

TEST REPORT

Applicant: Franklin Technology
Address: #906 JEI Platz, 186, Gasan digital1-ro,
Geumcheon-gu, Seoul 08502 Korea
Equipment Type: Mobile Hotspot
Model Name: RG3102
Brand Name: N/A
FCC ID: XHG-RG3102
Test Standard: 47 CFR Part 15 Subpart E
(refer to section 3.1)
Sample Arrival Date: Sep. 10, 2024
Test Date: Oct. 11, 2024 - Jan. 22, 2025
Date of Issue: Feb. 07, 2025

ISSUED BY:

Shanghai Tejet Communications Technology Co., Ltd. Testing Center

**Tested by:** Hai Su**Checked by:** Zhang Yanqing**Approved by:** Chen Zidong
(Technical Director)Hai SuZhang YanqingChen Zidong

Revision History

Version	Issue Date	Revisions
<u>Rev. 01</u>	<u>Jan. 07, 2025</u>	<u>Initial Issue</u>
<u>Rev. 02</u>	<u>Feb. 07, 2025</u>	<u>Modify the A.6 Contention Based Protocol</u>
		<u>Modify the A.7 In-Band Emission</u>
		<u>The original report is invalid.</u>

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1 GENERAL INFORMATION

1.1 Test Laboratory

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

1.2 Test Location

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

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Franklin Technology
Address	#906 JEI Platz, 186, Gasan digital1-ro, Geumcheon-gu, Seoul 08502 Korea

2.2 Manufacturer Information

Manufacturer	Franklin Technology
Address	#906 JEI Platz, 186, Gasan digital1-ro, Geumcheon-gu, Seoul 08502 Korea

2.3 General Description for Equipment under Test (EUT)

EUT Name	Mobile Hotspot
Model Name Under Test	RG3102
Series Model Name	N/A
Description of Model name differentiation	N/A
Sample Number	SC-SH2470071-S10 SC-SH2470071-S12
Hardware Version	P1
Software Version	RG3102.AT.1298
Dimensions (Approx.)	L:133mm* W:85 mm* H:25.3mm*
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	3G Network WCDMA Band 2/4/5 4G Network LTE FDD Band 2/4/5/7/12/14/26/30 TDD Band 38/40/41 2.4G WIFI:802.11b,g,n(20/40),ax(20/40),be(20/40) 5G WIFI:802.11a,n(20/40),ac(20/40/80/160),ax(20/40/80/160),be(20/40/80/160) 6G WIFI:802.11ax(20/40/80/160),be(20/40/80/160)
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The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-5: 5925 MHz to 6425 MHz U-NII-6: 6425 MHz to 6525 MHz U-NII-7: 6525 MHz to 6875 MHz U-NII-8: 6875 MHz to 7125 MHz	
Modulation technology	OFDMA	
Modulation Type	4096QAM, 1024QAM, 64QAM, 16QAM, BPSK, QPSK	
Transfer Rate (Mbps) (Single RF path)	802.11ax up to 1021 Mbps 802.11be: up to 1441 Mbps	
Channel Bandwidth	802.11ax: 20 MHz, 40 MHz, 80 MHz, 160MHz 802.11be: 20 MHz, 40 MHz, 80 MHz, 160MHz	
Maximum Output Power	U-NII-5: 19.29 dBm U-NII-6: 18.50 dBm U-NII-7: 18.77 dBm U-NII-8: 17.62 dBm	
Antenna System (eg., MIMO, Smart Antenna)	Multi Input Multi Output (MIMO) for 802.11ax/be	
Categorization as Correlated or Completely Uncorrelated	Categorization as Uncorrelated for 802.11ax/be	
Antenna Type	Main Antenna Aux. Antenna	PIFA Antenna
Antenna Gain	Main Antenna	U-NII-5: 5925 MHz to 6425 MHz: 4.44 dBi U-NII-6: 6425 MHz to 6525 MHz: 4.44 dBi U-NII-7: 6525 MHz to 6875 MHz: 4.44 dBi U-NII-8: 6875 MHz to 7125 MHz: 4.44 dBi
	Aux. Antenna	U-NII-5: 5925 MHz to 6425 MHz: 3.56 dBi U-NII-6: 6425 MHz to 6525 MHz: 3.56 dBi U-NII-7: 6525 MHz to 6875 MHz: 3.56 dBi U-NII-8: 6875 MHz to 7125 MHz: 3.56 dBi
Total directional gain	For power spectral density(PSD) measurements	Correlated: U-NII-5: 5925 MHz to 6425 MHz: 7.02 dBi U-NII-6: 6425 MHz to 6525 MHz: 7.02 dBi U-NII-7: 6525 MHz to 6875 MHz: 7.02 dBi

		U-NII-8: 6875 MHz to 7125 MHz: 7.02 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / \text{NANT}]$ dBi Uncorrelated: U-NII-5: 5925 MHz to 6425 MHz: 4.02 dBi U-NII-6: 6425 MHz to 6525 MHz: 4.02 dBi U-NII-7: 6525 MHz to 6875 MHz: 4.02 dBi U-NII-8: 6875 MHz to 7125 MHz: 4.02 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / \text{NANT}]$ dBi
	For power measurements	Correlated: U-NII-5: 5925 MHz to 6425 MHz: 7.02 dBi U-NII-6: 6425 MHz to 6525 MHz: 7.02 dBi U-NII-7: 6525 MHz to 6875 MHz: 7.02 dBi U-NII-8: 6875 MHz to 7125 MHz: 7.02 dBi Formulas: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / \text{NANT}]$ dBi Uncorrelated: U-NII-5: 5925 MHz to 6425 MHz: 4.02 dBi U-NII-6: 6425 MHz to 6525 MHz: 4.02 dBi U-NII-7: 6525 MHz to 6875 MHz: 4.02 dBi U-NII-8: 6875 MHz to 7125 MHz: 4.02 dBi Formulas: Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / \text{NANT}]$ dBi
About the Product		The equipment is Mobile Hotspot, intended for used with information technology equipment.

Mode	Antenna		
	Main Antenna	Aux. Antenna	MIMO
802.11ax20	√	√	√
802.11ax40	√	√	√
802.11ax80	√	√	√
802.11ax160	√	√	√
802.11be20	√	√	√
802.11be40	√	√	√
802.11be80	√	√	√
802.11be160	√	√	√
Note: All the configurations were tested, but only the worst data was shown in this report.			

2.5 Channel List

U-NII-5/6/7/8:

20 MHz		40 MHz		80 MHz		160 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
1	5955	3	5965	7	5985	15	6025
5	5975	11	6005	23	6065	47	6185
9	5995	19	6045	39	6145	79	6345
13	6015	27	6085	55	6225	111	6505
17	6035	35	6125	71	6305	143	6665
21	6055	43	6165	87	6385	175	6825
25	6075	51	6205	103	6465	207	6985
29	6095	59	6245	119	6545		
33	6115	67	6285	135	6625		
37	6135	75	6325	151	6705		
41	6155	83	6365	167	6785		
45	6175	91	6405	183	6865		
49	6195	99	6445	199	6945		
53	6215	107	6485	215	7025		
57	6235	115	6525				
61	6255	123	6565				
65	6275	131	6605				
69	6295	139	6645				
73	6315	147	6685				
77	6335	155	6725				
81	6355	163	6765				
85	6375	171	6805				
89	6395	179	6845				
93	6415	187	6885				
97	6435	195	6925				
101	6455	203	6965				
105	6475	211	7005				
109	6495	219	7045				
113	6515	227	7085				
117	6535						
121	6555						
125	6575						
129	6595						
133	6615						
137	6635						
141	6655						
145	6675						

149	6695						
153	6715						
157	6735						
161	6755						
165	6775						
169	6795						
173	6815						
177	6835						
181	6855						
185	6875						
189	6895						
193	6915						
197	6935						
201	6955						
205	6975						
209	6995						
213	7015						
217	7035						
221	7055						
225	7075						
229	7095						
233	7115						

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 802.11ax(HE20)/be(EHT20)

U-NII-5 (5925 - 6425 MHz)			U-NII-6 (6425 - 6525 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
1	Low	5955	97	Low	6435
45	Mid	6175	105	Mid	6475
93	High	6415	113	High	6515

U-NII-7 (6425 - 6875 MHz)			U-NII-8 (6875 - 7125 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
117	Low	6535	185	Low	6875
153	Mid	6715	213	Mid	7015
181	High	6855	233	High	7115

For 802.11ax(HE40)/be(EHT40)

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

U-NII-2C (5150 - 5250 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
102	Low	5510	151	Low	5755
118	Mid	5590	159	High	5795
134	High	5670			

U-NII-5 (5925 - 6425 MHz)			U-NII-6 (6425 - 6525 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
3	Low	5965	99	Low	6445
43	Mid	6165	107	Mid	6485
91	High	6405	115	High	6525

U-NII-7 (6425 - 6875 MHz)			U-NII-8 (6875 - 7125 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
123	Low	6565	187	Low	6885
155	Mid	6725	211	Mid	7005
179	High	6845	227	High	7085

For 802.11ax(HE80)/be(EHT80)

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			

U-NII-5 (5925 - 6425 MHz)			U-NII-6 (6425 - 6525 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
7	Low	5985	103	Low	6465
39	Mid	6145	119	High	6545
87	High	6385			

U-NII-7 (6425 - 6875 MHz)			U-NII-8 (6875 - 7125 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
135	Low	6625	183	Low	6865
151	Mid	6705	199	Mid	6945
167	High	6785	215	High	7025

For 802.11ax(HE160)/be(EHT160)

U-NII-5 (5925 - 6425 MHz)			U-NII-6 (6425 - 6525 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
15	Low	6025	111	Mid	6505
47	Mid	6185			
79	High	6345			

U-NII-7 (6425 - 6875 MHz)			U-NII-8 (6875 - 7125 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
143	Low	6665	207	Mid	6985
175	High	6825			

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-5	U-NII-6	U-NII-7	U-NII-8
				Channel	Channel	Channel	Channel
RF Output Power	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax(160 MHz)	34		15/47/79	111	143/175	207
	11be(20 MHz)	8.6		1/45/93	97/105/113	117/153/181	185/213/229/233
	11be(40 MHz)	17.2		3/43/91	99/107/115	123/155/179	187/211/227
	11be(80 MHz)	36.0		7/39/87	103/119	135/151/167	183/199/215
	11be(160 MHz)	72.1		15/47/79	111	143/175	207
Emission Bandwidth & 99% Occupied Bandwidth	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax(160 MHz)	34		15/47/79	111	143/175	207
	11be(20 MHz)	8.6		1/45/93	97/105/113	117/153/181	185/213/229/233
	11be(40 MHz)	17.2		3/43/91	99/107/115	123/155/179	187/211/227
	11be(80 MHz)	36.0		7/39/87	103/119	135/151/167	183/199/215
	11be(160 MHz)	72.1		15/47/79	111	143/175	207
Power Spectral Density	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax(160 MHz)	34		15/47/79	111	143/175	207
	11be(20 MHz)	8.6		1/45/93	97/105/113	117/153/181	185/213/229/233
	11be(40 MHz)	17.2		3/43/91	99/107/115	123/155/179	187/211/227
	11be(80 MHz)	36.0		7/39/87	103/119	135/151/167	183/199/215
	11be(160 MHz)	72.1		15/47/79	111	143/175	207
Radiated Spurious Emissions	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax(160 MHz)	34		15/47/79	111	143/175	207
	11be(20 MHz)	8.6		1/45/93	97/105/113	117/153/181	185/213/229/233
	11be(40 MHz)	17.2		3/43/91	99/107/115	123/155/179	187/211/227
	11be(80 MHz)	36.0		7/39/87	103/119	135/151/167	183/199/215
	11be(160 MHz)	72.1		15/47/79	111	143/175	207
Band Edge (Restricted-band)	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax(160 MHz)	34		15/47/79	111	143/175	207
	11be(20 MHz)	8.6		1/45/93	97/105/113	117/153/181	185/213/229/233
	11be(40 MHz)	17.2		3/43/91	99/107/115	123/155/179	187/211/227
	11be(80 MHz)	36.0		7/39/87	103/119	135/151/167	183/199/215
	11be(160 MHz)	72.1		15/47/79	111	143/175	207

Contention Based Protocol	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax(160 MHz)	34		15/47/79	111	143/175	207
	11be(20 MHz)	8.6		1/45/93	97/105/113	117/153/181	185/213/229/233
	11be(40 MHz)	17.2		3/43/91	99/107/115	123/155/179	187/211/227
	11be(80 MHz)	36.0		7/39/87	103/119	135/151/167	183/199/215
	11be(160 MHz)	72.1		15/47/79	111	143/175	207
In-Band Emissions	11ax(20 MHz)	4	OFDMA	1/45/93	97/105/113	117/153/181	185/213/229/233
	11ax(40 MHz)	8		3/43/91	99/107/115	123/155/179	187/211/227
	11ax(80 MHz)	17		7/39/87	103/119	135/151/167	183/199/215
	11ax(160 MHz)	34		15/47/79	111	143/175	207
	11be(20 MHz)	8.6		1/45/93	97/105/113	117/153/181	185/213/229/233
	11be(40 MHz)	17.2		3/43/91	99/107/115	123/155/179	187/211/227
	11be(80 MHz)	36.0		7/39/87	103/119	135/151/167	183/199/215
	11be(160 MHz)	72.1		15/47/79	111	143/175	207

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	KDB Publication 987594 D03v01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure 6 GHz (U-NII) Devices Part 15, Subpart E
4	KDB Publication 662911 D01v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)
5	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	N/A	--	Pass ^{Note1}
2	RF Output Power	15.407(a)	N/A	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	N/A	ANNEX A.2	Pass
4	Power Spectral Density	15.407(a)	N/A	ANNEX A.4	Pass
5	Conducted Emission	15.207	N/A	ANNEX A.5	Pass
6	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	N/A	ANNEX A.6	Pass
7	Contention Based Protocol	15.407(d)	N/A	ANNEX A.7	Pass
8	In-Band Emissions	15.407(b)	N/A	ANNEX A.8	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	54% to 60%	
Atmospheric Pressure	101 kPa	
Temperature	NT (Normal Temperature)	+22.8°C to +23.9°C
	LT (Low Temperature)	-10°C
	HT (High Temperature)	+60°C
Working Voltage of the EUT	NV (Normal Voltage)	3.80 V
	LV (Low Voltage)	3.60 V
	HV (High Voltage)	4.20 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY54420147	2024.02.22	2025.02.21
Spectrum Analyzer	KEYSIGHT	N9010B	MY60240977	2024.02.22	2025.02.21
Signal Generator	Anritsu	MG3710E	6262063515	2024.02.22	2025.02.21
Wideband Radio Communication Tester	R&S	CMW500	168792	2024.02.22	2025.02.21
EMI Receiver	KEYSIGHT	N9038A	MY55330122	2024.07.09	2025.07.08
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519	1519-177	2024.03.11	2027.03.10
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	9163-1203	2024.03.11	2027.03.10
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	9120D-2134	2024.03.11	2027.03.10
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400-KF	J211060307	2024.03.11	2027.03.10
Anechoic Chamber	YiHeng	9m*6m*6m	EMC001	2024.04.18	2027.04.17
EMI Receiver	KEYSIGHT	N9038A	MY55330115	2024.02.19	2025.02.18
LISN	SCHWARZBECK	NSLK 8127	8127-940	2024.02.25	2025.02.24
10dB Limiter	SCHWARZBECK	VTSD 9561-F	9561-F N00409	2024.02.19	2025.02.18
Shielded Room	YiHeng	5m*4m*3.2 m	EMC006	2024.02.22	2027.02.21

4.3 Test Software List

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

4.4 Decision Rule

- ☐ No Need
☒ Use General conformity decision rule (Consider uncertainty or not ☒No ☐Yes)
☐ Use Special Conformity Decision Rule (Consider uncertainty or not ☐No ☐Yes)

4.5 Measurement Uncertainty

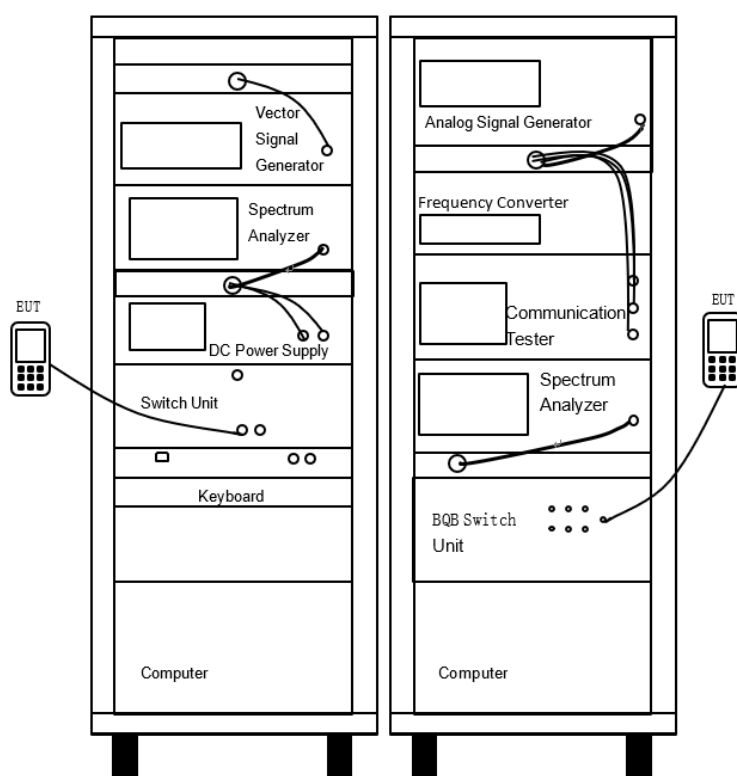
The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

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

Parameters	Uncertainty
Occupied Channel Bandwidth	2.4 %
RF output power, conducted	0.41 dB
Power Spectral Density, conducted	1.73 dB
Unwanted Emissions, conducted	1.73 dB
All emissions, radiated	4.57 dB
Temperature	0.82 ℃
Humidity	4.1 %

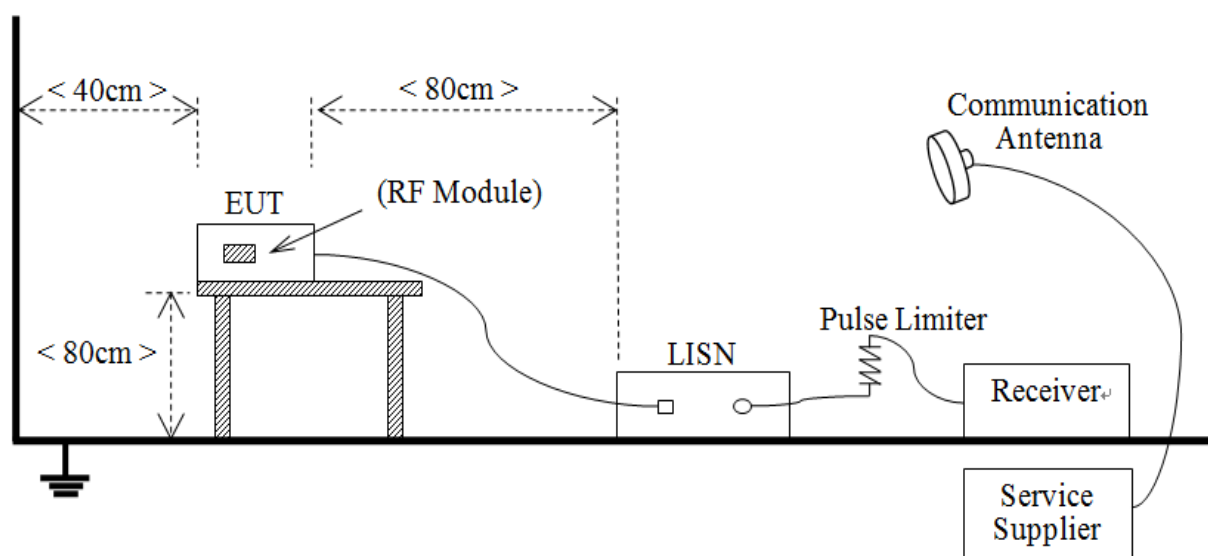
4.6 Description of Test Setup

4.6.1 For Antenna Port Test



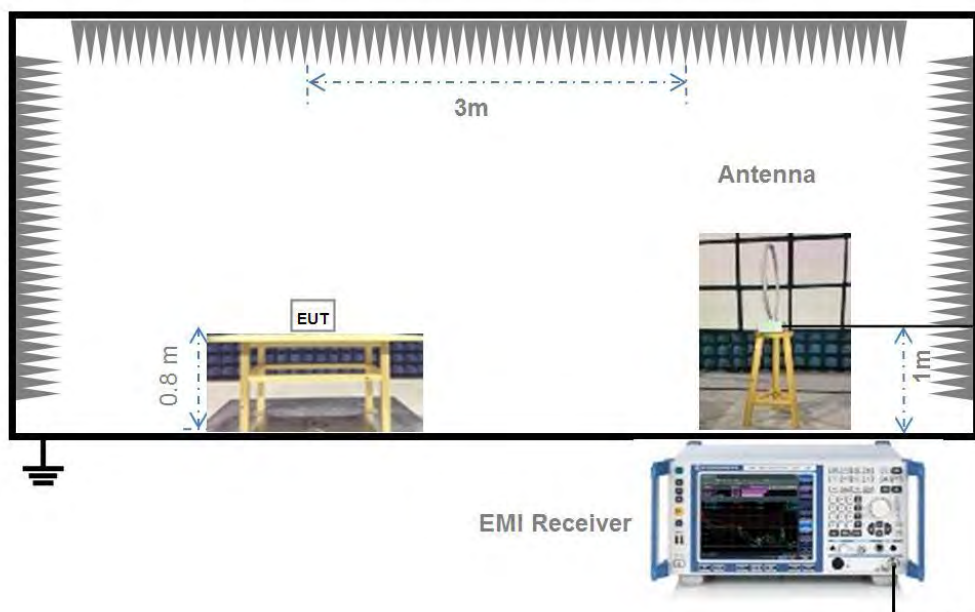
(Diagram 1)

4.6.2 For AC Power Supply Port Test



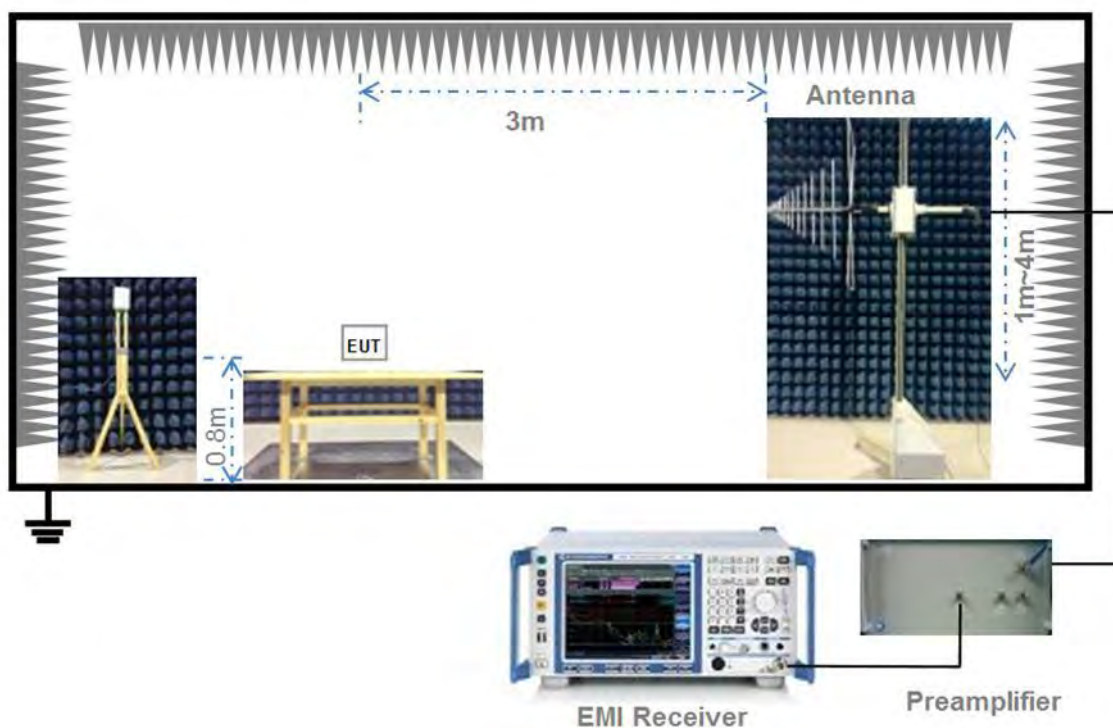
(Diagram 2)

4.6.3 For Radiated Test (Below 30 MHz)



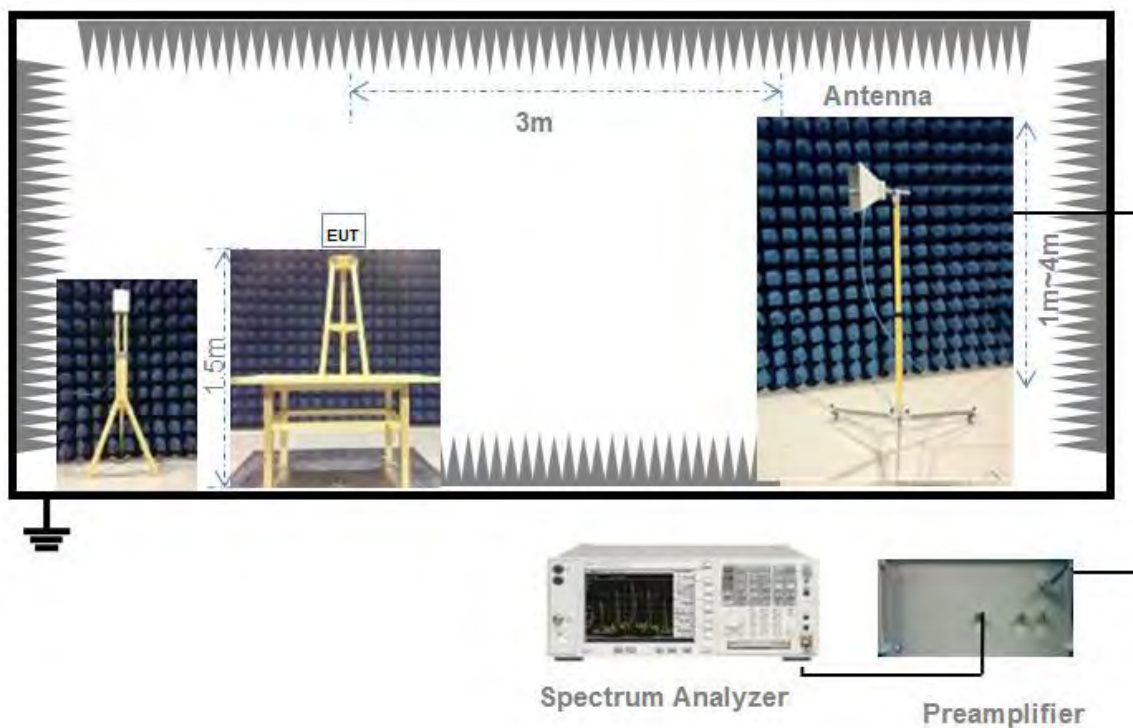
(Diagram 3)

4.6.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.6.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

Frequency Band (MHz)	Limit
5925-7125	30 dBm (e.i.r.p.)
Note: Where "B" is the 26 dB emissions bandwidth in MHz.	

5.1.2 Test Setup

The section 4.6.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

Maximum conducted (average) output power

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

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

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

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

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

Measurements of duty cycle

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

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

Set RBW $\geq$ OBW if possible; otherwise, set RBW to the largest available value.

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

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

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

environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 99% Occupied Bandwidth

5.2.1 Limit

FCC §15.407(a)

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

5.2.2 Test Setup

The test setup photo please refer to 4.6.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.
2. Set VBW $\geq 3 \times$ RBW,
3. Detector = Peak.
4. Trace mode = Max hold.
5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW
2. Set RBW = 1% to 5% of the OBW.
3. Set VBW $\geq 3 \times$ RBW, 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
5925-7125	5 dBm/MHz (e.i.r.p.)

5.3.2 Test Setup

The section 4.6.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

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

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

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

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

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

5.4.2 Test Setup

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

5.4.3 Test Procedure

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

5.4.4 Test Result

Please refer to ANNEX A.5.

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

5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (m)
0.009 - 0.490	2400/F(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

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

Note²: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5925 - 7125	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)

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

5.5.2 Test Setup

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

5.5.3 Test Procedure

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

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

General Procedure for conducted measurements in restricted bands

- Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).
- Add the maximum transmit antenna gain (in dBi) to the measured output power level to determine the EIRP level (see guidance on determining the applicable antenna gain)

c) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).
 d) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

e) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:
 $E = \text{EIRP} - 20\log D + 104.8$

where:

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

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

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

g) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

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

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

Peak power measurement procedure

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

a) RBW = as specified in Table 1.

b) VBW $\geq 3 \times$ 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.

5.6 Contention Based Protocol

5.6.1 Limit

FCC §15.15.407(d)

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.

5.6.2 Test Setup

The section 4.6.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.6.3 Test Procedure

The AWGN interference signal level is corrected according to the antenna gain, and the AWGN interference signal is modulated by the vector signal source. When AWGN interference exists, a spectrum analyzer is used to detect whether the EUT recognizes and stops transmission.

5.6.4 Test Result

Please refer to ANNEX A.7.

5.7 In-Band Emissions

5.7.1 Limit

FCC §15.15.407(b)

Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:

- a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
- b. Suppressed by 28 dB at one channel bandwidth from the channel center.
- c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.

5.7.2 Test Setup

The section 4.6.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.7.3 Test Procedure

1. Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013.
3. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (This will be used to determine the channel edge.)
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
 - a) Set the span to encompass the entire 26 dB EBW of the signal.
 - b) Set RBW = same RBW used for 26 dB EBW measurement.
 - c) Set VBW $\geq 3 \times$ RBW
 - d) Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$.
 - e) Sweep time = auto.
 - f) Detector = RMS (i.e., power averaging)
 - g) Trace average at least 100 traces in power averaging (rms) mode.
 - h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
 - a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
 - b. Suppressed by 28 dB at one channel bandwidth from the channel center.
 - c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.

9. Trace average at least 100 traces in power averaging (rms) mode.
10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask

5.7.4 Test Result

Please refer to ANNEX A.8.

ANNEX A TEST RESULT

A.1 RF Output Power

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

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

Duty Cycle

U-NII-5/6/7/8

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle	Duty Factor
11ax (HE20)	5.33	5.36	99.53%	0.02
11ax (HE40)	5.36	5.41	99.00%	0.04
11ax (HE80)	5.22	5.28	98.86%	0.05
11ax (HE160)	4.39	4.43	99.03%	0.04
11be (EHT20)	5.33	5.36	99.42%	0.03
11be (EHT40)	5.37	5.41	99.17%	0.04
11be (EHT80)	5.23	5.30	98.75%	0.05
11be (EHT160)	4.39	4.44	98.87%	0.05

Test DataConducted PowerMain Antenna:

U-NII-5 (5925 - 6425MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH1	13.19	20.85	30	Pass
11ax (HE20) (SU)	CH45	13.31	21.43	30	Pass
11ax (HE20) (SU)	CH93	13.37	21.73	30	Pass
11ax (HE40) (SU)	CH3	15.68	37.01	30	Pass
11ax (HE40) (SU)	CH43	15.86	38.58	30	Pass
11ax (HE40) (SU)	CH91	15.63	36.59	30	Pass
11ax (HE80) (SU)	CH7	17.80	60.25	30	Pass
11ax (HE80) (SU)	CH39	18.28	67.29	30	Pass
11ax (HE80) (SU)	CH87	18.14	65.16	30	Pass
11ax (HE160) (SU)	CH15	20.63	115.67	30	Pass
11ax (HE160) (SU)	CH47	21.50	141.33	30	Pass
11ax (HE160) (SU)	CH79	20.60	114.88	30	Pass
11be (EHT20)	CH1	13.03	20.07	30	Pass
11be (EHT20)	CH45	13.18	20.77	30	Pass
11be (EHT20)	CH93	13.30	21.36	30	Pass
11be (EHT40)	CH3	15.30	33.86	30	Pass
11be (EHT40)	CH43	15.63	36.53	30	Pass
11be (EHT40)	CH91	15.48	35.29	30	Pass
11be (EHT80)	CH7	17.87	61.30	30	Pass
11be (EHT80)	CH39	18.34	68.30	30	Pass
11be (EHT80)	CH87	18.22	66.44	30	Pass
11be (EHT160)	CH15	20.57	114.00	30	Pass
11be (EHT160)	CH47	20.23	105.42	30	Pass
11be (EHT160)	CH79	20.08	101.84	30	Pass

U-NII-6 (6425 - 6525MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH97	13.04	20.14	30	Pass
11ax (HE20) (SU)	CH105	12.88	19.41	30	Pass
11ax (HE20) (SU)	CH113	12.98	19.86	30	Pass
11ax (HE40) (SU)	CH99	15.60	36.34	30	Pass
11ax (HE40) (SU)	CH107	15.86	38.58	30	Pass
11ax (HE40) (SU)	CH115	15.92	39.12	30	Pass
11ax (HE80) (SU)	CH103	18.13	65.01	30	Pass
11ax (HE80) (SU)	CH119	17.82	60.53	30	Pass
11ax (HE160) (SU)	CH111	20.28	106.72	30	Pass
11be (EHT20)	CH97	13.94	24.79	30	Pass
11be (EHT20)	CH105	13.80	24.00	30	Pass
11be (EHT20)	CH113	13.89	24.50	30	Pass
11be (EHT40)	CH99	16.30	42.69	30	Pass
11be (EHT40)	CH107	16.59	45.64	30	Pass
11be (EHT40)	CH115	16.65	46.27	30	Pass
11be (EHT80)	CH103	19.08	80.94	30	Pass
11be (EHT80)	CH119	18.74	74.84	30	Pass
11be (EHT160)	CH111	20.63	115.51	30	Pass

U-NII-7 (6525 - 6825MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH117	12.88	19.41	30	Pass
11ax (HE20) (SU)	CH153	13.13	20.56	30	Pass
11ax (HE20) (SU)	CH181	12.71	18.67	30	Pass
11ax (HE40) (SU)	CH123	15.98	39.66	30	Pass
11ax (HE40) (SU)	CH155	15.74	37.53	30	Pass
11ax (HE40) (SU)	CH179	15.79	37.96	30	Pass
11ax (HE80) (SU)	CH135	18.32	67.91	30	Pass
11ax (HE80) (SU)	CH151	18.53	71.28	30	Pass
11ax (HE80) (SU)	CH1167	18.74	74.81	30	Pass
11ax (HE160) (SU)	CH143	19.83	96.21	30	Pass
11ax (HE160) (SU)	CH175	19.68	92.95	30	Pass
11be (EHT20)	CH117	13.93	24.69	30	Pass
11be (EHT20)	CH153	13.87	24.35	30	Pass
11be (EHT20)	CH181	14.00	25.09	30	Pass
11be (EHT40)	CH123	16.80	47.82	30	Pass
11be (EHT40)	CH155	16.79	47.71	30	Pass
11be (EHT40)	CH179	16.42	43.82	30	Pass
11be (EHT80)	CH135	19.21	83.45	30	Pass
11be (EHT80)	CH151	19.41	87.39	30	Pass
11be (EHT80)	CH1167	19.65	92.35	30	Pass
11be (EHT160)	CH143	20.05	101.14	30	Pass
11be (EHT160)	CH175	19.92	98.16	30	Pass

U-NII-8 (6875 - 7125MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH185	12.91	19.54	30	Pass
11ax (HE20) (SU)	CH213	13.32	21.48	30	Pass
11ax (HE20) (SU)	CH229	12.96	19.77	30	Pass
11ax (HE20) (SU)	CH233	13.09	20.37	30	Pass
11ax (HE40) (SU)	CH187	15.61	36.42	30	Pass
11ax (HE40) (SU)	CH211	15.84	38.40	30	Pass
11ax (HE40) (SU)	CH227	15.81	38.14	30	Pass
11ax (HE80) (SU)	CH183	18.17	65.61	30	Pass
11ax (HE80) (SU)	CH199	18.03	63.53	30	Pass
11ax (HE80) (SU)	CH215	17.97	62.66	30	Pass
11ax (HE160) (SU)	CH207	19.43	87.75	30	Pass
11be (EHT20)	CH185	13.73	23.61	30	Pass
11be (EHT20)	CH213	14.20	26.31	30	Pass
11be (EHT20)	CH229	13.89	24.50	30	Pass
11be (EHT20)	CH233	14.00	25.13	30	Pass
11be (EHT40)	CH187	16.31	42.78	30	Pass
11be (EHT40)	CH211	16.51	44.79	30	Pass
11be (EHT40)	CH227	16.49	44.59	30	Pass
11be (EHT80)	CH183	19.10	81.29	30	Pass
11be (EHT80)	CH199	18.96	78.71	30	Pass
11be (EHT80)	CH215	18.92	77.99	30	Pass
11be (EHT160)	CH207	19.80	95.39	30	Pass

Aux. Antenna:

U-NII-5 (5925 - 6425MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH1	13.26	21.19	30	Pass
11ax (HE20) (SU)	CH45	12.75	18.84	30	Pass
11ax (HE20) (SU)	CH93	13.03	20.09	30	Pass
11ax (HE40) (SU)	CH3	15.91	39.03	30	Pass
11ax (HE40) (SU)	CH43	15.30	33.91	30	Pass
11ax (HE40) (SU)	CH91	15.88	38.76	30	Pass
11ax (HE80) (SU)	CH7	17.66	58.34	30	Pass
11ax (HE80) (SU)	CH39	17.11	51.40	30	Pass
11ax (HE80) (SU)	CH87	17.63	57.94	30	Pass
11ax (HE160) (SU)	CH15	19.27	84.57	30	Pass
11ax (HE160) (SU)	CH47	18.89	77.49	30	Pass
11ax (HE160) (SU)	CH79	16.55	45.21	30	Pass
11be (EHT20)	CH1	10.94	12.40	30	Pass
11be (EHT20)	CH45	10.18	10.41	30	Pass
11be (EHT20)	CH93	10.47	11.13	30	Pass
11be (EHT40)	CH3	13.17	20.77	30	Pass
11be (EHT40)	CH43	12.49	17.76	30	Pass
11be (EHT40)	CH91	12.99	19.92	30	Pass
11be (EHT80)	CH7	15.07	32.15	30	Pass
11be (EHT80)	CH39	14.53	28.39	30	Pass
11be (EHT80)	CH87	14.07	25.55	30	Pass
11be (EHT160)	CH15	14.78	30.06	30	Pass
11be (EHT160)	CH47	14.74	29.78	30	Pass
11be (EHT160)	CH79	14.09	25.64	30	Pass

U-NII-6 (6425 - 6525MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH97	13.72	23.55	30	Pass
11ax (HE20) (SU)	CH105	14.12	25.82	30	Pass
11ax (HE20) (SU)	CH113	13.83	24.16	30	Pass
11ax (HE40) (SU)	CH99	16.23	42.01	30	Pass
11ax (HE40) (SU)	CH107	16.57	45.43	30	Pass
11ax (HE40) (SU)	CH115	16.24	42.11	30	Pass
11ax (HE80) (SU)	CH103	18.26	66.98	30	Pass
11ax (HE80) (SU)	CH119	18.18	65.76	30	Pass
11ax (HE160) (SU)	CH111	19.54	90.00	30	Pass
11be (EHT20)	CH97	14.62	28.99	30	Pass
11be (EHT20)	CH105	15.05	32.01	30	Pass
11be (EHT20)	CH113	14.75	29.87	30	Pass
11be (EHT40)	CH99	16.92	49.24	30	Pass
11be (EHT40)	CH107	17.23	52.88	30	Pass
11be (EHT40)	CH115	16.95	49.58	30	Pass
11be (EHT80)	CH103	19.24	83.97	30	Pass
11be (EHT80)	CH119	19.11	81.50	30	Pass
11be (EHT160)	CH111	19.96	99.00	30	Pass

U-NII-7 (6525 - 6825MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH117	13.79	23.93	30	Pass
11ax (HE20) (SU)	CH153	14.10	25.71	30	Pass
11ax (HE20) (SU)	CH181	14.07	25.53	30	Pass
11ax (HE40) (SU)	CH123	16.32	42.89	30	Pass
11ax (HE40) (SU)	CH155	16.53	45.01	30	Pass
11ax (HE40) (SU)	CH179	16.71	46.92	30	Pass
11ax (HE80) (SU)	CH135	18.93	78.16	30	Pass
11ax (HE80) (SU)	CH151	19.11	81.46	30	Pass
11ax (HE80) (SU)	CH1167	18.35	68.39	30	Pass
11ax (HE160) (SU)	CH143	20.54	113.30	30	Pass
11ax (HE160) (SU)	CH175	19.35	86.15	30	Pass
11be (EHT20)	CH117	14.61	28.87	30	Pass
11be (EHT20)	CH153	14.98	31.44	30	Pass
11be (EHT20)	CH181	14.95	31.23	30	Pass
11be (EHT40)	CH123	16.96	49.62	30	Pass
11be (EHT40)	CH155	17.12	51.48	30	Pass
11be (EHT40)	CH179	17.31	53.78	30	Pass
11be (EHT80)	CH135	19.89	97.60	30	Pass
11be (EHT80)	CH151	19.48	88.81	30	Pass
11be (EHT80)	CH1167	19.27	84.61	30	Pass
11be (EHT160)	CH143	19.89	97.48	30	Pass
11be (EHT160)	CH175	18.75	74.98	30	Pass

U-NII-8 (6875 - 7125MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH185	13.84	24.21	30	Pass
11ax (HE20) (SU)	CH213	13.30	21.38	30	Pass
11ax (HE20) (SU)	CH229	13.66	23.23	30	Pass
11ax (HE20) (SU)	CH233	13.99	25.06	30	Pass
11ax (HE40) (SU)	CH187	16.68	46.60	30	Pass
11ax (HE40) (SU)	CH211	15.68	37.01	30	Pass
11ax (HE40) (SU)	CH227	16.16	41.34	30	Pass
11ax (HE80) (SU)	CH183	18.01	63.24	30	Pass
11ax (HE80) (SU)	CH199	17.32	53.95	30	Pass
11ax (HE80) (SU)	CH215	16.31	42.75	30	Pass
11ax (HE160) (SU)	CH207	18.62	72.82	30	Pass
11be (EHT20)	CH185	14.74	29.79	30	Pass
11be (EHT20)	CH213	14.21	26.37	30	Pass
11be (EHT20)	CH229	14.58	28.72	30	Pass
11be (EHT20)	CH233	14.92	31.05	30	Pass
11be (EHT40)	CH187	17.38	54.73	30	Pass
11be (EHT40)	CH211	16.38	43.47	30	Pass
11be (EHT40)	CH227	16.20	41.71	30	Pass
11be (EHT80)	CH183	19.05	80.36	30	Pass
11be (EHT80)	CH199	18.31	67.77	30	Pass
11be (EHT80)	CH215	17.26	53.22	30	Pass
11be (EHT160)	CH207	18.69	73.88	30	Pass

MIMO Antenna:

U-NII-5 (5925 - 6425MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH1	16.24	42.03	30	Pass
11ax (HE20) (SU)	CH45	16.05	40.27	30	Pass
11ax (HE20) (SU)	CH93	16.21	41.82	30	Pass
11ax (HE40) (SU)	CH3	18.81	76.04	30	Pass
11ax (HE40) (SU)	CH43	18.60	72.49	30	Pass
11ax (HE40) (SU)	CH91	18.77	75.35	30	Pass
11ax (HE80) (SU)	CH7	20.74	118.59	30	Pass
11ax (HE80) (SU)	CH39	20.74	118.69	30	Pass
11ax (HE80) (SU)	CH87	20.90	123.10	30	Pass
11ax (HE160) (SU)	CH15	23.02	200.25	30	Pass
11ax (HE160) (SU)	CH47	23.40	218.82	30	Pass
11ax (HE160) (SU)	CH79	22.04	160.09	30	Pass
11be (EHT20)	CH1	15.12	32.47	30	Pass
11be (EHT20)	CH45	14.94	31.19	30	Pass
11be (EHT20)	CH93	15.12	32.49	30	Pass
11be (EHT40)	CH3	17.37	54.62	30	Pass
11be (EHT40)	CH43	17.35	54.29	30	Pass
11be (EHT40)	CH91	17.42	55.21	30	Pass
11be (EHT80)	CH7	19.71	93.45	30	Pass
11be (EHT80)	CH39	19.85	96.70	30	Pass
11be (EHT80)	CH87	19.64	91.99	30	Pass
11be (EHT160)	CH15	21.59	144.06	30	Pass
11be (EHT160)	CH47	21.31	135.20	30	Pass
11be (EHT160)	CH79	21.05	127.48	30	Pass

U-NII-6 (6425 - 6525MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH97	16.40	43.69	30	Pass
11ax (HE20) (SU)	CH105	16.55	45.23	30	Pass
11ax (HE20) (SU)	CH113	16.44	44.02	30	Pass
11ax (HE40) (SU)	CH99	18.94	78.35	30	Pass
11ax (HE40) (SU)	CH107	19.24	84.01	30	Pass
11ax (HE40) (SU)	CH115	19.10	81.22	30	Pass
11ax (HE80) (SU)	CH103	21.21	131.99	30	Pass
11ax (HE80) (SU)	CH119	21.01	126.29	30	Pass
11ax (HE160) (SU)	CH111	22.94	196.72	30	Pass
11be (EHT20)	CH97	17.31	53.77	30	Pass
11be (EHT20)	CH105	17.48	56.01	30	Pass
11be (EHT20)	CH113	17.35	54.37	30	Pass
11be (EHT40)	CH99	19.63	91.93	30	Pass
11be (EHT40)	CH107	19.94	98.52	30	Pass
11be (EHT40)	CH115	19.82	95.86	30	Pass
11be (EHT80)	CH103	22.17	164.91	30	Pass
11be (EHT80)	CH119	21.94	156.34	30	Pass
11be (EHT160)	CH111	23.31	214.51	30	Pass

U-NII-7 (6525 - 6825MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH117	16.37	43.35	30	Pass
11ax (HE20) (SU)	CH153	16.65	46.27	30	Pass
11ax (HE20) (SU)	CH181	16.45	44.19	30	Pass
11ax (HE40) (SU)	CH123	19.17	82.55	30	Pass
11ax (HE40) (SU)	CH155	19.17	82.54	30	Pass
11ax (HE40) (SU)	CH179	19.29	84.88	30	Pass
11ax (HE80) (SU)	CH135	21.65	146.07	30	Pass
11ax (HE80) (SU)	CH151	21.84	152.74	30	Pass
11ax (HE80) (SU)	CH1167	21.56	143.20	30	Pass
11ax (HE160) (SU)	CH143	23.21	209.52	30	Pass
11ax (HE160) (SU)	CH175	22.53	179.09	30	Pass
11be (EHT20)	CH117	17.29	53.56	30	Pass
11be (EHT20)	CH153	17.47	55.79	30	Pass
11be (EHT20)	CH181	17.51	56.32	30	Pass
11be (EHT40)	CH123	19.89	97.44	30	Pass
11be (EHT40)	CH155	19.96	99.19	30	Pass
11be (EHT40)	CH179	19.89	97.60	30	Pass
11be (EHT80)	CH135	22.58	181.05	30	Pass
11be (EHT80)	CH151	22.46	176.19	30	Pass
11be (EHT80)	CH1167	22.48	176.97	30	Pass
11be (EHT160)	CH143	22.98	198.62	30	Pass
11be (EHT160)	CH175	22.38	173.13	30	Pass

U-NII-8 (6875 - 7125MHz)					
Mode	Channel	EIRP (dBm)	EIRP (mW)	EIRP Limit (dBm)	Verdict
11ax (HE20) (SU)	CH185	16.41	43.76	30	Pass
11ax (HE20) (SU)	CH213	16.32	42.86	30	Pass
11ax (HE20) (SU)	CH229	16.33	43.00	30	Pass
11ax (HE20) (SU)	CH233	16.57	45.43	30	Pass
11ax (HE40) (SU)	CH187	19.19	83.02	30	Pass
11ax (HE40) (SU)	CH211	18.77	75.42	30	Pass
11ax (HE40) (SU)	CH227	19.00	79.48	30	Pass
11ax (HE80) (SU)	CH183	21.10	128.85	30	Pass
11ax (HE80) (SU)	CH199	20.70	117.47	30	Pass
11ax (HE80) (SU)	CH215	20.23	105.41	30	Pass
11ax (HE160) (SU)	CH207	22.06	160.57	30	Pass
11be (EHT20)	CH185	17.28	53.40	30	Pass
11be (EHT20)	CH213	17.22	52.68	30	Pass
11be (EHT20)	CH229	17.26	53.21	30	Pass
11be (EHT20)	CH233	17.50	56.18	30	Pass
11be (EHT40)	CH187	19.89	97.51	30	Pass
11be (EHT40)	CH211	19.46	88.27	30	Pass
11be (EHT40)	CH227	19.36	86.30	30	Pass
11be (EHT80)	CH183	22.09	161.65	30	Pass
11be (EHT80)	CH199	21.66	146.48	30	Pass
11be (EHT80)	CH215	21.18	131.21	30	Pass
11be (EHT160)	CH207	22.29	169.27	30	Pass

A.2 Emission Bandwidth & 99% Occupied Bandwidth

Note: Test plots please refer to the document "Annex No.: BL-SH2480613-603 Data Part 1.pdf".

Test Data

Main Antenna:

U-NII-5 (5925 - 6425MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH1	23.13	19.07
11ax (HE20) (SU)	CH45	22.97	19.07
11ax (HE20) (SU)	CH93	22.80	19.05
11ax (HE40) (SU)	CH3	43.19	37.79
11ax (HE40) (SU)	CH43	42.80	37.81
11ax (HE40) (SU)	CH91	43.17	37.82
11ax (HE80) (SU)	CH7	84.19	76.92
11ax (HE80) (SU)	CH39	84.20	76.68
11ax (HE80) (SU)	CH87	84.56	77.02
11ax (HE160) (SU)	CH15	246.40	157.32
11ax (HE160) (SU)	CH47	246.30	157.25
11ax (HE160) (SU)	CH79	247.50	157.88
11be (EHT20)	CH1	23.20	19.07
11be (EHT20)	CH45	23.20	19.08
11be (EHT20)	CH93	23.23	19.07
11be (EHT40)	CH3	42.70	37.80
11be (EHT40)	CH43	42.92	37.76
11be (EHT40)	CH91	43.04	37.82
11be (EHT80)	CH7	85.09	77.03
11be (EHT80)	CH39	83.98	76.98
11be (EHT80)	CH87	85.52	77.00
11be (EHT160)	CH15	318.10	158.54
11be (EHT160)	CH47	319.10	158.85
11be (EHT160)	CH79	318.70	159.70

U-NII-6 (6425 - 6525MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH97	22.97	19.07
11ax (HE20) (SU)	CH105	23.04	19.06
11ax (HE20) (SU)	CH113	23.00	19.07
11ax (HE40) (SU)	CH99	42.91	37.82
11ax (HE40) (SU)	CH107	43.04	37.82
11ax (HE40) (SU)	CH115	43.17	37.82
11ax (HE80) (SU)	CH103	85.59	76.98
11ax (HE80) (SU)	CH119	84.61	76.96
11ax (HE160) (SU)	CH111	318.60	158.00
11be (EHT20)	CH97	23.00	19.08
11be (EHT20)	CH105	23.02	19.07
11be (EHT20)	CH113	22.84	19.07
11be (EHT40)	CH99	42.88	37.80
11be (EHT40)	CH107	42.94	37.78
11be (EHT40)	CH115	43.14	37.87
11be (EHT80)	CH103	84.96	77.06
11be (EHT80)	CH119	84.28	77.02
11be (EHT160)	CH111	319.10	159.08

U-NII-7 (6525 - 6825MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH117	22.96	19.09
11ax (HE20) (SU)	CH153	23.30	19.07
11ax (HE20) (SU)	CH181	22.97	19.07
11ax (HE40) (SU)	CH123	43.12	37.80
11ax (HE40) (SU)	CH155	43.61	37.80
11ax (HE40) (SU)	CH179	42.82	37.79
11ax (HE80) (SU)	CH135	84.91	77.02
11ax (HE80) (SU)	CH151	84.66	76.98
11ax (HE80) (SU)	CH1167	84.15	76.93
11ax (HE160) (SU)	CH143	320.00	159.74
11ax (HE160) (SU)	CH175	320.00	159.26
11be (EHT20)	CH117	23.28	19.07
11be (EHT20)	CH153	23.12	19.06
11be (EHT20)	CH181	23.05	19.10
11be (EHT40)	CH123	42.89	37.81
11be (EHT40)	CH155	43.44	37.79
11be (EHT40)	CH179	42.88	37.80
11be (EHT80)	CH135	85.63	76.93
11be (EHT80)	CH151	84.41	77.07
11be (EHT80)	CH1167	84.35	77.03
11be (EHT160)	CH143	318.30	158.64
11be (EHT160)	CH175	317.60	158.11

U-NII-8 (6875 - 7125MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH185	23.12	19.06
11ax (HE20) (SU)	CH213	23.03	19.06
11ax (HE20) (SU)	CH229	23.19	19.08
11ax (HE20) (SU)	CH233	23.11	19.07
11ax (HE40) (SU)	CH187	43.37	37.84
11ax (HE40) (SU)	CH211	43.01	37.83
11ax (HE40) (SU)	CH227	43.39	37.83
11ax (HE80) (SU)	CH183	84.23	76.92
11ax (HE80) (SU)	CH199	83.88	77.18
11ax (HE80) (SU)	CH215	151.80	78.32
11ax (HE160) (SU)	CH207	313.70	157.69
11be (EHT20)	CH185	23.13	19.08
11be (EHT20)	CH213	23.32	19.07
11be (EHT20)	CH229	22.90	19.08
11be (EHT20)	CH233	23.26	19.08
11be (EHT40)	CH187	42.66	37.84
11be (EHT40)	CH211	43.64	37.84
11be (EHT40)	CH227	43.82	37.83
11be (EHT80)	CH183	84.98	76.93
11be (EHT80)	CH199	98.67	77.14
11be (EHT80)	CH215	151.70	78.34
11be (EHT160)	CH207	317.80	158.10

Aux. Antenna:

U-NII-5 (5925 - 6425MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH1	23.08	19.07
11ax (HE20) (SU)	CH45	22.52	19.06
11ax (HE20) (SU)	CH93	23.07	19.06
11ax (HE40) (SU)	CH3	42.99	37.80
11ax (HE40) (SU)	CH43	43.15	37.78
11ax (HE40) (SU)	CH91	43.14	37.82
11ax (HE80) (SU)	CH7	141.70	77.52
11ax (HE80) (SU)	CH39	84.17	77.05
11ax (HE80) (SU)	CH87	147.60	78.34
11ax (HE160) (SU)	CH15	286.70	157.83
11ax (HE160) (SU)	CH47	244.30	157.36
11ax (HE160) (SU)	CH79	317.60	158.39
11be (EHT20)	CH1	23.80	19.19
11be (EHT20)	CH45	23.09	19.08
11be (EHT20)	CH93	23.32	19.05
11be (EHT40)	CH3	43.51	37.83
11be (EHT40)	CH43	43.43	37.82
11be (EHT40)	CH91	43.00	37.85
11be (EHT80)	CH7	142.90	77.82
11be (EHT80)	CH39	85.32	77.17
11be (EHT80)	CH87	146.90	78.43
11be (EHT160)	CH15	317.90	158.13
11be (EHT160)	CH47	318.50	158.17
11be (EHT160)	CH79	317.90	158.38

U-NII-6 (6425 - 6525MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH97	22.82	19.06
11ax (HE20) (SU)	CH105	23.10	19.06
11ax (HE20) (SU)	CH113	23.20	19.08
11ax (HE40) (SU)	CH99	43.45	37.83
11ax (HE40) (SU)	CH107	43.02	37.86
11ax (HE40) (SU)	CH115	43.59	37.82
11ax (HE80) (SU)	CH103	137.10	77.76
11ax (HE80) (SU)	CH119	127.30	77.32
11ax (HE160) (SU)	CH111	244.90	157.40
11be (EHT20)	CH97	22.96	19.05
11be (EHT20)	CH105	23.13	19.06
11be (EHT20)	CH113	23.79	19.18
11be (EHT40)	CH99	43.74	37.86
11be (EHT40)	CH107	43.39	37.85
11be (EHT40)	CH115	43.22	37.84
11be (EHT80)	CH103	146.20	77.82
11be (EHT80)	CH119	133.50	77.45
11be (EHT160)	CH111	317.20	158.70

U-NII-7 (6525 - 6825MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH117	23.13	19.06
11ax (HE20) (SU)	CH153	22.79	19.06
11ax (HE20) (SU)	CH181	23.08	19.07
11ax (HE40) (SU)	CH123	43.39	37.81
11ax (HE40) (SU)	CH155	43.47	37.81
11ax (HE40) (SU)	CH179	43.31	37.86
11ax (HE80) (SU)	CH135	144.10	77.96
11ax (HE80) (SU)	CH151	156.60	78.86
11ax (HE80) (SU)	CH1167	151.60	78.18
11ax (HE160) (SU)	CH143	320.00	158.35
11ax (HE160) (SU)	CH175	320.00	158.53
11be (EHT20)	CH117	23.00	19.07
11be (EHT20)	CH153	22.90	19.10
11be (EHT20)	CH181	23.46	19.07
11be (EHT40)	CH123	42.76	37.83
11be (EHT40)	CH155	43.70	37.85
11be (EHT40)	CH179	43.66	37.86
11be (EHT80)	CH135	150.60	77.95
11be (EHT80)	CH151	147.50	77.73
11be (EHT80)	CH1167	152.70	78.34
11be (EHT160)	CH143	318.60	158.39
11be (EHT160)	CH175	318.50	158.54

U-NII-8 (6875 - 7125MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11ax (HE20) (SU)	CH185	23.11	19.06
11ax (HE20) (SU)	CH213	23.36	19.07
11ax (HE20) (SU)	CH229	22.81	19.11
11ax (HE20) (SU)	CH233	23.11	19.08
11ax (HE40) (SU)	CH187	43.47	37.83
11ax (HE40) (SU)	CH211	42.98	37.84
11ax (HE40) (SU)	CH227	80.00	38.73
11ax (HE80) (SU)	CH183	146.00	77.99
11ax (HE80) (SU)	CH199	84.92	77.20
11ax (HE80) (SU)	CH215	142.10	77.59
11ax (HE160) (SU)	CH207	320.00	157.81
11be (EHT20)	CH185	23.48	19.06
11be (EHT20)	CH213	23.00	19.10
11be (EHT20)	CH229	24.49	19.24
11be (EHT20)	CH233	23.19	19.08
11be (EHT40)	CH187	43.06	37.82
11be (EHT40)	CH211	43.46	37.88
11be (EHT40)	CH227	73.75	38.03
11be (EHT80)	CH183	146.90	77.97
11be (EHT80)	CH199	115.60	77.19
11be (EHT80)	CH215	141.40	77.65
11be (EHT160)	CH207	318.60	158.55

A.3 Power Spectral Density (PSD)

Note 1: Test plots please refer to the document "Annex No.: BL-SH2480613-603 Data Part 2.pdf".

Note 2: The PSD has considered the Duty Factor.

