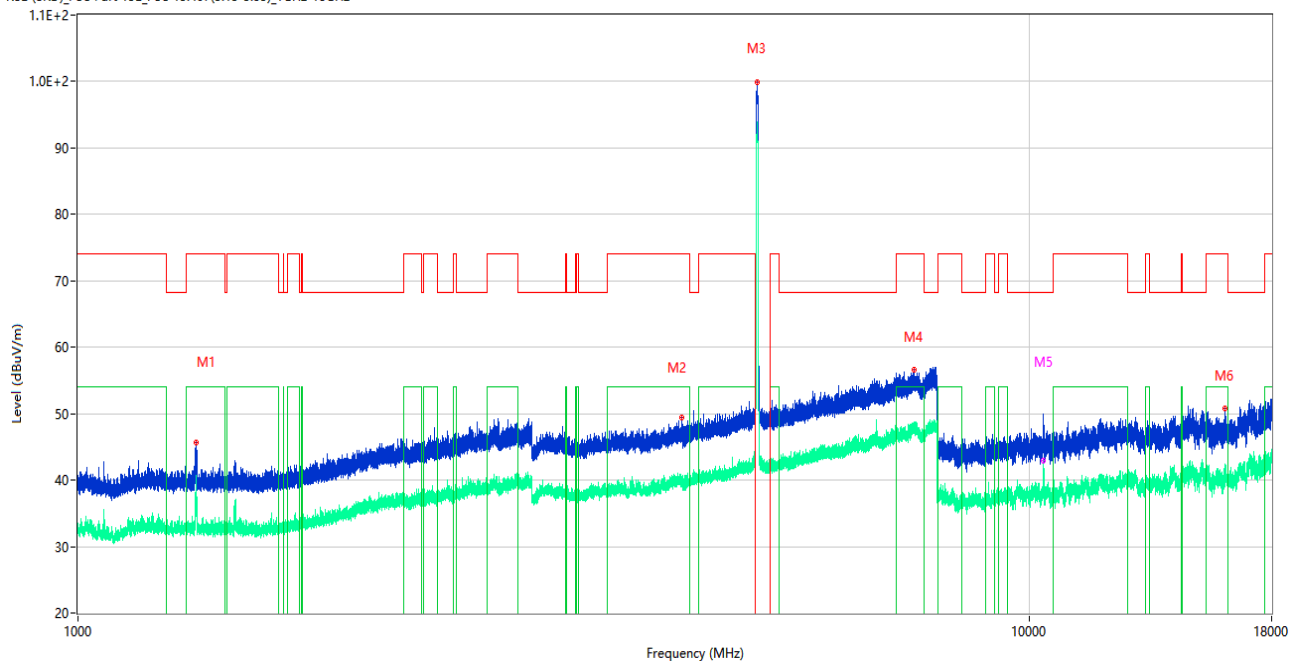
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	44.31	74.0	29.69	Peak	236.00	150	Horizontal	Pass
1**	1330.800	35.61	54.0	18.39	AV	236.00	150	Horizontal	Pass
2	4382.500	49.27	74.0	24.73	Peak	32.00	400	Horizontal	Pass
2**	4382.500	39.83	54.0	14.17	AV	32.00	400	Horizontal	Pass
3	5178.250	104.35	--	--	Peak	124.00	100	Horizontal	N/A
3**	5178.250	97.53	--	--	AV	124.00	100	Horizontal	N/A
4	7545.500	56.92	74.0	17.08	Peak	312.00	300	Horizontal	Pass
4**	7545.500	47.64	54.0	6.36	AV	312.00	300	Horizontal	Pass
5	10354.575	47.93	68.2	20.27	Peak	62.00	150	Horizontal	Pass
5**	10354.575	41.79	--	--	AV	62.00	150	Horizontal	N/A
6	15376.838	50.49	74.0	23.51	Peak	28.00	150	Horizontal	Pass
6**	15376.838	42.59	54.0	11.41	AV	28.00	150	Horizontal	Pass

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

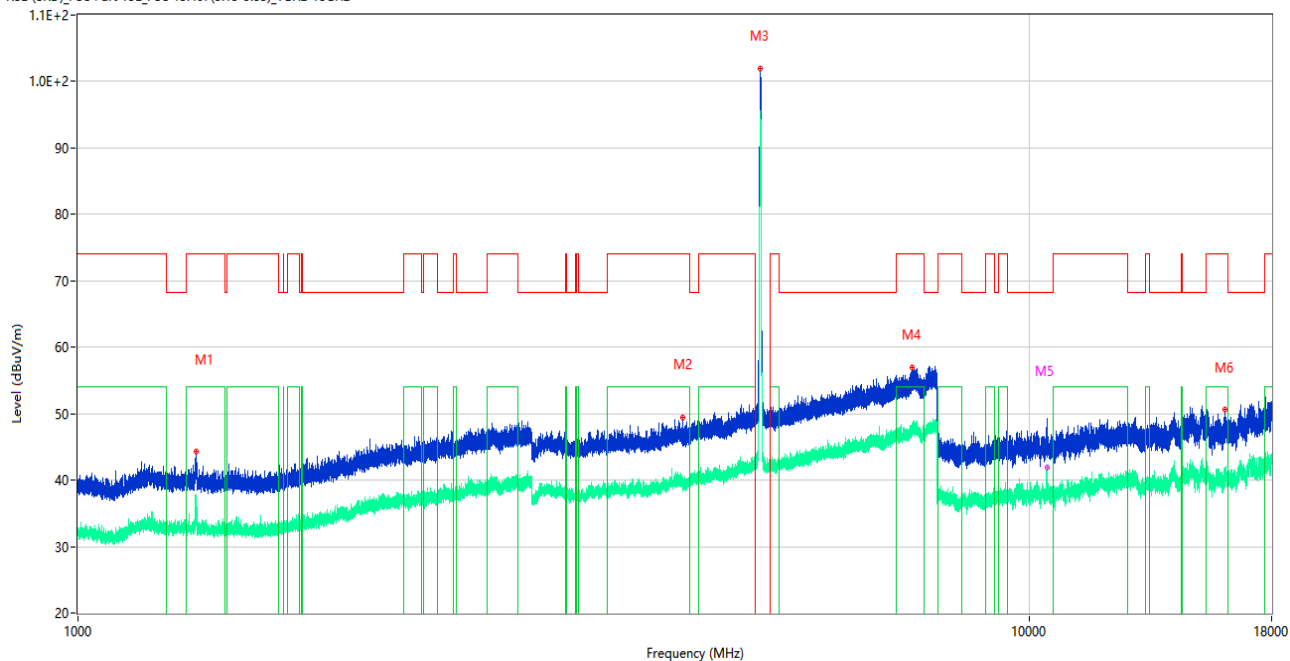
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.000	45.62	74.0	28.38	Peak	278.00	150	Vertical	Pass
1**	1331.000	36.28	54.0	17.72	AV	278.00	150	Vertical	Pass
2	4312.500	49.41	74.0	24.59	Peak	41.00	400	Vertical	Pass
2**	4312.500	40.51	54.0	13.49	AV	41.00	400	Vertical	Pass
3	5180.500	99.99	--	--	Peak	342.00	150	Vertical	N/A
3**	5180.500	91.81	--	--	AV	342.00	150	Vertical	N/A
4	7567.000	56.54	74.0	17.46	Peak	130.00	200	Vertical	Pass
4**	7567.000	48.05	54.0	5.95	AV	130.00	200	Vertical	Pass
5	10359.088	48.13	68.2	20.07	Peak	334.00	150	Vertical	Pass
5**	10359.088	42.94	--	--	AV	334.00	150	Vertical	N/A
6	16084.537	50.73	74.0	23.27	Peak	118.00	100	Vertical	Pass
6**	16084.537	40.66	54.0	13.34	AV	118.00	100	Vertical	Pass

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

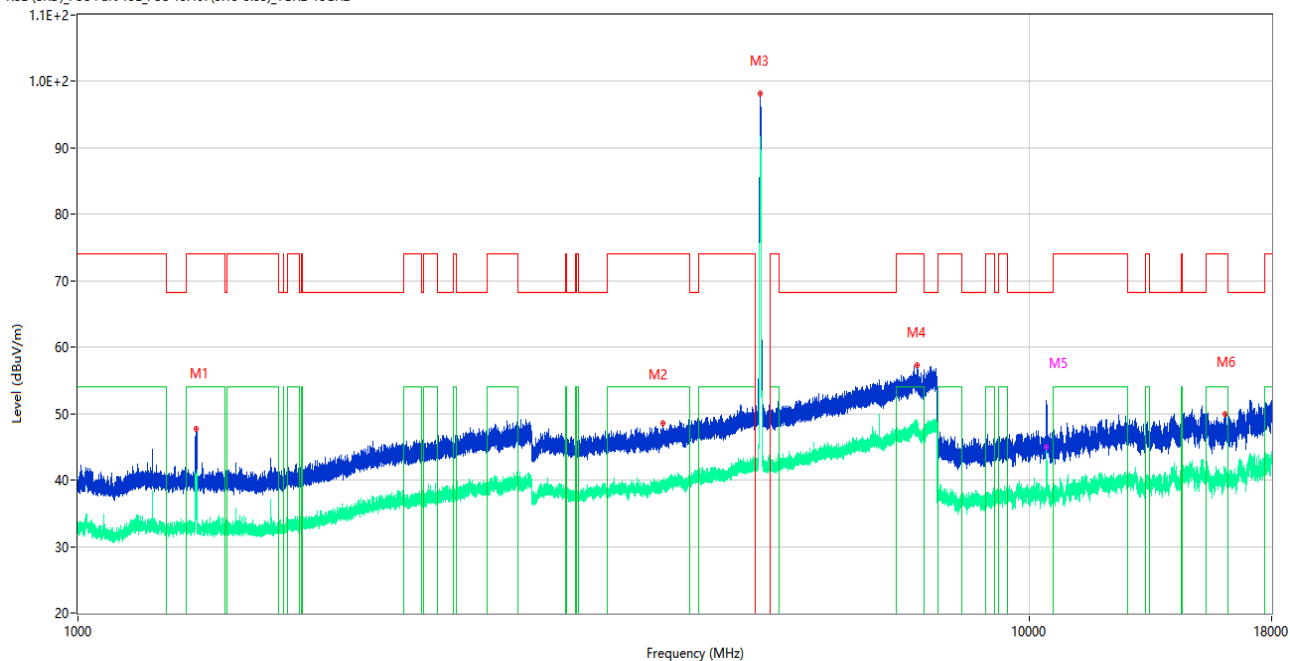
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.700	44.38	74.0	29.62	Peak	234.00	150	Horizontal	Pass
1**	1329.700	33.27	54.0	20.73	AV	234.00	150	Horizontal	Pass
2	4323.500	49.51	74.0	24.49	Peak	359.00	100	Horizontal	Pass
2**	4323.500	39.57	54.0	14.43	AV	359.00	100	Horizontal	Pass
3	5221.750	101.88	--	--	Peak	122.00	150	Horizontal	N/A
3**	5221.750	94.54	--	--	AV	122.00	150	Horizontal	N/A
4	7539.750	56.99	74.0	17.01	Peak	65.00	200	Horizontal	Pass
4**	7539.750	47.46	54.0	6.54	AV	65.00	200	Horizontal	Pass
5	10441.263	46.81	68.2	21.39	Peak	52.00	150	Horizontal	Pass
5**	10441.263	41.82	--	--	AV	52.00	150	Horizontal	N/A
6	16092.937	50.67	74.0	23.33	Peak	359.00	150	Horizontal	Pass
6**	16092.937	40.50	54.0	13.50	AV	359.00	150	Horizontal	Pass

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

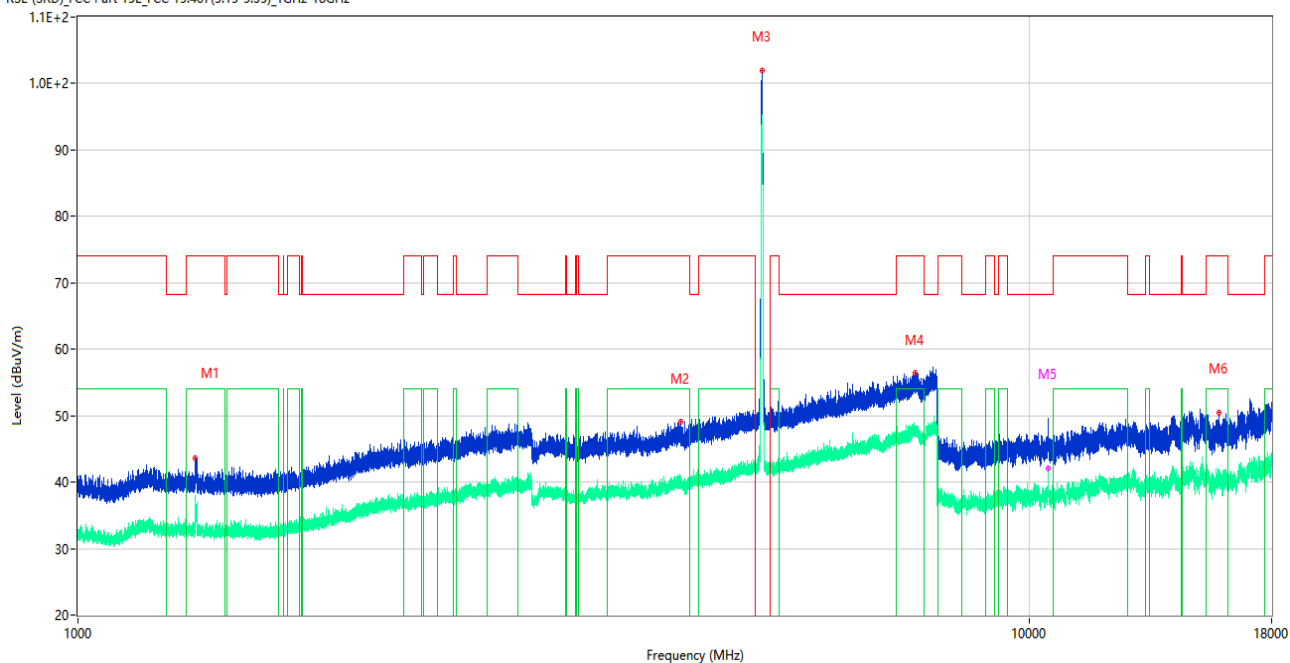
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.100	47.75	74.0	26.25	Peak	159.00	150	Vertical	Pass
1**	1331.100	39.38	54.0	14.62	AV	159.00	150	Vertical	Pass
2	4119.250	48.53	74.0	25.47	Peak	106.00	150	Vertical	Pass
2**	4119.250	38.85	54.0	15.15	AV	106.00	150	Vertical	Pass
3	5219.000	98.13	--	--	Peak	179.00	100	Vertical	N/A
3**	5219.000	90.40	--	--	AV	179.00	100	Vertical	N/A
4	7625.500	57.32	74.0	16.68	Peak	171.00	300	Vertical	Pass
4**	7625.500	47.33	54.0	6.67	AV	171.00	300	Vertical	Pass
5	10438.412	47.86	68.2	20.34	Peak	183.00	150	Vertical	Pass
5**	10438.412	44.93	--	--	AV	183.00	150	Vertical	N/A
6	16059.338	49.92	74.0	24.08	Peak	277.00	150	Vertical	Pass
6**	16059.338	40.52	54.0	13.48	AV	277.00	150	Vertical	Pass

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

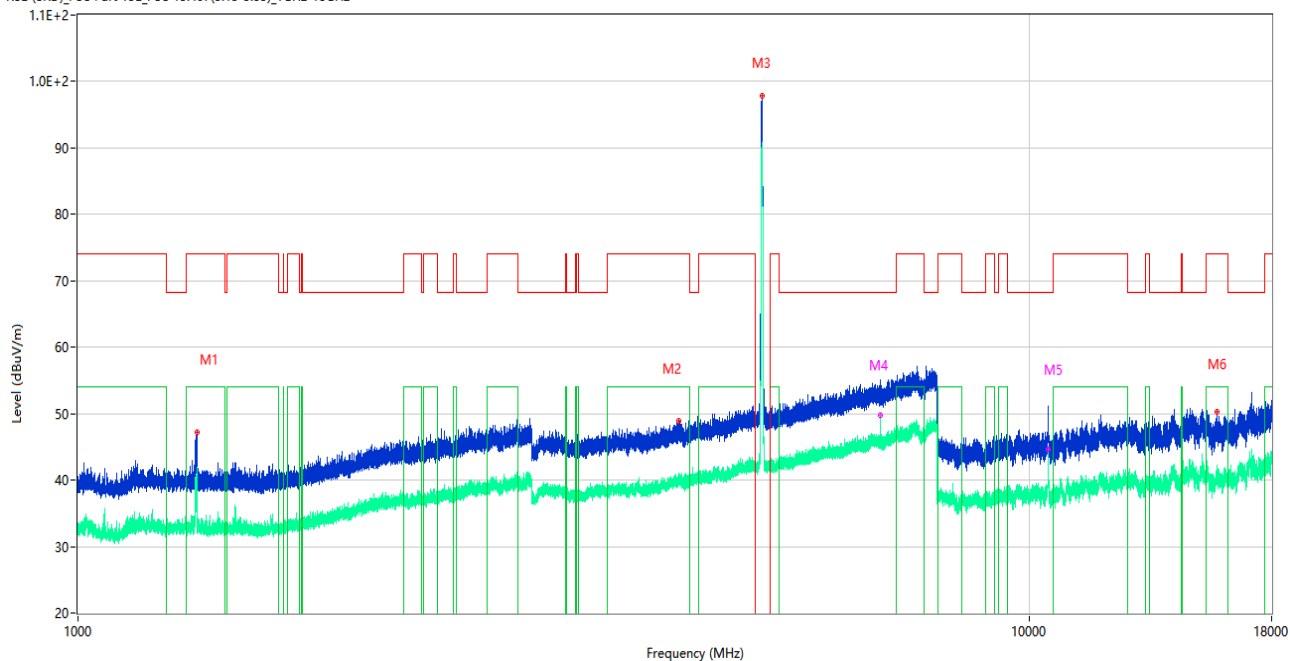
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.100	43.61	74.0	30.39	Peak	234.00	150	Horizontal	Pass
1**	1328.100	33.81	54.0	20.19	AV	234.00	150	Horizontal	Pass
2	4302.750	49.13	74.0	24.87	Peak	32.00	100	Horizontal	Pass
2**	4302.750	39.95	54.0	14.05	AV	32.00	100	Horizontal	Pass
3	5241.250	102.04	--	--	Peak	130.00	150	Horizontal	N/A
3**	5241.250	95.01	--	--	AV	130.00	150	Horizontal	N/A
4	7585.750	56.45	74.0	17.55	Peak	358.00	300	Horizontal	Pass
4**	7585.750	47.41	54.0	6.59	AV	358.00	300	Horizontal	Pass
5	10482.113	46.42	68.2	21.78	Peak	178.00	150	Horizontal	Pass
5**	10482.113	42.09	--	--	AV	178.00	150	Horizontal	N/A
6	15834.637	50.43	74.0	23.57	Peak	141.00	150	Horizontal	Pass
6**	15834.637	40.89	54.0	13.11	AV	141.00	150	Horizontal	Pass

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

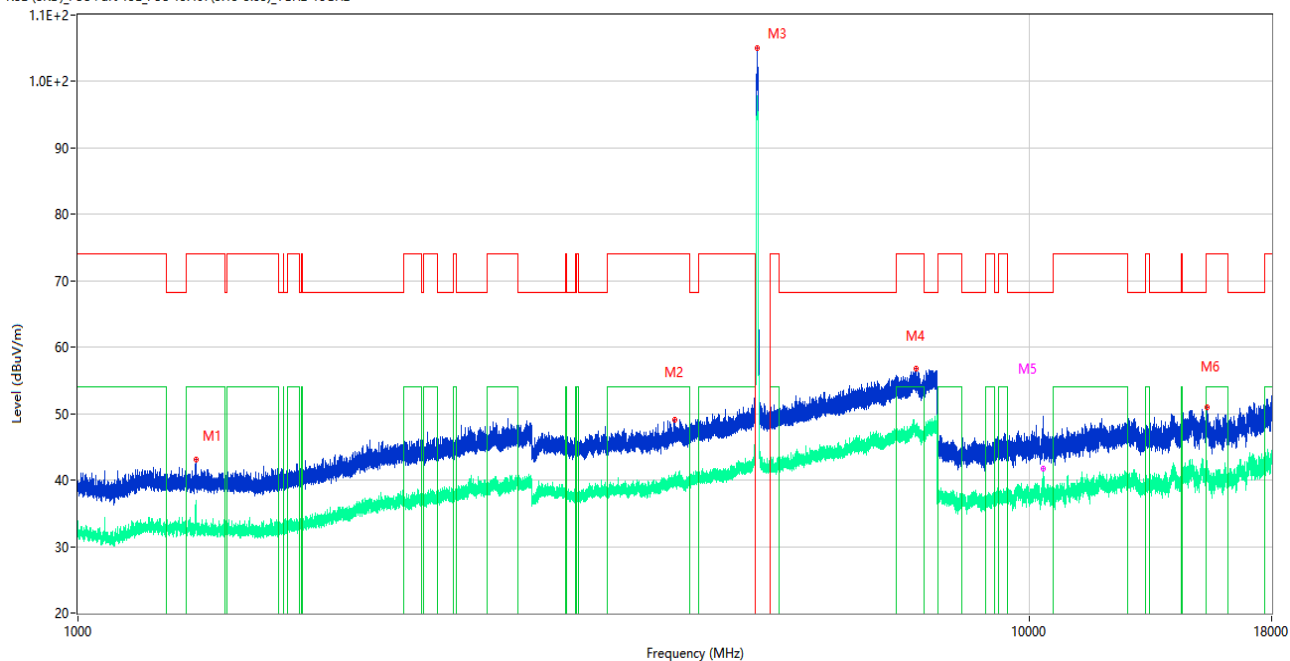
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.400	47.15	74.0	26.85	Peak	159.00	150	Vertical	Pass
1**	1333.400	36.76	54.0	17.24	AV	159.00	150	Vertical	Pass
2	4282.750	48.91	74.0	25.09	Peak	359.00	100	Vertical	Pass
2**	4282.750	39.70	54.0	14.30	AV	359.00	100	Vertical	Pass
3	5238.500	97.79	--	--	Peak	205.00	150	Vertical	N/A
3**	5238.500	90.26	--	--	AV	205.00	150	Vertical	N/A
4	6986.750	54.35	68.2	13.85	Peak	2.00	150	Vertical	Pass
4**	6986.750	49.76	--	--	AV	2.00	150	Vertical	N/A
5	10480.925	49.91	68.2	18.29	Peak	254.00	150	Vertical	Pass
5**	10480.925	44.69	--	--	AV	254.00	150	Vertical	N/A
6	15757.463	50.28	74.0	23.72	Peak	258.00	150	Vertical	Pass
6**	15757.463	40.65	54.0	13.35	AV	258.00	150	Vertical	Pass

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

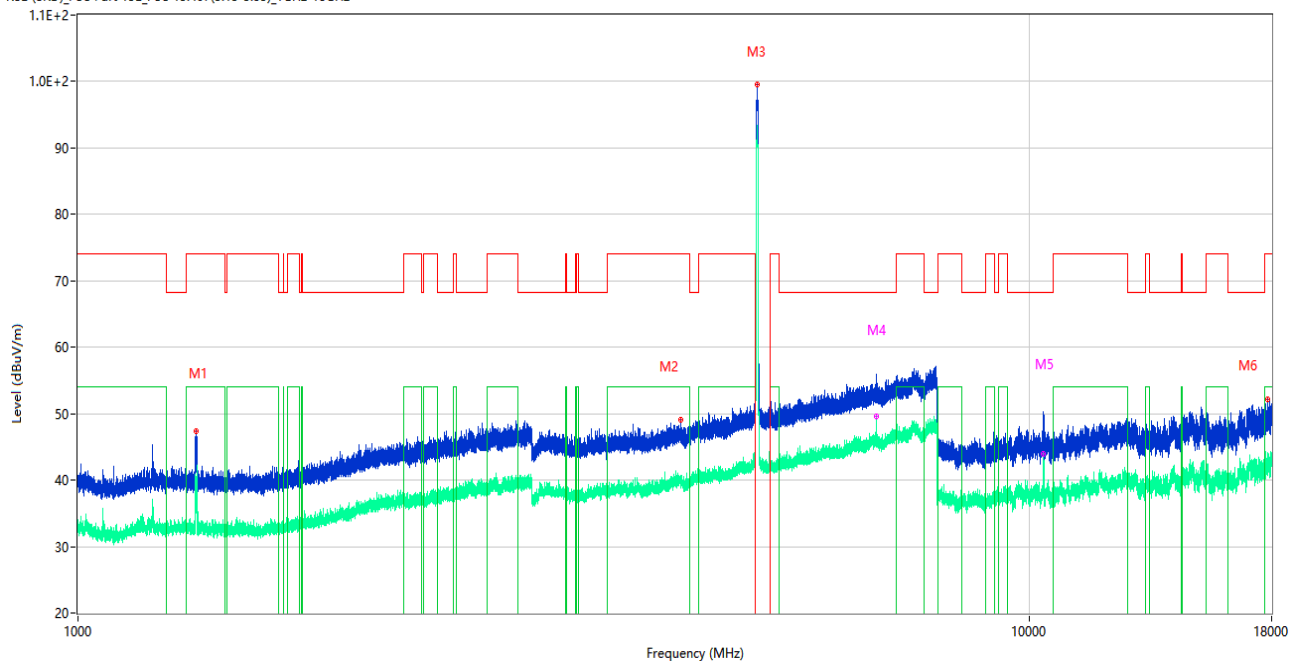
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.500	43.08	74.0	30.92	Peak	53.00	150	Horizontal	Pass
1**	1331.500	33.42	54.0	20.58	AV	53.00	150	Horizontal	Pass
2	4239.500	49.06	74.0	24.94	Peak	24.00	300	Horizontal	Pass
2**	4239.500	39.55	54.0	14.45	AV	24.00	300	Horizontal	Pass
3	5181.250	105.04	--	--	Peak	128.00	150	Horizontal	N/A
3**	5181.250	96.44	--	--	AV	128.00	150	Horizontal	N/A
4	7604.000	56.82	74.0	17.18	Peak	353.00	300	Horizontal	Pass
4**	7604.000	47.13	54.0	6.87	AV	353.00	300	Horizontal	Pass
5	10358.612	46.31	68.2	21.89	Peak	59.00	150	Horizontal	Pass
5**	10358.612	41.70	--	--	AV	59.00	150	Horizontal	N/A
6	15378.938	50.95	74.0	23.05	Peak	202.00	150	Horizontal	Pass
6**	15378.938	41.03	54.0	12.97	AV	202.00	150	Horizontal	Pass

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

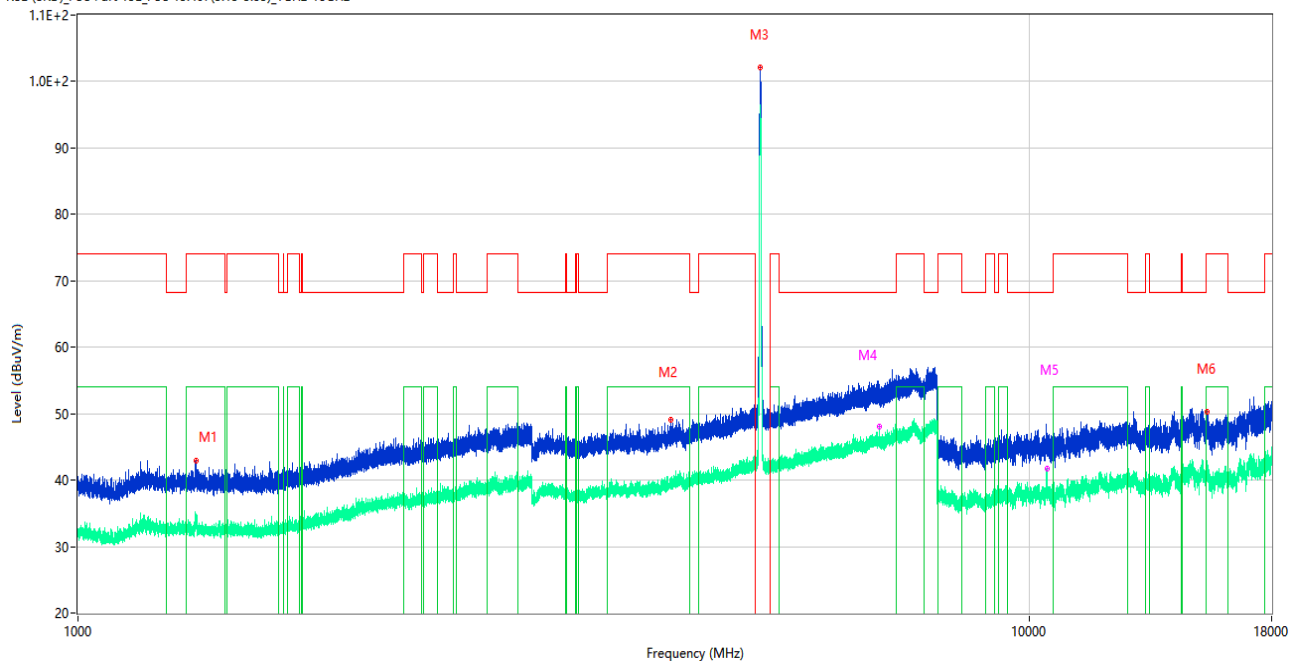
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	47.45	74.0	26.55	Peak	149.00	150	Vertical	Pass
1**	1331.600	39.19	54.0	14.81	AV	149.00	150	Vertical	Pass
2	4302.250	49.11	74.0	24.89	Peak	148.00	300	Vertical	Pass
2**	4302.250	39.96	54.0	14.04	AV	148.00	300	Vertical	Pass
3	5178.000	99.54	--	--	Peak	358.00	200	Vertical	N/A
3**	5178.000	91.60	--	--	AV	358.00	200	Vertical	N/A
4	6907.000	54.94	68.2	13.26	Peak	116.00	150	Vertical	Pass
4**	6907.000	49.64	--	--	AV	116.00	150	Vertical	N/A
5	10359.562	47.97	68.2	20.23	Peak	187.00	150	Vertical	Pass
5**	10359.562	43.95	--	--	AV	187.00	150	Vertical	N/A
6	17807.587	52.17	74.0	21.83	Peak	0.00	150	Vertical	Pass
6**	17807.587	41.62	54.0	12.38	AV	0.00	150	Vertical	Pass

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

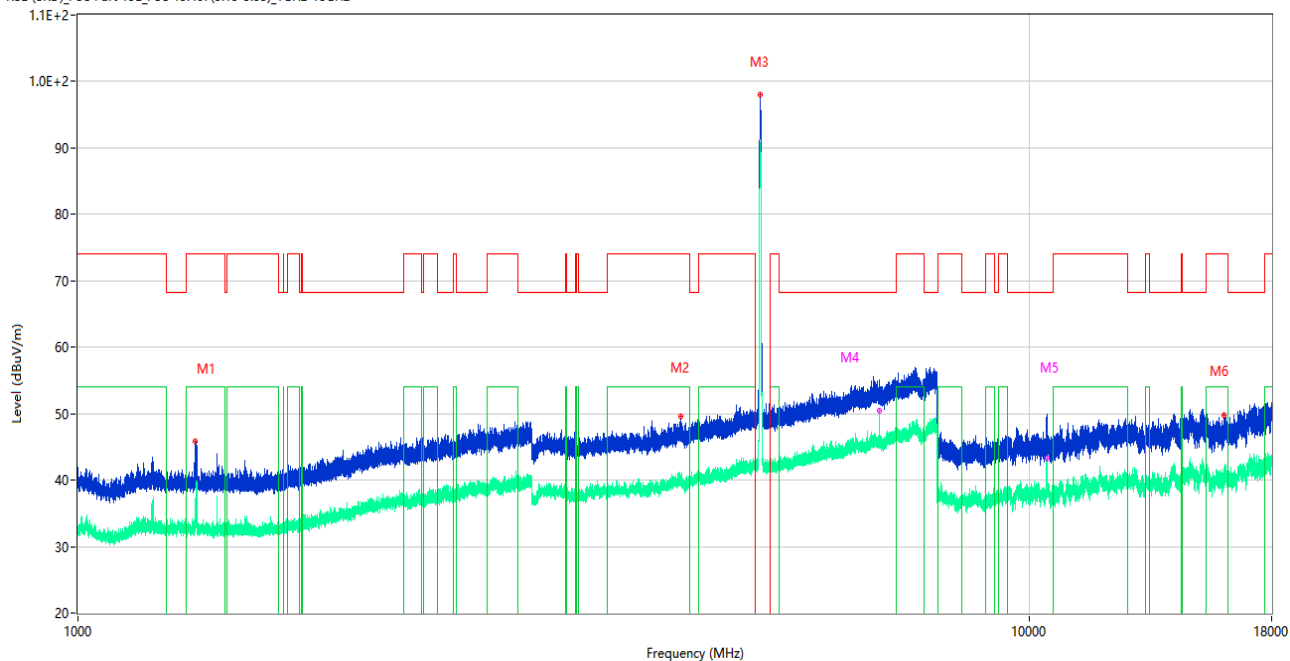
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	42.87	74.0	31.13	Peak	140.00	150	Horizontal	Pass
1**	1331.600	33.90	54.0	20.10	AV	140.00	150	Horizontal	Pass
2	4206.000	49.13	74.0	24.87	Peak	350.00	400	Horizontal	Pass
2**	4206.000	39.12	54.0	14.88	AV	350.00	400	Horizontal	Pass
3	5218.500	102.07	--	--	Peak	127.00	200	Horizontal	N/A
3**	5218.500	96.56	--	--	AV	127.00	200	Horizontal	N/A
4	6960.000	53.43	68.2	14.77	Peak	93.00	150	Horizontal	Pass
4**	6960.000	47.98	--	--	AV	93.00	150	Horizontal	N/A
5	10441.737	46.41	68.2	21.79	Peak	180.00	150	Horizontal	Pass
5**	10441.737	41.65	--	--	AV	180.00	150	Horizontal	N/A
6	15379.463	50.37	74.0	23.63	Peak	221.00	150	Horizontal	Pass
6**	15379.463	42.13	54.0	11.87	AV	221.00	150	Horizontal	Pass

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

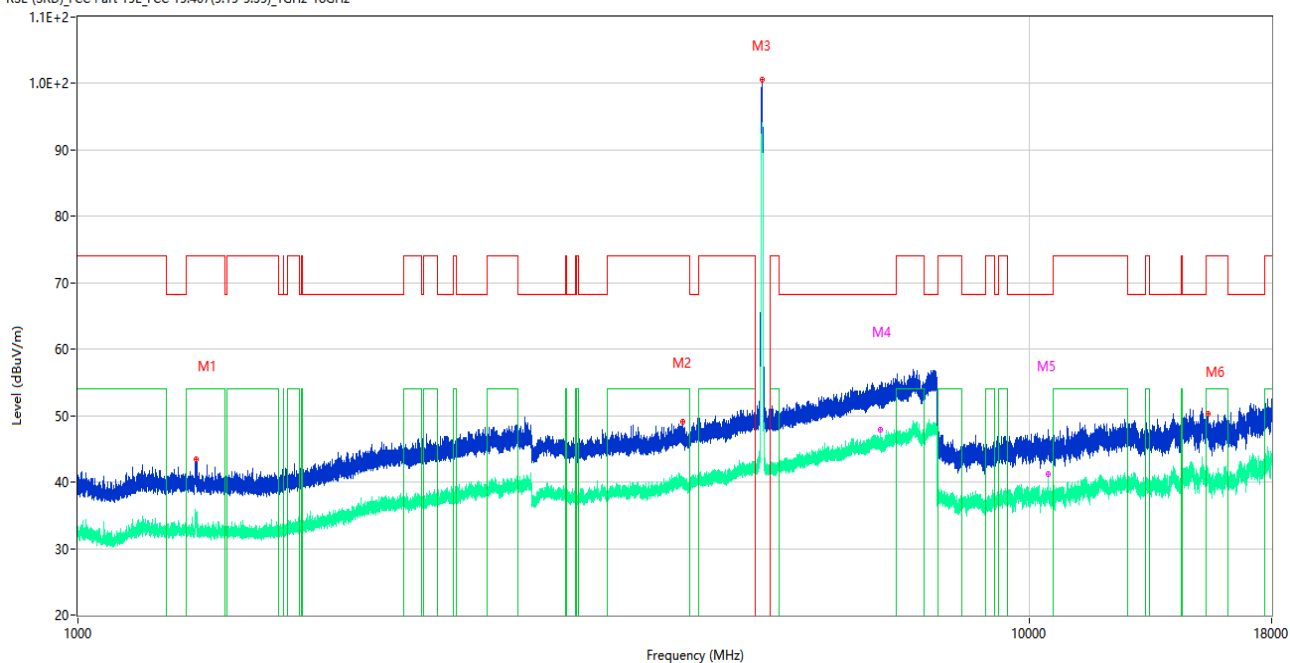
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.900	45.90	74.0	28.10	Peak	137.00	100	Vertical	Pass
1**	1327.900	37.14	54.0	16.86	AV	137.00	100	Vertical	Pass
2	4303.500	49.59	74.0	24.41	Peak	0.00	150	Vertical	Pass
2**	4303.500	40.17	54.0	13.83	AV	0.00	150	Vertical	Pass
3	5217.750	98.02	--	--	Peak	179.00	300	Vertical	N/A
3**	5217.750	89.44	--	--	AV	179.00	300	Vertical	N/A
4	6960.250	54.52	68.2	13.68	Peak	344.00	150	Vertical	Pass
4**	6960.250	50.50	--	--	AV	344.00	150	Vertical	N/A
5	10441.026	47.95	68.2	20.25	Peak	196.00	150	Vertical	Pass
5**	10441.026	43.32	--	--	AV	196.00	150	Vertical	N/A
6	16039.912	49.75	74.0	24.25	Peak	150.00	150	Vertical	Pass
6**	16039.912	40.03	54.0	13.97	AV	150.00	150	Vertical	Pass

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

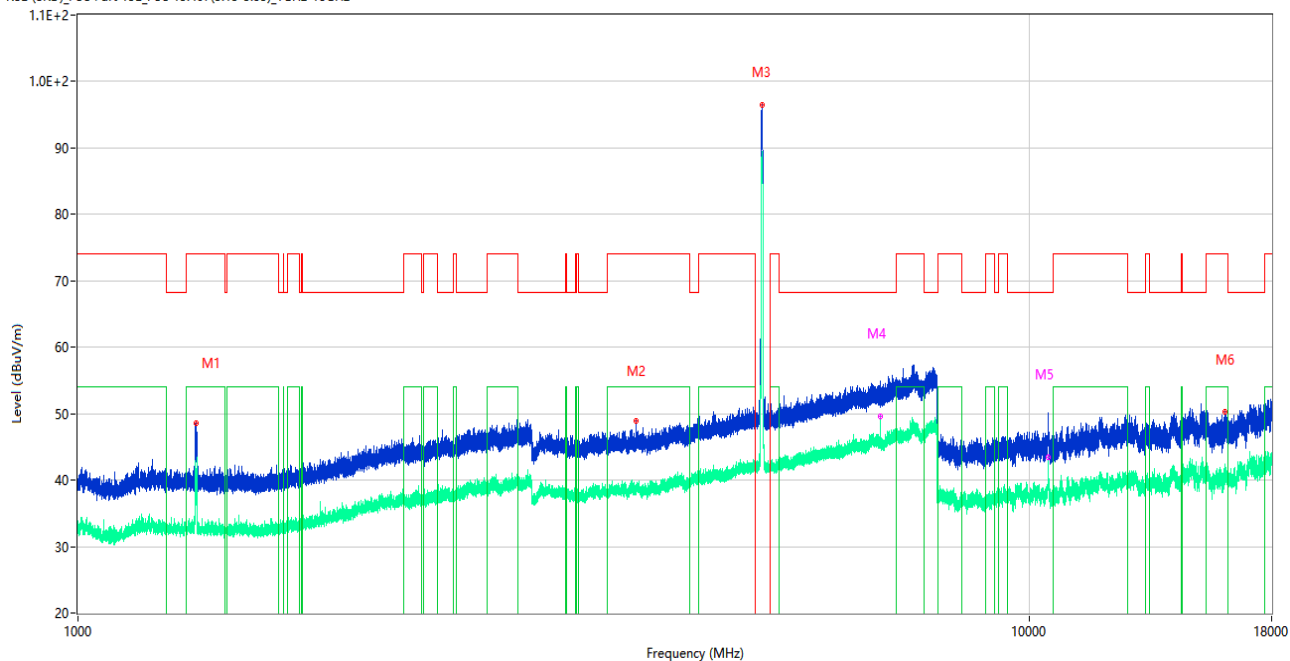
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	43.38	74.0	30.62	Peak	51.00	150	Horizontal	Pass
1**	1330.000	34.31	54.0	19.69	AV	51.00	150	Horizontal	Pass
2	4320.250	49.06	74.0	24.94	Peak	163.00	400	Horizontal	Pass
2**	4320.250	39.53	54.0	14.47	AV	163.00	400	Horizontal	Pass
3	5241.000	100.64	--	--	Peak	114.00	150	Horizontal	N/A
3**	5241.000	93.21	--	--	AV	114.00	150	Horizontal	N/A
4	6986.750	53.02	68.2	15.18	Peak	40.00	150	Horizontal	Pass
4**	6986.750	47.92	--	--	AV	40.00	150	Horizontal	N/A
5	10480.687	46.82	68.2	21.38	Peak	165.00	150	Horizontal	Pass
5**	10480.687	41.22	--	--	AV	165.00	150	Horizontal	N/A
6	15431.175	50.35	74.0	23.65	Peak	260.00	150	Horizontal	Pass
6**	15431.175	40.95	54.0	13.05	AV	260.00	150	Horizontal	Pass

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

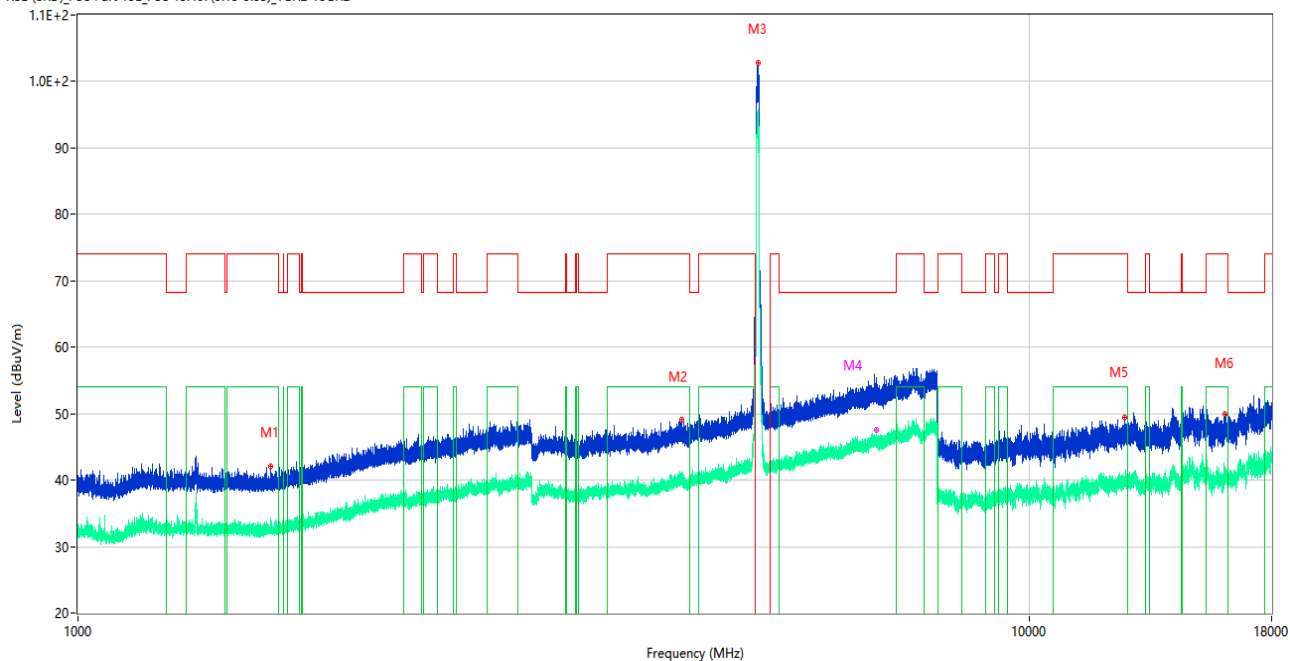
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	48.58	74.0	25.42	Peak	145.00	150	Vertical	Pass
1**	1330.800	38.17	54.0	15.83	AV	145.00	150	Vertical	Pass
2	3866.750	48.86	74.0	25.14	Peak	40.00	200	Vertical	Pass
2**	3866.750	39.08	54.0	14.92	AV	40.00	200	Vertical	Pass
3	5236.750	96.43	--	--	Peak	212.00	150	Vertical	N/A
3**	5236.750	88.48	--	--	AV	212.00	150	Vertical	N/A
4	6986.750	54.83	68.2	13.37	Peak	0.00	150	Vertical	Pass
4**	6986.750	49.66	--	--	AV	0.00	150	Vertical	N/A
5	10479.974	48.17	68.2	20.03	Peak	251.00	150	Vertical	Pass
5**	10479.974	43.42	--	--	AV	251.00	150	Vertical	N/A
6	16089.525	50.22	74.0	23.78	Peak	268.00	150	Vertical	Pass
6**	16089.525	40.90	54.0	13.10	AV	268.00	150	Vertical	Pass

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

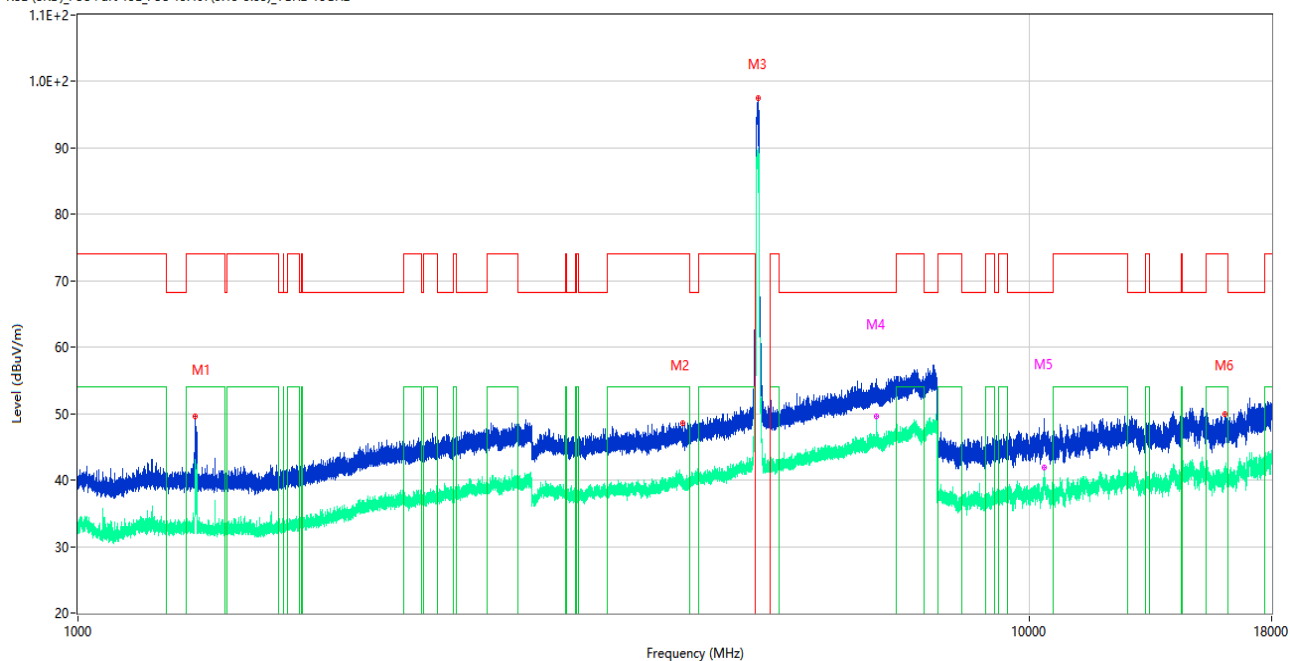
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.100	42.15	74.0	31.85	Peak	222.00	200	Horizontal	Pass
1**	1595.100	32.62	54.0	21.38	AV	222.00	200	Horizontal	Pass
2	4314.250	49.04	74.0	24.96	Peak	31.00	300	Horizontal	Pass
2**	4314.250	40.15	54.0	13.85	AV	31.00	300	Horizontal	Pass
3	5187.750	102.87	--	--	Peak	124.00	100	Horizontal	N/A
3**	5187.750	95.86	--	--	AV	124.00	100	Horizontal	N/A
4	6920.000	52.93	68.2	15.27	Peak	91.00	150	Horizontal	Pass
4**	6920.000	47.61	--	--	AV	91.00	150	Horizontal	N/A
5	12619.612	49.38	74.0	24.62	Peak	261.00	100	Horizontal	Pass
5**	12619.612	39.74	54.0	14.26	AV	261.00	100	Horizontal	Pass
6	16062.488	49.88	74.0	24.12	Peak	263.00	150	Horizontal	Pass
6**	16062.488	40.75	54.0	13.25	AV	263.00	150	Horizontal	Pass

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

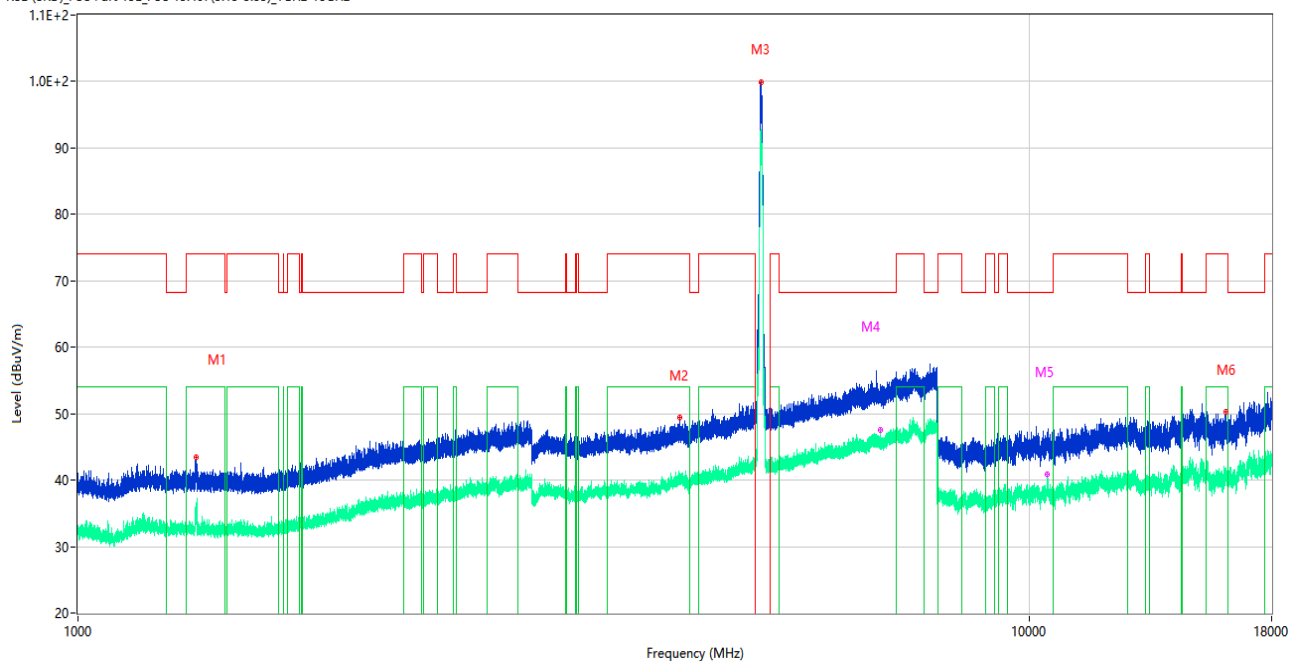
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.100	49.55	74.0	24.45	Peak	158.00	150	Vertical	Pass
1**	1329.100	41.17	54.0	12.83	AV	158.00	150	Vertical	Pass
2	4321.750	48.64	74.0	25.36	Peak	276.00	200	Vertical	Pass
2**	4321.750	39.53	54.0	14.47	AV	276.00	200	Vertical	Pass
3	5192.000	97.58	--	--	Peak	343.00	100	Vertical	N/A
3**	5192.000	89.16	--	--	AV	343.00	100	Vertical	N/A
4	6920.000	54.53	68.2	13.67	Peak	207.00	150	Vertical	Pass
4**	6920.000	49.54	--	--	AV	207.00	150	Vertical	N/A
5	10372.862	46.69	68.2	21.51	Peak	8.00	150	Vertical	Pass
5**	10372.862	41.88	--	--	AV	8.00	150	Vertical	N/A
6	16090.575	49.93	74.0	24.07	Peak	360.00	200	Vertical	Pass
6**	16090.575	40.81	54.0	13.19	AV	360.00	200	Vertical	Pass

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

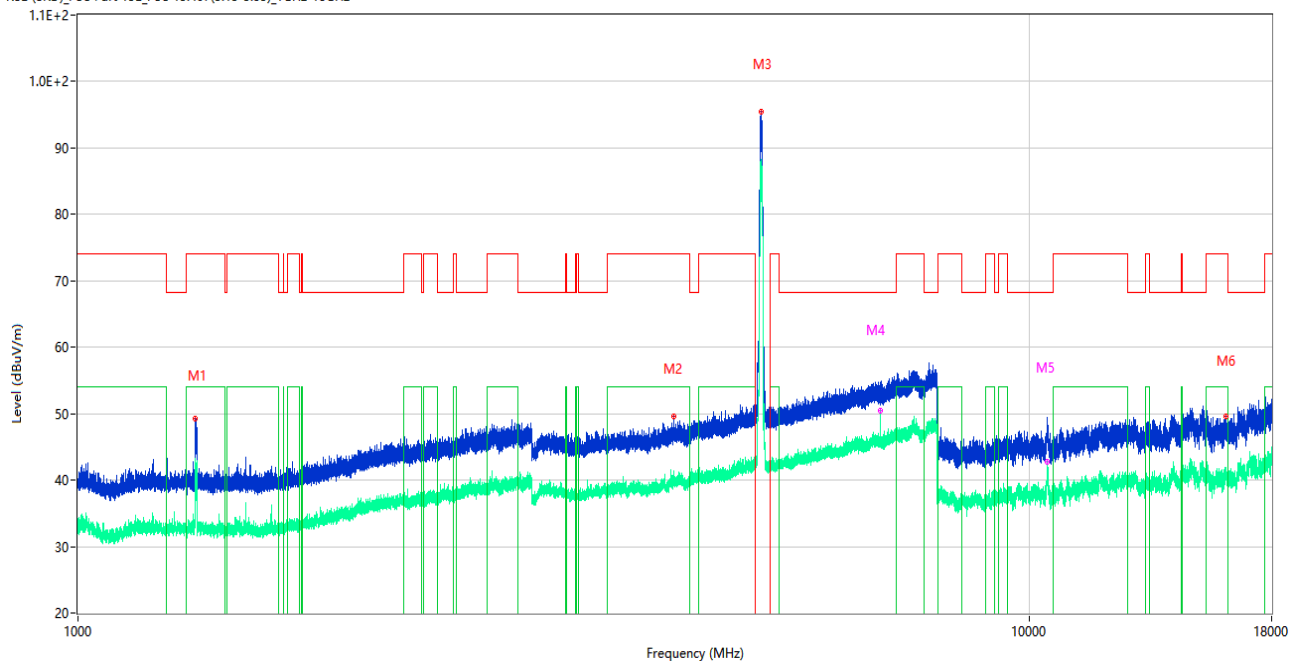
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.200	43.46	74.0	30.54	Peak	238.00	150	Horizontal	Pass
1**	1330.200	34.94	54.0	19.06	AV	238.00	150	Horizontal	Pass
2	4297.750	49.38	74.0	24.62	Peak	119.00	100	Horizontal	Pass
2**	4297.750	40.40	54.0	13.60	AV	119.00	100	Horizontal	Pass
3	5225.750	99.87	--	--	Peak	111.00	200	Horizontal	N/A
3**	5225.750	92.00	--	--	AV	111.00	200	Horizontal	N/A
4	6973.500	53.60	68.2	14.60	Peak	2.00	150	Horizontal	Pass
4**	6973.500	47.59	--	--	AV	2.00	150	Horizontal	N/A
5	10461.213	44.66	68.2	23.54	Peak	26.00	150	Horizontal	Pass
5**	10461.213	40.88	--	--	AV	26.00	150	Horizontal	N/A
6	16109.213	50.29	74.0	23.71	Peak	238.00	300	Horizontal	Pass
6**	16109.213	41.07	54.0	12.93	AV	238.00	300	Horizontal	Pass

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

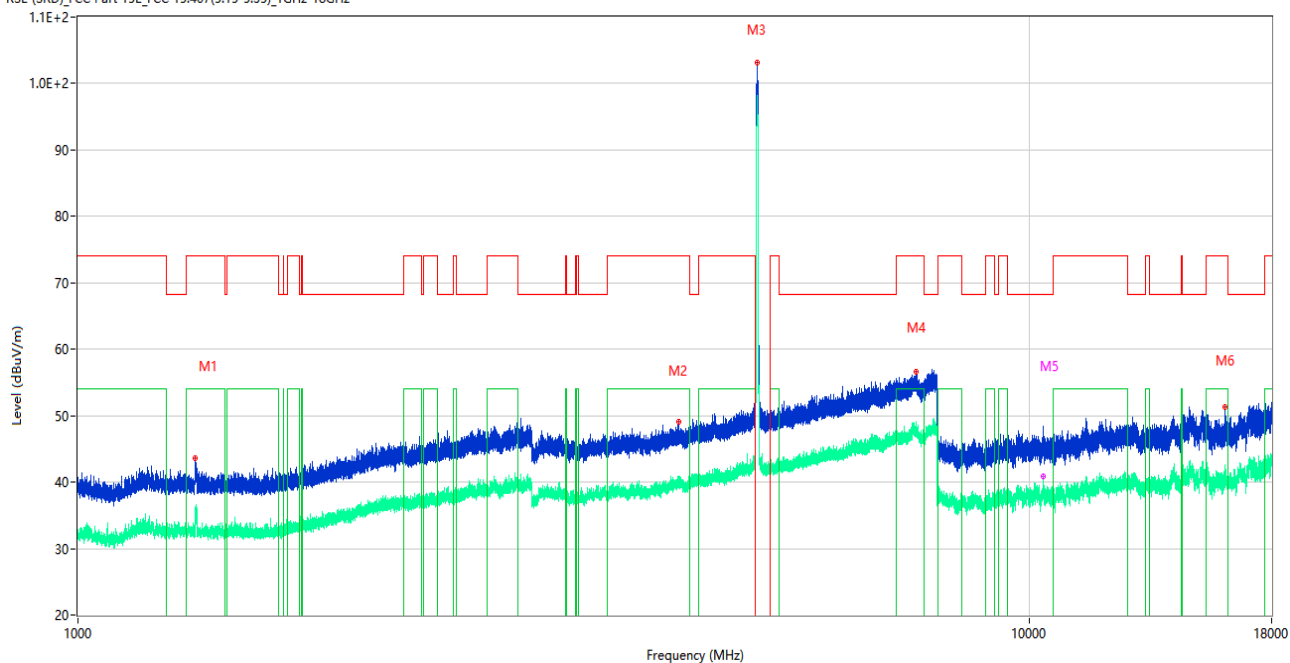
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.500	49.30	74.0	24.70	Peak	167.00	100	Vertical	Pass
1**	1328.500	40.57	54.0	13.43	AV	167.00	100	Vertical	Pass
2	4236.000	49.56	74.0	24.44	Peak	58.00	200	Vertical	Pass
2**	4236.000	40.25	54.0	13.75	AV	58.00	200	Vertical	Pass
3	5234.000	95.47	--	--	Peak	212.00	200	Vertical	N/A
3**	5234.000	86.71	--	--	AV	212.00	200	Vertical	N/A
4	6973.500	53.94	68.2	14.26	Peak	0.00	150	Vertical	Pass
4**	6973.500	50.40	--	--	AV	0.00	150	Vertical	N/A
5	10461.688	47.89	68.2	20.31	Peak	248.00	150	Vertical	Pass
5**	10461.688	42.76	--	--	AV	248.00	150	Vertical	N/A
6	16098.713	49.63	74.0	24.37	Peak	360.00	200	Vertical	Pass
6**	16098.713	40.26	54.0	13.74	AV	360.00	200	Vertical	Pass

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

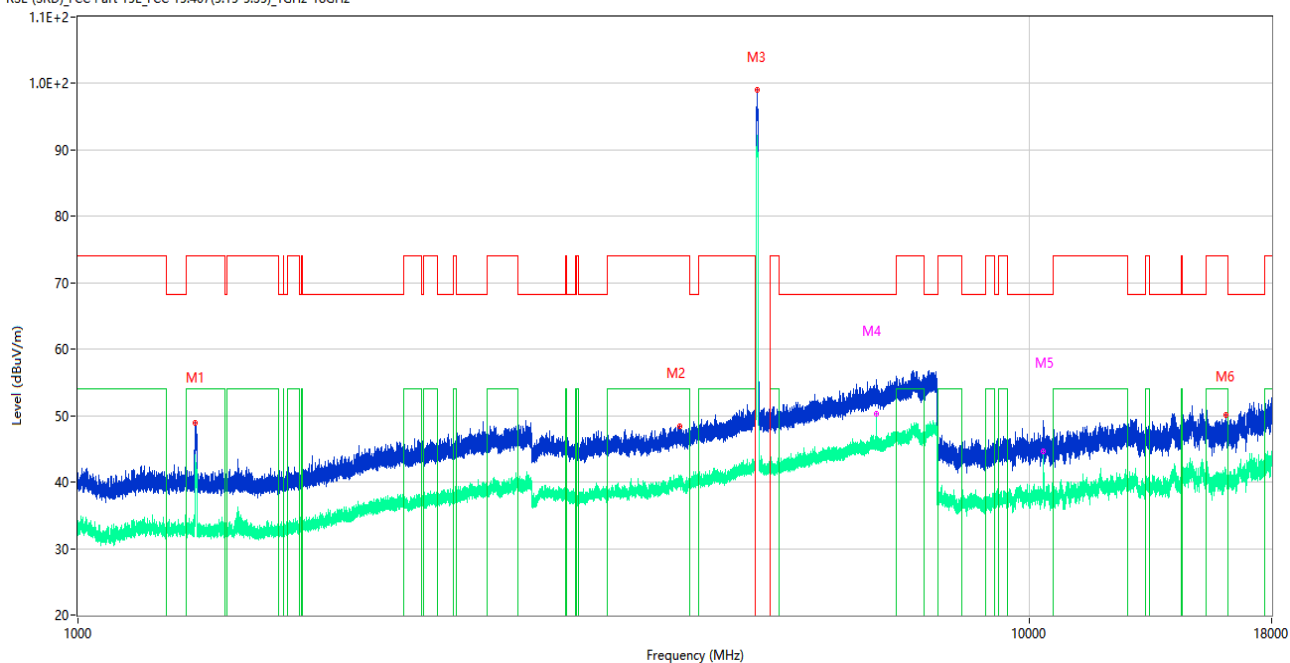
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	43.56	74.0	30.44	Peak	65.00	100	Horizontal	Pass
1**	1329.600	35.20	54.0	18.80	AV	65.00	100	Horizontal	Pass
2	4279.500	49.01	74.0	24.99	Peak	1.00	100	Horizontal	Pass
2**	4279.500	40.33	54.0	13.67	AV	1.00	100	Horizontal	Pass
3	5181.000	103.10	--	--	Peak	122.00	150	Horizontal	N/A
3**	5181.000	96.61	--	--	AV	122.00	150	Horizontal	N/A
4	7616.500	56.65	74.0	17.35	Peak	73.00	400	Horizontal	Pass
4**	7616.500	48.13	54.0	5.87	AV	73.00	400	Horizontal	Pass
5	10361.224	44.80	68.2	23.40	Peak	170.00	150	Horizontal	Pass
5**	10361.224	40.95	--	--	AV	170.00	150	Horizontal	N/A
6	16083.750	51.23	74.0	22.77	Peak	2.00	200	Horizontal	Pass
6**	16083.750	42.15	54.0	11.85	AV	2.00	200	Horizontal	Pass

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

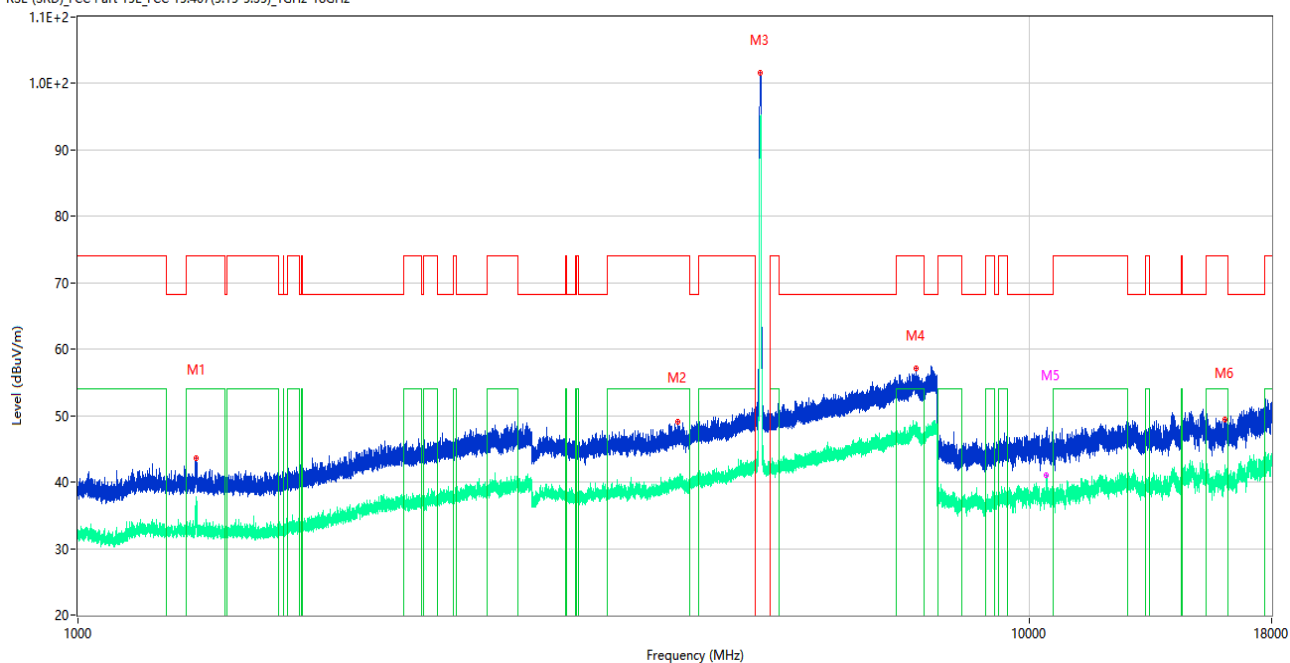
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.000	48.99	74.0	25.01	Peak	163.00	100	Vertical	Pass
1**	1328.000	42.33	54.0	11.67	AV	163.00	100	Vertical	Pass
2	4297.250	48.48	74.0	25.52	Peak	2.00	200	Vertical	Pass
2**	4297.250	39.99	54.0	14.01	AV	2.00	200	Vertical	Pass
3	5178.750	98.99	--	--	Peak	350.00	100	Vertical	Pass
3**	5178.750	90.83	--	--	AV	350.00	100	Vertical	N/A
4	6906.750	55.38	68.2	12.82	Peak	350.00	150	Vertical	N/A
4**	6906.750	50.23	--	--	AV	350.00	150	Vertical	N/A
5	10358.612	47.15	68.2	21.05	Peak	243.00	150	Vertical	Pass
5**	10358.612	44.67	--	--	AV	243.00	150	Vertical	N/A
6	16111.313	50.16	74.0	23.84	Peak	38.00	300	Vertical	Pass
6**	16111.313	40.10	54.0	13.90	AV	38.00	300	Vertical	Pass

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

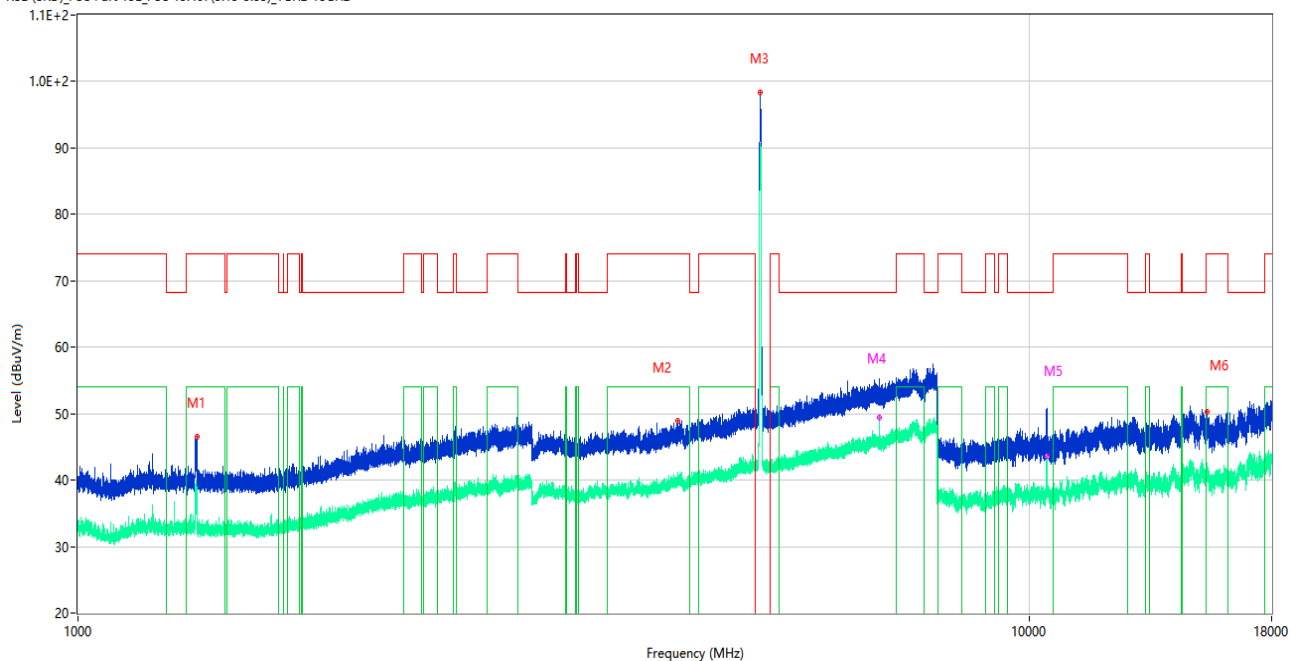
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.700	43.64	74.0	30.36	Peak	59.00	300	Horizontal	Pass
1**	1331.700	35.63	54.0	18.37	AV	59.00	300	Horizontal	Pass
2	4275.500	49.04	74.0	24.96	Peak	359.00	200	Horizontal	Pass
2**	4275.500	39.71	54.0	14.29	AV	359.00	200	Horizontal	Pass
3	5215.500	101.66	--	--	Peak	130.00	200	Horizontal	N/A
3**	5215.500	93.98	--	--	AV	130.00	200	Horizontal	N/A
4	7604.000	57.12	74.0	16.88	Peak	130.00	200	Horizontal	Pass
4**	7604.000	47.67	54.0	6.33	AV	130.00	200	Horizontal	Pass
5	10440.787	46.59	68.2	21.61	Peak	55.00	150	Horizontal	Pass
5**	10440.787	41.09	--	--	AV	55.00	150	Horizontal	N/A
6	16091.888	49.40	74.0	24.60	Peak	25.00	100	Horizontal	Pass
6**	16091.888	41.54	54.0	12.46	AV	25.00	100	Horizontal	Pass

