

TEST REPORT

Applicant: TOUCH DYNAMIC INC.
Address: 121 Corporate Blvd, South Plainfield, NJ 07080,
USA
Equipment Type: QuestGamingTablet
Model Name: QuestGamingTablet
Brand Name: TOUCH_DYNAMIC
FCC ID: 2BMQJ-QUESTBINGO10
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Sep. 19, 2024
Test Date: Sep. 20, 2024 - Nov. 21, 2024
Date of Issue: Jan. 15, 2025

ISSUED BY:

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Zhang Yanqing

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Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jan. 15, 2025</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Address	1st to 2nd floors, Building 1, No. 222 Xuanlan Road, Xuanqiao Town, Pudong New District, Shanghai

1.2 Test Location

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Location	1st to 2nd floors, Building 1, No. 222 Xuanlan Road, Xuanqiao Town, Pudong New District, Shanghai
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1352.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	TOUCH DYNAMIC INC.
Address	121 Corporate Blvd, South Plainfield, NJ 07080, USA

2.2 Manufacturer Information

Manufacturer	TOUCH DYNAMIC INC.
Address	121 Corporate Blvd, South Plainfield, NJ 07080, USA

2.3 General Description for Equipment under Test (EUT)

EUT Name	QuestGamingTablet
Model Name Under Test	QuestGamingTablet
Series Model Name	N/A
Description of Model name differentiation	N/A
Sample Number	SC-SH2490028-S06 SC-SH2490028-S10
Hardware Version	V1.0
Software Version	S0461_TOUCH_DYNAMIC_COMBO_20240821
Dimensions (Approx.)	L:332.9mm W:180.9mm H:21.2mm
Weight (Approx.)	1.23kg

2.4 Technical Information

Network and Wireless connectivity	Bluetooth (BR+EDR+BLE) WIFI 2.4G:11b,11g,11n(HT20/40),11ax(HE20/40) WIFI 5G:11a,11n(HT20/40), 11ac(VHT20/40/80/160),11ax(HE20/40/80/160) WIFI 6G:11ax(HE20/40/80/160) U-NII-5/6/7/8
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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
Modulation technology	OFDM, OFDMA
Modulation Type	1024QAM, 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 802.11ax: up to 1201 Mbps
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz, 160 MHz 802.11ax: 20 MHz, 40 MHz, 80 MHz, 160 MHz
Maximum Output Power	U-NII-1: 14.30 dBm U-NII-2A: 14.34 dBm U-NII-2C: 12.75 dBm U-NII-3: 13.22 dBm
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 3 dBi U-NII-2A: 5250 MHz to 5350 MHz: 3 dBi U-NII-2C: 5470 MHz to 5725 MHz: 3 dBi U-NII-3: 5725 MHz to 5850 MHz: 3 dBi
About the Product	The equipment is QuestGamingTablet, intended for used with information technology equipment.

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	155	5775
52	5260	102	5510		
56	5280	110	5550		
60	5300	151	5755		
64	5320	159	5795		
100	5500				
104	5520				
108	5540				
112	5560				
116	5580				
136	5680				
140	5700				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

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

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

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

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 (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

For 802.11ac(VHT80)/ax(HE80)

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

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

For 802.11ac(VHT160)/ax(HE160)

U-NII-2A (5250 - 5350 MHz)			U-NII-2C (5470 - 5725 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
50	Mid	5250	114	Mid	5570

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ac(160 MHz)	58.3		N/A	50	114	N/A
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
	11ax(160 MHz)	34		N/A	50	114	N/A
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ac(160 MHz)	58.3		N/A	50	114	N/A
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
	11ax(160 MHz)	34		N/A	50	114	N/A
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151

	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155
	11ac(160 MHz)	58.3		N/A	N/A	N/A	N/A
	11ax(20 MHz)	4		N/A	N/A	N/A	165/157/149
	11ax(40 MHz)	8		N/A	N/A	N/A	159/151
	11ax(80 MHz)	17		N/A	N/A	N/A	155
	11ax(160 MHz)	34		N/A	N/A	N/A	N/A
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ac(160 MHz)	58.3		N/A	50	114	N/A
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
	11ax(160 MHz)	34		N/A	50	114	N/A
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ac(160 MHz)	58.3		N/A	50	114	N/A
	11ax(20 MHz)	4		48/44/36	64/60/52	140/116/100	165/157/149
	11ax(40 MHz)	8		46/38	62/54	134/118/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
	11ax(160 MHz)	34		N/A	50	114	N/A
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
	11ac(160 MHz)	58.3		N/A	50	114	N/A
	11ax(20 MHz)	4		48/36	64/52	140/100	165/149
	11ax(40 MHz)	8		46/38	62/54	134/102	159/151
	11ax(80 MHz)	17		42	58	122/106	155
	11ax(160 MHz)	34		N/A	50	114	N/A

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 C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	N/A	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	N/A	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	N/A	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	N/A	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	N/A	ANNEX A.4	Pass
6	Conducted Emission	15.207	N/A	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	N/A	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: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	52% to 59%	
Atmospheric Pressure	101 kPa	
Temperature	NT (Normal Temperature)	+22.2°C to +24.7°C
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	MY54420147	2024.02.22	2025.02.21
Spectrum Analyzer	KEYSIGHT	N9010B	MY60240977	2024.02.22	2025.02.21
Signal Generator	Anritsu	MG3710E	6262063515	2024.02.22	2025.02.21
Wideband Radio Communication Tester	R&S	CMW500	168792	2024.02.22	2025.02.21
EMI Receiver	KEYSIGHT	N9038A	MY55330122	2024.07.09	2025.07.08
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-177	2024.03.11	2027.03.10
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-1203	2024.03.11	2027.03.10
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-2134	2024.03.11	2027.03.10
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400-KF	J211060307	2024.03.11	2027.03.10
Anechoic Chamber	YiHeng	9m*6m*6m	EMC001	2024.04.18	2027.04.17
EMI Receiver	KEYSIGHT	N9038A	MY55330115	2024.02.19	2025.02.18
LISN	SCHWARZBECK	NSLK 8127	8127-940	2024.02.25	2025.02.24
10dB Limiter	SCHWARZBECK	VTSD 9561-F	9561-F N00409	2024.02.19	2025.02.18
Shielded Room	YiHeng	5m*4m*3.2 m	EMC006	2024.02.22	2027.02.21

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable Test Setup
BL410R	BALUN	V2.1.1.496	N/A	The section 4.6.1
BL410E	BALUN	V21.919	N/A	The section 4.6.2&4.6.3&4.6.4&4.6.5

4.4 Decision Rule

☐ No Need

☒ Use General conformity decision rule (Consider uncertainty or not ☒No ☐Yes)

☐ Use Special Conformity Decision Rule (Consider uncertainty or not ☐No ☐Yes)

4.5 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	2.4 %
RF output power, conducted	0.41 dB
Power Spectral Density, conducted	1.73 dB
Unwanted Emissions, conducted	1.73 dB
All emissions, radiated	4.57 dB
Temperature	0.82 °C
Humidity	4.1 %

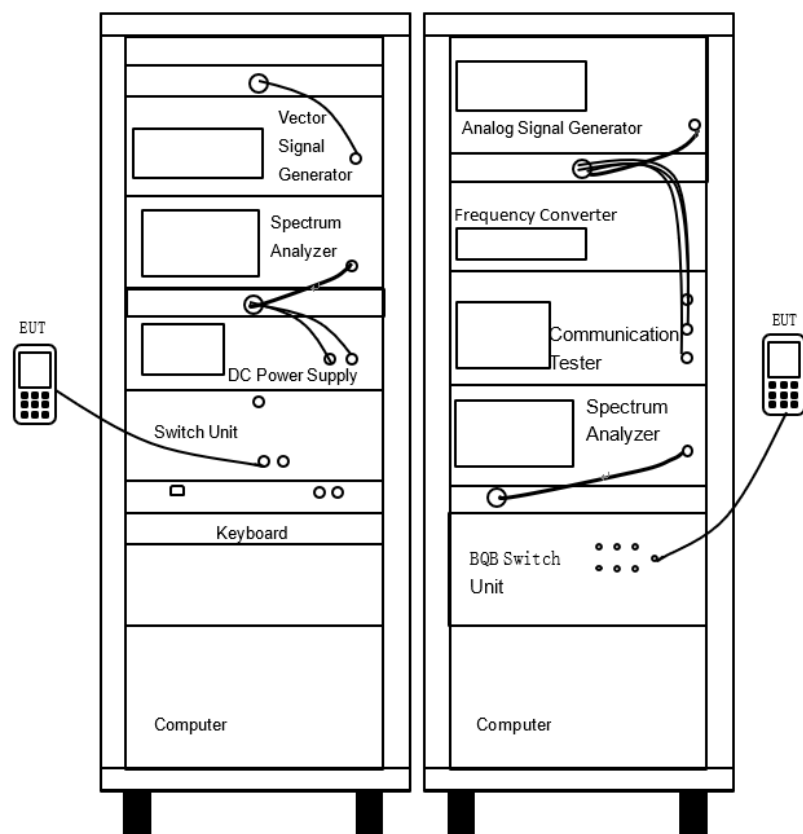
4.6 Description of Test Setup

4.6.1 For Antenna Port Test

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

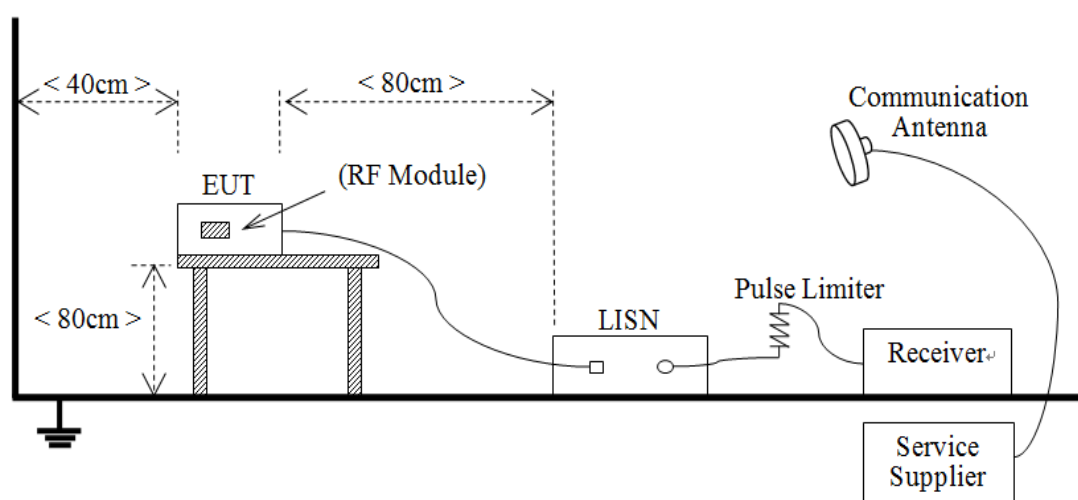
For example: the measurement value is 10 dBm and the cable 0.5 dB used, then the final result of EUT:

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



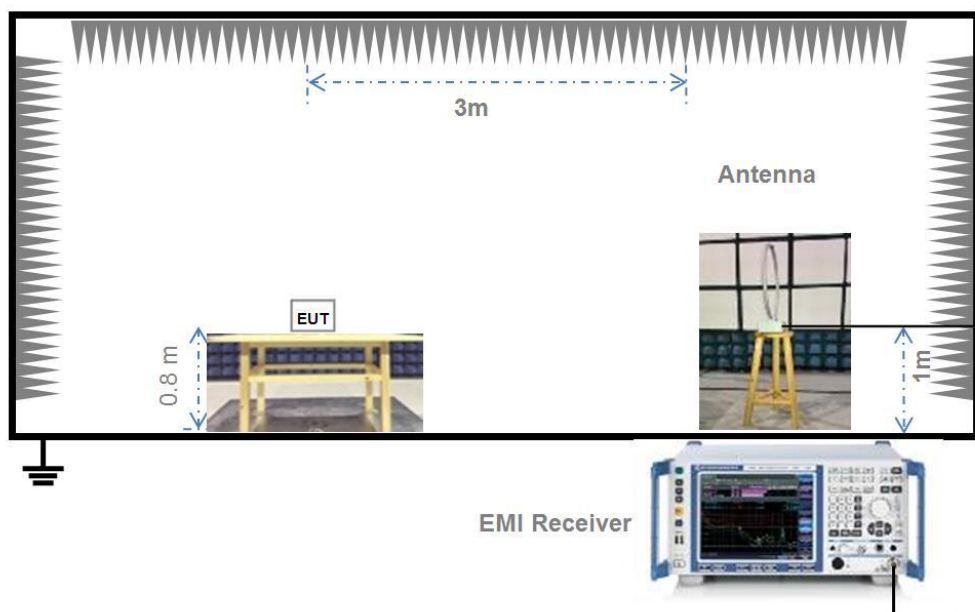
(Diagram 1)

4.6.2 For AC Power Supply Port Test



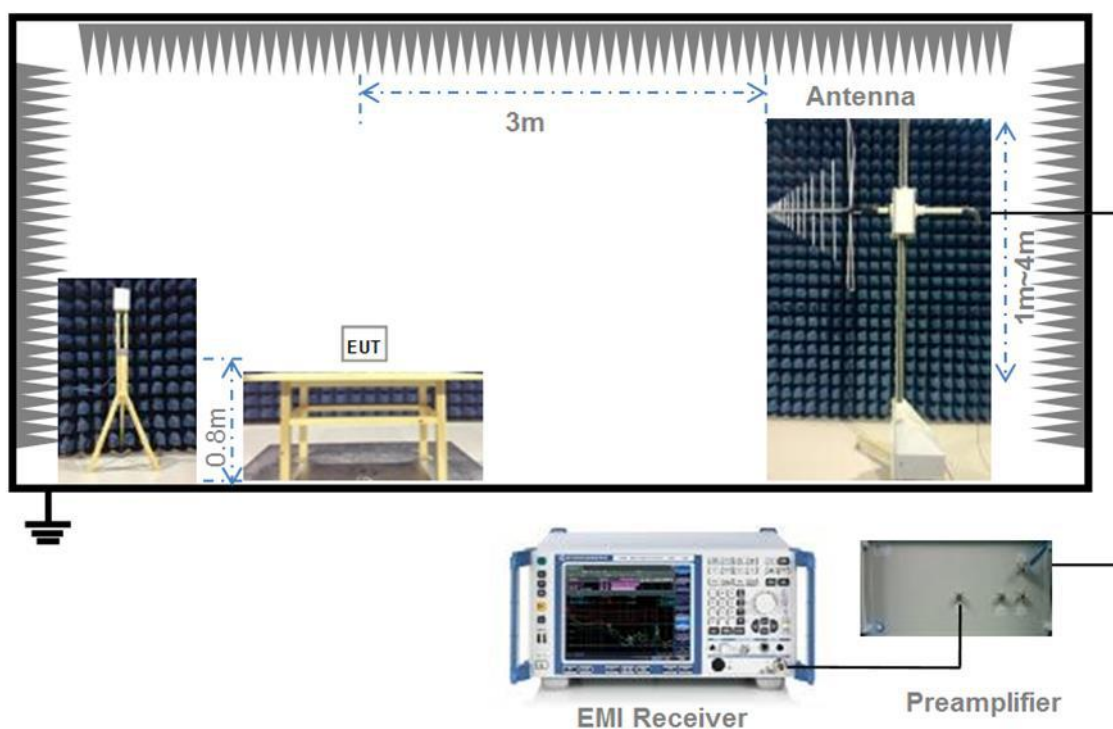
(Diagram 2)

4.6.3 For Radiated Test (Below 30 MHz)



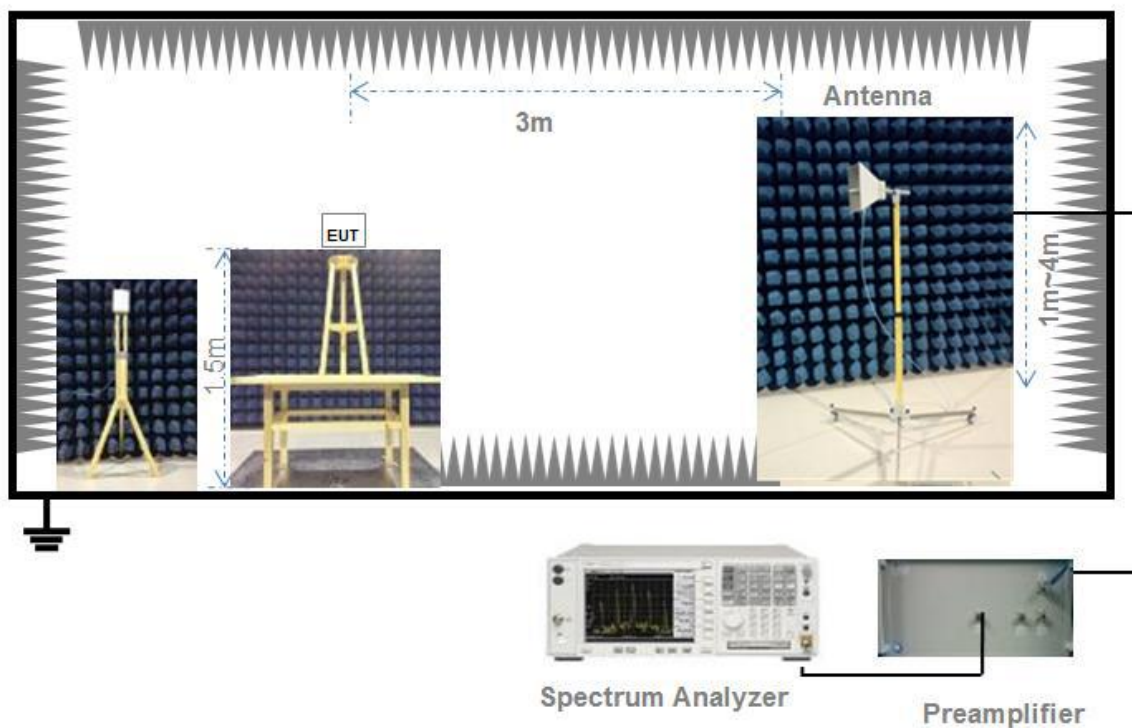
(Diagram 3)

4.6.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.6.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

The section 4.6.1 (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 $\geq$ 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 C63.4 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 4.6.1 (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 $\geq 3 \times$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW
2. Set RBW = 1% to 5% of the OBW.
3. Set VBW $\geq 3 \times$ RBW,
4. Detector = Peak.
5. Trace mode = Max hold.
6. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.
2. Detector = Peak.
3. Trace mode = Max hold.
4. Allow the trace to stabilize.
5. 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 4.6.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

The section 4.6.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

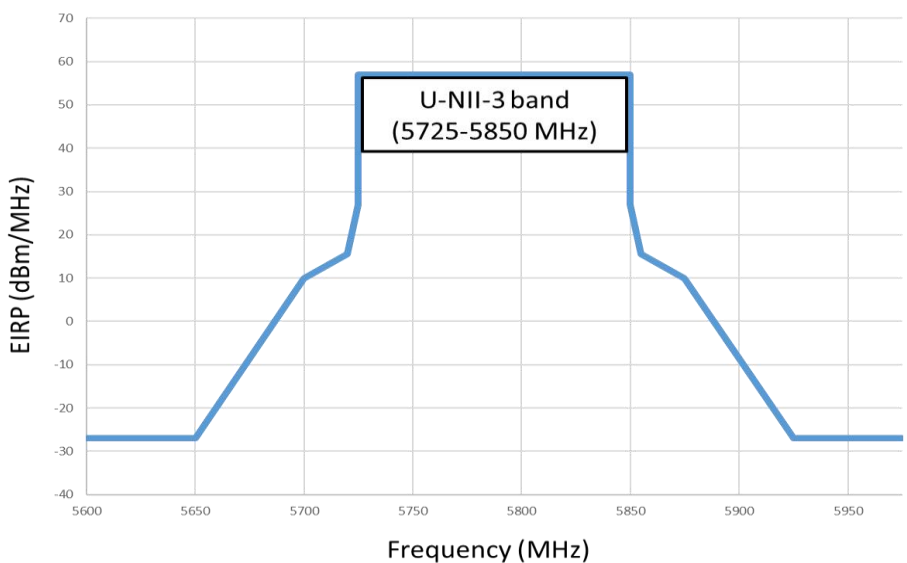
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

Note¹: The Limit for radiated test was performed according to FCC Part 15C

Note²: The tighter limit applies at the band edge.

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

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

5.5.2 Test Setup

The section 4.6.3-4.6.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the 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)
- c) 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).
- 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 $\geq 3 * \text{RBW}$.
- 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 $\geq 3 * \text{RBW}$.
- e) Detector = RMS, if $\text{span}/(\# \text{ of points in sweep}) \leq (\text{RBW}/2)$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.
- f) Averaging type = power (i.e., RMS).
 - 1) As an alternative, the detector and averaging type may be set for linear voltage averaging.
 - 2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.
- g) Sweep time = auto.
- h) Perform a trace average of at least 100 traces.
- i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:
 - 1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is $10 \log(1/x)$, where x is the duty cycle.
 - 2) If linear voltage averaging mode was used in step f), then the applicable correction factor is $20 \log(1/x)$, where x is the duty cycle.
 - 3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on

and off with the transmit cycle, then no duty cycle correction is required for that emission.

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Note 2: All the configurations were tested, but only the worst data was shown in this report.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.39	1.78	78.03%
11n (HT20)	1.30	1.68	77.28%
11n (HT40)	0.64	1.02	62.85%
11ac (VHT20)	1.31	1.67	78.34%
11ac (VHT40)	0.65	1.02	63.32%
11ac (VHT80)	0.36	0.68	52.41%
11ac (VHT160)	0.18	0.38	48.20%
11ax (HE20) (SU)	1.01	1.37	73.96%
11ax (HE40) (SU)	0.53	0.90	58.91%
11ax (HE80) (SU)	0.04	0.06	65.87%
11ax (HE160) (SU)	0.04	0.06	66.15%

Test DataConducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	14.30	26.90	250	Pass
11a	CH44	14.18	26.17	250	Pass
11a	CH48	14.11	25.75	250	Pass
11n (HT20)	CH36	13.83	24.15	250	Pass
11n (HT20)	CH44	14.06	25.47	250	Pass
11n (HT20)	CH48	13.41	21.93	250	Pass
11n (HT40)	CH38	14.03	25.28	250	Pass
11n (HT40)	CH46	14.12	25.81	250	Pass
11ac (VHT20)	CH36	13.87	24.38	250	Pass
11ac (VHT20)	CH44	14.10	25.71	250	Pass
11ac (VHT20)	CH48	14.00	25.12	250	Pass
11ac (VHT40)	CH38	14.05	25.44	250	Pass
11ac (VHT40)	CH46	14.14	25.97	250	Pass
11ac (VHT80)	CH42	13.85	24.24	250	Pass
11ax (HE20) (SU)	CH36	14.20	26.30	250	Pass
11ax (HE20) (SU)	CH44	14.21	26.36	250	Pass
11ax (HE20) (SU)	CH48	14.18	26.18	250	Pass
11ax (HE40) (SU)	CH38	13.85	24.25	250	Pass
11ax (HE40) (SU)	CH46	13.86	24.31	250	Pass
11ax (HE80) (SU)	CH42	14.35	27.24	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.21	26.35	250	Pass
11a	CH60	13.91	24.59	250	Pass
11a	CH64	14.06	25.45	250	Pass
11n (HT20)	CH52	14.10	25.70	250	Pass
11n (HT20)	CH60	13.84	24.21	250	Pass
11n (HT20)	CH64	13.84	24.21	250	Pass
11n (HT40)	CH54	14.18	26.16	250	Pass
11n (HT40)	CH62	14.01	25.16	250	Pass
11ac (VHT20)	CH52	14.09	25.65	250	Pass
11ac (VHT20)	CH60	14.34	27.17	250	Pass
11ac (VHT20)	CH64	14.32	27.04	250	Pass
11ac (VHT40)	CH54	14.20	25.44	250	Pass
11ac (VHT40)	CH62	14.03	25.97	250	Pass
11ac (VHT80)	CH58	13.83	24.13	250	Pass
11ac(VHT160)	CH50	12.55	17.99	250	Pass
11ax (HE20) (SU)	CH52	14.17	26.12	250	Pass
11ax (HE20) (SU)	CH60	14.18	26.18	250	Pass
11ax (HE20) (SU)	CH64	14.18	26.18	250	Pass
11ax (HE40) (SU)	CH54	13.89	24.31	250	Pass
11ax (HE40) (SU)	CH62	13.81	27.24	250	Pass
11ax (HE80) (SU)	CH58	13.78	23.89	250	Pass
11ax (HE160) (SU)	CH50	13.61	22.99	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	12.61	18.23	250	Pass
11a	CH116	12.36	17.21	250	Pass
11a	CH140	12.07	16.10	250	Pass
11n (HT20)	CH100	12.04	15.99	250	Pass
11n (HT20)	CH116	12.22	16.67	250	Pass
11n (HT20)	CH140	11.99	15.81	250	Pass
11n (HT40)	CH102	12.20	16.58	250	Pass
11n (HT40)	CH118	12.21	16.62	250	Pass
11n (HT40)	CH134	12.26	16.82	250	Pass
11ac (VHT20)	CH100	12.46	17.62	250	Pass
11ac (VHT20)	CH116	12.75	18.84	250	Pass
11ac (VHT20)	CH140	12.53	17.91	250	Pass
11ac (VHT40)	CH102	12.30	24.59	250	Pass
11ac (VHT40)	CH118	12.26	25.45	250	Pass
11ac (VHT40)	CH134	12.24	16.77	250	Pass
11ac (VHT80)	CH106	12.44	17.52	250	Pass
11ac (VHT80)	CH122	12.23	16.69	250	Pass
11ac(VHT160)	CH114	10.98	12.53	250	Pass
11ax (HE20) (SU)	CH100	12.26	16.83	250	Pass
11ax (HE20) (SU)	CH116	12.35	17.18	250	Pass
11ax (HE20) (SU)	CH140	12.29	16.94	250	Pass
11ax (HE40) (SU)	CH102	12.54	26.33	250	Pass
11ax (HE40) (SU)	CH118	12.59	25.32	250	Pass
11ax (HE40) (SU)	CH134	12.50	17.77	250	Pass
11ax (HE80) (SU)	CH106	12.53	17.92	250	Pass
11ax (HE80) (SU)	CH122	12.53	17.92	250	Pass
11ax (HE160) (SU)	CH114	12.66	18.47	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	12.78	18.96	1000	Pass
11a	CH157	13.11	20.45	1000	Pass
11a	CH165	13.09	20.36	1000	Pass
11n (HT20)	CH149	12.66	18.45	1000	Pass
11n (HT20)	CH157	12.91	19.54	1000	Pass
11n (HT20)	CH165	12.44	17.54	1000	Pass
11n (HT40)	CH151	12.90	19.49	1000	Pass
11n (HT40)	CH159	12.93	19.62	1000	Pass
11ac (VHT20)	CH149	13.22	20.99	1000	Pass
11ac (VHT20)	CH157	12.87	19.37	1000	Pass
11ac (VHT20)	CH165	12.93	19.64	1000	Pass
11ac (VHT40)	CH151	12.82	19.16	1000	Pass
11ac (VHT40)	CH159	12.88	19.43	1000	Pass
11ac (VHT80)	CH155	12.88	19.39	1000	Pass
11ax (HE20) (SU)	CH149	12.99	19.91	1000	Pass
11ax (HE20) (SU)	CH157	13.03	20.09	1000	Pass
11ax (HE20) (SU)	CH165	12.74	18.79	1000	Pass
11ax (HE40) (SU)	CH151	13.20	20.88	1000	Pass
11ax (HE40) (SU)	CH159	13.15	20.64	1000	Pass
11ax (HE80) (SU)	CH155	13.15	20.67	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SH2490675-604 Data Part 1.pdf".

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	27.02	16.84
11a	CH44	21.68	16.64
11a	CH48	20.49	16.66
11n (HT20)	CH36	27.50	17.84
11n (HT20)	CH44	21.78	17.67
11n (HT20)	CH48	20.68	17.65
11n (HT40)	CH38	57.52	36.39
11n (HT40)	CH46	60.29	36.25
11ac (VHT20)	CH36	27.13	17.81
11ac (VHT20)	CH44	22.06	17.65
11ac (VHT20)	CH48	20.28	17.66
11ac (VHT40)	CH38	57.14	36.32
11ac (VHT40)	CH46	41.06	36.23
11ac (VHT80)	CH42	103.70	75.70
11ax (HE20) (SU)	CH36	23.13	18.92
11ax (HE20) (SU)	CH44	22.37	18.88
11ax (HE20) (SU)	CH48	19.89	18.81
11ax (HE40) (SU)	CH38	43.74	37.68
11ax (HE40) (SU)	CH46	41.54	37.69
11ax (HE80) (SU)	CH42	82.30	76.72

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	24.61	16.63
11a	CH60	27.43	16.95
11a	CH64	26.68	16.85
11n (HT20)	CH52	21.71	17.60
11n (HT20)	CH60	29.53	17.90
11n (HT20)	CH64	28.58	17.82
11n (HT40)	CH54	53.61	36.23
11n (HT40)	CH62	57.40	36.64
11ac (VHT20)	CH52	21.69	17.57
11ac (VHT20)	CH60	30.14	17.92
11ac (VHT20)	CH64	28.62	17.80
11ac (VHT40)	CH54	40.69	36.15
11ac (VHT40)	CH62	60.67	36.58
11ac (VHT80)	CH58	110.90	76.01
11ac(VHT160)	CH50	173.30	153.67
11ax (HE20) (SU)	CH52	21.86	18.87
11ax (HE20) (SU)	CH60	21.08	18.89
11ax (HE20) (SU)	CH64	21.96	18.89
11ax (HE40) (SU)	CH54	39.52	37.64
11ax (HE40) (SU)	CH62	40.81	37.67
11ax (HE80) (SU)	CH58	82.50	76.73
11ax (HE160) (SU)	CH50	162.10	155.60

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	27.73	16.85
11a	CH116	25.57	16.72
11a	CH140	27.00	16.87
11n (HT20)	CH100	27.72	17.85
11n (HT20)	CH116	22.52	17.62
11n (HT20)	CH140	26.33	17.75
11n (HT40)	CH102	56.86	36.44
11n (HT40)	CH118	53.87	36.30
11n (HT40)	CH134	64.79	36.65
11ac (VHT20)	CH100	26.93	17.74
11ac (VHT20)	CH116	21.76	17.62
11ac (VHT20)	CH140	26.35	17.73
11ac (VHT40)	CH102	57.89	36.50
11ac (VHT40)	CH118	41.31	36.21
11ac (VHT40)	CH134	65.09	36.58
11ac (VHT80)	CH106	107.90	75.94
11ac (VHT80)	CH122	84.88	75.61
11ac(VHT160)	CH50	168.80	153.55
11ax (HE20) (SU)	CH100	23.49	18.91
11ax (HE20) (SU)	CH116	23.55	18.89
11ax (HE20) (SU)	CH140	25.95	18.94
11ax (HE40) (SU)	CH102	40.10	37.66
11ax (HE40) (SU)	CH118	39.91	37.66
11ax (HE40) (SU)	CH134	54.11	37.74
11ax (HE80) (SU)	CH106	82.02	76.83
11ax (HE80) (SU)	CH122	85.03	76.74
11ax (HE160) (SU)	CH50	162.40	155.62

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	26.40	16.97
11a	CH157	26.19	16.76
11a	CH165	25.56	16.76
11n (HT20)	CH149	24.68	17.75
11n (HT20)	CH157	24.73	17.65
11n (HT20)	CH165	22.92	17.69
11n (HT40)	CH151	53.45	36.36
11n (HT40)	CH159	61.91	36.36
11ac (VHT20)	CH149	24.52	17.72
11ac (VHT20)	CH157	21.78	17.63
11ac (VHT20)	CH165	26.39	17.74
11ac (VHT40)	CH151	53.37	36.45
11ac (VHT40)	CH159	41.34	36.23
11ac (VHT80)	CH155	99.38	75.64
11ax (HE20) (SU)	CH149	24.43	18.90
11ax (HE20) (SU)	CH157	25.98	18.90
11ax (HE20) (SU)	CH165	22.79	18.91
11ax (HE40) (SU)	CH151	53.55	37.67
11ax (HE40) (SU)	CH159	41.70	37.69
11ax (HE80) (SU)	CH155	82.32	76.81

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SH2490675-604 Data Part 2.pdf".

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.30	500.00	Pass
11a	CH165	13.90	500.00	Pass
11n (HT20)	CH149	15.30	500.00	Pass
11n (HT20)	CH157	15.30	500.00	Pass
11n (HT20)	CH165	15.30	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	15.30	500.00	Pass
11ac (VHT20)	CH157	15.30	500.00	Pass
11ac (VHT20)	CH165	15.30	500.00	Pass
11ac (VHT40)	CH151	35.30	500.00	Pass
11ac (VHT40)	CH159	35.30	500.00	Pass
11ac (VHT80)	CH155	75.30	500.00	Pass
11ax (HE20) (SU)	CH149	15.30	500.00	Pass
11ax (HE20) (SU)	CH157	15.60	500.00	Pass
11ax (HE20) (SU)	CH165	15.60	500.00	Pass
11ax (HE40) (SU)	CH151	36.40	500.00	Pass
11ax (HE40) (SU)	CH159	35.40	500.00	Pass
11ax (HE80) (SU)	CH155	75.30	500.00	Pass

A.4 Power Spectral Density

Note¹: Test plots please refer to the document "Annex No.: BL-SH2490675-604 Data Part 3.pdf".

Note²: The RBW used in U-NII-3 is 1 MHz, and the PSD factor is: $10 \cdot \log(500 \text{ kHz/RBW}) = -3 \text{ dBm}$.

Note³: Power Spectral Density=Measure Power Spectral Density+10 log (1/Duty cycle)

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.04	11.00	Pass
11a	CH44	3.70	11.00	Pass
11a	CH48	3.47	11.00	Pass
11n (HT20)	CH36	3.35	11.00	Pass
11n (HT20)	CH44	3.50	11.00	Pass
11n (HT20)	CH48	2.72	11.00	Pass
11n (HT40)	CH38	0.19	11.00	Pass
11n (HT40)	CH46	0.47	11.00	Pass
11ac (VHT20)	CH36	3.28	11.00	Pass
11ac (VHT20)	CH44	3.78	11.00	Pass
11ac (VHT20)	CH48	3.31	11.00	Pass
11ac (VHT40)	CH38	0.25	11.00	Pass
11ac (VHT40)	CH46	0.65	11.00	Pass
11ac (VHT80)	CH42	-2.90	11.00	Pass
11ax (HE20) (SU)	CH36	3.12	11.00	Pass
11ax (HE20) (SU)	CH44	3.39	11.00	Pass
11ax (HE20) (SU)	CH48	3.41	11.00	Pass
11ax (HE40) (SU)	CH38	-0.05	11.00	Pass
11ax (HE40) (SU)	CH46	0.12	11.00	Pass
11ax (HE80) (SU)	CH42	-1.60	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	3.99	11.00	Pass
11a	CH60	3.66	11.00	Pass
11a	CH64	3.93	11.00	Pass
11n (HT20)	CH52	3.70	11.00	Pass
11n (HT20)	CH60	3.17	11.00	Pass
11n (HT20)	CH64	3.36	11.00	Pass
11n (HT40)	CH54	0.57	11.00	Pass
11n (HT40)	CH62	0.44	11.00	Pass
11ac (VHT20)	CH52	3.35	11.00	Pass
11ac (VHT20)	CH60	3.82	11.00	Pass
11ac (VHT20)	CH64	3.97	11.00	Pass
11ac (VHT40)	CH54	0.67	11.00	Pass
11ac (VHT40)	CH62	0.36	11.00	Pass
11ac (VHT80)	CH58	-2.66	11.00	Pass
11ac (VHT160)	CH50	-6.17	11.00	Pass
11ax (HE20) (SU)	CH52	3.38	11.00	Pass
11ax (HE20) (SU)	CH60	3.14	11.00	Pass
11ax (HE20) (SU)	CH64	3.25	11.00	Pass
11ax (HE40) (SU)	CH54	0.24	11.00	Pass
11ax (HE40) (SU)	CH62	0.23	11.00	Pass
11ax (HE80) (SU)	CH58	-2.32	11.00	Pass
11ax (HE160) (SU)	CH50	-4.86	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	2.31	11.00	Pass
11a	CH116	1.87	11.00	Pass
11a	CH140	1.67	11.00	Pass
11n (HT20)	CH100	1.85	11.00	Pass
11n (HT20)	CH116	1.58	11.00	Pass
11n (HT20)	CH140	1.44	11.00	Pass
11n (HT40)	CH102	-1.21	11.00	Pass
11n (HT40)	CH118	-1.27	11.00	Pass
11n (HT40)	CH134	-1.38	11.00	Pass
11ac (VHT20)	CH100	2.07	11.00	Pass
11ac (VHT20)	CH116	2.28	11.00	Pass
11ac (VHT20)	CH140	1.63	11.00	Pass
11ac (VHT40)	CH102	-1.52	11.00	Pass
11ac (VHT40)	CH118	-1.67	11.00	Pass
11ac (VHT40)	CH134	-1.53	11.00	Pass
11ac (VHT80)	CH106	-4.21	11.00	Pass
11ac (VHT80)	CH122	-4.41	11.00	Pass
1ac (VHT160)	CH114	-7.78	11.00	Pass
11ax (HE20) (SU)	CH100	1.35	11.00	Pass
11ax (HE20) (SU)	CH116	1.51	11.00	Pass
11ax (HE20) (SU)	CH140	1.44	11.00	Pass
11ax (HE40) (SU)	CH102	-1.12	11.00	Pass
11ax (HE40) (SU)	CH118	-1.36	11.00	Pass
11ax (HE40) (SU)	CH134	-1.06	11.00	Pass
11ax (HE80) (SU)	CH106	-3.65	11.00	Pass
11ax (HE80) (SU)	CH122	-3.49	11.00	Pass
11ax (HE160) (SU)	CH114	-6.22	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-0.38	30.00	Pass
11a	CH157	0.04	30.00	Pass
11a	CH165	0.00	30.00	Pass
11n (HT20)	CH149	-0.67	30.00	Pass
11n (HT20)	CH157	0.01	30.00	Pass
11n (HT20)	CH165	-0.41	30.00	Pass
11n (HT40)	CH151	-3.69	30.00	Pass
11n (HT40)	CH159	-3.39	30.00	Pass
11ac (VHT20)	CH149	-0.03	30.00	Pass
11ac (VHT20)	CH157	-0.34	30.00	Pass
11ac (VHT20)	CH165	-0.36	30.00	Pass
11ac (VHT40)	CH151	-3.79	30.00	Pass
11ac (VHT40)	CH159	-3.79	30.00	Pass
11ac (VHT80)	CH155	-6.45	30.00	Pass
11ax (HE20) (SU)	CH149	-0.47	30.00	Pass
11ax (HE20) (SU)	CH157	-0.80	30.00	Pass
11ax (HE20) (SU)	CH165	-0.80	30.00	Pass
11ax (HE40) (SU)	CH151	-3.43	30.00	Pass
11ax (HE40) (SU)	CH159	-3.00	30.00	Pass
11ax (HE80) (SU)	CH155	-5.13	30.00	Pass

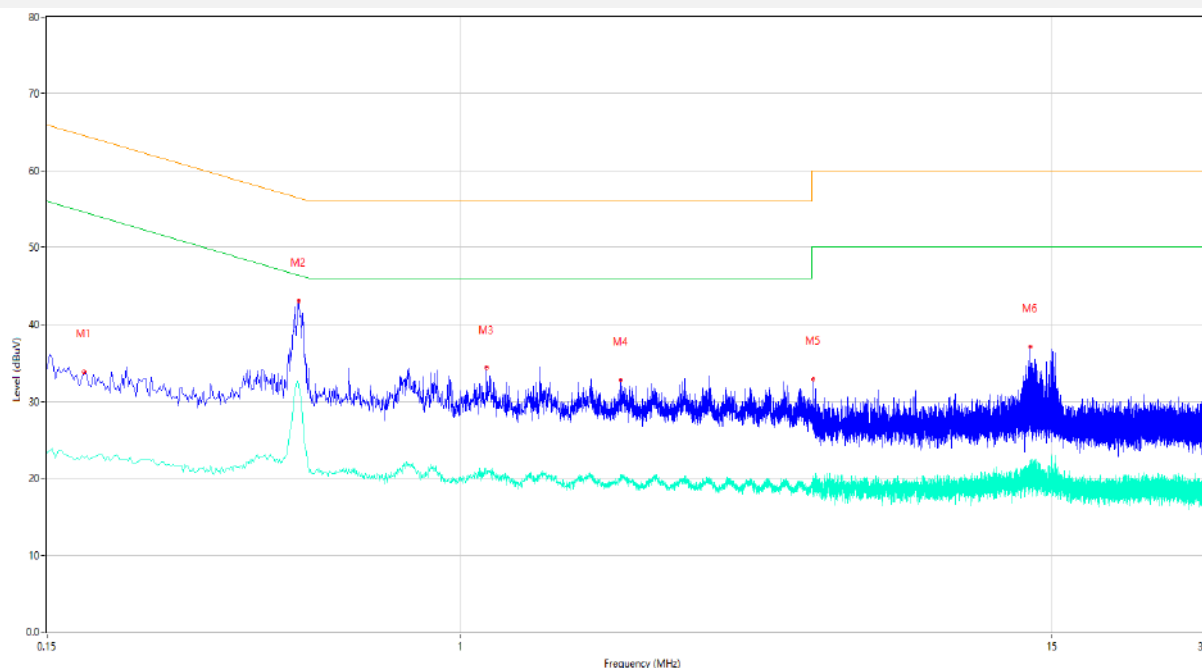
A.5 Conducted Emission

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

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

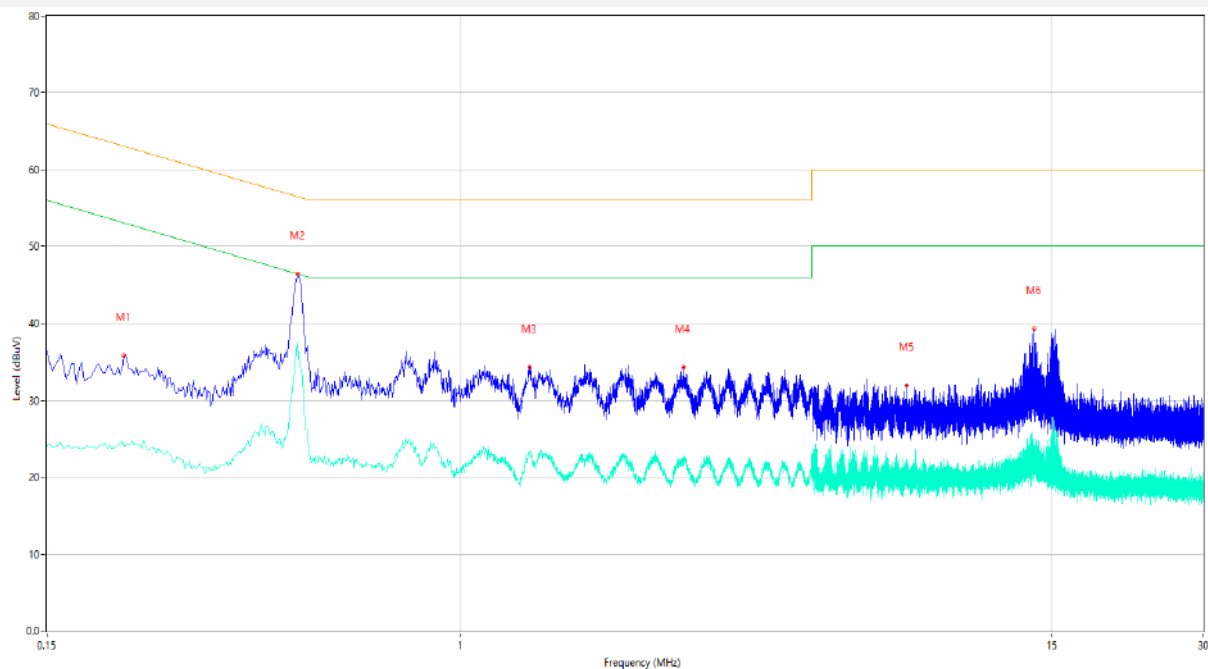
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.178	35.70	9.75	64.58	28.88	Peak	L	Pass
1**	0.178	22.48	9.75	54.58	32.10	AV	L	Pass
2	0.476	42.99	9.74	56.41	13.42	Peak	L	Pass
2**	0.476	32.17	9.74	46.41	14.24	AV	L	Pass
3	1.126	34.35	9.70	56.00	21.65	Peak	L	Pass
3**	1.126	21.32	9.70	46.00	24.68	AV	L	Pass
4	2.078	32.74	9.68	56.00	23.26	Peak	L	Pass
4**	2.078	19.71	9.68	46.00	26.29	AV	L	Pass
5	5.036	32.91	9.63	60.00	27.09	Peak	L	Pass
5**	5.036	19.96	9.63	50.00	30.04	AV	L	Pass
6	13.552	37.09	9.32	60.00	22.91	Peak	L	Pass
6**	13.552	20.82	9.32	50.00	29.18	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.214	35.84	9.76	63.05	27.21	Peak	N	Pass
1**	0.214	23.96	9.76	53.05	29.09	AV	N	Pass
2	0.474	46.44	9.80	56.44	10.00	Peak	N	Pass
2**	0.474	36.81	9.80	46.44	9.63	AV	N	Pass
3	1.368	34.32	9.86	56.00	21.68	Peak	N	Pass
3**	1.368	23.11	9.86	46.00	22.89	AV	N	Pass
4	2.772	34.31	9.85	56.00	21.69	Peak	N	Pass
4**	2.772	22.12	9.85	46.00	23.88	AV	N	Pass
5	7.724	31.89	9.79	60.00	28.11	Peak	N	Pass
5**	7.724	21.74	9.79	50.00	28.26	AV	N	Pass
6	13.834	39.31	9.57	60.00	20.69	Peak	N	Pass
6**	13.834	24.81	9.57	50.00	25.19	AV	N	Pass

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

A.6.1 Radiated Spurious Emissions

Test Data

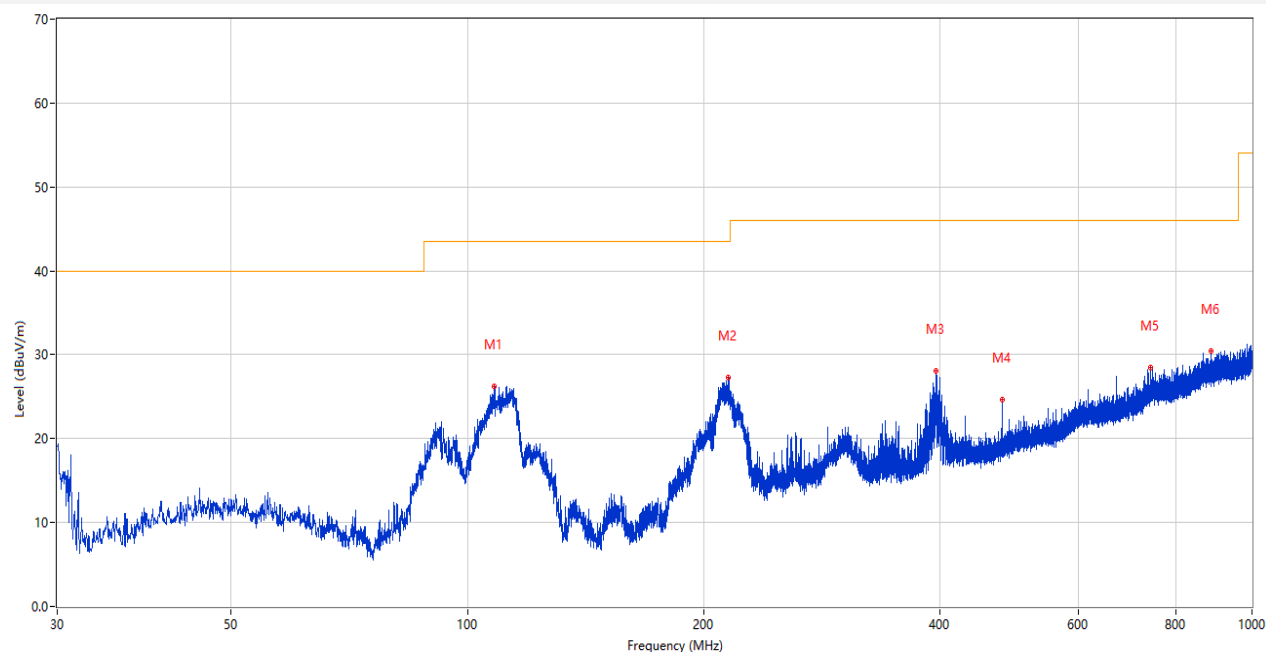
Note 1: The symbol of "--" in the table which means not application.

Note 2: For the test data above 1 GHz, According the ANSI C63.4, 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.

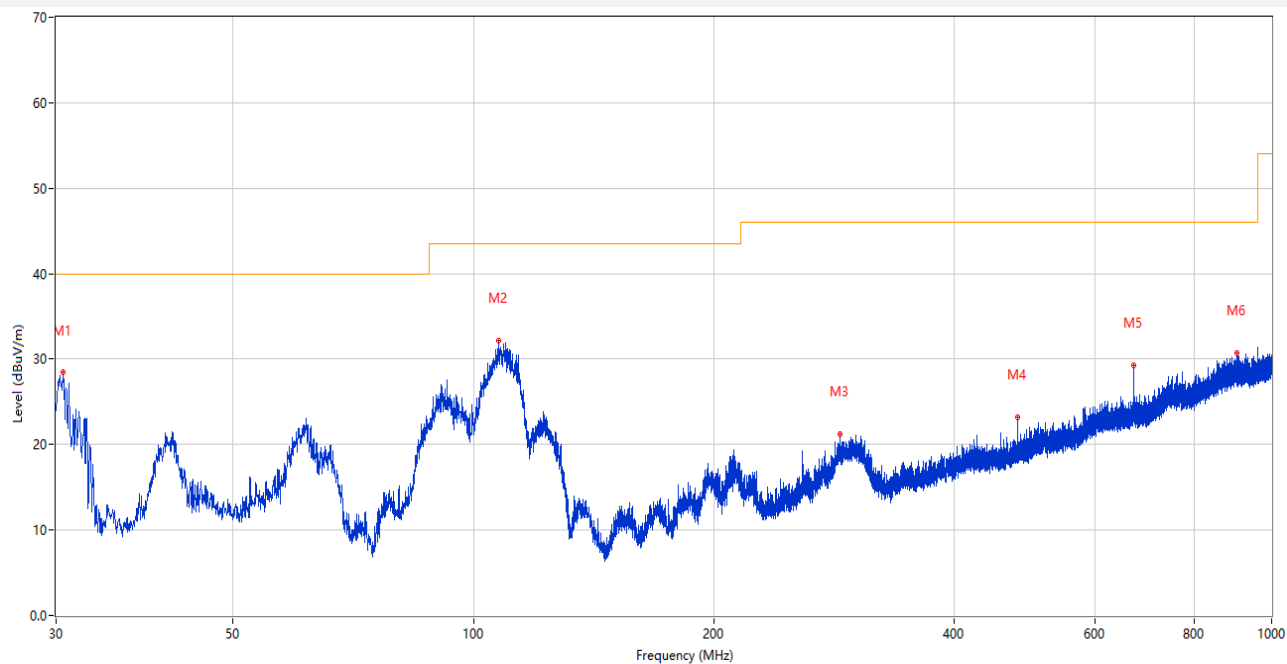
Note 4: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

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	108.279	26.25	-26.52	43.5	17.25	Peak	319.00	200	Horizontal	Pass
2	215.270	27.28	-26.19	43.5	16.22	Peak	295.00	200	Horizontal	Pass
3	395.496	28.06	-20.50	46.0	17.94	Peak	32.00	100	Horizontal	Pass
4	479.983	24.68	-18.70	46.0	21.32	Peak	136.00	100	Horizontal	Pass
5	742.513	28.46	-11.97	46.0	17.54	Peak	360.00	200	Horizontal	Pass
6	886.607	30.50	-9.79	46.0	15.50	Peak	301.00	200	Horizontal	Pass

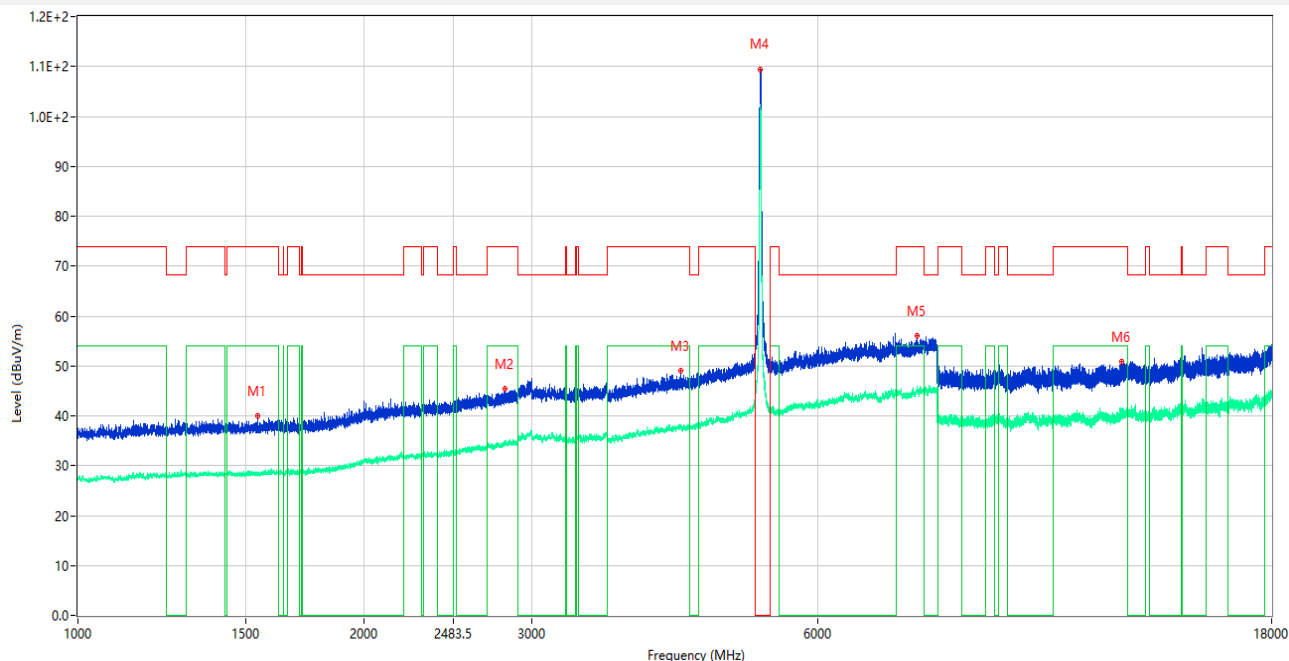
30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.582	28.42	-29.01	40.0	11.58	Peak	224.00	100	Vertical	Pass
2	107.551	32.20	-26.38	43.5	11.30	Peak	0.00	100	Vertical	Pass
3	288.020	21.23	-23.22	46.0	24.77	Peak	0.00	100	Vertical	Pass
4	479.983	23.25	-18.70	46.0	22.75	Peak	285.00	100	Vertical	Pass
5	671.994	29.32	-14.19	46.0	16.68	Peak	273.00	100	Vertical	Pass
6	905.279	30.71	-9.12	46.0	15.29	Peak	140.00	100	Vertical	Pass

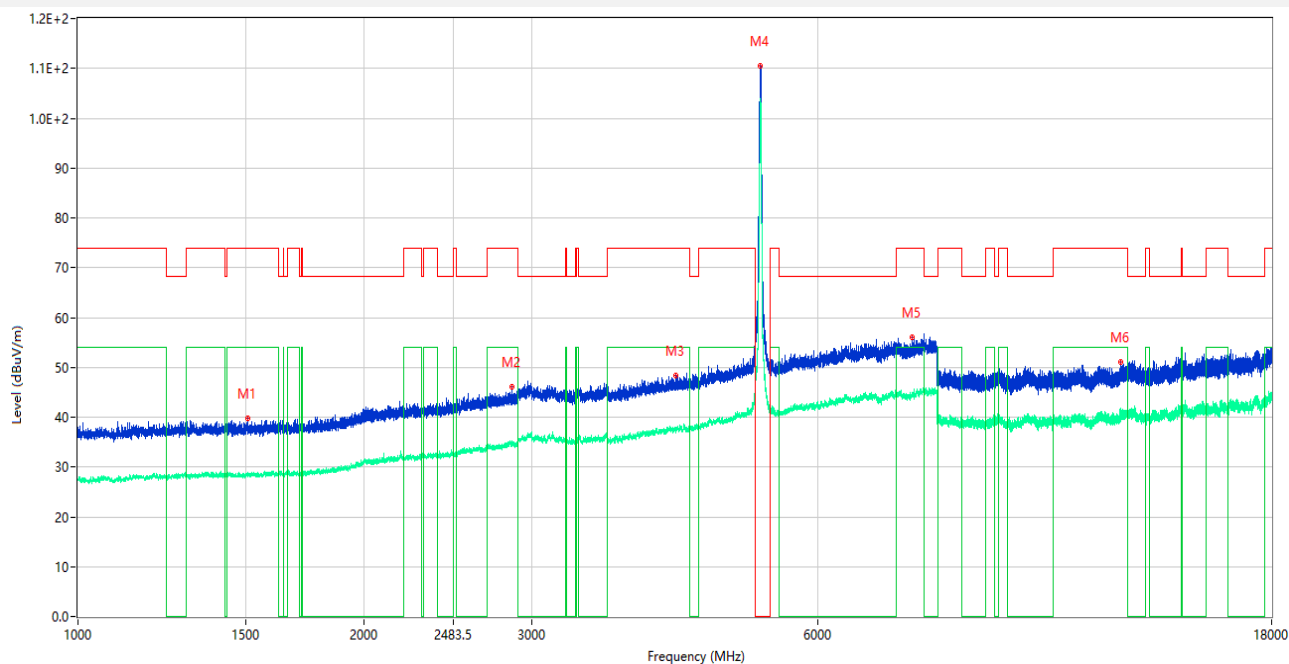
Note: The spurious above 18G is noise only, do not show on the report.