Test Data

Main Antenna:

U-NII-5 (5925 - 6425MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH1	1.03	5.00	Pass
11ax (HE20) (SU)	CH45	1.19	5.00	Pass
11ax (HE20) (SU)	CH93	1.22	5.00	Pass
11ax (HE40) (SU)	CH3	0.87	5.00	Pass
11ax (HE40) (SU)	CH43	1.17	5.00	Pass
11ax (HE40) (SU)	CH91	0.97	5.00	Pass
11ax (HE80) (SU)	CH7	0.88	5.00	Pass
11ax (HE80) (SU)	CH39	1.17	5.00	Pass
11ax (HE80) (SU)	CH87	0.96	5.00	Pass
11ax (HE160) (SU)	CH15	-0.48	5.00	Pass
11ax (HE160) (SU)	CH47	0.38	5.00	Pass
11ax (HE160) (SU)	CH79	-0.57	5.00	Pass
11be (EHT20)	CH1	0.89	5.00	Pass
11be (EHT20)	CH45	1.15	5.00	Pass
11be (EHT20)	CH93	1.21	5.00	Pass
11be (EHT40)	CH3	0.61	5.00	Pass
11be (EHT40)	CH43	0.92	5.00	Pass
11be (EHT40)	CH91	0.78	5.00	Pass
11be (EHT80)	CH7	0.95	5.00	Pass
11be (EHT80)	CH39	1.22	5.00	Pass
11be (EHT80)	CH87	1.09	5.00	Pass
11be (EHT160)	CH15	-0.35	5.00	Pass
11be (EHT160)	CH47	-0.93	5.00	Pass
11be (EHT160)	CH79	-1.09	5.00	Pass

U-NII-6 (6425 - 6525MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH97	0.93	5.00	Pass
11ax (HE20) (SU)	CH105	0.81	5.00	Pass
11ax (HE20) (SU)	CH113	0.91	5.00	Pass
11ax (HE40) (SU)	CH99	0.93	5.00	Pass
11ax (HE40) (SU)	CH107	1.26	5.00	Pass
11ax (HE40) (SU)	CH115	1.21	5.00	Pass
11ax (HE80) (SU)	CH103	1.26	5.00	Pass
11ax (HE80) (SU)	CH119	0.84	5.00	Pass
11ax (HE160) (SU)	CH111	-0.43	5.00	Pass
11be (EHT20)	CH97	0.94	5.00	Pass
11be (EHT20)	CH105	0.80	5.00	Pass
11be (EHT20)	CH113	0.91	5.00	Pass
11be (EHT40)	CH99	0.78	5.00	Pass
11be (EHT40)	CH107	1.03	5.00	Pass
11be (EHT40)	CH115	0.96	5.00	Pass
11be (EHT80)	CH103	1.29	5.00	Pass
11be (EHT80)	CH119	0.84	5.00	Pass
11be (EHT160)	CH111	-1.01	5.00	Pass

U-NII-7 (6525 - 6825MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH117	0.83	5.00	Pass
11ax (HE20) (SU)	CH153	1.17	5.00	Pass
11ax (HE20) (SU)	CH181	0.69	5.00	Pass
11ax (HE40) (SU)	CH123	1.24	5.00	Pass
11ax (HE40) (SU)	CH155	0.98	5.00	Pass
11ax (HE40) (SU)	CH179	0.99	5.00	Pass
11ax (HE80) (SU)	CH135	1.09	5.00	Pass
11ax (HE80) (SU)	CH151	1.22	5.00	Pass
11ax (HE80) (SU)	CH1167	1.32	5.00	Pass
11ax (HE160) (SU)	CH143	-1.30	5.00	Pass
11ax (HE160) (SU)	CH175	-1.54	5.00	Pass
11be (EHT20)	CH117	0.85	5.00	Pass
11be (EHT20)	CH153	0.90	5.00	Pass
11be (EHT20)	CH181	1.02	5.00	Pass
11be (EHT40)	CH123	1.06	5.00	Pass
11be (EHT40)	CH155	1.06	5.00	Pass
11be (EHT40)	CH179	0.62	5.00	Pass
11be (EHT80)	CH135	1.09	5.00	Pass
11be (EHT80)	CH151	1.18	5.00	Pass
11be (EHT80)	CH1167	1.34	5.00	Pass
11be (EHT160)	CH143	-1.94	5.00	Pass
11be (EHT160)	CH175	-2.15	5.00	Pass

U-NII-8 (6875 - 7125MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH185	0.81	5.00	Pass
11ax (HE20) (SU)	CH213	1.20	5.00	Pass
11ax (HE20) (SU)	CH229	0.86	5.00	Pass
11ax (HE20) (SU)	CH233	0.97	5.00	Pass
11ax (HE40) (SU)	CH187	0.73	5.00	Pass
11ax (HE40) (SU)	CH211	0.99	5.00	Pass
11ax (HE40) (SU)	CH227	0.97	5.00	Pass
11ax (HE80) (SU)	CH183	0.66	5.00	Pass
11ax (HE80) (SU)	CH199	0.67	5.00	Pass
11ax (HE80) (SU)	CH215	0.63	5.00	Pass
11ax (HE160) (SU)	CH207	-1.61	5.00	Pass
11be (EHT20)	CH185	0.71	5.00	Pass
11be (EHT20)	CH213	1.15	5.00	Pass
11be (EHT20)	CH229	0.82	5.00	Pass
11be (EHT20)	CH233	0.96	5.00	Pass
11be (EHT40)	CH187	0.48	5.00	Pass
11be (EHT40)	CH211	0.70	5.00	Pass
11be (EHT40)	CH227	0.72	5.00	Pass
11be (EHT80)	CH183	0.70	5.00	Pass
11be (EHT80)	CH199	0.63	5.00	Pass
11be (EHT80)	CH215	0.66	5.00	Pass
11be (EHT160)	CH207	-2.12	5.00	Pass

Aux. Antenna:

U-NII-5 (5925 - 6425MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH1	1.09	5.00	Pass
11ax (HE20) (SU)	CH45	0.60	5.00	Pass
11ax (HE20) (SU)	CH93	0.87	5.00	Pass
11ax (HE40) (SU)	CH3	1.13	5.00	Pass
11ax (HE40) (SU)	CH43	0.49	5.00	Pass
11ax (HE40) (SU)	CH91	1.09	5.00	Pass
11ax (HE80) (SU)	CH7	0.75	5.00	Pass
11ax (HE80) (SU)	CH39	-0.01	5.00	Pass
11ax (HE80) (SU)	CH87	0.47	5.00	Pass
11ax (HE160) (SU)	CH15	-1.72	5.00	Pass
11ax (HE160) (SU)	CH47	-2.29	5.00	Pass
11ax (HE160) (SU)	CH79	-2.12	5.00	Pass
11be (EHT20)	CH1	-1.43	5.00	Pass
11be (EHT20)	CH45	0.70	5.00	Pass
11be (EHT20)	CH93	0.98	5.00	Pass
11be (EHT40)	CH3	1.10	5.00	Pass
11be (EHT40)	CH43	0.35	5.00	Pass
11be (EHT40)	CH91	0.83	5.00	Pass
11be (EHT80)	CH7	0.85	5.00	Pass
11be (EHT80)	CH39	-0.02	5.00	Pass
11be (EHT80)	CH87	0.48	5.00	Pass
11be (EHT160)	CH15	-2.58	5.00	Pass
11be (EHT160)	CH47	-2.91	5.00	Pass
11be (EHT160)	CH79	-3.52	5.00	Pass

U-NII-6 (6425 - 6525MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH97	0.78	5.00	Pass
11ax (HE20) (SU)	CH105	1.14	5.00	Pass
11ax (HE20) (SU)	CH113	0.86	5.00	Pass
11ax (HE40) (SU)	CH99	0.71	5.00	Pass
11ax (HE40) (SU)	CH107	1.02	5.00	Pass
11ax (HE40) (SU)	CH115	0.67	5.00	Pass
11ax (HE80) (SU)	CH103	0.52	5.00	Pass
11ax (HE80) (SU)	CH119	0.39	5.00	Pass
11ax (HE160) (SU)	CH111	-1.94	5.00	Pass
11be (EHT20)	CH97	0.76	5.00	Pass
11be (EHT20)	CH105	1.21	5.00	Pass
11be (EHT20)	CH113	0.88	5.00	Pass
11be (EHT40)	CH99	0.42	5.00	Pass
11be (EHT40)	CH107	0.73	5.00	Pass
11be (EHT40)	CH115	0.35	5.00	Pass
11be (EHT80)	CH103	0.53	5.00	Pass
11be (EHT80)	CH119	0.40	5.00	Pass
11be (EHT160)	CH111	-2.47	5.00	Pass

U-NII-7 (6525 - 6825MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH117	0.84	5.00	Pass
11ax (HE20) (SU)	CH153	1.21	5.00	Pass
11ax (HE20) (SU)	CH181	1.18	5.00	Pass
11ax (HE40) (SU)	CH123	0.70	5.00	Pass
11ax (HE40) (SU)	CH155	0.99	5.00	Pass
11ax (HE40) (SU)	CH179	1.09	5.00	Pass
11ax (HE80) (SU)	CH135	0.98	5.00	Pass
11ax (HE80) (SU)	CH151	1.14	5.00	Pass
11ax (HE80) (SU)	CH1167	0.31	5.00	Pass
11ax (HE160) (SU)	CH143	-1.43	5.00	Pass
11ax (HE160) (SU)	CH175	-2.59	5.00	Pass
11be (EHT20)	CH117	0.76	5.00	Pass
11be (EHT20)	CH153	1.20	5.00	Pass
11be (EHT20)	CH181	1.19	5.00	Pass
11be (EHT40)	CH123	0.56	5.00	Pass
11be (EHT40)	CH155	0.70	5.00	Pass
11be (EHT40)	CH179	0.80	5.00	Pass
11be (EHT80)	CH135	1.04	5.00	Pass
11be (EHT80)	CH151	0.59	5.00	Pass
11be (EHT80)	CH1167	0.35	5.00	Pass
11be (EHT160)	CH143	-2.92	5.00	Pass
11be (EHT160)	CH175	-4.31	5.00	Pass

U-NII-8 (6875 - 7125MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH185	0.96	5.00	Pass
11ax (HE20) (SU)	CH213	0.43	5.00	Pass
11ax (HE20) (SU)	CH229	0.59	5.00	Pass
11ax (HE20) (SU)	CH233	1.04	5.00	Pass
11ax (HE40) (SU)	CH187	1.06	5.00	Pass
11ax (HE40) (SU)	CH211	0.13	5.00	Pass
11ax (HE40) (SU)	CH227	0.65	5.00	Pass
11ax (HE80) (SU)	CH183	-0.16	5.00	Pass
11ax (HE80) (SU)	CH199	-0.81	5.00	Pass
11ax (HE80) (SU)	CH215	-1.78	5.00	Pass
11ax (HE160) (SU)	CH207	-3.16	5.00	Pass
11be (EHT20)	CH185	0.93	5.00	Pass
11be (EHT20)	CH213	0.41	5.00	Pass
11be (EHT20)	CH229	0.57	5.00	Pass
11be (EHT20)	CH233	1.11	5.00	Pass
11be (EHT40)	CH187	0.85	5.00	Pass
11be (EHT40)	CH211	-0.12	5.00	Pass
11be (EHT40)	CH227	-0.28	5.00	Pass
11be (EHT80)	CH183	-0.06	5.00	Pass
11be (EHT80)	CH199	-0.74	5.00	Pass
11be (EHT80)	CH215	-1.73	5.00	Pass
11be (EHT160)	CH207	-4.10	5.00	Pass

MIMO Antenna:

U-NII-5 (5925 - 6425MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH1	4.07	5.00	Pass
11ax (HE20) (SU)	CH45	3.92	5.00	Pass
11ax (HE20) (SU)	CH93	4.06	5.00	Pass
11ax (HE40) (SU)	CH3	4.04	5.00	Pass
11ax (HE40) (SU)	CH43	3.86	5.00	Pass
11ax (HE40) (SU)	CH91	4.04	5.00	Pass
11ax (HE80) (SU)	CH7	3.82	5.00	Pass
11ax (HE80) (SU)	CH39	3.63	5.00	Pass
11ax (HE80) (SU)	CH87	3.73	5.00	Pass
11ax (HE160) (SU)	CH15	1.96	5.00	Pass
11ax (HE160) (SU)	CH47	2.26	5.00	Pass
11ax (HE160) (SU)	CH79	1.74	5.00	Pass
11be (EHT20)	CH1	4.02	5.00	Pass
11be (EHT20)	CH45	3.94	5.00	Pass
11be (EHT20)	CH93	4.11	5.00	Pass
11be (EHT40)	CH3	3.88	5.00	Pass
11be (EHT40)	CH43	3.65	5.00	Pass
11be (EHT40)	CH91	3.82	5.00	Pass
11be (EHT80)	CH7	3.91	5.00	Pass
11be (EHT80)	CH39	3.65	5.00	Pass
11be (EHT80)	CH87	3.80	5.00	Pass
11be (EHT160)	CH15	1.68	5.00	Pass
11be (EHT160)	CH47	1.20	5.00	Pass
11be (EHT160)	CH79	0.87	5.00	Pass

U-NII-6 (6425 - 6525MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH97	3.86	5.00	Pass
11ax (HE20) (SU)	CH105	3.99	5.00	Pass
11ax (HE20) (SU)	CH113	3.89	5.00	Pass
11ax (HE40) (SU)	CH99	3.83	5.00	Pass
11ax (HE40) (SU)	CH107	4.15	5.00	Pass
11ax (HE40) (SU)	CH115	3.96	5.00	Pass
11ax (HE80) (SU)	CH103	3.91	5.00	Pass
11ax (HE80) (SU)	CH119	3.63	5.00	Pass
11ax (HE160) (SU)	CH111	1.89	5.00	Pass
11be (EHT20)	CH97	3.86	5.00	Pass
11be (EHT20)	CH105	4.02	5.00	Pass
11be (EHT20)	CH113	3.91	5.00	Pass
11be (EHT40)	CH99	3.61	5.00	Pass
11be (EHT40)	CH107	3.89	5.00	Pass
11be (EHT40)	CH115	3.71	5.00	Pass
11be (EHT80)	CH103	3.94	5.00	Pass
11be (EHT80)	CH119	3.63	5.00	Pass
11be (EHT160)	CH111	1.33	5.00	Pass

U-NII-7 (6525 - 6825MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH117	3.85	5.00	Pass
11ax (HE20) (SU)	CH153	4.20	5.00	Pass
11ax (HE20) (SU)	CH181	3.95	5.00	Pass
11ax (HE40) (SU)	CH123	3.99	5.00	Pass
11ax (HE40) (SU)	CH155	3.99	5.00	Pass
11ax (HE40) (SU)	CH179	4.05	5.00	Pass
11ax (HE80) (SU)	CH135	4.04	5.00	Pass
11ax (HE80) (SU)	CH151	4.19	5.00	Pass
11ax (HE80) (SU)	CH1167	3.85	5.00	Pass
11ax (HE160) (SU)	CH143	1.64	5.00	Pass
11ax (HE160) (SU)	CH175	0.98	5.00	Pass
11be (EHT20)	CH117	3.81	5.00	Pass
11be (EHT20)	CH153	4.06	5.00	Pass
11be (EHT20)	CH181	4.12	5.00	Pass
11be (EHT40)	CH123	3.82	5.00	Pass
11be (EHT40)	CH155	3.89	5.00	Pass
11be (EHT40)	CH179	3.72	5.00	Pass
11be (EHT80)	CH135	4.07	5.00	Pass
11be (EHT80)	CH151	3.90	5.00	Pass
11be (EHT80)	CH1167	3.88	5.00	Pass
11be (EHT160)	CH143	0.61	5.00	Pass
11be (EHT160)	CH175	-0.09	5.00	Pass

U-NII-8 (6875 - 7125MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11ax (HE20) (SU)	CH185	3.90	5.00	Pass
11ax (HE20) (SU)	CH213	3.84	5.00	Pass
11ax (HE20) (SU)	CH229	3.74	5.00	Pass
11ax (HE20) (SU)	CH233	4.02	5.00	Pass
11ax (HE40) (SU)	CH187	3.91	5.00	Pass
11ax (HE40) (SU)	CH211	3.59	5.00	Pass
11ax (HE40) (SU)	CH227	3.82	5.00	Pass
11ax (HE80) (SU)	CH183	3.28	5.00	Pass
11ax (HE80) (SU)	CH199	3.00	5.00	Pass
11ax (HE80) (SU)	CH215	2.60	5.00	Pass
11ax (HE160) (SU)	CH207	0.69	5.00	Pass
11be (EHT20)	CH185	3.83	5.00	Pass
11be (EHT20)	CH213	3.81	5.00	Pass
11be (EHT20)	CH229	3.71	5.00	Pass
11be (EHT20)	CH233	4.05	5.00	Pass
11be (EHT40)	CH187	3.68	5.00	Pass
11be (EHT40)	CH211	3.32	5.00	Pass
11be (EHT40)	CH227	3.26	5.00	Pass
11be (EHT80)	CH183	3.35	5.00	Pass
11be (EHT80)	CH199	3.01	5.00	Pass
11be (EHT80)	CH215	2.64	5.00	Pass
11be (EHT160)	CH207	0.00	5.00	Pass

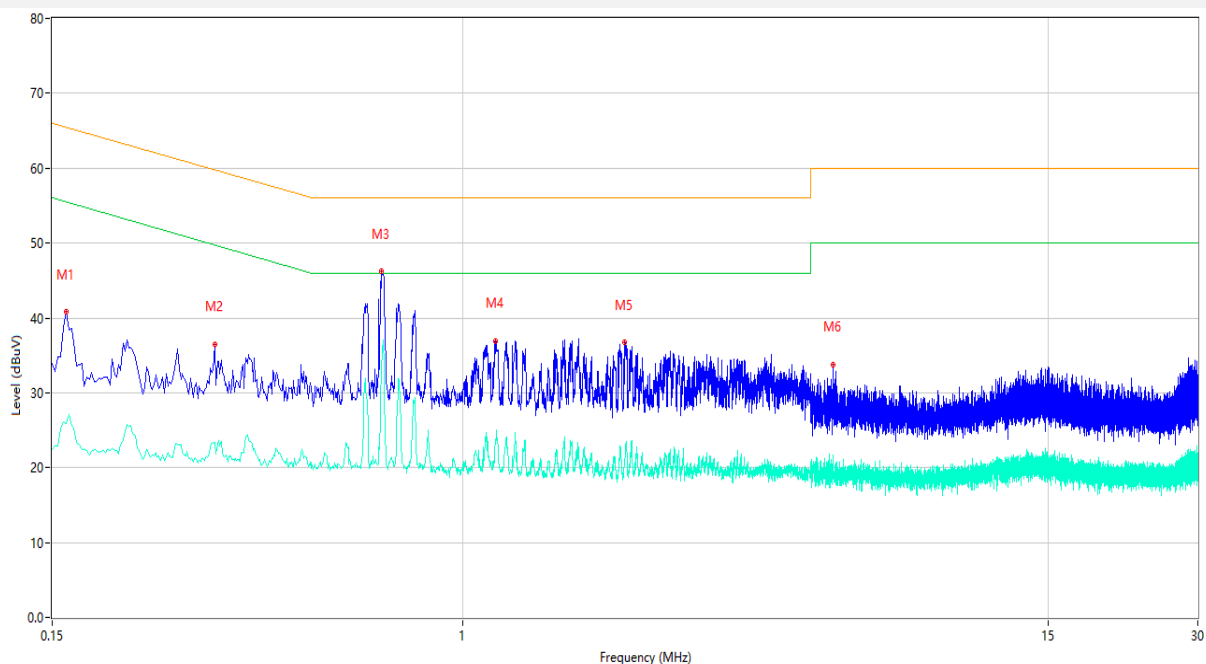
A.4 Conducted Emission

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

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

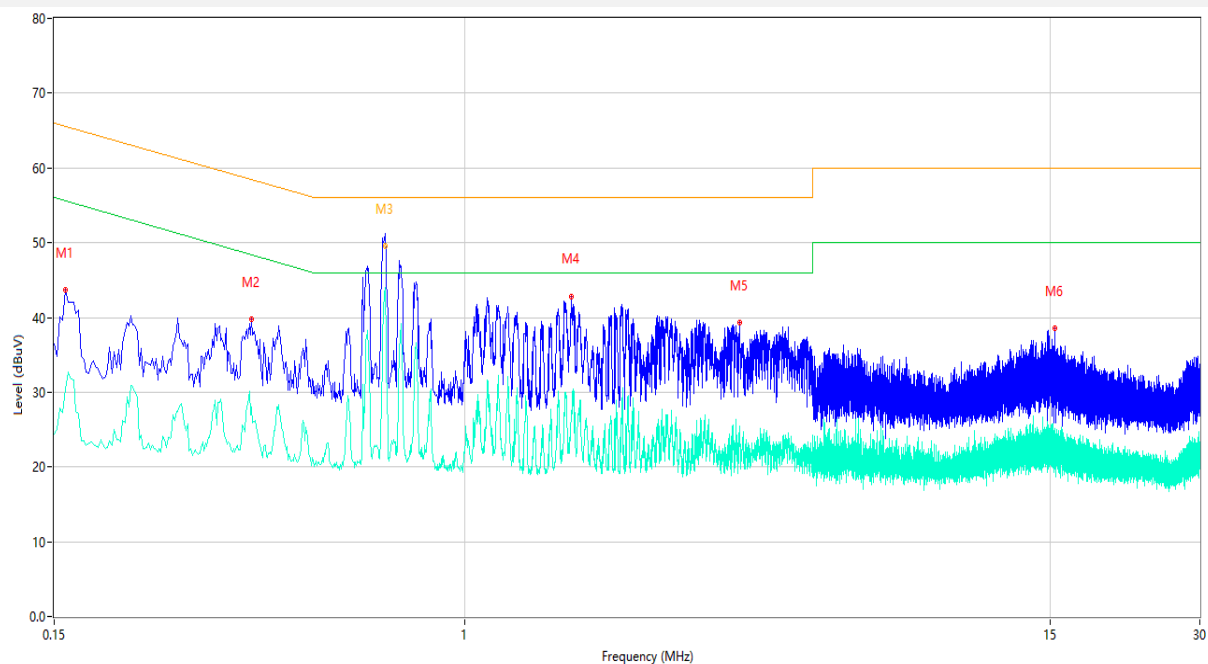
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.160	40.87	9.75	65.46	24.59	Peak	L	Pass
1**	0.160	25.85	9.75	55.46	29.61	AV	L	Pass
2	0.318	36.52	9.74	59.76	23.24	Peak	L	Pass
2**	0.318	23.41	9.74	49.76	26.35	AV	L	Pass
3	0.688	46.23	9.72	56.00	9.77	Peak	L	Pass
3**	0.688	33.28	9.72	46.00	12.72	AV	L	Pass
4	1.164	36.98	9.70	56.00	19.02	Peak	L	Pass
4**	1.164	23.58	9.70	46.00	22.42	AV	L	Pass
5	2.118	36.81	9.68	56.00	19.19	Peak	L	Pass
5**	2.118	20.58	9.68	46.00	25.42	AV	L	Pass
6	5.546	33.80	9.62	60.00	26.20	Peak	L	Pass
6**	5.546	21.74	9.62	50.00	28.26	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.158	43.73	9.70	65.57	21.84	Peak	N	Pass
1**	0.158	30.46	9.70	55.57	25.11	AV	N	Pass
2	0.374	39.72	9.78	58.41	18.69	Peak	N	Pass
2**	0.374	28.07	9.78	48.41	20.34	AV	N	Pass
3	0.692	51.14	9.88	56.00	4.86	Peak	N	Pass
3*	0.692	49.53	9.88	56.00	6.47	QP	N	Pass
3**	0.692	44.00	9.88	46.00	2.00	AV	N	Pass
4	1.642	42.84	9.86	56.00	13.16	Peak	N	Pass
4**	1.642	26.90	9.86	46.00	19.10	AV	N	Pass
5	3.570	39.27	9.84	56.00	16.73	Peak	N	Pass
5**	3.570	23.35	9.84	46.00	22.65	AV	N	Pass
6	15.324	38.53	9.49	60.00	21.47	Peak	N	Pass
6**	15.324	24.83	9.49	50.00	25.17	AV	N	Pass

A.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

A.5.1 Radiated Spurious Emissions

Test Data

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

Note 2: For the test data above 1 GHz, According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

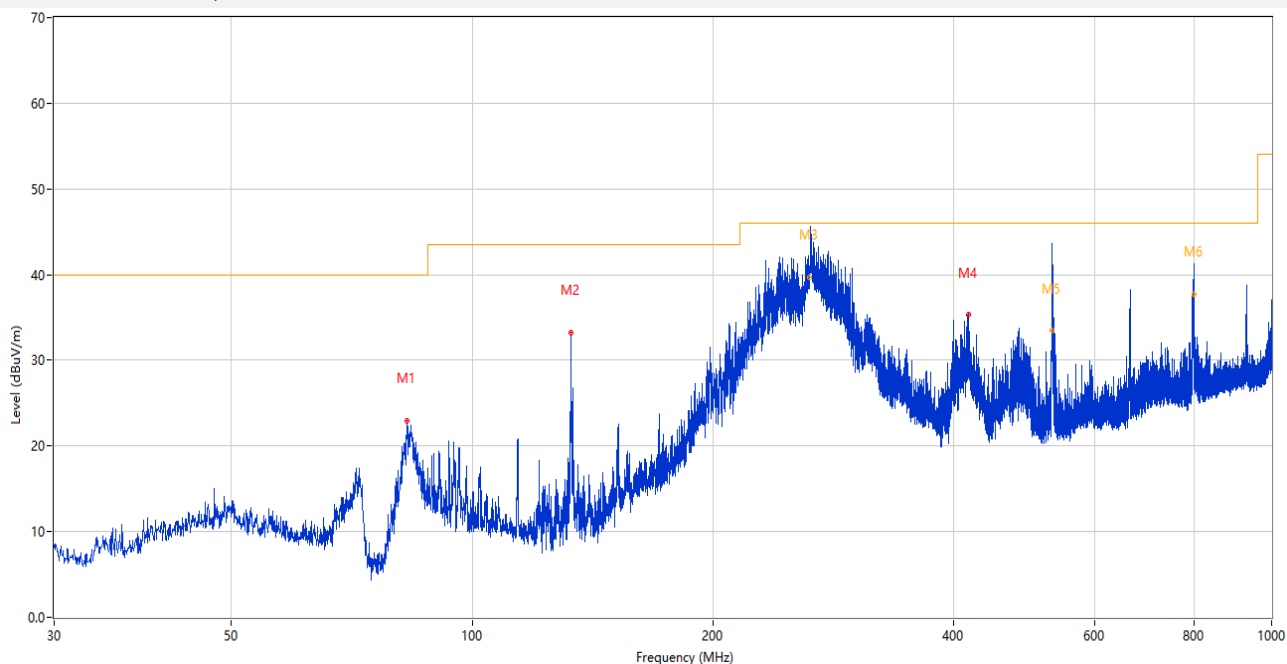
Note 3: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

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

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

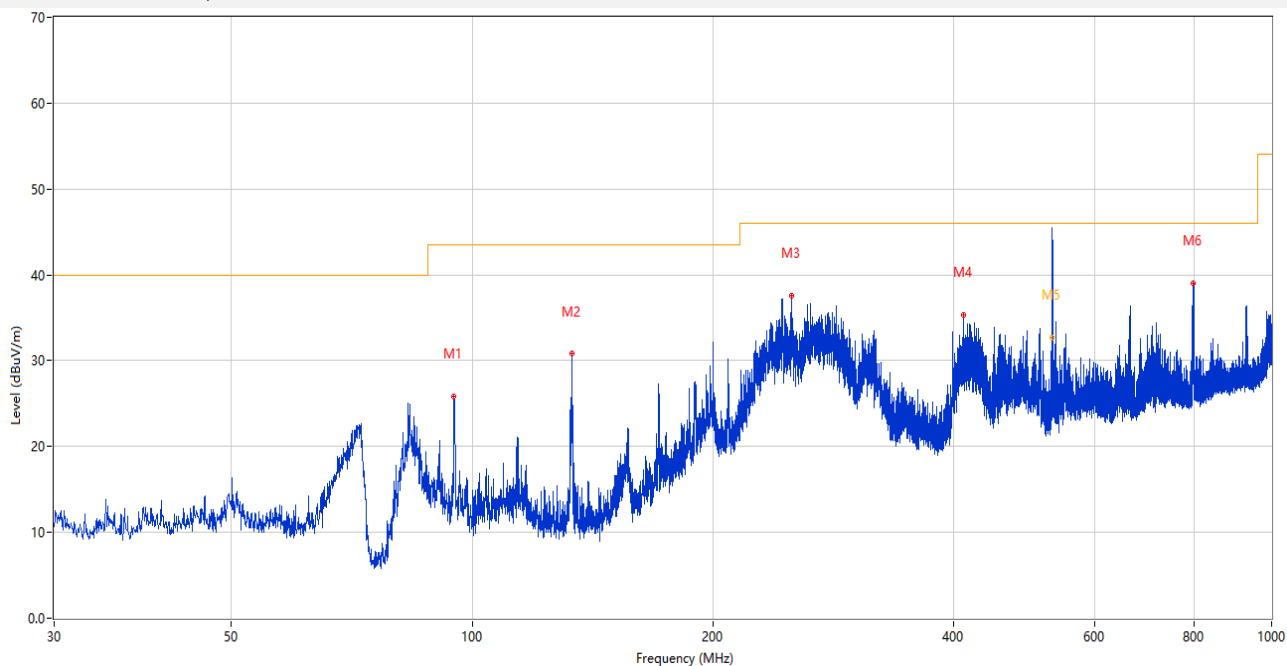
Main Antenna:

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	82.865	22.90	-30.40	40.0	17.10	Peak	175.00	200	Horizontal	Pass
2	133.014	33.22	-29.21	43.5	10.28	Peak	255.00	200	Horizontal	Pass
3	264.426	46.36	-24.12	46.0	-0.36	Peak	163.00	107	Horizontal	N/A
3*	264.426	39.53	-24.12	46.0	6.47	QP	163.00	107	Horizontal	Pass
4	417.078	35.36	-19.93	46.0	10.64	Peak	65.00	200	Horizontal	Pass
5	531.255	47.13	-17.42	46.0	-1.13	Peak	34.00	193	Horizontal	N/A
5*	531.255	33.52	-17.42	46.0	12.48	QP	34.00	193	Horizontal	Pass
6	799.472	43.72	-11.62	46.0	2.28	Peak	206.00	108	Horizontal	N/A
6*	799.472	37.73	-11.62	46.0	8.27	QP	206.00	108	Horizontal	Pass

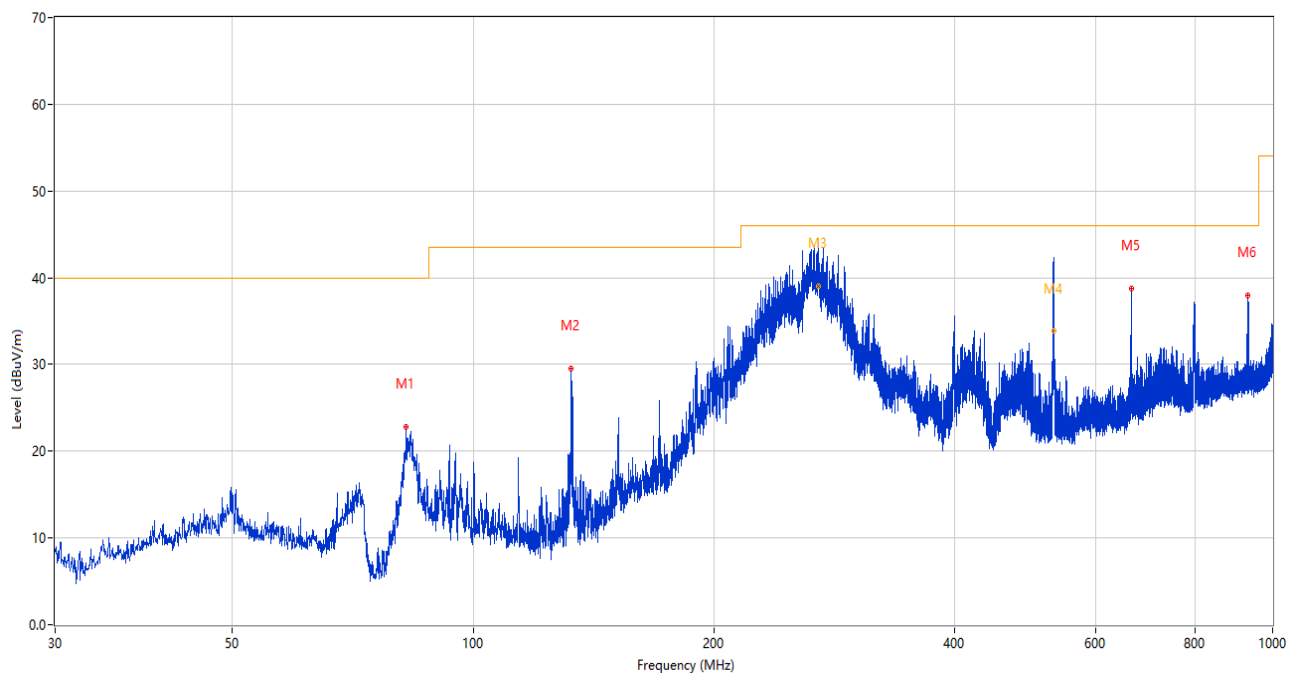
30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	94.893	25.90	-26.75	43.5	17.60	Peak	22.00	100	Vertical	Pass
2	133.257	30.78	-29.22	43.5	12.72	Peak	0.00	100	Vertical	Pass
3	251.063	37.63	-24.05	46.0	8.37	Peak	190.00	200	Vertical	Pass
4	411.453	35.31	-20.16	46.0	10.69	Peak	0.00	100	Vertical	Pass
5	531.261	47.94	-17.42	46.0	-1.94	Peak	346.00	107	Vertical	N/A
5*	531.261	32.72	-17.42	46.0	13.28	QP	346.00	107	Vertical	Pass
6	798.482	39.00	-11.69	46.0	7.00	Peak	130.00	100	Vertical	Pass

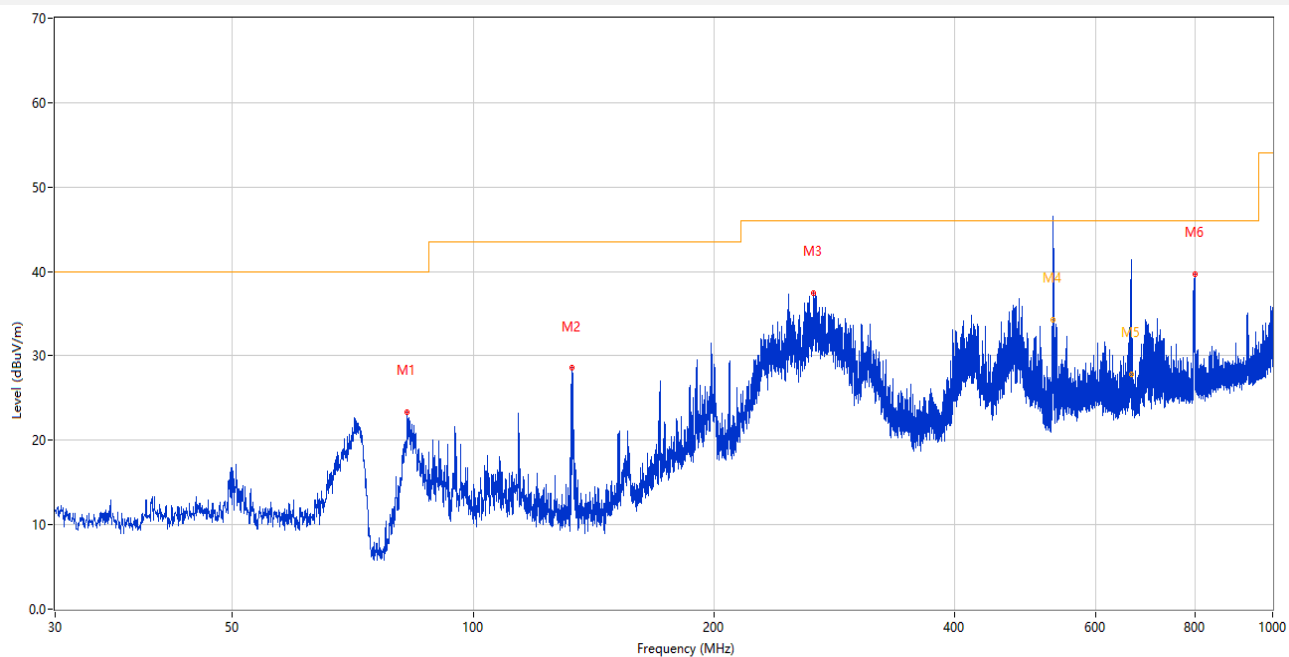
Aux. Antenna:

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	82.477	22.84	-30.49	40.0	17.16	Peak	180.00	200	Horizontal	Pass
2	132.674	29.51	-29.20	43.5	13.99	Peak	90.00	200	Horizontal	Pass
3	270.358	45.33	-24.08	46.0	0.67	Peak	174.00	100	Horizontal	N/A
3*	270.358	39.03	-24.08	46.0	6.97	QP	174.00	100	Horizontal	Pass
4	532.659	48.68	-17.37	46.0	-2.68	Peak	199.00	200	Horizontal	N/A
4*	532.659	33.86	-17.37	46.0	12.14	QP	199.00	200	Horizontal	Pass
5	665.593	38.71	-14.37	46.0	7.29	Peak	360.00	100	Horizontal	Pass
6	930.596	37.91	-8.80	46.0	8.09	Peak	235.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V

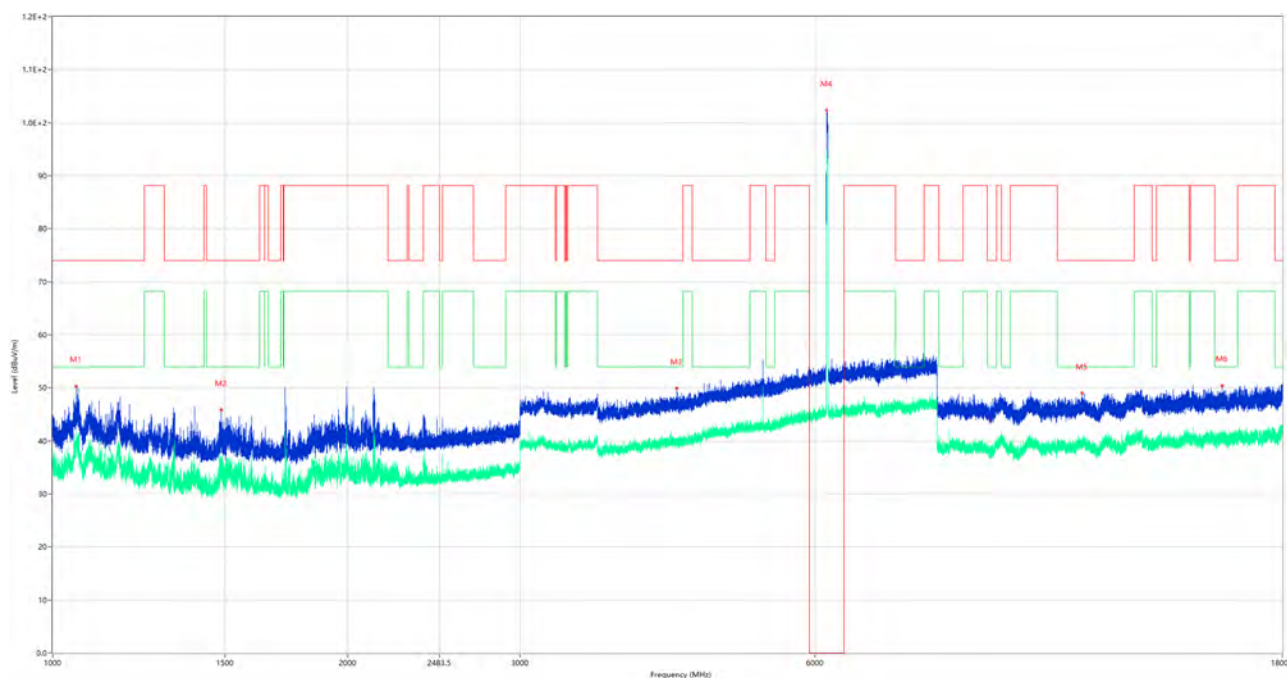


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	82.719	23.37	-30.43	40.0	16.63	Peak	33.00	100	Vertical	Pass
2	132.723	28.55	-29.20	43.5	14.95	Peak	217.00	200	Vertical	Pass
3	266.680	37.45	-24.10	46.0	8.55	Peak	149.00	100	Vertical	Pass
4	531.659	46.57	-17.42	46.0	-0.57	Peak	360.00	113	Vertical	N/A
4*	531.659	34.28	-17.42	46.0	11.72	QP	360.00	113	Vertical	Pass
5	666.289	41.65	-14.38	46.0	4.35	Peak	320.00	100	Vertical	N/A
5*	666.289	27.83	-14.38	46.0	18.17	QP	320.00	100	Vertical	Pass
6	799.841	39.71	-11.66	46.0	6.29	Peak	130.00	100	Vertical	Pass

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

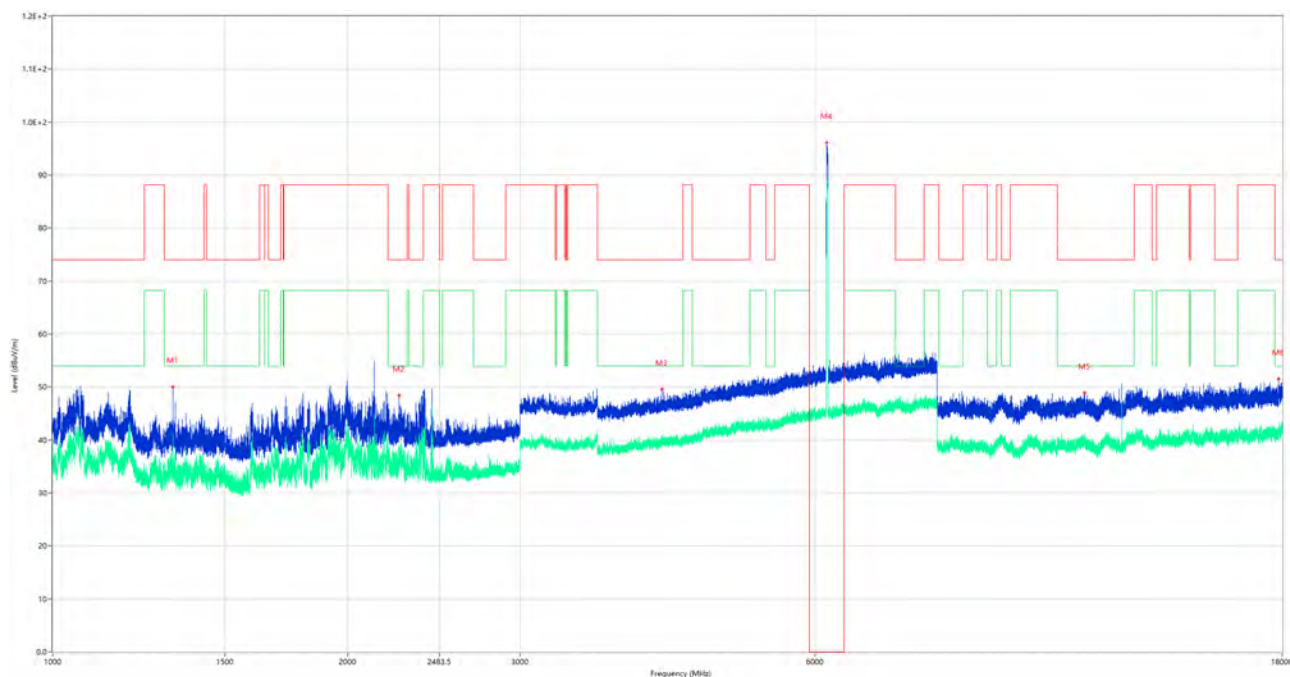
Main Antenna:

11ax20(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



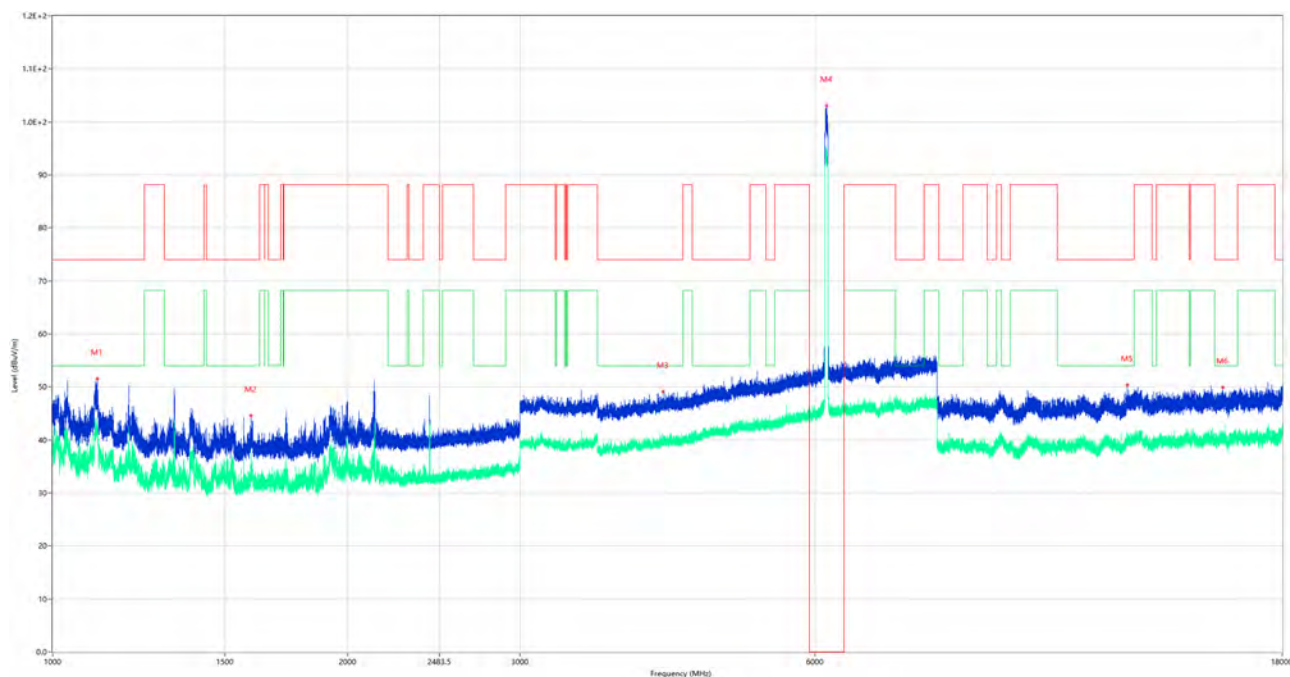
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.300	50.32	-16.34	74.0	23.68	Peak	210.00	150	Horizontal	Pass
1**	1057.300	40.41	-16.34	54.0	13.59	AV	210.00	150	Horizontal	Pass
2	1486.800	45.85	-16.33	74.0	28.15	Peak	197.00	150	Horizontal	Pass
2**	1486.800	34.50	-16.33	54.0	19.50	AV	197.00	150	Horizontal	Pass
3	4335.500	49.96	-2.38	74.0	24.04	Peak	331.00	150	Horizontal	Pass
3**	4335.500	39.64	-2.38	54.0	14.36	AV	331.00	150	Horizontal	Pass
4	6167.750	102.43	1.38	--	5.57	Peak	108.00	150	Horizontal	N/A
4**	6167.750	92.90	1.38	--	-92.90	AV	108.00	150	Horizontal	N/A
5	11247.100	49.05	-1.39	74.0	24.95	Peak	0.00	150	Horizontal	Pass
5**	11247.100	39.60	-1.39	54.0	14.40	AV	0.00	150	Horizontal	Pass
6	15634.088	50.40	0.90	74.0	23.60	Peak	276.00	150	Horizontal	Pass
6**	15634.088	40.69	0.90	54.0	13.31	AV	276.00	150	Horizontal	Pass

11ax20(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



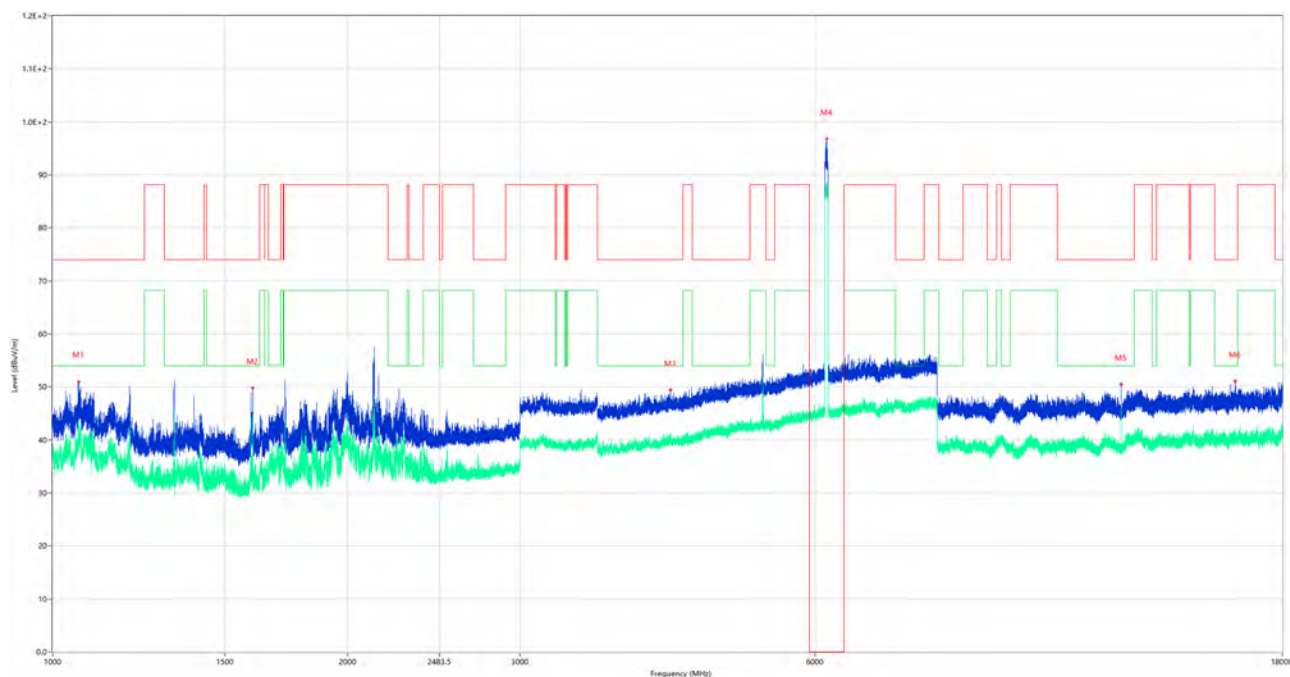
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.300	50.03	-16.27	74.0	23.97	Peak	113.00	150	Vertical	Pass
1**	1327.300	35.58	-16.27	54.0	18.42	AV	113.00	150	Vertical	Pass
2	2257.200	48.47	-12.79	74.0	25.53	Peak	135.00	150	Vertical	Pass
2**	2257.200	37.73	-12.79	54.0	16.27	AV	135.00	150	Vertical	Pass
3	4188.500	49.56	-2.86	74.0	24.44	Peak	93.00	150	Vertical	Pass
3**	4188.500	39.43	-2.86	54.0	14.57	AV	93.00	150	Vertical	Pass
4	6170.750	96.15	1.29	--	164.85	Peak	261.00	150	Vertical	N/A
4**	6170.750	87.97	1.29	--	-87.97	AV	261.00	150	Vertical	N/A
5	11313.838	48.86	-1.34	74.0	25.14	Peak	100.00	150	Vertical	Pass
5**	11313.838	40.15	-1.34	54.0	13.85	AV	100.00	150	Vertical	Pass
6	17856.150	51.50	4.27	74.0	22.50	Peak	242.00	150	Vertical	Pass
6**	17856.150	42.28	4.27	54.0	11.72	AV	242.00	150	Vertical	Pass

11ax40(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



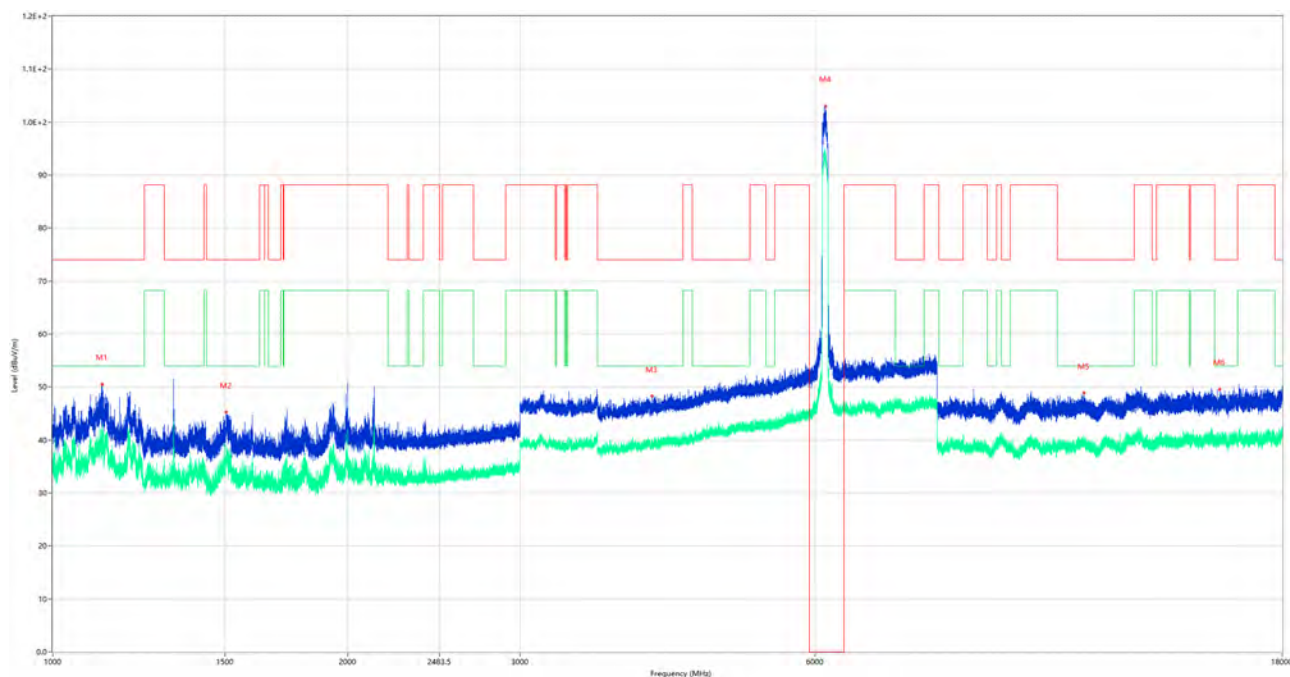
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1111.100	51.52	-16.46	74.0	22.48	Peak	194.00	150	Horizontal	Pass
1**	1111.100	41.16	-16.46	54.0	12.84	AV	194.00	150	Horizontal	Pass
2	1593.000	44.63	-16.31	74.0	29.37	Peak	194.00	150	Horizontal	Pass
2**	1593.000	32.49	-16.31	54.0	21.51	AV	194.00	150	Horizontal	Pass
3	4200.750	49.12	-2.43	74.0	24.88	Peak	261.00	150	Horizontal	Pass
3**	4200.750	39.40	-2.43	54.0	14.60	AV	261.00	150	Horizontal	Pass
4	6171.250	103.03	1.30	--	4.97	Peak	108.00	150	Horizontal	N/A
4**	6171.250	93.55	1.30	--	-93.55	AV	108.00	150	Horizontal	N/A
5	12496.588	50.34	0.22	74.0	23.66	Peak	339.00	150	Horizontal	Pass
5**	12496.588	39.98	0.22	54.0	14.02	AV	339.00	150	Horizontal	Pass
6	15658.500	49.91	1.62	74.0	24.09	Peak	205.00	150	Horizontal	Pass
6**	15658.500	40.16	1.62	54.0	13.84	AV	205.00	150	Horizontal	Pass

11ax40(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



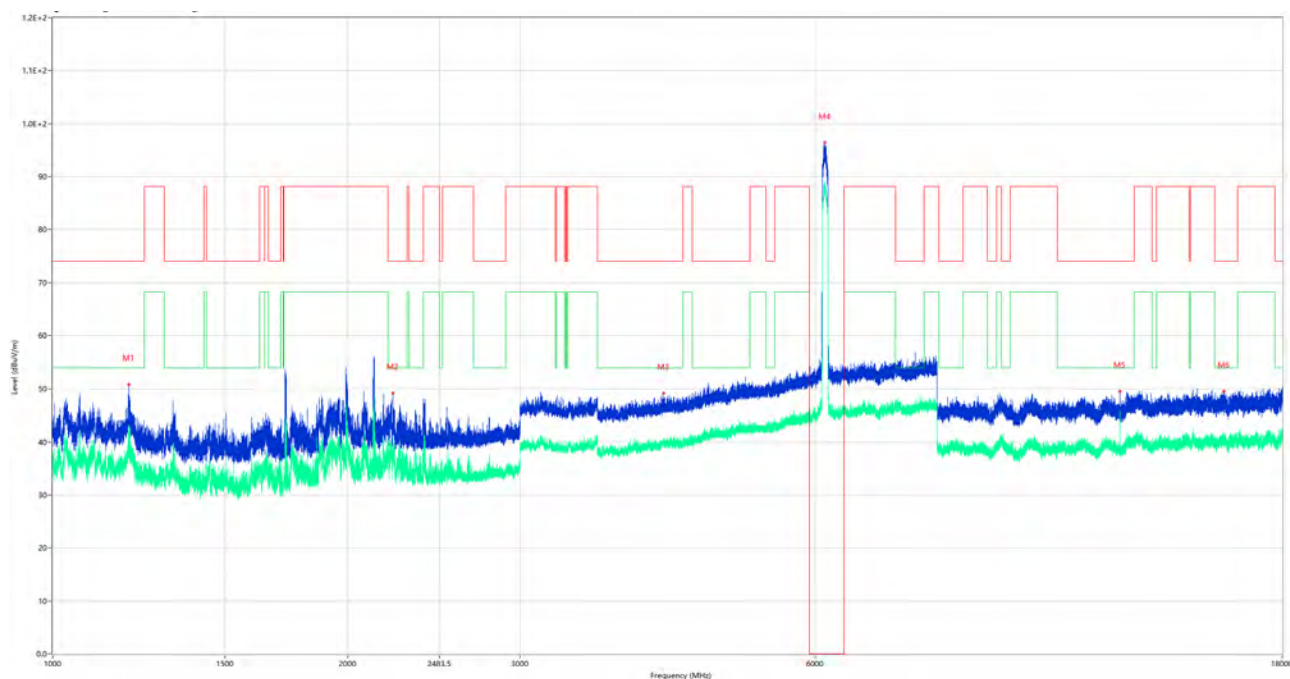
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.700	51.01	-16.24	74.0	22.99	Peak	240.00	150	Vertical	Pass
1**	1063.700	42.12	-16.24	54.0	11.88	AV	240.00	150	Vertical	Pass
2	1599.800	49.79	-16.28	74.0	24.21	Peak	132.00	150	Vertical	Pass
2**	1599.800	33.43	-16.28	54.0	20.57	AV	132.00	150	Vertical	Pass
3	4276.250	49.51	-2.38	74.0	24.49	Peak	310.00	150	Vertical	Pass
3**	4276.250	39.75	-2.38	54.0	14.25	AV	310.00	150	Vertical	Pass
4	6166.500	96.83	1.39	--	163.17	Peak	260.00	150	Vertical	N/A
4**	6166.500	86.84	1.39	--	-86.84	AV	260.00	150	Vertical	N/A
5	12329.862	50.54	-0.70	74.0	23.46	Peak	0.00	150	Vertical	Pass
5**	12329.862	45.52	-0.70	54.0	8.48	AV	0.00	150	Vertical	Pass
6	16111.575	51.12	1.77	74.0	22.88	Peak	1.00	150	Vertical	Pass
6**	16111.575	40.36	1.77	54.0	13.64	AV	1.00	150	Vertical	Pass

11ax80(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



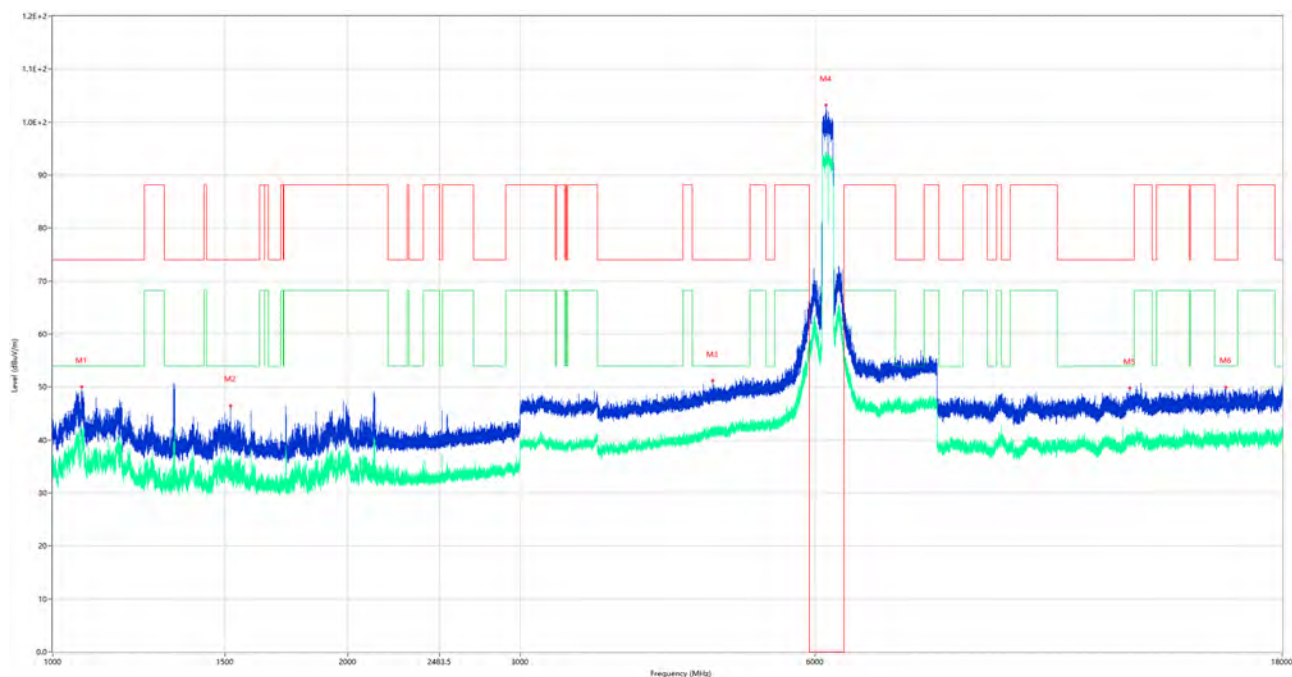
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1123.600	50.48	-16.40	74.0	23.52	Peak	192.00	150	Horizontal	Pass
1**	1123.600	40.16	-16.40	54.0	13.84	AV	192.00	150	Horizontal	Pass
2	1503.600	45.32	-16.25	74.0	28.68	Peak	185.00	150	Horizontal	Pass
2**	1503.600	37.44	-16.25	54.0	16.56	AV	185.00	150	Horizontal	Pass
3	4090.500	48.33	-3.77	74.0	25.67	Peak	243.00	150	Horizontal	Pass
3**	4090.500	38.78	-3.77	54.0	15.22	AV	243.00	150	Horizontal	Pass
4	6147.500	103.01	1.43	--	3.99	Peak	107.00	150	Horizontal	N/A
4**	6147.500	94.08	1.43	--	-94.08	AV	107.00	150	Horizontal	N/A
5	11298.162	48.83	-1.63	74.0	25.17	Peak	246.00	150	Horizontal	Pass
5**	11298.162	39.50	-1.63	54.0	14.50	AV	246.00	150	Horizontal	Pass
6	15540.901	49.60	0.57	74.0	24.40	Peak	239.00	150	Horizontal	Pass
6**	15540.901	39.96	0.57	54.0	14.04	AV	239.00	150	Horizontal	Pass