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

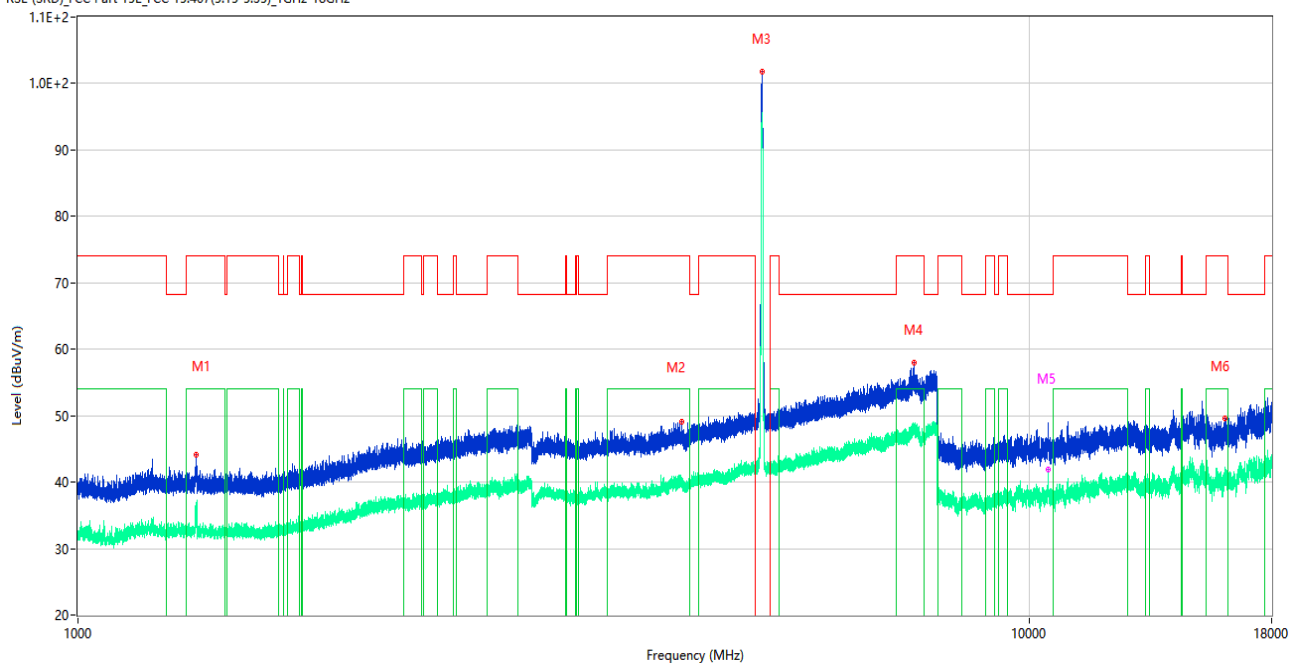
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.600	46.58	74.0	27.42	Peak	146.00	100	Vertical	Pass
1**	1333.600	35.66	54.0	18.34	AV	146.00	100	Vertical	Pass
2	4277.750	48.99	74.0	25.01	Peak	359.00	200	Vertical	Pass
2**	4277.750	39.65	54.0	14.35	AV	359.00	200	Vertical	Pass
3	5221.250	98.42	--	--	Peak	181.00	200	Vertical	N/A
3**	5221.250	90.18	--	--	AV	181.00	200	Vertical	N/A
4	6960.250	54.22	68.2	13.98	Peak	350.00	150	Vertical	Pass
4**	6960.250	49.43	--	--	AV	350.00	150	Vertical	N/A
5	10442.450	48.16	68.2	20.04	Peak	197.00	150	Vertical	Pass
5**	10442.450	43.67	--	--	AV	197.00	150	Vertical	N/A
6	15378.675	50.36	74.0	23.64	Peak	353.00	150	Vertical	Pass
6**	15378.675	41.46	54.0	12.54	AV	353.00	150	Vertical	Pass

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

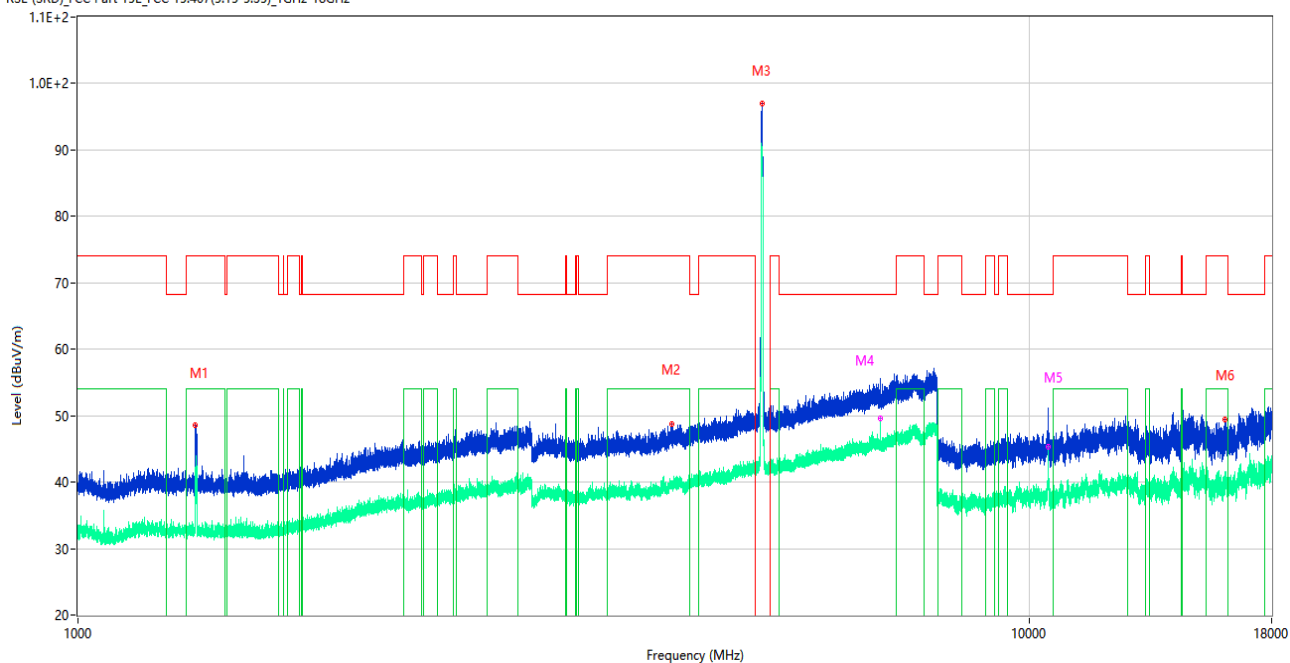
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.600	44.07	74.0	29.93	Peak	51.00	100	Horizontal	Pass
1**	1330.600	34.27	54.0	19.73	AV	51.00	100	Horizontal	Pass
2	4318.750	49.08	74.0	24.92	Peak	104.00	100	Horizontal	Pass
2**	4318.750	39.65	54.0	14.35	AV	104.00	100	Horizontal	Pass
3	5243.000	101.79	--	--	Peak	128.00	200	Horizontal	N/A
3**	5243.000	93.96	--	--	AV	128.00	200	Horizontal	N/A
4	7571.500	58.00	74.0	16.00	Peak	78.00	100	Horizontal	Pass
4**	7571.500	47.87	54.0	6.13	AV	78.00	100	Horizontal	Pass
5	10480.925	48.92	68.2	19.28	Peak	171.00	150	Horizontal	Pass
5**	10480.925	41.83	--	--	AV	171.00	150	Horizontal	N/A
6	16086.375	49.56	74.0	24.44	Peak	353.00	200	Horizontal	Pass
6**	16086.375	40.95	54.0	13.05	AV	353.00	200	Horizontal	Pass

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

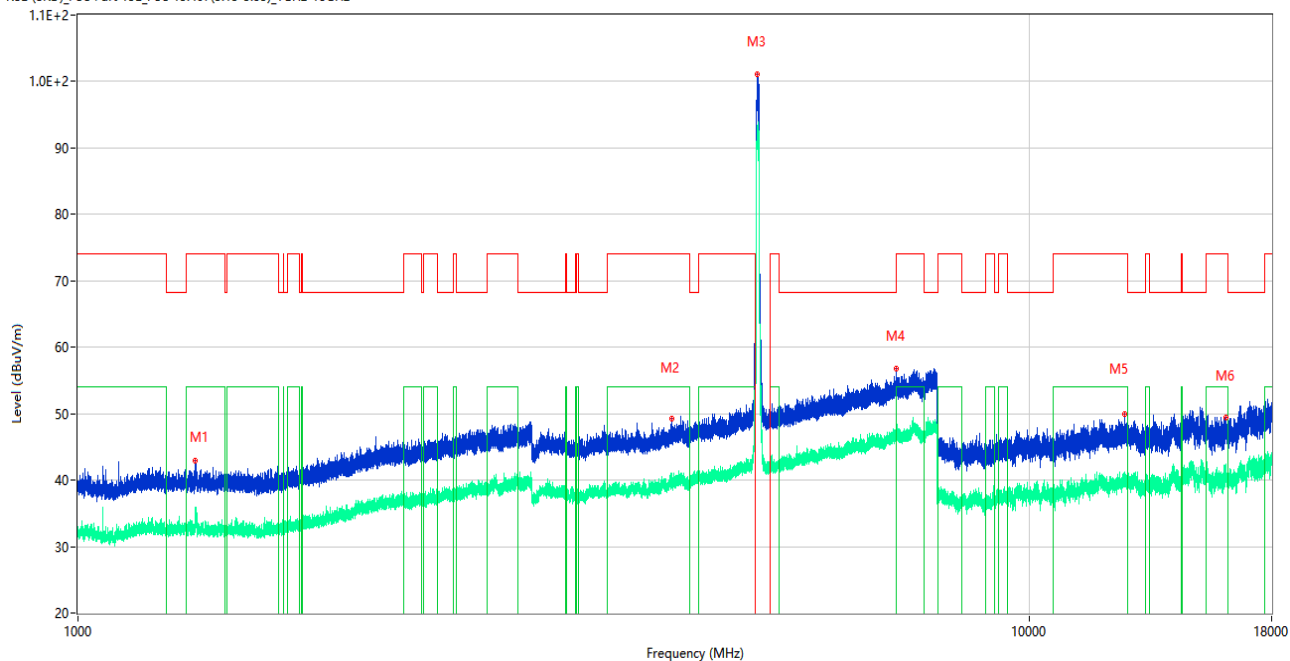
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	48.63	74.0	25.37	Peak	148.00	200	Vertical	Pass
1**	1329.600	37.40	54.0	16.60	AV	148.00	200	Vertical	Pass
2	4212.500	48.73	74.0	25.27	Peak	348.00	200	Vertical	Pass
2**	4212.500	39.29	54.0	14.71	AV	348.00	200	Vertical	Pass
3	5243.000	97.02	--	--	Peak	215.00	200	Vertical	N/A
3**	5243.000	88.60	--	--	AV	215.00	200	Vertical	N/A
4	6986.750	55.05	68.2	13.15	Peak	0.00	150	Vertical	Pass
4**	6986.750	49.58	--	--	AV	0.00	150	Vertical	N/A
5	10478.788	49.73	68.2	18.47	Peak	240.00	150	Vertical	Pass
5**	10478.788	45.34	--	--	AV	240.00	150	Vertical	N/A
6	16085.588	49.40	74.0	24.60	Peak	0.00	200	Vertical	Pass
6**	16085.588	40.67	54.0	13.33	AV	0.00	200	Vertical	Pass

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

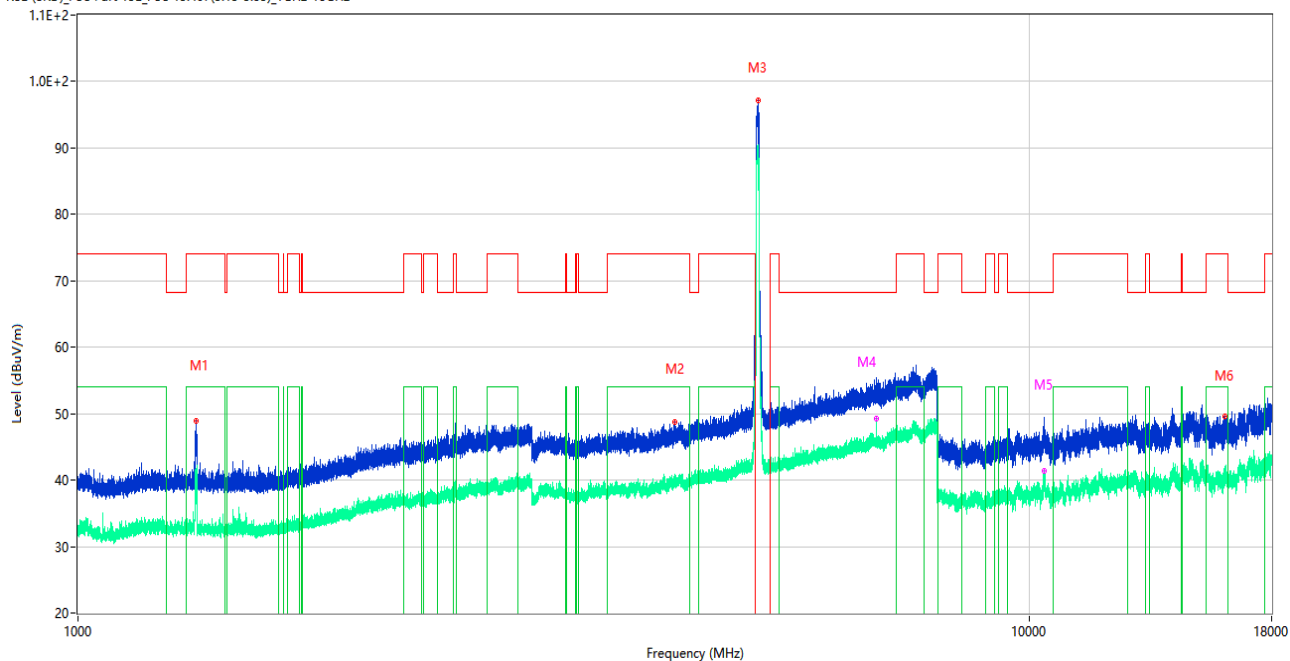
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.200	42.90	74.0	31.10	Peak	360.00	300	Horizontal	Pass
1**	1328.200	34.00	54.0	20.00	AV	360.00	300	Horizontal	Pass
2	4208.250	49.22	74.0	24.78	Peak	0.00	150	Horizontal	Pass
2**	4208.250	39.24	54.0	14.76	AV	0.00	150	Horizontal	Pass
3	5184.500	101.05	--	--	Peak	127.00	200	Horizontal	N/A
3**	5184.500	92.63	--	--	AV	127.00	200	Horizontal	N/A
4	7260.750	56.74	74.0	17.26	Peak	18.00	300	Horizontal	Pass
4**	7260.750	47.92	54.0	6.08	AV	18.00	300	Horizontal	Pass
5	12606.312	50.01	74.0	23.99	Peak	2.00	200	Horizontal	Pass
5**	12606.312	39.28	54.0	14.72	AV	2.00	200	Horizontal	Pass
6	16109.213	49.47	74.0	24.53	Peak	56.00	100	Horizontal	Pass
6**	16109.213	40.38	54.0	13.62	AV	56.00	100	Horizontal	Pass

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

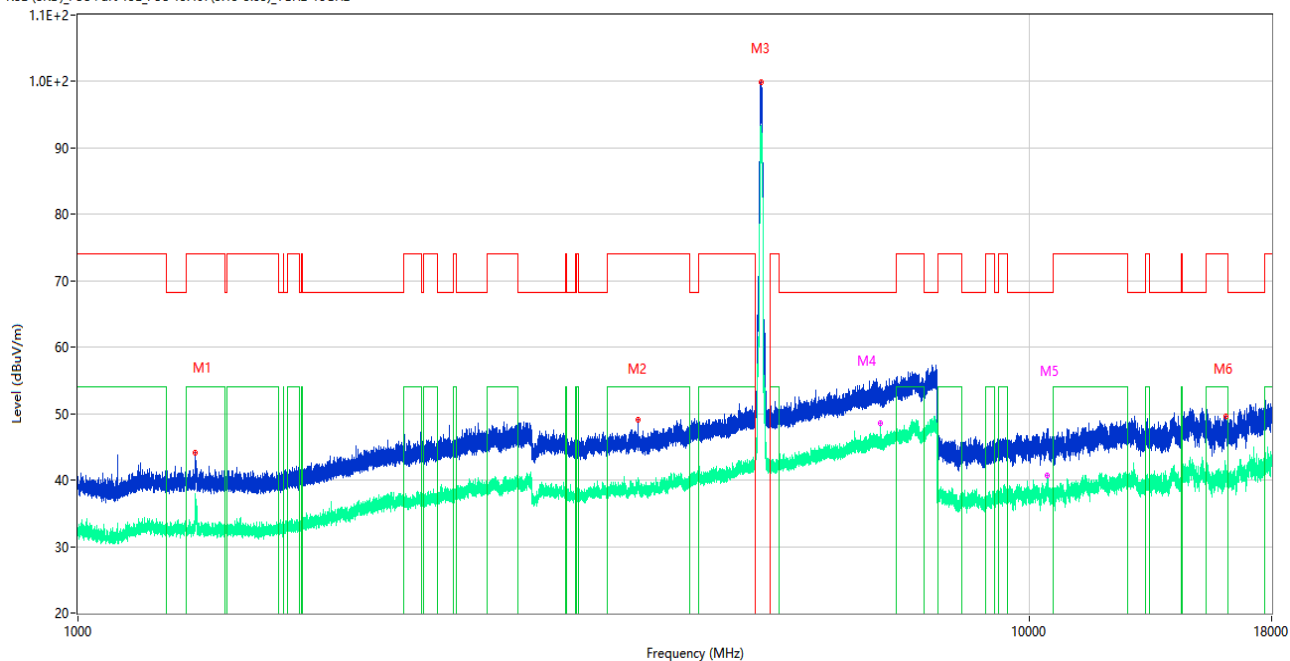
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.900	48.96	74.0	25.04	Peak	107.00	200	Vertical	Pass
1**	1329.900	41.54	54.0	12.46	AV	107.00	200	Vertical	Pass
2	4243.000	48.75	74.0	25.25	Peak	84.00	100	Vertical	Pass
2**	4243.000	39.93	54.0	14.07	AV	84.00	100	Vertical	Pass
3	5187.250	97.12	--	--	Peak	345.00	200	Vertical	N/A
3**	5187.250	89.81	--	--	AV	345.00	200	Vertical	N/A
4	6920.000	54.48	68.2	13.72	Peak	345.00	150	Vertical	Pass
4**	6920.000	49.23	--	--	AV	345.00	150	Vertical	N/A
5	10379.037	46.47	68.2	21.73	Peak	326.00	150	Vertical	Pass
5**	10379.037	41.46	--	--	AV	326.00	150	Vertical	N/A
6	16077.712	49.65	74.0	24.35	Peak	38.00	400	Vertical	Pass
6**	16077.712	41.02	54.0	12.98	AV	38.00	400	Vertical	Pass

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

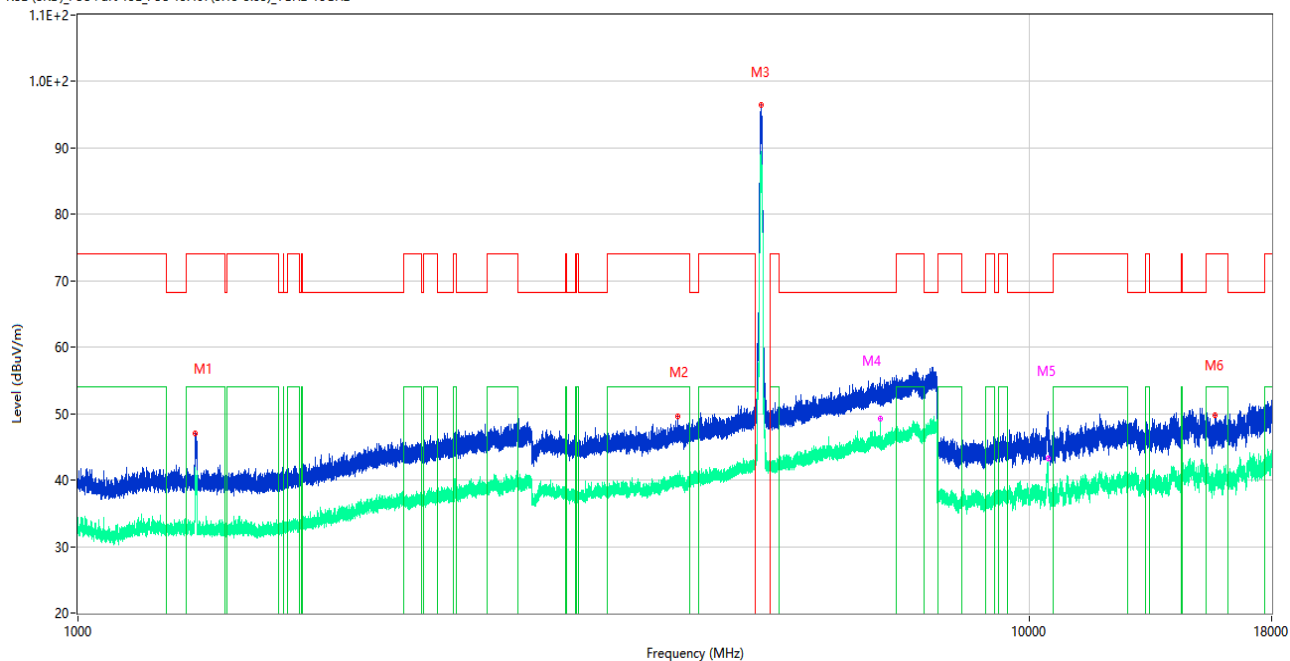
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.100	44.07	74.0	29.93	Peak	53.00	400	Horizontal	Pass
1**	1329.100	35.61	54.0	18.39	AV	53.00	400	Horizontal	Pass
2	3885.500	49.06	74.0	24.94	Peak	355.00	150	Horizontal	Pass
2**	3885.500	38.96	54.0	15.04	AV	355.00	150	Horizontal	Pass
3	5225.750	99.98	--	--	Peak	128.00	150	Horizontal	N/A
3**	5225.750	92.66	--	--	AV	128.00	150	Horizontal	N/A
4	6973.250	53.34	68.2	14.86	Peak	256.00	150	Horizontal	Pass
4**	6973.250	48.61	--	--	AV	256.00	150	Horizontal	N/A
5	10458.599	44.90	68.2	23.30	Peak	232.00	150	Horizontal	Pass
5**	10458.599	40.63	--	--	AV	232.00	150	Horizontal	N/A
6	16098.187	49.63	74.0	24.37	Peak	342.00	300	Horizontal	Pass
6**	16098.187	41.28	54.0	12.72	AV	342.00	300	Horizontal	Pass

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

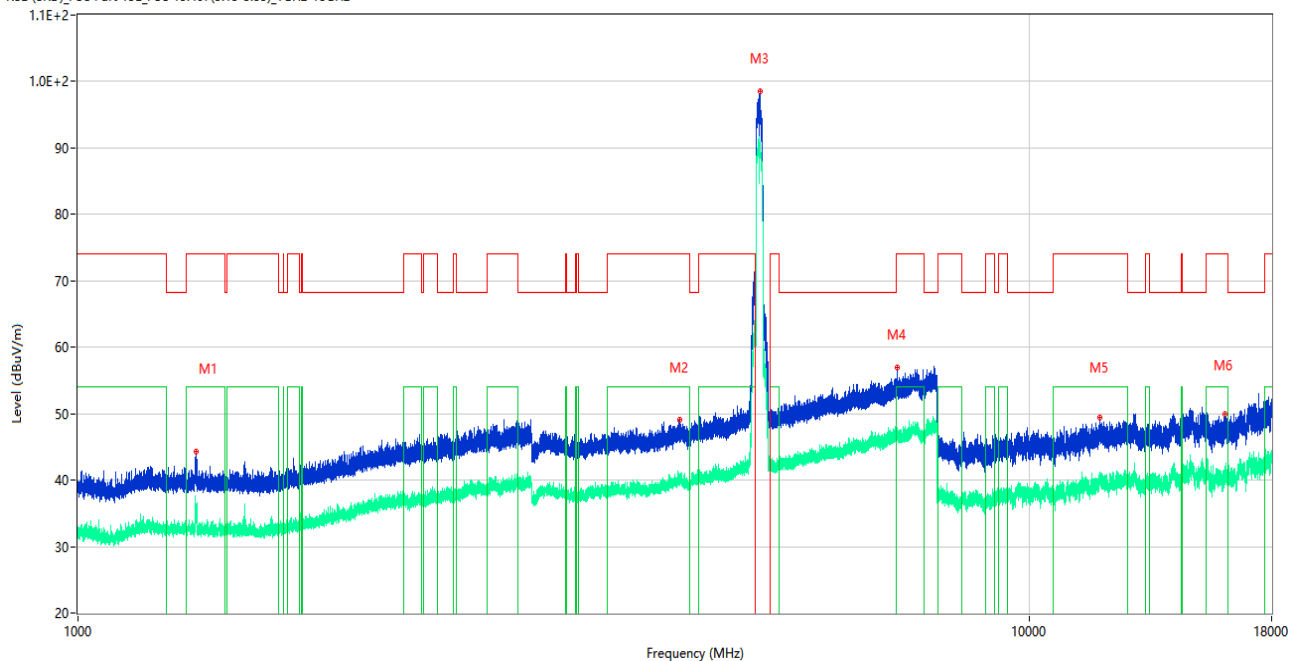
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.300	47.09	74.0	26.91	Peak	138.00	400	Vertical	Pass
1**	1328.300	37.90	54.0	16.10	AV	138.00	400	Vertical	Pass
2	4278.250	49.56	74.0	24.44	Peak	240.00	300	Vertical	Pass
2**	4278.250	40.38	54.0	13.62	AV	240.00	300	Vertical	Pass
3	5226.500	96.52	--	--	Peak	171.00	100	Vertical	N/A
3**	5226.500	88.31	--	--	AV	171.00	100	Vertical	N/A
4	6973.500	54.37	68.2	13.83	Peak	340.00	150	Vertical	Pass
4**	6973.500	49.28	--	--	AV	340.00	150	Vertical	N/A
5	10470.475	46.67	68.2	21.53	Peak	196.00	150	Vertical	Pass
5**	10470.475	43.22	--	--	AV	196.00	150	Vertical	N/A
6	15690.526	49.69	74.0	24.31	Peak	3.00	150	Vertical	Pass
6**	15690.526	40.67	54.0	13.33	AV	3.00	150	Vertical	Pass

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

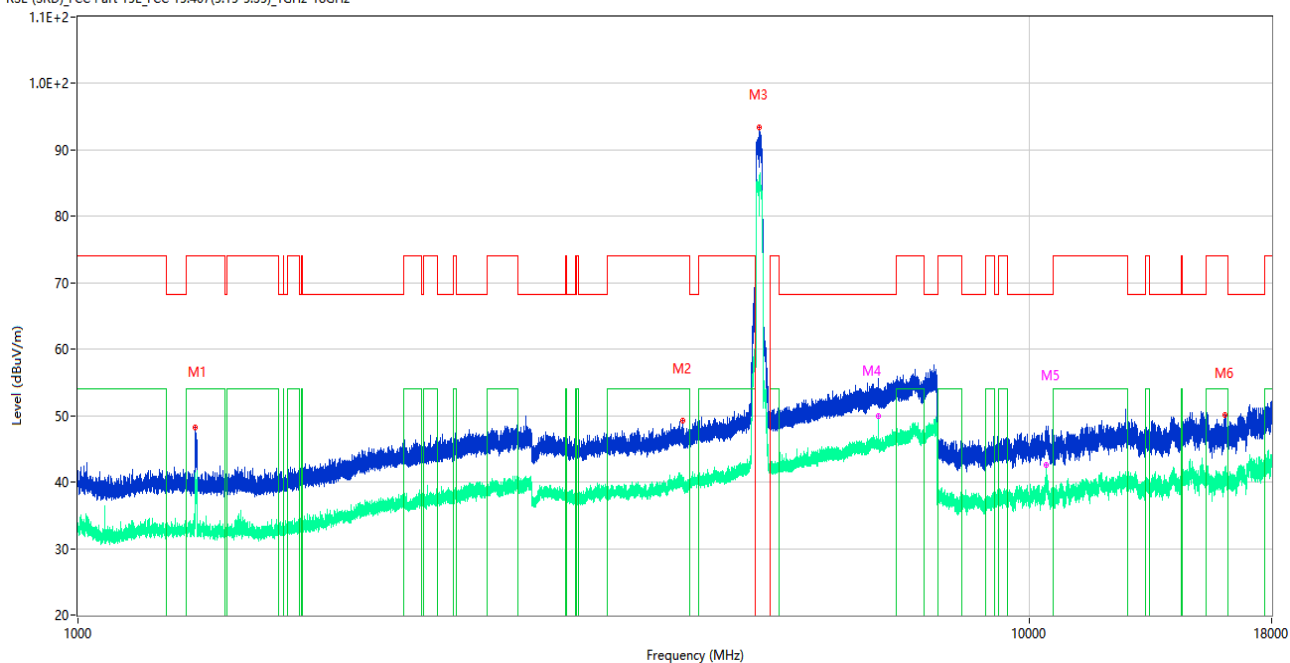
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	44.30	74.0	29.70	Peak	59.00	300	Horizontal	Pass
1**	1330.000	34.71	54.0	19.29	AV	59.00	300	Horizontal	Pass
2	4291.000	49.05	74.0	24.95	Peak	95.00	400	Horizontal	Pass
2**	4291.000	40.80	54.0	13.20	AV	95.00	400	Horizontal	Pass
3	5213.000	98.57	--	--	Peak	119.00	200	Horizontal	N/A
3**	5213.000	90.73	--	--	AV	119.00	200	Horizontal	N/A
4	7272.500	56.89	74.0	17.11	Peak	263.00	150	Horizontal	Pass
4**	7272.500	46.98	54.0	7.02	AV	263.00	150	Horizontal	Pass
5	11874.338	49.36	74.0	24.64	Peak	228.00	200	Horizontal	Pass
5**	11874.338	40.31	54.0	13.69	AV	228.00	200	Horizontal	Pass
6	16083.488	50.01	74.0	23.99	Peak	226.00	300	Horizontal	Pass
6**	16083.488	41.11	54.0	12.89	AV	226.00	300	Horizontal	Pass

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

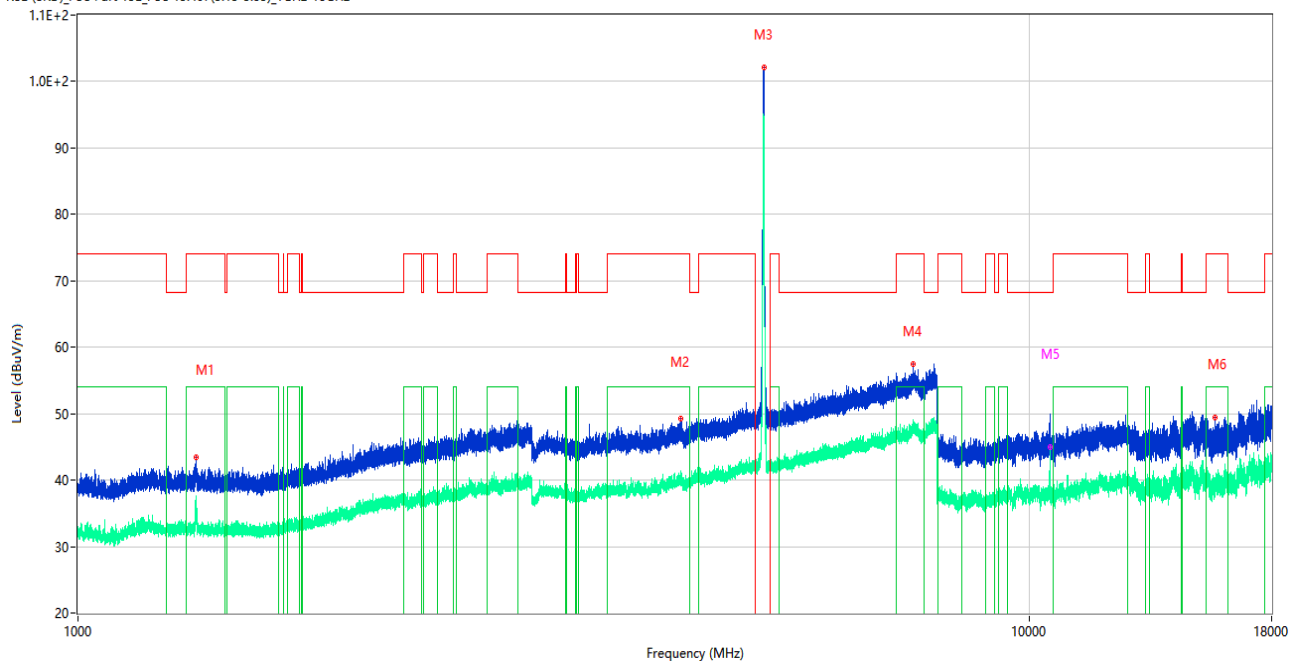
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.100	48.26	74.0	25.74	Peak	155.00	100	Vertical	Pass
1**	1328.100	38.71	54.0	15.29	AV	155.00	100	Vertical	Pass
2	4320.000	49.34	74.0	24.66	Peak	1.00	100	Vertical	Pass
2**	4320.000	39.44	54.0	14.56	AV	1.00	100	Vertical	Pass
3	5202.500	93.35	--	--	Peak	352.00	200	Vertical	N/A
3**	5202.500	85.53	--	--	AV	352.00	200	Vertical	N/A
4	6947.000	55.08	68.2	13.12	Peak	359.00	150	Vertical	Pass
4**	6947.000	50.00	--	--	AV	359.00	150	Vertical	N/A
5	10438.651	46.75	68.2	21.45	Peak	204.00	150	Vertical	Pass
5**	10438.651	42.57	--	--	AV	204.00	150	Vertical	N/A
6	16082.700	50.18	74.0	23.82	Peak	248.00	200	Vertical	Pass
6**	16082.700	40.67	54.0	13.33	AV	248.00	200	Vertical	Pass

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

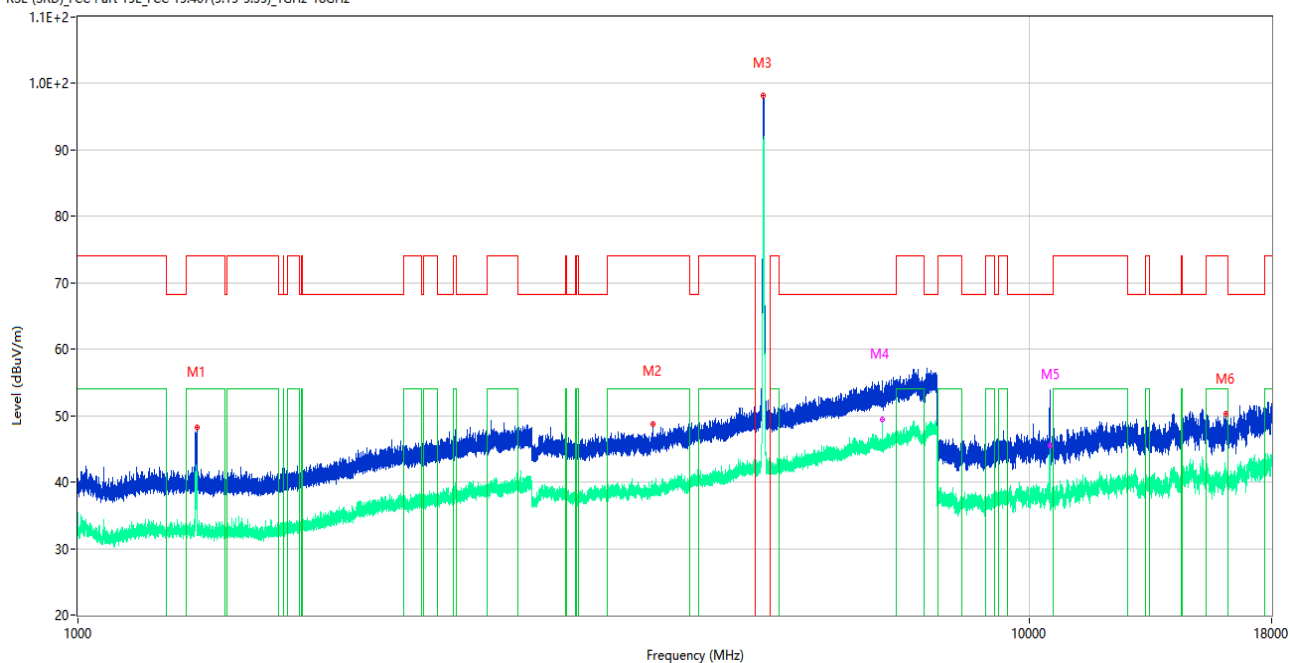
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.200	43.51	74.0	30.49	Peak	61.00	300	Horizontal	Pass
1**	1331.200	34.09	54.0	19.91	AV	61.00	300	Horizontal	Pass
2	4300.750	49.31	74.0	24.69	Peak	105.00	200	Horizontal	Pass
2**	4300.750	41.38	54.0	12.62	AV	105.00	200	Horizontal	Pass
3	5262.000	102.16	--	--	Peak	121.00	100	Horizontal	N/A
3**	5262.000	94.10	--	--	AV	121.00	100	Horizontal	N/A
4	7556.000	57.41	74.0	16.59	Peak	112.00	400	Horizontal	Pass
4**	7556.000	47.60	54.0	6.40	AV	112.00	400	Horizontal	Pass
5	10518.925	48.02	68.2	20.18	Peak	56.00	150	Horizontal	Pass
5**	10518.925	45.00	--	--	AV	56.00	150	Horizontal	N/A
6	15709.162	49.40	74.0	24.60	Peak	357.00	150	Horizontal	Pass
6**	15709.162	39.91	54.0	14.09	AV	357.00	150	Horizontal	Pass

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

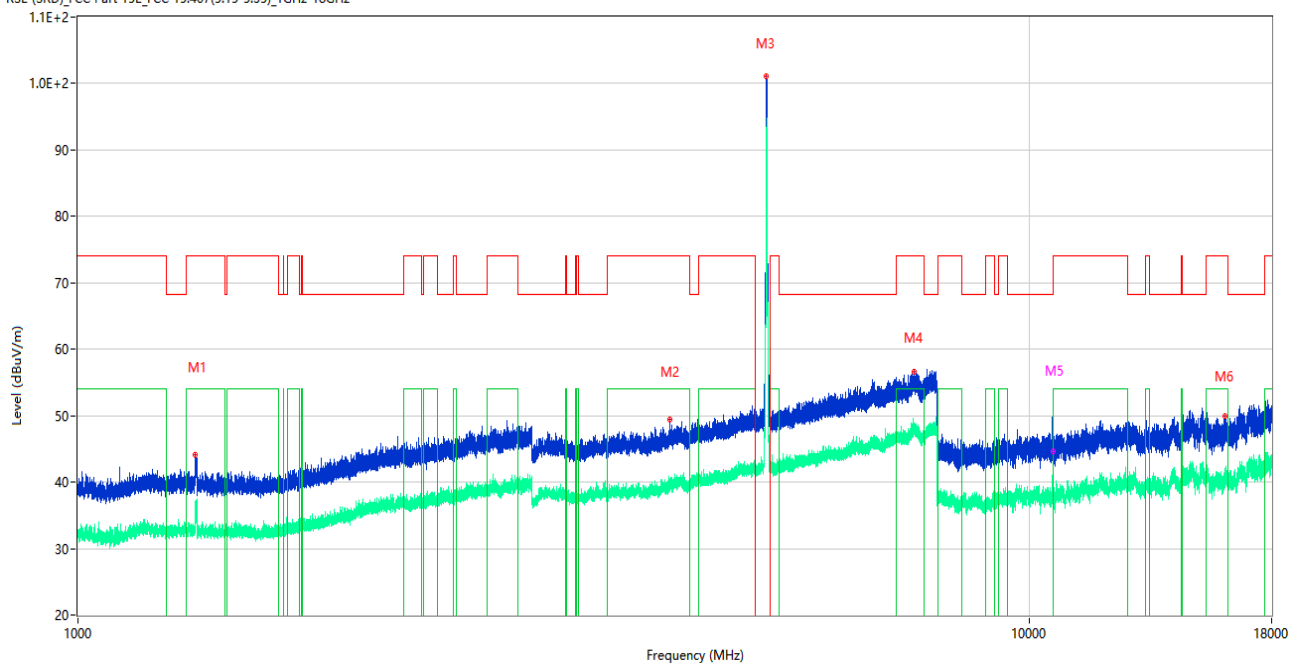
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.400	48.25	74.0	25.75	Peak	105.00	300	Vertical	Pass
1**	1333.400	38.63	54.0	15.37	AV	105.00	300	Vertical	Pass
2	4022.750	48.67	74.0	25.33	Peak	359.00	150	Vertical	Pass
2**	4022.750	38.93	54.0	15.07	AV	359.00	150	Vertical	Pass
3	5261.000	98.12	--	--	Peak	158.00	150	Vertical	N/A
3**	5261.000	91.58	--	--	AV	158.00	150	Vertical	N/A
4	7013.250	54.87	68.2	13.33	Peak	5.00	150	Vertical	Pass
4**	7013.250	49.52	--	--	AV	5.00	150	Vertical	N/A
5	10521.062	53.29	68.2	14.91	Peak	200.00	150	Vertical	Pass
5**	10521.062	45.41	--	--	AV	200.00	150	Vertical	N/A
6	16103.175	50.21	74.0	23.79	Peak	183.00	300	Vertical	Pass
6**	16103.175	41.03	54.0	12.97	AV	183.00	300	Vertical	Pass

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

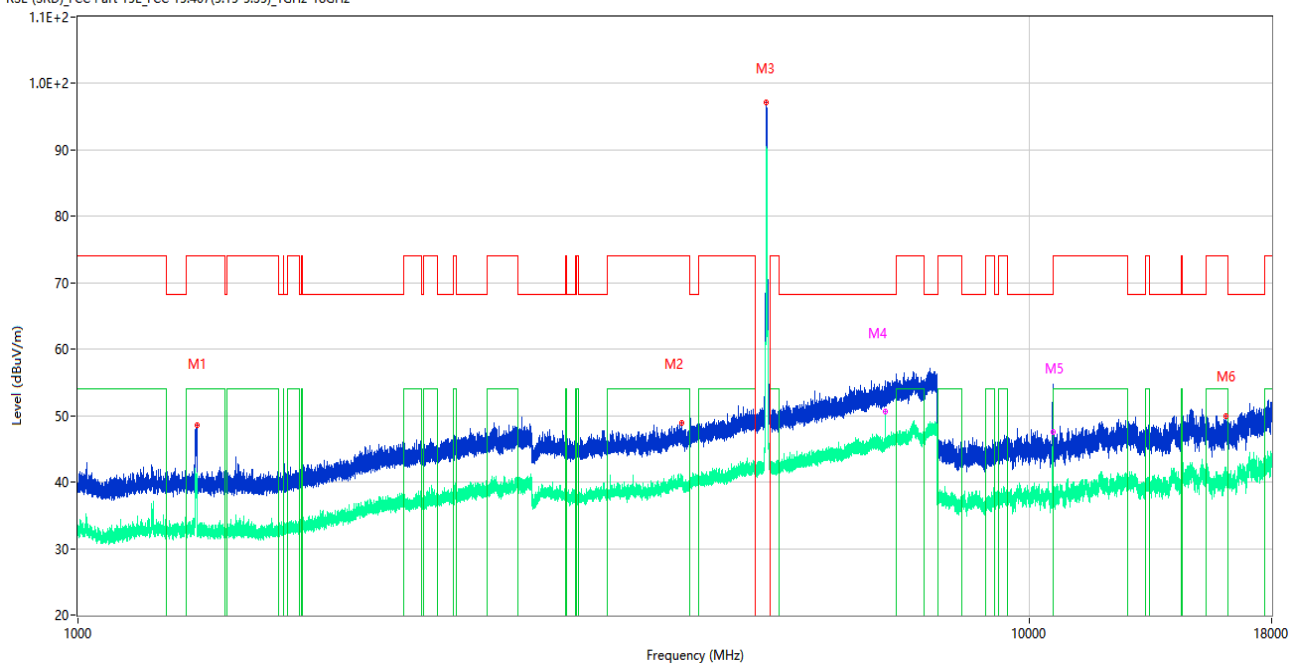
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.300	44.08	74.0	29.92	Peak	217.00	300	Horizontal	Pass
1**	1329.300	35.74	54.0	18.26	AV	217.00	300	Horizontal	Pass
2	4193.500	49.39	74.0	24.61	Peak	0.00	100	Horizontal	Pass
2**	4193.500	39.43	54.0	14.57	AV	0.00	100	Horizontal	Pass
3	5298.750	101.06	--	--	Peak	125.00	200	Horizontal	N/A
3**	5298.750	93.48	--	--	AV	125.00	200	Horizontal	N/A
4	7580.250	56.68	74.0	17.32	Peak	182.00	100	Horizontal	Pass
4**	7580.250	47.98	54.0	6.02	AV	182.00	100	Horizontal	Pass
5	10601.338	49.71	74.0	24.29	Peak	206.00	150	Horizontal	Pass
5**	10601.338	44.62	54.0	9.38	AV	206.00	150	Horizontal	Pass
6	16086.375	50.02	74.0	23.98	Peak	56.00	300	Horizontal	Pass
6**	16086.375	41.73	54.0	12.27	AV	56.00	300	Horizontal	Pass

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

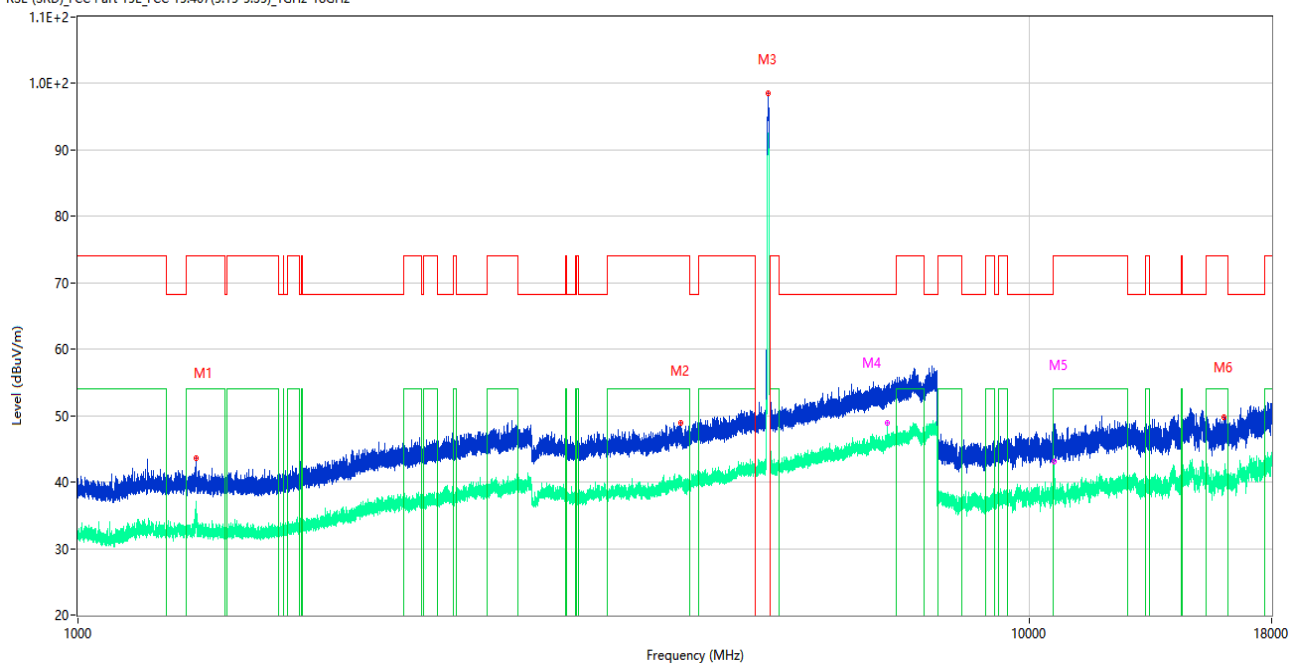
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.500	48.51	74.0	25.49	Peak	163.00	300	Vertical	Pass
1**	1333.500	36.86	54.0	17.14	AV	163.00	300	Vertical	Pass
2	4311.250	48.93	74.0	25.07	Peak	94.00	100	Vertical	Pass
2**	4311.250	40.47	54.0	13.53	AV	94.00	100	Vertical	Pass
3	5298.750	97.22	--	--	Peak	153.00	150	Vertical	N/A
3**	5298.750	89.50	--	--	AV	153.00	150	Vertical	N/A
4	7066.750	55.13	68.2	13.07	Peak	350.00	150	Vertical	Pass
4**	7066.750	50.68	--	--	AV	350.00	150	Vertical	N/A
5	10604.900	52.65	74.0	21.35	Peak	246.00	150	Vertical	Pass
5**	10604.900	47.61	54.0	6.39	AV	246.00	150	Vertical	Pass
6	16120.500	49.93	74.0	24.07	Peak	356.00	400	Vertical	Pass
6**	16120.500	41.24	54.0	12.76	AV	356.00	400	Vertical	Pass

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

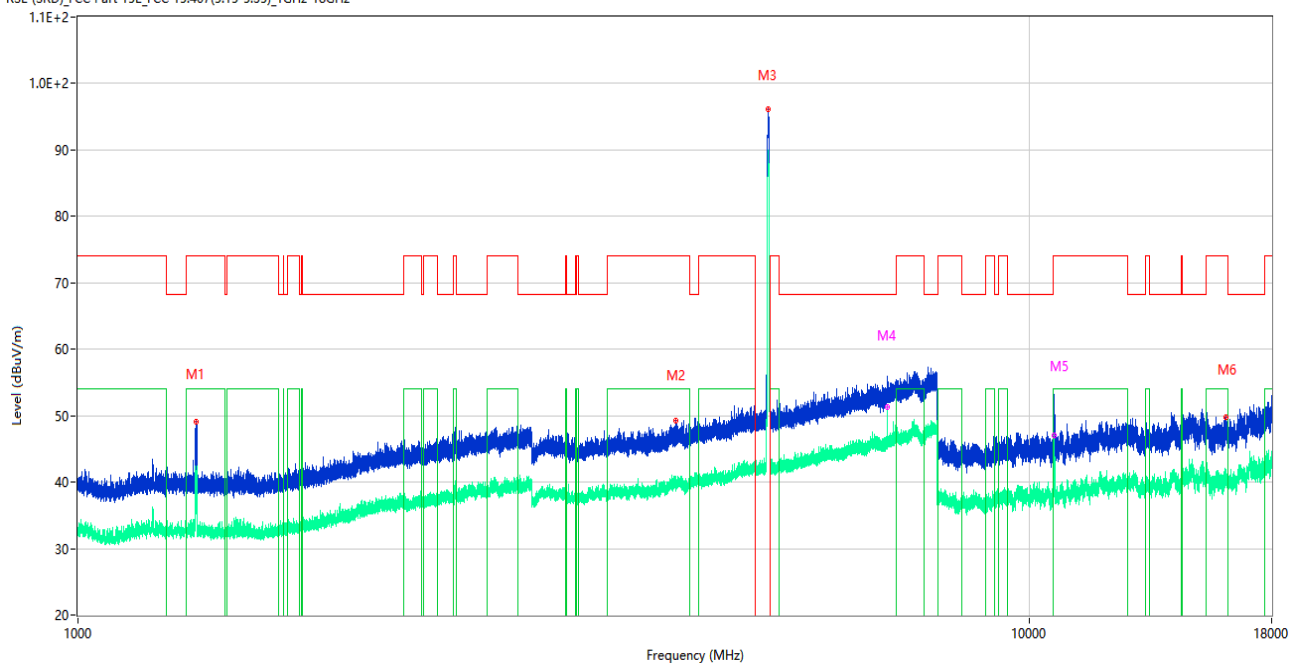
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.800	43.65	74.0	30.35	Peak	236.00	300	Horizontal	Pass
1**	1329.800	34.95	54.0	19.05	AV	236.00	300	Horizontal	Pass
2	4307.500	48.99	74.0	25.01	Peak	261.00	400	Horizontal	Pass
2**	4307.500	39.51	54.0	14.49	AV	261.00	400	Horizontal	Pass
3	5318.500	98.59	--	--	Peak	130.00	200	Horizontal	N/A
3**	5318.500	90.25	--	--	AV	130.00	200	Horizontal	N/A
4	7093.500	53.64	68.2	14.56	Peak	32.00	150	Horizontal	Pass
4**	7093.500	48.84	--	--	AV	32.00	150	Horizontal	N/A
5	10639.100	46.81	74.0	27.19	Peak	54.00	150	Horizontal	Pass
5**	10639.100	43.14	54.0	10.86	AV	54.00	150	Horizontal	Pass
6	16037.550	49.72	74.0	24.28	Peak	214.00	150	Horizontal	Pass
6**	16037.550	40.34	54.0	13.66	AV	214.00	150	Horizontal	Pass

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

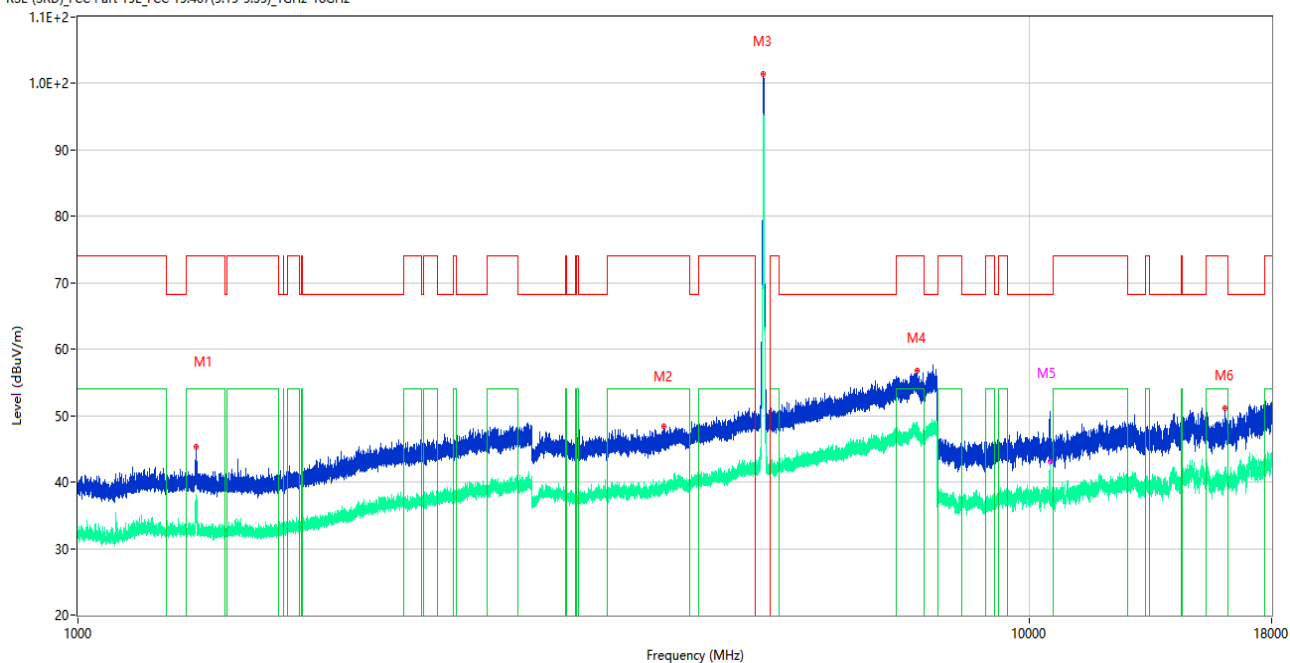
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	49.10	74.0	24.90	Peak	112.00	300	Vertical	Pass
1**	1330.500	41.31	54.0	12.69	AV	112.00	300	Vertical	Pass
2	4251.500	49.31	74.0	24.69	Peak	356.00	400	Vertical	Pass
2**	4251.500	39.80	54.0	14.20	AV	356.00	400	Vertical	Pass
3	5317.750	96.21	--	--	Peak	240.00	200	Vertical	N/A
3**	5317.750	88.45	--	--	AV	240.00	200	Vertical	N/A
4	7093.500	54.87	68.2	13.33	Peak	353.00	150	Vertical	Pass
4**	7093.500	51.30	--	--	AV	353.00	150	Vertical	N/A
5	10638.862	50.66	74.0	23.34	Peak	207.00	150	Vertical	Pass
5**	10638.862	46.99	54.0	7.01	AV	207.00	150	Vertical	Pass
6	16102.651	49.80	74.0	24.20	Peak	232.00	200	Vertical	Pass
6**	16102.651	40.74	54.0	13.26	AV	232.00	200	Vertical	Pass

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

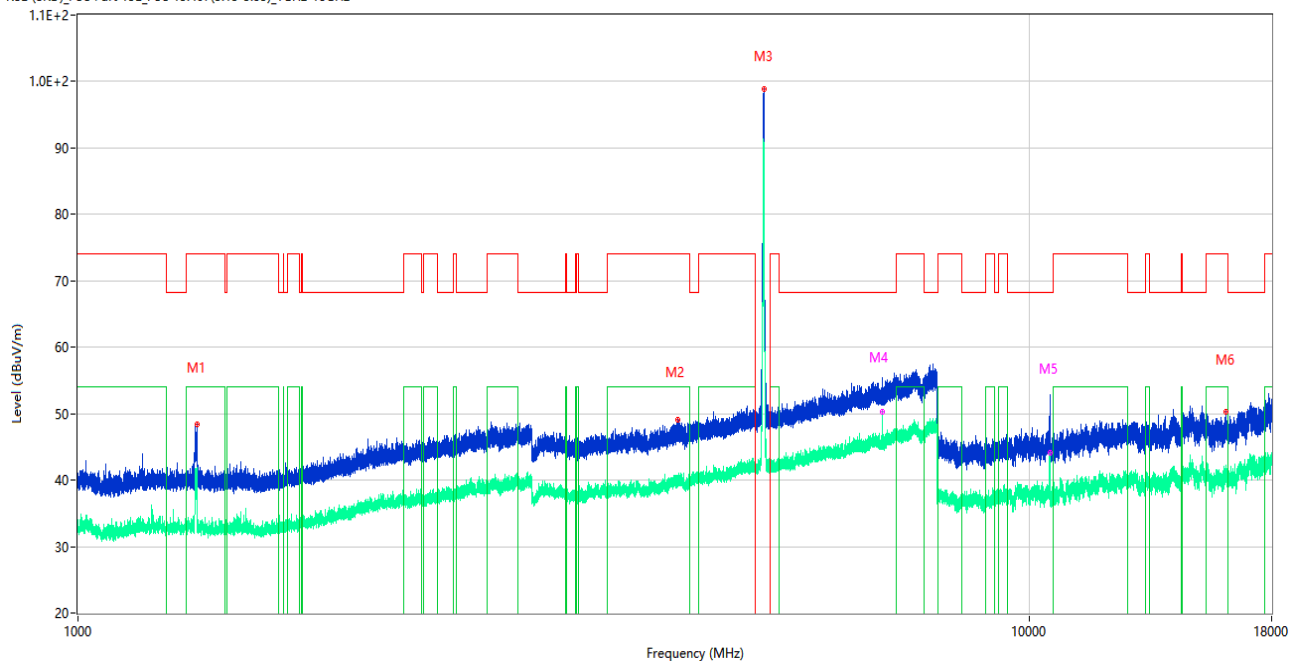
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.900	45.37	74.0	28.63	Peak	43.00	200	Horizontal	Pass
1**	1329.900	34.92	54.0	19.08	AV	43.00	200	Horizontal	Pass
2	4133.000	48.46	74.0	25.54	Peak	248.00	200	Horizontal	Pass
2**	4133.000	39.55	54.0	14.45	AV	248.00	200	Horizontal	Pass
3	5260.500	101.40	--	--	Peak	120.00	150	Horizontal	N/A
3**	5260.500	93.13	--	--	AV	120.00	150	Horizontal	N/A
4	7630.500	56.79	74.0	17.21	Peak	208.00	300	Horizontal	Pass
4**	7630.500	48.09	54.0	5.91	AV	208.00	300	Horizontal	Pass
5	10517.500	46.75	68.2	21.45	Peak	178.00	150	Horizontal	Pass
5**	10517.500	43.01	--	--	AV	178.00	150	Horizontal	N/A
6	16085.325	51.07	74.0	22.93	Peak	288.00	300	Horizontal	Pass
6**	16085.325	41.19	54.0	12.81	AV	288.00	300	Horizontal	Pass

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

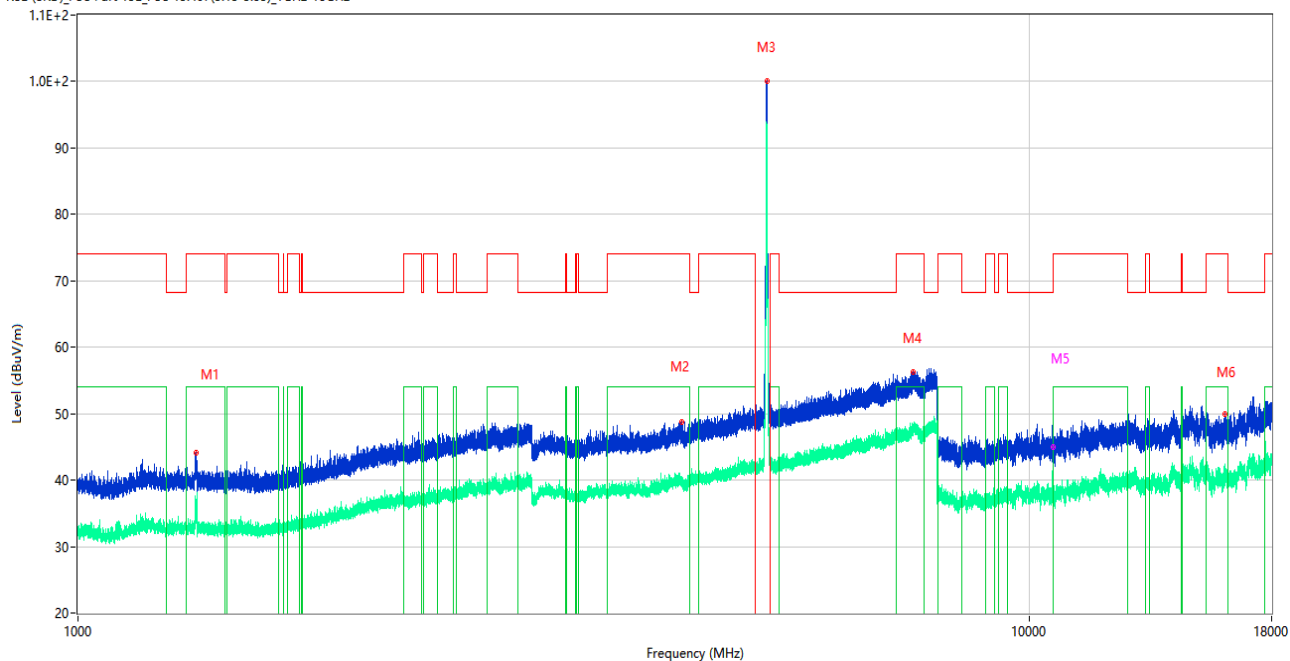
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.300	48.38	74.0	25.62	Peak	164.00	400	Vertical	Pass
1**	1333.300	36.54	54.0	17.46	AV	164.00	400	Vertical	Pass
2	4275.250	49.09	74.0	24.91	Peak	11.00	100	Vertical	Pass
2**	4275.250	39.78	54.0	14.22	AV	11.00	100	Vertical	Pass
3	5261.500	98.87	--	--	Peak	154.00	200	Vertical	N/A
3**	5261.500	90.80	--	--	AV	154.00	200	Vertical	N/A
4	7013.250	55.42	68.2	12.78	Peak	360.00	150	Vertical	Pass
4**	7013.250	50.31	--	--	AV	360.00	150	Vertical	N/A
5	10518.925	49.25	68.2	18.95	Peak	333.00	150	Vertical	Pass
5**	10518.925	44.17	--	--	AV	333.00	150	Vertical	N/A
6	16115.775	50.26	74.0	23.74	Peak	174.00	150	Vertical	Pass
6**	16115.775	40.90	54.0	13.10	AV	174.00	150	Vertical	Pass

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

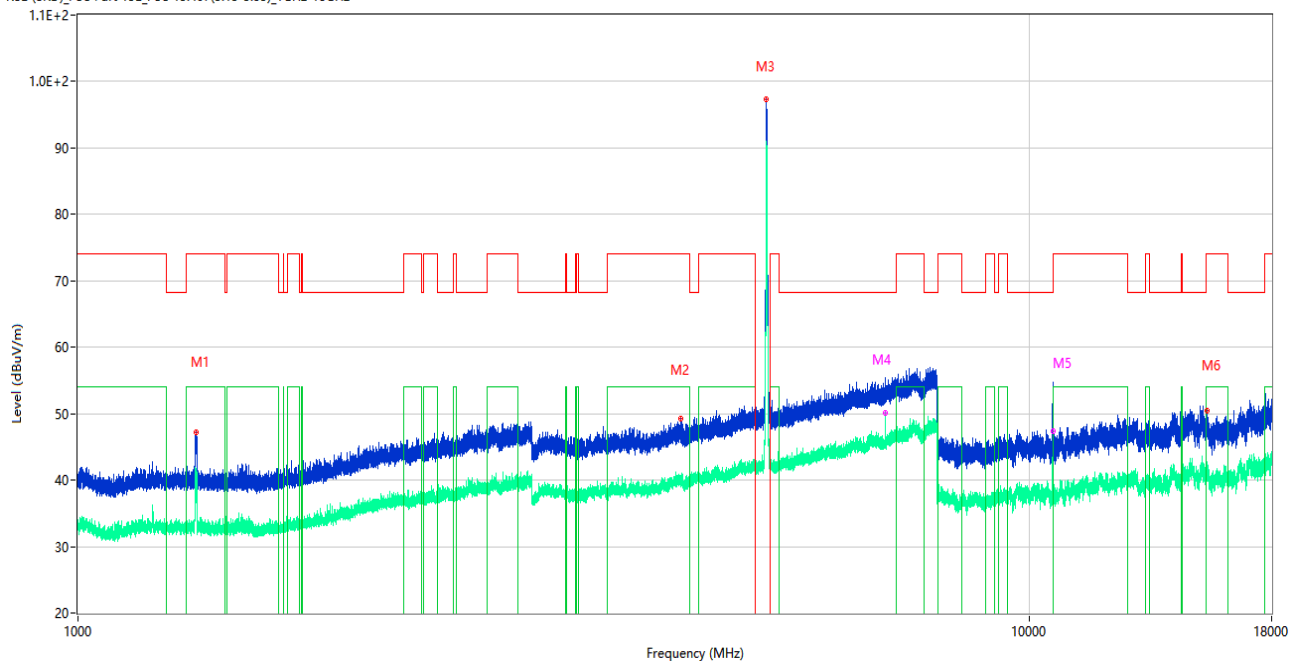
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.600	44.09	74.0	29.91	Peak	337.00	400	Horizontal	Pass
1**	1330.600	35.14	54.0	18.86	AV	337.00	400	Horizontal	Pass
2	4309.500	48.76	74.0	25.24	Peak	41.00	200	Horizontal	Pass
2**	4309.500	40.48	54.0	13.52	AV	41.00	200	Horizontal	Pass
3	5301.250	100.13	--	--	Peak	116.00	100	Horizontal	N/A
3**	5301.250	93.41	--	--	AV	116.00	100	Horizontal	N/A
4	7551.000	56.33	74.0	17.67	Peak	49.00	300	Horizontal	Pass
4**	7551.000	47.31	54.0	6.69	AV	49.00	300	Horizontal	Pass
5	10601.575	48.49	74.0	25.51	Peak	177.00	150	Horizontal	Pass
5**	10601.575	45.00	54.0	9.00	AV	177.00	150	Horizontal	Pass
6	16094.775	49.96	74.0	24.04	Peak	360.00	200	Horizontal	Pass
6**	16094.775	41.10	54.0	12.90	AV	360.00	200	Horizontal	Pass

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

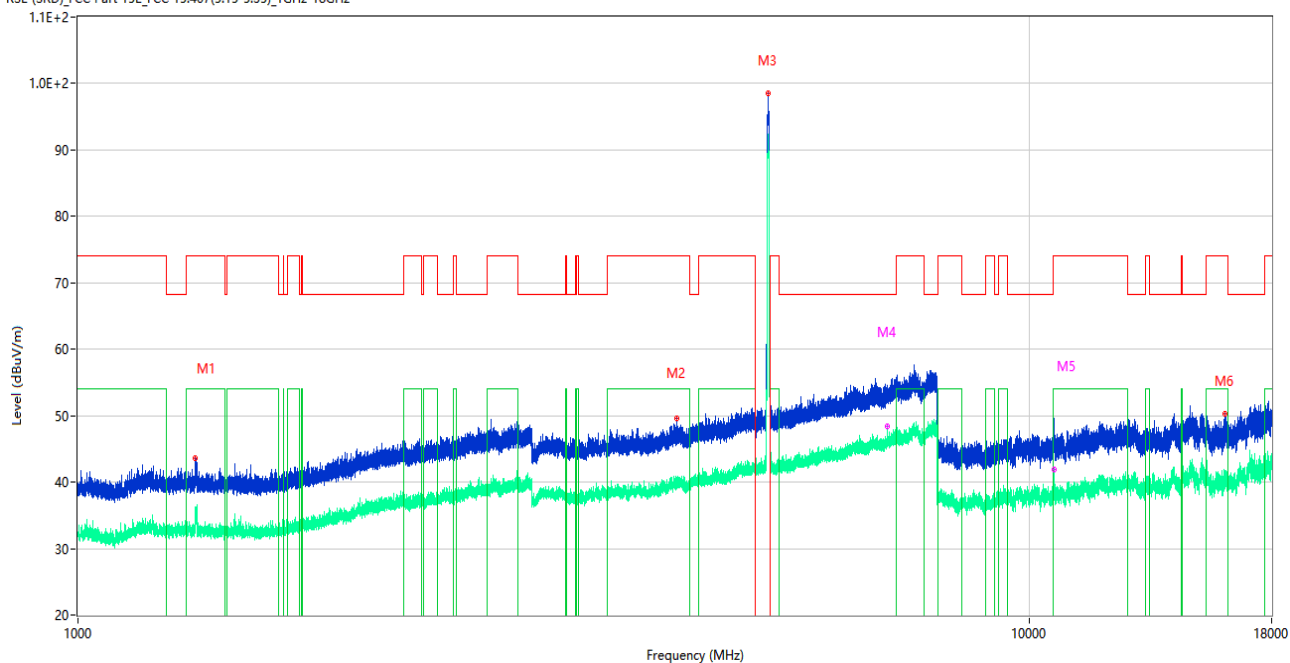
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.900	47.29	74.0	26.71	Peak	165.00	300	Vertical	Pass
1**	1329.900	37.51	54.0	16.49	AV	165.00	300	Vertical	Pass
2	4307.750	49.19	74.0	24.81	Peak	285.00	300	Vertical	Pass
2**	4307.750	39.48	54.0	14.52	AV	285.00	300	Vertical	Pass
3	5298.500	97.31	--	--	Peak	152.00	100	Vertical	N/A
3**	5298.500	89.80	--	--	AV	152.00	100	Vertical	N/A
4	7066.750	54.91	68.2	13.29	Peak	360.00	150	Vertical	Pass
4**	7066.750	50.13	--	--	AV	360.00	150	Vertical	N/A
5	10601.338	51.01	74.0	22.99	Peak	254.00	150	Vertical	Pass
5**	10601.338	47.40	54.0	6.60	AV	254.00	150	Vertical	Pass
6	15377.362	50.43	74.0	23.57	Peak	8.00	150	Vertical	Pass
6**	15377.362	41.55	54.0	12.45	AV	8.00	150	Vertical	Pass

