RADIO TEST REPORT

Report No.: SHATBL2210003W02

Applicant:

Applied Digital Research Corporation DBA SKYBOXE

Address:

15 Paradise Plaza, Suite 299 Sarasota FL. 34239

Product Name	:	5G Fixed Wireless Router
Brand Name	:	skyboxe
Model Name	:	SB5GCPE-150
Series Model	:	N/A
Test Standard	:	FCC Part15.247
FCC ID	:	2AWJSSB5GCPE-100

TEST RESULT CERTIFICATION

Applicant's Name.....:	Applied Digital Research Corporation DBA SKYBOXE
Address.....:	15 Paradise Plaza, Suite 299 Sarasota FL. 34239
Manufacturer's Name.....:	Applied Digital Research Corporation DBA SKYBOXE
Address.....:	15 Paradise Plaza, Suite 299 Sarasota FL. 34239

Product Description

Product Name.....:	5G Fixed Wireless Router
Brand Name.....:	skyboxe
Model Name.....:	SB5GCPE-150
Series Model.....:	N/A
Test Standards.....:	FCC Part15.407
Test Procedure.....:	ANSI C63.10-2013

This device described above has been tested by ATBL, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.
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Date of Test..... :	
Date of receipt of test item.....:	Aug. 25, 2022
Date (s) of performance of tests.....:	Aug. 26, 2022 ~ OCT. 12, 2022
Date of Issue.....:	OCT. 14, 2022
Test Result.....:	**Pass**

Report Prepared by :

(Roean Wei)

Report Approved by :

(Ghost Li)

Authorized Signatory :

(Terry Yang)

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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	OCT. 14, 2022	SHATBL2109019W02	ALL	Initial Issue

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

§ 15.407,KDB789033 D02 General U-NII Test Procedures New Rules v02r01

FCC Part15.407		
FCC standard	Test Item	Results
15.207	AC Conducted Emission	PASS
15.407 (a) /15.407 (e)	26dB/6dB&99% Bandwidth	PASS
15.407(a)	Maximum Conducted Output Power	PASS
15.407(b)/15.205/15.209	Radiated Emission And (Band edge Emissions) Measurement	PASS
15.407(a)	Power Spectral Density	PASS
15.407(c)	Automatically Discontinue Transmission	PASS
15.203	Antenna Requirement	PASS

REMARKS:

(1) 'N/A' denotes test is not applicable in this Test Report.

(2) All tests are according to ANSI C63.10-2013.

2. GENERAL INFORMATION

2.1. GENERAL DESCRIPTION OF THE EUT

<table>
<tr><td>Product Name</td><td colspan="2">5G Fixed Wireless Router</td></tr>
<tr><td>Trade Name</td><td colspan="2">skyboxe</td></tr>
<tr><td>Model Name</td><td colspan="2">SB5GCPE-150</td></tr>
<tr><td>Series Model</td><td colspan="2">N/A</td></tr>
<tr><td>Model Difference</td><td colspan="2">N/A</td></tr>
<tr><td rowspan="7">Product Description</td><td colspan="2">The EUT is a 5G Fixed Wireless Router</td></tr>
<tr><td rowspan="2">Operation Frequency:</td><td>IEEE 802.11a/n/ac/ax(HT20) 5.180GHz-5.240GHz
IEEE 802.11n/ac/ax(HT40) 5.190GHz-5.230GHz
IEEE 802.11ac/ax(HT80) 5.210GHz</td></tr>
<tr><td>IEEE 802.11a/n/ac/ax(HT20)5.745GHz-5.825GHz
IEEE 802.11a/n/ac/ax(HT40)5.755GHz-5.795GHz
IEEE 802.11ac/ax(HT80) 5.775GHz</td></tr>
<tr><td>Modulation Type:</td><td>802.11a:
BPSK,QPSK,16-QAM,64-QAM
802.11n:
BPSK,QPSK,16-QAM,64-QAM
802.11ac:
BPSK,QPSK,16-QAM,64-QAM,256-QAM
802.11ax:
BPSK,QPSK,16-QAM,64-QAM,256-QAM,1024-QAM</td></tr>
<tr><td>Antenna Designation:</td><td>Please refer to the Note 2.</td></tr>
<tr><td>Max.Output Power (Conducted):</td><td>28.37dBm For 802.11a UNII-1
29.90dBm For 802.11a UNII-3</td></tr>
<tr><td>Duty Cycle:</td><td><98%</td></tr>
<tr><td colspan="2">More details of EUT technical specification, please refer to the User's Manual.</td></tr>
<tr><td>Channel List</td><td colspan="2">Please refer to the REMARK 2.</td></tr>
<tr><td>Voltage Input</td><td colspan="2">Minimum 9V Nominal 12V Maximum 15V</td></tr>
<tr><td>Adapter</td><td colspan="2">I/P: 100-240V ~ 50/60Hz 0.7A
O/P: 12.0V ⎓ 2.0A</td></tr>
<tr><td>Hardware version number</td><td colspan="2">N/A</td></tr>
<tr><td>Software version number</td><td colspan="2">N/A</td></tr>
<tr><td>Connecting I/O Port(s)</td><td colspan="2">Please refer to the REMARK 1.</td></tr>
</table>

REMARKS:

1. For a more detailed features description, please refer to the manufacturer’s specifications or the User Manual.

2.

Operation Frequency of channel			
5180MHz-5250MHz		5745MHz-5825MHz	
Channel	Freq./MHz	Channel	Freq./MHz
36	5180	149	5745
38	5190	151	5755
40	5200	155	5775
42	5210	157	5785
44	5220	159	5795
46	5230	161	5805
48	5240	165	5825

Note:

In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Carrier Frequency Channel

5GHz:

For 802.11a/n/ac/ax (HT20)			
Channel	Freq.(MHz)	Channel	Freq.(MHz)
36	5180	149	5745
40	5200	157	5785
48	5240	165	5825

For 802.11n/ac/ax (HT40)			
Channel	Freq.(MHz)	Channel	Freq.(MHz)
38	5190	151	5755
46	5230	159	5795

For 802.11ac/ax (HT80)			
Channel	Freq.(MHz)	Channel	Freq.(MHz)
42	5210	155	5775

3.

Ant.	Antenna Type	Connector	Gain (dBi)	REMARK
0	PCB	N/A	1.6	WLAN ANT
1	PCB	N/A	2.1	WLAN ANT

2.2. DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Worst Mode	Description	Data Rate
Mode 1	TX IEEE 802.11a CH36&CH44&CH48	6 Mbps
Mode 2	TX IEEE 802.11a CH149&CH157&CH165	6 Mbps
Mode 3	TX IEEE 802.11n20 CH36&CH44&CH48	MCS 0
Mode 4	TX IEEE 802.11n20 CH149&CH157&CH165	MCS 0
Mode 5	TX IEEE 802.11ac20 CH36&CH44&CH48	MCS 0
Mode 6	TX IEEE 802.11ac20 CH149&CH157&CH165	MCS 0
Mode 7	TX IEEE 802.11n40 CH38&CH46	MCS 0
Mode 8	TX IEEE 802.11n40 CH151&CH159	MCS 0
Mode 9	TX IEEE 802.11ac40 CH38&CH46	MCS 0
Mode 10	TX IEEE 802.11ac40 CH151&CH159	MCS 0
Mode 11	TX IEEE 802.11ax40 CH38&CH46	MCS 0
Mode 12	TX IEEE 802.11ax40 CH151&CH159	MCS 0
Mode 13	TX IEEE 802.11ac80 CH42	MCS 0
Mode 14	TX IEEE 802.11ac80 CH155	MCS 0
Mode 15	TX IEEE 802.11ax80 CH42	MCS 0
Mode 16	TX IEEE 802.11ax80 CH155	MCS 0

Note:

(1) The measurements are performed at the highest, middle, lowest available channels.

(2) The measurements are performed at all Bit Rate of Transmitter, the worst data was reported.

(3) We have be tested for all available U.S. voltage and frequencies(For 120V,50/60Hz and 240V, 50/60Hz) for which the device is capable of operation.

AC Conducted Emission

Test Case	
AC Conducted Emission	Mode17: Keeping TX + WLAN Link

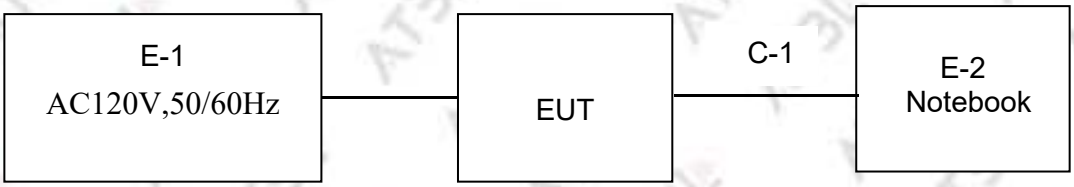
2.3. TEST SOFTWARE AND POWER LEVEL

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level.

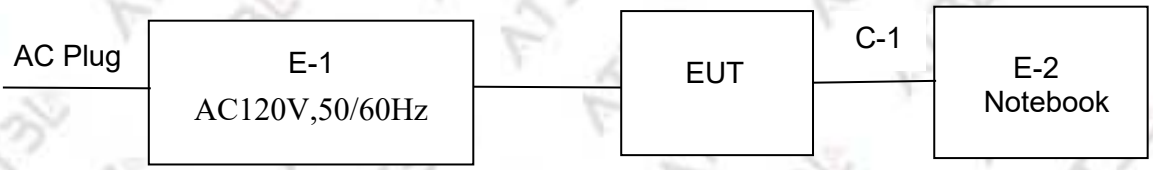
RF Function	Ant No.	Mode Or Modulation type	Ant Gain(dBi)	Power Class	Software For Testing
WIFI(5G)	0	802.11a	1.6	30	QRCT
		802.11n20		30	
		802.11n40		30	
		802.11ac20		30	
		802.11ac40		30	
		802.11ac80		30	
		802.11ax20		30	
		802.11ax40		30	
		802.11ax80		30	
WIFI(5G)	1	802.11a	2.1	30	
		802.11n20		30	
		802.11n40		30	
		802.11ac20		30	
		802.11ac40		30	
		802.11ac80		30	
		802.11ax20		30	
		802.11ax40		30	
		802.11ax80		30	

2.4. BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated Spurious Emission Test



Conducted Emission Test



2.5. DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Necessary accessories

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
N/A	N/A	N/A	N/A	N/A	N/A

Support units

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
E-2	Notebook	Lenovo	DESKTOP-USDEO09	00326-10000-00000-AA636	N/A
C-1	USB Cable	N/A	100cm	N/A	N/A

Note:

(1) The support equipment was authorized by Declaration of Confirmation.

(2) For detachable type I/O cable should be specified the length in cm in『Length』column.

2.6. LABORATORY INFORMATION

Company Name:	Shanghai ATBL Technology Co., Ltd.
Address:	Building 8,No.160 Basheng Road,Waigaoqiao Free Trade Zone,Pudong New Area,Shanghai
Telephone:	+86(0)21-51298625
The FCC Registration Number (FRN):	0031025281
A2LA Number:	6184.01
CNAS Number:	CNAS L14531

2.7. MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y ±U**, where expended uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k=2**, providing a level of confidence of approximately **95** %.

No.	Item	Uncertainty
1	RF output power, conducted	±0.958dB
2	Conducted spurious emissions	±2.988dB
3	All emissions, radiated 30MHz-1GHz	±2.50dB
4	All emissions, radiated 1GHz-18GHz	±3.51dB
5	Occupied bandwidth	±23.20dB
6	Power spectral density	±0.886dB

2.8. EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Management number	Calibrated until
Test Receiver	R&S	ESCI	100469	SHATBL-E003	2023.05.20
Spectrum Analyzer	Agilent	N9020A	MY50200811	SHATBL-E017	2023.05.20
Loop Antenna	Daze	ZN30900C	20077	SHATBL-E042	2023.05.20
Bilog Antenna	SCHWARZBECK	VLUB 9168	01174	SHATBL-E008	2023.05.20
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	SHATBL-E009	2023.05.20
Horn Antenna(18-40G)	COM-POWER	AH-1840	10100008	SHATBL-E043	2023.05.20
Pre-Amplifier (0.1M-3GHz)	JPT	JPA-10M1G35	21010100035001	SHATBL-E005	2023.05.20
Pre-Amplifier (1G-18GHz)	JPT	JPA0118-55-303A	1910001800055000	SHATBL-E006	2023.05.20
Temperature & Humidity	DeLi	DeLi	N/A	SHATBL-E016	2023.05.20
Antenna/Turntable Controller	Brilliant	N/A	N/A	SHATBL-E007	N/A
Test SW	FALA	EMC-RI(Ver.4A2)		SHATBL-E046	N/A

Conduction Test equipment

Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Test Receiver	R&S	ESPI	101679	SHATBL-E012	2023.05.20
LISN	R&S	ENV216	101300	SHATBL-E013	2023.05.20
LISN	R&S	ENV216	100333	SHATBL-E041	2023.05.20
Temperature & Humidity	DeLi	DeLi	N/A	SHATBL-E015	2023.05.20
Test SW	FALA	EZ-EMC(Ver.EMC-CON3A1.1)		SHATBL-E044	N/A

RF Connected Test

Kind of Equipment	Manufacturer	Type No.	Serial No.	Management number	Calibrated until
MIMO Power measurement test Set	DARE	RPR3006W	16I00054SN016	SHATBL-W006	2023.09.27
			RPR6W-20001005	SHATBL-W013	2023.09.27
Signal Analyzer	R&S	FSP40	100626	SHATBL-W041	2023.05.28
Signal Generator	Agilent	N5182B	MY46240556	SHATBL-W005	2023.09.27
Wireless Communications Test Set	R&S	CMW500	101331	SHATBL-W007	2023.09.27
Temperature & Humidity	Deli	deli	N/A	SHATBL-W011	2023.09.27
Attenuator	Agilent	8494B	DC-18G	SHATBL-W009	2023.09.27
Attenuator	Agilent	8496B	DC-18G	SHATBL-W010	2023.09.27
power splitter	MNK	MPD-DC/6-2S	62315 G51	SHATBL-W015	2023.09.27
			62315 G52	SHATBL-W016	2023.09.27
Filter	Chengdu kangmaiwei	ZBSF-C2400-2483.5-T3	N/A	SHATBL-W021	N/A
		ZBSF-C5150-5350-T5	N/A	SHATBL-W022	2023.01.25
		ZBSF-C5725-5850-T5	N/A	SHATBL-W024	N/A
Constant temperature and humidity box	KSON	THS-B6C-150	6159K	SHATBL-W019	2023.01.17
Test SW	FALA	LZ-RF(Ver.LzRF-03A3.1)		SHATBL-W020	N/A

3. EMC EMISSION TEST

3.1. CONDUCTED EMISSION MEASUREMENT

3.1.1. POWER LINE CONDUCTED EMISSION LIMITS

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

0.15 -0.5	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	60.00	50.00	FCC

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

3.1.2. TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

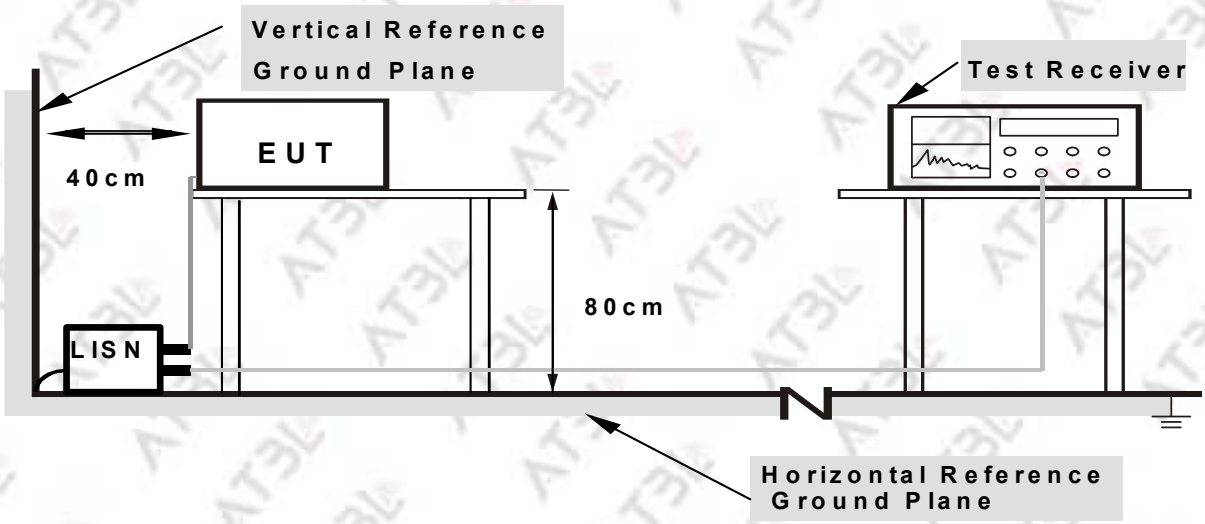
d. LISN at least 80 cm from nearest part of EUT chassis.

e. For the actual test configuration, please refer to the related Item –EUT Test Photos.

3.1.3. DEVIATION FROM TESTS TANDARD

No deviation

3.1.4. TEST SETUP



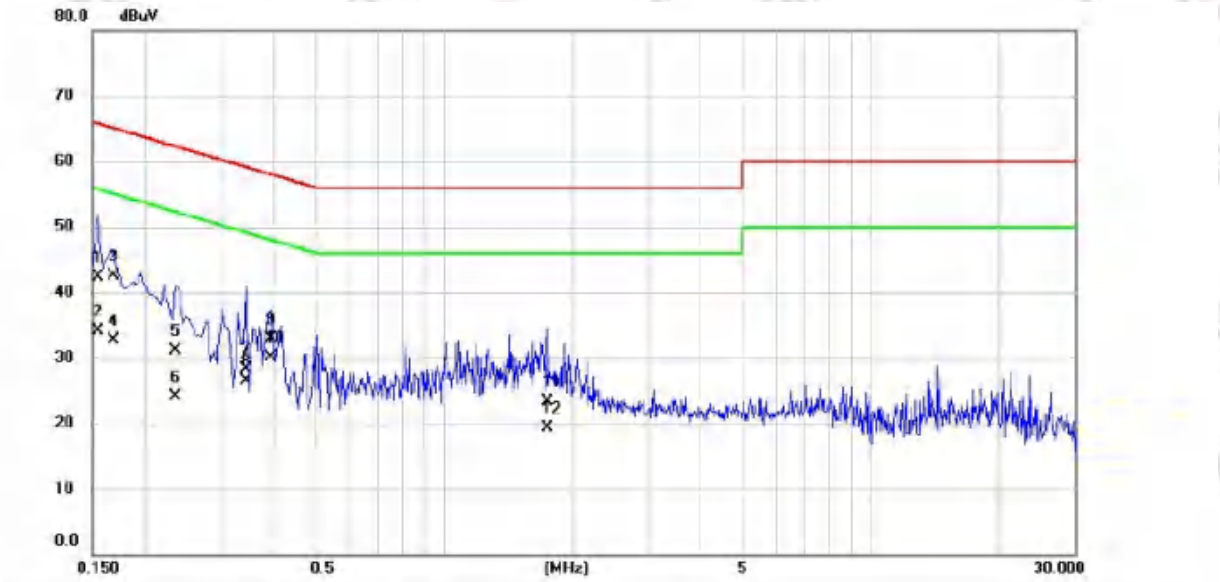
Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80 from other units and other metal planes

3.1.5. EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it).The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

3.1.6. TEST RESULTS

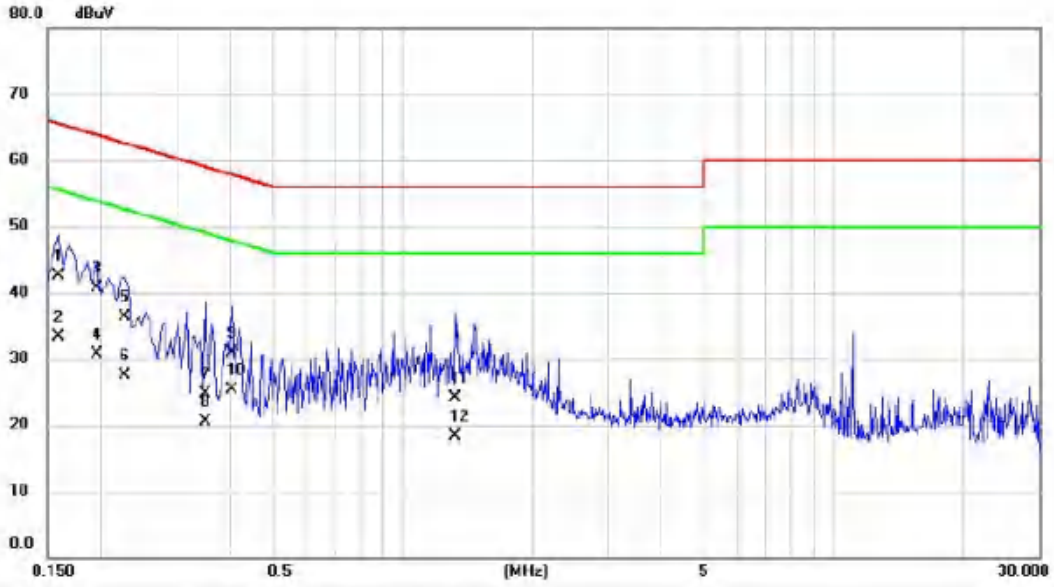
Temperature:	26 ℃	Relative Humidity:	54%
Test Voltage:	AC 120V/60Hz	Phase:	L
Test Mode：	Mode 13		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1545	32.60	9.78	42.38	65.75	-23.37	QP	
2		0.1545	24.40	9.78	34.18	55.75	-21.57	AVG	
3		0.1680	32.70	9.78	42.48	65.06	-22.58	QP	
4		0.1680	22.90	9.78	32.68	55.06	-22.38	AVG	
5		0.2355	21.30	9.78	31.08	62.25	-31.17	QP	
6		0.2355	14.40	9.78	24.18	52.25	-28.07	AVG	
7		0.3435	18.50	9.79	28.29	59.12	-30.83	QP	
8		0.3435	16.80	9.79	26.59	49.12	-22.53	AVG	
9		0.3930	23.20	9.78	32.98	58.00	-25.02	QP	
10	*	0.3930	20.30	9.78	30.08	48.00	-17.92	AVG	
11		1.7520	13.40	9.88	23.28	56.00	-32.72	QP	
12		1.7520	9.40	9.88	19.28	46.00	-26.72	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Temperature:	26 ℃	Relative Humidity:	54%
Test Voltage	AC 120V/60Hz	Phase:	N
Test Mode	Mode 13		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1590	32.70	9.78	42.48	65.52	-23.04	QP	
2	*	0.1590	23.50	9.78	33.28	55.52	-22.24	AVG	
3		0.1950	30.90	9.77	40.67	63.82	-23.15	QP	
4		0.1950	20.90	9.77	30.67	53.82	-23.15	AVG	
5		0.2265	26.50	9.77	36.27	62.58	-26.31	QP	
6		0.2265	17.70	9.77	27.47	52.58	-25.11	AVG	
7		0.3480	15.00	9.78	24.78	59.01	-34.23	QP	
8		0.3480	10.70	9.78	20.48	49.01	-28.53	AVG	
9		0.4020	21.10	9.78	30.88	57.81	-26.93	QP	
10		0.4020	15.50	9.78	25.28	47.81	-22.53	AVG	
11		1.3245	14.30	9.84	24.14	56.00	-31.86	QP	
12		1.3245	8.50	9.84	18.34	46.00	-27.66	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

3.2. RADIATED EMISSION MEASUREMENT

3.2.1. RADIATED EMISSION LIMITS

In case the emission fall within the restricted band specified on 15.407(b)7& 15.205/209(a), then the (a); limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/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
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Limits Of Radiated Emission Measurement (Above 1000Mhz)

FREQUENCY (MHz)	Class B (dBμV/m) (at 3M)	
	PEAK	AVERAGE
Above 1000	68.2	54

Note:

(1) The limit for radiated test was performed according to FCC PART 15E.

(2) The tighter limit applies at the band edges.

(3) Emission level (dBμV/m)=20log Emission level (μV/m).

Spectrum Parameter	Setting
Attenuation	Auto
Detector	Peak
Start Frequency	1000 MHz(Peak/AV)
Stop Frequency	10th carrier harmonic(Peak/AV)
RB / VB (emission in restricted band)	1MHz / 1MHz, AV=1 MHz /3MHz

For Band edge

Spectrum Parameter	Setting
Detector	Peak
RB / VB (emission in restricted band)	1MHz / 1MHz, AV=1 MHz /3 MHz

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~90kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	90kHz~110kHz / RB 200Hz for QP
Start ~ Stop Frequency	110kHz~490kHz / RB 200Hz for PK & AV
Start ~ Stop Frequency	490kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

3.2.2. TEST PROCEDURE

a. The measuring distance of at 3 m shall be used for measurements at frequency 0.009MHz up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.

b. The EUT was placed on the top of a rotating table 0.8 meters(above 1GHz is 1.5 m) above the ground at a 3 meter anechoic chamber.The table was rotated 360 degrees to determine the position of the highest radiation.

c. The height of the equipment shall be 0.8 m(above 1GHz is 1.5 m); the height of the test antenna shall vary between 1 m to 4 m. Horizontal and vertical polarizations of the antenna are set to make the measurement

d. 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.

e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.

f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

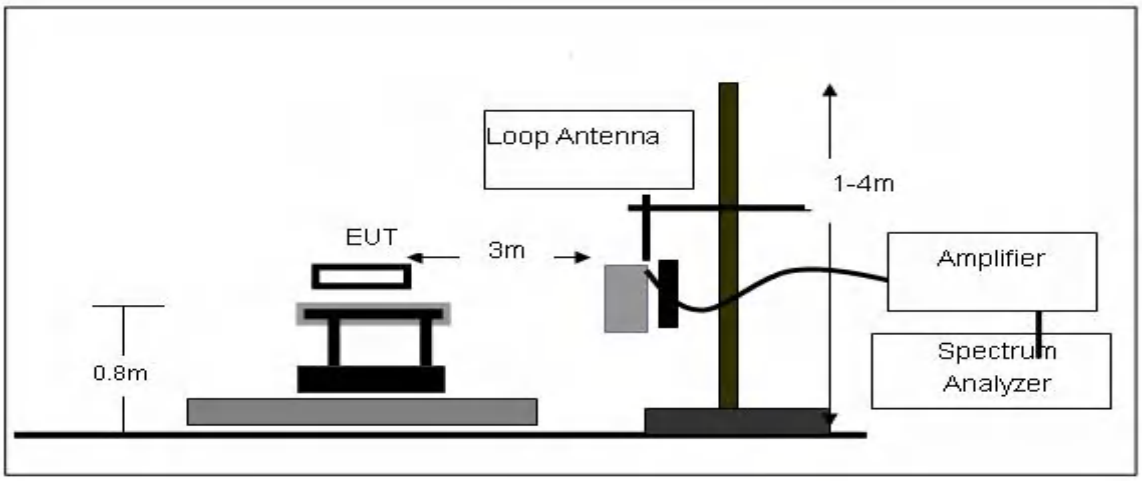
Both horizontal and vertical antenna polarities were tested and performed test to three orthogonal axis. The worst case emissions were reported

3.2.3. DEVIATION FROM TEST STANDARD

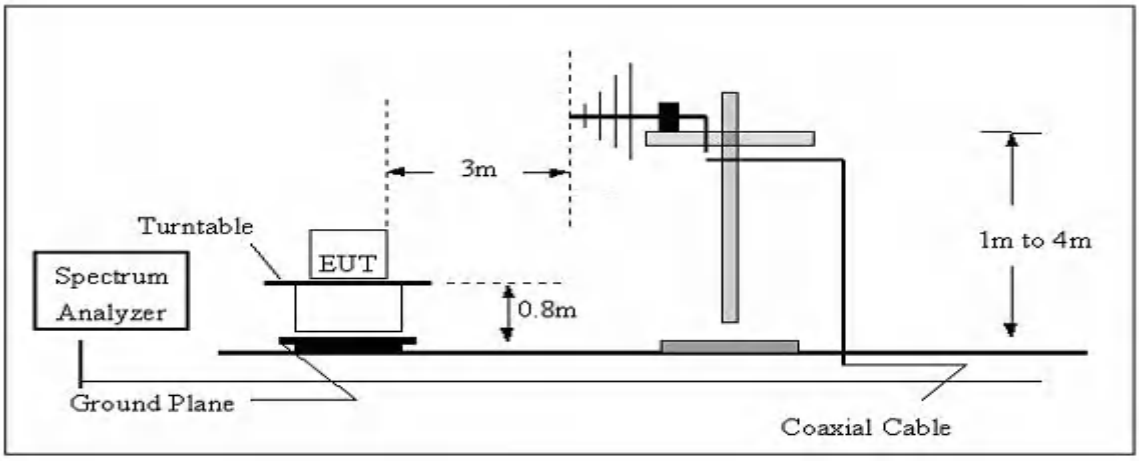
No deviation

3.2.4. TEST SETUP

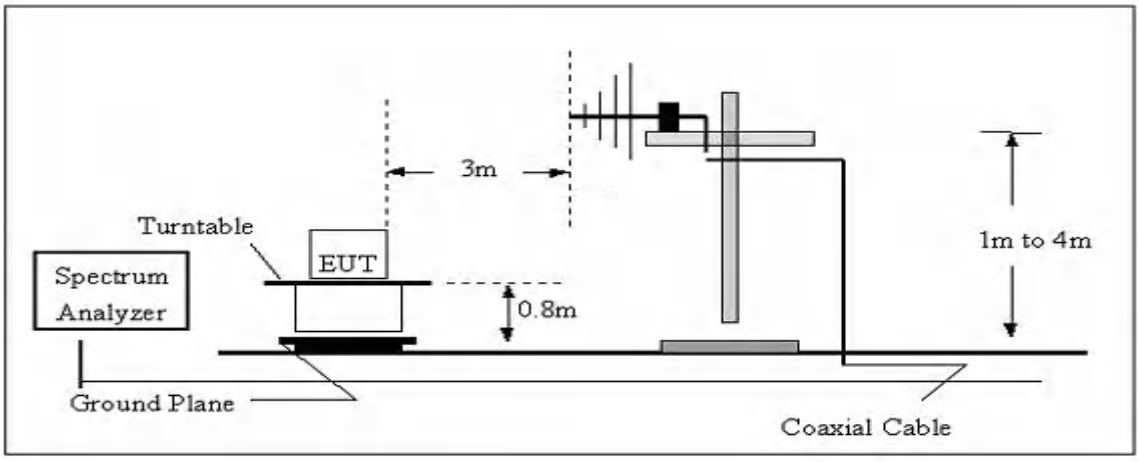
(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



(C) Radiated Emission Test-Up Frequency Above 1GHz



3.2.5. EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

3.2.6. FIELDS TRENGTH CALCULATION

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

FS = RA + AF + CL - AG

Where

FS = Field Strength

CL = Cable Attenuation Factor (Cable Loss)

RA = Reading Amplitude

AG = Amplifier Gain

AF = Antenna Factor

For example

Frequency	FS	RA	AF	CL	AG	Factor
(MHz)	(dBμV/m)	(dBμV/m)	(dB)	(dB)	(dB)	(dB)
300	40	58.1	12.2	1.6	31.9	-18.1

Factor=AF + CL - AG

3.2.7. TEST RESULTS

3.2.7.1. FOR RADIATED SPURIOUS EMISSIONS

9kHz~30MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Polarization:	--
Test Mode:	TX Mode		

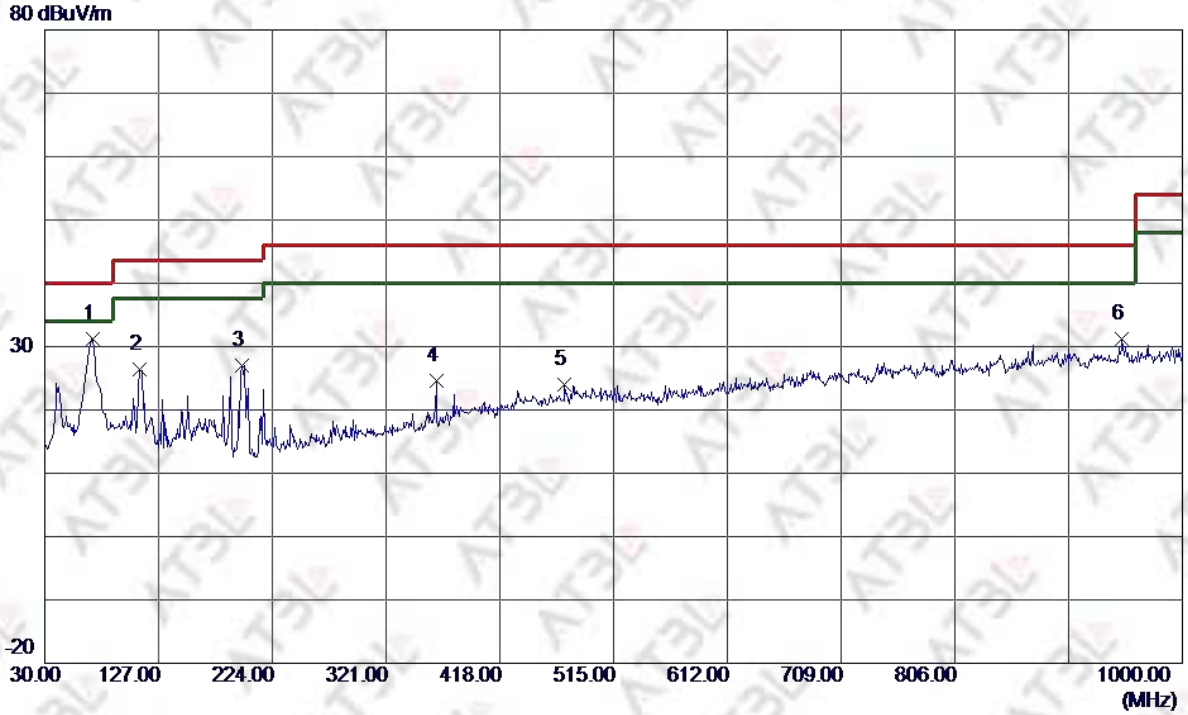
REMARK:

The measured value have enough margin over 20dB than the limit, therefore they are not reported.

30MHz - 1GHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	Mode 3		

Mode X



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	70.7400	50.60	-19.37	31.23	40.00	-8.77	Peak	
2	110.9950	45.09	-18.68	26.41	43.50	-17.09	Peak	
3	198.2950	45.62	-18.56	27.06	43.50	-16.44	Peak	
4	363.6800	38.28	-13.62	24.66	46.00	-21.34	Peak	
5	473.2900	35.17	-11.12	24.05	46.00	-21.95	Peak	
6	948.5900	35.53	-4.38	31.15	46.00	-14.85	Peak	

REMARKS:

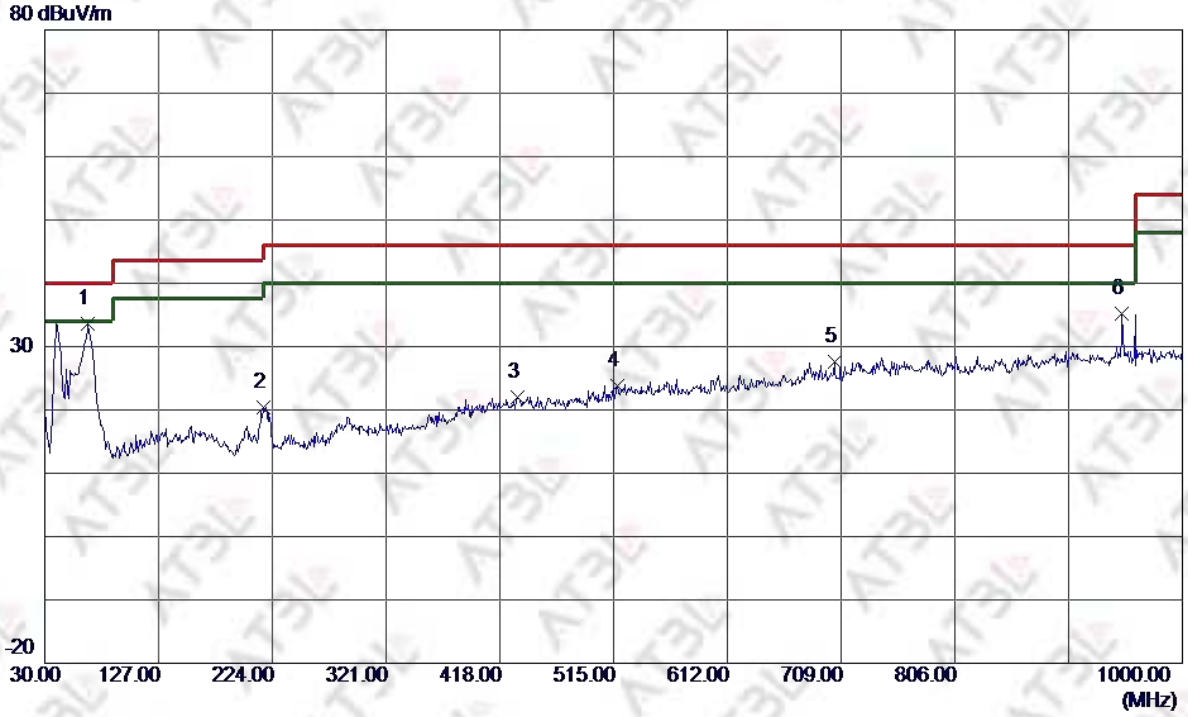
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

30MHz - 1GHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	Mode 3		

Mode X



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	66.8600	52.25	-18.70	33.55	40.00	-6.45	Peak	
2	216.7250	38.81	-18.44	20.37	46.00	-25.63	Peak	
3	433.5200	33.75	-11.81	21.94	46.00	-24.06	Peak	
4	518.3950	34.12	-10.29	23.83	46.00	-22.17	Peak	
5	703.6650	34.98	-7.37	27.61	46.00	-18.39	Peak	
6	948.5900	39.63	-4.38	35.25	46.00	-10.75	Peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

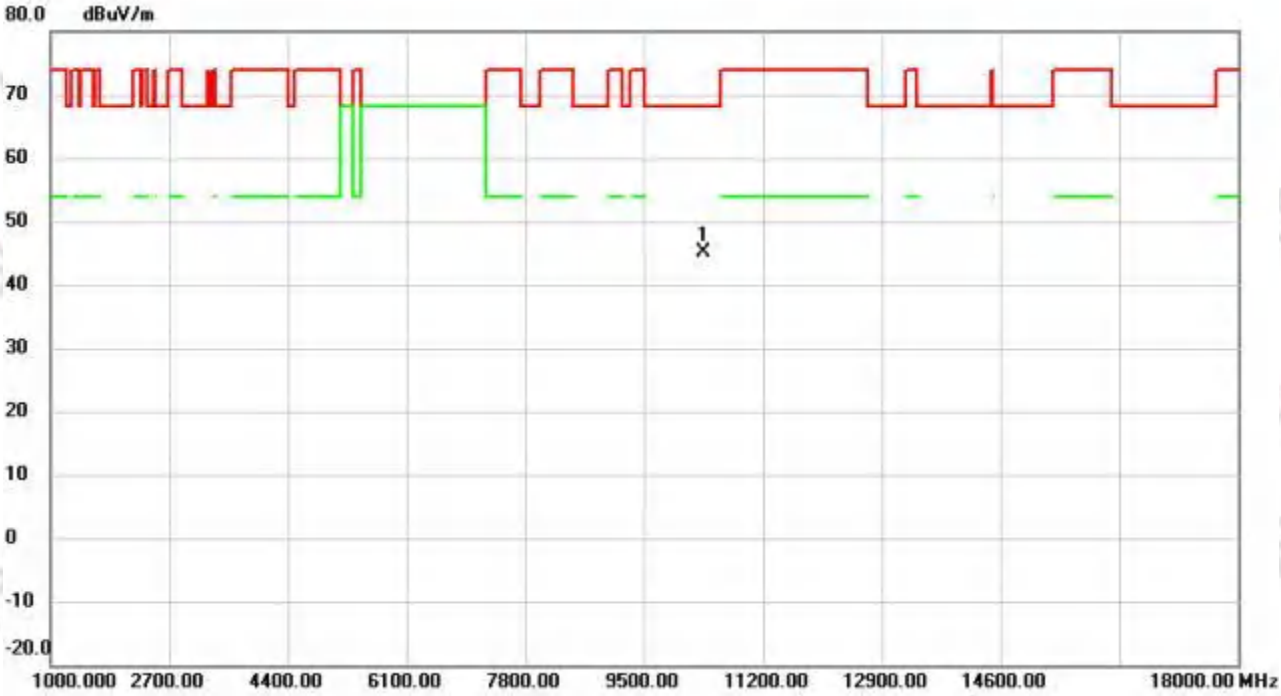
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

802.11a_5180MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10360.000	54.40	-9.37	45.03	68.20	-23.17	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

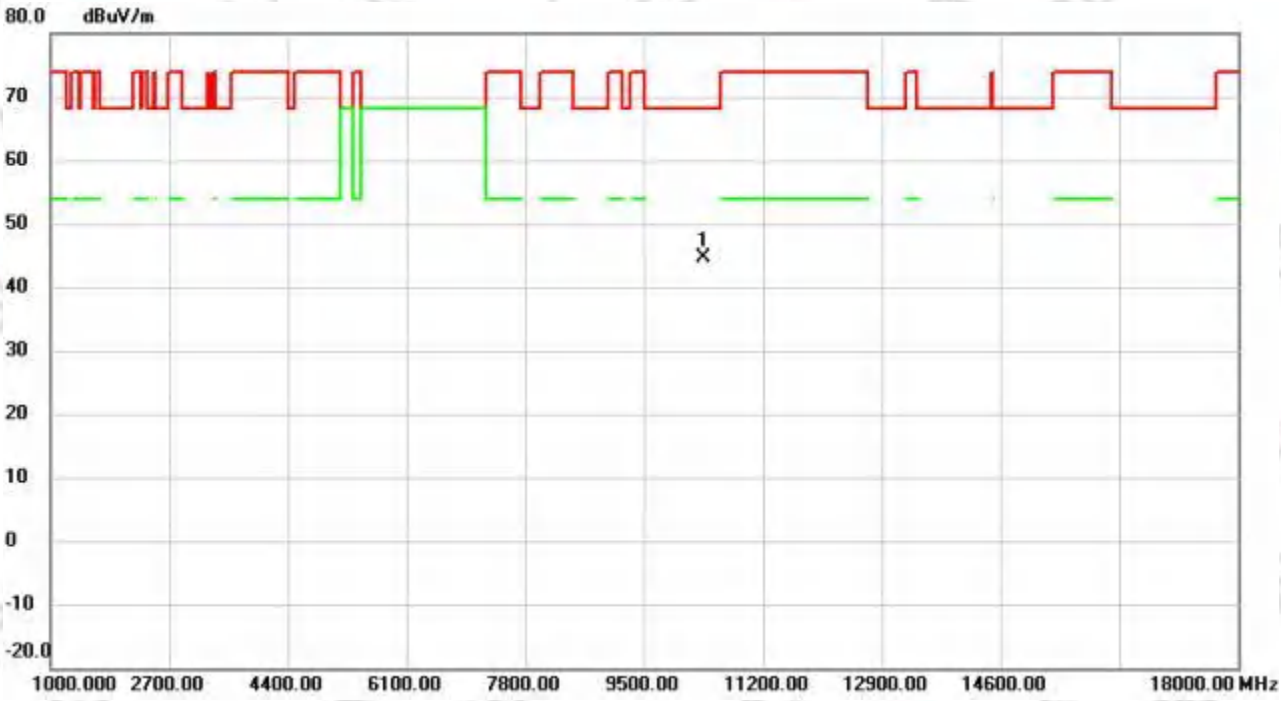
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

802.11a_5180MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10360.00	54.04	-9.37	44.67	68.20	-23.53	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

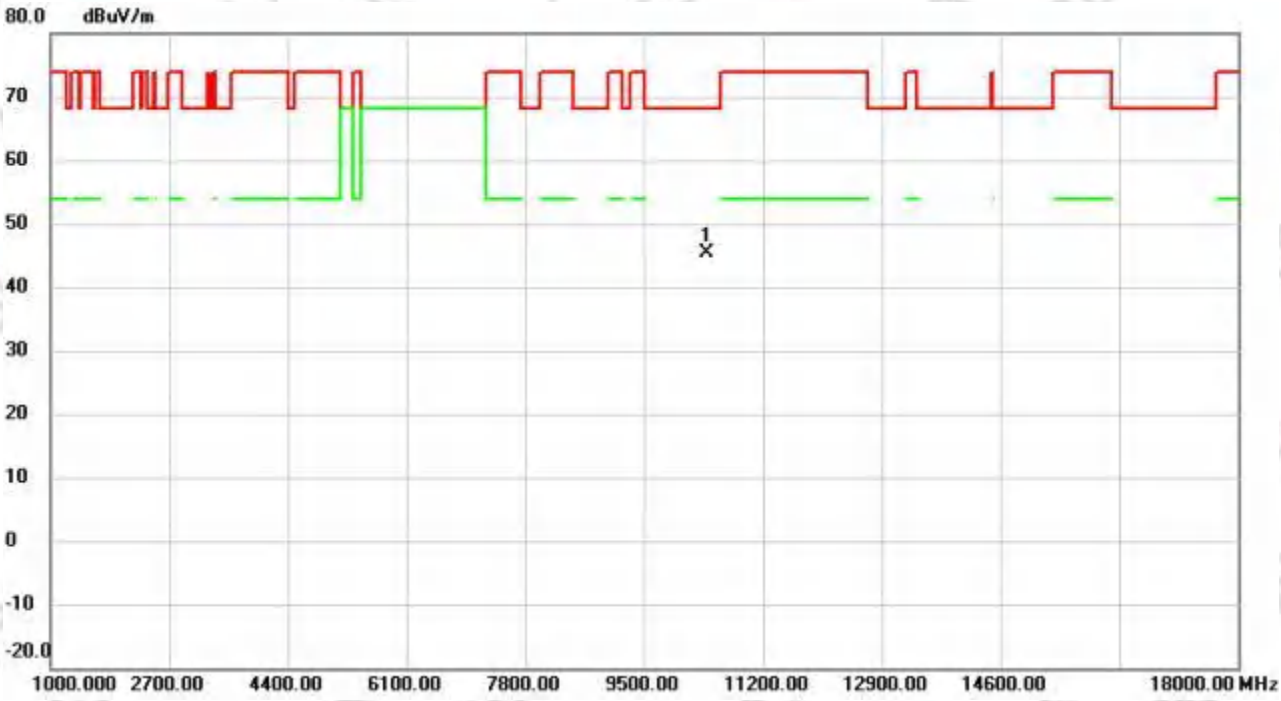
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

802.11a_5200MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10400.00	54.63	-9.35	45.28	68.20	-22.92	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

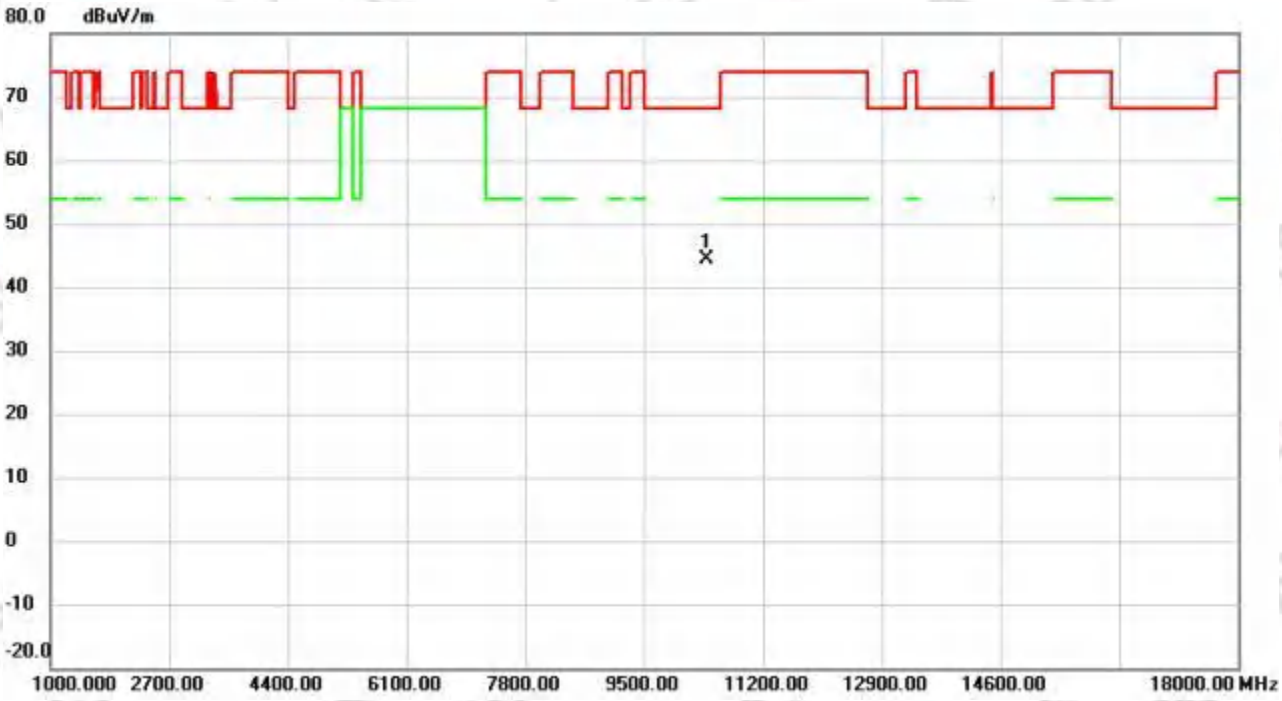
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

802.11a_5200MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10400.00	53.62	-9.35	44.27	68.20	-23.93	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

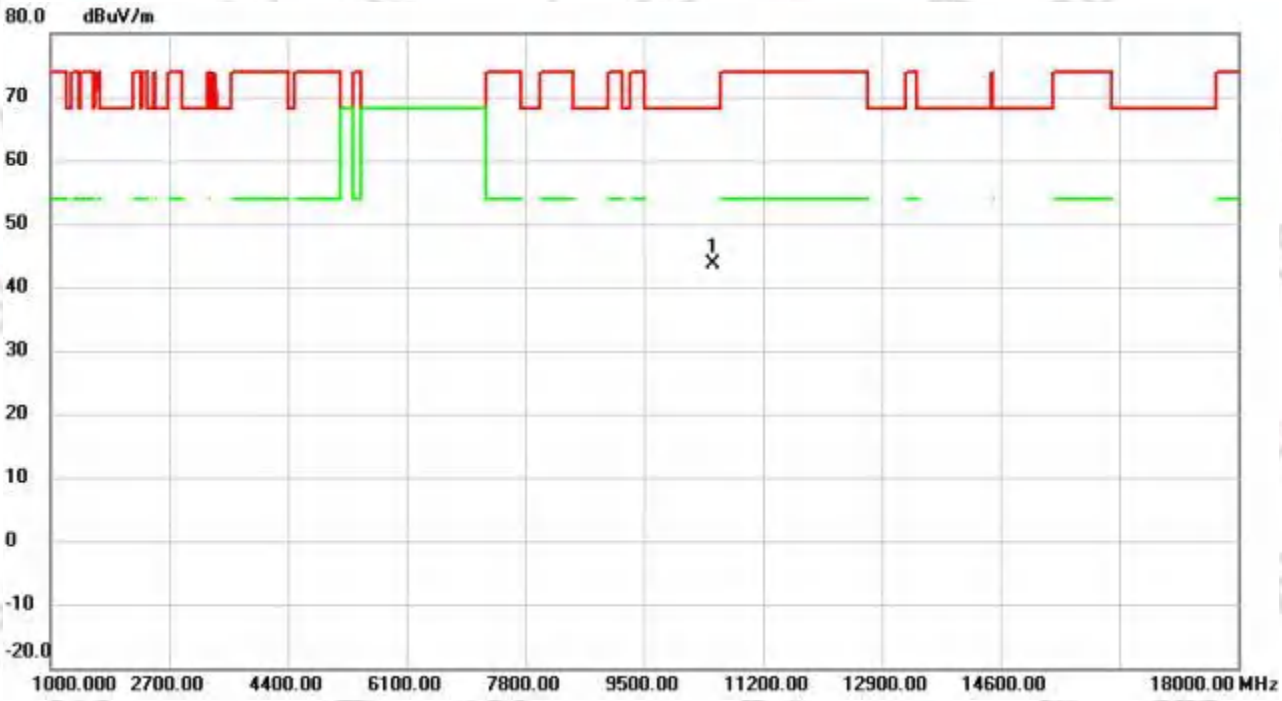
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

802.11a_5240MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10480.11	52.79	-9.19	49.60	68.20	-24.60	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

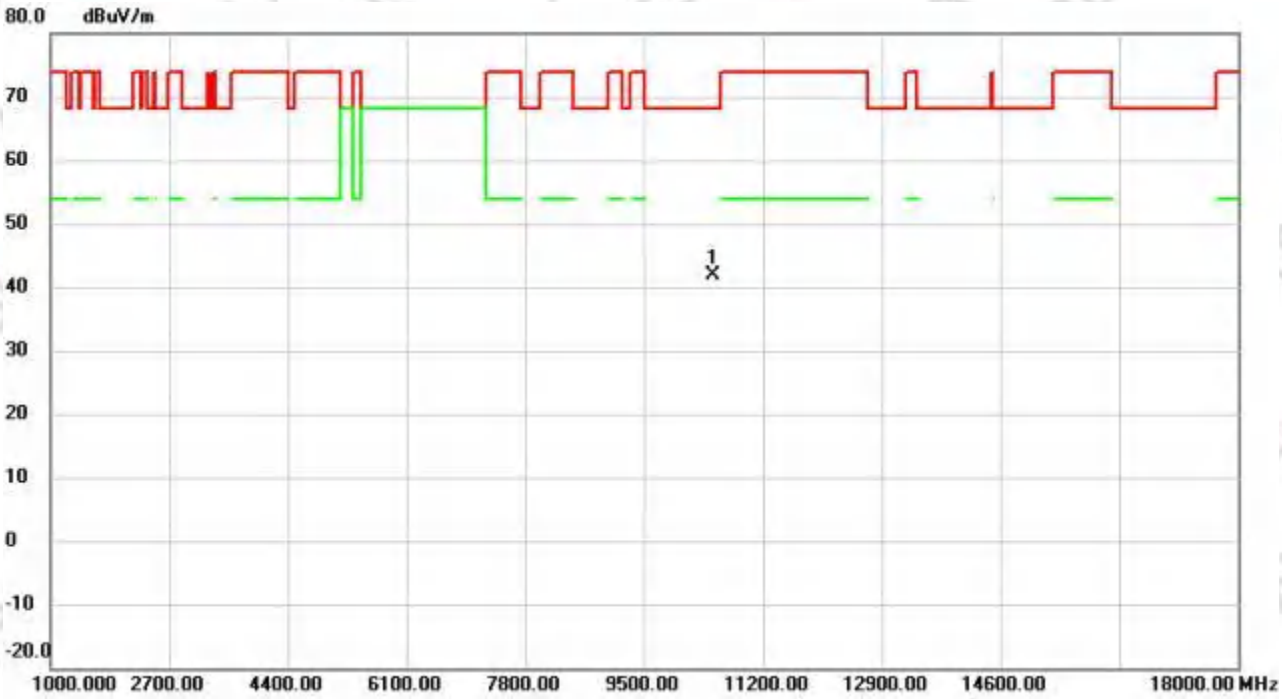
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

802.11a_5240MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10480.00	51.10	-9.19	41.91	68.20	-26.29	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

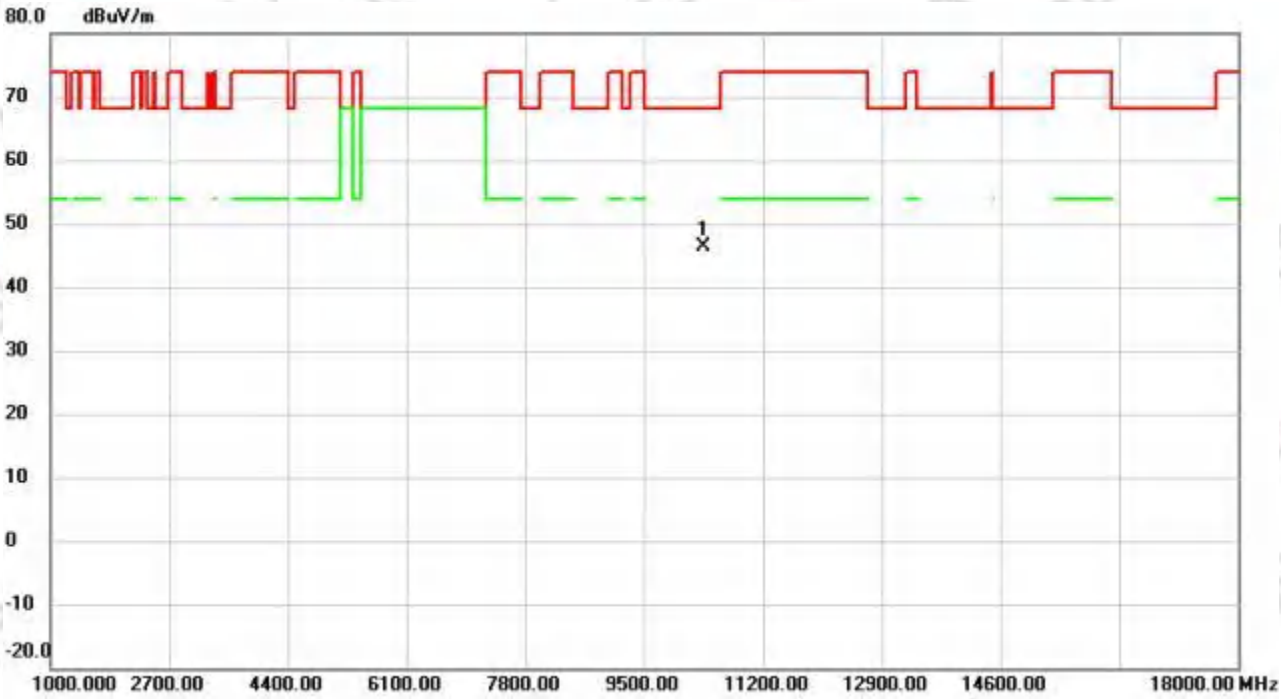
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11n20		

802.11n20_5180MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10360.00	55.72	-9.37	46.35	68.20	-21.85	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

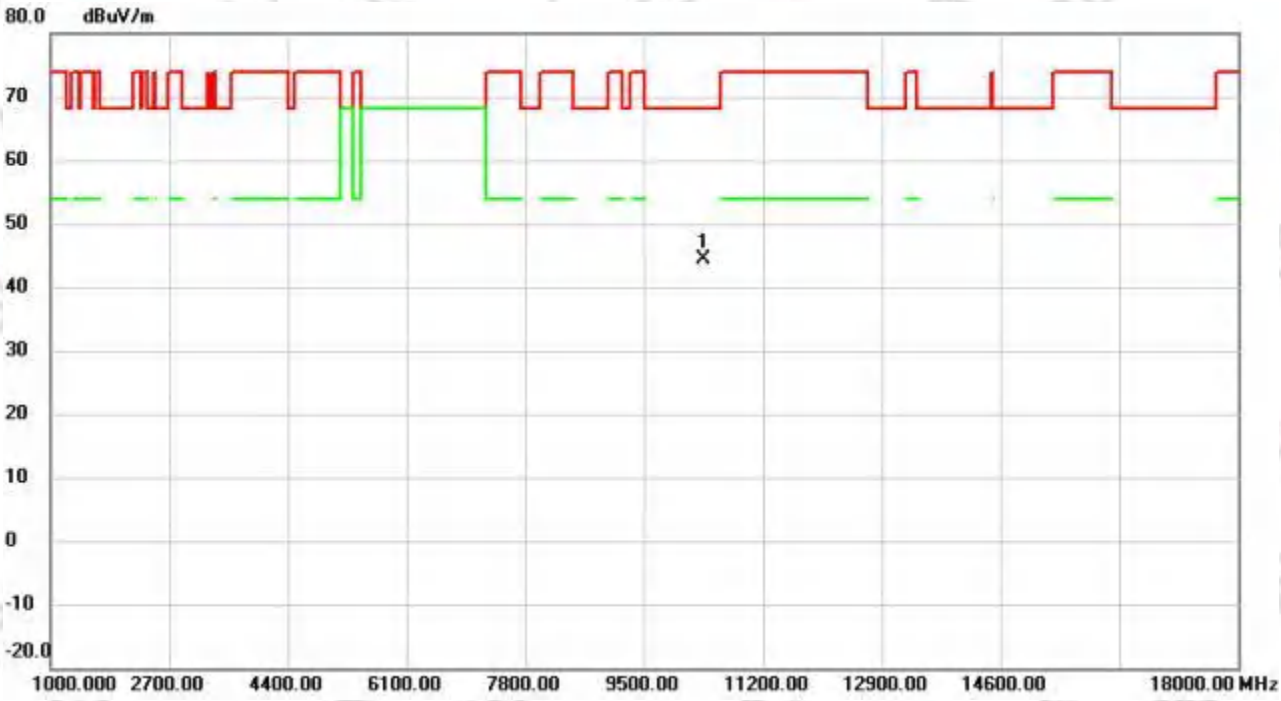
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11n20		

802.11n20_5180MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10360.00	53.65	-9.37	44.28	68.20	-23.92	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

