

TEST REPORT

Applicant: TECNO MOBILE LIMITED
Address: FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL
CENTRE 19-25 SHAN MEI STREET FOTAN NT
HONGKONG
Equipment Type: Mobile phone
Model Name: CLA5
Brand Name: TECNO
FCC ID: 2ADYY-CLA5
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Jun. 25, 2024
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Date of Issue: Aug. 14, 2024

ISSUED BY:

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Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Aug. 14, 2024</u>	<u>Initial Issue</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	TECNO MOBILE LIMITED
Address	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

2.2 Manufacturer Information

Manufacturer	TECNO MOBILE LIMITED
Address	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile phone
Model Name Under Test	CLA5
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	N/A
Software Version	N/A
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/1900 3G Network WCDMA/HSDPA/HSUPA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/17/66 LTE TDD Band 38/41 Bluetooth (BR+EDR+BLE) WIFI 802.11a, 802.11b, 802.11g, 802.11n(HT20/40) and 802.11ac(VHT20/40/80) GPS, GLONASS, BDS, Galileo, SBAS, FM Receiver, NFC
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz	
Product Type	☐ Mobile ☒ Portable ☐ Fix Location	
Modulation technology	OFDM	
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK	
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9	
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz	
Maximum Output Power	U-NII-1: 9.66 mW U-NII-2A: 10.59 mW U-NII-2C: 11.83 mW U-NII-3: 10.86 mW	
Antenna System (eg., MIMO, Smart Antenna)	N/A	
Categorization as Correlated or Completely Uncorrelated	N/A	
Antenna Type	SISO- Antenna 0 SISO- Antenna 1	PIFA Antenna
Antenna Gain	Main Antenna Aux.	U-NII-1: 5150 MHz to 5250 MHz: -2.31 dBi U-NII-2A: 5250 MHz to 5350 MHz: -2.31 dBi U-NII-2C: 5470 MHz to 5725 MHz: -2.31 dBi U-NII-3: 5725 MHz to 5850 MHz: -2.31 dBi U-NII-1: 5150 MHz to 5250 MHz: -3.19 dBi

	Antenna	U-NII-2A: 5250 MHz to 5350 MHz: -3.19 dBi U-NII-2C: 5470 MHz to 5725 MHz: -3.19 dBi U-NII-3: 5725 MHz to 5850 MHz: -3.19 dBi
Total directional gain	For power spectral density(PSD)) measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: -0.27 dBi U-NII-2A: 5250 MHz to 5350 MHz: -0.27 dBi U-NII-2C: 5470 MHz to 5725 MHz: -0.27 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.27 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: -2.73 dBi U-NII-2A: 5250 MHz to 5350 MHz: -2.73 dBi U-NII-2C: 5470 MHz to 5725 MHz: -2.73 dBi U-NII-3: 5725 MHz to 5850 MHz: -2.73 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / NANT]$ dBi
	For power measurements	Correlated: U-NII-1: 5150 MHz to 5250 MHz: -0.27 dBi U-NII-2A: 5250 MHz to 5350 MHz: -0.27 dBi U-NII-2C: 5470 MHz to 5725 MHz: -0.27 dBi U-NII-3: 5725 MHz to 5850 MHz: -0.27 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / NANT]$ dBi Uncorrelated: U-NII-1: 5150 MHz to 5250 MHz: -2.73 dBi U-NII-2A: 5250 MHz to 5350 MHz: -2.73 dBi U-NII-2C: 5470 MHz to 5725 MHz: -2.73 dBi U-NII-3: 5725 MHz to 5850 MHz: -2.73 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / NANT]$ dBi
About the Product	The equipment is Mobile Phone, 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	122	5610
52	5260	102	5510	155	5775
56	5280	110	5550		
60	5300	118	5590		
64	5320	126	5630		
100	5500	134	5670		
104	5520	151	5755		
108	5540	159	5795		
112	5560				
116	5580				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
149	5745				
153	5765				
157	5785				
161	5805				
165	5825				

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

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

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

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

For 802.11n(HT40)/ac(VHT40)

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

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

For 802.11ac(VHT80)

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

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

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

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	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.	Test Result	Verdict
1	Antenna Requirement	15.203	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	ANNEX A.4	Pass
6	Conducted Emission	15.207	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	ANNEX A.6	Pass

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

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

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	53% to 65%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.1℃ to +26.2℃
Working Voltage of the EUT	NV (Normal Voltage)	3.87 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2024.05.08	2025.05.07
Spectrum Analyzer	KEYSIGHT	N9020A	MY50531259	2023.09.05	2024.09.04
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2024.05.22	2025.05.21
Test Antenna-Horn	SCHWARZBECK	BBHA 9120D	2460	2024.05.16	2027.05.15
Test Antenna-Horn	A-INFO	LB-180400KF	J211060273	2024.06.15	2027.06.14
Anechoic Chamber	RAINFORD	9m*6m*6m	140	2022.02.19	2024.08.15
Amplifier	COM-MV	ZT30-1000M	07210897	2023.09.05	2024.09.04
Amplifier	COM-MV	LSCX_LNA1-12G-01	7210214	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	7210209	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2023.12.06	2024.12.05
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2024.01.23	2025.01.22
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60*7.35m	130	2021.08.15	2024.08.14
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.26	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04
LISN	SCHWARZBECK	NSLK 8127	8127-687	2024.05.08	2025.05.07
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m*2.8m	112	2022.02.19	2025.02.18

4.3 Test Software List

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

4.4 Measurement Uncertainty

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

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

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

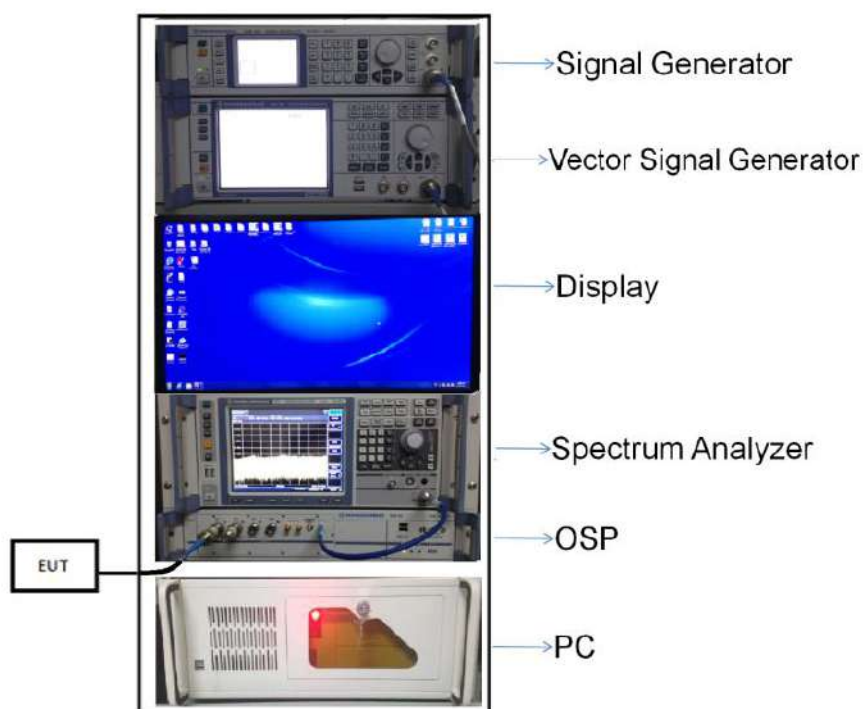
4.5 Description of Test Setup

4.5.1 For Antenna Port Test

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

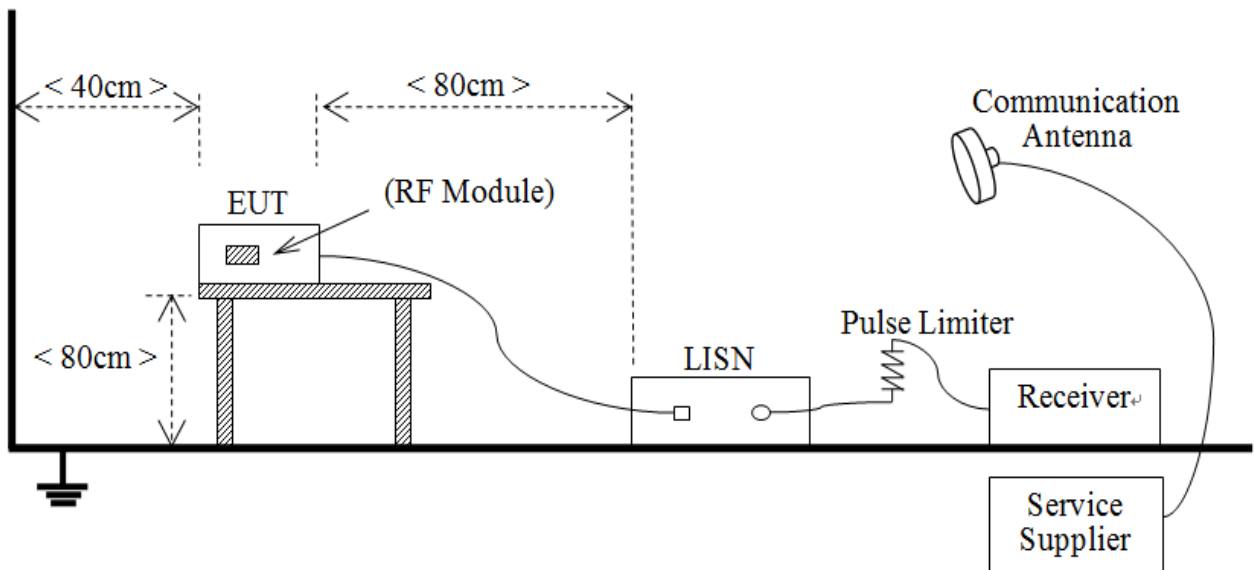
For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:

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



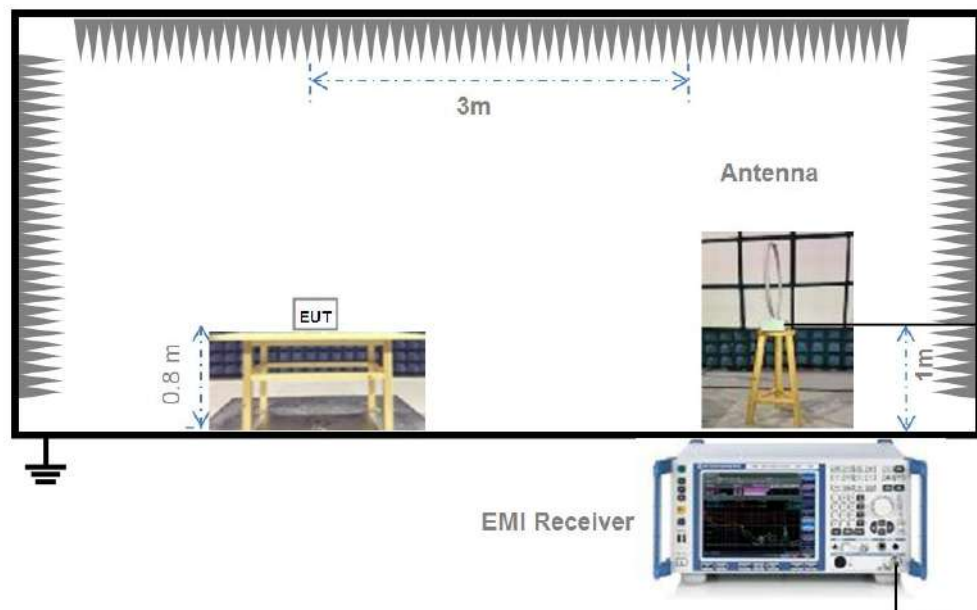
(Diagram 1)

4.5.2 For AC Power Supply Port Test



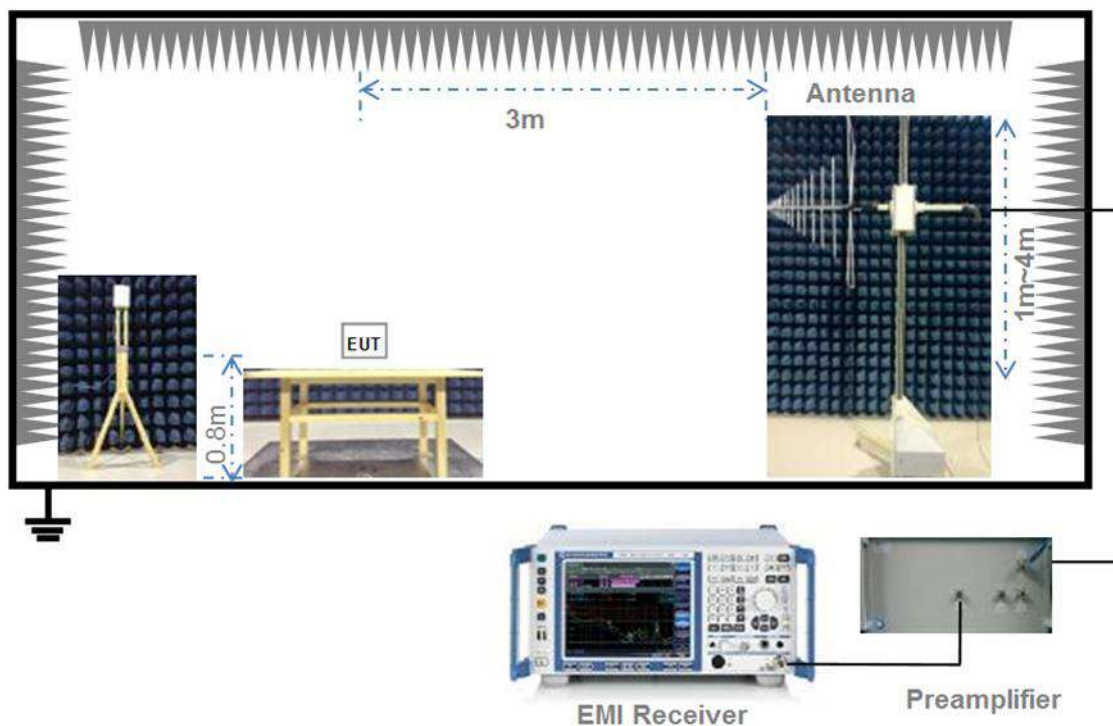
(Diagram 2)

4.5.3 For Radiated Test (Below 30 MHz)



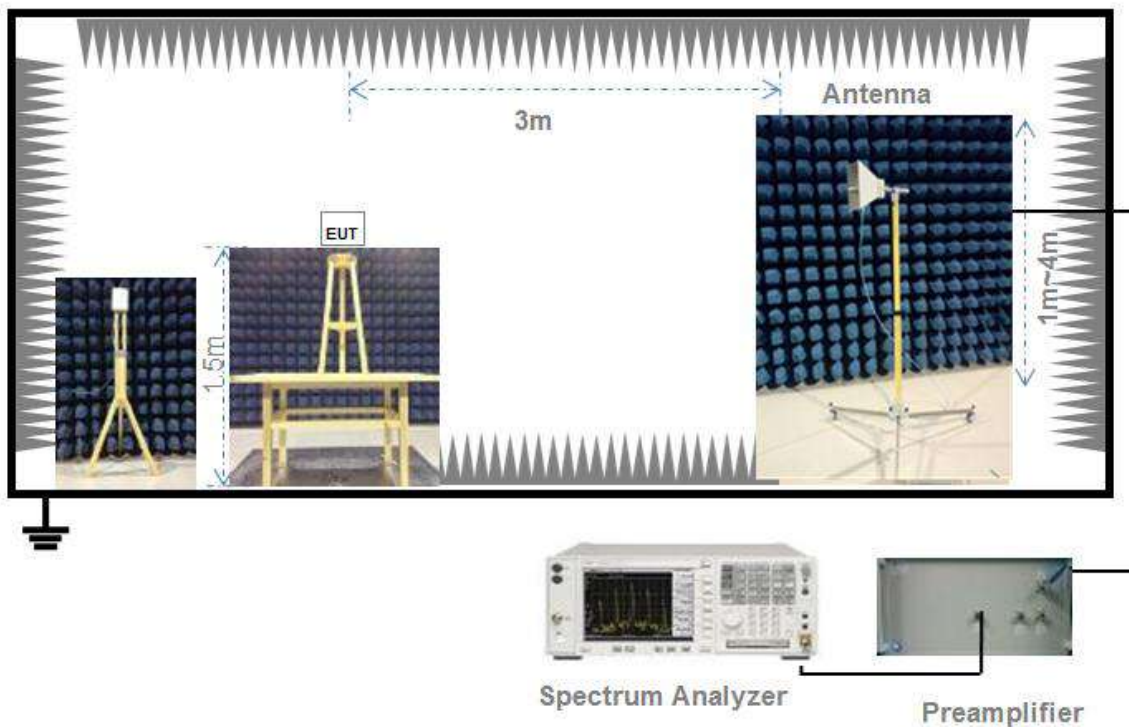
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

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

5.1.2 Test Setup

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

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

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

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

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

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 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 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq 3 \times$ 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, Detector = Peak.
4. Trace mode = Max hold.
5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.
2. Detector = Peak. Trace mode = Max hold.
3. Allow the trace to stabilize.
4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

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

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

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

5.3.2 Test Setup

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

5.3.3 Test Procedure

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

1. Set RBW = 510 kHz/1 MHz, VBW $\geq 3 \times$ RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 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 4.5.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

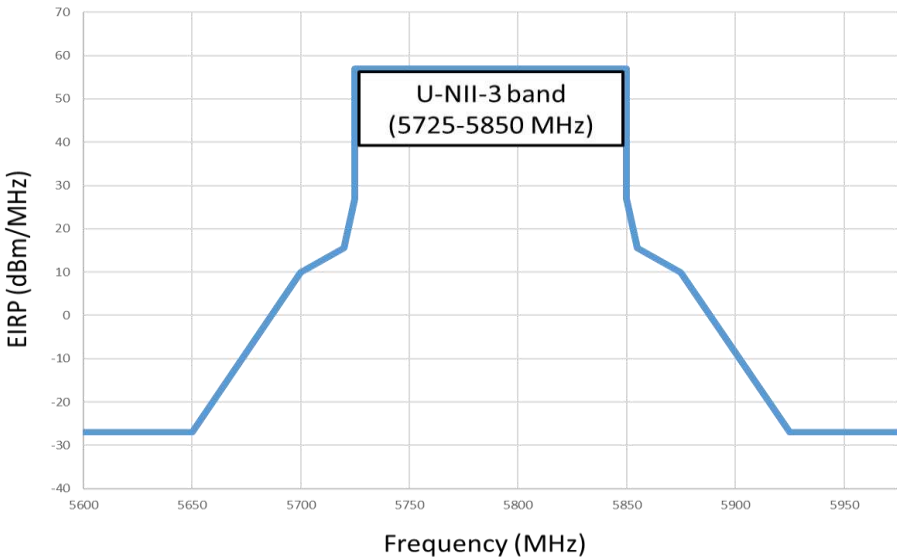
5.5.1 Limit

FCC §15.209 & 15.407(b)

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

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

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

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

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

- a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).
- c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).
- d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \text{EIRP} - 20\log D + 104.8$$

where:

E = electric field strength in dB μ V/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

- e) Compare the resultant electric field strength level to the applicable limit.
- f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable

emission limits using a peak detector.

Peak power measurement procedure

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

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

Table 1—RBW as a function of frequency

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

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

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

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

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

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

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

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

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

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

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

Determining the applicable transmit antenna gain

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

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

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

Radiated spurious emission test

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

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

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

The power of the EUT transmitting frequency should be ignored.

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

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured

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

VBW $\geq$ RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

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

Duty Cycle

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Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.39	1.43	96.65%
11n (HT20)	1.39	1.43	96.65%
11ac (VHT20)	1.39	1.43	96.65%
11n (HT40)	0.64	0.68	94.22%
1ac (VHT40)	0.64	0.68	94.22%
11ac (VHT80)	0.32	0.36	89.74%

SISO-Antenna 1

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.39	1.43	97.55%
11n (HT20)	1.30	1.34	97.08%
11ac (VHT20)	1.30	1.34	97.08%
11n (HT40)	0.65	0.68	94.84%
1ac (VHT40)	0.65	0.68	94.84%
11ac (VHT80)	0.32	0.36	90.14%

Test DataConducted PowerSISO Antenna 0

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	9.68	9.29	250	Pass
11a	CH44	9.29	8.49	250	Pass
11a	CH48	9.80	9.55	250	Pass
11n (HT20)	CH36	9.57	9.06	250	Pass
11n (HT20)	CH44	9.65	9.23	250	Pass
11n (HT20)	CH48	9.66	9.25	250	Pass
11n (HT40)	CH38	9.66	9.25	250	Pass
11n (HT40)	CH46	9.71	9.35	250	Pass
11ac (VHT20)	CH36	9.63	9.18	250	Pass
11ac (VHT20)	CH44	9.69	9.31	250	Pass
11ac (VHT20)	CH48	9.74	9.42	250	Pass
11ac (VHT40)	CH38	9.70	9.33	250	Pass
11ac (VHT40)	CH46	9.72	9.38	250	Pass
11ac (VHT80)	CH42	9.39	8.69	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	9.30	8.51	250	Pass
11a	CH60	8.70	7.41	250	Pass
11a	CH64	9.10	8.13	250	Pass
11n (HT20)	CH52	9.18	8.28	250	Pass
11n (HT20)	CH60	9.07	8.07	250	Pass
11n (HT20)	CH64	8.98	7.91	250	Pass
11n (HT40)	CH54	10.18	10.42	250	Pass
11n (HT40)	CH62	9.94	9.86	250	Pass
11ac (VHT20)	CH52	10.25	10.59	250	Pass
11ac (VHT20)	CH60	10.00	10.00	250	Pass
11ac (VHT20)	CH64	9.07	8.07	250	Pass
11ac (VHT40)	CH54	9.89	9.75	250	Pass
11ac (VHT40)	CH62	9.68	9.29	250	Pass
11ac (VHT80)	CH58	9.47	8.85	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	10.23	10.54	250	Pass
11a	CH116	10.17	10.40	250	Pass
11a	CH140	9.78	9.51	250	Pass
11n (HT20)	CH100	10.08	10.19	250	Pass
11n (HT20)	CH116	10.03	10.07	250	Pass
11n (HT20)	CH140	9.64	9.20	250	Pass
11n (HT40)	CH102	10.07	10.16	250	Pass
11n (HT40)	CH118	10.04	10.09	250	Pass
11n (HT40)	CH134	9.88	9.73	250	Pass
11ac (VHT20)	CH100	10.15	10.35	250	Pass
11ac (VHT20)	CH116	9.52	8.95	250	Pass
11ac (VHT20)	CH140	9.14	8.20	250	Pass
11ac (VHT40)	CH102	10.23	10.54	250	Pass
11ac (VHT40)	CH118	10.17	10.40	250	Pass
11ac (VHT40)	CH134	9.78	9.51	250	Pass
11ac (VHT80)	CH106	10.08	10.19	250	Pass
11ac (VHT80)	CH122	10.03	10.07	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.00	10.00	1000	Pass
11a	CH157	10.36	10.86	1000	Pass
11a	CH165	9.58	9.08	1000	Pass
11n (HT20)	CH149	9.97	9.93	1000	Pass
11n (HT20)	CH157	9.83	9.62	1000	Pass
11n (HT20)	CH165	9.23	8.38	1000	Pass
11n (HT40)	CH151	10.04	10.09	1000	Pass
11n (HT40)	CH159	9.89	9.75	1000	Pass
11ac (VHT20)	CH149	9.53	8.97	1000	Pass
11ac (VHT20)	CH157	9.91	9.79	1000	Pass
11ac (VHT20)	CH165	9.31	8.53	1000	Pass
11ac (VHT40)	CH151	9.52	8.95	1000	Pass
11ac (VHT40)	CH159	9.38	8.67	1000	Pass
11ac (VHT80)	CH155	9.57	9.06	1000	Pass

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U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	9.36	8.63	250	Pass
11a	CH44	9.85	9.66	250	Pass
11a	CH48	9.26	8.43	250	Pass
11n (HT20)	CH36	8.99	7.93	250	Pass
11n (HT20)	CH44	9.78	9.51	250	Pass
11n (HT20)	CH48	9.60	9.12	250	Pass
11n (HT40)	CH38	9.51	8.93	250	Pass
11n (HT40)	CH46	9.58	9.08	250	Pass
11ac (VHT20)	CH36	9.47	8.85	250	Pass
11ac (VHT20)	CH44	9.55	9.02	250	Pass
11ac (VHT20)	CH48	9.64	9.20	250	Pass
11ac (VHT40)	CH38	9.51	8.93	250	Pass
11ac (VHT40)	CH46	9.60	9.12	250	Pass
11ac (VHT80)	CH42	9.24	8.39	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	9.85	9.66	250	Pass
11a	CH60	9.80	9.55	250	Pass
11a	CH64	9.69	9.31	250	Pass
11n (HT20)	CH52	9.72	9.38	250	Pass
11n (HT20)	CH60	9.40	8.71	250	Pass
11n (HT20)	CH64	9.91	9.79	250	Pass
11n (HT40)	CH54	9.69	9.31	250	Pass
11n (HT40)	CH62	9.61	9.14	250	Pass
11ac (VHT20)	CH52	9.71	9.35	250	Pass
11ac (VHT20)	CH60	9.66	9.25	250	Pass
11ac (VHT20)	CH64	9.58	9.08	250	Pass
11ac (VHT40)	CH54	9.77	9.48	250	Pass
11ac (VHT40)	CH62	9.77	9.48	250	Pass
11ac (VHT80)	CH58	9.65	9.23	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	9.87	9.71	250	Pass
11a	CH116	10.36	10.86	250	Pass
11a	CH140	10.73	11.83	250	Pass
11n (HT20)	CH100	9.51	8.93	250	Pass
11n (HT20)	CH116	9.32	8.55	250	Pass
11n (HT20)	CH140	10.64	11.59	250	Pass
11n (HT40)	CH102	9.60	9.12	250	Pass
11n (HT40)	CH118	9.58	9.08	250	Pass
11n (HT40)	CH134	9.65	9.23	250	Pass
11ac (VHT20)	CH100	10.39	10.94	250	Pass
11ac (VHT20)	CH116	9.92	9.82	250	Pass
11ac (VHT20)	CH140	10.03	10.07	250	Pass
11ac (VHT40)	CH102	10.40	10.96	250	Pass
11ac (VHT40)	CH118	10.43	11.04	250	Pass
11ac (VHT40)	CH134	10.18	10.42	250	Pass
11ac (VHT80)	CH106	10.05	10.12	250	Pass
11ac (VHT80)	CH122	9.62	9.16	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	10.16	10.38	1000	Pass
11a	CH157	10.15	10.35	1000	Pass
11a	CH165	9.89	9.75	1000	Pass
11n (HT20)	CH149	10.05	10.12	1000	Pass
11n (HT20)	CH157	10.01	10.02	1000	Pass
11n (HT20)	CH165	9.76	9.46	1000	Pass
11n (HT40)	CH151	10.08	10.19	1000	Pass
11n (HT40)	CH159	10.02	10.05	1000	Pass
11ac (VHT20)	CH149	9.57	9.06	1000	Pass
11ac (VHT20)	CH157	9.52	8.95	1000	Pass
11ac (VHT20)	CH165	9.25	8.41	1000	Pass
11ac (VHT40)	CH151	9.60	9.12	1000	Pass
11ac (VHT40)	CH159	9.99	9.98	1000	Pass
11ac (VHT80)	CH155	9.23	8.38	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2460952-604 Data Part 1.pdf".

Test Data

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U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	22.79	16.55
11a	CH44	20.80	16.58
11a	CH48	21.74	16.58
11n (HT20)	CH36	23.74	17.66
11n (HT20)	CH44	21.96	17.67
11n (HT20)	CH48	22.11	17.65
11n (HT40)	CH38	43.51	36.24
11n (HT40)	CH46	40.94	36.24
11ac (VHT20)	CH36	23.74	17.65
11ac (VHT20)	CH44	24.73	17.64
11ac (VHT20)	CH48	21.85	17.65
11ac (VHT40)	CH38	44.13	36.10
11ac (VHT40)	CH46	42.22	36.17
11ac (VHT80)	CH42	101.10	75.50

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	23.10	16.56
11a	CH60	22.54	16.57
11a	CH64	23.46	16.58
11n (HT20)	CH52	21.92	17.68
11n (HT20)	CH60	23.21	17.68
11n (HT20)	CH64	21.89	17.66
11n (HT40)	CH54	50.70	36.32
11n (HT40)	CH62	44.04	36.28
11ac (VHT20)	CH52	22.46	17.64
11ac (VHT20)	CH60	20.78	17.64
11ac (VHT20)	CH64	22.06	17.65
11ac (VHT40)	CH54	41.57	36.10
11ac (VHT40)	CH62	45.01	36.16
11ac (VHT80)	CH58	115.80	75.55

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	21.81	16.59
11a	CH116	23.37	16.56
11a	CH140	23.16	16.59
11n (HT20)	CH100	20.80	17.66
11n (HT20)	CH116	24.30	17.70
11n (HT20)	CH140	23.61	17.66
11n (HT40)	CH102	45.28	36.26
11n (HT40)	CH118	45.35	36.21
11n (HT40)	CH134	50.46	36.23
11ac (VHT20)	CH100	22.03	17.66
11ac (VHT20)	CH116	22.53	17.66
11ac (VHT20)	CH140	21.80	17.65
11ac (VHT40)	CH102	45.16	36.14
11ac (VHT40)	CH118	44.99	36.12
11ac (VHT40)	CH134	44.28	36.11
11ac (VHT80)	CH106	112.10	75.60
11ac (VHT80)	CH122	113.00	75.63

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	23.02	16.58
11a	CH157	23.38	16.57
11a	CH165	24.77	16.63
11n (HT20)	CH149	24.72	17.74
11n (HT20)	CH157	27.08	17.71
11n (HT20)	CH165	26.45	17.72
11n (HT40)	CH151	42.95	36.23
11n (HT40)	CH159	43.62	36.22
11ac (VHT20)	CH149	23.93	17.65
11ac (VHT20)	CH157	24.38	17.66
11ac (VHT20)	CH165	24.32	17.67
11ac (VHT40)	CH151	49.43	36.15
11ac (VHT40)	CH159	44.07	36.13
11ac (VHT80)	CH155	101.20	75.60

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U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	23.18	16.56
11a	CH44	21.93	16.54
11a	CH48	21.66	16.60
11n (HT20)	CH36	22.43	17.66
11n (HT20)	CH44	23.61	17.66
11n (HT20)	CH48	22.37	17.71
11n (HT40)	CH38	53.88	36.21
11n (HT40)	CH46	53.02	36.31
11ac (VHT20)	CH36	21.80	17.65
11ac (VHT20)	CH44	22.45	17.68
11ac (VHT20)	CH48	20.95	17.68
11ac (VHT40)	CH38	43.64	36.07
11ac (VHT40)	CH46	46.47	36.17
11ac (VHT80)	CH42	110.00	75.46

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	22.23	16.58
11a	CH60	23.51	16.65
11a	CH64	25.38	16.62
11n (HT20)	CH52	24.15	17.68
11n (HT20)	CH60	23.62	17.74
11n (HT20)	CH64	25.28	17.71
11n (HT40)	CH54	55.38	36.25
11n (HT40)	CH62	47.56	36.36
11ac (VHT20)	CH52	22.63	17.66
11ac (VHT20)	CH60	21.15	17.70
11ac (VHT20)	CH64	23.26	17.69
11ac (VHT40)	CH54	46.31	36.09
11ac (VHT40)	CH62	53.33	36.21
11ac (VHT80)	CH58	119.50	75.68

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	25.59	16.66
11a	CH116	26.14	16.67
11a	CH140	27.62	16.63
11n (HT20)	CH100	22.22	17.74
11n (HT20)	CH116	26.42	17.76
11n (HT20)	CH140	23.54	17.75
11n (HT40)	CH102	46.75	36.35
11n (HT40)	CH118	56.68	36.32
11n (HT40)	CH134	51.55	36.28
11ac (VHT20)	CH100	24.62	17.69
11ac (VHT20)	CH116	26.38	17.74
11ac (VHT20)	CH140	24.06	17.69
11ac (VHT40)	CH102	44.94	36.22
11ac (VHT40)	CH118	51.23	36.22
11ac (VHT40)	CH134	48.77	36.20
11ac (VHT80)	CH106	114.50	75.65
11ac (VHT80)	CH122	138.30	75.70

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	24.45	16.64
11a	CH157	25.29	16.63
11a	CH165	23.54	16.63
11n (HT20)	CH149	24.58	17.70
11n (HT20)	CH157	23.92	17.71
11n (HT20)	CH165	24.74	17.74
11n (HT40)	CH151	45.43	36.28
11n (HT40)	CH159	48.21	36.28
11ac (VHT20)	CH149	24.48	17.70
11ac (VHT20)	CH157	24.66	17.71
11ac (VHT20)	CH165	26.74	17.72
11ac (VHT40)	CH151	42.51	36.16
11ac (VHT40)	CH159	48.53	36.15
11ac (VHT80)	CH155	127.40	75.62

A.3 6 dB Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SZ2460952-604 Data Part 2.pdf".

Test Data

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U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.30	500.00	Pass
11a	CH157	15.30	500.00	Pass
11a	CH165	14.80	500.00	Pass
11n (HT20)	CH149	15.40	500.00	Pass
11n (HT20)	CH157	15.30	500.00	Pass
11n (HT20)	CH165	15.40	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.30	500.00	Pass
11ac (VHT20)	CH149	15.30	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

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U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.20	500.00	Pass
11a	CH157	15.30	500.00	Pass
11a	CH165	14.90	500.00	Pass
11n (HT20)	CH149	15.30	500.00	Pass
11n (HT20)	CH157	15.30	500.00	Pass
11n (HT20)	CH165	15.20	500.00	Pass
11n (HT40)	CH151	35.30	500.00	Pass
11n (HT40)	CH159	35.20	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

A.4 Power Spectral Density

Note : Test plots please refer to the document “Annex No.: BL-SZ2460952-604 Data Part 3.pdf”.

Test Data

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U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-1.03	11.00	Pass
11a	CH44	-1.21	11.00	Pass
11a	CH48	-0.75	11.00	Pass
11n (HT20)	CH36	-1.25	11.00	Pass
11n (HT20)	CH44	-1.09	11.00	Pass
11n (HT20)	CH48	-1.00	11.00	Pass
11n (HT40)	CH38	-3.98	11.00	Pass
11n (HT40)	CH46	-3.93	11.00	Pass
11ac (VHT20)	CH36	-1.18	11.00	Pass
11ac (VHT20)	CH44	-1.12	11.00	Pass
11ac (VHT20)	CH48	-0.90	11.00	Pass
11ac (VHT40)	CH38	-3.99	11.00	Pass
11ac (VHT40)	CH46	-3.94	11.00	Pass
11ac (VHT80)	CH42	-7.27	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-1.24	11.00	Pass
11a	CH60	-1.72	11.00	Pass
11a	CH64	-1.27	11.00	Pass
11n (HT20)	CH52	-1.42	11.00	Pass
11n (HT20)	CH60	-1.49	11.00	Pass
11n (HT20)	CH64	-1.62	11.00	Pass
11n (HT40)	CH54	-3.36	11.00	Pass
11n (HT40)	CH62	-3.50	11.00	Pass
11ac (VHT20)	CH52	-0.37	11.00	Pass
11ac (VHT20)	CH60	-0.52	11.00	Pass
11ac (VHT20)	CH64	-1.47	11.00	Pass
11ac (VHT40)	CH54	-3.65	11.00	Pass
11ac (VHT40)	CH62	-3.89	11.00	Pass
11ac (VHT80)	CH58	-7.14	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-0.36	11.00	Pass
11a	CH116	-0.39	11.00	Pass
11a	CH140	-0.75	11.00	Pass
11n (HT20)	CH100	-0.63	11.00	Pass
11n (HT20)	CH116	-0.67	11.00	Pass
11n (HT20)	CH140	-1.12	11.00	Pass
11n (HT40)	CH102	-3.57	11.00	Pass
11n (HT40)	CH118	-3.66	11.00	Pass
11n (HT40)	CH134	-3.75	11.00	Pass
11ac (VHT20)	CH100	-0.58	11.00	Pass
11ac (VHT20)	CH116	-1.25	11.00	Pass
11ac (VHT20)	CH140	-1.52	11.00	Pass
11ac (VHT40)	CH102	-3.45	11.00	Pass
11ac (VHT40)	CH118	-3.65	11.00	Pass
11ac (VHT40)	CH134	-3.77	11.00	Pass
11ac (VHT80)	CH106	-6.91	11.00	Pass
11ac (VHT80)	CH122	-7.42	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-3.31	30.00	Pass
11a	CH157	-2.91	30.00	Pass
11a	CH165	-3.88	30.00	Pass
11n (HT20)	CH149	-3.52	30.00	Pass
11n (HT20)	CH157	-3.70	30.00	Pass
11n (HT20)	CH165	-4.27	30.00	Pass
11n (HT40)	CH151	-6.31	30.00	Pass
11n (HT40)	CH159	-6.55	30.00	Pass
11ac (VHT20)	CH149	-3.90	30.00	Pass
11ac (VHT20)	CH157	-3.55	30.00	Pass
11ac (VHT20)	CH165	-4.22	30.00	Pass
11ac (VHT40)	CH151	-6.94	30.00	Pass
11ac (VHT40)	CH159	-7.11	30.00	Pass
11ac (VHT80)	CH155	-9.98	30.00	Pass

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U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	-1.40	11.00	Pass
11a	CH44	-0.71	11.00	Pass
11a	CH48	-1.32	11.00	Pass
11n (HT20)	CH36	-1.73	11.00	Pass
11n (HT20)	CH44	-1.15	11.00	Pass
11n (HT20)	CH48	-1.05	11.00	Pass
11n (HT40)	CH38	-4.20	11.00	Pass
11n (HT40)	CH46	-4.05	11.00	Pass
11ac (VHT20)	CH36	-1.36	11.00	Pass
11ac (VHT20)	CH44	-1.15	11.00	Pass
11ac (VHT20)	CH48	-1.00	11.00	Pass
11ac (VHT40)	CH38	-4.17	11.00	Pass
11ac (VHT40)	CH46	-4.05	11.00	Pass
11ac (VHT80)	CH42	-7.55	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	-0.61	11.00	Pass
11a	CH60	-0.57	11.00	Pass
11a	CH64	-0.73	11.00	Pass
11n (HT20)	CH52	-0.88	11.00	Pass
11n (HT20)	CH60	-1.47	11.00	Pass
11n (HT20)	CH64	-1.08	11.00	Pass
11n (HT40)	CH54	-3.75	11.00	Pass
11n (HT40)	CH62	-3.92	11.00	Pass
11ac (VHT20)	CH52	-0.99	11.00	Pass
11ac (VHT20)	CH60	-0.96	11.00	Pass
11ac (VHT20)	CH64	-1.05	11.00	Pass
11ac (VHT40)	CH54	-3.72	11.00	Pass
11ac (VHT40)	CH62	-3.78	11.00	Pass
11ac (VHT80)	CH58	-7.23	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	-0.77	11.00	Pass
11a	CH116	-1.05	11.00	Pass
11a	CH140	0.04	11.00	Pass
11n (HT20)	CH100	-1.47	11.00	Pass
11n (HT20)	CH116	-1.39	11.00	Pass
11n (HT20)	CH140	-0.21	11.00	Pass
11n (HT40)	CH102	-4.04	11.00	Pass
11n (HT40)	CH118	-3.11	11.00	Pass
11n (HT40)	CH134	-3.93	11.00	Pass
11ac (VHT20)	CH100	-0.26	11.00	Pass
11ac (VHT20)	CH116	-0.79	11.00	Pass
11ac (VHT20)	CH140	-0.69	11.00	Pass
11ac (VHT40)	CH102	-3.21	11.00	Pass
11ac (VHT40)	CH118	-3.21	11.00	Pass
11ac (VHT40)	CH134	-3.50	11.00	Pass
11ac (VHT80)	CH106	-6.67	11.00	Pass
11ac (VHT80)	CH122	-7.17	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	-2.92	30.00	Pass
11a	CH157	-3.19	30.00	Pass
11a	CH165	-3.35	30.00	Pass
11n (HT20)	CH149	-3.45	30.00	Pass
11n (HT20)	CH157	-3.43	30.00	Pass
11n (HT20)	CH165	-3.75	30.00	Pass
11n (HT40)	CH151	-6.25	30.00	Pass
11n (HT40)	CH159	-6.40	30.00	Pass
11ac (VHT20)	CH149	-3.81	30.00	Pass
11ac (VHT20)	CH157	-3.97	30.00	Pass
11ac (VHT20)	CH165	-4.23	30.00	Pass
11ac (VHT40)	CH151	-6.77	30.00	Pass
11ac (VHT40)	CH159	-6.62	30.00	Pass
11ac (VHT80)	CH155	-10.24	30.00	Pass

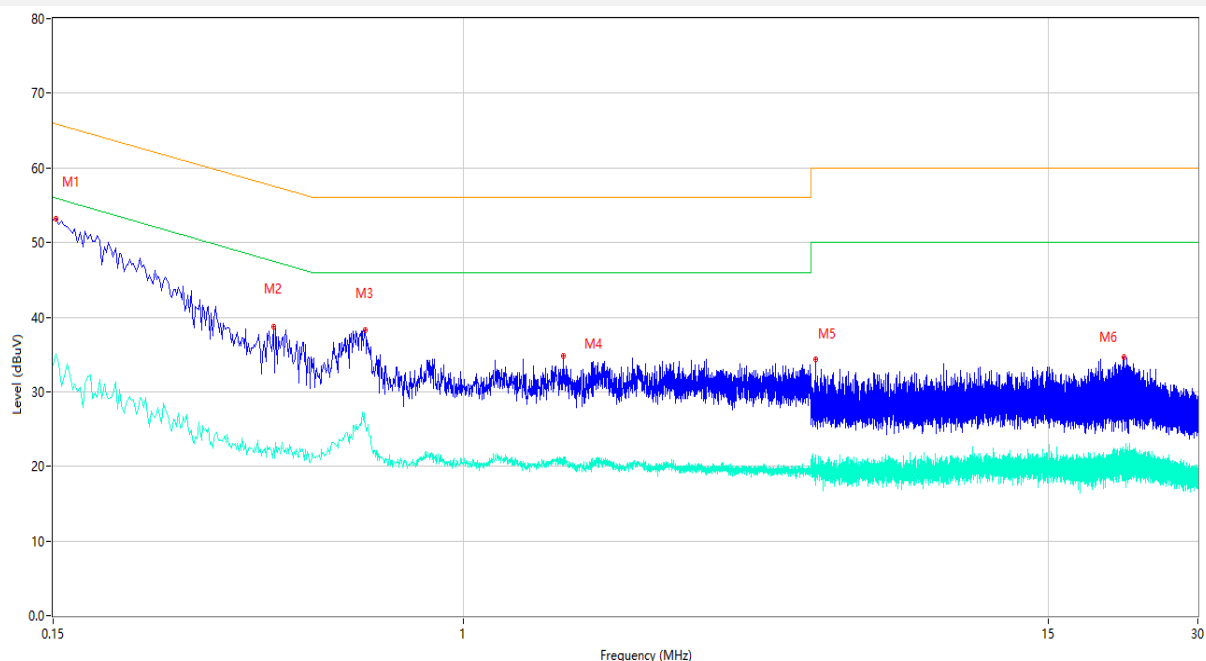
A.5 Conducted Emissions

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

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

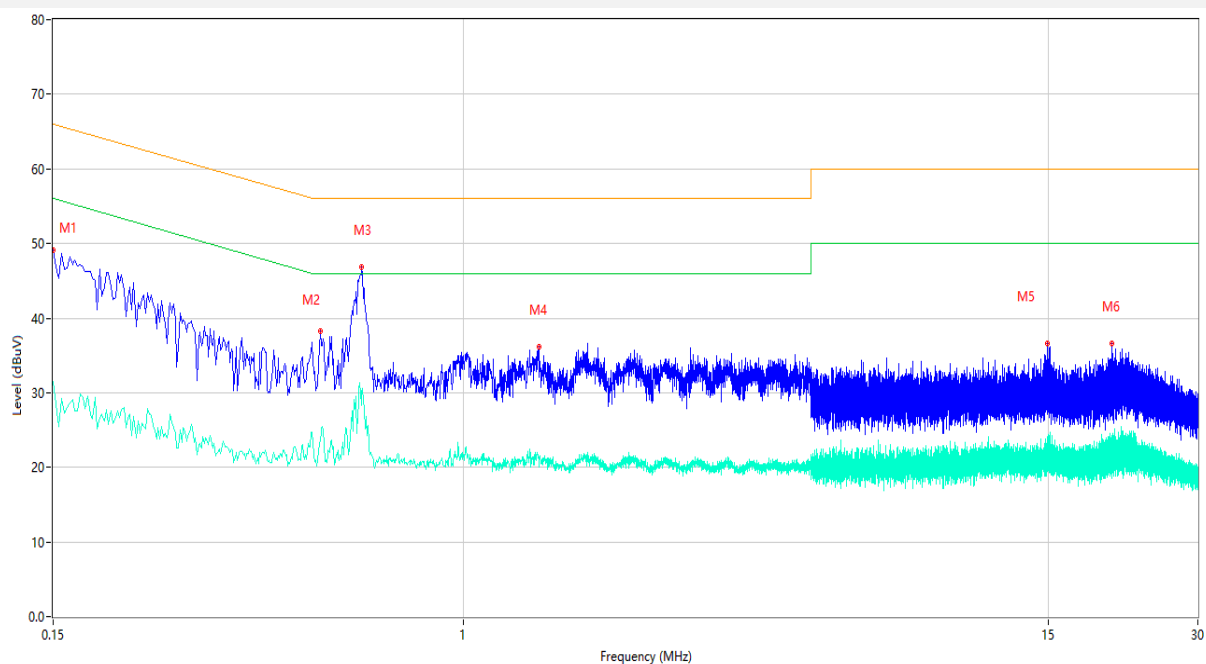
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	53.18	9.75	65.89	12.71	Peak	L	Pass
1**	0.152	35.09	9.75	55.89	20.80	AV	L	Pass
2	0.416	38.79	9.74	57.53	18.74	Peak	L	Pass
2**	0.416	22.46	9.74	47.53	25.07	AV	L	Pass
3	0.636	38.28	9.73	56.00	17.72	Peak	L	Pass
3**	0.636	25.58	9.73	46.00	20.42	AV	L	Pass
4	1.588	34.84	9.69	56.00	21.16	Peak	L	Pass
4**	1.588	21.27	9.69	46.00	24.73	AV	L	Pass
5	5.112	34.38	9.63	60.00	25.62	Peak	L	Pass
5**	5.112	21.49	9.63	50.00	28.51	AV	L	Pass
6	21.306	34.67	8.91	60.00	25.33	Peak	L	Pass
6**	21.306	21.88	8.91	50.00	28.12	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.150	49.07	9.69	66.00	16.93	Peak	N	Pass
1**	0.150	31.45	9.69	56.00	24.55	AV	N	Pass
2	0.516	38.27	9.81	56.00	17.73	Peak	N	Pass
2**	0.516	23.58	9.81	46.00	22.42	AV	N	Pass
3	0.626	46.82	9.85	56.00	9.18	Peak	N	Pass
3**	0.626	30.21	9.85	46.00	15.79	AV	N	Pass
4	1.420	36.10	9.87	56.00	19.90	Peak	N	Pass
4**	1.420	21.05	9.87	46.00	24.95	AV	N	Pass
5	14.964	36.55	9.52	60.00	23.45	Peak	N	Pass
5**	14.964	24.05	9.52	50.00	25.95	AV	N	Pass
6	20.192	36.66	9.12	60.00	23.34	Peak	N	Pass
6**	20.192	23.52	9.12	50.00	26.48	AV	N	Pass

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

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

Note²: For the test data above 1 GHz, According the ANSI C63.4, 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.