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



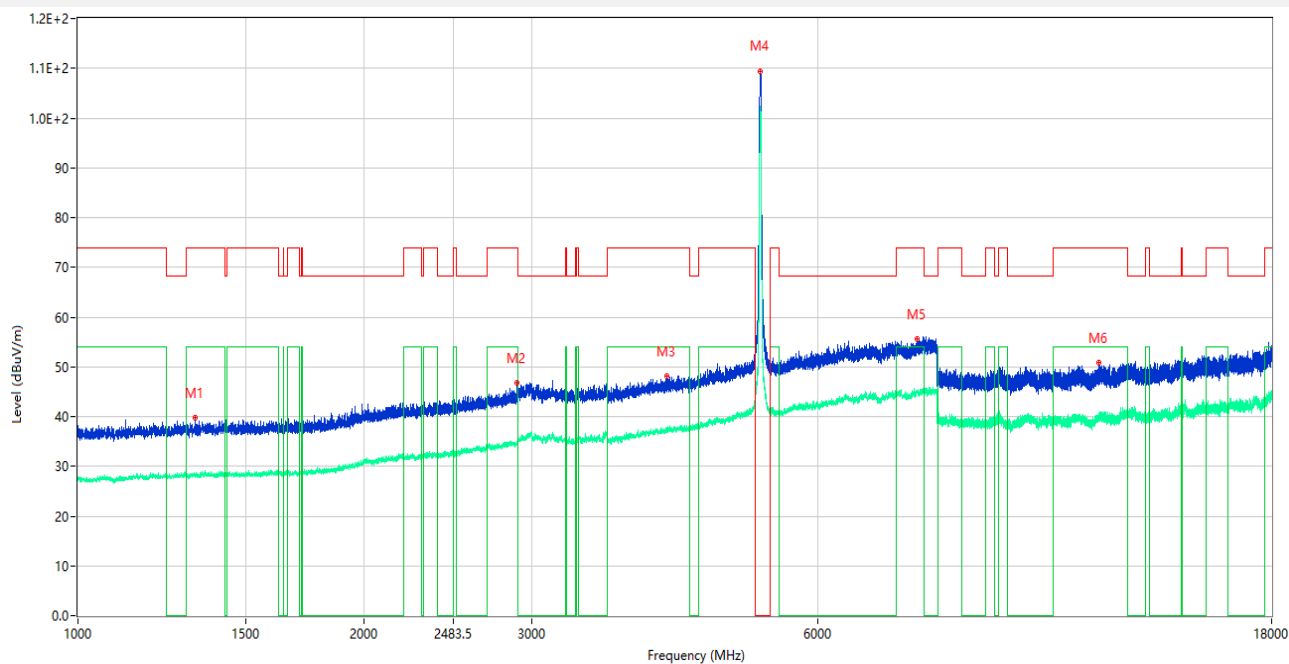
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1546.250	39.94	-15.44	74.0	34.06	Peak	115.00	150	Horizontal	Pass
1**	1546.250	28.57	-15.44	54.0	25.43	AV	115.00	150	Horizontal	Pass
2	2811.250	45.49	-8.15	74.0	28.51	Peak	280.00	150	Horizontal	Pass
2**	2811.250	34.40	-8.15	54.0	19.60	AV	280.00	150	Horizontal	Pass
3	4308.000	49.10	-2.73	74.0	24.90	Peak	120.00	150	Horizontal	Pass
3**	4308.000	37.84	-2.73	54.0	16.16	AV	120.00	150	Horizontal	Pass
4	5221.000	109.49	-0.85	--	119.51	Peak	229.00	150	Horizontal	N/A
4**	5221.000	101.56	-0.85	--	-101.56	AV	229.00	150	Horizontal	N/A
5	7634.000	55.95	3.00	74.0	18.05	Peak	351.00	150	Horizontal	Pass
5**	7634.000	44.76	3.00	54.0	9.24	AV	351.00	150	Horizontal	Pass
6	12514.162	50.82	-0.34	74.0	23.18	Peak	0.00	150	Horizontal	Pass
6**	12514.162	40.94	-0.34	54.0	13.06	AV	0.00	150	Horizontal	Pass

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



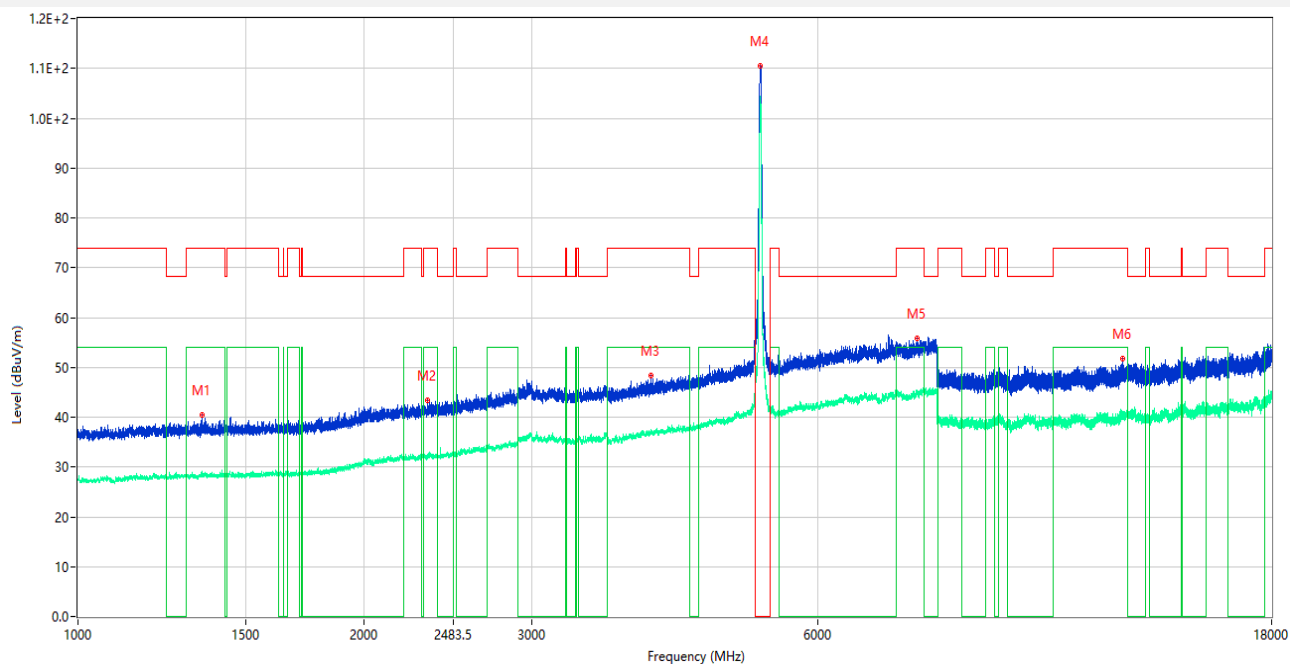
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.500	39.79	-15.26	74.0	34.21	Peak	74.00	150	Vertical	Pass
1**	1507.500	28.85	-15.26	54.0	25.15	AV	74.00	150	Vertical	Pass
2	2861.500	46.04	-7.55	74.0	27.96	Peak	360.00	150	Vertical	Pass
2**	2861.500	34.19	-7.55	54.0	19.81	AV	360.00	150	Vertical	Pass
3	4257.500	48.28	-3.09	74.0	25.72	Peak	80.00	150	Vertical	Pass
3**	4257.500	37.36	-3.09	54.0	16.64	AV	80.00	150	Vertical	Pass
4	5216.500	110.57	-0.93	--	9.43	Peak	120.00	150	Vertical	N/A
4**	5216.500	102.16	-0.93	--	-102.16	AV	120.00	150	Vertical	N/A
5	7537.000	55.94	2.79	74.0	18.06	Peak	230.00	150	Vertical	Pass
5**	7537.000	44.35	2.79	54.0	9.65	AV	230.00	150	Vertical	Pass
6	12502.762	51.11	-0.05	74.0	22.89	Peak	0.00	150	Vertical	Pass
6**	12502.762	40.83	-0.05	54.0	13.17	AV	0.00	150	Vertical	Pass

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



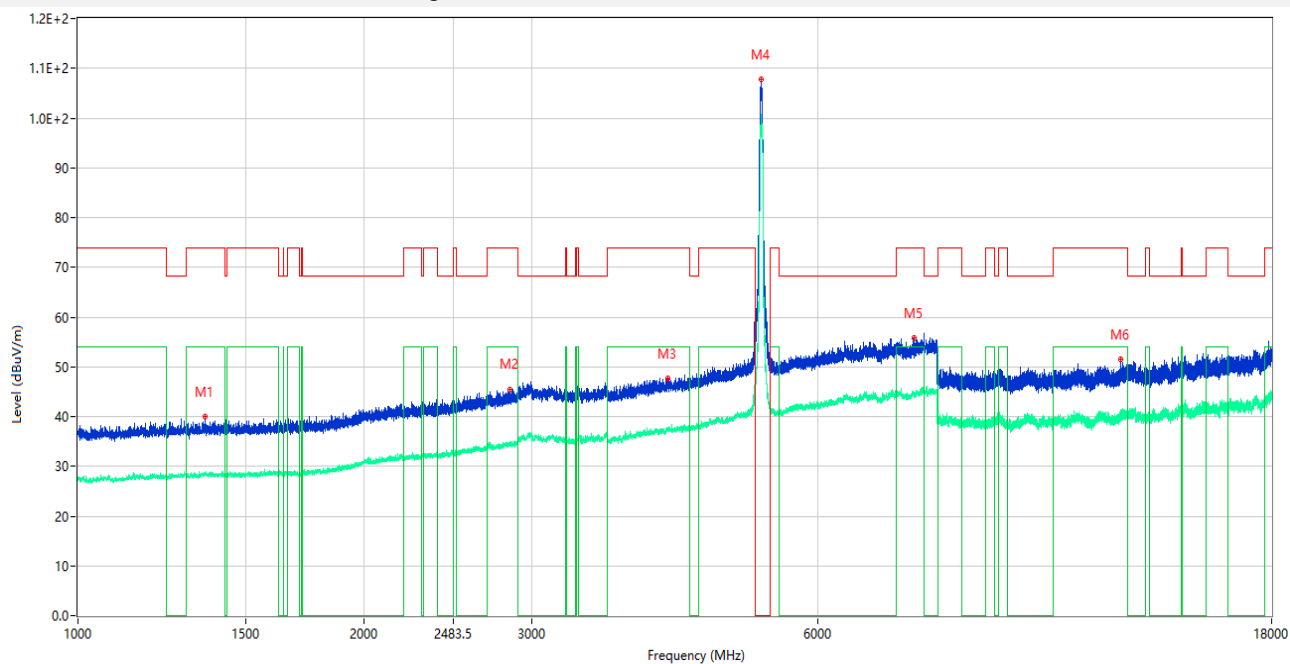
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.750	39.75	-15.50	74.0	34.25	Peak	159.00	150	Horizontal	Pass
1**	1328.750	27.79	-15.50	54.0	26.21	AV	159.00	150	Horizontal	Pass
2	2892.500	46.70	-7.85	74.0	27.30	Peak	80.00	150	Horizontal	Pass
2**	2892.500	34.55	-7.85	54.0	19.45	AV	80.00	150	Horizontal	Pass
3	4157.000	48.20	-3.63	74.0	25.80	Peak	328.00	150	Horizontal	Pass
3**	4157.000	37.13	-3.63	54.0	16.87	AV	328.00	150	Horizontal	Pass
4	5220.500	109.47	-0.85	--	119.53	Peak	229.00	150	Horizontal	N/A
4**	5220.500	101.44	-0.85	--	-101.44	AV	229.00	150	Horizontal	N/A
5	7630.500	55.54	3.01	74.0	18.46	Peak	31.00	150	Horizontal	Pass
5**	7630.500	45.08	3.01	54.0	8.92	AV	31.00	150	Horizontal	Pass
6	11845.125	50.80	-1.23	74.0	23.20	Peak	212.00	150	Horizontal	Pass
6**	11845.125	40.24	-1.23	54.0	13.76	AV	212.00	150	Horizontal	Pass

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



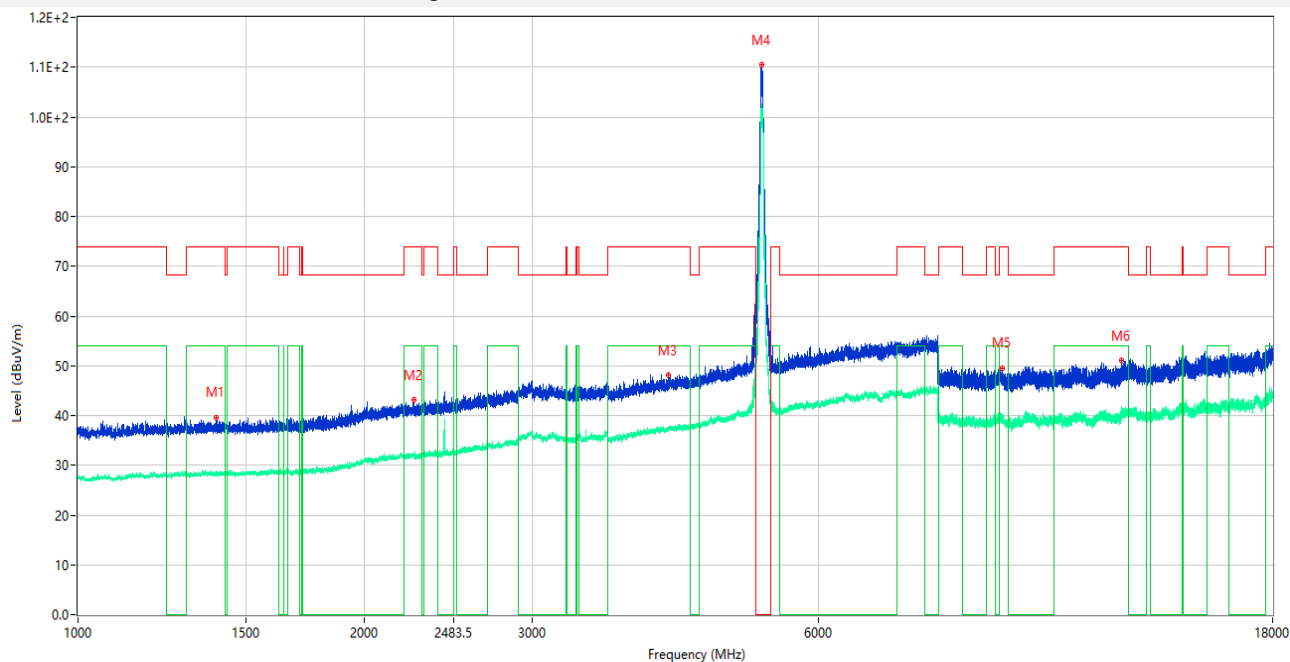
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.000	40.42	-15.31	74.0	33.58	Peak	256.00	150	Vertical	Pass
1**	1351.000	28.12	-15.31	54.0	25.88	AV	256.00	150	Vertical	Pass
2	2333.750	43.45	-10.89	74.0	30.55	Peak	210.00	150	Vertical	Pass
2**	2333.750	32.13	-10.89	54.0	21.87	AV	210.00	150	Vertical	Pass
3	4002.500	48.27	-4.02	74.0	25.73	Peak	90.00	150	Vertical	Pass
3**	4002.500	37.01	-4.02	54.0	16.99	AV	90.00	150	Vertical	Pass
4	5212.500	110.42	-0.98	--	19.58	Peak	130.00	150	Vertical	N/A
4**	5212.500	102.71	-0.98	--	-102.71	AV	130.00	150	Vertical	N/A
5	7627.000	55.82	2.89	74.0	18.18	Peak	359.00	150	Vertical	Pass
5**	7627.000	44.90	2.89	54.0	9.10	AV	359.00	150	Vertical	Pass
6	12537.201	51.73	-0.26	74.0	22.27	Peak	163.00	150	Vertical	Pass
6**	12537.201	40.99	-0.26	54.0	13.01	AV	163.00	150	Vertical	Pass

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



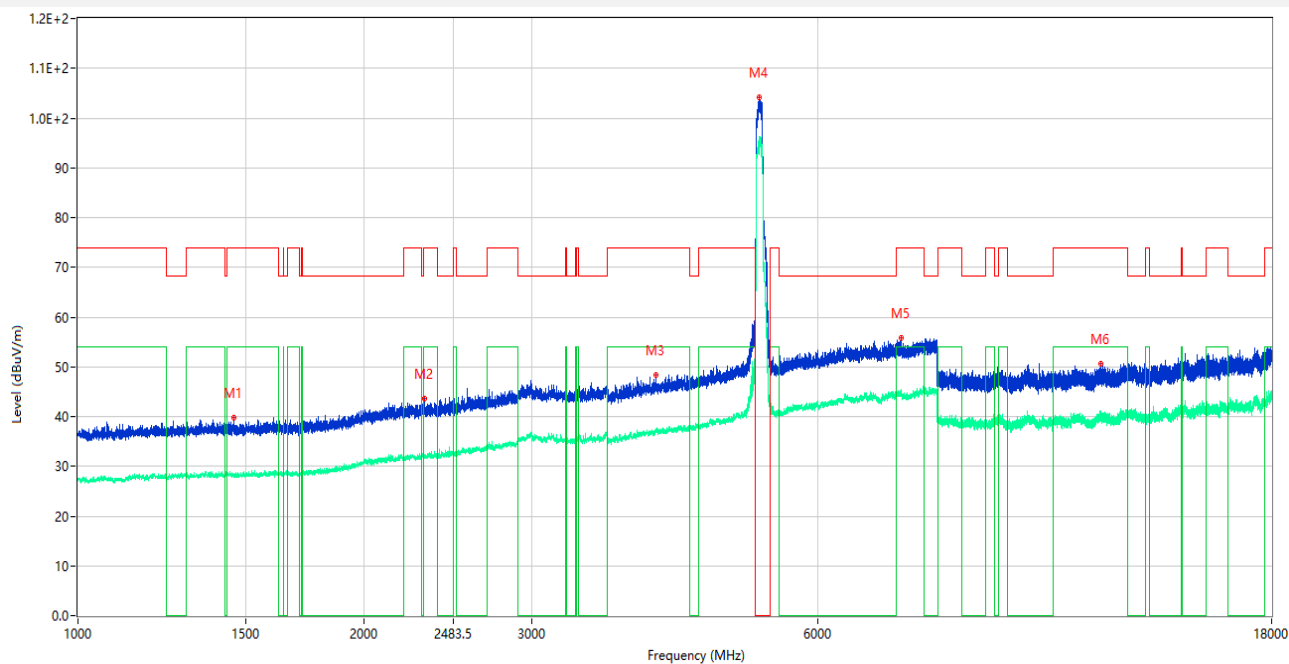
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1362.000	40.03	-15.37	74.0	33.97	Peak	360.00	150	Horizontal	Pass
1**	1362.000	28.33	-15.37	54.0	25.67	AV	360.00	150	Horizontal	Pass
2	2846.500	45.53	-7.52	74.0	28.47	Peak	360.00	150	Horizontal	Pass
2**	2846.500	34.50	-7.52	54.0	19.50	AV	360.00	150	Horizontal	Pass
3	4171.500	47.76	-3.35	74.0	26.24	Peak	359.00	150	Horizontal	Pass
3**	4171.500	37.11	-3.35	54.0	16.89	AV	359.00	150	Horizontal	Pass
4	5231.500	107.85	-0.86	--	113.15	Peak	221.00	150	Horizontal	N/A
4**	5231.500	99.80	-0.86	--	-99.80	AV	221.00	150	Horizontal	N/A
5	7570.500	55.90	3.15	74.0	18.10	Peak	162.00	150	Horizontal	Pass
5**	7570.500	44.52	3.15	54.0	9.48	AV	162.00	150	Horizontal	Pass
6	12498.962	51.44	0.06	74.0	22.56	Peak	360.00	150	Horizontal	Pass
6**	12498.962	40.54	0.06	54.0	13.46	AV	360.00	150	Horizontal	Pass

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



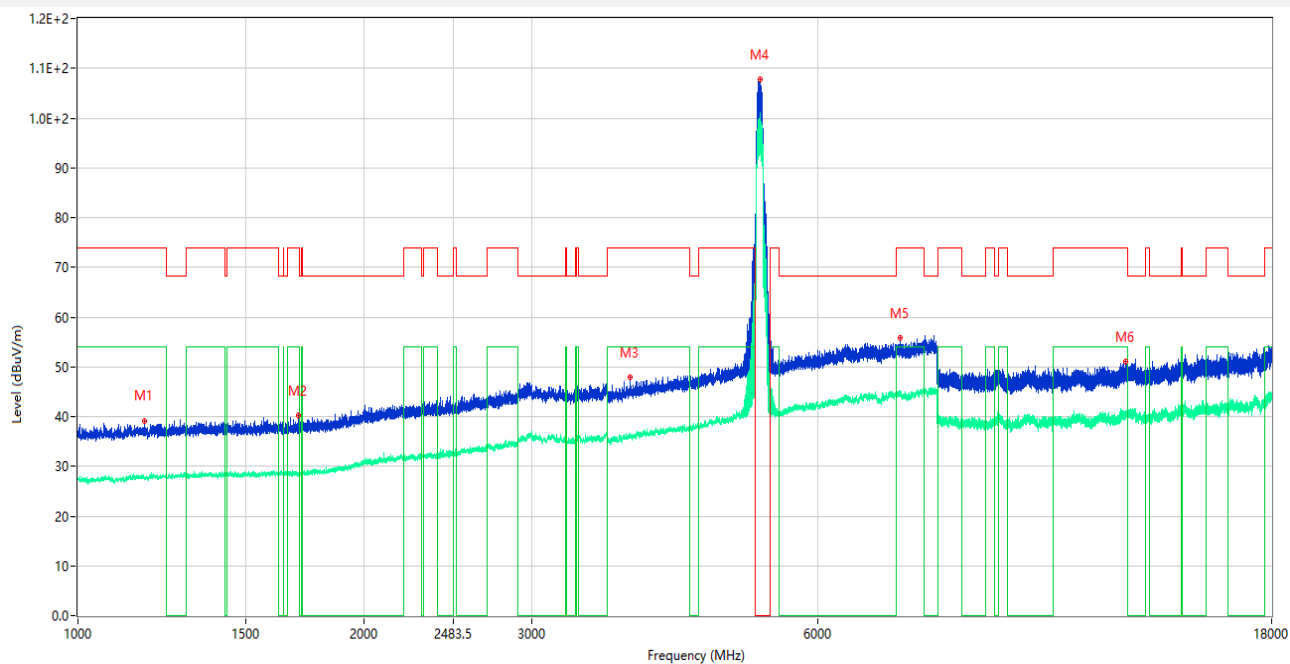
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1398.500	39.55	-15.42	74.0	34.45	Peak	123.00	150	Vertical	Pass
1**	1398.500	28.45	-15.42	54.0	25.55	AV	123.00	150	Vertical	Pass
2	2252.250	43.11	-11.45	74.0	30.89	Peak	360.00	150	Vertical	Pass
2**	2252.250	32.23	-11.45	54.0	21.77	AV	360.00	150	Vertical	Pass
3	4176.500	48.19	-3.14	74.0	25.81	Peak	182.00	150	Vertical	Pass
3**	4176.500	37.58	-3.14	54.0	16.42	AV	182.00	150	Vertical	Pass
4	5228.500	110.40	-0.80	--	13.60	Peak	124.00	150	Vertical	N/A
4**	5228.500	102.59	-0.80	--	-102.59	AV	124.00	150	Vertical	N/A
5	9369.900	49.38	-2.31	74.0	24.62	Peak	6.00	150	Vertical	Pass
5**	9369.900	38.60	-2.31	54.0	15.40	AV	6.00	150	Vertical	Pass
6	12504.188	51.18	-0.21	74.0	22.82	Peak	118.00	150	Vertical	Pass
6**	12504.188	40.31	-0.21	54.0	13.69	AV	118.00	150	Vertical	Pass

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



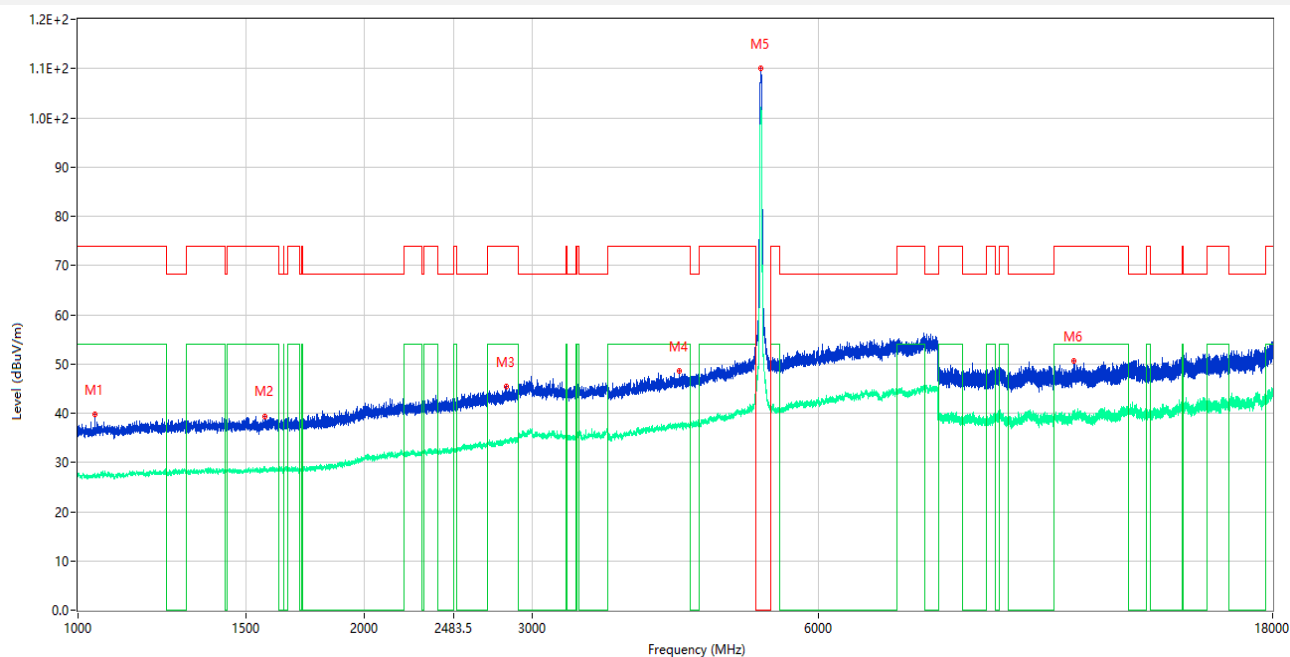
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1458.250	39.82	-15.43	74.0	34.18	Peak	188.00	150	Horizontal	Pass
1**	1458.250	27.98	-15.43	54.0	26.02	AV	188.00	150	Horizontal	Pass
2	2314.250	43.54	-11.40	74.0	30.46	Peak	351.00	150	Horizontal	Pass
2**	2314.250	31.71	-11.40	54.0	22.29	AV	351.00	150	Horizontal	Pass
3	4052.000	48.29	-3.04	74.0	25.71	Peak	50.00	150	Horizontal	Pass
3**	4052.000	37.53	-3.04	54.0	16.47	AV	50.00	150	Horizontal	Pass
4	5211.000	104.13	-0.91	--	126.87	Peak	231.00	150	Horizontal	N/A
4**	5211.000	94.40	-0.91	--	-94.40	AV	231.00	150	Horizontal	N/A
5	7337.000	55.86	3.02	74.0	18.14	Peak	50.00	150	Horizontal	Pass
5**	7337.000	45.04	3.02	54.0	8.96	AV	50.00	150	Horizontal	Pass
6	11904.263	50.66	-0.79	74.0	23.34	Peak	187.00	150	Horizontal	Pass
6**	11904.263	40.08	-0.79	54.0	13.92	AV	187.00	150	Horizontal	Pass

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



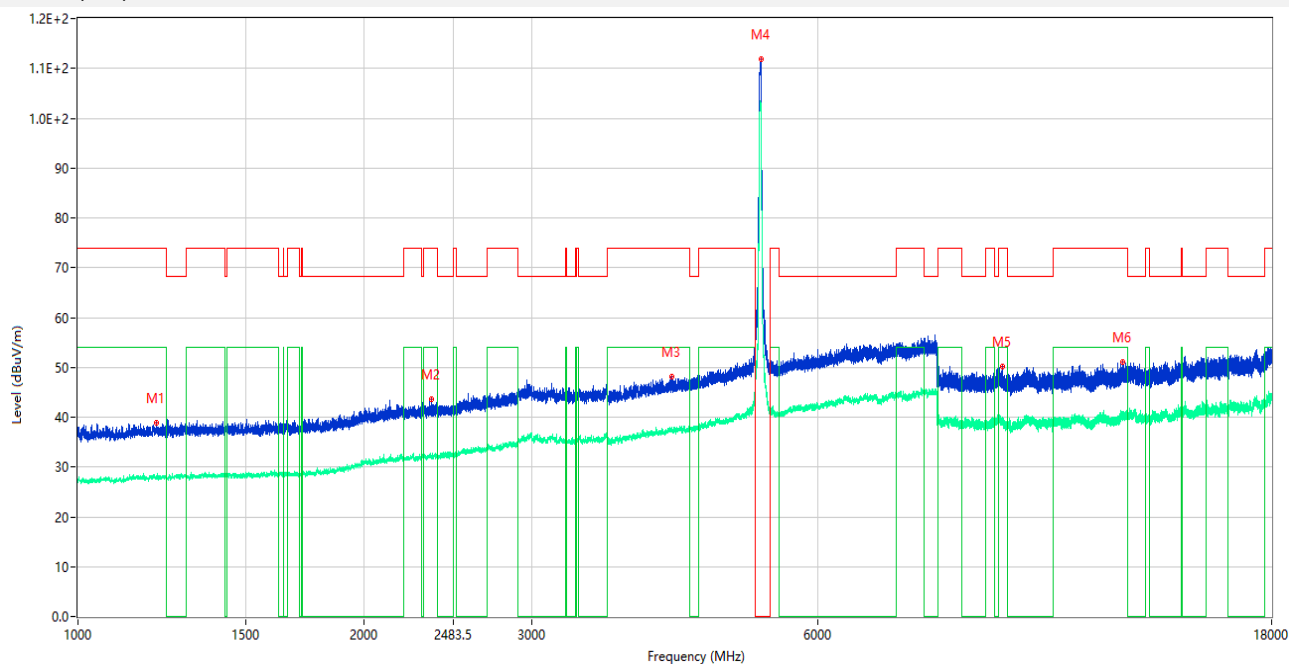
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1173.750	39.20	-15.49	74.0	34.80	Peak	218.00	150	Vertical	Pass
1**	1173.750	27.80	-15.49	54.0	26.20	AV	218.00	150	Vertical	Pass
2	1706.250	40.25	-15.27	74.0	33.75	Peak	360.00	150	Vertical	Pass
2**	1706.250	28.15	-15.27	54.0	25.85	AV	360.00	150	Vertical	Pass
3	3804.500	47.92	-3.90	74.0	26.08	Peak	212.00	150	Vertical	Pass
3**	3804.500	36.07	-3.90	54.0	17.93	AV	212.00	150	Vertical	Pass
4	5213.000	107.80	-0.96	--	15.20	Peak	123.00	150	Vertical	N/A
4**	5213.000	100.99	-0.96	--	-100.99	AV	123.00	150	Vertical	N/A
5	7321.000	55.85	2.64	74.0	18.15	Peak	12.00	150	Vertical	Pass
5**	7321.000	44.42	2.64	54.0	9.58	AV	12.00	150	Vertical	Pass
6	12641.463	51.10	-0.26	74.0	22.90	Peak	360.00	150	Vertical	Pass
6**	12641.463	40.31	-0.26	54.0	13.69	AV	360.00	150	Vertical	Pass

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



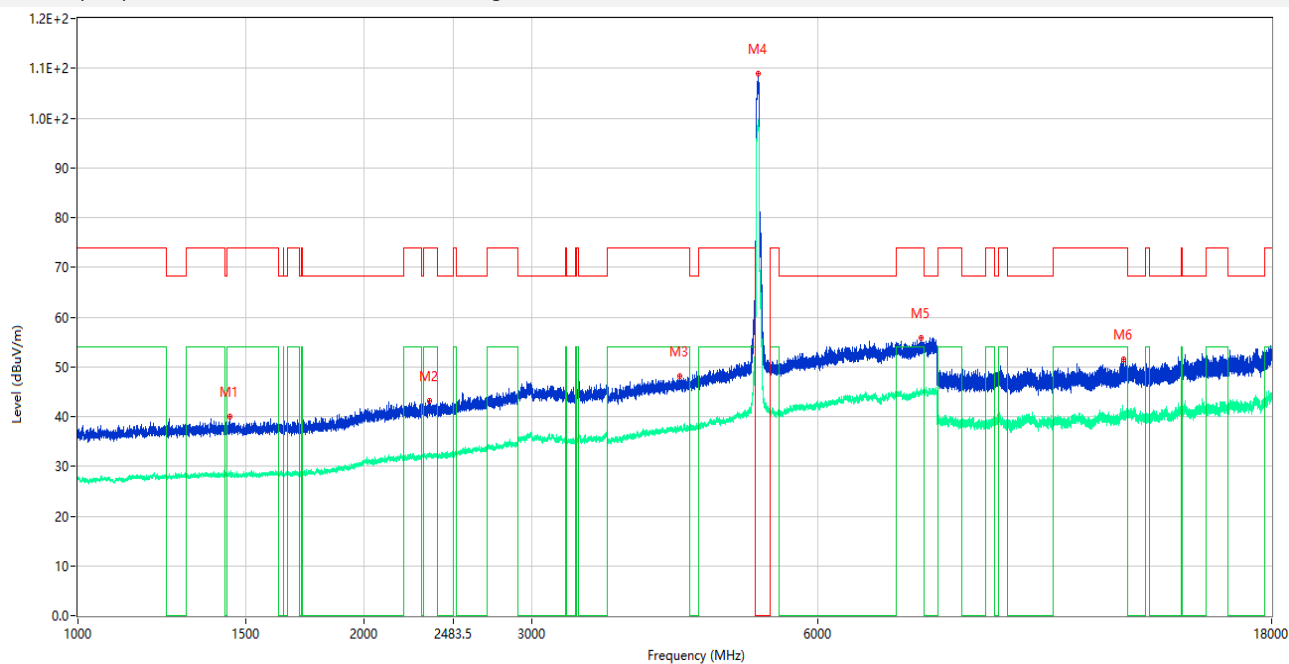
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1041.250	39.66	-15.77	74.0	34.34	Peak	360.00	150	Horizontal	Pass
1**	1041.250	27.22	-15.77	54.0	26.78	AV	360.00	150	Horizontal	Pass
2	1571.500	39.42	-15.27	74.0	34.58	Peak	263.00	150	Horizontal	Pass
2**	1571.500	28.80	-15.27	54.0	25.20	AV	263.00	150	Horizontal	Pass
3	2816.250	45.47	-8.06	74.0	28.53	Peak	354.00	150	Horizontal	Pass
3**	2816.250	34.22	-8.06	54.0	19.78	AV	354.00	150	Horizontal	Pass
4	4279.500	48.67	-2.53	74.0	25.33	Peak	339.00	150	Horizontal	Pass
4**	4279.500	37.62	-2.53	54.0	16.38	AV	339.00	150	Horizontal	Pass
5	5221.000	110.07	-0.85	--	247.93	Peak	358.00	150	Horizontal	N/A
5**	5221.000	102.18	-0.85	--	-102.18	AV	358.00	150	Horizontal	N/A
6	11126.688	50.66	-1.46	74.0	23.34	Peak	47.00	150	Horizontal	Pass
6**	11126.688	39.18	-1.46	54.0	14.82	AV	47.00	150	Horizontal	Pass

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



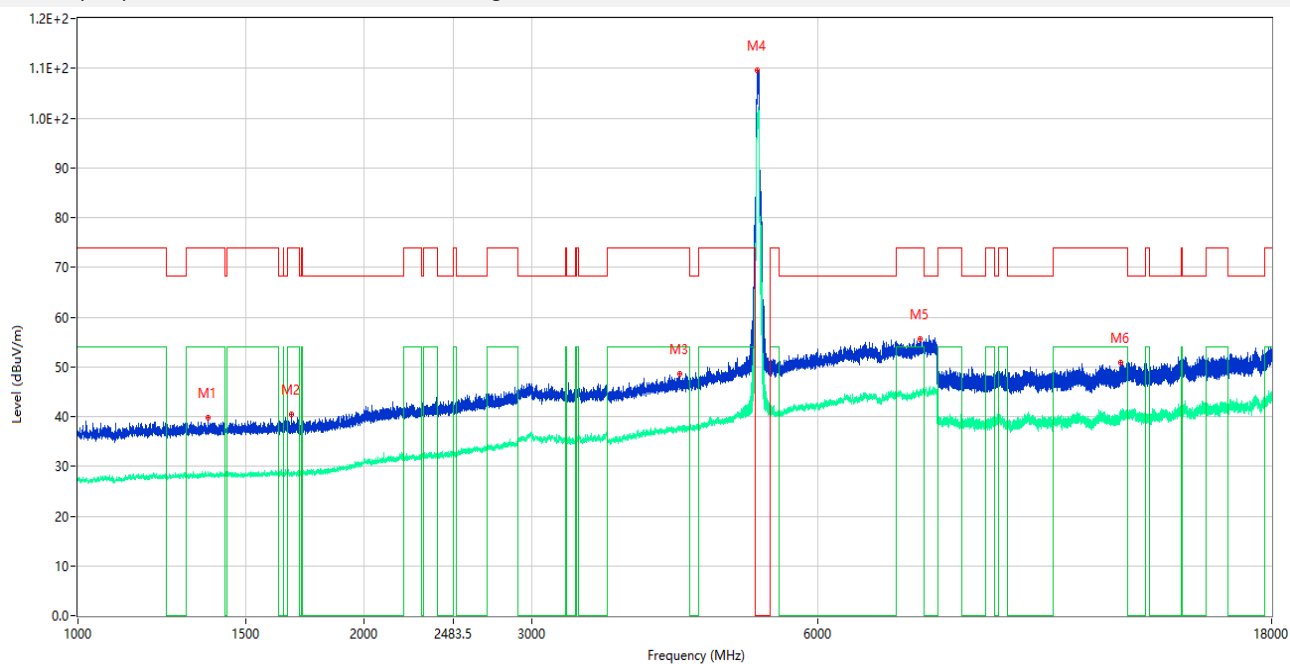
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1210.500	38.82	-15.55	74.0	35.18	Peak	360.00	150	Vertical	Pass
1**	1210.500	28.12	-15.55	54.0	25.88	AV	360.00	150	Vertical	Pass
2	2352.000	43.58	-10.41	74.0	30.42	Peak	341.00	150	Vertical	Pass
2**	2352.000	32.34	-10.41	54.0	21.66	AV	341.00	150	Vertical	Pass
3	4210.000	48.06	-2.30	74.0	25.94	Peak	21.00	150	Vertical	Pass
3**	4210.000	37.00	-2.30	54.0	17.00	AV	21.00	150	Vertical	Pass
4	5225.500	111.80	-0.77	--	-2.80	Peak	109.00	150	Vertical	N/A
4**	5225.500	102.16	-0.77	--	-102.16	AV	109.00	150	Vertical	N/A
5	9371.325	50.06	-2.18	74.0	23.94	Peak	0.00	150	Vertical	Pass
5**	9371.325	38.83	-2.18	54.0	15.17	AV	0.00	150	Vertical	Pass
6	12539.813	51.00	-0.36	74.0	23.00	Peak	360.00	150	Vertical	Pass
6**	12539.813	40.63	-0.36	54.0	13.37	AV	360.00	150	Vertical	Pass

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



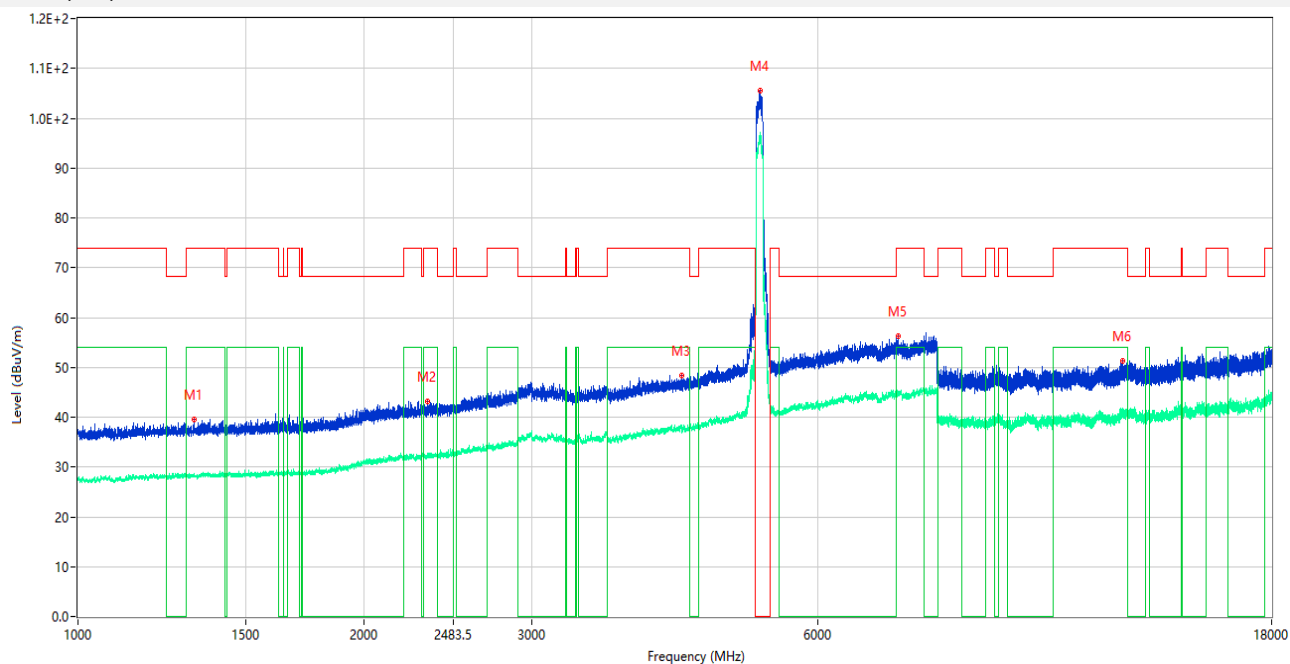
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1443.750	40.01	-15.31	74.0	33.99	Peak	133.00	150	Horizontal	Pass
1**	1443.750	28.25	-15.31	54.0	25.75	AV	133.00	150	Horizontal	Pass
2	2343.000	43.24	-10.46	74.0	30.76	Peak	193.00	150	Horizontal	Pass
2**	2343.000	32.45	-10.46	54.0	21.55	AV	193.00	150	Horizontal	Pass
3	4299.000	48.03	-2.91	74.0	25.97	Peak	282.00	150	Horizontal	Pass
3**	4299.000	37.37	-2.91	54.0	16.63	AV	282.00	150	Horizontal	Pass
4	5190.500	108.97	-1.05	--	121.03	Peak	230.00	150	Horizontal	N/A
4**	5190.500	97.94	-1.05	--	-97.94	AV	230.00	150	Horizontal	N/A
5	7694.000	55.76	3.56	74.0	18.24	Peak	260.00	150	Horizontal	Pass
5**	7694.000	44.57	3.56	54.0	9.43	AV	260.00	150	Horizontal	Pass
6	12593.963	51.55	-0.39	74.0	22.45	Peak	7.00	150	Horizontal	Pass
6**	12593.963	40.40	-0.39	54.0	13.60	AV	7.00	150	Horizontal	Pass

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



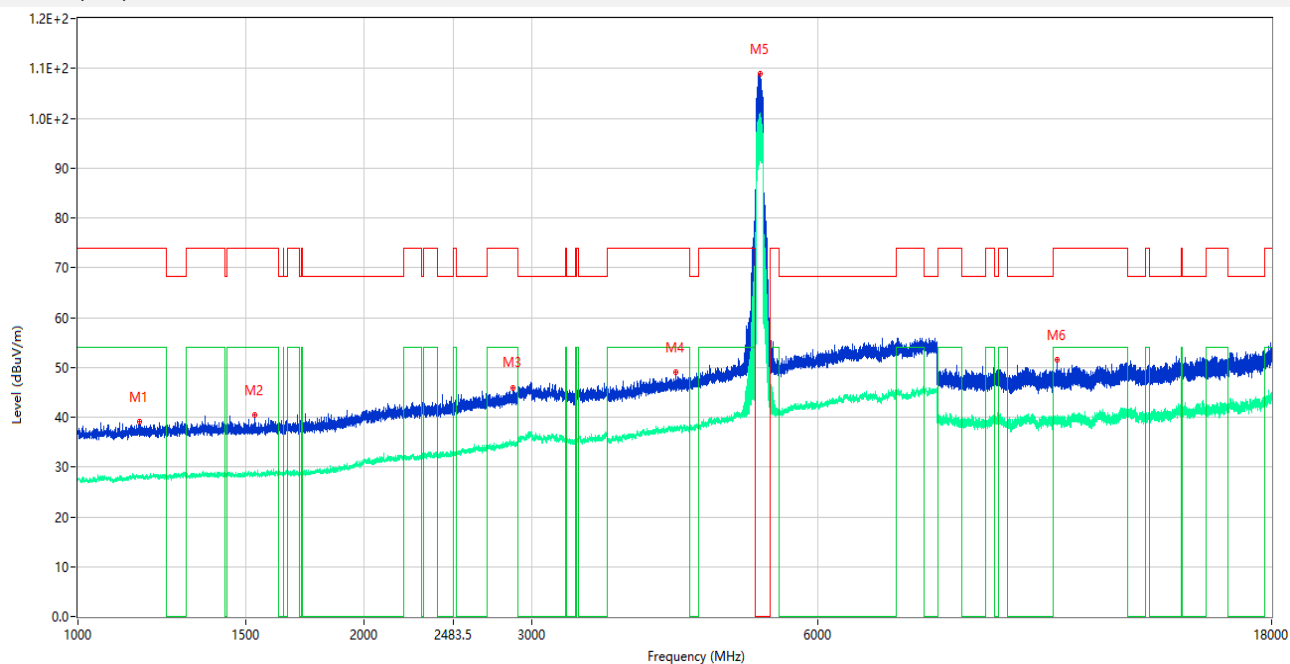
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1371.000	39.76	-15.56	74.0	34.24	Peak	1.00	150	Vertical	Pass
1**	1371.000	28.67	-15.56	54.0	25.33	AV	1.00	150	Vertical	Pass
2	1678.750	40.35	-15.41	74.0	33.65	Peak	75.00	150	Vertical	Pass
2**	1678.750	28.09	-15.41	54.0	25.91	AV	75.00	150	Vertical	Pass
3	4294.000	48.59	-3.10	74.0	25.41	Peak	0.00	150	Vertical	Pass
3**	4294.000	37.38	-3.10	54.0	16.62	AV	0.00	150	Vertical	Pass
4	5179.500	109.64	-0.94	--	10.36	Peak	120.00	150	Vertical	N/A
4**	5179.500	100.63	-0.94	--	-100.63	AV	120.00	150	Vertical	N/A
5	7679.500	55.63	3.30	74.0	18.37	Peak	163.00	150	Vertical	Pass
5**	7679.500	44.64	3.30	54.0	9.36	AV	163.00	150	Vertical	Pass
6	12499.438	50.81	0.02	74.0	23.19	Peak	0.00	150	Vertical	Pass
6**	12499.438	40.22	0.02	54.0	13.78	AV	0.00	150	Vertical	Pass

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



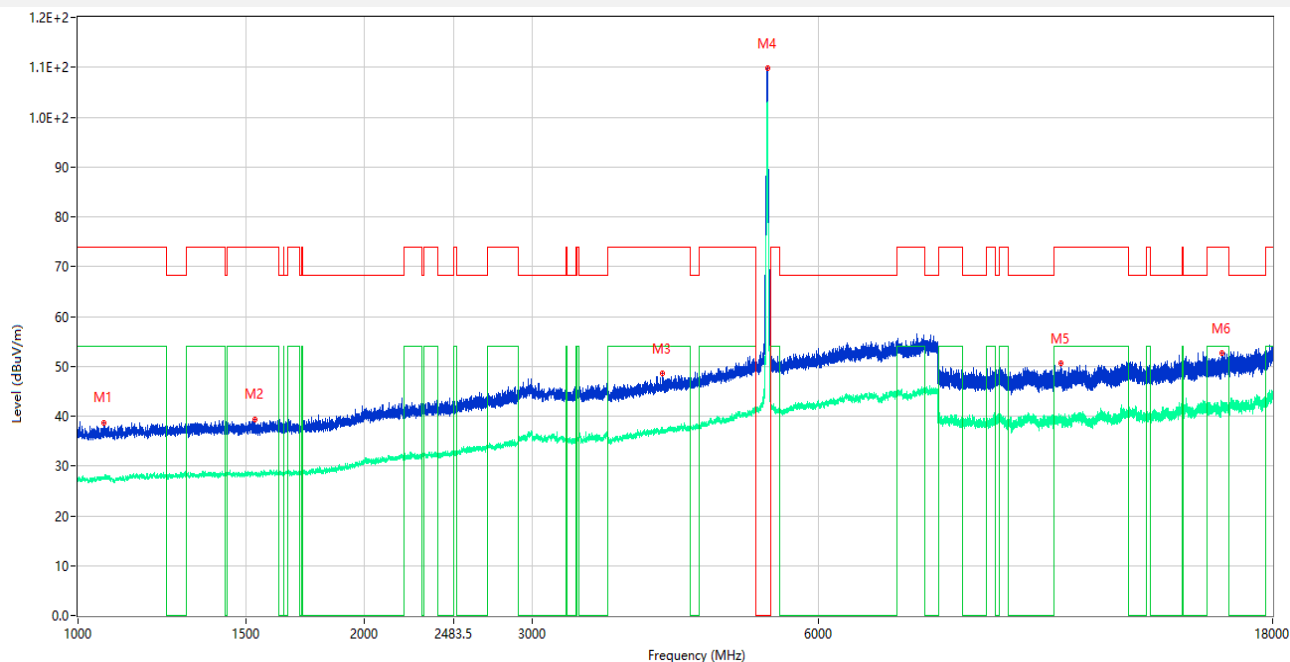
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1325.250	39.52	-15.46	74.0	34.48	Peak	196.00	150	Horizontal	Pass
1**	1325.250	28.42	-15.46	54.0	25.58	AV	196.00	150	Horizontal	Pass
2	2331.250	43.19	-11.06	74.0	30.81	Peak	148.00	150	Horizontal	Pass
2**	2331.250	32.29	-11.06	54.0	21.71	AV	148.00	150	Horizontal	Pass
3	4312.000	48.38	-2.78	74.0	25.62	Peak	111.00	150	Horizontal	Pass
3**	4312.000	37.82	-2.78	54.0	16.18	AV	111.00	150	Horizontal	Pass
4	5216.500	105.51	-0.93	--	252.49	Peak	358.00	150	Horizontal	N/A
4**	5216.500	96.01	-0.93	--	-96.01	AV	358.00	150	Horizontal	N/A
5	7295.000	56.25	2.72	74.0	17.75	Peak	356.00	150	Horizontal	Pass
5**	7295.000	45.04	2.72	54.0	8.96	AV	356.00	150	Horizontal	Pass
6	12545.750	51.29	-0.13	74.0	22.71	Peak	236.00	150	Horizontal	Pass
6**	12545.750	40.93	-0.13	54.0	13.07	AV	236.00	150	Horizontal	Pass

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



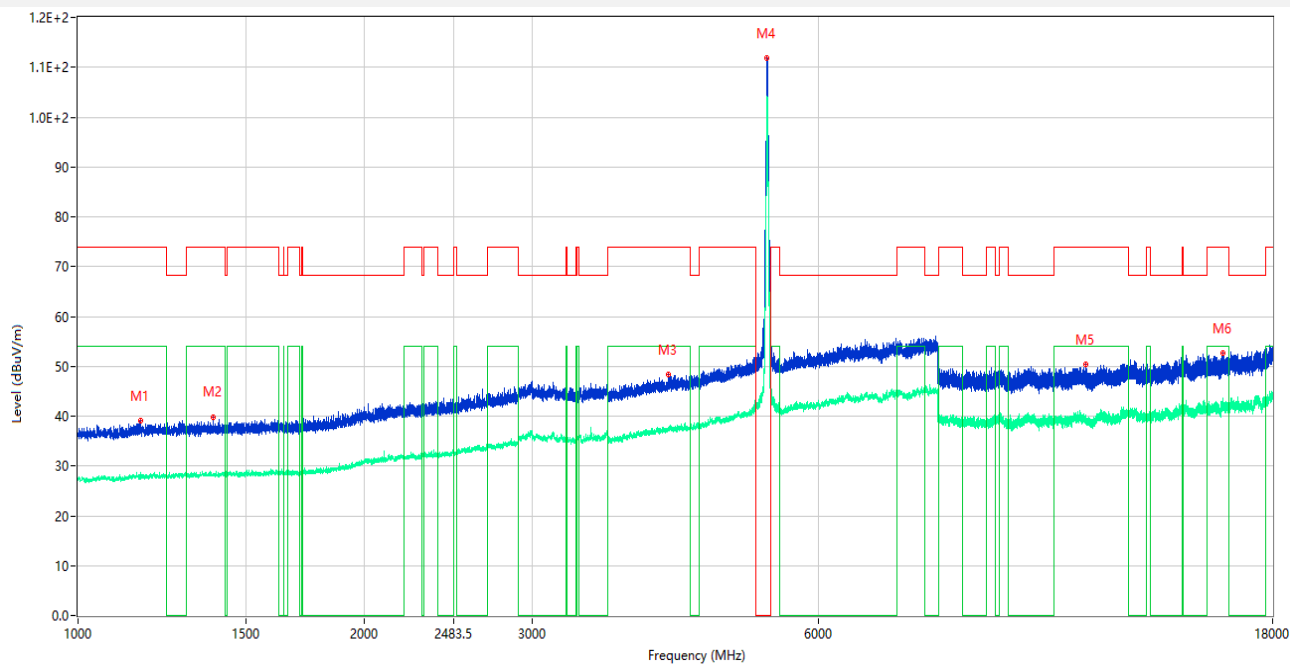
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1160.750	39.14	-15.46	74.0	34.86	Peak	108.00	150	Vertical	Pass
1**	1160.750	27.97	-15.46	54.0	26.03	AV	108.00	150	Vertical	Pass
2	1534.750	40.41	-15.43	74.0	33.59	Peak	337.00	150	Vertical	Pass
2**	1534.750	28.45	-15.43	54.0	25.55	AV	337.00	150	Vertical	Pass
3	2865.250	45.81	-7.56	74.0	28.19	Peak	308.00	150	Vertical	Pass
3**	2865.250	34.81	-7.56	54.0	19.19	AV	308.00	150	Vertical	Pass
4	4249.000	48.97	-2.71	74.0	25.03	Peak	255.00	150	Vertical	Pass
4**	4249.000	37.59	-2.71	54.0	16.41	AV	255.00	150	Vertical	Pass
5	5220.000	109.01	-0.86	--	13.99	Peak	123.00	150	Vertical	N/A
5**	5220.000	99.99	-0.86	--	-99.99	AV	123.00	150	Vertical	N/A
6	10716.526	51.50	-1.38	74.0	22.50	Peak	283.00	150	Vertical	Pass
6**	10716.526	39.38	-1.38	54.0	14.62	AV	283.00	150	Vertical	Pass