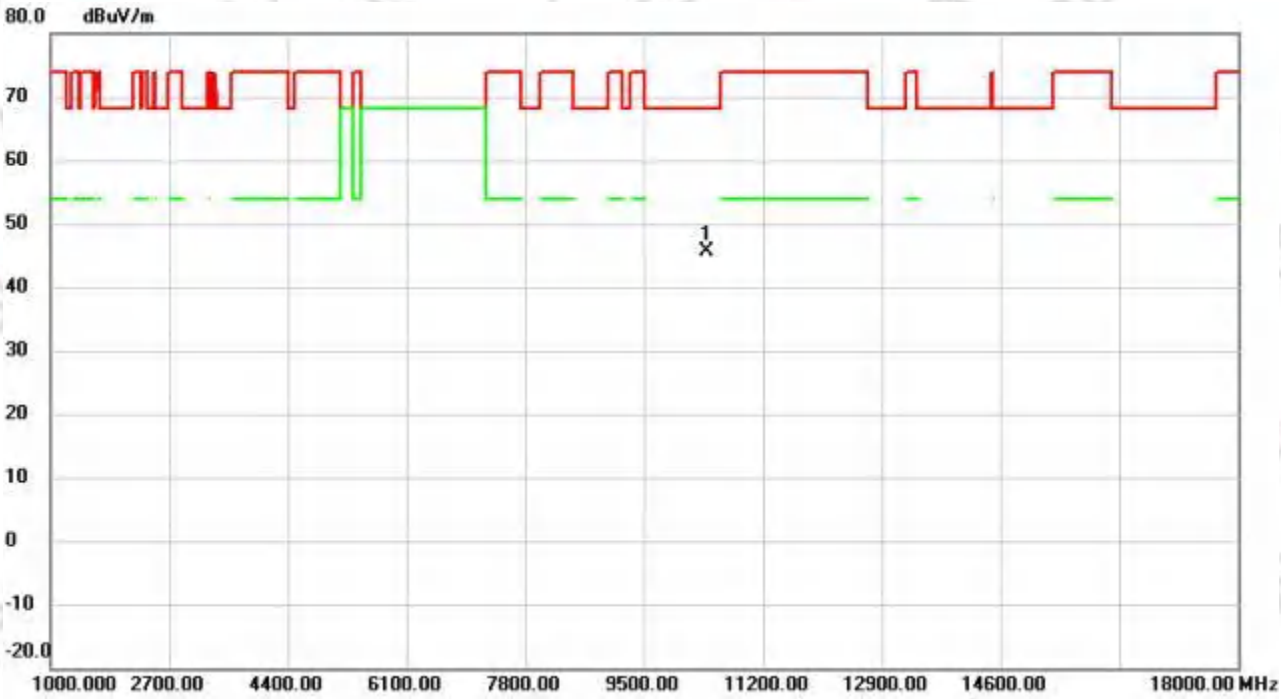
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11n20		

802.11n20_5200MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10400.00	54.94	-9.35	45.59	68.20	-22.61	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

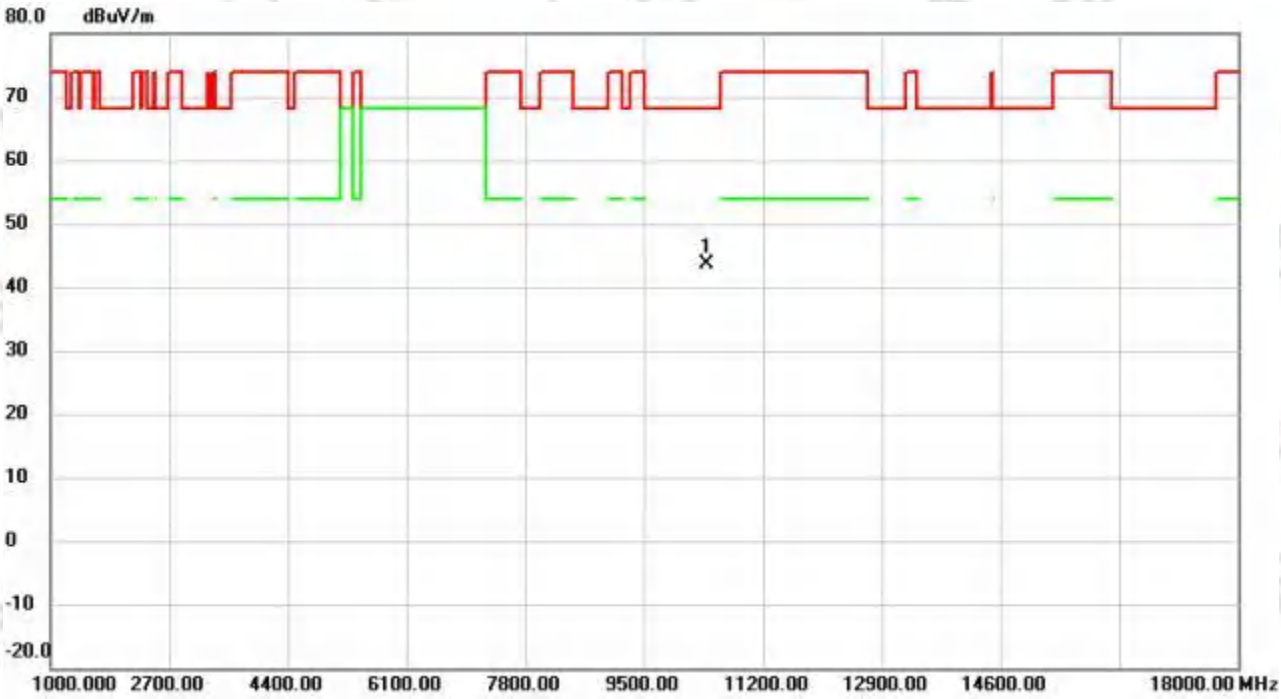
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11n20		

802.11n20_5200MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10400.000	52.92	-9.35	43.57	68.20	-24.63	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

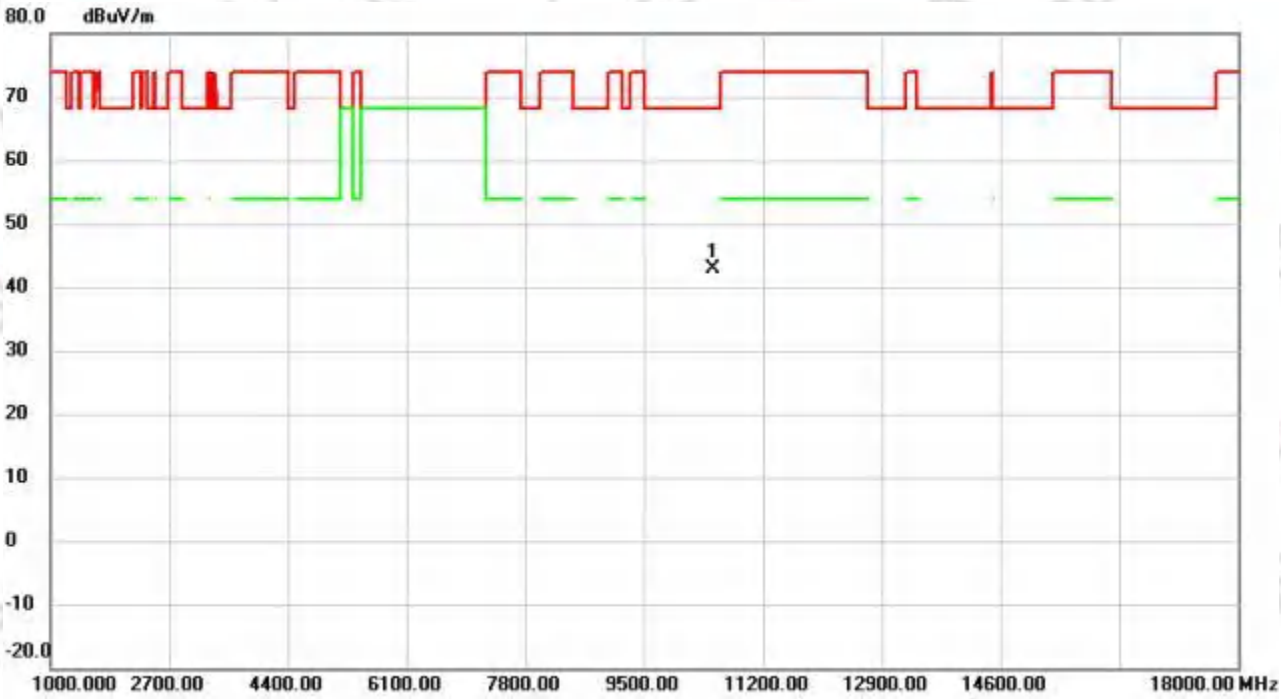
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11n20		

802.11n20_5240MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10480.000	52.08	-9.19	42.89	68.20	-25.31	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

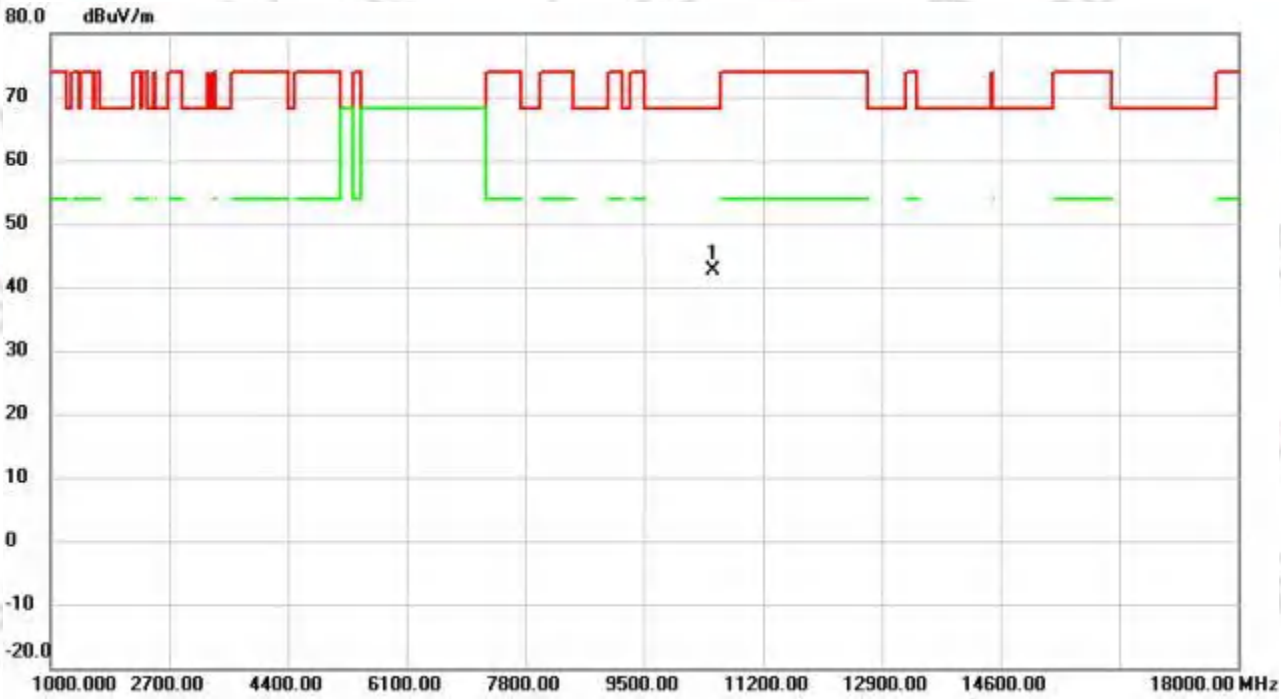
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11n20		

802.11n20_5240MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10480.000	51.94	-9.19	42.75	68.20	-25.45	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

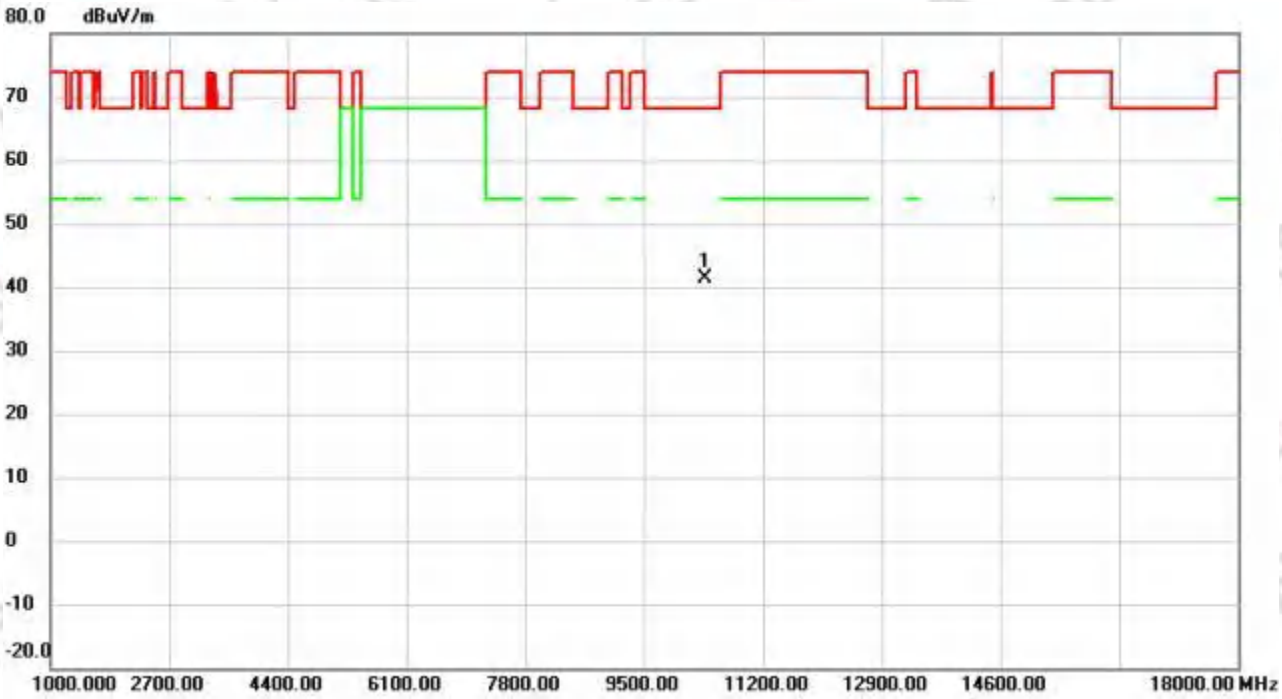
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11n40		

802.11n40_5190MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10380.000	50.68	-9.37	41.31	68.20	-26.89	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

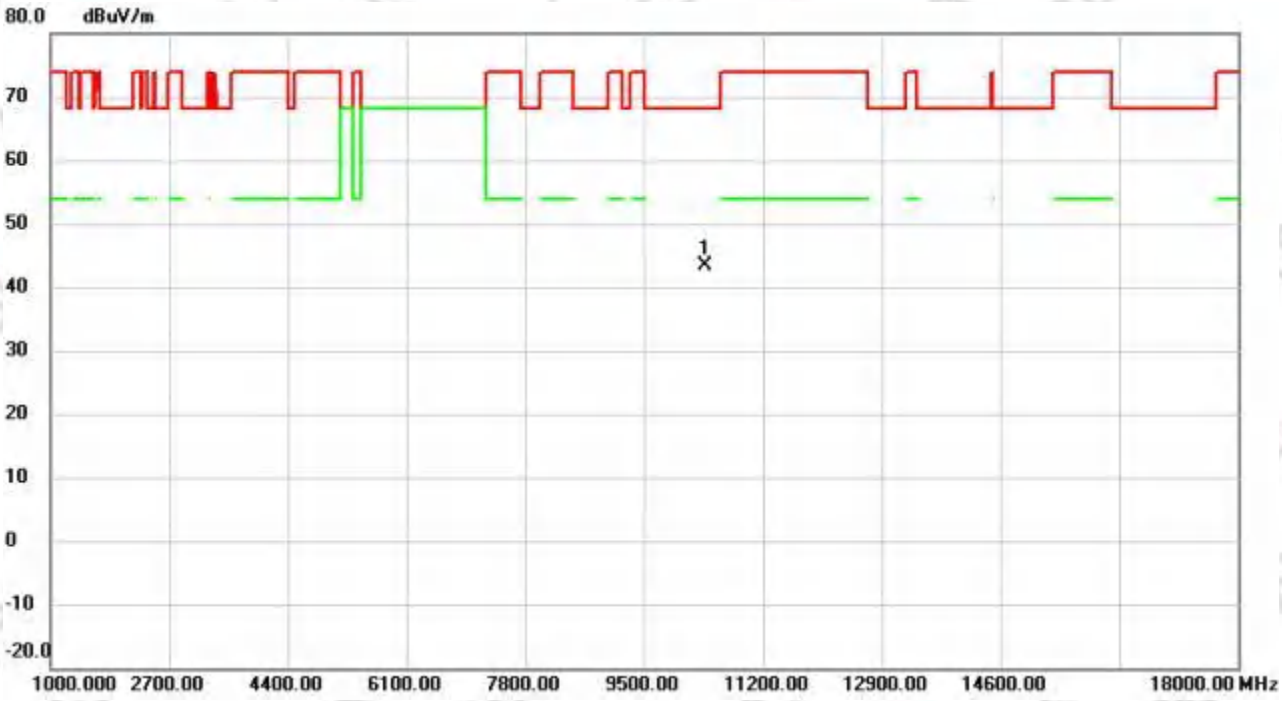
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11n40		

802.11n40_5190MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10380.000	52.73	-9.37	43.36	68.20	-24.84	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

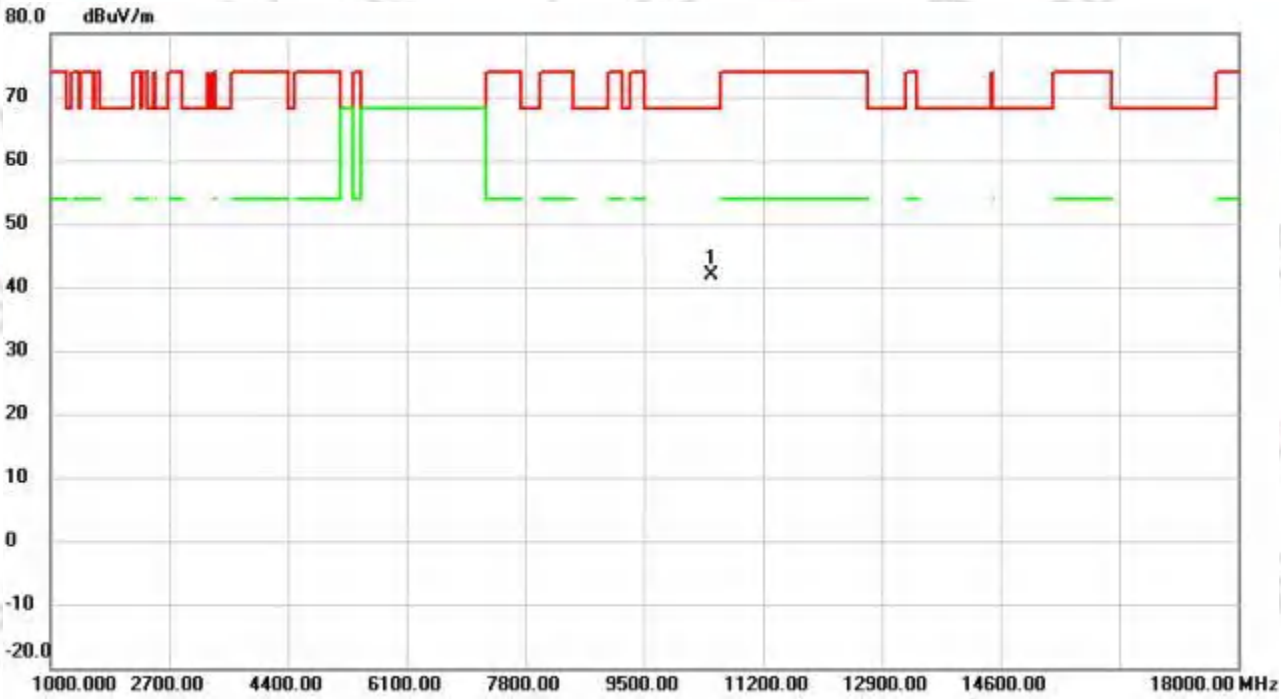
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11n40		

802.11n40_5230MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10460.000	51.08	-9.23	41.85	68.20	-26.35	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

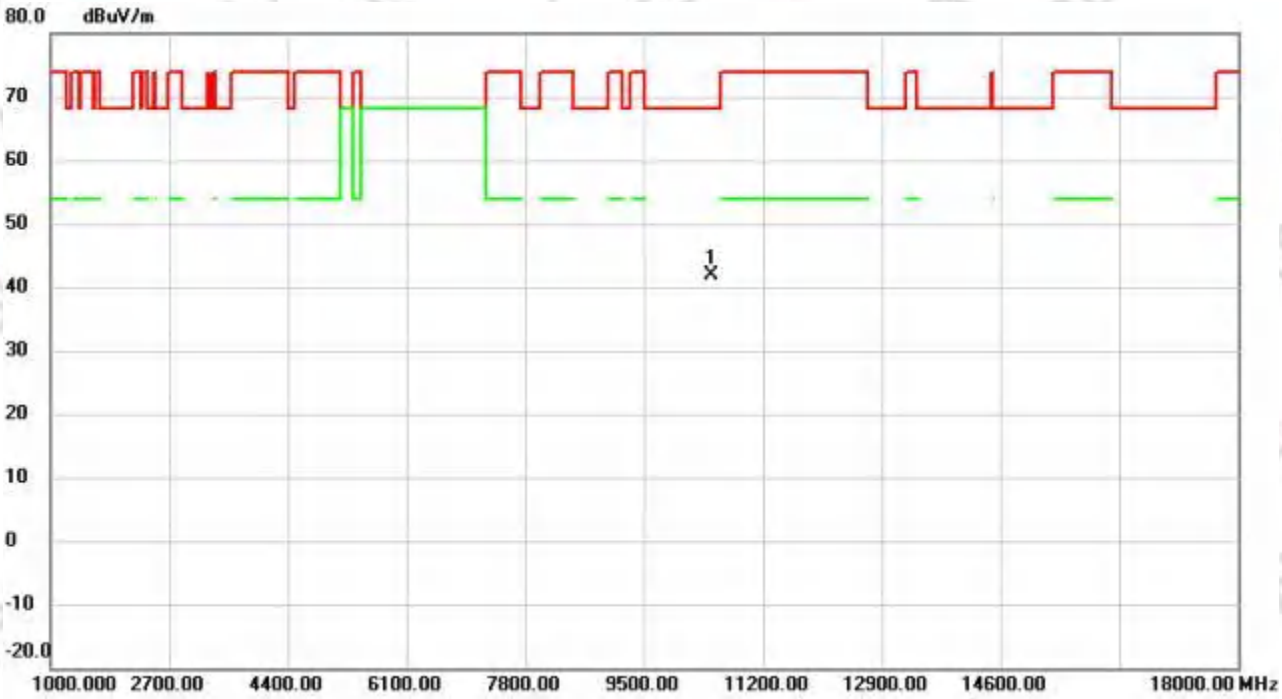
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11n40		

802.11n40_5230MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10460.000	50.99	-9.23	41.76	68.20	-26.44	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

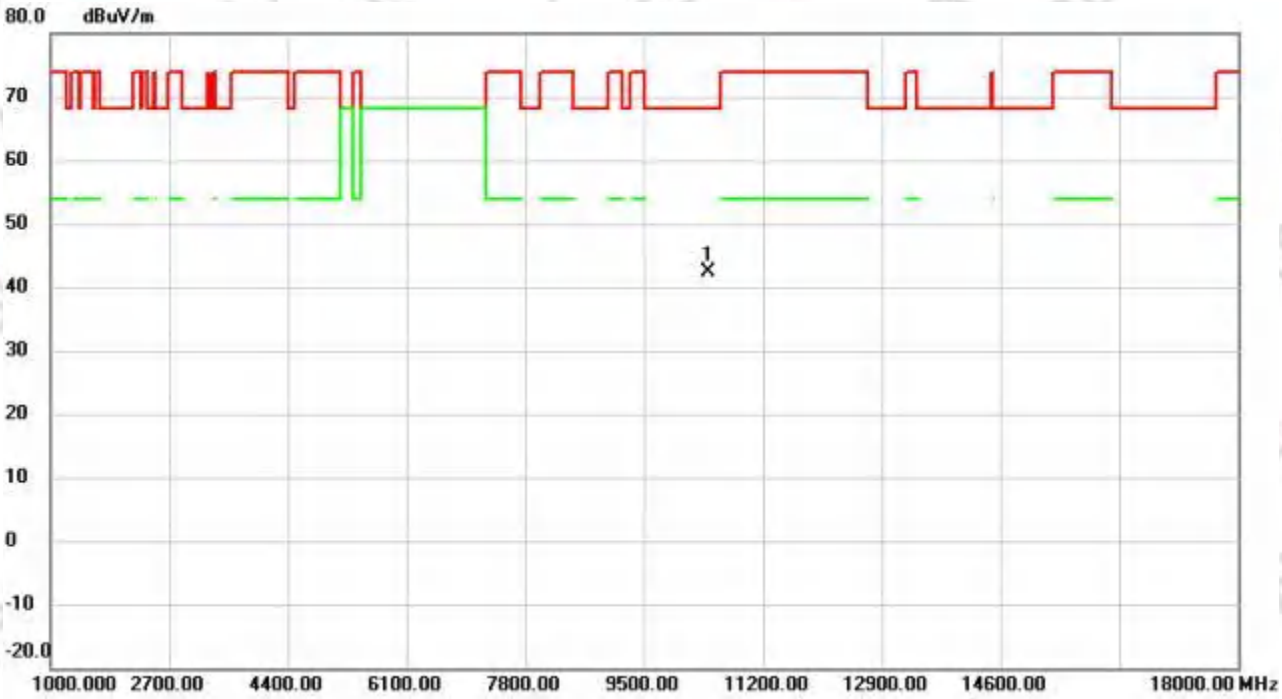
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ac80		

802.11ac80_5210MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10420.000	51.80	-9.30	42.50	68.20	-25.70	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

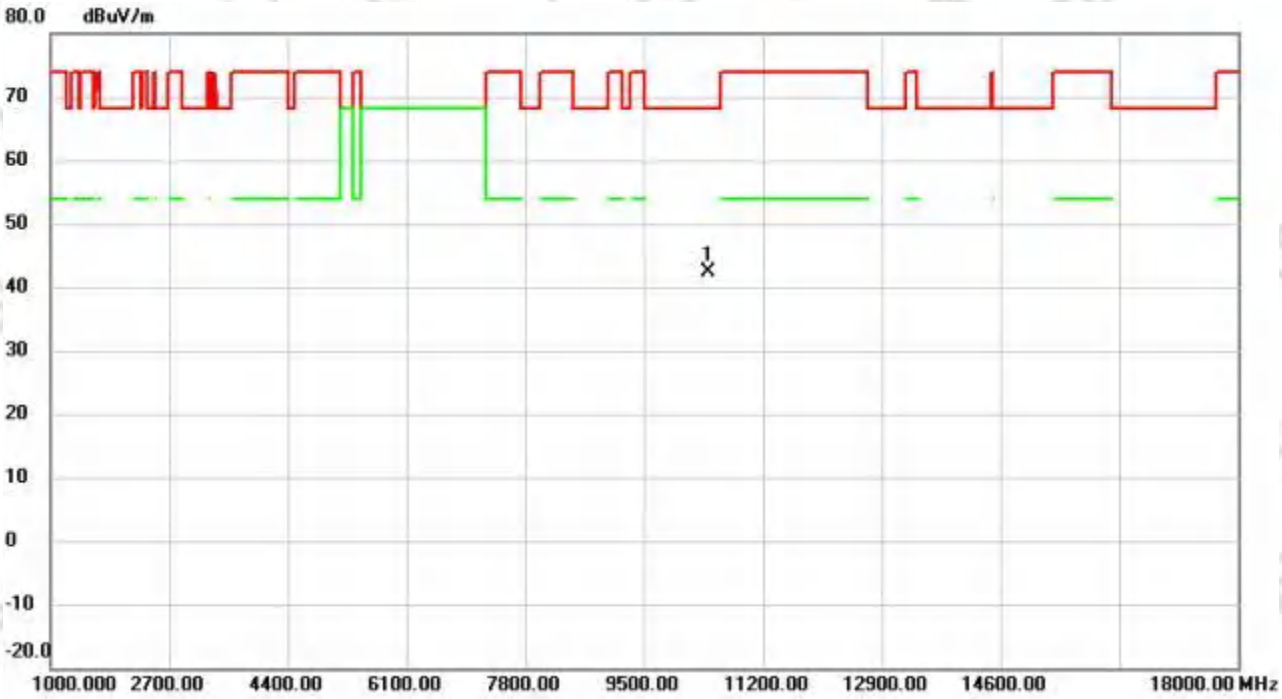
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ac80		

802.11ac80_5210MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10420.000	51.61	-9.30	42.31	68.20	-25.89	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

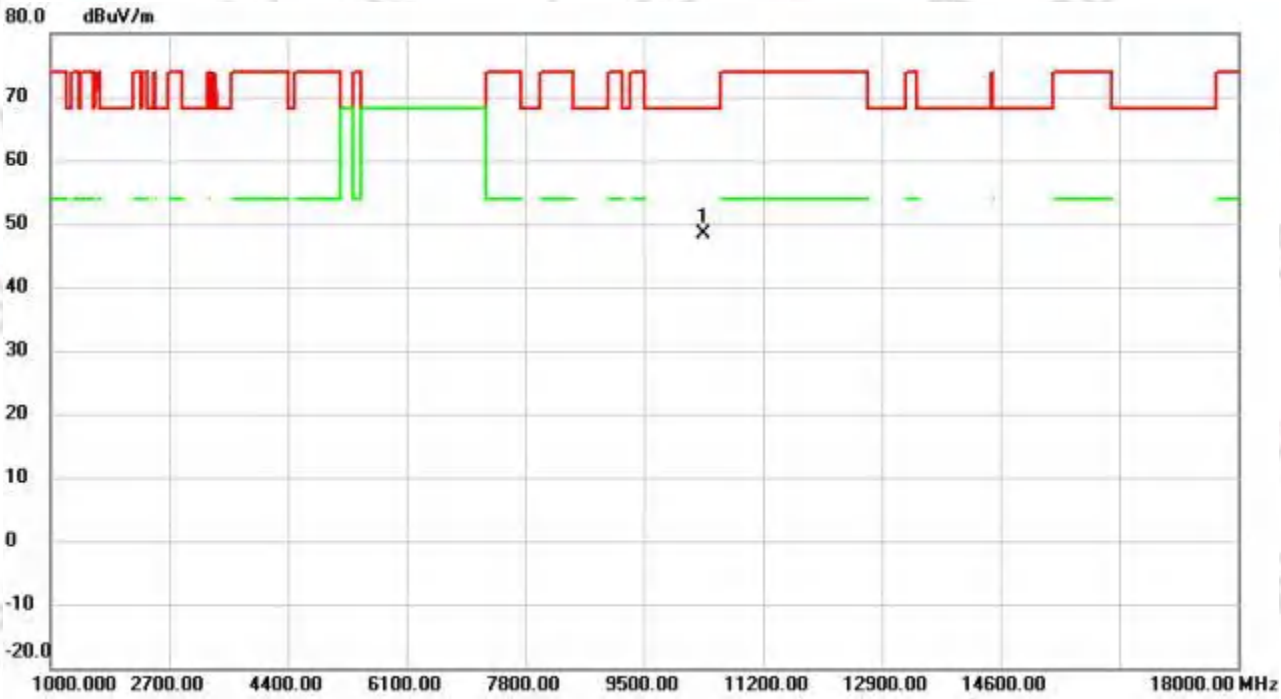
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

802.11ax20_5180MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10360.000	57.69	-9.37	48.32	68.20	-19.88	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

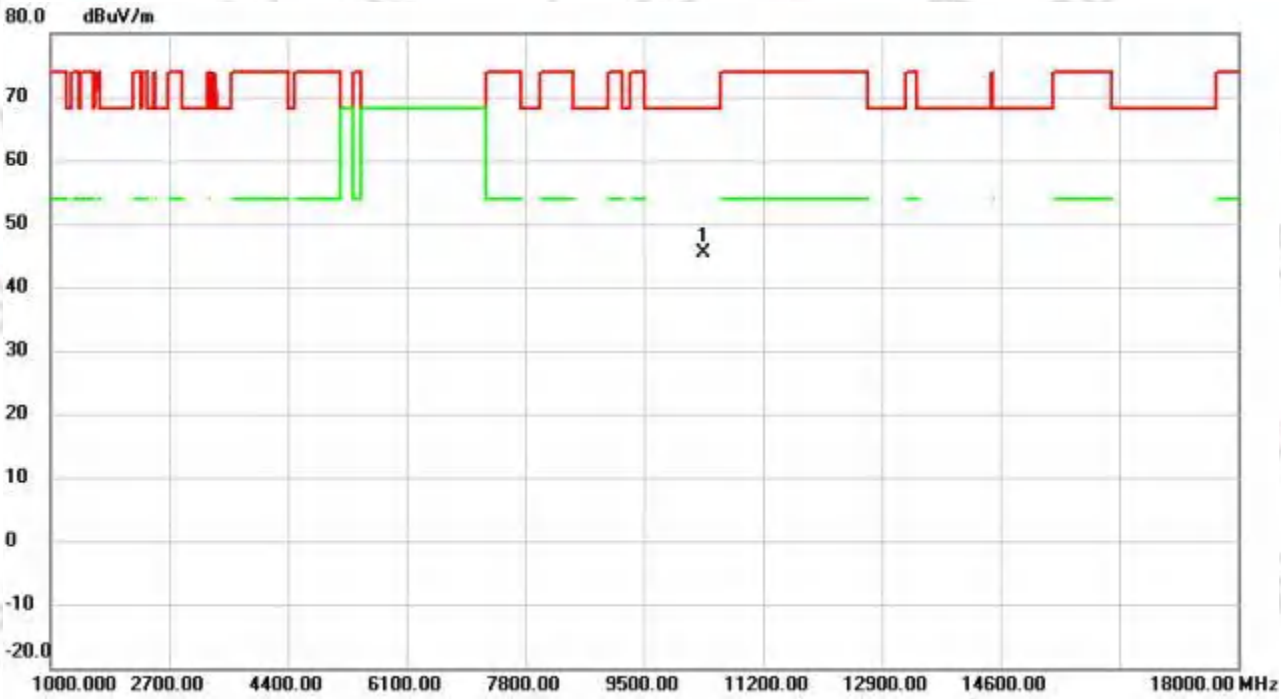
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

802.11ax20_5180MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10360.000	54.74	-9.37	45.37	68.20	-22.83	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

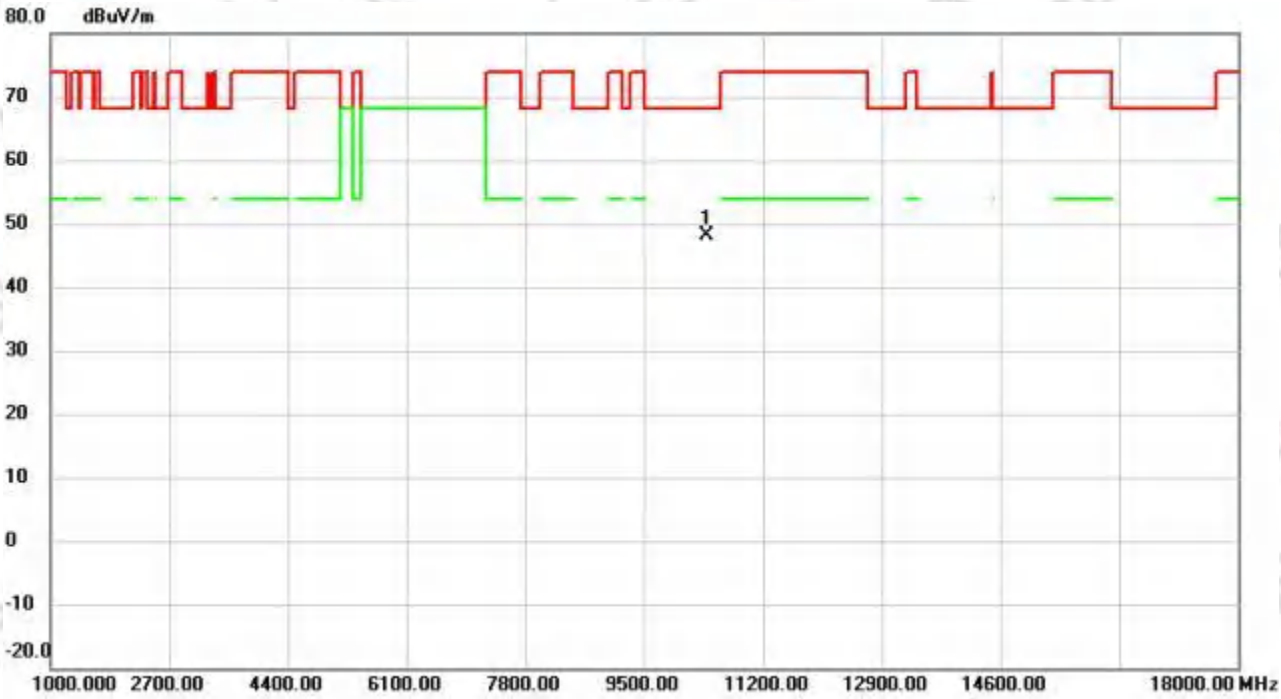
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

802.11ax20_5200MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10400.000	57.51	-9.35	48.16	68.20	-20.04	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

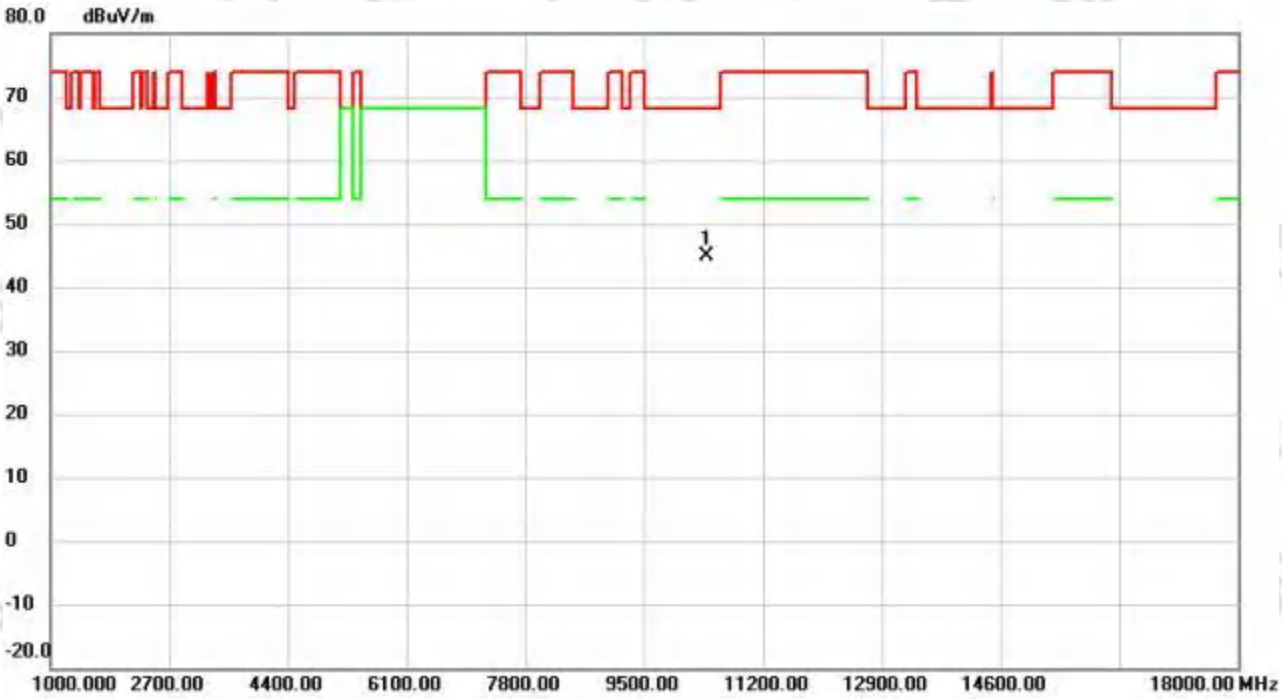
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

802.11ax20_5200MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10400.00	54.17	-9.35	44.82	68.20	-23.38	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

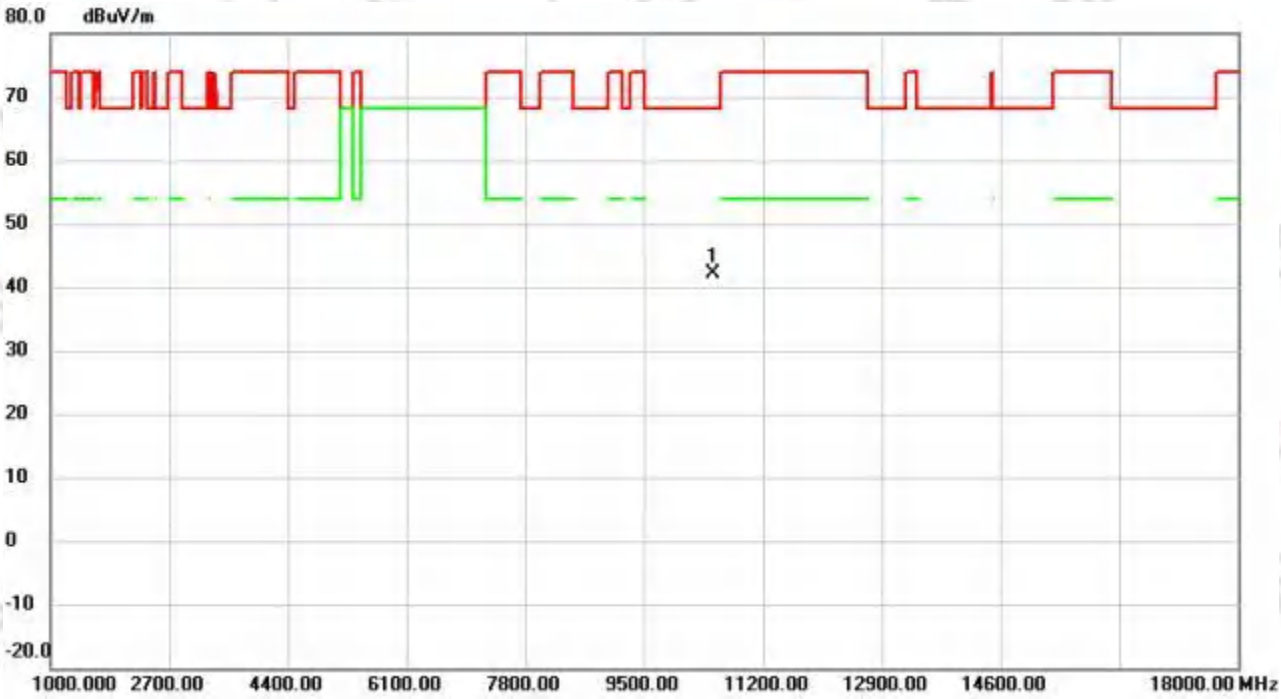
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

802.11ax20_5240MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10480.000	51.41	-9.19	42.22	68.20	-25.98	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

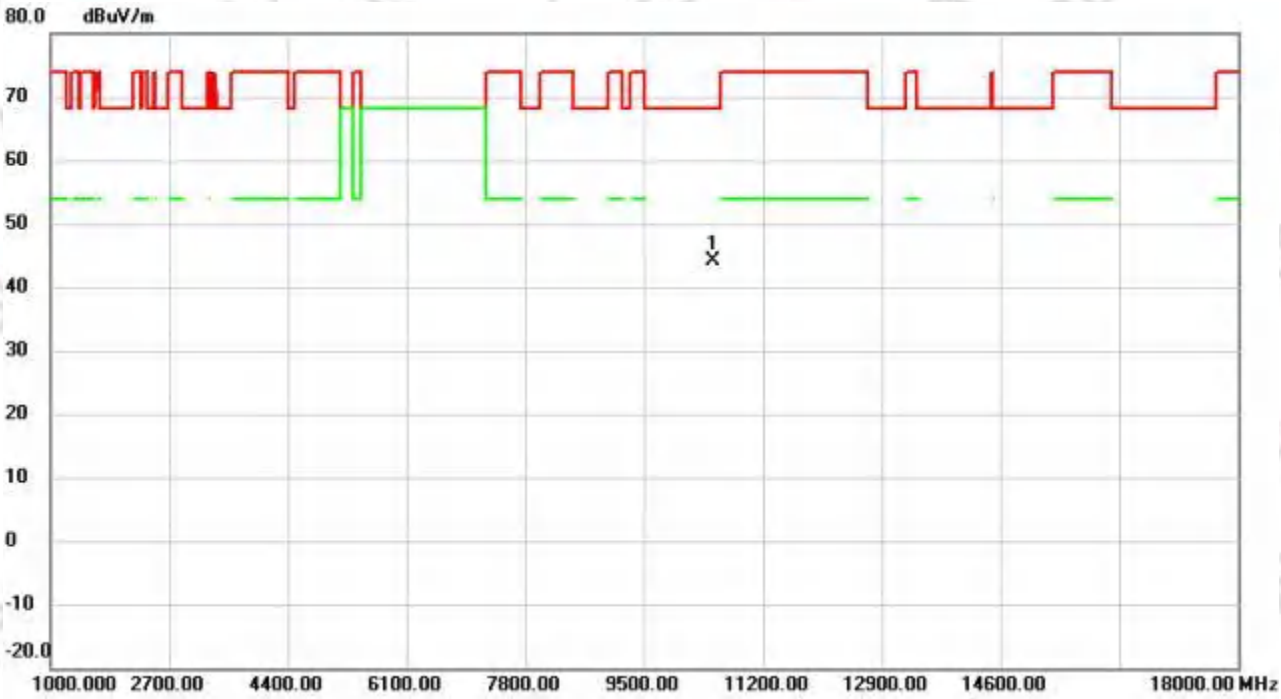
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

802.11ax20_5240MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10480.000	53.40	-9.19	44.21	68.20	-23.99	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

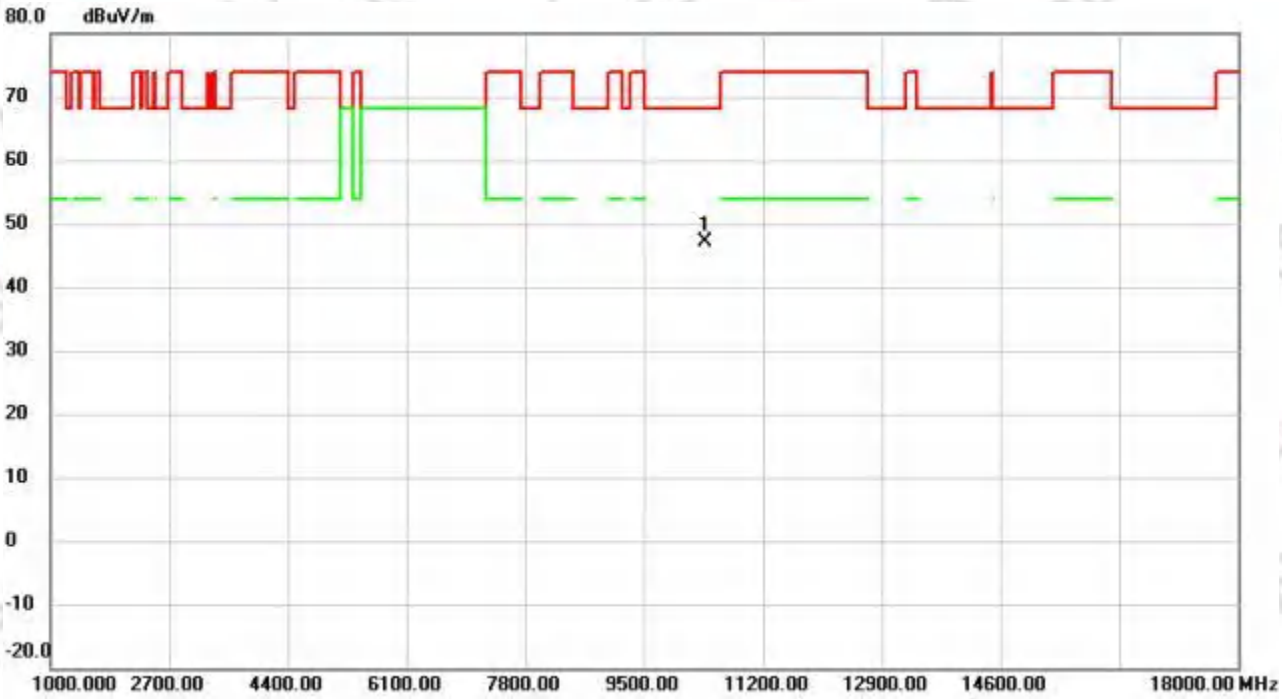
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax40		

802.11ax40_5190MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10365.850	56.44	-9.37	47.07	68.20	-21.13	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

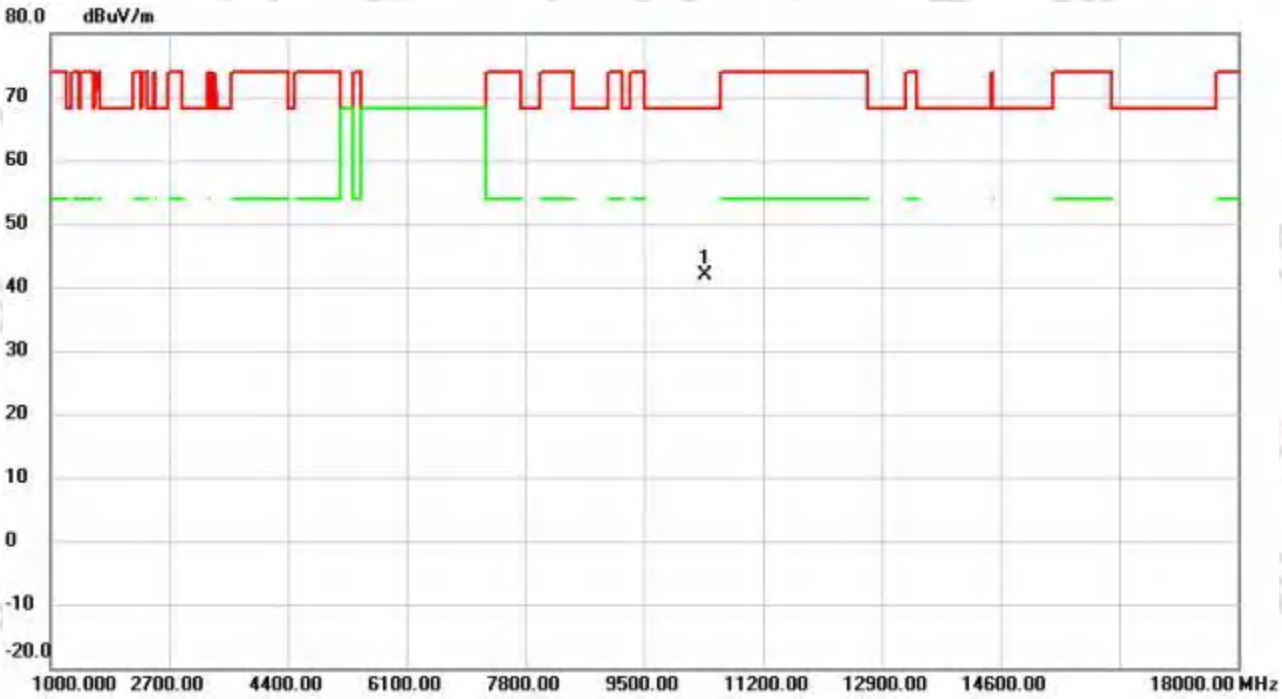
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax40		

802.11ax40_5190MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10380.000	51.33	-9.37	41.96	68.20	-26.24	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

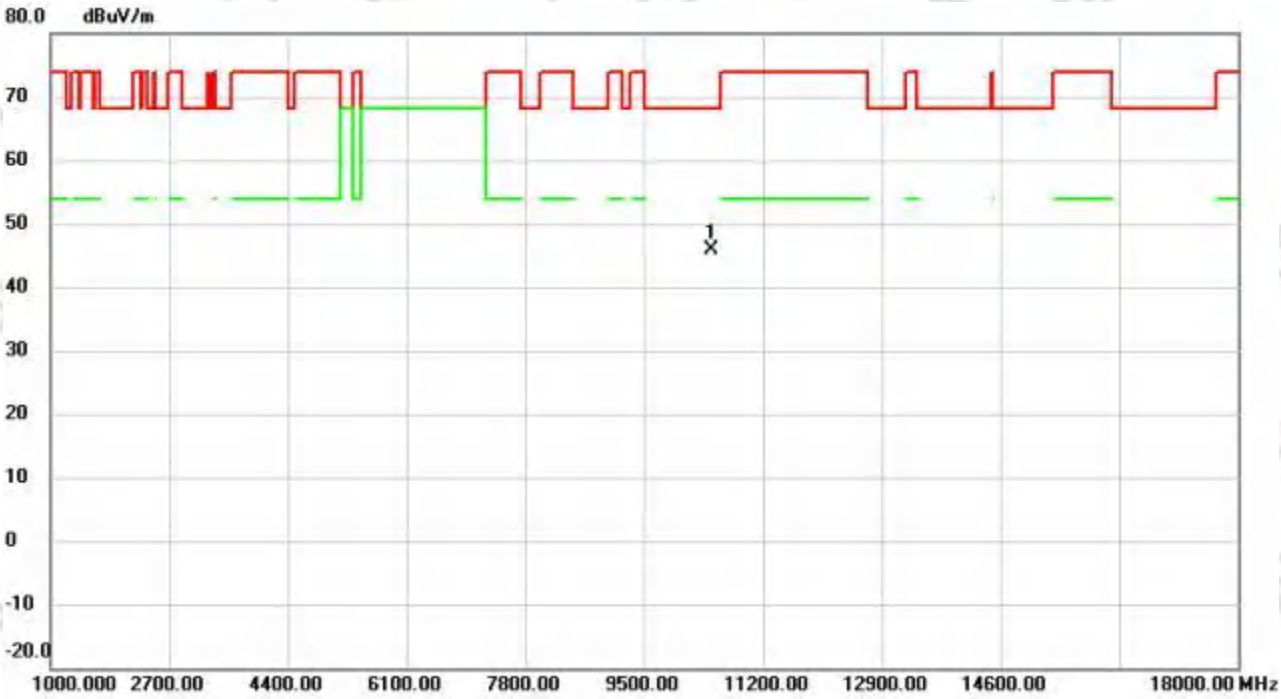
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax40		

802.11ax40_5230MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10463.350	55.13	-9.21	45.92	68.20	-22.28	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

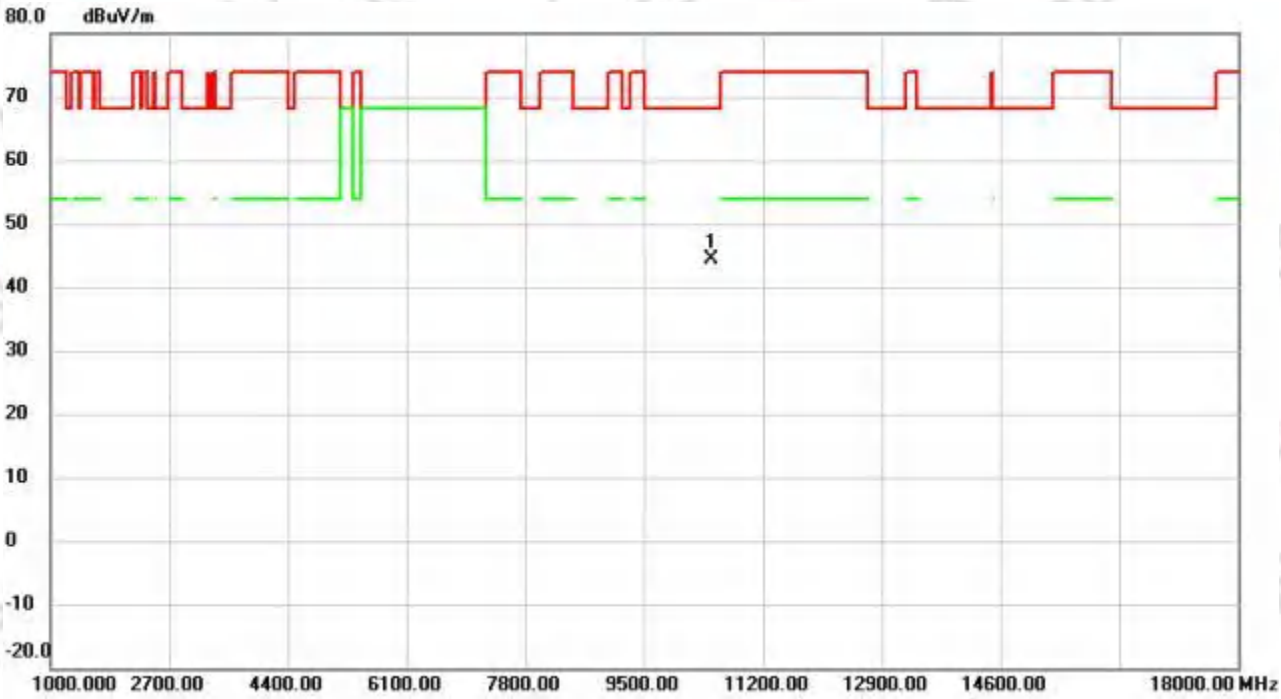
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax40		

802.11ax40_5230MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10459.450	53.72	-9.23	44.49	68.20	-23.71	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

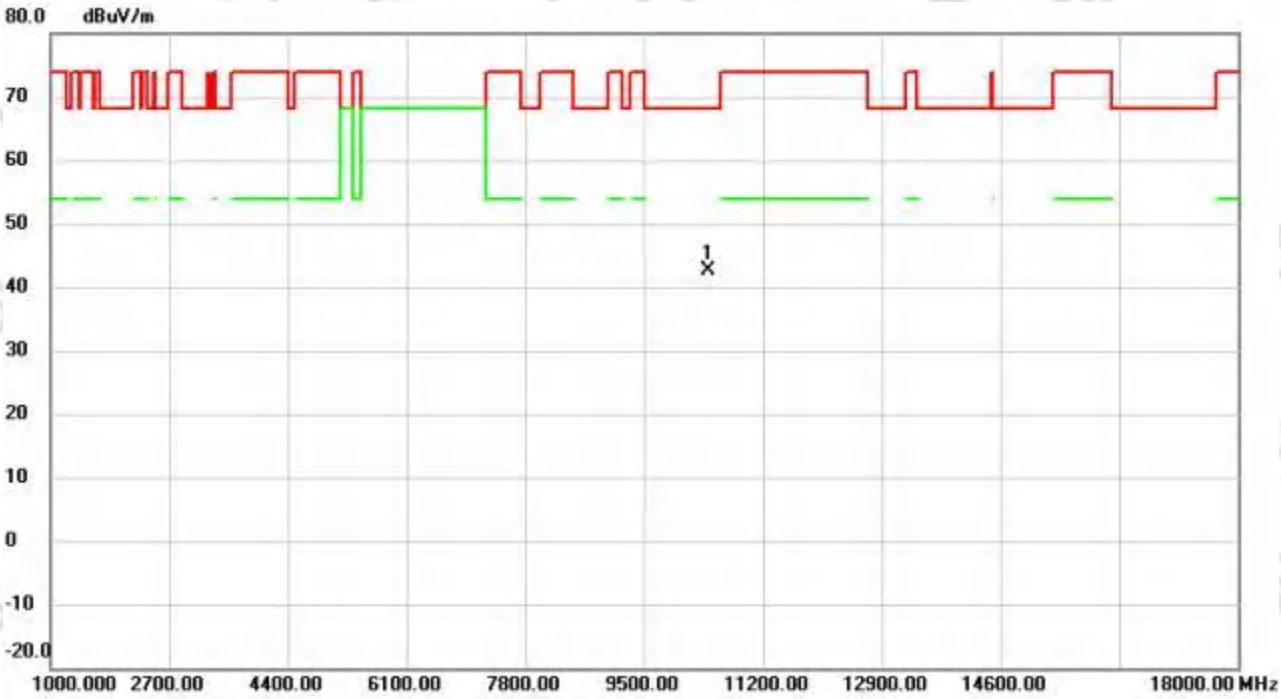
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax80		

802.11ax80_5210MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10420.000	51.83	-9.30	42.53	68.20	-25.67	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

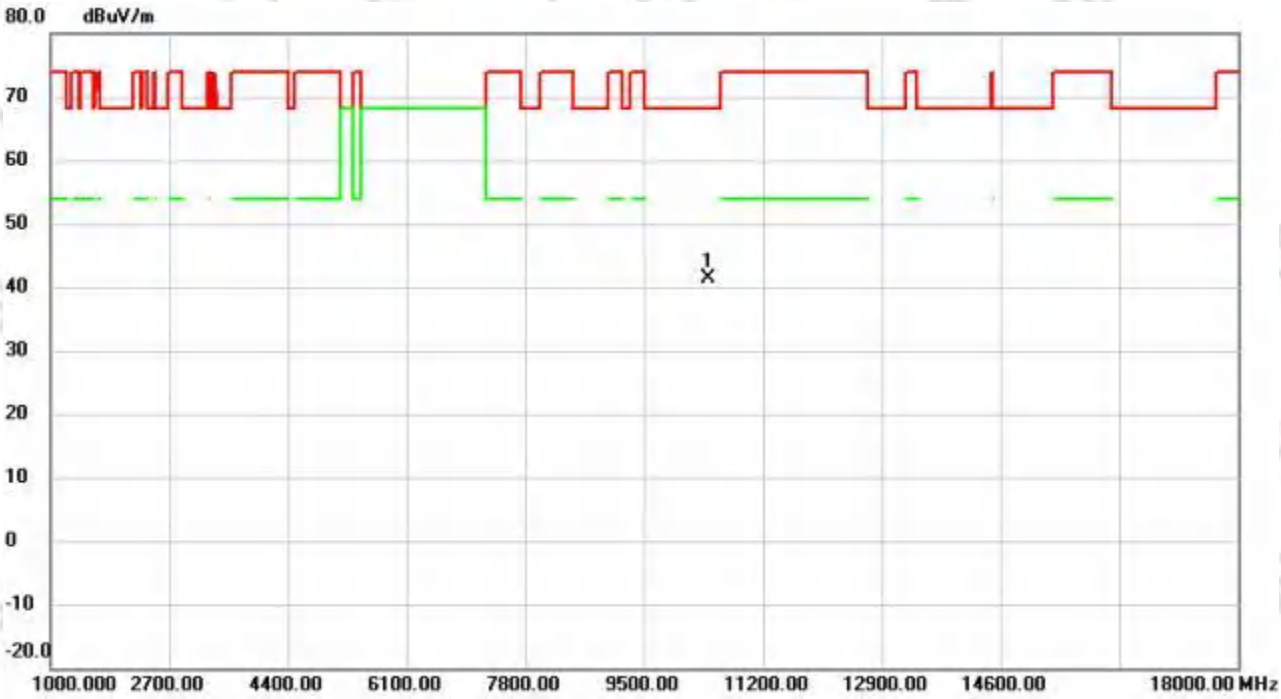
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5150MHz-5250MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax80		

