RF Test Report

Applicant	:	Iconnect
Product Type	:	802.11ac WiFi Dual-Band AP/Bridge
Trade Name	:	ALFA
Model Number	:	MatrixPro 2, Matrix 2X, Matrix 2, Matrix 2-EX, AP120C-AC, N52Q, APAC-5824, IWA-AP102, WA512G, AP120CU-AC PCBA, AP120C-AC PCBA, Range-ACX, Range-AC
Test Specification	:	FCC 47 CFR PART 15 SUBPART E ANSI C63.10:2013
Receive Date	:	Mar. 22, 2019
Test Period	:	Jul. 23 ~ Jul. 30, 2019
Issue Date	:	Aug. 28, 2019

Issue by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade District,
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Taiwan Accreditation Foundation accreditation number: 1330
Test Firm MRA designation number: TW0010

Note:
1.The test results are valid only for samples provided by customers and under the test conditions described in this report.
2.This report shall not be reproduced except in full, without the written approval of A Test Lab Technology Corporation.
3.The relevant information is provided by customers in this test report. According to the correctness, appropriateness or completeness of the information provided by the customer, if there is any doubt or error in the information which affects the validity of the test results, the laboratory does not take the responsibility.

Revision History

Rev.	Issue Date	Revisions	Revised By
00	Aug. 13, 2019	Initial Issue	Tobey Cheng
01	Aug. 28, 2019	Page 1 & 3 & 7 Revised Model Number.	Tobey Cheng

Verification of Compliance

Issued Date: Aug. 28, 2019

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FCC ID	:	2AB874018
EUT Rated Voltage	:	DC 48 V, 500 mA
Test Voltage	:	120 Vac / 60 Hz
Applicable Standard	:	FCC 47 CFR PART 15 SUBPART E ANSI C63.10:2013
Test Result	:	Complied
Performing Lab.	:	A Test Lab Techno Corp. No. 140-1, Changan Street, Bade District, Taoyuan City 33465, Taiwan (R.O.C.) Tel：+86-3-2710188 / Fax：+86-3-2710190 Taiwan Accreditation Foundation accreditation number: 1330 http://www.atl-lab.com.tw/e-index.htm

A Test Lab Techno Corp. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by A Test Lab Techno Corp. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By	:	Fly Lu	Reviewed By	:	Ken Yang
(Manager)		(Fly Lu)	(Testing Engineer)		(Ken Yang)

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1 General Information

1.1. Summary of Test Result

Standard	Item	Result	Remark
15.407(b)(6) 15.207	AC Power Conducted Emission	PASS	----
15.407(b) 15.205 / 15.209	Transmitter Radiated Emissions	PASS	----
15.407(a)	Maximum Conducted Output Power	PASS	----
15.407(a)	26 dB RF Bandwidth & 99 % Occupied Bandwidth	Reference	----
15.407(e)	6 dB RF Bandwidth	PASS	-------
15.407(a)	Maximum Power Spectral Density	PASS	----
15.407(c)	Automatically discontinue transmission	PASS	----
15.407(a) 15.203	Antenna Requirement	PASS	Note

Note: This device must be professionally installed.

Standard	Description
CFR47, Part 15, Subpart C	Intentional Radiators
CFR47, Part 15, Subpart E	Unlicensed National Information Infrastructure Devices
ANSI C63. 10: 2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB789033: D02	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
KDB 662911 D01 v02r01	Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc)

1.2. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty (dB)
Conducted Emission	150 kHz ~ 30 MHz	2.8
Radiated Emission	9 kHz ~ 30 MHz	1.7
	30 MHz ~ 1000 MHz	5.7
	1000 MHz ~ 18000 MHz	5.6
	18000 MHz ~ 26500 MHz	4.9
	26500 MHz ~ 40000 MHz	4.8
Conducted Output Power		+0.27 dB / -0.28 dB
RF Bandwidth		4.96 %
Power Spectral Density		+0.71 dB / -0.77 dB
Frequency Stability		+ 2.212 x 10-7 % / - 2.170 x 10-7
Duty Cycle		1.06 %
Time Occupancy		1.40 %

Decision Rule

■ Uncertainty is not included.

□ Uncertainty is included.

2 EUT Description

Applicant	Iconnect No.9, Aly. 58, Ln. 112, Ruiguang Rd., Neihu Dist.,Taipei City, 114 ,Taiwan				
Manufacturer	Iconnect No.9, Aly. 58, Ln. 112, Ruiguang Rd., Neihu Dist.,Taipei City, 114 ,Taiwan				
Product Type	802.11ac WiFi Dual-Band AP/Bridge				
Trade Name	ALFA				
Model Number	MatrixPro 2, Matrix 2X, Matrix 2, Matrix 2-EX, AP120C-AC, N52Q, APAC-5824, IWA-AP102, WA512G, AP120CU-AC PCBA, AP120C-AC PCBA, Range-ACX, Range-AC				
Models different description	The different lies in the appearance of the material, as follows : Iron shell : MatrixPro 2 Plastic shell : Matrix 2X Iron shell / Plastic shell : Matrix 2, Matrix 2-EX, AP120C-AC, N52Q, APAC-5824, IWA-AP102, WA512G, AP120CU-AC PCBA, AP120C-AC PCBA, Range-ACX, Range-AC Due to market demand, several series models are added. rest of the spare parts such as circuit design and printed circuit boards remain the same.				
FCC ID	2AB874018				
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels	
	IEEE 802.11a	U-NII Band I	5180 – 5240	3	
		U-NII Band III	5745 – 5825	3	
	IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz	U-NII Band I	5180 – 5240	3	
		U-NII Band III	5745 – 5825	3	
	IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz	U-NII Band I	5190 – 5230	2	
		U-NII Band III	5755 – 5795	2	
	IEEE 802.11ac 80 MHz	U-NII Band I	5210	1	
		U-NII Band III	5775	1	
Modulation Type	OFDM				
Equipment Type	Master				
Antenna information	ANT	Manufacturer	Model Number	Type	Max. Gain (dBi)
	ANT-0 / ANT-1	Alfa Networks Inc.	AOA-2458-59-TM	External antenna (N Type)	9.00
	Note: Antenna connector is N type and this device must be professionally installed				
Antenna Delivery	Reference section 3.1				
Operate Temp. Range	-40 ~ 40 ℃				

Frequency Band		RF Output Power (W)
IEEE 802.11a	U-NII Band I	0.147
	U-NII Band III	0.220
IEEE 802.11ac 20 MHz	U-NII Band I	0.148
	U-NII Band III	0.220
IEEE 802.11ac 40 MHz	U-NII Band I	0.091
	U-NII Band III	0.122
IEEE 802.11ac 80 MHz	U-NII Band I	0.008
	U-NII Band III	0.035

Equipment Type		
Outdoor access point	point-to-point	----
	point-to-multipoint	----
Indoor access point		V
Fixed point-to-point access points		----
Client devices		----

3 Test Methodology

3.1. Mode of Operation

Decision of Test ATL has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Test Mode
Mode 1: Transmit mode
Mode 2: IEEE 802.11a Continuous TX mode
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode

Software used to control the EUT for staying in continuous transmitting mode was programmed.
After verification, all tests were carried out with the worst case test modes.

Test Mode	ANT-0	ANT-1	ANT-0+1
Mode 2	V	V	V
Mode 3	V	V	V
Mode 4	V	V	V
Mode 5	V	V	V

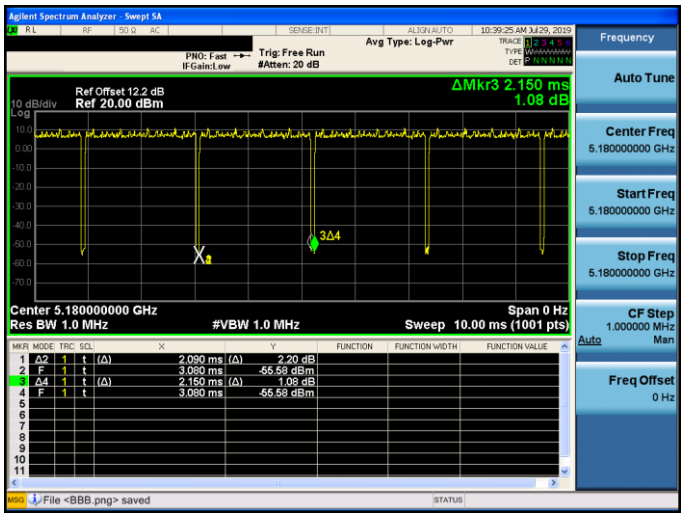
Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 2	2TX (CDD)	6	U-NII Band I	36, 40, 48
			U-NII Band III	149, 157, 165
Mode 3	2TX (MIMO)	13	U-NII Band I	36, 40, 48
			U-NII Band III	149, 157, 165
Mode 4	2TX (MIMO)	27	U-NII Band I	38, 46
			U-NII Band III	151,159
Mode 5	2TX (MIMO)	58.6	U-NII Band I	42
			U-NII Band III	155

Duty cycle

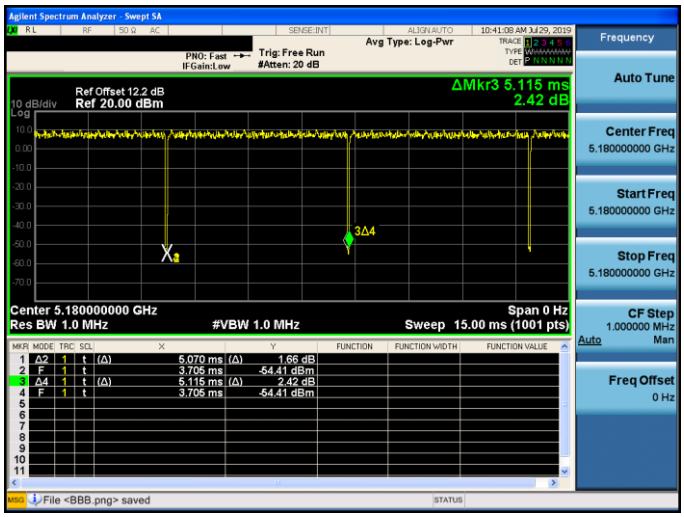
Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	5180.0	2.090	2.150	0.972	0.123	0.478
Mode 3	5180.0	5.070	5.115	0.991	0.038	0.010
Mode 4	5190.0	2.460	2.520	0.976	0.105	0.407
Mode 5	5210.0	1.160	1.225	0.947	0.237	0.862

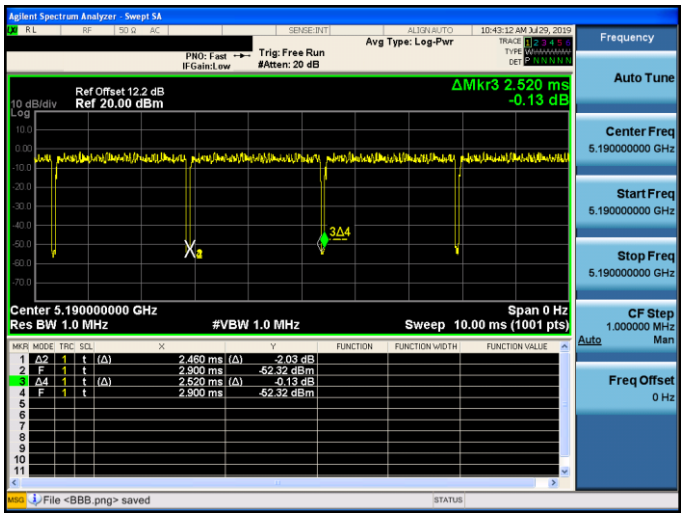
Duty Cycle Graphs

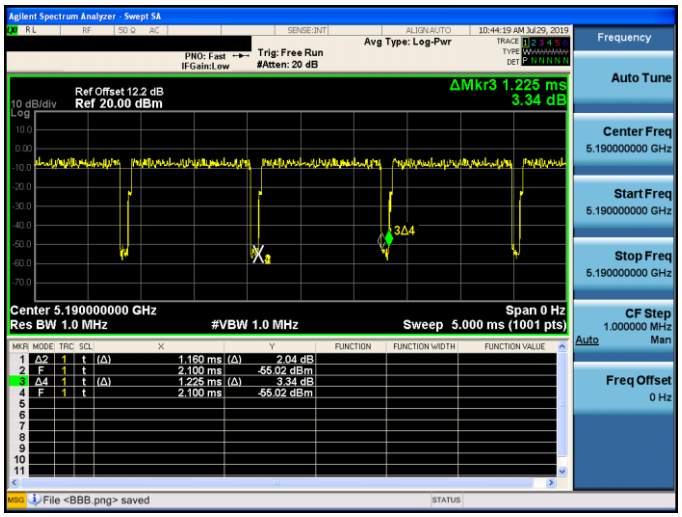
Mode 2: IEEE 802.11a Continuous TX mode



Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode



Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode


Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode


3.2. EUT Test Step

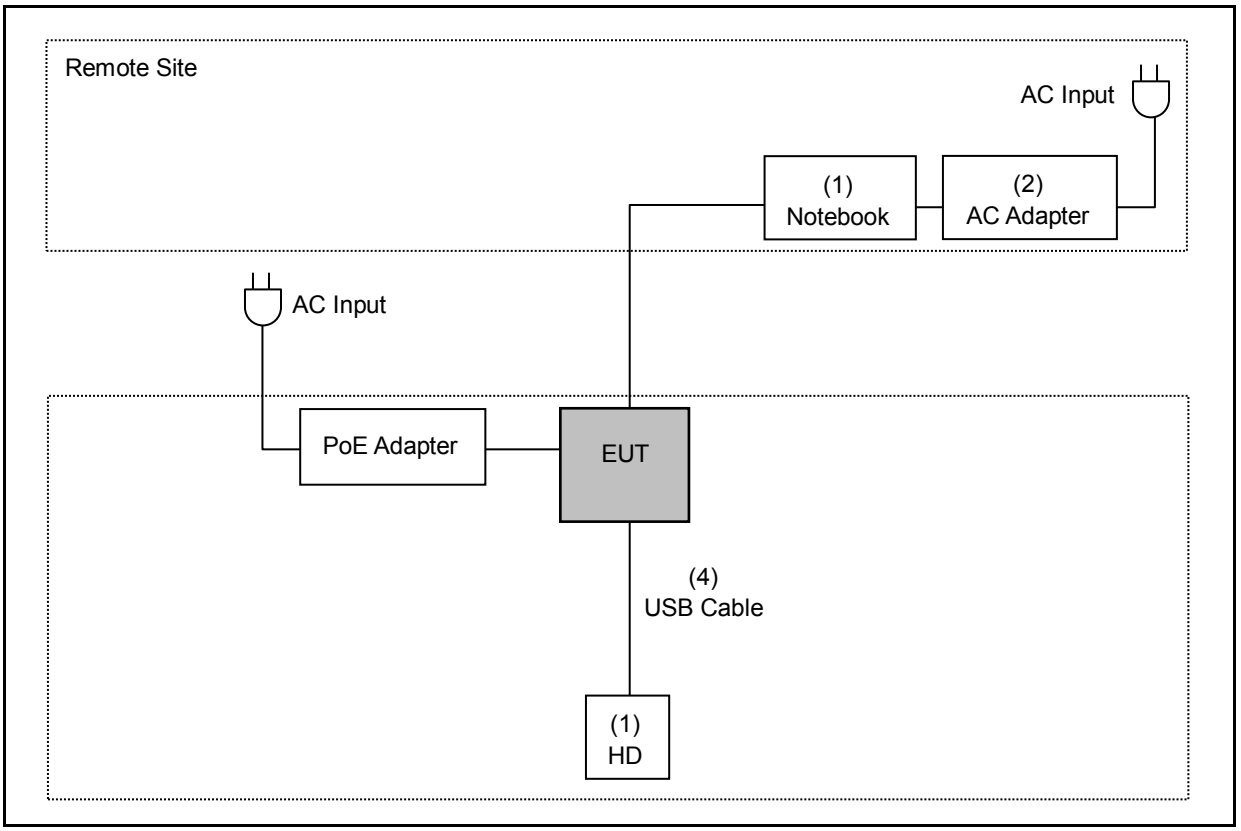
The EUT is operated in the engineering mode to fix the TX frequency for the purposes of measurement. According to its specifications, the EUT must comply with the requirements of Section 15.407 under the FCC Rules Part 15 Subpart E.

1.	Setup the EUT shown on “Configuration of Test System Details”.
2.	Turn on the power of all equipment.
3.	Turn on TX function.
4.	EUT run test program.

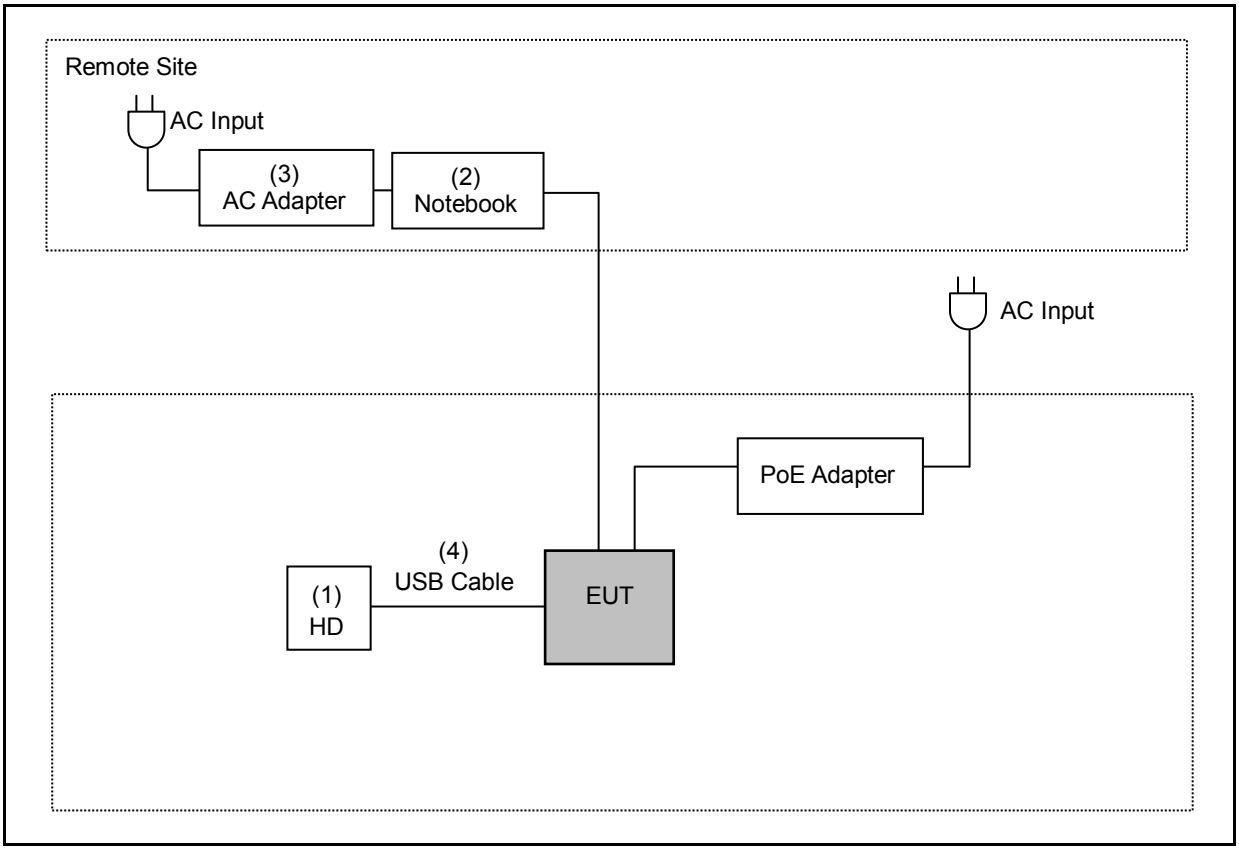
Measurement Software			
No.	Description	Software	Version
1	Conducted Emission	EZ EMC	1.1.4.3
2	Radiated Emission	EZ EMC	1.1.4.4

3.3. Configuration of Test System Details

Conducted Emissions



Radiated Emissions



Devices Description					
Product		Manufacturer	Model Number	Serial Number	Power Cord
(1)	HD	Transend	TS1TSJ25A3K-RU	D72654-0611	Shielded, 0.46 m
(2)	Notebook	DELL	LATITUDE E6440	5HZBD72	---
(3)	AC Adapter	DELL	HA65NM130	---	Non-Shielded, 0.8 m
(4)	USB Cable	Transend	---	---	---

3.4. Test Instruments

For Conducted Emission

Test Period: Jul. 30, 2019

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Test Receiver	R&S	ESCI	100367	05/23/2019	1 year
LISN	R&S	ENV216	101040	04/03/2019	1 year
RF Cable	Woken	00100D1380194M	TE-02-03	05/23/2019	1 year

For Radiated Emissions

Test Period: Jul. 23 ~ Jul. 26, 2019

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9010A	MY52221312	01/14/2019	1 year
Pre Amplifier (1~26.5 GHz)	Agilent	8449B	3008A02237	10/16/2018	1 year
Pre Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	01/14/2019	1 year
Pre Amplifier (26.5~40 GHz)	EMCI	EMC2654045	980028	08/23/2018	1 year
Broadband Antenna	Schwarzbeck	VULB9168	416	10/19/2018	1 year
Horn Antenna (1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	08/23/2018	1 year
Horn Antenna (18~40 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	08/07/2018	1 year
Loop Antenna	COM-POWER CORPORATION	AL-130	121014	03/29/2019	1 year
RF Cable	EMCI	EMC104-N-N-6000	TE01-1	02/20/2019	1 year
Microwave Cable	EMCI	EMC104-SM -SM-13000	170814	10/30/2018	1 year
Microwave Cable	EMCI	EMC102-KM -KM-14000	151001	02/20/2019	1 year

Note: N.C.R. = No Calibration Request.

For Conducted
Test Period: Jul. 26 ~ Jul. 30, 2019

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	09/25/2018	1 year
Power Sensor	Anritsu	MA2411B	1126022	08/29/2018	1 year
Power Meter	Anritsu	ML2495A	1135009	08/29/2018	1 year

Note: N.C.R. = No Calibration Request.

3.5. Test Site Environment

Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	26
Humidity (%RH)	25-75	60
Barometric pressure (mbar)	860-1060	990

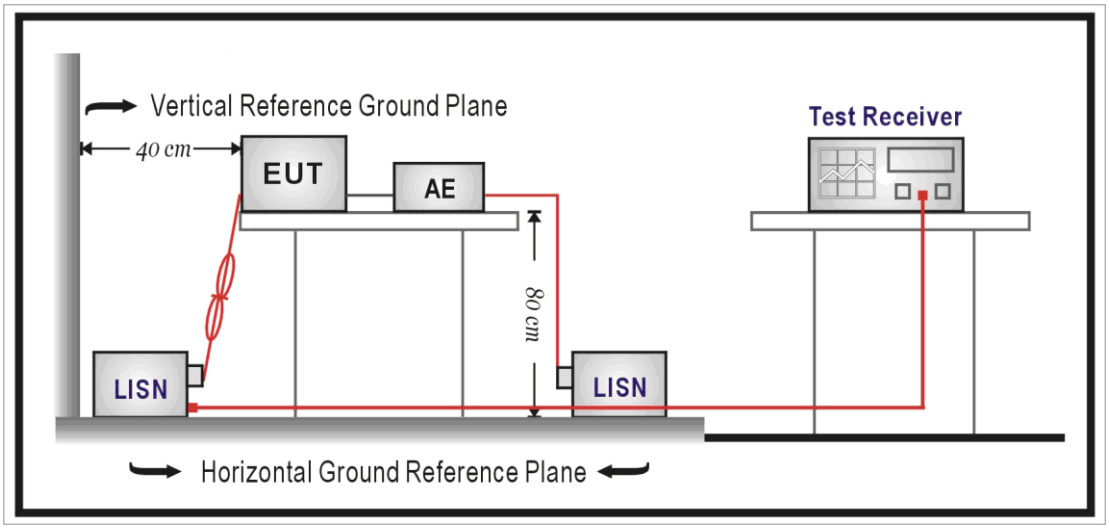
4 Measurement Procedure

4.1. AC Power Conducted Emission Measurement

■ **Limit**

Frequency (MHz)	Quasi-peak	Average
0.15 - 0.5	66 to 56	56 to 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

■ **Test Setup**



■ **Test Procedure**

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 Ω// 50 uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50 Ω// 50 uH coupling impedance with 50 ohm termination.

Tabletop device shall be placed on a non-conducting platform, of nominal size 1 m by 1.5 m, raised 80 cm above the reference ground plane. The wall of screened room shall be located 40 cm to the rear of the EUT. Other surfaces of tabletop or floor standing EUT shall be at least 80 cm from any other ground conducting surface including one or more LISNs. For floor-standing device shall be placed under the EUT with a 12 mm insulating material.

Conducted emissions were investigated over the frequency range from 0.15 MHz to 30 MHz using a resolution bandwidth of 9 kHz. The equipment under test (EUT) shall be meet the limits in section 4.1, as applicable, including the average limit and the quasi-peak limit when using respectively, an average detector and quasi-peak detector measured in accordance with the methods described of related standard. When all of peak value were complied with quasi-peak and average limit from 150 kHz to 30 MHz then quasi-peak and average measurement was unnecessary.

The AMN shall be placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for AMNs mounted on top of the ground reference plane. This distance is between the closest points of the AMN and the EUT. All other units of the EUT and associated equipment shall be at least 0.8 m from the AMN. If the mains power cable is longer than 1 m then the cable shall be folded back and forth at the centre of the lead to form a bundle no longer than 0.4 m. All of 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 cm to 40 cm long. All of EUT and AE shall be separate place more than 0.1 m. All 50 Ω ports of the LISN shall be resistively terminated into 50 Ω loads when not connected to the measuring instrument.

If the reading of the measuring receiver shows fluctuations close to the limit, the reading shall be observed for at least 15 s at each measurement frequency; the higher reading shall be recorded with the exception of any brief isolated high reading which shall be ignored

4.2. Transmitter Radiated Emissions Measurement

■ **Limit**

(1)Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(a)For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(b)For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(c)For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(d)For transmitters operating in the 5.725-5.85 GHz band:

(i)All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(2)Limits of Radiated Emission Measurement

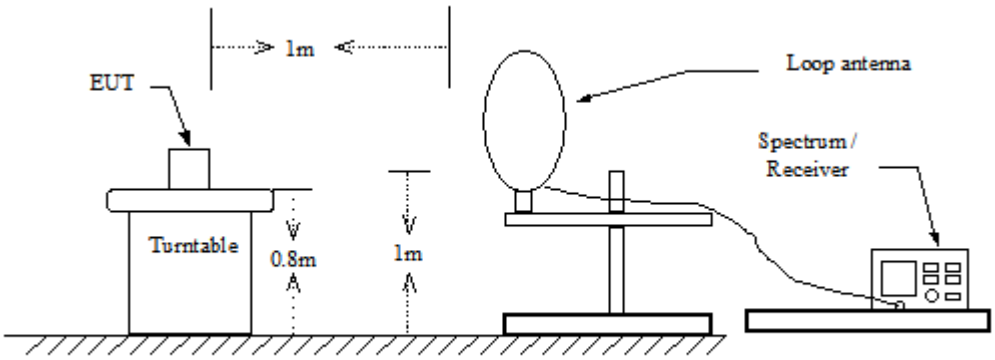
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequency Range (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	10	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

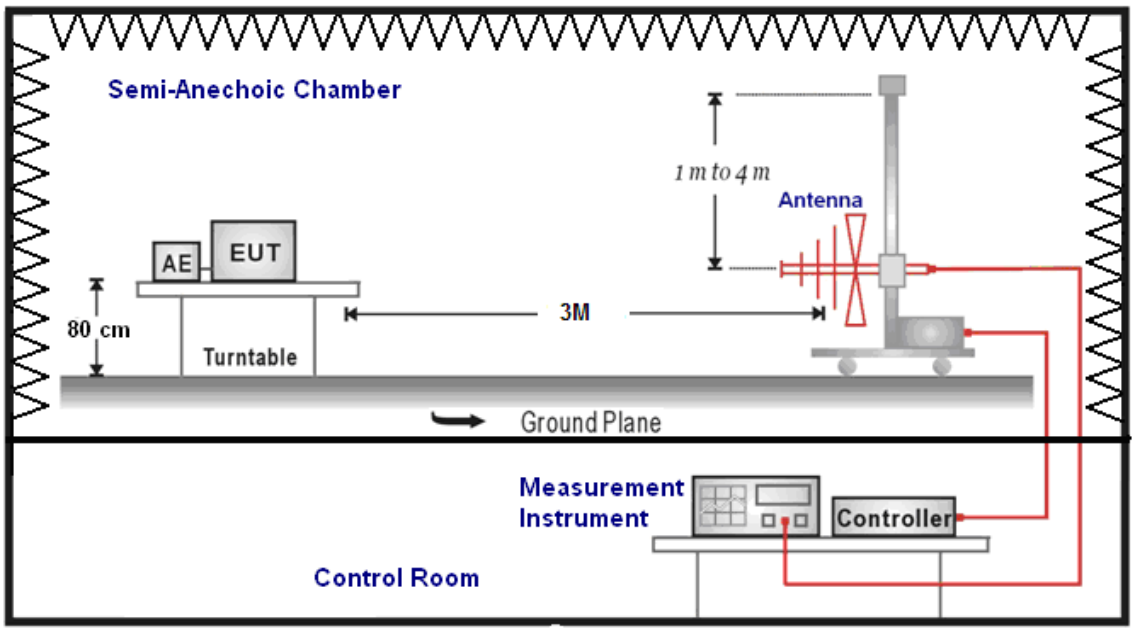
Note: 1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

■ **Setup**

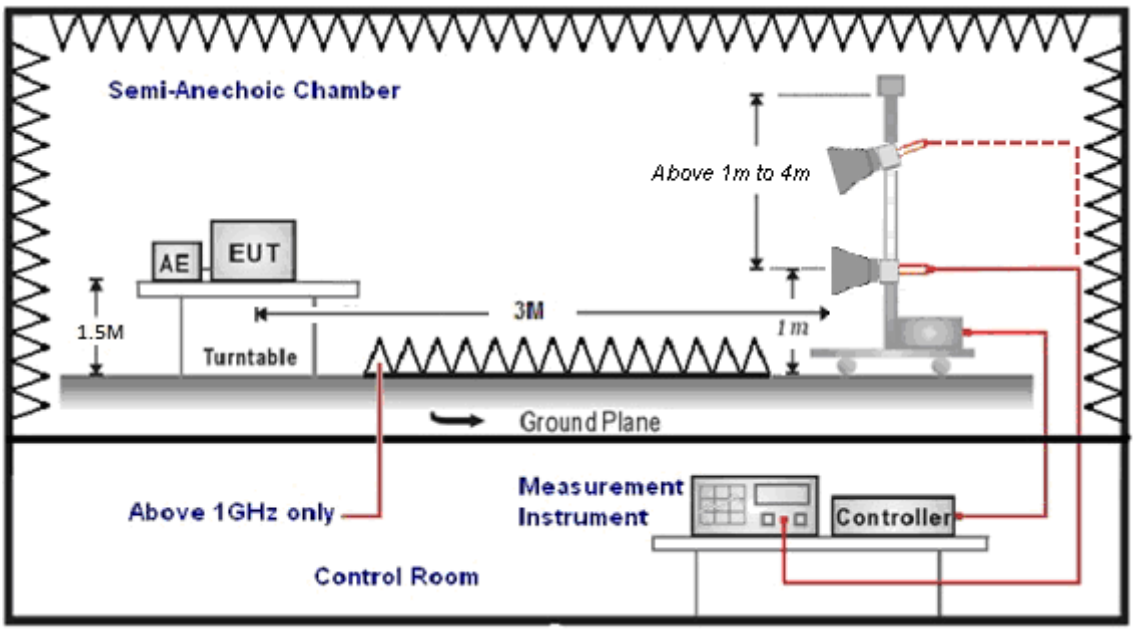
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz


Semi-Anechoic Chamber
Above 1m to 4m
AE
EUT
1.5M
3M
1m
Turntable
Ground Plane
Above 1GHz only
Measurement
Instrument
Controller
Control Room

■ **Test Procedure**

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 or 1.5 meters height(below 1 GHz use 0.8 m turntable / above 1 GHz use 1.5 m turntable), top surface 1.0 x 1.5 meter. The spectrum was examined from 250 MHz to 2.5 GHz in order to cover the whole spectrum below 10th harmonic which could generate from the EUT. During the test, EUT was set to transmit continuously & Measurements spectrum range from 9 kHz to 40 GHz is investigated.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For restricted measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 3 MHz for peak measurements and 10 Hz for average measurements when Duty cycle > 0.98 / 1/T for average measurements when Duty cycle < 0.98.

For out of band measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 3 MHz for peak measurements.

A nonconductive material surrounded the EUT to supporting the EUT for standing on tree orthogonal planes. At each condition, the EUT was rotated 360 degrees, and the antenna was raised and lowered from one to four meters to find the maximum emission levels. Measurements were taken using both horizontal and vertical antenna polarization.

SCHWARZBECK MESS-ELEKTRONIK Trilog-Broadband Antenna at 3 Meter and the ETS-Lindgren Double-Ridged Waveguide Horn antnna Schwarzbeck Mess-Elektronik Broadband Horn Antenna was used in frequencies 1 – 40 GHz at a distance of 3 meter. The antenna at an angle toward the source of the emission.All test results were extrapolated to equivalent signal at 3 meters utilizing an inverse linear distance extrapolation Factor (20 dB/decade).

For testing above 1 GHz, the emission level of the EUT in peak mode was 20 dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

Appropriate preamplifiers were used for improving sensitivity and precautions were taken to avoid overloading or desensitizing the spectrum analyzer. No post – detector video filters were used in the test.

The spectrum analyzer's 6 dB bandwidth was set to 1 MHz, and the analyzer was operated in the peak detection mode, for frequencies both below and up 1 GHz. The average levels were obtained by subtracting the duty cycle correction factor from the peak readings.

The following procedures were used to convert the emission levels measured in decibels referenced to 1 microvolt (dBuV) into field intensity in micro volts pre meter (uV/m).

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro colts per meter (dBuV/m).

The actual field is intensity in referenced to 1 microvolt per meter (dBuV/m) is determined by algebraically adding the measured reading in dBuV, the antenna factor (dB), and cable loss (dB) and Subtracting the gain of preamplifier (dB) is auto calculate in spectrum analyzer.

(1) Amplitude (dBuV/m) = FI (dBuV) +AF (dBuV) +CL (dBuV)-Gain (dB)
FI= Reading of the field intensity.
AF= Antenna factor.
CL= Cable loss.
P.S Amplitude is auto calculate in spectrum analyzer.

(2) Actual Amplitude (dBuV/m) = Amplitude (dBuV)-Dis(dB)
The FCC specified emission limits were calculated according the EUT operating frequency and by following linear interpolation equations:
(a) For fundamental frequency : Transmitter Output < +30 dBm
(b) For spurious frequency : Spurious emission limits = fundamental emission limit /10

Measuring Instruments and setting

The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	40 GHz
RBW/VBW(Emission in restricted band)	1 MHz / 3 MHz for Peak 1 MHz / (1/T) for Average
RBW/VBW(Emission in non-restricted band)	1 MHz / 3 MHz for Peak

4.3. Maximum Conducted Output Power

■ **Limit**

Frequency Range (MHz)	FCC Maximum Conducted Output Power Limit
	Master
5.150 ~ 5.250 GHz	The lesser of 1 W (30 dBm)
5.725 ~ 5.850 GHz	The lesser of 1 W (30 dBm)

According FCC KDB 662911 D01 v02r01 – for power measurements on IEEE802.11 devices,

CDD mode：

∗ Directional Gain = 10*log{[10^(G1/10)+10^(G2/10)+⋯+10^(Gn/10)]/NANT} = 9 dBi > 6 dBi

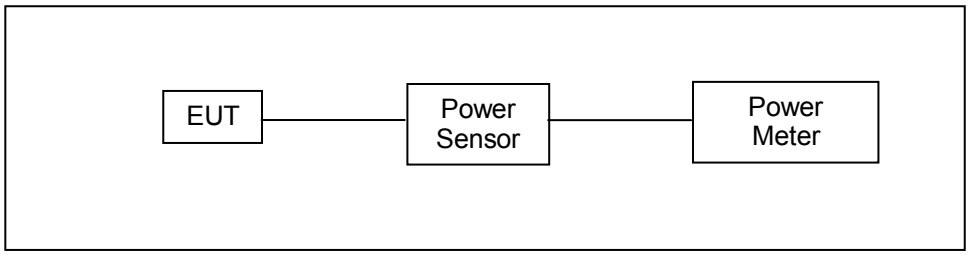
∗ Power Limit = 30 - 3 = 27 dBm

MIMO mode：

∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+⋯+10^(Gn/20)]^2/NANT} = 12.01 dBi > 6 dBi

∗ Power Limit = 30 - 6.01 = 23.99 dBm

■ **Test Setup**



■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.3.3.2, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices

Section (E) Maximum Conducted Output Power

3. Measurement using a Power Meter (PM)

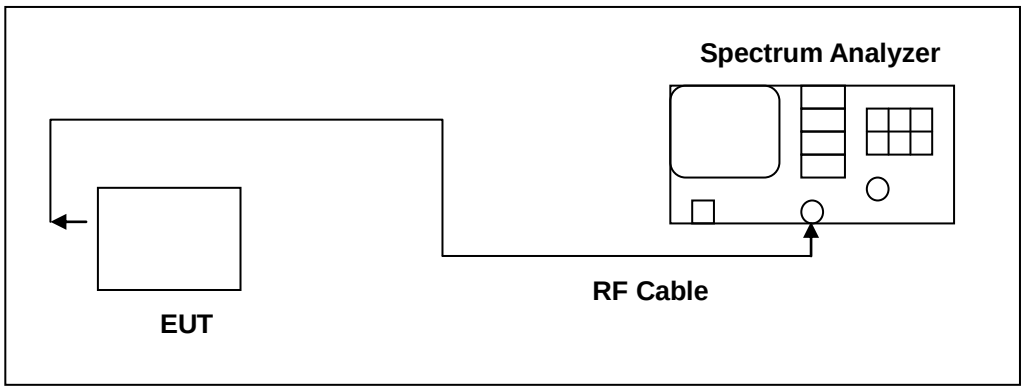
b) Method PM-G (Measurement using a gated RF average power meter)

4.4. 26 dB RF Bandwidth & 99 % Occupied Bandwidth Measurement

■ **Limit**

N/A

■ **Test Setup**



■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.4, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Subpart E.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	>26 dB Bandwidth
RBW	Approximately 1 % of the emission bandwidth
VBW	VBW > RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

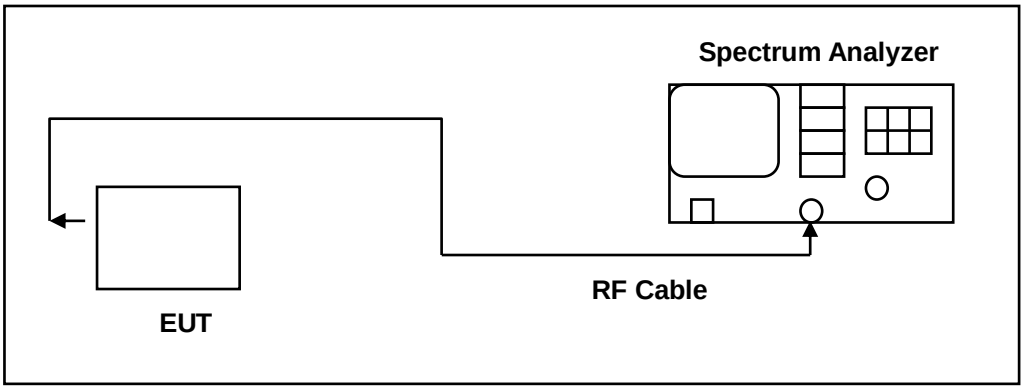
4.5. 6 dB RF Bandwidth Measurement

■ **Limit**

6 dB RF Bandwidth

Systems using digital modulation techniques may operate in the 5725~5850 MHz bands. The minimum 6 dB band-width shall be at least 500 kHz.

■ **Test Setup**



■ **Test Procedure**

6 dB RF Bandwidth

The EUT tested to UNII test procedure of ANSI C63.10:2013 section 6.9.2 for compliance to FCC 47CFR 15.407 requirements.

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer RES BW was set to 100 kHz. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. A peak output reading was taken, a DISPLAY line was drawn 6 dB lower than peak level. The 6 dB bandwidth was determined from where the channel output spectrum intersected the display line.

The test was performed at 3 channels.

4.6. Maximum Power Spectral Density Measurement

■ **Limit**

Conducted power spectral density

Frequency Range (MHz)	FCC Limit
	Master
5.150 ~ 5.250 GHz	17 dBm/MHz
5.725 ~ 5.850 GHz	30 dBm/500 kHz

According FCC KDB 662911 D01 v02r01 – for power spectral density measurements on IEEE802.11 devices,

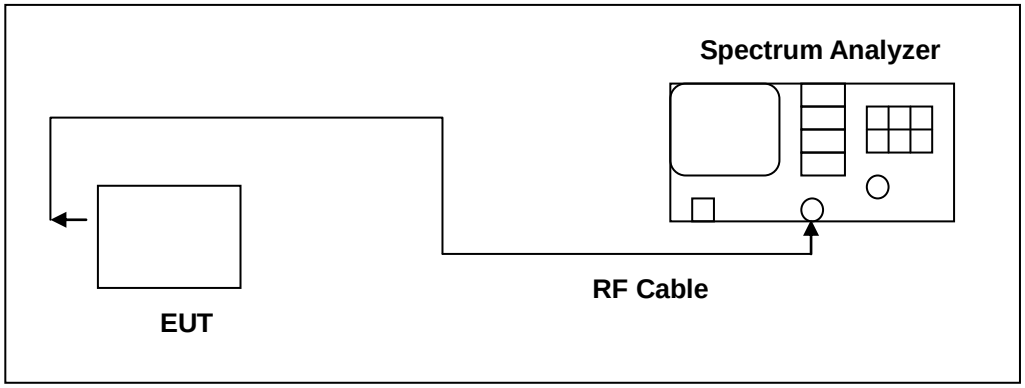
CDD / MIMO mode：

∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 12.01 dBi > 6 dBi

∗ Conducted Power Spectral Density Limit = 17 - 6.01 = 10.99 dBm/MHz (5.150 ~ 5.250 GHz)

∗ Conducted Power Spectral Density Limit = 30 - 6.01 = 23.99 dBm/MHz (5.725 ~ 5.850 GHz)

■ **Test Setup**



■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.5, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Subpart E.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	1 MHz (5725 ~ 5850 MHz use 100 kHz)
VBW	3 MHz (5725 ~ 5850 MHz use 300 kHz)
Detector	RMS
Trace	AVERAGE
Sweep Time	Auto
Trace Average	100 times
Note: If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10 log(500 kHz/100 kHz) to the measured result.	

4.7. 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 signalling 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 a description of how this requirement is met.

■ **Declare**

While the EUT is not transmitting any information, 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.

4.8. Antenna Requirement

■ **Limit**

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.
And According to 15.407 (a), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

■ **Antenna Connector Construction**

See section 2 – antenna information.

■ **Antenna Connector Construction**

KDB 353028 D01 Antennas Part 15 Transmitters v01
II. BASIC RULE AND POLICY REQUIREMENTS FOR ANTENNAS USED WITH PART 15 TRANSMITTERS A. ANTENNA REQUIREMENTS—Section 15.203
2) The following describes the three ways that can be used to demonstrate compliance to Section 15.203:
c) Professional installation

■ **Directional Gain Calculated**

For Maximum Conducted Output Power

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band I	9.00
	U-NII Band III	9.00
IEEE 802.11ac 20 MHz	U-NII Band I	12.01
	U-NII Band III	12.01
IEEE 802.11ac 40 MHz	U-NII Band I	12.01
	U-NII Band III	12.01
IEEE 802.11ac 80 MHz	U-NII Band I	12.01
	U-NII Band III	12.01

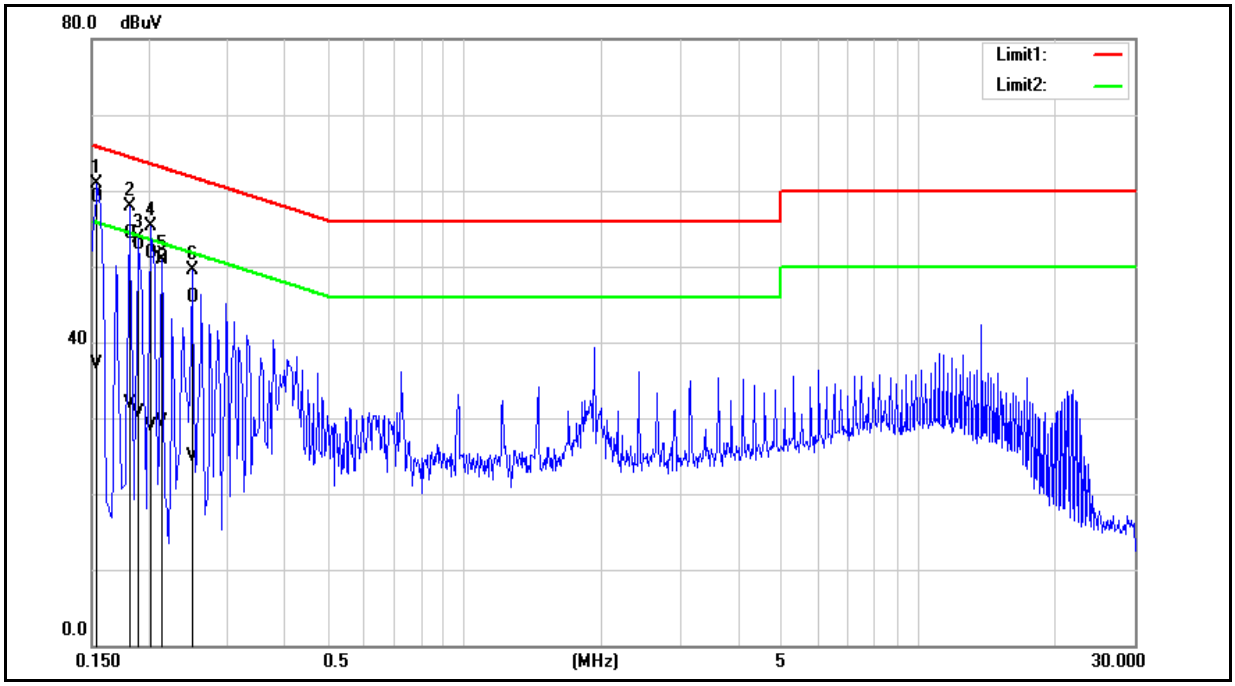
For Maximum Power Spectral Density

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band I	12.01
	U-NII Band III	12.01
IEEE 802.11ac 20 MHz	U-NII Band I	12.01
	U-NII Band III	12.01
IEEE 802.11ac 40 MHz	U-NII Band I	12.01
	U-NII Band III	12.01
IEEE 802.11ac 80 MHz	U-NII Band I	12.01
	U-NII Band III	12.01

5 Test Results

Annex A. Conducted Emission

Standard:	FCC Part 15.407	Line:	L1
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Test Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Description:			

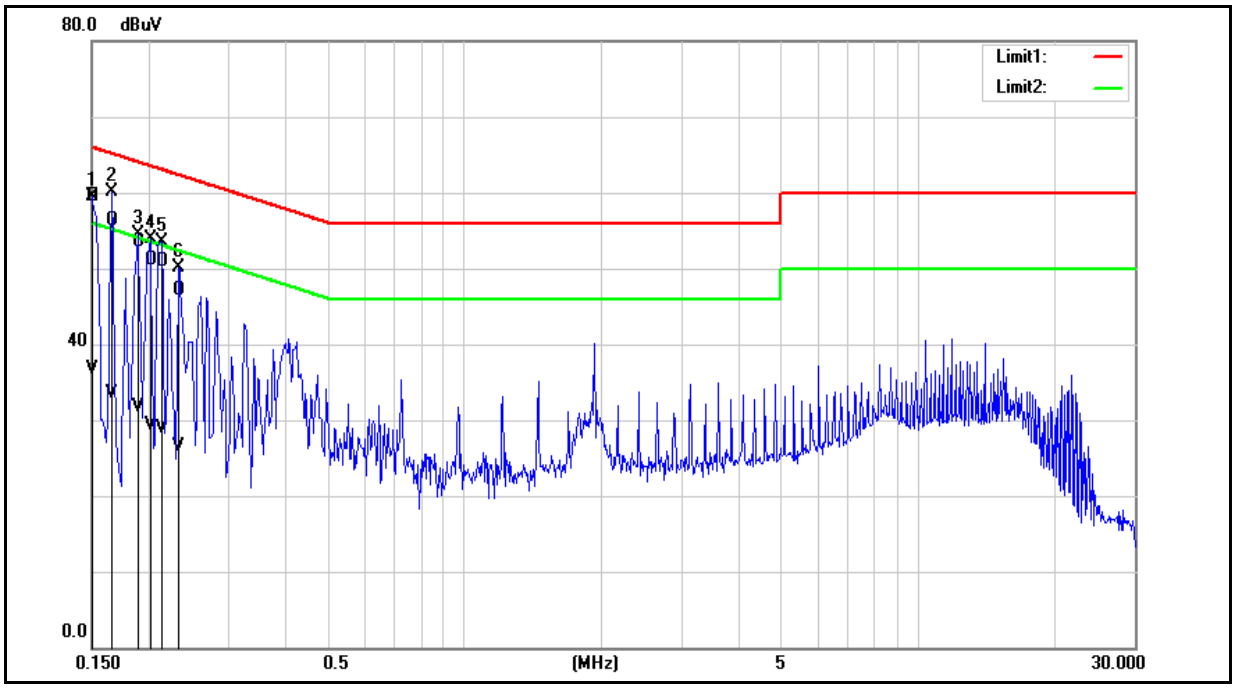


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1540	49.40	27.55	9.65	59.05	37.20	65.78	55.78	-6.73	-18.58	Pass
2	0.1820	44.61	22.29	9.64	54.25	31.93	64.39	54.39	-10.14	-22.46	Pass
3	0.1900	43.29	21.08	9.64	52.93	30.72	64.04	54.04	-11.11	-23.32	Pass
4	0.2020	42.01	19.34	9.64	51.65	28.98	63.53	53.53	-11.88	-24.55	Pass
5	0.2140	41.38	19.83	9.64	51.02	29.47	63.05	53.05	-12.03	-23.58	Pass
6	0.2500	36.17	15.17	9.64	45.81	24.81	61.76	51.76	-15.95	-26.95	Pass

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

Standard:	FCC Part 15.407	Line:	N
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Test Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	49.79	26.98	9.68	59.47	36.66	66.00	56.00	-6.53	-19.34	Pass
2	0.1660	46.63	23.80	9.68	56.31	33.48	65.16	55.16	-8.85	-21.68	Pass
3	0.1900	43.84	22.01	9.67	53.51	31.68	64.04	54.04	-10.53	-22.36	Pass
4	0.2020	41.43	19.58	9.67	51.10	29.25	63.53	53.53	-12.43	-24.28	Pass
5	0.2140	41.15	19.20	9.67	50.82	28.87	63.05	53.05	-12.23	-24.18	Pass
6	0.2340	37.38	16.83	9.67	47.05	26.50	62.31	52.31	-15.26	-25.81	Pass

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

Annex B. Radiated Emission Measurement

Harmonic

Below 1 GHz

Iron shell : MatrixPro 2

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Test Mode:	Mode 2		

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
56.1900	45.85	-6.79	39.06	40.00	-0.94	QP	H
139.6100	32.19	-6.48	25.71	43.50	-17.79	QP	H
229.8200	43.15	-7.26	35.89	46.00	-10.11	QP	H
250.1900	41.63	-6.14	35.49	46.00	-10.51	QP	H
291.9000	38.55	-4.36	34.19	46.00	-11.81	QP	H
586.7800	29.22	1.76	30.98	46.00	-15.02	QP	H
84.3200	43.89	-11.62	32.27	40.00	-7.73	QP	V
133.7900	35.79	-7.08	28.71	43.50	-14.79	QP	V
210.4200	37.23	-7.84	29.39	43.50	-14.11	QP	V
250.1900	38.13	-6.14	31.99	46.00	-14.01	QP	V
491.7200	32.20	-0.44	31.76	46.00	-14.24	QP	V
628.4900	29.25	2.55	31.80	46.00	-14.20	QP	V