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



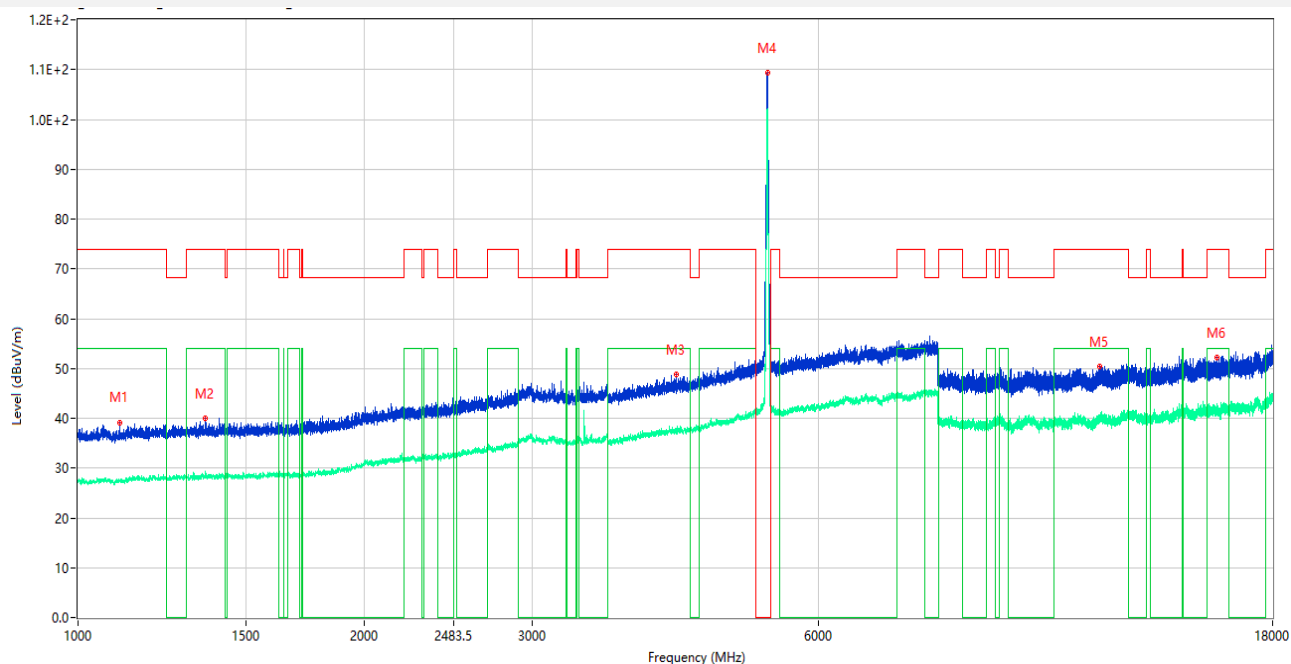
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1065.500	38.74	-15.57	74.0	35.26	Peak	245.00	150	Horizontal	Pass
1**	1065.500	27.79	-15.57	54.0	26.21	AV	245.00	150	Horizontal	Pass
2	1536.000	39.43	-15.43	74.0	34.57	Peak	112.00	150	Horizontal	Pass
2**	1536.000	28.45	-15.43	54.0	25.55	AV	112.00	150	Horizontal	Pass
3	4115.500	48.54	-3.01	74.0	25.46	Peak	120.00	150	Horizontal	Pass
3**	4115.500	37.19	-3.01	54.0	16.81	AV	120.00	150	Horizontal	Pass
4	5302.500	109.92	-0.58	--	111.08	Peak	221.00	150	Horizontal	N/A
4**	5302.500	102.86	-0.58	--	-102.86	AV	221.00	150	Horizontal	N/A
5	10783.263	50.54	-0.90	74.0	23.46	Peak	99.00	150	Horizontal	Pass
5**	10783.263	39.12	-0.90	54.0	14.88	AV	99.00	150	Horizontal	Pass
6	15933.338	52.59	1.31	74.0	21.41	Peak	208.00	150	Horizontal	Pass
6**	15933.338	41.43	1.31	54.0	12.57	AV	208.00	150	Horizontal	Pass

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



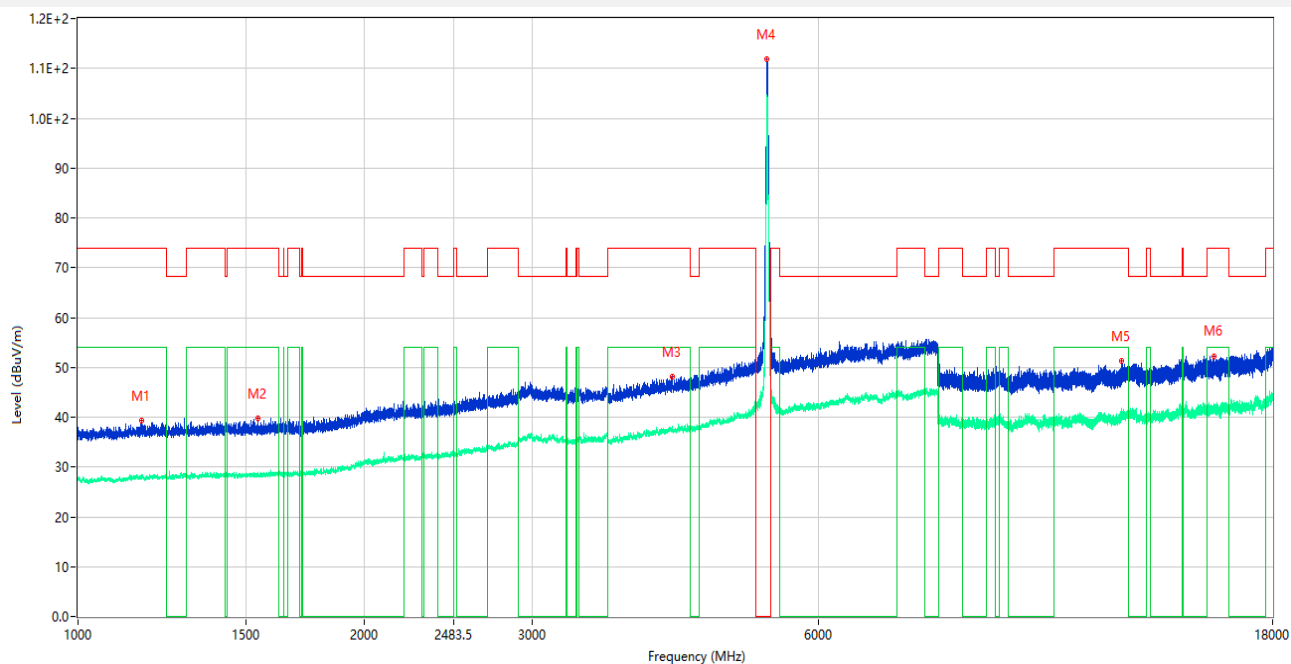
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.750	39.07	-15.47	74.0	34.93	Peak	6.00	150	Vertical	Pass
1**	1163.750	28.36	-15.47	54.0	25.64	AV	6.00	150	Vertical	Pass
2	1387.250	39.66	-15.54	74.0	34.34	Peak	101.00	150	Vertical	Pass
2**	1387.250	28.50	-15.54	54.0	25.50	AV	101.00	150	Vertical	Pass
3	4172.000	48.33	-3.33	74.0	25.67	Peak	240.00	150	Vertical	Pass
3**	4172.000	37.16	-3.33	54.0	16.84	AV	240.00	150	Vertical	Pass
4	5294.000	111.96	-0.53	--	8.04	Peak	120.00	150	Vertical	N/A
4**	5294.000	102.97	-0.53	--	-102.97	AV	120.00	150	Vertical	N/A
5	11442.562	50.31	-1.09	74.0	23.69	Peak	148.00	150	Vertical	Pass
5**	11442.562	39.52	-1.09	54.0	14.48	AV	148.00	150	Vertical	Pass
6	15954.338	52.66	1.14	74.0	21.34	Peak	360.00	150	Vertical	Pass
6**	15954.338	41.60	1.14	54.0	12.40	AV	360.00	150	Vertical	Pass

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



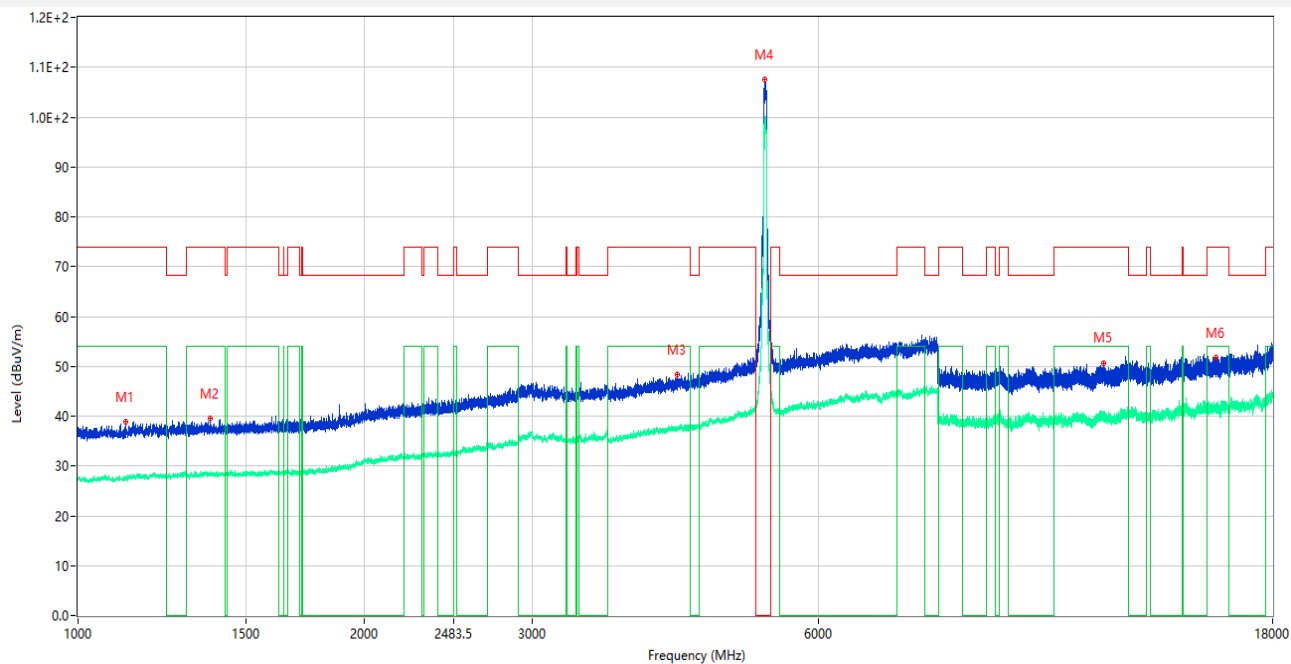
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1107.250	39.18	-15.67	74.0	34.82	Peak	124.00	150	Horizontal	Pass
1**	1107.250	27.30	-15.67	54.0	26.70	AV	124.00	150	Horizontal	Pass
2	1362.000	40.06	-15.37	74.0	33.94	Peak	288.00	150	Horizontal	Pass
2**	1362.000	28.67	-15.37	54.0	25.33	AV	288.00	150	Horizontal	Pass
3	4251.000	48.70	-2.76	74.0	25.30	Peak	94.00	150	Horizontal	Pass
3**	4251.000	37.52	-2.76	54.0	16.48	AV	94.00	150	Horizontal	Pass
4	5301.500	109.44	-0.62	--	111.56	Peak	221.00	150	Horizontal	N/A
4**	5301.500	101.97	-0.62	--	-101.97	AV	221.00	150	Horizontal	N/A
5	11850.350	50.40	-1.26	74.0	23.60	Peak	313.00	150	Horizontal	Pass
5**	11850.350	39.94	-1.26	54.0	14.06	AV	313.00	150	Horizontal	Pass
6	15718.612	52.13	1.31	74.0	21.87	Peak	68.00	150	Horizontal	Pass
6**	15718.612	41.80	1.31	54.0	12.20	AV	68.00	150	Horizontal	Pass

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



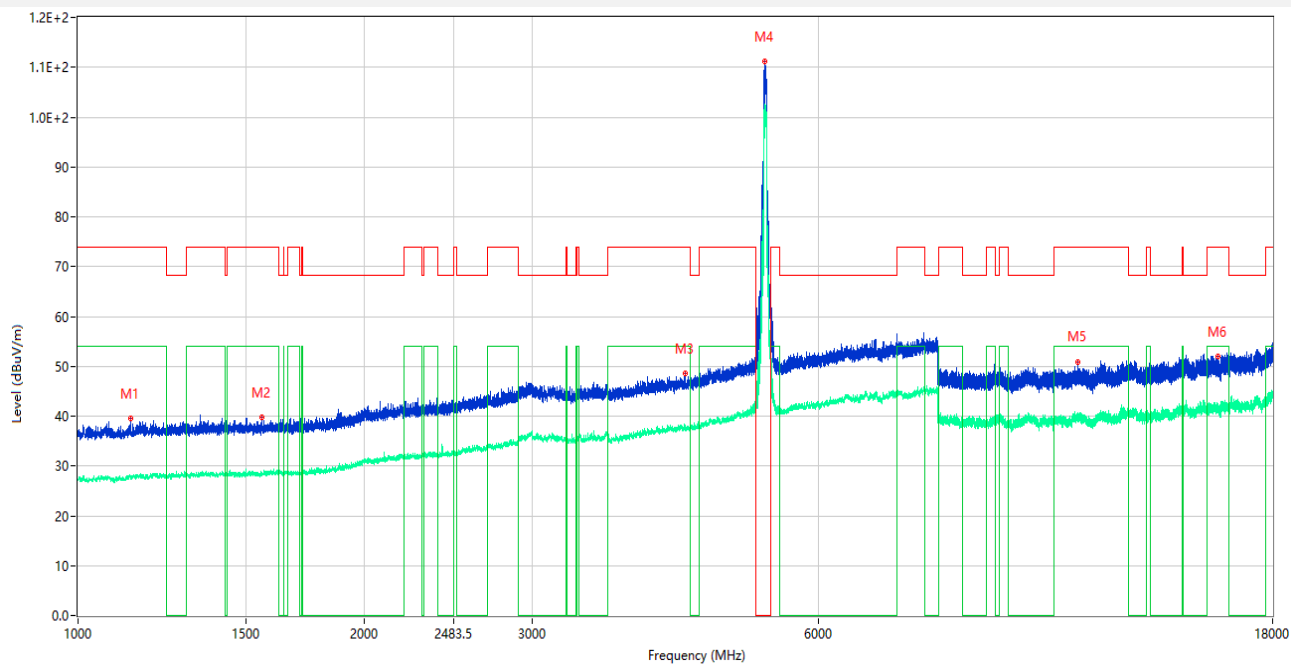
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1167.750	39.30	-15.47	74.0	34.70	Peak	234.00	150	Vertical	Pass
1**	1167.750	28.04	-15.47	54.0	25.96	AV	234.00	150	Vertical	Pass
2	1545.500	39.72	-15.43	74.0	34.28	Peak	157.00	150	Vertical	Pass
2**	1545.500	27.98	-15.43	54.0	26.02	AV	157.00	150	Vertical	Pass
3	4210.000	48.04	-2.30	74.0	25.96	Peak	2.00	150	Vertical	Pass
3**	4210.000	37.48	-2.30	54.0	16.52	AV	2.00	150	Vertical	Pass
4	5293.500	111.81	-0.51	--	1.19	Peak	113.00	150	Vertical	N/A
4**	5293.500	102.87	-0.51	--	-102.87	AV	113.00	150	Vertical	N/A
5	12497.776	51.34	0.17	74.0	22.66	Peak	290.00	150	Vertical	Pass
5**	12497.776	40.79	0.17	54.0	13.21	AV	290.00	150	Vertical	Pass
6	15624.112	52.21	1.52	74.0	21.79	Peak	1.00	150	Vertical	Pass
6**	15624.112	42.30	1.52	54.0	11.70	AV	1.00	150	Vertical	Pass

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



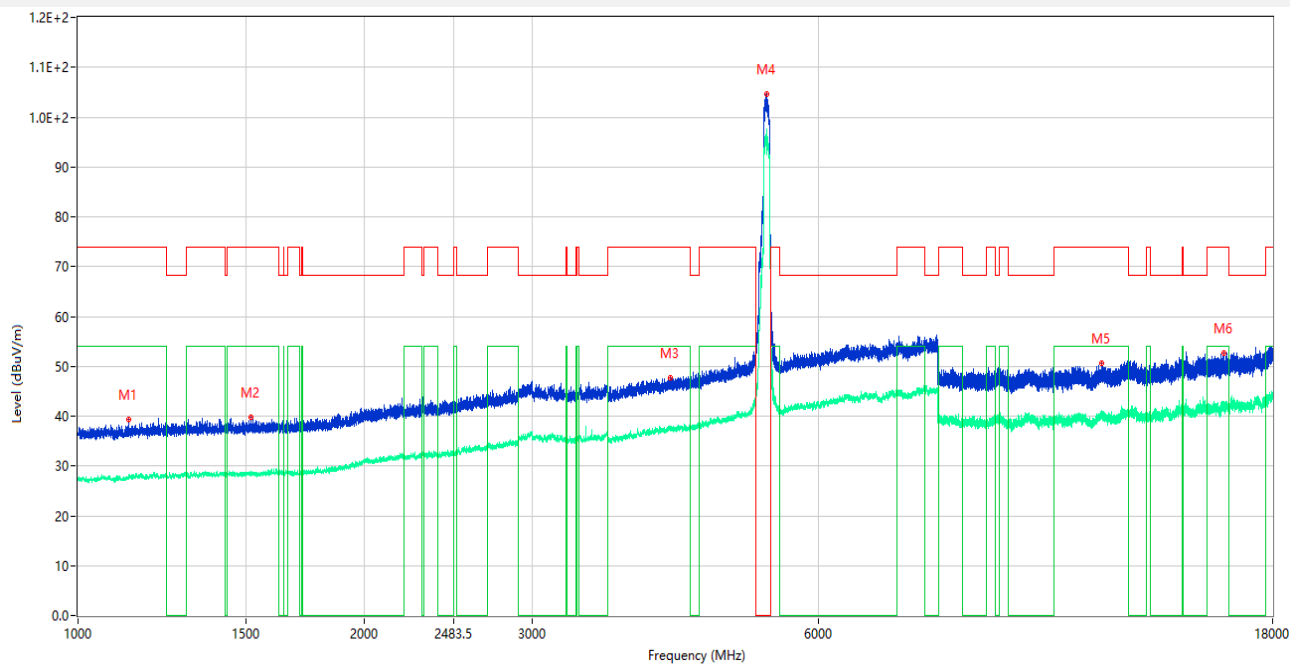
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1121.000	38.81	-15.79	74.0	35.19	Peak	0.00	150	Horizontal	Pass
1**	1121.000	27.37	-15.79	54.0	26.63	AV	0.00	150	Horizontal	Pass
2	1377.000	39.62	-15.53	74.0	34.38	Peak	310.00	150	Horizontal	Pass
2**	1377.000	28.31	-15.53	54.0	25.69	AV	310.00	150	Horizontal	Pass
3	4263.500	48.44	-2.86	74.0	25.56	Peak	169.00	150	Horizontal	Pass
3**	4263.500	37.30	-2.86	54.0	16.70	AV	169.00	150	Horizontal	Pass
4	5272.500	107.58	-0.84	--	111.42	Peak	219.00	150	Horizontal	N/A
4**	5272.500	99.54	-0.84	--	-99.54	AV	219.00	150	Horizontal	N/A
5	11948.675	50.72	-1.21	74.0	23.28	Peak	29.00	150	Horizontal	Pass
5**	11948.675	39.81	-1.21	54.0	14.19	AV	29.00	150	Horizontal	Pass
6	15706.013	51.74	1.31	74.0	22.26	Peak	1.00	150	Horizontal	Pass
6**	15706.013	41.51	1.31	54.0	12.49	AV	1.00	150	Horizontal	Pass

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



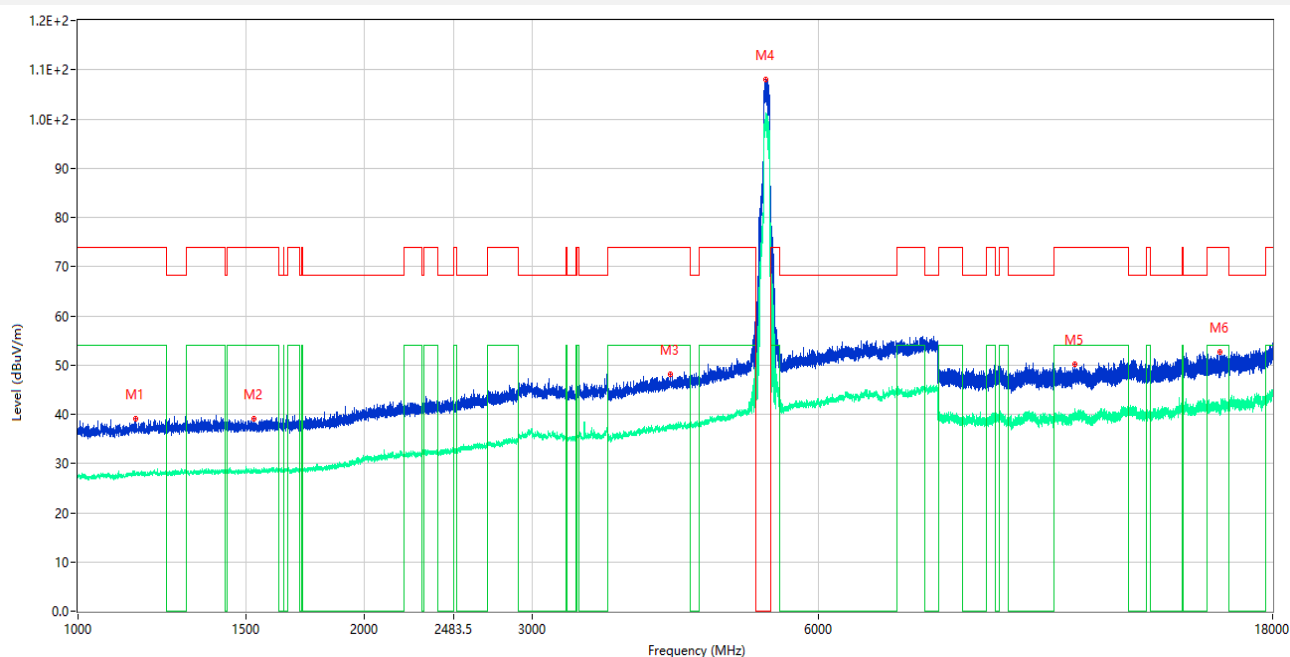
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1135.000	39.54	-15.49	74.0	34.46	Peak	0.00	150	Vertical	Pass
1**	1135.000	27.71	-15.49	54.0	26.29	AV	0.00	150	Vertical	Pass
2	1559.750	39.77	-15.23	74.0	34.23	Peak	321.00	150	Vertical	Pass
2**	1559.750	28.64	-15.23	54.0	25.36	AV	321.00	150	Vertical	Pass
3	4345.500	48.64	-2.34	74.0	25.36	Peak	167.00	150	Vertical	Pass
3**	4345.500	37.43	-2.34	54.0	16.57	AV	167.00	150	Vertical	Pass
4	5268.000	111.24	-0.84	--	-4.24	Peak	107.00	150	Vertical	N/A
4**	5268.000	102.46	-0.84	--	-102.46	AV	107.00	150	Vertical	N/A
5	11242.825	50.75	-1.26	74.0	23.25	Peak	0.00	150	Vertical	Pass
5**	11242.825	40.38	-1.26	54.0	13.62	AV	0.00	150	Vertical	Pass
6	15763.500	51.86	0.99	74.0	22.14	Peak	140.00	150	Vertical	Pass
6**	15763.500	41.49	0.99	54.0	12.51	AV	140.00	150	Vertical	Pass

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



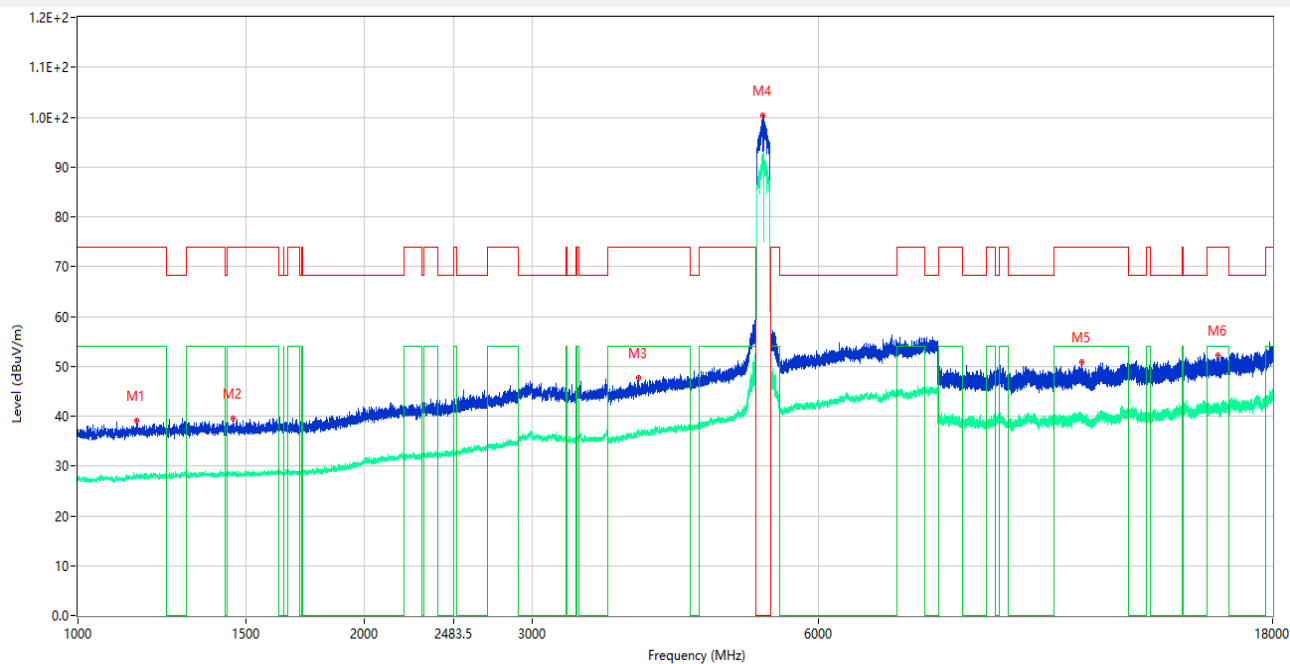
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1130.500	39.40	-15.62	74.0	34.60	Peak	0.00	150	Horizontal	Pass
1**	1130.500	28.15	-15.62	54.0	25.85	AV	0.00	150	Horizontal	Pass
2	1520.250	39.72	-15.35	74.0	34.28	Peak	277.00	150	Horizontal	Pass
2**	1520.250	28.79	-15.35	54.0	25.21	AV	277.00	150	Horizontal	Pass
3	4190.500	47.71	-2.79	74.0	26.29	Peak	131.00	150	Horizontal	Pass
3**	4190.500	37.56	-2.79	54.0	16.44	AV	131.00	150	Horizontal	Pass
4	5294.000	104.52	-0.53	--	114.48	Peak	219.00	150	Horizontal	N/A
4**	5294.000	95.43	-0.53	--	-95.43	AV	219.00	150	Horizontal	N/A
5	11894.287	50.52	-0.87	74.0	23.48	Peak	360.00	150	Horizontal	Pass
5**	11894.287	40.03	-0.87	54.0	13.97	AV	360.00	150	Horizontal	Pass
6	16011.037	52.62	1.18	74.0	21.38	Peak	68.00	150	Horizontal	Pass
6**	16011.037	41.73	1.18	54.0	12.27	AV	68.00	150	Horizontal	Pass

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



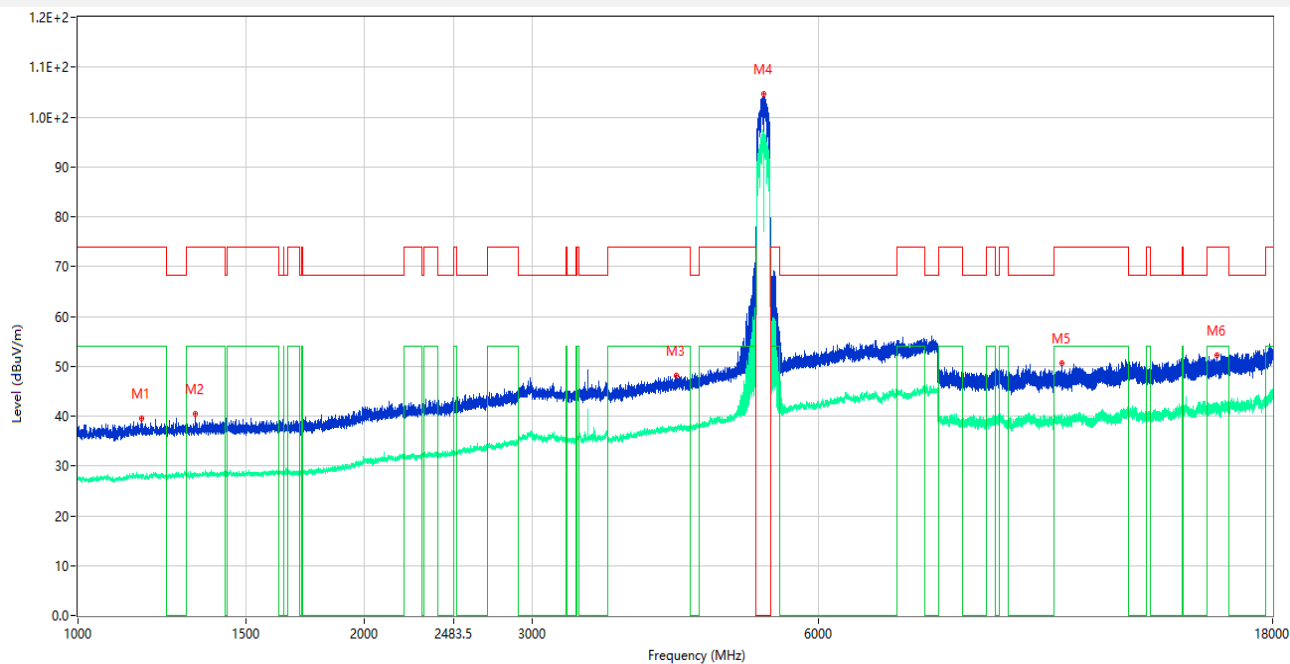
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1148.500	39.12	-15.36	74.0	34.88	Peak	170.00	150	Vertical	Pass
1**	1148.500	27.78	-15.36	54.0	26.22	AV	170.00	150	Vertical	Pass
2	1531.250	39.08	-15.41	74.0	34.92	Peak	143.00	150	Vertical	Pass
2**	1531.250	28.75	-15.41	54.0	25.25	AV	143.00	150	Vertical	Pass
3	4195.000	48.10	-2.62	74.0	25.90	Peak	360.00	150	Vertical	Pass
3**	4195.000	37.67	-2.62	54.0	16.33	AV	360.00	150	Vertical	Pass
4	5283.500	108.00	-0.74	--	13.00	Peak	121.00	150	Vertical	N/A
4**	5283.500	99.97	-0.74	--	-99.97	AV	121.00	150	Vertical	N/A
5	11150.437	50.13	-1.13	74.0	23.87	Peak	0.00	150	Vertical	Pass
5**	11150.437	39.75	-1.13	54.0	14.25	AV	0.00	150	Vertical	Pass
6	15837.525	52.69	1.71	74.0	21.31	Peak	360.00	150	Vertical	Pass
6**	15837.525	40.90	1.71	54.0	13.10	AV	360.00	150	Vertical	Pass

11ac160 , U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H



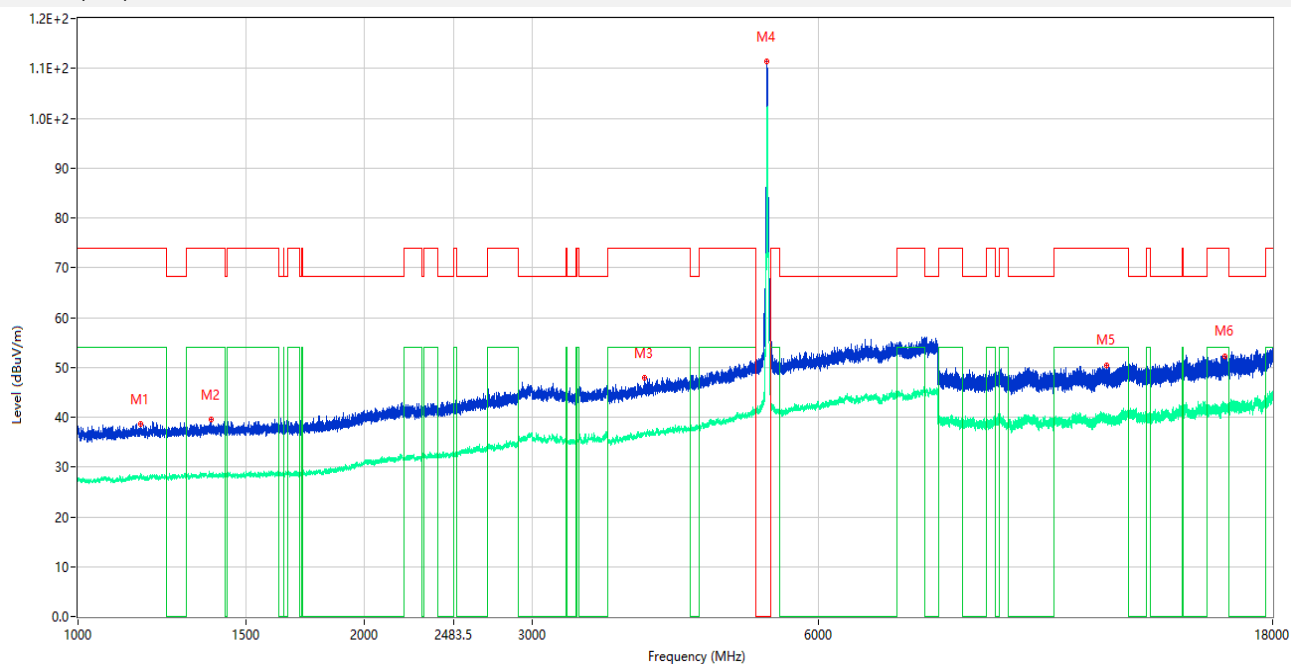
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1152.250	39.02	-15.37	74.0	34.98	Peak	167.00	150	Horizontal	Pass
1**	1152.250	28.10	-15.37	54.0	25.90	AV	167.00	150	Horizontal	Pass
2	1456.500	39.57	-15.39	74.0	34.43	Peak	323.00	150	Horizontal	Pass
2**	1456.500	28.19	-15.39	54.0	25.81	AV	323.00	150	Horizontal	Pass
3	3882.500	47.59	-3.81	74.0	26.41	Peak	241.00	150	Horizontal	Pass
3**	3882.500	36.62	-3.81	54.0	17.38	AV	241.00	150	Horizontal	Pass
4	5240.000	100.27	-0.74	--	130.73	Peak	231.00	150	Horizontal	N/A
4**	5240.000	91.97	-0.74	--	-91.97	AV	231.00	150	Horizontal	N/A
5	11348.275	50.88	-1.57	74.0	23.12	Peak	360.00	150	Horizontal	Pass
5**	11348.275	39.34	-1.57	54.0	14.66	AV	360.00	150	Horizontal	Pass
6	15757.463	52.25	0.81	74.0	21.75	Peak	69.00	150	Horizontal	Pass
6**	15757.463	41.34	0.81	54.0	12.66	AV	69.00	150	Horizontal	Pass

11ac160 , U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V



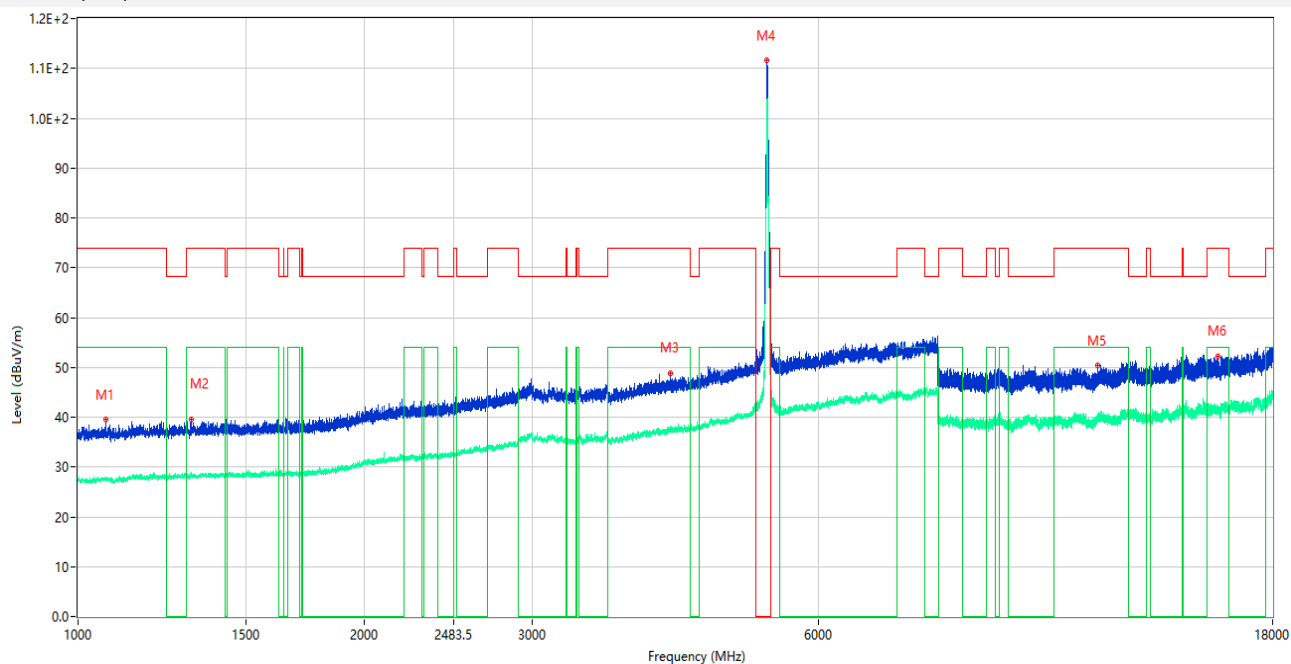
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.000	39.47	-15.47	74.0	34.53	Peak	168.00	150	Vertical	Pass
1**	1165.000	27.94	-15.47	54.0	26.06	AV	168.00	150	Vertical	Pass
2	1329.500	40.43	-15.51	74.0	33.57	Peak	21.00	150	Vertical	Pass
2**	1329.500	28.23	-15.51	54.0	25.77	AV	21.00	150	Vertical	Pass
3	4256.500	48.16	-3.09	74.0	25.84	Peak	360.00	150	Vertical	Pass
3**	4256.500	36.88	-3.09	54.0	17.12	AV	360.00	150	Vertical	Pass
4	5256.000	104.71	-0.61	--	15.29	Peak	120.00	150	Vertical	N/A
4**	5256.000	96.96	-0.61	--	-96.96	AV	120.00	150	Vertical	N/A
5	10802.025	50.63	-1.22	74.0	23.37	Peak	360.00	150	Vertical	Pass
5**	10802.025	39.14	-1.22	54.0	14.86	AV	360.00	150	Vertical	Pass
6	15727.799	52.29	1.10	74.0	21.71	Peak	241.00	150	Vertical	Pass
6**	15727.799	41.82	1.10	54.0	12.18	AV	241.00	150	Vertical	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H



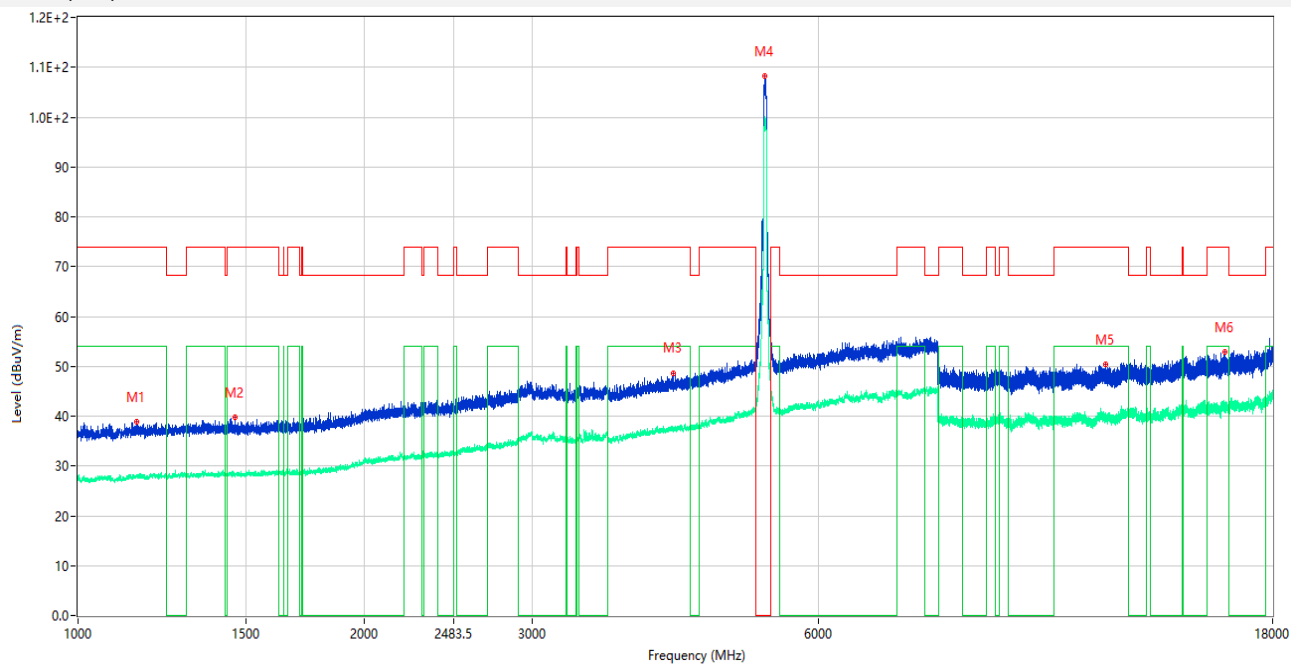
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1163.500	38.69	-15.48	74.0	35.31	Peak	23.00	150	Horizontal	Pass
1**	1163.500	27.69	-15.48	54.0	26.31	AV	23.00	150	Horizontal	Pass
2	1378.750	39.51	-15.54	74.0	34.49	Peak	356.00	150	Horizontal	Pass
2**	1378.750	28.36	-15.54	54.0	25.64	AV	356.00	150	Horizontal	Pass
3	3942.000	47.82	-3.50	74.0	26.18	Peak	197.00	150	Horizontal	Pass
3**	3942.000	36.52	-3.50	54.0	17.48	AV	197.00	150	Horizontal	Pass
4	5299.000	111.44	-0.52	--	244.56	Peak	356.00	150	Horizontal	N/A
4**	5299.000	102.05	-0.52	--	-102.05	AV	356.00	150	Horizontal	N/A
5	12039.162	50.48	-1.30	74.0	23.52	Peak	28.00	150	Horizontal	Pass
5**	12039.162	39.07	-1.30	54.0	14.93	AV	28.00	150	Horizontal	Pass
6	16053.300	52.20	1.74	74.0	21.80	Peak	173.00	150	Horizontal	Pass
6**	16053.300	42.18	1.74	54.0	11.82	AV	173.00	150	Horizontal	Pass

11ax20 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V



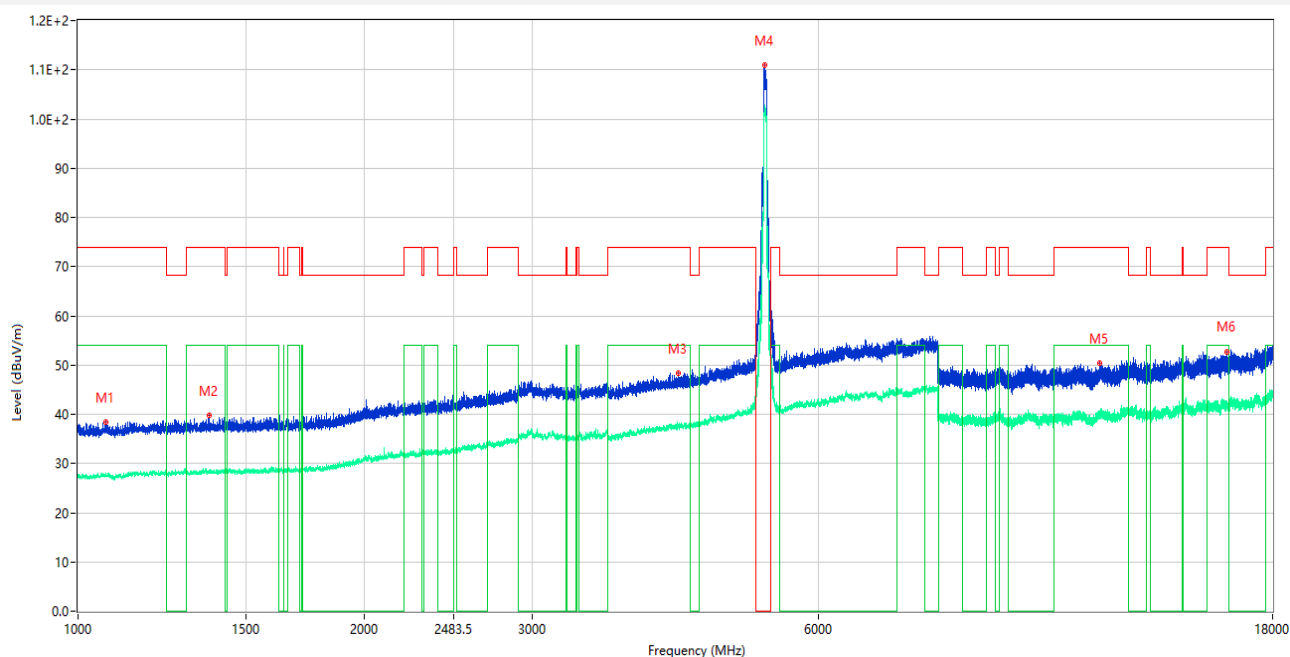
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1068.750	39.57	-15.57	74.0	34.43	Peak	359.00	150	Vertical	Pass
1**	1068.750	27.92	-15.57	54.0	26.08	AV	359.00	150	Vertical	Pass
2	1315.000	39.54	-15.38	74.0	34.46	Peak	74.00	150	Vertical	Pass
2**	1315.000	28.32	-15.38	54.0	25.68	AV	74.00	150	Vertical	Pass
3	4195.000	48.91	-2.62	74.0	25.09	Peak	76.00	150	Vertical	Pass
3**	4195.000	37.57	-2.62	54.0	16.43	AV	76.00	150	Vertical	Pass
4	5299.000	111.61	-0.52	--	-4.61	Peak	107.00	150	Vertical	N/A
4**	5299.000	103.65	-0.52	--	-103.65	AV	107.00	150	Vertical	N/A
5	11802.613	50.39	-1.36	74.0	23.61	Peak	147.00	150	Vertical	Pass
5**	11802.613	39.80	-1.36	54.0	14.20	AV	147.00	150	Vertical	Pass
6	15782.138	52.14	0.84	74.0	21.86	Peak	312.00	150	Vertical	Pass
6**	15782.138	41.04	0.84	54.0	12.96	AV	312.00	150	Vertical	Pass

1ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H



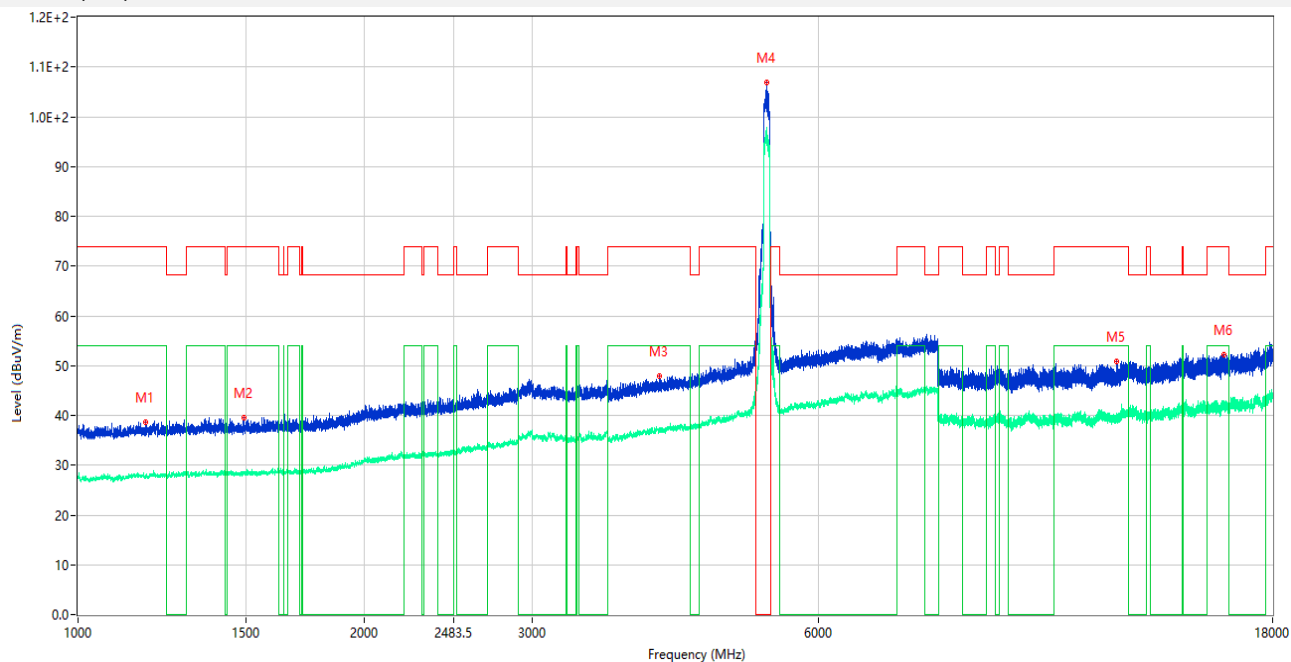
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1153.500	38.93	-15.39	74.0	35.07	Peak	337.00	150	Horizontal	Pass
1**	1153.500	28.05	-15.39	54.0	25.95	AV	337.00	150	Horizontal	Pass
2	1461.750	39.72	-15.45	74.0	34.28	Peak	196.00	150	Horizontal	Pass
2**	1461.750	28.31	-15.45	54.0	25.69	AV	196.00	150	Horizontal	Pass
3	4219.000	48.70	-2.92	74.0	25.30	Peak	268.00	150	Horizontal	Pass
3**	4219.000	37.36	-2.92	54.0	16.64	AV	268.00	150	Horizontal	Pass
4	5273.500	108.18	-0.85	--	-94.18	Peak	14.00	150	Horizontal	N/A
4**	5273.500	99.63	-0.85	--	-99.63	AV	14.00	150	Horizontal	N/A
5	12022.537	50.32	-0.93	74.0	23.68	Peak	268.00	150	Horizontal	Pass
5**	12022.537	40.15	-0.93	54.0	13.85	AV	268.00	150	Horizontal	Pass
6	16046.737	52.99	1.06	74.0	21.01	Peak	172.00	150	Horizontal	Pass
6**	16046.737	41.74	1.06	54.0	12.26	AV	172.00	150	Horizontal	Pass

11ax40 (SU), U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V



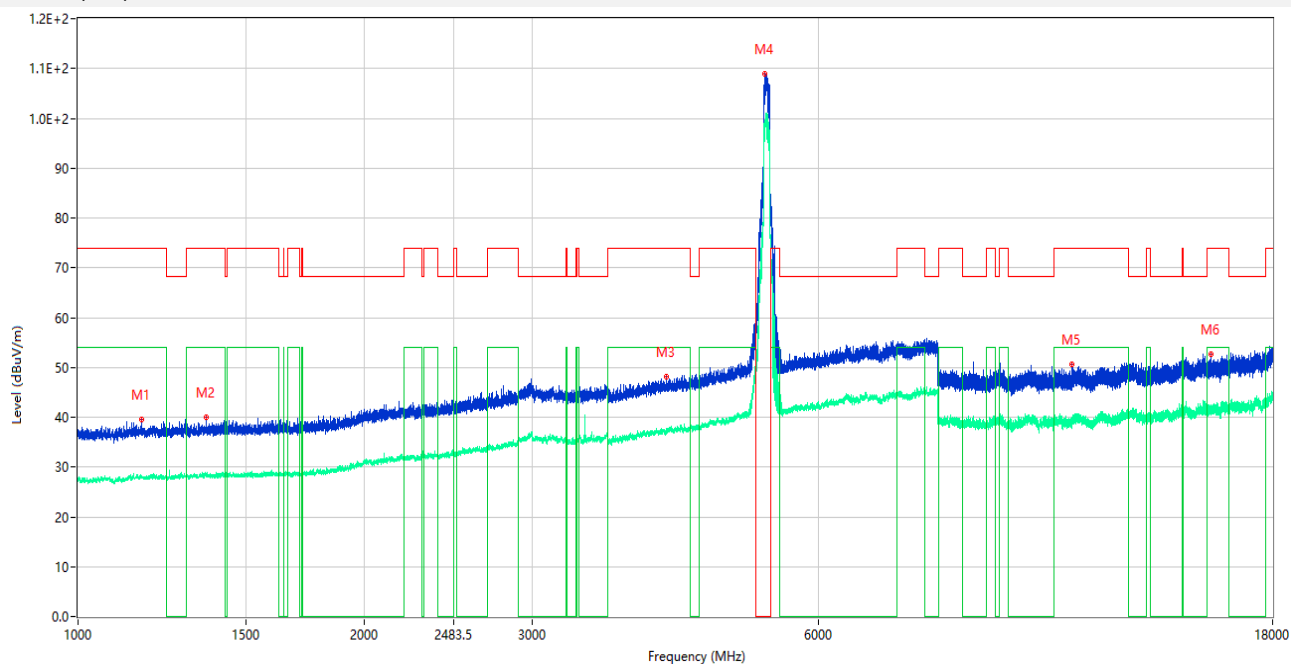
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1068.500	38.46	-15.55	74.0	35.54	Peak	129.00	150	Vertical	Pass
1**	1068.500	27.55	-15.55	54.0	26.45	AV	129.00	150	Vertical	Pass
2	1374.750	39.68	-15.57	74.0	34.32	Peak	110.00	150	Vertical	Pass
2**	1374.750	28.43	-15.57	54.0	25.57	AV	110.00	150	Vertical	Pass
3	4274.500	48.43	-2.34	74.0	25.57	Peak	18.00	150	Vertical	Pass
3**	4274.500	37.48	-2.34	54.0	16.52	AV	18.00	150	Vertical	Pass
4	5269.500	110.94	-0.89	--	16.06	Peak	127.00	150	Vertical	N/A
4**	5269.500	100.89	-0.89	--	-100.89	AV	127.00	150	Vertical	N/A
5	11835.862	50.31	-1.16	74.0	23.69	Peak	360.00	150	Vertical	Pass
5**	11835.862	39.63	-1.16	54.0	14.37	AV	360.00	150	Vertical	Pass
6	16097.925	52.58	1.85	74.0	21.42	Peak	137.00	150	Vertical	Pass
6**	16097.925	41.85	1.85	54.0	12.15	AV	137.00	150	Vertical	Pass

11ax80 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H



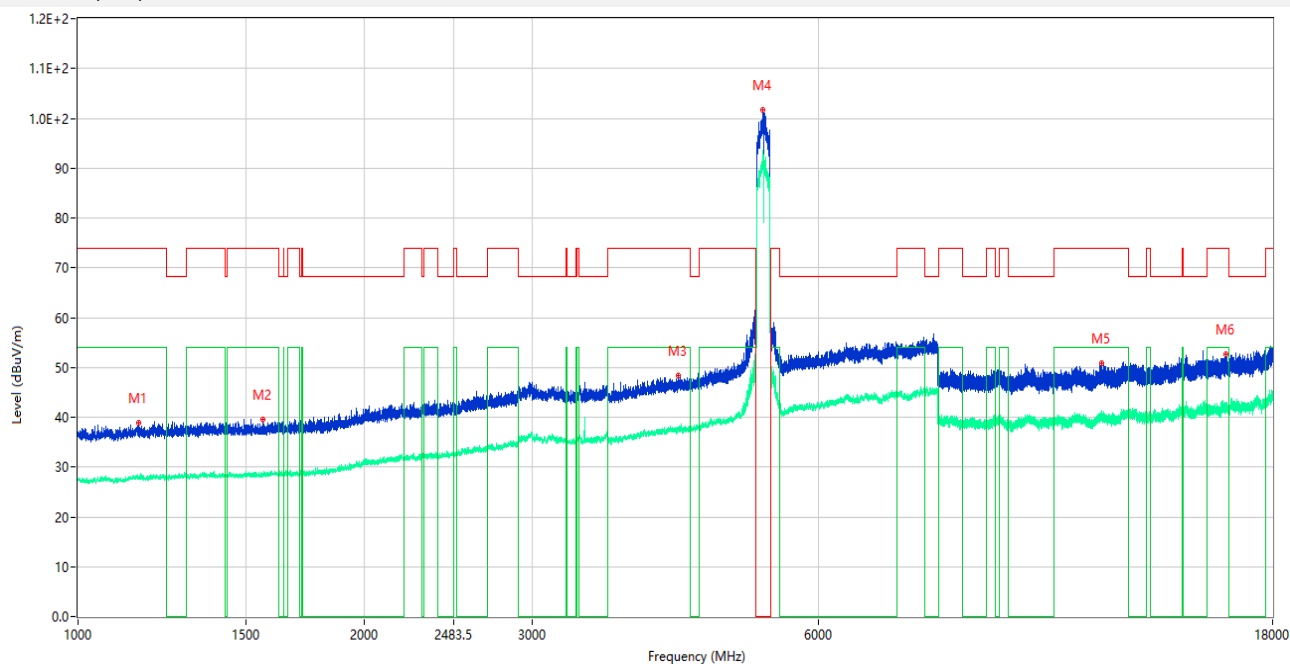
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1178.500	38.68	-15.52	74.0	35.32	Peak	21.00	150	Horizontal	Pass
1**	1178.500	27.84	-15.52	54.0	26.16	AV	21.00	150	Horizontal	Pass
2	1493.000	39.61	-15.47	74.0	34.39	Peak	229.00	150	Horizontal	Pass
2**	1493.000	28.32	-15.47	54.0	25.68	AV	229.00	150	Horizontal	Pass
3	4082.500	47.86	-3.82	74.0	26.14	Peak	250.00	150	Horizontal	Pass
3**	4082.500	36.90	-3.82	54.0	17.10	AV	250.00	150	Horizontal	Pass
4	5288.000	106.78	-0.62	--	233.22	Peak	340.00	150	Horizontal	N/A
4**	5288.000	97.90	-0.62	--	-97.90	AV	340.00	150	Horizontal	N/A
5	12337.463	50.75	-0.77	74.0	23.25	Peak	0.00	150	Horizontal	Pass
5**	12337.463	38.94	-0.77	54.0	15.06	AV	0.00	150	Horizontal	Pass
6	15997.388	52.25	0.96	74.0	21.75	Peak	139.00	150	Horizontal	Pass
6**	15997.388	41.18	0.96	54.0	12.82	AV	139.00	150	Horizontal	Pass