11ax80(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



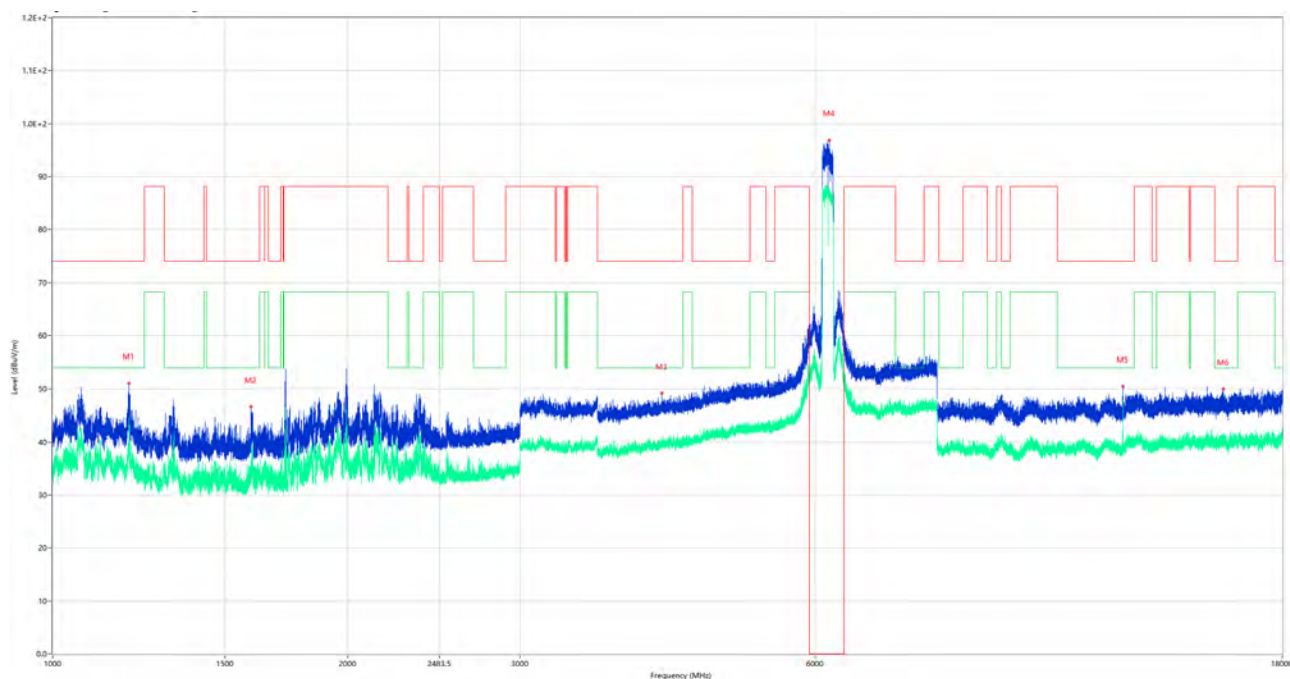
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.100	50.85	-16.19	74.0	23.15	Peak	0.00	150	Vertical	Pass
1**	1196.100	37.03	-16.19	54.0	16.97	AV	0.00	150	Vertical	Pass
2	2226.200	49.18	-13.07	74.0	24.82	Peak	114.00	150	Vertical	Pass
2**	2226.200	37.35	-13.07	54.0	16.65	AV	114.00	150	Vertical	Pass
3	4207.750	49.19	-2.25	74.0	24.81	Peak	108.00	150	Vertical	Pass
3**	4207.750	39.35	-2.25	54.0	14.65	AV	108.00	150	Vertical	Pass
4	6138.000	96.33	1.14	--	181.67	Peak	278.00	150	Vertical	N/A
4**	6138.000	87.83	1.14	--	-87.83	AV	278.00	150	Vertical	N/A
5	12289.963	49.61	-1.35	74.0	24.39	Peak	360.00	150	Vertical	Pass
5**	12289.963	45.21	-1.35	54.0	8.79	AV	360.00	150	Vertical	Pass
6	15699.974	49.59	1.25	74.0	24.41	Peak	35.00	150	Vertical	Pass
6**	15699.974	40.01	1.25	54.0	13.99	AV	35.00	150	Vertical	Pass

11ax160(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



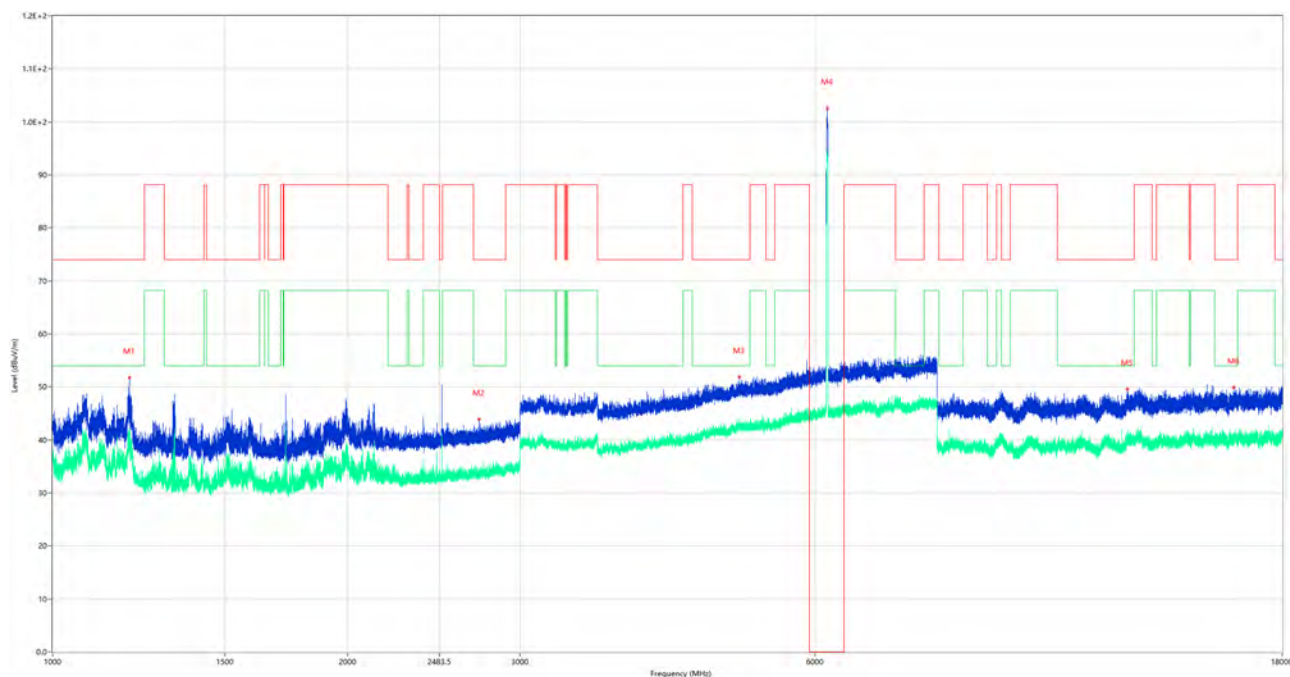
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1071.300	50.00	-16.23	74.0	24.00	Peak	218.00	150	Horizontal	Pass
1**	1071.300	39.87	-16.23	54.0	14.13	AV	218.00	150	Horizontal	Pass
2	1518.100	46.50	-16.31	74.0	27.50	Peak	190.00	150	Horizontal	Pass
2**	1518.100	35.86	-16.31	54.0	18.14	AV	190.00	150	Horizontal	Pass
3	4722.000	51.23	-1.79	74.0	22.77	Peak	360.00	150	Horizontal	Pass
3**	4722.000	41.56	-1.79	54.0	12.44	AV	360.00	150	Horizontal	Pass
4	6162.000	103.23	1.46	--	6.77	Peak	110.00	150	Horizontal	N/A
4**	6162.000	92.44	1.46	--	-92.44	AV	110.00	150	Horizontal	N/A
5	12582.563	49.85	-0.08	74.0	24.15	Peak	360.00	150	Horizontal	Pass
5**	12582.563	40.01	-0.08	54.0	13.99	AV	360.00	150	Horizontal	Pass
6	15767.700	49.90	1.04	74.0	24.10	Peak	207.00	150	Horizontal	Pass
6**	15767.700	39.77	1.04	54.0	14.23	AV	207.00	150	Horizontal	Pass

11ax160(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



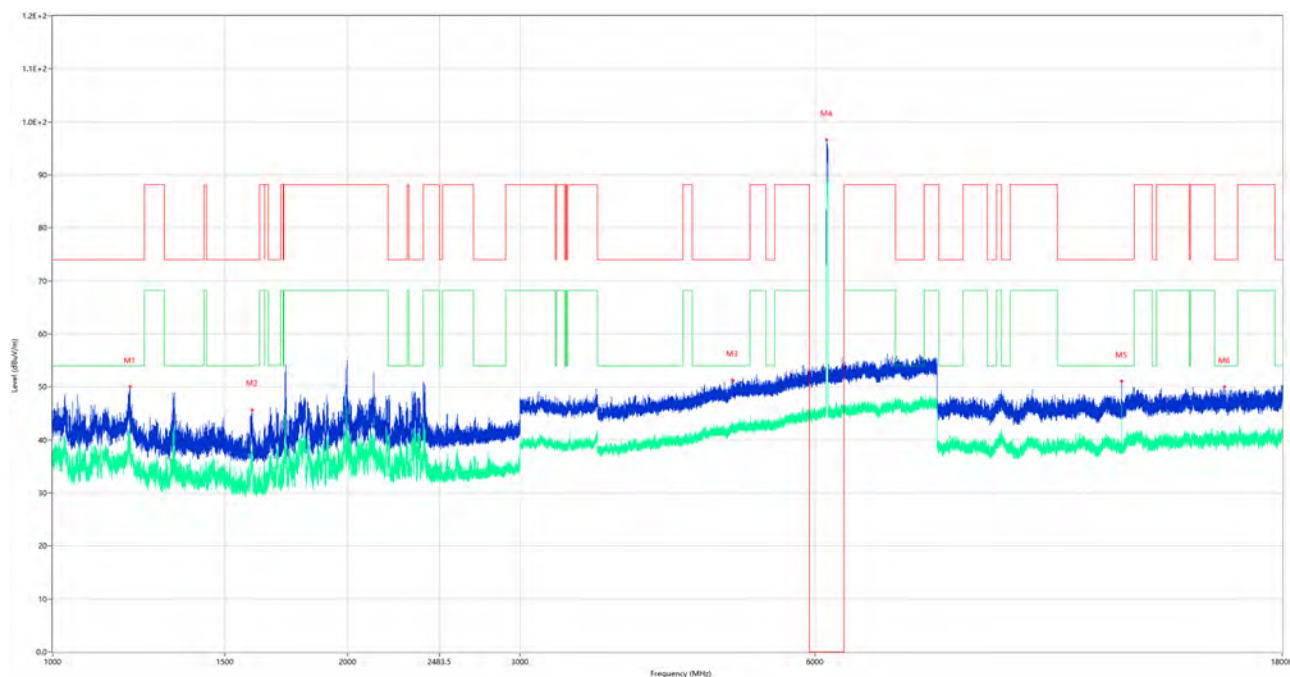
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.500	51.07	-16.19	74.0	22.93	Peak	355.00	150	Vertical	Pass
1**	1196.500	40.90	-16.19	54.0	13.10	AV	355.00	150	Vertical	Pass
2	1595.000	46.66	-16.31	74.0	27.34	Peak	119.00	150	Vertical	Pass
2**	1595.000	33.58	-16.31	54.0	20.42	AV	119.00	150	Vertical	Pass
3	4184.750	49.17	-3.02	74.0	24.83	Peak	39.00	150	Vertical	Pass
3**	4184.750	40.99	-3.02	54.0	13.01	AV	39.00	150	Vertical	Pass
4	6203.750	96.88	1.03	--	-57.88	Peak	39.00	150	Vertical	N/A
4**	6203.750	86.64	1.03	--	-86.64	AV	39.00	150	Vertical	N/A
5	12370.237	50.45	-0.83	74.0	23.55	Peak	172.00	150	Vertical	Pass
5**	12370.237	47.46	-0.83	54.0	6.54	AV	172.00	150	Vertical	Pass
6	15672.150	49.98	1.62	74.0	24.02	Peak	101.00	150	Vertical	Pass
6**	15672.150	40.36	1.62	54.0	13.64	AV	101.00	150	Vertical	Pass

11be20, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



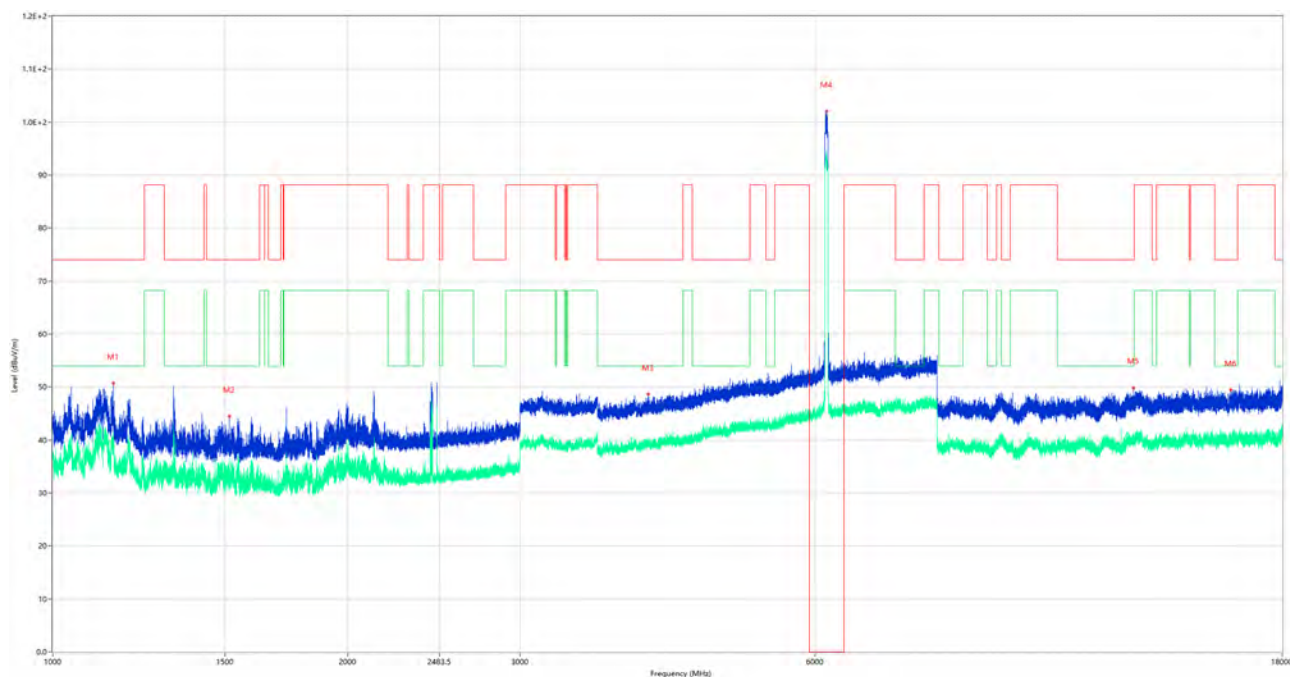
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.400	51.77	-16.20	74.0	22.23	Peak	207.00	150	Horizontal	Pass
1**	1197.400	39.19	-16.20	54.0	14.81	AV	207.00	150	Horizontal	Pass
2	2723.400	43.86	-10.96	74.0	30.14	Peak	130.00	150	Horizontal	Pass
2**	2723.400	32.94	-10.96	54.0	21.06	AV	130.00	150	Horizontal	Pass
3	5024.250	51.87	-0.74	74.0	22.13	Peak	297.00	150	Horizontal	Pass
3**	5024.250	42.97	-0.74	54.0	11.03	AV	297.00	150	Horizontal	Pass
4	6176.000	102.63	1.17	--	40.37	Peak	143.00	150	Horizontal	N/A
4**	6176.000	93.29	1.17	--	-93.29	AV	143.00	150	Horizontal	N/A
5	12500.388	49.60	-0.07	74.0	24.40	Peak	224.00	150	Horizontal	Pass
5**	12500.388	40.80	-0.07	54.0	13.20	AV	224.00	150	Horizontal	Pass
6	16059.600	49.87	1.70	74.0	24.13	Peak	346.00	150	Horizontal	Pass
6**	16059.600	40.58	1.70	54.0	13.42	AV	346.00	150	Horizontal	Pass

111be20, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



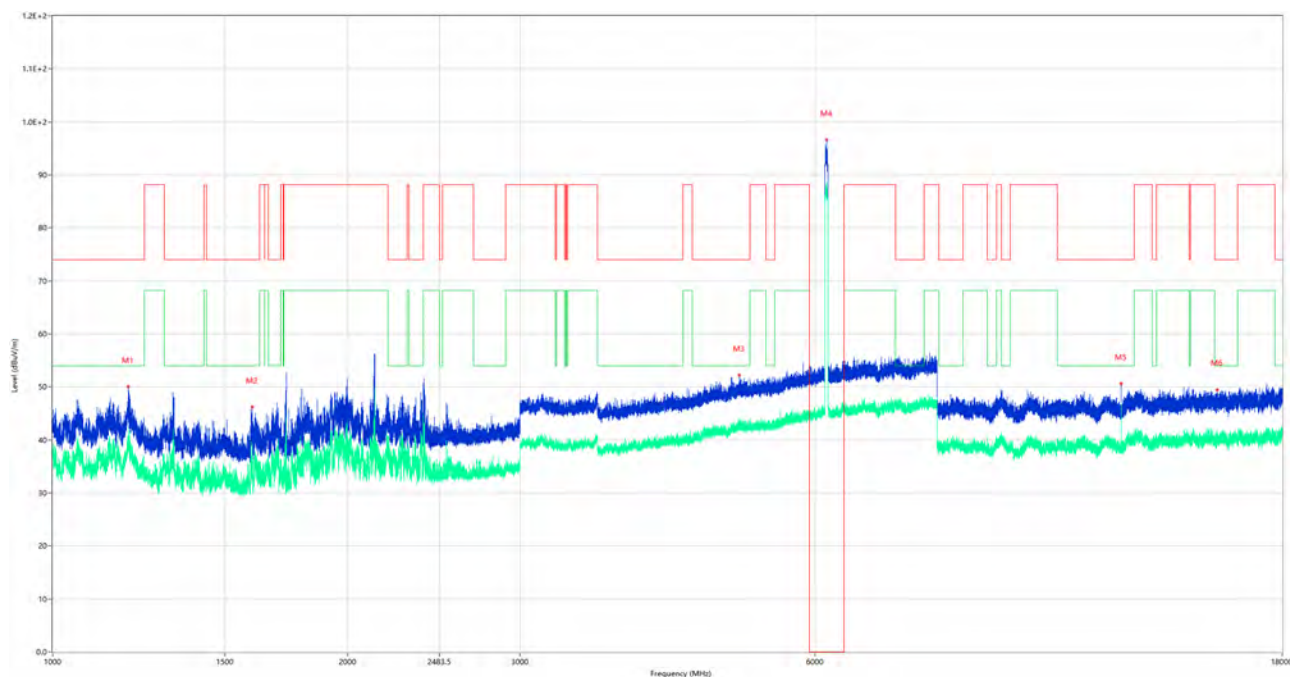
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1200.300	50.06	-16.19	74.0	23.94	Peak	0.00	150	Vertical	Pass
1**	1200.300	40.91	-16.19	54.0	13.09	AV	0.00	150	Vertical	Pass
2	1598.500	45.69	-16.27	74.0	28.31	Peak	121.00	150	Vertical	Pass
2**	1598.500	37.42	-16.27	54.0	16.58	AV	121.00	150	Vertical	Pass
3	4942.000	51.28	-0.53	74.0	22.72	Peak	176.00	150	Vertical	Pass
3**	4942.000	41.69	-0.53	54.0	12.31	AV	176.00	150	Vertical	Pass
4	6169.000	96.60	1.35	--	181.40	Peak	278.00	150	Vertical	N/A
4**	6169.000	88.75	1.35	--	-88.75	AV	278.00	150	Vertical	N/A
5	12349.813	51.03	-0.85	74.0	22.97	Peak	360.00	150	Vertical	Pass
5**	12349.813	45.34	-0.85	54.0	8.66	AV	360.00	150	Vertical	Pass
6	15718.875	50.07	1.31	74.0	23.93	Peak	0.00	150	Vertical	Pass
6**	15718.875	40.39	1.31	54.0	13.61	AV	0.00	150	Vertical	Pass

11be40, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



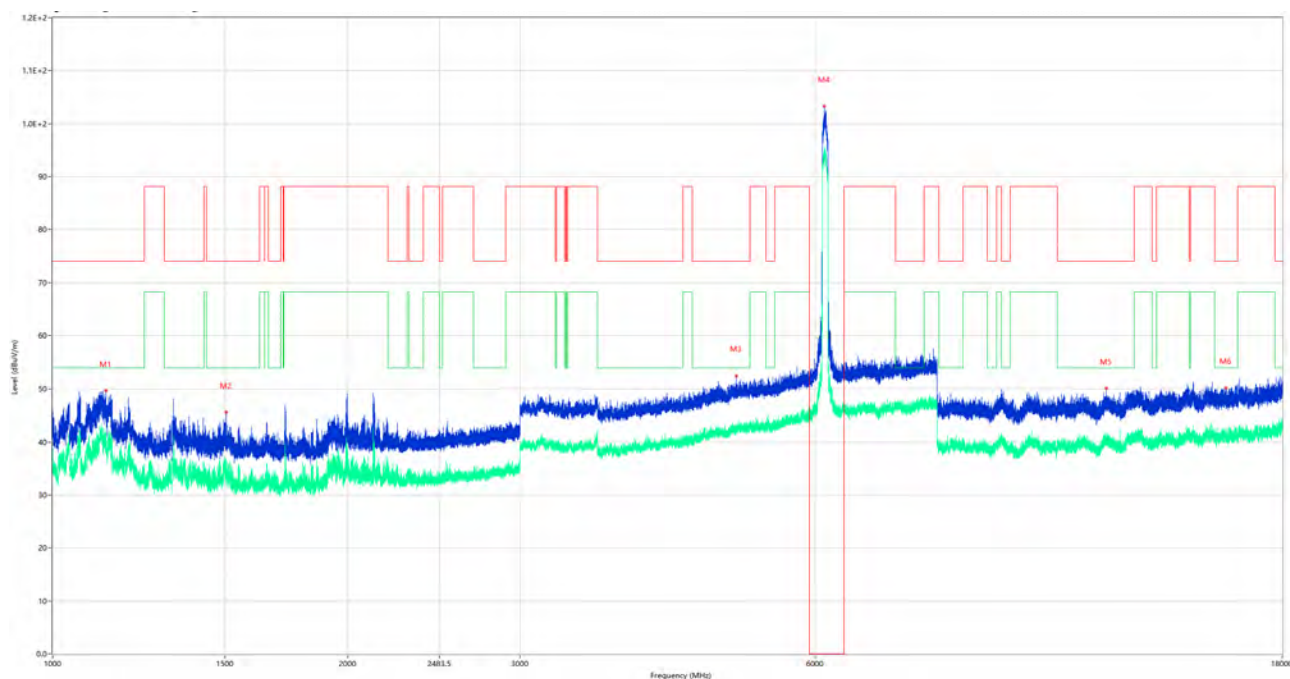
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1153.100	50.69	-16.24	74.0	23.31	Peak	200.00	150	Horizontal	Pass
1**	1153.100	38.63	-16.24	54.0	15.37	AV	200.00	150	Horizontal	Pass
2	1514.500	44.42	-16.31	74.0	29.58	Peak	192.00	150	Horizontal	Pass
2**	1514.500	34.95	-16.31	54.0	19.05	AV	192.00	150	Horizontal	Pass
3	4053.750	48.61	-3.03	74.0	25.39	Peak	22.00	150	Horizontal	Pass
3**	4053.750	38.74	-3.03	54.0	15.26	AV	22.00	150	Horizontal	Pass
4	6172.500	102.03	1.29	--	37.97	Peak	140.00	150	Horizontal	N/A
4**	6172.500	92.64	1.29	--	-92.64	AV	140.00	150	Horizontal	N/A
5	12684.213	49.83	-0.11	74.0	24.17	Peak	360.00	150	Horizontal	Pass
5**	12684.213	39.96	-0.11	54.0	14.04	AV	360.00	150	Horizontal	Pass
6	15945.413	49.48	1.31	74.0	24.52	Peak	360.00	150	Horizontal	Pass
6**	15945.413	39.73	1.31	54.0	14.27	AV	360.00	150	Horizontal	Pass

11be40, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



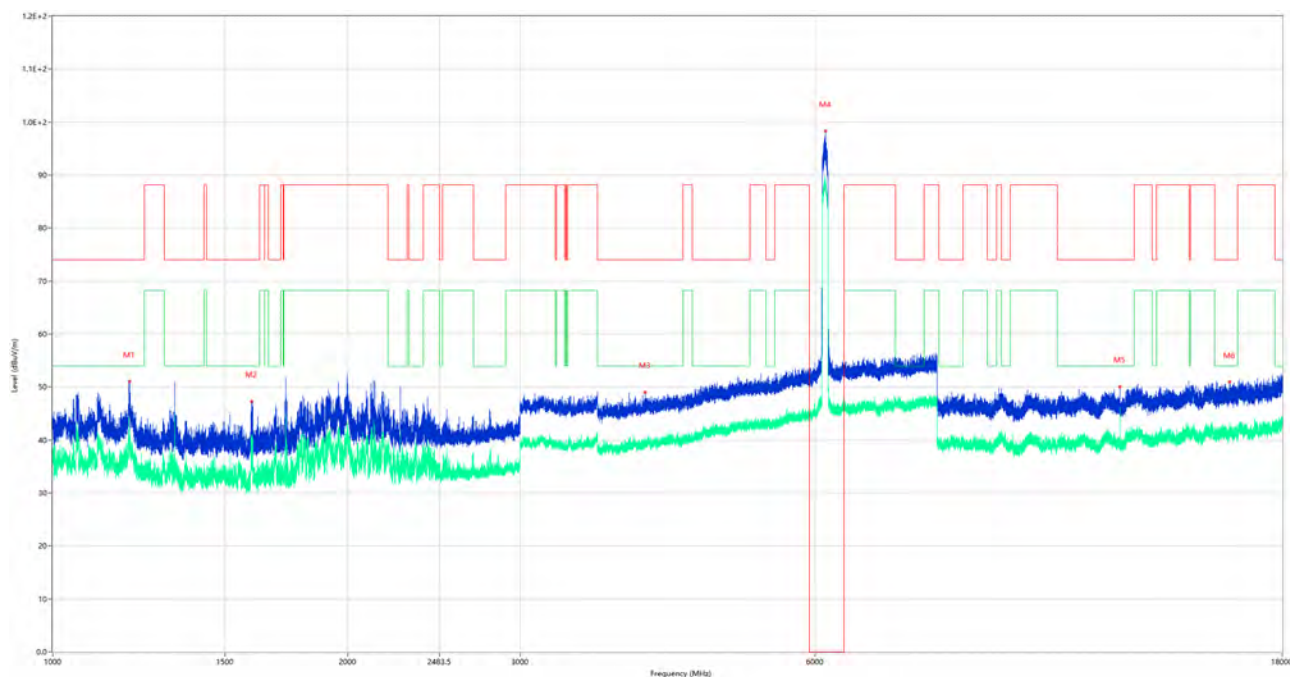
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1194.900	50.04	-16.18	74.0	23.96	Peak	0.00	150	Vertical	Pass
1**	1194.900	39.36	-16.18	54.0	14.64	AV	0.00	150	Vertical	Pass
2	1599.400	46.23	-16.28	74.0	27.77	Peak	133.00	150	Vertical	Pass
2**	1599.400	39.33	-16.28	54.0	14.67	AV	133.00	150	Vertical	Pass
3	5022.750	52.25	-0.79	74.0	21.75	Peak	360.00	150	Vertical	Pass
3**	5022.750	42.90	-0.79	54.0	11.10	AV	360.00	150	Vertical	Pass
4	6166.750	96.63	1.39	--	181.37	Peak	278.00	150	Vertical	N/A
4**	6166.750	87.18	1.39	--	-87.18	AV	278.00	150	Vertical	N/A
5	12330.100	50.60	-0.72	74.0	23.40	Peak	75.00	150	Vertical	Pass
5**	12330.100	46.86	-0.72	54.0	7.14	AV	75.00	150	Vertical	Pass
6	15438.262	49.46	1.41	74.0	24.54	Peak	138.00	150	Vertical	Pass
6**	15438.262	40.10	1.41	54.0	13.90	AV	138.00	150	Vertical	Pass

11be80, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



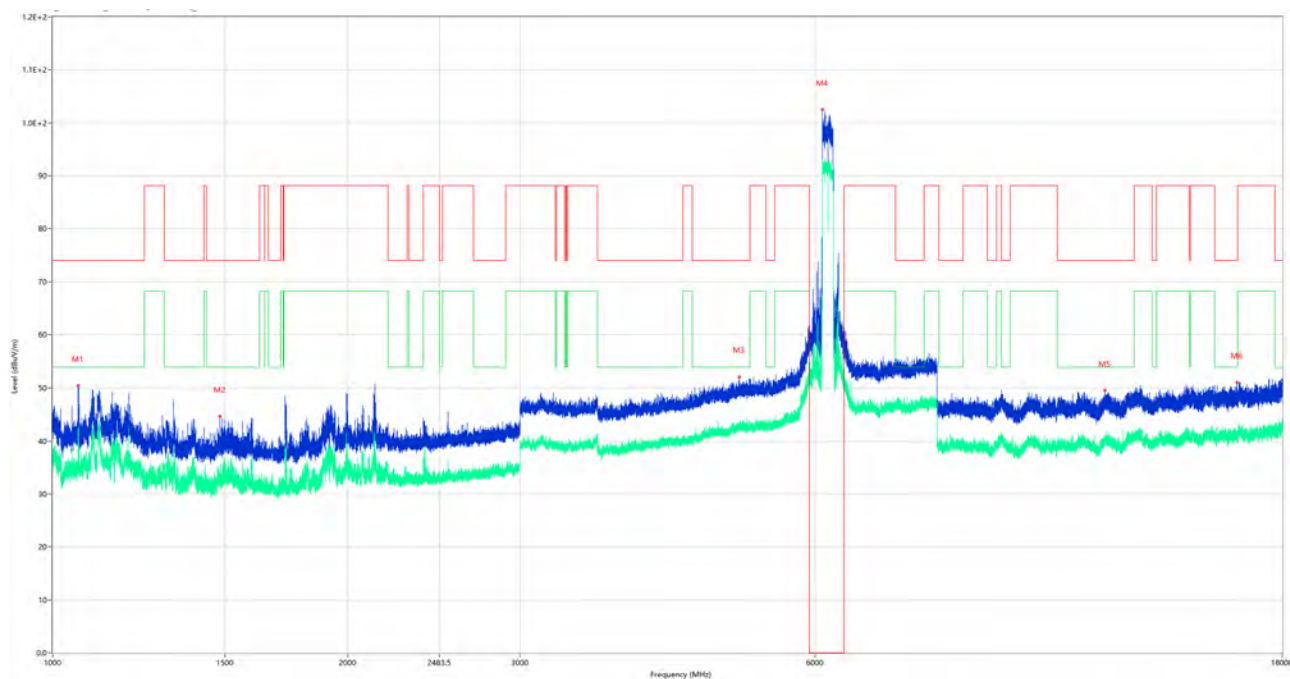
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1133.600	49.73	-16.31	74.0	24.27	Peak	197.00	150	Horizontal	Pass
1**	1133.600	39.41	-16.31	54.0	14.59	AV	197.00	150	Horizontal	Pass
2	1503.000	45.58	-16.25	74.0	28.42	Peak	184.00	150	Horizontal	Pass
2**	1503.000	34.39	-16.25	54.0	19.61	AV	184.00	150	Horizontal	Pass
3	4988.500	52.51	-1.02	74.0	21.49	Peak	331.00	150	Horizontal	Pass
3**	4988.500	42.73	-1.02	54.0	11.27	AV	331.00	150	Horizontal	Pass
4	6137.500	103.27	1.13	--	3.73	Peak	107.00	150	Horizontal	N/A
4**	6137.500	93.83	1.13	--	-93.83	AV	107.00	150	Horizontal	N/A
5	11901.175	50.17	-0.85	74.0	23.83	Peak	271.00	150	Horizontal	Pass
5**	11901.175	40.02	-0.85	54.0	13.98	AV	271.00	150	Horizontal	Pass
6	15766.125	50.32	1.08	74.0	23.68	Peak	35.00	150	Horizontal	Pass
6**	15766.125	41.02	1.08	54.0	12.98	AV	35.00	150	Horizontal	Pass

11be80, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



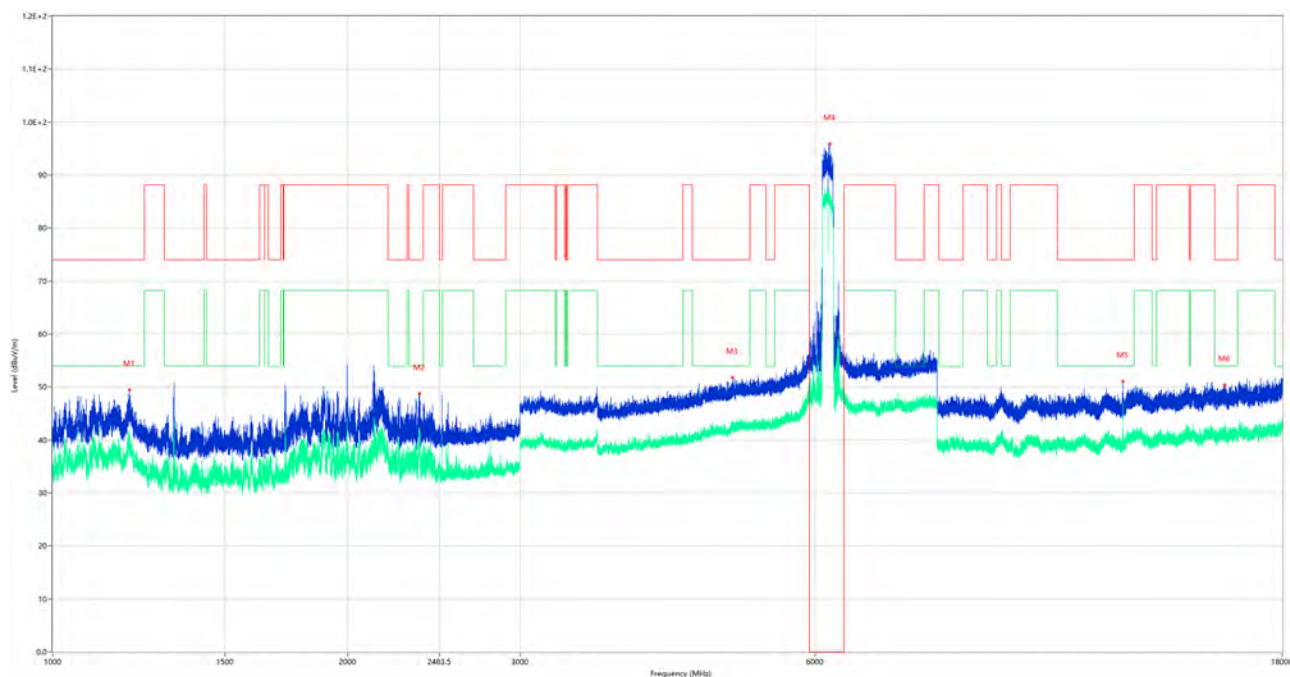
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.400	51.08	-16.20	74.0	22.92	Peak	0.00	150	Vertical	Pass
1**	1197.400	40.12	-16.20	54.0	13.88	AV	0.00	150	Vertical	Pass
2	1596.600	47.31	-16.27	74.0	26.69	Peak	131.00	150	Vertical	Pass
2**	1596.600	36.84	-16.27	54.0	17.16	AV	131.00	150	Vertical	Pass
3	4023.000	48.94	-3.01	74.0	25.06	Peak	360.00	150	Vertical	Pass
3**	4023.000	39.29	-3.01	54.0	14.71	AV	360.00	150	Vertical	Pass
4	6148.250	98.36	1.46	--	179.64	Peak	278.00	150	Vertical	N/A
4**	6148.250	88.27	1.46	--	-88.27	AV	278.00	150	Vertical	N/A
5	12290.201	50.03	-1.34	74.0	23.97	Peak	77.00	150	Vertical	Pass
5**	12290.201	46.09	-1.34	54.0	7.91	AV	77.00	150	Vertical	Pass
6	15897.638	50.99	1.66	74.0	23.01	Peak	207.00	150	Vertical	Pass
6**	15897.638	41.84	1.66	54.0	12.16	AV	207.00	150	Vertical	Pass

11be160, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



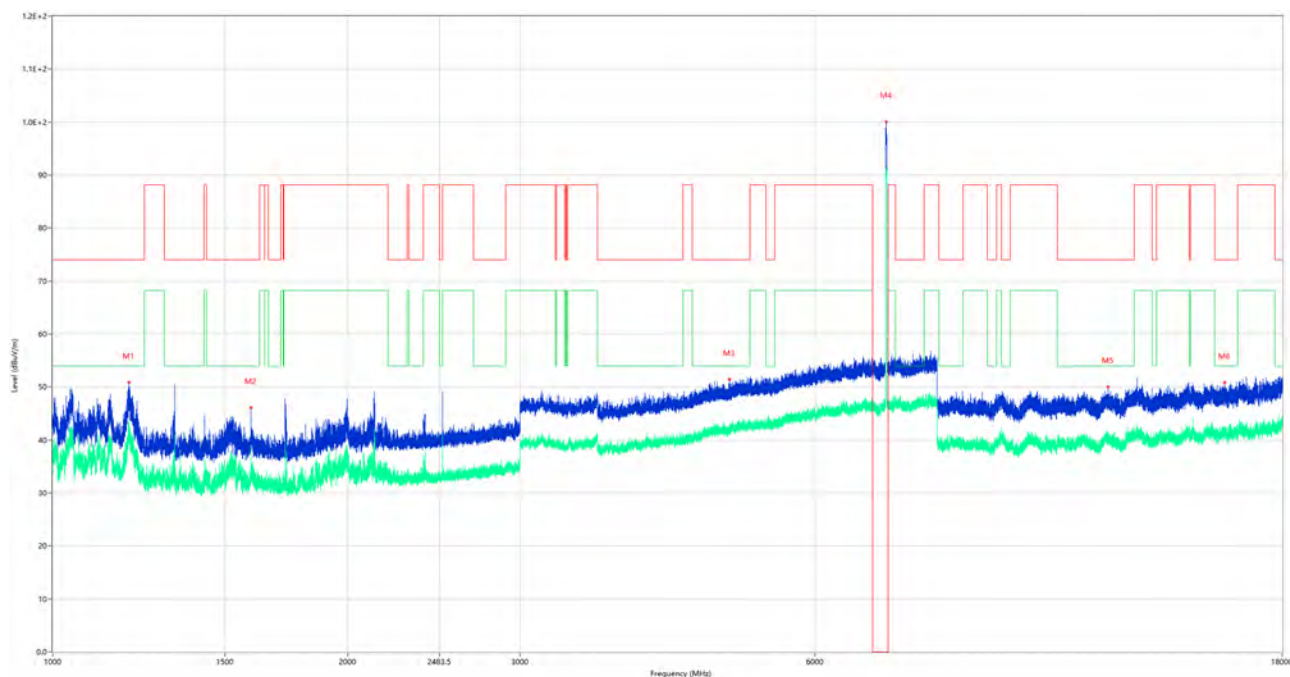
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.900	50.54	-16.26	74.0	23.46	Peak	215.00	150	Horizontal	Pass
1**	1061.900	34.69	-16.26	54.0	19.31	AV	215.00	150	Horizontal	Pass
2	1482.900	44.70	-16.35	74.0	29.30	Peak	193.00	150	Horizontal	Pass
2**	1482.900	35.41	-16.35	54.0	18.59	AV	193.00	150	Horizontal	Pass
3	5020.500	52.14	-0.86	74.0	21.86	Peak	294.00	150	Horizontal	Pass
3**	5020.500	42.34	-0.86	54.0	11.66	AV	294.00	150	Horizontal	Pass
4	6106.250	102.47	1.13	--	3.53	Peak	106.00	150	Horizontal	N/A
4**	6106.250	89.67	1.13	--	-89.67	AV	106.00	150	Horizontal	N/A
5	11860.799	49.56	-1.03	74.0	24.44	Peak	52.00	150	Horizontal	Pass
5**	11860.799	40.54	-1.03	54.0	13.46	AV	52.00	150	Horizontal	Pass
6	16173.525	51.08	1.66	74.0	22.92	Peak	312.00	150	Horizontal	Pass
6**	16173.525	41.78	1.66	54.0	12.22	AV	312.00	150	Horizontal	Pass

11be160, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



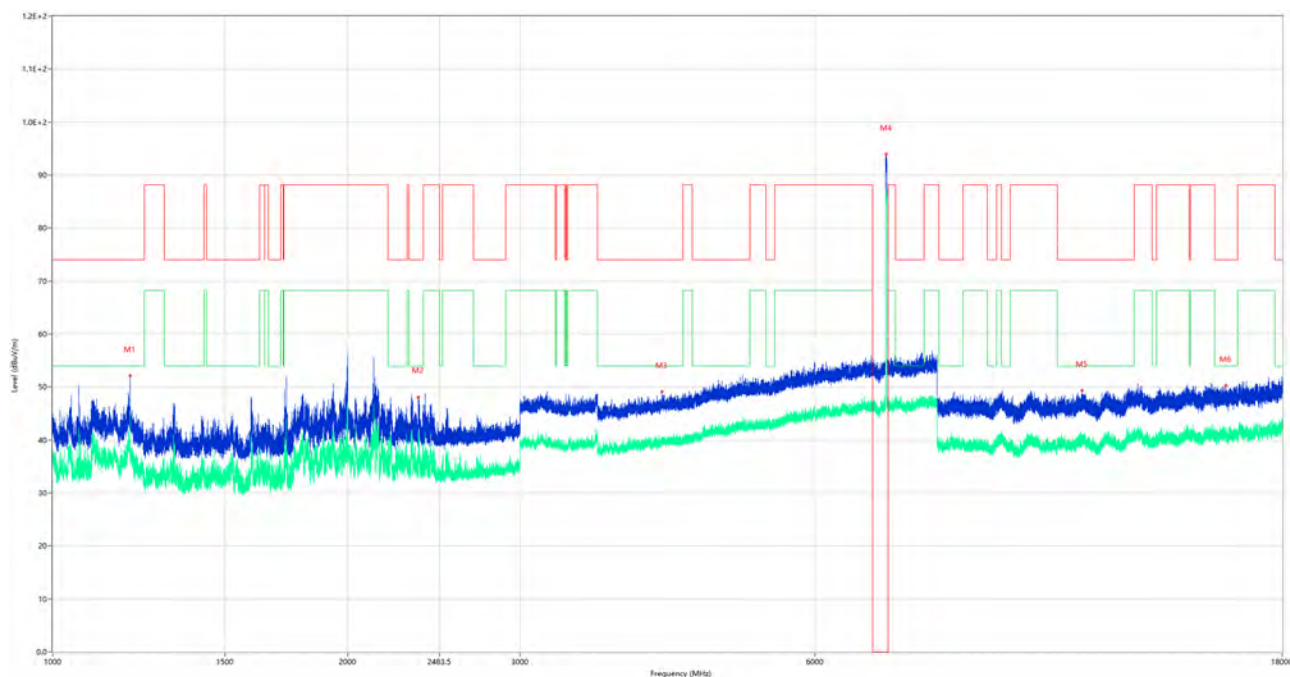
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.700	49.48	-16.20	74.0	24.52	Peak	0.00	150	Vertical	Pass
1**	1198.700	37.79	-16.20	54.0	16.21	AV	0.00	150	Vertical	Pass
2	2367.800	48.76	-12.66	74.0	25.24	Peak	99.00	150	Vertical	Pass
2**	2367.800	40.33	-12.66	54.0	13.67	AV	99.00	150	Vertical	Pass
3	4946.000	51.80	-0.52	74.0	22.20	Peak	279.00	150	Vertical	Pass
3**	4946.000	42.81	-0.52	54.0	11.19	AV	279.00	150	Vertical	Pass
4	6218.750	95.90	1.15	--	183.10	Peak	279.00	150	Vertical	N/A
4**	6218.750	84.97	1.15	--	-84.97	AV	279.00	150	Vertical	N/A
5	12370.000	51.04	-0.83	74.0	22.96	Peak	78.00	150	Vertical	Pass
5**	12370.000	46.86	-0.83	54.0	7.14	AV	78.00	150	Vertical	Pass
6	15721.500	50.43	1.40	74.0	23.57	Peak	276.00	150	Vertical	Pass
6**	15721.500	40.97	1.40	54.0	13.03	AV	276.00	150	Vertical	Pass

11ax20(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



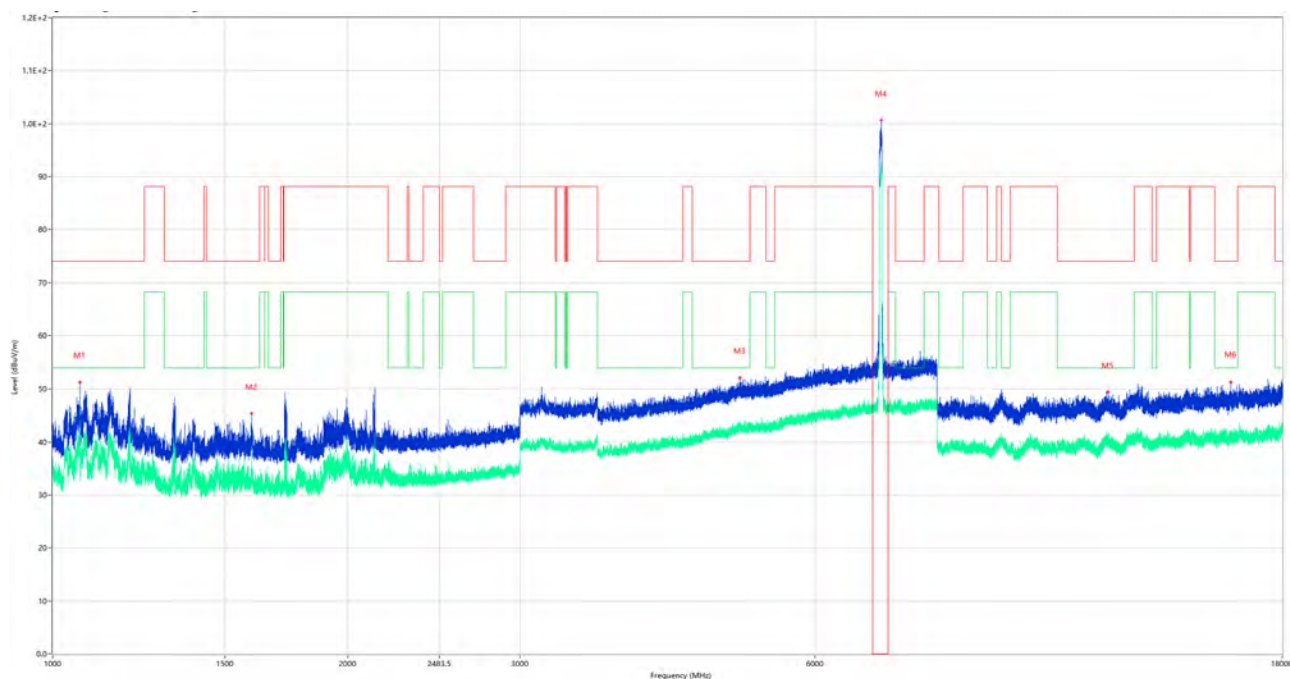
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.900	50.88	-16.20	74.0	23.12	Peak	200.00	150	Horizontal	Pass
1**	1196.900	40.28	-16.20	54.0	13.72	AV	200.00	150	Horizontal	Pass
2	1593.700	46.04	-16.31	74.0	27.96	Peak	138.00	150	Horizontal	Pass
2**	1593.700	36.50	-16.31	54.0	17.50	AV	138.00	150	Horizontal	Pass
3	4908.750	51.44	-1.15	74.0	22.56	Peak	360.00	150	Horizontal	Pass
3**	4908.750	41.86	-1.15	54.0	12.14	AV	360.00	150	Horizontal	Pass
4	7098.000	100.10	1.91	--	66.90	Peak	167.00	150	Horizontal	N/A
4**	7098.000	90.82	1.91	--	-90.82	AV	167.00	150	Horizontal	N/A
5	11952.000	50.01	-1.07	74.0	23.99	Peak	7.00	150	Horizontal	Pass
5**	11952.000	39.88	-1.07	54.0	14.12	AV	7.00	150	Horizontal	Pass
6	15722.550	50.88	1.38	74.0	23.12	Peak	50.00	150	Horizontal	Pass
6**	15722.550	41.32	1.38	54.0	12.68	AV	50.00	150	Horizontal	Pass

11ax20(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



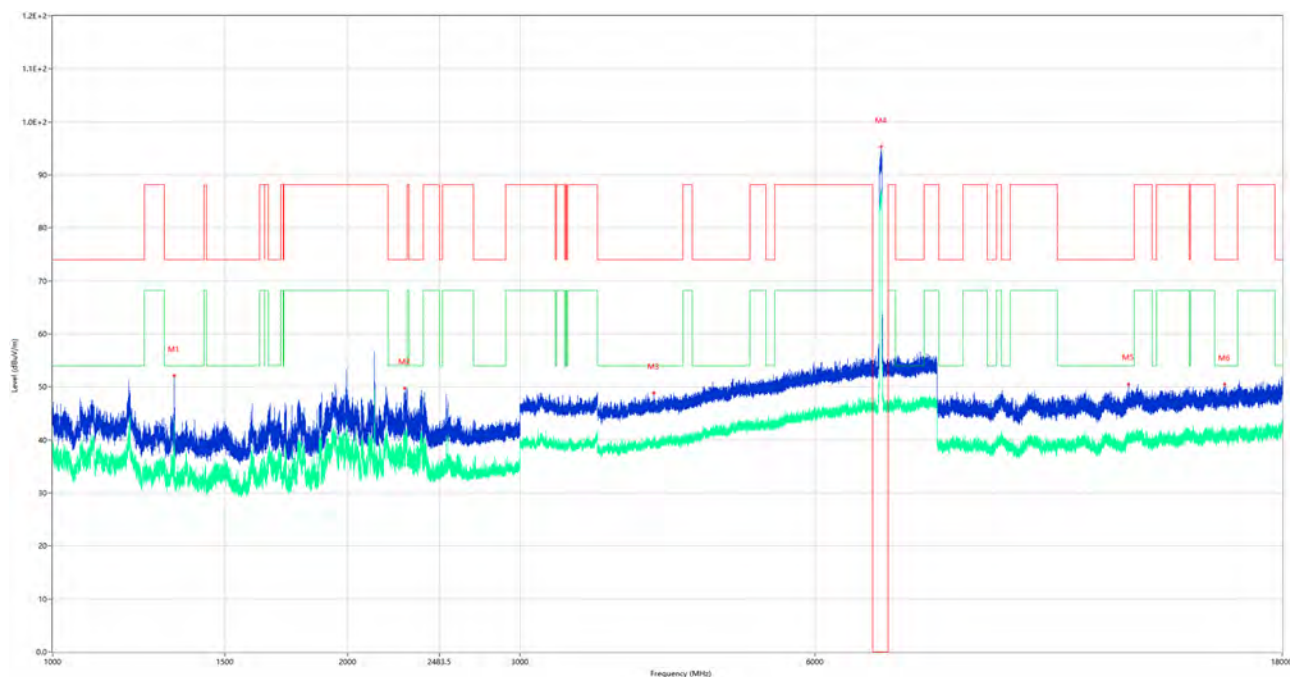
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.200	52.12	-16.20	74.0	21.88	Peak	1.00	150	Vertical	Pass
1**	1199.200	38.56	-16.20	54.0	15.44	AV	1.00	150	Vertical	Pass
2	2361.900	48.03	-12.45	74.0	25.97	Peak	92.00	150	Vertical	Pass
2**	2361.900	37.31	-12.45	54.0	16.69	AV	92.00	150	Vertical	Pass
3	4190.000	49.09	-2.77	74.0	24.91	Peak	321.00	150	Vertical	Pass
3**	4190.000	39.30	-2.77	54.0	14.70	AV	321.00	150	Vertical	Pass
4	7096.750	93.97	1.92	--	-61.97	Peak	32.00	150	Vertical	N/A
4**	7096.750	86.25	1.92	--	-86.25	AV	32.00	150	Vertical	N/A
5	11251.613	49.31	-1.36	74.0	24.69	Peak	1.00	150	Vertical	Pass
5**	11251.613	39.60	-1.36	54.0	14.40	AV	1.00	150	Vertical	Pass
6	15756.675	50.24	0.71	74.0	23.76	Peak	188.00	150	Vertical	Pass
6**	15756.675	41.84	0.71	54.0	12.16	AV	188.00	150	Vertical	Pass

11ax40(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



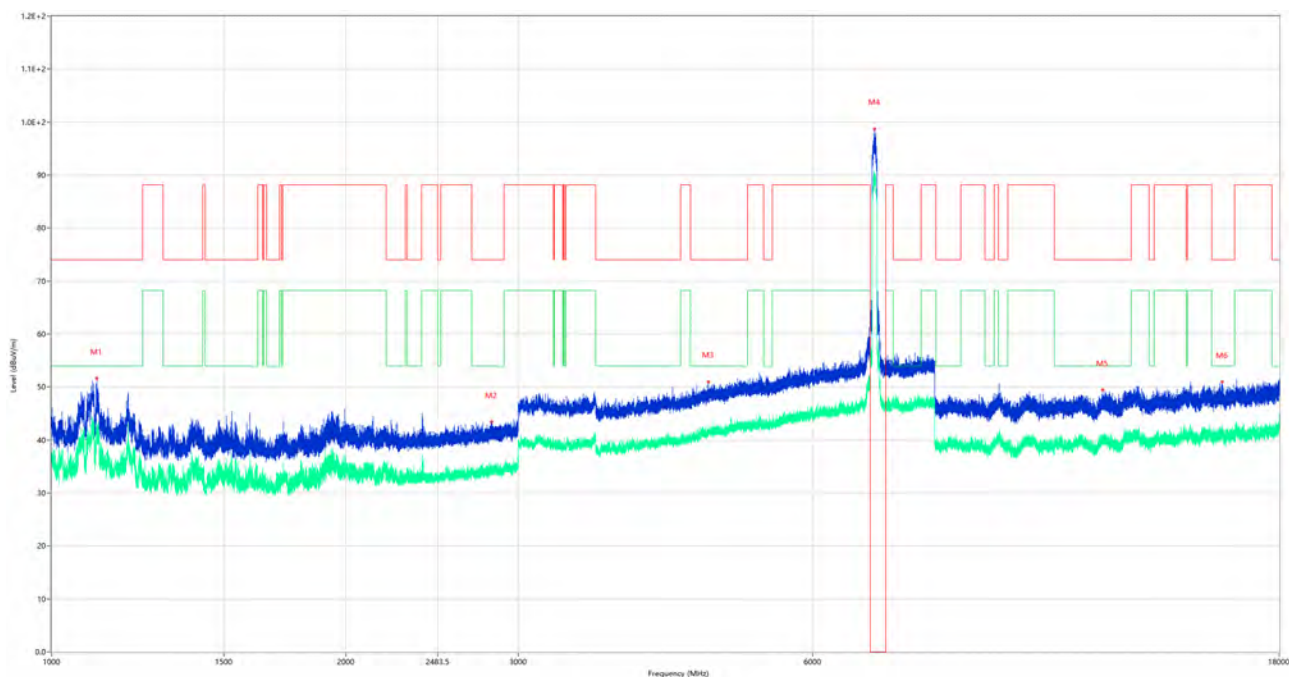
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.500	51.30	-16.23	74.0	22.70	Peak	197.00	150	Horizontal	Pass
1**	1066.500	43.88	-16.23	54.0	10.12	AV	197.00	150	Horizontal	Pass
2	1597.100	45.37	-16.26	74.0	28.63	Peak	197.00	150	Horizontal	Pass
2**	1597.100	33.35	-16.26	54.0	20.65	AV	197.00	150	Horizontal	Pass
3	5033.500	52.10	-0.89	74.0	21.90	Peak	115.00	150	Horizontal	Pass
3**	5033.500	42.46	-0.89	54.0	11.54	AV	115.00	150	Horizontal	Pass
4	7014.500	100.62	2.52	--	84.38	Peak	185.00	150	Horizontal	N/A
4**	7014.500	90.34	2.52	--	-90.34	AV	185.00	150	Horizontal	N/A
5	11954.375	49.47	-0.95	74.0	24.53	Peak	166.00	150	Horizontal	Pass
5**	11954.375	40.41	-0.95	54.0	13.59	AV	166.00	150	Horizontal	Pass
6	15942.525	51.35	1.53	74.0	22.65	Peak	15.00	150	Horizontal	Pass
6**	15942.525	41.12	1.53	54.0	12.88	AV	15.00	150	Horizontal	Pass

11ax40(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



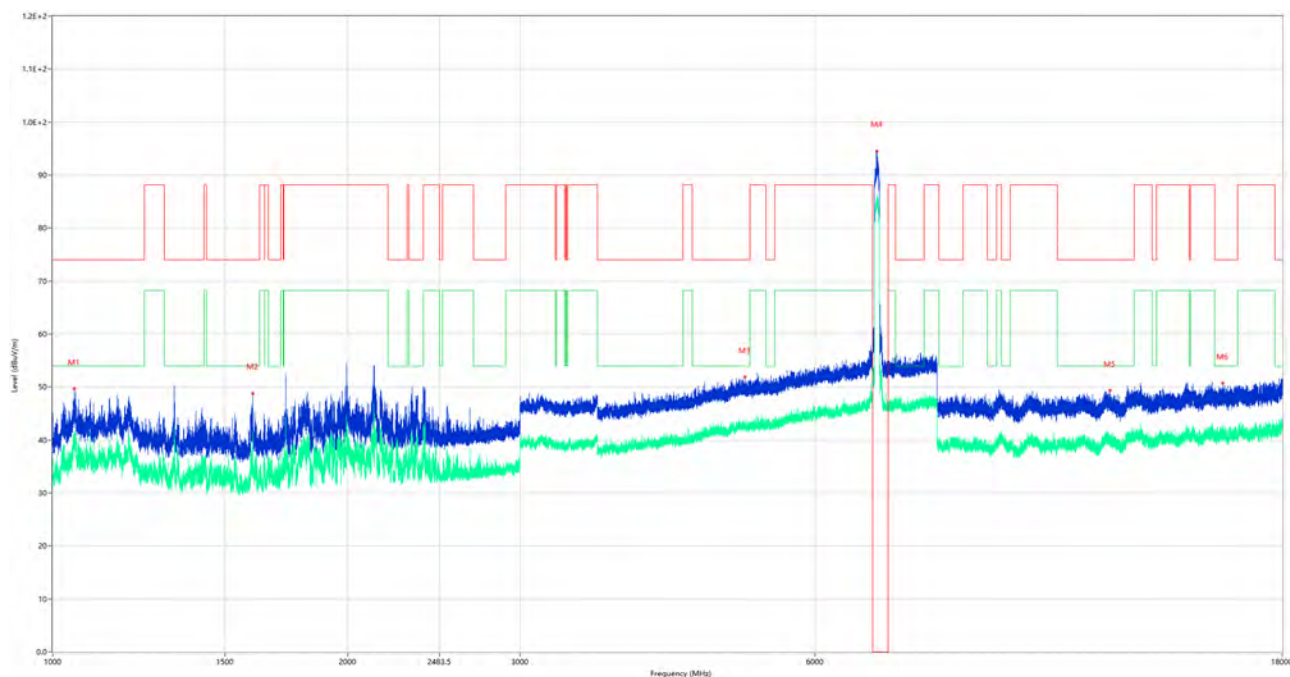
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1329.700	52.11	-16.25	74.0	21.89	Peak	112.00	150	Vertical	Pass
1**	1329.700	41.43	-16.25	54.0	12.57	AV	112.00	150	Vertical	Pass
2	2287.900	49.80	-13.35	74.0	24.20	Peak	105.00	150	Vertical	Pass
2**	2287.900	39.23	-13.35	54.0	14.77	AV	105.00	150	Vertical	Pass
3	4110.000	48.86	-3.05	74.0	25.14	Peak	303.00	150	Vertical	Pass
3**	4110.000	39.32	-3.05	54.0	14.68	AV	303.00	150	Vertical	Pass
4	7010.000	95.29	2.45	--	-13.29	Peak	82.00	150	Vertical	N/A
4**	7010.000	86.91	2.45	--	-86.91	AV	82.00	150	Vertical	N/A
5	12547.888	50.54	-0.00	74.0	23.46	Peak	360.00	150	Vertical	Pass
5**	12547.888	39.98	-0.00	54.0	14.02	AV	360.00	150	Vertical	Pass
6	15707.850	50.55	1.13	74.0	23.45	Peak	360.00	150	Vertical	Pass
6**	15707.850	40.75	1.13	54.0	13.25	AV	360.00	150	Vertical	Pass