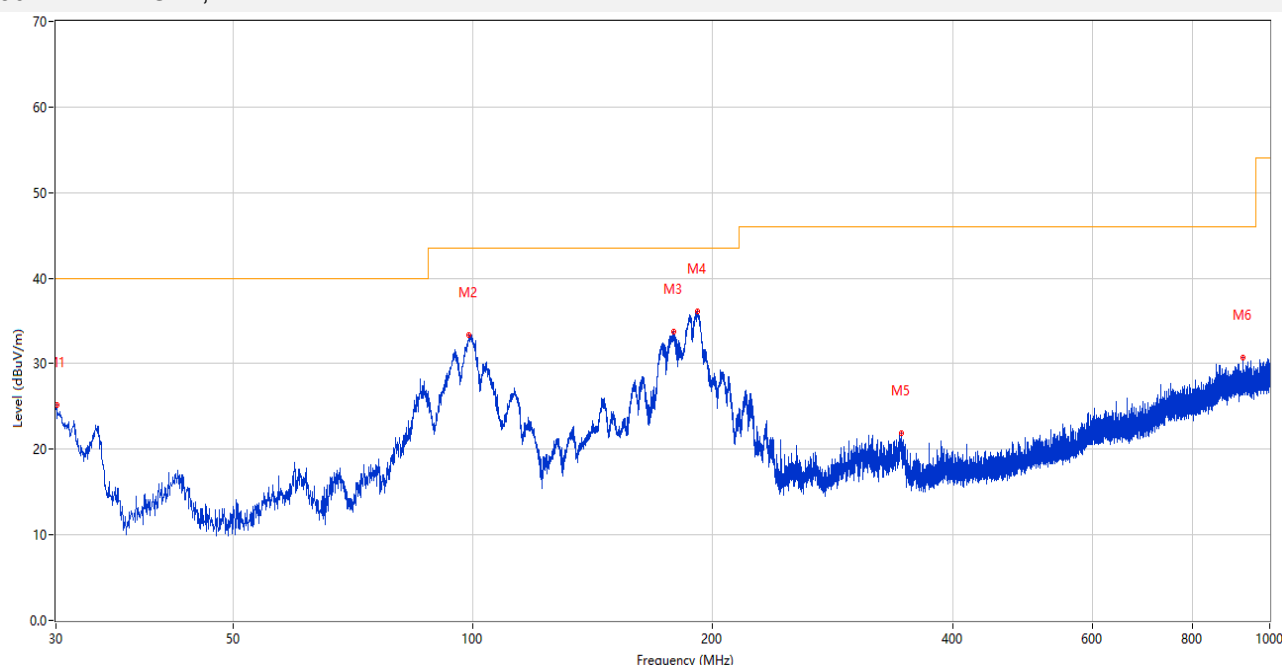
Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

Test Data and Plots

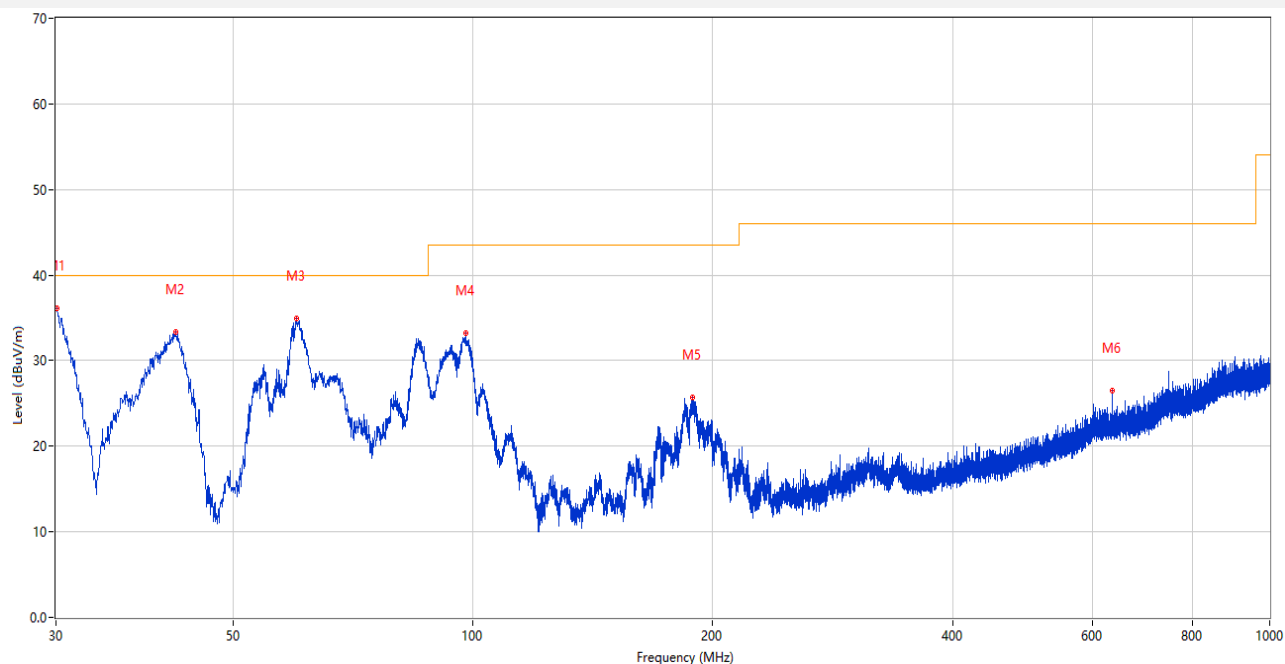
SISO Antenna 0

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	30.049	25.17	-28.89	40.0	14.83	Peak	297.00	100	Horizontal	Pass
2	98.967	33.37	-26.16	43.5	10.13	Peak	164.00	100	Horizontal	Pass
3	178.798	33.70	-27.91	43.5	9.80	Peak	0.00	200	Horizontal	Pass
4	191.505	36.14	-26.11	43.5	7.36	Peak	0.00	100	Horizontal	Pass
5	344.765	21.95	-21.52	46.0	24.05	Peak	109.00	200	Horizontal	Pass
6	926.329	30.72	-8.89	46.0	15.28	Peak	0.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	30.049	36.10	-28.89	40.0	3.90	Peak	237.00	100	Vertical	Pass
2	42.367	33.33	-25.22	40.0	6.67	Peak	214.00	200	Vertical	Pass
3	60.118	34.99	-26.05	40.0	5.01	Peak	360.00	200	Vertical	Pass
4	97.949	33.19	-26.25	43.5	10.31	Peak	301.00	100	Vertical	Pass
5	188.740	25.66	-26.56	43.5	17.84	Peak	110.00	100	Vertical	Pass
6	634.746	26.54	-14.66	46.0	19.46	Peak	357.00	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	1199.250	38.79	-15.30	74.0	35.21	Peak	65.00	150	Horizontal	Pass
1**	1199.250	27.73	-15.30	54.0	26.27	AV	65.00	150	Horizontal	Pass
2	1598.250	39.28	-15.29	74.0	34.72	Peak	297.00	150	Horizontal	Pass
2**	1598.250	28.38	-15.29	54.0	25.62	AV	297.00	150	Horizontal	Pass
3	4371.000	48.29	-2.60	74.0	25.71	Peak	14.00	150	Horizontal	Pass
3**	4371.000	36.74	-2.60	54.0	17.26	AV	14.00	150	Horizontal	Pass
4	5218.500	98.85	-0.91	--	33.15	Peak	132.00	150	Horizontal	N/A
4**	5218.500	90.62	-0.91	--	-90.62	AV	132.00	150	Horizontal	N/A
5	11910.438	48.82	-1.05	74.0	25.18	Peak	194.00	150	Horizontal	Pass
5**	11910.438	39.05	-1.05	54.0	14.95	AV	194.00	150	Horizontal	Pass
6	15950.662	49.63	1.17	74.0	24.37	Peak	1.00	150	Horizontal	Pass
6**	15950.662	39.36	1.17	54.0	14.64	AV	1.00	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	1201.000	38.95	-15.29	74.0	35.05	Peak	322.00	150	Vertical	Pass
1**	1201.000	28.28	-15.29	54.0	25.72	AV	322.00	150	Vertical	Pass
2	1607.750	39.44	-15.19	74.0	34.56	Peak	0.00	150	Vertical	Pass
2**	1607.750	28.62	-15.19	54.0	25.38	AV	0.00	150	Vertical	Pass
3	4337.000	48.03	-2.36	74.0	25.97	Peak	15.00	150	Vertical	Pass
3**	4337.000	36.95	-2.36	54.0	17.05	AV	15.00	150	Vertical	Pass
4	5221.500	103.32	-0.84	--	68.68	Peak	172.00	150	Vertical	N/A
4**	5221.500	95.98	-0.84	--	-95.98	AV	172.00	150	Vertical	N/A
5	12471.888	49.66	-0.45	74.0	24.34	Peak	194.00	150	Vertical	Pass
5**	12471.888	38.27	-0.45	54.0	15.73	AV	194.00	150	Vertical	Pass
6	15387.338	50.09	1.06	74.0	23.91	Peak	279.00	150	Vertical	Pass
6**	15387.338	39.23	1.06	54.0	14.77	AV	279.00	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	1168.000	39.32	-15.46	74.0	34.68	Peak	82.00	150	Horizontal	Pass
1**	1168.000	27.63	-15.46	54.0	26.37	AV	82.00	150	Horizontal	Pass
2	1529.750	39.27	-15.43	74.0	34.73	Peak	352.00	150	Horizontal	Pass
2**	1529.750	28.08	-15.43	54.0	25.92	AV	352.00	150	Horizontal	Pass
3	4035.500	47.96	-3.09	74.0	26.04	Peak	221.00	150	Horizontal	Pass
3**	4035.500	36.34	-3.09	54.0	17.66	AV	221.00	150	Horizontal	Pass
4	5221.000	98.33	-0.85	--	-8.33	Peak	90.00	150	Horizontal	N/A
4**	5221.000	90.45	-0.85	--	-90.45	AV	90.00	150	Horizontal	N/A
5	12495.162	49.60	0.11	74.0	24.40	Peak	294.00	150	Horizontal	Pass
5**	12495.162	39.14	0.11	54.0	14.86	AV	294.00	150	Horizontal	Pass
6	16049.887	50.07	1.37	74.0	23.93	Peak	104.00	150	Horizontal	Pass
6**	16049.887	39.77	1.37	54.0	14.23	AV	104.00	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	1164.000	39.39	-15.46	74.0	34.61	Peak	200.00	150	Vertical	Pass
1**	1164.000	27.73	-15.46	54.0	26.27	AV	200.00	150	Vertical	Pass
2	1495.000	39.35	-15.40	74.0	34.65	Peak	16.00	150	Vertical	Pass
2**	1495.000	28.41	-15.40	54.0	25.59	AV	16.00	150	Vertical	Pass
3	4334.500	48.24	-2.41	74.0	25.76	Peak	8.00	150	Vertical	Pass
3**	4334.500	37.30	-2.41	54.0	16.70	AV	8.00	150	Vertical	Pass
4	5221.500	103.51	-0.84	--	-43.51	Peak	60.00	150	Vertical	N/A
4**	5221.500	95.77	-0.84	--	-95.77	AV	60.00	150	Vertical	N/A
5	11328.326	49.43	-1.61	74.0	24.57	Peak	221.00	150	Vertical	Pass
5**	11328.326	38.09	-1.61	54.0	15.91	AV	221.00	150	Vertical	Pass
6	16054.350	50.45	1.73	74.0	23.55	Peak	172.00	150	Vertical	Pass
6**	16054.350	39.53	1.73	54.0	14.47	AV	172.00	150	Vertical	Pass

11ac40, U-NII-1, 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	1196.000	38.90	-15.26	74.0	35.10	Peak	292.00	150	Horizontal	Pass
1**	1196.000	27.81	-15.26	54.0	26.19	AV	292.00	150	Horizontal	Pass
2	1453.750	39.32	-15.37	74.0	34.68	Peak	0.00	150	Horizontal	Pass
2**	1453.750	28.41	-15.37	54.0	25.59	AV	0.00	150	Horizontal	Pass
3	4344.500	48.84	-2.33	74.0	25.16	Peak	252.00	150	Horizontal	Pass
3**	4344.500	36.99	-2.33	54.0	17.01	AV	252.00	150	Horizontal	Pass
4	5192.500	97.27	-1.10	--	123.73	Peak	221.00	150	Horizontal	N/A
4**	5192.500	89.26	-1.10	--	-89.26	AV	221.00	150	Horizontal	N/A
5	12543.138	49.56	-0.12	74.0	24.44	Peak	28.00	150	Horizontal	Pass
5**	12543.138	39.72	-0.12	54.0	14.28	AV	28.00	150	Horizontal	Pass
6	17901.302	51.82	4.43	74.0	22.18	Peak	360.00	150	Horizontal	Pass
6**	17901.302	40.67	4.43	54.0	13.33	AV	360.00	150	Horizontal	Pass

11ac40, U-NII-1, 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	1210.500	39.50	-15.55	74.0	34.50	Peak	280.00	150	Vertical	Pass
1**	1210.500	27.75	-15.55	54.0	26.25	AV	280.00	150	Vertical	Pass
2	1570.500	39.45	-15.26	74.0	34.55	Peak	223.00	150	Vertical	Pass
2**	1570.500	28.38	-15.26	54.0	25.62	AV	223.00	150	Vertical	Pass
3	4806.000	50.93	-1.42	74.0	23.07	Peak	89.00	150	Vertical	Pass
3**	4806.000	39.06	-1.42	54.0	14.94	AV	89.00	150	Vertical	Pass
4	5188.000	100.85	-0.99	--	68.15	Peak	169.00	150	Vertical	N/A
4**	5188.000	92.94	-0.99	--	-92.94	AV	169.00	150	Vertical	N/A
5	11279.638	49.30	-1.35	74.0	24.70	Peak	360.00	150	Vertical	Pass
5**	11279.638	39.05	-1.35	54.0	14.95	AV	360.00	150	Vertical	Pass
6	15738.299	49.97	0.94	74.0	24.03	Peak	360.00	150	Vertical	Pass
6**	15738.299	39.11	0.94	54.0	14.89	AV	360.00	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	1177.000	38.80	-15.51	74.0	35.20	Peak	137.00	150	Horizontal	Pass
1**	1177.000	27.59	-15.51	54.0	26.41	AV	137.00	150	Horizontal	Pass
2	1603.500	39.32	-15.25	74.0	34.68	Peak	200.00	150	Horizontal	Pass
2**	1603.500	28.31	-15.25	54.0	25.69	AV	200.00	150	Horizontal	Pass
3	4255.500	48.27	-3.05	74.0	25.73	Peak	302.00	150	Horizontal	Pass
3**	4255.500	36.60	-3.05	54.0	17.40	AV	302.00	150	Horizontal	Pass
4	5203.500	92.98	-0.94	--	-2.98	Peak	90.00	150	Horizontal	N/A
4**	5203.500	84.16	-0.94	--	-84.16	AV	90.00	150	Horizontal	N/A
5	11847.737	48.96	-1.10	74.0	25.04	Peak	340.00	150	Horizontal	Pass
5**	11847.737	39.25	-1.10	54.0	14.75	AV	340.00	150	Horizontal	Pass
6	15623.326	50.45	1.28	74.0	23.55	Peak	209.00	150	Horizontal	Pass
6**	15623.326	40.20	1.28	54.0	13.80	AV	209.00	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	1152.500	39.71	-15.38	74.0	34.29	Peak	104.00	150	Vertical	Pass
1**	1152.500	27.89	-15.38	54.0	26.11	AV	104.00	150	Vertical	Pass
2	1603.500	39.28	-15.25	74.0	34.72	Peak	108.00	150	Vertical	Pass
2**	1603.500	28.50	-15.25	54.0	25.50	AV	108.00	150	Vertical	Pass
3	4329.000	48.20	-2.70	74.0	25.80	Peak	360.00	150	Vertical	Pass
3**	4329.000	37.05	-2.70	54.0	16.95	AV	360.00	150	Vertical	Pass
4	5211.500	98.89	-0.94	--	68.11	Peak	167.00	150	Vertical	N/A
4**	5211.500	90.44	-0.94	--	-90.44	AV	167.00	150	Vertical	N/A
5	11909.488	49.53	-0.98	74.0	24.47	Peak	197.00	150	Vertical	Pass
5**	11909.488	39.48	-0.98	54.0	14.52	AV	197.00	150	Vertical	Pass
6	15924.675	50.55	1.29	74.0	23.45	Peak	360.00	150	Vertical	Pass
6**	15924.675	39.50	1.29	54.0	14.50	AV	360.00	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	1204.000	38.71	-15.33	74.0	35.29	Peak	111.00	150	Horizontal	Pass
1**	1204.000	27.85	-15.33	54.0	26.15	AV	111.00	150	Horizontal	Pass
2	1539.500	39.85	-15.48	74.0	34.15	Peak	111.00	150	Horizontal	Pass
2**	1539.500	28.08	-15.48	54.0	25.92	AV	111.00	150	Horizontal	Pass
3	4305.000	47.65	-2.70	74.0	26.35	Peak	220.00	150	Horizontal	Pass
3**	4305.000	37.12	-2.70	54.0	16.88	AV	220.00	150	Horizontal	Pass
4	5298.000	98.23	-0.54	--	140.77	Peak	239.00	150	Horizontal	N/A
4**	5298.000	90.47	-0.54	--	-90.47	AV	239.00	150	Horizontal	N/A
5	11963.162	49.70	-1.14	74.0	24.30	Peak	6.00	150	Horizontal	Pass
5**	11963.162	39.14	-1.14	54.0	14.86	AV	6.00	150	Horizontal	Pass
6	15816.526	50.34	0.75	74.0	23.66	Peak	325.00	150	Horizontal	Pass
6**	15816.526	39.39	0.75	54.0	14.61	AV	325.00	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	1217.500	39.12	-15.66	74.0	34.88	Peak	291.00	150	Vertical	Pass
1**	1217.500	27.84	-15.66	54.0	26.16	AV	291.00	150	Vertical	Pass
2	1619.750	39.68	-15.30	74.0	34.32	Peak	21.00	150	Vertical	Pass
2**	1619.750	28.67	-15.30	54.0	25.33	AV	21.00	150	Vertical	Pass
3	4197.500	47.86	-2.52	74.0	26.14	Peak	332.00	150	Vertical	Pass
3**	4197.500	36.77	-2.52	54.0	17.23	AV	332.00	150	Vertical	Pass
4	5299.000	105.05	-0.52	--	14.95	Peak	120.00	150	Vertical	N/A
4**	5299.000	97.48	-0.52	--	-97.48	AV	120.00	150	Vertical	N/A
5	11230.713	50.04	-1.46	74.0	23.96	Peak	331.00	150	Vertical	Pass
5**	11230.713	38.92	-1.46	54.0	15.08	AV	331.00	150	Vertical	Pass
6	15935.963	50.99	1.53	74.0	23.01	Peak	360.00	150	Vertical	Pass
6**	15935.963	40.90	1.53	54.0	13.10	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	1186.500	38.60	-15.34	74.0	35.40	Peak	98.00	150	Horizontal	Pass
1**	1186.500	27.66	-15.34	54.0	26.34	AV	98.00	150	Horizontal	Pass
2	1586.500	39.70	-15.57	74.0	34.30	Peak	170.00	150	Horizontal	Pass
2**	1586.500	28.35	-15.57	54.0	25.65	AV	170.00	150	Horizontal	Pass
3	4343.500	48.31	-2.32	74.0	25.69	Peak	220.00	150	Horizontal	Pass
3**	4343.500	36.99	-2.32	54.0	17.01	AV	220.00	150	Horizontal	Pass
4	5301.000	96.80	-0.61	--	154.20	Peak	251.00	150	Horizontal	N/A
4**	5301.000	89.27	-0.61	--	-89.27	AV	251.00	150	Horizontal	N/A
5	11229.525	49.20	-1.66	74.0	24.80	Peak	117.00	150	Horizontal	Pass
5**	11229.525	38.55	-1.66	54.0	15.45	AV	117.00	150	Horizontal	Pass
6	15720.974	50.20	1.40	74.0	23.80	Peak	222.00	150	Horizontal	Pass
6**	15720.974	39.89	1.40	54.0	14.11	AV	222.00	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	1114.750	38.71	-15.84	74.0	35.29	Peak	119.00	150	Vertical	Pass
1**	1114.750	27.66	-15.84	54.0	26.34	AV	119.00	150	Vertical	Pass
2	1604.750	39.62	-15.22	74.0	34.38	Peak	360.00	150	Vertical	Pass
2**	1604.750	28.63	-15.22	54.0	25.37	AV	360.00	150	Vertical	Pass
3	4313.500	47.77	-2.84	74.0	26.23	Peak	218.00	150	Vertical	Pass
3**	4313.500	37.00	-2.84	54.0	17.00	AV	218.00	150	Vertical	Pass
4	5298.500	104.33	-0.53	--	73.67	Peak	178.00	150	Vertical	N/A
4**	5298.500	96.48	-0.53	--	-96.48	AV	178.00	150	Vertical	N/A
5	12559.762	49.69	-0.35	74.0	24.31	Peak	92.00	150	Vertical	Pass
5**	12559.762	38.55	-0.35	54.0	15.45	AV	92.00	150	Vertical	Pass
6	15704.175	50.88	1.07	74.0	23.12	Peak	187.00	150	Vertical	Pass
6**	15704.175	39.62	1.07	54.0	14.38	AV	187.00	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	1147.500	39.11	-15.33	74.0	34.89	Peak	166.00	150	Horizontal	Pass
1**	1147.500	27.65	-15.33	54.0	26.35	AV	166.00	150	Horizontal	Pass
2	1617.000	39.79	-15.22	74.0	34.21	Peak	360.00	150	Horizontal	Pass
2**	1617.000	28.48	-15.22	54.0	25.52	AV	360.00	150	Horizontal	Pass
3	4243.000	47.21	-2.48	74.0	26.79	Peak	50.00	150	Horizontal	Pass
3**	4243.000	37.12	-2.48	54.0	16.88	AV	50.00	150	Horizontal	Pass
4	5272.500	96.22	-0.84	--	128.78	Peak	225.00	150	Horizontal	N/A
4**	5272.500	88.52	-0.84	--	-88.52	AV	225.00	150	Horizontal	N/A
5	11819.000	49.42	-1.41	74.0	24.58	Peak	360.00	150	Horizontal	Pass
5**	11819.000	38.28	-1.41	54.0	15.72	AV	360.00	150	Horizontal	Pass
6	15714.675	50.26	1.14	74.0	23.74	Peak	153.00	150	Horizontal	Pass
6**	15714.675	40.52	1.14	54.0	13.48	AV	153.00	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	1118.250	38.58	-15.87	74.0	35.42	Peak	6.00	150	Vertical	Pass
1**	1118.250	27.16	-15.87	54.0	26.84	AV	6.00	150	Vertical	Pass
2	1512.500	39.80	-15.24	74.0	34.20	Peak	254.00	150	Vertical	Pass
2**	1512.500	28.33	-15.24	54.0	25.67	AV	254.00	150	Vertical	Pass
3	4299.500	48.22	-2.89	74.0	25.78	Peak	57.00	150	Vertical	Pass
3**	4299.500	36.95	-2.89	54.0	17.05	AV	57.00	150	Vertical	Pass
4	5272.500	101.16	-0.84	--	27.84	Peak	129.00	150	Vertical	N/A
4**	5272.500	93.00	-0.84	--	-93.00	AV	129.00	150	Vertical	N/A
5	12093.312	49.62	-1.15	74.0	24.38	Peak	117.00	150	Vertical	Pass
5**	12093.312	38.40	-1.15	54.0	15.60	AV	117.00	150	Vertical	Pass
6	15559.012	50.73	0.77	74.0	23.27	Peak	0.00	150	Vertical	Pass
6**	15559.012	39.85	0.77	54.0	14.15	AV	0.00	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	1077.000	38.60	-15.57	74.0	35.40	Peak	360.00	150	Horizontal	Pass
1**	1077.000	27.22	-15.57	54.0	26.78	AV	360.00	150	Horizontal	Pass
2	1470.000	39.48	-15.52	74.0	34.52	Peak	322.00	150	Horizontal	Pass
2**	1470.000	27.97	-15.52	54.0	26.03	AV	322.00	150	Horizontal	Pass
3	4179.000	47.38	-3.14	74.0	26.62	Peak	69.00	150	Horizontal	Pass
3**	4179.000	36.97	-3.14	54.0	17.03	AV	69.00	150	Horizontal	Pass
4	5283.500	92.83	-0.74	--	137.17	Peak	230.00	150	Horizontal	N/A
4**	5283.500	83.92	-0.74	--	-83.92	AV	230.00	150	Horizontal	N/A
5	11893.338	49.48	-0.90	74.0	24.52	Peak	0.00	150	Horizontal	Pass
5**	11893.338	38.99	-0.90	54.0	15.01	AV	0.00	150	Horizontal	Pass
6	15910.762	50.84	1.03	74.0	23.16	Peak	360.00	150	Horizontal	Pass
6**	15910.762	40.25	1.03	54.0	13.75	AV	360.00	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	1059.250	38.77	-15.62		35.23	Peak	239.00	150	Vertical	Pass
1**	1059.250	27.69	-15.62	54.0	26.31	AV	239.00	150	Vertical	Pass
2	1509.750	39.11	-15.26	74.0	34.89	Peak	17.00	150	Vertical	Pass
2**	1509.750	28.18	-15.26	54.0	25.82	AV	17.00	150	Vertical	Pass
3	4305.000	47.39	-2.70	74.0	26.61	Peak	108.00	150	Vertical	Pass
3**	4305.000	36.97	-2.70	54.0	17.03	AV	108.00	150	Vertical	Pass
4	5296.500	98.30	-0.50	--	19.70	Peak	118.00	150	Vertical	N/A
4**	5296.500	89.56	-0.50	--	-89.56	AV	118.00	150	Vertical	N/A
5	11948.912	50.02	-1.22	74.0	23.98	Peak	71.00	150	Vertical	Pass
5**	11948.912	39.16	-1.22	54.0	14.84	AV	71.00	150	Vertical	Pass
6	15385.763	50.80	0.94	74.0	23.20	Peak	0.00	150	Vertical	Pass
6**	15385.763	39.93	0.94	54.0	14.07	AV	0.00	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	1064.750	38.98	-15.57	74.0	35.02	Peak	328.00	150	Horizontal	Pass
1**	1064.750	27.22	-15.57	54.0	26.78	AV	328.00	150	Horizontal	Pass
2	1530.000	39.16	-15.43	74.0	34.84	Peak	2.00	150	Horizontal	Pass
2**	1530.000	28.71	-15.43	54.0	25.29	AV	2.00	150	Horizontal	Pass
3	4034.500	47.20	-3.10	74.0	26.80	Peak	78.00	150	Horizontal	Pass
3**	4034.500	36.48	-3.10	54.0	17.52	AV	78.00	150	Horizontal	Pass
4	5582.000	95.95	-0.70	68.2	-27.75	Peak	219.00	150	Horizontal	N/A
4**	5582.000	88.75	-0.70	--	-88.75	AV	219.00	150	Horizontal	N/A
5	11977.413	50.04	-0.97	74.0	23.96	Peak	43.00	150	Horizontal	Pass
5**	11977.413	39.48	-0.97	54.0	14.52	AV	43.00	150	Horizontal	Pass
6	15716.775	50.49	1.29	74.0	23.51	Peak	297.00	150	Horizontal	Pass
6**	15716.775	40.31	1.29	54.0	13.69	AV	297.00	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	1127.500	38.89	-15.66	74.0	35.11	Peak	219.00	150	Vertical	Pass
1**	1127.500	27.65	-15.66	54.0	26.35	AV	219.00	150	Vertical	Pass
2	1604.500	39.25	-15.22	74.0	34.75	Peak	9.00	150	Vertical	Pass
2**	1604.500	28.64	-15.22	54.0	25.36	AV	9.00	150	Vertical	Pass
3	4261.000	47.84	-3.03	74.0	26.16	Peak	107.00	150	Vertical	Pass
3**	4261.000	36.55	-3.03	54.0	17.45	AV	107.00	150	Vertical	Pass
4	5582.000	104.13	-0.70	68.2	-35.93	Peak	179.00	150	Vertical	N/A
4**	5582.000	96.46	-0.70	--	-96.46	AV	179.00	150	Vertical	N/A
5	12517.724	49.98	-0.40	74.0	24.02	Peak	360.00	150	Vertical	Pass
5**	12517.724	39.05	-0.40	54.0	14.95	AV	360.00	150	Vertical	Pass
6	15760.349	50.66	0.99	74.0	23.34	Peak	325.00	150	Vertical	Pass
6**	15760.349	39.99	0.99	54.0	14.01	AV	325.00	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	1218.750	38.48	-15.64	74.0	35.52	Peak	132.00	150	Horizontal	Pass
1**	1218.750	27.66	-15.64	54.0	26.34	AV	132.00	150	Horizontal	Pass
2	1601.000	39.00	-15.23	74.0	35.00	Peak	349.00	150	Horizontal	Pass
2**	1601.000	28.61	-15.23	54.0	25.39	AV	349.00	150	Horizontal	Pass
3	4118.500	47.75	-3.11	74.0	26.25	Peak	329.00	150	Horizontal	Pass
3**	4118.500	36.59	-3.11	54.0	17.41	AV	329.00	150	Horizontal	Pass
4	5579.000	97.29	-0.74	--	104.71	Peak	202.00	150	Horizontal	N/A
4**	5579.000	89.51	-0.74	--	-89.51	AV	202.00	150	Horizontal	N/A
5	12496.349	50.22	0.20	74.0	23.78	Peak	267.00	150	Horizontal	Pass
5**	12496.349	39.36	0.20	54.0	14.64	AV	267.00	150	Horizontal	Pass
6	15718.088	51.24	1.30	74.0	22.76	Peak	0.00	150	Horizontal	Pass
6**	15718.088	39.70	1.30	54.0	14.30	AV	0.00	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)	v	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.250	38.89	-15.28	74.0	35.11	Peak	348.00	150	Vertical	Pass
1**	1198.250	27.80	-15.28	54.0	26.20	AV	348.00	150	Vertical	Pass
2	1593.250	39.90	-15.37	74.0	34.10	Peak	40.00	150	Vertical	Pass
2**	1593.250	28.14	-15.37	54.0	25.86	AV	40.00	150	Vertical	Pass
3	4019.000	48.06	-3.12	74.0	25.94	Peak	331.00	150	Vertical	Pass
3**	4019.000	36.38	-3.12	54.0	17.62	AV	331.00	150	Vertical	Pass
4	5581.500	103.05	-0.71	--	-41.05	Peak	62.00	150	Vertical	N/A
4**	5581.500	95.19	-0.71	--	-95.19	AV	62.00	150	Vertical	N/A
5	11975.750	49.28	-0.90	74.0	24.72	Peak	29.00	150	Vertical	Pass
5**	11975.750	39.30	-0.90	54.0	14.70	AV	29.00	150	Vertical	Pass
6	15728.326	49.95	0.99	74.0	24.05	Peak	170.00	150	Vertical	Pass
6**	15728.326	39.60	0.99	54.0	14.40	AV	170.00	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	1199.750	39.03	-15.31	74.0	34.97	Peak	145.00	150	Horizontal	Pass
1**	1199.750	27.80	-15.31	54.0	26.20	AV	145.00	150	Horizontal	Pass
2	1578.000	39.33	-15.53	74.0	34.67	Peak	358.00	150	Horizontal	Pass
2**	1578.000	28.20	-15.53	54.0	25.80	AV	358.00	150	Horizontal	Pass
3	4121.500	47.46	-3.33	74.0	26.54	Peak	29.00	150	Horizontal	Pass
3**	4121.500	36.29	-3.33	54.0	17.71	AV	29.00	150	Horizontal	Pass
4	5592.000	94.79	-0.61	--	134.21	Peak	229.00	150	Horizontal	N/A
4**	5592.000	86.95	-0.61	--	-86.95	AV	229.00	150	Horizontal	N/A
5	11878.850	49.53	-1.14	74.0	24.47	Peak	188.00	150	Horizontal	Pass
5**	11878.850	38.27	-1.14	54.0	15.73	AV	188.00	150	Horizontal	Pass
6	15806.550	49.83	0.88	74.0	24.17	Peak	0.00	150	Horizontal	Pass
6**	15806.550	38.52	0.88	54.0	15.48	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	1229.750	38.54	-15.55	74.0	35.46	Peak	360.00	150	Vertical	Pass
1**	1229.750	28.01	-15.55	54.0	25.99	AV	360.00	150	Vertical	Pass
2	1531.500	39.34	-15.41	74.0	34.66	Peak	360.00	150	Vertical	Pass
2**	1531.500	28.15	-15.41	54.0	25.85	AV	360.00	150	Vertical	Pass
3	4270.000	47.89	-2.40	74.0	26.11	Peak	271.00	150	Vertical	Pass
3**	4270.000	36.86	-2.40	54.0	17.14	AV	271.00	150	Vertical	Pass
4	5586.500	101.07	-0.59	--	-39.07	Peak	62.00	150	Vertical	N/A
4**	5586.500	92.74	-0.59	--	-92.74	AV	62.00	150	Vertical	N/A
5	12489.463	49.91	0.06	74.0	24.09	Peak	360.00	150	Vertical	Pass
5**	12489.463	38.80	0.06	54.0	15.20	AV	360.00	150	Vertical	Pass
6	15759.825	50.04	0.98	74.0	23.96	Peak	0.00	150	Vertical	Pass
6**	15759.825	39.71	0.98	54.0	14.29	AV	0.00	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	1173.250	38.60	-15.50	74.0	35.40	Peak	93.00	150	Horizontal	Pass
1**	1173.250	27.78	-15.50	54.0	26.22	AV	93.00	150	Horizontal	Pass
2	1616.500	39.46	-15.21	74.0	34.54	Peak	281.00	150	Horizontal	Pass
2**	1616.500	28.28	-15.21	54.0	25.72	AV	281.00	150	Horizontal	Pass
3	5032.000	50.67	-0.87	74.0	23.33	Peak	290.00	150	Horizontal	Pass
3**	5032.000	39.29	-0.87	54.0	14.71	AV	290.00	150	Horizontal	Pass
4	5533.500	90.99	-0.67	--	131.01	Peak	222.00	150	Horizontal	N/A
4**	5533.500	82.86	-0.67	--	-82.86	AV	222.00	150	Horizontal	N/A
5	11919.225	49.72	-1.50	74.0	24.28	Peak	235.00	150	Horizontal	Pass
5**	11919.225	38.02	-1.50	54.0	15.98	AV	235.00	150	Horizontal	Pass
6	15711.526	49.91	1.39	74.0	24.09	Peak	360.00	150	Horizontal	Pass
6**	15711.526	39.50	1.39	54.0	14.50	AV	360.00	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	1073.750	38.36	-15.57	74.0	35.64	Peak	351.00	150	Vertical	Pass
1**	1073.750	27.24	-15.57	54.0	26.76	AV	351.00	150	Vertical	Pass
2	1553.000	39.04	-15.38	74.0	34.96	Peak	249.00	150	Vertical	Pass
2**	1553.000	27.86	-15.38	54.0	26.14	AV	249.00	150	Vertical	Pass
3	4289.000	48.19	-3.10	74.0	25.81	Peak	199.00	150	Vertical	Pass
3**	4289.000	36.70	-3.10	54.0	17.30	AV	199.00	150	Vertical	Pass
4	5523.000	96.96	-0.71	--	-36.96	Peak	60.00	150	Vertical	N/A
4**	5523.000	88.23	-0.71	--	-88.23	AV	60.00	150	Vertical	N/A
5	11854.862	49.48	-1.30	74.0	24.52	Peak	186.00	150	Vertical	Pass
5**	11854.862	38.23	-1.30	54.0	15.77	AV	186.00	150	Vertical	Pass
6	15960.112	50.93	1.07	74.0	23.07	Peak	292.00	150	Vertical	Pass
6**	15960.112	39.08	1.07	54.0	14.92	AV	292.00	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	1198.250	38.55	-15.28	74.0	35.45	Peak	251.00	150	Horizontal	Pass
1**	1198.250	27.95	-15.28	54.0	26.05	AV	251.00	150	Horizontal	Pass
2	1564.750	39.21	-15.19	74.0	34.79	Peak	144.00	150	Horizontal	Pass
2**	1564.750	28.02	-15.19	54.0	25.98	AV	144.00	150	Horizontal	Pass
3	4929.000	50.93	-1.00	74.0	23.07	Peak	130.00	150	Horizontal	Pass
3**	4929.000	39.28	-1.00	54.0	14.72	AV	130.00	150	Horizontal	Pass
4	5787.000	101.03	0.38	--	119.97	Peak	221.00	150	Horizontal	N/A
4**	5787.000	93.36	0.38	--	-93.36	AV	221.00	150	Horizontal	N/A
5	11980.738	49.65	-0.94	74.0	24.35	Peak	141.00	150	Horizontal	Pass
5**	11980.738	38.88	-0.94	54.0	15.12	AV	141.00	150	Horizontal	Pass
6	15700.237	50.66	1.23	74.0	23.34	Peak	255.00	150	Horizontal	Pass
6**	15700.237	39.98	1.23	54.0	14.02	AV	255.00	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	1212.750	39.16	-15.60	74.0	34.84	Peak	258.00	150	Vertical	Pass
1**	1212.750	27.63	-15.60	54.0	26.37	AV	258.00	150	Vertical	Pass
2	1569.000	39.91	-15.22	74.0	34.09	Peak	182.00	150	Vertical	Pass
2**	1569.000	28.71	-15.22	54.0	25.29	AV	182.00	150	Vertical	Pass
3	5119.500	50.24	-0.83	74.0	23.76	Peak	218.00	150	Vertical	Pass
3**	5119.500	39.36	-0.83	54.0	14.64	AV	218.00	150	Vertical	Pass
4	5786.500	102.86	0.39	--	-33.86	Peak	69.00	150	Vertical	N/A
4**	5786.500	95.13	0.39	--	-95.13	AV	69.00	150	Vertical	N/A
5	11966.963	49.64	-1.04	74.0	24.36	Peak	139.00	150	Vertical	Pass
5**	11966.963	38.64	-1.04	54.0	15.36	AV	139.00	150	Vertical	Pass
6	15652.200	49.94	1.24	74.0	24.06	Peak	360.00	150	Vertical	Pass
6**	15652.200	39.41	1.24	54.0	14.59	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	1130.500	38.67	-15.62	74.0	35.33	Peak	231.00	150	Horizontal	Pass
1**	1130.500	27.59	-15.62	54.0	26.41	AV	231.00	150	Horizontal	Pass
2	1451.250	39.54	-15.34	74.0	34.46	Peak	283.00	150	Horizontal	Pass
2**	1451.250	28.46	-15.34	54.0	25.54	AV	283.00	150	Horizontal	Pass
3	4732.500	50.24	-1.95	74.0	23.76	Peak	351.00	150	Horizontal	Pass
3**	4732.500	38.60	-1.95	54.0	15.40	AV	351.00	150	Horizontal	Pass
4	5783.500	100.81	0.33	--	128.19	Peak	229.00	150	Horizontal	N/A
4**	5783.500	92.87	0.33	--	-92.87	AV	229.00	150	Horizontal	N/A
5	12500.150	49.66	-0.05	74.0	24.34	Peak	360.00	150	Horizontal	Pass
5**	12500.150	39.16	-0.05	54.0	14.84	AV	360.00	150	Horizontal	Pass
6	15612.562	50.57	1.09	74.0	23.43	Peak	351.00	150	Horizontal	Pass
6**	15612.562	39.98	1.09	54.0	14.02	AV	351.00	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	1201.500	38.80	-15.28	74.0	35.20	Peak	360.00	150	Vertical	Pass
1**	1201.500	27.87	-15.28	54.0	26.13	AV	360.00	150	Vertical	Pass
2	1572.750	39.12	-15.32	74.0	34.88	Peak	193.00	150	Vertical	Pass
2**	1572.750	28.32	-15.32	54.0	25.68	AV	193.00	150	Vertical	Pass
3	4085.000	47.94	-3.84	74.0	26.06	Peak	173.00	150	Vertical	Pass
3**	4085.000	36.13	-3.84	54.0	17.87	AV	173.00	150	Vertical	Pass
4	5787.500	102.18	0.36	--	161.82	Peak	264.00	150	Vertical	N/A
4**	5787.500	94.90	0.36	--	-94.90	AV	264.00	150	Vertical	N/A
5	11833.250	49.76	-1.32	74.0	24.24	Peak	216.00	150	Vertical	Pass
5**	11833.250	38.05	-1.32	54.0	15.95	AV	216.00	150	Vertical	Pass
6	15671.888	50.53	1.59	74.0	23.47	Peak	117.00	150	Vertical	Pass
6**	15671.888	39.69	1.59	54.0	14.31	AV	117.00	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	1178.750	38.57	-15.52	74.0	35.43	Peak	127.00	150	Horizontal	Pass
1**	1178.750	27.63	-15.52	54.0	26.37	AV	127.00	150	Horizontal	Pass
2	1515.750	39.39	-15.29	74.0	34.61	Peak	360.00	150	Horizontal	Pass
2**	1515.750	28.16	-15.29	54.0	25.84	AV	360.00	150	Horizontal	Pass
3	4332.500	48.70	-2.52	74.0	25.30	Peak	261.00	150	Horizontal	Pass
3**	4332.500	37.45	-2.52	54.0	16.55	AV	261.00	150	Horizontal	Pass
4	5756.500	96.25	0.05	--	133.75	Peak	230.00	150	Horizontal	N/A
4**	5756.500	88.57	0.05	--	-88.57	AV	230.00	150	Horizontal	N/A
5	11951.050	49.74	-1.16	74.0	24.26	Peak	166.00	150	Horizontal	Pass
5**	11951.050	39.28	-1.16	54.0	14.72	AV	166.00	150	Horizontal	Pass
6	15762.975	50.89	1.00	74.0	23.11	Peak	51.00	150	Horizontal	Pass
6**	15762.975	40.34	1.00	54.0	13.66	AV	51.00	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	1188.750	38.71	-15.34	74.0	35.29	Peak	270.00	150	Vertical	Pass
1**	1188.750	27.67	-15.34	54.0	26.33	AV	270.00	150	Vertical	Pass
2	1554.750	39.21	-15.35	74.0	34.79	Peak	275.00	150	Vertical	Pass
2**	1554.750	27.99	-15.35	54.0	26.01	AV	275.00	150	Vertical	Pass
3	4136.500	47.27	-3.41	74.0	26.73	Peak	0.00	150	Vertical	Pass
3**	4136.500	36.18	-3.41	54.0	17.82	AV	0.00	150	Vertical	Pass
4	5757.000	101.48	0.04	--	-31.48	Peak	70.00	150	Vertical	N/A
4**	5757.000	93.54	0.04	--	-93.54	AV	70.00	150	Vertical	N/A
5	11287.000	49.63	-1.50	74.0	24.37	Peak	283.00	150	Vertical	Pass
5**	11287.000	38.96	-1.50	54.0	15.04	AV	283.00	150	Vertical	Pass
6	15750.375	50.53	0.60	74.0	23.47	Peak	291.00	150	Vertical	Pass
6**	15750.375	39.60	0.60	54.0	14.40	AV	291.00	150	Vertical	Pass

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

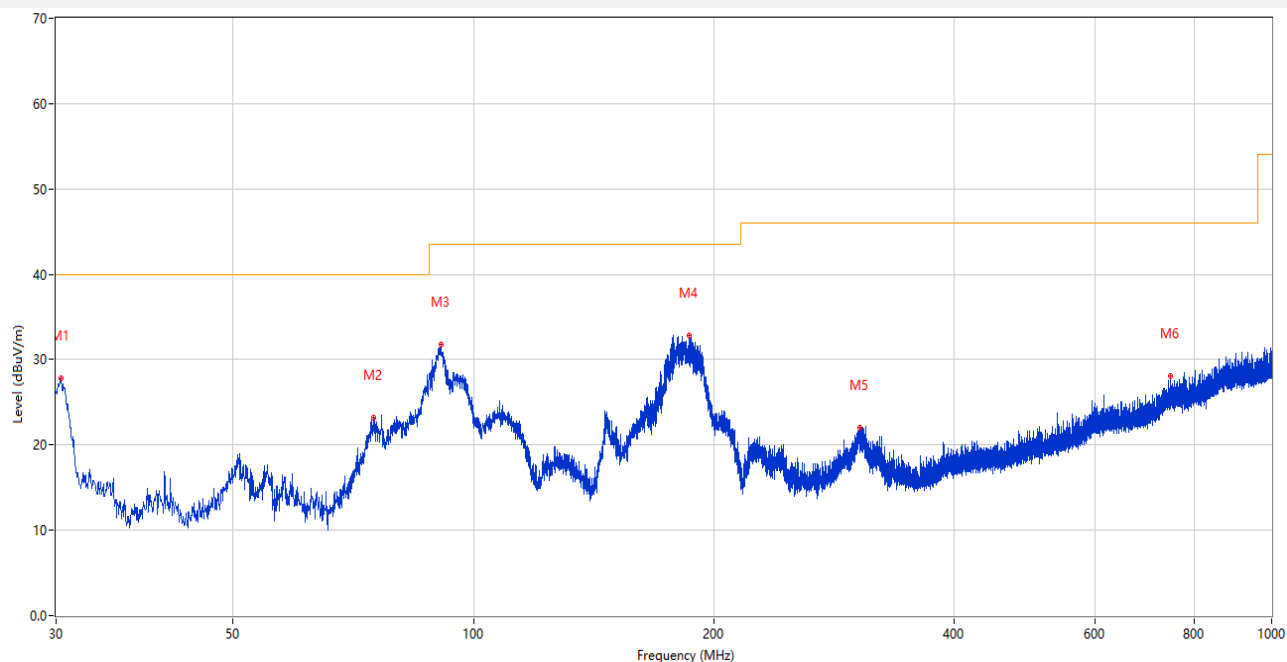
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1204.250	38.49	-15.33	74.0	35.51	Peak	201.00	150	Horizontal	Pass
1**	1204.250	27.70	-15.33	54.0	26.30	AV	201.00	150	Horizontal	Pass
2	1679.500	39.55	-15.42	74.0	34.45	Peak	360.00	150	Horizontal	Pass
2**	1679.500	28.40	-15.42	54.0	25.60	AV	360.00	150	Horizontal	Pass
3	4211.500	47.81	-2.38	74.0	26.19	Peak	168.00	150	Horizontal	Pass
3**	4211.500	37.16	-2.38	54.0	16.84	AV	168.00	150	Horizontal	Pass
4	5778.000	94.16	0.36	--	133.84	Peak	228.00	150	Horizontal	N/A
4**	5778.000	86.16	0.36	--	-86.16	AV	228.00	150	Horizontal	N/A
5	12580.901	50.52	-0.03	74.0	23.48	Peak	333.00	150	Horizontal	Pass
5**	12580.901	39.41	-0.03	54.0	14.59	AV	333.00	150	Horizontal	Pass
6	15798.938	50.80	0.97	74.0	23.20	Peak	187.00	150	Horizontal	Pass
6**	15798.938	39.18	0.97	54.0	14.82	AV	187.00	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	1191.750	38.84	-15.27	74.0	35.16	Peak	360.00	150	Vertical	Pass
1**	1191.750	28.05	-15.27	54.0	25.95	AV	360.00	150	Vertical	Pass
2	1620.750	39.98	-15.24	74.0	34.02	Peak	44.00	150	Vertical	Pass
2**	1620.750	28.62	-15.24	54.0	25.38	AV	44.00	150	Vertical	Pass
3	4292.500	47.70	-3.14	74.0	26.30	Peak	0.00	150	Vertical	Pass
3**	4292.500	36.68	-3.14	54.0	17.32	AV	0.00	150	Vertical	Pass
4	5781.500	97.89	0.35	--	-28.89	Peak	69.00	150	Vertical	N/A
4**	5781.500	88.81	0.35	--	-88.81	AV	69.00	150	Vertical	N/A
5	11873.625	49.48	-0.76	74.0	24.52	Peak	142.00	150	Vertical	Pass
5**	11873.625	39.08	-0.76	54.0	14.92	AV	142.00	150	Vertical	Pass
6	15713.100	50.15	1.29	74.0	23.85	Peak	326.00	150	Vertical	Pass
6**	15713.100	39.90	1.29	54.0	14.10	AV	326.00	150	Vertical	Pass

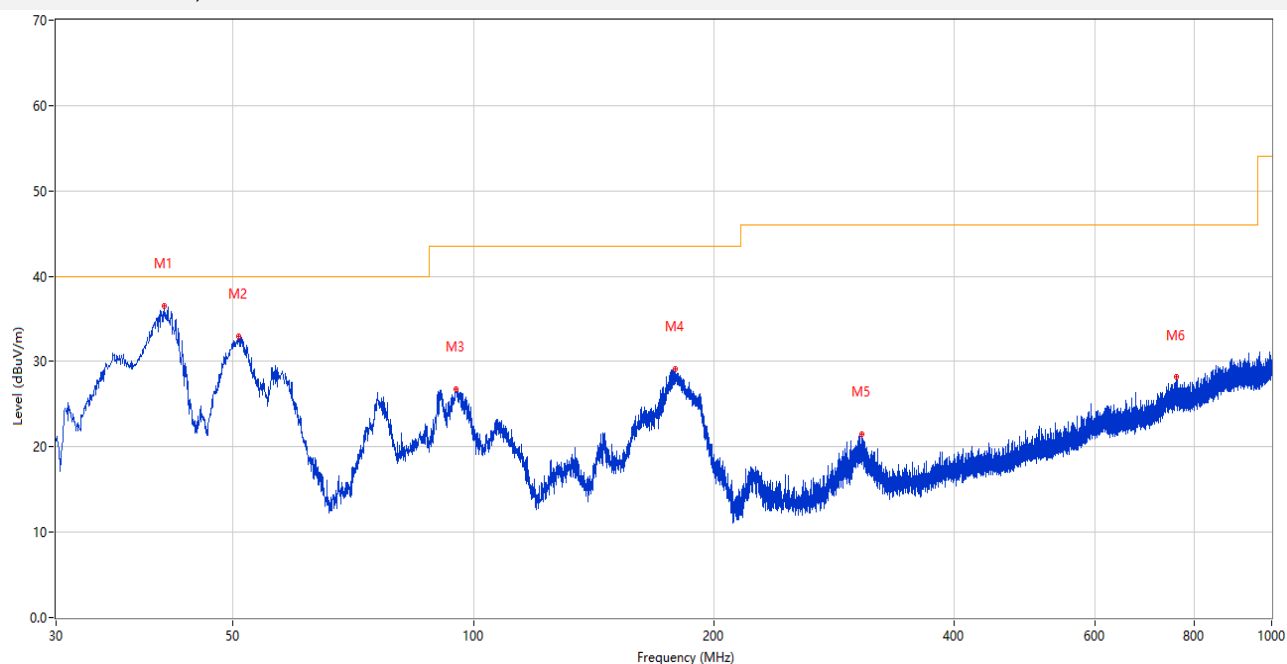
SISO Antenna 1

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	30.436	27.87	-28.97	40.0	12.13	Peak	354.00	200	Horizontal	Pass
2	75.057	23.22	-30.47	40.0	16.78	Peak	169.00	200	Horizontal	Pass
3	91.013	31.83	-27.77	43.5	11.67	Peak	187.00	200	Horizontal	Pass
4	186.316	32.87	-26.95	43.5	10.63	Peak	248.00	100	Horizontal	Pass
5	304.801	22.08	-23.27	46.0	23.92	Peak	101.00	100	Horizontal	Pass
6	747.024	28.10	-11.94	46.0	17.90	Peak	261.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	41.010	36.47	-25.59	40.0	3.53	Peak	0.00	100	Vertical	Pass
2	50.758	32.92	-24.57	40.0	7.08	Peak	0.00	100	Vertical	Pass
3	95.038	26.80	-26.69	43.5	16.70	Peak	104.00	200	Vertical	Pass
4	178.846	29.11	-27.90	43.5	14.39	Peak	360.00	200	Vertical	Pass
5	306.935	21.49	-23.26	46.0	24.51	Peak	107.00	100	Vertical	Pass
6	759.294	28.15	-11.96	46.0	17.85	Peak	0.00	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	1470.750	39.14	-16.15	74.0	34.86	Peak	43.00	150	Horizontal	Pass
1**	1470.750	27.44	-16.15	54.0	26.56	AV	43.00	150	Horizontal	Pass
2	2840.000	45.28	-7.86	74.0	28.72	Peak	285.00	150	Horizontal	Pass
2**	2840.000	33.42	-7.86	54.0	20.58	AV	285.00	150	Horizontal	Pass
3	4209.000	48.70	-2.86	74.0	25.30	Peak	299.00	150	Horizontal	Pass
3**	4209.000	37.40	-2.86	54.0	16.60	AV	299.00	150	Horizontal	Pass
4	5219.000	103.93	-0.25	--	28.07	Peak	132.00	150	Horizontal	N/A
4**	5219.000	96.44	-0.25	--	-96.44	AV	132.00	150	Horizontal	N/A
5	11667.000	49.83	-2.52	74.0	24.17	Peak	305.00	150	Horizontal	Pass
5**	11667.000	39.20	-2.52	54.0	14.80	AV	305.00	150	Horizontal	Pass
6	15770.500	50.72	0.08	74.0	23.28	Peak	339.00	150	Horizontal	Pass
6**	15770.500	39.39	0.08	54.0	14.61	AV	339.00	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	1552.000	38.92	-16.25	74.0	35.08	Peak	281.00	150	Vertical	Pass
1**	1552.000	27.27	-16.25	54.0	26.73	AV	281.00	150	Vertical	Pass
2	2777.750	45.19	-8.49	74.0	28.81	Peak	89.00	150	Vertical	Pass
2**	2777.750	32.99	-8.49	54.0	21.01	AV	89.00	150	Vertical	Pass
3	4171.500	48.89	-2.77	74.0	25.11	Peak	360.00	150	Vertical	Pass
3**	4171.500	37.02	-2.77	54.0	16.98	AV	360.00	150	Vertical	Pass
4	5218.500	103.77	-0.24	--	-27.77	Peak	76.00	150	Vertical	N/A
4**	5218.500	95.70	-0.24	--	-95.70	AV	76.00	150	Vertical	N/A
5	12267.500	51.18	-1.91	74.0	22.82	Peak	54.00	150	Vertical	Pass
5**	12267.500	39.70	-1.91	54.0	14.30	AV	54.00	150	Vertical	Pass
6	15847.500	51.02	-0.12	74.0	22.98	Peak	290.00	150	Vertical	Pass
6**	15847.500	40.46	-0.12	54.0	13.54	AV	290.00	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	1502.250	38.43	-16.54	74.0	35.57	Peak	291.00	150	Horizontal	Pass
1**	1502.250	27.46	-16.54	54.0	26.54	AV	291.00	150	Horizontal	Pass
2	2788.250	45.44	-7.98	74.0	28.56	Peak	200.00	150	Horizontal	Pass
2**	2788.250	32.85	-7.98	54.0	21.15	AV	200.00	150	Horizontal	Pass
3	4297.500	50.24	-2.79	74.0	23.76	Peak	236.00	150	Horizontal	Pass
3**	4297.500	37.44	-2.79	54.0	16.56	AV	236.00	150	Horizontal	Pass
4	5218.500	104.87	-0.24	--	29.13	Peak	134.00	150	Horizontal	N/A
4**	5218.500	96.99	-0.24	--	-96.99	AV	134.00	150	Horizontal	N/A
5	11599.500	49.81	-2.52	74.0	24.19	Peak	332.00	150	Horizontal	Pass
5**	11599.500	39.64	-2.52	54.0	14.36	AV	332.00	150	Horizontal	Pass
6	15708.500	51.02	-0.07	74.0	22.98	Peak	160.00	150	Horizontal	Pass
6**	15708.500	40.42	-0.07	54.0	13.58	AV	160.00	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	1555.750	38.65	-16.21	74.0	35.35	Peak	113.00	150	Vertical	Pass
1**	1555.750	27.23	-16.21	54.0	26.77	AV	113.00	150	Vertical	Pass
2	2815.750	45.17	-8.66	74.0	28.83	Peak	144.00	150	Vertical	Pass
2**	2815.750	32.88	-8.66	54.0	21.12	AV	144.00	150	Vertical	Pass
3	4129.500	49.32	-3.48	74.0	24.68	Peak	56.00	150	Vertical	Pass
3**	4129.500	37.17	-3.48	54.0	16.83	AV	56.00	150	Vertical	Pass
4	5218.500	103.35	-0.24	--	-26.35	Peak	77.00	150	Vertical	N/A
4**	5218.500	95.22	-0.24	--	-95.22	AV	77.00	150	Vertical	N/A
5	10935.500	50.41	-2.98	74.0	23.59	Peak	58.00	150	Vertical	Pass
5**	10935.500	38.94	-2.98	54.0	15.06	AV	58.00	150	Vertical	Pass
6	15948.500	51.95	-0.58	74.0	22.05	Peak	14.00	150	Vertical	Pass
6**	15948.500	40.02	-0.58	54.0	13.98	AV	14.00	150	Vertical	Pass

11ac40, U-NII-1, 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	1603.500	39.49	-16.21	74.0	34.51	Peak	247.00	150	Horizontal	Pass
1**	1603.500	27.19	-16.21	54.0	26.81	AV	247.00	150	Horizontal	Pass
2	2761.500	45.53	-8.95	74.0	28.47	Peak	58.00	150	Horizontal	Pass
2**	2761.500	33.28	-8.95	54.0	20.72	AV	58.00	150	Horizontal	Pass
3	4077.500	48.51	-3.33	74.0	25.49	Peak	223.00	150	Horizontal	Pass
3**	4077.500	36.16	-3.33	54.0	17.84	AV	223.00	150	Horizontal	Pass
4	5193.000	102.21	-0.21	--	30.79	Peak	133.00	150	Horizontal	N/A
4**	5193.000	94.15	-0.21	--	-94.15	AV	133.00	150	Horizontal	N/A
5	12404.500	50.32	-1.76	74.0	23.68	Peak	130.00	150	Horizontal	Pass
5**	12404.500	39.46	-1.76	54.0	14.54	AV	130.00	150	Horizontal	Pass
6	16110.000	51.71	0.37	74.0	22.29	Peak	280.00	150	Horizontal	Pass
6**	16110.000	41.58	0.37	54.0	12.42	AV	280.00	150	Horizontal	Pass

