CFR 47 FCC PART 15 SUBPART E

TEST REPORT

For

Square Register

MODEL NUMBER: SPS2-01

REPORT NUMBER: 4791923606-1-RF-6

ISSUE DATE: January 9, 2026

FCC ID:2AF3K-SPS2

Prepared for

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Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	January 9, 2026	Initial Issue	

Summary of Test Results

Test Item	Clause	Limit/Requirement	Result
On Time And Duty Cycle	ANSI C63.10-2020, Clause 12.2	None; for reporting purposes only.	Pass
26dB Emission Bandwidth And 99% Occupied Bandwidth	KDB 789033 D02 v02r01 Section C.1	FCC Part 15.407 (a) (10)	Pass
Conducted Output Power	KDB 789033 D02 v02r01 Section E.3.a (Method PM)	FCC 15.407 (a)	Pass
Power Spectral Density	KDB 789033 D02 v02r01 Section F	FCC 15.407 (a)	Pass
In-Band Emissions (Mask)	KDB 987594 D02 U-NII 6GHz EMC Measurement v03 J	FCC 15.407 (b)	Pass
Frequency Stability	ANSI C63.10-2020,Clause 6.8	FCC 15.407 (g)	Pass
Contention-based Protocol	KDB 987594 D02 U-NII 6GHz EMC Measurement v03 I	FCC 15.407 (d) (6)	Pass
Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP	KDB 987594 D02 U-NII 6GHz EMC Measurement v03 K	FCC 15.407 (a) (7)	Pass
Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point (APC)	KDB 987594 D02 U-NII 6GHz EMC Measurement v03 L	FCC 15.407 (a) (7)	Pass
Radiated Emissions And Band Edge Measurement	KDB 789033 D02 v02r01 Section G.3, G.4, G.5, and G.6	FCC 15.407 (b) FCC 15.209 FCC 15.205	Pass
AC Power Line Conducted Emission	ANSI C63.10-2020, Clause 6.2.	FCC 15.207	Pass
Antenna Requirement	N/A	FCC 47 CFR Part 15.203/ 15.407(a)(1) (2)	Pass

*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.
*The measurement result for the sample received is <Pass> according to <CFR 47 FCC PART 15 SUBPART E> when <Simple Acceptance> decision rule is applied.

CONTENTS

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	Block, Inc.
Address:	1955 Broadway, Suite. 600, Oakland, CA 94612, US

Manufacturer Information

Company Name:	Block, Inc.
Address:	1955 Broadway, Suite. 600, Oakland, CA 94612, US

EUT Information

EUT Name:	Square Register
Model:	SPS2-01
Brand:	Square
Sample Received Date:	September 17, 2025
Sample Status:	Normal
Sample ID:	8925678
Date of Tested:	October 9, 2025 to January 8, 2026

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
CFR 47 FCC PART 15 SUBPART E	**Pass**

Prepared By:

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Checked By:

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Approved By:

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Operations Manager

2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART E , ANSI C63.10-2020, CFR 47 FCC Part 2, CFR 47 FCC Part 15, KDB 789033 D02 v02r01, KDB414788 D01 Radiated Test Site v01r01, KDB 662911 D01 Multiple Transmitter Output v02r01, KDB987594 D01 U-NII 6GHz General Requirements v02r02, KDB987594 D02 U-NII 6 GHz EMC Measurement v03.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	**A2LA (Certificate No.: 4102.01)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. **FCC (FCC Designation No.: CN1187)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules. **ISED (Company No.: 21320)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. **VCCI (Registration No.: C-20202, G-20240, R-20248 and T-20202)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber E, the VCCI registration No. is G-20240 and R-20248 Shielding Room F, the VCCI registration No. is C-20202 and T-20202

Note 1:
All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, No.4, Information Road, Songshan Lake, Dongguan, Guangdong, China.

Note 2:
The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd.
Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

Note 3:
For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 40 GHz)	5.78 dB (1 GHz ~ 18 GHz)
	5.23 dB (18 GHz ~ 26 GHz)
	5.37 dB (26 GHz ~ 40 GHz)
Duty Cycle	±0.028%
Emission Bandwidth and 99% Occupied Bandwidth	±0.0196%
Maximum Conducted Output Power	±0.766 dB
Maximum Power Spectral Density Level	±1.22 dB
Frequency Stability	±2.76%
Dynamic Frequency Selection	±1.01 dB
In-Band Emissions (Mask)	±1.328 dB
Contention-based Protocol	±1 ms
Dual Client Test, Demonstration of Proper Power Adjustment based on Associated AP	±0.5 dB
Proper Power Adjustment, Client Devices Connected to a Standard Power Access Point (APC)	±0.5 dB
Conducted Unwanted Emissions In Non-restricted Frequency Bands	±0.746 dB (9 kHz ~ 1 GHz)
	±1.328dB (1 GHz ~ 26 GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	Square Register
Model	SPS2-01

Radio Technology:	IEEE802.11a 20, IEEE802.11ax HE20/HE40/HE80/HE160
Operation Frequency:	UNII-5 Band: 5925MHz ~ 6425 MHz UNII-6 Band: 6425MHz ~ 6525 MHz UNII-7 Band: 6525MHz ~ 6875 MHz UNII-8 Band: 6875MHz ~ 7125 MHz
Type of Modulation:	IEEE 802.11a: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ax: OFDMA(1024QAM, 256QAM, 64QAM, 16QAM, QPSK, BPSK)
Equipment classes:	6CD
Normal Test Voltage:	AC 120 V, 60 Hz

5.2. CHANNEL LIST

UNII-5 (For Bandwidth=20MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5955	33	6115	65	6275
5	5975	37	6135	69	6295
9	5995	41	6155	73	6315
13	6015	45	6175	77	6335
17	6035	49	6195	81	6355
21	6055	53	6215	85	6375
25	6075	57	6235	89	6395
29	6095	61	6255	93	6415

UNII-6 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
97	6435	105	6475	113	6515
101	6455	109	6495	/	/

UNII-7 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
117	6535	141	6655	165	6775
121	6555	145	6675	169	6795
125	6575	149	6695	173	6815
129	6595	153	6715	177	6835
133	6615	157	6735	181	6855
137	6635	161	6755	185	6875

UNII-8 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
189	6895	205	6975	221	7055
193	6915	209	6995	225	7075
197	6935	213	7015	229	7095
201	6955	217	7035	233	7115

UNII-5 (For Bandwidth=40MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	5965	35	6125	67	6285
11	6005	43	6165	75	6325
19	6045	51	6205	83	6365
27	6085	59	6245	91	6405

UNII-6 (For Bandwidth=40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
99	6445	107	6485	/	/

UNII-7 (For Bandwidth=40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
115	6525	139	6645	163	6765
123	6605	147	6685	171	6805
131	6645	155	6725	179	6845

UNII-8 (For Bandwidth=40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
187	6885	203	6965	219	7045
195	6925	211	7005	227	7085

UNII-5 (For Bandwidth=80MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
7	5985	39	6145	71	6305
23	6065	55	6225	87	6385

UNII-6 (For Bandwidth=80 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
103	6465	/	/	/	/

UNII-7 (For Bandwidth=80 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
119	6545	151	6705	183	6865
135	6625	167	6785	/	/

UNII-8 (For Bandwidth=80 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
199	6945	215	7025	/	/

UNII-5 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
47	6185	79	6345	/	/

UNII-6 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
111	6505	/	/	/	/

UNII-7 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
143	6665	175	6825	/	/

UNII-8 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
207	6985	/	/	/	/

5.3. MAXIMUM POWER

For Indoor Client:

UNII-5

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
a	5925-6425	-1.42	7.68
ax HE20		-1.17	7.93
ax HE40		1.72	10.82
ax HE80		4.89	13.99
ax HE160		7.71	16.81

UNII-6

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
a	6425-6525	0.05	7.15
ax HE20		0.50	7.60
ax HE40		2.91	10.01
ax HE80		6.28	13.38
ax HE160		8.41	15.51

UNII-7

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
a	6525-6875	-0.24	6.66
ax HE20		0.17	7.07
ax HE40		2.84	9.74
ax HE80		6.49	13.39
ax HE160		8.76	15.66

UNII-8

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
a	6875-7125	-0.47	7.23
ax HE20		0.28	7.98
ax HE40		2.81	10.51
ax HE80		5.89	13.59
ax HE160		8.68	16.37

For Standard Power Client:

UNII-5

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
a	5925-6425	16.64	25.74
ax HE20		16.90	26.0
ax HE40		19.71	28.81
ax HE80		20.57	29.67
ax HE160		18.79	27.89

UNII-7

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
a	6525-6875	17.86	24.76
ax HE20		18.21	25.11
ax HE40		21.06	27.96
ax HE80		19.98	26.88
ax HE160		17.01	23.91

5.4. TEST CHANNEL CONFIGURATION

UNII-5 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 1(Low Channel), CH 45(MID Channel), CH 93(High Channel)	5955 MHz, 6175 MHz, 6415 MHz
802.11ax HE20	CH 1(Low Channel), CH 45(MID Channel), CH 93(High Channel)	5955 MHz, 6175 MHz, 6415 MHz
802.11ax HE40	CH 3(Low Channel), CH 43(MID Channel), CH 91(High Channel)	5965 MHz, 6165 MHz, 6405 MHz
802.11ax HE80	CH 7(Low Channel), CH 39(MID Channel), CH 87(High Channel)	5985 MHz, 6145 MHz, 6385 MHz
802.11ax HE160	CH 15(Low Channel), CH 47(Low Channel), CH 79(High Channel)	6025 MHz, 6185 MHz, 6345 MHz

UNII-6 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 97(Low Channel), CH 105(MID Channel), CH 113(High Channel)	6435 MHz, 6475 MHz, 6515 MHz
802.11ax HE20	CH 97(Low Channel), CH 105(MID Channel), CH 113(High Channel)	6435 MHz, 6475 MHz, 6515 MHz
802.11ax HE40	CH 99(Low Channel), CH 107(MID Channel), CH 115(High Channel)	6445 MHz, 6485 MHz, 6525 MHz
802.11ax HE80	CH 103(Low Channel)	6465 MHz
802.11ax HE160	CH 111(Low Channel)	6505 MHz

UNII-7 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 117(Low Channel), CH 153(MID Channel), CH 181(High Channel)	6535 MHz, 6715 MHz, 6855 MHz
802.11ax HE20	CH 117(Low Channel), CH 153(MID Channel), CH 181(High Channel)	6535 MHz, 6715 MHz, 6855 MHz
802.11ax HE40	CH 123(Low Channel), CH 155(MID Channel), CH 179(High Channel)	6565 MHz, 6725 MHz, 6845 MHz
802.11ax HE80	CH 119(Low Channel), CH 151(MID Channel), CH 167(High Channel)	6545 MHz, 6705 MHz, 6785 MHz
802.11ax HE160	CH 143(Low Channel)	6665 MHz

UNII-8 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 185(Low Channel), CH 213(MID Channel), CH 233 (High Channel)	6875 MHz, 7015 MHz, 7115 MHz
802.11ax HE20	CH 185(Low Channel), CH 213(MID Channel), CH 233 (High Channel)	6875 MHz, 7015 MHz, 7115 MHz
802.11ax HE40	CH 187(Low Channel), CH 211(MID Channel), CH 227(High Channel)	6885 MHz, 7005 MHz, 7085 MHz
802.11ax HE80	CH 183(Low Channel), CH 199(Low Channel), CH 215(High Channel)	6865 MHz, 6945 MHz, 7025 MHz
802.11ax HE160	CH 175(Low Channel), CH 207(High Channel)	6825 MHz, 6985 MHz

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter	
Test Software	QRCT

For Standard Power Client:

Mode	Freq(MHz)	Tx power from QRCT
		ANT1 & ANT2
802.11a	5955	12
	6175	12.5
	6415	12.5
	6535	14
	6715	13.5
	6855	13.5
802.11AX 20M	5955	15
	6175	15
	6415	15
	6535	16
	6715	16
	6855	16
802.11AX 40M	5965	18
	6165	18
	6405	18
	6565	19
	6725	19
	6845	18.5
802.11AX 80M	5985	17.3
	6145	17.3
	6385	17.3
	6545	17.3
	6705	17.3
	6785	17.3
802.11AX 160M	6025	15.3
	6185	15.3
	6345	15.3
	6665	15.3

For Indoor Client:

Mode	Freq(MHz)	Tx power from QRCT
		ANT1 & ANT2
802.11a	5955	-5.5
	6175	-4
	6415	-3.5
	6435	-3
	6475	-3.5
	6515	-3
	6535	-3
	6715	-3
	6855	-4
	6875	-4
	7015	-4
	7115	-4
802.11AX 20M	5955	-5
	6175	-3
	6415	-3
	6435	-3
	6475	-3
	6515	-2.5
	6535	-2.5
	6715	-2.5
	6855	-3
	6875	-3
	7015	-3
	7115	-4
802.11AX 40M	5965	-2
	6165	0.5
	6405	0
	6445	0.5
	6485	0.5
	6525	1
	6565	1
	6725	1
	6845	0.5
	6885	0.5

	7005	0.5
	7085	1
802.11AX 80M	5985	2.5
	6145	3.5
	6385	3
	6465	4
	6545	4
	6705	4
	6785	4
	6865	3.5
	6945	3.5
	7025	3.5
802.11AX 160M	6025	5.5
	6185	6.5
	6345	6
	6505	7.5
	6665	6.5
	6825	7
	6985	7

5.6. WORSE CASE CONFIGURATIONS

The EUT was tested in the following configuration(s):

Controlled in test mode using a software application on the EUT supplied by customer. The application was used to enable a continuous transmission and to select the mode, test channels, bandwidth, data rates as required.

Test channels referring to section 5.6.

Maximum power setting referring to section 5.5.

Worst case Data Rates declared by the customer:

802.11a 20 mode: 6 Mbps
802.11ax HE20 mode: MCS0
802.11ax HE40 mode: MCS0
802.11ax HE80 mode: MCS0
802.11ax HE160 mode: MCS0

All modes support SISO mode and MIMO.

SISO mode and MIMO mode have the same power setting, so only the worst case power mode(MIMO) will be record in the report.

The measured additional path loss was included in any path loss calculations for all RF cable used during tested.

802.11ax HE20/HE40/HE80/HE160 support Full RU, SU (Single User) and partial RU tone. According to Preliminary Investigation, the power and PSD of Partial RU (26T, 52T, 106T, 242T, SU) were lower than the Full RU, and there was no worst band edge and spurious in Partial RU. It was determined that Full RU modes were the worst case over Partial RU Tone (26T, 52T, 106T, 242T, 484T, 996T, SU) in every instance. Therefore, Full RU modes were tested to represent Partial RU modes as the worst-case scenario.

For Harmonics and Spurious Emissions, only the maximum power and PSD mode was perform in this report.
UNII-5: Maximum power mode: 802.11ax HE80, Maximum PSD mode: 802.11a
UNII-6: Maximum power mode: 802.11ax HE160, Maximum PSD mode: 802.11a
UNII-7: Maximum power mode: 802.11ax HE40, Maximum PSD mode: 802.11ax HE20
UNII-8: Maximum power mode: 802.11 ax HE160, Maximum PSD mode: 802.11 ax HE20

5.7. DESCRIPTION OF AVAILABLE ANTENNAS

UNII-5

Antenna No.	Frequency Band	Antenna Type	Max Antenna Gain (dBi)
1	5925 ~ 6425	FPC Antenna	9.1
2	5925 ~ 6425	FPC Antenna	7.3

The EUT support Cyclic Shift Diversity(CDD) mode.

MIMO output power port and MIMO PSD port summing were performed in accordance with KDB 662911 D01. For the CDD results the Directional Gain was calculated in accordance with the following method.

For output power measurements:
Directional gain= G_{ANT} + Array Gain = 9.1 dBi
G_{ANT} : equal to the gain of the antenna having the highest gain
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

For power spectral density (PSD) measurements:
Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2$/NANT] dBi

Directional gain = 11.26 dBi

UNII-6

Antenna No.	Frequency Band	Antenna Type	Max Antenna Gain (dBi)
1	6425 ~ 6525	FPC Antenna	6.6
2	6425 ~ 6525	FPC Antenna	7.1

The EUT support Cyclic Shift Diversity(CDD) mode.

MIMO output power port and MIMO PSD port summing were performed in accordance with KDB 662911 D01. For the CDD results the Directional Gain was calculated in accordance with the following method.

For output power measurements:
Directional gain= G_{ANT} + Array Gain = 7.1 dBi
G_{ANT} : equal to the gain of the antenna having the highest gain
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

For power spectral density (PSD) measurements:
Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2$/NANT] dBi

Directional gain = 9.86 dBi

UNII-7

Antenna No.	Frequency Band	Antenna Type	Max Antenna Gain (dBi)
1	6525 ~ 6875	FPC Antenna	6.8
2	6525 ~ 6875	FPC Antenna	6.9

The EUT support Cyclic Shift Diversity(CDD) mode.

MIMO output power port and MIMO PSD port summing were performed in accordance with KDB 662911 D01. For the CDD results the Directional Gain was calculated in accordance with the following method.

For output power measurements:
Directional gain= G_{ANT} + Array Gain = 6.9 dBi
G_{ANT} : equal to the gain of the antenna having the highest gain
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

For power spectral density (PSD) measurements:
Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2/NANT]$ dBi

Directional gain = 9.86 dBi

UNII-8

Antenna No.	Frequency Band	Antenna Type	Max Antenna Gain (dBi)
1	6875 ~ 7125	FPC Antenna	6.4
2	6875 ~ 7125	FPC Antenna	7.7

The EUT support Cyclic Shift Diversity(CDD) mode.

MIMO output power port and MIMO PSD port summing were performed in accordance with KDB 662911 D01. For the CDD results the Directional Gain was calculated in accordance with the following method.

For output power measurements:
Directional gain= G_{ANT} + Array Gain = 7.7 dBi
G_{ANT} : equal to the gain of the antenna having the highest gain
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

For power spectral density (PSD) measurements:
Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2/NANT]$ dBi

Directional gain = 10.08 dBi

IEE Std. 802.11	Transmit and Receive Mode	Description
802.11a	☒2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11ax HE20	☒2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11ax HE40	☒2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11ax HE80	☒2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
802.11ax HE160	☒2TX, 2RX	ANT 1 and ANT 2 can be used as transmitting/receiving antenna.
Note: Only BT & WIFI 5G, BT & WIFI 6G can transmit simultaneously. (declared by client)		

5.8. SUPPORT UNITS FOR SYSTEM TEST

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Remarks
1	Laptop	Lenovo	E42-80	R303U5AG

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	USB	Type C	/	1.0	/

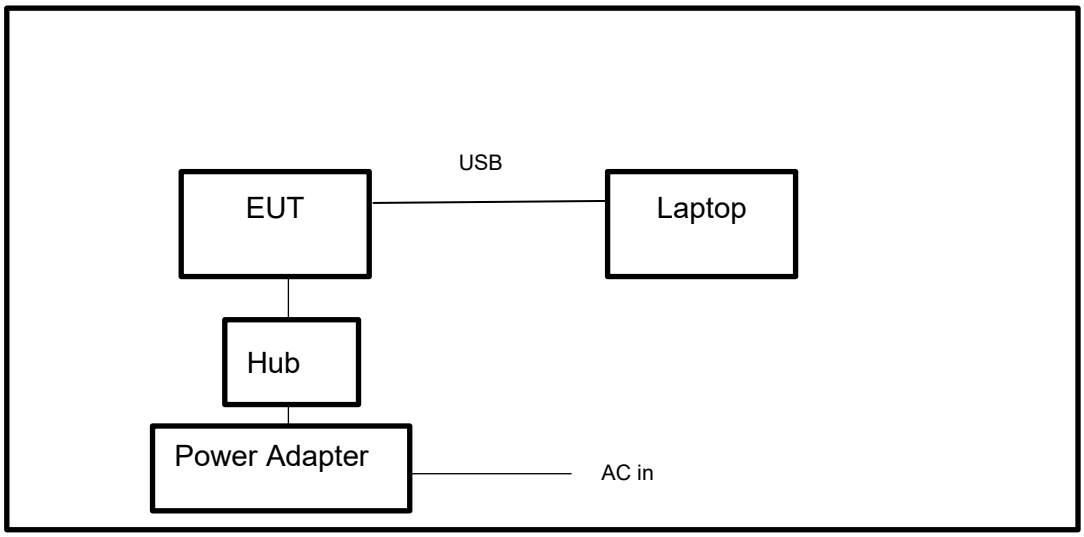
ACCESSORIES

Item	Accessory	Brand Name	Model Name	Description
1	Power Adapter	/	SWJ4-01	/
2	Hub	/	SHG3-01	/

TEST SETUP

The EUT can work in engineering mode with a software through a Laptop.

SETUP DIAGRAM FOR TESTS



6. MEASURING EQUIPMENT AND SOFTWARE USED

R&S TS 8997 Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Power sensor, Power Meter	R&S	OSP120	100921	Dec.27,2024	Dec.26,2025
Power sensor, Power Meter	R&S	OSP120	100921	Dec.26,2025	Dec.25,2026
Vector Signal Generator	R&S	SMBV100A	261637	Sep.12, 2025	Sep.11, 2026
Signal Generator	R&S	SMB100A	178553	Sep.12, 2025	Sep.11, 2026
Signal Analyzer	R&S	FSV40	101118	Sep.12, 2025	Sep.11, 2026
Software					
Description	Manufacturer	Name	Version		
For R&S TS 8997 Test System	Rohde & Schwarz	EMC 32	10.60.10		
Tonsend RF Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Wireless Connectivity Tester	R&S	CMW270	1201.0002N75-102	Sep.12, 2025	Sep.11, 2026
PXA Signal Analyzer	Keysight	N9030A	MY55410512	Sep.12, 2025	Sep.11, 2026
MXG Vector Signal Generator	Keysight	N5182B	MY56200284	Sep.12, 2025	Sep.11, 2026
MXG Vector Signal Generator	Keysight	N5172B	MY56200301	Sep.12, 2025	Sep.11, 2026
DC power supply	TSSTAKASAGO	ZX-400L	409150160137	Sep.12, 2025	Sep.11, 2026
Temperature & Humidity Chamber	SANMOOD	SG-80-CC-2	2088	Sep.12, 2025	Sep.11, 2026
Attenuator	Aglient	8495B	2814a12853	Sep.12, 2025	Sep.11, 2026
RF Control Unit	Tonscend	JS0806-2	23B80620666	Dec.27,2024	Dec.26,2025
RF Control Unit	Tonscend	JS0806-2	23B80620666	Dec.26,2025	Dec.25,2026
Software					
Description	Manufacturer	Name		Version	
Tonsend SRD Test System	Tonsend	JS1120-3 RF Test System		V3.2.22	

Conducted Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Test Receiver	R&S	ESR3	101961	Sep.12, 2025	Sep.11, 2026
Two-Line V-Network	R&S	ENV216	101983	Sep.12, 2025	Sep.11, 2026
Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Sep.12, 2025	Sep.11, 2026
Software					
Description			Manufacturer	Name	Version
Test Software for Conducted Emissions			Farad	EZ-EMC	Ver. UL-3A1

Radiated Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Sep.12, 2025	Sep.11, 2026
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	June 28, 2024	June.27 2027
Preamplifier	HP	8447D	2944A09099	Sep.12, 2025	Sep.11, 2026
EMI Measurement Receiver	R&S	ESR26	101377	Sep.12, 2025	Sep.11, 2026
Horn Antenna	TDK	HRN-0118	130940	Dec.10, 2024	Dec.11, 2027
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Sep.12, 2025	Sep.11, 2026
Horn Antenna	Schwarzbeck	BBHA9170	697	Jun 30, 2024	Jun 29, 2027
Preamplifier	TDK	PA-02-2	TRS-307-00003	Sep.12, 2025	Sep.11, 2026
Preamplifier	TDK	PA-02-3	TRS-308-00002	Sep.12, 2025	Sep.11, 2026
Loop antenna	Schwarzbeck	1519B	00008	Dec.09, 2024	Dec.08, 2027
Highpass Filter	Xingbo	XBLBQ-GTA68	211115-2-1	Sep.12, 2025	Sep.11, 2026
Notch Filter (5905-6445 MHz)	Xingbo	XBLBQ-DZA175	210922-2-1	Sep.12, 2025	Sep.11, 2026
Notch Filter (6425-6525 MHz)	Xingbo	XBLBQ-DZA176	210922-2-2	Sep.12, 2025	Sep.11, 2026
Notch Filter (6825-7125 MHz)	Xingbo	XBLBQ-DZA177	210922-2-3	Sep.12, 2025	Sep.11, 2026
Notch Filter (6525-6875 MHz)	Xingbo	XBLBQ-DZA178	210922-2-4	Sep.12, 2025	Sep.11, 2026
Software					
Description			Manufacturer	Name	Version

Test Software for Radiated Emissions	Farad	EZ-EMC	Ver. UL-3A1

Other Instrument					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Temperature humidity probe	OMEGA	ITHX-SD-5	18470007	Sep.16, 2025	Sep.15, 2026
Barometer	Yiyi	Baro	N/A	Sep.19, 2025	Sep.18, 2026
Attenuator	Agilent	8495B	2814a12853	Sep.12, 2025	Sep.11, 2026

7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

LIMITS

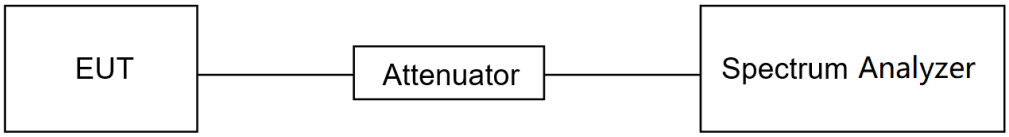
None; for reporting purposes only.

TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.B.

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 ≥ EBW if possible; otherwise, set RBW to the largest available value. Set VBW ≥ RBW. Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T, where T is defined in II.B.1.a), 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 ≤ 16.7 microseconds.)

TEST SETUP



TEST ENVIRONMENT

Temperature	24.5℃	Relative Humidity	54.3%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	October 20, 2025	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix B

7.2. 26DB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH

LIMITS

CFR 47 FCC Part15 Subpart E		
Test Item	Limit	Frequency Range (MHz)
26 dB Emission Bandwidth	The 26 dB bandwidth of the devices shall not exceed 320 MHz for all channels except the 320 MHz.	5.925-7.125 GHz

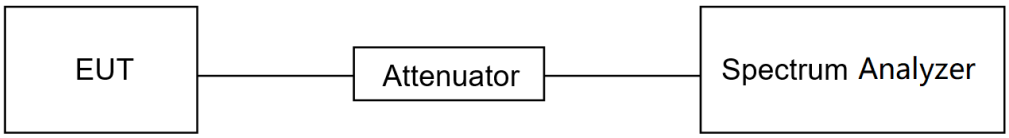
TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.C1. for 26 dB Emission Bandwidth; section II.D. for 99 % Occupied Bandwidth.
Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	For 26 dB Emission bandwidth: approximately 1 % of the EBW. For 99 % Occupied Bandwidth: approximately 1 % ~ 5 % of the OBW.
VBW	For 26 dB Bandwidth: >3*RBW For 99 % Bandwidth: >3*RBW
Trace	Max hold
Sweep	Auto couple

a) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.
b) Allow the trace to stabilize and 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 6/26 dB relative to the maximum level measured in the fundamental emission.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.5℃	Relative Humidity	54.3%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	October 20, 2025	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix A1&A2

7.3. CONDUCTED OUTPUT POWER

LIMITS

CFR 47 FCC Part15 Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	☐ Standard Power Access Point The maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).	5.925-6.425 GHz 6.525-6.875 GHz
	☐ Indoor Access Point The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.	5.925-7.125 GHz
	☐ Subordinate Device The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.	5.925-7.125 GHz
	☒ Client Devices, Operating Under The Control Of A Standard Power Access Point The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.	5.925-6.425 GHz 6.525-6.875 GHz
	☒ Client Devices, Operating Under The Control Of An Indoor Access Point The maximum e.i.r.p. over the frequency band of operation must not exceed 24 dBm.	5.925-7.125 GHz

TEST PROCEDURE

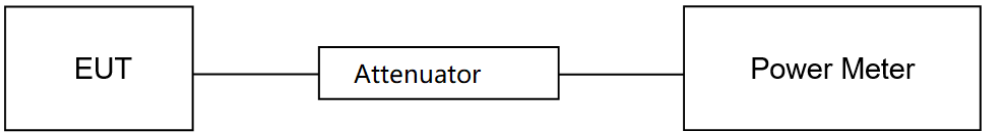
Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.E.

Method SA-2 (trace averaging across ON and OFF times of the EUT transmissions, followed by duty cycle correction.):
(a) Measure the duty cycle D of the transmitter output signal.
(b) Set span to encompass the entire 26 dB EBW or 99% OBW of the signal.
(c) Set RBW = 1 MHz.
(d) Set VBW ⩾ 3 MHz.
(e) Number of points in sweep ⩾ [2 × span / RBW]. (This gives bin-to-bin spacing ⩽ RBW / 2, so that narrowband signals are not lost between frequency bins.)
(f) Sweep time = auto.
(g) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
(h) Do not use sweep triggering. Allow the sweep to "free run."
(i) Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed such that the average accurately represents the true average over the ON and OFF periods of the transmitter.
j) Compute power by integrating the spectrum across the 26 dB EBW or 99% OBW of the signal using the instrument's band power measurement function with band limits set equal to the EBW or OBW band edges. If the instrument does not have a band power function, then sum the spectrum levels (in power units) at 1 MHz intervals extending across the 26 dB EBW or 99% OBW of the spectrum.
k) Add [10 log (1 / D)], where D is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average over both the ON and OFF times of the transmission). For example, add [10 log (1 / 0.25)] = 6 dB if the duty cycle is 25%.

Method PM (Measurement using an RF average power meter):
(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
a. The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
b. At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
c. The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
(ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in II.B.
(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
(iv) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle (e.g., 10 log (1/0.25) if the duty cycle is 25 %).

Method PM-G (Measurement using a gated RF average power meter):
Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.5℃	Relative Humidity	54.3%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	October 20, 2025	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix C

7.4. POWER SPECTRAL DENSITY

LIMITS

CFR 47 FCC Part15 Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	☐ Standard Power Access Point The maximum power spectral density must not exceed 23 dBm e.i.r.p in any 1-megahertz band.	5.925-6.425 GHz 6.525-6.875 GHz
	☐ Indoor Access Point The maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band.	5.925-7.125 GHz
	☐ Subordinate Device The maximum power spectral density must not exceed 5 dBm e.i.r.p in any 1-megahertz band.	5.925-7.125 GHz
	☒ Client Devices, Operating Under The Control Of A Standard Power Access Point The maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band.	5.925-6.425 GHz 6.525-6.875 GHz
	☒ Client Devices, Operating Under The Control Of An Indoor Access Point The maximum power spectral density must not exceed −1 dBm e.i.r.p. in any 1-megahertz band.	5.925-7.125 GHz

TEST PROCEDURE

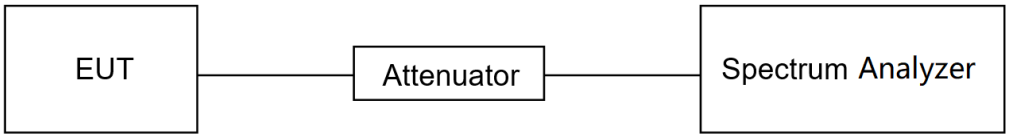
Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.F.

Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	1 MHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Average
Sweep time	Auto

Allow trace to fully stabilize and use the peak search function on the instrument to find the peak of the spectrum and record its value.
Add 10 log (1/x), where x is the duty cycle, to the peak of the spectrum, the result is the Maximum PSD over 1 MHz reference bandwidth.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.5℃	Relative Humidity	54.3%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	October 20, 2025	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix D

7.5. IN-BAND EMISSIONS (MASK)

LIMITS

Please refer to CFR 47 FCC §15.407 (b) (7).

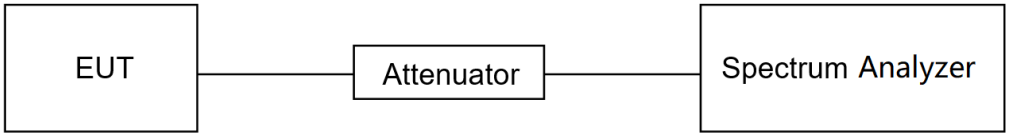
For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

TEST PROCEDURE

Refer to 987594 D02 U-NII 6GHz EMC Measurement v03 J.

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 4.1.6.2 of ANSI C63.10-2020.
3. Measure the 26 dB EBW using the test procedure 12.5.2 of ANSI C63.10-2020. (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 ≥ 3 X RBW
d) Number of points in sweep ≥ [2 X span / 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. To develop the emission mask, the channel bandwidth is defined as 26 dB Equivalent Bandwidth (EBW) or 99% of the occupied bandwidth.
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.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.5℃	Relative Humidity	54.3%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	October 20, 2025	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix E

7.6. FREQUENCY STABILITY

LIMITS

The frequency of the carrier signal shall be maintained within band of operation.

TEST PROCEDURE

1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between 0 °C ~ 40 °C (declared by customer).

2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.

3. The primary supply voltage is varied from 85 % to 115 % of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

Connect the EUT to the spectrum analyzer and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	10 kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

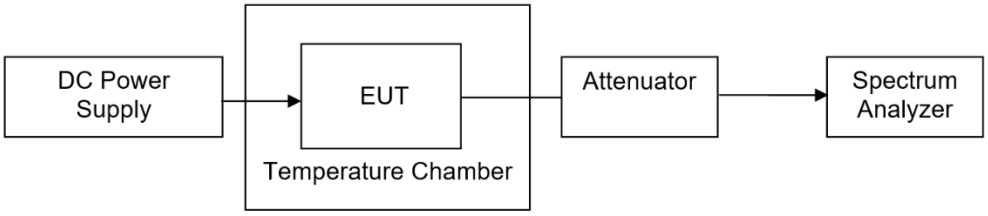
4. While maintaining a constant temperature inside the environmental chamber, turn the EUT on and record the operating frequency at startup, and at 2 minutes, 5minutes, and 10 minutes after the EUT is energized.

5. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

TEST ENVIRONMENT

	Normal Test Conditions	Extreme Test Conditions
Relative Humidity	20 % ~ 75 %	/
Atmospheric Pressure	100 kPa ~ 102 kPa	/
Temperature	T_N (Normal Temperature): 25.1 °C	T_L (Low Temperature): 0 °C
		T_H (High Temperature): 40 °C
Supply Voltage	V_N (Normal Voltage): AC 120 V, 60 Hz	V_L (Low Voltage): AC 102 V
		V_H (High Voltage): AC 138 V

TEST SETUP



TEST ENVIRONMENT

Temperature	24.5℃	Relative Humidity	54.3%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	October 20, 2025	Test By	Bairong Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix I

7.7. CONTENTION-BASED PROTOCOL

LIMITS

Please refer to CFR 47 FCC §15.407 (d) (6).

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 (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm)1. The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain.
To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater
certainty.

a) Simulating Incumbent Signal
The incumbent signal is assumed to be noise-like. One example of such transmission could be Digital Video Broadcasting (DVB) systems that use Orthogonal Frequency Division Multiplexing (OFDM). Incumbent systems may also use different bandwidths for their transmissions. A 10 MHz-wide additive white Gaussian noise (AWGN) signal is selected to simulate and represent incumbent transmission.
b) Required number of tests
Incumbent and EUT (access point, subordinate or client) signals may occupy different portions of the channel. Depending on the EUT transmission bandwidth and incumbent signal center frequency (simulated by a 10 MHz-wide AWGN signal), the center frequency of the EUT signal $ffcc1$ may fall within the incumbent's occupied bandwidth (Figure 1.a), or outside of it (Figure 1.b).

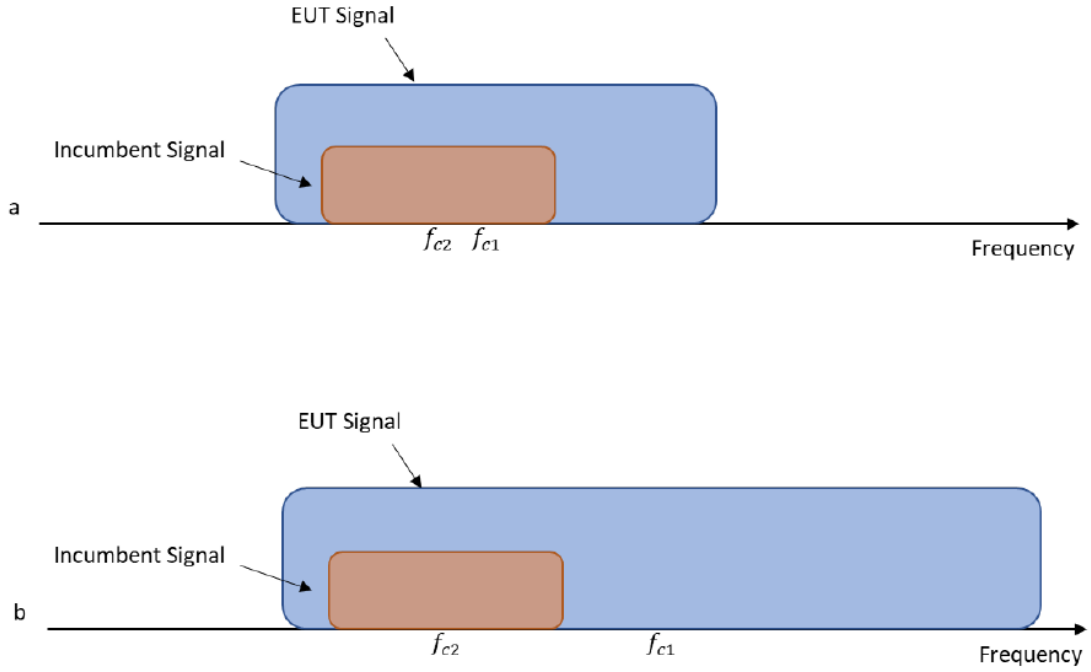


Figure 1. Two possible scenarios where a) center frequency of EUT transmission falls within incumbent's bandwidth, or b) outside of it

To ensure EUT reliably detects an incumbent signal in both scenarios shown in Figure 1, the detection threshold test may be repeated more than once with the incumbent signal (having center frequency $ffcc2$) tuned to different center frequencies within the UT transmission bandwidth. The criteria specified in Table 1 determines how many times the detection threshold test must be performed;

Table 1. Criteria to determine number of times detection threshold test may be performed

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

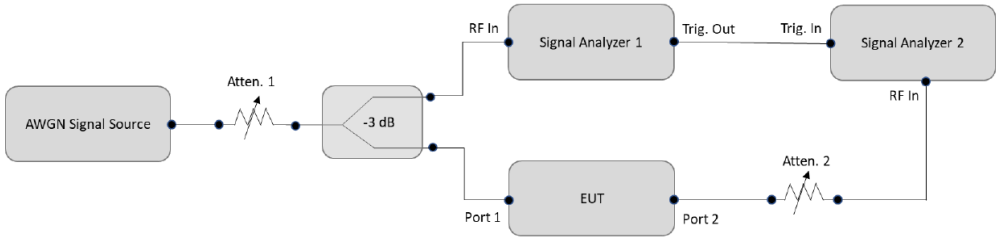
where:
BW_{EUT}: Transmission bandwidth of EUT signal
BW_{Inc}: Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal)
f_{c1}: Center frequency of EUT transmission
f_{c2}: Center frequency of simulated incumbent signal

TEST PROCEDURE

To ensure the EUT is capable of detecting co-channel energy, the first step is to configure the EUT to transmit with a constant duty cycle.2 To simulate an incumbent signal, a signal generator (or similar source) that is capable of generating band-limited additive white Gaussian noise (AWGN) is required. Depending on the EUT antenna configuration, the AWGN signal can be provided to the EUT receiver via a conducted method (Figure 2) or a radiated method (Figure 3). Figure 2 shows the conducted test setup where a band-limited AWGN signal is generated at a very low power level and injected into the EUT's antenna port. The AWGN signal power level is then incrementally increased while the EUT transmission is monitored on a signal analyzer 2 to verify if the EUT can sense the AWGN signal and can subsequently cease its transmission. A triggered measurement, as shown in Figure 2, is optional, and assists with determining the time it takes the EUT to cease transmission (or vacate the channel) upon detecting RF energy. If the EUT has only one antenna port, then an AWGN signal source can be connected to the same antenna port.

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EEUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2, as shown in Figure 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
4. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step two.
5. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
6. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT as shown in Figure 2.
7. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
8. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
9. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
10. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 5, choose a different center frequency for the AWGN signal and repeat the process.

TEST SETUP



TEST ENVIRONMENT

Temperature	23.8℃	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	October 25, 2025	Test By	Walker Yuan

TEST RESULTS

Please refer to section "Test Data" - Appendix F

7.8. DUAL CLIENT TEST, DEMONSTRATION OF PROPER POWER ADJUSTMENT BASED ON ASSOCIATED AP

LIMITS

Device Type	Support Band	Maximum e.i.r.p Limit
Indoor Client	UNII 5, 6, 7, 8	< 24 dBm
Standard Power Client	UNII 5, 7	< 30 dBm

TEST PROCEDURE

1. Connect equipment as shown in Figure 6 below.
2. Adjust Atten 2 to Standard Power AP to facilitate error-free communication with the Client (Atten 1 should be set to High on the RF path to the Low Power AP).
3. Configure the Client and APs to associate and send data (stream data). The client must be configured to transmit at its highest power level. Initially, because the attenuation on Atten 1 is set high, the Client will only associate with the Std Power AP.
4. Verify transmission between the Client and the Standard Power AP. Additional attenuators may be required to protect measurement equipment. Measure the Client RF power using any of the methods in C63.10 for NII devices.
5. Gradually increase Atten 2 while decreasing Atten 1. This simulates the Client moving from outdoors to indoors. At some level of attenuation, the Client should associate with the Low-Power indoor AP. Verify transmission between the Client and the Low-Power AP.
6. Measure the RF power of the Client device using the same method as in step 4. Verify the power is no more than 24 dBm EIRP.

TEST SETUP

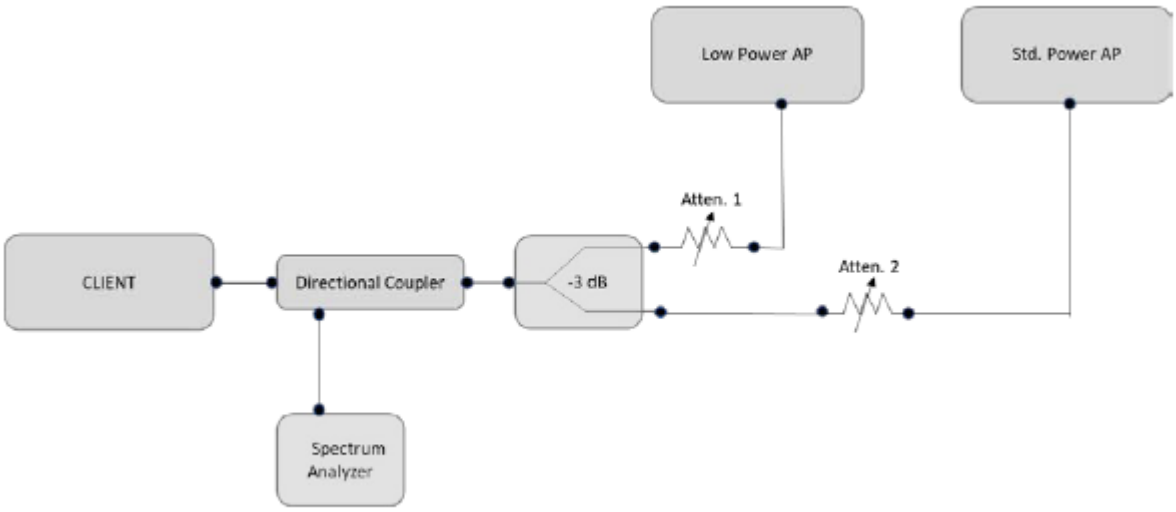


Figure 6. Test setup for conducted testing

TEST ENVIRONMENT

Temperature	22.1℃	Relative Humidity	51%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	January 8, 2026	Test By	Fanny Huang

TEST RESULTS

Please refer to section "Test Data" - Appendix G

7.9. PROPER POWER ADJUSTMENT, CLIENT DEVICES CONNECTED TO A STANDARD POWER ACCESS POINT (APC)

LIMITS

A client device that connects to a Standard Power AP must limit its power to a minimum of 6 dB lower than its associated Standard Power access point's authorized transmit power. The term "authorized" means the AFC-approved power level for the AP to use on a particular channel.

TEST PROCEDURE

1. Connect equipment as shown in Figure 7 below.
2. In the figure, the Std Power AP can be configured using a developmental board, an Access Point incorporated with test software, or any other hardware configuration that adequately demonstrates proper client power adjustment.
3. Adjust Atten 1 to Std Power AP to facilitate error-free communication with the Client but protect the Client receiver from overload or damage.
4. Configure the Client and AP to associate and send data (stream data). The AP should be configured so its registered power is 36 dBm EIRP.
5. Verify transmission between the Client and the Standard Power AP. Additional attenuators may be required to protect measurement equipment. Measure the Client RF power using any of the methods in C63.10 for NII devices. Use this power and its antenna gain to calculate the Client EIRP.
6. The Client EIRP should be minimally 6 dB lower than the APs.
7. Repeat Steps 2 through 5 at two other selected measurement points—the first at the midpoint and the second at the client's lowest rated power, as declared by the manufacturer.

TEST SETUP

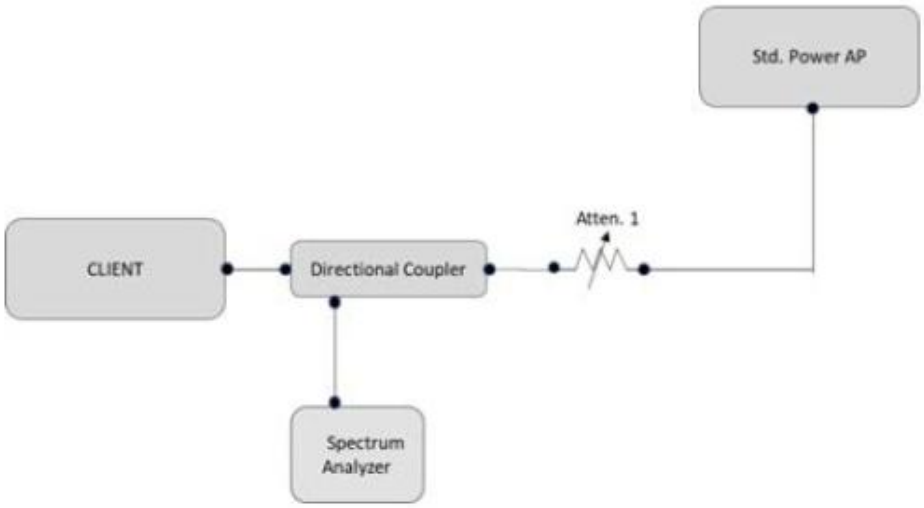


Figure 7. Test setup for conducted testing

TEST ENVIRONMENT

Temperature	22.1℃	Relative Humidity	51%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V 60Hz

TEST DATE / ENGINEER

Test Date	January 8, 2026	Test By	Fanny Huang

TEST RESULTS

Please refer to section "Test Data" - Appendix H

8. RADIATED TEST RESULTS

LIMITS

Refer to CFR 47 FCC §15.205, §15.209 and §15.407 (b) (6).

Radiation Disturbance Test Limit:

Emissions radiated outside of the specified frequency bands above 30 MHz			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m	
		Quasi-Peak	
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
		74	54

FCC Emissions radiated outside of the specified frequency bands below 30 MHz		
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30

FCC Restricted bands of operation refer to FCC §15.205 (a):

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

Note: [1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
[2]Above 38.6c
Limits of unwanted/undesirable emission out of the restricted bands refer to CFR 47 FCC §15.407 (b) (6) and ISED RSS-247 4.6.

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.

TEST PROCEDURE

Below 30 MHz

The setting of the spectrum analyzer

RBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto

1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.4.

2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.

5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.

6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.

7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.

8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency X kHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

The setting of the spectrum analyzer

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2020 clause 6.5.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

Above 1 GHz

The setting of the spectrum analyzer

RBW	1 MHz
VBW	PEAK: 3 MHz AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.G.3 ~ II.G.6.

2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

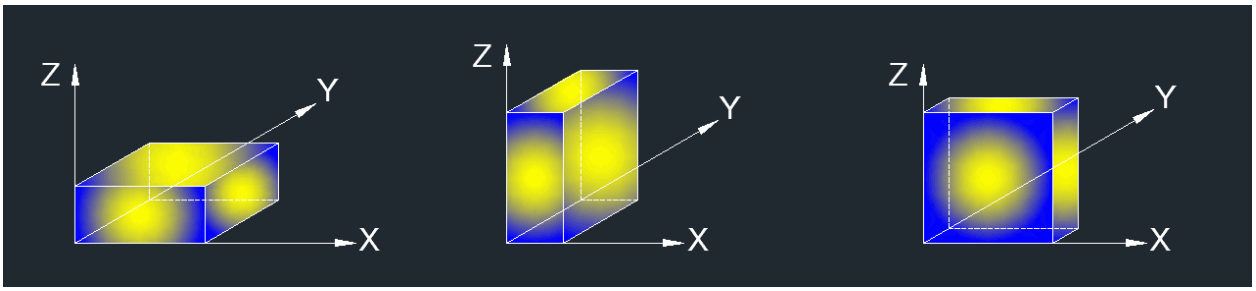
3. The EUT was placed on a turntable with 1.5 m above ground.

4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

5. For measurement above 1 GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1. ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

Note 2: The EUT was fully exercised with external accessories during the test. In the case of multiple accessory external ports, an external accessory shall be connected to one of each type of port.

For Restricted Bandedge:
Note:
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. PK=Peak: Peak detector.
4. AV=Average: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
7. Both horizontal and vertical have been tested, only the worst data was recorded in the report.
8. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (9 kHz ~ 30 MHz):
Note:
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the QP limit, the QP result is deemed to comply with QP limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.
4. All modes have been tested, but only the worst data was recorded in the report.
5. dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5

For Radiate Spurious Emission (30 MHz ~ 1 GHz):
Note:
1. Result Level = Read Level + Correct Factor.
2. If the peak values are less than the QP limit, the QP result is deemed to comply with QP limit.
3. All modes have been tested, but only the worst data was recorded in the report.

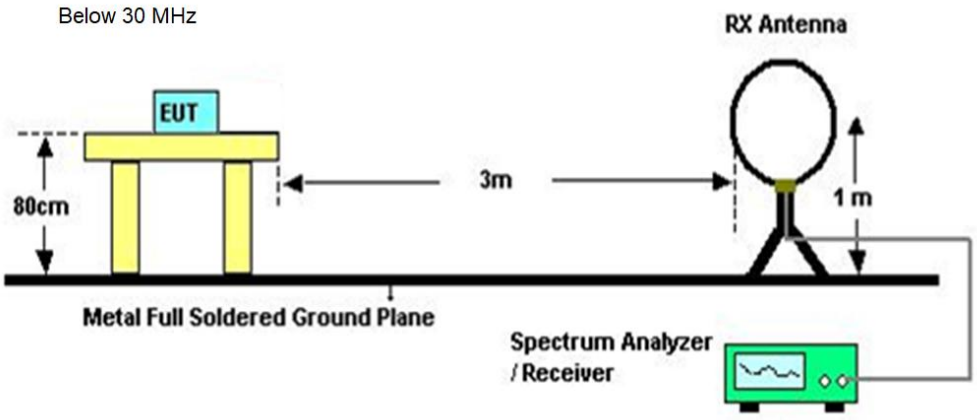
For Radiate Spurious Emission (1 GHz ~ 9 GHz):
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27 dBm/MHz (68.2 dBuV/m) limit.
9. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious Emission (9 GHz ~ 18 GHz):
Note:
1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27 dBm/MHz (68.2 dBuV/m) limit.
9. All modes have been tested, but only the worst data was recorded in the report.

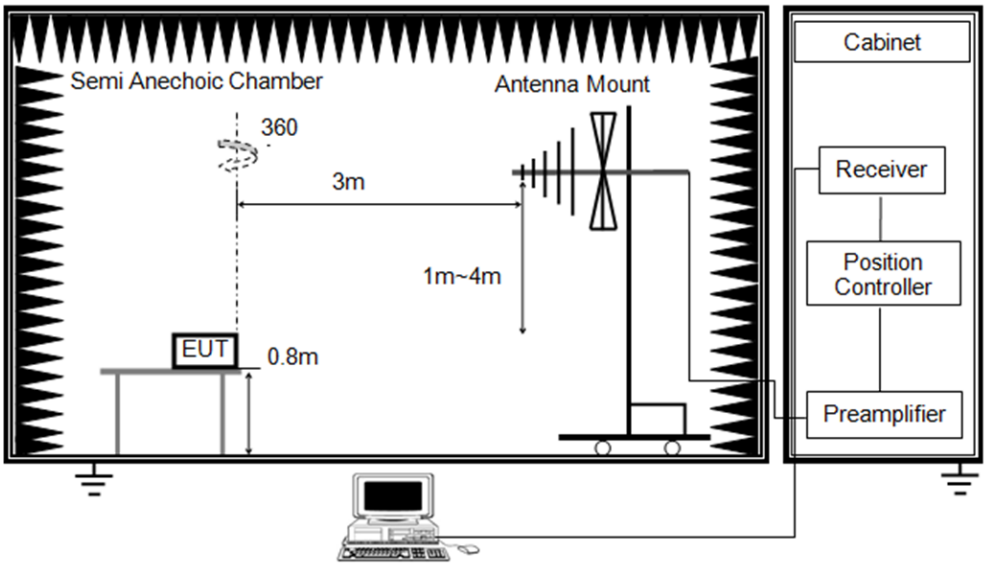
For Radiate Spurious emission (18 GHz ~ 26 GHz):
Note:
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes have been tested, but only the worst data was recorded in the report.

For Radiate Spurious emission (26 GHz ~ 40 GHz):
Note:
1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. All modes have been tested, but only the worst data was recorded in the report.