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 39.06 = -6.79 + 45.85

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Plastic shell : Matrix 2X

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Test Mode:	Mode 3		

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
34.8500	42.51	-7.60	34.91	40.00	-5.09	QP	H
57.1600	38.39	-6.85	31.54	40.00	-8.46	QP	H
135.7300	42.71	-6.88	35.83	43.50	-7.67	QP	H
172.5900	41.85	-6.27	35.58	43.50	-7.92	QP	H
327.7900	44.34	-3.57	40.77	46.00	-5.23	QP	H
521.7900	37.33	0.05	37.38	46.00	-8.62	QP	H
57.1600	38.92	-6.85	32.07	40.00	-7.93	QP	V
134.7600	42.00	-6.98	35.02	43.50	-8.48	QP	V
173.5600	38.90	-6.37	32.53	43.50	-10.97	QP	V
224.0000	35.85	-7.41	28.44	46.00	-17.56	QP	V
325.8500	34.78	-3.61	31.17	46.00	-14.83	QP	V
516.9400	34.98	-0.03	34.95	46.00	-11.05	QP	V

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 34.91 = -7.60 + 42.51

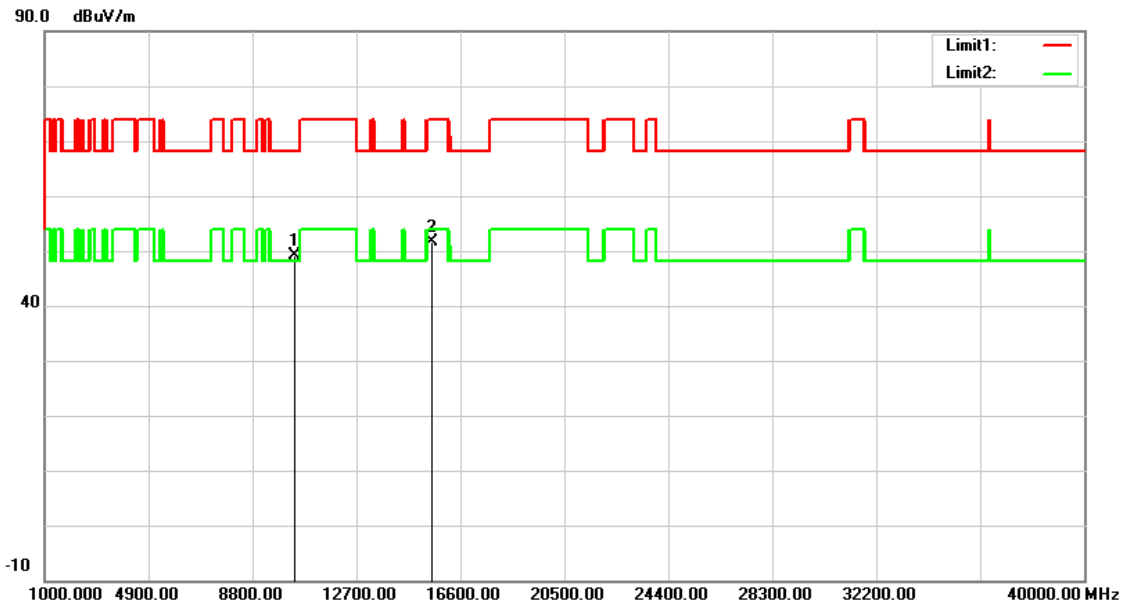
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Above 1 GHz

Iron shell : MatrixPro 2

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



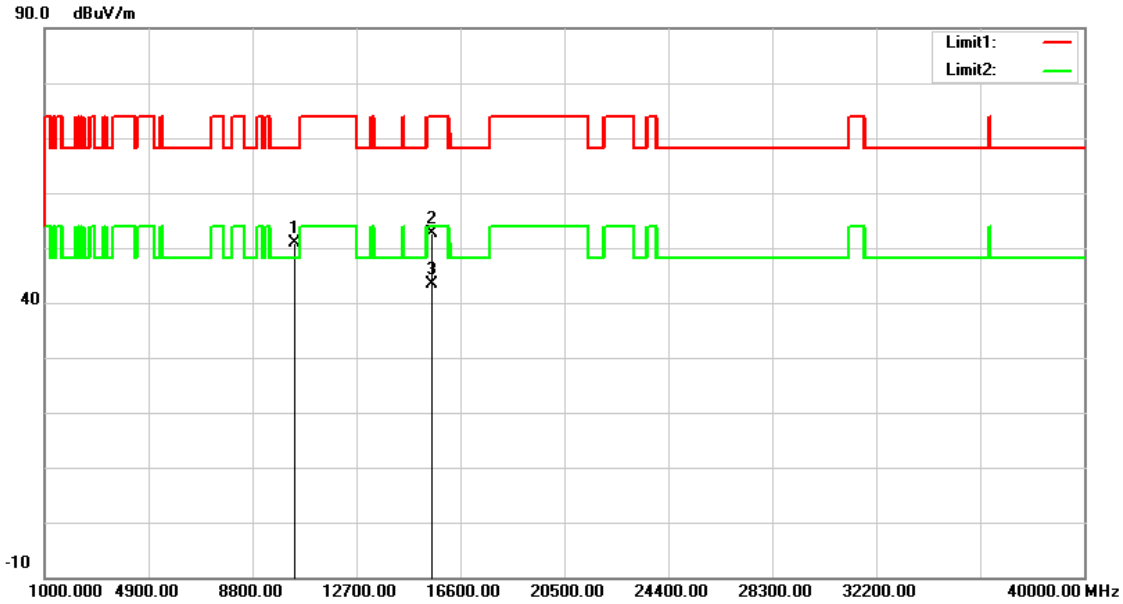
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	32.29	16.92	49.21	68.20	-18.99	peak
2	15540.000	32.50	19.18	51.68	74.00	-22.32	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



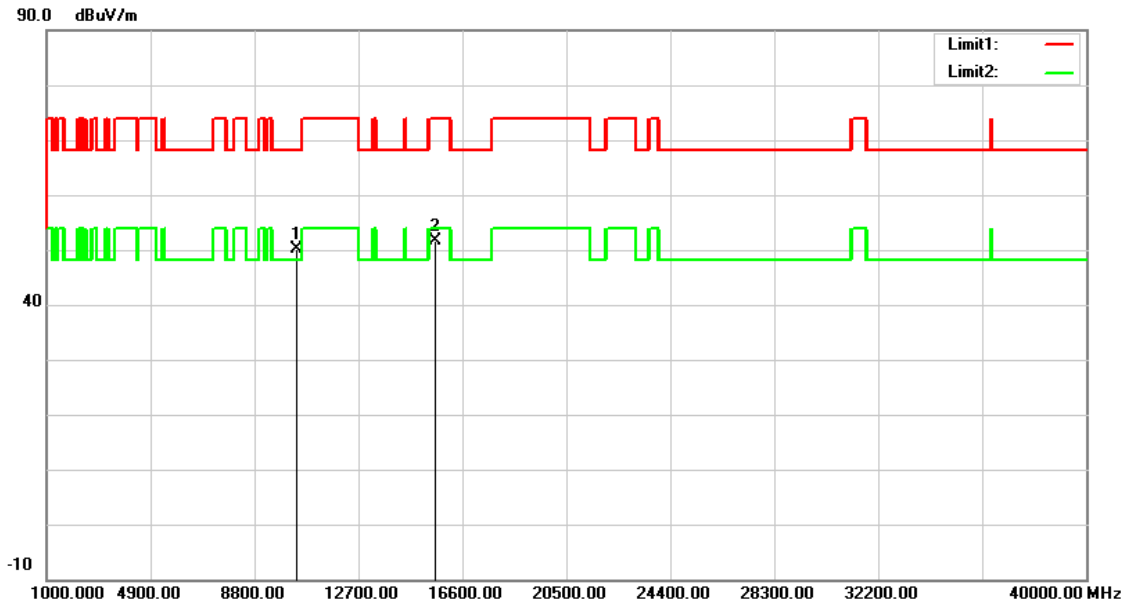
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	34.08	16.92	51.00	68.20	-17.20	peak
2	15540.000	33.37	19.18	52.55	74.00	-21.45	peak
3	15540.000	24.28	19.18	43.46	54.00	-10.54	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



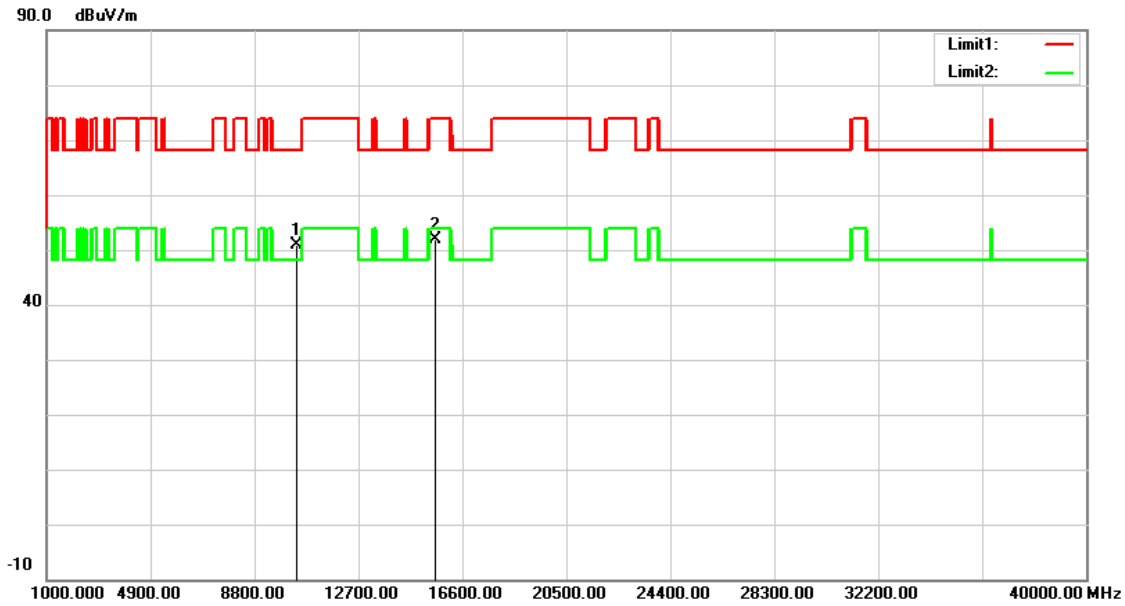
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	33.16	17.06	50.22	68.20	-17.98	peak
2	15600.000	32.64	19.02	51.66	74.00	-22.34	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



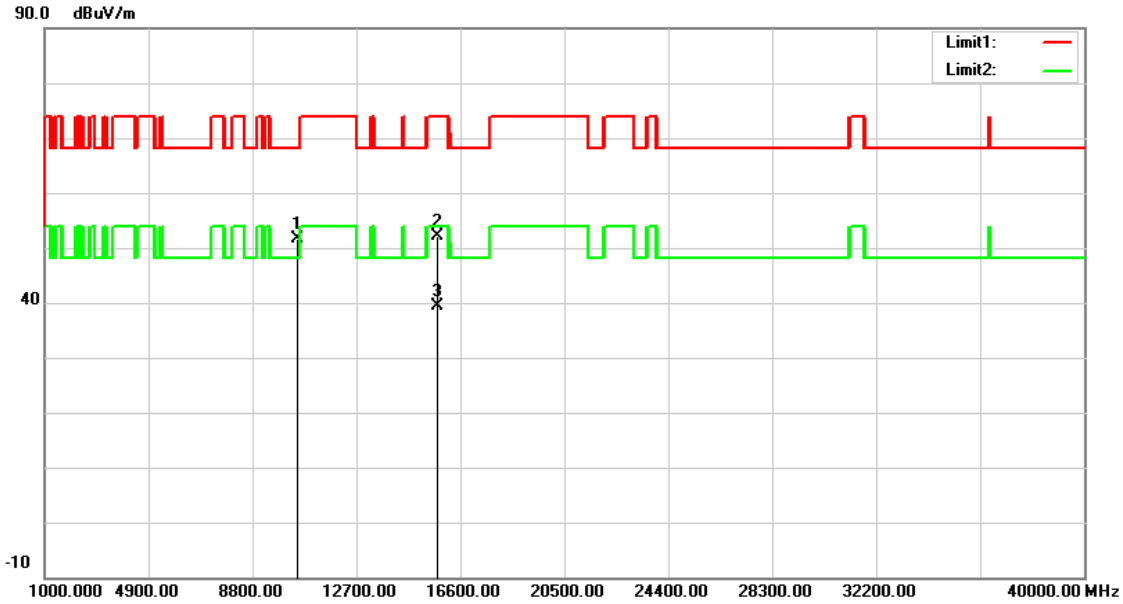
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	33.94	17.06	51.00	68.20	-17.20	peak
2	15600.000	32.98	19.02	52.00	74.00	-22.00	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



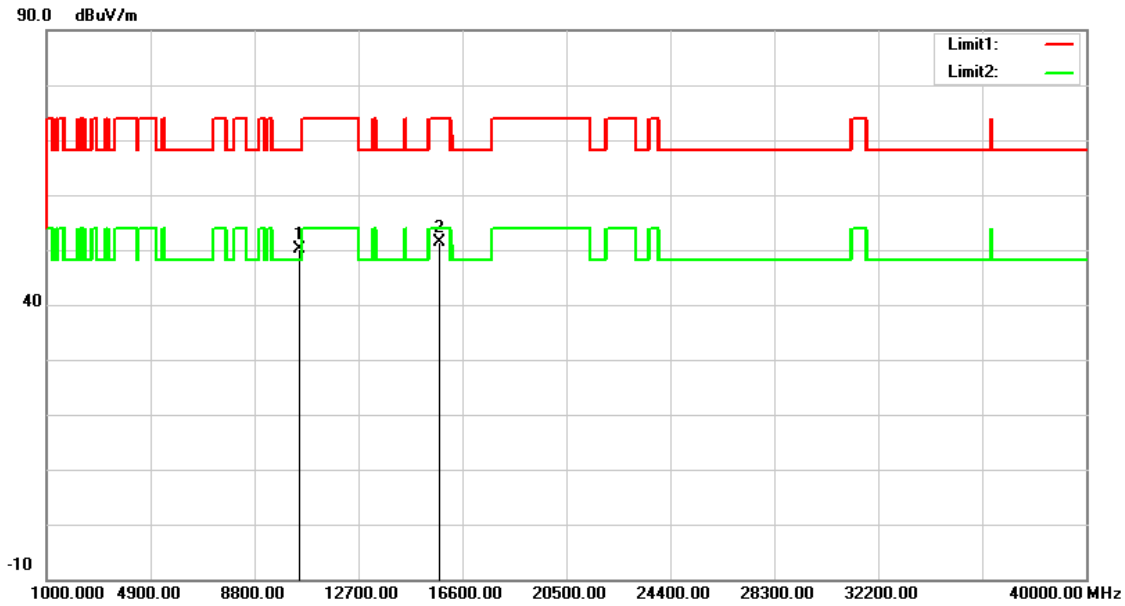
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	34.31	17.35	51.66	68.20	-16.54	peak
2	15720.000	33.39	18.71	52.10	74.00	-21.90	peak
3	15720.000	20.60	18.71	39.31	54.00	-14.69	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



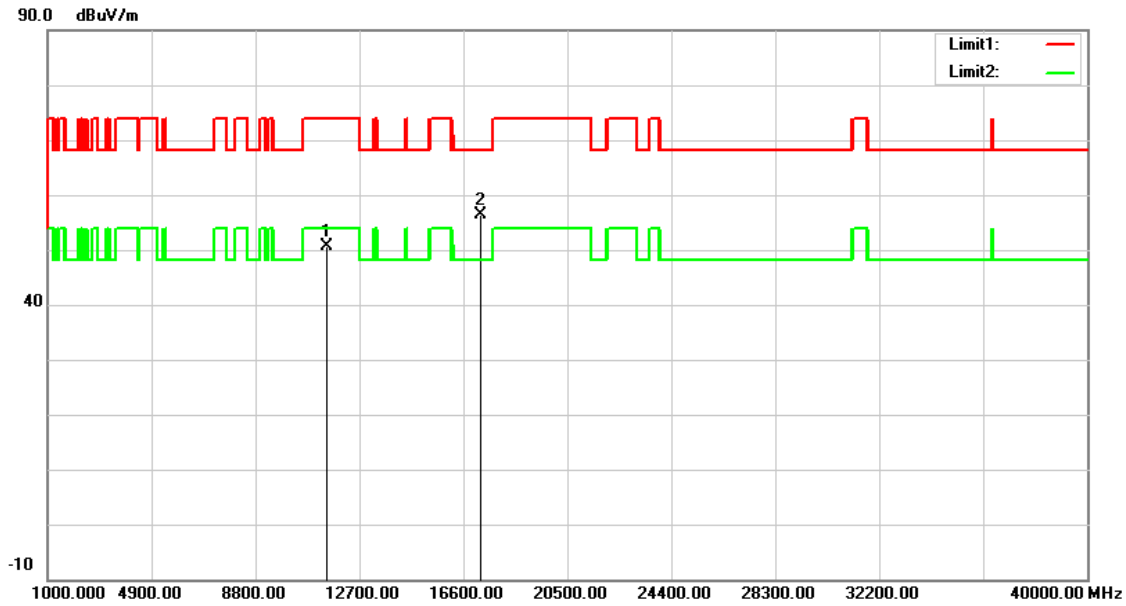
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	32.85	17.35	50.20	68.20	-18.00	peak
2	15720.000	32.78	18.71	51.49	74.00	-22.51	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



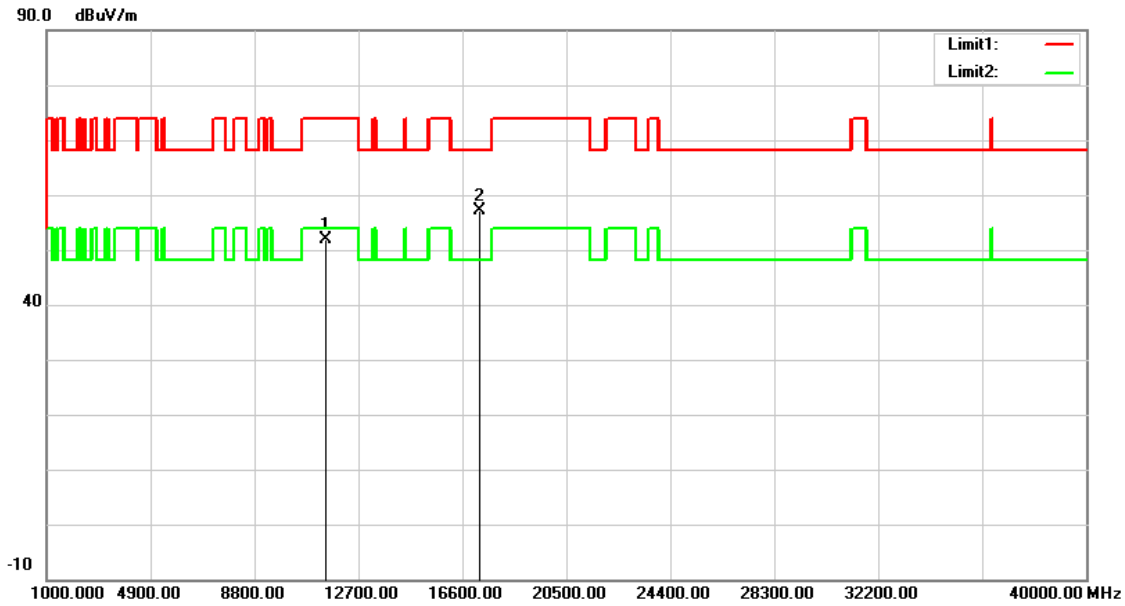
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	32.09	18.50	50.59	74.00	-23.41	peak
2	17235.000	32.08	24.31	56.39	68.20	-11.81	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



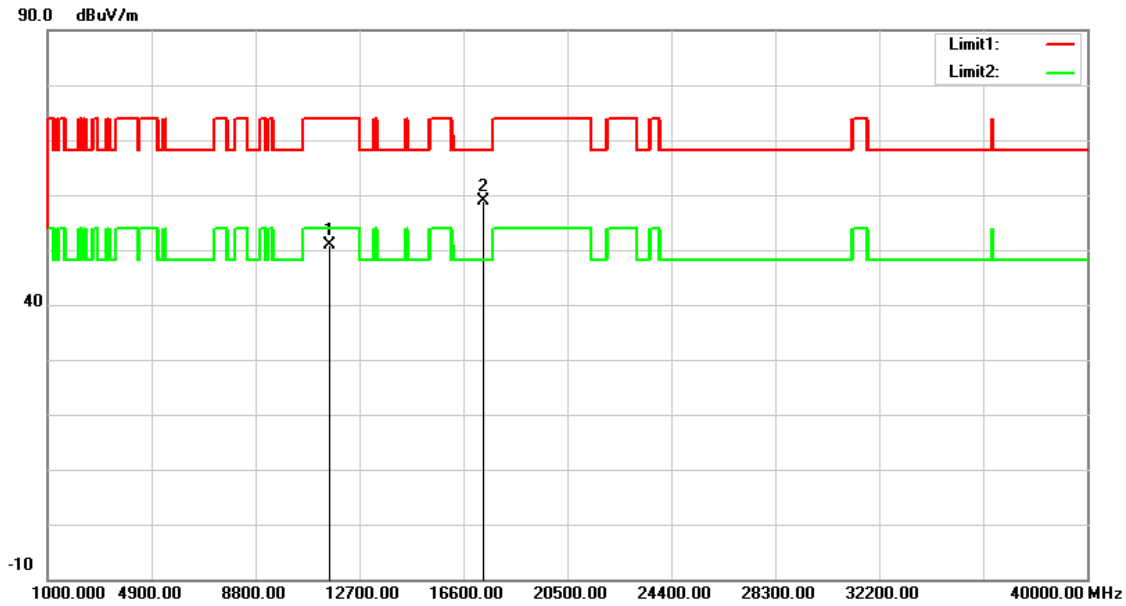
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	33.42	18.50	51.92	74.00	-22.08	peak
2	17235.000	32.79	24.31	57.10	68.20	-11.10	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



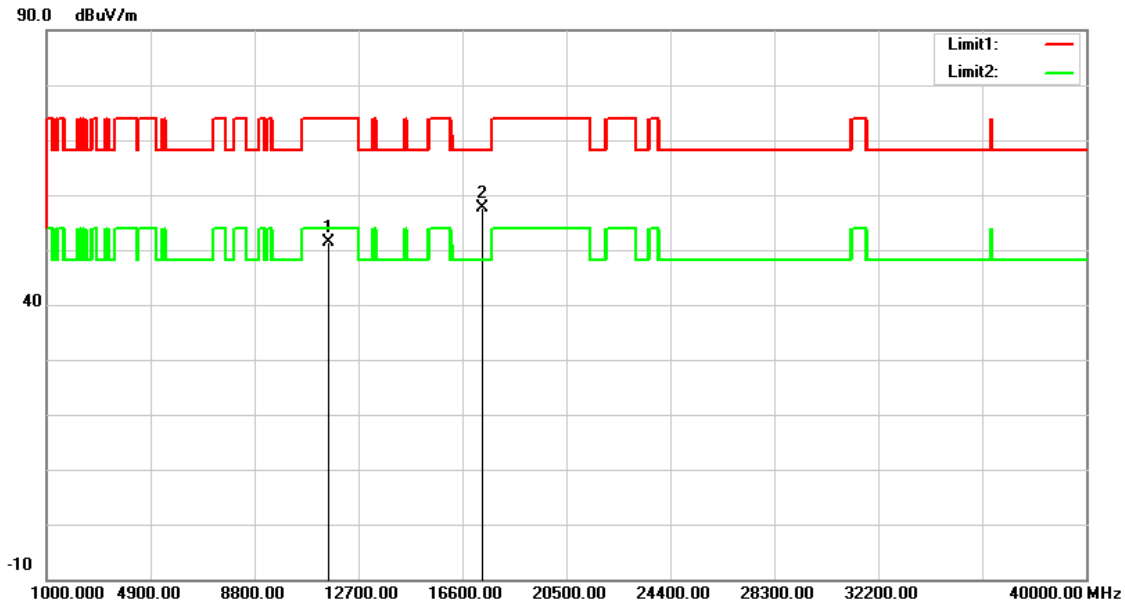
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	32.36	18.44	50.80	74.00	-23.20	peak
2	17355.000	34.18	24.79	58.97	68.20	-9.23	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



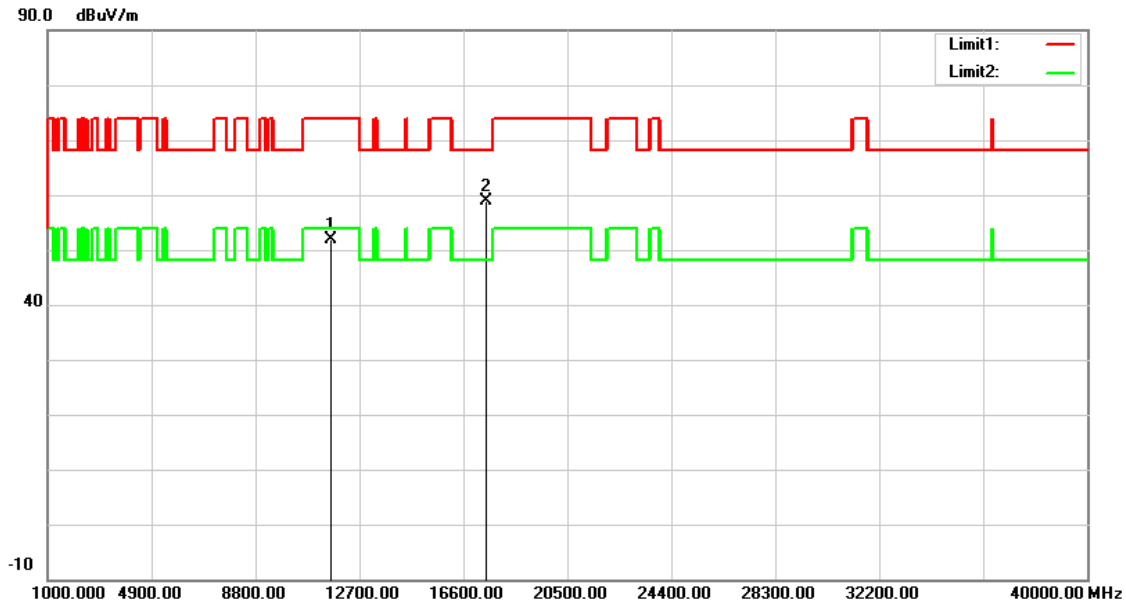
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	33.00	18.44	51.44	74.00	-22.56	peak
2	17355.000	32.83	24.79	57.62	68.20	-10.58	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



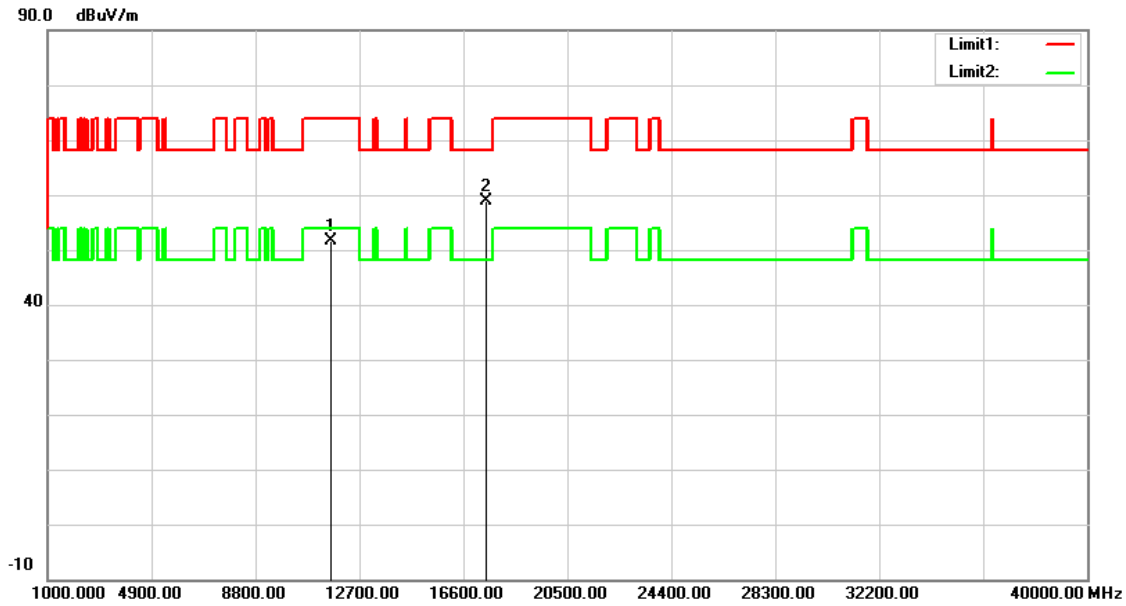
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	33.46	18.38	51.84	74.00	-22.16	peak
2	17475.000	33.64	25.26	58.90	68.20	-9.30	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



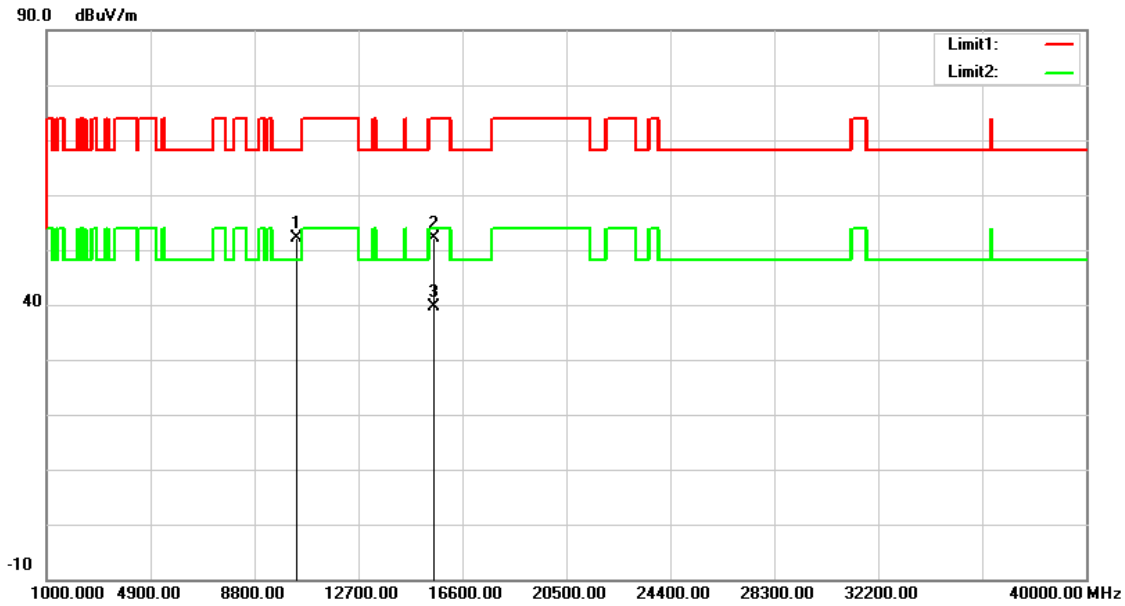
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	33.31	18.38	51.69	74.00	-22.31	peak
2	17475.000	33.51	25.26	58.77	68.20	-9.43	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



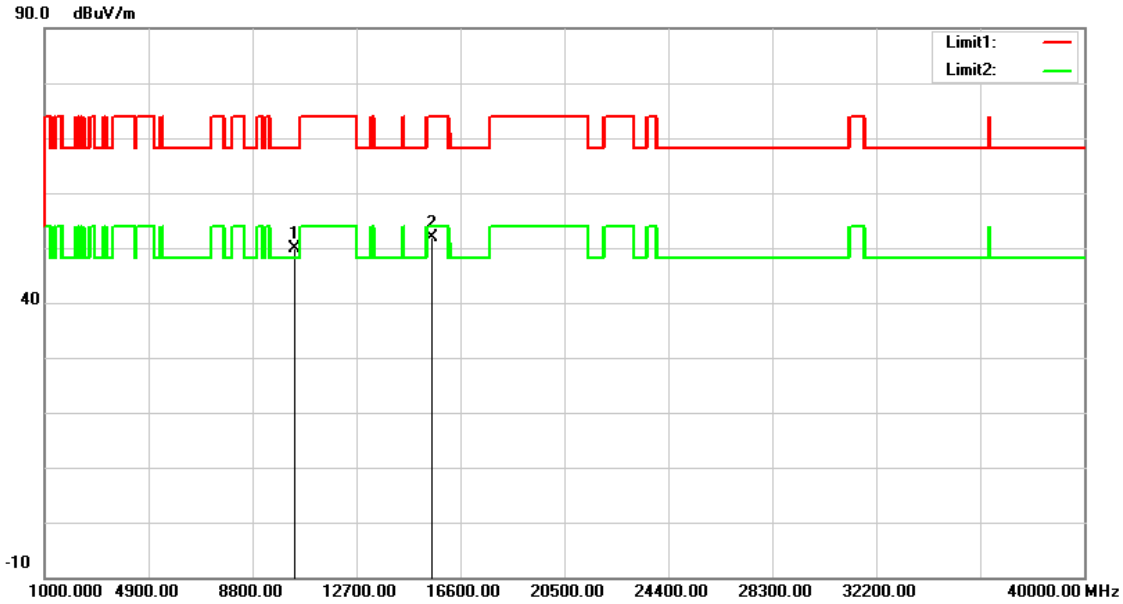
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	35.16	16.92	52.08	68.20	-16.12	peak
2	15540.000	33.07	19.18	52.25	74.00	-21.75	peak
3	15540.000	20.47	19.18	39.65	54.00	-14.35	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



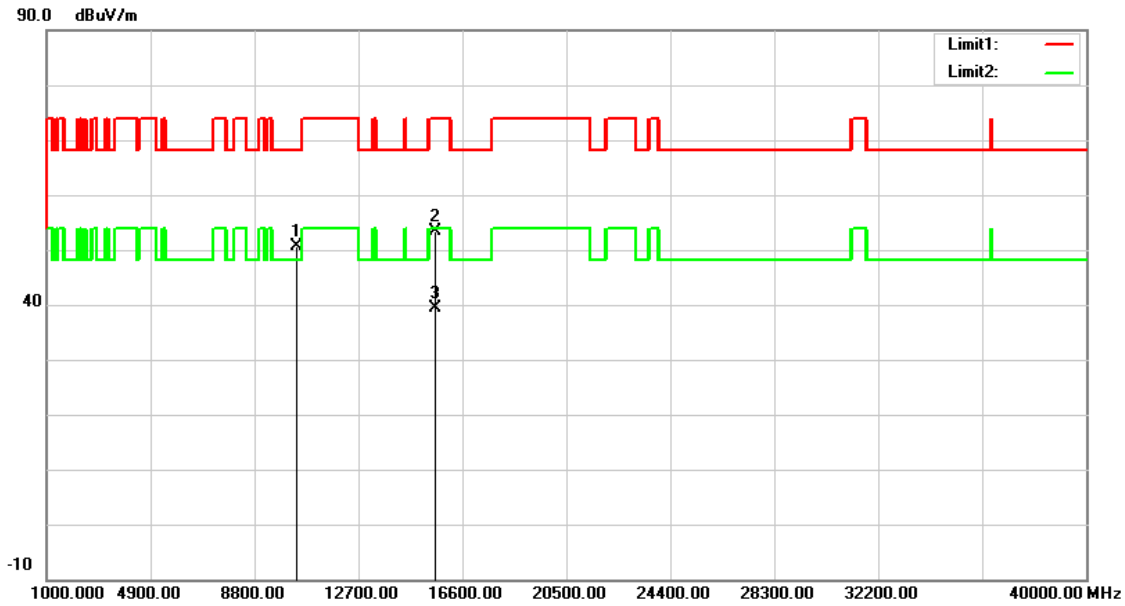
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	33.04	16.92	49.96	68.20	-18.24	peak
2	15540.000	32.69	19.18	51.87	74.00	-22.13	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



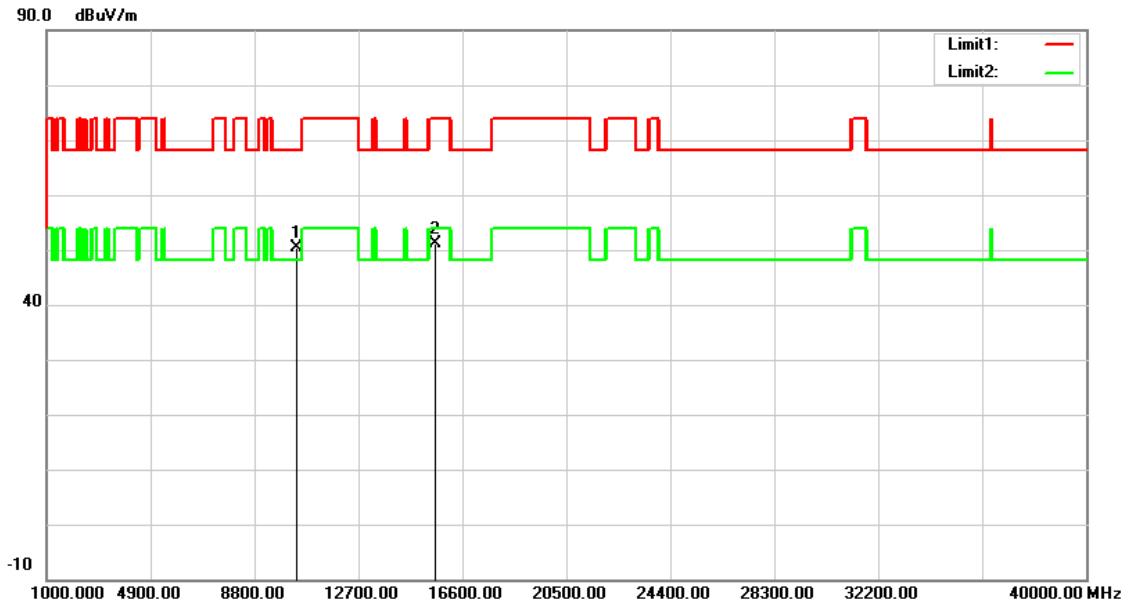
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	33.62	17.06	50.68	68.20	-17.52	peak
2	15600.000	34.27	19.02	53.29	74.00	-20.71	peak
3	15600.000	20.35	19.02	39.37	54.00	-14.63	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



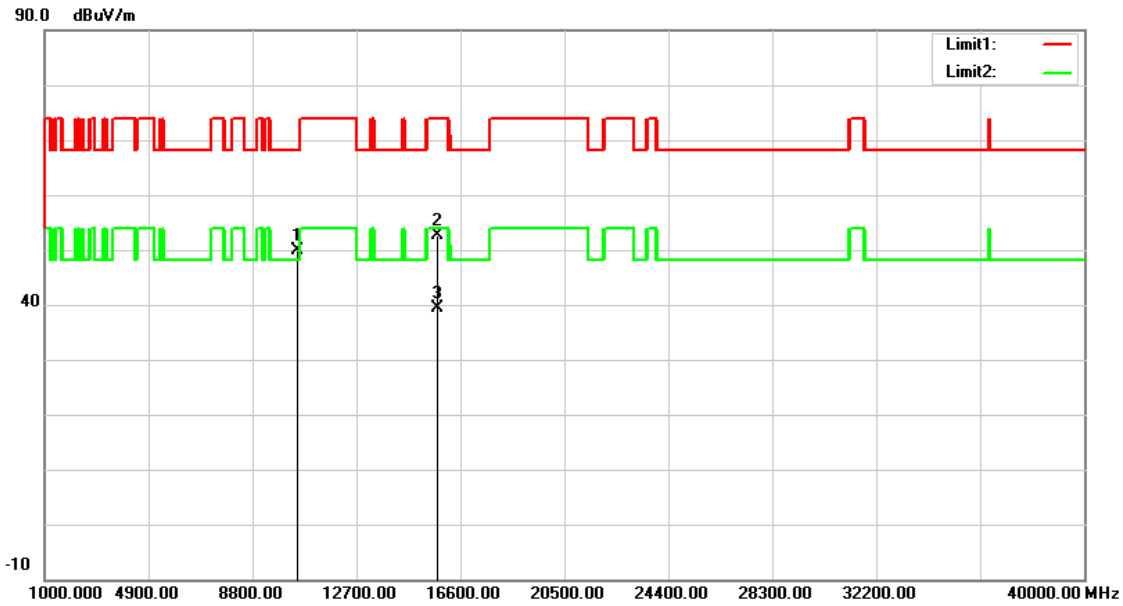
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	33.27	17.06	50.33	68.20	-17.87	peak
2	15600.000	32.21	19.02	51.23	74.00	-22.77	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



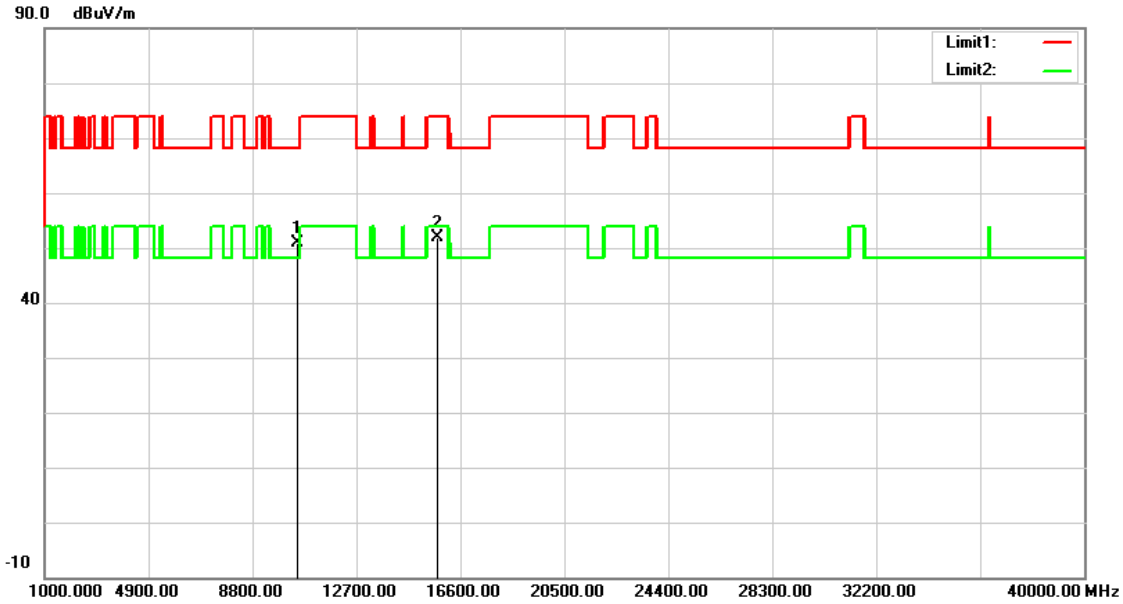
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	32.46	17.35	49.81	68.20	-18.39	peak
2	15720.000	33.87	18.71	52.58	74.00	-21.42	peak
3	15720.000	20.70	18.71	39.41	54.00	-14.59	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



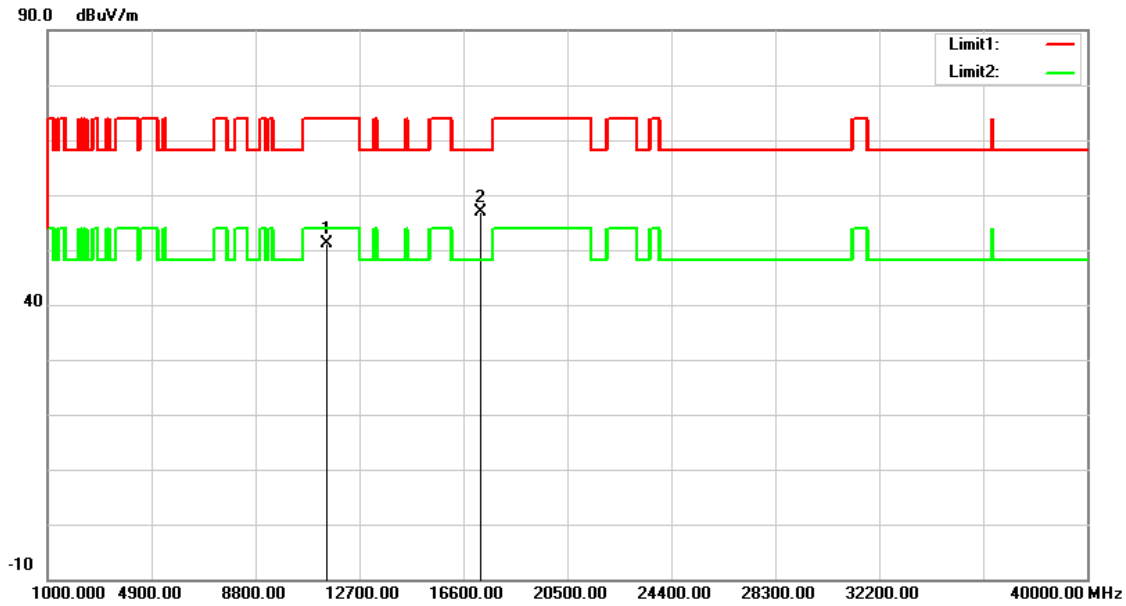
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	33.57	17.35	50.92	68.20	-17.28	peak
2	15720.000	33.24	18.71	51.95	74.00	-22.05	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



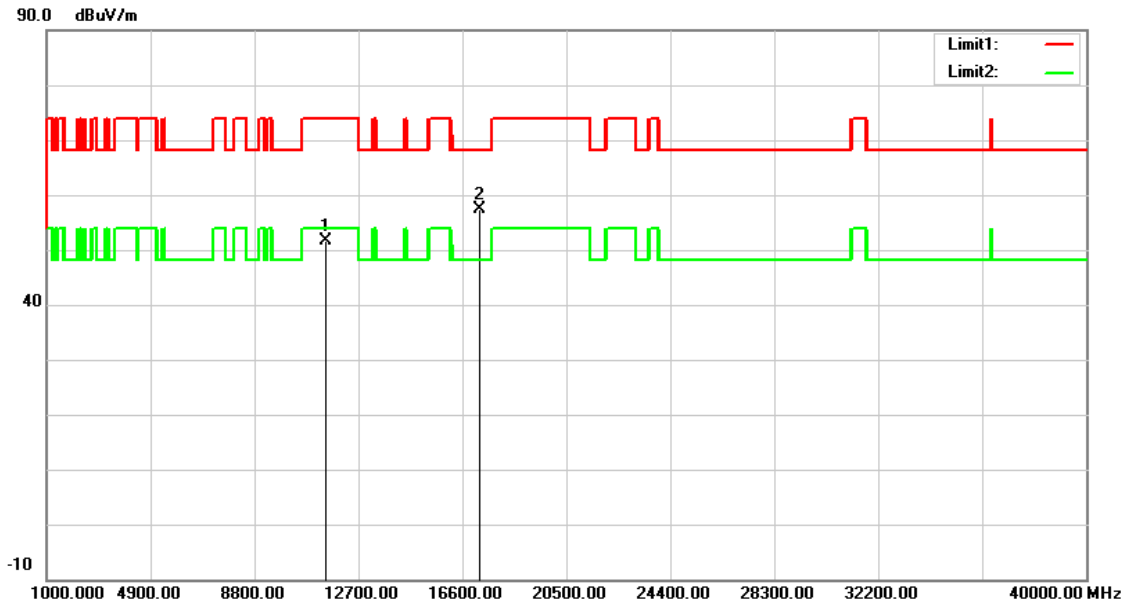
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	32.70	18.50	51.20	74.00	-22.80	peak
2	17235.000	32.54	24.31	56.85	68.20	-11.35	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



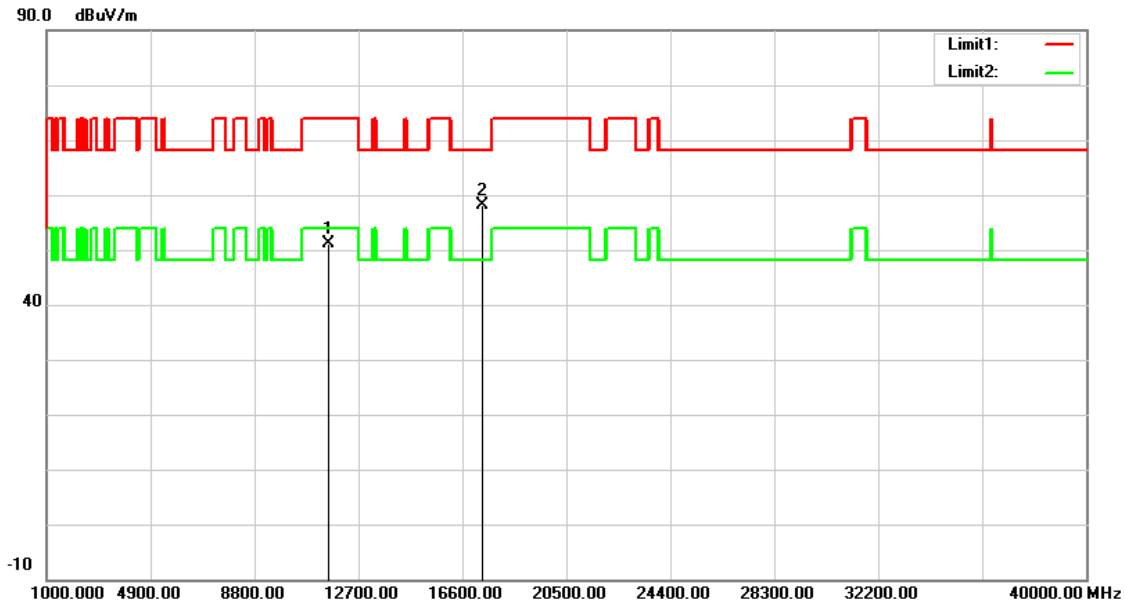
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	33.11	18.50	51.61	74.00	-22.39	peak
2	17235.000	33.05	24.31	57.36	68.20	-10.84	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



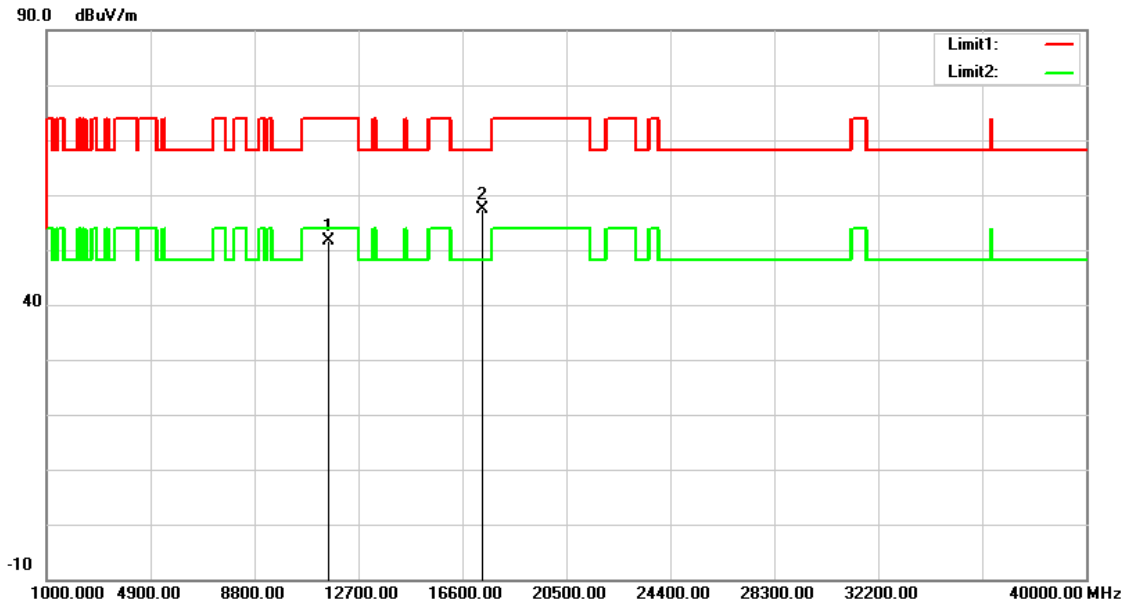
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	32.62	18.44	51.06	74.00	-22.94	peak
2	17355.000	33.35	24.79	58.14	68.20	-10.06	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