802.11ax80_5210MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	10420.000	50.62	-9.30	41.32	68.20	-26.88	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

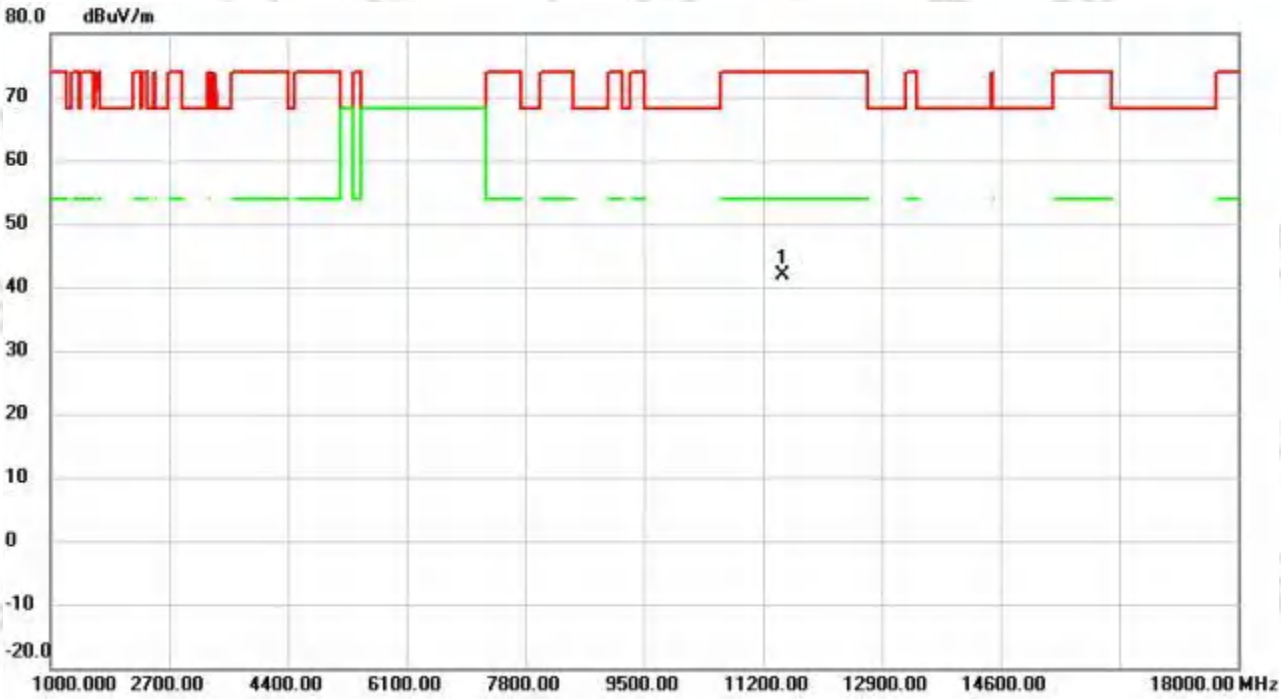
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

802.11a_5745MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11490.000	50.03	-8.03	42.00	74.00	-32.00	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

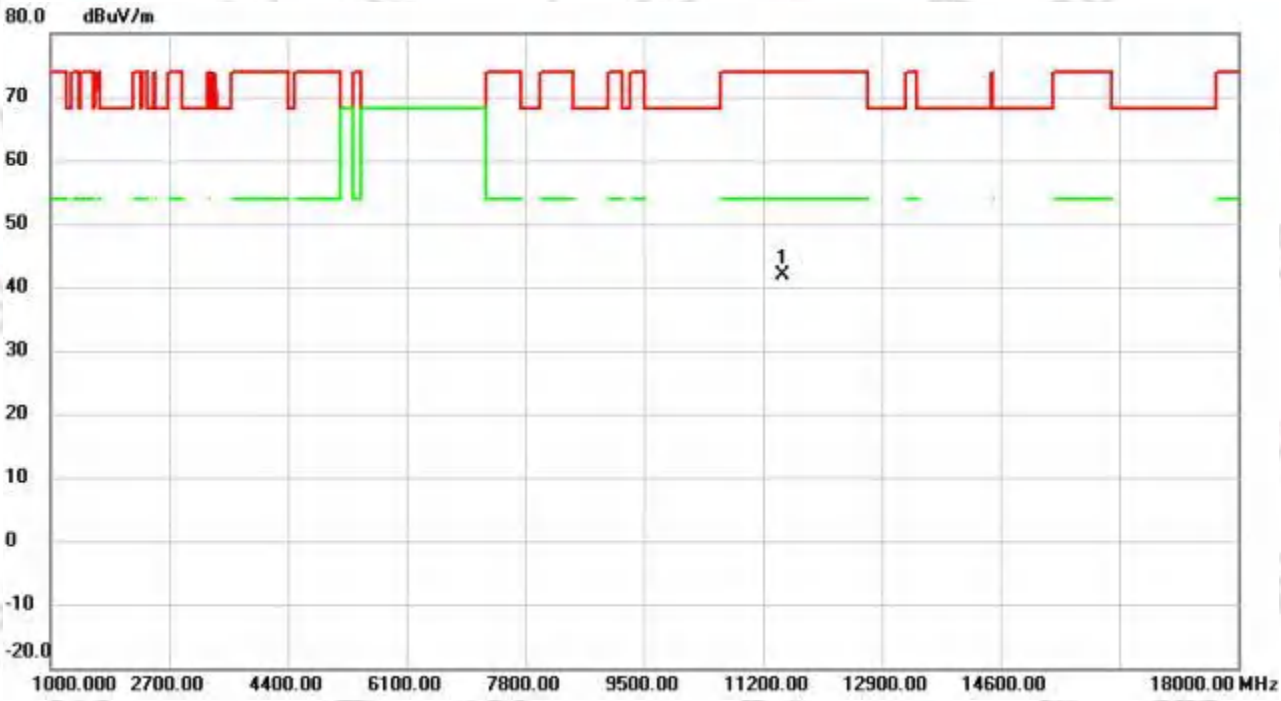
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

802.11a_5745MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11490.000	49.79	-8.03	41.76	74.00	-32.24	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

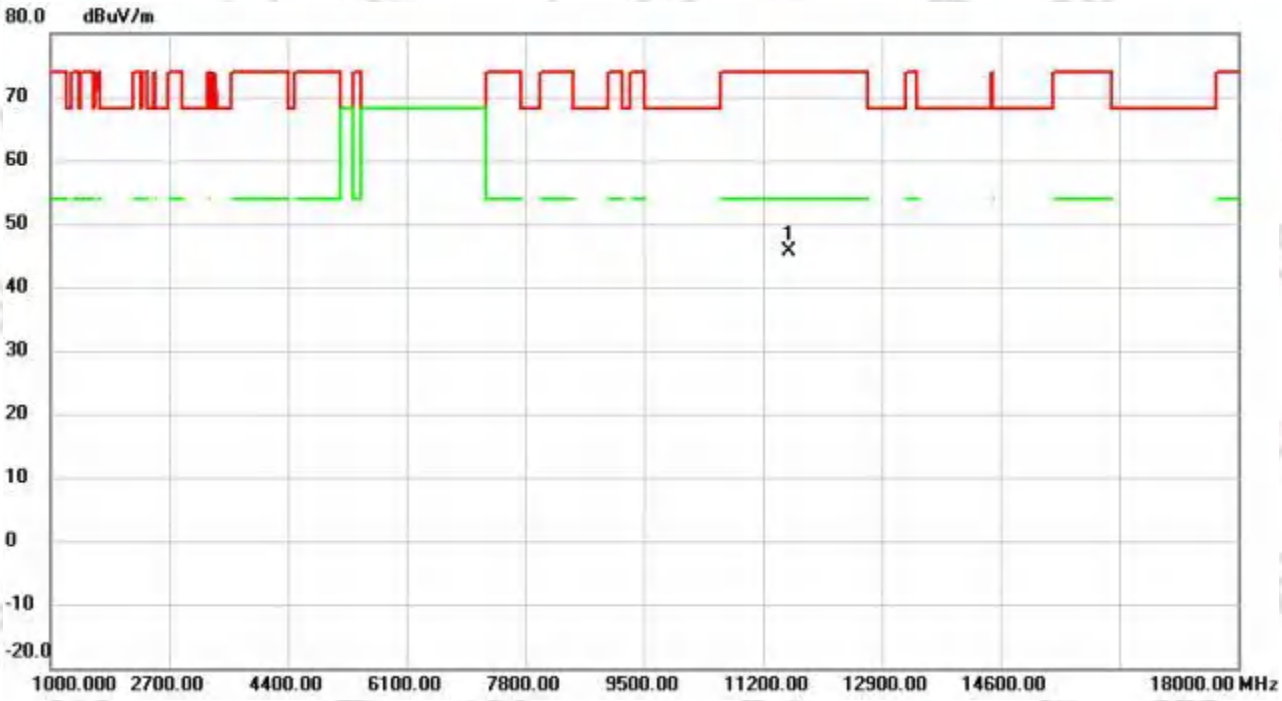
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

802.11a_5785MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11570.000	53.63	-7.98	45.65	74.00	-28.35	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

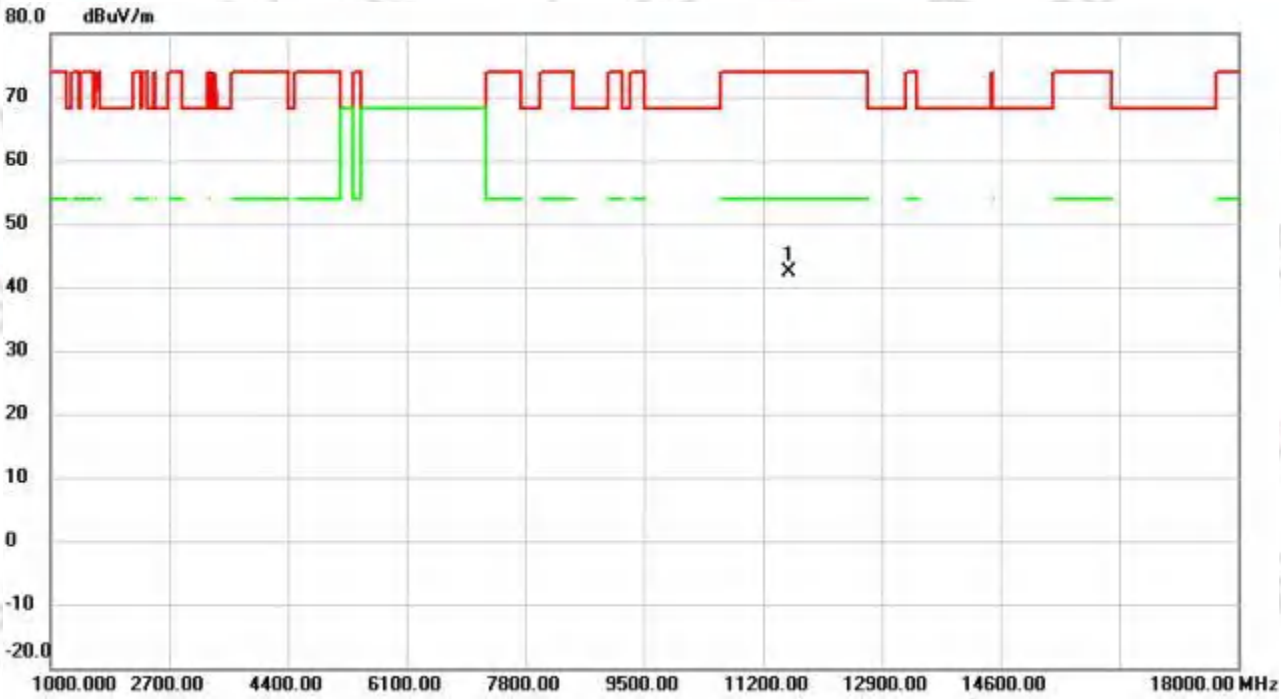
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

802.11a_5785MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11570.000	53.34	-7.98	42.36	74.00	-31.64	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

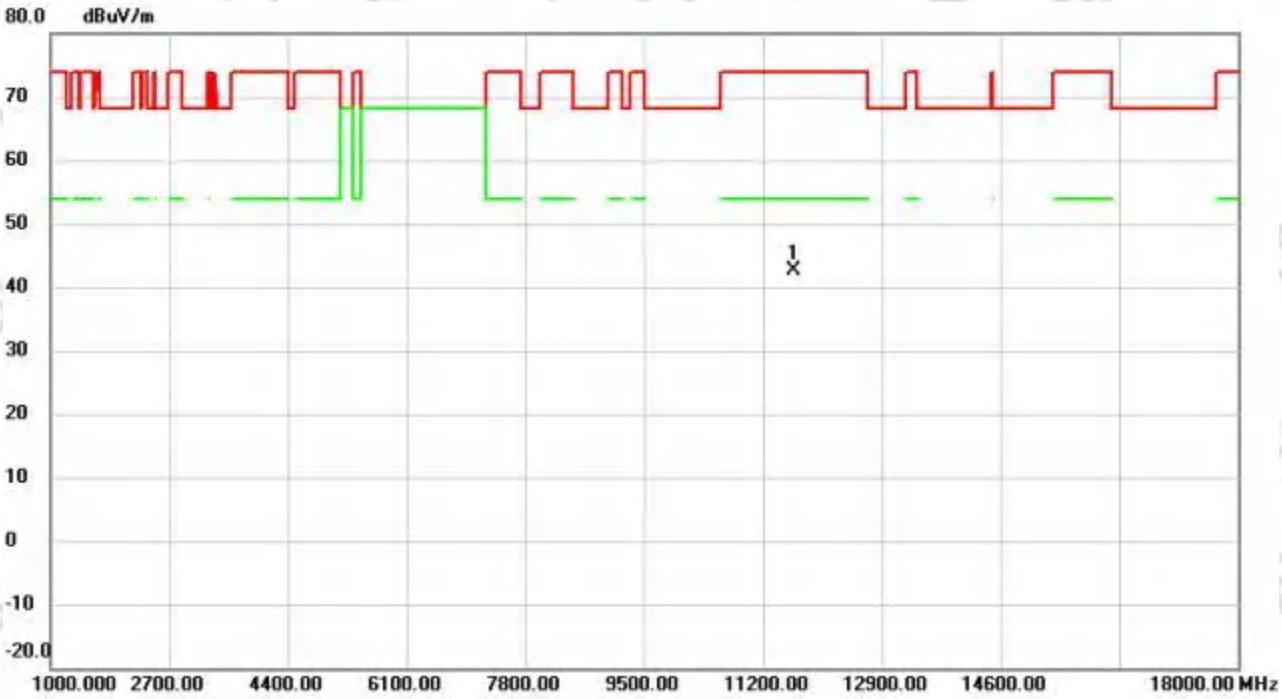
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11a		

802.11a_5825MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11650.000	50.63	-8.07	42.56	74.00	-31.44	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

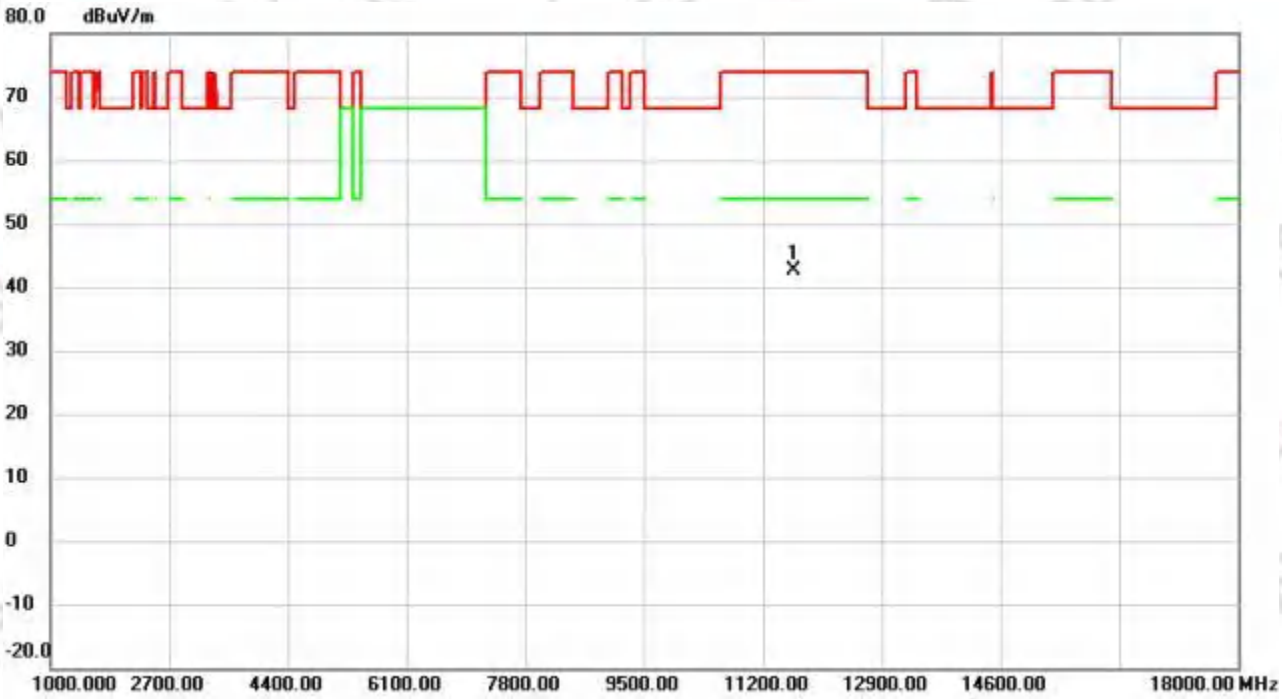
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11a		

802.11a_5825MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11650.000	50.78	-8.07	42.71	74.00	-31.29	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

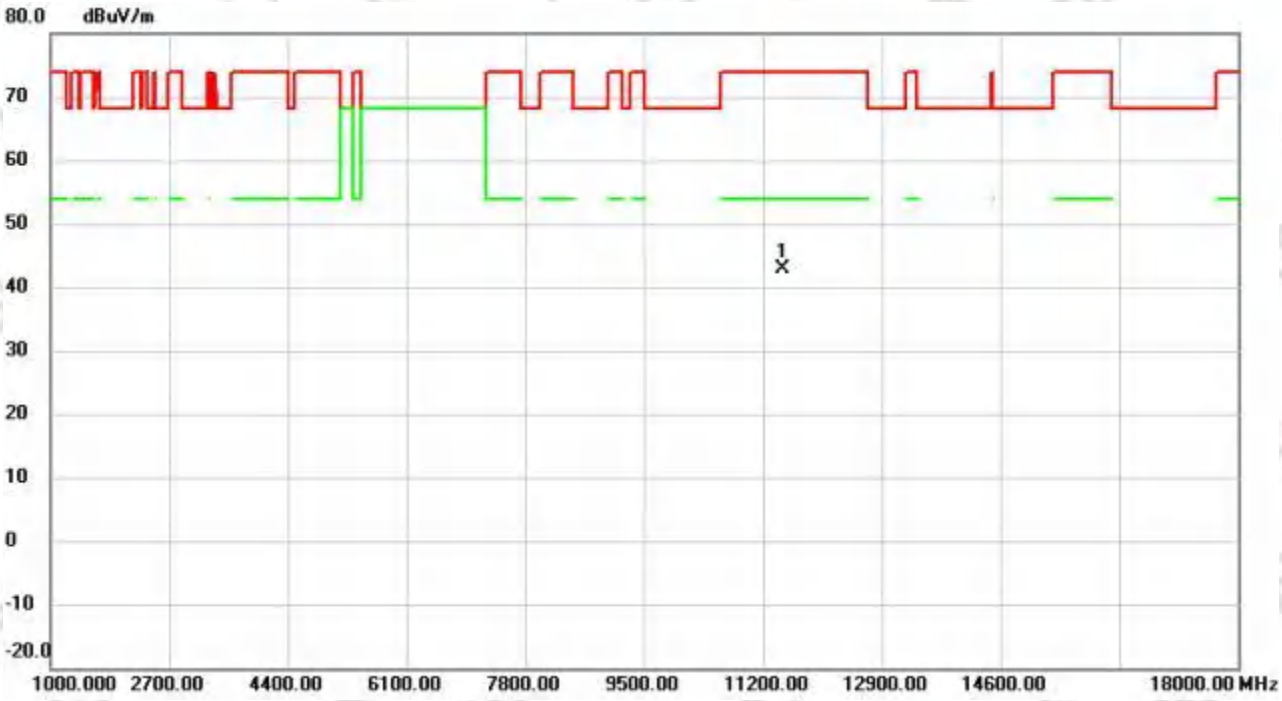
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11n20		

802.11n20_5745MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11490.000	51.02	-8.03	42.99	74.00	-31.01	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

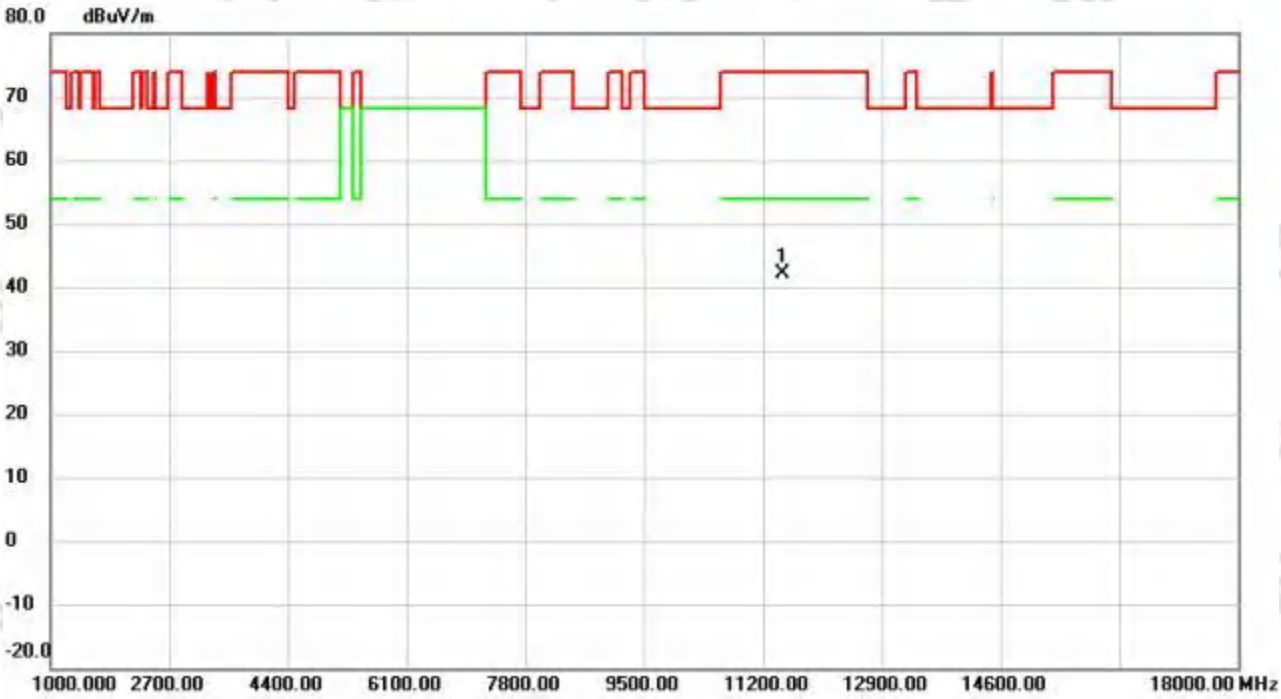
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11n20		

802.11n20_5745MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11490.000	50.22	-8.03	42.19	74.00	-31.81	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

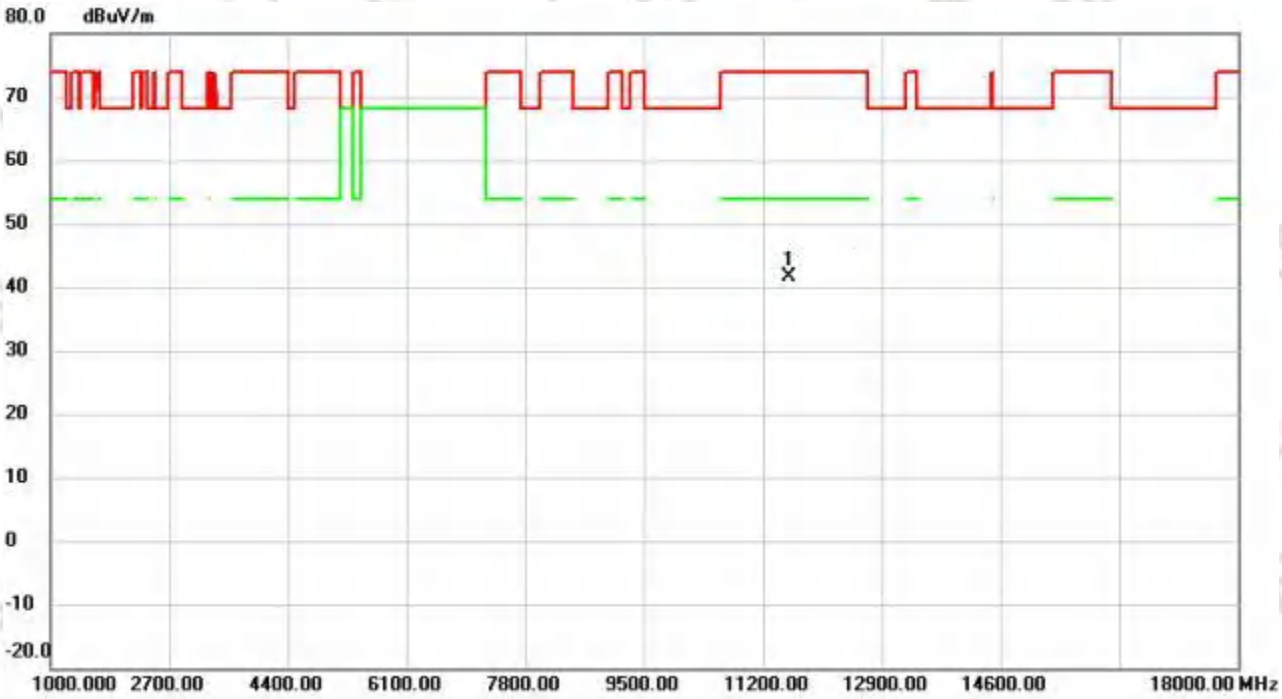
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11n20		

802.11n20_5785MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11570.000	49.52	-7.98	41.54	74.00	-32.46	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

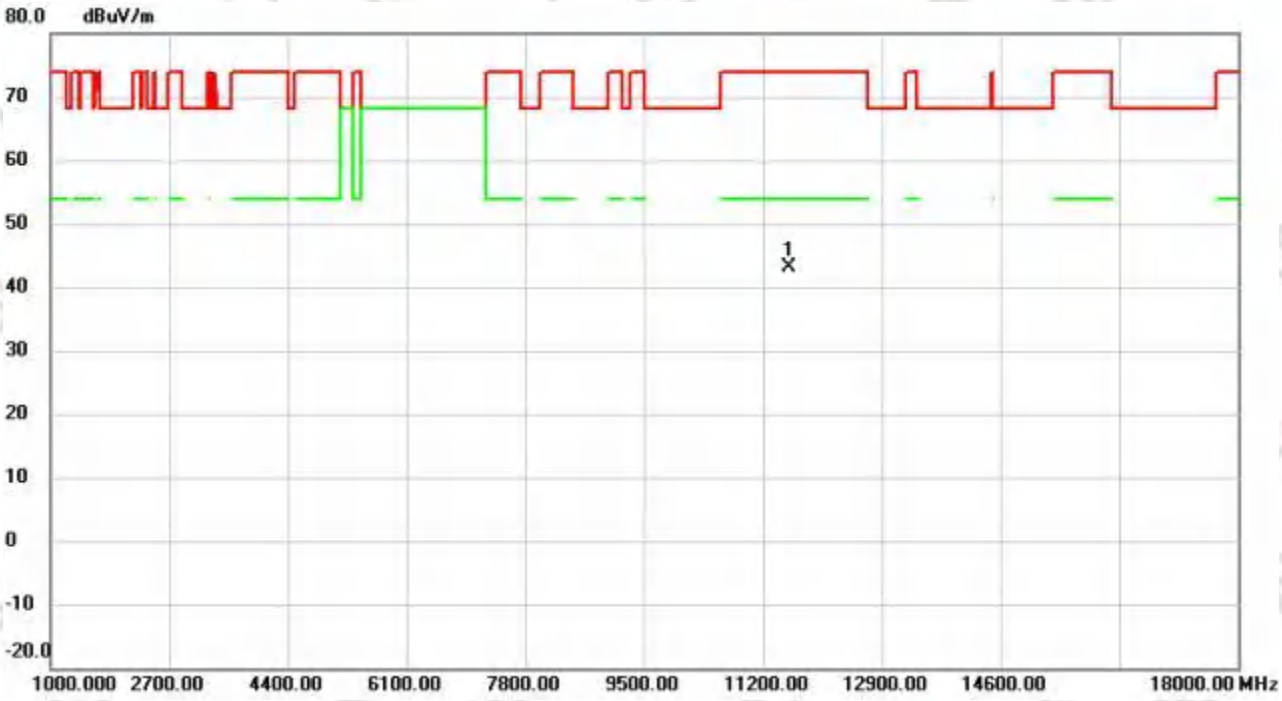
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11n20		

802.11n20_5785MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11570.000	51.17	-7.98	43.19	74.00	-30.81	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

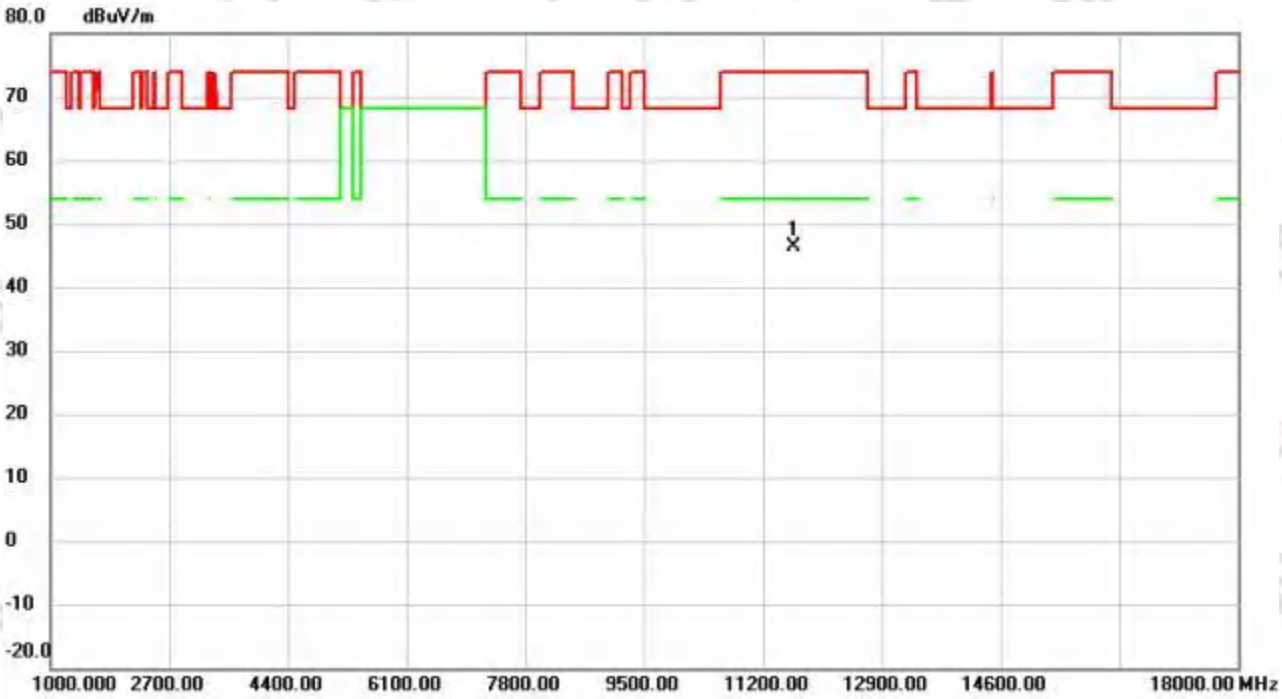
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11n20		

802.11n20_5825MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11648.95	54.40	-8.05	46.35	74.00	-27.65	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

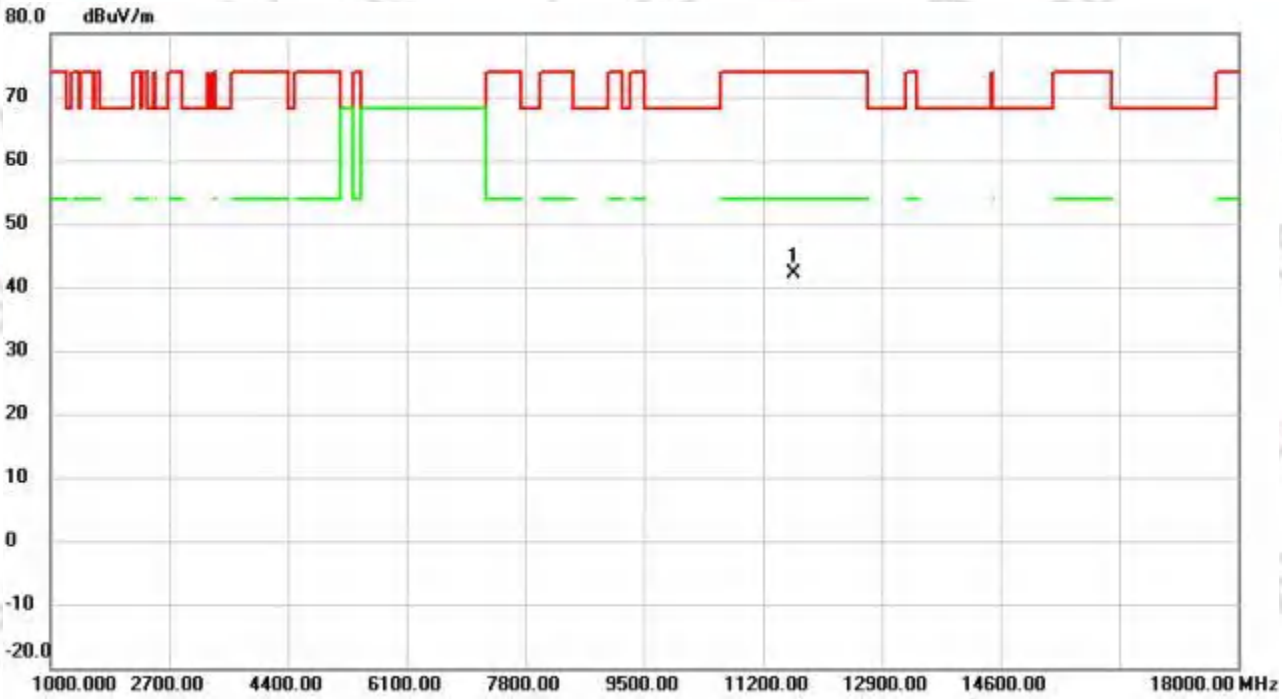
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11n20		

802.11n20_5825MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11650.000	50.17	-8.07	42.10	74.00	-31.90	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

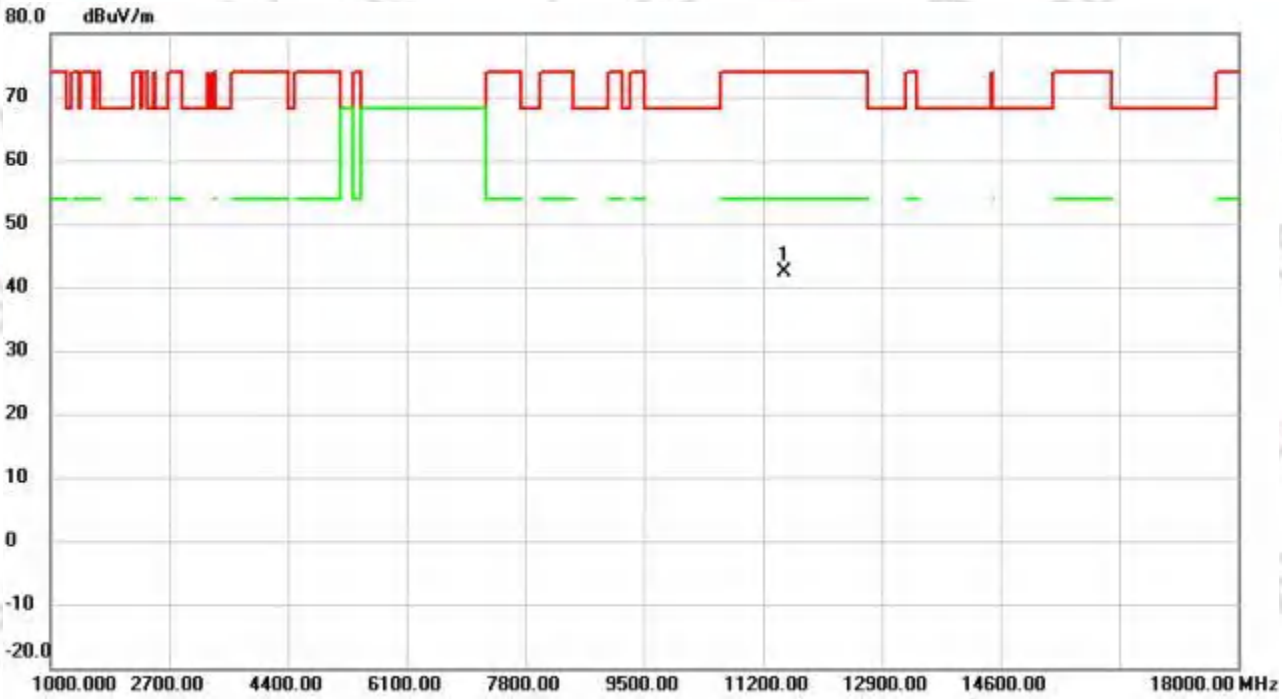
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11n40		

802.11n40_5755MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11510.000	50.35	-7.99	42.36	74.00	-31.64	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

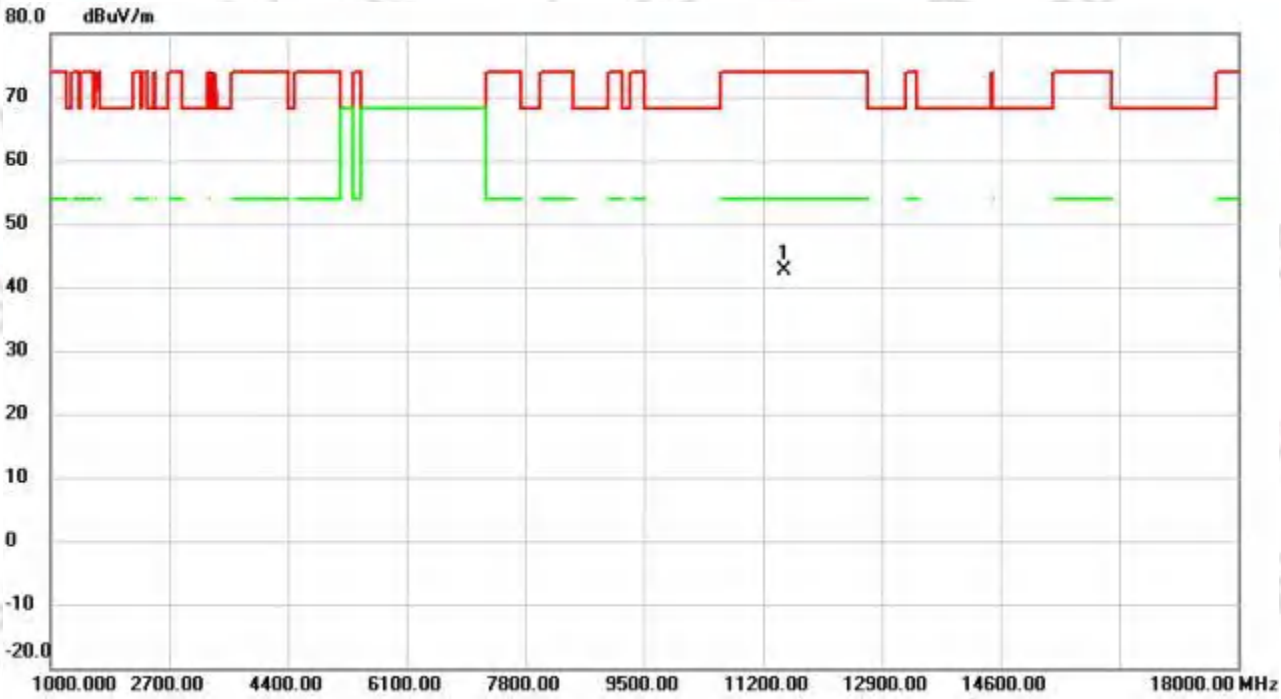
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11n40		

802.11n40_5755MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11510.000	50.62	-7.99	42.63	74.00	-31.37	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

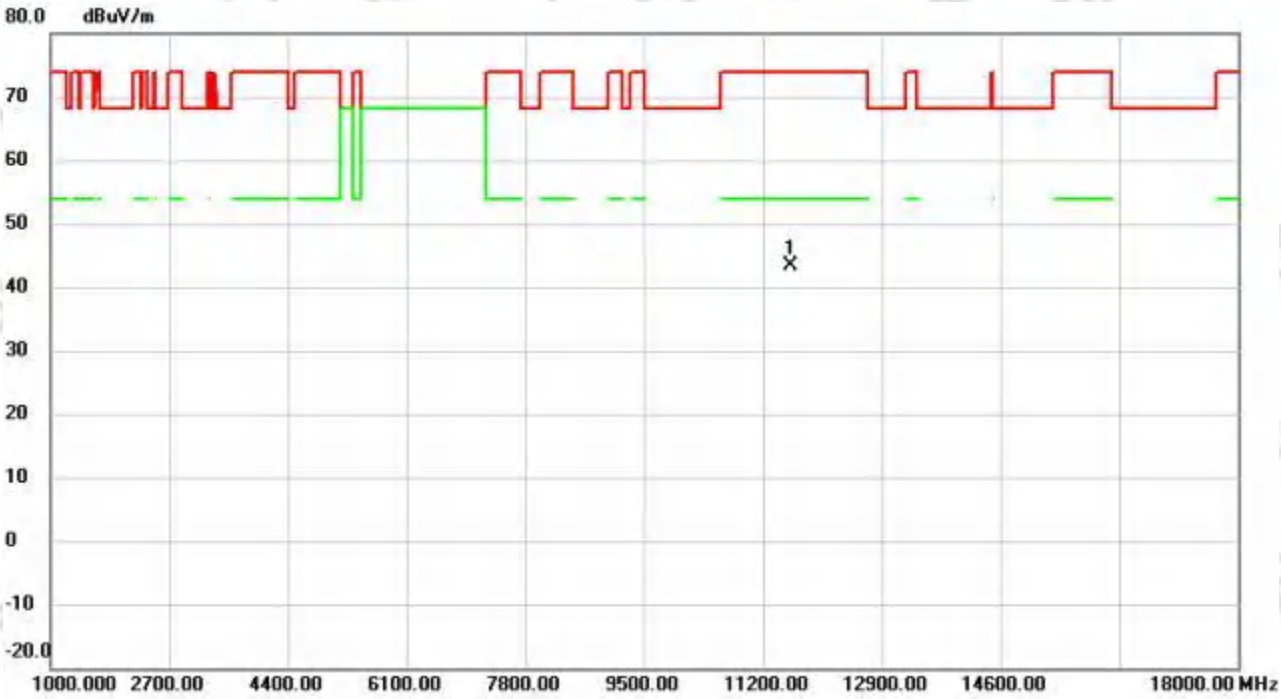
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11n40		

802.11n40_5795MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11590.000	51.36	-7.99	43.37	74.00	-30.63	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

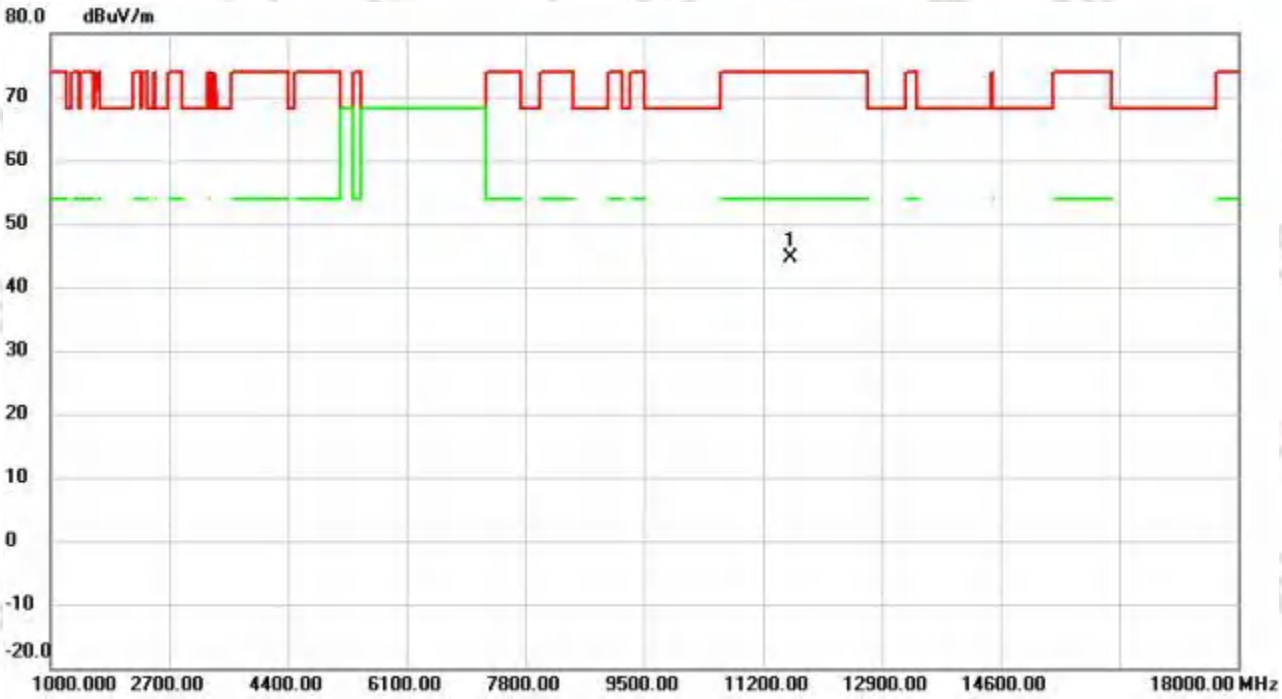
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11n40		

802.11n40_5795MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11590.000	52.62	-7.99	44.63	74.00	-29.37	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

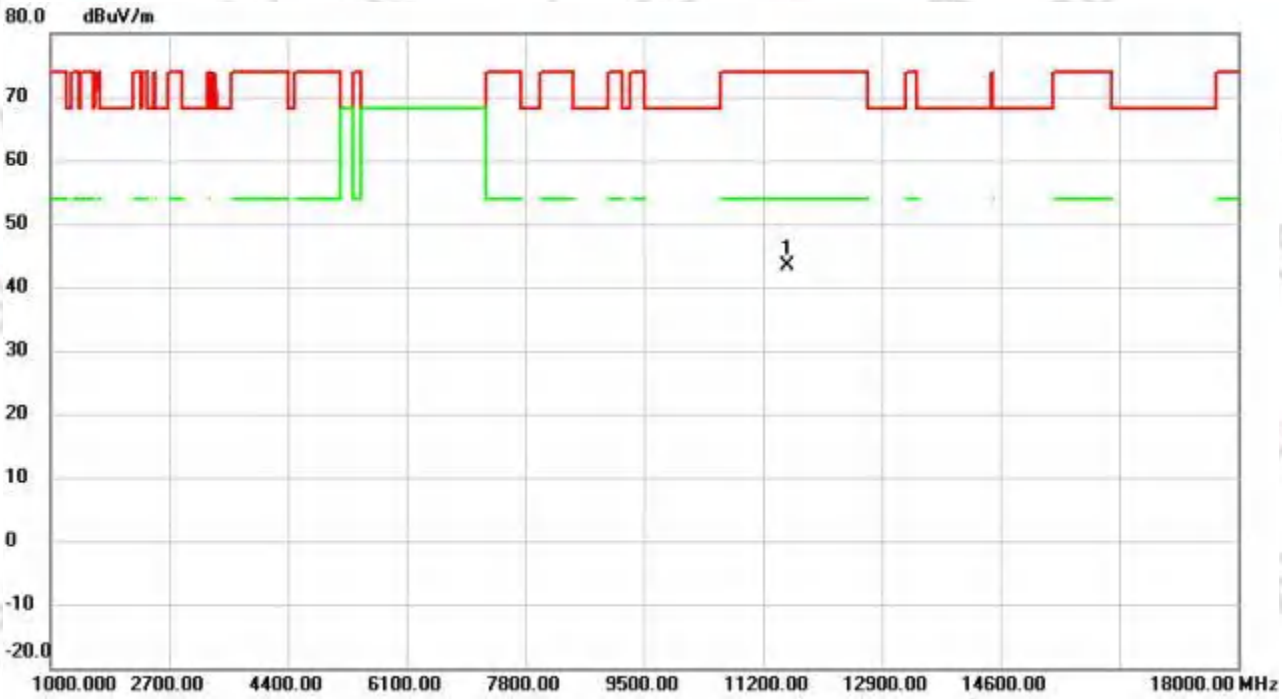
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ac80		

802.11ac80_5775MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11550.000	51.34	-7.99	43.35	74.00	-30.65	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

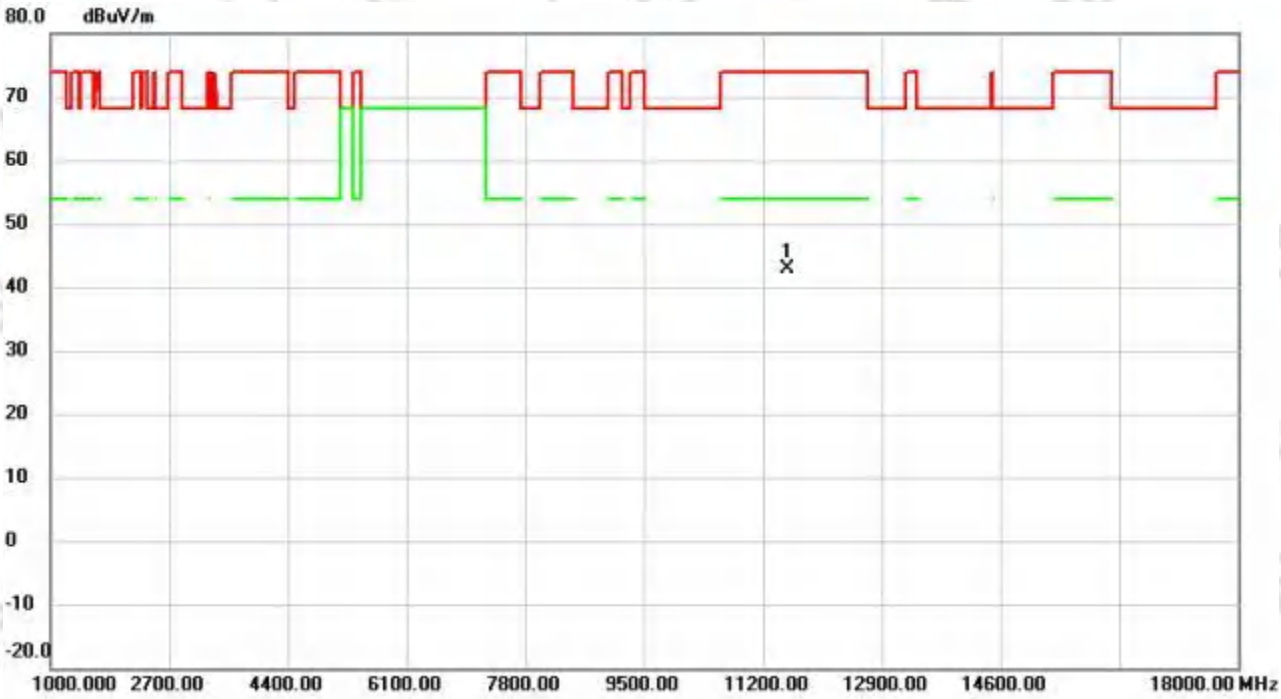
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ac80		

802.11ac80_5775MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11550.000	50.93	-7.99	42.94	74.00	-31.06	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

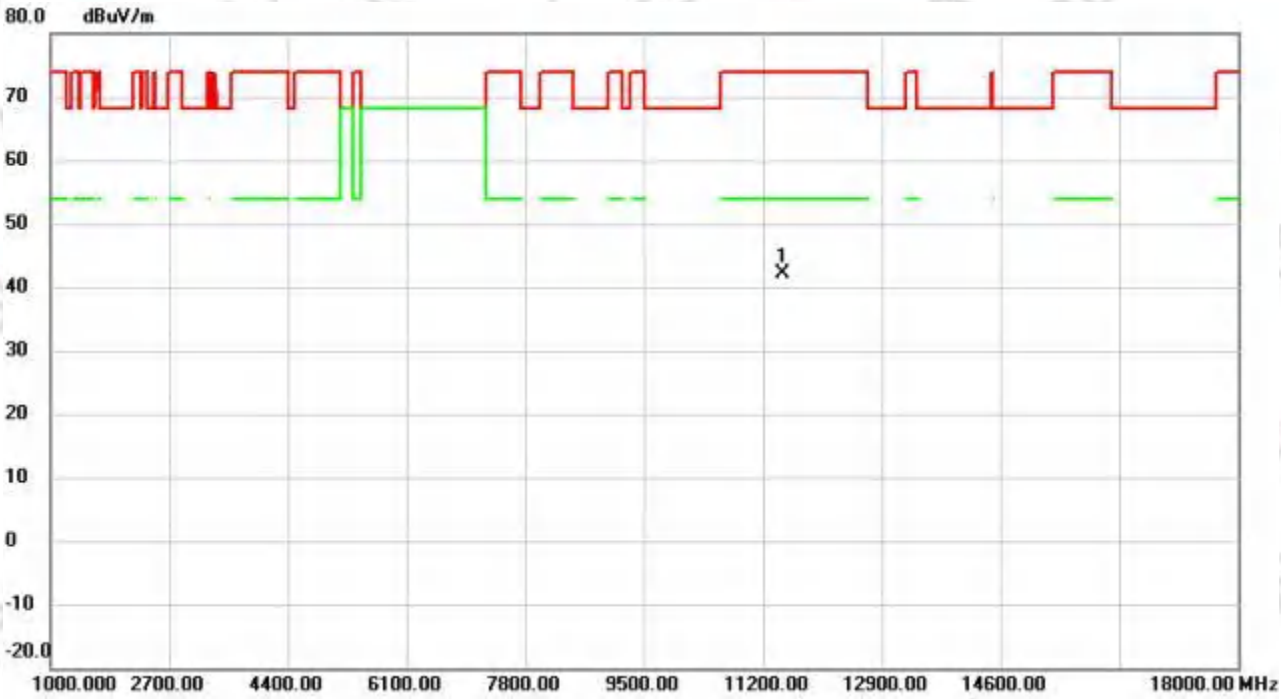
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

802.11ax20_5745MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11490.000	50.10	-8.03	42.07	74.00	-31.93	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

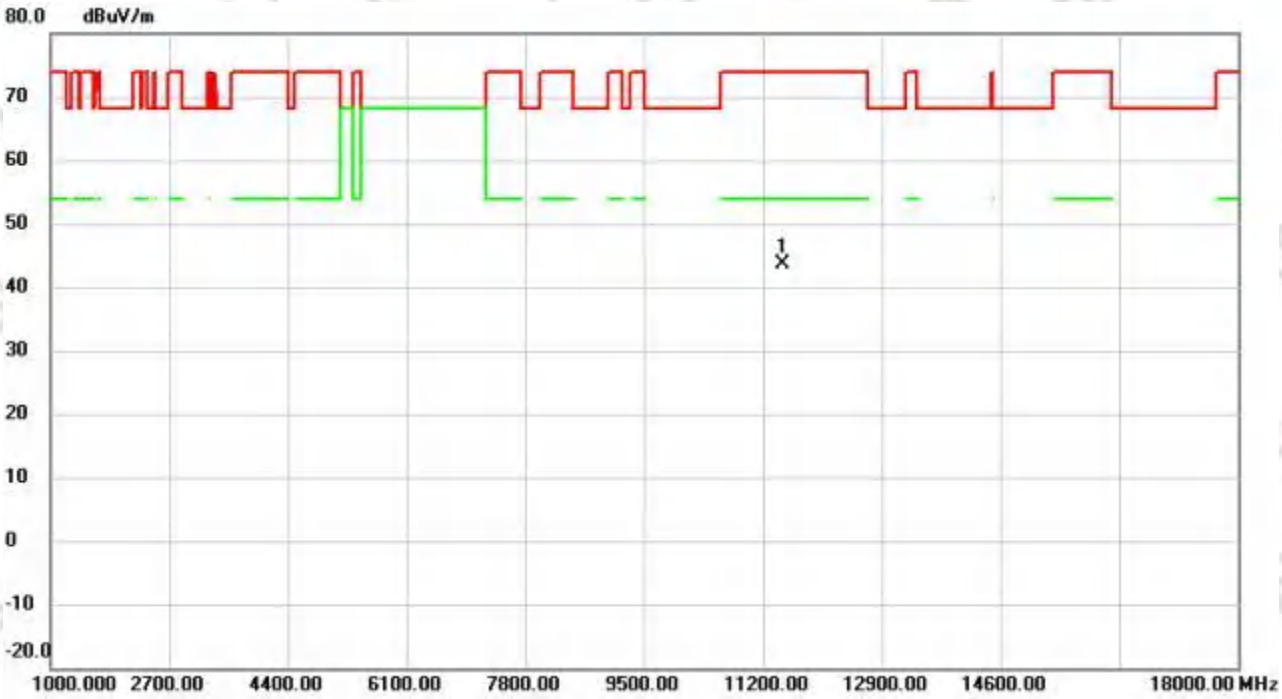
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

802.11ax20_5745MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11490.000	51.68	-8.03	43.65	74.00	-30.35	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

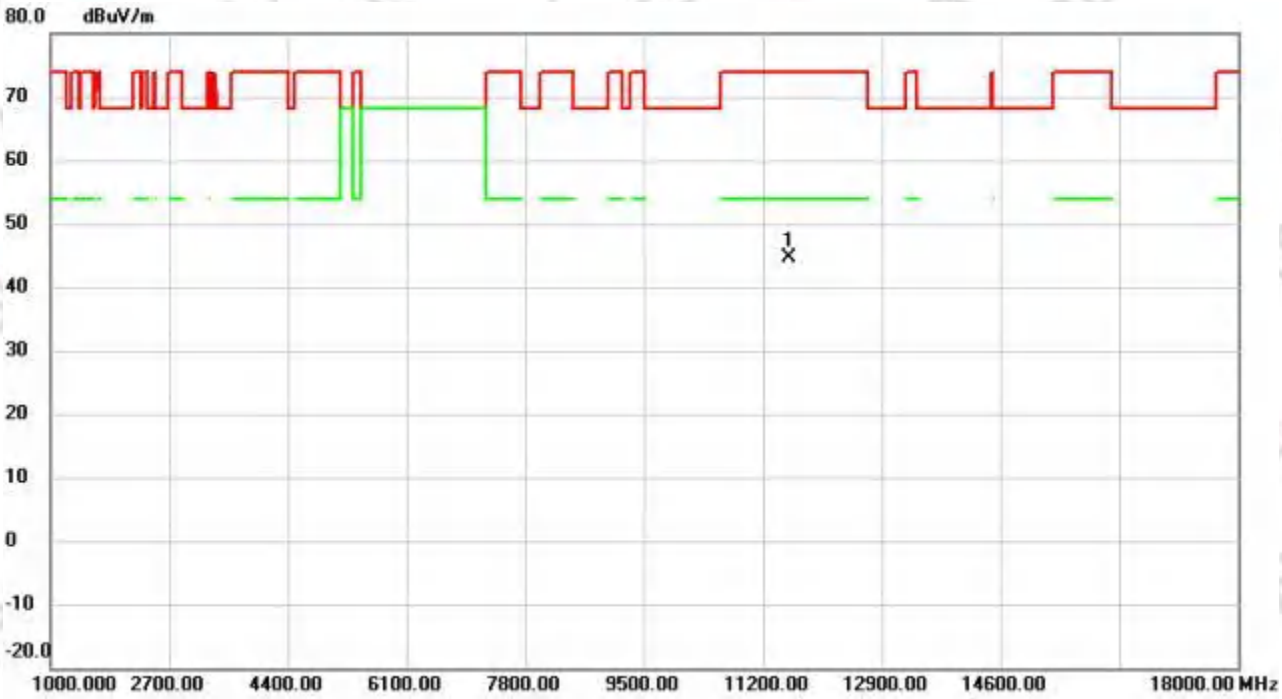
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

802.11ax20_5785MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11569.000	52.55	-7.99	44.56	74.00	-29.44	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