11ac40, U-NII-1, 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	1512.750	39.25	-16.38	74.0	34.75	Peak	245.00	150	Vertical	Pass
1**	1512.750	27.39	-16.38	54.0	26.61	AV	245.00	150	Vertical	Pass
2	2837.250	45.21	-7.84	74.0	28.79	Peak	7.00	150	Vertical	Pass
2**	2837.250	33.51	-7.84	54.0	20.49	AV	7.00	150	Vertical	Pass
3	4323.500	49.32	-2.78	74.0	24.68	Peak	360.00	150	Vertical	Pass
3**	4323.500	37.81	-2.78	54.0	16.19	AV	360.00	150	Vertical	Pass
4	5191.500	100.38	-0.21	--	13.62	Peak	114.00	150	Vertical	N/A
4**	5191.500	92.37	-0.21	--	-92.37	AV	114.00	150	Vertical	N/A
5	11478.000	49.61	-2.89	74.0	24.39	Peak	13.00	150	Vertical	Pass
5**	11478.000	39.60	-2.89	54.0	14.40	AV	13.00	150	Vertical	Pass
6	15992.001	50.85	-0.80	74.0	23.15	Peak	105.00	150	Vertical	Pass
6**	15992.001	40.95	-0.80	54.0	13.05	AV	105.00	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	1501.000	39.07	-16.55	74.0	34.93	Peak	263.00	150	Horizontal	Pass
1**	1501.000	26.98	-16.55	54.0	27.02	AV	263.00	150	Horizontal	Pass
2	2857.250	45.47	-8.16	74.0	28.53	Peak	300.00	150	Horizontal	Pass
2**	2857.250	33.57	-8.16	54.0	20.43	AV	300.00	150	Horizontal	Pass
3	4276.000	49.65	-2.91	74.0	24.35	Peak	45.00	150	Horizontal	Pass
3**	4276.000	36.74	-2.91	54.0	17.26	AV	45.00	150	Horizontal	Pass
4	5213.000	98.09	-0.15	--	31.91	Peak	130.00	150	Horizontal	N/A
4**	5213.000	90.13	-0.15	--	-90.13	AV	130.00	150	Horizontal	N/A
5	11487.500	50.16	-2.96	74.0	23.84	Peak	138.00	150	Horizontal	Pass
5**	11487.500	39.31	-2.96	54.0	14.69	AV	138.00	150	Horizontal	Pass
6	15863.500	50.48	-0.11	74.0	23.52	Peak	63.00	150	Horizontal	Pass
6**	15863.500	40.66	-0.11	54.0	13.34	AV	63.00	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	1607.250	39.27	-16.12	74.0	34.73	Peak	124.00	150	Vertical	Pass
1**	1607.250	27.49	-16.12	54.0	26.51	AV	124.00	150	Vertical	Pass
2	2818.000	45.50	-8.57	74.0	28.50	Peak	3.00	150	Vertical	Pass
2**	2818.000	32.86	-8.57	54.0	21.14	AV	3.00	150	Vertical	Pass
3	4184.000	48.28	-2.70	74.0	25.72	Peak	298.00	150	Vertical	Pass
3**	4184.000	36.99	-2.70	54.0	17.01	AV	298.00	150	Vertical	Pass
4	5219.000	97.55	-0.25	--	-29.55	Peak	68.00	150	Vertical	N/A
4**	5219.000	88.20	-0.25	--	-88.20	AV	68.00	150	Vertical	N/A
5	12280.001	50.35	-1.65	74.0	23.65	Peak	53.00	150	Vertical	Pass
5**	12280.001	39.90	-1.65	54.0	14.10	AV	53.00	150	Vertical	Pass
6	15844.500	51.72	-0.14	74.0	22.28	Peak	15.00	150	Vertical	Pass
6**	15844.500	40.85	-0.14	54.0	13.15	AV	15.00	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	1511.500	38.23	-16.41	74.0	35.77	Peak	225.00	150	Horizontal	Pass
1**	1511.500	27.30	-16.41	54.0	26.70	AV	225.00	150	Horizontal	Pass
2	2818.250	45.77	-8.56	74.0	28.23	Peak	343.00	150	Horizontal	Pass
2**	2818.250	33.08	-8.56	54.0	20.92	AV	343.00	150	Horizontal	Pass
3	4305.500	49.71	-2.80	74.0	24.29	Peak	183.00	150	Horizontal	Pass
3**	4305.500	37.85	-2.80	54.0	16.15	AV	183.00	150	Horizontal	Pass
4	5301.500	104.53	0.05	--	26.47	Peak	131.00	150	Horizontal	N/A
4**	5301.500	96.99	0.05	--	-96.99	AV	131.00	150	Horizontal	N/A
5	11815.500	50.52	-3.04	74.0	23.48	Peak	104.00	150	Horizontal	Pass
5**	11815.500	38.06	-3.04	54.0	15.94	AV	104.00	150	Horizontal	Pass
6	16092.000	52.03	0.15	74.0	21.97	Peak	166.00	150	Horizontal	Pass
6**	16092.000	41.07	0.15	54.0	12.93	AV	166.00	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	1556.250	38.51	-16.20	74.0	35.49	Peak	337.00	150	Vertical	Pass
1**	1556.250	27.46	-16.20	54.0	26.54	AV	337.00	150	Vertical	Pass
2	2809.000	45.28	-8.84	74.0	28.72	Peak	215.00	150	Vertical	Pass
2**	2809.000	33.09	-8.84	54.0	20.91	AV	215.00	150	Vertical	Pass
3	4067.500	48.77	-3.36	74.0	25.23	Peak	282.00	150	Vertical	Pass
3**	4067.500	36.15	-3.36	54.0	17.85	AV	282.00	150	Vertical	Pass
4	5298.500	103.96	0.02	--	-19.96	Peak	84.00	150	Vertical	N/A
4**	5298.500	95.86	0.02	--	-95.86	AV	84.00	150	Vertical	N/A
5	10962.000	49.91	-3.23	74.0	24.09	Peak	205.00	150	Vertical	Pass
5**	10962.000	39.29	-3.23	54.0	14.71	AV	205.00	150	Vertical	Pass
6	15987.000	51.20	-0.74	74.0	22.80	Peak	157.00	150	Vertical	Pass
6**	15987.000	41.00	-0.74	54.0	13.00	AV	157.00	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	1562.250	39.09	-16.14	74.0	34.91	Peak	345.00	150	Horizontal	Pass
1**	1562.250	27.52	-16.14	54.0	26.48	AV	345.00	150	Horizontal	Pass
2	2837.250	44.92	-7.84	74.0	29.08	Peak	319.00	150	Horizontal	Pass
2**	2837.250	33.35	-7.84	54.0	20.65	AV	319.00	150	Horizontal	Pass
3	4284.000	49.84	-2.86	74.0	24.16	Peak	343.00	150	Horizontal	Pass
3**	4284.000	37.18	-2.86	54.0	16.82	AV	343.00	150	Horizontal	Pass
4	5302.000	104.31	0.05	--	24.69	Peak	129.00	150	Horizontal	N/A
4**	5302.000	96.09	0.05	--	-96.09	AV	129.00	150	Horizontal	N/A
5	12336.000	50.30	-1.42	74.0	23.70	Peak	124.00	150	Horizontal	Pass
5**	12336.000	39.45	-1.42	54.0	14.55	AV	124.00	150	Horizontal	Pass
6	15983.000	50.90	-0.70	74.0	23.10	Peak	263.00	150	Horizontal	Pass
6**	15983.000	40.73	-0.70	54.0	13.27	AV	263.00	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	1516.500	39.96	-16.26	74.0	34.04	Peak	281.00	150	Vertical	Pass
1**	1516.500	27.60	-16.26	54.0	26.40	AV	281.00	150	Vertical	Pass
2	2857.000	45.70	-8.16	74.0	28.30	Peak	115.00	150	Vertical	Pass
2**	2857.000	33.40	-8.16	54.0	20.60	AV	115.00	150	Vertical	Pass
3	4203.500	48.59	-2.74	74.0	25.41	Peak	344.00	150	Vertical	Pass
3**	4203.500	38.03	-2.74	54.0	15.97	AV	344.00	150	Vertical	Pass
4	5302.000	103.21	0.05	--	-5.21	Peak	98.00	150	Vertical	N/A
4**	5302.000	95.94	0.05	--	-95.94	AV	98.00	150	Vertical	N/A
5	11500.500	50.22	-3.13	74.0	23.78	Peak	254.00	150	Vertical	Pass
5**	11500.500	39.31	-3.13	54.0	14.69	AV	254.00	150	Vertical	Pass
6	15579.000	51.28	-0.42	74.0	22.72	Peak	15.00	150	Vertical	Pass
6**	15579.000	40.52	-0.42	54.0	13.48	AV	15.00	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	1482.000	38.41	-16.25	74.0	35.59	Peak	194.00	150	Horizontal	Pass
1**	1482.000	27.30	-16.25	54.0	26.70	AV	194.00	150	Horizontal	Pass
2	2815.500	45.21	-8.67	74.0	28.79	Peak	85.00	150	Horizontal	Pass
2**	2815.500	33.19	-8.67	54.0	20.81	AV	85.00	150	Horizontal	Pass
3	4135.500	48.31	-3.53	74.0	25.69	Peak	360.00	150	Horizontal	Pass
3**	4135.500	36.44	-3.53	54.0	17.56	AV	360.00	150	Horizontal	Pass
4	5273.000	102.10	-0.49	--	29.90	Peak	132.00	150	Horizontal	N/A
4**	5273.000	93.94	-0.49	--	-93.94	AV	132.00	150	Horizontal	N/A
5	12346.500	50.16	-1.48	74.0	23.84	Peak	241.00	150	Horizontal	Pass
5**	12346.500	40.48	-1.48	54.0	13.52	AV	241.00	150	Horizontal	Pass
6	15553.000	50.73	-0.38	74.0	23.27	Peak	292.00	150	Horizontal	Pass
6**	15553.000	40.13	-0.38	54.0	13.87	AV	292.00	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	1581.250	39.15	-16.14	74.0	34.85	Peak	155.00	150	Vertical	Pass
1**	1581.250	27.73	-16.14	54.0	26.27	AV	155.00	150	Vertical	Pass
2	2838.250	45.48	-7.85	74.0	28.52	Peak	78.00	150	Vertical	Pass
2**	2838.250	33.76	-7.85	54.0	20.24	AV	78.00	150	Vertical	Pass
3	4174.000	48.57	-2.75	74.0	25.43	Peak	360.00	150	Vertical	Pass
3**	4174.000	37.28	-2.75	54.0	16.72	AV	360.00	150	Vertical	Pass
4	5271.500	100.25	-0.52	--	-41.25	Peak	59.00	150	Vertical	N/A
4**	5271.500	92.10	-0.52	--	-92.10	AV	59.00	150	Vertical	N/A
5	11600.500	50.13	-2.52	74.0	23.87	Peak	338.00	150	Vertical	Pass
5**	11600.500	40.17	-2.52	54.0	13.83	AV	338.00	150	Vertical	Pass
6	16128.500	51.91	-0.08	74.0	22.09	Peak	333.00	150	Vertical	Pass
6**	16128.500	40.68	-0.08	54.0	13.32	AV	333.00	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	1537.250	39.61	-16.22	74.0	34.39	Peak	19.00	150	Horizontal	Pass
1**	1537.250	27.43	-16.22	54.0	26.57	AV	19.00	150	Horizontal	Pass
2	2848.250	45.42	-7.93	74.0	28.58	Peak	289.00	150	Horizontal	Pass
2**	2848.250	33.53	-7.93	54.0	20.47	AV	289.00	150	Horizontal	Pass
3	4206.000	48.74	-2.80	74.0	25.26	Peak	328.00	150	Horizontal	Pass
3**	4206.000	37.23	-2.80	54.0	16.77	AV	328.00	150	Horizontal	Pass
4	5283.500	98.85	-0.27	--	31.15	Peak	130.00	150	Horizontal	N/A
4**	5283.500	89.29	-0.27	--	-89.29	AV	130.00	150	Horizontal	N/A
5	11590.000	49.61	-2.51	74.0	24.39	Peak	136.00	150	Horizontal	Pass
5**	11590.000	38.86	-2.51	54.0	15.14	AV	136.00	150	Horizontal	Pass
6	15969.000	51.32	-0.56	74.0	22.68	Peak	59.00	150	Horizontal	Pass
6**	15969.000	41.31	-0.56	54.0	12.69	AV	59.00	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	1492.250	38.48	-16.54	74.0	35.52	Peak	139.00	150	Vertical	Pass
1**	1492.250	26.93	-16.54	54.0	27.07	AV	139.00	150	Vertical	Pass
2	2838.750	45.56	-7.86	74.0	28.44	Peak	193.00	150	Vertical	Pass
2**	2838.750	32.98	-7.86	54.0	21.02	AV	193.00	150	Vertical	Pass
3	4181.000	49.00	-2.71	74.0	25.00	Peak	155.00	150	Vertical	Pass
3**	4181.000	38.02	-2.71	54.0	15.98	AV	155.00	150	Vertical	Pass
4	5283.000	97.70	-0.28	--	-2.70	Peak	95.00	150	Vertical	N/A
4**	5283.000	88.67	-0.28	--	-88.67	AV	95.00	150	Vertical	N/A
5	10956.500	49.27	-3.18	74.0	24.73	Peak	360.00	150	Vertical	Pass
5**	10956.500	39.18	-3.18	54.0	14.82	AV	360.00	150	Vertical	Pass
6	16102.500	52.25	0.29	74.0	21.75	Peak	67.00	150	Vertical	Pass
6**	16102.500	40.75	0.29	54.0	13.25	AV	67.00	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	1610.750	39.19	-16.06	74.0	34.81	Peak	325.00	150	Horizontal	Pass
1**	1610.750	27.55	-16.06	54.0	26.45	AV	325.00	150	Horizontal	Pass
2	2856.750	45.65	-8.15	74.0	28.35	Peak	30.00	150	Horizontal	Pass
2**	2856.750	33.92	-8.15	54.0	20.08	AV	30.00	150	Horizontal	Pass
3	4305.500	49.12	-2.80	74.0	24.88	Peak	187.00	150	Horizontal	Pass
3**	4305.500	37.61	-2.80	54.0	16.39	AV	187.00	150	Horizontal	Pass
4	5581.500	105.15	-1.18	--	37.85	Peak	143.00	150	Horizontal	N/A
4**	5581.500	97.64	-1.18	--	-97.64	AV	143.00	150	Horizontal	N/A
5	12014.000	49.56	-2.47	74.0	24.44	Peak	0.00	150	Horizontal	Pass
5**	12014.000	39.16	-2.47	54.0	14.84	AV	0.00	150	Horizontal	Pass
6	16108.000	51.79	0.35	74.0	22.21	Peak	123.00	150	Horizontal	Pass
6**	16108.000	41.15	0.35	54.0	12.85	AV	123.00	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	1529.500	39.36	-16.13	74.0	34.64	Peak	73.00	150	Vertical	Pass
1**	1529.500	27.32	-16.13	54.0	26.68	AV	73.00	150	Vertical	Pass
2	2820.750	45.38	-8.44	74.0	28.62	Peak	52.00	150	Vertical	Pass
2**	2820.750	33.26	-8.44	54.0	20.74	AV	52.00	150	Vertical	Pass
3	4113.500	49.11	-3.29	74.0	24.89	Peak	21.00	150	Vertical	Pass
3**	4113.500	36.99	-3.29	54.0	17.01	AV	21.00	150	Vertical	Pass
4	5580.000	102.33	-1.18	--	-3.33	Peak	99.00	150	Vertical	N/A
4**	5580.000	93.75	-1.18	--	-93.75	AV	99.00	150	Vertical	N/A
5	11553.500	50.19	-2.42	74.0	23.81	Peak	6.00	150	Vertical	Pass
5**	11553.500	39.15	-2.42	54.0	14.85	AV	6.00	150	Vertical	Pass
6	16113.500	51.73	0.28	74.0	22.27	Peak	348.00	150	Vertical	Pass
6**	16113.500	41.38	0.28	54.0	12.62	AV	348.00	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	1544.500	38.96	-16.26	74.0	35.04	Peak	149.00	150	Horizontal	Pass
1**	1544.500	27.80	-16.26	54.0	26.20	AV	149.00	150	Horizontal	Pass
2	2836.750	45.90	-7.84	74.0	28.10	Peak	214.00	150	Horizontal	Pass
2**	2836.750	33.35	-7.84	54.0	20.65	AV	214.00	150	Horizontal	Pass
3	4222.000	49.54	-3.19	74.0	24.46	Peak	347.00	150	Horizontal	Pass
3**	4222.000	37.01	-3.19	54.0	16.99	AV	347.00	150	Horizontal	Pass
4	5581.000	104.74	-1.18	--	37.26	Peak	142.00	150	Horizontal	N/A
4**	5581.000	96.71	-1.18	--	-96.71	AV	142.00	150	Horizontal	N/A
5	11604.500	50.48	-2.52	74.0	23.52	Peak	290.00	150	Horizontal	Pass
5**	11604.500	39.16	-2.52	54.0	14.84	AV	290.00	150	Horizontal	Pass
6	16117.500	51.61	0.19	74.0	22.39	Peak	133.00	150	Horizontal	Pass
6**	16117.500	41.52	0.19	54.0	12.48	AV	133.00	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)	v	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1409.500	39.26	-16.55	74.0	34.74	Peak	149.00	150	Vertical	Pass
1**	1409.500	27.23	-16.55	54.0	26.77	AV	149.00	150	Vertical	Pass
2	2845.500	45.19	-7.91	74.0	28.81	Peak	32.00	150	Vertical	Pass
2**	2845.500	33.65	-7.91	54.0	20.35	AV	32.00	150	Vertical	Pass
3	5036.500	51.59	-0.88	74.0	22.41	Peak	0.00	150	Vertical	Pass
3**	5036.500	39.50	-0.88	54.0	14.50	AV	0.00	150	Vertical	Pass
4	5578.500	102.50	-1.18	--	149.50	Peak	252.00	150	Vertical	N/A
4**	5578.500	94.44	-1.18	--	-94.44	AV	252.00	150	Vertical	N/A
5	12371.000	50.09	-1.62	74.0	23.91	Peak	176.00	150	Vertical	Pass
5**	12371.000	39.87	-1.62	54.0	14.13	AV	176.00	150	Vertical	Pass
6	15948.500	51.26	-0.58	74.0	22.74	Peak	351.00	150	Vertical	Pass
6**	15948.500	40.24	-0.58	54.0	13.76	AV	351.00	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	1314.000	39.10	-16.26	74.0	34.90	Peak	307.00	150	Horizontal	Pass
1**	1314.000	27.17	-16.26	54.0	26.83	AV	307.00	150	Horizontal	Pass
2	2770.750	45.07	-8.66	74.0	28.93	Peak	295.00	150	Horizontal	Pass
2**	2770.750	33.17	-8.66	54.0	20.83	AV	295.00	150	Horizontal	Pass
3	4198.000	49.68	-2.67	74.0	24.32	Peak	181.00	150	Horizontal	Pass
3**	4198.000	37.55	-2.67	54.0	16.45	AV	181.00	150	Horizontal	Pass
4	5592.000	103.58	-1.16	--	38.42	Peak	142.00	150	Horizontal	N/A
4**	5592.000	96.12	-1.16	--	-96.12	AV	142.00	150	Horizontal	N/A
5	11626.000	49.96	-2.48	74.0	24.04	Peak	338.00	150	Horizontal	Pass
5**	11626.000	39.52	-2.48	54.0	14.48	AV	338.00	150	Horizontal	Pass
6	15678.500	51.53	0.06	74.0	22.47	Peak	6.00	150	Horizontal	Pass
6**	15678.500	40.73	0.06	54.0	13.27	AV	6.00	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	1589.750	38.99	-16.31	74.0	35.01	Peak	180.00	150	Vertical	Pass
1**	1589.750	27.88	-16.31	54.0	26.12	AV	180.00	150	Vertical	Pass
2	2827.250	46.21	-7.98	74.0	27.79	Peak	238.00	150	Vertical	Pass
2**	2827.250	33.32	-7.98	54.0	20.68	AV	238.00	150	Vertical	Pass
3	4179.500	48.97	-2.71	74.0	25.03	Peak	259.00	150	Vertical	Pass
3**	4179.500	37.21	-2.71	54.0	16.79	AV	259.00	150	Vertical	Pass
4	5592.000	100.40	-1.16	--	146.60	Peak	247.00	150	Vertical	N/A
4**	5592.000	92.46	-1.16	--	-92.46	AV	247.00	150	Vertical	N/A
5	11049.000	50.21	-3.08	74.0	23.79	Peak	230.00	150	Vertical	Pass
5**	11049.000	38.80	-3.08	54.0	15.20	AV	230.00	150	Vertical	Pass
6	15797.500	51.32	0.25	74.0	22.68	Peak	252.00	150	Vertical	Pass
6**	15797.500	40.30	0.25	54.0	13.70	AV	252.00	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	1503.250	39.48	-16.53	74.0	34.52	Peak	50.00	150	Horizontal	Pass
1**	1503.250	27.33	-16.53	54.0	26.67	AV	50.00	150	Horizontal	Pass
2	2839.250	45.49	-7.86	74.0	28.51	Peak	295.00	150	Horizontal	Pass
2**	2839.250	33.26	-7.86	54.0	20.74	AV	295.00	150	Horizontal	Pass
3	4202.500	49.27	-2.72	74.0	24.73	Peak	10.00	150	Horizontal	Pass
3**	4202.500	37.51	-2.72	54.0	16.49	AV	10.00	150	Horizontal	Pass
4	5536.000	100.47	-0.56	--	35.53	Peak	136.00	150	Horizontal	N/A
4**	5536.000	92.14	-0.56	--	-92.14	AV	136.00	150	Horizontal	N/A
5	11018.000	49.83	-2.90	74.0	24.17	Peak	312.00	150	Horizontal	Pass
5**	11018.000	38.53	-2.90	54.0	15.47	AV	312.00	150	Horizontal	Pass
6	15825.000	51.04	-0.06	74.0	22.96	Peak	286.00	150	Horizontal	Pass
6**	15825.000	40.11	-0.06	54.0	13.89	AV	286.00	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	1605.000	39.74	-16.18	74.0	34.26	Peak	276.00	150	Vertical	Pass
1**	1605.000	27.65	-16.18	54.0	26.35	AV	276.00	150	Vertical	Pass
2	2850.000	45.61	-7.94	74.0	28.39	Peak	155.00	150	Vertical	Pass
2**	2850.000	33.73	-7.94	54.0	20.27	AV	155.00	150	Vertical	Pass
3	4319.500	49.28	-2.85	74.0	24.72	Peak	154.00	150	Vertical	Pass
3**	4319.500	37.53	-2.85	54.0	16.47	AV	154.00	150	Vertical	Pass
4	5523.000	97.56	-0.42	--	185.44	Peak	283.00	150	Vertical	N/A
4**	5523.000	88.21	-0.42	--	-88.21	AV	283.00	150	Vertical	N/A
5	11604.500	50.09	-2.52	74.0	23.91	Peak	303.00	150	Vertical	Pass
5**	11604.500	39.11	-2.52	54.0	14.89	AV	303.00	150	Vertical	Pass
6	15851.000	50.98	-0.10	74.0	23.02	Peak	257.00	150	Vertical	Pass
6**	15851.000	40.51	-0.10	54.0	13.49	AV	257.00	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	1568.250	38.98	-16.08	74.0	35.02	Peak	311.00	150	Horizontal	Pass
1**	1568.250	27.13	-16.08	54.0	26.87	AV	311.00	150	Horizontal	Pass
2	2775.500	45.47	-8.55	74.0	28.53	Peak	293.00	150	Horizontal	Pass
2**	2775.500	33.01	-8.55	54.0	20.99	AV	293.00	150	Horizontal	Pass
3	4982.000	51.17	-1.05	74.0	22.83	Peak	346.00	150	Horizontal	Pass
3**	4982.000	39.67	-1.05	54.0	14.33	AV	346.00	150	Horizontal	Pass
4	5782.000	99.59	0.92	--	95.41	Peak	195.00	150	Horizontal	N/A
4**	5782.000	91.54	0.92	--	-91.54	AV	195.00	150	Horizontal	N/A
5	11098.000	49.69	-4.00	74.0	24.31	Peak	265.00	150	Horizontal	Pass
5**	11098.000	38.95	-4.00	54.0	15.05	AV	265.00	150	Horizontal	Pass
6	16105.000	51.46	0.31	74.0	22.54	Peak	19.00	150	Horizontal	Pass
6**	16105.000	41.39	0.31	54.0	12.61	AV	19.00	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	1350.000	39.02	-16.05	74.0	34.98	Peak	360.00	150	Vertical	Pass
1**	1350.000	27.19	-16.05	54.0	26.81	AV	360.00	150	Vertical	Pass
2	2833.750	45.73	-7.82	74.0	28.27	Peak	57.00	150	Vertical	Pass
2**	2833.750	33.47	-7.82	54.0	20.53	AV	57.00	150	Vertical	Pass
3	4608.000	50.54	-2.66	74.0	23.46	Peak	230.00	150	Vertical	Pass
3**	4608.000	38.07	-2.66	54.0	15.93	AV	230.00	150	Vertical	Pass
4	5787.500	101.70	0.72	--	116.30	Peak	218.00	150	Vertical	N/A
4**	5787.500	93.96	0.72	--	-93.96	AV	218.00	150	Vertical	N/A
5	11633.000	49.81	-2.49	74.0	24.19	Peak	39.00	150	Vertical	Pass
5**	11633.000	38.70	-2.49	54.0	15.30	AV	39.00	150	Vertical	Pass
6	15890.000	51.36	-0.76	74.0	22.64	Peak	311.00	150	Vertical	Pass
6**	15890.000	40.84	-0.76	54.0	13.16	AV	311.00	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	1335.000	39.15	-16.34	74.0	34.85	Peak	83.00	150	Horizontal	Pass
1**	1335.000	27.32	-16.34	54.0	26.68	AV	83.00	150	Horizontal	Pass
2	2810.000	45.20	-8.89	74.0	28.80	Peak	43.00	150	Horizontal	Pass
2**	2810.000	32.92	-8.89	54.0	21.08	AV	43.00	150	Horizontal	Pass
3	4777.000	50.93	-1.10	74.0	23.07	Peak	159.00	150	Horizontal	Pass
3**	4777.000	39.41	-1.10	54.0	14.59	AV	159.00	150	Horizontal	Pass
4	5784.000	99.97	0.85	--	96.03	Peak	196.00	150	Horizontal	N/A
4**	5784.000	92.19	0.85	--	-92.19	AV	196.00	150	Horizontal	N/A
5	11682.500	49.63	-2.67	74.0	24.37	Peak	281.00	150	Horizontal	Pass
5**	11682.500	39.67	-2.67	54.0	14.33	AV	281.00	150	Horizontal	Pass
6	15977.000	52.21	-0.64	74.0	21.79	Peak	41.00	150	Horizontal	Pass
6**	15977.000	40.55	-0.64	54.0	13.45	AV	41.00	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	1462.750	39.33	-16.30	74.0	34.67	Peak	213.00	150	Vertical	Pass
1**	1462.750	27.38	-16.30	54.0	26.62	AV	213.00	150	Vertical	Pass
2	2828.750	45.58	-7.88	74.0	28.42	Peak	23.00	150	Vertical	Pass
2**	2828.750	33.65	-7.88	54.0	20.35	AV	23.00	150	Vertical	Pass
3	4029.000	48.62	-3.57	74.0	25.38	Peak	360.00	150	Vertical	Pass
3**	4029.000	36.66	-3.57	54.0	17.34	AV	360.00	150	Vertical	Pass
4	5786.000	102.18	0.77	--	110.82	Peak	213.00	150	Vertical	N/A
4**	5786.000	94.28	0.77	--	-94.28	AV	213.00	150	Vertical	N/A
5	12240.000	51.02	-1.77	74.0	22.98	Peak	359.00	150	Vertical	Pass
5**	12240.000	39.19	-1.77	54.0	14.81	AV	359.00	150	Vertical	Pass
6	16080.000	51.15	-0.01	74.0	22.85	Peak	103.00	150	Vertical	Pass
6**	16080.000	40.58	-0.01	54.0	13.42	AV	103.00	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	1537.250	39.26	-16.22	74.0	34.74	Peak	100.00	150	Horizontal	Pass
1**	1537.250	27.75	-16.22	54.0	26.25	AV	100.00	150	Horizontal	Pass
2	2859.250	45.50	-8.22	74.0	28.50	Peak	131.00	150	Horizontal	Pass
2**	2859.250	33.90	-8.22	54.0	20.10	AV	131.00	150	Horizontal	Pass
3	3890.500	48.38	-3.24	74.0	25.62	Peak	140.00	150	Horizontal	Pass
3**	3890.500	36.16	-3.24	54.0	17.84	AV	140.00	150	Horizontal	Pass
4	5756.500	96.75	1.03	--	91.25	Peak	188.00	150	Horizontal	N/A
4**	5756.500	88.27	1.03	--	-88.27	AV	188.00	150	Horizontal	N/A
5	11744.000	49.53	-2.68	74.0	24.47	Peak	203.00	150	Horizontal	Pass
5**	11744.000	39.28	-2.68	54.0	14.72	AV	203.00	150	Horizontal	Pass
6	16128.000	51.15	-0.07	74.0	22.85	Peak	0.00	150	Horizontal	Pass
6**	16128.000	40.96	-0.07	54.0	13.04	AV	0.00	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	1581.750	38.70	-16.15	74.0	35.30	Peak	358.00	150	Vertical	Pass
1**	1581.750	27.47	-16.15	54.0	26.53	AV	358.00	150	Vertical	Pass
2	2849.000	45.77	-7.93	74.0	28.23	Peak	251.00	150	Vertical	Pass
2**	2849.000	33.80	-7.93	54.0	20.20	AV	251.00	150	Vertical	Pass
3	3953.000	48.43	-3.90	74.0	25.57	Peak	227.00	150	Vertical	Pass
3**	3953.000	36.79	-3.90	54.0	17.21	AV	227.00	150	Vertical	Pass
4	5752.500	100.01	0.99	--	128.99	Peak	229.00	150	Vertical	N/A
4**	5752.500	92.05	0.99	--	-92.05	AV	229.00	150	Vertical	N/A
5	11610.000	49.55	-2.52	74.0	24.45	Peak	215.00	150	Vertical	Pass
5**	11610.000	39.74	-2.52	54.0	14.26	AV	215.00	150	Vertical	Pass
6	15535.000	50.84	-0.03	74.0	23.16	Peak	279.00	150	Vertical	Pass
6**	15535.000	41.38	-0.03	54.0	12.62	AV	279.00	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	1408.000	39.38	-16.54	74.0	34.62	Peak	327.00	150	Horizontal	Pass
1**	1408.000	27.10	-16.54	54.0	26.90	AV	327.00	150	Horizontal	Pass
2	2845.000	45.24	-7.90	74.0	28.76	Peak	52.00	150	Horizontal	Pass
2**	2845.000	33.57	-7.90	54.0	20.43	AV	52.00	150	Horizontal	Pass
3	4119.000	48.62	-3.32	74.0	25.38	Peak	309.00	150	Horizontal	Pass
3**	4119.000	37.28	-3.32	54.0	16.72	AV	309.00	150	Horizontal	Pass
4	5768.500	94.56	1.17	--	99.44	Peak	194.00	150	Horizontal	N/A
4**	5768.500	84.52	1.17	--	-84.52	AV	194.00	150	Horizontal	N/A
5	11653.500	49.63	-2.60	74.0	24.37	Peak	353.00	150	Horizontal	Pass
5**	11653.500	38.74	-2.60	54.0	15.26	AV	353.00	150	Horizontal	Pass
6	16123.000	51.83	0.05	74.0	22.17	Peak	96.00	150	Horizontal	Pass
6**	16123.000	41.22	0.05	54.0	12.78	AV	96.00	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	1580.250	39.38	-16.12	74.0	34.62	Peak	0.00	150	Vertical	Pass
1**	1580.250	27.53	-16.12	54.0	26.47	AV	0.00	150	Vertical	Pass
2	2786.000	45.72	-8.11	74.0	28.28	Peak	0.00	150	Vertical	Pass
2**	2786.000	32.45	-8.11	54.0	21.55	AV	0.00	150	Vertical	Pass
3	4308.500	49.04	-2.81	74.0	24.96	Peak	340.00	150	Vertical	Pass
3**	4308.500	37.68	-2.81	54.0	16.32	AV	340.00	150	Vertical	Pass
4	5768.500	97.57	1.17	--	115.43	Peak	213.00	150	Vertical	N/A
4**	5768.500	89.08	1.17	--	-89.08	AV	213.00	150	Vertical	N/A
5	11612.500	49.81	-2.51	74.0	24.19	Peak	52.00	150	Vertical	Pass
5**	11612.500	39.04	-2.51	54.0	14.96	AV	52.00	150	Vertical	Pass
6	16115.500	51.81	0.23	74.0	22.19	Peak	140.00	150	Vertical	Pass
6**	16115.500	41.59	0.23	54.0	12.41	AV	140.00	150	Vertical	Pass

A.6.2 Band Edge (Restricted-band)

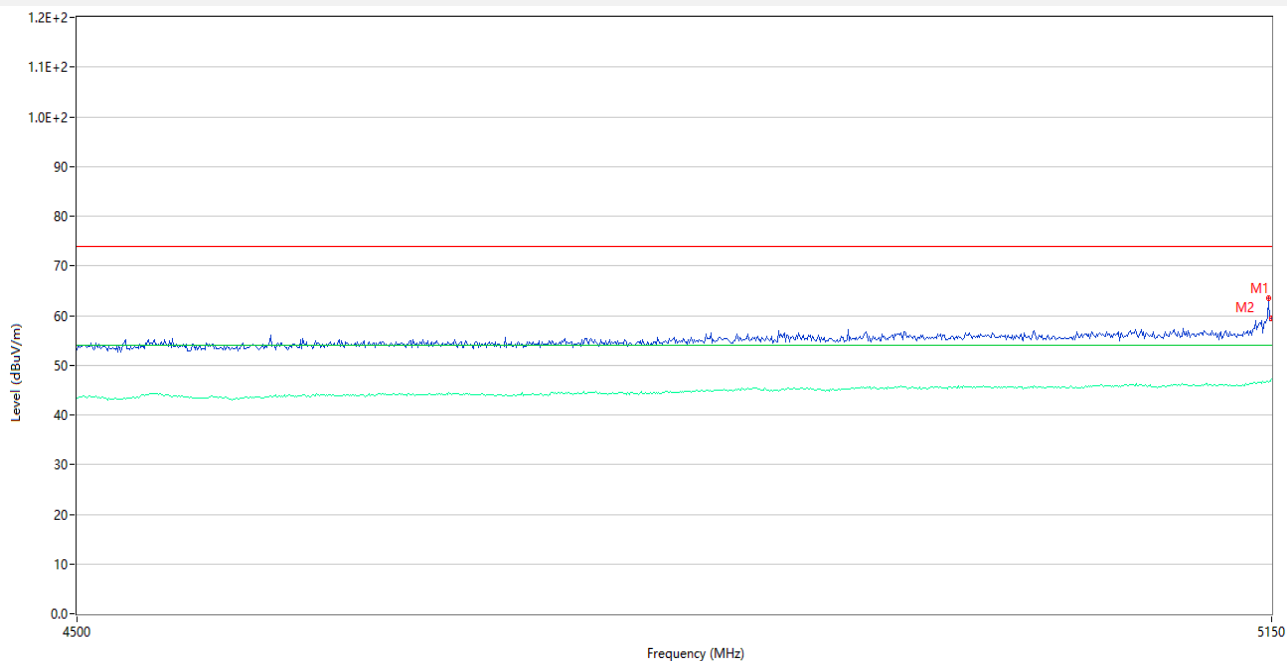
Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Low	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass

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

Test Data and Plots

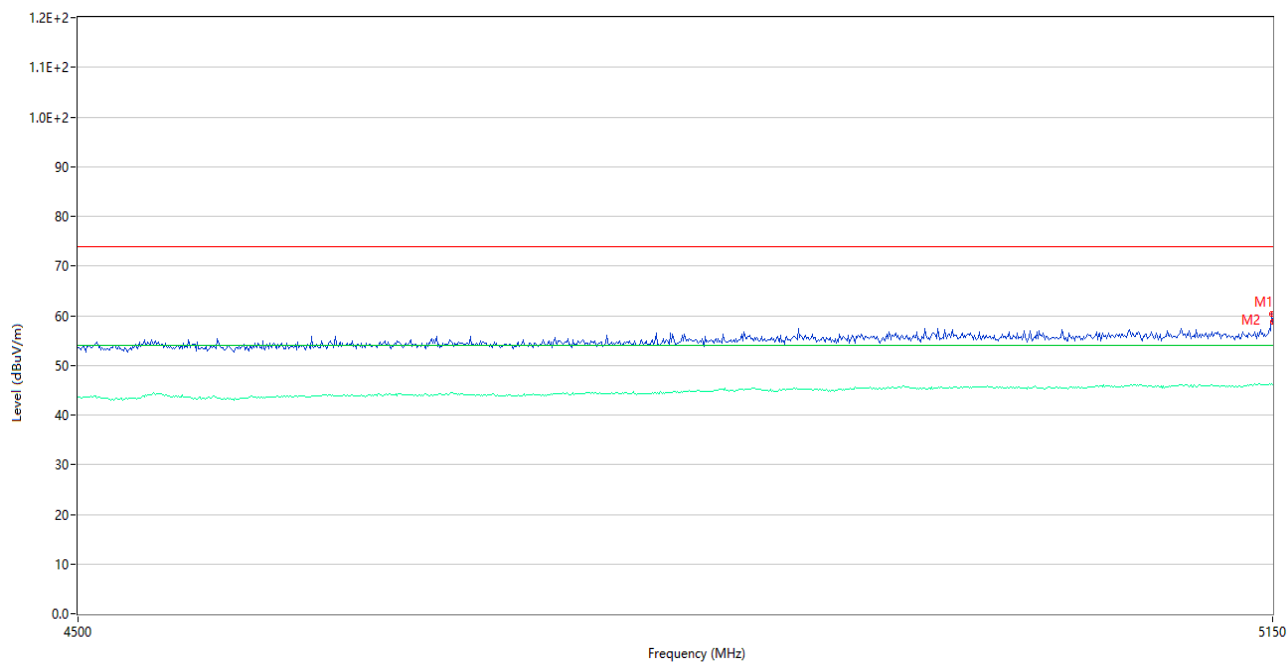
SISO Antenna 0

U-NII-1 11a Low Channel ANT V



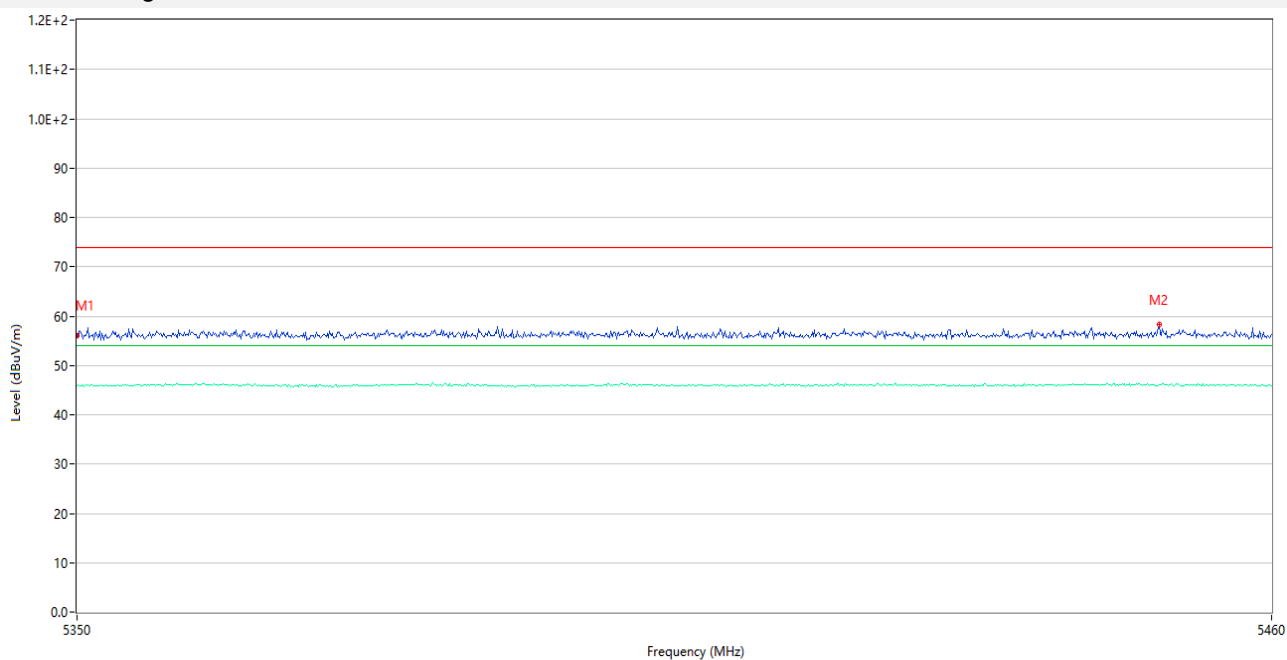
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	59.43	5.21	74.0	14.57	Peak	115.00	150	Vertical	Pass
1**	5150.000	47.13	5.21	54.0	6.87	AV	115.00	150	Vertical	Pass
2	5148.050	63.60	5.26	74.0	10.40	Peak	103.00	150	Vertical	Pass
2**	5148.050	46.54	5.26	54.0	7.46	AV	103.00	150	Vertical	Pass

U-NII-1 11a 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	5150.000	58.67	5.21	74.0	15.33	Peak	90.02	150	Horizontal	Pass
1**	5150.000	46.20	5.21	54.0	7.80	AV	90.02	150	Horizontal	Pass
2	5149.350	60.24	5.21	74.0	13.76	Peak	188.00	150	Horizontal	Pass
2**	5149.350	46.41	5.21	54.0	7.59	AV	188.00	150	Horizontal	Pass

U-NII-1 11a High Channel ANT V



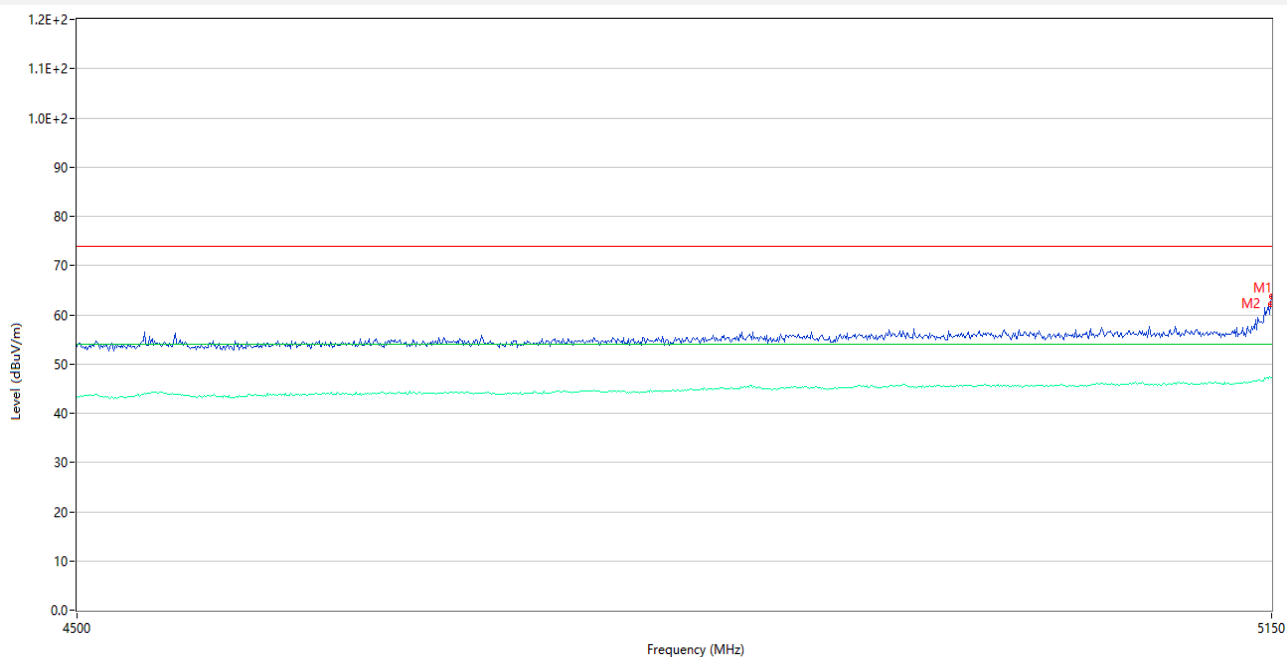
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.95	5.40	74.0	18.05	Peak	41.00	150	Vertical	Pass
1**	5350.000	45.84	5.40	54.0	8.16	AV	41.00	150	Vertical	Pass
2	5449.550	58.24	5.59	74.0	15.76	Peak	0.00	150	Vertical	Pass
2**	5449.550	46.19	5.59	54.0	7.81	AV	0.00	150	Vertical	Pass

U-NII-1 11a High Channel ANT H



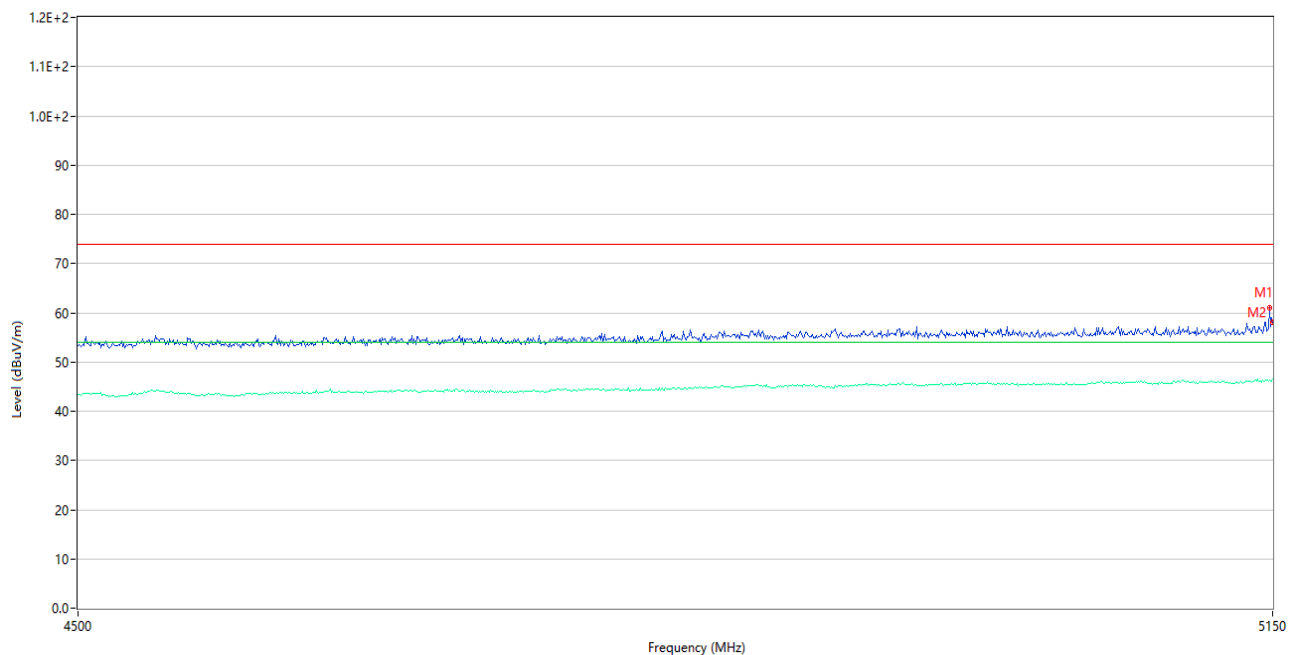
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.38	5.40	74.0	18.62	Peak	344.00	150	Horizontal	Pass
1**	5350.000	46.12	5.40	54.0	7.88	AV	344.00	150	Horizontal	Pass
2	5396.750	57.70	5.71	74.0	16.30	Peak	77.00	150	Horizontal	Pass
2**	5396.750	45.95	5.71	54.0	8.05	AV	77.00	150	Horizontal	Pass

U-NII-1 11ac20 Low Channel ANT V



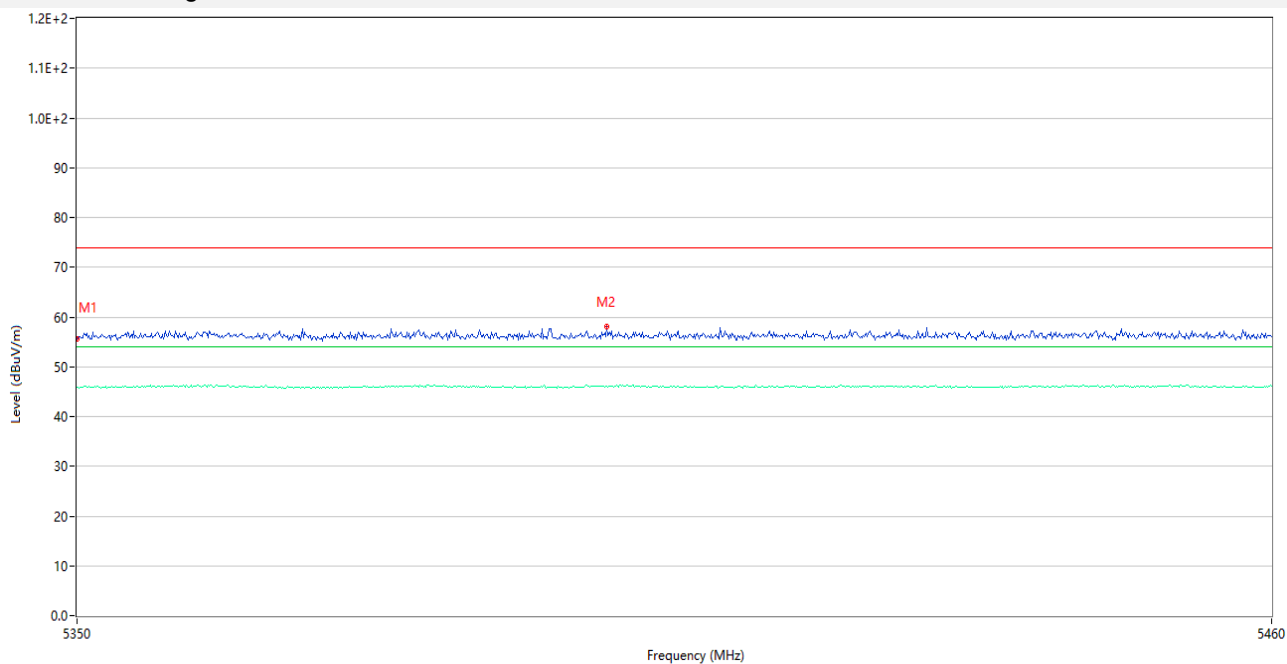
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	63.76	5.21	74.0	10.24	Peak	99.01	150	Vertical	Pass
1**	5150.000	47.33	5.21	54.0	6.67	AV	99.01	150	Vertical	Pass
2	5149.350	62.15	5.21	74.0	11.85	Peak	170.00	150	Vertical	Pass
2**	5149.350	47.15	5.21	54.0	6.85	AV	170.00	150	Vertical	Pass

U-NII-1 11ac20 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	5150.000	58.02	5.21	74.0	15.98	Peak	38.02	150	Horizontal	Pass
1**	5150.000	46.58	5.21	54.0	7.42	AV	38.02	150	Horizontal	Pass
2	5148.050	61.02	5.26	74.0	12.98	Peak	187.00	150	Horizontal	Pass
2**	5148.050	46.33	5.26	54.0	7.67	AV	187.00	150	Horizontal	Pass

U-NII-1 11ac20 High Channel ANT V



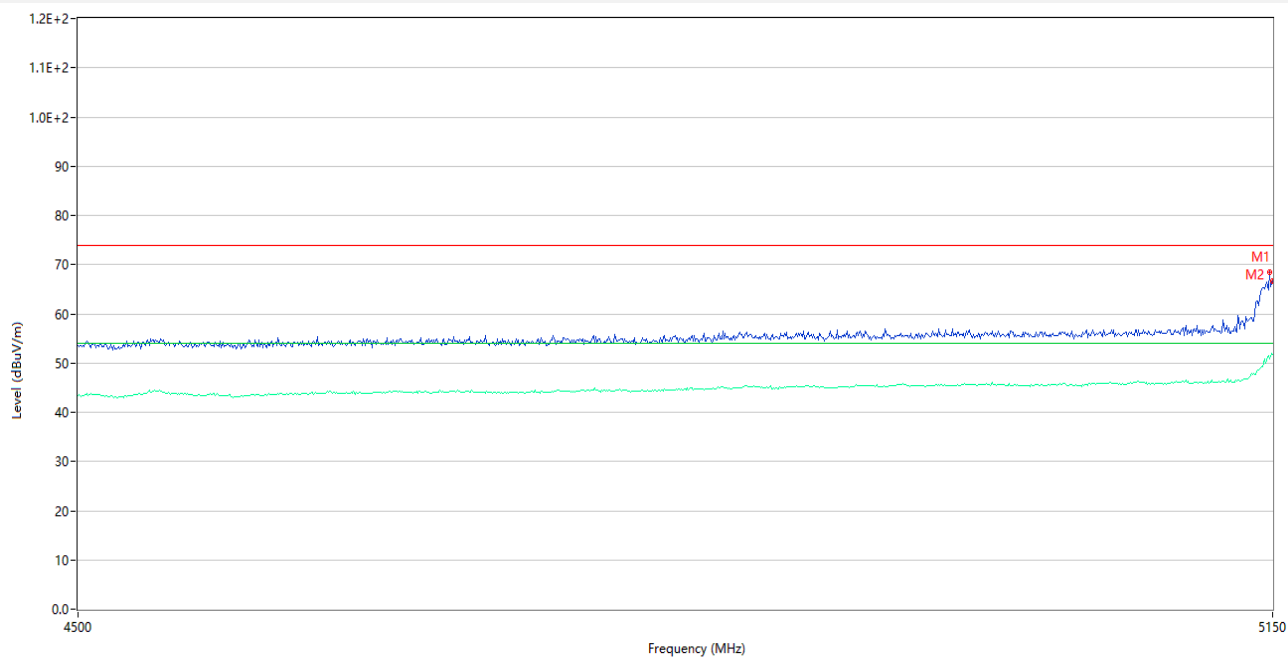
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.64	5.40	74.0	18.36	Peak	276.00	150	Vertical	Pass
1**	5350.000	45.87	5.40	54.0	8.13	AV	276.00	150	Vertical	Pass
2	5398.510	58.07	5.73	74.0	15.93	Peak	360.00	150	Vertical	Pass
2**	5398.510	46.04	5.73	54.0	7.96	AV	360.00	150	Vertical	Pass

U-NII-1 11ac20 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	5350.000	56.02	5.40	74.0	17.98	Peak	0.00	150	Horizontal	Pass
1**	5350.000	45.98	5.40	54.0	8.02	AV	0.00	150	Horizontal	Pass
2	5370.130	57.59	5.39	74.0	16.41	Peak	230.00	150	Horizontal	Pass
2**	5370.130	45.91	5.39	54.0	8.09	AV	230.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel ANT V