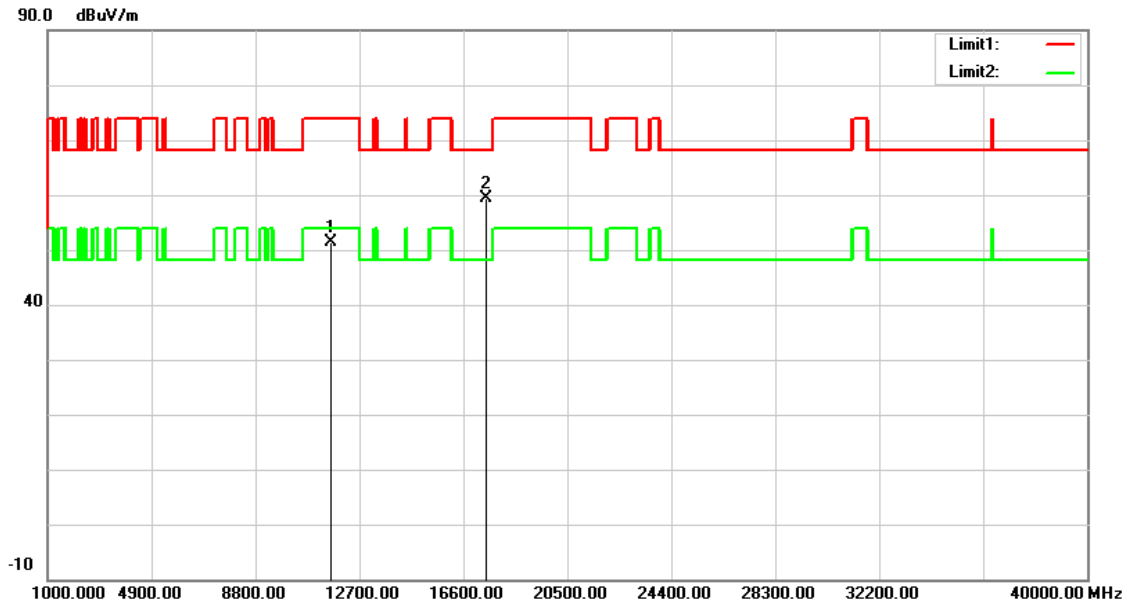
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	33.09	18.44	51.53	74.00	-22.47	peak
2	17355.000	32.50	24.79	57.29	68.20	-10.91	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



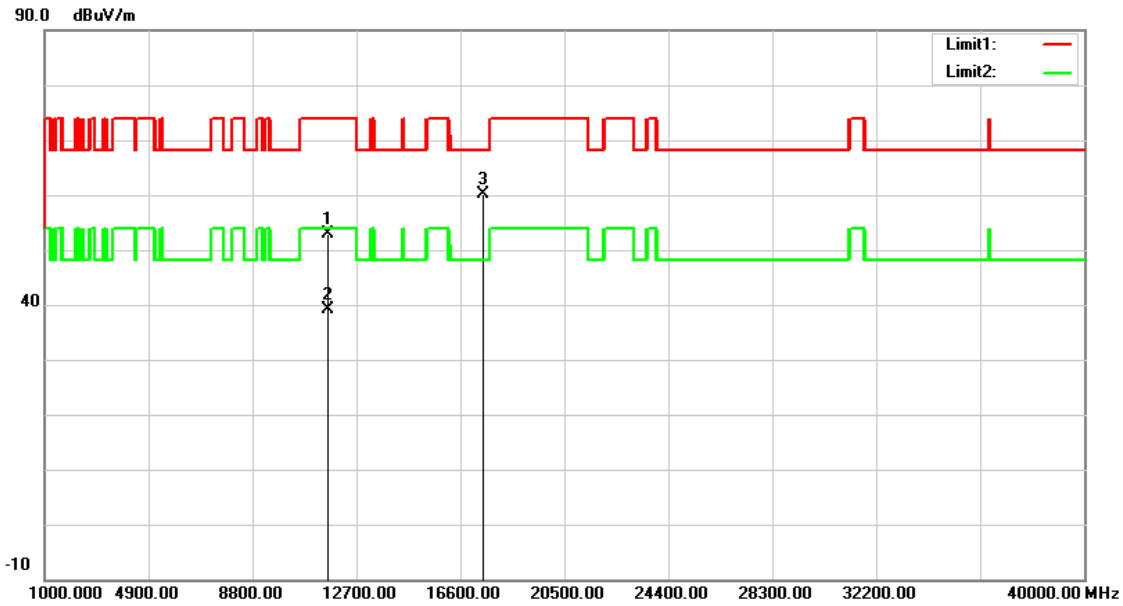
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	33.10	18.38	51.48	74.00	-22.52	peak
2	17475.000	34.02	25.26	59.28	68.20	-8.92	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



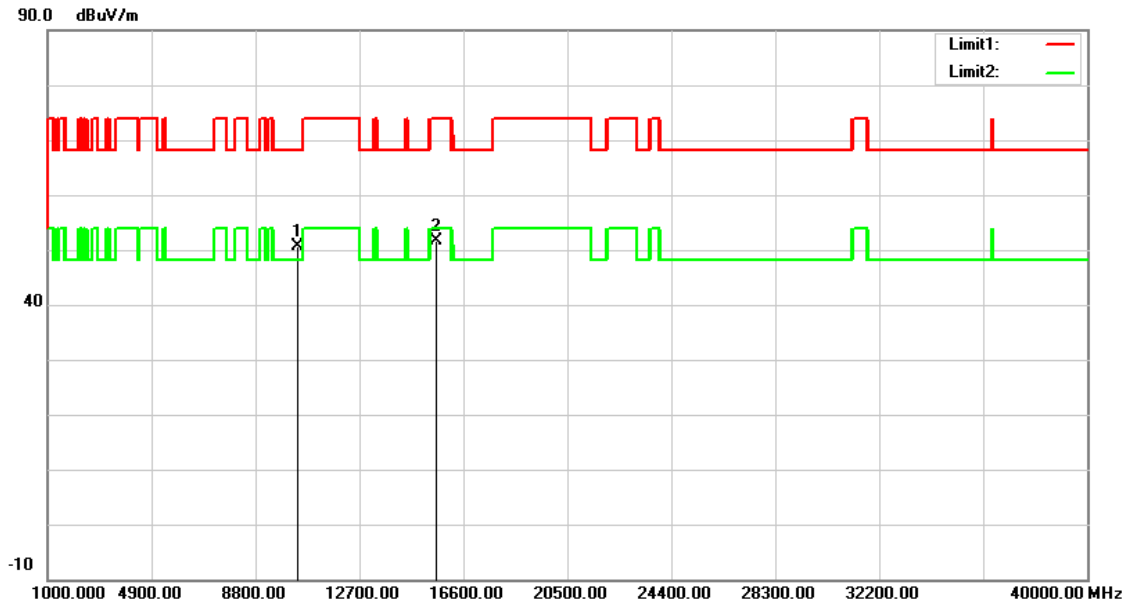
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	34.40	18.38	52.78	74.00	-21.22	peak
2	11650.000	20.64	18.38	39.02	54.00	-14.98	AVG
3	17475.000	34.98	25.26	60.24	68.20	-7.96	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



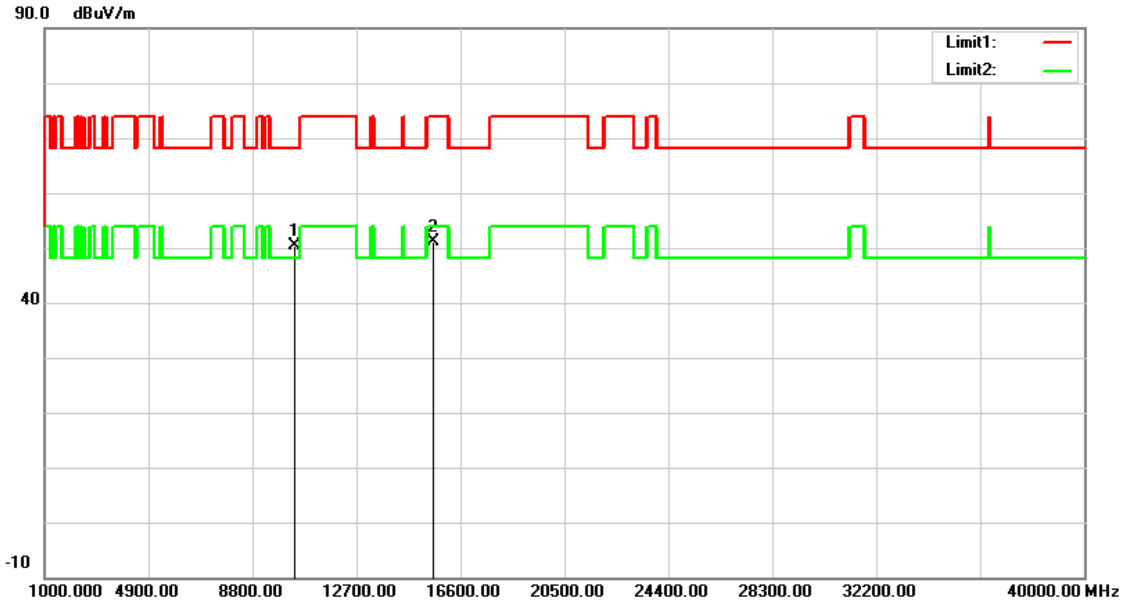
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	33.55	16.98	50.53	68.20	-17.67	peak
2	15570.000	32.46	19.11	51.57	74.00	-22.43	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



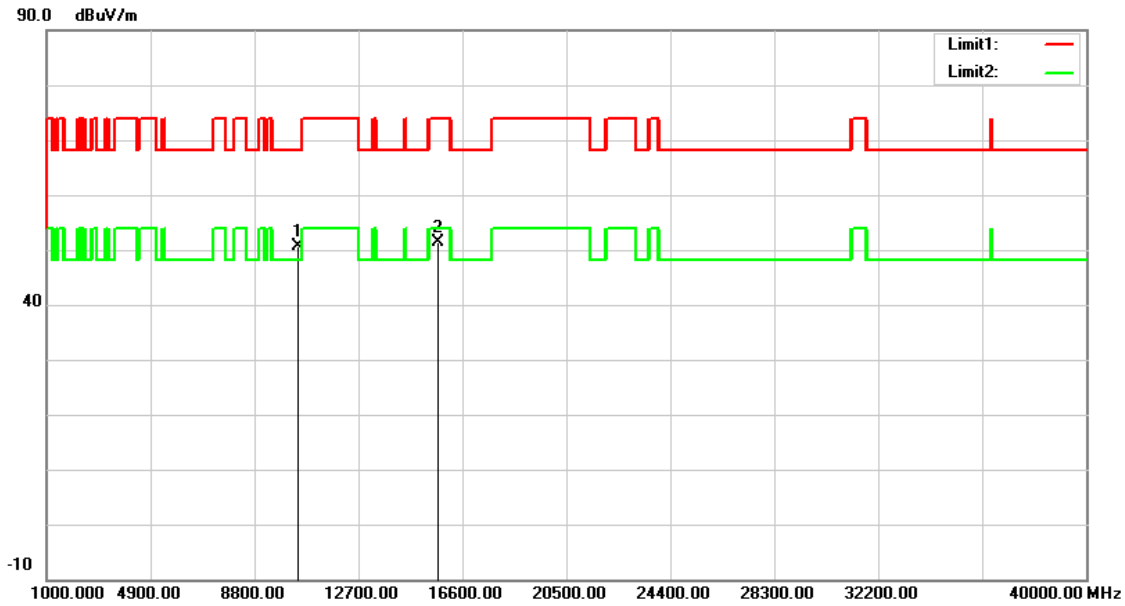
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	33.46	16.98	50.44	68.20	-17.76	peak
2	15570.000	32.04	19.11	51.15	74.00	-22.85	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



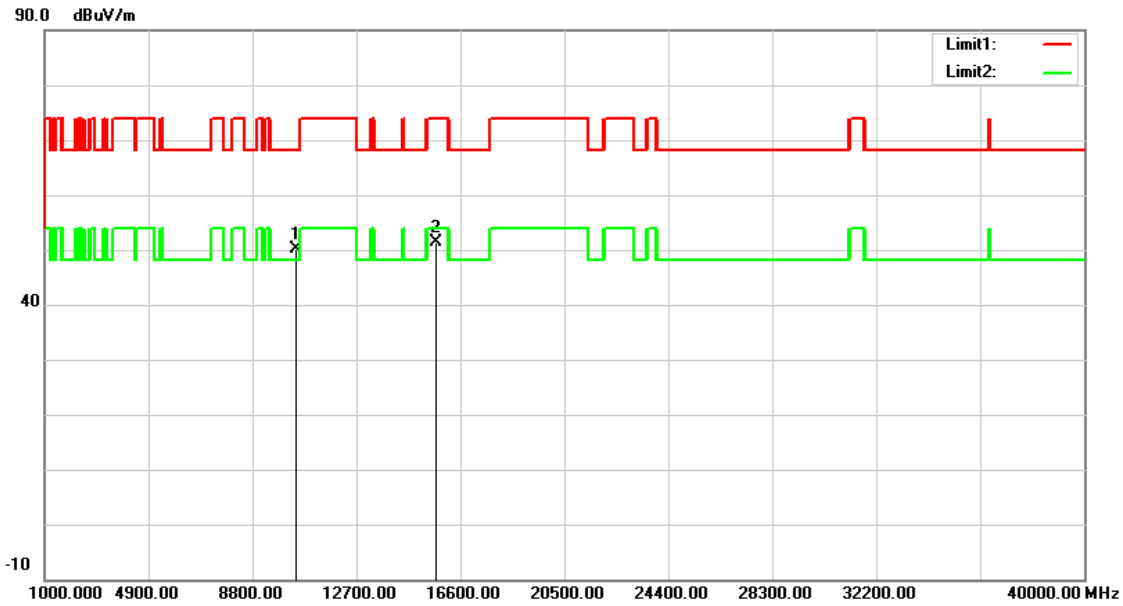
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	33.28	17.27	50.55	68.20	-17.65	peak
2	15690.000	32.67	18.78	51.45	74.00	-22.55	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



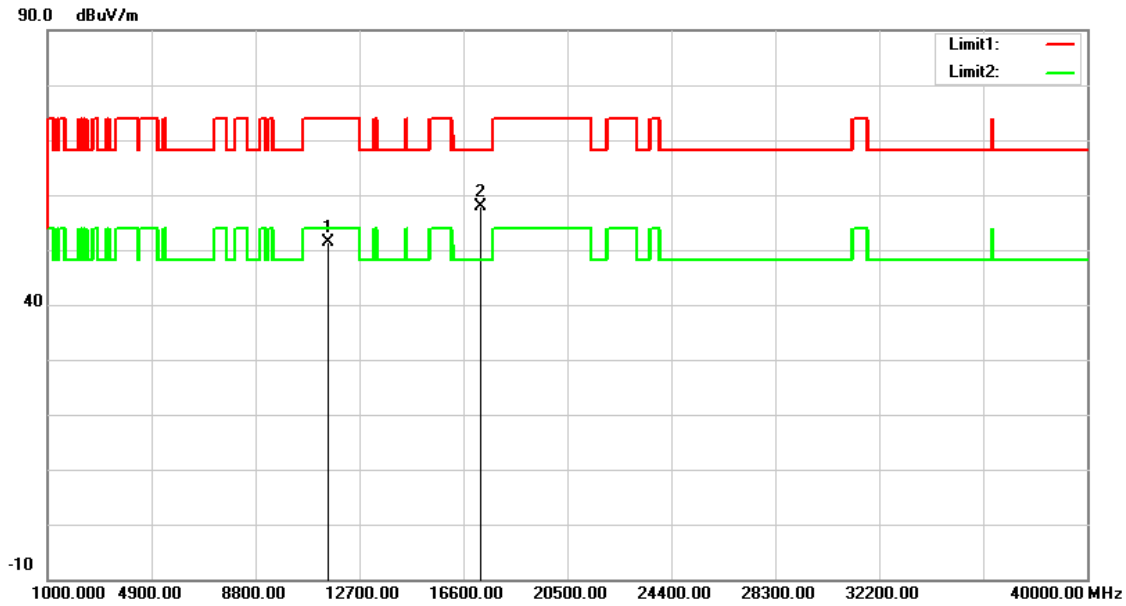
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	32.86	17.27	50.13	68.20	-18.07	peak
2	15690.000	32.60	18.78	51.38	74.00	-22.62	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5755 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



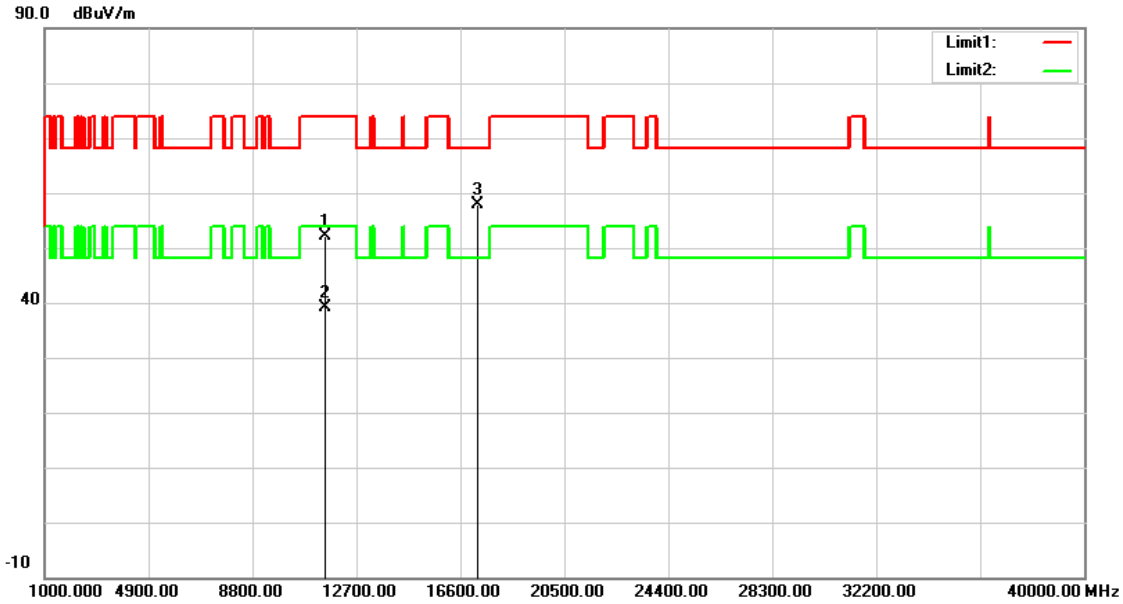
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	32.78	18.49	51.27	74.00	-22.73	peak
2	17265.000	33.45	24.44	57.89	68.20	-10.31	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5755 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



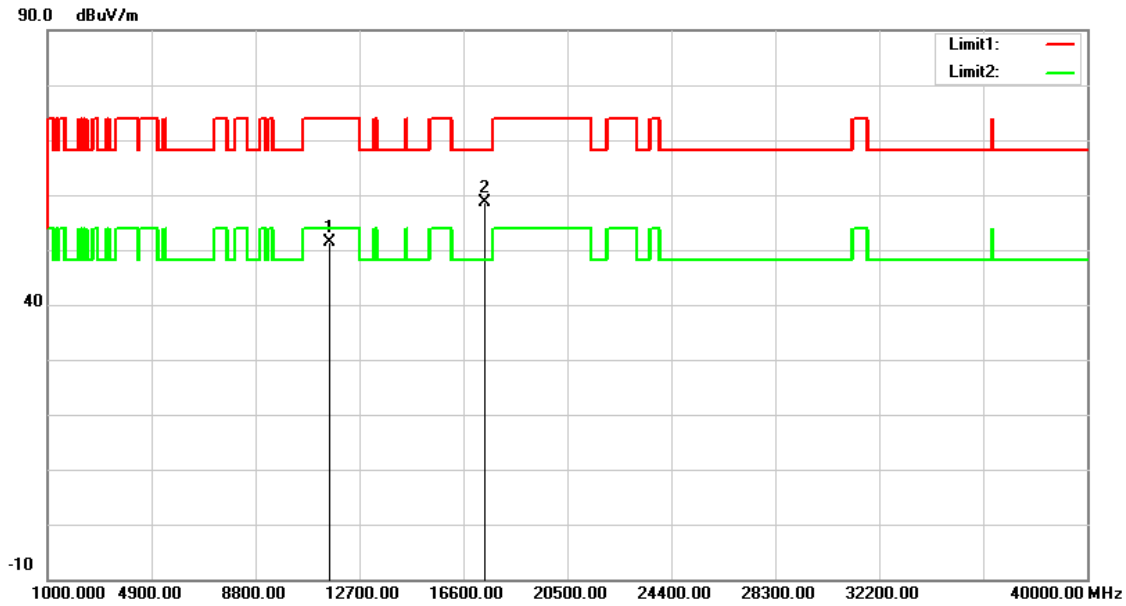
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	33.61	18.49	52.10	74.00	-21.90	peak
2	11510.000	20.73	18.49	39.22	54.00	-14.78	AVG
3	17265.000	33.54	24.44	57.98	68.20	-10.22	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5795 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



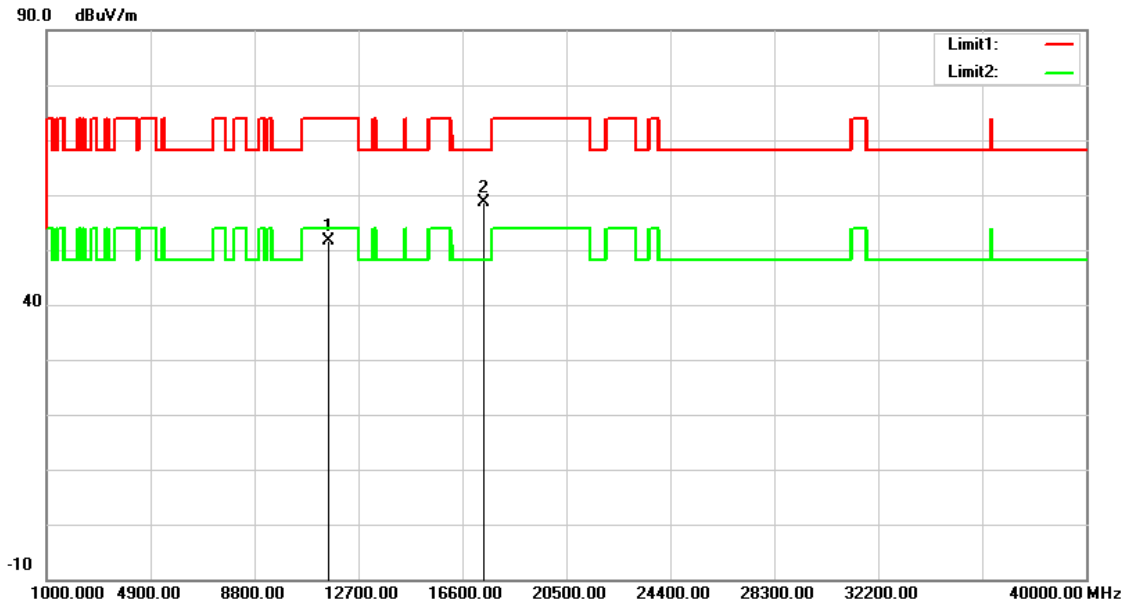
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	32.90	18.43	51.33	74.00	-22.67	peak
2	17385.000	33.79	24.90	58.69	68.20	-9.51	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5795 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



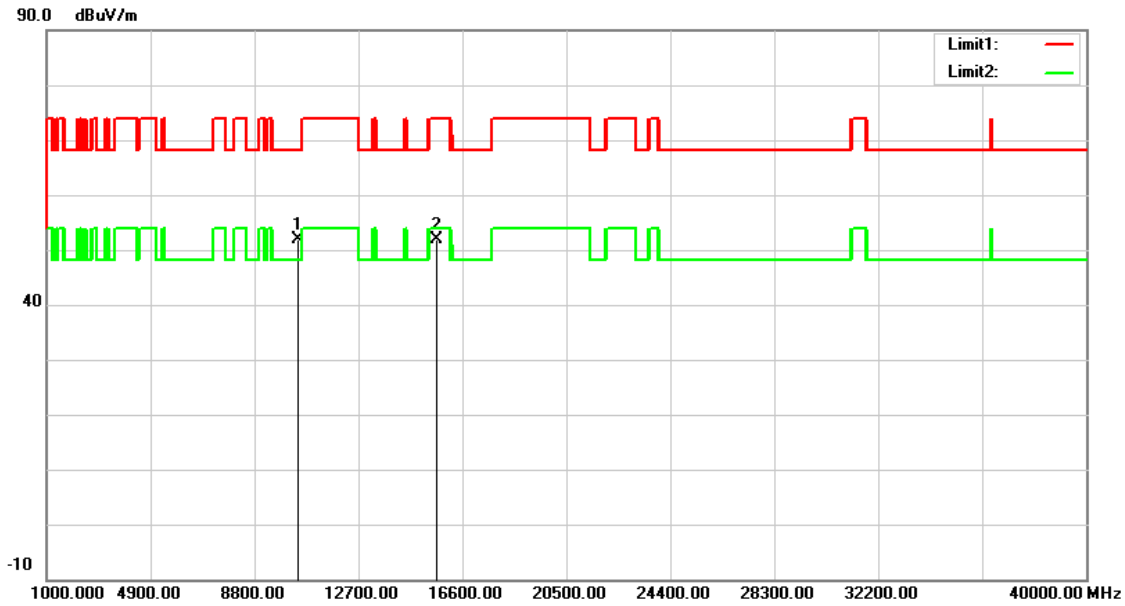
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	33.15	18.43	51.58	74.00	-22.42	peak
2	17385.000	33.82	24.90	58.72	68.20	-9.48	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



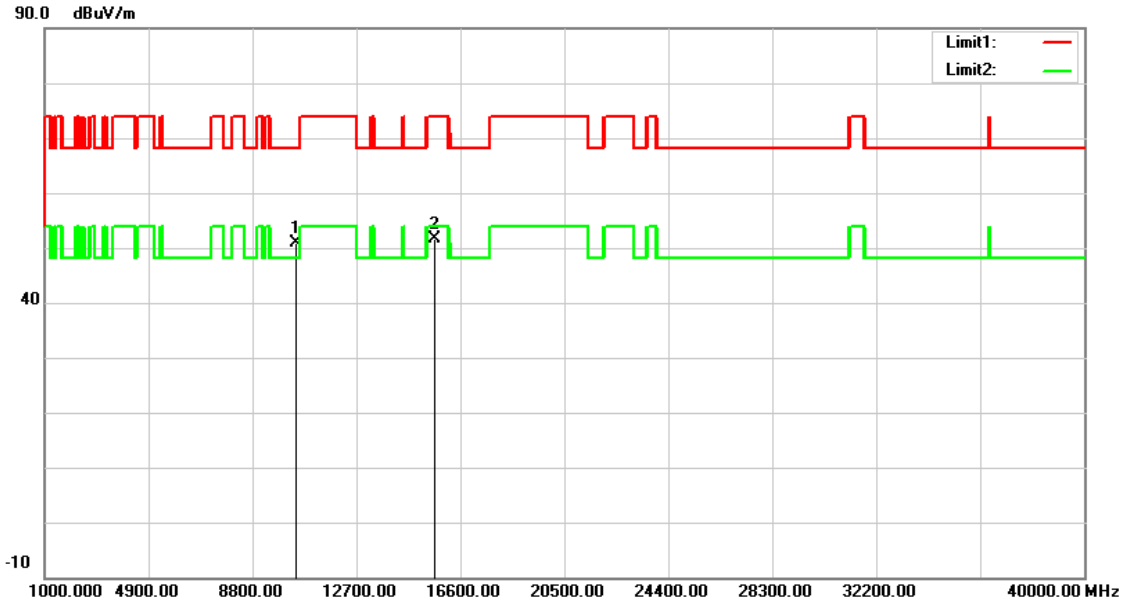
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	34.78	17.13	51.91	68.20	-16.29	peak
2	15630.000	32.91	18.94	51.85	74.00	-22.15	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



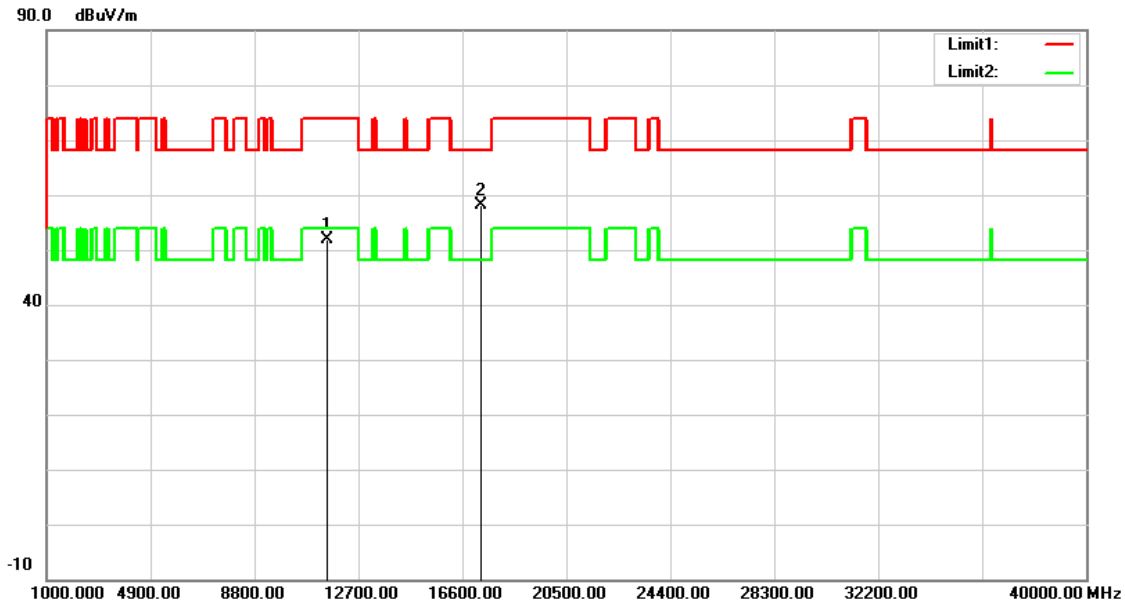
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	33.84	17.13	50.97	68.20	-17.23	peak
2	15630.000	32.78	18.94	51.72	74.00	-22.28	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



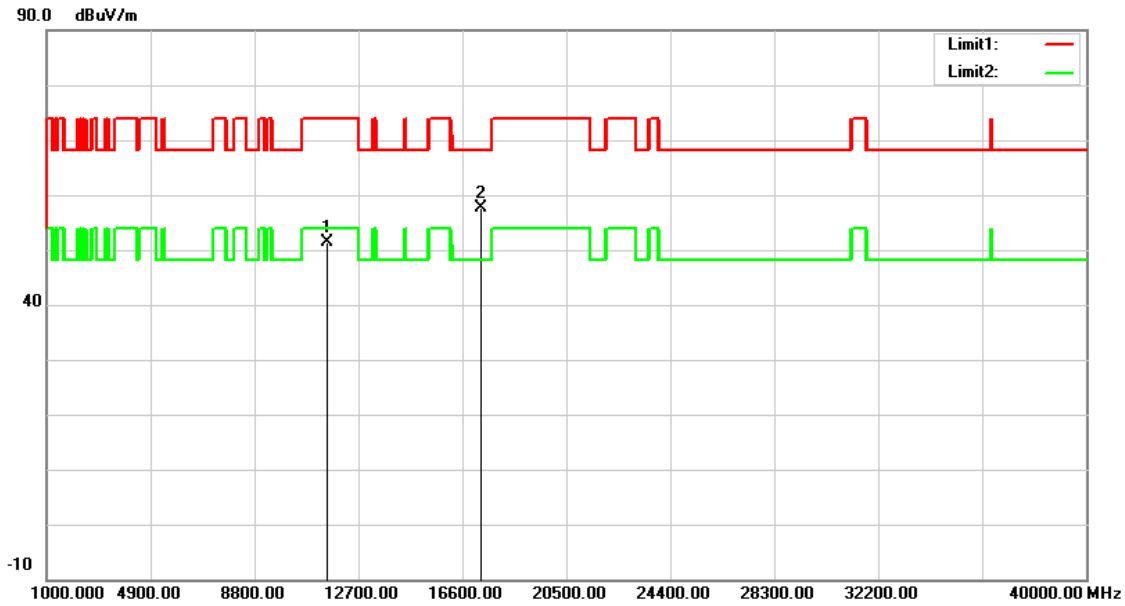
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	33.52	18.46	51.98	74.00	-22.02	peak
2	17325.000	33.41	24.68	58.09	68.20	-10.11	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



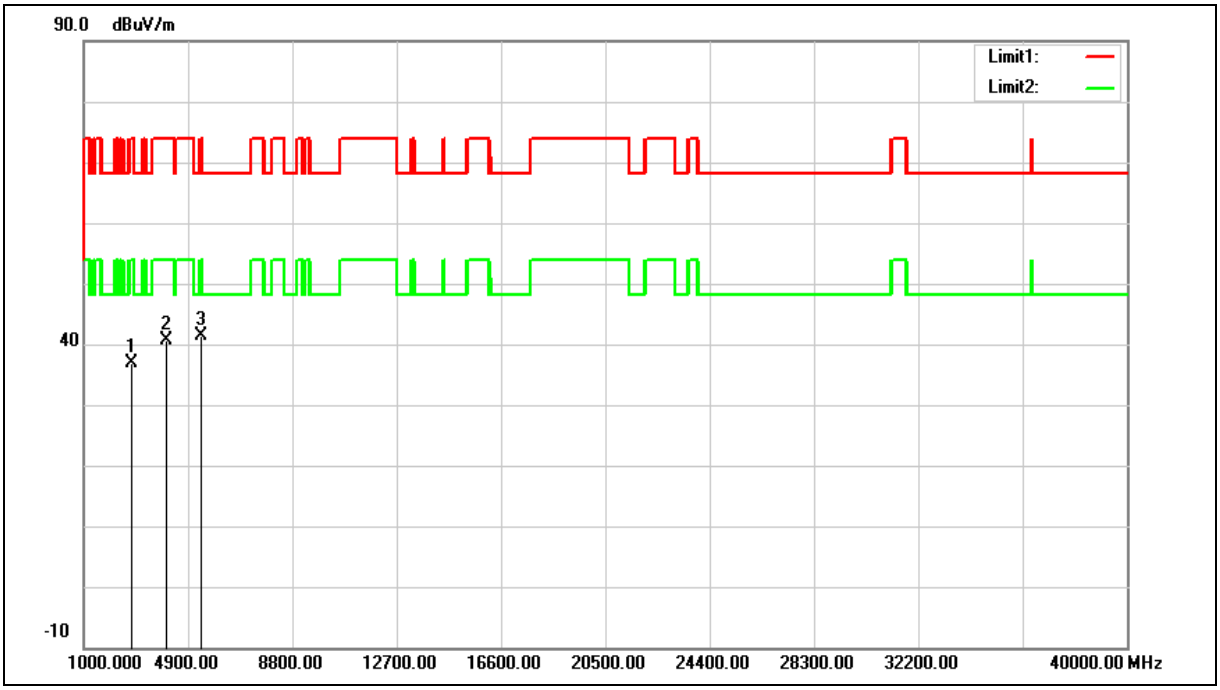
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	32.94	18.46	51.40	74.00	-22.60	peak
2	17325.000	33.01	24.68	57.69	68.20	-10.51	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Test Mode:	Simultaneous Transmitting (WLAN 2.4 + 5 GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Ant.Polar.:	Horizontal		



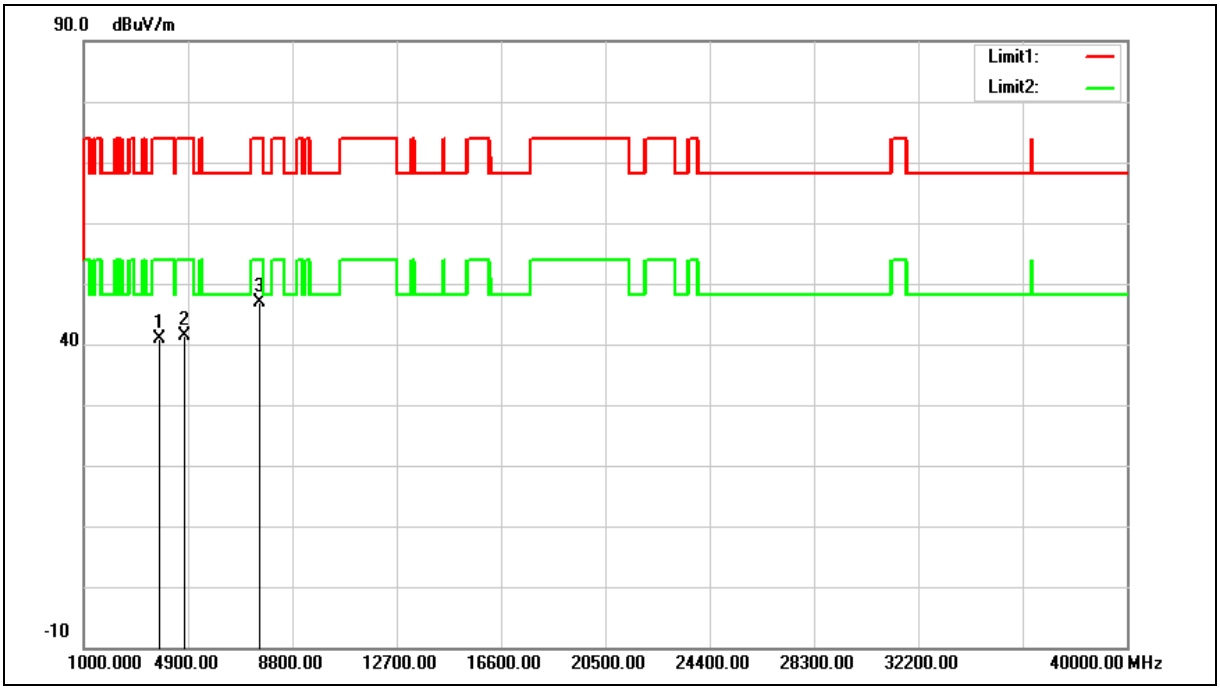
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2785.000	36.54	0.26	36.80	74.00	-37.20	peak
2	4077.000	37.17	3.48	40.65	74.00	-33.35	peak
3	5403.000	34.55	6.86	41.41	74.00	-32.59	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Test Mode:	Simultaneous Transmitting (WLAN 2.4 + 5 GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3822.000	38.25	2.71	40.96	74.00	-33.04	peak
2	4791.000	35.79	5.51	41.30	74.00	-32.70	peak
3	7579.000	33.98	12.85	46.83	74.00	-27.17	peak

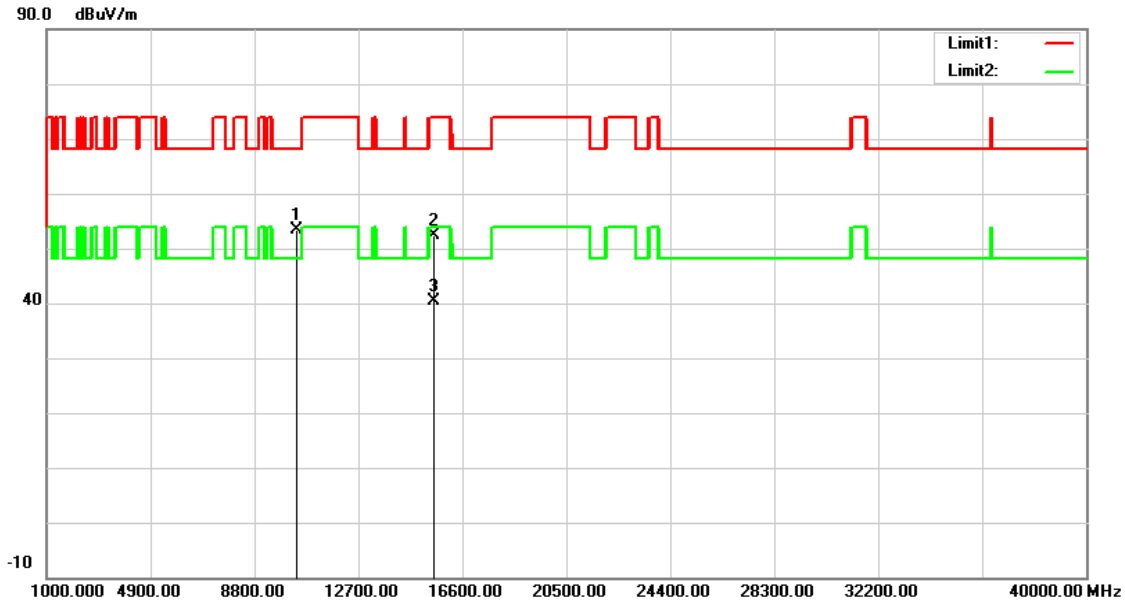
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Plastic shell : Matrix 2X

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



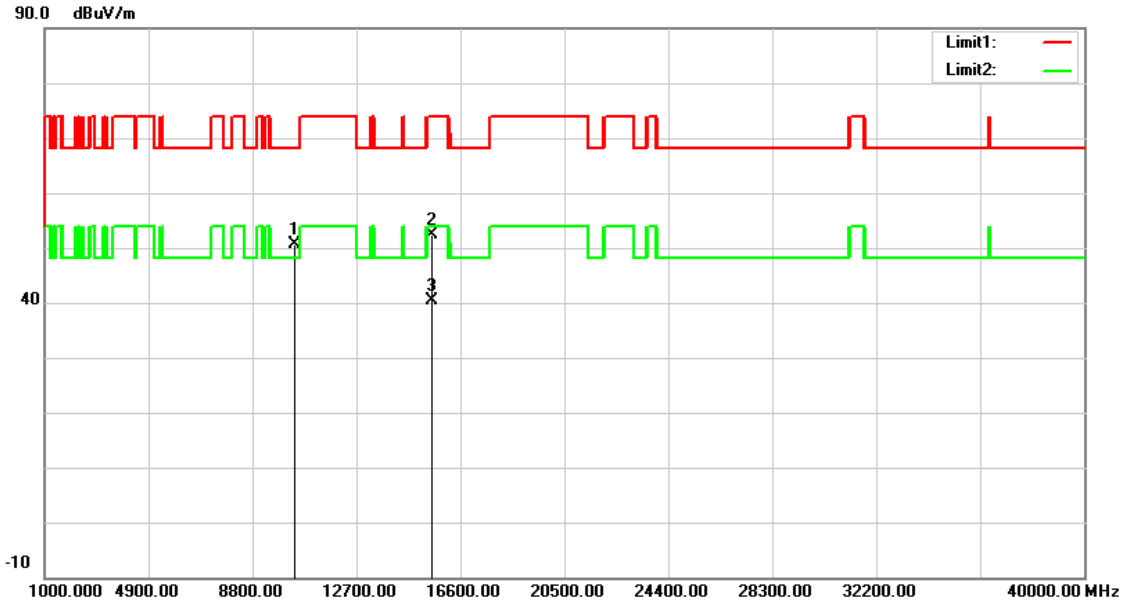
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	36.50	16.92	53.42	68.20	-14.78	peak
2	15540.000	33.12	19.18	52.30	74.00	-21.70	peak
3	15540.000	21.20	19.18	40.38	54.00	-13.62	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



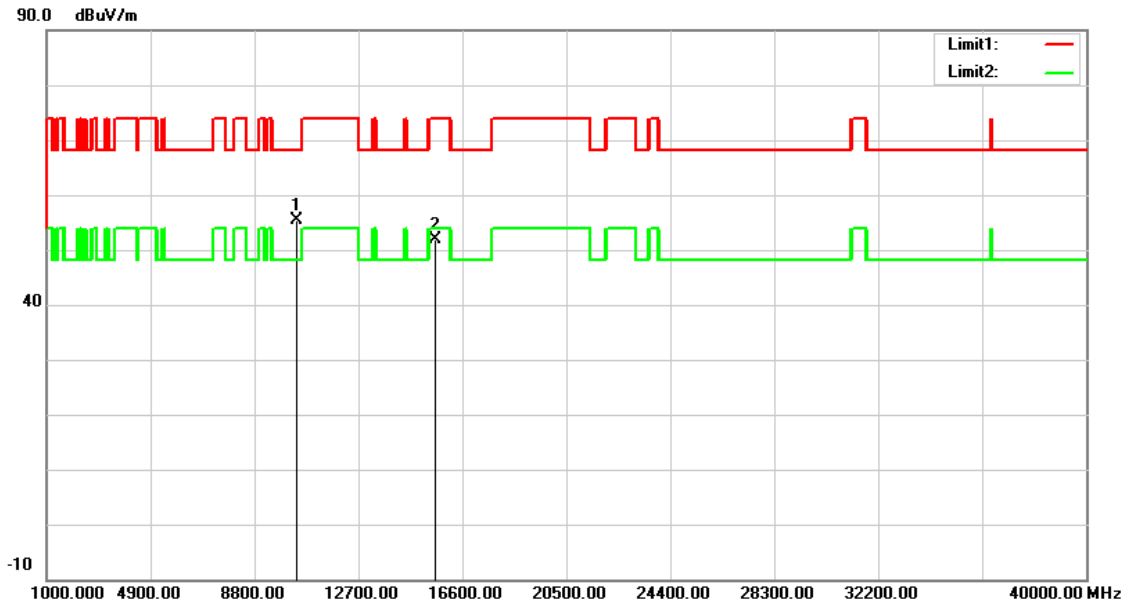
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	33.71	16.92	50.63	68.20	-17.57	peak
2	15540.000	33.08	19.18	52.26	74.00	-21.74	peak
3	15540.000	21.10	19.18	40.28	54.00	-13.72	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



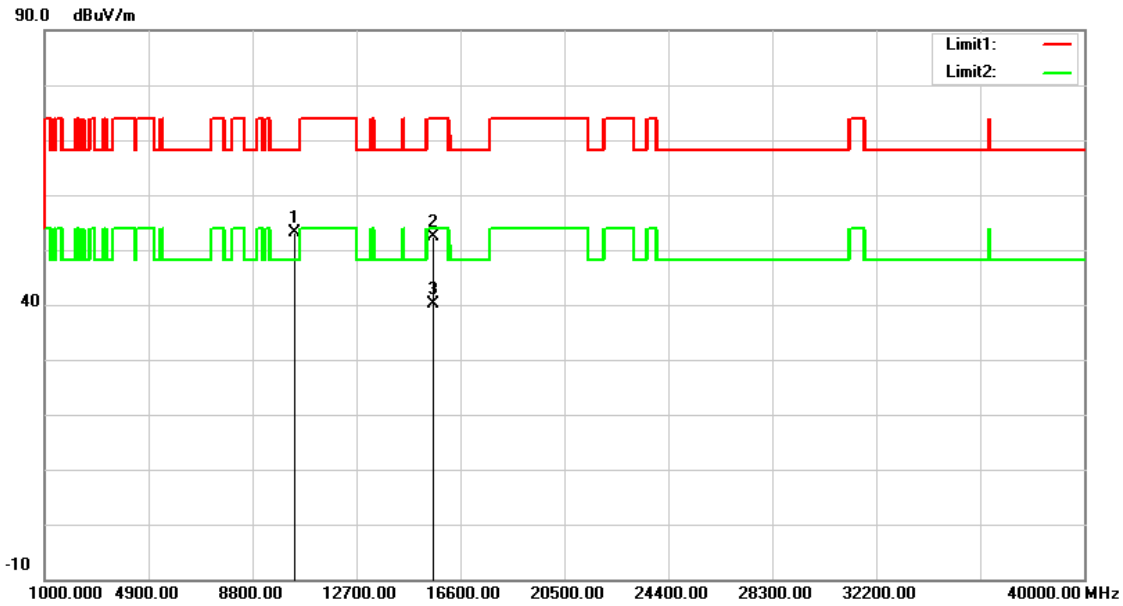
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	38.40	17.06	55.46	68.20	-12.74	peak
2	15600.000	32.95	19.02	51.97	74.00	-22.03	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



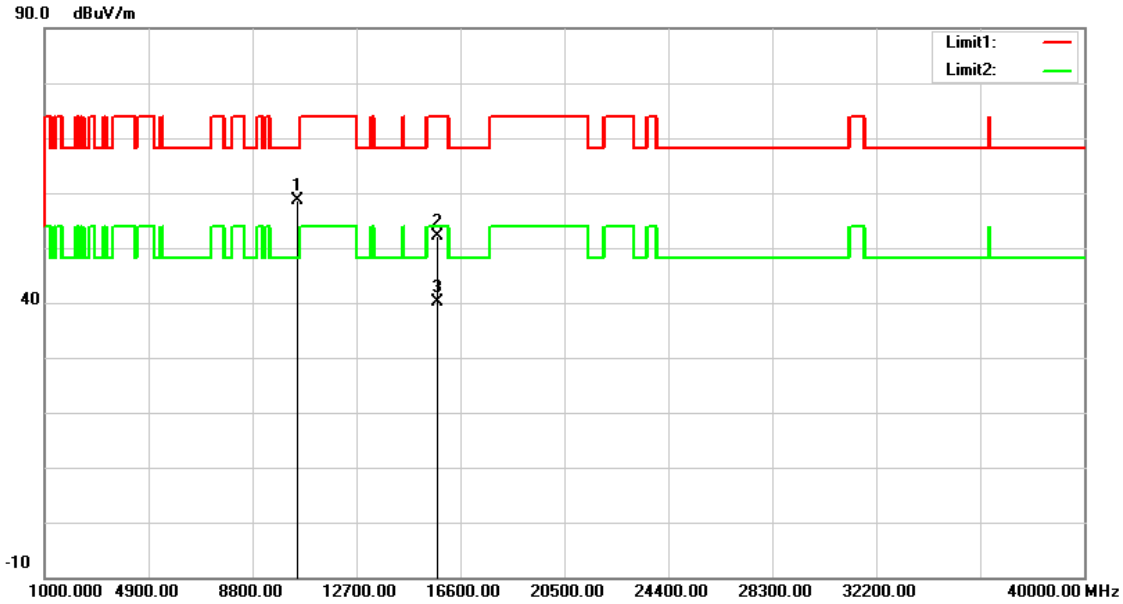
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	36.04	17.06	53.10	68.20	-15.10	peak
2	15600.000	33.34	19.02	52.36	74.00	-21.64	peak
3	15600.000	21.00	19.02	40.02	54.00	-13.98	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



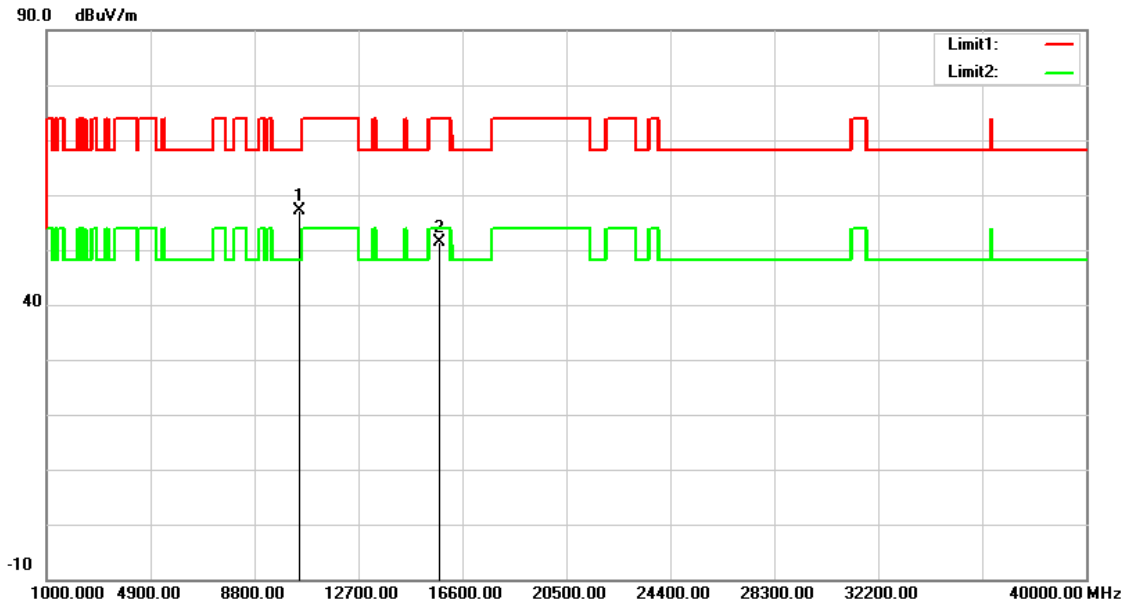
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	41.25	17.35	58.60	68.20	-9.60	peak
2	15720.000	33.39	18.71	52.10	74.00	-21.90	peak
3	15720.000	21.54	18.71	40.25	54.00	-13.75	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