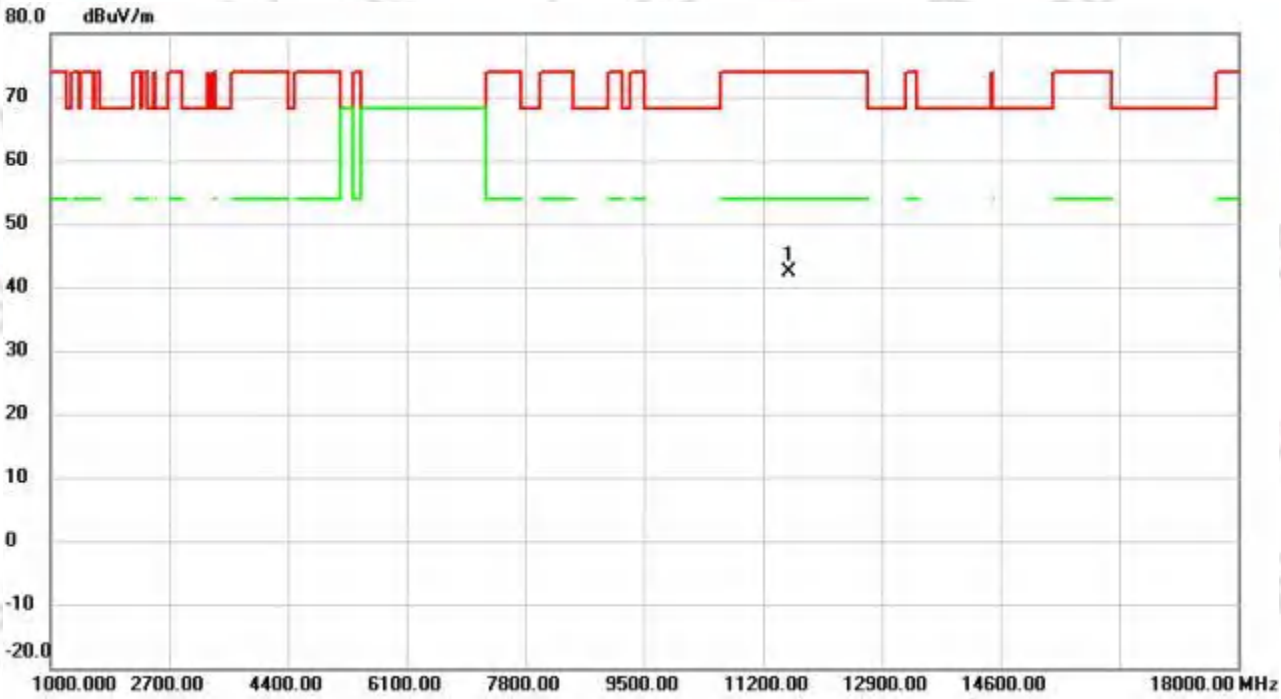
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

802.11ax20_5785MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11570.000	50.31	-7.98	42.33	74.00	-31.67	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

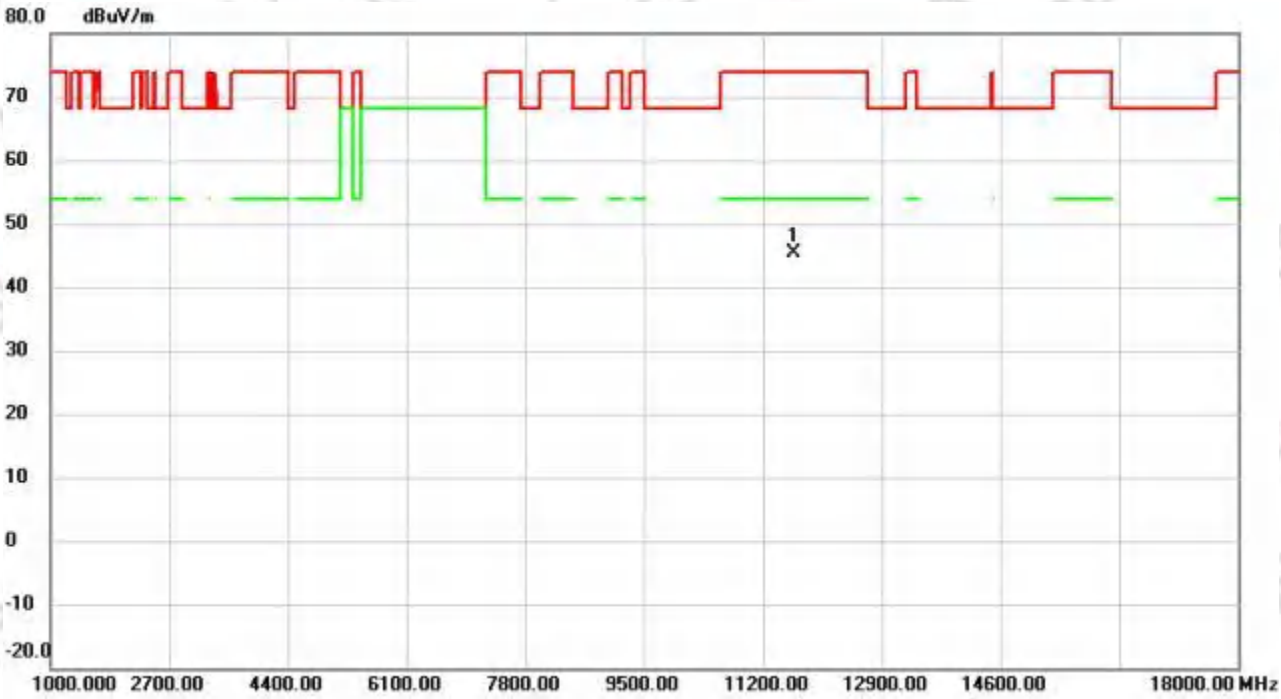
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax20		

802.11ax20_5825MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11650.000	53.48	-8.07	45.41	74.00	-28.59	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

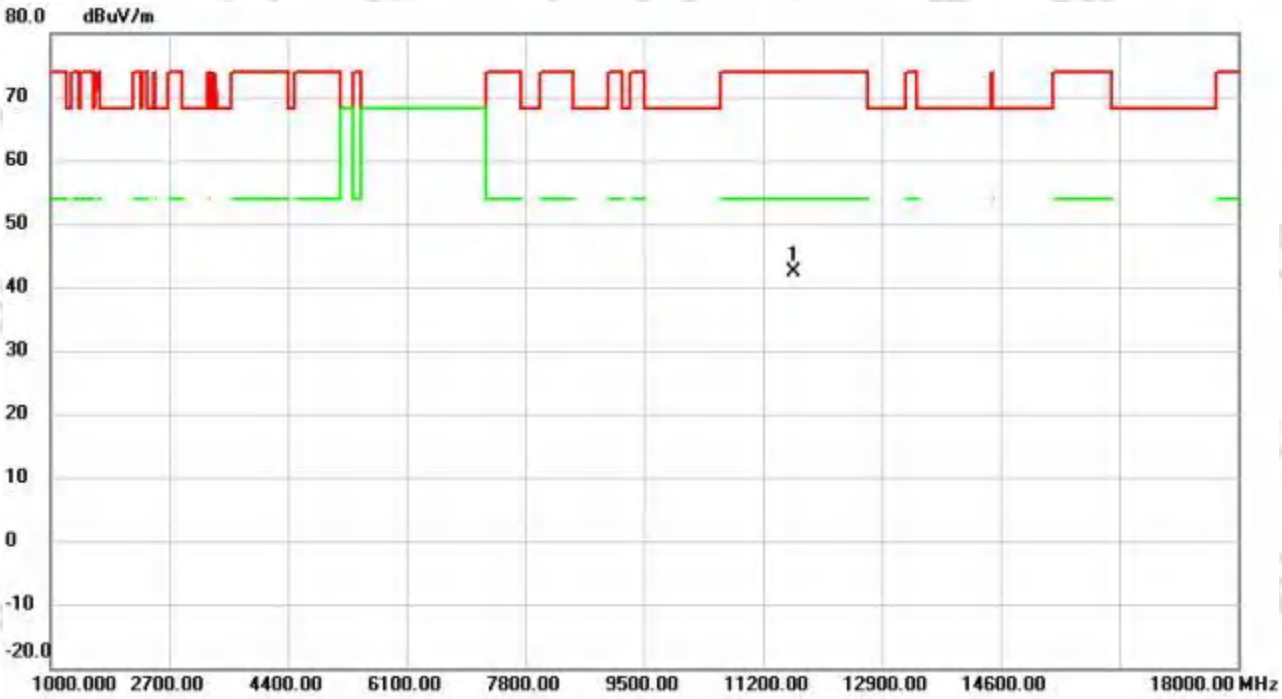
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax20		

802.11ax20_5825MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11650.000	50.42	-8.07	42.35	74.00	-31.65	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

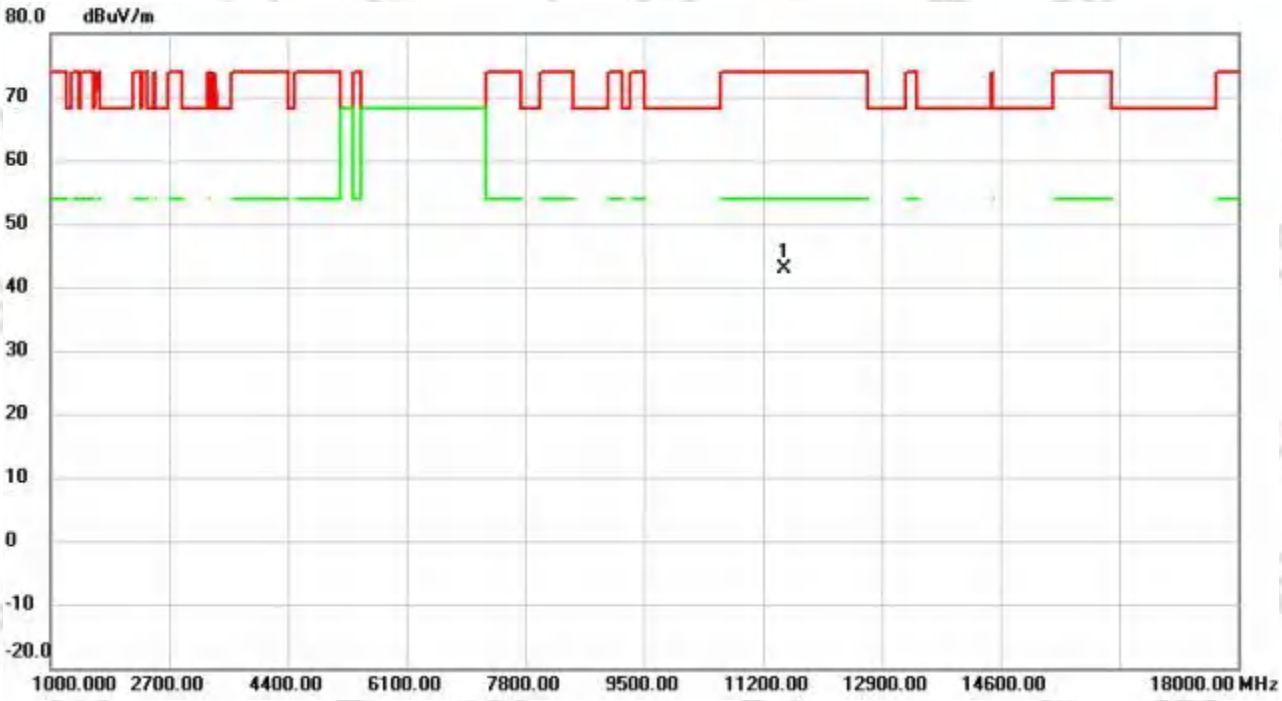
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax40		

802.11ax40_5755MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11510.000	50.78	-7.99	42.79	74.00	-31.21	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

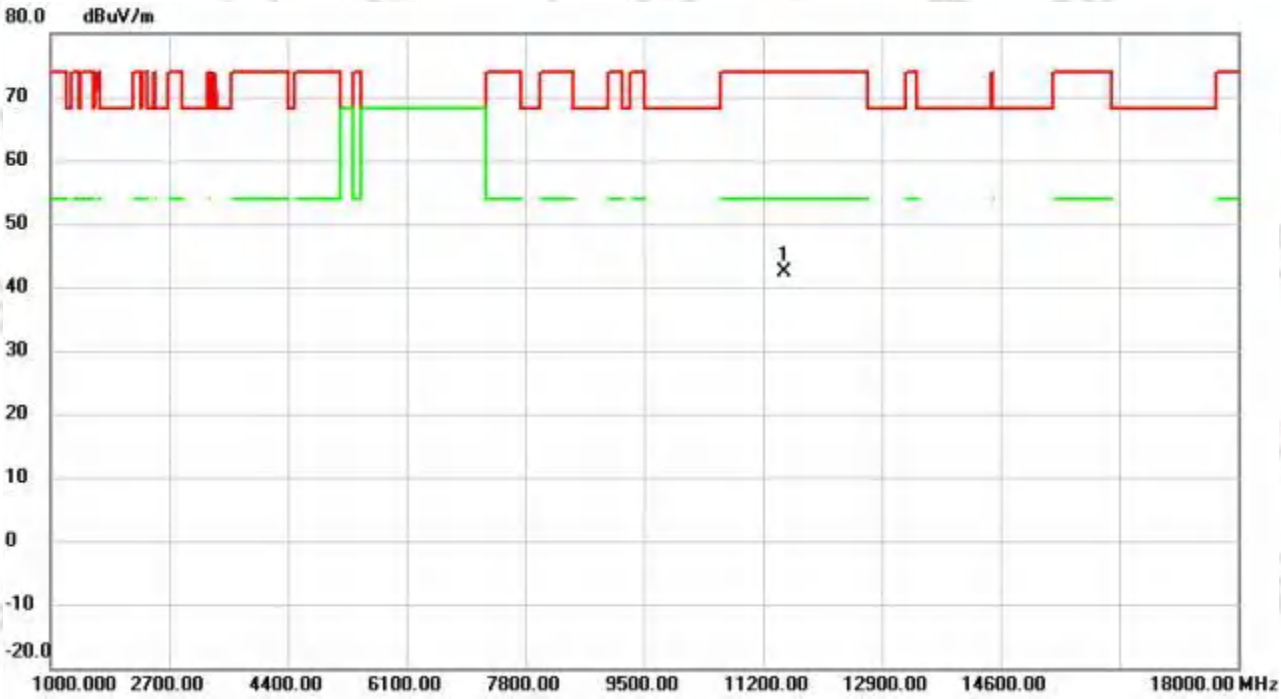
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax40		

802.11ax40_5755MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11510.000	50.32	-7.99	42.33	74.00	-31.67	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

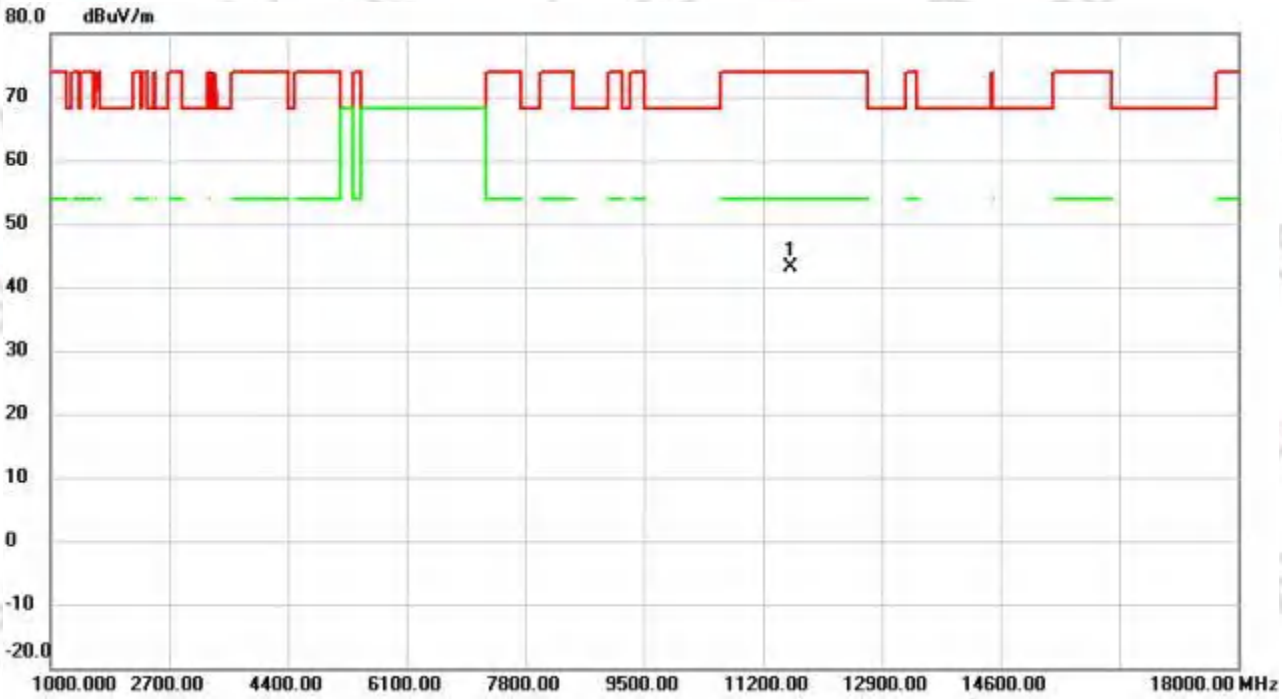
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax40		

802.11ax40_5795MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11590.000	51.16	-7.99	43.17	74.00	-30.83	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

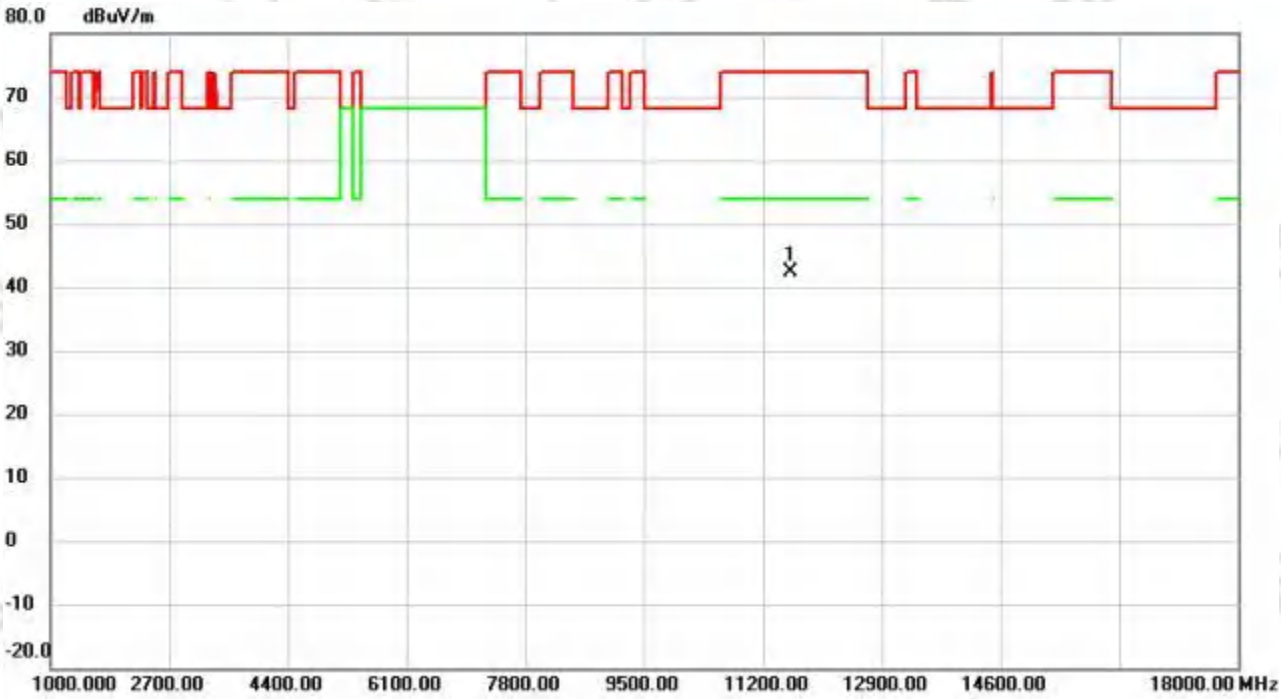
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax40		

802.11ax40_5795MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11590.000	50.31	-7.99	42.32	74.00	-31.68	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

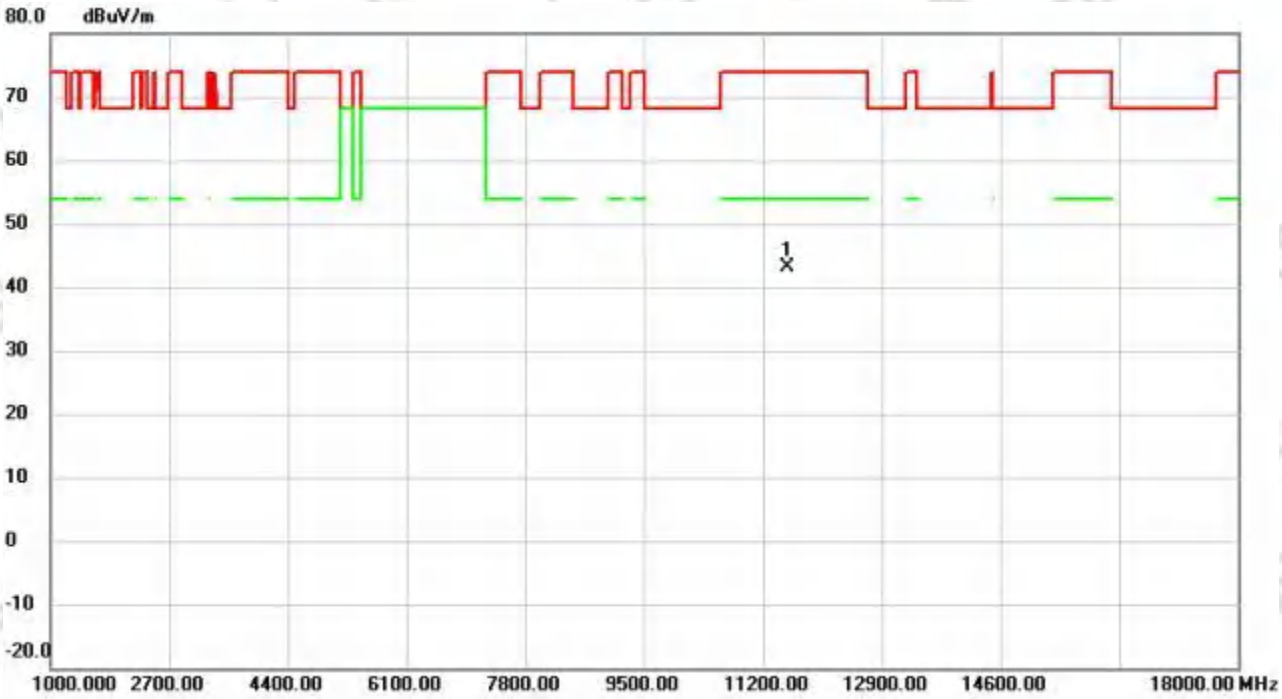
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Horizontal
Test Mode:	802.11ax80		

802.11ax80_5775MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11550.000	51.08	-7.99	43.09	74.00	-30.91	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

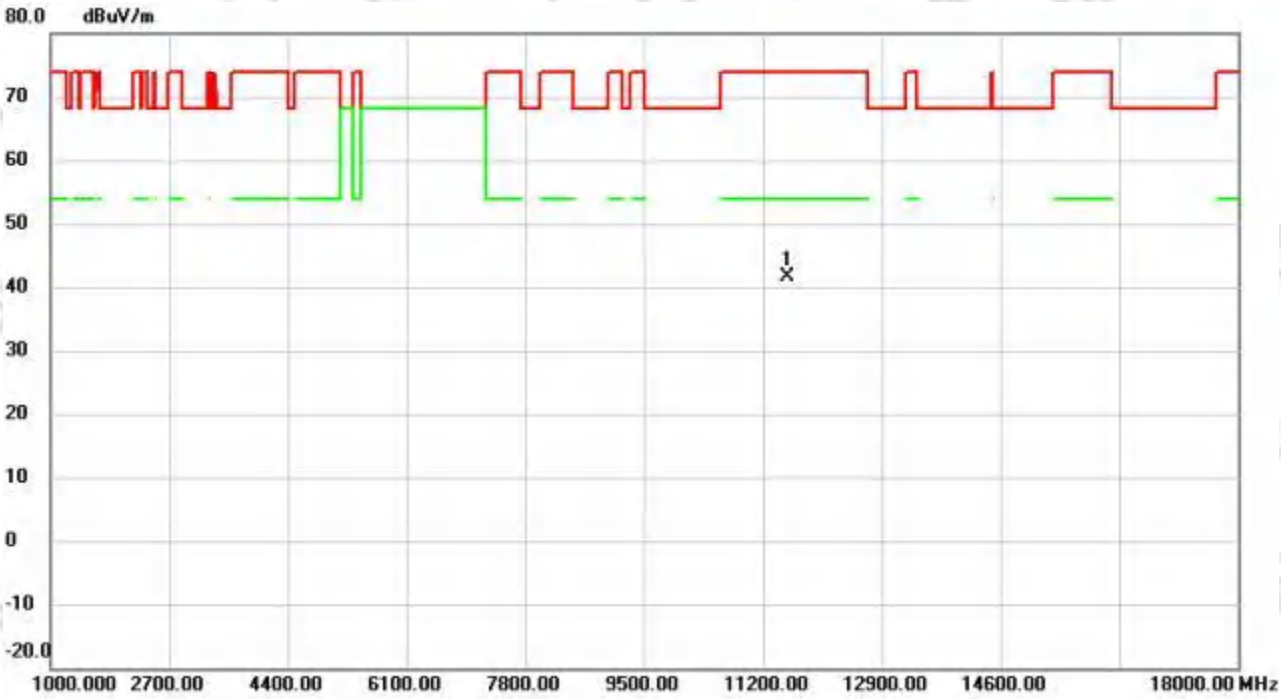
(2) Margin Level = Measurement Value - Limit Value.

1GHz - 18GHz

5725MHz-5850MHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Phase:	Vertical
Test Mode:	802.11ax80		

802.11ax80_5775MHz



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	
1	11550.000	49.68	-7.99	41.69	74.00	-32.31	peak

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Above 18GHz

Temperature:	23.0℃	Relative Humidity:	59%RH
Test Voltage:	AC120V	Polarization:	--
Test Mode:	TX Mode		

REMARK:

The measured value have enough margin over 20dB than the limit, therefore they are not reported.

NOTE:

All modes have been tested and the worst mode is Mode 3. In the report, the radiated spurious emission only presents the test data of mode 3.

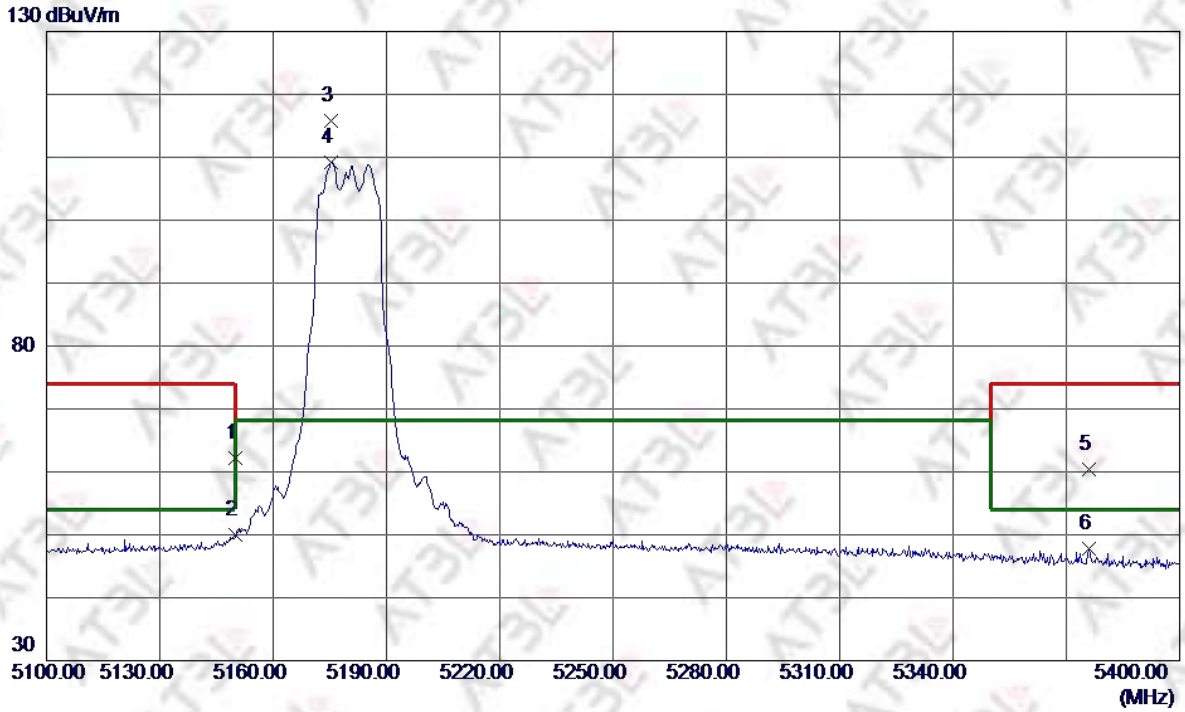
3.2.7.2. **FOR RESTRICTED BANDS OF OPERATION**

5150MHz-5250MHz

802.11a

CH36_5180MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.46	37.65	62.11	74.00	-11.89	Peak	
2	5150.0000	12.37	37.65	50.02	54.00	-3.98	AVG	
3 *	5175.3000	78.15	37.67	115.82	68.20	47.62	Peak	No limit
4	5175.3000	71.61	37.67	109.28	68.20	41.08	AVG	No limit
5	5376.0000	22.36	37.95	60.31	74.00	-13.69	Peak	
6	5376.0000	9.80	37.95	47.75	54.00	-6.25	AVG	

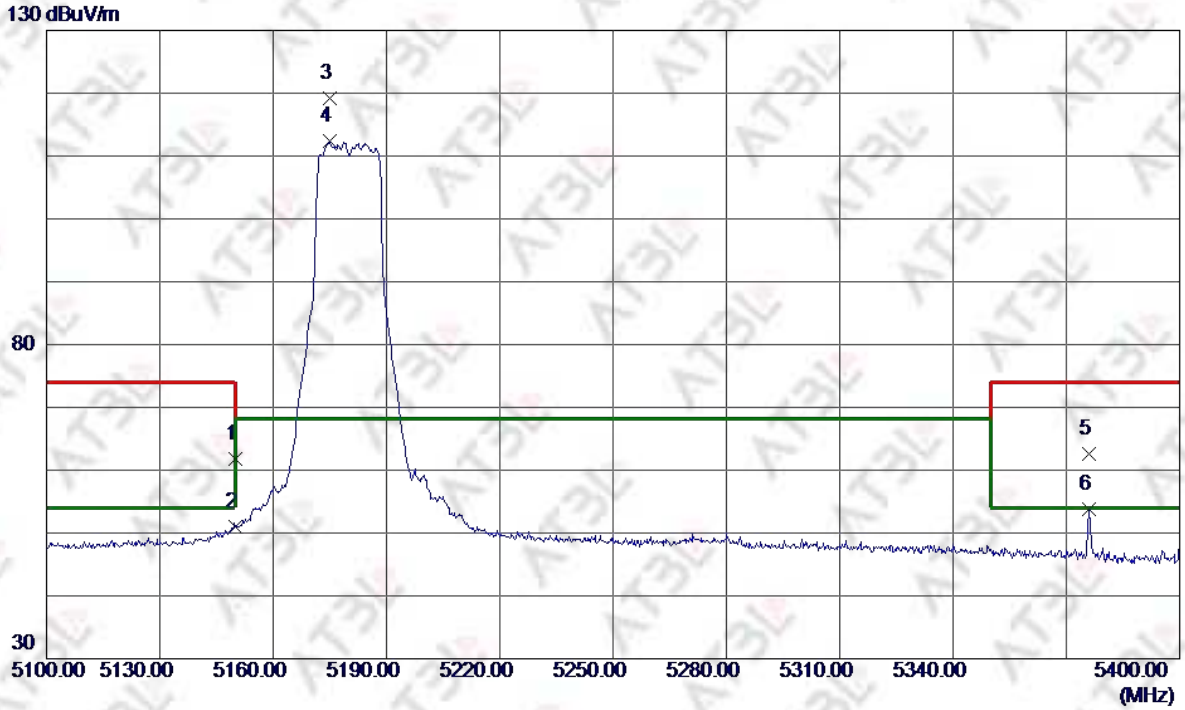
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH36_5180MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.12	37.65	61.77	74.00	-12.23	Peak	
2	5150.0000	13.27	37.65	50.92	54.00	-3.08	AVG	
3 *	5174.8500	81.63	37.67	119.30	68.20	51.10	Peak	No limit
4	5174.8500	74.69	37.67	112.36	68.20	44.16	AVG	No limit
5	5376.0000	24.57	37.95	62.52	74.00	-11.48	Peak	
6	5376.0000	15.76	37.95	53.71	54.00	-0.29	AVG	

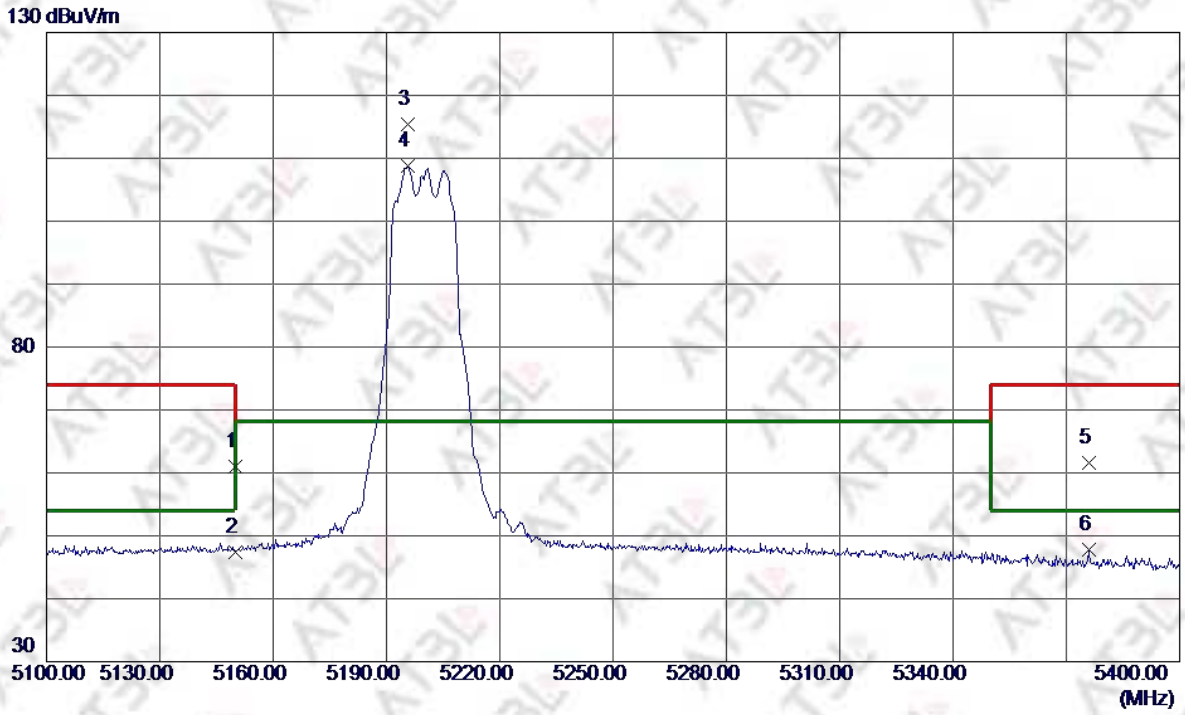
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH40_5200MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.31	37.65	60.96	74.00	-13.04	Peak	
2	5150.0000	9.80	37.65	47.45	54.00	-6.55	AVG	
3 *	5195.7000	77.64	37.68	115.32	68.20	47.12	Peak	No limit
4	5195.7000	71.06	37.68	108.74	68.20	40.54	AVG	No limit
5	5375.8500	23.58	37.95	61.53	74.00	-12.47	Peak	
6	5375.8500	9.78	37.95	47.73	54.00	-6.27	AVG	

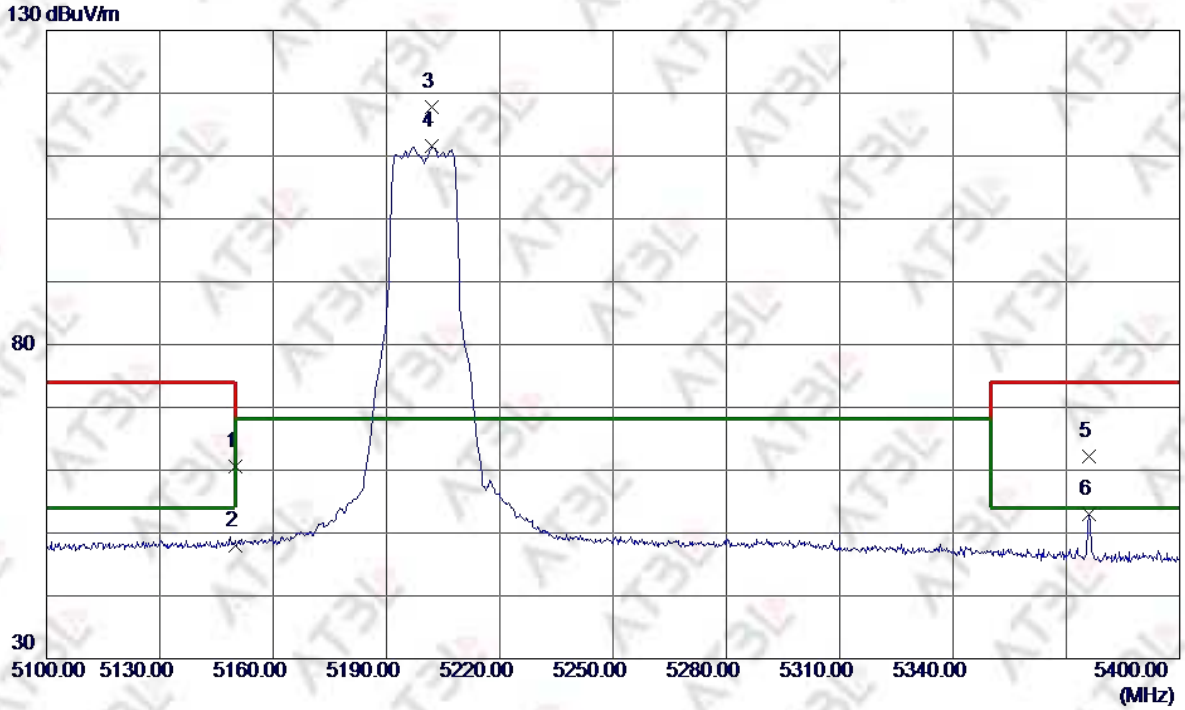
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH40_5200MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.90	37.65	60.55	74.00	-13.45	Peak	
2	5150.0000	10.33	37.65	47.98	54.00	-6.02	AVG	
3 *	5202.0000	80.12	37.68	117.80	68.20	49.60	Peak	No limit
4	5202.0000	73.86	37.68	111.54	68.20	43.34	AVG	No limit
5	5375.8500	24.31	37.95	62.26	74.00	-11.74	Peak	
6	5375.8500	15.10	37.95	53.05	54.00	-0.95	AVG	

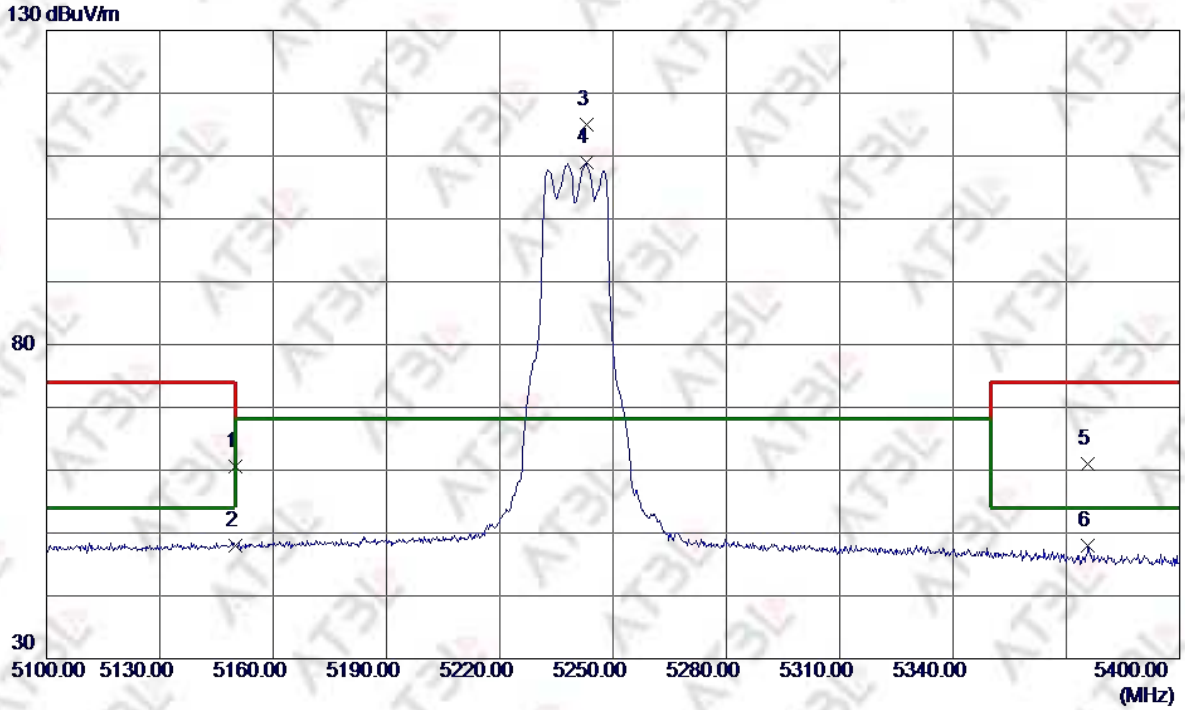
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH48_5240MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.96	37.65	60.61	74.00	-13.39	Peak	
2	5150.0000	10.30	37.65	47.95	54.00	-6.05	AVG	
3 *	5242.9500	77.17	37.75	114.92	68.20	46.72	Peak	No limit
4	5242.9500	71.27	37.75	109.02	68.20	40.82	AVG	No limit
5	5375.7000	22.97	37.95	60.92	74.00	-13.08	Peak	
6	5375.7000	9.96	37.95	47.91	54.00	-6.09	AVG	

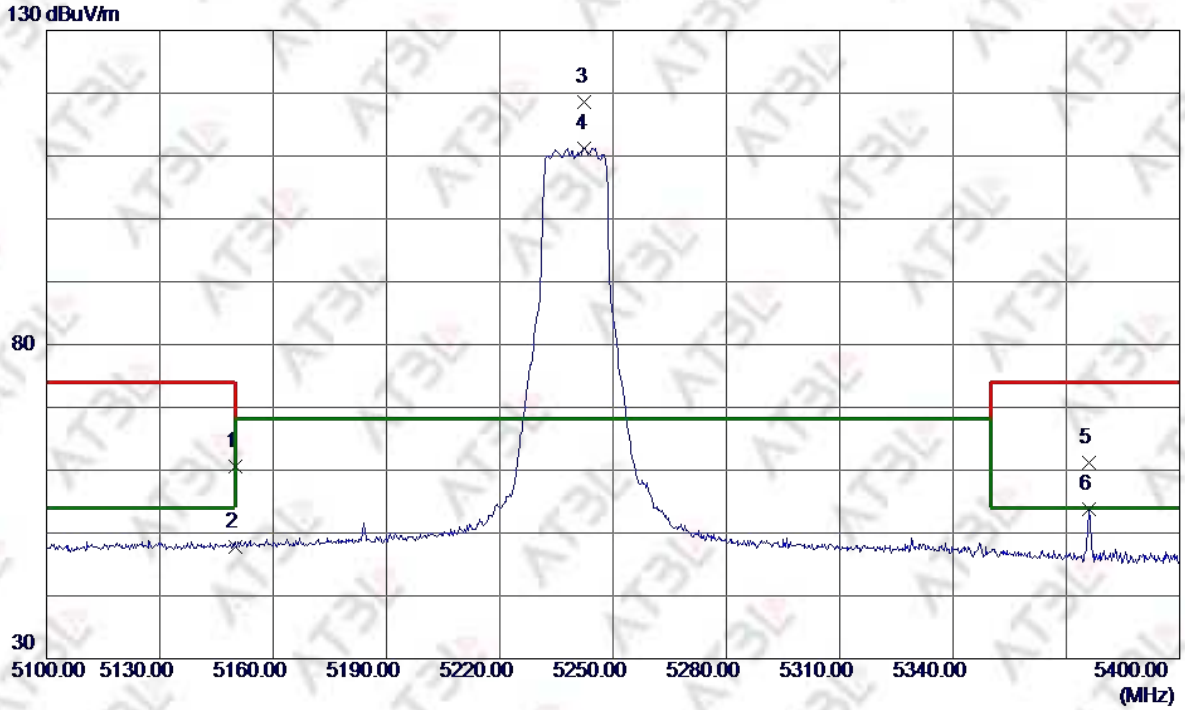
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH48_5240MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.94	37.65	60.59	74.00	-13.41	Peak	
2	5150.0000	10.16	37.65	47.81	54.00	-6.19	AVG	
3 *	5242.5000	80.87	37.75	118.62	68.20	50.42	Peak	No limit
4	5242.5000	73.53	37.75	111.28	68.20	43.08	AVG	No limit
5	5376.0000	23.33	37.95	61.28	74.00	-12.72	Peak	
6	5376.0000	15.79	37.95	53.74	54.00	-0.26	AVG	

REMARKS:

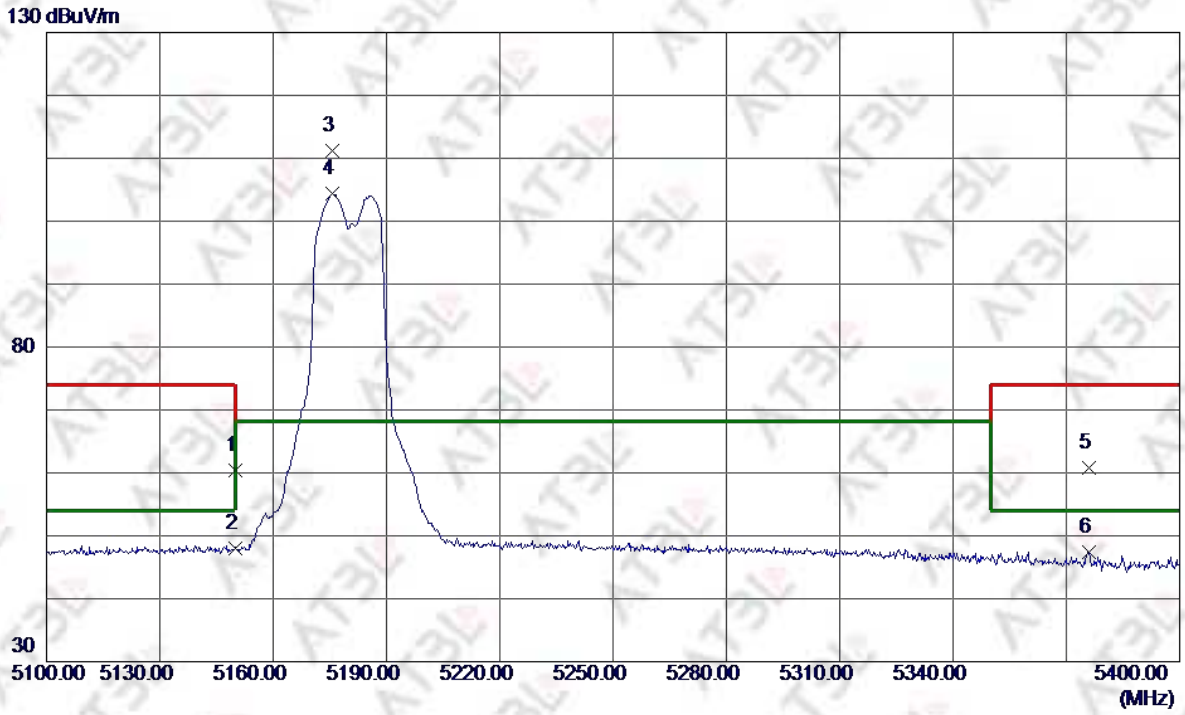
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11n20

CH36_5180MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.73	37.65	60.38	74.00	-13.62	Peak	
2	5150.0000	10.41	37.65	48.06	54.00	-5.94	AVG	
3 *	5175.6000	73.52	37.67	111.19	68.20	42.99	Peak	No limit
4	5175.6000	66.67	37.67	104.34	68.20	36.14	AVG	No limit
5	5376.0000	22.86	37.95	60.81	74.00	-13.19	Peak	
6	5376.0000	9.50	37.95	47.45	54.00	-6.55	AVG	

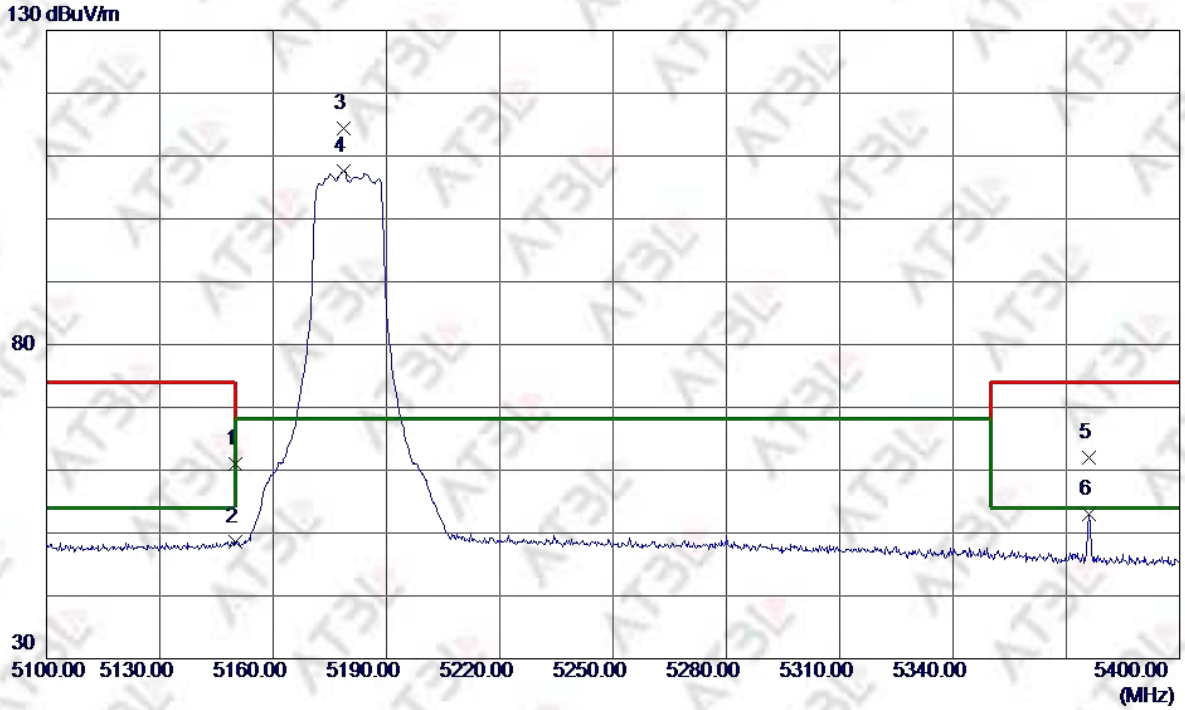
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH36_5180MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.40	37.65	61.05	74.00	-12.95	Peak	
2	5150.0000	11.02	37.65	48.67	54.00	-5.33	AVG	
3 *	5178.7500	76.68	37.67	114.35	68.20	46.15	Peak	No limit
4	5178.7500	69.90	37.67	107.57	68.20	39.37	AVG	No limit
5	5375.8500	24.01	37.95	61.96	74.00	-12.04	Peak	
6	5375.8500	15.06	37.95	53.01	54.00	-0.99	AVG	

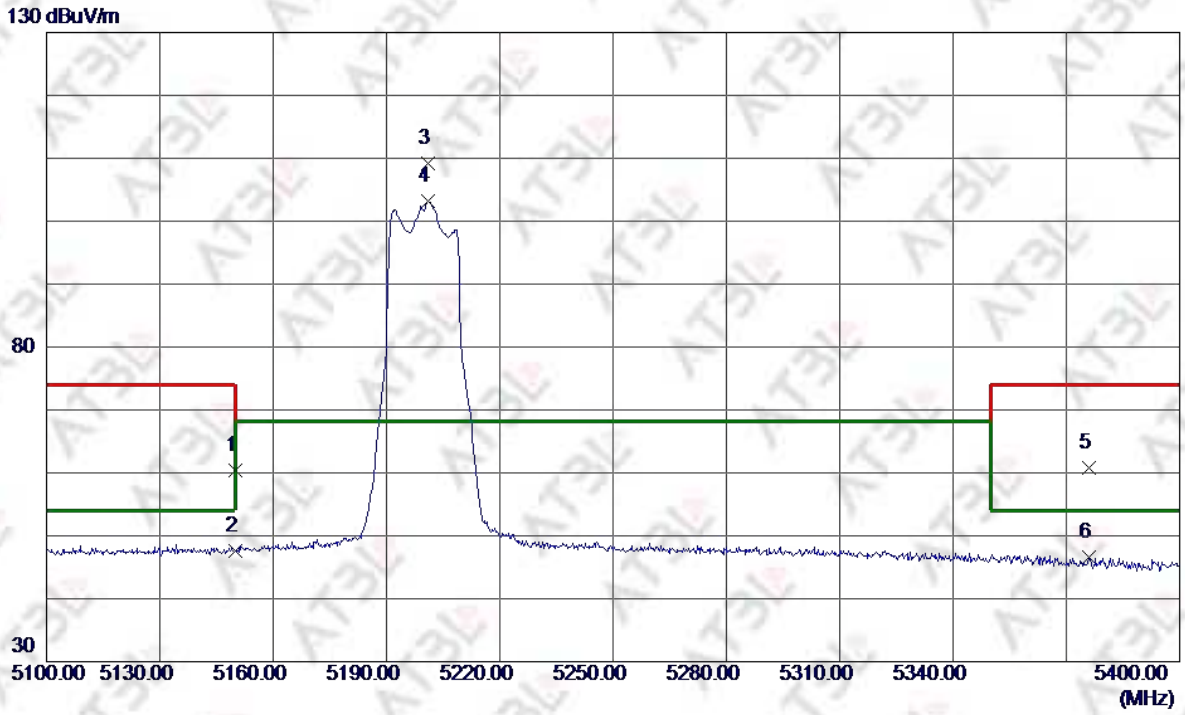
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH40_5200MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.81	37.65	60.46	74.00	-13.54	Peak	
2	5150.0000	9.94	37.65	47.59	54.00	-6.41	AVG	
3 *	5201.1000	71.61	37.68	109.29	68.20	41.09	Peak	No limit
4	5201.1000	65.58	37.68	103.26	68.20	35.06	AVG	No limit
5	5375.8500	22.89	37.95	60.84	74.00	-13.16	Peak	
6	5375.8500	8.66	37.95	46.61	54.00	-7.39	AVG	

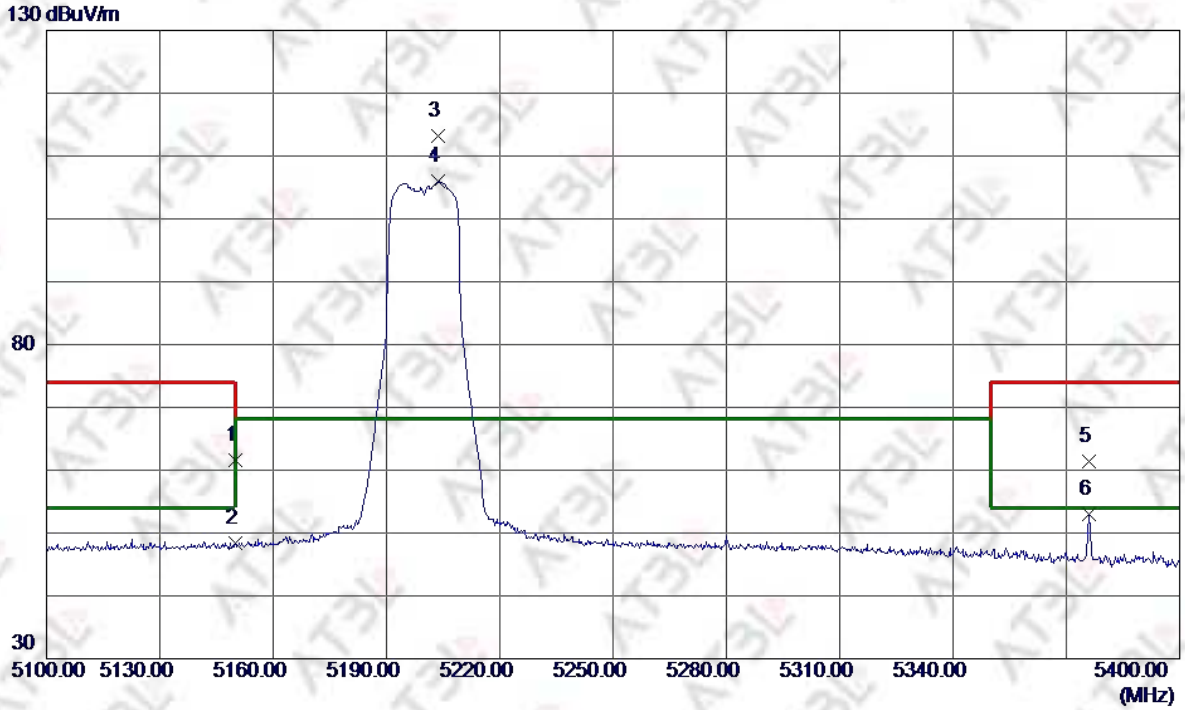
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH40_5200MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.89	37.65	61.54	74.00	-12.46	Peak	
2	5150.0000	10.67	37.65	48.32	54.00	-5.68	AVG	
3 *	5203.6500	75.55	37.69	113.24	68.20	45.04	Peak	No limit
4	5203.6500	68.29	37.69	105.98	68.20	37.78	AVG	No limit
5	5375.8500	23.38	37.95	61.33	74.00	-12.67	Peak	
6	5375.8500	15.04	37.95	52.99	54.00	-1.01	AVG	

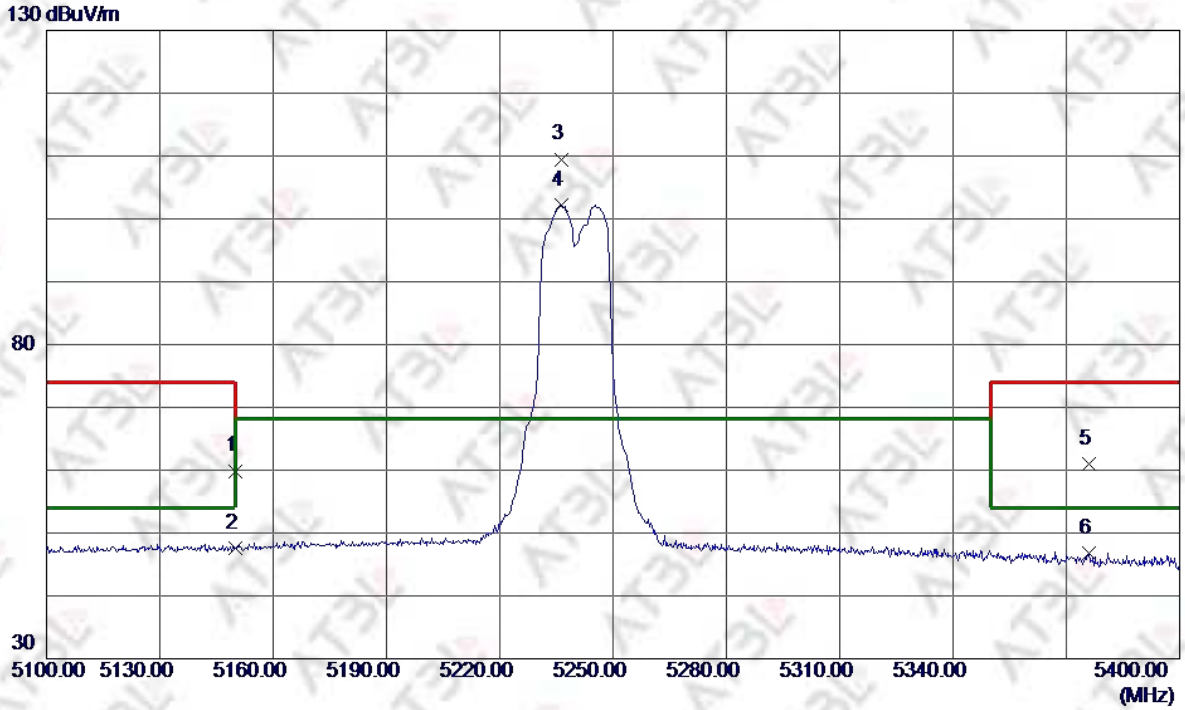
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH48_5240MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.25	37.65	59.90	74.00	-14.10	Peak	
2	5150.0000	9.87	37.65	47.52	54.00	-6.48	AVG	
3 *	5236.2000	71.76	37.74	109.50	68.20	41.30	Peak	No limit
4	5236.2000	64.43	37.74	102.17	68.20	33.97	AVG	No limit
5	5375.8500	23.02	37.95	60.97	74.00	-13.03	Peak	
6	5375.8500	8.92	37.95	46.87	54.00	-7.13	AVG	

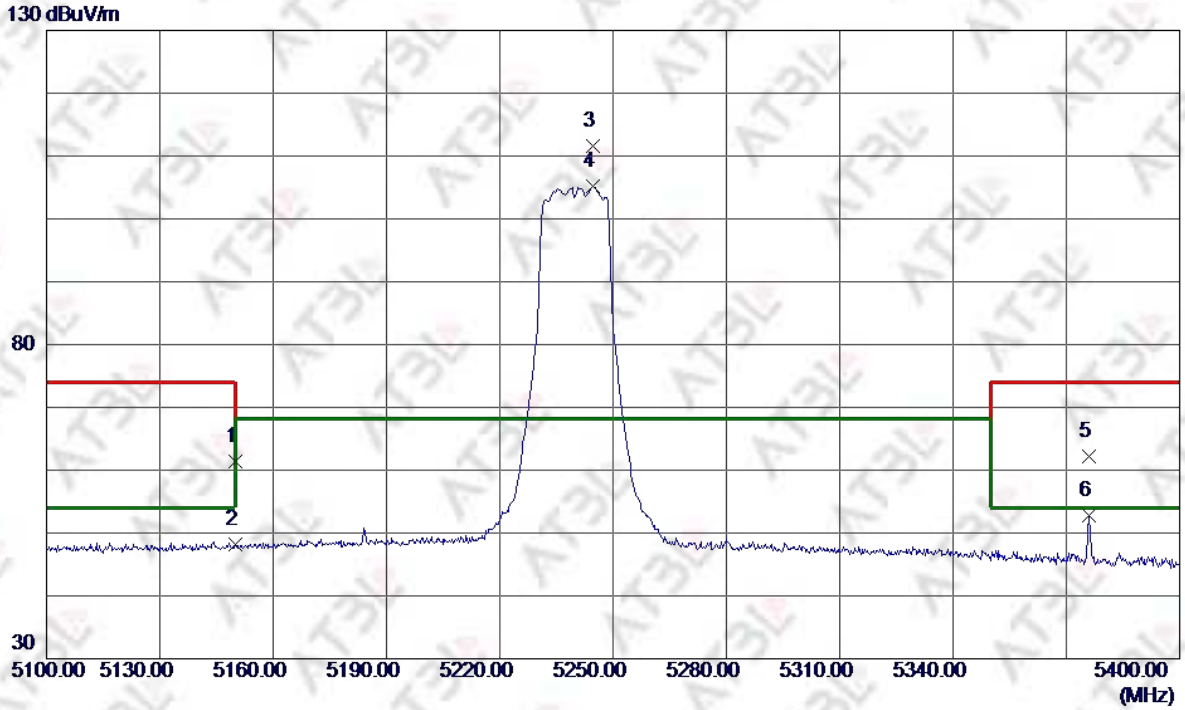
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH48_5240MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.70	37.65	61.35	74.00	-12.65	Peak	
2	5150.0000	10.51	37.65	48.16	54.00	-5.84	AVG	
3 *	5244.7500	73.86	37.75	111.61	68.20	43.41	Peak	No limit
4	5244.7500	67.43	37.75	105.18	68.20	36.98	AVG	No limit
5	5375.8500	24.28	37.95	62.23	74.00	-11.77	Peak	
6	5375.8500	14.78	37.95	52.73	54.00	-1.27	AVG	