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

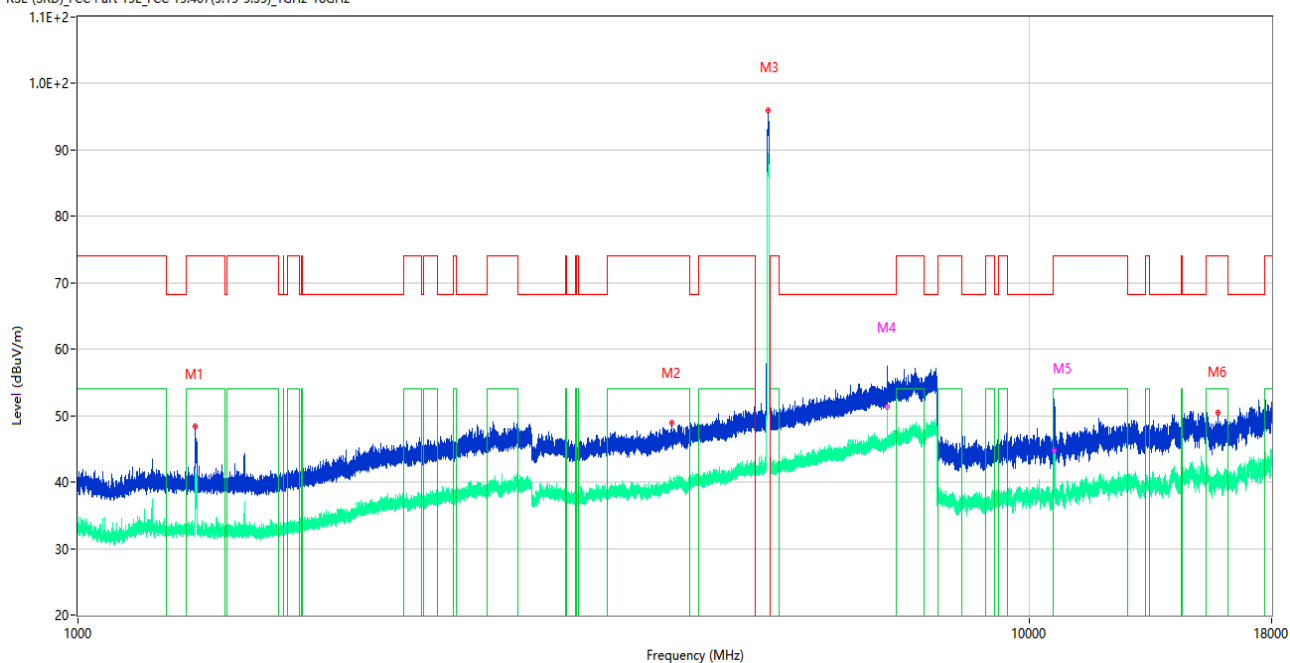
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	43.57	74.0	30.43	Peak	45.00	300	Horizontal	Pass
1**	1329.200	35.08	54.0	18.92	AV	45.00	300	Horizontal	Pass
2	4265.500	49.63	74.0	24.37	Peak	185.00	200	Horizontal	Pass
2**	4265.500	39.49	54.0	14.51	AV	185.00	200	Horizontal	Pass
3	5324.500	98.45	--	--	Peak	126.00	200	Horizontal	N/A
3**	5324.500	89.42	--	--	AV	126.00	200	Horizontal	N/A
4	7093.250	53.77	68.2	14.43	Peak	29.00	150	Horizontal	Pass
4**	7093.250	48.32	--	--	AV	29.00	150	Horizontal	N/A
5	10634.112	47.15	74.0	26.85	Peak	201.00	150	Horizontal	Pass
5**	10634.112	41.93	54.0	12.07	AV	201.00	150	Horizontal	Pass
6	16078.763	50.26	74.0	23.74	Peak	98.00	400	Horizontal	Pass
6**	16078.763	40.90	54.0	13.10	AV	98.00	400	Horizontal	Pass

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

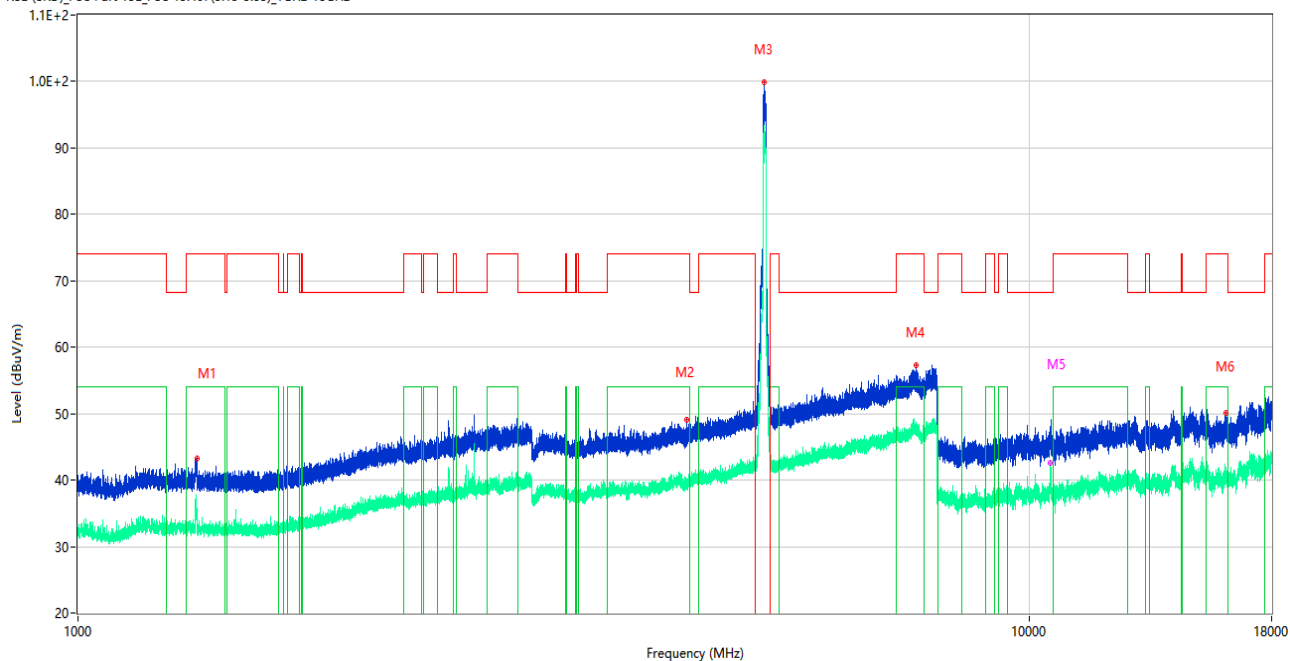
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.100	48.36	74.0	25.64	Peak	152.00	200	Vertical	Pass
1**	1329.100	39.31	54.0	14.69	AV	152.00	200	Vertical	Pass
2	4210.500	48.93	74.0	25.07	Peak	127.00	400	Vertical	Pass
2**	4210.500	39.51	54.0	14.49	AV	127.00	400	Vertical	Pass
3	5317.500	96.04	--	--	Peak	236.00	200	Vertical	N/A
3**	5317.500	89.50	--	--	AV	236.00	200	Vertical	N/A
4	7093.500	55.31	68.2	12.89	Peak	0.00	150	Vertical	Pass
4**	7093.500	51.31	--	--	AV	0.00	150	Vertical	N/A
5	10637.200	50.05	74.0	23.95	Peak	243.00	150	Vertical	Pass
5**	10637.200	44.80	54.0	9.20	AV	243.00	150	Vertical	Pass
6	15790.537	50.38	74.0	23.62	Peak	228.00	150	Vertical	Pass
6**	15790.537	40.12	54.0	13.88	AV	228.00	150	Vertical	Pass

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

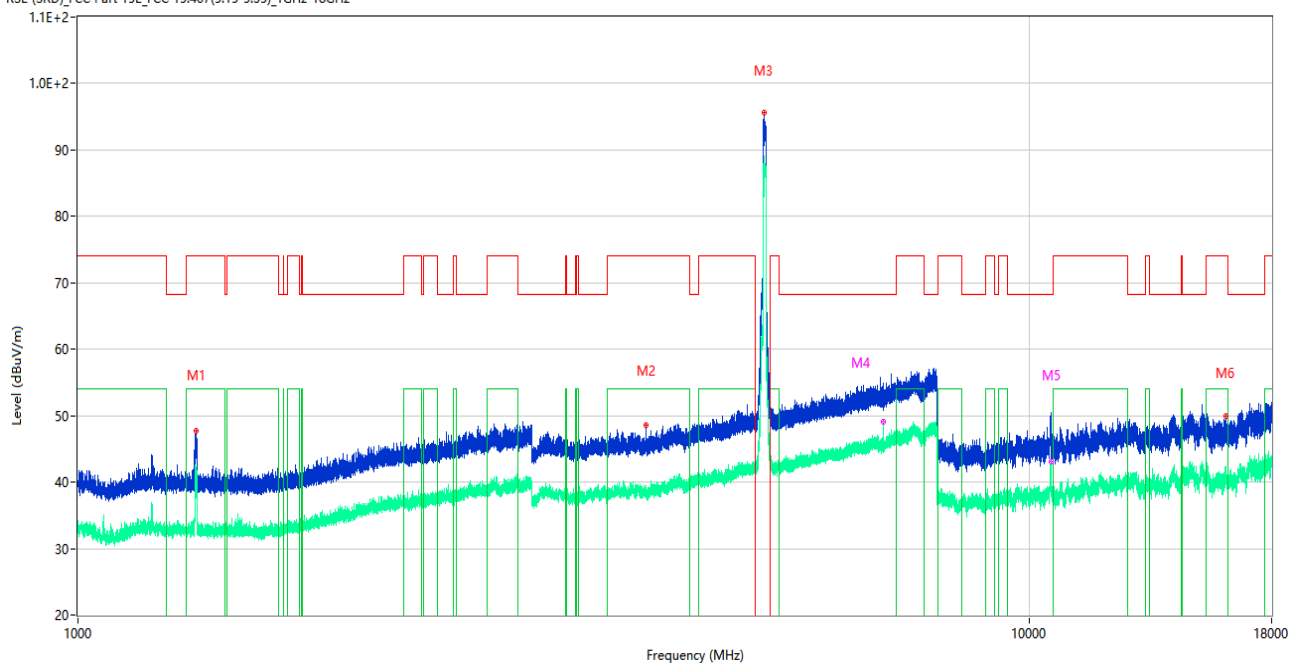
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.600	43.33	74.0	30.67	Peak	55.00	300	Horizontal	Pass
1**	1333.600	34.29	54.0	19.71	AV	55.00	300	Horizontal	Pass
2	4364.750	49.06	74.0	24.94	Peak	311.00	100	Horizontal	Pass
2**	4364.750	39.57	54.0	14.43	AV	311.00	100	Horizontal	Pass
3	5266.000	99.91	--	--	Peak	119.00	150	Horizontal	N/A
3**	5266.000	92.04	--	--	AV	119.00	150	Horizontal	N/A
4	7616.500	57.29	74.0	16.71	Peak	287.00	300	Horizontal	Pass
4**	7616.500	48.10	54.0	5.90	AV	287.00	300	Horizontal	Pass
5	10527.475	45.75	68.2	22.45	Peak	294.00	150	Horizontal	Pass
5**	10527.475	42.52	--	--	AV	294.00	150	Horizontal	N/A
6	16104.750	50.17	74.0	23.83	Peak	202.00	100	Horizontal	Pass
6**	16104.750	40.52	54.0	13.48	AV	202.00	100	Horizontal	Pass

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

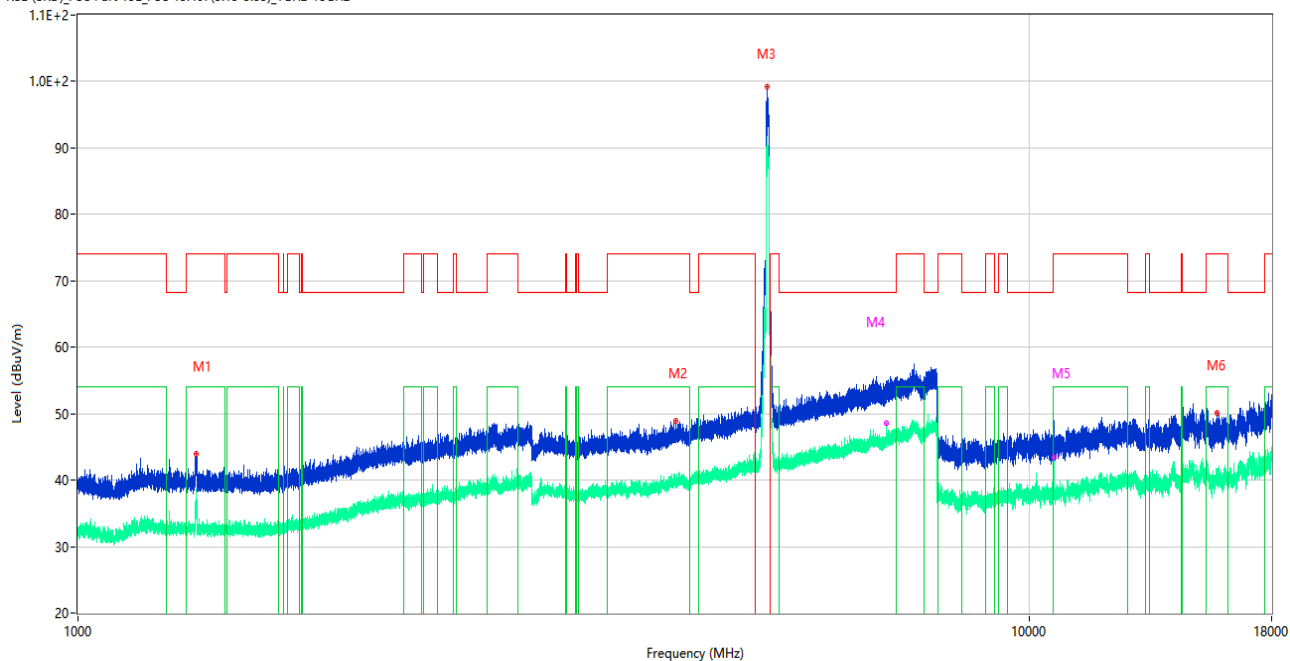
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.900	47.75	74.0	26.25	Peak	158.00	300	Vertical	Pass
1**	1329.900	40.60	54.0	13.40	AV	158.00	300	Vertical	Pass
2	3960.500	48.58	74.0	25.42	Peak	2.00	150	Vertical	Pass
2**	3960.500	38.41	54.0	15.59	AV	2.00	150	Vertical	Pass
3	5265.000	95.57	--	--	Peak	156.00	100	Vertical	N/A
3**	5265.000	88.49	--	--	AV	156.00	100	Vertical	N/A
4	7027.000	53.36	68.2	14.84	Peak	355.00	150	Vertical	Pass
4**	7027.000	49.06	--	--	AV	355.00	150	Vertical	N/A
5	10554.313	47.59	68.2	20.61	Peak	202.00	150	Vertical	Pass
5**	10554.313	43.04	--	--	AV	202.00	150	Vertical	N/A
6	16100.550	49.97	74.0	24.03	Peak	354.00	200	Vertical	Pass
6**	16100.550	40.68	54.0	13.32	AV	354.00	200	Vertical	Pass

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

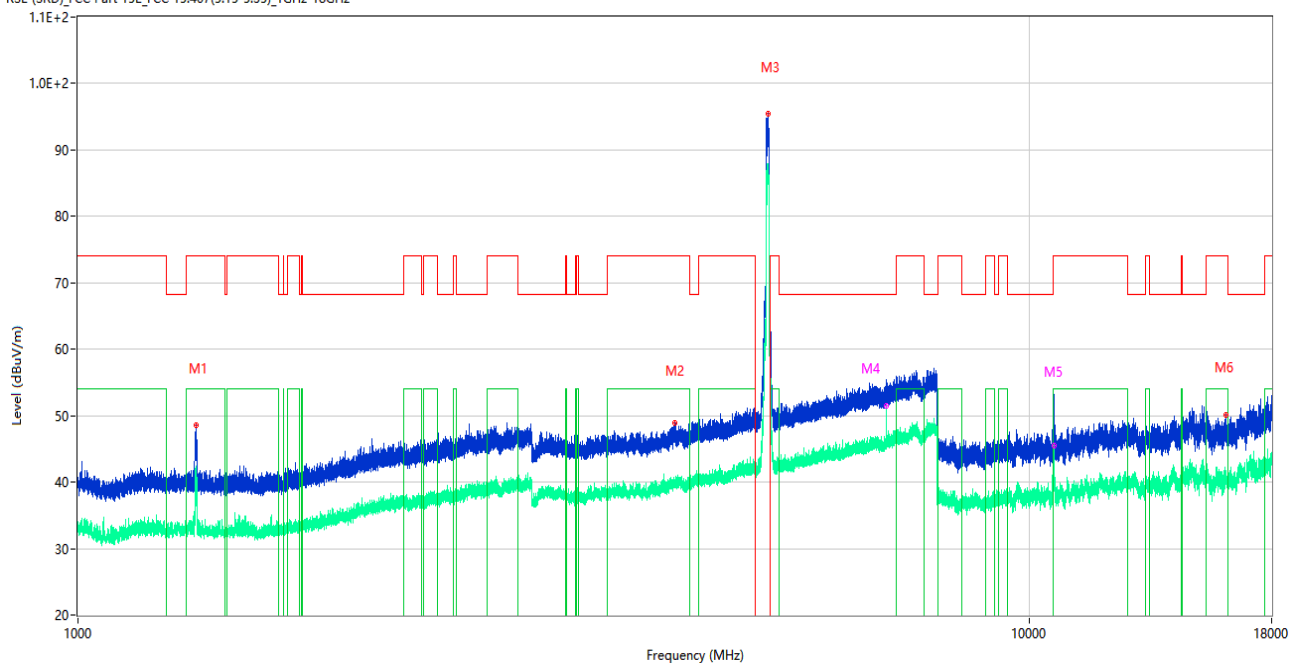
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.700	43.99	74.0	30.01	Peak	55.00	200	Horizontal	Pass
1**	1332.700	36.61	54.0	17.39	AV	55.00	200	Horizontal	Pass
2	4250.000	48.85	74.0	25.15	Peak	34.00	200	Horizontal	Pass
2**	4250.000	39.86	54.0	14.14	AV	34.00	200	Horizontal	Pass
3	5306.250	99.24	--	--	Peak	128.00	100	Horizontal	N/A
3**	5306.250	91.11	--	--	AV	128.00	100	Horizontal	N/A
4	7080.250	52.62	68.2	15.58	Peak	68.00	150	Horizontal	Pass
4**	7080.250	48.50	--	--	AV	68.00	150	Horizontal	N/A
5	10618.675	48.02	74.0	25.98	Peak	54.00	150	Horizontal	Pass
5**	10618.675	43.43	54.0	10.57	AV	54.00	150	Horizontal	Pass
6	15753.263	50.10	74.0	23.90	Peak	136.00	150	Horizontal	Pass
6**	15753.263	40.00	54.0	14.00	AV	136.00	150	Horizontal	Pass

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

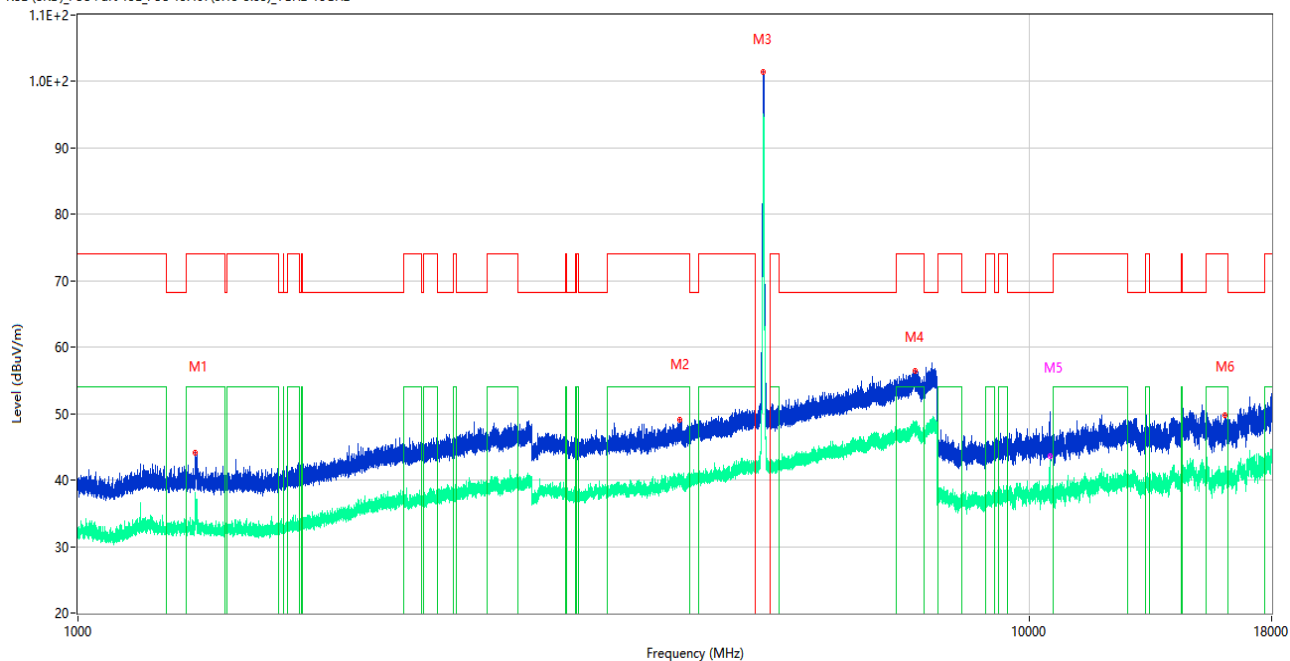
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.400	48.59	74.0	25.41	Peak	142.00	300	Vertical	Pass
1**	1332.400	40.36	54.0	13.64	AV	142.00	300	Vertical	Pass
2	4247.000	48.85	74.0	25.15	Peak	359.00	200	Vertical	Pass
2**	4247.000	40.00	54.0	14.00	AV	359.00	200	Vertical	Pass
3	5319.500	95.54	--	--	Peak	233.00	100	Vertical	N/A
3**	5319.500	85.87	--	--	AV	233.00	100	Vertical	N/A
4	7080.000	55.42	68.2	12.78	Peak	0.00	150	Vertical	Pass
4**	7080.000	51.48	--	--	AV	0.00	150	Vertical	N/A
5	10620.100	50.19	74.0	23.81	Peak	199.00	150	Vertical	Pass
5**	10620.100	45.52	54.0	8.48	AV	199.00	150	Vertical	Pass
6	16115.775	50.05	74.0	23.95	Peak	272.00	150	Vertical	Pass
6**	16115.775	41.43	54.0	12.57	AV	272.00	150	Vertical	Pass

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

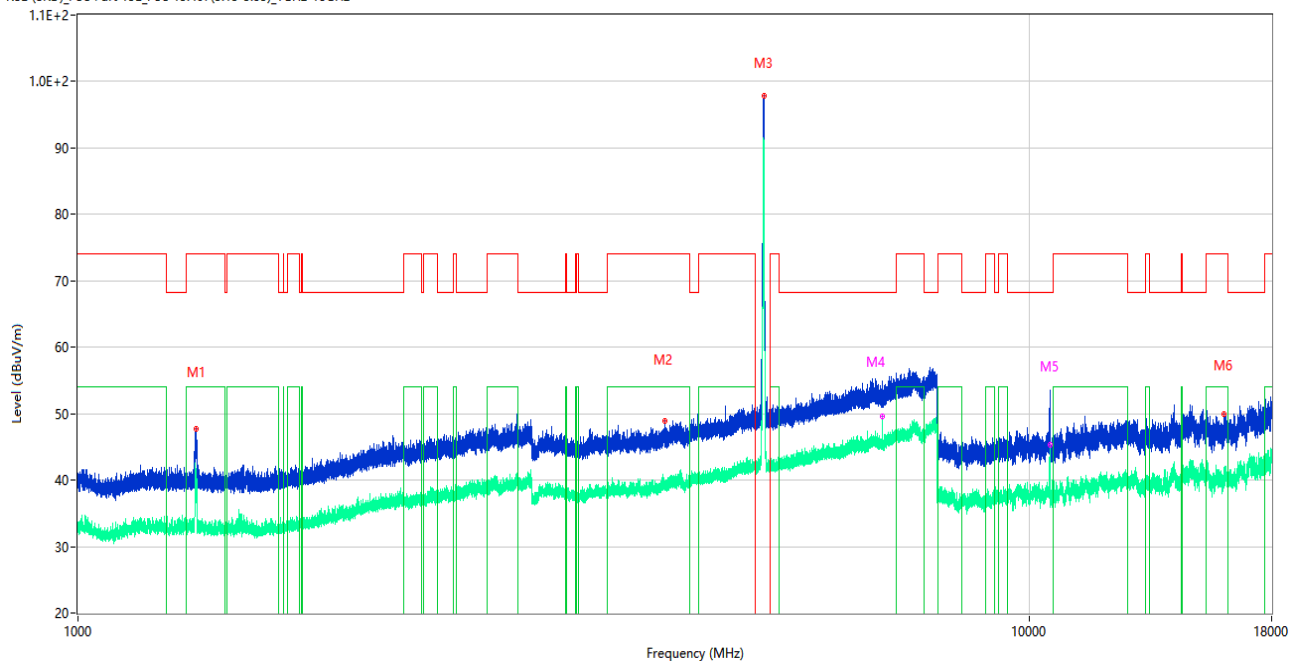
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.200	44.04	74.0	29.96	Peak	149.00	300	Horizontal	Pass
1**	1328.200	35.35	54.0	18.65	AV	149.00	300	Horizontal	Pass
2	4297.000	49.17	74.0	24.83	Peak	26.00	100	Horizontal	Pass
2**	4297.000	40.84	54.0	13.16	AV	26.00	100	Horizontal	Pass
3	5261.250	101.48	--	--	Peak	126.00	150	Horizontal	N/A
3**	5261.250	93.70	--	--	AV	126.00	150	Horizontal	N/A
4	7597.250	56.52	74.0	17.48	Peak	308.00	100	Horizontal	Pass
4**	7597.250	47.28	54.0	6.72	AV	308.00	100	Horizontal	Pass
5	10523.201	47.46	68.2	20.74	Peak	57.00	150	Horizontal	Pass
5**	10523.201	43.60	--	--	AV	57.00	150	Horizontal	N/A
6	16077.975	49.69	74.0	24.31	Peak	42.00	100	Horizontal	Pass
6**	16077.975	40.63	54.0	13.37	AV	42.00	100	Horizontal	Pass

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

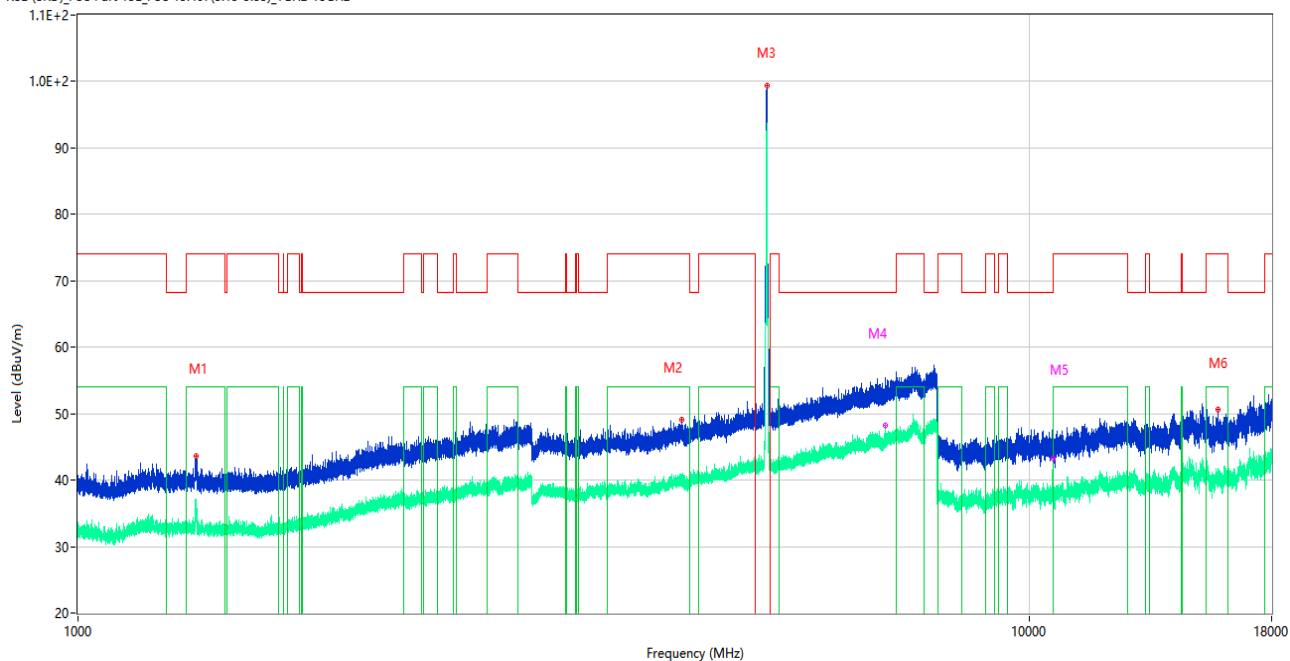
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.300	47.71	74.0	26.29	Peak	154.00	100	Vertical	Pass
1**	1330.300	39.39	54.0	14.61	AV	154.00	100	Vertical	Pass
2	4140.000	48.99	74.0	25.01	Peak	285.00	300	Vertical	Pass
2**	4140.000	39.34	54.0	14.66	AV	285.00	300	Vertical	Pass
3	5265.000	97.87	--	--	Peak	159.00	100	Vertical	N/A
3**	5265.000	90.57	--	--	AV	159.00	100	Vertical	N/A
4	7013.500	54.52	68.2	13.68	Peak	349.00	150	Vertical	Pass
4**	7013.500	49.59	--	--	AV	349.00	150	Vertical	N/A
5	10520.588	50.74	68.2	17.46	Peak	315.00	150	Vertical	Pass
5**	10520.588	45.28	--	--	AV	315.00	150	Vertical	N/A
6	16047.526	49.95	74.0	24.05	Peak	28.00	150	Vertical	Pass
6**	16047.526	41.39	54.0	12.61	AV	28.00	150	Vertical	Pass

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

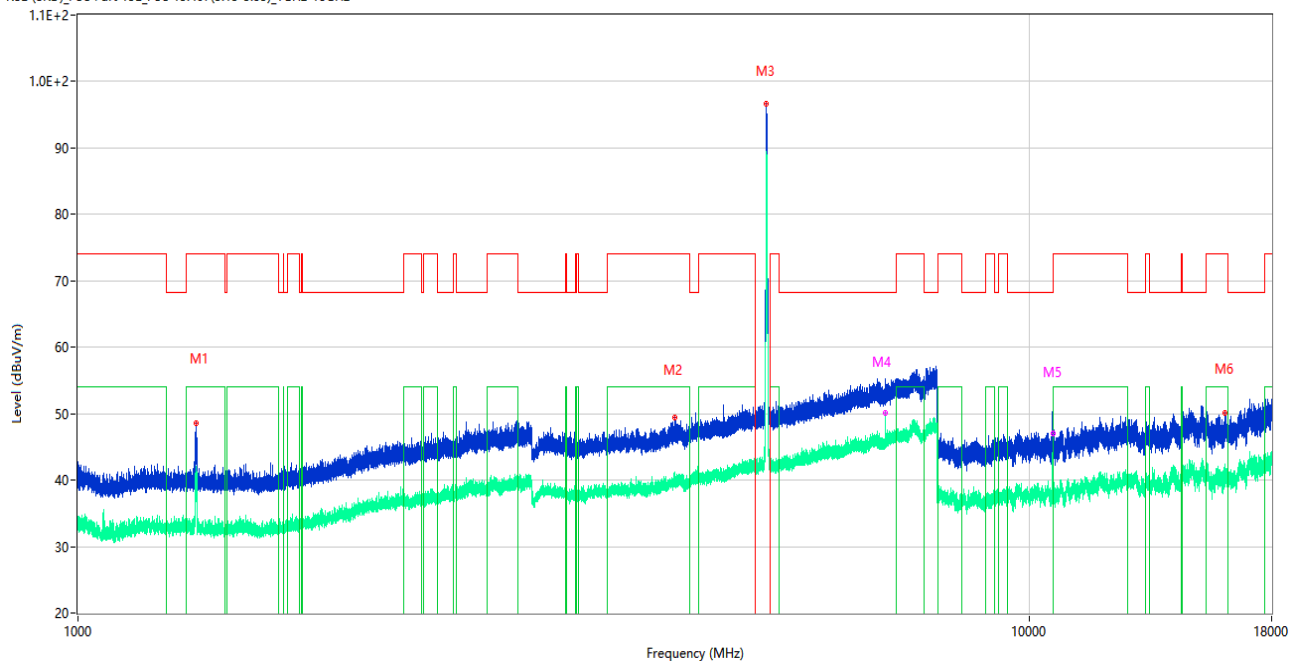
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.500	43.55	74.0	30.45	Peak	237.00	400	Horizontal	Pass
1**	1331.500	35.56	54.0	18.44	AV	237.00	400	Horizontal	Pass
2	4312.250	49.04	74.0	24.96	Peak	9.00	200	Horizontal	Pass
2**	4312.250	40.08	54.0	13.92	AV	9.00	200	Horizontal	Pass
3	5302.000	99.36	--	--	Peak	126.00	200	Horizontal	N/A
3**	5302.000	91.62	--	--	AV	126.00	200	Horizontal	N/A
4	7066.500	55.34	68.2	12.86	Peak	9.00	150	Horizontal	Pass
4**	7066.500	48.24	--	--	AV	9.00	150	Horizontal	N/A
5	10599.200	47.21	68.2	20.99	Peak	333.00	150	Horizontal	Pass
5**	10599.200	43.22	--	--	AV	333.00	150	Horizontal	N/A
6	15824.925	50.69	74.0	23.31	Peak	246.00	150	Horizontal	Pass
6**	15824.925	40.17	54.0	13.83	AV	246.00	150	Horizontal	Pass

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

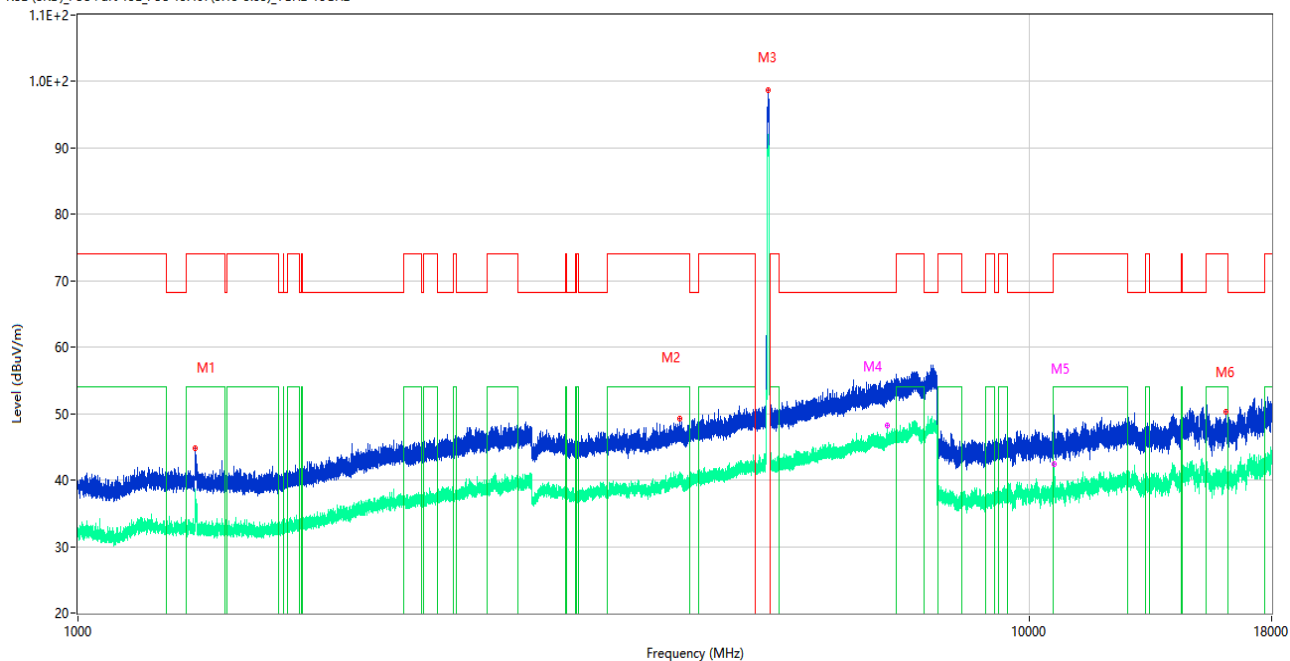
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	48.57	74.0	25.43	Peak	167.00	300	Vertical	Pass
1**	1331.600	38.78	54.0	15.22	AV	167.00	300	Vertical	Pass
2	4241.500	49.35	74.0	24.65	Peak	352.00	300	Vertical	Pass
2**	4241.500	39.53	54.0	14.47	AV	352.00	300	Vertical	Pass
3	5298.000	96.64	--	--	Peak	153.00	100	Vertical	N/A
3**	5298.000	89.53	--	--	AV	153.00	100	Vertical	N/A
4	7067.000	54.90	68.2	13.30	Peak	360.00	150	Vertical	Pass
4**	7067.000	50.10	--	--	AV	360.00	150	Vertical	N/A
5	10599.912	51.37	68.2	16.83	Peak	326.00	150	Vertical	Pass
5**	10599.912	46.97	--	--	AV	326.00	150	Vertical	N/A
6	16090.050	50.20	74.0	23.80	Peak	279.00	300	Vertical	Pass
6**	16090.050	41.27	54.0	12.73	AV	279.00	300	Vertical	Pass

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

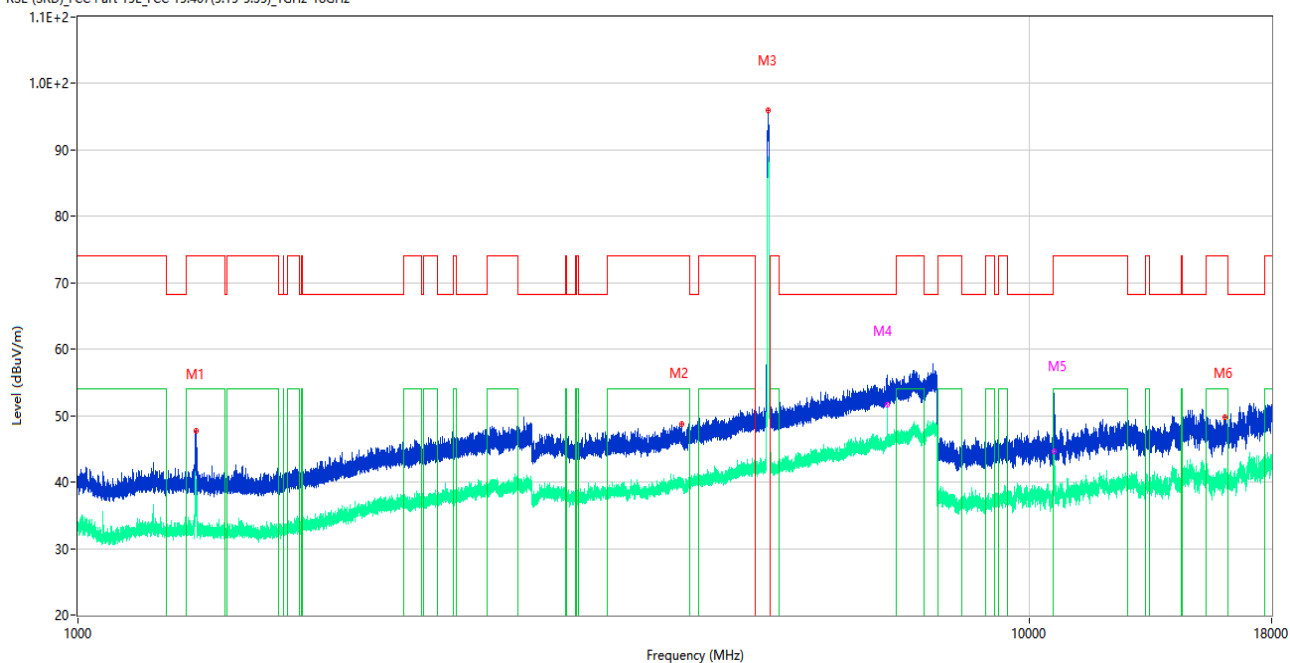
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.600	44.84	74.0	29.16	Peak	239.00	400	Horizontal	Pass
1**	1328.600	35.90	54.0	18.10	AV	239.00	400	Horizontal	Pass
2	4290.750	49.20	74.0	24.80	Peak	359.00	400	Horizontal	Pass
2**	4290.750	39.59	54.0	14.41	AV	359.00	400	Horizontal	Pass
3	5320.500	98.64	--	--	Peak	122.00	150	Horizontal	N/A
3**	5320.500	90.74	--	--	AV	122.00	150	Horizontal	N/A
4	7093.250	54.09	68.2	14.11	Peak	225.00	150	Horizontal	Pass
4**	7093.250	48.26	--	--	AV	225.00	150	Horizontal	N/A
5	10639.575	46.28	74.0	27.72	Peak	49.00	150	Horizontal	Pass
5**	10639.575	42.45	54.0	11.55	AV	49.00	150	Horizontal	Pass
6	16120.237	50.23	74.0	23.77	Peak	4.00	300	Horizontal	Pass
6**	16120.237	40.41	54.0	13.59	AV	4.00	300	Horizontal	Pass

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

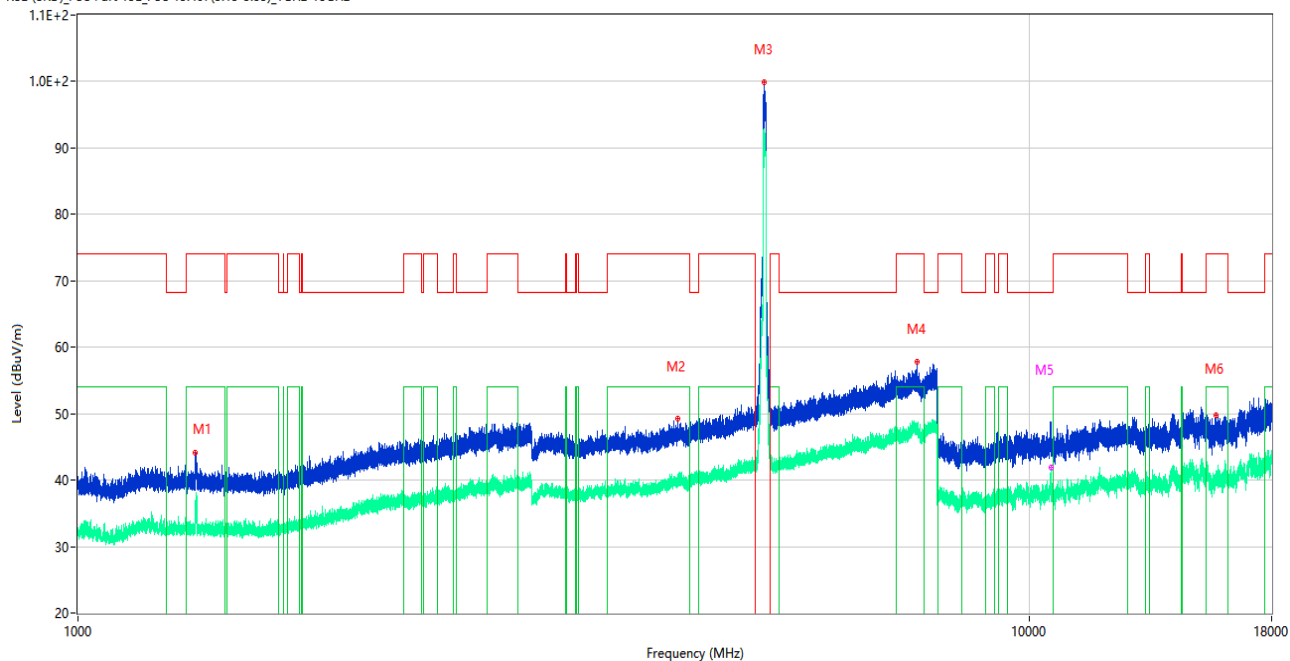
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.900	47.78	74.0	26.22	Peak	153.00	400	Vertical	Pass
1**	1330.900	36.21	54.0	17.79	AV	153.00	400	Vertical	Pass
2	4318.000	48.79	74.0	25.21	Peak	289.00	400	Vertical	Pass
2**	4318.000	40.14	54.0	13.86	AV	289.00	400	Vertical	Pass
3	5321.250	96.00	--	--	Peak	232.00	200	Vertical	N/A
3**	5321.250	87.75	--	--	AV	232.00	200	Vertical	N/A
4	7093.500	56.15	68.2	12.05	Peak	3.00	150	Vertical	Pass
4**	7093.500	51.60	--	--	AV	3.00	150	Vertical	N/A
5	10637.674	51.06	74.0	22.94	Peak	191.00	150	Vertical	Pass
5**	10637.674	44.58	54.0	9.42	AV	191.00	150	Vertical	Pass
6	16081.388	49.75	74.0	24.25	Peak	349.00	100	Vertical	Pass
6**	16081.388	40.57	54.0	13.43	AV	349.00	100	Vertical	Pass

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

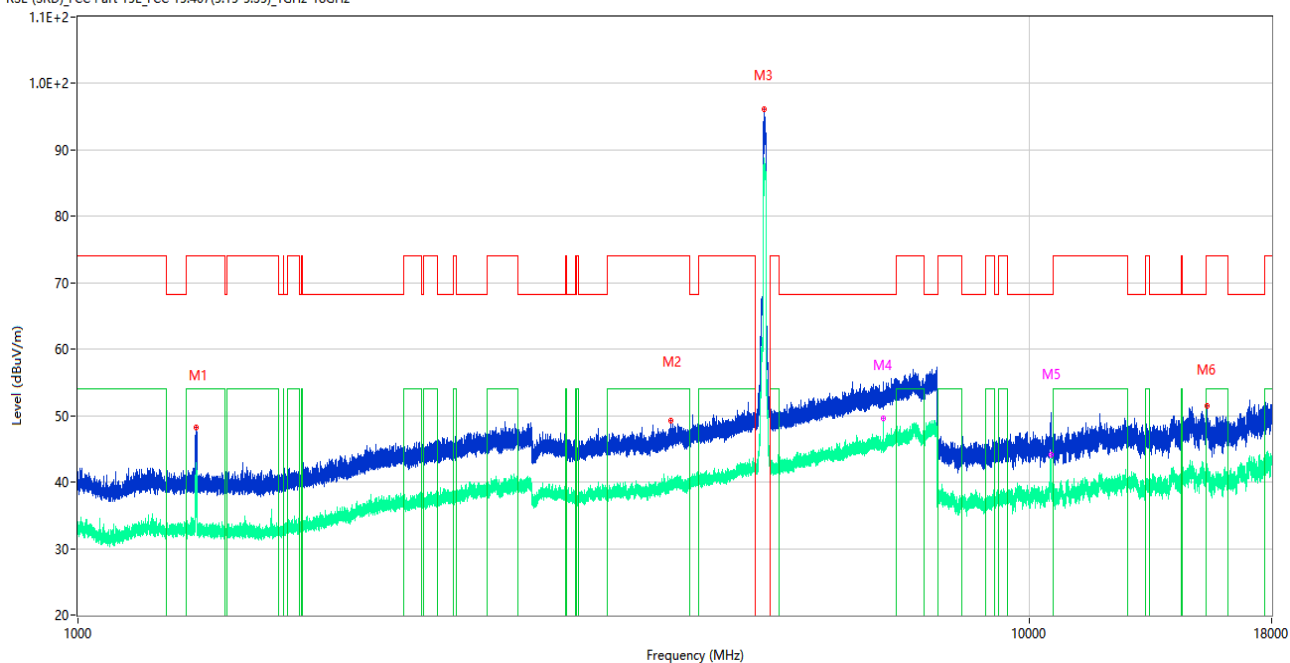
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.500	44.15	74.0	29.85	Peak	236.00	200	Horizontal	Pass
1**	1329.500	34.79	54.0	19.21	AV	236.00	200	Horizontal	Pass
2	4272.250	49.30	74.0	24.70	Peak	57.00	400	Horizontal	Pass
2**	4272.250	38.95	54.0	15.05	AV	57.00	400	Horizontal	Pass
3	5272.500	99.88	--	--	Peak	121.00	100	Horizontal	N/A
3**	5272.500	92.19	--	--	AV	121.00	100	Horizontal	N/A
4	7624.750	57.76	74.0	16.24	Peak	358.00	150	Horizontal	Pass
4**	7624.750	47.34	54.0	6.66	AV	358.00	150	Horizontal	Pass
5	10547.900	46.50	68.2	21.70	Peak	304.00	150	Horizontal	Pass
5**	10547.900	41.98	--	--	AV	304.00	150	Horizontal	N/A
6	15731.738	49.85	74.0	24.15	Peak	230.00	150	Horizontal	Pass
6**	15731.738	39.89	54.0	14.11	AV	230.00	150	Horizontal	Pass

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

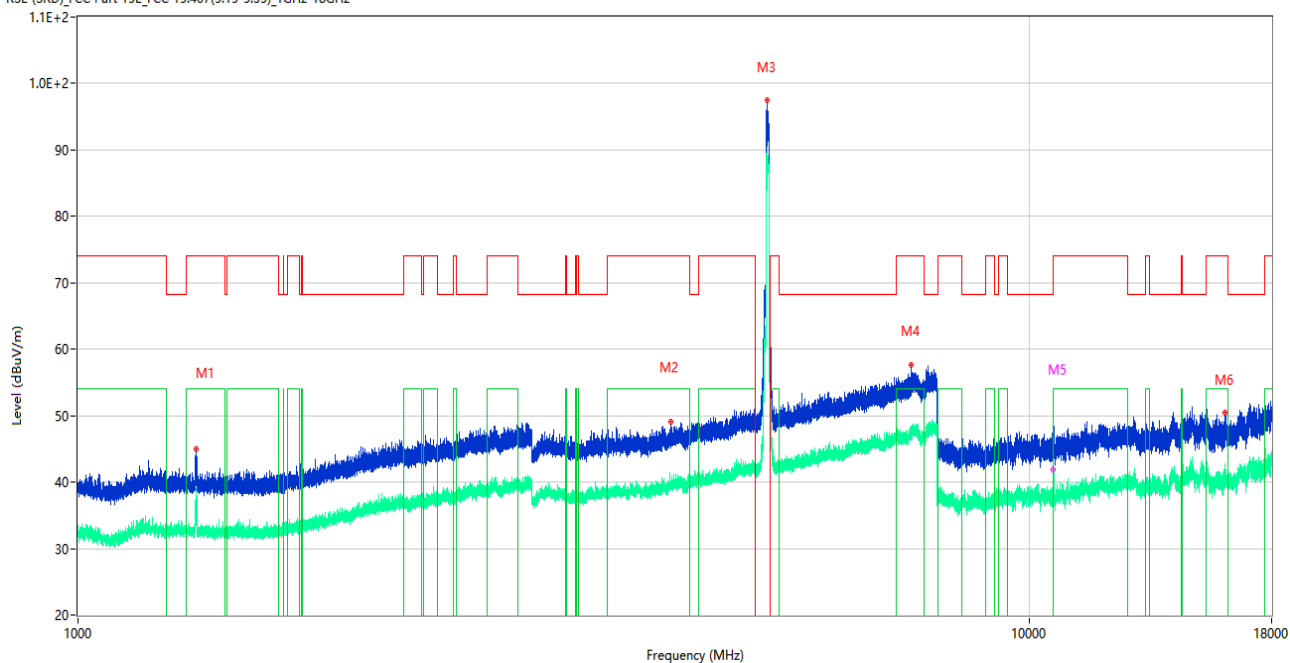
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.600	48.29	74.0	25.71	Peak	151.00	100	Vertical	Pass
1**	1332.600	34.79	54.0	19.21	AV	151.00	100	Vertical	Pass
2	4206.250	49.27	74.0	24.73	Peak	298.00	200	Vertical	Pass
2**	4206.250	39.19	54.0	14.81	AV	298.00	200	Vertical	Pass
3	5266.000	96.22	--	--	Peak	161.00	100	Vertical	N/A
3**	5266.000	88.72	--	--	AV	161.00	100	Vertical	N/A
4	7026.750	53.50	68.2	14.70	Peak	200.00	150	Vertical	Pass
4**	7026.750	49.53	--	--	AV	200.00	150	Vertical	N/A
5	10552.651	49.43	68.2	18.77	Peak	186.00	150	Vertical	Pass
5**	10552.651	44.11	--	--	AV	186.00	150	Vertical	N/A
6	15378.150	51.41	74.0	22.59	Peak	0.00	150	Vertical	Pass
6**	15378.150	41.44	54.0	12.56	AV	0.00	150	Vertical	Pass

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

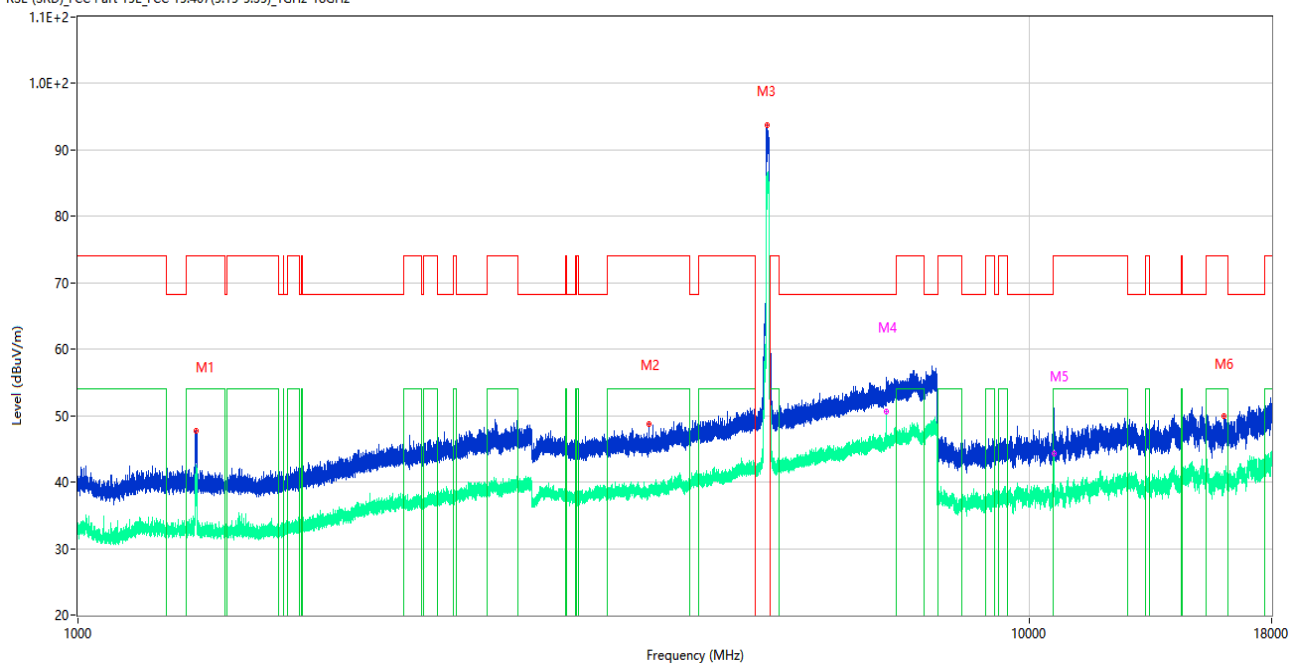
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.000	45.04	74.0	28.96	Peak	151.00	400	Horizontal	Pass
1**	1332.000	35.98	54.0	18.02	AV	151.00	400	Horizontal	Pass
2	4205.000	49.15	74.0	24.85	Peak	26.00	100	Horizontal	Pass
2**	4205.000	39.53	54.0	14.47	AV	26.00	100	Horizontal	Pass
3	5308.250	97.44	--	--	Peak	128.00	150	Horizontal	Pass
3**	5308.250	89.79	--	--	AV	128.00	150	Horizontal	N/A
4	7527.750	57.70	74.0	16.30	Peak	89.00	200	Horizontal	Pass
4**	7527.750	47.27	54.0	6.73	AV	89.00	200	Horizontal	Pass
5	10612.025	46.46	74.0	27.54	Peak	57.00	150	Horizontal	Pass
5**	10612.025	41.87	54.0	12.13	AV	57.00	150	Horizontal	Pass
6	16095.300	50.44	74.0	23.56	Peak	345.00	100	Horizontal	Pass
6**	16095.300	40.59	54.0	13.41	AV	345.00	100	Horizontal	Pass

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

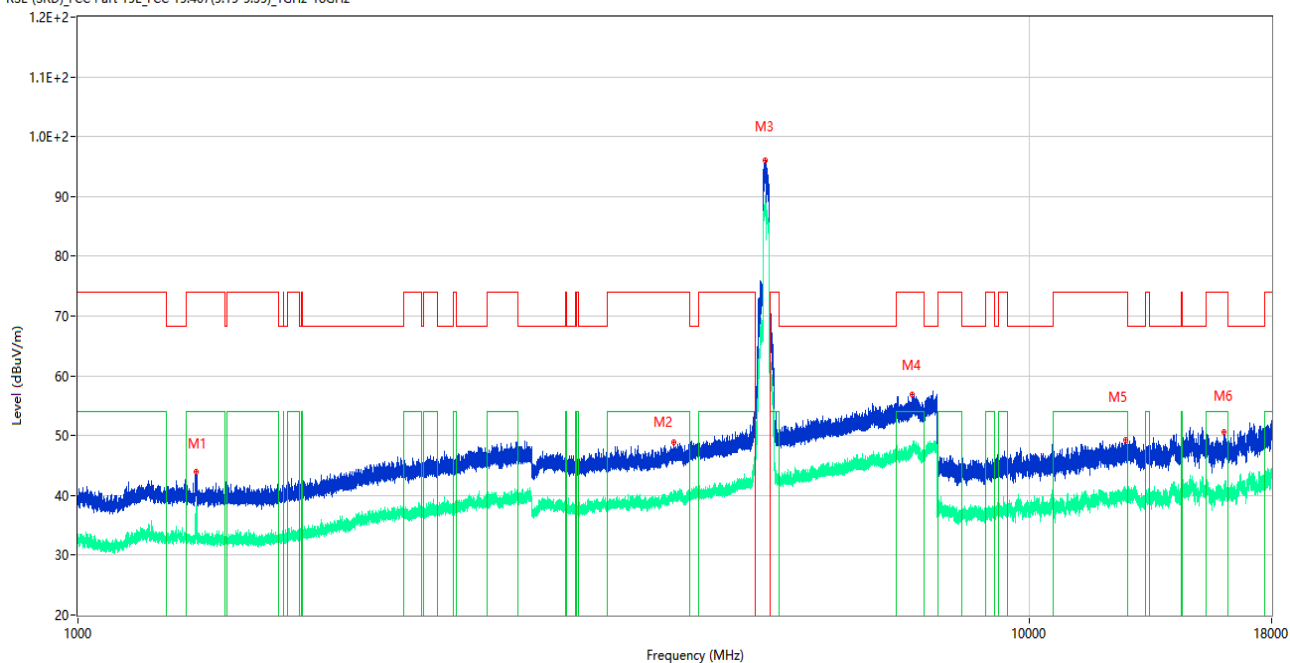
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.600	47.68	74.0	26.32	Peak	151.00	400	Vertical	Pass
1**	1331.600	36.45	54.0	17.55	AV	151.00	400	Vertical	Pass
2	3983.250	48.73	74.0	25.27	Peak	0.00	150	Vertical	Pass
2**	3983.250	38.15	54.0	15.85	AV	0.00	150	Vertical	Pass
3	5299.750	93.80	--	--	Peak	160.00	100	Vertical	N/A
3**	5299.750	85.08	--	--	AV	160.00	100	Vertical	N/A
4	7080.250	54.59	68.2	13.61	Peak	358.00	150	Vertical	Pass
4**	7080.250	50.63	--	--	AV	358.00	150	Vertical	N/A
5	10619.862	51.10	74.0	22.90	Peak	245.00	150	Vertical	Pass
5**	10619.862	44.25	54.0	9.75	AV	245.00	150	Vertical	Pass
6	16053.300	49.93	74.0	24.07	Peak	0.00	200	Vertical	Pass
6**	16053.300	40.89	54.0	13.11	AV	0.00	200	Vertical	Pass

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

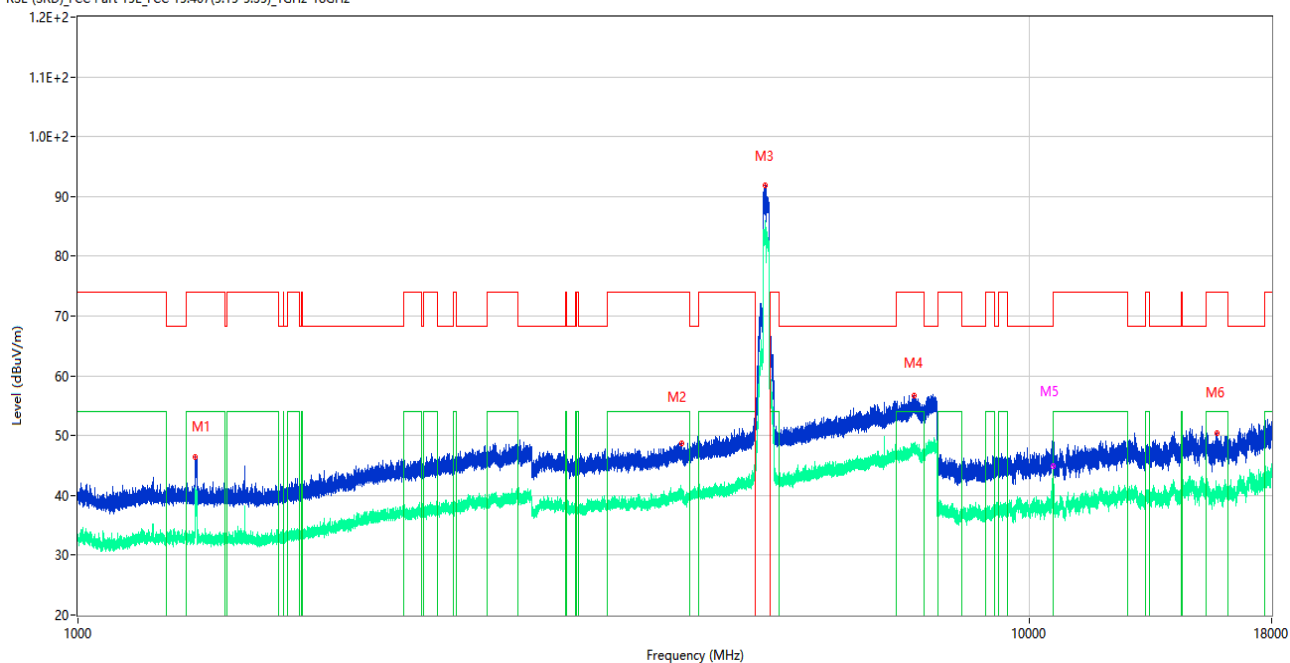
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.200	43.90	74.0	30.10	Peak	45.00	100	Horizontal	Pass
1**	1331.200	35.18	54.0	18.82	AV	45.00	100	Horizontal	Pass
2	4232.750	48.85	74.0	25.15	Peak	346.00	200	Horizontal	Pass
2**	4232.750	39.38	54.0	14.62	AV	346.00	200	Horizontal	Pass
3	5279.250	96.08	--	--	Peak	119.00	100	Horizontal	N/A
3**	5279.250	89.75	--	--	AV	119.00	100	Horizontal	N/A
4	7541.750	56.87	74.0	17.13	Peak	78.00	200	Horizontal	Pass
4**	7541.750	46.96	54.0	7.04	AV	78.00	200	Horizontal	Pass
5	12631.963	49.20	74.0	24.80	Peak	359.00	200	Horizontal	Pass
5**	12631.963	40.35	54.0	13.65	AV	359.00	200	Horizontal	Pass
6	16055.137	50.67	74.0	23.33	Peak	23.00	400	Horizontal	Pass
6**	16055.137	40.42	54.0	13.58	AV	23.00	400	Horizontal	Pass

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

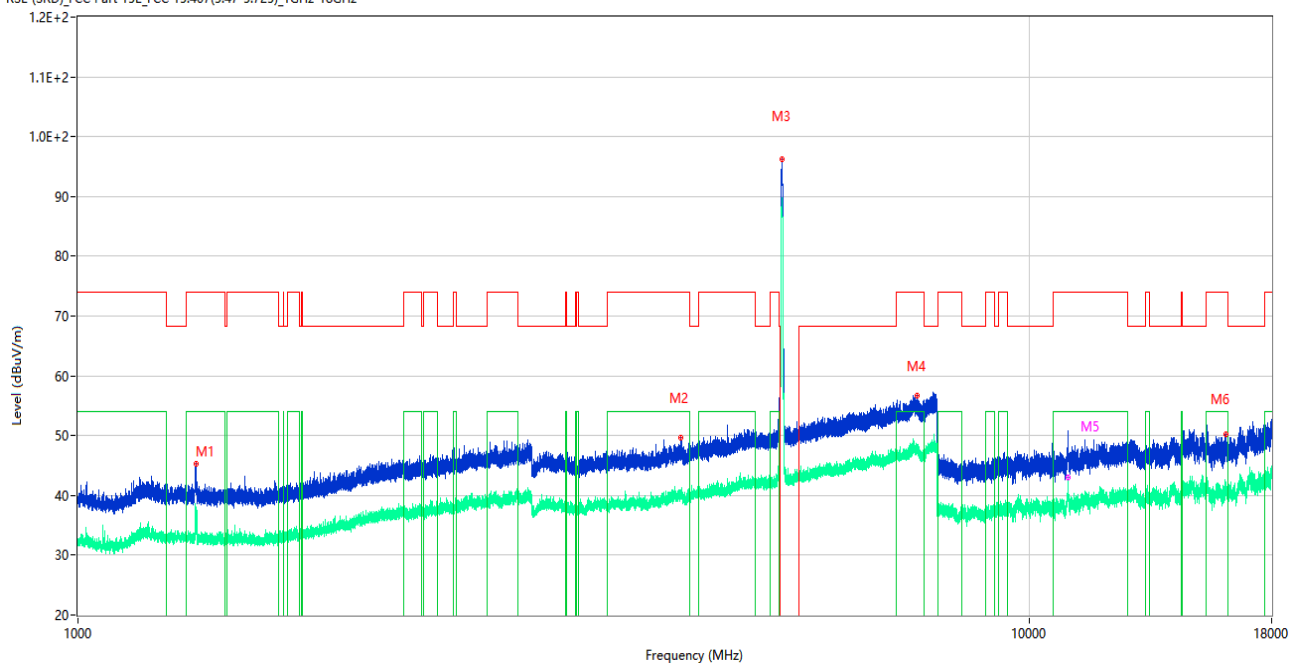
RSE (SRD)_FCC Part 15E_FCC 15.407(5.15-5.35)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	46.49	74.0	27.51	Peak	148.00	100	Vertical	Pass
1**	1329.600	36.89	54.0	17.11	AV	148.00	100	Vertical	Pass
2	4311.000	48.75	74.0	25.25	Peak	192.00	300	Vertical	Pass
2**	4311.000	40.32	54.0	13.68	AV	192.00	300	Vertical	Pass
3	5283.000	91.78	--	--	Peak	161.00	200	Vertical	N/A
3**	5283.000	85.31	--	--	AV	161.00	200	Vertical	N/A
4	7574.000	56.69	74.0	17.31	Peak	0.00	200	Vertical	Pass
4**	7574.000	47.92	54.0	6.08	AV	0.00	200	Vertical	Pass
5	10594.213	48.07	68.2	20.13	Peak	204.00	100	Vertical	Pass
5**	10594.213	44.82	--	--	AV	204.00	100	Vertical	N/A
6	15753.263	50.37	74.0	23.63	Peak	71.00	100	Vertical	Pass
6**	15753.263	40.68	54.0	13.32	AV	71.00	100	Vertical	Pass

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

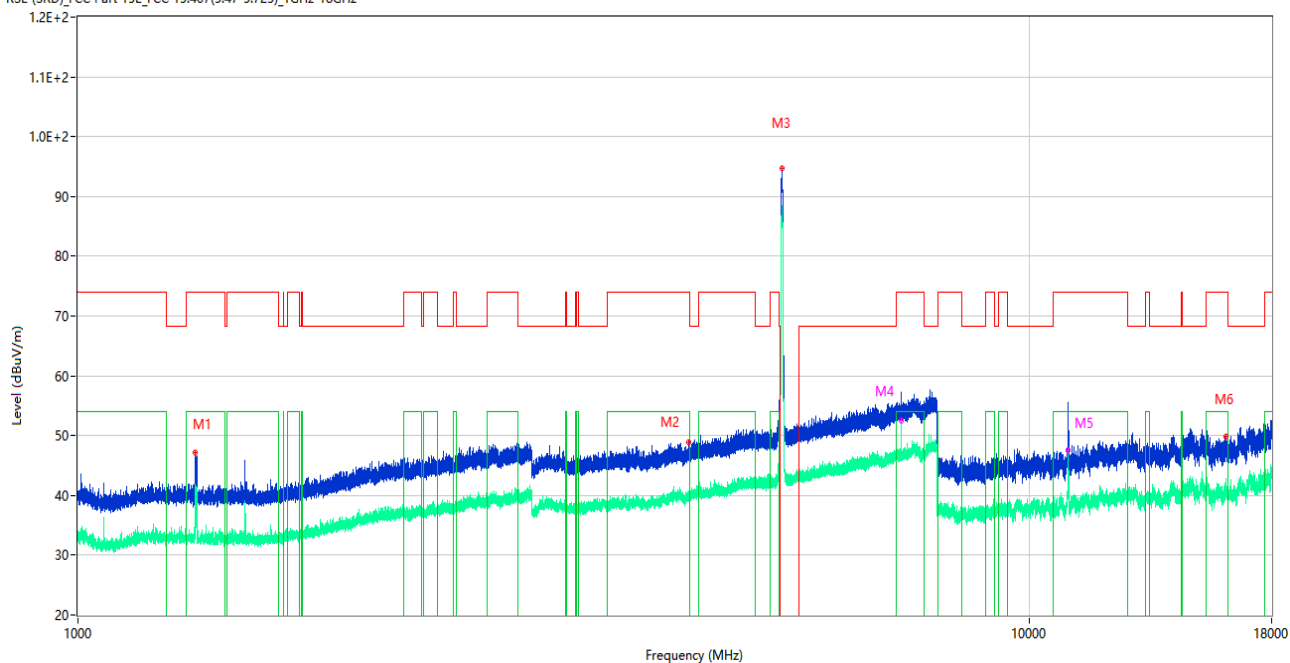
RSE (SRD)_FCC Part 15E_FCC 15.407(5,47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	45.28	74.0	28.72	Peak	50.00	100	Horizontal	Pass
1**	1330.000	35.23	54.0	18.77	AV	50.00	100	Horizontal	Pass
2	4299.500	49.75	74.0	24.25	Peak	256.00	300	Horizontal	Pass
2**	4299.500	40.88	54.0	13.12	AV	256.00	300	Horizontal	Pass
3	5501.500	96.24	--	--	Peak	142.00	200	Horizontal	N/A
3**	5501.500	88.83	--	--	AV	142.00	200	Horizontal	N/A
4	7620.750	56.71	74.0	17.29	Peak	3.00	100	Horizontal	Pass
4**	7620.750	47.38	54.0	6.62	AV	3.00	100	Horizontal	Pass
5	10994.162	47.75	74.0	26.25	Peak	173.00	100	Horizontal	Pass
5**	10994.162	43.05	54.0	10.95	AV	173.00	100	Horizontal	Pass
6	16097.662	50.21	74.0	23.79	Peak	290.00	300	Horizontal	Pass
6**	16097.662	41.74	54.0	12.26	AV	290.00	300	Horizontal	Pass