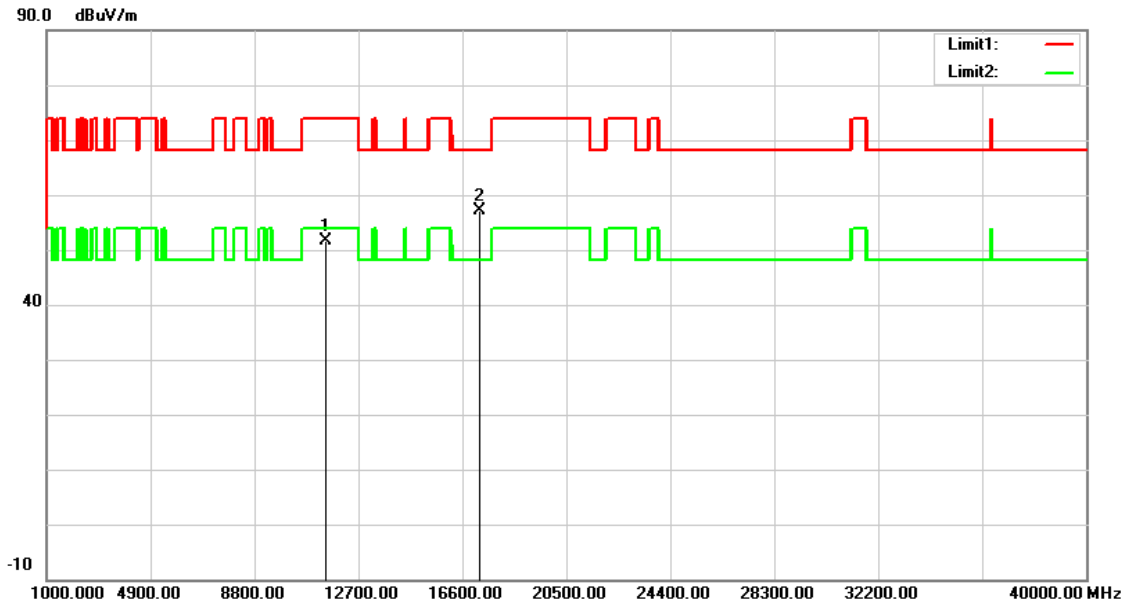
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	39.73	17.35	57.08	68.20	-11.12	peak
2	15720.000	32.56	18.71	51.27	74.00	-22.73	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



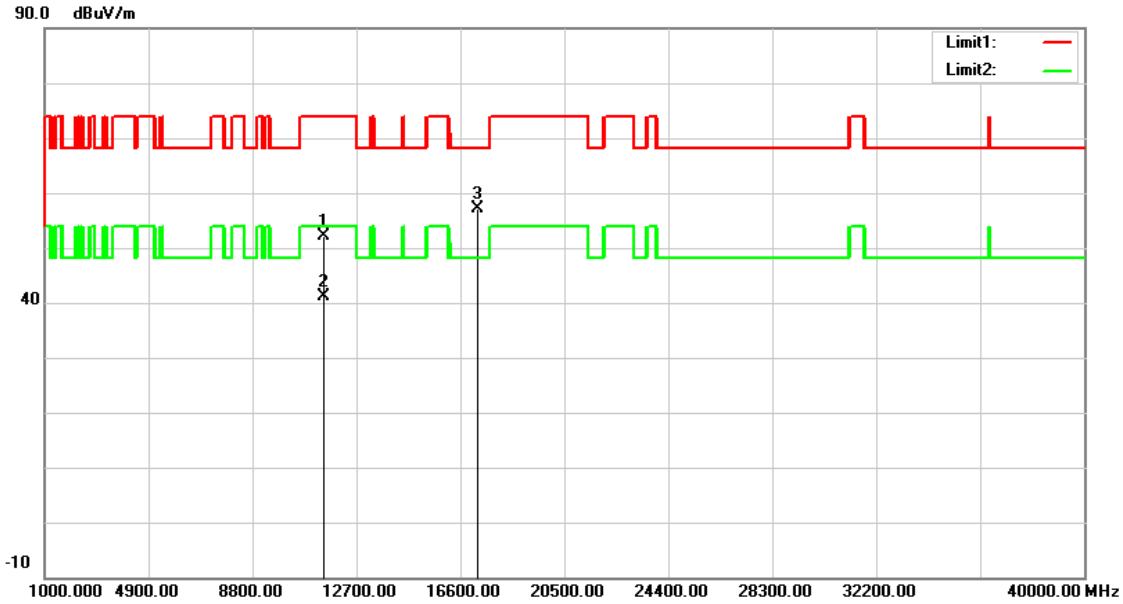
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	33.11	18.50	51.61	74.00	-22.39	peak
2	17235.000	32.75	24.31	57.06	68.20	-11.14	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



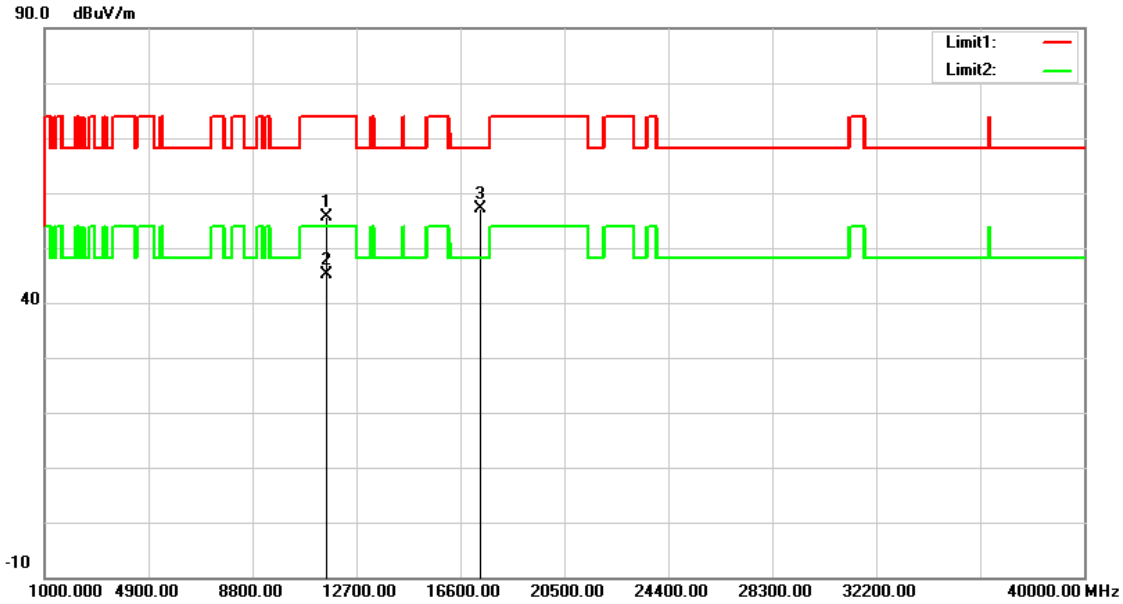
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	33.73	18.50	52.23	74.00	-21.77	peak
2	11490.000	22.69	18.50	41.19	54.00	-12.81	AVG
3	17235.000	32.80	24.31	57.11	68.20	-11.09	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



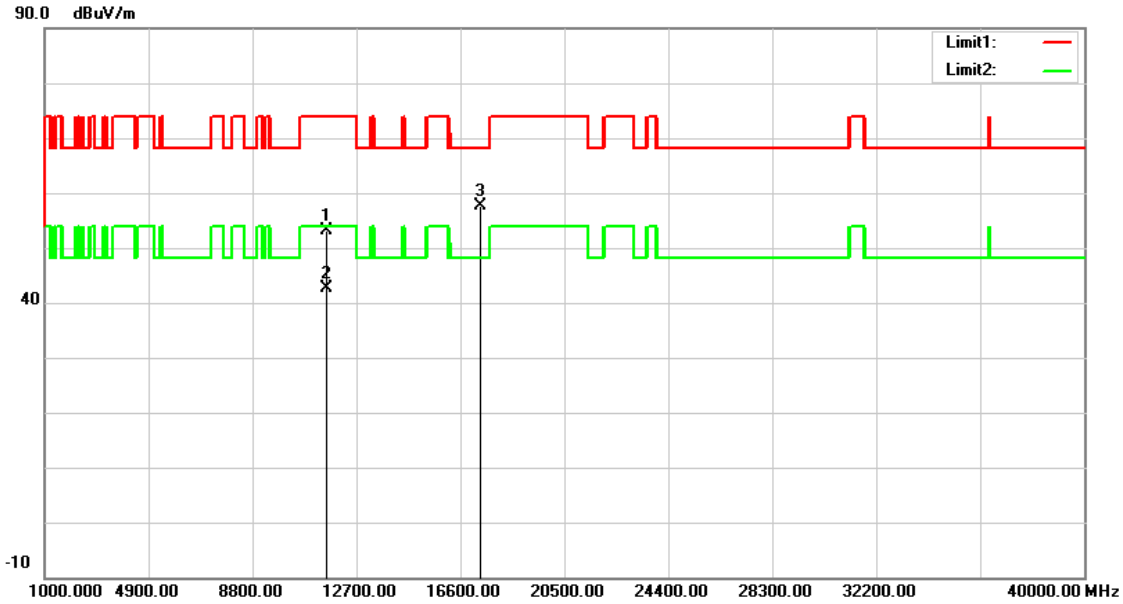
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	37.25	18.44	55.69	74.00	-18.31	peak
2	11570.000	26.68	18.44	45.12	54.00	-8.88	AVG
3	17355.000	32.42	24.79	57.21	68.20	-10.99	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



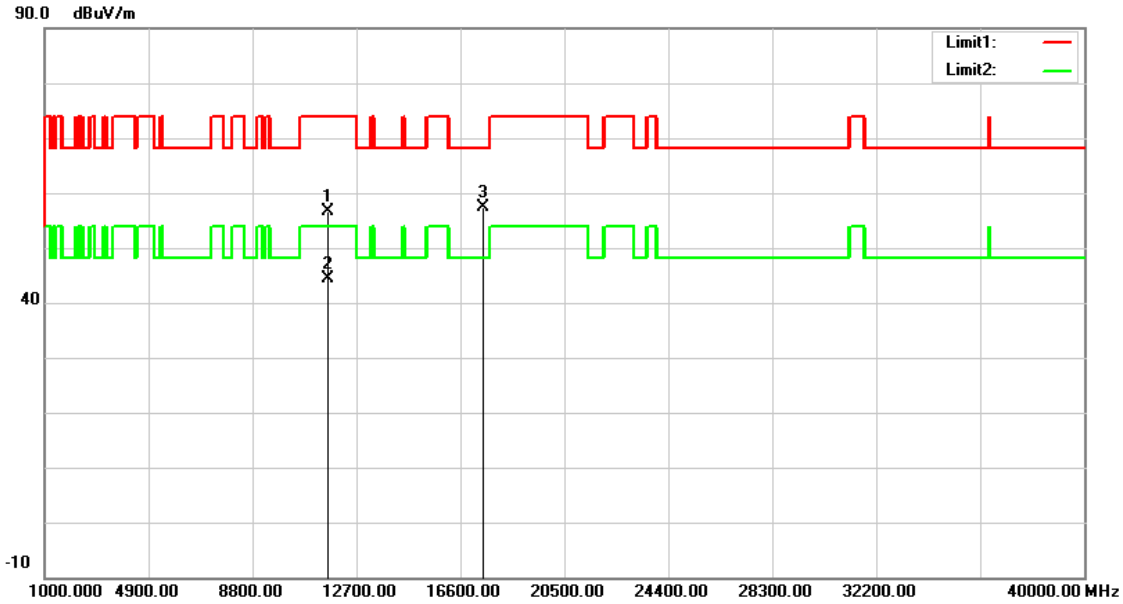
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	34.64	18.44	53.08	74.00	-20.92	peak
2	11570.000	24.11	18.44	42.55	54.00	-11.45	AVG
3	17355.000	32.91	24.79	57.70	68.20	-10.50	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



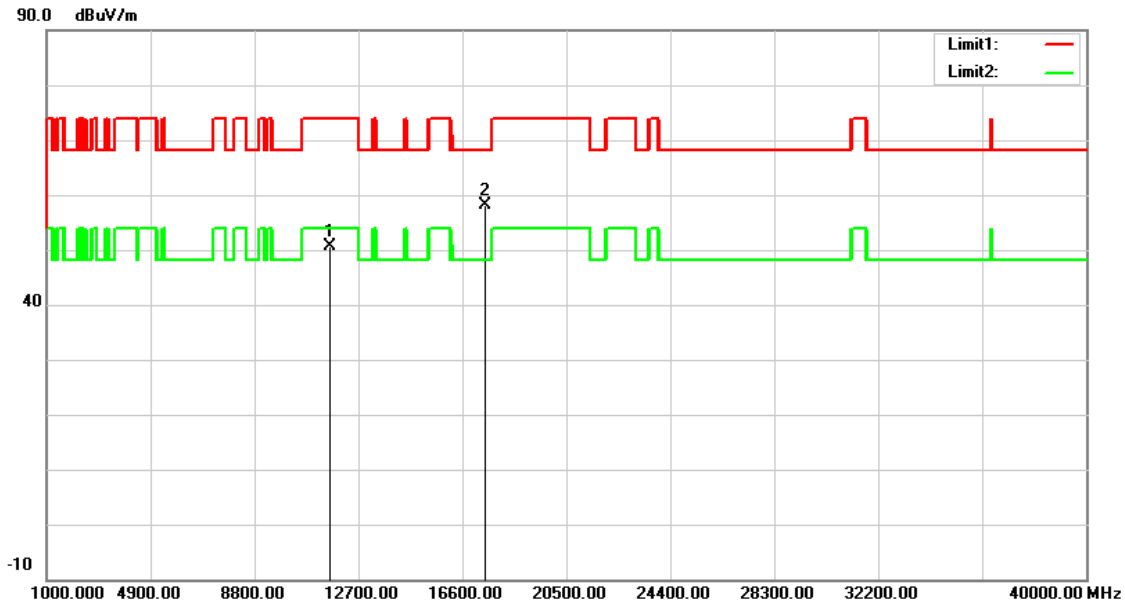
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	38.28	18.38	56.66	74.00	-17.34	peak
2	11650.000	25.89	18.38	44.27	54.00	-9.73	AVG
3	17475.000	32.18	25.26	57.44	68.20	-10.76	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



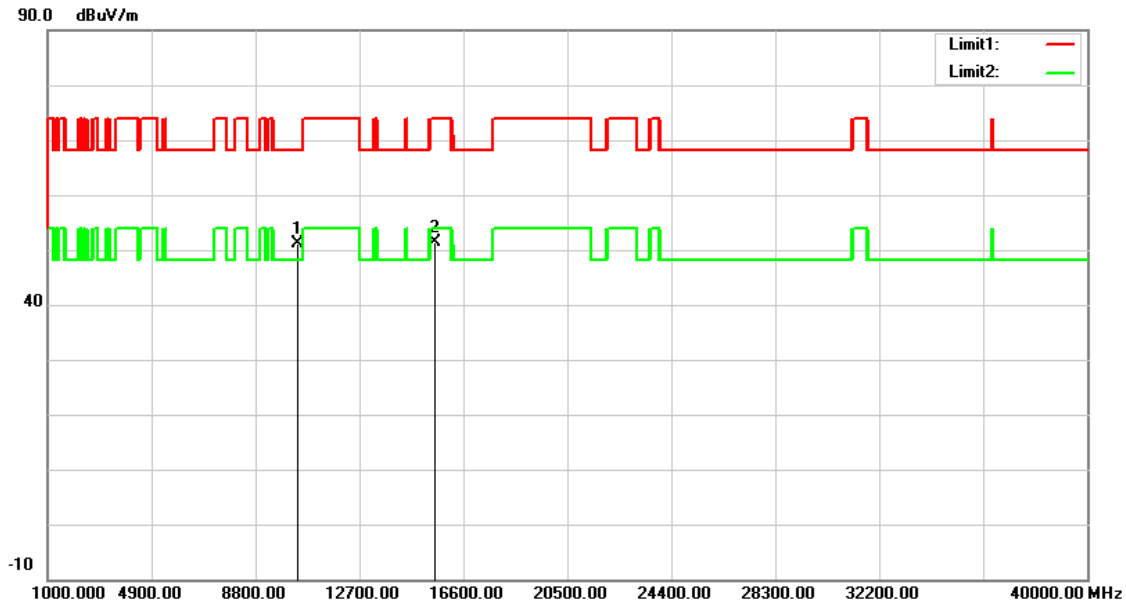
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	32.16	18.38	50.54	74.00	-23.46	peak
2	17475.000	32.77	25.26	58.03	68.20	-10.17	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



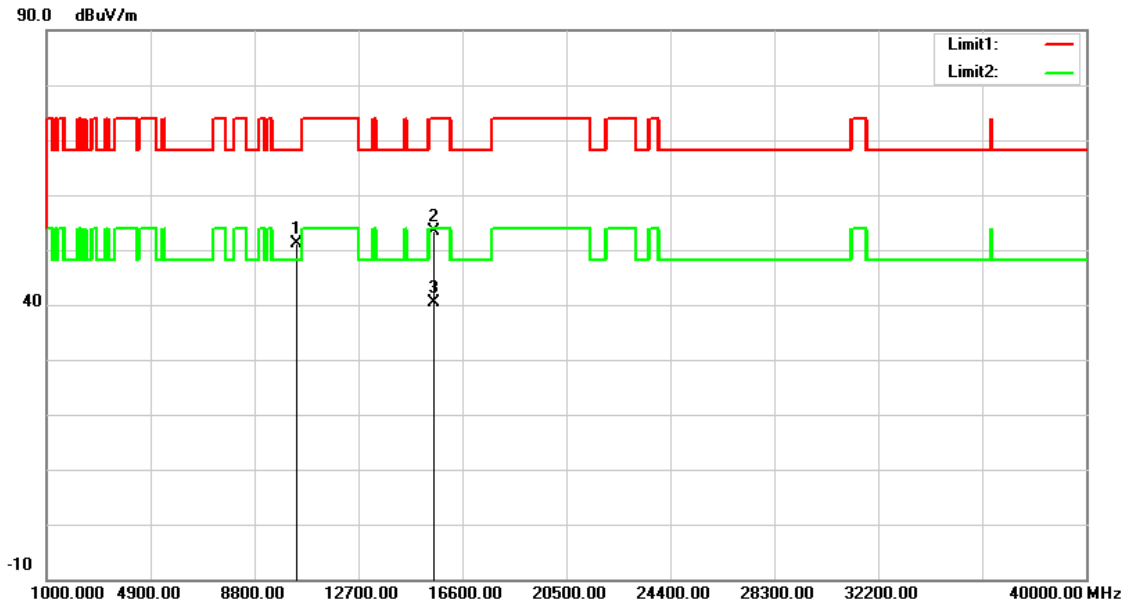
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	34.25	16.92	51.17	68.20	-17.03	peak
2	15540.000	32.21	19.18	51.39	74.00	-22.61	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



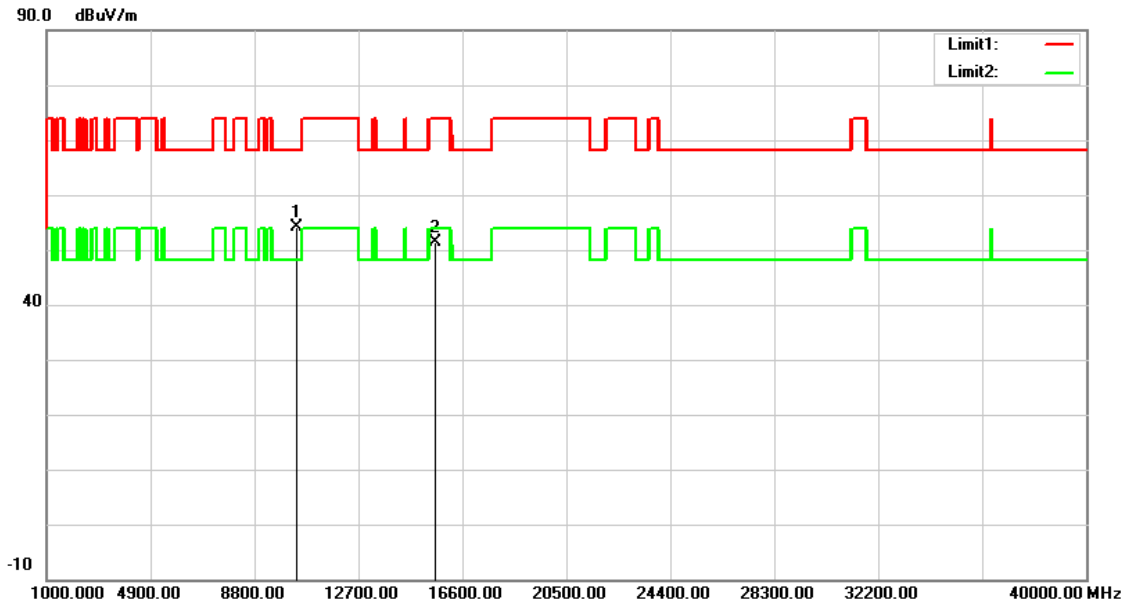
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	34.31	16.92	51.23	68.20	-16.97	peak
2	15540.000	34.17	19.18	53.35	74.00	-20.65	peak
3	15540.000	21.16	19.18	40.34	54.00	-13.66	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



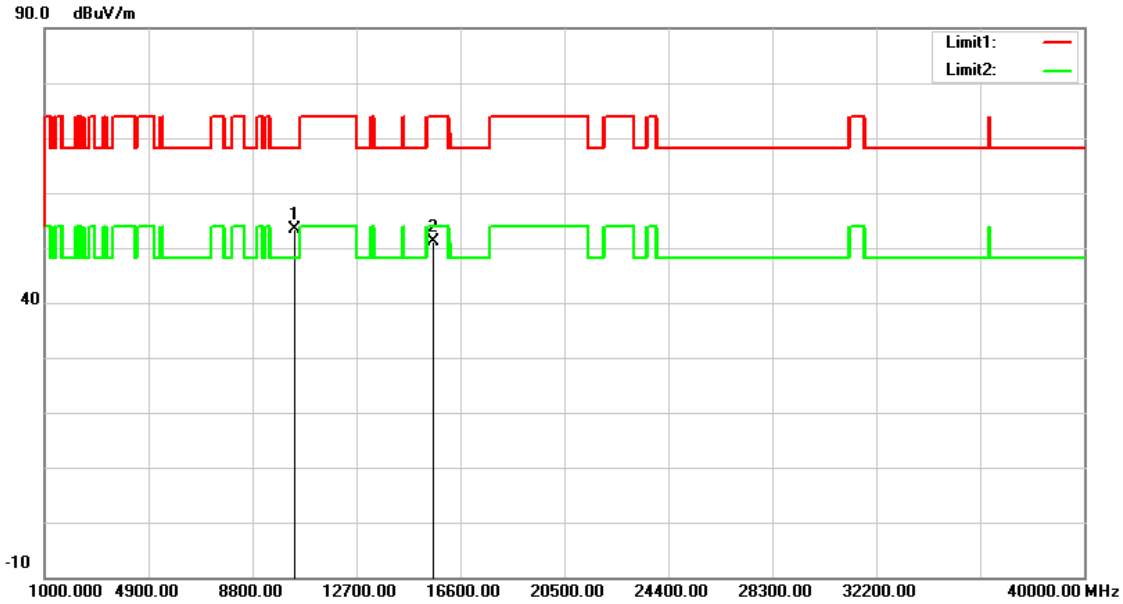
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	36.95	17.06	54.01	68.20	-14.19	peak
2	15600.000	32.31	19.02	51.33	74.00	-22.67	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



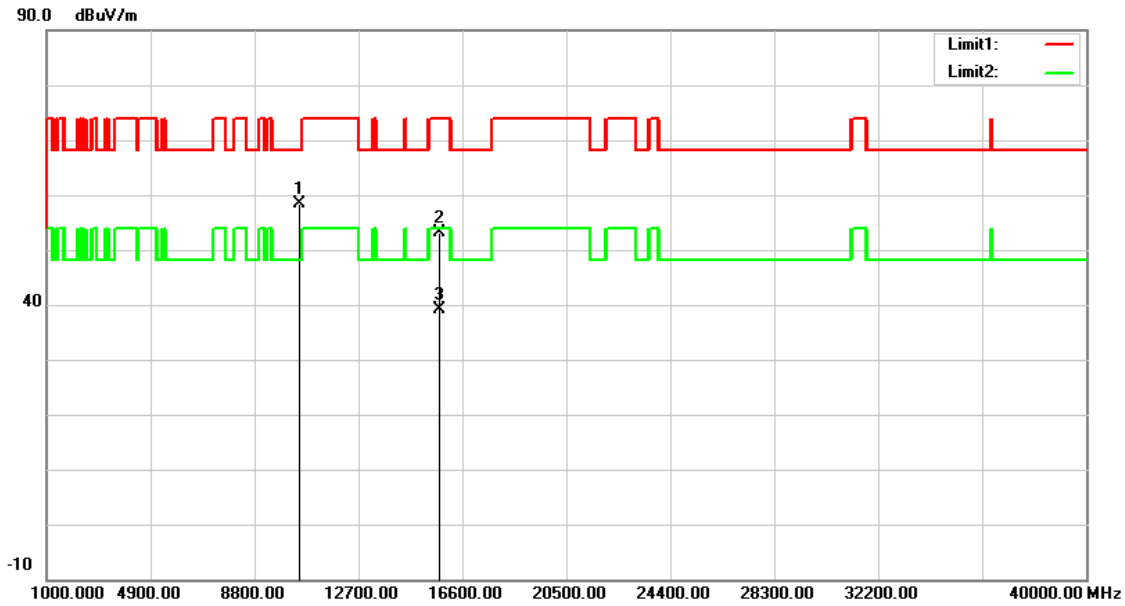
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	36.35	17.06	53.41	68.20	-14.79	peak
2	15600.000	32.07	19.02	51.09	74.00	-22.91	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



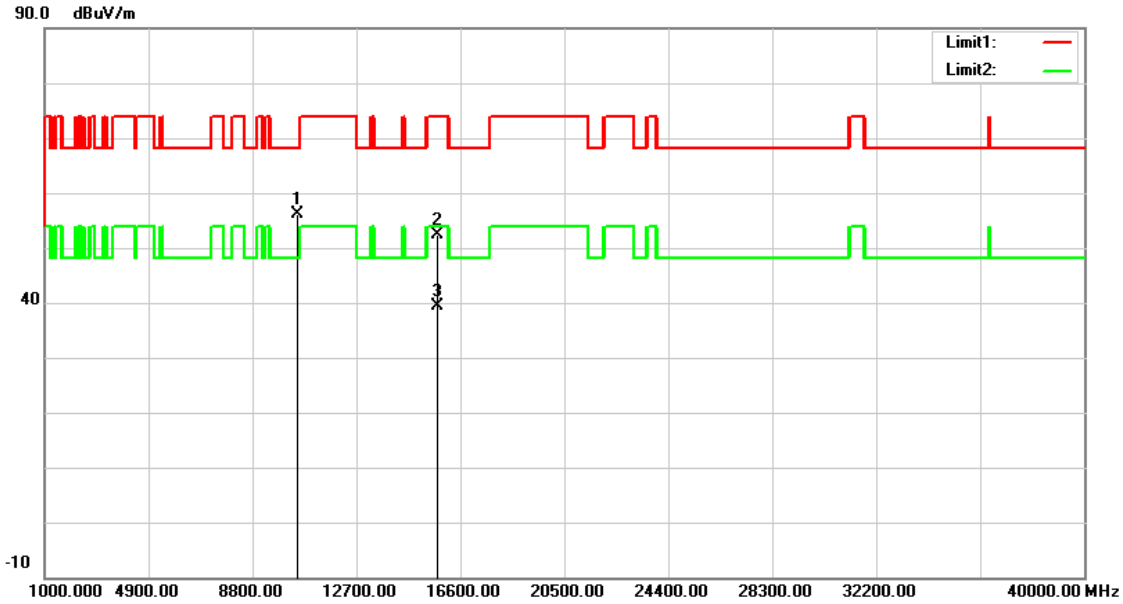
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	40.96	17.35	58.31	68.20	-9.89	peak
2	15720.000	34.31	18.71	53.02	74.00	-20.98	peak
3	15720.000	20.50	18.71	39.21	54.00	-14.79	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



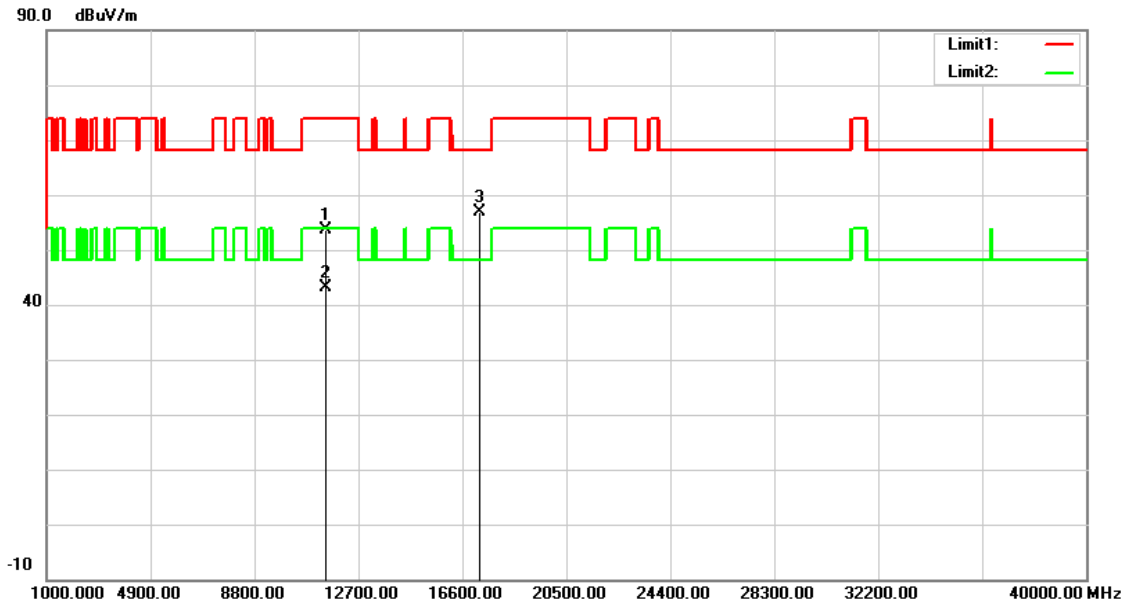
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	38.66	17.35	56.01	68.20	-12.19	peak
2	15720.000	33.75	18.71	52.46	74.00	-21.54	peak
3	15720.000	20.72	18.71	39.43	54.00	-14.57	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



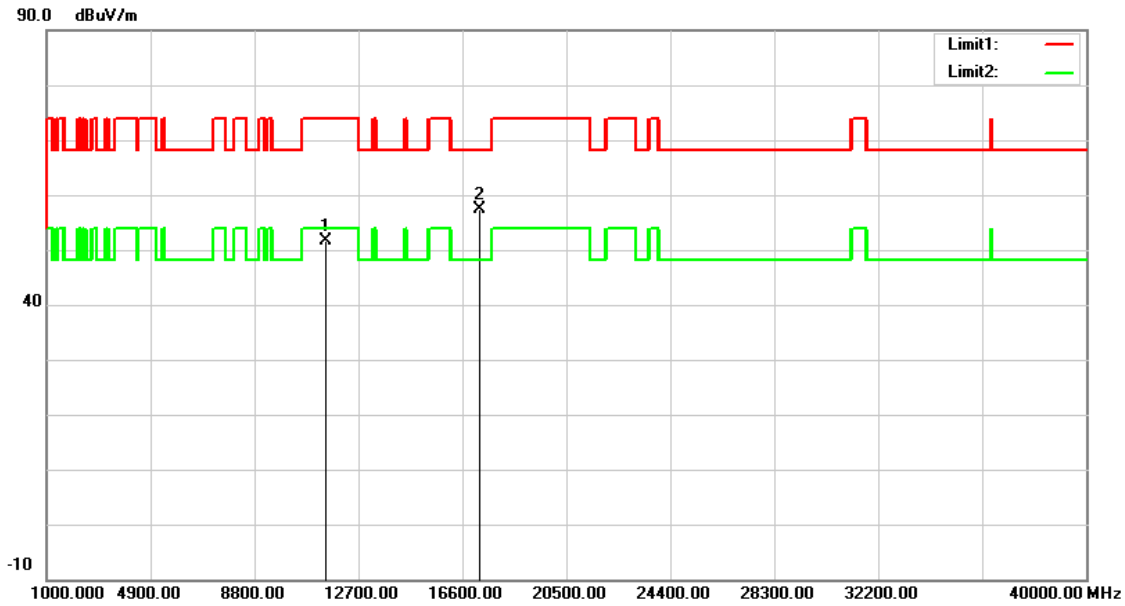
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	35.03	18.50	53.53	74.00	-20.47	peak
2	11490.000	24.70	18.50	43.20	54.00	-10.80	AVG
3	17235.000	32.59	24.31	56.90	68.20	-11.30	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



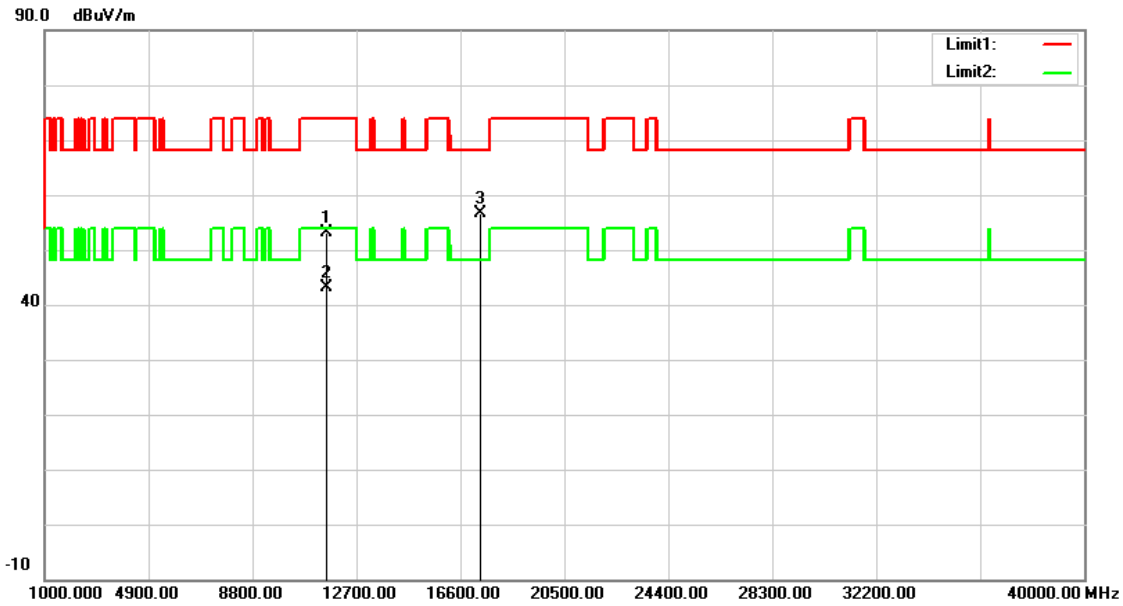
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	33.01	18.50	51.51	74.00	-22.49	peak
2	17235.000	32.96	24.31	57.27	68.20	-10.93	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



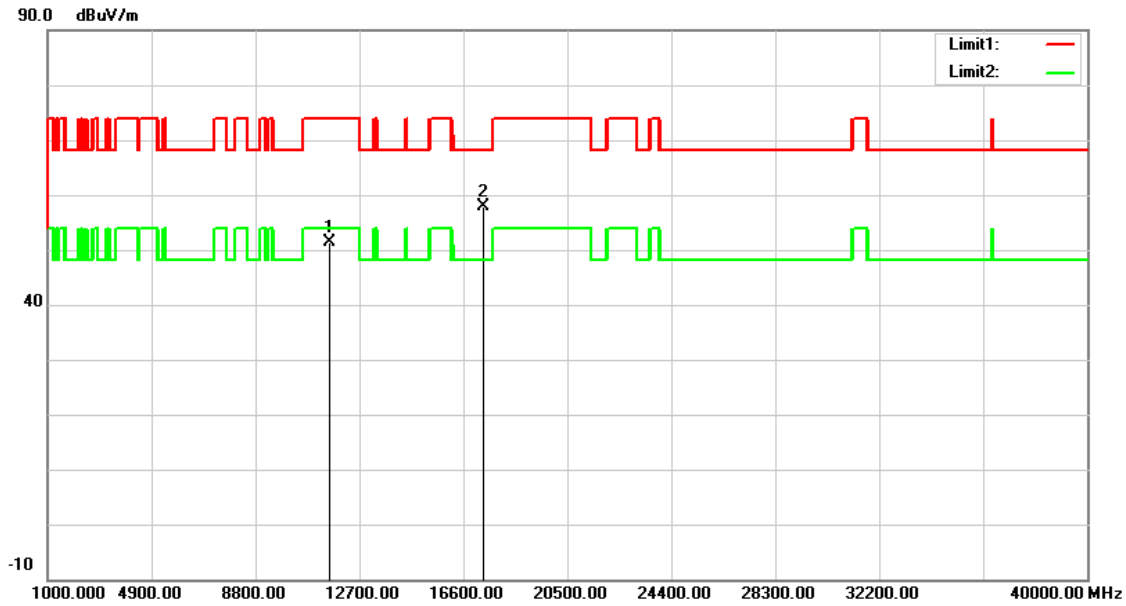
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	34.62	18.44	53.06	74.00	-20.94	peak
2	11570.000	24.60	18.44	43.04	54.00	-10.96	AVG
3	17355.000	31.93	24.79	56.72	68.20	-11.48	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



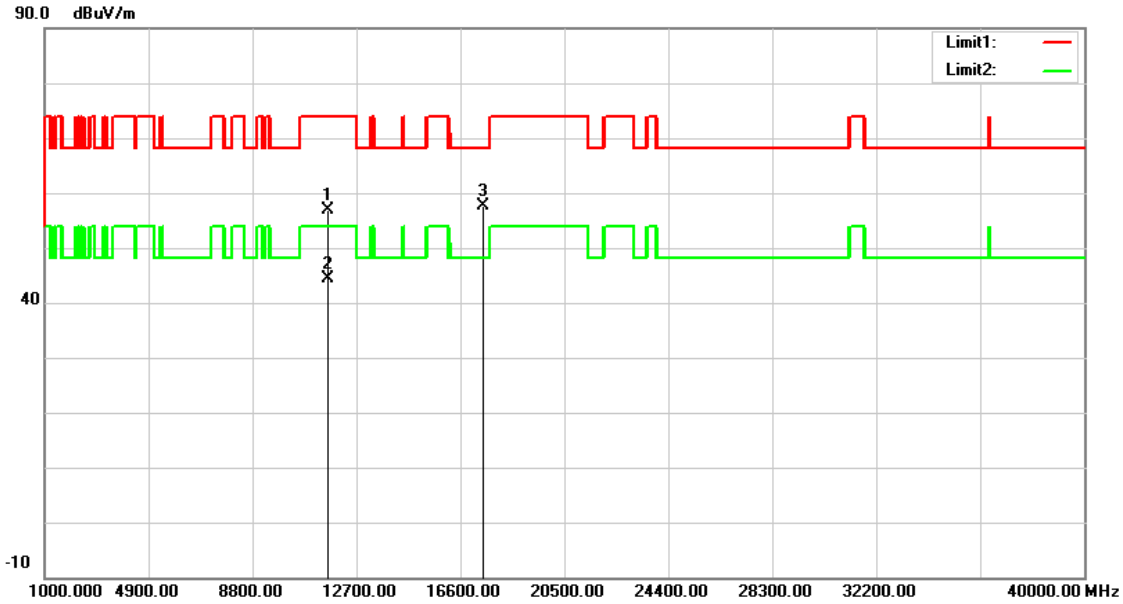
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	32.86	18.44	51.30	74.00	-22.70	peak
2	17355.000	33.12	24.79	57.91	68.20	-10.29	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



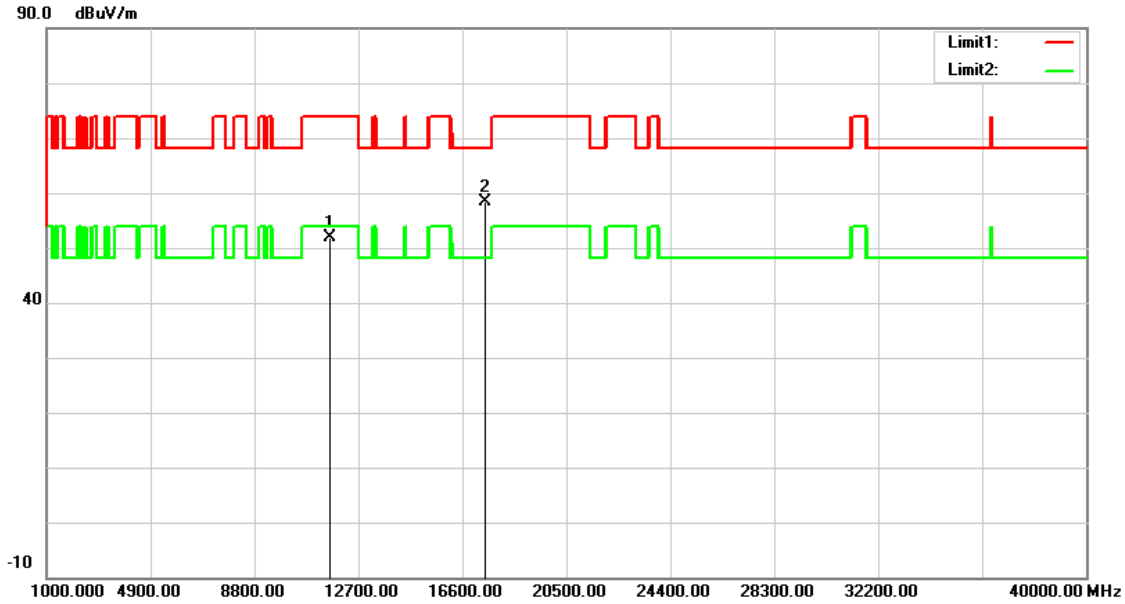
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	38.45	18.38	56.83	74.00	-17.17	peak
2	11650.000	25.94	18.38	44.32	54.00	-9.68	AVG
3	17475.000	32.30	25.26	57.56	68.20	-10.64	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



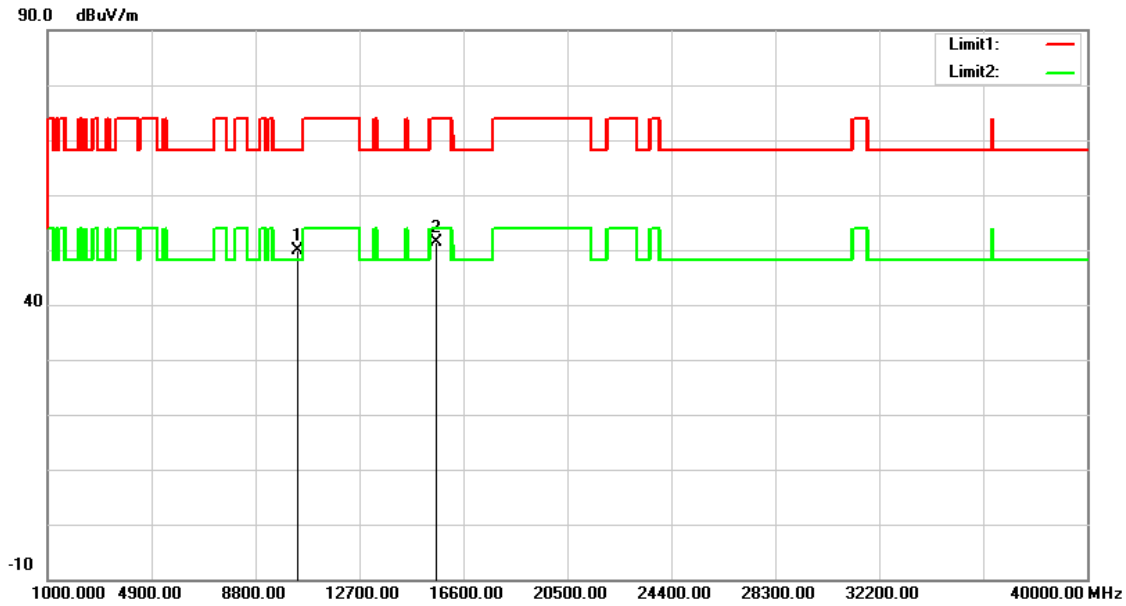
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	33.45	18.38	51.83	74.00	-22.17	peak
2	17475.000	33.07	25.26	58.33	68.20	-9.87	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



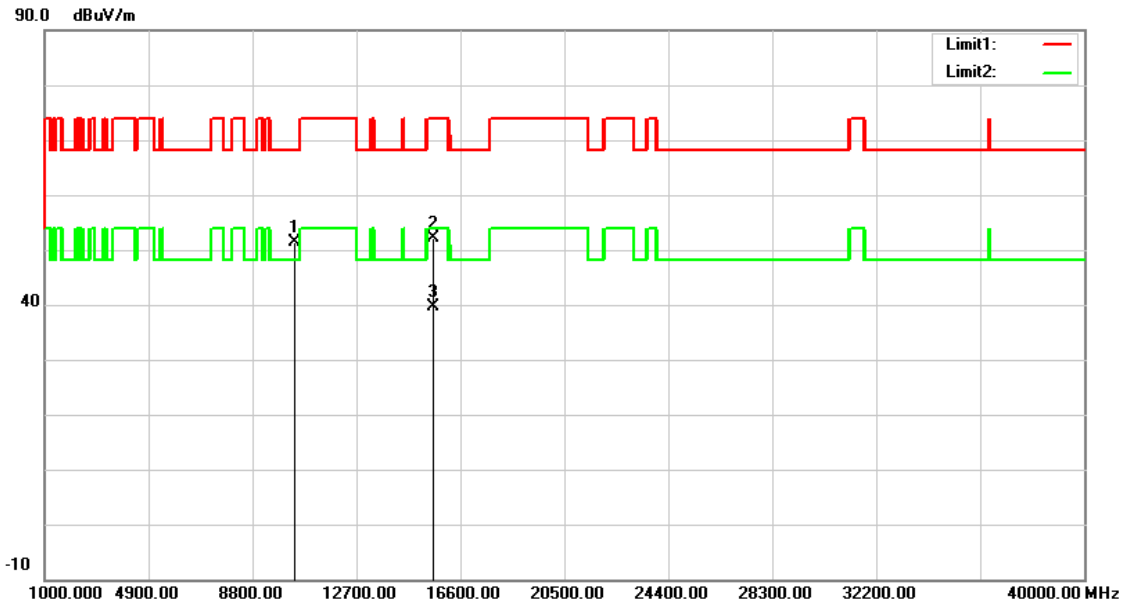
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	32.99	16.98	49.97	68.20	-18.23	peak
2	15570.000	32.33	19.11	51.44	74.00	-22.56	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



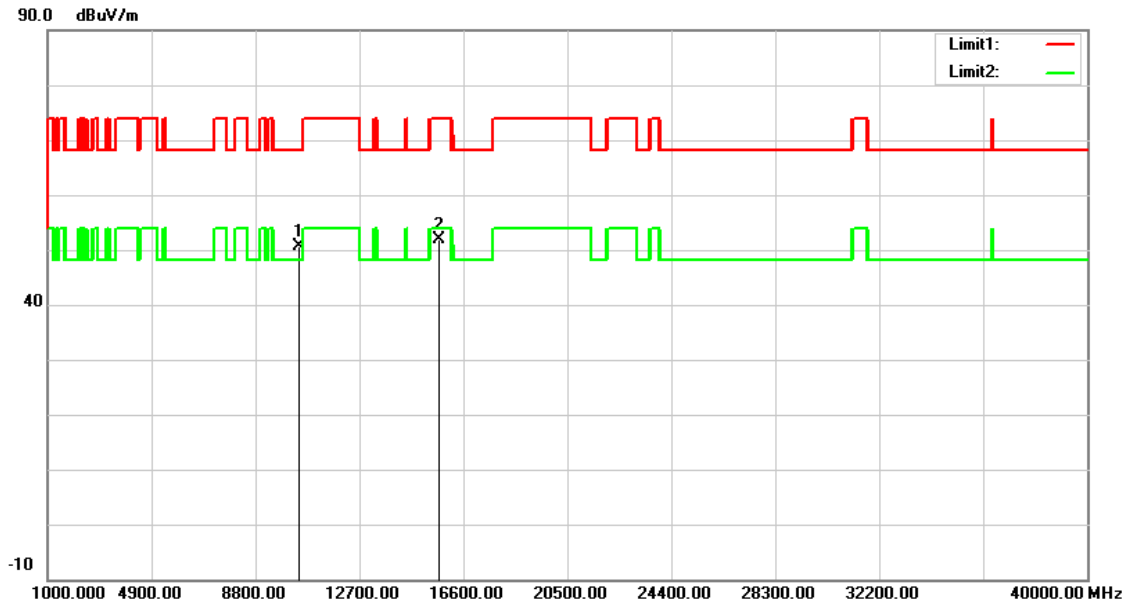
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	34.39	16.98	51.37	68.20	-16.83	peak
2	15570.000	32.99	19.11	52.10	74.00	-21.90	peak
3	15570.000	20.40	19.11	39.51	54.00	-14.49	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



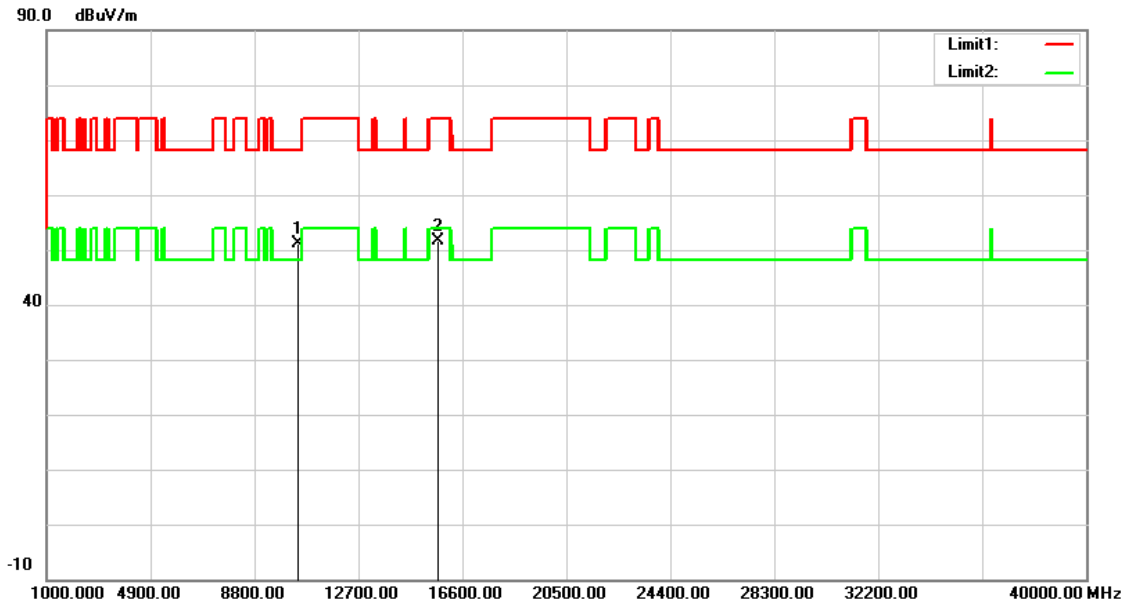
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	33.47	17.27	50.74	68.20	-17.46	peak
2	15690.000	33.00	18.78	51.78	74.00	-22.22	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