REMARKS:

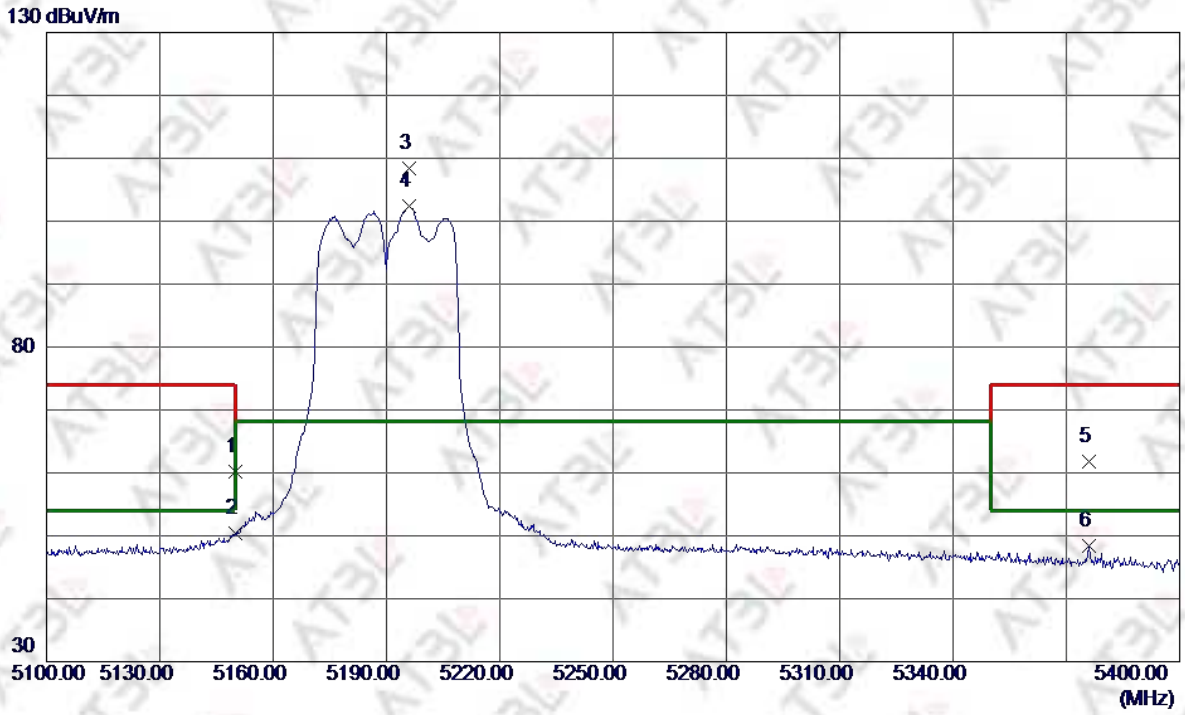
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11n40

CH38_5190MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.59	37.65	60.24	74.00	-13.76	Peak	
2	5150.0000	12.71	37.65	50.36	54.00	-3.64	AVG	
3 *	5196.1500	70.81	37.68	108.49	68.20	40.29	Peak	No limit
4	5196.1500	64.71	37.68	102.39	68.20	34.19	AVG	No limit
5	5376.0000	23.76	37.95	61.71	74.00	-12.29	Peak	
6	5376.0000	10.43	37.95	48.38	54.00	-5.62	AVG	

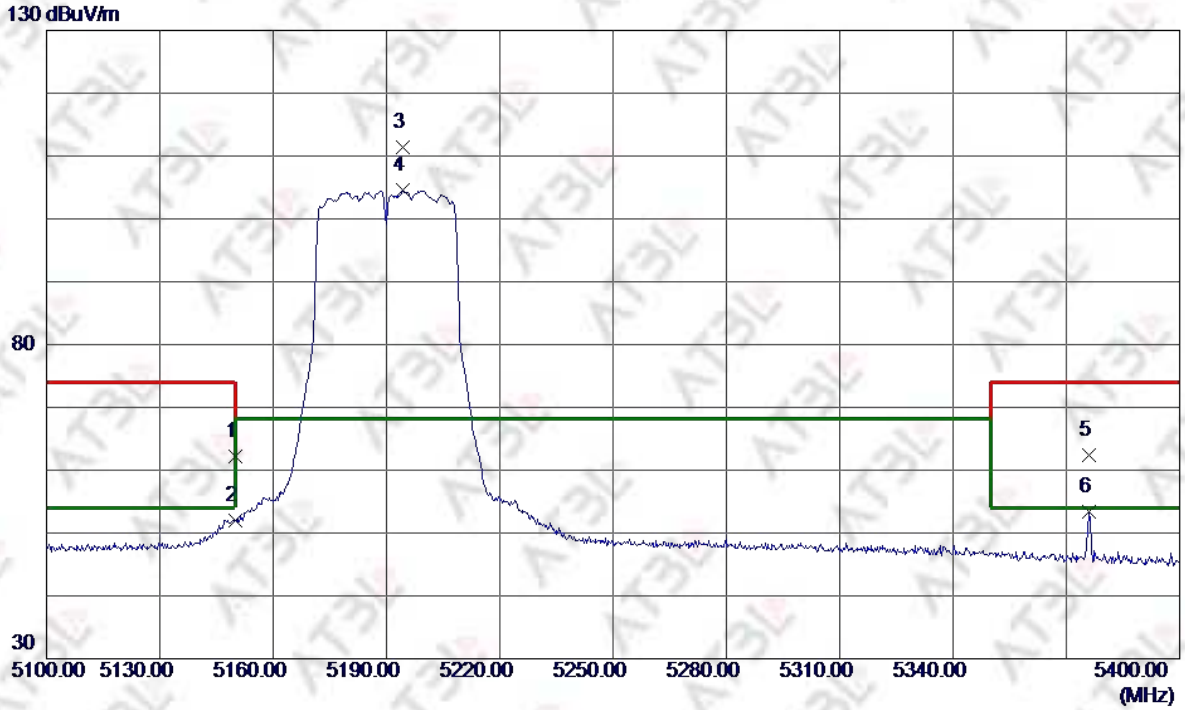
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH38_5190MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.54	37.65	62.19	74.00	-11.81	Peak	
2	5150.0000	14.37	37.65	52.02	54.00	-1.98	AVG	
3 *	5194.3500	73.78	37.68	111.46	68.20	43.26	Peak	No limit
4	5194.3500	66.83	37.68	104.51	68.20	36.31	AVG	No limit
5	5376.0000	24.36	37.95	62.31	74.00	-11.69	Peak	
6	5376.0000	15.49	37.95	53.44	54.00	-0.56	AVG	

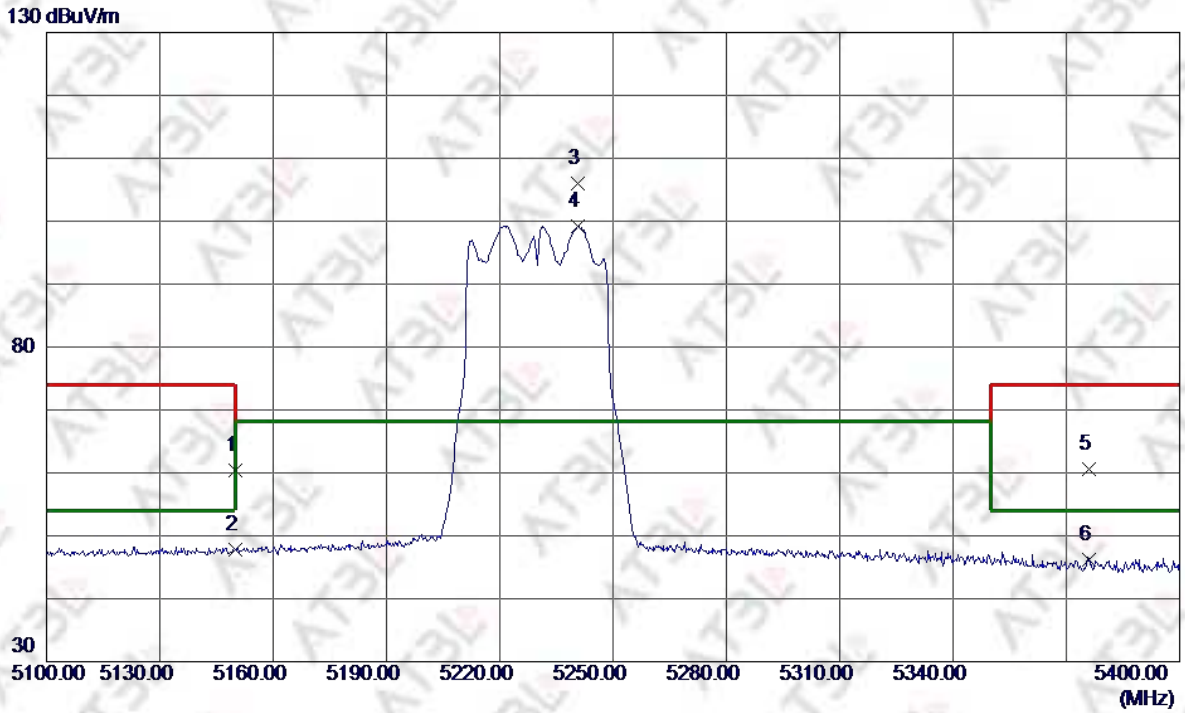
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH46_5230MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.73	37.65	60.38	74.00	-13.62	Peak	
2	5150.0000	10.19	37.65	47.84	54.00	-6.16	AVG	
3 *	5240.5500	68.29	37.74	106.03	68.20	37.83	Peak	No limit
4	5240.5500	61.48	37.74	99.22	68.20	31.02	AVG	No limit
5	5375.8500	22.69	37.95	60.64	74.00	-13.36	Peak	
6	5375.8500	8.16	37.95	46.11	54.00	-7.89	AVG	

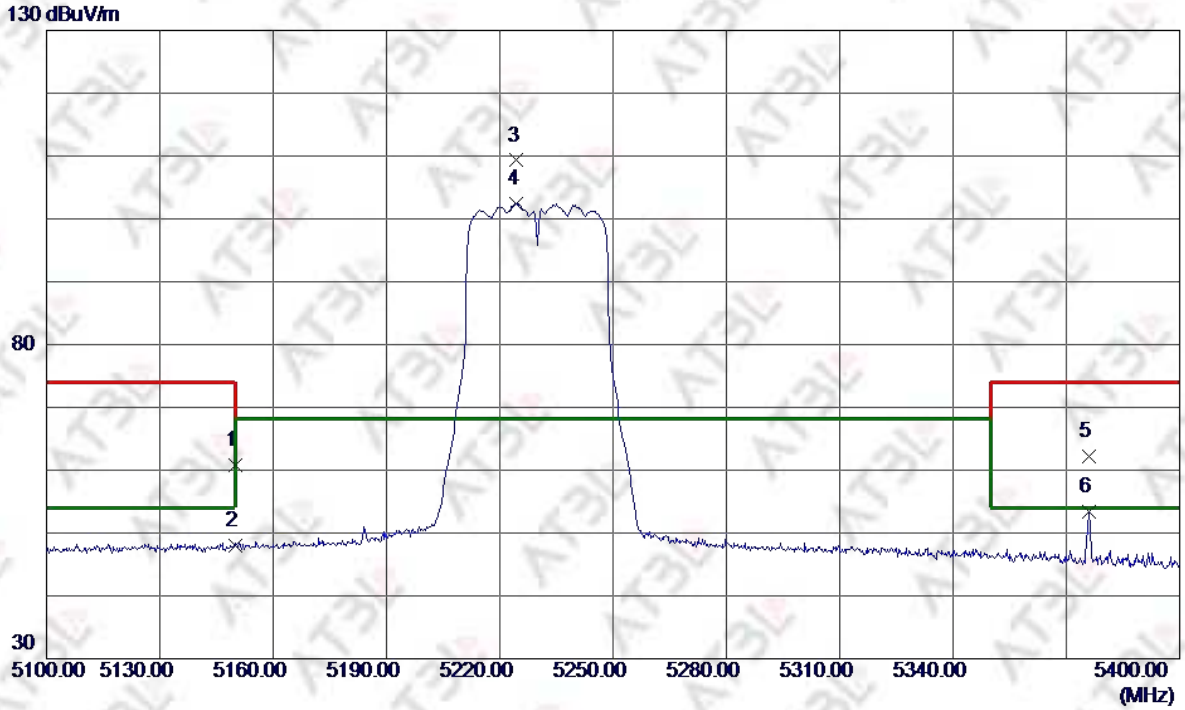
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH46_5230MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.09	37.65	60.74	74.00	-13.26	Peak	
2	5150.0000	10.32	37.65	47.97	54.00	-6.03	AVG	
3 *	5224.5000	71.58	37.72	109.30	68.20	41.10	Peak	No limit
4	5224.5000	64.73	37.72	102.45	68.20	34.25	AVG	No limit
5	5375.8500	24.17	37.95	62.12	74.00	-11.88	Peak	
6	5375.8500	15.43	37.95	53.38	54.00	-0.62	AVG	

REMARKS:

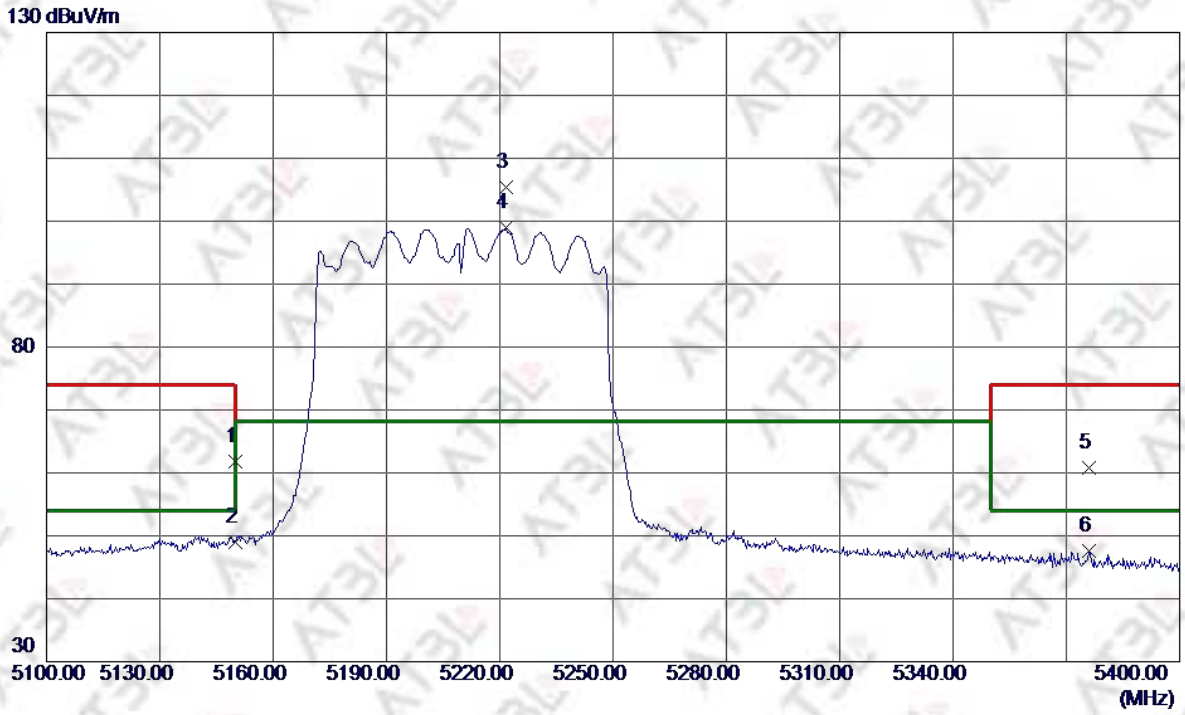
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11ac80

CH42_5210MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.13	37.65	61.78	74.00	-12.22	Peak	
2	5150.0000	11.43	37.65	49.08	54.00	-4.92	AVG	
3 *	5221.8000	67.62	37.71	105.33	68.20	37.13	Peak	No limit
4	5221.8000	61.22	37.71	98.93	68.20	30.73	AVG	No limit
5	5375.8500	22.79	37.95	60.74	74.00	-13.26	Peak	
6	5375.8500	9.57	37.95	47.52	54.00	-6.48	AVG	

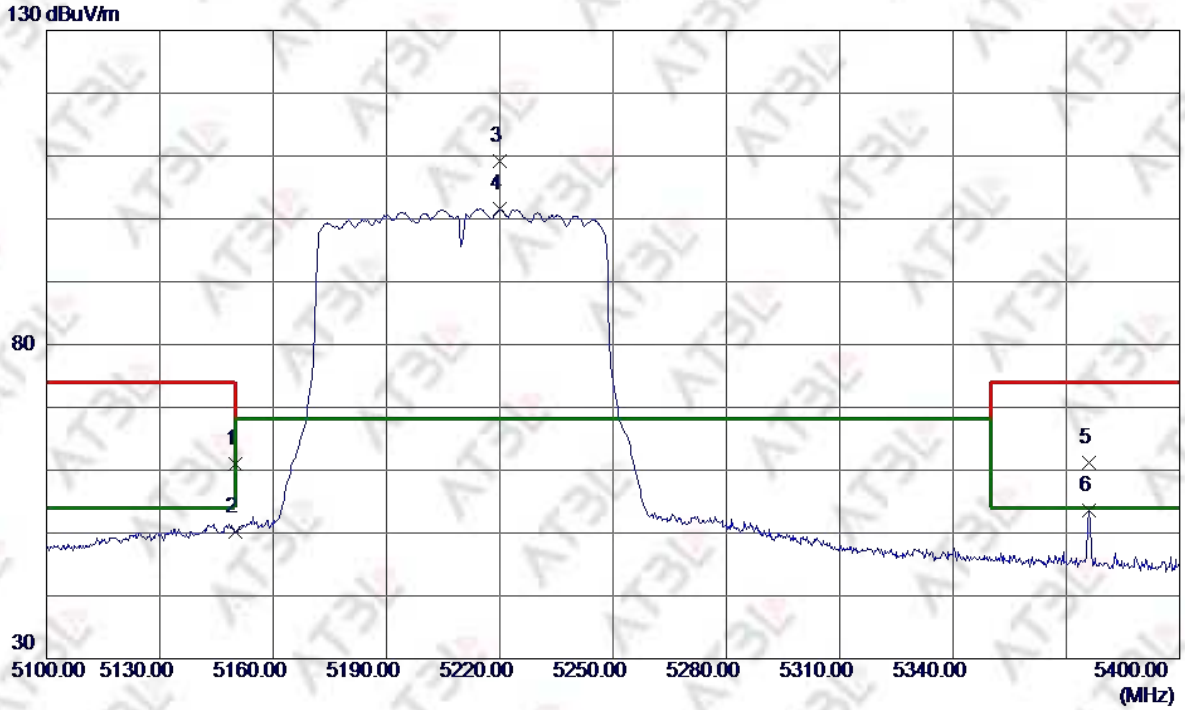
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH42_5210MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.35	37.65	61.00	74.00	-13.00	Peak	
2	5150.0000	12.46	37.65	50.11	54.00	-3.89	AVG	
3 *	5220.1500	71.56	37.71	109.27	68.20	41.07	Peak	No limit
4	5220.1500	63.85	37.71	101.56	68.20	33.36	AVG	No limit
5	5375.8500	23.18	37.95	61.13	74.00	-12.87	Peak	
6	5375.8500	15.74	37.95	53.69	54.00	-0.31	AVG	

REMARKS:

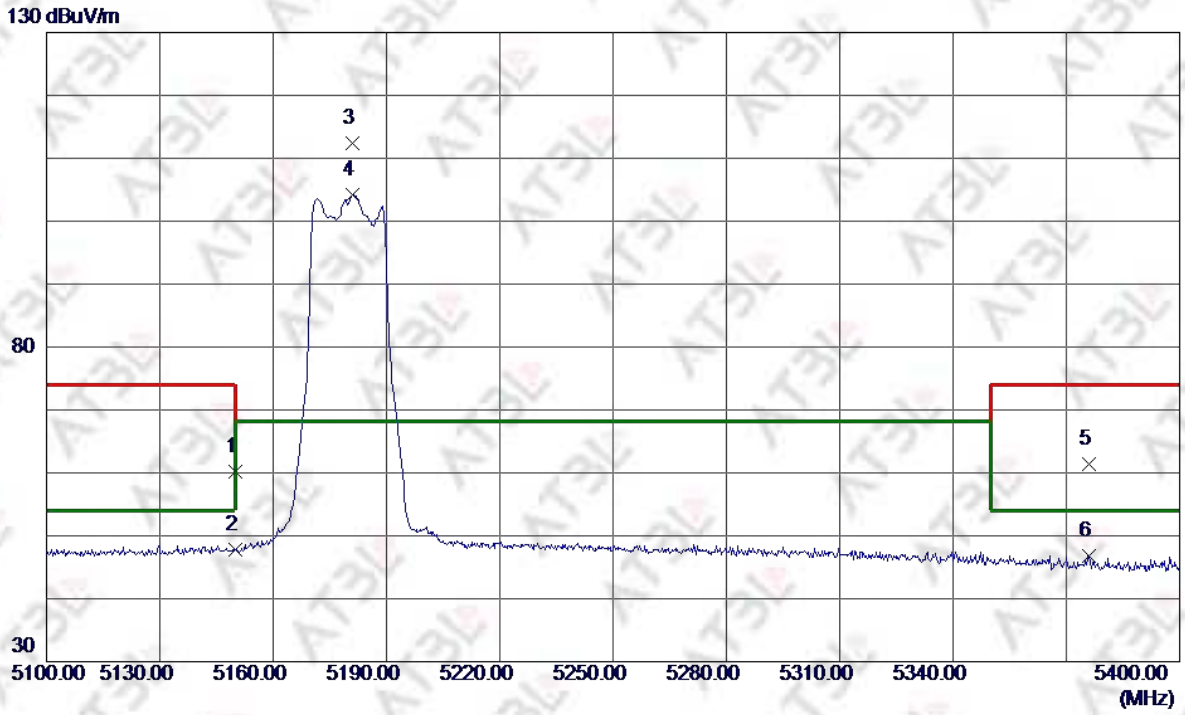
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11ax20

CH36_5180MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.61	37.65	60.26	74.00	-13.74	Peak	
2	5150.0000	10.20	37.65	47.85	54.00	-6.15	AVG	
3 *	5180.8500	74.73	37.67	112.40	68.20	44.20	Peak	No limit
4	5180.8500	66.54	37.67	104.21	68.20	36.01	AVG	No limit
5	5375.8500	23.41	37.95	61.36	74.00	-12.64	Peak	
6	5375.8500	8.82	37.95	46.77	54.00	-7.23	AVG	

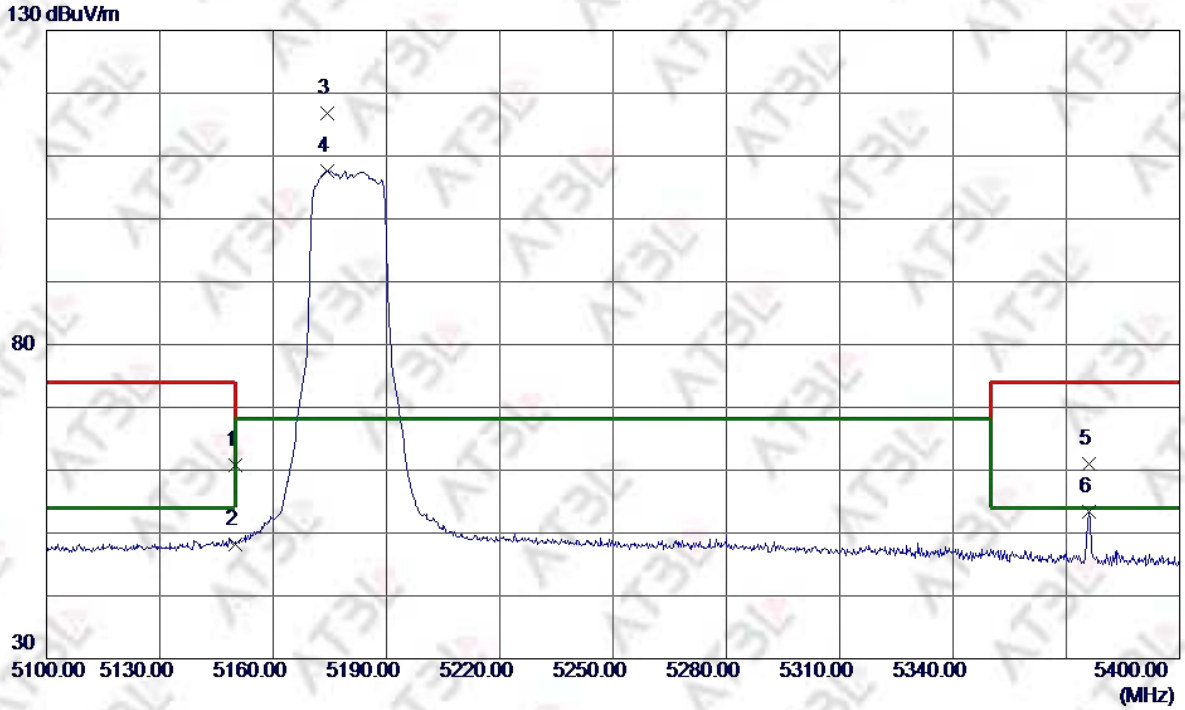
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH36_5180MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.15	37.65	60.80	74.00	-13.20	Peak	
2	5150.0000	10.64	37.65	48.29	54.00	-5.71	AVG	
3 *	5174.2500	79.15	37.67	116.82	68.20	48.62	Peak	No limit
4	5174.2500	69.97	37.67	107.64	68.20	39.44	AVG	No limit
5	5376.0000	23.11	37.95	61.06	74.00	-12.94	Peak	
6	5376.0000	15.53	37.95	53.48	54.00	-0.52	AVG	

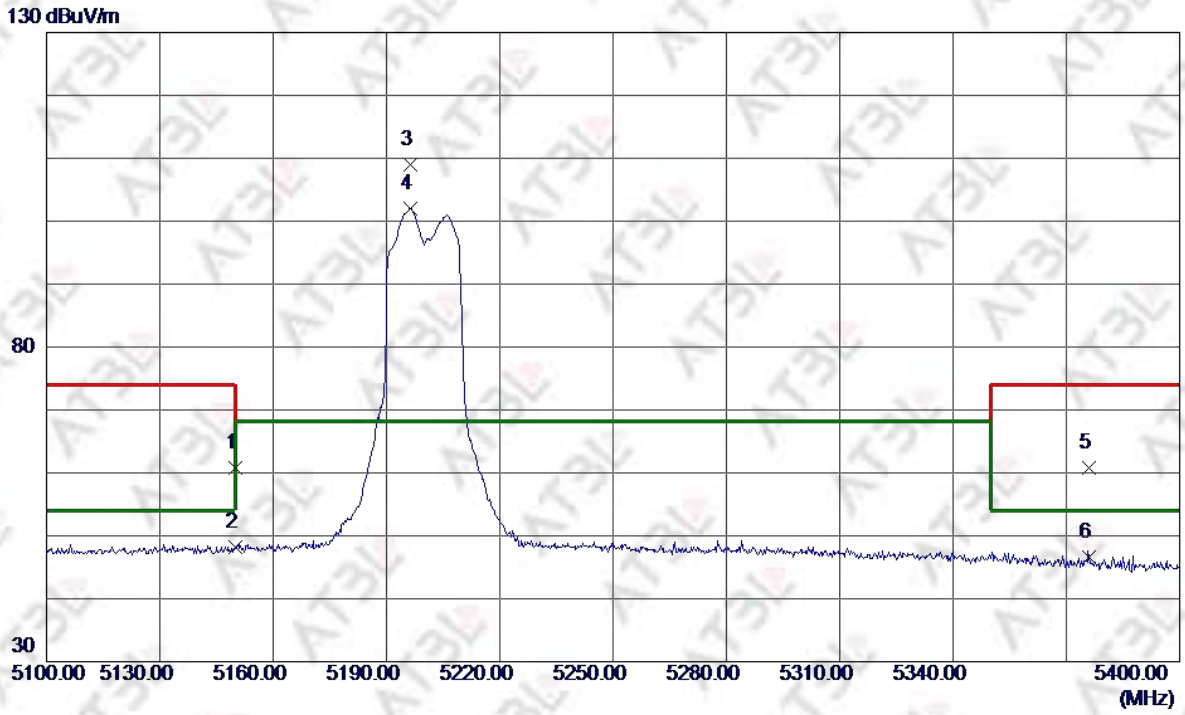
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH40_5200MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.11	37.65	60.76	74.00	-13.24	Peak	
2	5150.0000	10.47	37.65	48.12	54.00	-5.88	AVG	
3 *	5196.3000	71.32	37.68	109.00	68.20	40.80	Peak	No limit
4	5196.3000	64.33	37.68	102.01	68.20	33.81	AVG	No limit
5	5375.8500	22.79	37.95	60.74	74.00	-13.26	Peak	
6	5375.8500	8.61	37.95	46.56	54.00	-7.44	AVG	

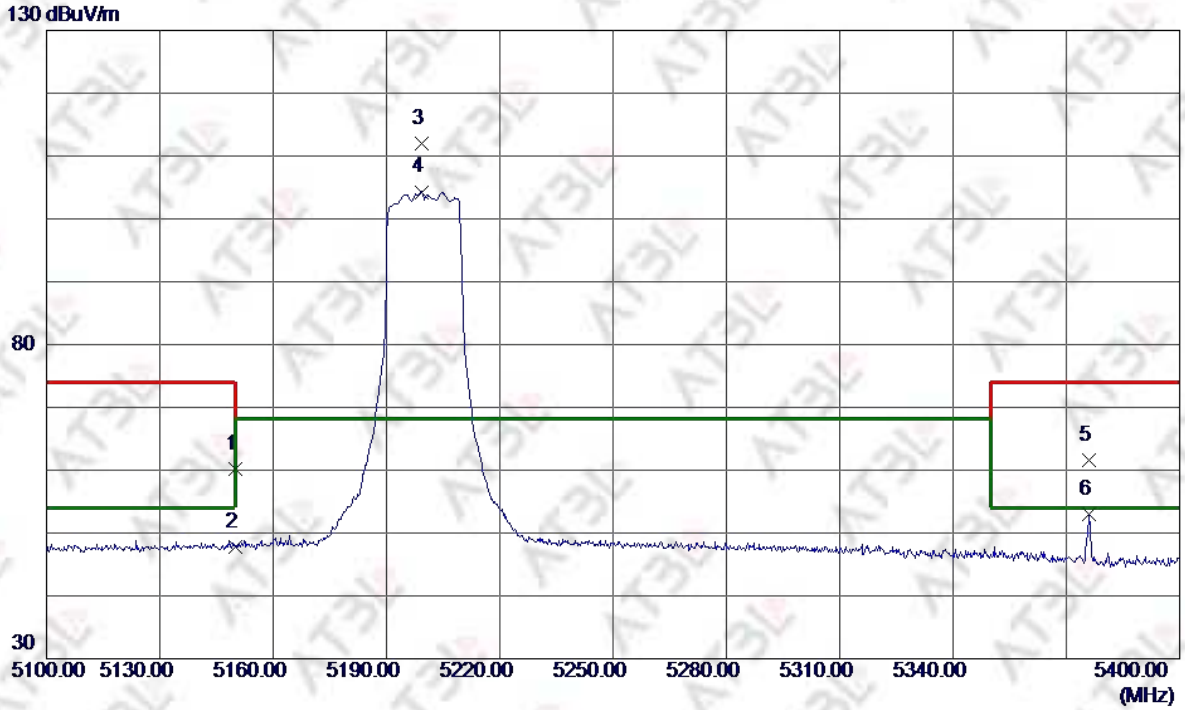
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH40_5200MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.56	37.65	60.21	74.00	-13.79	Peak	
2	5150.0000	10.22	37.65	47.87	54.00	-6.13	AVG	
3 *	5199.3000	74.34	37.68	112.02	68.20	43.82	Peak	No limit
4	5199.3000	66.62	37.68	104.30	68.20	36.10	AVG	No limit
5	5376.0000	23.56	37.95	61.51	74.00	-12.49	Peak	
6	5376.0000	15.00	37.95	52.95	54.00	-1.05	AVG	

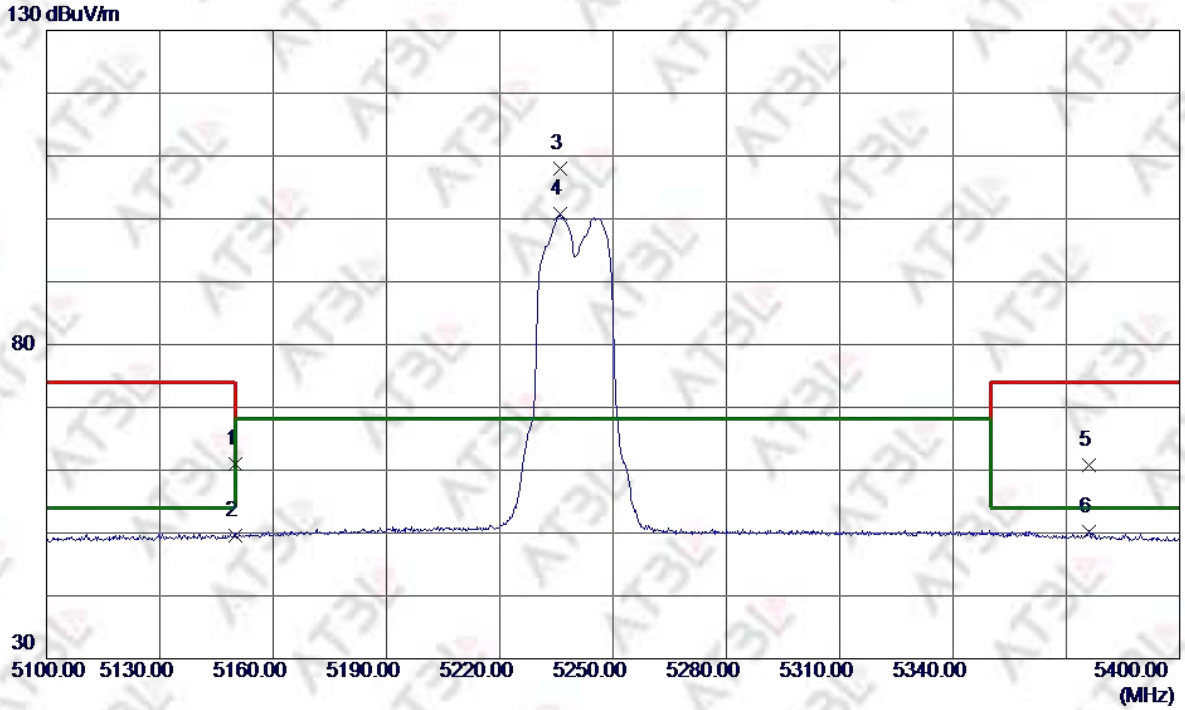
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH48_5240MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.29	37.65	60.94	74.00	-13.06	Peak	
2	5150.0000	11.97	37.65	49.62	54.00	-4.38	AVG	
3 *	5235.9000	70.26	37.74	108.00	68.20	39.80	Peak	No limit
4	5235.9000	63.04	37.74	100.78	68.20	32.58	AVG	No limit
5	5375.8500	22.88	37.95	60.83	74.00	-13.17	Peak	
6	5375.8500	12.24	37.95	50.19	54.00	-3.81	AVG	

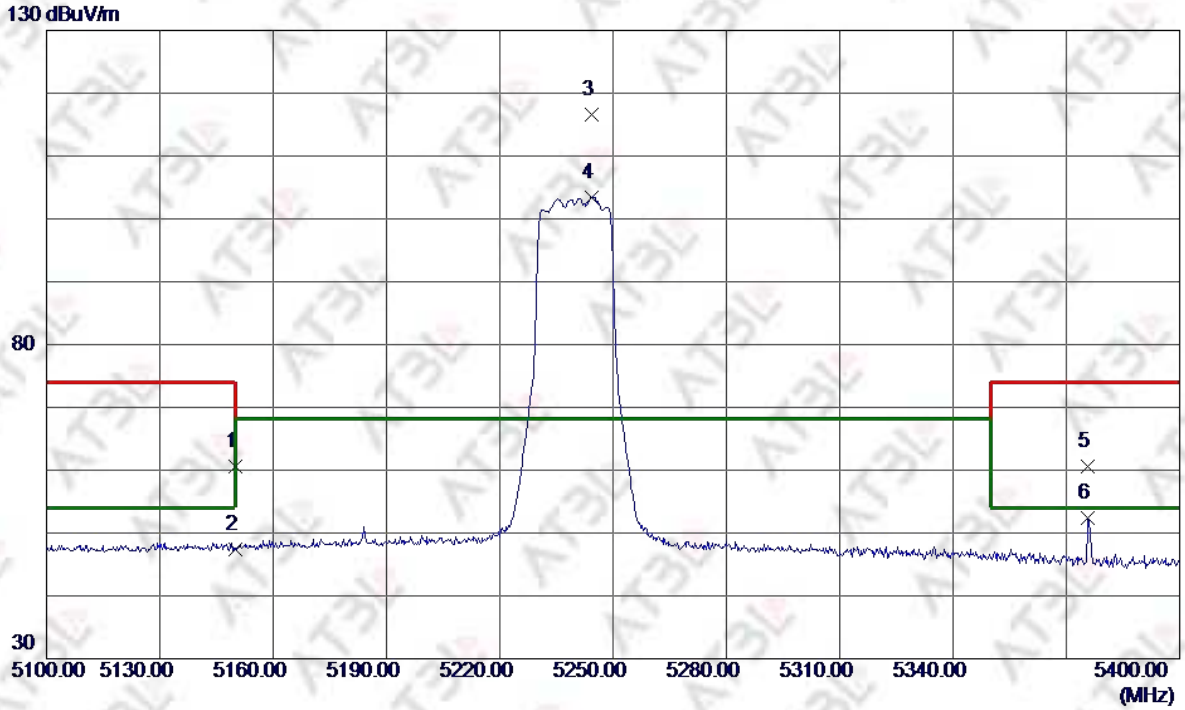
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH48_5240MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	22.93	37.65	60.58	74.00	-13.42	Peak	
2	5150.0000	9.79	37.65	47.44	54.00	-6.56	AVG	
3 *	5244.4500	78.83	37.75	116.58	68.20	48.38	Peak	No limit
4	5244.4500	65.71	37.75	103.46	68.20	35.26	AVG	No limit
5	5375.7000	22.58	37.95	60.53	74.00	-13.47	Peak	
6	5375.7000	14.41	37.95	52.36	54.00	-1.64	AVG	

REMARKS:

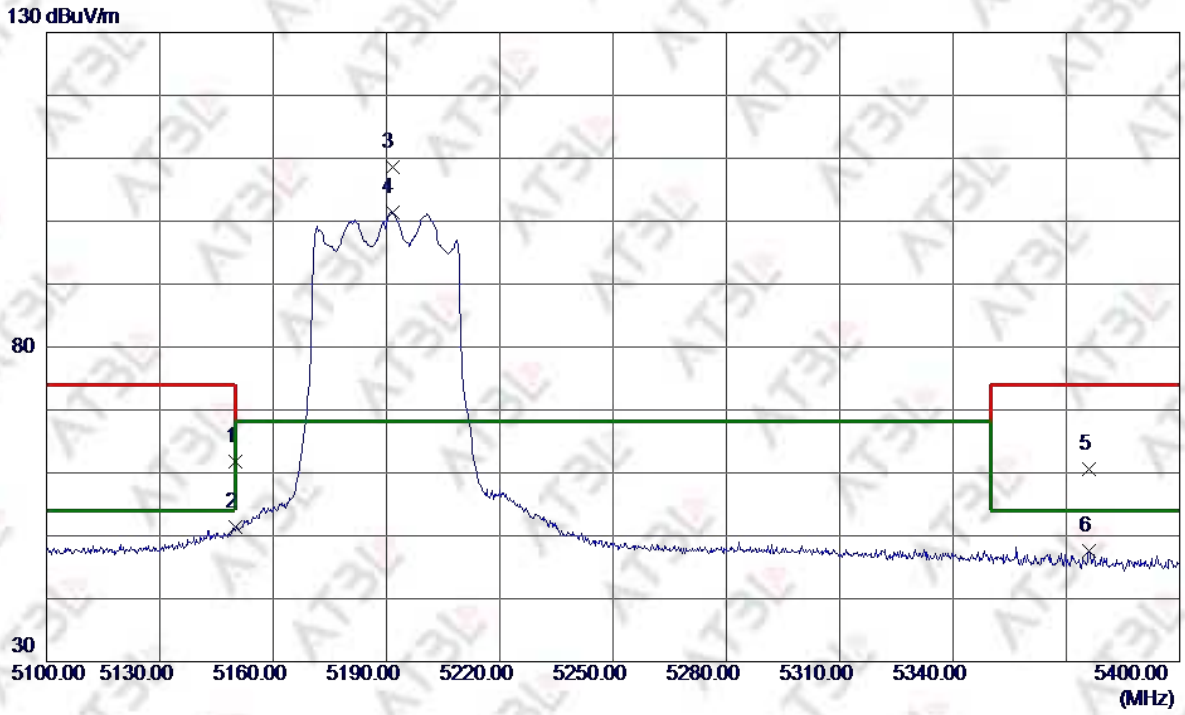
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11ax40

CH38_5190MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.12	37.65	61.77	74.00	-12.23	Peak	
2	5150.0000	13.71	37.65	51.36	54.00	-2.64	AVG	
3 *	5191.5000	70.88	37.68	108.56	68.20	40.36	Peak	No limit
4	5191.5000	63.67	37.68	101.35	68.20	33.15	AVG	No limit
5	5375.8500	22.66	37.95	60.61	74.00	-13.39	Peak	
6	5375.8500	9.68	37.95	47.63	54.00	-6.37	AVG	

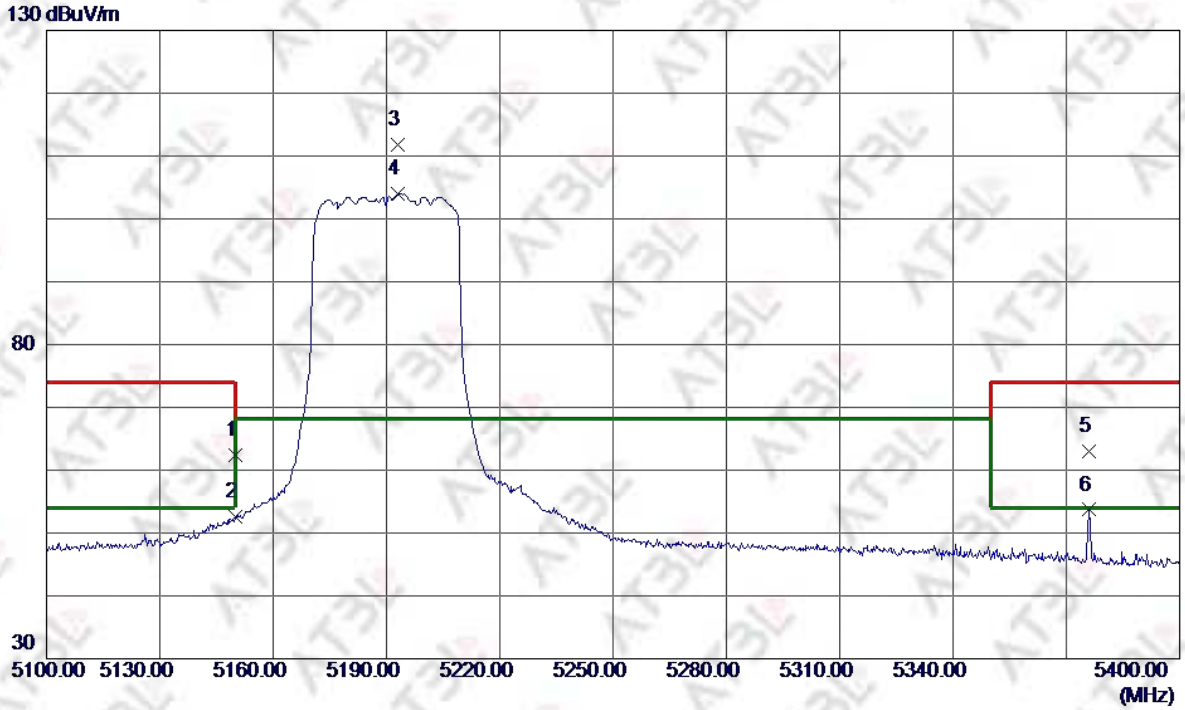
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH38_5190MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.77	37.65	62.42	74.00	-11.58	Peak	
2	5150.0000	14.90	37.65	52.55	54.00	-1.45	AVG	
3 *	5193.1500	74.19	37.68	111.87	68.20	43.67	Peak	No limit
4	5193.1500	66.38	37.68	104.06	68.20	35.86	AVG	No limit
5	5376.0000	25.05	37.95	63.00	74.00	-11.00	Peak	
6	5376.0000	15.75	37.95	53.70	54.00	-0.30	AVG	

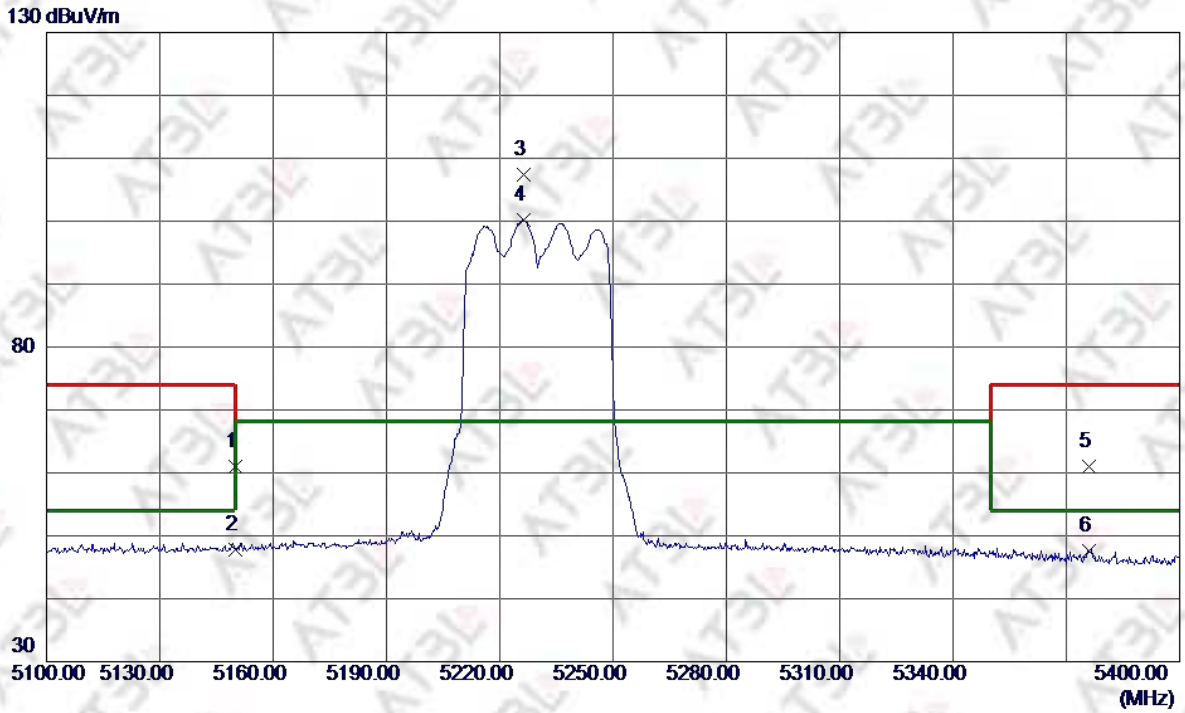
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH46_5230MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.37	37.65	61.02	74.00	-12.98	Peak	
2	5150.0000	10.17	37.65	47.82	54.00	-6.18	AVG	
3 *	5226.3000	69.71	37.72	107.43	68.20	39.23	Peak	No limit
4	5226.3000	62.51	37.72	100.23	68.20	32.03	AVG	No limit
5	5375.8500	22.96	37.95	60.91	74.00	-13.09	Peak	
6	5375.8500	9.56	37.95	47.51	54.00	-6.49	AVG	

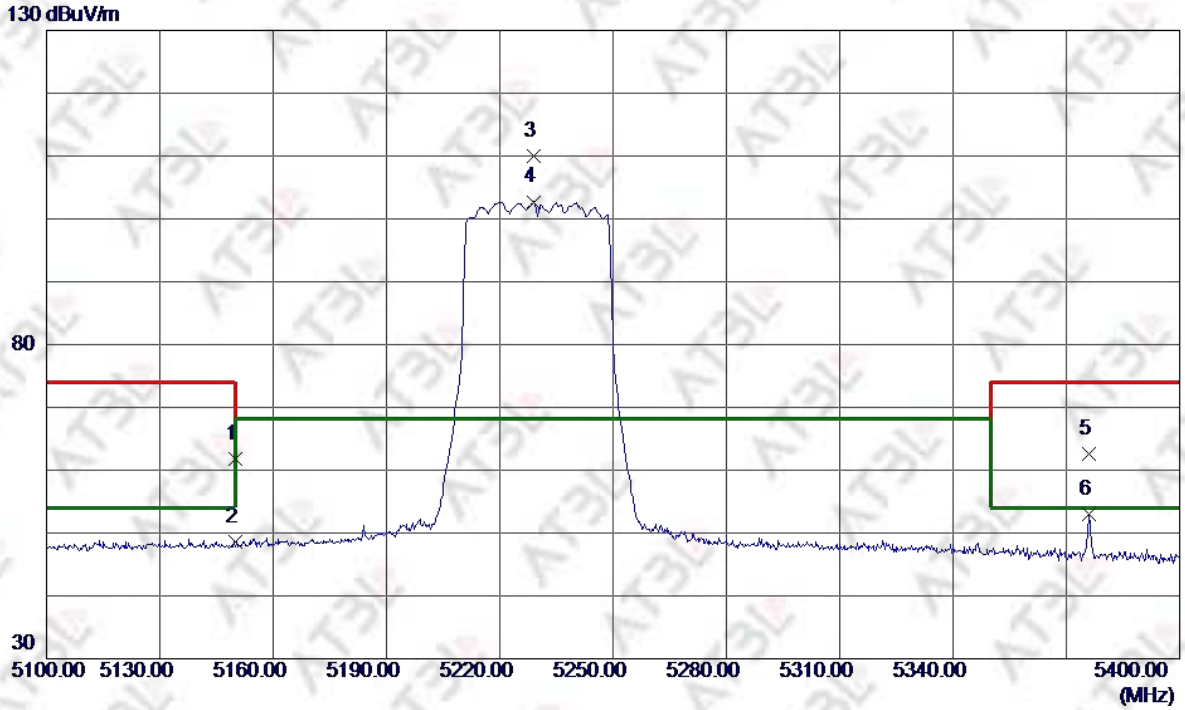
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH46_5230MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	24.15	37.65	61.80	74.00	-12.20	Peak	
2	5150.0000	10.95	37.65	48.60	54.00	-5.40	AVG	
3 *	5229.0000	72.22	37.73	109.95	68.20	41.75	Peak	No limit
4	5229.0000	64.97	37.73	102.70	68.20	34.50	AVG	No limit
5	5375.8500	24.68	37.95	62.63	74.00	-11.37	Peak	
6	5375.8500	15.07	37.95	53.02	54.00	-0.98	AVG	

REMARKS:

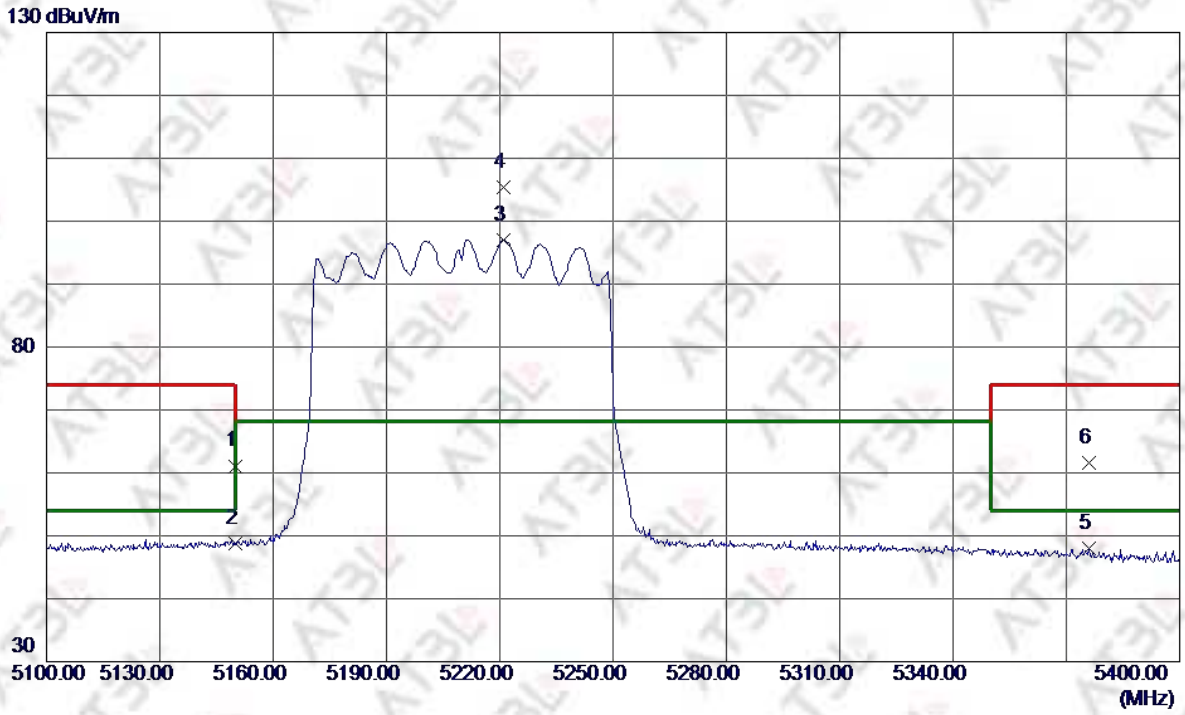
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11ax80

CH42_5210MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.45	37.65	61.10	74.00	-12.90	Peak	
2	5150.0000	11.10	37.65	48.75	74.00	-25.25	Peak	
3	5220.9000	59.30	37.71	97.01	68.20	28.81	Peak	No limit
4 *	5220.9000	67.72	37.71	105.43	68.20	37.23	Peak	No limit
5	5375.8500	10.09	37.95	48.04	74.00	-25.96	Peak	
6	5375.8500	23.70	37.95	61.65	74.00	-12.35	Peak	

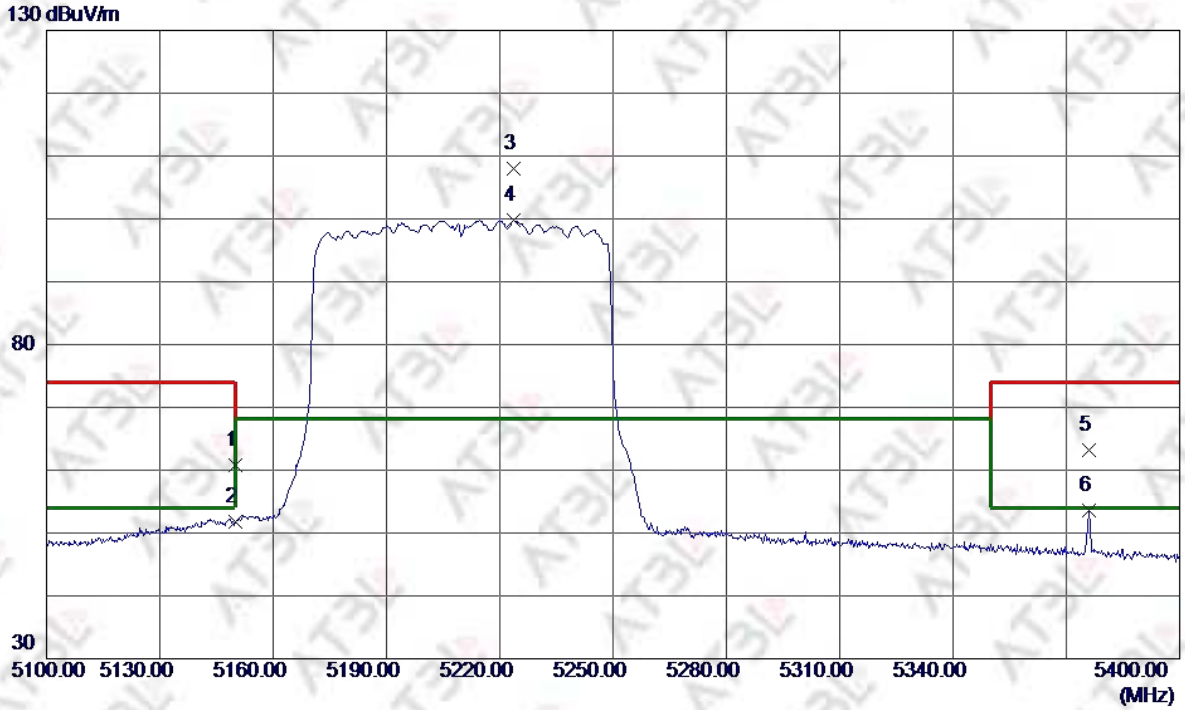
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH42_5210MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5150.0000	23.10	37.65	60.75	74.00	-13.25	Peak	
2	5150.0000	14.07	37.65	51.72	54.00	-2.28	AVG	
3 *	5223.7500	70.26	37.72	107.98	68.20	39.78	Peak	No limit
4	5223.7500	62.06	37.72	99.78	68.20	31.58	AVG	No limit
5	5375.8500	25.32	37.95	63.27	74.00	-10.73	Peak	
6	5375.8500	15.62	37.95	53.57	54.00	-0.43	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

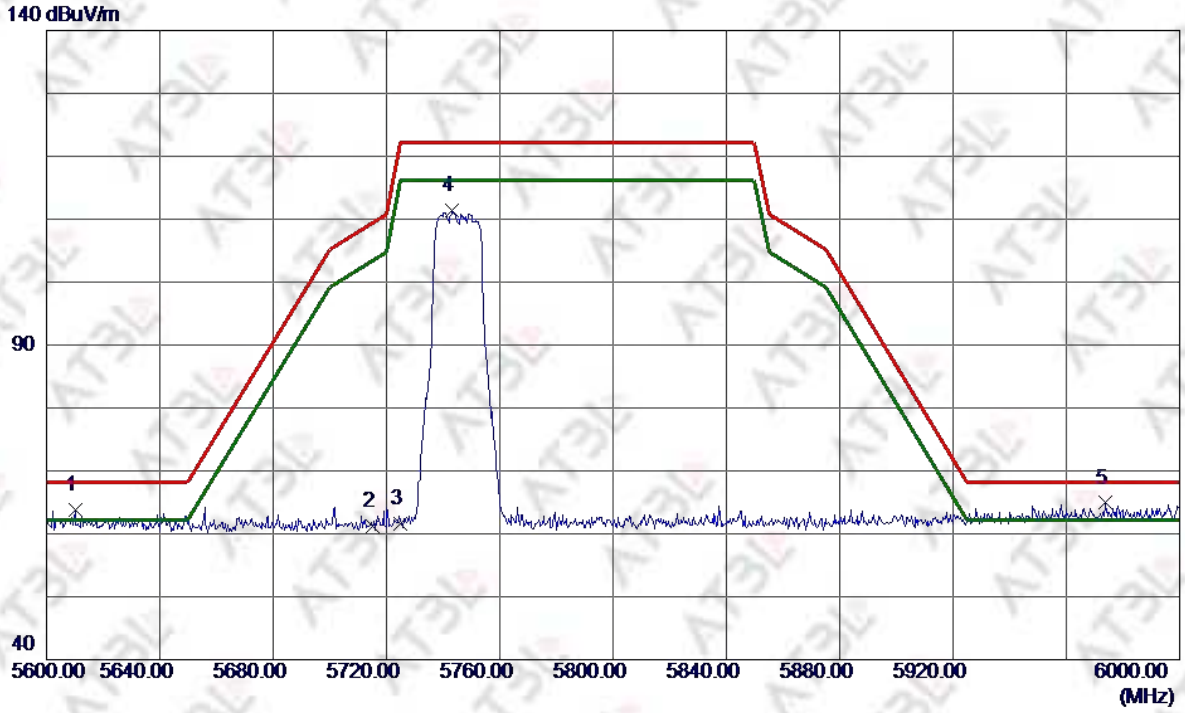
(2) Margin Level = Measurement Value - Limit Value.