11ax80 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V



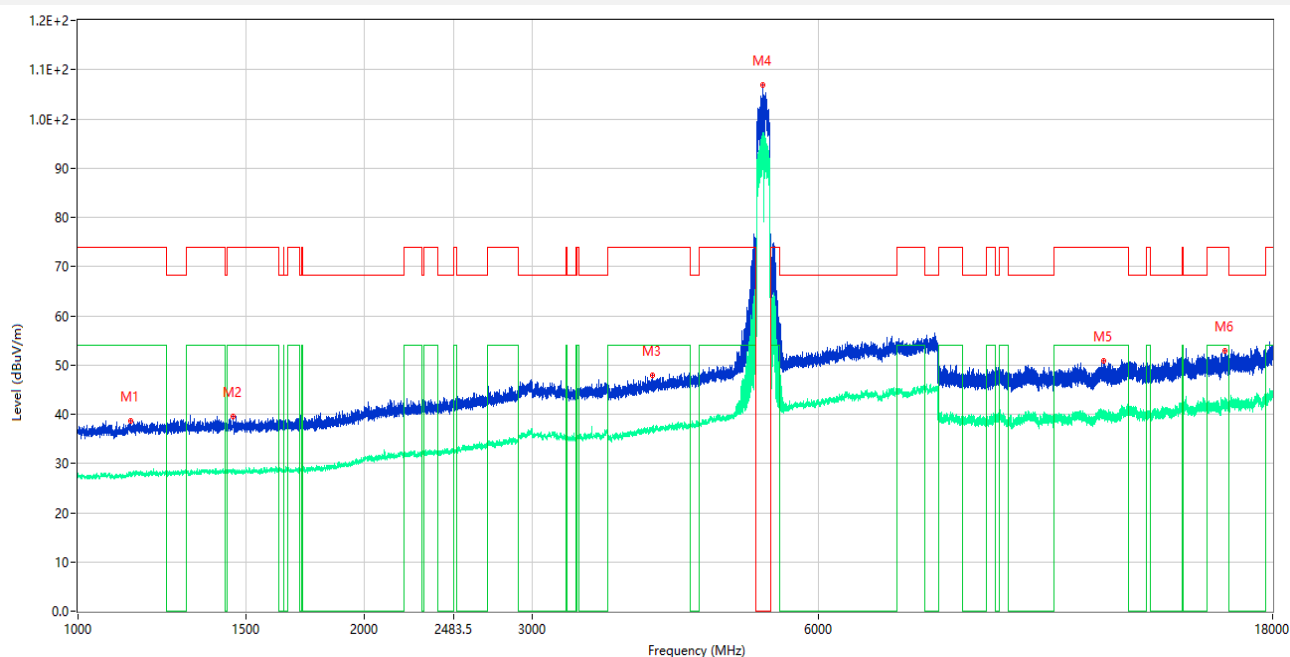
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1165.750	39.51	-15.50	74.0	34.49	Peak	0.00	150	Vertical	Pass
1**	1165.750	27.84	-15.50	54.0	26.16	AV	0.00	150	Vertical	Pass
2	1364.250	40.08	-15.44	74.0	33.92	Peak	178.00	150	Vertical	Pass
2**	1364.250	28.61	-15.44	54.0	25.39	AV	178.00	150	Vertical	Pass
3	4148.000	48.17	-3.56	74.0	25.83	Peak	1.00	150	Vertical	Pass
3**	4148.000	36.91	-3.56	54.0	17.09	AV	1.00	150	Vertical	Pass
4	5269.500	108.99	-0.89	--	15.01	Peak	124.00	150	Vertical	N/A
4**	5269.500	98.43	-0.89	--	-98.43	AV	124.00	150	Vertical	N/A
5	11086.075	50.54	-1.12	74.0	23.46	Peak	267.00	150	Vertical	Pass
5**	11086.075	39.50	-1.12	54.0	14.50	AV	267.00	150	Vertical	Pass
6	15504.151	52.56	0.97	74.0	21.44	Peak	69.00	150	Vertical	Pass
6**	15504.151	41.59	0.97	54.0	12.41	AV	69.00	150	Vertical	Pass

11ax160 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H



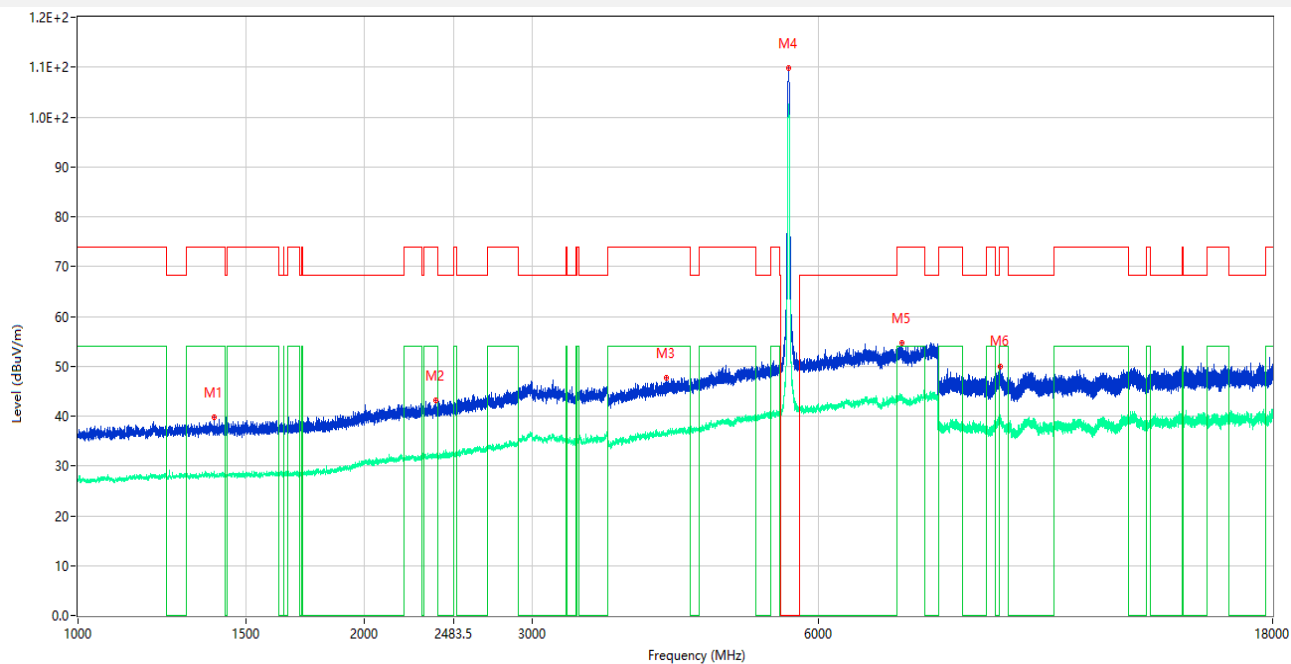
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1157.250	38.89	-15.43	74.0	35.11	Peak	323.00	150	Horizontal	Pass
1**	1157.250	27.86	-15.43	54.0	26.14	AV	323.00	150	Horizontal	Pass
2	1565.000	39.58	-15.18	74.0	34.42	Peak	268.00	150	Horizontal	Pass
2**	1565.000	28.47	-15.18	54.0	25.53	AV	268.00	150	Horizontal	Pass
3	4272.500	48.32	-2.37	74.0	25.68	Peak	360.00	150	Horizontal	Pass
3**	4272.500	37.89	-2.37	54.0	16.11	AV	360.00	150	Horizontal	Pass
4	5248.000	101.70	-0.56	--	119.30	Peak	221.00	150	Horizontal	N/A
4**	5248.000	93.50	-0.56	--	-93.50	AV	221.00	150	Horizontal	N/A
5	11898.800	50.75	-0.90	74.0	23.25	Peak	123.00	150	Horizontal	Pass
5**	11898.800	40.20	-0.90	54.0	13.80	AV	123.00	150	Horizontal	Pass
6	16070.625	52.55	1.88	74.0	21.45	Peak	1.00	150	Horizontal	Pass
6**	16070.625	42.31	1.88	54.0	11.69	AV	1.00	150	Horizontal	Pass

11ax160 (SU), U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V



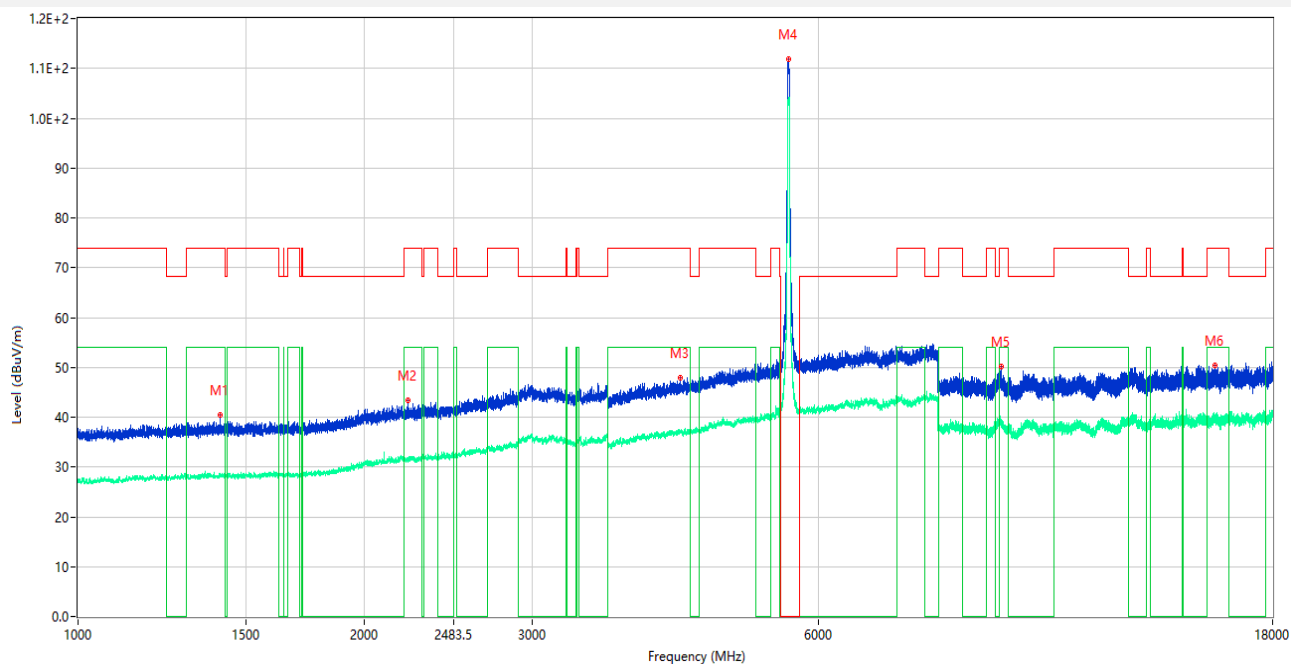
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1135.250	38.68	-15.48	74.0	35.32	Peak	169.00	150	Vertical	Pass
1**	1135.250	28.05	-15.48	54.0	25.95	AV	169.00	150	Vertical	Pass
2	1454.500	39.47	-15.40	74.0	34.53	Peak	160.00	150	Vertical	Pass
2**	1454.500	28.41	-15.40	54.0	25.59	AV	160.00	150	Vertical	Pass
3	4010.500	47.80	-3.60	74.0	26.20	Peak	99.00	150	Vertical	Pass
3**	4010.500	36.98	-3.60	54.0	17.02	AV	99.00	150	Vertical	Pass
4	5238.500	106.91	-0.76	--	12.09	Peak	119.00	150	Vertical	N/A
4**	5238.500	96.67	-0.76	--	-96.67	AV	119.00	150	Vertical	N/A
5	11969.100	50.88	-1.02	74.0	23.12	Peak	341.00	150	Vertical	Pass
5**	11969.100	40.49	-1.02	54.0	13.51	AV	341.00	150	Vertical	Pass
6	16056.450	52.87	1.79	74.0	21.13	Peak	241.00	150	Vertical	Pass
6**	16056.450	42.35	1.79	54.0	11.65	AV	241.00	150	Vertical	Pass

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



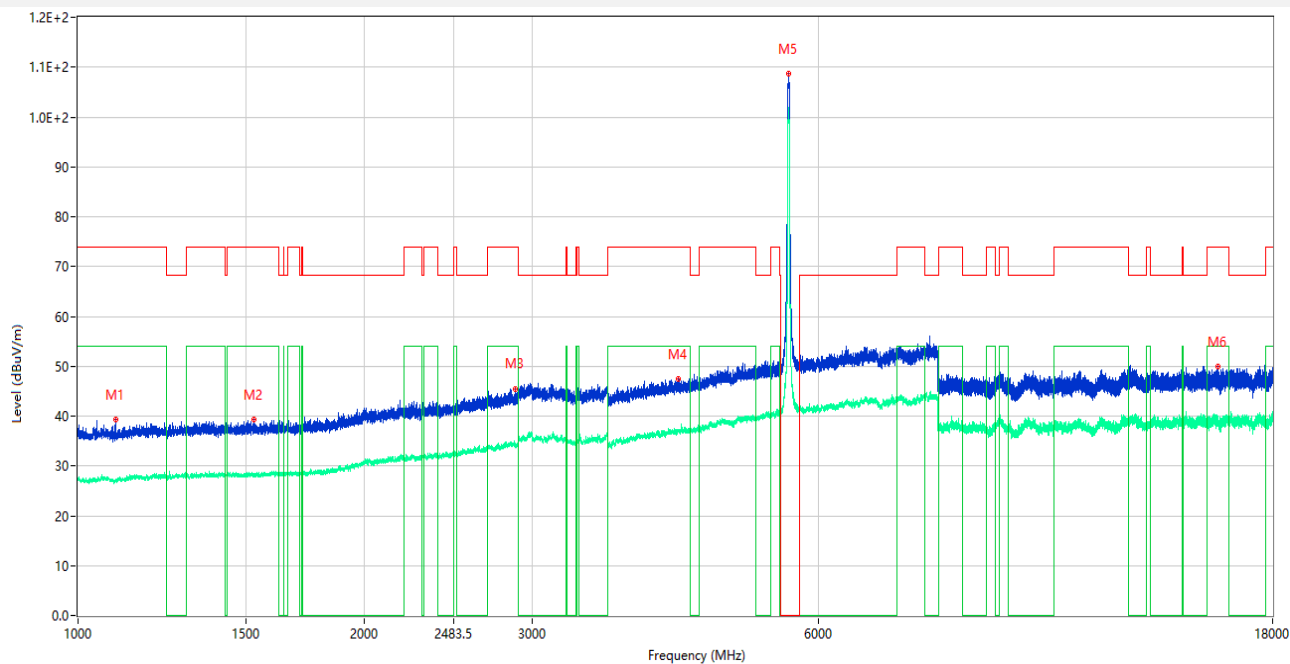
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1391.500	39.72	-15.48	74.0	34.28	Peak	0.00	150	Horizontal	Pass
1**	1391.500	28.09	-15.48	54.0	25.91	AV	0.00	150	Horizontal	Pass
2	2377.250	43.19	-11.50	74.0	30.81	Peak	0.00	150	Horizontal	Pass
2**	2377.250	31.94	-11.50	54.0	22.06	AV	0.00	150	Horizontal	Pass
3	4154.000	47.72	-3.66	74.0	26.28	Peak	360.00	150	Horizontal	Pass
3**	4154.000	36.40	-3.66	54.0	17.60	AV	360.00	150	Horizontal	Pass
4	5581.000	109.77	-0.71	--	-40.77	Peak	69.00	150	Horizontal	N/A
4**	5581.000	101.64	-0.71	--	-101.64	AV	69.00	150	Horizontal	N/A
5	7348.000	54.67	3.03	74.0	19.33	Peak	319.00	150	Horizontal	Pass
5**	7348.000	43.86	3.03	54.0	10.14	AV	319.00	150	Horizontal	Pass
6	9323.588	50.06	-1.98	74.0	23.94	Peak	360.00	150	Horizontal	Pass
6**	9323.588	38.65	-1.98	54.0	15.35	AV	360.00	150	Horizontal	Pass

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



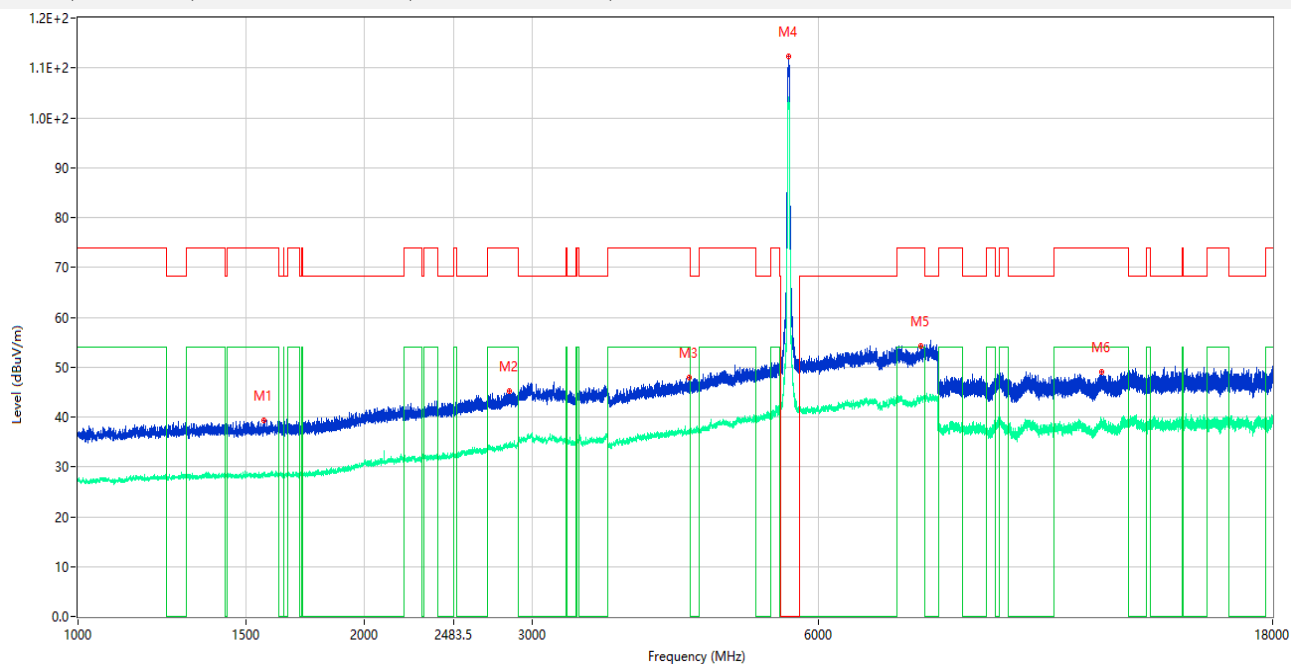
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1412.000	40.45	-15.36	74.0	33.55	Peak	0.00	150	Vertical	Pass
1**	1412.000	27.92	-15.36	54.0	26.08	AV	0.00	150	Vertical	Pass
2	2220.000	43.33	-11.96	74.0	30.67	Peak	92.00	150	Vertical	Pass
2**	2220.000	31.50	-11.96	54.0	22.50	AV	92.00	150	Vertical	Pass
3	4294.500	47.84	-3.06	74.0	26.16	Peak	190.00	150	Vertical	Pass
3**	4294.500	36.94	-3.06	54.0	17.06	AV	190.00	150	Vertical	Pass
4	5586.500	111.84	-0.59	--	6.16	Peak	118.00	150	Vertical	N/A
4**	5586.500	103.56	-0.59	--	-103.56	AV	118.00	150	Vertical	N/A
5	9331.188	50.21	-2.06	74.0	23.79	Peak	360.00	150	Vertical	Pass
5**	9331.188	39.21	-2.06	54.0	14.79	AV	360.00	150	Vertical	Pass
6	15647.737	50.41	1.26	74.0	23.59	Peak	276.00	150	Vertical	Pass
6**	15647.737	39.54	1.26	54.0	14.46	AV	276.00	150	Vertical	Pass

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



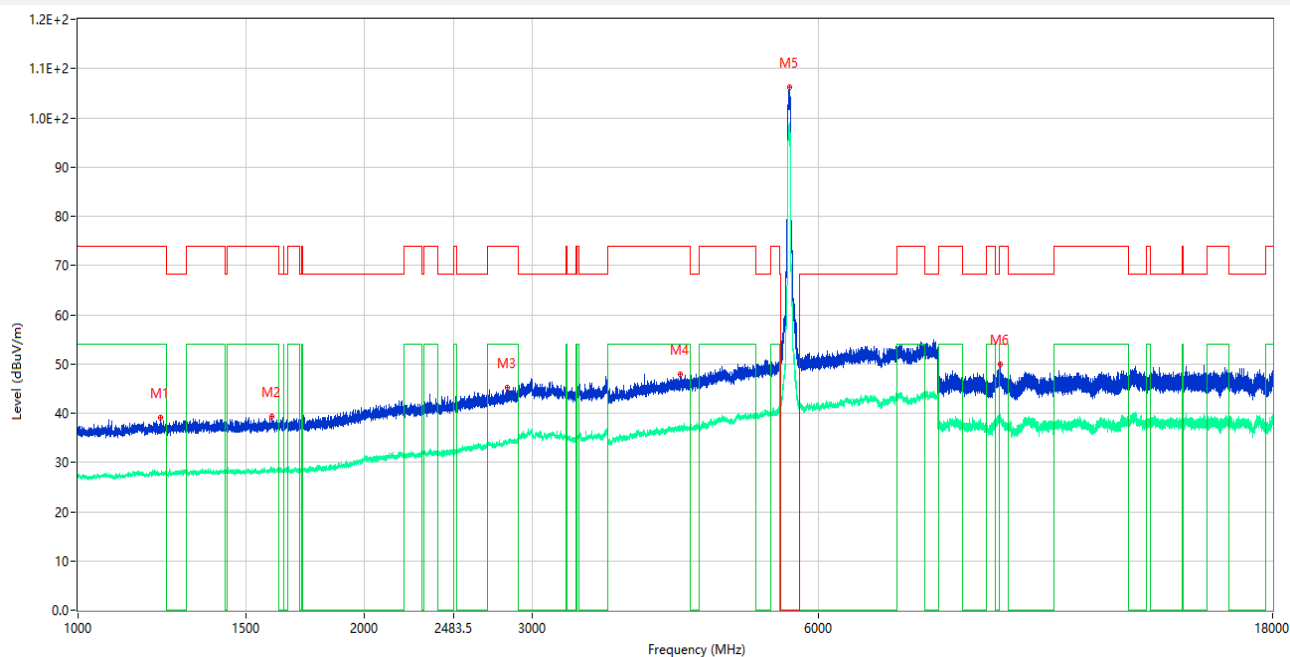
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1095.250	39.32	-15.73	74.0	34.68	Peak	336.00	150	Horizontal	Pass
1**	1095.250	27.37	-15.73	54.0	26.63	AV	336.00	150	Horizontal	Pass
2	1530.750	39.27	-15.42	74.0	34.73	Peak	0.00	150	Horizontal	Pass
2**	1530.750	28.22	-15.42	54.0	25.78	AV	0.00	150	Horizontal	Pass
3	2883.750	45.53	-7.88	74.0	28.47	Peak	185.00	150	Horizontal	Pass
3**	2883.750	34.19	-7.88	54.0	19.81	AV	185.00	150	Horizontal	Pass
4	4277.000	47.45	-2.42	74.0	26.55	Peak	101.00	150	Horizontal	Pass
4**	4277.000	37.19	-2.42	54.0	16.81	AV	101.00	150	Horizontal	Pass
5	5579.000	108.71	-0.74	--	-48.71	Peak	60.00	150	Horizontal	N/A
5**	5579.000	100.40	-0.74	--	-100.40	AV	60.00	150	Horizontal	N/A
6	15758.775	49.90	0.96	74.0	24.10	Peak	242.00	150	Horizontal	Pass
6**	15758.775	38.96	0.96	54.0	15.04	AV	242.00	150	Horizontal	Pass

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



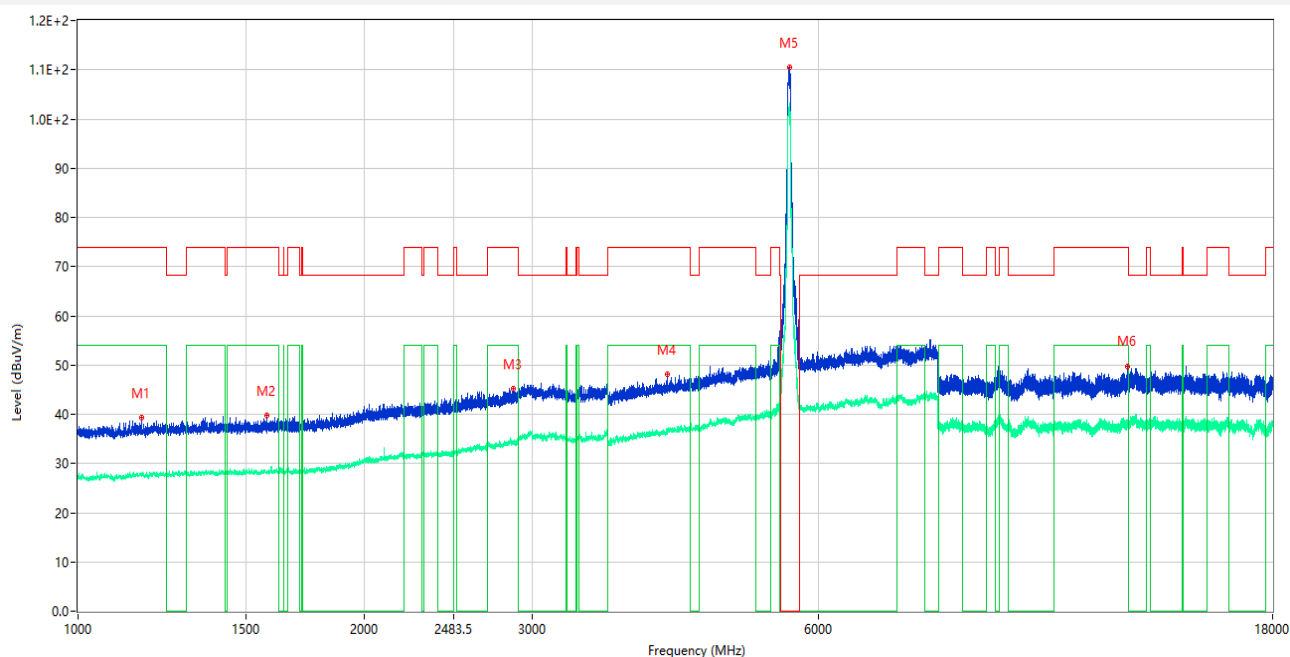
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1569.500	39.32	-15.23	74.0	34.68	Peak	358.00	150	Vertical	Pass
1**	1569.500	28.84	-15.23	54.0	25.16	AV	358.00	150	Vertical	Pass
2	2842.250	45.26	-7.56	74.0	28.74	Peak	0.00	150	Vertical	Pass
2**	2842.250	34.31	-7.56	54.0	19.69	AV	0.00	150	Vertical	Pass
3	4388.500	47.84	-2.96	74.0	26.16	Peak	268.00	150	Vertical	Pass
3**	4388.500	37.17	-2.96	54.0	16.83	AV	268.00	150	Vertical	Pass
4	5583.500	112.28	-0.66	--	7.72	Peak	120.00	150	Vertical	N/A
4**	5583.500	102.85	-0.66	--	-102.85	AV	120.00	150	Vertical	N/A
5	7687.500	54.19	3.39	74.0	19.81	Peak	360.00	150	Vertical	Pass
5**	7687.500	43.73	3.39	54.0	10.27	AV	360.00	150	Vertical	Pass
6	11907.350	49.04	-0.91	74.0	24.96	Peak	242.00	150	Vertical	Pass
6**	11907.350	38.50	-0.91	54.0	15.50	AV	242.00	150	Vertical	Pass

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



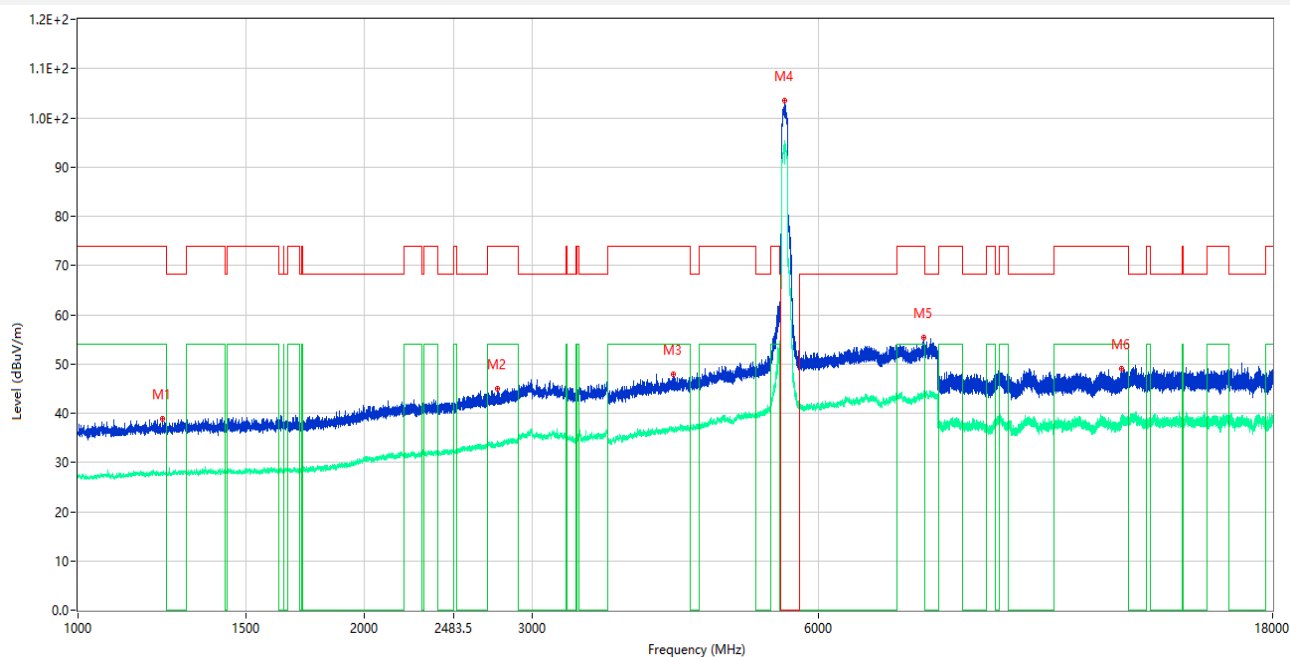
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1220.500	39.05	-15.67	74.0	34.95	Peak	145.00	150	Horizontal	Pass
1**	1220.500	27.60	-15.67	54.0	26.40	AV	145.00	150	Horizontal	Pass
2	1598.250	39.23	-15.29	74.0	34.77	Peak	272.00	150	Horizontal	Pass
2**	1598.250	28.83	-15.29	54.0	25.17	AV	272.00	150	Horizontal	Pass
3	2825.000	45.21	-8.37	74.0	28.79	Peak	0.00	150	Horizontal	Pass
3**	2825.000	33.93	-8.37	54.0	20.07	AV	0.00	150	Horizontal	Pass
4	4294.000	47.86	-3.10	74.0	26.14	Peak	360.00	150	Horizontal	Pass
4**	4294.000	37.03	-3.10	54.0	16.97	AV	360.00	150	Horizontal	Pass
5	5593.000	106.23	-0.61	--	-40.23	Peak	66.00	150	Horizontal	N/A
5**	5593.000	98.72	-0.61	--	-98.72	AV	66.00	150	Horizontal	N/A
6	9312.900	49.97	-2.11	74.0	24.03	Peak	0.00	150	Horizontal	Pass
6**	9312.900	38.43	-2.11	54.0	15.57	AV	0.00	150	Horizontal	Pass

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



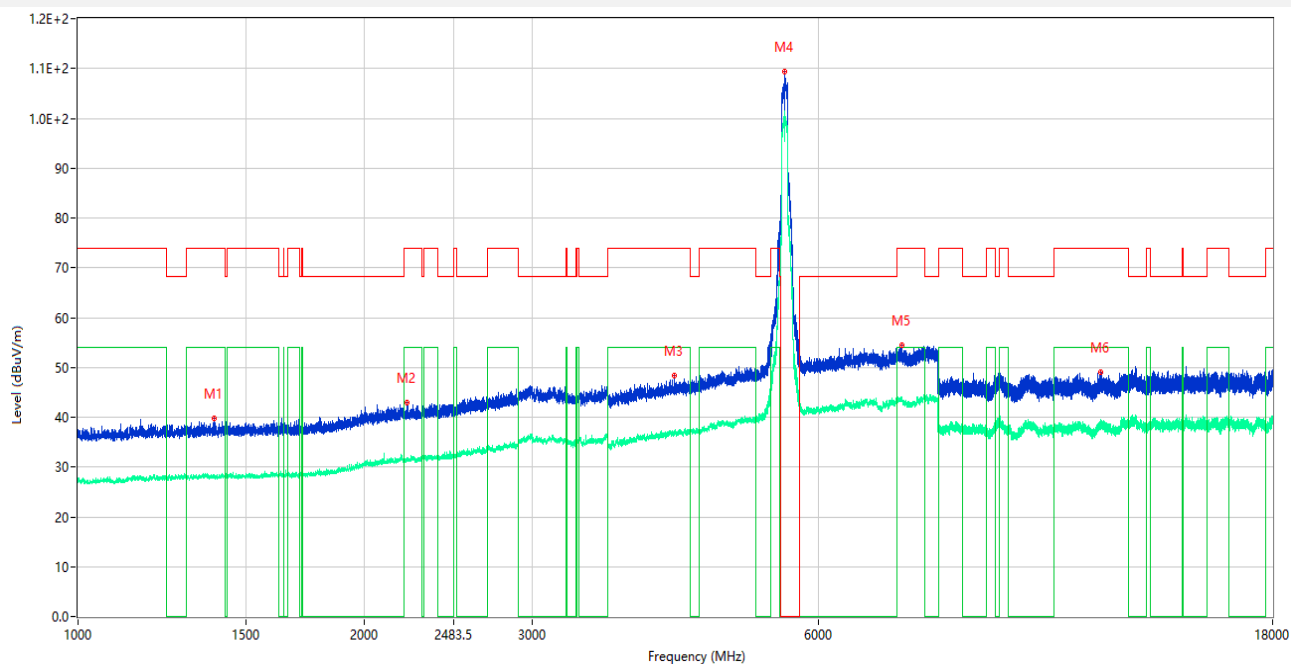
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1166.750	39.25	-15.48	74.0	34.75	Peak	218.00	150	Vertical	Pass
1**	1166.750	27.39	-15.48	54.0	26.61	AV	218.00	150	Vertical	Pass
2	1578.000	39.84	-15.53	74.0	34.16	Peak	334.00	150	Vertical	Pass
2**	1578.000	28.53	-15.53	54.0	25.47	AV	334.00	150	Vertical	Pass
3	2864.500	45.30	-7.53	74.0	28.70	Peak	5.00	150	Vertical	Pass
3**	2864.500	34.02	-7.53	54.0	19.98	AV	5.00	150	Vertical	Pass
4	4163.500	48.09	-3.64	74.0	25.91	Peak	210.00	150	Vertical	Pass
4**	4163.500	36.35	-3.64	54.0	17.65	AV	210.00	150	Vertical	Pass
5	5589.000	110.47	-0.58	--	8.53	Peak	119.00	150	Vertical	N/A
5**	5589.000	102.97	-0.58	--	-102.97	AV	119.00	150	Vertical	N/A
6	12665.213	49.81	-0.27	74.0	24.19	Peak	291.00	150	Vertical	Pass
6**	12665.213	37.94	-0.27	54.0	16.06	AV	291.00	150	Vertical	Pass

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



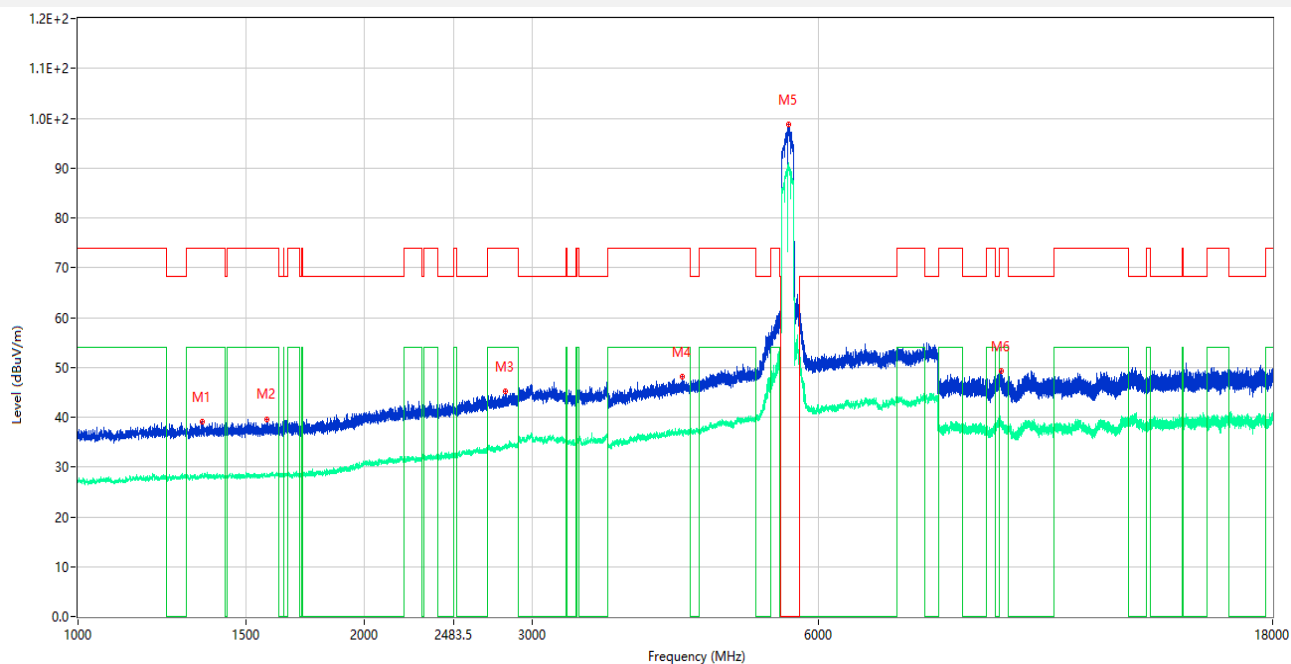
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1227.500	38.85	-15.62	74.0	35.15	Peak	358.00	150	Horizontal	Pass
1**	1227.500	27.68	-15.62	54.0	26.32	AV	358.00	150	Horizontal	Pass
2	2760.250	44.96	-8.60	74.0	29.04	Peak	4.00	150	Horizontal	Pass
2**	2760.250	33.59	-8.60	54.0	20.41	AV	4.00	150	Horizontal	Pass
3	4221.500	47.96	-3.01	74.0	26.04	Peak	82.00	150	Horizontal	Pass
3**	4221.500	36.62	-3.01	54.0	17.38	AV	82.00	150	Horizontal	Pass
4	5523.500	103.45	-0.70	--	-102.45	Peak	1.00	150	Horizontal	N/A
4**	5523.500	95.18	-0.70	--	-95.18	AV	1.00	150	Horizontal	N/A
5	7734.000	55.37	3.22	74.0	18.63	Peak	360.00	150	Horizontal	Pass
5**	7734.000	44.20	3.22	54.0	9.80	AV	360.00	150	Horizontal	Pass
6	12497.776	49.03	0.17	74.0	24.97	Peak	174.00	150	Horizontal	Pass
6**	12497.776	39.25	0.17	54.0	14.75	AV	174.00	150	Horizontal	Pass

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



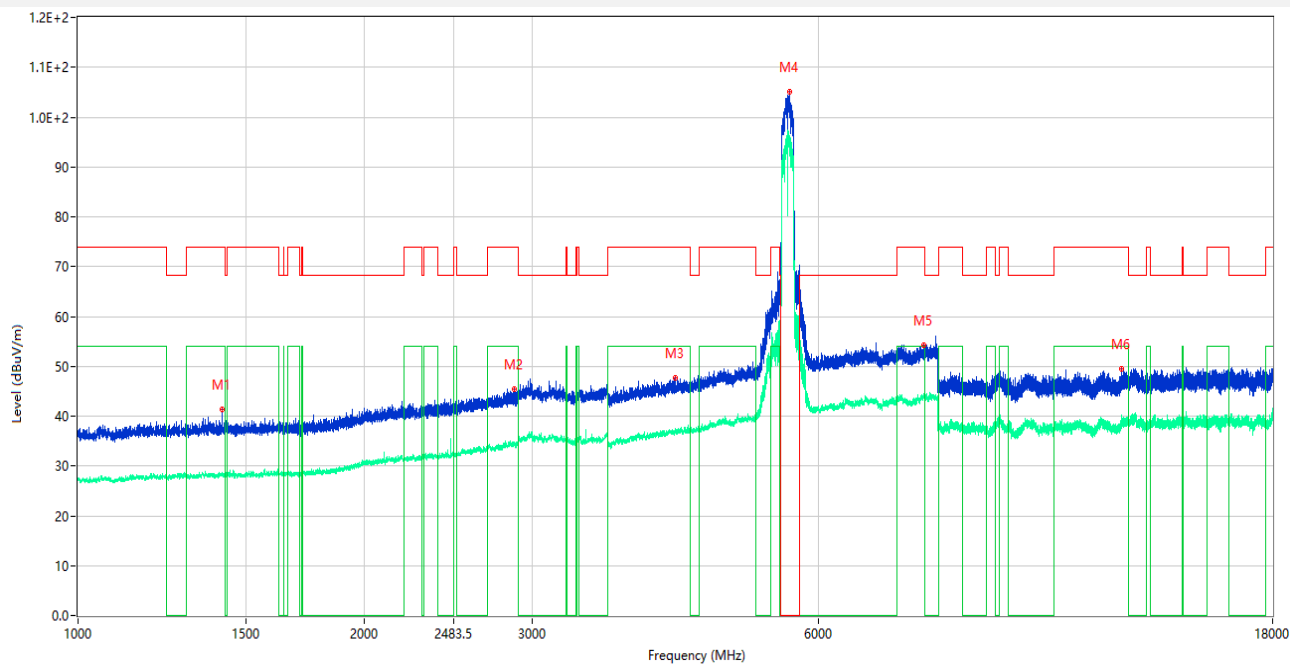
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1391.750	39.79	-15.47	74.0	34.21	Peak	0.00	150	Vertical	Pass
1**	1391.750	28.25	-15.47	54.0	25.75	AV	0.00	150	Vertical	Pass
2	2217.750	42.88	-12.02	74.0	31.12	Peak	193.00	150	Vertical	Pass
2**	2217.750	31.42	-12.02	54.0	22.58	AV	193.00	150	Vertical	Pass
3	4228.000	48.33	-2.99	74.0	25.67	Peak	309.00	150	Vertical	Pass
3**	4228.000	36.59	-2.99	54.0	17.41	AV	309.00	150	Vertical	Pass
4	5523.500	109.37	-0.70	--	11.63	Peak	121.00	150	Vertical	N/A
4**	5523.500	99.97	-0.70	--	-99.97	AV	121.00	150	Vertical	N/A
5	7334.500	54.46	2.89	74.0	19.54	Peak	21.00	150	Vertical	Pass
5**	7334.500	43.53	2.89	54.0	10.47	AV	21.00	150	Vertical	Pass
6	11874.338	49.03	-0.78	74.0	24.97	Peak	339.00	150	Vertical	Pass
6**	11874.338	39.16	-0.78	54.0	14.84	AV	339.00	150	Vertical	Pass

11ac160, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H



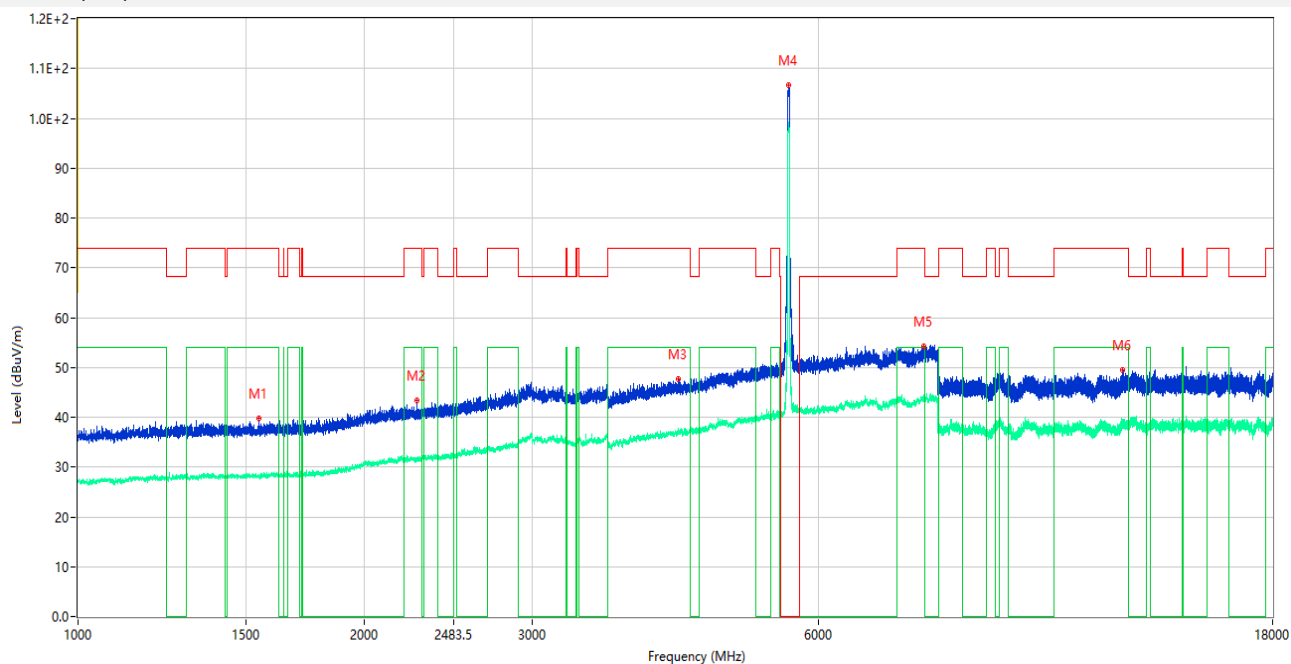
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1351.250	39.16	-15.31	74.0	34.84	Peak	13.00	150	Horizontal	Pass
1**	1351.250	28.09	-15.31	54.0	25.91	AV	13.00	150	Horizontal	Pass
2	1578.500	39.66	-15.53	74.0	34.34	Peak	227.00	150	Horizontal	Pass
2**	1578.500	28.35	-15.53	54.0	25.65	AV	227.00	150	Horizontal	Pass
3	2815.000	45.30	-8.09	74.0	28.70	Peak	88.00	150	Horizontal	Pass
3**	2815.000	34.16	-8.09	54.0	19.84	AV	88.00	150	Horizontal	Pass
4	4313.000	48.10	-2.82	74.0	25.90	Peak	66.00	150	Horizontal	Pass
4**	4313.000	36.89	-2.82	54.0	17.11	AV	66.00	150	Horizontal	Pass
5	5575.500	98.78	-0.79	--	-32.78	Peak	66.00	150	Horizontal	N/A
5**	5575.500	90.48	-0.79	--	-90.48	AV	66.00	150	Horizontal	N/A
6	9337.125	49.33	-2.01	74.0	24.67	Peak	0.00	150	Horizontal	Pass
6**	9337.125	38.75	-2.01	54.0	15.25	AV	0.00	150	Horizontal	Pass

11ac160, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V



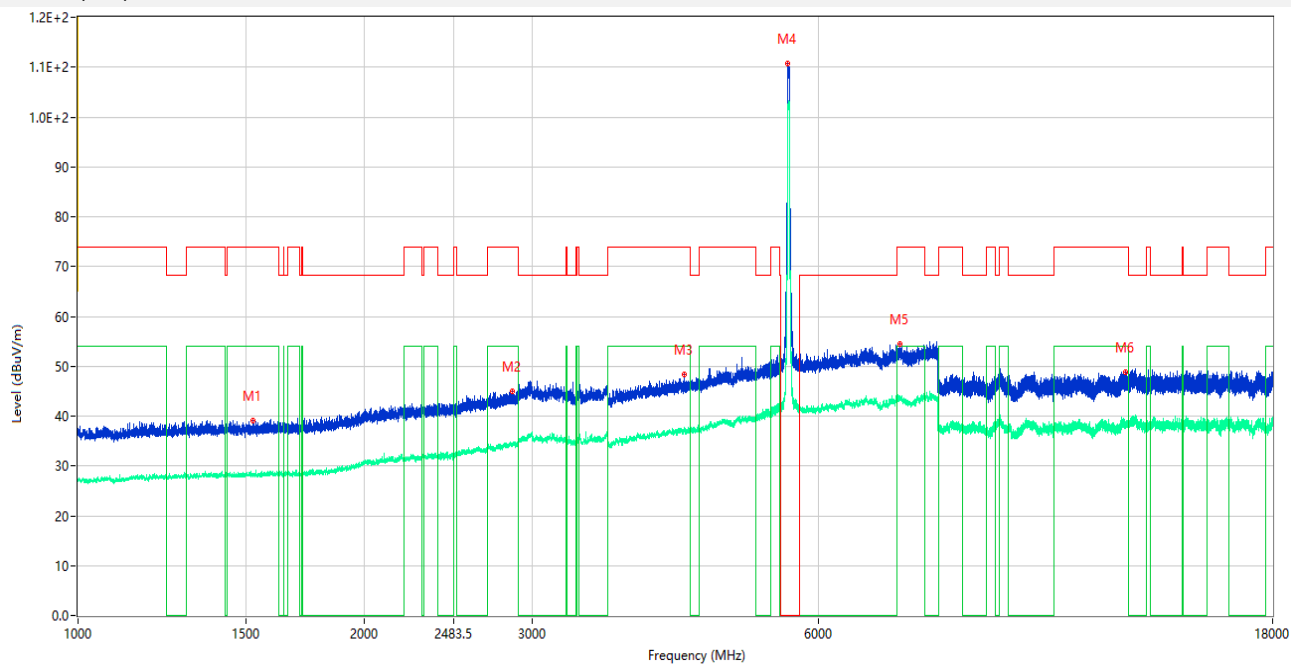
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1417.750	41.30	-15.34	74.0	32.70	Peak	0.00	150	Vertical	Pass
1**	1417.750	28.28	-15.34	54.0	25.72	AV	0.00	150	Vertical	Pass
2	2875.750	45.50	-7.70	74.0	28.50	Peak	196.00	150	Vertical	Pass
2**	2875.750	34.71	-7.70	54.0	19.29	AV	196.00	150	Vertical	Pass
3	4245.500	47.78	-2.50	74.0	26.22	Peak	360.00	150	Vertical	Pass
3**	4245.500	37.08	-2.50	54.0	16.92	AV	360.00	150	Vertical	Pass
4	5588.000	105.13	-0.60	--	6.87	Peak	112.00	150	Vertical	N/A
4**	5588.000	95.89	-0.60	--	-95.89	AV	112.00	150	Vertical	N/A
5	7732.500	54.19	3.20	74.0	19.81	Peak	360.00	150	Vertical	Pass
5**	7732.500	43.71	3.20	54.0	10.29	AV	360.00	150	Vertical	Pass
6	12503.000	49.38	-0.07	74.0	24.62	Peak	125.00	150	Vertical	Pass
6**	12503.000	38.75	-0.07	54.0	15.25	AV	125.00	150	Vertical	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H



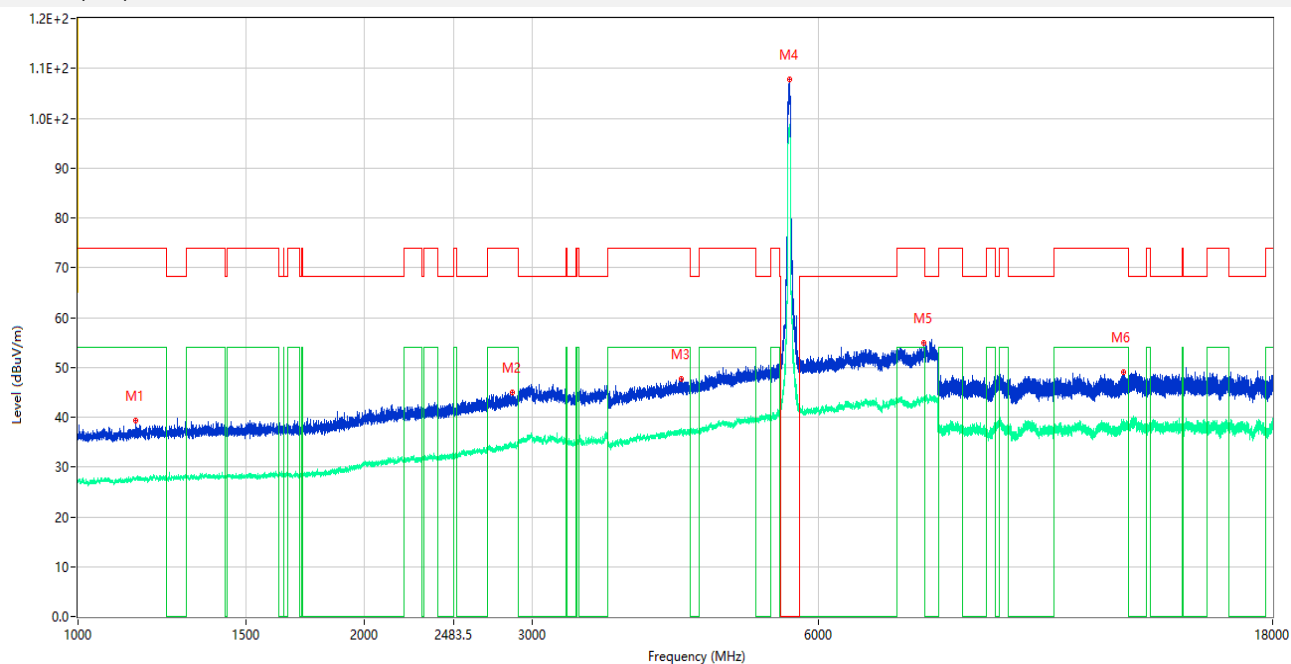
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.250	39.68	-15.46	74.0	34.32	Peak	357.00	150	Horizontal	Pass
1**	1549.250	28.19	-15.46	54.0	25.81	AV	357.00	150	Horizontal	Pass
2	2270.750	43.36	-12.10	74.0	30.64	Peak	22.00	150	Horizontal	Pass
2**	2270.750	31.21	-12.10	54.0	22.79	AV	22.00	150	Horizontal	Pass
3	4272.500	47.66	-2.37	74.0	26.34	Peak	92.00	150	Horizontal	Pass
3**	4272.500	36.86	-2.37	54.0	17.14	AV	92.00	150	Horizontal	Pass
4	5585.500	106.68	-0.63	--	-98.68	Peak	8.00	150	Horizontal	N/A
4**	5585.500	98.24	-0.63	--	-98.24	AV	8.00	150	Horizontal	N/A
5	7738.000	54.26	3.36	74.0	19.74	Peak	120.00	150	Horizontal	Pass
5**	7738.000	43.92	3.36	54.0	10.08	AV	120.00	150	Horizontal	Pass
6	12506.800	49.43	-0.12	74.0	24.57	Peak	100.00	150	Horizontal	Pass
6**	12506.800	38.87	-0.12	54.0	15.13	AV	100.00	150	Horizontal	Pass