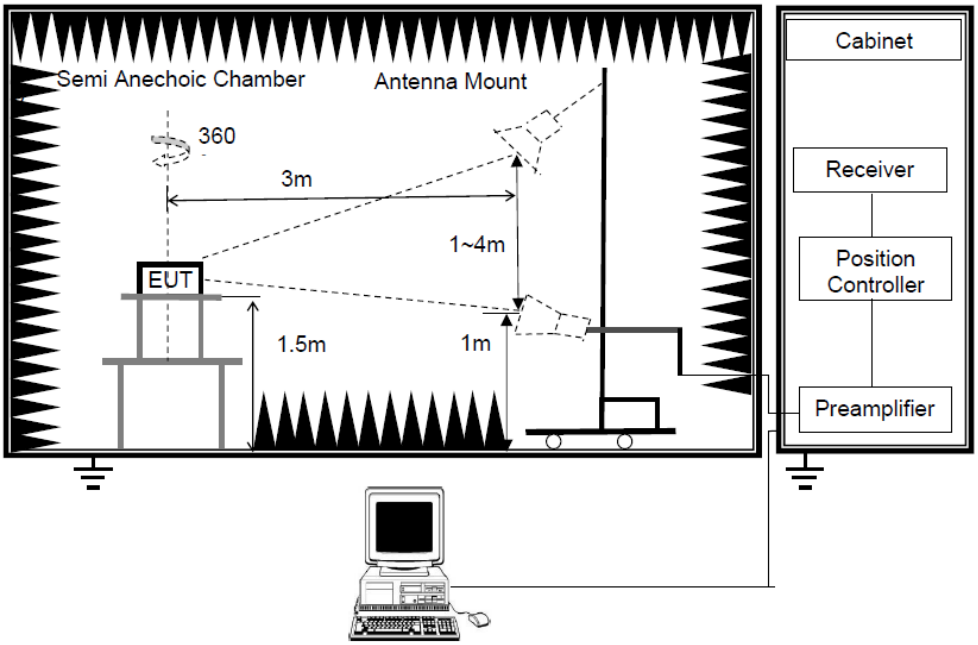
TEST SETUP



Below 1 GHz and above 30 MHz



Above 1GHz



TEST ENVIRONMENT

Temperature	20.7℃	Relative Humidity	59.2%
Atmosphere Pressure	101kPa	Test Voltage	

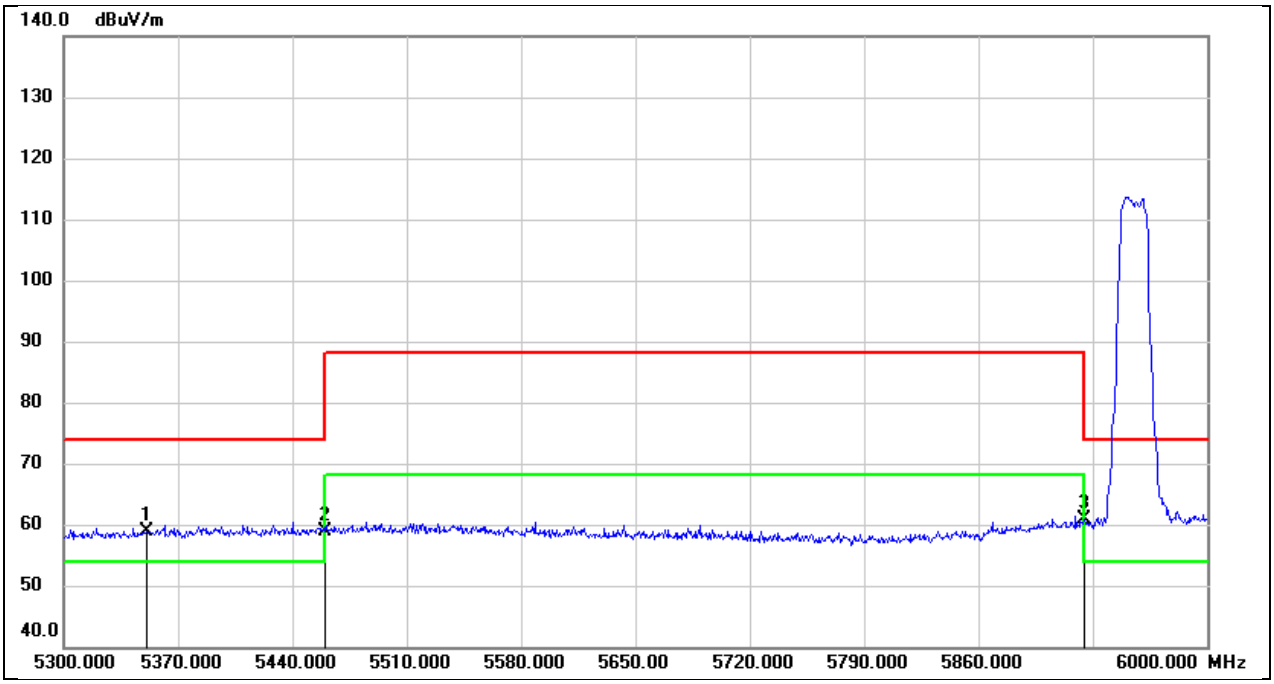
TEST DATE / ENGINEER

Test Date	November 14, 2025	Test By	Mason Wang

TEST RESULTS

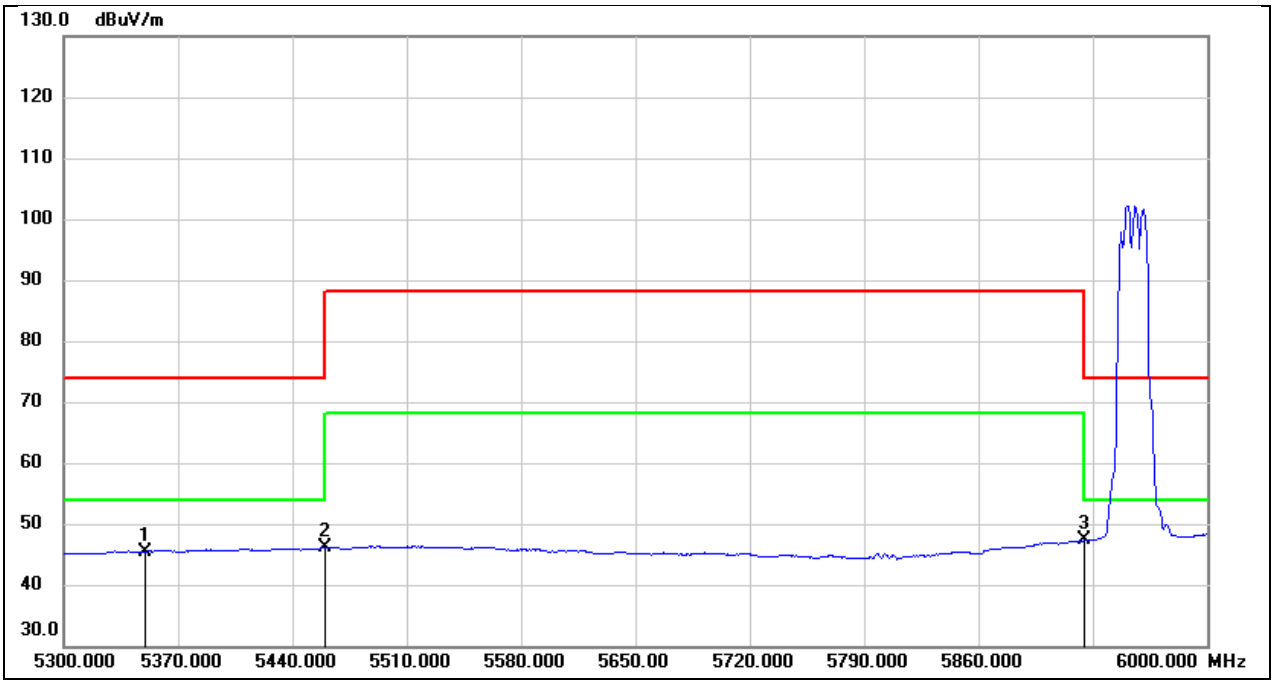
8.1. RESTRICTED BANDEDGE

Test Mode:	802.11a 20 PK	Frequency(MHz):	5955
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



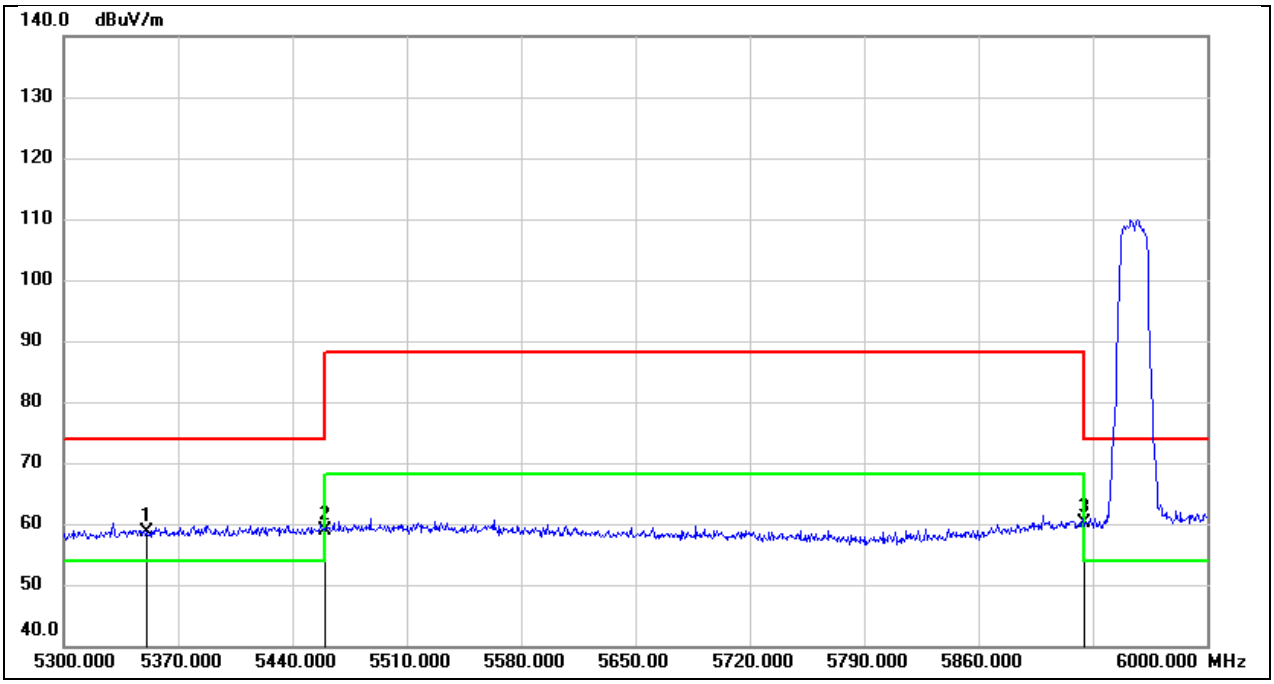
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	39.31	19.67	58.98	74.00	-15.02	peak
2	5460.000	38.75	20.11	58.86	74.00	-15.14	peak
3	5925.000	40.78	20.11	60.89	74.00	-13.11	peak

Test Mode:	802.11a 20 AV	Frequency(MHz):	5955
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



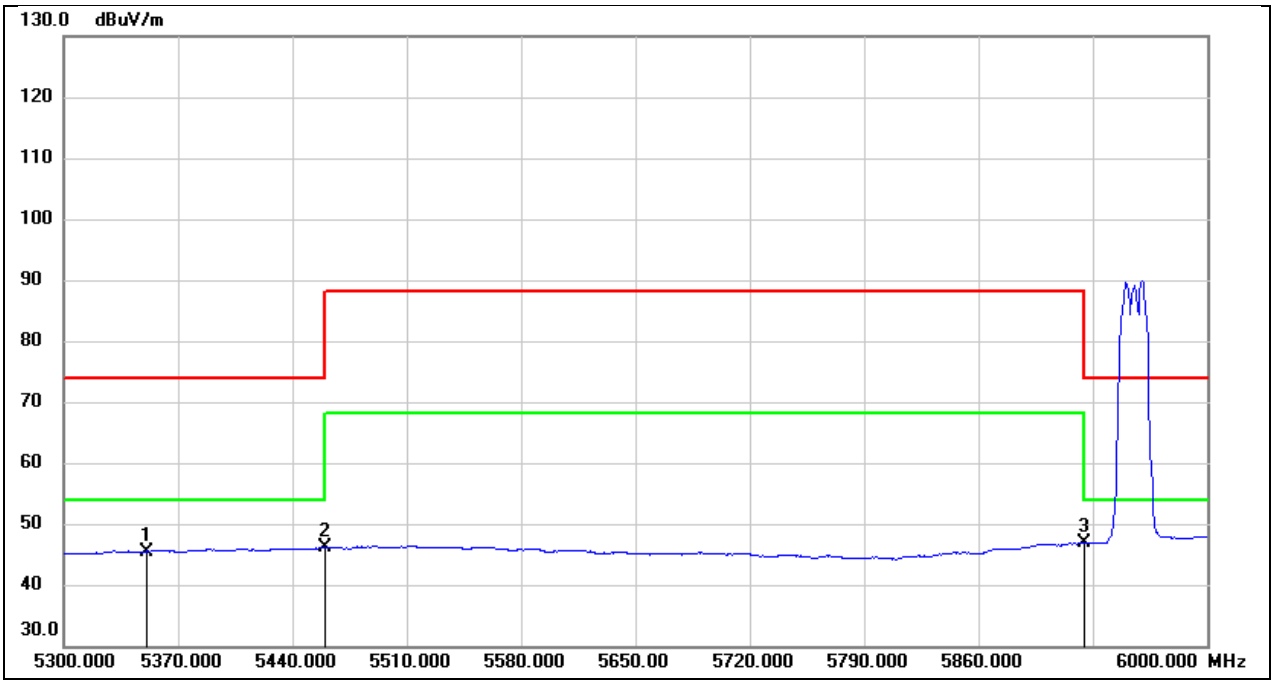
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	25.75	19.67	45.42	54.00	-8.58	AVG
2	5460.000	26.04	20.11	46.15	54.00	-7.85	AVG
3	5925.000	27.23	20.11	47.34	54.00	-6.66	AVG

Test Mode:	802.11a 20 PK	Frequency(MHz):	5955
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



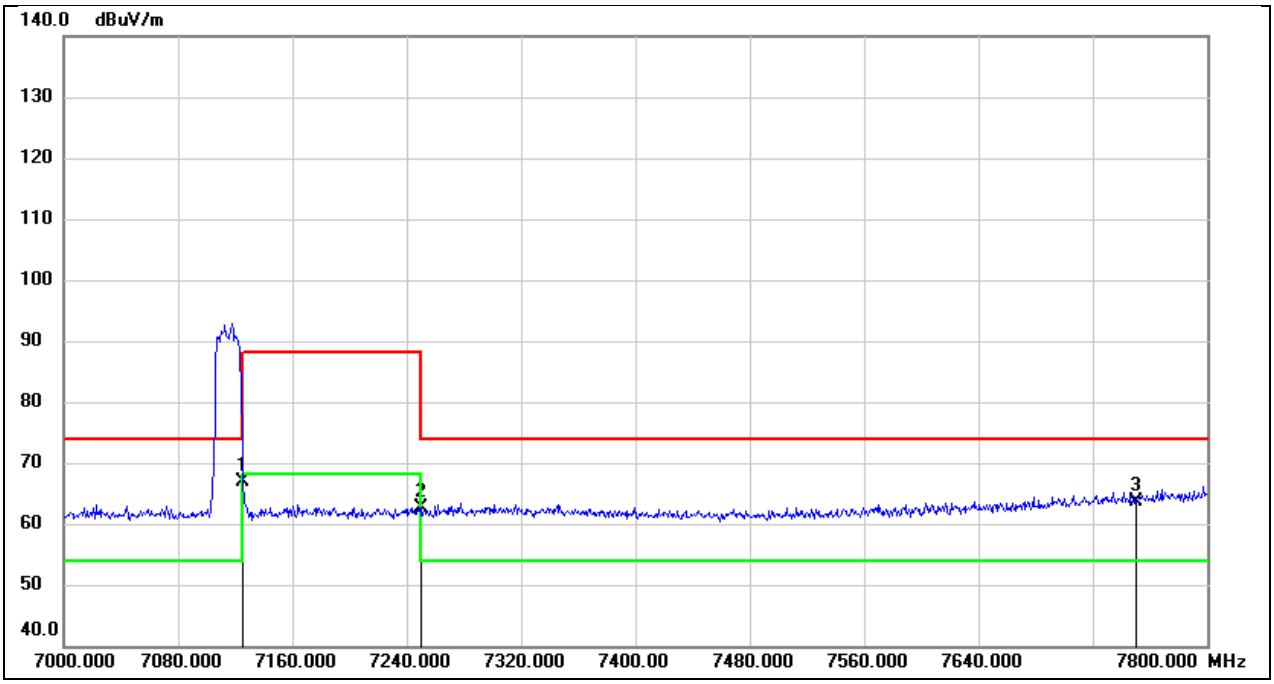
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	39.01	19.67	58.68	74.00	-15.32	peak
2	5460.000	38.74	20.11	58.85	74.00	-15.15	peak
3	5925.000	39.95	20.11	60.06	74.00	-13.94	peak

Test Mode:	802.11a 20 AV	Frequency(MHz):	5955
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



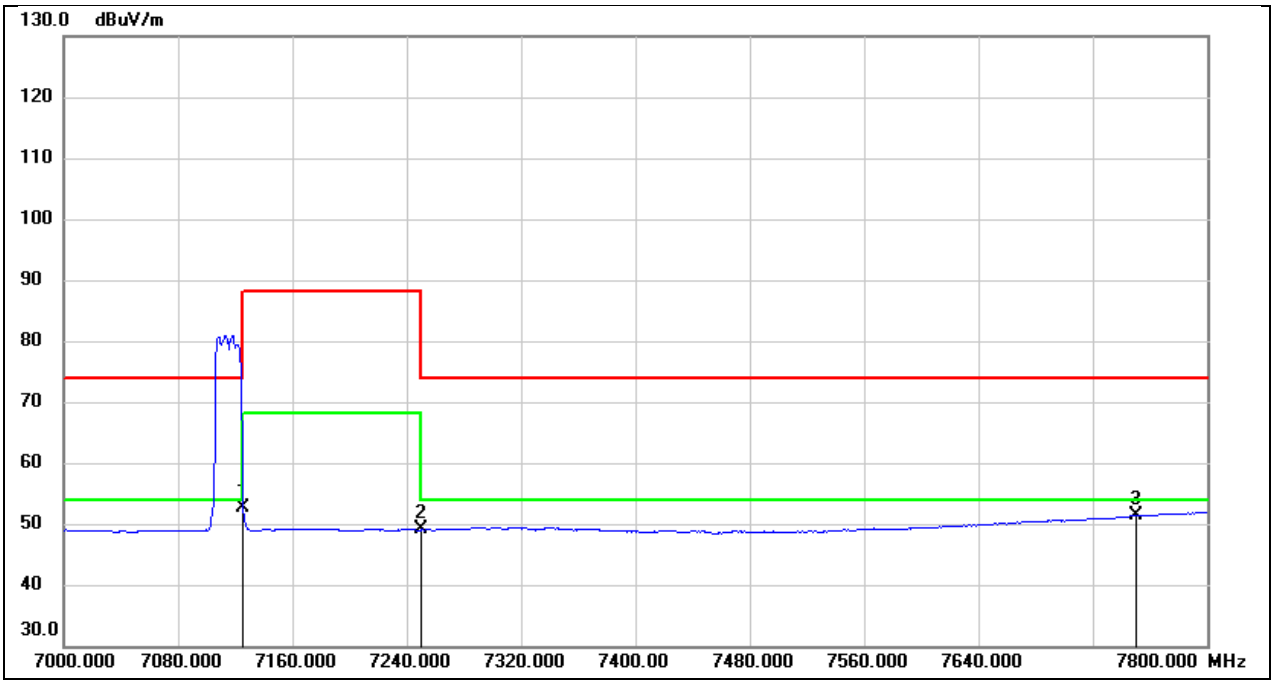
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	25.82	19.67	45.49	54.00	-8.51	AVG
2	5460.000	26.05	20.11	46.16	54.00	-7.84	AVG
3	5925.000	26.79	20.11	46.90	54.00	-7.10	AVG

Test Mode:	802.11a 20 PK	Frequency(MHz):	7115
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



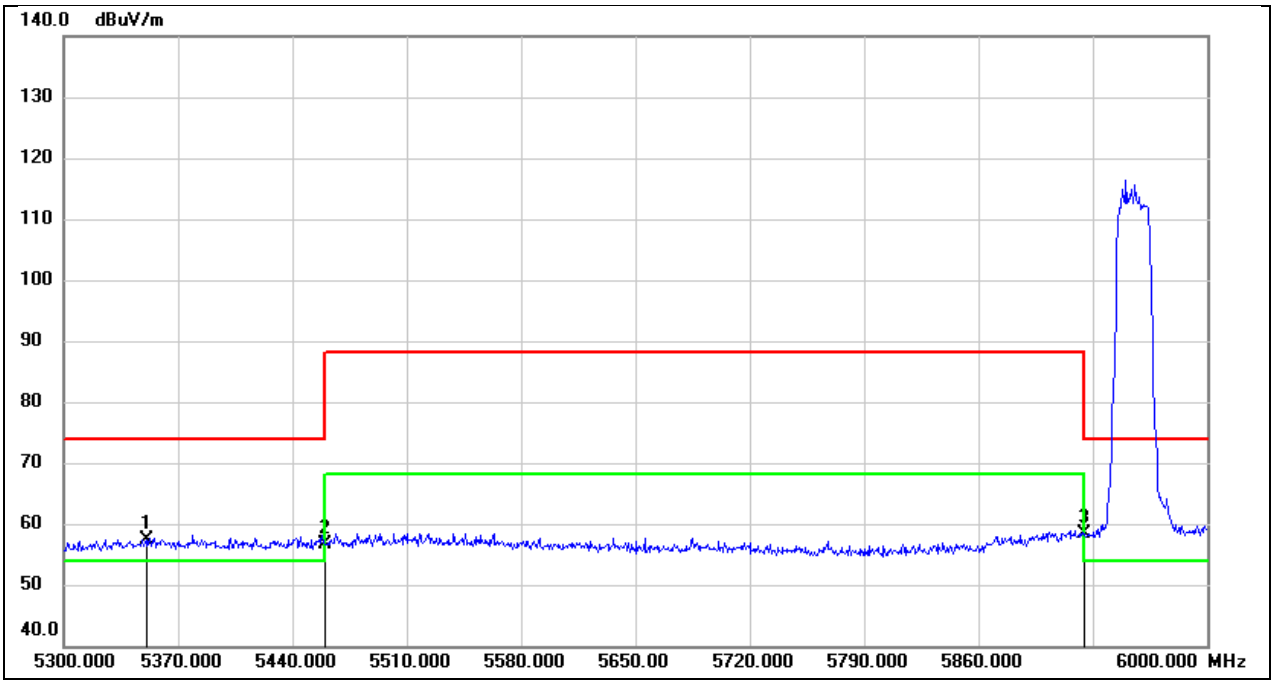
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	44.95	21.90	66.85	88.20	-21.35	peak
2	7250.000	40.60	21.93	62.53	74.00	-11.47	peak
3	7750.000	39.13	24.42	63.55	74.00	-10.45	peak

Test Mode:	802.11a 20 AV	Frequency(MHz):	7115
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



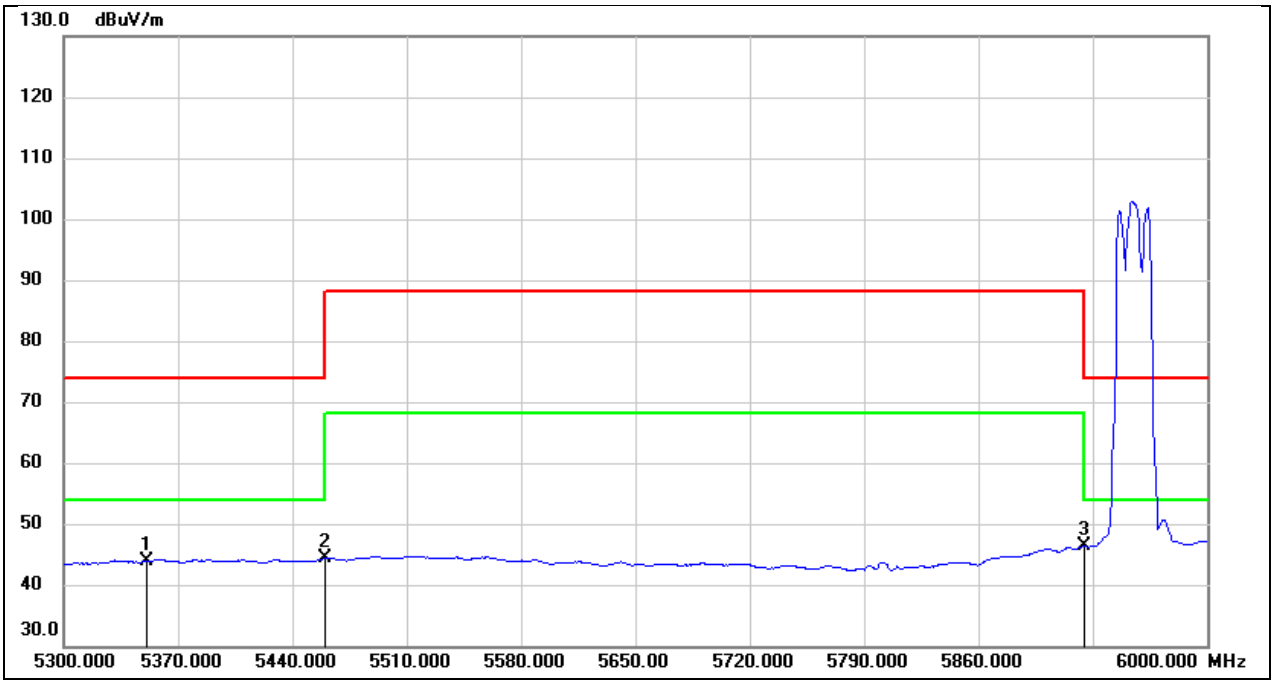
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	30.67	21.90	52.57	68.20	-15.63	AVG
2	7250.000	27.09	21.93	49.02	54.00	-4.98	AVG
3	7750.000	26.90	24.42	51.32	54.00	-2.68	AVG

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	5955
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



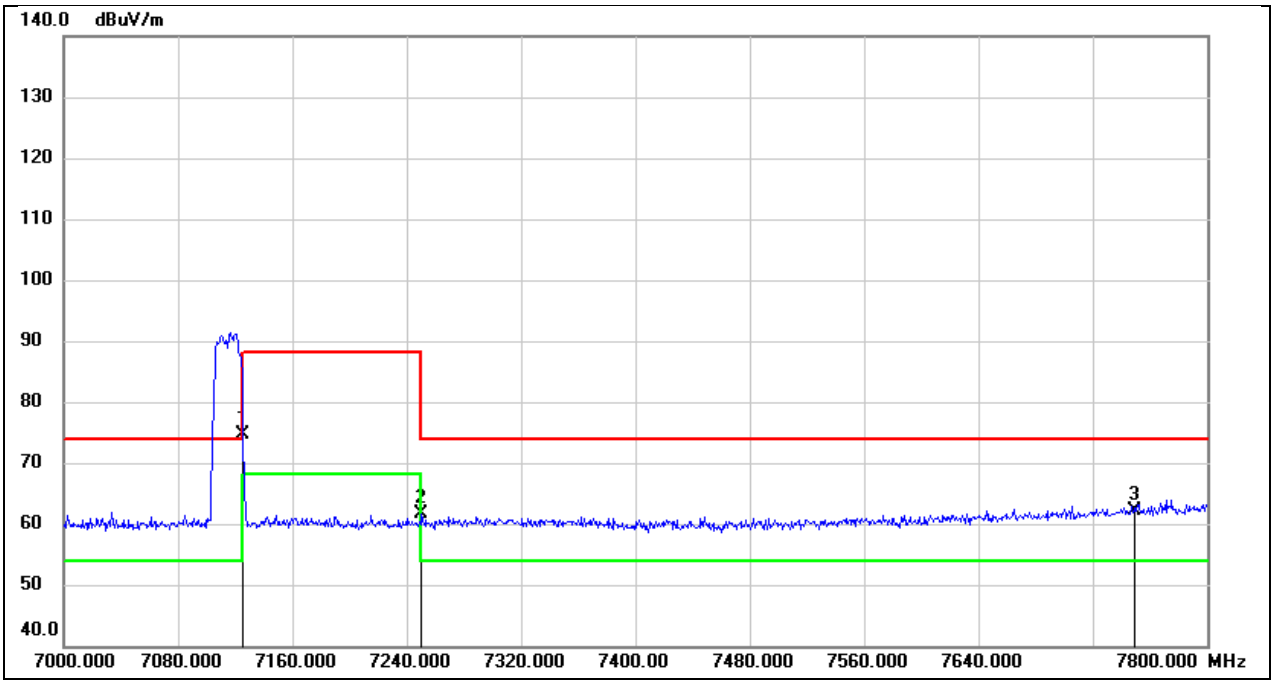
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	37.63	19.67	57.30	74.00	-16.70	peak
2	5460.000	36.49	20.11	56.60	74.00	-17.40	peak
3	5925.000	38.38	20.11	58.49	74.00	-15.51	peak

Test Mode:	802.11ax HE20 AV	Frequency(MHz):	5955
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



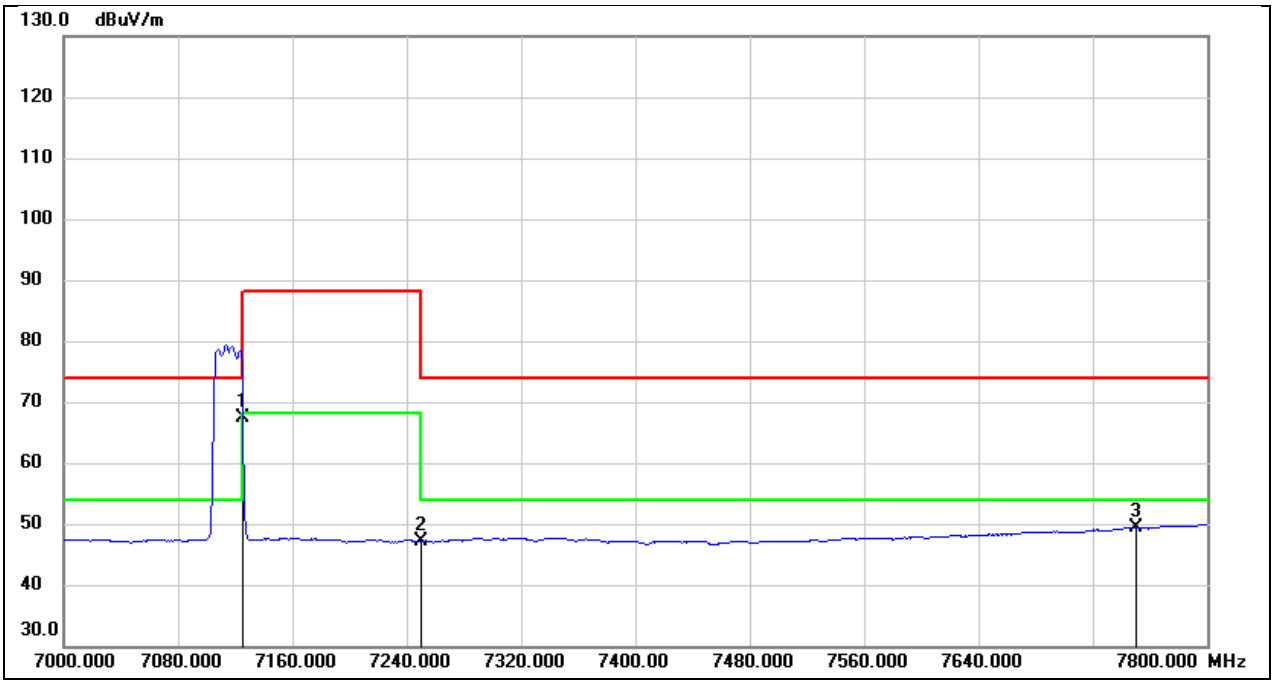
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	24.19	19.67	43.86	54.00	-10.14	AVG
2	5460.000	24.27	20.11	44.38	54.00	-9.62	AVG
3	5925.000	26.15	20.11	46.26	54.00	-7.74	AVG

Test Mode:	802.11ax HE20 PK	Frequency(MHz):	7115
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



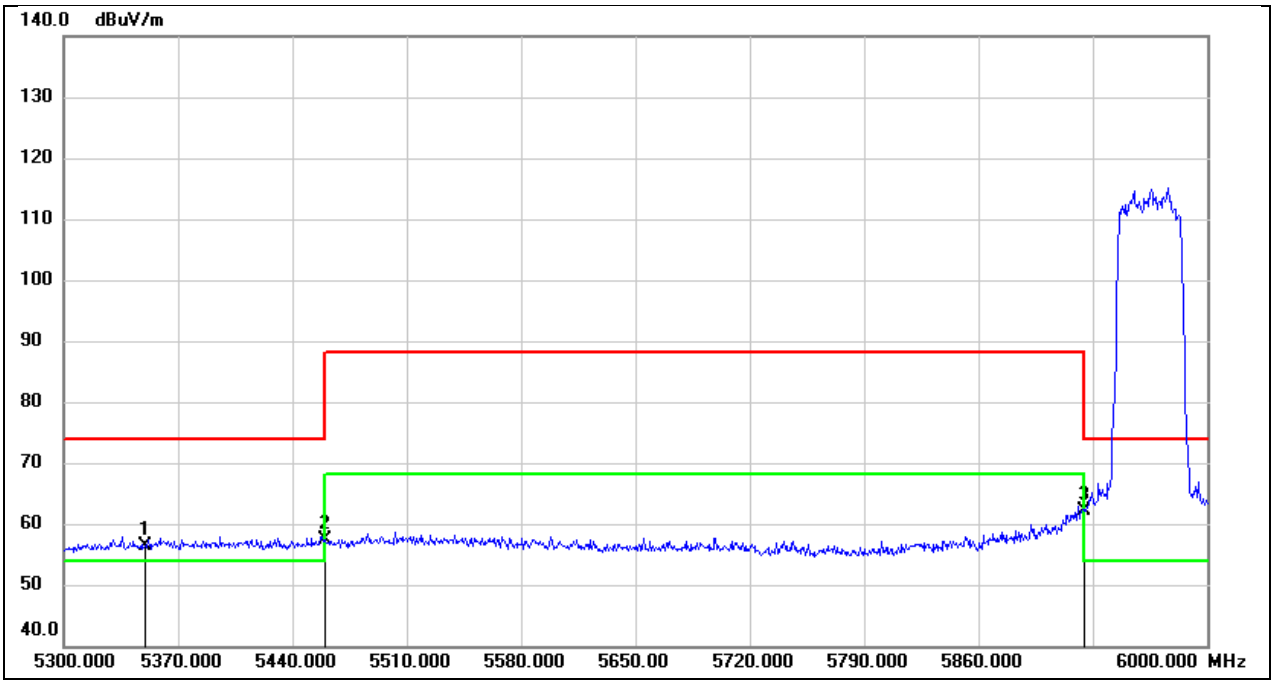
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	52.69	21.90	74.59	88.20	-13.61	peak
2	7250.000	39.72	21.93	61.65	74.00	-12.35	peak
3	7750.000	37.74	24.42	62.16	74.00	-11.84	peak

Test Mode:	802.11ax HE20 AV	Frequency(MHz):	7115
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



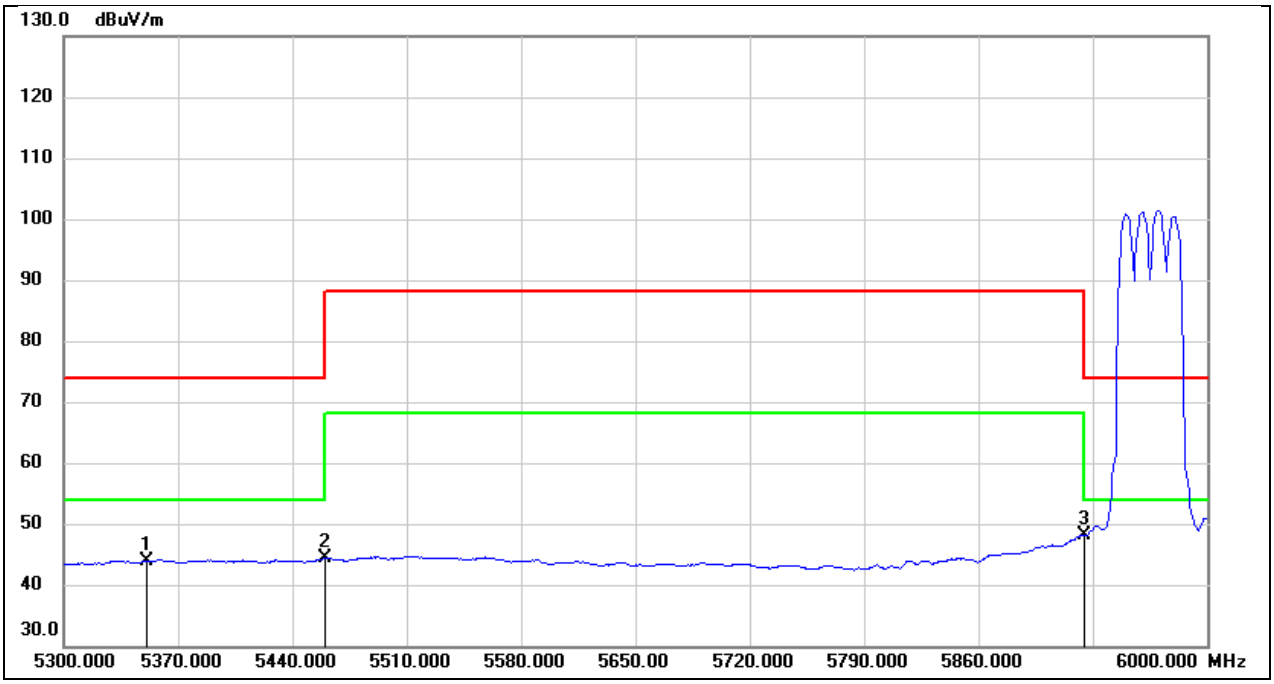
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	45.40	21.90	67.30	68.20	-0.90	AVG
2	7250.000	25.27	21.93	47.20	54.00	-6.80	AVG
3	7750.000	24.99	24.42	49.41	54.00	-4.59	AVG

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	5965
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



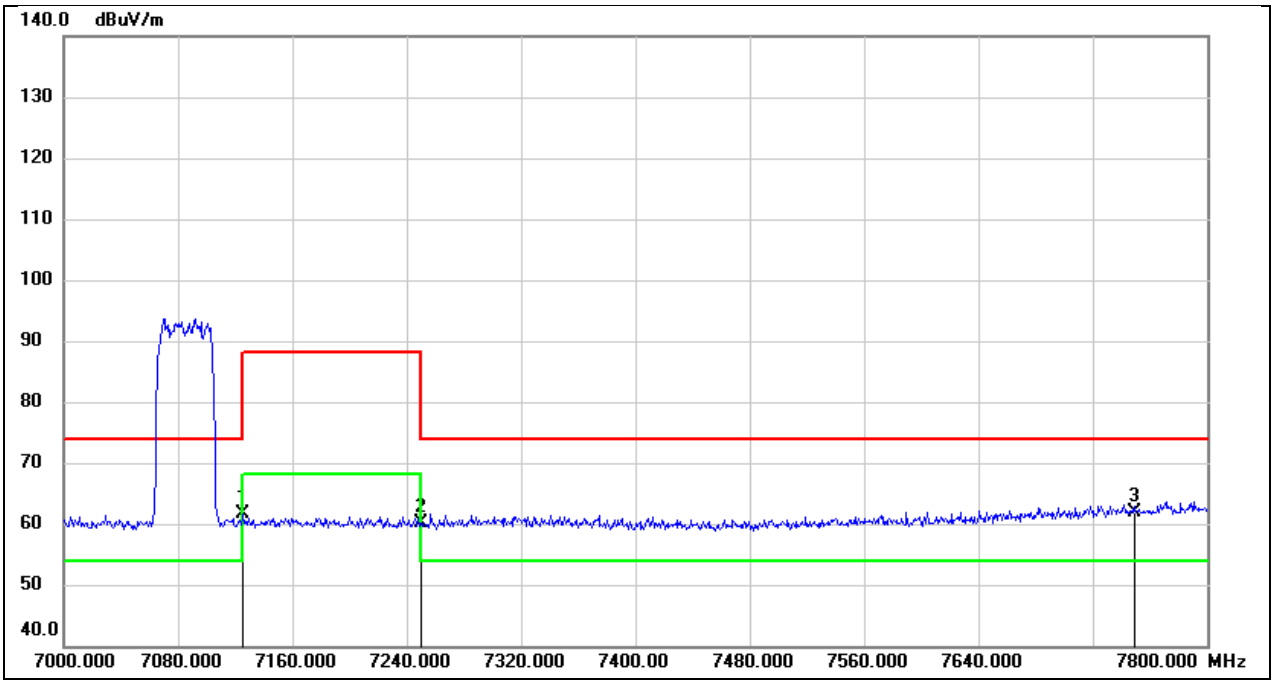
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	36.71	19.67	56.38	74.00	-17.62	peak
2	5460.000	37.30	20.11	57.41	74.00	-16.59	peak
3	5925.000	41.96	20.11	62.07	74.00	-11.93	peak

Test Mode:	802.11ax HE40 AV	Frequency(MHz):	5965
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



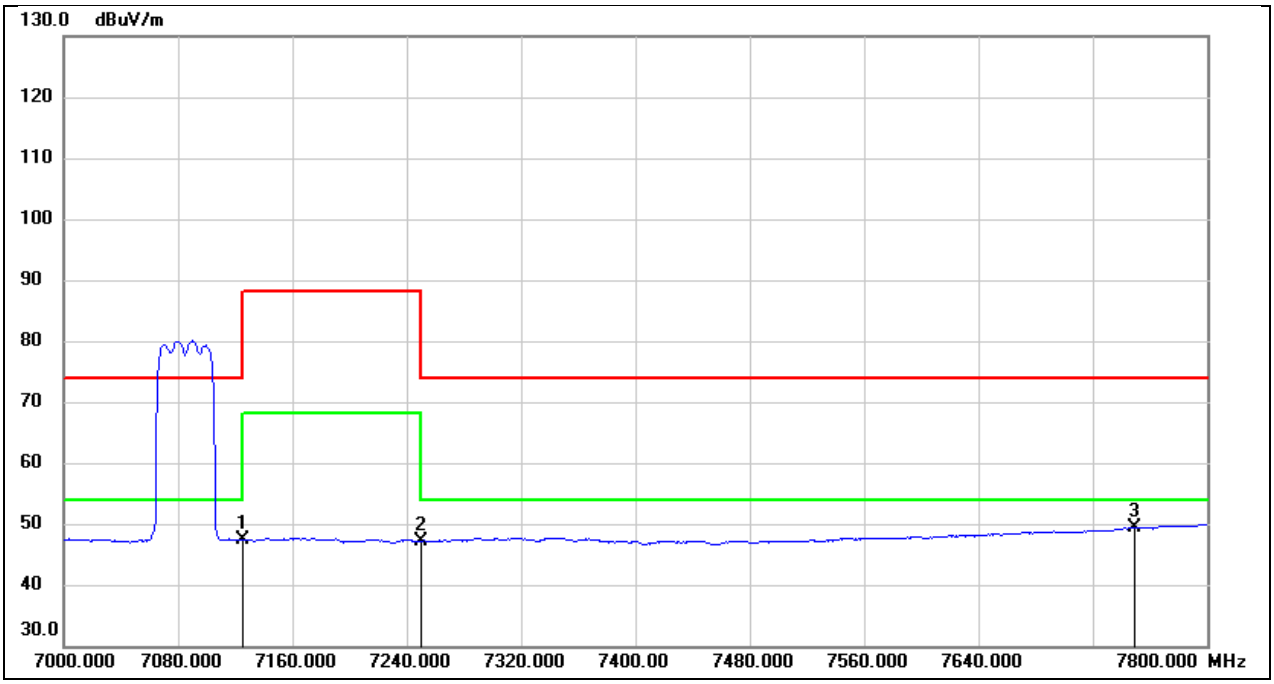
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	24.11	19.67	43.78	54.00	-10.22	AVG
2	5460.000	24.19	20.11	44.30	54.00	-9.70	AVG
3	5925.000	28.01	20.11	48.12	54.00	-5.88	AVG

Test Mode:	802.11ax HE40 PK	Frequency(MHz):	7085
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



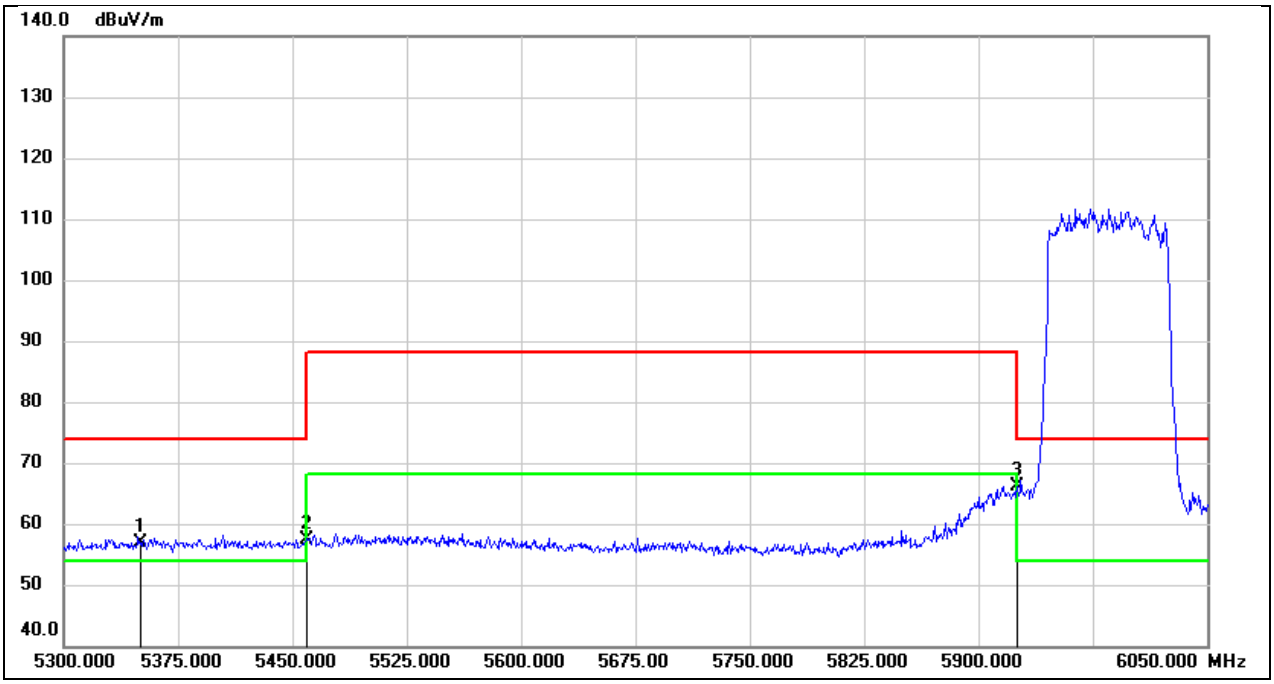
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	39.62	21.90	61.52	88.20	-26.68	peak
2	7250.000	38.16	21.93	60.09	74.00	-13.91	peak
3	7750.000	37.45	24.42	61.87	74.00	-12.13	peak

Test Mode:	802.11ax HE40 AV	Frequency(MHz):	7085
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



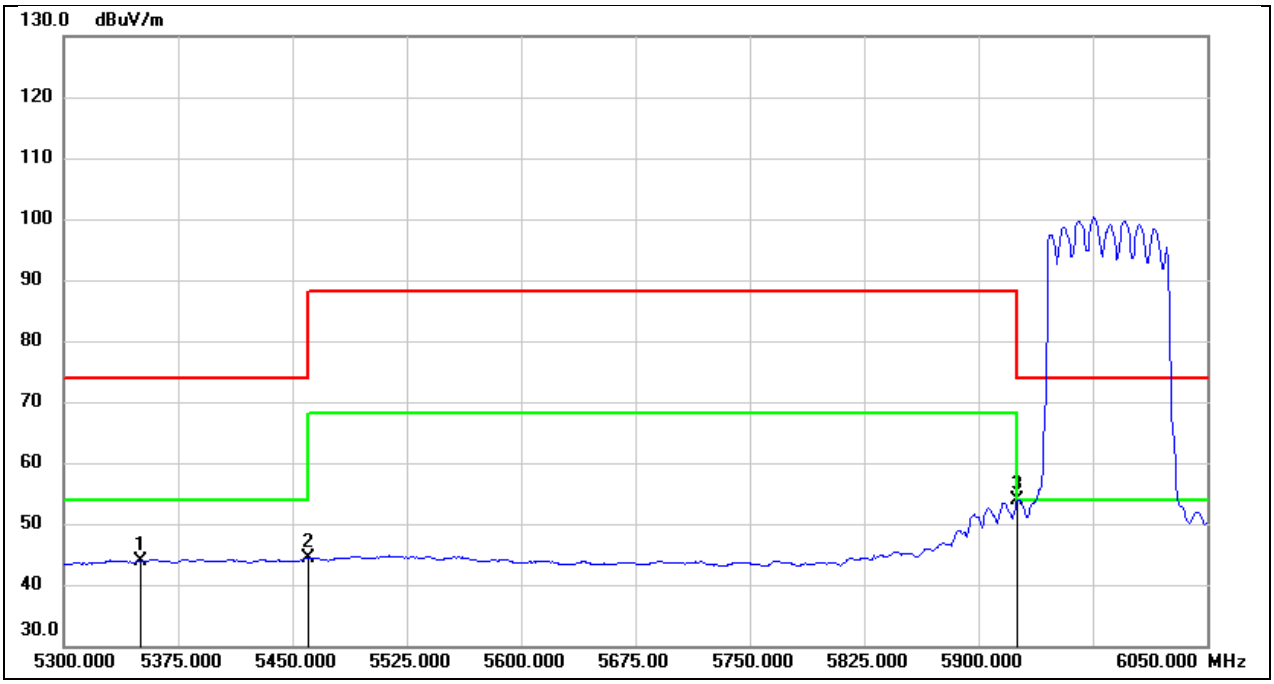
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	25.54	21.90	47.44	68.20	-20.76	AVG
2	7250.000	25.27	21.93	47.20	54.00	-6.80	AVG
3	7750.000	24.93	24.42	49.35	54.00	-4.65	AVG

Test Mode:	802.11ax HE80 PK	Frequency(MHz):	5985
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



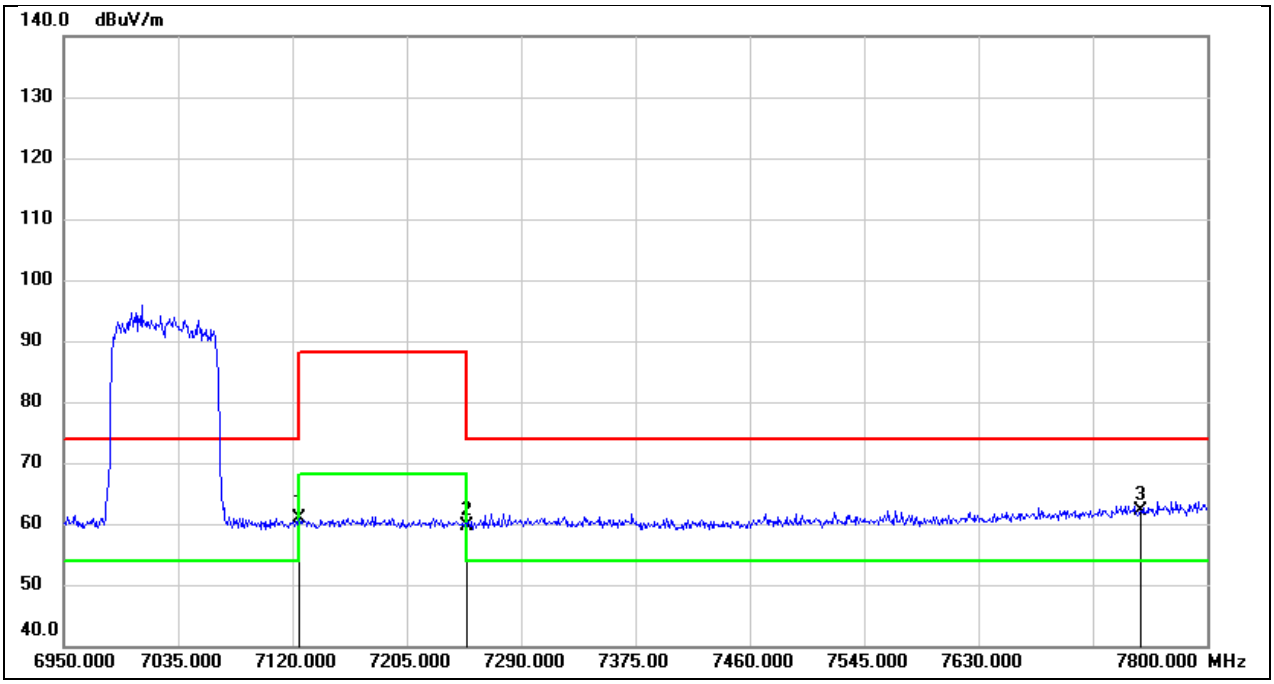
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	37.26	19.67	56.93	74.00	-17.07	peak
2	5460.000	37.17	20.11	57.28	74.00	-16.72	peak
3	5925.000	46.11	20.11	66.22	74.00	-7.78	peak

Test Mode:	802.11ax HE80 AV	Frequency(MHz):	5985
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



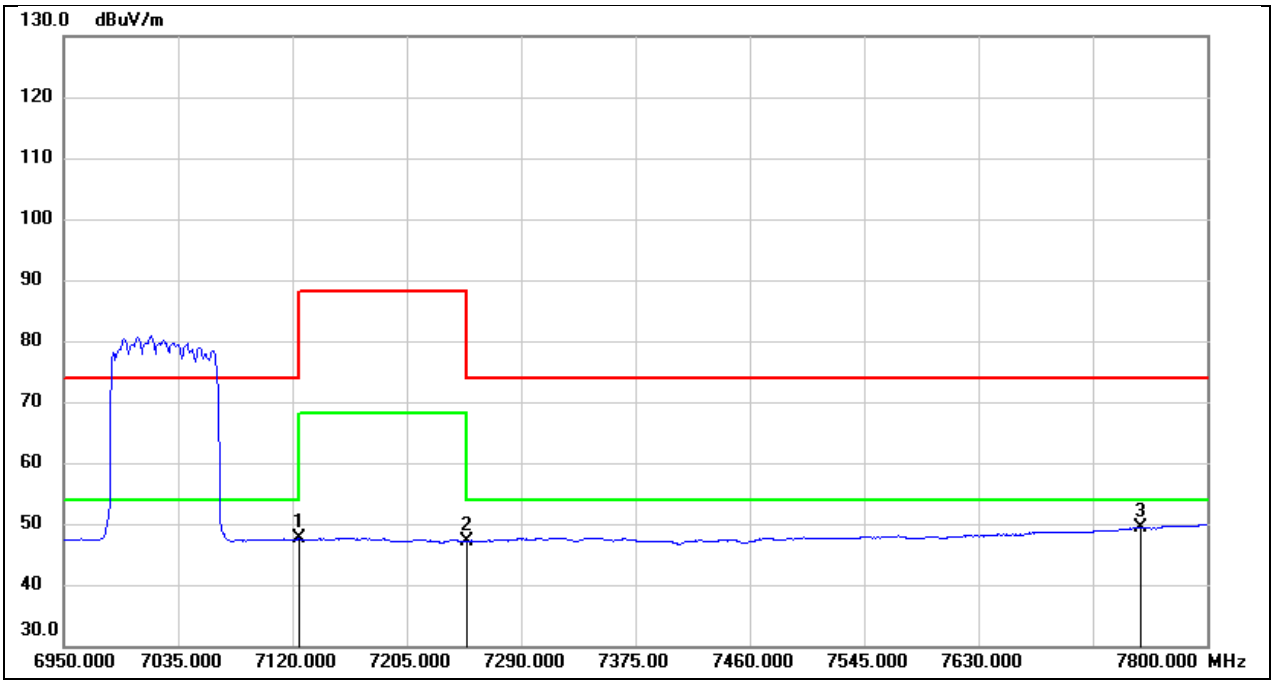
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	24.21	19.67	43.88	54.00	-10.12	AVG
2	5460.000	24.25	20.11	44.36	54.00	-9.64	AVG
3	5925.000	33.72	20.11	53.83	54.00	-0.17	AVG

Test Mode:	802.11ax HE80 PK	Frequency(MHz):	7025
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



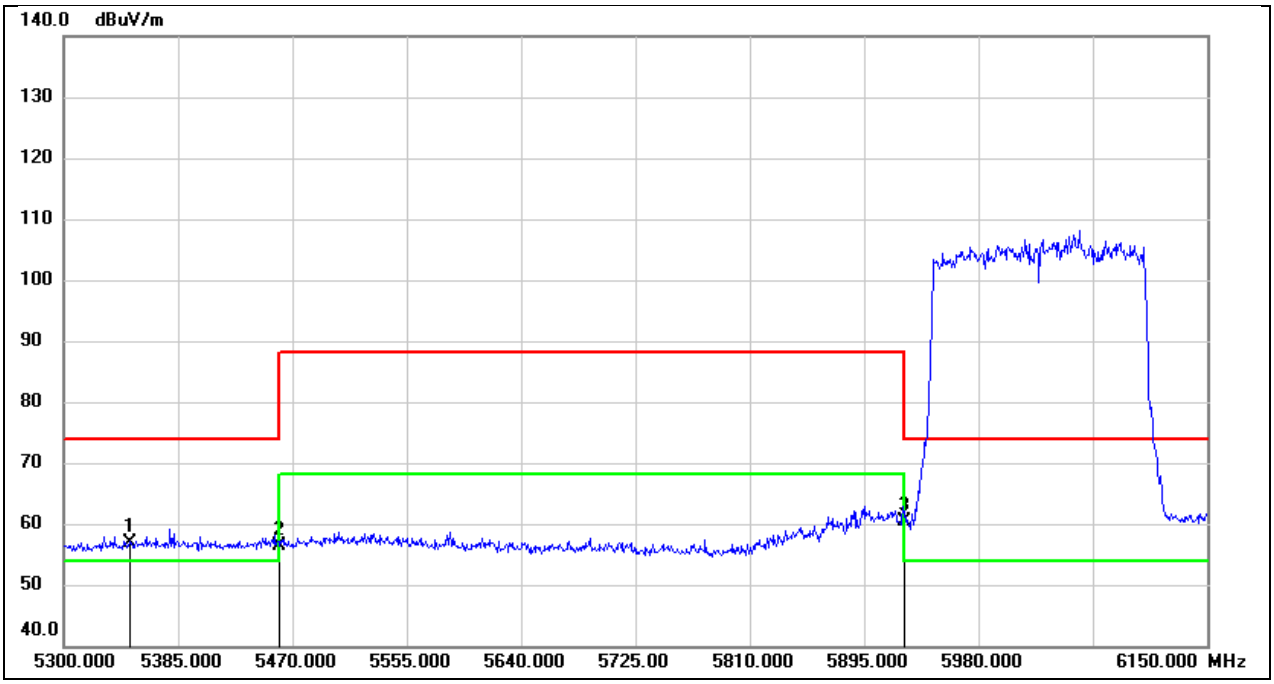
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	38.88	21.90	60.78	88.20	-27.42	peak
2	7250.000	37.61	21.93	59.54	74.00	-14.46	peak
3	7750.000	37.72	24.42	62.14	74.00	-11.86	peak

Test Mode:	802.11ax HE80 AV	Frequency(MHz):	7025
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



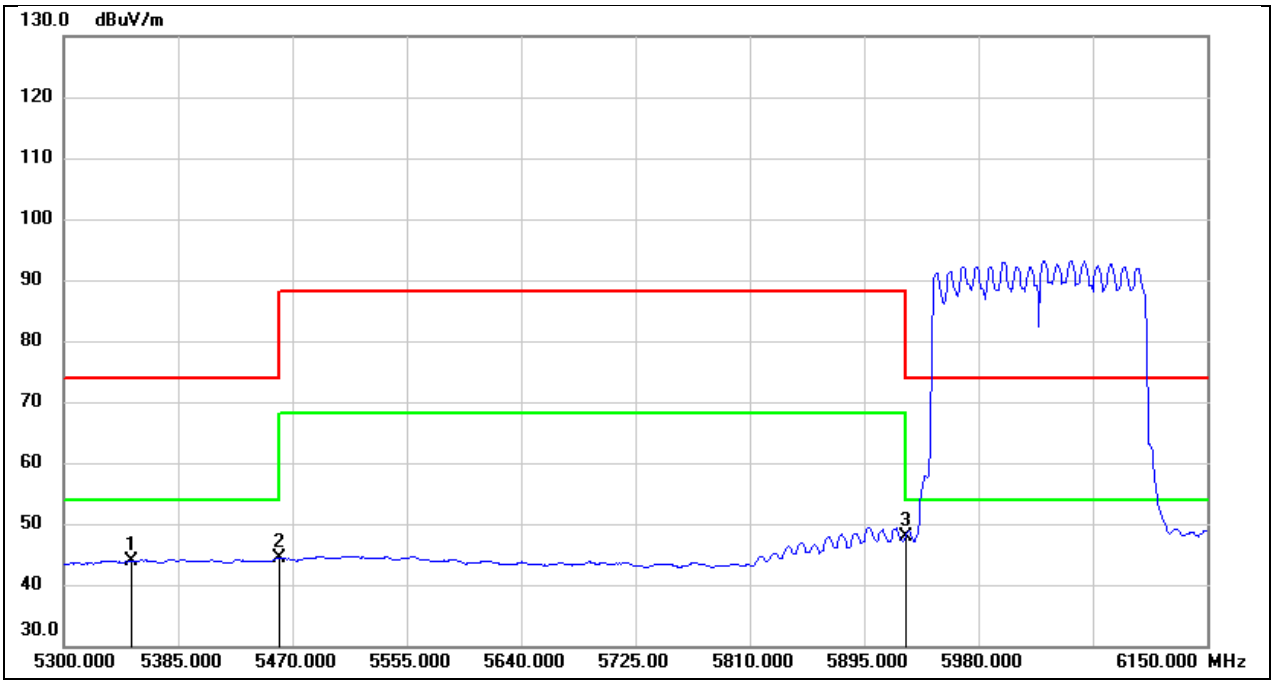
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	25.65	21.90	47.55	68.20	-20.65	AVG
2	7250.000	25.28	21.93	47.21	54.00	-6.79	AVG
3	7750.000	24.96	24.42	49.38	54.00	-4.62	AVG

Test Mode:	802.11ax HE160 PK	Frequency(MHz):	6025
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



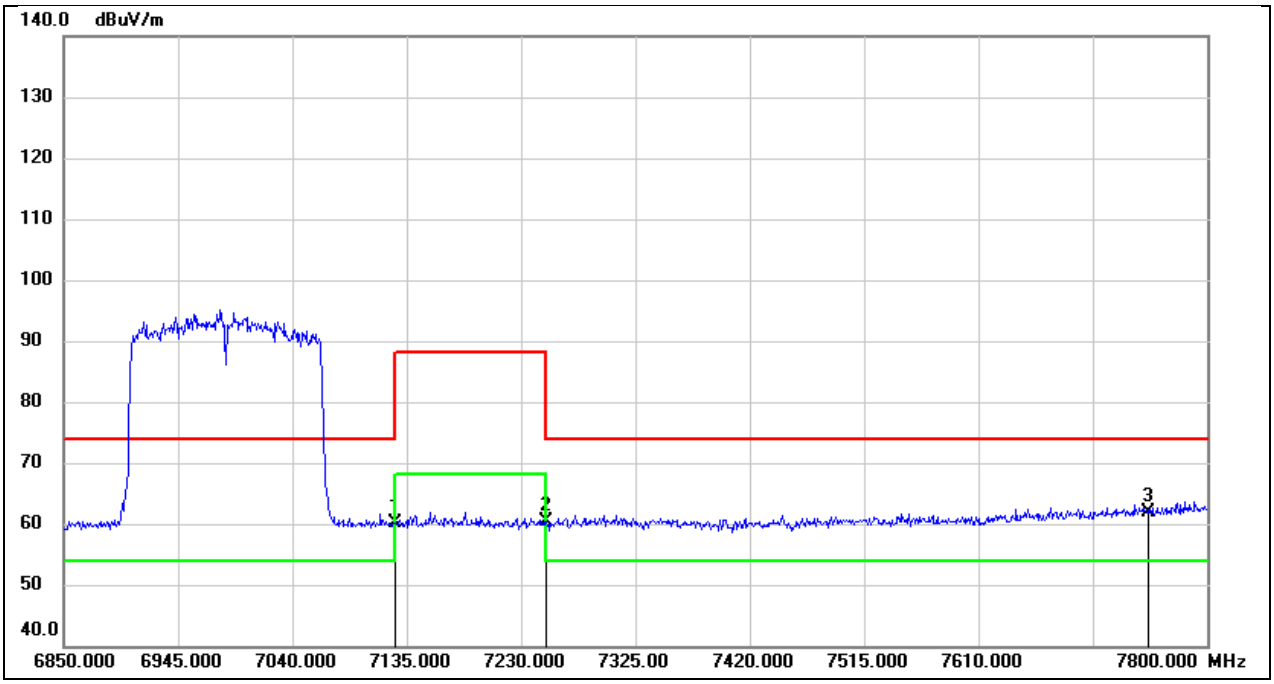
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	37.25	19.67	56.92	74.00	-17.08	peak
2	5460.000	36.21	20.11	56.32	74.00	-17.68	peak
3	5925.000	40.36	20.11	60.47	74.00	-13.53	peak

Test Mode:	802.11ax HE160 AV	Frequency(MHz):	6025
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



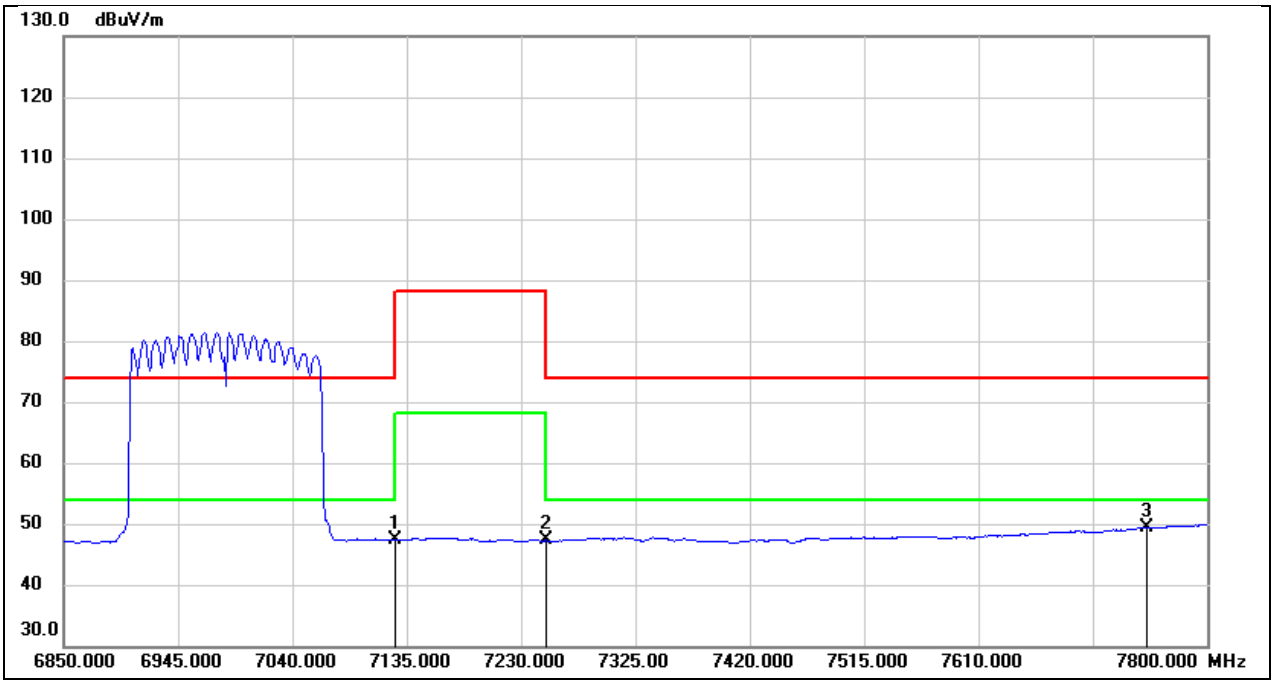
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	24.17	19.67	43.84	54.00	-10.16	AVG
2	5460.000	24.23	20.11	44.34	54.00	-9.66	AVG
3	5925.000	27.83	20.11	47.94	54.00	-6.06	AVG

Test Mode:	802.11ax HE160 PK	Frequency(MHz):	6985
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	38.26	21.90	60.16	88.20	-28.04	peak
2	7250.000	38.51	21.93	60.44	74.00	-13.56	peak
3	7750.000	37.45	24.42	61.87	74.00	-12.13	peak

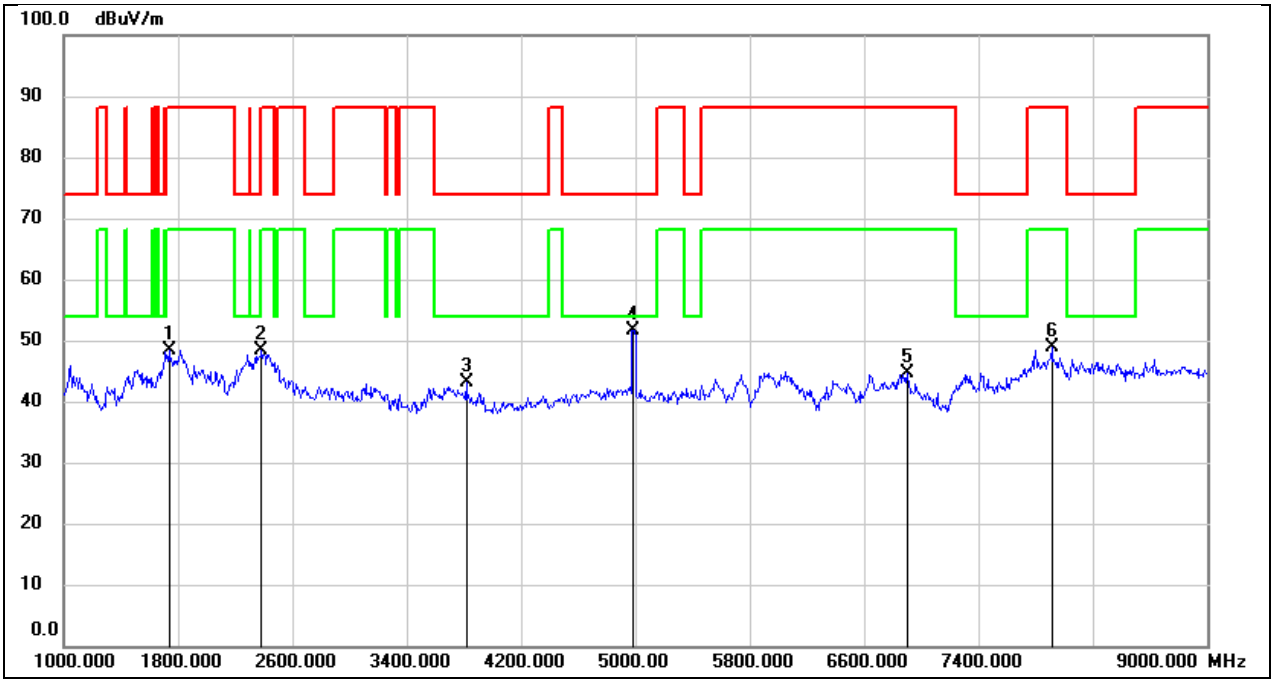
Test Mode:	802.11ax HE160 AV	Frequency(MHz):	6985
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	25.57	21.90	47.47	68.20	-20.73	AVG
2	7250.000	25.36	21.93	47.29	54.00	-6.71	AVG
3	7750.000	24.99	24.42	49.41	54.00	-4.59	AVG