11ax80(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



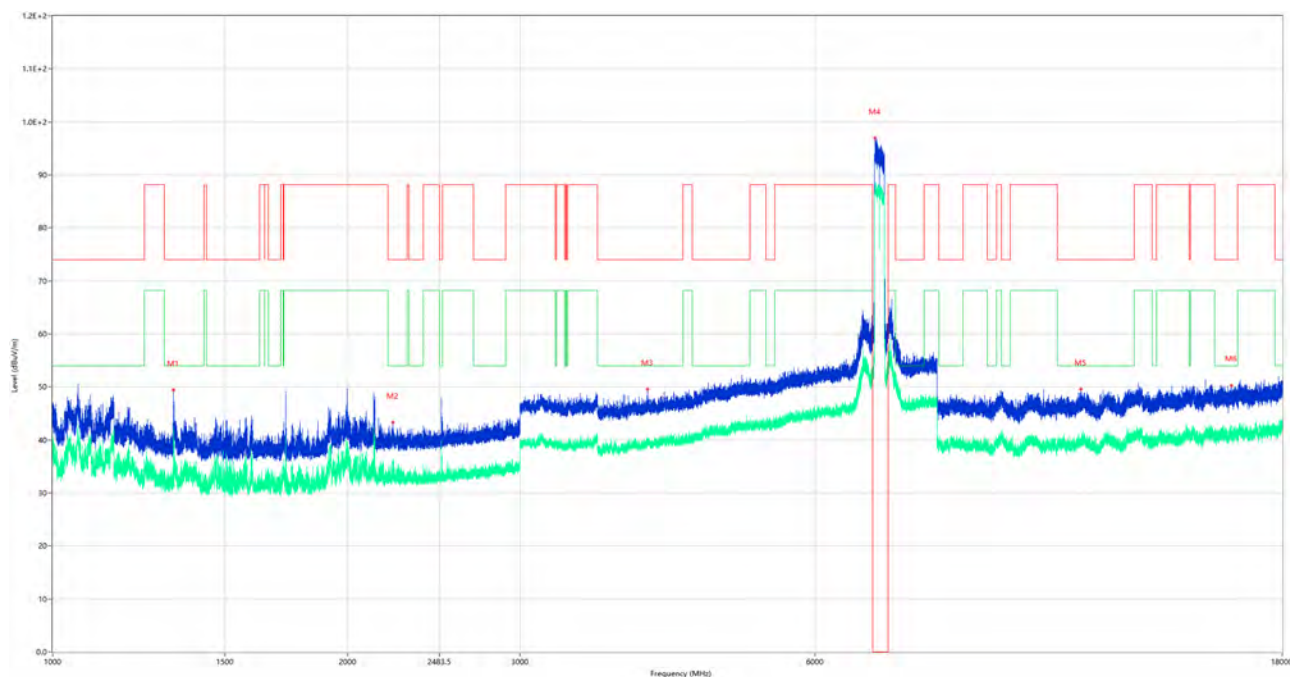
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1111.600	51.69	-16.47	74.0	22.31	Peak	198.00	150	Horizontal	Pass
1**	1111.600	41.94	-16.47	54.0	12.06	AV	198.00	150	Horizontal	Pass
2	2817.800	43.39	-9.90	74.0	30.61	Peak	106.00	150	Horizontal	Pass
2**	2817.800	34.24	-9.90	54.0	19.76	AV	106.00	150	Horizontal	Pass
3	4696.500	51.02	-2.27	74.0	22.98	Peak	359.00	150	Horizontal	Pass
3**	4696.500	41.63	-2.27	54.0	12.37	AV	359.00	150	Horizontal	Pass
4	6942.000	98.65	1.51	--	100.35	Peak	199.00	150	Horizontal	N/A
4**	6942.000	90.09	1.51	--	-90.09	AV	199.00	150	Horizontal	N/A
5	11872.437	49.48	-0.73	74.0	24.52	Peak	332.00	150	Horizontal	Pass
5**	11872.437	40.73	-0.73	54.0	13.27	AV	332.00	150	Horizontal	Pass
6	15728.062	50.96	1.05	74.0	23.04	Peak	16.00	150	Horizontal	Pass
6**	15728.062	40.35	1.05	54.0	13.65	AV	16.00	150	Horizontal	Pass

11ax80(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



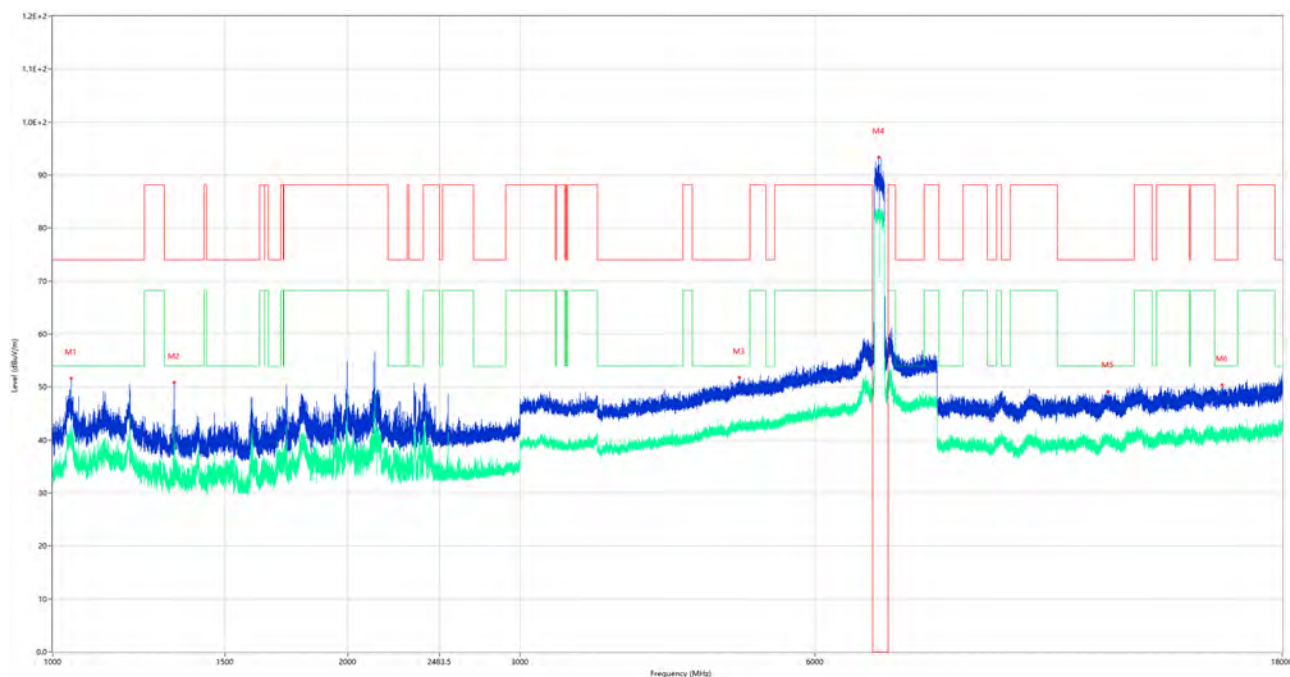
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1052.500	49.70	-16.43	74.0	24.30	Peak	235.00	150	Vertical	Pass
1**	1052.500	38.05	-16.43	54.0	15.95	AV	235.00	150	Vertical	Pass
2	1599.900	48.81	-16.28	74.0	25.19	Peak	123.00	150	Vertical	Pass
2**	1599.900	34.80	-16.28	54.0	19.20	AV	123.00	150	Vertical	Pass
3	5093.000	51.88	-0.80	74.0	22.12	Peak	213.00	150	Vertical	Pass
3**	5093.000	42.71	-0.80	54.0	11.29	AV	213.00	150	Vertical	Pass
4	6946.250	94.56	1.57	--	-31.56	Peak	63.00	150	Vertical	N/A
4**	6946.250	85.63	1.57	--	-85.63	AV	63.00	150	Vertical	N/A
5	12014.224	49.38	-1.06	74.0	24.62	Peak	71.00	150	Vertical	Pass
5**	12014.224	40.23	-1.06	54.0	13.77	AV	71.00	150	Vertical	Pass
6	15648.787	50.72	1.40	74.0	23.28	Peak	187.00	150	Vertical	Pass
6**	15648.787	40.91	1.40	54.0	13.09	AV	187.00	150	Vertical	Pass

11ax160(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



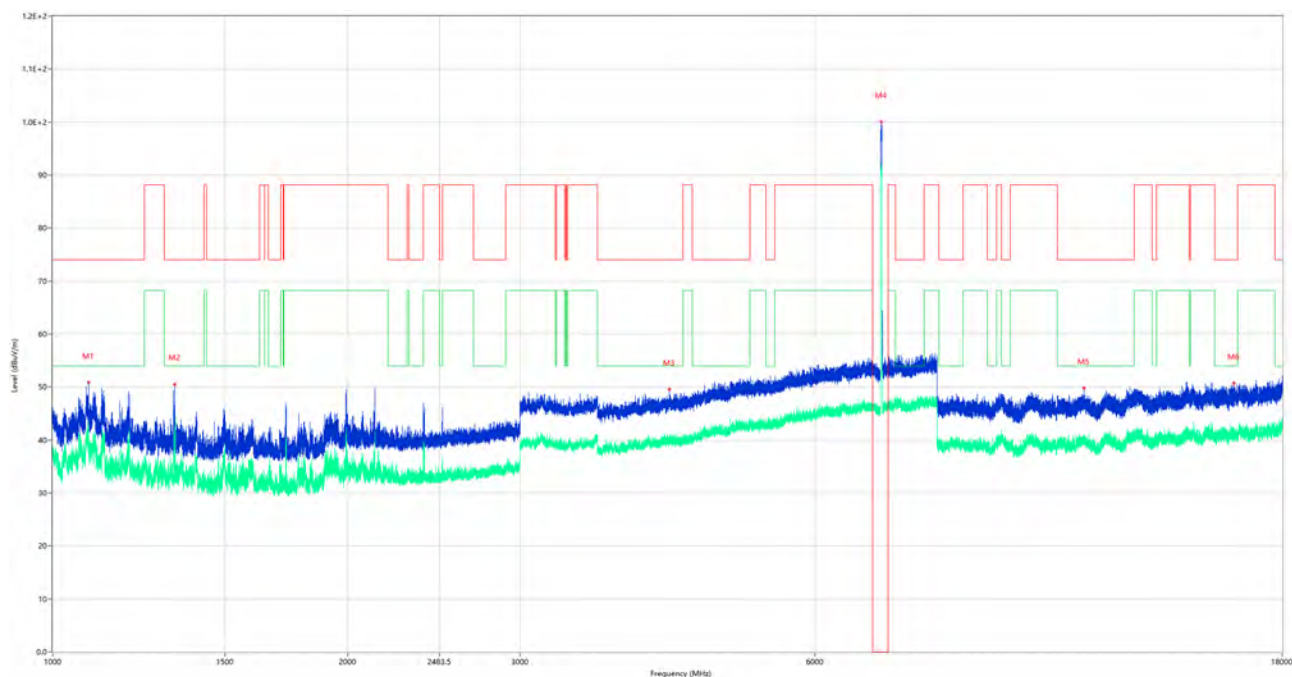
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1328.400	49.43	-16.25	74.0	24.57	Peak	118.00	150	Horizontal	Pass
1**	1328.400	36.20	-16.25	54.0	17.80	AV	118.00	150	Horizontal	Pass
2	2223.800	43.31	-13.10	74.0	30.69	Peak	154.00	150	Horizontal	Pass
2**	2223.800	35.39	-13.10	54.0	18.61	AV	154.00	150	Horizontal	Pass
3	4051.750	49.53	-3.03	74.0	24.47	Peak	289.00	150	Horizontal	Pass
3**	4051.750	39.27	-3.03	54.0	14.73	AV	289.00	150	Horizontal	Pass
4	6914.250	96.95	1.94	--	89.05	Peak	186.00	150	Horizontal	N/A
4**	6914.250	87.91	1.94	--	-87.91	AV	186.00	150	Horizontal	N/A
5	11218.600	49.55	-1.33	74.0	24.45	Peak	360.00	150	Horizontal	Pass
5**	11218.600	39.66	-1.33	54.0	14.34	AV	360.00	150	Horizontal	Pass
6	15983.475	50.24	0.99	74.0	23.76	Peak	360.00	150	Horizontal	Pass
6**	15983.475	40.55	0.99	54.0	13.45	AV	360.00	150	Horizontal	Pass

11ax160(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



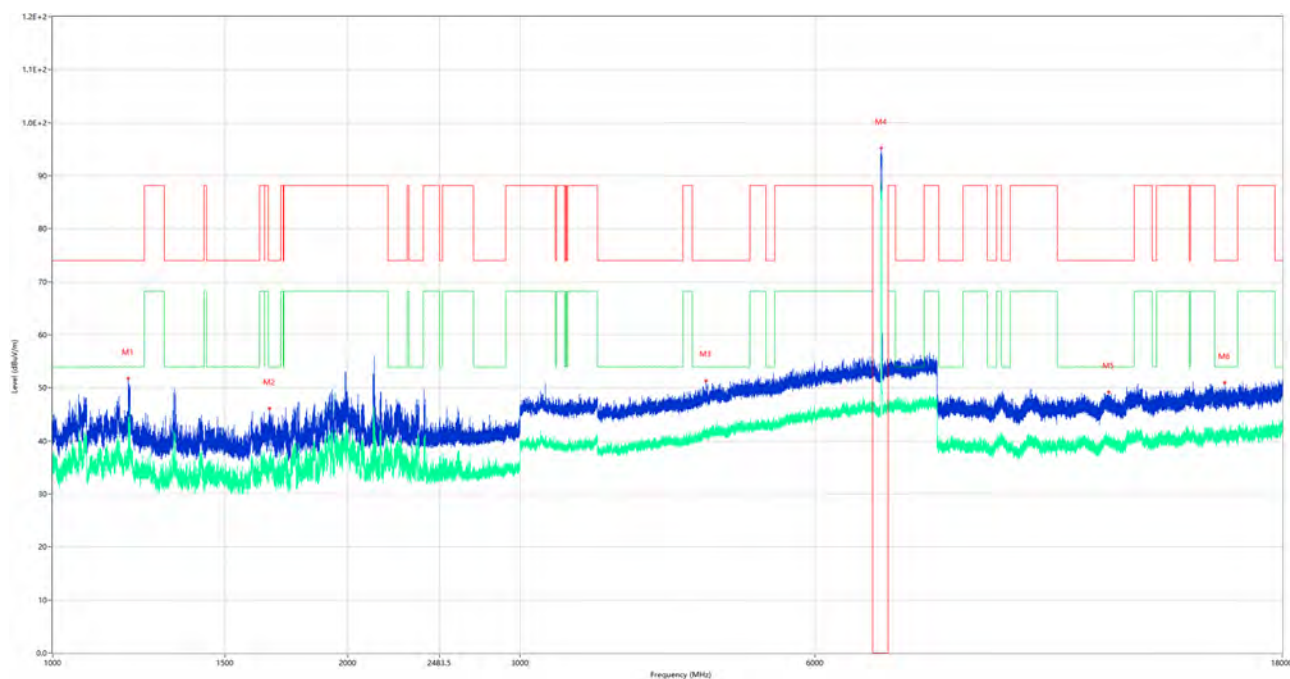
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1045.300	51.62	-16.44	74.0	22.38	Peak	240.00	150	Vertical	Pass
1**	1045.300	39.36	-16.44	54.0	14.64	AV	240.00	150	Vertical	Pass
2	1329.800	50.84	-16.25	74.0	23.16	Peak	130.00	150	Vertical	Pass
2**	1329.800	40.87	-16.25	54.0	13.13	AV	130.00	150	Vertical	Pass
3	5027.000	51.78	-0.75	74.0	22.22	Peak	0.00	150	Vertical	Pass
3**	5027.000	43.00	-0.75	54.0	11.00	AV	0.00	150	Vertical	Pass
4	6971.000	93.36	1.60	--	-11.36	Peak	82.00	150	Vertical	N/A
4**	6971.000	82.86	1.60	--	-82.86	AV	82.00	150	Vertical	N/A
5	11959.838	49.16	-1.03	74.0	24.84	Peak	186.00	150	Vertical	Pass
5**	11959.838	39.58	-1.03	54.0	14.42	AV	186.00	150	Vertical	Pass
6	15617.287	50.34	1.04	74.0	23.66	Peak	359.00	150	Vertical	Pass
6**	15617.287	41.03	1.04	54.0	12.97	AV	359.00	150	Vertical	Pass

11be20, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



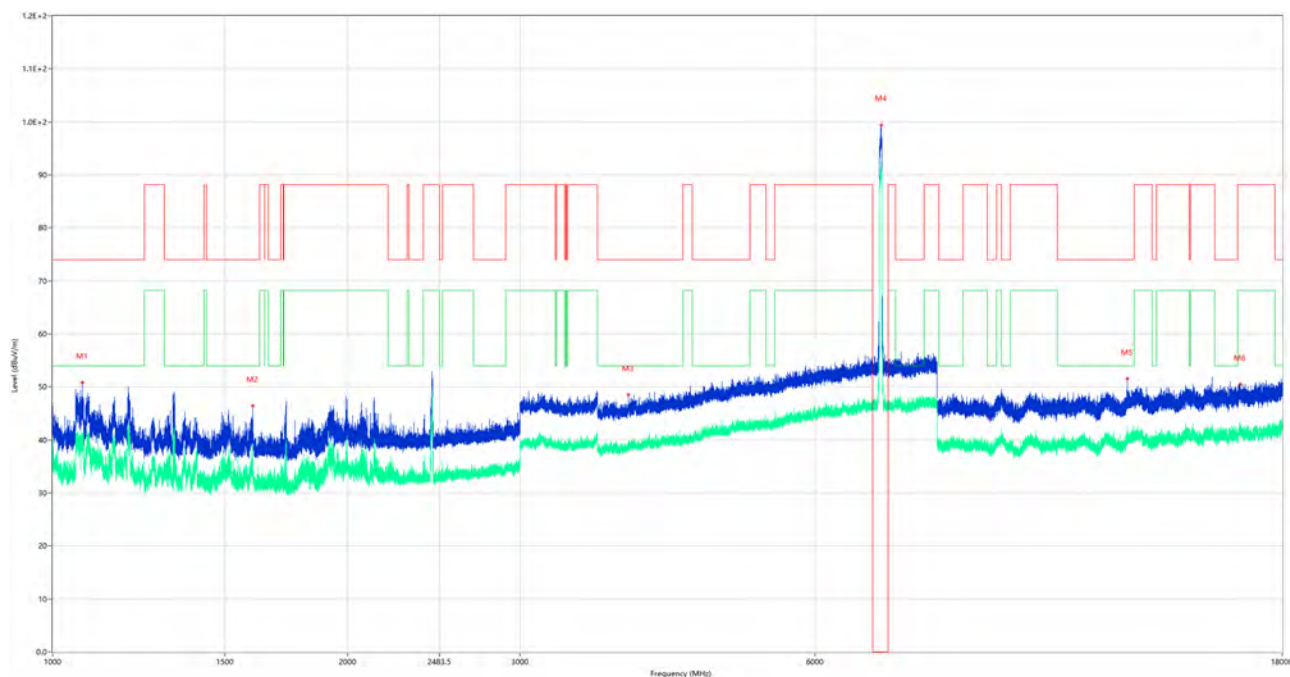
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1088.500	50.81	-16.40	74.0	23.19	Peak	188.00	150	Horizontal	Pass
1**	1088.500	38.79	-16.40	54.0	15.21	AV	188.00	150	Horizontal	Pass
2	1333.300	50.56	-16.28	74.0	23.44	Peak	126.00	150	Horizontal	Pass
2**	1333.300	36.90	-16.28	54.0	17.10	AV	126.00	150	Horizontal	Pass
3	4259.250	49.58	-3.05	74.0	24.42	Peak	360.00	150	Horizontal	Pass
3**	4259.250	39.41	-3.05	54.0	14.59	AV	360.00	150	Horizontal	Pass
4	7010.500	100.10	2.48	--	16.90	Peak	117.00	150	Horizontal	N/A
4**	7010.500	90.85	2.48	--	-90.85	AV	117.00	150	Horizontal	N/A
5	11292.463	49.81	-1.51	74.0	24.19	Peak	118.00	150	Horizontal	Pass
5**	11292.463	40.28	-1.51	54.0	13.72	AV	118.00	150	Horizontal	Pass
6	16064.062	50.69	1.90	74.0	23.31	Peak	0.00	150	Horizontal	Pass
6**	16064.062	41.65	1.90	54.0	12.35	AV	0.00	150	Horizontal	Pass

111be20, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



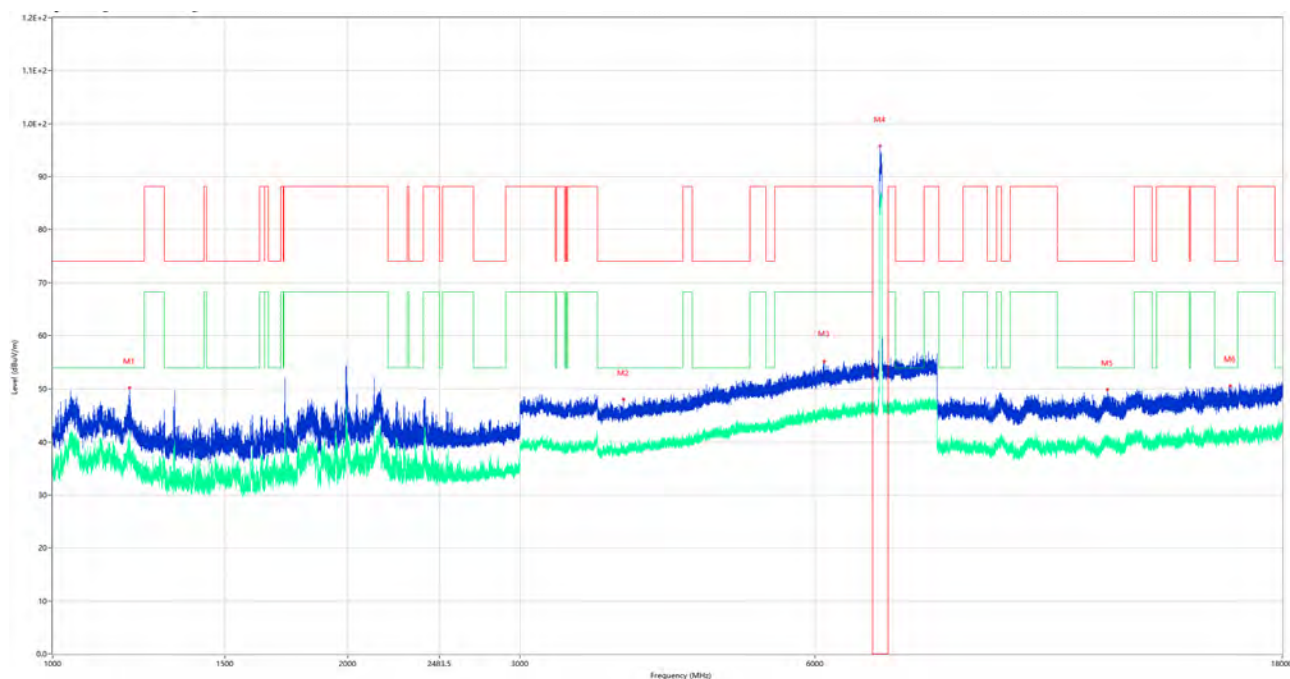
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1194.900	51.78	-16.18	74.0	22.22	Peak	360.00	150	Vertical	Pass
1**	1194.900	36.00	-16.18	54.0	18.00	AV	360.00	150	Vertical	Pass
2	1664.100	46.08	-16.22	74.0	27.92	Peak	101.00	150	Vertical	Pass
2**	1664.100	35.34	-16.22	54.0	18.66	AV	101.00	150	Vertical	Pass
3	4643.000	51.28	-1.96	74.0	22.72	Peak	286.00	150	Vertical	Pass
3**	4643.000	40.71	-1.96	54.0	13.29	AV	286.00	150	Vertical	Pass
4	7013.750	95.23	2.48	--	-30.23	Peak	65.00	150	Vertical	N/A
4**	7013.750	86.53	2.48	--	-86.53	AV	65.00	150	Vertical	N/A
5	11978.362	49.26	-1.01	74.0	24.74	Peak	261.00	150	Vertical	Pass
5**	11978.362	39.94	-1.01	54.0	14.06	AV	261.00	150	Vertical	Pass
6	15717.300	50.92	1.31	74.0	23.08	Peak	222.00	150	Vertical	Pass
6**	15717.300	41.23	1.31	54.0	12.77	AV	222.00	150	Vertical	Pass

11be40, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



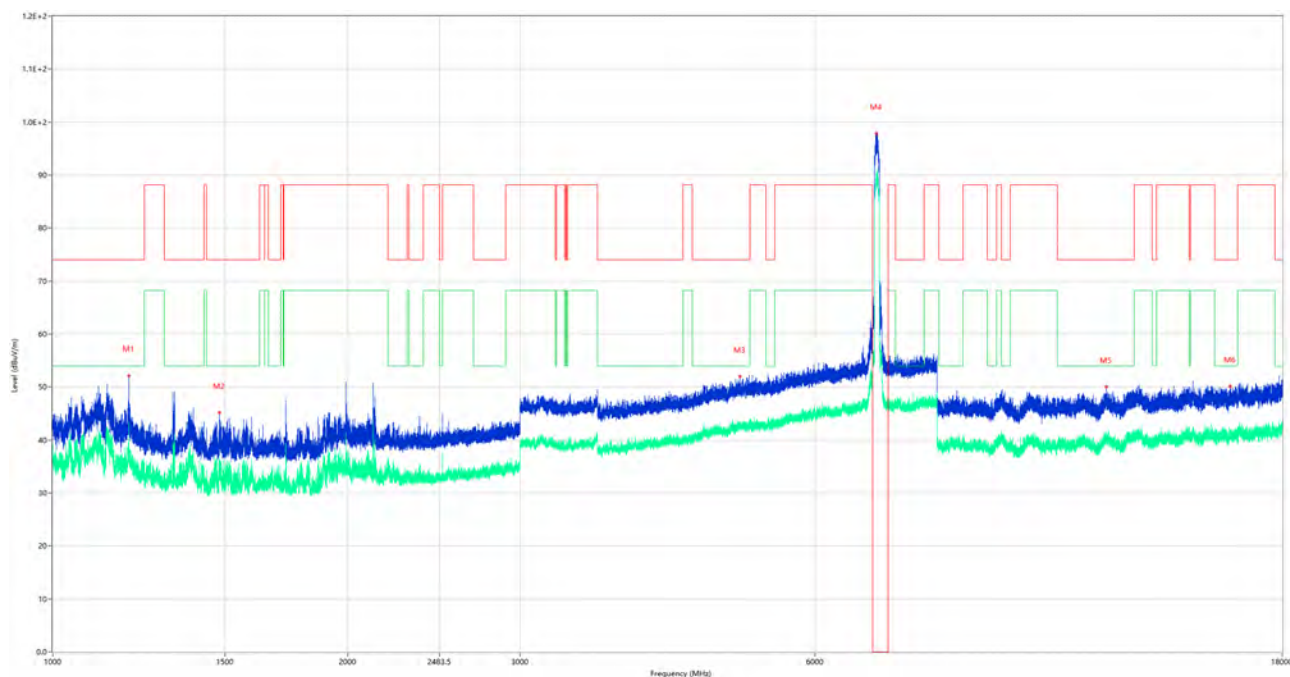
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1072.800	50.80	-16.23	74.0	23.20	Peak	199.00	150	Horizontal	Pass
1**	1072.800	38.35	-16.23	54.0	15.65	AV	199.00	150	Horizontal	Pass
2	1600.400	46.39	-16.26	74.0	27.61	Peak	137.00	150	Horizontal	Pass
2**	1600.400	35.84	-16.26	54.0	18.16	AV	137.00	150	Horizontal	Pass
3	3871.500	48.52	-4.26	74.0	25.48	Peak	302.00	150	Horizontal	Pass
3**	3871.500	38.74	-4.26	54.0	15.26	AV	302.00	150	Horizontal	Pass
4	7008.250	99.43	2.31	--	100.57	Peak	200.00	150	Horizontal	N/A
4**	7008.250	92.41	2.31	--	-92.41	AV	200.00	150	Horizontal	N/A
5	12500.388	51.58	-0.07	74.0	22.42	Peak	236.00	150	Horizontal	Pass
5**	12500.388	40.34	-0.07	54.0	13.66	AV	236.00	150	Horizontal	Pass
6	16308.975	50.45	2.15	88.2	37.75	Peak	223.00	150	Horizontal	Pass
6**	16308.975	41.40	2.15	68.2	26.80	AV	223.00	150	Horizontal	Pass

11be40, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



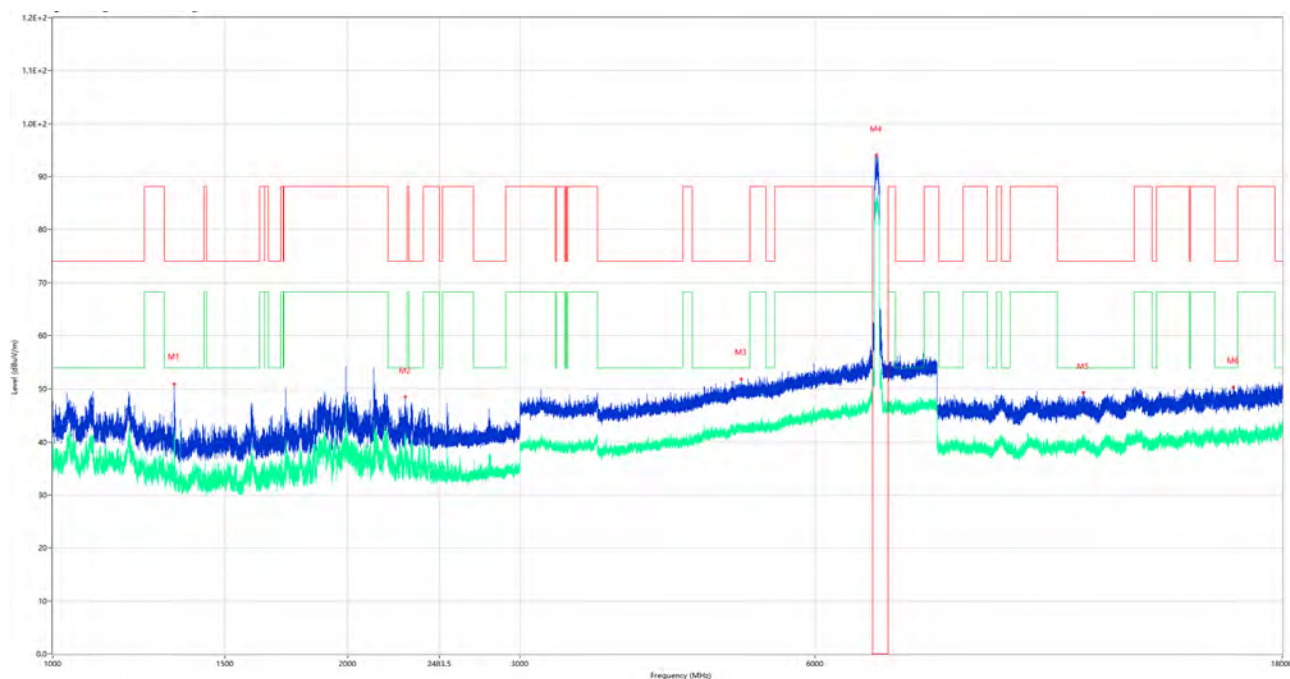
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.200	50.26	-16.20	74.0	23.74	Peak	360.00	150	Vertical	Pass
1**	1197.200	37.27	-16.20	54.0	16.73	AV	360.00	150	Vertical	Pass
2	3827.500	48.05	-4.33	74.0	25.95	Peak	0.00	150	Vertical	Pass
2**	3827.500	38.22	-4.33	54.0	15.78	AV	0.00	150	Vertical	Pass
3	6131.500	55.26	1.06	88.2	32.94	Peak	186.00	150	Vertical	Pass
3**	6131.500	45.44	1.06	68.2	22.76	AV	186.00	150	Vertical	Pass
4	6997.000	95.80	1.82	--	-63.80	Peak	32.00	150	Vertical	N/A
4**	6997.000	85.48	1.82	--	-85.48	AV	32.00	150	Vertical	N/A
5	11936.088	49.89	-1.14	74.0	24.11	Peak	70.00	150	Vertical	Pass
5**	11936.088	39.88	-1.14	54.0	14.12	AV	70.00	150	Vertical	Pass
6	15924.675	50.59	1.29	74.0	23.41	Peak	291.00	150	Vertical	Pass
6**	15924.675	40.97	1.29	54.0	13.03	AV	291.00	150	Vertical	Pass

11be80, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



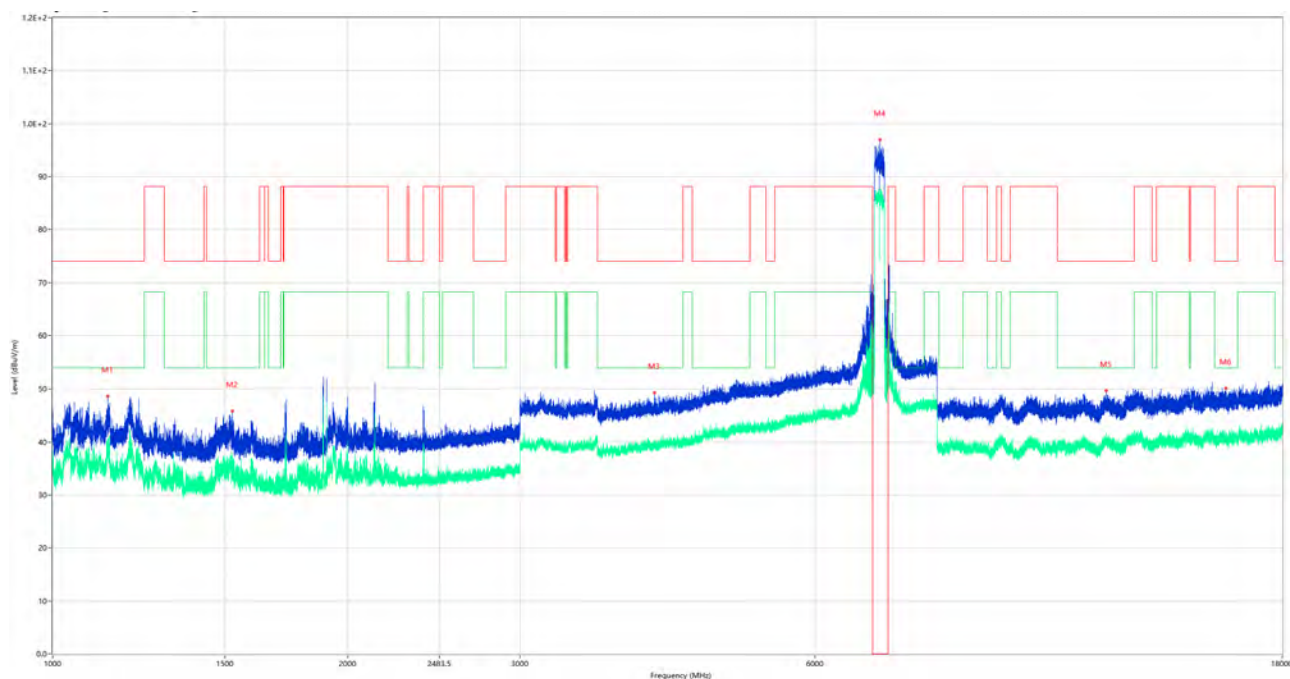
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.600	52.16	-16.19	74.0	21.84	Peak	197.00	150	Horizontal	Pass
1**	1195.600	41.82	-16.19	54.0	12.18	AV	197.00	150	Horizontal	Pass
2	1480.100	45.18	-16.34	74.0	28.82	Peak	182.00	150	Horizontal	Pass
2**	1480.100	32.94	-16.34	54.0	21.06	AV	182.00	150	Horizontal	Pass
3	5028.500	52.00	-0.76	74.0	22.00	Peak	360.00	150	Horizontal	Pass
3**	5028.500	43.13	-0.76	54.0	10.87	AV	360.00	150	Horizontal	Pass
4	6936.500	97.89	1.43	--	101.11	Peak	199.00	150	Horizontal	N/A
4**	6936.500	88.32	1.43	--	-88.32	AV	199.00	150	Horizontal	N/A
5	11906.400	49.98	-0.90	74.0	24.02	Peak	332.00	150	Horizontal	Pass
5**	11906.400	39.95	-0.90	54.0	14.05	AV	332.00	150	Horizontal	Pass
6	15925.200	50.18	1.26	74.0	23.82	Peak	292.00	150	Horizontal	Pass
6**	15925.200	40.48	1.26	54.0	13.52	AV	292.00	150	Horizontal	Pass

11be80, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



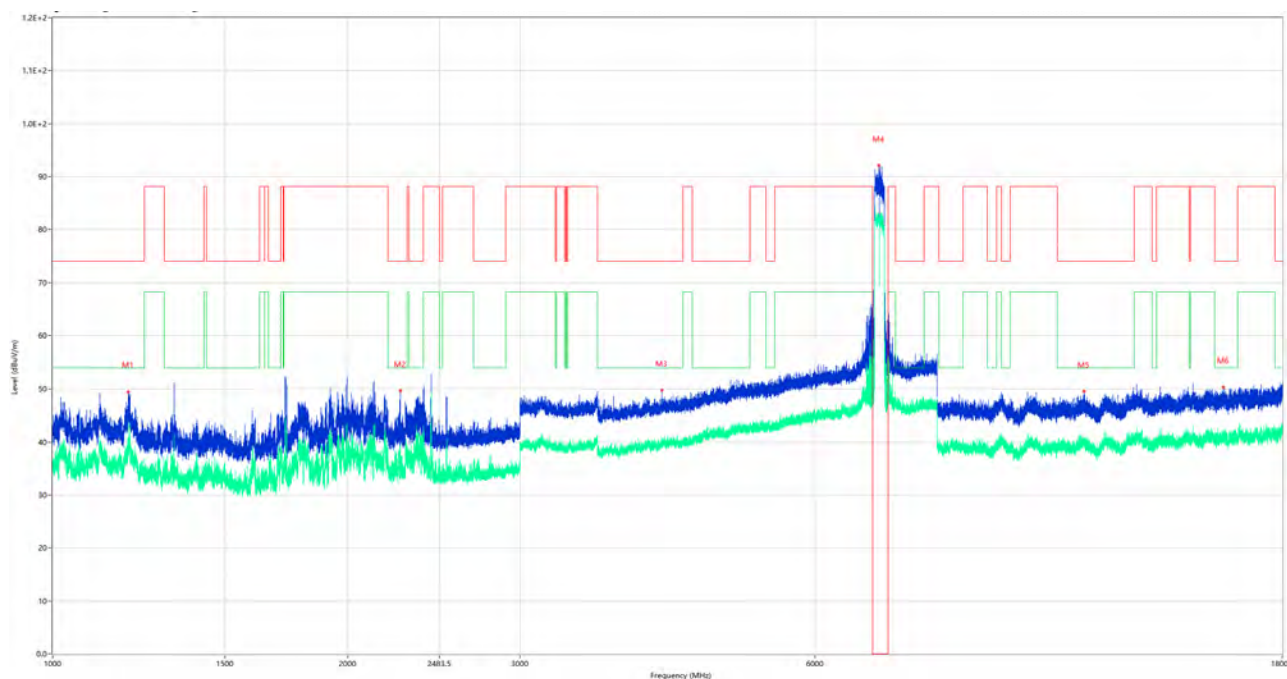
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.800	51.01	-16.26	74.0	22.99	Peak	123.00	150	Vertical	Pass
1**	1330.800	42.22	-16.26	54.0	11.78	AV	123.00	150	Vertical	Pass
2	2291.400	48.57	-13.23	74.0	25.43	Peak	101.00	150	Vertical	Pass
2**	2291.400	38.33	-13.23	54.0	15.67	AV	101.00	150	Vertical	Pass
3	5044.750	51.86	-1.13	74.0	22.14	Peak	0.00	150	Vertical	Pass
3**	5044.750	42.24	-1.13	54.0	11.76	AV	0.00	150	Vertical	Pass
4	6936.750	94.02	1.43	--	-79.02	Peak	15.00	150	Vertical	N/A
4**	6936.750	84.85	1.43	--	-84.85	AV	15.00	150	Vertical	N/A
5	11281.537	49.36	-1.31	74.0	24.64	Peak	20.00	150	Vertical	Pass
5**	11281.537	39.86	-1.31	54.0	14.14	AV	20.00	150	Vertical	Pass
6	16050.938	50.39	1.51	74.0	23.61	Peak	50.00	150	Vertical	Pass
6**	16050.938	41.58	1.51	54.0	12.42	AV	50.00	150	Vertical	Pass

11be160, U-NII-8, 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	1138.600	48.67	-16.23	74.0	25.33	Peak	210.00	150	Horizontal	Pass
1**	1138.600	39.94	-16.23	54.0	14.06	AV	210.00	150	Horizontal	Pass
2	1525.400	45.89	-16.30	74.0	28.11	Peak	194.00	150	Horizontal	Pass
2**	1525.400	33.49	-16.30	54.0	20.51	AV	194.00	150	Horizontal	Pass
3	4114.000	49.34	-2.98	74.0	24.66	Peak	360.00	150	Horizontal	Pass
3**	4114.000	39.49	-2.98	54.0	14.51	AV	360.00	150	Horizontal	Pass
4	6993.750	96.90	1.78	--	78.10	Peak	175.00	150	Horizontal	N/A
4**	6993.750	85.40	1.78	--	-85.40	AV	175.00	150	Horizontal	N/A
5	11904.263	49.64	-0.79	74.0	24.36	Peak	314.00	150	Horizontal	Pass
5**	11904.263	40.69	-0.79	54.0	13.31	AV	314.00	150	Horizontal	Pass
6	15765.075	50.17	1.02	74.0	23.83	Peak	33.00	150	Horizontal	Pass
6**	15765.075	41.63	1.02	54.0	12.37	AV	33.00	150	Horizontal	Pass

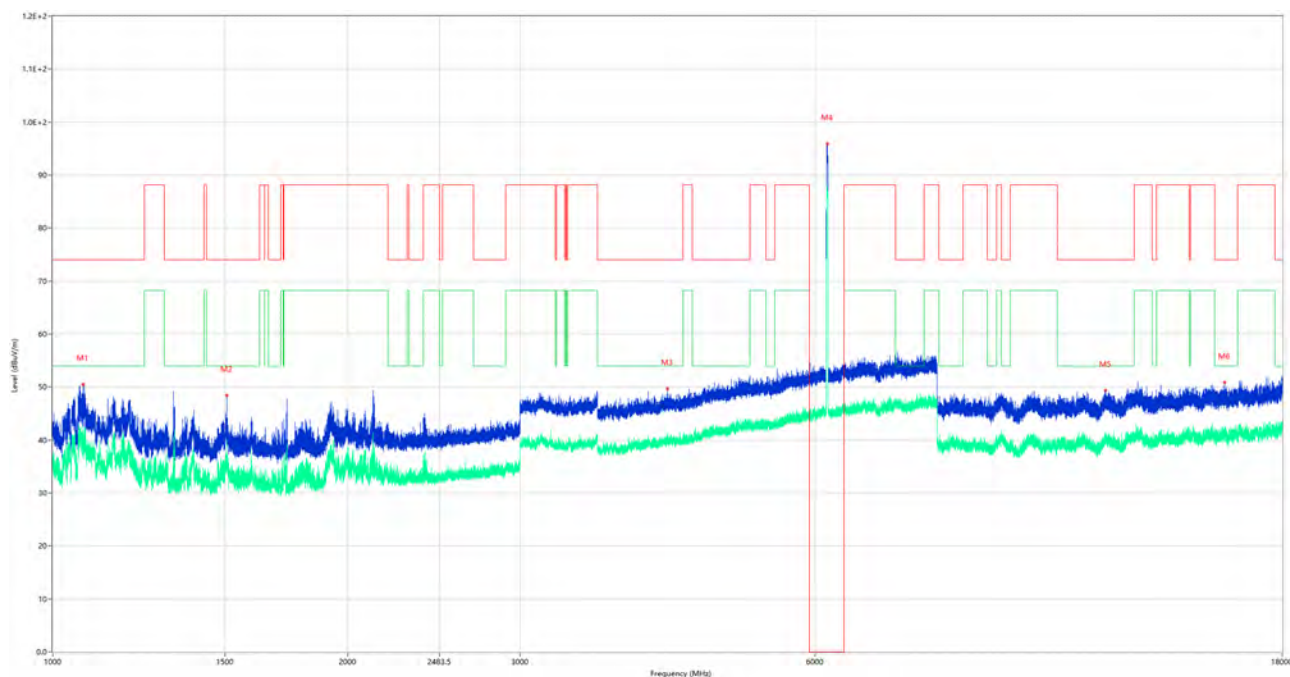
11be160, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.000	49.52	-16.18	74.0	24.48	Peak	339.00	150	Vertical	Pass
1**	1195.000	38.00	-16.18	54.0	16.00	AV	339.00	150	Vertical	Pass
2	2262.800	49.75	-13.02	74.0	24.25	Peak	138.00	150	Vertical	Pass
2**	2262.800	35.25	-13.02	54.0	18.75	AV	138.00	150	Vertical	Pass
3	4187.750	49.80	-2.92	74.0	24.20	Peak	331.00	150	Vertical	Pass
3**	4187.750	39.71	-2.92	54.0	14.29	AV	331.00	150	Vertical	Pass
4	6968.250	92.07	1.53	--	-15.07	Peak	77.00	150	Vertical	N/A
4**	6968.250	81.46	1.53	--	-81.46	AV	77.00	150	Vertical	N/A
5	11297.688	49.53	-1.63	74.0	24.47	Peak	0.00	150	Vertical	Pass
5**	11297.688	39.58	-1.63	54.0	14.42	AV	0.00	150	Vertical	Pass
6	15671.099	50.35	1.65	74.0	23.65	Peak	0.00	150	Vertical	Pass
6**	15671.099	41.12	1.65	54.0	12.88	AV	0.00	150	Vertical	Pass

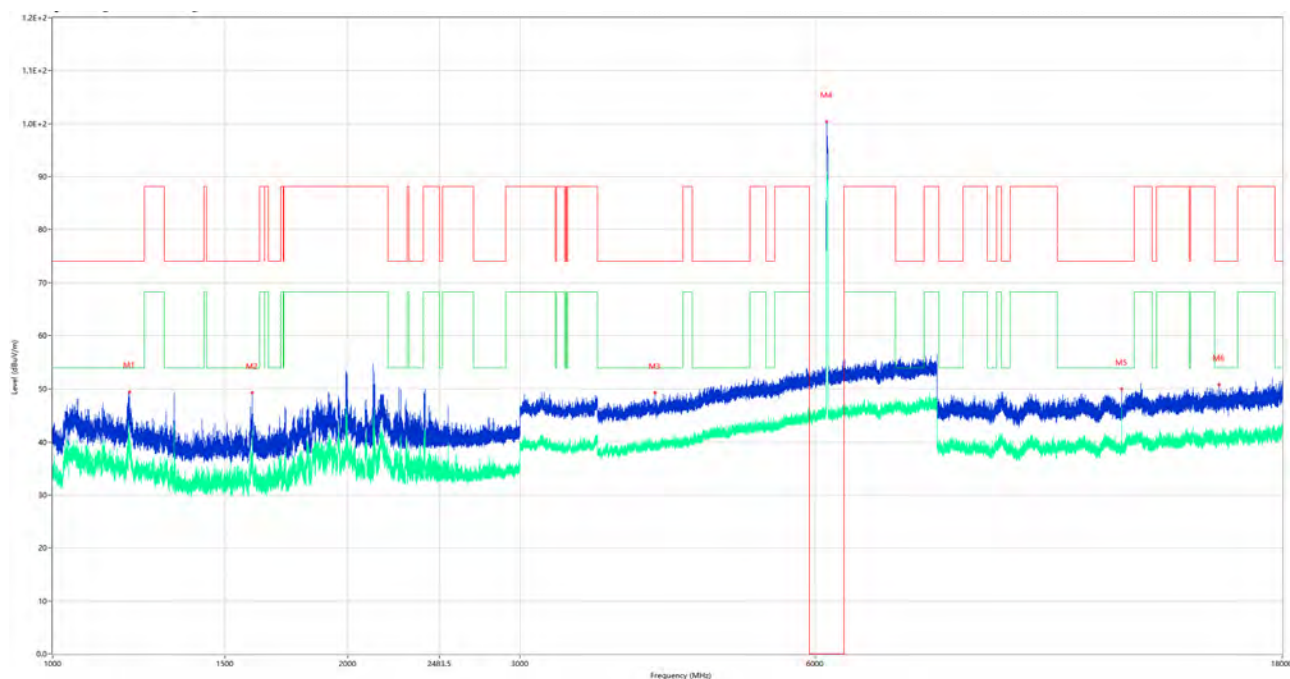
Aux. Antenna:

11ax20(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



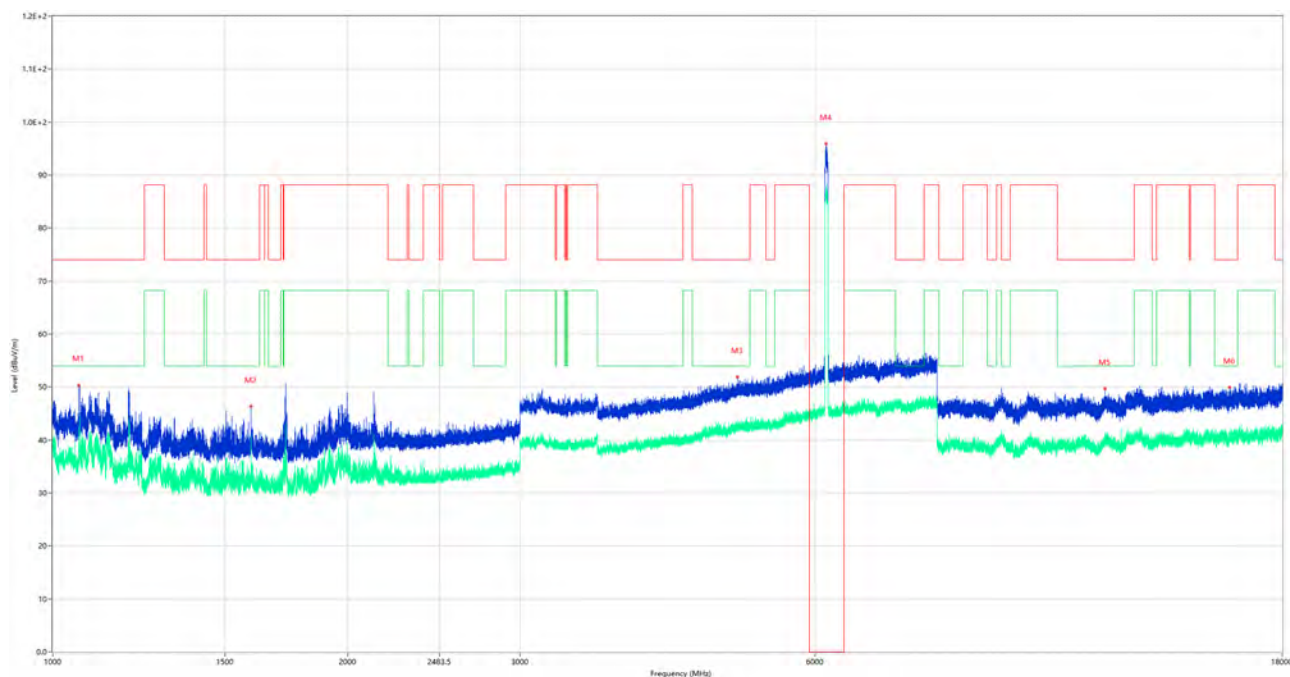
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1073.300	50.47	-16.24	74.0	23.53	Peak	190.00	150	Horizontal	Pass
1**	1073.300	41.53	-16.24	54.0	12.47	AV	190.00	150	Horizontal	Pass
2	1506.300	48.42	-16.25	74.0	25.58	Peak	190.00	150	Horizontal	Pass
2**	1506.300	35.65	-16.25	54.0	18.35	AV	190.00	150	Horizontal	Pass
3	4240.250	49.67	-2.48	74.0	24.33	Peak	236.00	150	Horizontal	Pass
3**	4240.250	40.62	-2.48	54.0	13.38	AV	236.00	150	Horizontal	Pass
4	6176.000	95.87	1.17	--	-30.87	Peak	65.00	150	Horizontal	N/A
4**	6176.000	86.22	1.17	--	-86.22	AV	65.00	150	Horizontal	N/A
5	11886.687	49.29	-1.13	74.0	24.71	Peak	331.00	150	Horizontal	Pass
5**	11886.687	39.87	-1.13	54.0	14.13	AV	331.00	150	Horizontal	Pass
6	15724.387	50.85	1.28	74.0	23.15	Peak	360.00	150	Horizontal	Pass
6**	15724.387	40.70	1.28	54.0	13.30	AV	360.00	150	Horizontal	Pass

11ax20(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



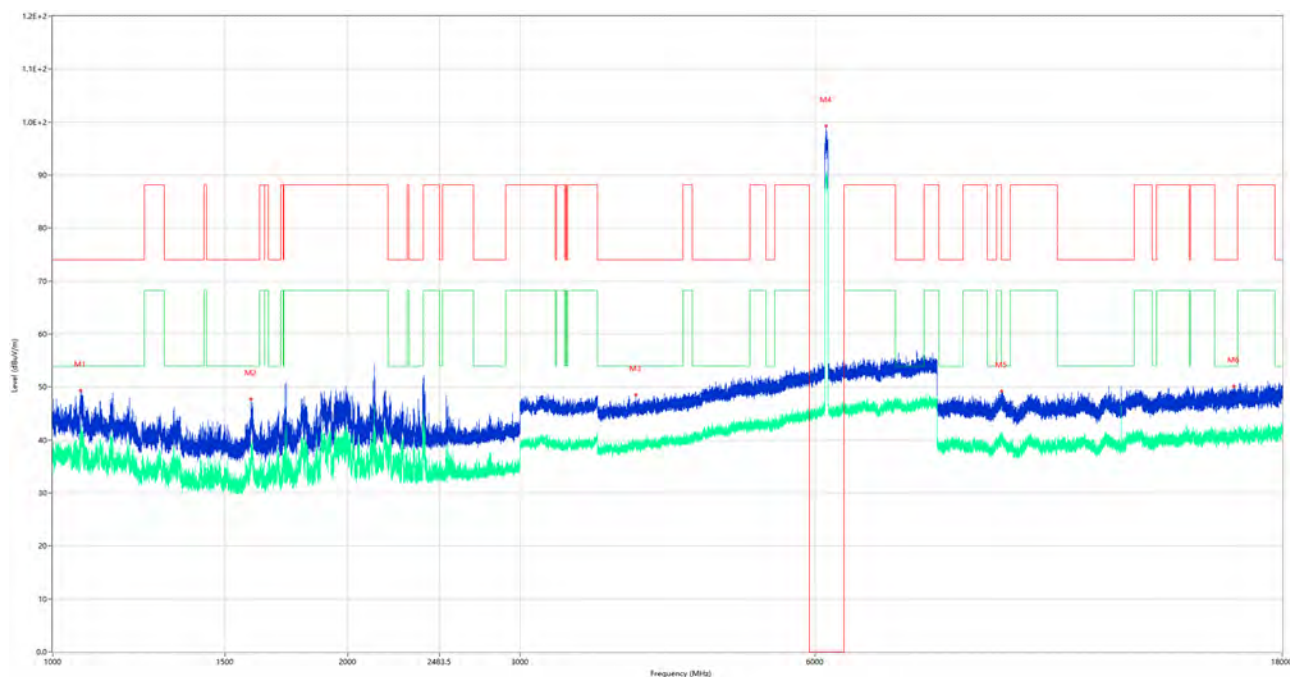
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.500	49.50	-16.20	74.0	24.50	Peak	355.00	150	Vertical	Pass
1**	1197.500	41.50	-16.20	54.0	12.50	AV	355.00	150	Vertical	Pass
2	1597.800	49.32	-16.25	74.0	24.68	Peak	129.00	150	Vertical	Pass
2**	1597.800	36.96	-16.25	54.0	17.04	AV	129.00	150	Vertical	Pass
3	4123.750	49.35	-3.40	74.0	24.65	Peak	132.00	150	Vertical	Pass
3**	4123.750	39.46	-3.40	54.0	14.54	AV	132.00	150	Vertical	Pass
4	6172.500	100.39	1.29	--	66.61	Peak	167.00	150	Vertical	N/A
4**	6172.500	90.23	1.29	--	-90.23	AV	167.00	150	Vertical	N/A
5	12349.813	50.00	-0.85	74.0	24.00	Peak	44.00	150	Vertical	Pass
5**	12349.813	46.00	-0.85	54.0	8.00	AV	44.00	150	Vertical	Pass
6	15525.412	50.90	0.30	74.0	23.10	Peak	224.00	150	Vertical	Pass
6**	15525.412	39.91	0.30	54.0	14.09	AV	224.00	150	Vertical	Pass

11ax40(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



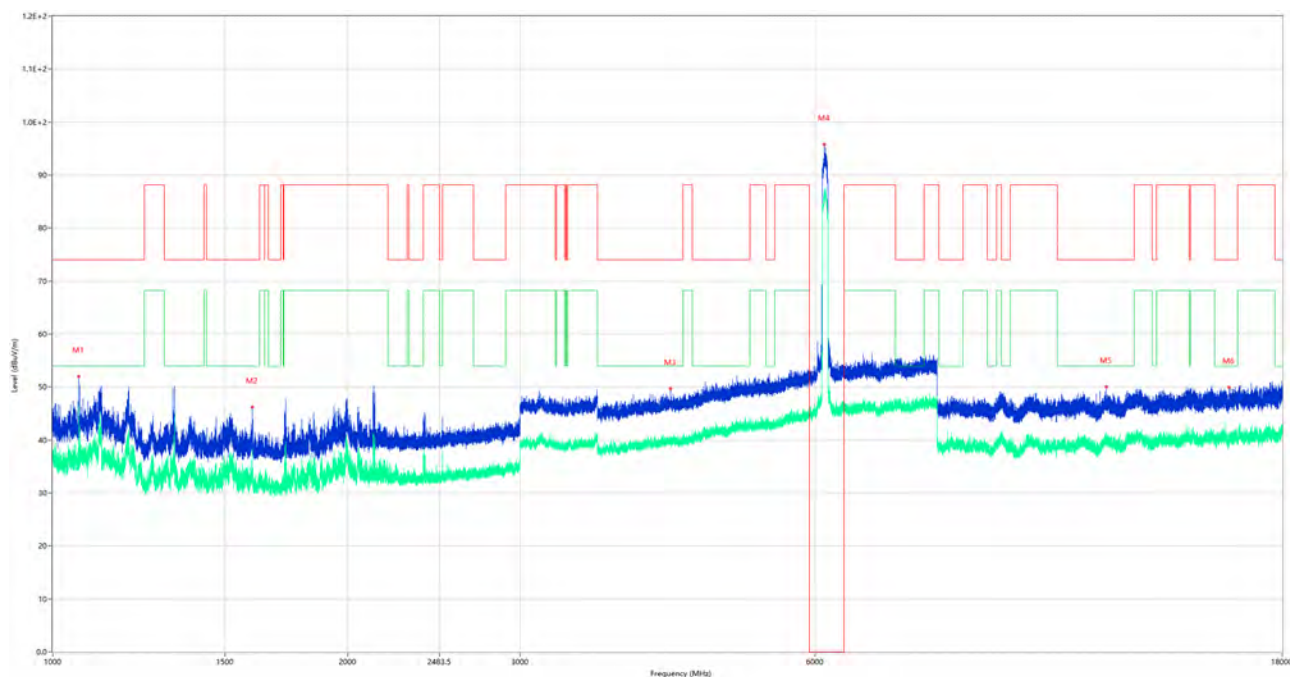
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.700	50.32	-16.24	74.0	23.68	Peak	196.00	150	Horizontal	Pass
1**	1063.700	42.57	-16.24	54.0	11.43	AV	196.00	150	Horizontal	Pass
2	1593.000	46.31	-16.31	74.0	27.69	Peak	196.00	150	Horizontal	Pass
2**	1593.000	36.84	-16.31	54.0	17.16	AV	196.00	150	Horizontal	Pass
3	5000.250	51.89	-0.86	74.0	22.11	Peak	0.00	150	Horizontal	Pass
3**	5000.250	41.74	-0.86	54.0	12.26	AV	0.00	150	Horizontal	Pass
4	6159.500	95.93	1.55	--	-31.93	Peak	64.00	150	Horizontal	N/A
4**	6159.500	86.60	1.55	--	-86.60	AV	64.00	150	Horizontal	N/A
5	11873.388	49.66	-0.75	74.0	24.34	Peak	6.00	150	Horizontal	Pass
5**	11873.388	39.79	-0.75	54.0	14.21	AV	6.00	150	Horizontal	Pass
6	15896.588	49.90	1.75	74.0	24.10	Peak	48.00	150	Horizontal	Pass
6**	15896.588	40.18	1.75	54.0	13.82	AV	48.00	150	Horizontal	Pass