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

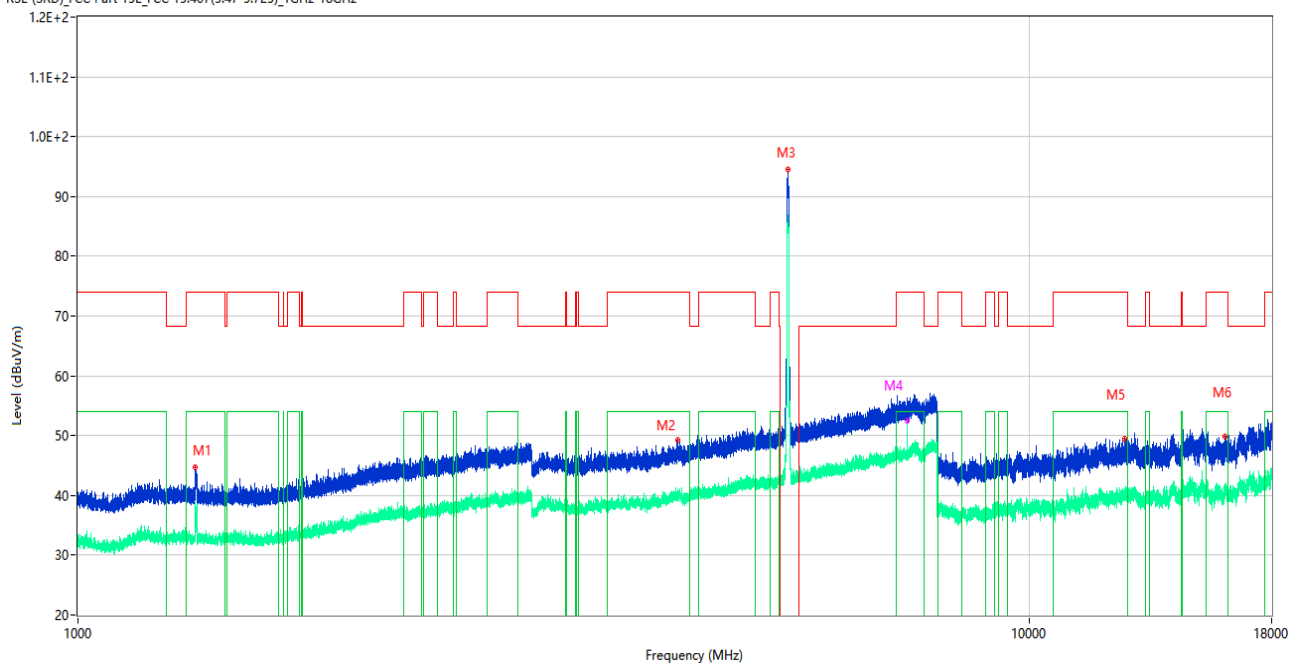
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.900	47.11	74.0	26.89	Peak	153.00	200	Vertical	Pass
1**	1328.900	39.94	54.0	14.06	AV	153.00	200	Vertical	Pass
2	4384.750	48.96	74.0	25.04	Peak	10.00	300	Vertical	Pass
2**	4384.750	39.93	54.0	14.07	AV	10.00	300	Vertical	Pass
3	5497.000	94.70	--	--	Peak	242.00	200	Vertical	N/A
3**	5497.000	87.45	--	--	AV	242.00	200	Vertical	N/A
4	7333.500	56.22	74.0	17.78	Peak	349.00	100	Vertical	Pass
4**	7333.500	52.54	54.0	1.46	AV	349.00	100	Vertical	Pass
5	10997.724	51.83	74.0	22.17	Peak	157.00	100	Vertical	Pass
5**	10997.724	47.65	54.0	6.35	AV	157.00	100	Vertical	Pass
6	16113.675	49.93	74.0	24.07	Peak	55.00	100	Vertical	Pass
6**	16113.675	40.92	54.0	13.08	AV	55.00	100	Vertical	Pass

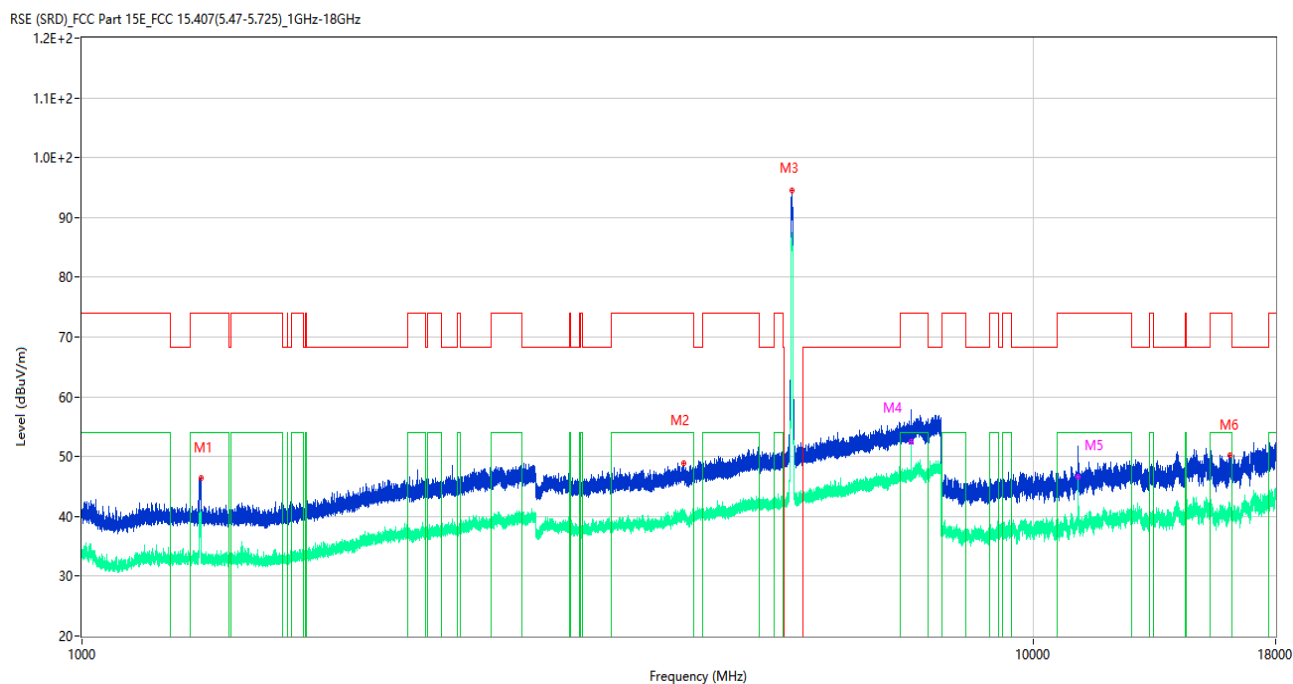
11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

RSE (SRD)_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	1327.800	44.67	74.0	29.33	Peak	133.00	100	Horizontal	Pass
1**	1327.800	35.89	54.0	18.11	AV	133.00	100	Horizontal	Pass
2	4278.000	49.21	74.0	24.79	Peak	135.00	200	Horizontal	Pass
2**	4278.000	39.81	54.0	14.19	AV	135.00	200	Horizontal	Pass
3	5579.000	94.56	--	--	Peak	94.00	200	Horizontal	N/A
3**	5579.000	86.59	--	--	AV	94.00	200	Horizontal	N/A
4	7440.000	55.93	74.0	18.07	Peak	279.00	100	Horizontal	Pass
4**	7440.000	52.55	54.0	1.45	AV	279.00	100	Horizontal	Pass
5	12603.225	49.52	74.0	24.48	Peak	117.00	100	Horizontal	Pass
5**	12603.225	39.92	54.0	14.08	AV	117.00	100	Horizontal	Pass
6	16088.738	49.86	74.0	24.14	Peak	313.00	200	Horizontal	Pass
6**	16088.738	41.19	54.0	12.81	AV	313.00	200	Horizontal	Pass

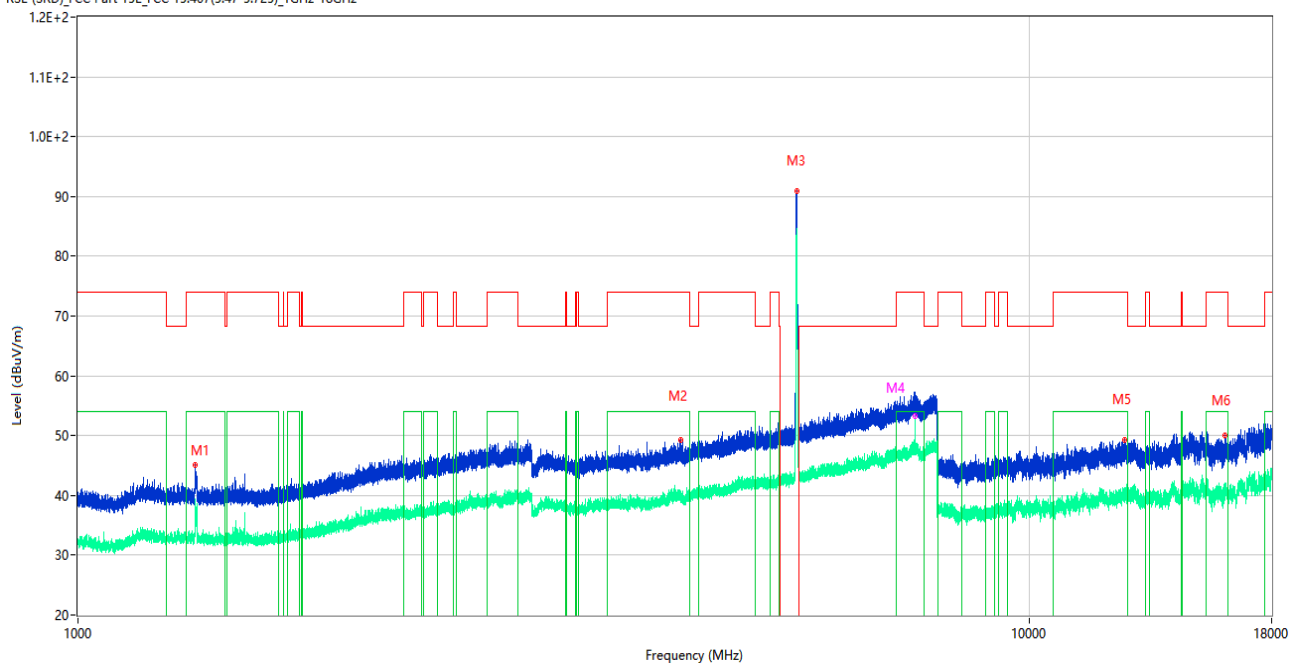
11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1333.400	46.49	74.0	27.51	Peak	148.00	200	Vertical	Pass
1**	1333.400	39.90	54.0	14.10	AV	148.00	200	Vertical	Pass
2	4290.500	48.99	74.0	25.01	Peak	171.00	300	Vertical	Pass
2**	4290.500	40.12	54.0	13.88	AV	171.00	300	Vertical	Pass
3	5578.500	94.58	--	--	Peak	236.00	100	Vertical	N/A
3**	5578.500	86.77	--	--	AV	236.00	100	Vertical	N/A
4	7440.000	57.90	74.0	16.10	Peak	360.00	100	Vertical	Pass
4**	7440.000	52.64	54.0	1.36	AV	360.00	100	Vertical	Pass
5	11158.988	49.69	74.0	24.31	Peak	0.00	100	Vertical	Pass
5**	11158.988	46.67	54.0	7.33	AV	0.00	100	Vertical	Pass
6	16131.526	50.27	74.0	23.73	Peak	360.00	200	Vertical	Pass
6**	16131.526	40.49	54.0	13.51	AV	360.00	200	Vertical	Pass

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

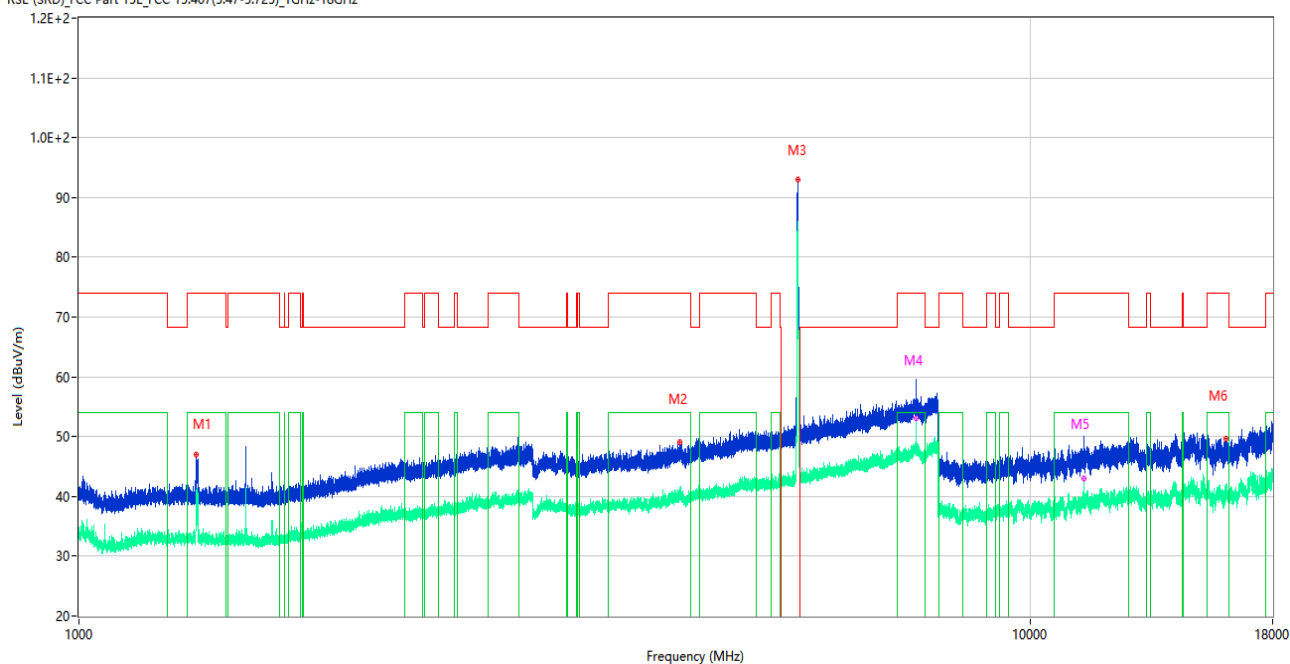
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.000	45.16	74.0	28.84	Peak	348.00	300	Horizontal	Pass
1**	1328.000	36.03	54.0	17.97	AV	348.00	300	Horizontal	Pass
2	4302.500	49.19	74.0	24.81	Peak	111.00	200	Horizontal	Pass
2**	4302.500	40.29	54.0	13.71	AV	111.00	200	Horizontal	Pass
3	5699.000	90.97	--	--	Peak	144.00	150	Horizontal	N/A
3**	5699.000	84.25	--	--	AV	144.00	150	Horizontal	N/A
4	7600.000	56.43	74.0	17.57	Peak	72.00	100	Horizontal	Pass
4**	7600.000	53.22	54.0	0.78	AV	72.00	100	Horizontal	Pass
5	12596.575	49.22	74.0	24.78	Peak	291.00	100	Horizontal	Pass
5**	12596.575	39.91	54.0	14.09	AV	291.00	100	Horizontal	Pass
6	16058.025	50.04	74.0	23.96	Peak	137.00	200	Horizontal	Pass
6**	16058.025	40.49	54.0	13.51	AV	137.00	200	Horizontal	Pass

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

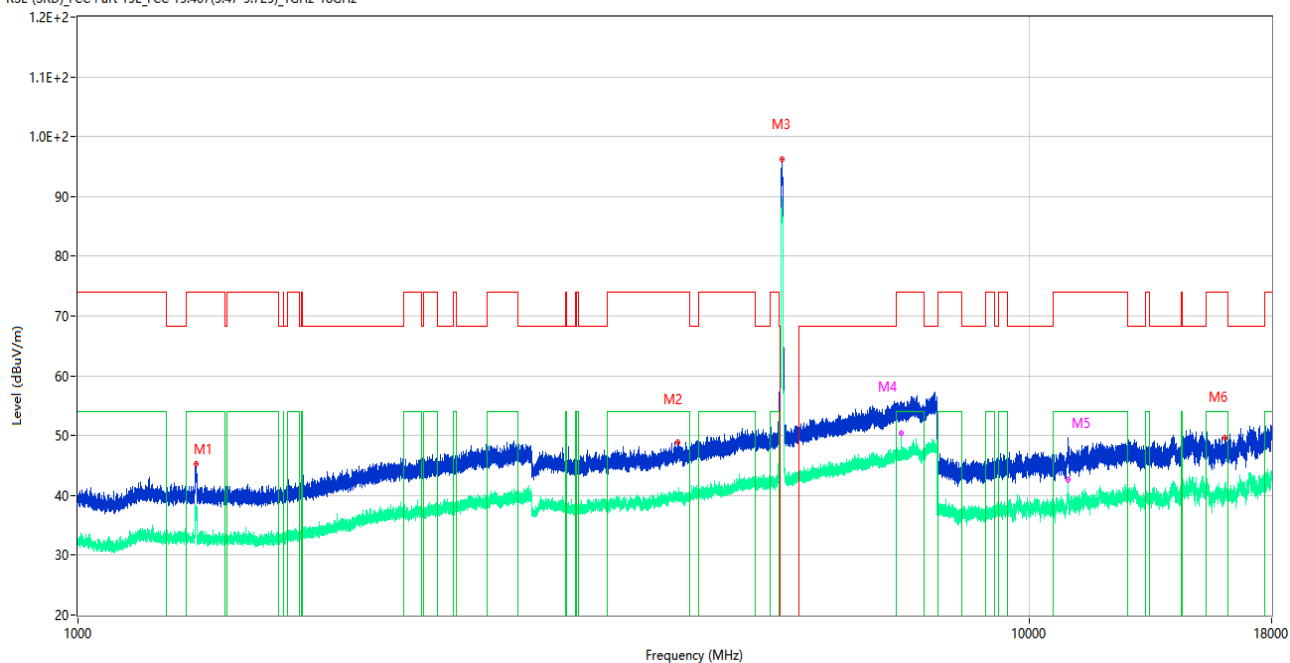
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.400	46.93	74.0	27.07	Peak	140.00	100	Vertical	Pass
1**	1329.400	35.13	54.0	18.87	AV	140.00	100	Vertical	Pass
2	4280.250	49.06	74.0	24.94	Peak	358.00	400	Vertical	Pass
2**	4280.250	39.74	54.0	14.26	AV	358.00	400	Vertical	Pass
3	5701.250	92.98	--	--	Peak	254.00	200	Vertical	N/A
3**	5701.250	85.09	--	--	AV	254.00	200	Vertical	N/A
4	7600.250	59.01	74.0	14.99	Peak	360.00	100	Vertical	Pass
4**	7600.250	52.63	54.0	1.37	AV	360.00	100	Vertical	Pass
5	11400.050	47.12	74.0	26.88	Peak	122.00	100	Vertical	Pass
5**	11400.050	43.01	54.0	10.99	AV	122.00	100	Vertical	Pass
6	16076.401	49.74	74.0	24.26	Peak	359.00	400	Vertical	Pass
6**	16076.401	40.25	54.0	13.75	AV	359.00	400	Vertical	Pass

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

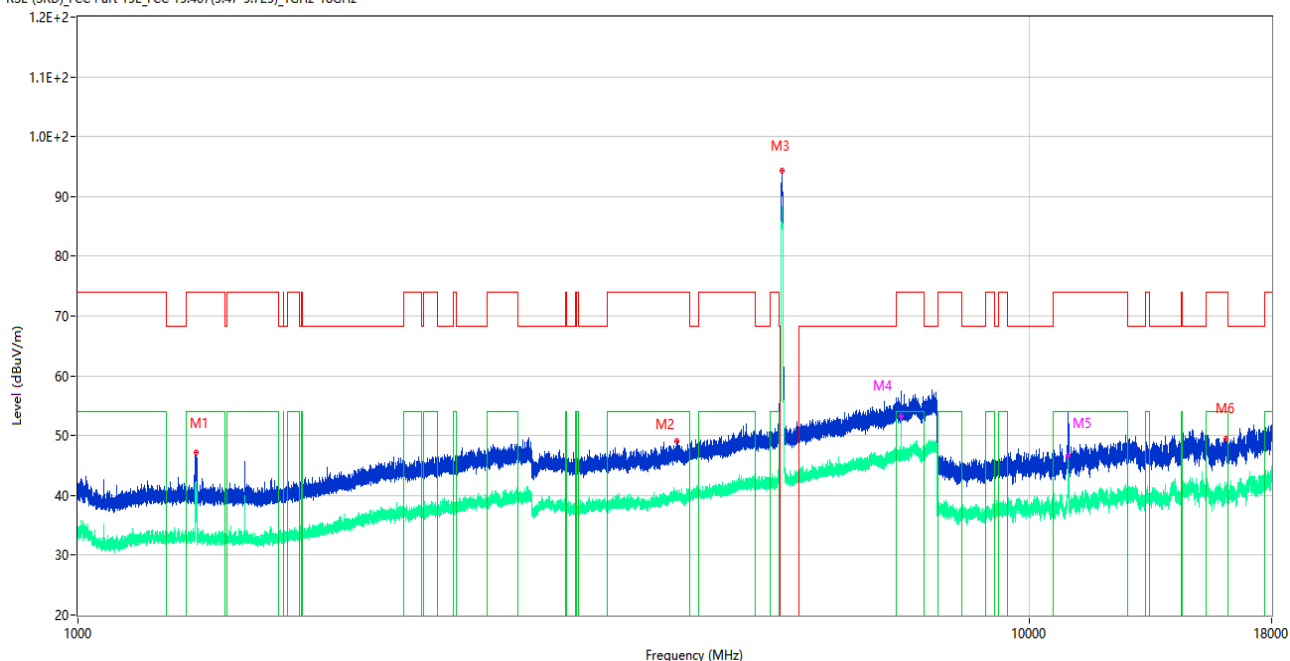
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.000	45.21	74.0	28.79	Peak	357.00	100	Horizontal	Pass
1**	1331.000	36.83	54.0	17.17	AV	357.00	100	Horizontal	Pass
2	4269.000	48.91	74.0	25.09	Peak	360.00	200	Horizontal	Pass
2**	4269.000	40.14	54.0	13.86	AV	360.00	200	Horizontal	Pass
3	5504.000	96.19	--	--	Peak	134.00	150	Horizontal	N/A
3**	5504.000	87.18	--	--	AV	134.00	150	Horizontal	N/A
4	7333.500	55.29	74.0	18.71	Peak	230.00	100	Horizontal	Pass
4**	7333.500	50.49	54.0	3.51	AV	230.00	100	Horizontal	Pass
5	10999.388	48.16	74.0	25.84	Peak	170.00	100	Horizontal	Pass
5**	10999.388	42.64	54.0	11.36	AV	170.00	100	Horizontal	Pass
6	16076.925	49.71	74.0	24.29	Peak	317.00	200	Horizontal	Pass
6**	16076.925	40.10	54.0	13.90	AV	317.00	200	Horizontal	Pass

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

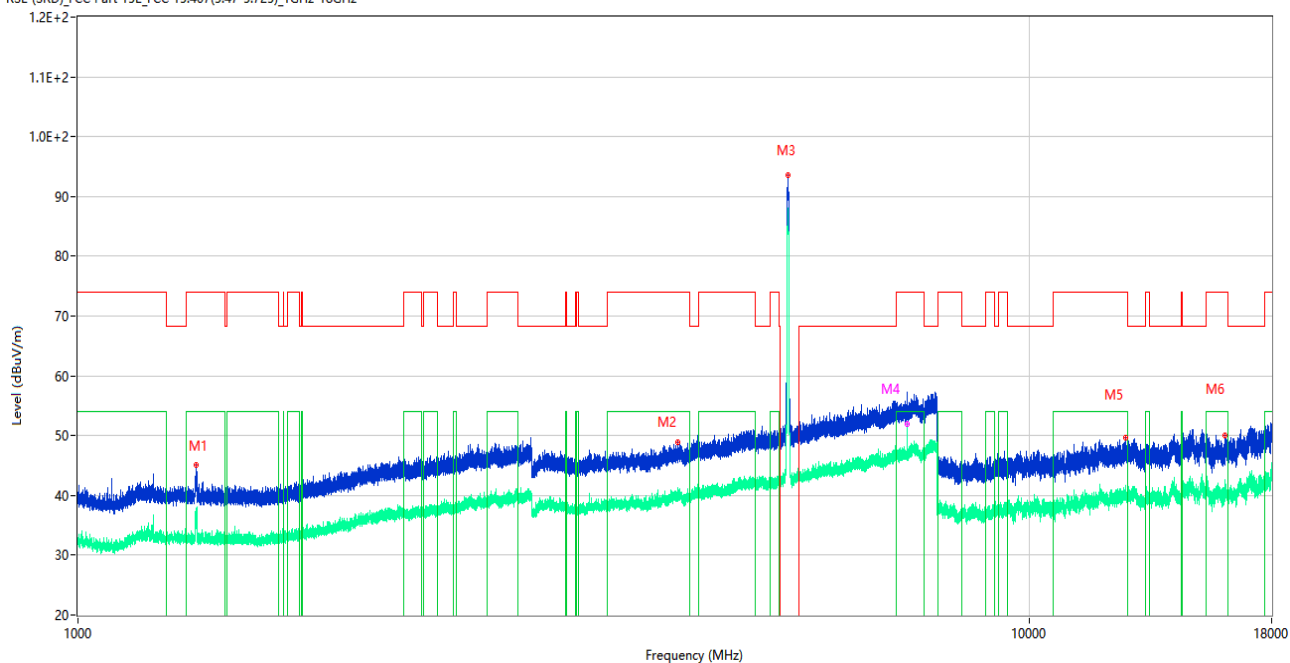
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.900	47.14	74.0	26.86	Peak	163.00	400	Vertical	Pass
1**	1330.900	36.33	54.0	17.67	AV	163.00	400	Vertical	Pass
2	4263.500	49.04	74.0	24.96	Peak	269.00	300	Vertical	Pass
2**	4263.500	39.55	54.0	14.45	AV	269.00	300	Vertical	Pass
3	5496.750	94.33	--	--	Peak	238.00	200	Vertical	N/A
3**	5496.750	86.93	--	--	AV	238.00	200	Vertical	N/A
4	7333.500	57.13	74.0	16.87	Peak	341.00	100	Vertical	Pass
4**	7333.500	53.31	54.0	0.69	AV	341.00	100	Vertical	Pass
5	10995.588	50.90	74.0	23.10	Peak	323.00	100	Vertical	Pass
5**	10995.588	46.52	54.0	7.48	AV	323.00	100	Vertical	Pass
6	16095.825	49.56	74.0	24.44	Peak	88.00	200	Vertical	Pass
6**	16095.825	40.72	54.0	13.28	AV	88.00	200	Vertical	Pass

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

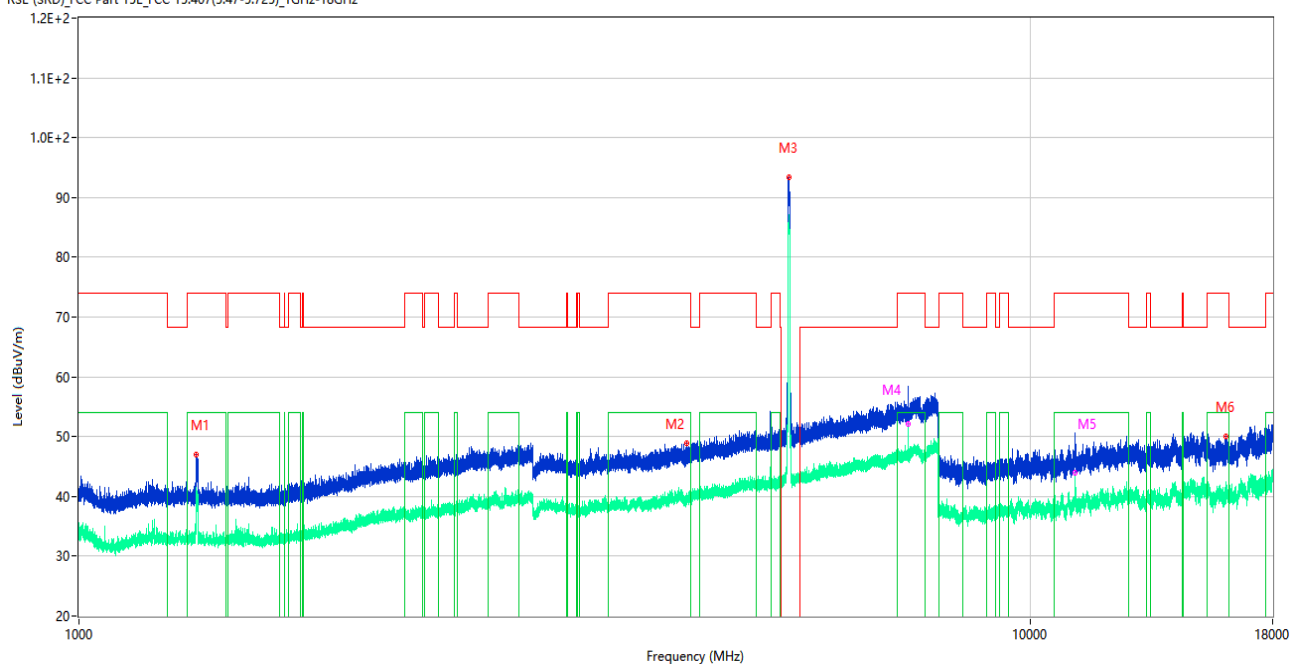
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.800	45.08	74.0	28.92	Peak	140.00	400	Horizontal	Pass
1**	1332.800	36.02	54.0	17.98	AV	140.00	400	Horizontal	Pass
2	4270.750	48.84	74.0	25.16	Peak	357.00	300	Horizontal	Pass
2**	4270.750	39.55	54.0	14.45	AV	357.00	300	Horizontal	Pass
3	5581.000	93.65	--	--	Peak	126.00	200	Horizontal	N/A
3**	5581.000	85.74	--	--	AV	126.00	200	Horizontal	N/A
4	7440.000	55.68	74.0	18.32	Peak	158.00	100	Horizontal	Pass
4**	7440.000	51.98	54.0	2.02	AV	158.00	100	Horizontal	Pass
5	12641.225	49.66	74.0	24.34	Peak	205.00	200	Horizontal	Pass
5**	12641.225	40.27	54.0	13.73	AV	205.00	200	Horizontal	Pass
6	16095.037	49.95	74.0	24.05	Peak	240.00	300	Horizontal	Pass
6**	16095.037	40.80	54.0	13.20	AV	240.00	300	Horizontal	Pass

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

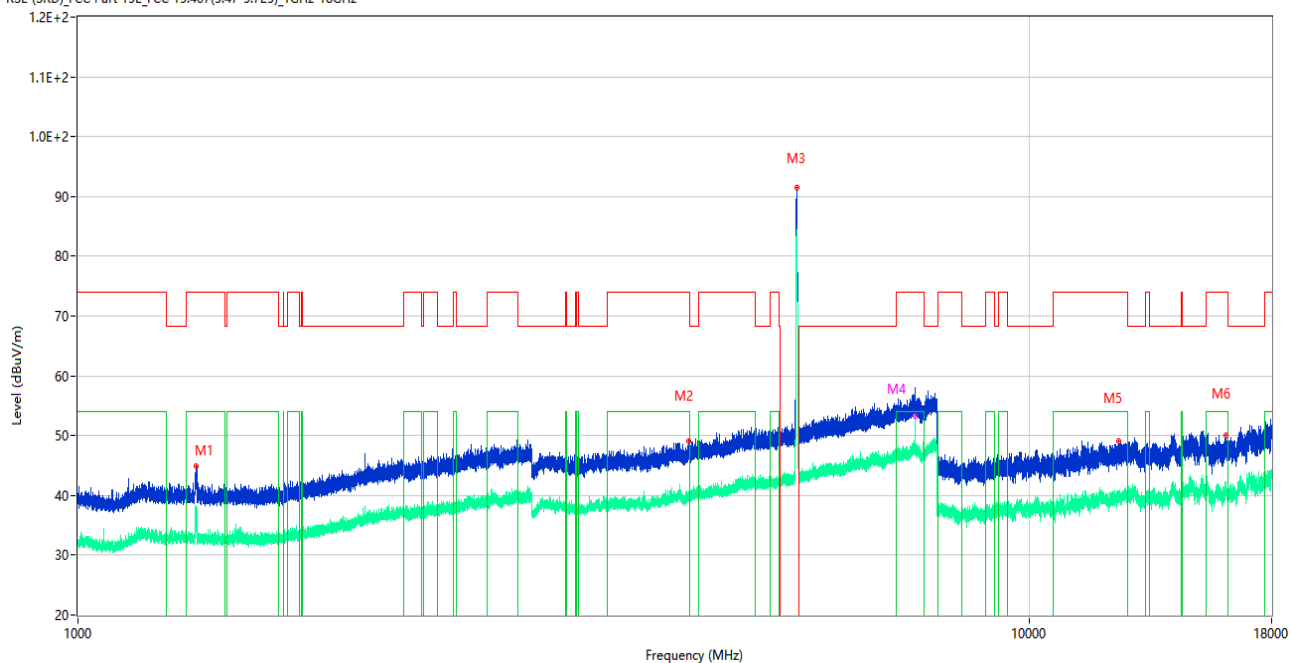
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.500	46.95	74.0	27.05	Peak	161.00	300	Vertical	Pass
1**	1328.500	39.48	54.0	14.52	AV	161.00	300	Vertical	Pass
2	4360.500	48.93	74.0	25.07	Peak	101.00	100	Vertical	Pass
2**	4360.500	39.26	54.0	14.74	AV	101.00	100	Vertical	Pass
3	5578.000	93.41	--	142.59	Peak	236.00	200	Vertical	Pass
3**	5578.000	85.59	--	-85.59	AV	236.00	200	Vertical	N/A
4	7440.250	57.15	74.0	16.85	Peak	332.00	100	Vertical	Pass
4**	7440.250	52.09	54.0	1.91	AV	332.00	100	Vertical	Pass
5	11158.750	48.89	74.0	25.11	Peak	0.00	100	Vertical	Pass
5**	11158.750	43.95	54.0	10.05	AV	0.00	100	Vertical	Pass
6	16091.888	50.00	74.0	24.00	Peak	336.00	300	Vertical	Pass
6**	16091.888	40.58	54.0	13.42	AV	336.00	300	Vertical	Pass

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

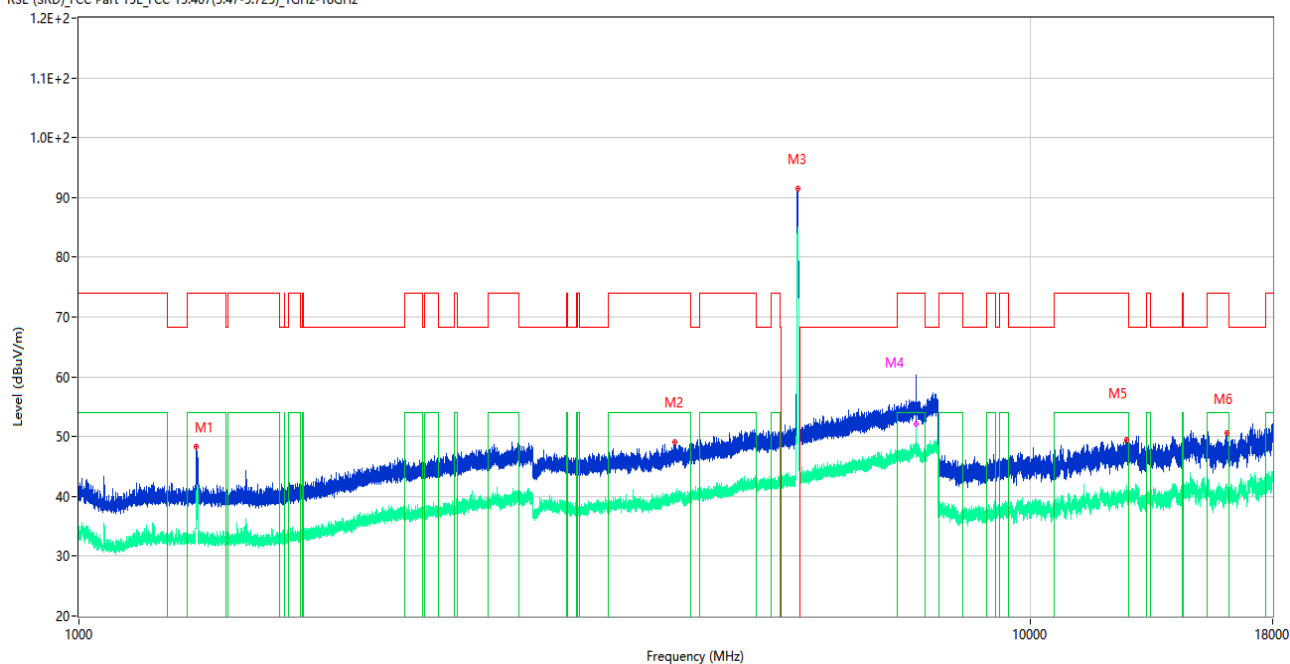
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.300	44.86	74.0	29.14	Peak	349.00	200	Horizontal	Pass
1**	1330.300	37.13	54.0	16.87	AV	349.00	200	Horizontal	Pass
2	4391.000	49.00	74.0	25.00	Peak	269.00	400	Horizontal	Pass
2**	4391.000	39.84	54.0	14.16	AV	269.00	400	Horizontal	Pass
3	5701.000	91.50	--	--	Peak	142.00	200	Horizontal	N/A
3**	5701.000	83.00	--	--	AV	142.00	200	Horizontal	N/A
4	7600.000	56.76	74.0	17.24	Peak	37.00	100	Horizontal	Pass
4**	7600.000	53.25	54.0	0.75	AV	37.00	100	Horizontal	Pass
5	12431.037	49.16	74.0	24.84	Peak	72.00	100	Horizontal	Pass
5**	12431.037	39.25	54.0	14.75	AV	72.00	100	Horizontal	Pass
6	16127.849	50.12	74.0	23.88	Peak	148.00	400	Horizontal	Pass
6**	16127.849	41.00	54.0	13.00	AV	148.00	400	Horizontal	Pass

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

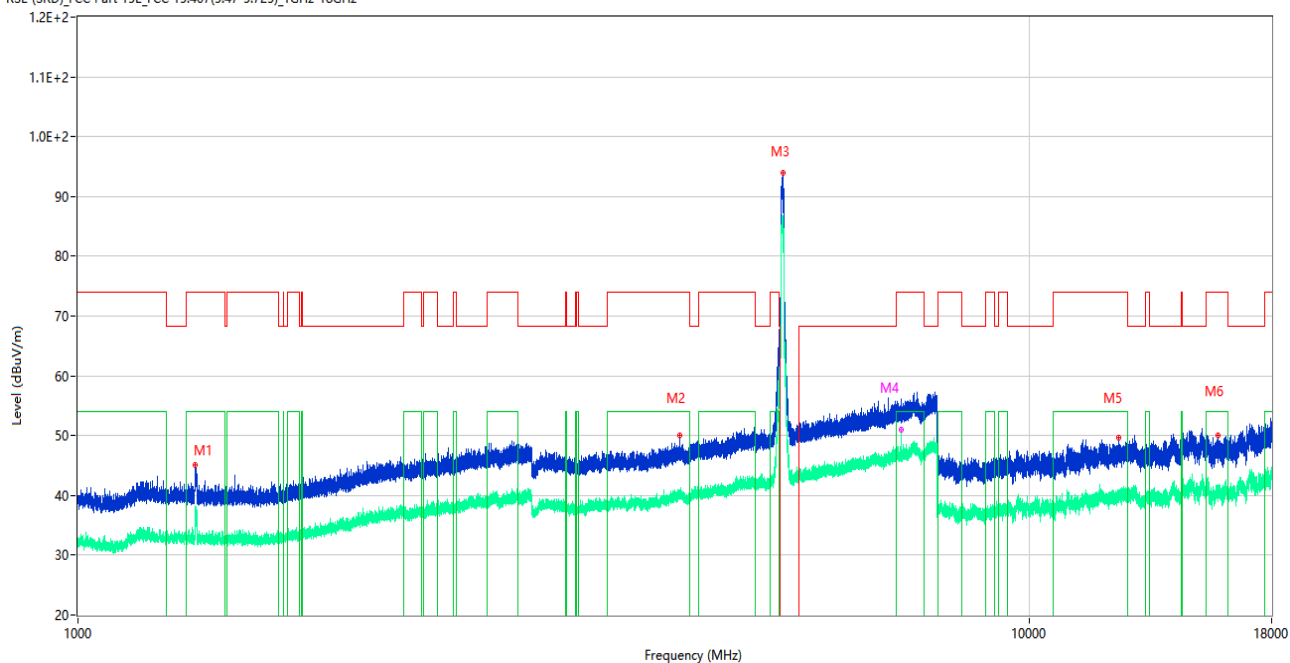
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.900	48.28	74.0	25.72	Peak	282.00	100	Vertical	Pass
1**	1328.900	38.81	54.0	15.19	AV	282.00	100	Vertical	Pass
2	4230.250	49.04	74.0	24.96	Peak	173.00	300	Vertical	Pass
2**	4230.250	39.09	54.0	14.91	AV	173.00	300	Vertical	Pass
3	5698.000	91.46	--	--	Peak	261.00	100	Vertical	N/A
3**	5698.000	84.39	--	--	AV	261.00	100	Vertical	N/A
4	7600.250	58.28	74.0	15.72	Peak	360.00	100	Vertical	Pass
4**	7600.250	52.34	54.0	1.66	AV	360.00	100	Vertical	Pass
5	12645.262	49.40	74.0	24.60	Peak	106.00	150	Vertical	Pass
5**	12645.262	40.04	54.0	13.96	AV	106.00	150	Vertical	Pass
6	16105.538	50.69	74.0	23.31	Peak	106.00	100	Vertical	Pass
6**	16105.538	40.94	54.0	13.06	AV	106.00	100	Vertical	Pass

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

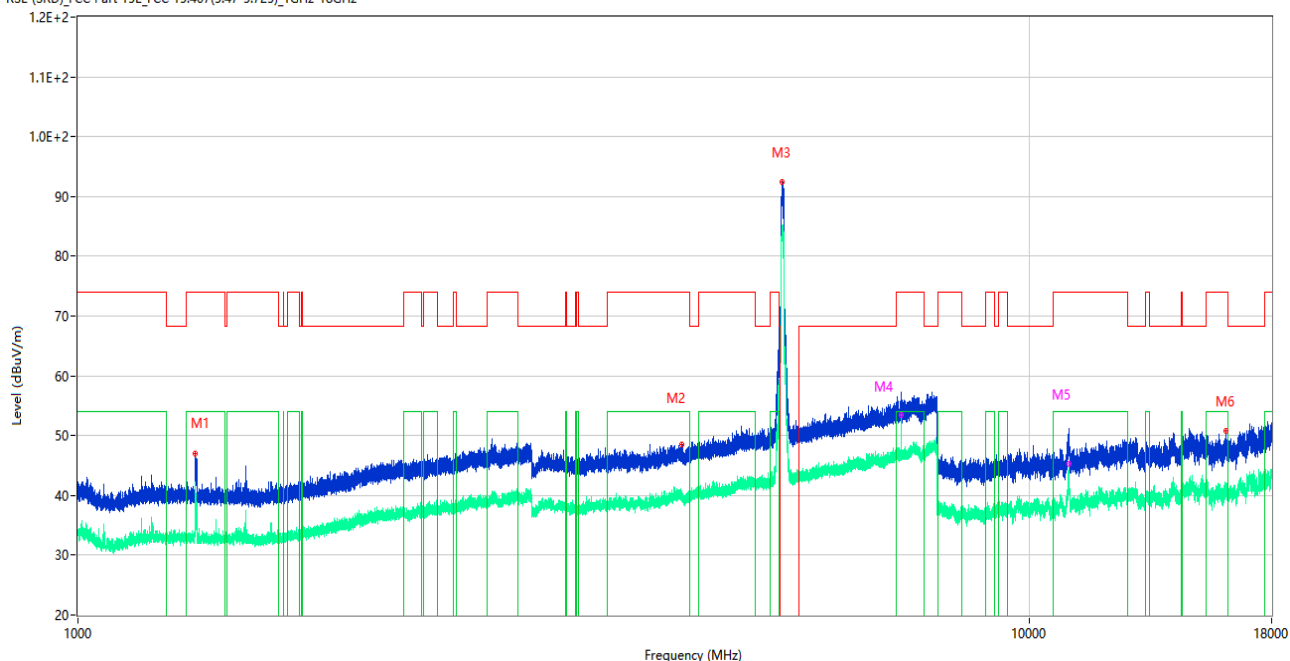
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.600	45.02	74.0	28.98	Peak	344.00	100	Horizontal	Pass
1**	1329.600	36.09	54.0	17.91	AV	344.00	100	Horizontal	Pass
2	4289.750	50.06	74.0	23.94	Peak	341.00	300	Horizontal	Pass
2**	4289.750	39.87	54.0	14.13	AV	341.00	300	Horizontal	Pass
3	5511.250	94.04	--	--	Peak	134.00	100	Horizontal	N/A
3**	5511.250	85.35	--	--	AV	134.00	100	Horizontal	N/A
4	7346.750	55.93	74.0	18.07	Peak	158.00	100	Horizontal	Pass
4**	7346.750	51.02	54.0	2.98	AV	158.00	100	Horizontal	Pass
5	12429.138	49.68	74.0	24.32	Peak	99.00	200	Horizontal	Pass
5**	12429.138	40.13	54.0	13.87	AV	99.00	200	Horizontal	Pass
6	15823.350	49.96	74.0	24.04	Peak	258.00	100	Horizontal	Pass
6**	15823.350	40.97	54.0	13.03	AV	258.00	100	Horizontal	Pass

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

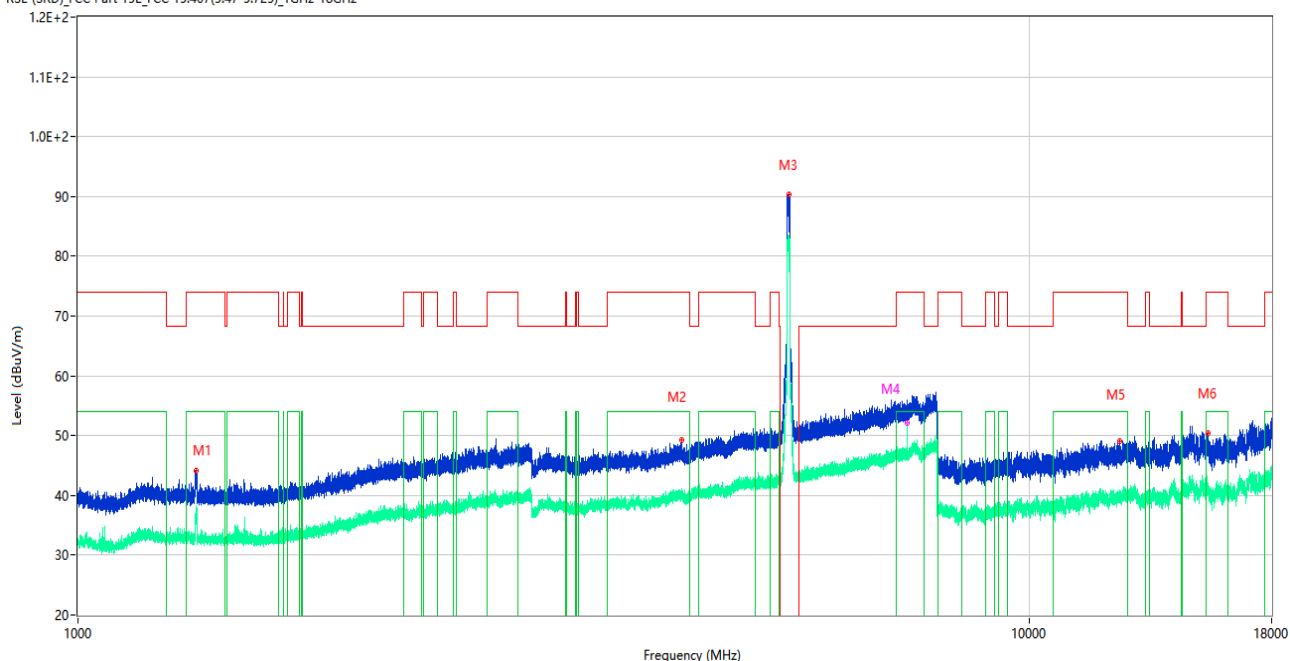
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.600	47.08	74.0	26.92	Peak	142.00	100	Vertical	Pass
1**	1327.600	36.86	54.0	17.14	AV	142.00	100	Vertical	Pass
2	4315.250	48.58	74.0	25.42	Peak	360.00	300	Vertical	Pass
2**	4315.250	39.93	54.0	14.07	AV	360.00	300	Vertical	Pass
3	5498.750	92.45	--	--	Peak	238.00	100	Vertical	Pass
3**	5498.750	83.31	--	--	AV	238.00	100	Vertical	N/A
4	7346.750	57.04	74.0	16.96	Peak	349.00	100	Vertical	Pass
4**	7346.750	53.38	54.0	0.62	AV	349.00	100	Vertical	Pass
5	11018.625	48.63	74.0	25.37	Peak	0.00	100	Vertical	Pass
5**	11018.625	45.25	54.0	8.75	AV	0.00	100	Vertical	Pass
6	16097.662	50.70	74.0	23.30	Peak	360.00	300	Vertical	Pass
6**	16097.662	41.30	54.0	12.70	AV	360.00	300	Vertical	Pass

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

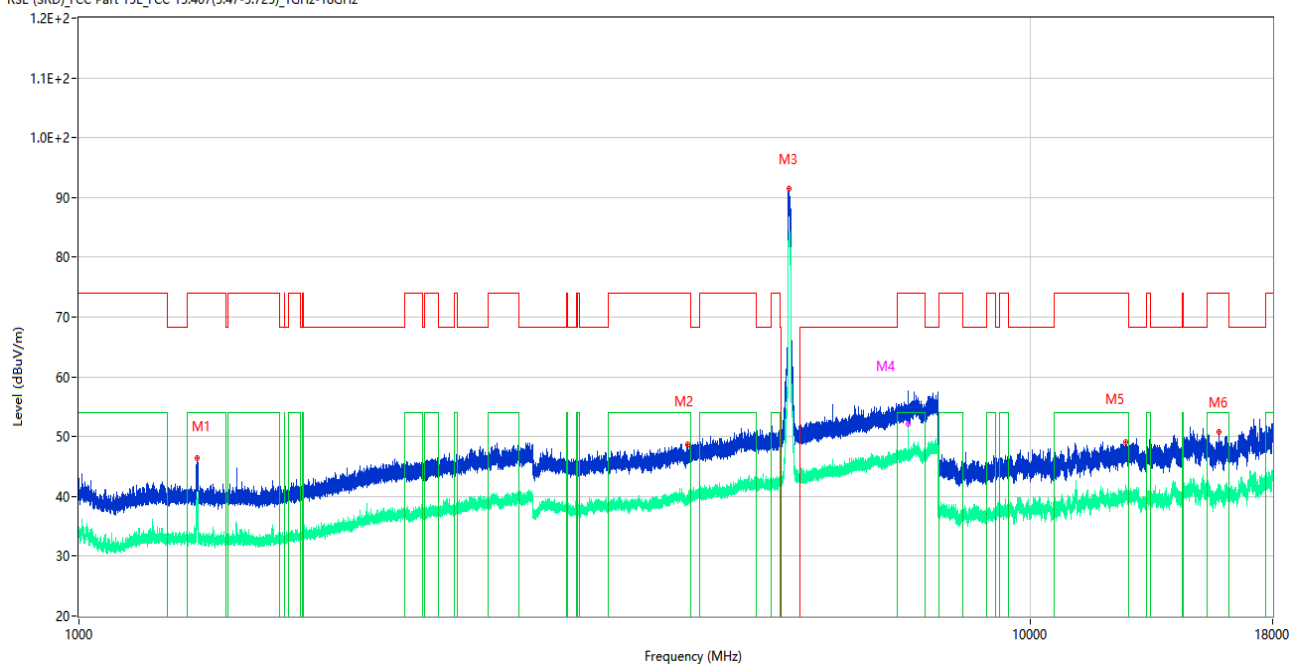
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.100	44.19	74.0	29.81	Peak	345.00	100	Horizontal	Pass
1**	1332.100	36.47	54.0	17.53	AV	345.00	100	Horizontal	Pass
2	4319.500	49.31	74.0	24.69	Peak	359.00	200	Horizontal	Pass
2**	4319.500	39.51	54.0	14.49	AV	359.00	200	Horizontal	Pass
3	5587.750	90.32	--	--	Peak	91.00	100	Horizontal	N/A
3**	5587.750	83.07	--	--	AV	91.00	100	Horizontal	N/A
4	7453.500	54.93	74.0	19.07	Peak	156.00	100	Horizontal	Pass
4**	7453.500	52.04	54.0	1.96	AV	156.00	100	Horizontal	Pass
5	12448.612	49.17	74.0	24.83	Peak	259.00	150	Horizontal	Pass
5**	12448.612	39.65	54.0	14.35	AV	259.00	150	Horizontal	Pass
6	15436.425	50.40	74.0	23.60	Peak	360.00	100	Horizontal	Pass
6**	15436.425	41.64	54.0	12.36	AV	360.00	100	Horizontal	Pass

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

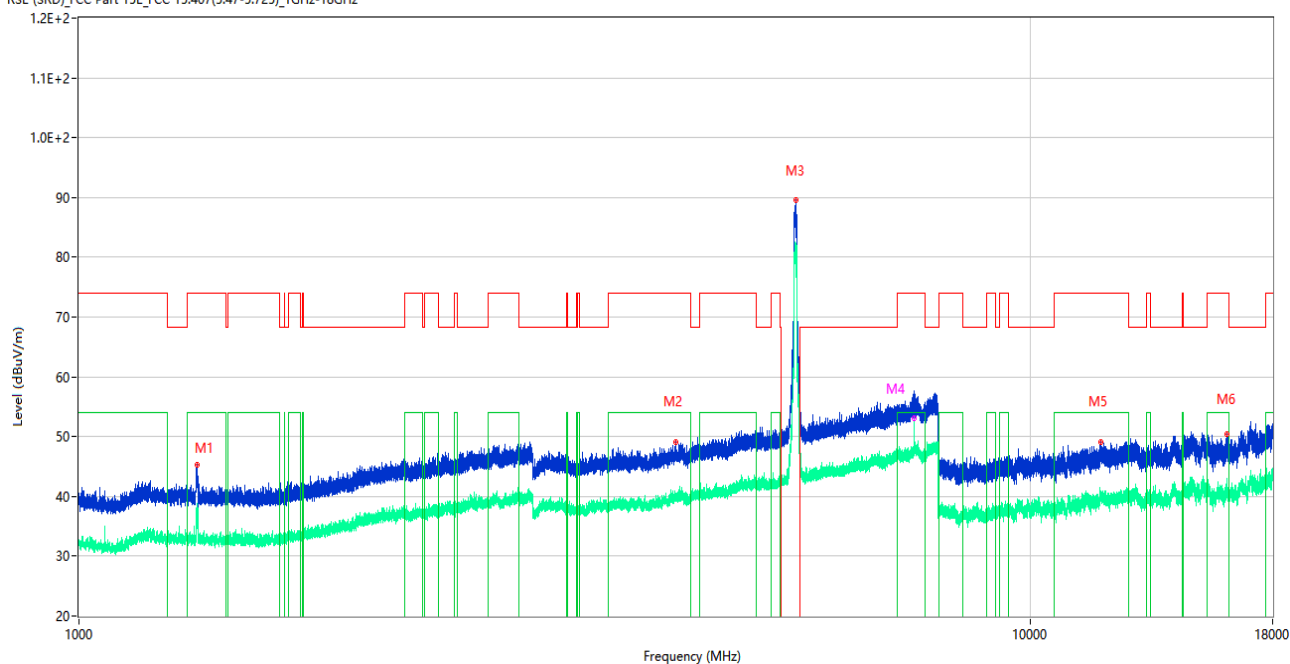
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.000	46.38	74.0	27.62	Peak	165.00	200	Vertical	Pass
1**	1330.000	36.16	54.0	17.84	AV	165.00	200	Vertical	Pass
2	4364.000	48.74	74.0	25.26	Peak	220.00	400	Vertical	Pass
2**	4364.000	38.87	54.0	15.13	AV	220.00	400	Vertical	Pass
3	5585.250	91.48	--	--	Peak	261.00	150	Vertical	N/A
3**	5585.250	83.91	--	--	AV	261.00	150	Vertical	N/A
4	7453.500	56.85	74.0	17.15	Peak	360.00	100	Vertical	Pass
4**	7453.500	52.53	54.0	1.47	AV	360.00	100	Vertical	Pass
5	12614.388	49.05	74.0	24.95	Peak	1.00	100	Vertical	Pass
5**	12614.388	39.82	54.0	14.18	AV	1.00	100	Vertical	Pass
6	15823.350	50.77	74.0	23.23	Peak	107.00	400	Vertical	Pass
6**	15823.350	39.99	54.0	14.01	AV	107.00	400	Vertical	Pass

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

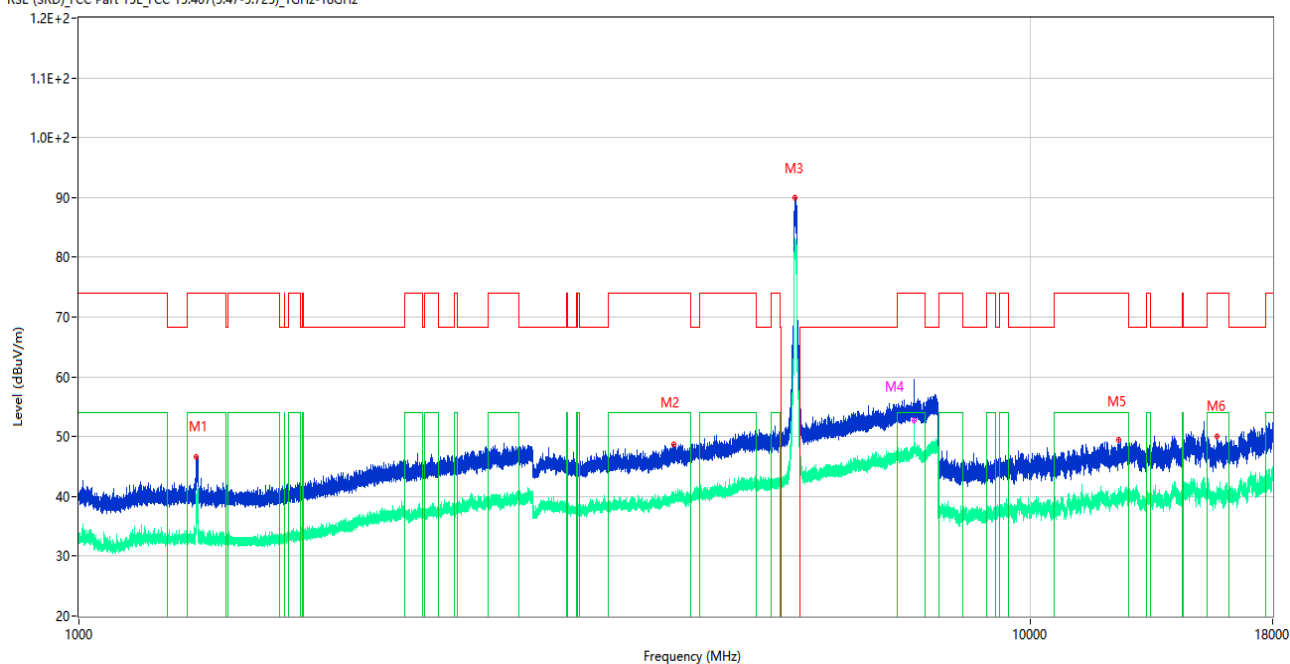
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.700	45.29	74.0	28.71	Peak	58.00	300	Horizontal	Pass
1**	1331.700	38.78	54.0	15.22	AV	58.00	300	Horizontal	Pass
2	4245.500	49.17	74.0	24.83	Peak	222.00	300	Horizontal	Pass
2**	4245.500	40.20	54.0	13.80	AV	222.00	300	Horizontal	Pass
3	5672.000	89.58	--	--	Peak	147.00	150	Horizontal	N/A
3**	5672.000	81.72	--	--	AV	147.00	150	Horizontal	N/A
4	7560.000	56.49	74.0	17.51	Peak	63.00	100	Horizontal	Pass
4**	7560.000	53.19	54.0	0.81	AV	63.00	100	Horizontal	Pass
5	11873.625	49.14	74.0	24.86	Peak	9.00	150	Horizontal	Pass
5**	11873.625	40.13	54.0	13.87	AV	9.00	150	Horizontal	Pass
6	16118.138	50.42	74.0	23.58	Peak	117.00	300	Horizontal	Pass
6**	16118.138	40.95	54.0	13.05	AV	117.00	300	Horizontal	Pass

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

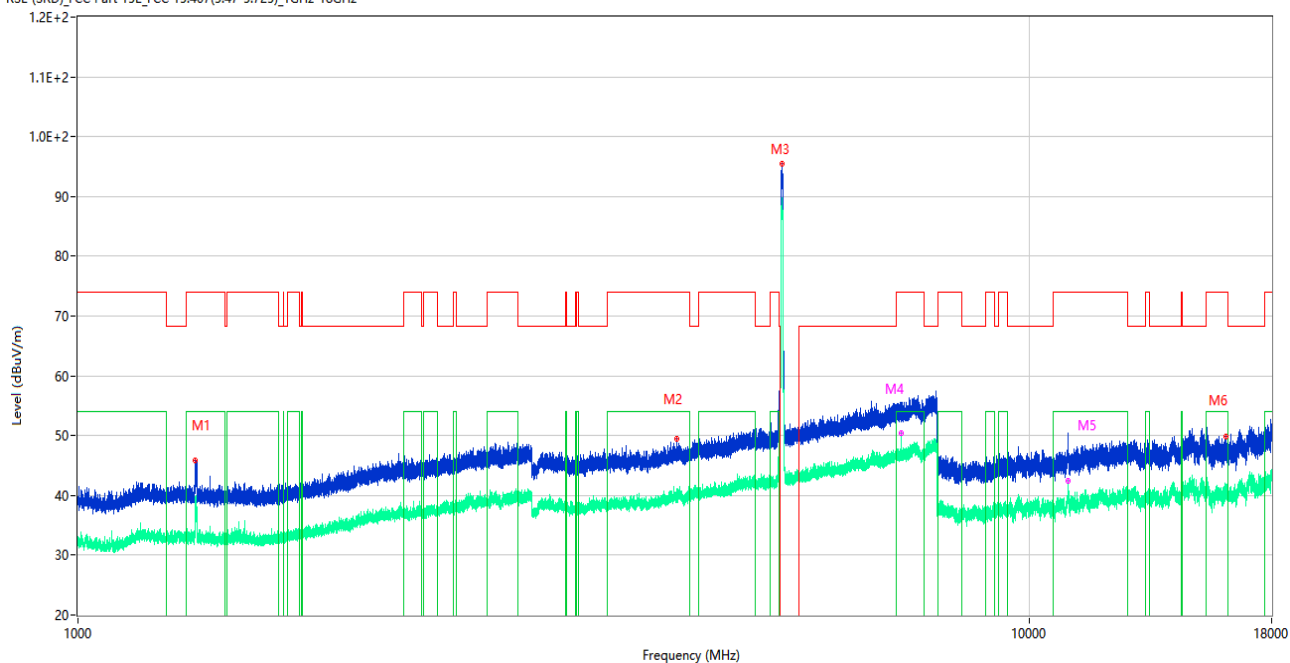
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.400	46.67	74.0	27.33	Peak	148.00	100	Vertical	Pass
1**	1329.400	37.77	54.0	16.23	AV	148.00	100	Vertical	Pass
2	4217.250	48.71	74.0	25.29	Peak	1.00	200	Vertical	Pass
2**	4217.250	39.32	54.0	14.68	AV	1.00	200	Vertical	Pass
3	5667.750	89.91	--	--	Peak	224.00	100	Vertical	N/A
3**	5667.750	81.88	--	--	AV	224.00	100	Vertical	N/A
4	7560.250	59.62	74.0	14.38	Peak	340.00	100	Vertical	Pass
4**	7560.250	52.66	54.0	1.34	AV	340.00	100	Vertical	Pass
5	12403.013	49.54	74.0	24.46	Peak	183.00	100	Vertical	Pass
5**	12403.013	39.12	54.0	14.88	AV	183.00	100	Vertical	Pass
6	15749.588	50.09	74.0	23.91	Peak	310.00	300	Vertical	Pass
6**	15749.588	40.75	54.0	13.25	AV	310.00	300	Vertical	Pass

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

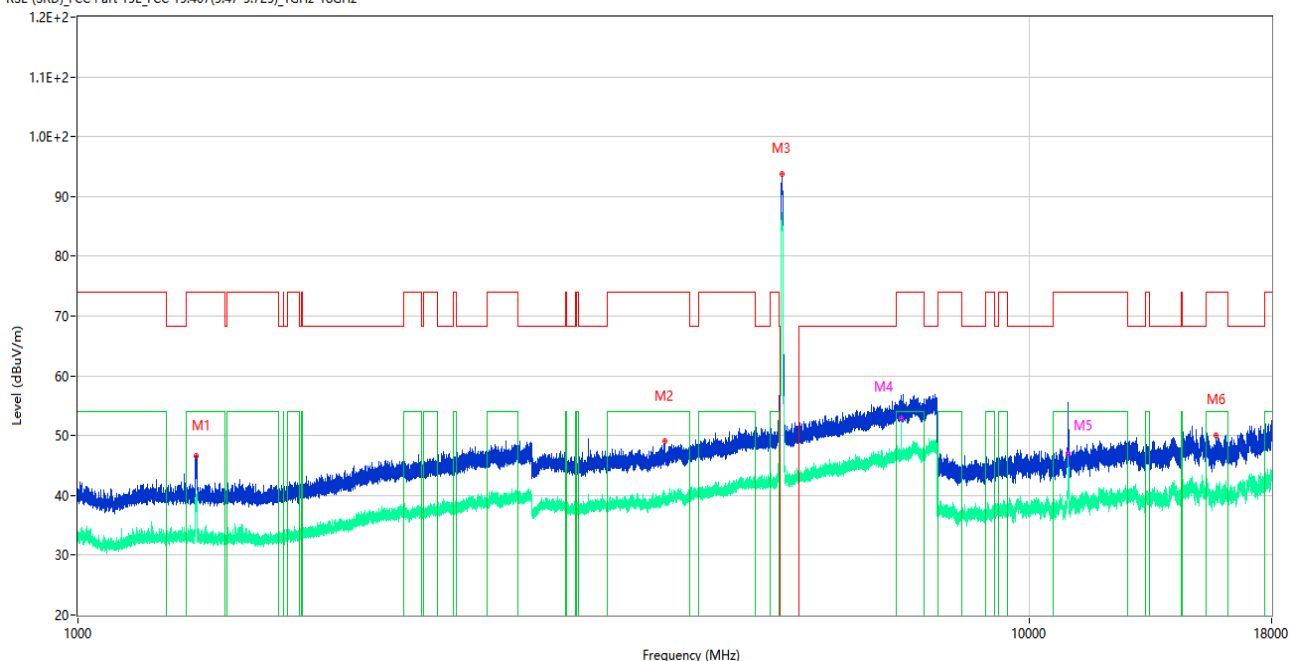
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	45.93	74.0	28.07	Peak	355.00	200	Horizontal	Pass
1**	1329.200	37.55	54.0	16.45	AV	355.00	200	Horizontal	Pass
2	4263.750	49.41	74.0	24.59	Peak	47.00	400	Horizontal	Pass
2**	4263.750	39.46	54.0	14.54	AV	47.00	400	Horizontal	Pass
3	5497.750	95.47	--	--	Peak	138.00	100	Horizontal	N/A
3**	5497.750	88.41	--	--	AV	138.00	100	Horizontal	N/A
4	7333.250	54.21	74.0	19.79	Peak	339.00	100	Horizontal	Pass
4**	7333.250	50.44	54.0	3.56	AV	339.00	100	Horizontal	Pass
5	10989.175	47.73	74.0	26.27	Peak	119.00	100	Horizontal	Pass
5**	10989.175	42.52	54.0	11.48	AV	119.00	100	Horizontal	Pass
6	16097.401	49.83	74.0	24.17	Peak	341.00	200	Horizontal	Pass
6**	16097.401	41.08	54.0	12.92	AV	341.00	200	Horizontal	Pass

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

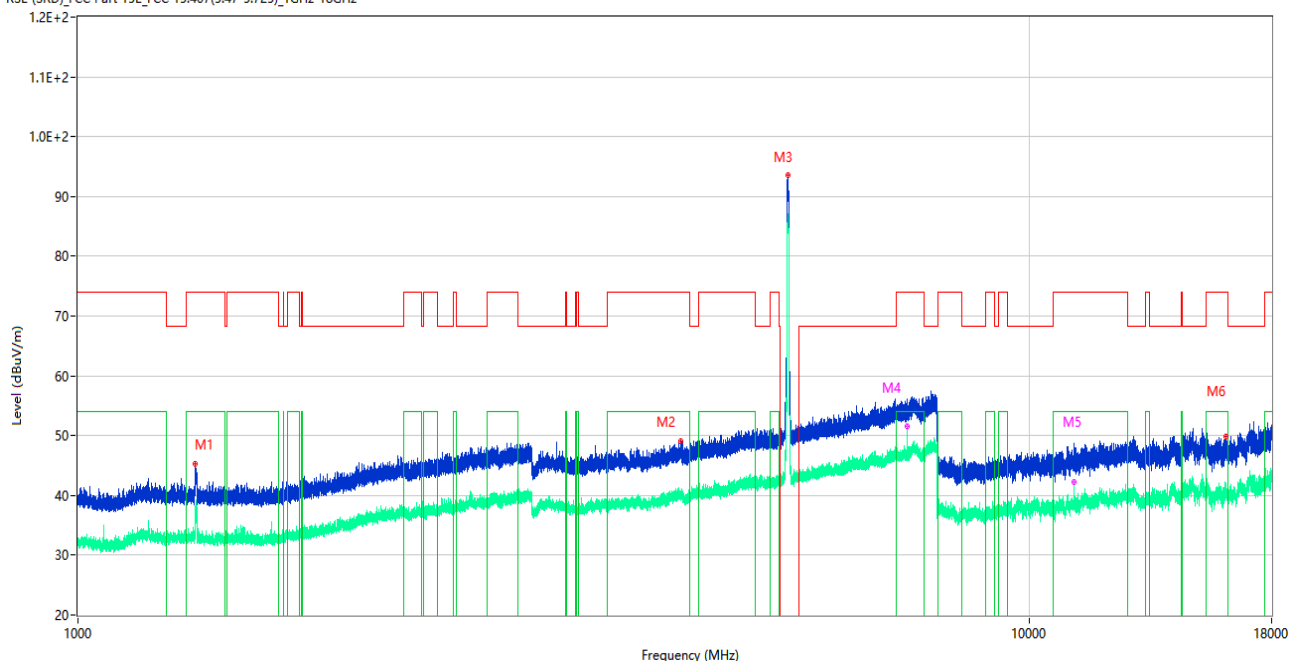
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.700	46.70	74.0	27.30	Peak	140.00	400	Vertical	Pass
1**	1330.700	37.29	54.0	16.71	AV	140.00	400	Vertical	Pass
2	4141.000	49.17	74.0	24.83	Peak	321.00	200	Vertical	Pass
2**	4141.000	38.57	54.0	15.43	AV	321.00	200	Vertical	Pass
3	5498.500	93.79	--	--	Peak	246.00	200	Vertical	N/A
3**	5498.500	86.27	--	--	AV	246.00	200	Vertical	N/A
4	7333.500	56.12	74.0	17.88	Peak	1.00	100	Vertical	Pass
4**	7333.500	52.97	54.0	1.03	AV	1.00	100	Vertical	Pass
5	10997.250	51.95	74.0	22.05	Peak	320.00	100	Vertical	Pass
5**	10997.250	47.02	54.0	6.98	AV	320.00	100	Vertical	Pass
6	15744.075	50.04	74.0	23.96	Peak	341.00	300	Vertical	Pass
6**	15744.075	41.30	54.0	12.70	AV	341.00	300	Vertical	Pass