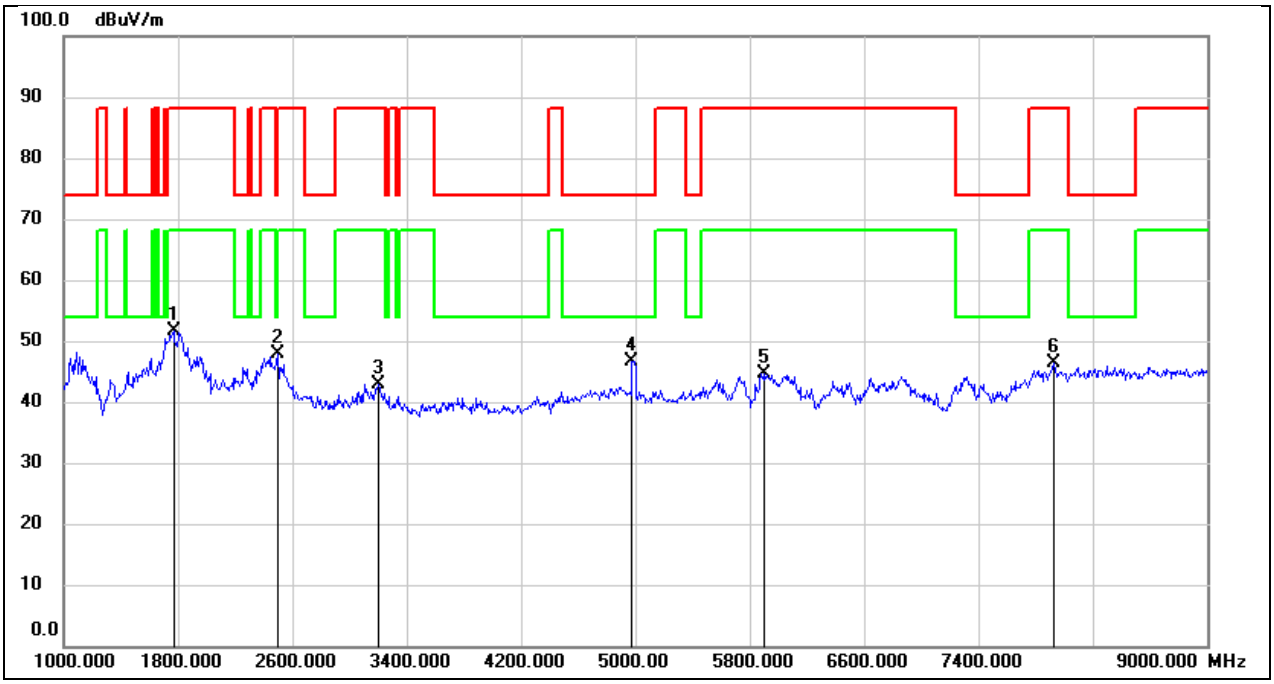
8.2. SPURIOUS EMISSIONS(1 GHZ~9 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5955
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



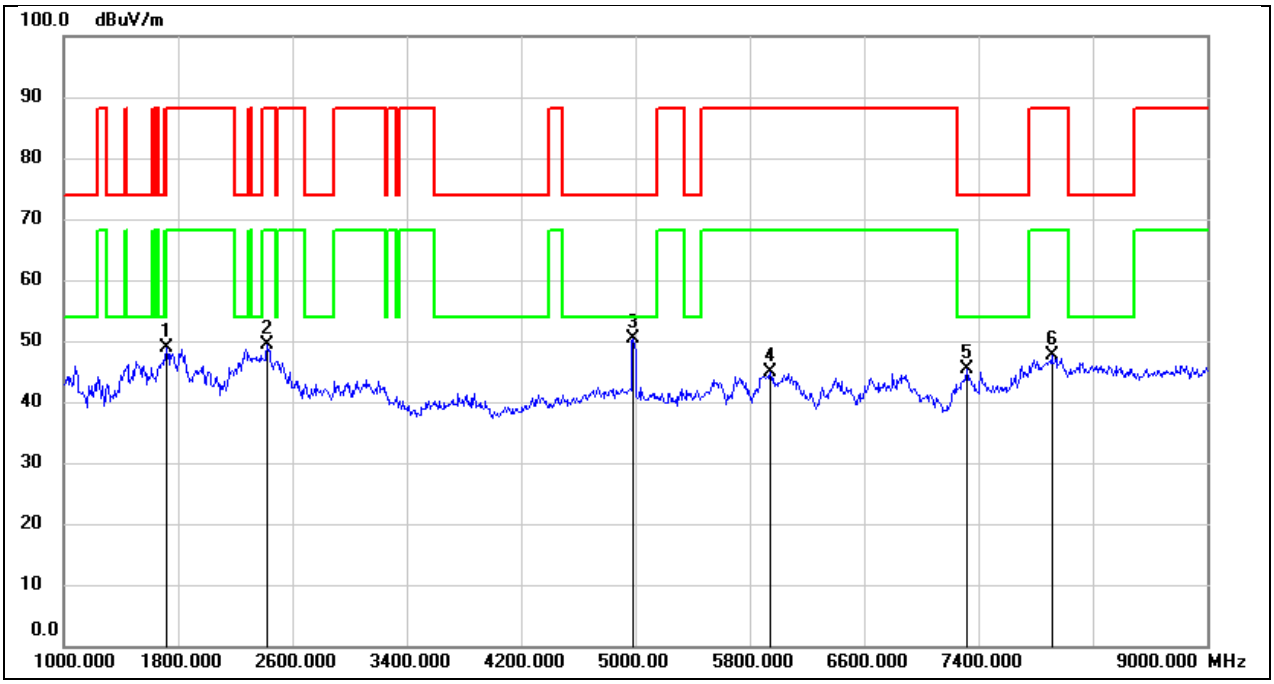
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1736.000	58.92	-10.51	48.41	88.20	-39.79	peak
2	2384.000	57.02	-8.70	48.32	74.00	-25.68	peak
3	3816.000	46.07	-2.83	43.24	74.00	-30.76	peak
4	4984.000	49.91	1.82	51.73	74.00	-22.27	peak
5	6904.000	37.99	6.61	44.60	88.20	-43.60	peak
6	7912.000	40.69	8.26	48.95	88.20	-39.25	peak

Test Mode:	802.11a 20	Frequency(MHz):	5955
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



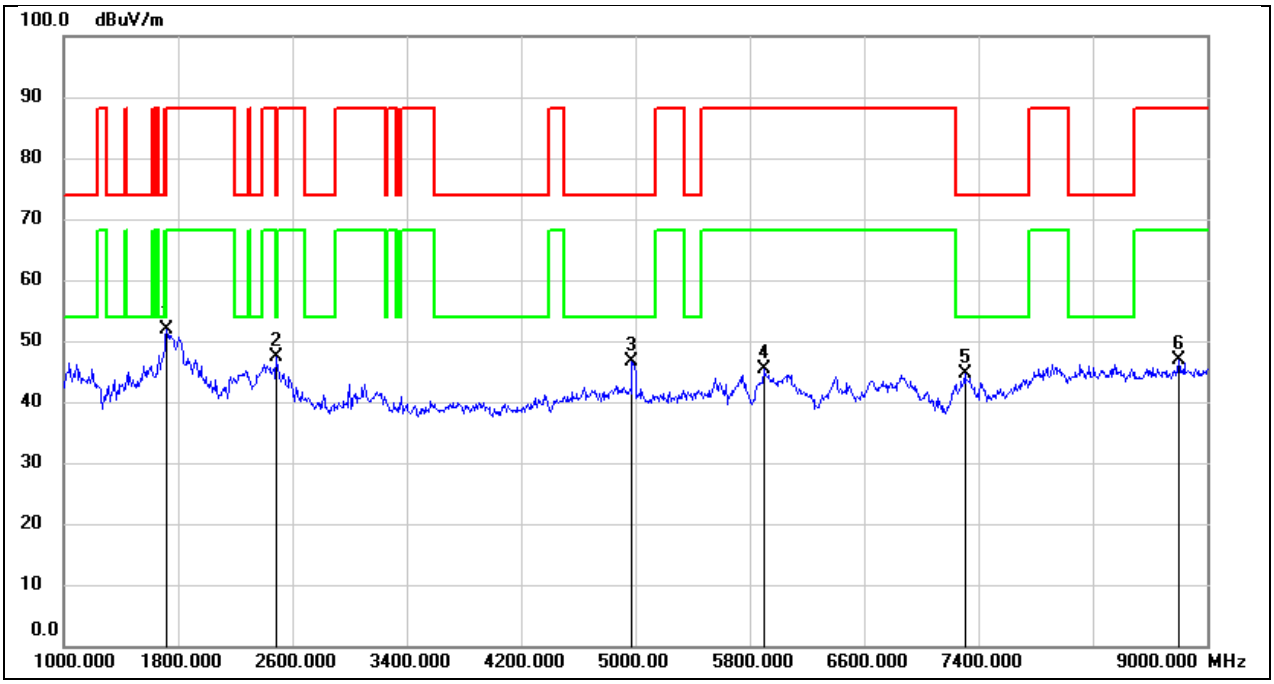
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1768.000	61.83	-10.30	51.53	88.20	-36.67	peak
2	2496.000	56.10	-8.22	47.88	74.00	-26.12	peak
3	3200.000	48.08	-5.19	42.89	88.20	-45.31	peak
4	4976.000	44.86	1.79	46.65	74.00	-27.35	peak
5	5896.000	39.72	4.86	44.58	88.20	-43.62	peak
6	7928.000	37.97	8.29	46.26	88.20	-41.94	peak

Test Mode:	802.11a 20	Frequency(MHz):	6175
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



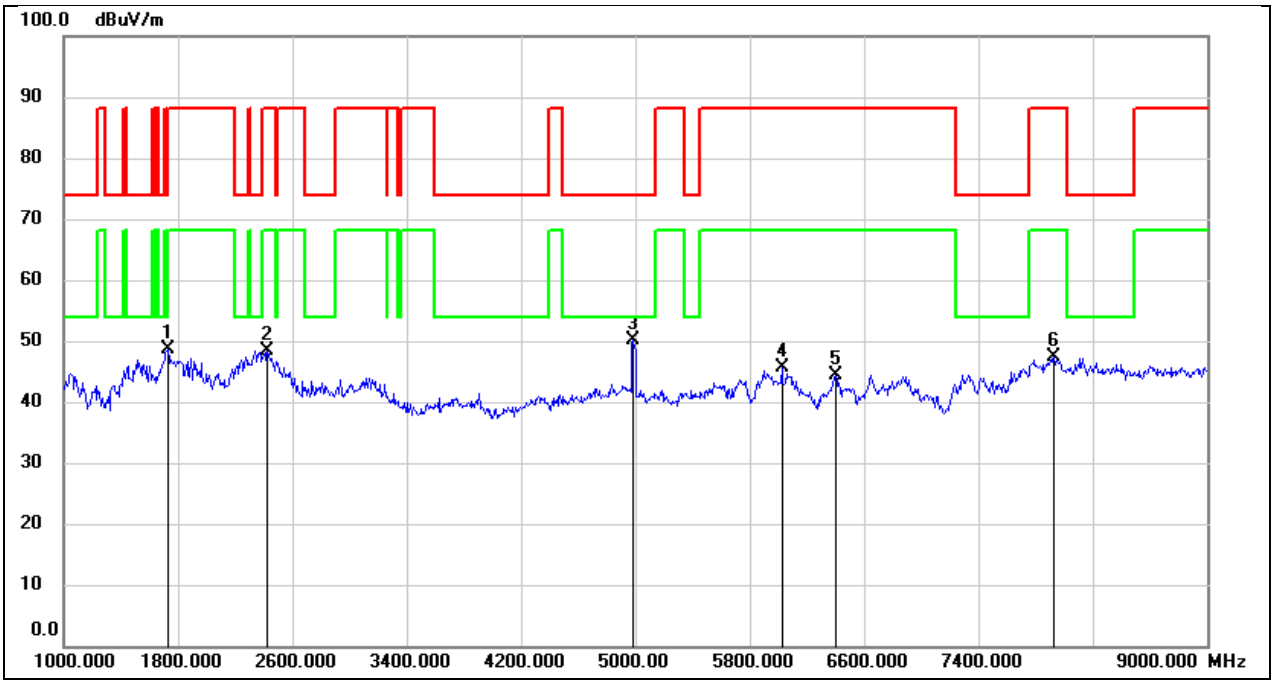
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1720.000	59.45	-10.62	48.83	74.00	-25.17	peak
2	2424.000	57.79	-8.53	49.26	88.20	-38.94	peak
3	4984.000	48.45	1.82	50.27	74.00	-23.73	peak
4	5944.000	39.70	5.13	44.83	88.20	-43.37	peak
5	7320.000	38.61	6.86	45.47	74.00	-28.53	peak
6	7912.000	39.28	8.26	47.54	88.20	-40.66	peak

Test Mode:	802.11a 20	Frequency(MHz):	6175
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



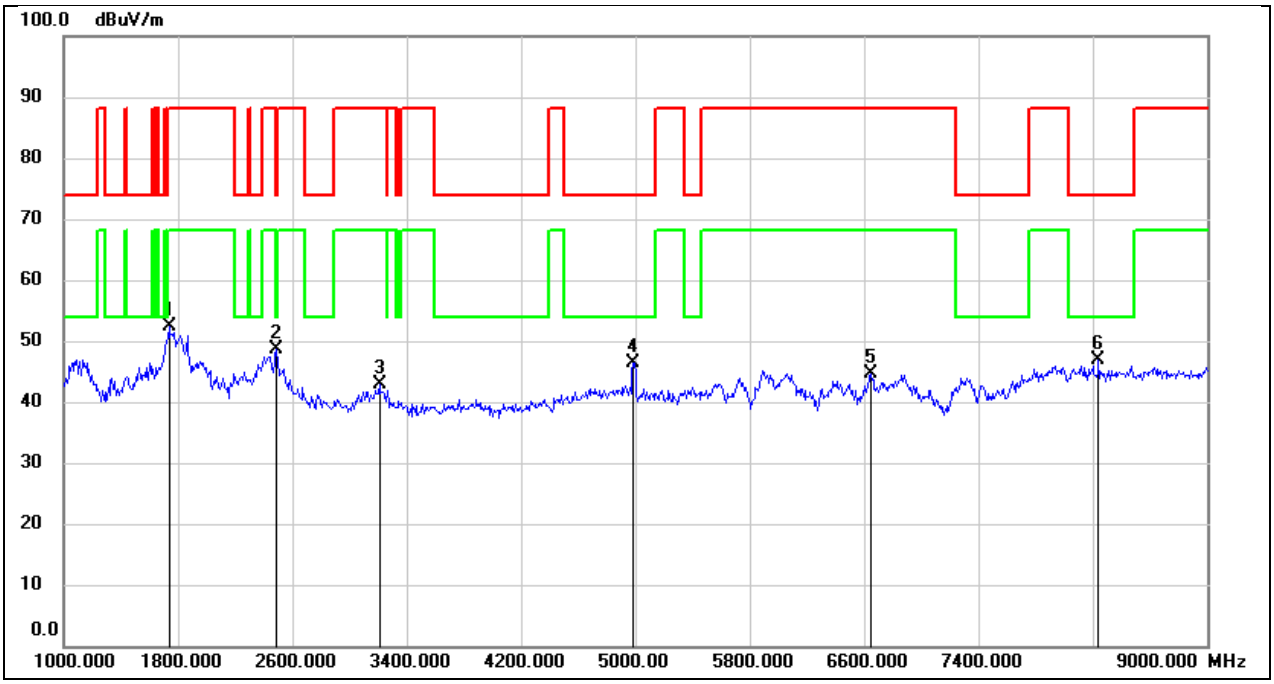
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1720.000	62.43	-10.62	51.81	74.00	-22.19	peak
2	2488.000	55.69	-8.26	47.43	74.00	-26.57	peak
3	4976.000	44.72	1.79	46.51	74.00	-27.49	peak
4	5896.000	40.50	4.86	45.36	88.20	-42.84	peak
5	7304.000	37.86	6.84	44.70	74.00	-29.30	peak
6	8800.000	37.32	9.54	46.86	88.20	-41.34	peak

Test Mode:	802.11a 20	Frequency(MHz):	6415
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



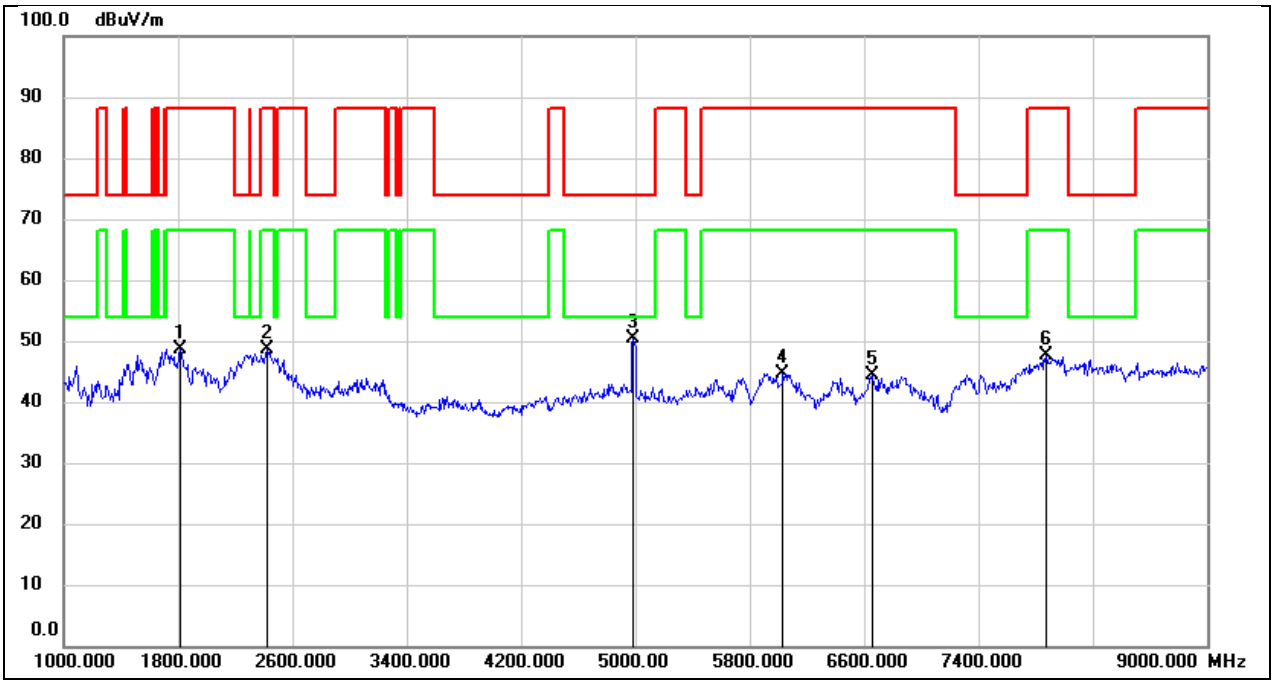
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1728.000	59.11	-10.56	48.55	88.20	-39.65	peak
2	2424.000	56.86	-8.53	48.33	88.20	-39.87	peak
3	4984.000	48.42	1.82	50.24	74.00	-23.76	peak
4	6024.000	39.99	5.53	45.52	88.20	-42.68	peak
5	6400.000	38.58	5.75	44.33	88.20	-43.87	peak
6	7928.000	39.12	8.29	47.41	88.20	-40.79	peak

Test Mode:	802.11a 20	Frequency(MHz):	6415
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



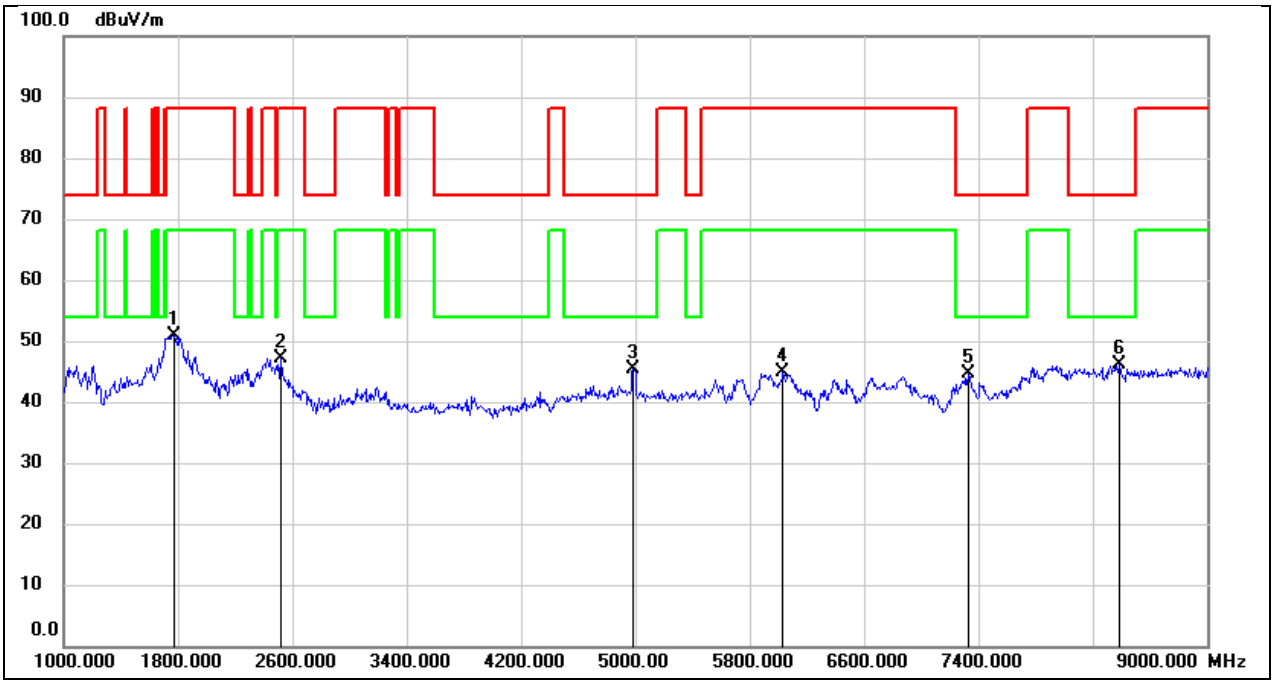
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1736.000	62.78	-10.51	52.27	88.20	-35.93	peak
2	2488.000	56.78	-8.26	48.52	74.00	-25.48	peak
3	3208.000	48.13	-5.16	42.97	88.20	-45.23	peak
4	4984.000	44.67	1.82	46.49	74.00	-27.51	peak
5	6648.000	38.28	6.24	44.52	88.20	-43.68	peak
6	8240.000	38.12	8.71	46.83	74.00	-27.17	peak

Test Mode:	802.11a 20	Frequency(MHz):	6435
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



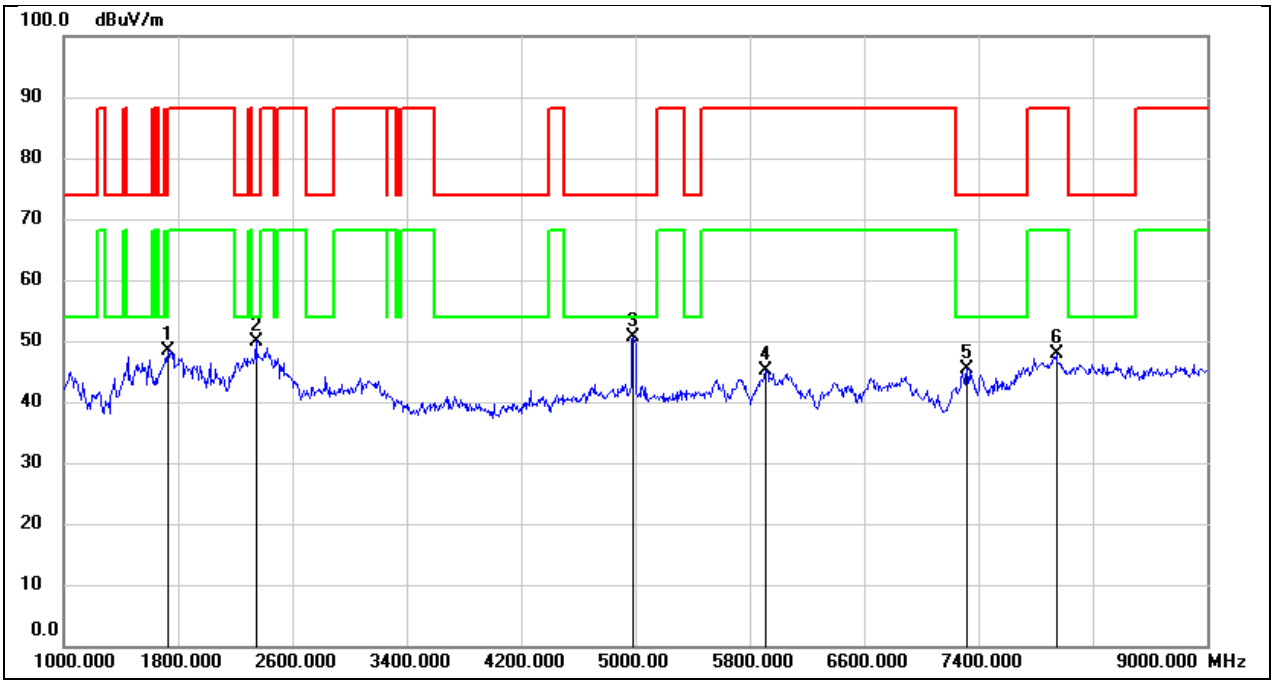
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1816.000	58.73	-10.10	48.63	88.20	-39.57	peak
2	2424.000	57.19	-8.53	48.66	88.20	-39.54	peak
3	4984.000	48.52	1.82	50.34	74.00	-23.66	peak
4	6032.000	39.08	5.57	44.65	88.20	-43.55	peak
5	6656.000	38.11	6.26	44.37	88.20	-43.83	peak
6	7872.000	39.50	8.20	47.70	88.20	-40.50	peak

Test Mode:	802.11a 20	Frequency(MHz):	6435
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



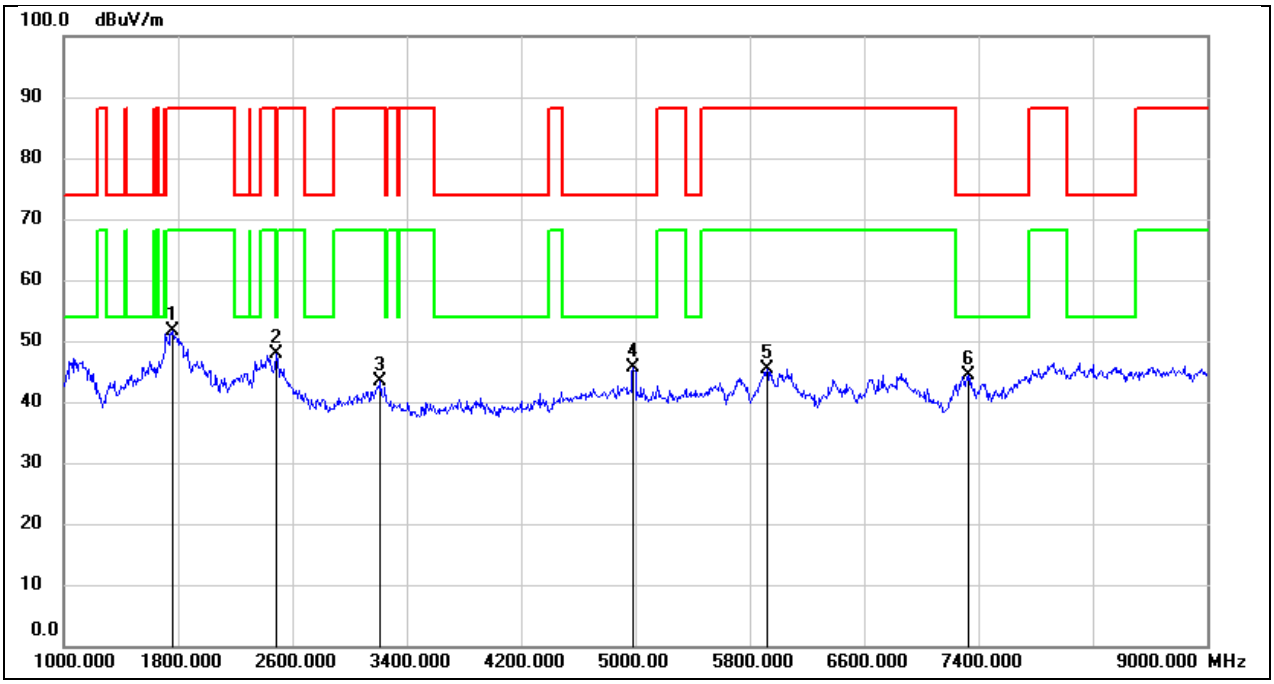
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1768.000	61.23	-10.30	50.93	88.20	-37.27	peak
2	2520.000	55.37	-8.13	47.24	88.20	-40.96	peak
3	4984.000	43.52	1.82	45.34	74.00	-28.66	peak
4	6032.000	39.29	5.57	44.86	88.20	-43.34	peak
5	7328.000	37.65	6.87	44.52	74.00	-29.48	peak
6	8384.000	37.26	8.84	46.10	74.00	-27.90	peak

Test Mode:	802.11a 20	Frequency(MHz):	6475
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



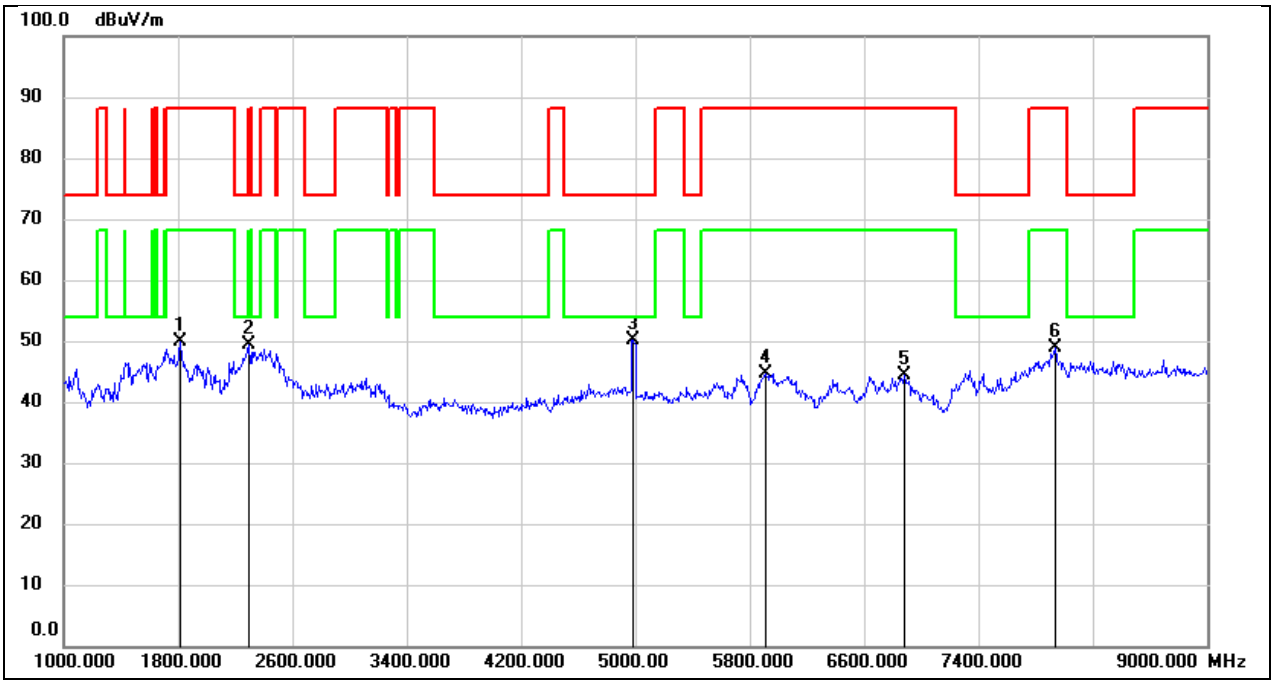
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1728.000	58.99	-10.56	48.43	88.20	-39.77	peak
2	2344.000	58.85	-8.85	50.00	74.00	-24.00	peak
3	4984.000	48.73	1.82	50.55	74.00	-23.45	peak
4	5912.000	40.20	4.96	45.16	88.20	-43.04	peak
5	7320.000	38.49	6.86	45.35	74.00	-28.65	peak
6	7944.000	39.64	8.32	47.96	88.20	-40.24	peak

Test Mode:	802.11a 20	Frequency(MHz):	6475
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



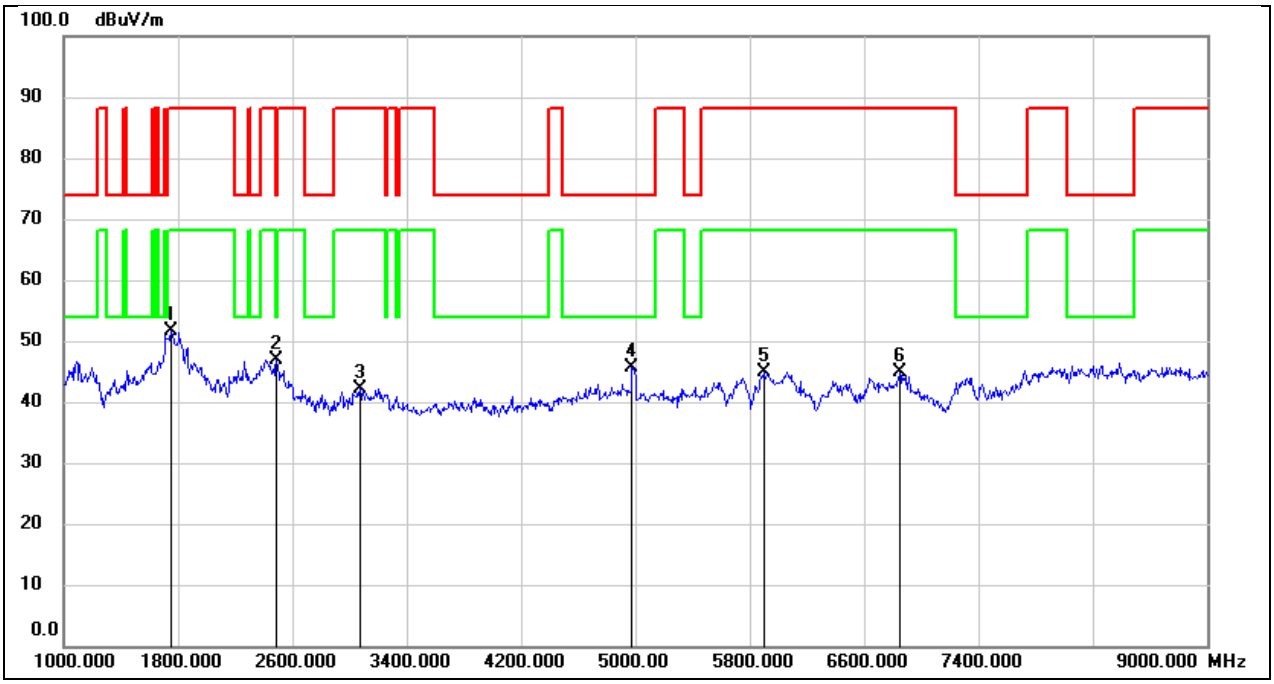
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1760.000	62.04	-10.35	51.69	88.20	-36.51	peak
2	2488.000	56.19	-8.26	47.93	74.00	-26.07	peak
3	3216.000	48.50	-5.11	43.39	88.20	-44.81	peak
4	4984.000	43.82	1.82	45.64	74.00	-28.36	peak
5	5920.000	40.45	5.00	45.45	88.20	-42.75	peak
6	7328.000	37.61	6.87	44.48	74.00	-29.52	peak

Test Mode:	802.11a 20	Frequency(MHz):	6515
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



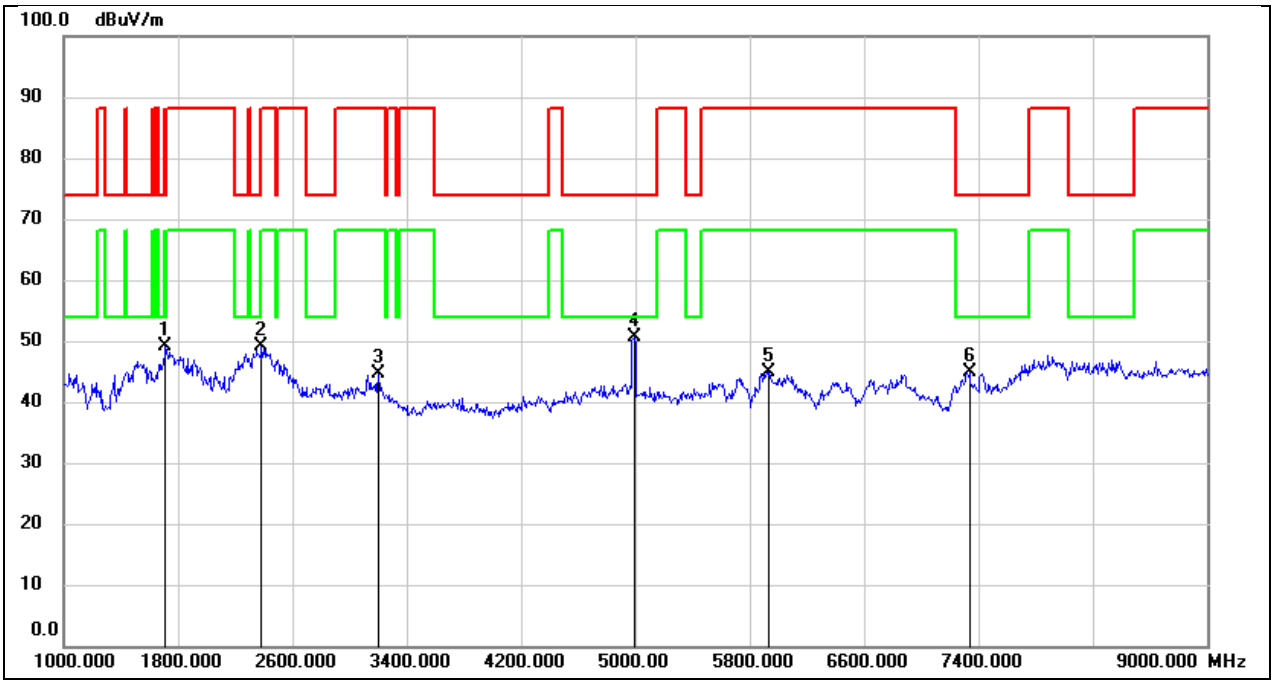
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1816.000	59.91	-10.10	49.81	88.20	-38.39	peak
2	2296.000	58.34	-9.06	49.28	74.00	-24.72	peak
3	4984.000	48.39	1.82	50.21	74.00	-23.79	peak
4	5912.000	39.76	4.96	44.72	88.20	-43.48	peak
5	6880.000	37.84	6.62	44.46	88.20	-43.74	peak
6	7936.000	40.60	8.31	48.91	88.20	-39.29	peak

Test Mode:	802.11a 20	Frequency(MHz):	6515
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



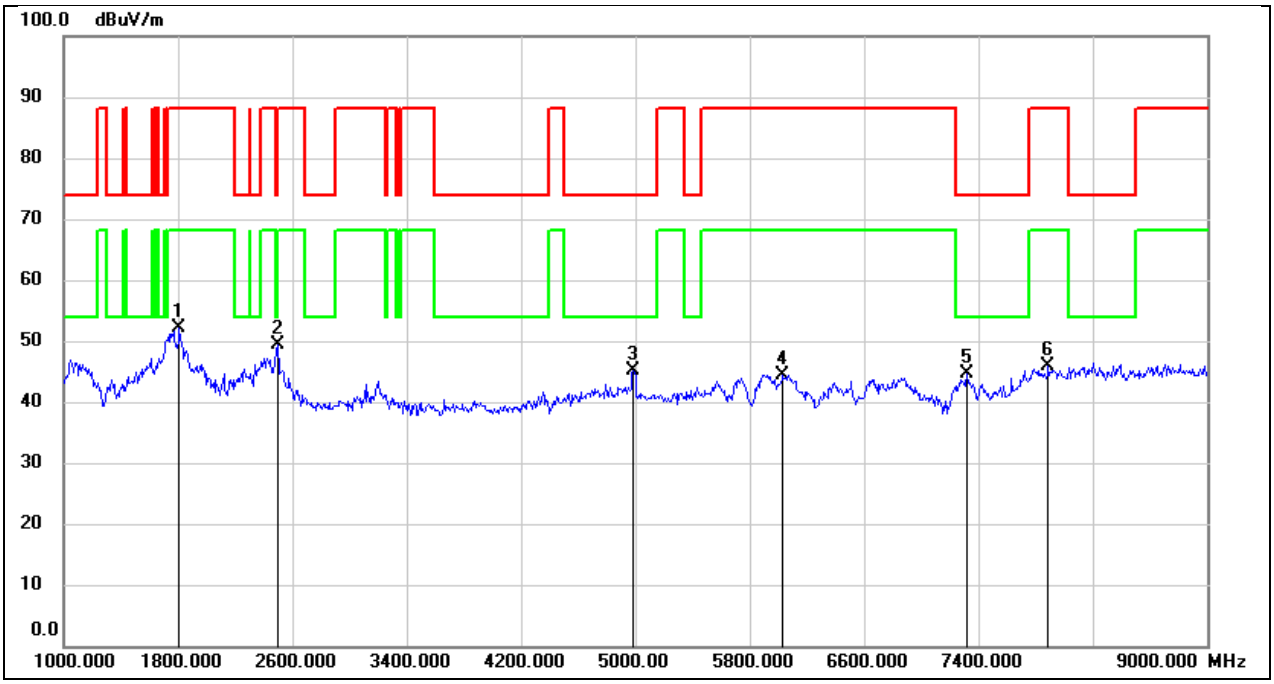
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1752.000	62.04	-10.41	51.63	88.20	-36.57	peak
2	2488.000	55.23	-8.26	46.97	74.00	-27.03	peak
3	3072.000	48.09	-5.84	42.25	88.20	-45.95	peak
4	4976.000	43.91	1.79	45.70	74.00	-28.30	peak
5	5896.000	40.08	4.86	44.94	88.20	-43.26	peak
6	6848.000	38.21	6.65	44.86	88.20	-43.34	peak

Test Mode:	802.11a 20	Frequency(MHz):	6535
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



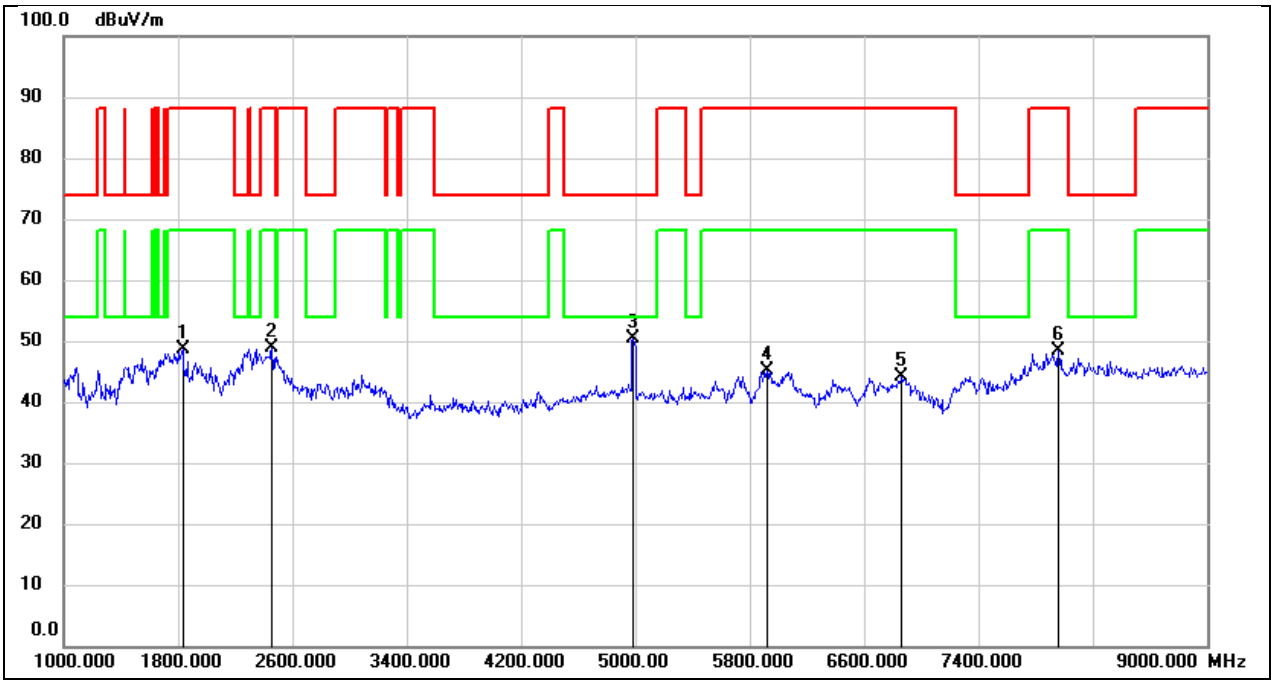
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1712.000	59.71	-10.67	49.04	88.20	-39.16	peak
2	2384.000	57.79	-8.70	49.09	74.00	-24.91	peak
3	3200.000	49.81	-5.19	44.62	88.20	-43.58	peak
4	4992.000	48.83	1.87	50.70	74.00	-23.30	peak
5	5936.000	39.90	5.09	44.99	88.20	-43.21	peak
6	7336.000	38.06	6.87	44.93	74.00	-29.07	peak

Test Mode:	802.11a 20	Frequency(MHz):	6535
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



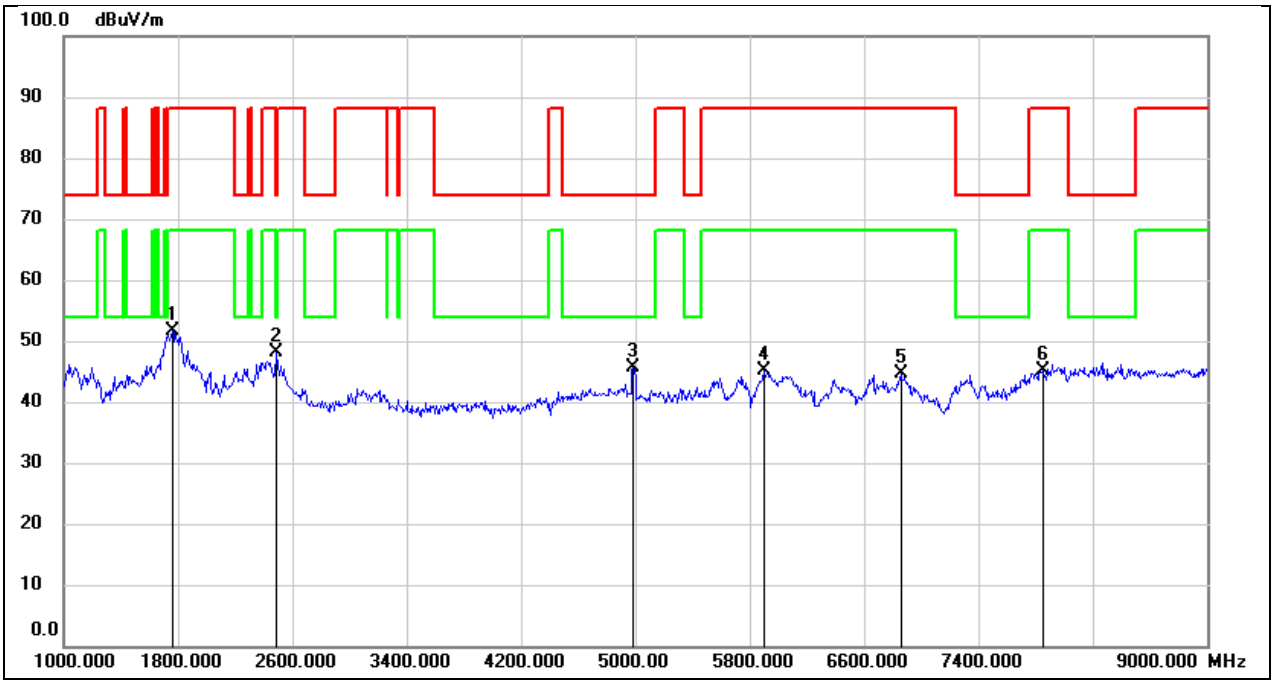
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1808.000	62.13	-10.09	52.04	88.20	-36.16	peak
2	2496.000	57.48	-8.22	49.26	74.00	-24.74	peak
3	4984.000	43.42	1.82	45.24	74.00	-28.76	peak
4	6032.000	38.90	5.57	44.47	88.20	-43.73	peak
5	7320.000	37.89	6.86	44.75	74.00	-29.25	peak
6	7888.000	37.60	8.23	45.83	88.20	-42.37	peak

Test Mode:	802.11a 20	Frequency(MHz):	6715
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



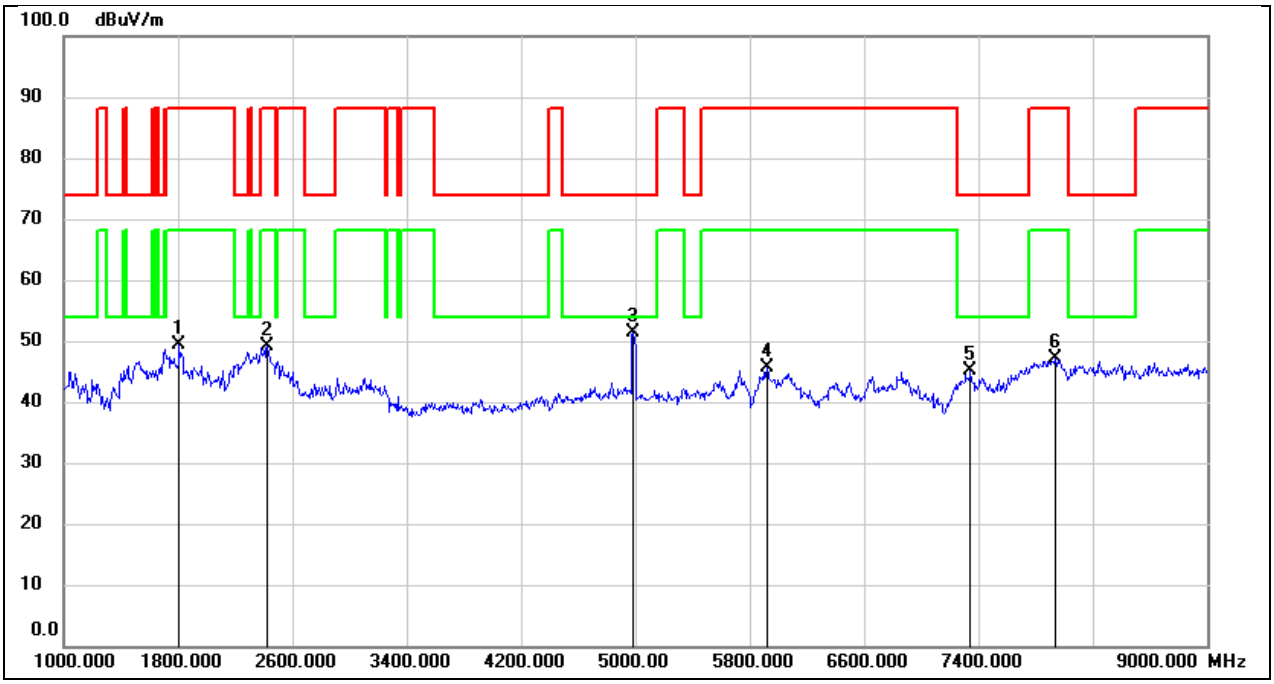
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1832.000	58.81	-10.11	48.70	88.20	-39.50	peak
2	2456.000	57.26	-8.40	48.86	88.20	-39.34	peak
3	4984.000	48.66	1.82	50.48	74.00	-23.52	peak
4	5920.000	40.08	5.00	45.08	88.20	-43.12	peak
5	6864.000	37.41	6.64	44.05	88.20	-44.15	peak
6	7960.000	39.91	8.35	48.26	88.20	-39.94	peak

Test Mode:	802.11a 20	Frequency(MHz):	6715
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



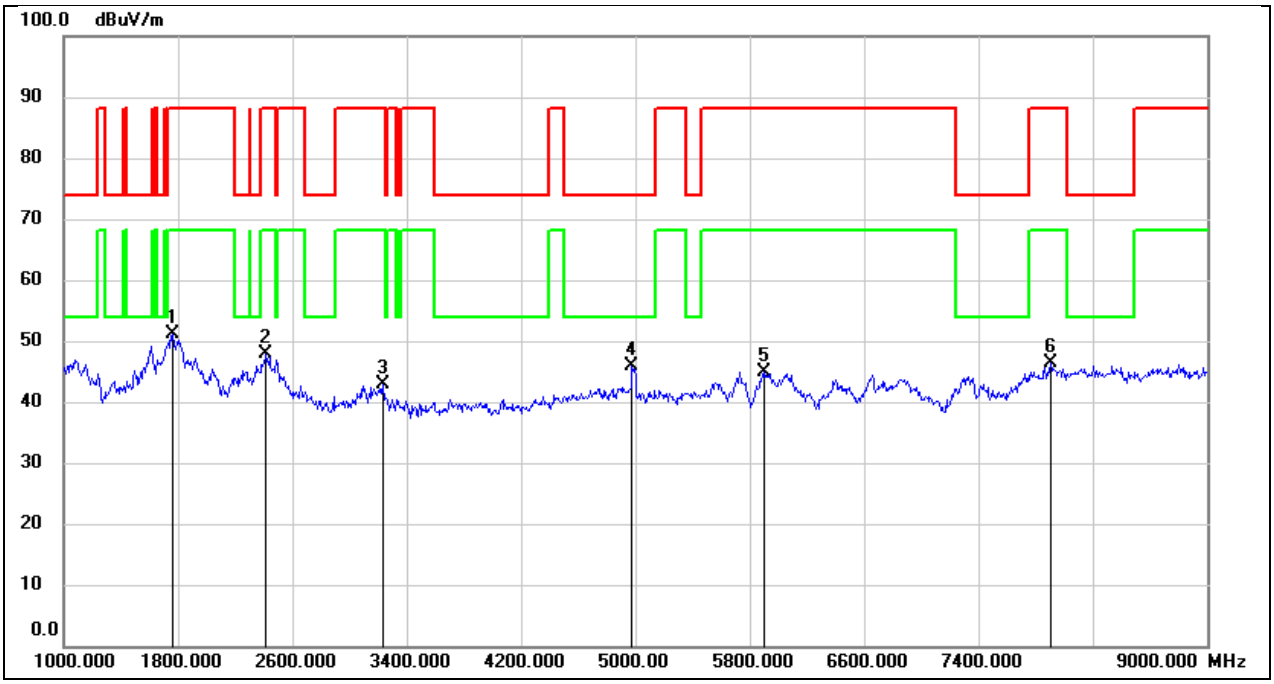
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1760.000	61.87	-10.35	51.52	88.20	-36.68	peak
2	2488.000	56.29	-8.26	48.03	74.00	-25.97	peak
3	4984.000	43.69	1.82	45.51	74.00	-28.49	peak
4	5896.000	40.26	4.86	45.12	88.20	-43.08	peak
5	6856.000	37.98	6.63	44.61	88.20	-43.59	peak
6	7848.000	37.03	8.15	45.18	88.20	-43.02	peak

Test Mode:	802.11a 20	Frequency(MHz):	6855
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



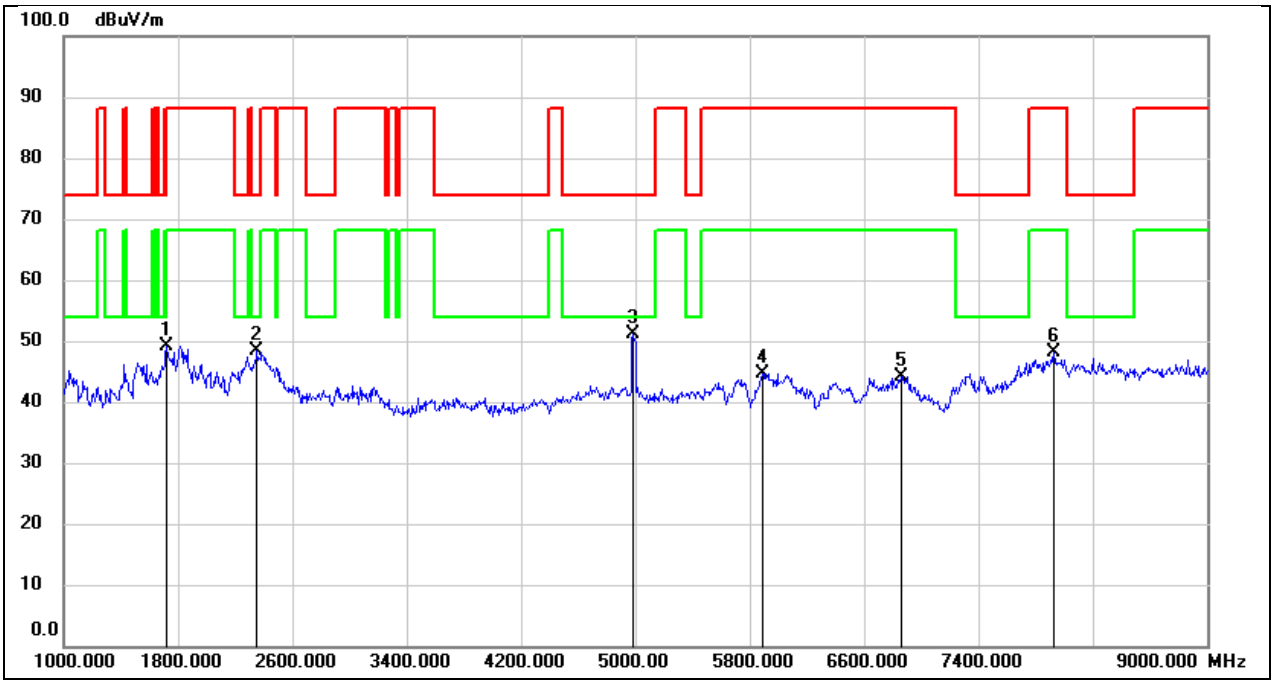
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1808.000	59.51	-10.09	49.42	88.20	-38.78	peak
2	2424.000	57.55	-8.53	49.02	88.20	-39.18	peak
3	4984.000	49.48	1.82	51.30	74.00	-22.70	peak
4	5920.000	40.57	5.00	45.57	88.20	-42.63	peak
5	7344.000	38.36	6.89	45.25	74.00	-28.75	peak
6	7936.000	38.74	8.31	47.05	88.20	-41.15	peak

Test Mode:	802.11a 20	Frequency(MHz):	6855
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



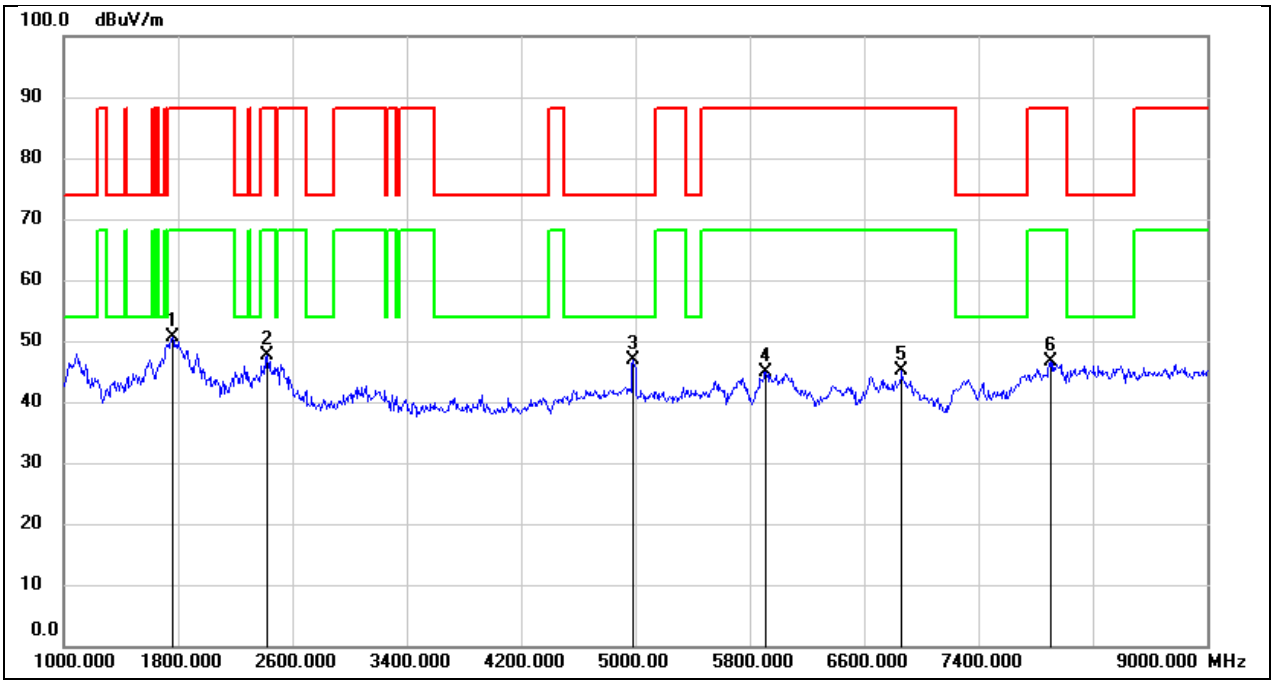
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1760.000	61.49	-10.35	51.14	88.20	-37.06	peak
2	2416.000	56.53	-8.56	47.97	88.20	-40.23	peak
3	3232.000	47.86	-5.03	42.83	88.20	-45.37	peak
4	4976.000	44.00	1.79	45.79	74.00	-28.21	peak
5	5904.000	40.01	4.92	44.93	88.20	-43.27	peak
6	7904.000	38.13	8.25	46.38	88.20	-41.82	peak

Test Mode:	802.11a 20	Frequency(MHz):	6875
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