11ax40(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



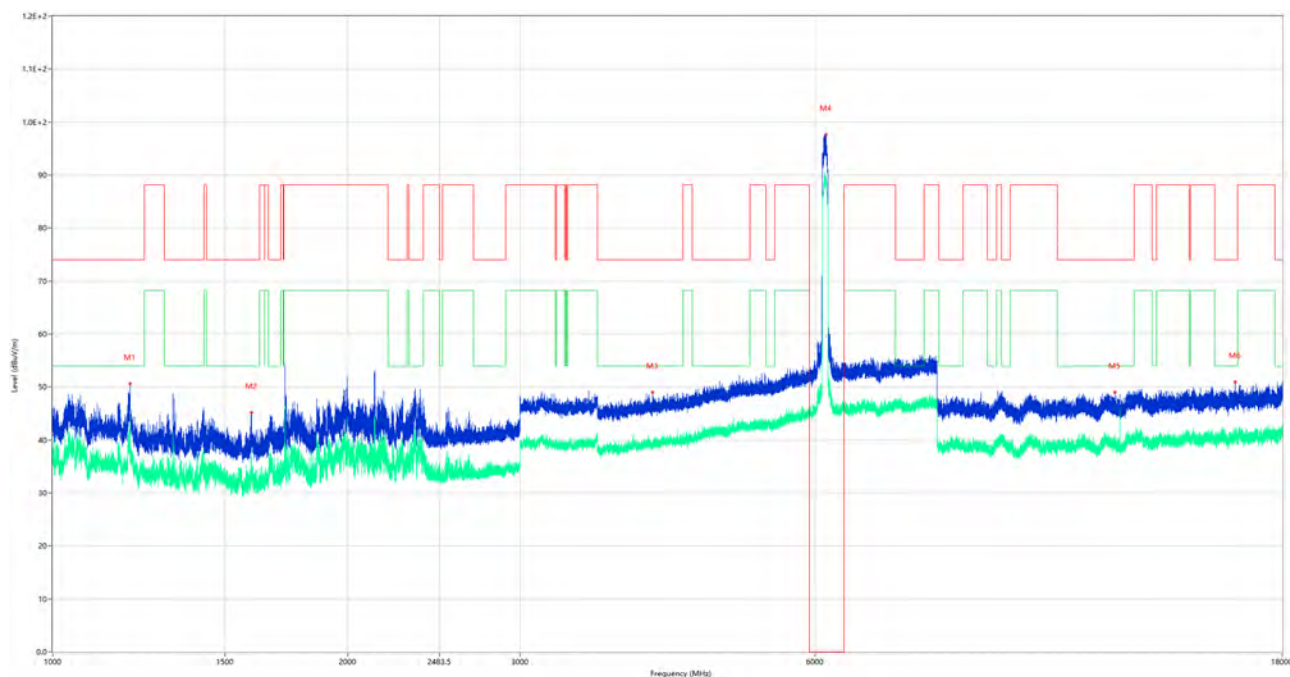
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1068.000	49.31	-16.20	74.0	24.69	Peak	246.00	150	Vertical	Pass
1**	1068.000	40.42	-16.20	54.0	13.58	AV	246.00	150	Vertical	Pass
2	1594.100	47.74	-16.31	74.0	26.26	Peak	111.00	150	Vertical	Pass
2**	1594.100	36.95	-16.31	54.0	17.05	AV	111.00	150	Vertical	Pass
3	3936.000	48.50	-3.01	74.0	25.50	Peak	66.00	150	Vertical	Pass
3**	3936.000	38.77	-3.01	54.0	15.23	AV	66.00	150	Vertical	Pass
4	6159.000	99.29	1.56	--	70.71	Peak	170.00	150	Vertical	N/A
4**	6159.000	90.51	1.56	--	-90.51	AV	170.00	150	Vertical	N/A
5	9307.912	49.26	-1.83	74.0	24.74	Peak	310.00	150	Vertical	Pass
5**	9307.912	40.14	-1.83	54.0	13.86	AV	310.00	150	Vertical	Pass
6	16069.838	50.17	1.82	74.0	23.83	Peak	360.00	150	Vertical	Pass
6**	16069.838	40.50	1.82	54.0	13.50	AV	360.00	150	Vertical	Pass

11ax80(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



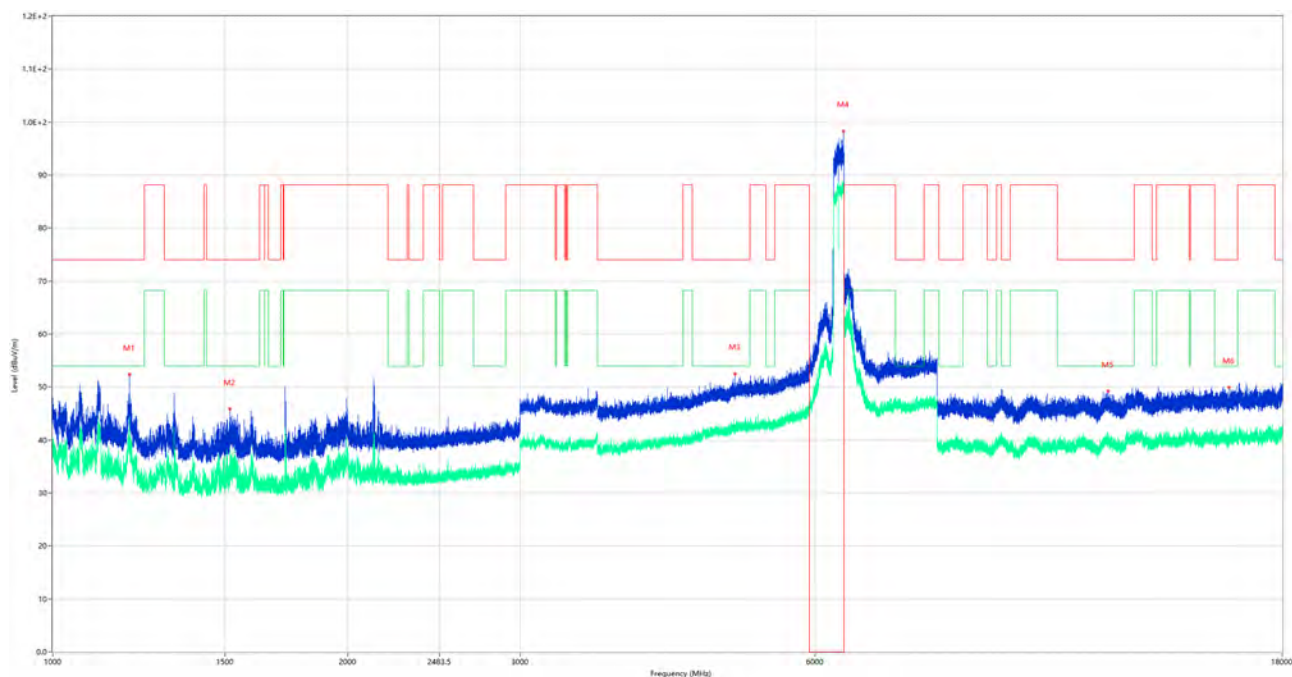
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1062.800	52.03	-16.27	74.0	21.97	Peak	213.00	150	Horizontal	Pass
1**	1062.800	40.33	-16.27	54.0	13.67	AV	213.00	150	Horizontal	Pass
2	1598.300	46.21	-16.26	74.0	27.79	Peak	192.00	150	Horizontal	Pass
2**	1598.300	33.78	-16.26	54.0	20.22	AV	192.00	150	Horizontal	Pass
3	4275.250	49.71	-2.34	74.0	24.29	Peak	253.00	150	Horizontal	Pass
3**	4275.250	39.70	-2.34	54.0	14.30	AV	253.00	150	Horizontal	Pass
4	6132.000	95.82	1.06	--	190.18	Peak	286.00	150	Horizontal	N/A
4**	6132.000	85.75	1.06	--	-85.75	AV	286.00	150	Horizontal	N/A
5	11904.026	49.99	-0.79	74.0	24.01	Peak	65.00	150	Horizontal	Pass
5**	11904.026	39.85	-0.79	54.0	14.15	AV	65.00	150	Horizontal	Pass
6	15880.575	49.97	1.74	74.0	24.03	Peak	359.00	150	Horizontal	Pass
6**	15880.575	40.73	1.74	54.0	13.27	AV	359.00	150	Horizontal	Pass

11ax80(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



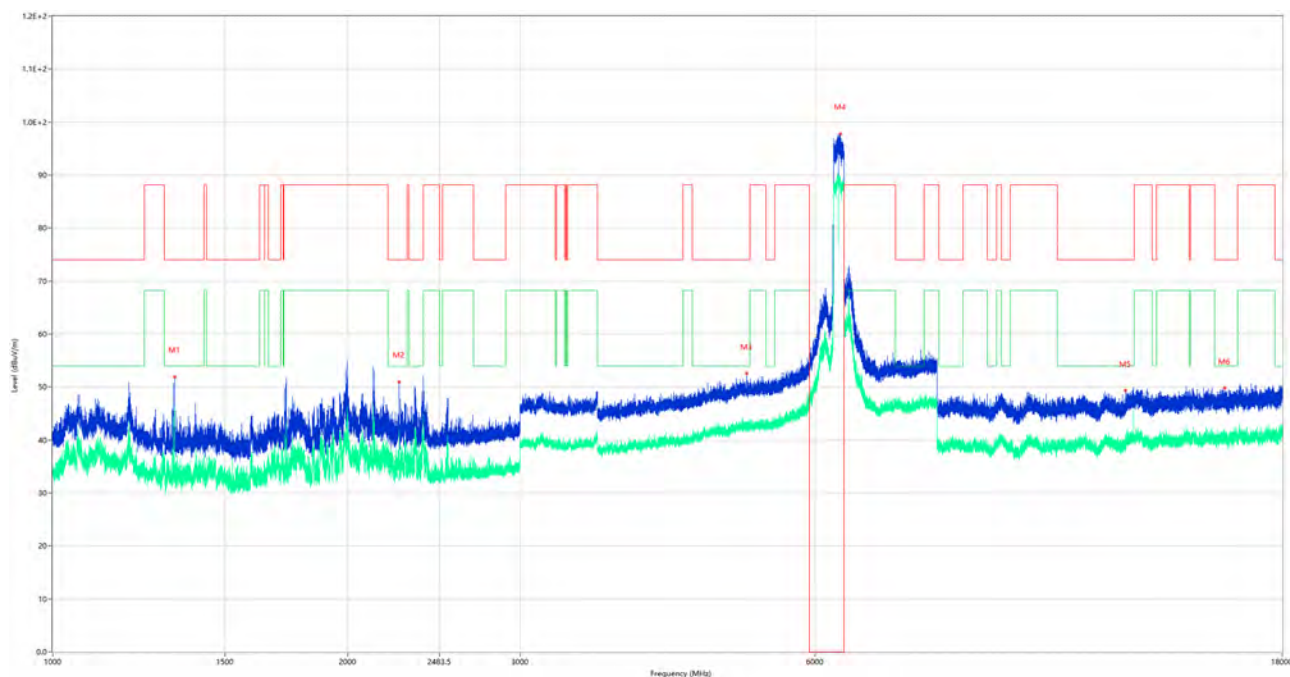
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1199.000	50.64	-16.20	74.0	23.36	Peak	360.00	150	Vertical	Pass
1**	1199.000	40.22	-16.20	54.0	13.78	AV	360.00	150	Vertical	Pass
2	1595.700	45.20	-16.31	74.0	28.80	Peak	132.00	150	Vertical	Pass
2**	1595.700	38.44	-16.31	54.0	15.56	AV	132.00	150	Vertical	Pass
3	4095.250	48.96	-3.75	74.0	25.04	Peak	360.00	150	Vertical	Pass
3**	4095.250	39.08	-3.75	54.0	14.92	AV	360.00	150	Vertical	Pass
4	6160.250	97.59	1.51	--	70.41	Peak	168.00	150	Vertical	N/A
4**	6160.250	88.36	1.51	--	-88.36	AV	168.00	150	Vertical	N/A
5	12137.962	48.98	-1.24	74.0	25.02	Peak	360.00	150	Vertical	Pass
5**	12137.962	39.48	-1.24	54.0	14.52	AV	360.00	150	Vertical	Pass
6	16111.313	50.97	1.74	74.0	23.03	Peak	49.00	150	Vertical	Pass
6**	16111.313	40.23	1.74	54.0	13.77	AV	49.00	150	Vertical	Pass

11ax160(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



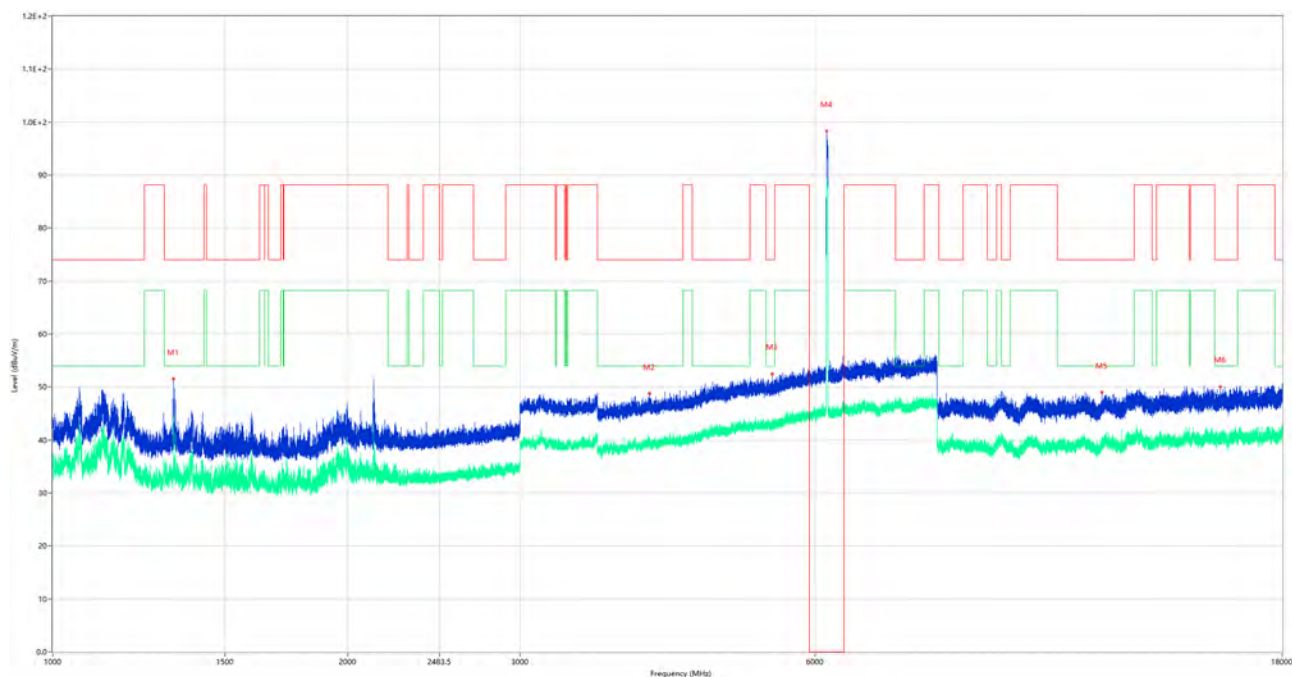
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.600	52.32	-16.20	74.0	21.68	Peak	194.00	150	Horizontal	Pass
1**	1197.600	41.04	-16.20	54.0	12.96	AV	194.00	150	Horizontal	Pass
2	1517.600	45.83	-16.32	74.0	28.17	Peak	188.00	150	Horizontal	Pass
2**	1517.600	34.41	-16.32	54.0	19.59	AV	188.00	150	Horizontal	Pass
3	4976.000	52.52	-1.26	74.0	21.48	Peak	321.00	150	Horizontal	Pass
3**	4976.000	41.31	-1.26	54.0	12.69	AV	321.00	150	Horizontal	Pass
4	6418.250	98.28	2.00	--	189.72	Peak	288.00	150	Horizontal	N/A
4**	6418.250	87.07	2.00	--	-87.07	AV	288.00	150	Horizontal	N/A
5	11959.363	49.21	-1.00	74.0	24.79	Peak	17.00	150	Horizontal	Pass
5**	11959.363	39.89	-1.00	54.0	14.11	AV	17.00	150	Horizontal	Pass
6	15883.201	49.93	1.55	74.0	24.07	Peak	187.00	150	Horizontal	Pass
6**	15883.201	40.89	1.55	54.0	13.11	AV	187.00	150	Horizontal	Pass

11ax160(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



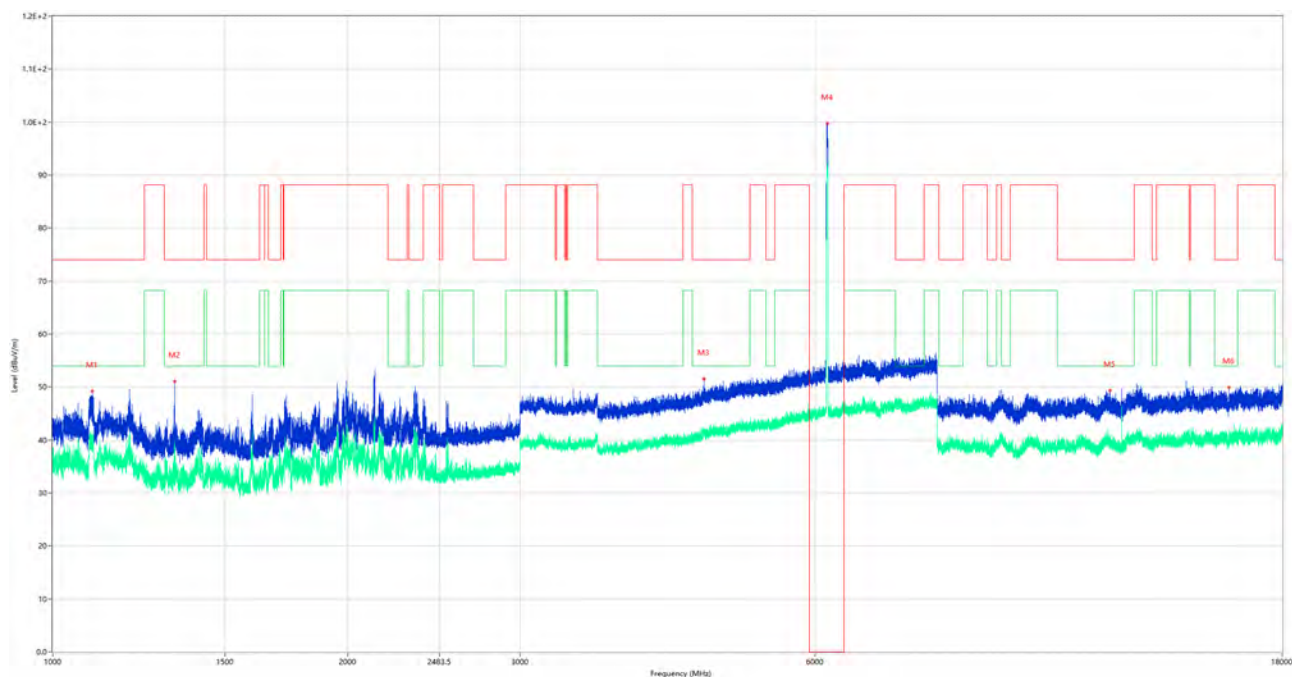
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1332.100	51.95	-16.28	74.0	22.05	Peak	84.00	150	Vertical	Pass
1**	1332.100	36.26	-16.28	54.0	17.74	AV	84.00	150	Vertical	Pass
2	2258.100	50.98	-12.80	74.0	23.02	Peak	99.00	150	Vertical	Pass
2**	2258.100	33.52	-12.80	54.0	20.48	AV	99.00	150	Vertical	Pass
3	5115.750	52.58	-0.82	74.0	21.42	Peak	187.00	150	Vertical	Pass
3**	5115.750	42.17	-0.82	54.0	11.83	AV	187.00	150	Vertical	Pass
4	6368.000	97.81	1.52	--	72.19	Peak	170.00	150	Vertical	N/A
4**	6368.000	88.36	1.52	--	-88.36	AV	170.00	150	Vertical	N/A
5	12453.838	49.30	-0.25	74.0	24.70	Peak	260.00	150	Vertical	Pass
5**	12453.838	39.40	-0.25	54.0	14.60	AV	260.00	150	Vertical	Pass
6	15723.076	49.85	1.37	74.0	24.15	Peak	222.00	150	Vertical	Pass
6**	15723.076	41.35	1.37	54.0	12.65	AV	222.00	150	Vertical	Pass

11be20, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



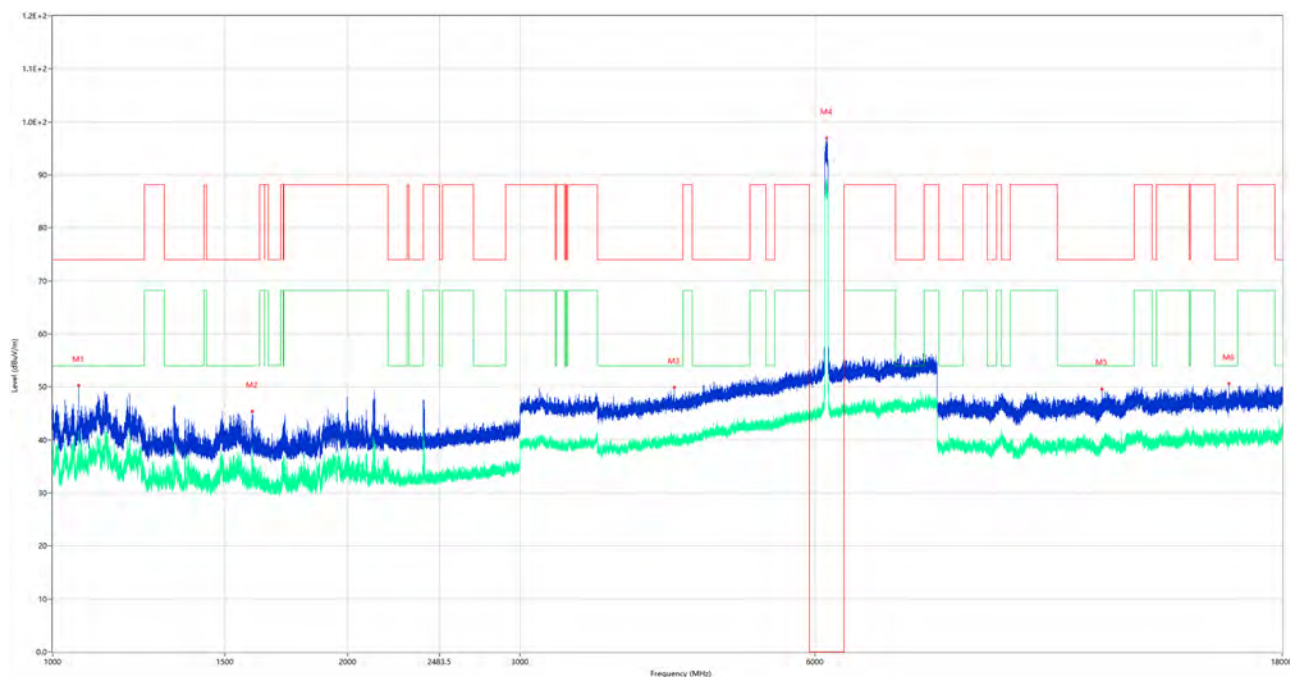
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1327.600	51.50	-16.26	74.0	22.50	Peak	130.00	150	Horizontal	Pass
1**	1327.600	35.37	-16.26	54.0	18.63	AV	130.00	150	Horizontal	Pass
2	4069.000	48.78	-3.44	74.0	25.22	Peak	185.00	150	Horizontal	Pass
2**	4069.000	39.21	-3.44	54.0	14.79	AV	185.00	150	Horizontal	Pass
3	5425.500	52.49	-0.83	74.0	21.51	Peak	285.00	150	Horizontal	Pass
3**	5425.500	42.37	-0.83	54.0	11.63	AV	285.00	150	Horizontal	Pass
4	6170.500	98.29	1.30	--	186.71	Peak	285.00	150	Horizontal	N/A
4**	6170.500	88.45	1.30	--	-88.45	AV	285.00	150	Horizontal	N/A
5	11787.888	48.97	-1.52	74.0	25.03	Peak	44.00	150	Horizontal	Pass
5**	11787.888	39.53	-1.52	54.0	14.47	AV	44.00	150	Horizontal	Pass
6	15556.388	50.04	0.52	74.0	23.96	Peak	360.00	150	Horizontal	Pass
6**	15556.388	39.84	0.52	54.0	14.16	AV	360.00	150	Horizontal	Pass

111be20, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



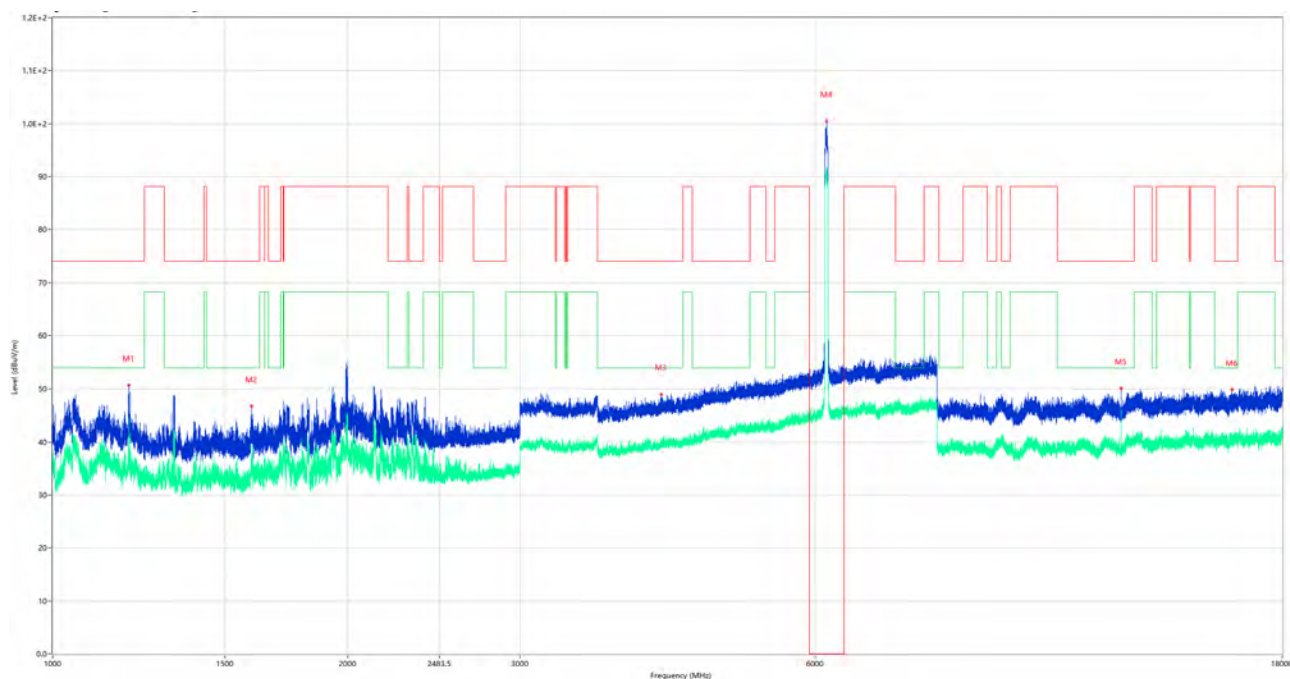
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1097.400	49.18	-16.49	74.0	24.82	Peak	245.00	150	Vertical	Pass
1**	1097.400	38.90	-16.49	54.0	15.10	AV	245.00	150	Vertical	Pass
2	1332.100	51.08	-16.28	74.0	22.92	Peak	102.00	150	Vertical	Pass
2**	1332.100	39.28	-16.28	54.0	14.72	AV	102.00	150	Vertical	Pass
3	4625.000	51.49	-1.60	74.0	22.51	Peak	272.00	150	Vertical	Pass
3**	4625.000	41.37	-1.60	54.0	12.63	AV	272.00	150	Vertical	Pass
4	6182.000	99.76	1.10	--	69.24	Peak	169.00	150	Vertical	N/A
4**	6182.000	90.56	1.10	--	-90.56	AV	169.00	150	Vertical	N/A
5	12005.200	49.31	-1.09	74.0	24.69	Peak	141.00	150	Vertical	Pass
5**	12005.200	38.71	-1.09	54.0	15.29	AV	141.00	150	Vertical	Pass
6	15890.288	49.91	1.58	74.0	24.09	Peak	83.00	150	Vertical	Pass
6**	15890.288	40.75	1.58	54.0	13.25	AV	83.00	150	Vertical	Pass

11be40, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



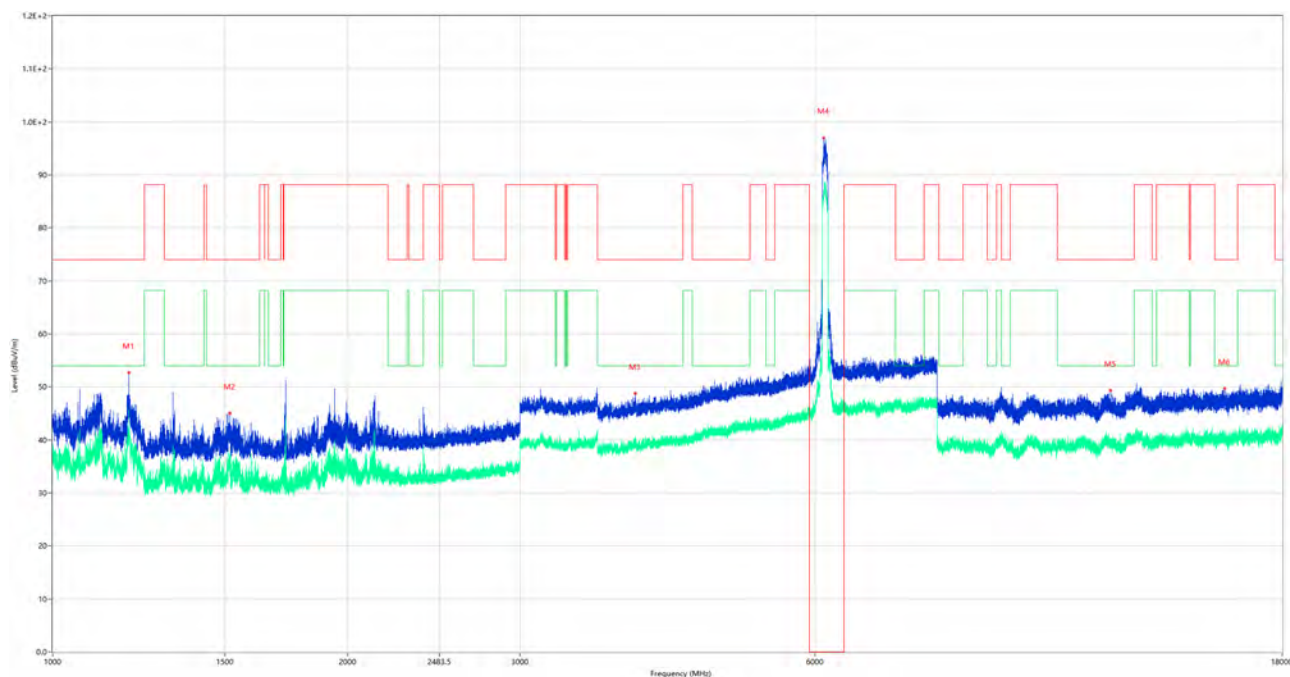
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1063.100	50.28	-16.26	74.0	23.72	Peak	205.00	150	Horizontal	Pass
1**	1063.100	37.10	-16.26	54.0	16.90	AV	205.00	150	Horizontal	Pass
2	1599.600	45.43	-16.28	74.0	28.57	Peak	136.00	150	Horizontal	Pass
2**	1599.600	34.51	-16.28	54.0	19.49	AV	136.00	150	Horizontal	Pass
3	4308.250	49.89	-2.72	74.0	24.11	Peak	153.00	150	Horizontal	Pass
3**	4308.250	39.82	-2.72	54.0	14.18	AV	153.00	150	Horizontal	Pass
4	6173.000	96.89	1.28	--	-13.89	Peak	83.00	150	Horizontal	N/A
4**	6173.000	89.08	1.28	--	-89.08	AV	83.00	150	Horizontal	N/A
5	11776.012	49.62	-1.33	74.0	24.38	Peak	44.00	150	Horizontal	Pass
5**	11776.012	38.91	-1.33	54.0	15.09	AV	44.00	150	Horizontal	Pass
6	15879.788	50.62	1.63	74.0	23.38	Peak	155.00	150	Horizontal	Pass
6**	15879.788	41.41	1.63	54.0	12.59	AV	155.00	150	Horizontal	Pass

11be40, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



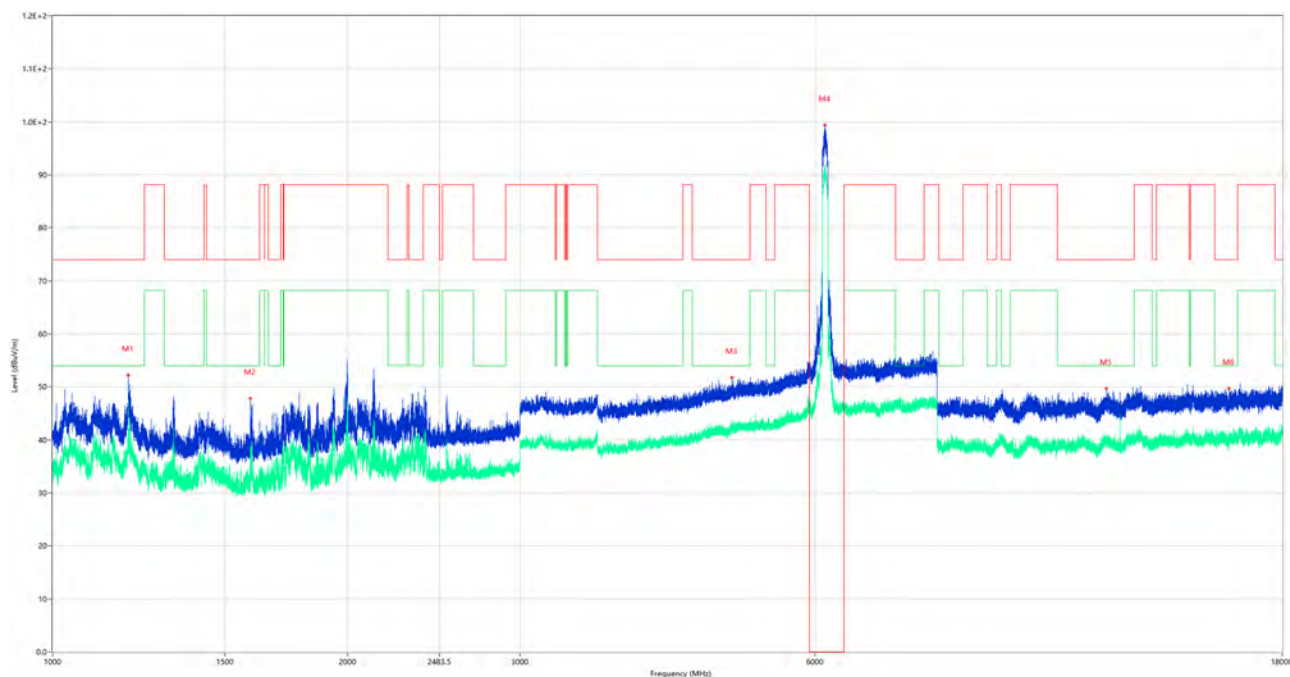
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.800	50.73	-16.19	74.0	23.27	Peak	231.00	150	Vertical	Pass
1**	1195.800	36.01	-16.19	54.0	17.99	AV	231.00	150	Vertical	Pass
2	1595.500	46.81	-16.31	74.0	27.19	Peak	126.00	150	Vertical	Pass
2**	1595.500	35.17	-16.31	54.0	18.83	AV	126.00	150	Vertical	Pass
3	4181.750	49.05	-3.04	74.0	24.95	Peak	217.00	150	Vertical	Pass
3**	4181.750	39.19	-3.04	54.0	14.81	AV	217.00	150	Vertical	Pass
4	6169.250	100.57	1.34	--	83.43	Peak	184.00	150	Vertical	N/A
4**	6169.250	91.88	1.34	--	-91.88	AV	184.00	150	Vertical	N/A
5	12329.862	50.12	-0.70	74.0	23.88	Peak	0.00	150	Vertical	Pass
5**	12329.862	45.77	-0.70	54.0	8.23	AV	0.00	150	Vertical	Pass
6	15997.125	49.98	0.92	74.0	24.02	Peak	353.00	150	Vertical	Pass
6**	15997.125	40.07	0.92	54.0	13.93	AV	353.00	150	Vertical	Pass

11be80, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



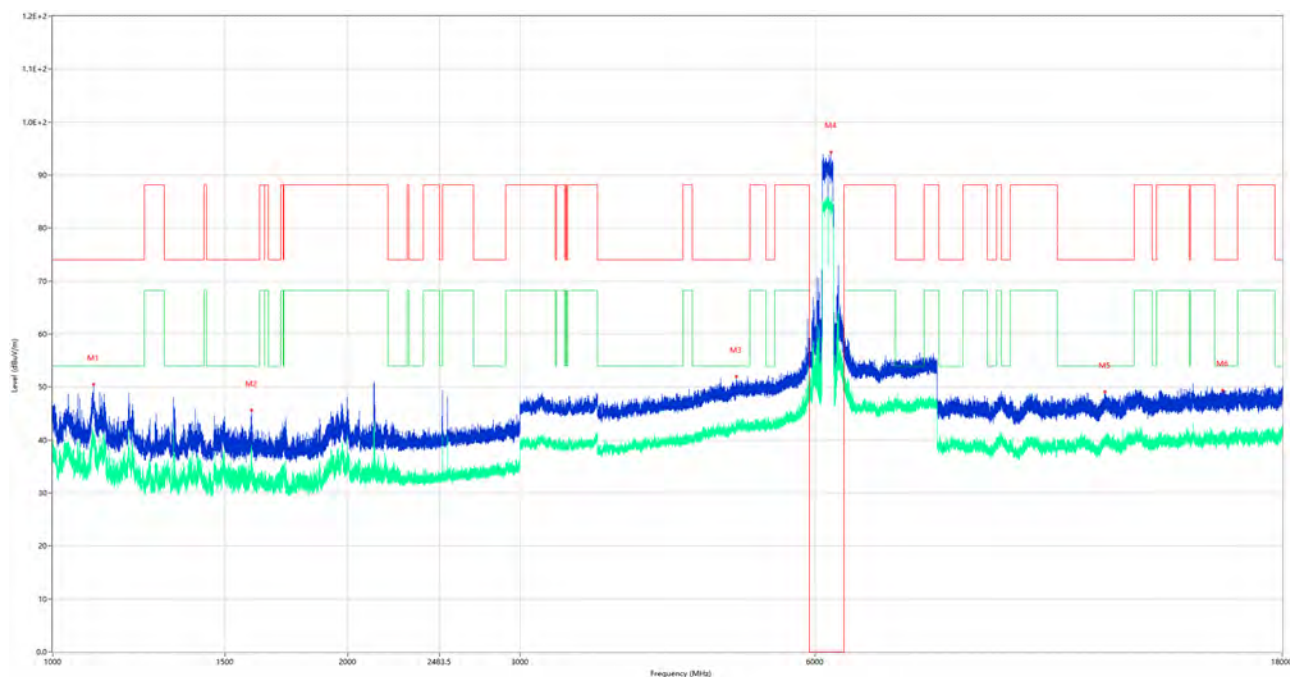
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1196.100	52.73	-16.19	74.0	21.27	Peak	203.00	150	Horizontal	Pass
1**	1196.100	44.55	-16.19	54.0	9.45	AV	203.00	150	Horizontal	Pass
2	1516.400	45.08	-16.33	74.0	28.92	Peak	190.00	150	Horizontal	Pass
2**	1516.400	36.23	-16.33	54.0	17.77	AV	190.00	150	Horizontal	Pass
3	3931.500	48.80	-2.65	74.0	25.20	Peak	151.00	150	Horizontal	Pass
3**	3931.500	39.40	-2.65	54.0	14.60	AV	151.00	150	Horizontal	Pass
4	6128.750	97.00	1.18	--	4.00	Peak	101.00	150	Horizontal	N/A
4**	6128.750	87.11	1.18	--	-87.11	AV	101.00	150	Horizontal	N/A
5	12020.163	49.29	-0.99	74.0	24.71	Peak	354.00	150	Horizontal	Pass
5**	12020.163	39.24	-0.99	54.0	14.76	AV	354.00	150	Horizontal	Pass
6	15727.275	49.70	1.16	74.0	24.30	Peak	353.00	150	Horizontal	Pass
6**	15727.275	40.24	1.16	54.0	13.76	AV	353.00	150	Horizontal	Pass

11be80, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



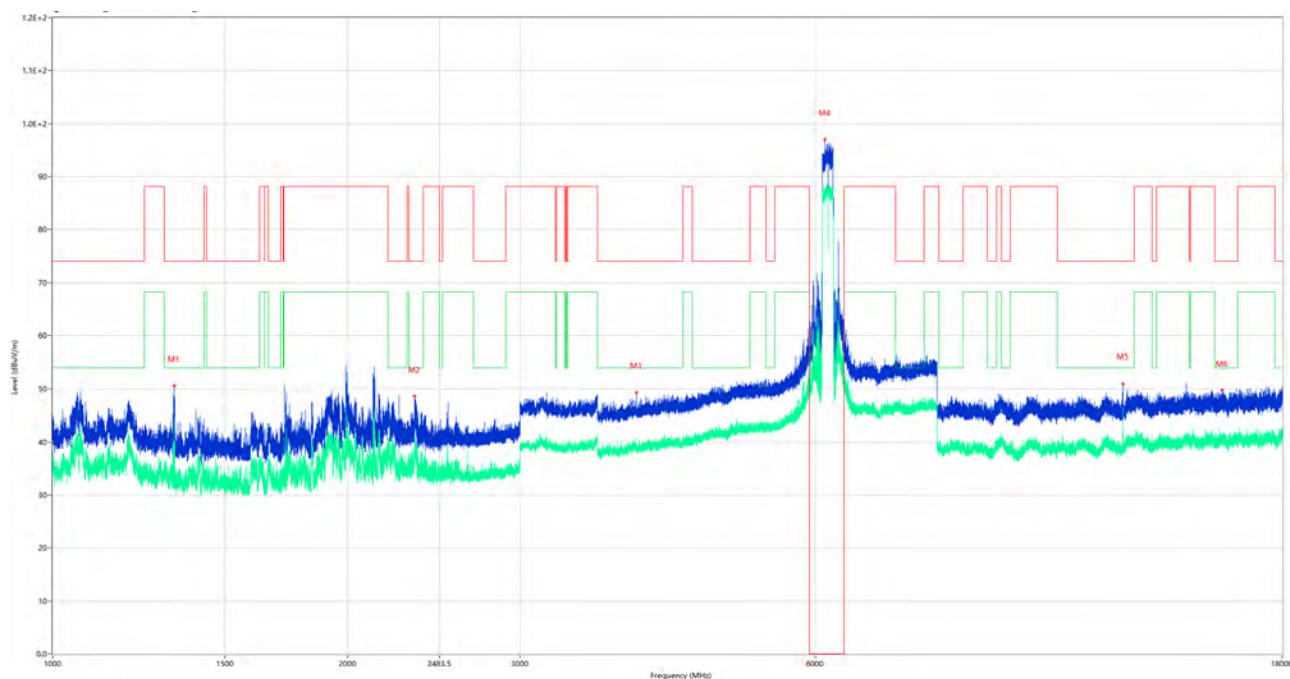
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.000	52.23	-16.18	74.0	21.77	Peak	1.00	150	Vertical	Pass
1**	1195.000	39.66	-16.18	54.0	14.34	AV	1.00	150	Vertical	Pass
2	1592.700	47.78	-16.31	74.0	26.22	Peak	129.00	150	Vertical	Pass
2**	1592.700	38.54	-16.31	54.0	15.46	AV	129.00	150	Vertical	Pass
3	4939.000	51.77	-0.62	74.0	22.23	Peak	49.00	150	Vertical	Pass
3**	4939.000	41.91	-0.62	54.0	12.09	AV	49.00	150	Vertical	Pass
4	6139.500	99.39	1.18	--	84.61	Peak	184.00	150	Vertical	N/A
4**	6139.500	91.08	1.18	--	-91.08	AV	184.00	150	Vertical	N/A
5	11904.263	49.73	-0.79	74.0	24.27	Peak	136.00	150	Vertical	Pass
5**	11904.263	40.01	-0.79	54.0	13.99	AV	136.00	150	Vertical	Pass
6	15890.025	49.69	1.56	74.0	24.31	Peak	256.00	150	Vertical	Pass
6**	15890.025	40.17	1.56	54.0	13.83	AV	256.00	150	Vertical	Pass

11be160, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT H



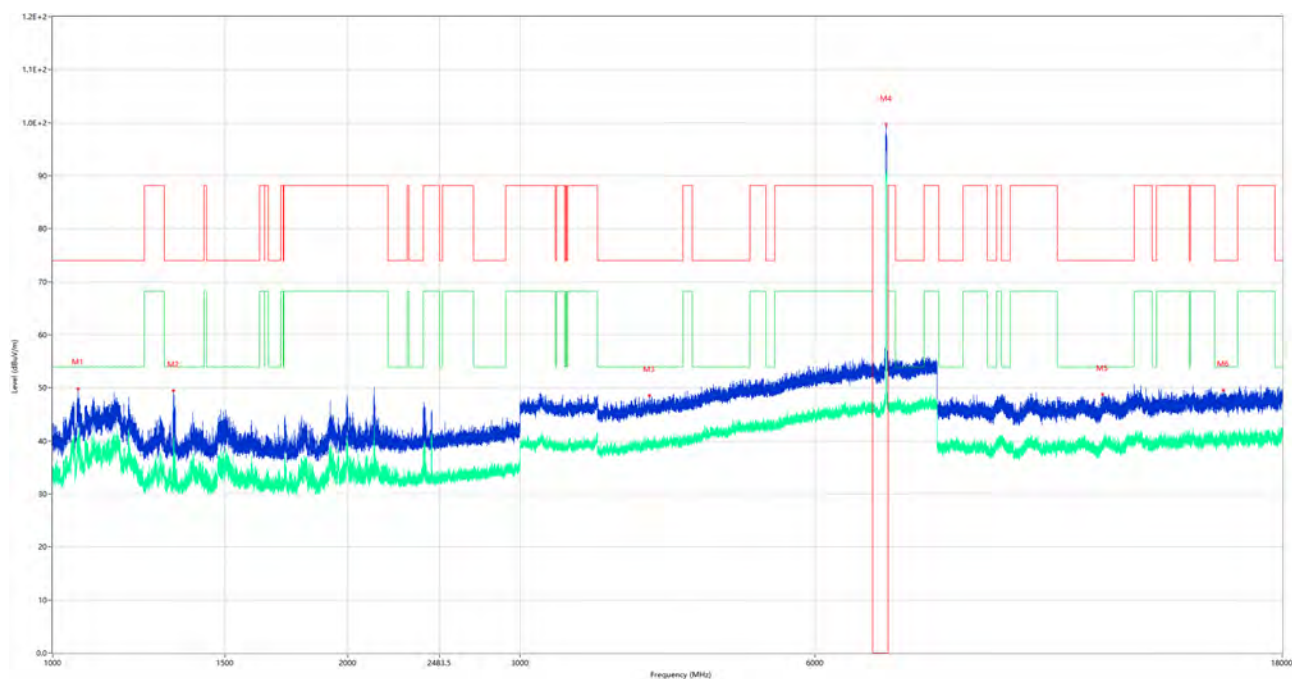
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1100.400	50.53	-16.44	74.0	23.47	Peak	218.00	150	Horizontal	Pass
1**	1100.400	41.35	-16.44	54.0	12.65	AV	218.00	150	Horizontal	Pass
2	1595.200	45.64	-16.31	74.0	28.36	Peak	141.00	150	Horizontal	Pass
2**	1595.200	35.55	-16.31	54.0	18.45	AV	141.00	150	Horizontal	Pass
3	4984.750	52.00	-1.14	74.0	22.00	Peak	222.00	150	Horizontal	Pass
3**	4984.750	42.09	-1.14	54.0	11.91	AV	222.00	150	Horizontal	Pass
4	6237.000	94.33	0.83	--	-12.33	Peak	82.00	150	Horizontal	N/A
4**	6237.000	85.92	0.83	--	-85.92	AV	82.00	150	Horizontal	N/A
5	11866.263	49.13	-0.84	74.0	24.87	Peak	1.00	150	Horizontal	Pass
5**	11866.263	39.30	-0.84	54.0	14.70	AV	1.00	150	Horizontal	Pass
6	15645.901	49.37	1.24	74.0	24.63	Peak	359.00	150	Horizontal	Pass
6**	15645.901	40.33	1.24	54.0	13.67	AV	359.00	150	Horizontal	Pass

11be160, U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



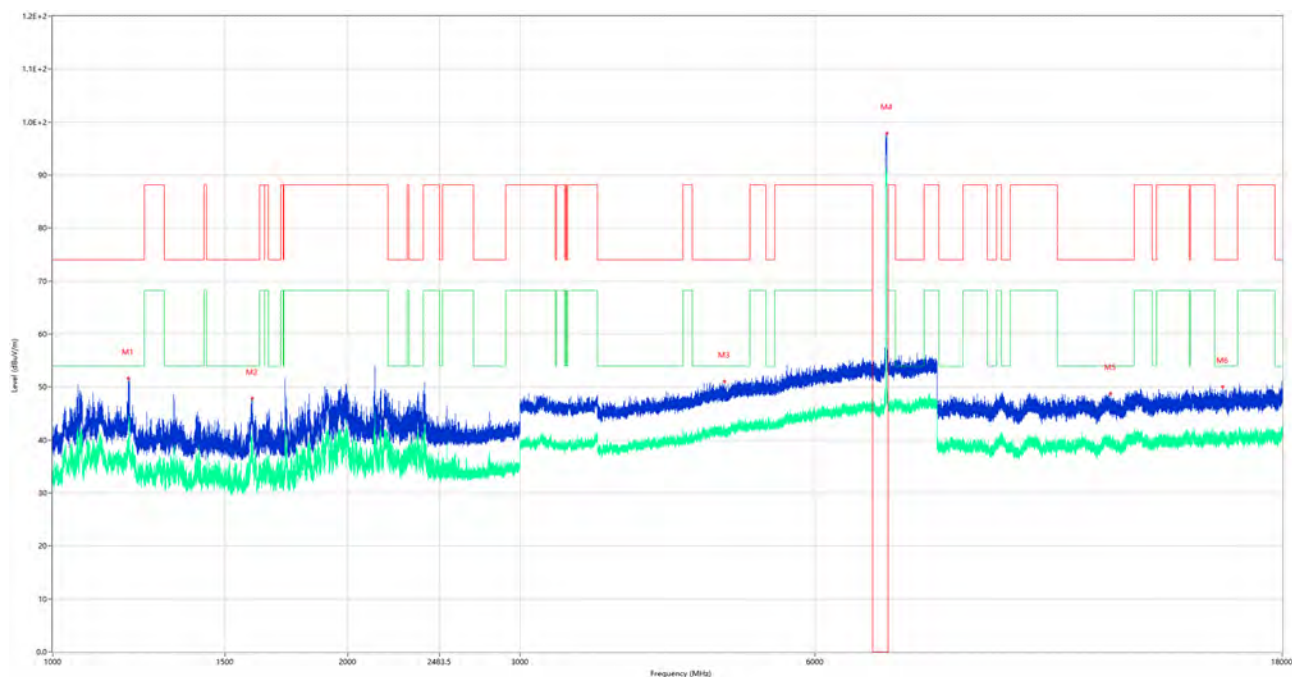
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1330.500	50.60	-16.26	74.0	23.40	Peak	117.00	150	Vertical	Pass
1**	1330.500	32.46	-16.26	54.0	21.54	AV	117.00	150	Vertical	Pass
2	2342.200	48.69	-12.05	74.0	25.31	Peak	104.00	150	Vertical	Pass
2**	2342.200	39.07	-12.05	54.0	14.93	AV	104.00	150	Vertical	Pass
3	3942.250	49.39	-3.52	74.0	24.61	Peak	49.00	150	Vertical	Pass
3**	3942.250	39.65	-3.52	54.0	14.35	AV	49.00	150	Vertical	Pass
4	6143.000	97.04	1.32	--	70.96	Peak	168.00	150	Vertical	N/A
4**	6143.000	87.06	1.32	--	-87.06	AV	168.00	150	Vertical	N/A
5	12370.000	51.01	-0.83	74.0	22.99	Peak	164.00	150	Vertical	Pass
5**	12370.000	46.17	-0.83	54.0	7.83	AV	164.00	150	Vertical	Pass
6	15632.250	49.78	0.84	74.0	24.22	Peak	259.00	150	Vertical	Pass
6**	15632.250	41.09	0.84	54.0	12.91	AV	259.00	150	Vertical	Pass

11ax20(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



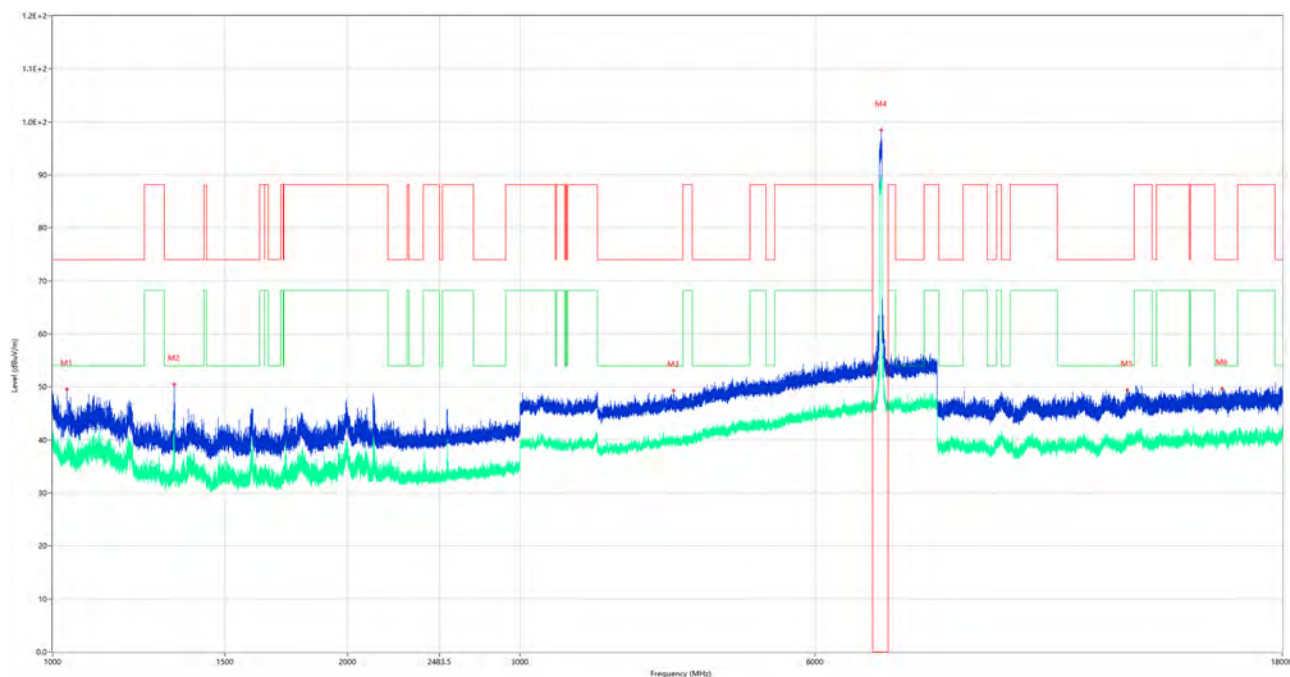
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1061.400	49.86	-16.25	74.0	24.14	Peak	198.00	150	Horizontal	Pass
1**	1061.400	37.38	-16.25	54.0	16.62	AV	198.00	150	Horizontal	Pass
2	1329.400	49.41	-16.25	74.0	24.59	Peak	345.00	150	Horizontal	Pass
2**	1329.400	33.53	-16.25	54.0	20.47	AV	345.00	150	Horizontal	Pass
3	4067.250	48.54	-3.27	74.0	25.46	Peak	254.00	150	Horizontal	Pass
3**	4067.250	39.43	-3.27	54.0	14.57	AV	254.00	150	Horizontal	Pass
4	7096.750	99.58	1.92	--	-35.58	Peak	64.00	150	Horizontal	N/A
4**	7096.750	91.09	1.92	--	-91.09	AV	64.00	150	Horizontal	N/A
5	11800.950	48.76	-1.36	74.0	25.24	Peak	259.00	150	Horizontal	Pass
5**	11800.950	39.39	-1.36	54.0	14.61	AV	259.00	150	Horizontal	Pass
6	15674.776	49.63	1.60	74.0	24.37	Peak	294.00	150	Horizontal	Pass
6**	15674.776	40.39	1.60	54.0	13.61	AV	294.00	150	Horizontal	Pass

11ax20(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



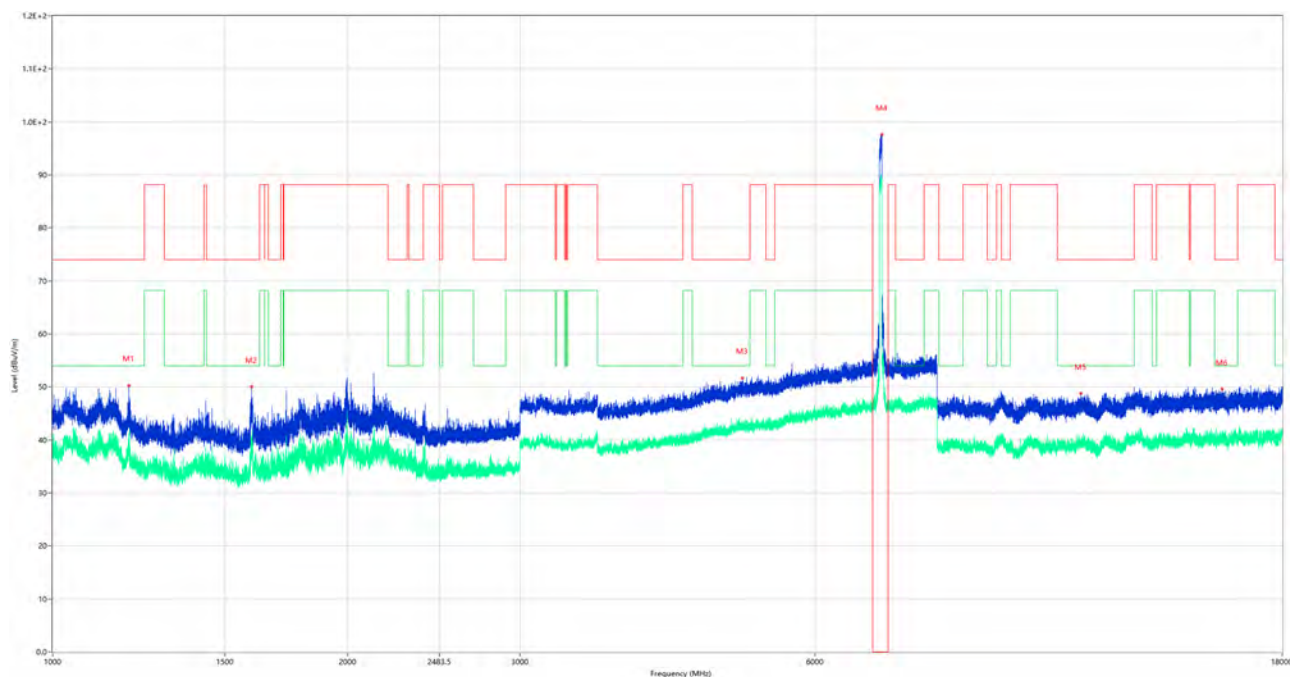
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.300	51.64	-16.19	74.0	22.36	Peak	1.00	150	Vertical	Pass
1**	1195.300	38.19	-16.19	54.0	15.81	AV	1.00	150	Vertical	Pass
2	1598.700	47.80	-16.28	74.0	26.20	Peak	131.00	150	Vertical	Pass
2**	1598.700	36.44	-16.28	54.0	17.56	AV	131.00	150	Vertical	Pass
3	4850.750	51.05	-1.16	74.0	22.95	Peak	360.00	150	Vertical	Pass
3**	4850.750	42.27	-1.16	54.0	11.73	AV	360.00	150	Vertical	Pass
4	7101.750	97.91	1.96	--	190.09	Peak	288.00	150	Vertical	N/A
4**	7101.750	89.76	1.96	--	-89.76	AV	288.00	150	Vertical	N/A
5	12021.112	48.78	-0.96	74.0	25.22	Peak	309.00	150	Vertical	Pass
5**	12021.112	39.42	-0.96	54.0	14.58	AV	309.00	150	Vertical	Pass
6	15639.862	50.03	0.75	74.0	23.97	Peak	83.00	150	Vertical	Pass
6**	15639.862	40.01	0.75	54.0	13.99	AV	83.00	150	Vertical	Pass