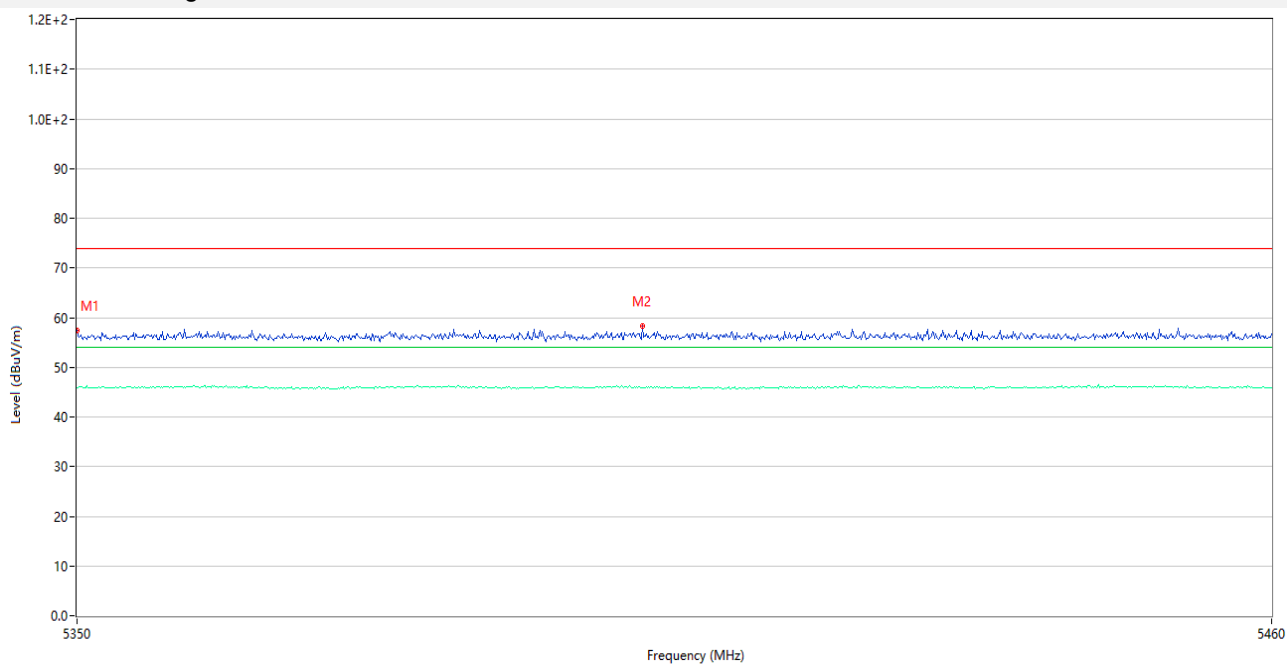
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	66.61	5.21	74.0	7.39	Peak	168.99	150	Vertical	Pass
1**	5150.000	51.69	5.21	54.0	2.31	AV	168.99	150	Vertical	Pass
2	5148.050	68.42	5.26	74.0	5.58	Peak	119.00	150	Vertical	Pass
2**	5148.050	50.85	5.26	54.0	3.15	AV	119.00	150	Vertical	Pass

U-NII-1 11ac40 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	5150.000	63.46	5.21	74.0	10.54	Peak	86.00	150	Horizontal	Pass
1**	5150.000	49.49	5.21	54.0	4.51	AV	86.00	150	Horizontal	Pass
2	5146.750	64.26	5.33	74.0	9.74	Peak	209.00	150	Horizontal	Pass
2**	5146.750	48.11	5.33	54.0	5.89	AV	209.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel ANT V



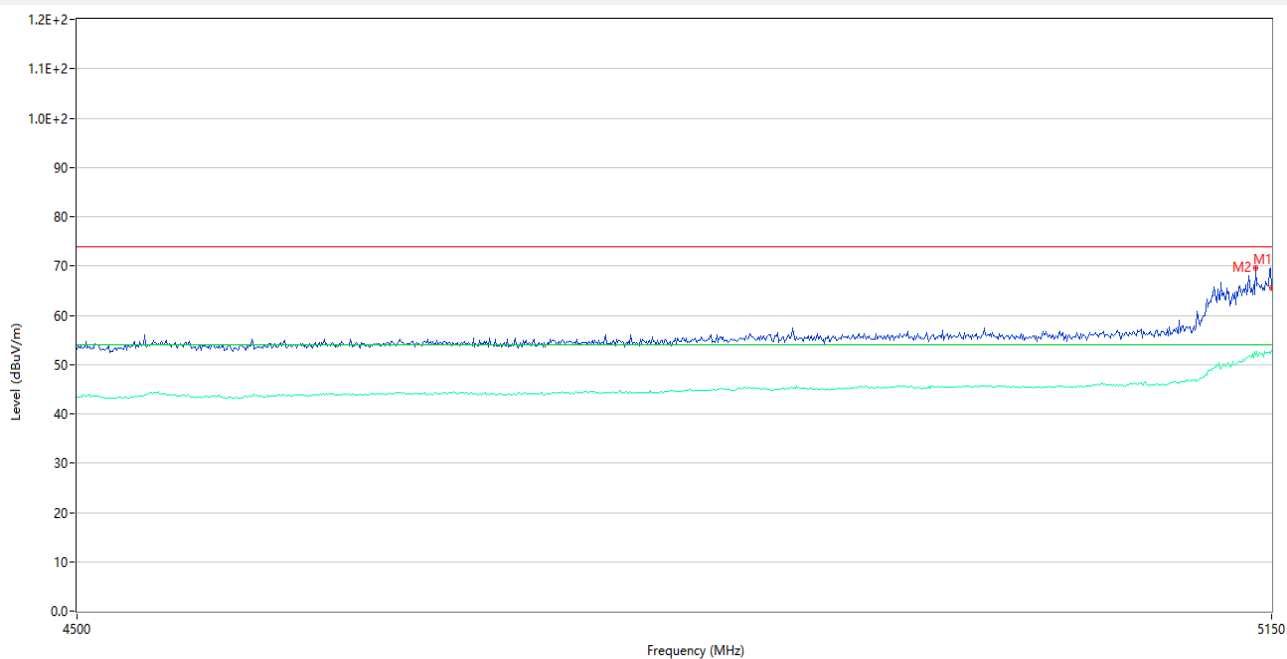
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.46	5.40	74.0	16.54	Peak	190.00	150	Vertical	Pass
1**	5350.000	45.88	5.40	54.0	8.12	AV	190.00	150	Vertical	Pass
2	5401.810	58.32	5.64	74.0	15.68	Peak	111.00	150	Vertical	Pass
2**	5401.810	45.98	5.64	54.0	8.02	AV	111.00	150	Vertical	Pass

U-NII-1 11ac40 High Channel ANT H



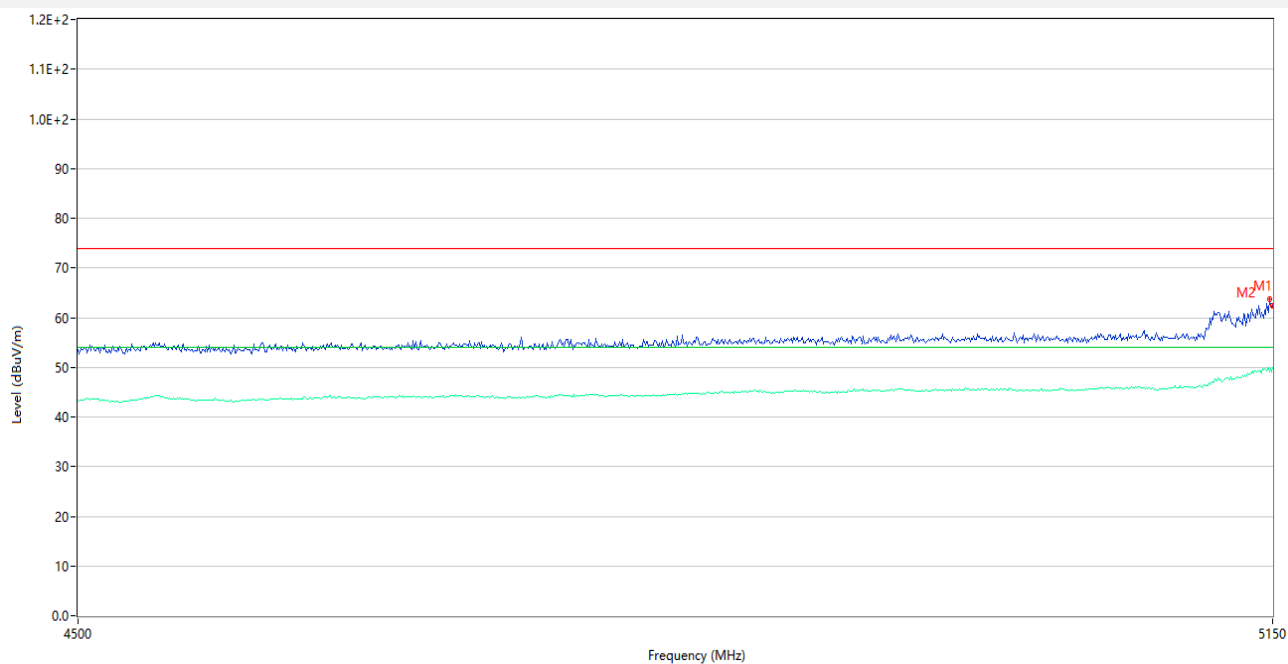
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	55.82	5.40	74.0	18.18	Peak	7.00	150	Horizontal	Pass
1**	5350.000	45.87	5.40	54.0	8.13	AV	7.00	150	Horizontal	Pass
2	5429.530	57.88	5.27	74.0	16.12	Peak	309.00	150	Horizontal	Pass
2**	5429.530	45.85	5.27	54.0	8.15	AV	309.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel ANT V



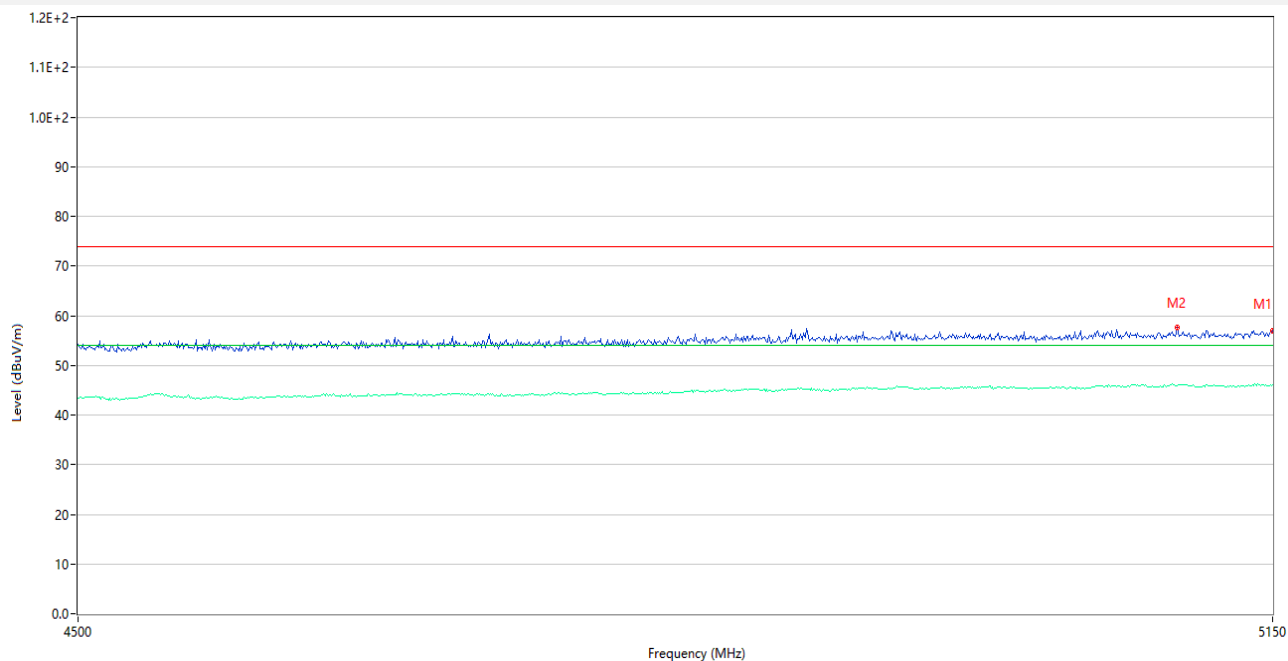
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	65.55	5.21	74.0	8.45	Peak	173.00	150	Vertical	Pass
1**	5150.000	52.87	5.21	54.0	1.13	AV	173.00	150	Vertical	Pass
2	5140.900	69.58	5.58	74.0	4.42	Peak	180.00	150	Vertical	Pass
2**	5140.900	51.93	5.58	54.0	2.07	AV	180.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel ANT H



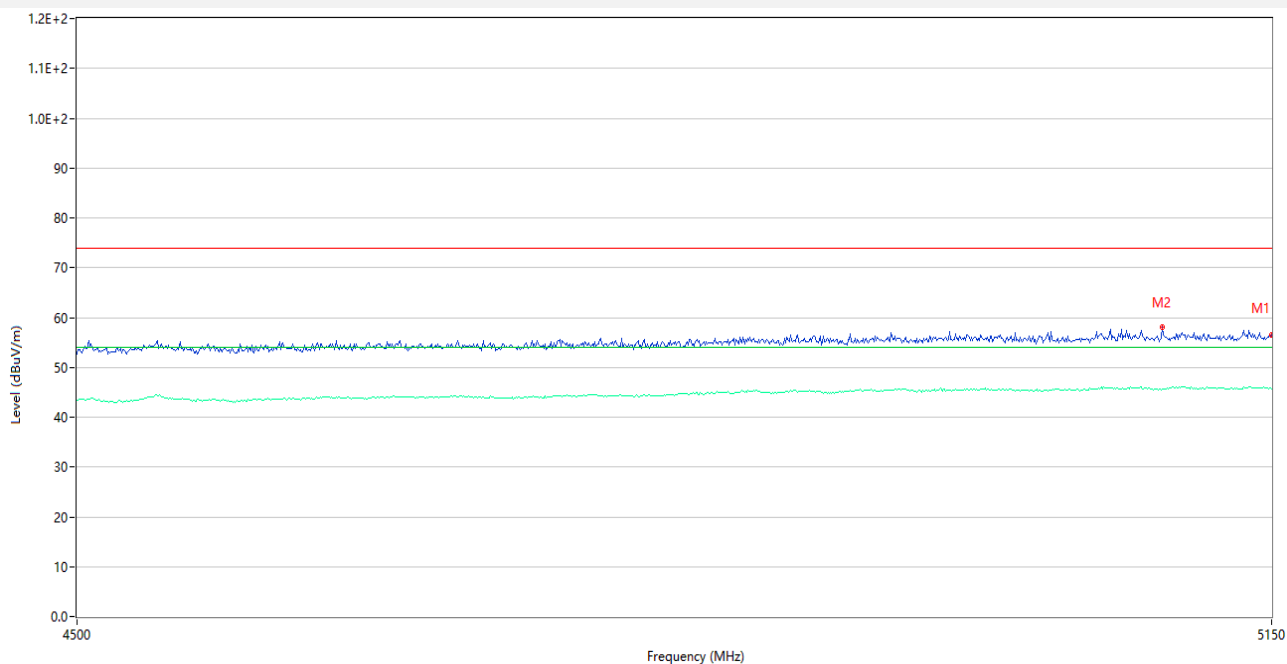
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	62.45	5.21	74.0	11.55	Peak	92.00	150	Horizontal	Pass
1**	5150.000	49.92	5.21	54.0	4.08	AV	92.00	150	Horizontal	Pass
2	5148.050	63.75	5.26	74.0	10.25	Peak	92.00	150	Horizontal	Pass
2**	5148.050	48.95	5.26	54.0	5.05	AV	92.00	150	Horizontal	Pass

U-NII-2A 11a 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	5150.000	56.87	5.21	74.0	17.13	Peak	81.02	150	Vertical	Pass
1**	5150.000	46.08	5.21	54.0	7.92	AV	81.02	150	Vertical	Pass
2	5094.750	57.66	5.24	74.0	16.34	Peak	133.00	150	Vertical	Pass
2**	5094.750	45.90	5.24	54.0	8.10	AV	133.00	150	Vertical	Pass

U-NII-2A 11a 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	5150.000	56.49	5.21	74.0	17.51	Peak	121.05	150	Horizontal	Pass
1**	5150.000	45.75	5.21	54.0	8.25	AV	121.05	150	Horizontal	Pass
2	5086.950	57.98	4.86	74.0	16.02	Peak	265.00	150	Horizontal	Pass
2**	5086.950	45.70	4.86	54.0	8.30	AV	265.00	150	Horizontal	Pass

U-NII-2A 11a 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	5350.000	63.24	5.40	74.0	10.76	Peak	118.00	150	Vertical	Pass
1**	5350.000	47.53	5.40	54.0	6.47	AV	118.00	150	Vertical	Pass
2	5351.430	69.86	5.44	74.0	4.14	Peak	127.00	150	Vertical	Pass
2**	5351.430	47.50	5.44	54.0	6.50	AV	127.00	150	Vertical	Pass

U-NII-2A 11a High Channel ANT H



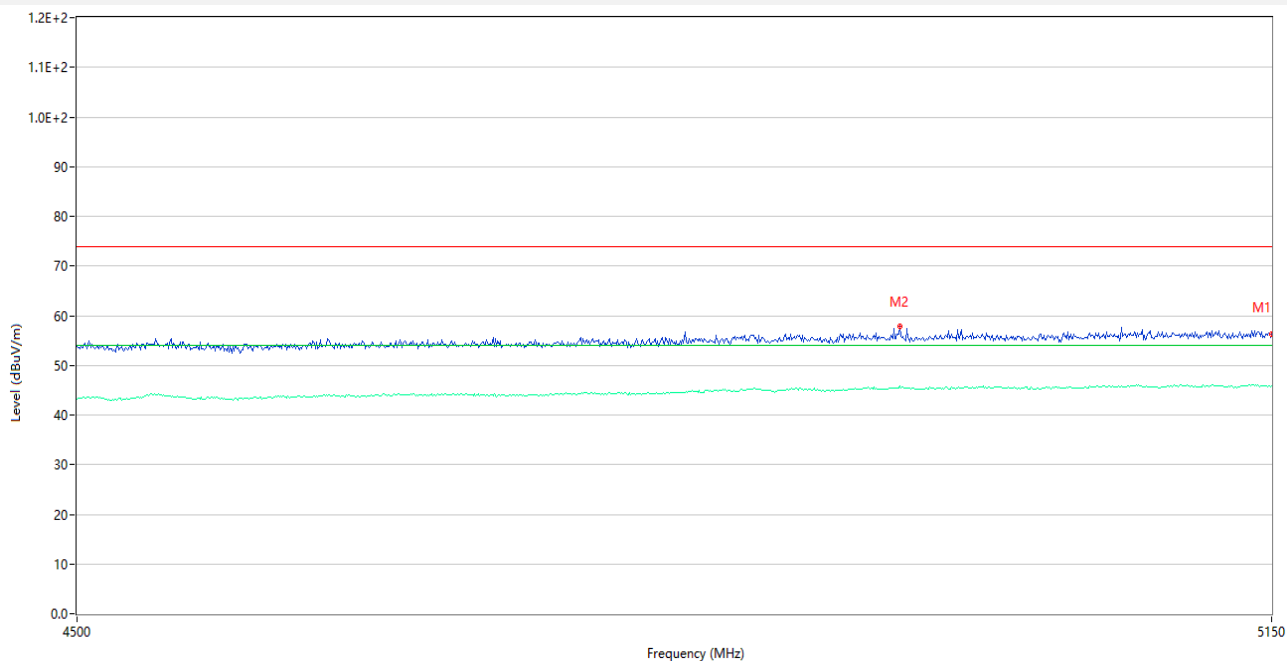
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.70	5.40	74.0	16.30	Peak	230.00	150	Horizontal	Pass
1**	5350.000	46.08	5.40	54.0	7.92	AV	230.00	150	Horizontal	Pass
2	5350.990	58.83	5.43	74.0	15.17	Peak	94.00	150	Horizontal	Pass
2**	5350.990	46.08	5.43	54.0	7.92	AV	94.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel ANT V



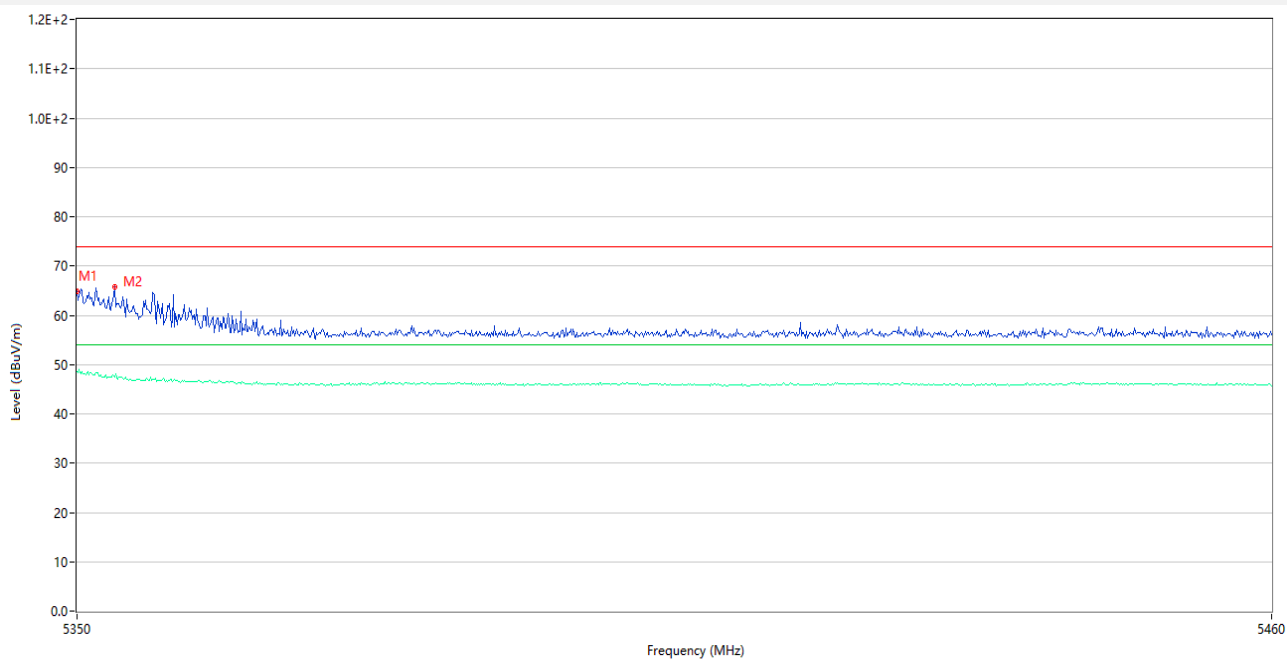
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.59	5.21	74.0	17.41	Peak	347.95	150	Vertical	Pass
1**	5150.000	45.80	5.21	54.0	8.20	AV	347.95	150	Vertical	Pass
2	5051.850	57.34	5.15	74.0	16.66	Peak	325.00	150	Vertical	Pass
2**	5051.850	46.04	5.15	54.0	7.96	AV	325.00	150	Vertical	Pass

U-NII-2A 11ac20 Low Channel ANT H



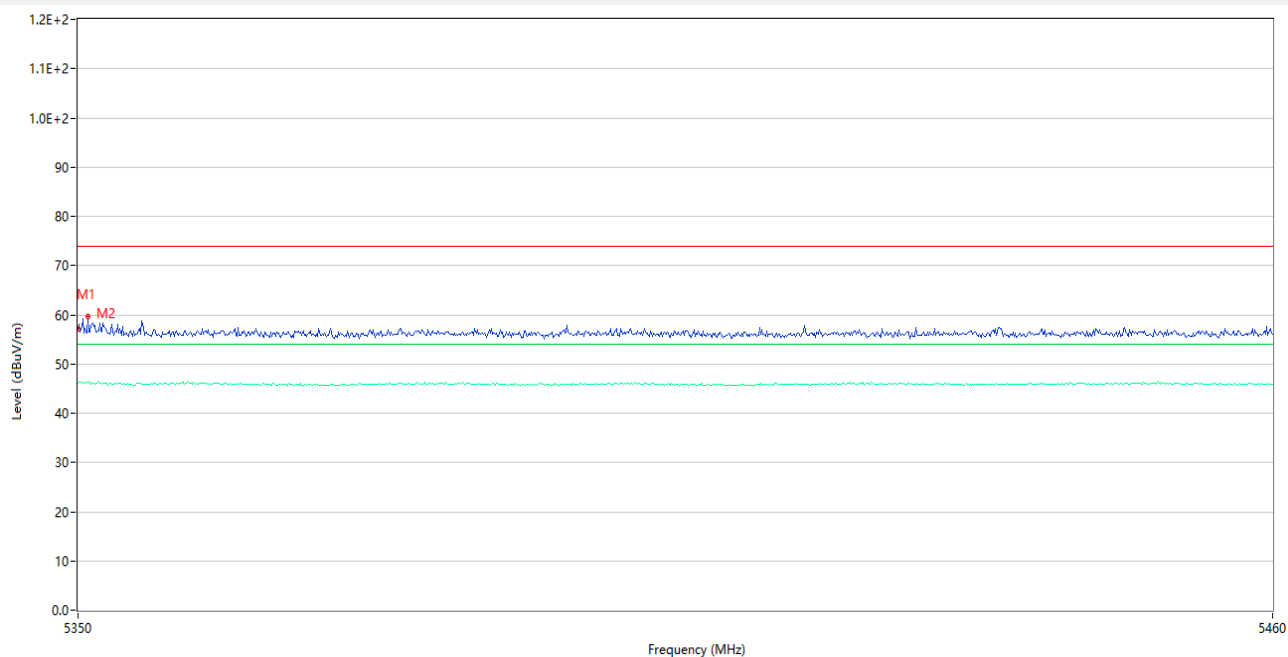
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.32	5.21	74.0	17.68	Peak	98.00	150	Horizontal	Pass
1**	5150.000	45.87	5.21	54.0	8.13	AV	98.00	150	Horizontal	Pass
2	4938.100	57.76	5.18	74.0	16.24	Peak	210.00	150	Horizontal	Pass
2**	4938.100	45.81	5.18	54.0	8.19	AV	210.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel ANT V



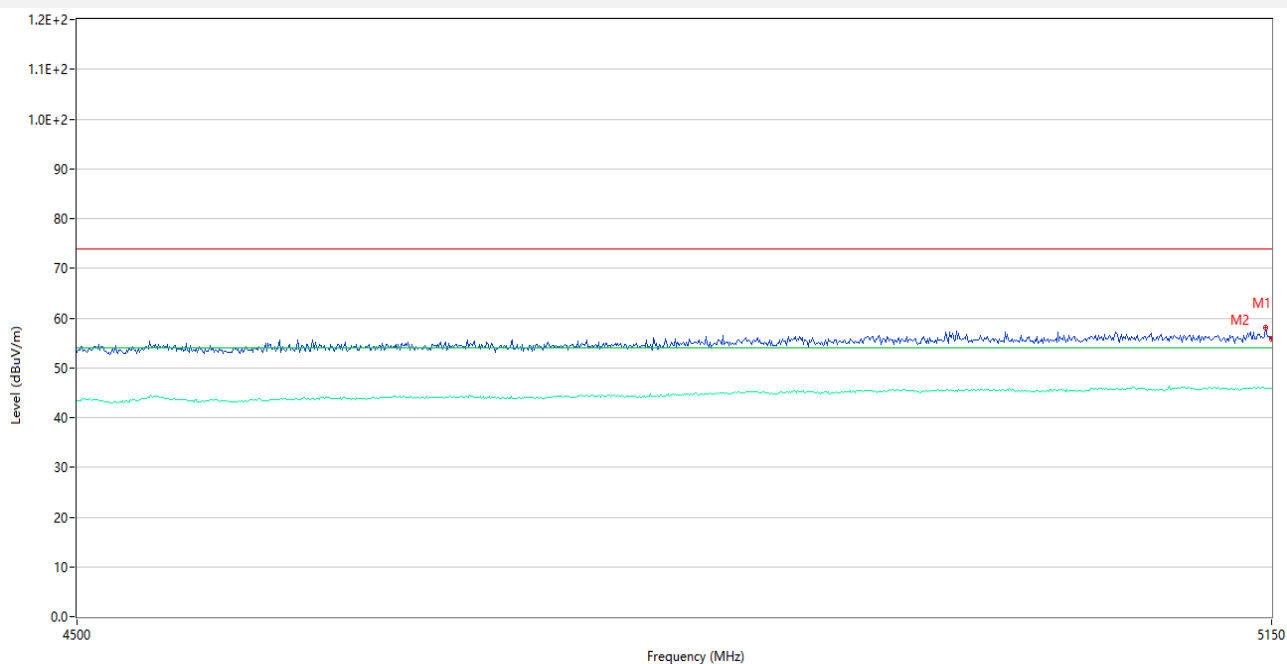
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.85	5.40	74.0	9.15	Peak	103.00	150	Vertical	Pass
1**	5350.000	48.69	5.40	54.0	5.31	AV	103.00	150	Vertical	Pass
2	5353.410	65.66	5.48	74.0	8.34	Peak	123.00	150	Vertical	Pass
2**	5353.410	47.50	5.48	54.0	6.50	AV	123.00	150	Vertical	Pass

U-NII-2A 11ac20 High Channel ANT H



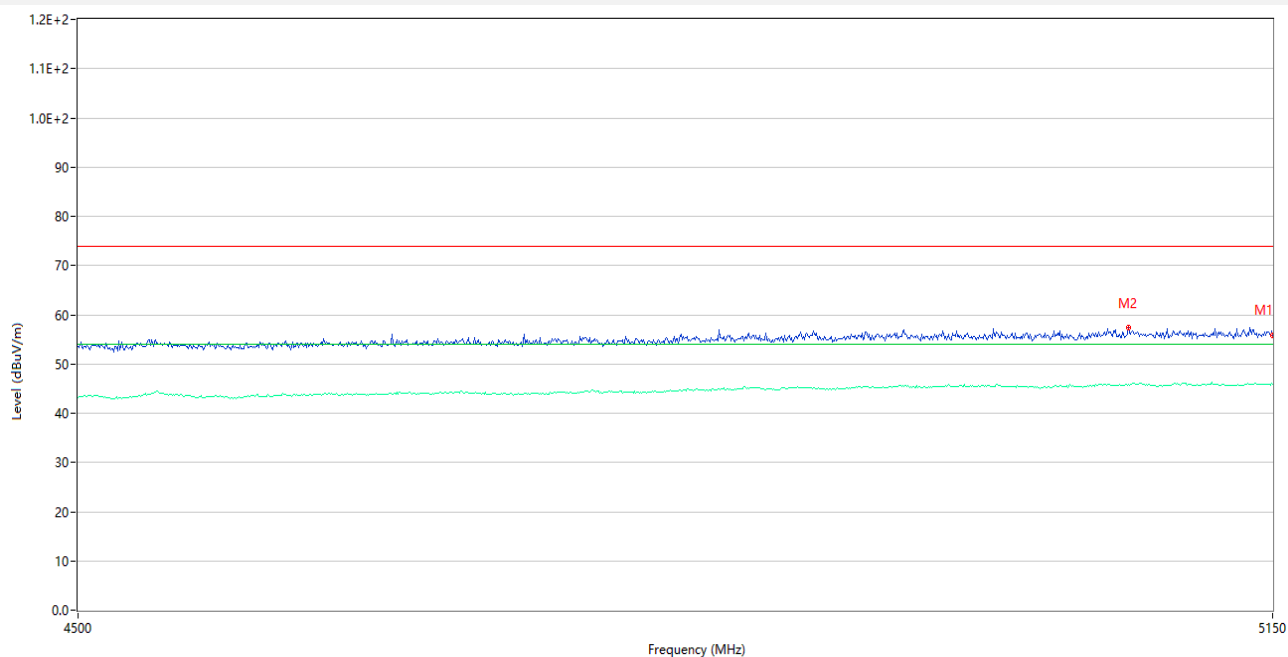
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.28	5.40	74.0	16.72	Peak	127.00	150	Horizontal	Pass
1**	5350.000	46.15	5.40	54.0	7.85	AV	127.00	150	Horizontal	Pass
2	5350.880	59.55	5.42	74.0	14.45	Peak	127.00	150	Horizontal	Pass
2**	5350.880	46.07	5.42	54.0	7.93	AV	127.00	150	Horizontal	Pass

U-NII-2A 11ac40 Low Channel ANT V



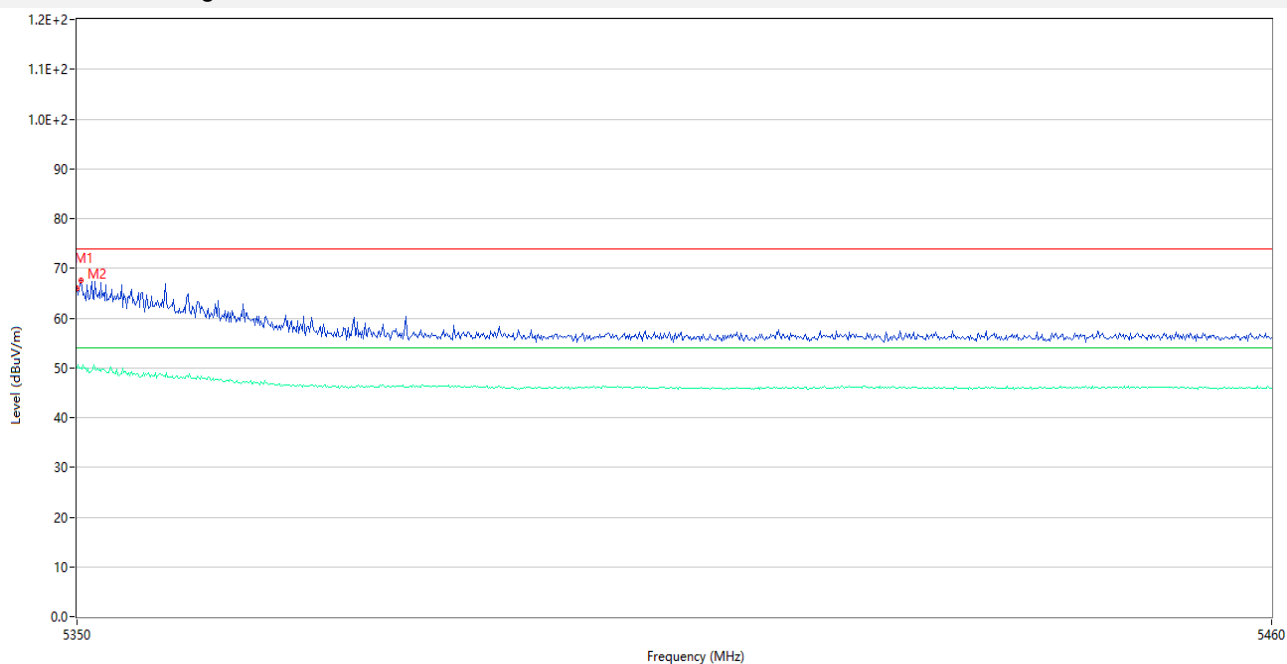
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.85	5.21	74.0	18.15	Peak	3.04	150	Vertical	Pass
1**	5150.000	45.91	5.21	54.0	8.09	AV	3.04	150	Vertical	Pass
2	5146.750	58.14	5.33	74.0	15.86	Peak	245.00	150	Vertical	Pass
2**	5146.750	45.84	5.33	54.0	8.16	AV	245.00	150	Vertical	Pass

U-NII-2A 11ac40 Low Channel ANT H



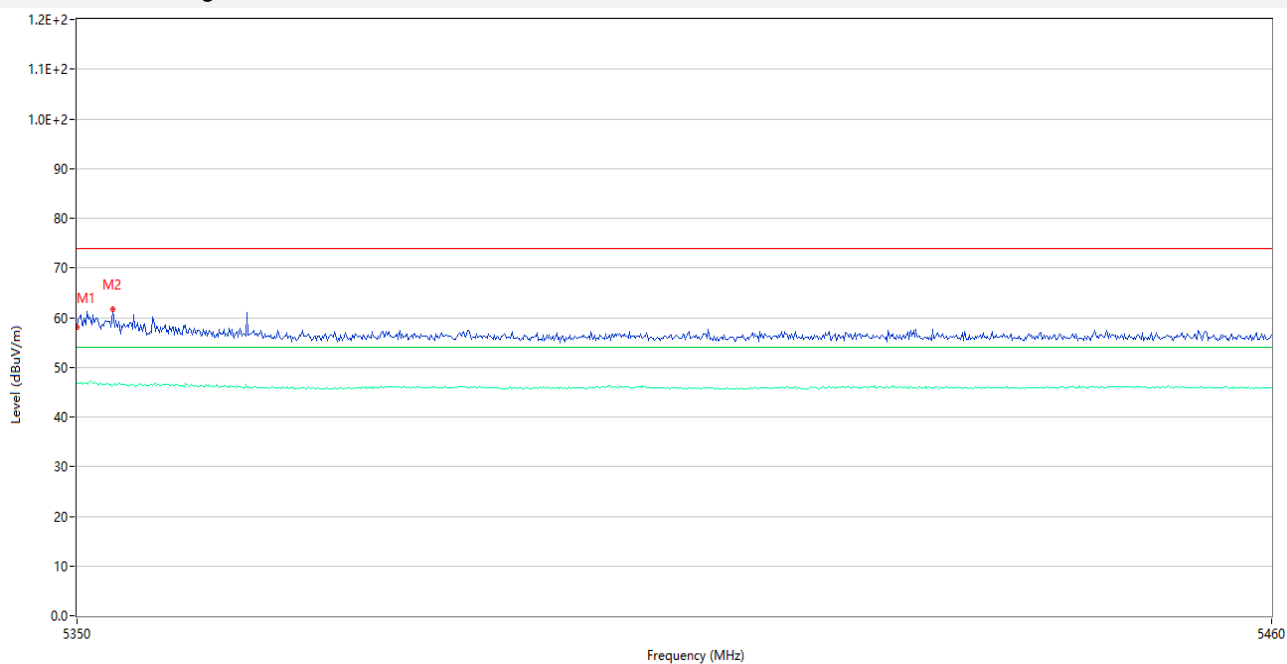
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	55.89	5.21	74.0	18.11	Peak	294.97	150	Horizontal	Pass
1**	5150.000	45.80	5.21	54.0	8.20	AV	294.97	150	Horizontal	Pass
2	5066.800	57.47	5.17	74.0	16.53	Peak	335.00	150	Horizontal	Pass
2**	5066.800	45.89	5.17	54.0	8.11	AV	335.00	150	Horizontal	Pass

U-NII-2A 11ac40 High Channel ANT V



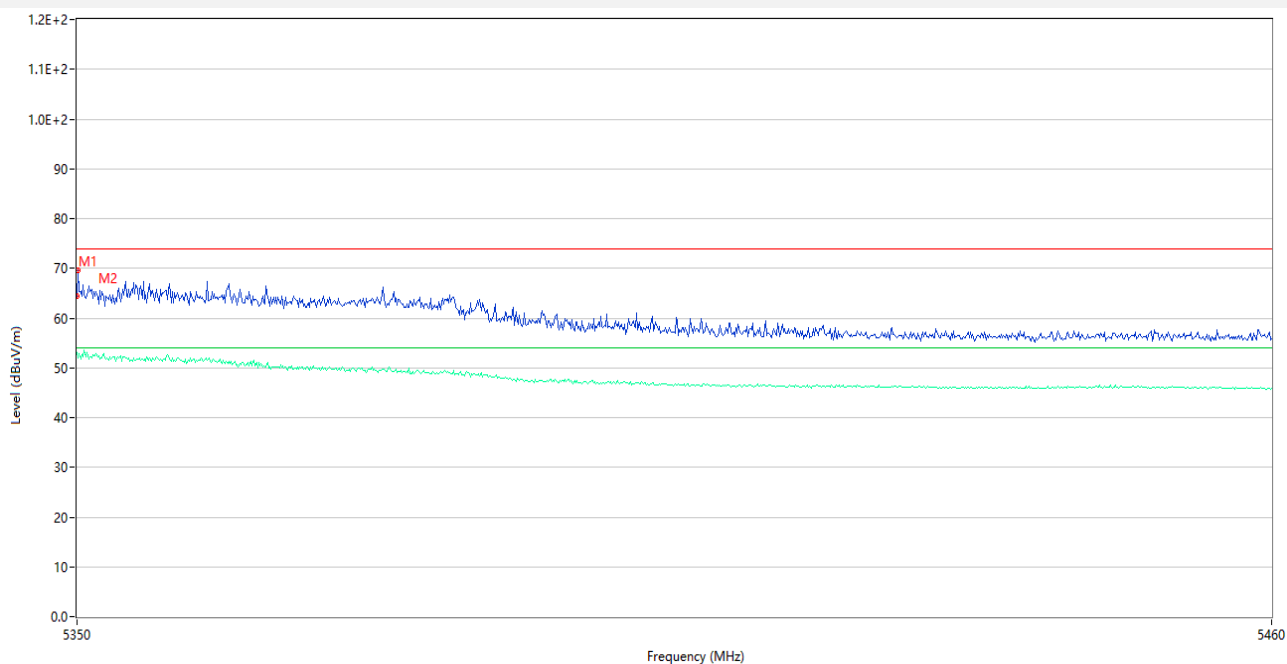
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	66.00	5.40	74.0	8.00	Peak	172.00	150	Vertical	Pass
1**	5350.000	49.85	5.40	54.0	4.15	AV	172.00	150	Vertical	Pass
2	5350.330	67.65	5.41	74.0	6.35	Peak	351.00	150	Vertical	Pass
2**	5350.330	49.89	5.41	54.0	4.11	AV	351.00	150	Vertical	Pass

U-NII-2A 11ac40 High Channel ANT H



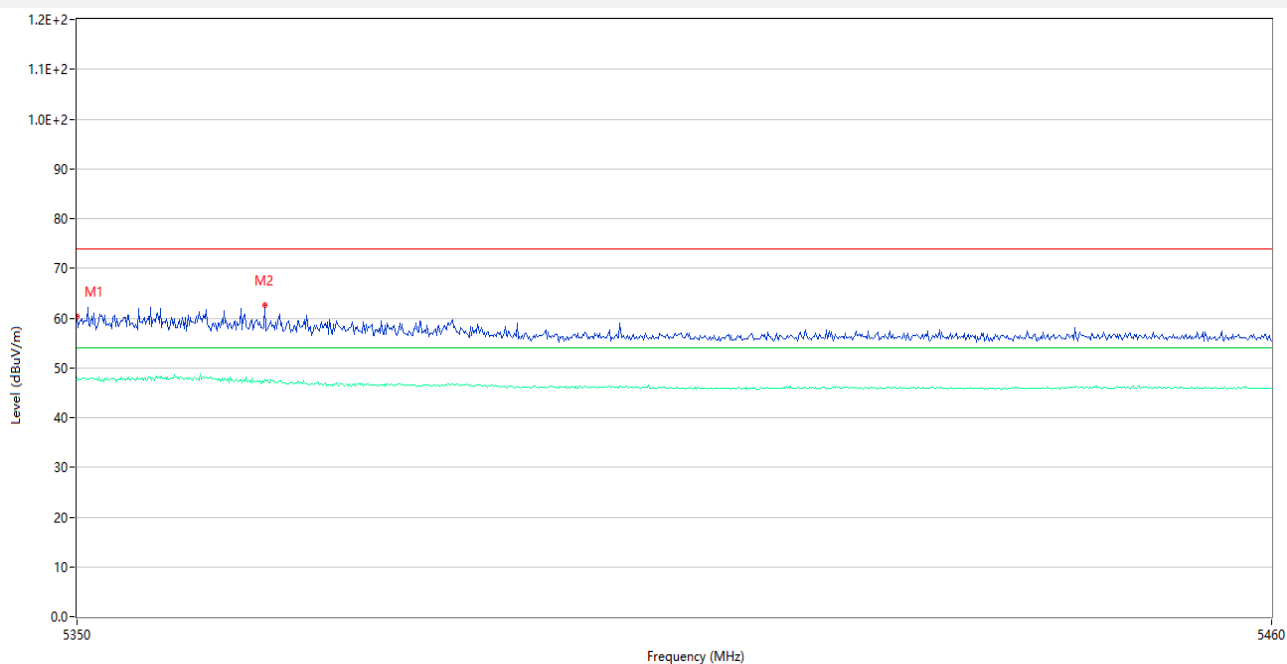
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.01	5.40	74.0	15.99	Peak	94.00	150	Horizontal	Pass
1**	5350.000	46.76	5.40	54.0	7.24	AV	94.00	150	Horizontal	Pass
2	5353.300	61.75	5.48	74.0	12.25	Peak	126.00	150	Horizontal	Pass
2**	5353.300	46.32	5.48	54.0	7.68	AV	126.00	150	Horizontal	Pass

U-NII-2A 11ac80 Middle Channel ANT V



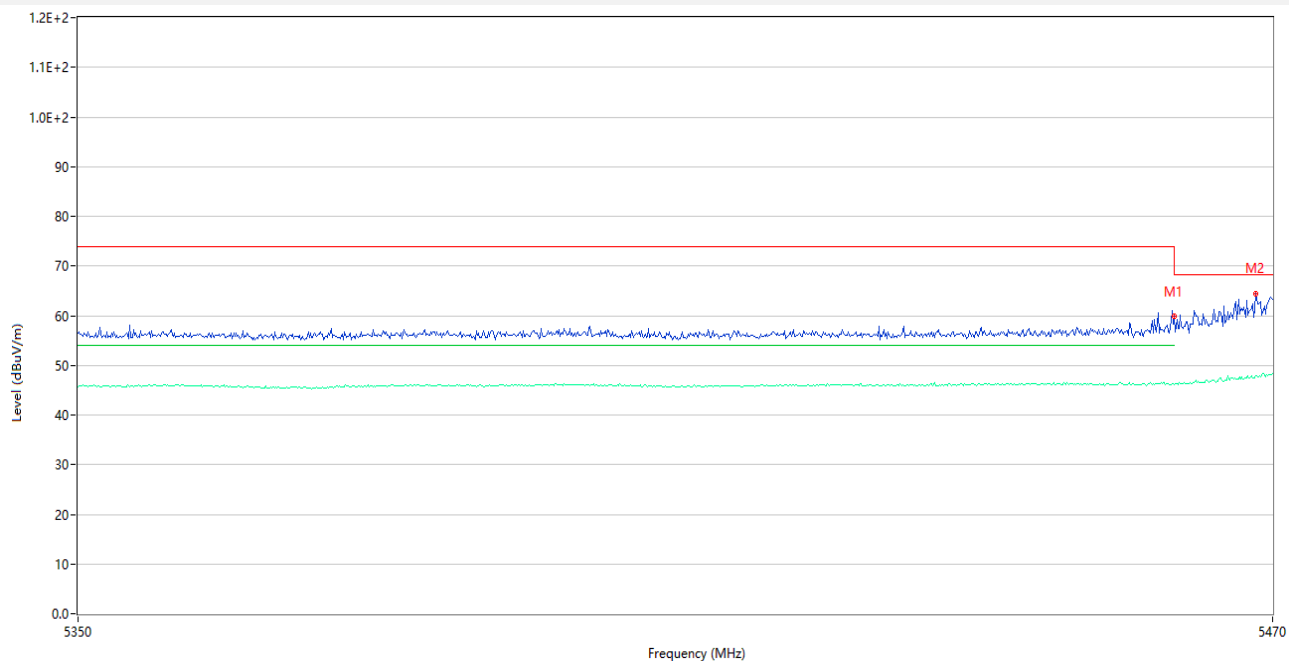
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.35	5.40	74.0	9.65	Peak	124.00	150	Vertical	Pass
1**	5350.000	53.09	5.40	54.0	0.91	AV	124.00	150	Vertical	Pass
2	5350.110	69.71	5.40	74.0	4.29	Peak	119.00	150	Vertical	Pass
2**	5350.110	52.05	5.40	54.0	1.95	AV	119.00	150	Vertical	Pass

U-NII-2A 11ac80 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	5350.000	60.30	5.40	74.0	13.70	Peak	123.00	150	Horizontal	Pass
1**	5350.000	48.13	5.40	54.0	5.87	AV	123.00	150	Horizontal	Pass
2	5367.160	62.56	5.47	74.0	11.44	Peak	228.00	150	Horizontal	Pass
2**	5367.160	47.70	5.47	54.0	6.30	AV	228.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel ANT V



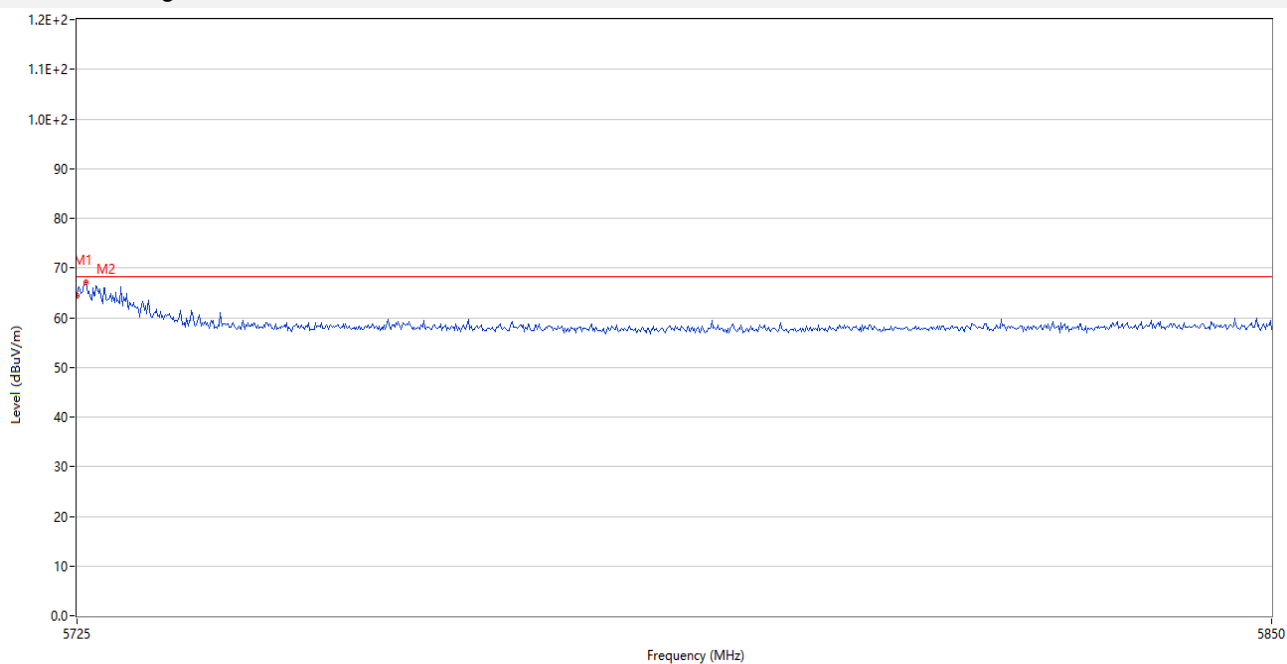
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.40	5.38	68.2	8.80	Peak	19.67	150	Vertical	Pass
1**	5460.000	46.21	5.38	54.0	7.79	AV	19.67	150	Vertical	Pass
2	5468.320	64.51	5.75	68.2	3.69	Peak	240.00	150	Vertical	Pass
2**	5468.320	47.94	5.75	--	-47.94	AV	240.00	150	Vertical	N/A

U-NII-2C 11a Low Channel ANT H



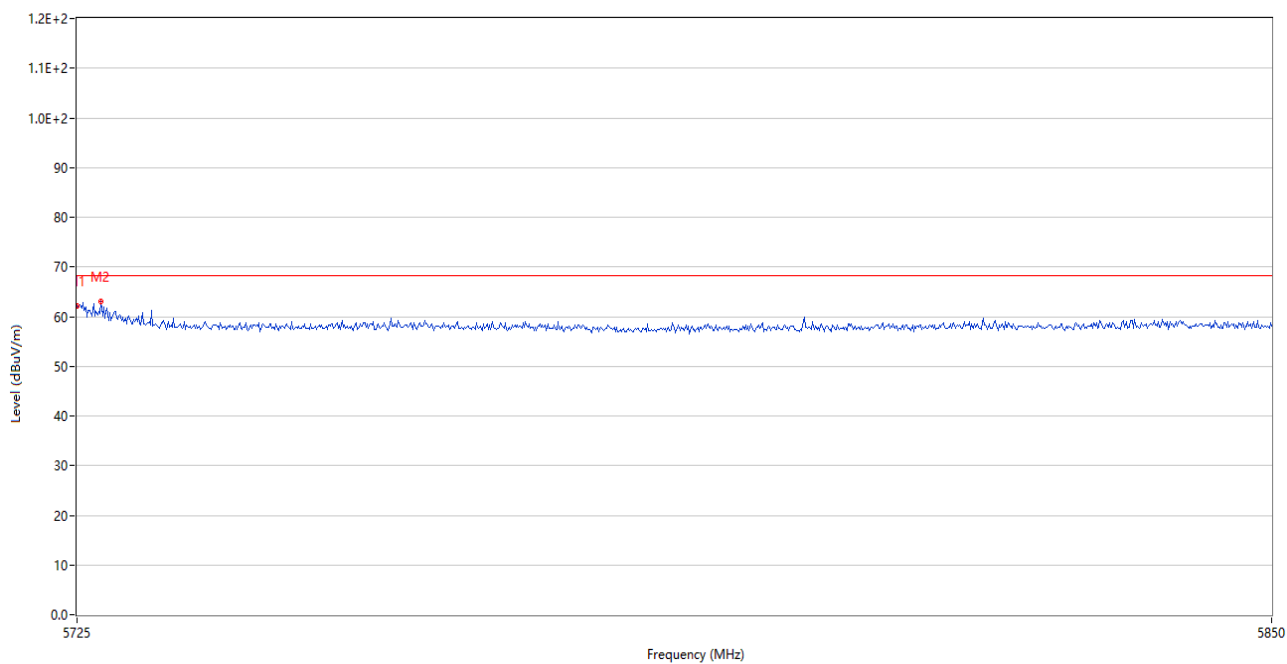
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.27	5.38	68.2	11.93	Peak	341.29	150	Horizontal	Pass
1**	5460.000	45.95	5.38	54.0	8.05	AV	341.29	150	Horizontal	Pass
2	5468.440	58.20	5.76	68.2	10.00	Peak	225.00	150	Horizontal	Pass
2**	5468.440	46.37	5.76	--	-46.37	AV	225.00	150	Horizontal	N/A