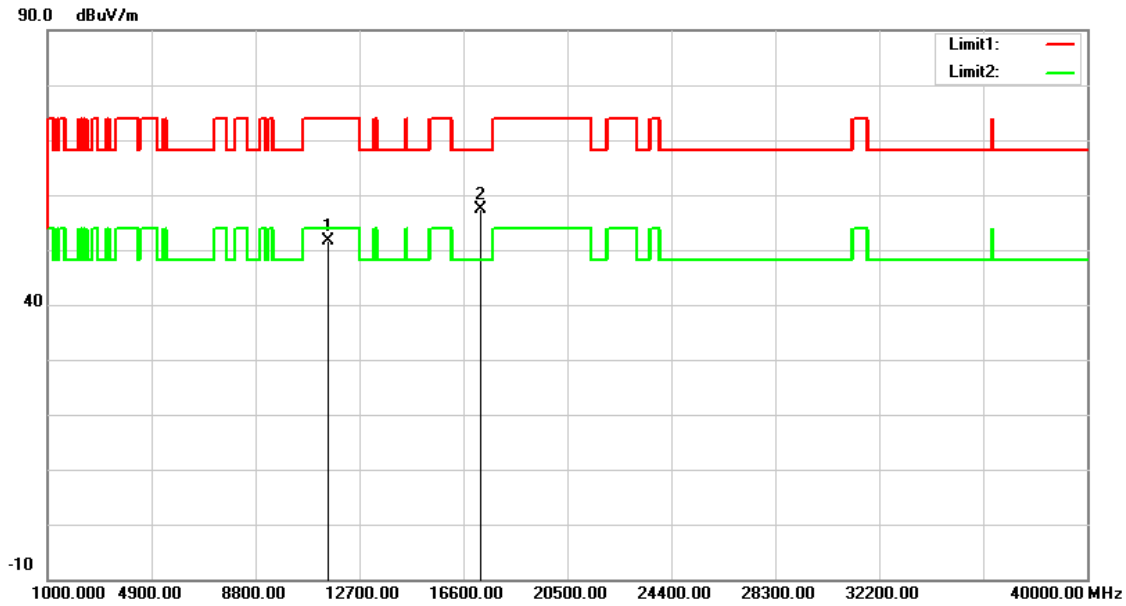
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	33.76	17.27	51.03	68.20	-17.17	peak
2	15690.000	32.76	18.78	51.54	74.00	-22.46	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5755 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



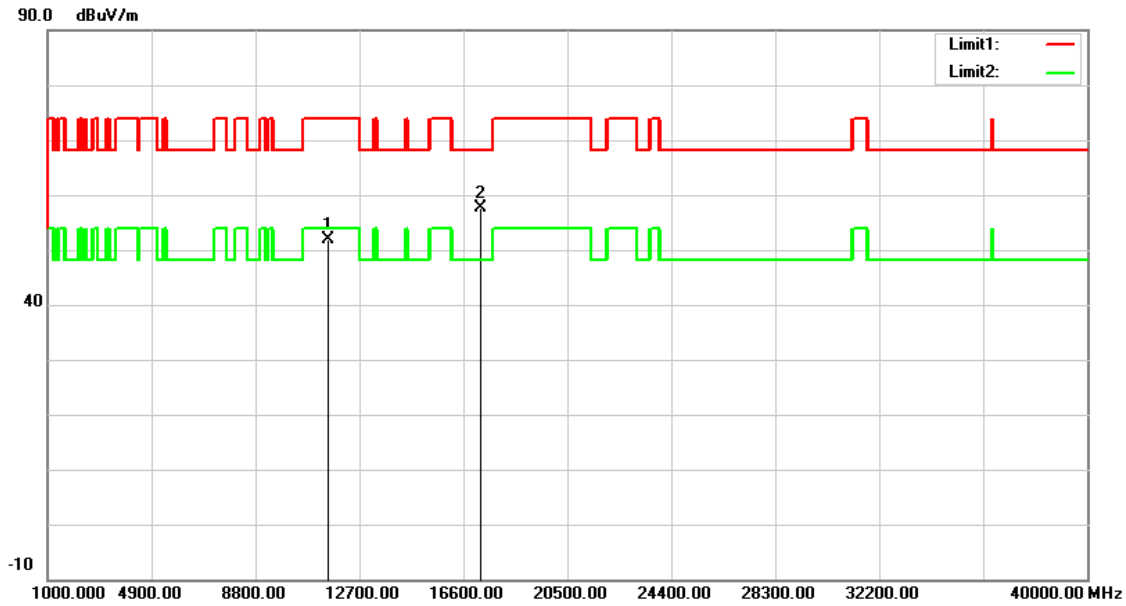
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	33.16	18.49	51.65	74.00	-22.35	peak
2	17265.000	32.82	24.44	57.26	68.20	-10.94	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5755 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



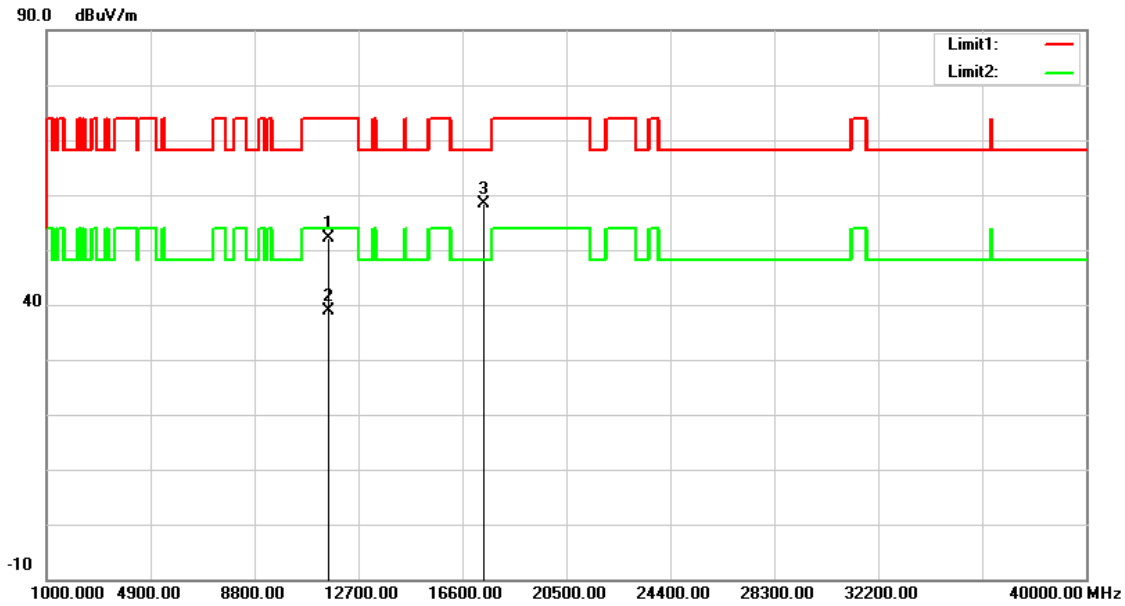
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	33.38	18.49	51.87	74.00	-22.13	peak
2	17265.000	33.14	24.44	57.58	68.20	-10.62	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5795 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



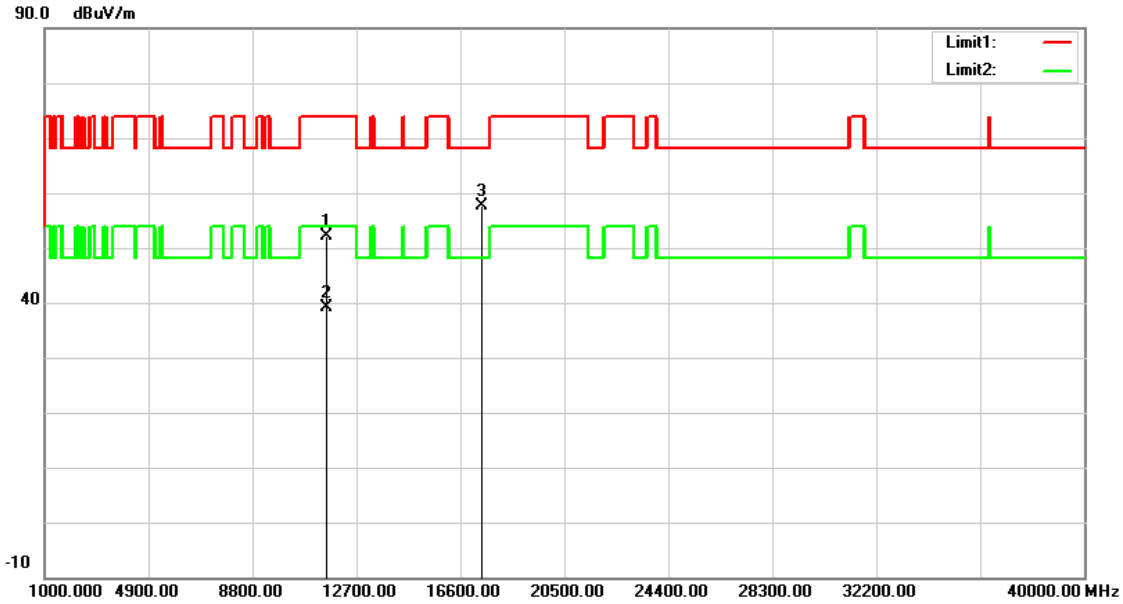
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	33.65	18.43	52.08	74.00	-21.92	peak
2	11590.000	20.47	18.43	38.90	54.00	-15.10	AVG
3	17385.000	33.40	24.90	58.30	68.20	-9.90	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5795 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



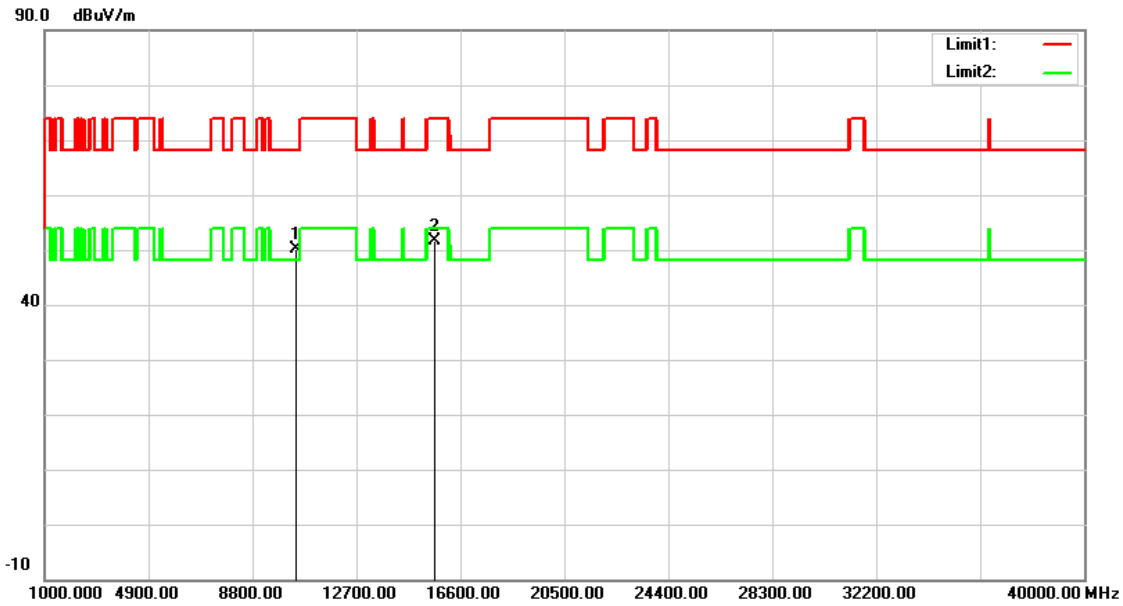
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	33.80	18.43	52.23	74.00	-21.77	peak
2	11590.000	20.59	18.43	39.02	54.00	-14.98	AVG
3	17385.000	32.74	24.90	57.64	68.20	-10.56	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



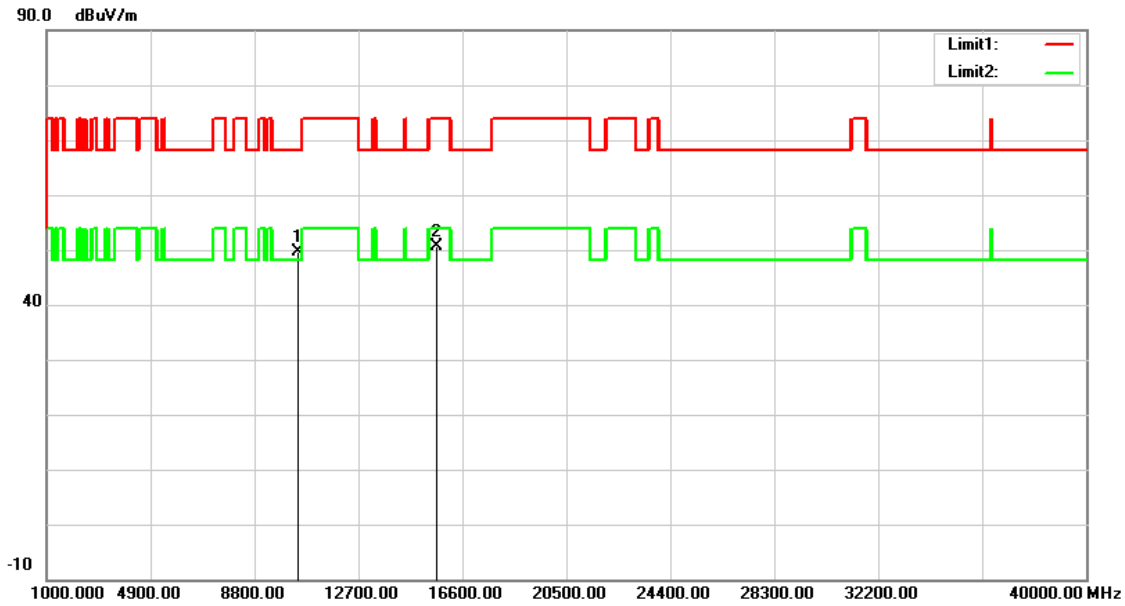
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	33.05	17.13	50.18	68.20	-18.02	peak
2	15630.000	32.76	18.94	51.70	74.00	-22.30	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



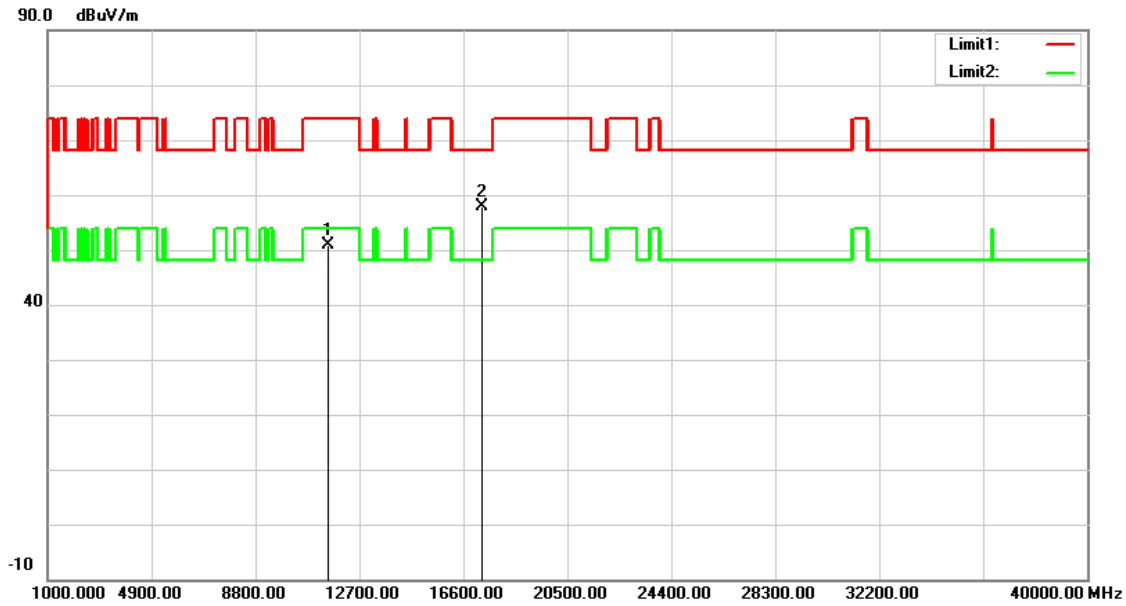
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	32.46	17.13	49.59	68.20	-18.61	peak
2	15630.000	31.61	18.94	50.55	74.00	-23.45	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



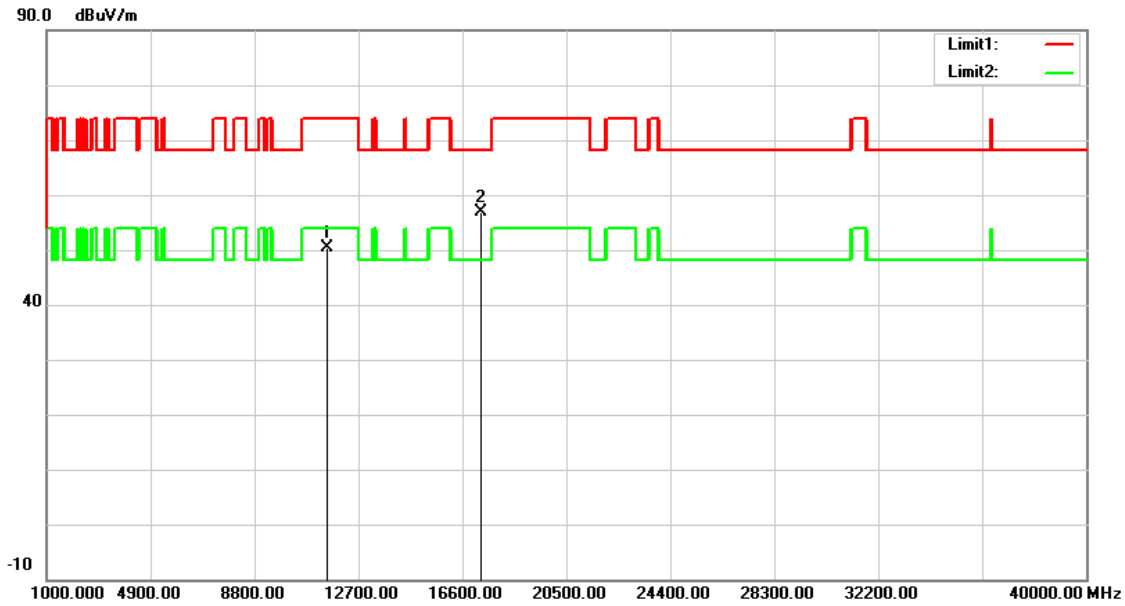
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	32.40	18.46	50.86	74.00	-23.14	peak
2	17325.000	33.23	24.68	57.91	68.20	-10.29	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



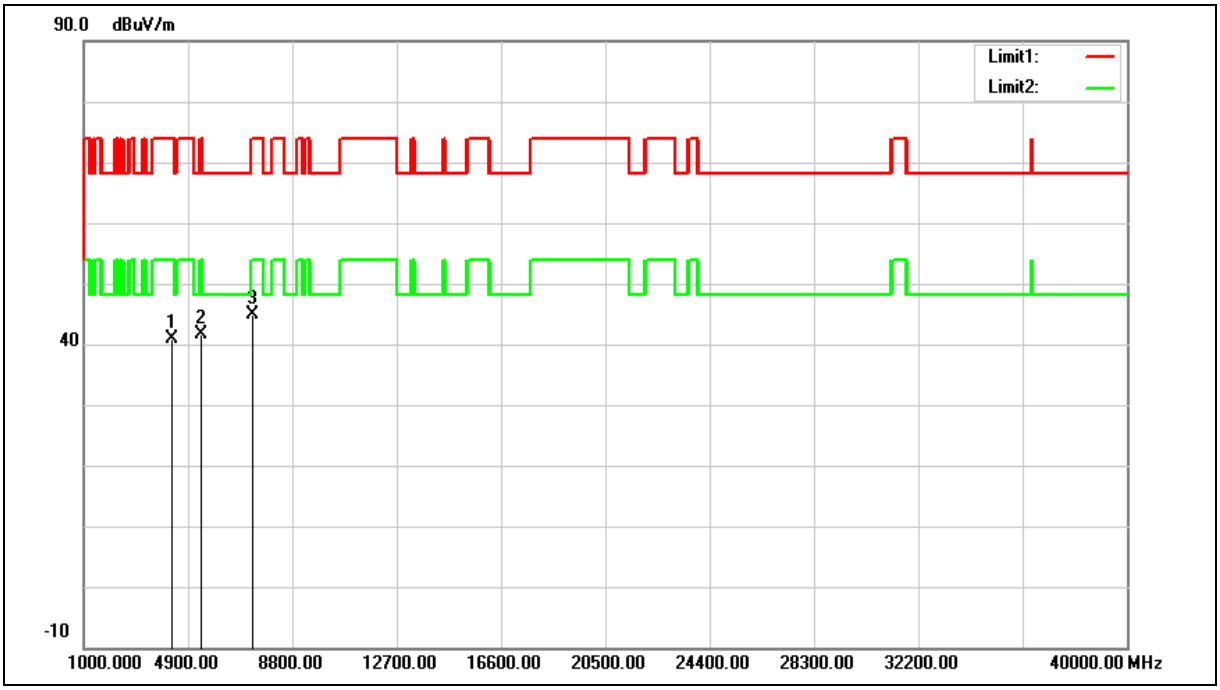
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	32.01	18.46	50.47	74.00	-23.53	peak
2	17325.000	32.18	24.68	56.86	68.20	-11.34	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Test Mode:	Simultaneous Transmitting (WLAN 2.4 + 5 GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Ant.Polar.:	Horizontal		



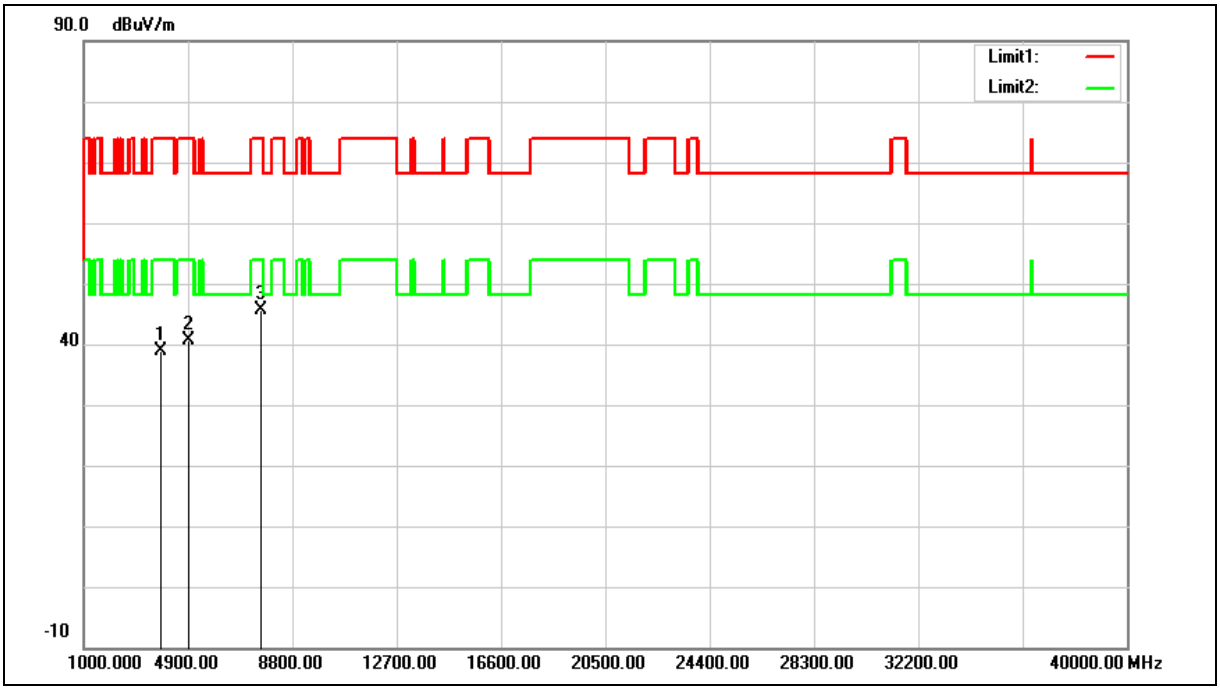
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4247.000	36.77	4.07	40.84	74.00	-33.16	peak
2	5369.000	34.89	6.79	41.68	74.00	-32.32	peak
3	7307.000	32.76	12.14	44.90	74.00	-29.10	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Test Mode:	Simultaneous Transmitting (WLAN 2.4 + 5 GHz)	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3873.000	35.99	2.85	38.84	74.00	-35.16	peak
2	4910.000	34.82	5.74	40.56	74.00	-33.44	peak
3	7647.000	32.62	13.08	45.70	74.00	-28.30	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

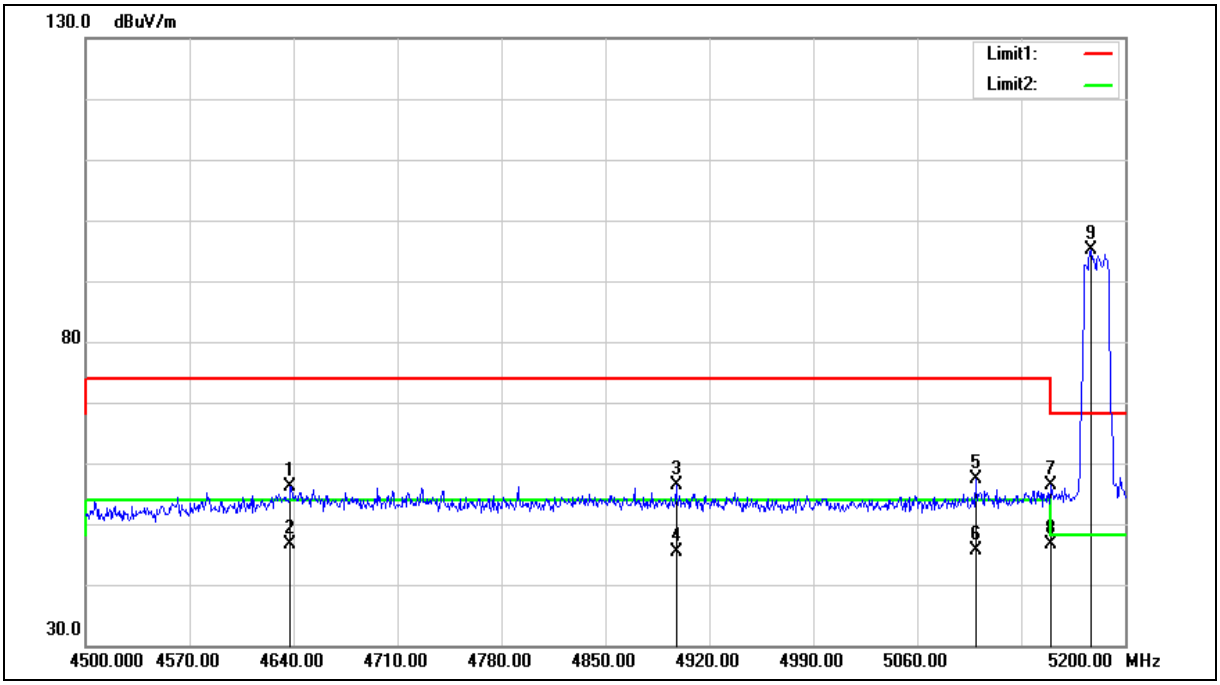
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Band Edge

Iron shell : MatrixPro 2

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

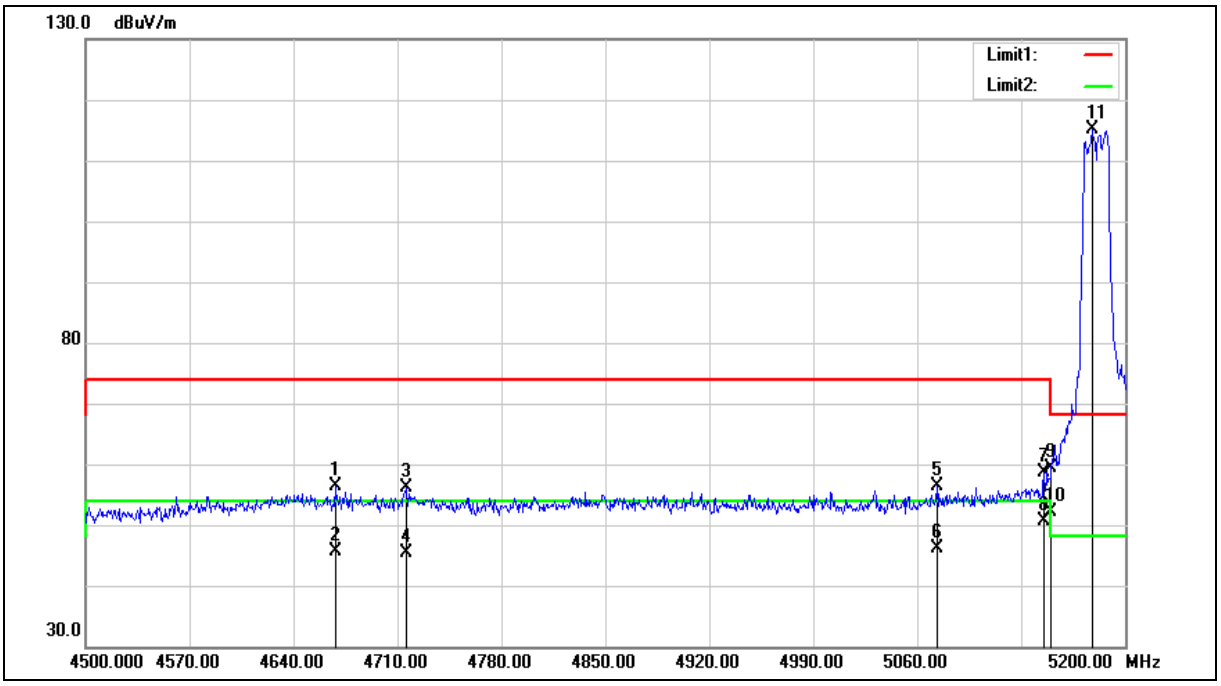
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4637.900	50.83	5.23	56.06	74.00	-17.94	peak
2	4637.900	41.28	5.23	46.51	54.00	-7.49	AVG
3	4897.600	50.67	5.71	56.38	74.00	-17.62	peak
4	4897.600	39.78	5.71	45.49	54.00	-8.51	AVG
5	5099.200	51.26	6.15	57.41	74.00	-16.59	peak
6	5099.200	39.60	6.15	45.75	54.00	-8.25	AVG
7	5150.000	50.10	6.27	56.37	74.00	-17.63	peak
8	5150.000	40.48	6.27	46.75	54.00	-7.25	AVG
9	5176.900	88.80	6.33	95.13	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

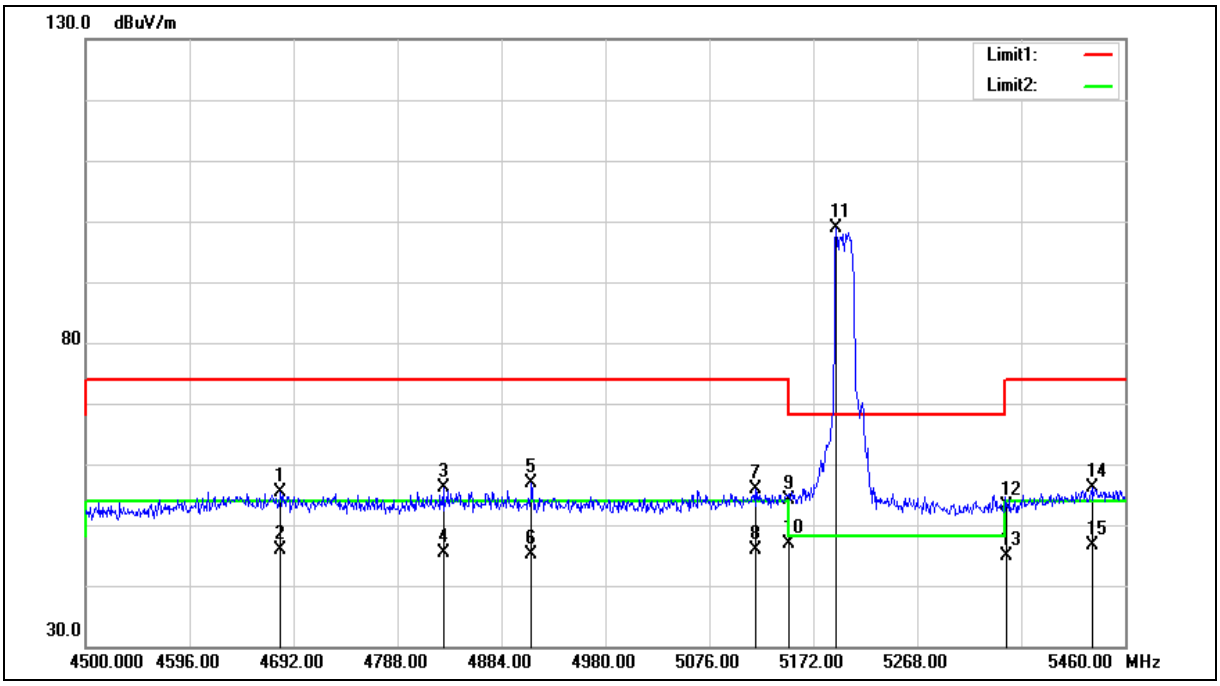
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4668.000	51.03	5.28	56.31	74.00	-17.69	peak
2	4668.000	40.25	5.28	45.53	54.00	-8.47	AVG
3	4715.600	50.86	5.37	56.23	74.00	-17.77	peak
4	4715.600	40.00	5.37	45.37	54.00	-8.63	AVG
5	5073.300	50.18	6.08	56.26	74.00	-17.74	peak
6	5073.300	40.10	6.08	46.18	54.00	-7.82	AVG
7	5145.400	52.47	6.26	58.73	74.00	-15.27	peak
8	5145.400	44.27	6.26	50.53	54.00	-3.47	AVG
9	5150.000	53.09	6.27	59.36	74.00	-14.64	peak
10	5150.000	45.81	6.27	52.08	54.00	-1.92	AVG
11	5177.600	108.73	6.33	115.06	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

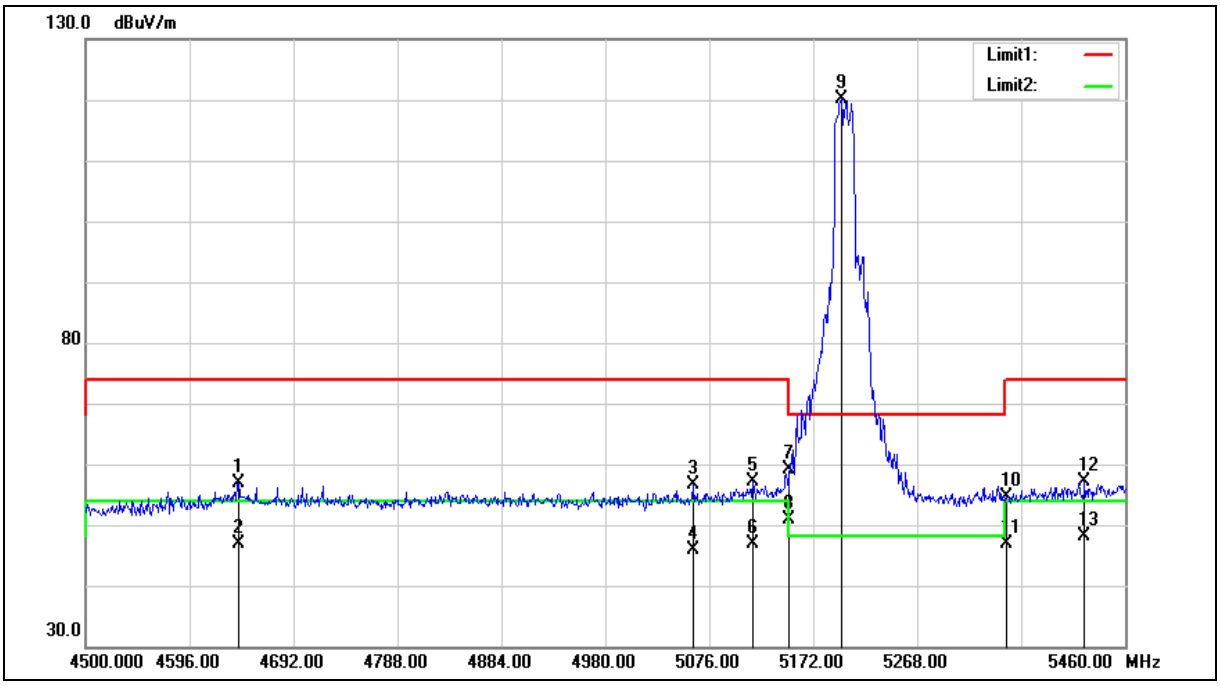
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4679.520	50.02	5.30	55.32	74.00	-18.68	peak
2	4679.520	40.56	5.30	45.86	54.00	-8.14	AVG
3	4830.240	50.59	5.58	56.17	74.00	-17.83	peak
4	4830.240	39.85	5.58	45.43	54.00	-8.57	AVG
5	4911.840	51.16	5.74	56.90	74.00	-17.10	peak
6	4911.840	39.47	5.74	45.21	54.00	-8.79	AVG
7	5118.240	49.69	6.20	55.89	74.00	-18.11	peak
8	5118.240	39.78	6.20	45.98	54.00	-8.02	AVG
9	5150.000	47.97	6.27	54.24	74.00	-19.76	peak
10	5150.000	40.56	6.27	46.83	54.00	-7.17	AVG
11	5193.120	92.55	6.37	98.92	---	---	peak
12	5350.000	46.45	6.74	53.19	74.00	-20.81	peak
13	5350.000	38.21	6.74	44.95	54.00	-9.05	AVG
14	5429.280	49.31	6.93	56.24	74.00	-17.76	peak
15	5429.280	39.61	6.93	46.54	54.00	-7.46	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

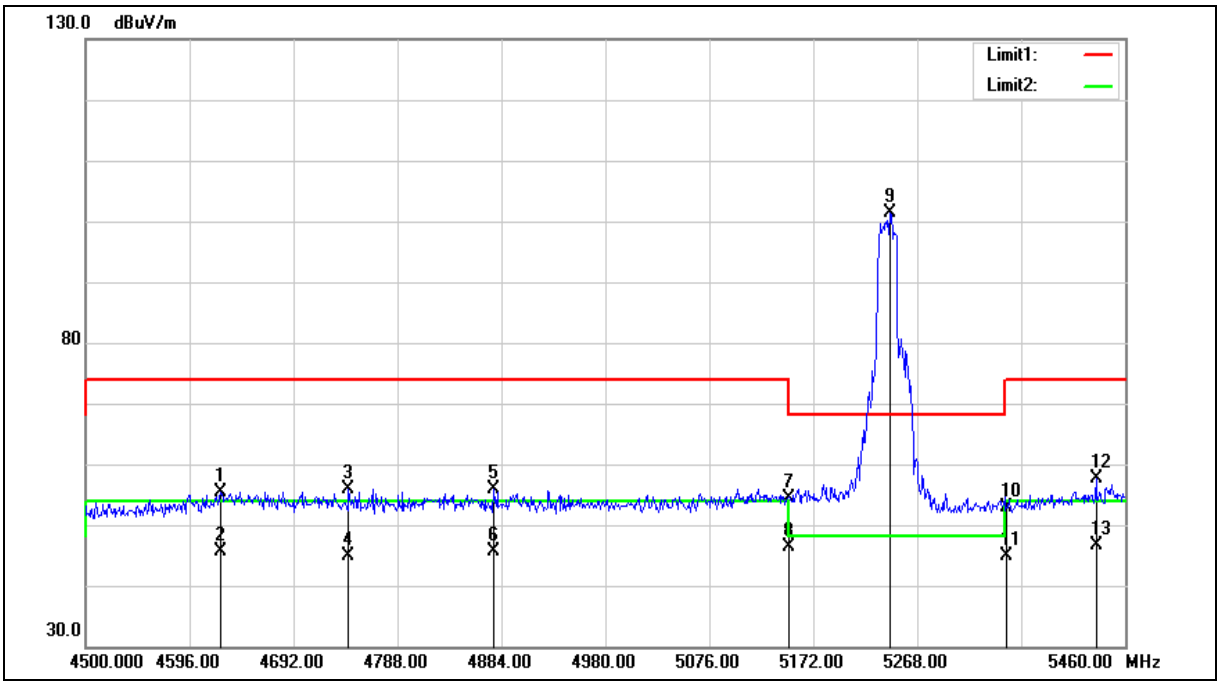
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4641.120	51.60	5.23	56.83	74.00	-17.17	peak
2	4641.120	41.61	5.23	46.84	54.00	-7.16	AVG
3	5060.640	50.57	6.05	56.62	74.00	-17.38	peak
4	5060.640	39.91	6.05	45.96	54.00	-8.04	AVG
5	5116.320	50.90	6.19	57.09	74.00	-16.91	peak
6	5116.320	40.60	6.19	46.79	54.00	-7.21	AVG
7	5150.000	52.85	6.27	59.12	74.00	-14.88	peak
8	5150.000	44.50	6.27	50.77	54.00	-3.23	AVG
9	5197.920	113.63	6.38	120.01	---	---	peak
10	5350.000	48.00	6.74	54.74	74.00	-19.26	peak
11	5350.000	40.10	6.74	46.84	54.00	-7.16	AVG
12	5422.560	50.22	6.92	57.14	74.00	-16.86	peak
13	5422.560	41.18	6.92	48.10	54.00	-5.90	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

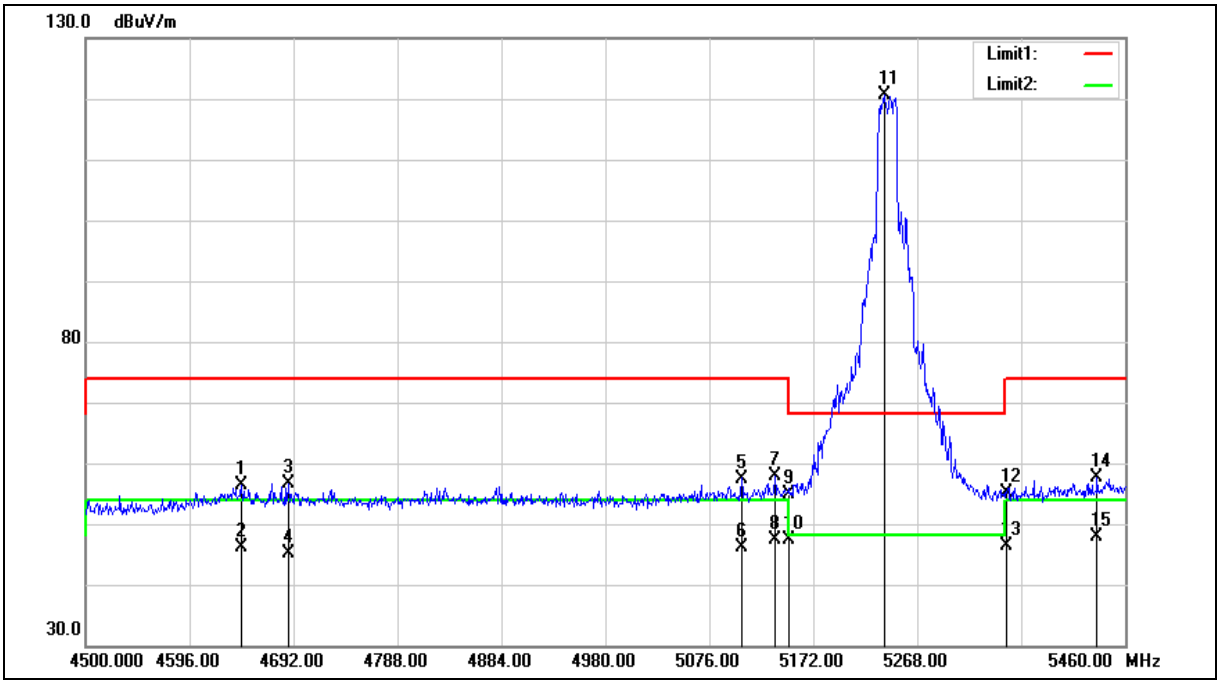
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4624.800	50.12	5.19	55.31	74.00	-18.69	peak
2	4624.800	40.46	5.19	45.65	54.00	-8.35	AVG
3	4742.880	50.34	5.42	55.76	74.00	-18.24	peak
4	4742.880	39.52	5.42	44.94	54.00	-9.06	AVG
5	4876.320	50.24	5.67	55.91	74.00	-18.09	peak
6	4876.320	40.00	5.67	45.67	54.00	-8.33	AVG
7	5150.000	48.08	6.27	54.35	74.00	-19.65	peak
8	5150.000	40.15	6.27	46.42	54.00	-7.58	AVG
9	5243.040	94.77	6.49	101.26	---	---	peak
10	5350.000	46.18	6.74	52.92	74.00	-21.08	peak
11	5350.000	38.14	6.74	44.88	54.00	-9.12	AVG
12	5433.120	50.60	6.94	57.54	74.00	-16.46	peak
13	5433.120	39.60	6.94	46.54	54.00	-7.46	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

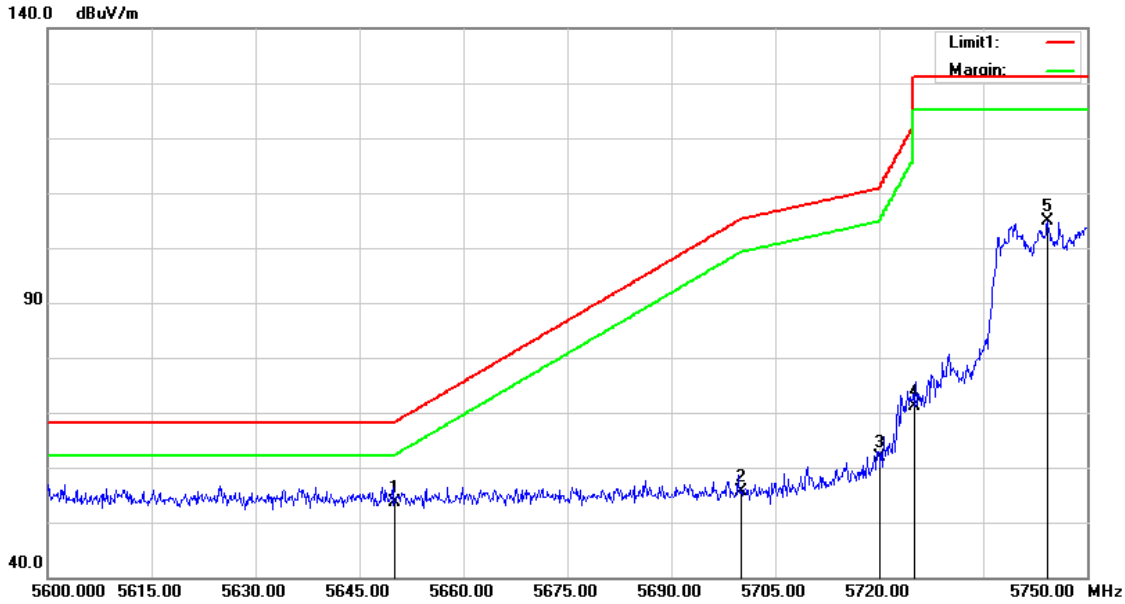
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4644.000	51.07	5.24	56.31	74.00	-17.69	peak
2	4644.000	40.85	5.24	46.09	54.00	-7.91	AVG
3	4687.200	51.43	5.31	56.74	74.00	-17.26	peak
4	4687.200	39.79	5.31	45.10	54.00	-8.90	AVG
5	5105.760	51.34	6.16	57.50	74.00	-16.50	peak
6	5105.760	40.03	6.16	46.19	54.00	-7.81	AVG
7	5136.480	51.59	6.23	57.82	74.00	-16.18	peak
8	5136.480	41.09	6.23	47.32	54.00	-6.68	AVG
9	5150.000	48.71	6.27	54.98	74.00	-19.02	peak
10	5150.000	41.04	6.27	47.31	54.00	-6.69	AVG
11	5237.280	114.09	6.47	120.56	---	---	peak
12	5350.000	48.33	6.74	55.07	74.00	-18.93	peak
13	5350.000	39.63	6.74	46.37	54.00	-7.63	AVG
14	5434.080	50.69	6.94	57.63	74.00	-16.37	peak
15	5434.080	40.83	6.94	47.77	54.00	-6.23	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



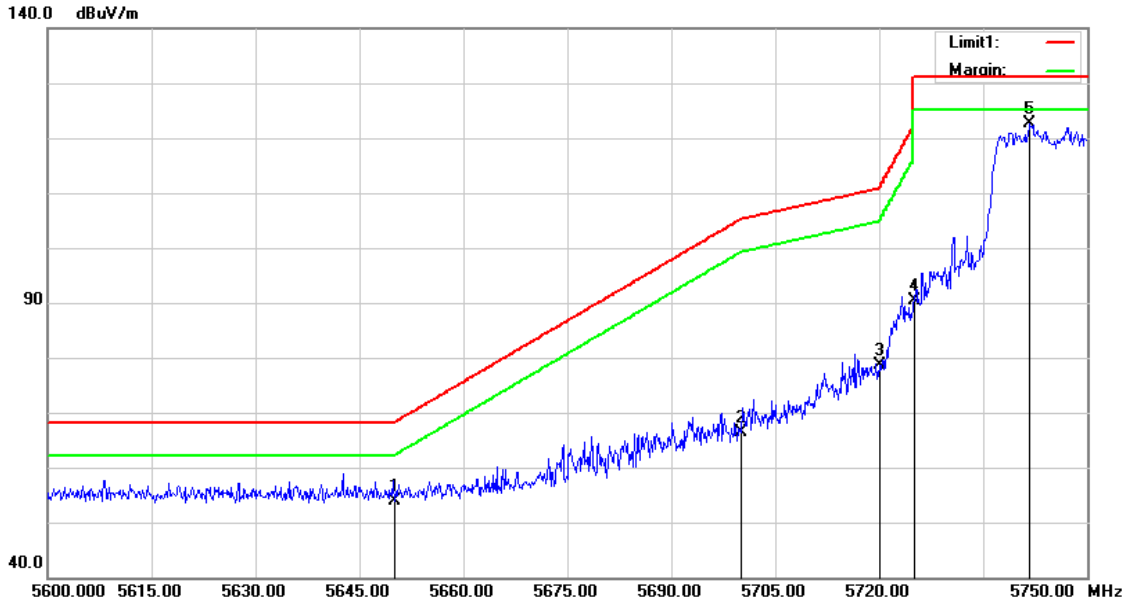
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.10	7.42	53.52	68.20	-14.68	peak
2	5700.000	48.05	7.52	55.57	105.20	-49.63	peak
3	5720.000	54.36	7.56	61.92	110.80	-48.88	peak
4	5725.000	63.65	7.57	71.22	122.20	-50.98	peak
5	5744.300	97.28	7.61	104.89	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



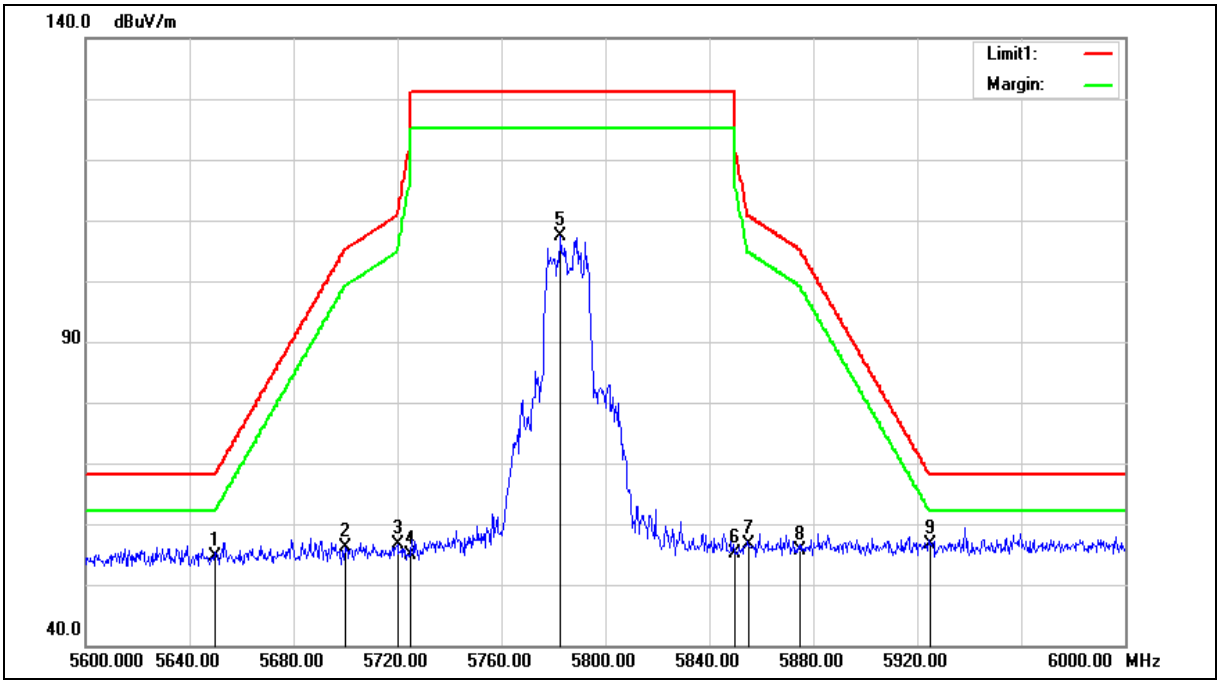
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.44	7.42	53.86	68.20	-14.34	peak
2	5700.000	58.94	7.52	66.46	105.20	-38.74	peak
3	5720.000	71.00	7.56	78.56	110.80	-32.24	peak
4	5725.000	82.82	7.57	90.39	122.20	-31.81	peak
5	5741.750	114.96	7.61	122.57	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