11ax20 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V



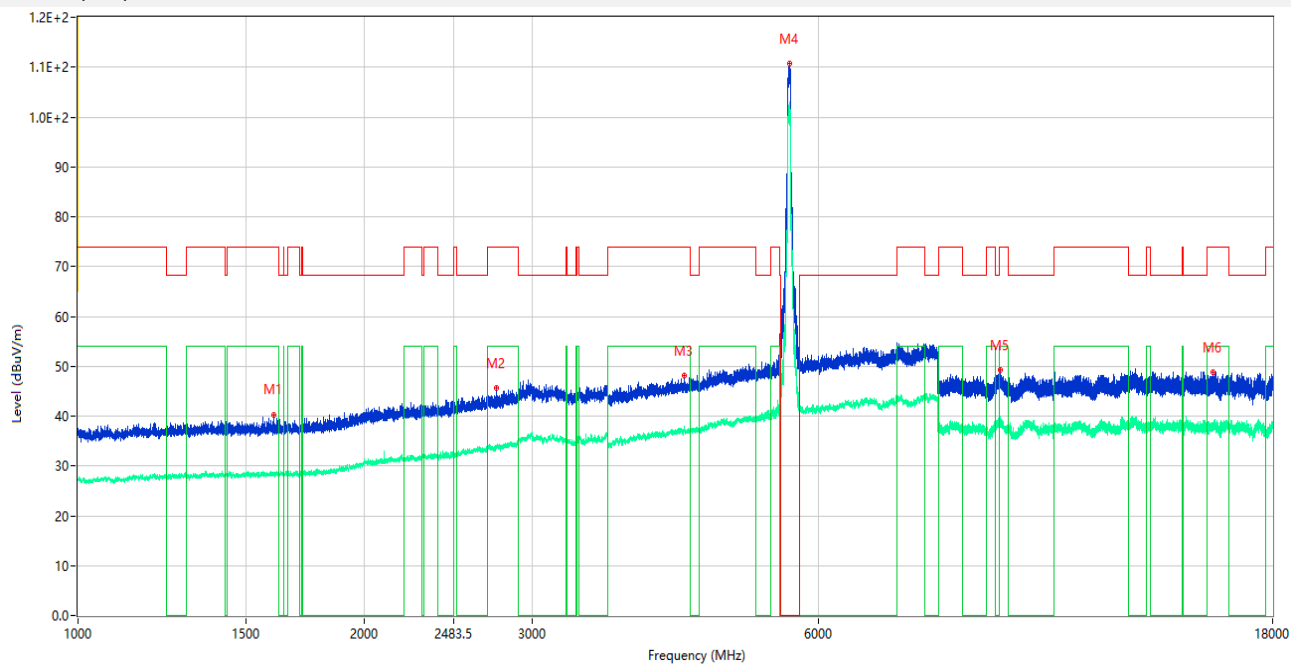
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.250	39.18	-15.45	74.0	34.82	Peak	70.00	150	Vertical	Pass
1**	1526.250	27.98	-15.45	54.0	26.02	AV	70.00	150	Vertical	Pass
2	2859.750	45.06	-7.60	74.0	28.94	Peak	328.00	150	Vertical	Pass
2**	2859.750	34.39	-7.60	54.0	19.61	AV	328.00	150	Vertical	Pass
3	4332.500	48.42	-2.52	74.0	25.58	Peak	360.00	150	Vertical	Pass
3**	4332.500	37.04	-2.52	54.0	16.96	AV	360.00	150	Vertical	Pass
4	5573.500	110.70	-0.79	--	12.30	Peak	123.00	150	Vertical	N/A
4**	5573.500	102.35	-0.79	--	-102.35	AV	123.00	150	Vertical	N/A
5	7311.000	54.56	2.65	74.0	19.44	Peak	211.00	150	Vertical	Pass
5**	7311.000	43.32	2.65	54.0	10.68	AV	211.00	150	Vertical	Pass
6	12601.326	48.75	-0.21	74.0	25.25	Peak	76.00	150	Vertical	Pass
6**	12601.326	38.45	-0.21	54.0	15.55	AV	76.00	150	Vertical	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H



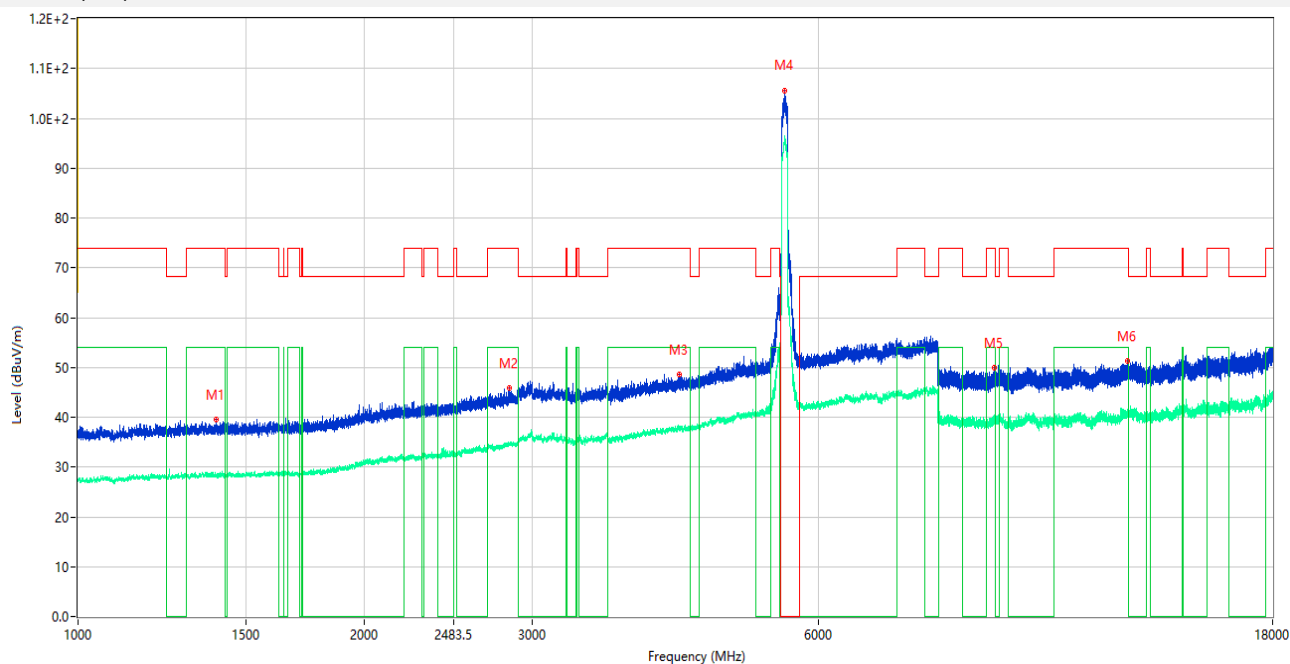
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1149.500	39.29	-15.36	74.0	34.71	Peak	139.00	150	Horizontal	Pass
1**	1149.500	27.49	-15.36	54.0	26.51	AV	139.00	150	Horizontal	Pass
2	2860.750	45.04	-7.55	74.0	28.96	Peak	0.00	150	Horizontal	Pass
2**	2860.750	34.24	-7.55	54.0	19.76	AV	0.00	150	Horizontal	Pass
3	4306.500	47.59	-2.73	74.0	26.41	Peak	241.00	150	Horizontal	Pass
3**	4306.500	37.37	-2.73	54.0	16.63	AV	241.00	150	Horizontal	Pass
4	5593.500	107.72	-0.61	--	-102.72	Peak	5.00	150	Horizontal	N/A
4**	5593.500	97.65	-0.61	--	-97.65	AV	5.00	150	Horizontal	N/A
5	7743.500	54.85	3.43	74.0	19.15	Peak	241.00	150	Horizontal	Pass
5**	7743.500	43.65	3.43	54.0	10.35	AV	241.00	150	Horizontal	Pass
6	12536.724	49.07	-0.30	74.0	24.93	Peak	0.00	150	Horizontal	Pass
6**	12536.724	38.68	-0.30	54.0	15.32	AV	0.00	150	Horizontal	Pass

11ax40 (SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V



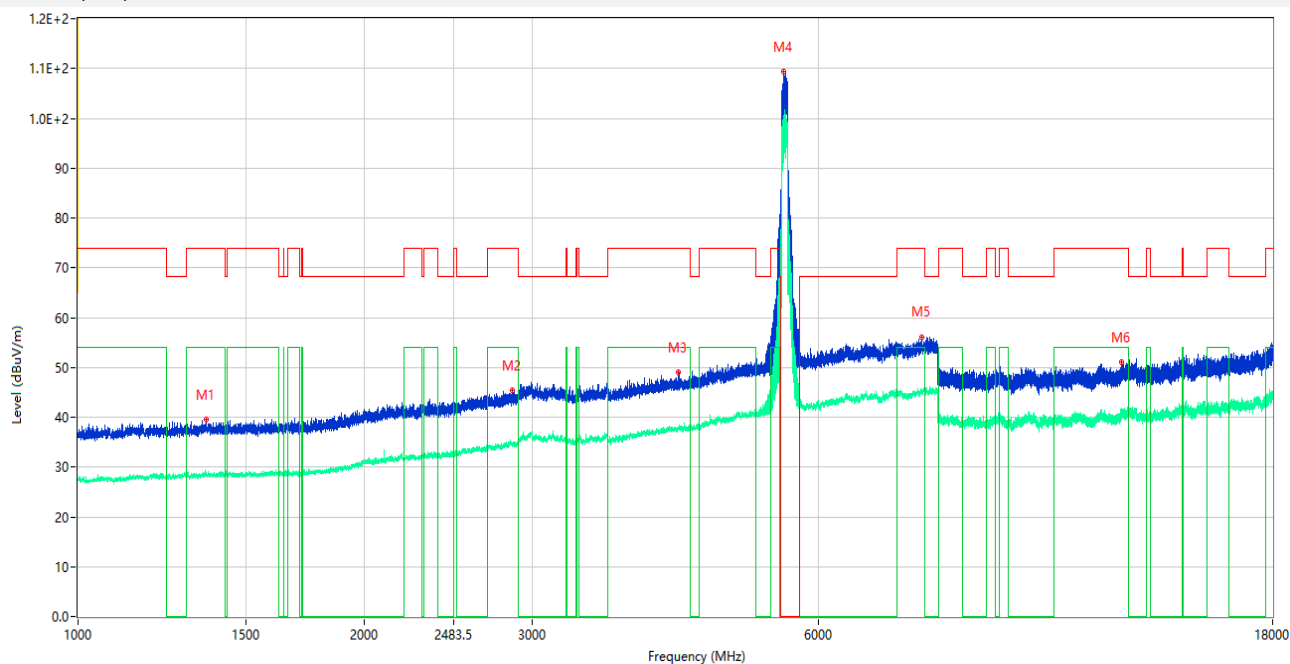
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.000	40.32	-15.22	74.0	33.68	Peak	9.00	150	Vertical	Pass
1**	1605.000	28.27	-15.22	54.0	25.73	AV	9.00	150	Vertical	Pass
2	2753.750	45.56	-9.05	74.0	28.44	Peak	318.00	150	Vertical	Pass
2**	2753.750	33.48	-9.05	54.0	20.52	AV	318.00	150	Vertical	Pass
3	4331.000	48.16	-2.60	74.0	25.84	Peak	2.00	150	Vertical	Pass
3**	4331.000	37.43	-2.60	54.0	16.57	AV	2.00	150	Vertical	Pass
4	5591.500	110.70	-0.60	--	9.30	Peak	120.00	150	Vertical	N/A
4**	5591.500	102.91	-0.60	--	-102.91	AV	120.00	150	Vertical	N/A
5	9310.525	49.34	-2.11	74.0	24.66	Peak	27.00	150	Vertical	Pass
5**	9310.525	39.02	-2.11	54.0	14.98	AV	27.00	150	Vertical	Pass
6	15579.487	48.86	0.26	74.0	25.14	Peak	7.00	150	Vertical	Pass
6**	15579.487	37.88	0.26	54.0	16.12	AV	7.00	150	Vertical	Pass

11ax80 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H



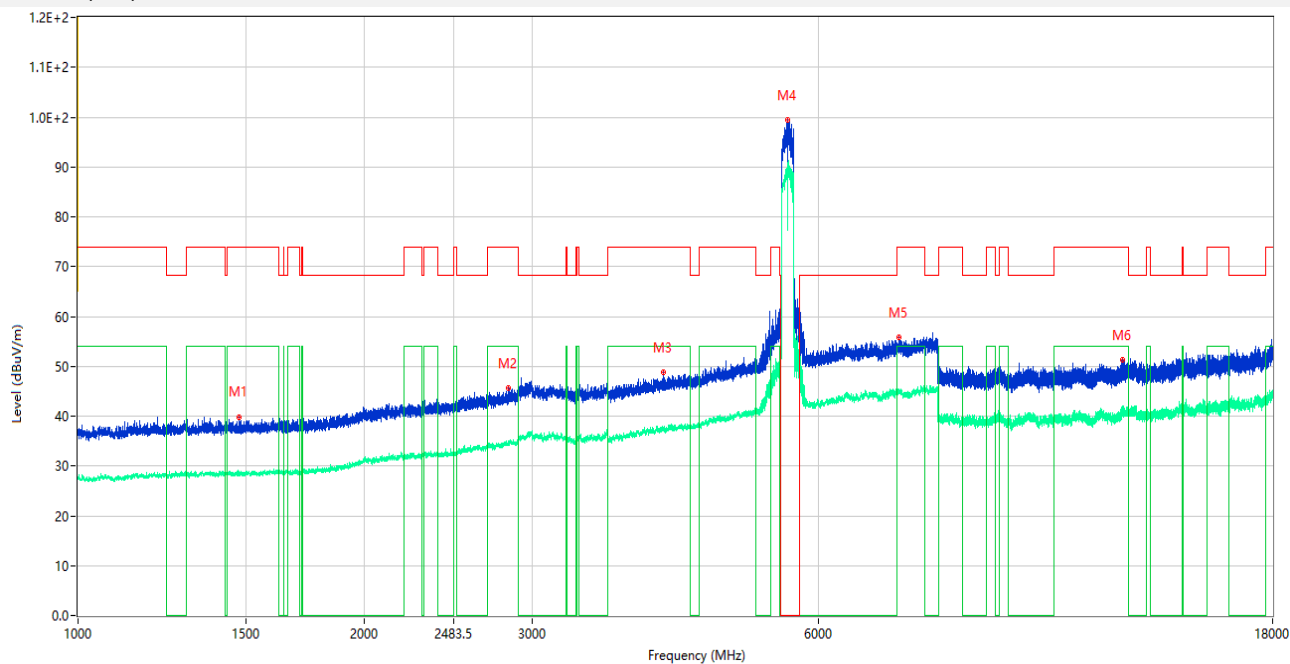
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1396.750	39.48	-15.45	74.0	34.52	Peak	87.00	150	Horizontal	Pass
1**	1396.750	28.49	-15.45	54.0	25.51	AV	87.00	150	Horizontal	Pass
2	2839.750	45.81	-7.60	74.0	28.19	Peak	351.00	150	Horizontal	Pass
2**	2839.750	34.73	-7.60	54.0	19.27	AV	351.00	150	Horizontal	Pass
3	4283.000	48.67	-2.76	74.0	25.33	Peak	356.00	150	Horizontal	Pass
3**	4283.000	37.81	-2.76	54.0	16.19	AV	356.00	150	Horizontal	Pass
4	5522.500	105.63	-0.72	--	-104.63	Peak	1.00	150	Horizontal	N/A
4**	5522.500	95.03	-0.72	--	-95.03	AV	1.00	150	Horizontal	N/A
5	9179.187	49.89	-1.99	74.0	24.11	Peak	0.00	150	Horizontal	Pass
5**	9179.187	39.30	-1.99	54.0	14.70	AV	0.00	150	Horizontal	Pass
6	12656.663	51.36	-0.25	74.0	22.64	Peak	29.00	150	Horizontal	Pass
6**	12656.663	40.67	-0.25	54.0	13.33	AV	29.00	150	Horizontal	Pass

11ax80 (SU), U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V



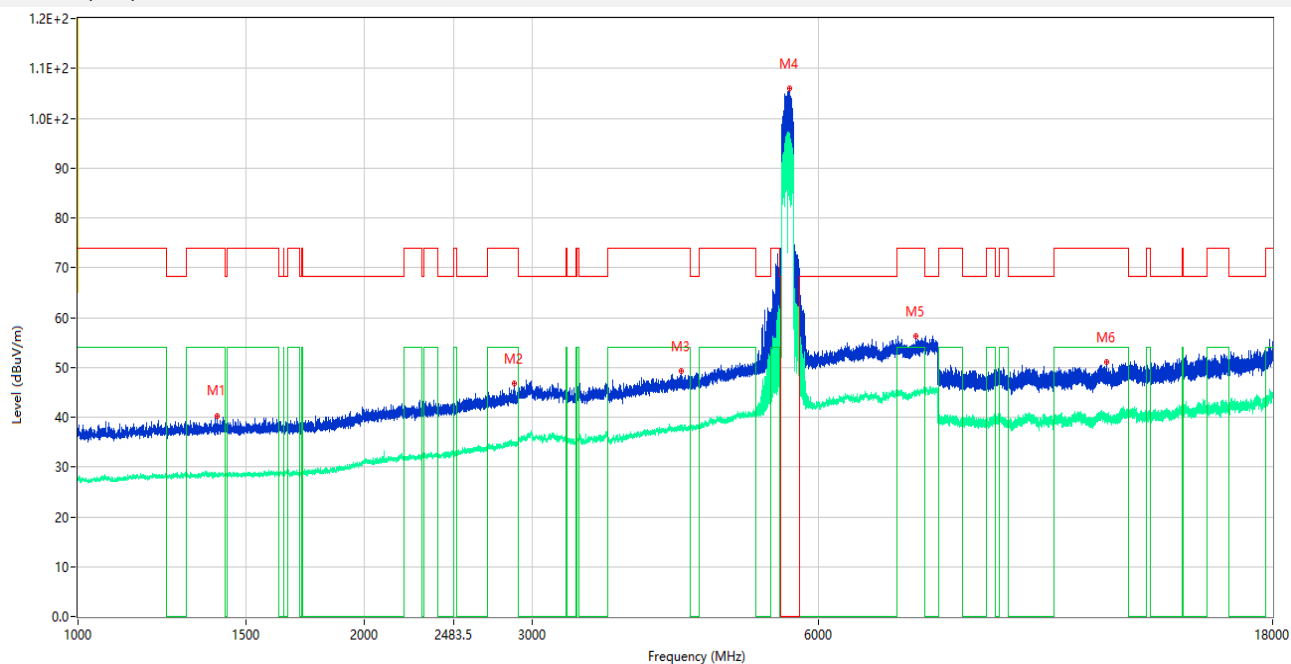
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1362.250	39.57	-15.37	74.0	34.43	Peak	359.00	150	Vertical	Pass
1**	1362.250	28.60	-15.37	54.0	25.40	AV	359.00	150	Vertical	Pass
2	2862.500	45.44	-7.55	74.0	28.56	Peak	113.00	150	Vertical	Pass
2**	2862.500	34.41	-7.55	54.0	19.59	AV	113.00	150	Vertical	Pass
3	4275.500	48.93	-2.34	74.0	25.07	Peak	14.00	150	Vertical	Pass
3**	4275.500	37.74	-2.34	54.0	16.26	AV	14.00	150	Vertical	Pass
4	5514.500	109.36	-0.85	--	9.64	Peak	119.00	150	Vertical	N/A
4**	5514.500	99.24	-0.85	--	-99.24	AV	119.00	150	Vertical	N/A
5	7699.500	56.00	3.71	74.0	18.00	Peak	290.00	150	Vertical	Pass
5**	7699.500	44.95	3.71	54.0	9.05	AV	290.00	150	Vertical	Pass
6	12500.150	51.05	-0.05	74.0	22.95	Peak	360.00	150	Vertical	Pass
6**	12500.150	41.30	-0.05	54.0	12.70	AV	360.00	150	Vertical	Pass

11ax160(SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H



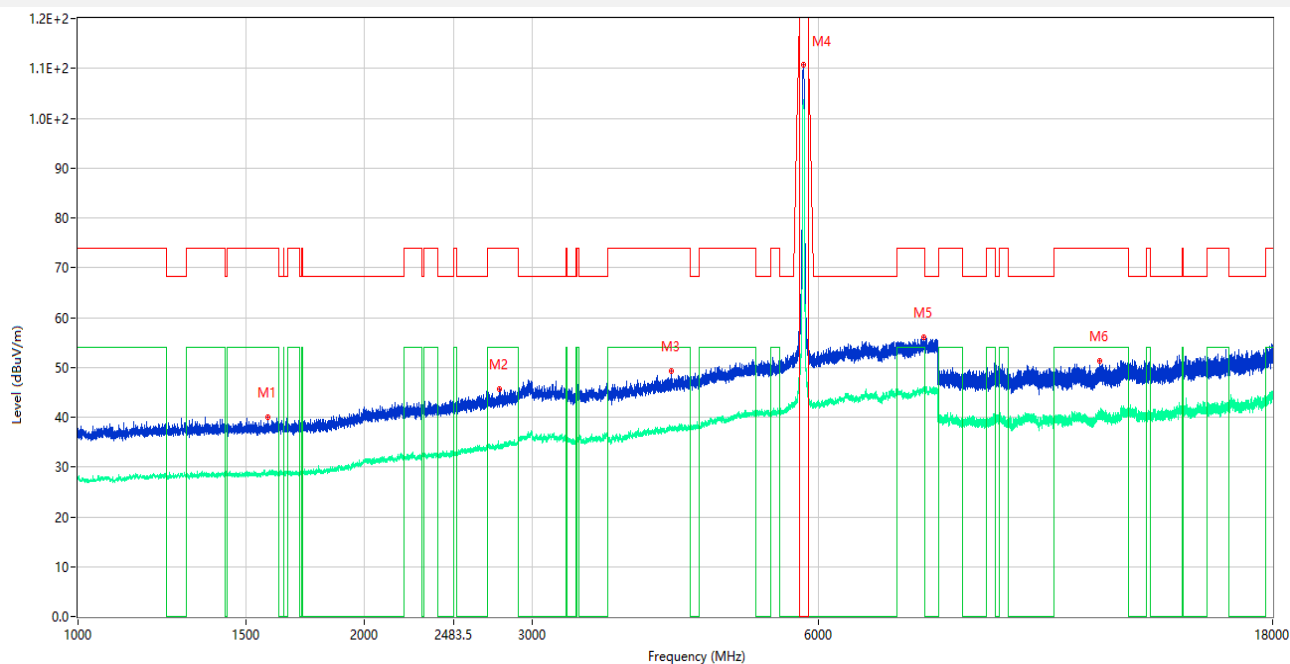
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.250	39.87	-15.63	74.0	34.13	Peak	96.00	150	Horizontal	Pass
1**	1475.250	28.27	-15.63	54.0	25.73	AV	96.00	150	Horizontal	Pass
2	2833.250	45.57	-7.92	74.0	28.43	Peak	354.00	150	Horizontal	Pass
2**	2833.250	34.49	-7.92	54.0	19.51	AV	354.00	150	Horizontal	Pass
3	4120.500	48.73	-3.27	74.0	25.27	Peak	360.00	150	Horizontal	Pass
3**	4120.500	37.69	-3.27	54.0	16.31	AV	360.00	150	Horizontal	Pass
4	5563.000	99.42	-0.76	--	-97.42	Peak	2.00	150	Horizontal	N/A
4**	5563.000	90.92	-0.76	--	-90.92	AV	2.00	150	Horizontal	N/A
5	7280.000	55.90	2.51	74.0	18.10	Peak	1.00	150	Horizontal	Pass
5**	7280.000	44.96	2.51	54.0	9.04	AV	1.00	150	Horizontal	Pass
6	12506.800	51.22	-0.12	74.0	22.78	Peak	28.00	150	Horizontal	Pass
6**	12506.800	41.11	-0.12	54.0	12.89	AV	28.00	150	Horizontal	Pass

11ax160(SU), U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V



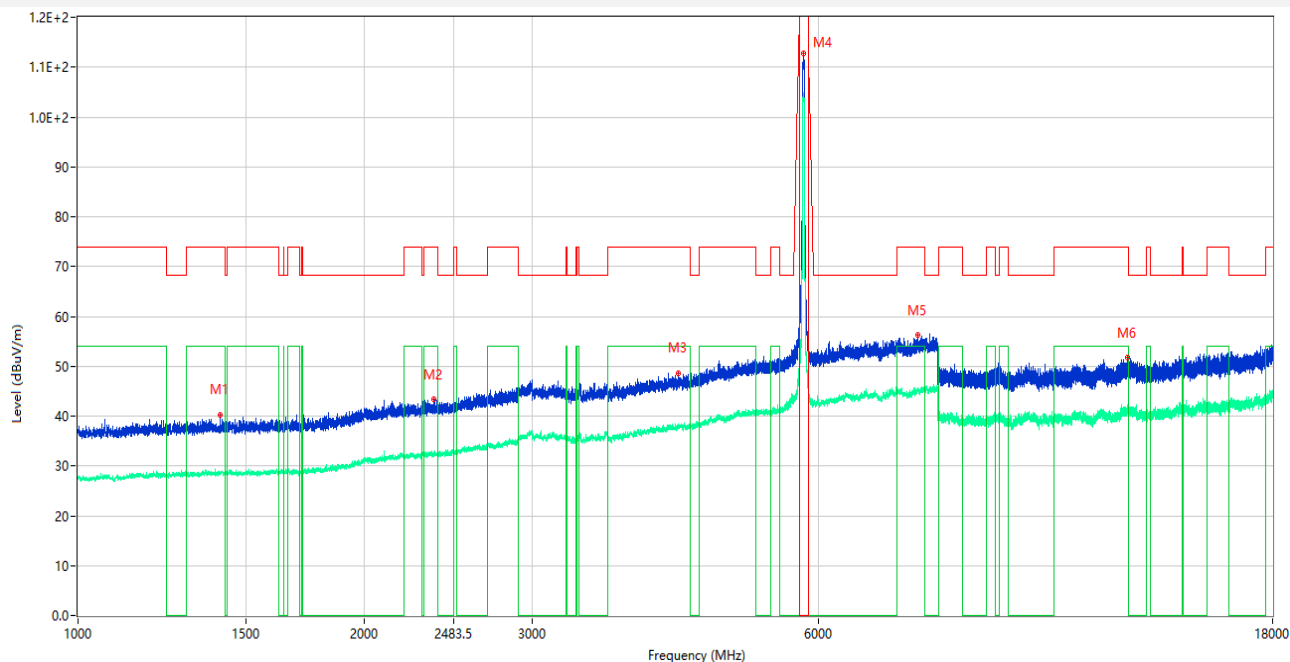
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1398.750	40.31	-15.42	74.0	33.69	Peak	255.00	150	Vertical	Pass
1**	1398.750	28.08	-15.42	54.0	25.92	AV	255.00	150	Vertical	Pass
2	2877.250	46.80	-7.69	74.0	27.20	Peak	340.00	150	Vertical	Pass
2**	2877.250	34.40	-7.69	54.0	19.60	AV	340.00	150	Vertical	Pass
3	4308.500	49.34	-2.71	74.0	24.66	Peak	210.00	150	Vertical	Pass
3**	4308.500	38.00	-2.71	54.0	16.00	AV	210.00	150	Vertical	Pass
4	5594.500	105.96	-0.59	--	14.04	Peak	120.00	150	Vertical	N/A
4**	5594.500	96.66	-0.59	--	-96.66	AV	120.00	150	Vertical	N/A
5	7601.000	56.19	2.83	74.0	17.81	Peak	356.00	150	Vertical	Pass
5**	7601.000	44.80	2.83	54.0	9.20	AV	356.00	150	Vertical	Pass
6	12058.162	51.01	-1.03	74.0	22.99	Peak	149.00	150	Vertical	Pass
6**	12058.162	39.59	-1.03	54.0	14.41	AV	149.00	150	Vertical	Pass

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



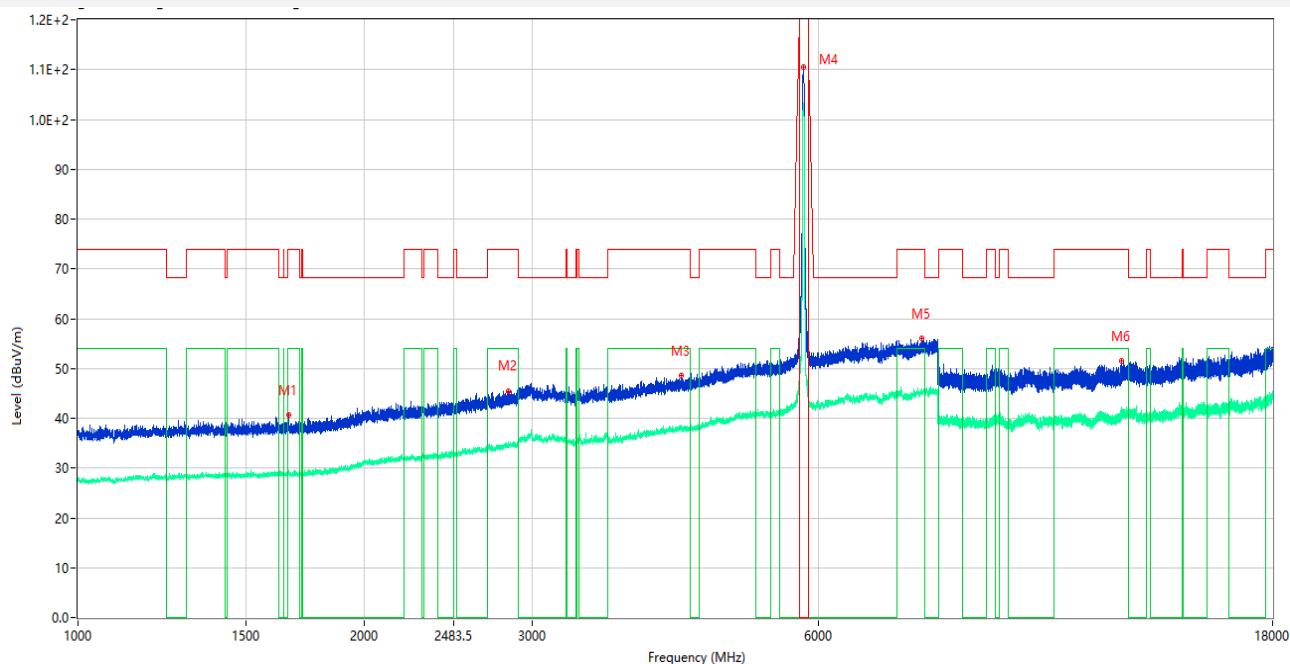
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.250	40.02	-15.58	74.0	33.98	Peak	168.00	150	Horizontal	Pass
1**	1584.250	28.58	-15.58	54.0	25.42	AV	168.00	150	Horizontal	Pass
2	2773.750	45.55	-7.95	74.0	28.45	Peak	149.00	150	Horizontal	Pass
2**	2773.750	33.77	-7.95	54.0	20.23	AV	149.00	150	Horizontal	Pass
3	4199.000	49.18	-2.53	74.0	24.82	Peak	0.00	150	Horizontal	Pass
3**	4199.000	37.48	-2.53	54.0	16.52	AV	0.00	150	Horizontal	Pass
4	5782.500	110.69	0.33	--	101.31	Peak	212.00	150	Horizontal	N/A
4**	5782.500	102.91	0.33	--	-102.91	AV	212.00	150	Horizontal	N/A
5	7740.500	56.09	3.35	74.0	17.91	Peak	359.00	150	Horizontal	Pass
5**	7740.500	45.41	3.35	54.0	8.59	AV	359.00	150	Horizontal	Pass
6	11857.000	51.37	-1.23	74.0	22.63	Peak	6.00	150	Horizontal	Pass
6**	11857.000	40.05	-1.23	54.0	13.95	AV	6.00	150	Horizontal	Pass

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



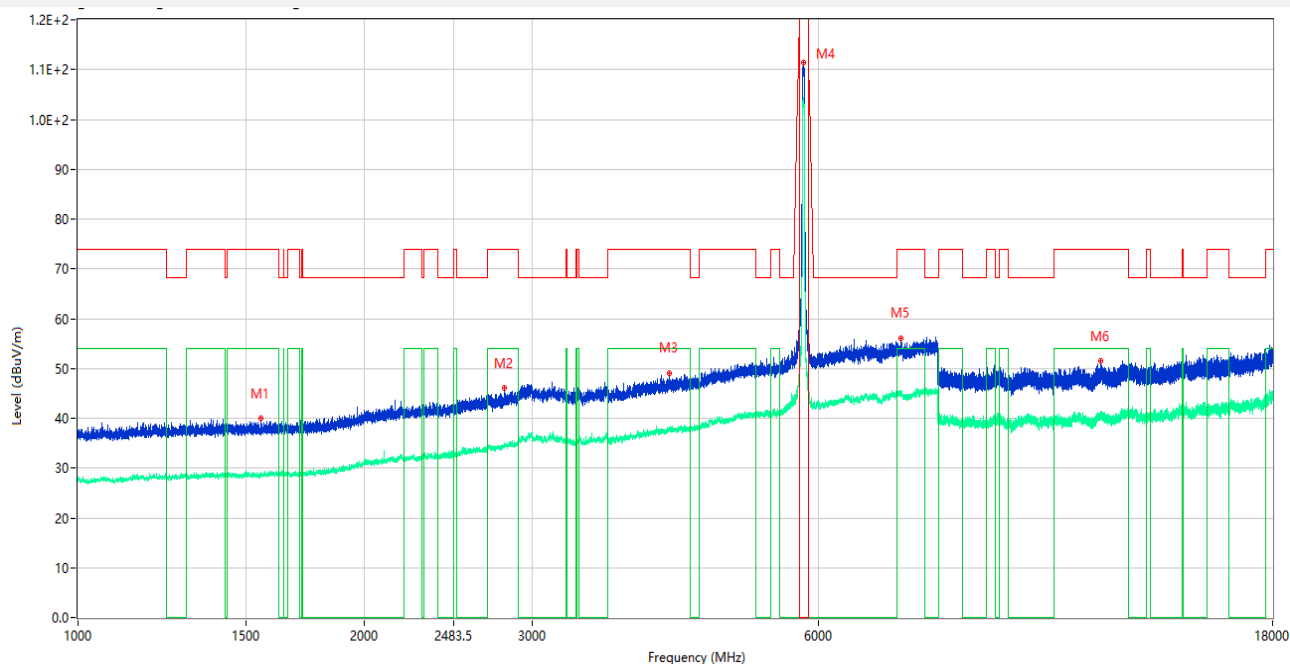
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1409.750	40.33	-15.38	74.0	33.67	Peak	62.00	150	Vertical	Pass
1**	1409.750	28.47	-15.38	54.0	25.53	AV	62.00	150	Vertical	Pass
2	2367.750	43.31	-11.33	74.0	30.69	Peak	360.00	150	Vertical	Pass
2**	2367.750	32.21	-11.33	54.0	21.79	AV	360.00	150	Vertical	Pass
3	4277.500	48.68	-2.44	74.0	25.32	Peak	358.00	150	Vertical	Pass
3**	4277.500	38.03	-2.44	54.0	15.97	AV	358.00	150	Vertical	Pass
4	5786.000	112.73	0.38	--	7.27	Peak	120.00	150	Vertical	N/A
4**	5786.000	104.60	0.38	--	-104.60	AV	120.00	150	Vertical	N/A
5	7623.000	56.23	2.78	74.0	17.77	Peak	228.00	150	Vertical	Pass
5**	7623.000	45.32	2.78	54.0	8.68	AV	228.00	150	Vertical	Pass
6	12656.663	51.68	-0.25	74.0	22.32	Peak	360.00	150	Vertical	Pass
6**	12656.663	41.14	-0.25	54.0	12.86	AV	360.00	150	Vertical	Pass

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



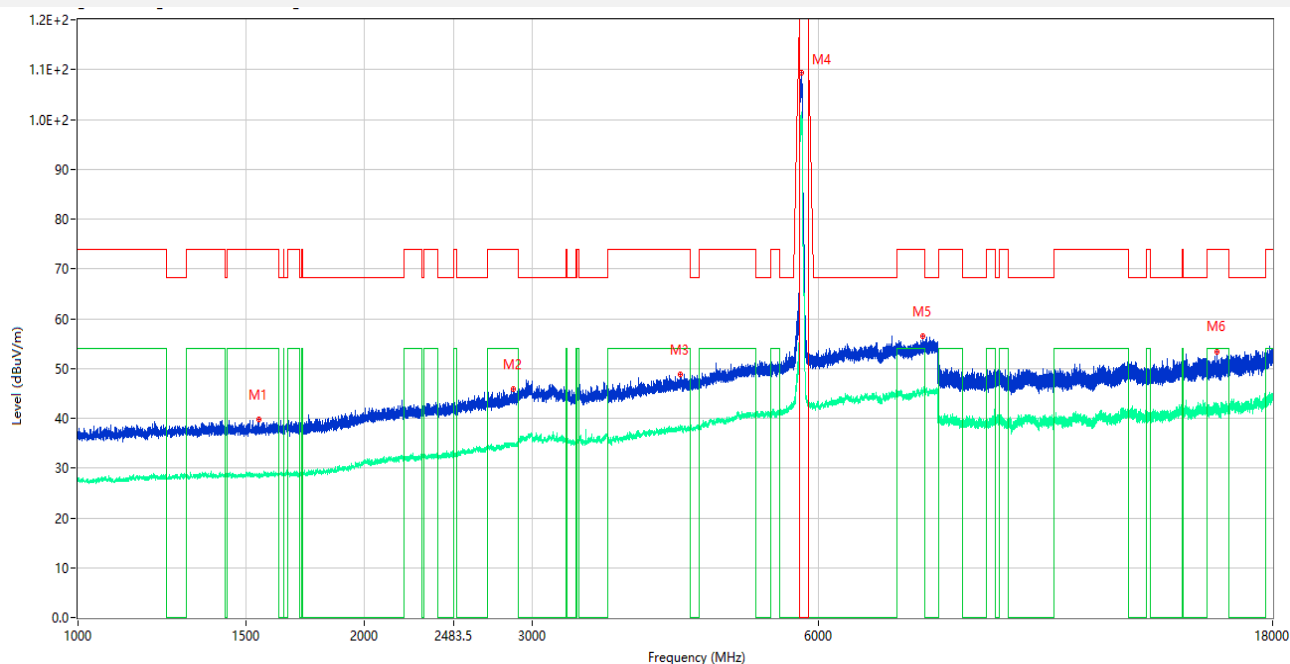
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1663.750	40.61	-15.09	74.0	33.39	Peak	360.00	150	Horizontal	Pass
1**	1663.750	29.16	-15.09	54.0	24.84	AV	360.00	150	Horizontal	Pass
2	2831.500	45.49	-8.08	74.0	28.51	Peak	329.00	150	Horizontal	Pass
2**	2831.500	34.41	-8.08	54.0	19.59	AV	329.00	150	Horizontal	Pass
3	4306.500	48.56	-2.73	74.0	25.44	Peak	291.00	150	Horizontal	Pass
3**	4306.500	37.97	-2.73	54.0	16.03	AV	291.00	150	Horizontal	Pass
4	5783.500	110.49	0.33	--	99.51	Peak	210.00	150	Horizontal	N/A
4**	5783.500	102.86	0.33	--	-102.86	AV	210.00	150	Horizontal	N/A
5	7695.000	56.07	3.58	74.0	17.93	Peak	0.00	150	Horizontal	Pass
5**	7695.000	45.59	3.58	54.0	8.41	AV	0.00	150	Horizontal	Pass
6	12503.713	51.46	-0.16	74.0	22.54	Peak	47.00	150	Horizontal	Pass
6**	12503.713	41.25	-0.16	54.0	12.75	AV	47.00	150	Horizontal	Pass

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



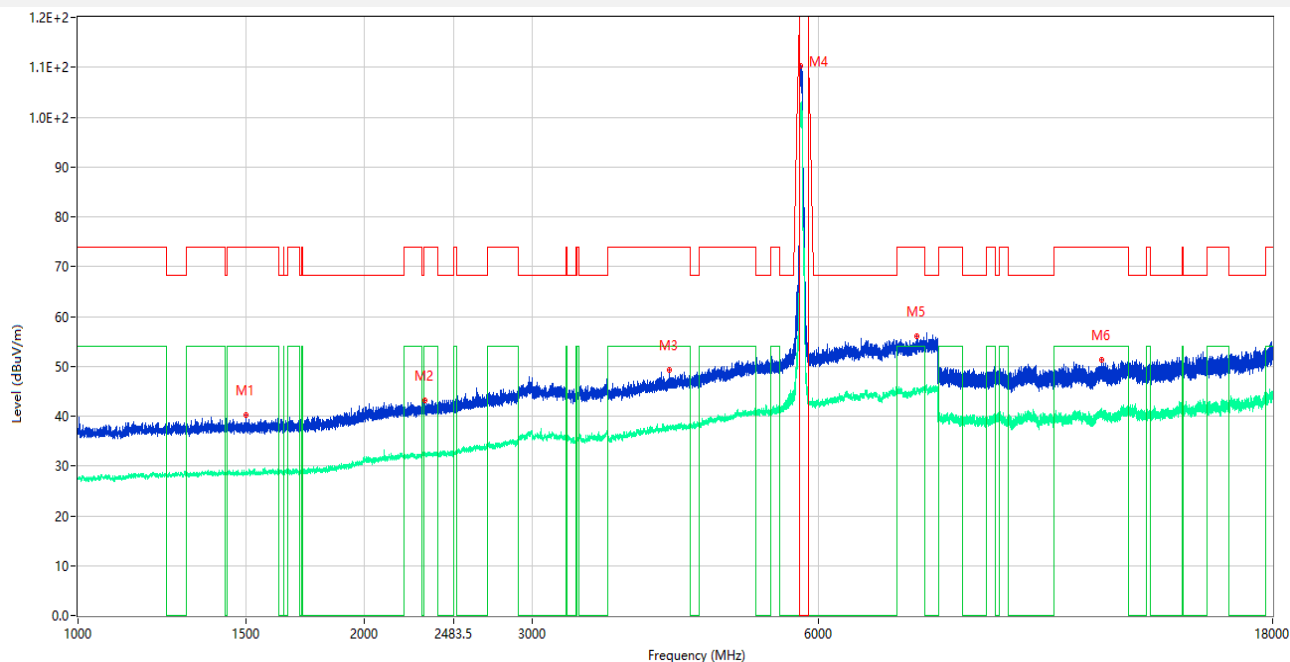
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1558.250	39.99	-15.26	74.0	34.01	Peak	300.00	150	Vertical	Pass
1**	1558.250	28.63	-15.26	54.0	25.37	AV	300.00	150	Vertical	Pass
2	2804.000	46.04	-8.38	74.0	27.96	Peak	220.00	150	Vertical	Pass
2**	2804.000	34.44	-8.38	54.0	19.56	AV	220.00	150	Vertical	Pass
3	4182.000	49.12	-3.03	74.0	24.88	Peak	261.00	150	Vertical	Pass
3**	4182.000	37.47	-3.03	54.0	16.53	AV	261.00	150	Vertical	Pass
4	5788.500	111.45	0.36	--	7.55	Peak	119.00	150	Vertical	N/A
4**	5788.500	103.48	0.36	--	-103.48	AV	119.00	150	Vertical	N/A
5	7323.000	56.11	2.62	74.0	17.89	Peak	0.00	150	Vertical	Pass
5**	7323.000	44.92	2.62	54.0	9.08	AV	0.00	150	Vertical	Pass
6	11884.313	51.43	-1.12	74.0	22.57	Peak	305.00	150	Vertical	Pass
6**	11884.313	40.57	-1.12	54.0	13.43	AV	305.00	150	Vertical	Pass

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



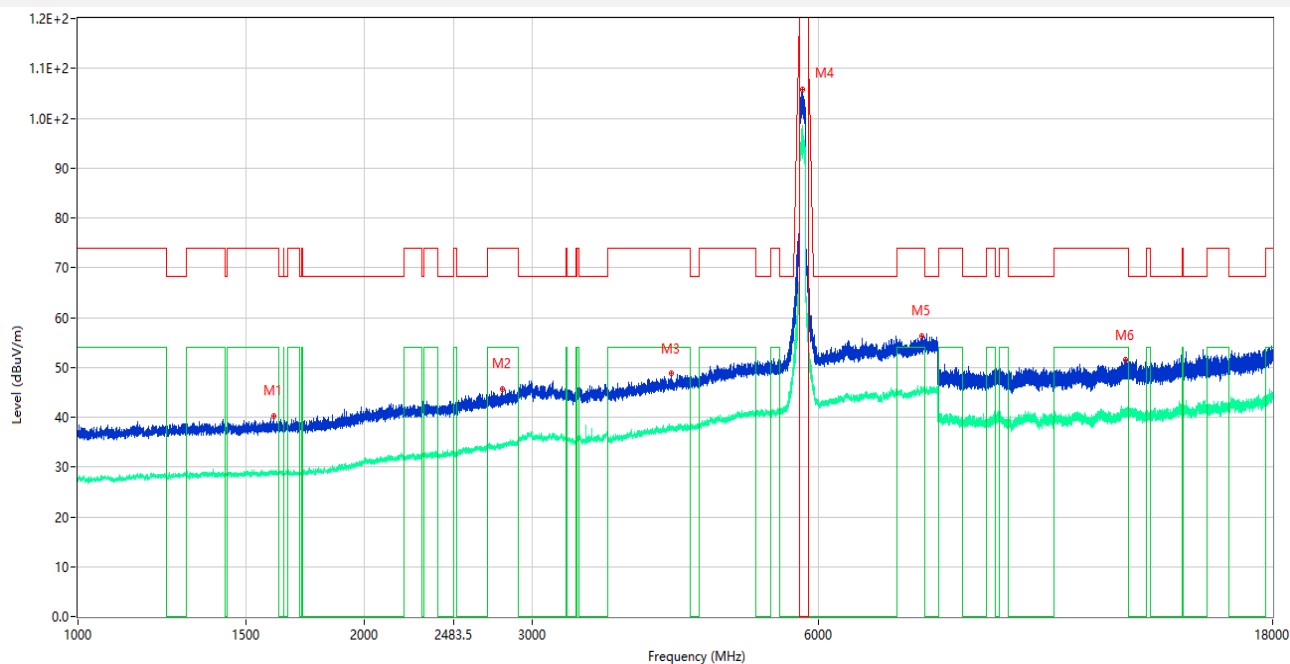
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1550.000	39.78	-15.46	74.0	34.22	Peak	227.00	150	Horizontal	Pass
1**	1550.000	28.73	-15.46	54.0	25.27	AV	227.00	150	Horizontal	Pass
2	2868.500	45.82	-7.62	74.0	28.18	Peak	360.00	150	Horizontal	Pass
2**	2868.500	35.07	-7.62	54.0	18.93	AV	360.00	150	Horizontal	Pass
3	4289.000	48.72	-3.10	74.0	25.28	Peak	359.00	150	Horizontal	Pass
3**	4289.000	37.58	-3.10	54.0	16.42	AV	359.00	150	Horizontal	Pass
4	5752.000	109.27	-0.02	--	100.73	Peak	210.00	150	Horizontal	N/A
4**	5752.000	101.11	-0.02	--	-101.11	AV	210.00	150	Horizontal	N/A
5	7712.500	56.41	3.41	74.0	17.59	Peak	232.00	150	Horizontal	Pass
5**	7712.500	45.24	3.41	54.0	8.76	AV	232.00	150	Horizontal	Pass
6	15718.612	53.43	1.31	74.0	20.57	Peak	353.00	150	Horizontal	Pass
6**	15718.612	42.12	1.31	54.0	11.88	AV	353.00	150	Horizontal	Pass

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



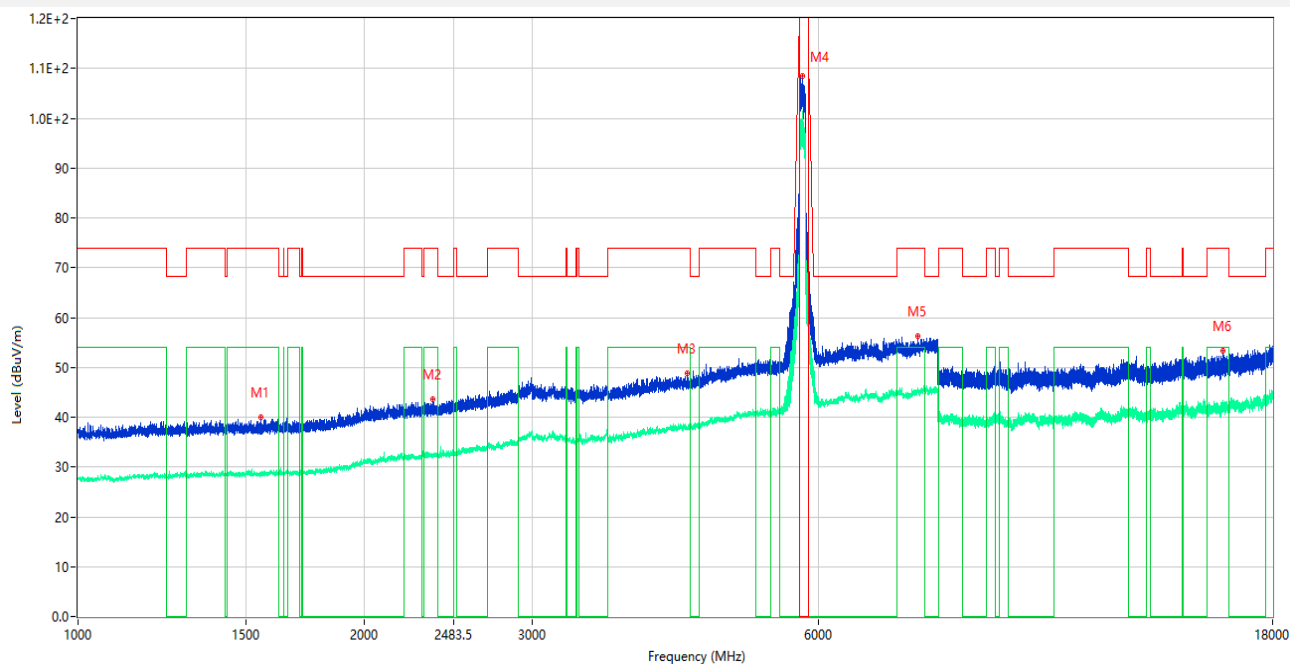
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.000	40.24	-15.31	74.0	33.76	Peak	255.00	150	Vertical	Pass
1**	1502.000	28.88	-15.31	54.0	25.12	AV	255.00	150	Vertical	Pass
2	2313.500	43.06	-11.41	74.0	30.94	Peak	360.00	150	Vertical	Pass
2**	2313.500	32.46	-11.41	54.0	21.54	AV	360.00	150	Vertical	Pass
3	4181.000	49.34	-3.07	74.0	24.66	Peak	199.00	150	Vertical	Pass
3**	4181.000	37.58	-3.07	54.0	16.42	AV	199.00	150	Vertical	Pass
4	5748.500	110.28	-0.03	--	9.72	Peak	120.00	150	Vertical	N/A
4**	5748.500	102.27	-0.03	--	-102.27	AV	120.00	150	Vertical	N/A
5	7610.000	55.94	2.75	74.0	18.06	Peak	356.00	150	Vertical	Pass
5**	7610.000	44.72	2.75	54.0	9.28	AV	356.00	150	Vertical	Pass
6	11897.612	51.38	-0.89	74.0	22.62	Peak	307.00	150	Vertical	Pass
6**	11897.612	40.69	-0.89	54.0	13.31	AV	307.00	150	Vertical	Pass

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



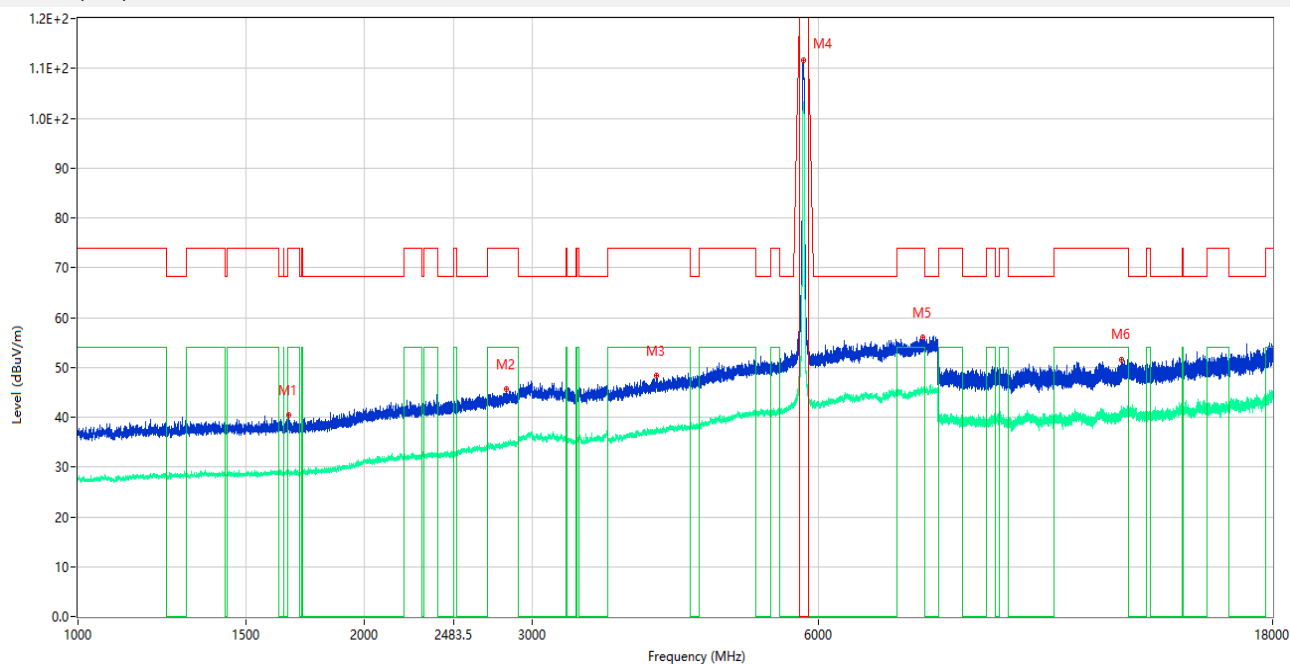
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1605.750	40.32	-15.22	74.0	33.68	Peak	138.00	150	Horizontal	Pass
1**	1605.750	29.06	-15.22	54.0	24.94	AV	138.00	150	Horizontal	Pass
2	2789.250	45.76	-8.04	74.0	28.24	Peak	44.00	150	Horizontal	Pass
2**	2789.250	34.11	-8.04	54.0	19.89	AV	44.00	150	Horizontal	Pass
3	4201.000	48.70	-2.42	74.0	25.30	Peak	4.00	150	Horizontal	Pass
3**	4201.000	37.78	-2.42	54.0	16.22	AV	4.00	150	Horizontal	Pass
4	5771.500	105.76	0.46	--	111.24	Peak	217.00	150	Horizontal	N/A
4**	5771.500	96.87	0.46	--	-96.87	AV	217.00	150	Horizontal	N/A
5	7695.500	56.20	3.59	74.0	17.80	Peak	31.00	150	Horizontal	Pass
5**	7695.500	45.11	3.59	54.0	8.89	AV	31.00	150	Horizontal	Pass
6	12600.138	51.54	-0.23	74.0	22.46	Peak	190.00	150	Horizontal	Pass
6**	12600.138	41.39	-0.23	54.0	12.61	AV	190.00	150	Horizontal	Pass

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



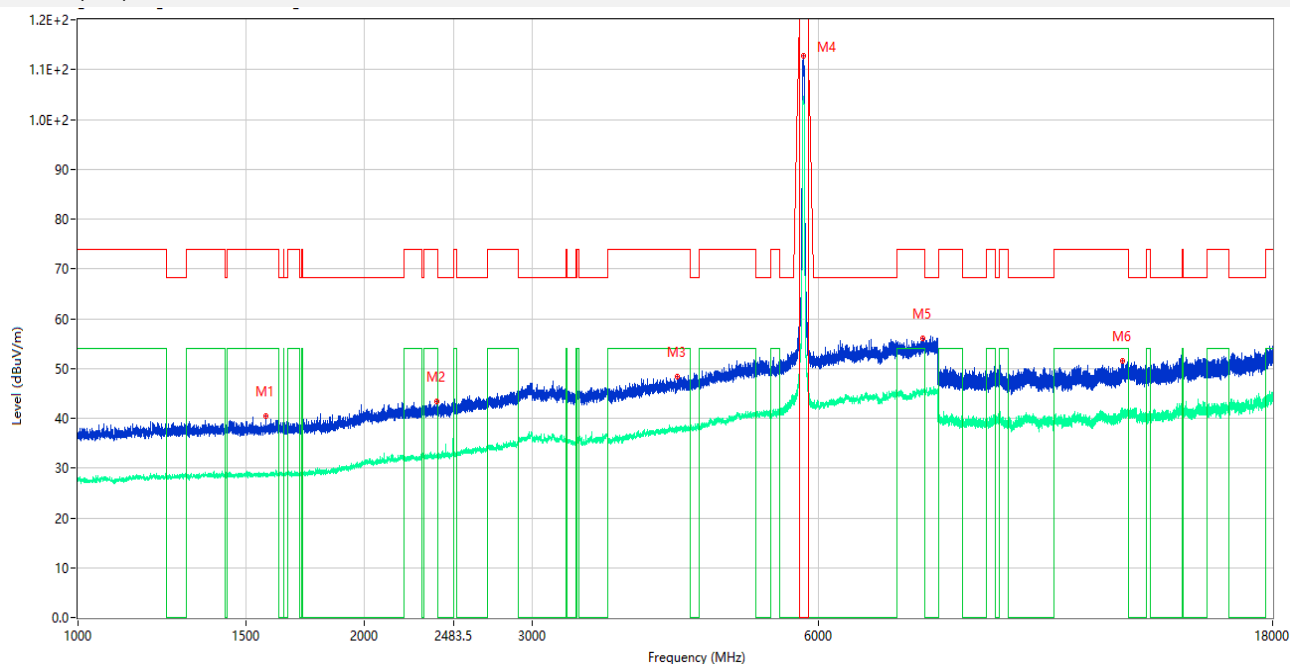
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1557.250	40.03	-15.28	74.0	33.97	Peak	118.00	150	Vertical	Pass
1**	1557.250	28.56	-15.28	54.0	25.44	AV	118.00	150	Vertical	Pass
2	2360.750	43.68	-10.81	74.0	30.32	Peak	246.00	150	Vertical	Pass
2**	2360.750	32.40	-10.81	54.0	21.60	AV	246.00	150	Vertical	Pass
3	4366.000	48.83	-2.57	74.0	25.17	Peak	90.00	150	Vertical	Pass
3**	4366.000	37.62	-2.57	54.0	16.38	AV	90.00	150	Vertical	Pass
4	5771.500	108.58	0.46	--	10.42	Peak	119.00	150	Vertical	N/A
4**	5771.500	97.56	0.46	--	-97.56	AV	119.00	150	Vertical	N/A
5	7629.500	56.21	3.03	74.0	17.79	Peak	210.00	150	Vertical	Pass
5**	7629.500	45.71	3.03	54.0	8.29	AV	210.00	150	Vertical	Pass
6	15945.675	53.35	1.34	74.0	20.65	Peak	327.00	150	Vertical	Pass
6**	15945.675	42.73	1.34	54.0	11.27	AV	327.00	150	Vertical	Pass