U-NII-2C 11a High Channel ANT V



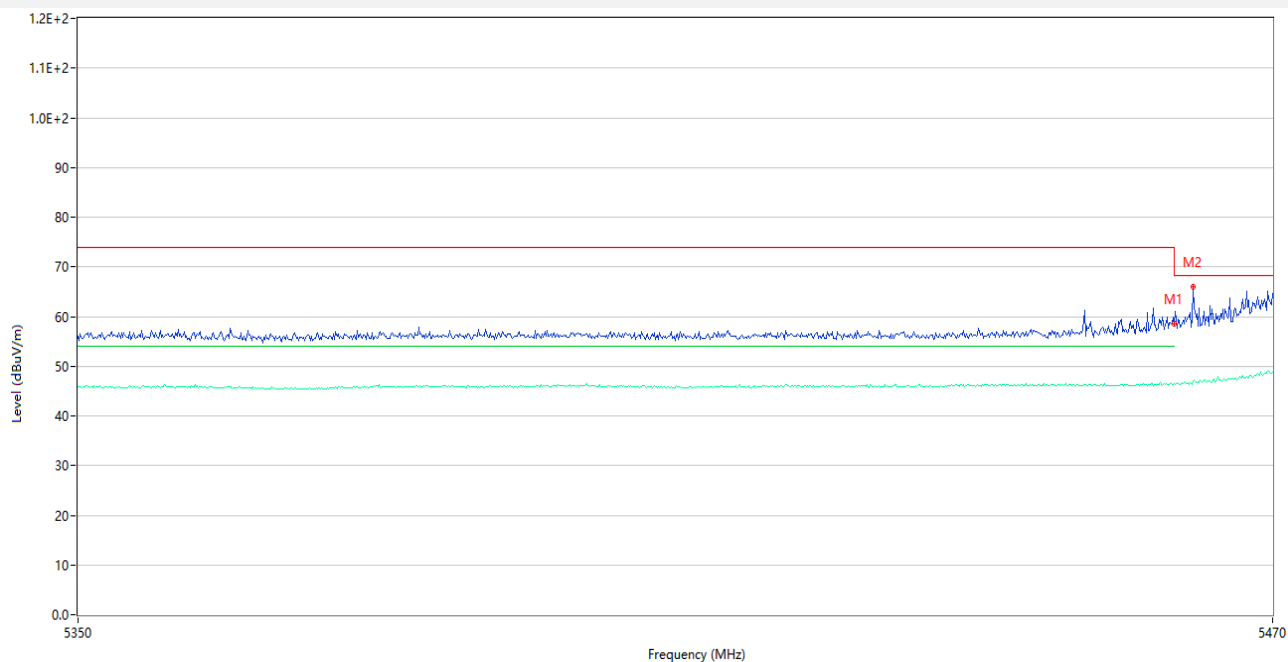
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.49	6.57	68.2	3.71	Peak	70.00	150	Vertical	Pass
2	5725.875	67.12	6.55	68.2	1.08	Peak	70.00	150	Vertical	Pass

U-NII-2C 11a 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	5725.000	62.07	6.57	68.2	6.13	Peak	133.00	150	Horizontal	Pass
2	5727.500	63.09	6.50	68.2	5.11	Peak	219.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel ANT V



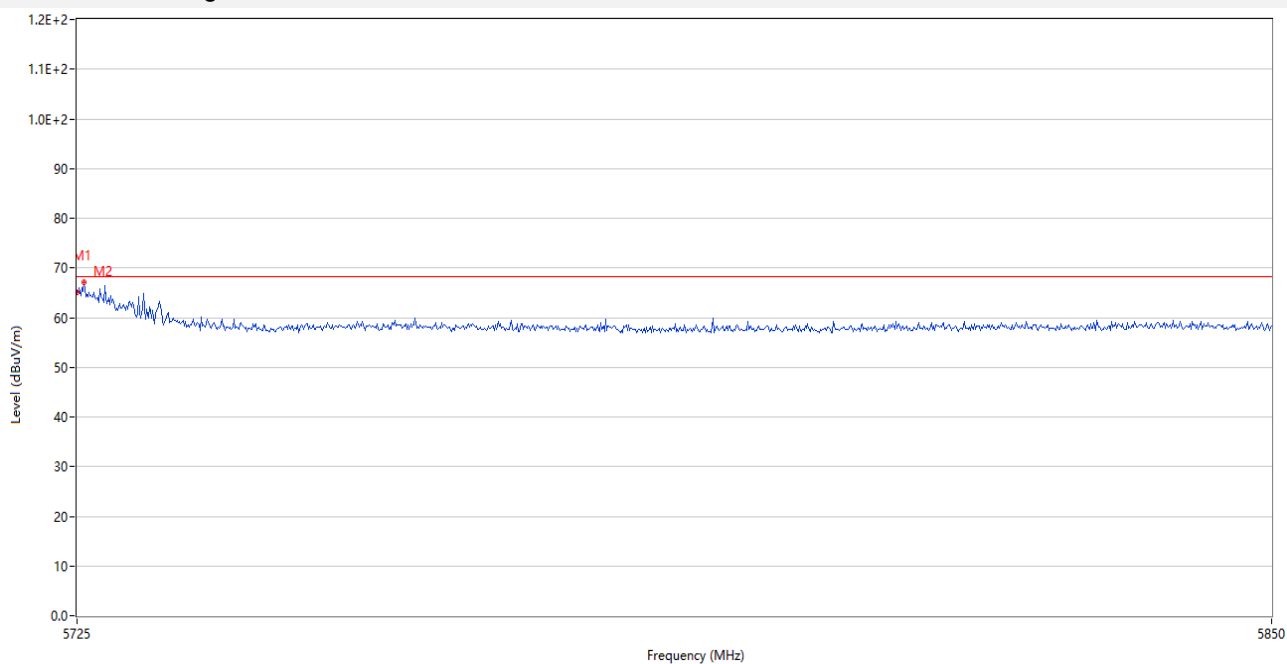
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.88	5.38	68.2	9.32	Peak	178.84	150	Vertical	Pass
1**	5460.000	46.47	5.38	54.0	7.53	AV	178.84	150	Vertical	Pass
2	5461.960	65.90	5.46	68.2	2.30	Peak	114.00	150	Vertical	Pass
2**	5461.960	46.96	5.46	--	-46.96	AV	114.00	150	Vertical	N/A

U-NII-2C 11ac20 Low Channel ANT H



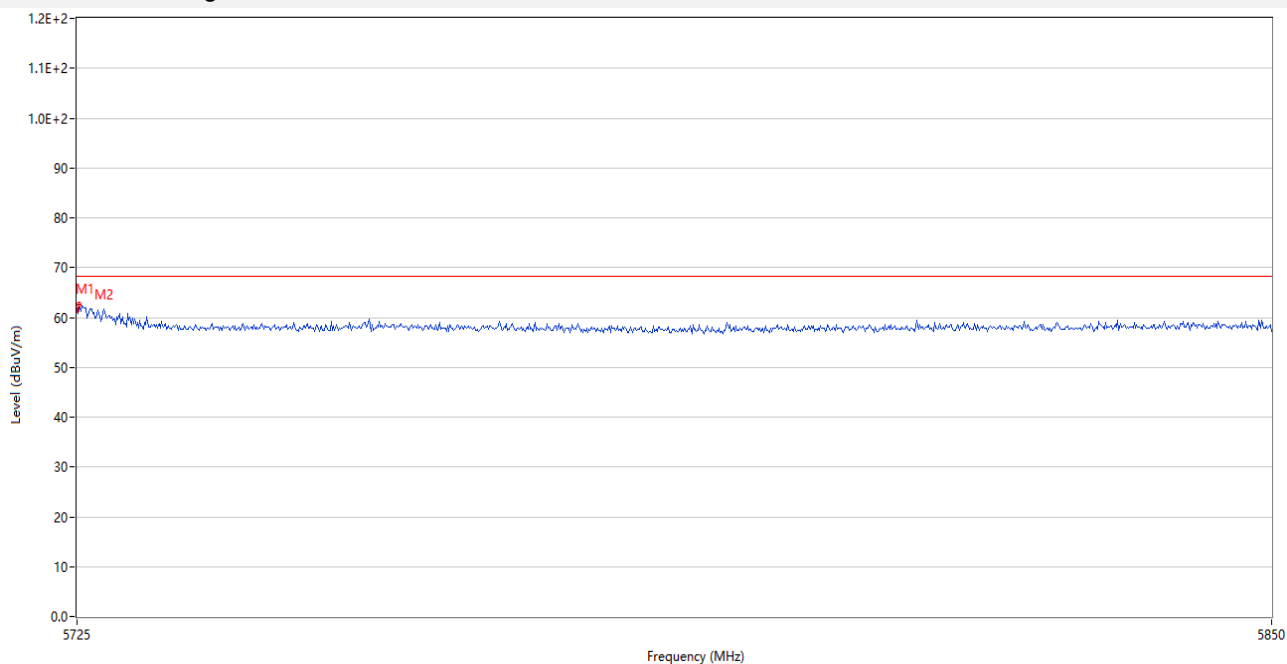
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.07	5.38	68.2	12.13	Peak	359.00	150	Horizontal	Pass
1**	5460.000	45.72	5.38	54.0	8.28	AV	359.00	150	Horizontal	Pass
2	5467.960	59.64	5.72	68.2	8.56	Peak	28.00	150	Horizontal	Pass
2**	5467.960	46.29	5.72	--	-46.29	AV	28.00	150	Horizontal	N/A

U-NII-2C 11ac20 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	5725.000	65.15	6.57	68.2	3.05	Peak	71.00	150	Vertical	Pass
2	5725.750	67.08	6.55	68.2	1.12	Peak	259.00	150	Vertical	Pass

U-NII-2C 11ac20 High Channel ANT H



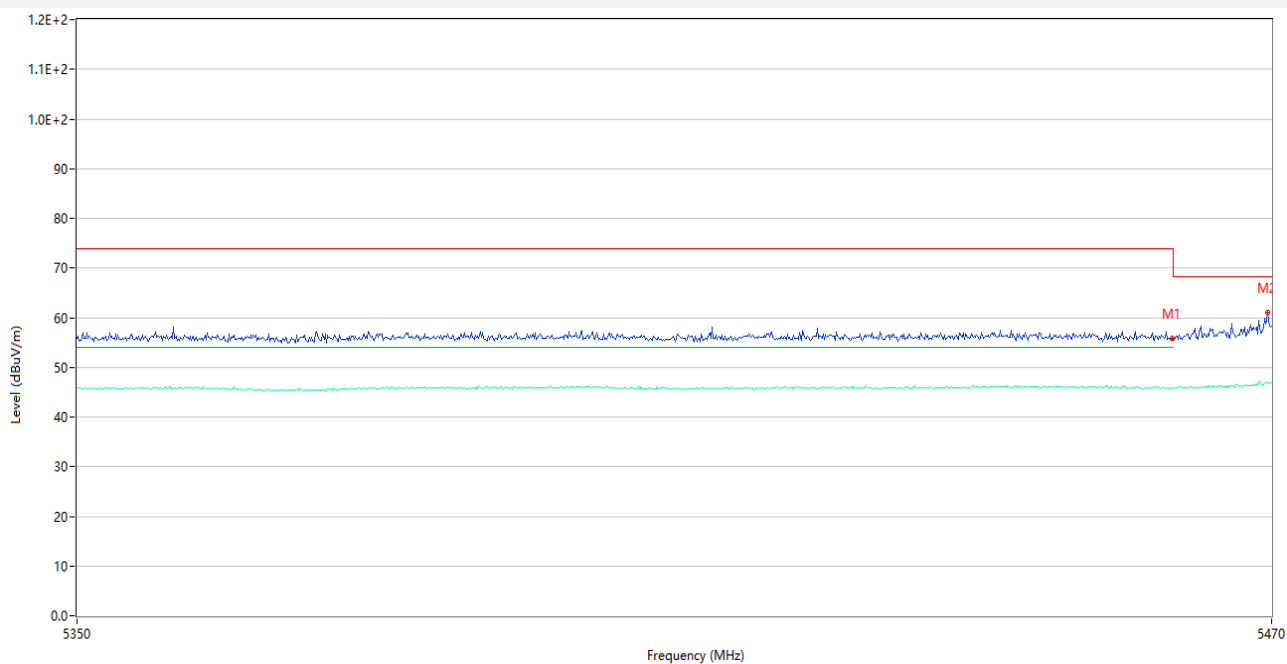
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.43	6.57	68.2	6.77	Peak	217.00	150	Horizontal	Pass
2	5725.250	62.70	6.56	68.2	5.50	Peak	242.00	150	Horizontal	Pass

U-NII-2C 11ac40 Low Channel ANT V



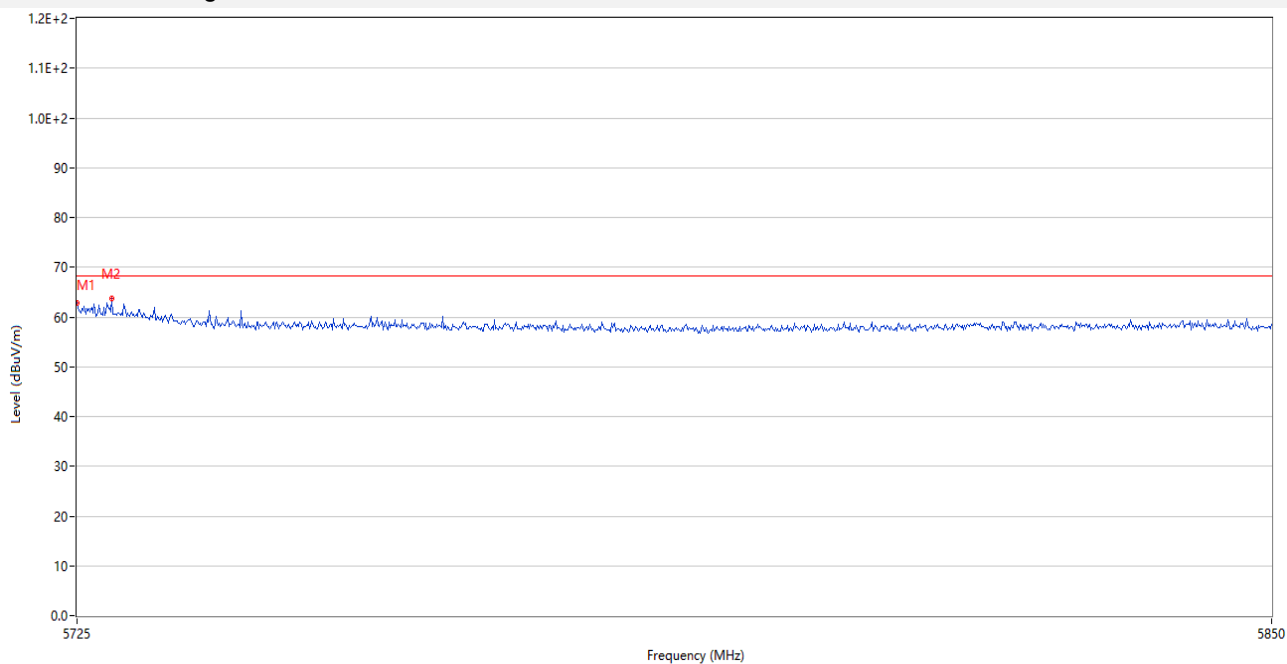
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.87	5.38	68.2	9.33	Peak	109.67	150	Vertical	Pass
1**	5460.000	46.94	5.38	54.0	7.06	AV	109.67	150	Vertical	Pass
2	5469.400	67.26	5.80	68.2	0.94	Peak	108.00	150	Vertical	Pass
2**	5469.400	49.30	5.80	--	-49.30	AV	108.00	150	Vertical	N/A

U-NII-2C 11ac40 Low Channel ANT H



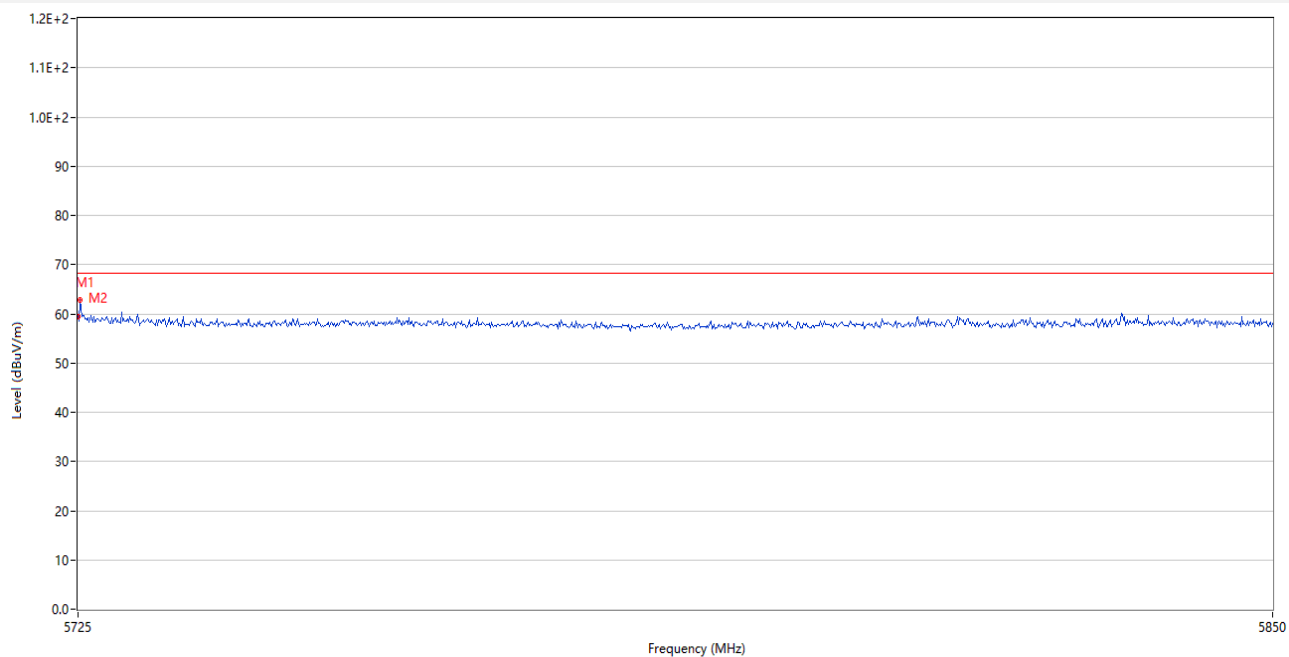
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	55.76	5.38	68.2	12.44	Peak	160.84	150	Horizontal	Pass
1**	5460.000	45.75	5.38	54.0	8.25	AV	160.84	150	Horizontal	Pass
2	5469.640	61.08	5.80	68.2	7.12	Peak	219.00	150	Horizontal	Pass
2**	5469.640	47.08	5.80	--	-47.08	AV	219.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel ANT V



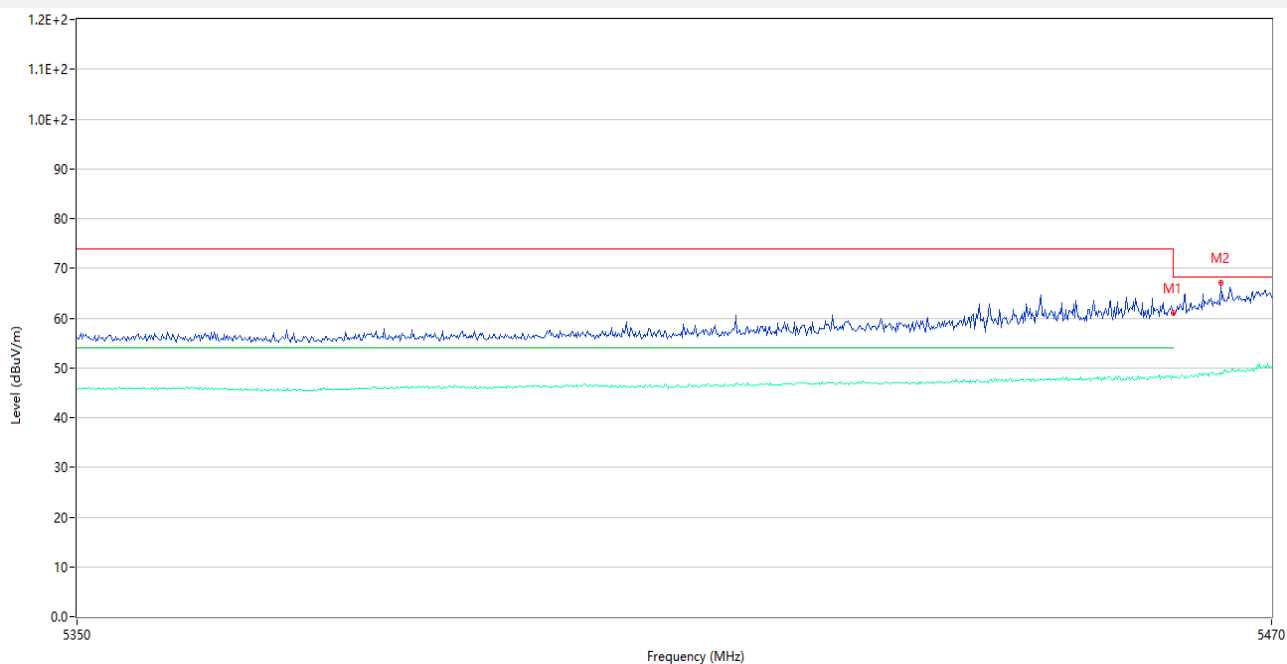
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.84	6.57	68.2	5.36	Peak	45.00	150	Vertical	Pass
2	5728.625	63.65	6.44	68.2	4.55	Peak	64.00	150	Vertical	Pass

U-NII-2C 11ac40 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	5725.000	59.41	6.57	68.2	8.79	Peak	335.00	150	Horizontal	Pass
2	5725.250	62.89	6.56	68.2	5.31	Peak	231.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel ANT V



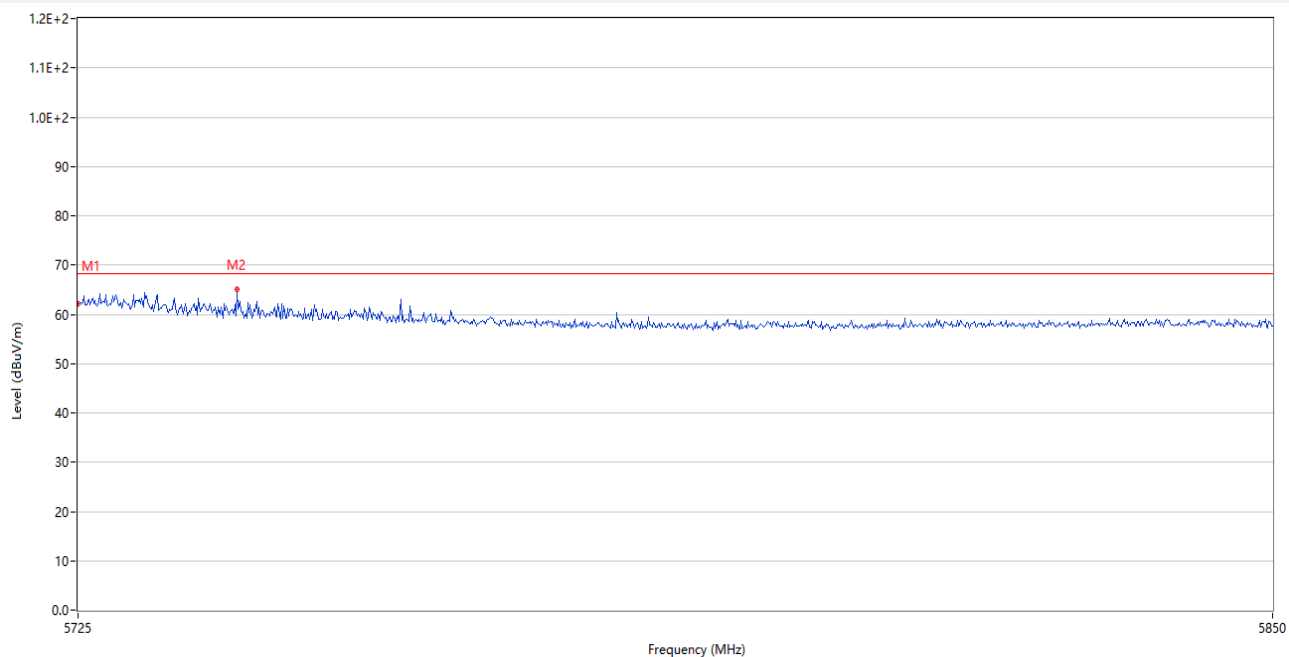
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	61.22	5.38	68.2	6.98	Peak	117.66	150	Vertical	Pass
1**	5460.000	48.28	5.38	54.0	5.72	AV	117.66	150	Vertical	Pass
2	5464.840	67.19	5.58	68.2	1.01	Peak	65.00	150	Vertical	Pass
2**	5464.840	48.69	5.58	--	-48.69	AV	65.00	150	Vertical	N/A

U-NII-2C 11ac80 Low Channel ANT H



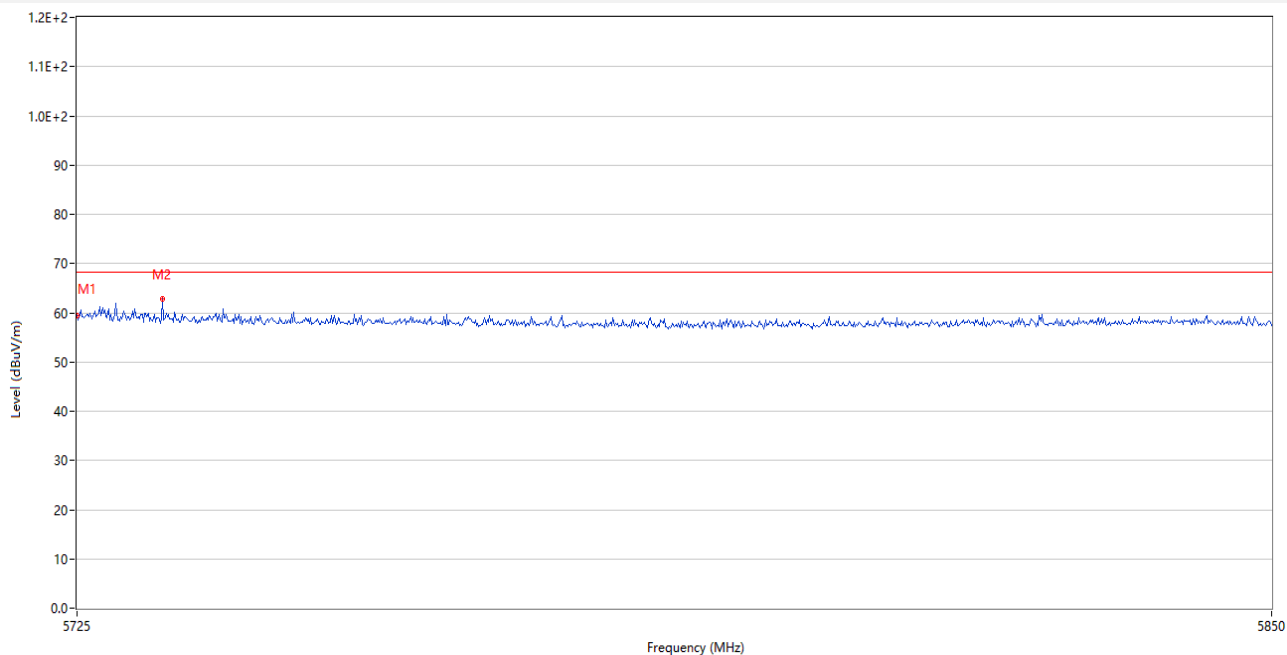
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	56.75	5.38	68.2	11.45	Peak	181.80	150	Horizontal	Pass
1**	5460.000	45.94	5.38	54.0	8.06	AV	181.80	150	Horizontal	Pass
2	5469.760	60.96	5.80	68.2	7.24	Peak	225.00	150	Horizontal	Pass
2**	5469.760	47.10	5.80	--	-47.10	AV	225.00	150	Horizontal	N/A

U-NII-2C 11ac80 High Channel ANT V



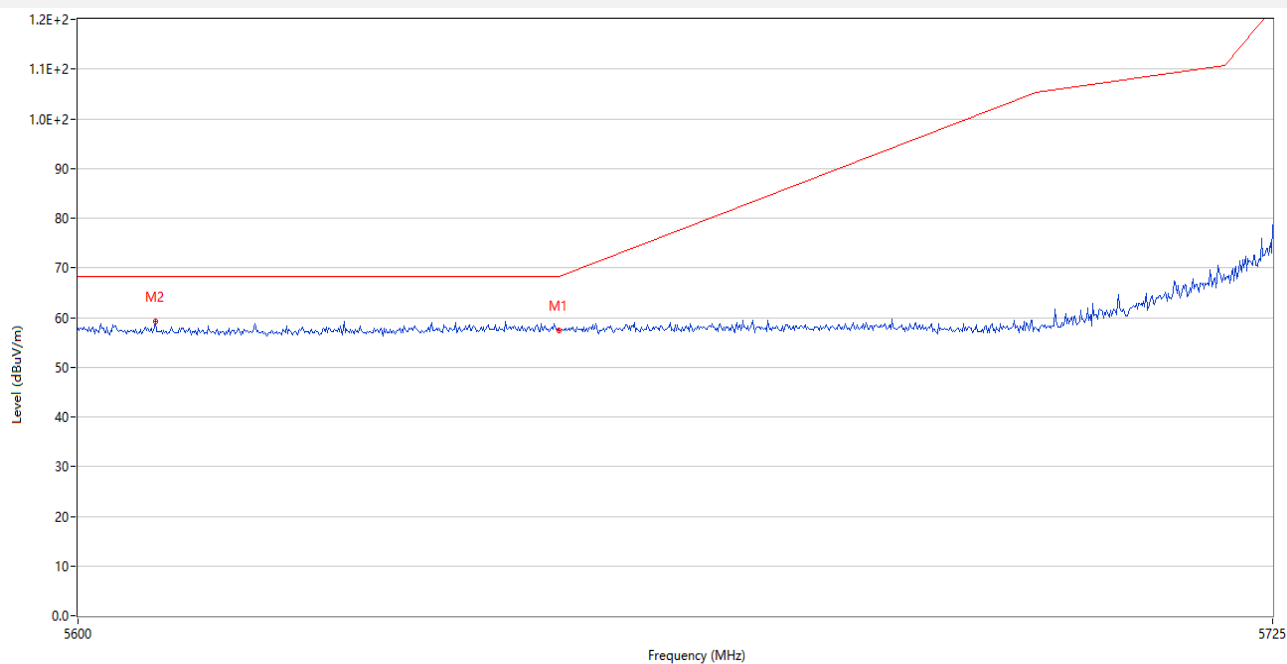
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.11	6.57	68.2	6.09	Peak	175.00	150	Vertical	Pass
2	5741.500	65.11	6.32	68.2	3.09	Peak	259.00	150	Vertical	Pass

U-NII-2C 11ac80 High Channel ANT H



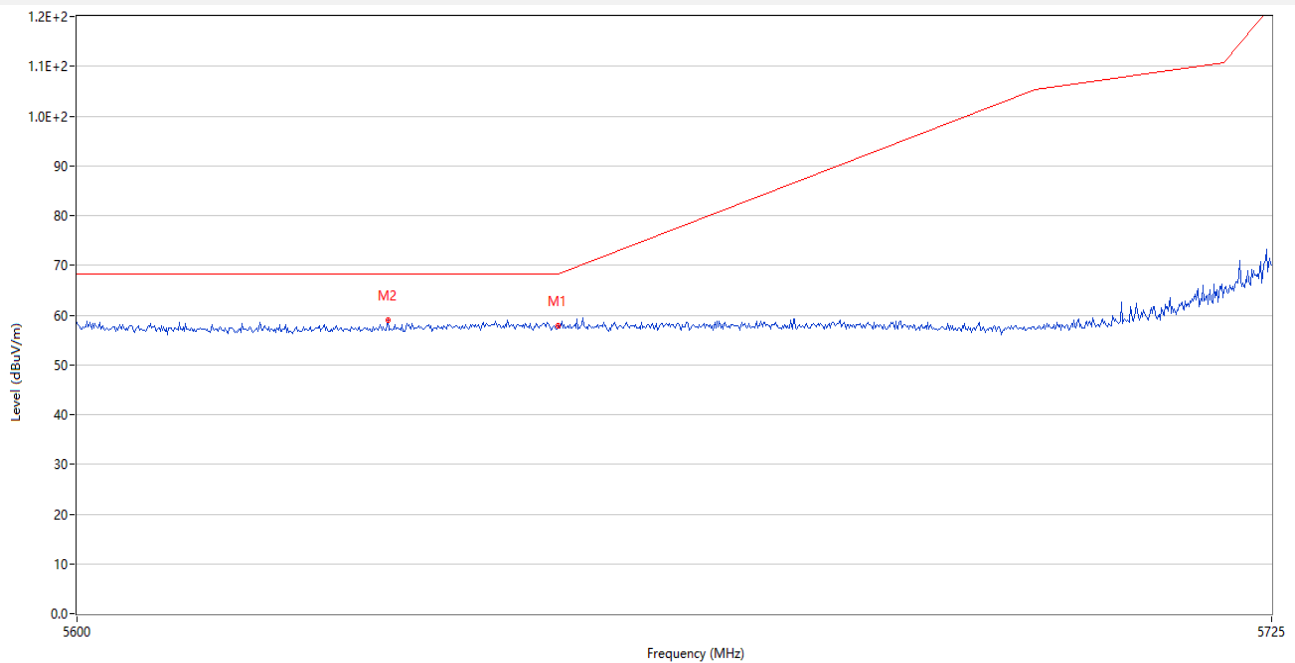
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.52	6.57	68.2	8.68	Peak	219.00	150	Horizontal	Pass
2	5733.875	62.80	6.30	68.2	5.40	Peak	219.00	150	Horizontal	Pass

U-NII-3 11a Low Channel ANT V



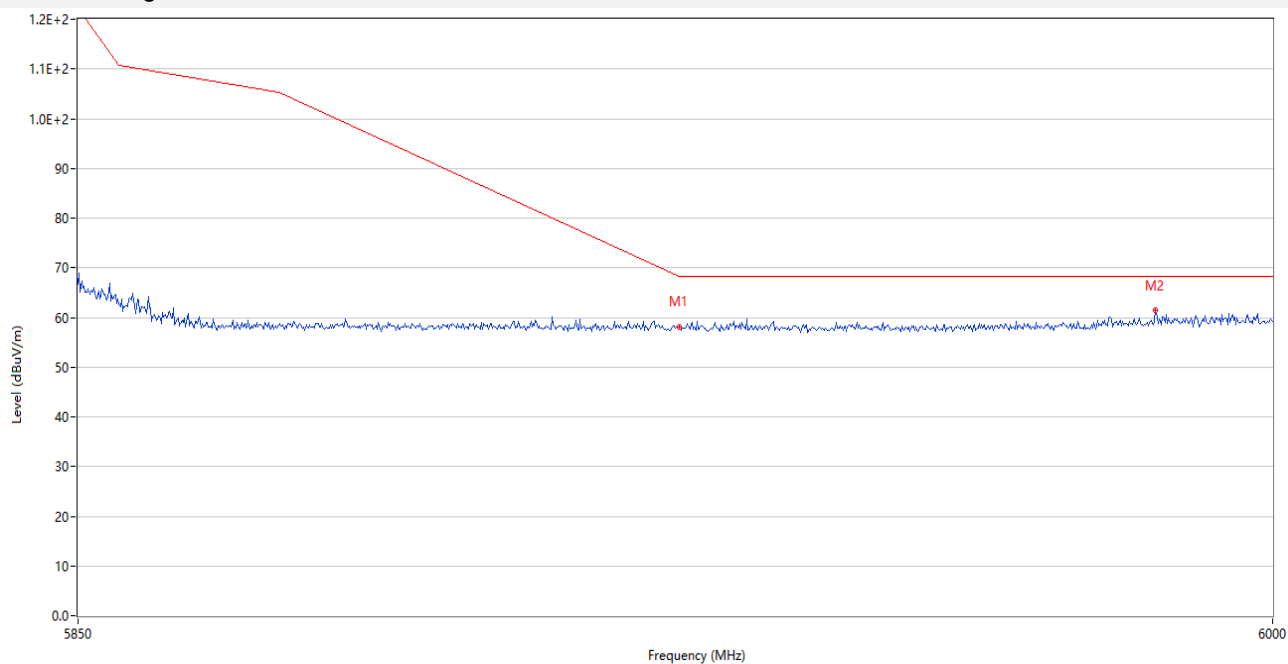
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.37	5.94	68.2	10.83	Peak	309.91	150	Vertical	Pass
2	5608.000	59.32	5.87	68.2	8.88	Peak	174.00	150	Vertical	Pass

U-NII-3 11a Low Channel ANT H



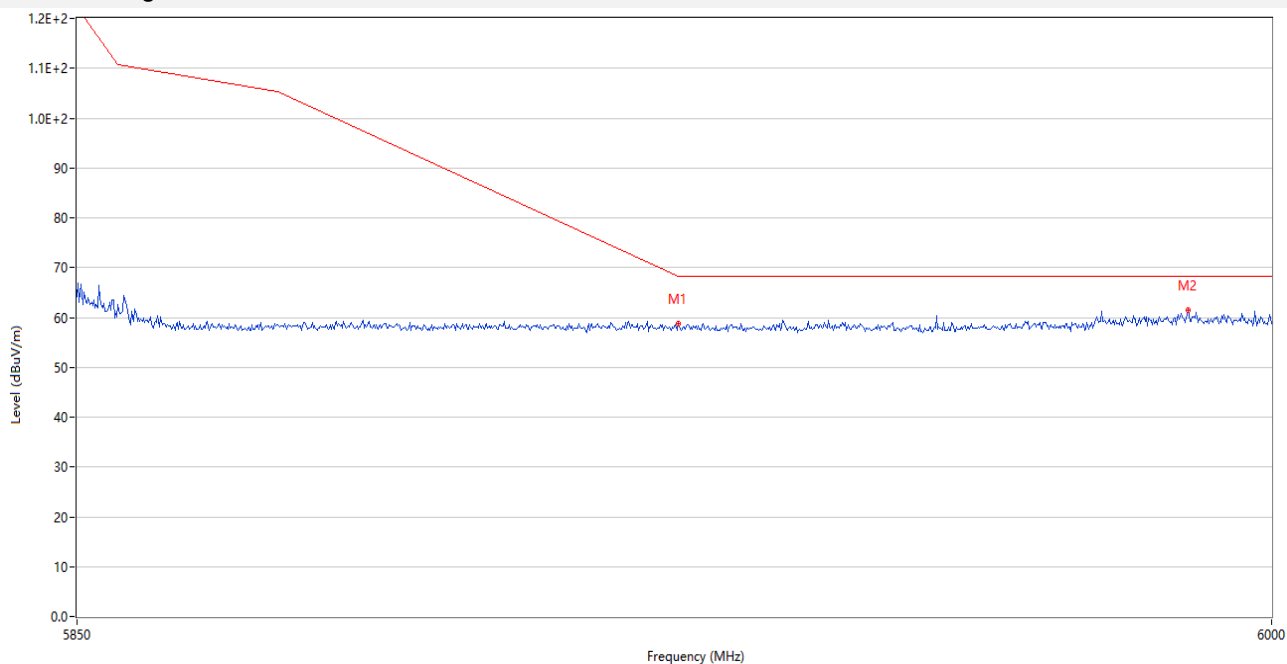
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.83	5.94	68.2	10.37	Peak	142.22	150	Horizontal	Pass
2	5632.250	59.09	5.85	68.2	9.11	Peak	7.00	150	Horizontal	Pass

U-NII-3 11a High Channel ANT V



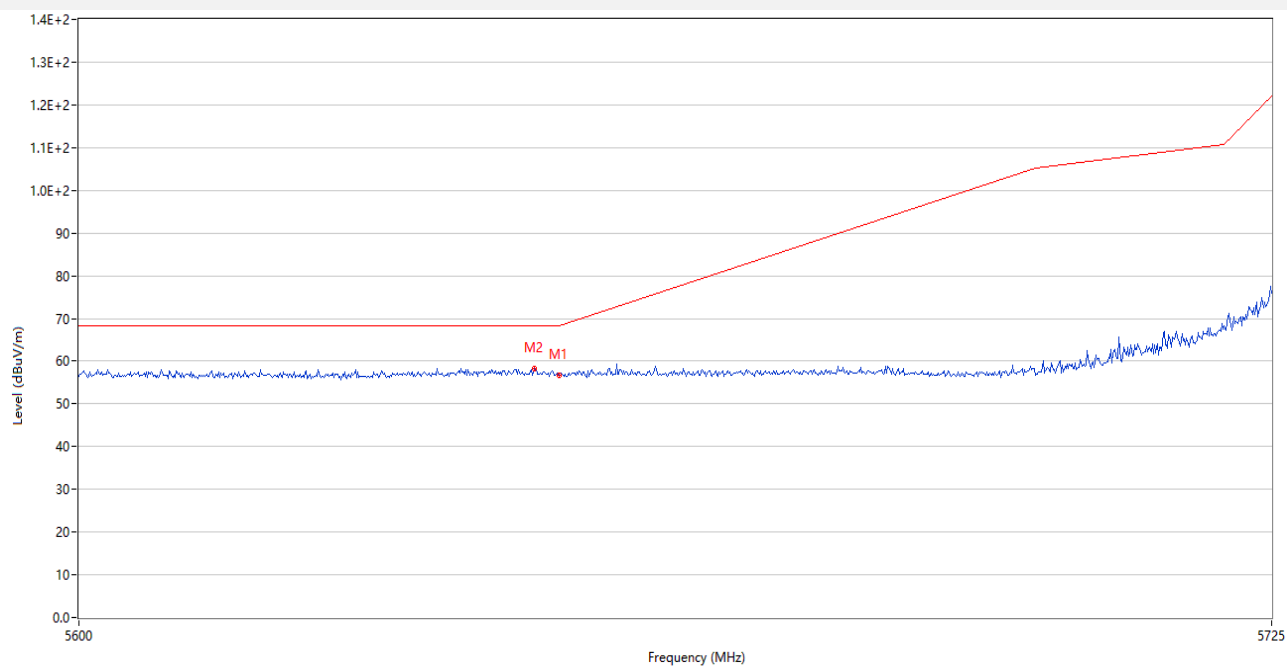
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.18	7.83	68.2	10.02	Peak	1.00	150	Vertical	Pass
2	5985.150	61.50	7.59	68.2	6.70	Peak	179.00	150	Vertical	Pass

U-NII-3 11a High Channel ANT H



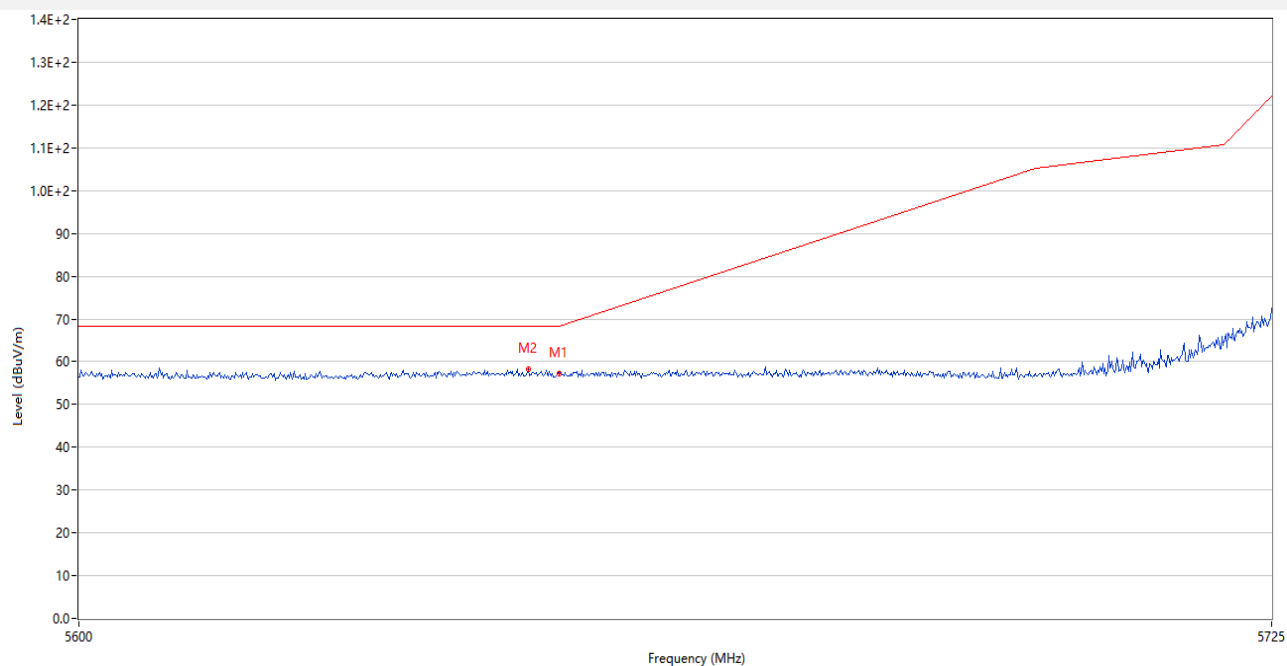
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	58.70	7.83	68.2	9.50	Peak	242.00	150	Horizontal	Pass
2	5989.350	61.38	7.92	68.2	6.82	Peak	81.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel ANT V



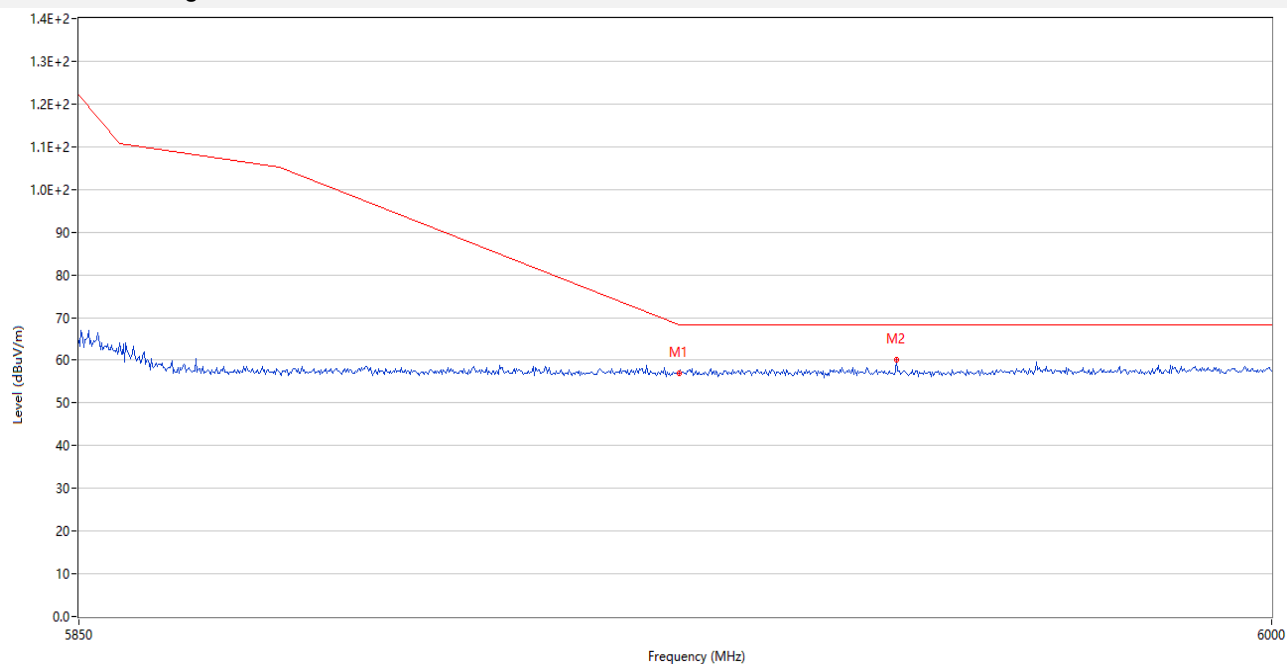
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.63	5.94	68.2	11.57	Peak	35.07	150	Vertical	Pass
2	5647.375	58.19	5.95	68.2	10.01	Peak	130.00	150	Vertical	Pass

U-NII-3 11ac20 Low Channel ANT H



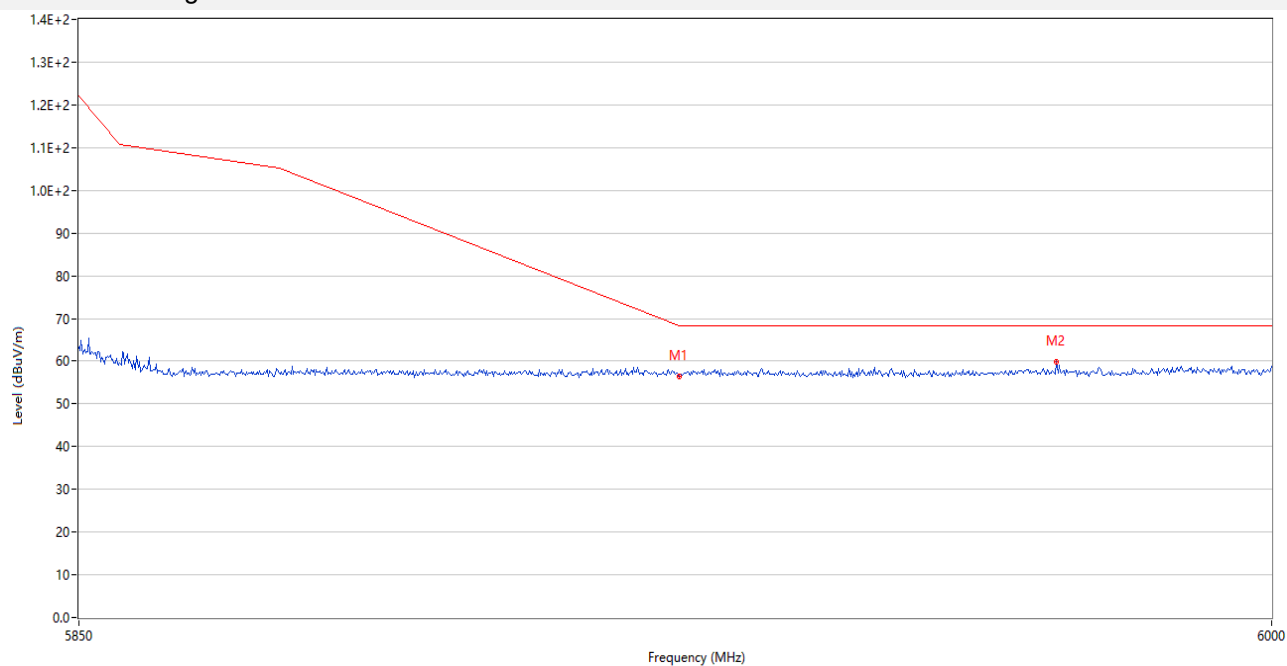
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.17	5.94	68.2	11.03	Peak	54.10	150	Horizontal	Pass
2	5646.750	58.31	5.96	68.2	9.89	Peak	313.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel ANT V



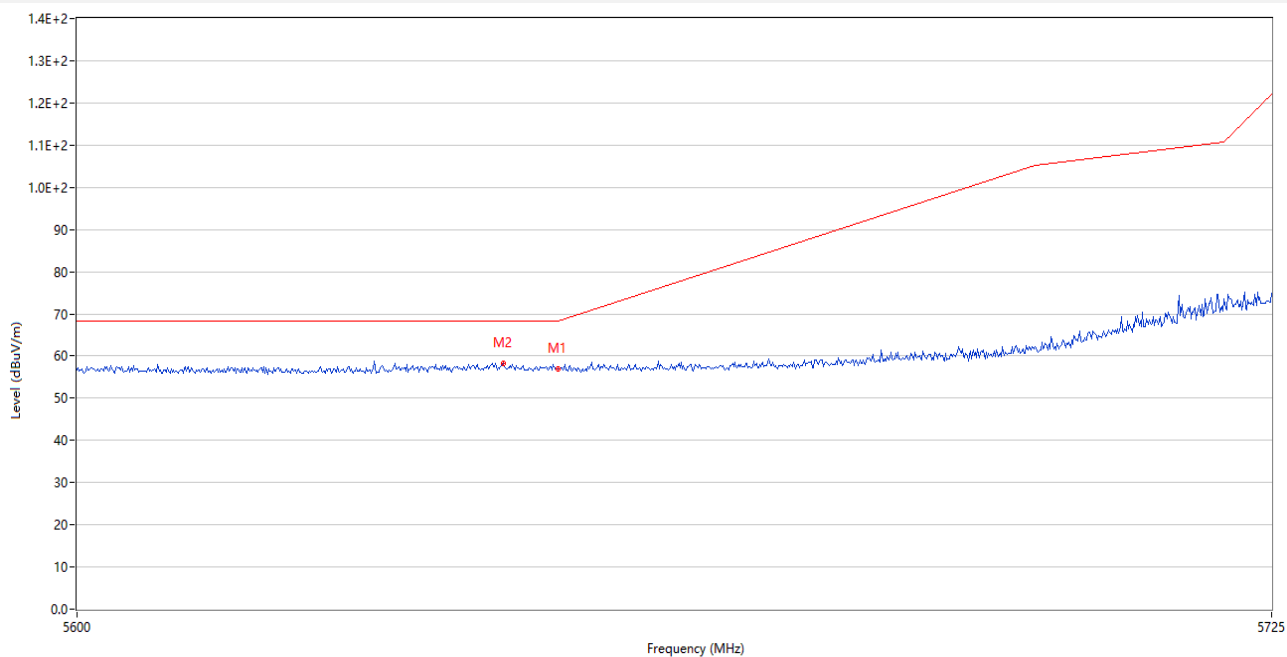
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.01	7.83	68.2	11.19	Peak	2.30	150	Vertical	Pass
2	5952.450	60.23	7.45	68.2	7.97	Peak	360.00	150	Vertical	Pass