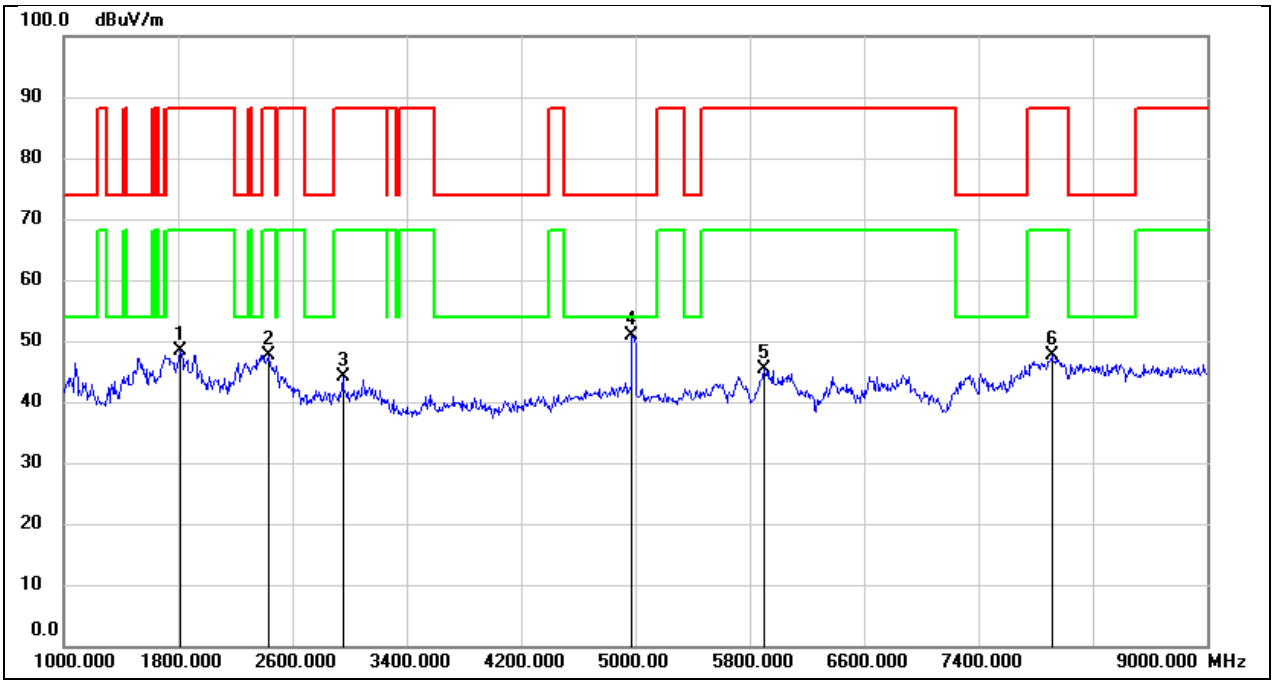
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1720.000	59.69	-10.62	49.07	74.00	-24.93	peak
2	2352.000	57.25	-8.84	48.41	74.00	-25.59	peak
3	4984.000	49.38	1.82	51.20	74.00	-22.80	peak
4	5888.000	39.88	4.82	44.70	88.20	-43.50	peak
5	6856.000	37.51	6.63	44.14	88.20	-44.06	peak
6	7928.000	39.80	8.29	48.09	88.20	-40.11	peak

Test Mode:	802.11a 20	Frequency(MHz):	6875
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



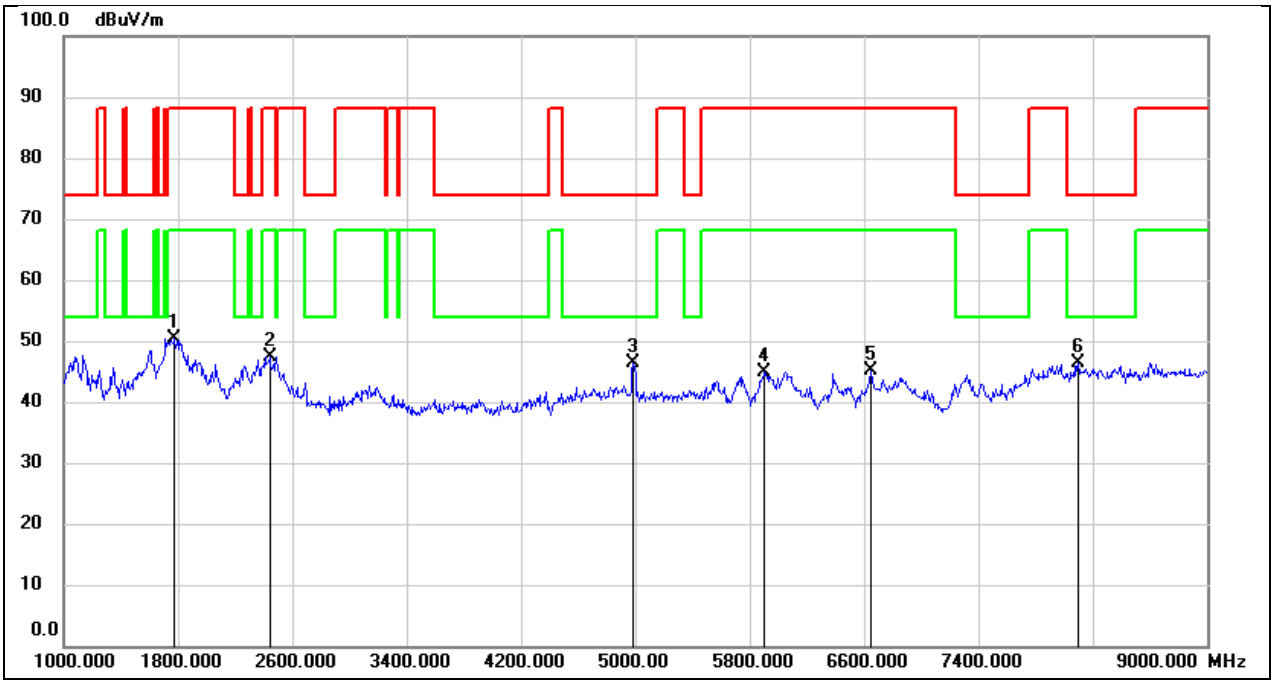
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1760.000	61.06	-10.35	50.71	88.20	-37.49	peak
2	2424.000	56.22	-8.53	47.69	88.20	-40.51	peak
3	4984.000	45.11	1.82	46.93	74.00	-27.07	peak
4	5912.000	40.01	4.96	44.97	88.20	-43.23	peak
5	6864.000	38.61	6.64	45.25	88.20	-42.95	peak
6	7904.000	38.26	8.25	46.51	88.20	-41.69	peak

Test Mode:	802.11a 20	Frequency(MHz):	7015
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



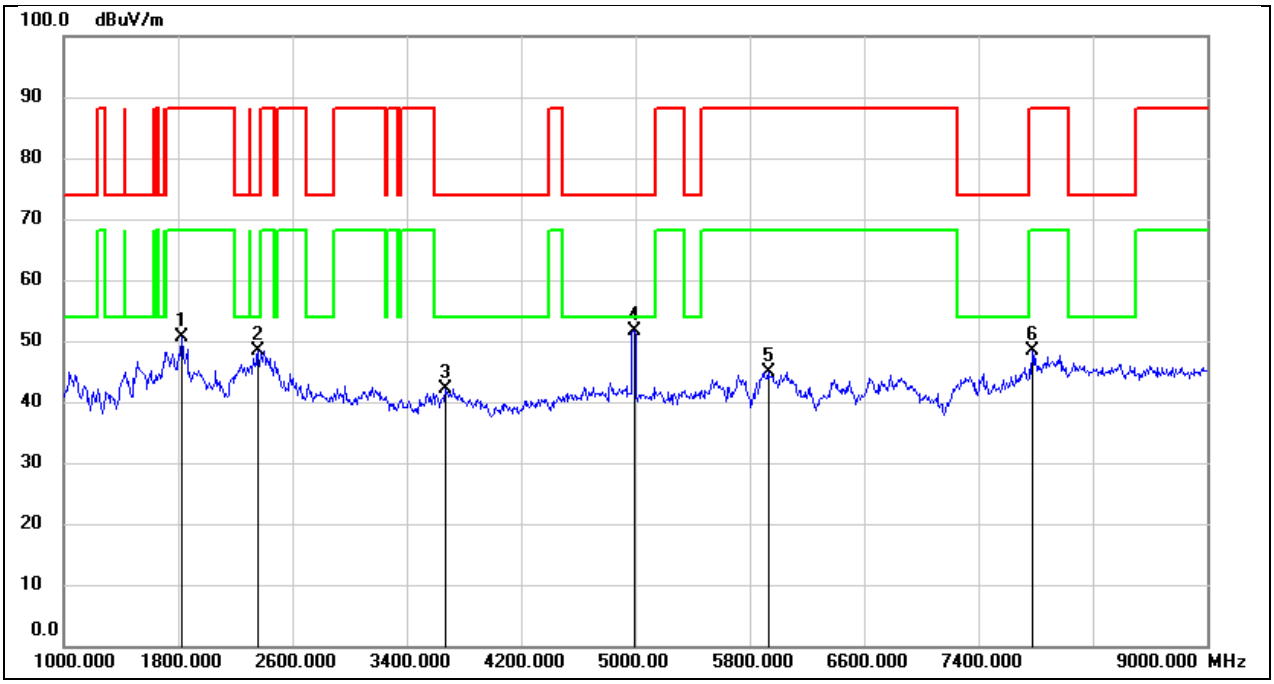
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1816.000	58.51	-10.10	48.41	88.20	-39.79	peak
2	2432.000	56.17	-8.49	47.68	88.20	-40.52	peak
3	2952.000	50.59	-6.41	44.18	88.20	-44.02	peak
4	4976.000	49.08	1.79	50.87	74.00	-23.13	peak
5	5896.000	40.51	4.86	45.37	88.20	-42.83	peak
6	7912.000	39.34	8.26	47.60	88.20	-40.60	peak

Test Mode:	802.11a 20	Frequency(MHz):	7015
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



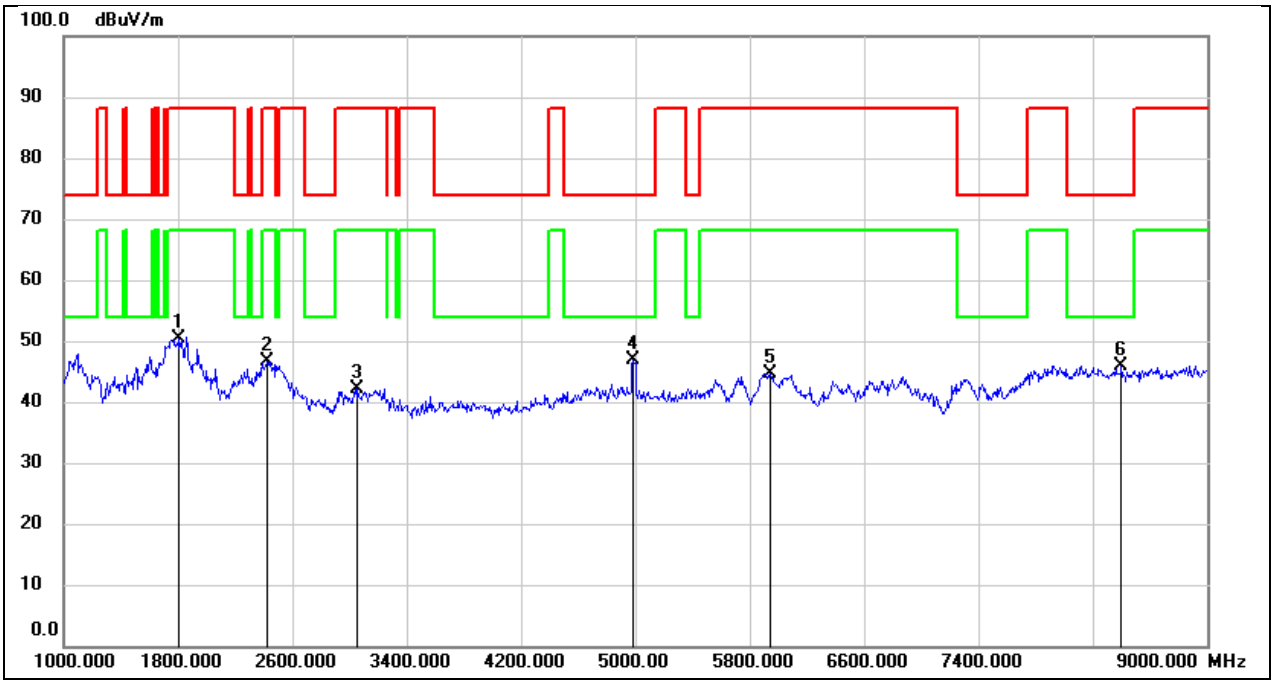
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1776.000	60.73	-10.23	50.50	88.20	-37.70	peak
2	2440.000	55.85	-8.46	47.39	88.20	-40.81	peak
3	4984.000	44.63	1.82	46.45	74.00	-27.55	peak
4	5904.000	39.94	4.92	44.86	88.20	-43.34	peak
5	6648.000	38.89	6.24	45.13	88.20	-43.07	peak
6	8096.000	37.76	8.55	46.31	74.00	-27.69	peak

Test Mode:	802.11a 20	Frequency(MHz):	7115
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1824.000	60.66	-10.11	50.55	88.20	-37.65	peak
2	2360.000	57.25	-8.80	48.45	74.00	-25.55	peak
3	3672.000	45.22	-3.14	42.08	74.00	-31.92	peak
4	4992.000	49.79	1.87	51.66	74.00	-22.34	peak
5	5928.000	39.84	5.05	44.89	88.20	-43.31	peak
6	7776.000	40.49	7.97	48.46	88.20	-39.74	peak

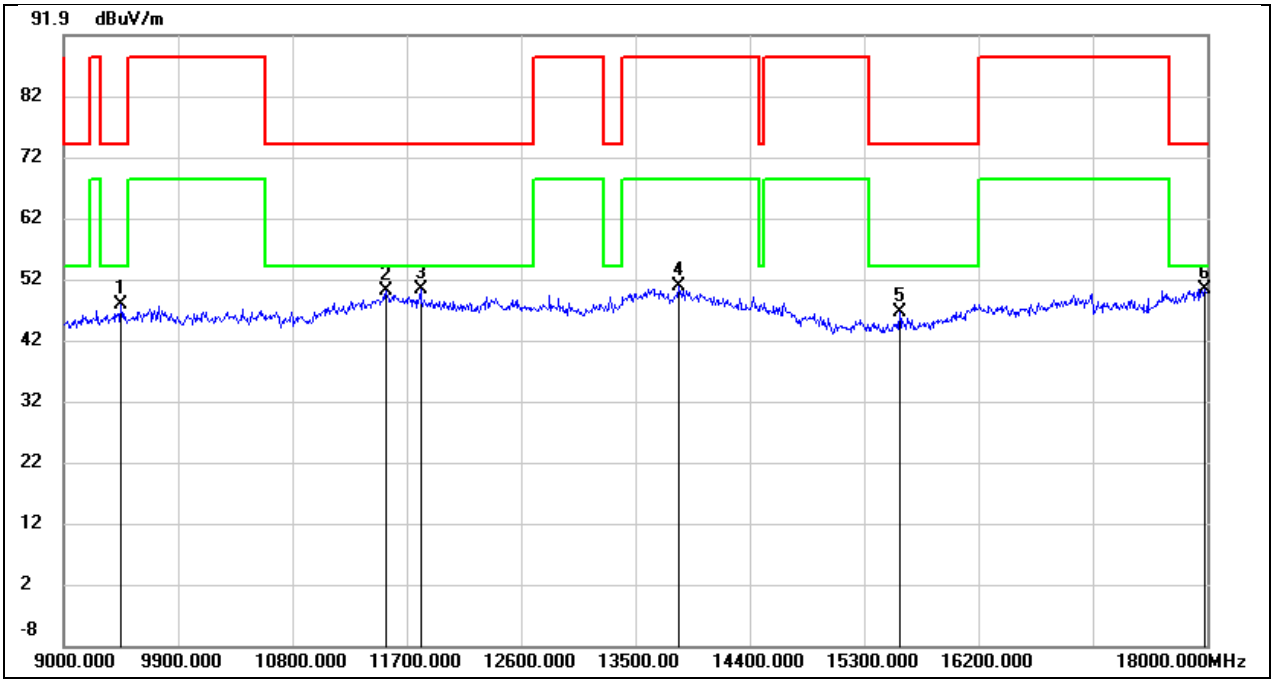
Test Mode:	802.11a 20	Frequency(MHz):	7115
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1808.000	60.35	-10.09	50.26	88.20	-37.94	peak
2	2424.000	55.28	-8.53	46.75	88.20	-41.45	peak
3	3056.000	48.11	-5.92	42.19	88.20	-46.01	peak
4	4984.000	45.02	1.82	46.84	74.00	-27.16	peak
5	5944.000	39.60	5.13	44.73	88.20	-43.47	peak
6	8400.000	36.96	8.86	45.82	74.00	-28.18	peak

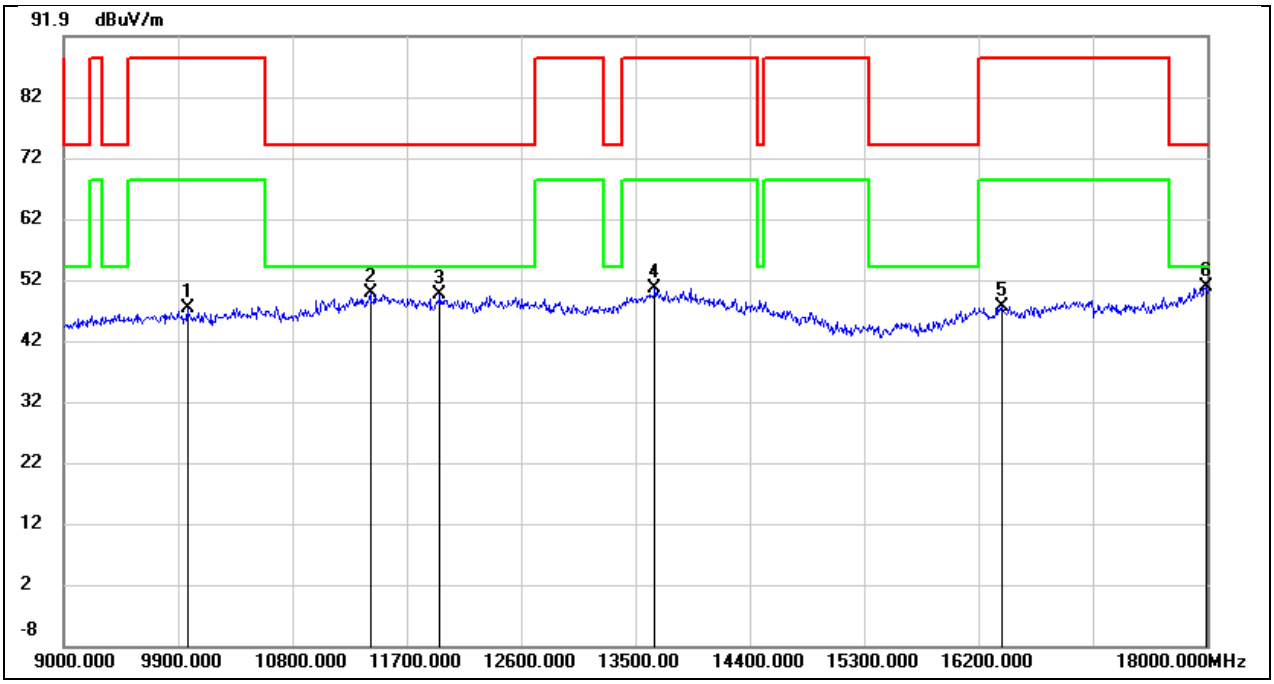
8.3. SPURIOUS EMISSIONS(9 GHZ~18 GHZ)

Test Mode:	802.11a 20	Frequency(MHz):	5955
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



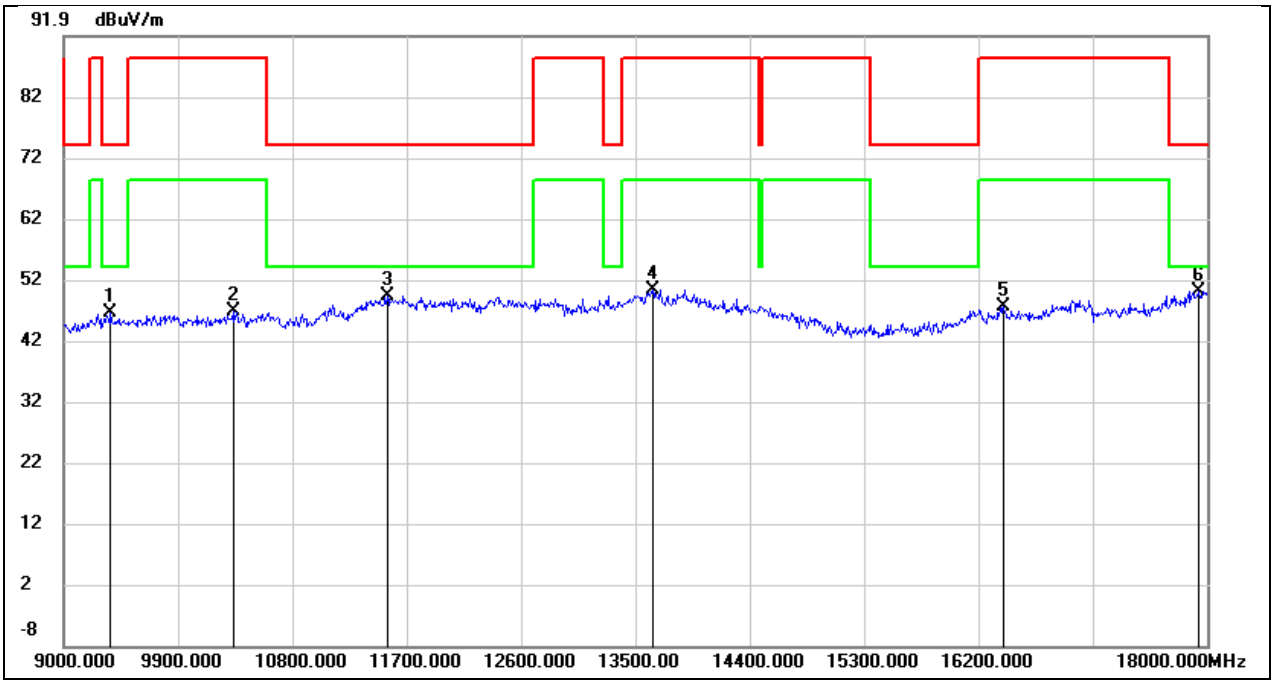
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9450.000	35.38	12.32	47.70	74.00	-26.30	peak
2	11538.000	31.95	18.00	49.95	74.00	-24.05	peak
3	11808.000	31.75	18.50	50.25	74.00	-23.75	peak
4	13842.000	27.66	23.17	50.83	88.20	-37.37	peak
5	15579.000	27.83	18.79	46.62	74.00	-27.38	peak
6	17982.000	22.30	27.96	50.26	74.00	-23.74	peak

Test Mode:	802.11a 20	Frequency(MHz):	5955
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



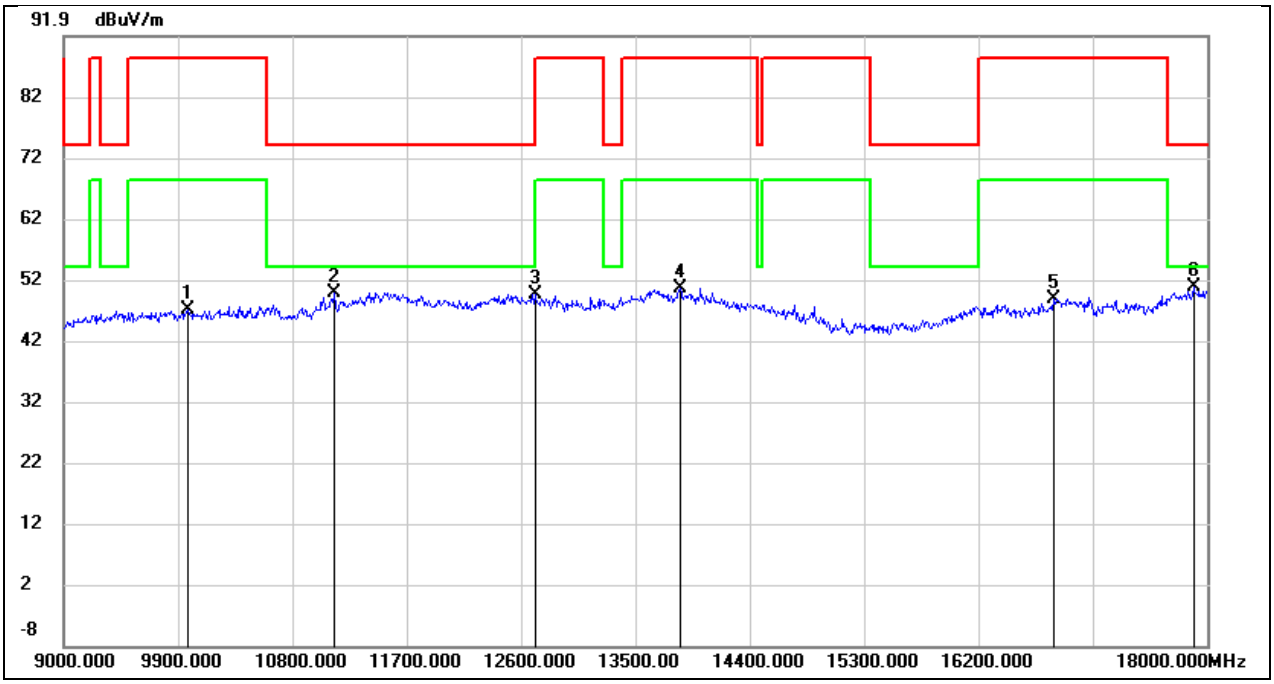
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9972.000	33.65	13.67	47.32	88.20	-40.88	peak
2	11412.000	32.30	17.37	49.67	74.00	-24.33	peak
3	11961.000	30.68	18.82	49.50	74.00	-24.50	peak
4	13653.000	27.73	22.87	50.60	88.20	-37.60	peak
5	16389.000	25.62	21.97	47.59	88.20	-40.61	peak
6	17991.000	22.79	28.02	50.81	74.00	-23.19	peak

Test Mode:	802.11a 20	Frequency(MHz):	6175
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



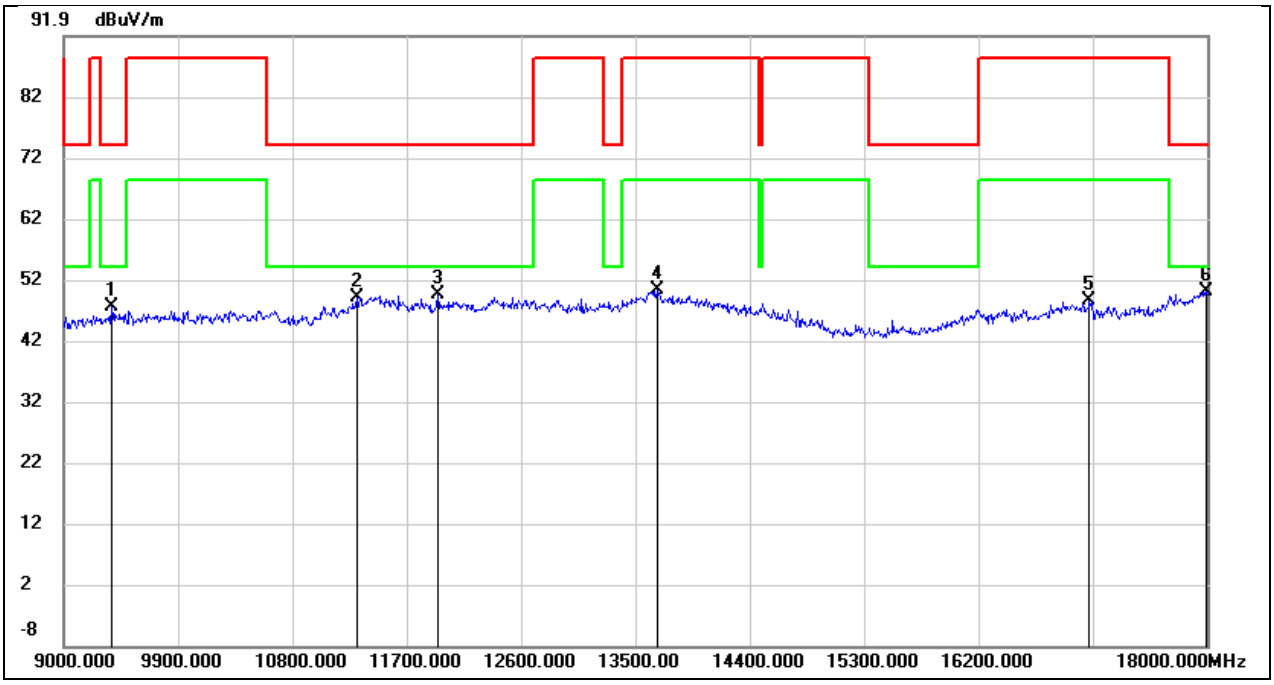
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9369.000	34.51	11.90	46.41	74.00	-27.59	peak
2	10332.000	32.78	14.10	46.88	88.20	-41.32	peak
3	11547.000	31.33	18.05	49.38	74.00	-24.62	peak
4	13635.000	27.47	22.85	50.32	88.20	-37.88	peak
5	16398.000	25.45	21.96	47.41	88.20	-40.79	peak
6	17937.000	22.50	27.59	50.09	74.00	-23.91	peak

Test Mode:	802.11a 20	Frequency(MHz):	6175
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



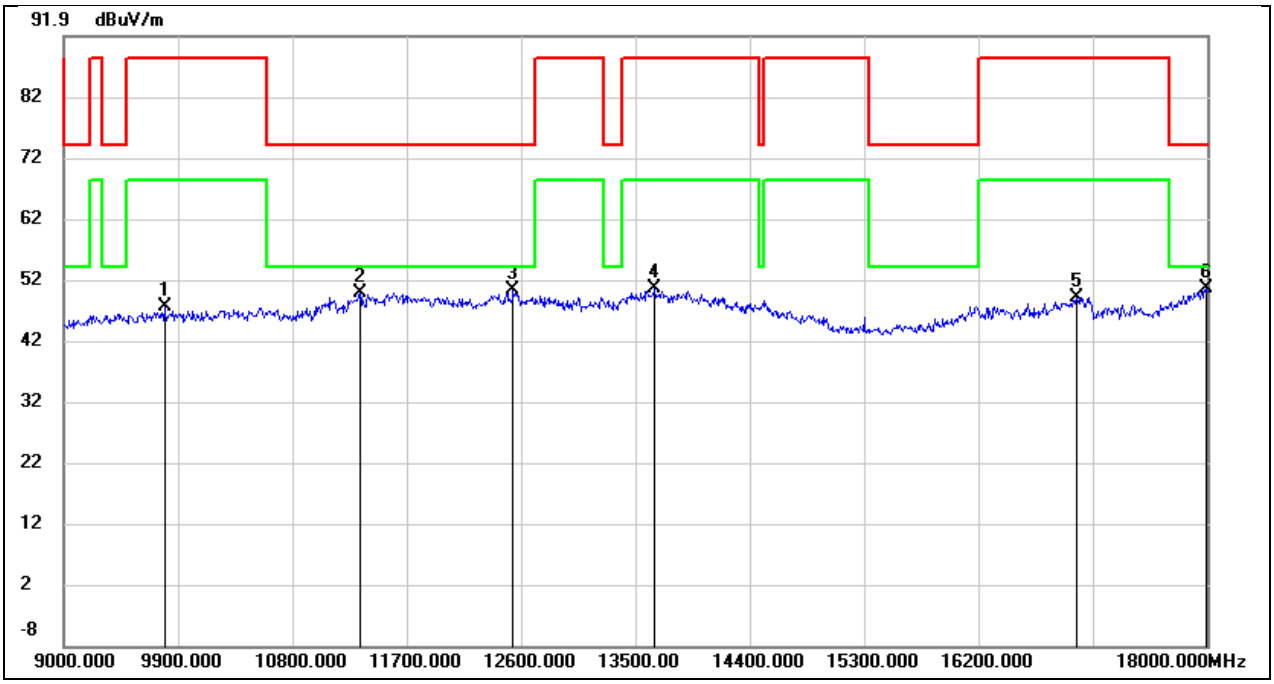
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9981.000	33.46	13.68	47.14	88.20	-41.06	peak
2	11133.000	33.40	16.30	49.70	74.00	-24.30	peak
3	12708.000	29.79	19.80	49.59	88.20	-38.61	peak
4	13851.000	27.33	23.20	50.53	88.20	-37.67	peak
5	16794.000	26.55	22.26	48.81	88.20	-39.39	peak
6	17892.000	23.61	27.22	50.83	74.00	-23.17	peak

Test Mode:	802.11a 20	Frequency(MHz):	6415
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



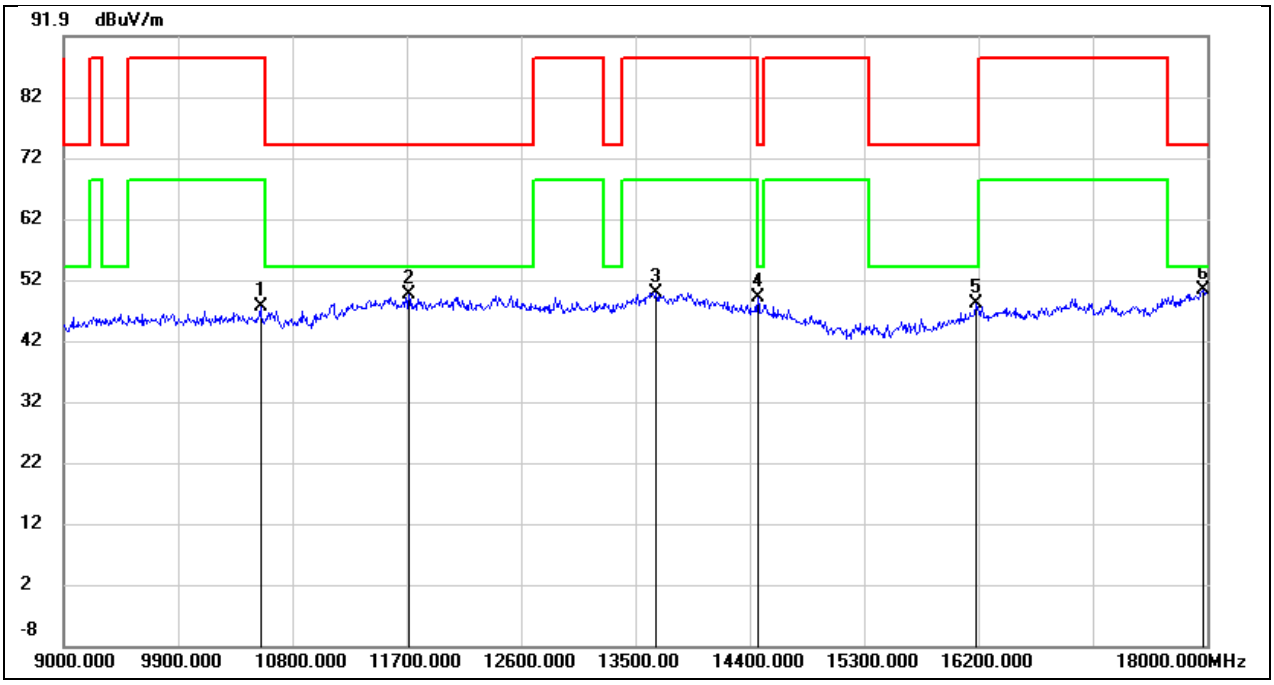
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9378.000	35.59	11.93	47.52	74.00	-26.48	peak
2	11304.000	32.17	16.93	49.10	74.00	-24.90	peak
3	11943.000	30.82	18.77	49.59	74.00	-24.41	peak
4	13671.000	27.43	22.91	50.34	88.20	-37.86	peak
5	17073.000	25.14	23.29	48.43	88.20	-39.77	peak
6	17991.000	22.02	28.02	50.04	74.00	-23.96	peak

Test Mode:	802.11a 20	Frequency(MHz):	6415
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



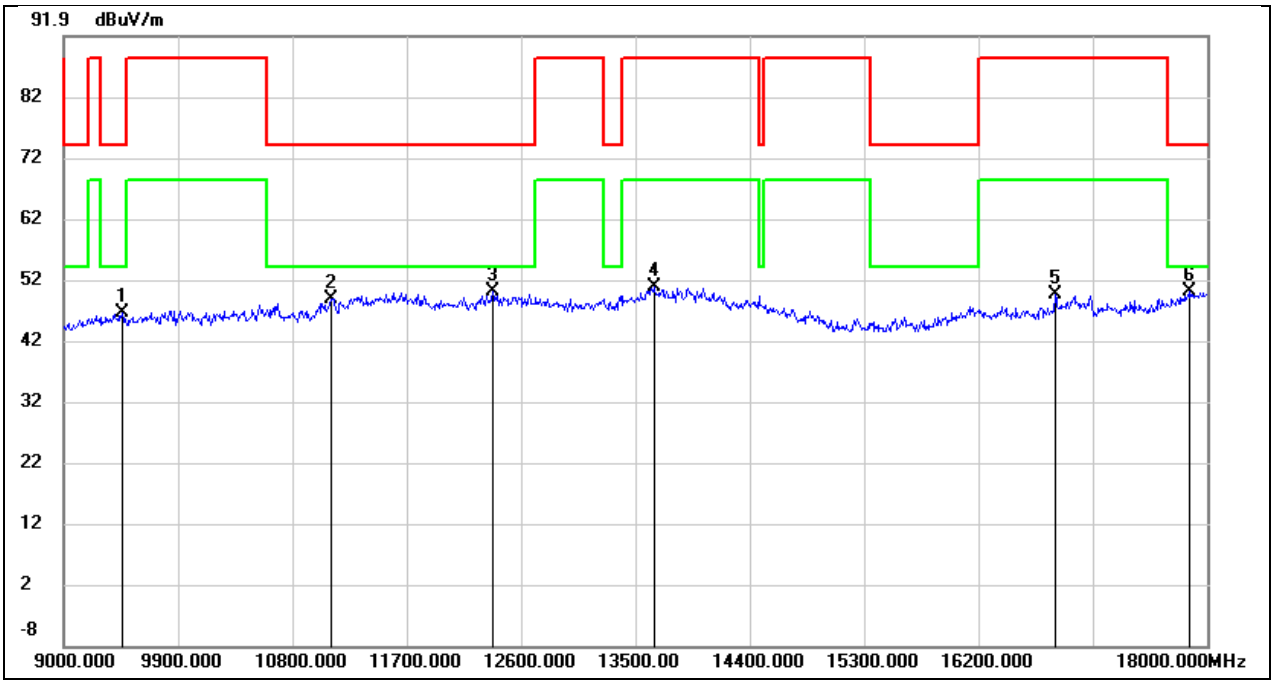
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9792.000	33.76	13.73	47.49	88.20	-40.71	peak
2	11331.000	32.69	17.03	49.72	74.00	-24.28	peak
3	12537.000	30.68	19.60	50.28	74.00	-23.72	peak
4	13653.000	27.58	22.87	50.45	88.20	-37.75	peak
5	16974.000	26.07	22.98	49.05	88.20	-39.15	peak
6	17991.000	22.54	28.02	50.56	74.00	-23.44	peak

Test Mode:	802.11a 20	Frequency(MHz):	6435
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



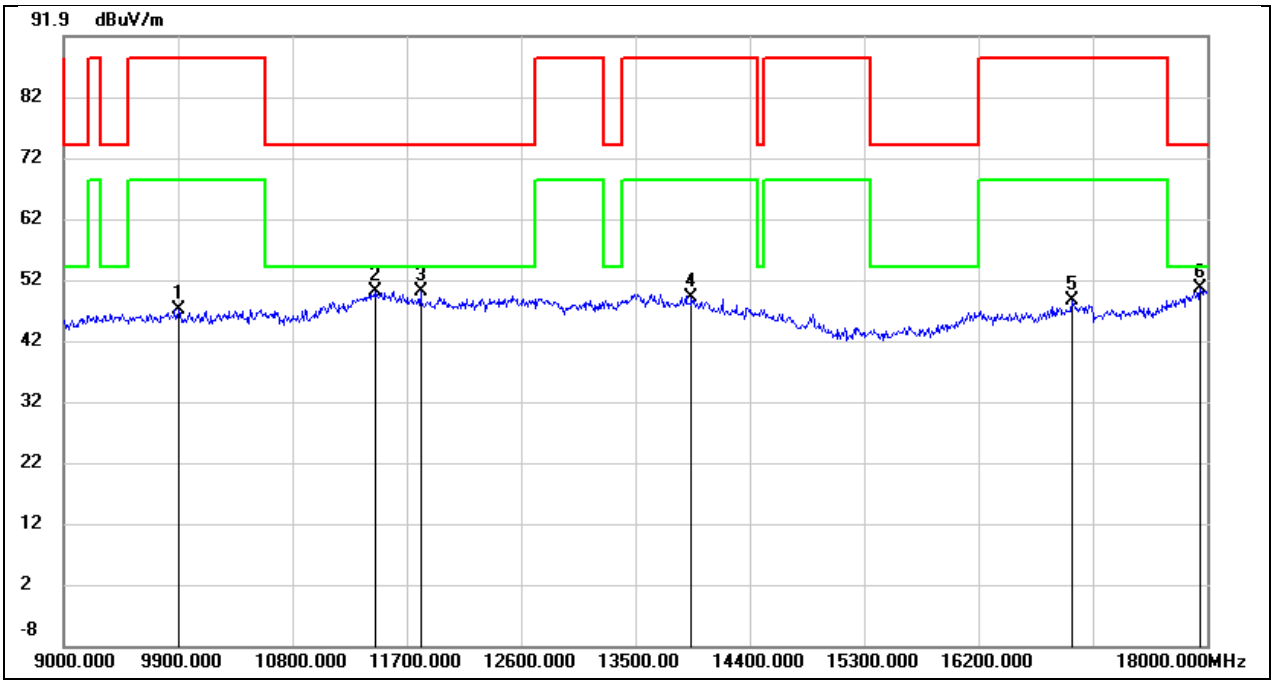
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10548.000	32.75	14.80	47.55	88.20	-40.65	peak
2	11718.000	31.12	18.42	49.54	74.00	-24.46	peak
3	13662.000	26.94	22.88	49.82	88.20	-38.38	peak
4	14463.000	27.66	21.36	49.02	88.20	-39.18	peak
5	16182.000	25.94	22.00	47.94	74.00	-26.06	peak
6	17964.000	22.47	27.81	50.28	74.00	-23.72	peak

Test Mode:	802.11a 20	Frequency(MHz):	6435
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



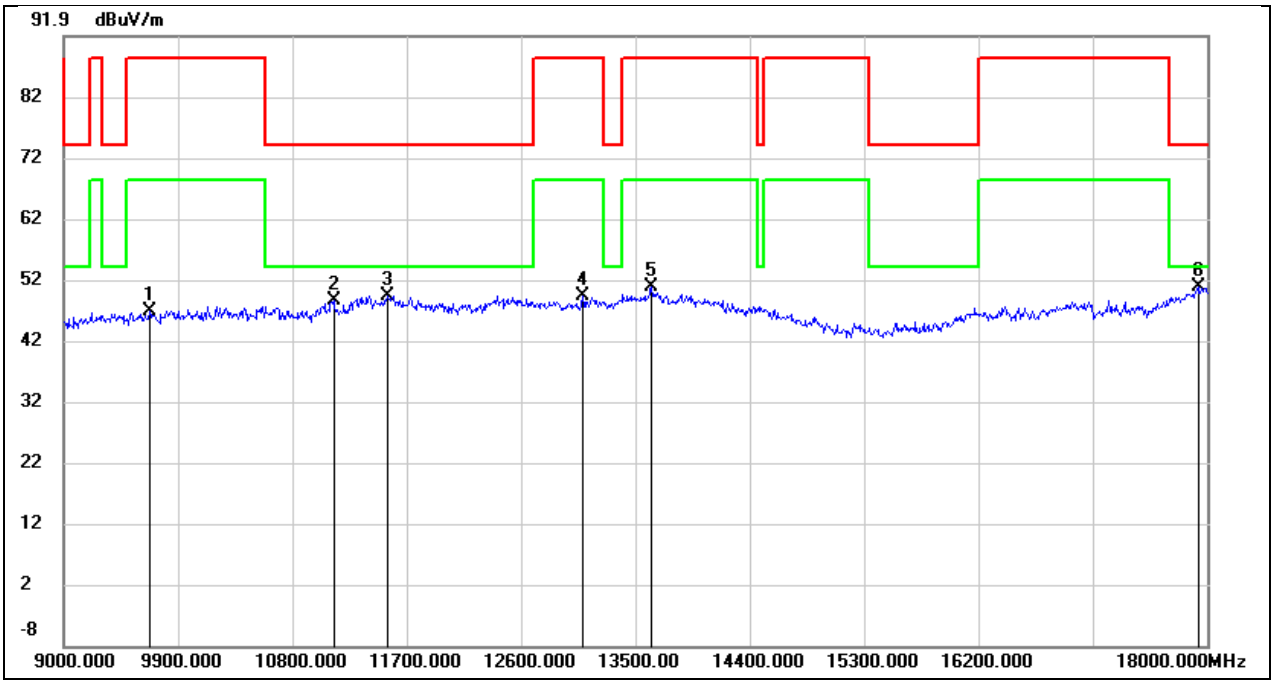
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9459.000	34.26	12.37	46.63	74.00	-27.37	peak
2	11106.000	32.67	16.21	48.88	74.00	-25.12	peak
3	12375.000	30.43	19.49	49.92	74.00	-24.08	peak
4	13644.000	27.81	22.86	50.67	88.20	-37.53	peak
5	16803.000	27.21	22.28	49.49	88.20	-38.71	peak
6	17865.000	22.91	27.00	49.91	74.00	-24.09	peak

Test Mode:	802.11a 20	Frequency(MHz):	6475
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



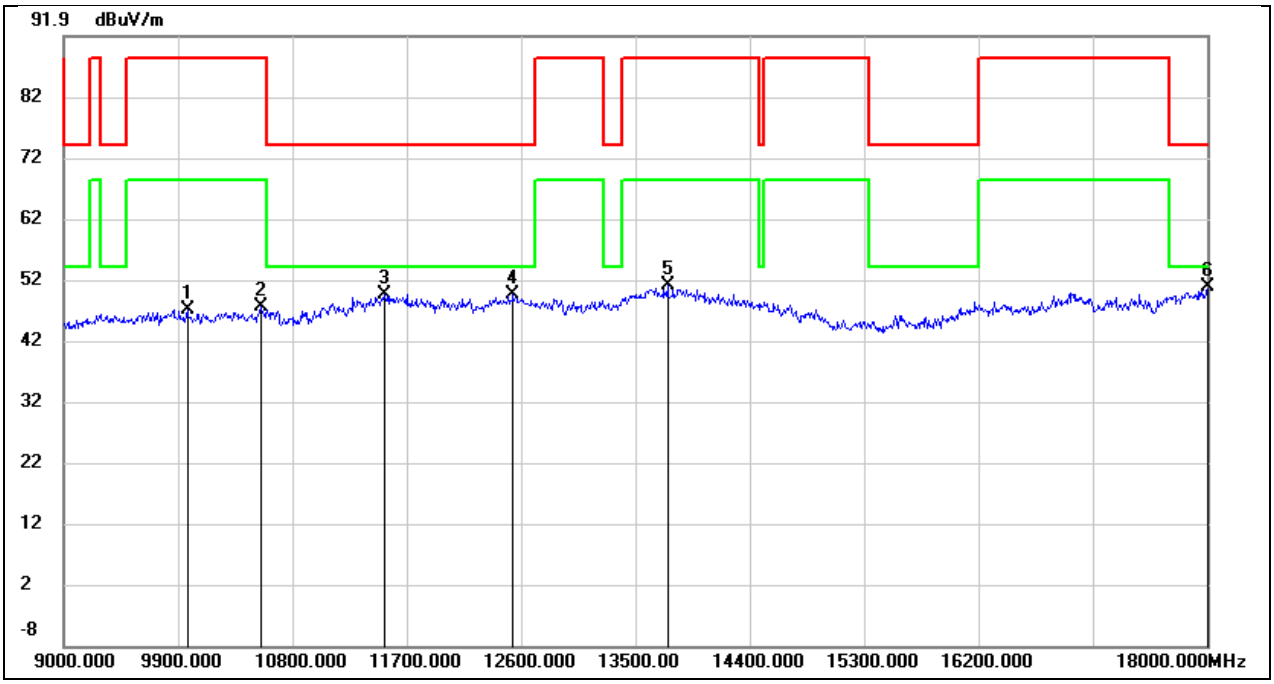
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9900.000	33.30	13.71	47.01	88.20	-41.19	peak
2	11457.000	32.53	17.60	50.13	74.00	-23.87	peak
3	11808.000	31.61	18.50	50.11	74.00	-23.89	peak
4	13941.000	25.62	23.40	49.02	88.20	-39.18	peak
5	16938.000	25.57	22.84	48.41	88.20	-39.79	peak
6	17946.000	22.86	27.67	50.53	74.00	-23.47	peak

Test Mode:	802.11a 20	Frequency(MHz):	6475
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



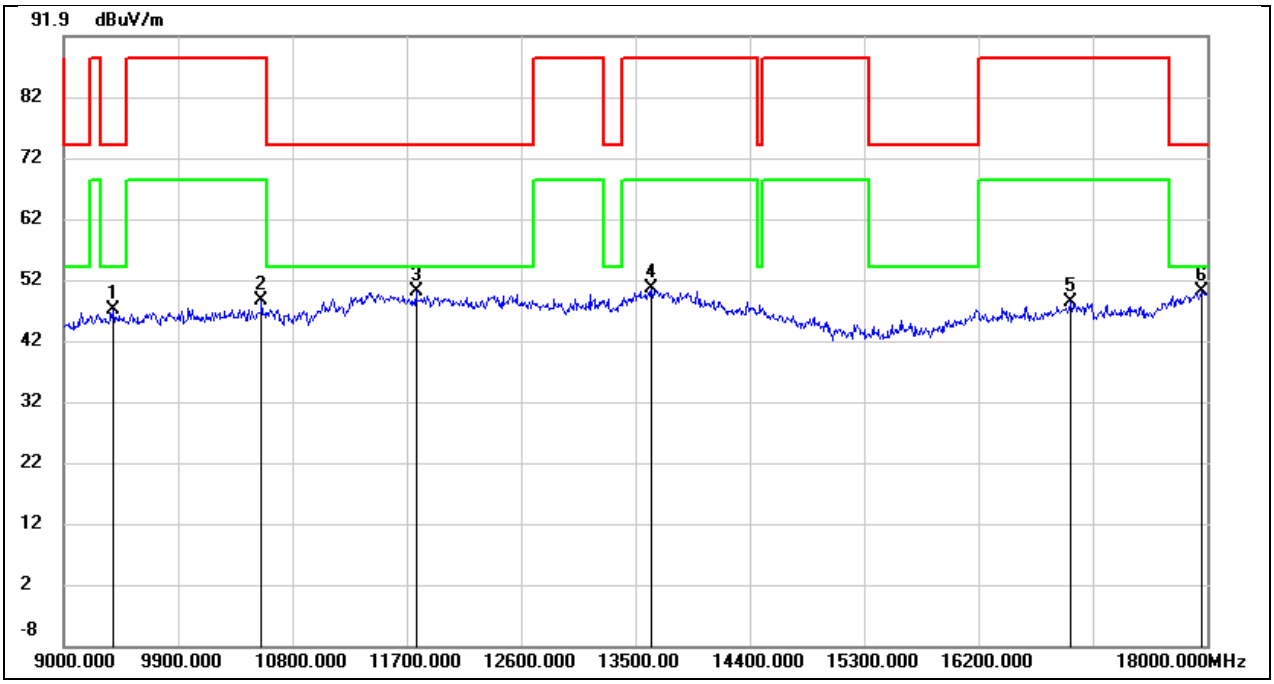
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9675.000	33.47	13.41	46.88	88.20	-41.32	peak
2	11124.000	32.27	16.27	48.54	74.00	-25.46	peak
3	11547.000	31.32	18.05	49.37	74.00	-24.63	peak
4	13086.000	28.57	20.70	49.27	88.20	-38.93	peak
5	13626.000	28.07	22.83	50.90	88.20	-37.30	peak
6	17928.000	23.17	27.51	50.68	74.00	-23.32	peak

Test Mode:	802.11a 20	Frequency(MHz):	6515
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



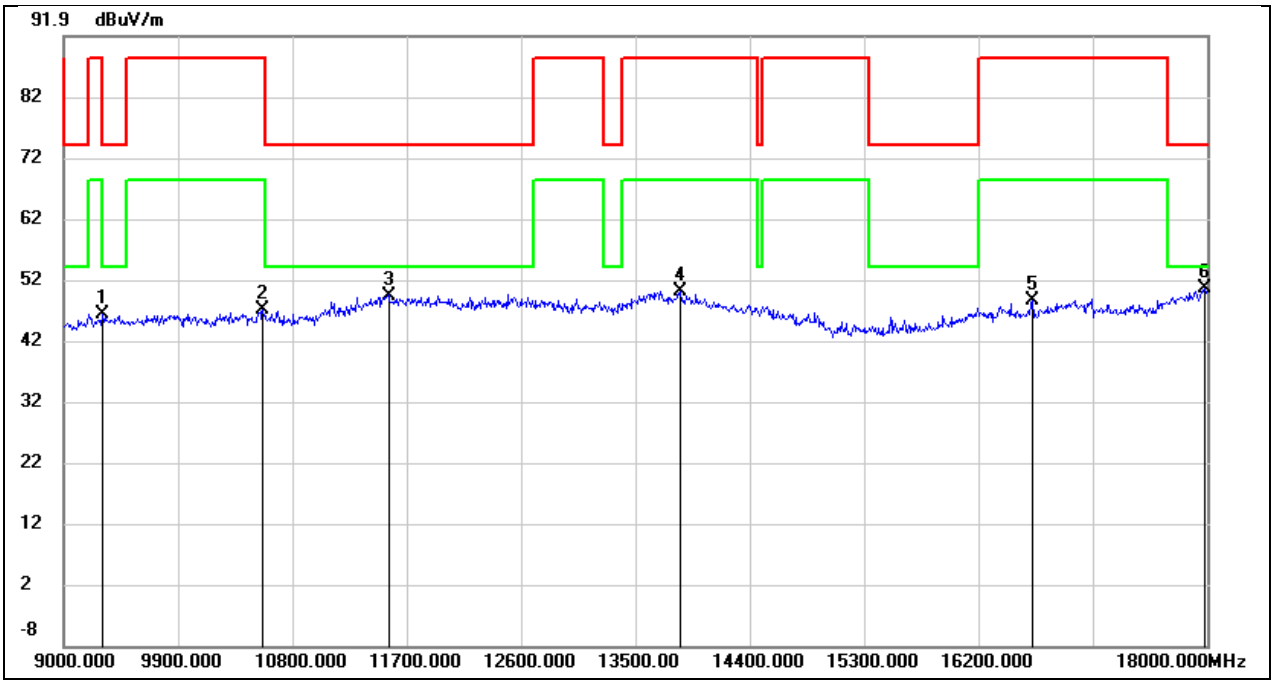
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9972.000	33.33	13.67	47.00	88.20	-41.20	peak
2	10557.000	32.79	14.83	47.62	88.20	-40.58	peak
3	11529.000	31.50	17.96	49.46	74.00	-24.54	peak
4	12537.000	29.90	19.60	49.50	74.00	-24.50	peak
5	13752.000	27.98	23.01	50.99	88.20	-37.21	peak
6	18000.000	22.67	28.10	50.77	74.00	-23.23	peak

Test Mode:	802.11a 20	Frequency(MHz):	6515
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



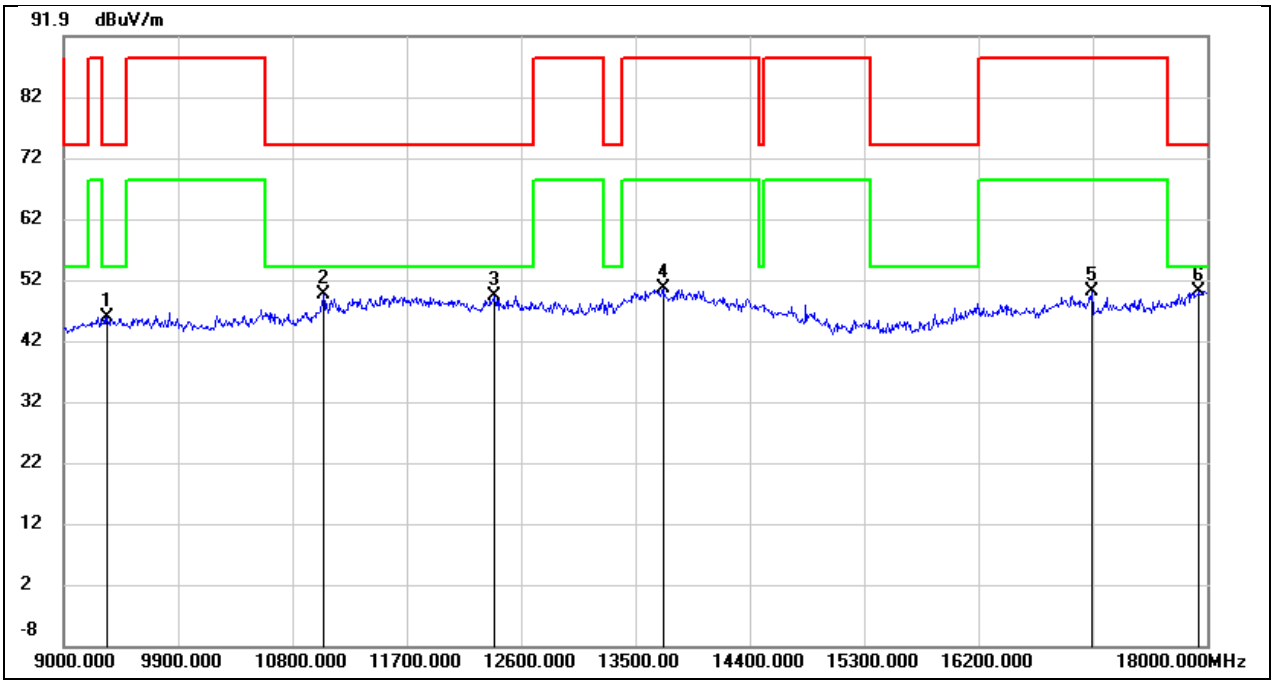
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9387.000	35.02	11.96	46.98	74.00	-27.02	peak
2	10557.000	33.67	14.83	48.50	88.20	-39.70	peak
3	11772.000	31.58	18.45	50.03	74.00	-23.97	peak
4	13626.000	27.62	22.83	50.45	88.20	-37.75	peak
5	16929.000	25.47	22.81	48.28	88.20	-39.92	peak
6	17955.000	22.30	27.73	50.03	74.00	-23.97	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	6535
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



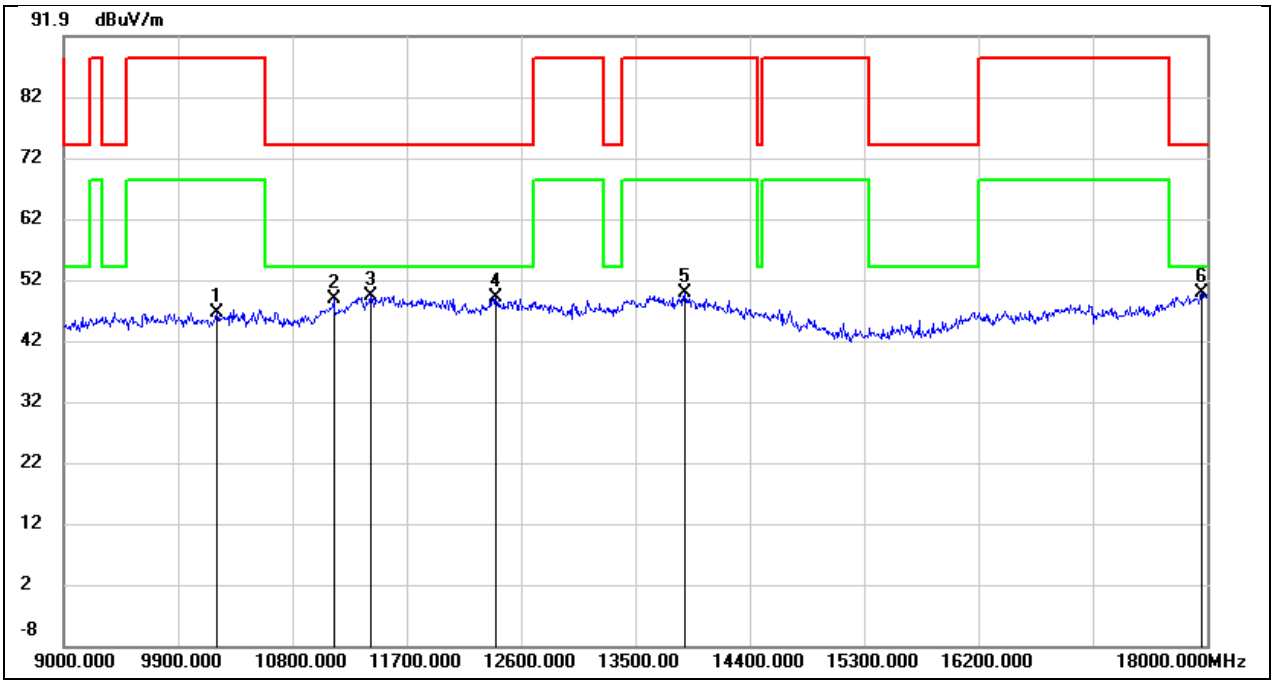
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9306.000	34.48	11.68	46.16	74.00	-27.84	peak
2	10566.000	32.09	14.86	46.95	88.20	-41.25	peak
3	11556.000	31.30	18.10	49.40	74.00	-24.60	peak
4	13851.000	26.89	23.20	50.09	88.20	-38.11	peak
5	16623.000	26.56	21.90	48.46	88.20	-39.74	peak
6	17982.000	22.57	27.96	50.53	74.00	-23.47	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	6535
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