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



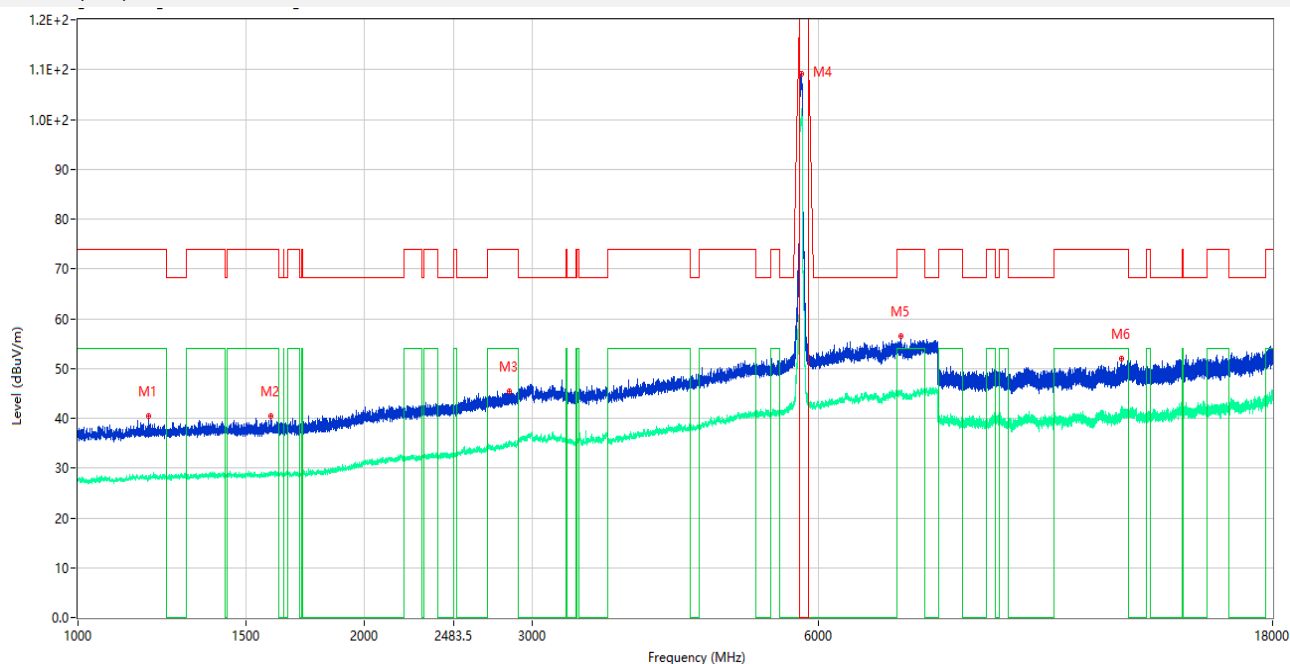
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1663.000	40.49	-15.07	74.0	33.51	Peak	360.00	150	Horizontal	Pass
1**	1663.000	29.35	-15.07	54.0	24.65	AV	360.00	150	Horizontal	Pass
2	2815.750	45.56	-8.07	74.0	28.44	Peak	360.00	150	Horizontal	Pass
2**	2815.750	34.60	-8.07	54.0	19.40	AV	360.00	150	Horizontal	Pass
3	4053.500	48.26	-3.04	74.0	25.74	Peak	0.00	150	Horizontal	Pass
3**	4053.500	37.22	-3.04	54.0	16.78	AV	0.00	150	Horizontal	Pass
4	5784.000	111.58	0.34	--	-52.58	Peak	59.00	150	Horizontal	N/A
4**	5784.000	102.85	0.34	--	-102.85	AV	59.00	150	Horizontal	N/A
5	7728.500	56.16	3.04	74.0	17.84	Peak	0.00	150	Horizontal	Pass
5**	7728.500	45.02	3.04	54.0	8.98	AV	0.00	150	Horizontal	Pass
6	12490.412	51.55	0.11	74.0	22.45	Peak	167.00	150	Horizontal	Pass
6**	12490.412	41.09	0.11	54.0	12.91	AV	167.00	150	Horizontal	Pass

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



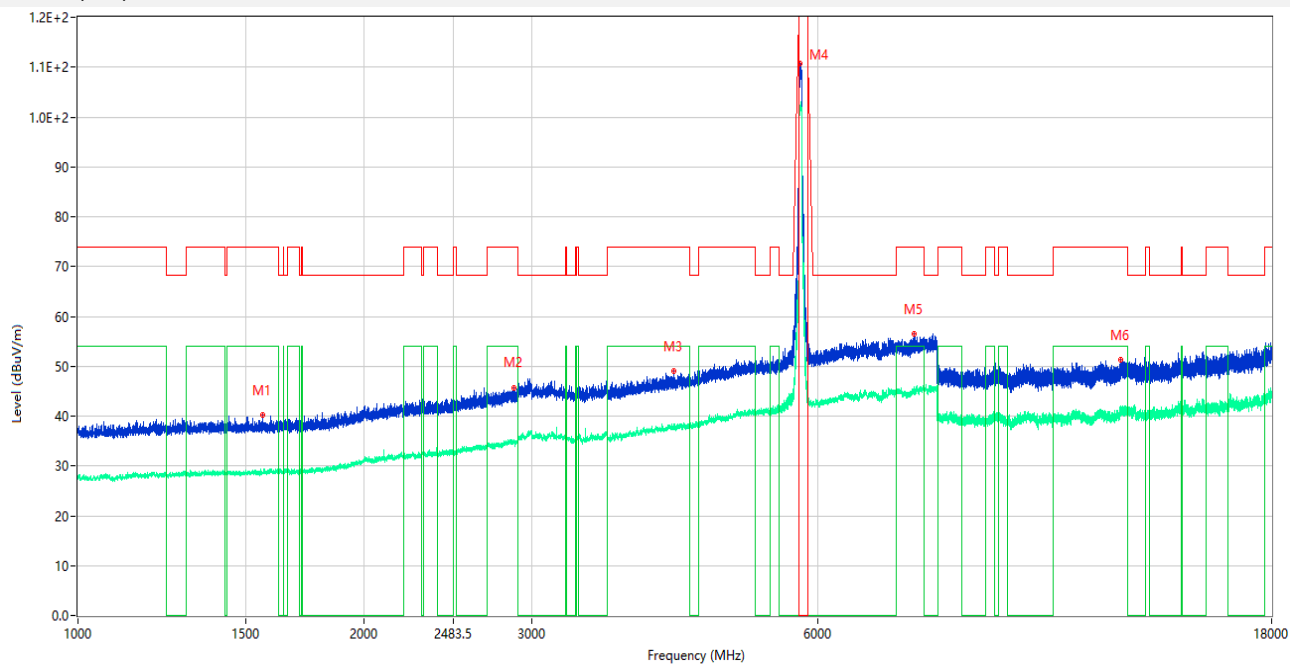
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.250	40.43	-15.42	74.0	33.57	Peak	344.00	150	Vertical	Pass
1**	1574.250	28.30	-15.42	54.0	25.70	AV	344.00	150	Vertical	Pass
2	2384.250	43.40	-11.22	74.0	30.60	Peak	51.00	150	Vertical	Pass
2**	2384.250	32.16	-11.22	54.0	21.84	AV	51.00	150	Vertical	Pass
3	4267.500	48.33	-2.60	74.0	25.67	Peak	168.00	150	Vertical	Pass
3**	4267.500	38.09	-2.60	54.0	15.91	AV	168.00	150	Vertical	Pass
4	5785.000	112.66	0.36	--	17.34	Peak	130.00	150	Vertical	N/A
4**	5785.000	104.53	0.36	--	-104.53	AV	130.00	150	Vertical	N/A
5	7720.000	56.04	3.11	74.0	17.96	Peak	346.00	150	Vertical	Pass
5**	7720.000	44.94	3.11	54.0	9.06	AV	346.00	150	Vertical	Pass
6	12507.037	51.53	-0.15	74.0	22.47	Peak	236.00	150	Vertical	Pass
6**	12507.037	41.76	-0.15	54.0	12.24	AV	236.00	150	Vertical	Pass

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



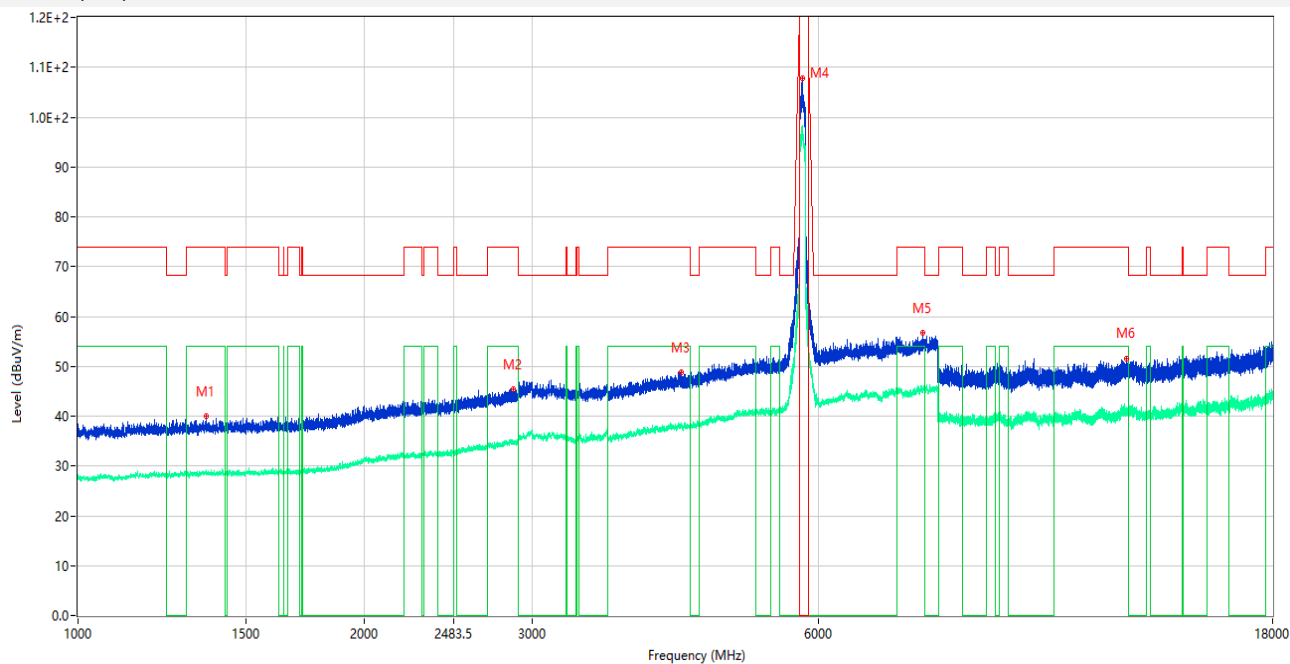
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1185.750	40.45	-15.39	74.0	33.55	Peak	197.00	150	Horizontal	Pass
1**	1185.750	27.52	-15.39	54.0	26.48	AV	197.00	150	Horizontal	Pass
2	1592.750	40.36	-15.38	74.0	33.64	Peak	295.00	150	Horizontal	Pass
2**	1592.750	29.10	-15.38	54.0	24.90	AV	295.00	150	Horizontal	Pass
3	2839.750	45.46	-7.60	74.0	28.54	Peak	316.00	150	Horizontal	Pass
3**	2839.750	35.41	-7.60	54.0	18.59	AV	316.00	150	Horizontal	Pass
4	5759.000	109.07	0.09	--	-89.07	Peak	20.00	150	Horizontal	N/A
4**	5759.000	100.49	0.09	--	-100.49	AV	20.00	150	Horizontal	N/A
5	7328.500	56.39	2.72	74.0	17.61	Peak	359.00	150	Horizontal	Pass
5**	7328.500	44.86	2.72	54.0	9.14	AV	359.00	150	Horizontal	Pass
6	12496.588	51.94	0.22	74.0	22.06	Peak	360.00	150	Horizontal	Pass
6**	12496.588	41.95	0.22	54.0	12.05	AV	360.00	150	Horizontal	Pass

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



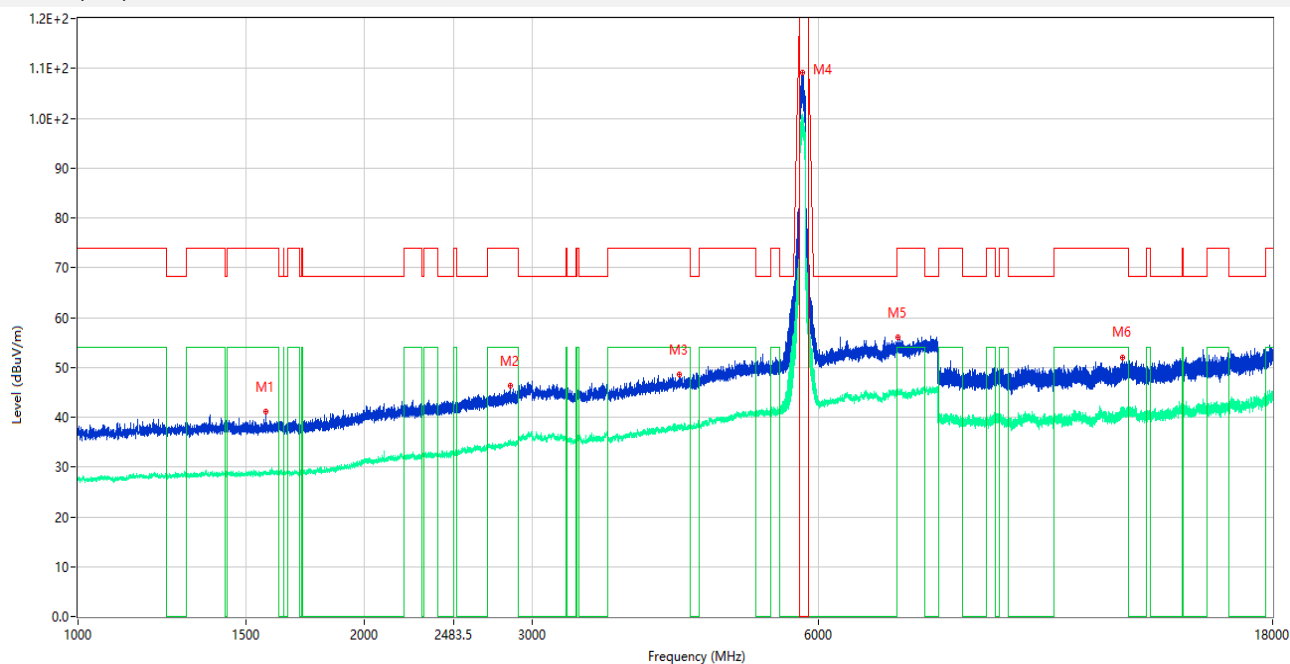
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1562.250	40.16	-15.21	74.0	33.84	Peak	59.00	150	Vertical	Pass
1**	1562.250	28.46	-15.21	54.0	25.54	AV	59.00	150	Vertical	Pass
2	2873.500	45.70	-7.65	74.0	28.30	Peak	9.00	150	Vertical	Pass
2**	2873.500	35.01	-7.65	54.0	18.99	AV	9.00	150	Vertical	Pass
3	4228.500	49.07	-2.97	74.0	24.93	Peak	0.00	150	Vertical	Pass
3**	4228.500	37.66	-2.97	54.0	16.34	AV	0.00	150	Vertical	Pass
4	5747.000	110.77	-0.07	--	18.23	Peak	129.00	150	Vertical	N/A
4**	5747.000	100.96	-0.07	--	-100.96	AV	129.00	150	Vertical	N/A
5	7569.000	56.43	3.16	74.0	17.57	Peak	11.00	150	Vertical	Pass
5**	7569.000	45.19	3.16	54.0	8.81	AV	11.00	150	Vertical	Pass
6	12494.687	51.29	0.11	74.0	22.71	Peak	20.00	150	Vertical	Pass
6**	12494.687	41.90	0.11	54.0	12.10	AV	20.00	150	Vertical	Pass

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



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1363.750	39.97	-15.43	74.0	34.03	Peak	360.00	150	Horizontal	Pass
1**	1363.750	28.50	-15.43	54.0	25.50	AV	360.00	150	Horizontal	Pass
2	2869.250	45.53	-7.65	74.0	28.47	Peak	360.00	150	Horizontal	Pass
2**	2869.250	35.04	-7.65	54.0	18.96	AV	360.00	150	Horizontal	Pass
3	4300.500	48.87	-2.84	74.0	25.13	Peak	42.00	150	Horizontal	Pass
3**	4300.500	37.82	-2.84	54.0	16.18	AV	42.00	150	Horizontal	Pass
4	5776.500	107.77	0.39	--	105.23	Peak	213.00	150	Horizontal	N/A
4**	5776.500	98.37	0.39	--	-98.37	AV	213.00	150	Horizontal	N/A
5	7722.000	56.73	3.07	74.0	17.27	Peak	0.00	150	Horizontal	Pass
5**	7722.000	44.75	3.07	54.0	9.25	AV	0.00	150	Horizontal	Pass
6	12645.737	51.63	-0.29	74.0	22.37	Peak	45.00	150	Horizontal	Pass
6**	12645.737	41.04	-0.29	54.0	12.96	AV	45.00	150	Horizontal	Pass

11ax80 (SU), 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	1575.750	41.20	-15.48	74.0	32.80	Peak	48.00	150	Vertical	Pass
1**	1575.750	28.42	-15.48	54.0	25.58	AV	48.00	150	Vertical	Pass
2	2846.250	46.38	-7.51	74.0	27.62	Peak	305.00	150	Vertical	Pass
2**	2846.250	34.88	-7.51	54.0	19.12	AV	305.00	150	Vertical	Pass
3	4286.000	48.65	-2.98	74.0	25.35	Peak	278.00	150	Vertical	Pass
3**	4286.000	37.81	-2.98	54.0	16.19	AV	278.00	150	Vertical	Pass
4	5777.500	109.07	0.38	--	9.93	Peak	119.00	150	Vertical	N/A
4**	5777.500	100.89	0.38	--	-100.89	AV	119.00	150	Vertical	N/A
5	7275.500	55.99	2.55	74.0	18.01	Peak	81.00	150	Vertical	Pass
5**	7275.500	45.02	2.55	54.0	8.98	AV	81.00	150	Vertical	Pass
6	12518.200	52.08	-0.40	74.0	21.92	Peak	355.00	150	Vertical	Pass
6**	12518.200	40.47	-0.40	54.0	13.53	AV	355.00	150	Vertical	Pass

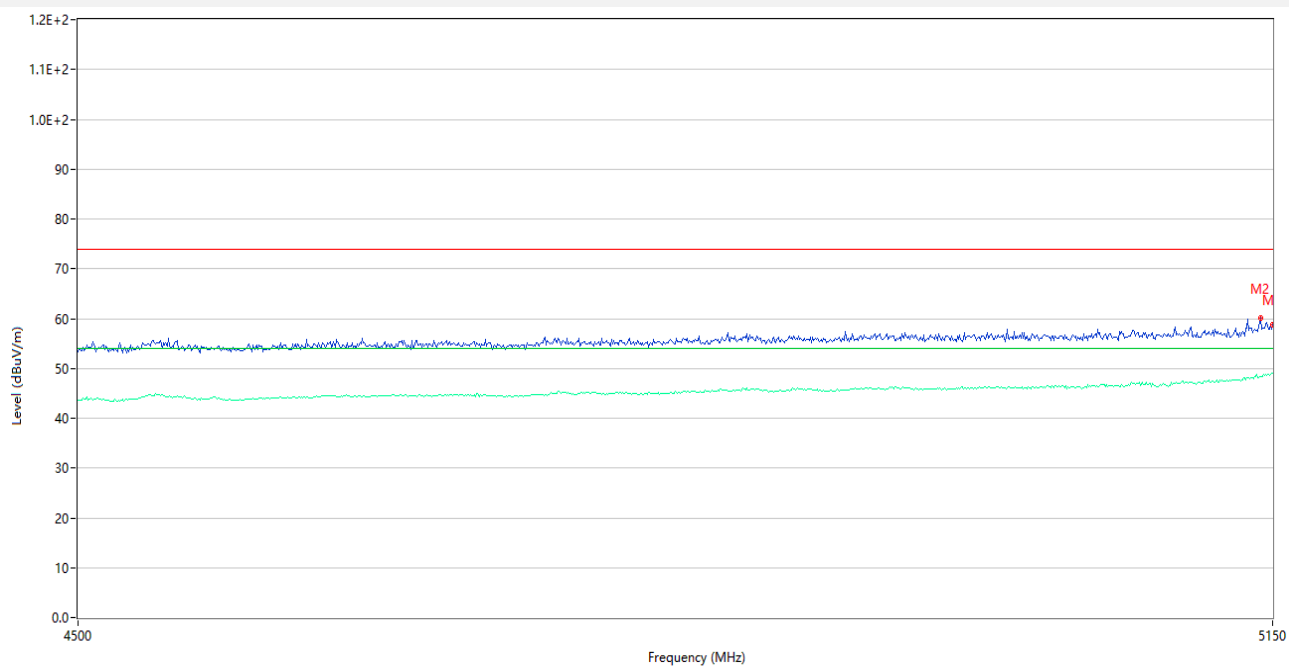
A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	802.11ax(HE20) (SU)	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
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	802.11ax(HE20) (SU)	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

	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Low	Pass
		High	Pass
	802.11ax(HE20) (SU)	Low	Pass
		High	Pass
	802.11ax(HE40) (SU)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
	802.11ax(HE20) (SU)	Low	Pass
		High	Pass
	802.11ax(HE40) (SU)	Low	Pass
		High	Pass
	802.11ax(HE80) (SU)	Middle	Pass

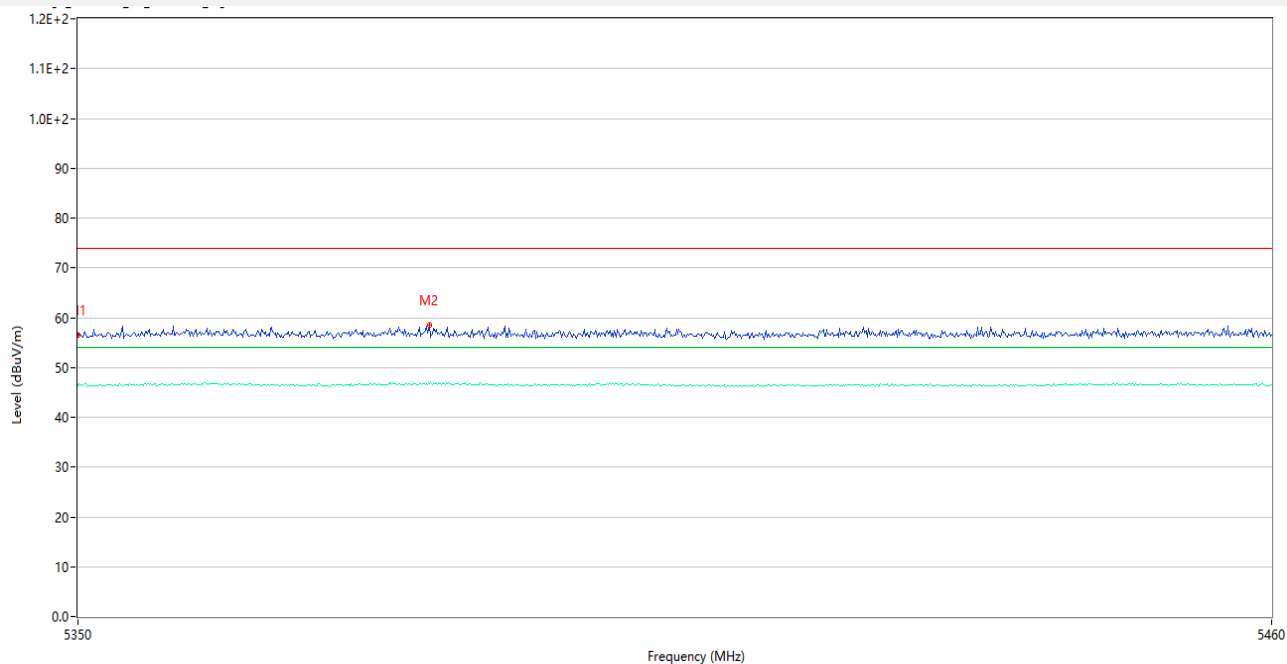
Test Data and Plots

U-NII-1 11a CH36



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	58.78	5.21	74.0	15.22	Peak	135.00	150	Vertical	Pass
1**	5150.000	49.12	5.21	54.0	4.88	AV	135.00	150	Vertical	Pass
2	5142.850	60.04	5.47	74.0	13.96	Peak	112.00	150	Vertical	Pass
2**	5142.850	48.45	5.47	54.0	5.55	AV	112.00	150	Vertical	Pass

U-NII-1 11a CH48



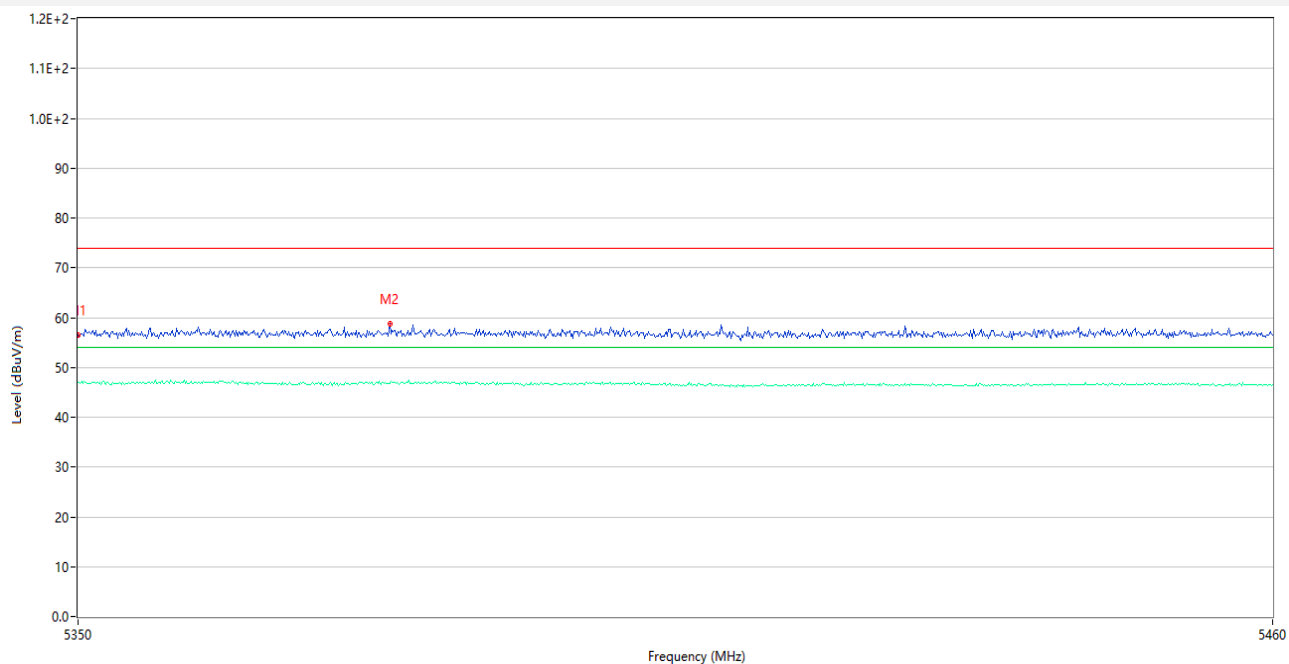
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.40	5.40	74.0	17.60	Peak	200.00	150	Horizontal	Pass
1**	5350.000	46.37	5.40	54.0	7.63	AV	200.00	150	Horizontal	Pass
2	5382.120	58.44	5.70	74.0	15.56	Peak	352.00	150	Horizontal	Pass
2**	5382.120	46.88	5.70	54.0	7.12	AV	352.00	150	Horizontal	Pass

U-NII-1 11ac20 CH36



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.08	5.21	74.0	13.92	Peak	128.00	150	Vertical	Pass
1**	5150.000	49.16	5.21	54.0	4.84	AV	128.00	150	Vertical	Pass
2	5145.450	59.44	5.41	74.0	14.56	Peak	130.00	150	Vertical	Pass
2**	5145.450	48.40	5.41	54.0	5.60	AV	130.00	150	Vertical	Pass

U-NII-1 11ac20 CH48



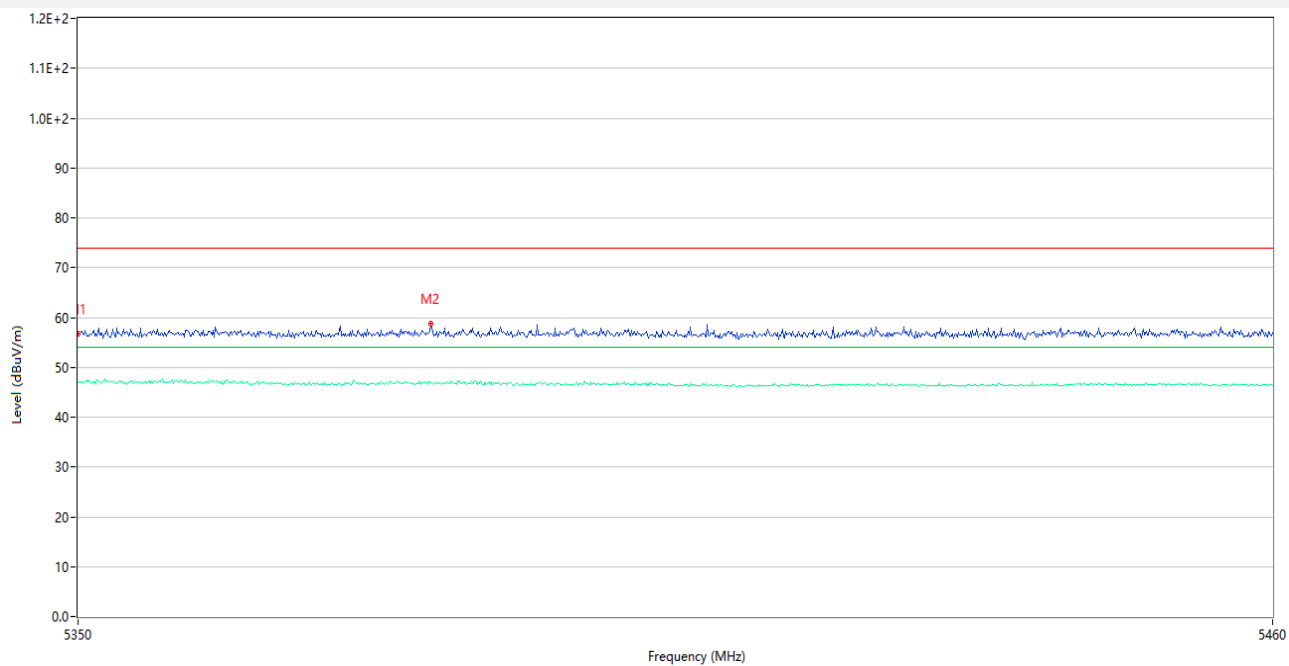
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.39	5.40	74.0	17.61	Peak	65.00	150	Vertical	Pass
1**	5350.000	47.11	5.40	54.0	6.89	AV	65.00	150	Vertical	Pass
2	5378.490	58.70	5.65	74.0	15.30	Peak	252.00	150	Vertical	Pass
1	5350.000	56.39	5.40	74.0	17.61	Peak	65.00	150	Vertical	Pass

U-NII-1 11ac40 CH38



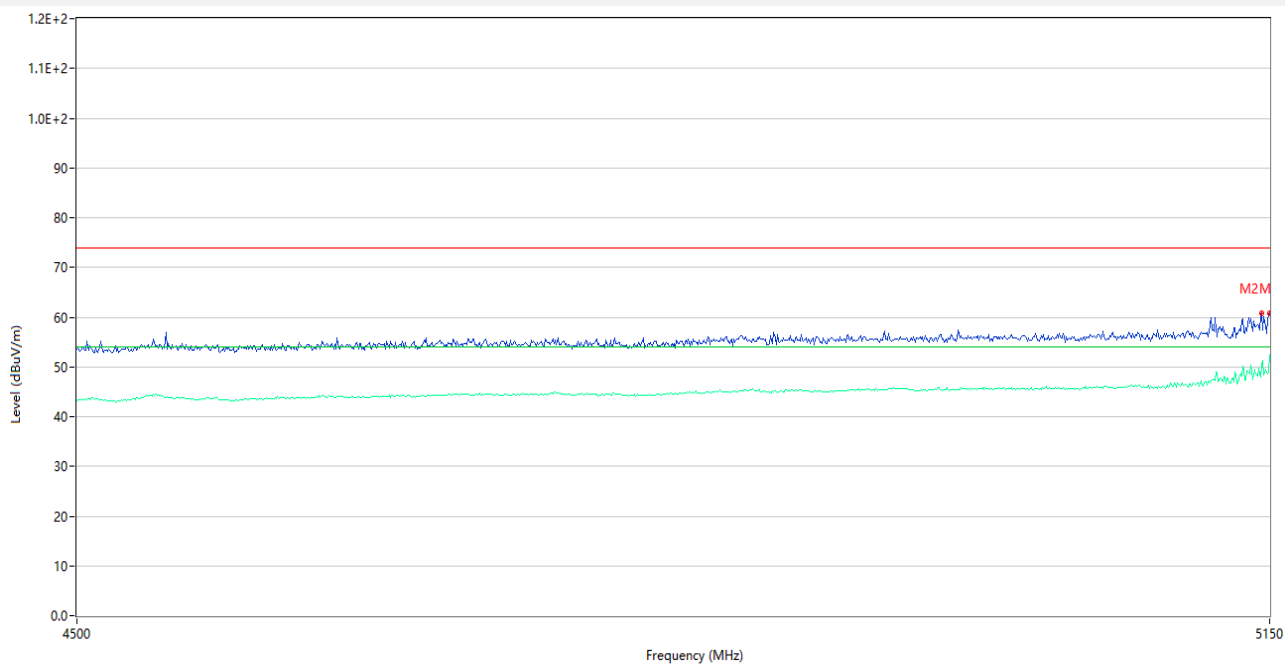
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	61.59	5.21	74.0	12.41	Peak	118.00	150	Vertical	Pass
1**	5150.000	52.35	5.21	54.0	1.65	AV	118.00	150	Vertical	Pass
2	5140.900	61.30	5.58	74.0	12.70	Peak	124.00	150	Vertical	Pass
2**	5140.900	50.32	5.58	54.0	3.68	AV	124.00	150	Vertical	Pass

U-NII-1 11ac40 CH46



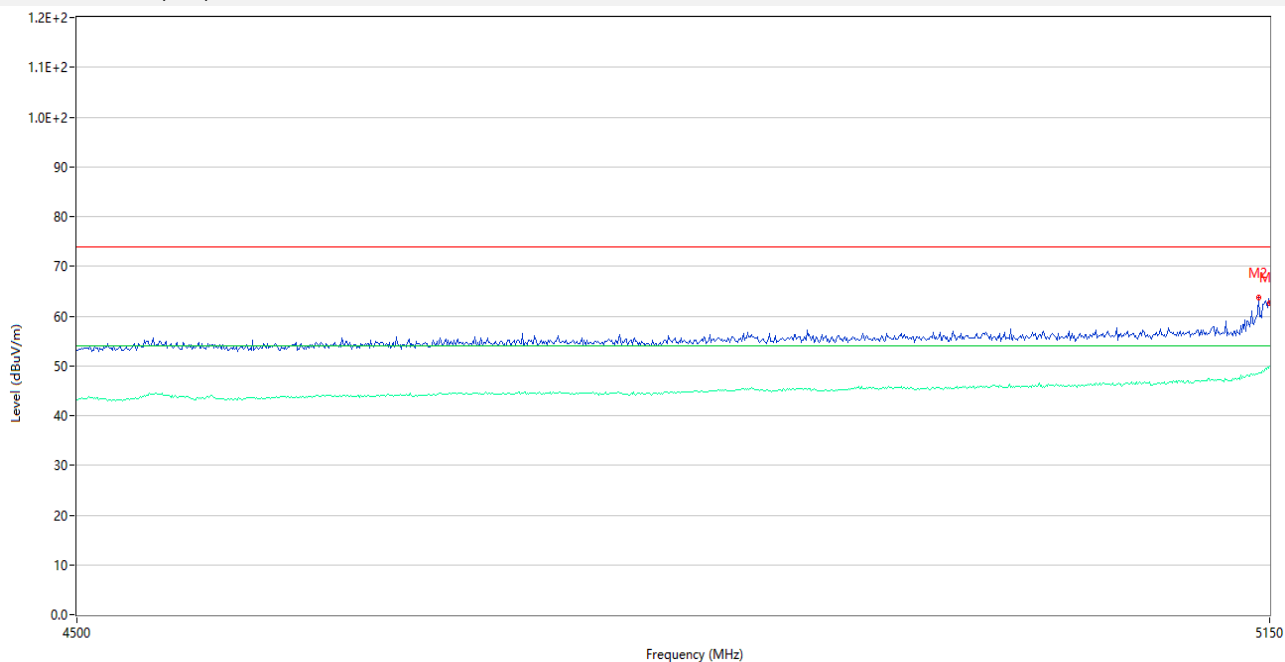
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.78	5.40	74.0	17.22	Peak	127.00	150	Vertical	Pass
1**	5350.000	47.03	5.40	54.0	6.97	AV	127.00	150	Vertical	Pass
2	5382.230	58.73	5.70	74.0	15.27	Peak	268.00	150	Vertical	Pass
2**	5382.230	46.82	5.70	54.0	7.18	AV	268.00	150	Vertical	Pass

U-NII-1 11ac80 CH42



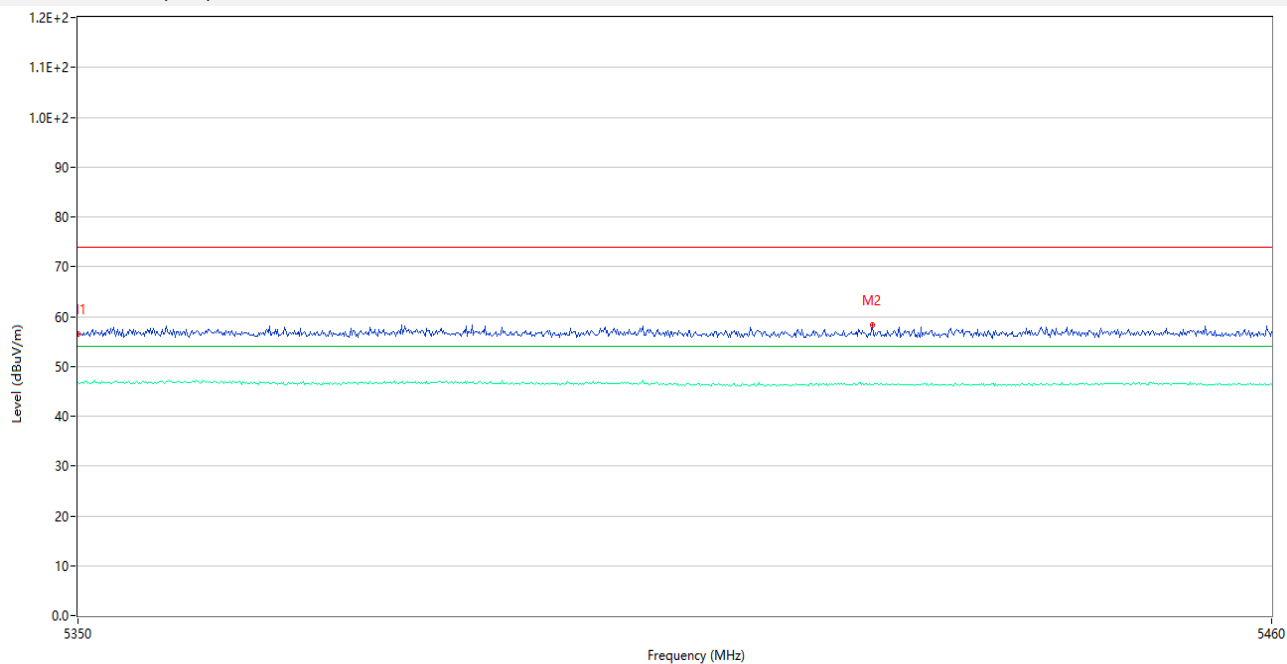
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.74	5.21	74.0	13.26	Peak	117.00	150	Vertical	Pass
1**	5150.000	52.47	5.21	54.0	1.53	AV	117.00	150	Vertical	Pass
2	5145.450	60.88	5.41	74.0	13.12	Peak	122.00	150	Vertical	Pass
2**	5145.450	50.45	5.41	54.0	3.55	AV	122.00	150	Vertical	Pass

U-NII-1 11ax20 (SU) CH36



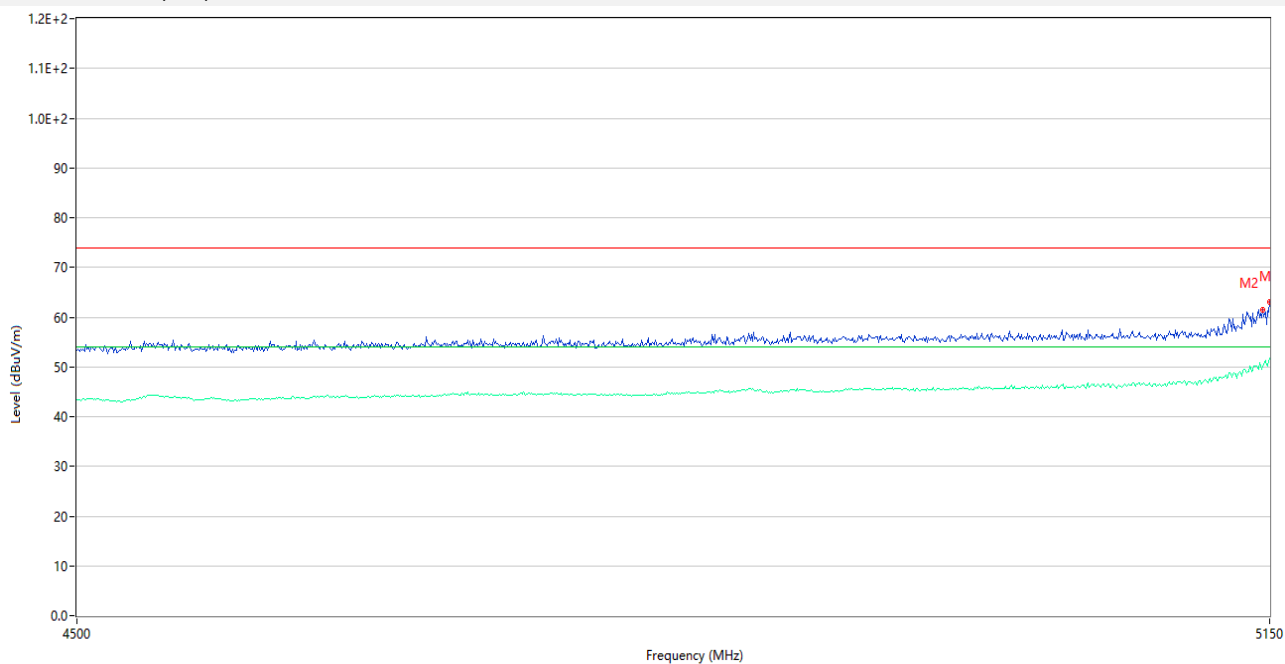
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	62.68	5.21	74.0	11.32	Peak	129.00	150	Vertical	Pass
1**	5150.000	49.90	5.21	54.0	4.10	AV	129.00	150	Vertical	Pass
2	5143.500	63.68	5.43	74.0	10.32	Peak	132.00	150	Vertical	Pass
2**	5143.500	48.49	5.43	54.0	5.51	AV	132.00	150	Vertical	Pass

U-NII-1 11ax20 (SU) CH48



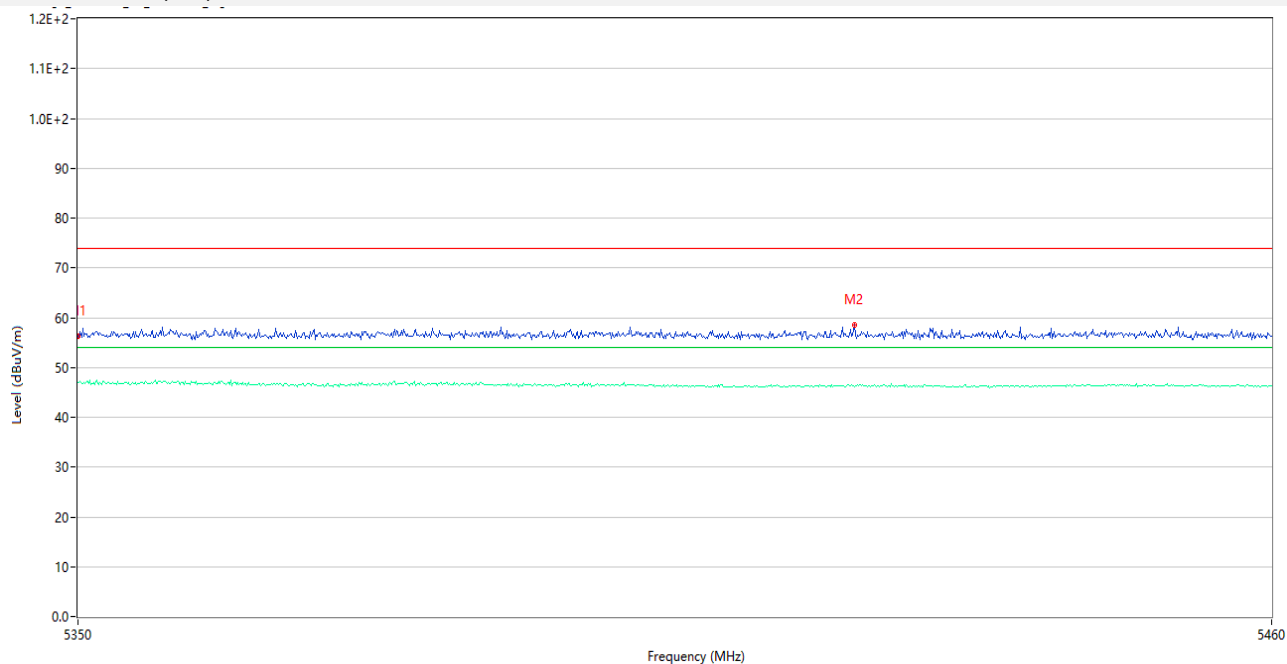
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.57	5.40	74.0	17.43	Peak	46.00	150	Vertical	Pass
1**	5350.000	46.70	5.40	54.0	7.30	AV	46.00	150	Vertical	Pass
2	5422.930	58.33	5.32	74.0	15.67	Peak	178.00	150	Vertical	Pass
2**	5422.930	46.30	5.32	54.0	7.70	AV	178.00	150	Vertical	Pass

U-NII-1 11ax40 (SU) CH38



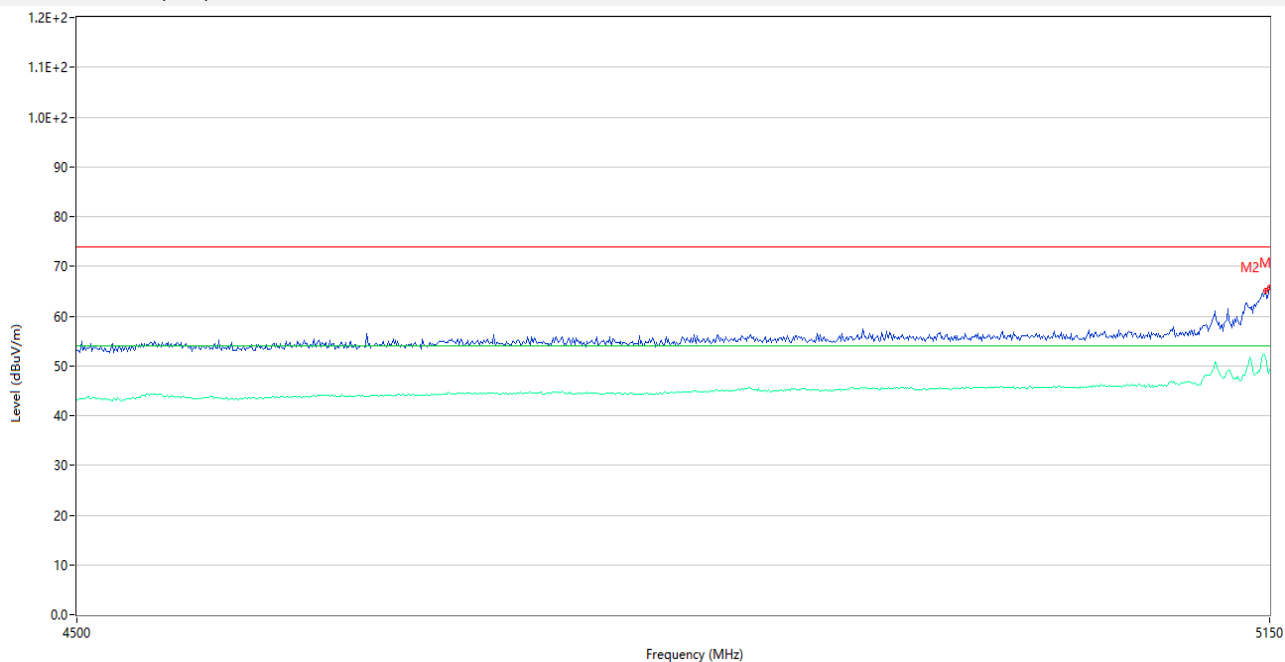
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	63.16	5.21	74.0	10.84	Peak	123.00	150	Vertical	Pass
1**	5150.000	51.72	5.21	54.0	2.28	AV	123.00	150	Vertical	Pass
2	5146.100	61.55	5.37	74.0	12.45	Peak	115.00	150	Vertical	Pass
2**	5146.100	50.16	5.37	54.0	3.84	AV	115.00	150	Vertical	Pass

U-NII-1 11ax40 (SU) CH46



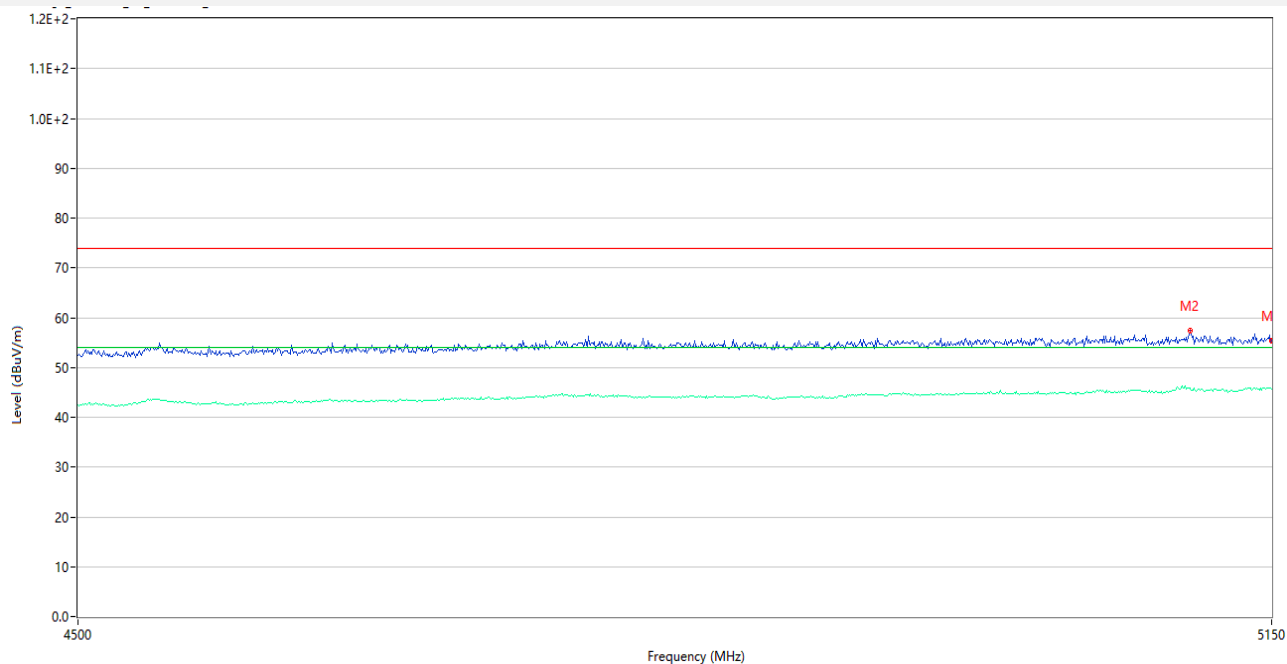
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.20	5.40	74.0	17.80	Peak	360.00	150	Vertical	Pass
1**	5350.000	46.90	5.40	54.0	7.10	AV	360.00	150	Vertical	Pass
2	5421.280	58.63	5.33	74.0	15.37	Peak	95.00	150	Vertical	Pass
2**	5421.280	46.18	5.33	54.0	7.82	AV	95.00	150	Vertical	Pass

U-NII-1 11ax80 (SU) CH42



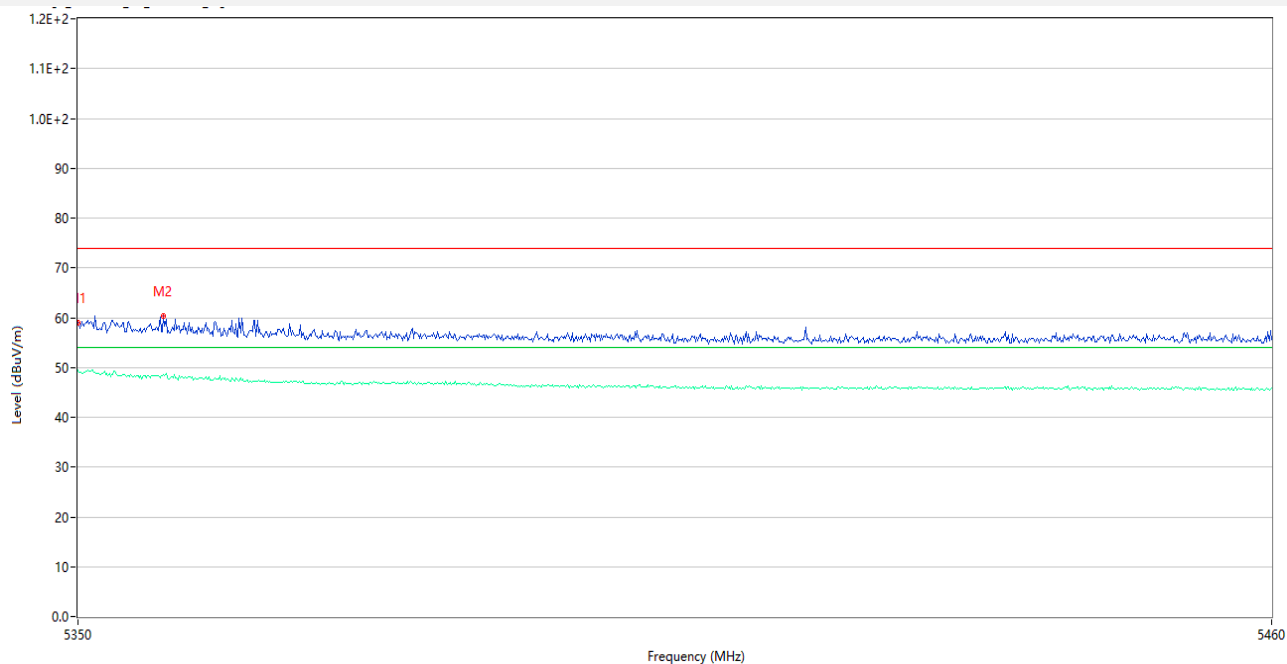
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	65.65	5.21	74.0	8.35	Peak	121.00	150	Vertical	Pass
1**	5150.000	49.36	5.21	54.0	4.64	AV	121.00	150	Vertical	Pass
2	5147.400	65.03	5.29	74.0	8.97	Peak	121.00	150	Vertical	Pass
2**	5147.400	51.76	5.29	54.0	2.24	AV	121.00	150	Vertical	Pass

U-NII-2A 11a CH52



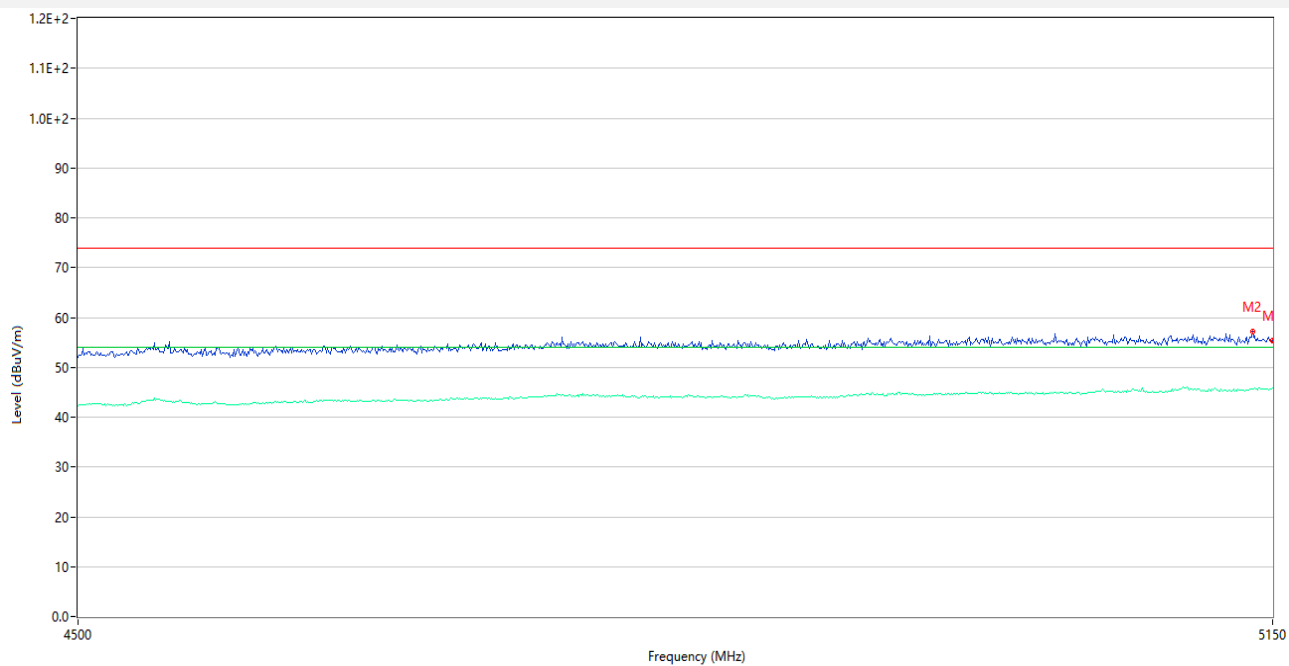
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.37	5.21	74.0	18.63	Peak	112.01	150	Vertical	Pass
1**	5150.000	45.61	5.21	54.0	8.39	AV	112.01	150	Vertical	Pass
2	5102.550	57.33	5.25	74.0	16.67	Peak	106.00	150	Vertical	Pass
2**	5102.550	45.77	5.25	54.0	8.23	AV	106.00	150	Vertical	Pass