U-NII-3 11ac20 High Channel ANT H



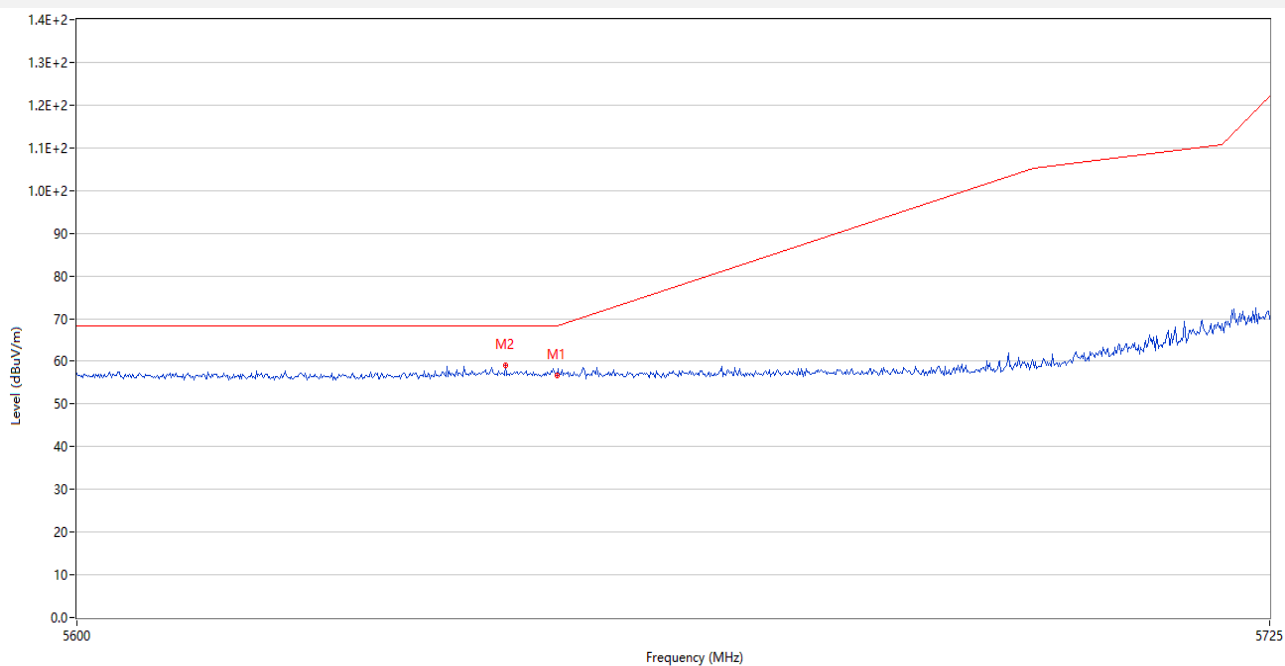
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.52	7.83	68.2	11.68	Peak	79.12	150	Horizontal	Pass
2	5972.700	59.88	7.50	68.2	8.32	Peak	216.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel ANT V



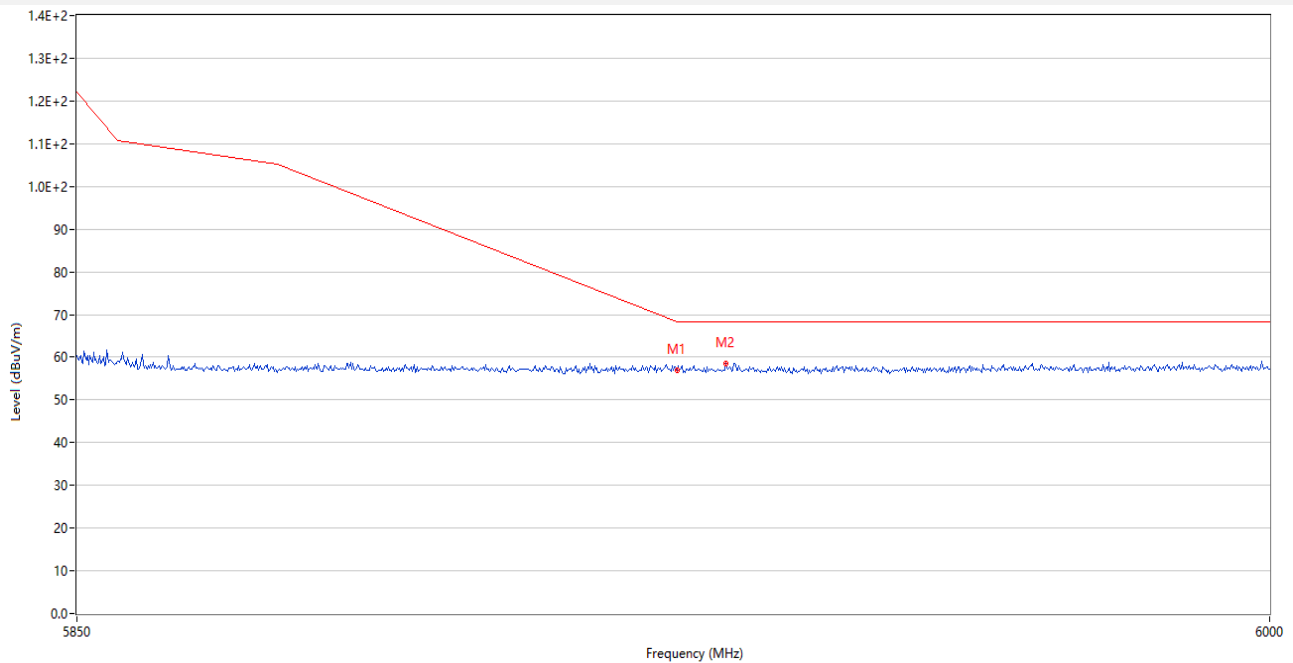
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.90	5.94	68.2	11.30	Peak	55.15	150	Vertical	Pass
2	5644.250	58.34	6.02	68.2	9.86	Peak	0.00	150	Vertical	Pass

U-NII-3 11ac40 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	5650.000	56.65	5.94	68.2	11.55	Peak	359.65	150	Horizontal	Pass
2	5644.625	58.96	6.02	68.2	9.24	Peak	356.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel ANT V



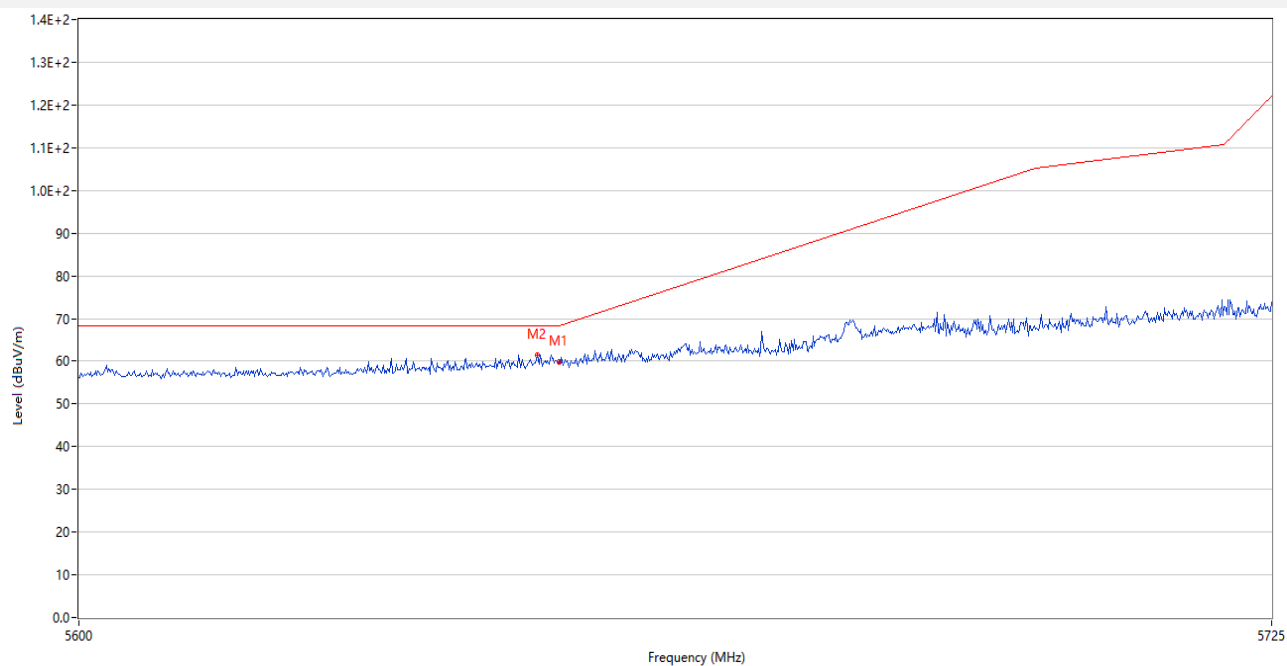
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.86	7.83	68.2	11.34	Peak	50.23	150	Vertical	Pass
2	5931.150	58.40	7.67	68.2	9.80	Peak	152.00	150	Vertical	Pass

U-NII-3 11ac40 High Channel ANT H



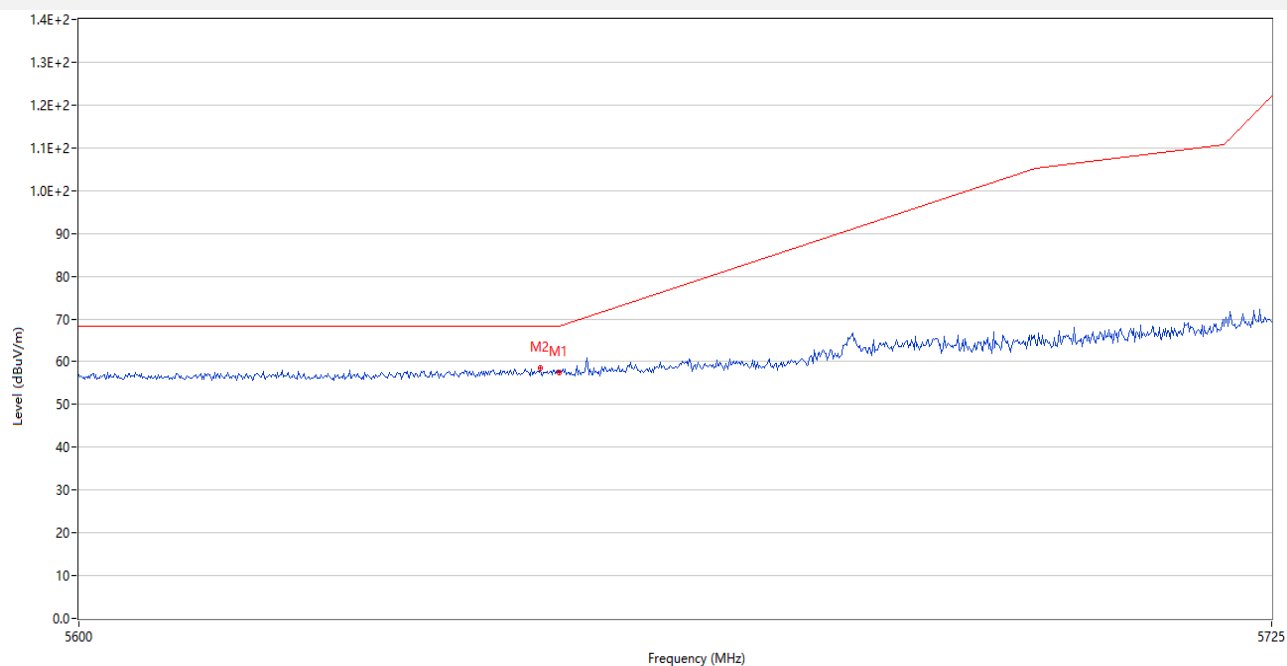
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.29	7.83	68.2	10.91	Peak	357.00	150	Horizontal	Pass
2	5952.150	59.27	7.46	68.2	8.93	Peak	0.00	150	Horizontal	Pass

U-NII-3 11ac80 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	5650.000	59.86	5.94	68.2	8.34	Peak	254.99	150	Vertical	PASS
2	5647.750	61.50	5.95	68.2	6.70	Peak	52.00	150	Vertical	PASS

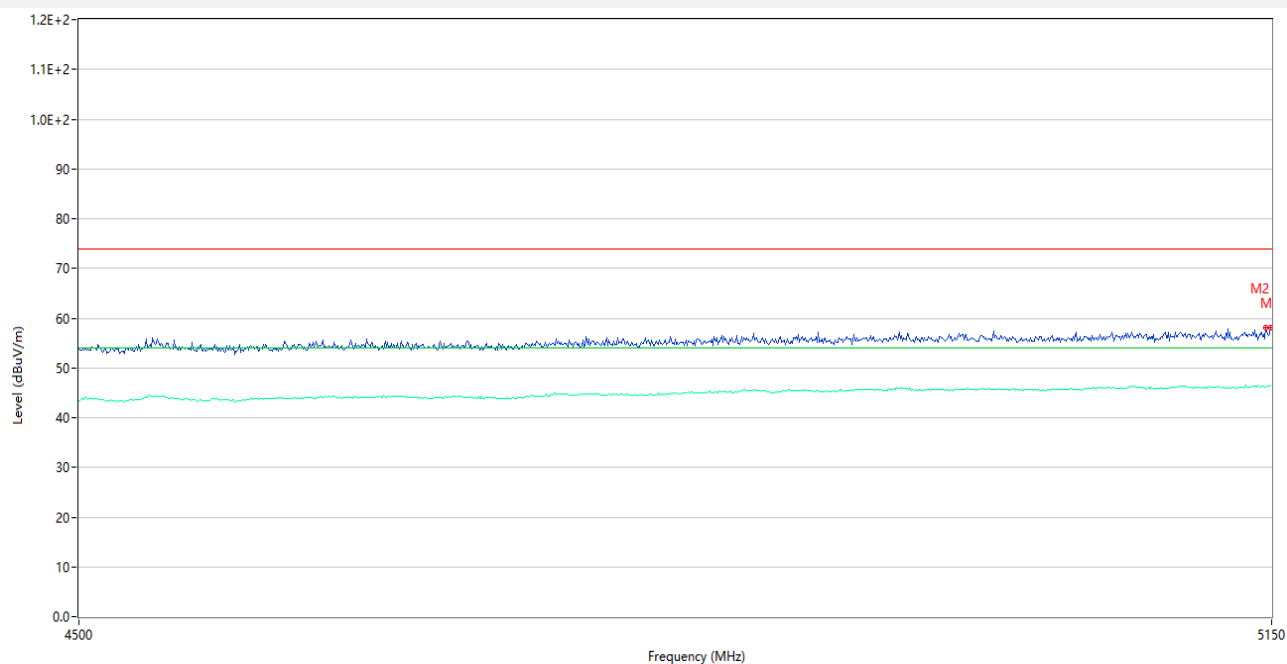
U-NII-3 11ac80 Middle Channel ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.51	5.94	68.2	10.69	Peak	90.12	150	Horizontal	Pass
2	5648.000	58.51	5.95	68.2	9.69	Peak	221.00	150	Horizontal	Pass

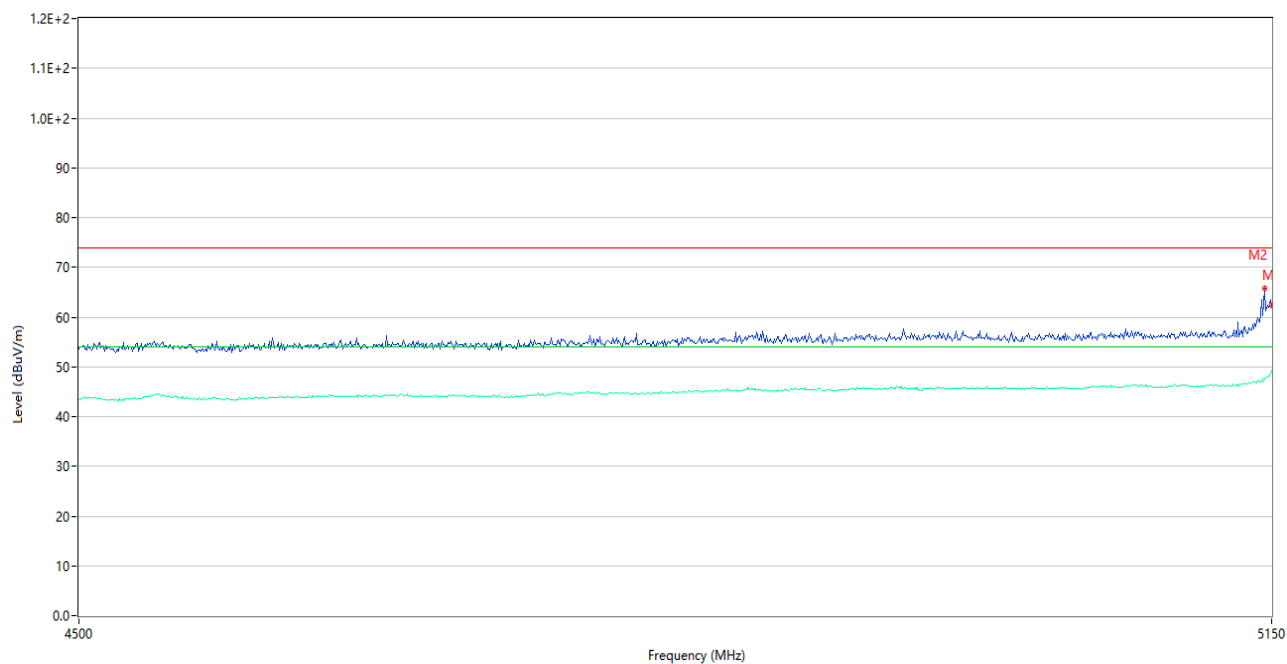
SISO Antenna 1

U-NII-1 11a Low Channel ANT V



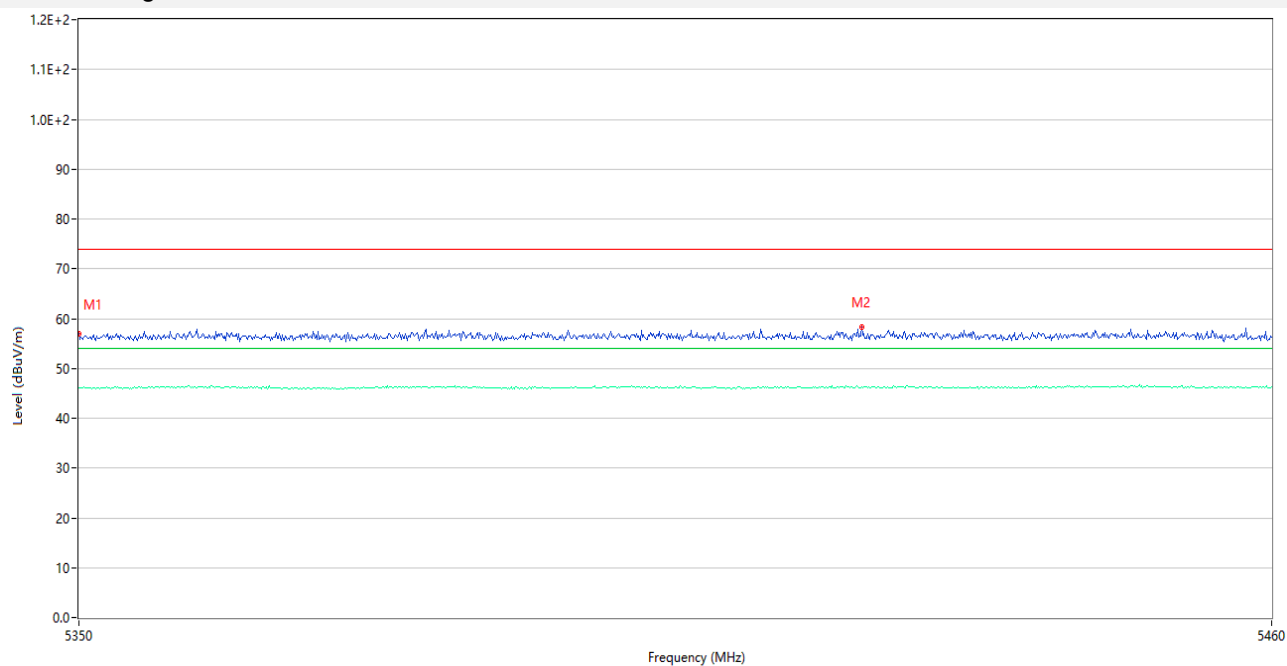
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.63	5.21	74.0	16.37	Peak	354.00	150	Vertical	Pass
1**	5150.000	46.22	5.21	54.0	7.78	AV	354.00	150	Vertical	Pass
2	5146.750	58.18	5.33	74.0	15.82	Peak	303.00	150	Vertical	Pass
2**	5146.750	46.16	5.33	54.0	7.84	AV	303.00	150	Vertical	Pass

U-NII-1 11a Low Channel ANT H



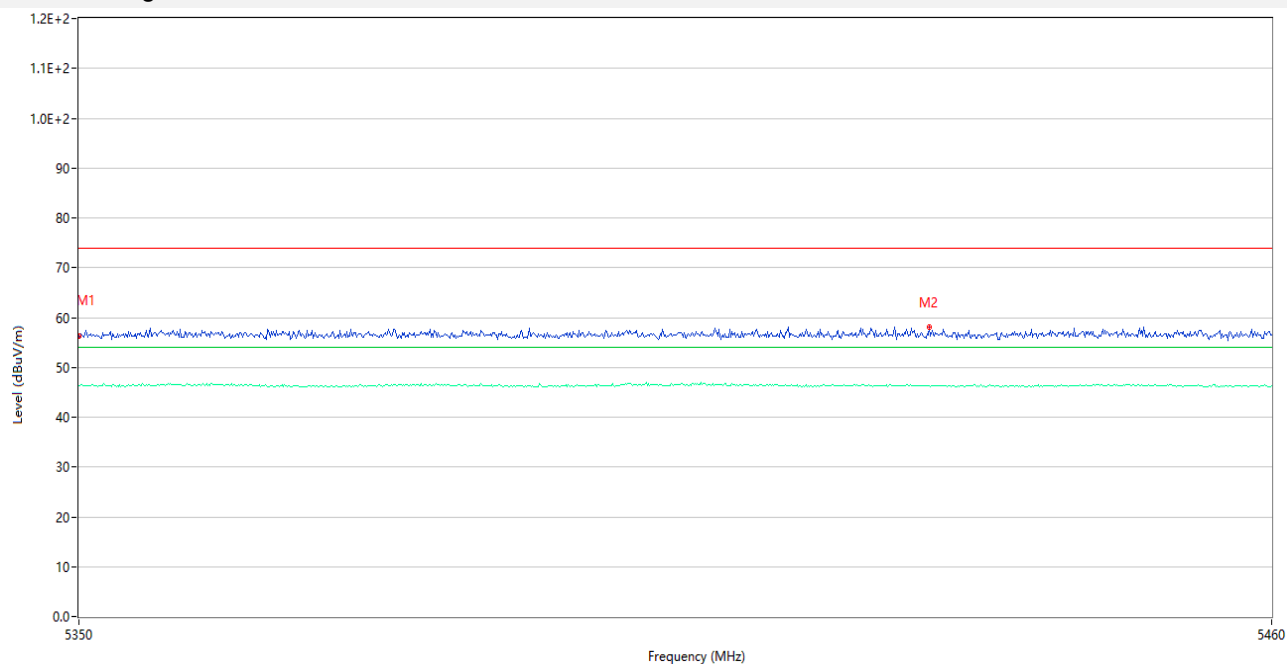
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	62.27	5.21	74.0	11.73	Peak	19.03	150	Horizontal	Pass
1**	5150.000	49.25	5.21	54.0	4.75	AV	19.03	150	Horizontal	Pass
2	5146.100	65.65	5.37	74.0	8.35	Peak	168.00	150	Horizontal	Pass
2**	5146.100	47.63	5.37	54.0	6.37	AV	168.00	150	Horizontal	Pass

U-NII-1 11a 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	5350.000	57.05	5.40	74.0	16.95	Peak	78.00	150	Vertical	Pass
1**	5350.000	46.02	5.40	54.0	7.98	AV	78.00	150	Vertical	Pass
2	5421.940	58.26	5.33	74.0	15.74	Peak	0.00	150	Vertical	Pass
2**	5421.940	46.31	5.33	54.0	7.69	AV	0.00	150	Vertical	Pass

U-NII-1 11a High Channel ANT H



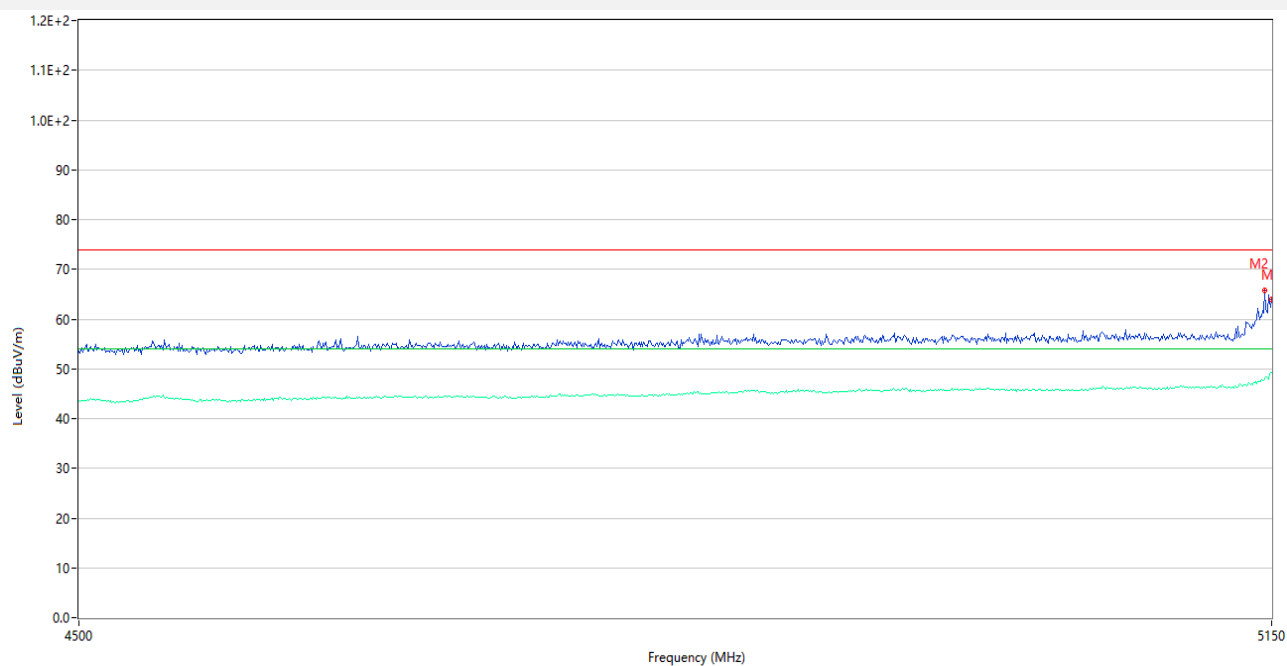
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.17	5.40	74.0	17.83	Peak	360.00	150	Horizontal	Pass
1**	5350.000	46.35	5.40	54.0	7.65	AV	360.00	150	Horizontal	Pass
2	5428.210	58.10	5.29	74.0	15.90	Peak	5.00	150	Horizontal	Pass
2**	5428.210	46.37	5.29	54.0	7.63	AV	5.00	150	Horizontal	Pass

U-NII-1 11ac20 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	5150.000	58.34	5.21	74.0	15.66	Peak	81.01	150	Vertical	Pass
1**	5150.000	46.73	5.21	54.0	7.27	AV	81.01	150	Vertical	Pass
2	5148.050	59.44	5.26	74.0	14.56	Peak	127.00	150	Vertical	Pass
2**	5148.050	46.64	5.26	54.0	7.36	AV	127.00	150	Vertical	Pass

U-NII-1 11ac20 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	5150.000	63.92	5.21	74.0	10.08	Peak	142.00	150	Horizontal	Pass
1**	5150.000	49.31	5.21	54.0	4.69	AV	142.00	150	Horizontal	Pass
2	5146.100	65.69	5.37	74.0	8.31	Peak	160.00	150	Horizontal	Pass
2**	5146.100	47.93	5.37	54.0	6.07	AV	160.00	150	Horizontal	Pass

U-NII-1 11ac20 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	5350.000	56.65	5.40	74.0	17.35	Peak	341.00	150	Vertical	Pass
1**	5350.000	46.17	5.40	54.0	7.83	AV	341.00	150	Vertical	Pass
2	5359.680	58.64	5.69	74.0	15.36	Peak	196.00	150	Vertical	Pass
2**	5359.680	46.48	5.69	54.0	7.52	AV	196.00	150	Vertical	Pass

U-NII-1 11ac20 High Channel ANT H



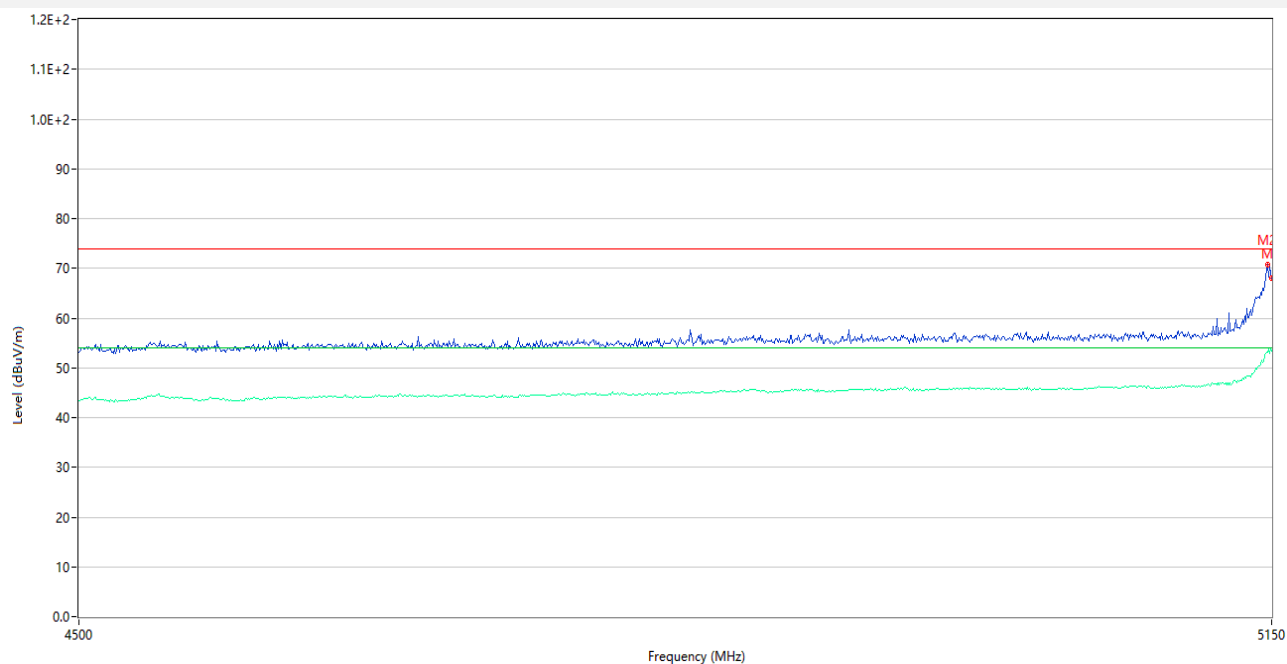
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.38	5.40	74.0	17.62	Peak	117.00	150	Horizontal	Pass
1**	5350.000	46.35	5.40	54.0	7.65	AV	117.00	150	Horizontal	Pass
2	5453.950	58.68	5.50	74.0	15.32	Peak	352.00	150	Horizontal	Pass
2**	5453.950	46.38	5.50	54.0	7.62	AV	352.00	150	Horizontal	Pass

U-NII-1 11ac40 Low Channel ANT V



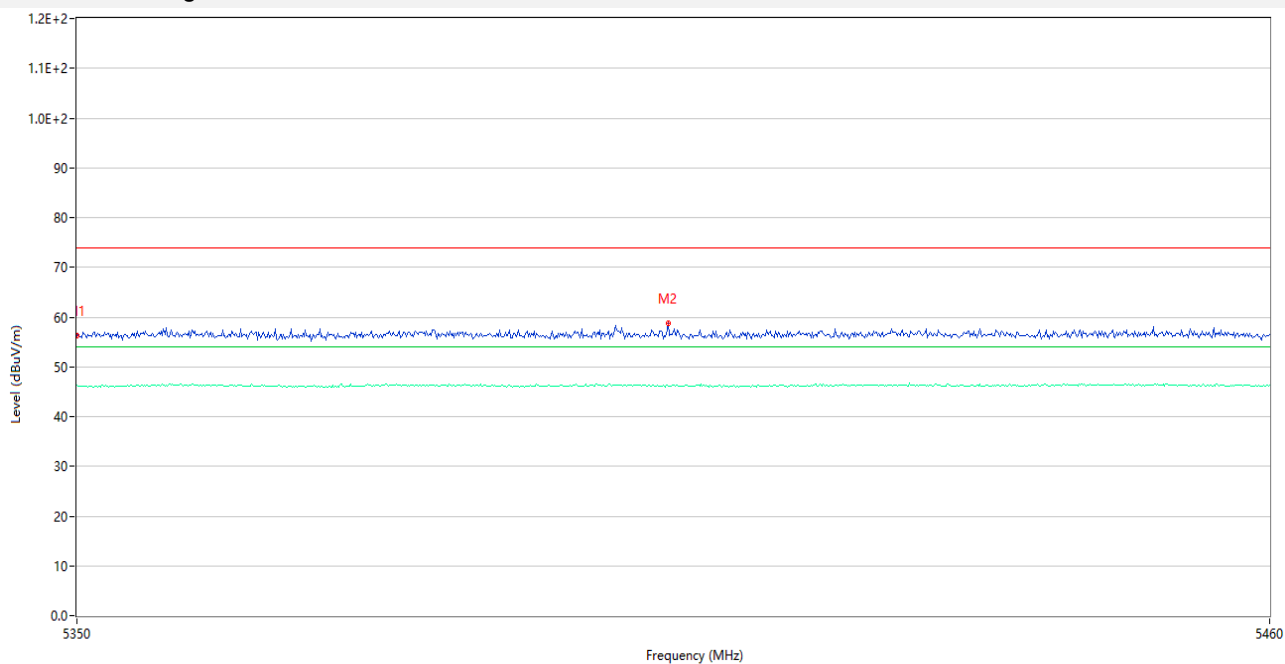
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	64.60	5.21	74.0	9.40	Peak	217.99	150	Vertical	Pass
1**	5150.000	48.00	5.21	54.0	6.00	AV	217.99	150	Vertical	Pass
2	5148.700	64.41	5.23	74.0	9.59	Peak	108.00	150	Vertical	Pass
2**	5148.700	47.85	5.23	54.0	6.15	AV	108.00	150	Vertical	Pass

U-NII-1 11ac40 Low Channel ANT H



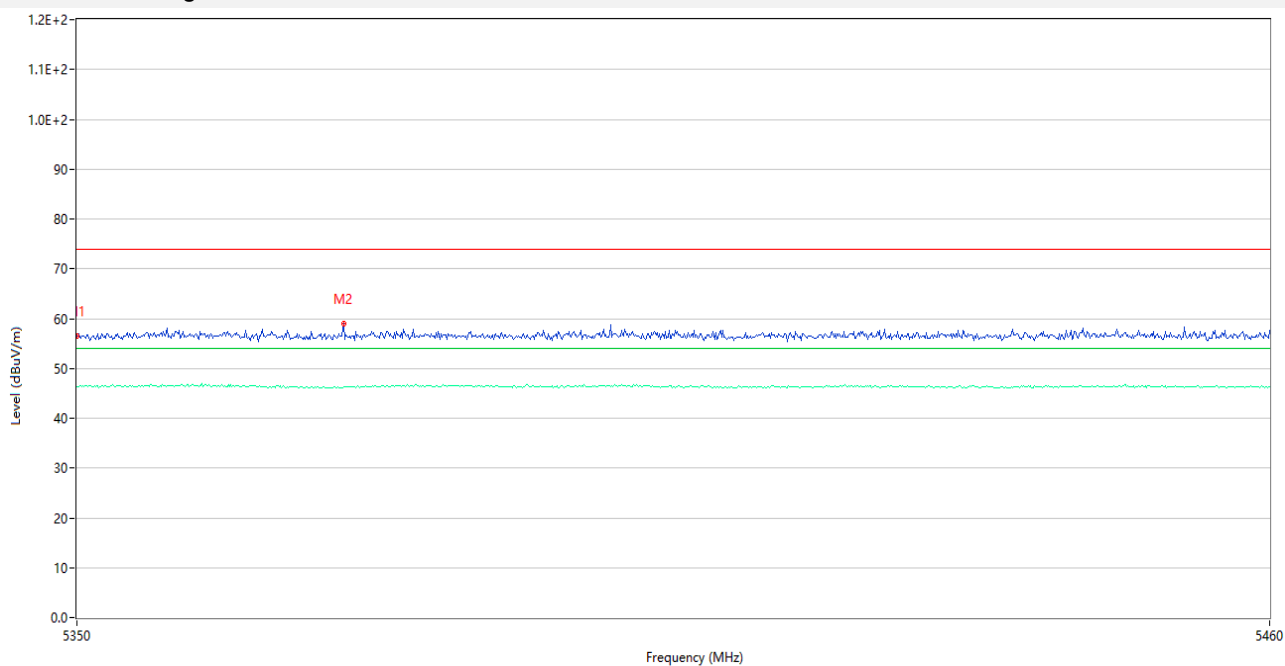
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	68.01	5.21	74.0	5.99	Peak	161.97	150	Horizontal	Pass
1**	5150.000	53.37	5.21	54.0	0.63	AV	161.97	150	Horizontal	Pass
2	5147.400	70.70	5.29	74.0	3.30	Peak	162.00	150	Horizontal	Pass
2**	5147.400	53.01	5.29	54.0	0.99	AV	162.00	150	Horizontal	Pass

U-NII-1 11ac40 High Channel ANT V



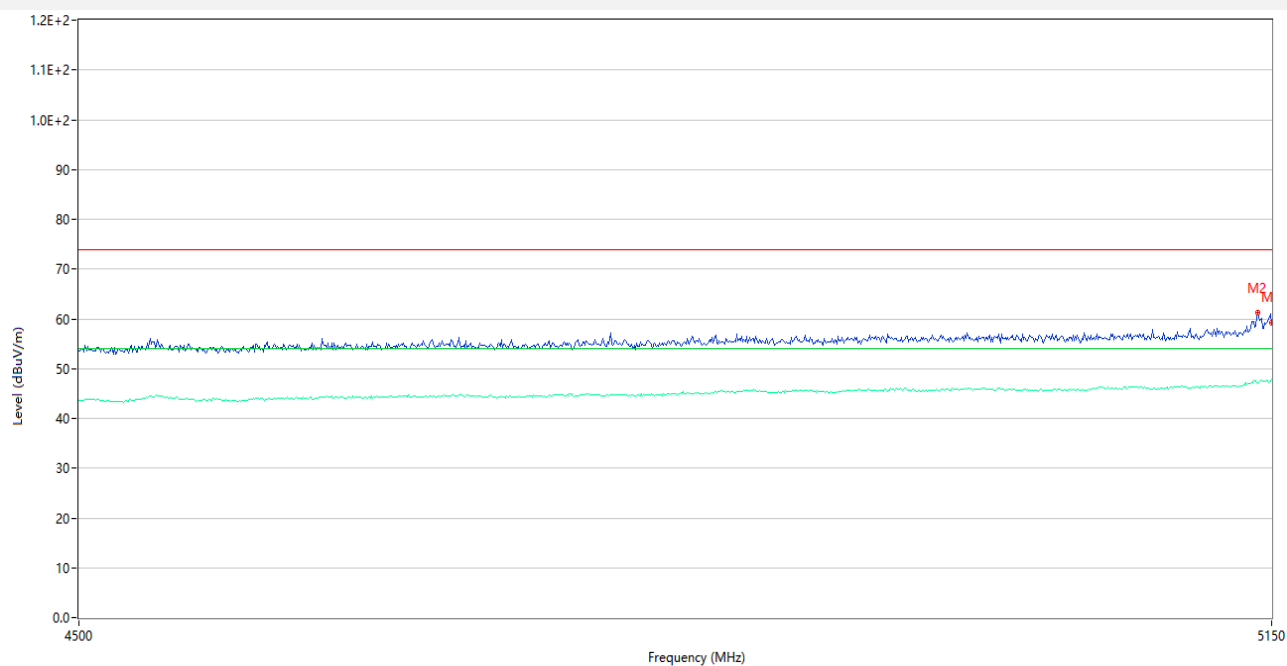
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.19	5.40	74.0	17.81	Peak	359.00	150	Vertical	Pass
1**	5350.000	46.33	5.40	54.0	7.67	AV	359.00	150	Vertical	Pass
2	5404.230	58.70	5.48	74.0	15.30	Peak	357.00	150	Vertical	Pass
2**	5404.230	46.13	5.48	54.0	7.87	AV	357.00	150	Vertical	Pass

U-NII-1 11ac40 High Channel ANT H



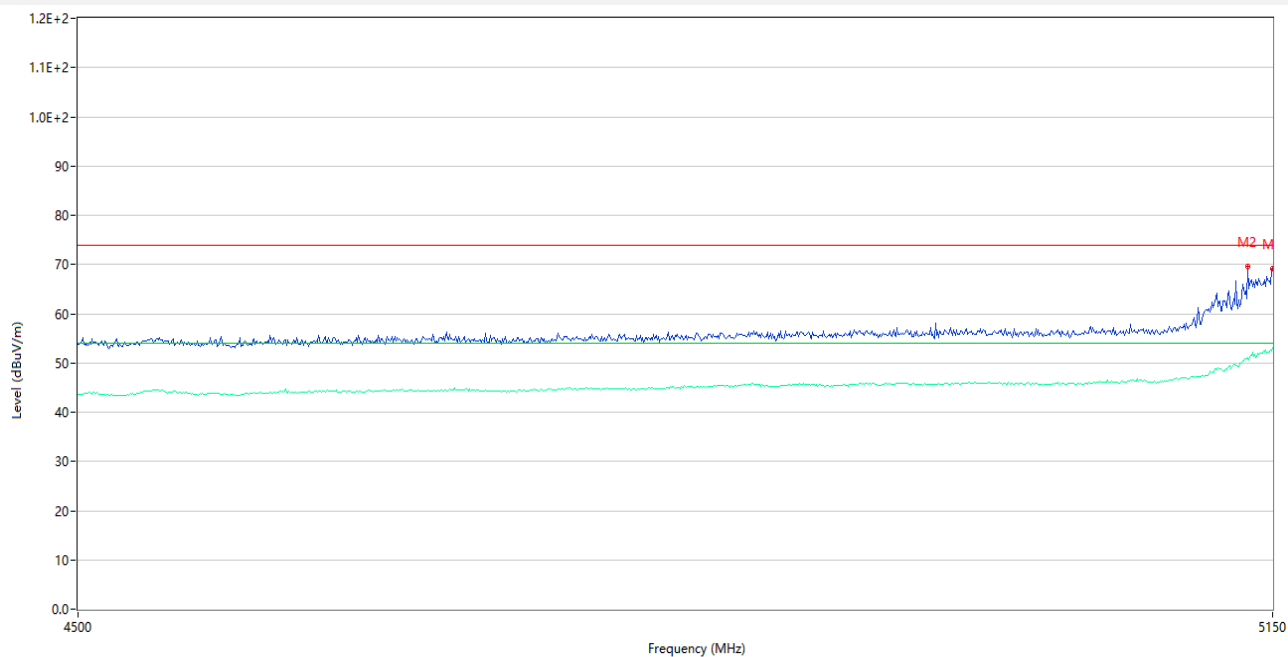
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.52	5.40	74.0	17.48	Peak	127.00	150	Horizontal	Pass
1**	5350.000	46.40	5.40	54.0	7.60	AV	127.00	150	Horizontal	Pass
2	5374.420	59.07	5.47	74.0	14.93	Peak	179.00	150	Horizontal	Pass
2**	5374.420	46.24	5.47	54.0	7.76	AV	179.00	150	Horizontal	Pass

U-NII-1 11ac80 Middle Channel ANT V



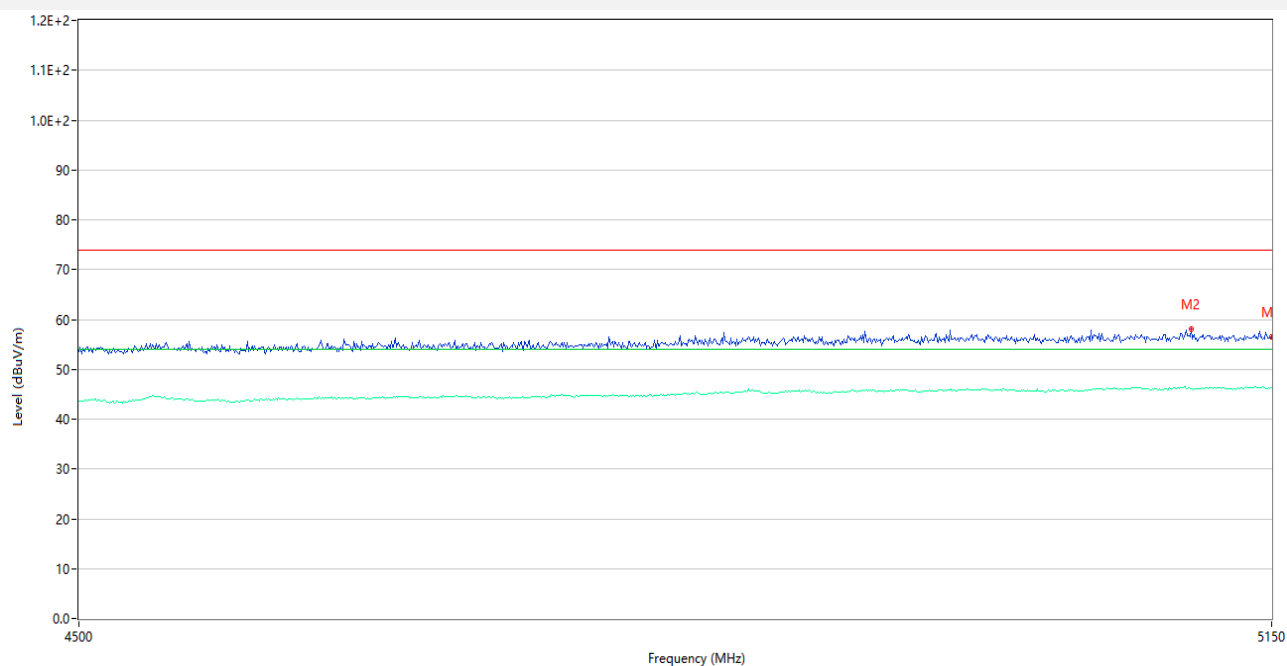
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	59.31	5.21	74.0	14.69	Peak	170.00	150	Vertical	Pass
1**	5150.000	47.81	5.21	54.0	6.19	AV	170.00	150	Vertical	Pass
2	5142.200	61.21	5.51	74.0	12.79	Peak	303.00	150	Vertical	Pass
2**	5142.200	47.09	5.51	54.0	6.91	AV	303.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel ANT H



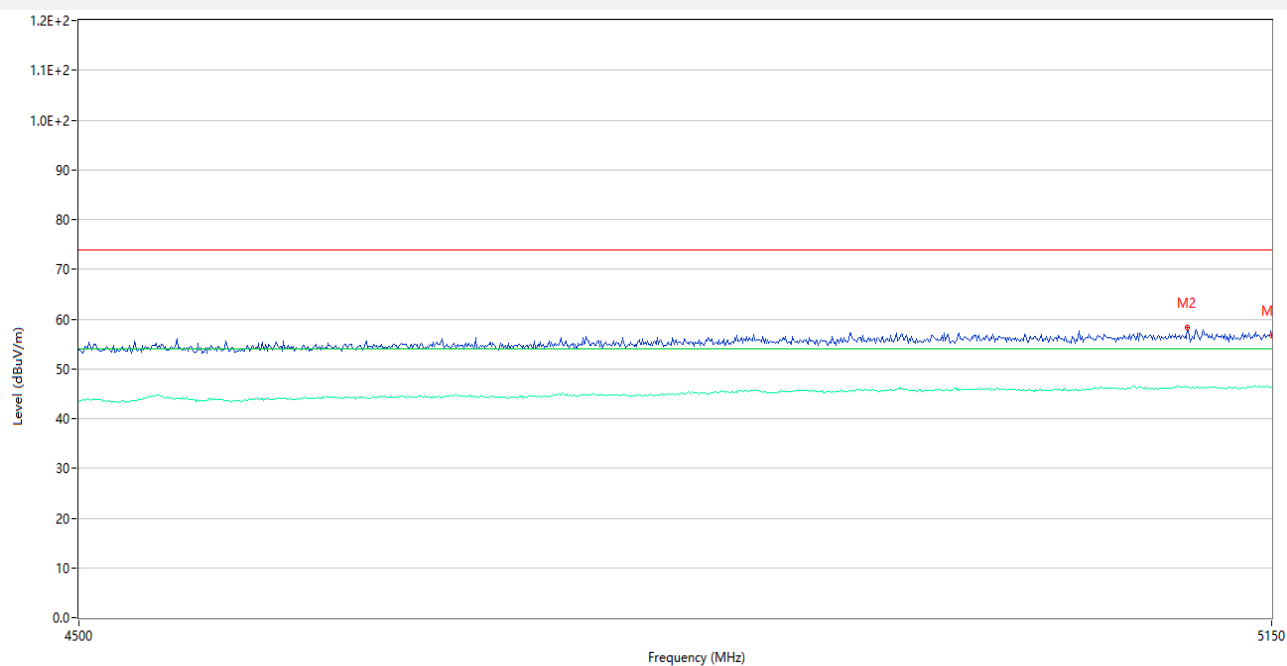
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	69.22	5.21	74.0	4.78	Peak	185.00	150	Horizontal	Pass
1**	5150.000	53.20	5.21	54.0	0.80	AV	185.00	150	Horizontal	Pass
2	5135.700	69.53	5.49	74.0	4.47	Peak	178.00	150	Horizontal	Pass
2**	5135.700	51.18	5.49	54.0	2.82	AV	178.00	150	Horizontal	Pass

U-NII-2A 11a Low Channel ANT V



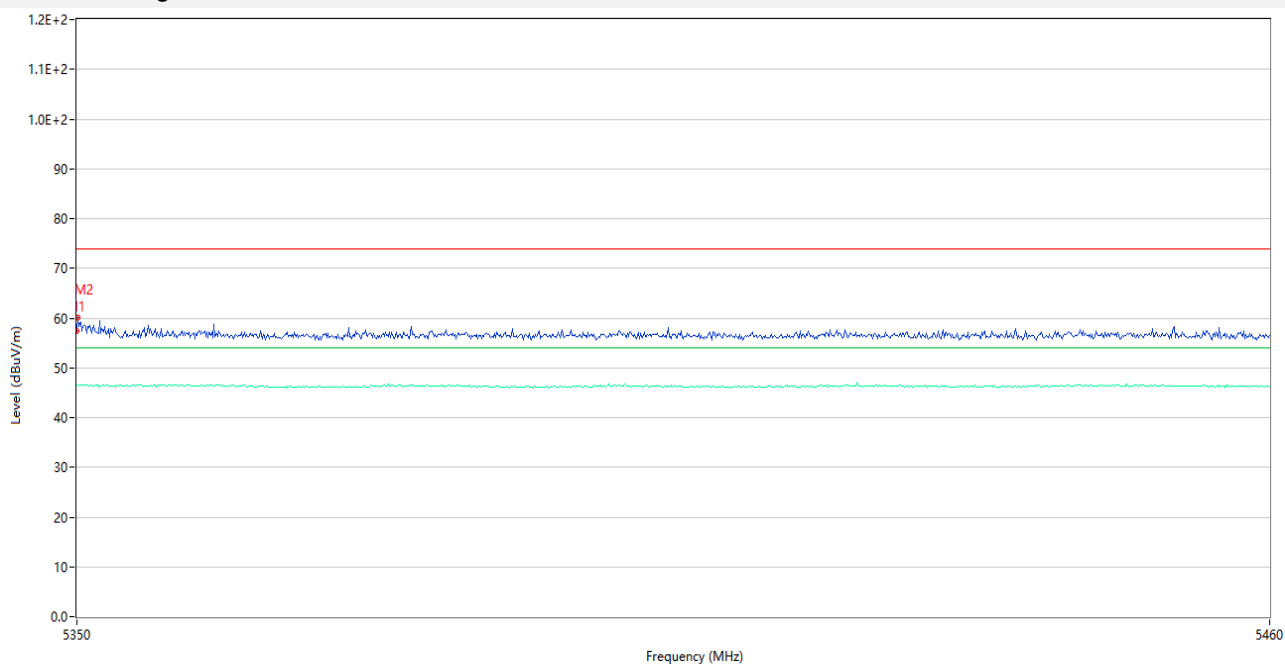
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.53	5.21	74.0	17.47	Peak	343.99	150	Vertical	Pass
1**	5150.000	46.35	5.21	54.0	7.65	AV	343.99	150	Vertical	Pass
2	5103.200	58.15	5.22	74.0	15.85	Peak	2.00	150	Vertical	Pass
2**	5103.200	46.12	5.22	54.0	7.88	AV	2.00	150	Vertical	Pass