11ax40(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



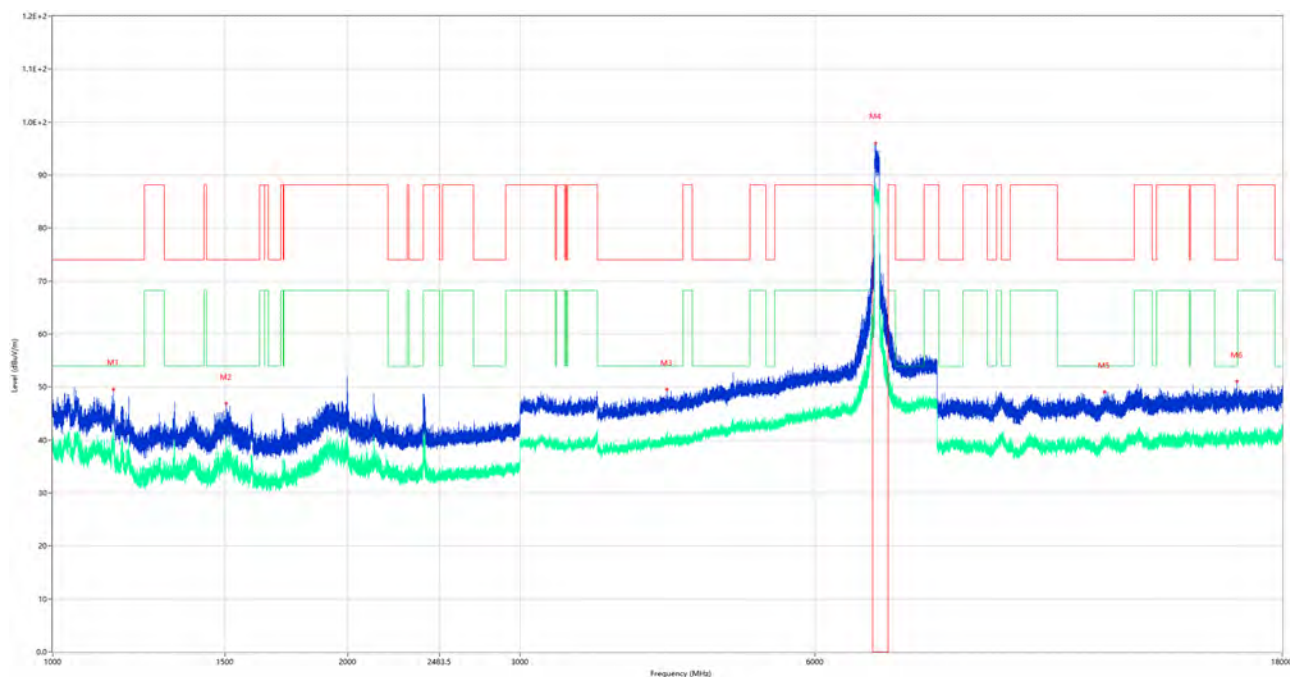
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1034.700	49.54	-16.40	74.0	24.46	Peak	190.00	150	Horizontal	Pass
1**	1034.700	37.86	-16.40	54.0	16.14	AV	190.00	150	Horizontal	Pass
2	1330.100	50.46	-16.26	74.0	23.54	Peak	346.00	150	Horizontal	Pass
2**	1330.100	33.49	-16.26	54.0	20.51	AV	346.00	150	Horizontal	Pass
3	4303.500	49.37	-2.71	74.0	24.63	Peak	3.00	150	Horizontal	Pass
3**	4303.500	39.70	-2.71	54.0	14.30	AV	3.00	150	Horizontal	Pass
4	7009.500	98.49	2.39	--	-33.49	Peak	65.00	150	Horizontal	N/A
4**	7009.500	89.51	2.39	--	-89.51	AV	65.00	150	Horizontal	N/A
5	12507.513	49.45	-0.20	74.0	24.55	Peak	1.00	150	Horizontal	Pass
5**	12507.513	39.86	-0.20	54.0	14.14	AV	1.00	150	Horizontal	Pass
6	15631.462	49.70	0.90	74.0	24.30	Peak	258.00	150	Horizontal	Pass
6**	15631.462	39.98	0.90	54.0	14.02	AV	258.00	150	Horizontal	Pass

11ax40(SU), U-NII-5, 1 GHz to 18 GHz, Middle Channel, ANT V



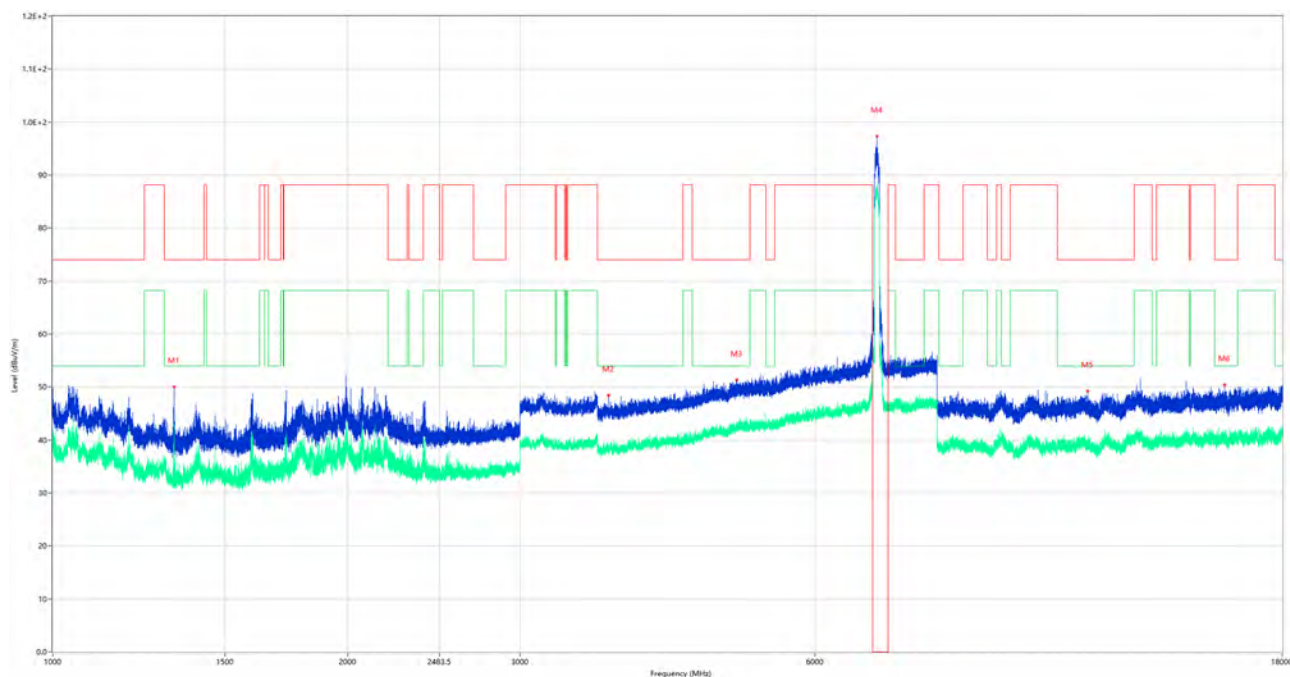
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1195.600	50.31	-16.19	74.0	23.69	Peak	360.00	150	Vertical	Pass
1**	1195.600	41.18	-16.19	54.0	12.82	AV	360.00	150	Vertical	Pass
2	1597.200	50.03	-16.26	74.0	23.97	Peak	129.00	150	Vertical	Pass
2**	1597.200	40.70	-16.26	54.0	13.30	AV	129.00	150	Vertical	Pass
3	5060.250	51.65	-0.93	74.0	22.35	Peak	31.00	150	Vertical	Pass
3**	5060.250	42.22	-0.93	54.0	11.78	AV	31.00	150	Vertical	Pass
4	7019.000	97.62	2.43	--	38.38	Peak	136.00	150	Vertical	N/A
4**	7019.000	88.14	2.43	--	-88.14	AV	136.00	150	Vertical	N/A
5	11203.875	48.82	-1.30	74.0	25.18	Peak	235.00	150	Vertical	Pass
5**	11203.875	39.29	-1.30	54.0	14.71	AV	235.00	150	Vertical	Pass
6	15625.950	49.57	1.40	74.0	24.43	Peak	290.00	150	Vertical	Pass
6**	15625.950	40.16	1.40	54.0	13.84	AV	290.00	150	Vertical	Pass

11ax80(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



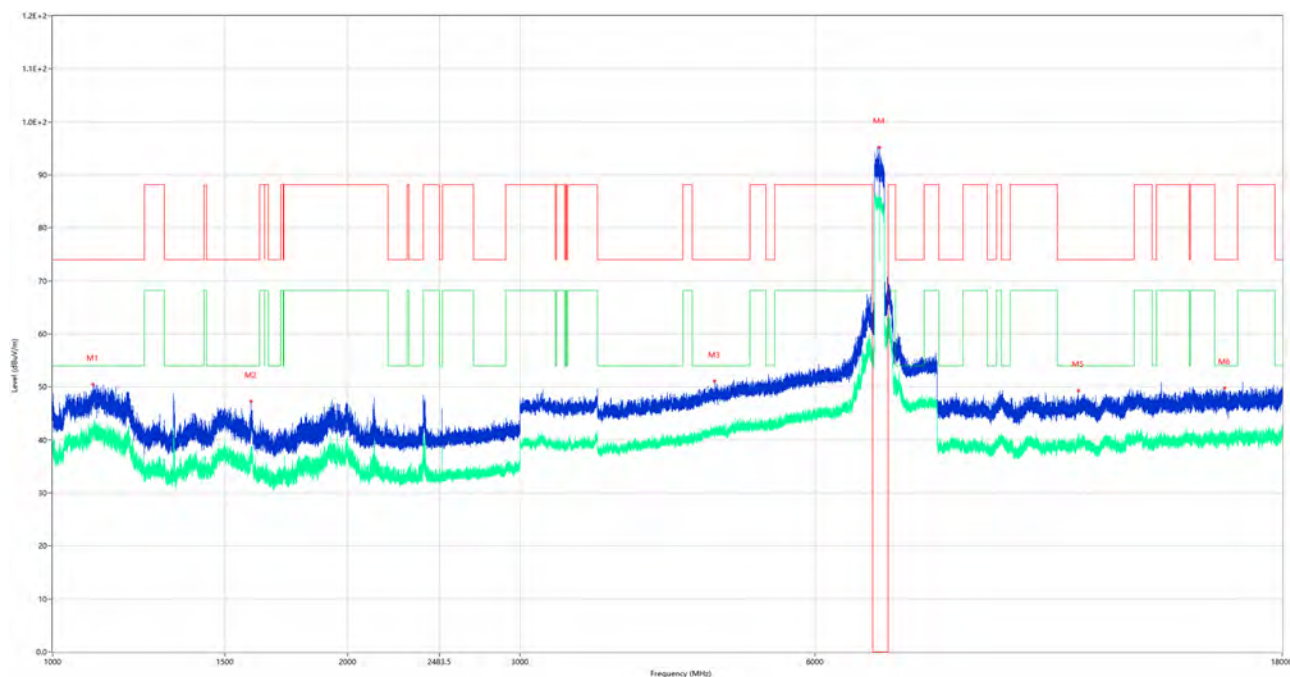
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1153.400	49.54	-16.23	74.0	24.46	Peak	209.00	150	Horizontal	Pass
1**	1153.400	39.18	-16.23	54.0	14.82	AV	209.00	150	Horizontal	Pass
2	1503.200	46.85	-16.25	74.0	27.15	Peak	188.00	150	Horizontal	Pass
2**	1503.200	37.32	-16.25	54.0	16.68	AV	188.00	150	Horizontal	Pass
3	4236.250	49.59	-2.60	74.0	24.41	Peak	255.00	150	Horizontal	Pass
3**	4236.250	39.34	-2.60	54.0	14.66	AV	255.00	150	Horizontal	Pass
4	6926.500	96.06	1.68	--	-48.06	Peak	48.00	150	Horizontal	N/A
4**	6926.500	86.91	1.68	--	-86.91	AV	48.00	150	Horizontal	N/A
5	11842.750	49.14	-0.98	74.0	24.86	Peak	360.00	150	Horizontal	Pass
5**	11842.750	39.07	-0.98	54.0	14.93	AV	360.00	150	Horizontal	Pass
6	16191.638	51.03	1.27	74.0	22.97	Peak	15.00	150	Horizontal	Pass
6**	16191.638	40.01	1.27	54.0	13.99	AV	15.00	150	Horizontal	Pass

11ax80(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



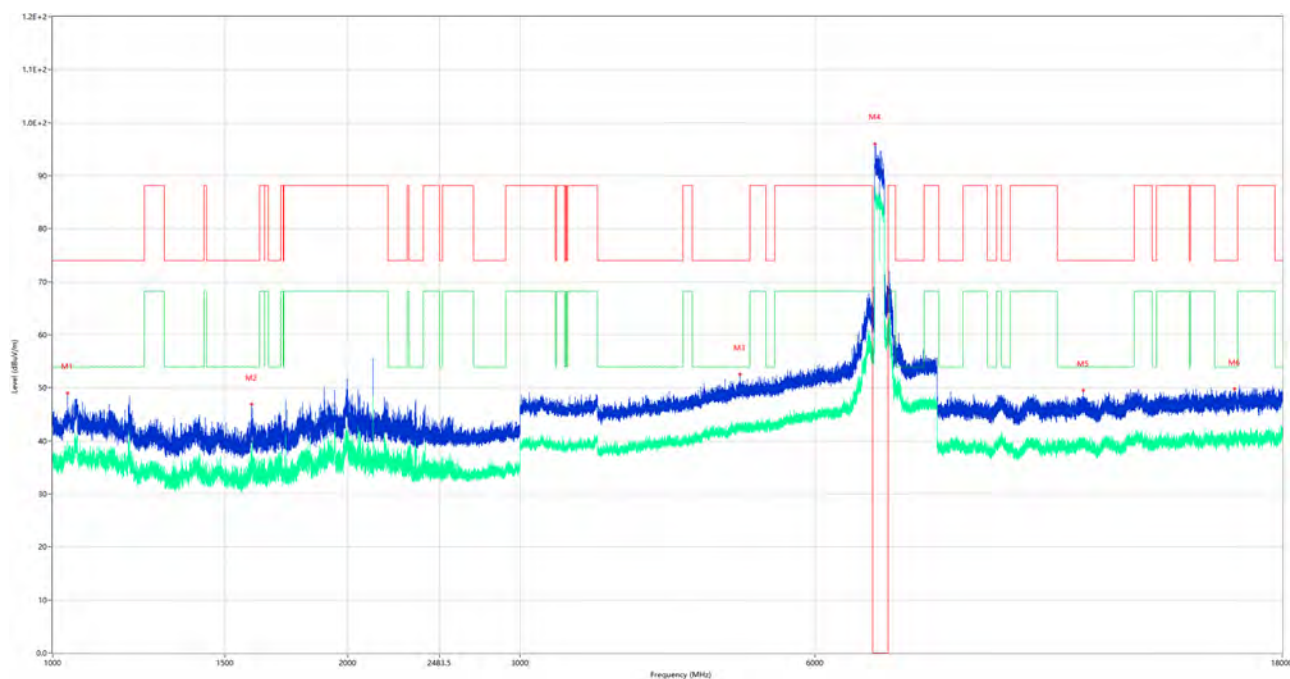
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1331.300	50.05	-16.27	74.0	23.95	Peak	105.00	150	Vertical	Pass
1**	1331.300	43.03	-16.27	54.0	10.97	AV	105.00	150	Vertical	Pass
2	3694.250	48.36	-5.28	74.0	25.64	Peak	167.00	150	Vertical	Pass
2**	3694.250	38.03	-5.28	54.0	15.97	AV	167.00	150	Vertical	Pass
3	4992.250	51.31	-0.94	74.0	22.69	Peak	337.00	150	Vertical	Pass
3**	4992.250	41.58	-0.94	54.0	12.42	AV	337.00	150	Vertical	Pass
4	6938.000	97.25	1.44	--	34.75	Peak	132.00	150	Vertical	N/A
4**	6938.000	87.19	1.44	--	-87.19	AV	132.00	150	Vertical	N/A
5	11398.388	49.25	-1.45	74.0	24.75	Peak	6.00	150	Vertical	Pass
5**	11398.388	38.93	-1.45	54.0	15.07	AV	6.00	150	Vertical	Pass
6	15722.812	50.38	1.37	74.0	23.62	Peak	83.00	150	Vertical	Pass
6**	15722.812	41.46	1.37	54.0	12.54	AV	83.00	150	Vertical	Pass

11ax160(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



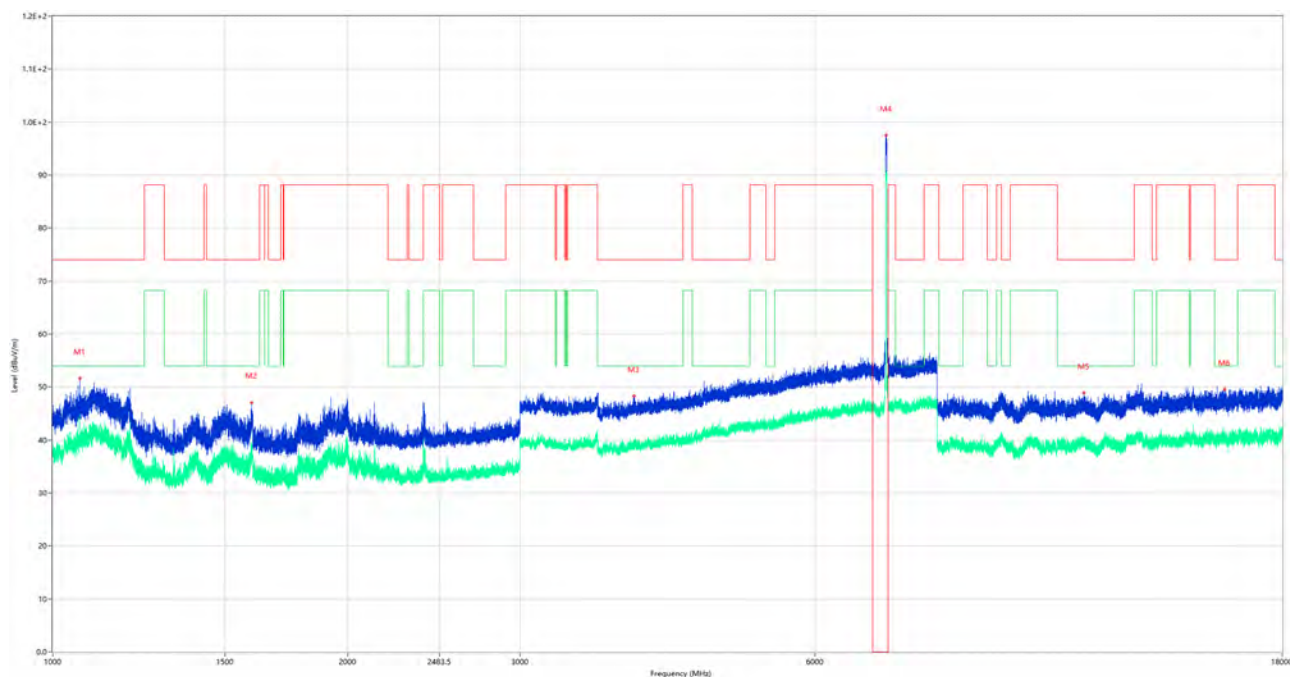
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1100.000	50.50	-16.46	74.0	23.50	Peak	190.00	150	Horizontal	Pass
1**	1100.000	40.97	-16.46	54.0	13.03	AV	190.00	150	Horizontal	Pass
2	1593.300	47.25	-16.30	74.0	26.75	Peak	190.00	150	Horizontal	Pass
2**	1593.300	35.76	-16.30	54.0	18.24	AV	190.00	150	Horizontal	Pass
3	4738.750	51.03	-1.98	74.0	22.97	Peak	217.00	150	Horizontal	Pass
3**	4738.750	40.48	-1.98	54.0	13.52	AV	217.00	150	Horizontal	Pass
4	6980.500	95.16	1.85	--	-49.16	Peak	46.00	150	Horizontal	N/A
4**	6980.500	85.11	1.85	--	-85.11	AV	46.00	150	Horizontal	N/A
5	11148.775	49.33	-1.18	74.0	24.67	Peak	0.00	150	Horizontal	Pass
5**	11148.775	39.70	-1.18	54.0	14.30	AV	0.00	150	Horizontal	Pass
6	15718.612	49.81	1.31	74.0	24.19	Peak	360.00	150	Horizontal	Pass
6**	15718.612	40.58	1.31	54.0	13.42	AV	360.00	150	Horizontal	Pass

11ax160(SU), U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



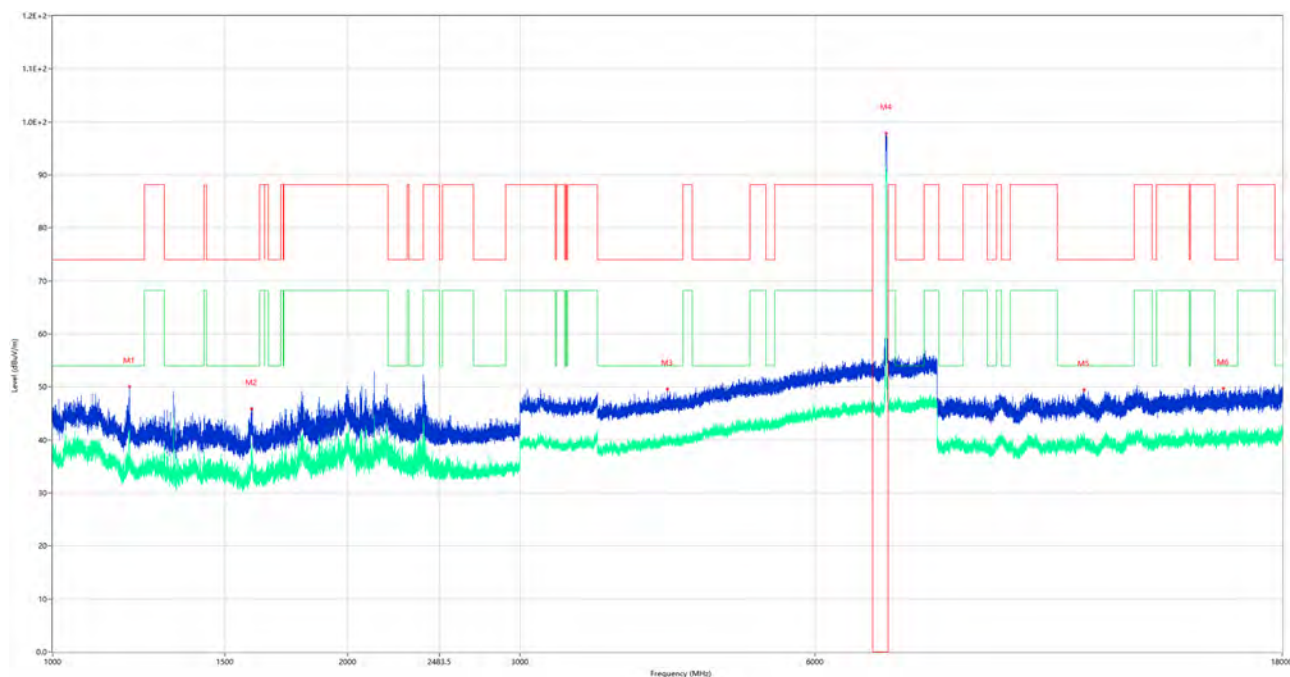
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1035.000	49.05	-16.40	74.0	24.95	Peak	245.00	150	Vertical	Pass
1**	1035.000	39.26	-16.40	54.0	14.74	AV	245.00	150	Vertical	Pass
2	1595.600	46.92	-16.31	74.0	27.08	Peak	118.00	150	Vertical	Pass
2**	1595.600	33.29	-16.31	54.0	20.71	AV	118.00	150	Vertical	Pass
3	5030.250	52.57	-0.77	74.0	21.43	Peak	0.00	150	Vertical	Pass
3**	5030.250	42.09	-0.77	54.0	11.91	AV	0.00	150	Vertical	Pass
4	6909.750	96.08	1.90	--	35.92	Peak	132.00	150	Vertical	N/A
4**	6909.750	87.03	1.90	--	-87.03	AV	132.00	150	Vertical	N/A
5	11278.925	49.53	-1.40	74.0	24.47	Peak	0.00	150	Vertical	Pass
5**	11278.925	39.42	-1.40	54.0	14.58	AV	0.00	150	Vertical	Pass
6	16096.612	49.79	1.85	74.0	24.21	Peak	48.00	150	Vertical	Pass
6**	16096.612	40.63	1.85	54.0	13.37	AV	48.00	150	Vertical	Pass

11be20, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



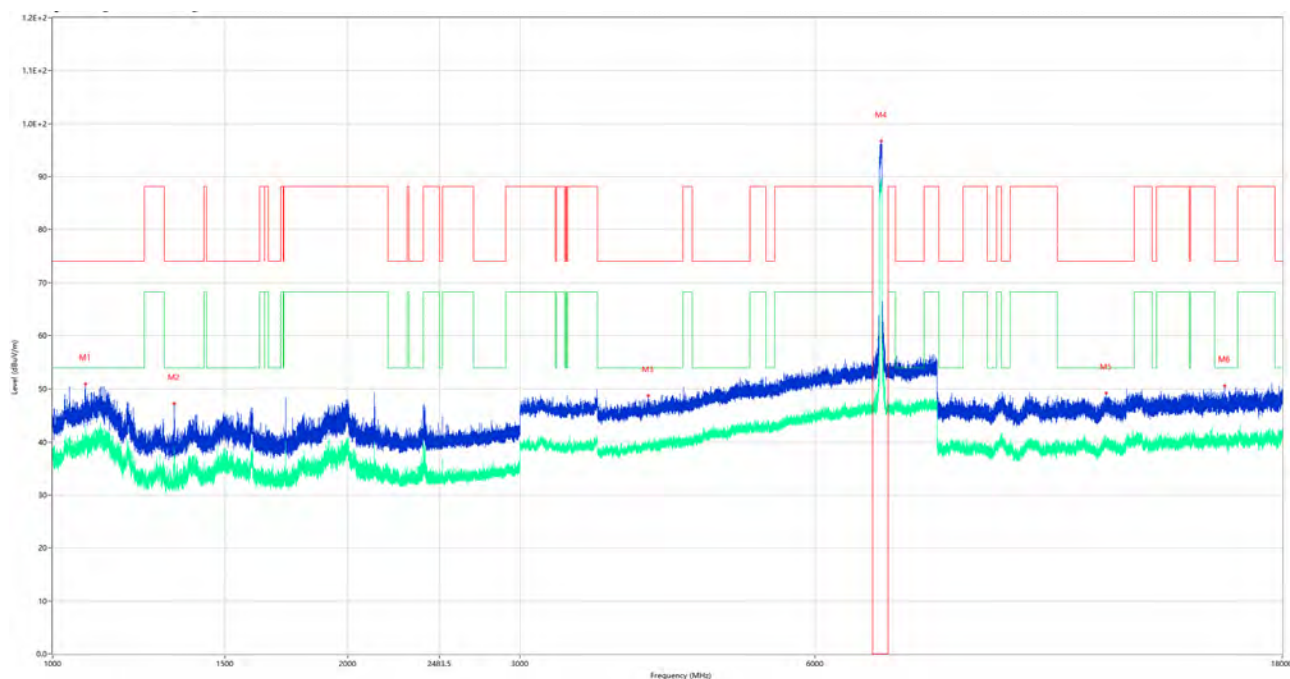
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1066.600	51.62	-16.23	74.0	22.38	Peak	211.00	150	Horizontal	Pass
1**	1066.600	40.48	-16.23	54.0	13.52	AV	211.00	150	Horizontal	Pass
2	1597.200	47.07	-16.26	74.0	26.93	Peak	190.00	150	Horizontal	Pass
2**	1597.200	37.45	-16.26	54.0	16.55	AV	190.00	150	Horizontal	Pass
3	3923.000	48.25	-2.83	74.0	25.75	Peak	0.00	150	Horizontal	Pass
3**	3923.000	39.20	-2.83	54.0	14.80	AV	0.00	150	Horizontal	Pass
4	7098.000	97.55	1.91	--	-48.55	Peak	49.00	150	Horizontal	N/A
4**	7098.000	90.24	1.91	--	-90.24	AV	49.00	150	Horizontal	N/A
5	11287.950	48.88	-1.49	74.0	25.12	Peak	39.00	150	Horizontal	Pass
5**	11287.950	39.56	-1.49	54.0	14.44	AV	39.00	150	Horizontal	Pass
6	15712.575	49.54	1.39	74.0	24.46	Peak	51.00	150	Horizontal	Pass
6**	15712.575	40.87	1.39	54.0	13.13	AV	51.00	150	Horizontal	Pass

111be20, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



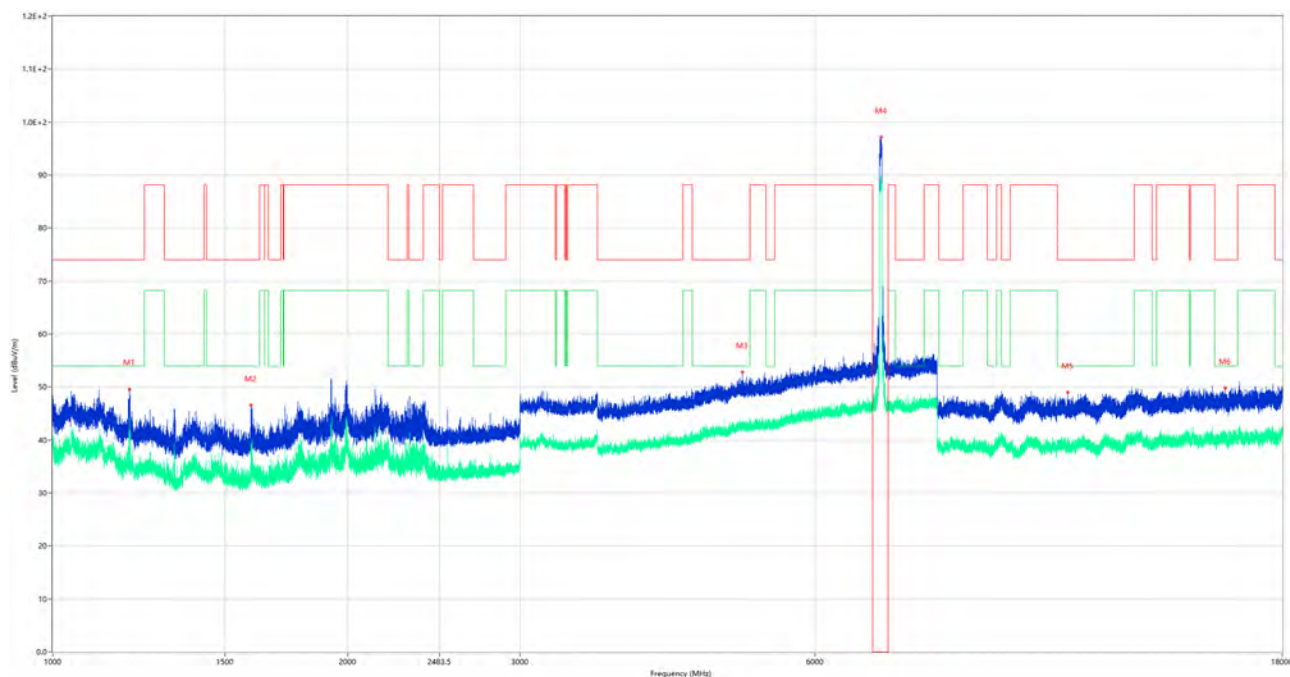
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1197.900	49.99	-16.20	74.0	24.01	Peak	360.00	150	Vertical	Pass
1**	1197.900	36.08	-16.20	54.0	17.92	AV	360.00	150	Vertical	Pass
2	1596.300	45.90	-16.28	74.0	28.10	Peak	127.00	150	Vertical	Pass
2**	1596.300	34.30	-16.28	54.0	19.70	AV	127.00	150	Vertical	Pass
3	4245.000	49.59	-2.49	74.0	24.41	Peak	360.00	150	Vertical	Pass
3**	4245.000	39.43	-2.49	54.0	14.57	AV	360.00	150	Vertical	Pass
4	7098.500	97.84	1.92	--	34.16	Peak	132.00	150	Vertical	N/A
4**	7098.500	89.18	1.92	--	-89.18	AV	132.00	150	Vertical	N/A
5	11294.599	49.44	-1.59	74.0	24.56	Peak	360.00	150	Vertical	Pass
5**	11294.599	39.72	-1.59	54.0	14.28	AV	360.00	150	Vertical	Pass
6	15667.951	49.64	1.66	74.0	24.36	Peak	325.00	150	Vertical	Pass
6**	15667.951	39.99	1.66	54.0	14.01	AV	325.00	150	Vertical	Pass

11be40, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



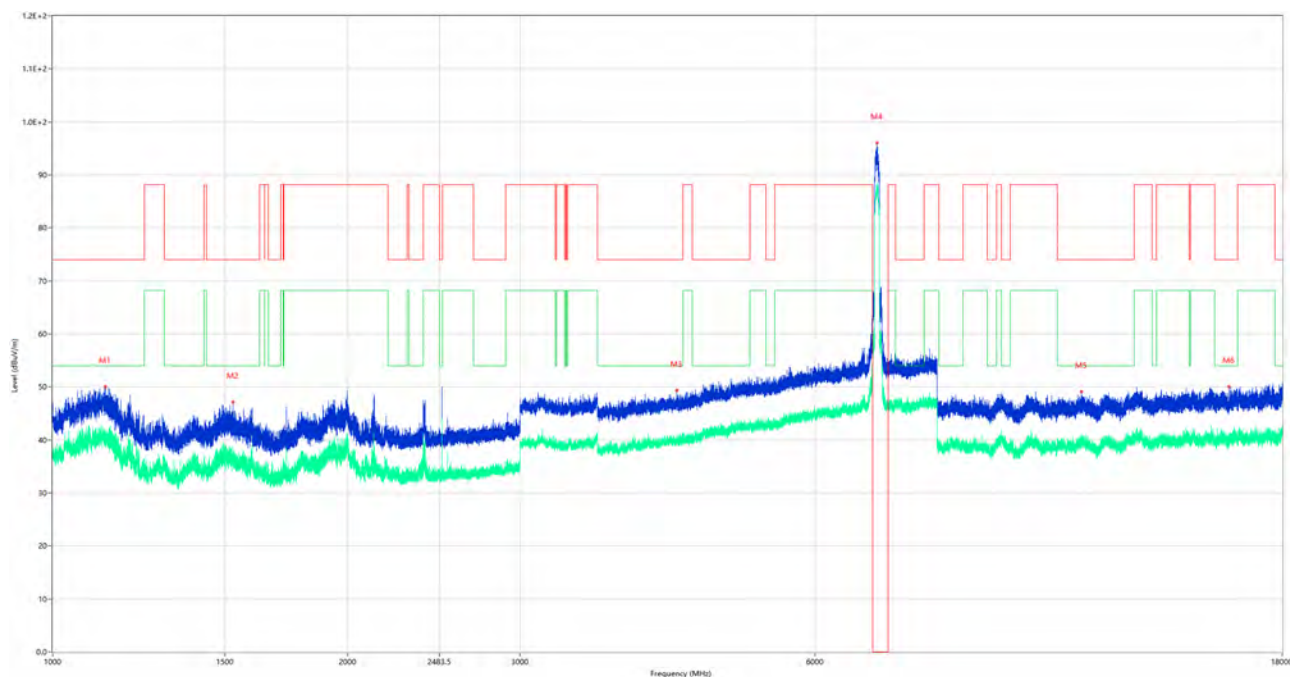
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1080.800	50.92	-16.30	74.0	23.08	Peak	192.00	150	Horizontal	Pass
1**	1080.800	39.54	-16.30	54.0	14.46	AV	192.00	150	Horizontal	Pass
2	1330.400	47.23	-16.26	74.0	26.77	Peak	198.00	150	Horizontal	Pass
2**	1330.400	34.77	-16.26	54.0	19.23	AV	198.00	150	Horizontal	Pass
3	4052.500	48.75	-3.07	74.0	25.25	Peak	359.00	150	Horizontal	Pass
3**	4052.500	38.93	-3.07	54.0	15.07	AV	359.00	150	Horizontal	Pass
4	7010.250	96.67	2.47	--	2.33	Peak	99.00	150	Horizontal	N/A
4**	7010.250	88.97	2.47	--	-88.97	AV	99.00	150	Horizontal	N/A
5	11909.012	49.20	-0.95	74.0	24.80	Peak	69.00	150	Horizontal	Pass
5**	11909.012	39.61	-0.95	54.0	14.39	AV	69.00	150	Horizontal	Pass
6	15720.450	50.62	1.39	74.0	23.38	Peak	260.00	150	Horizontal	Pass
6**	15720.450	40.71	1.39	54.0	13.29	AV	260.00	150	Horizontal	Pass

11be40, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



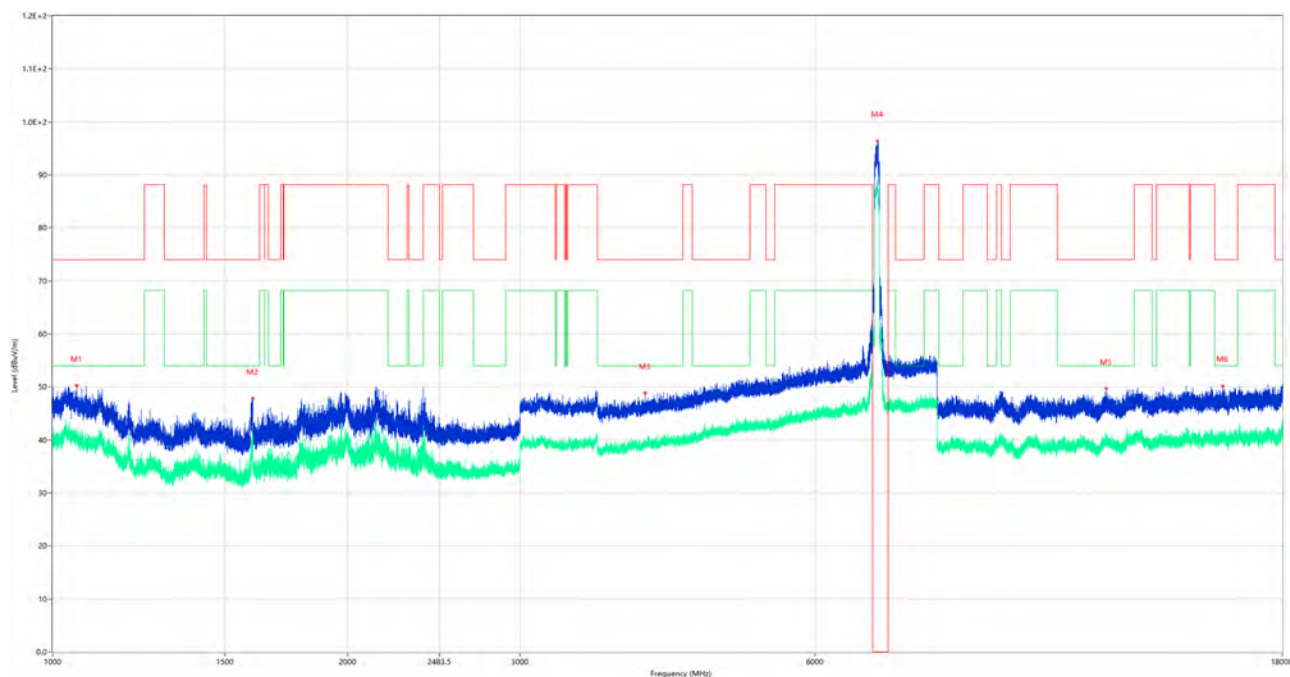
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1198.600	49.63	-16.20	74.0	24.37	Peak	1.00	150	Vertical	Pass
1**	1198.600	44.02	-16.20	54.0	9.98	AV	1.00	150	Vertical	Pass
2	1593.600	46.54	-16.31	74.0	27.46	Peak	118.00	150	Vertical	Pass
2**	1593.600	34.93	-16.31	54.0	19.07	AV	118.00	150	Vertical	Pass
3	5058.000	52.85	-0.95	74.0	21.15	Peak	304.00	150	Vertical	Pass
3**	5058.000	42.60	-0.95	54.0	11.40	AV	304.00	150	Vertical	Pass
4	7011.000	97.14	2.47	--	35.86	Peak	133.00	150	Vertical	N/A
4**	7011.000	88.89	2.47	--	-88.89	AV	133.00	150	Vertical	N/A
5	10872.563	49.03	-1.44	74.0	24.97	Peak	139.00	150	Vertical	Pass
5**	10872.563	39.45	-1.44	54.0	14.55	AV	139.00	150	Vertical	Pass
6	15732.263	49.78	0.97	74.0	24.22	Peak	50.00	150	Vertical	Pass
6**	15732.263	40.58	0.97	54.0	13.42	AV	50.00	150	Vertical	Pass

11be80, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT H



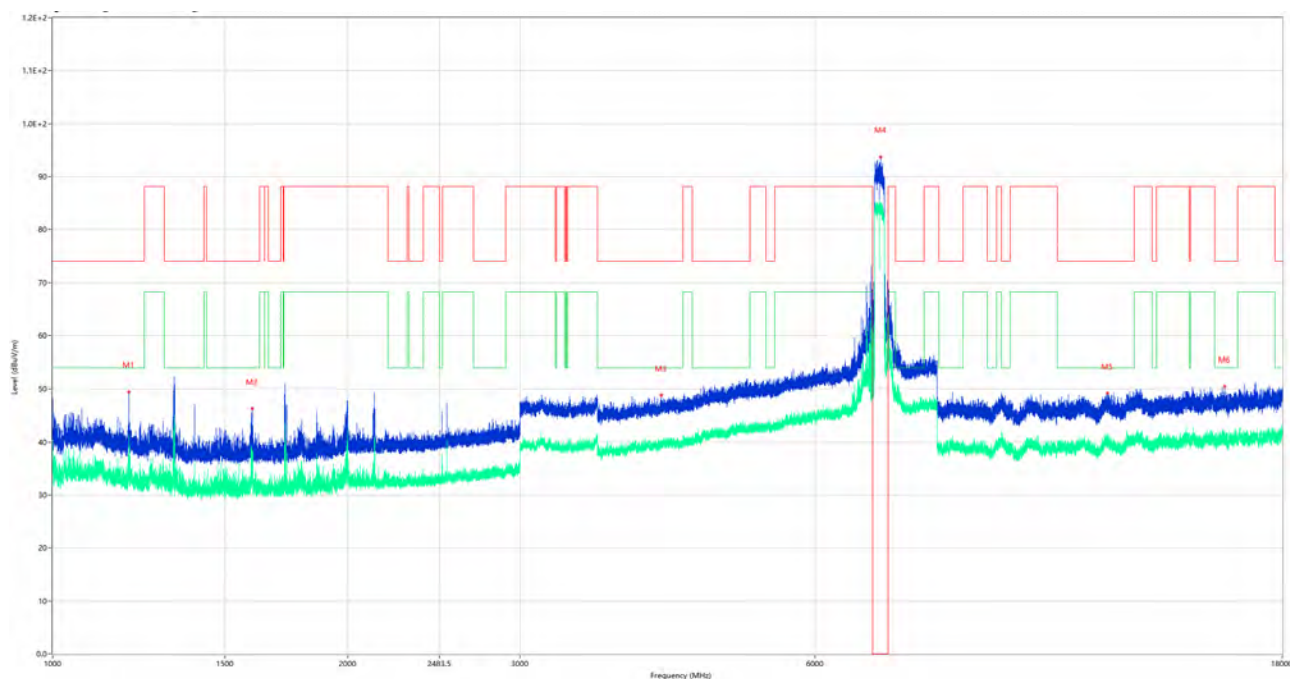
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1131.800	50.03	-16.34	74.0	23.97	Peak	192.00	150	Horizontal	Pass
1**	1131.800	41.04	-16.34	54.0	12.96	AV	192.00	150	Horizontal	Pass
2	1528.800	47.12	-16.28	74.0	26.88	Peak	192.00	150	Horizontal	Pass
2**	1528.800	37.81	-16.28	54.0	16.19	AV	192.00	150	Horizontal	Pass
3	4334.250	49.32	-2.41	74.0	24.68	Peak	235.00	150	Horizontal	Pass
3**	4334.250	39.31	-2.41	54.0	14.69	AV	235.00	150	Horizontal	Pass
4	6939.500	95.97	1.46	--	-47.97	Peak	48.00	150	Horizontal	N/A
4**	6939.500	86.94	1.46	--	-86.94	AV	48.00	150	Horizontal	N/A
5	11233.087	49.13	-1.44	74.0	24.87	Peak	236.00	150	Horizontal	Pass
5**	11233.087	38.82	-1.44	54.0	15.18	AV	236.00	150	Horizontal	Pass
6	15888.975	49.99	1.49	74.0	24.01	Peak	360.00	150	Horizontal	Pass
6**	15888.975	40.37	1.49	54.0	13.63	AV	360.00	150	Horizontal	Pass

11be80, U-NII-8, 1 GHz to 18 GHz, Middle Channel, ANT V



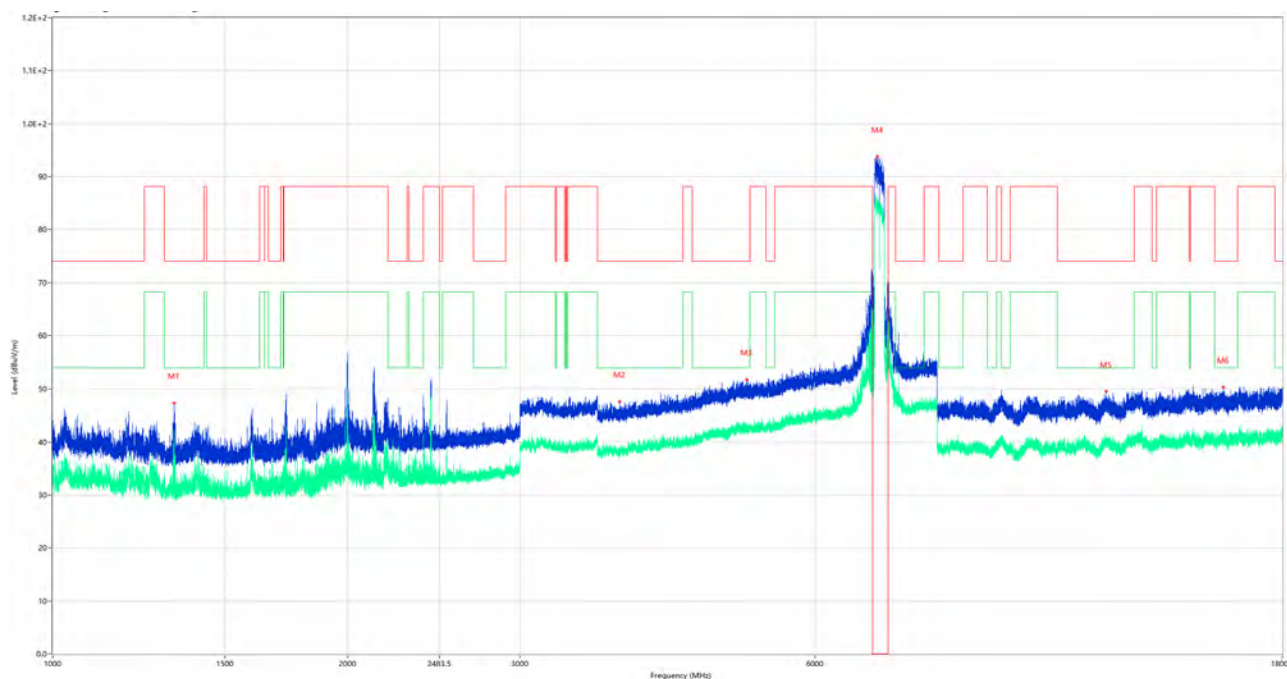
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1057.900	50.25	-16.35	74.0	23.75	Peak	243.00	150	Vertical	Pass
1**	1057.900	40.70	-16.35	54.0	13.30	AV	243.00	150	Vertical	Pass
2	1599.900	47.85	-16.28	74.0	26.15	Peak	124.00	150	Vertical	Pass
2**	1599.900	39.17	-16.28	54.0	14.83	AV	124.00	150	Vertical	Pass
3	4024.250	48.85	-3.02	74.0	25.15	Peak	168.00	150	Vertical	Pass
3**	4024.250	38.67	-3.02	54.0	15.33	AV	168.00	150	Vertical	Pass
4	6953.500	96.42	1.60	--	35.58	Peak	132.00	150	Vertical	N/A
4**	6953.500	87.02	1.60	--	-87.02	AV	132.00	150	Vertical	N/A
5	11905.925	49.69	-0.89	74.0	24.31	Peak	308.00	150	Vertical	Pass
5**	11905.925	40.79	-0.89	54.0	13.21	AV	308.00	150	Vertical	Pass
6	15656.925	50.10	1.36	74.0	23.90	Peak	259.00	150	Vertical	Pass
6**	15656.925	40.31	1.36	54.0	13.69	AV	259.00	150	Vertical	Pass

11be160, U-NII-8, 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	1195.600	49.51	-16.19	74.0	24.49	Peak	170.00	150	Horizontal	Pass
1**	1195.600	38.66	-16.19	54.0	15.34	AV	170.00	150	Horizontal	Pass
2	1599.000	46.34	-16.28	74.0	27.66	Peak	267.00	150	Horizontal	Pass
2**	1599.000	37.69	-16.28	54.0	16.31	AV	267.00	150	Horizontal	Pass
3	4181.250	48.87	-3.06	74.0	25.13	Peak	359.00	150	Horizontal	Pass
3**	4181.250	40.05	-3.06	54.0	13.95	AV	359.00	150	Horizontal	Pass
4	7007.750	93.75	2.28	--	-43.75	Peak	50.00	150	Horizontal	N/A
4**	7007.750	84.98	2.28	--	-84.98	AV	50.00	150	Horizontal	N/A
5	11928.487	49.22	-1.17	74.0	24.78	Peak	332.00	150	Horizontal	Pass
5**	11928.487	39.31	-1.17	54.0	14.69	AV	332.00	150	Horizontal	Pass
6	15709.950	50.48	1.28	74.0	23.52	Peak	268.00	150	Horizontal	Pass
6**	15709.950	40.91	1.28	54.0	13.09	AV	268.00	150	Horizontal	Pass

11be160, U-NII-8, 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	1331.200	47.43	-16.27	74.0	26.57	Peak	231.00	150	Vertical	Pass
1**	1331.200	30.33	-16.27	54.0	23.67	AV	231.00	150	Vertical	Pass
2	3791.750	47.59	-4.74	74.0	26.41	Peak	31.00	150	Vertical	Pass
2**	3791.750	37.34	-4.74	54.0	16.66	AV	31.00	150	Vertical	Pass
3	5113.750	51.74	-0.88	74.0	22.26	Peak	355.00	150	Vertical	Pass
3**	5113.750	42.39	-0.88	54.0	11.61	AV	355.00	150	Vertical	Pass
4	6954.000	93.78	1.59	--	37.22	Peak	131.00	150	Vertical	N/A
4**	6954.000	84.14	1.59	--	-84.14	AV	131.00	150	Vertical	N/A
5	11898.563	49.54	-0.89	74.0	24.46	Peak	1.00	150	Vertical	Pass
5**	11898.563	40.10	-0.89	54.0	13.90	AV	1.00	150	Vertical	Pass
6	15667.687	50.40	1.65	74.0	23.60	Peak	14.00	150	Vertical	Pass
6**	15667.687	40.97	1.65	54.0	13.03	AV	14.00	150	Vertical	Pass

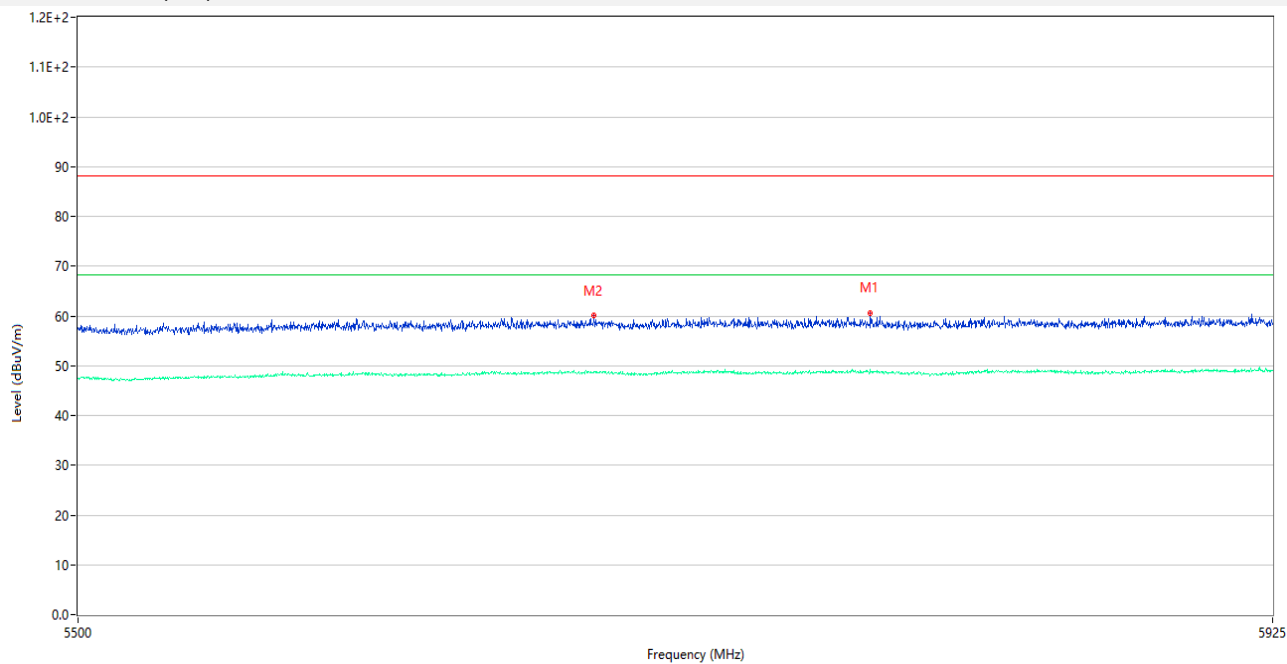
A.5.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-5	802.11ax(HE20) (SU)	Low	Pass
	802.11ax(HE40) (SU)	Low	Pass
	802.11ax(HE80) (SU)	Low	Pass
	802.11ax(HE160) (SU)	Low	Pass
	802.11be(HE20)	Low	Pass
	802.11be(HE40)	Low	Pass
	802.11be(HE80)	Low	Pass
	802.11be(HE160)	Low	Pass
U-NII-8	802.11ax(HE20) (SU)	High	Pass
	802.11ax(HE40) (SU)	High	Pass
	802.11ax(HE80) (SU)	High	Pass
	802.11ax(HE160) (SU)	Middle	Pass
	802.11be(HE20)	High	Pass
	802.11be(HE40)	High	Pass
	802.11be(HE80)	High	Pass
	802.11be(HE160)	Middle	Pass

Test Plots

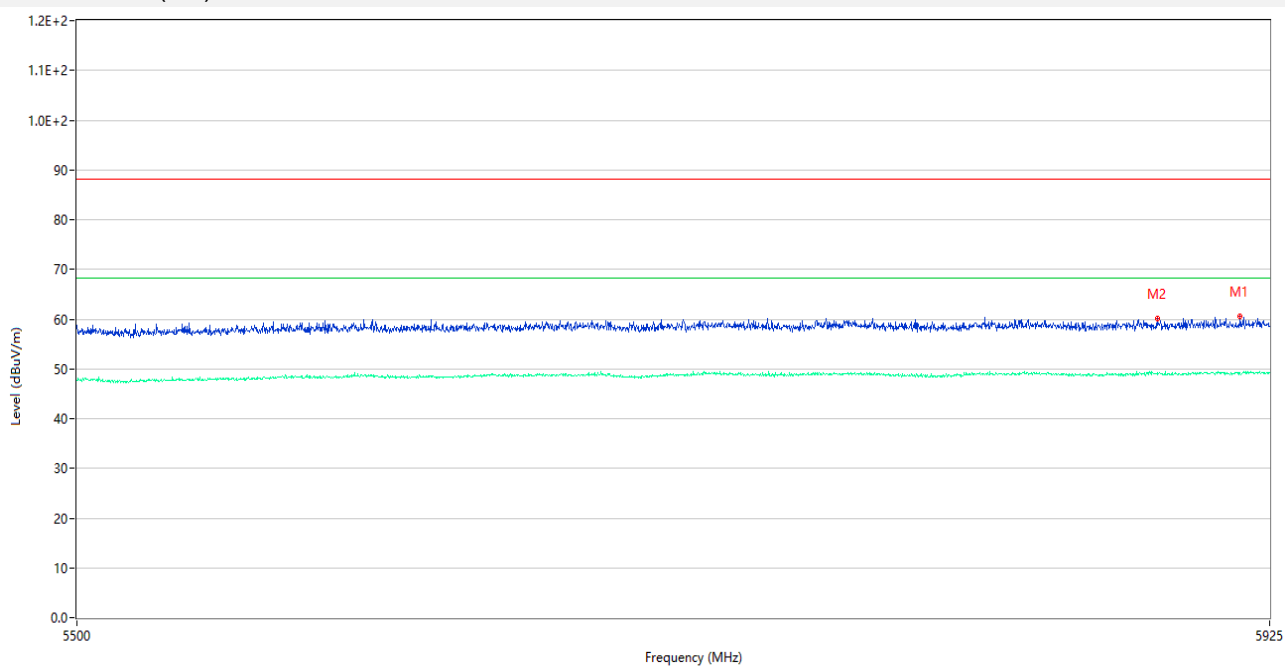
Main Antenna:

U-NII-5 11ax20 (SU) Low Channel



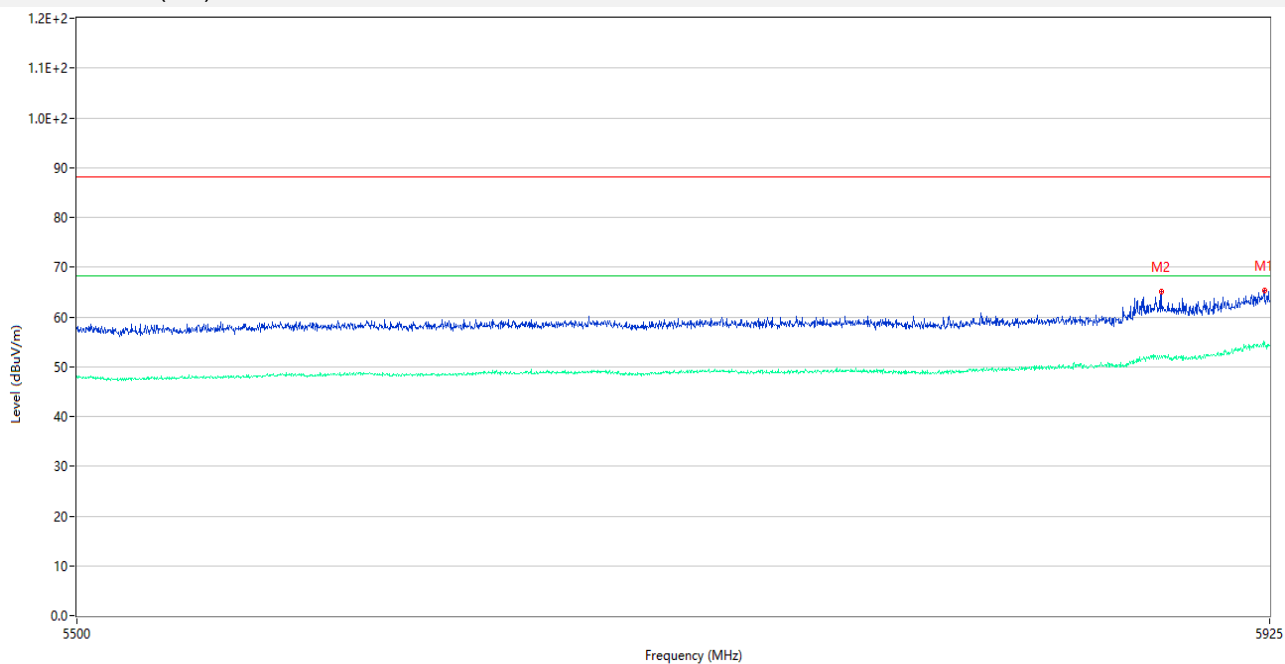
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5778.375	60.65	6.90	88.2	27.55	Peak	5.00	150	Vertical	Pass
1**	5778.375	49.27	6.90	68.2	18.93	AV	5.00	150	Vertical	Pass
2	5679.775	60.12	6.51	88.2	28.08	Peak	360.00	150	Vertical	Pass
2**	5679.775	48.81	6.51	68.2	19.39	AV	360.00	150	Vertical	Pass