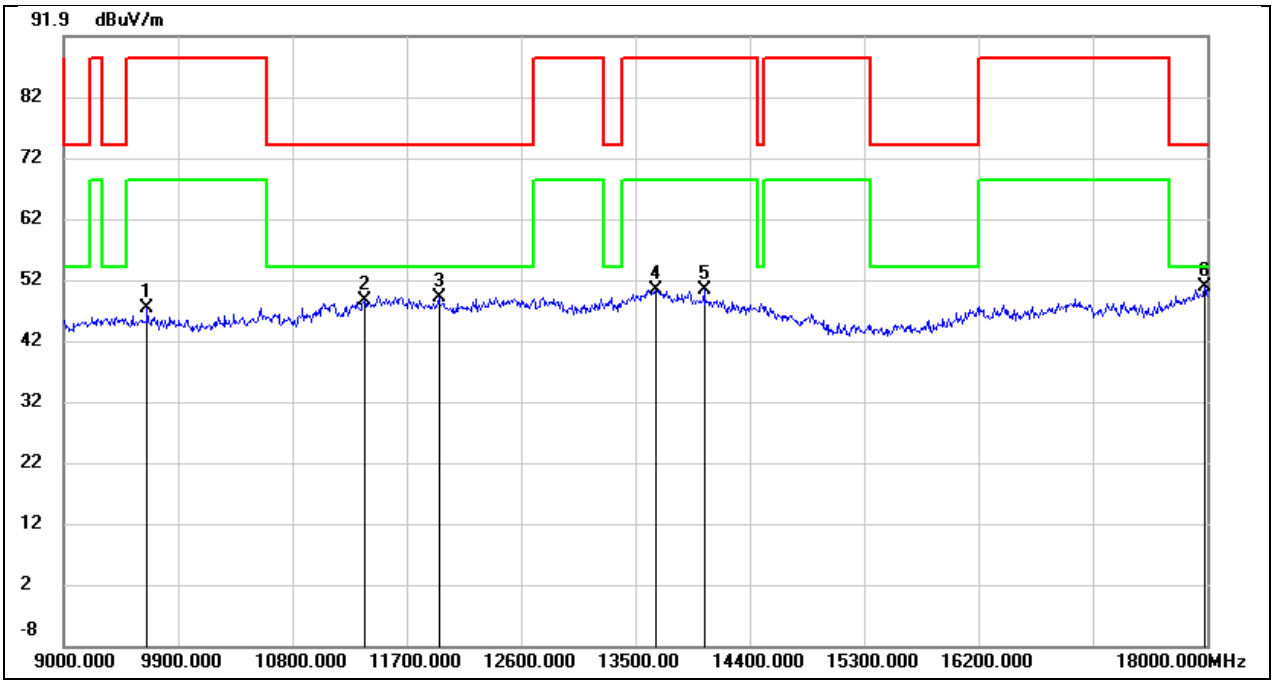
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9342.000	34.10	11.80	45.90	74.00	-28.10	peak
2	11043.000	33.43	15.99	49.42	74.00	-24.58	peak
3	12393.000	29.79	19.52	49.31	74.00	-24.69	peak
4	13716.000	27.60	22.97	50.57	88.20	-37.63	peak
5	17091.000	26.61	23.34	49.95	88.20	-38.25	peak
6	17937.000	22.55	27.59	50.14	74.00	-23.86	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	6715
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



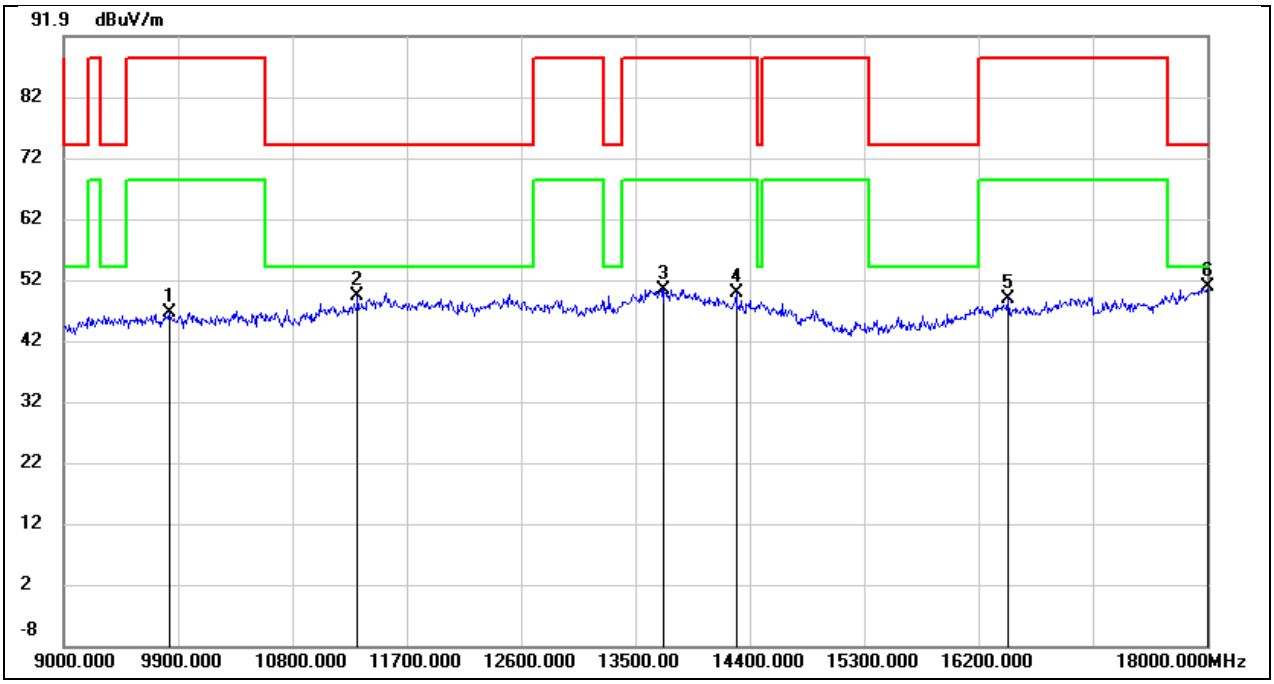
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10206.000	32.83	13.79	46.62	88.20	-41.58	peak
2	11124.000	32.45	16.27	48.72	74.00	-25.28	peak
3	11412.000	32.02	17.37	49.39	74.00	-24.61	peak
4	12402.000	29.59	19.54	49.13	74.00	-24.87	peak
5	13887.000	26.46	23.28	49.74	88.20	-38.46	peak
6	17955.000	22.06	27.73	49.79	74.00	-24.21	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	6715
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



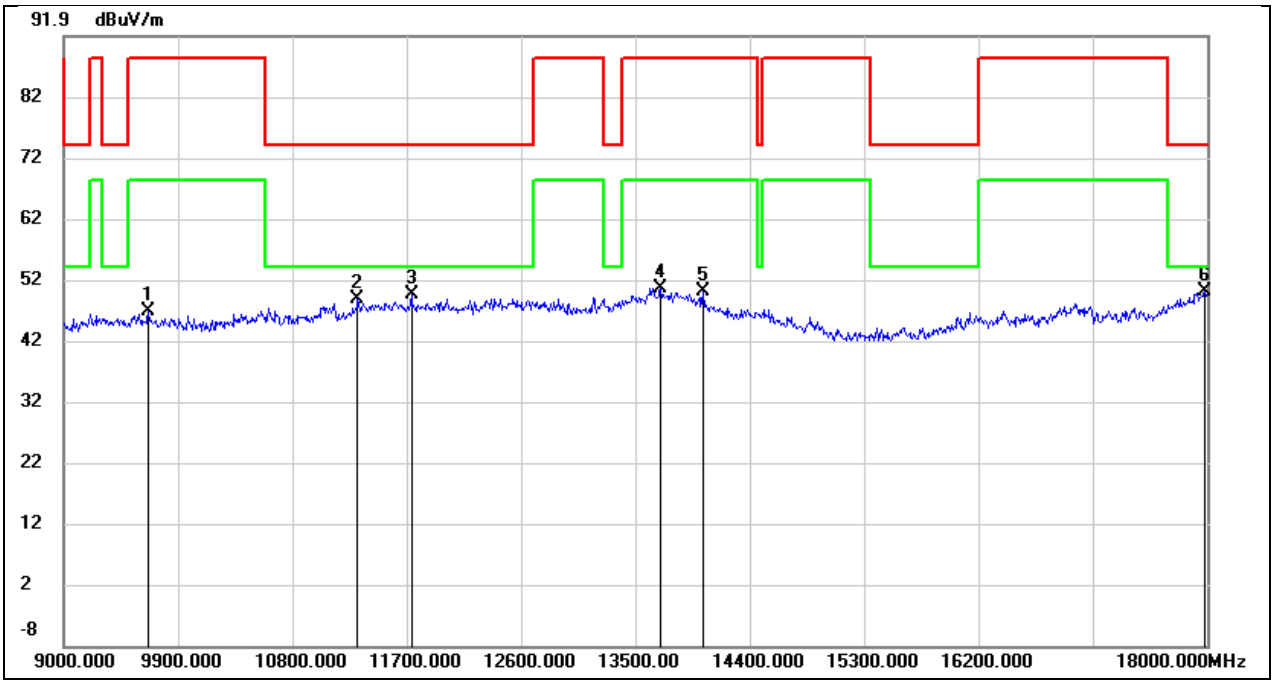
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9657.000	33.85	13.35	47.20	88.20	-41.00	peak
2	11367.000	31.33	17.18	48.51	74.00	-25.49	peak
3	11952.000	30.28	18.80	49.08	74.00	-24.92	peak
4	13662.000	27.42	22.88	50.30	88.20	-37.90	peak
5	14040.000	26.96	23.36	50.32	88.20	-37.88	peak
6	17982.000	22.78	27.96	50.74	74.00	-23.26	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	6855
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



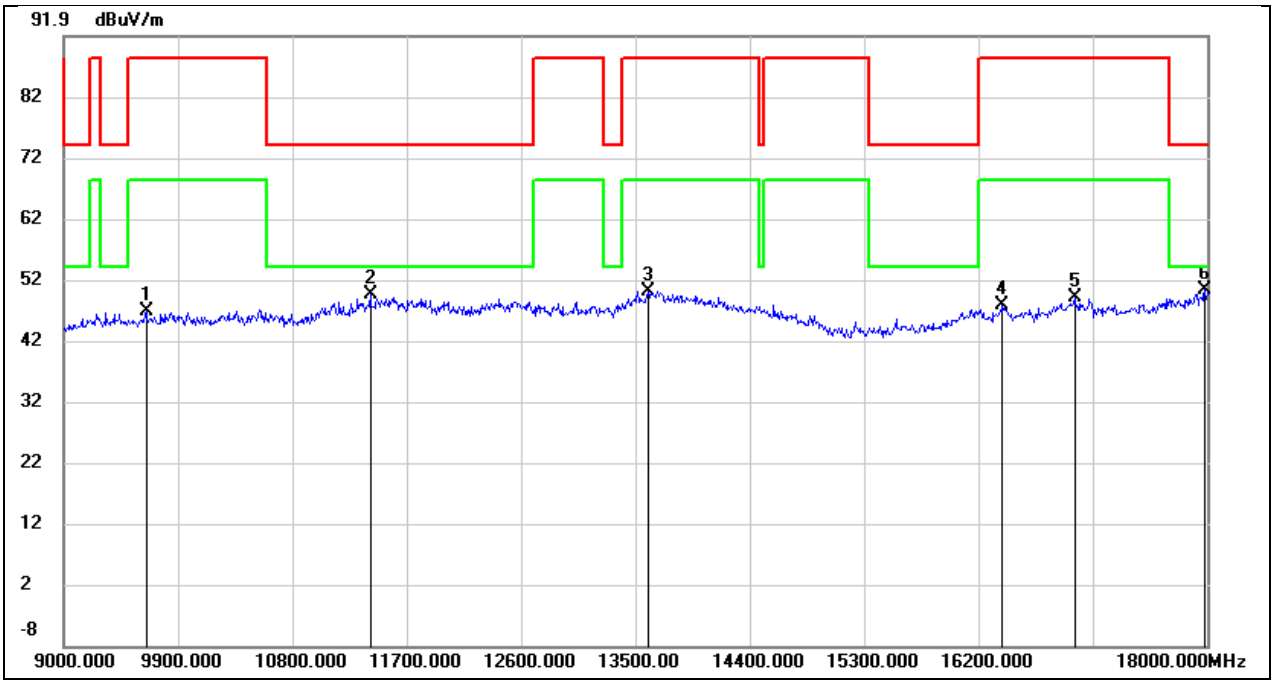
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9828.000	32.89	13.74	46.63	88.20	-41.57	peak
2	11313.000	32.28	16.97	49.25	74.00	-24.75	peak
3	13725.000	27.36	22.98	50.34	88.20	-37.86	peak
4	14292.000	27.44	22.22	49.66	88.20	-38.54	peak
5	16434.000	26.85	21.93	48.78	88.20	-39.42	peak
6	18000.000	22.64	28.10	50.74	74.00	-23.26	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	6855
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



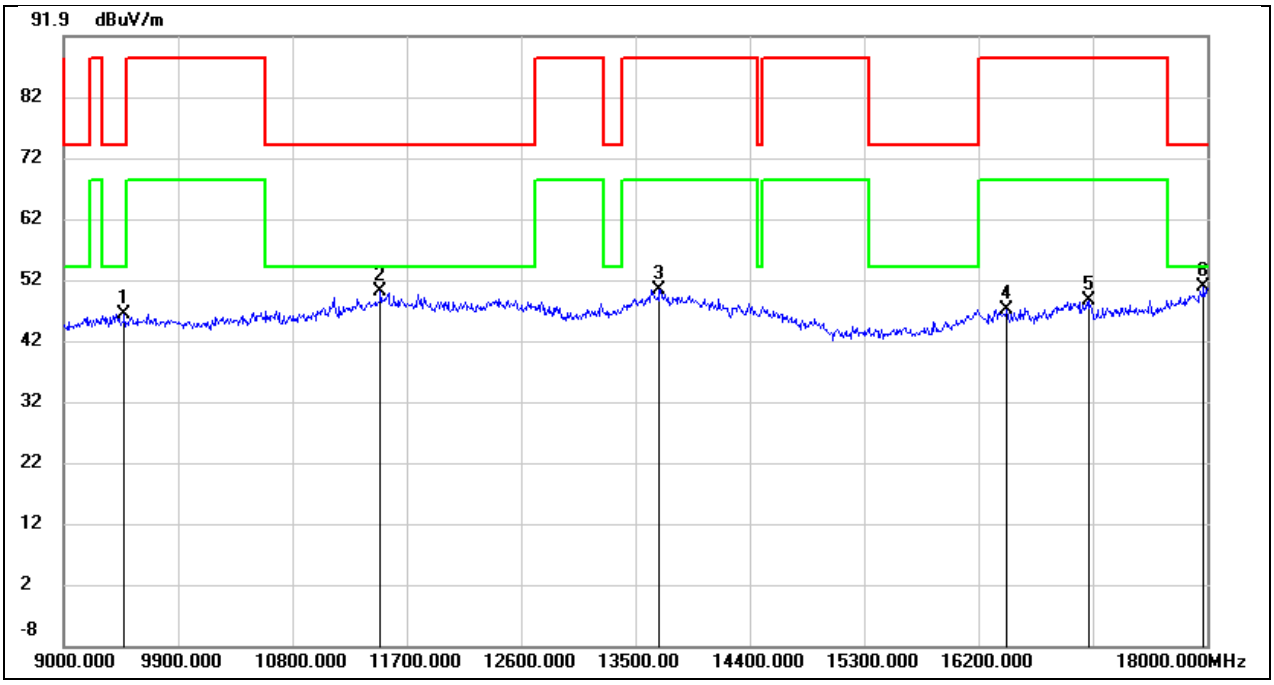
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9666.000	33.33	13.39	46.72	88.20	-41.48	peak
2	11313.000	31.70	16.97	48.67	74.00	-25.33	peak
3	11736.000	31.06	18.44	49.50	74.00	-24.50	peak
4	13698.000	27.63	22.93	50.56	88.20	-37.64	peak
5	14031.000	26.60	23.41	50.01	88.20	-38.19	peak
6	17982.000	21.99	27.96	49.95	74.00	-24.05	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	6875
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



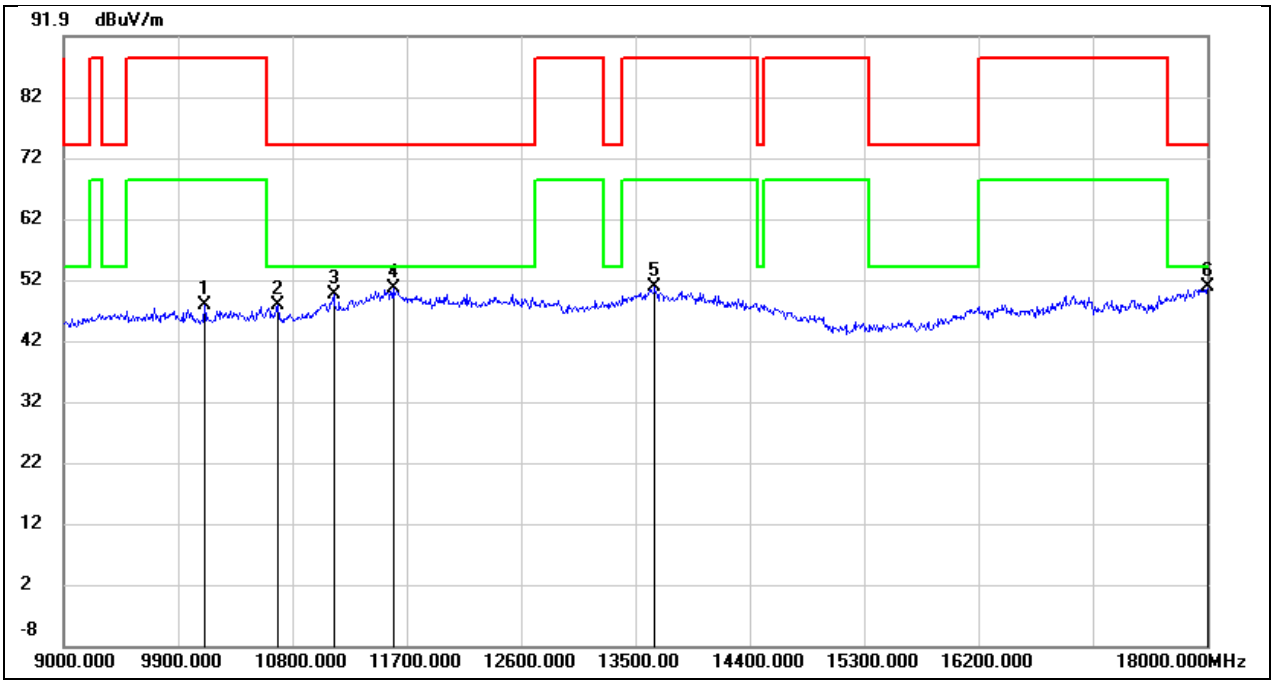
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9648.000	33.54	13.33	46.87	88.20	-41.33	peak
2	11412.000	32.20	17.37	49.57	74.00	-24.43	peak
3	13599.000	27.24	22.80	50.04	88.20	-38.16	peak
4	16389.000	25.85	21.97	47.82	88.20	-40.38	peak
5	16956.000	26.05	22.90	48.95	88.20	-39.25	peak
6	17982.000	22.41	27.96	50.37	74.00	-23.63	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	6875
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



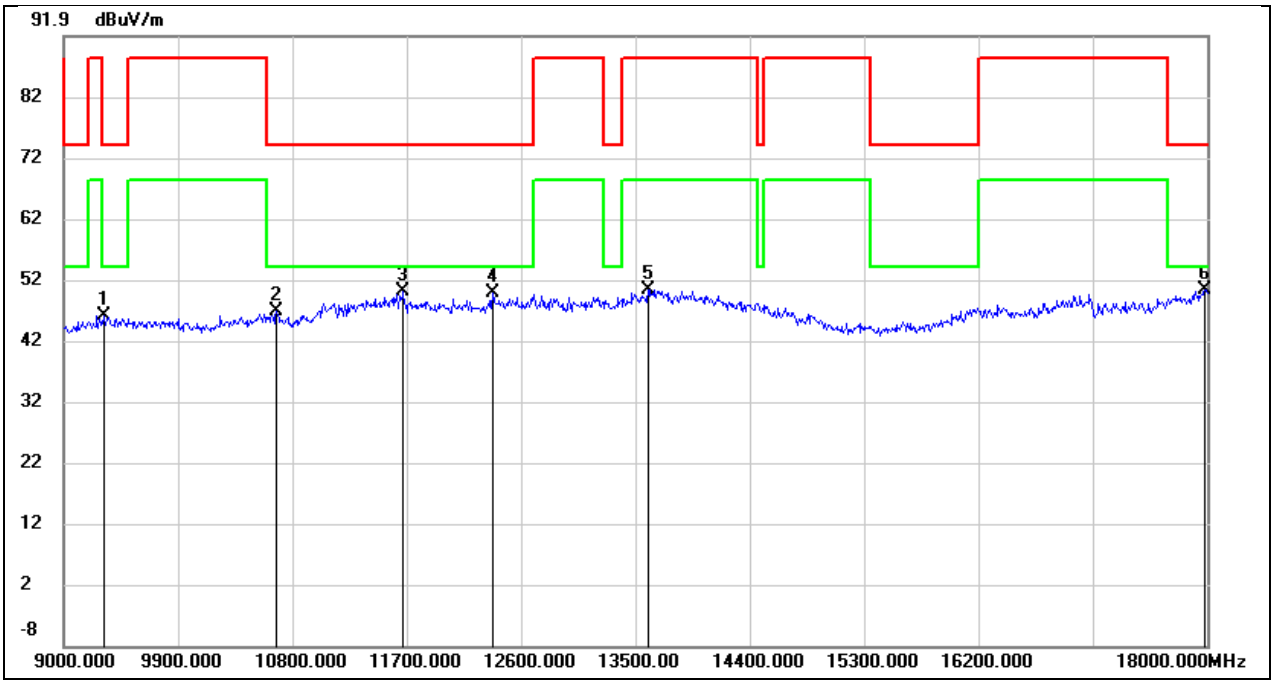
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9477.000	33.78	12.48	46.26	74.00	-27.74	peak
2	11493.000	32.29	17.76	50.05	74.00	-23.95	peak
3	13689.000	27.42	22.92	50.34	88.20	-37.86	peak
4	16425.000	25.18	21.93	47.11	88.20	-41.09	peak
5	17073.000	25.15	23.29	48.44	88.20	-39.76	peak
6	17973.000	22.92	27.88	50.80	74.00	-23.20	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	7015
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



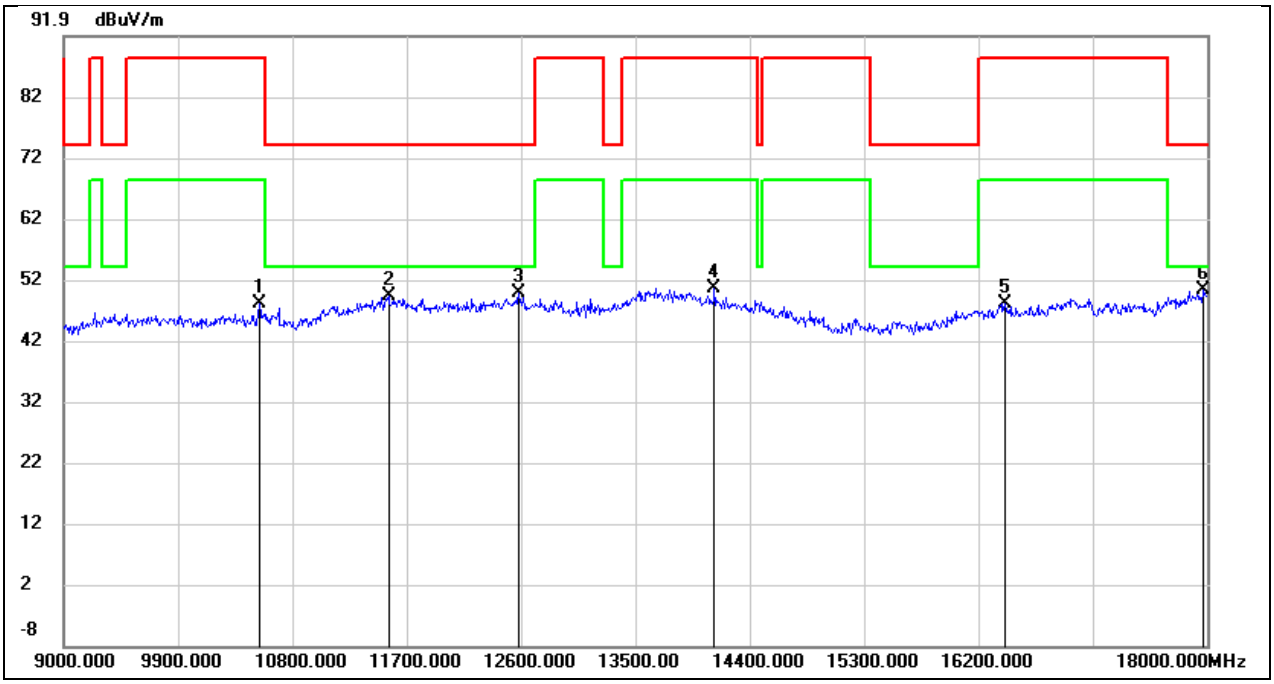
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10107.000	33.99	13.72	47.71	88.20	-40.49	peak
2	10683.000	32.69	15.16	47.85	74.00	-26.15	peak
3	11124.000	33.14	16.27	49.41	74.00	-24.59	peak
4	11592.000	32.35	18.27	50.62	74.00	-23.38	peak
5	13653.000	27.90	22.87	50.77	88.20	-37.43	peak
6	18000.000	22.68	28.10	50.78	74.00	-23.22	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	7015
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



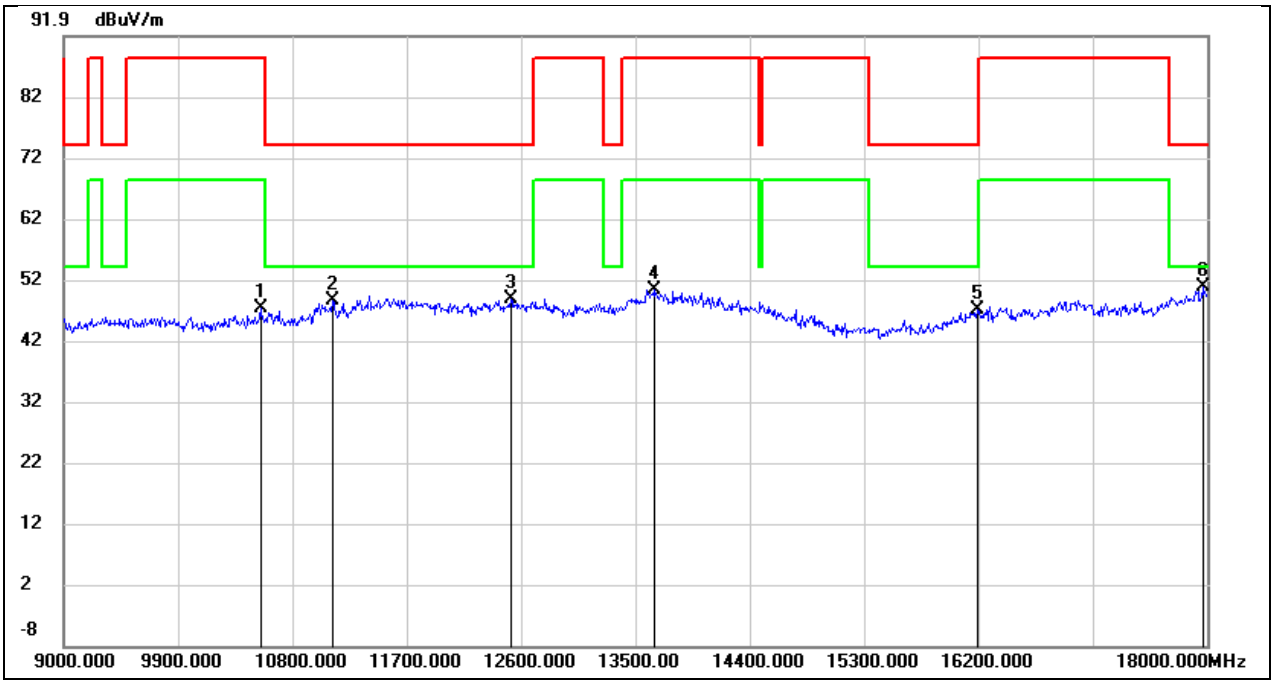
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9315.000	34.40	11.71	46.11	74.00	-27.89	peak
2	10674.000	31.75	15.15	46.90	74.00	-27.10	peak
3	11673.000	31.73	18.37	50.10	74.00	-23.90	peak
4	12375.000	30.37	19.49	49.86	74.00	-24.14	peak
5	13599.000	27.58	22.80	50.38	88.20	-37.82	peak
6	17982.000	22.44	27.96	50.40	74.00	-23.60	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	7115
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



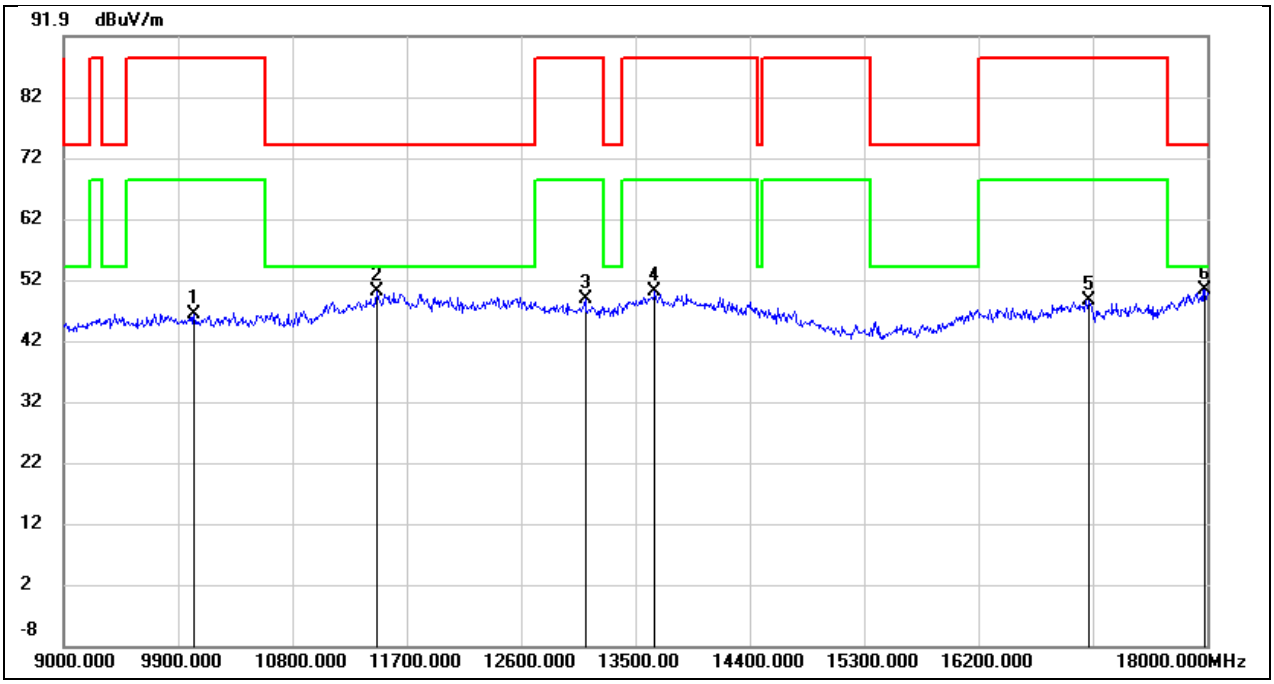
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10539.000	33.20	14.76	47.96	88.20	-40.24	peak
2	11556.000	31.26	18.10	49.36	74.00	-24.64	peak
3	12582.000	30.19	19.60	49.79	74.00	-24.21	peak
4	14121.000	27.40	23.02	50.42	88.20	-37.78	peak
5	16407.000	26.13	21.95	48.08	88.20	-40.12	peak
6	17973.000	22.39	27.88	50.27	74.00	-23.73	peak

Test Mode:	802.11ax HE20	Frequency(MHz):	7115
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



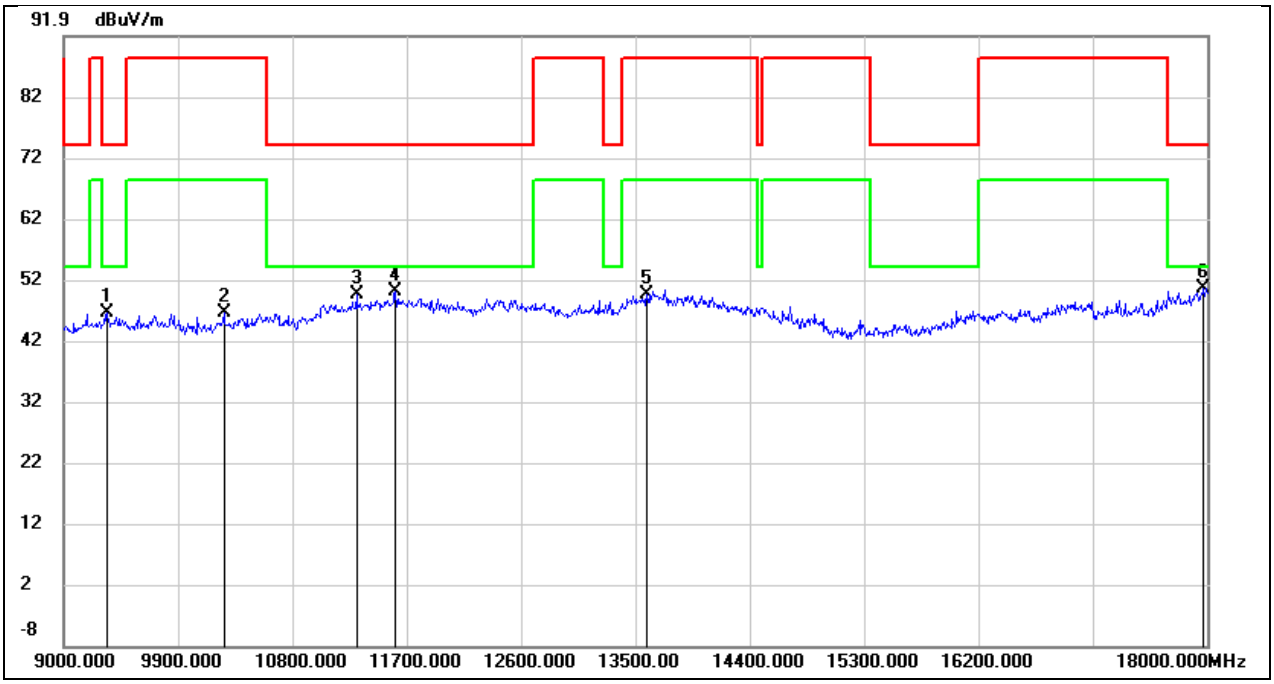
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10548.000	32.51	14.80	47.31	88.20	-40.89	peak
2	11115.000	32.20	16.24	48.44	74.00	-25.56	peak
3	12519.000	29.29	19.59	48.88	74.00	-25.12	peak
4	13653.000	27.41	22.87	50.28	88.20	-37.92	peak
5	16191.000	24.86	22.08	46.94	74.00	-27.06	peak
6	17964.000	22.94	27.81	50.75	74.00	-23.25	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	6565
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



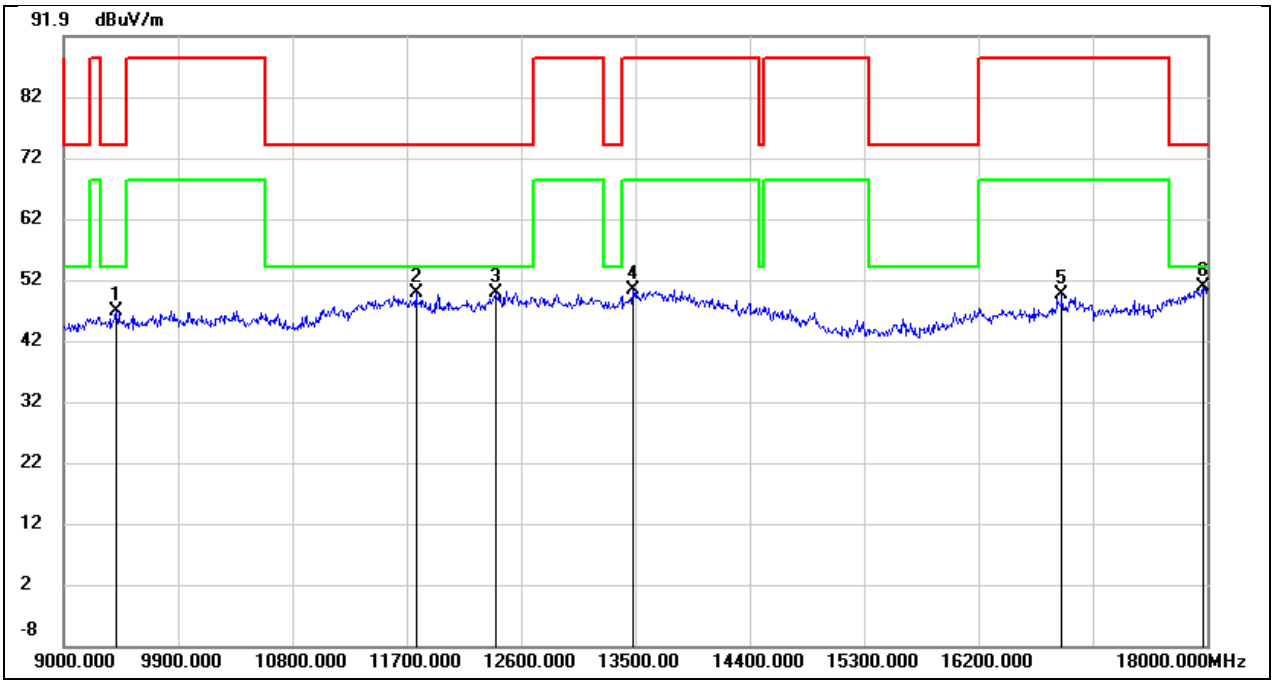
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10026.000	32.69	13.68	46.37	88.20	-41.83	peak
2	11466.000	32.50	17.64	50.14	74.00	-23.86	peak
3	13104.000	27.88	20.79	48.67	88.20	-39.53	peak
4	13653.000	27.07	22.87	49.94	88.20	-38.26	peak
5	17073.000	25.33	23.29	48.62	88.20	-39.58	peak
6	17982.000	22.38	27.96	50.34	74.00	-23.66	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	6565
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



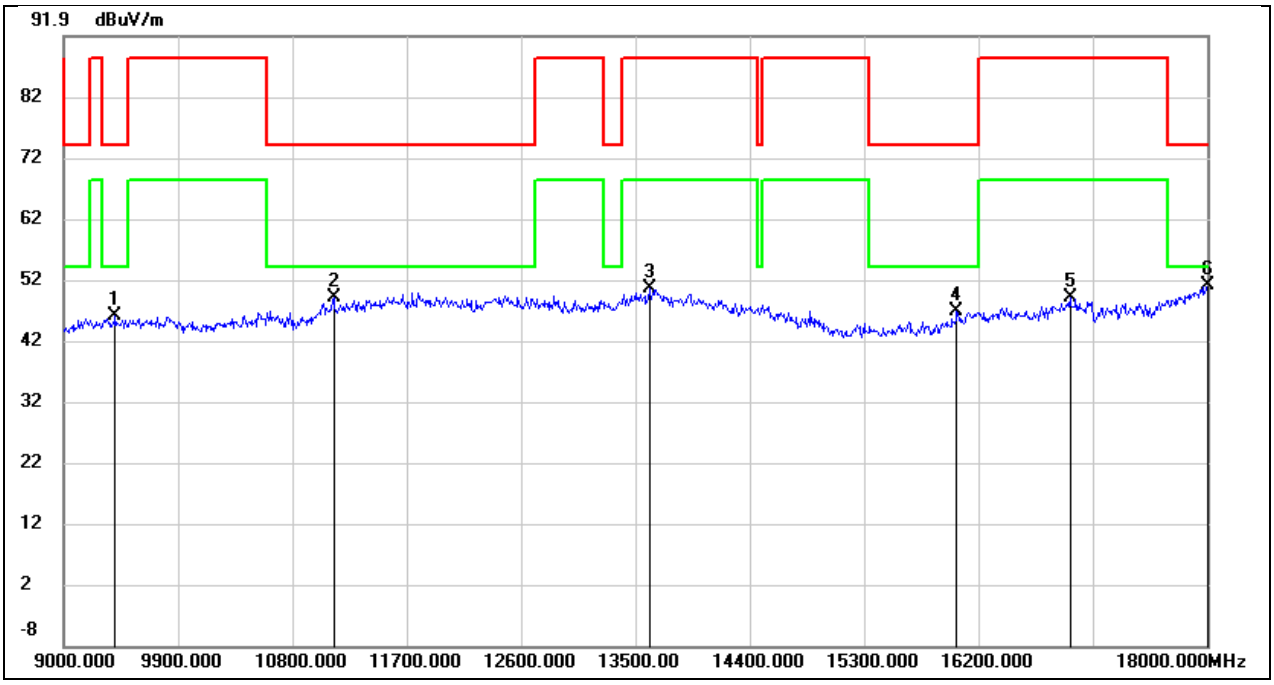
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9342.000	34.69	11.80	46.49	74.00	-27.51	peak
2	10260.000	32.58	13.93	46.51	88.20	-41.69	peak
3	11304.000	32.53	16.93	49.46	74.00	-24.54	peak
4	11610.000	31.70	18.33	50.03	74.00	-23.97	peak
5	13590.000	26.84	22.78	49.62	88.20	-38.58	peak
6	17973.000	22.54	27.88	50.42	74.00	-23.58	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	6725
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



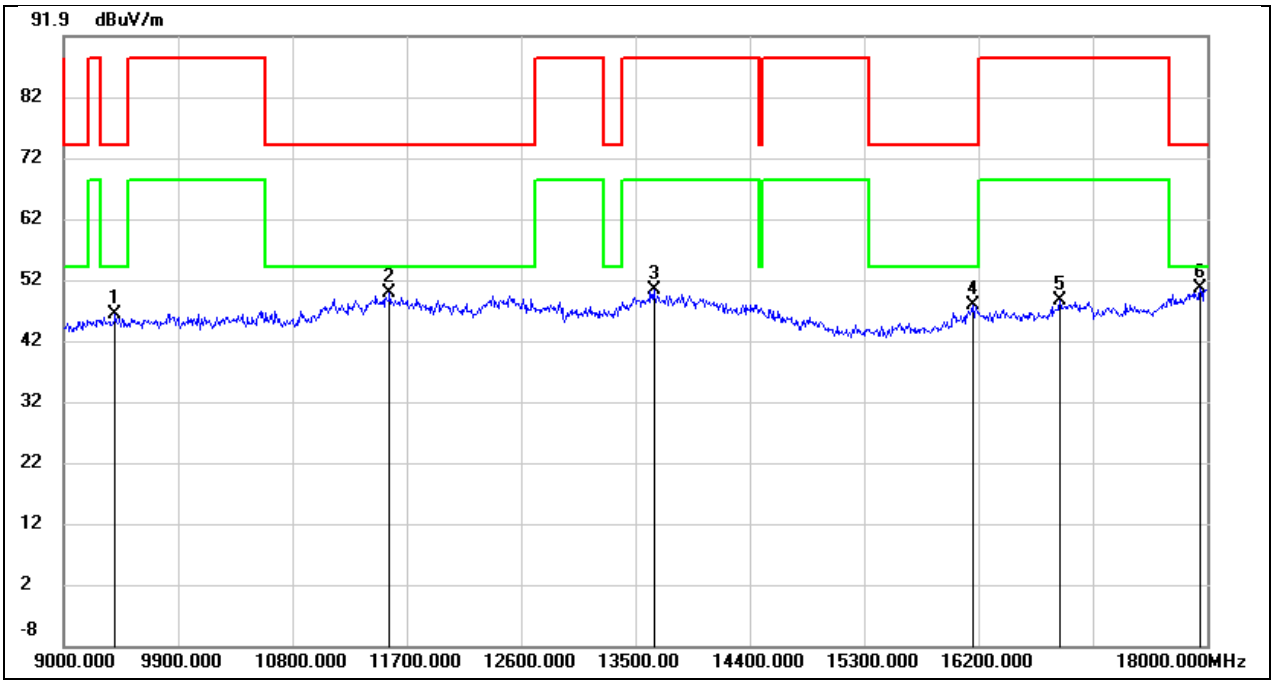
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9414.000	34.77	12.10	46.87	74.00	-27.13	peak
2	11772.000	31.28	18.45	49.73	74.00	-24.27	peak
3	12402.000	30.25	19.54	49.79	74.00	-24.21	peak
4	13482.000	27.60	22.56	50.16	88.20	-38.04	peak
5	16857.000	26.92	22.50	49.42	88.20	-38.78	peak
6	17964.000	22.87	27.81	50.68	74.00	-23.32	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	6725
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



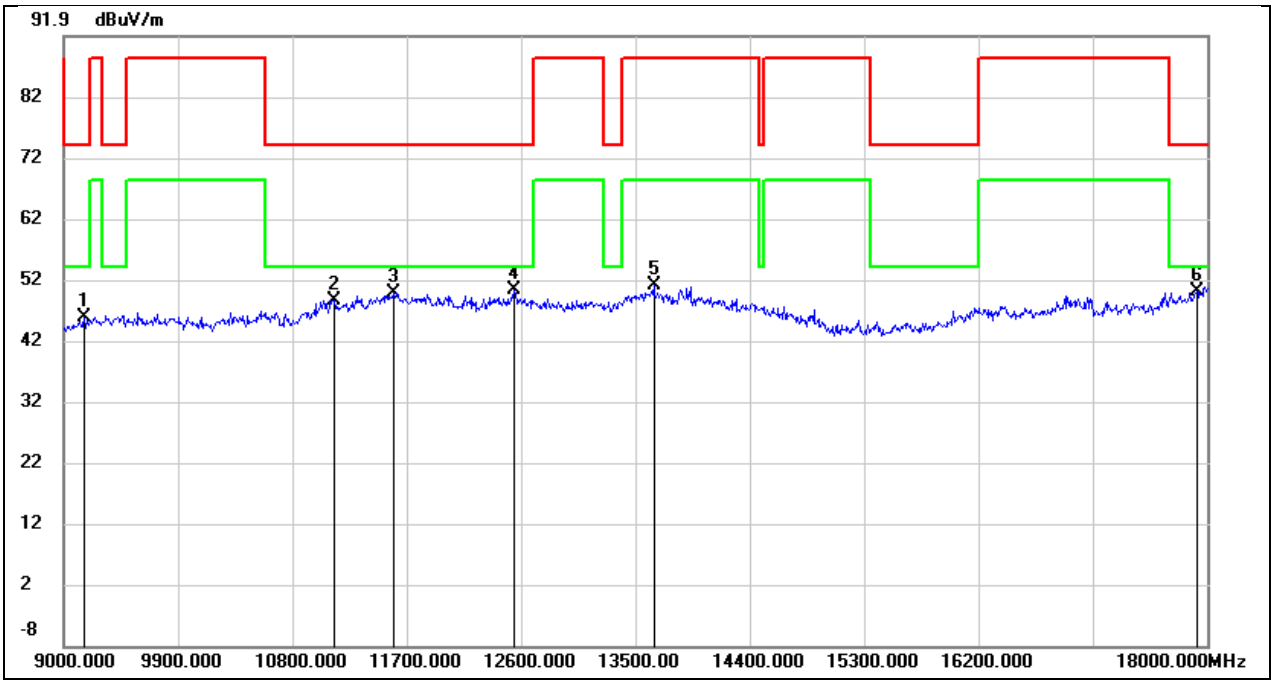
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9405.000	33.94	12.05	45.99	74.00	-28.01	peak
2	11124.000	32.76	16.27	49.03	74.00	-24.97	peak
3	13608.000	27.63	22.81	50.44	88.20	-37.76	peak
4	16029.000	26.27	20.45	46.72	74.00	-27.28	peak
5	16920.000	26.32	22.76	49.08	88.20	-39.12	peak
6	18000.000	22.83	28.10	50.93	74.00	-23.07	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	6845
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



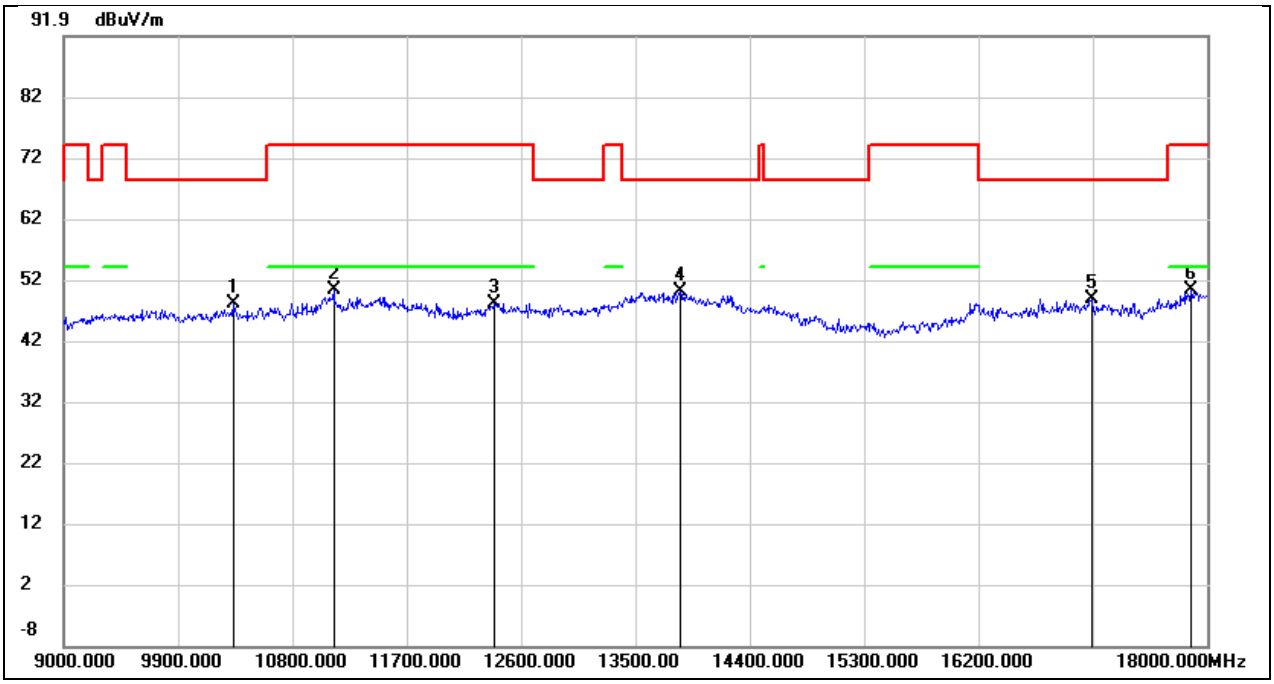
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9405.000	34.28	12.05	46.33	74.00	-27.67	peak
2	11565.000	31.65	18.15	49.80	74.00	-24.20	peak
3	13644.000	27.45	22.86	50.31	88.20	-37.89	peak
4	16155.000	26.15	21.72	47.87	74.00	-26.13	peak
5	16839.000	26.17	22.44	48.61	88.20	-39.59	peak
6	17946.000	22.89	27.67	50.56	74.00	-23.44	peak

Test Mode:	802.11ax HE40	Frequency(MHz):	6845
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



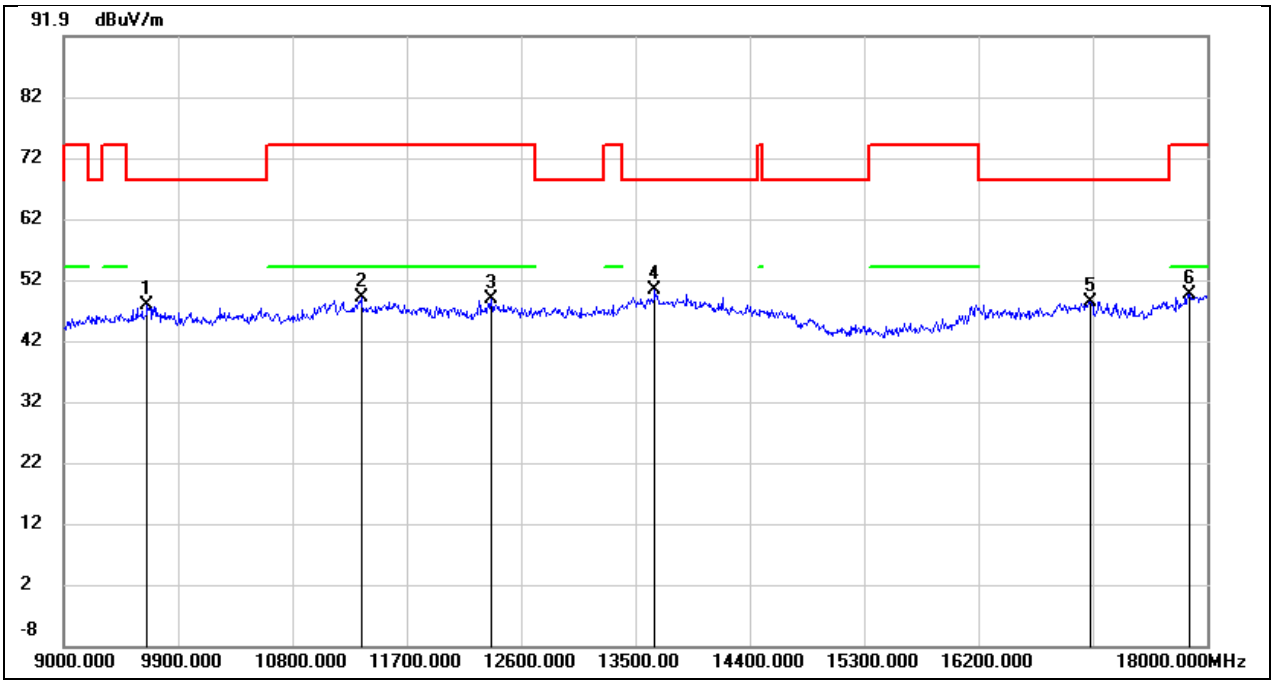
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9162.000	34.53	11.19	45.72	74.00	-28.28	peak
2	11133.000	32.24	16.30	48.54	74.00	-25.46	peak
3	11592.000	31.41	18.27	49.68	74.00	-24.32	peak
4	12546.000	30.76	19.60	50.36	74.00	-23.64	peak
5	13644.000	28.09	22.86	50.95	88.20	-37.25	peak
6	17919.000	22.52	27.44	49.96	74.00	-24.04	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	5985
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



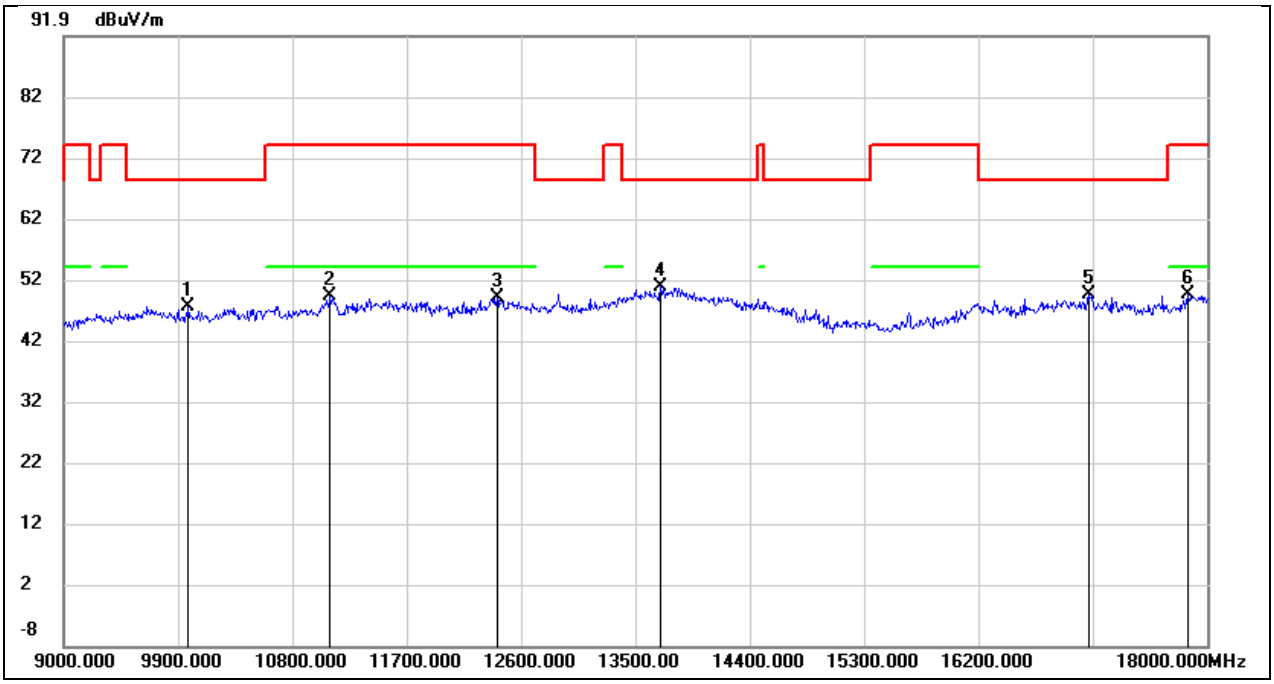
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10332.000	33.88	14.10	47.98	68.20	-20.22	peak
2	11124.000	34.09	16.27	50.36	74.00	-23.64	peak
3	12384.000	28.62	19.51	48.13	74.00	-25.87	peak
4	13851.000	26.85	23.20	50.05	68.20	-18.15	peak
5	17091.000	25.50	23.34	48.84	68.20	-19.36	peak
6	17874.000	23.12	27.08	50.20	74.00	-23.80	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	5985
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



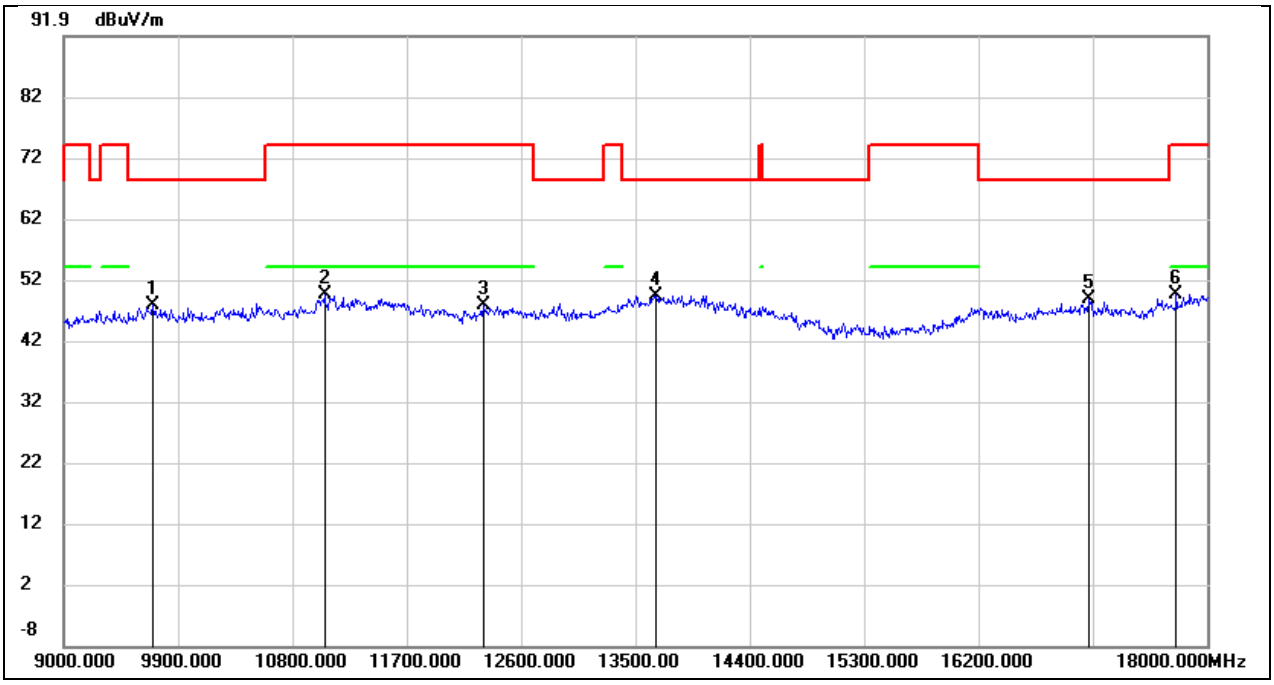
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9657.000	34.54	13.35	47.89	68.20	-20.31	peak
2	11340.000	31.84	17.07	48.91	74.00	-25.09	peak
3	12366.000	29.35	19.46	48.81	74.00	-25.19	peak
4	13653.000	27.29	22.87	50.16	68.20	-18.04	peak
5	17082.000	24.92	23.32	48.24	68.20	-19.96	peak
6	17856.000	22.66	26.93	49.59	74.00	-24.41	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	6145
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



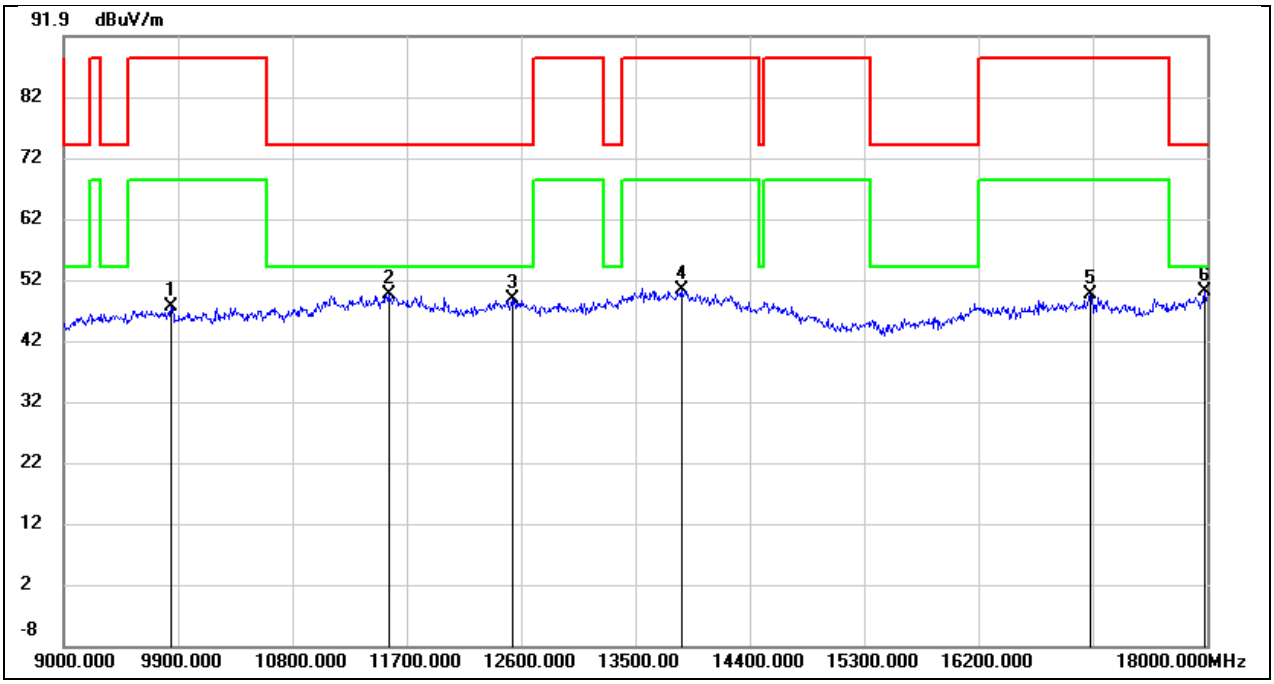
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9981.000	33.79	13.68	47.47	68.20	-20.73	peak
2	11097.000	33.07	16.19	49.26	74.00	-24.74	peak
3	12411.000	29.56	19.54	49.10	74.00	-24.90	peak
4	13698.000	27.91	22.93	50.84	68.20	-17.36	peak
5	17064.000	26.23	23.27	49.50	68.20	-18.70	peak
6	17847.000	22.68	26.86	49.54	74.00	-24.46	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	6145
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