U-NII-2A 11a CH64



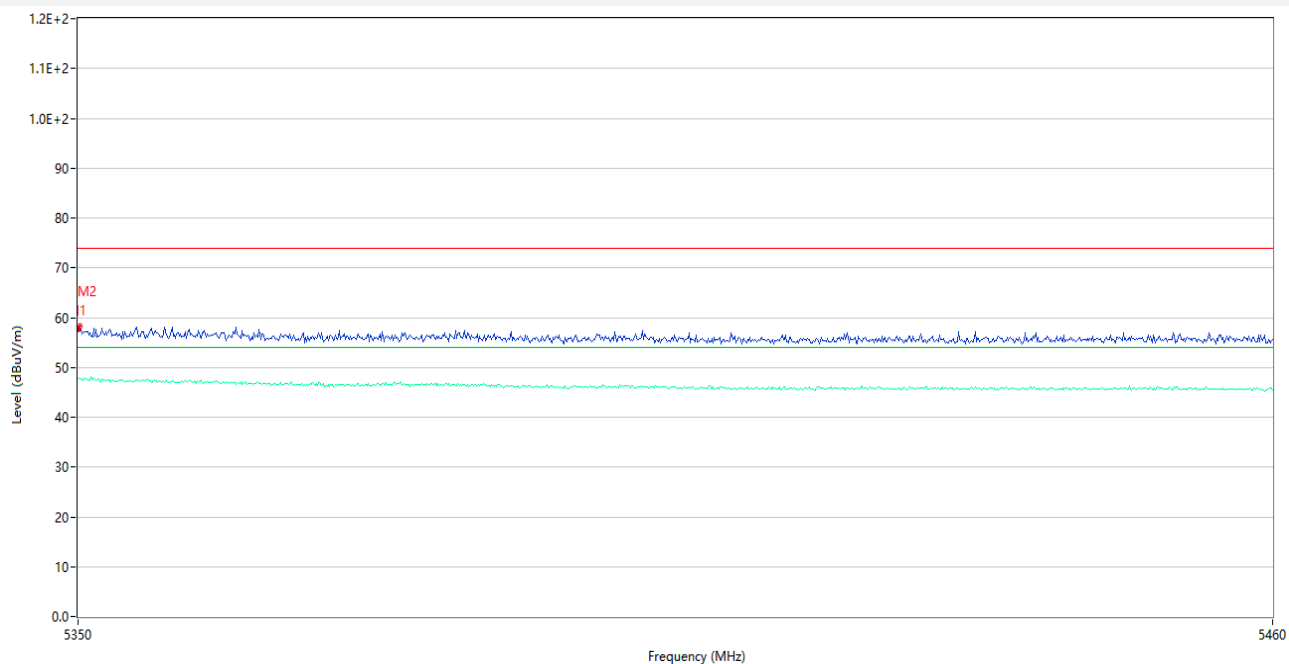
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.05	5.40	74.0	14.95	Peak	123.00	150	Vertical	Pass
1**	5350.000	49.38	5.40	54.0	4.62	AV	123.00	150	Vertical	Pass
2	5357.810	60.34	5.64	74.0	13.66	Peak	123.00	150	Vertical	Pass
2**	5357.810	48.48	5.64	54.0	5.52	AV	123.00	150	Vertical	Pass

U-NII-2A 11ac20 CH52



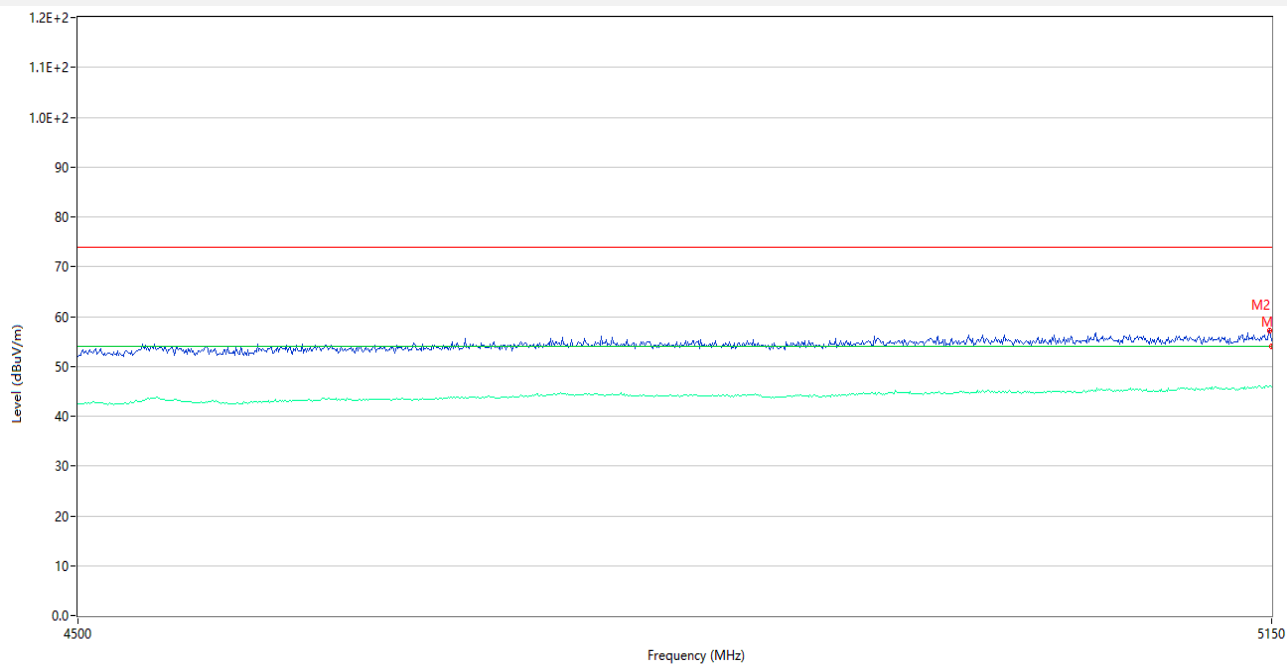
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.30	5.21	74.0	18.70	Peak	156.00	150	Vertical	Pass
1**	5150.000	45.83	5.21	54.0	8.17	AV	156.00	150	Vertical	Pass
2	5138.300	57.18	5.56	74.0	16.82	Peak	133.00	150	Vertical	Pass
2**	5138.300	45.71	5.56	54.0	8.29	AV	133.00	150	Vertical	Pass

U-NII-2A 11ac20 CH64



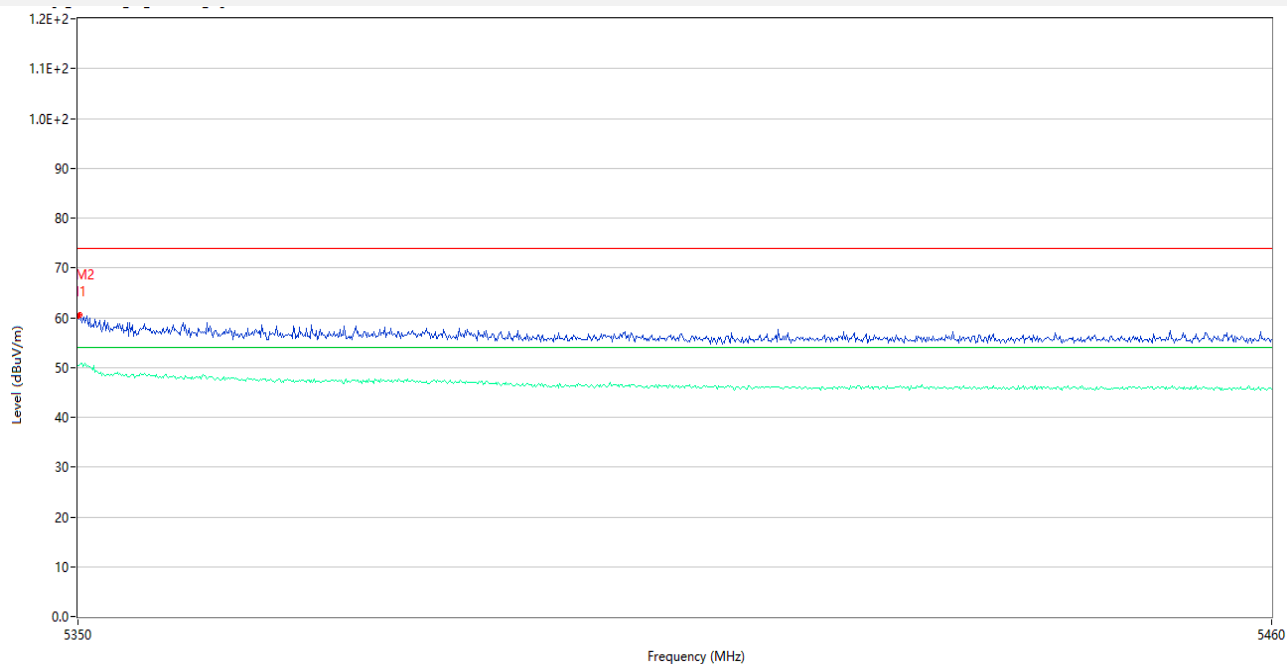
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.66	5.40	74.0	16.34	Peak	114.00	150	Vertical	Pass
1**	5350.000	47.60	5.40	54.0	6.40	AV	114.00	150	Vertical	Pass
2	5350.220	58.25	5.41	74.0	15.75	Peak	123.00	150	Vertical	Pass
2**	5350.220	47.79	5.41	54.0	6.21	AV	123.00	150	Vertical	Pass

U-NII-2A 11ac40 CH54



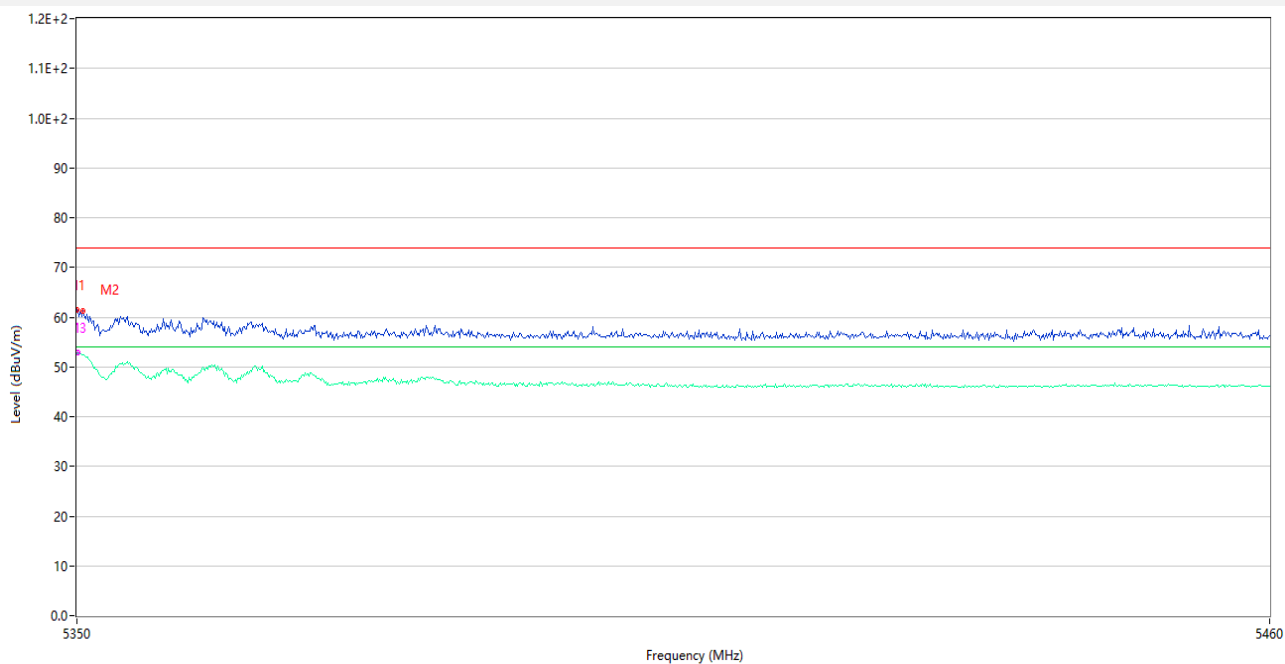
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.21	5.21	74.0	18.79	Peak	18.02	150	Vertical	Pass
1**	5150.000	45.95	5.21	54.0	8.05	AV	18.02	150	Vertical	Pass
2	5148.700	57.26	5.23	74.0	16.74	Peak	128.00	150	Vertical	Pass
2**	5148.700	46.06	5.23	54.0	7.94	AV	128.00	150	Vertical	Pass

U-NII-2A 11ac40 CH62



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	60.31	5.40	74.0	13.69	Peak	113.00	150	Vertical	Pass
1**	5350.000	50.36	5.40	54.0	3.64	AV	113.00	150	Vertical	Pass
2	5350.220	60.54	5.41	74.0	13.46	Peak	126.00	150	Vertical	Pass
2**	5350.220	50.51	5.41	54.0	3.49	AV	126.00	150	Vertical	Pass

U-NII-2A 11ac80 CH58



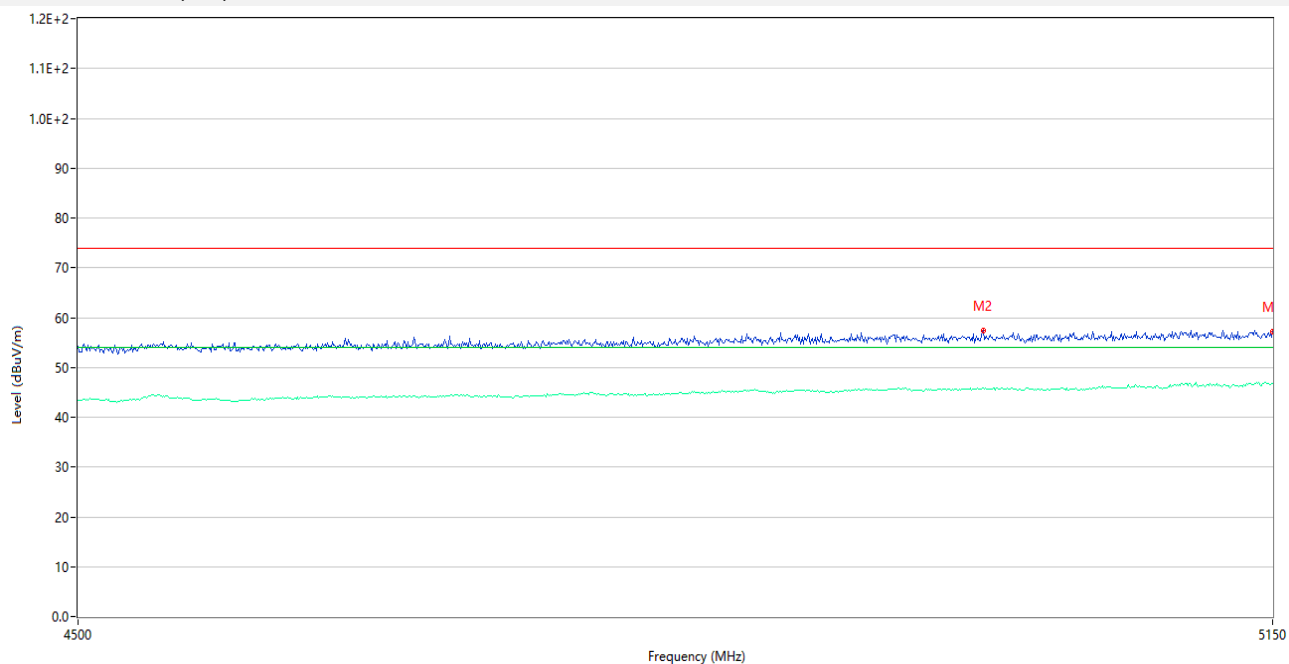
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.46	5.40	74.0	12.54	Peak	122.00	150	Vertical	Pass
1**	5350.000	52.61	5.40	54.0	1.39	AV	122.00	150	Vertical	Pass
2	5350.550	61.33	5.42	74.0	12.67	Peak	111.00	150	Vertical	Pass
2**	5350.550	52.49	5.42	54.0	1.51	AV	111.00	150	Vertical	Pass
3	5350.110	61.26	5.40	74.0	12.74	Peak	114.00	150	Vertical	Pass
3**	5350.110	52.79	5.40	54.0	1.21	AV	114.00	150	Vertical	Pass

U-NII-2A 11a160 CH50



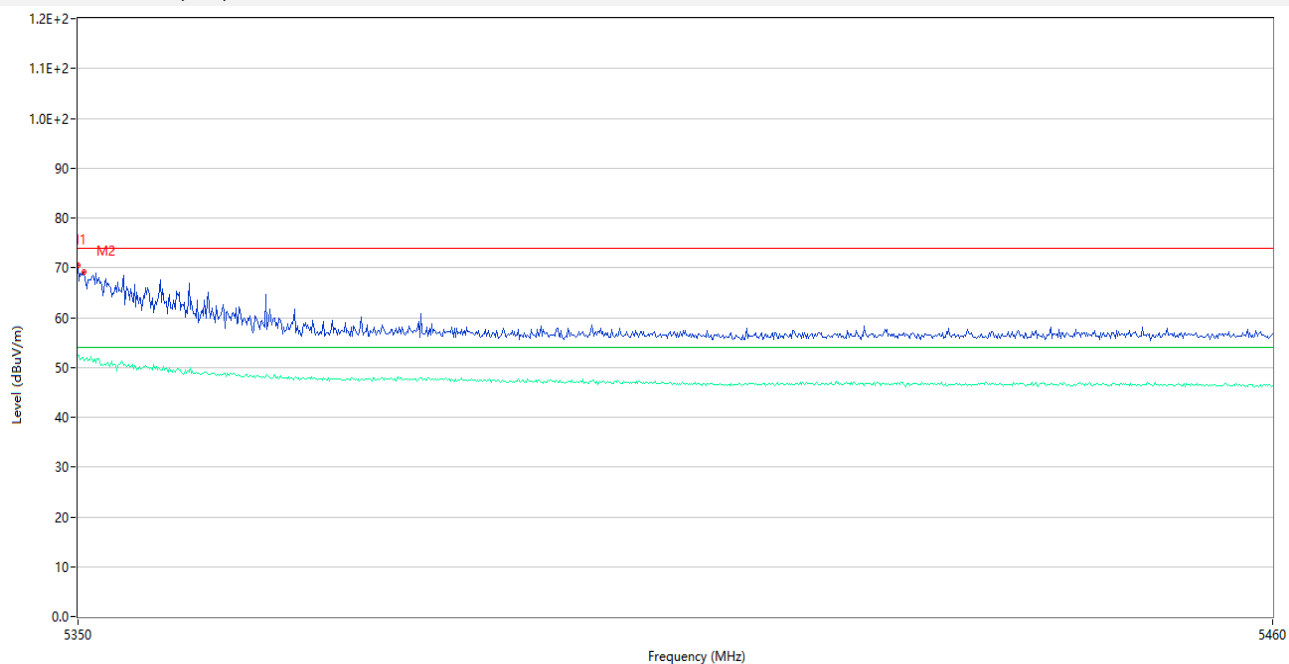
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	60.02	5.21	74.0	13.98	Peak	127.00	150	Vertical	Pass
1**	5150.000	49.61	5.21	54.0	4.39	AV	127.00	150	Vertical	Pass
2	5145.450	64.26	5.41	74.0	9.74	Peak	123.00	150	Vertical	Pass
2**	5145.450	52.99	5.41	54.0	1.01	AV	123.00	150	Vertical	Pass

U-NII-2A 11ax20 (SU) CH52



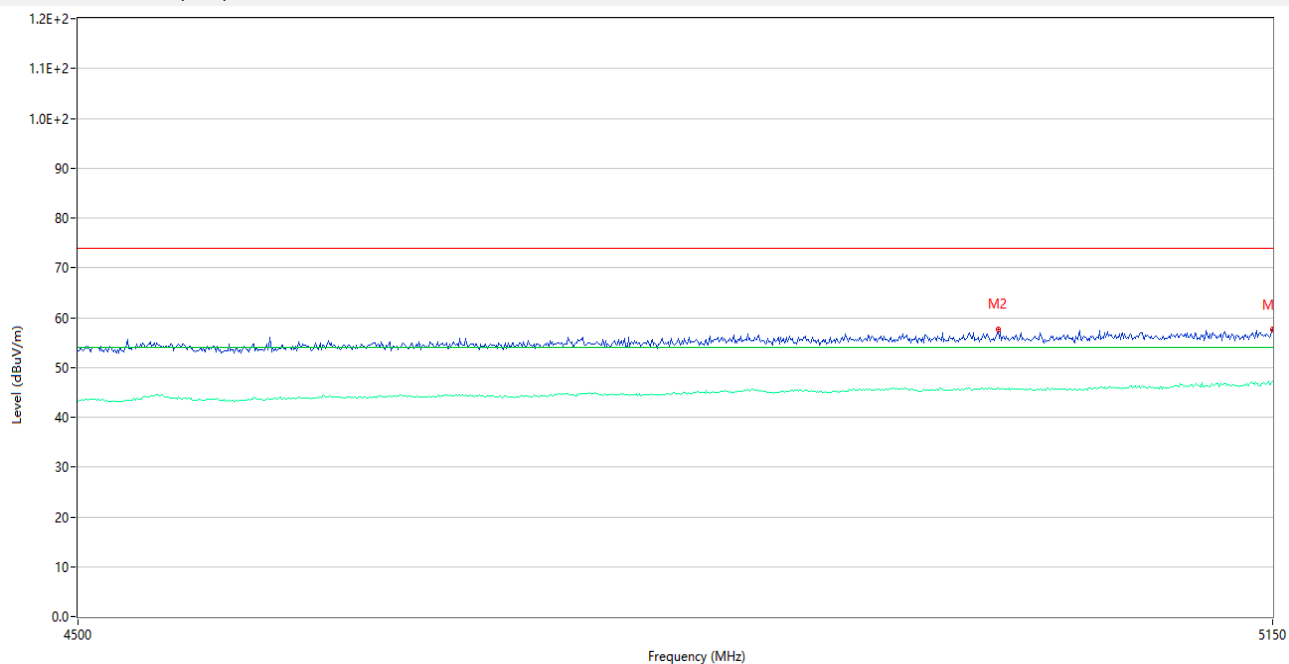
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.23	5.21	74.0	16.77	Peak	168.04	150	Vertical	Pass
1**	5150.000	46.68	5.21	54.0	7.32	AV	168.04	150	Vertical	Pass
2	4984.250	57.41	4.86	74.0	16.59	Peak	311.00	150	Vertical	Pass
2**	4984.250	45.82	4.86	54.0	8.18	AV	311.00	150	Vertical	Pass

U-NII-2A 11ax20 (SU) CH64



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	70.59	5.40	74.0	3.41	Peak	121.00	150	Vertical	Pass
1**	5350.000	52.43	5.40	54.0	1.57	AV	121.00	150	Vertical	Pass
2	5350.550	69.08	5.42	74.0	4.92	Peak	118.00	150	Vertical	Pass
2**	5350.550	51.35	5.42	54.0	2.65	AV	118.00	150	Vertical	Pass

U-NII-2A 11ax40 (SU) CH54



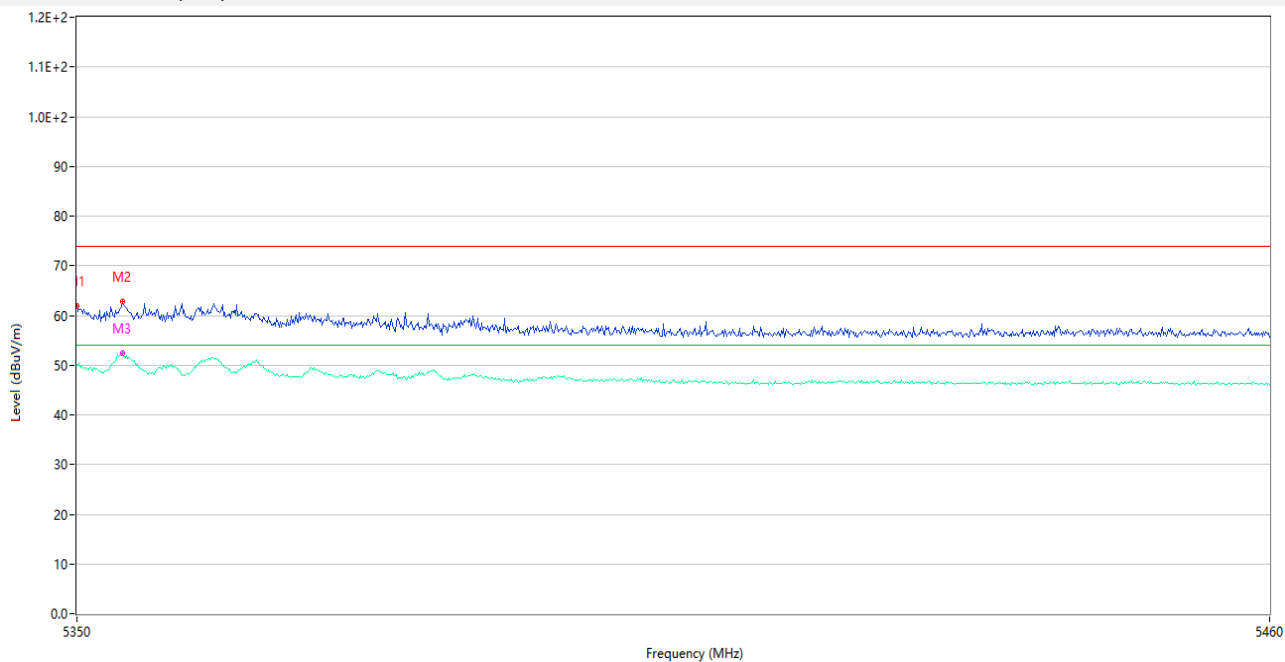
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.66	5.21	74.0	16.34	Peak	183.99	150	Vertical	Pass
1**	5150.000	47.23	5.21	54.0	6.77	AV	183.99	150	Vertical	Pass
2	4992.700	57.73	5.03	74.0	16.27	Peak	0.00	150	Vertical	Pass
2**	4992.700	45.79	5.03	54.0	8.21	AV	0.00	150	Vertical	Pass

U-NII-2A 11ax40 (SU) CH62



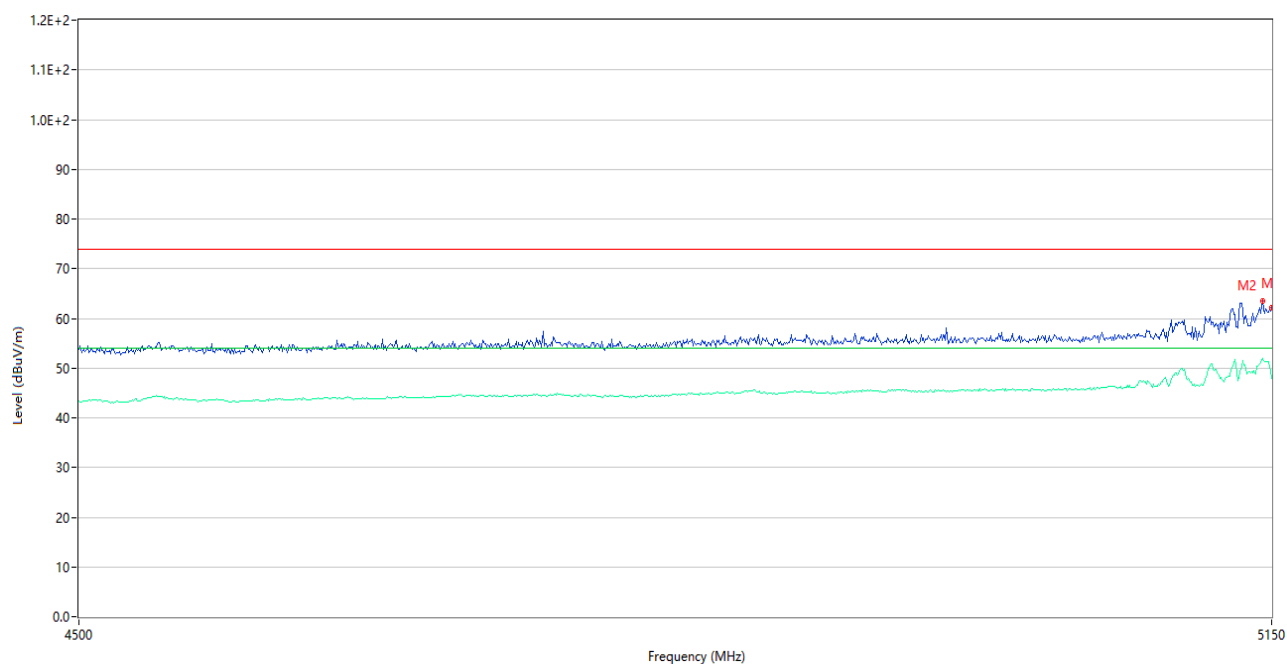
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	62.40	5.40	74.0	11.60	Peak	125.00	150	Vertical	Pass
1**	5350.000	51.98	5.40	54.0	2.02	AV	125.00	150	Vertical	Pass
2	5350.990	62.62	5.43	74.0	11.38	Peak	123.00	150	Vertical	Pass
2**	5350.990	51.22	5.43	54.0	2.78	AV	123.00	150	Vertical	Pass

U-NII-2A 11ax80 (SU) CH58



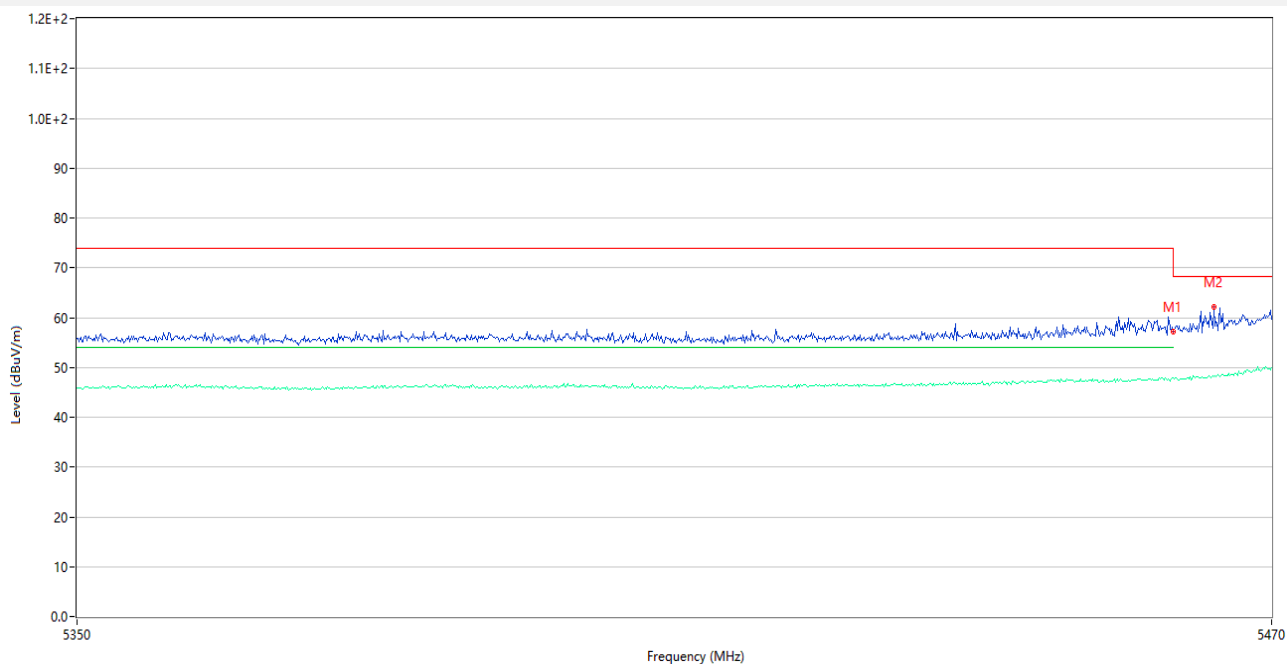
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.81	5.40	74.0	12.19	Peak	115.00	150	Vertical	Pass
1**	5350.000	50.02	5.40	54.0	3.98	AV	115.00	150	Vertical	Pass
2	5354.180	62.80	5.50	74.0	11.20	Peak	124.00	150	Vertical	Pass
2**	5354.180	52.35	5.50	54.0	1.65	AV	124.00	150	Vertical	Pass
3	5354.180	62.80	5.50	74.0	11.20	Peak	124.00	150	Vertical	Pass
3**	5354.180	52.35	5.50	54.0	1.65	AV	124.00	150	Vertical	Pass

U-NII-2A 11ax160 (SU) CH50



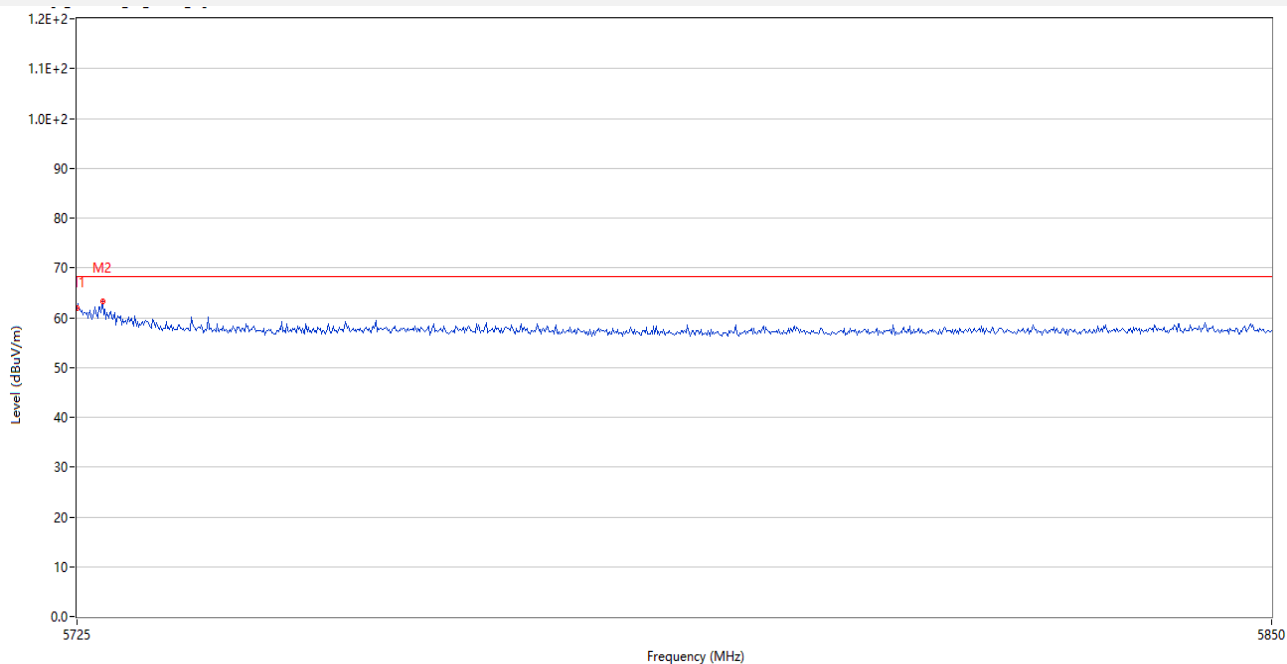
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	62.15	5.21	74.0	11.85	Peak	127.00	150	Vertical	Pass
1**	5150.000	48.01	5.21	54.0	5.99	AV	127.00	150	Vertical	Pass
2	5144.800	63.40	5.42	74.0	10.60	Peak	129.00	150	Vertical	Pass
2**	5144.800	52.01	5.42	54.0	1.99	AV	129.00	150	Vertical	Pass

U-NII-2C 11a CH100



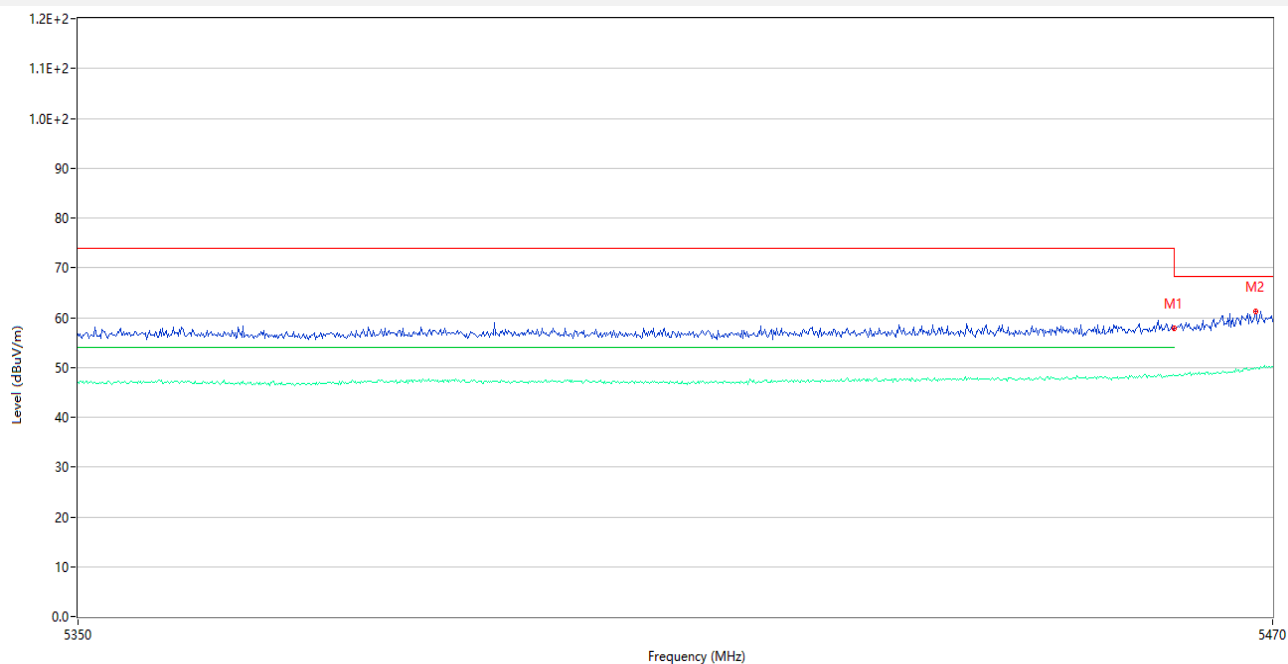
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.44	5.38	68.2	10.76	Peak	129.00	150	Vertical	Pass
1**	5460.000	47.84	5.38	54.0	6.16	AV	129.00	150	Vertical	Pass
2	5464.120	62.08	5.56	68.2	6.12	Peak	121.00	150	Vertical	Pass
2**	5464.120	48.21	5.56	--	-48.21	AV	121.00	150	Vertical	N/A

U-NII-2C 11a CH140



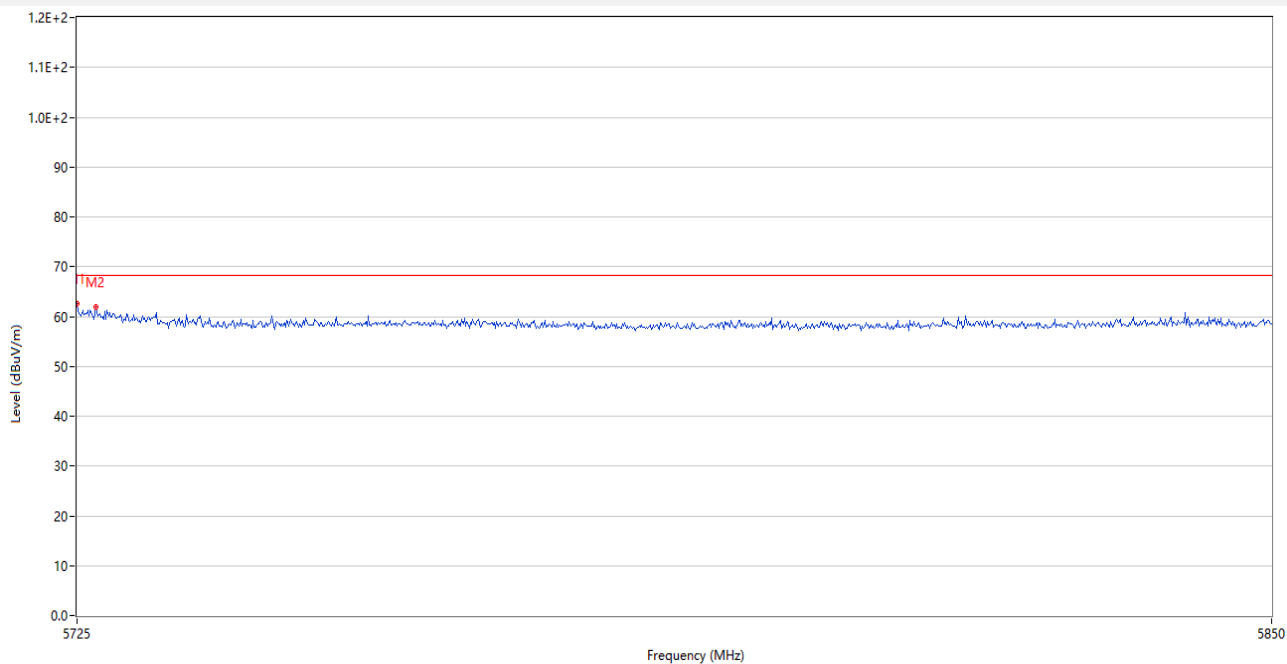
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.00	6.57	68.2	6.20	Peak	117.00	150	Vertical	Pass
2	5727.625	63.37	6.50	68.2	4.83	Peak	114.00	150	Vertical	Pass

U-NII-2C 11ac20 CH100



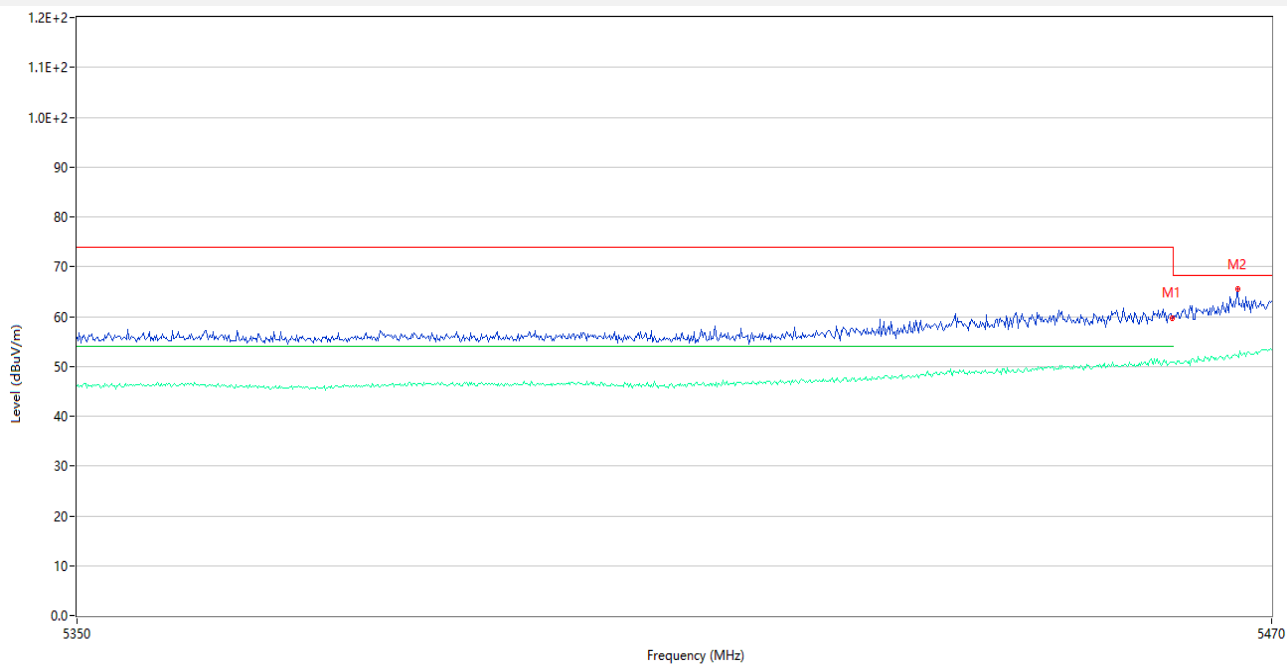
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.78	5.38	68.2	10.42	Peak	118.34	150	Vertical	Pass
1**	5460.000	48.37	5.38	54.0	5.63	AV	118.34	150	Vertical	Pass
2	5468.320	61.31	5.75	68.2	6.89	Peak	114.00	150	Vertical	Pass
2**	5468.320	49.80	5.75	--	-49.80	AV	114.00	150	Vertical	N/A

U-NII-2C 11ac20 CH140



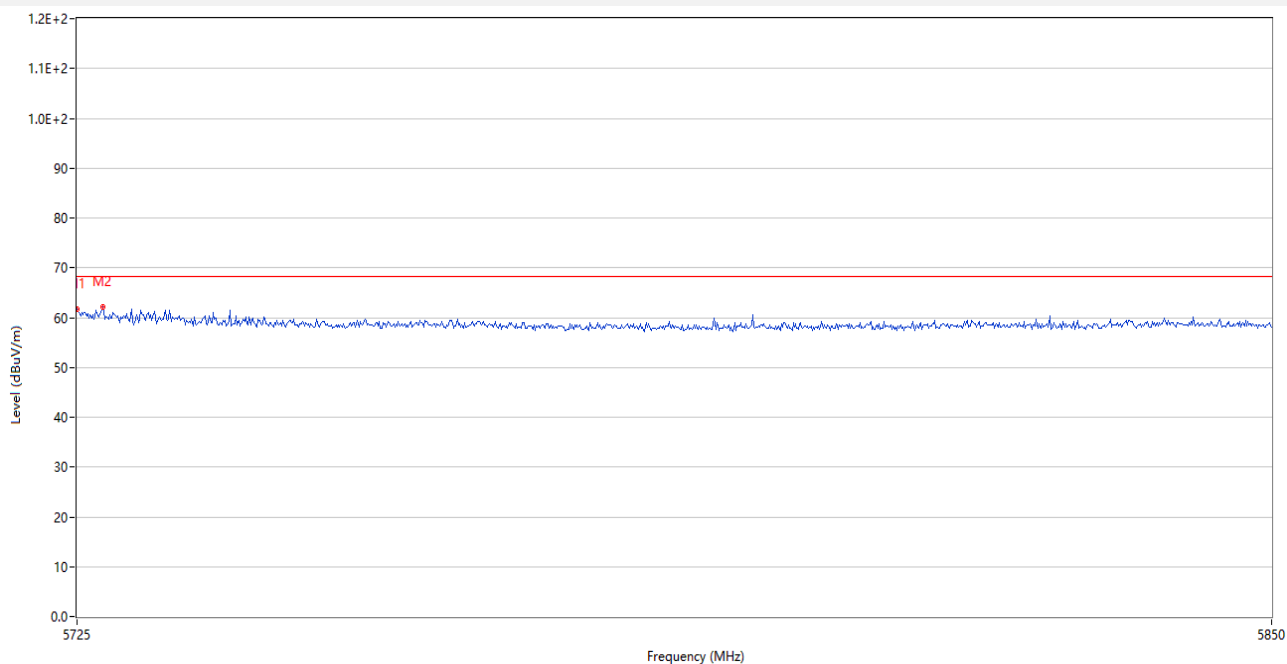
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.53	6.57	68.2	5.67	Peak	124.00	150	Vertical	Pass
2	5727.000	61.92	6.52	68.2	6.28	Peak	123.00	150	Vertical	Pass

U-NII-2C 11ac40 CH102



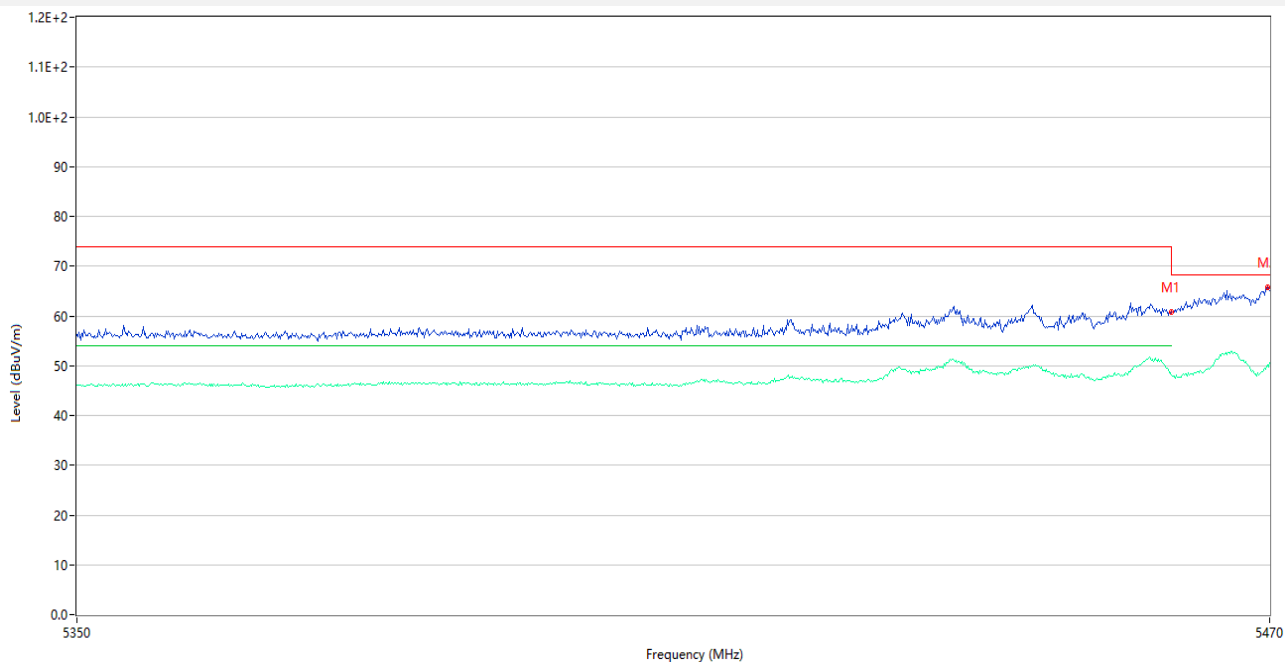
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.76	5.38	68.2	8.44	Peak	119.34	150	Vertical	Pass
1**	5460.000	50.86	5.38	54.0	3.14	AV	119.34	150	Vertical	Pass
2	5466.520	65.53	5.63	68.2	2.67	Peak	117.00	150	Vertical	Pass
2**	5466.520	52.08	5.63	--	-52.08	AV	117.00	150	Vertical	N/A

U-NII-2C 11ac40 CH134



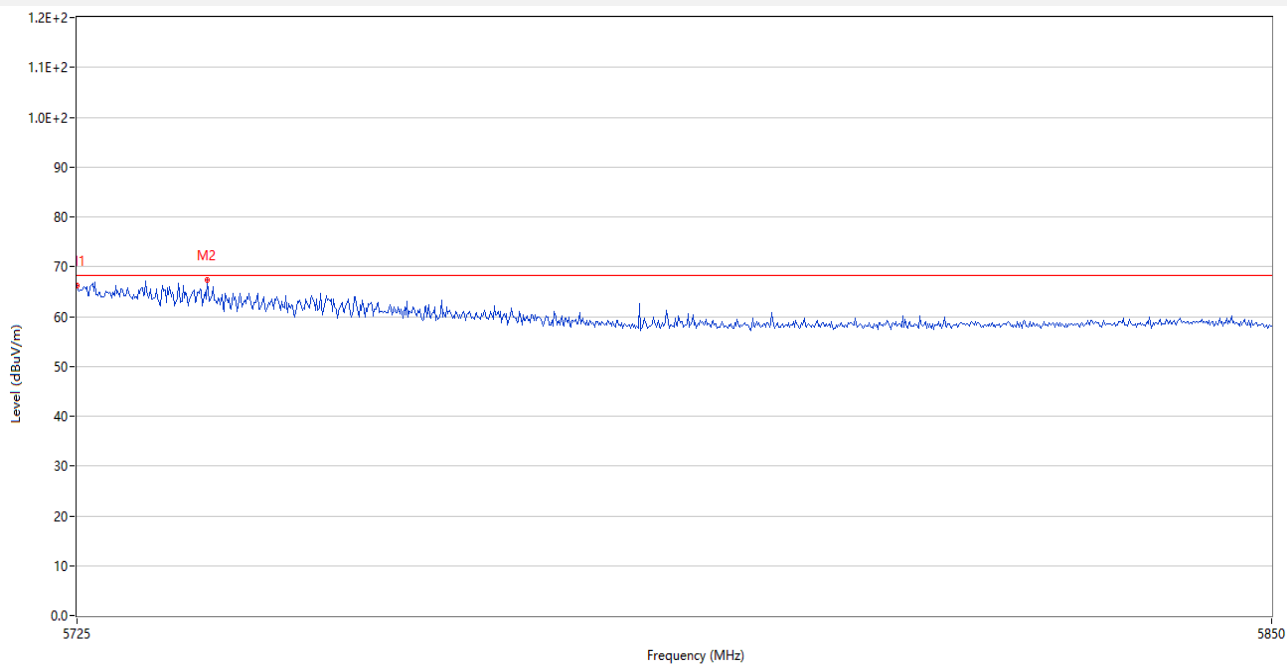
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.61	6.57	68.2	6.59	Peak	120.00	150	Vertical	Pass
2	5727.625	62.26	6.50	68.2	5.94	Peak	119.00	150	Vertical	Pass

U-NII-2C 11ac80 CH106



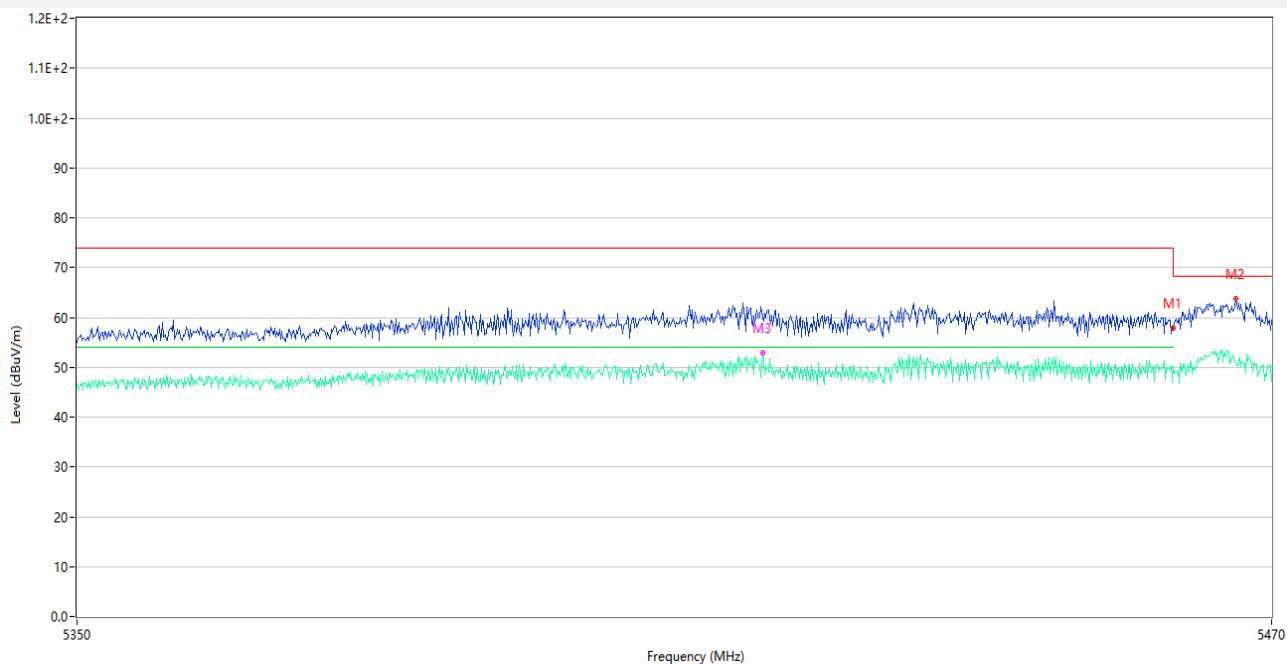
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	60.73	5.38	68.2	7.47	Peak	125.00	150	Vertical	Pass
1**	5460.000	48.33	5.38	54.0	5.67	AV	125.00	150	Vertical	Pass
2	5469.760	65.80	5.80	68.2	2.40	Peak	124.00	150	Vertical	Pass
2**	5469.760	50.08	5.80	--	-50.08	AV	124.00	150	Vertical	N/A