5725MHz-5850MHz

802.11a

CH149_5745MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5610.2000	25.44	38.37	63.81	68.20	-4.39	Peak	
2	5715.0000	22.59	38.55	61.14	109.40	-48.26	Peak	
3	5725.0000	22.98	38.56	61.54	122.20	-60.66	Peak	
4	5743.2000	72.75	38.59	111.34	122.20	-10.86	Peak	
5 *	5973.8000	25.79	39.11	64.90	68.20	-3.30	Peak	

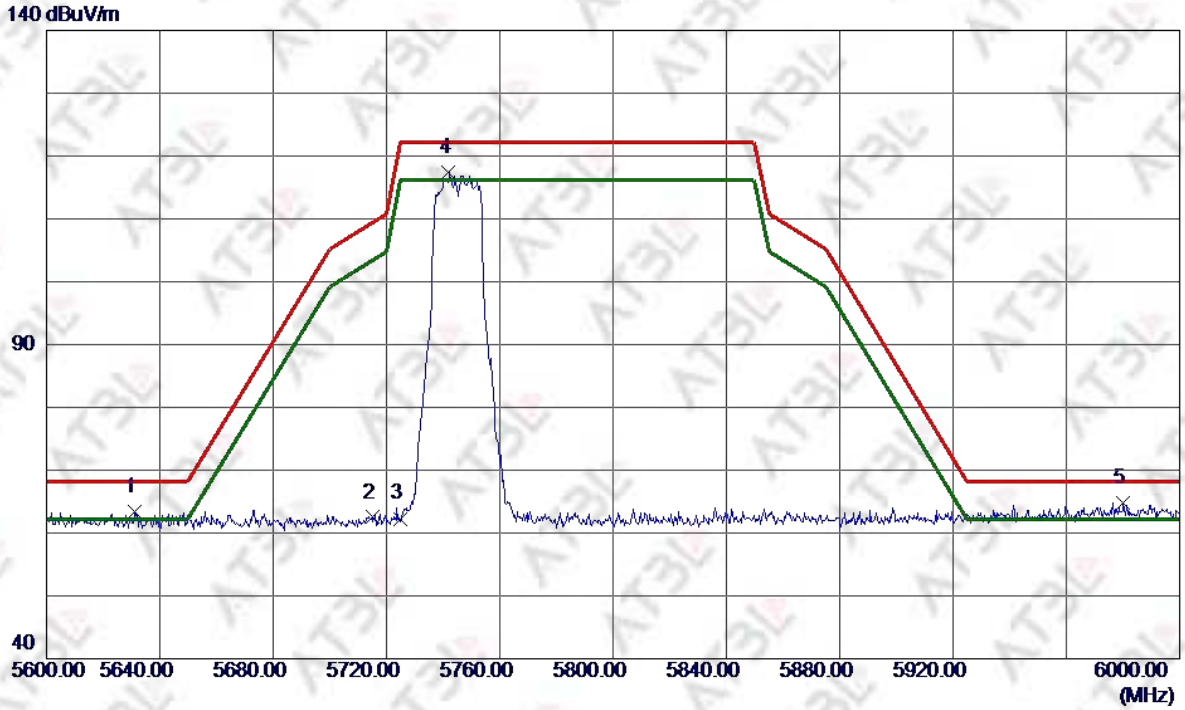
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH149_5745MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5631.2000	25.05	38.41	63.46	68.20	-4.74	Peak	
2	5715.0000	23.95	38.55	62.50	109.40	-46.90	Peak	
3	5725.0000	23.74	38.56	62.30	122.20	-59.90	Peak	
4	5742.0000	78.81	38.59	117.40	122.20	-4.80	Peak	
5 *	5980.0000	25.73	39.13	64.86	68.20	-3.34	Peak	

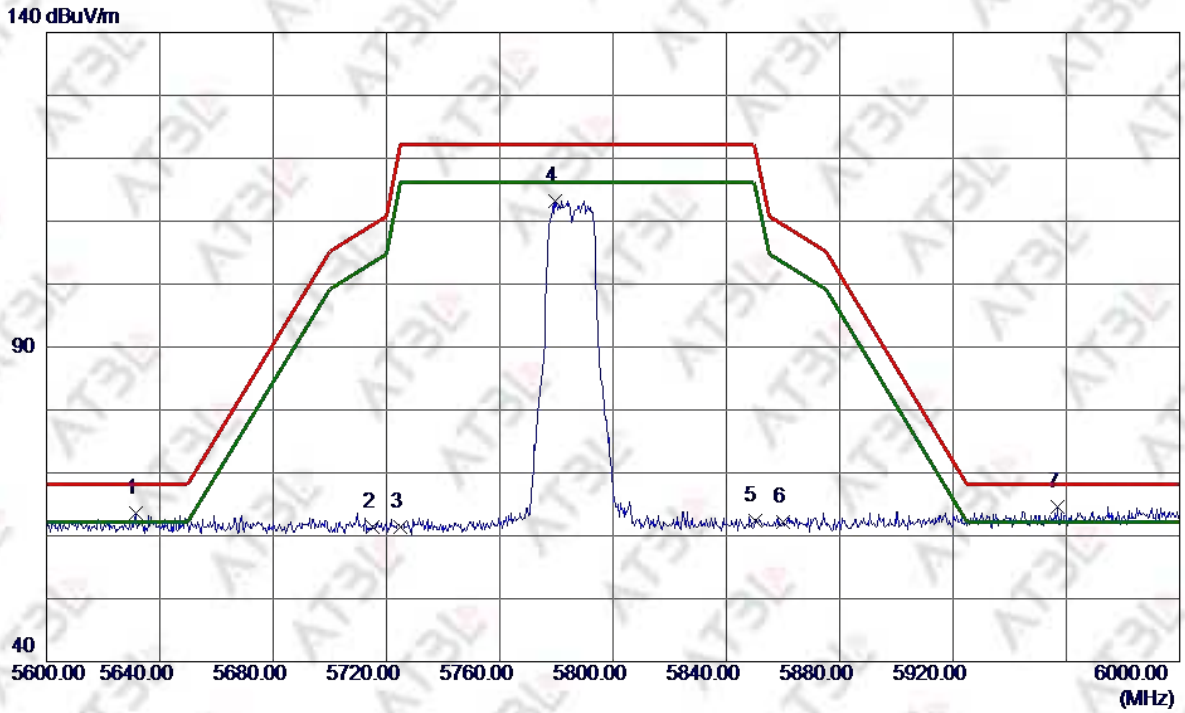
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH157_5785MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5631.4000	25.14	38.41	63.55	68.20	-4.65	Peak	
2	5715.0000	22.86	38.55	61.41	109.40	-47.99	Peak	
3	5725.0000	22.88	38.56	61.44	122.20	-60.76	Peak	
4	5779.6000	74.64	38.65	113.29	122.20	-8.91	Peak	
5	5850.0000	23.63	38.81	62.44	122.20	-59.76	Peak	
6	5860.0000	23.30	38.83	62.13	109.40	-47.27	Peak	
7 *	5957.0000	25.50	39.07	64.57	68.20	-3.63	Peak	

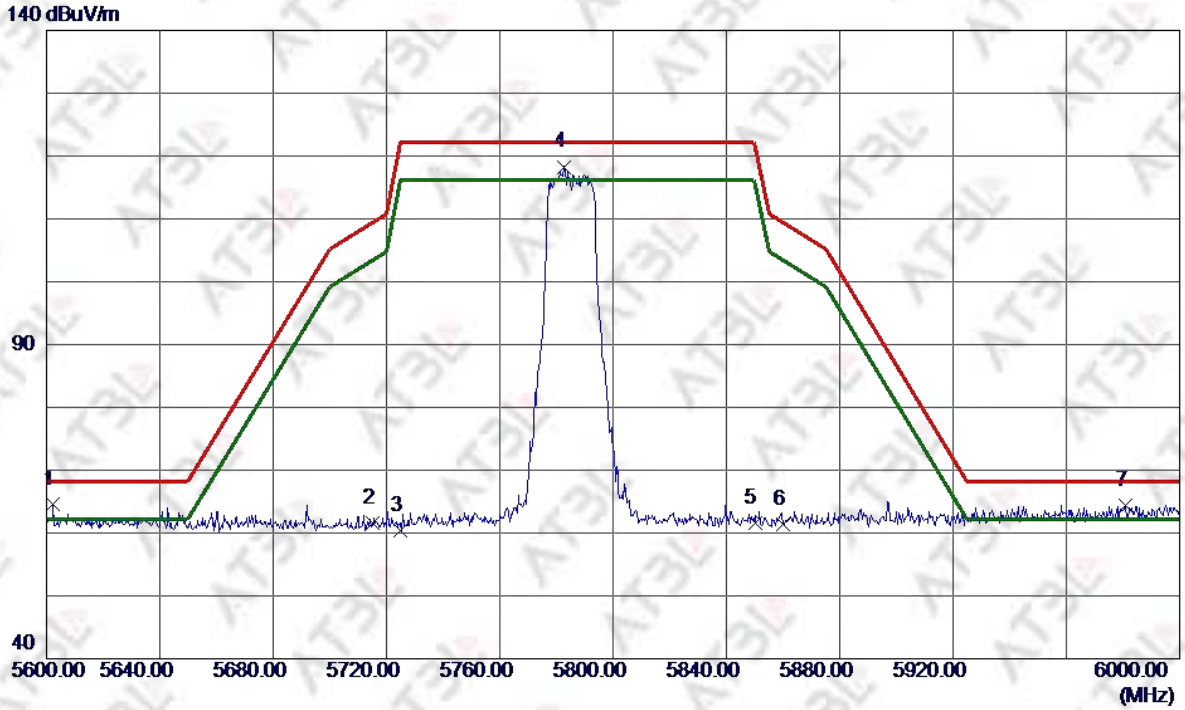
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH157_5785MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	5602.4000	26.32	38.36	64.68	68.20	-3.52	Peak	
2	5715.0000	22.98	38.55	61.53	109.40	-47.87	Peak	
3	5725.0000	21.92	38.56	60.48	122.20	-61.72	Peak	
4	5782.6000	79.64	38.66	118.30	122.20	-3.90	Peak	
5	5850.0000	22.79	38.81	61.60	122.20	-60.60	Peak	
6	5860.0000	22.53	38.83	61.36	109.40	-48.04	Peak	
7	5980.8000	25.33	39.13	64.46	68.20	-3.74	Peak	

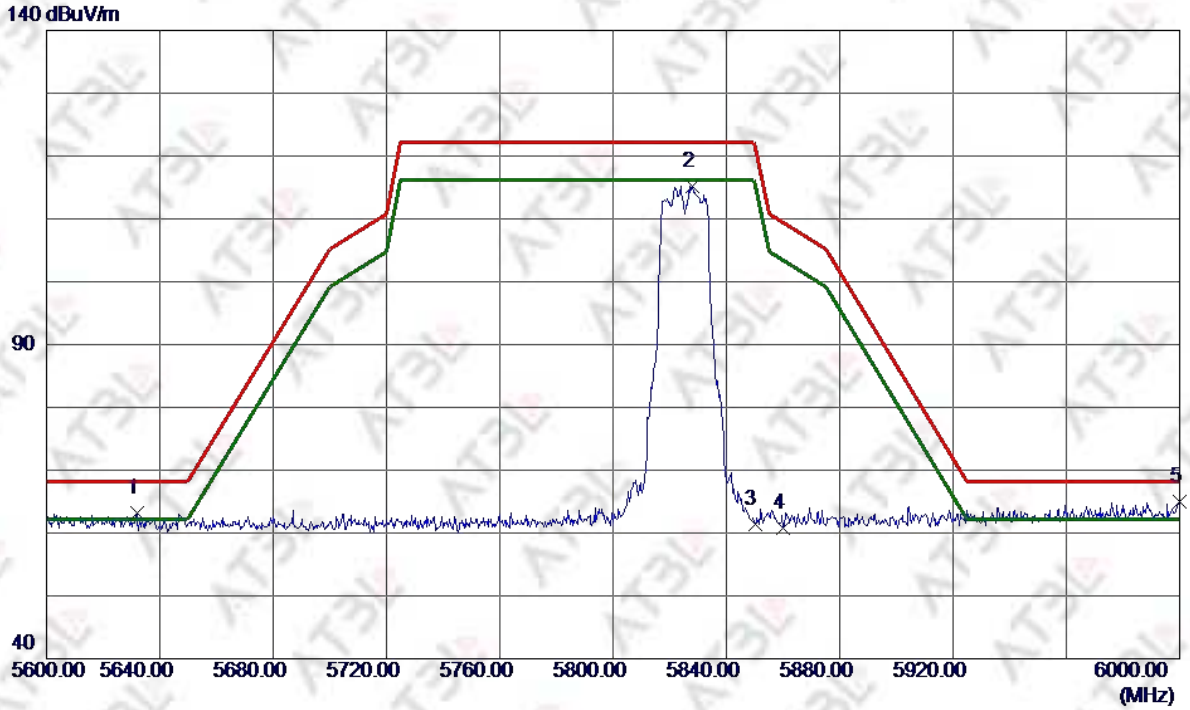
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH165_5825MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5631.8000	24.75	38.41	63.16	68.20	-5.04	Peak	
2	5827.8000	76.54	38.75	115.29	122.20	-6.91	Peak	
3	5850.0000	22.62	38.81	61.43	122.20	-60.77	Peak	
4	5860.0000	22.06	38.83	60.89	109.40	-48.51	Peak	
5 *	5999.8000	25.91	39.18	65.09	68.20	-3.11	Peak	

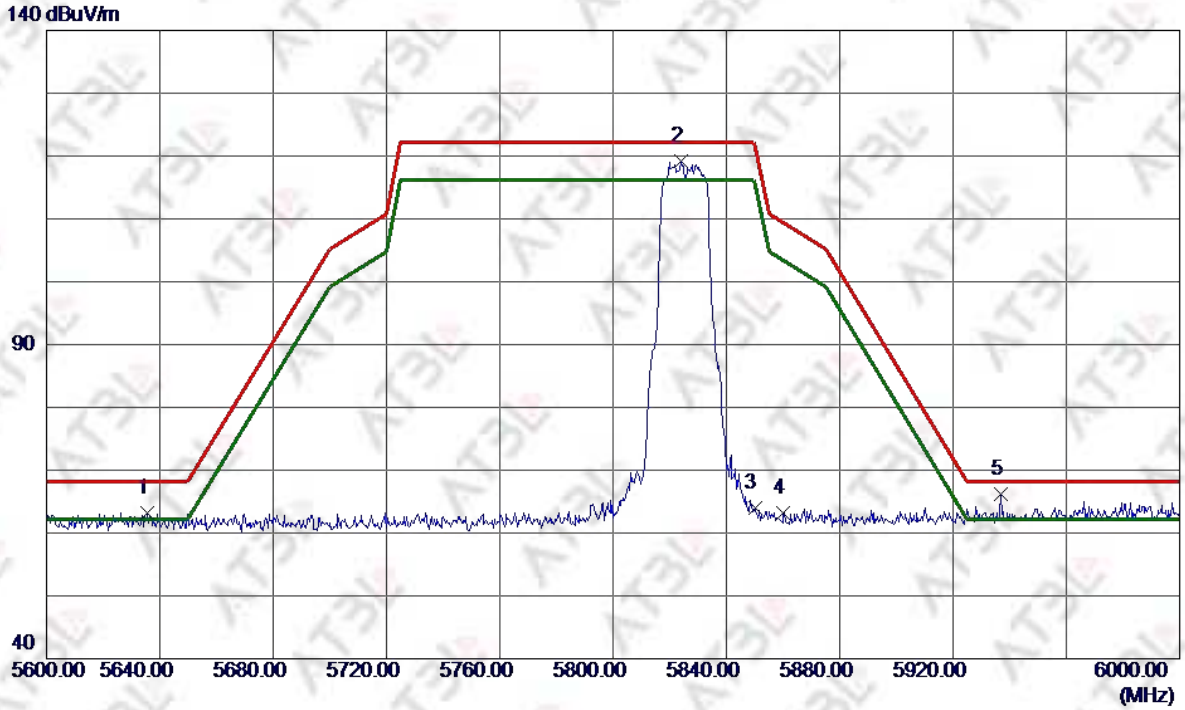
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH165_5825MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5635.4000	24.77	38.42	63.19	68.20	-5.01	Peak	
2	5823.8000	80.48	38.74	119.22	122.20	-2.98	Peak	
3	5850.0000	25.25	38.81	64.06	122.20	-58.14	Peak	
4	5860.0000	24.43	38.83	63.26	109.40	-46.14	Peak	
5 *	5936.8000	27.26	39.02	66.28	68.20	-1.92	Peak	

REMARKS:

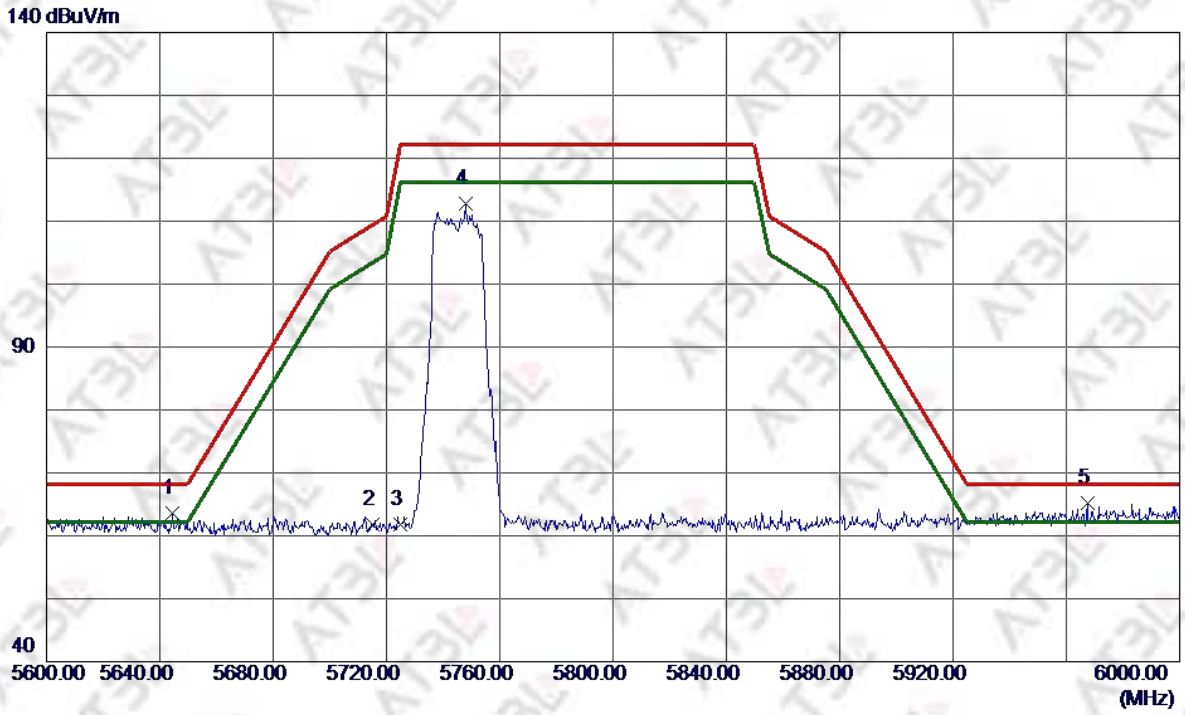
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11n20

CH149_5745MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5644.4000	25.11	38.43	63.54	68.20	-4.66	Peak	
2	5715.0000	23.22	38.55	61.77	109.40	-47.63	Peak	
3	5725.0000	23.23	38.56	61.79	122.20	-60.41	Peak	
4	5747.8000	74.17	38.60	112.77	122.20	-9.43	Peak	
5 *	5967.4000	26.04	39.10	65.14	68.20	-3.06	Peak	

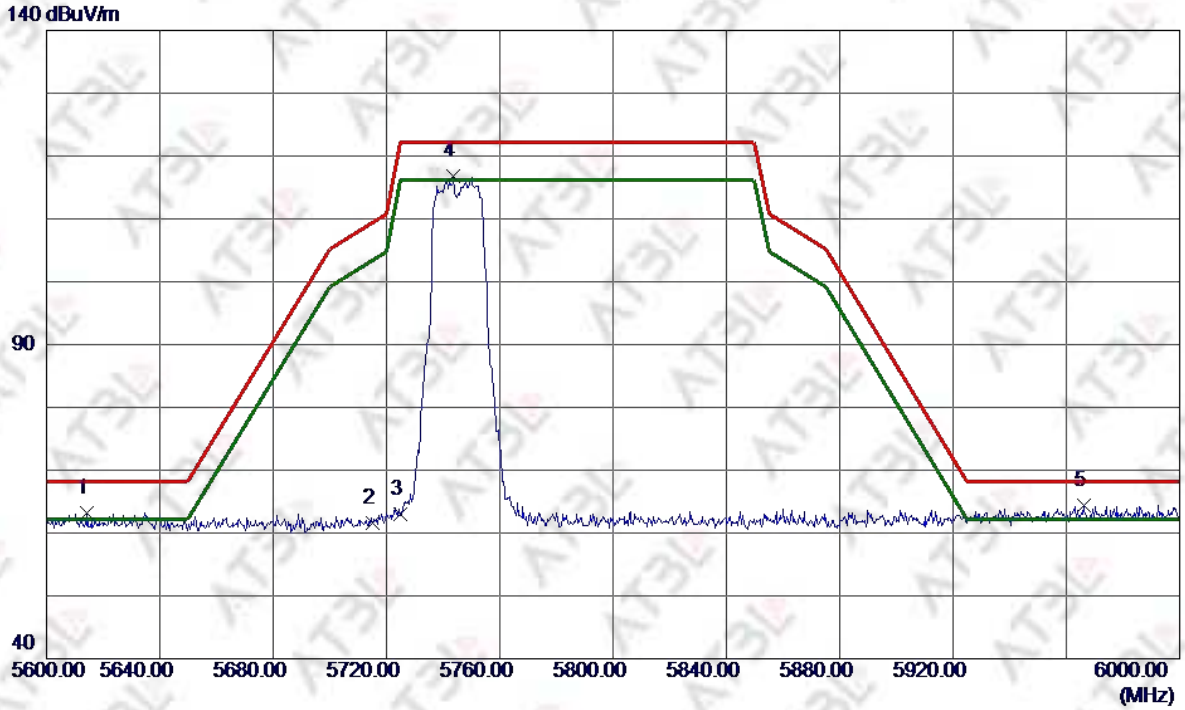
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH149_5745MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5614.4000	24.89	38.38	63.27	68.20	-4.93	Peak	
2	5715.0000	23.03	38.55	61.58	109.40	-47.82	Peak	
3	5725.0000	24.39	38.56	62.95	122.20	-59.25	Peak	
4	5743.6000	78.25	38.59	116.84	122.20	-5.36	Peak	
5 *	5966.2000	25.34	39.10	64.44	68.20	-3.76	Peak	

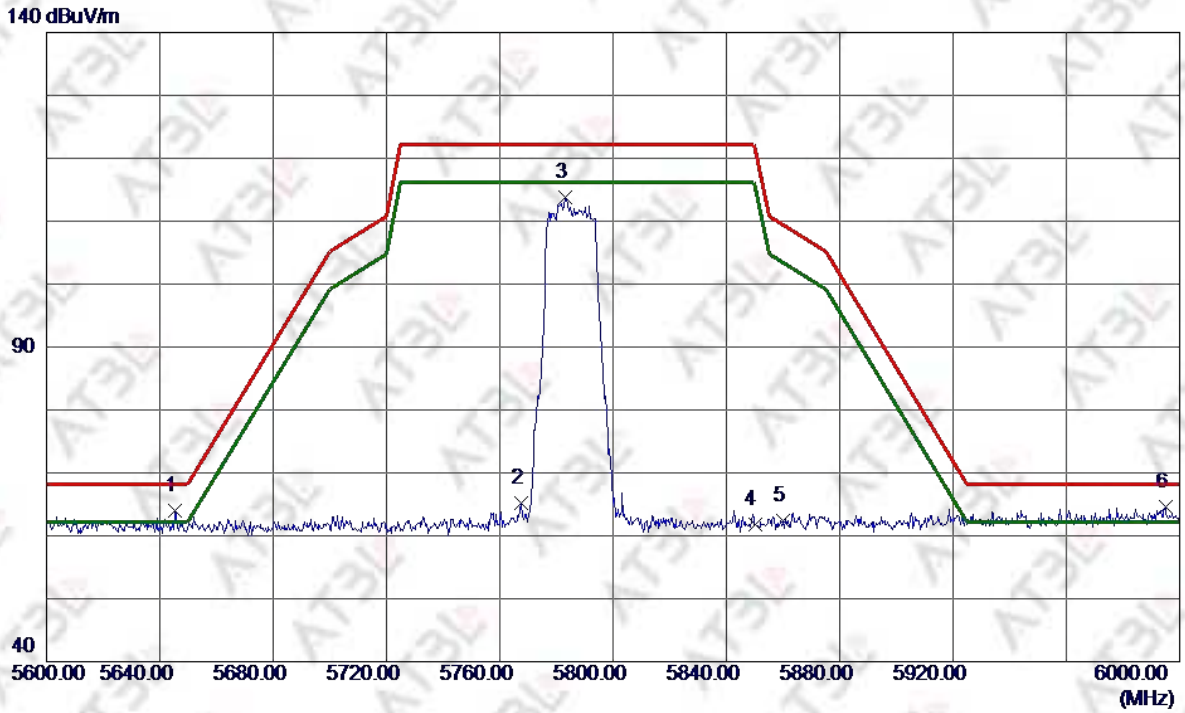
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH157_5785MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5645.4000	25.50	38.43	63.93	68.20	-4.27	Peak	
2	5767.4000	26.56	38.63	65.19	122.20	-57.01	Peak	
3	5783.2000	75.09	38.66	113.75	122.20	-8.45	Peak	
4	5850.0000	23.02	38.81	61.83	122.20	-60.37	Peak	
5	5860.0000	23.65	38.83	62.48	109.40	-46.92	Peak	
6 *	5995.0000	25.49	39.17	64.66	68.20	-3.54	Peak	

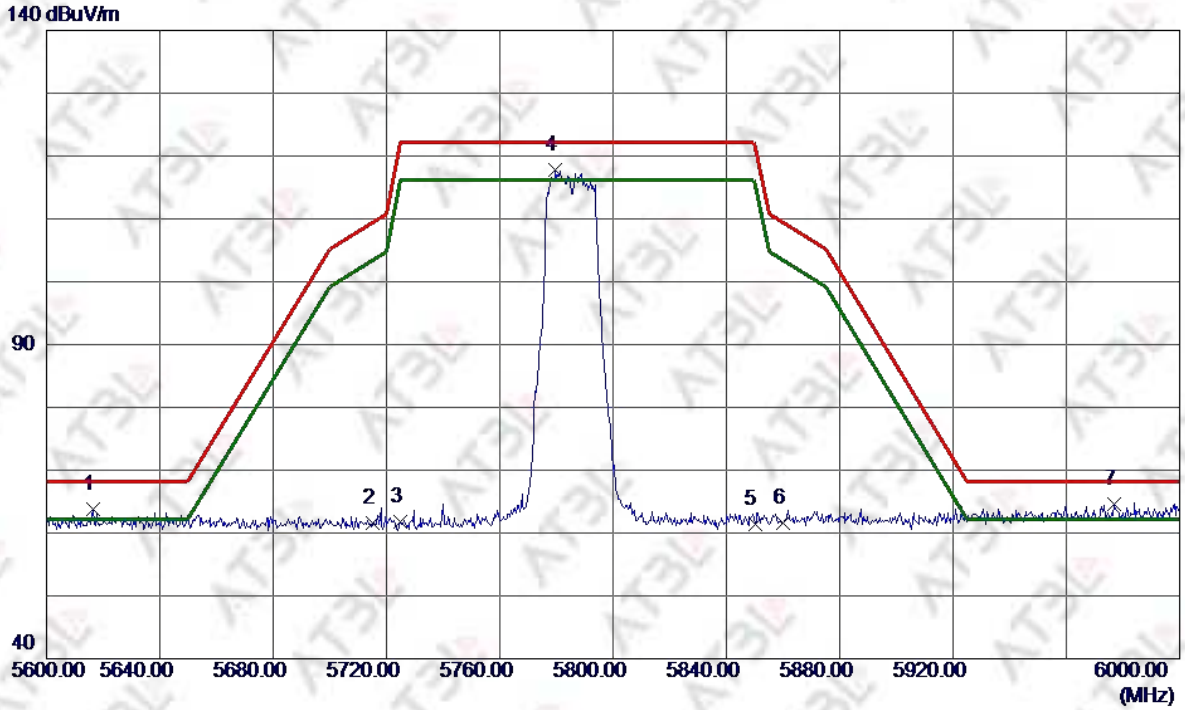
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH157_5785MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5616.4000	25.44	38.38	63.82	68.20	-4.38	Peak	
2	5715.0000	23.09	38.55	61.64	109.40	-47.76	Peak	
3	5725.0000	23.22	38.56	61.78	122.20	-60.42	Peak	
4	5779.6000	79.18	38.65	117.83	122.20	-4.37	Peak	
5	5850.0000	22.55	38.81	61.36	122.20	-60.84	Peak	
6	5860.0000	22.80	38.83	61.63	109.40	-47.77	Peak	
7 *	5976.8000	25.56	39.12	64.68	68.20	-3.52	Peak	

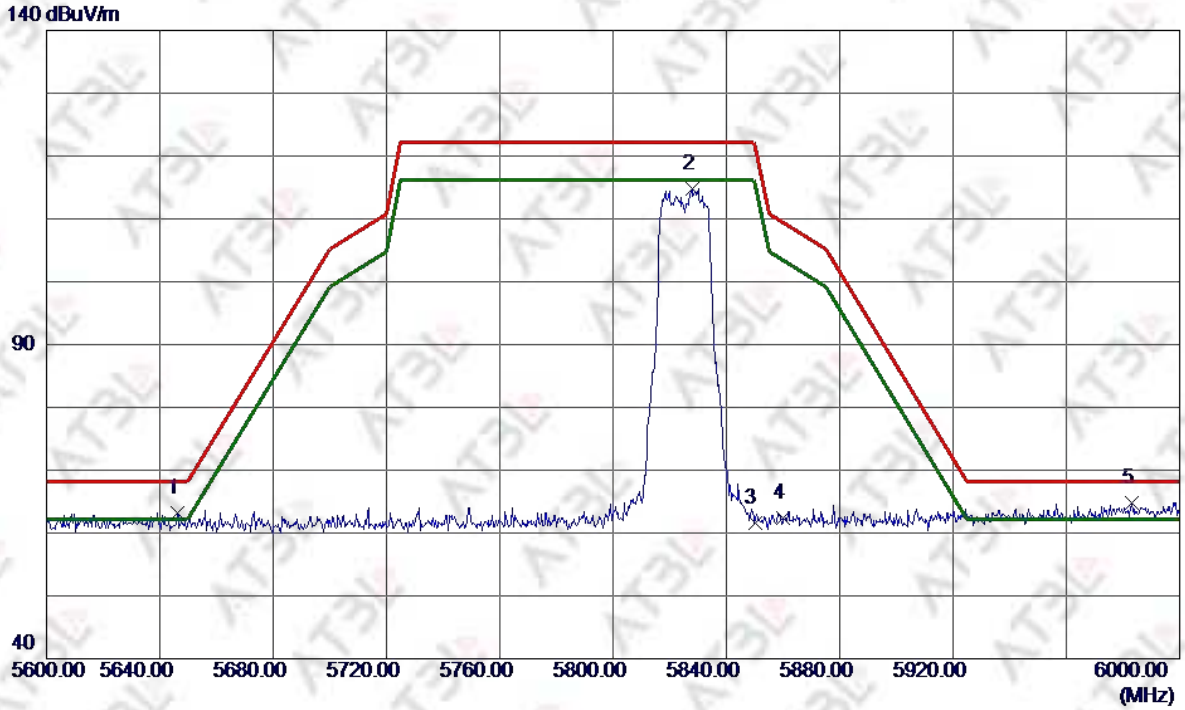
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH165_5825MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5646.2000	24.84	38.43	63.27	68.20	-4.93	Peak	
2	5827.8000	76.05	38.75	114.80	122.20	-7.40	Peak	
3	5850.0000	22.88	38.81	61.69	122.20	-60.51	Peak	
4	5860.0000	23.49	38.83	62.32	109.40	-47.08	Peak	
5 *	5983.0000	25.64	39.14	64.78	68.20	-3.42	Peak	

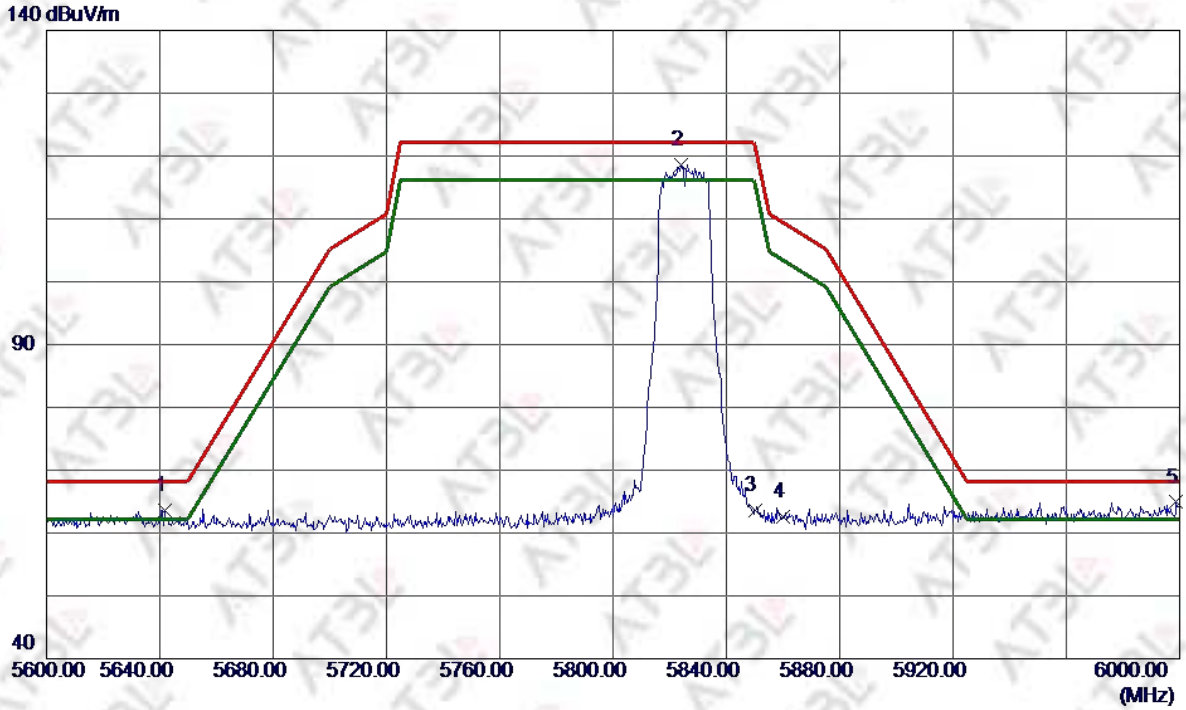
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH165_5825MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5641.8000	25.21	38.43	63.64	68.20	-4.56	Peak	
2	5824.2000	79.85	38.74	118.59	122.20	-3.61	Peak	
3	5850.0000	24.83	38.81	63.64	122.20	-58.56	Peak	
4	5860.0000	23.72	38.83	62.55	109.40	-46.85	Peak	
5 *	5998.8000	25.72	39.18	64.90	68.20	-3.30	Peak	

REMARKS:

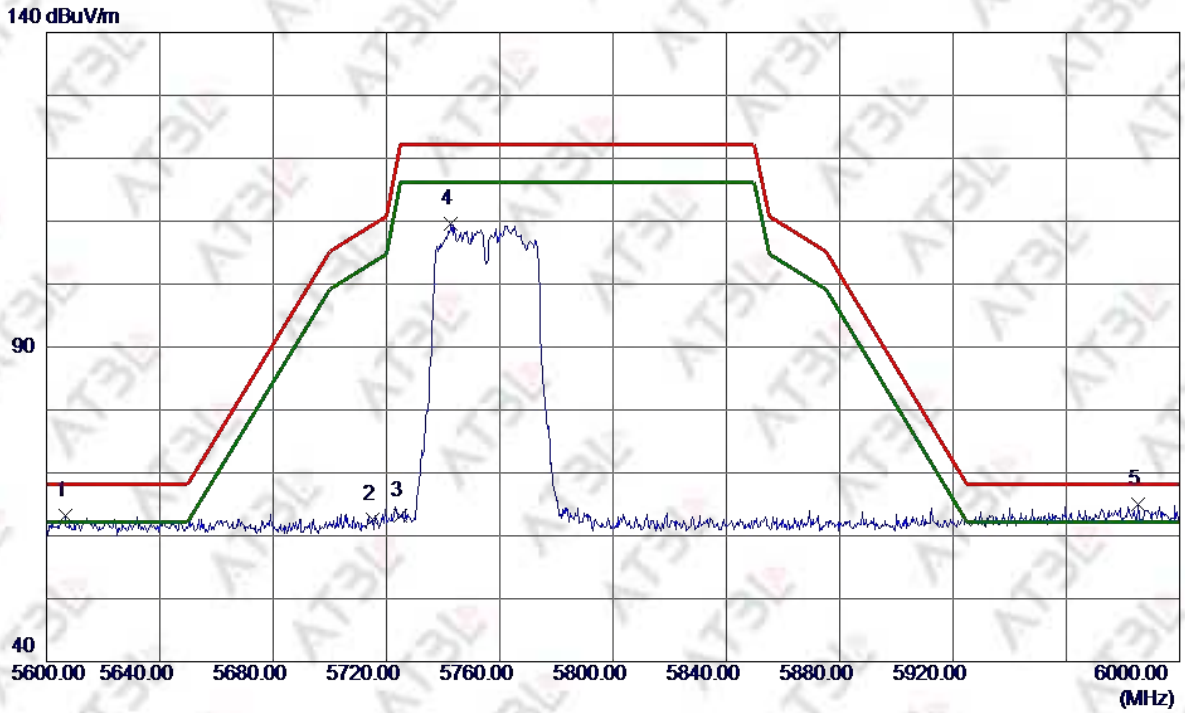
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11n40

CH151_5755MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5606.6000	24.91	38.37	63.28	68.20	-4.92	Peak	
2	5715.0000	24.04	38.55	62.59	109.40	-46.81	Peak	
3	5725.0000	24.56	38.56	63.12	122.20	-59.08	Peak	
4	5742.8000	70.95	38.59	109.54	122.20	-12.66	Peak	
5 *	5985.2000	25.77	39.14	64.91	68.20	-3.29	Peak	

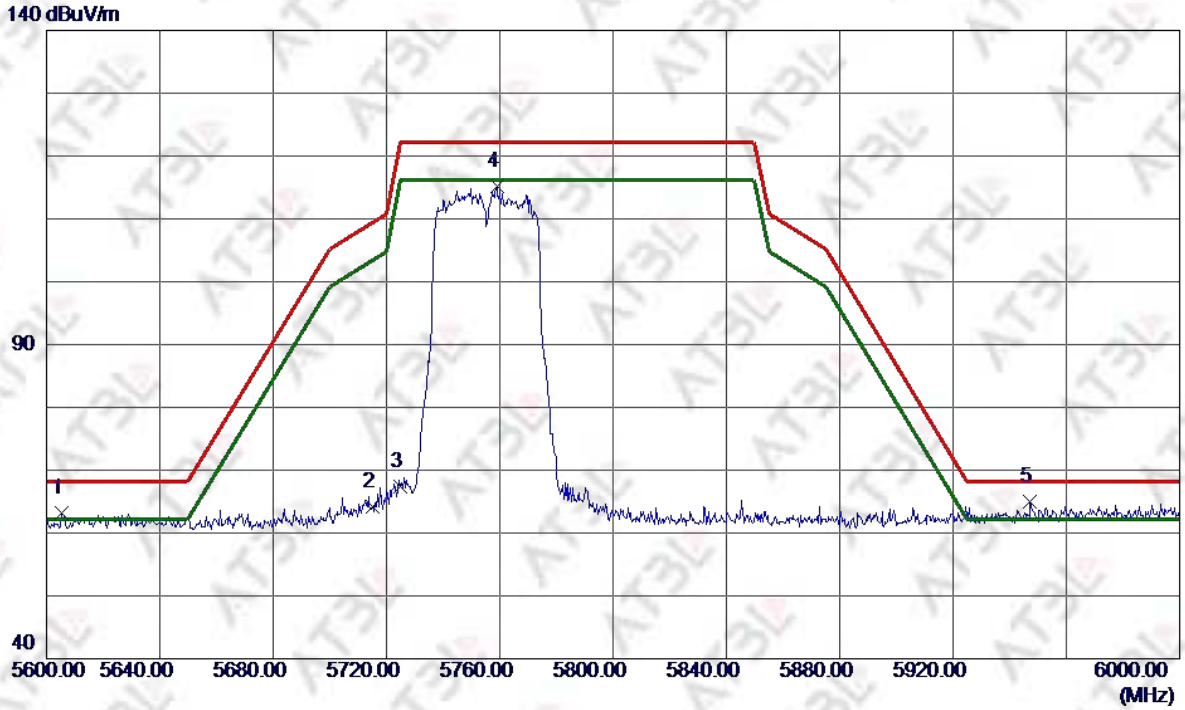
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH151_5755MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5605.4000	24.79	38.37	63.16	68.20	-5.04	Peak	
2	5715.0000	25.59	38.55	64.14	109.40	-45.26	Peak	
3	5725.0000	28.88	38.56	67.44	122.20	-54.76	Peak	
4	5759.0000	76.55	38.62	115.17	122.20	-7.03	Peak	
5 *	5947.2000	26.03	39.05	65.08	68.20	-3.12	Peak	

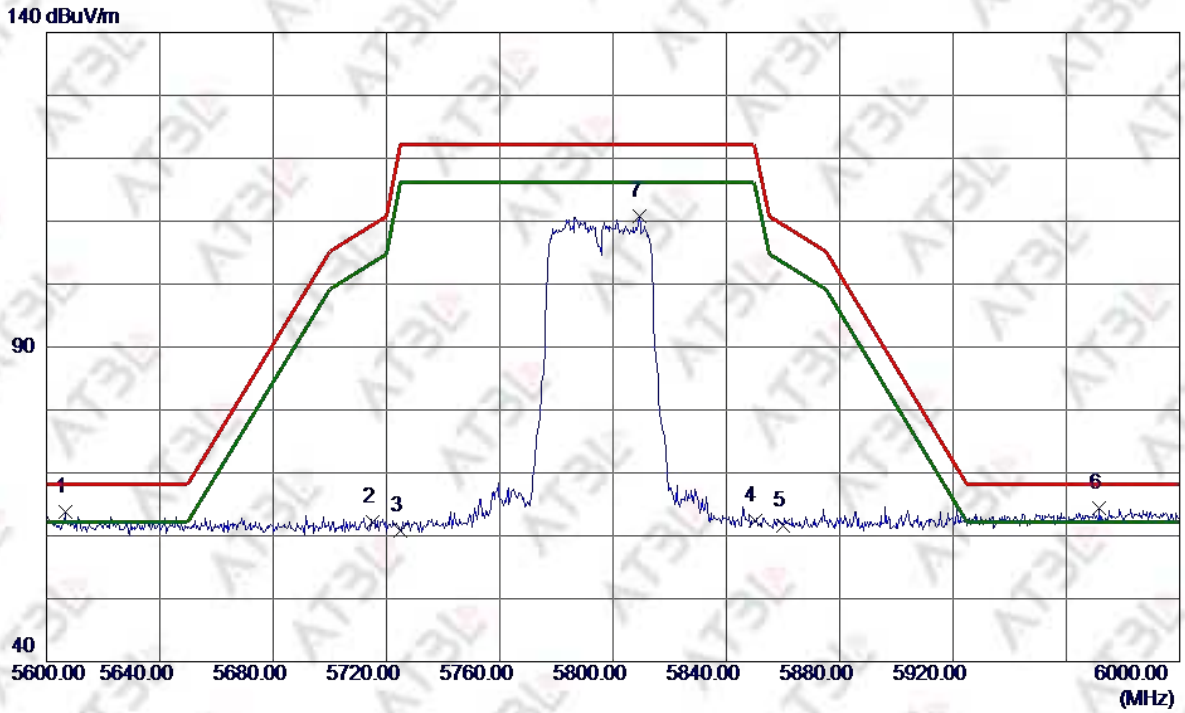
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH159_5795MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5606.6000	25.38	38.37	63.75	68.20	-4.45	Peak	
2	5715.0000	23.64	38.55	62.19	109.40	-47.21	Peak	
3	5725.0000	22.19	38.56	60.75	122.20	-61.45	Peak	
4	5850.0000	23.64	38.81	62.45	122.20	-59.75	Peak	
5	5860.0000	22.80	38.83	61.63	109.40	-47.77	Peak	
6 *	5971.6000	25.36	39.11	64.47	68.20	-3.73	Peak	
7	5809.2000	72.02	38.71	110.73	122.20	-11.47	Peak	

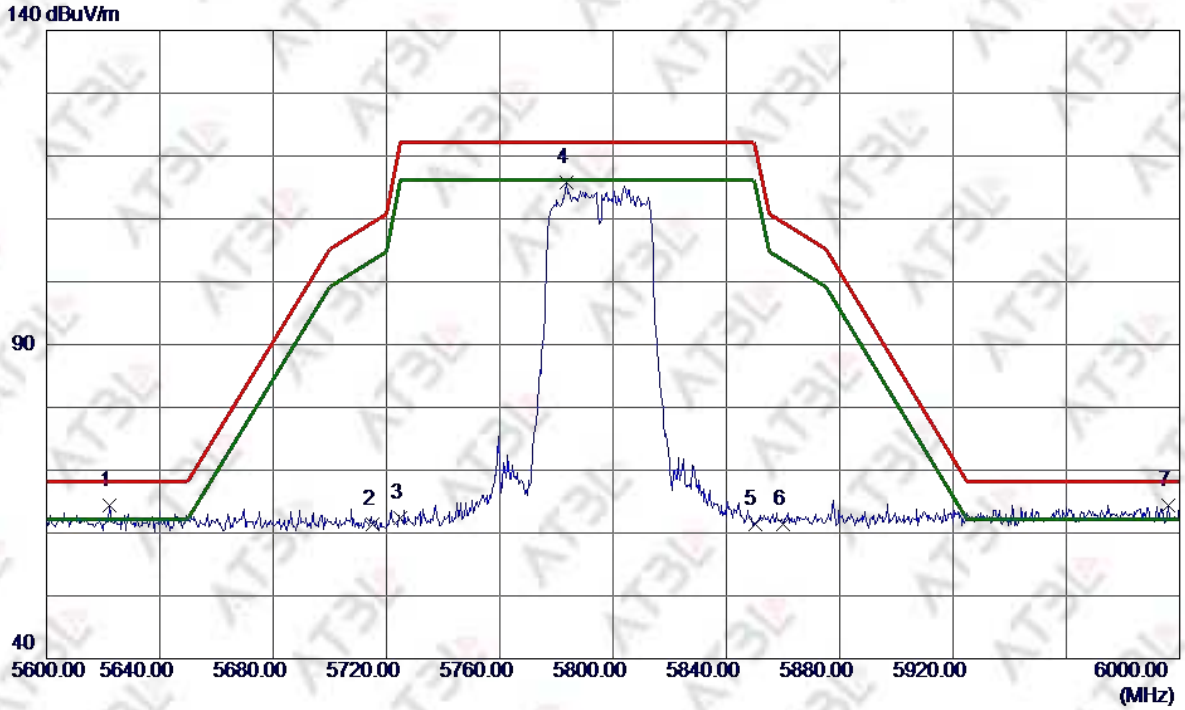
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH159_5795MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5622.2000	25.97	38.39	64.36	68.20	-3.84	Peak	
2	5715.0000	22.86	38.55	61.41	109.40	-47.99	Peak	
3	5725.0000	23.75	38.56	62.31	122.20	-59.89	Peak	
4	5783.6000	77.07	38.66	115.73	122.20	-6.47	Peak	
5	5850.0000	22.57	38.81	61.38	122.20	-60.82	Peak	
6	5860.0000	22.60	38.83	61.43	109.40	-47.97	Peak	
7 *	5995.8000	25.30	39.17	64.47	68.20	-3.73	Peak	

REMARKS:

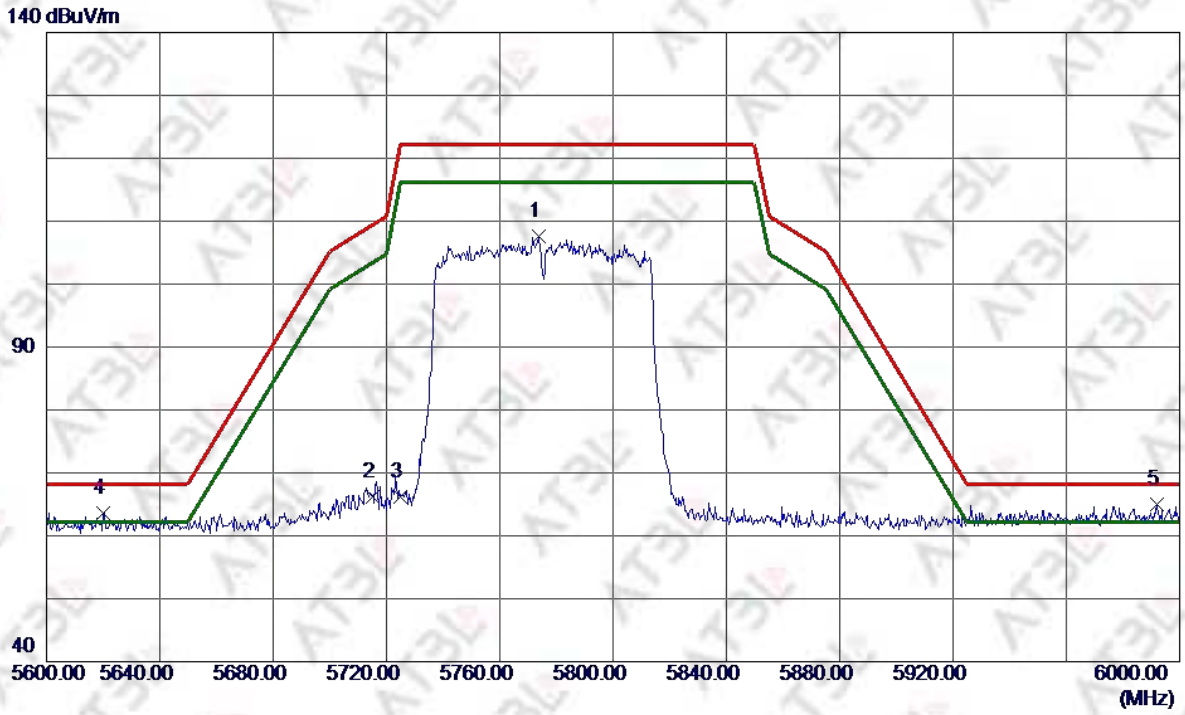
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11ac80

CH155_5775MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5773.6000	68.99	38.64	107.63	122.20	-14.57	Peak	
2	5715.0000	27.70	38.55	66.25	109.40	-43.15	Peak	
3	5725.0000	27.65	38.56	66.21	122.20	-55.99	Peak	
4	5620.2000	25.23	38.39	63.62	68.20	-4.58	Peak	
5 *	5991.8000	25.75	39.16	64.91	68.20	-3.29	Peak	

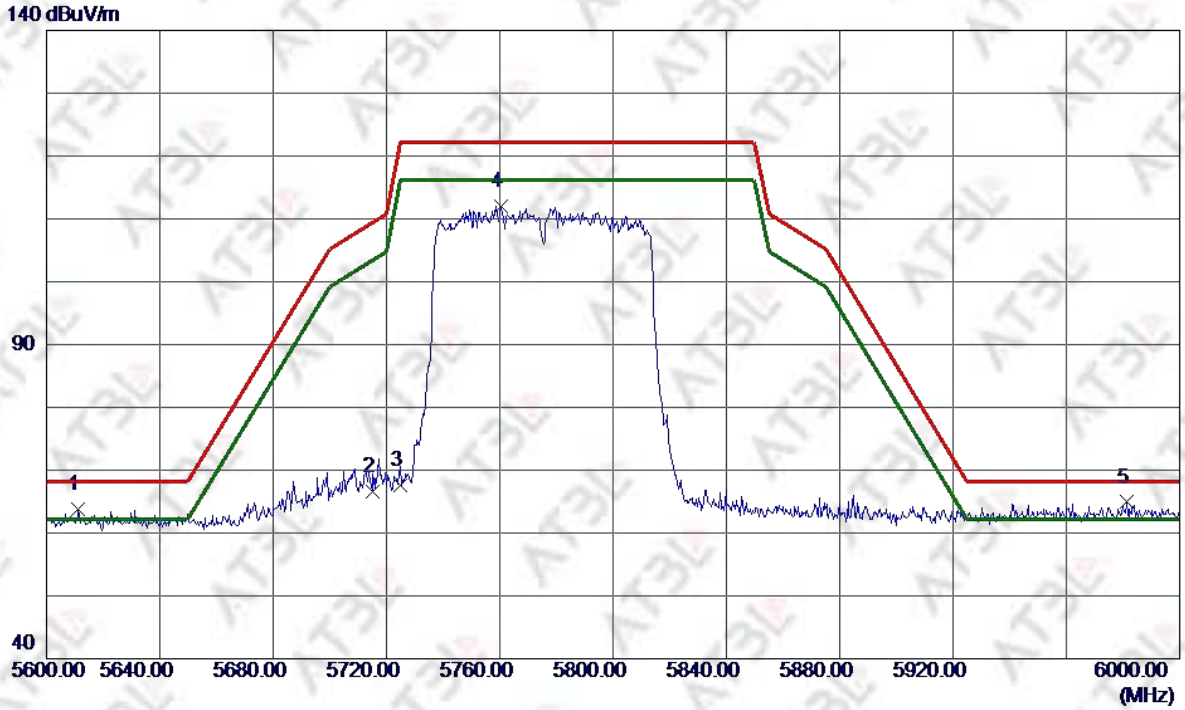
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH155_5775MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5611.2000	25.44	38.38	63.82	68.20	-4.38	Peak	
2	5715.0000	28.10	38.55	66.65	109.40	-42.75	Peak	
3	5725.0000	28.98	38.56	67.54	122.20	-54.66	Peak	
4	5760.6000	73.46	38.62	112.08	122.20	-10.12	Peak	
5 *	5981.4000	25.77	39.13	64.90	68.20	-3.30	Peak	

REMARKS:

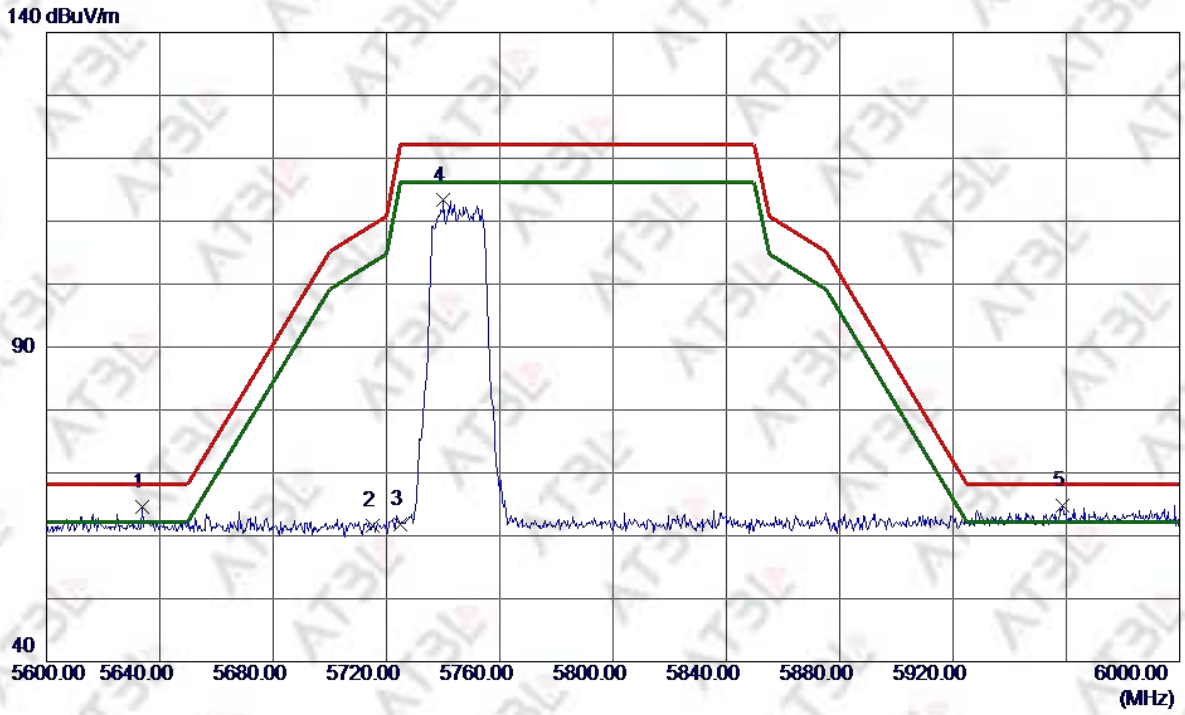
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11ax20

CH149_5745MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5633.6000	26.17	38.41	64.58	68.20	-3.62	Peak	
2	5715.0000	23.01	38.55	61.56	109.40	-47.84	Peak	
3	5725.0000	23.29	38.56	61.85	122.20	-60.35	Peak	
4	5740.2000	74.71	38.59	113.30	122.20	-8.90	Peak	
5 *	5958.8000	25.74	39.08	64.82	68.20	-3.38	Peak	

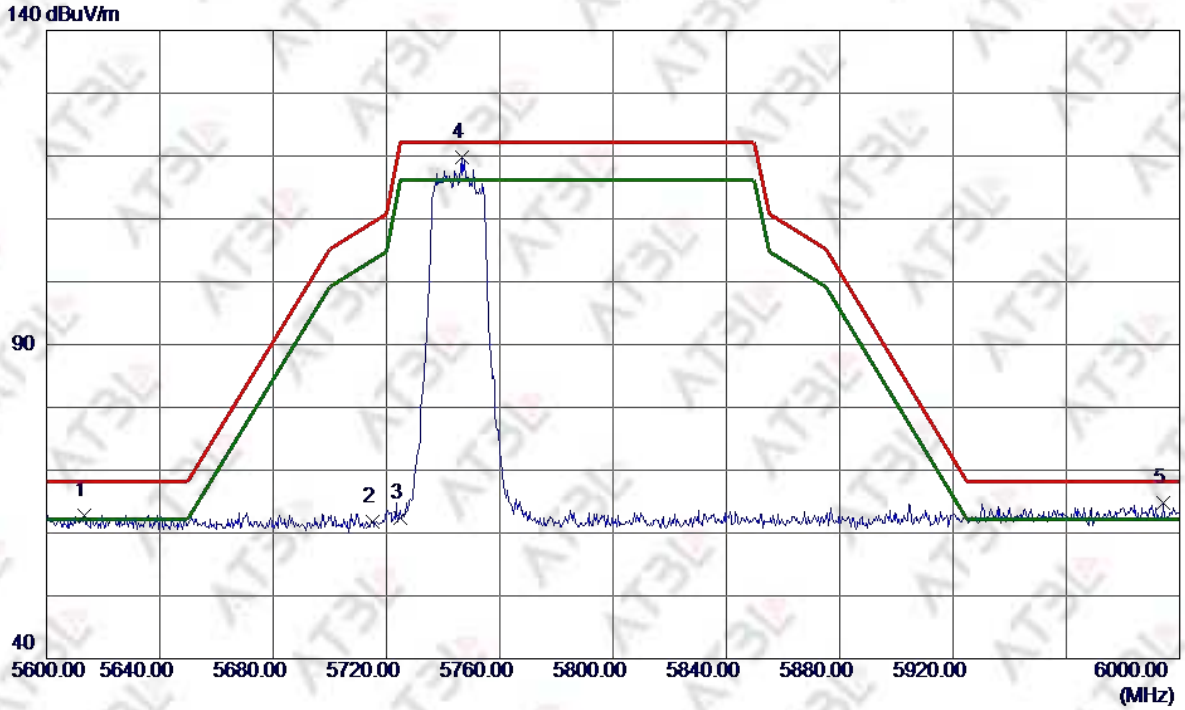
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH149_5745MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5613.4000	24.49	38.38	62.87	68.20	-5.33	Peak	
2	5715.0000	23.22	38.55	61.77	109.40	-47.63	Peak	
3	5725.0000	23.88	38.56	62.44	122.20	-59.76	Peak	
4 *	5746.6000	81.24	38.60	119.84	122.20	-2.36	Peak	
5	5994.4000	25.55	39.17	64.72	68.20	-3.48	Peak	

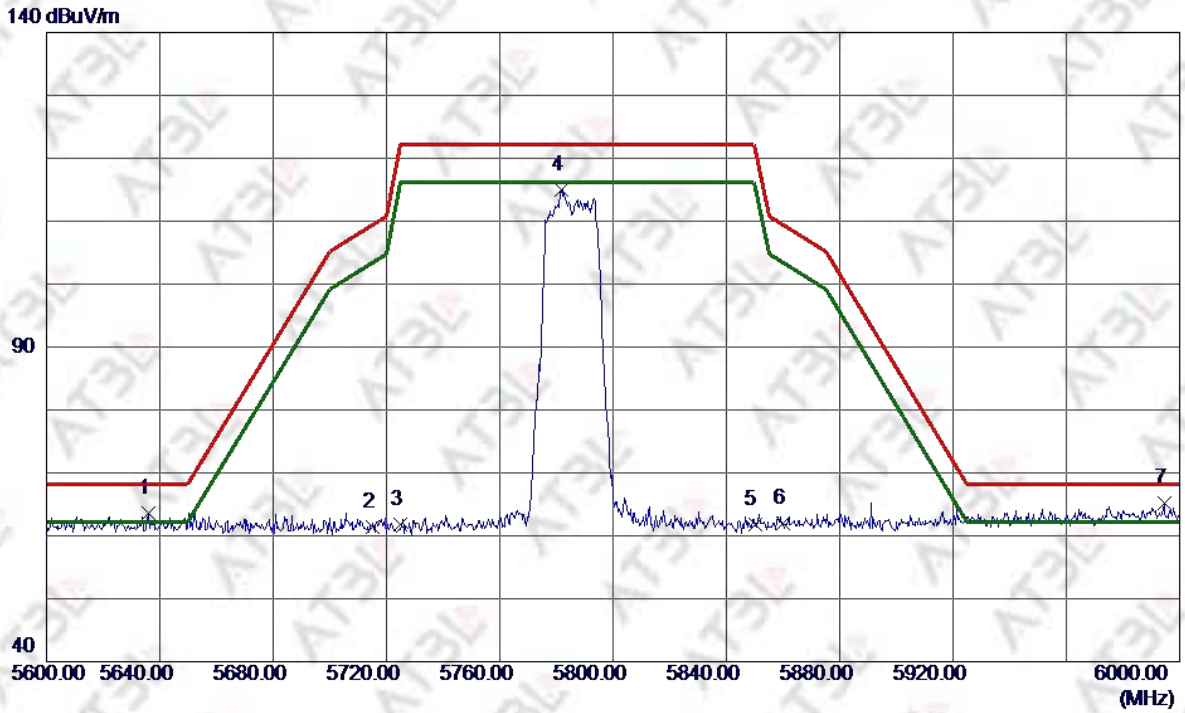
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH157_5785MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5635.8000	25.11	38.42	63.53	68.20	-4.67	Peak	
2	5715.0000	22.94	38.55	61.49	109.40	-47.91	Peak	
3	5725.0000	23.32	38.56	61.88	122.20	-60.32	Peak	
4	5781.6000	76.40	38.65	115.05	122.20	-7.15	Peak	
5	5850.0000	23.02	38.81	61.83	122.20	-60.37	Peak	
6	5860.0000	23.22	38.83	62.05	109.40	-47.35	Peak	
7 *	5994.6000	26.01	39.17	65.18	68.20	-3.02	Peak	