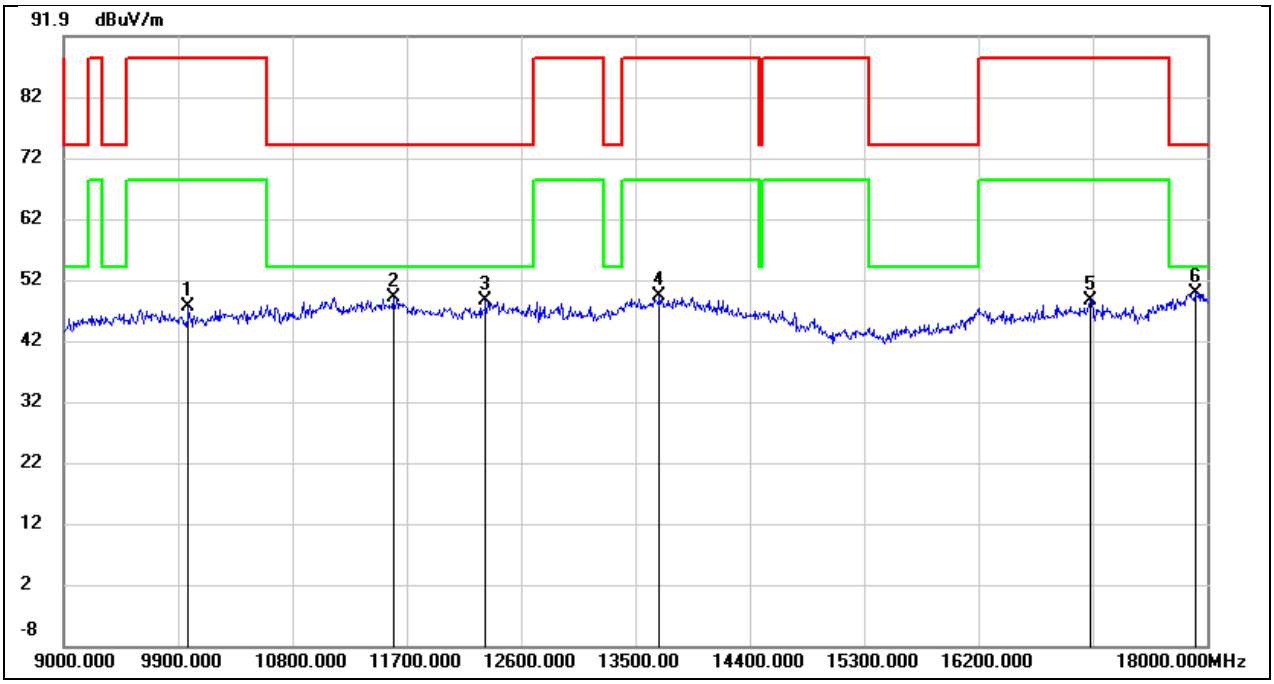
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9702.000	34.29	13.48	47.77	68.20	-20.43	peak
2	11052.000	33.52	16.02	49.54	74.00	-24.46	peak
3	12303.000	28.36	19.33	47.69	74.00	-26.31	peak
4	13662.000	26.44	22.88	49.32	68.20	-18.88	peak
5	17073.000	25.40	23.29	48.69	68.20	-19.51	peak
6	17757.000	23.25	26.18	49.43	74.00	-24.57	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	6385
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



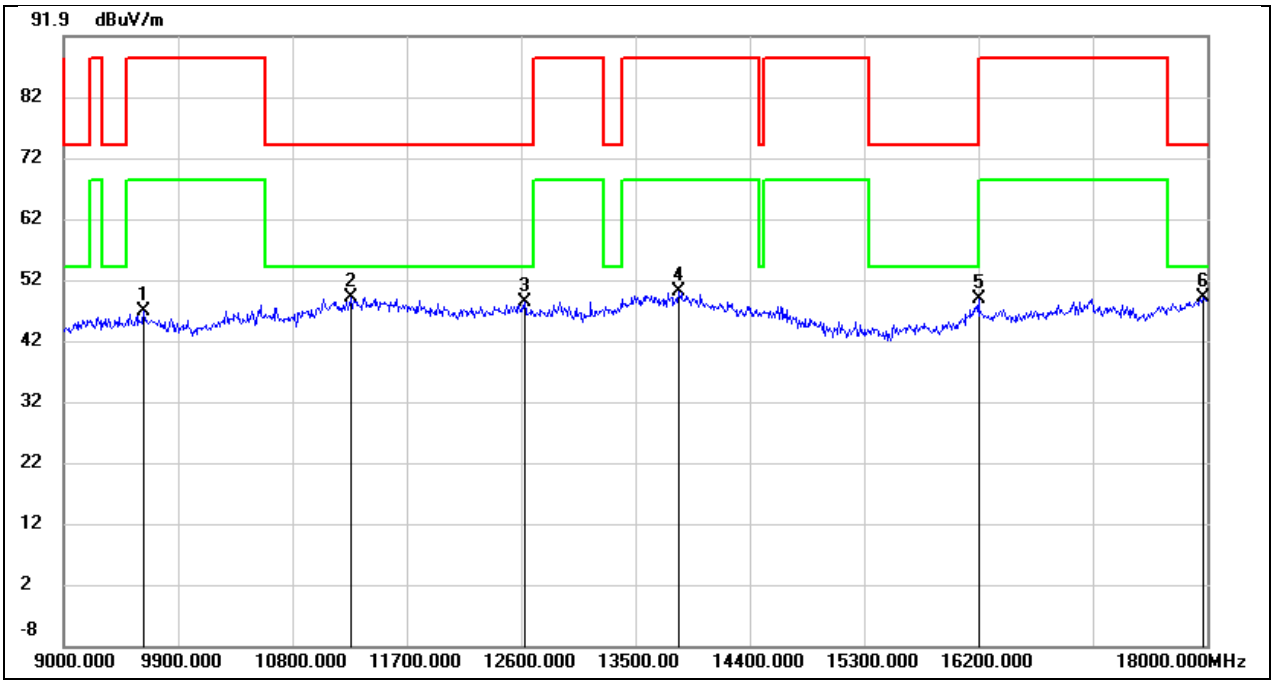
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9846.000	33.81	13.73	47.54	88.20	-40.66	peak
2	11556.000	31.51	18.10	49.61	74.00	-24.39	peak
3	12528.000	29.24	19.61	48.85	74.00	-25.15	peak
4	13860.000	26.97	23.22	50.19	88.20	-38.01	peak
5	17082.000	26.13	23.32	49.45	88.20	-38.75	peak
6	17982.000	21.97	27.96	49.93	74.00	-24.07	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	6385
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



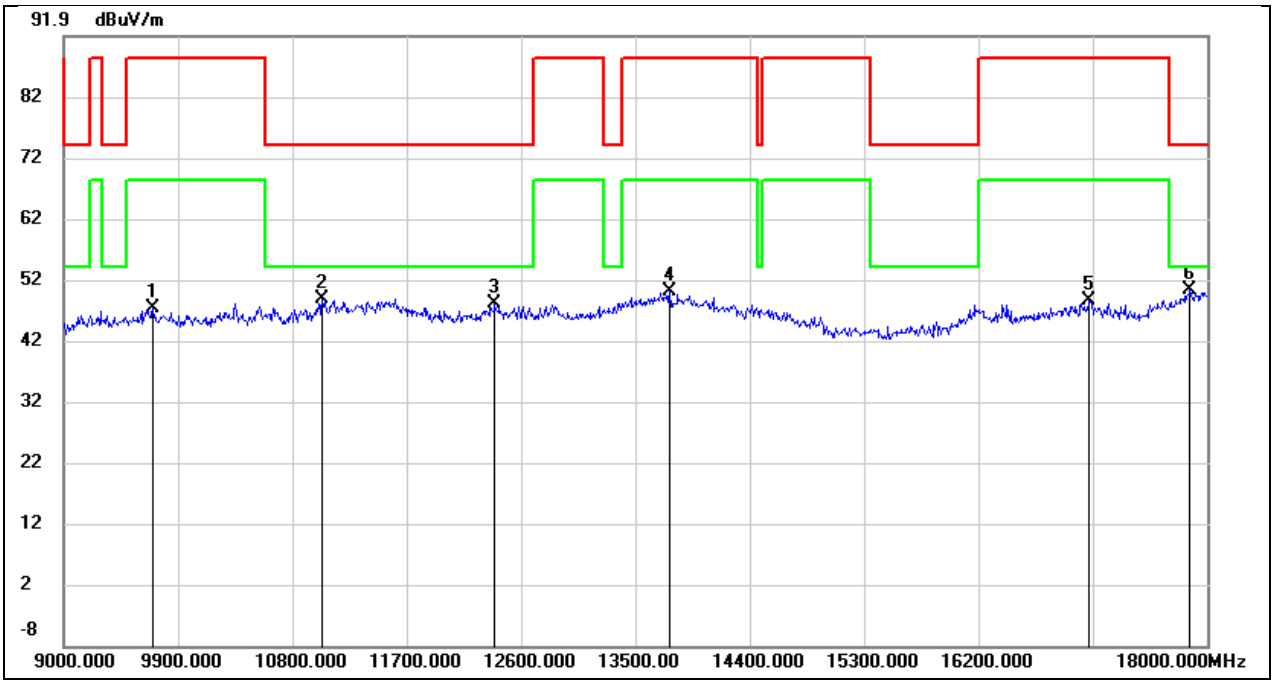
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9981.000	33.93	13.68	47.61	88.20	-40.59	peak
2	11592.000	30.71	18.27	48.98	74.00	-25.02	peak
3	12321.000	29.13	19.37	48.50	74.00	-25.50	peak
4	13689.000	26.38	22.92	49.30	88.20	-38.90	peak
5	17082.000	25.15	23.32	48.47	88.20	-39.73	peak
6	17910.000	22.42	27.37	49.79	74.00	-24.21	peak

Test Mode:	802.11ax HE160	Frequency(MHz):	6505
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



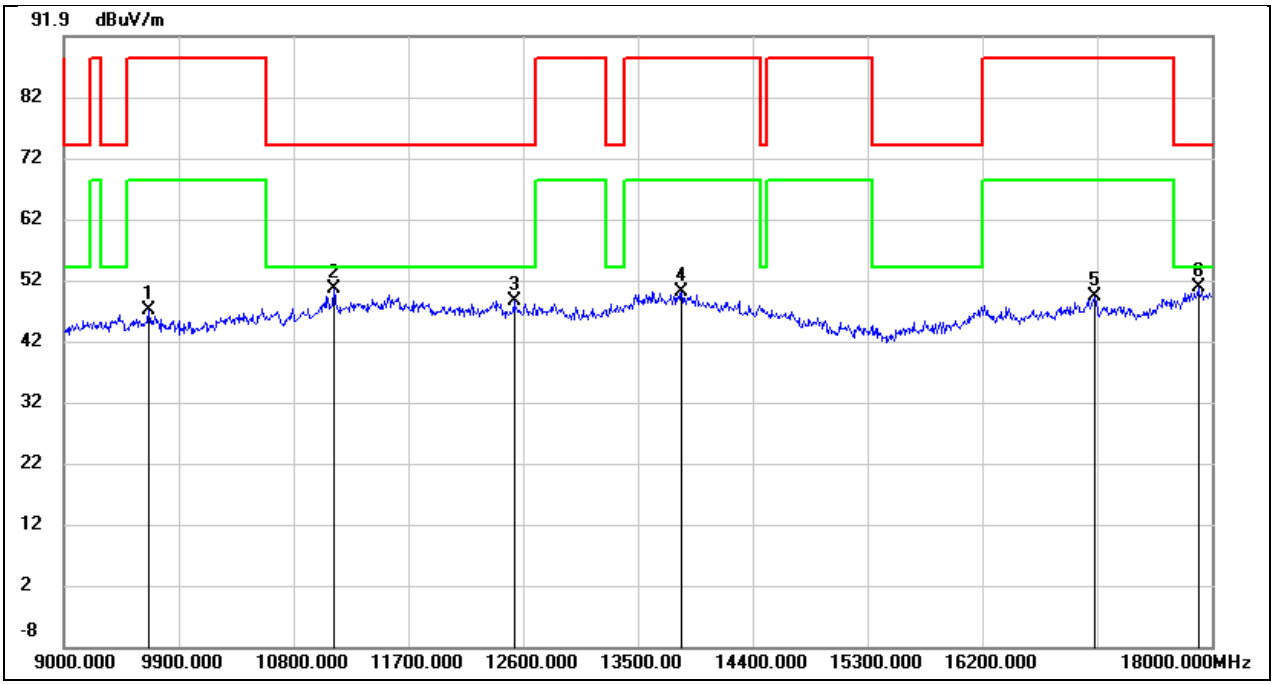
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9630.000	33.60	13.29	46.89	88.20	-41.31	peak
2	11259.000	32.22	16.76	48.98	74.00	-25.02	peak
3	12627.000	28.72	19.66	48.38	74.00	-25.62	peak
4	13842.000	26.93	23.17	50.10	88.20	-38.10	peak
5	16200.000	26.63	22.18	48.81	74.00	-25.19	peak
6	17973.000	21.07	27.88	48.95	74.00	-25.05	peak

Test Mode:	802.11ax HE160	Frequency(MHz):	6505
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



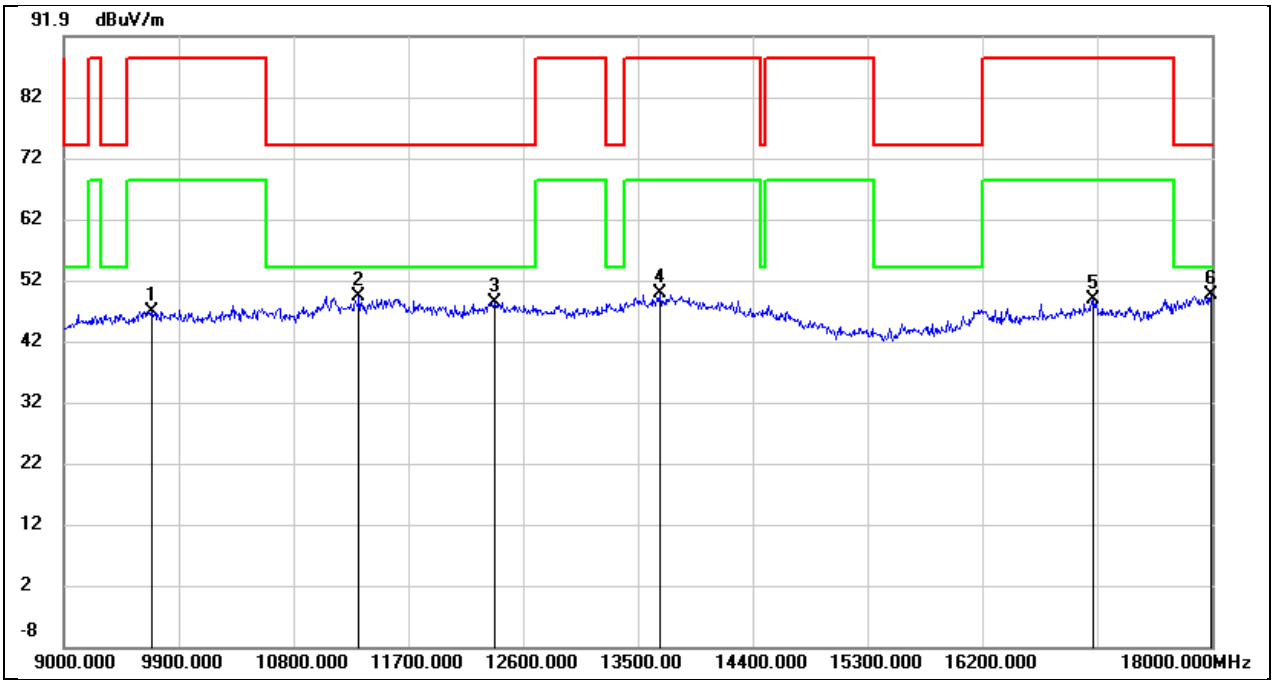
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9702.000	33.70	13.48	47.18	88.20	-41.02	peak
2	11034.000	32.87	15.96	48.83	74.00	-25.17	peak
3	12393.000	28.49	19.52	48.01	74.00	-25.99	peak
4	13770.000	27.05	23.04	50.09	88.20	-38.11	peak
5	17073.000	25.17	23.29	48.46	88.20	-39.74	peak
6	17865.000	23.18	27.00	50.18	74.00	-23.82	peak

Test Mode:	802.11ax HE160	Frequency(MHz):	6825
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



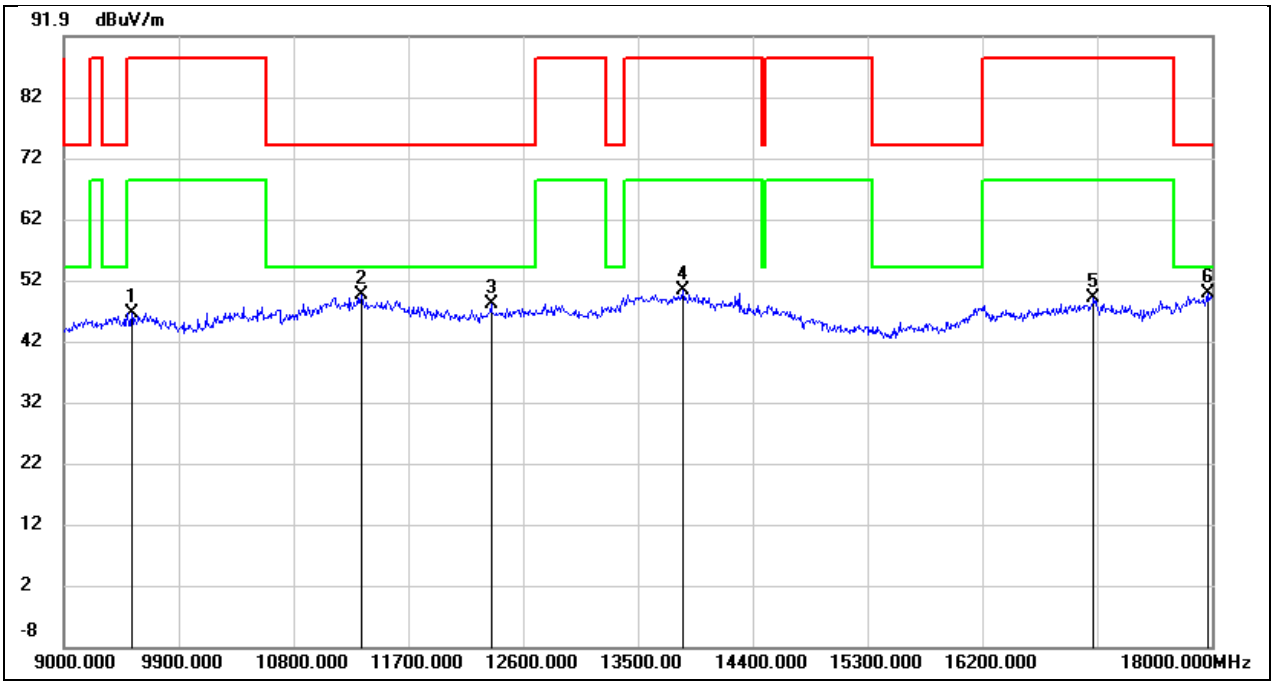
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9666.000	33.64	13.39	47.03	88.20	-41.17	peak
2	11115.000	34.36	16.24	50.60	74.00	-23.40	peak
3	12528.000	29.03	19.61	48.64	74.00	-25.36	peak
4	13842.000	26.95	23.17	50.12	88.20	-38.08	peak
5	17082.000	25.96	23.32	49.28	88.20	-38.92	peak
6	17892.000	23.50	27.22	50.72	74.00	-23.28	peak

Test Mode:	802.11ax HE160	Frequency(MHz):	6825
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



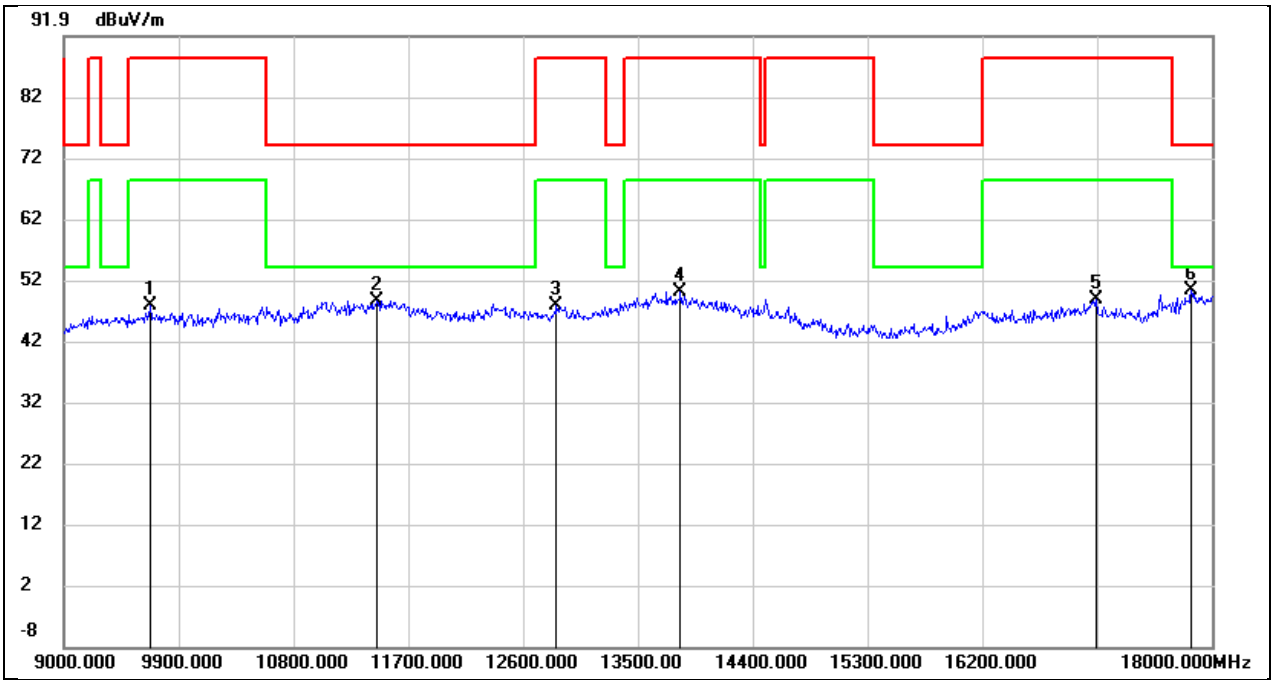
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9684.000	33.45	13.43	46.88	88.20	-41.32	peak
2	11313.000	32.40	16.97	49.37	74.00	-24.63	peak
3	12375.000	28.80	19.49	48.29	74.00	-25.71	peak
4	13671.000	26.98	22.91	49.89	88.20	-38.31	peak
5	17073.000	25.55	23.29	48.84	88.20	-39.36	peak
6	17991.000	21.58	28.02	49.60	74.00	-24.40	peak

Test Mode:	802.11ax HE160	Frequency(MHz):	6985
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9531.000	33.74	12.80	46.54	88.20	-41.66	peak
2	11331.000	32.42	17.03	49.45	74.00	-24.55	peak
3	12348.000	28.68	19.43	48.11	74.00	-25.89	peak
4	13851.000	27.00	23.20	50.20	88.20	-38.00	peak
5	17073.000	25.77	23.29	49.06	88.20	-39.14	peak
6	17964.000	22.00	27.81	49.81	74.00	-24.19	peak

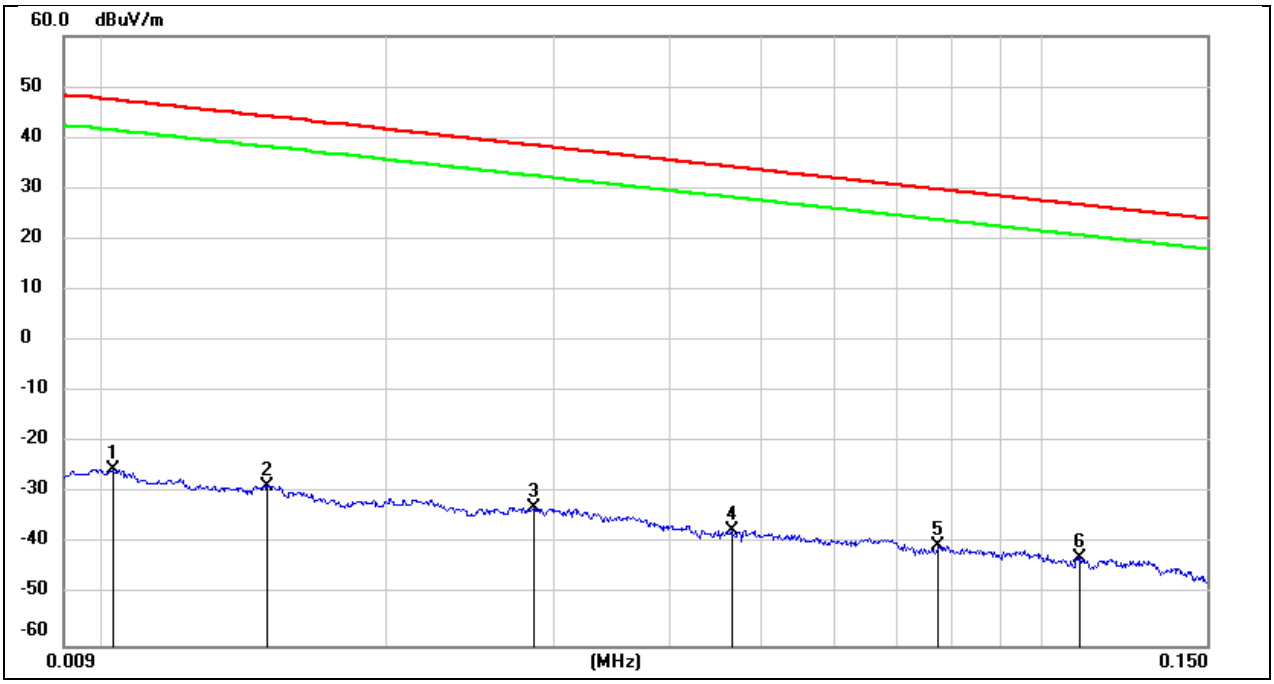
Test Mode:	802.11ax HE160	Frequency(MHz):	6985
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9675.000	34.28	13.41	47.69	88.20	-40.51	peak
2	11448.000	31.10	17.55	48.65	74.00	-25.35	peak
3	12861.000	27.80	20.07	47.87	88.20	-40.33	peak
4	13833.000	26.95	23.15	50.10	88.20	-38.10	peak
5	17091.000	25.38	23.34	48.72	88.20	-39.48	peak
6	17838.000	23.40	26.79	50.19	74.00	-23.81	peak

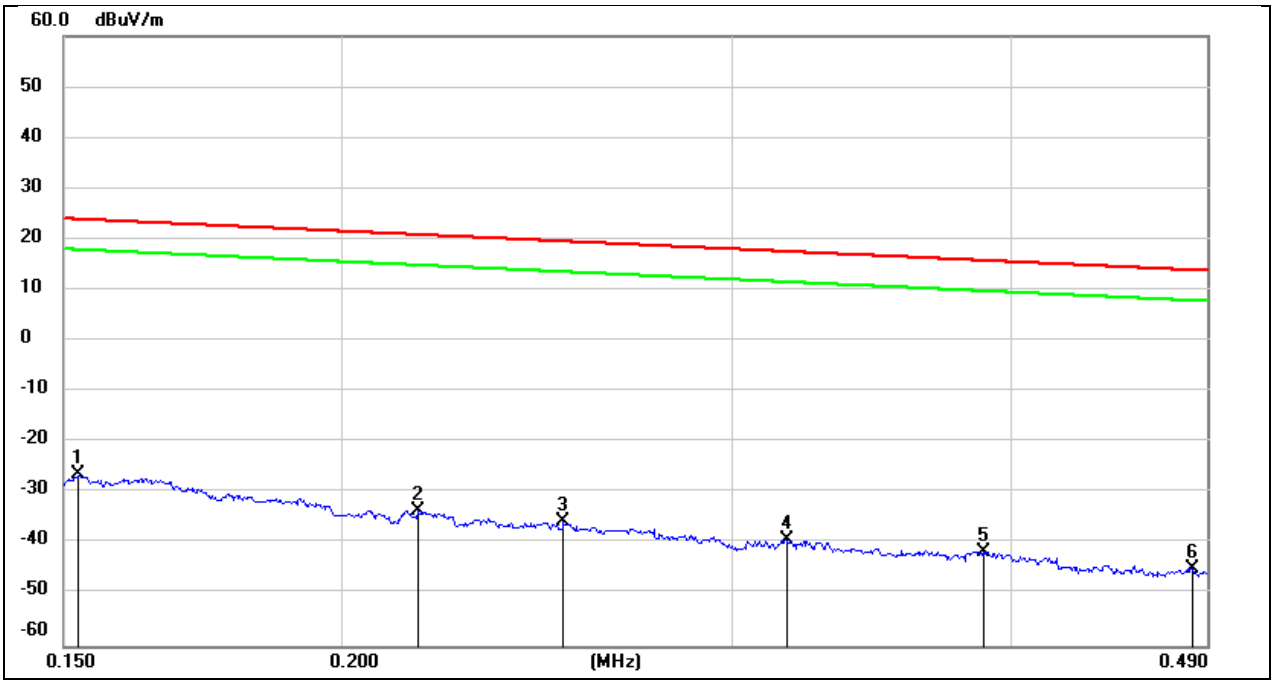
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11ax HE80	Frequency(MHz):	5895
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



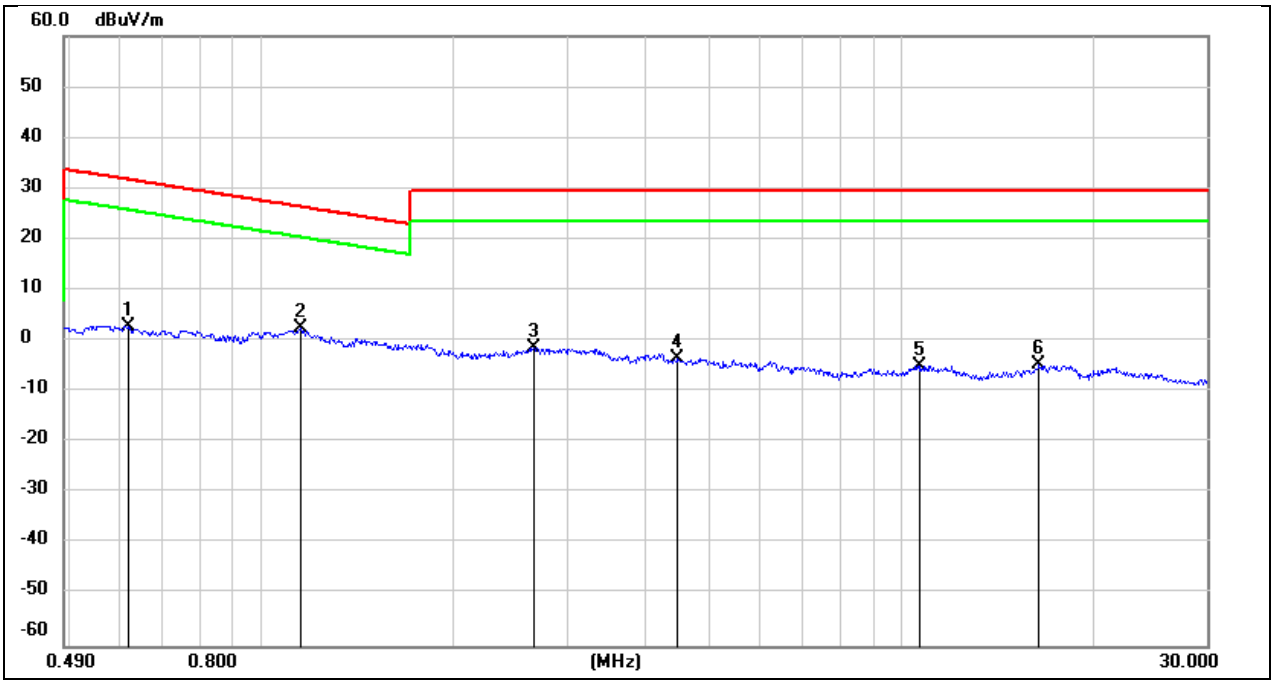
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0102	76.05	-101.40	-25.35	47.43	-72.78	peak
2	0.0149	72.87	-101.37	-28.50	44.14	-72.64	peak
3	0.0286	68.44	-101.38	-32.94	38.47	-71.41	peak
4	0.0466	64.17	-101.46	-37.29	34.23	-71.52	peak
5	0.0772	61.30	-101.61	-40.31	29.85	-70.16	peak
6	0.1100	58.92	-101.77	-42.85	26.78	-69.63	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	5895
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1524	75.30	-101.63	-26.33	23.94	-50.27	peak
2	0.2164	68.27	-101.75	-33.48	20.90	-54.38	peak
3	0.2515	66.20	-101.80	-35.60	19.59	-55.19	peak
4	0.3170	62.76	-101.87	-39.11	17.58	-56.69	peak
5	0.3886	60.44	-101.95	-41.51	15.81	-57.32	peak
6	0.4823	57.19	-102.04	-44.85	13.94	-58.79	peak

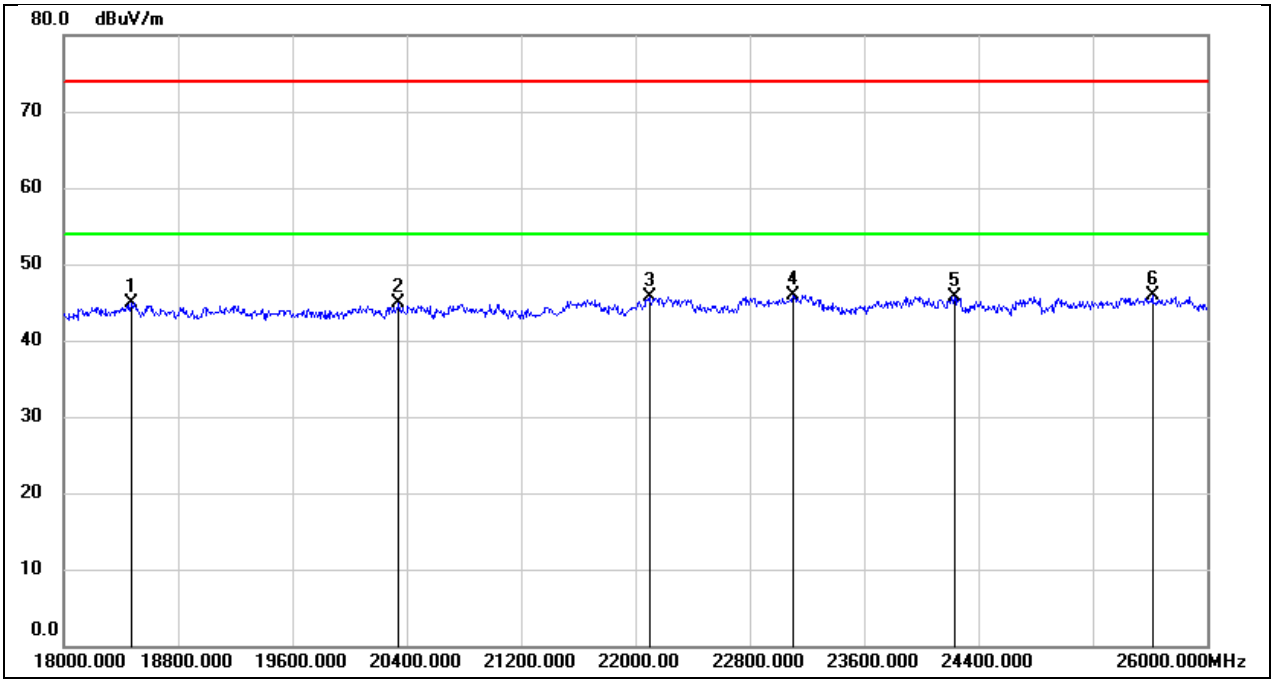
Test Mode:	802.11ax HE80	Frequency(MHz):	5895
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.6195	65.08	-62.09	2.99	31.76	-28.77	peak
2	1.1484	64.62	-62.21	2.41	26.40	-23.99	peak
3	2.6583	60.45	-61.66	-1.21	29.54	-30.75	peak
4	4.4739	57.88	-61.40	-3.52	29.54	-33.06	peak
5	10.7004	55.86	-60.83	-4.97	29.54	-34.51	peak
6	16.3959	56.17	-60.96	-4.79	29.54	-34.33	peak

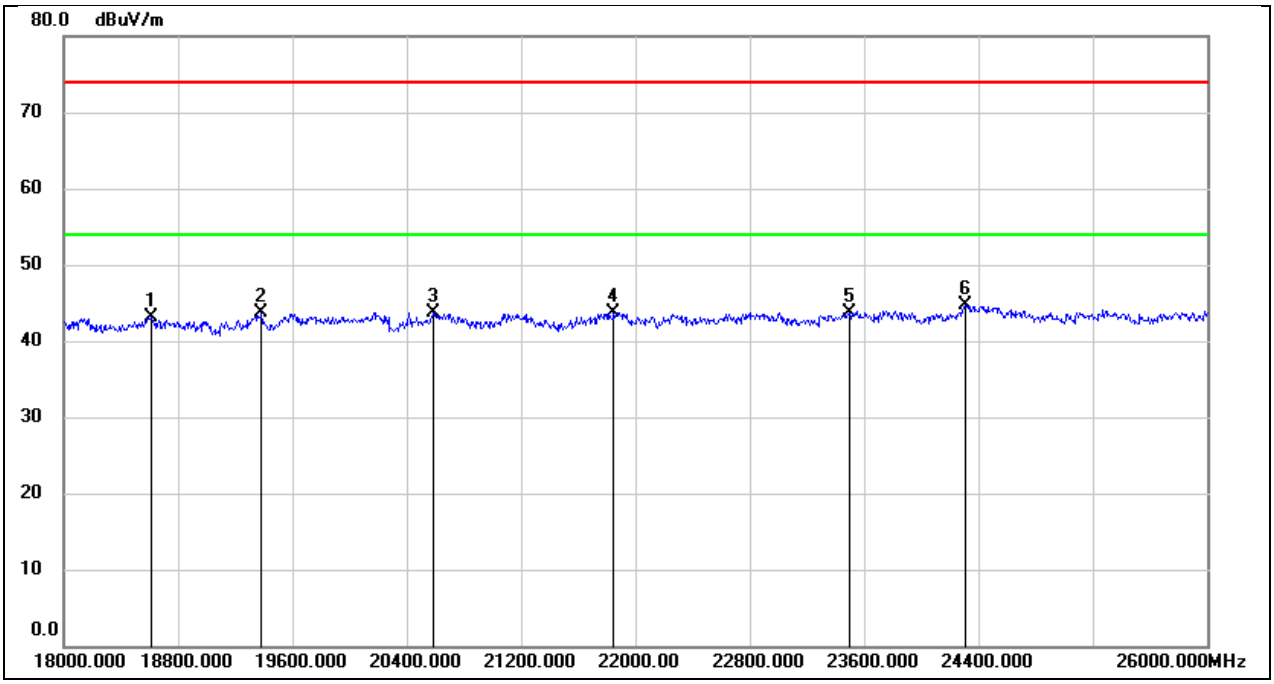
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11ax HE80	Frequency(MHz):	5895
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18472.000	50.26	-5.28	44.98	74.00	-29.02	peak
2	20344.000	50.41	-5.52	44.89	74.00	-29.11	peak
3	22096.000	50.04	-4.38	45.66	74.00	-28.34	peak
4	23104.000	49.29	-3.41	45.88	74.00	-28.12	peak
5	24232.000	48.60	-2.82	45.78	74.00	-28.22	peak
6	25616.000	47.18	-1.24	45.94	74.00	-28.06	peak

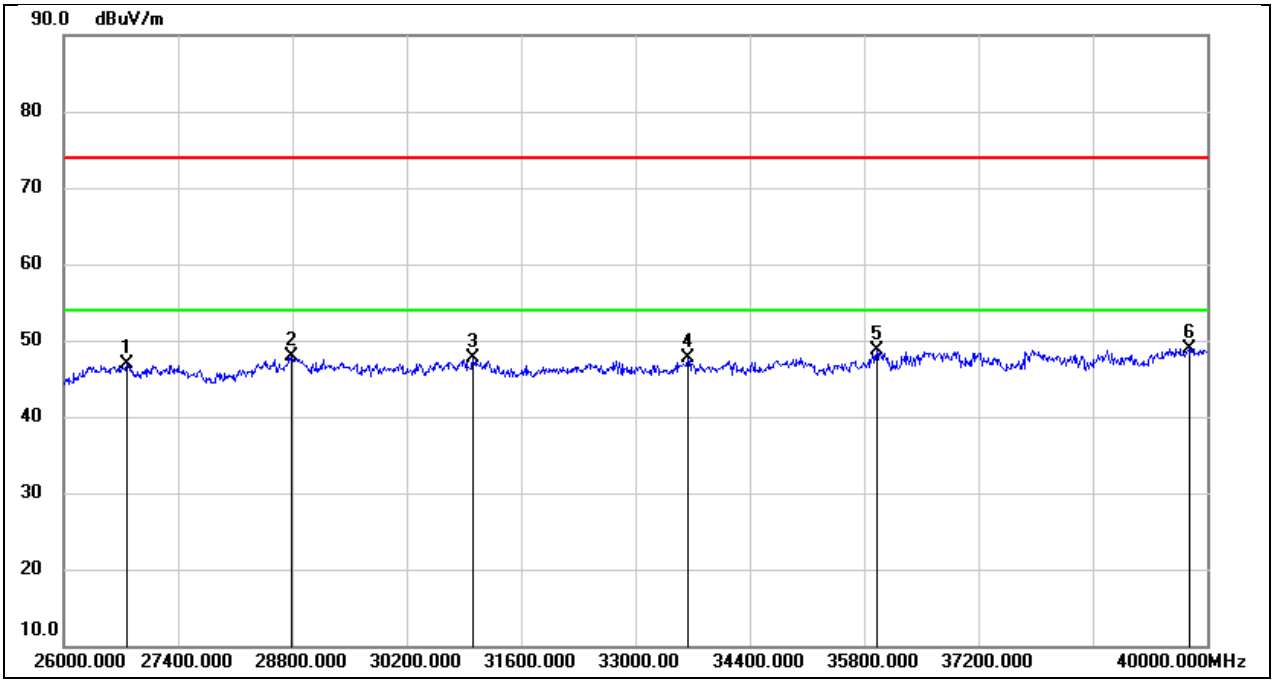
Test Mode:	802.11ax HE80	Frequency(MHz):	5895
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18616.000	48.39	-5.34	43.05	74.00	-30.95	peak
2	19384.000	49.22	-5.57	43.65	74.00	-30.35	peak
3	20584.000	49.00	-5.27	43.73	74.00	-30.27	peak
4	21848.000	48.08	-4.39	43.69	74.00	-30.31	peak
5	23496.000	46.92	-3.14	43.78	74.00	-30.22	peak
6	24304.000	47.39	-2.72	44.67	74.00	-29.33	peak

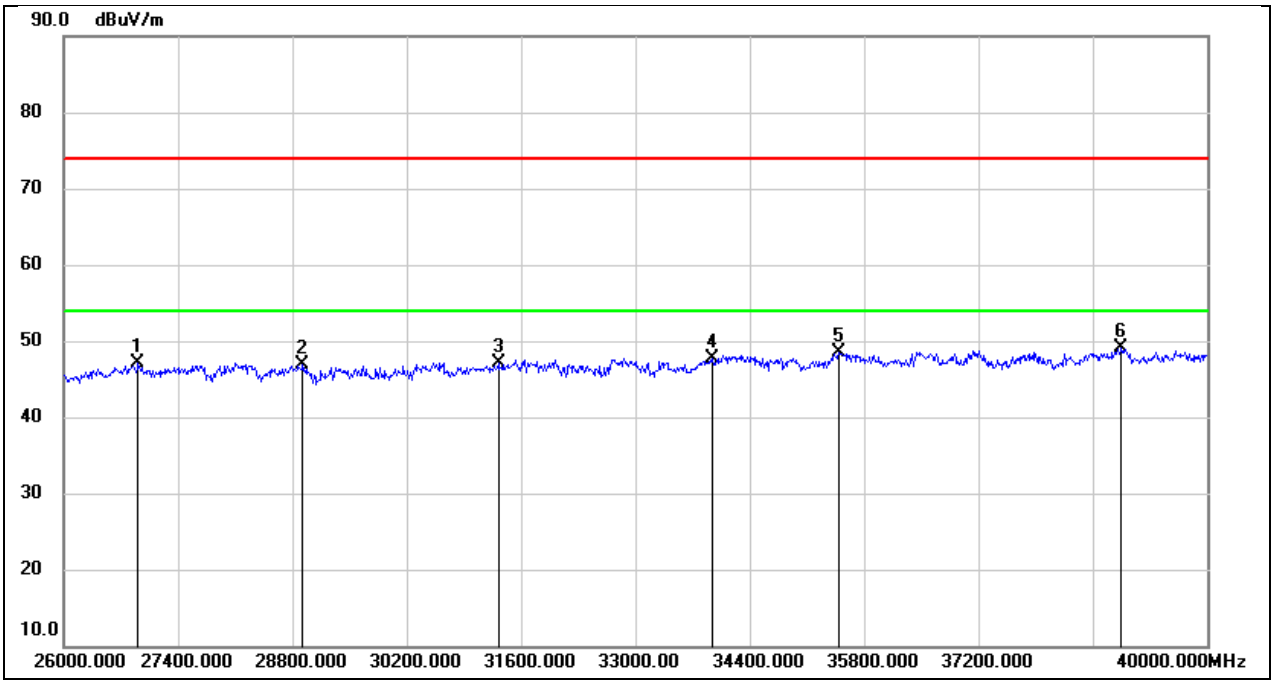
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11ax HE80	Frequency(MHz):	5895
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26770.000	51.70	-4.83	46.87	74.00	-27.13	peak
2	28786.000	48.49	-0.64	47.85	74.00	-26.15	peak
3	31012.000	48.33	-0.71	47.62	74.00	-26.38	peak
4	33644.000	47.31	0.42	47.73	74.00	-26.27	peak
5	35954.000	44.84	3.94	48.78	74.00	-25.22	peak
6	39776.000	44.05	4.84	48.89	74.00	-25.11	peak

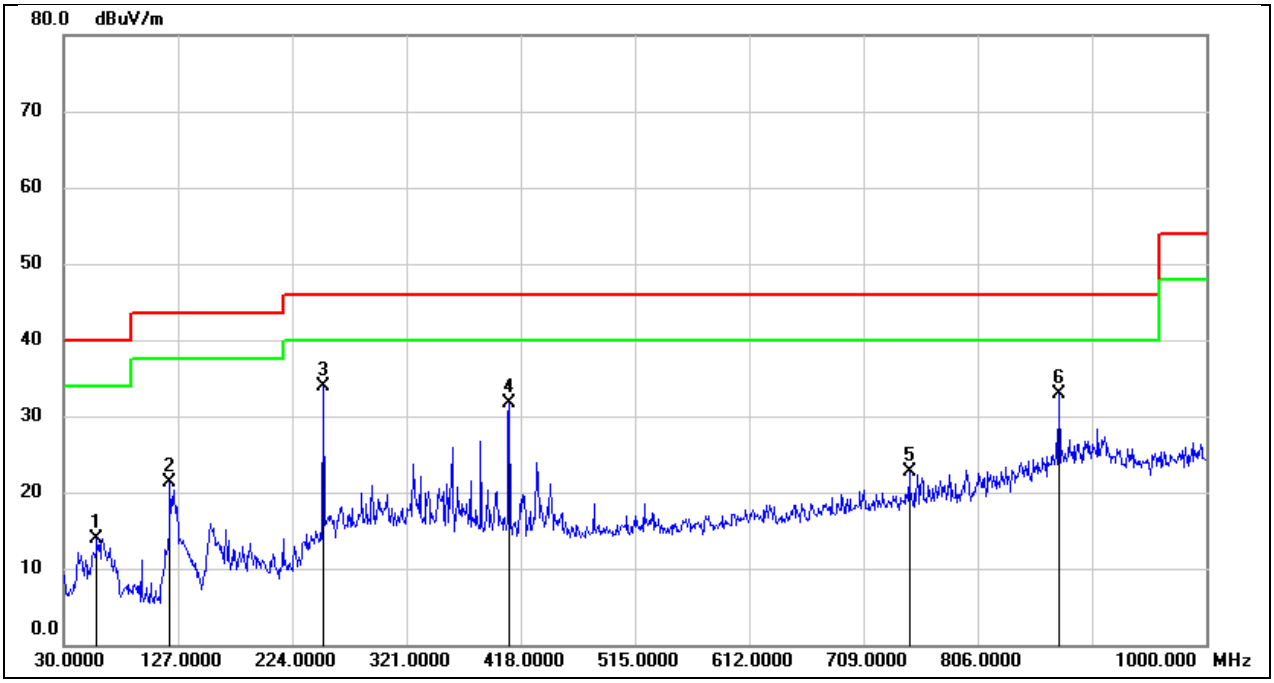
Test Mode:	802.11ax HE80	Frequency(MHz):	5895
Polarity:	Vertical	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26910.000	51.14	-4.11	47.03	74.00	-26.97	peak
2	28926.000	48.14	-1.15	46.99	74.00	-27.01	peak
3	31320.000	48.11	-0.93	47.18	74.00	-26.82	peak
4	33938.000	46.78	0.91	47.69	74.00	-26.31	peak
5	35492.000	45.98	2.54	48.52	74.00	-25.48	peak
6	38950.000	44.83	4.31	49.14	74.00	-24.86	peak

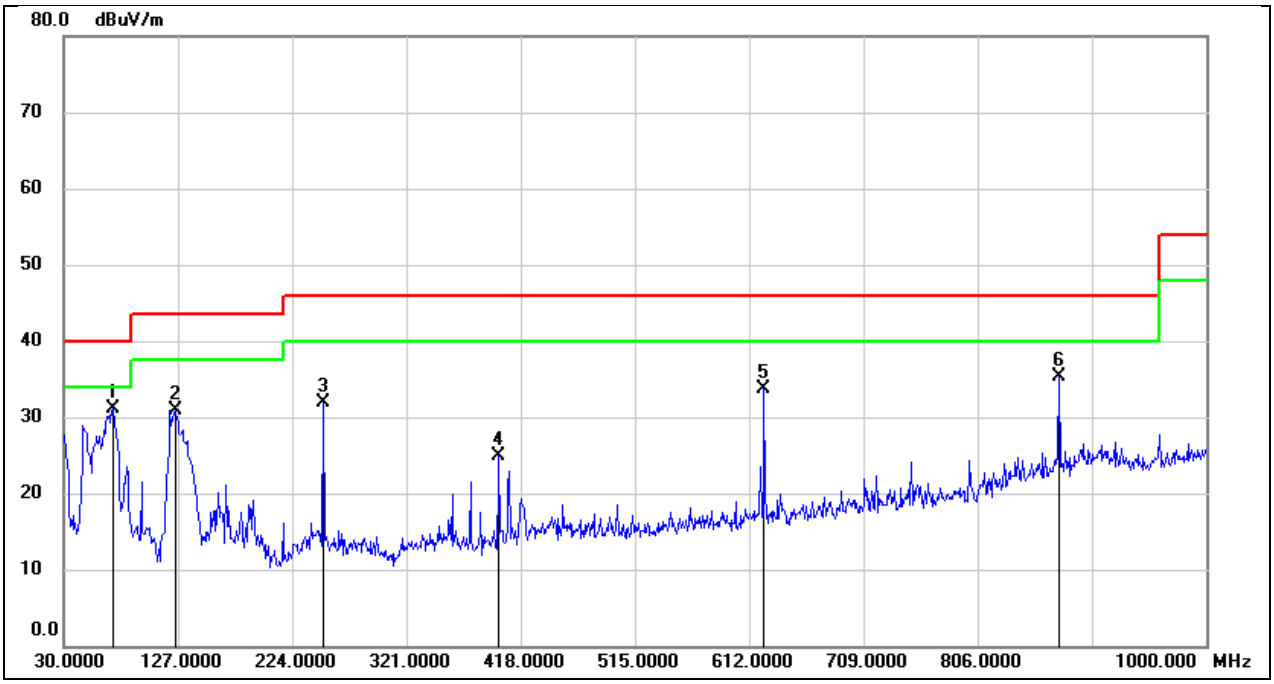
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11ax HE80	Frequency(MHz):	5895
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	58.1300	28.78	-14.95	13.83	40.00	-26.17	peak
2	120.2100	35.92	-14.70	21.22	43.50	-22.28	peak
3	250.1900	48.37	-14.56	33.81	46.00	-12.19	peak
4	408.3000	41.15	-9.36	31.79	46.00	-14.21	peak
5	747.8000	26.20	-3.57	22.63	46.00	-23.37	peak
6	874.8700	33.86	-0.87	32.99	46.00	-13.01	peak

Test Mode:	802.11ax HE80	Frequency(MHz):	5895
Polarity:	Horizontal	Test Voltage:	AC 120V_60Hz

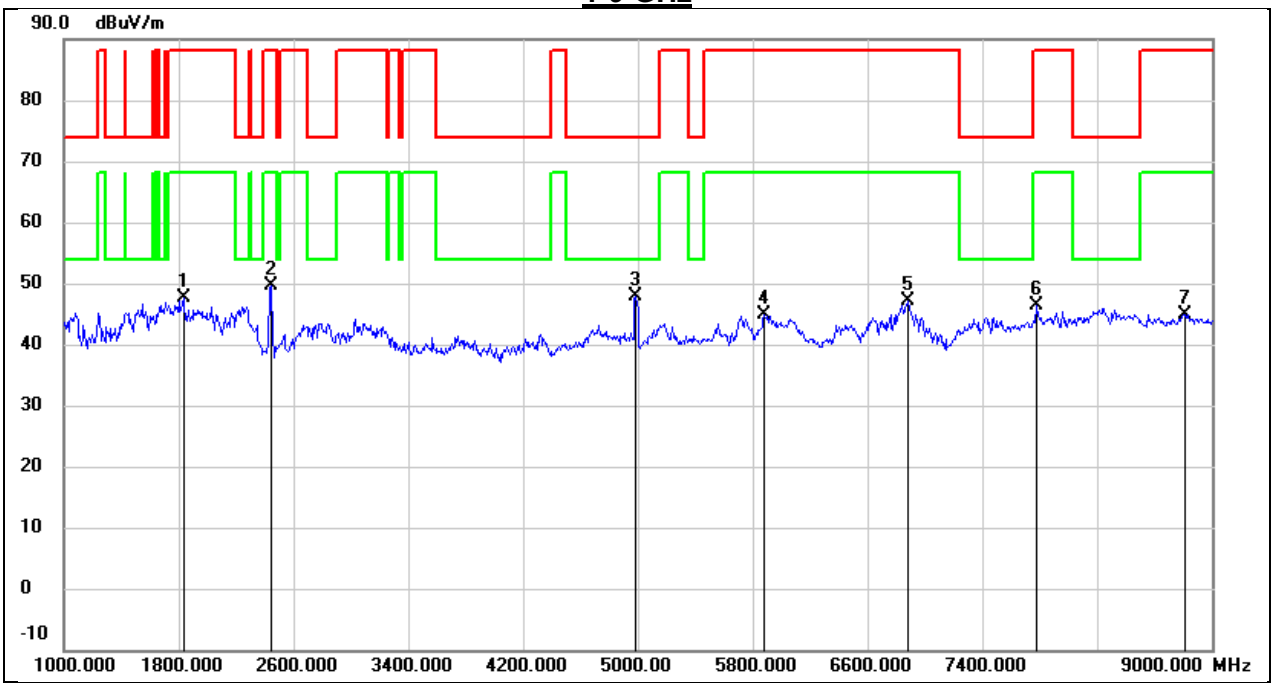


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	71.7100	46.51	-15.43	31.08	40.00	-8.92	peak
2	125.0600	45.43	-14.56	30.87	43.50	-12.63	peak
3	250.1900	46.47	-14.56	31.91	46.00	-14.09	peak
4	399.5700	34.56	-9.61	24.95	46.00	-21.05	peak
5	624.6100	39.32	-5.67	33.65	46.00	-12.35	peak
6	874.8700	36.10	-0.87	35.23	46.00	-10.77	peak

8.8. SPURIOUS EMISSIONS FOR SIMULTANEOUS TRANSMISSION

SPURIOUS EMISSIONS (BT 8DPSK MID CHANNEL, WIFI 6G 11AX80 MODE UNII-5 LOW CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)

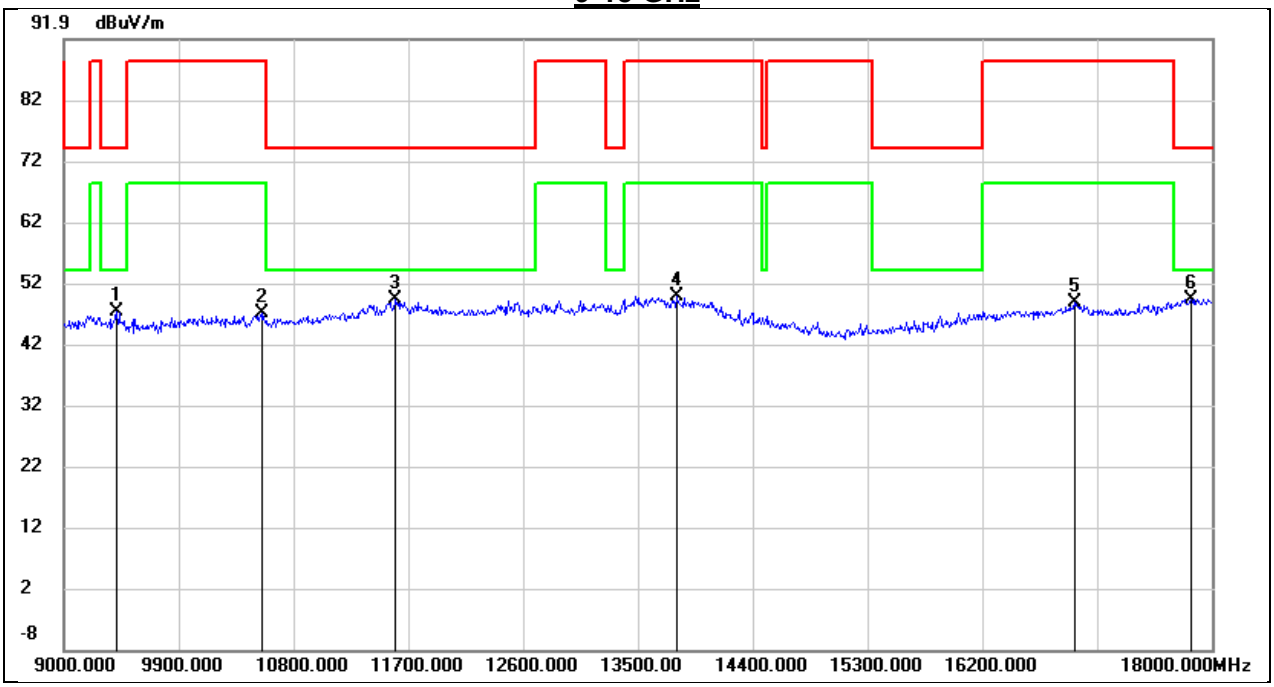
1-9 GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1832.000	57.81	-10.11	47.70	88.20	-40.50	peak
2	2440.000	58.05	-8.46	49.59	88.20	-38.61	peak
3	4984.000	46.16	1.82	47.98	74.00	-26.02	peak
4	5880.000	40.21	4.78	44.99	88.20	-43.21	peak
5	6880.000	40.62	6.62	47.24	88.20	-40.96	peak
6	7776.000	38.51	7.97	46.48	88.20	-41.72	peak
7	8816.000	35.28	9.59	44.87	88.20	-43.33	peak

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

9-18 GHz

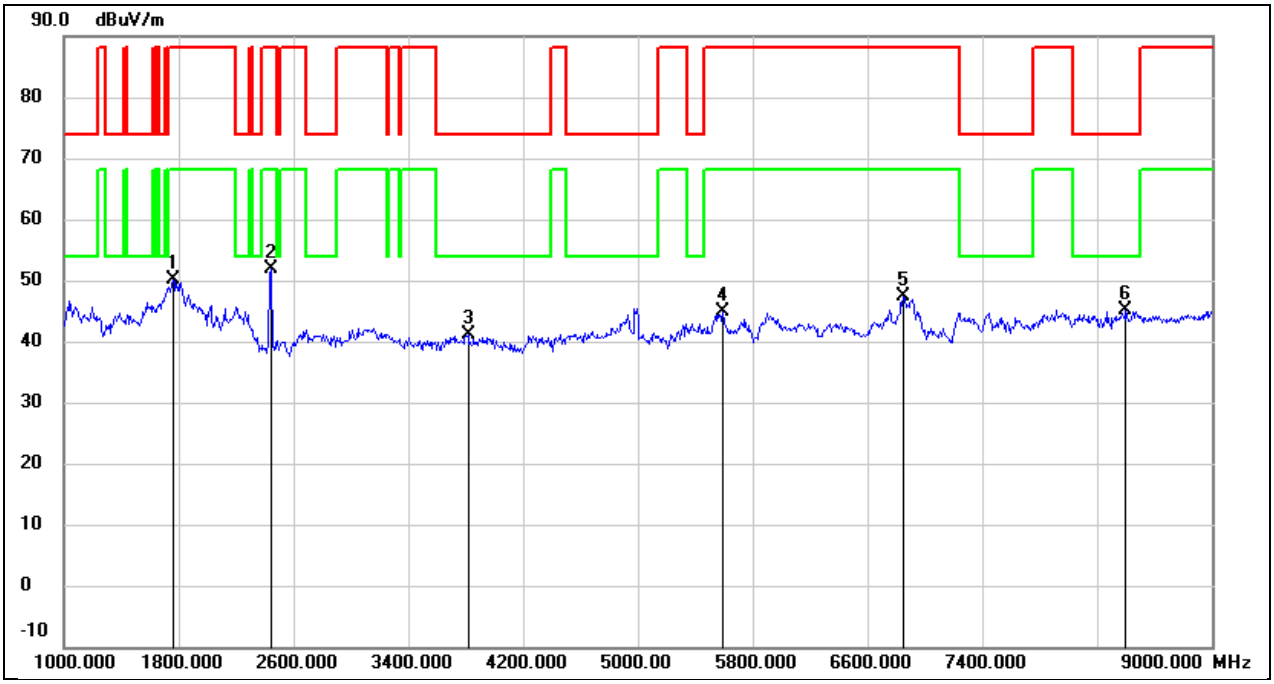


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9414.000	35.27	12.10	47.37	74.00	-26.63	peak
2	10557.000	32.20	14.83	47.03	88.20	-41.17	peak
3	11601.000	30.95	18.32	49.27	74.00	-24.73	peak
4	13806.000	26.72	23.09	49.81	88.20	-38.39	peak
5	16920.000	25.94	22.76	48.70	88.20	-39.50	peak
6	17838.000	22.60	26.79	49.39	74.00	-24.61	peak

Note:
1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

SPURIOUS EMISSIONS (BT 8DPSK MID CHANNEL, WIFI 6G 11AX80 MODE UNII-5 LOW CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)

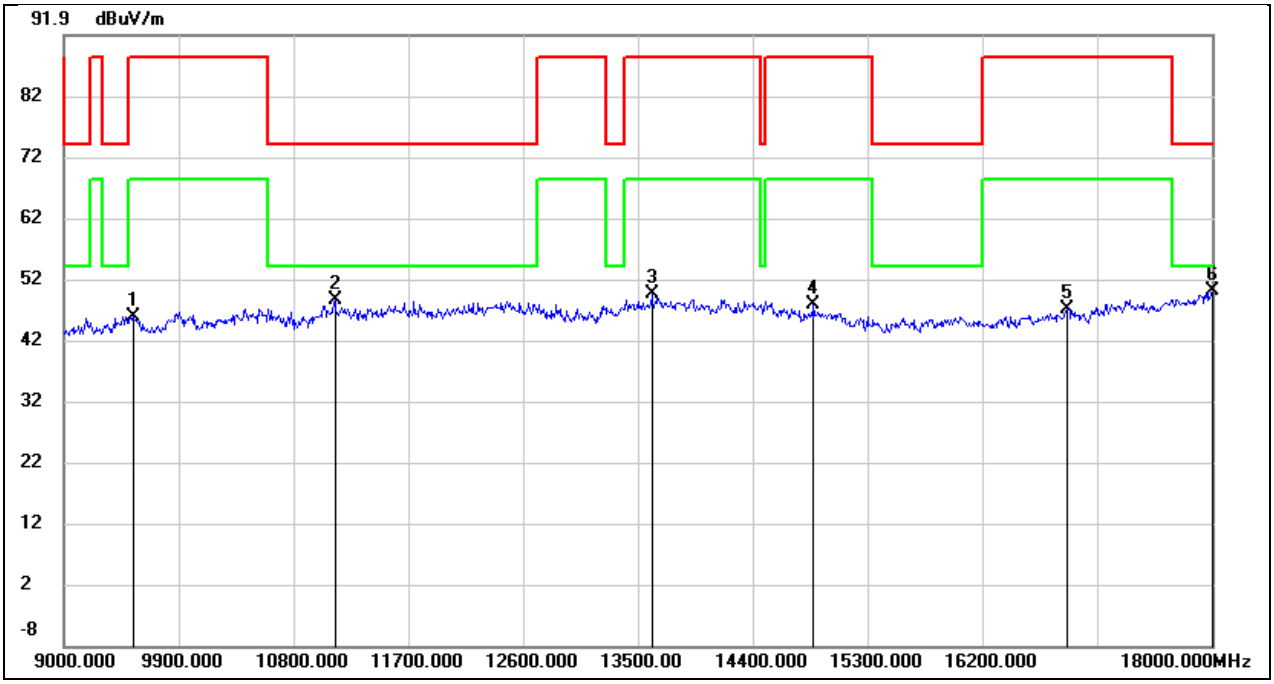
1-9 GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1760.000	60.37	-10.35	50.02	88.20	-38.18	peak
2	2440.000	60.27	-8.46	51.81	88.20	-36.39	peak
3	3816.000	43.89	-2.83	41.06	74.00	-32.94	peak
4	5592.000	41.38	3.47	44.85	88.20	-43.35	peak
5	6848.000	40.73	6.65	47.38	88.20	-40.82	peak
6	8400.000	36.16	8.86	45.02	74.00	-28.98	peak

1. Measurement = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

9-18 GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9540.000	33.03	12.85	45.88	88.20	-42.32	peak
2	11124.000	32.26	16.27	48.53	74.00	-25.47	peak
3	13608.000	26.63	22.81	49.44	88.20	-38.76	peak
4	14877.000	28.22	19.47	47.69	88.20	-40.51	peak
5	16866.000	24.49	22.53	47.02	88.20	-41.18	peak
6	18000.000	21.83	28.10	49.93	74.00	-24.07	peak

Note:
1. Peak Result = Reading Level + Correct Factor.
2. If the peak values are less than the average limit of 54 dBuV/m, the average result is deemed to comply with average limit.
3. Peak: Peak detector.
4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

Note: For spurious emissions in other bands, no worst spurious emission was found, do not report.