U-NII-5 11ax40 (SU) Low Channel



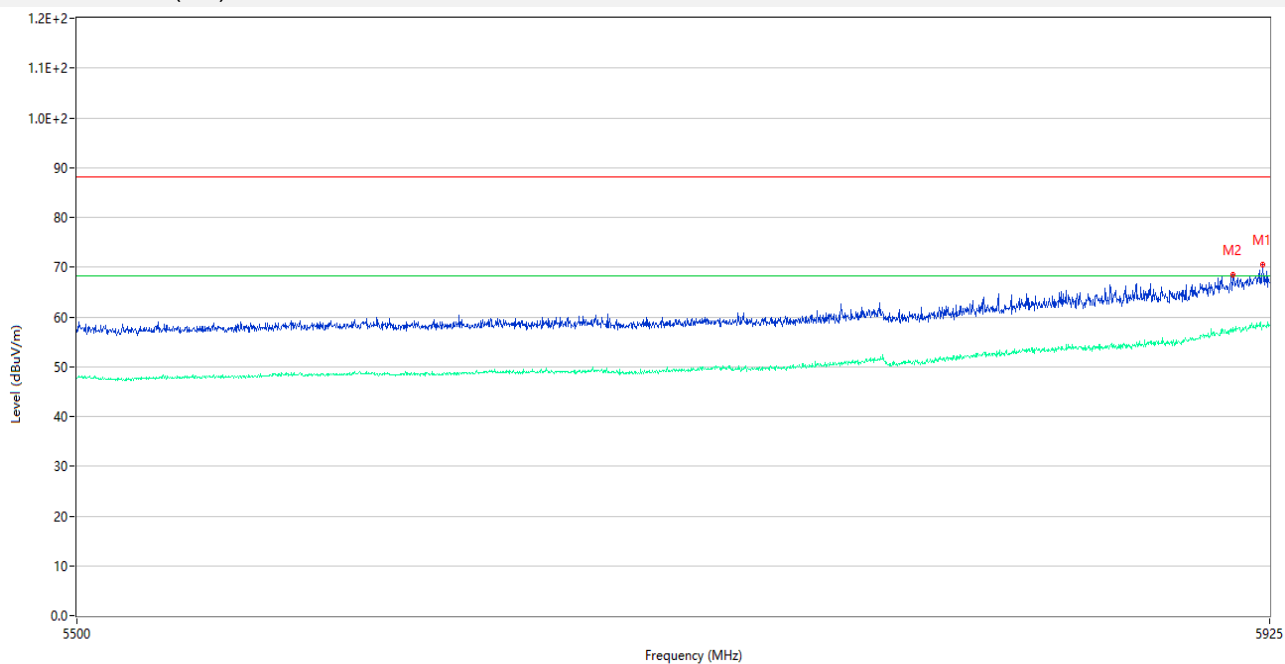
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5914.163	60.61	7.67	88.2	27.59	Peak	176.00	150	Vertical	Pass
1**	5914.163	49.24	7.67	68.2	18.96	AV	176.00	150	Vertical	Pass
2	5883.562	60.20	7.24	88.2	28.00	Peak	323.00	150	Vertical	Pass
2**	5883.562	48.90	7.24	68.2	19.30	AV	323.00	150	Vertical	Pass

U-NII-5 11ax80 (SU) Low Channel



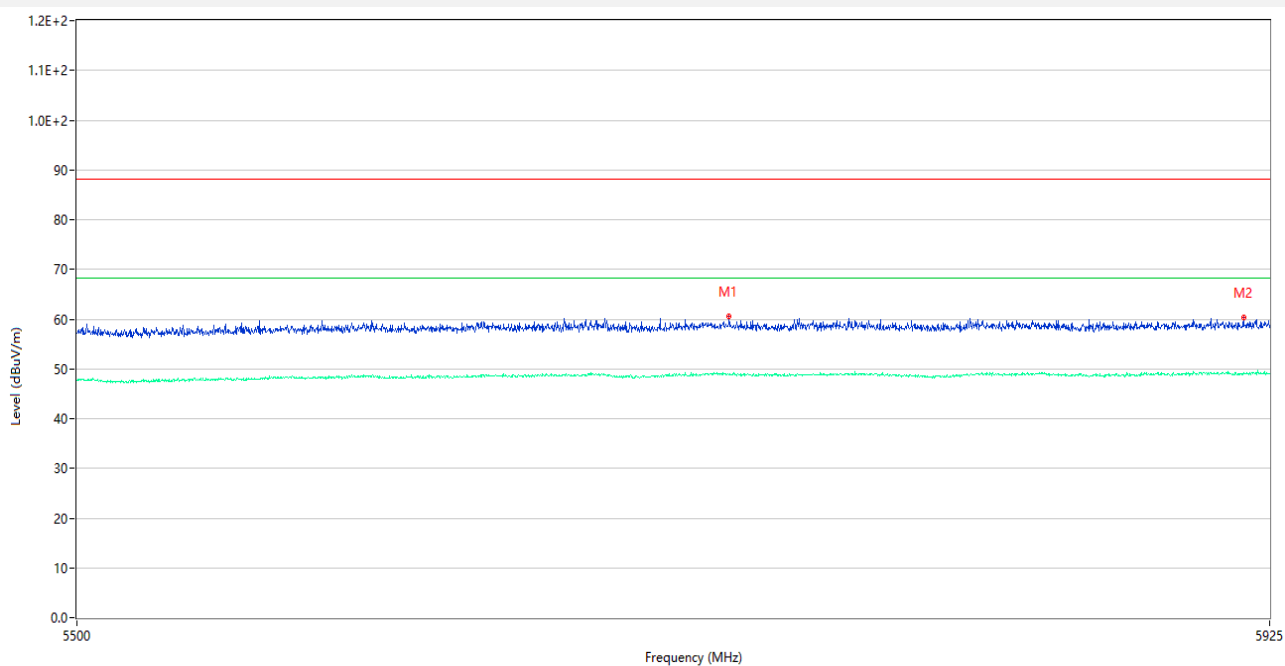
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5923.087	65.31	7.81	88.2	22.89	Peak	113.00	150	Horizontal	Pass
1**	5923.087	54.50	7.81	68.2	13.70	AV	113.00	150	Horizontal	Pass
2	5885.050	65.09	7.28	88.2	23.11	Peak	113.00	150	Horizontal	Pass
2**	5885.050	52.03	7.28	68.2	16.17	AV	113.00	150	Horizontal	Pass

U-NII-5 11ax160 (SU) Low Channel



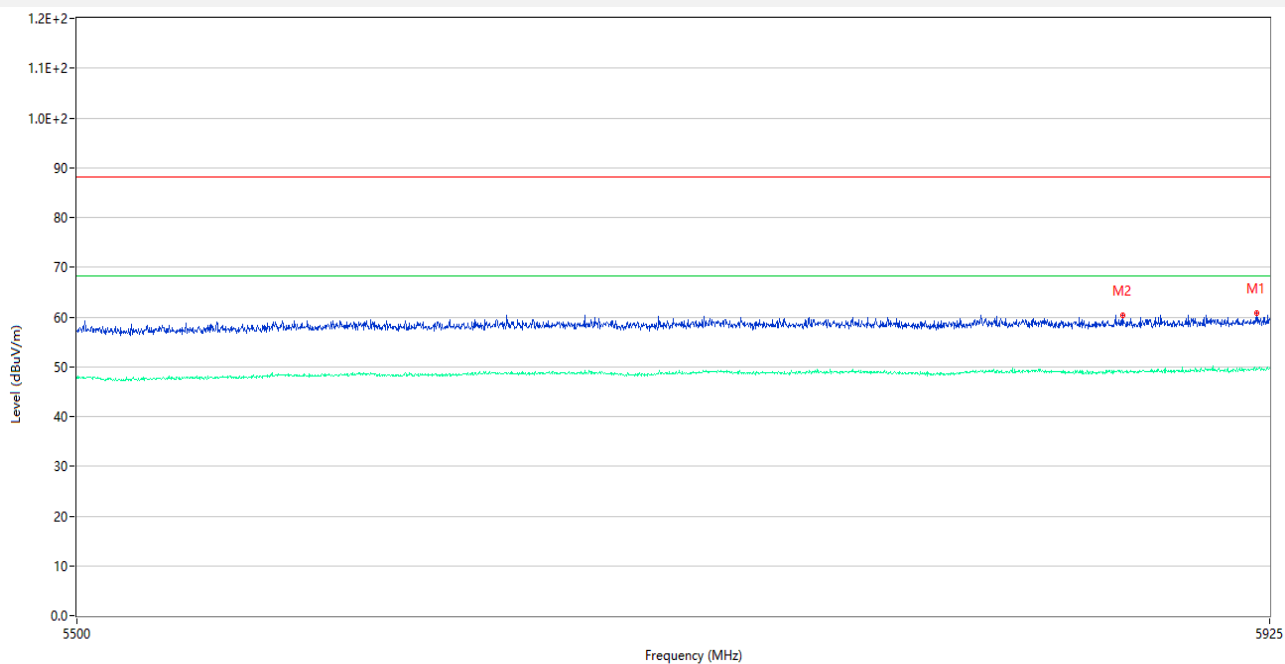
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5922.450	70.49	7.82	88.2	17.71	Peak	112.00	150	Horizontal	Pass
1**	5922.450	58.25	7.82	68.2	9.95	AV	112.00	150	Horizontal	Pass
2	5911.400	68.52	7.56	88.2	19.68	Peak	124.00	150	Horizontal	Pass
2**	5911.400	56.98	7.56	68.2	11.22	AV	124.00	150	Horizontal	Pass

U-NII-5 11be20 Low Channel



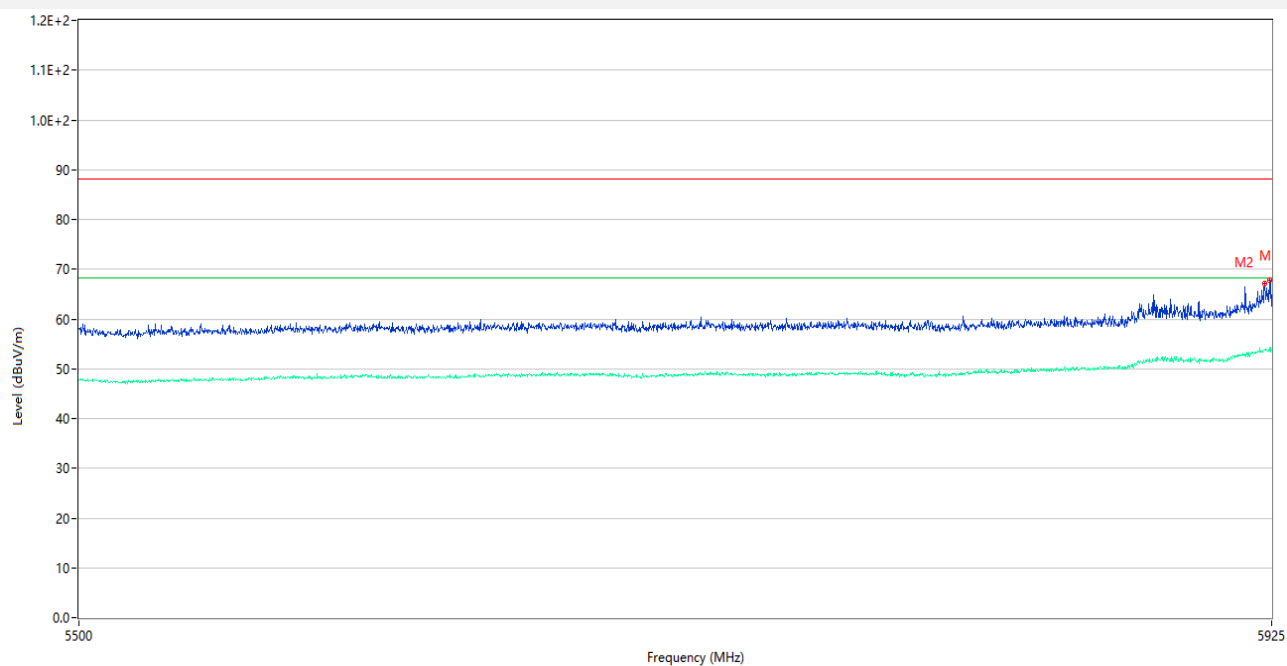
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5728.437	60.63	6.45	88.2	27.57	Peak	56.00	150	Horizontal	Pass
1**	5728.437	48.82	6.45	68.2	19.38	AV	56.00	150	Horizontal	Pass
2	5915.438	60.33	7.69	88.2	27.87	Peak	46.00	150	Horizontal	Pass
2**	5915.438	49.16	7.69	68.2	19.04	AV	46.00	150	Horizontal	Pass

U-NII-5 11be40 Low Channel



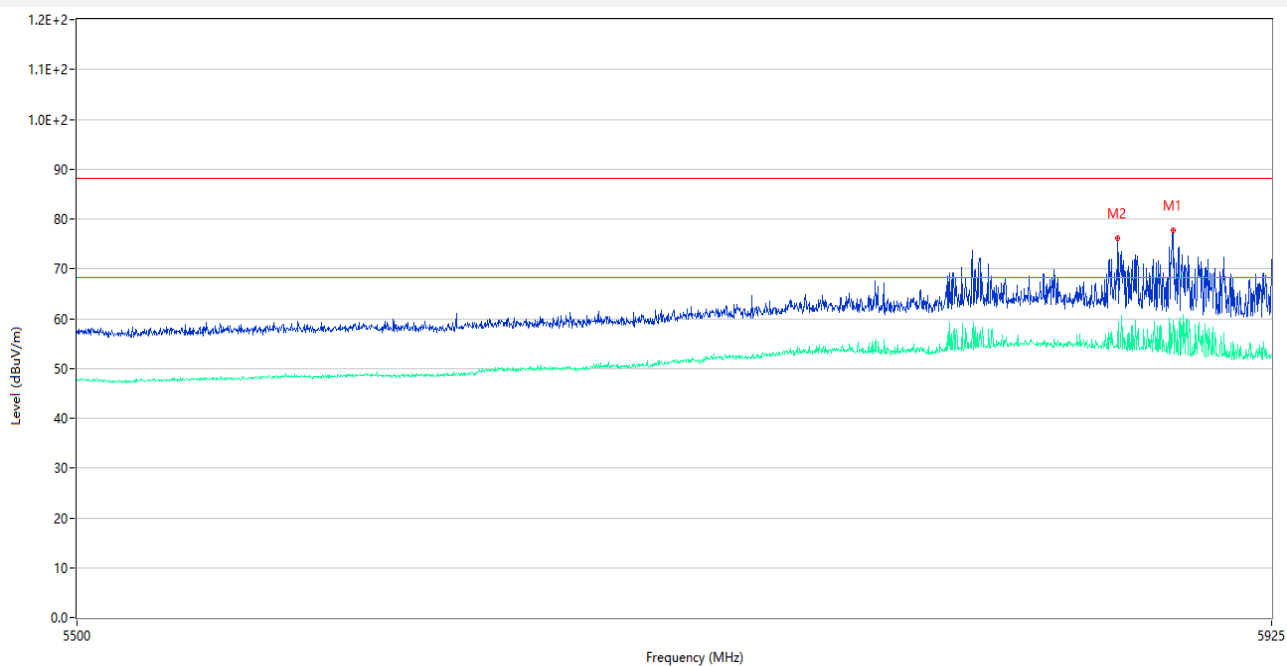
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5920.325	60.76	7.88	88.2	27.44	Peak	211.00	150	Horizontal	Pass
1**	5920.325	49.76	7.88	68.2	18.44	AV	211.00	150	Horizontal	Pass
2	5870.813	60.41	6.80	88.2	27.79	Peak	307.00	150	Horizontal	Pass
2**	5870.813	49.02	6.80	68.2	19.18	AV	307.00	150	Horizontal	Pass

U-NII-5 11be80 Low Channel



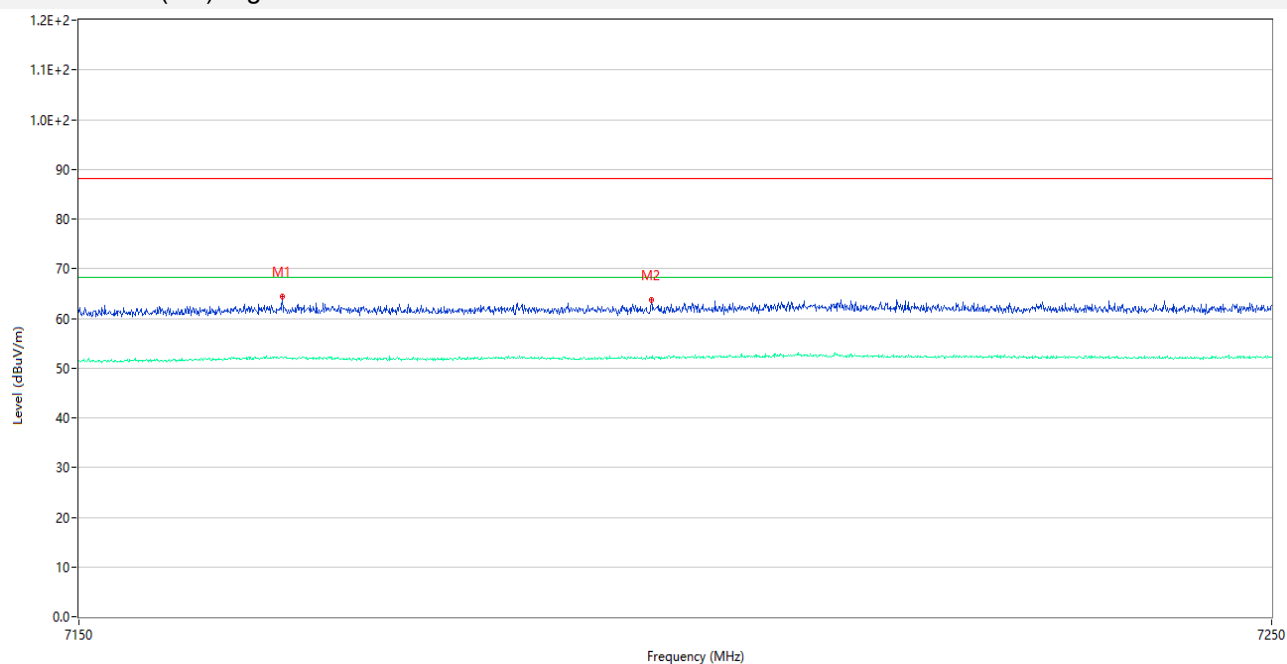
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.150	67.81	7.82	88.2	20.39	Peak	118.00	150	Horizontal	Pass
1**	5924.150	54.18	7.82	68.2	14.02	AV	118.00	150	Horizontal	Pass
2	5922.450	67.20	7.82	88.2	21.00	Peak	111.00	150	Horizontal	Pass
2**	5922.450	53.86	7.82	68.2	14.34	AV	111.00	150	Horizontal	Pass

U-NII-5 11be160 Low Channel



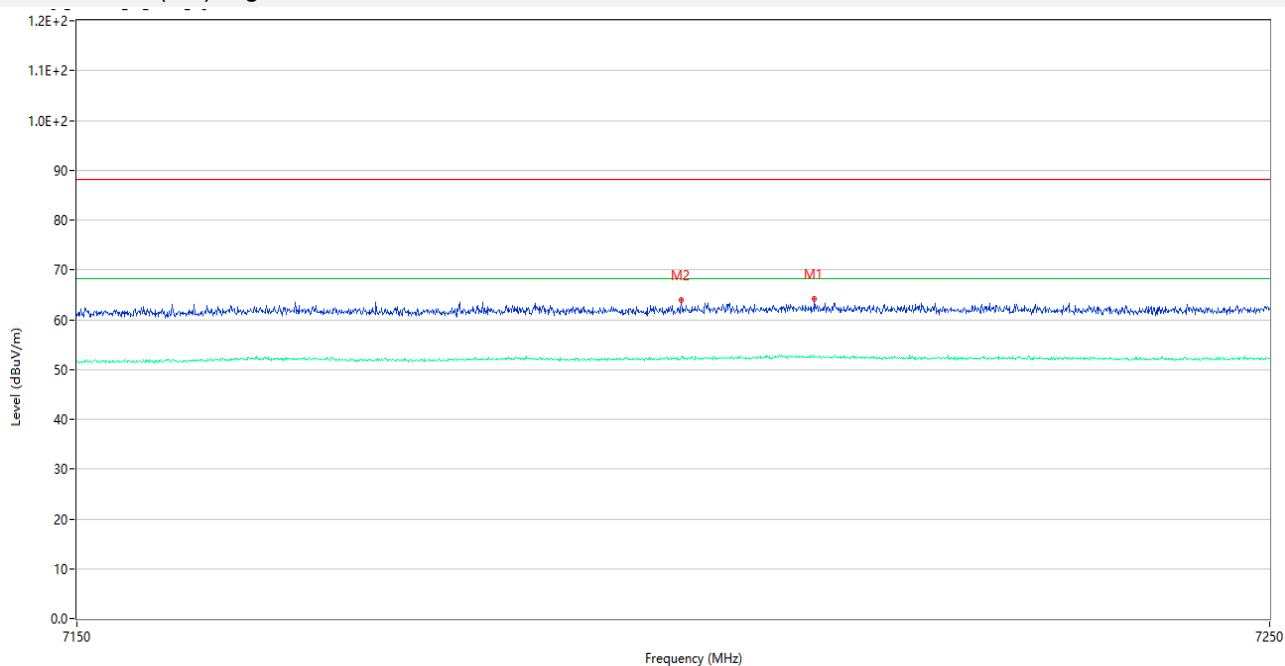
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5888.663	77.75	7.30	88.2	10.45	Peak	112.00	150	Horizontal	Pass
1**	5888.663	59.68	7.30	68.2	8.52	AV	112.00	150	Horizontal	Pass
2	5868.475	76.10	6.80	88.2	12.10	Peak	119.00	150	Horizontal	Pass
2**	5868.475	55.70	6.80	68.2	12.50	AV	119.00	150	Horizontal	Pass

U-NII-8 11ax20 (SU) High Channel



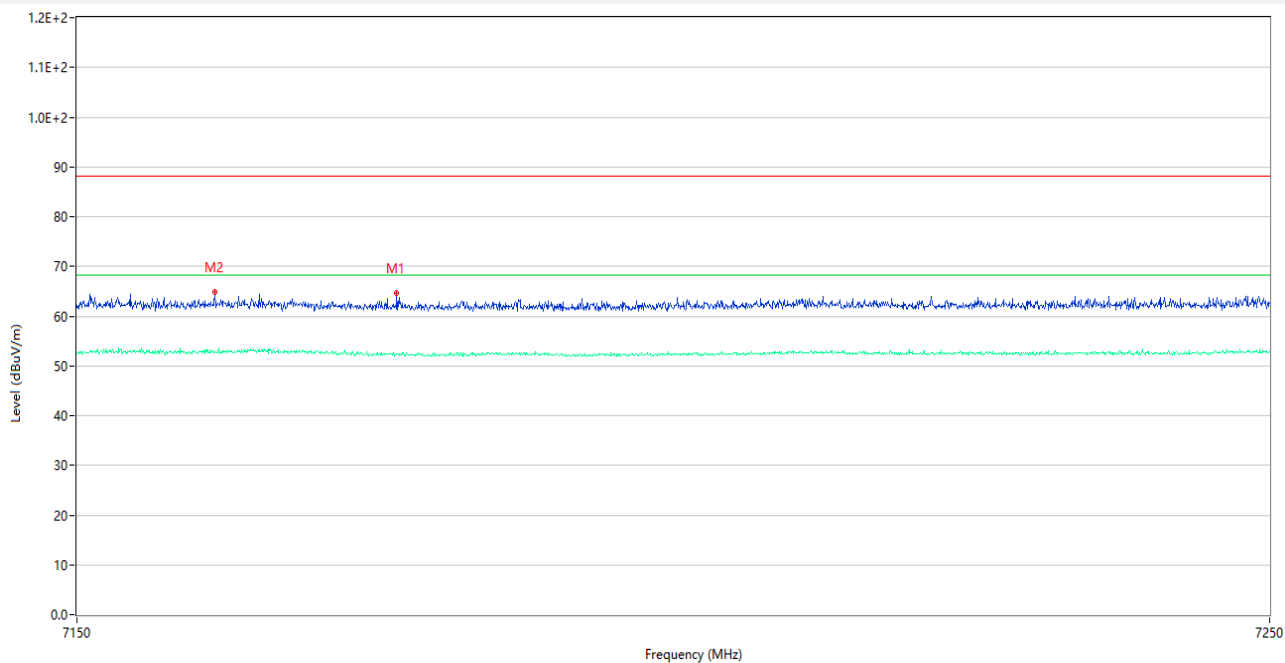
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7166.938	64.43	9.51	88.2	23.77	Peak	235.00	150	Vertical	Pass
1**	7166.938	52.19	9.51	68.2	16.01	AV	235.00	150	Vertical	Pass
2	7197.813	63.67	9.89	88.2	24.53	Peak	14.00	150	Vertical	Pass
2**	7197.813	52.05	9.89	68.2	16.15	AV	14.00	150	Vertical	Pass

U-NII-8 11ax40 (SU) High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7211.687	64.21	10.89	88.2	23.99	Peak	15.00	150	Horizontal	Pass
1**	7211.687	52.62	10.89	68.2	15.58	AV	15.00	150	Horizontal	Pass
2	7200.500	63.91	10.15	88.2	24.29	Peak	32.00	150	Horizontal	Pass
2**	7200.500	52.44	10.15	68.2	15.76	AV	32.00	150	Horizontal	Pass

U-NII-8 11ax80 (SU) High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7176.688	64.57	9.45	88.2	23.63	Peak	156.00	150	Horizontal	Pass
1**	7176.688	52.41	9.45	68.2	15.79	AV	156.00	150	Horizontal	Pass
2	7161.500	64.80	9.24	88.2	23.40	Peak	151.00	150	Horizontal	Pass
2**	7161.500	52.57	9.24	68.2	15.63	AV	151.00	150	Horizontal	Pass

U-NII-8 11ax160 (SU) Middle Channel



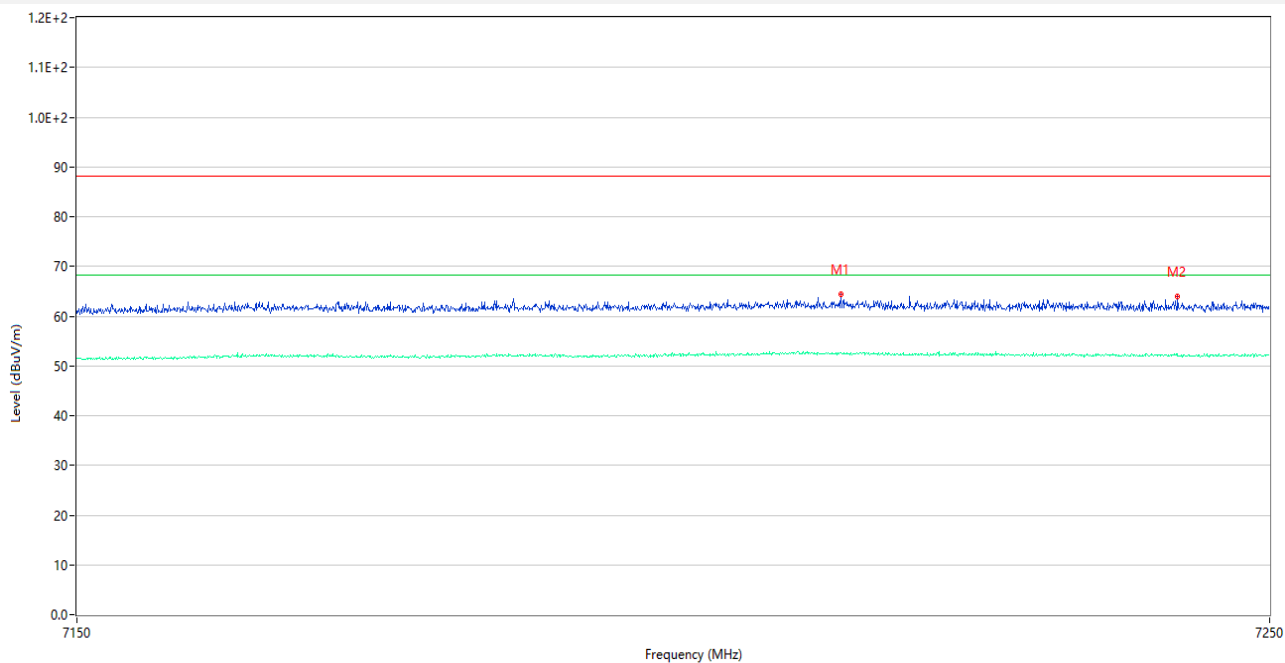
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7155.750	69.01	8.93	88.2	19.19	Peak	199.00	150	Horizontal	Pass
1**	7155.750	56.08	8.93	68.2	12.12	AV	199.00	150	Horizontal	Pass
2	7173.875	68.76	9.43	88.2	19.44	Peak	153.00	150	Horizontal	Pass
2**	7173.875	55.83	9.43	68.2	12.37	AV	153.00	150	Horizontal	Pass

U-NII-8 11be20 High Channel



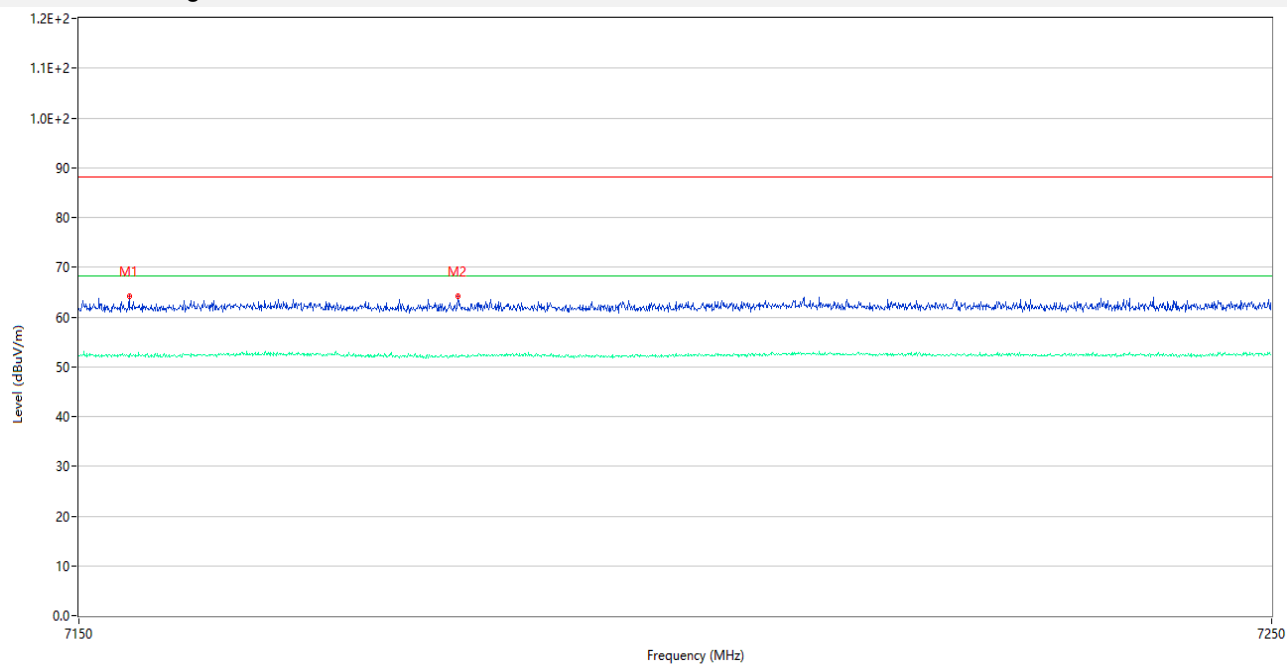
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7225.187	64.15	10.59	88.2	24.05	Peak	127.00	150	Horizontal	Pass
1**	7225.187	52.14	10.59	68.2	16.06	AV	127.00	150	Horizontal	Pass
2	7211.375	64.08	10.89	88.2	24.12	Peak	203.00	150	Horizontal	Pass
2**	7211.375	52.58	10.89	68.2	15.62	AV	203.00	150	Horizontal	Pass

U-NII-8 11be40 High Channel



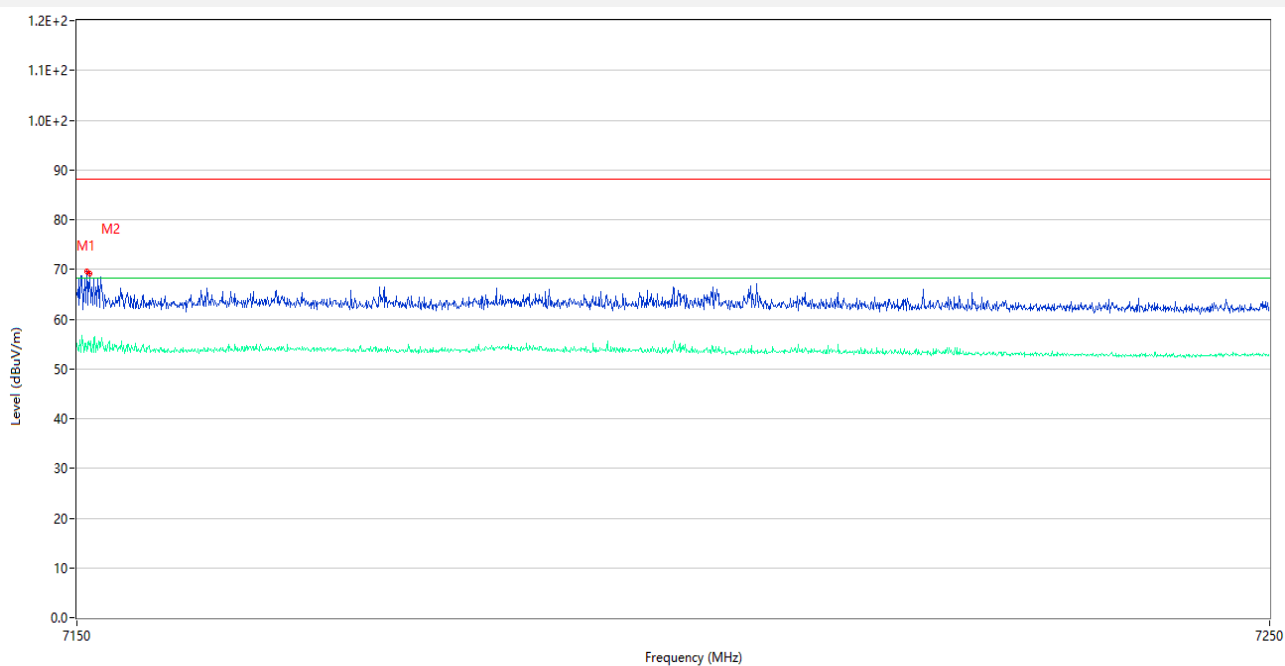
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7213.875	64.32	10.82	88.2	23.88	Peak	320.00	150	Vertical	Pass
1**	7213.875	52.69	10.82	68.2	15.51	AV	320.00	150	Vertical	Pass
2	7242.250	63.95	10.22	88.2	24.25	Peak	147.00	150	Vertical	Pass
2**	7242.250	52.44	10.22	68.2	15.76	AV	147.00	150	Vertical	Pass

U-NII-8 11be80 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7154.187	64.22	8.93	88.2	23.98	Peak	190.00	150	Horizontal	Pass
1**	7154.187	52.54	8.93	68.2	15.66	AV	190.00	150	Horizontal	Pass
2	7181.625	64.07	9.56	88.2	24.13	Peak	151.00	150	Horizontal	Pass
2**	7181.625	51.96	9.56	68.2	16.24	AV	151.00	150	Horizontal	Pass

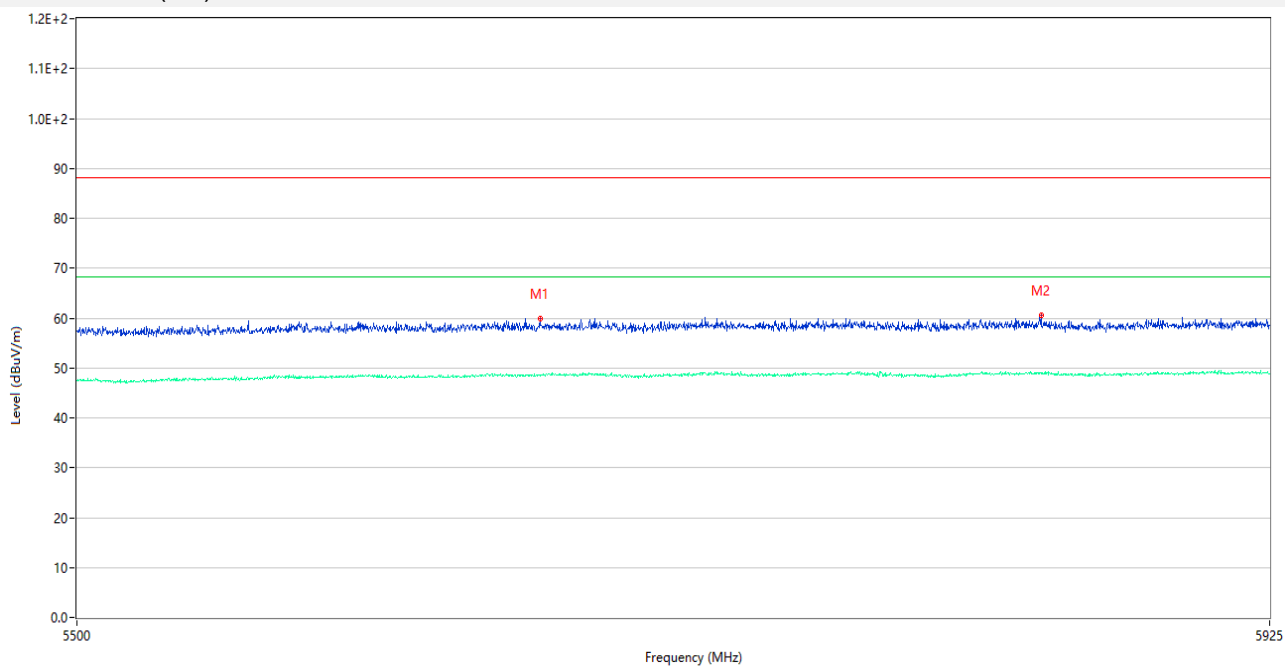
U-NII-8 11be160 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7150.813	69.70	8.85	88.2	18.50	Peak	185.00	150	Horizontal	Pass
1**	7150.813	53.61	8.85	68.2	14.59	AV	185.00	150	Horizontal	Pass
2	7151.063	69.24	8.86	88.2	18.96	Peak	162.00	150	Horizontal	Pass
2**	7151.063	54.66	8.86	68.2	13.54	AV	162.00	150	Horizontal	Pass

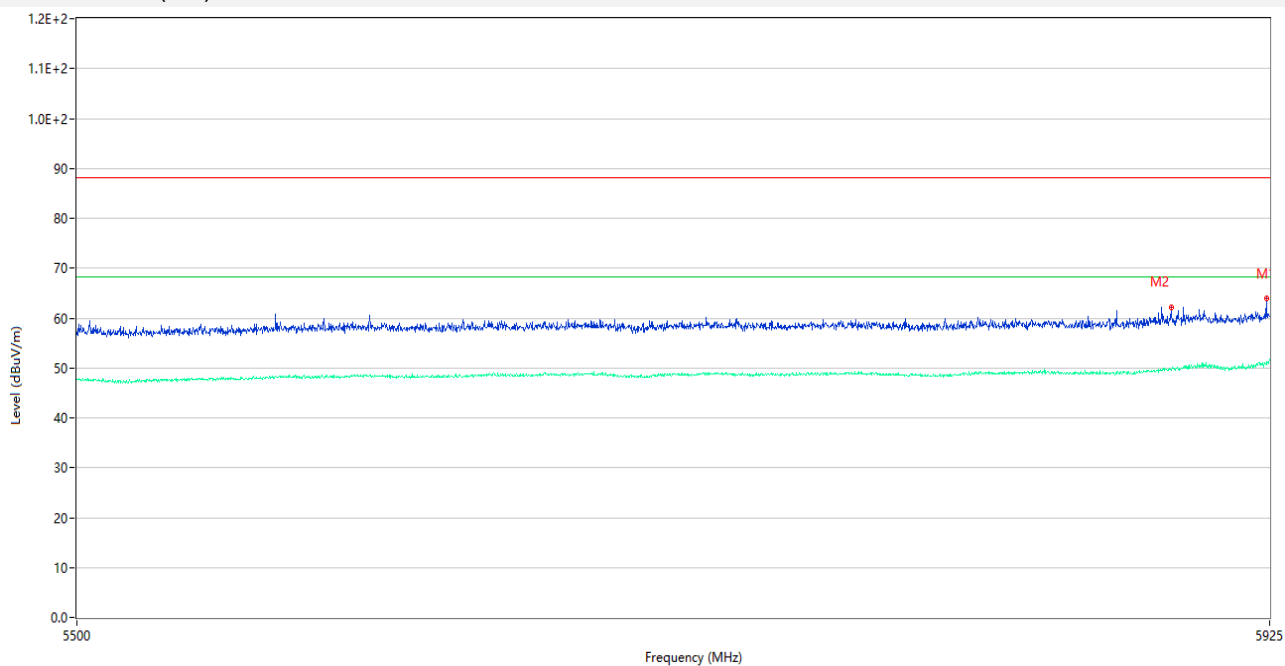
Aux. Antenna:

U-NII-5 11ax20 (SU) Low Channel



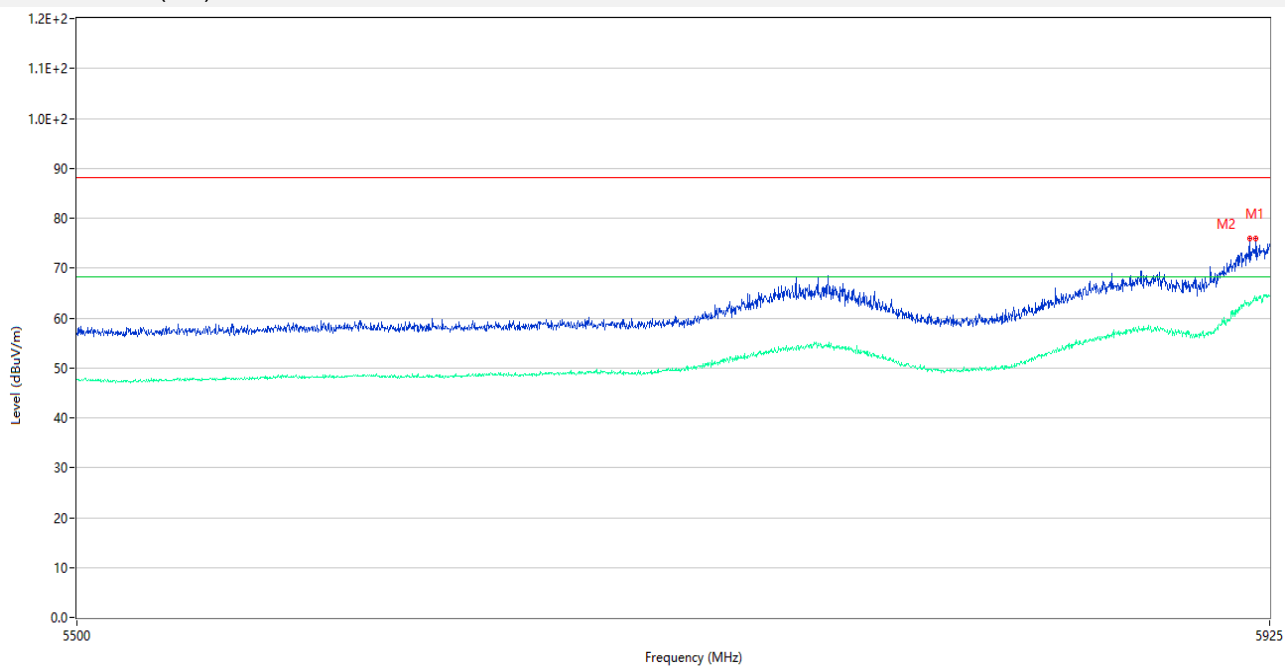
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5661.287	59.78	6.20	88.2	28.42	Peak	262.00	150	Vertical	Pass
1**	5661.287	48.47	6.20	68.2	19.73	AV	262.00	150	Vertical	Pass
2	5841.062	60.47	7.20	88.2	27.73	Peak	4.00	150	Vertical	Pass
2**	5841.062	49.00	7.20	68.2	19.20	AV	4.00	150	Vertical	Pass

U-NII-5 11ax40 (SU) Low Channel



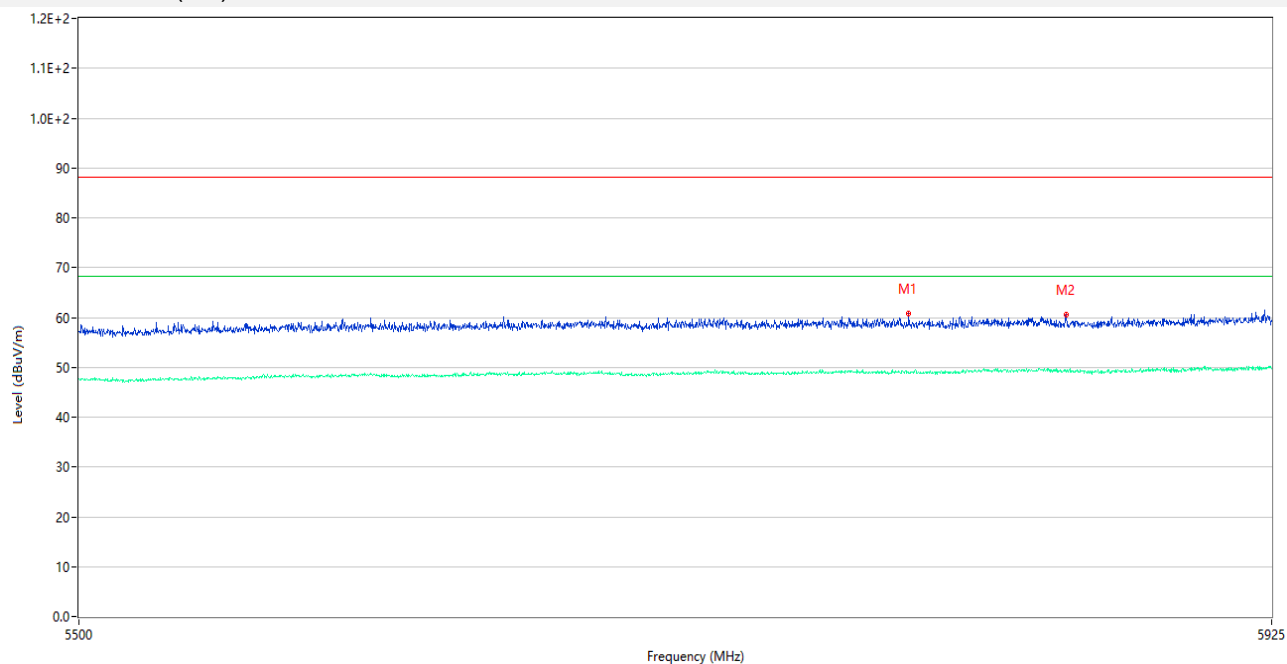
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5923.725	64.06	7.82	88.2	24.14	Peak	176.00	150	Vertical	Pass
1**	5923.725	50.55	7.82	68.2	17.65	AV	176.00	150	Vertical	Pass
2	5888.663	62.25	7.30	88.2	25.95	Peak	98.00	150	Vertical	Pass
2**	5888.663	49.56	7.30	68.2	18.64	AV	98.00	150	Vertical	Pass

U-NII-5 11ax80 (SU) Low Channel



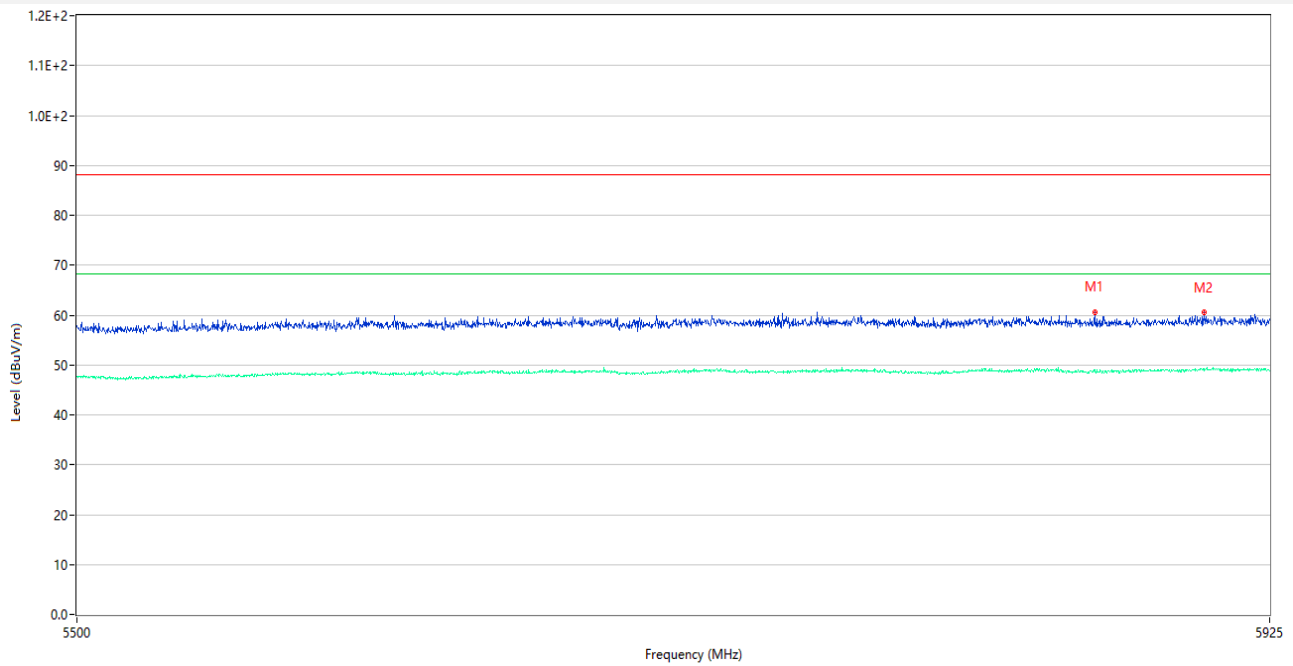
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5919.900	76.00	7.89	88.2	12.20	Peak	173.00	150	Vertical	Pass
1**	5919.900	63.72	7.89	68.2	4.48	AV	173.00	150	Vertical	Pass
2	5917.562	75.93	7.77	88.2	12.27	Peak	125.00	150	Vertical	Pass
2**	5917.562	62.54	7.77	68.2	5.66	AV	125.00	150	Vertical	Pass

U-NII-5 11ax160 (SU) Low Channel



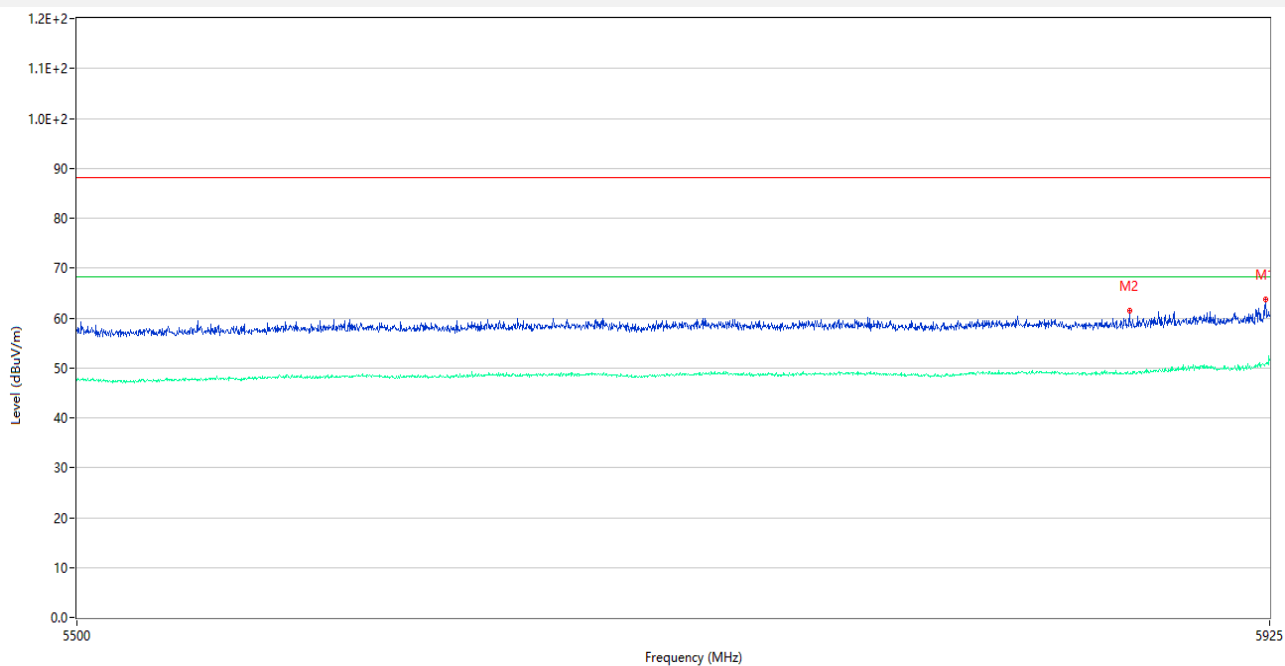
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5792.400	60.87	6.64	88.2	27.33	Peak	344.00	150	Vertical	Pass
1**	5792.400	48.64	6.64	68.2	19.56	AV	344.00	150	Vertical	Pass
2	5849.563	60.53	6.90	88.2	27.67	Peak	186.00	150	Vertical	Pass
2**	5849.563	48.96	6.90	68.2	19.24	AV	186.00	150	Vertical	Pass

U-NII-5 11be20 Low Channel



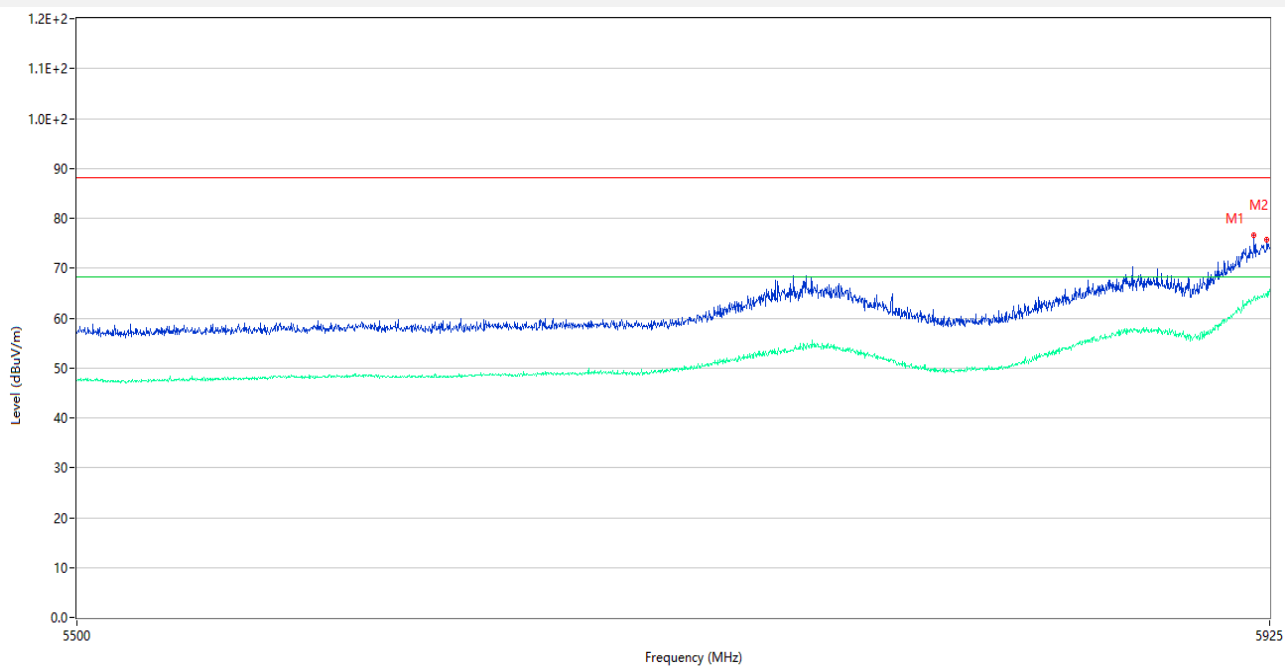
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5860.612	60.66	6.71	88.2	27.54	Peak	70.00	150	Vertical	Pass
1**	5860.612	48.53	6.71	68.2	19.67	AV	70.00	150	Vertical	Pass
2	5900.987	60.55	7.66	88.2	27.65	Peak	3.00	150	Vertical	Pass
2**	5900.987	49.33	7.66	68.2	18.87	AV	3.00	150	Vertical	Pass

U-NII-5 11be40 Low Channel



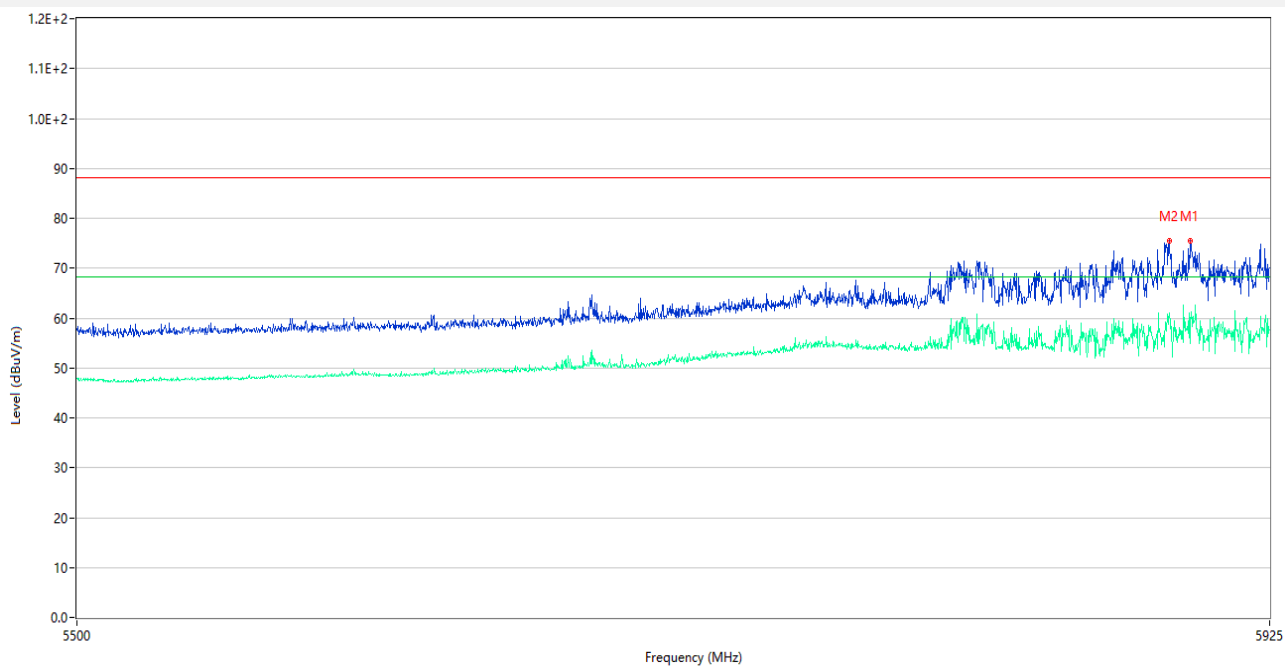
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5923.513	63.71	7.82	88.2	24.49	Peak	181.00	150	Vertical	Pass
1**	5923.513	50.79	7.82	68.2	17.41	AV	181.00	150	Vertical	Pass
2	5873.362	61.50	6.85	88.2	26.70	Peak	96.00	150	Vertical	Pass
2**	5873.362	48.89	6.85	68.2	19.31	AV	96.00	150	Vertical	Pass