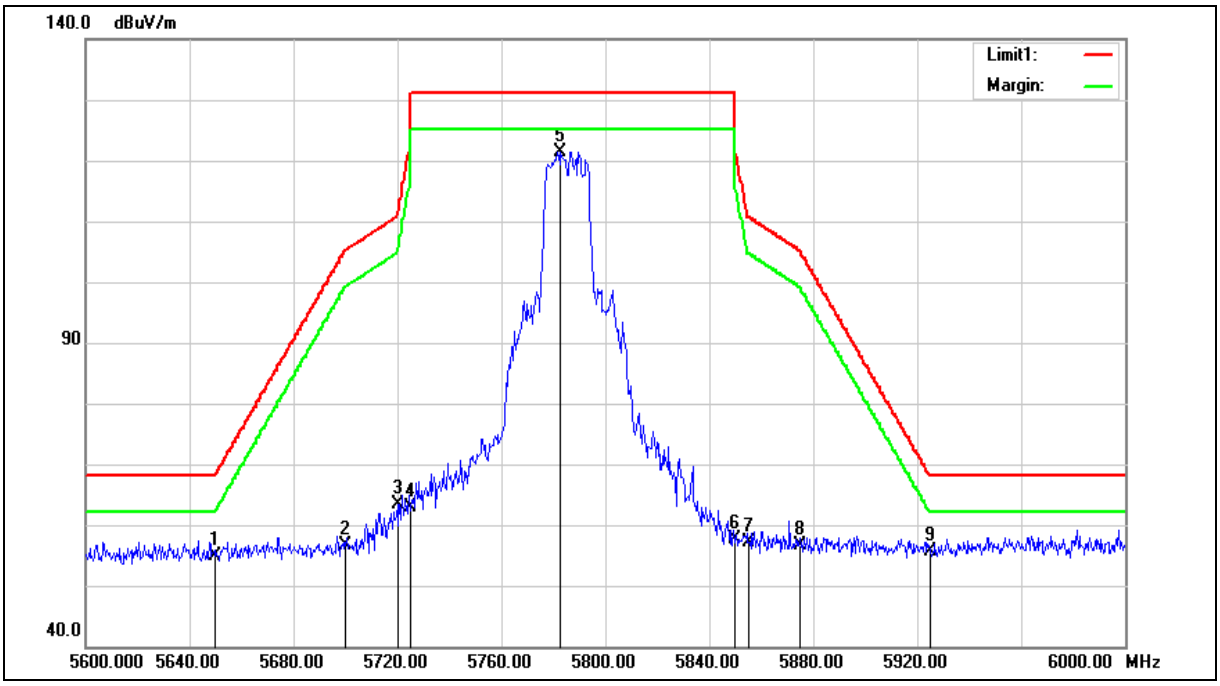
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.25	7.42	54.67	68.20	-13.53	peak
2	5700.000	48.52	7.52	56.04	105.20	-49.16	peak
3	5720.000	48.99	7.56	56.55	110.80	-54.25	peak
4	5725.000	47.28	7.57	54.85	122.20	-67.35	peak
5	5782.800	99.72	7.69	107.41	---	---	peak
6	5850.000	47.29	7.83	55.12	122.20	-67.08	peak
7	5855.000	48.86	7.85	56.71	110.80	-54.09	peak
8	5875.000	47.73	7.88	55.61	105.20	-49.59	peak
9	5925.000	48.71	8.00	56.71	68.20	-11.49	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

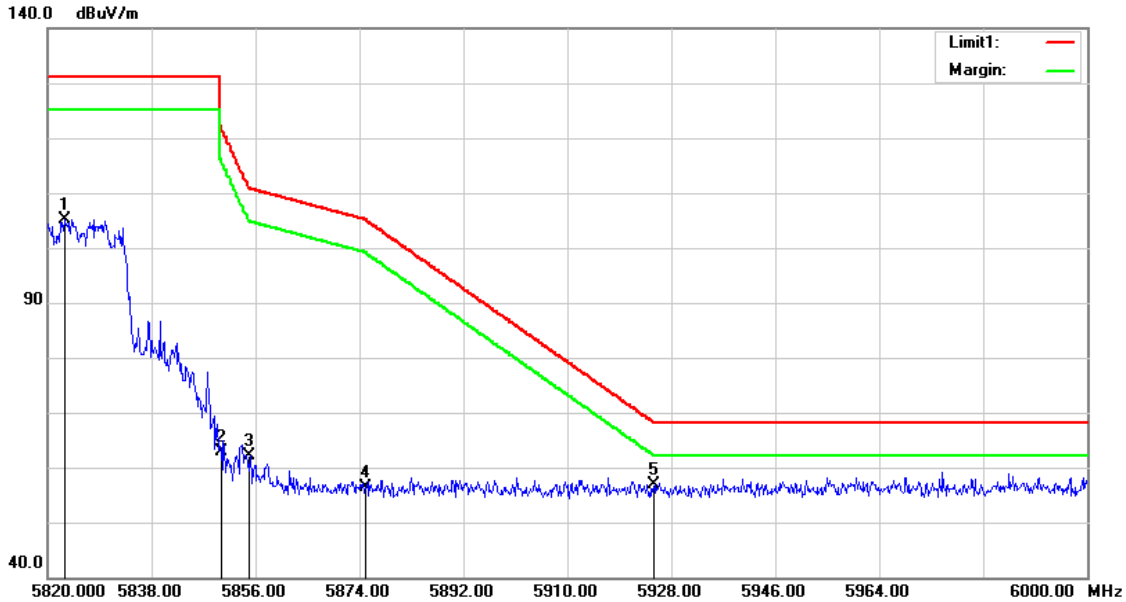
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.50	7.42	54.92	68.20	-13.28	peak
2	5700.000	49.20	7.52	56.72	105.20	-48.48	peak
3	5720.000	55.76	7.56	63.32	110.80	-47.48	peak
4	5725.000	55.38	7.57	62.95	122.20	-59.25	peak
5	5782.800	113.77	7.69	121.46	---	---	peak
6	5850.000	49.72	7.83	57.55	122.20	-64.65	peak
7	5855.000	49.16	7.85	57.01	110.80	-53.79	peak
8	5875.000	48.75	7.88	56.63	105.20	-48.57	peak
9	5925.000	47.72	8.00	55.72	68.20	-12.48	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



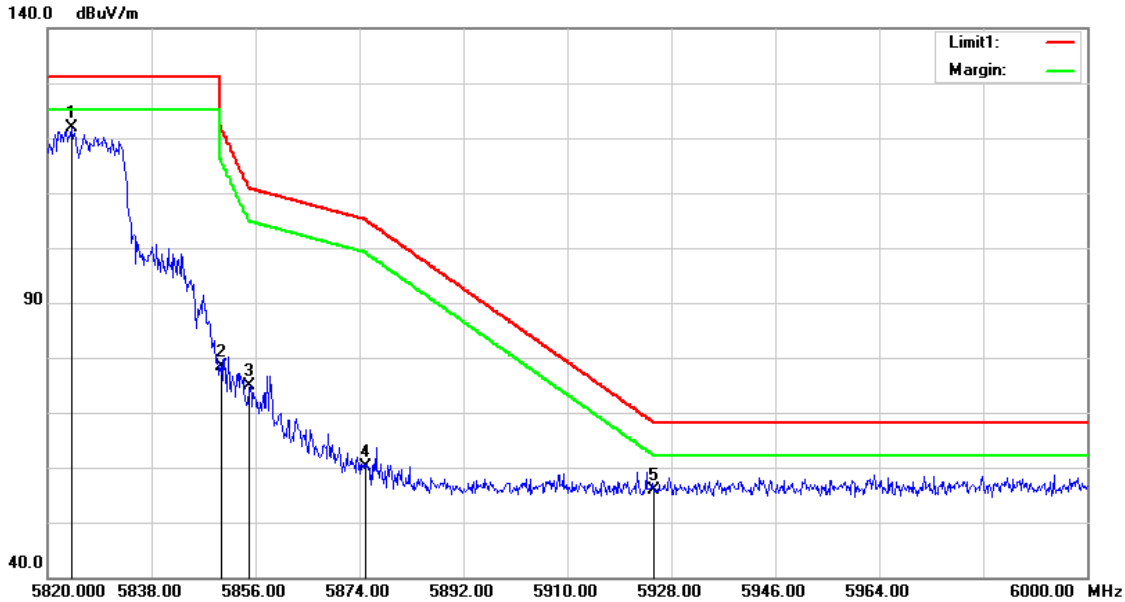
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5822.880	97.41	7.78	105.19	---	---	peak
2	5850.000	55.17	7.83	63.00	122.20	-59.20	peak
3	5855.000	54.38	7.85	62.23	110.80	-48.57	peak
4	5875.000	48.54	7.88	56.42	105.20	-48.78	peak
5	5925.000	48.90	8.00	56.90	68.20	-11.30	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



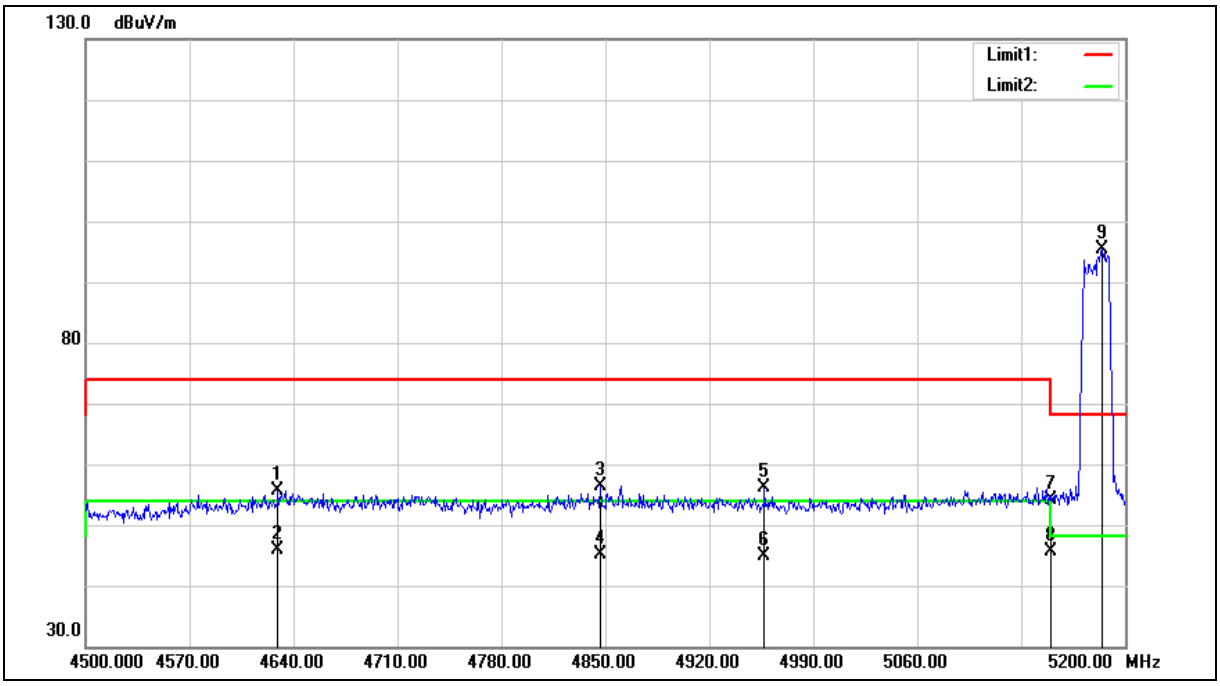
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5824.140	114.14	7.78	121.92	---	---	peak
2	5850.000	70.58	7.83	78.41	122.20	-43.79	peak
3	5855.000	67.00	7.85	74.85	110.80	-35.95	peak
4	5875.000	52.20	7.88	60.08	105.20	-45.12	peak
5	5925.000	47.79	8.00	55.79	68.20	-12.41	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

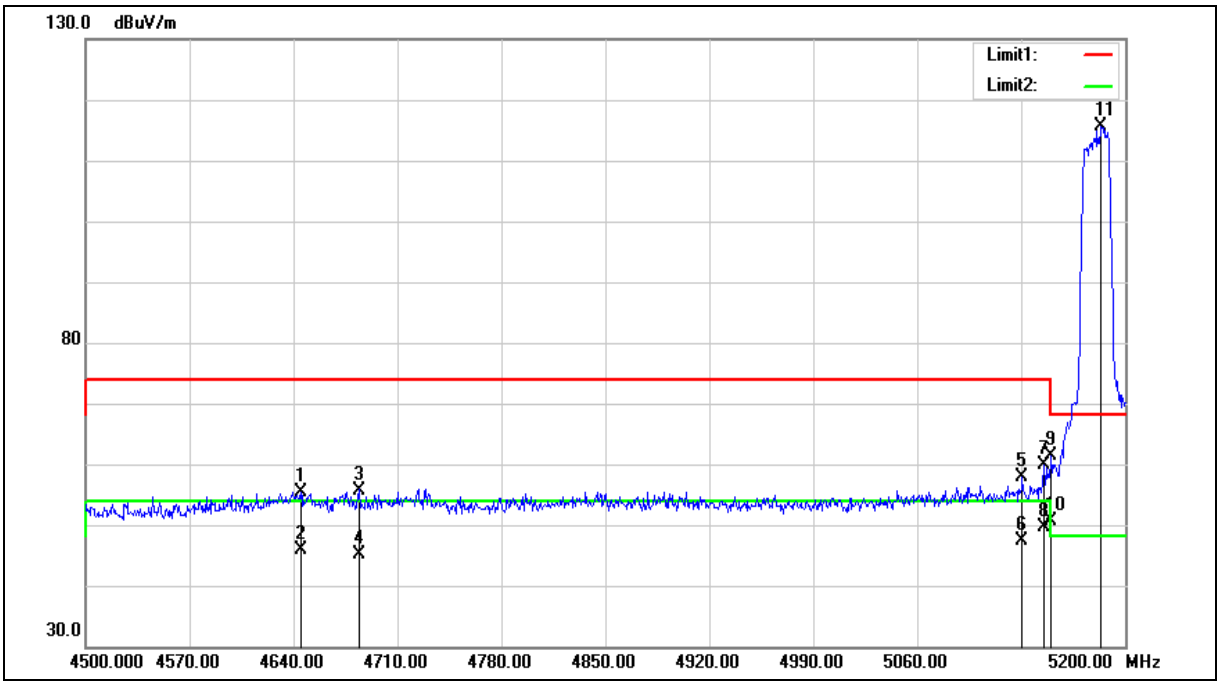
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4629.500	50.52	5.20	55.72	74.00	-18.28	peak
2	4629.500	40.68	5.20	45.88	54.00	-8.12	AVG
3	4846.500	50.79	5.62	56.41	74.00	-17.59	peak
4	4846.500	39.48	5.62	45.10	54.00	-8.90	AVG
5	4957.100	50.22	5.82	56.04	74.00	-17.96	peak
6	4957.100	39.11	5.82	44.93	54.00	-9.07	AVG
7	5150.000	47.88	6.27	54.15	74.00	-19.85	peak
8	5150.000	39.39	6.27	45.66	54.00	-8.34	AVG
9	5184.600	89.04	6.34	95.38	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

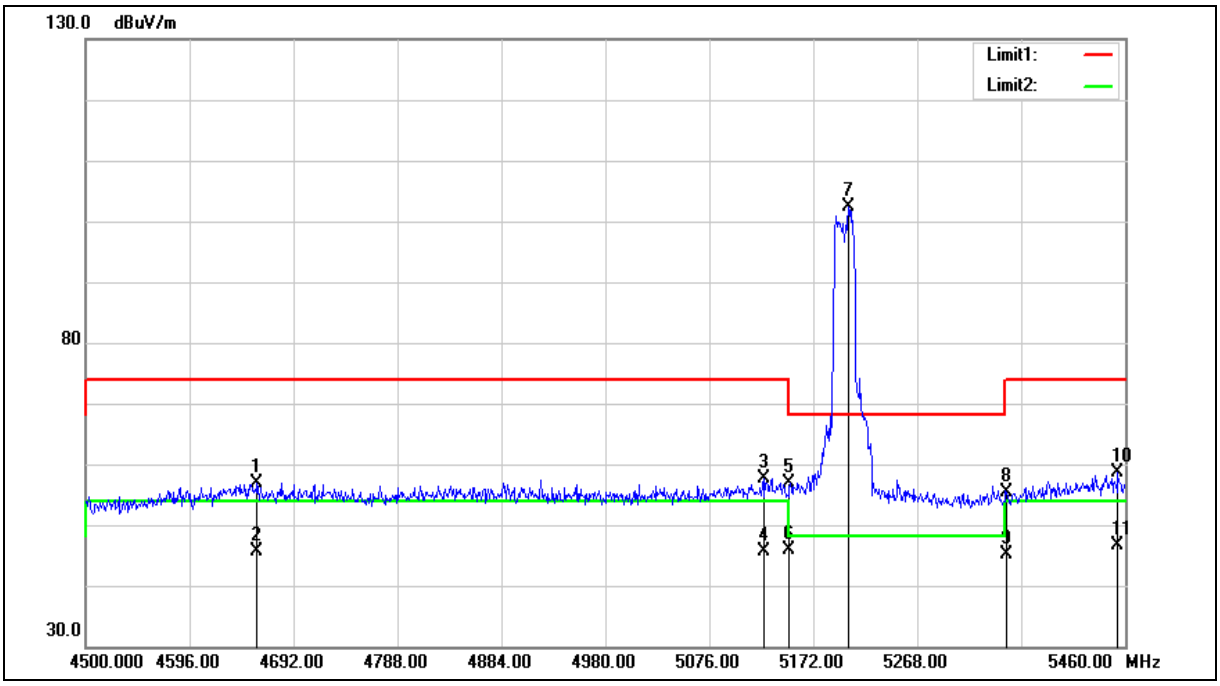
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4644.900	50.21	5.24	55.45	74.00	-18.55	peak
2	4644.900	40.62	5.24	45.86	54.00	-8.14	AVG
3	4684.100	50.44	5.31	55.75	74.00	-18.25	peak
4	4684.100	39.77	5.31	45.08	54.00	-8.92	AVG
5	5130.700	51.62	6.22	57.84	74.00	-16.16	peak
6	5130.700	41.25	6.22	47.47	54.00	-6.53	AVG
7	5145.400	53.51	6.26	59.77	74.00	-14.23	peak
8	5145.400	43.46	6.26	49.72	54.00	-4.28	AVG
9	5150.000	55.14	6.27	61.41	74.00	-12.59	peak
10	5150.000	44.44	6.27	50.71	54.00	-3.29	AVG
11	5183.900	109.27	6.34	115.61	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

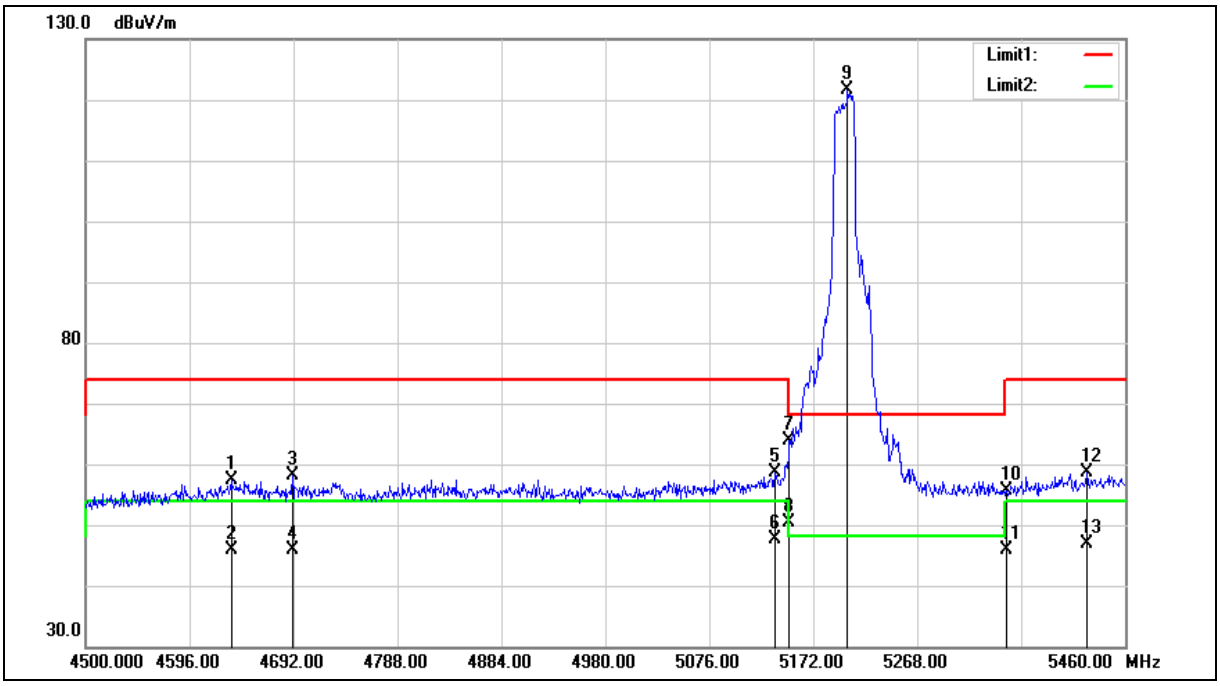
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4658.400	51.69	5.26	56.95	74.00	-17.05	peak
2	4658.400	40.25	5.26	45.51	54.00	-8.49	AVG
3	5125.920	51.49	6.21	57.70	74.00	-16.30	peak
4	5125.920	39.45	6.21	45.66	54.00	-8.34	AVG
5	5150.000	50.52	6.27	56.79	74.00	-17.21	peak
6	5150.000	39.70	6.27	45.97	54.00	-8.03	AVG
7	5204.640	95.93	6.39	102.32	---	---	peak
8	5350.000	48.70	6.74	55.44	74.00	-18.56	peak
9	5350.000	38.43	6.74	45.17	54.00	-8.83	AVG
10	5453.280	51.75	6.99	58.74	74.00	-15.26	peak
11	5453.280	39.74	6.99	46.73	54.00	-7.27	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

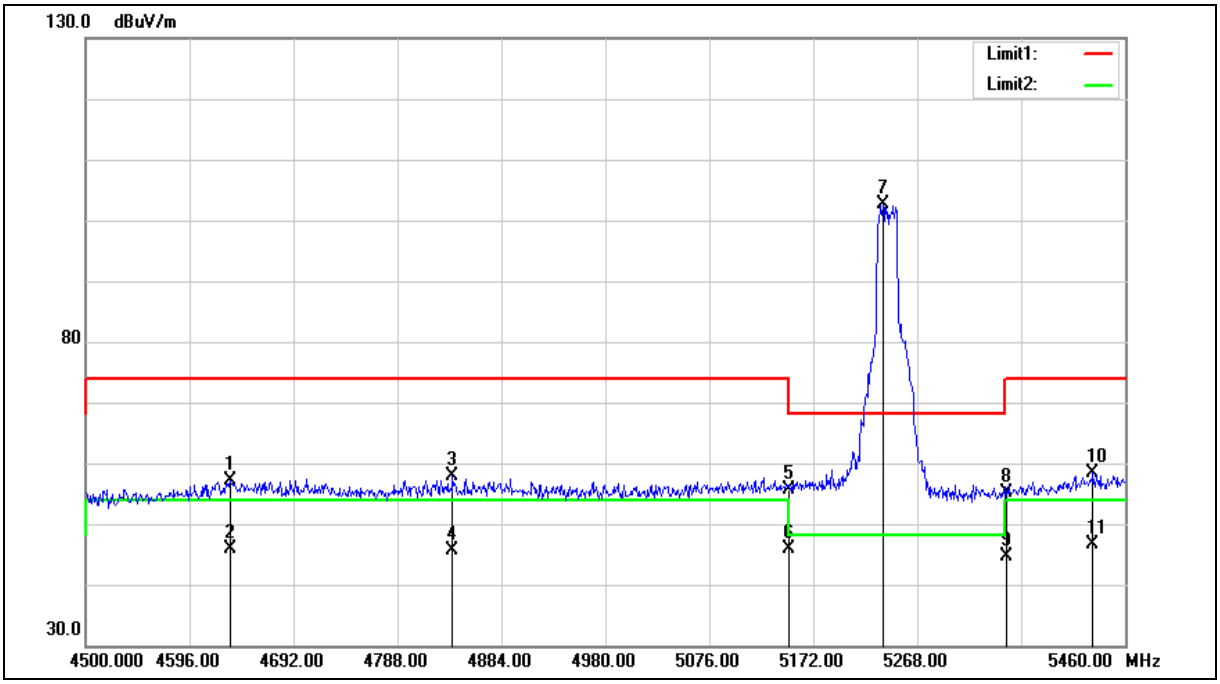
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4634.400	52.12	5.22	57.34	74.00	-16.66	peak
2	4634.400	40.74	5.22	45.96	54.00	-8.04	AVG
3	4691.040	52.82	5.31	58.13	74.00	-15.87	peak
4	4691.040	40.48	5.31	45.79	54.00	-8.21	AVG
5	5136.480	52.49	6.23	58.72	74.00	-15.28	peak
6	5136.480	41.32	6.23	47.55	54.00	-6.45	AVG
7	5150.000	57.60	6.27	63.87	74.00	-10.13	peak
8	5150.000	44.12	6.27	50.39	54.00	-3.61	AVG
9	5203.680	115.14	6.39	121.53	---	---	peak
10	5350.000	48.97	6.74	55.71	74.00	-18.29	peak
11	5350.000	39.11	6.74	45.85	54.00	-8.15	AVG
12	5424.480	51.71	6.93	58.64	74.00	-15.36	peak
13	5424.480	39.95	6.93	46.88	54.00	-7.12	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

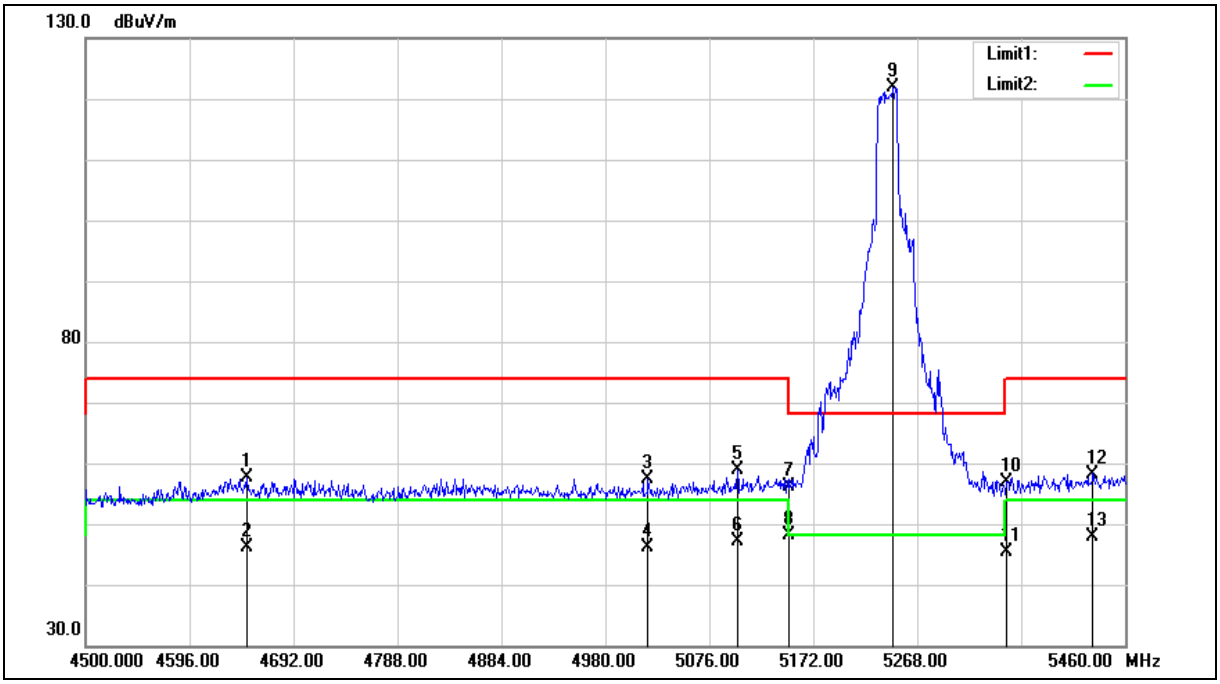
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4633.440	51.92	5.22	57.14	74.00	-16.86	peak
2	4633.440	40.54	5.22	45.76	54.00	-8.24	AVG
3	4838.880	52.20	5.61	57.81	74.00	-16.19	peak
4	4838.880	40.01	5.61	45.62	54.00	-8.38	AVG
5	5150.000	49.39	6.27	55.66	74.00	-18.34	peak
6	5150.000	39.61	6.27	45.88	54.00	-8.12	AVG
7	5236.320	96.09	6.46	102.55	---	---	peak
8	5350.000	48.49	6.74	55.23	74.00	-18.77	peak
9	5350.000	38.01	6.74	44.75	54.00	-9.25	AVG
10	5430.240	51.33	6.94	58.27	74.00	-15.73	peak
11	5430.240	39.80	6.94	46.74	54.00	-7.26	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

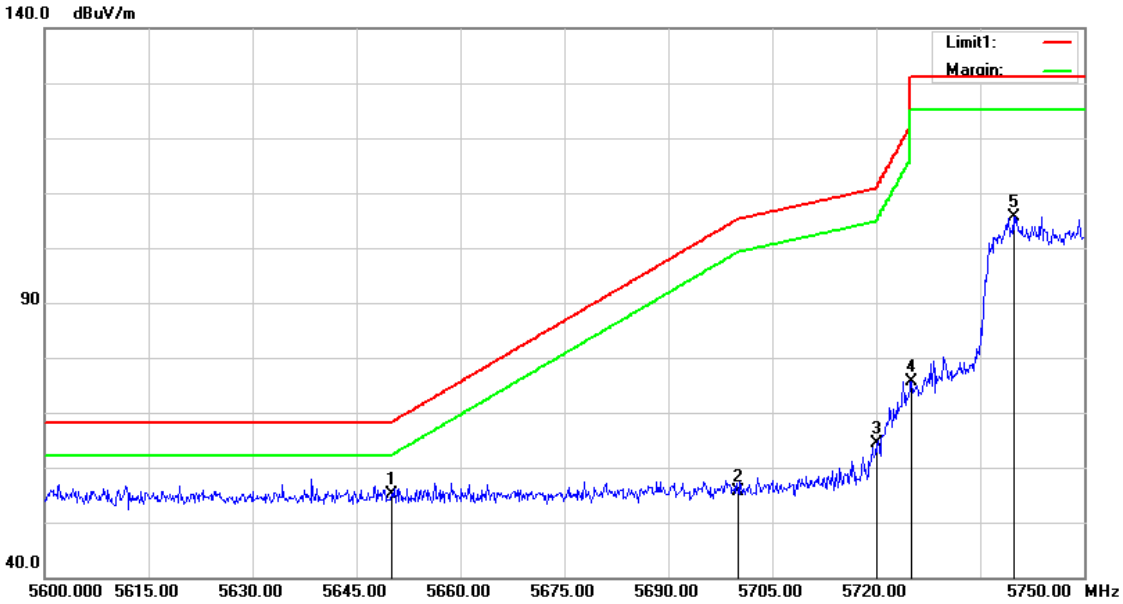
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4648.800	52.47	5.24	57.71	74.00	-16.29	peak
2	4648.800	40.97	5.24	46.21	54.00	-7.79	AVG
3	5019.360	51.49	5.96	57.45	74.00	-16.55	peak
4	5019.360	40.19	5.96	46.15	54.00	-7.85	AVG
5	5101.920	52.61	6.16	58.77	74.00	-15.23	peak
6	5101.920	40.86	6.16	47.02	54.00	-6.98	AVG
7	5150.000	49.75	6.27	56.02	74.00	-17.98	peak
8	5150.000	41.93	6.27	48.20	54.00	-5.80	AVG
9	5245.920	115.51	6.49	122.00	---	---	peak
10	5350.000	50.06	6.74	56.80	74.00	-17.20	peak
11	5350.000	38.60	6.74	45.34	54.00	-8.66	AVG
12	5430.240	51.31	6.94	58.25	74.00	-15.75	peak
13	5430.240	40.94	6.94	47.88	54.00	-6.12	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



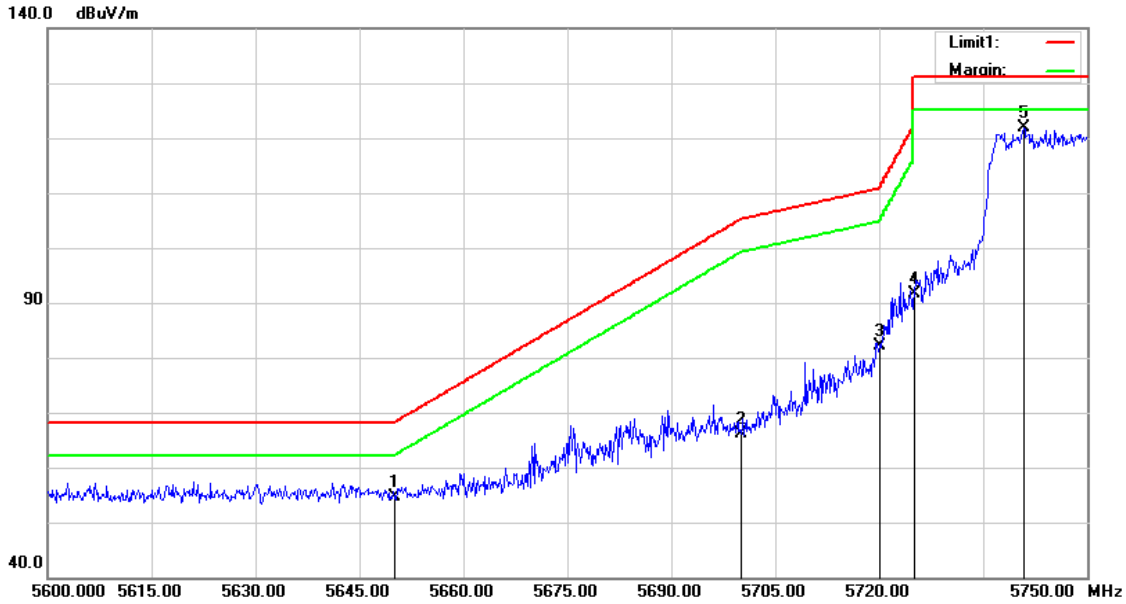
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.77	7.42	55.19	68.20	-13.01	peak
2	5700.000	48.05	7.52	55.57	105.20	-49.63	peak
3	5720.000	56.81	7.56	64.37	110.80	-46.43	peak
4	5725.000	68.18	7.57	75.75	122.20	-46.45	peak
5	5739.800	98.02	7.60	105.62	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



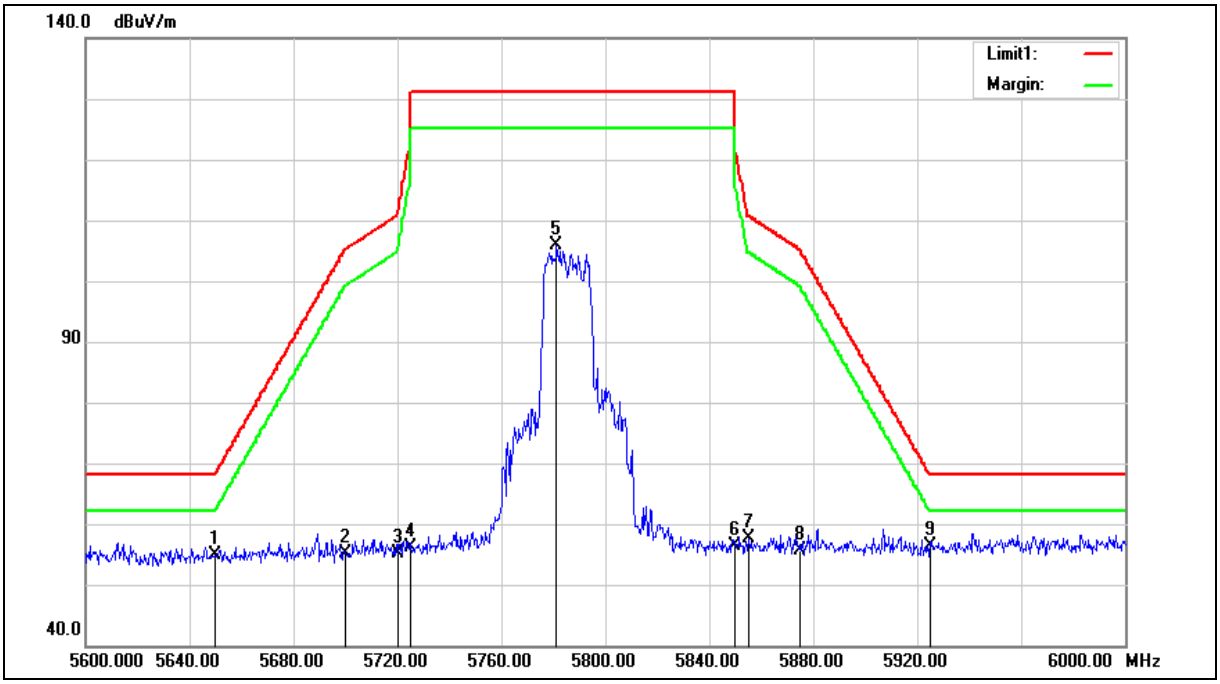
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.27	7.42	54.69	68.20	-13.51	peak
2	5700.000	58.54	7.52	66.06	105.20	-39.14	peak
3	5720.000	74.67	7.56	82.23	110.80	-28.57	peak
4	5725.000	84.00	7.57	91.57	122.20	-30.63	peak
5	5740.850	114.35	7.61	121.96	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

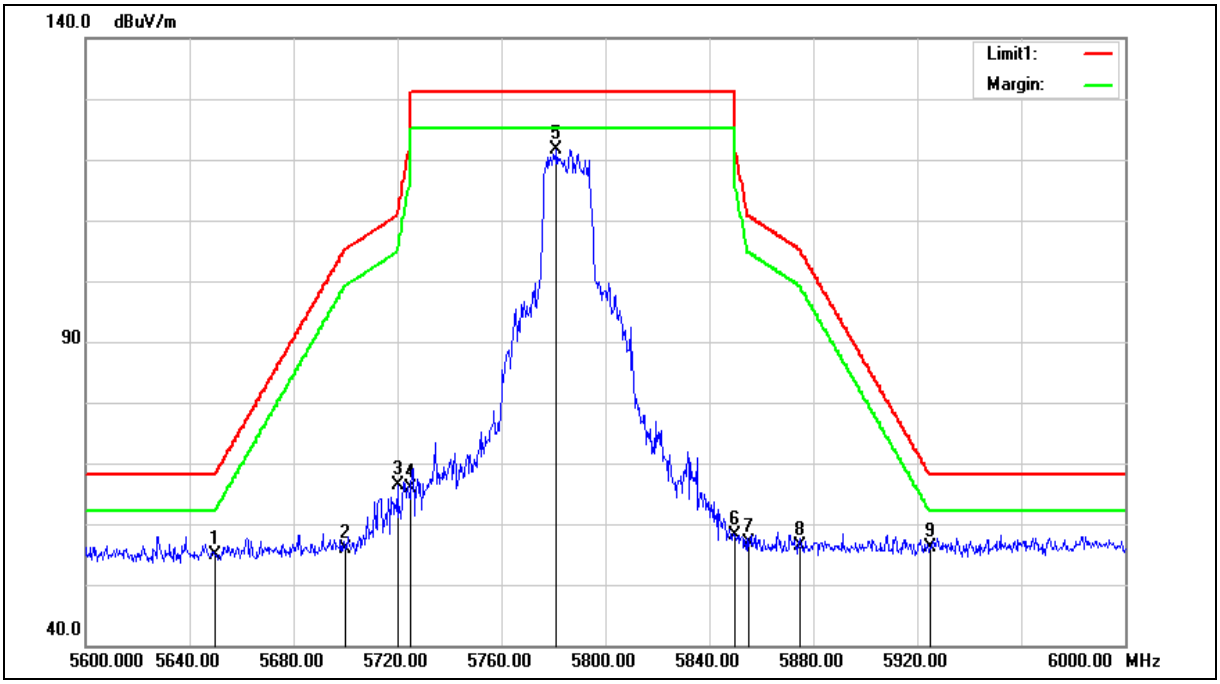
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.41	7.42	54.83	68.20	-13.37	peak
2	5700.000	47.71	7.52	55.23	105.20	-49.97	peak
3	5720.000	47.66	7.56	55.22	110.80	-55.58	peak
4	5725.000	48.61	7.57	56.18	122.20	-66.02	peak
5	5781.200	98.11	7.69	105.80	---	---	peak
6	5850.000	48.47	7.83	56.30	122.20	-65.90	peak
7	5855.000	49.72	7.85	57.57	110.80	-53.23	peak
8	5875.000	47.78	7.88	55.66	105.20	-49.54	peak
9	5925.000	48.33	8.00	56.33	68.20	-11.87	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

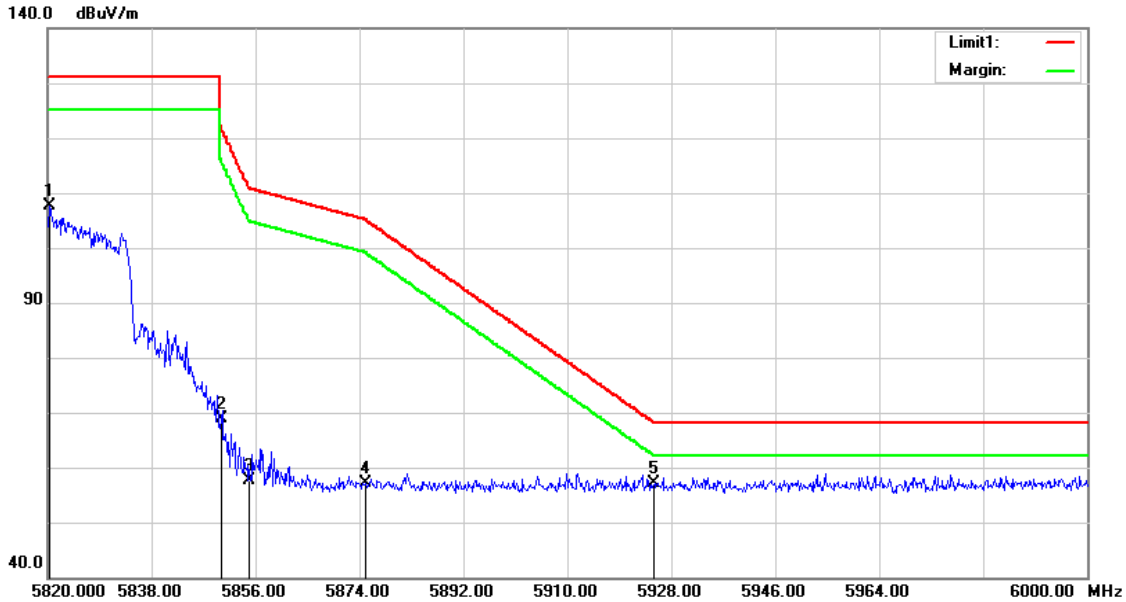
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.55	7.42	54.97	68.20	-13.23	peak
2	5700.000	48.46	7.52	55.98	105.20	-49.22	peak
3	5720.000	58.83	7.56	66.39	110.80	-44.41	peak
4	5725.000	58.35	7.57	65.92	122.20	-56.28	peak
5	5781.200	113.92	7.69	121.61	---	---	peak
6	5850.000	50.18	7.83	58.01	122.20	-64.19	peak
7	5855.000	49.15	7.85	57.00	110.80	-53.80	peak
8	5875.000	48.38	7.88	56.26	105.20	-48.94	peak
9	5925.000	48.21	8.00	56.21	68.20	-11.99	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



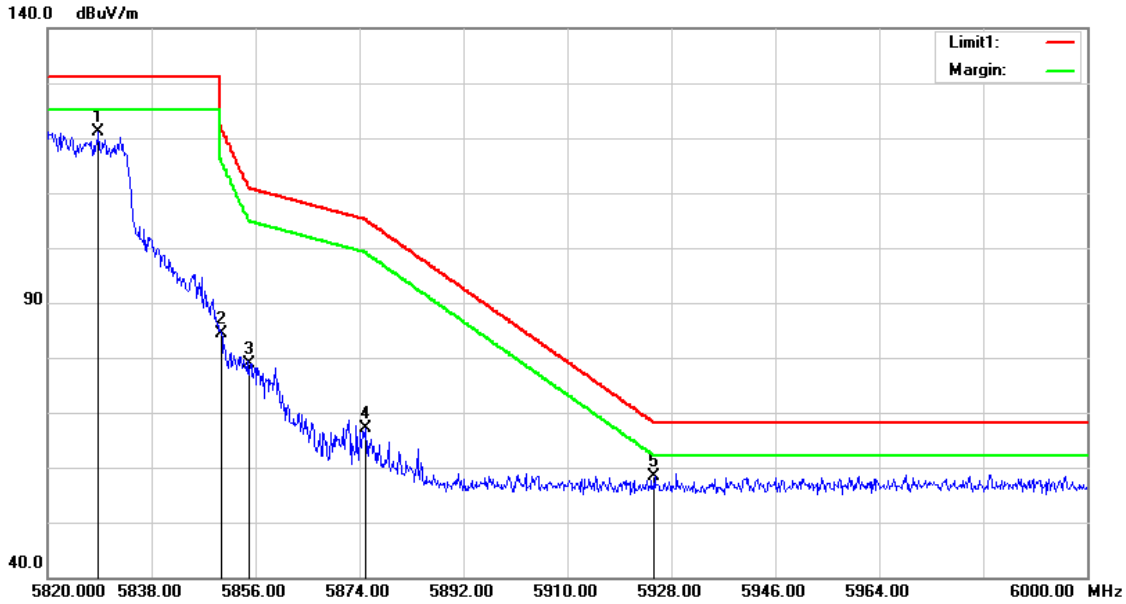
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5820.360	99.95	7.77	107.72	---	---	peak
2	5850.000	61.08	7.83	68.91	122.20	-53.29	peak
3	5855.000	49.78	7.85	57.63	110.80	-53.17	peak
4	5875.000	49.18	7.88	57.06	105.20	-48.14	peak
5	5925.000	49.21	8.00	57.21	68.20	-10.99	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



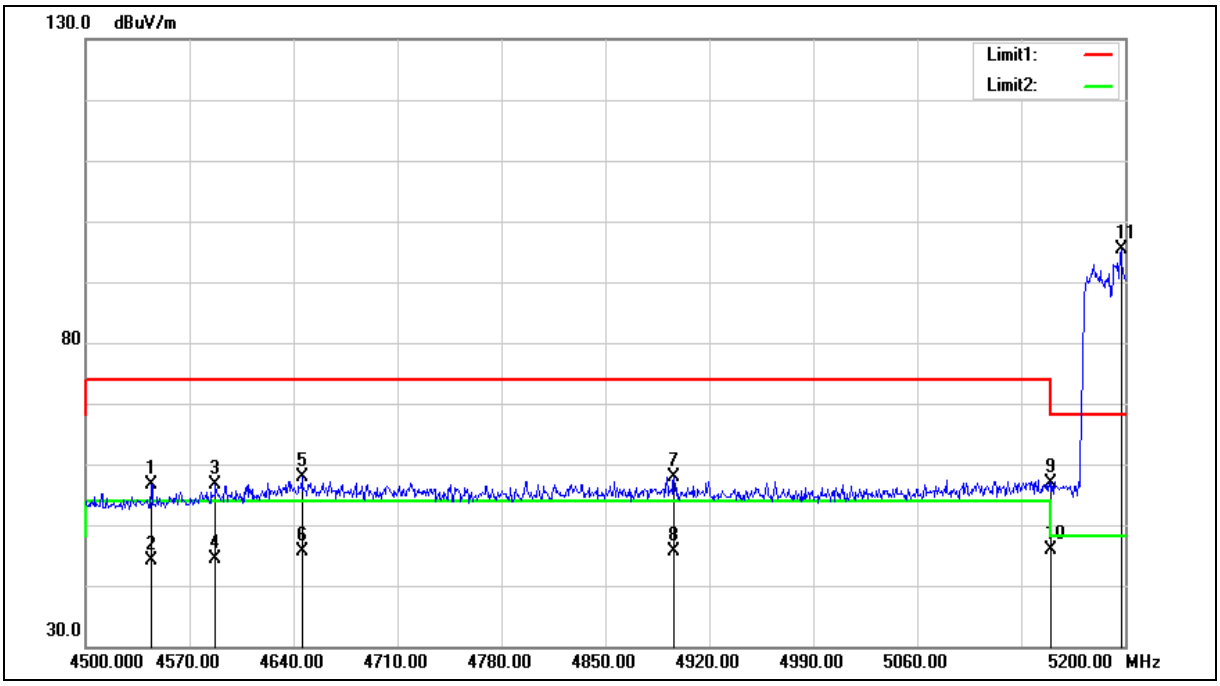
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5828.820	113.45	7.79	121.24	---	---	peak
2	5850.000	76.56	7.83	84.39	122.20	-37.81	peak
3	5855.000	70.98	7.85	78.83	110.80	-31.97	peak
4	5875.000	59.22	7.88	67.10	105.20	-38.10	peak
5	5925.000	50.50	8.00	58.50	68.20	-9.70	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

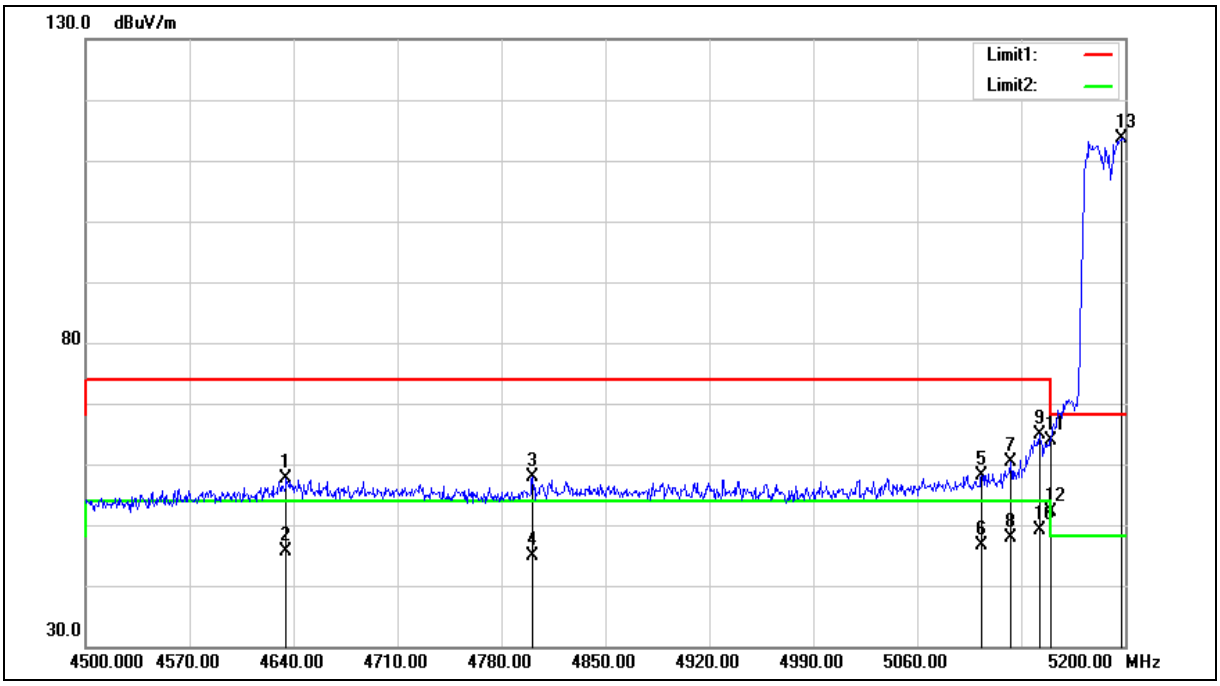
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4544.100	51.52	5.04	56.56	74.00	-17.44	peak
2	4544.100	39.21	5.04	44.25	54.00	-9.75	AVG
3	4587.500	51.60	5.13	56.73	74.00	-17.27	peak
4	4587.500	39.26	5.13	44.39	54.00	-9.61	AVG
5	4645.600	52.62	5.24	57.86	74.00	-16.14	peak
6	4645.600	40.47	5.24	45.71	54.00	-8.29	AVG
7	4896.200	52.21	5.70	57.91	74.00	-16.09	peak
8	4896.200	40.02	5.70	45.72	54.00	-8.28	AVG
9	5150.000	50.69	6.27	56.96	74.00	-17.04	peak
10	5150.000	39.49	6.27	45.76	54.00	-8.24	AVG
11	5197.200	89.11	6.38	95.49	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