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

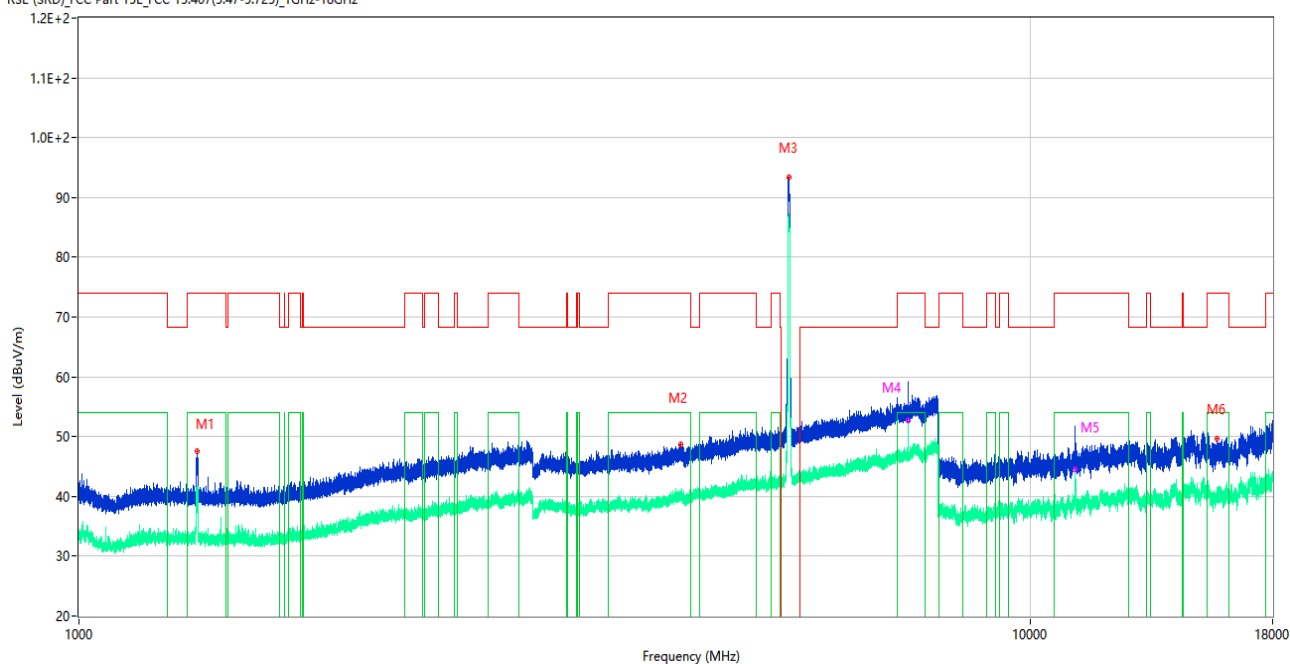
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.800	45.28	74.0	28.72	Peak	143.00	400	Horizontal	Pass
1**	1328.800	38.04	54.0	15.96	AV	143.00	400	Horizontal	Pass
2	4308.750	49.12	74.0	24.88	Peak	81.00	300	Horizontal	Pass
2**	4308.750	39.90	54.0	14.10	AV	81.00	300	Horizontal	Pass
3	5578.750	93.60	--	--	Peak	132.00	150	Horizontal	N/A
3**	5578.750	86.51	--	--	AV	132.00	150	Horizontal	N/A
4	7440.000	56.13	74.0	17.87	Peak	223.00	100	Horizontal	Pass
4**	7440.000	51.59	54.0	2.41	AV	223.00	100	Horizontal	Pass
5	11159.937	48.70	74.0	25.30	Peak	173.00	100	Horizontal	Pass
5**	11159.937	42.22	54.0	11.78	AV	173.00	100	Horizontal	Pass
6	16121.287	49.88	74.0	24.12	Peak	315.00	100	Horizontal	Pass
6**	16121.287	41.51	54.0	12.49	AV	315.00	100	Horizontal	Pass

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

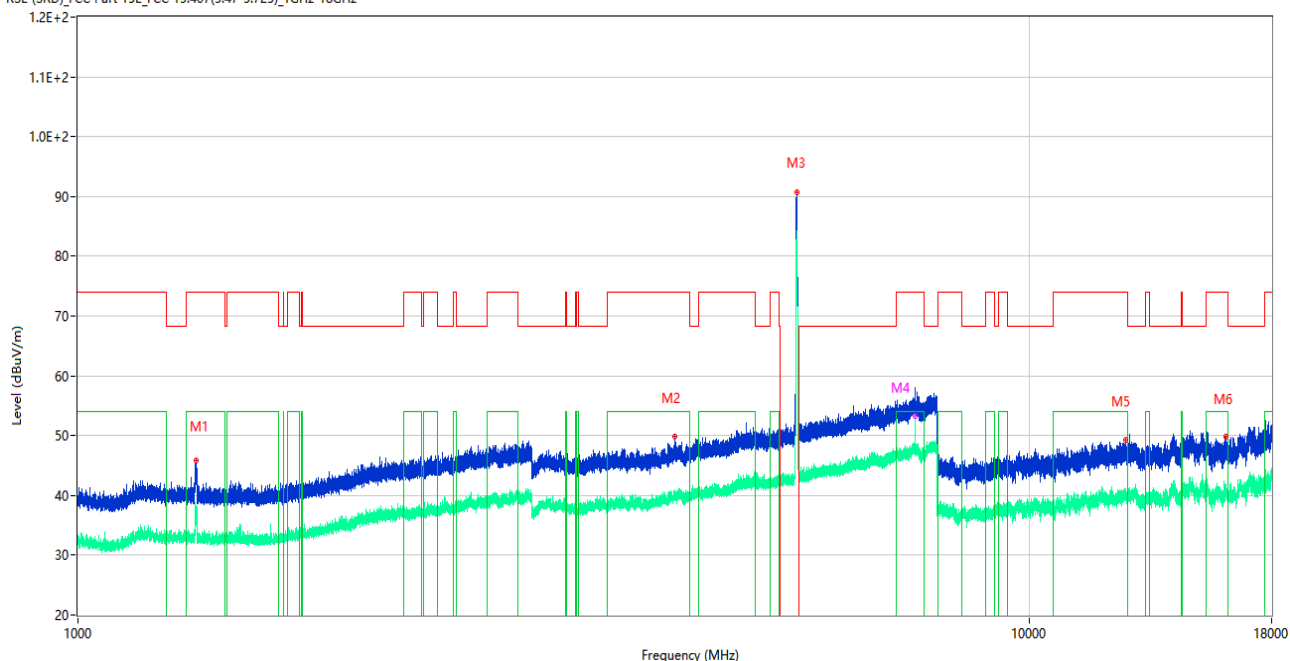
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	47.49	74.0	26.51	Peak	161.00	200	Vertical	Pass
1**	1330.800	39.63	54.0	14.37	AV	161.00	200	Vertical	Pass
2	4292.500	48.72	74.0	25.28	Peak	27.00	400	Vertical	Pass
2**	4292.500	40.60	54.0	13.40	AV	27.00	400	Vertical	Pass
3	5577.250	93.38	--	--	Peak	234.00	100	Vertical	N/A
3**	5577.250	86.53	--	--	AV	234.00	100	Vertical	N/A
4	7440.000	59.08	74.0	14.92	Peak	347.00	100	Vertical	Pass
4**	7440.000	52.83	54.0	1.17	AV	347.00	100	Vertical	Pass
5	11159.224	50.65	74.0	23.35	Peak	0.00	100	Vertical	Pass
5**	11159.224	44.53	54.0	9.47	AV	0.00	100	Vertical	Pass
6	15741.187	49.61	74.0	24.39	Peak	308.00	100	Vertical	Pass
6**	15741.187	39.37	54.0	14.63	AV	308.00	100	Vertical	Pass

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

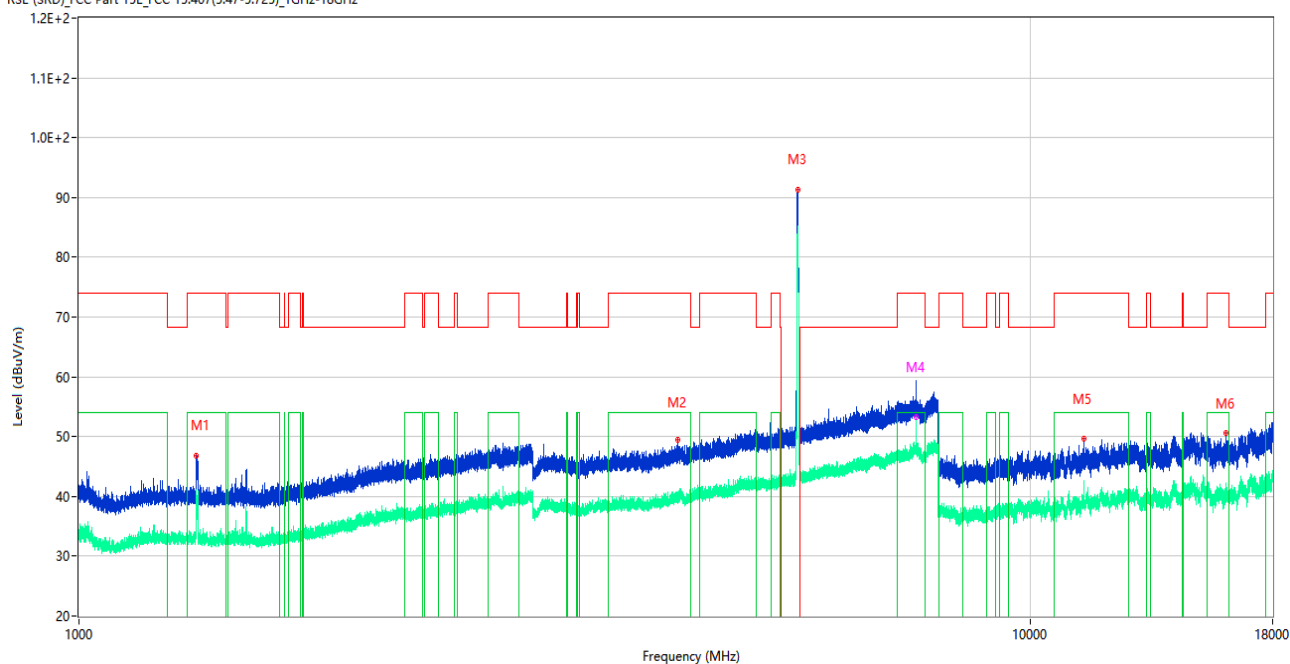
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.700	45.82	74.0	28.18	Peak	1.00	100	Horizontal	Pass
1**	1329.700	37.78	54.0	16.22	AV	1.00	100	Horizontal	Pass
2	4242.000	49.79	74.0	24.21	Peak	360.00	400	Horizontal	Pass
2**	4242.000	39.41	54.0	14.59	AV	360.00	400	Horizontal	Pass
3	5700.750	90.72	--	--	Peak	140.00	150	Horizontal	N/A
3**	5700.750	83.19	--	--	AV	140.00	150	Horizontal	N/A
4	7600.250	56.19	74.0	17.81	Peak	229.00	100	Horizontal	Pass
4**	7600.250	53.36	54.0	0.64	AV	229.00	100	Horizontal	Pass
5	12633.388	49.26	74.0	24.74	Peak	125.00	100	Horizontal	Pass
5**	12633.388	39.92	54.0	14.08	AV	125.00	100	Horizontal	Pass
6	16118.662	49.92	74.0	24.08	Peak	60.00	200	Horizontal	Pass
6**	16118.662	41.09	54.0	12.91	AV	60.00	200	Horizontal	Pass

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

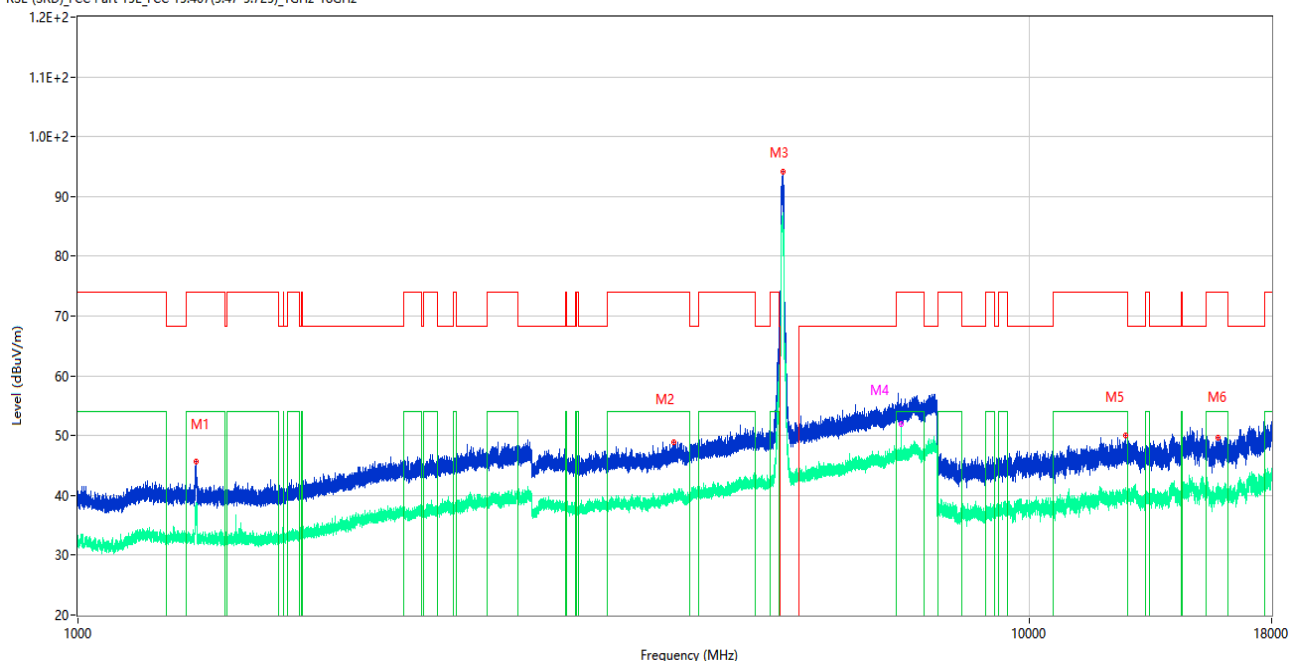
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.300	46.77	74.0	27.23	Peak	165.00	100	Vertical	Pass
1**	1327.300	37.02	54.0	16.98	AV	165.00	100	Vertical	Pass
2	4265.500	49.48	74.0	24.52	Peak	212.00	300	Vertical	Pass
2**	4265.500	39.81	54.0	14.19	AV	212.00	300	Vertical	Pass
3	5698.750	91.34	--	--	Peak	259.00	200	Vertical	N/A
3**	5698.750	84.22	--	--	AV	259.00	200	Vertical	N/A
4	7600.250	59.39	74.0	14.61	Peak	2.00	100	Vertical	Pass
4**	7600.250	53.13	54.0	0.87	AV	2.00	100	Vertical	Pass
5	11400.762	49.65	74.0	24.35	Peak	162.00	150	Vertical	Pass
5**	11400.762	40.41	54.0	13.59	AV	162.00	150	Vertical	Pass
6	16079.813	50.55	74.0	23.45	Peak	218.00	100	Vertical	Pass
6**	16079.813	41.40	54.0	12.60	AV	218.00	100	Vertical	Pass

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

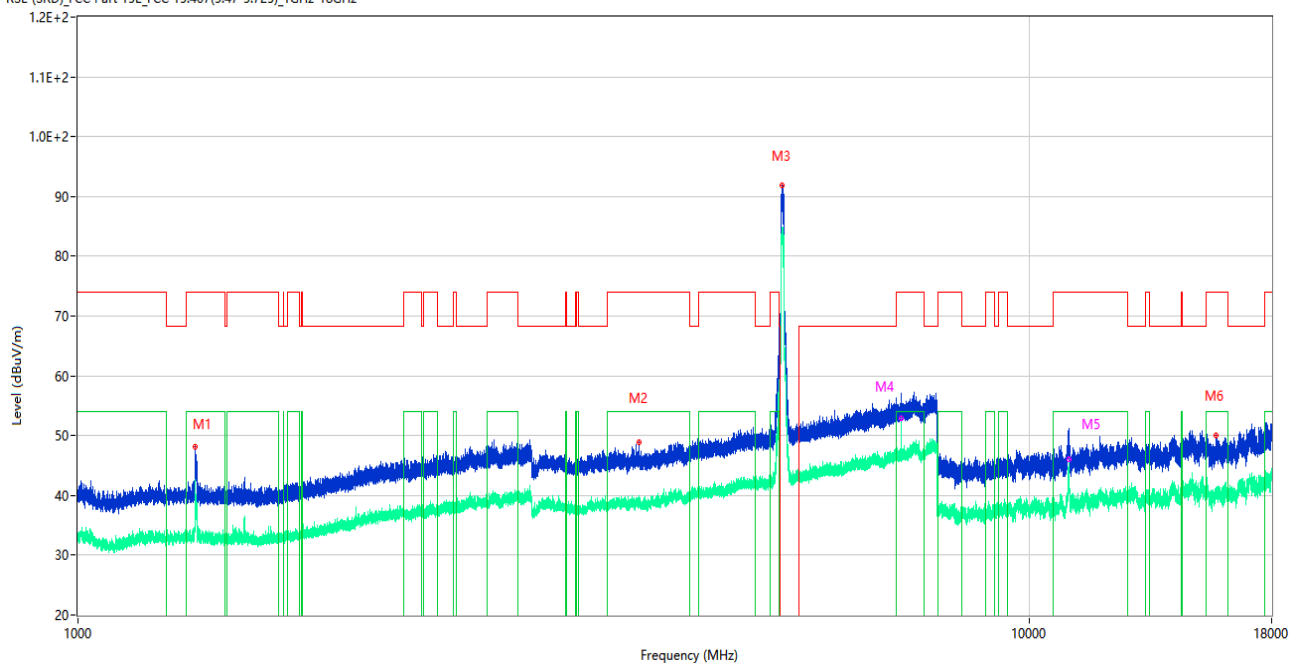
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.500	45.59	74.0	28.41	Peak	238.00	100	Horizontal	Pass
1**	1331.500	36.38	54.0	17.62	AV	238.00	100	Horizontal	Pass
2	4230.500	48.94	74.0	25.06	Peak	107.00	400	Horizontal	Pass
2**	4230.500	41.12	54.0	12.88	AV	107.00	400	Horizontal	Pass
3	5508.000	94.18	--	--	Peak	141.00	150	Horizontal	N/A
3**	5508.000	87.32	--	--	AV	141.00	150	Horizontal	N/A
4	7346.750	55.98	74.0	18.02	Peak	166.00	100	Horizontal	Pass
4**	7346.750	51.87	54.0	2.13	AV	166.00	100	Horizontal	Pass
5	12629.826	50.02	74.0	23.98	Peak	80.00	150	Horizontal	Pass
5**	12629.826	39.60	54.0	14.40	AV	80.00	150	Horizontal	Pass
6	15812.850	49.73	74.0	24.27	Peak	95.00	200	Horizontal	Pass
6**	15812.850	40.12	54.0	13.88	AV	95.00	200	Horizontal	Pass

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

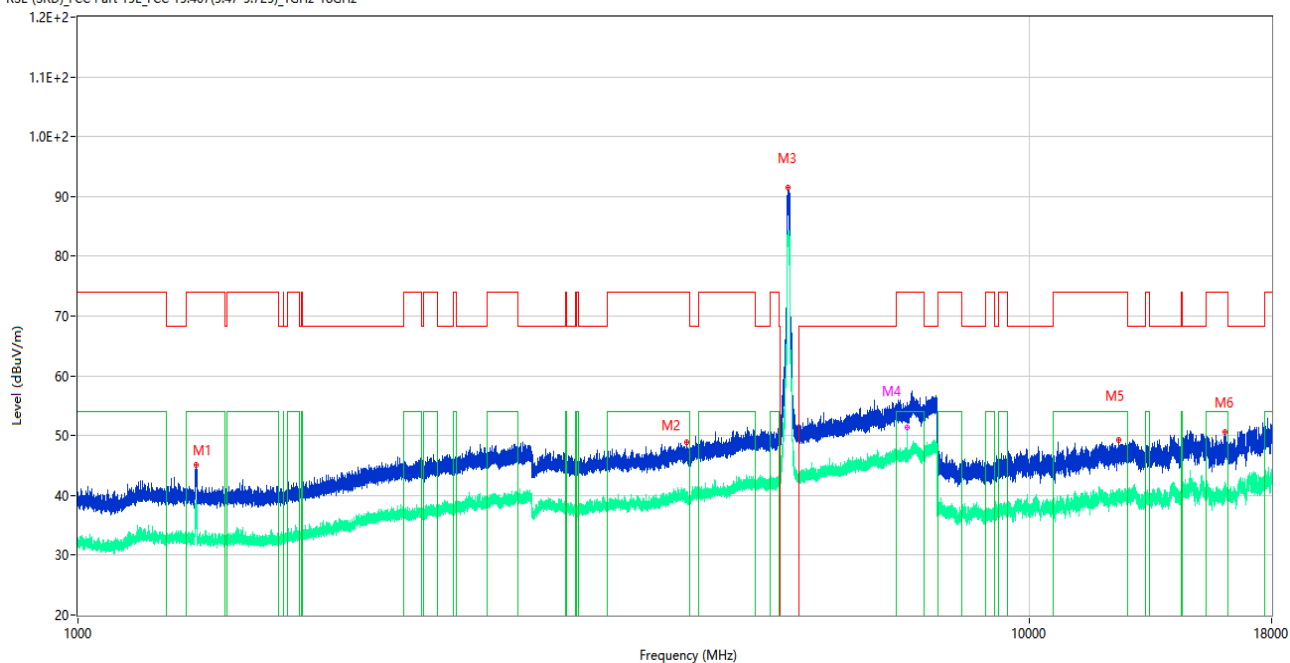
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.800	48.16	74.0	25.84	Peak	157.00	200	Vertical	Pass
1**	1327.800	37.08	54.0	16.92	AV	157.00	200	Vertical	Pass
2	3893.750	48.97	74.0	25.03	Peak	0.00	200	Vertical	Pass
2**	3893.750	38.50	54.0	15.50	AV	0.00	200	Vertical	Pass
3	5505.750	91.84	--	--	Peak	223.00	150	Vertical	N/A
3**	5505.750	83.45	--	--	AV	223.00	150	Vertical	N/A
4	7347.000	55.91	74.0	18.09	Peak	358.00	100	Vertical	Pass
4**	7347.000	52.91	54.0	1.09	AV	358.00	100	Vertical	Pass
5	11013.875	49.97	74.0	24.03	Peak	316.00	100	Vertical	Pass
5**	11013.875	45.99	54.0	8.01	AV	316.00	100	Vertical	Pass
6	15748.013	49.96	74.0	24.04	Peak	96.00	300	Vertical	Pass
6**	15748.013	40.29	54.0	13.71	AV	96.00	300	Vertical	Pass

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

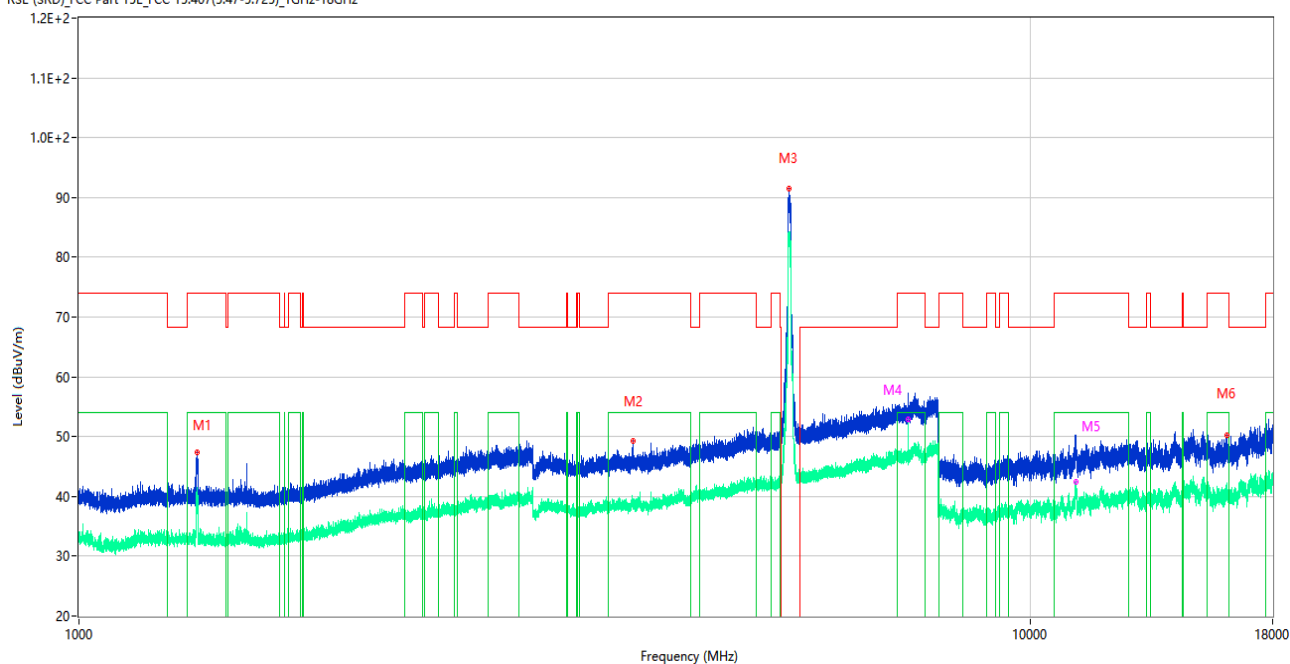
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.100	45.09	74.0	28.91	Peak	47.00	200	Horizontal	Pass
1**	1331.100	34.88	54.0	19.12	AV	47.00	200	Horizontal	Pass
2	4372.000	48.84	74.0	25.16	Peak	181.00	100	Horizontal	Pass
2**	4372.000	39.64	54.0	14.36	AV	181.00	100	Horizontal	Pass
3	5580.500	91.43	--	--	Peak	142.00	100	Horizontal	N/A
3**	5580.500	83.74	--	--	AV	142.00	100	Horizontal	N/A
4	7453.500	55.19	74.0	18.81	Peak	158.00	100	Horizontal	Pass
4**	7453.500	51.37	54.0	2.63	AV	158.00	100	Horizontal	Pass
5	12427.950	49.29	74.0	24.71	Peak	340.00	200	Horizontal	Pass
5**	12427.950	39.70	54.0	14.30	AV	340.00	200	Horizontal	Pass
6	16094.513	50.58	74.0	23.42	Peak	90.00	200	Horizontal	Pass
6**	16094.513	41.37	54.0	12.63	AV	90.00	200	Horizontal	Pass

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

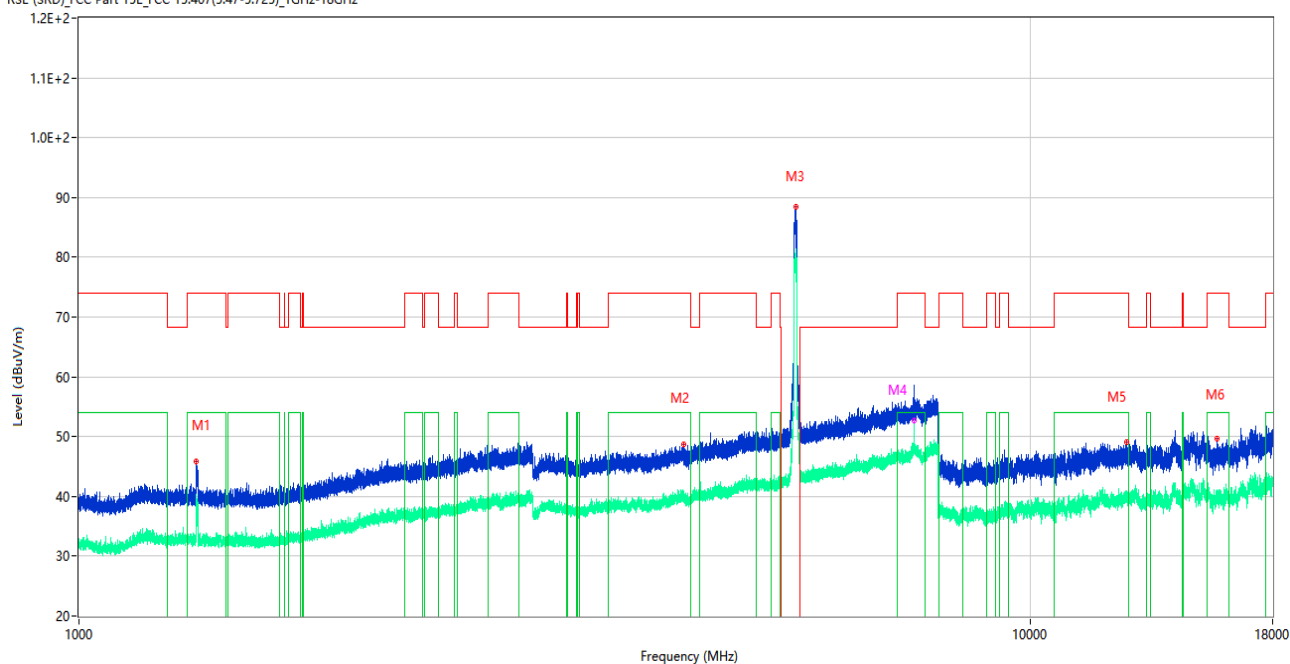
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.400	47.45	74.0	26.55	Peak	281.00	100	Vertical	Pass
1**	1332.400	38.16	54.0	15.84	AV	281.00	100	Vertical	Pass
2	3824.750	49.29	74.0	24.71	Peak	78.00	300	Vertical	Pass
2**	3824.750	38.57	54.0	15.43	AV	78.00	300	Vertical	Pass
3	5586.500	91.53	--	--	Peak	269.00	100	Vertical	N/A
3**	5586.500	83.72	--	--	AV	269.00	100	Vertical	N/A
4	7453.500	57.28	74.0	16.72	Peak	356.00	100	Vertical	Pass
4**	7453.500	53.03	54.0	0.97	AV	356.00	100	Vertical	Pass
5	11178.463	47.43	74.0	26.57	Peak	359.00	100	Vertical	Pass
5**	11178.463	42.50	54.0	11.50	AV	359.00	100	Vertical	Pass
6	16113.412	50.17	74.0	23.83	Peak	359.00	400	Vertical	Pass
6**	16113.412	41.22	54.0	12.78	AV	359.00	400	Vertical	Pass

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

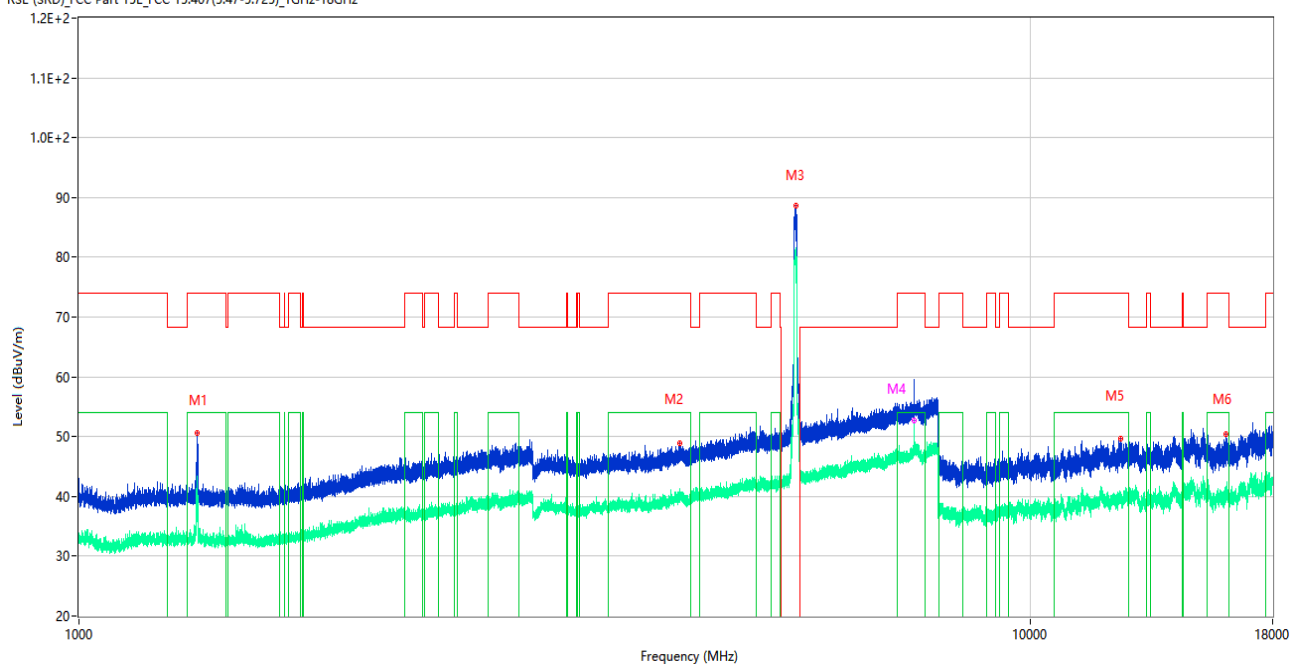
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.200	45.78	74.0	28.22	Peak	55.00	100	Horizontal	Pass
1**	1328.200	35.84	54.0	18.16	AV	55.00	100	Horizontal	Pass
2	4321.500	48.67	74.0	25.33	Peak	228.00	100	Horizontal	Pass
2**	4321.500	39.37	54.0	14.63	AV	228.00	100	Horizontal	Pass
3	5672.750	88.50	--	--	Peak	149.00	200	Horizontal	N/A
3**	5672.750	81.08	--	--	AV	149.00	200	Horizontal	N/A
4	7560.250	56.67	74.0	17.33	Peak	165.00	100	Horizontal	Pass
4**	7560.250	52.79	54.0	1.21	AV	165.00	100	Horizontal	Pass
5	12636.474	49.18	74.0	24.82	Peak	292.00	100	Horizontal	Pass
5**	12636.474	40.02	54.0	13.98	AV	292.00	100	Horizontal	Pass
6	15745.388	49.71	74.0	24.29	Peak	57.00	400	Horizontal	Pass
6**	15745.388	39.96	54.0	14.04	AV	57.00	400	Horizontal	Pass

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

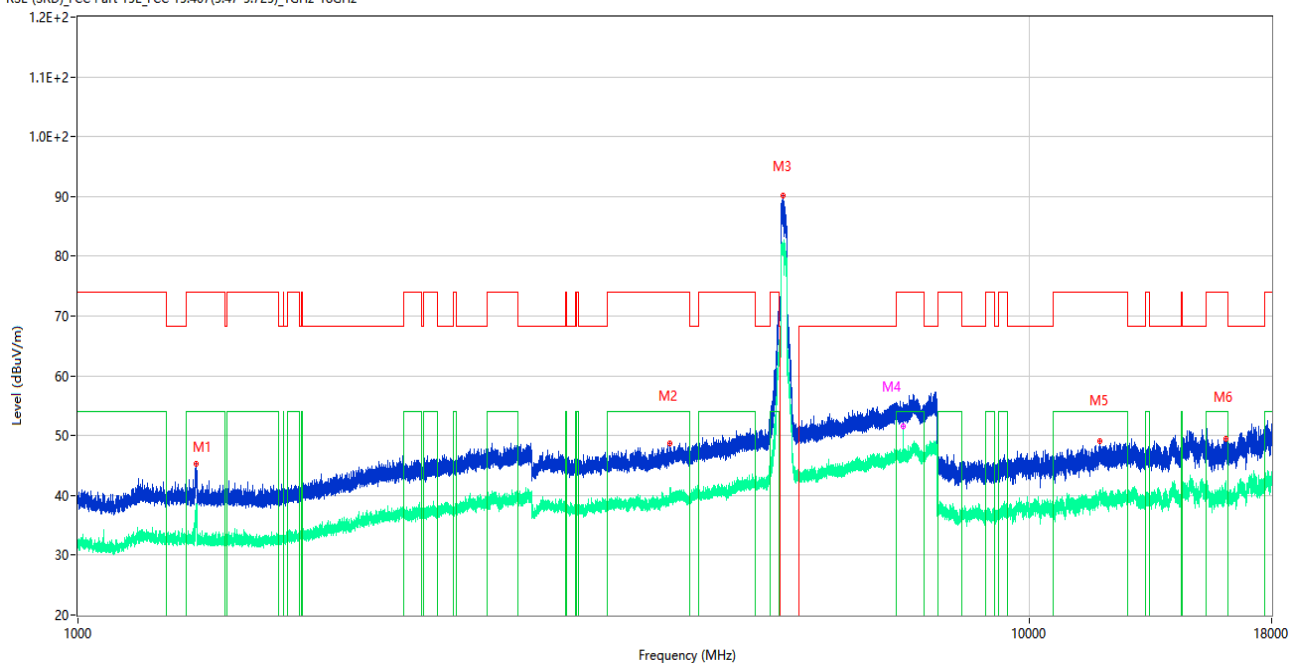
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.500	50.62	74.0	23.38	Peak	288.00	300	Vertical	Pass
1**	1332.500	42.01	54.0	11.99	AV	288.00	300	Vertical	Pass
2	4279.250	48.84	74.0	25.16	Peak	85.00	200	Vertical	Pass
2**	4279.250	39.68	54.0	14.32	AV	85.00	200	Vertical	Pass
3	5672.500	88.70	--	--	Peak	246.00	100	Vertical	N/A
3**	5672.500	81.06	--	--	AV	246.00	100	Vertical	N/A
4	7560.250	59.15	74.0	14.85	Peak	348.00	100	Vertical	Pass
4**	7560.250	52.83	54.0	1.17	AV	348.00	100	Vertical	Pass
5	12456.925	49.62	74.0	24.38	Peak	2.00	150	Vertical	Pass
5**	12456.925	40.62	54.0	13.38	AV	2.00	150	Vertical	Pass
6	16058.550	50.35	74.0	23.65	Peak	311.00	100	Vertical	Pass
6**	16058.550	40.71	54.0	13.29	AV	311.00	100	Vertical	Pass

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

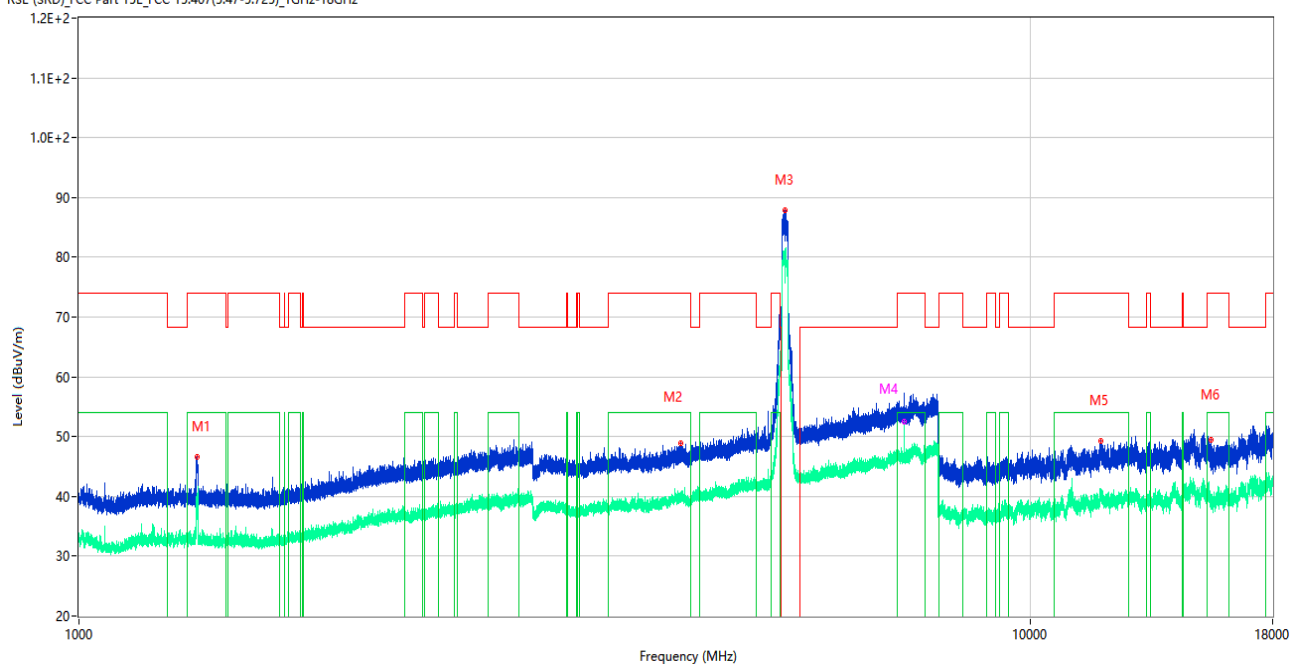
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.900	45.32	74.0	28.68	Peak	47.00	100	Horizontal	Pass
1**	1329.900	35.61	54.0	18.39	AV	47.00	100	Horizontal	Pass
2	4194.750	48.76	74.0	25.24	Peak	62.00	200	Horizontal	Pass
2**	4194.750	40.45	54.0	13.55	AV	62.00	200	Horizontal	Pass
3	5507.500	90.14	--	--	Peak	142.00	100	Horizontal	N/A
3**	5507.500	81.04	--	--	AV	142.00	100	Horizontal	N/A
4	7373.500	55.51	74.0	18.49	Peak	238.00	100	Horizontal	Pass
4**	7373.500	51.50	54.0	2.50	AV	238.00	100	Horizontal	Pass
5	11885.737	49.00	74.0	25.00	Peak	357.00	200	Horizontal	Pass
5**	11885.737	39.71	54.0	14.29	AV	357.00	200	Horizontal	Pass
6	16100.025	49.48	74.0	24.52	Peak	197.00	200	Horizontal	Pass
6**	16100.025	41.32	54.0	12.68	AV	197.00	200	Horizontal	Pass

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

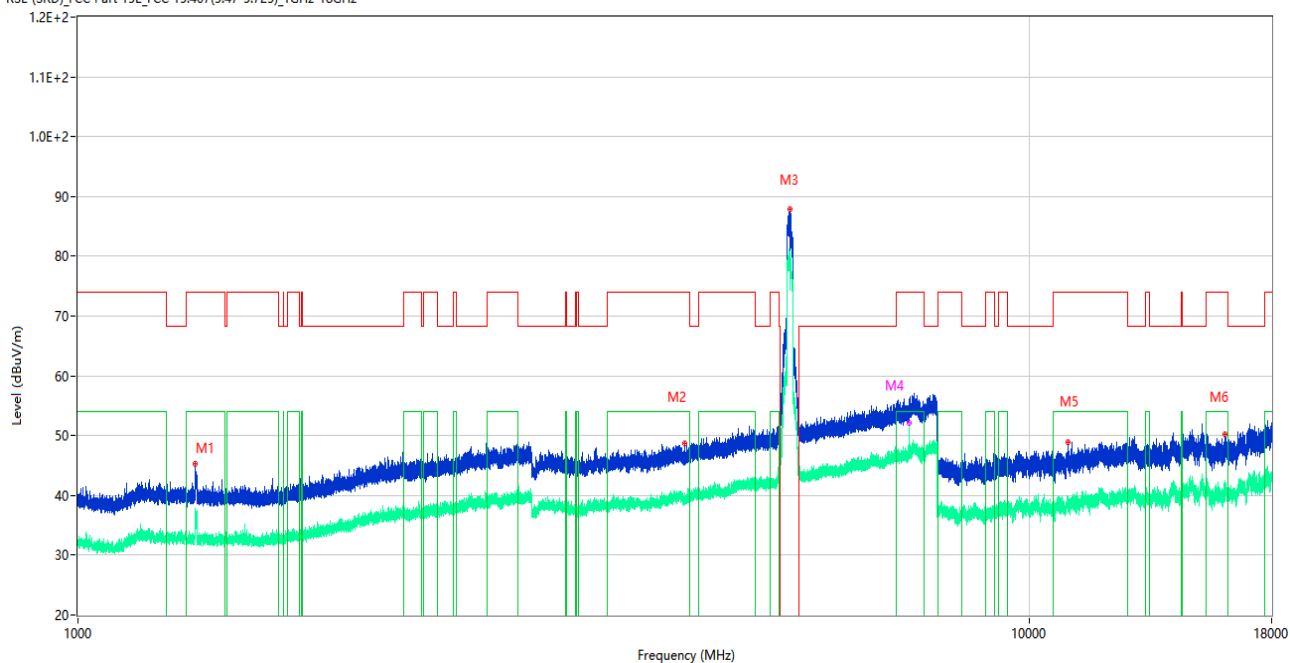
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.800	46.69	74.0	27.31	Peak	158.00	400	Vertical	Pass
1**	1331.800	38.04	54.0	15.96	AV	158.00	400	Vertical	Pass
2	4291.000	48.87	74.0	25.13	Peak	351.00	200	Vertical	Pass
2**	4291.000	39.62	54.0	14.38	AV	351.00	200	Vertical	Pass
3	5521.250	87.94	--	--	Peak	254.00	150	Vertical	N/A
3**	5521.250	80.20	--	--	AV	254.00	150	Vertical	N/A
4	7373.500	56.89	74.0	17.11	Peak	351.00	100	Vertical	Pass
4**	7373.500	52.77	54.0	1.23	AV	351.00	100	Vertical	Pass
5	11864.125	49.27	74.0	24.73	Peak	294.00	200	Vertical	Pass
5**	11864.125	39.81	54.0	14.19	AV	294.00	200	Vertical	Pass
6	15516.488	49.43	74.0	24.57	Peak	296.00	300	Vertical	Pass
6**	15516.488	39.09	54.0	14.91	AV	296.00	300	Vertical	Pass

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

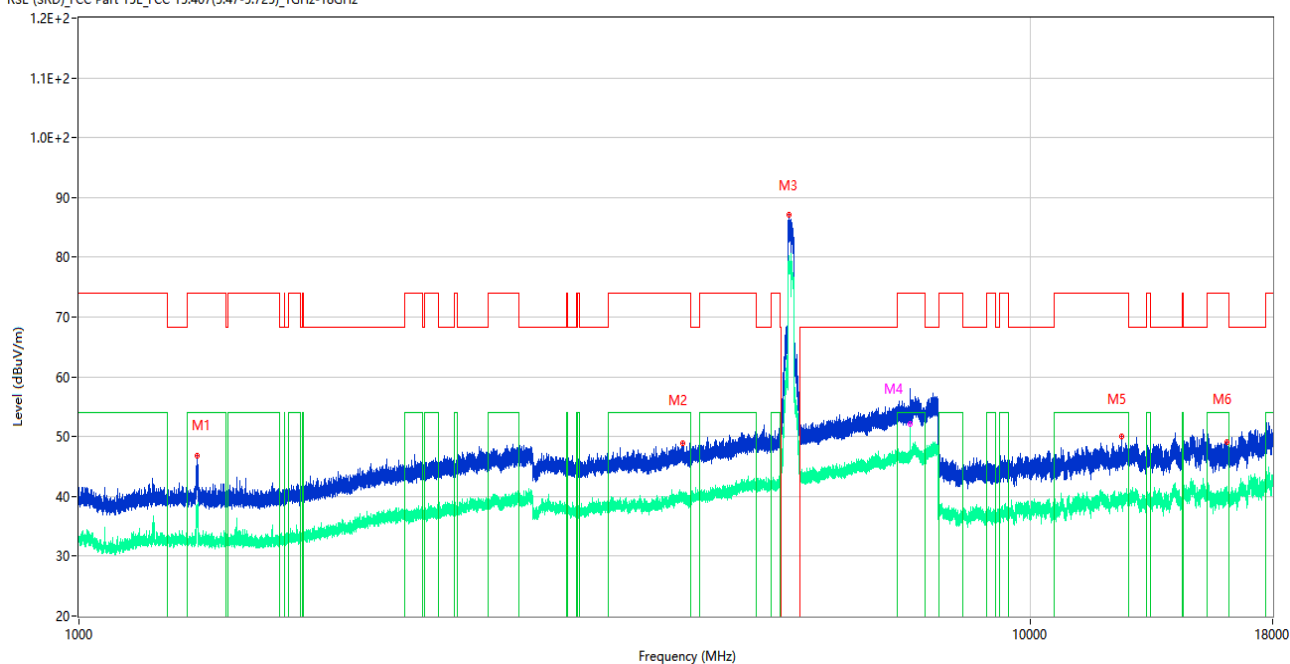
RSE (SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.200	45.32	74.0	28.68	Peak	360.00	300	Horizontal	Pass
1**	1329.200	35.20	54.0	18.80	AV	360.00	300	Horizontal	Pass
2	4348.000	48.77	74.0	25.23	Peak	142.00	200	Horizontal	Pass
2**	4348.000	38.47	54.0	15.53	AV	142.00	200	Horizontal	Pass
3	5601.250	87.87	--	--	Peak	142.00	200	Horizontal	N/A
3**	5601.250	79.49	--	--	AV	142.00	200	Horizontal	N/A
4	7480.000	55.60	74.0	18.40	Peak	70.00	100	Horizontal	Pass
4**	7480.000	52.04	54.0	1.96	AV	70.00	100	Horizontal	Pass
5	10984.901	48.90	74.0	25.10	Peak	132.00	100	Horizontal	Pass
5**	10984.901	38.93	54.0	15.07	AV	132.00	100	Horizontal	Pass
6	16095.300	50.23	74.0	23.77	Peak	106.00	300	Horizontal	Pass
6**	16095.300	40.73	54.0	13.27	AV	106.00	300	Horizontal	Pass

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

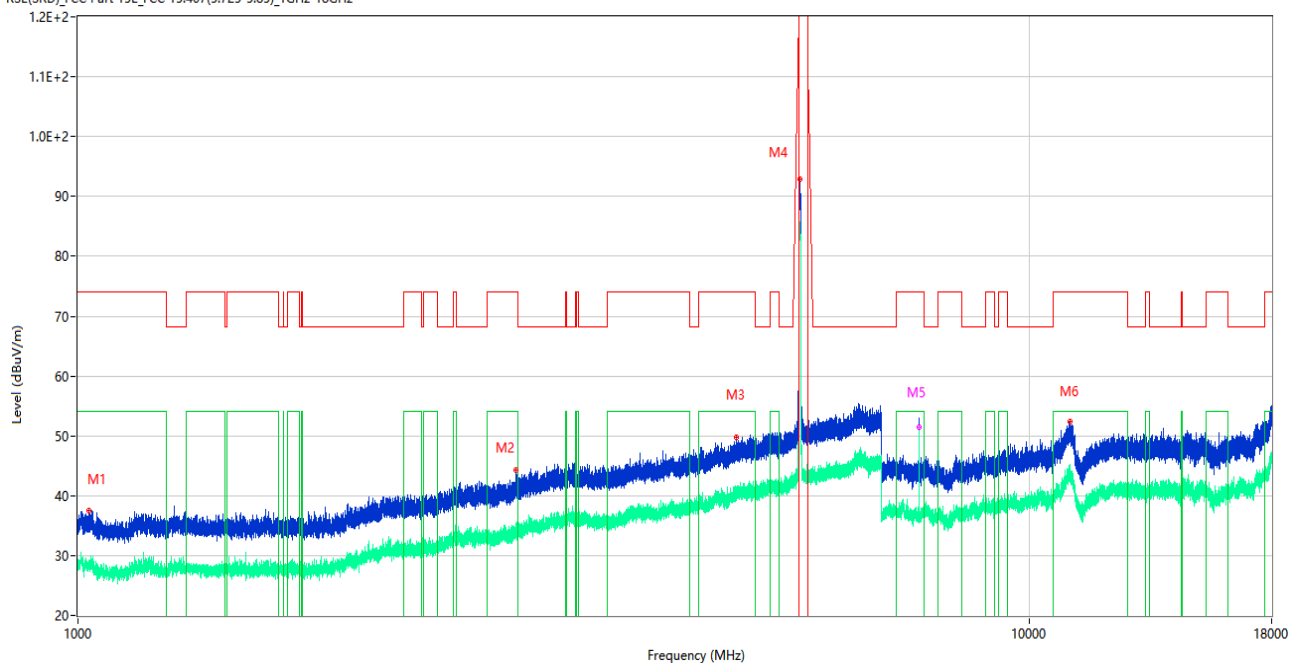
RSE (SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.400	46.90	74.0	27.10	Peak	143.00	200	Vertical	Pass
1**	1330.400	36.49	54.0	17.51	AV	143.00	200	Vertical	Pass
2	4310.250	48.82	74.0	25.18	Peak	190.00	300	Vertical	Pass
2**	4310.250	39.64	54.0	14.36	AV	190.00	300	Vertical	Pass
3	5574.500	87.13	--	--	Peak	246.00	100	Vertical	N/A
3**	5574.500	79.62	--	--	AV	246.00	100	Vertical	N/A
4	7480.250	57.97	74.0	16.03	Peak	358.00	100	Vertical	Pass
4**	7480.250	52.46	54.0	1.54	AV	358.00	100	Vertical	Pass
5	12496.588	50.08	74.0	23.92	Peak	127.00	150	Vertical	Pass
5**	12496.588	38.63	54.0	15.37	AV	127.00	150	Vertical	Pass
6	16100.813	49.06	74.0	24.94	Peak	256.00	200	Vertical	Pass
6**	16100.813	40.24	54.0	13.76	AV	256.00	200	Vertical	Pass

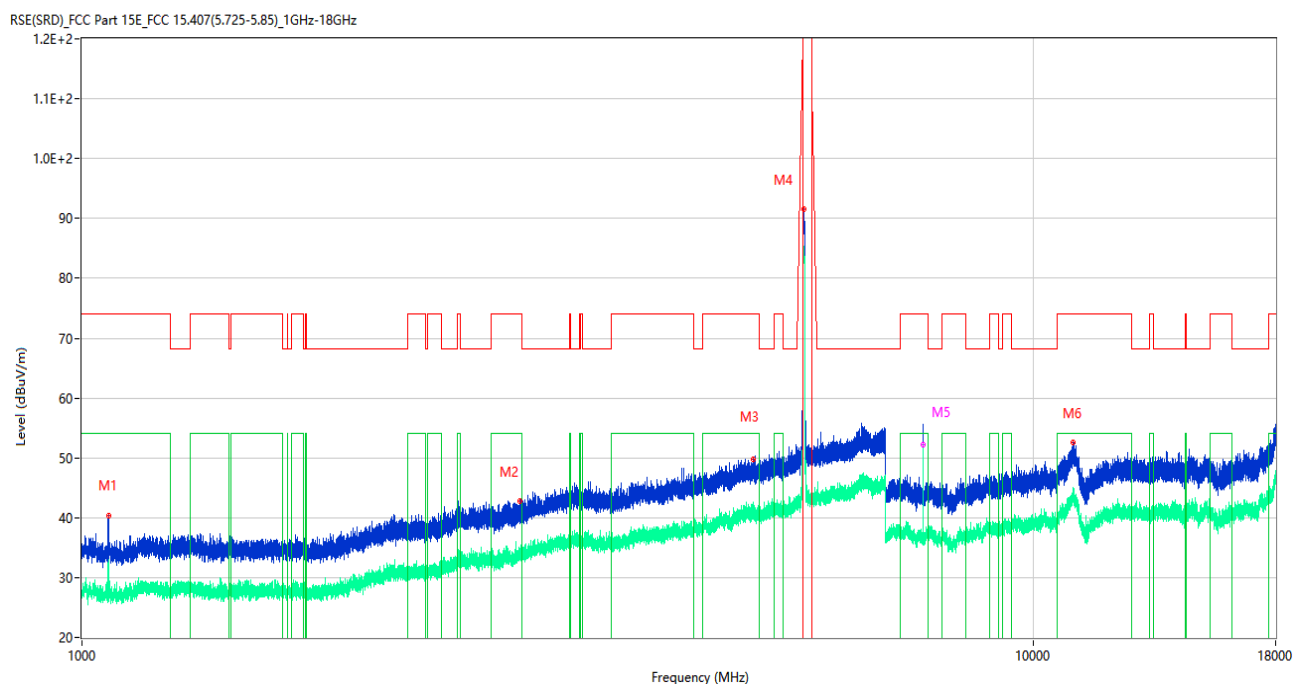
11a, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1027.100	37.60	-18.67	74.0	36.40	Peak	87.00	200	Horizontal	Pass
1**	1027.100	29.02	-18.67	54.0	24.98	AV	87.00	200	Horizontal	Pass
2	2887.600	44.29	-11.22	74.0	29.71	Peak	360.00	300	Horizontal	Pass
2**	2887.600	33.67	-11.22	54.0	20.33	AV	360.00	300	Horizontal	Pass
3	4924.000	49.77	-6.14	74.0	24.23	Peak	135.00	200	Horizontal	Pass
3**	4924.000	39.15	-6.14	54.0	14.85	AV	135.00	200	Horizontal	Pass
4	5746.200	92.86	-3.79	--	--	Peak	159.00	100	Horizontal	N/A
4**	5746.200	84.92	-3.79	--	--	AV	159.00	100	Horizontal	N/A
5	7660.100	52.44	0.39	74.0	21.56	Peak	126.00	100	Horizontal	Pass
5**	7660.100	51.52	0.39	54.0	2.48	AV	126.00	100	Horizontal	Pass
6	11044.838	52.38	8.11	74.0	21.62	Peak	61.00	300	Horizontal	Pass
6**	11044.838	43.60	8.11	54.0	10.40	AV	61.00	300	Horizontal	Pass

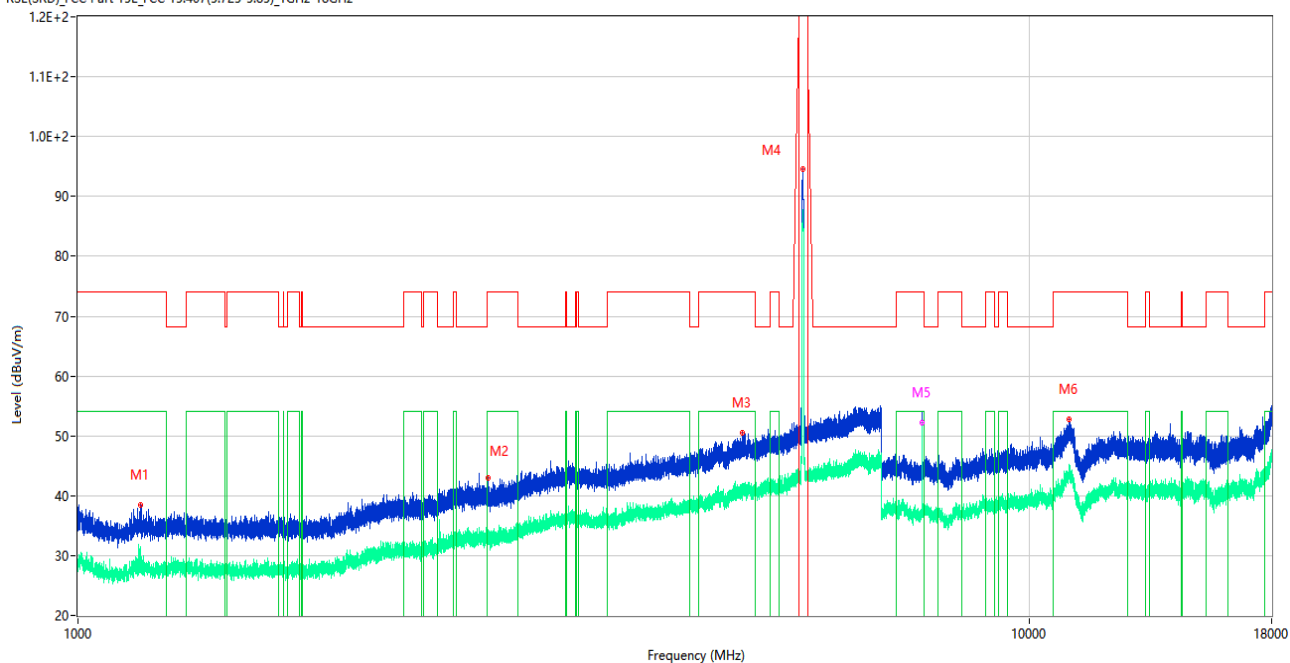
11a, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.900	40.42	-19.57	74.0	33.58	Peak	48.00	400	Vertical	Pass
1**	1066.900	26.44	-19.57	54.0	27.56	AV	48.00	400	Vertical	Pass
2	2885.100	42.77	-11.04	74.0	31.23	Peak	201.00	300	Vertical	Pass
2**	2885.100	34.27	-11.04	54.0	19.73	AV	201.00	300	Vertical	Pass
3	5076.200	49.84	-3.69	74.0	24.16	Peak	0.00	200	Vertical	Pass
3**	5076.200	40.93	-3.69	54.0	13.07	AV	0.00	200	Vertical	Pass
4	5744.000	91.56	-3.33	--	--	Peak	159.00	100	Vertical	N/A
4**	5744.000	84.47	-3.33	--	--	AV	159.00	100	Vertical	N/A
5	7660.100	55.57	0.39	74.0	18.43	Peak	55.00	100	Vertical	Pass
5**	7660.100	52.66	0.39	54.0	1.34	AV	55.00	100	Vertical	Pass
6	11033.338	52.51	7.78	74.0	21.49	Peak	161.00	300	Vertical	Pass
6**	11033.338	44.28	7.78	54.0	9.72	AV	161.00	300	Vertical	Pass

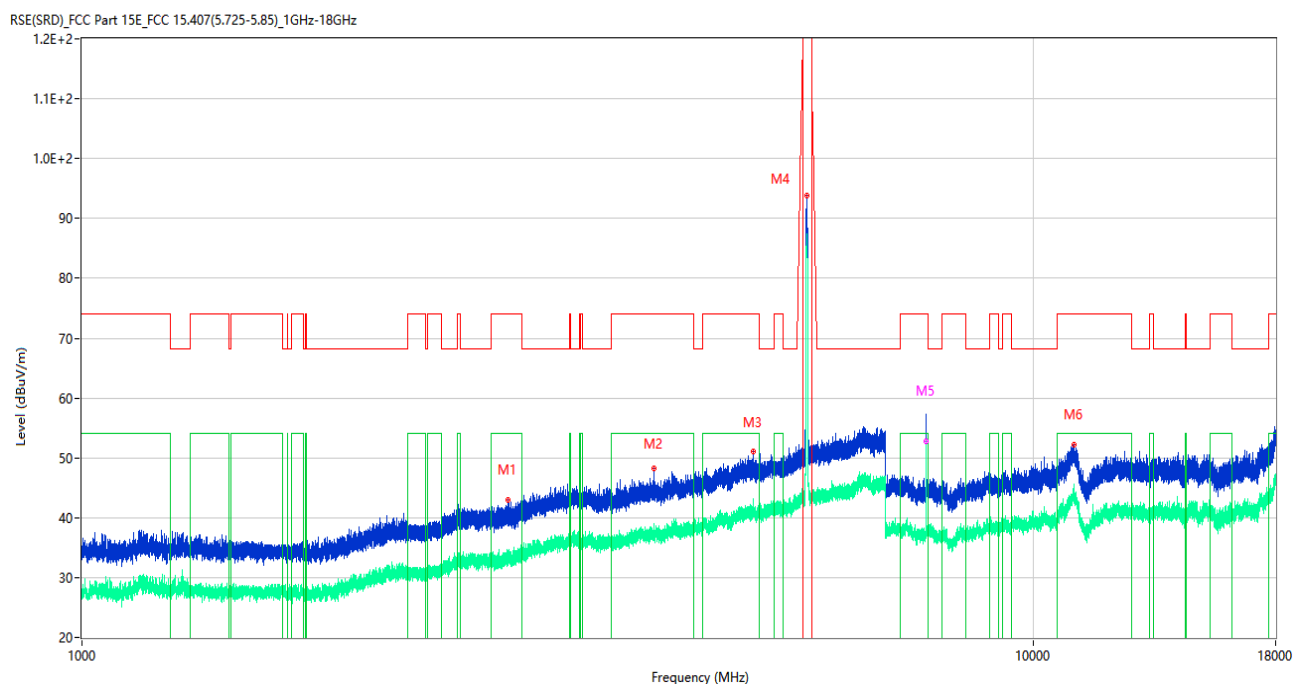
11a, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.300	38.53	-19.65	74.0	35.47	Peak	-3.00	400	Horizontal	Pass
1**	1163.300	29.49	-19.65	54.0	24.51	AV	-3.00	400	Horizontal	Pass
2	2700.700	43.03	-12.54	74.0	30.97	Peak	189.00	200	Horizontal	Pass
2**	2700.700	33.02	-12.54	54.0	20.98	AV	189.00	200	Horizontal	Pass
3	4995.600	50.59	-4.82	74.0	23.41	Peak	0.00	100	Horizontal	Pass
3**	4995.600	40.22	-4.82	54.0	13.78	AV	0.00	100	Horizontal	Pass
4	5786.600	94.63	-2.76	--	--	Peak	185.00	300	Horizontal	N/A
4**	5786.600	86.02	-2.76	--	--	AV	185.00	300	Horizontal	N/A
5	7713.575	52.81	0.42	74.0	21.19	Peak	119.00	150	Horizontal	Pass
5**	7713.575	52.21	0.42	54.0	1.79	AV	119.00	150	Horizontal	Pass
6	11012.924	52.78	7.20	74.0	21.22	Peak	192.00	100	Horizontal	Pass
6**	11012.924	42.91	7.20	54.0	11.09	AV	192.00	100	Horizontal	Pass

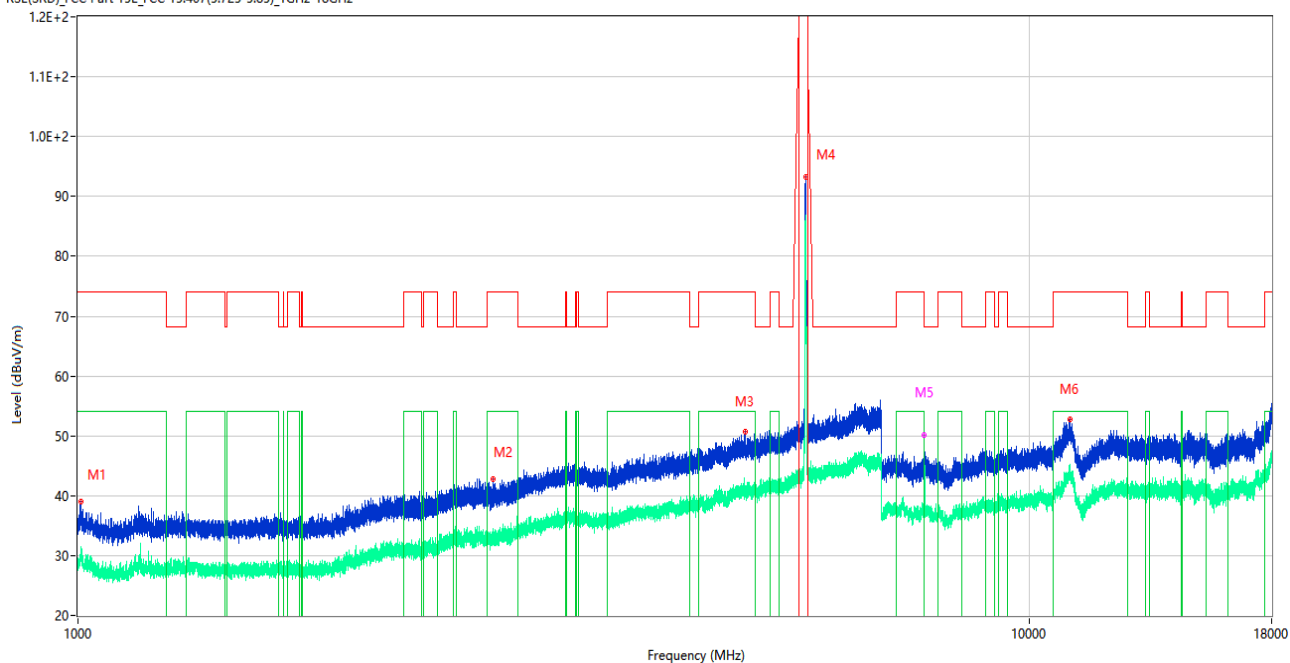
11a, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2804.000	43.02	-11.37	74.0	30.98	Peak	309.00	200	Vertical	Pass
1**	2804.000	34.08	-11.37	54.0	19.92	AV	309.00	200	Vertical	Pass
2	3995.200	48.29	-7.02	74.0	25.71	Peak	120.00	150	Vertical	Pass
2**	3995.200	37.58	-7.02	54.0	16.42	AV	120.00	150	Vertical	Pass
3	5076.400	51.06	-3.78	74.0	22.94	Peak	214.00	200	Vertical	Pass
3**	5076.400	42.68	-3.78	54.0	11.32	AV	214.00	200	Vertical	Pass
4	5785.600	93.90	-2.69	--	--	Peak	167.00	400	Vertical	N/A
4**	5785.600	85.97	-2.69	--	--	AV	167.00	400	Vertical	N/A
5	7713.575	56.44	0.42	74.0	17.56	Peak	58.00	150	Vertical	Pass
5**	7713.575	52.76	0.42	54.0	1.24	AV	58.00	150	Vertical	Pass
6	11038.800	52.25	7.94	74.0	21.75	Peak	264.00	300	Vertical	Pass
6**	11038.800	44.21	7.94	54.0	9.79	AV	264.00	300	Vertical	Pass

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

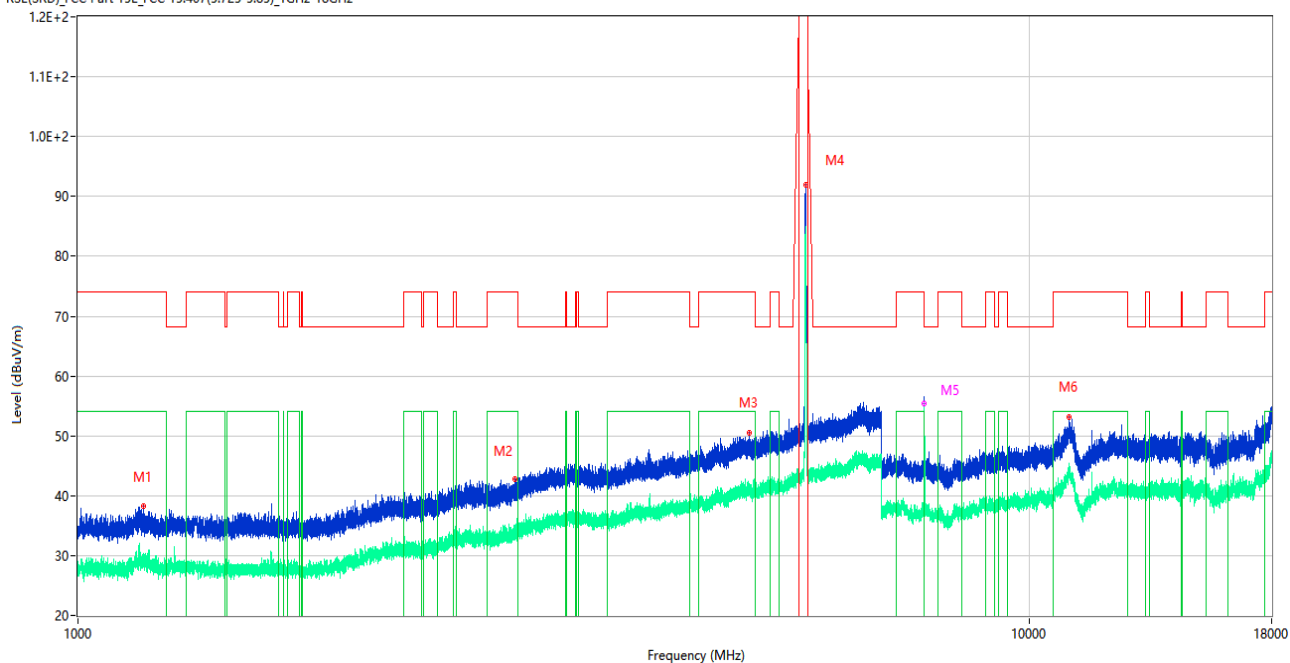
RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1007.900	38.97	-18.73	74.0	35.03	Peak	354.00	300	Horizontal	Pass
1**	1007.900	30.15	-18.73	54.0	23.85	AV	354.00	300	Horizontal	Pass
2	2729.200	42.70	-12.99	74.0	31.30	Peak	158.00	400	Horizontal	Pass
2**	2729.200	32.83	-12.99	54.0	21.17	AV	158.00	400	Horizontal	Pass
3	5026.600	50.73	-5.18	74.0	23.27	Peak	0.00	100	Horizontal	Pass
3**	5026.600	40.07	-5.18	54.0	13.93	AV	0.00	100	Horizontal	Pass
4	5823.800	93.25	-2.93	--	--	Peak	180.00	300	Horizontal	N/A
4**	5823.800	85.81	-2.93	--	--	AV	180.00	300	Horizontal	N/A
5	7766.762	52.08	0.32	68.2	16.12	Peak	76.00	150	Horizontal	Pass
5**	7766.762	50.22	0.32	--	--	AV	76.00	150	Horizontal	N/A
6	11035.924	52.82	7.86	74.0	21.18	Peak	117.00	200	Horizontal	Pass
6**	11035.924	43.95	7.86	54.0	10.05	AV	117.00	200	Horizontal	Pass