9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

*Decreases with the logarithm of the frequency.

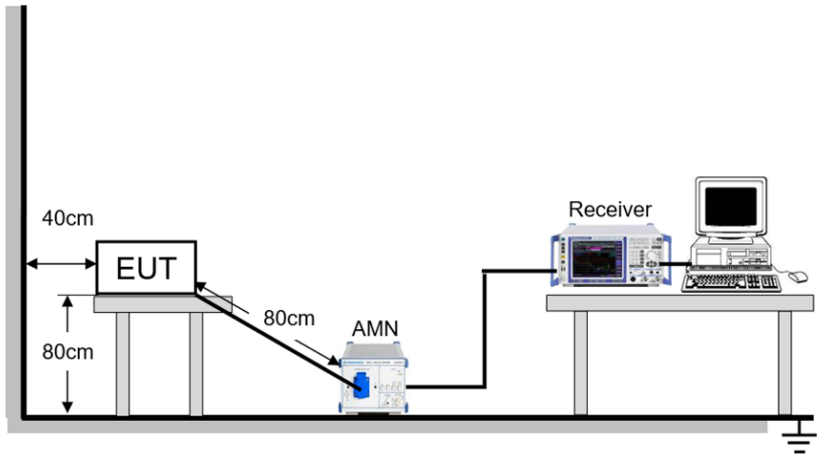
TEST PROCEDURE

Refer to ANSI C63.10-2020 clause 6.2.

The EUT is put on a table of non-conducting material that is 80 cm high. The vertical conducting wall of shielding is located 40 cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10-2020.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9 kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST SETUP



TEST ENVIRONMENT

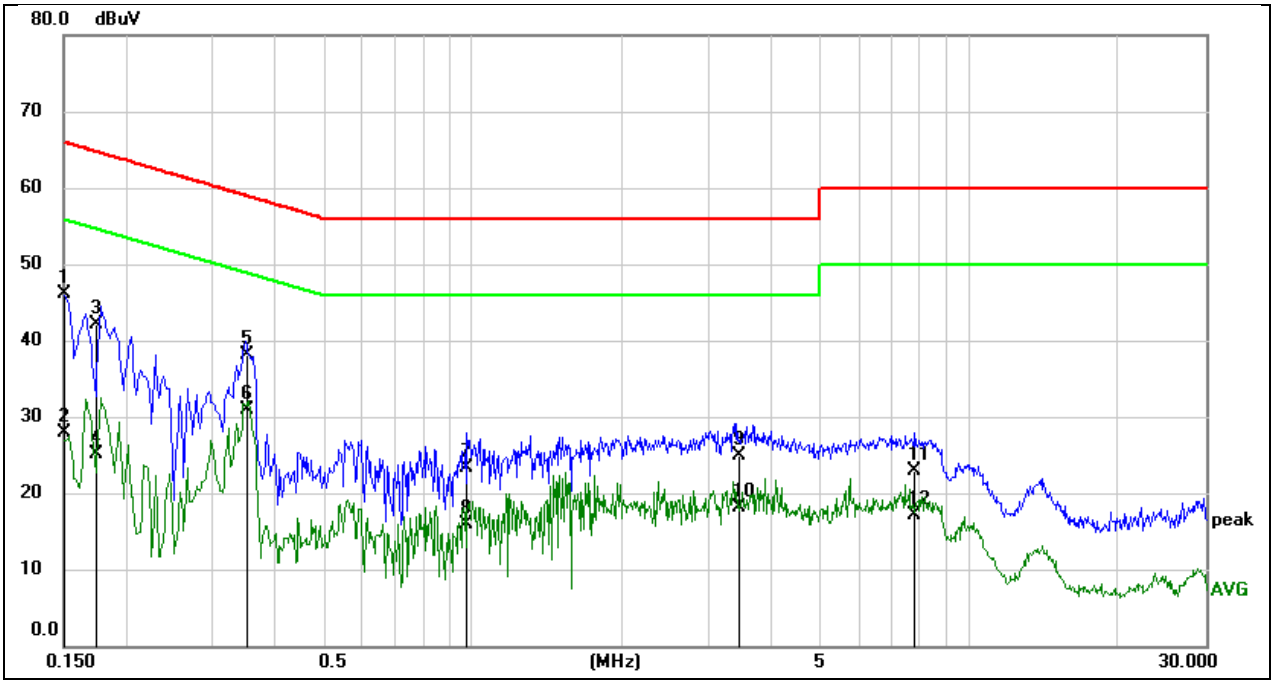
Temperature	24℃	Relative Humidity	53%
Atmosphere Pressure	101kPa	Test Voltage	AC 120V_60Hz

TEST DATE / ENGINEER

Test Date	November 21, 2025	Test By	Deacon Tan

TEST RESULTS

Test Mode:	802.11ax HE80	Frequency(MHz):	5895
Line:	Line		

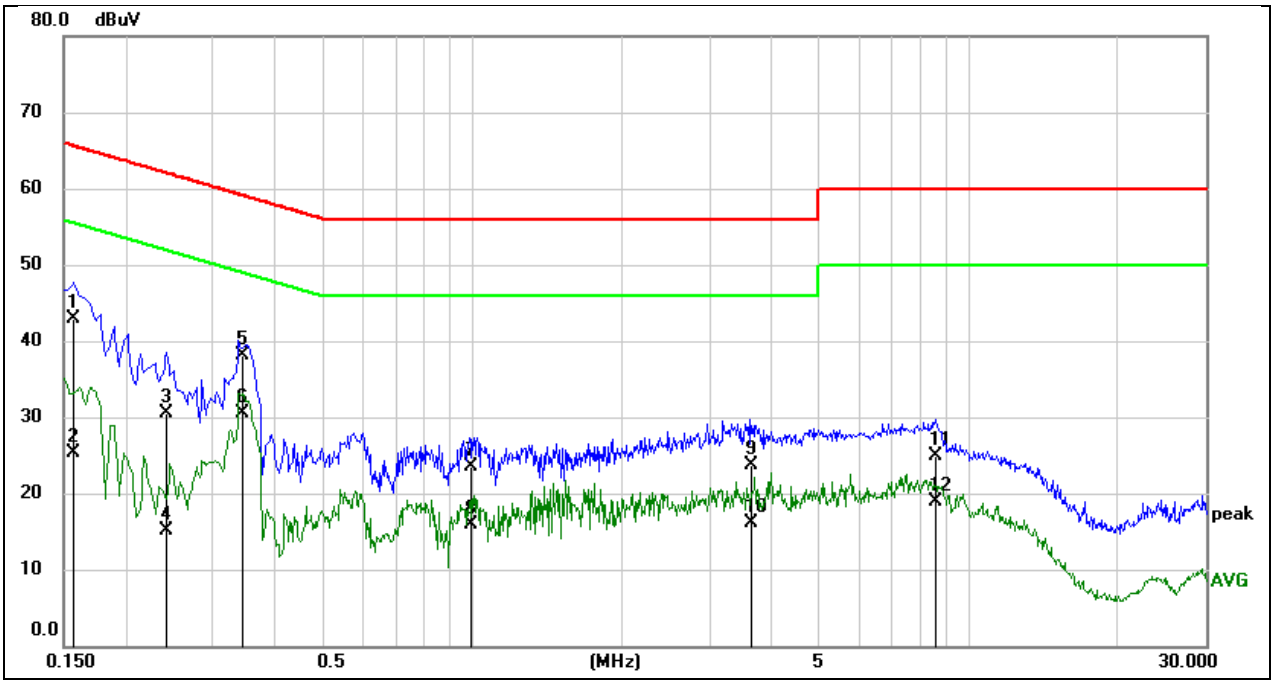


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1505	36.28	9.74	46.02	65.97	-19.95	QP
2	0.1505	18.14	9.74	27.88	55.97	-28.09	AVG
3	0.1741	32.32	9.69	42.01	64.76	-22.75	QP
4	0.1741	15.32	9.69	25.01	54.76	-29.75	AVG
5	0.3506	28.42	9.64	38.06	58.95	-20.89	QP
6	0.3506	21.18	9.64	30.82	48.95	-18.13	AVG
7	0.9712	13.76	9.63	23.39	56.00	-32.61	QP
8	0.9712	6.25	9.63	15.88	46.00	-30.12	AVG
9	3.4478	15.16	9.73	24.89	56.00	-31.11	QP
10	3.4478	8.42	9.73	18.15	46.00	-27.85	AVG
11	7.7931	13.19	9.73	22.92	60.00	-37.08	QP
12	7.7931	7.32	9.73	17.05	50.00	-32.95	AVG

Note:
1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

Test Mode:	802.11ax HE80	Frequency(MHz):	5895
Line:	Neutral		



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1580	33.36	9.64	43.00	65.57	-22.57	QP
2	0.1580	15.71	9.64	25.35	55.57	-30.22	AVG
3	0.2412	20.81	9.64	30.45	62.05	-31.60	QP
4	0.2412	5.40	9.64	15.04	52.05	-37.01	AVG
5	0.3427	28.39	9.64	38.03	59.14	-21.11	QP
6	0.3427	20.84	9.64	30.48	49.14	-18.66	AVG
7	0.9967	13.84	9.63	23.47	56.00	-32.53	QP
8	0.9967	6.31	9.63	15.94	46.00	-30.06	AVG
9	3.6466	14.06	9.63	23.69	56.00	-32.31	QP
10	3.6466	6.52	9.63	16.15	46.00	-29.85	AVG
11	8.5754	15.15	9.73	24.88	60.00	-35.12	QP
12	8.5754	9.23	9.73	18.96	50.00	-31.04	AVG

Note:
1. Result = Reading + Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz ~ 150 kHz), 9 kHz (150 kHz ~ 30 MHz).
4. Step size: 80 Hz (0.009 MHz ~ 0.15 MHz), 4 kHz (0.15 MHz ~ 30 MHz), Scan time: auto.

Note: All the modes have been tested, only the worst data was recorded in the report.

10. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to FCC part 15.203
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC part 15.407(a)
For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

DESCRIPTION

Pass

11. TEST DATA

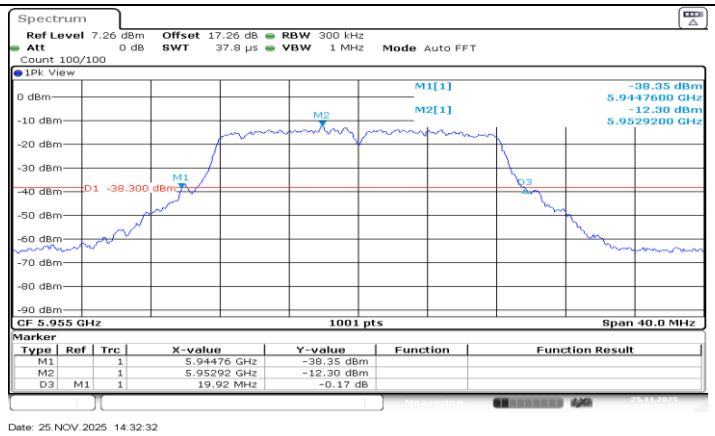
11.1. APPENDIX A1: EMISSION BANDWIDTH

11.1.1. Test Result-Indoor Client

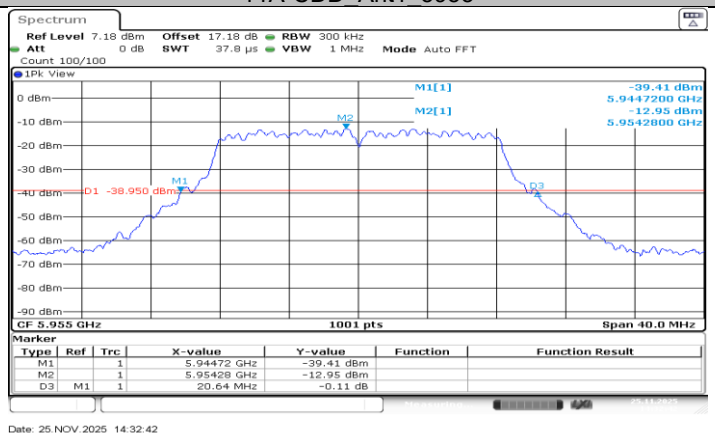
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A-CDD	Ant1	5955	19.92	5944.76	5964.68	PASS
	Ant2	5955	20.64	5944.72	5965.36	PASS
	Ant1	6175	20.12	6164.68	6184.80	PASS
	Ant2	6175	19.88	6164.84	6184.72	PASS
	Ant1	6415	19.44	6404.96	6424.40	PASS
	Ant2	6415	19.48	6405.24	6424.72	PASS
	Ant1	6435	20.20	6424.68	6444.88	PASS
	Ant2	6435	19.52	6425.24	6444.76	PASS
	Ant1	6475	20.08	6464.72	6484.80	PASS
	Ant2	6475	20.48	6464.76	6485.24	PASS
	Ant1	6515	19.36	6505.28	6524.64	PASS
	Ant2	6515	19.80	6504.96	6524.76	PASS
	Ant1	6535	19.24	6525.20	6544.44	PASS
	Ant2	6535	19.76	6524.84	6544.60	PASS
	Ant1	6695	20.56	6684.68	6705.24	PASS
	Ant2	6695	20.36	6684.92	6705.28	PASS
	Ant1	6715	19.52	6705.00	6724.52	PASS
	Ant2	6715	20.24	6705.04	6725.28	PASS
	Ant1	6855	20.64	6844.68	6865.32	PASS
	Ant2	6855	19.48	6845.32	6864.80	PASS
	Ant1	6875	20.64	6864.68	6885.32	PASS
	Ant2	6875	19.92	6864.76	6884.68	PASS
	Ant1	7015	19.88	7004.76	7024.64	PASS
	Ant2	7015	20.00	7004.88	7024.88	PASS
	Ant1	7115	20.00	7104.72	7124.72	PASS
	Ant2	7115	20.00	7104.92	7124.92	PASS
11AX20MIMO	Ant1	5955	20.96	5944.64	5965.60	PASS
	Ant2	5955	21.32	5944.60	5965.92	PASS
	Ant1	6175	21.04	6164.52	6185.56	PASS
	Ant2	6175	21.00	6164.60	6185.60	PASS
	Ant1	6415	21.20	6404.48	6425.68	PASS
	Ant2	6415	21.08	6404.36	6425.44	PASS
	Ant1	6435	21.20	6424.44	6445.64	PASS
	Ant2	6435	21.32	6424.60	6445.92	PASS
	Ant1	6475	20.92	6464.68	6485.60	PASS
	Ant2	6475	21.00	6464.60	6485.60	PASS
	Ant1	6515	21.60	6504.24	6525.84	PASS
	Ant2	6515	21.12	6504.48	6525.60	PASS
	Ant1	6535	21.28	6524.36	6545.64	PASS
	Ant2	6535	21.12	6524.40	6545.52	PASS
	Ant1	6715	21.12	6704.52	6725.64	PASS
	Ant2	6715	21.12	6704.48	6725.60	PASS
	Ant1	6855	21.28	6844.48	6865.76	PASS
	Ant2	6855	21.08	6844.60	6865.68	PASS
	Ant1	6875	21.48	6864.16	6885.64	PASS
	Ant2	6875	20.96	6864.56	6885.52	PASS
	Ant1	7015	21.76	7004.28	7026.04	PASS
	Ant2	7015	21.44	7004.40	7025.84	PASS
	Ant1	7115	21.40	7104.36	7125.76	PASS
	Ant2	7115	21.44	7104.32	7125.76	PASS
11AX40MIMO	Ant1	5965	41.04	5944.36	5985.40	PASS
	Ant2	5965	40.72	5944.84	5985.56	PASS
	Ant1	6165	40.72	6144.76	6185.48	PASS

	Ant2	6165	40.80	6144.76	6185.56	PASS
	Ant1	6405	41.28	6384.44	6425.72	PASS
	Ant2	6405	40.88	6384.60	6425.48	PASS
	Ant1	6445	40.88	6424.68	6465.56	PASS
	Ant2	6445	40.72	6424.68	6465.40	PASS
	Ant1	6485	41.20	6464.36	6505.56	PASS
	Ant2	6485	41.04	6464.36	6505.40	PASS
	Ant1	6525	41.20	6504.36	6545.56	PASS
	Ant2	6525	40.72	6504.68	6545.40	PASS
	Ant1	6565	41.12	6544.60	6585.72	PASS
	Ant2	6565	40.56	6544.84	6585.40	PASS
	Ant1	6725	41.04	6704.52	6745.56	PASS
	Ant2	6725	40.88	6704.60	6745.48	PASS
	Ant1	6845	40.72	6824.60	6865.32	PASS
	Ant2	6845	40.72	6824.68	6865.40	PASS
	Ant1	6885	40.64	6864.76	6905.40	PASS
	Ant2	6885	40.72	6864.68	6905.40	PASS
	Ant1	7005	40.64	6984.60	7025.24	PASS
	Ant2	7005	40.72	6984.60	7025.32	PASS
	Ant1	7085	41.28	7064.44	7105.72	PASS
	Ant2	7085	40.80	7064.68	7105.48	PASS
11AX80MIMO	Ant1	5985	83.20	5943.40	6026.60	PASS
	Ant2	5985	83.20	5943.56	6026.76	PASS
	Ant1	6145	83.04	6103.72	6186.76	PASS
	Ant2	6145	82.40	6103.88	6186.28	PASS
	Ant1	6385	89.44	6340.04	6429.48	PASS
	Ant2	6385	88.16	6341.32	6429.48	PASS
	Ant1	6465	88.80	6420.20	6509.00	PASS
	Ant2	6465	88.32	6421.16	6509.48	PASS
	Ant1	6545	90.24	6499.72	6589.96	PASS
	Ant2	6545	88.80	6500.52	6589.32	PASS
	Ant1	6705	89.12	6660.68	6749.80	PASS
	Ant2	6705	88.96	6660.52	6749.48	PASS
	Ant1	6785	89.12	6740.36	6829.48	PASS
	Ant2	6785	88.16	6741.00	6829.16	PASS
	Ant1	6865	87.84	6821.00	6908.84	PASS
	Ant2	6865	87.84	6821.48	6909.32	PASS
	Ant1	6945	89.60	6900.68	6990.28	PASS
	Ant2	6945	88.00	6901.16	6989.16	PASS
	Ant1	7025	89.12	6981.16	7070.28	PASS
	Ant2	7025	87.68	6980.84	7068.52	PASS
11AX160MIMO	Ant1	6025	166.40	5941.80	6108.20	PASS
	Ant2	6025	165.76	5942.44	6108.20	PASS
	Ant1	6185	166.40	6102.44	6268.84	PASS
	Ant2	6185	166.40	6101.80	6268.20	PASS
	Ant1	6345	166.08	6262.12	6428.20	PASS
	Ant2	6345	165.12	6262.76	6427.88	PASS
	Ant1	6505	167.04	6421.48	6588.52	PASS
	Ant2	6505	165.12	6422.44	6587.56	PASS
	Ant1	6665	167.04	6581.48	6748.52	PASS
	Ant2	6665	166.08	6581.80	6747.88	PASS
	Ant1	6825	166.08	6741.80	6907.88	PASS
	Ant2	6825	166.08	6742.12	6908.20	PASS
	Ant1	6985	167.68	6900.84	7068.52	PASS
	Ant2	6985	165.76	6901.80	7067.56	PASS

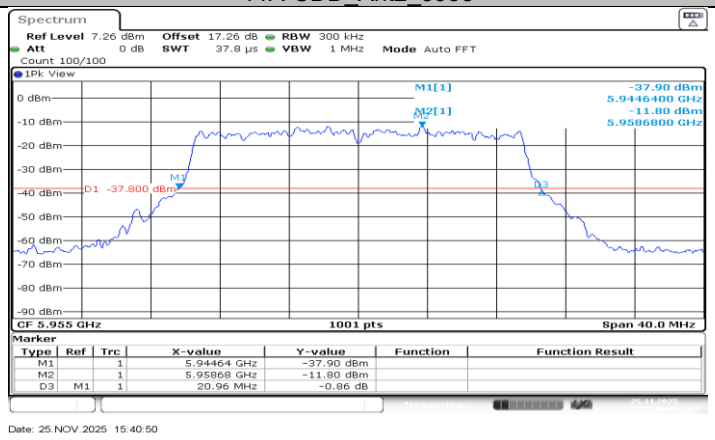
11.1.2. Test Graphs-Indoor Client



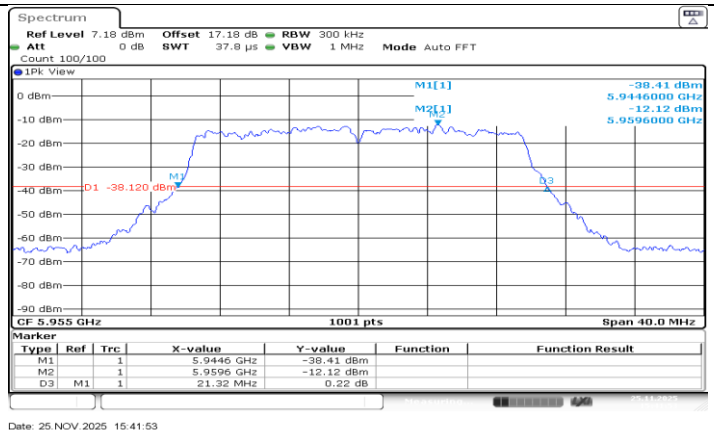
11A-CDD_Ant1_5955



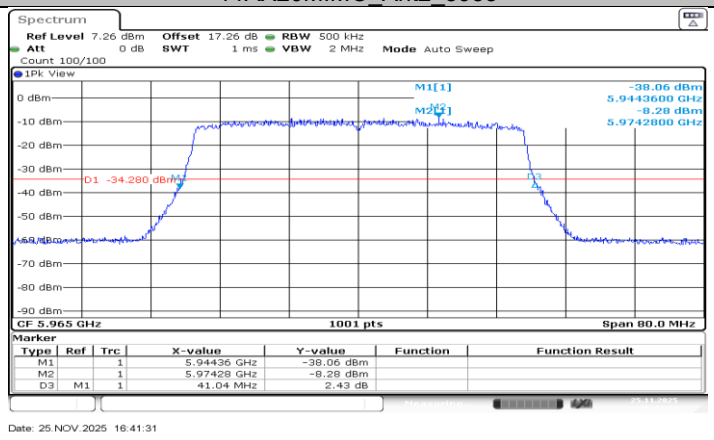
11A-CDD_Ant2_5955



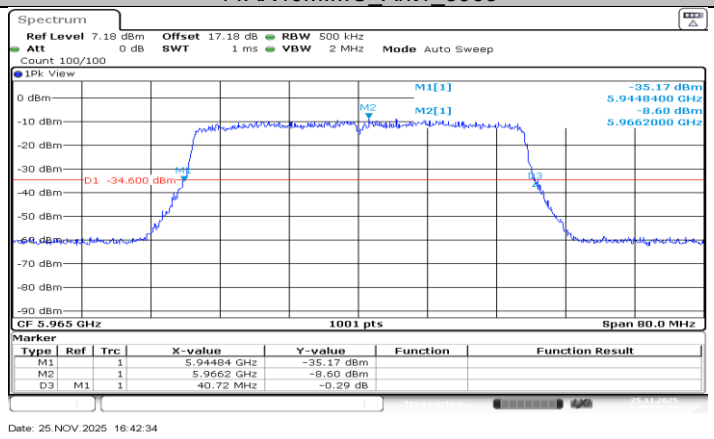
11AX20MIMO_Ant1_5955



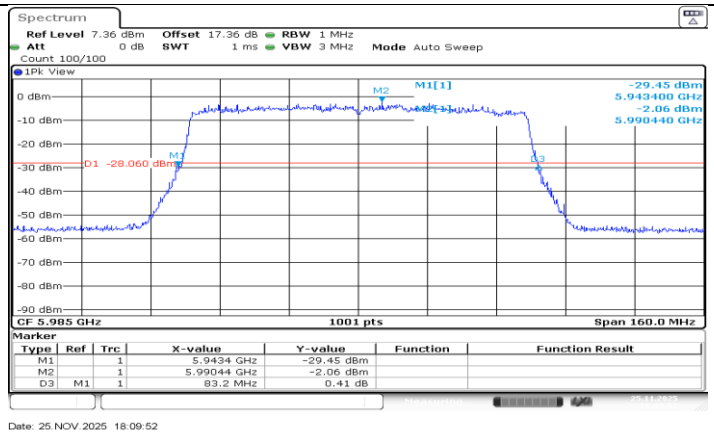
11AX20MIMO_Ant2_5955



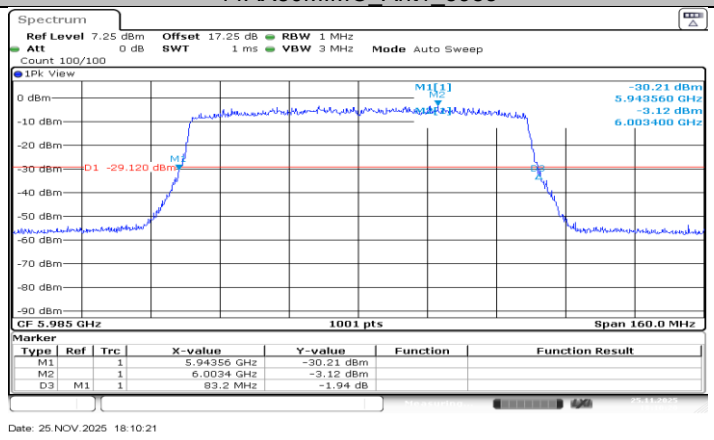
11AX40MIMO_Ant1_5965



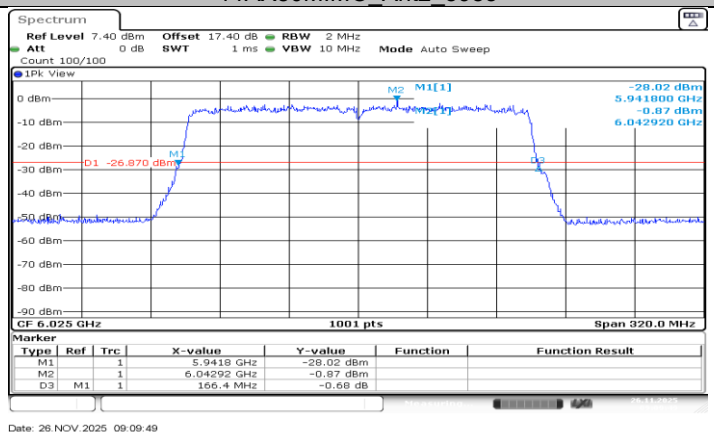
11AX40MIMO_Ant2_5965



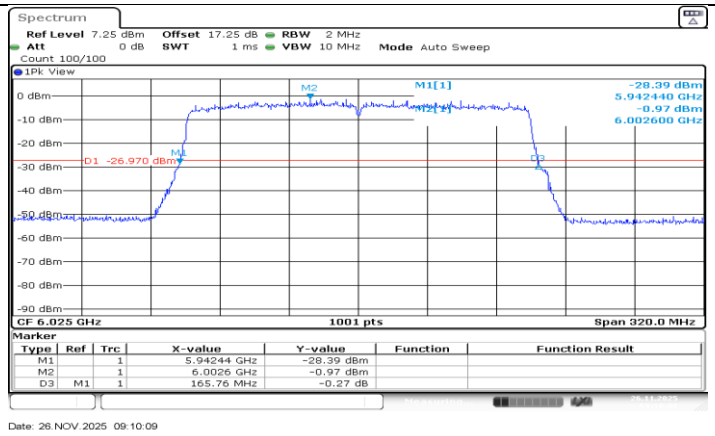
11AX80MIMO_Ant1_5985



11AX80MIMO_Ant2_5985



11AX160MIMO_Ant1_6025



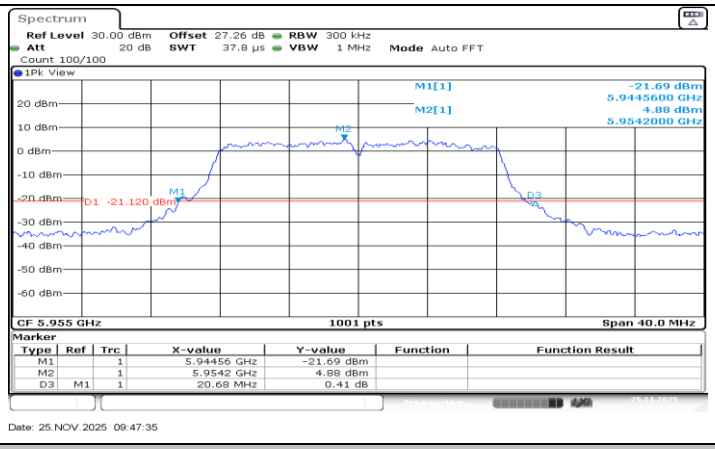
11AX160MIMO_Ant2_6025

Note: Only Low channel plot is reported to show setting parameter compliance with testing method/procedure.

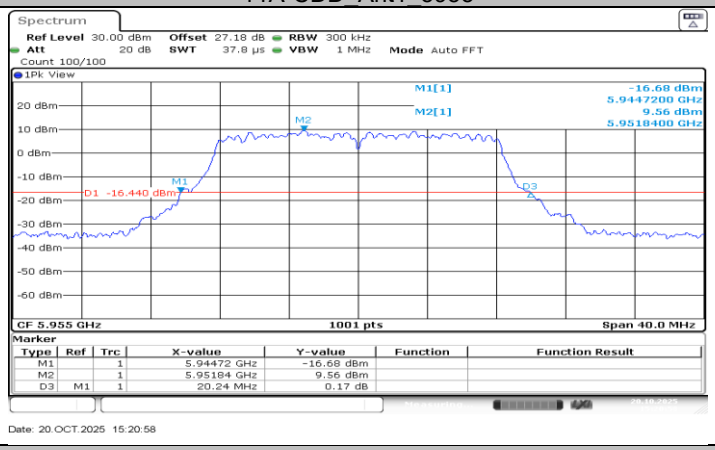
11.1.3. Test Result-Standard Power Client

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Verdict
11A-CDD	Ant1	5955	20.68	5944.56	5965.24	PASS
	Ant2	5955	20.24	5944.72	5964.96	PASS
	Ant1	6175	19.40	6165.52	6184.92	PASS
	Ant2	6175	19.84	6164.80	6184.64	PASS
	Ant1	6415	20.68	6404.68	6425.36	PASS
	Ant2	6415	20.12	6405.08	6425.20	PASS
	Ant1	6535	20.20	6524.68	6544.88	PASS
	Ant2	6535	19.96	6525.32	6545.28	PASS
	Ant1	6715	19.68	6704.76	6724.44	PASS
	Ant2	6715	19.24	6705.44	6724.68	PASS
	Ant1	6855	20.20	6844.64	6864.84	PASS
	Ant2	6855	19.28	6845.44	6864.72	PASS
11AX20MIMO	Ant1	5955	21.40	5944.52	5965.92	PASS
	Ant2	5955	21.24	5944.48	5965.72	PASS
	Ant1	6175	21.12	6164.44	6185.56	PASS
	Ant2	6175	21.68	6164.44	6186.12	PASS
	Ant1	6415	21.08	6404.56	6425.64	PASS
	Ant2	6415	21.52	6404.24	6425.76	PASS
	Ant1	6535	21.48	6524.20	6545.68	PASS
	Ant2	6535	21.64	6524.12	6545.76	PASS
	Ant1	6715	21.08	6704.44	6725.52	PASS
	Ant2	6715	21.44	6704.20	6725.64	PASS
	Ant1	6855	21.56	6844.24	6865.80	PASS
	Ant2	6855	21.00	6844.36	6865.36	PASS
11AX40MIMO	Ant1	5965	40.88	5944.76	5985.64	PASS
	Ant2	5965	41.20	5944.28	5985.48	PASS
	Ant1	6165	40.88	6144.68	6185.56	PASS
	Ant2	6165	41.20	6144.52	6185.72	PASS
	Ant1	6405	41.04	6384.60	6425.64	PASS
	Ant2	6405	40.88	6384.60	6425.48	PASS
	Ant1	6565	40.88	6544.76	6585.64	PASS
	Ant2	6565	40.88	6544.60	6585.48	PASS
	Ant1	6725	40.88	6704.60	6745.48	PASS
	Ant2	6725	40.88	6704.68	6745.56	PASS
	Ant1	6845	40.80	6824.60	6865.40	PASS
	Ant2	6845	40.88	6824.68	6865.56	PASS
11AX80MIMO	Ant1	5985	83.04	5943.56	6026.60	PASS
	Ant2	5985	83.04	5943.56	6026.60	PASS
	Ant1	6145	83.36	6103.72	6187.08	PASS
	Ant2	6145	82.88	6103.88	6186.76	PASS
	Ant1	6385	83.04	6343.40	6426.44	PASS
	Ant2	6385	83.04	6343.72	6426.76	PASS
	Ant1	6545	83.36	6503.24	6586.60	PASS
	Ant2	6545	83.36	6503.40	6586.76	PASS
	Ant1	6705	82.88	6663.56	6746.44	PASS
	Ant2	6705	83.04	6663.56	6746.60	PASS
	Ant1	6785	82.88	6743.72	6826.60	PASS
	Ant2	6785	83.04	6743.56	6826.60	PASS
11AX160MIMO	Ant1	6025	170.24	5939.88	6110.12	PASS
	Ant2	6025	168.32	5940.84	6109.16	PASS
	Ant1	6185	168.64	6101.16	6269.80	PASS
	Ant2	6185	168.96	6100.52	6269.48	PASS
	Ant1	6345	168.64	6261.16	6429.80	PASS
	Ant2	6345	168.64	6260.52	6429.16	PASS
	Ant1	6665	167.68	6581.48	6749.16	PASS
	Ant2	6665	169.92	6579.56	6749.48	PASS

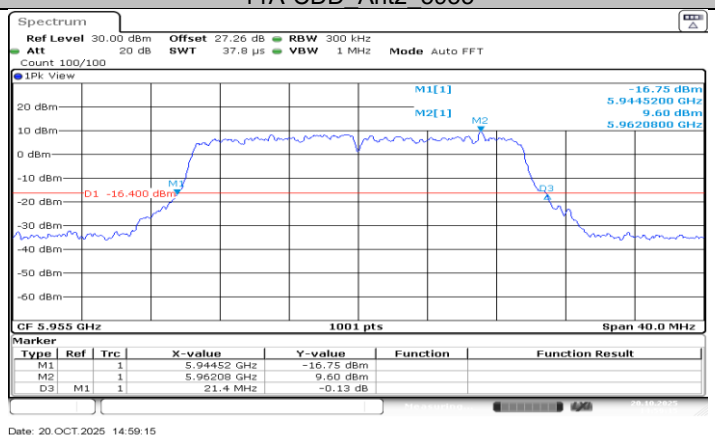
11.1.4. Test Graphs-Standard Power Client



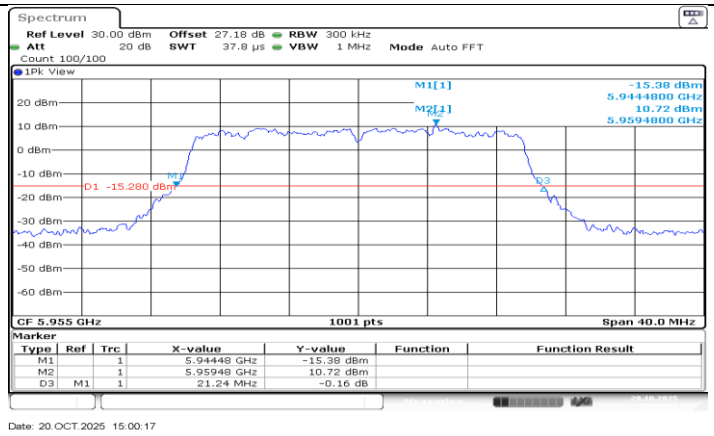
11A-CDD_Ant1_5955



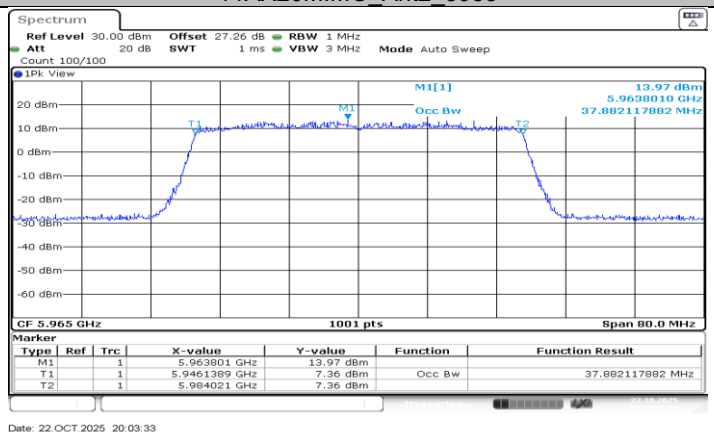
11A-CDD_Ant2_5955



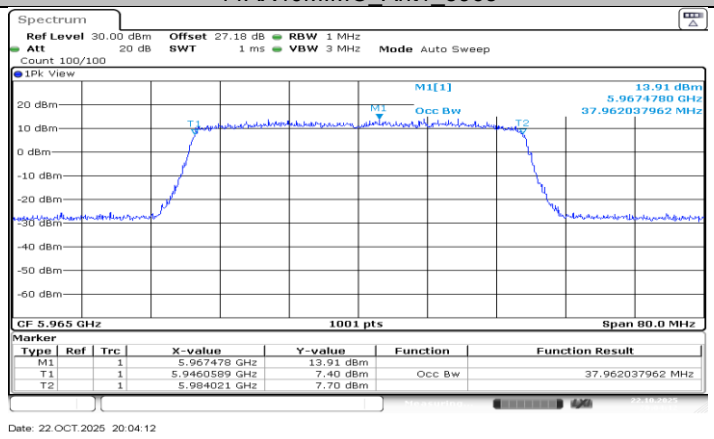
11AX20MIMO_Ant1_5955



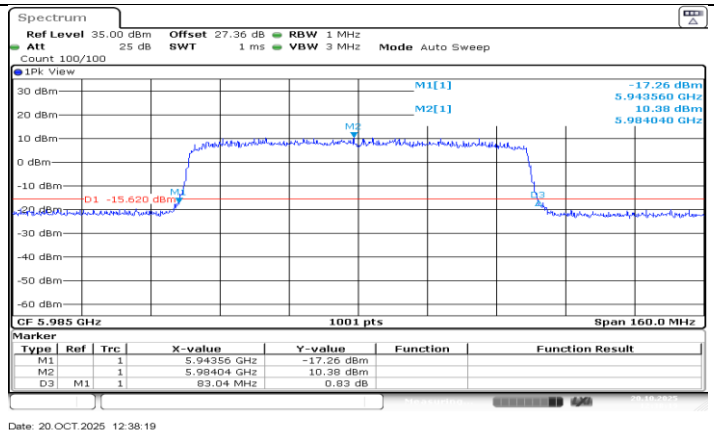
11AX20MIMO_Ant2_5955



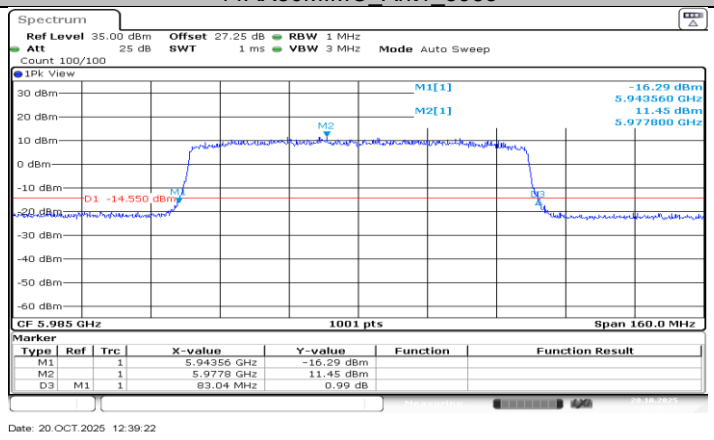
11AX40MIMO_Ant1_5965



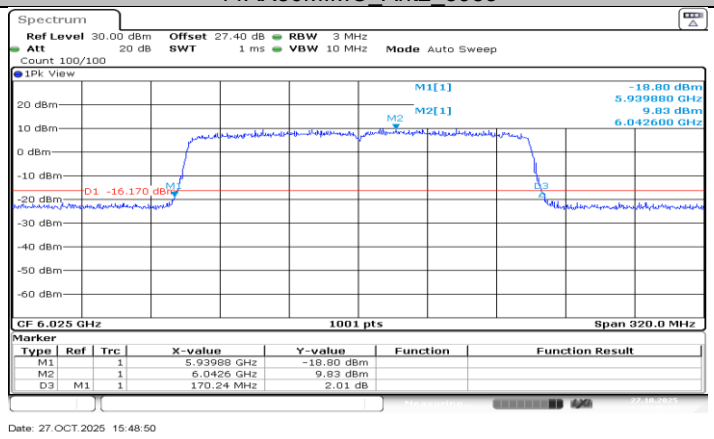
11AX40MIMO_Ant2_5965



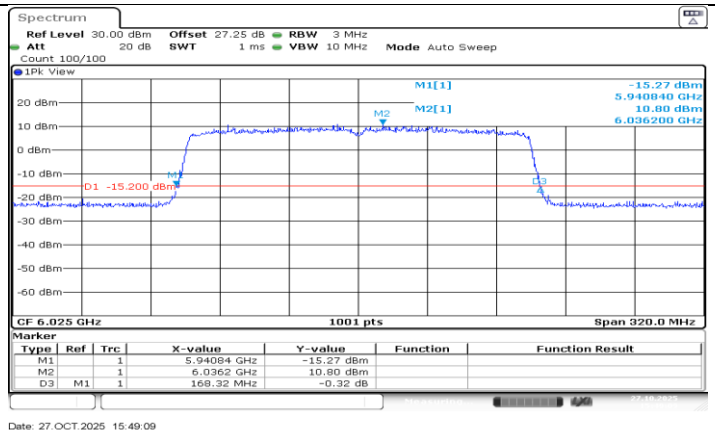
11AX80MIMO_Ant1_5985



11AX80MIMO_Ant2_5985



11AX160MIMO_Ant1_6025



11AX160MIMO_Ant2_6025

Note: Only Low channel plot is reported to show setting parameter compliance with testing method/procedure.

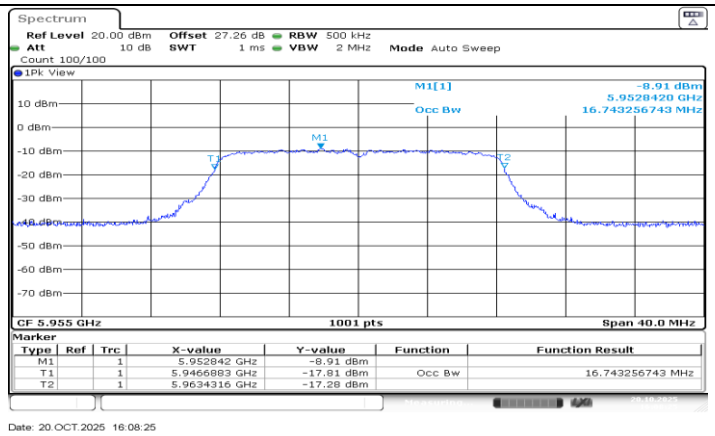
11.2. APPENDIX A2: OCCUPIED CHANNEL BANDWIDTH

11.2.1. Test Result-Indoor Client

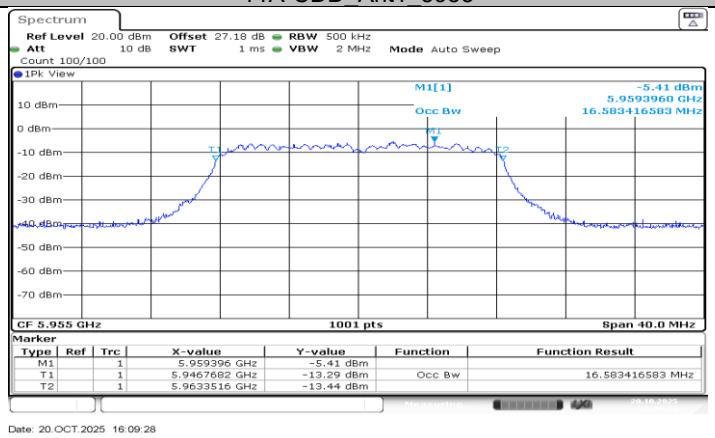
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5955	16.743	5946.6883	5963.4316	≤320	PASS
	Ant2	5955	16.583	5946.7682	5963.3516	≤320	PASS
	Ant1	6175	16.663	6166.7283	6183.3916	≤320	PASS
	Ant2	6175	16.583	6166.7682	6183.3516	≤320	PASS
	Ant1	6415	16.663	6406.6883	6423.3516	≤320	PASS
	Ant2	6415	16.583	6406.7682	6423.3516	≤320	PASS
	Ant1	6435	16.623	6426.7283	6443.3516	≤320	PASS
	Ant2	6435	16.583	6426.7682	6443.3516	≤320	PASS
	Ant1	6475	16.663	6466.6883	6483.3516	≤320	PASS
	Ant2	6475	16.583	6466.7682	6483.3516	≤320	PASS
	Ant1	6515	16.663	6506.6883	6523.3516	≤320	PASS
	Ant2	6515	16.623	6506.7283	6523.3516	≤320	PASS
	Ant1	6535	16.663	6526.6883	6543.3516	≤320	PASS
	Ant2	6535	16.623	6526.7283	6543.3516	≤320	PASS
	Ant1	6695	16.623	6686.7283	6703.3516	≤320	PASS
	Ant2	6695	16.543	6686.7682	6703.3117	≤320	PASS
	Ant1	6715	16.663	6706.7283	6723.3916	≤320	PASS
	Ant2	6715	16.583	6706.7682	6723.3516	≤320	PASS
	Ant1	6855	16.663	6846.7283	6863.3916	≤320	PASS
	Ant2	6855	16.583	6846.7682	6863.3516	≤320	PASS
	Ant1	6875	16.703	6866.6883	6883.3916	≤320	PASS
	Ant2	6875	16.623	6866.7283	6883.3516	≤320	PASS
	Ant1	7015	16.663	7006.6883	7023.3516	≤320	PASS
	Ant2	7015	16.583	7006.7682	7023.3516	≤320	PASS
	Ant1	7115	16.663	7106.7283	7123.3916	≤320	PASS
	Ant2	7115	16.583	7106.7682	7123.3516	≤320	PASS
11AX20MIMO	Ant1	5955	19.061	5945.5295	5964.5904	≤320	PASS
	Ant2	5955	19.021	5945.5694	5964.5904	≤320	PASS
	Ant1	6175	19.061	6165.5295	6184.5904	≤320	PASS
	Ant2	6175	19.021	6165.5694	6184.5904	≤320	PASS
	Ant1	6415	19.061	6405.5295	6424.5904	≤320	PASS
	Ant2	6415	19.021	6405.5694	6424.5904	≤320	PASS
	Ant1	6435	19.061	6425.5295	6444.5904	≤320	PASS
	Ant2	6435	18.981	6425.6094	6444.5904	≤320	PASS
	Ant1	6475	19.061	6465.4895	6484.5504	≤320	PASS
	Ant2	6475	18.981	6465.5694	6484.5504	≤320	PASS
	Ant1	6515	19.061	6505.5295	6524.5904	≤320	PASS
	Ant2	6515	18.981	6505.5694	6524.5504	≤320	PASS
	Ant1	6535	19.021	6525.5295	6544.5504	≤320	PASS
	Ant2	6535	19.021	6525.5295	6544.5504	≤320	PASS
	Ant1	6715	19.021	6705.5295	6724.5504	≤320	PASS
	Ant2	6715	19.021	6705.5295	6724.5504	≤320	PASS
	Ant1	6855	19.021	6845.5295	6864.5504	≤320	PASS
	Ant2	6855	19.061	6845.5295	6864.5904	≤320	PASS
	Ant1	6875	19.021	6865.5295	6884.5504	≤320	PASS
	Ant2	6875	19.021	6865.5295	6884.5504	≤320	PASS
	Ant1	7015	19.061	7005.4895	7024.5504	≤320	PASS
	Ant2	7015	19.021	7005.5295	7024.5504	≤320	PASS
	Ant1	7115	19.021	7105.5295	7124.5504	≤320	PASS
	Ant2	7115	19.021	7105.5295	7124.5504	≤320	PASS
11AX40MIMO	Ant1	5965	37.962	5946.0589	5984.0210	≤320	PASS
	Ant2	5965	37.962	5946.1389	5984.1009	≤320	PASS
	Ant1	6165	37.802	6146.2188	6184.0210	≤320	PASS
	Ant2	6165	37.882	6146.1389	6184.0210	≤320	PASS
	Ant1	6405	37.882	6386.0589	6423.9411	≤320	PASS

	Ant2	6405	38.042	6386.0589	6424.1009	≤320	PASS
	Ant1	6445	37.962	6426.0589	6464.0210	≤320	PASS
	Ant2	6445	37.962	6426.1389	6464.1009	≤320	PASS
	Ant1	6485	37.962	6465.9790	6503.9411	≤320	PASS
	Ant2	6485	37.962	6466.0589	6504.0210	≤320	PASS
	Ant1	6525	37.962	6506.0589	6544.0210	≤320	PASS
	Ant2	6525	37.882	6506.0589	6543.9411	≤320	PASS
	Ant1	6565	37.962	6546.0589	6584.0210	≤320	PASS
	Ant2	6565	37.882	6546.1389	6584.0210	≤320	PASS
	Ant1	6725	38.042	6705.9790	6744.0210	≤320	PASS
	Ant2	6725	37.882	6706.1389	6744.0210	≤320	PASS
	Ant1	6845	37.882	6826.0589	6863.9411	≤320	PASS
	Ant2	6845	37.882	6826.1389	6864.0210	≤320	PASS
	Ant1	6885	37.882	6866.0589	6903.9411	≤320	PASS
	Ant2	6885	37.882	6866.2188	6904.1009	≤320	PASS
	Ant1	7005	37.882	6986.0589	7023.9411	≤320	PASS
	Ant2	7005	37.802	6986.1389	7023.9411	≤320	PASS
	Ant1	7085	37.962	7066.0589	7104.0210	≤320	PASS
	Ant2	7085	37.882	7066.1389	7104.0210	≤320	PASS
11AX80MIMO	Ant1	5985	77.363	5946.4785	6023.8412	≤320	PASS
	Ant2	5985	77.203	5946.4785	6023.6813	≤320	PASS
	Ant1	6145	77.363	6106.4785	6183.8412	≤320	PASS
	Ant2	6145	77.363	6106.3187	6183.6813	≤320	PASS
	Ant1	6385	78.482	6345.8392	6424.3207	≤320	PASS
	Ant2	6385	78.482	6345.8392	6424.3207	≤320	PASS
	Ant1	6465	78.322	6425.8392	6504.1608	≤320	PASS
	Ant2	6465	78.162	6426.1588	6504.3207	≤320	PASS
	Ant1	6545	78.641	6505.6793	6584.3207	≤320	PASS
	Ant2	6545	78.482	6505.8392	6584.3207	≤320	PASS
	Ant1	6705	78.482	6665.8392	6744.3207	≤320	PASS
	Ant2	6705	78.322	6665.9990	6744.3207	≤320	PASS
	Ant1	6785	78.482	6745.8392	6824.3207	≤320	PASS
	Ant2	6785	78.322	6745.8392	6824.1608	≤320	PASS
	Ant1	6865	78.322	6825.8392	6904.1608	≤320	PASS
	Ant2	6865	78.002	6826.1588	6904.1608	≤320	PASS
	Ant1	6945	78.482	6905.6793	6984.1608	≤320	PASS
	Ant2	6945	78.162	6905.9990	6984.1608	≤320	PASS
	Ant1	7025	78.322	6985.8392	7064.1608	≤320	PASS
	Ant2	7025	78.002	6985.9990	7064.0010	≤320	PASS
11AX160MIMO	Ant1	6025	157.28	5946.6783	6103.9610	≤320	PASS
	Ant2	6025	157.60	5946.3586	6103.9610	≤320	PASS
	Ant1	6185	156.96	6106.9980	6263.9610	≤320	PASS
	Ant2	6185	157.60	6106.0390	6263.6414	≤320	PASS
	Ant1	6345	156.96	6266.6783	6423.6414	≤320	PASS
	Ant2	6345	157.28	6266.6783	6423.9610	≤320	PASS
	Ant1	6505	157.28	6426.0390	6583.3217	≤320	PASS
	Ant2	6505	156.64	6426.9980	6583.6414	≤320	PASS
	Ant1	6665	157.28	6586.3586	6743.6414	≤320	PASS
	Ant2	6665	157.60	6586.3586	6743.9610	≤320	PASS
	Ant1	6825	156.96	6746.3586	6903.3217	≤320	PASS
	Ant2	6825	157.60	6746.3586	6903.9610	≤320	PASS
	Ant1	6985	157.60	6906.0390	7063.6414	≤320	PASS
	Ant2	6985	157.28	6906.3586	7063.6414	≤320	PASS

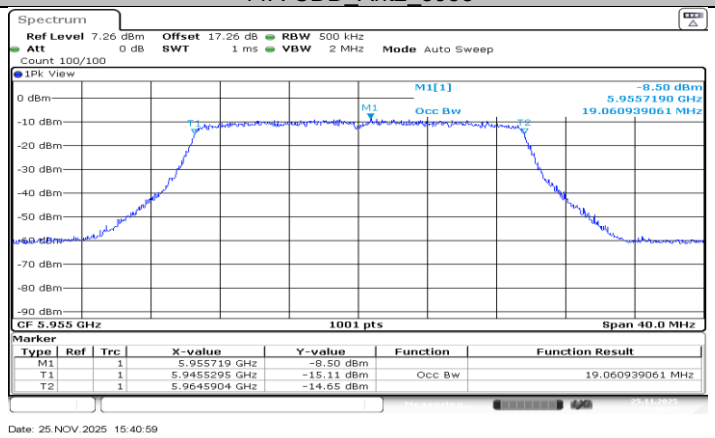
11.2.2. Test Graphs-Indoor Client



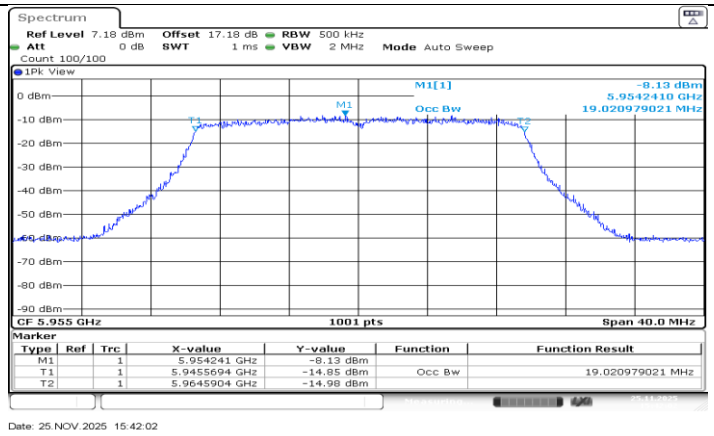
11A-CDD_Ant1_5955



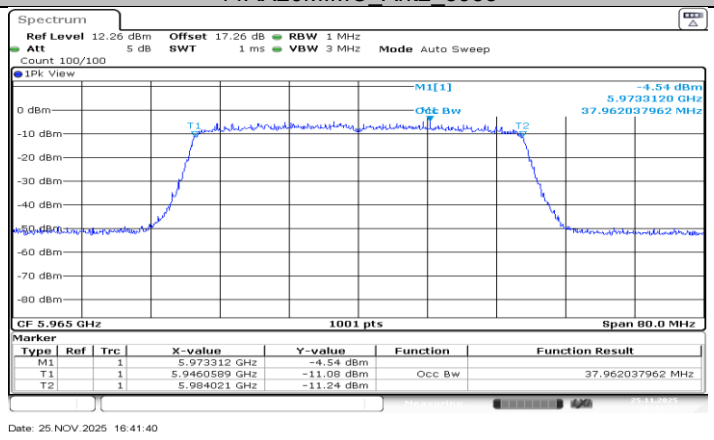
11A-CDD_Ant2_5955



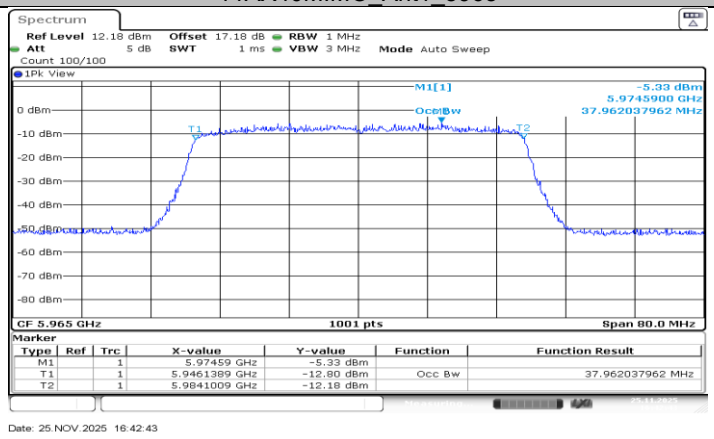
11AX20MIMO_Ant1_5955



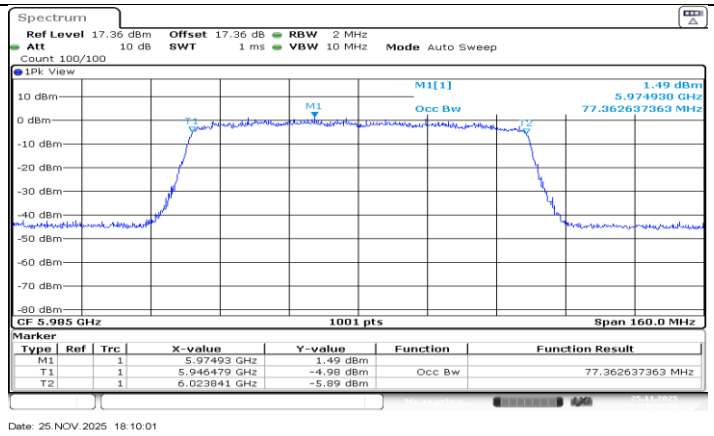
11AX20MIMO_Ant2_5955



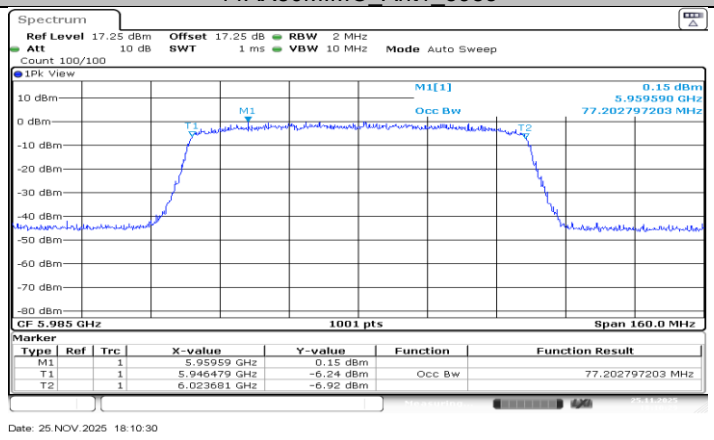
11AX40MIMO_Ant1_5965



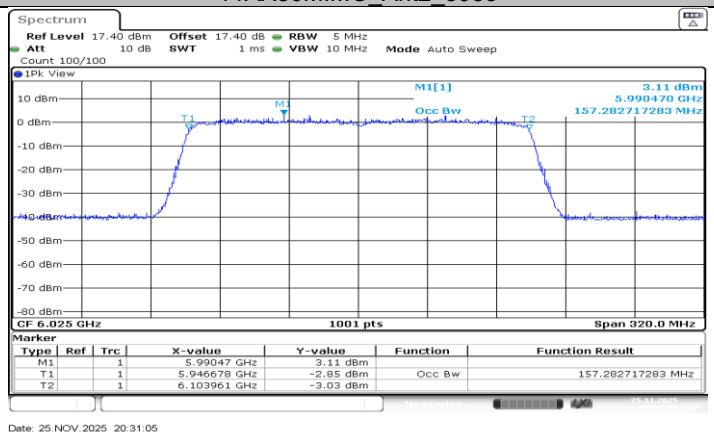
11AX40MIMO_Ant2_5965



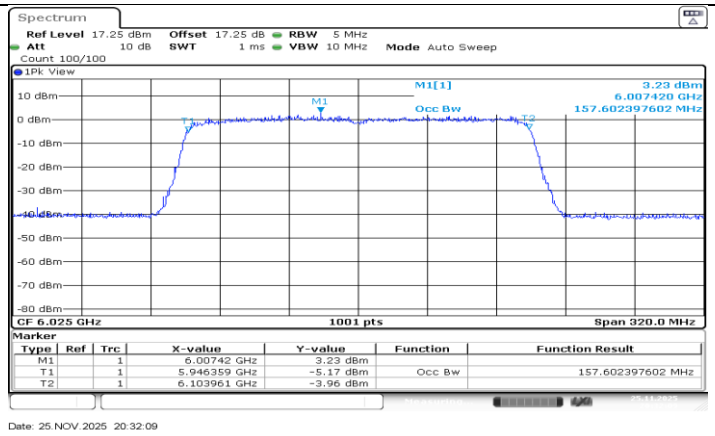
11AX80MIMO_Ant1_5985



11AX80MIMO_Ant2_5985



11AX160MIMO_Ant1_6025



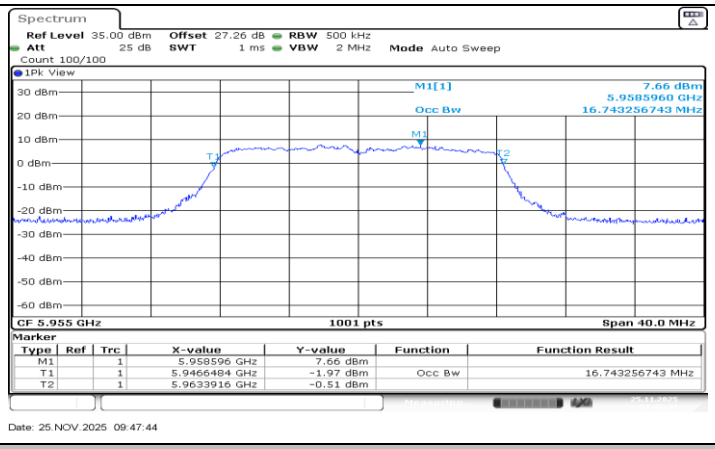
11AX160MIMO_Ant2_6025

Note: Only Low channel plot is reported to show setting parameter compliance with testing method/procedure.