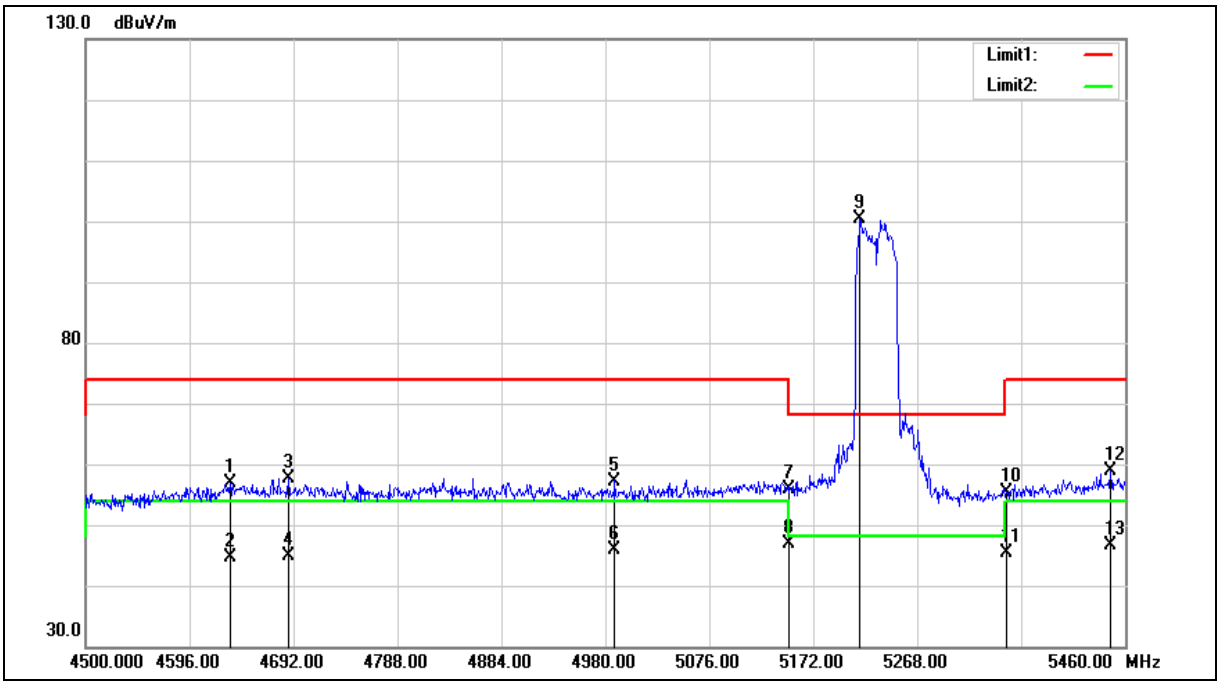
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4635.100	52.31	5.22	57.53	74.00	-16.47	peak
2	4635.100	40.52	5.22	45.74	54.00	-8.26	AVG
3	4801.000	52.23	5.53	57.76	74.00	-16.24	peak
4	4801.000	39.41	5.53	44.94	54.00	-9.06	AVG
5	5103.400	51.98	6.16	58.14	74.00	-15.86	peak
6	5103.400	40.37	6.16	46.53	54.00	-7.47	AVG
7	5123.000	54.19	6.21	60.40	74.00	-13.60	peak
8	5123.000	41.71	6.21	47.92	54.00	-6.08	AVG
9	5142.600	58.54	6.25	64.79	74.00	-9.21	peak
10	5142.600	42.96	6.25	49.21	54.00	-4.79	AVG
11	5150.000	57.54	6.27	63.81	74.00	-10.19	peak
12	5150.000	45.86	6.27	52.13	54.00	-1.87	AVG
13	5197.900	107.23	6.38	113.61	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

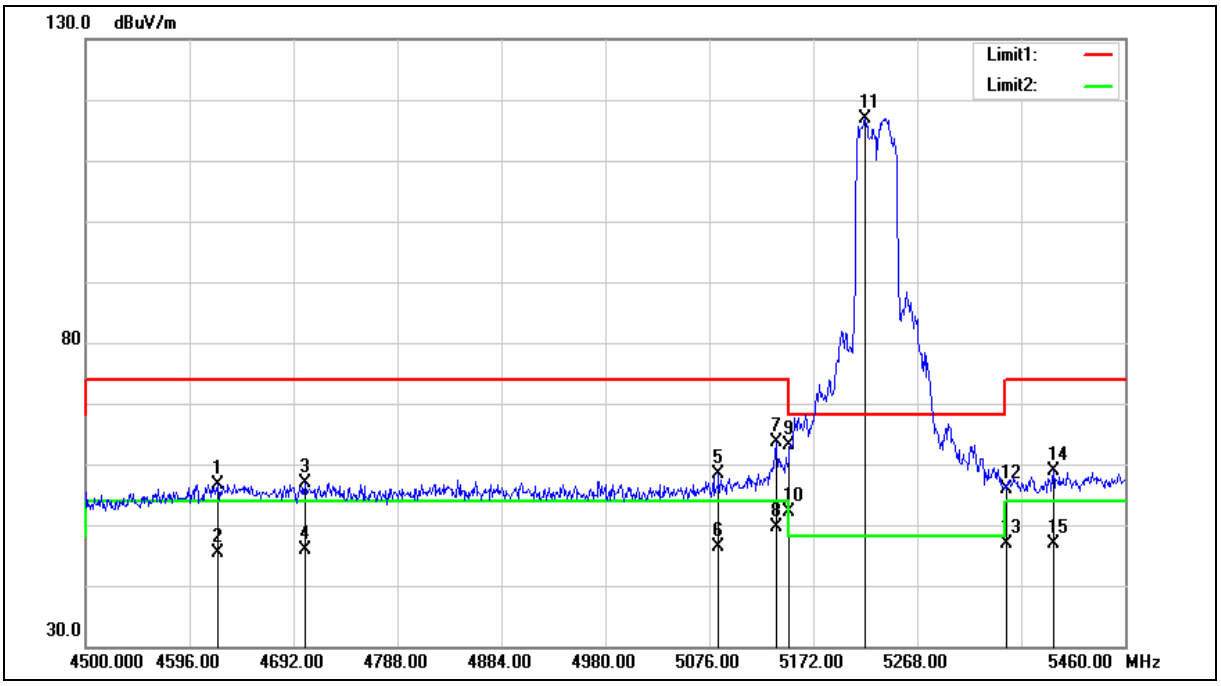
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4633.440	51.64	5.22	56.86	74.00	-17.14	peak
2	4633.440	39.53	5.22	44.75	54.00	-9.25	AVG
3	4687.200	52.27	5.31	57.58	74.00	-16.42	peak
4	4687.200	39.57	5.31	44.88	54.00	-9.12	AVG
5	4988.640	51.36	5.89	57.25	74.00	-16.75	peak
6	4988.640	39.87	5.89	45.76	54.00	-8.24	AVG
7	5150.000	49.60	6.27	55.87	74.00	-18.13	peak
8	5150.000	40.50	6.27	46.77	54.00	-7.23	AVG
9	5215.200	93.97	6.42	100.39	---	---	peak
10	5350.000	48.53	6.74	55.27	74.00	-18.73	peak
11	5350.000	38.73	6.74	45.47	54.00	-8.53	AVG
12	5446.560	51.81	6.98	58.79	74.00	-15.21	peak
13	5446.560	39.56	6.98	46.54	54.00	-7.46	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

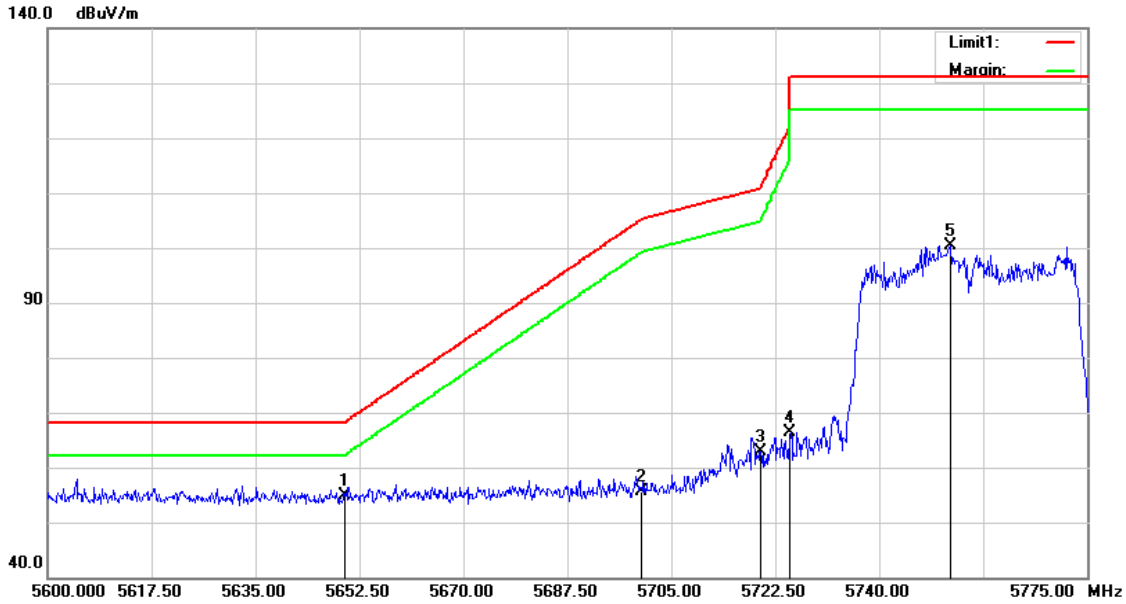
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4621.920	51.48	5.18	56.66	74.00	-17.34	peak
2	4621.920	40.09	5.18	45.27	54.00	-8.73	AVG
3	4702.560	51.64	5.35	56.99	74.00	-17.01	peak
4	4702.560	40.47	5.35	45.82	54.00	-8.18	AVG
5	5084.640	52.20	6.11	58.31	74.00	-15.69	peak
6	5084.640	40.37	6.11	46.48	54.00	-7.52	AVG
7	5137.440	57.33	6.23	63.56	74.00	-10.44	peak
8	5137.440	43.31	6.23	49.54	54.00	-4.46	AVG
9	5150.000	56.83	6.27	63.10	74.00	-10.90	peak
10	5150.000	45.80	6.27	52.07	54.00	-1.93	AVG
11	5220.000	110.44	6.43	116.87	---	---	peak
12	5350.000	49.07	6.74	55.81	74.00	-18.19	peak
13	5350.000	40.03	6.74	46.77	54.00	-7.23	AVG
14	5393.760	51.95	6.85	58.80	74.00	-15.20	peak
15	5393.760	40.01	6.85	46.86	54.00	-7.14	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5755 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



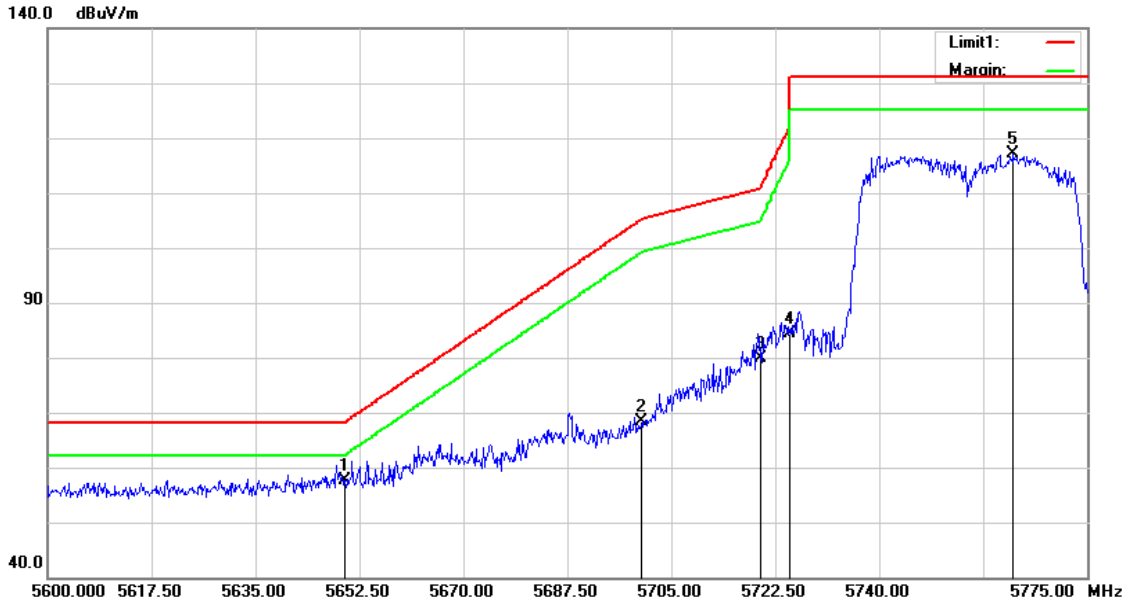
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.49	7.42	54.91	68.20	-13.29	peak
2	5700.000	48.08	7.52	55.60	105.20	-49.60	peak
3	5720.000	55.40	7.56	62.96	110.80	-47.84	peak
4	5725.000	58.81	7.57	66.38	122.20	-55.82	peak
5	5751.900	92.80	7.63	100.43	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5755 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



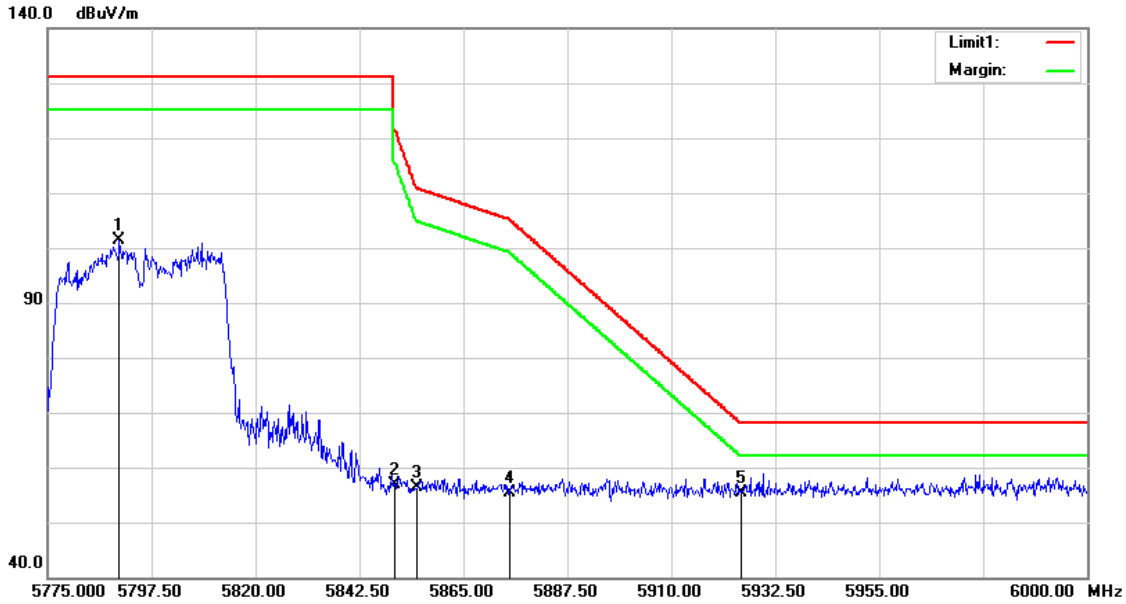
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	50.16	7.42	57.58	68.20	-10.62	peak
2	5700.000	60.80	7.52	68.32	105.20	-36.88	peak
3	5720.000	72.36	7.56	79.92	110.80	-30.88	peak
4	5725.000	76.77	7.57	84.34	122.20	-37.86	peak
5	5762.575	109.43	7.66	117.09	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5795 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



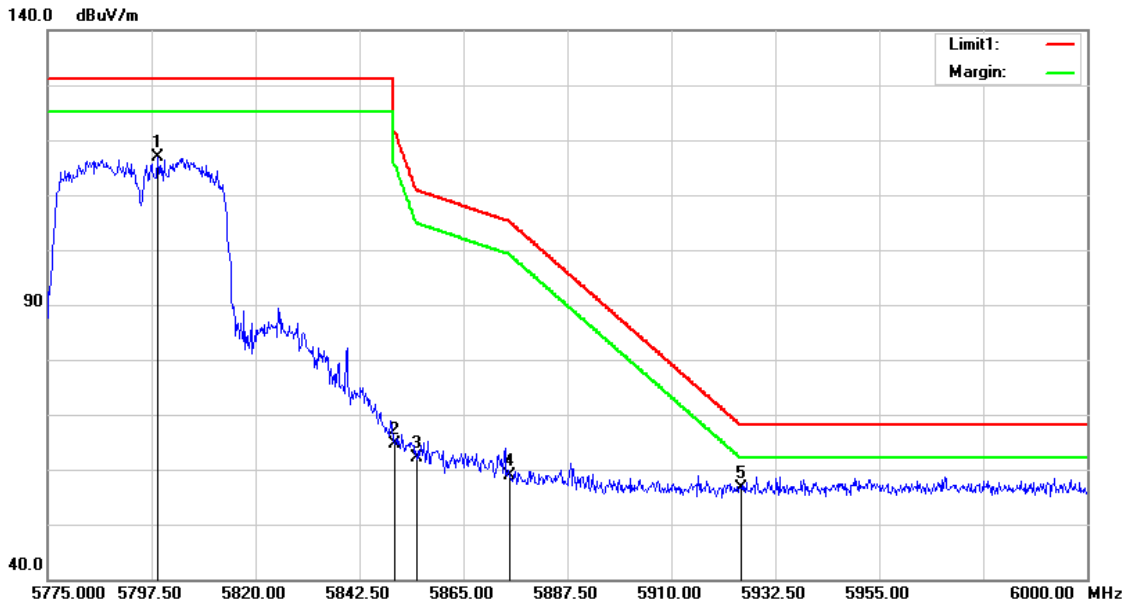
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5790.525	93.63	7.71	101.34	---	---	peak
2	5850.000	48.98	7.83	56.81	122.20	-65.39	peak
3	5855.000	48.49	7.85	56.34	110.80	-54.46	peak
4	5875.000	47.54	7.88	55.42	105.20	-49.78	peak
5	5925.000	47.47	8.00	55.47	68.20	-12.73	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5795 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



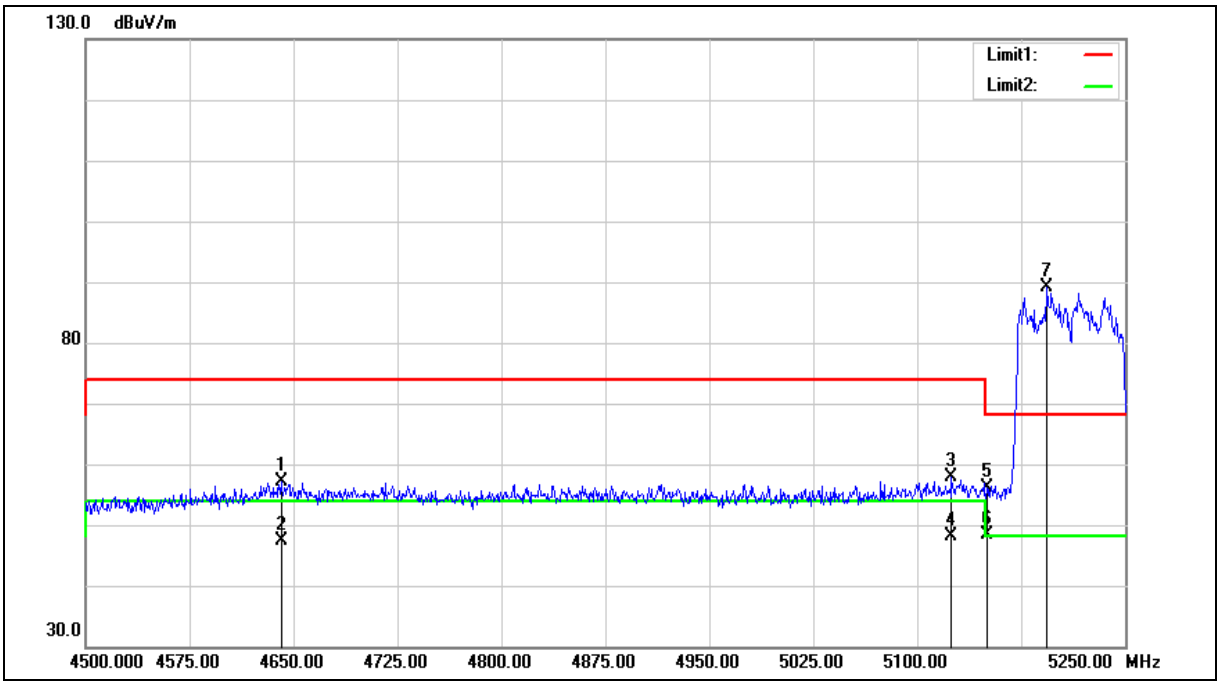
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5798.850	109.03	7.73	116.76	---	---	peak
2	5850.000	56.70	7.83	64.53	122.20	-57.67	peak
3	5855.000	54.37	7.85	62.22	110.80	-48.58	peak
4	5875.000	50.97	7.88	58.85	105.20	-46.35	peak
5	5925.000	48.63	8.00	56.63	68.20	-11.57	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

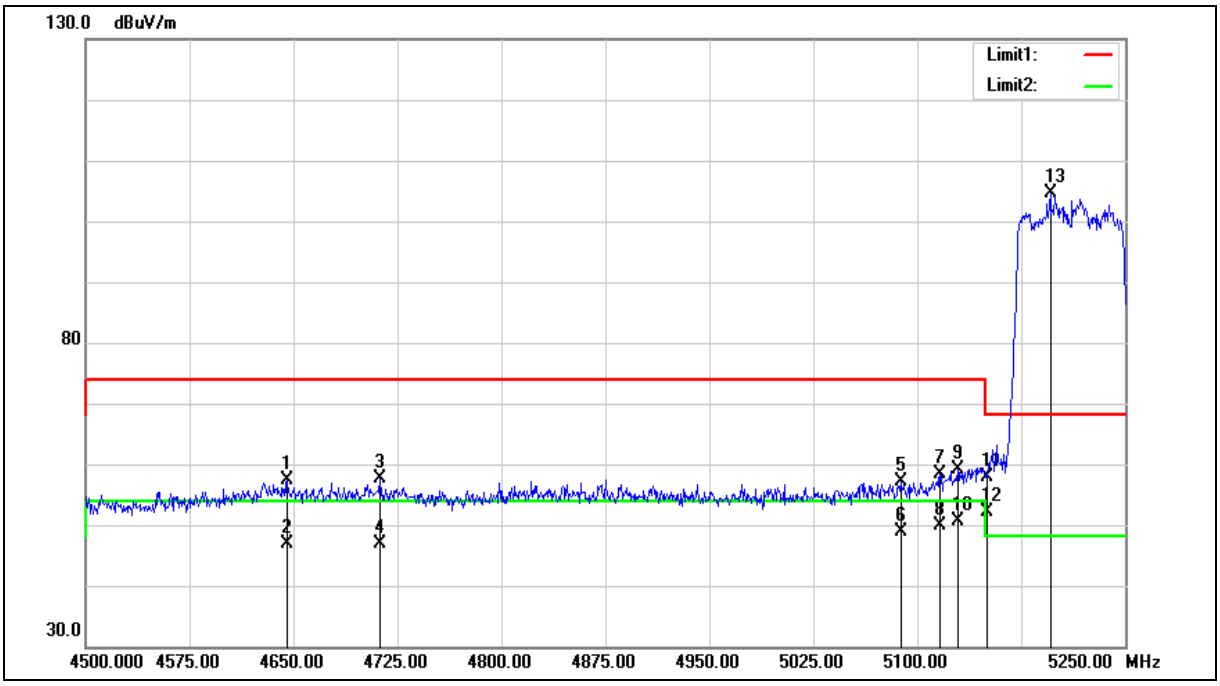
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4641.000	51.80	5.23	57.03	74.00	-16.97	peak
2	4641.000	42.12	5.23	47.35	54.00	-6.65	AVG
3	5124.750	51.64	6.21	57.85	74.00	-16.15	peak
4	5124.750	42.00	6.21	48.21	54.00	-5.79	AVG
5	5150.000	49.94	6.27	56.21	74.00	-17.79	peak
6	5150.000	42.18	6.27	48.45	54.00	-5.55	AVG
7	5193.750	82.77	6.37	89.14	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

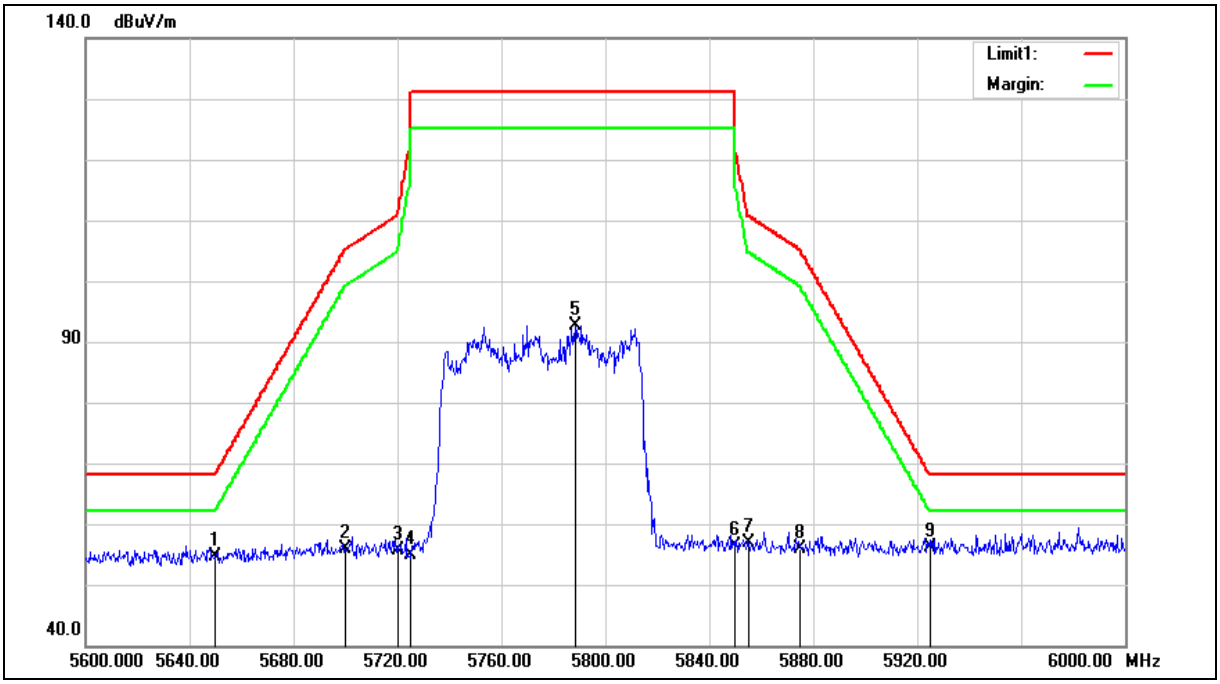
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4645.500	52.17	5.24	57.41	74.00	-16.59	peak
2	4645.500	41.56	5.24	46.80	54.00	-7.20	AVG
3	4712.250	52.35	5.36	57.71	74.00	-16.29	peak
4	4712.250	41.56	5.36	46.92	54.00	-7.08	AVG
5	5088.000	50.91	6.13	57.04	74.00	-16.96	peak
6	5088.000	42.65	6.13	48.78	54.00	-5.22	AVG
7	5116.500	52.16	6.19	58.35	74.00	-15.65	peak
8	5116.500	43.71	6.19	49.90	54.00	-4.10	AVG
9	5129.250	52.84	6.22	59.06	74.00	-14.94	peak
10	5129.250	44.35	6.22	50.57	54.00	-3.43	AVG
11	5150.000	51.49	6.27	57.76	74.00	-16.24	peak
12	5150.000	45.86	6.27	52.13	54.00	-1.87	AVG
13	5196.000	98.26	6.38	104.64	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

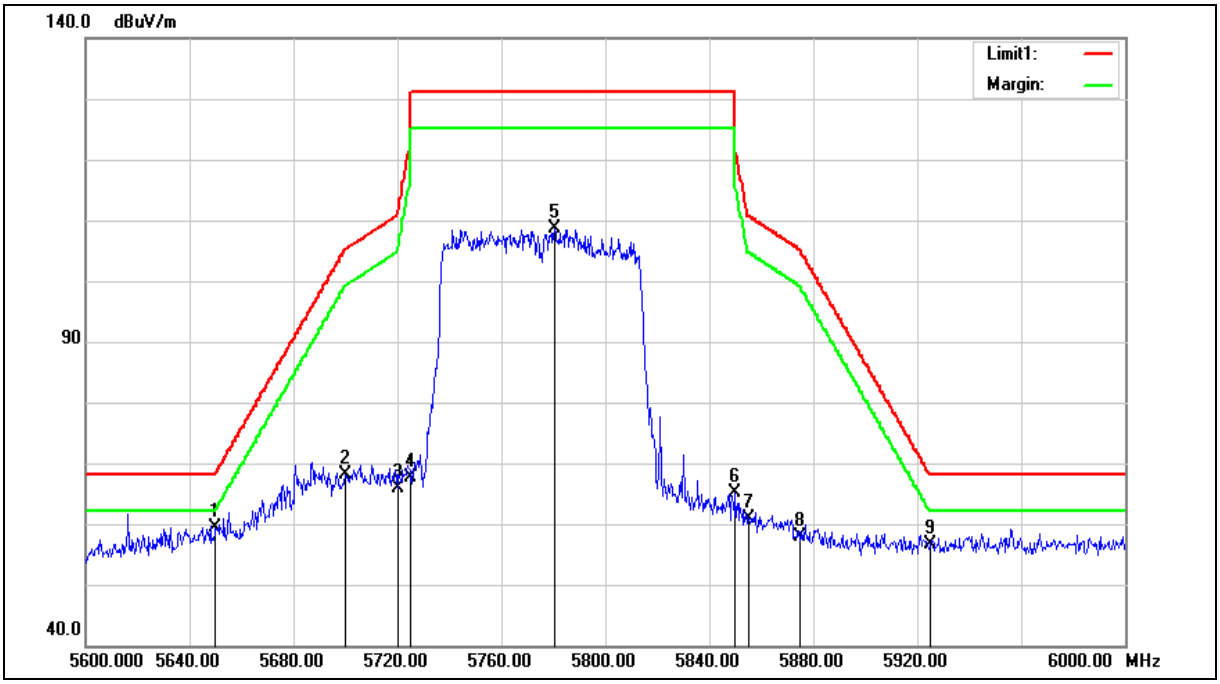
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.27	7.42	54.69	68.20	-13.51	peak
2	5700.000	48.36	7.52	55.88	105.20	-49.32	peak
3	5720.000	48.13	7.56	55.69	110.80	-55.11	peak
4	5725.000	47.25	7.57	54.82	122.20	-67.38	peak
5	5788.400	84.93	7.71	92.64	---	---	peak
6	5850.000	48.47	7.83	56.30	122.20	-65.90	peak
7	5855.000	48.97	7.85	56.82	110.80	-53.98	peak
8	5875.000	47.93	7.88	55.81	105.20	-49.39	peak
9	5925.000	48.16	8.00	56.16	68.20	-12.04	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	51.86	7.42	59.28	68.20	-8.92	peak
2	5700.000	60.56	7.52	68.08	105.20	-37.12	peak
3	5720.000	58.44	7.56	66.00	110.80	-44.80	peak
4	5725.000	59.99	7.57	67.56	122.20	-54.64	peak
5	5780.400	100.93	7.69	108.62	---	---	peak
6	5850.000	57.22	7.83	65.05	122.20	-57.15	peak
7	5855.000	53.10	7.85	60.95	110.80	-49.85	peak
8	5875.000	49.99	7.88	57.87	105.20	-47.33	peak
9	5925.000	48.67	8.00	56.67	68.20	-11.53	peak

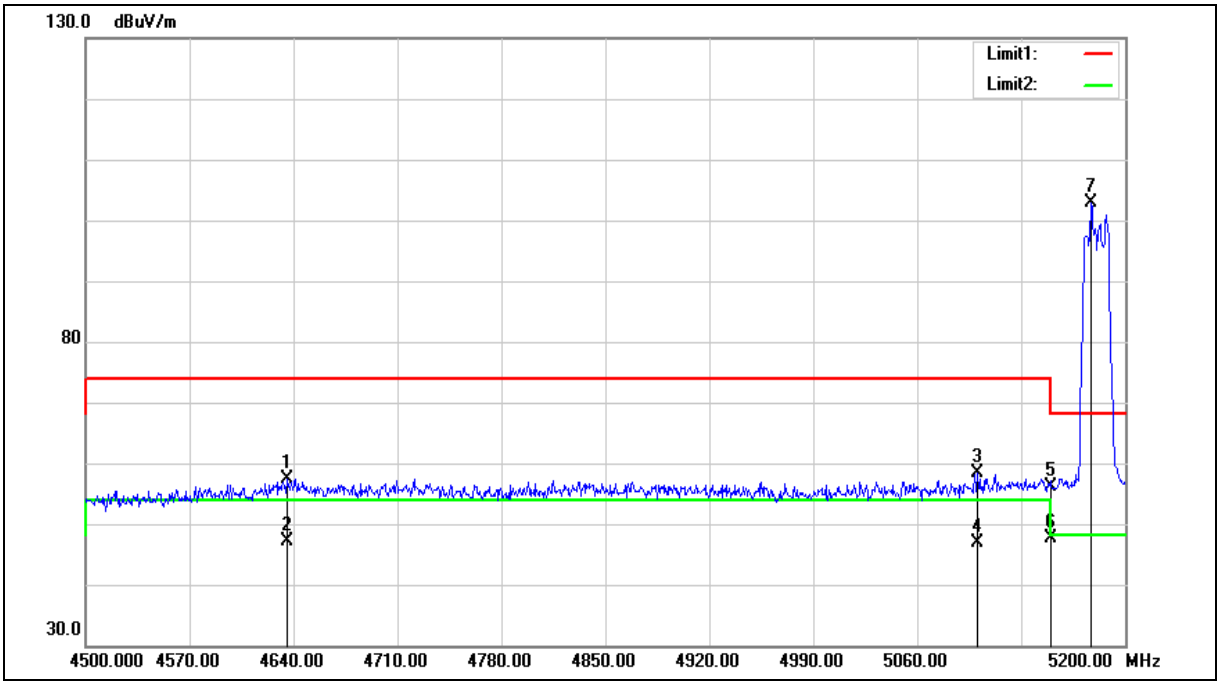
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Plastic shell : Matrix 2X

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

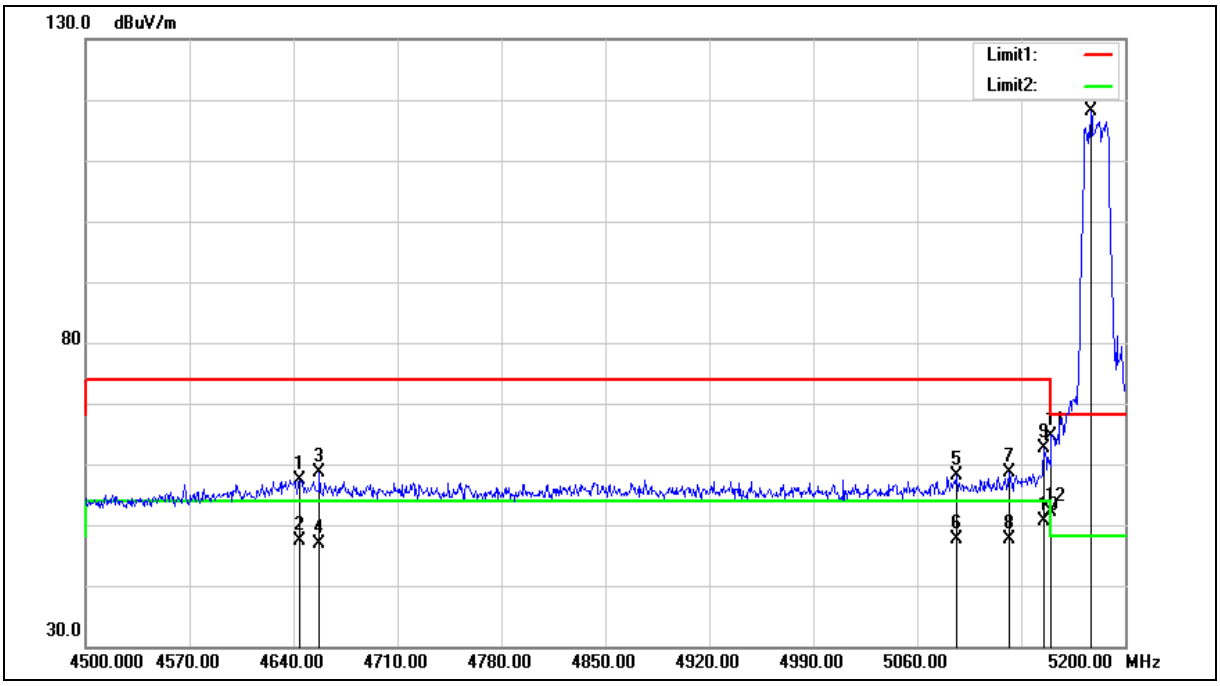
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4635.800	52.27	5.22	57.49	74.00	-16.51	peak
2	4635.800	41.99	5.22	47.21	54.00	-6.79	AVG
3	5100.600	52.20	6.15	58.35	74.00	-15.65	peak
4	5100.600	40.73	6.15	46.88	54.00	-7.12	AVG
5	5150.000	49.85	6.27	56.12	74.00	-17.88	peak
6	5150.000	41.26	6.27	47.53	54.00	-6.47	AVG
7	5176.900	96.47	6.33	102.80	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

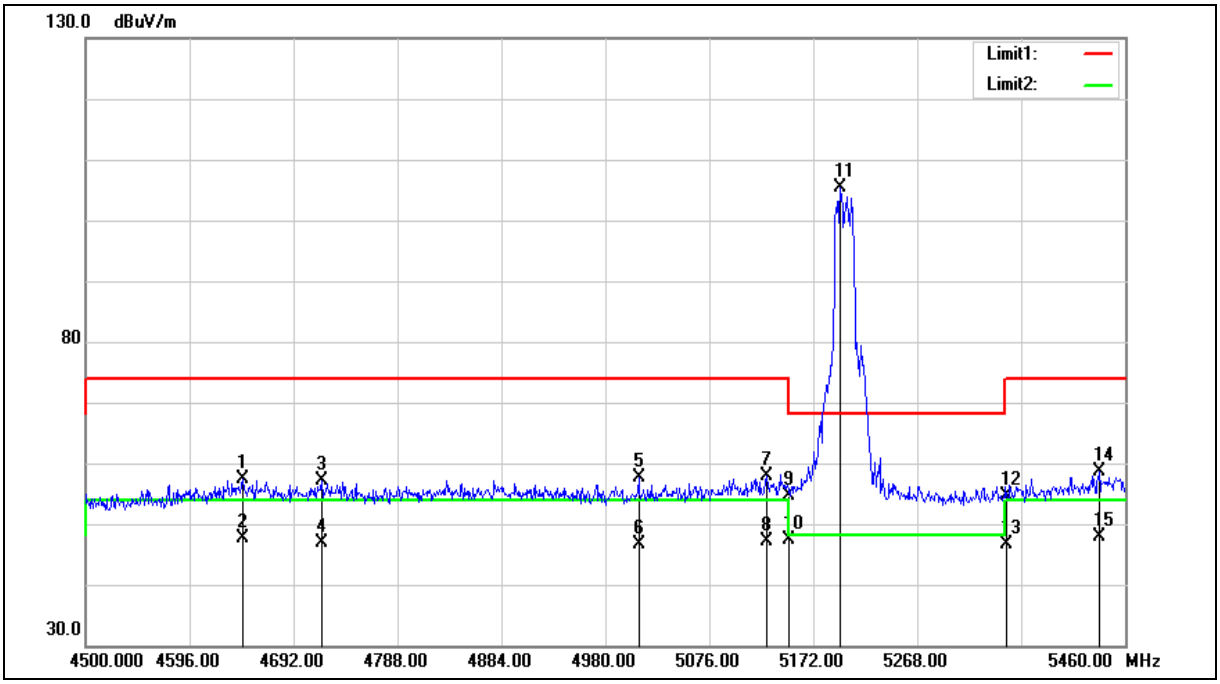
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4644.200	52.20	5.24	57.44	74.00	-16.56	peak
2	4644.200	42.10	5.24	47.34	54.00	-6.66	AVG
3	4657.500	53.29	5.26	58.55	74.00	-15.45	peak
4	4657.500	41.50	5.26	46.76	54.00	-7.24	AVG
5	5086.600	52.12	6.12	58.24	74.00	-15.76	peak
6	5086.600	41.60	6.12	47.72	54.00	-6.28	AVG
7	5121.600	52.54	6.20	58.74	74.00	-15.26	peak
8	5121.600	41.43	6.20	47.63	54.00	-6.37	AVG
9	5145.400	56.36	6.26	62.62	74.00	-11.38	peak
10	5145.400	44.43	6.26	50.69	54.00	-3.31	AVG
11	5150.000	58.29	6.27	64.56	74.00	-9.44	peak
12	5150.000	45.81	6.27	52.08	54.00	-1.92	AVG
13	5176.900	111.71	6.33	118.04	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

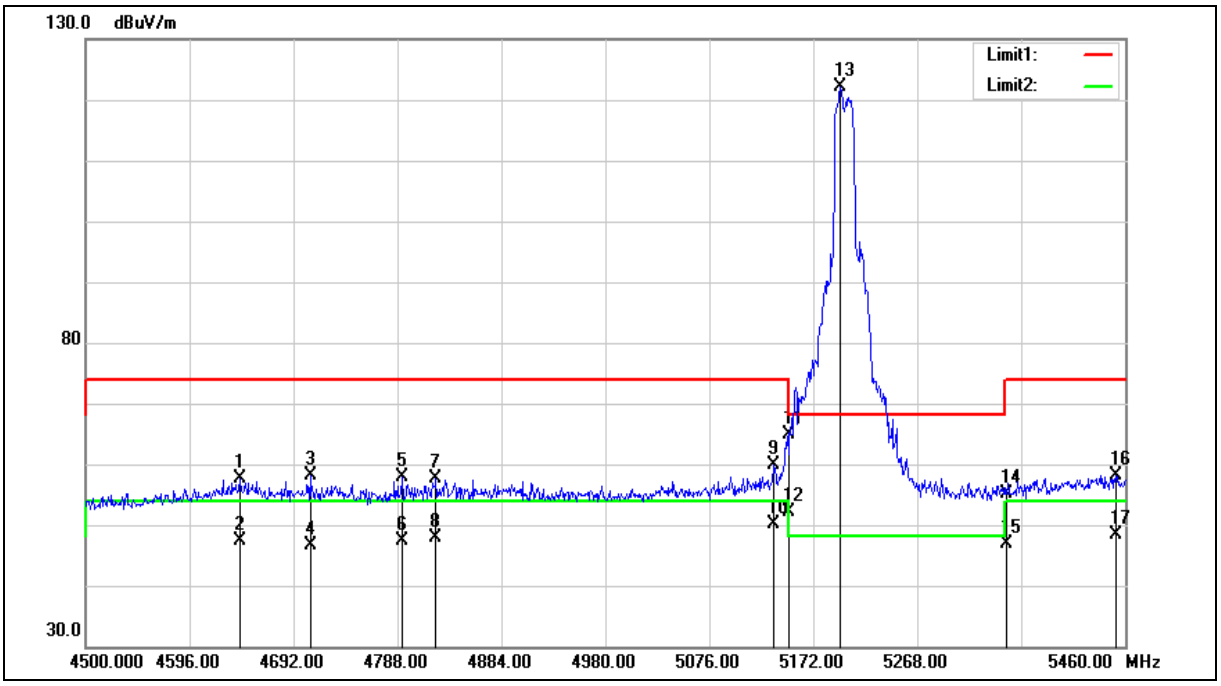
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4644.960	52.22	5.24	57.46	74.00	-16.54	peak
2	4644.960	42.45	5.24	47.69	54.00	-6.31	AVG
3	4717.920	51.76	5.38	57.14	74.00	-16.86	peak
4	4717.920	41.53	5.38	46.91	54.00	-7.09	AVG
5	5010.720	51.81	5.93	57.74	74.00	-16.26	peak
6	5010.720	40.74	5.93	46.67	54.00	-7.33	AVG
7	5128.800	51.67	6.22	57.89	74.00	-16.11	peak
8	5128.800	40.92	6.22	47.14	54.00	-6.86	AVG
9	5150.000	48.39	6.27	54.66	74.00	-19.34	peak
10	5150.000	41.00	6.27	47.27	54.00	-6.73	AVG
11	5196.960	98.98	6.38	105.36	---	---	peak
12	5350.000	47.89	6.74	54.63	74.00	-19.37	peak
13	5350.000	39.84	6.74	46.58	54.00	-7.42	AVG
14	5436.000	51.59	6.95	58.54	74.00	-15.46	peak
15	5436.000	40.86	6.95	47.81	54.00	-6.19	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

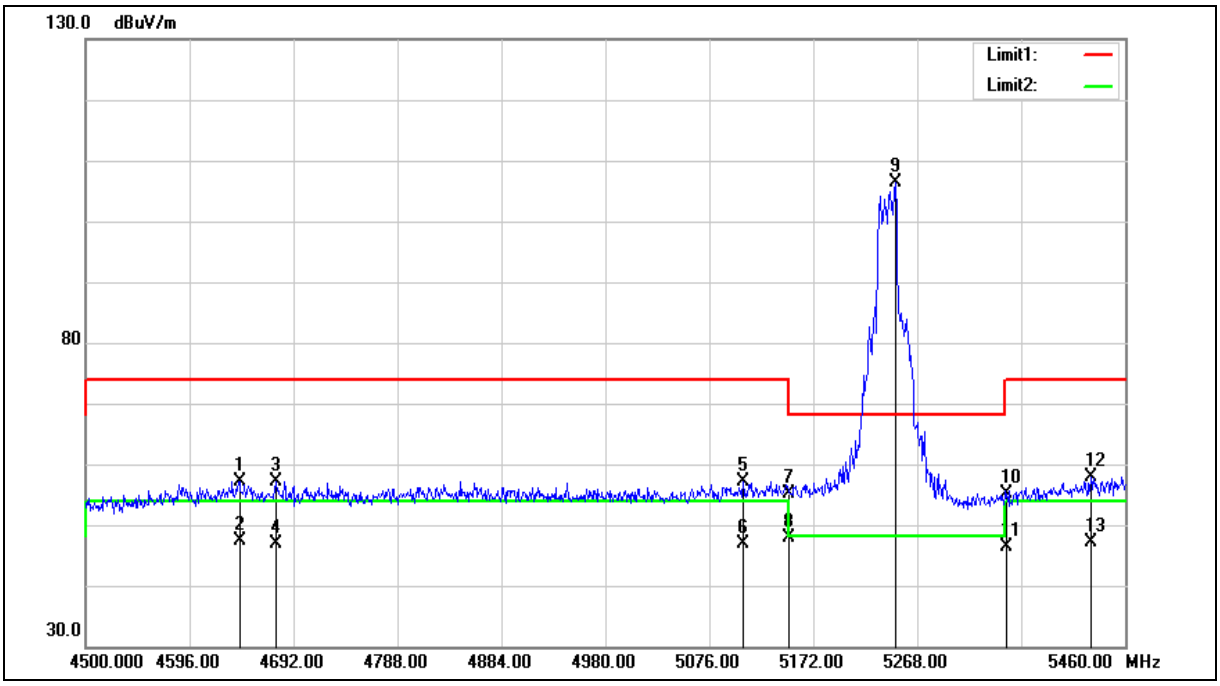
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4642.080	52.39	5.23	57.62	74.00	-16.38	peak
2	4642.080	42.14	5.23	47.37	54.00	-6.63	AVG
3	4707.360	52.79	5.35	58.14	74.00	-15.86	peak
4	4707.360	41.36	5.35	46.71	54.00	-7.29	AVG
5	4792.800	52.35	5.52	57.87	74.00	-16.13	peak
6	4792.800	41.75	5.52	47.27	54.00	-6.73	AVG
7	4823.520	51.95	5.57	57.52	74.00	-16.48	peak
8	4823.520	42.30	5.57	47.87	54.00	-6.13	AVG
9	5135.520	53.53	6.23	59.76	74.00	-14.24	peak
10	5135.520	43.96	6.23	50.19	54.00	-3.81	AVG
11	5150.000	58.51	6.27	64.78	74.00	-9.22	peak
12	5150.000	45.84	6.27	52.11	54.00	-1.89	AVG
13	5196.960	115.73	6.38	122.11	---	---	peak
14	5350.000	48.49	6.74	55.23	74.00	-18.77	peak
15	5350.000	40.06	6.74	46.80	54.00	-7.20	AVG
16	5451.360	51.12	6.99	58.11	74.00	-15.89	peak
17	5451.360	41.34	6.99	48.33	54.00	-5.67	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

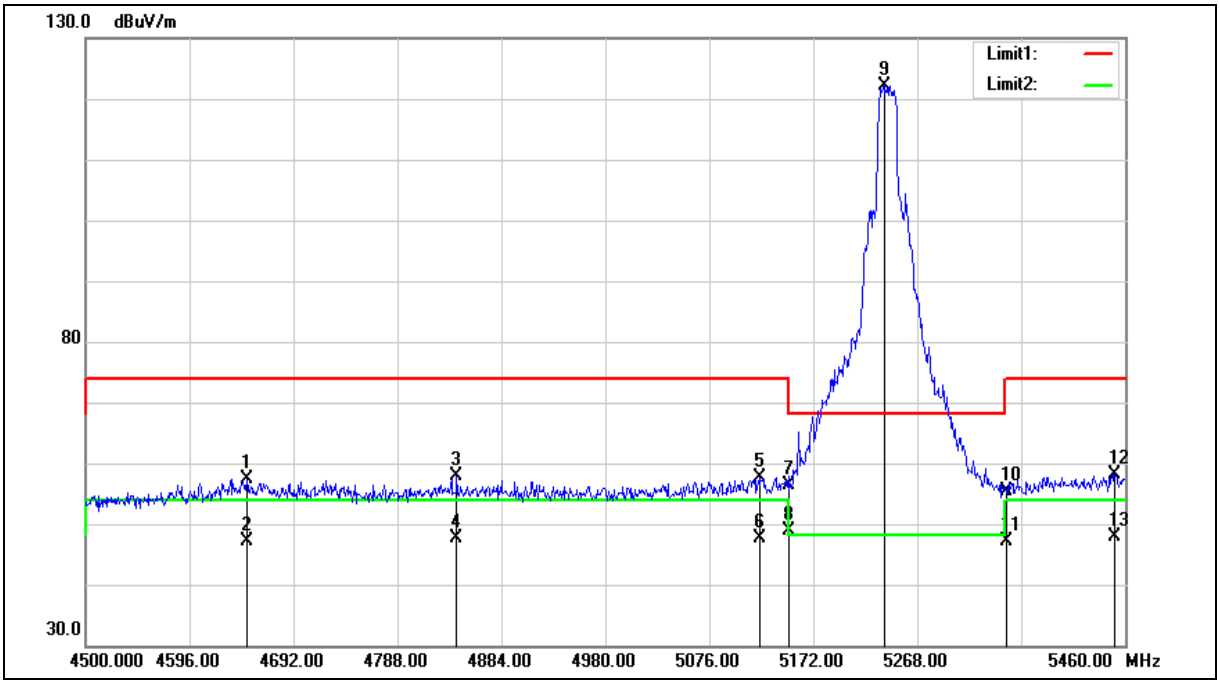
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4642.080	51.93	5.23	57.16	74.00	-16.84	peak
2	4642.080	42.04	5.23	47.27	54.00	-6.73	AVG
3	4675.680	51.76	5.29	57.05	74.00	-16.95	peak
4	4675.680	41.57	5.29	46.86	54.00	-7.14	AVG
5	5107.680	50.96	6.17	57.13	74.00	-16.87	peak
6	5107.680	40.80	6.17	46.97	54.00	-7.03	AVG
7	5150.000	48.75	6.27	55.02	74.00	-18.98	peak
8	5150.000	41.64	6.27	47.91	54.00	-6.09	AVG
9	5247.840	99.97	6.50	106.47	---	---	peak
10	5350.000	48.50	6.74	55.24	74.00	-18.76	peak
11	5350.000	39.57	6.74	46.31	54.00	-7.69	AVG
12	5428.320	50.91	6.93	57.84	74.00	-16.16	peak
13	5428.320	40.32	6.93	47.25	54.00	-6.75	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