U-NII-5 11be80 Low Channel



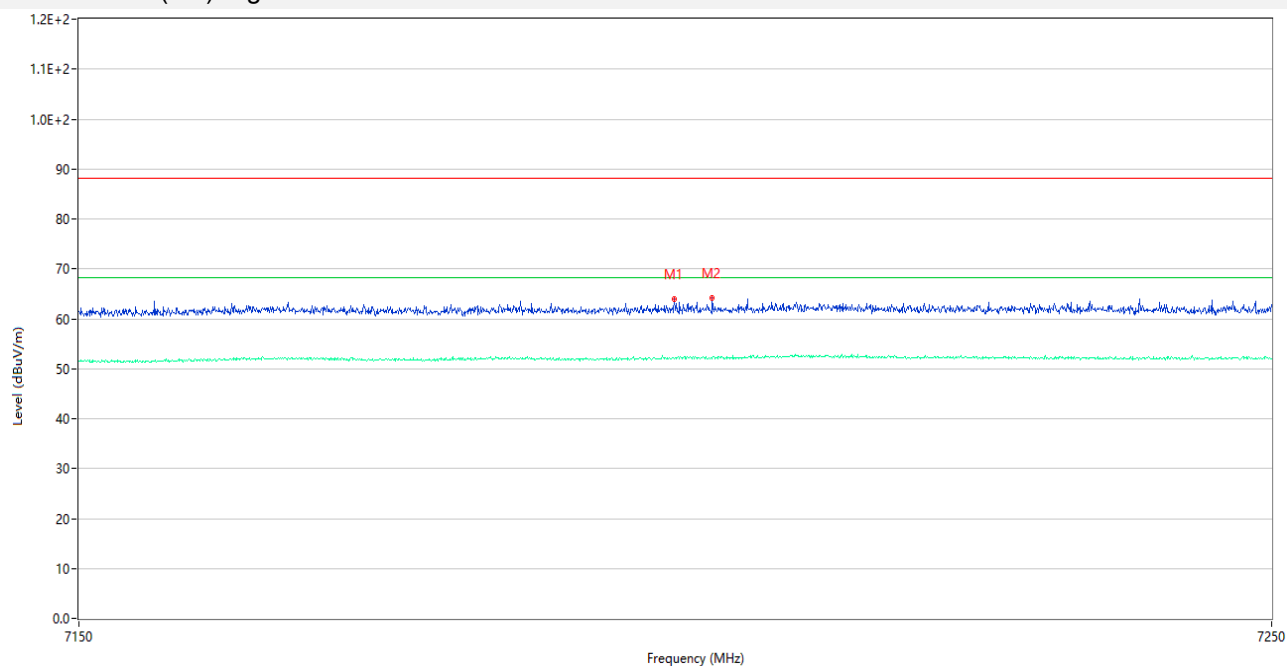
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5919.263	76.57	7.87	88.2	11.63	Peak	178.00	150	Vertical	Pass
1**	5919.263	64.05	7.87	68.2	4.15	AV	178.00	150	Vertical	Pass
2	5923.937	75.77	7.82	88.2	12.43	Peak	172.00	150	Vertical	Pass
2**	5923.937	64.33	7.82	68.2	3.87	AV	172.00	150	Vertical	Pass

U-NII-5 11be160 Low Channel



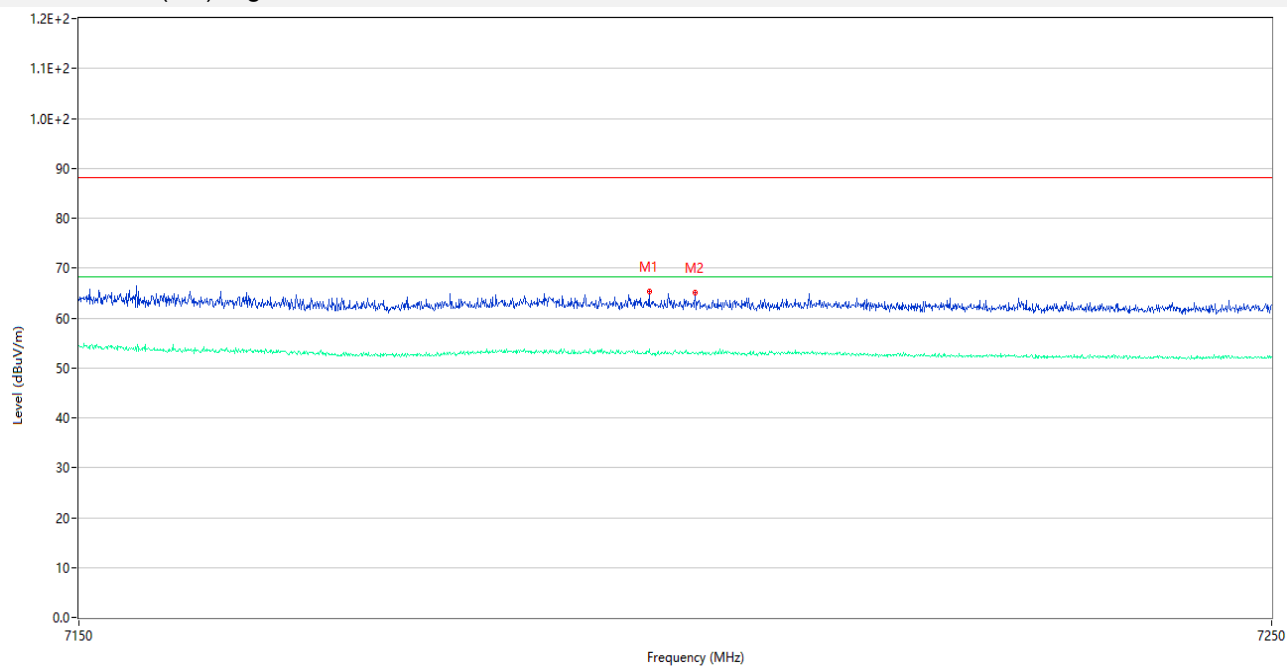
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5895.888	75.53	7.50	88.2	12.67	Peak	181.00	150	Vertical	Pass
1**	5895.888	58.93	7.50	68.2	9.27	AV	181.00	150	Vertical	Pass
2	5888.025	75.44	7.29	88.2	12.76	Peak	174.00	150	Vertical	Pass
2**	5888.025	61.12	7.29	68.2	7.08	AV	174.00	150	Vertical	Pass

U-NII-8 11ax20 (SU) High Channel



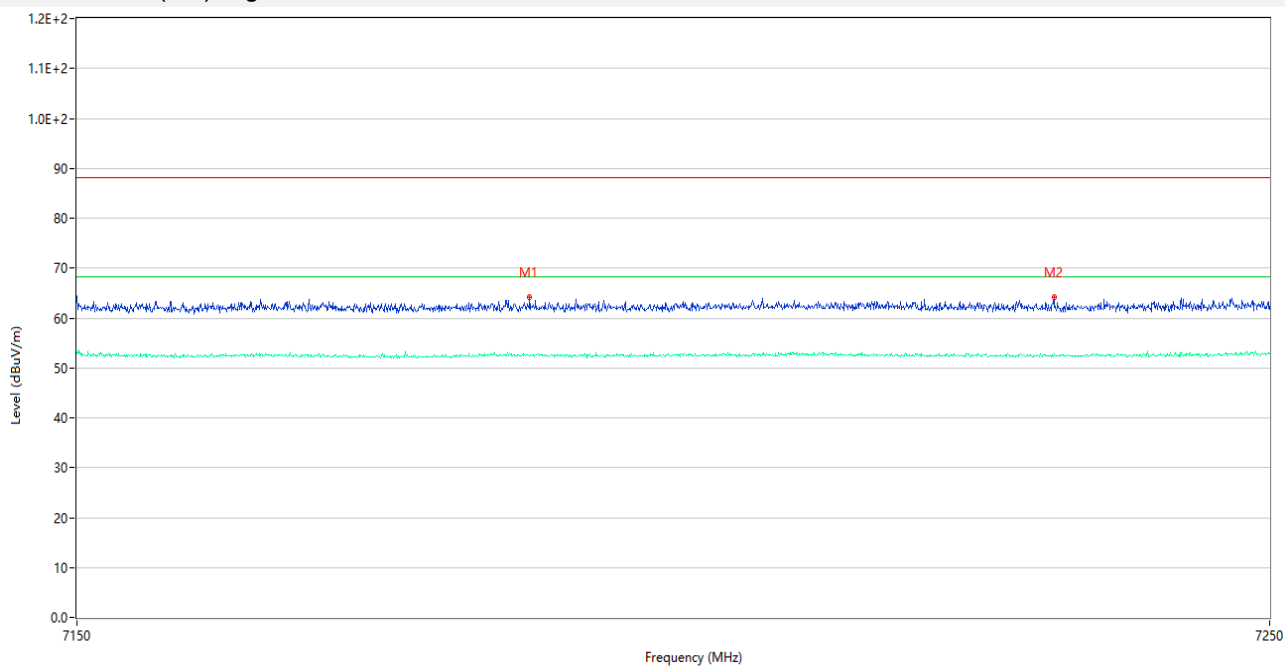
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7199.750	63.90	10.08	88.2	24.30	Peak	340.00	150	Horizontal	Pass
1**	7199.750	52.01	10.08	68.2	16.19	AV	340.00	150	Horizontal	Pass
2	7202.937	64.18	10.30	88.2	24.02	Peak	0.00	150	Horizontal	Pass
2**	7202.937	52.20	10.30	68.2	16.00	AV	0.00	150	Horizontal	Pass

U-NII-8 11ax40 (SU) High Channel



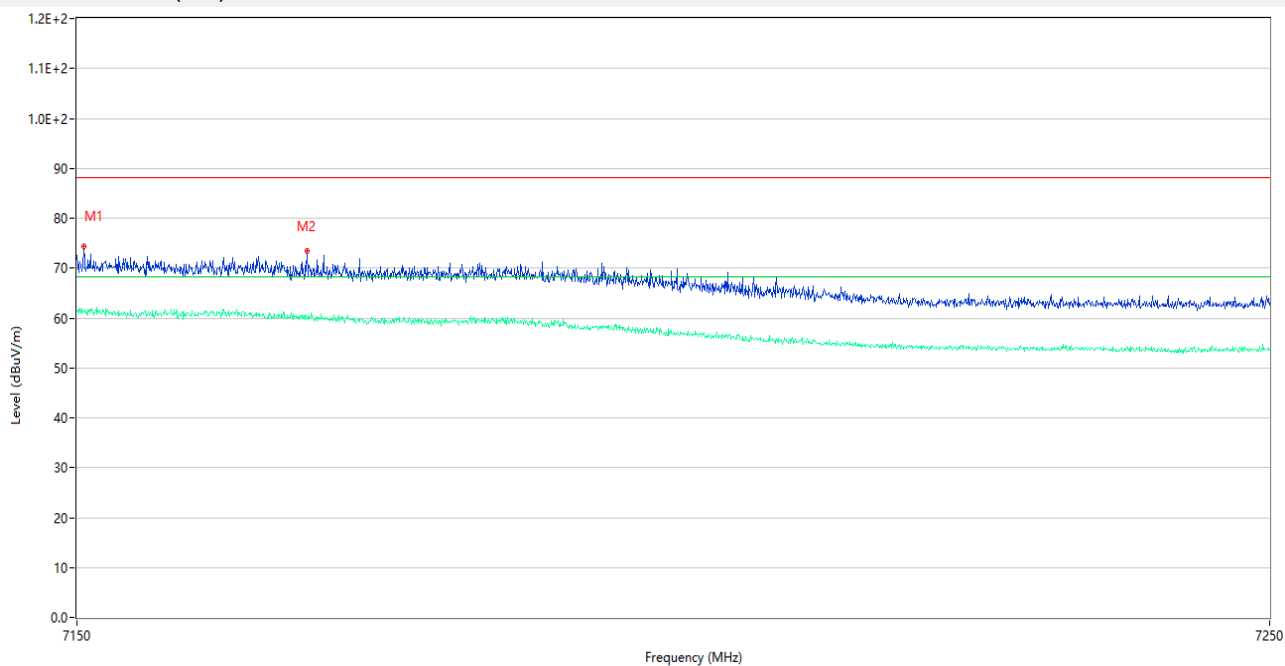
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7197.625	65.33	9.88	88.2	22.87	Peak	322.00	150	Horizontal	Pass
1**	7197.625	53.81	9.88	68.2	14.39	AV	322.00	150	Horizontal	Pass
2	7201.500	65.01	10.20	88.2	23.19	Peak	288.00	150	Horizontal	Pass
2**	7201.500	52.53	10.20	68.2	15.67	AV	288.00	150	Horizontal	Pass

U-NII-8 11ax80 (SU) High Channel



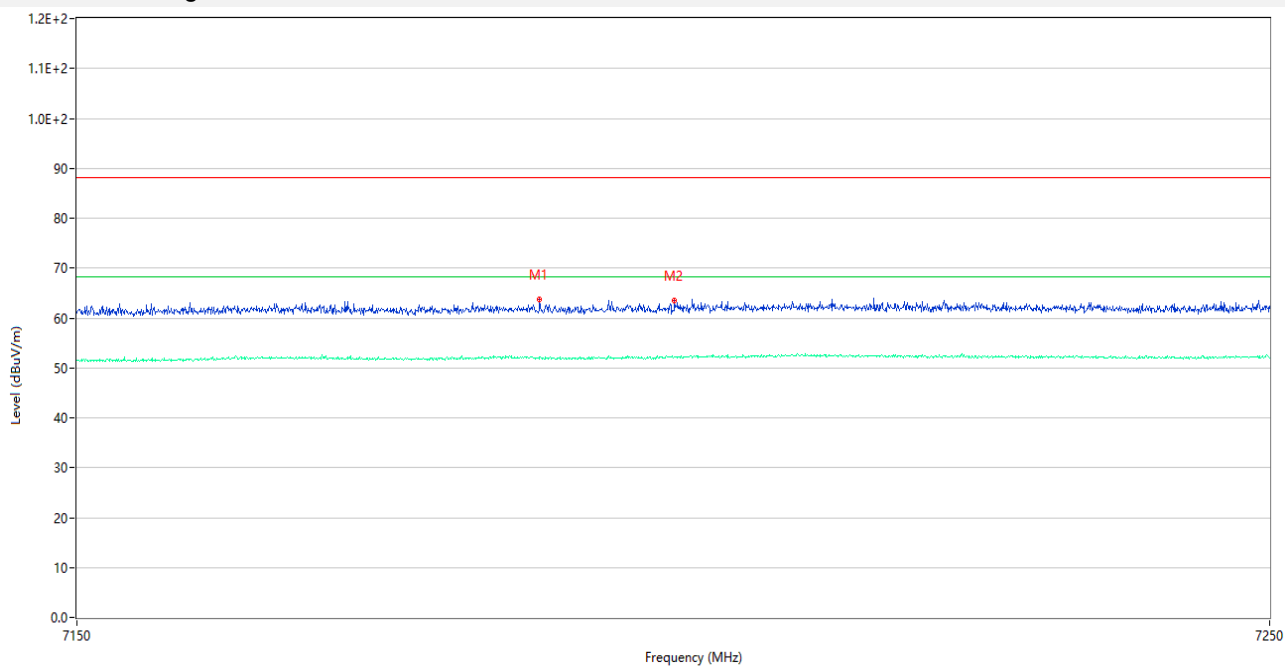
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7187.812	64.20	9.74	88.2	24.00	Peak	318.00	150	Horizontal	Pass
1**	7187.812	52.42	9.74	68.2	15.78	AV	318.00	150	Horizontal	Pass
2	7231.813	64.20	10.43	88.2	24.00	Peak	32.00	150	Horizontal	Pass
2**	7231.813	52.78	10.43	68.2	15.42	AV	32.00	150	Horizontal	Pass

U-NII-8 11ax160 (SU) Middle Channel



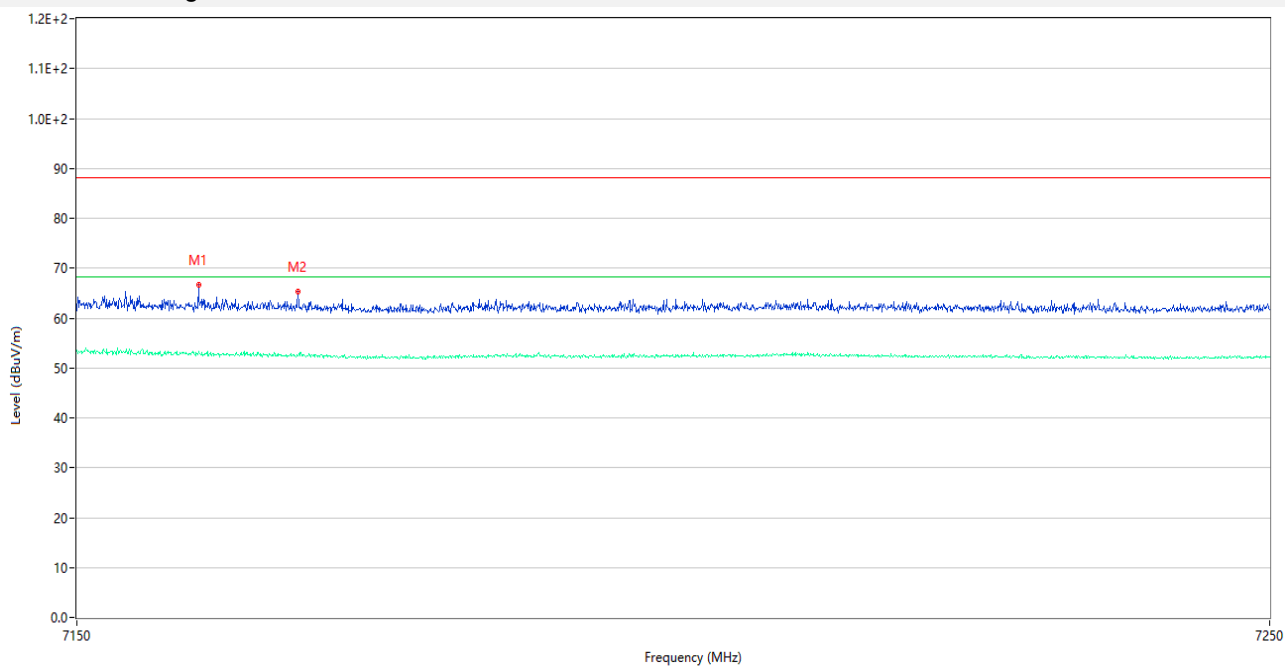
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7150.562	74.27	8.85	88.2	13.93	Peak	54.00	150	Horizontal	Pass
1**	7150.562	61.30	8.85	68.2	6.90	AV	54.00	150	Horizontal	Pass
2	7169.187	73.34	9.54	88.2	14.86	Peak	47.00	150	Horizontal	Pass
2**	7169.187	59.86	9.54	68.2	8.34	AV	47.00	150	Horizontal	Pass

U-NII-8 11be20 High Channel



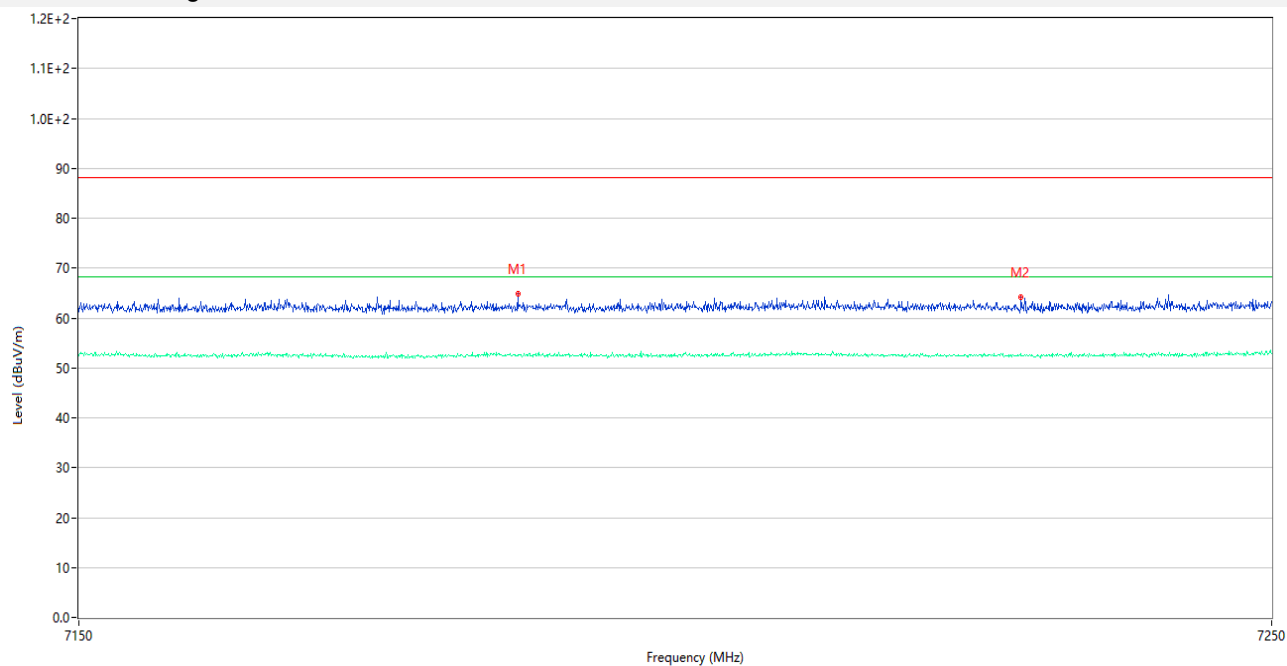
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7188.625	63.76	9.74	88.2	24.44	Peak	267.00	150	Vertical	Pass
1**	7188.625	51.78	9.74	68.2	16.42	AV	267.00	150	Vertical	Pass
2	7199.938	63.40	10.10	88.2	24.80	Peak	360.00	150	Vertical	Pass
2**	7199.938	52.23	10.10	68.2	15.97	AV	360.00	150	Vertical	Pass

U-NII-8 11be40 High Channel



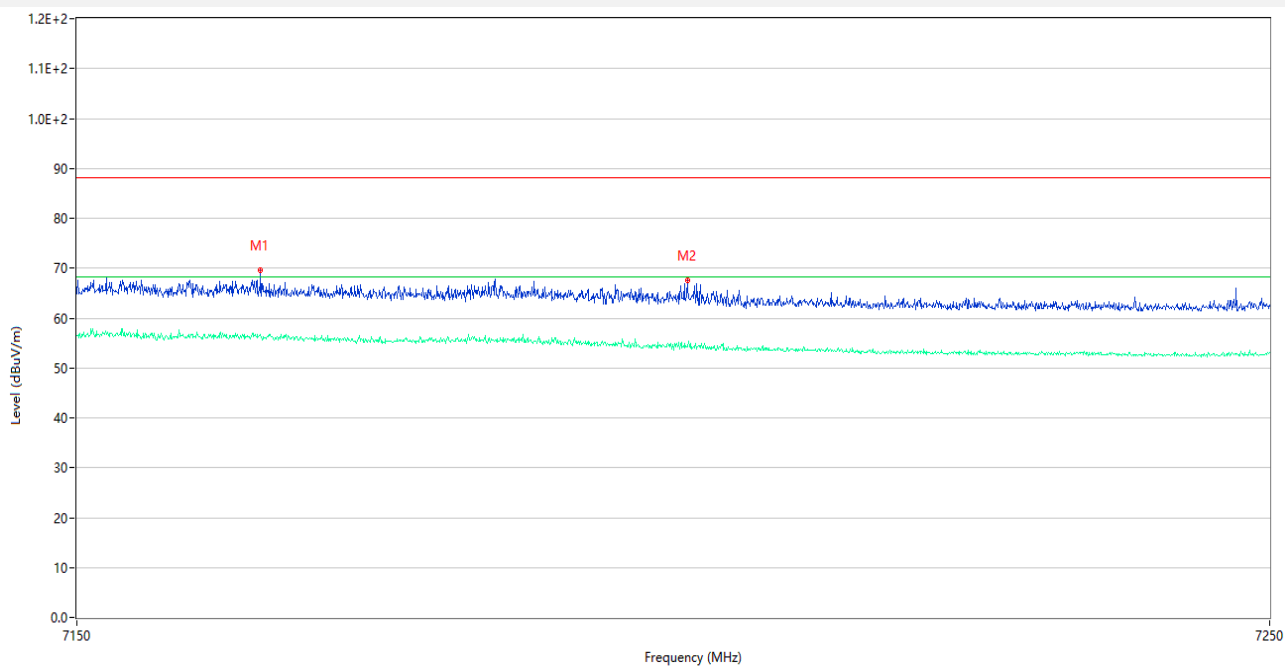
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7160.125	66.60	9.15	88.2	21.60	Peak	48.00	150	Horizontal	Pass
1**	7160.125	53.38	9.15	68.2	14.82	AV	48.00	150	Horizontal	Pass
2	7168.437	65.41	9.53	88.2	22.79	Peak	48.00	150	Horizontal	Pass
2**	7168.437	52.50	9.53	68.2	15.70	AV	48.00	150	Horizontal	Pass

U-NII-8 11be80 High Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7186.625	64.97	9.75	88.2	23.23	Peak	58.00	150	Vertical	Pass
1**	7186.625	52.73	9.75	68.2	15.47	AV	58.00	150	Vertical	Pass
2	7228.875	64.29	10.52	88.2	23.91	Peak	339.00	150	Vertical	Pass
2**	7228.875	52.83	10.52	68.2	15.37	AV	339.00	150	Vertical	Pass

U-NII-8 11be160 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	7165.313	69.50	9.49	88.2	18.70	Peak	49.00	150	Horizontal	Pass
1**	7165.313	56.61	9.49	68.2	11.59	AV	49.00	150	Horizontal	Pass
2	7201.000	67.67	10.17	88.2	20.53	Peak	52.00	150	Horizontal	Pass
2**	7201.000	54.19	10.17	68.2	14.01	AV	52.00	150	Horizontal	Pass

A.6 Contention Based Protocol

Note: This device does not support channel puncturing mode for incumbent avoidanc.

Interference Signals used for Tests

Interference Signals Type	Bandwidth (MHz)
AWGN	10

Regulated Threshold Level

Test Method	Interference threshold level
☒ Conducted	The Regulated Threshold Level = -62 dBm (assumes a 0 dBi receive antenna)
☐ Radiation	

Test Data

U-NII-5 (5925 MHz to 6425 MHz)									
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Path Loss ^{Note1} (dB)	Adjusted Power ^{Note2} (dBm)	Detection Limit (dBm)	EUT Tx Status ^{Note3}
802.11ax (HE20)	37	6135	6135	-63.51	3.56	0	-67.07	-62	Off
				-64.26	3.56	0	-67.82	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
802.11ax (HE160)	47	6185	6110	-62.95	3.56	0	-66.51	-62	Off
				-68.37	3.56	0	-71.93	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
			6185	-62.88	3.56	0	-66.44	-62	Off
				-67.53	3.56	0	-71.09	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
			6260	-62.12	3.56	0	-65.68	-62	Off
				-66.50	3.56	0	-70.06	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On

Note1: The corrected AWGN power is located at the antenna connection port, so path losses are not considered.

Note2: Adjusted Power (dBm) = Injected (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB).

Note3: The AWGN level is reported for the following conditions:

- Off: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- On: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Contention Based Protocol Detection Rate													
Detection Limit		90%											
Operation Mode	AWGN Signal Frequency (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Rate	Test Result
802.11ax (HE20)	6135	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	90%	PASS
802.11ax (HE160)	6110	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
	6185	✓	✓	X	✓	✓	✓	✓	✓	✓	✓	90%	PASS
	6260	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS

Test Plots

Plots of Incumbent signal(AWGN) Level

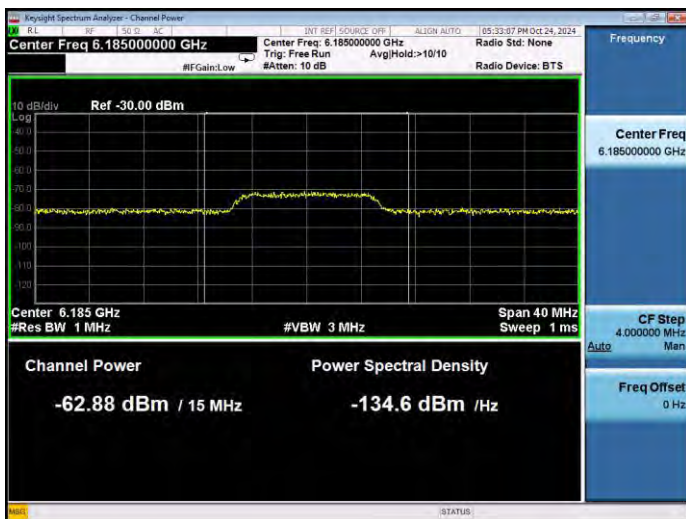
802.11ax (HE20)-Channel 37



802.11ax (HE160)-Channel 47 (Low Edge)



802.11ax (HE160)-Channel 47 (Middle Edge)

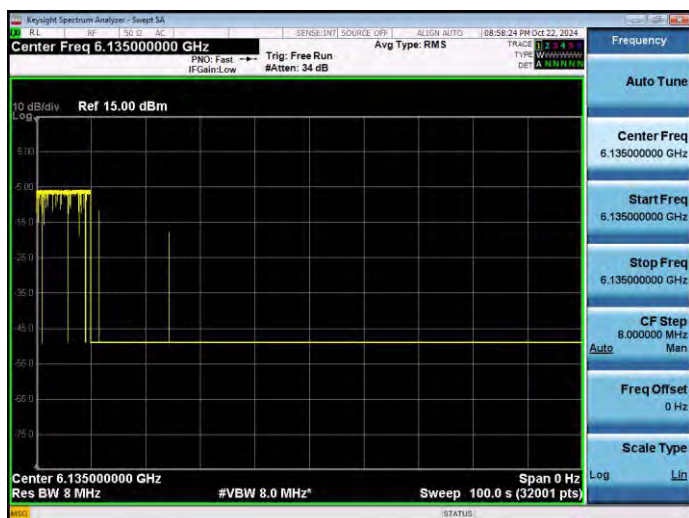


802.11ax (HE160)-Channel 47 (High Edge)



Plots of EUT Tx waveform

802.11ax (HE20)-Channel 37



802.11ax (HE160)-Channel 47 (Low Edge)



802.11ax (HE160)-Channel 47 (Middle Edge)



802.11ax (HE160)-Channel 47 (High Edge)



U-NII-6 (6425 MHz to 6525 MHz)									
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Path Loss ^{Note1} (dB)	Adjusted Power ^{Note2} (dBm)	Detection Limit (dBm)	EUT Tx Status ^{Note3}
802.11ax (HE20)	97	6435	6435	-63.37	3.56	0	-66.93	-62	Off
				-68.57	3.56	0	-72.13	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
802.11ax (HE160)	111	6505	6430	-63.34	3.56	0	-66.90	-62	Off
				-69.71	3.56	0	-73.27	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
			6505	-65.67	3.56	0	-69.23	-62	Off
				-69.48	3.56	0	-73.04	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
			6580	-64.12	3.56	0	-67.68	-62	Off
				-69.67	3.56	0	-73.23	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On

Note1: The corrected AWGN power is located at the antenna connection port, so path losses are not considered.

Note2: Adjusted Power (dBm) = Injected (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB).

Note3: The AWGN level is reported for the following conditions:

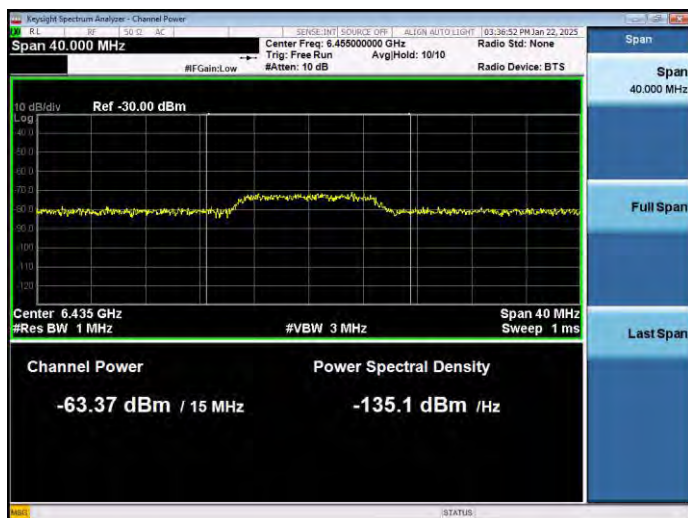
- Off: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- On: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Contention Based Protocol Detection Rate													
Detection Limit		90%											
Operation Mode	AWGN Signal Frequency (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Rate	Test Result
802.11ax (HE20)	6435	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
802.11ax (HE160)	6430	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
	6505	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	90%	PASS
	6580	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS

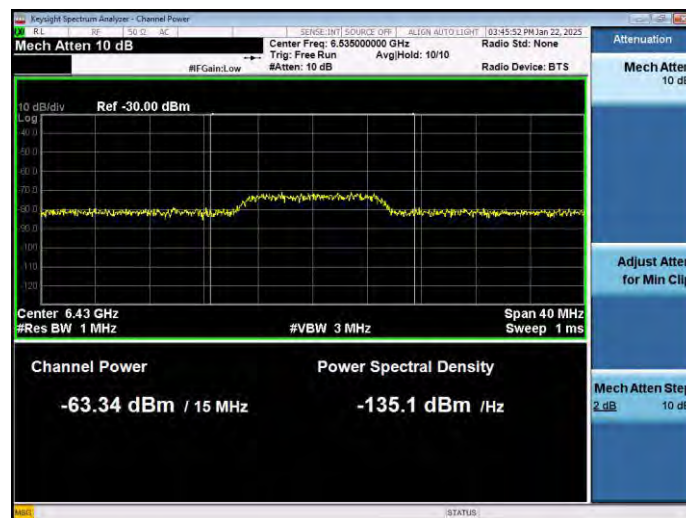
Test Plots

Plots of Incumbent signal(AWGN) Level

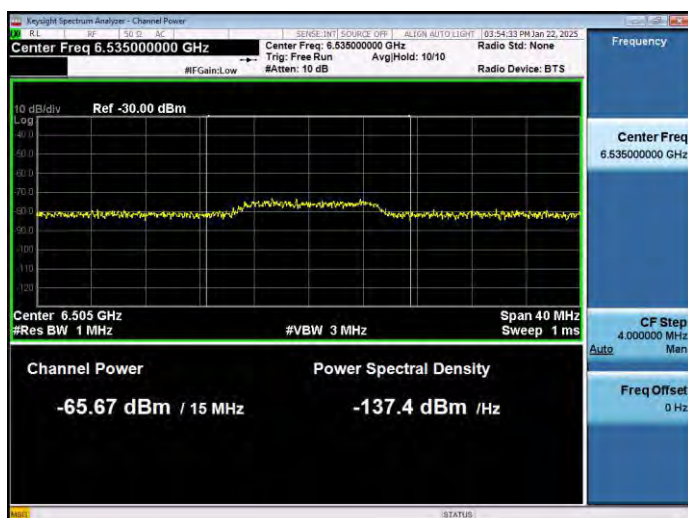
802.11ax (HE20)-Channel 97



802.11ax (HE160)-Channel 111 (Low Edge)



802.11ax (HE160)-Channel 111 (Middle Edge)



802.11ax (HE160)-Channel 111 (High Edge)



Plots of EUT Tx waveform

802.11ax (HE20)-Channel 97



802.11ax (HE160)-Channel 111 (Low Edge)



802.11ax (HE160)-Channel 111 (Middle Edge)



802.11ax (HE160)-Channel 111 (High Edge)



U-NII-7 (6525 MHz to 6875 MHz)									
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Path Loss ^{Note1} (dB)	Adjusted Power ^{Note2} (dBm)	Detection Limit (dBm)	EUT Tx Status ^{Note3}
802.11ax (HE20)	129	6595	6595	-63.67	3.56	0	-67.23	-62	Off
				-68.30	3.56	0	-71.86	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
802.11ax (HE160)	143	6665	6590	-64.87	3.56	0	-68.43	-62	Off
				-67.72	3.56	0	-71.28	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
			6665	-64.07	3.56	0	-67.63	-62	Off
				-67.84	3.56	0	-71.40	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
			6740	-63.74	3.56	0	-67.30	-62	Off
				-69.01	3.56	0	-72.57	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On

Note1: The corrected AWGN power is located at the antenna connection port, so path losses are not considered.

Note2: Adjusted Power (dBm) = Injected (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB).

Note3: The AWGN level is reported for the following conditions:

- Off: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- On: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Contention Based Protocol Detection Rate													
Detection Limit		90%											
Operation Mode	AWGN Signal Frequency (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Rate	Test Result
802.11ax (HE20)	6595	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
802.11ax (HE160)	6590	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
	6665	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
	6740	✓	X	✓	✓	✓	✓	✓	✓	✓	✓	90%	PASS

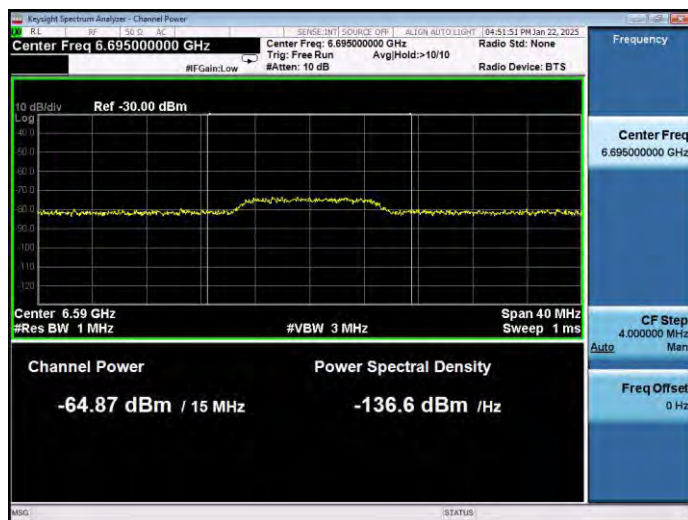
Test Plots

Plots of Incumbent signal(AWGN) Level

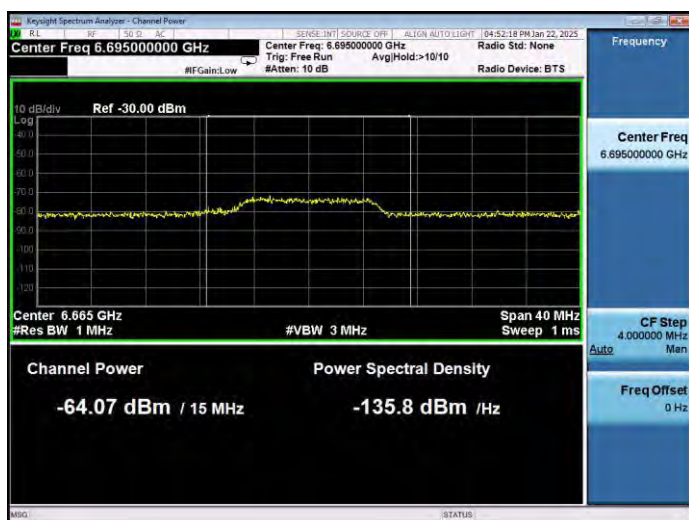
802.11ax (HE20)-Channel 129



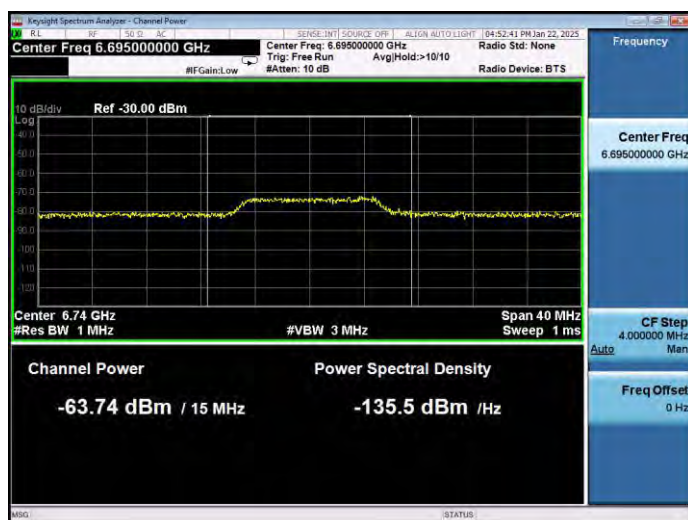
802.11ax (HE160)-Channel 143 (Low Edge)



802.11ax (HE160)-Channel 143 (Middle Edge)



802.11ax (HE160)-Channel 143 (High Edge)

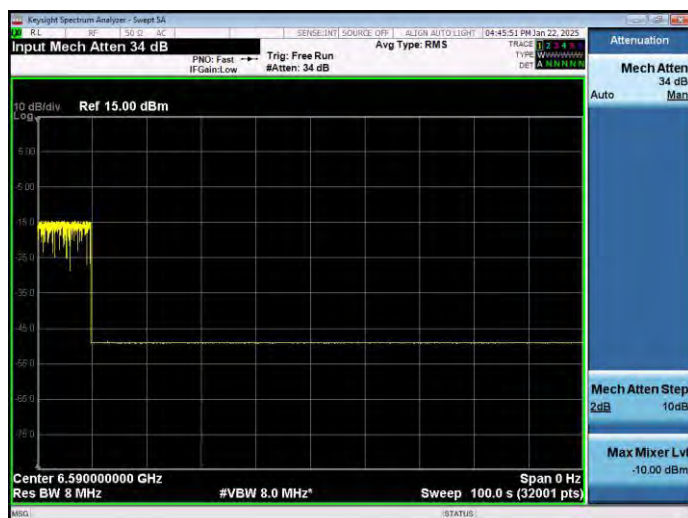


Plots of EUT Tx waveform

802.11ax (HE20)-Channel 129



802.11ax (HE160)-Channel 143 (Low Edge)



802.11ax (HE160)-Channel 143 (Middle Edge)



802.11ax (HE160)-Channel 143 (High Edge)



U-NII-8 (6875 MHz to 7125 MHz)									
Operation Mode	Channel Number	Channel Frequency (MHz)	AWGN Signal Frequency (MHz)	Injected (AWGN) Power (dBm)	Antenna Gain (dBi)	Path Loss ^{Note1} (dB)	Adjusted Power ^{Note2} (dBm)	Detection Limit (dBm)	EUT Tx Status ^{Note3}
802.11ax (HE20)	193	6915	6915	-61.97	3.56	0	-65.53	-62	Off
				-68.78	3.56	0	-72.34	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
802.11ax (HE160)	207	6985	6910	-63.33	3.56	0	-66.89	-62	Off
				-69.98	3.56	0	-73.54	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
			6985	-64.13	3.56	0	-67.69	-62	Off
				-70.41	3.56	0	-73.97	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On
			7060	-63.36	3.56	0	-66.92	-62	Off
				-71.52	3.56	0	-75.08	-62	Minimal
				-82.00	3.56	0	-85.56	-62	On

Note1: The corrected AWGN power is located at the antenna connection port, so path losses are not considered.

Note2: Adjusted Power (dBm) = Injected (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB).

Note3: The AWGN level is reported for the following conditions:

- Off: AWGN level at which no transmission is detected, consistently for a minimum period of 10 seconds.
- Minimal: AWGN level at which the system begins to trigger the transmission switch-off, albeit not being kept off consistently.
- On: AWGN level at which no impact on the transmission is detected, consistently for a minimum period of 10 seconds.

Contention Based Protocol Detection Rate													
Detection Limit		90%											
Operation Mode	AWGN Signal Frequency (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Rate	Test Result
802.11ax (HE20)	6915	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
802.11ax (HE160)	6910	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
	6985	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS
	7060	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	100%	PASS

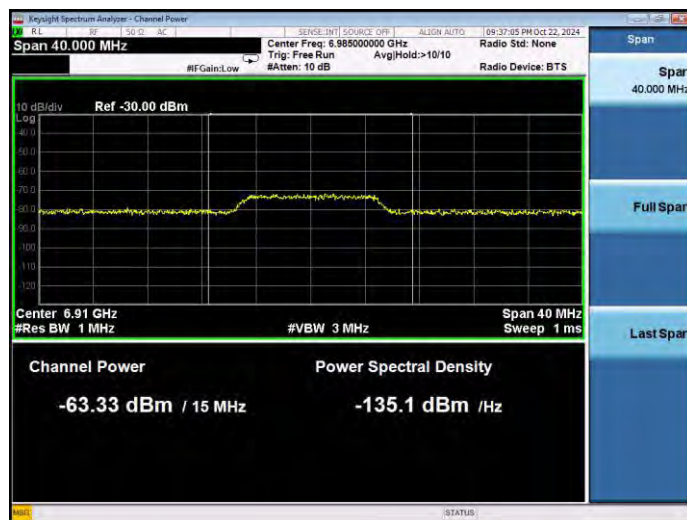
Test Plots

Plots of Incumbent signal(AWGN) Level

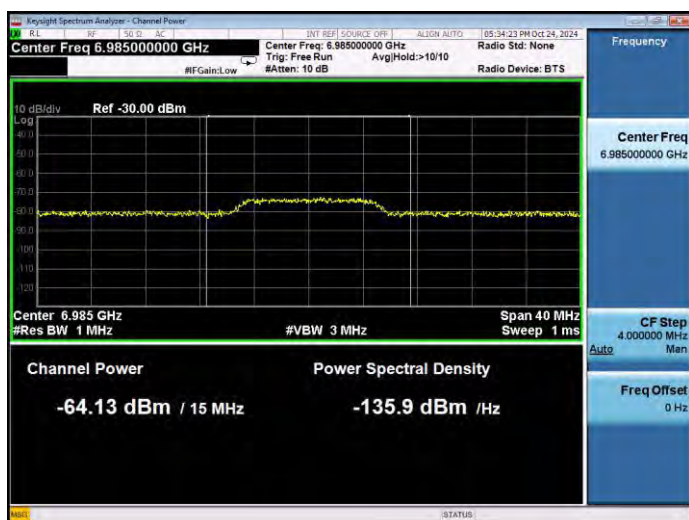
802.11ax (HE20)-Channel 193



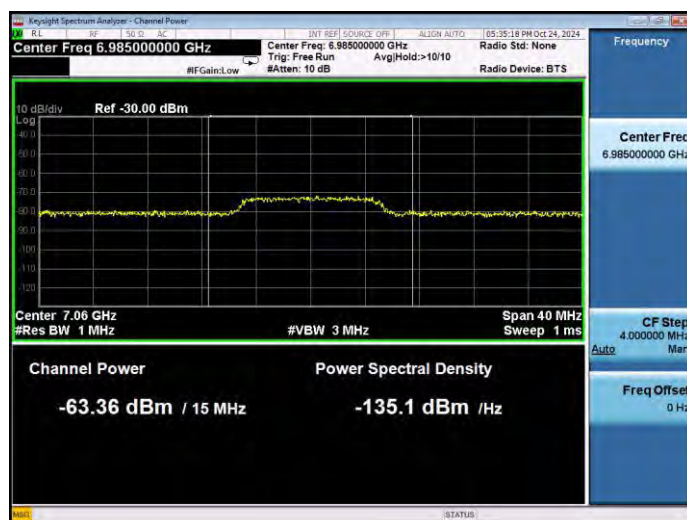
802.11ax (HE160)-Channel 207 (Low Edge)



802.11ax (HE160)-Channel 207 (Middle Edge)

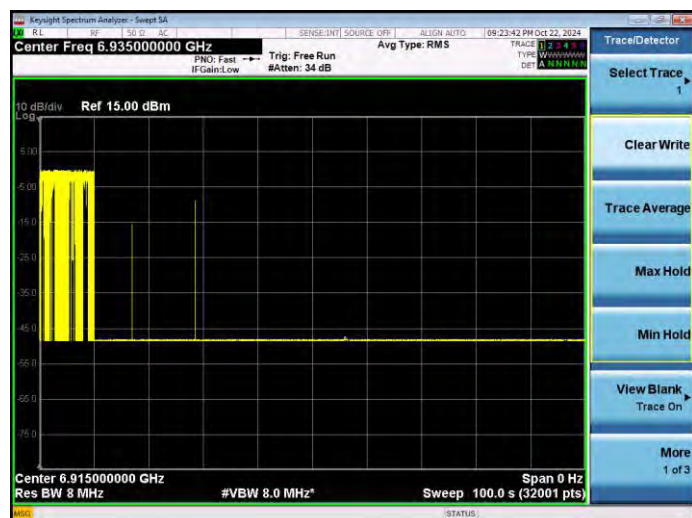


802.11ax (HE160)-Channel 207 (High Edge)

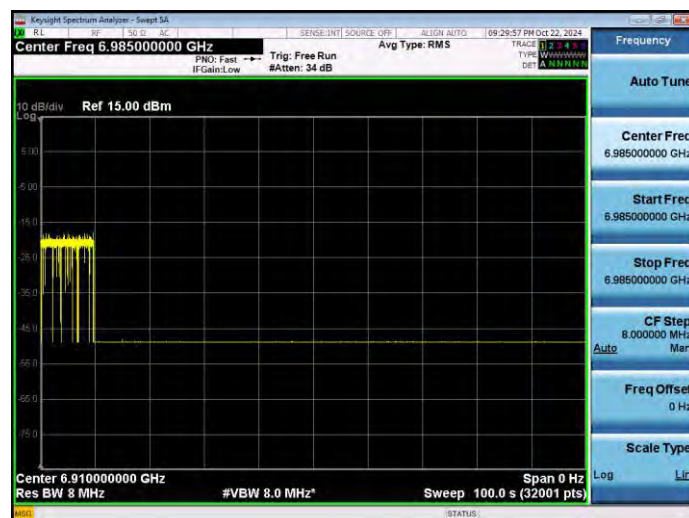


Plots of EUT Tx waveform

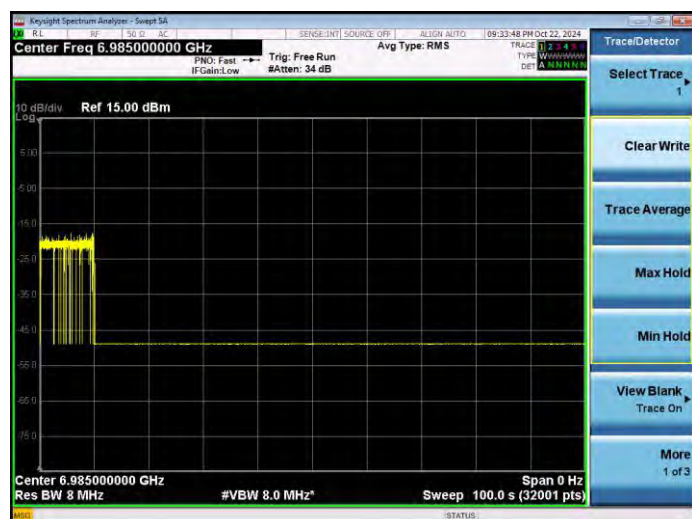
802.11ax (HE20)-Channel 193



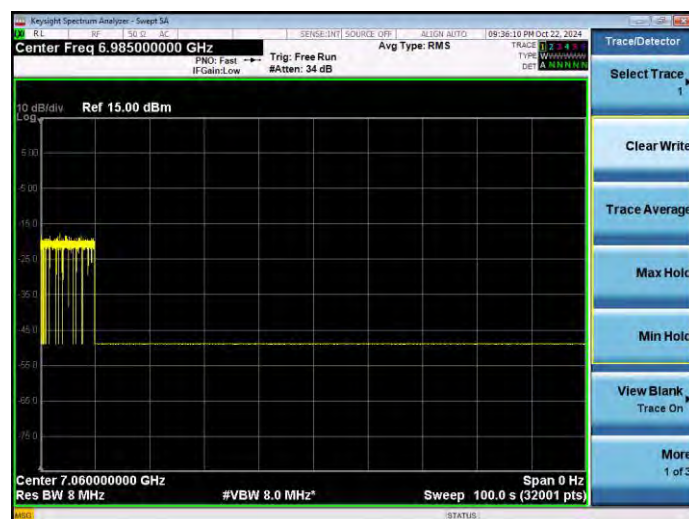
802.11ax (HE160)-Channel 207 (Low Edge)



802.11ax (HE160)-Channel 207 (Middle Edge)



802.11ax (HE160)-Channel 207 (High Edge)

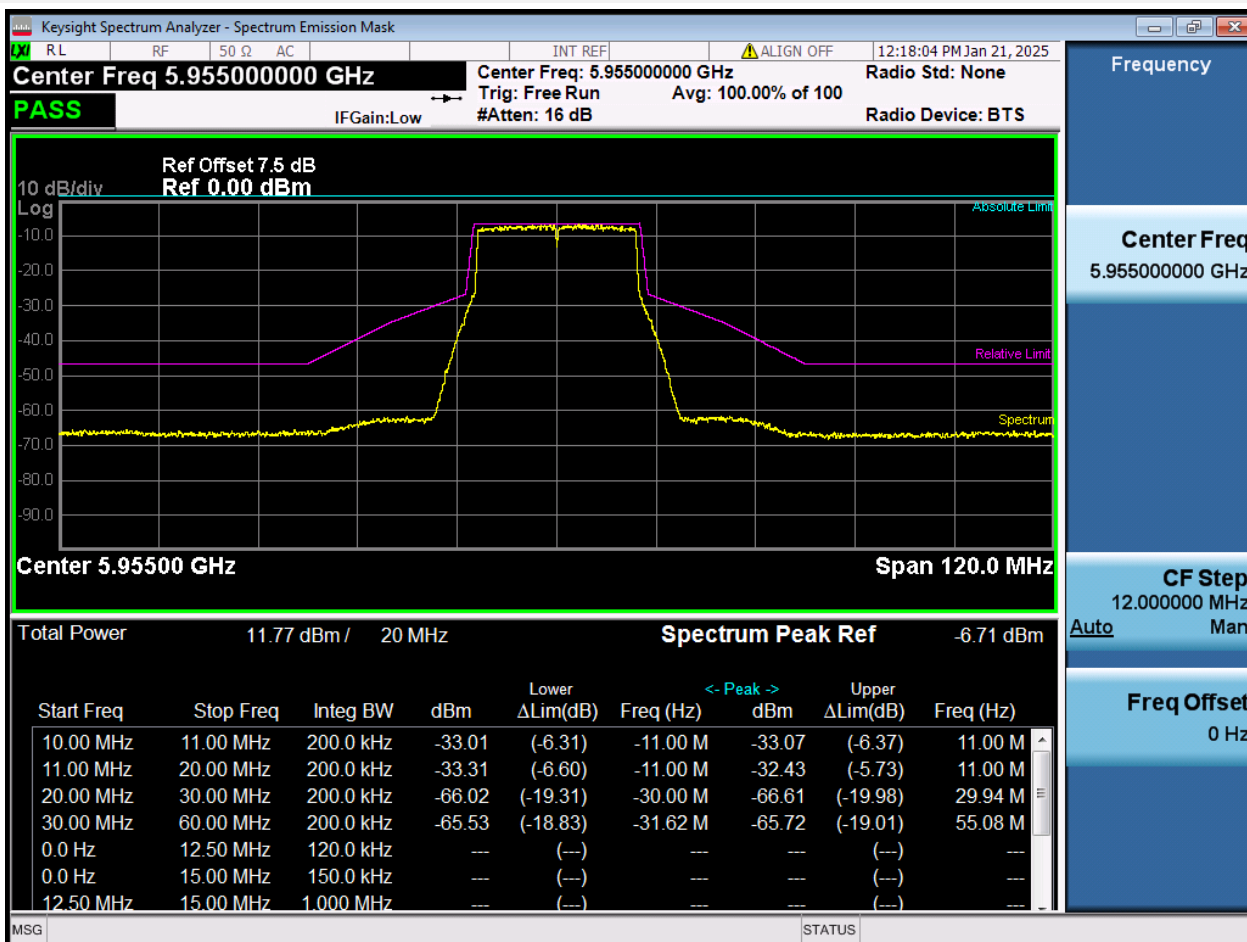


A.7 In-Band Emissions

Test Data and Plots

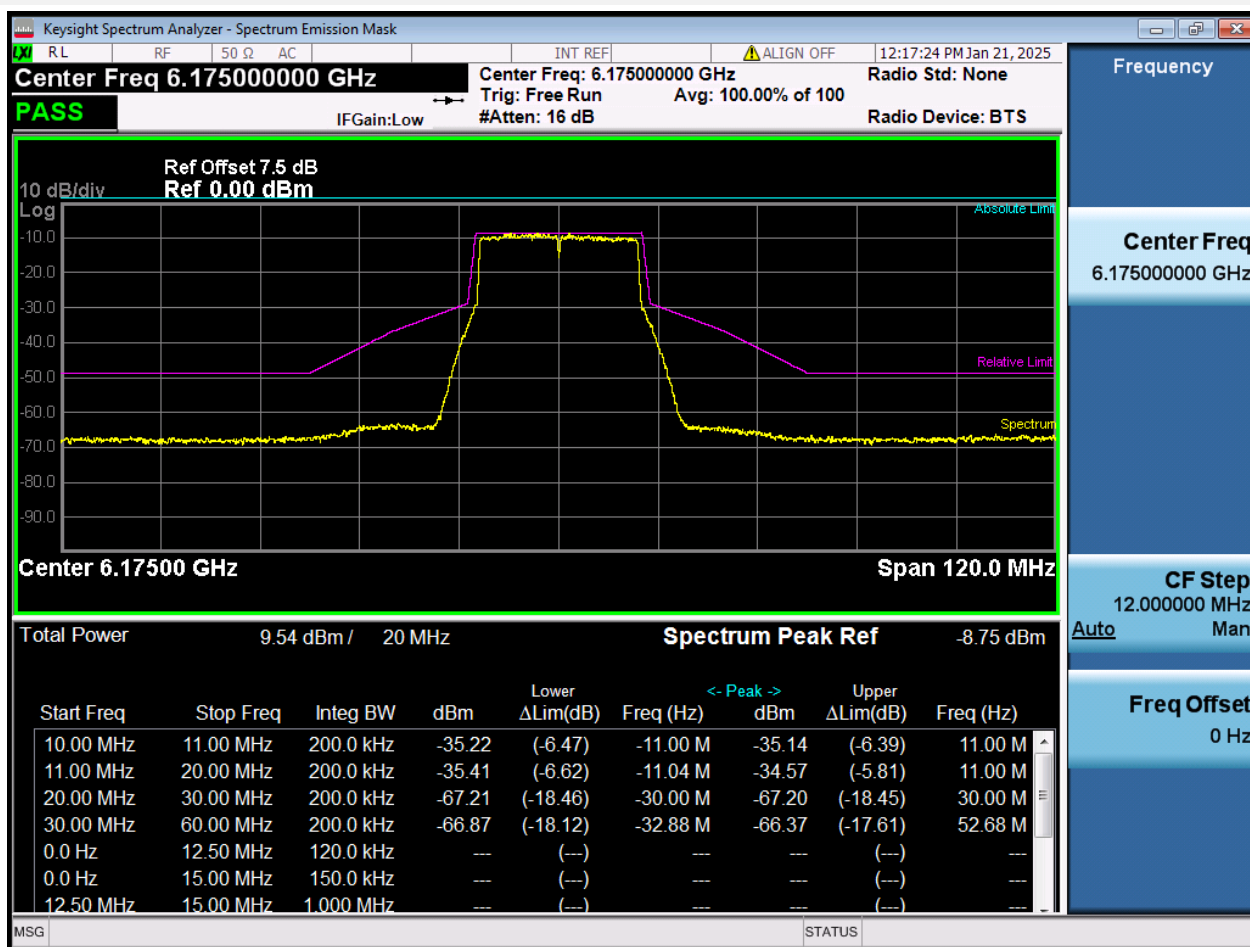
Main Antenna

11ax20 (SU), U-NII-5, Low Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-31.62	5923.38	-58.83	-65.53	18.83	Pass
-30	-20	0.2	-30	5925	-59.31	-66.02	19.31	Pass
-20	-11	0.2	-11	5944	-26.6	-33.31	6.6	Pass
-11	-10	0.2	-11	5944	-26.31	-33.01	6.31	Pass
10	11	0.2	11	5966	-26.37	-33.07	6.37	Pass
11	20	0.2	11	5966	-25.73	-32.43	5.73	Pass
20	30	0.2	29.94	5984.94	-59.9	-66.61	19.98	Pass
30	60	0.2	55.08	6010.08	-59.01	-65.72	19.01	Pass

11ax20 (SU), U-NII-5, Middle Channel



Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Frequency Rel (MHz)	Frequency Abs (MHz)	Power Rel (dB)	Power Abs (dBm)	Margin (dB)	Verdict
-60	-30	0.2	-32.88	6142.12	-58.12	-66.87	18.12	Pass
-30	-20	0.2	-30	6145	-58.46	-67.21	18.46	Pass
-20	-11	0.2	-11.04	6163.96	-26.66	-35.41	6.62	Pass
-11	-10	0.2	-11	6164	-26.47	-35.22	6.47	Pass
10	11	0.2	11	6186	-26.39	-35.14	6.39	Pass
11	20	0.2	11	6186	-25.81	-34.57	5.81	Pass
20	30	0.2	30	6205	-58.45	-67.2	18.45	Pass
30	60	0.2	52.68	6227.68	-57.61	-66.37	17.61	Pass