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

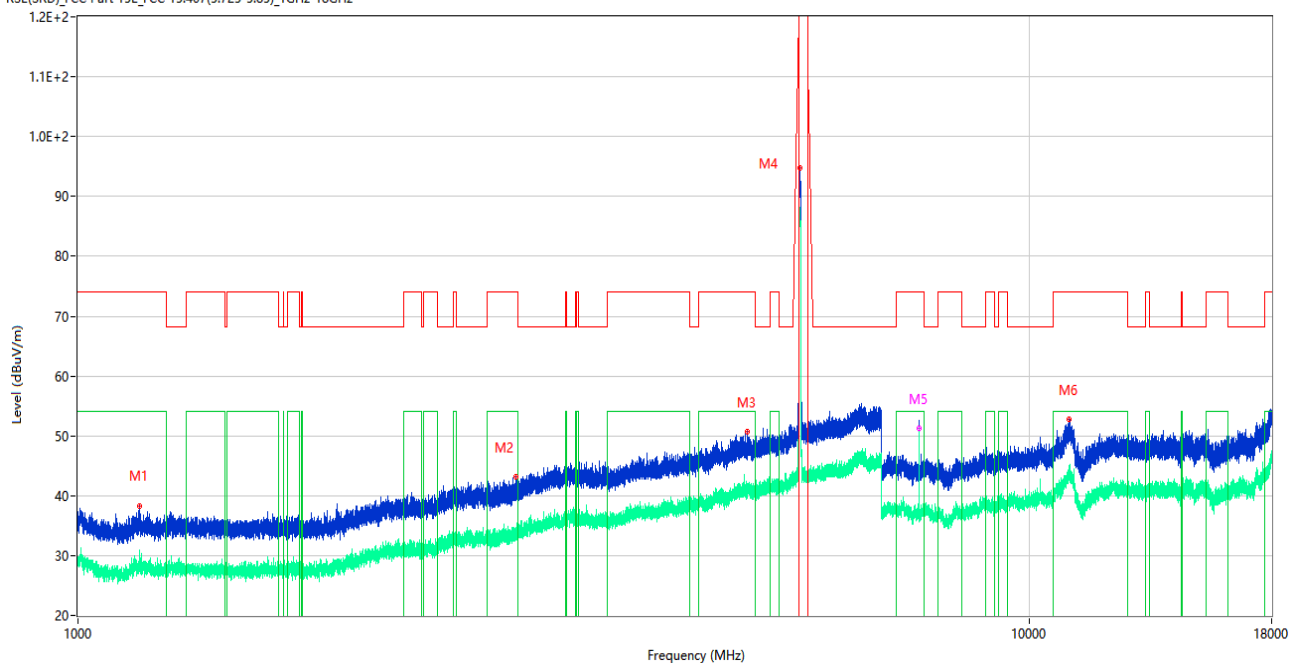
RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1171.500	38.21	-18.94	74.0	35.79	Peak	103.00	100	Vertical	Pass
1**	1171.500	30.04	-18.94	54.0	23.96	AV	103.00	100	Vertical	Pass
2	2877.600	42.86	-11.88	74.0	31.14	Peak	-3.00	200	Vertical	Pass
2**	2877.600	33.34	-11.88	54.0	20.66	AV	-3.00	200	Vertical	Pass
3	5079.600	50.52	-4.01	74.0	23.48	Peak	349.00	150	Vertical	Pass
3**	5079.600	41.98	-4.01	54.0	12.02	AV	349.00	150	Vertical	Pass
4	5823.400	91.88	-2.99	--	--	Peak	177.00	100	Vertical	N/A
4**	5823.400	84.02	-2.99	--	--	AV	177.00	100	Vertical	N/A
5	7766.762	56.55	0.32	68.2	11.65	Peak	58.00	150	Vertical	Pass
5**	7766.762	55.43	0.32	--	--	AV	58.00	150	Vertical	N/A
6	11024.713	53.23	7.54	74.0	20.77	Peak	61.00	200	Vertical	Pass
6**	11024.713	43.57	7.54	54.0	10.43	AV	61.00	200	Vertical	Pass

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

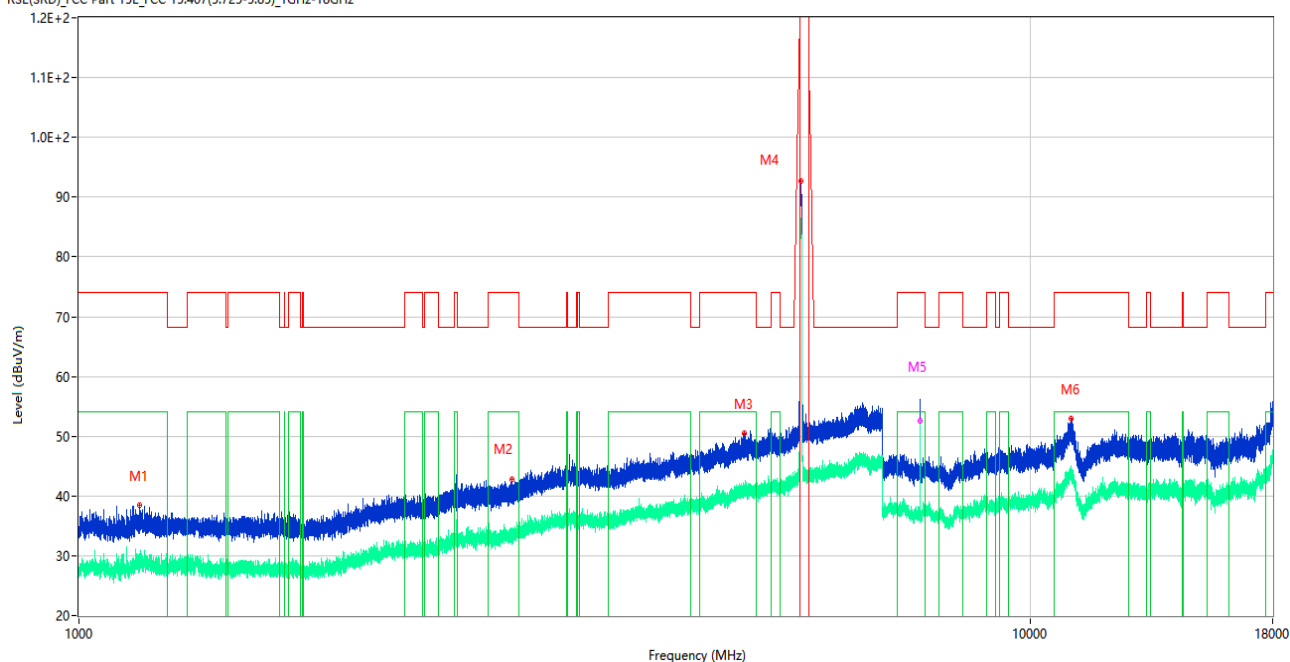
RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.400	38.29	-18.84	74.0	35.71	Peak	355.00	200	Horizontal	Pass
1**	1159.400	29.85	-18.84	54.0	24.15	AV	355.00	200	Horizontal	Pass
2	2884.800	43.18	-11.04	74.0	30.82	Peak	33.00	400	Horizontal	Pass
2**	2884.800	34.50	-11.04	54.0	19.50	AV	33.00	400	Horizontal	Pass
3	5061.600	50.63	-4.01	74.0	23.37	Peak	259.00	150	Horizontal	Pass
3**	5061.600	41.27	-4.01	54.0	12.73	AV	259.00	150	Horizontal	Pass
4	5743.600	94.84	-3.51	--	--	Peak	187.00	300	Horizontal	N/A
4**	5743.600	86.63	-3.51	--	--	AV	187.00	300	Horizontal	N/A
5	7660.100	52.51	0.39	74.0	21.49	Peak	119.00	150	Horizontal	Pass
5**	7660.100	51.23	0.39	54.0	2.77	AV	119.00	150	Horizontal	Pass
6	11023.275	52.74	7.50	74.0	21.26	Peak	110.00	300	Horizontal	Pass
6**	11023.275	43.67	7.50	54.0	10.33	AV	110.00	300	Horizontal	Pass

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

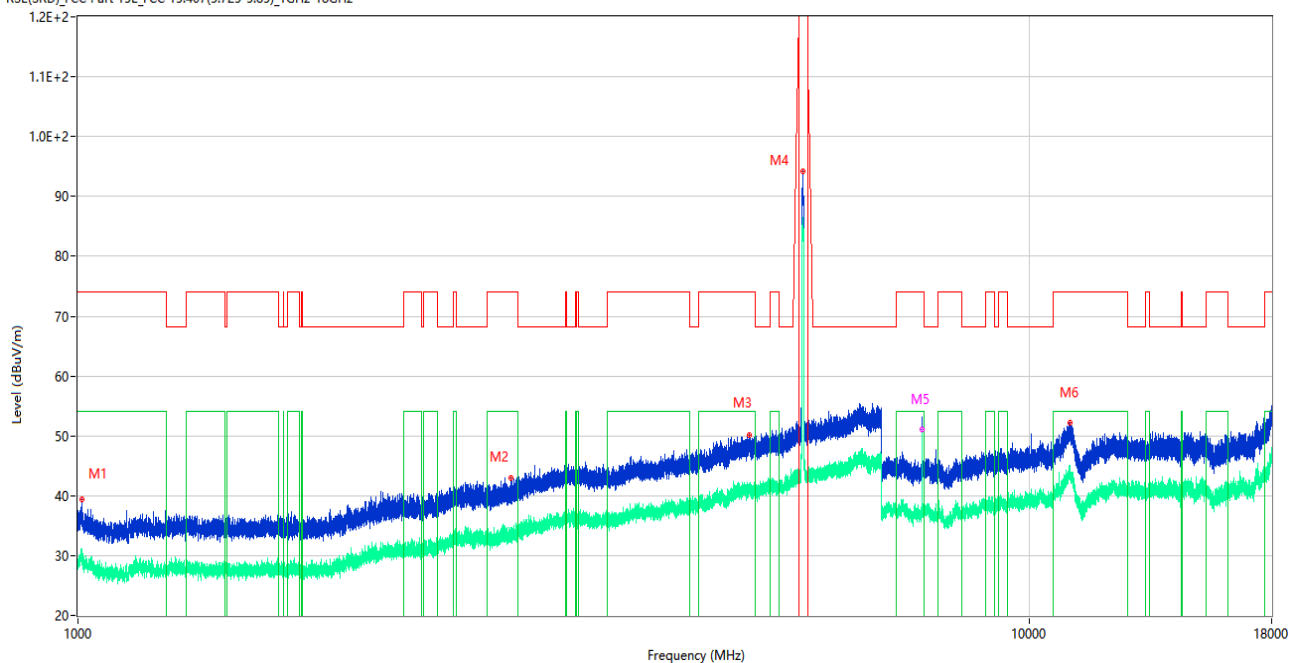
RSE(SRD)_FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1158.200	38.37	-19.63	74.0	35.63	Peak	109.00	200	Vertical	Pass
1**	1158.200	27.84	-19.63	54.0	26.16	AV	109.00	200	Vertical	Pass
2	2852.300	42.70	-11.75	74.0	31.30	Peak	133.00	400	Vertical	Pass
2**	2852.300	34.01	-11.75	54.0	19.99	AV	133.00	400	Vertical	Pass
3	5005.800	50.44	-4.61	74.0	23.56	Peak	0.00	150	Vertical	Pass
3**	5005.800	41.25	-4.61	54.0	12.75	AV	0.00	150	Vertical	Pass
4	5743.200	92.64	-3.45	--	--	Peak	166.00	200	Vertical	N/A
4**	5743.200	85.03	-3.45	--	--	AV	166.00	200	Vertical	N/A
5	7660.100	56.21	0.39	74.0	17.79	Peak	54.00	150	Vertical	Pass
5**	7660.100	52.81	0.39	54.0	1.19	AV	54.00	150	Vertical	Pass
6	11044.550	52.90	8.10	74.0	21.10	Peak	99.00	100	Vertical	Pass
6**	11044.550	43.99	8.10	54.0	10.01	AV	99.00	100	Vertical	Pass

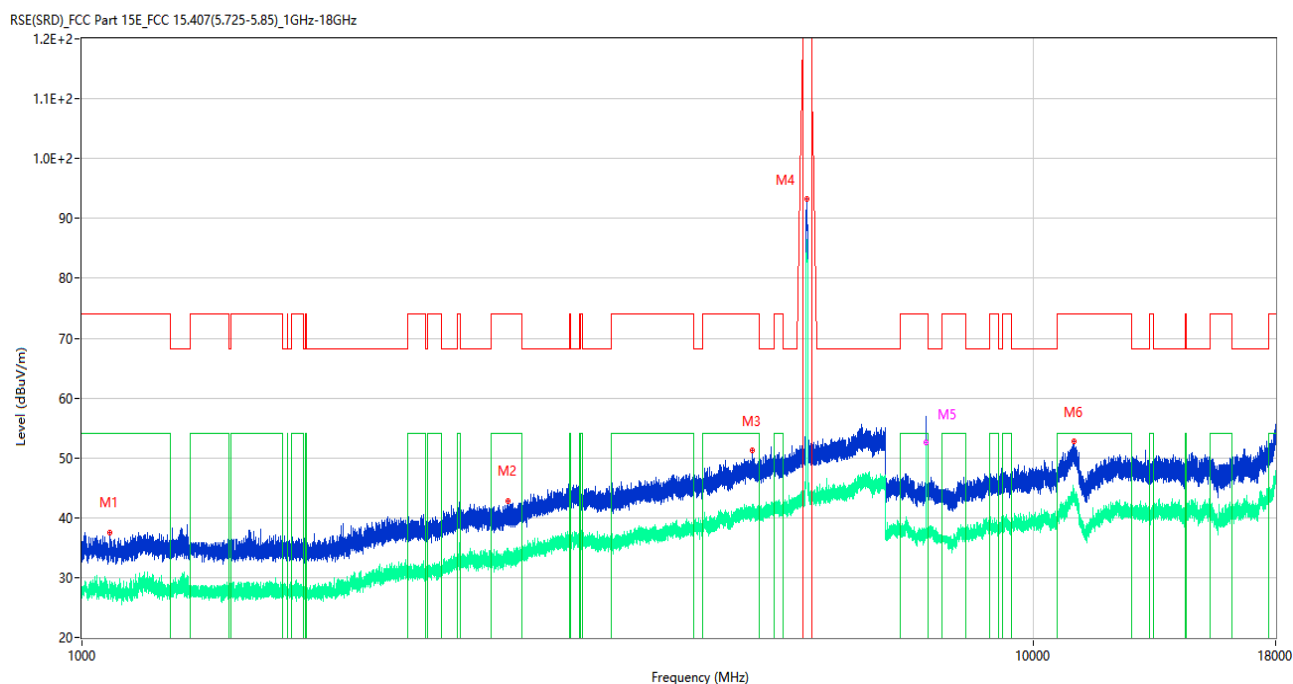
11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1009.000	39.46	-19.20	74.0	34.54	Peak	344.00	100	Horizontal	Pass
1**	1009.000	29.49	-19.20	54.0	24.51	AV	344.00	100	Horizontal	Pass
2	2854.100	42.95	-11.94	74.0	31.05	Peak	2.00	400	Horizontal	Pass
2**	2854.100	33.76	-11.94	54.0	20.24	AV	2.00	400	Horizontal	Pass
3	5079.400	50.10	-3.98	74.0	23.90	Peak	0.00	150	Horizontal	Pass
3**	5079.400	41.37	-3.98	54.0	12.63	AV	0.00	150	Horizontal	Pass
4	5783.400	94.17	-2.71	--	--	Peak	180.00	200	Horizontal	N/A
4**	5783.400	85.28	-2.71	--	--	AV	180.00	200	Horizontal	N/A
5	7713.575	51.67	0.42	74.0	22.33	Peak	120.00	150	Horizontal	Pass
5**	7713.575	51.13	0.42	54.0	2.87	AV	120.00	150	Horizontal	Pass
6	11058.638	52.24	8.05	74.0	21.76	Peak	269.00	200	Horizontal	Pass
6**	11058.638	43.36	8.05	54.0	10.64	AV	269.00	200	Horizontal	Pass

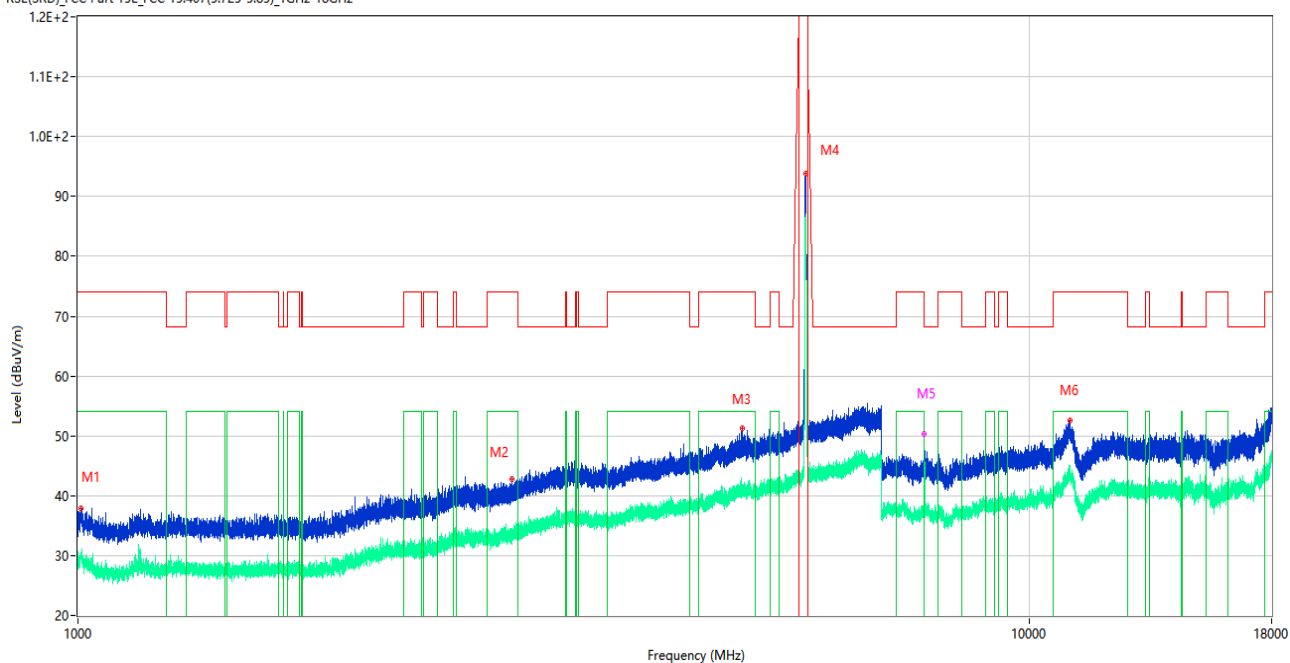
11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1070.100	37.56	-18.98	74.0	36.44	Peak	85.00	100	Vertical	Pass
1**	1070.100	27.55	-18.98	54.0	26.45	AV	85.00	100	Vertical	Pass
2	2803.800	42.88	-11.47	74.0	31.12	Peak	275.00	300	Vertical	Pass
2**	2803.800	34.59	-11.47	54.0	19.41	AV	275.00	300	Vertical	Pass
3	5074.800	51.20	-4.00	74.0	22.80	Peak	-2.00	100	Vertical	Pass
3**	5074.800	42.29	-4.00	54.0	11.71	AV	-2.00	100	Vertical	Pass
4	5786.400	93.23	-2.69	--	--	Peak	154.00	200	Vertical	N/A
4**	5786.400	86.48	-2.69	--	--	AV	154.00	200	Vertical	N/A
5	7713.288	56.78	0.42	74.0	17.22	Peak	56.00	150	Vertical	Pass
5**	7713.288	52.59	0.42	54.0	1.41	AV	56.00	150	Vertical	Pass
6	11043.112	52.71	8.06	74.0	21.29	Peak	244.00	200	Vertical	Pass
6**	11043.112	44.12	8.06	54.0	9.88	AV	244.00	200	Vertical	Pass

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

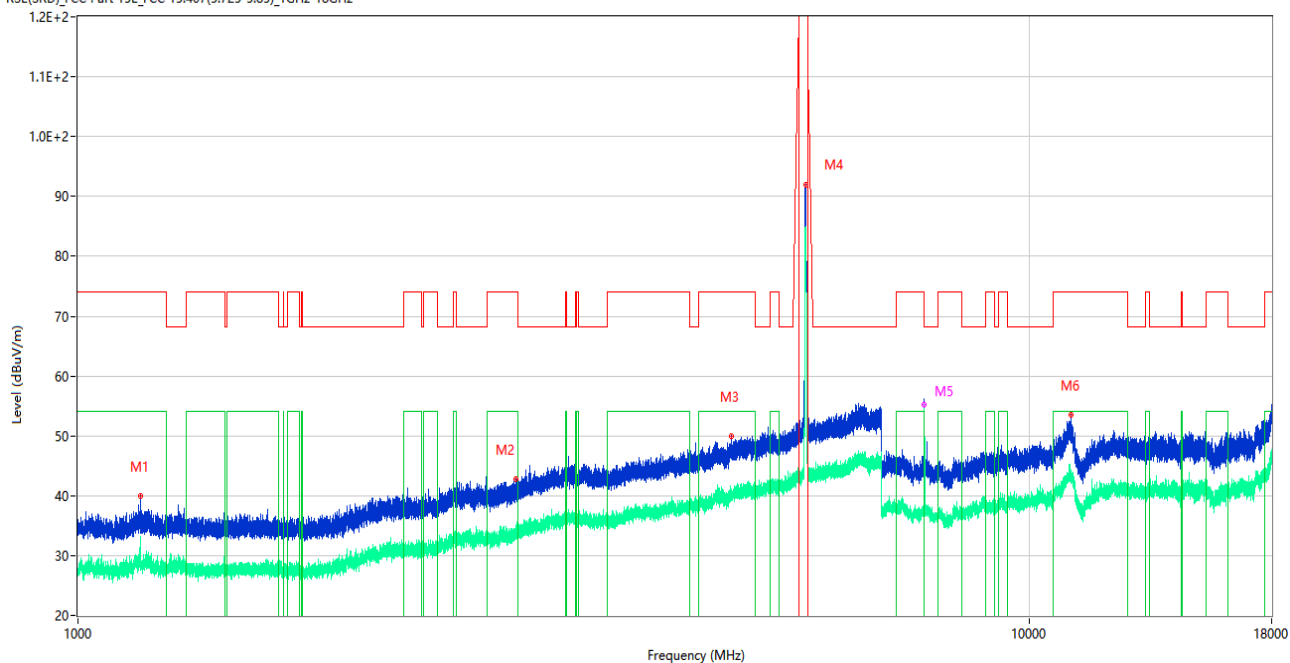
RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1006.500	37.98	-18.71	74.0	36.02	Peak	344.00	400	Horizontal	Pass
1**	1006.500	30.13	-18.71	54.0	23.87	AV	344.00	400	Horizontal	Pass
2	2859.600	42.78	-11.70	74.0	31.22	Peak	332.00	400	Horizontal	Pass
2**	2859.600	33.58	-11.70	54.0	20.42	AV	332.00	400	Horizontal	Pass
3	4996.600	51.21	-4.58	74.0	22.79	Peak	237.00	200	Horizontal	Pass
3**	4996.600	40.65	-4.58	54.0	13.35	AV	237.00	200	Horizontal	Pass
4	5821.200	93.90	-2.97	--	--	Peak	188.00	300	Horizontal	N/A
4**	5821.200	85.39	-2.97	--	--	AV	188.00	300	Horizontal	N/A
5	7766.762	52.02	0.32	68.2	16.18	Peak	118.00	150	Horizontal	Pass
5**	7766.762	50.40	0.32	--	--	AV	118.00	150	Horizontal	N/A
6	11036.500	52.64	7.87	74.0	21.36	Peak	254.00	300	Horizontal	Pass
6**	11036.500	43.85	7.87	54.0	10.15	AV	254.00	300	Horizontal	Pass

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

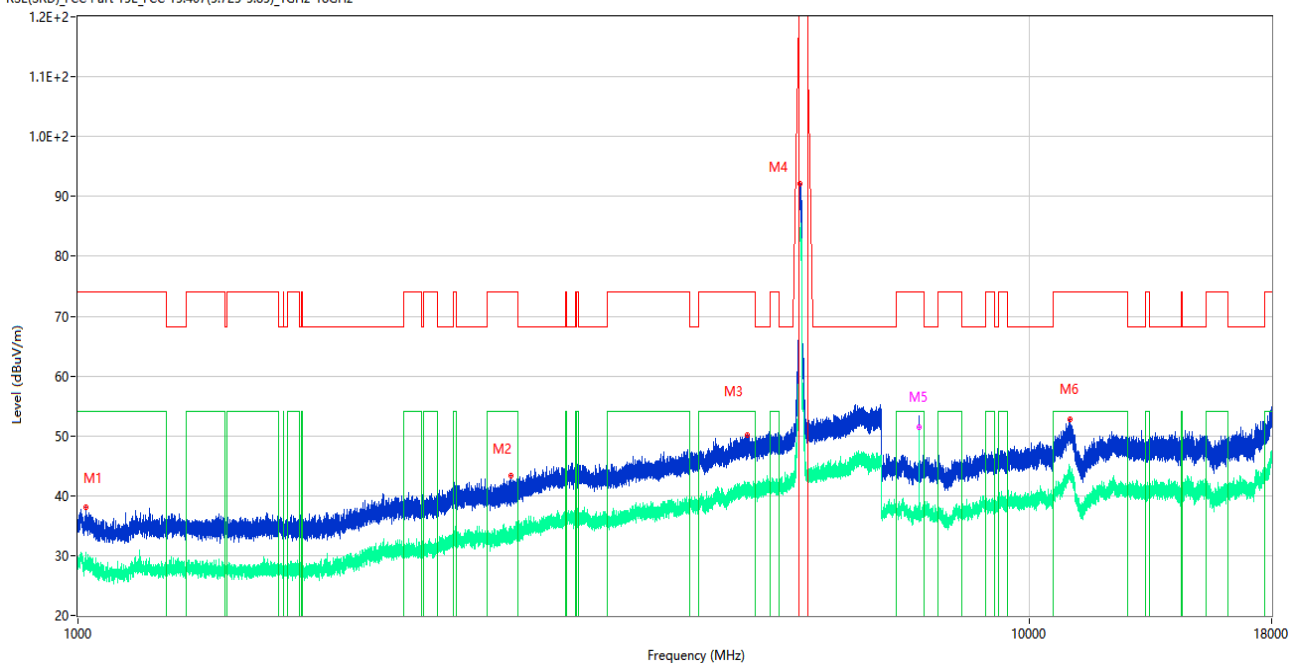
RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1164.100	39.90	-19.47	74.0	34.10	Peak	122.00	300	Vertical	Pass
1**	1164.100	28.95	-19.47	54.0	25.05	AV	122.00	300	Vertical	Pass
2	2887.000	42.78	-11.55	74.0	31.22	Peak	255.00	300	Vertical	Pass
2**	2887.000	33.23	-11.55	54.0	20.77	AV	255.00	300	Vertical	Pass
3	4862.000	49.92	-5.52	74.0	24.08	Peak	239.00	100	Vertical	Pass
3**	4862.000	39.97	-5.52	54.0	14.03	AV	239.00	100	Vertical	Pass
4	5822.800	91.96	-3.31	--	--	Peak	159.00	400	Vertical	N/A
4**	5822.800	84.49	-3.31	--	--	AV	159.00	400	Vertical	N/A
5	7766.762	56.12	0.32	68.2	12.08	Peak	57.00	150	Vertical	Pass
5**	7766.762	55.25	0.32	--	--	AV	57.00	150	Vertical	N/A
6	11063.812	53.45	7.93	74.0	20.55	Peak	317.00	100	Vertical	Pass
6**	11063.812	43.20	7.93	54.0	10.80	AV	317.00	100	Vertical	Pass

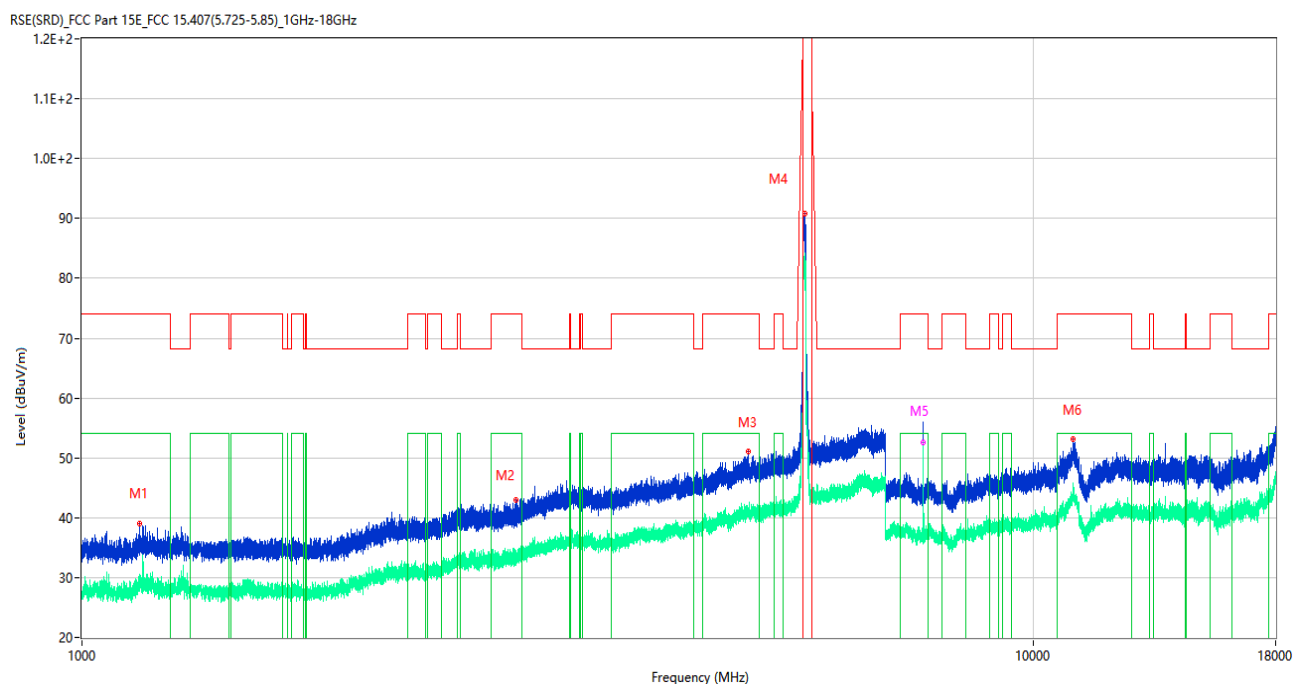
11n40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1019.200	38.05	-18.40	74.0	35.95	Peak	31.00	100	Horizontal	Pass
1**	1019.200	30.58	-18.40	54.0	23.42	AV	31.00	100	Horizontal	Pass
2	2853.300	43.26	-12.15	74.0	30.74	Peak	244.00	400	Horizontal	Pass
2**	2853.300	33.32	-12.15	54.0	20.68	AV	244.00	400	Horizontal	Pass
3	5059.200	50.19	-4.27	74.0	23.81	Peak	79.00	100	Horizontal	Pass
3**	5059.200	40.72	-4.27	54.0	13.28	AV	79.00	100	Horizontal	Pass
4	5750.800	92.17	-3.53	--	--	Peak	183.00	300	Horizontal	N/A
4**	5750.800	84.70	-3.53	--	--	AV	183.00	300	Horizontal	N/A
5	7673.612	50.94	0.41	74.0	23.06	Peak	117.00	150	Horizontal	Pass
5**	7673.612	51.46	0.41	54.0	2.54	AV	117.00	150	Horizontal	Pass
6	11042.825	52.80	8.05	74.0	21.20	Peak	360.00	400	Horizontal	Pass
6**	11042.825	44.36	8.05	54.0	9.64	AV	360.00	400	Horizontal	Pass

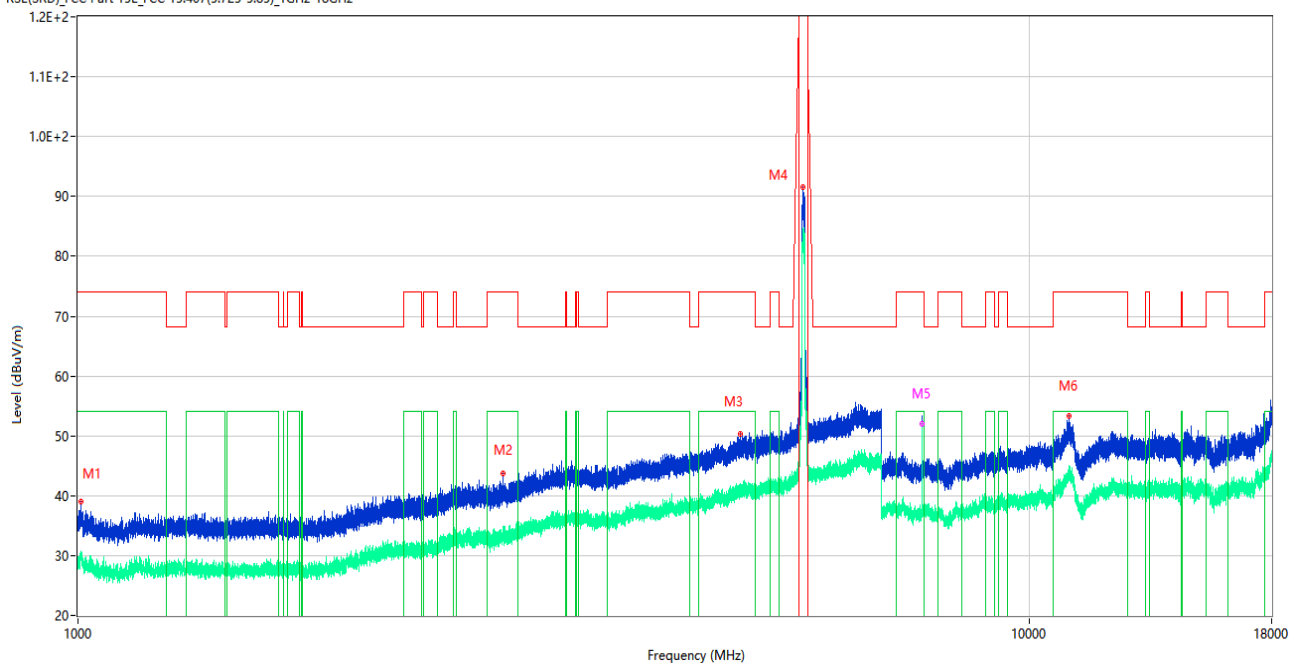
11n40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1148.600	39.02	-18.79	74.0	34.98	Peak	118.00	400	Vertical	Pass
1**	1148.600	29.65	-18.79	54.0	24.35	AV	118.00	400	Vertical	Pass
2	2859.700	43.03	-11.67	74.0	30.97	Peak	22.00	300	Vertical	Pass
2**	2859.700	34.04	-11.67	54.0	19.96	AV	22.00	300	Vertical	Pass
3	5024.000	51.06	-4.26	74.0	22.94	Peak	131.00	200	Vertical	Pass
3**	5024.000	41.08	-4.26	54.0	12.92	AV	131.00	200	Vertical	Pass
4	5759.600	90.80	-3.53	--	--	Peak	164.00	100	Vertical	N/A
4**	5759.600	82.92	-3.53	--	--	AV	164.00	100	Vertical	N/A
5	7673.612	55.13	0.41	74.0	18.87	Peak	57.00	150	Vertical	Pass
5**	7673.612	52.74	0.41	54.0	1.26	AV	57.00	150	Vertical	Pass
6	11032.762	53.13	7.77	74.0	20.87	Peak	137.00	400	Vertical	Pass
6**	11032.762	44.20	7.77	54.0	9.80	AV	137.00	400	Vertical	Pass

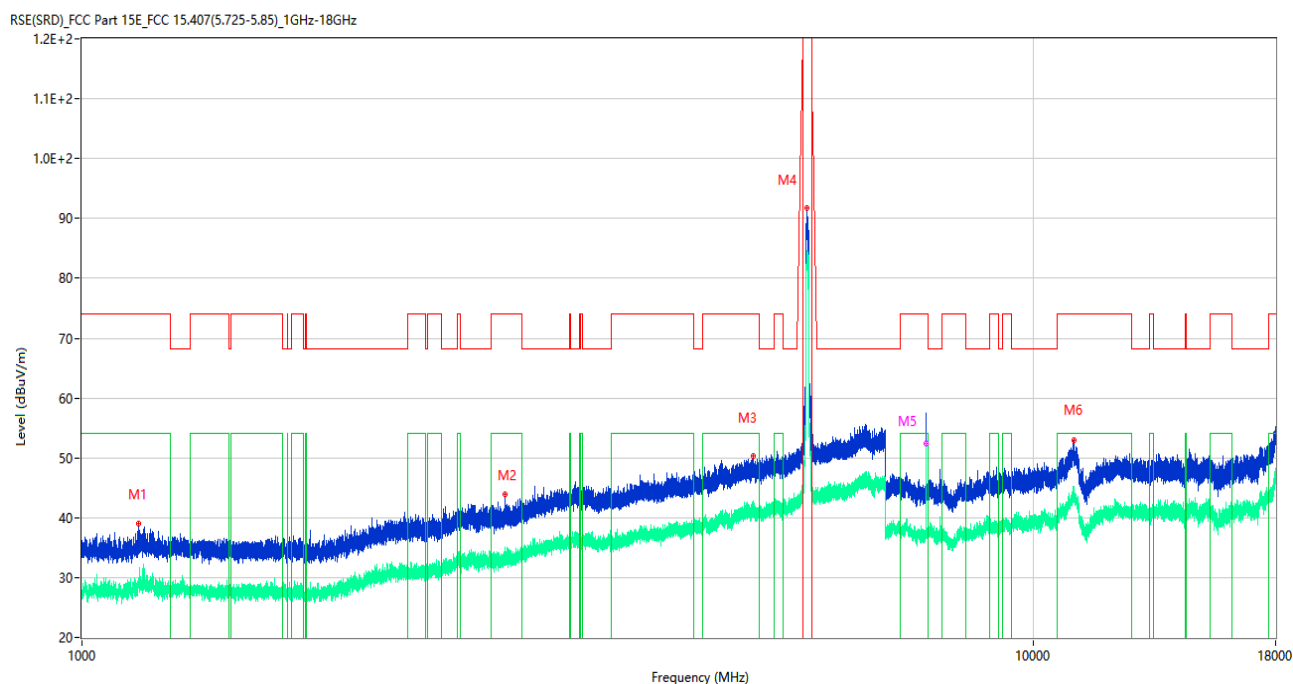
11n40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1006.600	38.93	-18.73	74.0	35.07	Peak	361.00	400	Horizontal	Pass
1**	1006.600	30.82	-18.73	54.0	23.18	AV	361.00	400	Horizontal	Pass
2	2796.100	43.75	-11.69	74.0	30.25	Peak	309.00	300	Horizontal	Pass
2**	2796.100	33.54	-11.69	54.0	20.46	AV	309.00	300	Horizontal	Pass
3	4977.800	50.28	-4.61	74.0	23.72	Peak	29.00	150	Horizontal	Pass
3**	4977.800	41.20	-4.61	54.0	12.80	AV	29.00	150	Horizontal	Pass
4	5791.200	91.55	-2.44	--	--	Peak	200.00	300	Horizontal	N/A
4**	5791.200	84.25	-2.44	--	--	AV	200.00	300	Horizontal	N/A
5	7726.800	52.78	0.38	74.0	21.22	Peak	117.00	150	Horizontal	Pass
5**	7726.800	52.04	0.38	54.0	1.96	AV	117.00	150	Horizontal	Pass
6	11020.687	53.36	7.42	74.0	20.64	Peak	193.00	100	Horizontal	Pass
6**	11020.687	43.72	7.42	54.0	10.28	AV	193.00	100	Horizontal	Pass

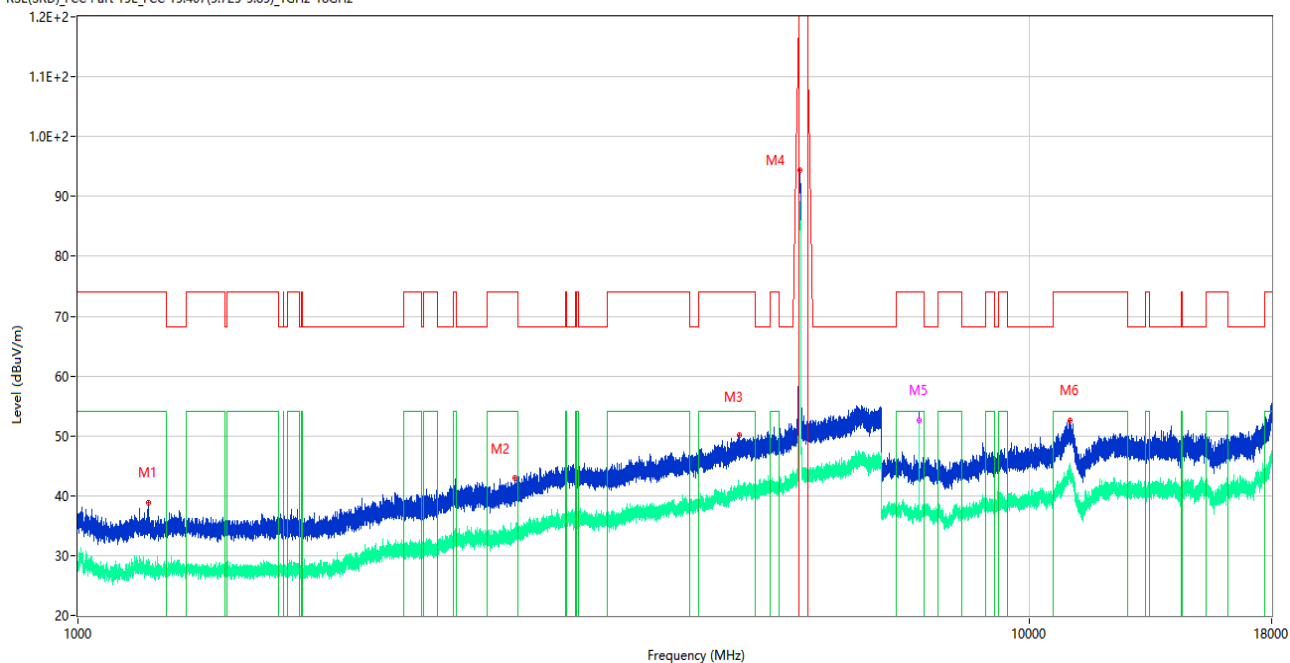
11n40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1146.100	38.98	-18.88	74.0	35.02	Peak	117.00	300	Vertical	Pass
1**	1146.100	29.38	-18.88	54.0	24.62	AV	117.00	300	Vertical	Pass
2	2787.800	43.85	-12.15	74.0	30.15	Peak	176.00	100	Vertical	Pass
2**	2787.800	33.31	-12.15	54.0	20.69	AV	176.00	100	Vertical	Pass
3	5075.800	50.27	-3.85	74.0	23.73	Peak	11.00	150	Vertical	Pass
3**	5075.800	40.96	-3.85	54.0	13.04	AV	11.00	150	Vertical	Pass
4	5789.200	91.68	-2.69	--	--	Peak	150.00	300	Vertical	N/A
4**	5789.200	83.51	-2.69	--	--	AV	150.00	300	Vertical	N/A
5	7726.800	57.49	0.38	74.0	16.51	Peak	58.00	150	Vertical	Pass
5**	7726.800	52.97	0.38	54.0	1.03	AV	58.00	150	Vertical	Pass
6	11044.263	52.98	8.10	74.0	21.02	Peak	153.00	200	Vertical	Pass
6**	11044.263	43.90	8.10	54.0	10.10	AV	153.00	200	Vertical	Pass

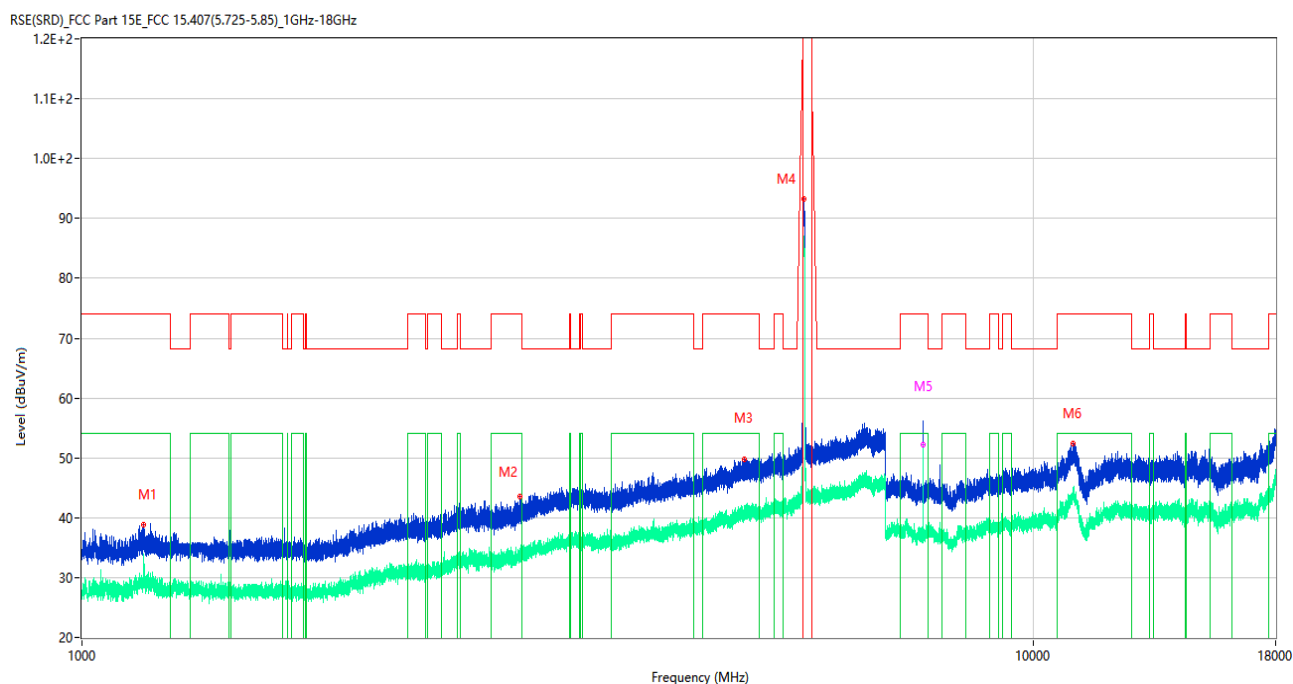
11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1184.900	38.85	-18.76	74.0	35.15	Peak	318.00	100	Horizontal	Pass
1**	1184.900	28.34	-18.76	54.0	25.66	AV	318.00	100	Horizontal	Pass
2	2878.900	43.05	-11.82	74.0	30.95	Peak	271.00	200	Horizontal	Pass
2**	2878.900	32.90	-11.82	54.0	21.10	AV	271.00	200	Horizontal	Pass
3	4959.400	50.04	-4.66	74.0	23.96	Peak	213.00	150	Horizontal	Pass
3**	4959.400	41.05	-4.66	54.0	12.95	AV	213.00	150	Horizontal	Pass
4	5743.600	94.46	-3.51	--	--	Peak	179.00	400	Horizontal	N/A
4**	5743.600	89.19	-3.51	--	--	AV	179.00	400	Horizontal	N/A
5	7660.100	53.54	0.39	74.0	20.46	Peak	119.00	150	Horizontal	Pass
5**	7660.100	52.58	0.39	54.0	1.42	AV	119.00	150	Horizontal	Pass
6	11042.825	52.66	8.05	74.0	21.34	Peak	322.00	200	Horizontal	Pass
6**	11042.825	44.18	8.05	54.0	9.82	AV	322.00	200	Horizontal	Pass

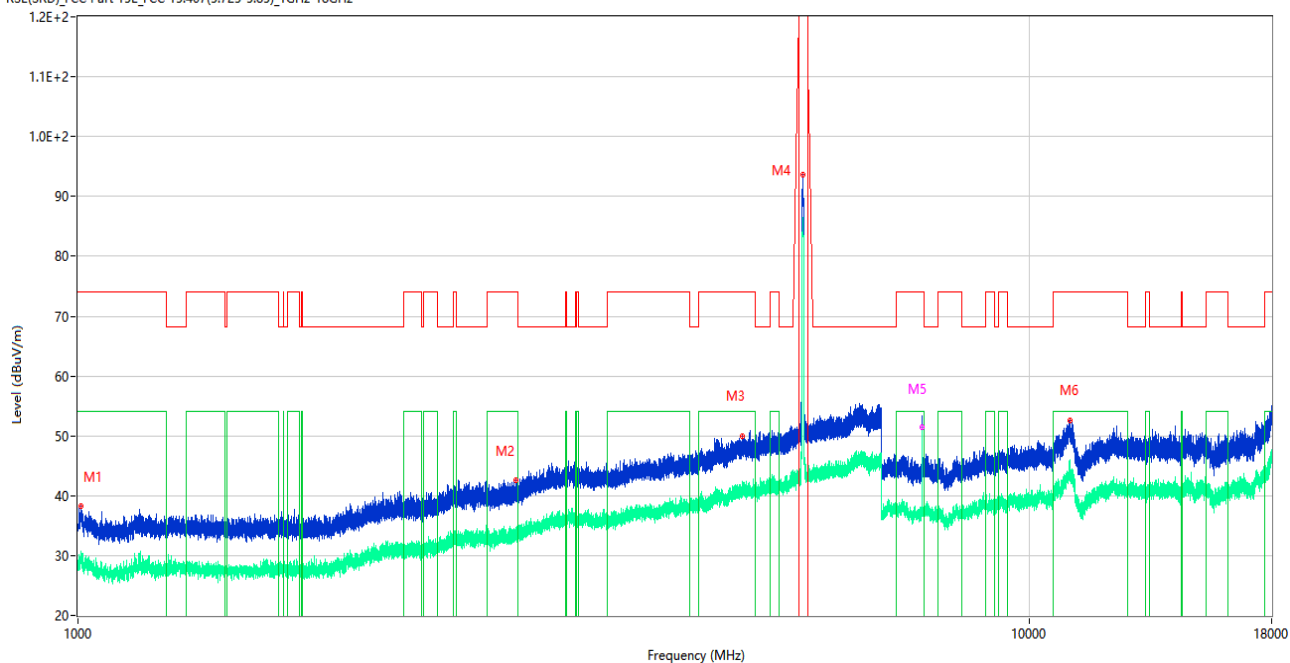
11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.900	38.88	-19.11	74.0	35.12	Peak	118.00	150	Vertical	Pass
1**	1159.900	29.52	-19.11	54.0	24.48	AV	118.00	150	Vertical	Pass
2	2889.600	43.62	-10.68	74.0	30.38	Peak	344.00	200	Vertical	Pass
2**	2889.600	33.84	-10.68	54.0	20.16	AV	344.00	200	Vertical	Pass
3	4972.600	49.69	-5.12	74.0	24.31	Peak	45.00	100	Vertical	Pass
3**	4972.600	40.86	-5.12	54.0	13.14	AV	45.00	100	Vertical	Pass
4	5742.600	93.31	-3.23	--	--	Peak	155.00	300	Vertical	N/A
4**	5742.600	85.77	-3.23	--	--	AV	155.00	300	Vertical	N/A
5	7660.100	56.08	0.39	74.0	17.92	Peak	60.00	150	Vertical	Pass
5**	7660.100	52.33	0.39	54.0	1.67	AV	60.00	150	Vertical	Pass
6	11025.863	52.43	7.57	74.0	21.57	Peak	275.00	100	Vertical	Pass
6**	11025.863	44.11	7.57	54.0	9.89	AV	275.00	100	Vertical	Pass

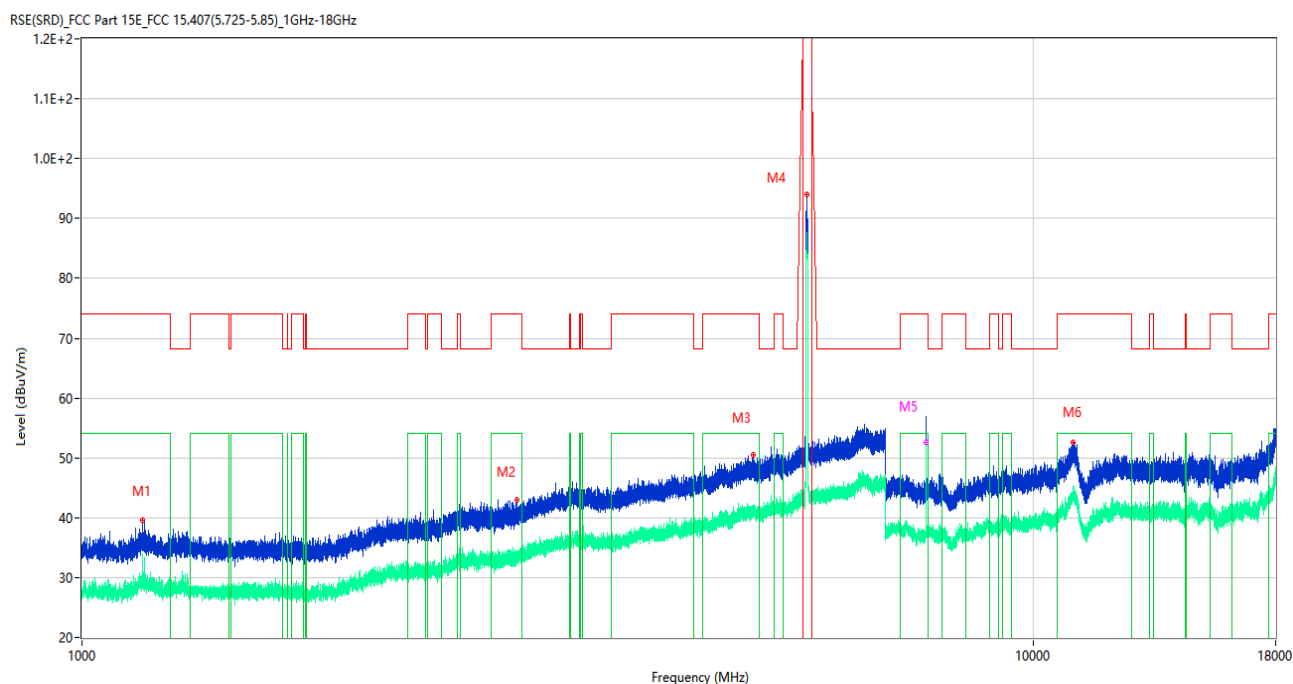
11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1008.300	38.31	-18.75	74.0	35.69	Peak	360.00	400	Horizontal	Pass
1**	1008.300	29.67	-18.75	54.0	24.33	AV	360.00	400	Horizontal	Pass
2	2887.900	42.64	-11.14	74.0	31.36	Peak	28.00	100	Horizontal	Pass
2**	2887.900	32.96	-11.14	54.0	21.04	AV	28.00	100	Horizontal	Pass
3	4992.600	50.03	-4.65	74.0	23.97	Peak	348.00	200	Horizontal	Pass
3**	4992.600	41.81	-4.65	54.0	12.19	AV	348.00	200	Horizontal	Pass
4	5783.400	93.63	-2.71	--	--	Peak	185.00	300	Horizontal	N/A
4**	5783.400	86.24	-2.71	--	--	AV	185.00	300	Horizontal	N/A
5	7713.575	52.25	0.42	74.0	21.75	Peak	118.00	150	Horizontal	Pass
5**	7713.575	51.45	0.42	54.0	2.55	AV	118.00	150	Horizontal	Pass
6	11038.224	52.67	7.92	74.0	21.33	Peak	60.00	400	Horizontal	Pass
6**	11038.224	43.86	7.92	54.0	10.14	AV	60.00	400	Horizontal	Pass

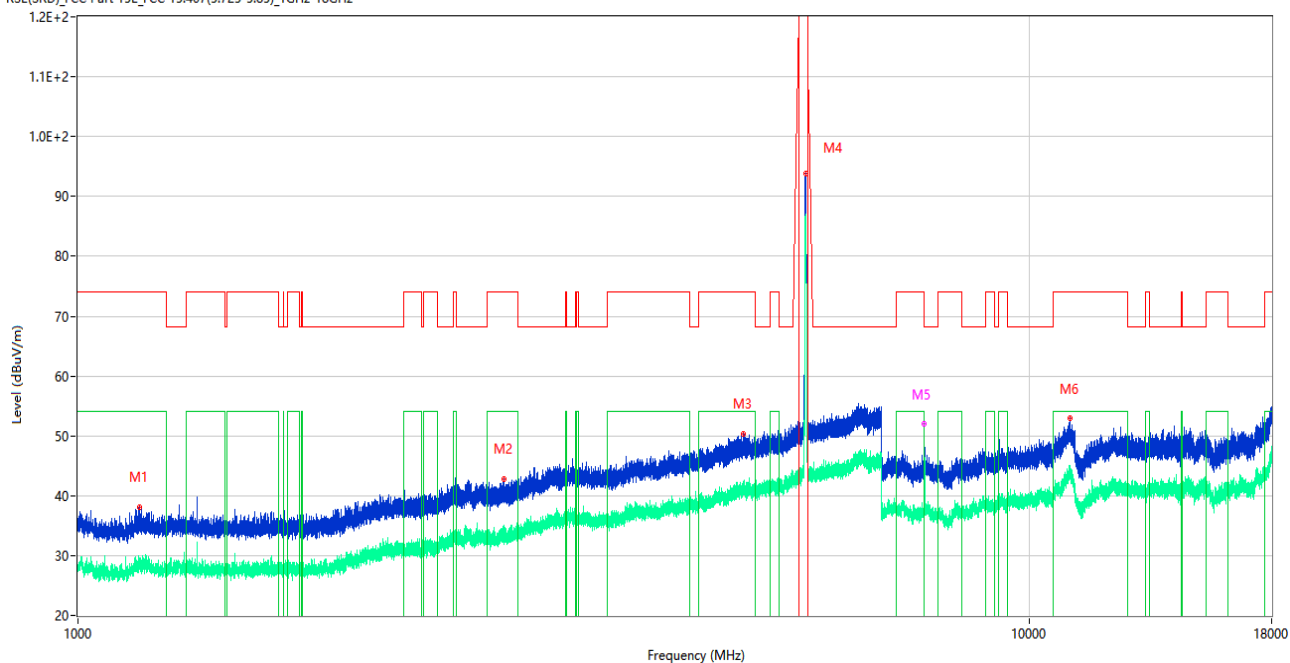
11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1158.900	39.54	-19.56	74.0	34.46	Peak	117.00	300	Vertical	Pass
1**	1158.900	29.07	-19.56	54.0	24.93	AV	117.00	300	Vertical	Pass
2	2869.400	43.03	-12.10	74.0	30.97	Peak	330.00	100	Vertical	Pass
2**	2869.400	32.81	-12.10	54.0	21.19	AV	330.00	100	Vertical	Pass
3	5076.000	50.43	-3.77	74.0	23.57	Peak	332.00	150	Vertical	Pass
3**	5076.000	41.38	-3.77	54.0	12.62	AV	332.00	150	Vertical	Pass
4	5787.000	93.98	-2.90	--	--	Peak	159.00	200	Vertical	N/A
4**	5787.000	86.74	-2.90	--	--	AV	159.00	200	Vertical	N/A
5	7713.575	56.03	0.42	74.0	17.97	Peak	55.00	150	Vertical	Pass
5**	7713.575	52.80	0.42	54.0	1.20	AV	55.00	150	Vertical	Pass
6	11031.612	52.61	7.73	74.0	21.39	Peak	360.00	400	Vertical	Pass
6**	11031.612	44.16	7.73	54.0	9.84	AV	360.00	400	Vertical	Pass

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

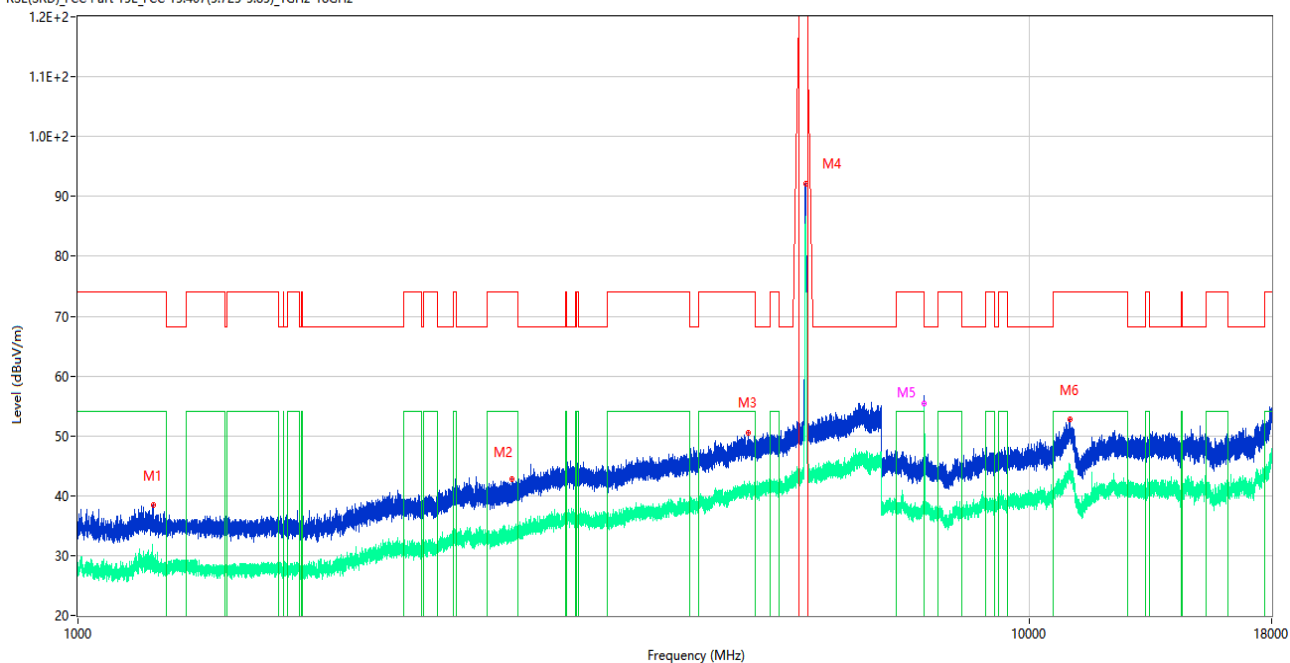
RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.100	38.16	-19.67	74.0	35.84	Peak	149.00	300	Horizontal	Pass
1**	1162.100	28.10	-19.67	54.0	25.90	AV	149.00	300	Horizontal	Pass
2	2804.500	42.80	-11.48	74.0	31.20	Peak	363.00	100	Horizontal	Pass
2**	2804.500	34.07	-11.48	54.0	19.93	AV	363.00	100	Horizontal	Pass
3	5012.400	50.33	-4.92	74.0	23.67	Peak	53.00	100	Horizontal	Pass
3**	5012.400	40.93	-4.92	54.0	13.07	AV	53.00	100	Horizontal	Pass
4	5823.800	93.79	-2.93	--	--	Peak	174.00	300	Horizontal	Pass
4**	5823.800	86.24	-2.93	--	--	AV	174.00	300	Horizontal	N/A
5	7766.762	52.84	0.32	68.2	15.36	Peak	75.00	150	Horizontal	Pass
5**	7766.762	51.98	0.32	--	--	AV	75.00	150	Horizontal	N/A
6	11040.812	52.94	8.00	74.0	21.06	Peak	207.00	400	Horizontal	Pass
6**	11040.812	44.41	8.00	54.0	9.59	AV	207.00	400	Horizontal	Pass

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

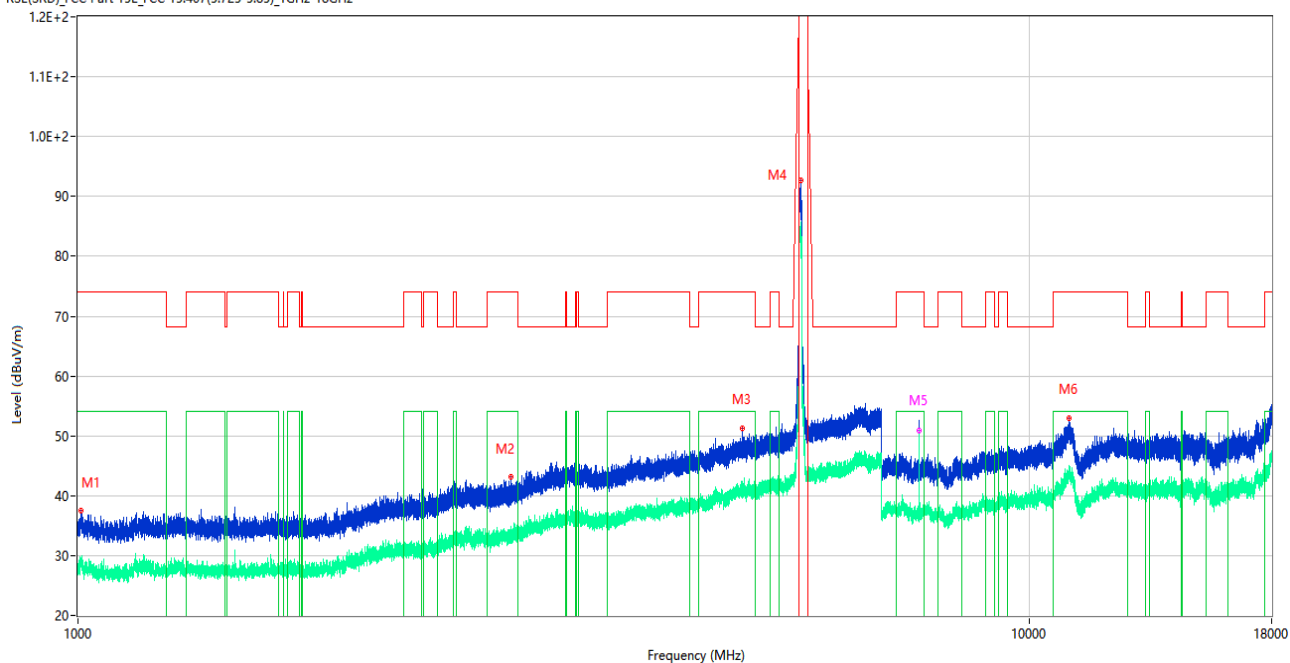
RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.800	38.39	-19.64	74.0	35.61	Peak	355.00	300	Vertical	Pass
1**	1199.800	28.97	-19.64	54.0	25.03	AV	355.00	300	Vertical	Pass
2	2857.500	42.73	-11.90	74.0	31.27	Peak	0.00	200	Vertical	Pass
2**	2857.500	33.43	-11.90	54.0	20.57	AV	0.00	200	Vertical	Pass
3	5063.800	50.60	-4.51	74.0	23.40	Peak	319.00	100	Vertical	Pass
3**	5063.800	41.64	-4.51	54.0	12.36	AV	319.00	100	Vertical	Pass
4	5821.000	92.16	-2.92	--	--	Peak	288.00	400	Vertical	N/A
4**	5821.000	83.35	-2.92	--	--	AV	288.00	400	Vertical	N/A
5	7766.762	56.66	0.32	68.2	11.54	Peak	61.00	150	Vertical	Pass
5**	7766.762	55.49	0.32	--	--	AV	61.00	150	Vertical	N/A
6	11037.362	52.68	7.90	74.0	21.32	Peak	101.00	100	Vertical	Pass
6**	11037.362	44.45	7.90	54.0	9.55	AV	101.00	100	Vertical	Pass

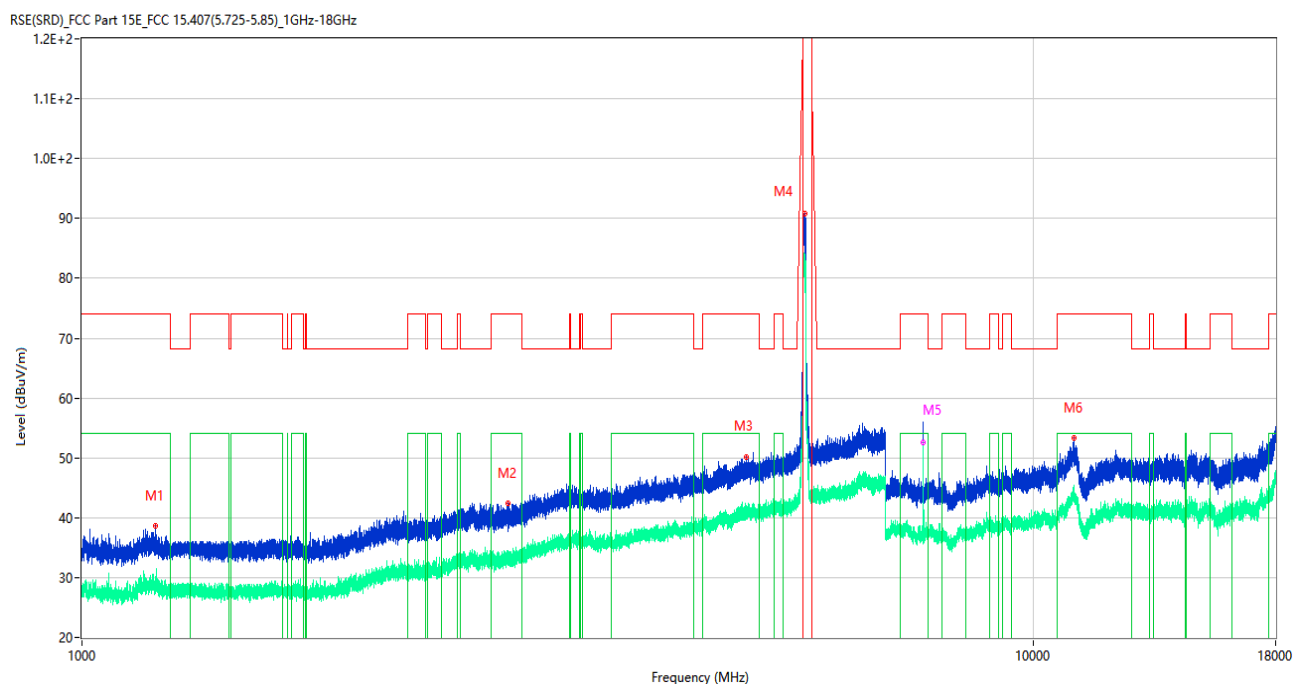
11ac40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1008.400	37.43	-18.81	74.0	36.57	Peak	357.00	300	Horizontal	Pass
1**	1008.400	28.16	-18.81	54.0	25.84	AV	357.00	300	Horizontal	Pass
2	2852.600	43.22	-11.56	74.0	30.78	Peak	344.00	200	Horizontal	Pass
2**	2852.600	33.12	-11.56	54.0	20.88	AV	344.00	200	Horizontal	Pass
3	5000.400	51.21	-4.66	74.0	22.79	Peak	173.00	150	Horizontal	Pass
3**	5000.400	41.76	-4.66	54.0	12.24	AV	173.00	150	Horizontal	Pass
4	5757.000	92.77	-3.40	--	--	Peak	173.00	100	Horizontal	N/A
4**	5757.000	84.13	-3.40	--	--	AV	173.00	100	Horizontal	N/A
5	7673.612	51.63	0.41	74.0	22.37	Peak	120.00	150	Horizontal	Pass
5**	7673.612	50.88	0.41	54.0	3.12	AV	120.00	150	Horizontal	Pass
6	11018.387	52.93	7.36	74.0	21.07	Peak	86.00	400	Horizontal	Pass
6**	11018.387	43.70	7.36	54.0	10.30	AV	86.00	400	Horizontal	Pass