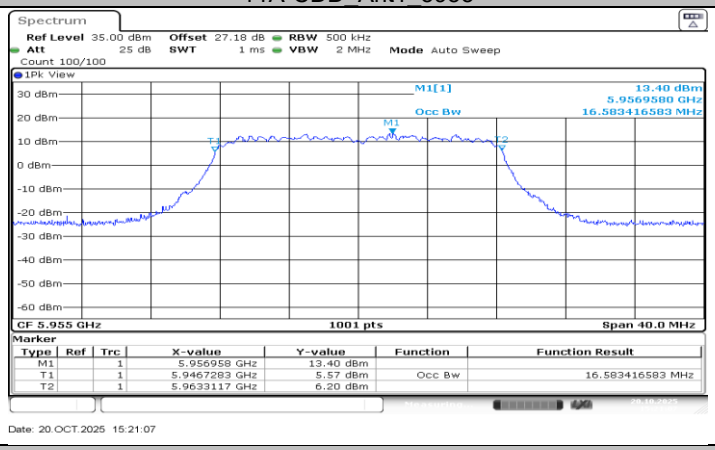
11.2.3. Test Result-Standard Power Client

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5955	16.743	5946.6484	5963.3916	≤320	PASS
	Ant2	5955	16.583	5946.7283	5963.3117	≤320	PASS
	Ant1	6175	16.623	6166.7283	6183.3516	≤320	PASS
	Ant2	6175	16.583	6166.7283	6183.3117	≤320	PASS
	Ant1	6415	16.663	6406.6883	6423.3516	≤320	PASS
	Ant2	6415	16.543	6406.7682	6423.3117	≤320	PASS
	Ant1	6535	16.663	6526.6883	6543.3516	≤320	PASS
	Ant2	6535	16.583	6526.7283	6543.3117	≤320	PASS
	Ant1	6715	16.663	6706.6883	6723.3516	≤320	PASS
	Ant2	6715	16.583	6706.7283	6723.3117	≤320	PASS
	Ant1	6855	16.663	6846.6883	6863.3516	≤320	PASS
	Ant2	6855	16.623	6846.7283	6863.3516	≤320	PASS
11AX20MIMO	Ant1	5955	19.101	5945.4895	5964.5904	≤320	PASS
	Ant2	5955	19.061	5945.4895	5964.5504	≤320	PASS
	Ant1	6175	19.141	6165.4895	6184.6304	≤320	PASS
	Ant2	6175	19.061	6165.4895	6184.5504	≤320	PASS
	Ant1	6415	19.061	6405.4895	6424.5504	≤320	PASS
	Ant2	6415	19.101	6405.4895	6424.5904	≤320	PASS
	Ant1	6535	19.101	6525.4895	6544.5904	≤320	PASS
	Ant2	6535	19.101	6525.4895	6544.5904	≤320	PASS
	Ant1	6715	19.061	6705.4895	6724.5504	≤320	PASS
	Ant2	6715	19.101	6705.4895	6724.5904	≤320	PASS
	Ant1	6855	19.061	6845.4895	6864.5504	≤320	PASS
	Ant2	6855	19.061	6845.5295	6864.5904	≤320	PASS
11AX40MIMO	Ant1	5965	37.882	5946.1389	5984.0210	≤320	PASS
	Ant2	5965	37.962	5946.0589	5984.0210	≤320	PASS
	Ant1	6165	37.962	6146.1389	6184.1009	≤320	PASS
	Ant2	6165	37.962	6146.0589	6184.0210	≤320	PASS
	Ant1	6405	37.962	6386.0589	6424.0210	≤320	PASS
	Ant2	6405	37.962	6386.0589	6424.0210	≤320	PASS
	Ant1	6565	38.042	6545.9790	6584.0210	≤320	PASS
	Ant2	6565	37.962	6546.0589	6584.0210	≤320	PASS
	Ant1	6725	37.962	6706.0589	6744.0210	≤320	PASS
	Ant2	6725	37.962	6706.0589	6744.0210	≤320	PASS
	Ant1	6845	37.962	6826.0589	6864.0210	≤320	PASS
	Ant2	6845	37.882	6826.1389	6864.0210	≤320	PASS
11AX80MIMO	Ant1	5985	77.522	5946.3187	6023.8412	≤320	PASS
	Ant2	5985	77.522	5946.3187	6023.8412	≤320	PASS
	Ant1	6145	77.363	6106.4785	6183.8412	≤320	PASS
	Ant2	6145	77.682	6106.1588	6183.8412	≤320	PASS
	Ant1	6385	77.682	6346.1588	6423.8412	≤320	PASS
	Ant2	6385	77.682	6346.3187	6424.0010	≤320	PASS
	Ant1	6545	77.842	6506.1588	6584.0010	≤320	PASS
	Ant2	6545	77.682	6506.3187	6584.0010	≤320	PASS
	Ant1	6705	77.682	6666.1588	6743.8412	≤320	PASS
	Ant2	6705	77.522	6666.3187	6743.8412	≤320	PASS
	Ant1	6785	77.682	6746.1588	6823.8412	≤320	PASS
	Ant2	6785	77.682	6746.3187	6824.0010	≤320	PASS
11AX160MIMO	Ant1	6025	158.56	5946.0390	6104.6004	≤320	PASS
	Ant2	6025	158.56	5945.7193	6104.2807	≤320	PASS
	Ant1	6185	158.24	6106.3586	6264.6004	≤320	PASS
	Ant2	6185	159.20	6105.3996	6264.6004	≤320	PASS
	Ant1	6345	158.56	6265.7193	6424.2807	≤320	PASS
	Ant2	6345	159.20	6265.7193	6424.9201	≤320	PASS
	Ant1	6665	159.84	6585.3996	6745.2398	≤320	PASS
	Ant2	6665	159.52	6585.3996	6744.9201	≤320	PASS

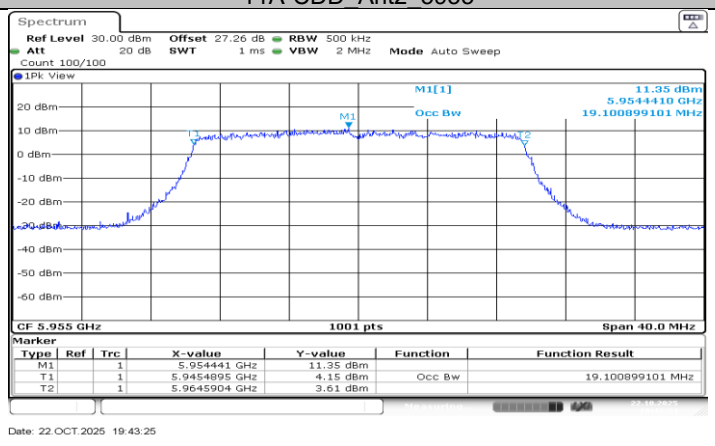
11.2.4. Test Graphs-Standard Power Client



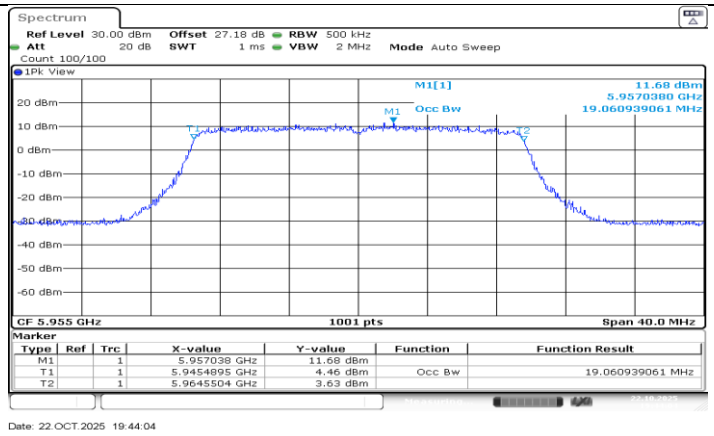
11A-CDD_Ant1_5955



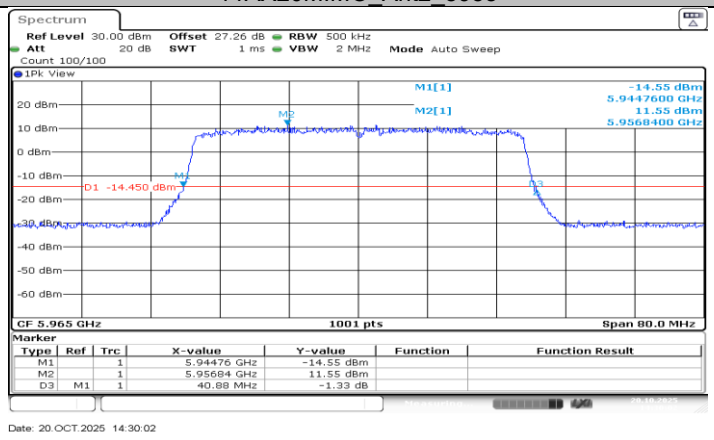
11A-CDD_Ant2_5955



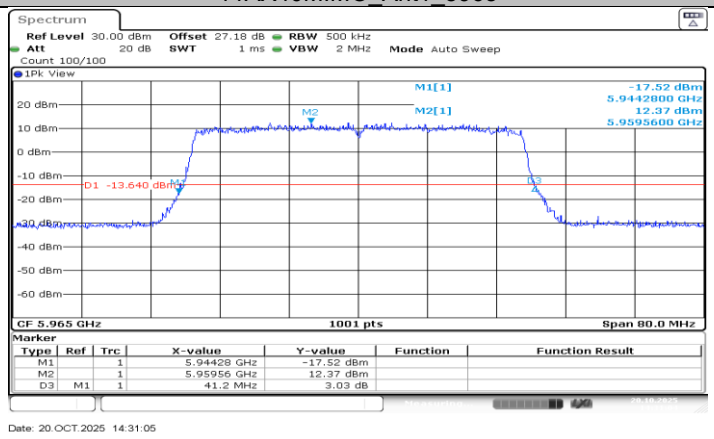
11AX20MIMO_Ant1_5955



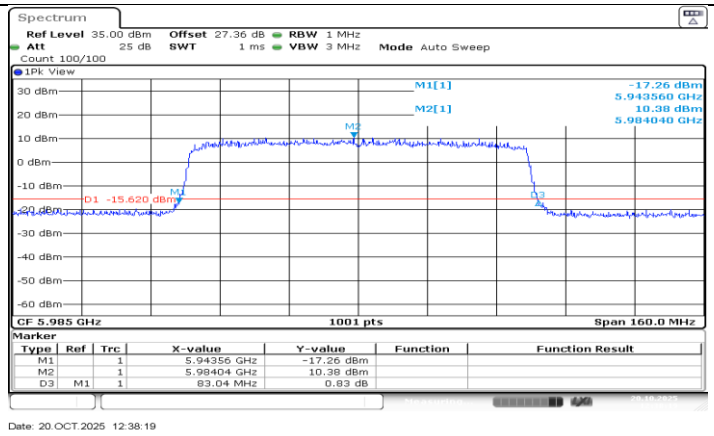
11AX20MIMO_Ant2_5955



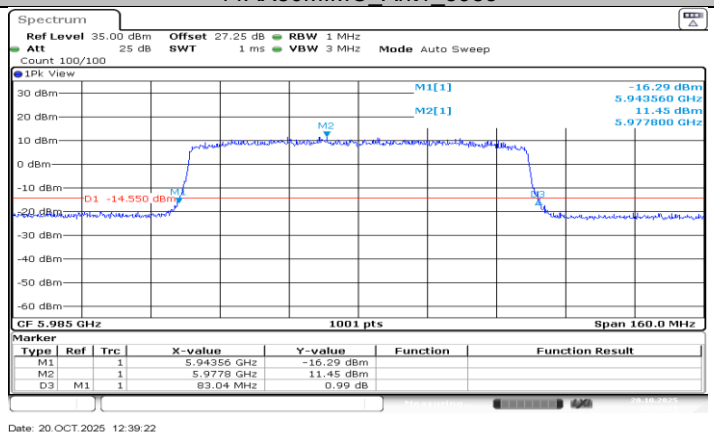
11AX40MIMO_Ant1_5965



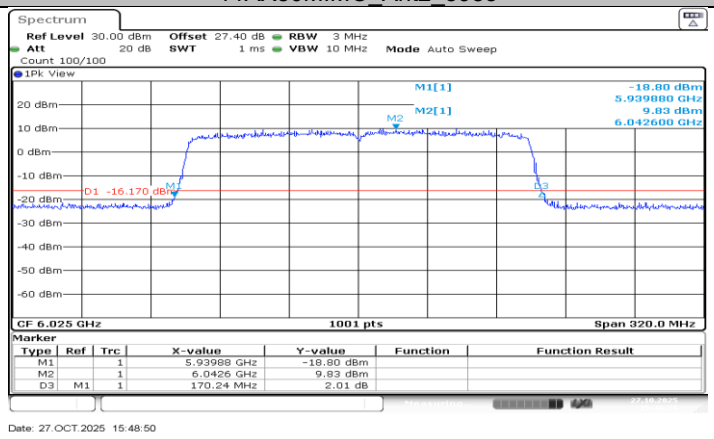
11AX40MIMO_Ant2_5965



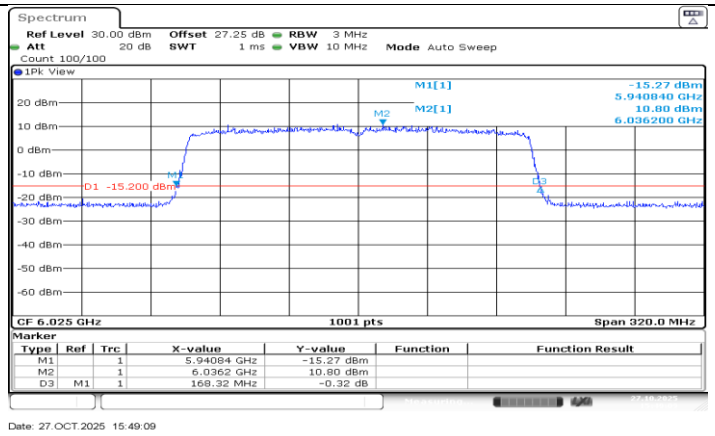
11AX80MIMO_Ant1_5985



11AX80MIMO_Ant2_5985



11AX160MIMO_Ant1_6025



11AX160MIMO_Ant2_6025

Note: Only Low channel plot is reported to show setting parameter compliance with testing method/procedure.

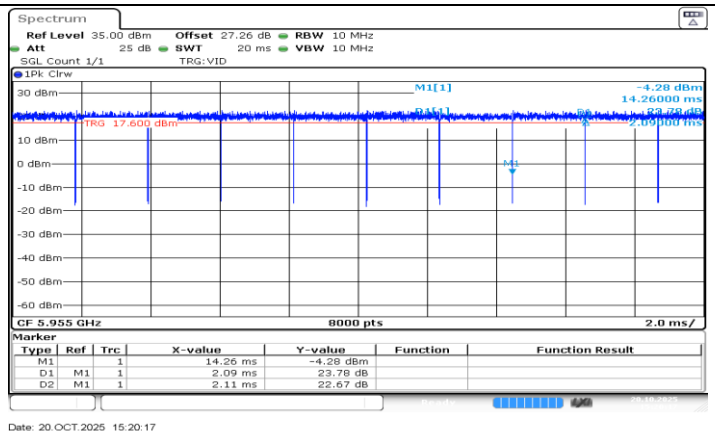
11.3. APPENDIX B: DUTY CYCLE

11.3.1. Test Result

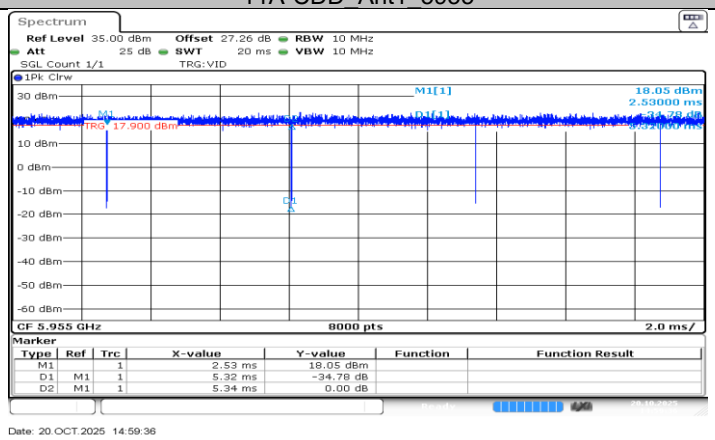
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A-CDD	2.09	2.11	0.9905	99.05	0.04	0.48	0.01
11AX20MIMO	5.32	5.34	0.9963	99.63	0.02	0.19	0.01
11AX40MIMO	5.38	5.39	0.9981	99.81	0.01	0.19	0.01
11AX80MIMO	5.25	5.27	0.9962	99.62	0.02	0.19	0.01
11AX160MIMO	4.34	4.35	0.9977	99.77	0.01	0.23	0.01

Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

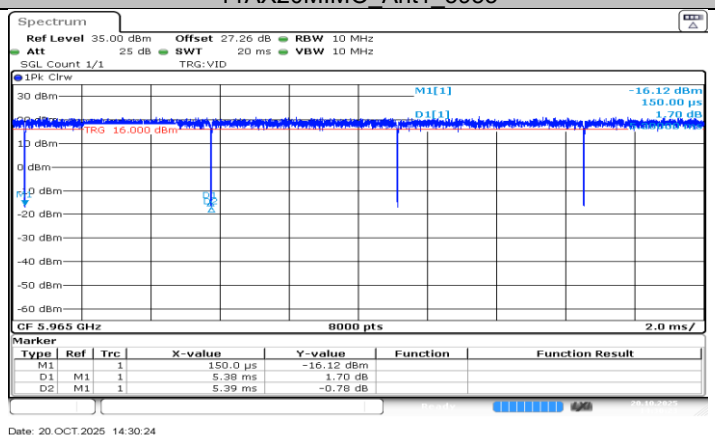
11.3.2. Test Graphs



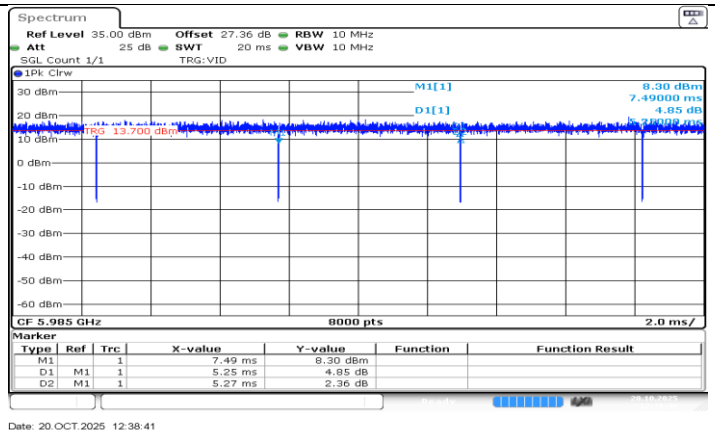
11A-CDD_Ant1_5955



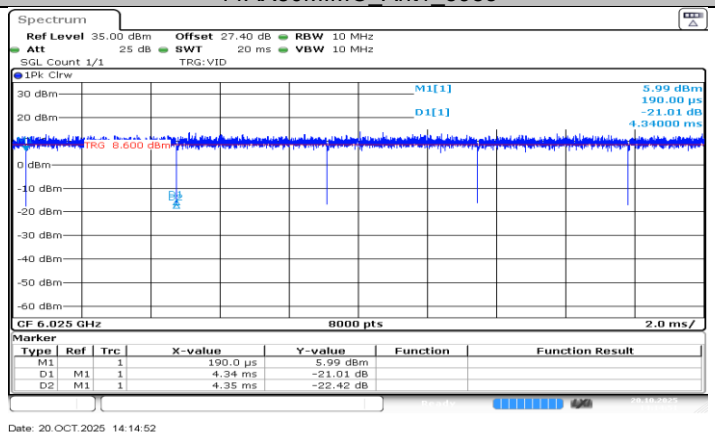
11AX20MIMO_Ant1_5955



11AX40MIMO_Ant1_5965



11AX80MIMO_Ant1_5985



11AX160MIMO_Ant1_6025

11.4. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.4.1. Test Result-Indoor Client

Mode	Freq(MHz)	Conducted AVG Power (dBm)			Directional gain(dBi)	EIRP (dBm)	EIRP Limit (dBm)
		ANT1	ANT2	Total			
802.11a	5955	-4.36	-4.51	-1.42	9.10	7.68	24.00
	6175	-5.94	-4.37	-2.07	9.10	7.03	24.00
	6415	-4.54	-5.65	-2.05	9.10	7.05	24.00
	6435	-3.26	-2.68	0.05	7.10	7.15	24.00
	6475	-4.15	-2.17	-0.04	7.10	7.06	24.00
	6515	-5.46	-1.93	-0.34	7.10	6.76	24.00
	6535	-5.43	-2.27	-0.56	6.90	6.34	24.00
	6715	-4.06	-2.57	-0.24	6.90	6.66	24.00
	6855	-3.68	-3.35	-0.50	6.90	6.40	24.00
	6875	-3.79	-3.38	-0.57	7.70	7.13	24.00
	7015	-5.42	-2.28	-0.56	7.70	7.14	24.00
	7115	-4.13	-2.92	-0.47	7.70	7.23	24.00
802.11AX 20M	5955	-4.09	-4.28	-1.17	9.10	7.93	24.00
	6175	-5.23	-3.72	-1.40	9.10	7.70	24.00
	6415	-3.28	-5.56	-1.26	9.10	7.84	24.00
	6435	-2.53	-3.12	0.20	7.10	7.30	24.00
	6475	-3.00	-2.07	0.50	7.10	7.60	24.00
	6515	-4.22	-1.80	0.17	7.10	7.27	24.00
	6535	-4.06	-2.13	0.02	6.90	6.92	24.00
	6715	-3.45	-2.44	0.09	6.90	6.99	24.00
	6855	-2.95	-2.74	0.17	6.90	7.07	24.00
	6875	-3.09	-2.71	0.11	7.70	7.81	24.00
	7015	-4.67	-1.40	0.28	7.70	7.98	24.00
	7115	-4.70	-3.10	-0.82	7.70	6.88	24.00
802.11AX 40M	5965	-1.41	-2.12	1.26	9.10	10.36	24.00
	6165	-1.06	-1.54	1.72	9.10	10.82	24.00
	6405	-0.45	-2.44	1.68	9.10	10.78	24.00
	6445	0.42	-0.90	2.82	7.10	9.92	24.00
	6485	-0.47	-0.66	2.45	7.10	9.55	24.00
	6525	-0.40	0.18	2.91	7.10	10.01	24.00
	6565	-0.64	-0.13	2.63	6.90	9.53	24.00
	6725	-0.37	-0.15	2.75	6.90	9.65	24.00
	6845	-0.30	-0.05	2.84	6.90	9.74	24.00

	6885	-0.80	-0.12	2.56	7.70	10.26	24.00
	7005	-1.39	0.18	2.48	7.70	10.18	24.00
	7085	-0.89	0.40	2.81	7.70	10.51	24.00
802.11AX 80M	5985	1.17	1.52	4.36	9.10	13.46	24.00
	6145	1.69	1.66	4.69	9.10	13.79	24.00
	6385	2.72	0.83	4.89	9.10	13.99	24.00
	6465	3.49	3.04	6.28	7.10	13.38	24.00
	6545	2.63	2.93	5.79	6.90	12.69	24.00
	6705	2.94	2.92	5.94	6.90	12.84	24.00
	6785	3.61	3.34	6.49	6.90	13.39	24.00
	6865	2.43	3.08	5.78	7.70	13.48	24.00
	6945	1.96	3.63	5.89	7.70	13.59	24.00
	7025	1.77	3.35	5.64	7.70	13.34	24.00
802.11AX 160M	6025	4.52	4.87	7.71	9.10	16.81	24.00
	6185	5.06	4.22	7.67	9.10	16.77	24.00
	6345	5.82	2.41	7.45	9.10	16.55	24.00
	6505	5.95	4.78	8.41	7.10	15.51	24.00
	6665	6.10	5.37	8.76	6.90	15.66	24.00
	6825	5.65	5.69	8.68	6.90	15.58	24.00
	6985	4.97	6.26	8.67	7.70	16.37	24.00

Note: The Duty Cycle Factor is compensated in the test result.

11.4.2. Test Result-Standard Power Client

Mode	Freq(MHz)	Conducted AVG Power (dBm)			Directional gain(dBi)	EIRP (dBm)	EIRP Limit (dBm)
		ANT1	ANT2	Total			
802.11a	5955	12.73	14.25	16.57	9.10	25.67	30.00
	6175	13.67	13.48	16.59	9.10	25.69	30.00
	6415	14.21	12.95	16.64	9.10	25.74	30.00
	6535	15.10	14.58	17.86	6.90	24.76	30.00
	6715	14.64	14.14	17.41	6.90	24.31	30.00
	6855	14.59	14.05	17.34	6.90	24.24	30.00
802.11AX 20M	5955	12.68	14.41	16.64	9.10	25.74	30.00
	6175	13.00	13.68	16.36	9.10	25.46	30.00
	6415	14.34	13.39	16.90	9.10	26.00	30.00
	6535	14.75	14.55	17.66	6.90	24.56	30.00
	6715	15.23	14.87	18.06	6.90	24.96	30.00
	6855	15.50	14.87	18.21	6.90	25.11	30.00
802.11AX 40M	5965	15.49	17.34	19.52	9.10	28.62	30.00
	6165	15.87	16.54	19.23	9.10	28.33	30.00
	6405	17.18	16.16	19.71	9.10	28.81	30.00
	6565	17.65	17.60	20.64	6.90	27.54	30.00
	6725	18.09	17.57	20.85	6.90	27.75	30.00
	6845	18.44	17.63	21.06	6.90	27.96	30.00
802.11AX 80M	5985	17.06	18.01	20.57	9.10	29.67	30.00
	6145	17.13	16.98	20.07	9.10	29.17	30.00
	6385	17.13	16.07	19.64	9.10	28.74	30.00
	6545	16.58	15.33	19.01	7.10	26.11	30.00
	6705	16.29	16.05	19.18	6.90	26.08	30.00
	6785	17.17	16.77	19.98	6.90	26.88	30.00
802.11AX 160M	6025	15.70	15.86	18.79	9.10	27.89	30.00
	6185	15.13	14.77	17.96	9.10	27.06	30.00
	6345	15.41	14.32	17.91	9.10	27.01	30.00
	6665	14.00	14.00	17.01	6.90	23.91	30.00

Note: The Duty Cycle Factor is compensated in the test result.

11.5. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

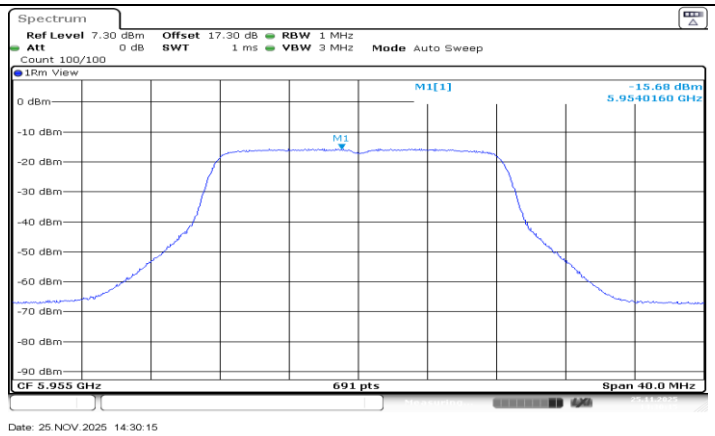
11.5.1. Test Result-Indoor Client

Mode	Freq(MHz)	PSD (dBm/MHz)			Directional gain(dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)
		ANT1	ANT2	Total			
802.11a	5955	-15.68	-15.52	-12.59	11.26	-1.33	-1.00
	6175	-17.07	-15.4	-13.14	11.26	-1.88	-1.00
	6415	-15.76	-16.47	-13.09	11.26	-1.83	-1.00
	6435	-14.54	-13.7	-11.09	9.86	-1.23	-1.00
	6475	-15.33	-13.02	-11.01	9.86	-1.15	-1.00
	6515	-16.76	-13.11	-11.55	9.86	-1.69	-1.00
	6535	-16.69	-13.39	-11.72	9.86	-1.86	-1.00
	6715	-15.24	-13.75	-11.42	9.86	-1.56	-1.00
	6855	-14.94	-14.23	-11.56	9.86	-1.70	-1.00
	6875	-14.84	-14.36	-11.58	10.08	-1.50	-1.00
	7015	-16.71	-13.66	-11.91	10.08	-1.83	-1.00
	7115	-15.19	-14.27	-11.70	10.08	-1.62	-1.00
802.11AX 20M	5955	-15.76	-15.76	-12.75	11.26	-1.49	-1.00
	6175	-16.74	-15.17	-12.87	11.26	-1.61	-1.00
	6415	-15	-17.13	-12.93	11.26	-1.67	-1.00
	6435	-14.17	-14.64	-11.39	9.86	-1.53	-1.00
	6475	-14.6	-13.68	-11.11	9.86	-1.25	-1.00
	6515	-15.82	-13.19	-11.30	9.86	-1.44	-1.00
	6535	-15.56	-13.49	-11.39	9.86	-1.53	-1.00
	6715	-15.1	-14.12	-11.57	9.86	-1.71	-1.00
	6855	-14.52	-14.28	-11.39	9.86	-1.53	-1.00
	6875	-14.73	-14.33	-11.52	10.08	-1.44	-1.00
	7015	-16.33	-13.28	-11.53	10.08	-1.45	-1.00
	7115	-16.59	-14.99	-12.71	10.08	-2.63	-1.00
802.11AX 40M	5965	-16.02	-16.54	-13.26	11.26	-2.00	-1.00
	6165	-15.5	-16.11	-12.78	11.26	-1.52	-1.00
	6405	-15.07	-16.72	-12.81	11.26	-1.55	-1.00
	6445	-14.13	-14.99	-11.53	9.86	-1.67	-1.00
	6485	-14.96	-14.57	-11.75	9.86	-1.89	-1.00
	6525	-14.83	-13.9	-11.33	9.86	-1.47	-1.00
	6565	-15.2	-14.39	-11.77	9.86	-1.91	-1.00
	6725	-14.88	-14.29	-11.56	9.86	-1.70	-1.00
	6845	-14.75	-14.29	-11.50	9.86	-1.64	-1.00

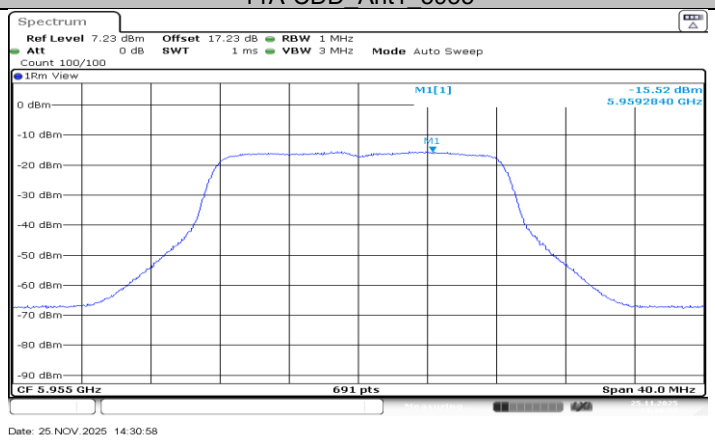
	6885	-15.36	-14.12	-11.69	10.08	-1.61	-1.00
	7005	-16.02	-14.13	-11.96	10.08	-1.88	-1.00
	7085	-15.54	-14.02	-11.70	10.08	-1.62	-1.00
802.11AX 80M	5985	-16.34	-15.9	-13.10	11.26	-1.84	-1.00
	6145	-15.81	-15.71	-12.75	11.26	-1.49	-1.00
	6385	-14.8	-16.7	-12.64	11.26	-1.38	-1.00
	6465	-14.14	-14.27	-11.19	9.86	-1.33	-1.00
	6545	-15.1	-14.38	-11.71	9.86	-1.85	-1.00
	6705	-14.82	-14.7	-11.75	9.86	-1.89	-1.00
	6785	-14.3	-13.96	-11.12	9.86	-1.26	-1.00
	6865	-14.98	-14.55	-11.75	10.08	-1.67	-1.00
	6945	-15.73	-13.82	-11.66	10.08	-1.58	-1.00
	7025	-15.7	-13.93	-11.72	10.08	-1.64	-1.00
802.11AX 160M	6025	-15.94	-15.56	-12.74	11.26	-1.48	-1.00
	6185	-15.44	-16.47	-12.91	11.26	-1.65	-1.00
	6345	-14.73	-17.41	-12.86	11.26	-1.60	-1.00
	6505	-13.94	-14.93	-11.40	9.86	-1.54	-1.00
	6665	-14.14	-14.81	-11.45	9.86	-1.59	-1.00
	6825	-14.54	-14.77	-11.64	9.86	-1.78	-1.00
	6985	-15.57	-14.08	-11.75	10.08	-1.67	-1.00

Note：1.The Duty Cycle Factor and RBW Factor is compensated in the test data.

11.5.2. Test Graphs-Indoor Client



11A-CDD_Ant1_5955



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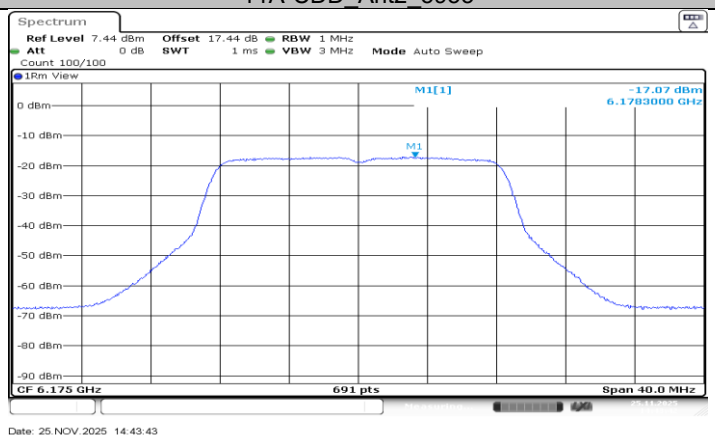

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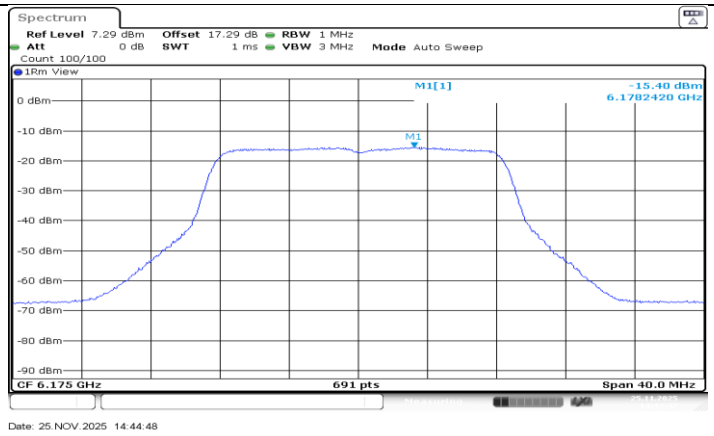

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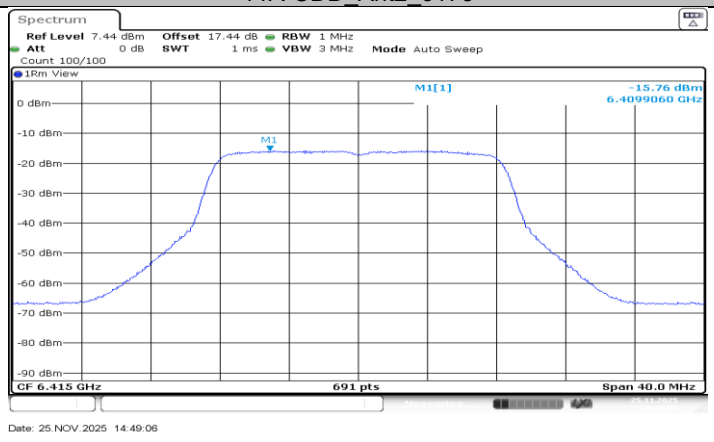

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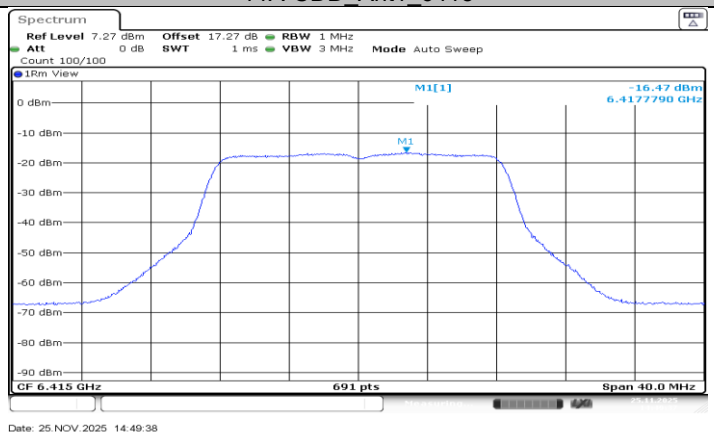

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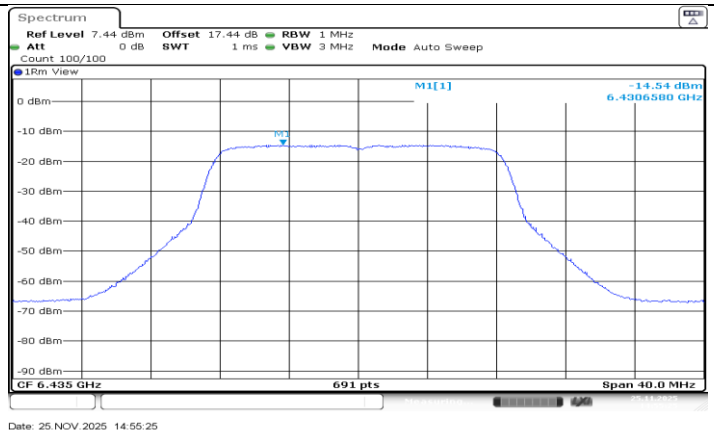

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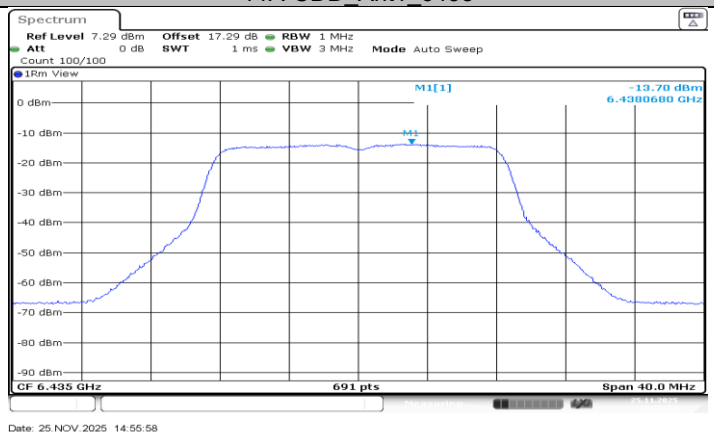

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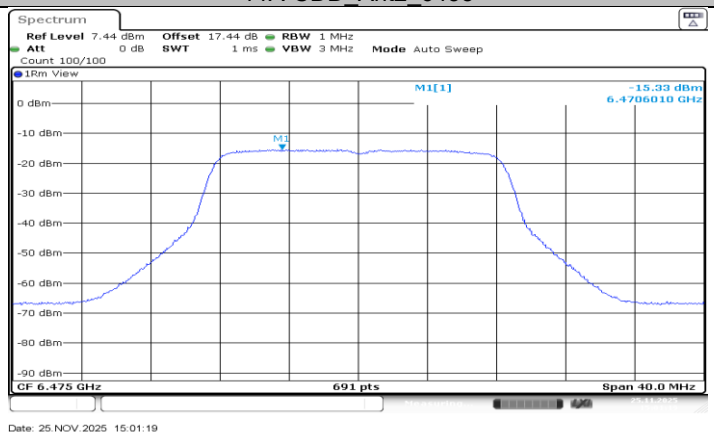

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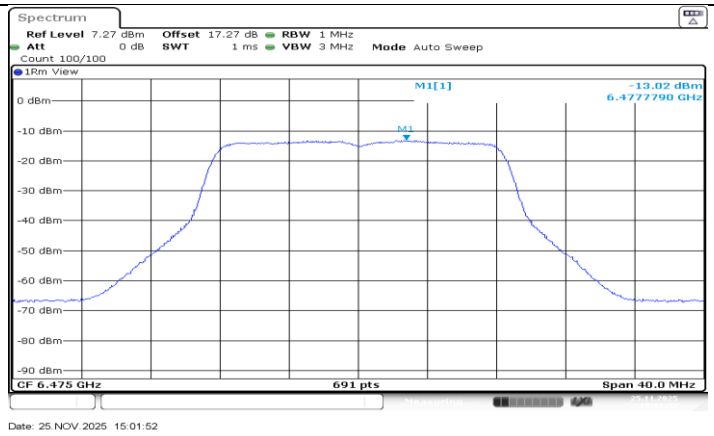

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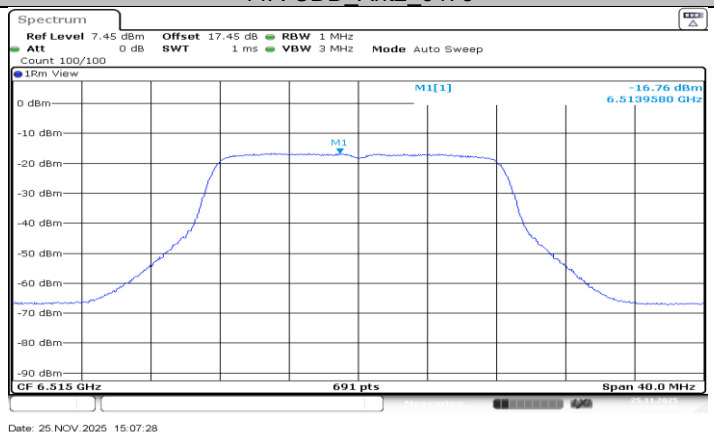

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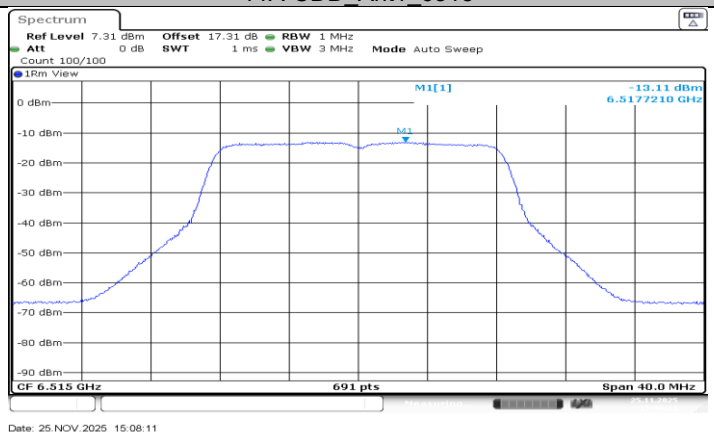

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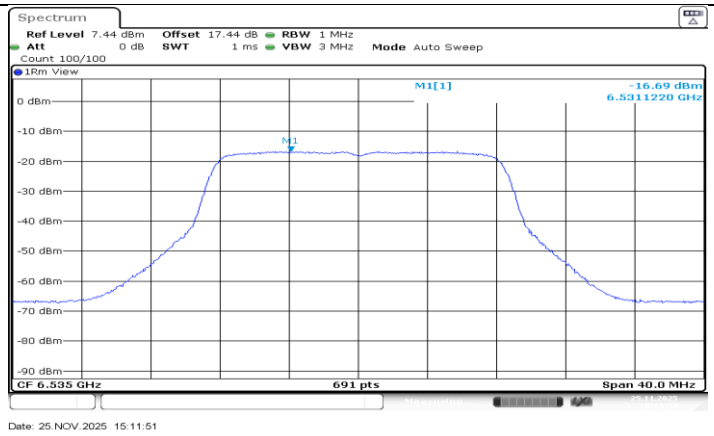

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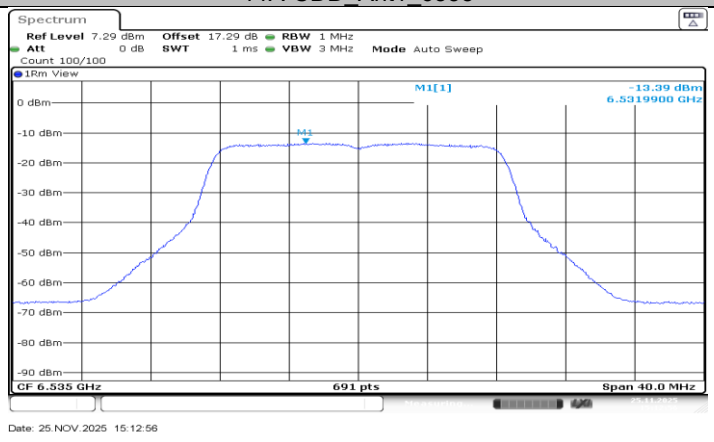
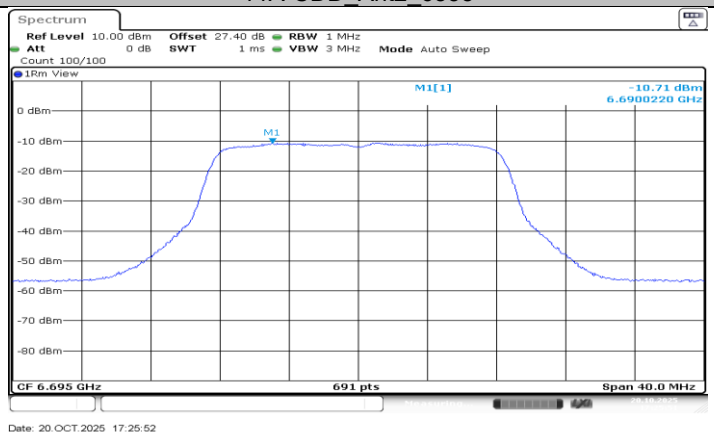
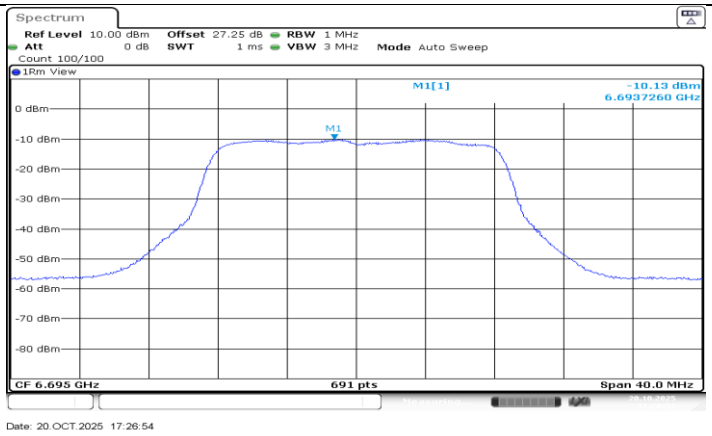


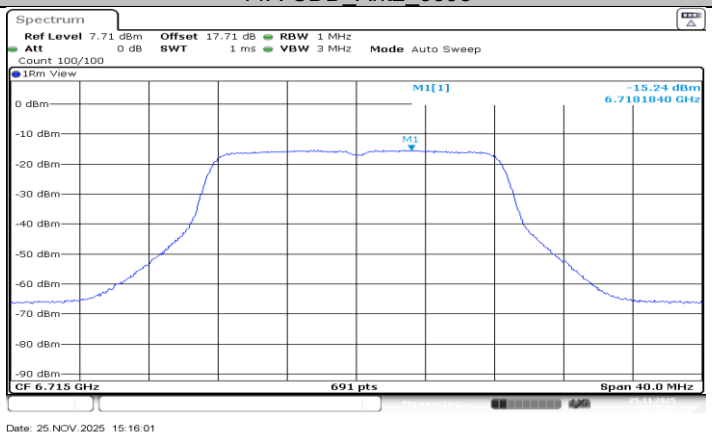
11A-CDD_Ant2_6535



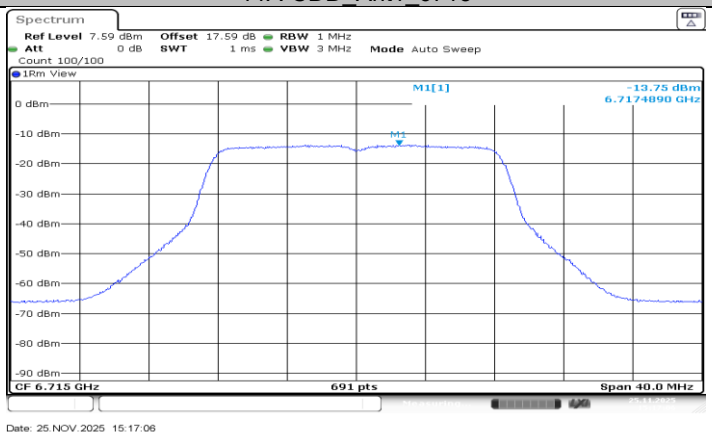
11A-CDD_Ant1_6695



11A-CDD_Ant2_6695



11A-CDD_Ant1_6715



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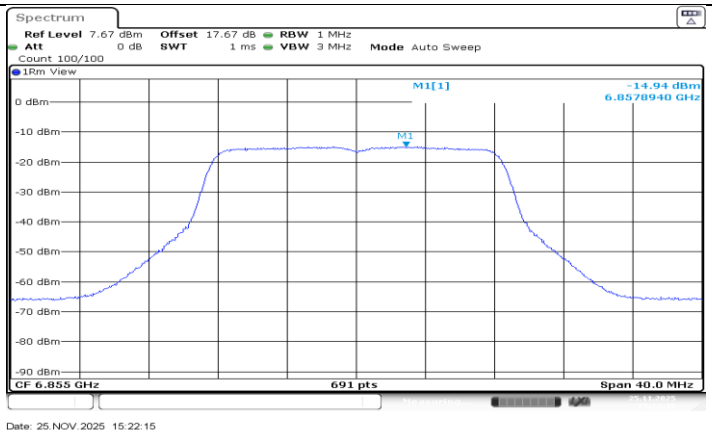
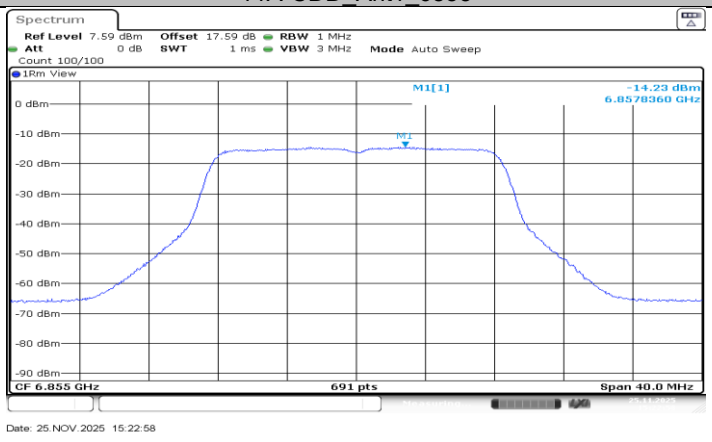


11A-CDD_Ant1_6855



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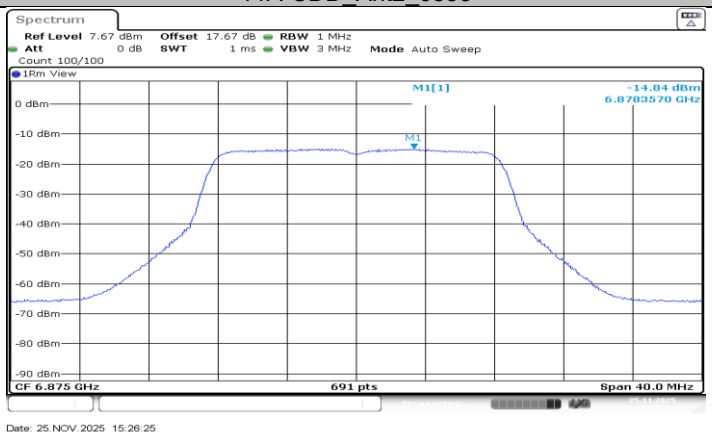

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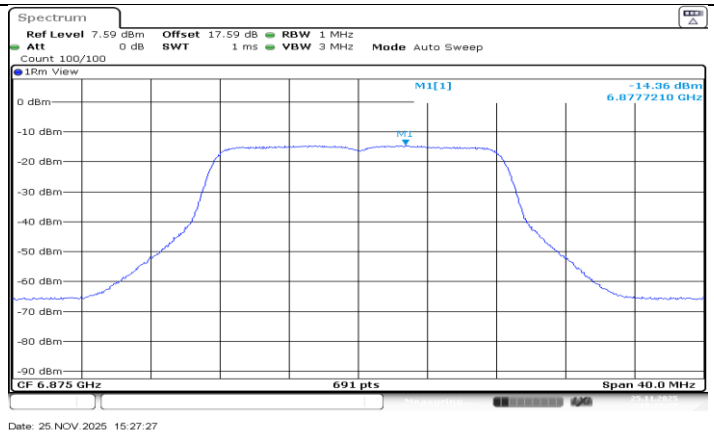
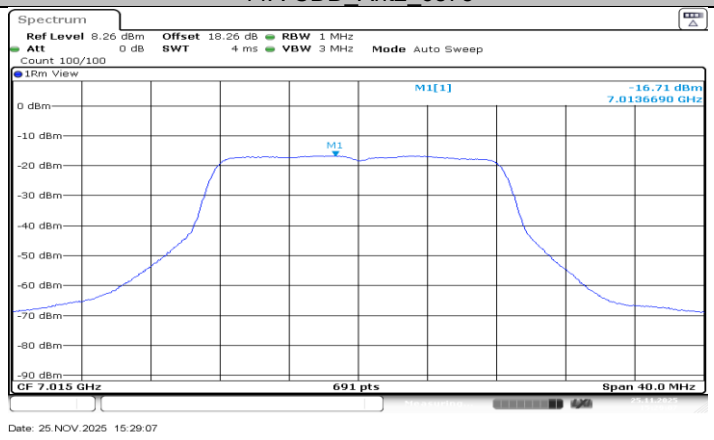
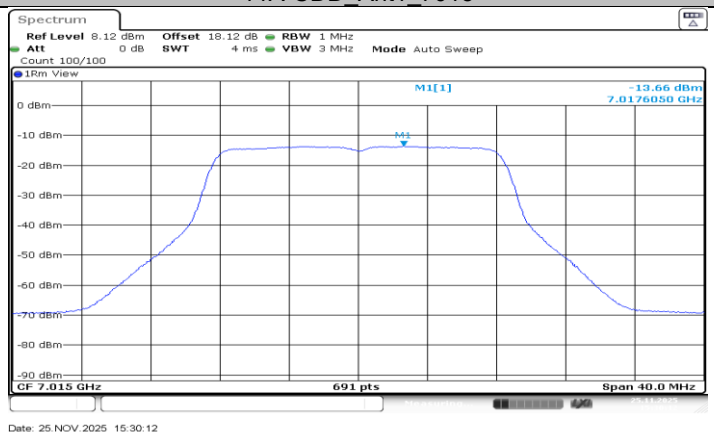


11A-CDD_Ant2_6875



11A-CDD_Ant1_7015



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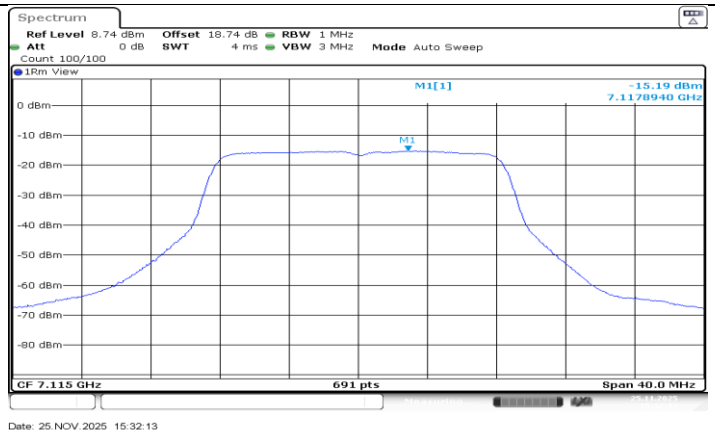
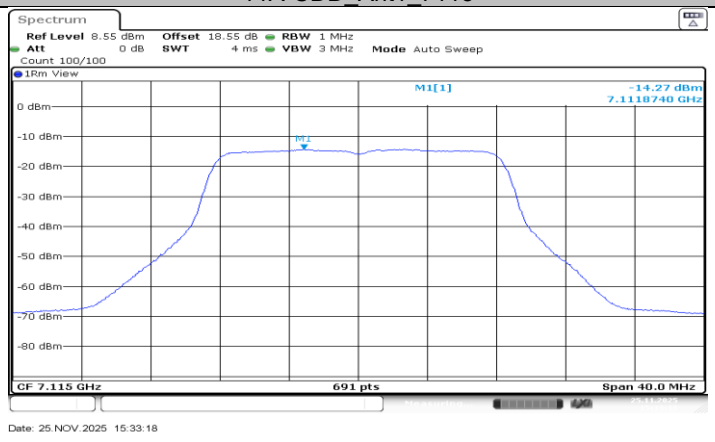


11A-CDD_Ant1_7115



11A-CDD_Ant2_7115

Note:
1. Only the worst data of 802.11a mode plots are reported to show setting parameter compliance with testing method/procedure.
2. For all modes, RBW setting to 1MHz is used on PSD measurement.