U-NII-2C 11ac80 CH122



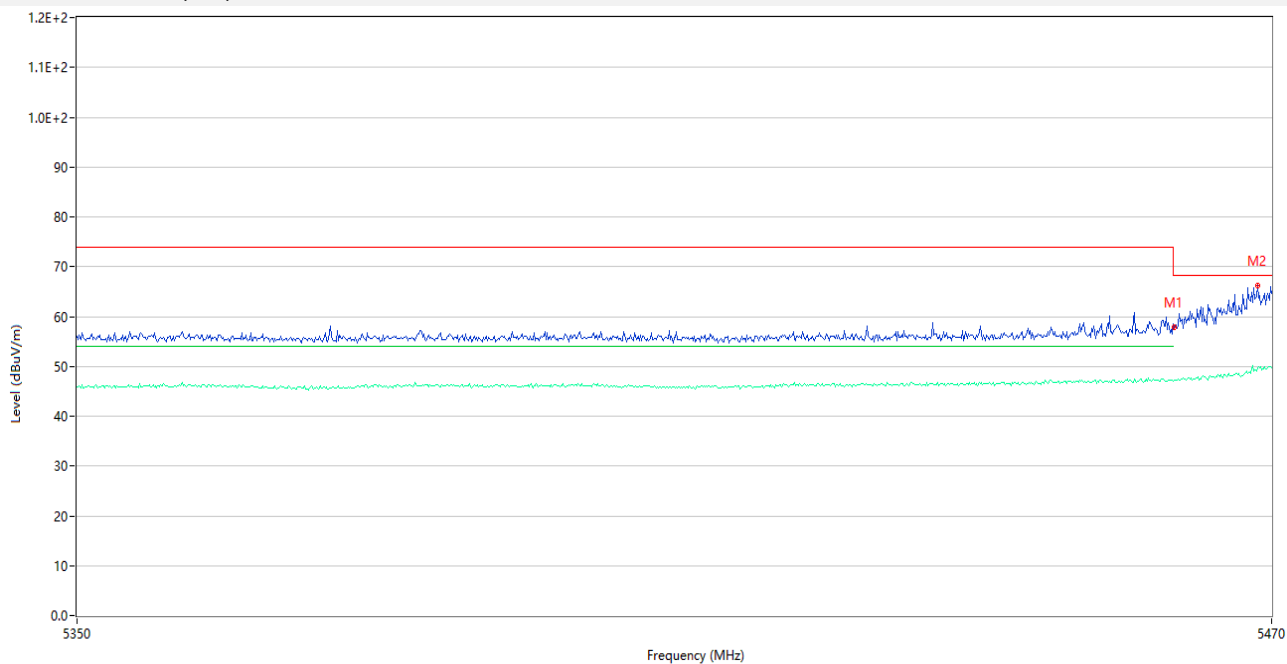
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	66.10	6.57	68.2	2.10	Peak	127.00	150	Vertical	Pass
2	5738.500	67.19	6.33	68.2	1.01	Peak	118.00	150	Vertical	Pass

U-NII-2C 11ac160 CH114



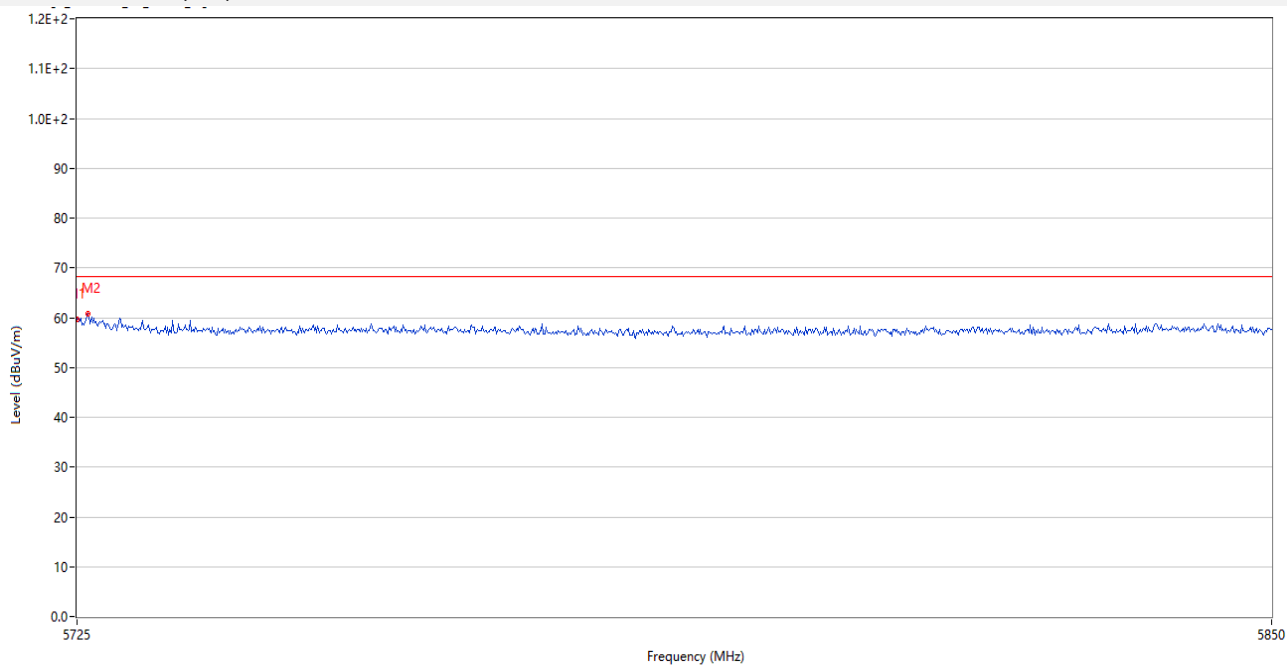
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.92	5.38	68.2	10.28	Peak	117.00	150	Vertical	Pass
1**	5460.000	49.04	5.38	54.0	4.96	AV	117.00	150	Vertical	Pass
2	5466.400	63.74	5.62	68.2	4.46	Peak	127.00	150	Vertical	Pass
2**	5466.400	50.87	5.62	--	-50.87	AV	127.00	150	Vertical	N/A
3	5418.520	60.04	5.25	74.0	13.96	Peak	112.00	150	Vertical	Pass
3**	5418.520	52.77	5.25	54.0	1.23	AV	112.00	150	Vertical	Pass

U-NII-2C 11ax20 (SU) CH100



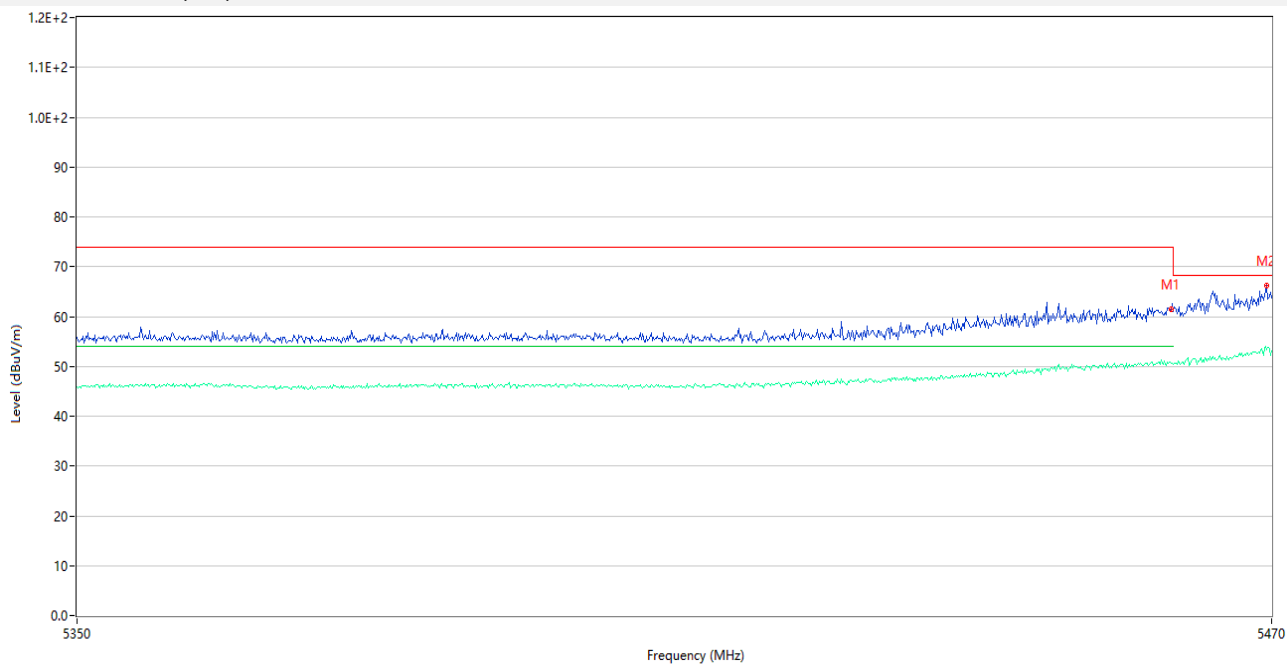
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.86	5.38	68.2	10.34	Peak	116.34	150	Vertical	Pass
1**	5460.000	47.08	5.38	54.0	6.92	AV	116.34	150	Vertical	Pass
2	5468.560	66.27	5.77	68.2	1.93	Peak	114.00	150	Vertical	Pass
2**	5468.560	49.82	5.77	--	-49.82	AV	114.00	150	Vertical	N/A

U-NII-2C 11ax20 (SU) CH140



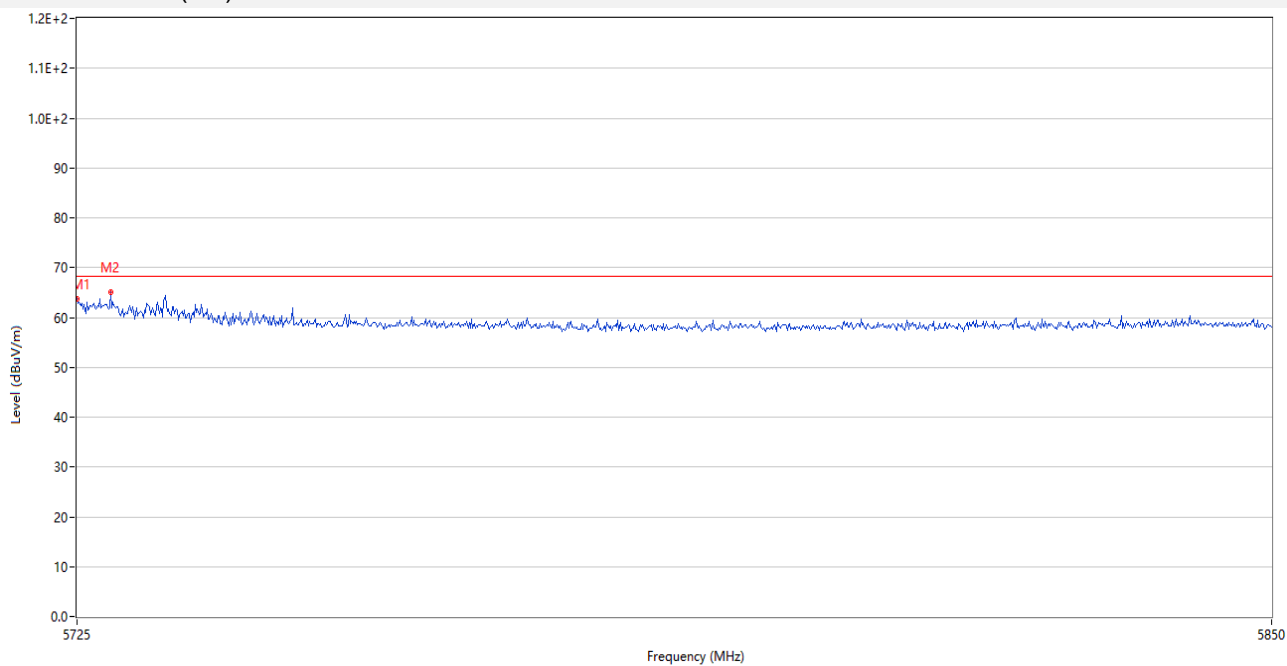
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.73	6.57	68.2	8.47	Peak	120.00	150	Vertical	Pass
2	5726.125	60.88	6.54	68.2	7.32	Peak	125.00	150	Vertical	Pass

U-NII-2C 11ax40 (SU) CH102



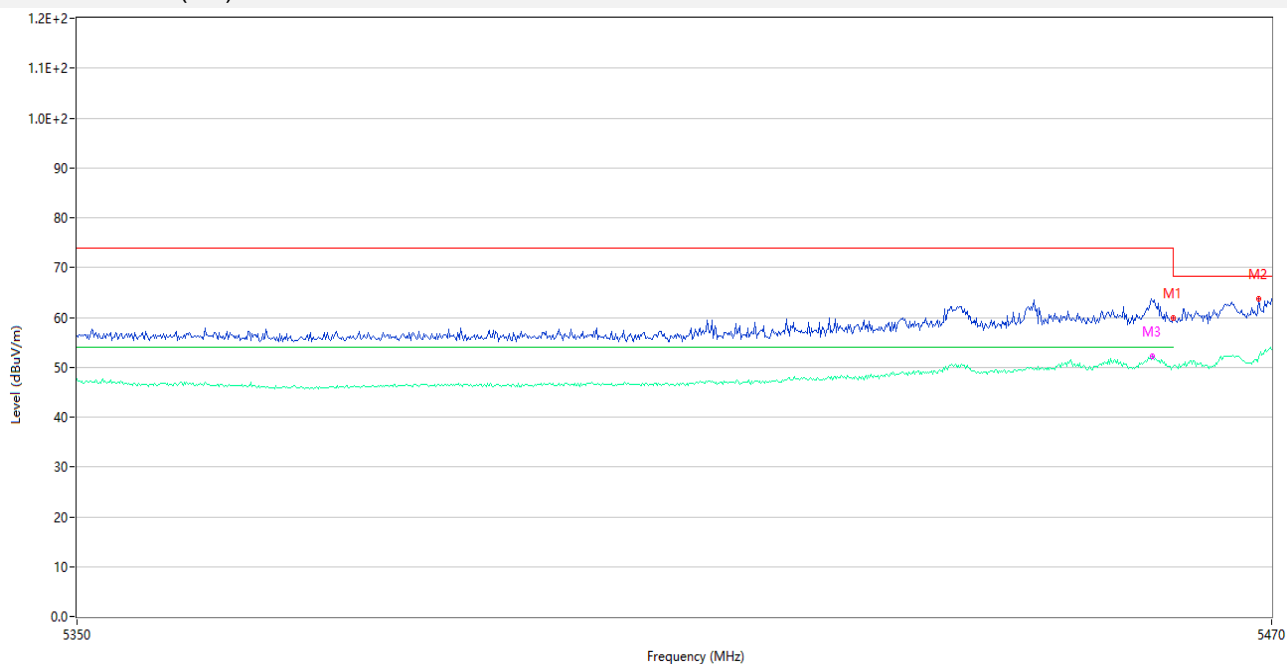
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	61.54	5.38	68.2	6.66	Peak	123.00	150	Vertical	Pass
1**	5460.000	50.54	5.38	54.0	3.46	AV	123.00	150	Vertical	Pass
2	5469.520	66.11	5.80	68.2	2.09	Peak	129.00	150	Vertical	Pass
2**	5469.520	53.24	5.80	--	-53.24	AV	129.00	150	Vertical	N/A

U-NII-2C 11ax40 (SU) CH134



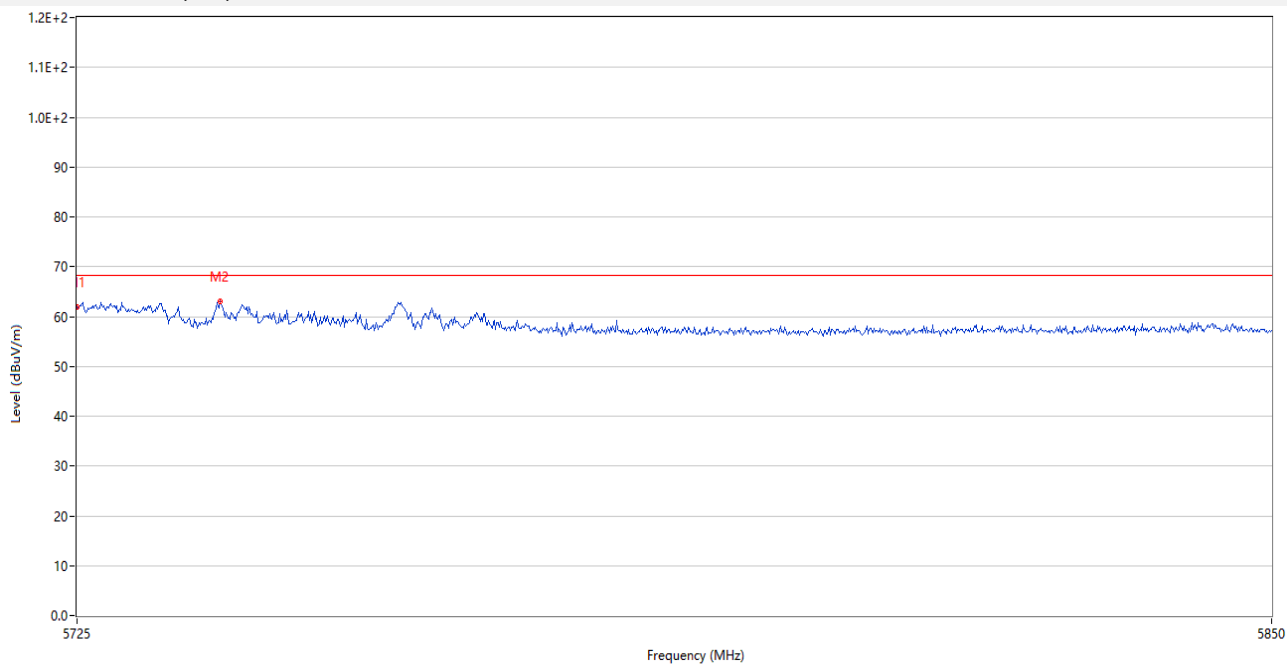
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	63.68	6.57	68.2	4.52	Peak	117.00	150	Vertical	Pass
2	5728.500	65.15	6.45	68.2	3.05	Peak	115.00	150	Vertical	Pass

U-NII-2C 11ax80 (SU) CH106



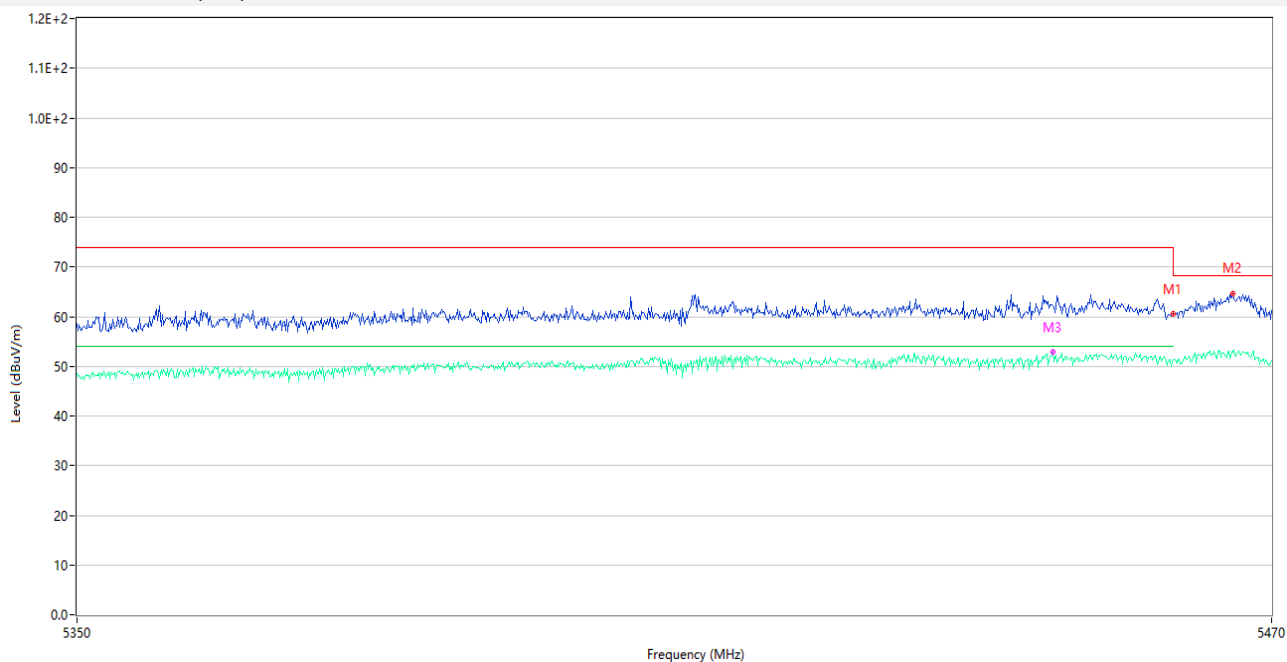
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.57	5.38	68.2	8.63	Peak	122.34	150	Vertical	Pass
1**	5460.000	50.13	5.38	54.0	3.87	AV	122.34	150	Vertical	Pass
2	5468.680	63.79	5.78	68.2	4.41	Peak	121.00	150	Vertical	Pass
2**	5468.680	52.12	5.78	--	-52.12	AV	121.00	150	Vertical	N/A
3	5457.880	63.25	5.46	74.0	10.75	Peak	125.00	150	Vertical	Pass
3**	5457.880	52.12	5.46	54.0	1.88	AV	125.00	150	Vertical	Pass

U-NII-2C 11ax80 (SU) CH122



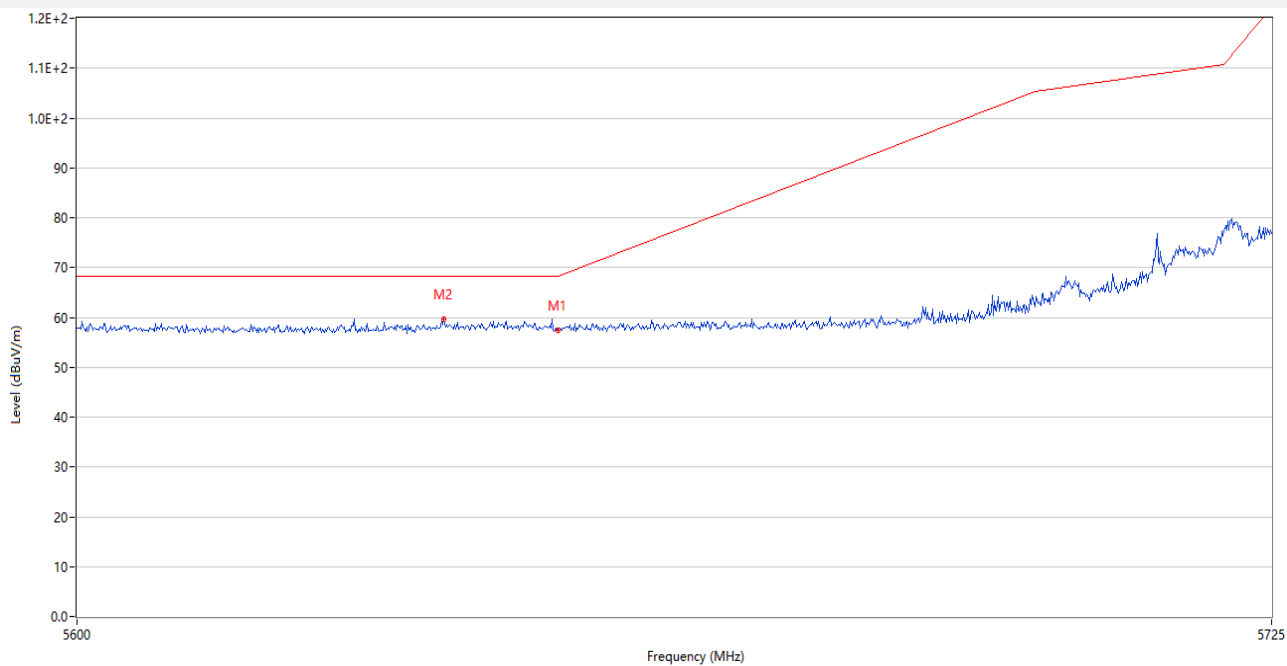
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.98	6.57	68.2	6.22	Peak	120.00	150	Vertical	Pass
2	5739.875	63.02	6.34	68.2	5.18	Peak	123.00	150	Vertical	Pass

U-NII-2C 11ax160 (SU) CH114



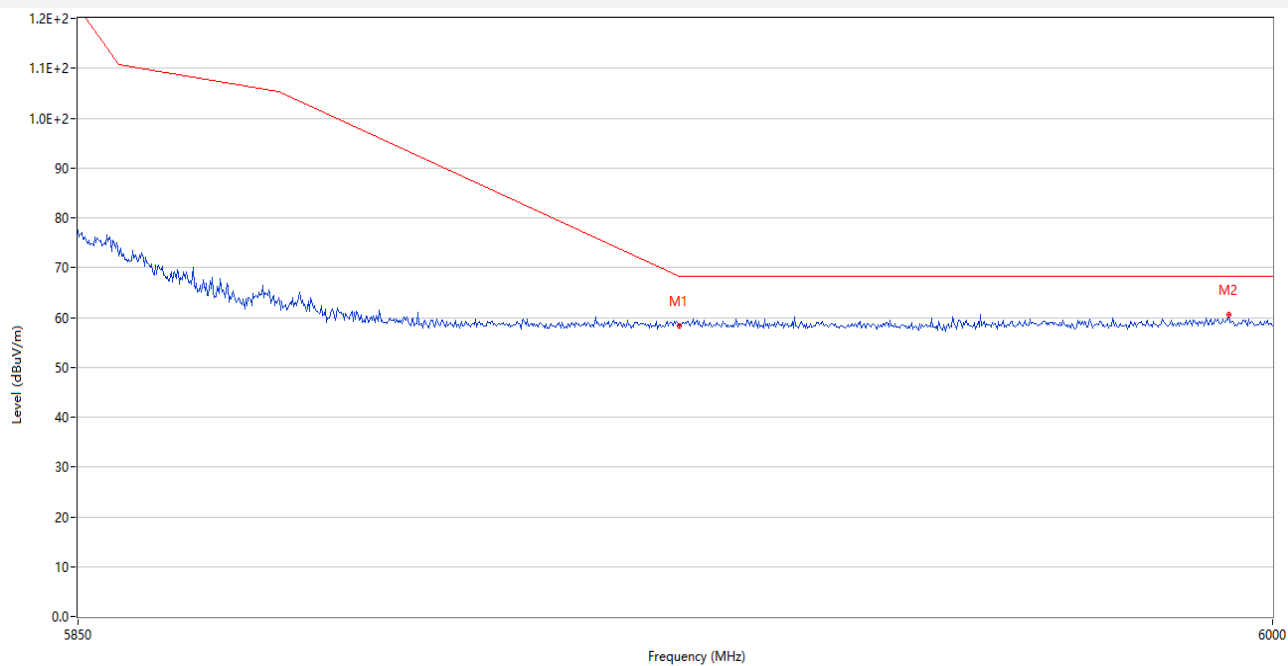
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	60.56	5.38	68.2	7.64	Peak	121.66	150	Vertical	Pass
1**	5460.000	51.11	5.38	54.0	2.89	AV	121.66	150	Vertical	Pass
2	5466.040	64.73	5.62	68.2	3.47	Peak	117.00	150	Vertical	Pass
2**	5466.040	52.84	5.62	--	-52.84	AV	117.00	150	Vertical	N/A
3	5447.800	62.21	5.60	74.0	11.79	Peak	117.00	150	Vertical	Pass
3**	5447.800	52.86	5.60	54.0	1.14	AV	117.00	150	Vertical	Pass

U-NII-3 11a CH149



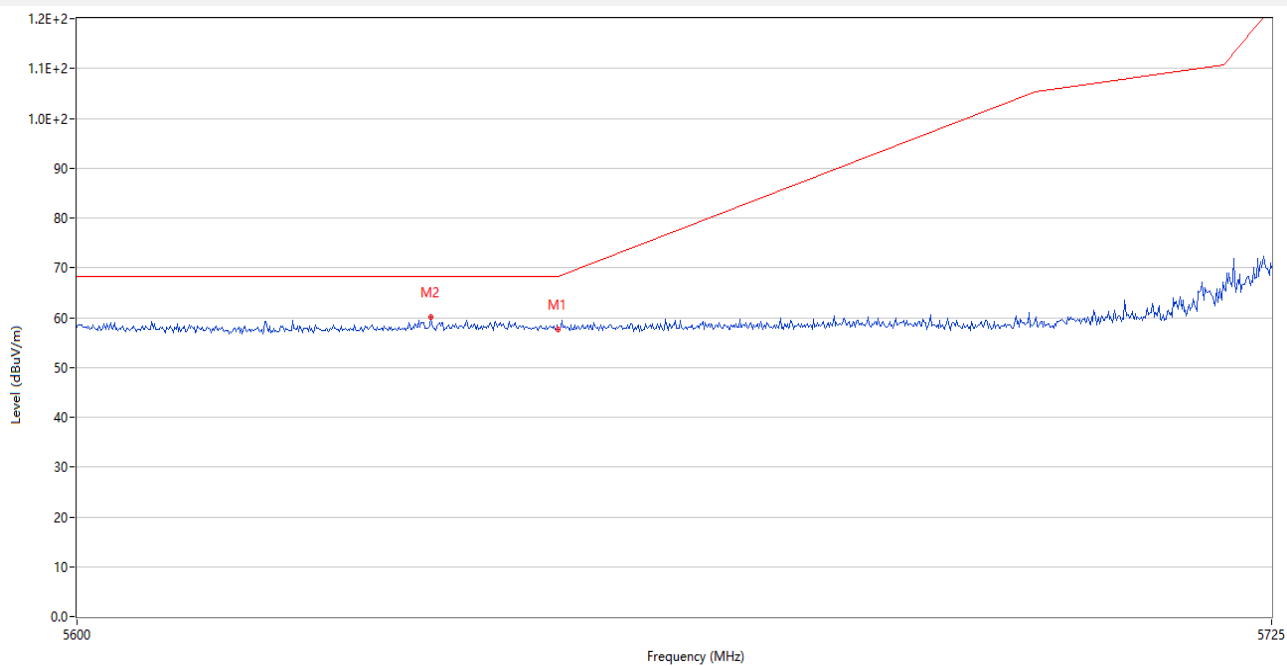
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.42	5.94	68.2	10.78	Peak	349.72	150	Horizontal	Pass
2	5638.125	59.67	5.90	68.2	8.53	Peak	219.00	150	Horizontal	Pass

U-NII-3 11a CH165



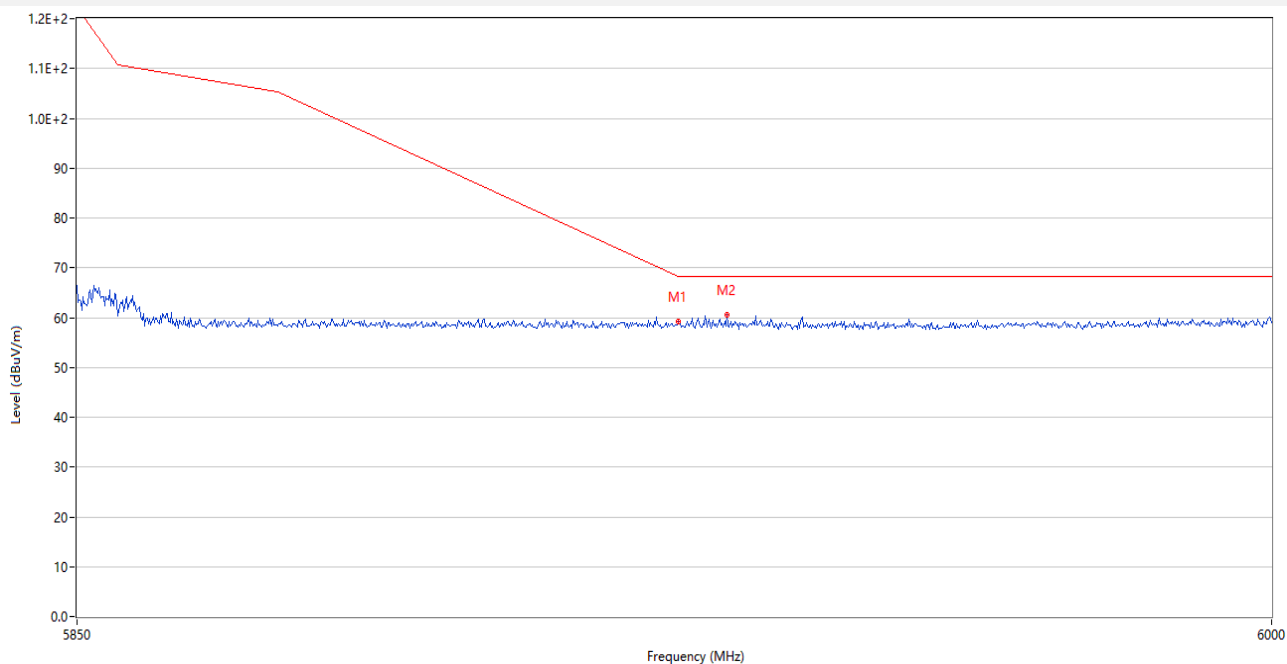
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.36	7.83	68.2	9.84	Peak	356.57	150	Vertical	Pass
2	5994.450	60.51	8.00	68.2	7.69	Peak	46.00	150	Vertical	Pass

U-NII-3 11ac20 CH149



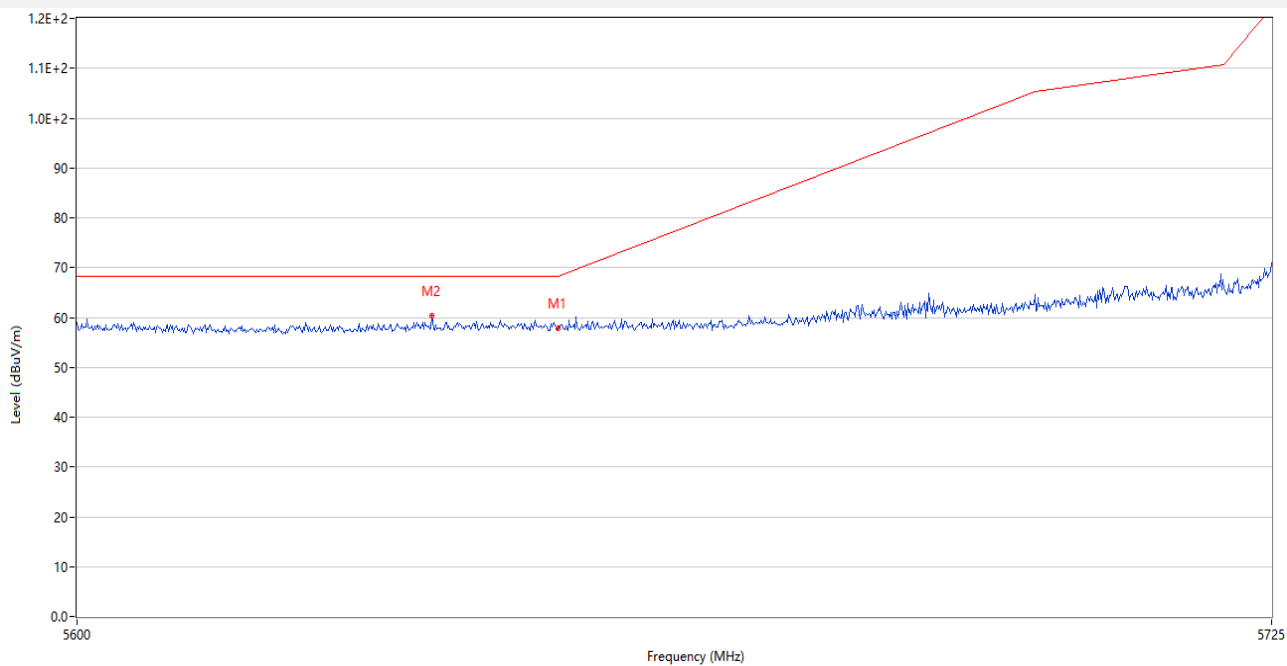
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.61	5.94	68.2	10.59	Peak	120.25	150	Vertical	Pass
2	5636.750	60.14	5.88	68.2	8.06	Peak	118.00	150	Vertical	Pass

U-NII-3 11ac20 CH165



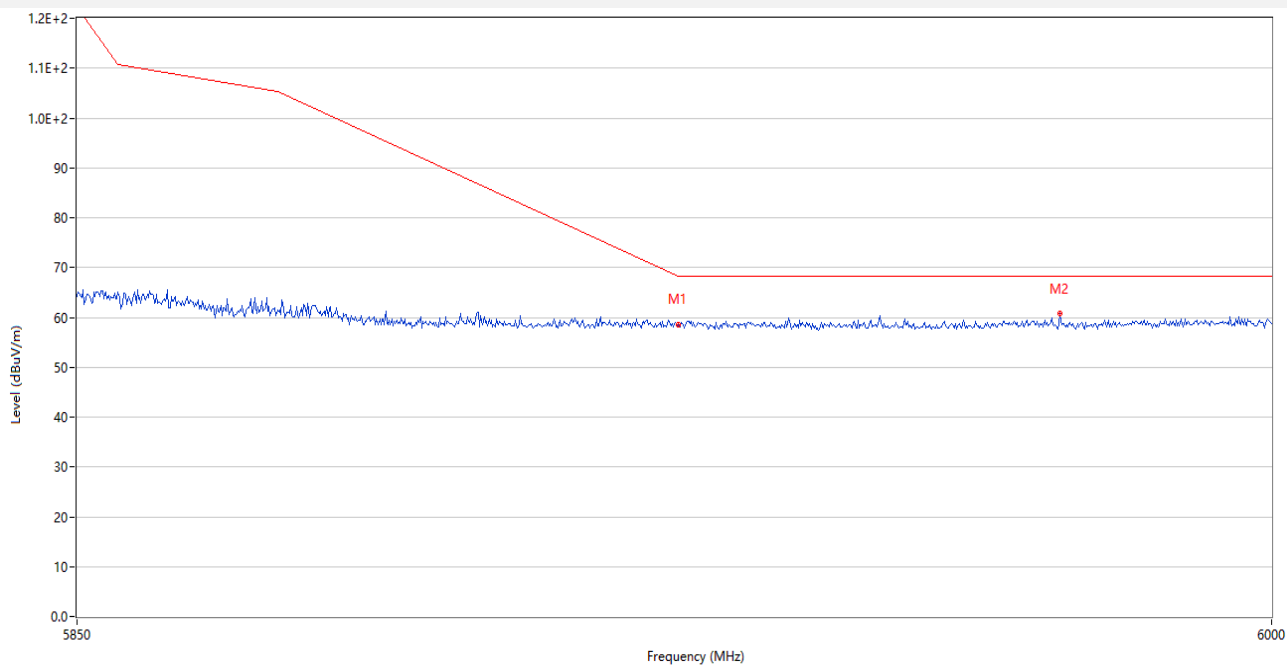
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	59.13	7.83	68.2	9.07	Peak	91.99	150	Horizontal	Pass
2	5931.150	60.57	7.67	68.2	7.63	Peak	241.00	150	Horizontal	Pass

U-NII-3 11ac40 CH151



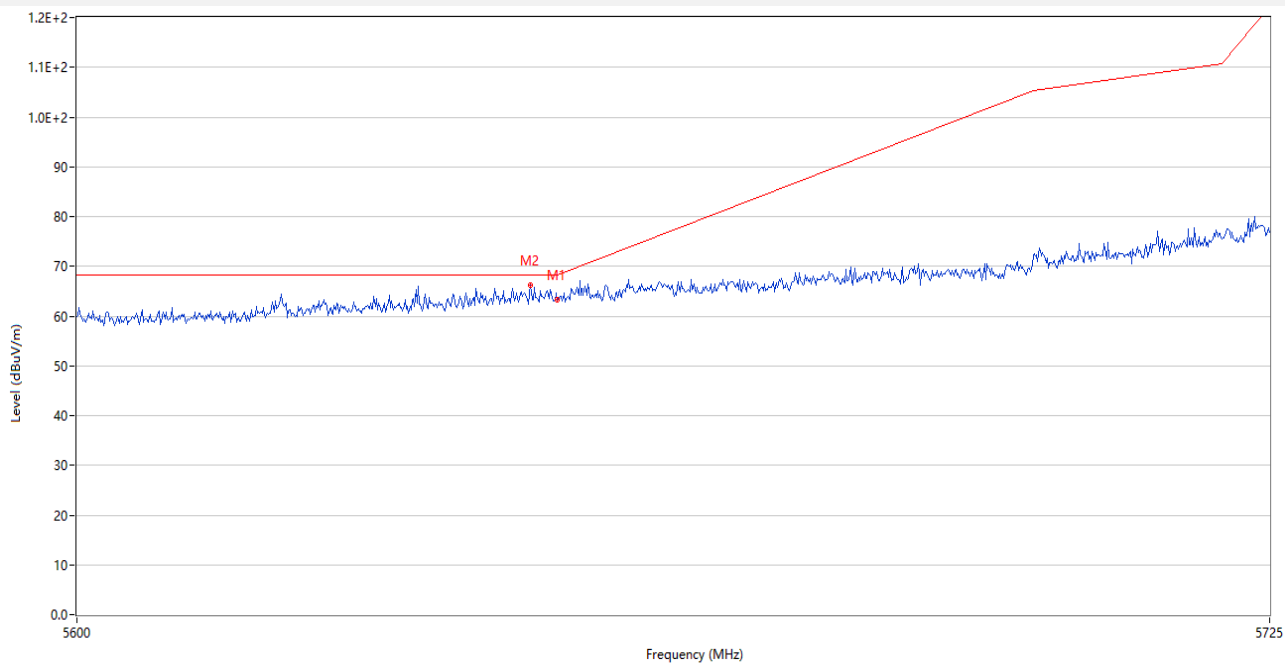
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.78	5.94	68.2	10.42	Peak	88.04	150	Vertical	Pass
2	5636.875	60.29	5.88	68.2	7.91	Peak	124.00	150	Vertical	Pass

U-NII-3 11ac40 CH159



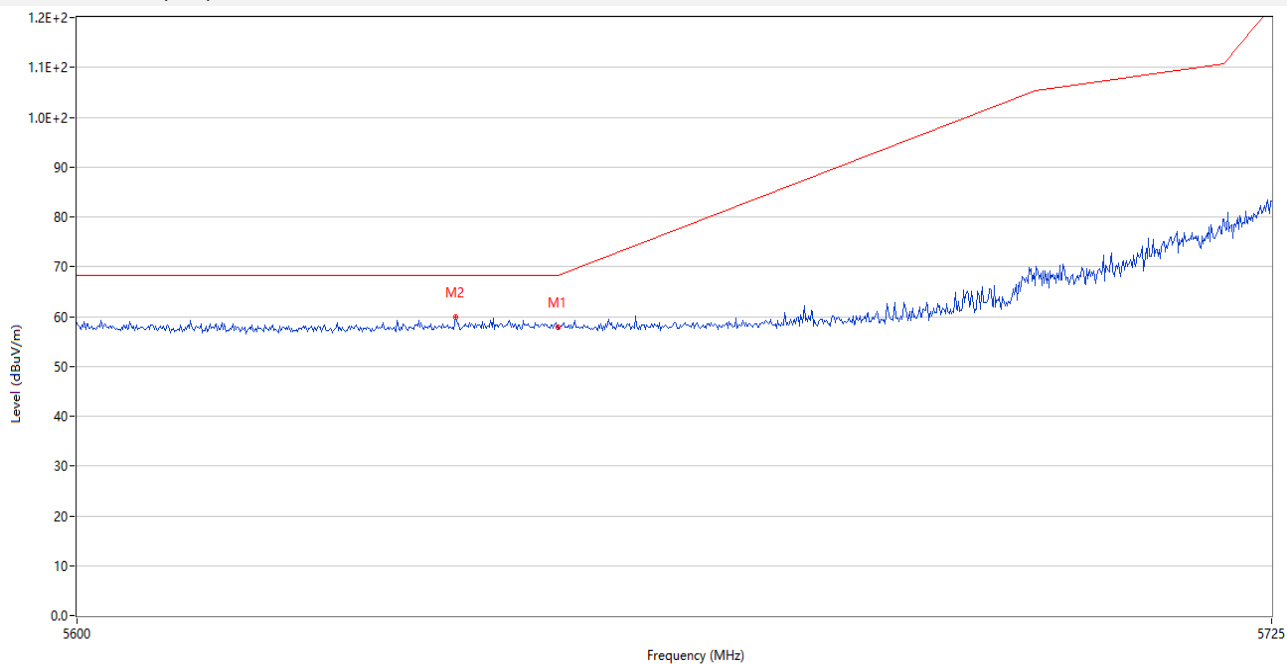
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.64	7.83	68.2	9.56	Peak	32.18	150	Vertical	Pass
2	5973.150	60.77	7.50	68.2	7.43	Peak	360.00	150	Vertical	Pass

U-NII-3 11ac80 CH155



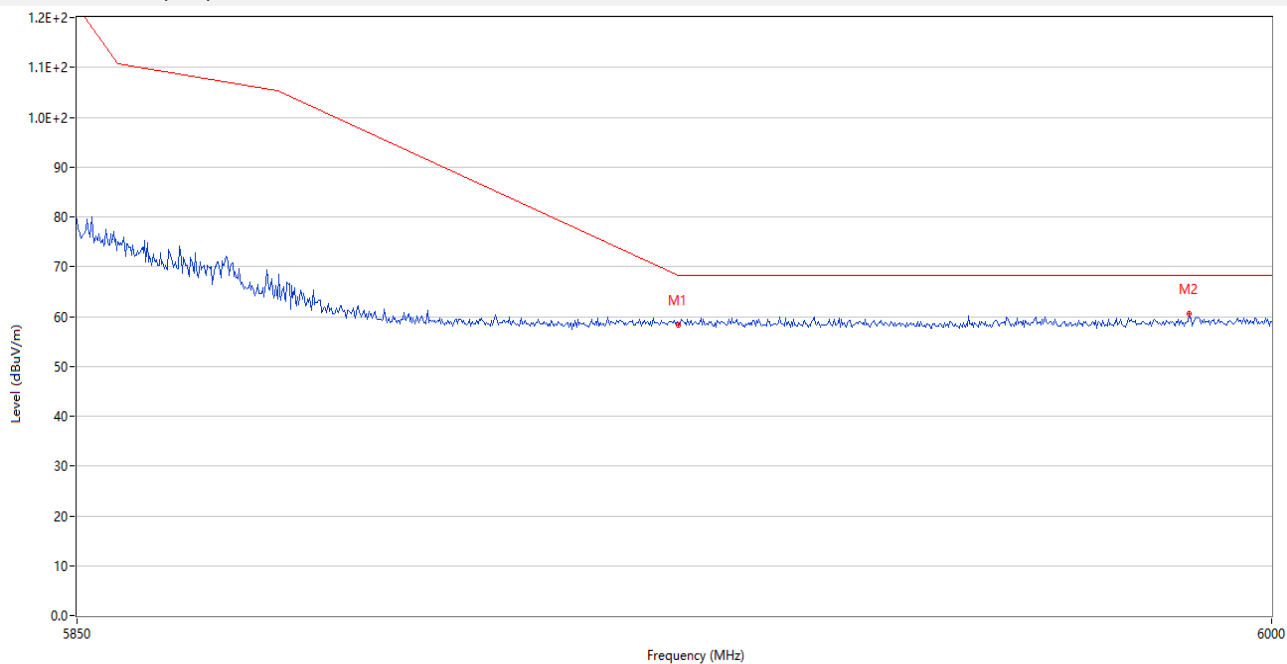
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	59.78	5.94	68.2	8.42	Peak	327.89	150	Vertical	Pass
2	5647.250	66.19	5.95	68.2	2.01	Peak	119.00	150	Vertical	Pass

U-NII-3 11ax20 (SU) CH149



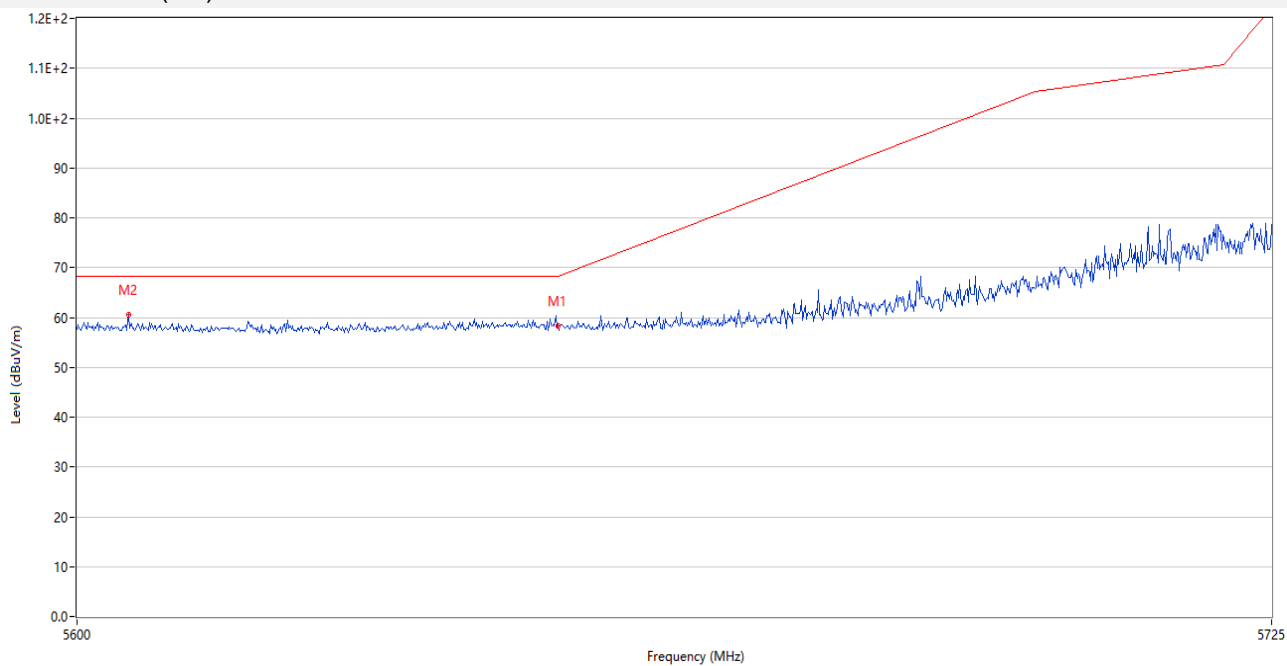
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.79	5.94	68.2	10.41	Peak	97.07	150	Horizontal	Pass
2	5639.375	59.86	5.90	68.2	8.34	Peak	327.00	150	Horizontal	Pass

U-NII-3 11ax20 (SU) CH165



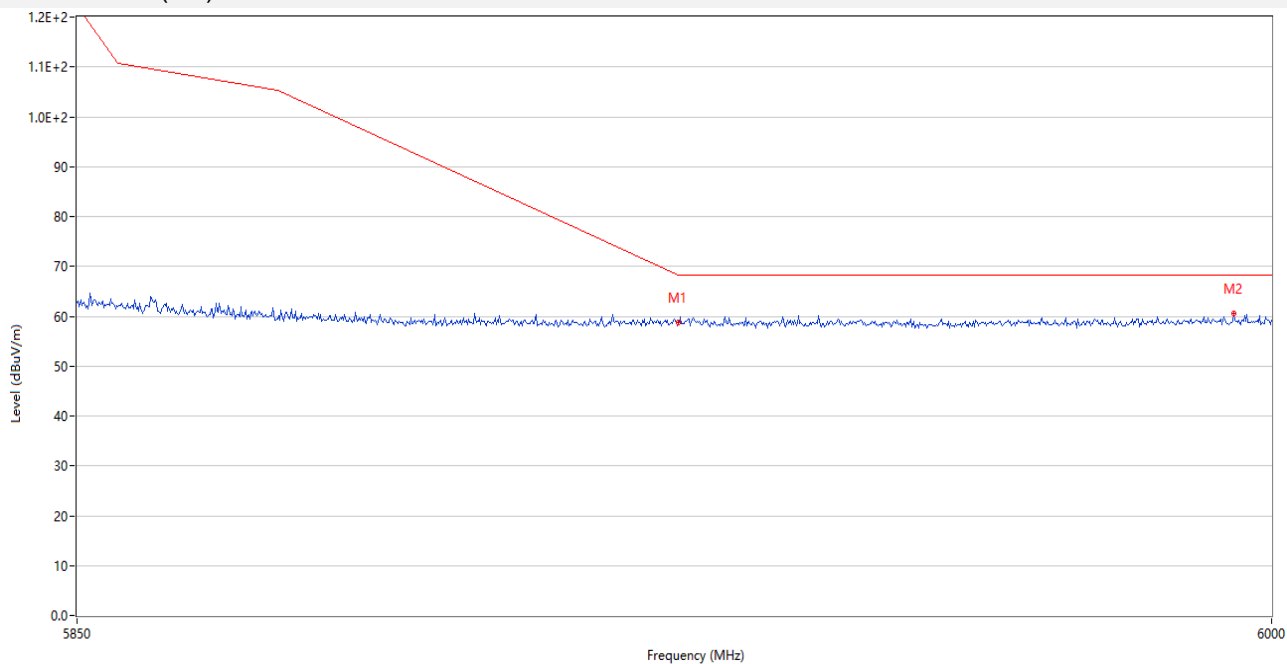
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.38	7.83	68.2	9.82	Peak	105.18	150	Vertical	Pass
2	5989.500	60.58	7.93	68.2	7.62	Peak	138.00	150	Vertical	Pass

U-NII-3 11ax40 (SU) CH151



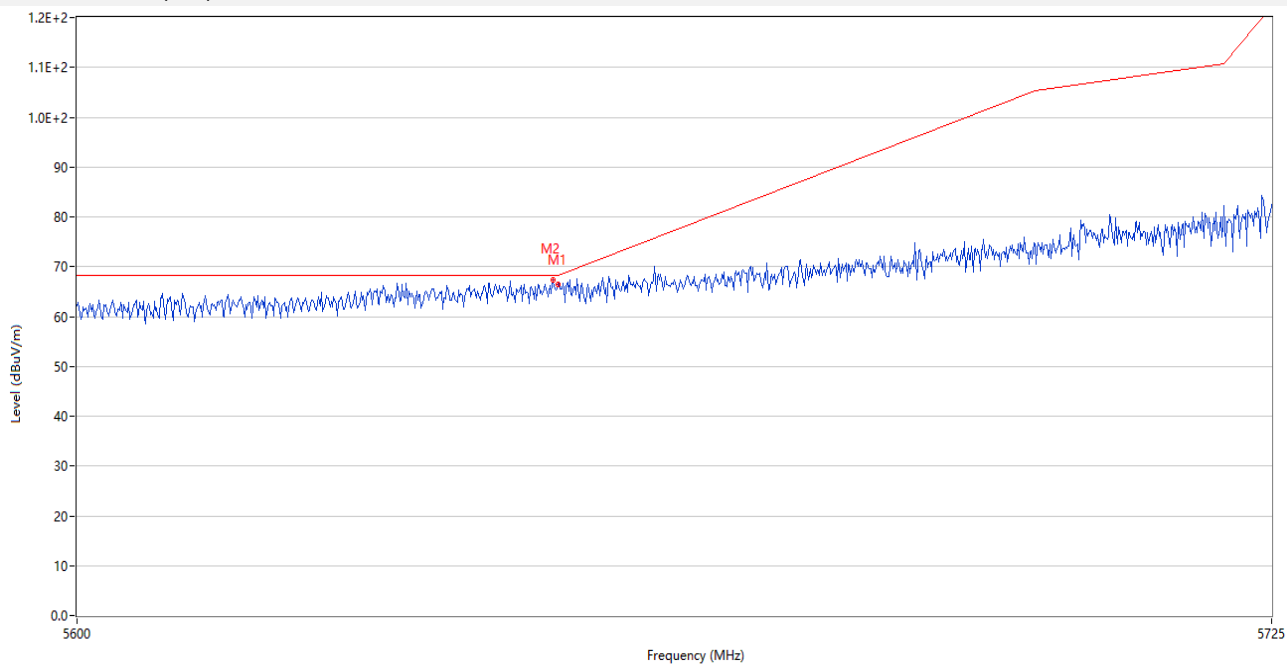
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.30	5.94	68.2	9.90	Peak	284.99	150	Vertical	Pass
2	5605.375	60.67	5.89	68.2	7.53	Peak	120.00	150	Vertical	Pass

U-NII-3 11ax40 (SU) CH159



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.75	7.83	68.2	9.45	Peak	24.97	150	Horizontal	Pass
2	5995.200	60.52	8.00	68.2	7.68	Peak	354.00	150	Horizontal	Pass

U-NII-3 11ax80 (SU) CH155



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	66.52	5.94	68.2	1.68	Peak	118.00	150	Vertical	Pass
2	5649.500	67.25	5.95	68.2	0.95	Peak	125.00	150	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SH2490675-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SH2490675-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SH2490675-AI.PDF”.

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1. The Testing Center guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. For the report with Accreditation Symbol, the items marked with "☆" are not within the accredited scope.
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6. Any objection shall be raised to the Testing Center within 30 days after receiving the report.

--END OF REPORT--