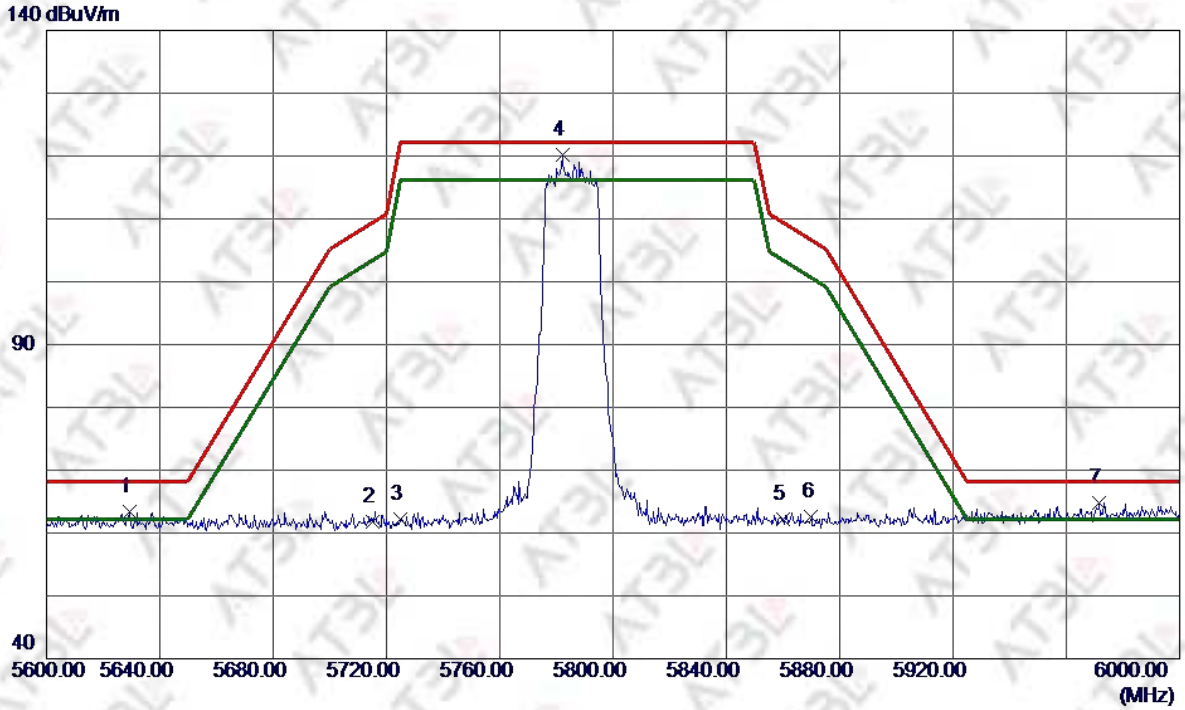
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH157_5785MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5629.2000	25.01	38.41	63.42	68.20	-4.78	Peak	
2	5715.0000	23.26	38.55	61.81	109.40	-47.59	Peak	
3	5725.0000	23.59	38.56	62.15	122.20	-60.05	Peak	
4 *	5782.2000	81.46	38.65	120.11	122.20	-2.09	Peak	
5	5860.0000	23.43	38.83	62.26	109.40	-47.14	Peak	
6	5870.0000	23.81	38.86	62.67	106.60	-43.93	Peak	
7	5971.6000	25.71	39.11	64.82	68.20	-3.38	Peak	

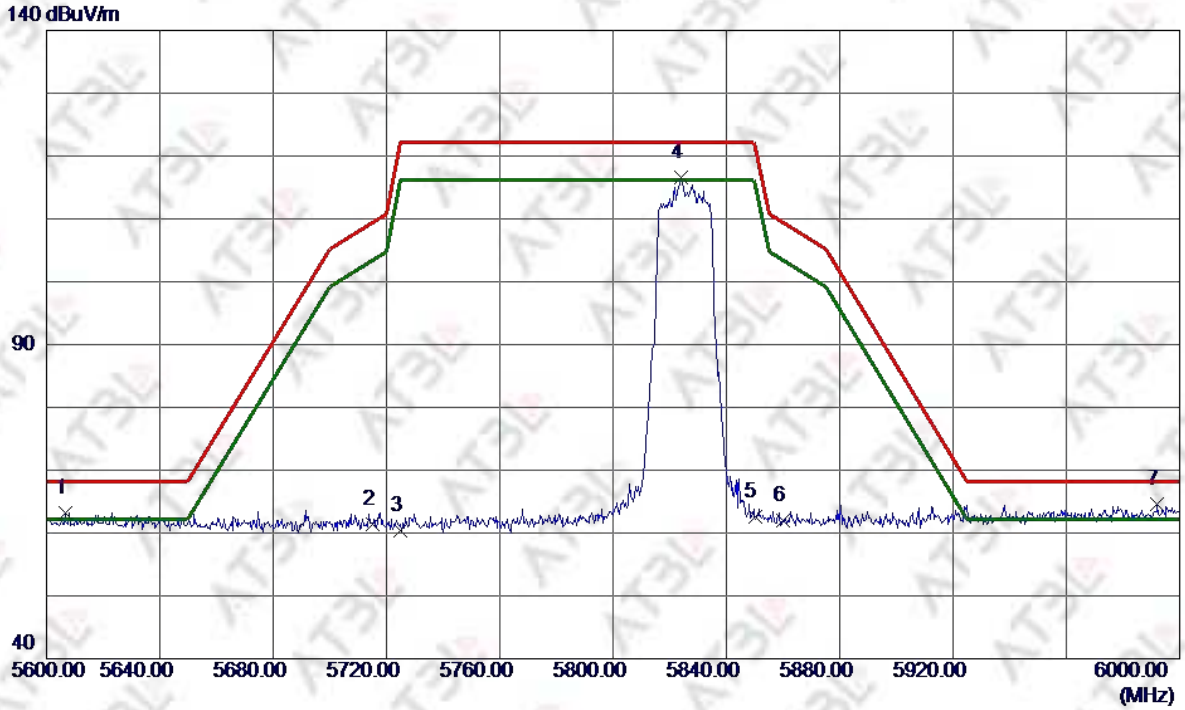
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH165_5825MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5606.6000	24.92	38.37	63.29	68.20	-4.91	Peak	
2	5715.0000	22.81	38.55	61.36	109.40	-48.04	Peak	
3	5725.0000	21.89	38.56	60.45	122.20	-61.75	Peak	
4	5823.8000	77.94	38.74	116.68	122.20	-5.52	Peak	
5	5850.0000	23.73	38.81	62.54	122.20	-59.66	Peak	
6	5860.0000	23.10	38.83	61.93	109.40	-47.47	Peak	
7 *	5992.2000	25.44	39.16	64.60	68.20	-3.60	Peak	

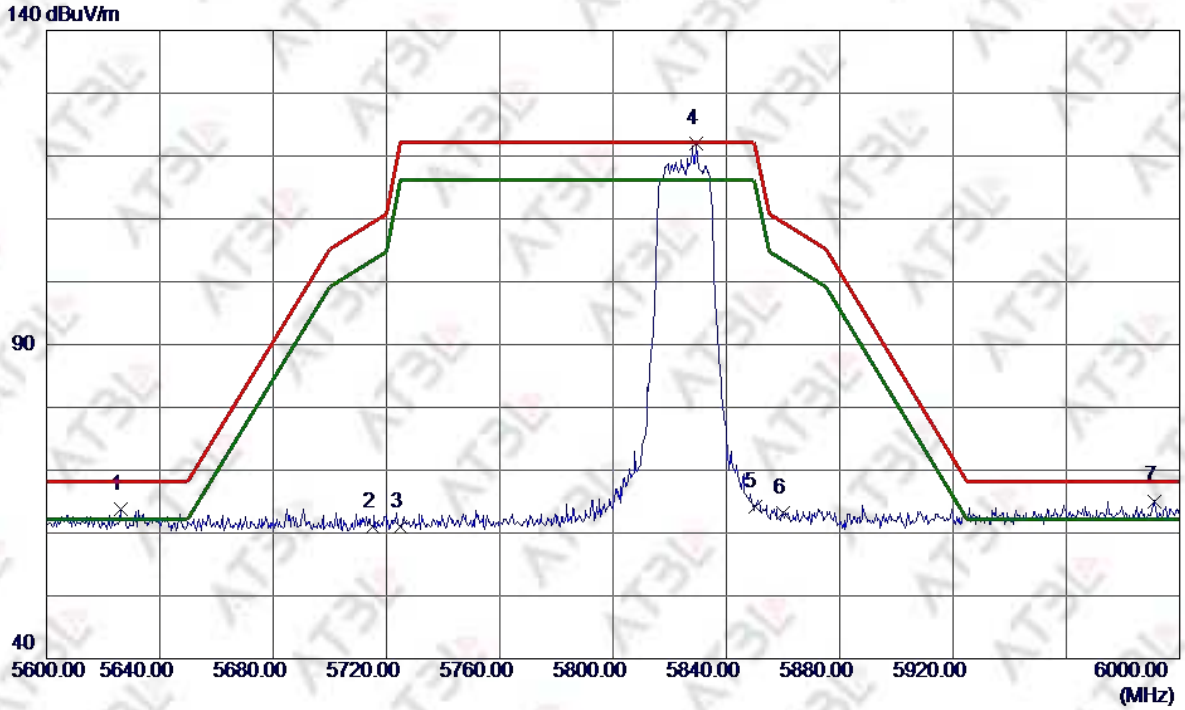
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH165_5825MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5626.2000	25.45	38.40	63.85	68.20	-4.35	Peak	
2	5715.0000	22.39	38.55	60.94	109.40	-48.46	Peak	
3	5725.0000	22.45	38.56	61.01	122.20	-61.19	Peak	
4 *	5829.4000	83.22	38.76	121.98	122.20	-0.22	Peak	
5	5850.0000	25.30	38.81	64.11	122.20	-58.09	Peak	
6	5860.0000	24.46	38.83	63.29	109.40	-46.11	Peak	
7	5991.0000	25.94	39.16	65.10	68.20	-3.10	Peak	

REMARKS:

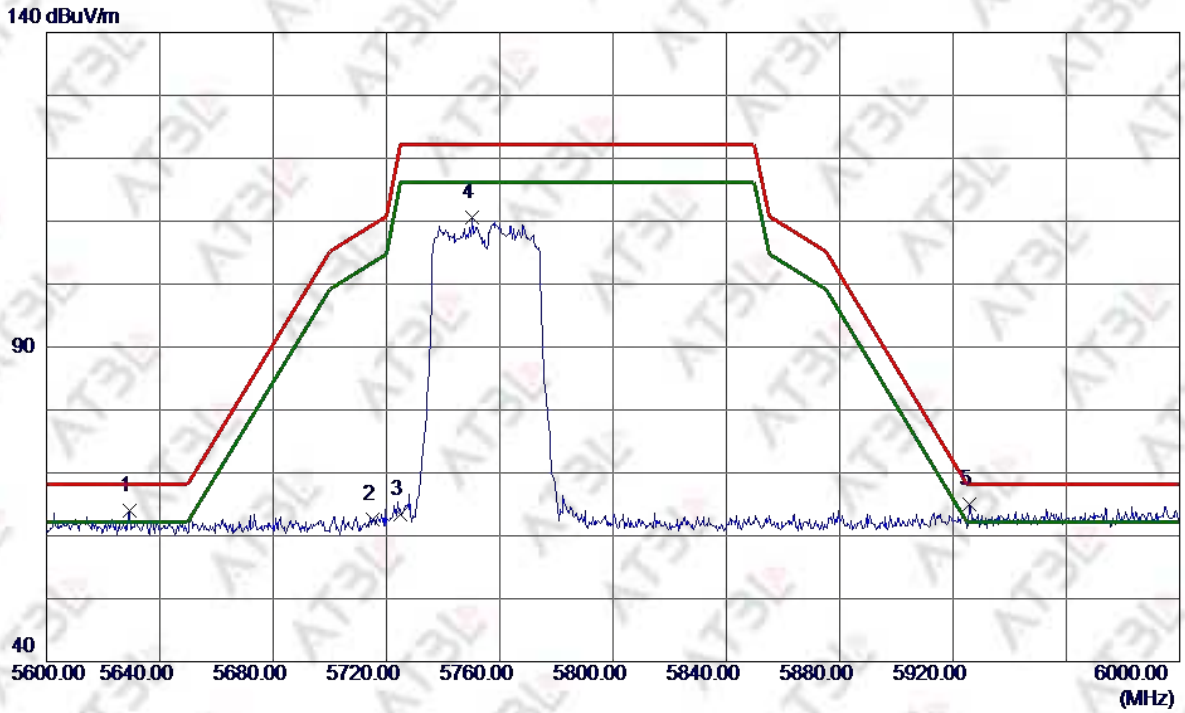
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11ax40

CH151_5755MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5629.2000	25.62	38.41	64.03	68.20	-4.17	Peak	
2	5715.0000	24.08	38.55	62.63	109.40	-46.77	Peak	
3	5725.0000	24.91	38.56	63.47	122.20	-58.73	Peak	
4	5750.4000	72.05	38.60	110.65	122.20	-11.55	Peak	
5 *	5925.8000	25.94	39.00	64.94	68.20	-3.26	Peak	

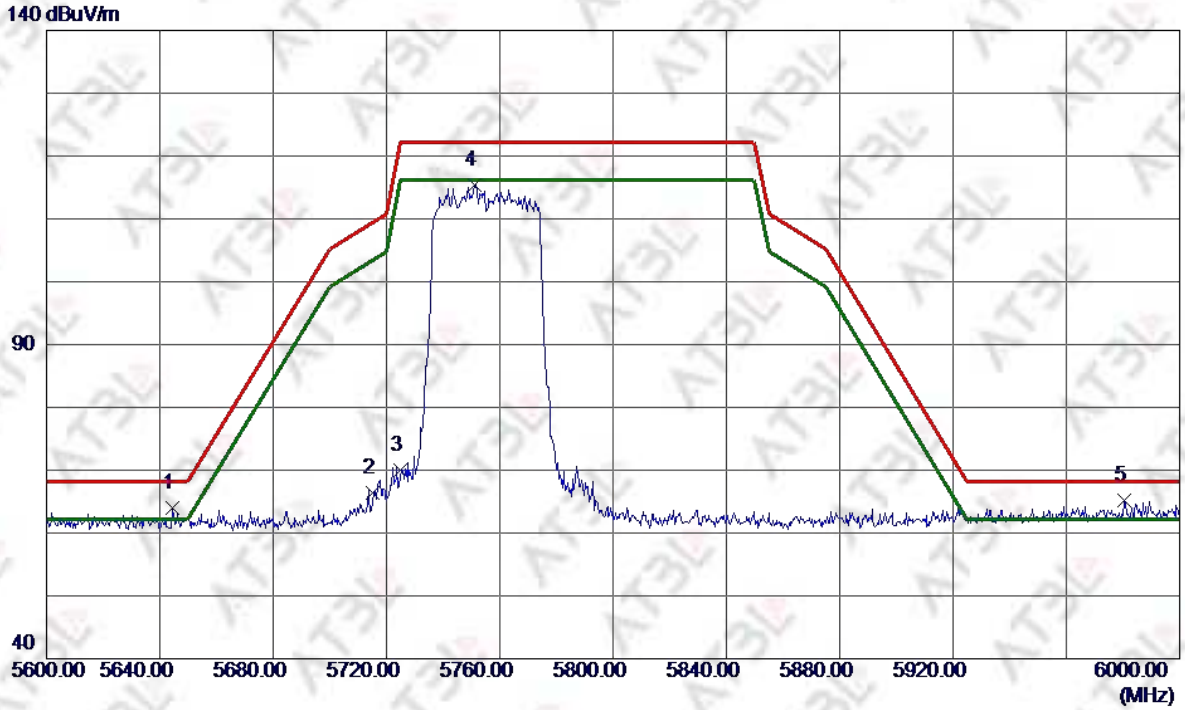
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH151_5755MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5644.6000	25.50	38.43	63.93	68.20	-4.27	Peak	
2	5715.0000	27.87	38.55	66.42	109.40	-42.98	Peak	
3	5725.0000	31.53	38.56	70.09	122.20	-52.11	Peak	
4	5751.0000	76.79	38.60	115.39	122.20	-6.81	Peak	
5 *	5980.6000	25.98	39.13	65.11	68.20	-3.09	Peak	

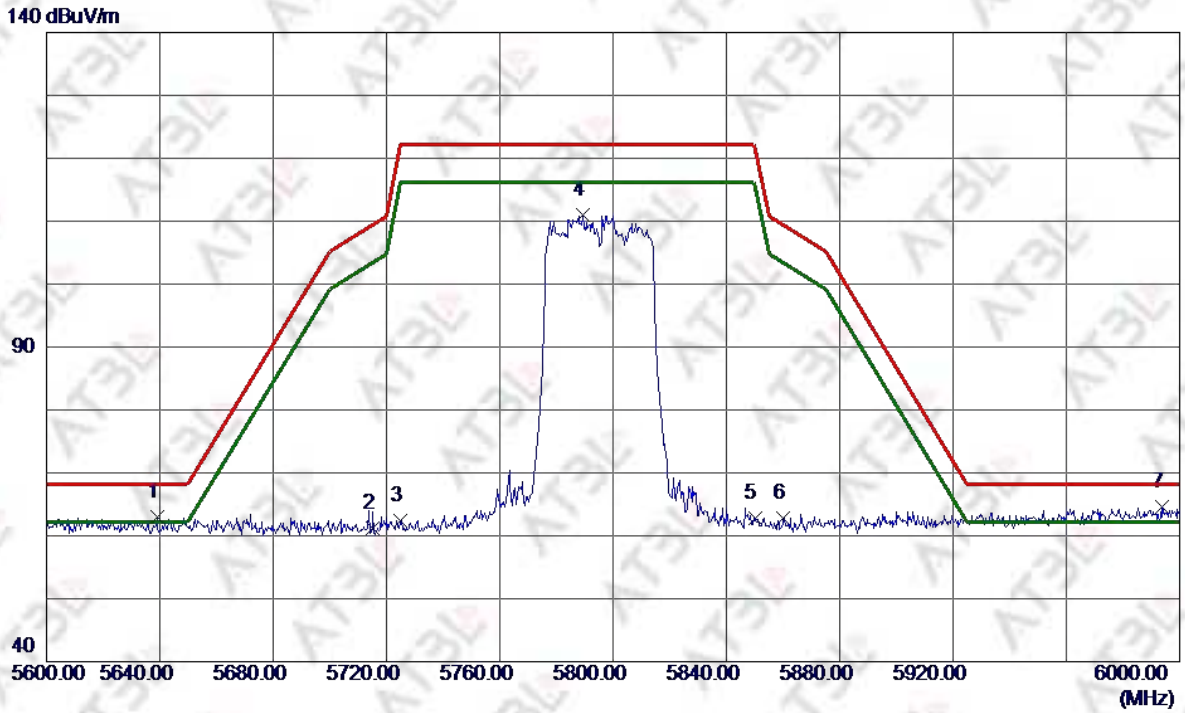
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH159_5795MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5639.0000	24.60	38.42	63.02	68.20	-5.18	Peak	
2	5715.0000	22.69	38.55	61.24	109.40	-48.16	Peak	
3	5725.0000	23.75	38.56	62.31	122.20	-59.89	Peak	
4	5789.4000	72.32	38.67	110.99	122.20	-11.21	Peak	
5	5850.0000	24.08	38.81	62.89	122.20	-59.31	Peak	
6	5860.0000	23.97	38.83	62.80	109.40	-46.60	Peak	
7 *	5993.6000	25.49	39.16	64.65	68.20	-3.55	Peak	

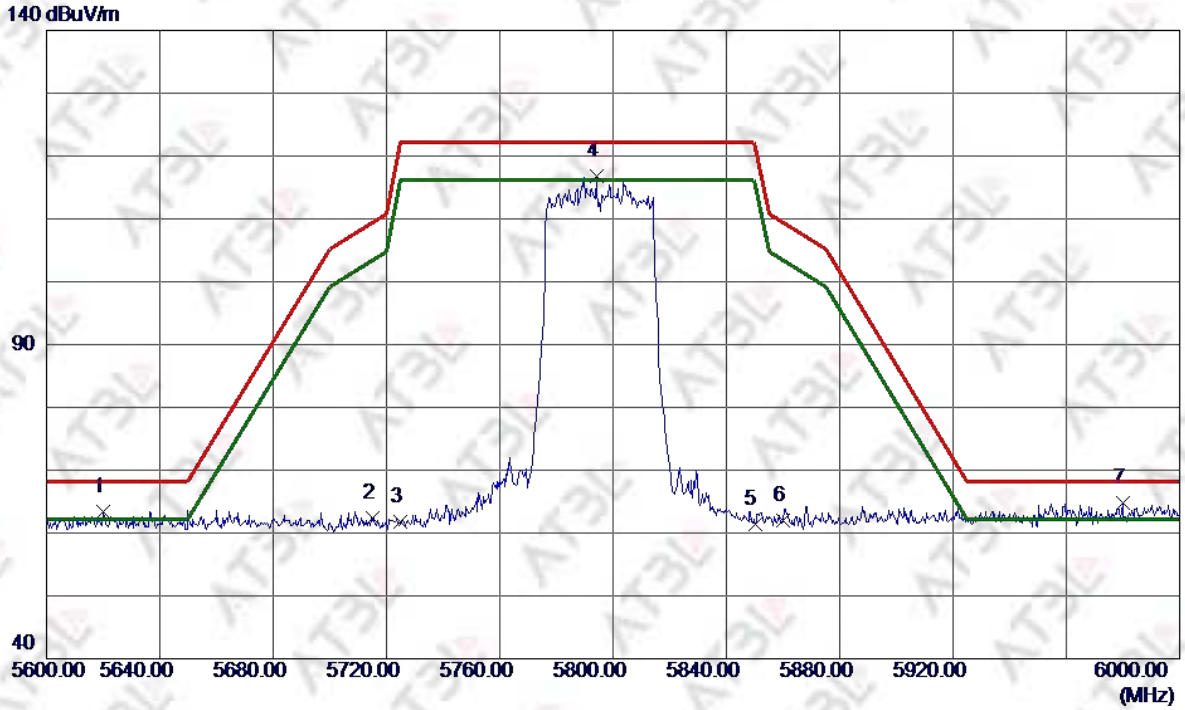
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH159_5795MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5620.2000	25.04	38.39	63.43	68.20	-4.77	Peak	
2	5715.0000	23.89	38.55	62.44	109.40	-46.96	Peak	
3	5725.0000	23.22	38.56	61.78	122.20	-60.42	Peak	
4	5794.2000	78.09	38.67	116.76	122.20	-5.44	Peak	
5	5850.0000	22.67	38.81	61.48	122.20	-60.72	Peak	
6	5860.0000	23.17	38.83	62.00	109.40	-47.40	Peak	
7 *	5979.8000	25.71	39.13	64.84	68.20	-3.36	Peak	

REMARKS:

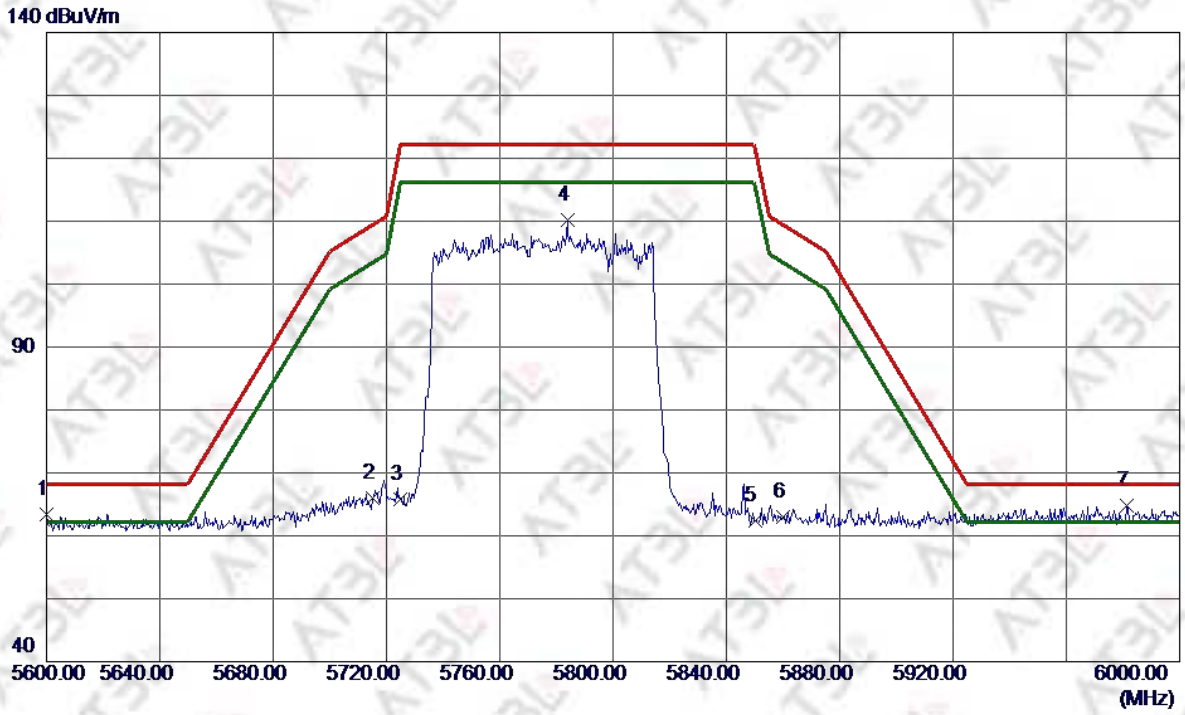
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

802.11ax80

CH155_5775MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5600.0000	25.13	38.36	63.49	68.20	-4.71	Peak	
2	5715.0000	27.41	38.55	65.96	109.40	-43.44	Peak	
3	5725.0000	27.33	38.56	65.89	122.20	-56.31	Peak	
4	5783.8000	71.48	38.66	110.14	122.20	-12.06	Peak	
5	5850.0000	23.68	38.81	62.49	122.20	-59.71	Peak	
6	5860.0000	24.11	38.83	62.94	109.40	-46.46	Peak	
7 *	5981.4000	25.59	39.13	64.72	68.20	-3.48	Peak	

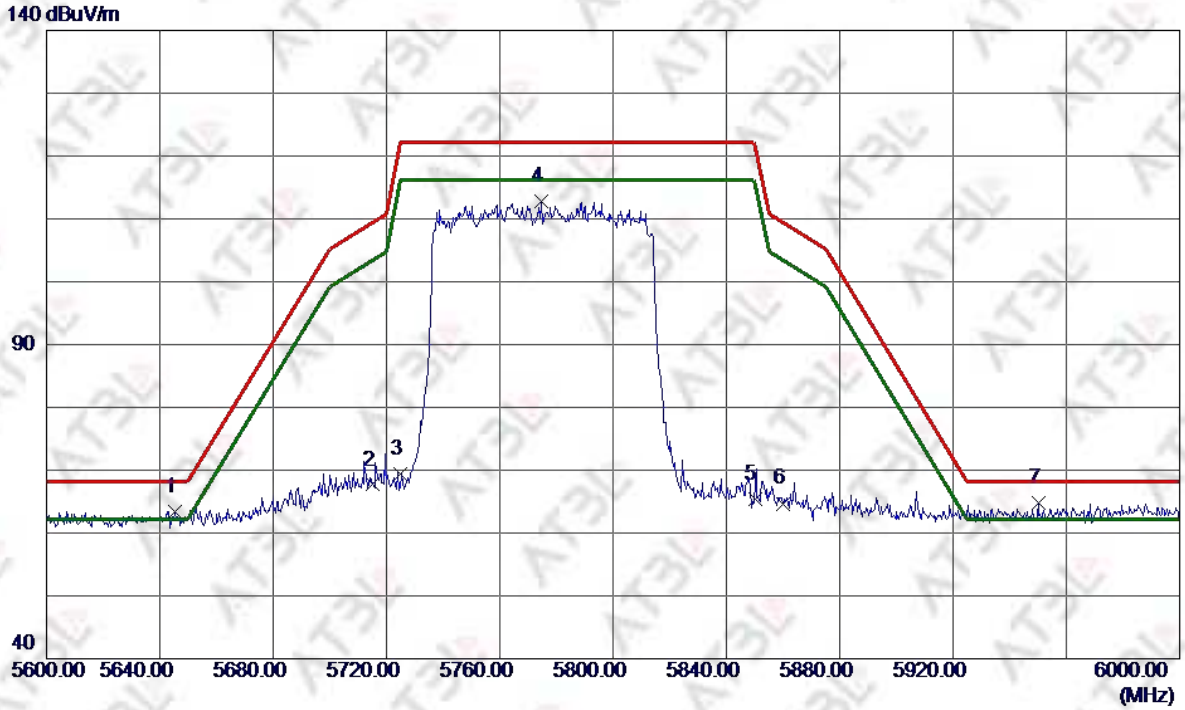
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

CH155_5775MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	5645.2000	25.01	38.43	63.44	68.20	-4.76	Peak	
2	5715.0000	29.15	38.55	67.70	109.40	-41.70	Peak	
3	5725.0000	30.75	38.56	69.31	122.20	-52.89	Peak	
4	5774.8000	74.14	38.64	112.78	122.20	-9.42	Peak	
5	5850.0000	26.53	38.81	65.34	122.20	-56.86	Peak	
6	5860.0000	25.87	38.83	64.70	109.40	-44.70	Peak	
7 *	5950.2000	25.72	39.06	64.78	68.20	-3.42	Peak	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Note：

All modes have been tested, but 802.11ac20 and 802.11ac40 are not the worst modes, so the test data of these two modes are not presented in the report.

4. POWER SPECTRAL DENSITY TEST

4.1. LIMIT

4.1.1 For an indoor access point operating in the band 5.15-5.25 GHz, 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.

4.1.2 For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 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.

4.1.3 For the band 5.725-5.850 GHz, the peak power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antenna directional gain is greater than 6 dBi, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

4.2. TEST PROCEDURE

The setting follows Method SA-1 of FCC KDB D02 General UNII Test Procedures New Rules v01r03.

For devices operating in the band, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus a narrower RBW may need to be used. The rules permit the use of a RBW less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (*i.e.,* 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

a) Set RBW ≥ 1/*T*, where *T* is defined in section II.B.I.a).

b) Set VBW ≥ 3 RBW.

c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10 log (500kHz/RBW) to the measured result, whereas RBW (< 500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.

d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add 10 log (1MHz/RBW) to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.

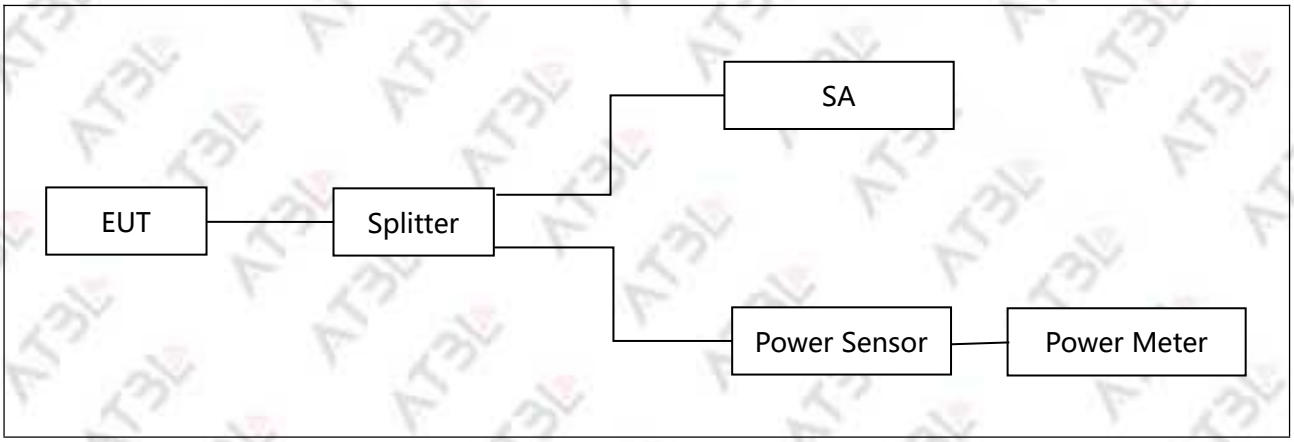
e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 kHz for the sections5.c) and 5.d) above, since RBW=100 KHZ is available on nearly all spectrum analyzers.

4.3. DEVIATION FROM STANDARD

No deviation.

4.4. TEST SETUP



4.5. EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 2.1 Unless otherwise a special operating condition is specified in the follows during the testing.

4.6. TEST RESULTS

5150MHz-5250MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
36	5180	0	1.6	0.51	10.26	10.77	17	PASS
40	5200	0	2.1	0.51	9.54	10.05	17	PASS
48	5240	0	1.6	0.51	11.46	11.97	17	PASS
36	5180	1	2.1	0.51	9.04	9.55	17	PASS
40	5200	1	1.6	0.51	9.43	9.94	17	PASS
48	5240	1	2.1	0.51	11.81	12.32	17	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
36	5180	0+1	12.70	17	PASS
40	5200	0+1	12.50	17	PASS
48	5240	0+1	14.65	17	PASS

802.11n20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
36	5180	0	1.6	0.53	10.09	10.62	17	PASS
40	5200	0	2.1	0.53	9.17	9.70	17	PASS
48	5240	0	1.6	0.53	10.58	11.11	17	PASS
36	5180	1	2.1	0.53	9.50	10.03	17	PASS
40	5200	1	1.6	0.53	9.18	9.71	17	PASS
48	5240	1	2.1	0.53	10.52	11.05	17	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
36	5180	0+1	12.82	17	PASS
40	5200	0+1	12.19	17	PASS
48	5240	0+1	13.56	17	PASS

802.11n40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
38	5190	0	1.6	0.52	6.99	7.51	17	PASS
46	5230	0	2.1	0.52	7.53	8.05	17	PASS
38	5190	1	1.6	0.52	6.95	7.47	17	PASS
46	5230	1	2.1	0.52	7.14	7.66	17	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
38	5190	0+1	9.98	17	PASS
46	5230	0+1	10.35	17	PASS

802.11ac80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
42	5210	0	1.6	0.52	3.48	4.00	17	PASS
42	5210	1	2.1	0.52	4.25	4.77	17	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
42	5210	0+1	6.89	17	PASS

802.11ax20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
36	5180	0	1.6	0.50	10.28	10.78	17	PASS
40	5200	0	2.1	0.50	9.82	10.32	17	PASS
48	5240	0	1.6	0.50	11.12	11.62	17	PASS
36	5180	1	2.1	0.50	10.73	11.23	17	PASS
40	5200	1	1.6	0.50	9.24	9.74	17	PASS
48	5240	1	2.1	0.50	9.11	9.61	17	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
36	5180	0+1	13.52	17	PASS
40	5200	0+1	12.55	17	PASS
48	5240	0+1	13.24	17	PASS

802.11ax40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
38	5190	0	1.6	0.60	7.50	8.10	17	PASS
46	5230	0	2.1	0.60	5.47	6.07	17	PASS
38	5190	1	1.6	0.60	6.95	7.55	17	PASS
46	5230	1	2.1	0.60	5.03	5.63	17	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
38	5190	0+1	10.24	17	PASS
46	5230	0+1	8.27	17	PASS

802.11ax80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/MHz)	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
42	5210	0	1.6	1.14	3.34	4.48	17	PASS
42	5210	1	2.1	1.14	3.60	4.74	17	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/MHz)	Limit (dBm/MHz)	Result
42	5210	0+1	6.48	17	PASS

5470MHz-5825MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
149	5745	0	1.6	0.51	8.30	8.81	30	PASS
157	5785	0	2.1	0.51	8.29	8.80	30	PASS
165	5825	0	1.6	0.51	9.96	10.47	30	PASS
149	5745	1	2.1	0.51	7.94	8.45	30	PASS
157	5785	1	1.6	0.51	8.38	8.89	30	PASS
165	5825	1	2.1	0.51	9.69	10.20	30	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
149	5745	0+1	11.13	30	PASS
157	5785	0+1	11.35	30	PASS
165	5825	0+1	12.84	30	PASS

802.11n20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
149	5745	0	1.6	0.53	8.55	9.08	30	PASS
157	5785	0	2.1	0.53	7.81	8.34	30	PASS
165	5825	0	1.6	0.53	9.30	9.83	30	PASS
149	5745	1	2.1	0.53	8.24	8.77	30	PASS
157	5785	1	1.6	0.53	7.11	7.64	30	PASS
165	5825	1	2.1	0.53	9.56	10.09	30	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
149	5745	0+1	11.41	30	PASS
157	5785	0+1	10.48	30	PASS
165	5825	0+1	12.44	30	PASS

802.11n40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
151	5755	0	1.6	0.52	4.65	5.17	30	PASS
159	5795	0	2.1	0.52	4.66	5.18	30	PASS
151	5755	1	1.6	0.52	4.03	4.55	30	PASS
159	5795	1	2.1	0.52	4.41	4.93	30	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
151	5755	0+1	7.36	30	PASS
159	5795	0+1	7.55	30	PASS

802.11ac80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
155	5775	0	1.6	0.52	0.55	1.07	30	PASS
155	5775	1	2.1	0.52	0.59	1.11	30	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
155	5775	0+1	3.58	30	PASS

802.11ax20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
149	5745	0	1.6	0.50	8.47	8.97	30	PASS
157	5785	0	2.1	0.50	7.28	7.78	30	PASS
165	5825	0	1.6	0.50	7.99	8.49	30	PASS
149	5745	1	2.1	0.50	8.19	8.69	30	PASS
157	5785	1	1.6	0.50	7.10	7.60	30	PASS
165	5825	1	2.1	0.50	8.34	8.84	30	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
149	5745	0+1	11.34	30	PASS
157	5785	0+1	10.20	30	PASS
165	5825	0+1	11.18	30	PASS

802.11ax40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
151	5755	0	1.6	0.60	4.94	5.54	30	PASS
159	5795	0	2.1	0.60	3.29	3.89	30	PASS
151	5755	1	1.6	0.60	4.28	4.88	30	PASS
159	5795	1	2.1	0.60	3.17	3.77	30	PASS

CH.	Freq. MHz	Ant. No.	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
151	5755	0+1	7.63	30	PASS
159	5795	0+1	6.24	30	PASS

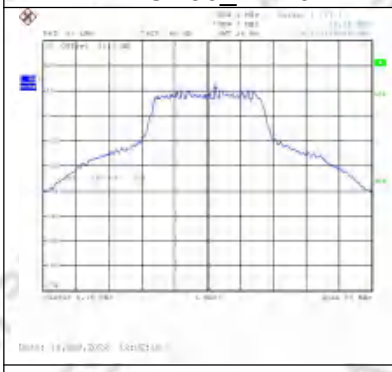
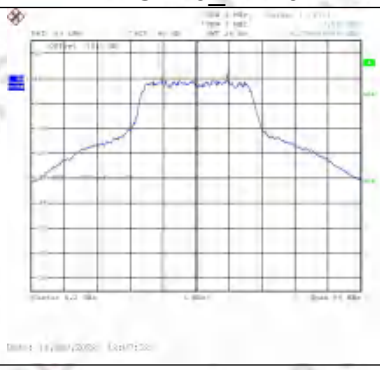
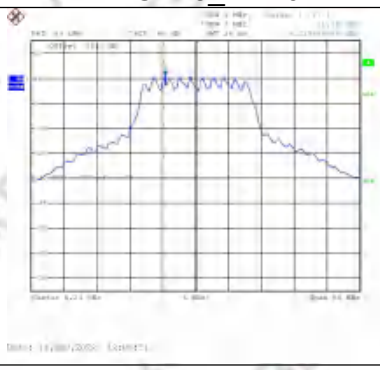
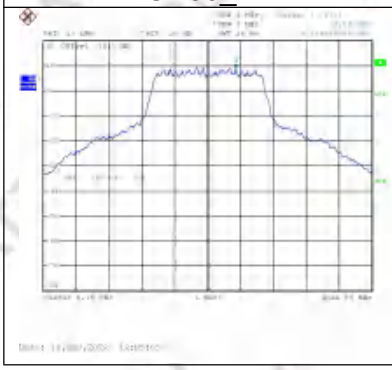
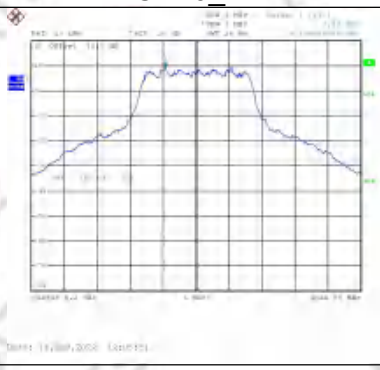
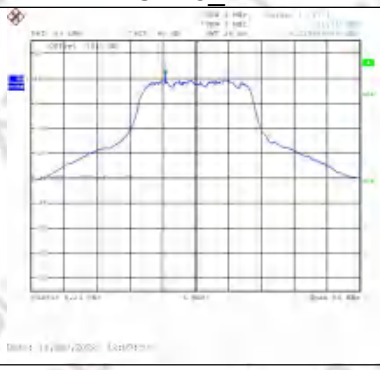
802.11ax80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	PSD Reading (dBm/500kHz)	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
155	5775	0	1.6	1.14	0.63	1.77	30	PASS
155	5775	1	2.1	1.14	0.79	1.93	30	PASS

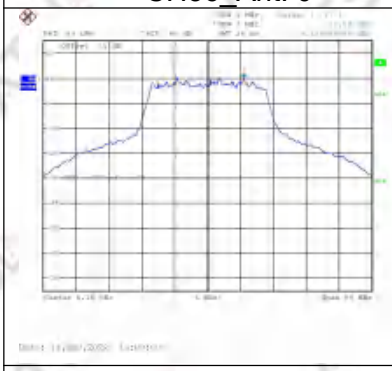
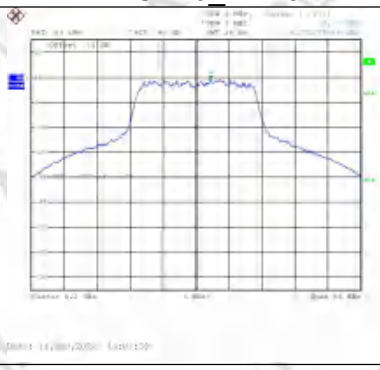
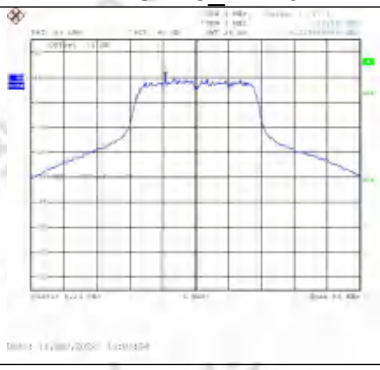
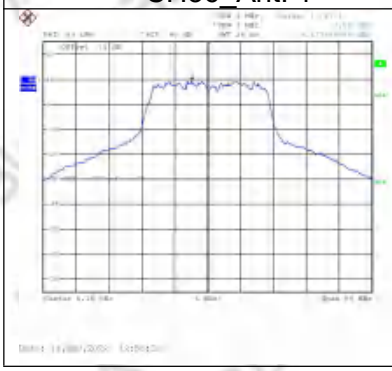
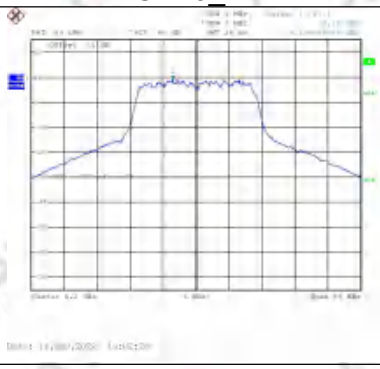
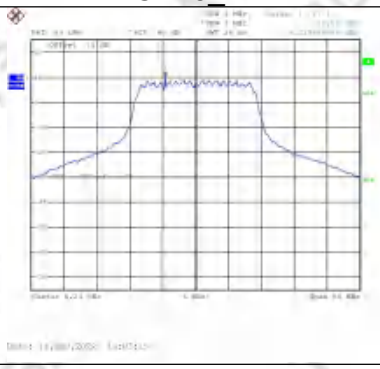
CH.	Freq. MHz	Ant. No.	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Result
155	5775	0+1	3.72	30	PASS

5150MHz-5250MHz

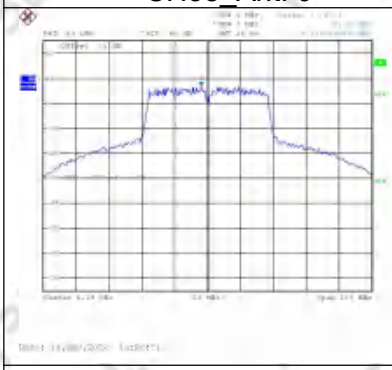
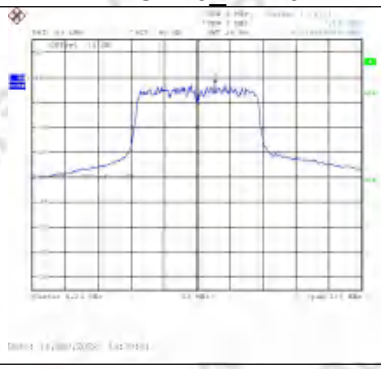
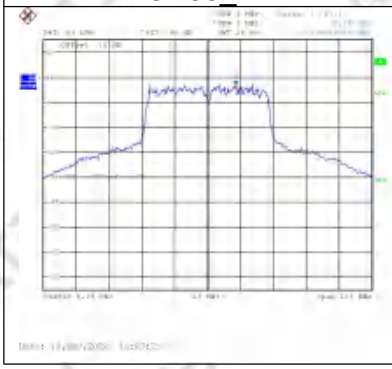
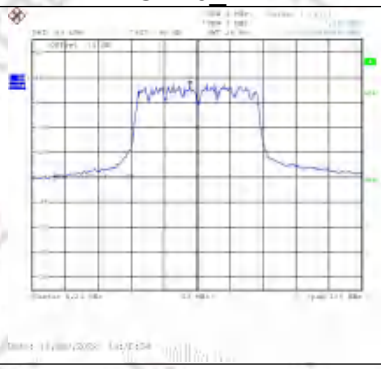
802.11a

CH36_Ant. 0	CH40_Ant. 0	CH48_Ant. 0
		
CH36_Ant. 1	CH40_Ant. 1	CH48_Ant. 1
		

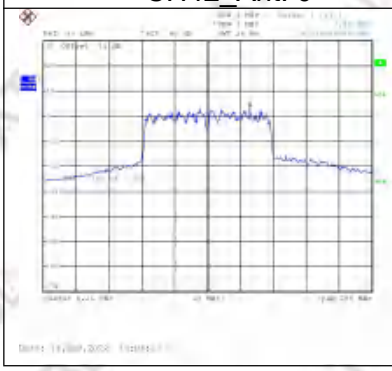
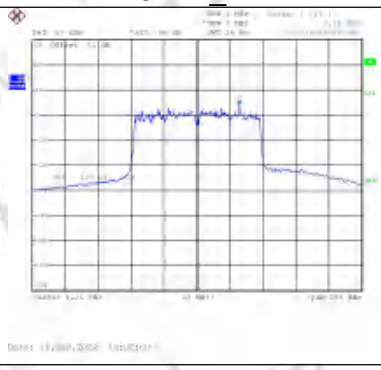
802.11n20

CH36_Ant. 0	CH40_Ant. 0	CH48_Ant. 0
		
CH36_Ant. 1	CH40_Ant. 1	CH48_Ant. 1
		

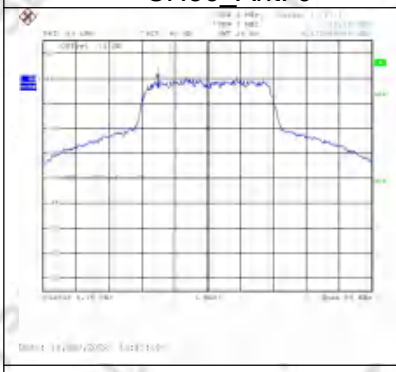
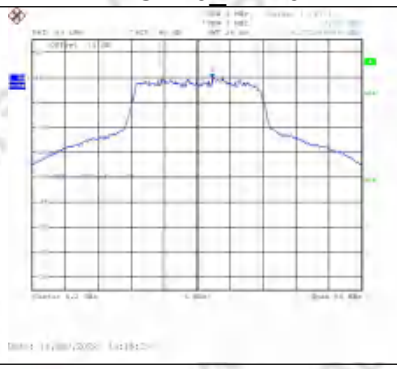
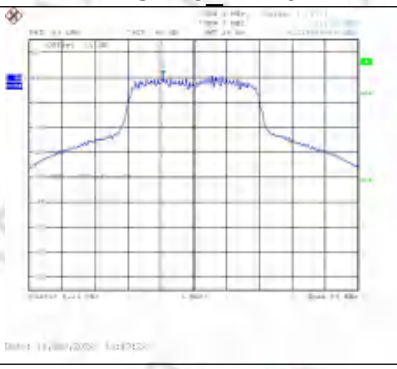
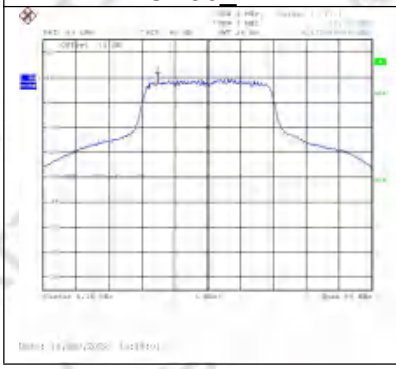
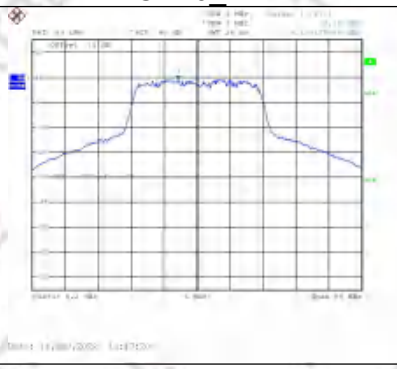
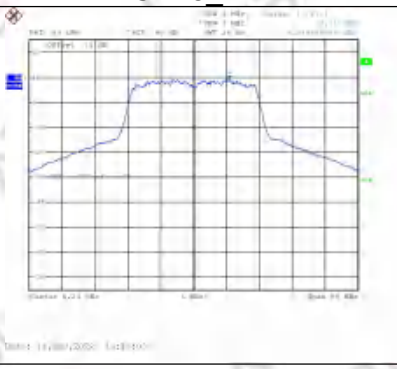
802.11n40

CH38_Ant. 0	CH46_Ant. 0	N/A
		N/A
CH38_Ant. 1	CH46_Ant. 1	N/A
		N/A

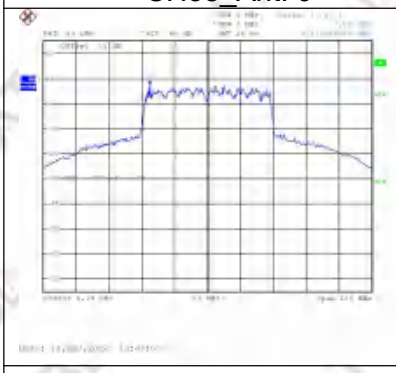
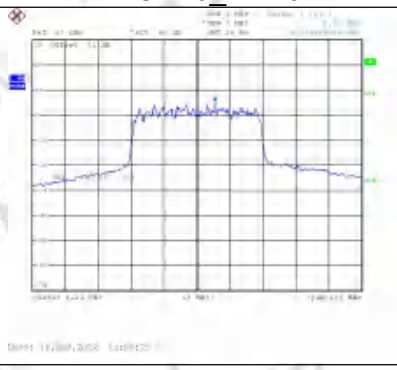
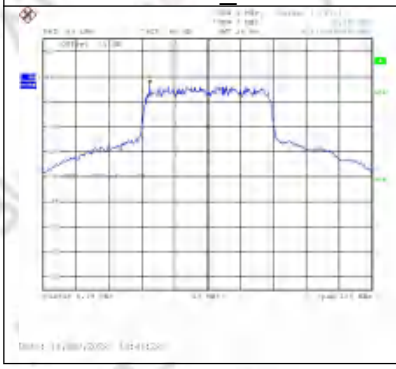
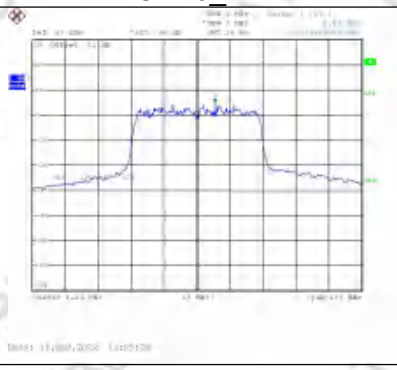
802.11ac80

CH42_Ant. 0	CH42_Ant. 1	N/A
		N/A

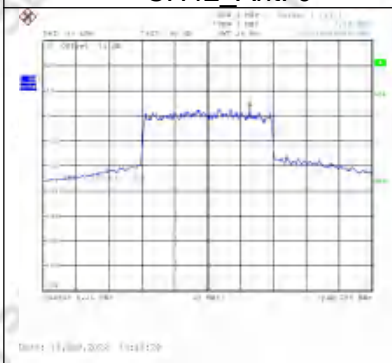
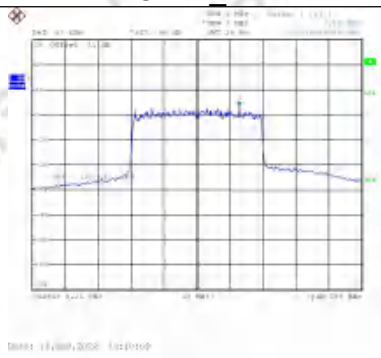
802.11ax20

CH36_Ant. 0	CH40_Ant. 0	CH48_Ant. 0
		
CH36_Ant. 1	CH40_Ant. 1	CH48_Ant. 1
		

802.11ax40

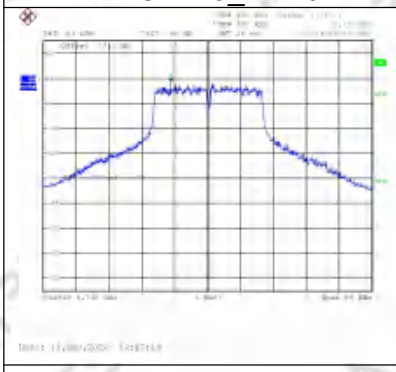
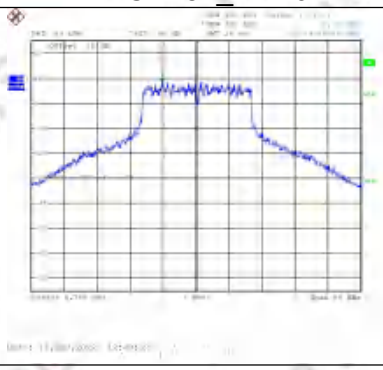
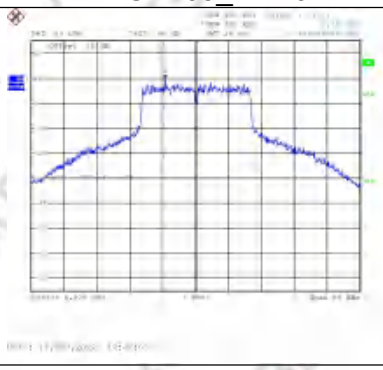
CH38_Ant. 0	CH46_Ant. 0	N/A
		N/A
CH38_Ant. 1	CH46_Ant. 1	N/A
		N/A

802.11ax80

CH42_Ant. 0	CH42_Ant. 1	N/A
		N/A

5725MHz-5850MHz

802.11a

CH149_Ant. 0	CH157_Ant. 0	CH165_Ant. 0
		
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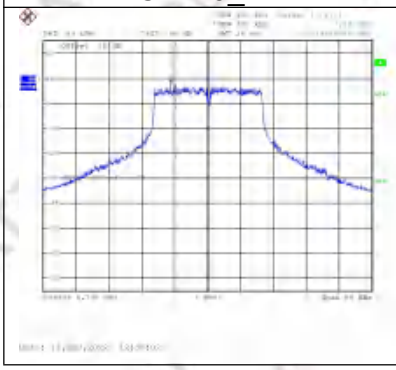
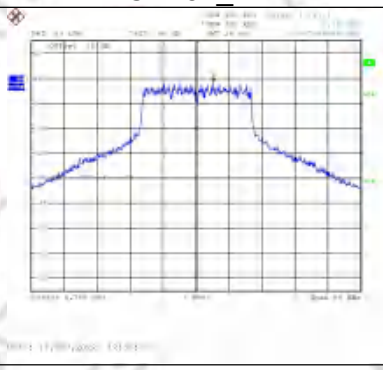
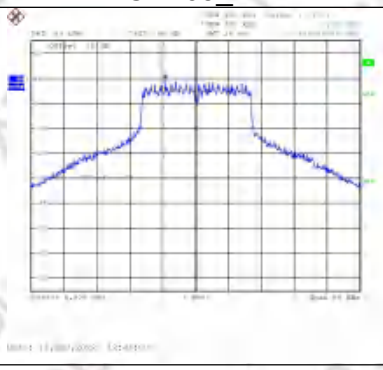
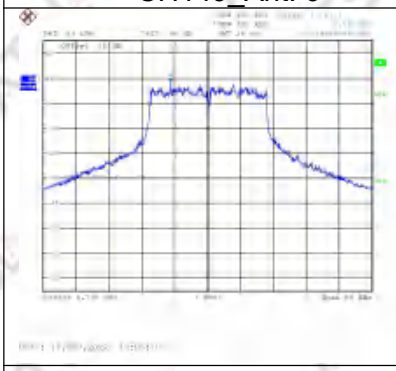
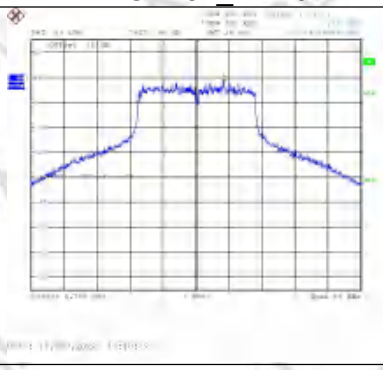
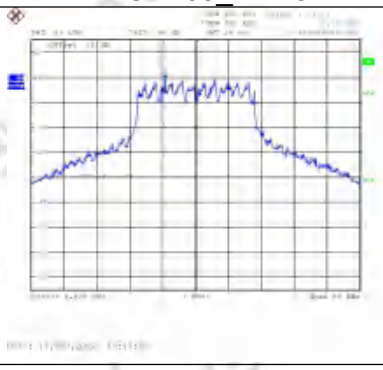
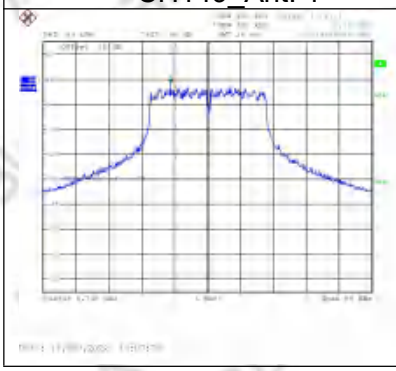
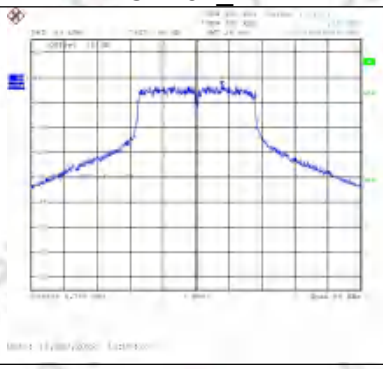
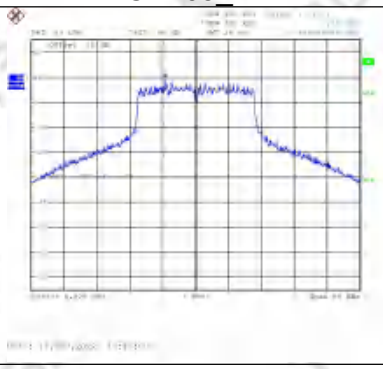
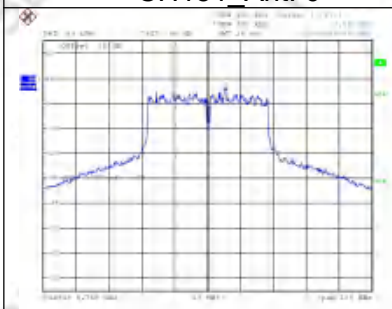
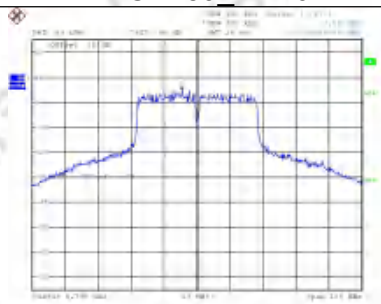
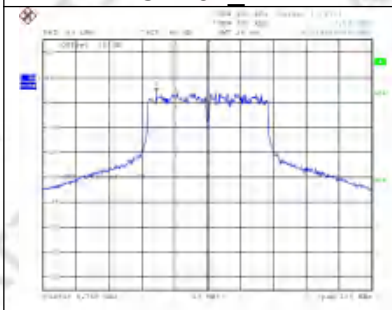
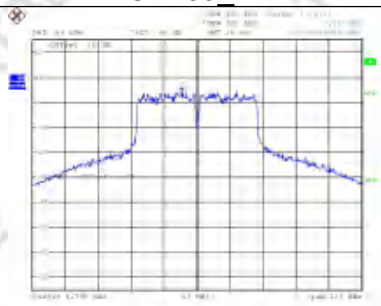
		

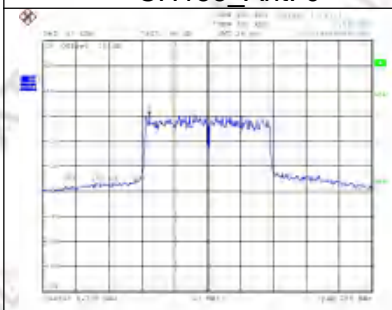
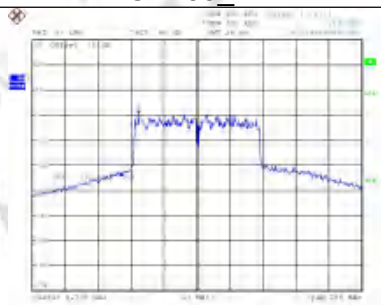
802.11n20

CH149_Ant. 0	CH157_Ant. 0	CH165_Ant. 0
		
CH149_Ant. 1	CH157_Ant. 1	CH165_Ant. 1
		

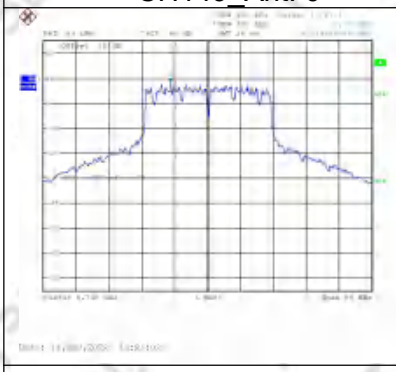
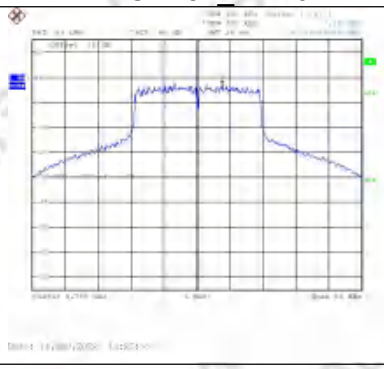
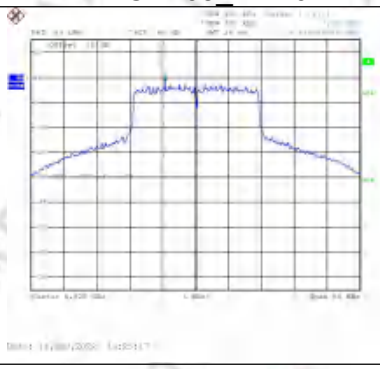
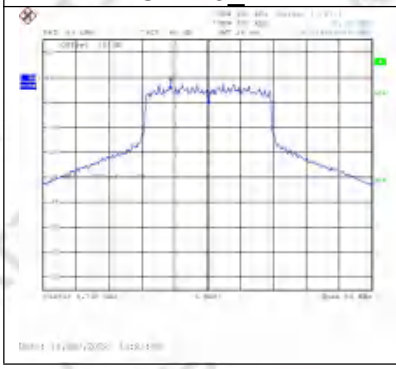
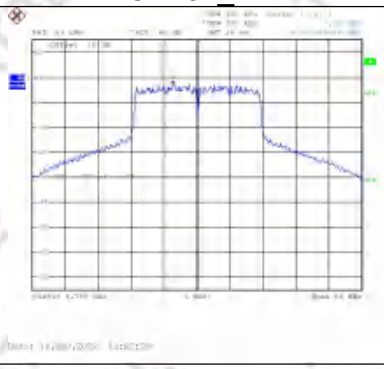
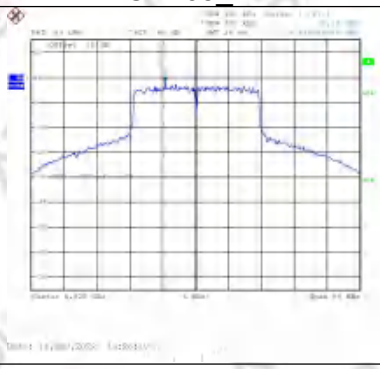
802.11n40

CH151_Ant. 0	CH159_Ant. 0	N/A
		N/A
CH151_Ant. 1	CH159_Ant. 1	N/A
		N/A

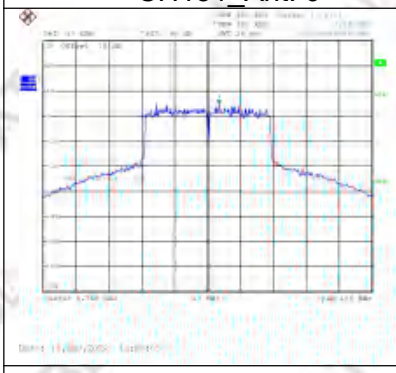
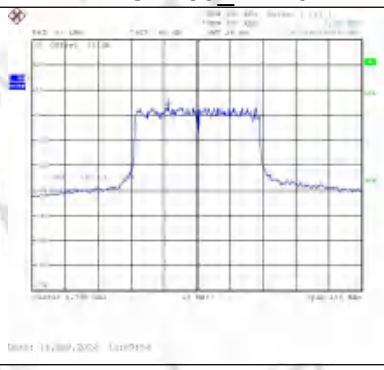
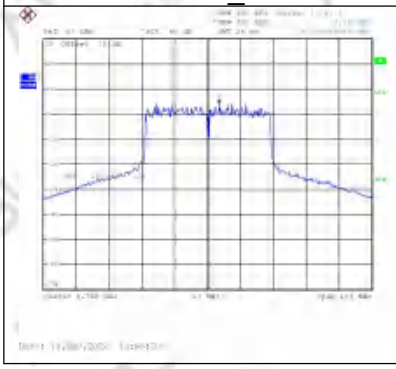
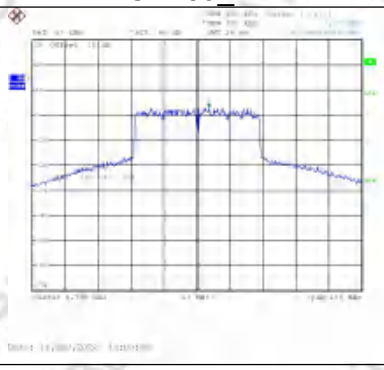
802.11ac80

CH155_Ant. 0	CH155_Ant. 1	N/A
		N/A

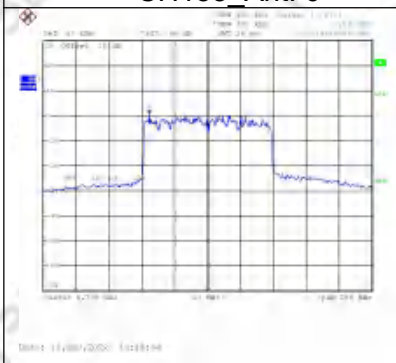
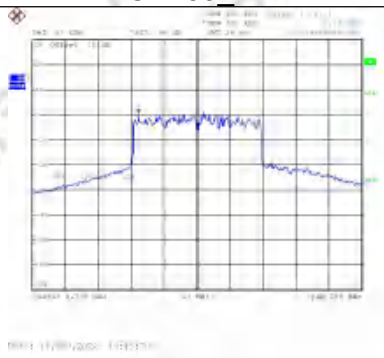
802.11ax20

CH149_Ant. 0	CH157_Ant. 0	CH165_Ant. 0
		
CH149_Ant. 1	CH157_Ant. 1	CH165_Ant. 1
		

802.11ax40

CH151_Ant. 0	CH159_Ant. 0	N/A
		N/A
CH151_Ant. 1	CH159_Ant. 1	N/A
		N/A

802.11ax80

CH155_Ant. 0	CH155_Ant. 1	N/A
		N/A

Note：

All modes have been tested, but 802.11ac20 and 802.11ac40 are not the worst modes, so the test data of these two modes are not presented in the report.