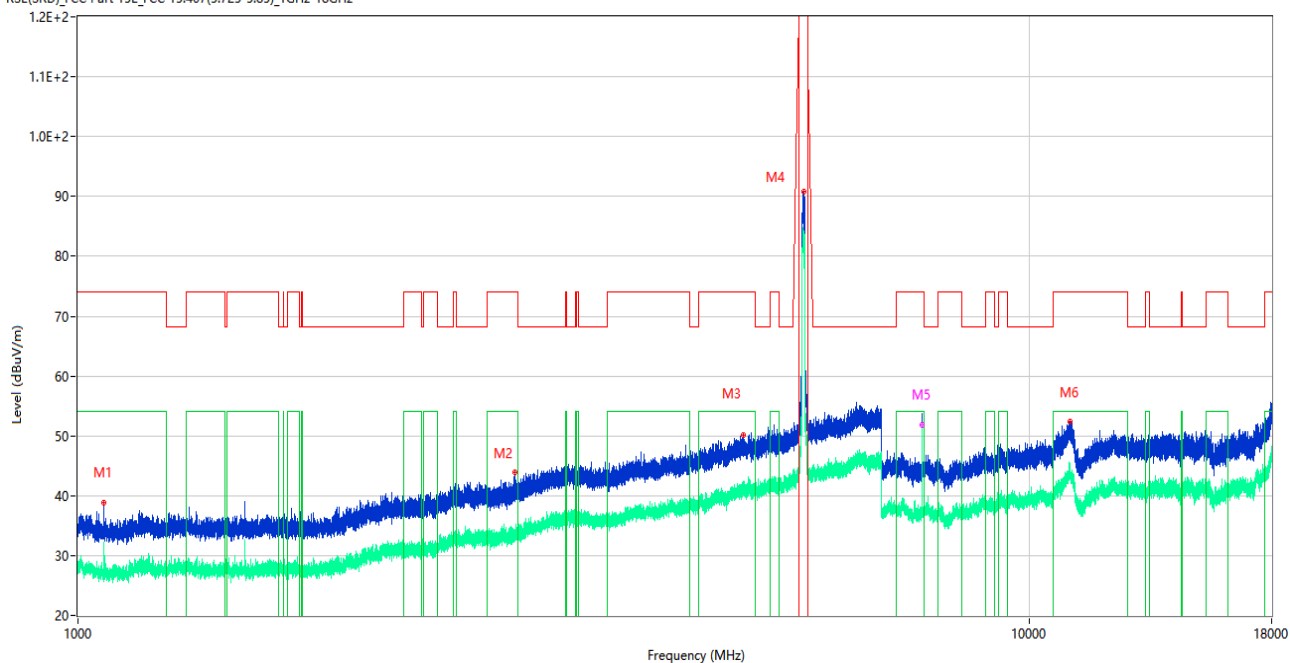
11ac40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.100	38.65	-19.62	74.0	35.35	Peak	110.00	400	Vertical	Pass
1**	1196.100	29.00	-19.62	54.0	25.00	AV	110.00	400	Vertical	Pass
2	2804.800	42.41	-11.72	74.0	31.59	Peak	281.00	400	Vertical	Pass
2**	2804.800	33.89	-11.72	54.0	20.11	AV	281.00	400	Vertical	Pass
3	5000.400	50.15	-4.66	74.0	23.85	Peak	360.00	200	Vertical	Pass
3**	5000.400	41.45	-4.66	54.0	12.55	AV	360.00	200	Vertical	Pass
4	5751.400	90.82	-3.70	--	--	Peak	146.00	400	Vertical	Pass
4**	5751.400	82.86	-3.70	--	--	AV	146.00	400	Vertical	N/A
5	7673.325	55.88	0.41	74.0	18.12	Peak	59.00	150	Vertical	Pass
5**	7673.325	52.67	0.41	54.0	1.33	AV	59.00	150	Vertical	Pass
6	11035.924	53.33	7.86	74.0	20.67	Peak	210.00	200	Vertical	Pass
6**	11035.924	44.02	7.86	54.0	9.98	AV	210.00	200	Vertical	Pass

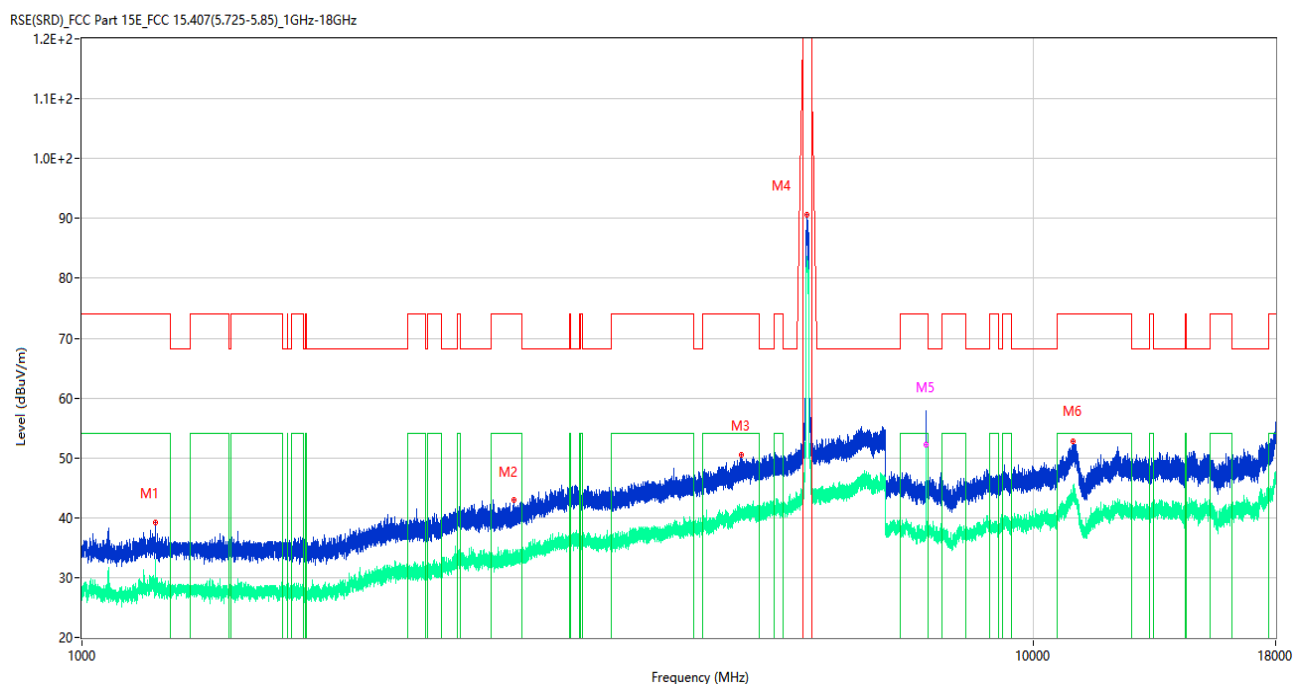
11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.600	38.84	-18.89	74.0	35.16	Peak	88.00	400	Horizontal	Pass
1**	1063.600	32.27	-18.89	54.0	21.73	AV	88.00	400	Horizontal	Pass
2	2881.800	43.97	-11.61	74.0	30.03	Peak	76.00	300	Horizontal	Pass
2**	2881.800	32.72	-11.61	54.0	21.28	AV	76.00	300	Horizontal	Pass
3	5003.800	50.11	-4.61	74.0	23.89	Peak	29.00	200	Horizontal	Pass
3**	5003.800	41.45	-4.61	54.0	12.55	AV	29.00	200	Horizontal	Pass
4	5806.400	90.80	-2.18	--	--	Peak	174.00	100	Horizontal	N/A
4**	5806.400	82.62	-2.18	--	--	AV	174.00	100	Horizontal	N/A
5	7726.800	53.10	0.38	74.0	20.90	Peak	125.00	150	Horizontal	Pass
5**	7726.800	51.83	0.38	54.0	2.17	AV	125.00	150	Horizontal	Pass
6	11036.787	52.34	7.88	74.0	21.66	Peak	133.00	300	Horizontal	Pass
6**	11036.787	44.14	7.88	54.0	9.86	AV	133.00	300	Horizontal	Pass

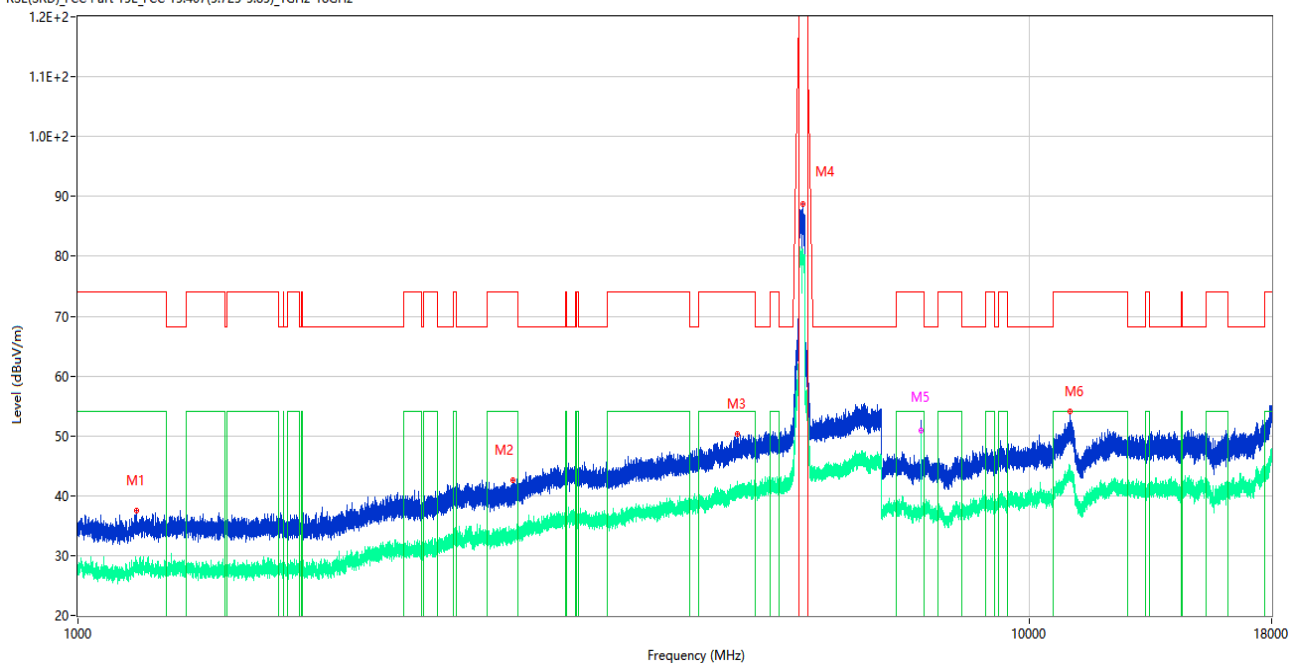
11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.100	39.15	-18.69	74.0	34.85	Peak	117.00	300	Vertical	Pass
1**	1195.100	28.77	-18.69	54.0	25.23	AV	117.00	300	Vertical	Pass
2	2843.300	43.04	-11.77	74.0	30.96	Peak	166.00	200	Vertical	Pass
2**	2843.300	34.20	-11.77	54.0	19.80	AV	166.00	200	Vertical	Pass
3	4938.600	50.42	-4.86	74.0	23.58	Peak	132.00	100	Vertical	Pass
3**	4938.600	41.13	-4.86	54.0	12.87	AV	132.00	100	Vertical	Pass
4	5791.400	90.60	-2.62	--	--	Peak	148.00	300	Vertical	N/A
4**	5791.400	82.74	-2.62	--	--	AV	148.00	300	Vertical	N/A
5	7726.800	57.56	0.38	74.0	16.44	Peak	53.00	150	Vertical	Pass
5**	7726.800	51.76	0.38	54.0	2.24	AV	53.00	150	Vertical	Pass
6	11008.037	52.86	7.06	74.0	21.14	Peak	254.00	100	Vertical	Pass
6**	11008.037	43.56	7.06	54.0	10.44	AV	254.00	100	Vertical	Pass

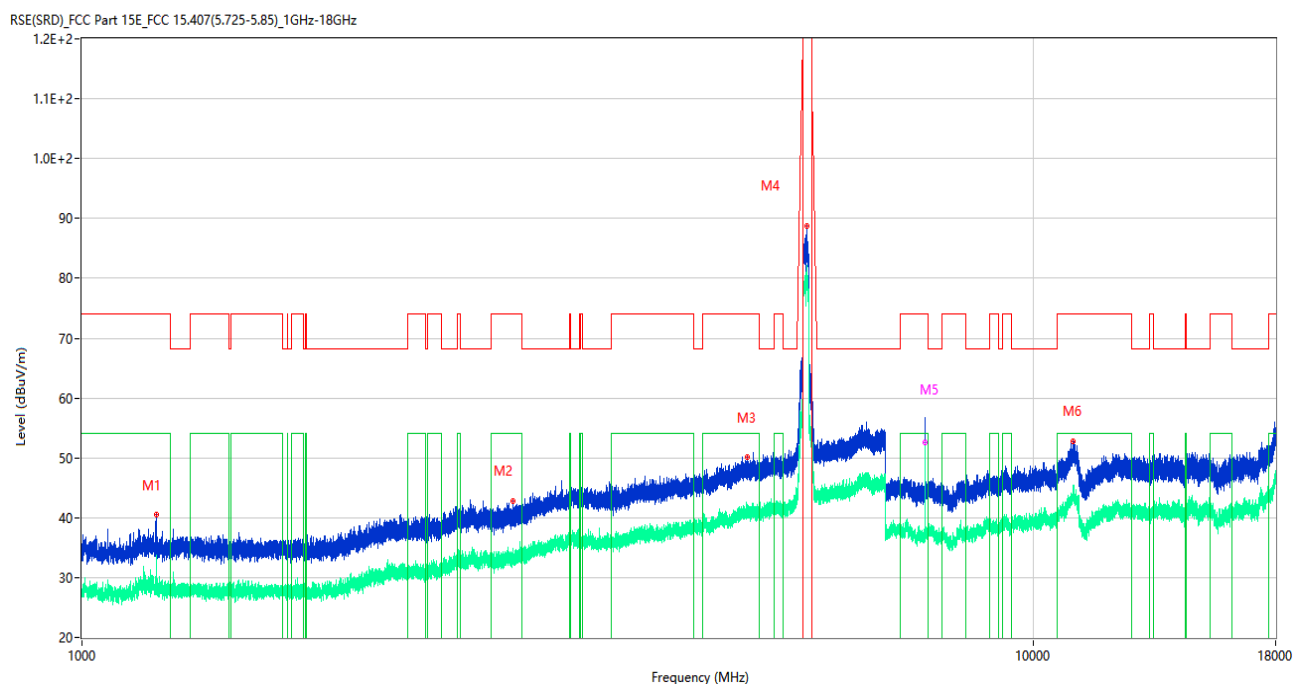
11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

RSE(SRD), FCC Part 15E_FCC 15.407(5.725-5.85)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1153.500	37.55	-18.63	74.0	36.45	Peak	175.00	300	Horizontal	Pass
1**	1153.500	27.94	-18.63	54.0	26.06	AV	175.00	300	Horizontal	Pass
2	2869.500	42.65	-12.04	74.0	31.35	Peak	42.00	200	Horizontal	Pass
2**	2869.500	34.27	-12.04	54.0	19.73	AV	42.00	200	Horizontal	Pass
3	4934.400	50.41	-4.92	74.0	23.59	Peak	156.00	150	Horizontal	Pass
3**	4934.400	41.44	-4.92	54.0	12.56	AV	156.00	150	Horizontal	Pass
4	5783.600	88.68	-2.73	--	--	Peak	172.00	300	Horizontal	N/A
4**	5783.600	81.08	-2.73	--	--	AV	172.00	300	Horizontal	N/A
5	7700.063	52.31	0.46	74.0	21.69	Peak	122.00	150	Horizontal	Pass
5**	7700.063	50.80	0.46	54.0	3.20	AV	122.00	150	Horizontal	Pass
6	11045.412	54.14	8.13	74.0	19.86	Peak	205.00	200	Horizontal	Pass
6**	11045.412	45.02	8.13	54.0	8.98	AV	205.00	200	Horizontal	Pass

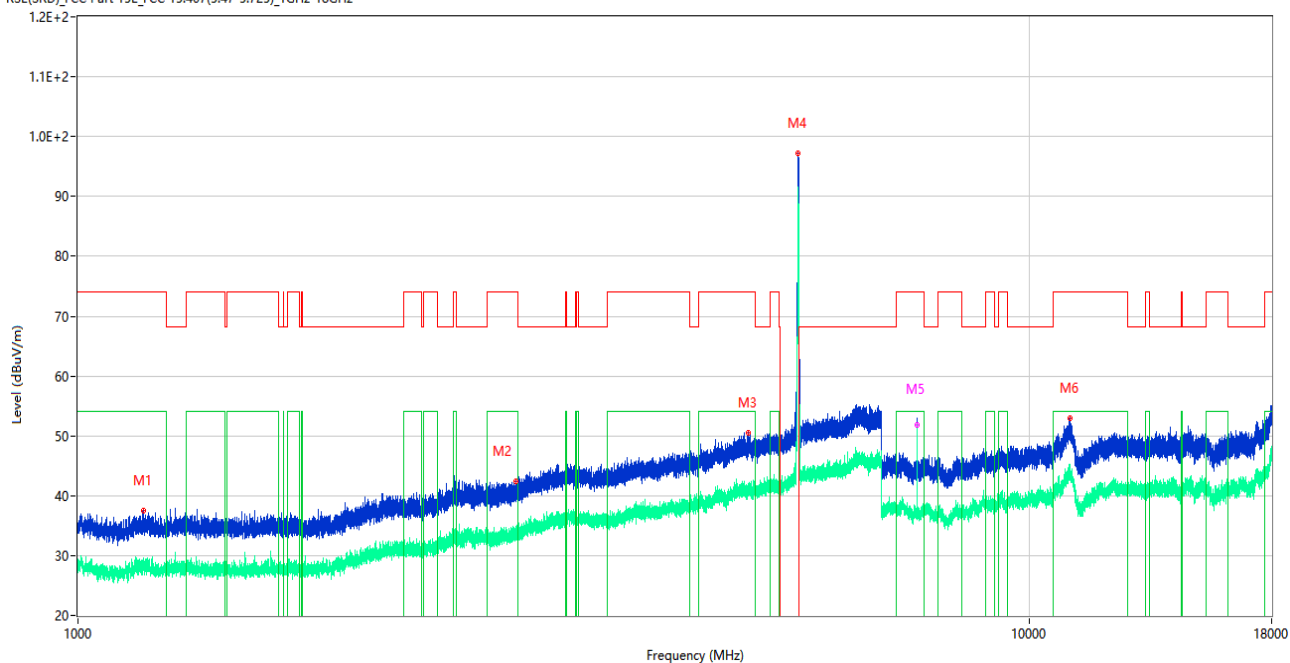
11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.300	40.50	-19.32	74.0	33.50	Peak	136.00	300	Vertical	Pass
1**	1197.300	28.60	-19.32	54.0	25.40	AV	136.00	300	Vertical	Pass
2	2842.700	42.85	-11.56	74.0	31.15	Peak	196.00	100	Vertical	Pass
2**	2842.700	33.27	-11.56	54.0	20.73	AV	196.00	100	Vertical	Pass
3	5004.000	50.16	-4.53	74.0	23.84	Peak	360.00	150	Vertical	Pass
3**	5004.000	41.27	-4.53	54.0	12.73	AV	360.00	150	Vertical	Pass
4	5782.800	88.74	-2.95	--	--	Peak	148.00	100	Vertical	N/A
4**	5782.800	80.82	-2.95	--	--	AV	148.00	100	Vertical	N/A
5	7700.063	56.71	0.46	74.0	17.29	Peak	59.00	150	Vertical	Pass
5**	7700.063	52.56	0.46	54.0	1.44	AV	59.00	150	Vertical	Pass
6	11034.200	52.84	7.81	74.0	21.16	Peak	24.00	400	Vertical	Pass
6**	11034.200	43.85	7.81	54.0	10.15	AV	24.00	400	Vertical	Pass

11a, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

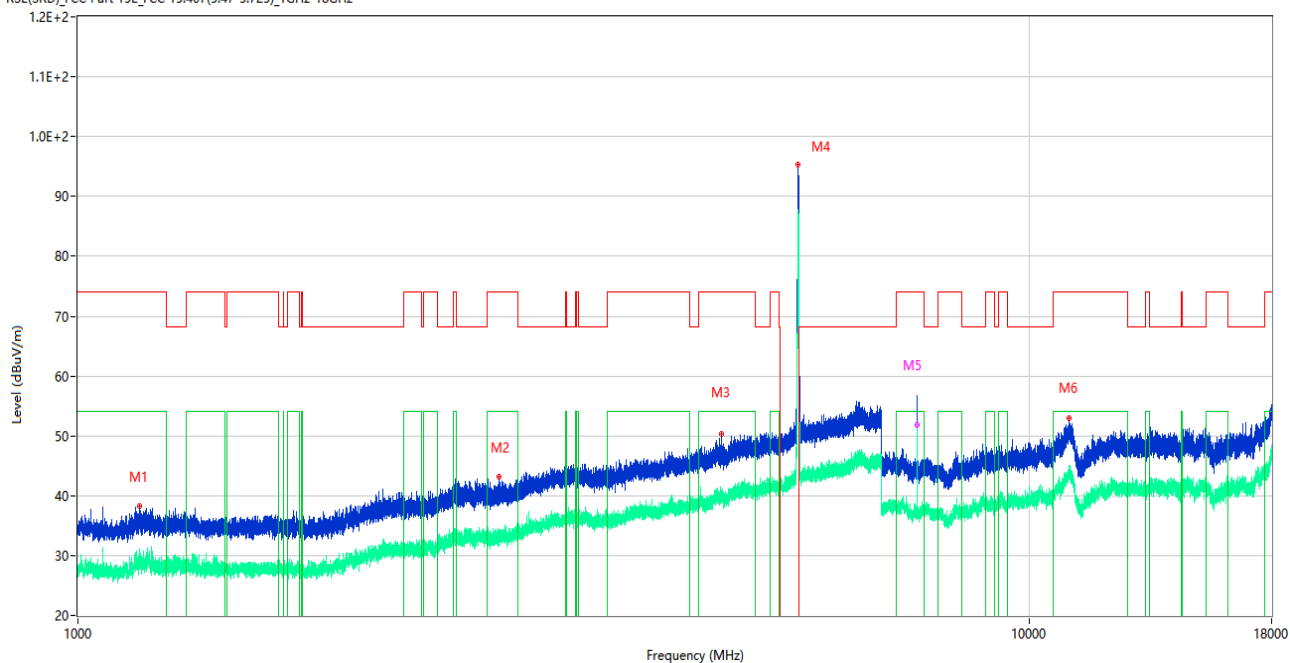
RSE(SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1172.500	37.58	-19.52	74.0	36.42	Peak	141.00	100	Horizontal	Pass
1**	1172.500	28.06	-19.52	54.0	25.94	AV	141.00	100	Horizontal	Pass
2	2885.300	42.42	-11.19	74.0	31.58	Peak	247.00	100	Horizontal	Pass
2**	2885.300	33.23	-11.19	54.0	20.77	AV	247.00	100	Horizontal	Pass
3	5075.000	50.57	-4.01	74.0	23.43	Peak	175.00	200	Horizontal	Pass
3**	5075.000	41.31	-4.01	54.0	12.69	AV	175.00	200	Horizontal	Pass
4	5721.800	97.25	-2.97	--	--	Peak	175.00	300	Horizontal	N/A
4**	5721.800	89.18	-2.97	--	--	AV	175.00	300	Horizontal	N/A
5	7626.750	52.99	0.31	74.0	21.01	Peak	118.00	150	Horizontal	Pass
5**	7626.750	51.80	0.31	54.0	2.20	AV	118.00	150	Horizontal	Pass
6	11045.412	52.99	8.13	74.0	21.01	Peak	113.00	100	Horizontal	Pass
6**	11045.412	44.01	8.13	54.0	9.99	AV	113.00	100	Horizontal	Pass

11a, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

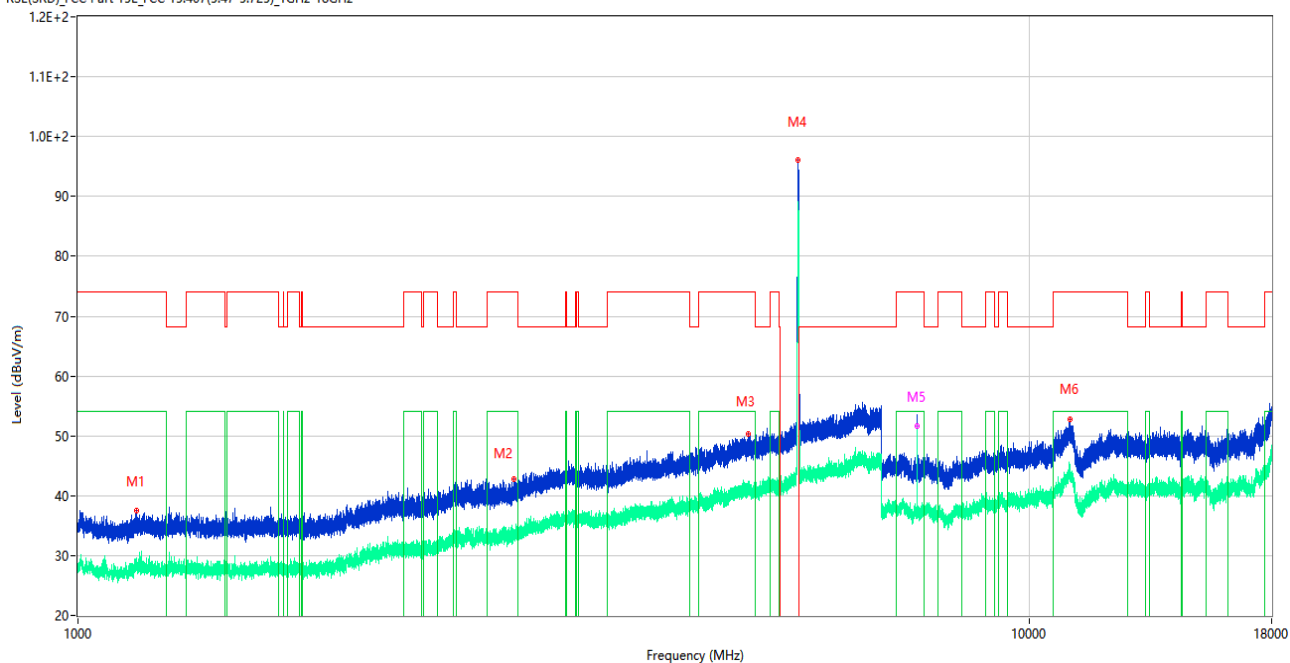
RSE(SRD)_FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1161.700	38.19	-19.42	74.0	35.81	Peak	111.00	400	Vertical	Pass
1**	1161.700	28.05	-19.42	54.0	25.95	AV	111.00	400	Vertical	Pass
2	2773.000	43.08	-12.39	74.0	30.92	Peak	363.00	200	Vertical	Pass
2**	2773.000	34.08	-12.39	54.0	19.92	AV	363.00	200	Vertical	Pass
3	4749.400	50.25	-5.21	74.0	23.75	Peak	360.00	100	Vertical	Pass
3**	4749.400	40.43	-5.21	54.0	13.57	AV	360.00	100	Vertical	Pass
4	5718.600	95.24	-3.00	--	--	Peak	138.00	100	Vertical	N/A
4**	5718.600	86.91	-3.00	--	--	AV	138.00	100	Vertical	N/A
5	7626.750	56.81	0.31	74.0	17.19	Peak	60.00	150	Vertical	Pass
5**	7626.750	51.89	0.31	54.0	2.11	AV	60.00	150	Vertical	Pass
6	11033.050	53.00	7.78	74.0	21.00	Peak	110.00	300	Vertical	Pass
6**	11033.050	43.81	7.78	54.0	10.19	AV	110.00	300	Vertical	Pass

11n20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

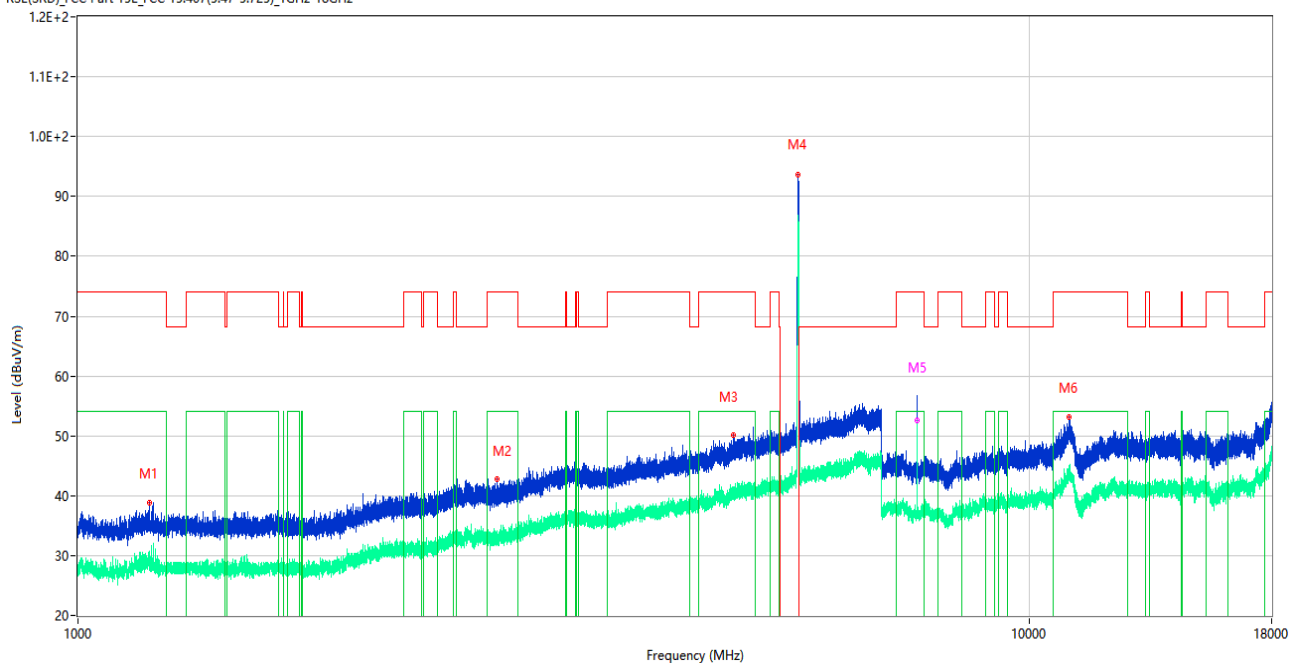
RSE(SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1151.100	37.49	-19.20	74.0	36.51	Peak	145.00	100	Horizontal	Pass
1**	1151.100	27.46	-19.20	54.0	26.54	AV	145.00	100	Horizontal	Pass
2	2874.900	42.77	-11.83	74.0	31.23	Peak	336.00	100	Horizontal	Pass
2**	2874.900	33.43	-11.83	54.0	20.57	AV	336.00	100	Horizontal	Pass
3	5067.800	50.34	-3.87	74.0	23.66	Peak	360.00	200	Horizontal	Pass
3**	5067.800	41.03	-3.87	54.0	12.97	AV	360.00	200	Horizontal	Pass
4	5718.000	96.02	-2.82	--	--	Peak	177.00	200	Horizontal	N/A
4**	5718.000	87.77	-2.82	--	--	AV	177.00	200	Horizontal	N/A
5	7626.750	53.22	0.31	74.0	20.78	Peak	119.00	150	Horizontal	Pass
5**	7626.750	51.62	0.31	54.0	2.38	AV	119.00	150	Horizontal	Pass
6	11045.987	52.86	8.15	74.0	21.14	Peak	205.00	300	Horizontal	Pass
6**	11045.987	44.73	8.15	54.0	9.27	AV	205.00	300	Horizontal	Pass

11n20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

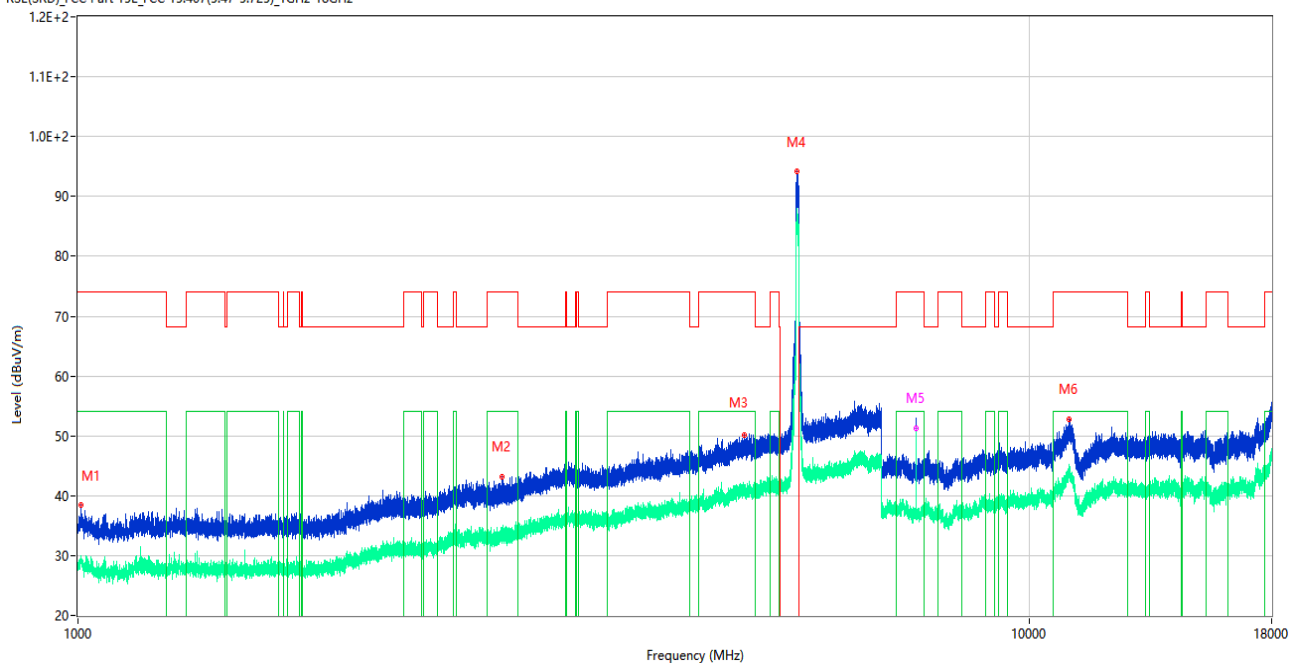
RSE(SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1187.600	38.80	-19.02	74.0	35.20	Peak	118.00	300	Vertical	Pass
1**	1187.600	28.93	-19.02	54.0	25.07	AV	118.00	300	Vertical	Pass
2	2756.100	42.69	-13.39	74.0	31.31	Peak	0.00	100	Vertical	Pass
2**	2756.100	33.05	-13.39	54.0	20.95	AV	0.00	100	Vertical	Pass
3	4890.600	50.18	-5.13	74.0	23.82	Peak	106.00	200	Vertical	Pass
3**	4890.600	40.33	-5.13	54.0	13.67	AV	106.00	200	Vertical	Pass
4	5721.600	93.67	-3.06	--	--	Peak	142.00	400	Vertical	N/A
4**	5721.600	85.91	-3.06	--	--	AV	142.00	400	Vertical	N/A
5	7626.750	56.69	0.31	74.0	17.31	Peak	60.00	150	Vertical	Pass
5**	7626.750	52.62	0.31	54.0	1.38	AV	60.00	150	Vertical	Pass
6	11014.938	53.13	7.26	74.0	20.87	Peak	204.00	400	Vertical	Pass
6**	11014.938	43.37	7.26	54.0	10.63	AV	204.00	400	Vertical	Pass

11n40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT H

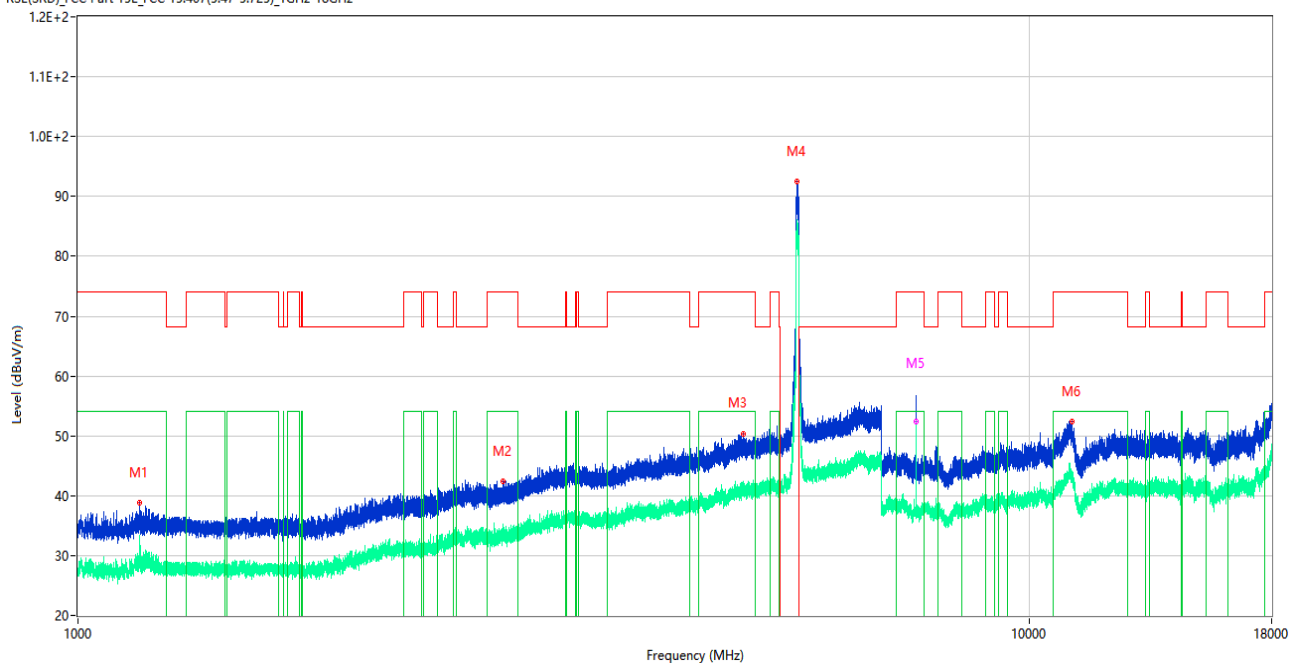
RSE(SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1007.100	38.38	-18.80	74.0	35.62	Peak	0.00	100	Horizontal	Pass
1**	1007.100	28.70	-18.80	54.0	25.30	AV	0.00	100	Horizontal	Pass
2	2792.200	43.22	-12.42	74.0	30.78	Peak	178.00	400	Horizontal	Pass
2**	2792.200	33.32	-12.42	54.0	20.68	AV	178.00	400	Horizontal	Pass
3	5025.000	50.04	-4.49	74.0	23.96	Peak	162.00	150	Horizontal	Pass
3**	5025.000	40.96	-4.49	54.0	13.04	AV	162.00	150	Horizontal	Pass
4	5704.400	94.16	-3.26	--	--	Peak	180.00	100	Horizontal	N/A
4**	5704.400	85.68	-3.26	--	--	AV	180.00	100	Horizontal	N/A
5	7613.525	52.27	0.28	74.0	21.73	Peak	124.00	150	Horizontal	Pass
5**	7613.525	51.34	0.28	54.0	2.66	AV	124.00	150	Horizontal	Pass
6	11026.150	52.79	7.58	74.0	21.21	Peak	15.00	400	Horizontal	Pass
6**	11026.150	43.78	7.58	54.0	10.22	AV	15.00	400	Horizontal	Pass

11n40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

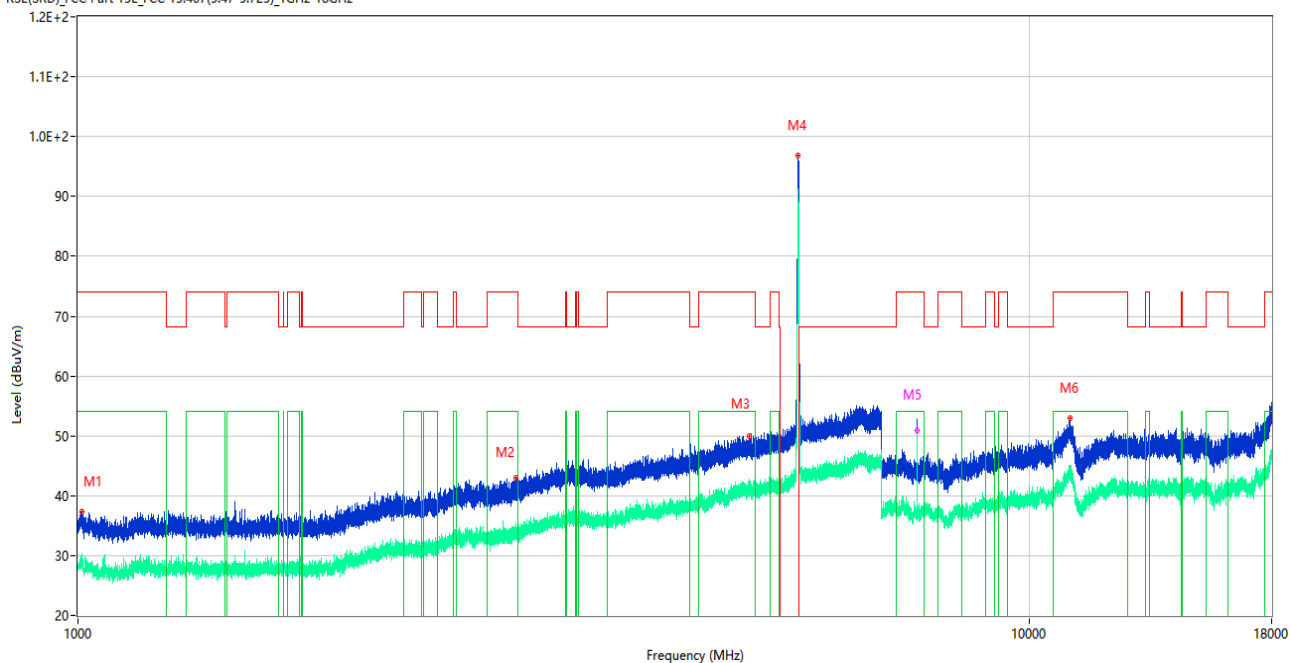
RSE(SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1162.000	38.88	-19.63	74.0	35.12	Peak	112.00	200	Vertical	Pass
1**	1162.000	29.60	-19.63	54.0	24.40	AV	112.00	200	Vertical	Pass
2	2795.700	42.43	-11.37	74.0	31.57	Peak	0.00	300	Vertical	Pass
2**	2795.700	33.80	-11.37	54.0	20.20	AV	0.00	300	Vertical	Pass
3	5005.600	50.33	-4.54	74.0	23.67	Peak	199.00	100	Vertical	Pass
3**	5005.600	42.16	-4.54	54.0	11.84	AV	199.00	100	Vertical	Pass
4	5704.800	92.53	-3.32	--	--	Peak	149.00	400	Vertical	N/A
4**	5704.800	84.51	-3.32	--	--	AV	149.00	400	Vertical	N/A
5	7613.525	56.63	0.28	74.0	17.37	Peak	59.00	150	Vertical	Pass
5**	7613.525	52.54	0.28	54.0	1.46	AV	59.00	150	Vertical	Pass
6	11104.925	52.46	6.99	74.0	21.54	Peak	23.00	100	Vertical	Pass
6**	11104.925	43.26	6.99	54.0	10.74	AV	23.00	100	Vertical	Pass

11ac20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT H

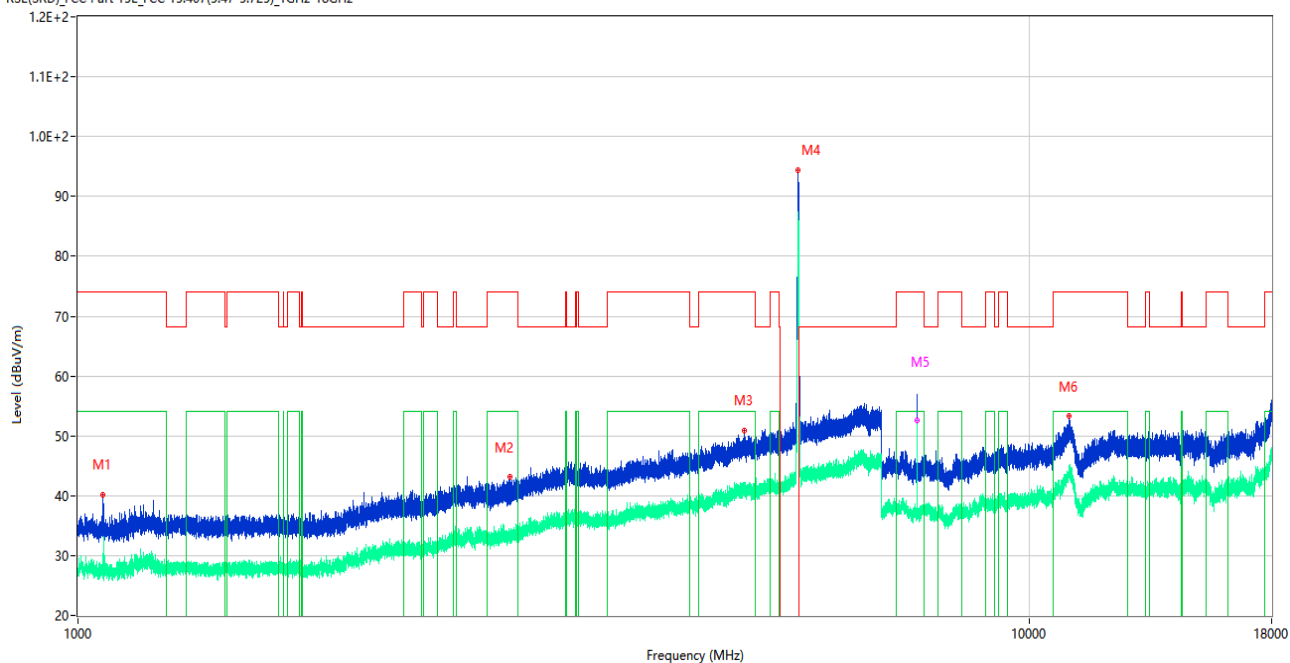
RSE(SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1008.900	37.33	-19.13	74.0	36.67	Peak	0.00	400	Horizontal	Pass
1**	1008.900	28.90	-19.13	54.0	25.10	AV	0.00	400	Horizontal	Pass
2	2889.500	42.95	-10.63	74.0	31.05	Peak	0.00	400	Horizontal	Pass
2**	2889.500	34.39	-10.63	54.0	19.61	AV	0.00	400	Horizontal	Pass
3	5076.000	49.93	-3.77	74.0	24.07	Peak	316.00	100	Horizontal	Pass
3**	5076.000	41.64	-3.77	54.0	12.36	AV	316.00	100	Horizontal	Pass
4	5719.400	96.89	-2.79	--	--	Peak	183.00	100	Horizontal	N/A
4**	5719.400	88.98	-2.79	--	--	AV	183.00	100	Horizontal	N/A
5	7626.750	52.59	0.31	74.0	21.41	Peak	123.00	150	Horizontal	Pass
5**	7626.750	50.96	0.31	54.0	3.04	AV	123.00	150	Horizontal	Pass
6	11035.924	53.01	7.86	74.0	20.99	Peak	4.00	300	Horizontal	Pass
6**	11035.924	44.10	7.86	54.0	9.90	AV	4.00	300	Horizontal	Pass

11ac20, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 144 Channel, ANT V

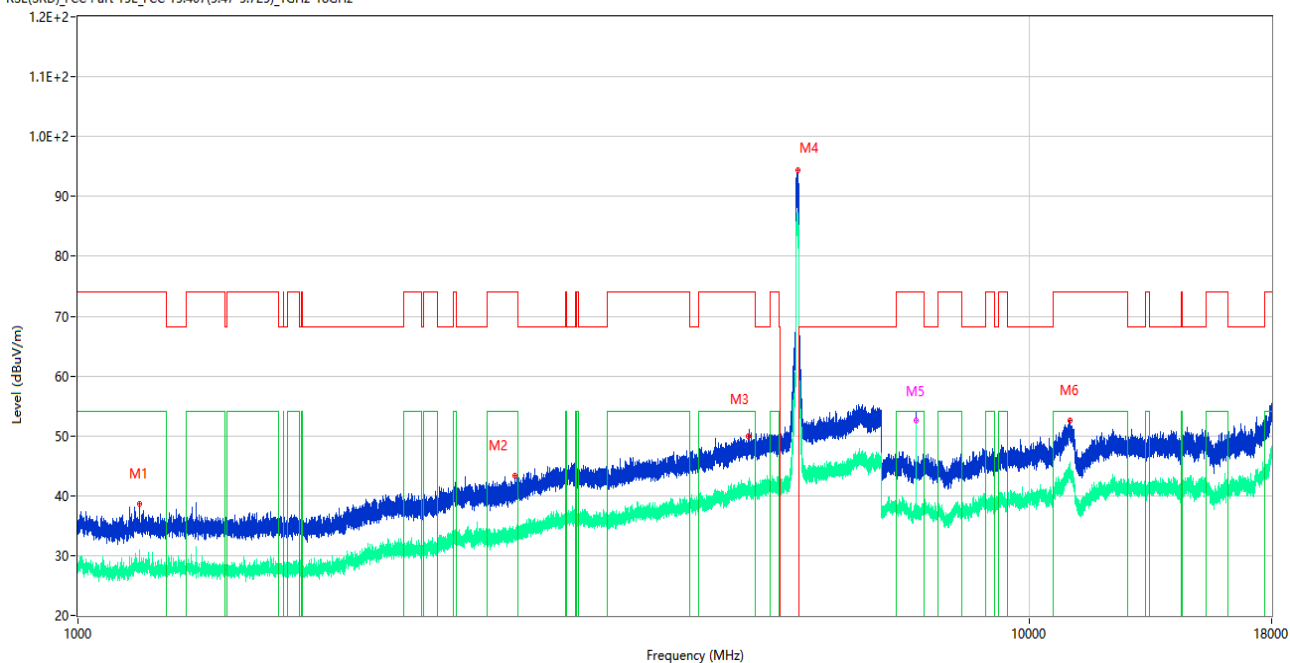
RSE(SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.200	40.15	-19.07	74.0	33.85	Peak	95.00	100	Vertical	Pass
1**	1063.200	28.82	-19.07	54.0	25.18	AV	95.00	100	Vertical	Pass
2	2843.200	43.19	-11.74	74.0	30.81	Peak	324.00	400	Vertical	Pass
2**	2843.200	33.16	-11.74	54.0	20.84	AV	324.00	400	Vertical	Pass
3	5024.000	50.94	-4.26	74.0	23.06	Peak	0.00	200	Vertical	Pass
3**	5024.000	41.59	-4.26	54.0	12.41	AV	0.00	200	Vertical	Pass
4	5719.200	94.36	-2.89	--	--	Peak	281.00	100	Vertical	N/A
4**	5719.200	86.92	-2.89	--	--	AV	281.00	100	Vertical	N/A
5	7626.750	56.34	0.31	74.0	17.66	Peak	59.00	150	Vertical	Pass
5**	7626.750	52.84	0.31	54.0	1.16	AV	59.00	150	Vertical	Pass
6	11029.888	53.28	7.68	74.0	20.72	Peak	191.00	200	Vertical	Pass
6**	11029.888	44.28	7.68	54.0	9.72	AV	191.00	200	Vertical	Pass

11ac40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT H

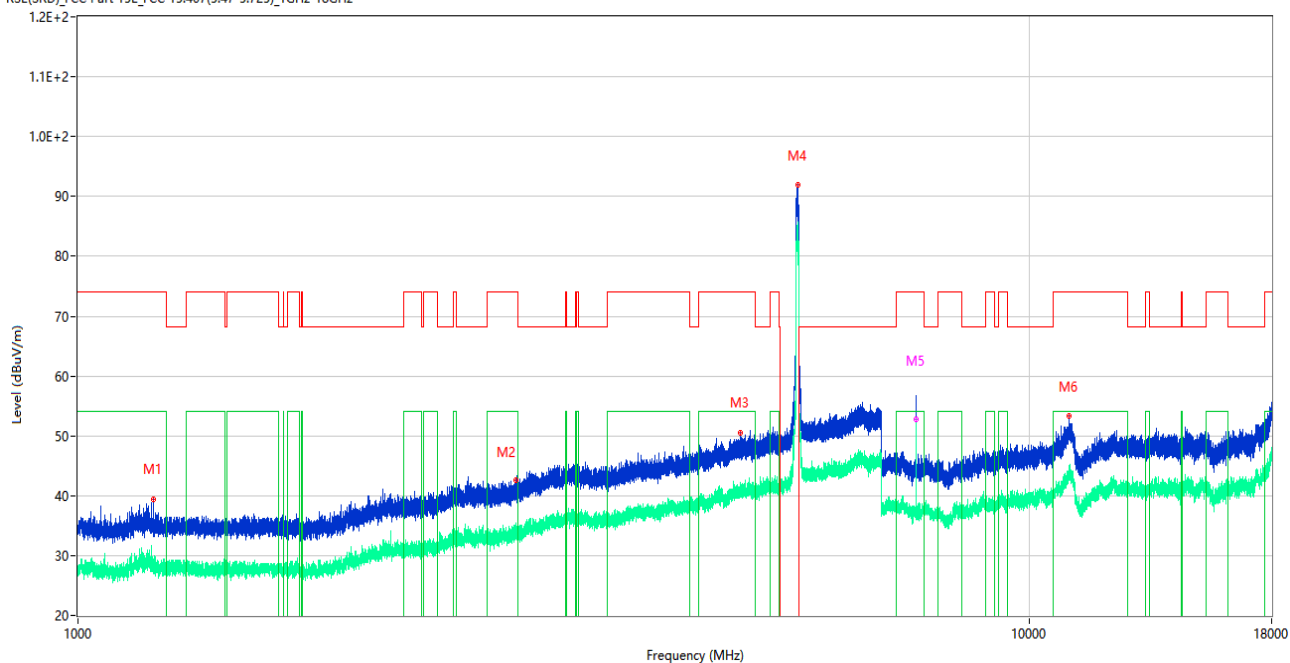
RSE(SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1159.900	38.73	-19.11	74.0	35.27	Peak	146.00	100	Horizontal	Pass
1**	1159.900	28.85	-19.11	54.0	25.15	AV	146.00	100	Horizontal	Pass
2	2882.700	43.37	-11.74	74.0	30.63	Peak	0.00	300	Horizontal	Pass
2**	2882.700	33.40	-11.74	54.0	20.60	AV	0.00	300	Horizontal	Pass
3	5067.600	49.94	-3.94	74.0	24.06	Peak	361.00	200	Horizontal	Pass
3**	5067.600	42.35	-3.94	54.0	11.65	AV	361.00	200	Horizontal	Pass
4	5719.800	94.45	-2.71	--	--	Peak	172.00	300	Horizontal	N/A
4**	5719.800	85.51	-2.71	--	--	AV	172.00	300	Horizontal	N/A
5	7613.525	53.12	0.28	74.0	20.88	Peak	123.00	150	Horizontal	Pass
5**	7613.525	52.52	0.28	54.0	1.48	AV	123.00	150	Horizontal	Pass
6	11039.375	52.60	7.96	74.0	21.40	Peak	121.00	300	Horizontal	Pass
6**	11039.375	43.98	7.96	54.0	10.02	AV	121.00	300	Horizontal	Pass

11ac40, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 142 Channel, ANT V

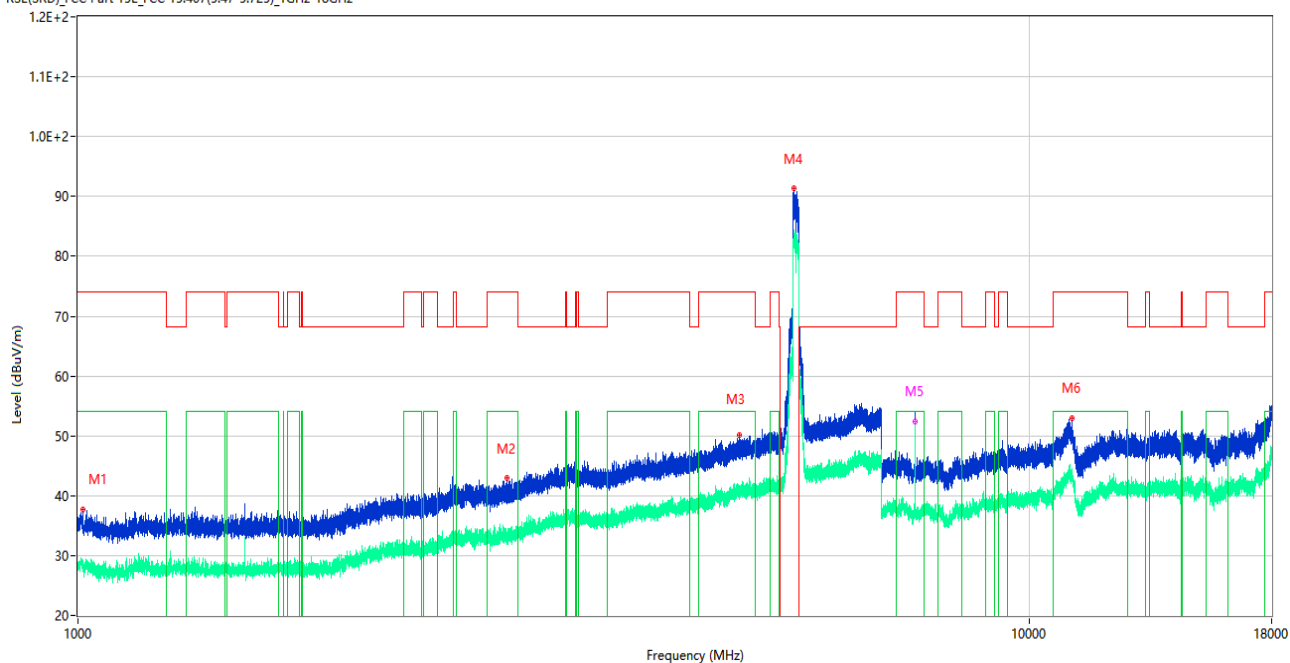
RSE(SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.200	39.41	-19.44	74.0	34.59	Peak	49.00	200	Vertical	Pass
1**	1199.200	28.80	-19.44	54.0	25.20	AV	49.00	200	Vertical	Pass
2	2888.800	42.53	-10.75	74.0	31.47	Peak	0.00	400	Vertical	Pass
2**	2888.800	34.09	-10.75	54.0	19.91	AV	0.00	400	Vertical	Pass
3	4968.600	50.52	-4.71	74.0	23.48	Peak	257.00	150	Vertical	Pass
3**	4968.600	40.62	-4.71	54.0	13.38	AV	257.00	150	Vertical	Pass
4	5711.400	91.88	-2.94	--	--	Peak	147.00	400	Vertical	N/A
4**	5711.400	84.47	-2.94	--	--	AV	147.00	400	Vertical	N/A
5	7613.525	56.44	0.28	74.0	17.56	Peak	59.00	150	Vertical	Pass
5**	7613.525	52.96	0.28	54.0	1.04	AV	59.00	150	Vertical	Pass
6	11033.912	53.26	7.80	74.0	20.74	Peak	5.00	200	Vertical	Pass
6**	11033.912	44.53	7.80	54.0	9.47	AV	5.00	200	Vertical	Pass

11ac80, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 138 Channel, ANT H

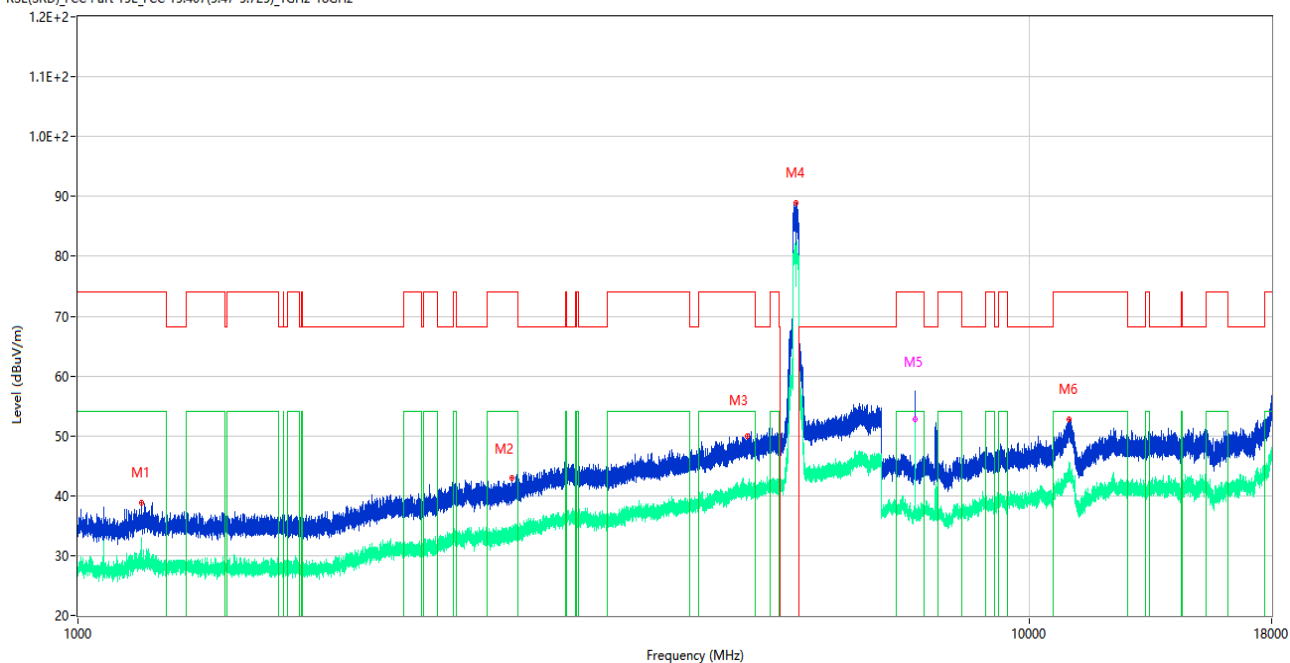
RSE(SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1010.900	37.67	-19.20	74.0	36.33	Peak	0.00	100	Horizontal	Pass
1**	1010.900	28.20	-19.20	54.0	25.80	AV	0.00	100	Horizontal	Pass
2	2822.500	42.92	-12.27	74.0	31.08	Peak	0.00	100	Horizontal	Pass
2**	2822.500	33.39	-12.27	54.0	20.61	AV	0.00	100	Horizontal	Pass
3	4959.400	50.15	-4.66	74.0	23.85	Peak	360.00	200	Horizontal	Pass
3**	4959.400	41.02	-4.66	54.0	12.98	AV	360.00	200	Horizontal	Pass
4	5666.200	91.31	-4.22	--	--	Peak	180.00	100	Horizontal	N/A
4**	5666.200	83.72	-4.22	--	--	AV	180.00	100	Horizontal	N/A
5	7586.788	53.49	0.08	74.0	20.51	Peak	124.00	150	Horizontal	Pass
5**	7586.788	52.39	0.08	54.0	1.61	AV	124.00	150	Horizontal	Pass
6	11089.401	53.02	7.31	74.0	20.98	Peak	204.00	300	Horizontal	Pass
6**	11089.401	42.41	7.31	54.0	11.59	AV	204.00	300	Horizontal	Pass

11ac80, U-NII-2C&U-NII-3, 1 GHz to 18 GHz, 138 Channel, ANT V

RSE(SRD), FCC Part 15E_FCC 15.407(5.47-5.725)_1GHz-18GHz

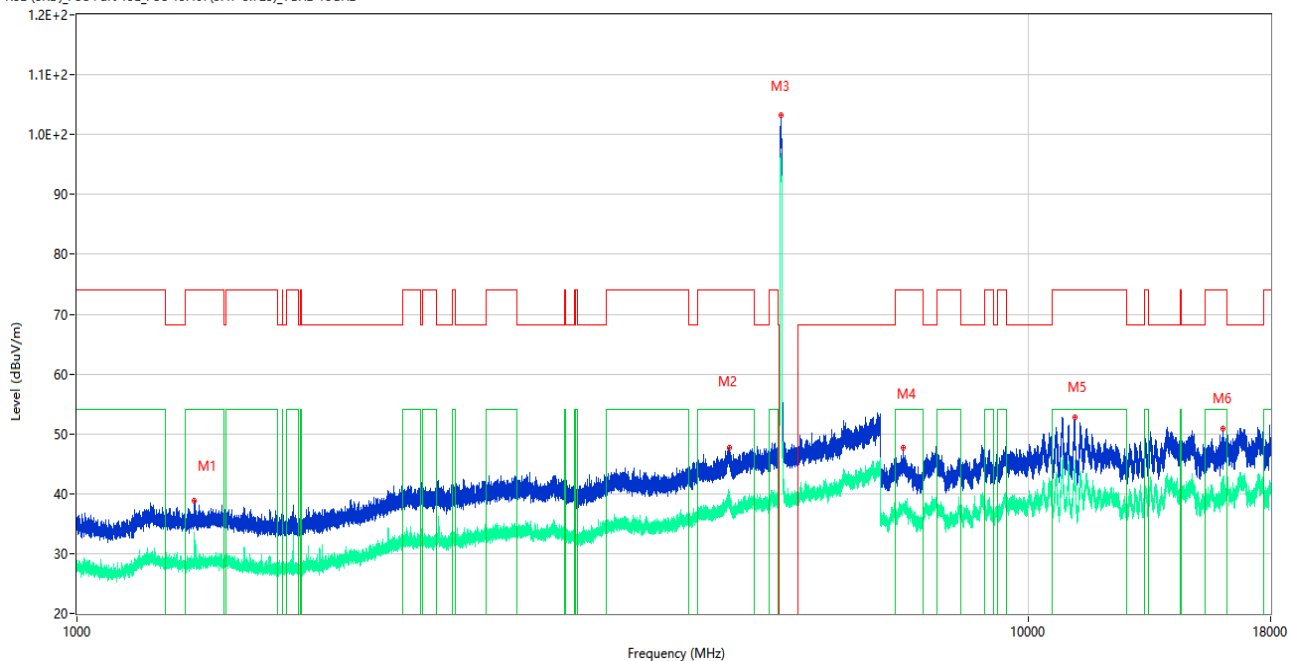


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.700	38.92	-19.38	74.0	35.08	Peak	61.00	100	Vertical	Pass
1**	1165.700	29.71	-19.38	54.0	24.29	AV	61.00	100	Vertical	Pass
2	2858.900	42.89	-12.09	74.0	31.11	Peak	307.00	100	Vertical	Pass
2**	2858.900	33.85	-12.09	54.0	20.15	AV	307.00	100	Vertical	Pass
3	5061.600	50.01	-4.01	74.0	23.99	Peak	238.00	150	Vertical	Pass
3**	5061.600	40.93	-4.01	54.0	13.07	AV	238.00	150	Vertical	Pass
4	5684.000	89.01	-3.92	--	--	Peak	286.00	400	Vertical	N/A
4**	5684.000	81.27	-3.92	--	--	AV	286.00	400	Vertical	N/A
5	7586.788	56.72	0.08	74.0	17.28	Peak	62.00	150	Vertical	Pass
5**	7586.788	52.73	0.08	54.0	1.27	AV	62.00	150	Vertical	Pass
6	11034.488	52.83	7.82	74.0	21.17	Peak	252.00	400	Vertical	Pass
6**	11034.488	44.26	7.82	54.0	9.74	AV	252.00	400	Vertical	Pass

worst case-GripID-FAP30CR

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

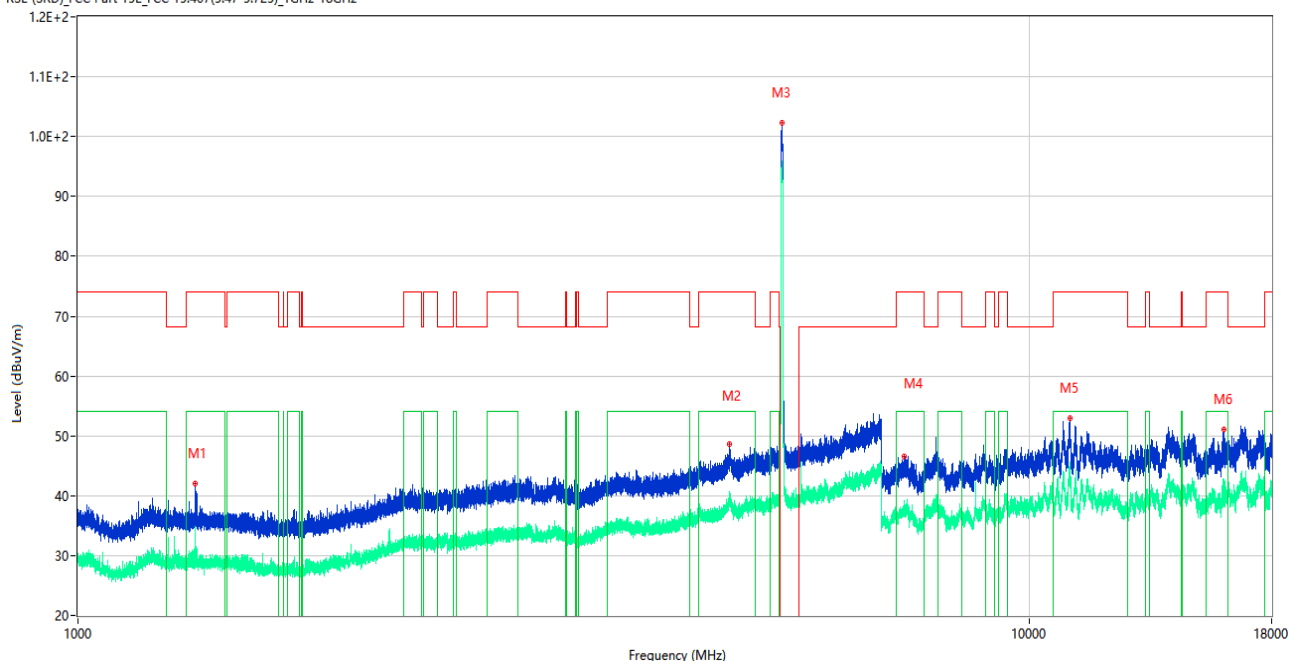
RSE (SRD)_FCC Part 15E_FCC 15.407(5,47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.800	38.79	-17.45	74.0	35.21	Peak	33.00	100	Horizontal	Pass
1**	1328.800	32.12	-17.45	54.0	21.88	AV	33.00	100	Horizontal	Pass
2	4850.400	47.76	-6.35	74.0	26.24	Peak	279.00	400	Horizontal	Pass
2**	4850.400	38.90	-6.35	54.0	15.10	AV	279.00	400	Horizontal	Pass
3	5499.000	103.17	-6.56	--	--	Peak	218.00	100	Horizontal	N/A
3**	5499.000	94.58	-6.56	--	--	AV	218.00	100	Horizontal	N/A
4	7395.025	47.73	-1.49	74.0	26.27	Peak	32.00	400	Horizontal	Pass
4**	7395.025	37.60	-1.49	54.0	16.40	AV	32.00	400	Horizontal	Pass
5	11201.237	52.86	1.62	74.0	21.14	Peak	58.00	100	Horizontal	Pass
5**	11201.237	45.33	1.62	54.0	8.67	AV	58.00	100	Horizontal	Pass
6	16048.575	50.91	5.57	74.0	23.09	Peak	273.00	400	Horizontal	Pass
6**	16048.575	42.32	5.57	54.0	11.68	AV	273.00	400	Horizontal	Pass