U-NII-2A 11a Low Channel ANT H



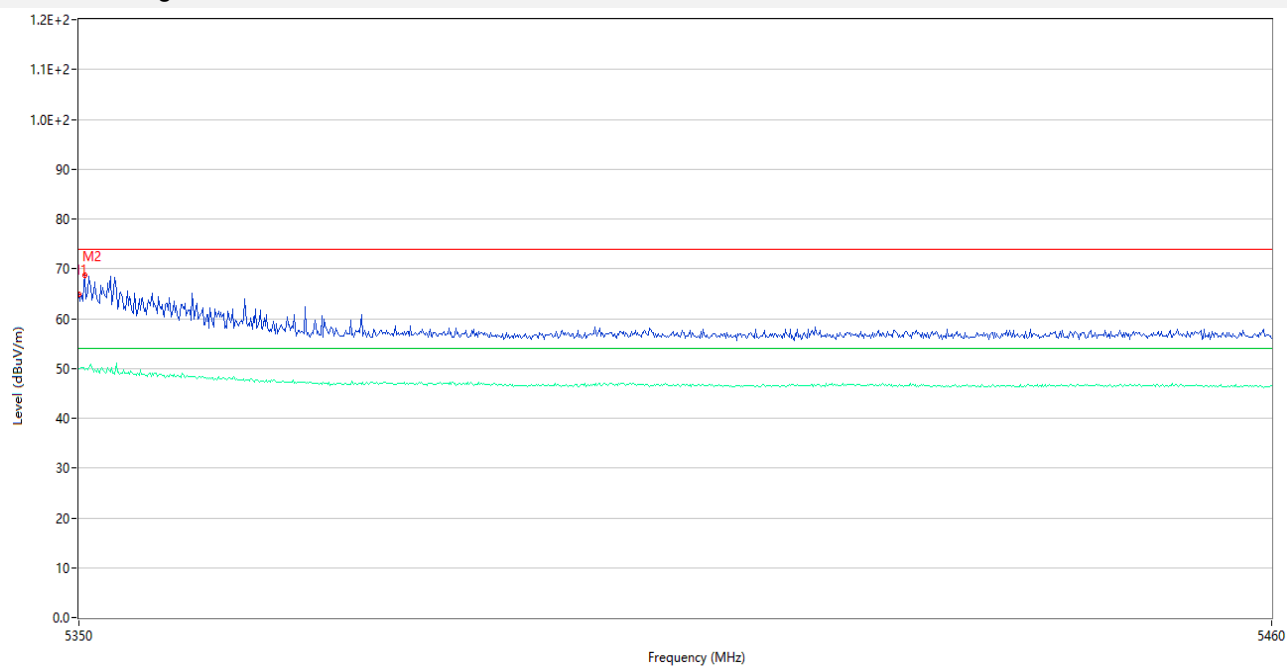
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.72	5.21	74.0	17.28	Peak	248.01	150	Horizontal	Pass
1**	5150.000	46.32	5.21	54.0	7.68	AV	248.01	150	Horizontal	Pass
2	5101.250	58.31	5.30	74.0	15.69	Peak	56.00	150	Horizontal	Pass
2**	5101.250	46.25	5.30	54.0	7.75	AV	56.00	150	Horizontal	Pass

U-NII-2A 11a High Channel ANT V



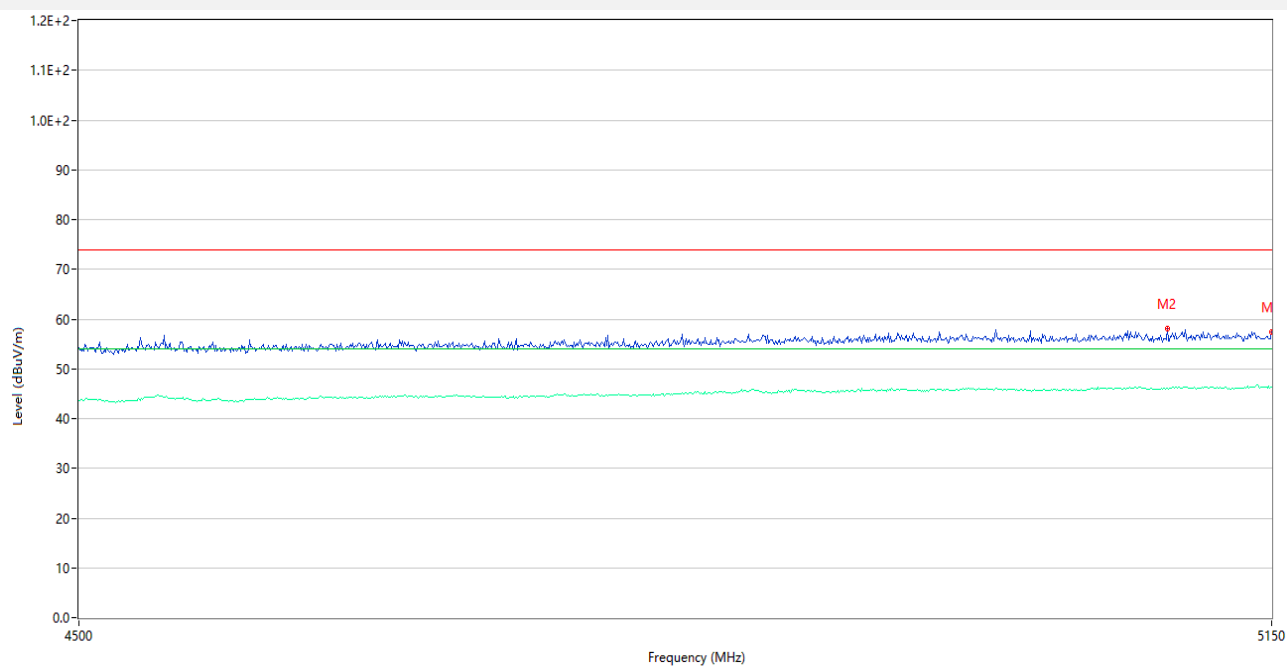
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.40	5.40	74.0	16.60	Peak	360.00	150	Vertical	Pass
1**	5350.000	46.46	5.40	54.0	7.54	AV	360.00	150	Vertical	Pass
2	5350.110	60.04	5.40	74.0	13.96	Peak	176.00	150	Vertical	Pass
2**	5350.110	46.43	5.40	54.0	7.57	AV	176.00	150	Vertical	Pass

U-NII-2A 11a High Channel ANT H



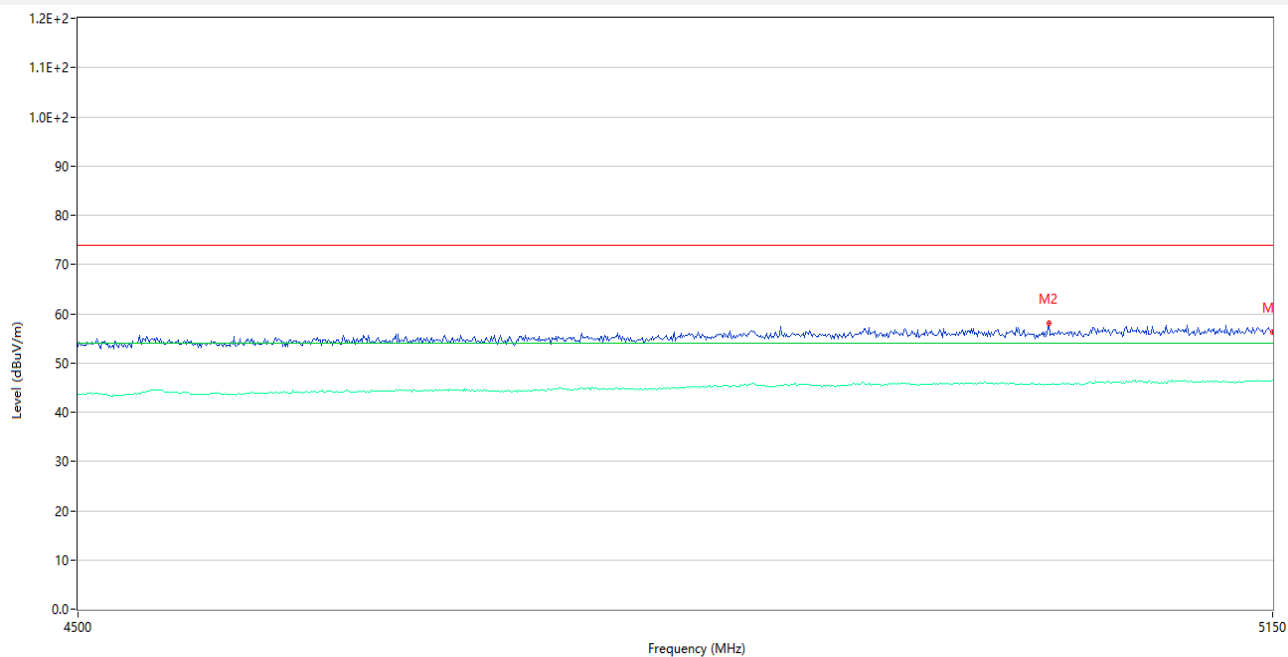
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	64.92	5.40	74.0	9.08	Peak	11.00	150	Horizontal	Pass
1**	5350.000	50.04	5.40	54.0	3.96	AV	11.00	150	Horizontal	Pass
2	5350.550	68.70	5.42	74.0	5.30	Peak	206.00	150	Horizontal	Pass
2**	5350.550	49.73	5.42	54.0	4.27	AV	206.00	150	Horizontal	Pass

U-NII-2A 11ac20 Low Channel ANT V



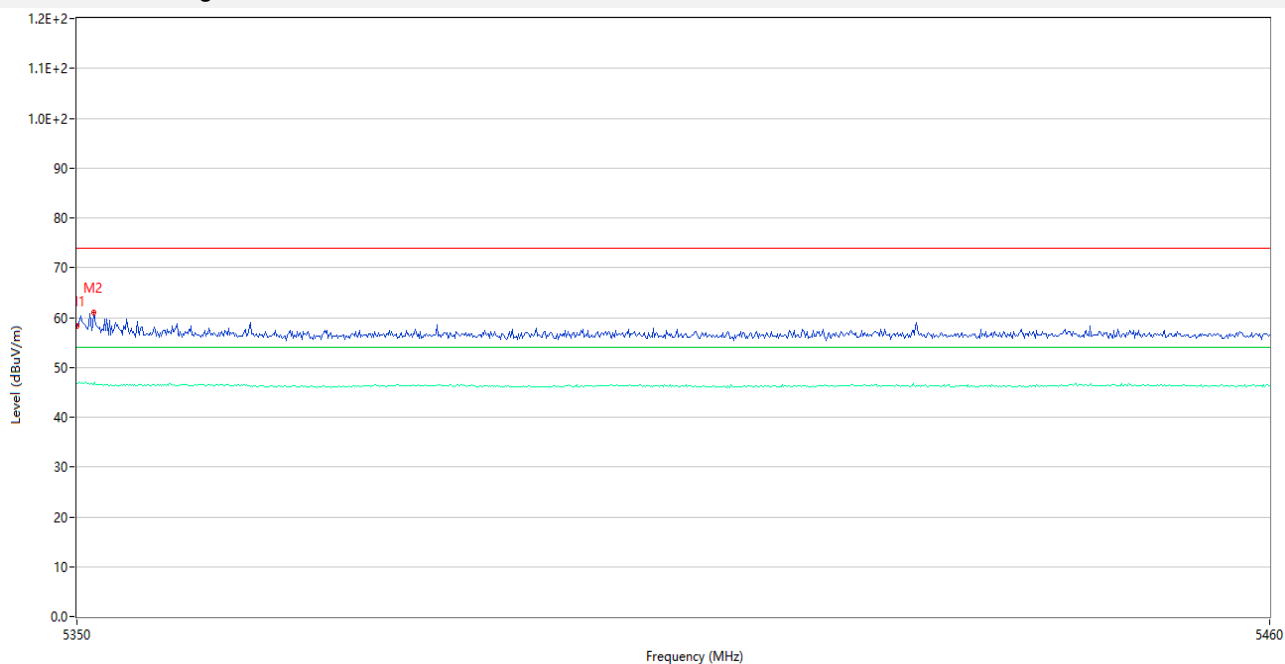
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	57.32	5.21	74.0	16.68	Peak	0.03	150	Vertical	Pass
1**	5150.000	46.29	5.21	54.0	7.71	AV	0.03	150	Vertical	Pass
2	5089.550	57.99	4.94	74.0	16.01	Peak	356.00	150	Vertical	Pass
2**	5089.550	46.10	4.94	54.0	7.90	AV	356.00	150	Vertical	Pass

U-NII-2A 11ac20 Low Channel ANT H



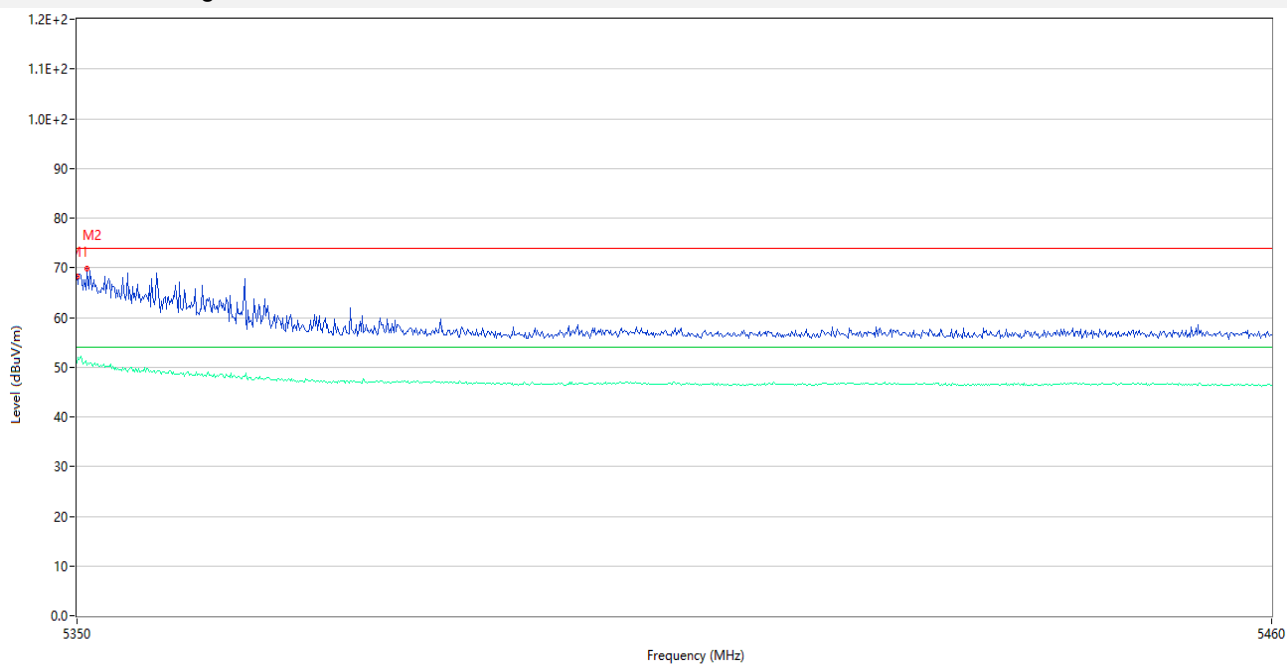
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.23	5.21	74.0	17.77	Peak	291.98	150	Horizontal	Pass
1**	5150.000	46.46	5.21	54.0	7.54	AV	291.98	150	Horizontal	Pass
2	5021.300	58.10	4.85	74.0	15.90	Peak	236.00	150	Horizontal	Pass
2**	5021.300	45.65	4.85	54.0	8.35	AV	236.00	150	Horizontal	Pass

U-NII-2A 11ac20 High Channel ANT V



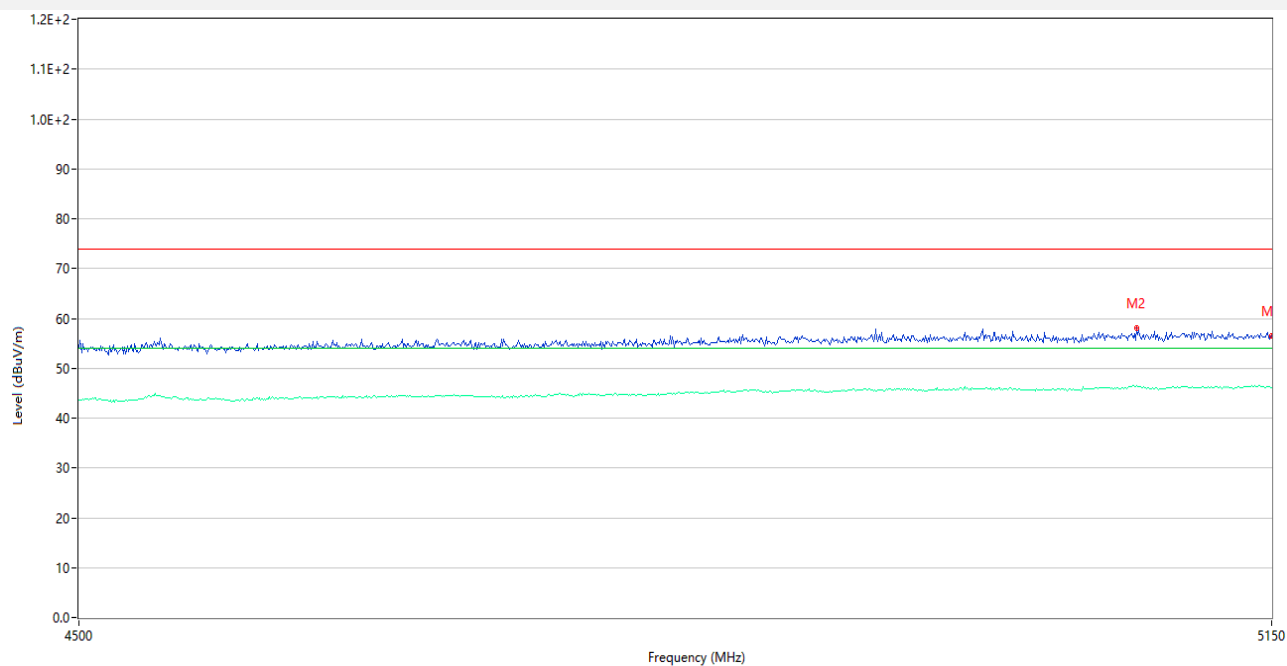
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	58.29	5.40	74.0	15.71	Peak	311.00	150	Vertical	Pass
1**	5350.000	46.74	5.40	54.0	7.26	AV	311.00	150	Vertical	Pass
2	5351.540	60.91	5.44	74.0	13.09	Peak	148.00	150	Vertical	Pass
2**	5351.540	46.65	5.44	54.0	7.35	AV	148.00	150	Vertical	Pass

U-NII-2A 11ac20 High Channel ANT H



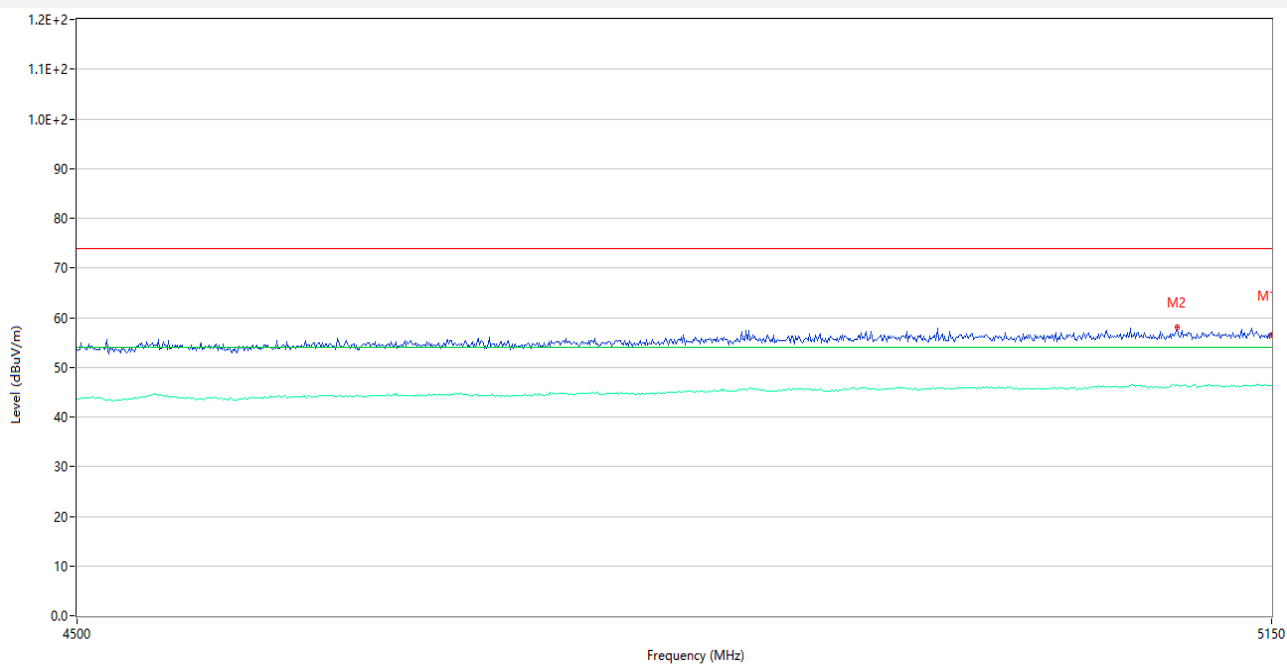
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	68.19	5.40	74.0	5.81	Peak	48.00	150	Horizontal	Pass
1**	5350.000	50.83	5.40	54.0	3.17	AV	48.00	150	Horizontal	Pass
2	5350.880	69.83	5.42	74.0	4.17	Peak	197.00	150	Horizontal	Pass
2**	5350.880	50.36	5.42	54.0	3.64	AV	197.00	150	Horizontal	Pass

U-NII-2A 11ac40 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	5150.000	56.51	5.21	74.0	17.49	Peak	333.95	150	Vertical	Pass
1**	5150.000	46.16	5.21	54.0	7.84	AV	333.95	150	Vertical	Pass
2	5072.000	58.02	5.17	74.0	15.98	Peak	0.00	150	Vertical	Pass
2**	5072.000	46.47	5.17	54.0	7.53	AV	0.00	150	Vertical	Pass

U-NII-2A 11ac40 Low Channel ANT H



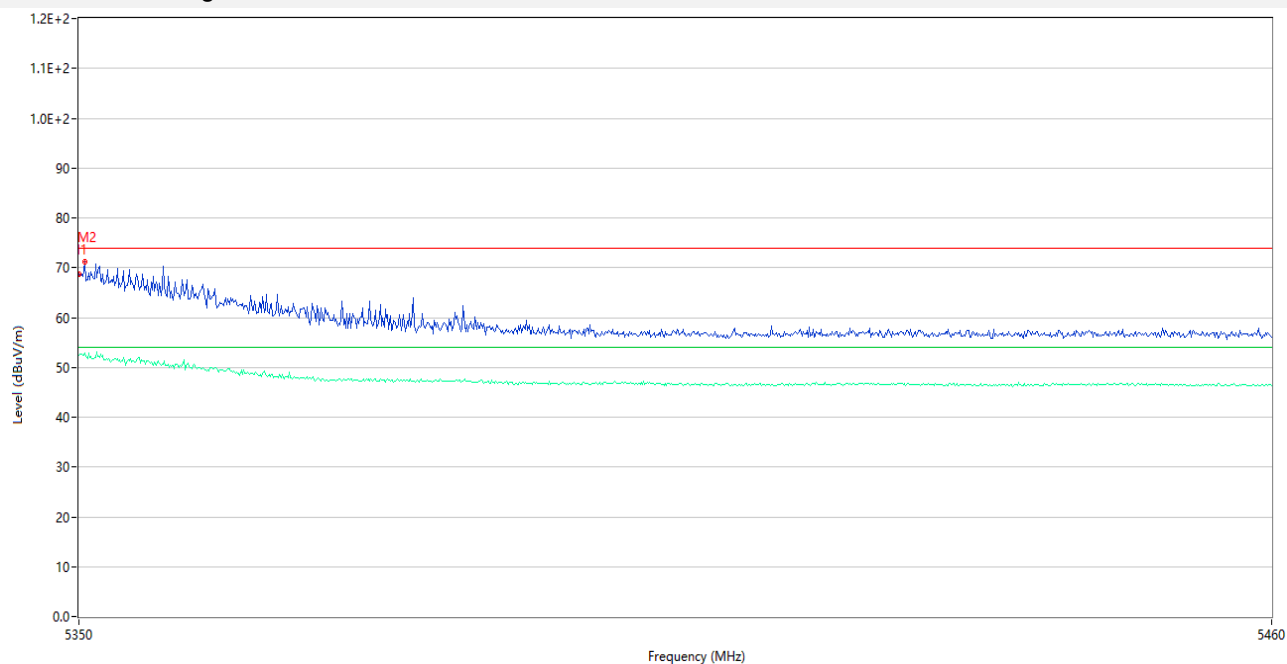
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5150.000	56.56	5.21	74.0	17.44	Peak	7.01	150	Horizontal	Pass
1**	5150.000	46.32	5.21	54.0	7.68	AV	7.01	150	Horizontal	Pass
2	5095.400	57.97	5.26	74.0	16.03	Peak	11.00	150	Horizontal	Pass
2**	5095.400	46.28	5.26	54.0	7.72	AV	11.00	150	Horizontal	Pass

U-NII-2A 11ac40 High Channel ANT V



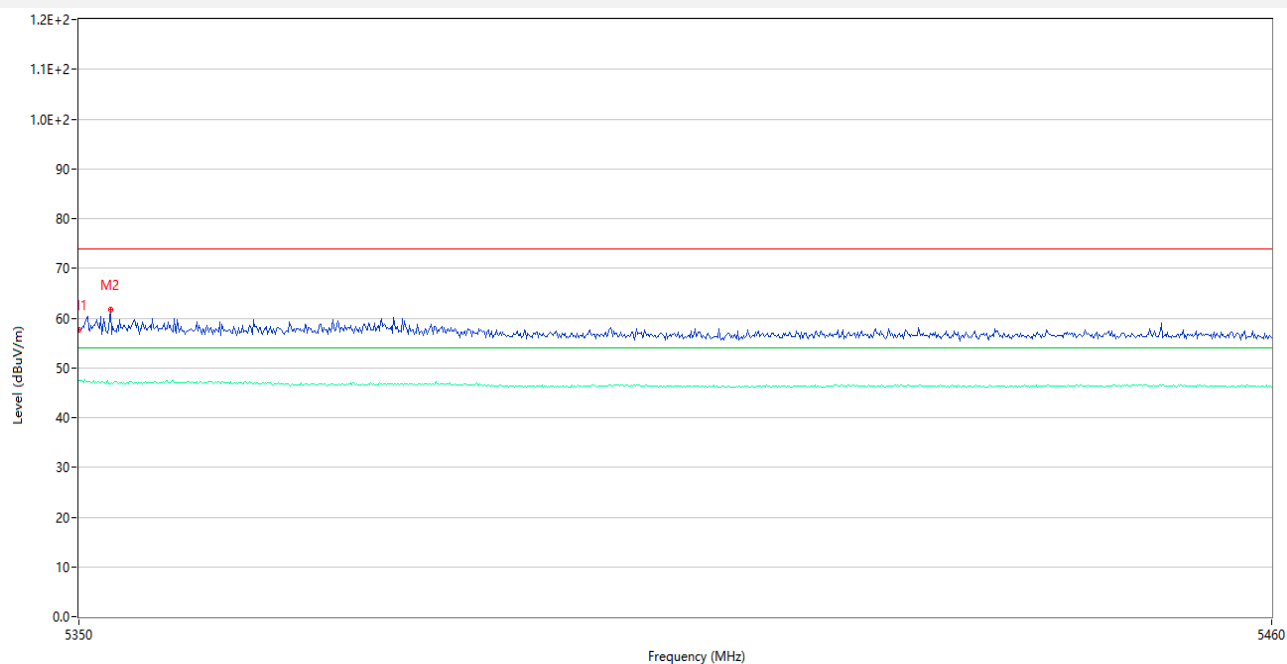
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.67	5.40	74.0	14.33	Peak	161.00	150	Vertical	Pass
1**	5350.000	47.38	5.40	54.0	6.62	AV	161.00	150	Vertical	Pass
2	5350.440	65.45	5.41	74.0	8.55	Peak	0.00	150	Vertical	Pass
2**	5350.440	47.10	5.41	54.0	6.90	AV	0.00	150	Vertical	Pass

U-NII-2A 11ac40 High Channel ANT H



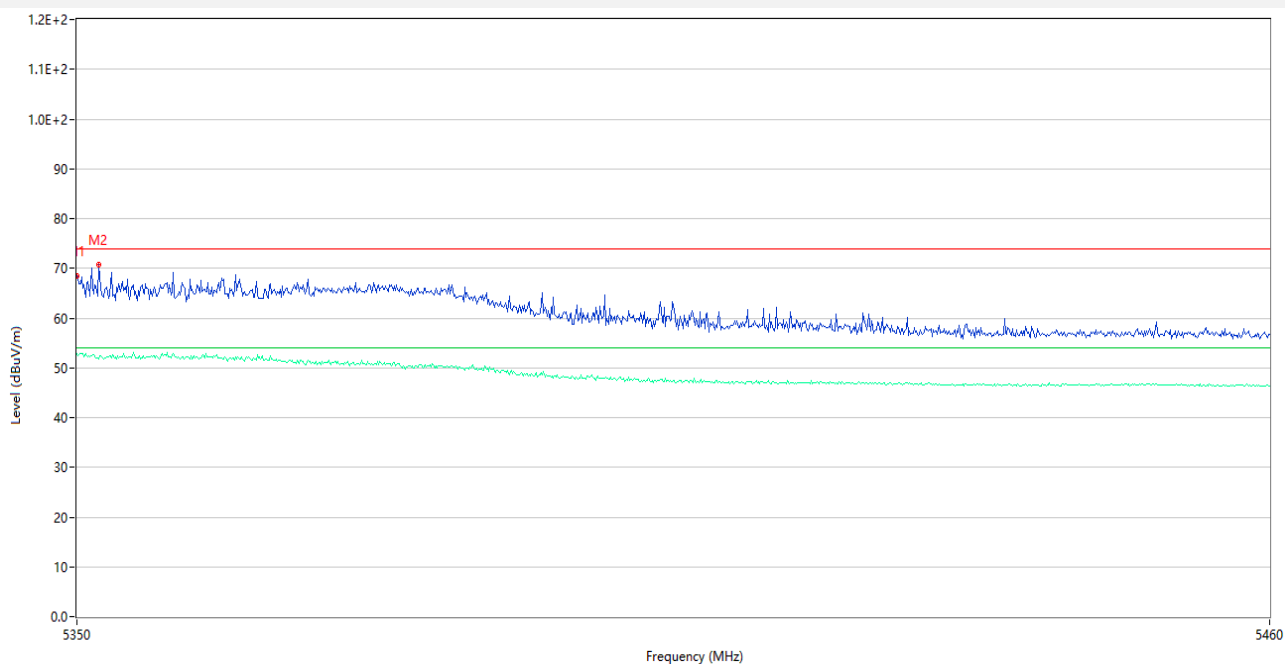
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	68.63	5.40	74.0	5.37	Peak	195.00	150	Horizontal	Pass
1**	5350.000	52.47	5.40	54.0	1.53	AV	195.00	150	Horizontal	Pass
2	5350.550	71.16	5.42	74.0	2.84	Peak	160.00	150	Horizontal	Pass
2**	5350.550	52.80	5.42	54.0	1.20	AV	160.00	150	Horizontal	Pass

U-NII-2A 11ac80 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	5350.000	57.66	5.40	74.0	16.34	Peak	88.00	150	Vertical	Pass
1**	5350.000	47.46	5.40	54.0	6.54	AV	88.00	150	Vertical	Pass
2	5352.860	61.67	5.47	74.0	12.33	Peak	314.00	150	Vertical	Pass
2**	5352.860	46.76	5.47	54.0	7.24	AV	314.00	150	Vertical	Pass

U-NII-2A 11ac80 Middle Channel ANT H



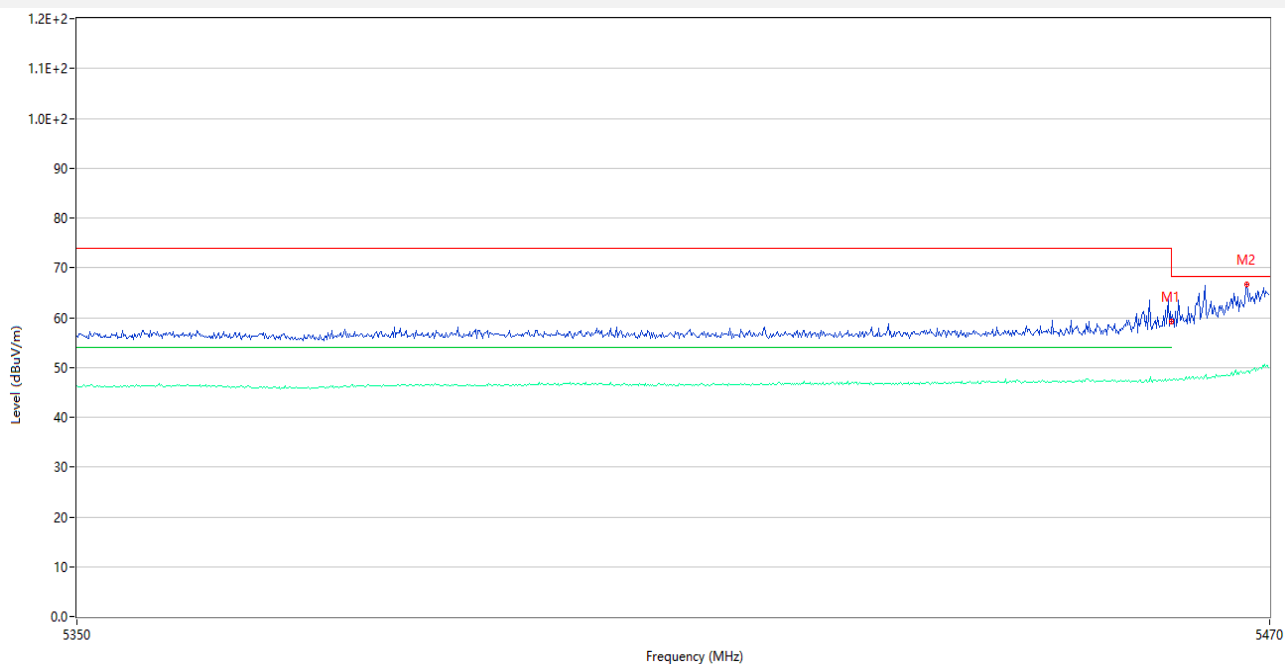
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	68.51	5.40	74.0	5.49	Peak	192.00	150	Horizontal	Pass
1**	5350.000	52.96	5.40	54.0	1.04	AV	192.00	150	Horizontal	Pass
2	5351.980	70.80	5.45	74.0	3.20	Peak	51.00	150	Horizontal	Pass
2**	5351.980	51.79	5.45	54.0	2.21	AV	51.00	150	Horizontal	Pass

U-NII-2C 11a Low Channel ANT V



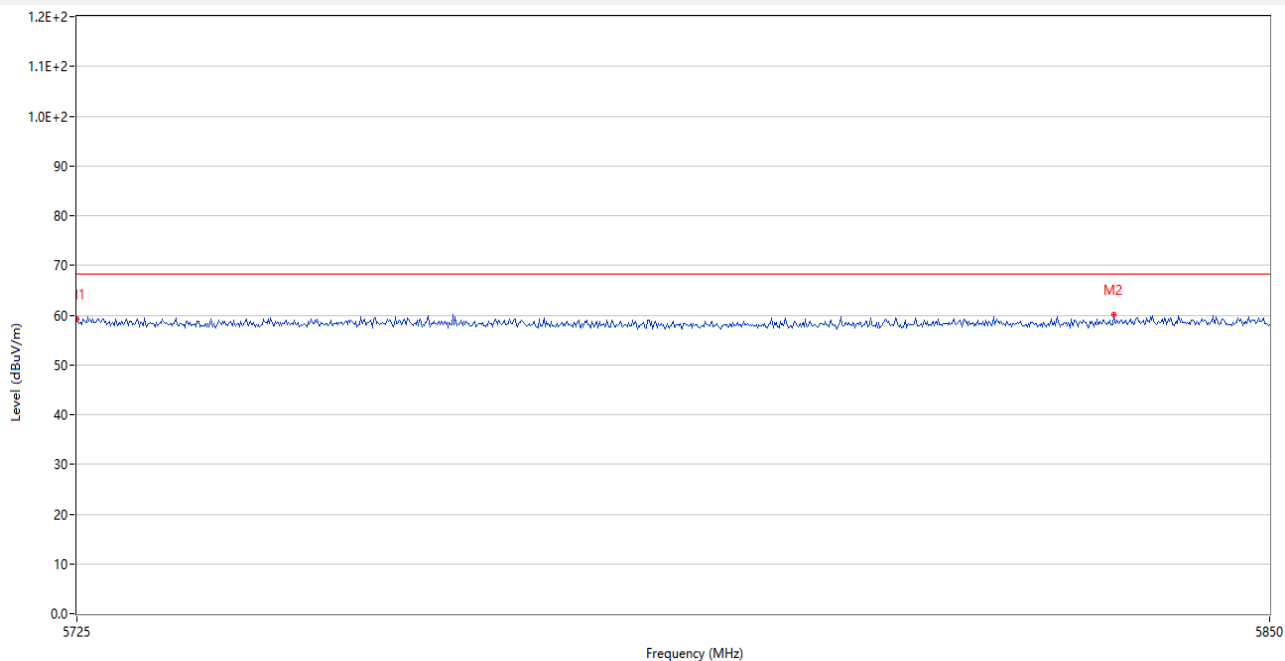
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.23	5.38	68.2	10.97	Peak	204.37	150	Vertical	Pass
1**	5460.000	46.26	5.38	54.0	7.74	AV	204.37	150	Vertical	Pass
2	5352.880	58.35	5.47	74.0	15.65	Peak	0.00	150	Vertical	Pass
2**	5352.880	46.21	5.47	54.0	7.79	AV	0.00	150	Vertical	Pass

U-NII-2C 11a Low Channel ANT H



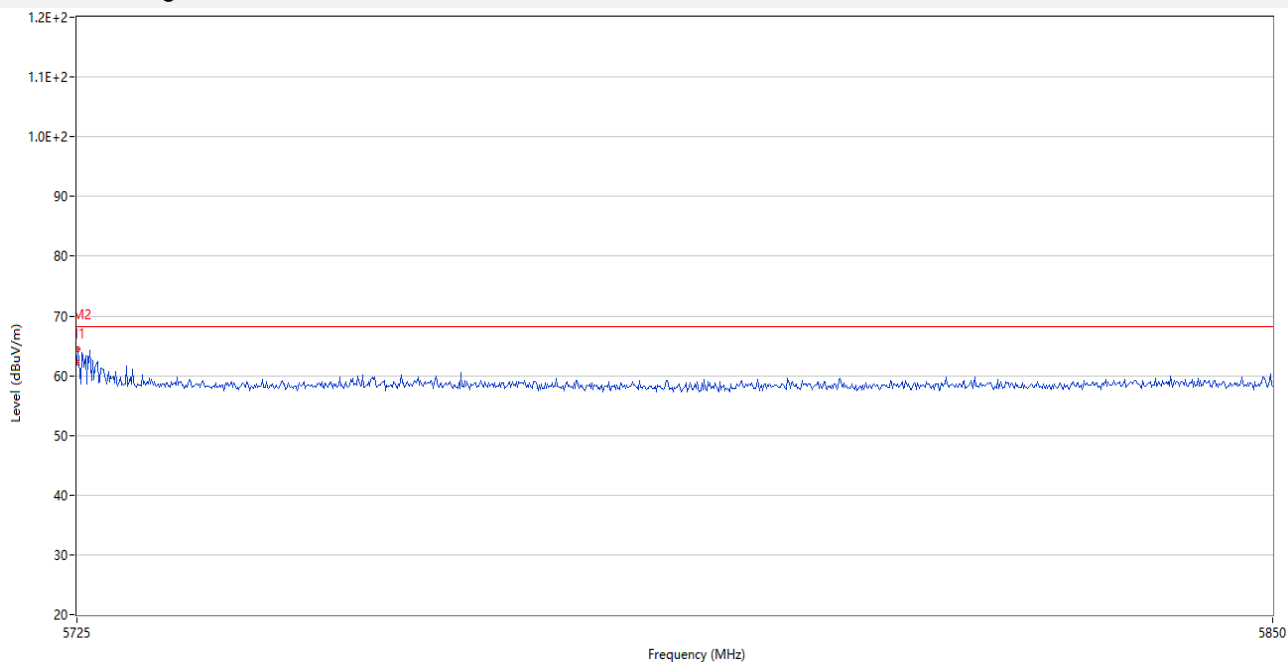
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	59.90	5.38	68.2	8.30	Peak	181.31	150	Horizontal	Pass
1**	5460.000	47.42	5.38	54.0	6.58	AV	181.31	150	Horizontal	Pass
2	5467.720	66.59	5.70	68.2	1.61	Peak	46.00	150	Horizontal	Pass
2**	5467.720	49.23	5.70	--	-49.23	AV	46.00	150	Horizontal	N/A

U-NII-2C 11a High Channel ANT V



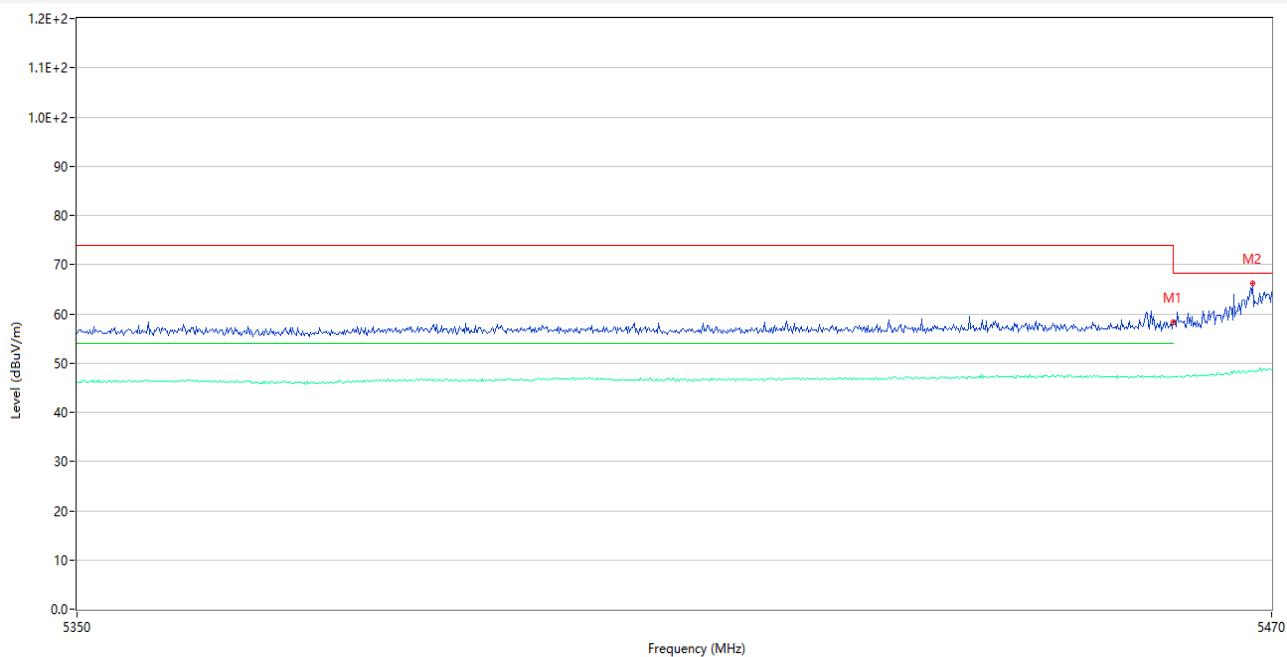
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.23	6.57	68.2	8.97	Peak	96.00	150	Vertical	Pass
2	5833.500	60.08	7.17	68.2	8.12	Peak	78.00	150	Vertical	Pass

U-NII-2C 11a 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	5725.000	62.26	6.57	68.2	5.94	Peak	167.00	150	Horizontal	Pass
2	5725.125	64.42	6.57	68.2	3.78	Peak	54.00	150	Horizontal	Pass

U-NII-2C 11ac20 Low Channel ANT V



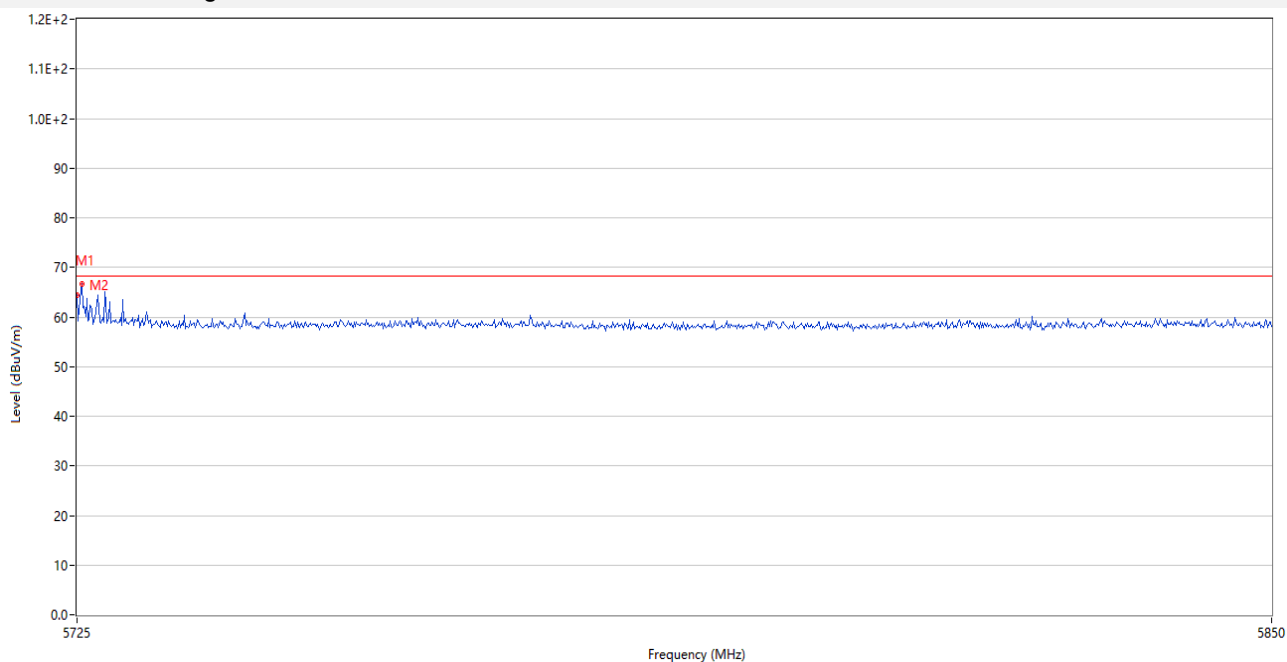
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.90	5.38	68.2	10.30	Peak	300.73	150	Vertical	Pass
1**	5460.000	47.19	5.38	54.0	6.81	AV	300.73	150	Vertical	Pass
2	5468.080	66.15	5.73	68.2	2.05	Peak	280.00	150	Vertical	Pass
2**	5468.080	48.54	5.73	--	-48.54	AV	280.00	150	Vertical	N/A

U-NII-2C 11ac20 Low Channel ANT H



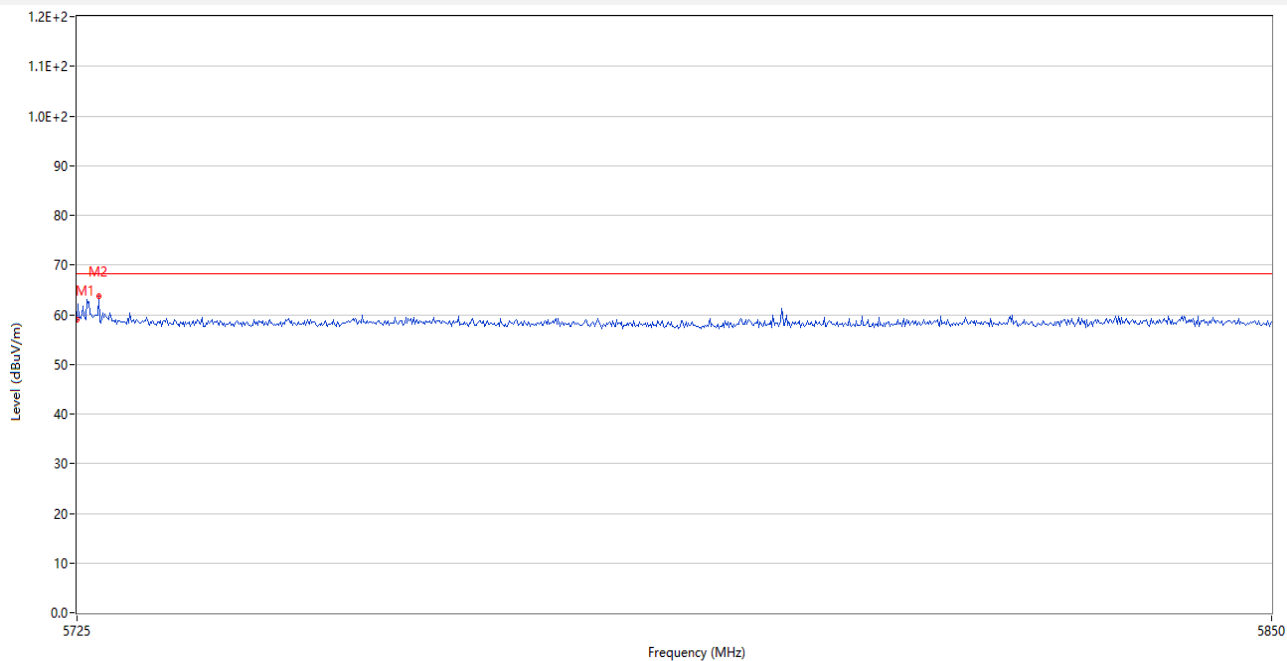
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	57.92	5.38	68.2	10.28	Peak	114.58	150	Horizontal	Pass
1**	5460.000	46.67	5.38	54.0	7.33	AV	114.58	150	Horizontal	Pass
2	5469.280	64.61	5.80	68.2	3.59	Peak	0.00	150	Horizontal	Pass
2**	5469.280	47.54	5.80	--	-47.54	AV	0.00	150	Horizontal	N/A

U-NII-2C 11ac20 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	5725.000	64.42	6.57	68.2	3.78	Peak	268.00	150	Vertical	Pass
2	5725.500	66.70	6.56	68.2	1.50	Peak	294.00	150	Vertical	Pass

U-NII-2C 11ac20 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	5725.000	59.03	6.57	68.2	9.17	Peak	26.00	150	Horizontal	Pass
2	5727.250	63.63	6.51	68.2	4.57	Peak	223.00	150	Horizontal	Pass

U-NII-2C 11ac40 Low Channel ANT V



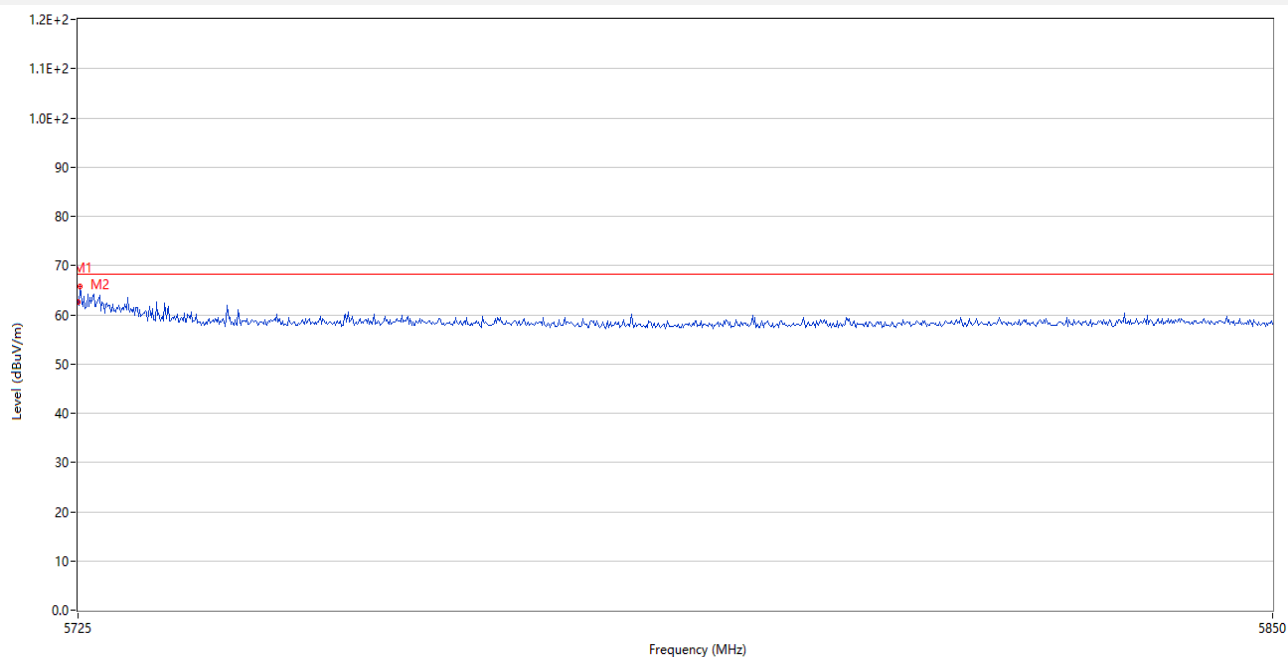
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	60.12	5.38	68.2	8.08	Peak	269.37	150	Vertical	Pass
1**	5460.000	47.21	5.38	54.0	6.79	AV	269.37	150	Vertical	Pass
2	5469.280	67.36	5.80	68.2	0.84	Peak	279.00	150	Vertical	Pass
2**	5469.280	48.72	5.80	--	-48.72	AV	279.00	150	Vertical	N/A