5. BANDWIDTH MEASUREMENT

5.1. EMISSION BANDWIDTH (EBW) 26 BANDWIDTH

See list of measuring instruments of this test report.

5.1.1. TEST PROCEDURE

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW >=RBW.
4. Detector = Peak.
5. Trace mode = max hold.
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

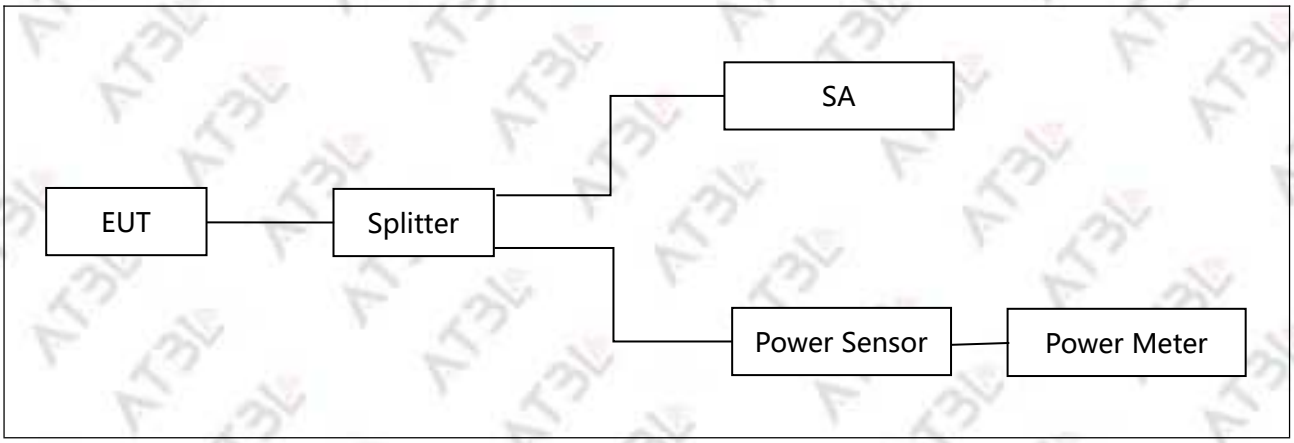
Note:

Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

5.1.2. DEVIATION FROM STANDARD

No deviation.

5.1.3. TEST SETUP

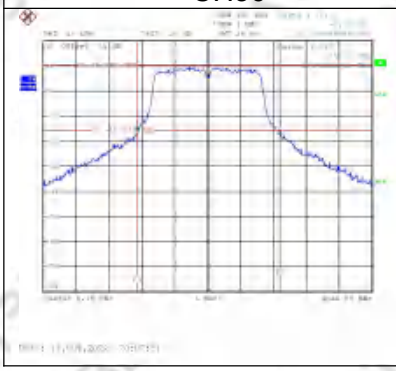
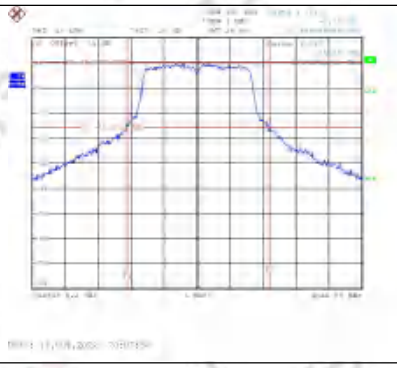
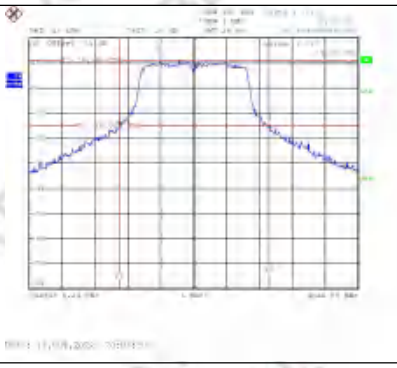


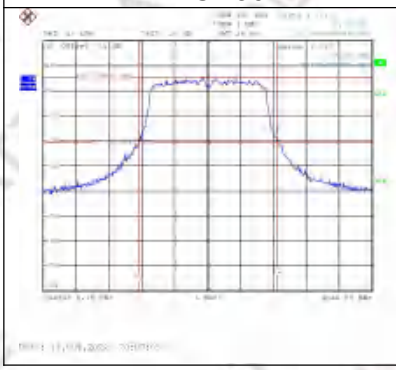
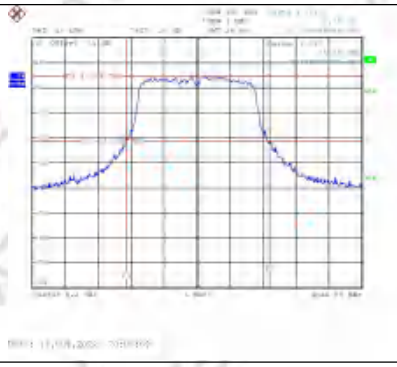
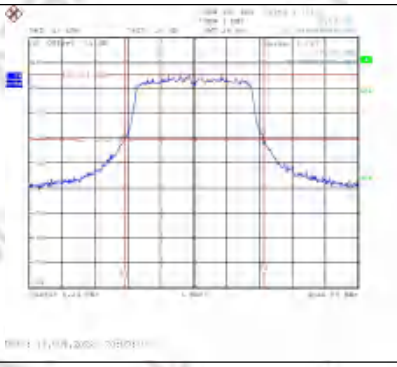
5.1.4. EUT OPERATION CONDITIONS

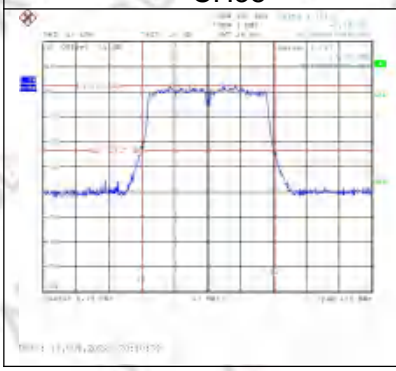
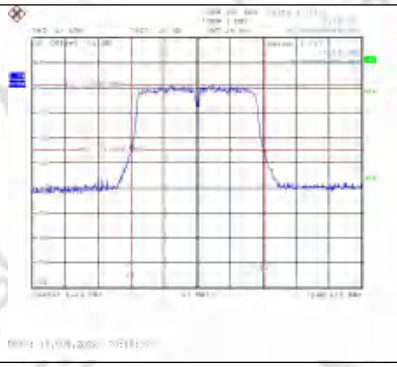
The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

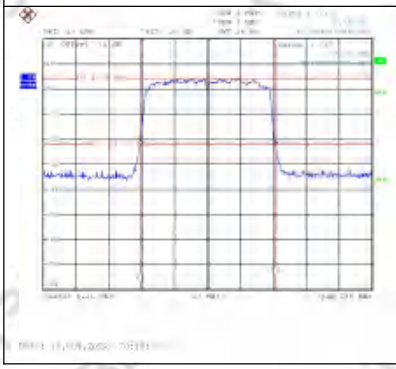
5.1.5. TEST RESULTS

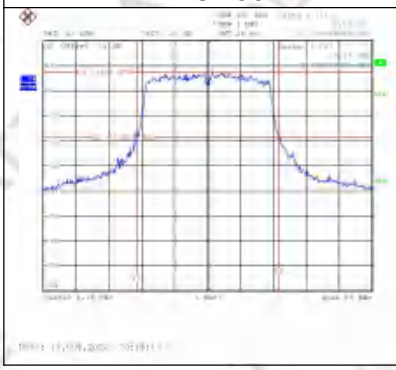
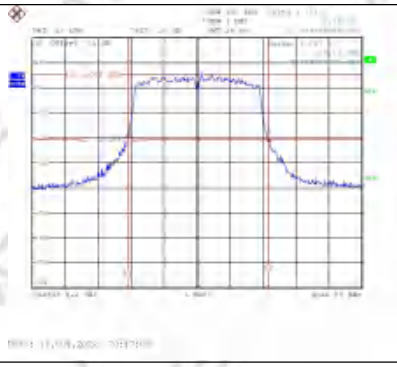
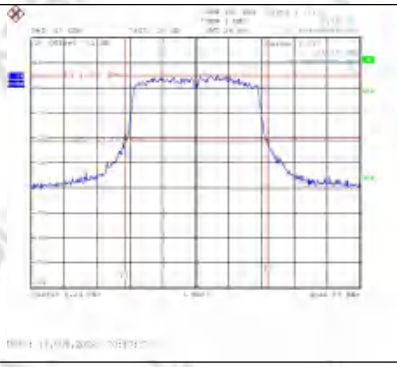
Mode	CH.	Freq.(MHz)	26 dB BW(MHz)
802.11a	36	5180	21.790
	40	5200	21.689
	48	5240	22.900
802.11n20	36	5180	21.010
	40	5200	21.790
	48	5240	21.248
802.11n40	38	5190	40.599
	46	5230	40.408
802.11ac80	42	5210	82.600
802.11ax20	36	5180	21.800
	40	5200	21.489
	48	5240	21.900
802.11ax40	38	5190	40.500
	46	5230	41.000
802.11ax80	42	5210	83.000

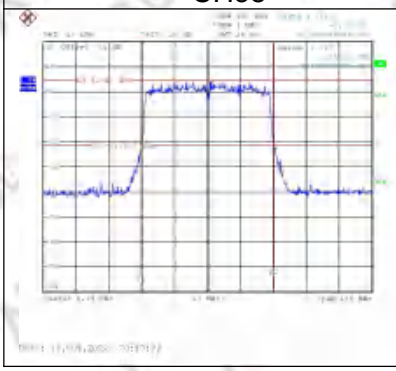
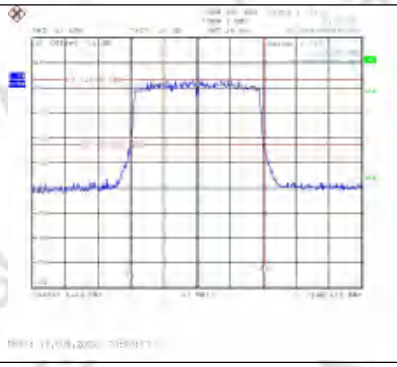
802.11a		
CH36	CH40	CH48
		

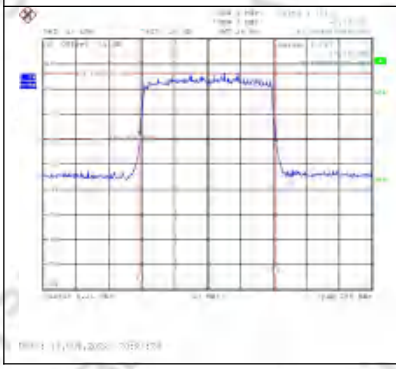
802.11n20		
CH36	CH40	CH48
		

802.11n40		
CH38	CH46	N/A
		N/A

802.11ac80		
CH42	N/A	N/A
	N/A	N/A

802.11ax20		
CH36	CH40	CH48
		

802.11ax40		
CH38	CH46	N/A
		N/A

802.11ax80		
CH42	N/A	N/A
	N/A	N/A

Note：

All modes have been tested, but 802.11ac20 and 802.11ac40 are not the worst modes, so the test data of these two modes are not presented in the report.

5.2. OCCUPIED BANDWIDTH(99%)

The following procedure shall be used for measuring (99 %) power bandwidth:

5.2.1. TEST PROCEDURE

The testing follows FCC KDB 789033 D02 General UNII Test Procedures v02r01.

The following procedure shall be used for measuring (99 %) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency.

2. Set span = 1.5 times to 5.0 times the OBW.

3. Set RBW = 1 % to 5 % of the OBW

4. Set VBW ≥ 3 · RBW

5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.

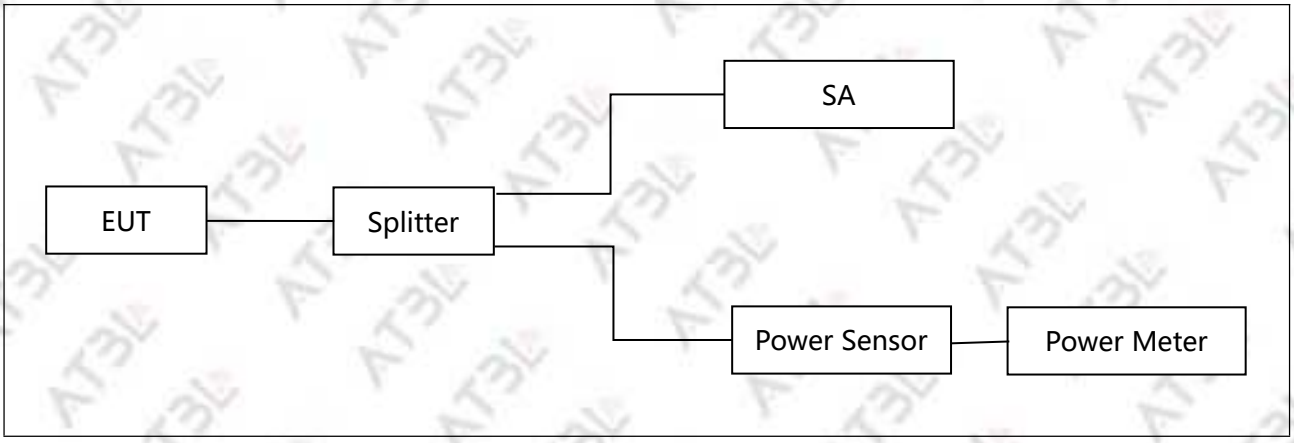
6. Use the 99 % power bandwidth function of the instrument (if available).

7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

5.2.2. DEVIATION FROM STANDARD

No deviation.

5.2.3. TEST SETUP

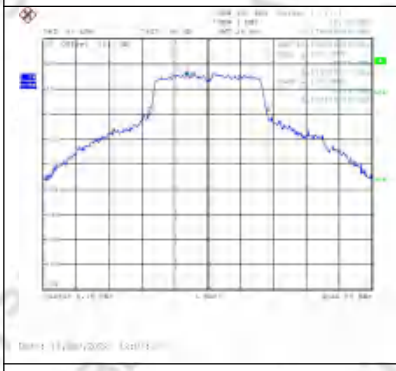
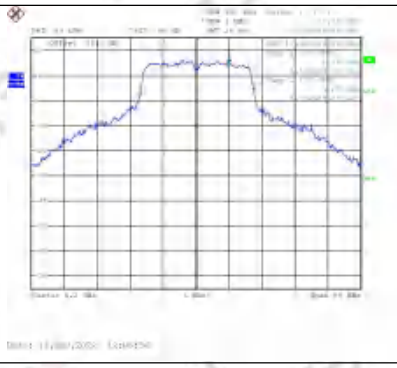
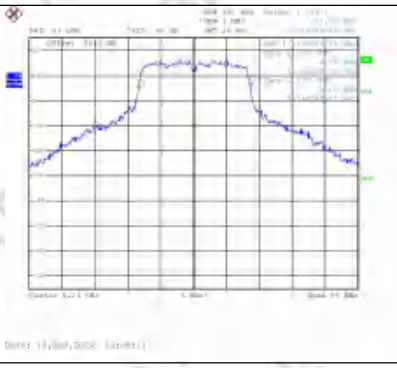
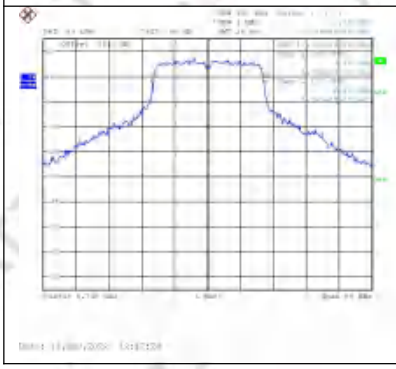
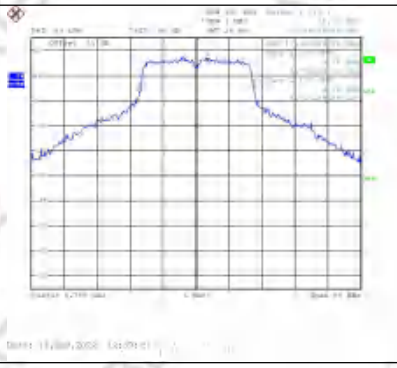
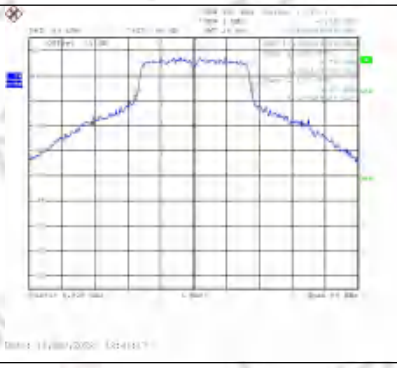


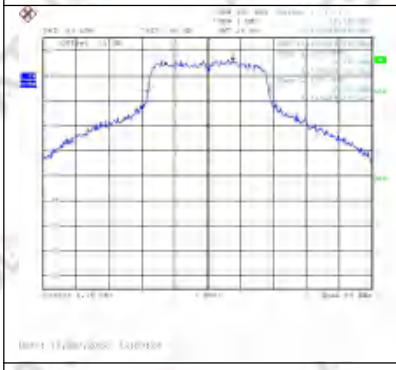
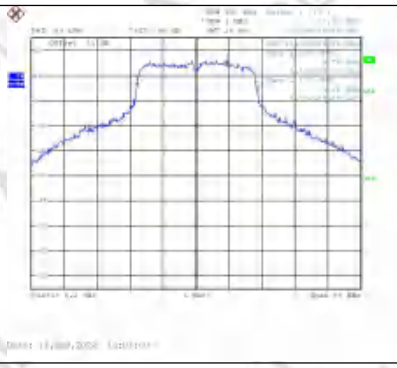
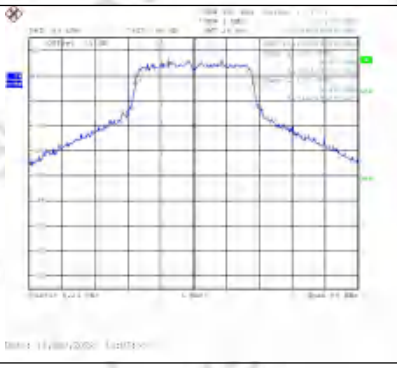
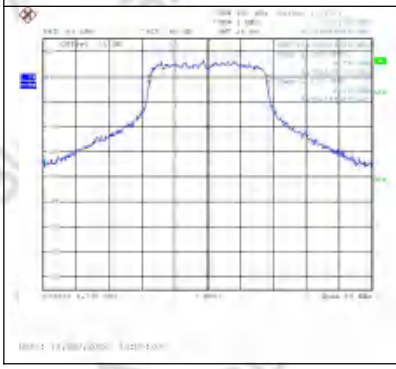
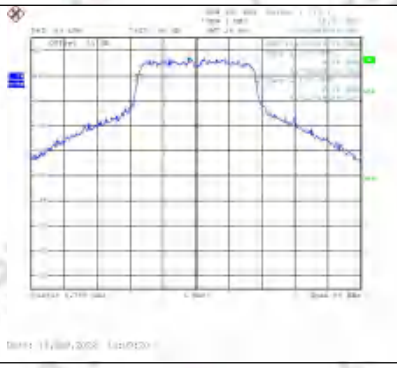
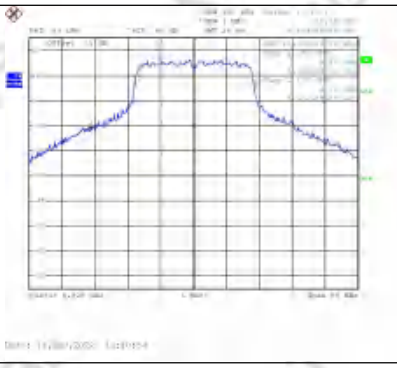
5.2.4. EUT OPERATION CONDITIONS

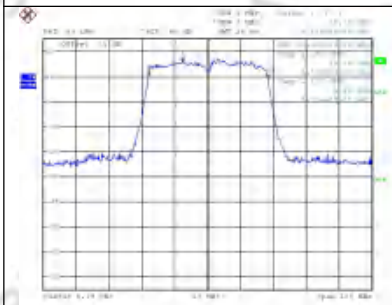
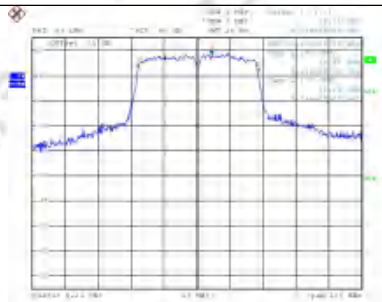
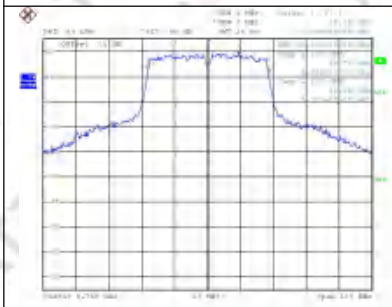
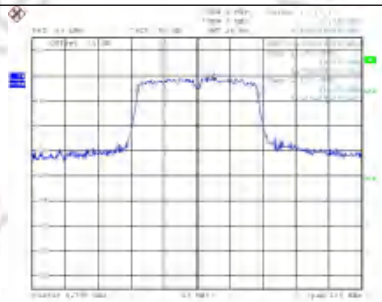
The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

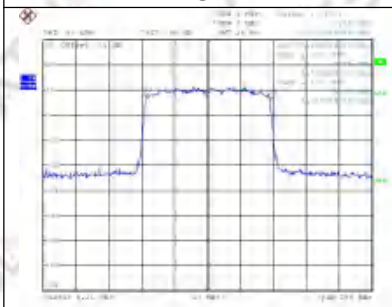
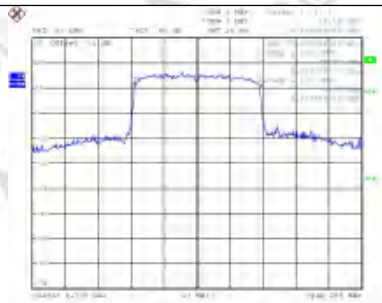
5.2.5. TEST RESULTS

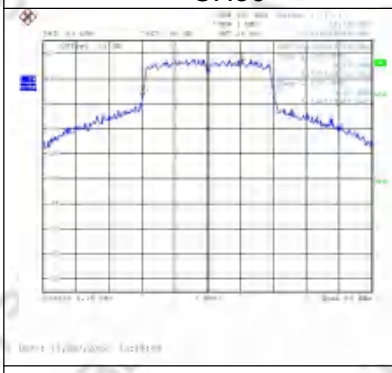
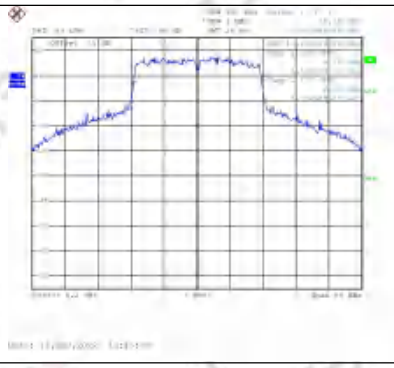
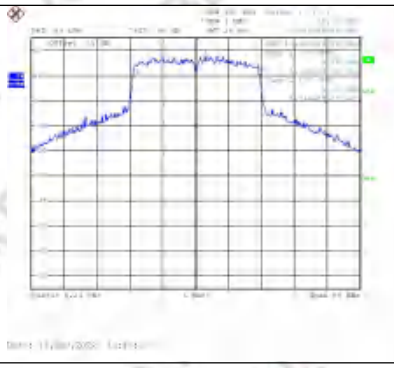
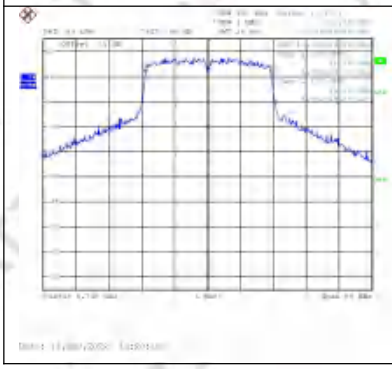
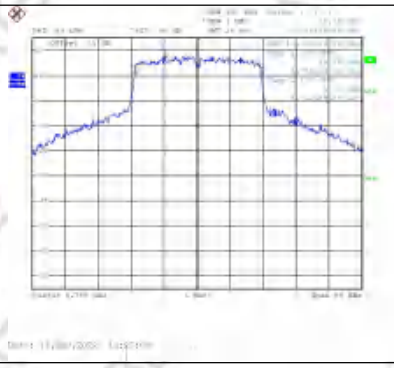
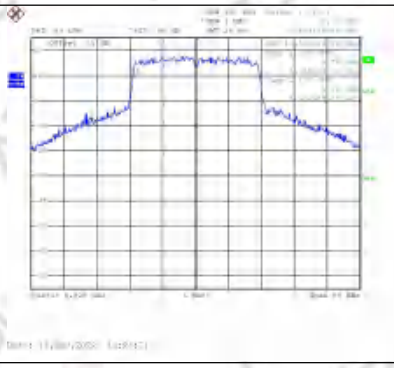
Mode	CH.	Freq.(MHz)	99% OBW(MHz)
802.11a	36	5180	18.100
	40	5200	17.400
	48	5240	17.100
	149	5745	17.000
	157	5785	17.400
	165	5825	17.800
802.11n20	36	5180	18.600
	40	5200	18.300
	48	5240	18.100
	149	5745	18.000
	157	5785	18.200
	165	5825	18.300
802.11n40	38	5190	36.400
	46	5230	36.600
	151	5755	36.800
	159	5795	36.800
802.11ac80	42	5210	75.600
	155	5775	76.400
802.11ax20	36	5180	20.000
	40	5200	19.600
	48	5240	19.400
	149	5745	19.200
	157	5785	19.300
	165	5825	19.500
802.11ax40	38	5190	39.800
	46	5230	38.600
	151	5755	38.600
	159	5795	38.400
802.11ax80	42	5210	77.600
	155	5775	78.000

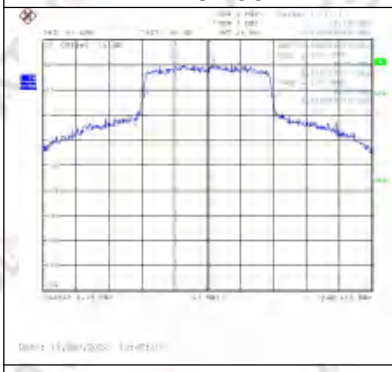
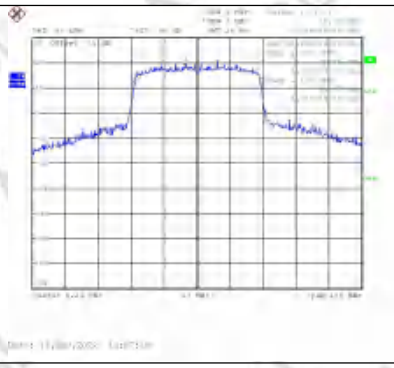
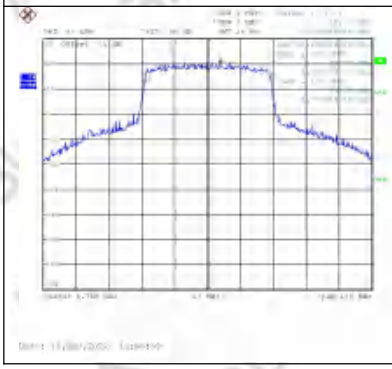
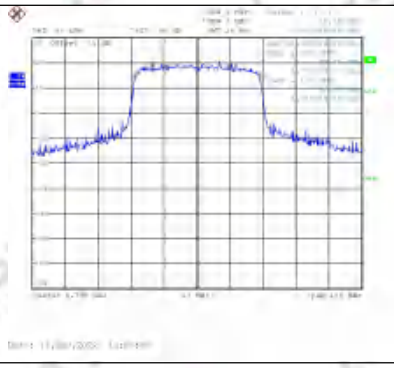
802.11a		
CH36	CH40	CH48
		
CH149	CH157	CH165
		

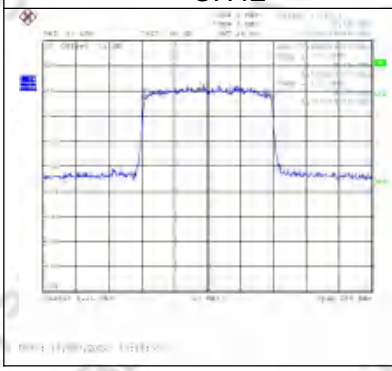
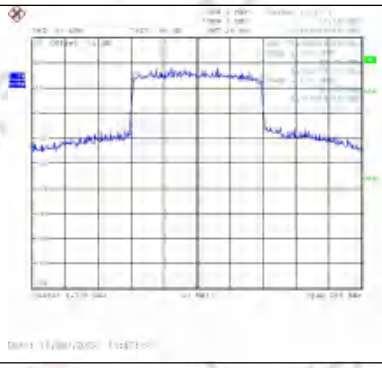
802.11n20		
CH36	CH40	CH48
		
CH149	CH157	CH165
		

802.11n40		
CH38	CH46	N/A
		N/A
CH151	CH159	N/A
		N/A

802.11ac80		
CH42	CH155	N/A
		N/A

802.11ax20		
CH36	CH40	CH48
		
CH149	CH157	CH165
		

802.11ax40		
CH38	CH46	N/A
		N/A
CH151	CH159	N/A
		N/A

802.11ax80		
CH42	CH155	N/A
		N/A

Note：

All modes have been tested, but 802.11ac20 and 802.11ac40 are not the worst modes, so the test data of these two modes are not presented in the report.

5.3. MINIMUM EMISSION BANDWIDTH(6 dB)

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.725-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

5.3.1. TEST PROCEDURE

The testing follows FCC KDB 789033 D02 General UNII Test Procedures v02r01.

a) Set RBW = 100 kHz.

b) Set the video bandwidth (VBW) ≥ 3 × RBW.

c) Detector = Peak.

d) Trace mode = max hold.

e) Sweep = auto couple.

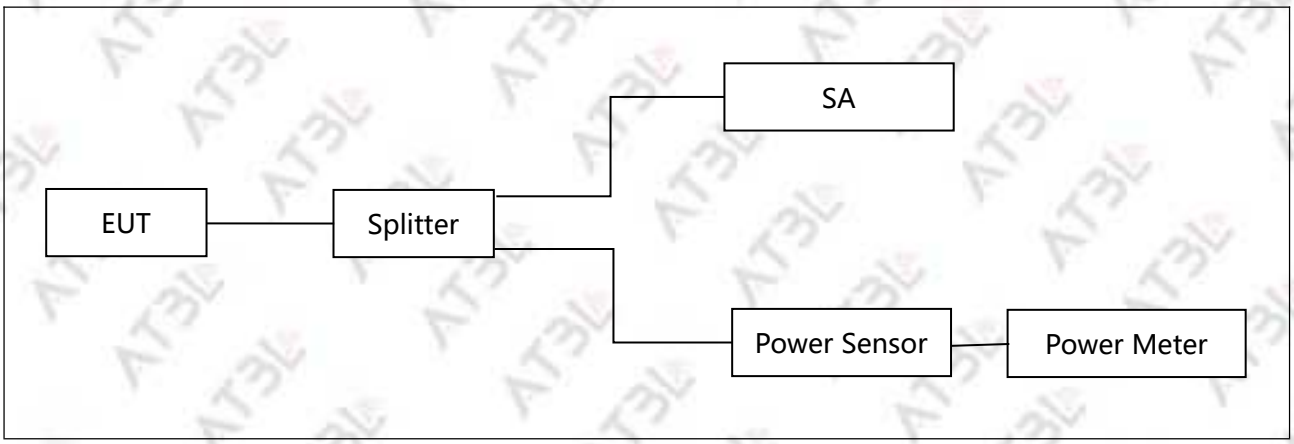
f) Allow the trace to stabilize.

g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.3.2. DEVIATION FROM STANDARD

No deviation.

5.3.3. TEST SETUP

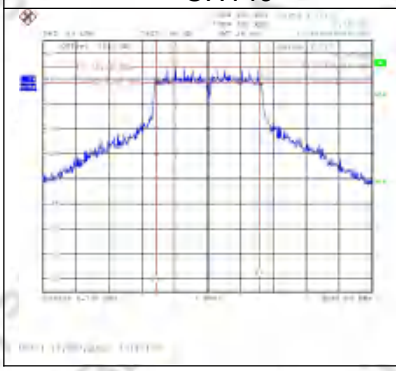
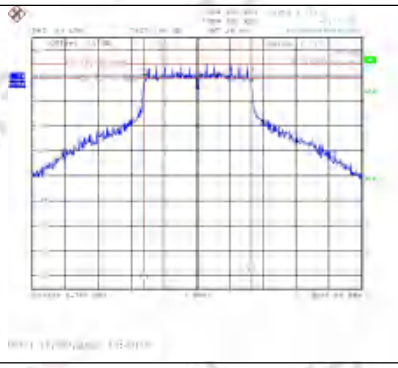
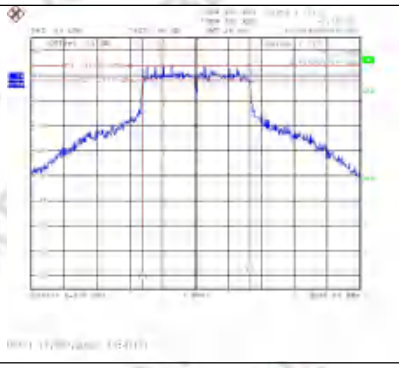


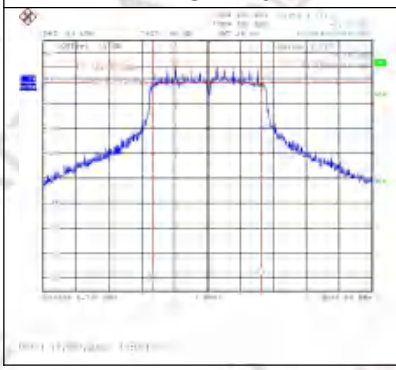
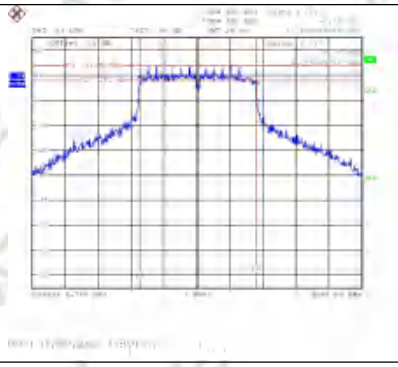
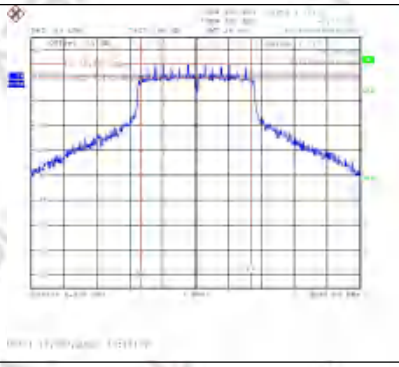
5.3.4. EUT OPERATION CONDITIONS

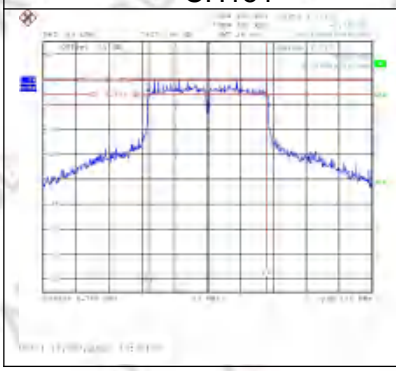
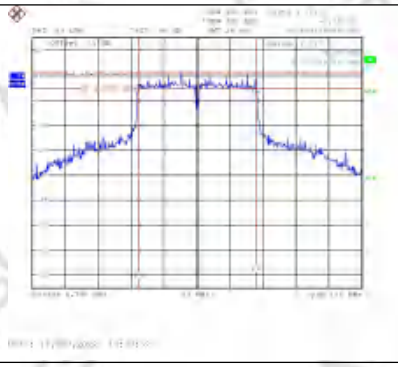
The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

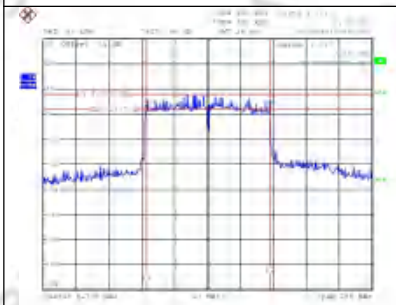
5.3.5. TESTRESULTS

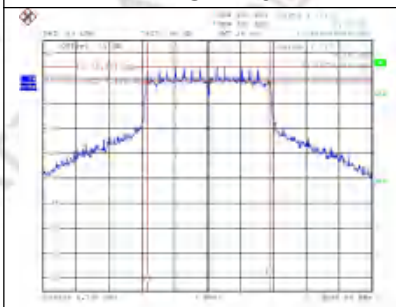
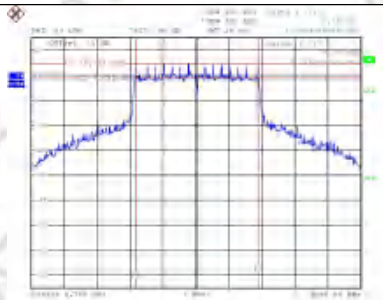
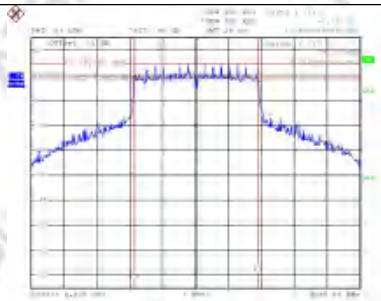
Mode	CH.	Freq.(MHz)	6 dB BW(MHz)	Limit(MHz)	Result
802.11a	149	5745	15.889	0.5	PASS
	157	5785	16.350	0.5	PASS
	165	5825	16.350	0.5	PASS
802.11n20	149	5745	16.590	0.5	PASS
	157	5785	17.650	0.5	PASS
	165	5825	16.890	0.5	PASS
802.11n40	151	5755	36.197	0.5	PASS
	159	5795	35.609	0.5	PASS
802.11ac80	155	5775	75.600	0.5	PASS
802.11ax20	149	5745	16.689	0.5	PASS
	157	5785	18.599	0.5	PASS
	165	5825	18.850	0.5	PASS
802.11ax40	151	5755	37.607	0.5	PASS
	159	5795	36.800	0.5	PASS
802.11ax80	155	5775	76.800	0.5	PASS

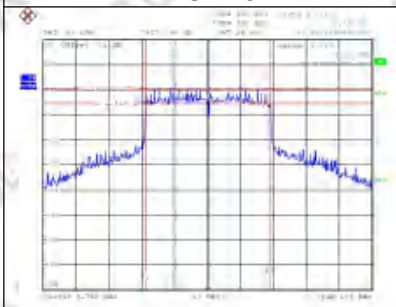
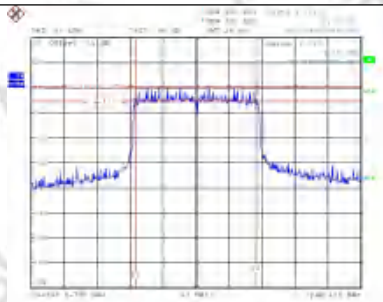
802.11a		
CH149	CH157	CH165
		

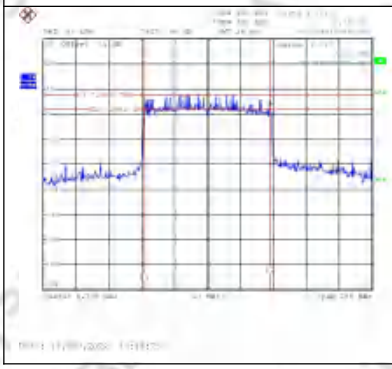
802.11n20		
CH149	CH157	CH165
		

802.11n40		
CH151	CH159	N/A
		N/A

802.11ac80		
CH155	N/A	N/A
	N/A	N/A

802.11ax20		
CH149	CH157	CH165
		

802.11ax40		
CH151	CH159	N/A
		N/A

802.11ax80		
CH155	N/A	N/A
	N/A	N/A

Note：

All modes have been tested, but 802.11ac20 and 802.11ac40 are not the worst modes, so the test data of these two modes are not presented in the report.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1. LIMIT

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.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. If transmitting antennas of directional gain greater than 6 dBi are used.

FCC Part15 (15.407) , Subpart E				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.407(a)	Maximum Conducted Output Power	1 watt	5150-5250	PASS
		1 watt	5725-5825	

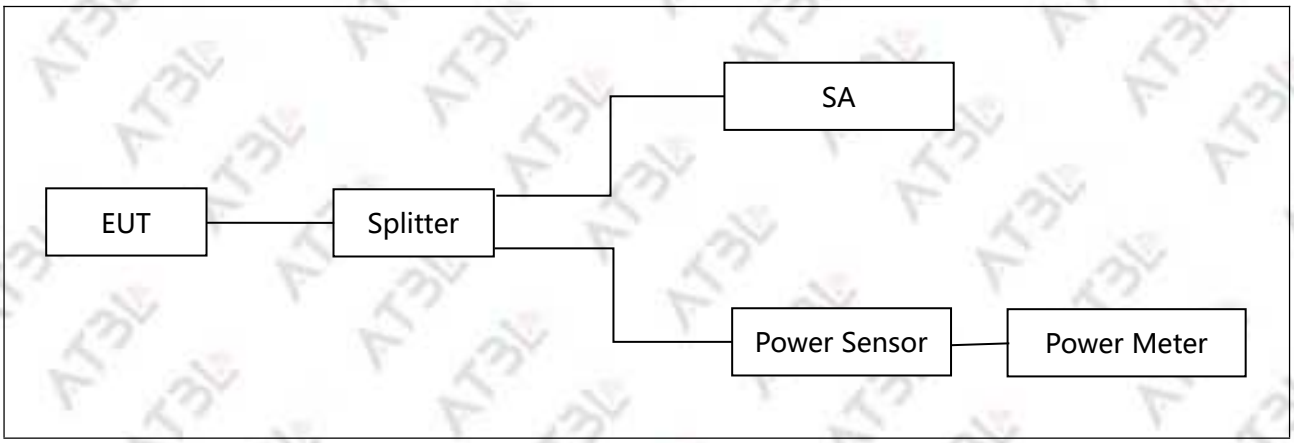
6.2. TEST PROCEDURE

The test was performed in accordance with method of article 12.3.3.1 Method PM from ANSI C63.10-2013 .

6.3. DEVIATION FROM STANDARD

No deviation.

6.4. TEST SETUP



6.5. EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 5 Unless otherwise a special operating condition is specified in the follows during the testing.

6.6. TEST RESULTS

5150MHz-5250MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0	1.6	0.51	23.38	23.89	30	PASS
40	5200	0	2.1	0.51	23.63	24.14	30	PASS
48	5240	0	1.6	0.51	25.00	25.51	30	PASS
36	5180	1	2.1	0.51	23.15	23.66	30	PASS
40	5200	1	1.6	0.51	23.82	24.33	30	PASS
48	5240	1	2.1	0.51	24.70	25.21	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0+1	26.79	30	PASS
40	5200	0+1	27.25	30	PASS
48	5240	0+1	28.37	30	PASS

802.11n20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0	1.6	0.53	18.34	18.87	30	PASS
40	5200	0	2.1	0.53	18.53	19.06	30	PASS
48	5240	0	1.6	0.53	19.09	19.62	30	PASS
36	5180	1	2.1	0.53	18.96	19.49	30	PASS
40	5200	1	1.6	0.53	18.88	19.41	30	PASS
48	5240	1	2.1	0.53	19.11	19.64	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0+1	22.20	30	PASS
40	5200	0+1	22.25	30	PASS
48	5240	0+1	22.64	30	PASS

802.11n40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
38	5190	0	1.6	0.52	19.24	19.76	30	PASS
46	5230	0	2.1	0.52	18.49	19.01	30	PASS
38	5190	1	1.6	0.52	19.38	19.90	30	PASS
46	5230	1	2.1	0.52	18.31	18.83	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
38	5190	0+1	22.84	30	PASS
46	5230	0+1	21.93	30	PASS

802.11ac20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0	1.6	0.55	18.33	18.88	30	PASS
40	5200	0	2.1	0.55	18.49	19.04	30	PASS
48	5240	0	1.6	0.55	18.96	19.51	30	PASS
36	5180	1	2.1	0.55	18.82	19.37	30	PASS
40	5200	1	1.6	0.55	18.73	19.28	30	PASS
48	5240	1	2.1	0.55	18.97	19.52	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0+1	22.14	30	PASS
40	5200	0+1	22.17	30	PASS
48	5240	0+1	22.53	30	PASS

802.11ac40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
38	5190	0	1.6	0.51	19.21	19.72	30	PASS
46	5230	0	2.1	0.51	18.46	18.97	30	PASS
38	5190	1	1.6	0.51	19.35	19.86	30	PASS
46	5230	1	2.1	0.51	18.07	18.58	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
38	5190	0+1	22.80	30	PASS
46	5230	0+1	21.79	30	PASS

802.11ac80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
42	5210	0	1.6	0.52	20.69	21.21	30	PASS
42	5210	1	2.1	0.52	20.82	21.34	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
42	5210	0+1	24.29	30	PASS

802.11ax20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0	1.6	0.50	19.34	19.84	30	PASS
40	5200	0	2.1	0.50	17.65	18.15	30	PASS
48	5240	0	1.6	0.50	17.52	18.02	30	PASS
36	5180	1	2.1	0.50	19.48	19.98	30	PASS
40	5200	1	1.6	0.50	17.70	18.20	30	PASS
48	5240	1	2.1	0.50	17.77	18.27	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
36	5180	0+1	22.92	30	PASS
40	5200	0+1	21.19	30	PASS
48	5240	0+1	21.16	30	PASS

802.11ax40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
38	5190	0	1.6	0.60	19.17	19.77	30	PASS
46	5230	0	2.1	0.60	19.18	19.78	30	PASS
38	5190	1	1.6	0.60	19.04	19.64	30	PASS
46	5230	1	2.1	0.60	19.12	19.72	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
38	5190	0+1	22.72	30	PASS
46	5230	0+1	22.76	30	PASS

802.11ax80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
42	5210	0	1.6	1.14	18.69	19.83	30	PASS
42	5210	1	2.1	1.14	18.89	20.03	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
42	5210	0+1	22.94	30	PASS

5470MHz-5825MHz

802.11a

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0	1.6	0.51	26.05	26.56	30	PASS
157	5785	0	2.1	0.51	26.53	27.04	30	PASS
165	5825	0	1.6	0.51	26.62	27.13	30	PASS
149	5745	1	2.1	0.51	25.89	26.40	30	PASS
157	5785	1	1.6	0.51	25.95	26.46	30	PASS
165	5825	1	2.1	0.51	26.03	26.54	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0+1	29.49	30	PASS
157	5785	0+1	29.77	30	PASS
165	5825	0+1	29.86	30	PASS

802.11n20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0	1.6	0.53	26.21	26.74	30	PASS
157	5785	0	2.1	0.53	26.39	26.92	30	PASS
165	5825	0	1.6	0.53	26.16	26.69	30	PASS
149	5745	1	2.1	0.53	26.10	26.63	30	PASS
157	5785	1	1.6	0.53	26.32	26.85	30	PASS
165	5825	1	2.1	0.53	26.14	26.67	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0+1	29.70	30	PASS
157	5785	0+1	29.90	30	PASS
165	5825	0+1	29.69	30	PASS

802.11n40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
151	5755	0	1.6	0.52	26.41	26.93	30	PASS
159	5795	0	2.1	0.52	26.46	26.98	30	PASS
151	5755	1	1.6	0.52	26.11	26.63	30	PASS
159	5795	1	2.1	0.52	26.23	26.75	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
151	5755	0+1	29.79	30	PASS
159	5795	0+1	29.88	30	PASS

802.11ac20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0	1.6	0.55	26.18	26.73	30	PASS
157	5785	0	2.1	0.55	26.38	26.93	30	PASS
165	5825	0	1.6	0.55	26.12	26.67	30	PASS
149	5745	1	2.1	0.55	26.01	26.56	30	PASS
157	5785	1	1.6	0.55	26.07	26.62	30	PASS
165	5825	1	2.1	0.55	26.11	26.66	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0+1	29.66	30	PASS
157	5785	0+1	29.79	30	PASS
165	5825	0+1	29.68	30	PASS

802.11ac40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
151	5755	0	1.6	0.51	26.14	26.65	30	PASS
159	5795	0	2.1	0.51	25.84	26.35	30	PASS
151	5755	1	1.6	0.51	26.01	26.52	30	PASS
159	5795	1	2.1	0.51	25.78	26.29	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
151	5755	0+1	29.60	30	PASS
159	5795	0+1	29.33	30	PASS

802.11ac80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
155	5775	0	1.6	0.52	26.00	26.52	30	PASS
155	5775	1	2.1	0.52	25.81	26.33	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
155	5775	0+1	29.44	30	PASS

802.11ax20

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0	1.6	0.50	26.62	27.12	30	PASS
157	5785	0	2.1	0.50	26.47	26.97	30	PASS
165	5825	0	1.6	0.50	26.14	26.64	30	PASS
149	5745	1	2.1	0.50	26.01	26.51	30	PASS
157	5785	1	1.6	0.50	26.02	26.52	30	PASS
165	5825	1	2.1	0.50	25.98	26.48	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
149	5745	0+1	29.84	30	PASS
157	5785	0+1	29.76	30	PASS
165	5825	0+1	29.57	30	PASS

802.11ax40

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
151	5755	0	1.6	0.60	26.29	26.89	30	PASS
159	5795	0	2.1	0.60	25.64	26.24	30	PASS
151	5755	1	1.6	0.60	26.02	26.62	30	PASS
159	5795	1	2.1	0.60	25.63	26.23	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
151	5755	0+1	29.77	30	PASS
159	5795	0+1	29.25	30	PASS

802.11ax80

CH.	Freq. MHz	Ant. No.	Ant. Gain (dBi)	Duty Factor (dB)	Power Reading (dBm)	Conducted Power (dBm)	Limit (dBm)	Result
155	5775	0	1.6	1.14	25.70	26.84	30	PASS
155	5775	1	2.1	1.14	25.79	26.93	30	PASS

CH.	Freq. MHz	Ant. No.	Conducted Power (dBm)	Limit (dBm)	Result
155	5775	0+1	29.90	30	PASS

7. AUTOMATICALLY DISCONTINUE TRANSMISSION

7.1. LIMIT OF AUTOMATICALLY DISCONTINUE TRANSMISSION

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

7.2. TEST RESULT OF AUTOMATICALLY DISCONTINUE TRANSMISSION

During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

8. ANTENNA REQUIREMENT

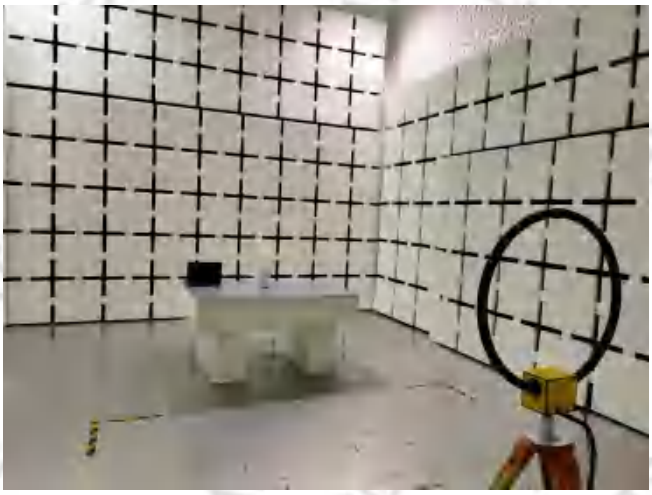
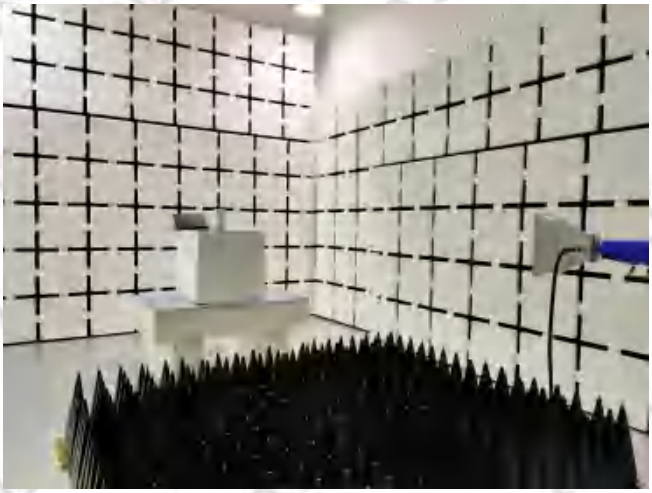
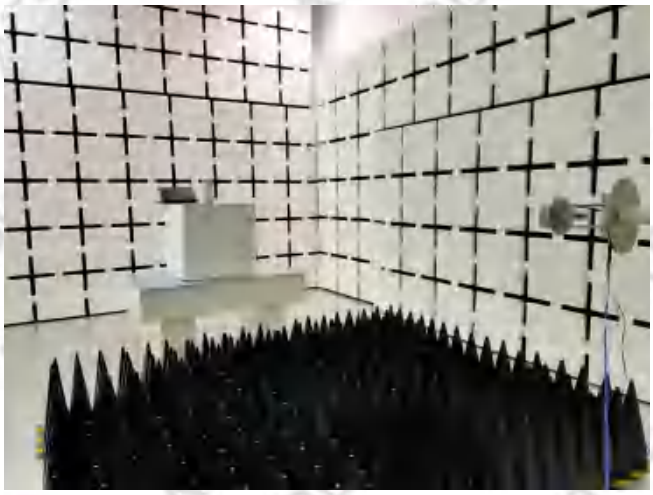
8.1. STANDARD REQUIREMENT

15.203 requirement: For intentional device, according to 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.

8.2. EUT ANTENNA

The EUT antenna is PCB Antenna. It comply with the standard requirement.

APPENDIX- PHOTOS OF TEST SETUP

AC Power Line Conducted Emissions	Radiated Emissions for 9kHz~30MHz
	
Radiated Emissions for 30MHz~1GHz	Radiated Emissions for 1GHz~18GHz
	
Radiated Emissions for above 18GHz	N/A
	N/A

※※※※※END OF THE REPORT※※※※※