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

RSE (SRD)_FCC Part 15E_FCC 15.407(5,47-5.725)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.900	41.98	-17.47	74.0	32.02	Peak	131.00	100	Vertical	Pass
1**	1328.900	29.72	-17.47	54.0	24.28	AV	131.00	100	Vertical	Pass
2	4842.800	48.64	-6.52	74.0	25.36	Peak	7.00	300	Vertical	Pass
2**	4842.800	39.18	-6.52	54.0	14.82	AV	7.00	300	Vertical	Pass
3	5495.400	102.35	-6.44	--	115.65	Peak	218.00	300	Vertical	Pass
3**	5495.400	95.49	-6.44	--	-95.49	AV	218.00	300	Vertical	N/A
4	7395.025	46.59	-1.49	74.0	27.41	Peak	109.00	400	Vertical	Pass
4**	7395.025	38.01	-1.49	54.0	15.99	AV	109.00	400	Vertical	Pass
5	11045.701	53.05	3.30	74.0	20.95	Peak	95.00	200	Vertical	Pass
5**	11045.701	44.18	3.30	54.0	9.82	AV	95.00	200	Vertical	Pass
6	16055.925	51.16	5.19	74.0	22.84	Peak	224.00	300	Vertical	Pass
6**	16055.925	42.58	5.19	54.0	11.42	AV	224.00	300	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
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
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
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(VHT80)	Low	Pass
		High	Pass

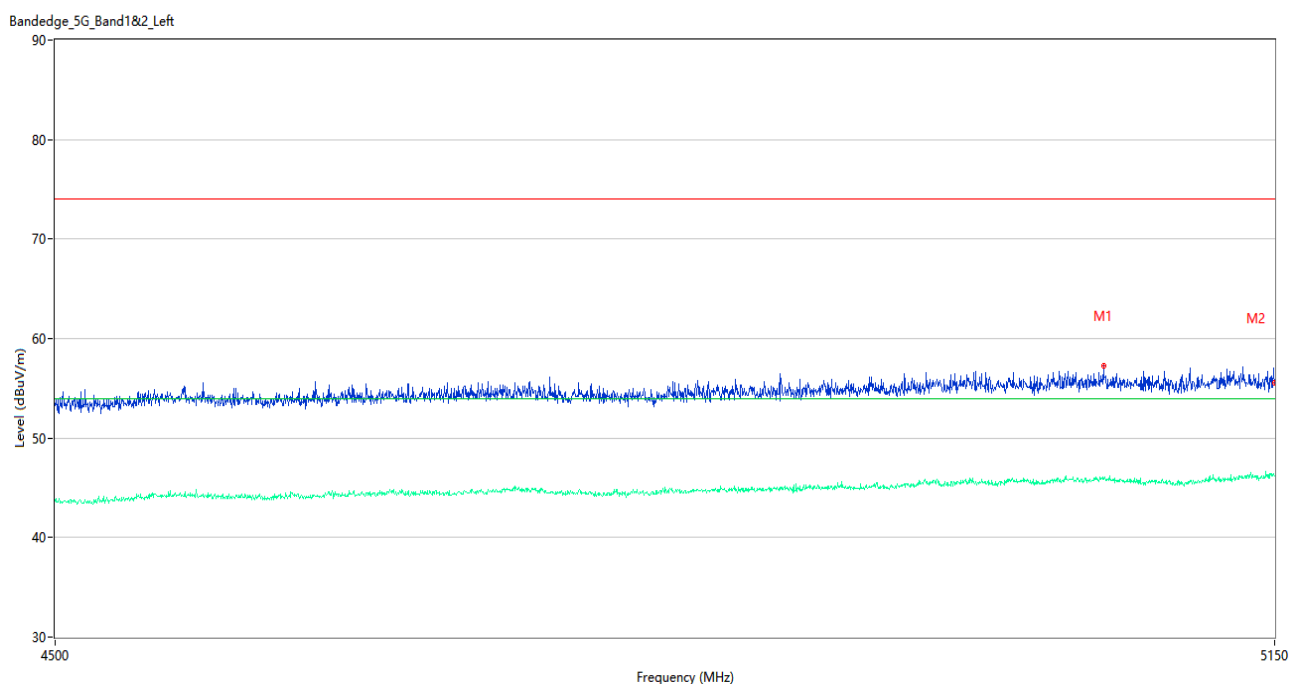
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

Test Band	Mode	Channel	Verdict
U-NII-2C&U-NII-3	802.11a	144	Pass
	802.11n(HT20)	144	Pass
	802.11n(HT40)	142	Pass
	802.11ac(VHT20)	144	Pass
	802.11ac(VHT40)	142	Pass
	802.11ac(VHT80)	138	Pass

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

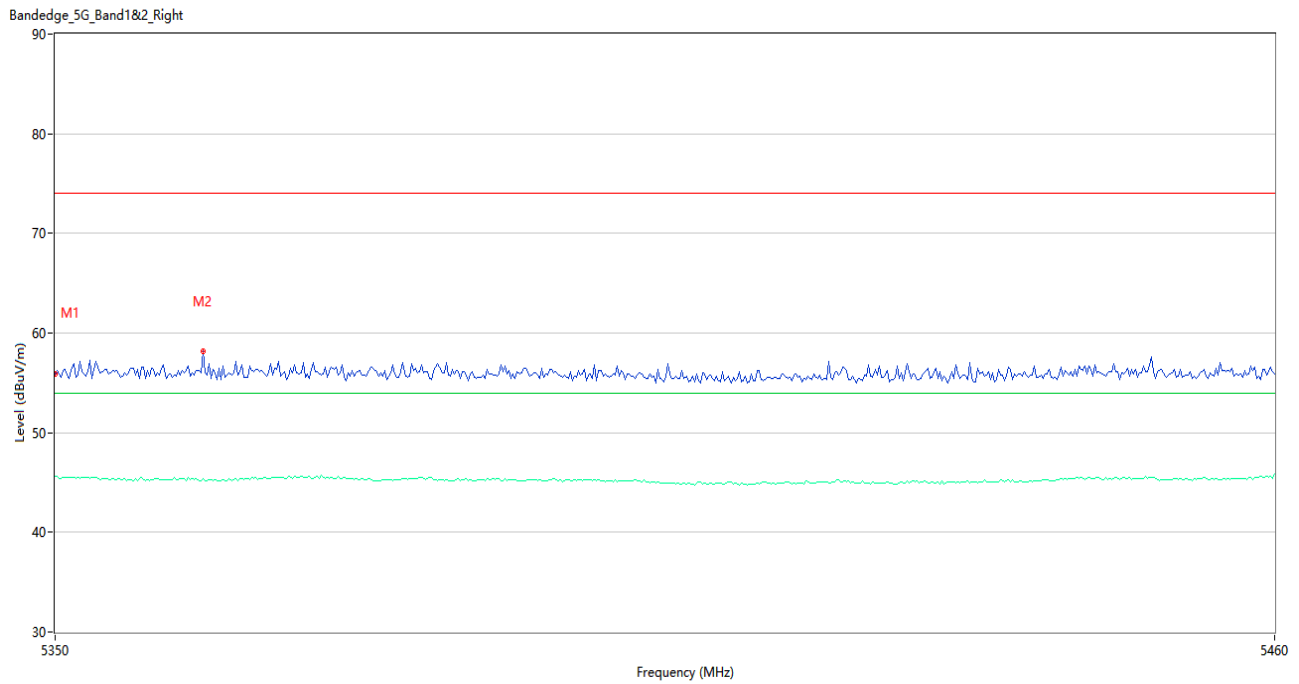
Test Data and Plots

U-NII-1 11a Low Channel



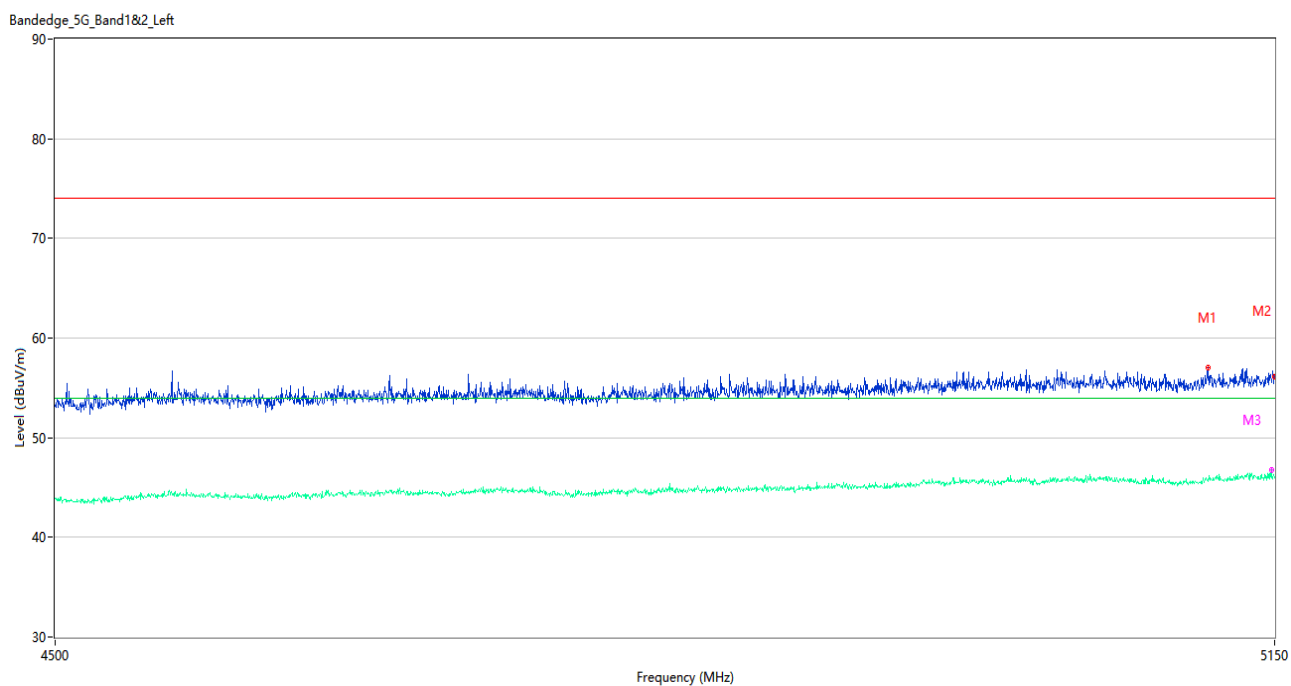
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5053.475	57.24	74.0	16.76	Peak	189.00	150	Horizontal	Pass
1**	5053.475	45.82	54.0	8.18	AV	189.00	150	Horizontal	Pass
2	5150.000	55.57	74.0	18.43	Peak	94.00	150	Horizontal	Pass
2**	5150.000	46.23	54.0	7.77	AV	94.00	150	Horizontal	Pass

U-NII-1 11a High Channel



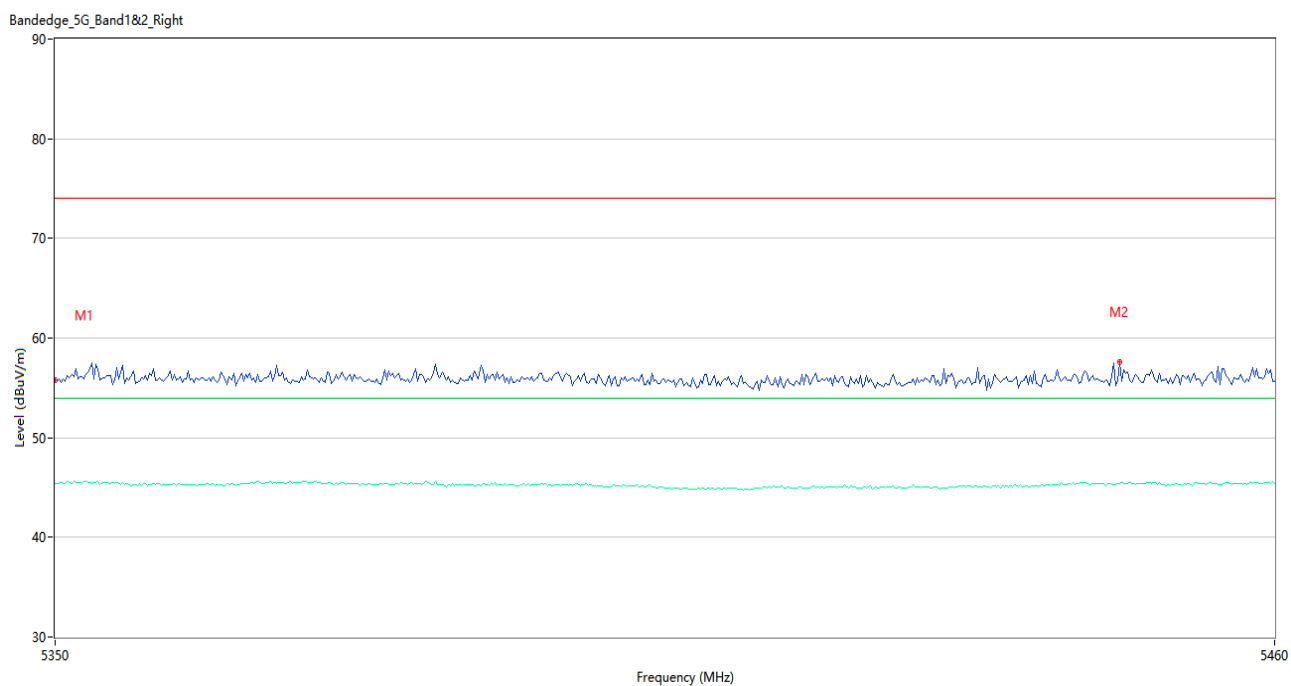
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.92	74.0	18.08	Peak	339.00	100	Horizontal	Pass
1**	5350.000	45.58	54.0	8.42	AV	339.00	100	Horizontal	Pass
2	5363.200	58.19	74.0	15.81	Peak	184.00	100	Horizontal	Pass
2**	5363.200	45.35	54.0	8.65	AV	184.00	100	Horizontal	Pass

U-NII-1 11n20 Low Channel



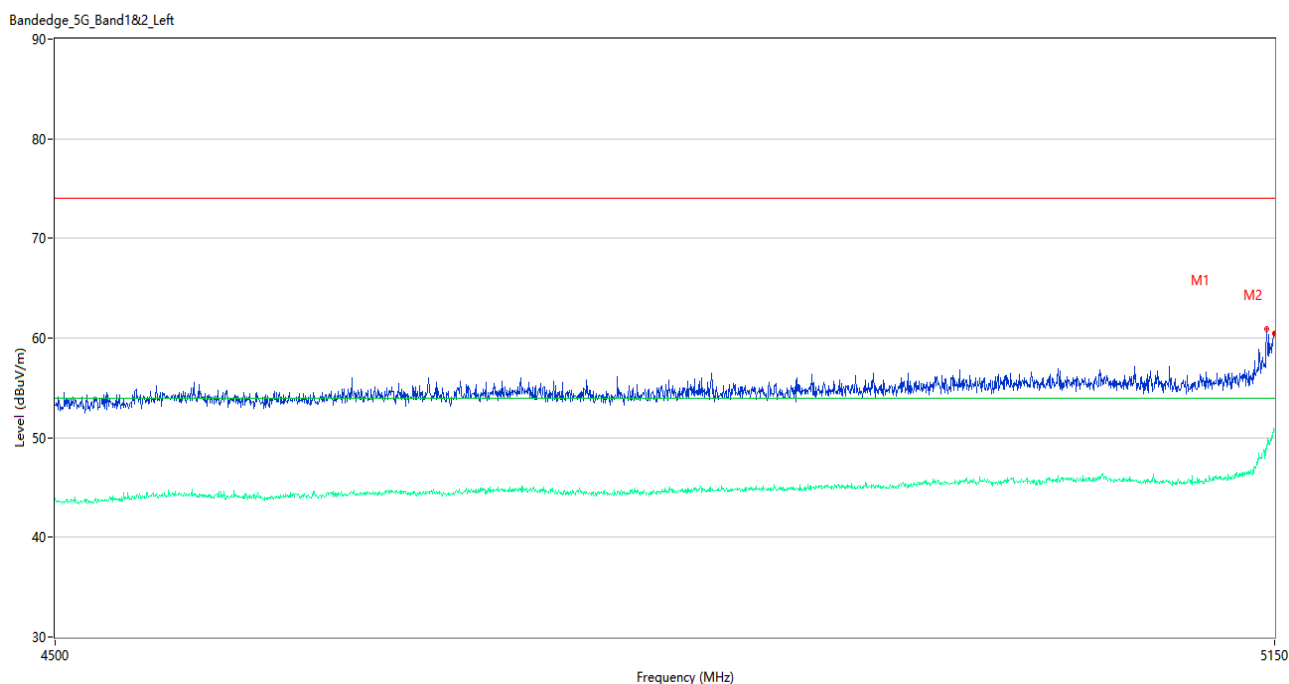
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5111.975	57.03	74.0	16.97	Peak	202.00	100	Horizontal	Pass
1**	5111.975	45.67	54.0	8.33	AV	202.00	100	Horizontal	Pass
2	5150.000	56.14	74.0	17.86	Peak	336.00	100	Horizontal	Pass
2**	5150.000	45.99	54.0	8.01	AV	336.00	100	Horizontal	Pass
3	5148.050	55.56	74.0	18.44	Peak	285.00	150	Horizontal	Pass
3**	5148.050	46.80	54.0	7.20	AV	285.00	150	Horizontal	Pass

U-NII-1 11n20 High Channel



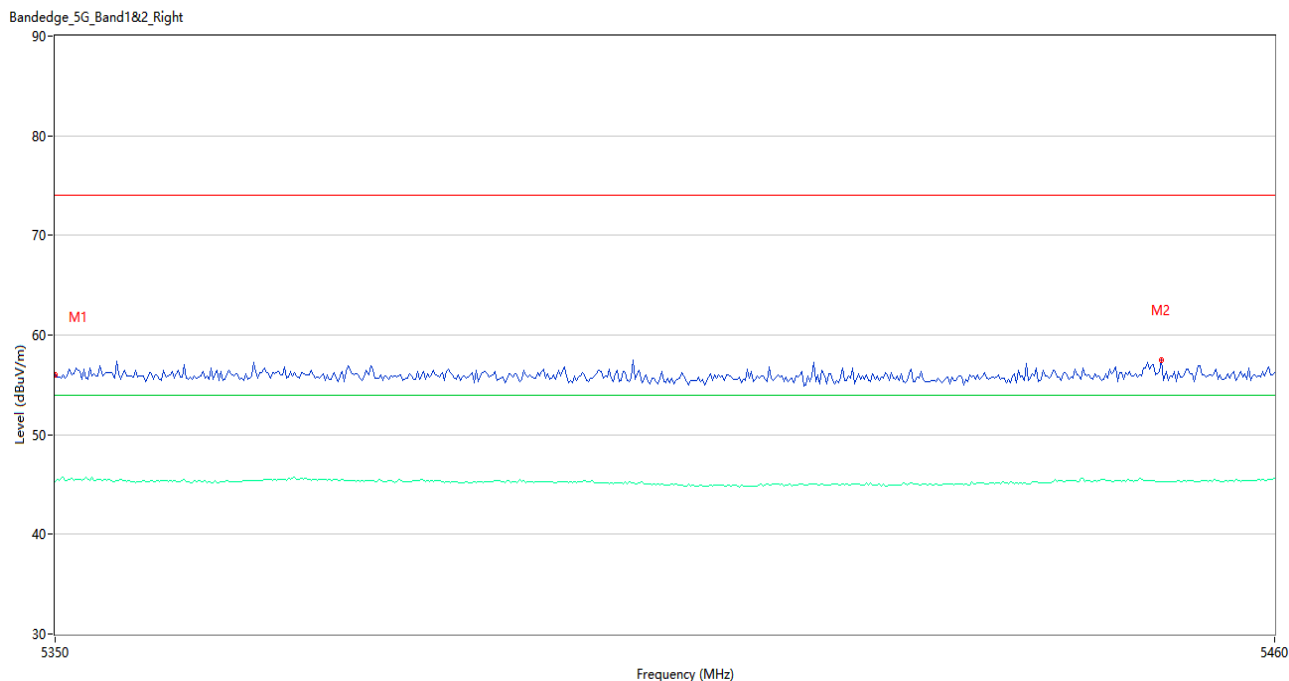
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.80	74.0	18.20	Peak	0.00	200	Horizontal	Pass
1**	5350.000	45.40	54.0	8.60	AV	0.00	200	Horizontal	Pass
2	5445.883	57.62	74.0	16.38	Peak	241.00	100	Horizontal	Pass
2**	5445.883	45.36	54.0	8.64	AV	241.00	100	Horizontal	Pass

U-NII-1 11n40 Low Channel



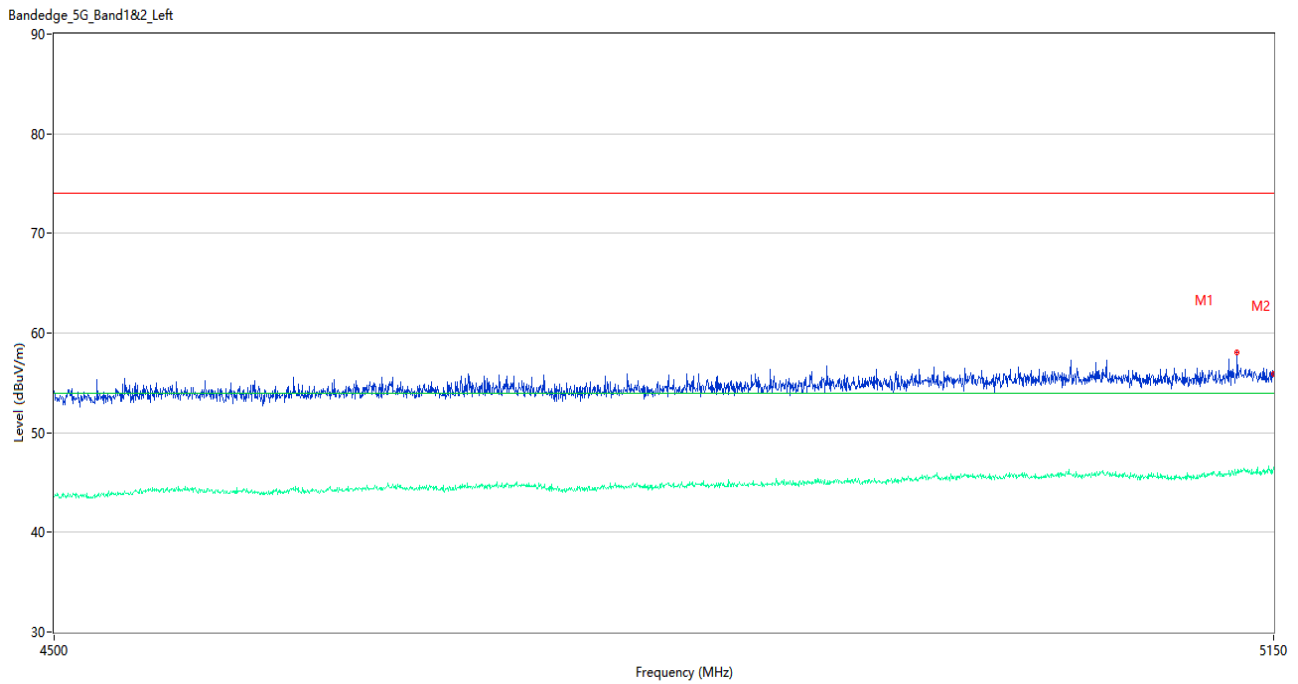
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5145.450	60.93	74.0	13.07	Peak	124.00	100	Horizontal	Pass
1**	5145.450	49.27	54.0	4.73	AV	124.00	100	Horizontal	Pass
2	5150.000	60.47	74.0	13.53	Peak	124.00	100	Horizontal	Pass
2**	5150.000	50.76	54.0	3.24	AV	124.00	100	Horizontal	Pass

U-NII-1 11n40 High Channel



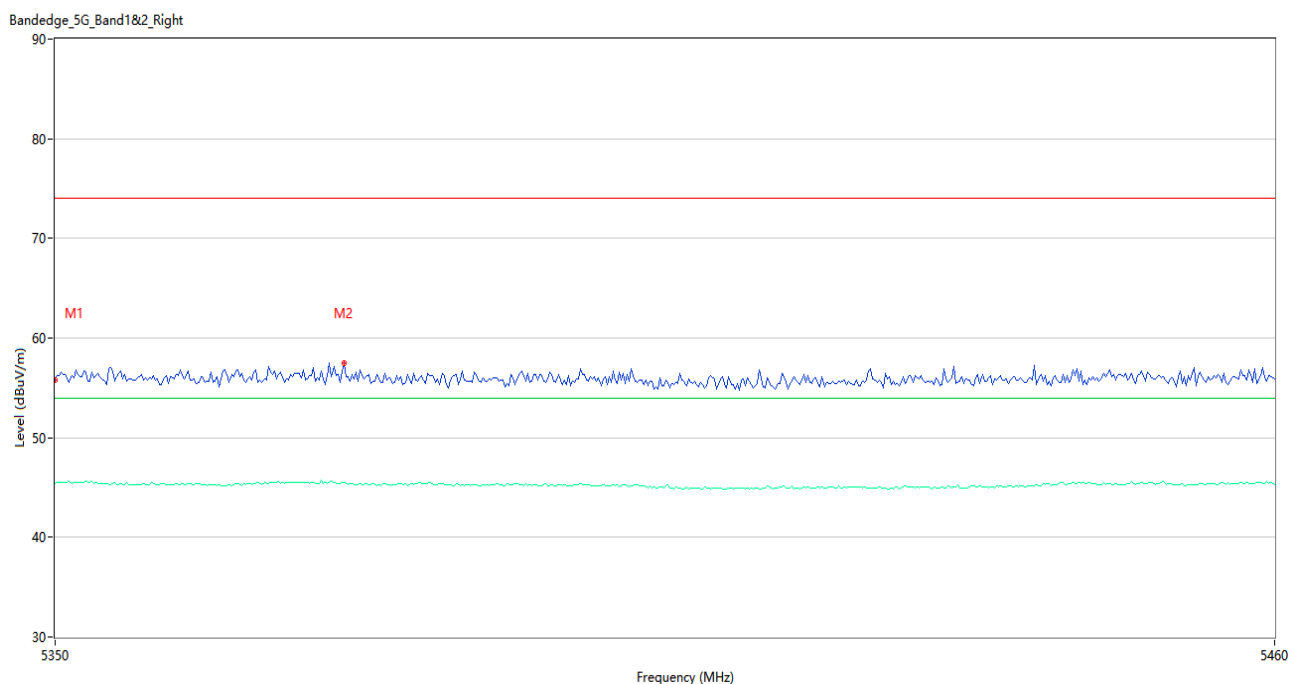
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.98	74.0	18.02	Peak	6.00	100	Horizontal	Pass
1**	5350.000	45.32	54.0	8.68	AV	6.00	100	Horizontal	Pass
2	5449.734	57.51	74.0	16.49	Peak	163.00	100	Horizontal	Pass
2**	5449.734	45.23	54.0	8.77	AV	163.00	100	Horizontal	Pass

U-NII-1 11ac20 Low Channel



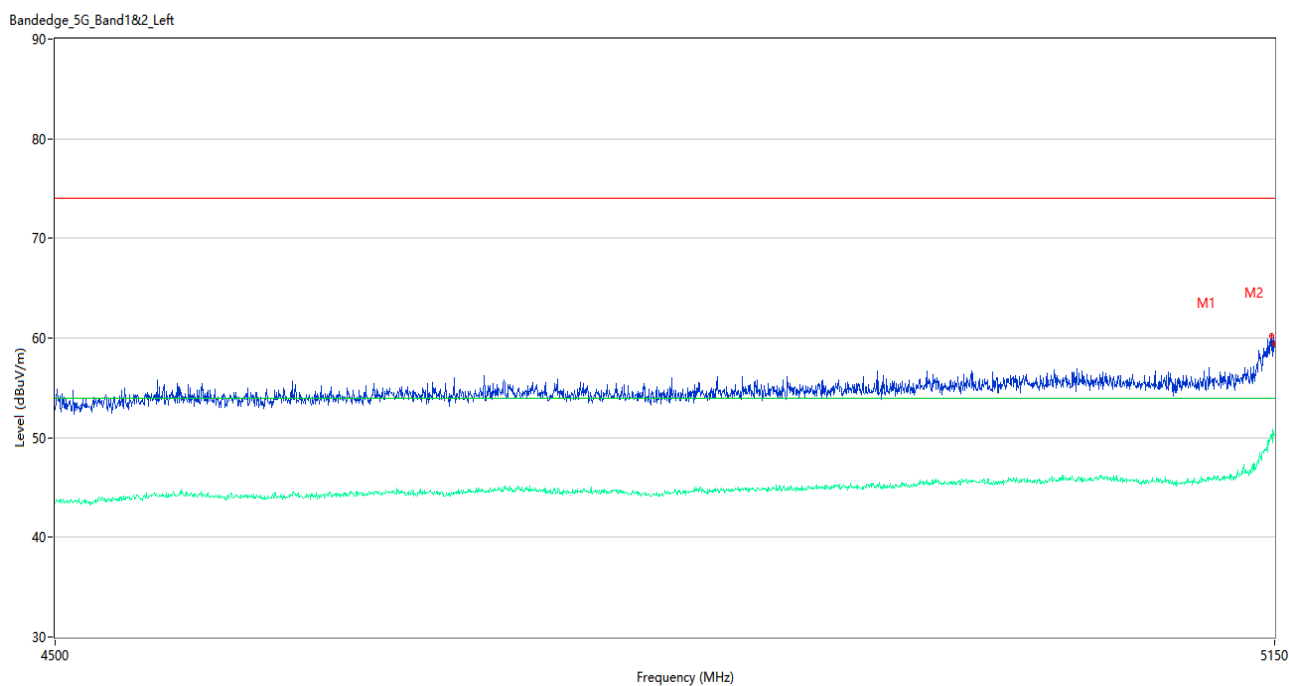
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5129.200	58.09	74.0	15.91	Peak	356.00	100	Horizontal	Pass
1**	5129.200	45.95	54.0	8.05	AV	356.00	100	Horizontal	Pass
2	5150.000	55.84	74.0	18.16	Peak	0.00	200	Horizontal	Pass
2**	5150.000	46.59	54.0	7.41	AV	0.00	200	Horizontal	Pass

U-NII-1 11ac20 High Channel



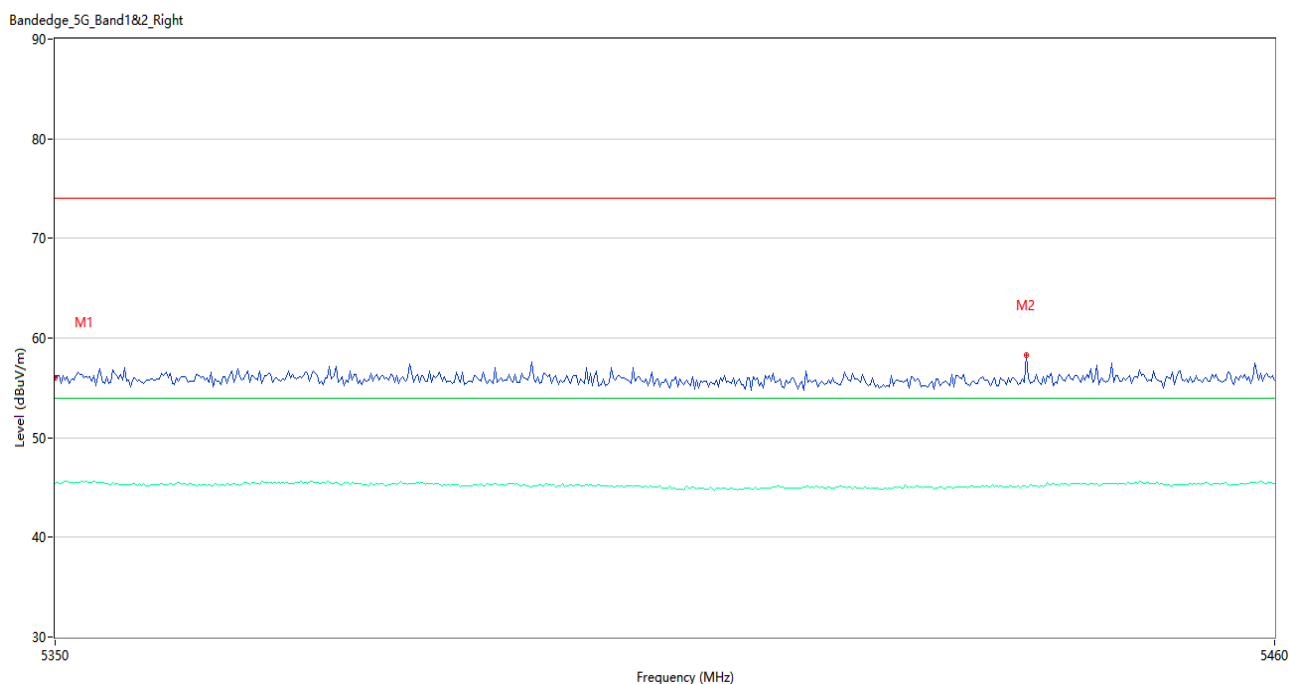
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.74	74.0	18.26	Peak	318.00	100	Horizontal	Pass
1**	5350.000	45.40	54.0	8.60	AV	318.00	100	Horizontal	Pass
2	5375.850	57.51	74.0	16.49	Peak	45.00	200	Horizontal	Pass
2**	5375.850	45.46	54.0	8.54	AV	45.00	200	Horizontal	Pass

U-NII-1 11ac40 Low Channel



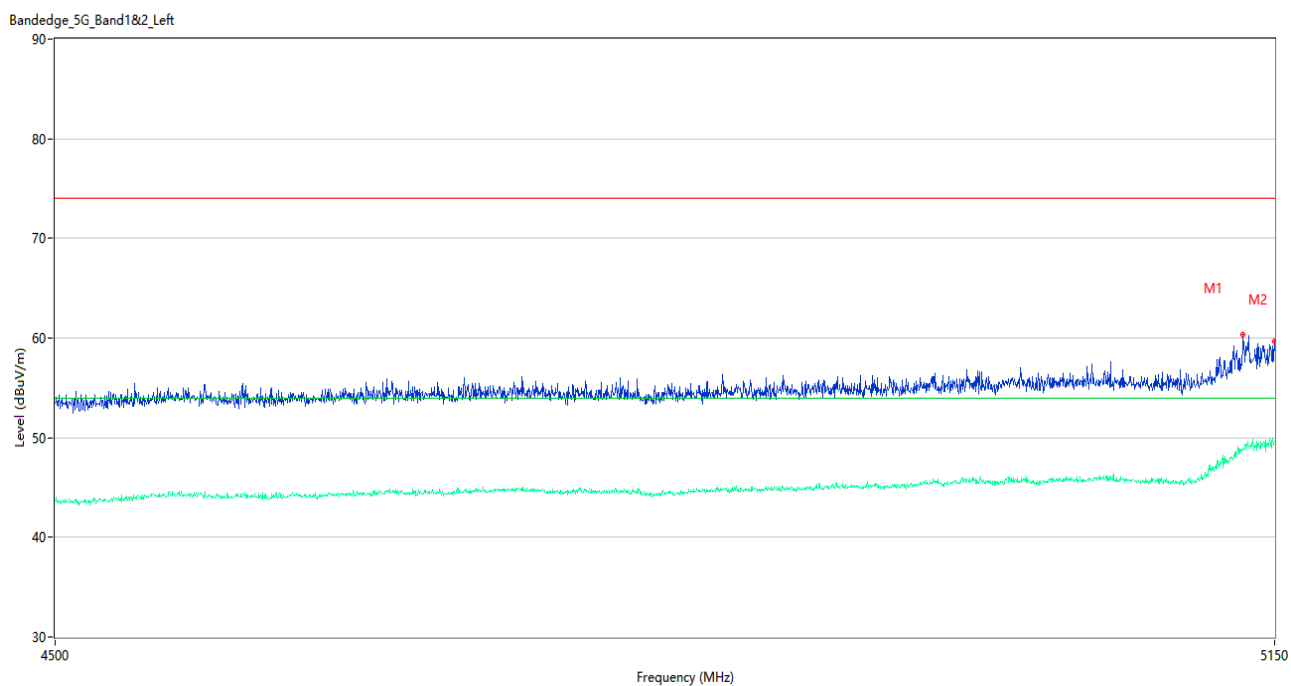
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.050	60.24	74.0	13.76	Peak	122.00	100	Horizontal	Pass
1**	5148.050	49.81	54.0	4.19	AV	122.00	100	Horizontal	Pass
2	5150.000	59.43	74.0	14.57	Peak	103.00	200	Horizontal	Pass
2**	5150.000	50.32	54.0	3.68	AV	103.00	200	Horizontal	Pass

U-NII-1 11ac40 High Channel



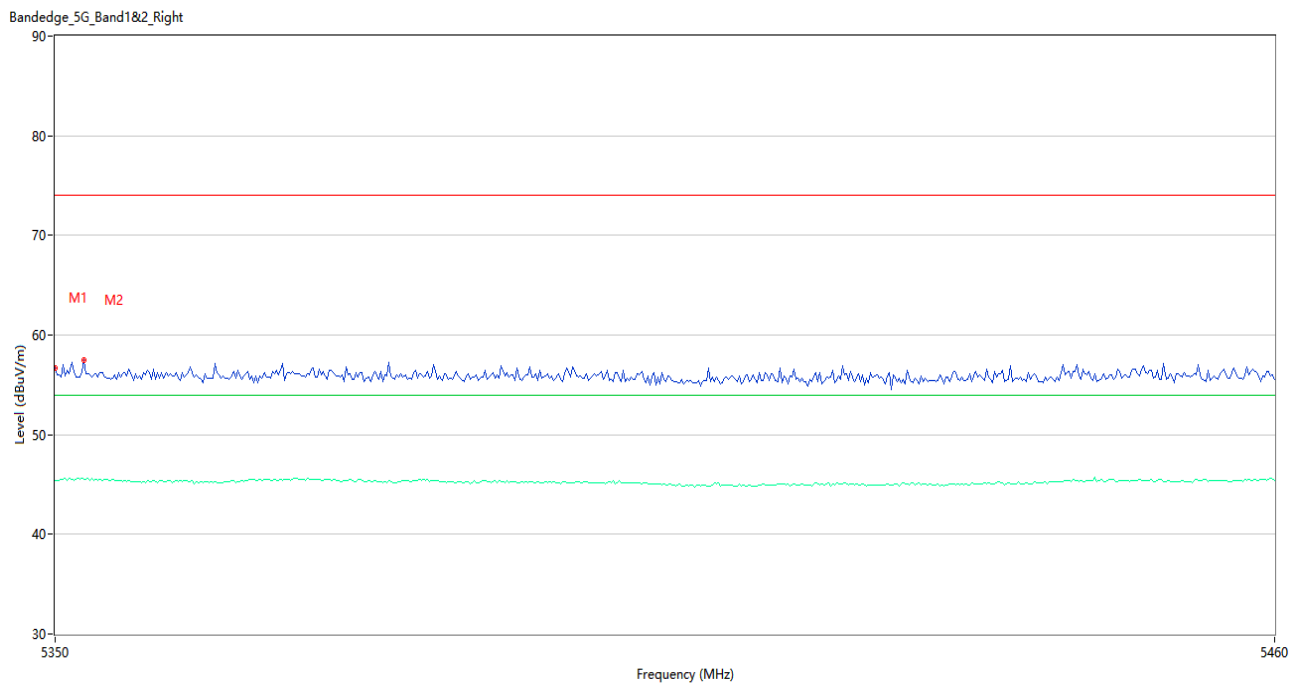
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.00	74.0	18.00	Peak	143.00	150	Horizontal	Pass
1**	5350.000	45.42	54.0	8.58	AV	143.00	150	Horizontal	Pass
2	5437.450	58.26	74.0	15.74	Peak	21.00	200	Horizontal	Pass
2**	5437.450	45.05	54.0	8.95	AV	21.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



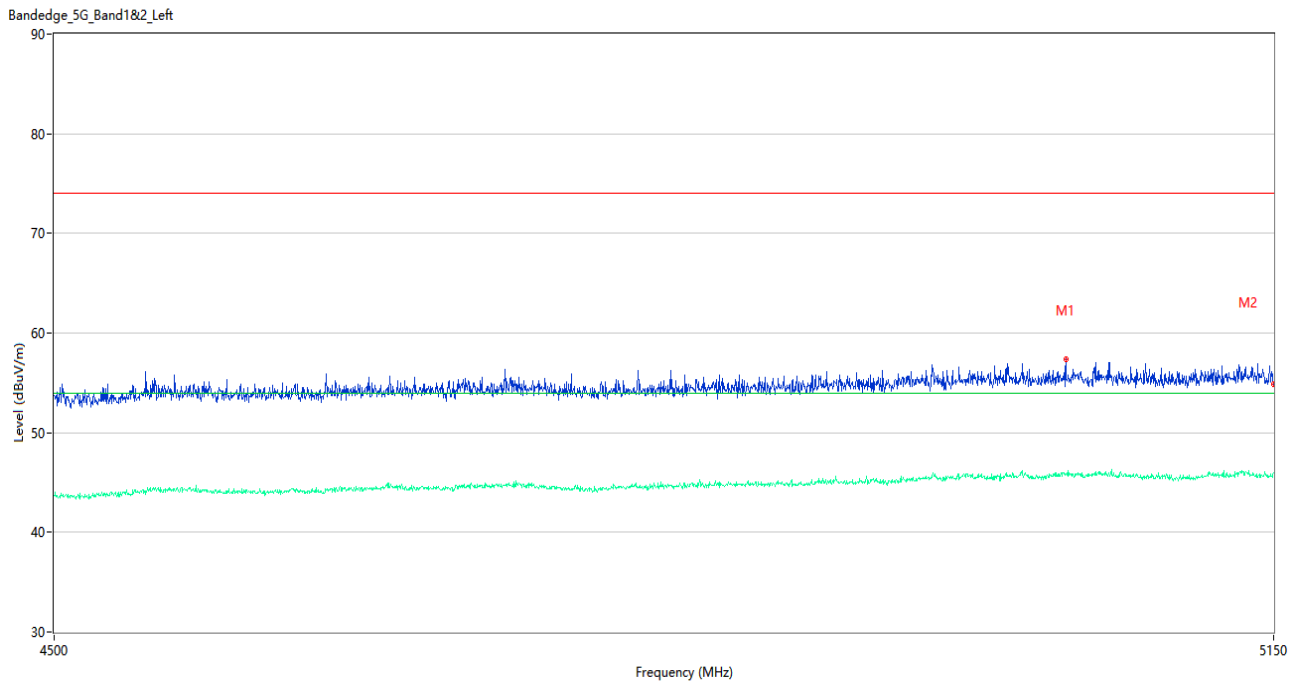
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5132.125	60.38	74.0	13.62	Peak	115.00	100	Horizontal	Pass
1**	5132.125	48.85	54.0	5.15	AV	115.00	100	Horizontal	Pass
2	5150.000	59.64	74.0	14.36	Peak	124.00	200	Horizontal	Pass
2**	5150.000	49.66	54.0	4.34	AV	124.00	200	Horizontal	Pass

U-NII-1 11ac80 Middle Channel



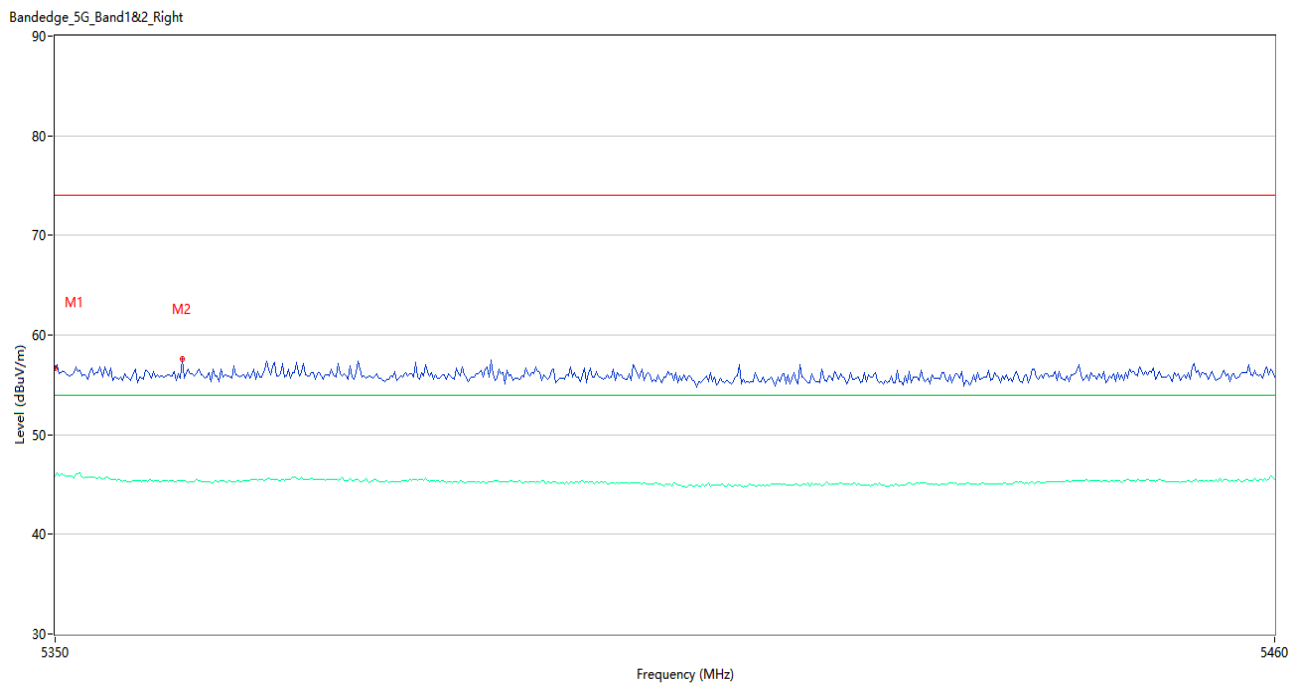
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.68	74.0	17.32	Peak	353.00	150	Horizontal	Pass
1**	5350.000	45.43	54.0	8.57	AV	353.00	150	Horizontal	Pass
2	5352.567	57.44	74.0	16.56	Peak	117.00	100	Horizontal	Pass
2**	5352.567	45.56	54.0	8.44	AV	117.00	100	Horizontal	Pass

U-NII-2A 11a Low Channel



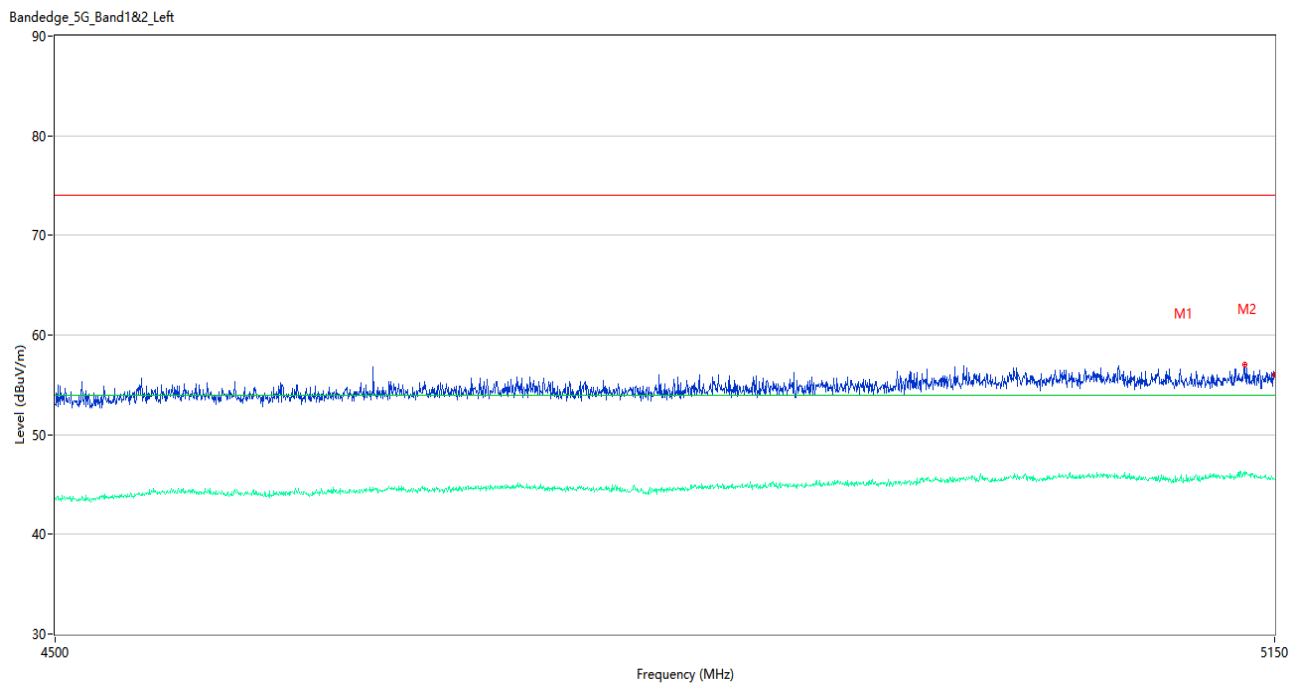
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5033.000	57.34	74.0	16.66	Peak	261.00	150	Horizontal	Pass
1**	5033.000	45.91	54.0	8.09	AV	261.00	150	Horizontal	Pass
2	5150.000	54.85	74.0	19.15	Peak	231.00	200	Horizontal	Pass
2**	5150.000	45.97	54.0	8.03	AV	231.00	200	Horizontal	Pass

U-NII-2A 11a High Channel



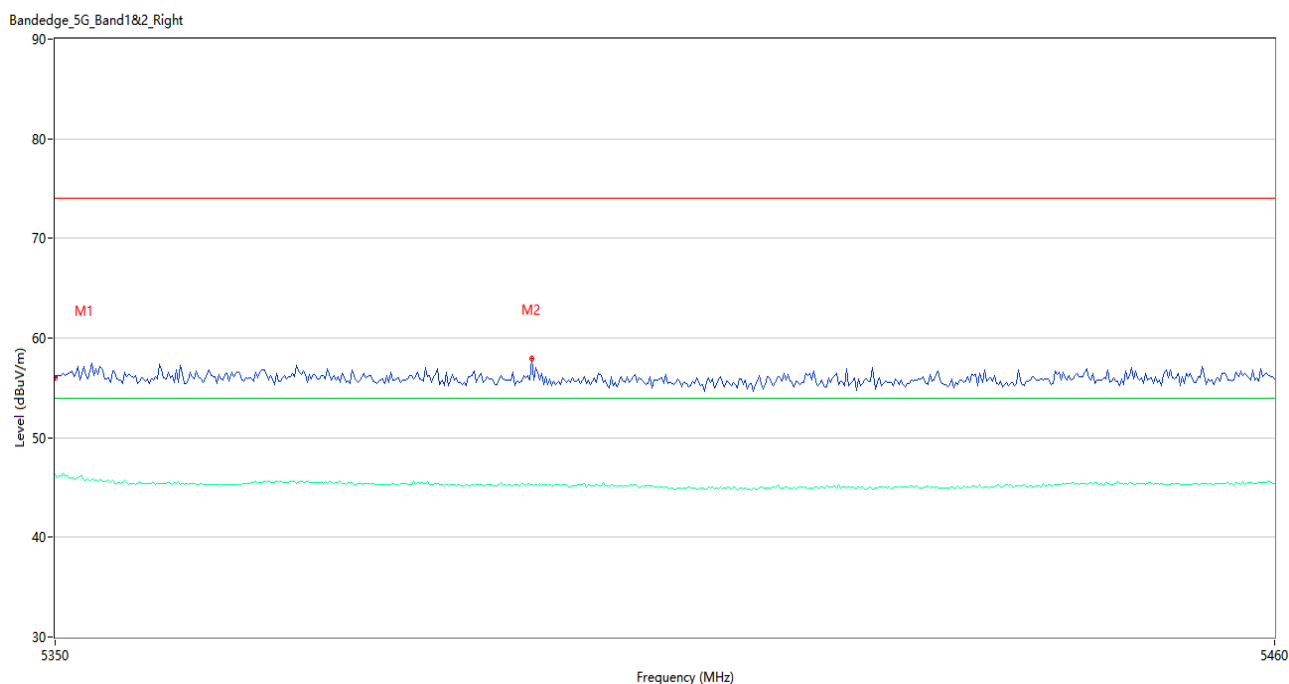
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.68	74.0	17.32	Peak	354.00	150	Horizontal	Pass
1**	5350.000	45.90	54.0	8.10	AV	354.00	150	Horizontal	Pass
2	5361.367	57.59	74.0	16.41	Peak	107.00	150	Horizontal	Pass
2**	5361.367	45.37	54.0	8.63	AV	107.00	150	Horizontal	Pass

U-NII-2A 11n20 Low Channel



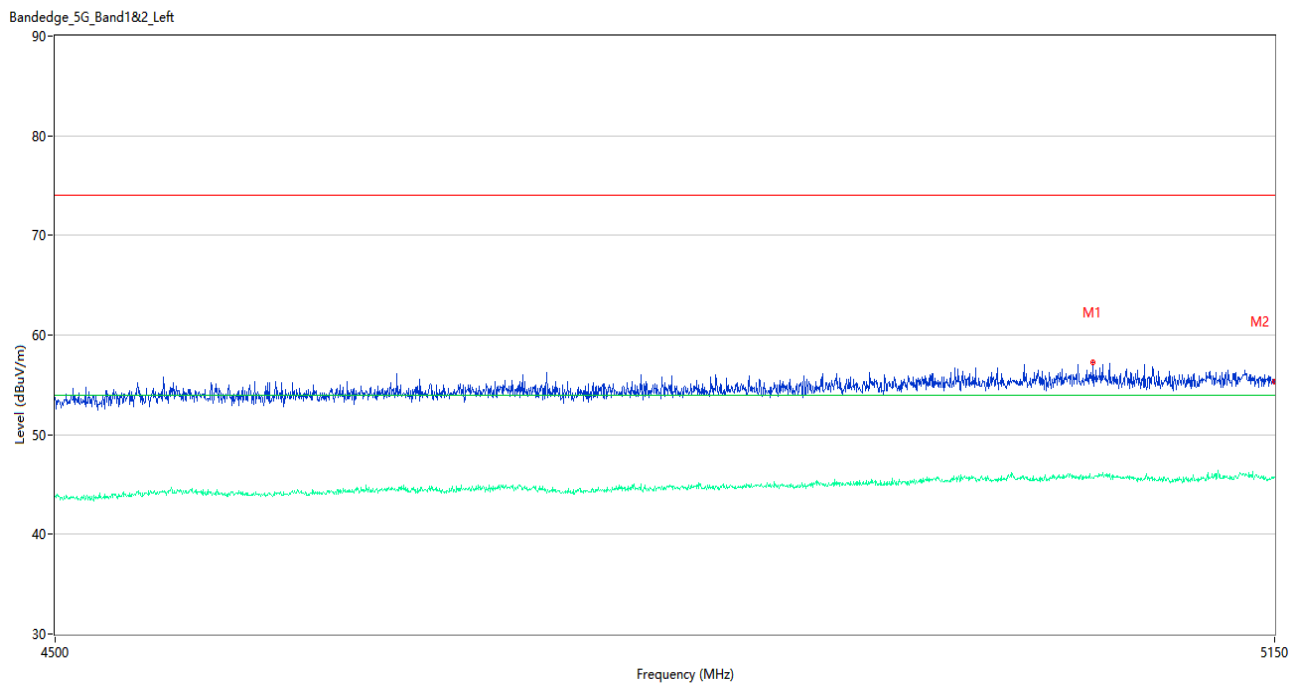
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5132.775	57.03	74.0	16.97	Peak	342.00	150	Horizontal	Pass
1**	5132.775	46.25	54.0	7.75	AV	342.00	150	Horizontal	Pass
2	5150.000	56.02	74.0	17.98	Peak	73.00	200	Horizontal	Pass
2**	5150.000	45.57	54.0	8.43	AV	73.00	200	Horizontal	Pass

U-NII-2A 11n20 High Channel



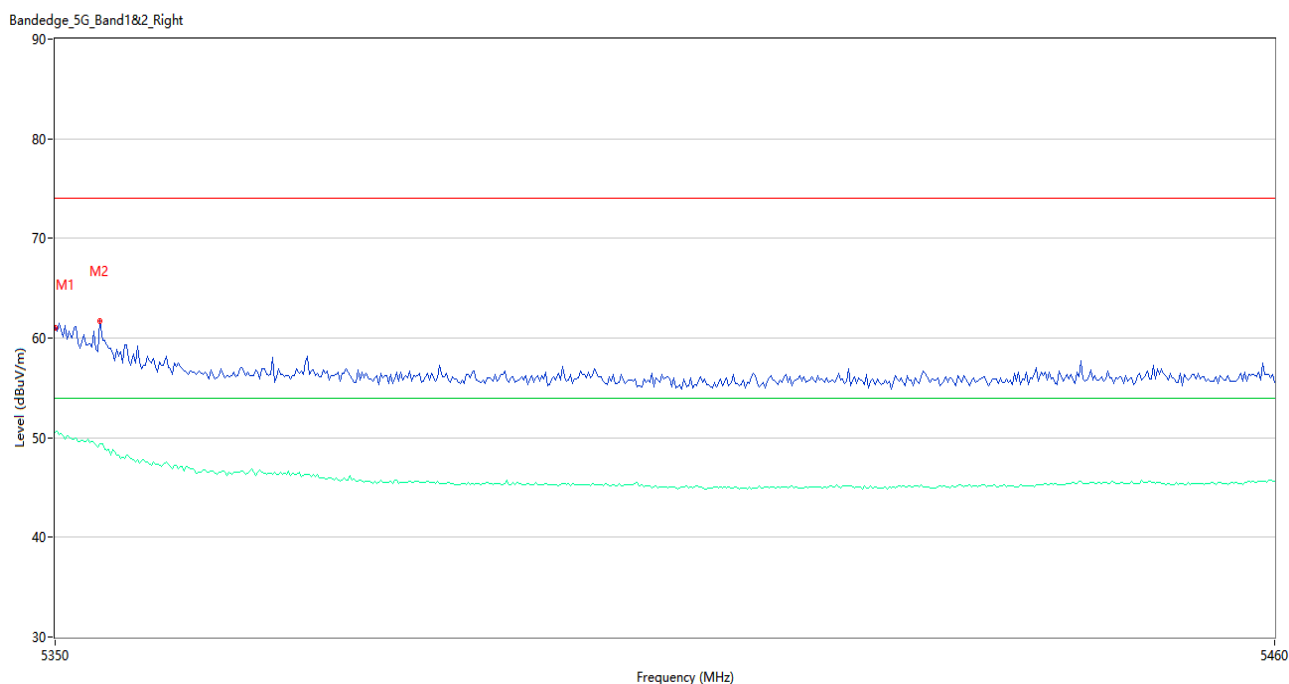
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.01	74.0	17.99	Peak	326.00	200	Horizontal	Pass
1**	5350.000	46.27	54.0	7.73	AV	326.00	200	Horizontal	Pass
2	5392.717	57.90	74.0	16.10	Peak	150.00	200	Horizontal	Pass
2**	5392.717	45.26	54.0	8.74	AV	150.00	200	Horizontal	Pass

U-NII-2A 11n40 Low Channel



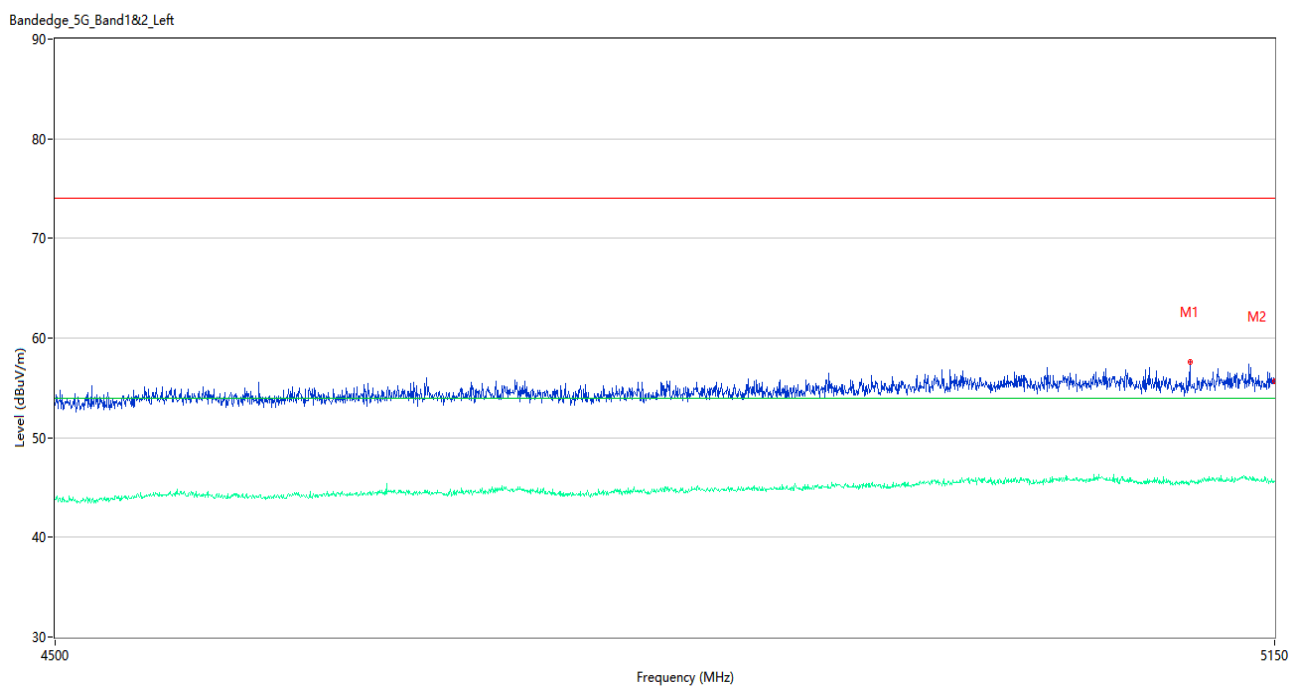
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5047.625	57.24	74.0	16.76	Peak	334.00	200	Horizontal	Pass
1**	5047.625	45.62	54.0	8.38	AV	334.00	200	Horizontal	Pass
2	5150.000	55.27	74.0	18.73	Peak	306.00	200	Horizontal	Pass
2**	5150.000	45.74	54.0	8.26	AV	306.00	200	Horizontal	Pass

U-NII-2A 11n40 High Channel



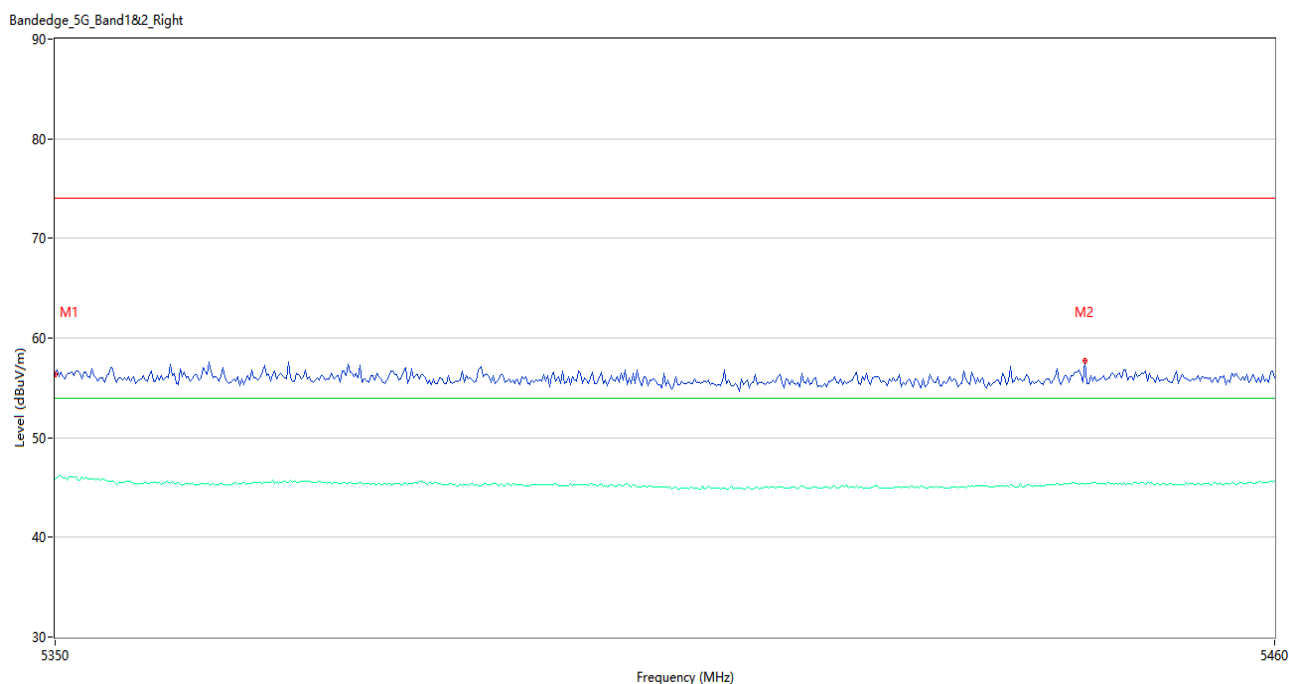
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.97	74.0	13.03	Peak	128.00	100	Horizontal	Pass
1**	5350.000	50.54	54.0	3.46	AV	128.00	100	Horizontal	Pass
2	5354.033	61.75	74.0	12.25	Peak	128.00	100	Horizontal	Pass
2**	5354.033	49.38	54.0	4.62	AV	128.00	100	Horizontal	Pass

U-NII-2A 11ac20 Low Channel



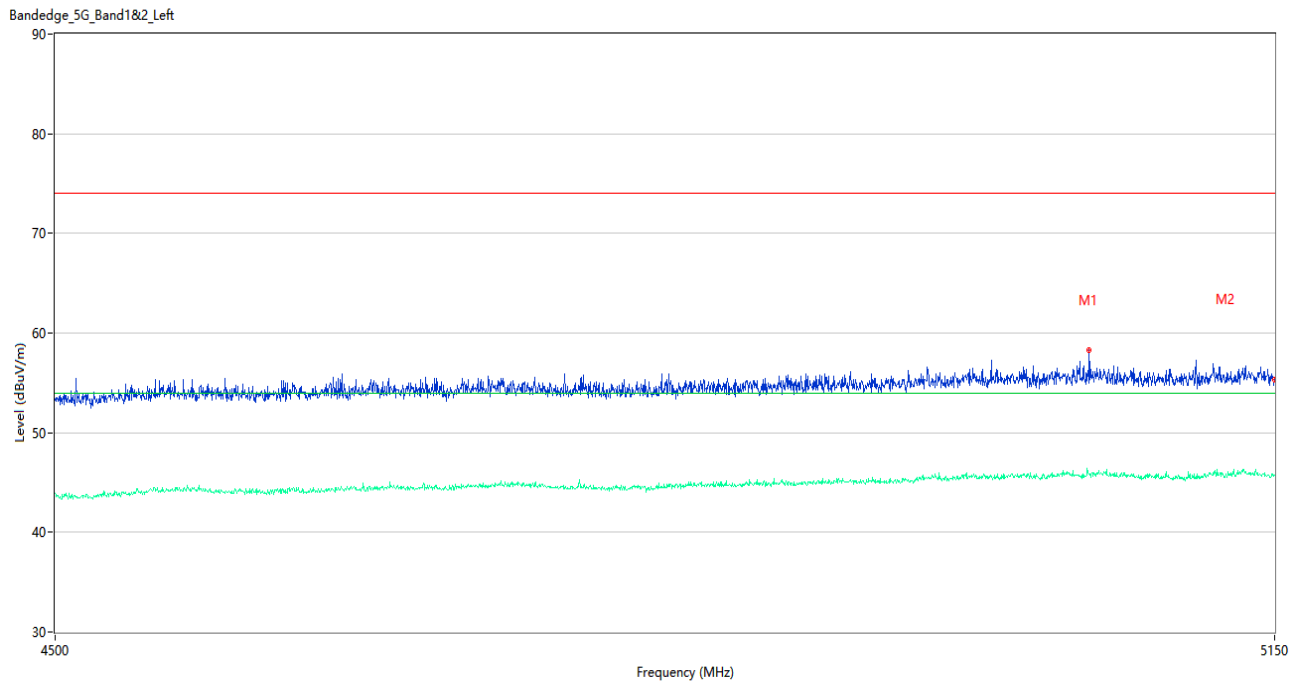
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5101.900	57.58	74.0	16.42	Peak	279.00	200	Horizontal	Pass
1**	5101.900	45.54	54.0	8.46	AV	279.00	200	Horizontal	Pass
2	5150.000	55.64	74.0	18.36	Peak	359.00	200	Horizontal	Pass
2**	5150.000	45.59	54.0	8.41	AV	359.00	200	Horizontal	Pass

U-NII-2A 11ac20 High Channel



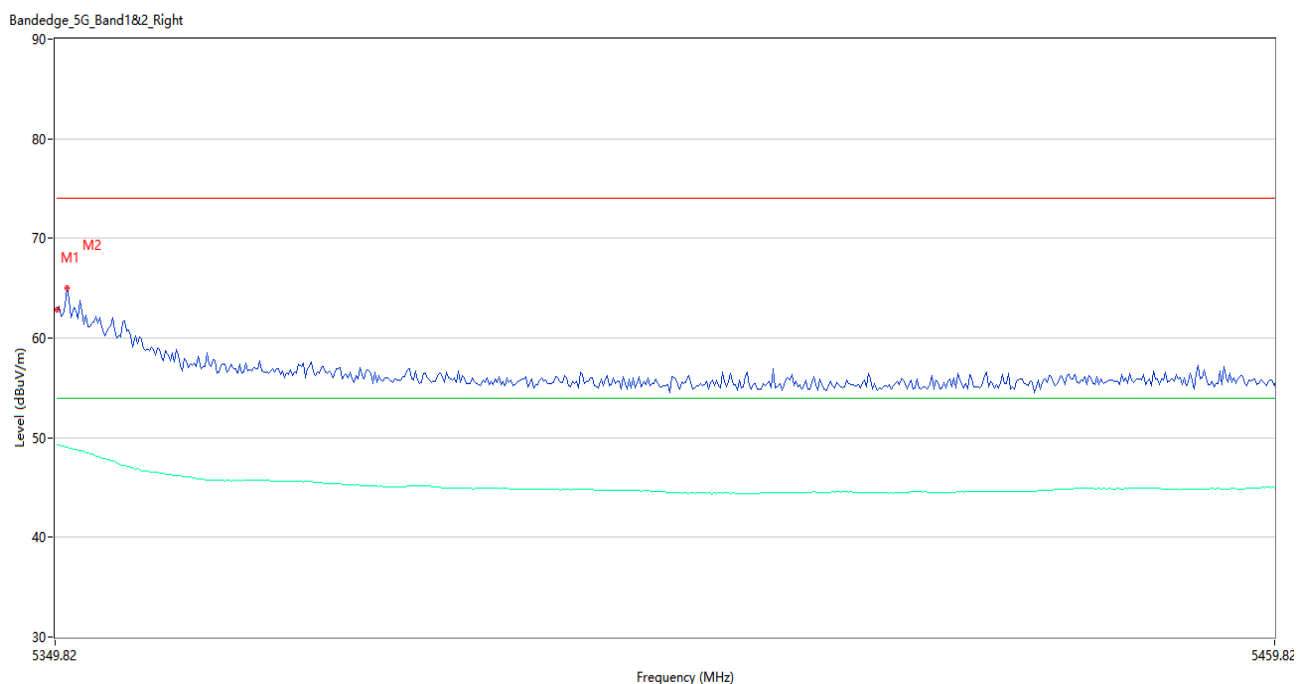
No.	Frequency (MHz)	Results (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.37	74.0	17.63	Peak	138.00	200	Horizontal	Pass
1**	5350.000	45.84	54.0	8.16	AV	138.00	200	Horizontal	Pass
2	5442.767	57.67	74.0	16.33	Peak	119.00	200	Horizontal	Pass
2**	5442.767	45.34	54.0	8.66	AV	119.00	200	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	5045.350	58.31	74.0	15.69	Peak	152.00	100	Horizontal	Pass
1**	5045.350	45.83	54.0	8.17	AV	152.00	100	Horizontal	Pass
2	5150.000	55.29	74.0	18.71	Peak	70.00	150	Horizontal	Pass
2**	5150.000	45.74	54.0	8.26	AV	70.00	150	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	62.87	74.0	11.13	Peak	0.00	100	Vertical	Pass
1**	5350.000	49.25	54.0	4.75	AV	0.00	100	Vertical	Pass
2	5350.917	65.06	74.0	8.94	Peak	0.00	100	Vertical	Pass
2**	5350.917	49.04	54.0	4.96	AV	0.00	100	Vertical	Pass