U-NII-2C 11ac40 Low Channel ANT H



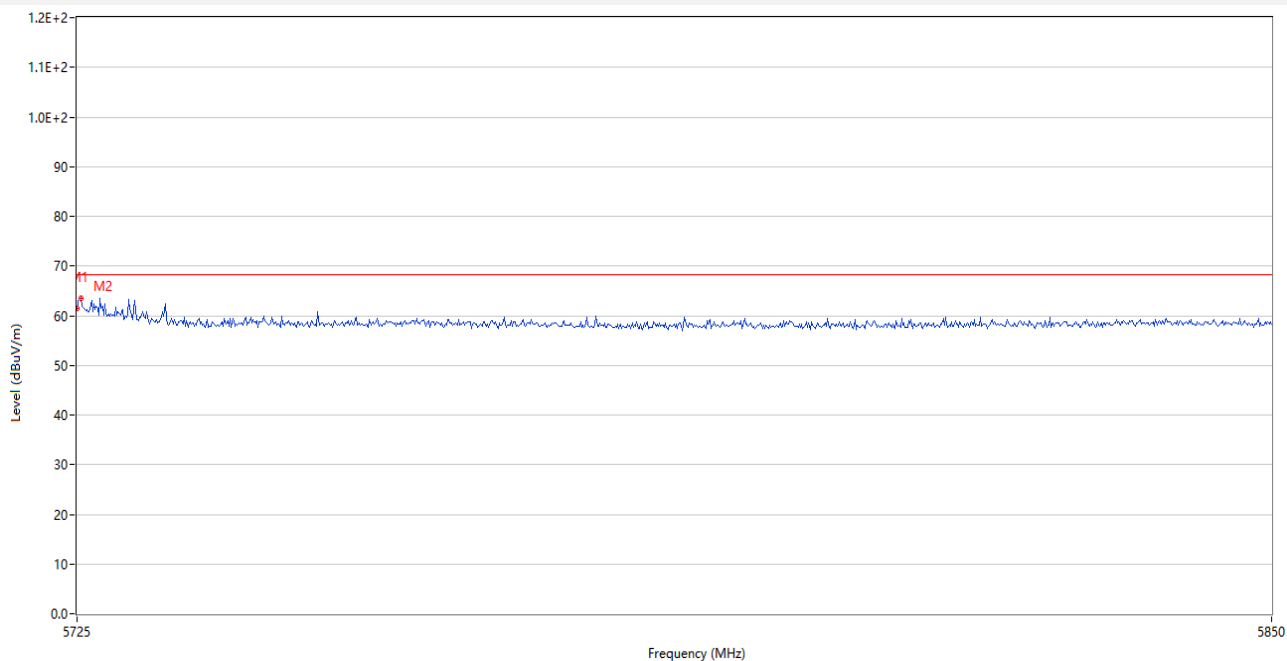
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	58.38	5.38	68.2	9.82	Peak	69.81	150	Horizontal	Pass
1**	5460.000	46.51	5.38	54.0	7.49	AV	69.81	150	Horizontal	Pass
2	5469.040	66.32	5.80	68.2	1.88	Peak	360.00	150	Horizontal	Pass
2**	5469.040	47.38	5.80	--	-47.38	AV	360.00	150	Horizontal	N/A

U-NII-2C 11ac40 High Channel ANT V



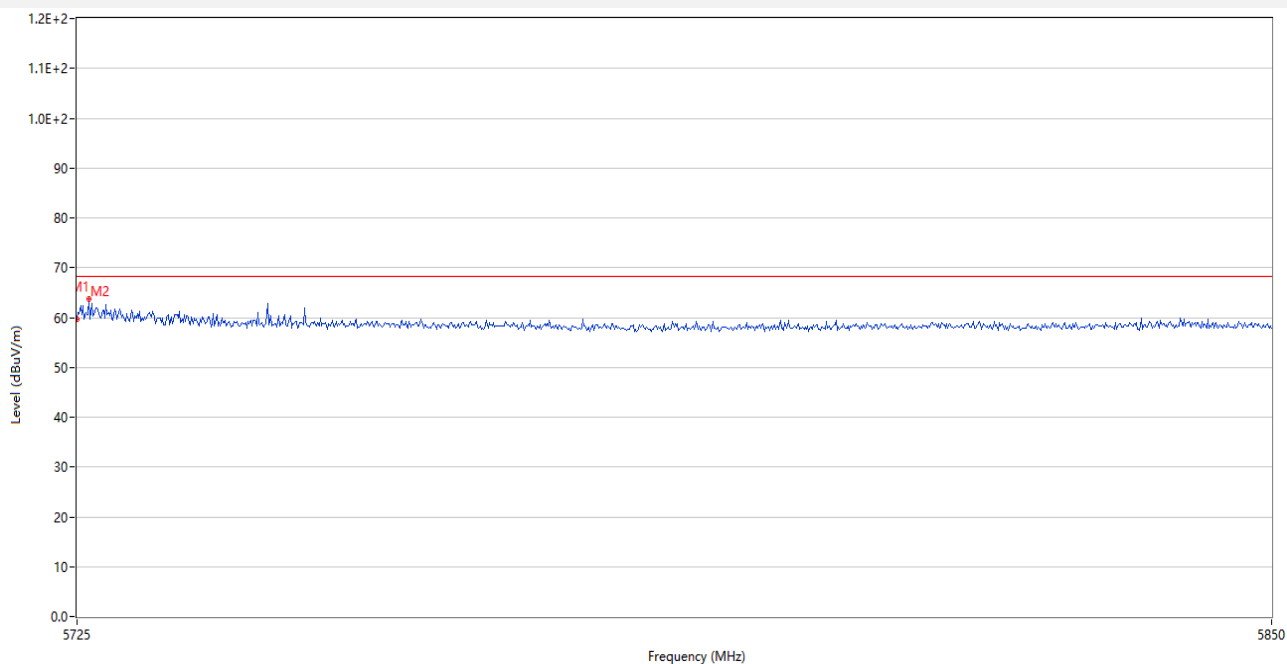
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	62.55	6.57	68.2	5.65	Peak	283.00	150	Vertical	Pass
2	5725.250	65.83	6.56	68.2	2.37	Peak	304.00	150	Vertical	Pass

U-NII-2C 11ac40 High Channel ANT H



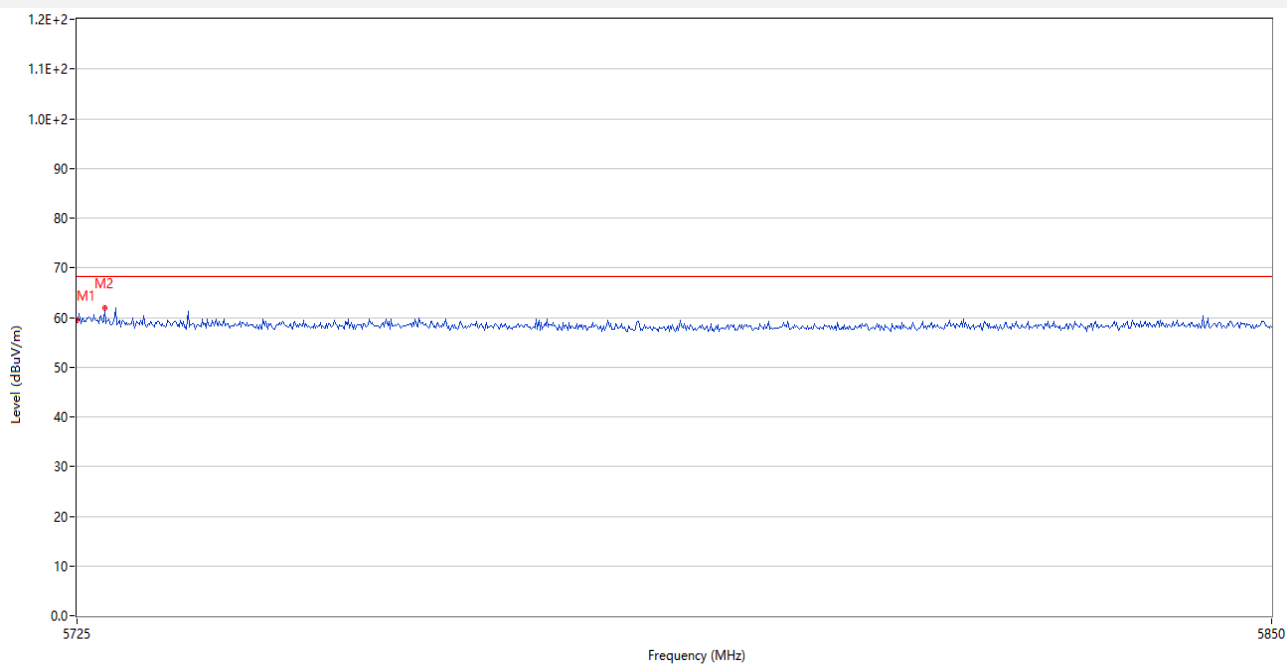
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.50	6.57	68.2	6.70	Peak	25.00	150	Horizontal	Pass
2	5725.375	63.50	6.56	68.2	4.70	Peak	88.00	150	Horizontal	Pass

U-NII-2C 11ac80 Low Channel ANT V



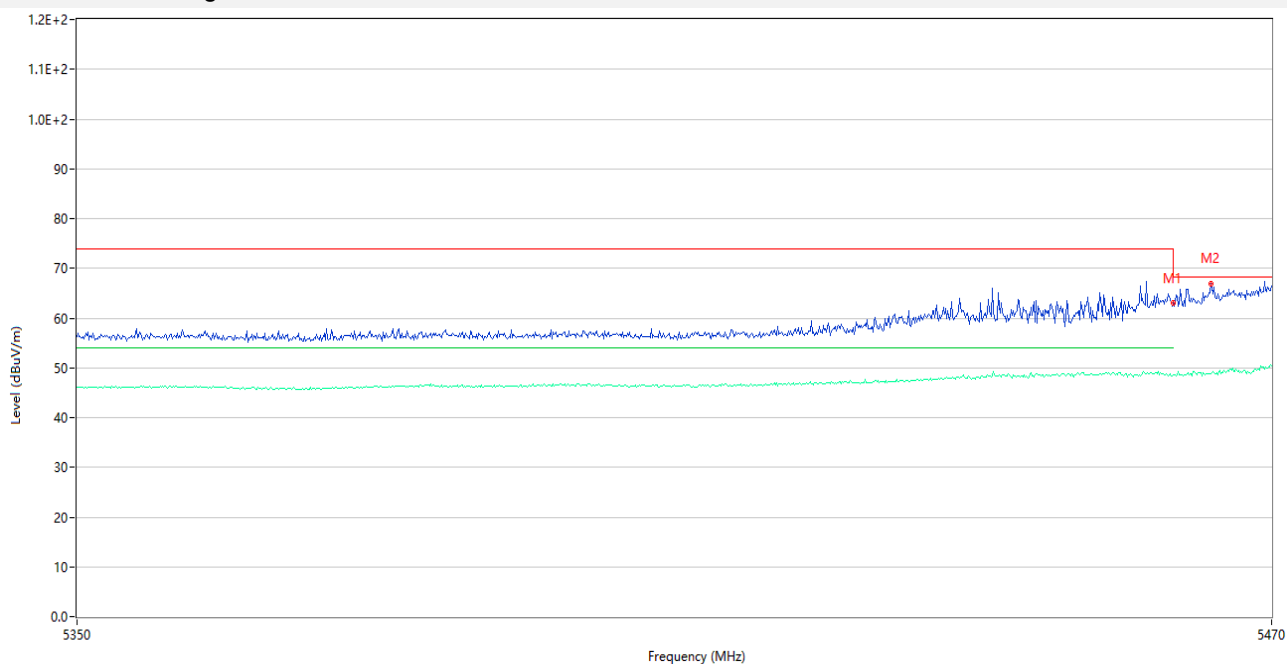
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	59.63	6.57	68.2	8.57	Peak	242.00	150	Vertical	Pass
2	5726.250	63.71	6.54	68.2	4.49	Peak	105.00	150	Vertical	Pass

U-NII-2C 11ac80 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	5725.000	59.45	6.57	68.2	8.75	Peak	227.00	150	Horizontal	Pass
2	5727.875	61.97	6.48	68.2	6.23	Peak	100.00	150	Horizontal	Pass

U-NII-2C 11ac80 High Channel ANT V



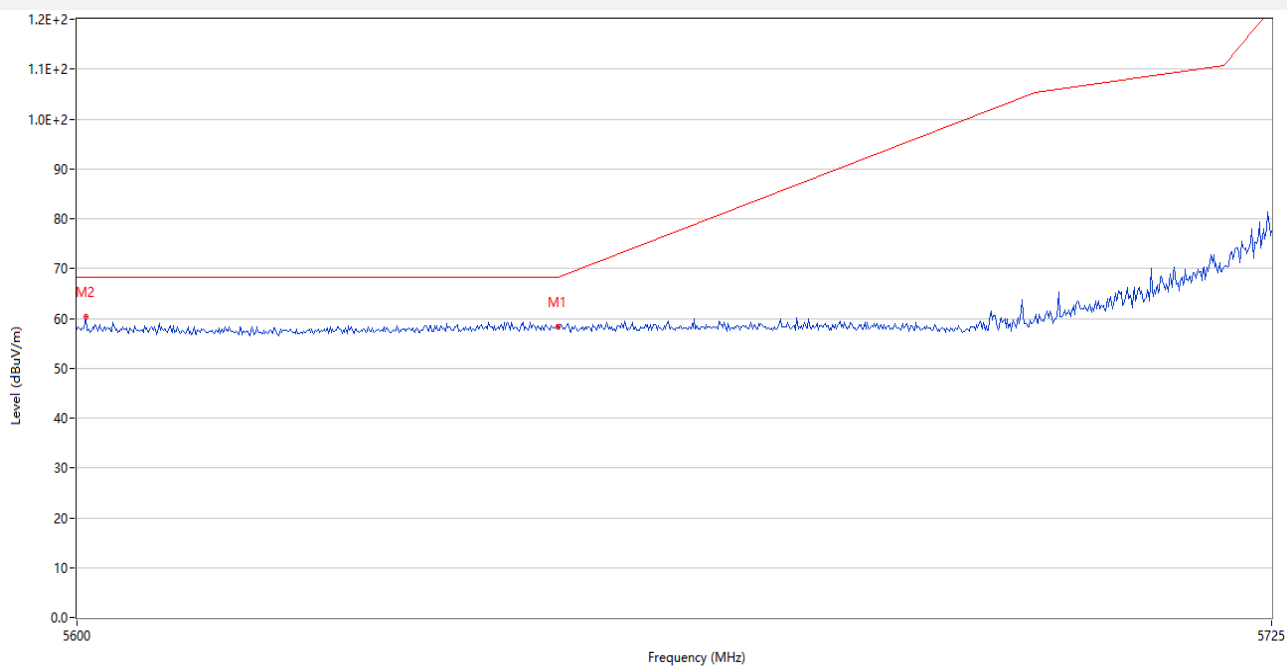
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	62.76	5.38	68.2	5.44	Peak	278.68	150	Vertical	Pass
1**	5460.000	48.49	5.38	54.0	5.51	AV	278.68	150	Vertical	Pass
2	5463.880	66.96	5.55	68.2	1.24	Peak	113.00	150	Vertical	Pass
2**	5463.880	48.92	5.55	--	-48.92	AV	113.00	150	Vertical	N/A

U-NII-2C 11ac80 High Channel ANT H



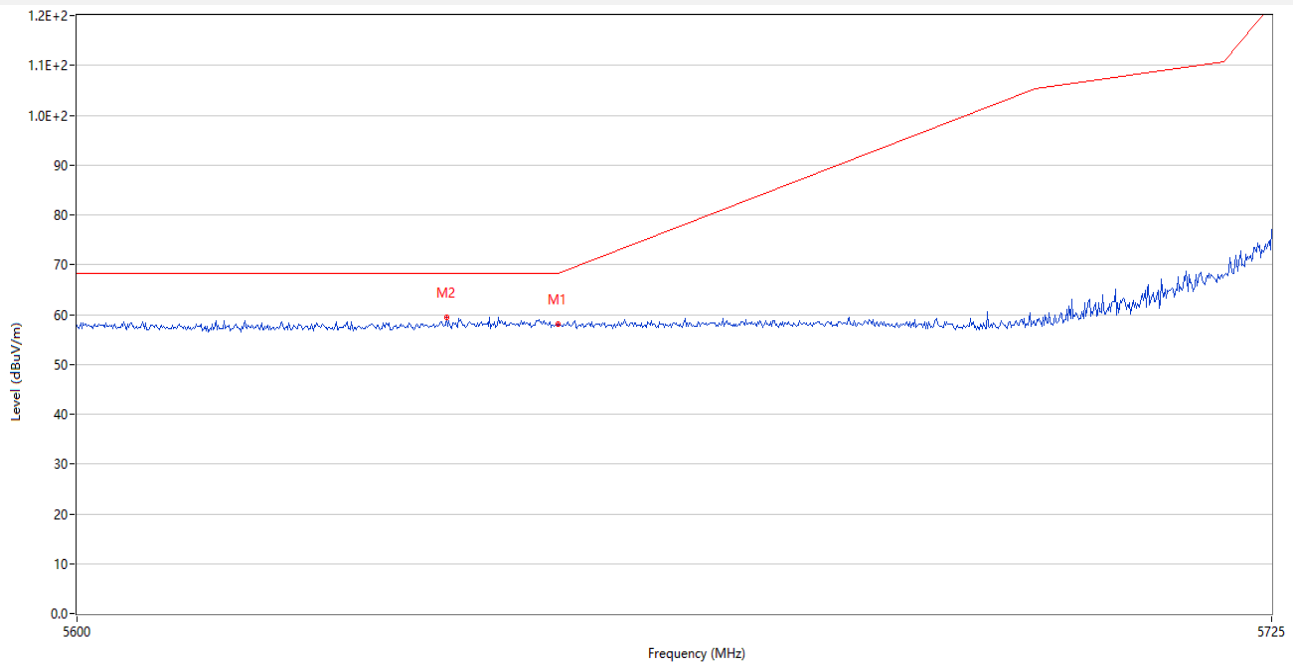
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5460.000	60.67	5.38	68.2	7.53	Peak	304.55	150	Horizontal	Pass
1**	5460.000	47.28	5.38	54.0	6.72	AV	304.55	150	Horizontal	Pass
2	5464.960	66.29	5.59	68.2	1.91	Peak	360.00	150	Horizontal	Pass
2**	5464.960	47.67	5.59	--	-47.67	AV	360.00	150	Horizontal	N/A

U-NII-3 11a Low Channel ANT V



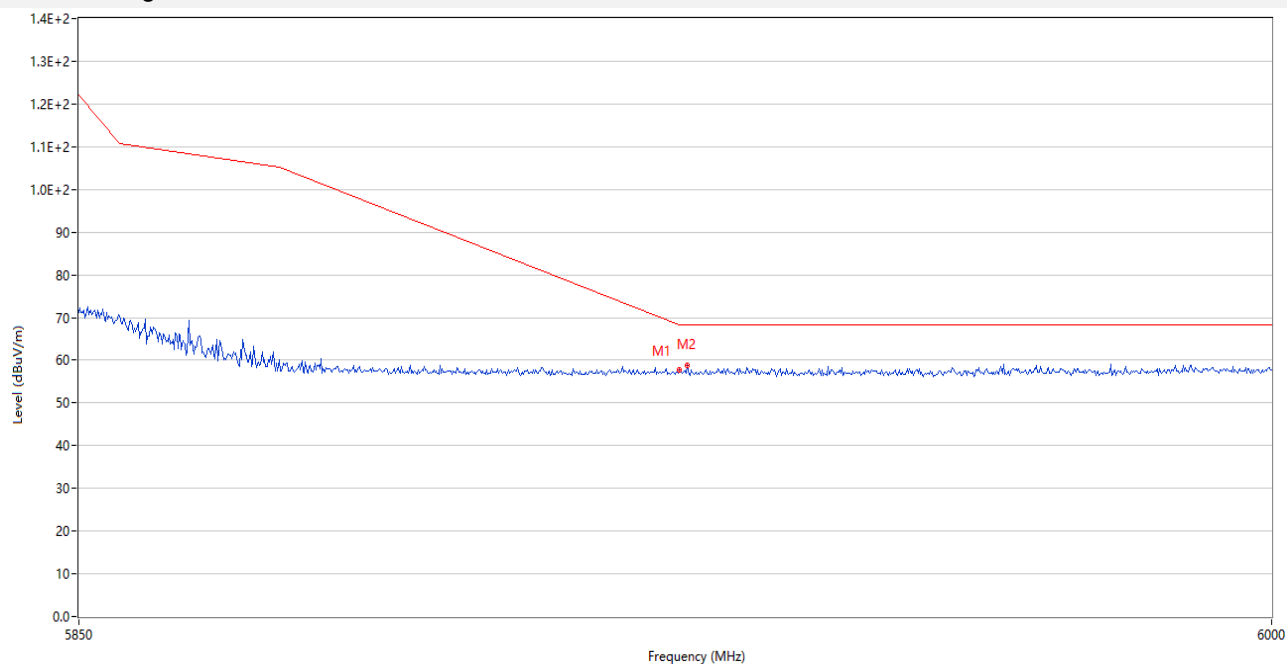
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.20	5.94	68.2	10.00	Peak	285.82	150	Vertical	Pass
2	5600.875	60.24	6.00	68.2	7.96	Peak	262.00	150	Vertical	Pass

U-NII-3 11a Low Channel ANT H



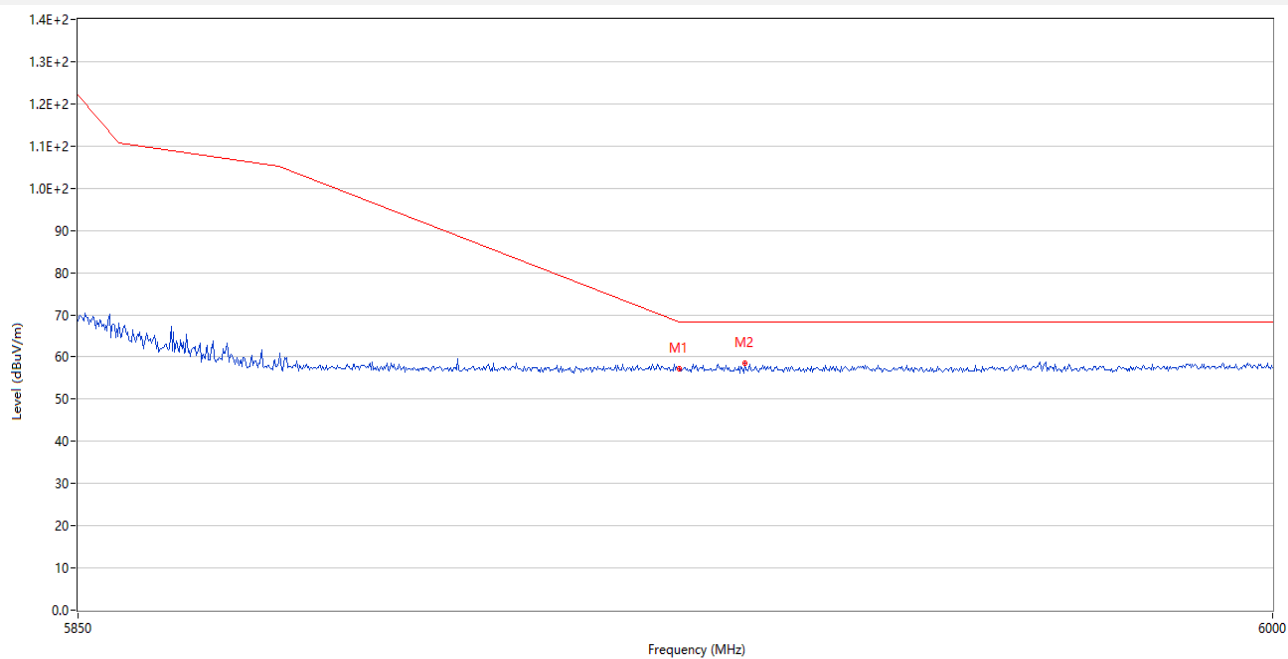
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.13	5.94	68.2	10.07	Peak	285.83	150	Horizontal	Pass
2	5638.375	59.45	5.90	68.2	8.75	Peak	0.00	150	Horizontal	Pass

U-NII-3 11a High Channel ANT V



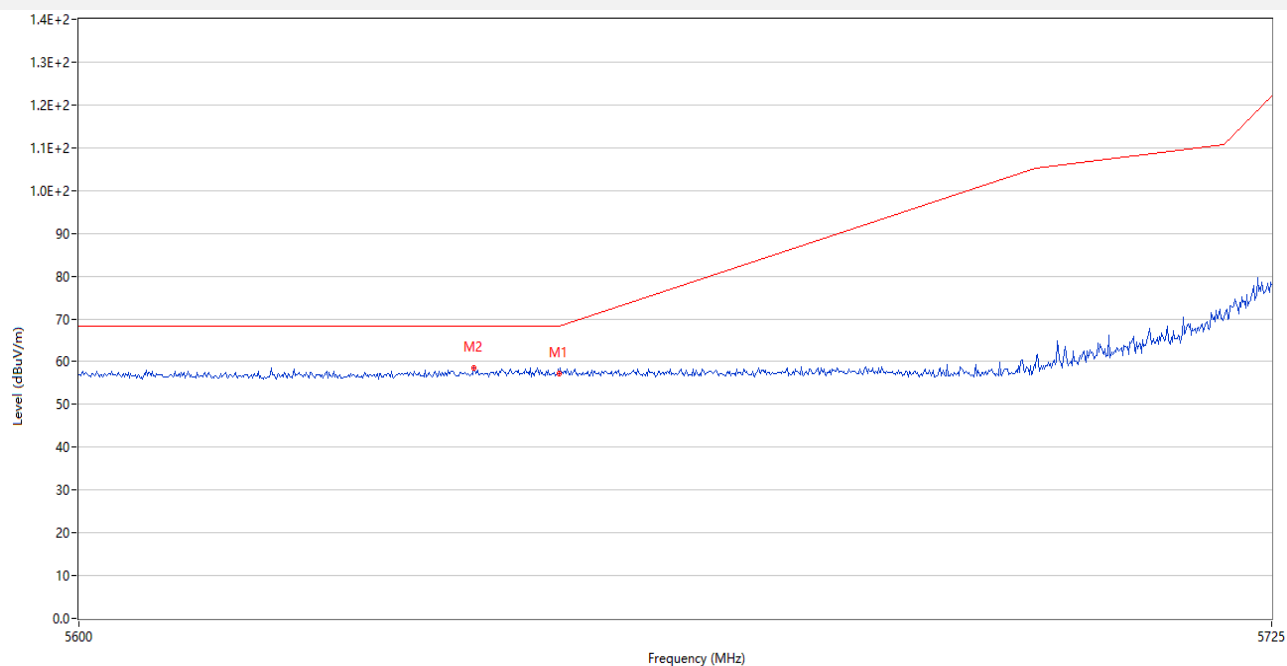
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.64	7.83	68.2	10.56	Peak	0.37	150	Vertical	Pass
2	5926.050	58.90	7.81	68.2	9.30	Peak	266.00	150	Vertical	Pass

U-NII-3 11a High Channel ANT H



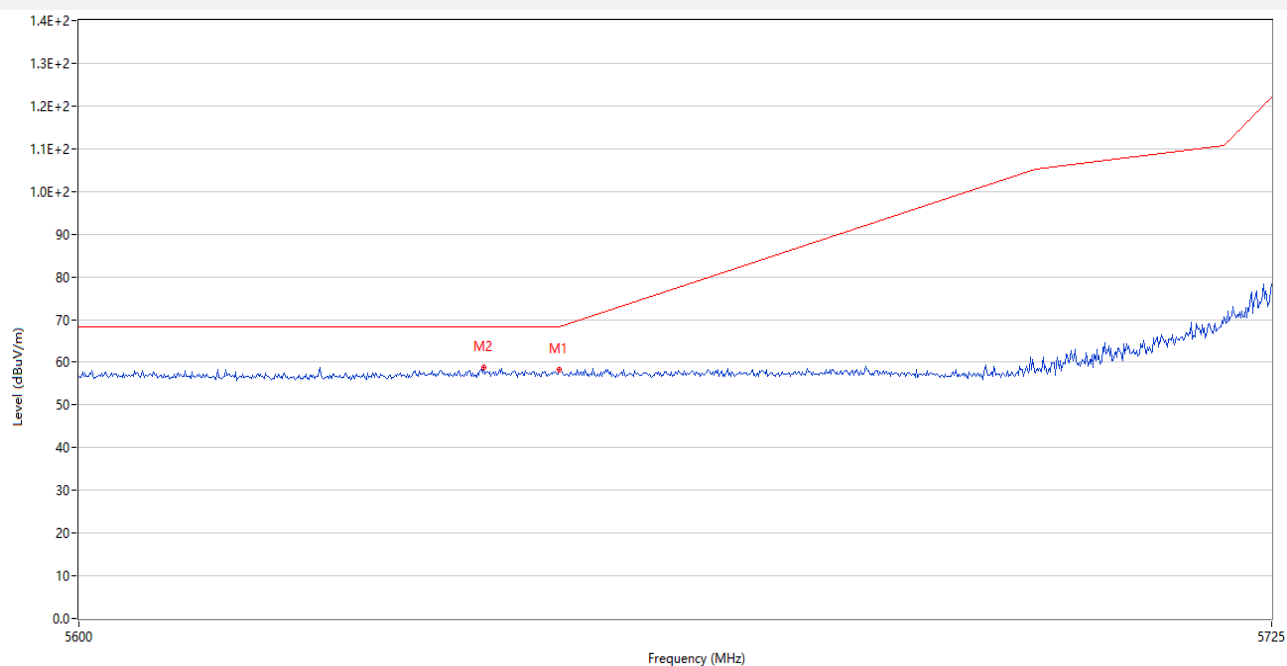
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.14	7.83	68.2	11.06	Peak	75.92	150	Horizontal	Pass
2	5933.250	58.47	7.57	68.2	9.73	Peak	277.00	150	Horizontal	Pass

U-NII-3 11ac20 Low Channel ANT V



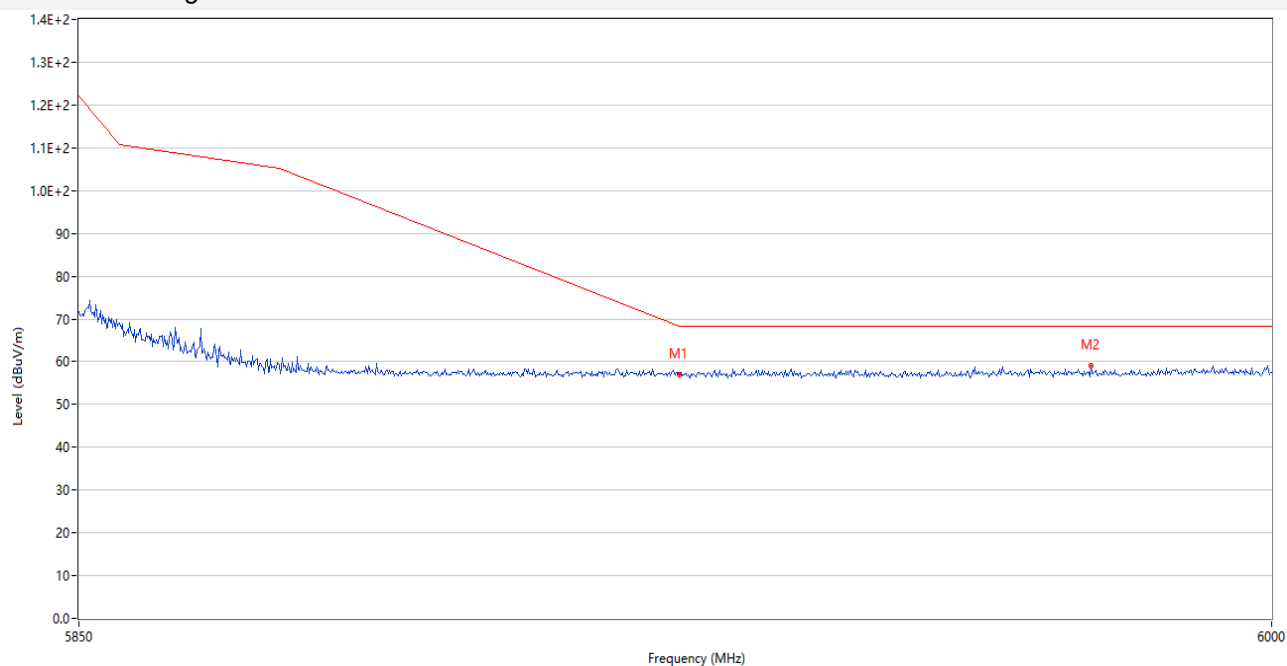
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.21	5.94	68.2	10.99	Peak	144.22	150	Vertical	Pass
2	5641.125	58.47	5.92	68.2	9.73	Peak	295.00	150	Vertical	Pass

U-NII-3 11ac20 Low Channel ANT H



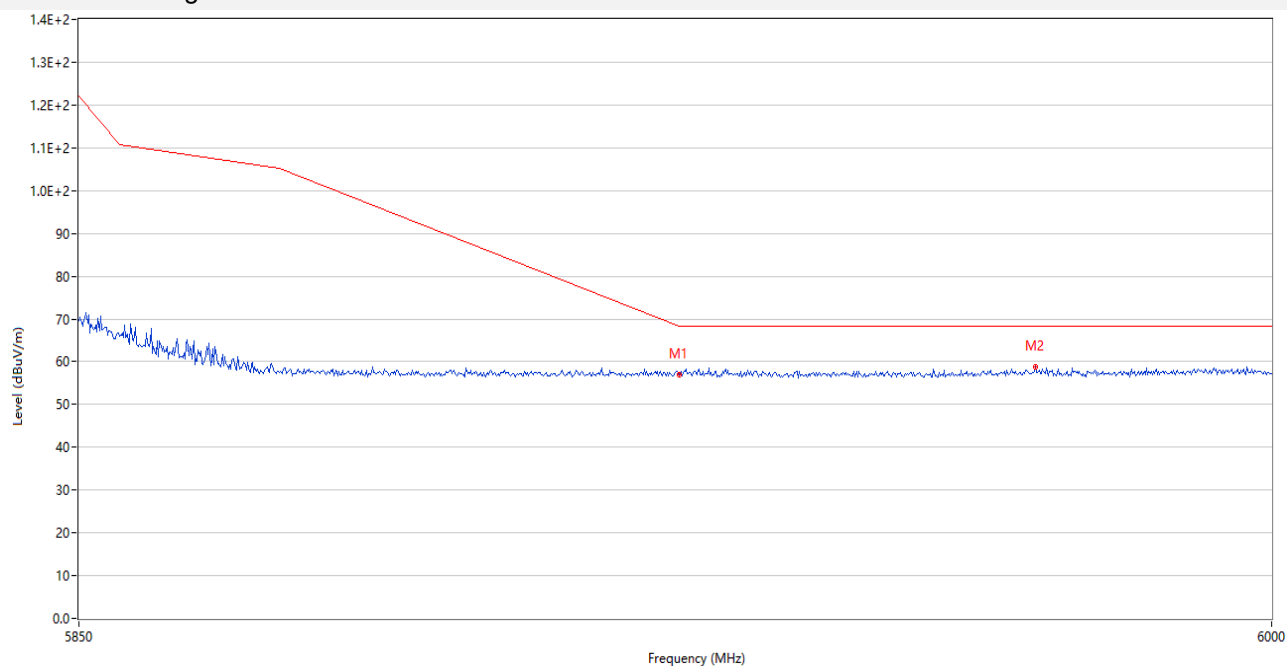
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	58.23	5.94	68.2	9.97	Peak	355.72	150	Horizontal	Pass
2	5642.125	58.83	5.96	68.2	9.37	Peak	190.00	150	Horizontal	Pass

U-NII-3 11ac20 High Channel ANT V



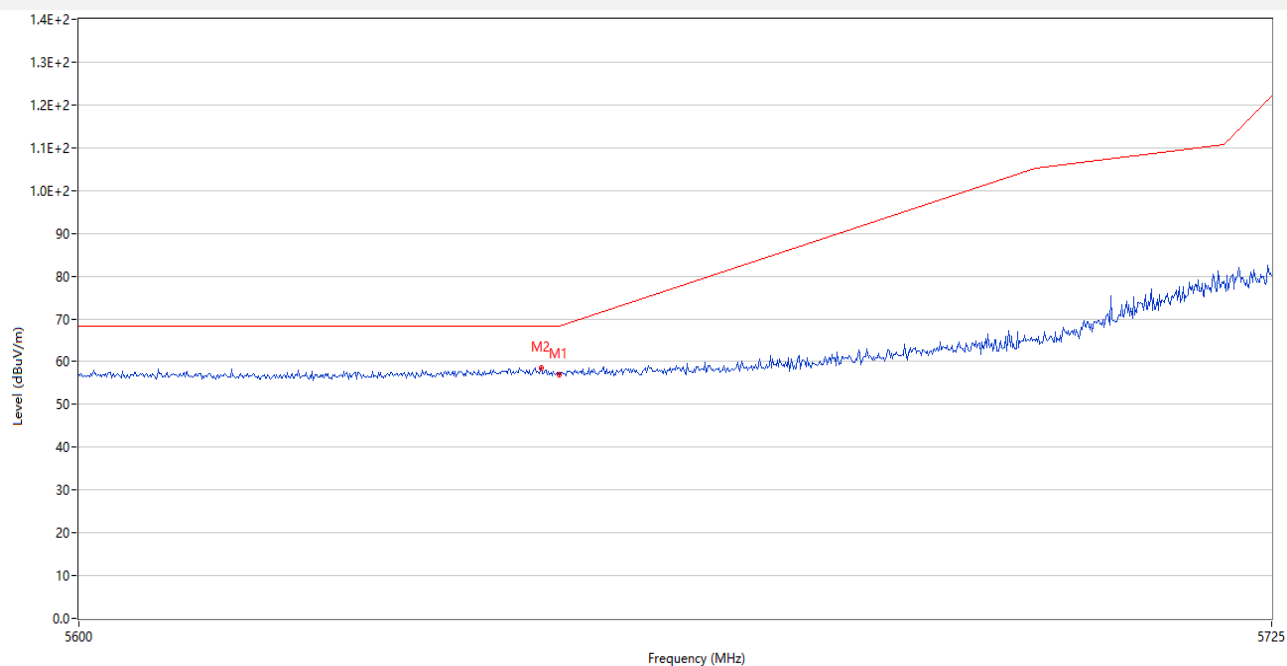
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.84	7.83	68.2	11.36	Peak	34.15	150	Vertical	Pass
2	5977.050	59.02	7.44	68.2	9.18	Peak	175.00	150	Vertical	Pass

U-NII-3 11ac20 High Channel ANT H



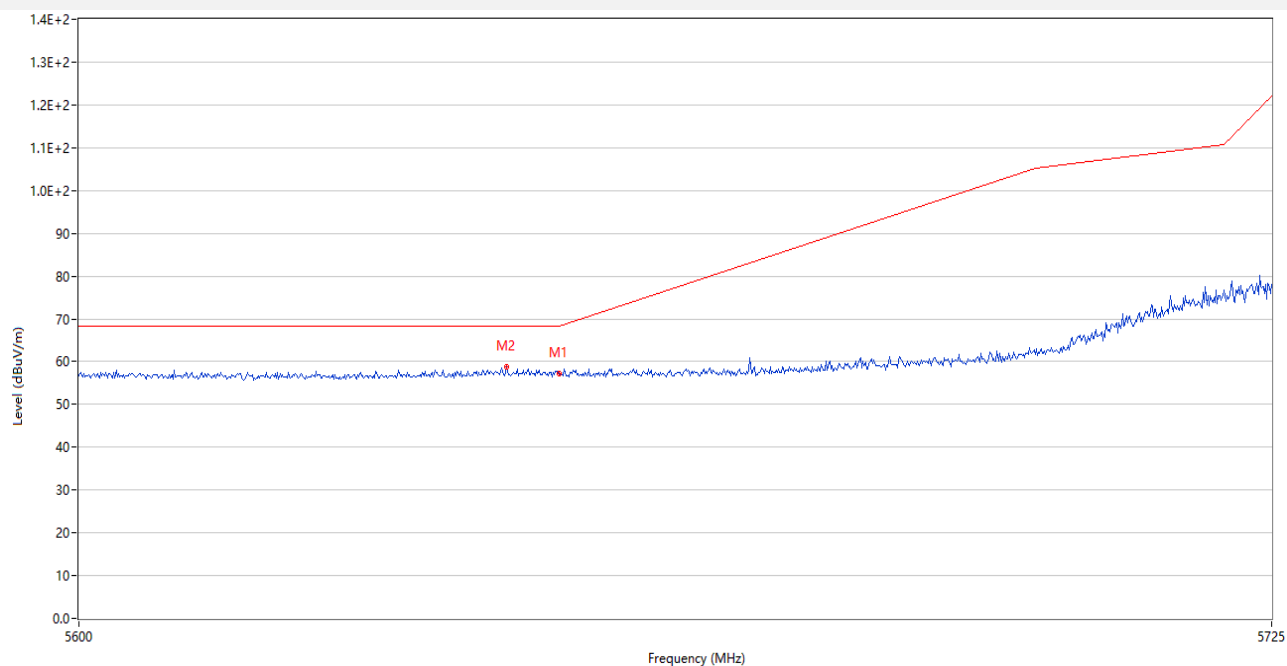
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.03	7.83	68.2	11.17	Peak	62.14	150	Horizontal	Pass
2	5970.000	58.81	7.61	68.2	9.39	Peak	0.00	150	Horizontal	Pass

U-NII-3 11ac40 Low Channel ANT V



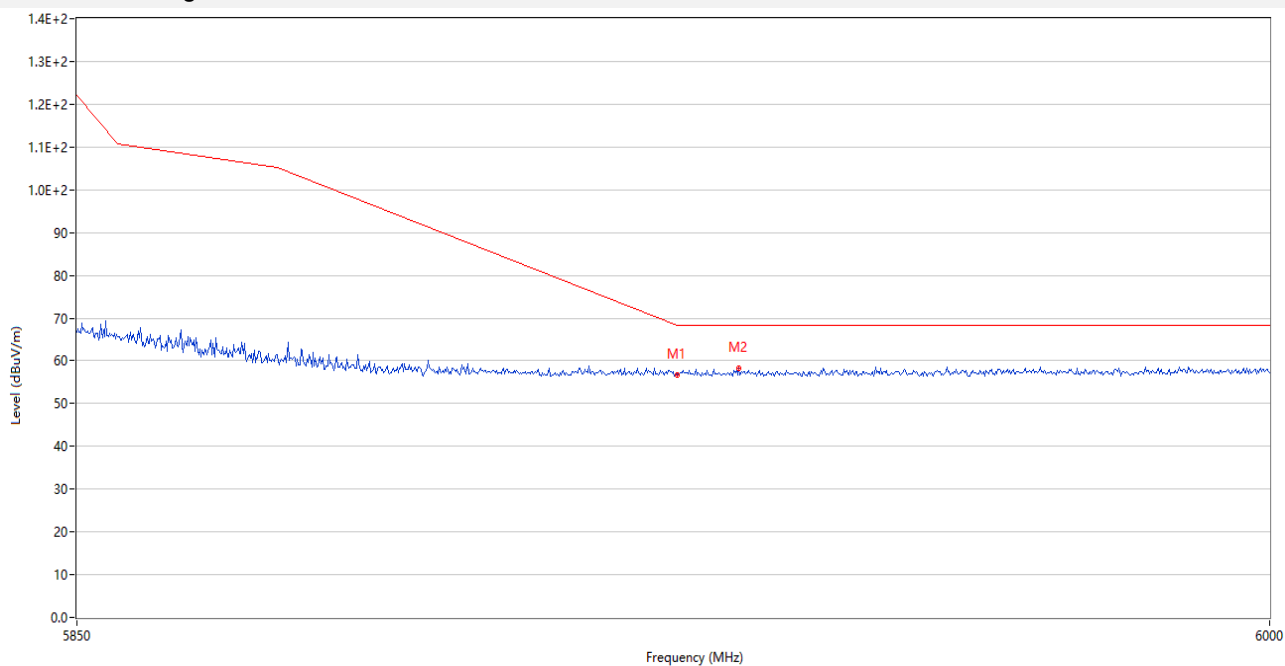
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	56.88	5.94	68.2	11.32	Peak	112.25	150	Vertical	Pass
2	5648.125	58.43	5.95	68.2	9.77	Peak	360.00	150	Vertical	Pass

U-NII-3 11ac40 Low Channel ANT H



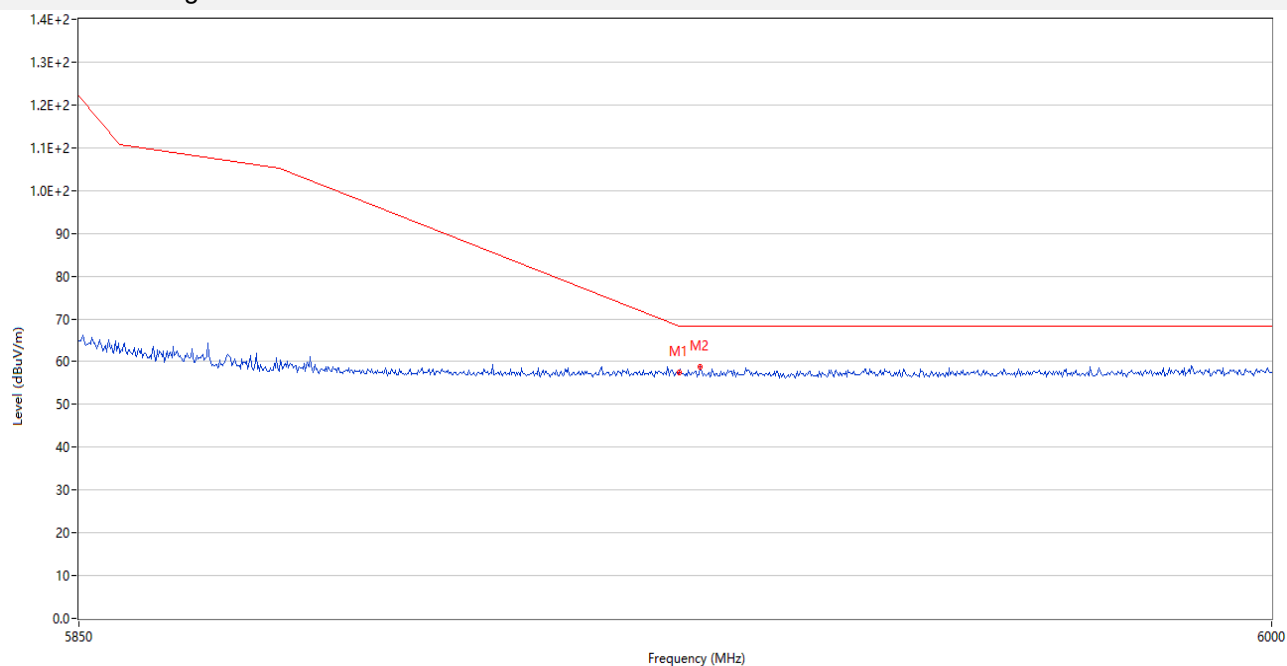
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5650.000	57.30	5.94	68.2	10.90	Peak	293.70	150	Horizontal	Pass
2	5644.500	58.87	6.02	68.2	9.33	Peak	322.00	150	Horizontal	Pass

U-NII-3 11ac40 High Channel ANT V



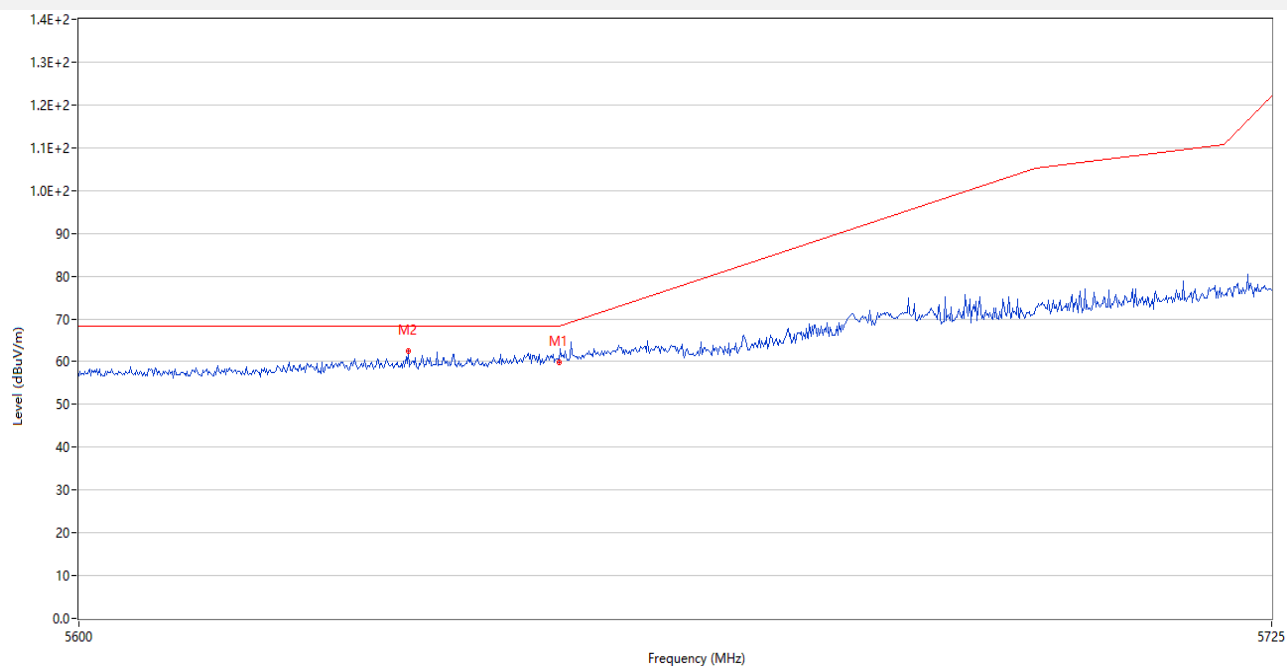
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	56.80	7.83	68.2	11.40	Peak	0.00	150	Vertical	Pass
2	5932.800	58.29	7.59	68.2	9.91	Peak	313.00	150	Vertical	Pass

U-NII-3 11ac40 High Channel ANT H



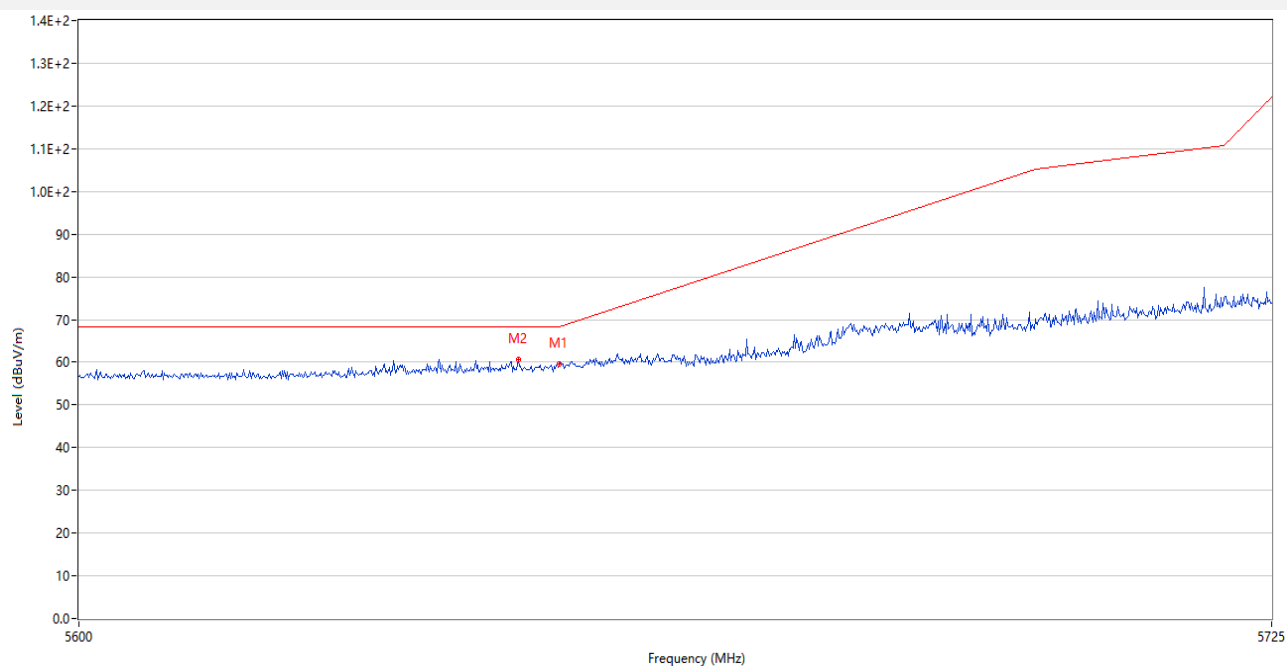
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5925.000	57.58	7.83	68.2	10.62	Peak	95.88	150	Horizontal	Pass
2	5927.700	58.86	7.75	68.2	9.34	Peak	291.00	150	Horizontal	Pass

U-NII-3 11ac80 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	5650.000	59.75	5.94	68.2	8.45	Peak	267.00	150	Vertical	Pass
2	5634.250	62.61	5.86	68.2	5.59	Peak	274.00	150	Vertical	Pass

U-NII-3 11ac80 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	5650.000	59.72	5.94	68.2	8.48	Peak	0.15	150	Horizontal	Pass
2	5645.750	60.56	6.00	68.2	7.64	Peak	218.00	150	Horizontal	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ2460952-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ2460952-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ2460952-AI.PDF”.

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--END OF REPORT--