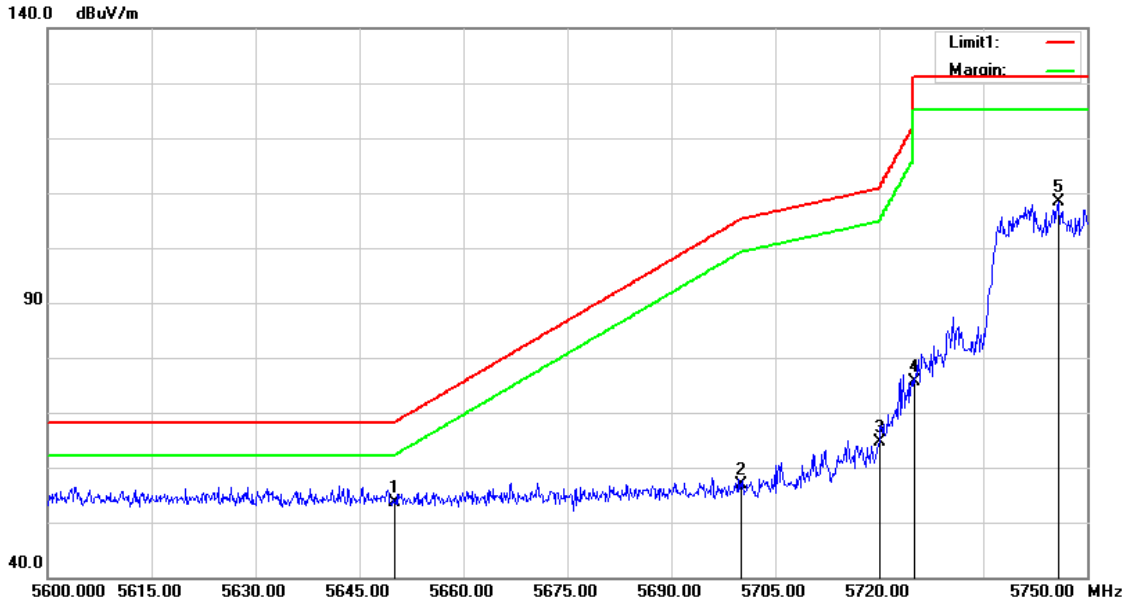
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4648.800	52.16	5.24	57.40	74.00	-16.60	peak
2	4648.800	41.89	5.24	47.13	54.00	-6.87	AVG
3	4842.720	52.15	5.62	57.77	74.00	-16.23	peak
4	4842.720	42.01	5.62	47.63	54.00	-6.37	AVG
5	5123.040	51.49	6.21	57.70	74.00	-16.30	peak
6	5123.040	41.51	6.21	47.72	54.00	-6.28	AVG
7	5150.000	50.16	6.27	56.43	74.00	-17.57	peak
8	5150.000	42.49	6.27	48.76	54.00	-5.24	AVG
9	5237.280	115.78	6.47	122.25	---	---	peak
10	5350.000	48.60	6.74	55.34	74.00	-18.66	peak
11	5350.000	40.31	6.74	47.05	54.00	-6.95	AVG
12	5450.400	51.24	6.98	58.22	74.00	-15.78	peak
13	5450.400	40.94	6.98	47.92	54.00	-6.08	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



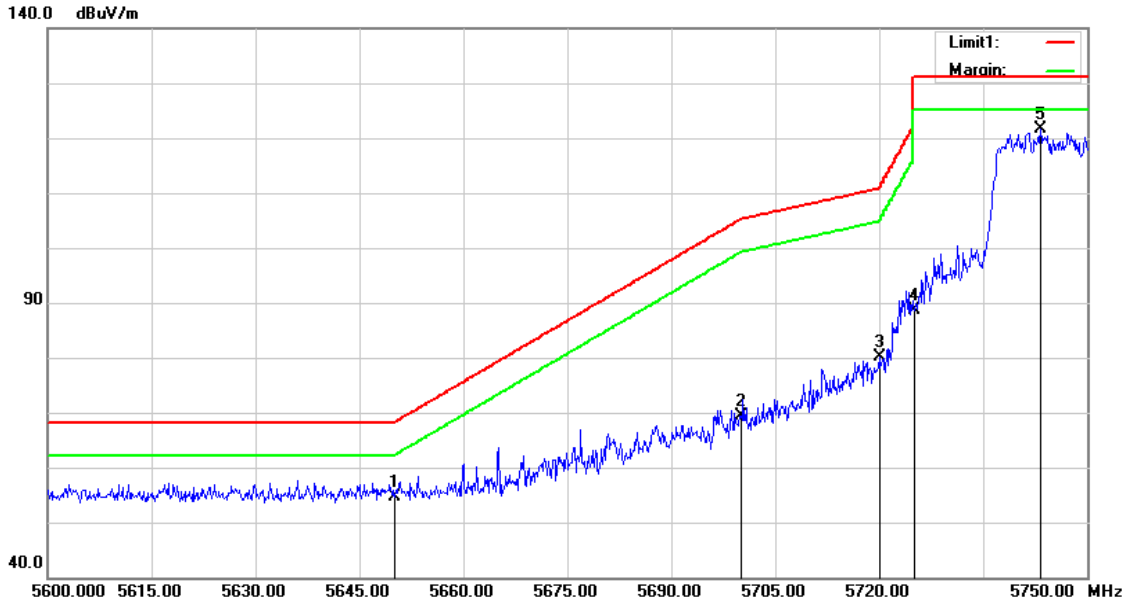
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.29	7.42	53.71	68.20	-14.49	peak
2	5700.000	49.28	7.52	56.80	105.20	-48.40	peak
3	5720.000	57.17	7.56	64.73	110.80	-46.07	peak
4	5725.000	67.95	7.57	75.52	122.20	-46.68	peak
5	5745.800	100.86	7.61	108.47	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



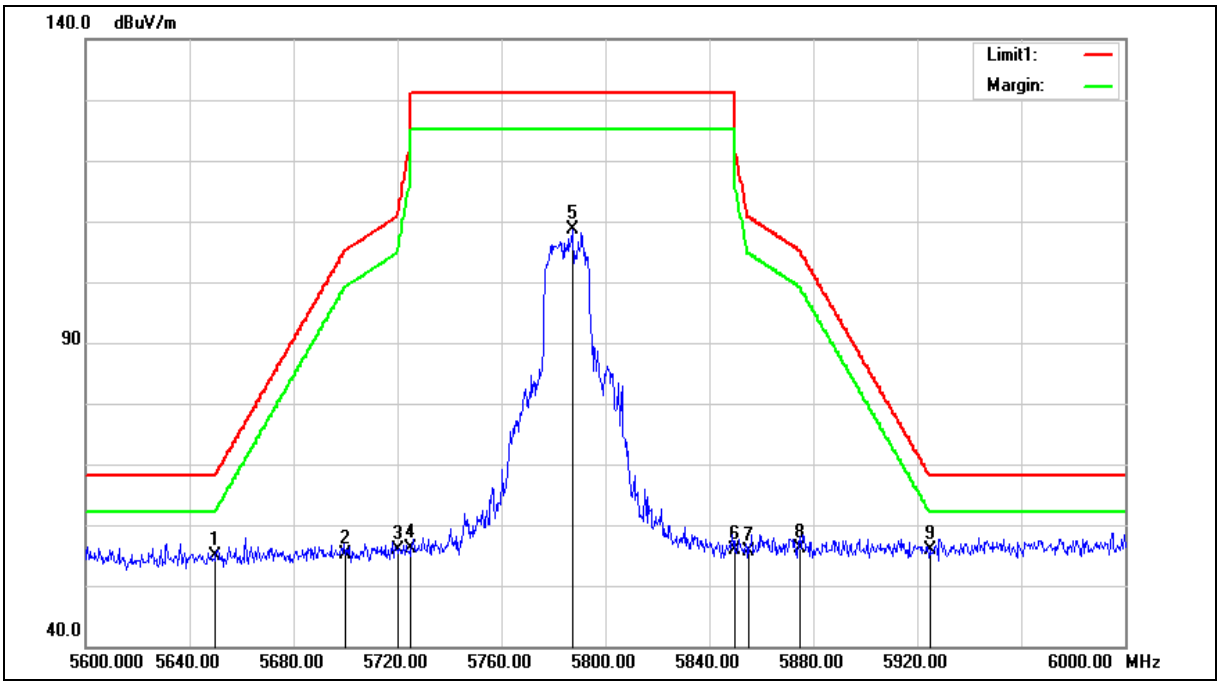
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.31	7.42	54.73	68.20	-13.47	peak
2	5700.000	61.87	7.52	69.39	105.20	-35.81	peak
3	5720.000	72.65	7.56	80.21	110.80	-30.59	peak
4	5725.000	81.09	7.57	88.66	122.20	-33.54	peak
5	5743.250	113.93	7.61	121.54	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

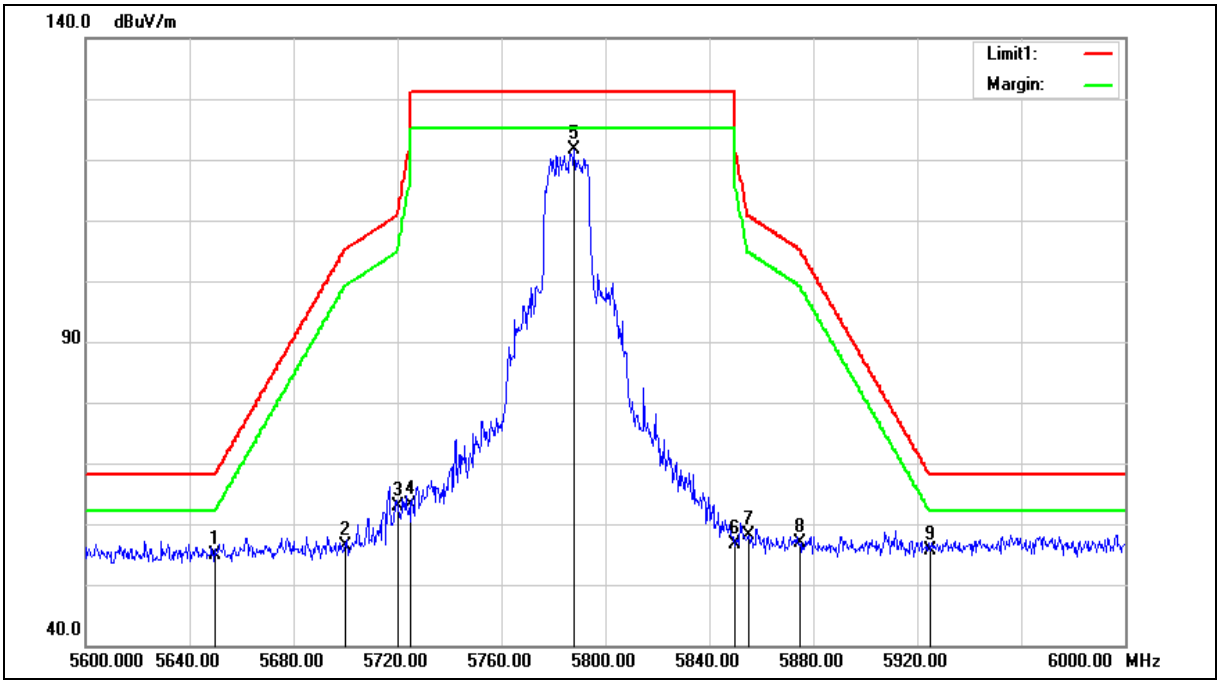
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.51	7.42	54.93	68.20	-13.27	peak
2	5700.000	47.60	7.52	55.12	105.20	-50.08	peak
3	5720.000	48.28	7.56	55.84	110.80	-54.96	peak
4	5725.000	48.64	7.57	56.21	122.20	-65.99	peak
5	5787.200	101.03	7.71	108.74	---	---	peak
6	5850.000	48.06	7.83	55.89	122.20	-66.31	peak
7	5855.000	47.80	7.85	55.65	110.80	-55.15	peak
8	5875.000	48.36	7.88	56.24	105.20	-48.96	peak
9	5925.000	47.90	8.00	55.90	68.20	-12.30	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

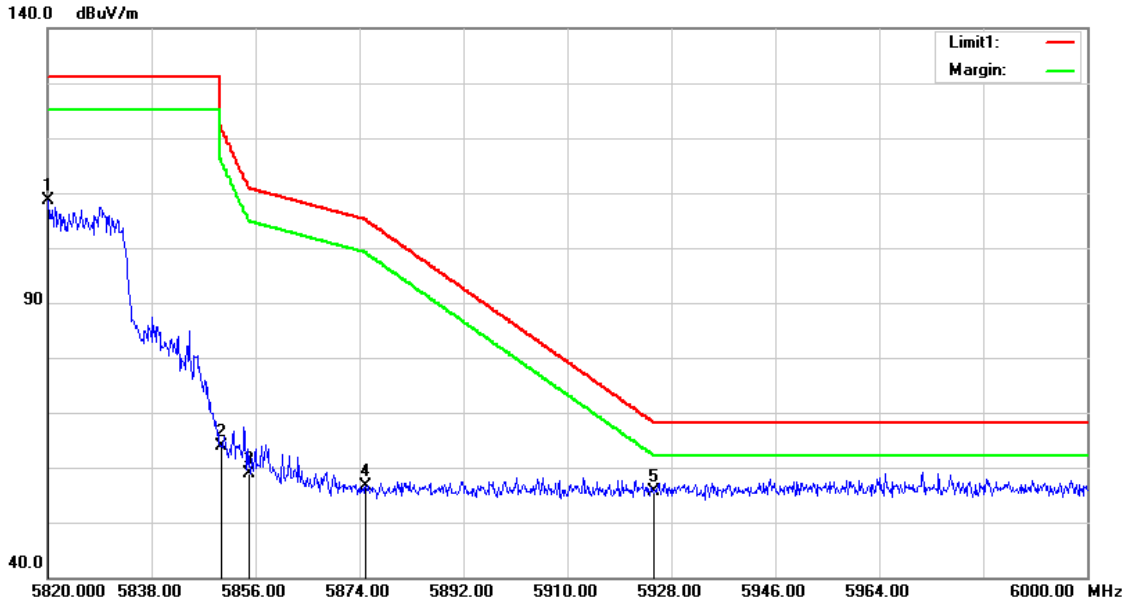
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.45	7.42	54.87	68.20	-13.33	peak
2	5700.000	48.95	7.52	56.47	105.20	-48.73	peak
3	5720.000	55.31	7.56	62.87	110.80	-47.93	peak
4	5725.000	55.56	7.57	63.13	122.20	-59.07	peak
5	5788.000	113.91	7.71	121.62	---	---	peak
6	5850.000	48.80	7.83	56.63	122.20	-65.57	peak
7	5855.000	50.21	7.85	58.06	110.80	-52.74	peak
8	5875.000	49.03	7.88	56.91	105.20	-48.29	peak
9	5925.000	47.67	8.00	55.67	68.20	-12.53	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



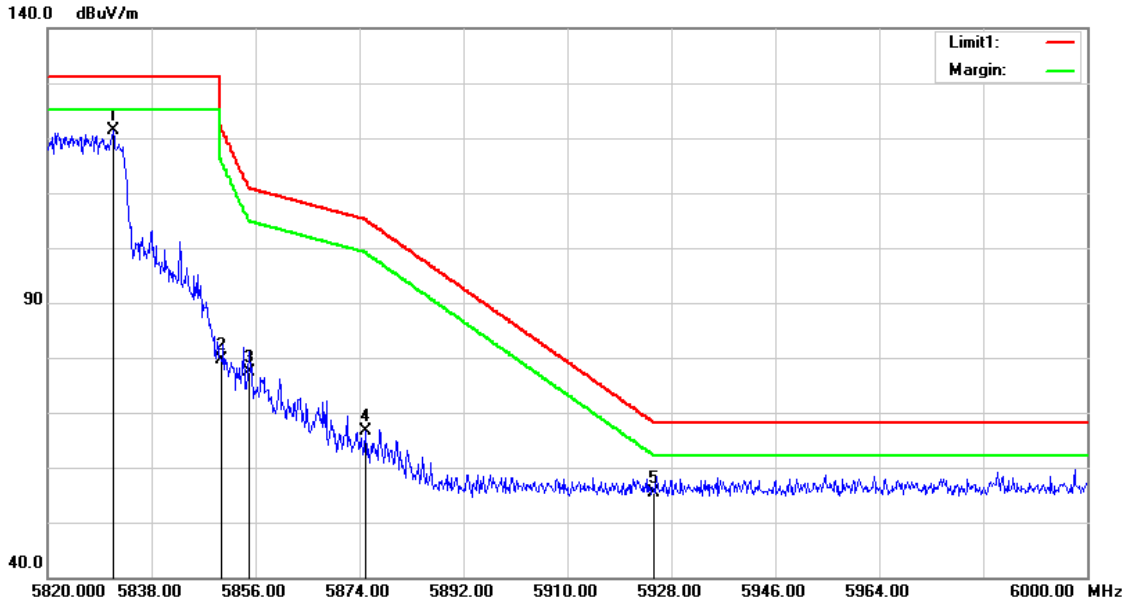
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5820.180	100.86	7.77	108.63	---	---	peak
2	5850.000	56.08	7.83	63.91	122.20	-58.29	peak
3	5855.000	51.04	7.85	58.89	110.80	-51.91	peak
4	5875.000	48.71	7.88	56.59	105.20	-48.61	peak
5	5925.000	47.68	8.00	55.68	68.20	-12.52	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



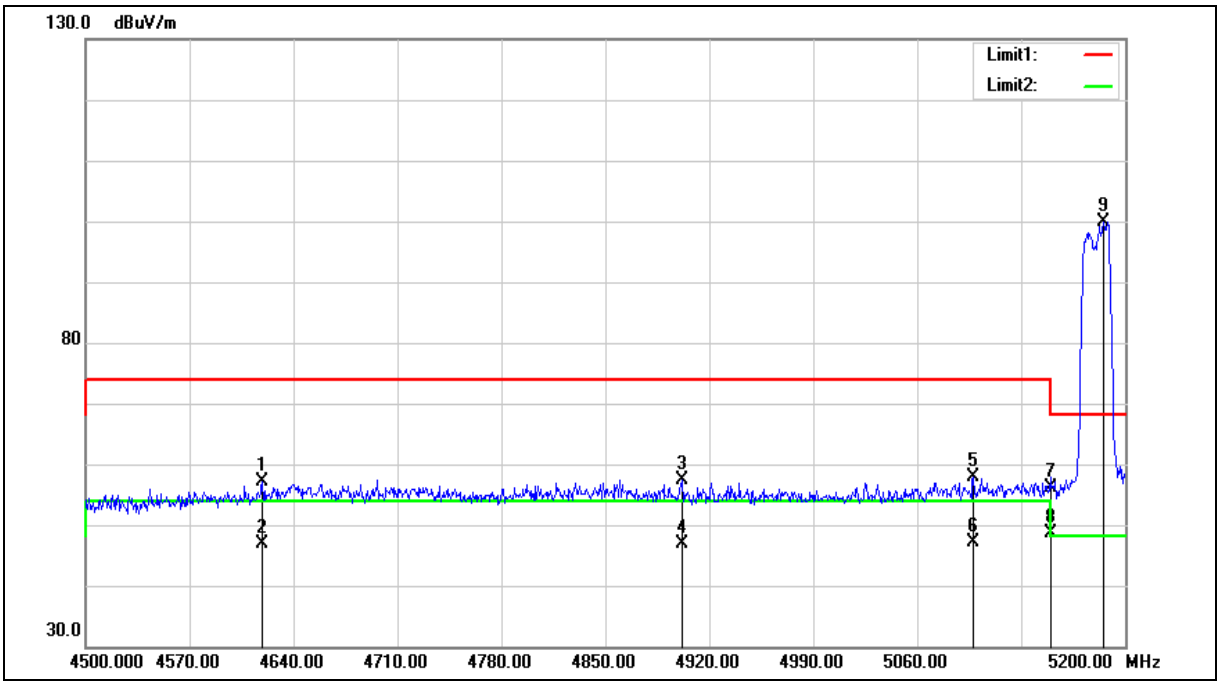
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5831.340	113.64	7.80	121.44	---	---	peak
2	5850.000	71.85	7.83	79.68	122.20	-42.52	peak
3	5855.000	69.56	7.85	77.41	110.80	-33.39	peak
4	5875.000	58.70	7.88	66.58	105.20	-38.62	peak
5	5925.000	47.26	8.00	55.26	68.20	-12.94	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

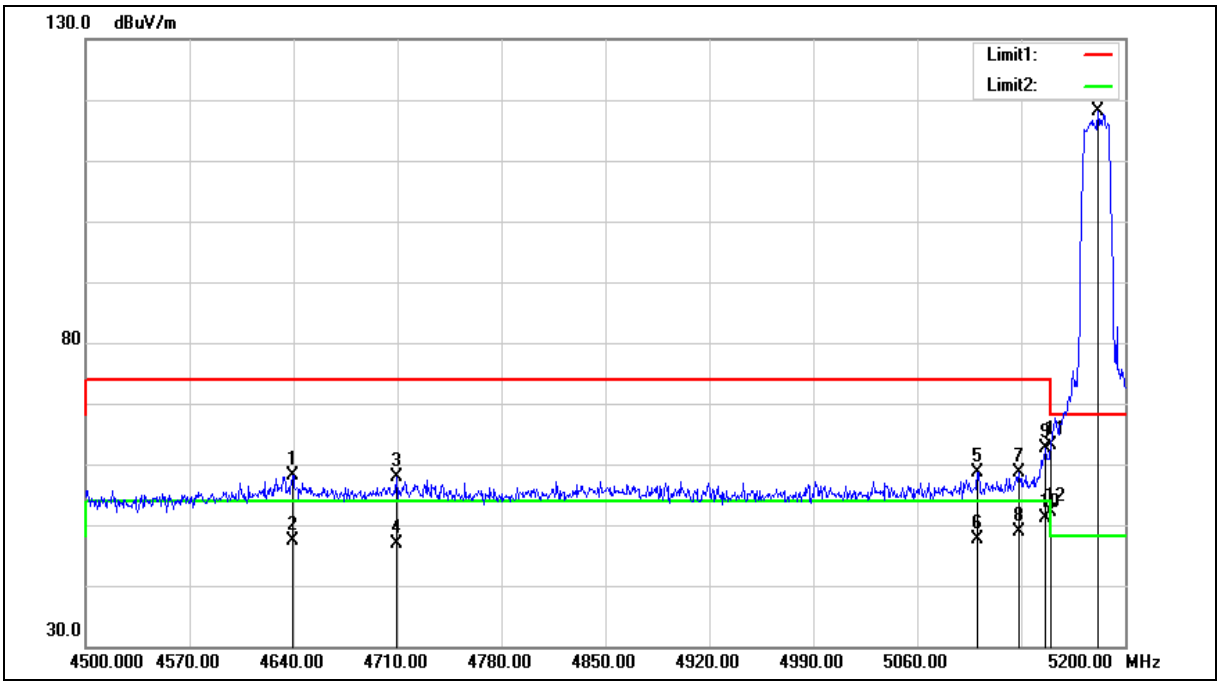
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4619.000	51.91	5.18	57.09	74.00	-16.91	peak
2	4619.000	41.60	5.18	46.78	54.00	-7.22	AVG
3	4901.800	51.64	5.72	57.36	74.00	-16.64	peak
4	4901.800	41.24	5.72	46.96	54.00	-7.04	AVG
5	5097.800	51.76	6.15	57.91	74.00	-16.09	peak
6	5097.800	40.93	6.15	47.08	54.00	-6.92	AVG
7	5150.000	49.97	6.27	56.24	74.00	-17.76	peak
8	5150.000	42.48	6.27	48.75	54.00	-5.25	AVG
9	5185.300	93.57	6.35	99.92	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

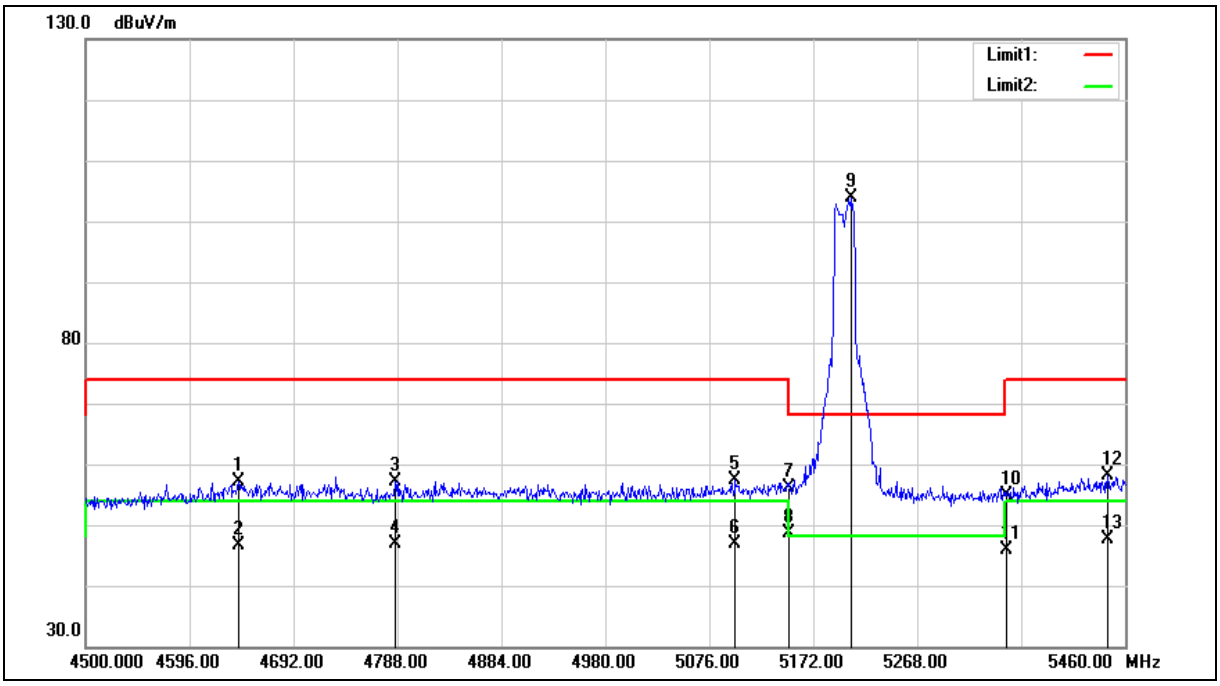
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4639.300	52.99	5.23	58.22	74.00	-15.78	peak
2	4639.300	42.09	5.23	47.32	54.00	-6.68	AVG
3	4709.300	52.49	5.36	57.85	74.00	-16.15	peak
4	4709.300	41.42	5.36	46.78	54.00	-7.22	AVG
5	5100.600	52.48	6.15	58.63	74.00	-15.37	peak
6	5100.600	41.51	6.15	47.66	54.00	-6.34	AVG
7	5128.600	52.29	6.22	58.51	74.00	-15.49	peak
8	5128.600	42.74	6.22	48.96	54.00	-5.04	AVG
9	5146.100	56.36	6.26	62.62	74.00	-11.38	peak
10	5146.100	44.84	6.26	51.10	54.00	-2.90	AVG
11	5150.000	56.93	6.27	63.20	74.00	-10.80	peak
12	5150.000	45.81	6.27	52.08	54.00	-1.92	AVG
13	5181.800	111.74	6.34	118.08	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

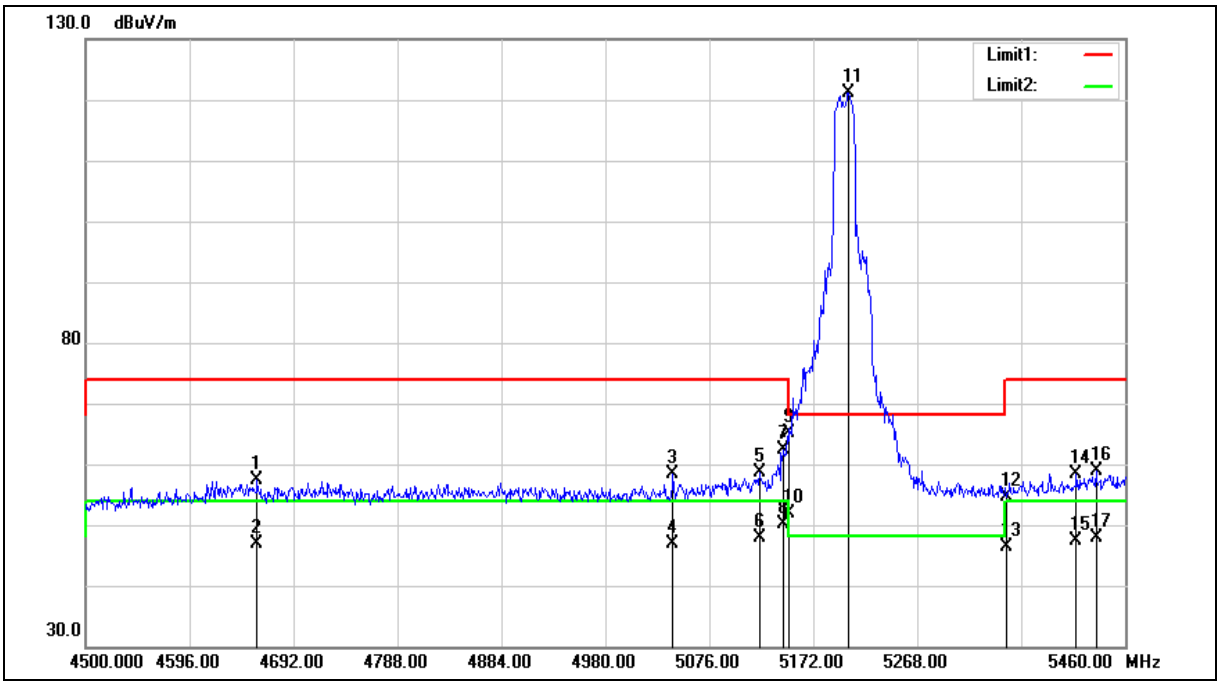
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4641.120	51.80	5.23	57.03	74.00	-16.97	peak
2	4641.120	41.50	5.23	46.73	54.00	-7.27	AVG
3	4786.080	51.71	5.50	57.21	74.00	-16.79	peak
4	4786.080	41.28	5.50	46.78	54.00	-7.22	AVG
5	5100.000	51.25	6.15	57.40	74.00	-16.60	peak
6	5100.000	40.70	6.15	46.85	54.00	-7.15	AVG
7	5150.000	49.91	6.27	56.18	74.00	-17.82	peak
8	5150.000	42.39	6.27	48.66	54.00	-5.34	AVG
9	5207.520	97.44	6.40	103.84	---	---	peak
10	5350.000	48.21	6.74	54.95	74.00	-19.05	peak
11	5350.000	39.24	6.74	45.98	54.00	-8.02	AVG
12	5443.680	51.07	6.97	58.04	74.00	-15.96	peak
13	5443.680	40.69	6.97	47.66	54.00	-6.34	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

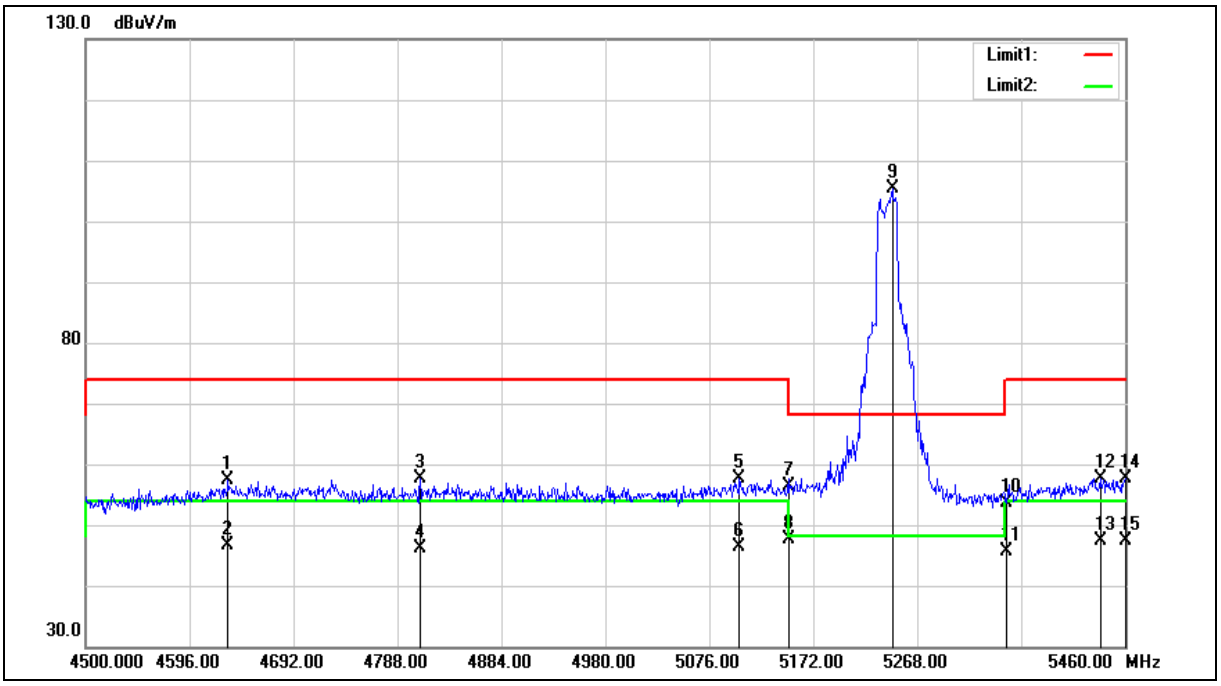
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4658.400	52.14	5.26	57.40	74.00	-16.60	peak
2	4658.400	41.63	5.26	46.89	54.00	-7.11	AVG
3	5042.400	52.45	6.01	58.46	74.00	-15.54	peak
4	5042.400	40.83	6.01	46.84	54.00	-7.16	AVG
5	5122.080	52.33	6.20	58.53	74.00	-15.47	peak
6	5122.080	41.70	6.20	47.90	54.00	-6.10	AVG
7	5144.160	56.13	6.26	62.39	74.00	-11.61	peak
8	5144.160	43.97	6.26	50.23	54.00	-3.77	AVG
9	5150.000	58.86	6.27	65.13	74.00	-8.87	peak
10	5150.000	45.61	6.27	51.88	54.00	-2.12	AVG
11	5204.640	114.70	6.39	121.09	---	---	peak
12	5350.000	47.91	6.74	54.65	74.00	-19.35	peak
13	5350.000	39.68	6.74	46.42	54.00	-7.58	AVG
14	5414.880	51.49	6.90	58.39	74.00	-15.61	peak
15	5414.880	40.45	6.90	47.35	54.00	-6.65	AVG
16	5433.120	51.89	6.94	58.83	74.00	-15.17	peak
17	5433.120	41.02	6.94	47.96	54.00	-6.04	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

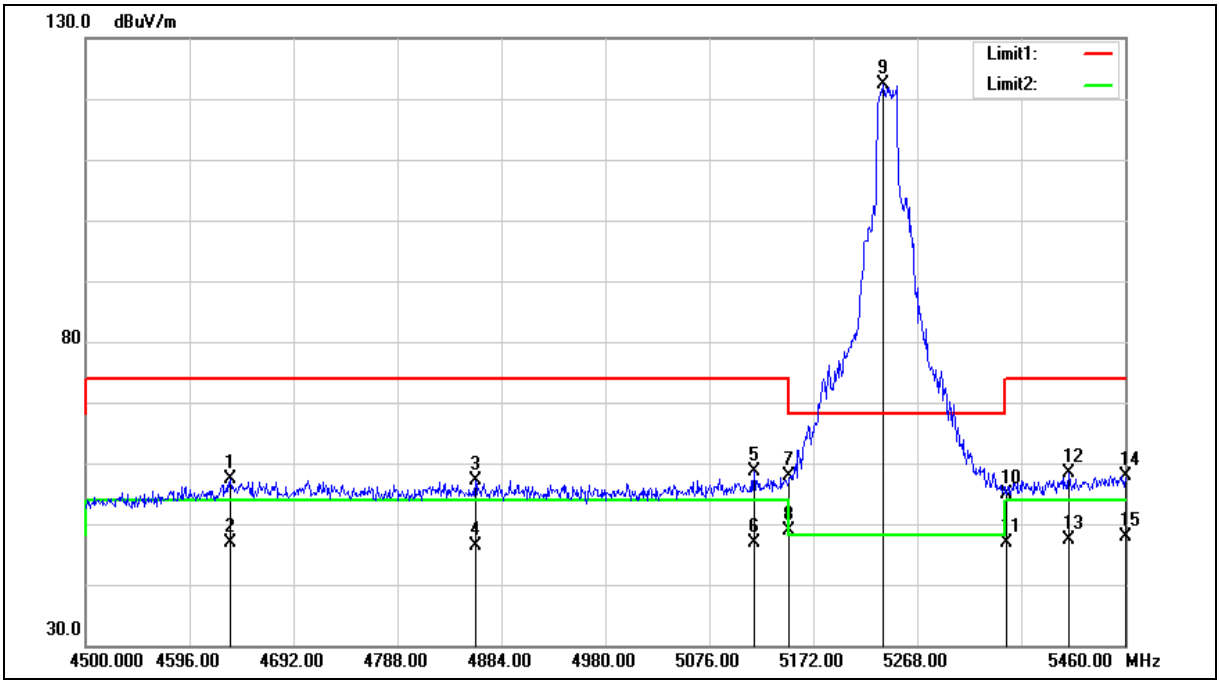
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4631.520	52.09	5.20	57.29	74.00	-16.71	peak
2	4631.520	41.47	5.20	46.67	54.00	-7.33	AVG
3	4809.120	52.06	5.55	57.61	74.00	-16.39	peak
4	4809.120	40.55	5.55	46.10	54.00	-7.90	AVG
5	5103.840	51.41	6.16	57.57	74.00	-16.43	peak
6	5103.840	40.27	6.16	46.43	54.00	-7.57	AVG
7	5150.000	50.06	6.27	56.33	74.00	-17.67	peak
8	5150.000	41.45	6.27	47.72	54.00	-6.28	AVG
9	5244.960	98.82	6.49	105.31	---	---	peak
10	5350.000	46.96	6.74	53.70	74.00	-20.30	peak
11	5350.000	39.01	6.74	45.75	54.00	-8.25	AVG
12	5436.960	50.67	6.95	57.62	74.00	-16.38	peak
13	5436.960	40.32	6.95	47.27	54.00	-6.73	AVG
14	5460.000	50.75	7.00	57.75	74.00	-16.25	peak
15	5460.000	40.49	7.00	47.49	54.00	-6.51	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

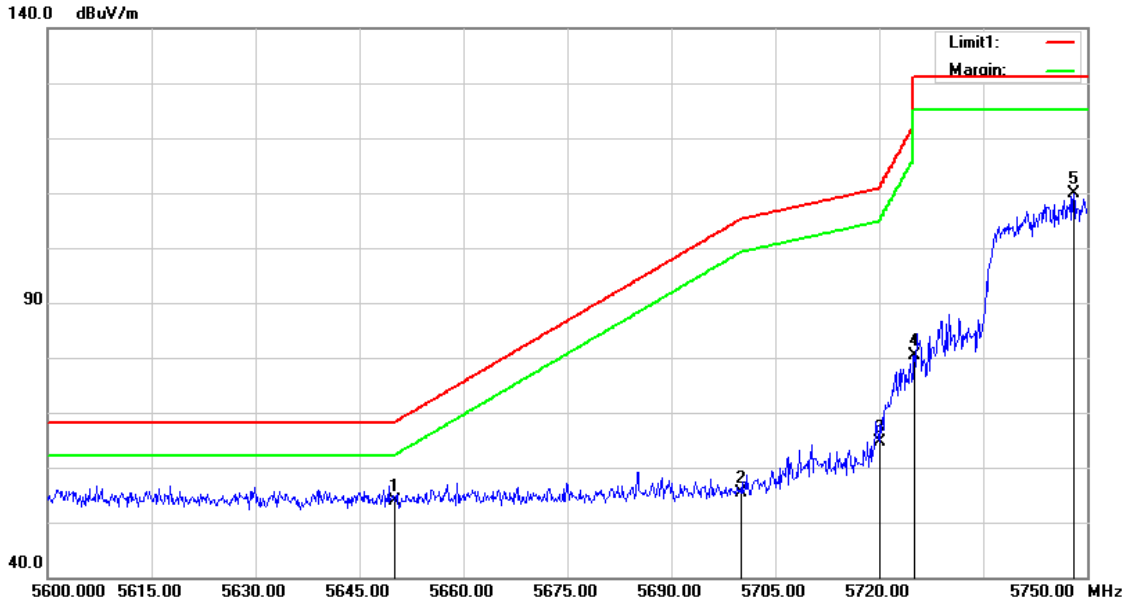
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4633.440	52.19	5.22	57.41	74.00	-16.59	peak
2	4633.440	41.67	5.22	46.89	54.00	-7.11	AVG
3	4860.000	51.49	5.64	57.13	74.00	-16.87	peak
4	4860.000	40.62	5.64	46.26	54.00	-7.74	AVG
5	5117.280	52.39	6.20	58.59	74.00	-15.41	peak
6	5117.280	40.56	6.20	46.76	54.00	-7.24	AVG
7	5150.000	51.56	6.27	57.83	74.00	-16.17	peak
8	5150.000	42.61	6.27	48.88	54.00	-5.12	AVG
9	5236.320	115.96	6.46	122.42	---	---	peak
10	5350.000	48.09	6.74	54.83	74.00	-19.17	peak
11	5350.000	40.19	6.74	46.93	54.00	-7.07	AVG
12	5408.160	51.51	6.87	58.38	74.00	-15.62	peak
13	5408.160	40.48	6.87	47.35	54.00	-6.65	AVG
14	5460.000	50.98	7.00	57.98	74.00	-16.02	peak
15	5460.000	40.76	7.00	47.76	54.00	-6.24	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



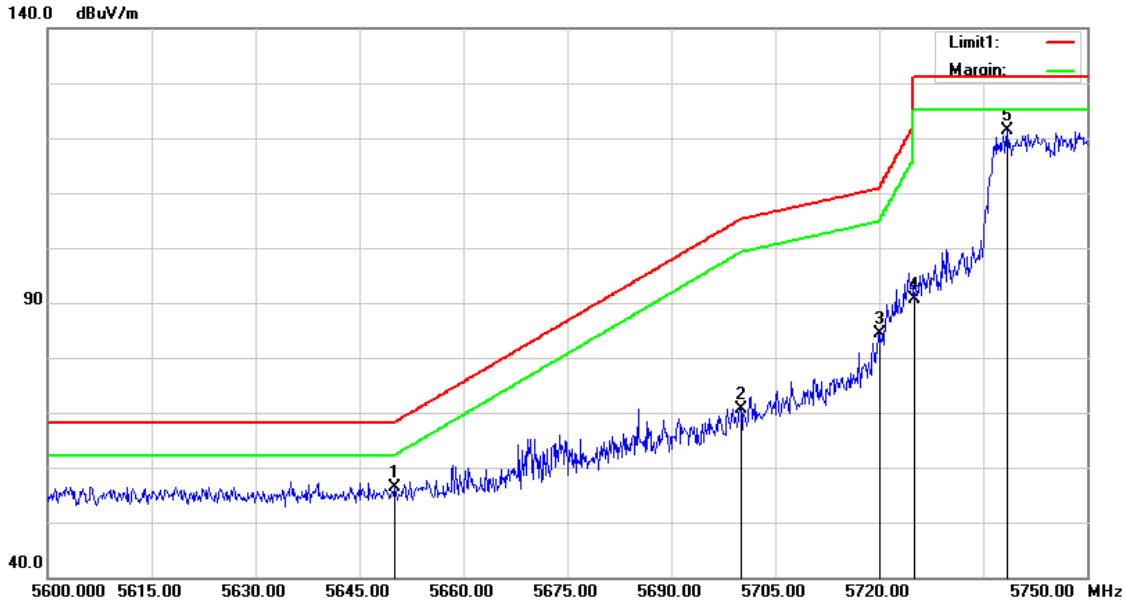
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.58	7.42	54.00	68.20	-14.20	peak
2	5700.000	47.89	7.52	55.41	105.20	-49.79	peak
3	5720.000	57.04	7.56	64.60	110.80	-46.20	peak
4	5725.000	72.78	7.57	80.35	122.20	-41.85	peak
5	5748.050	102.14	7.62	109.76	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



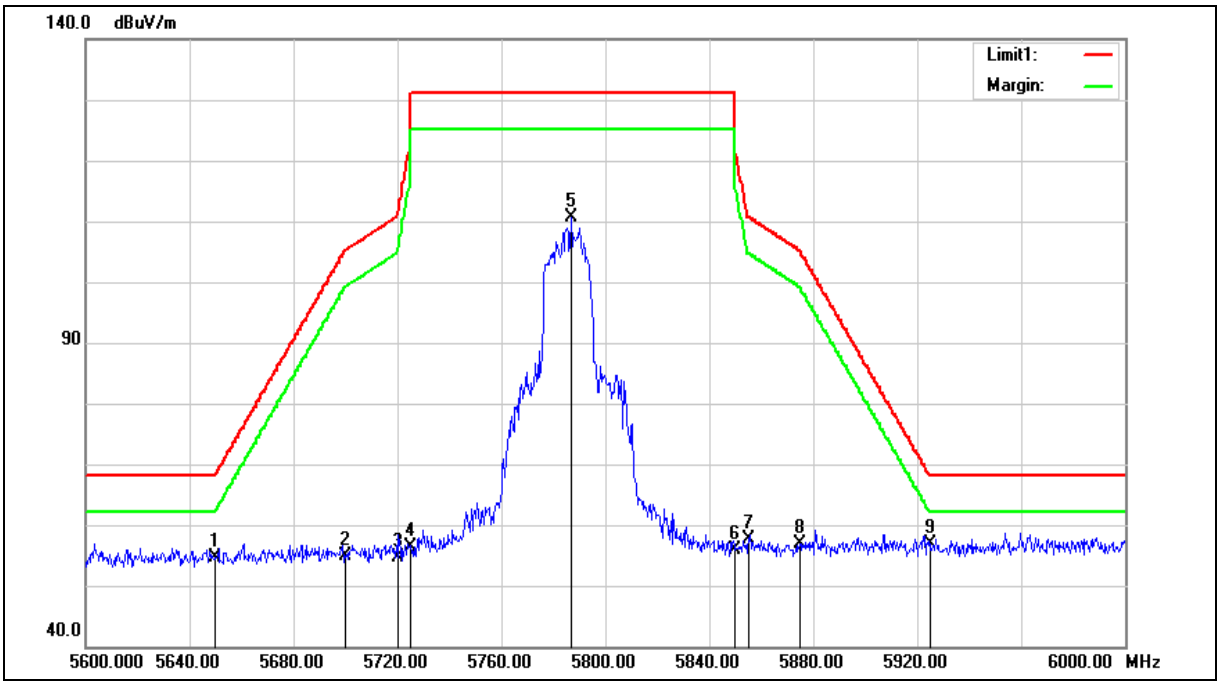
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	48.98	7.42	56.40	68.20	-11.80	peak
2	5700.000	63.03	7.52	70.55	105.20	-34.65	peak
3	5720.000	76.94	7.56	84.50	110.80	-26.30	peak
4	5725.000	83.16	7.57	90.73	122.20	-31.47	peak
5	5738.450	113.73	7.59	121.32	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

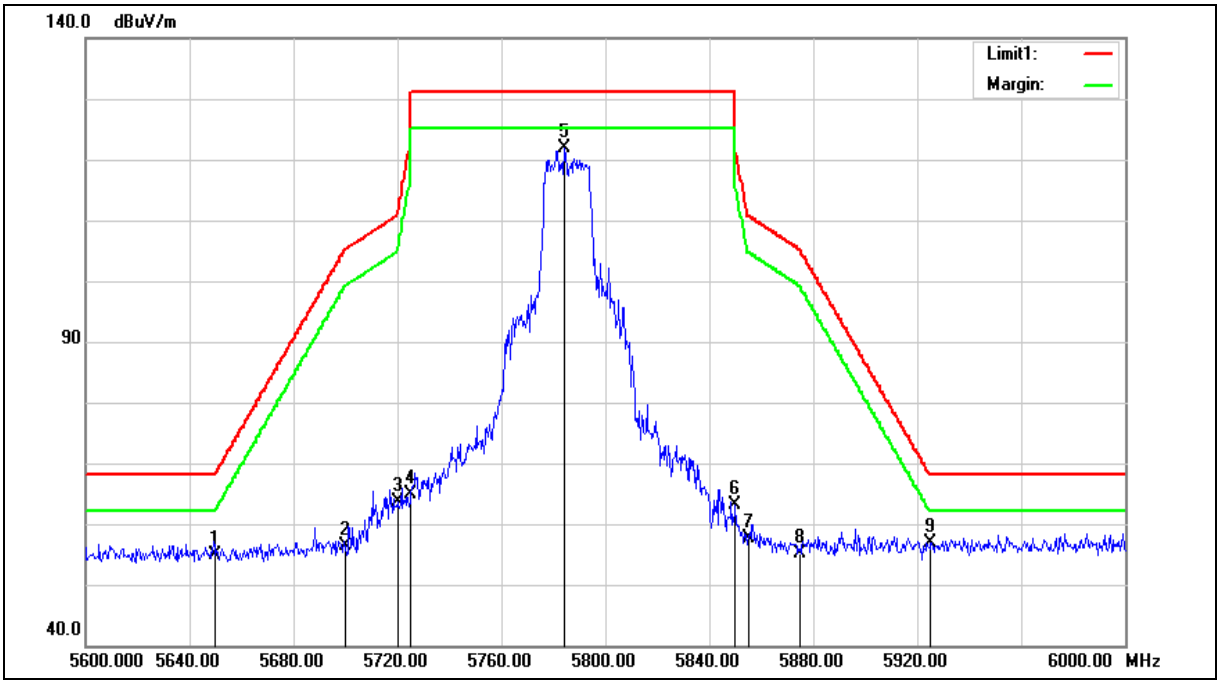
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.18	7.42	54.60	68.20	-13.60	peak
2	5700.000	47.31	7.52	54.83	105.20	-50.37	peak
3	5720.000	47.03	7.56	54.59	110.80	-56.21	peak
4	5725.000	48.78	7.57	56.35	122.20	-65.85	peak
5	5786.800	103.04	7.71	110.75	---	---	peak
6	5850.000	48.16	7.83	55.99	122.20	-66.21	peak
7	5855.000	49.87	7.85	57.72	110.80	-53.08	peak
8	5875.000	49.10	7.88	56.98	105.20	-48.22	peak
9	5925.000	48.77	8.00	56.77	68.20	-11.43	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

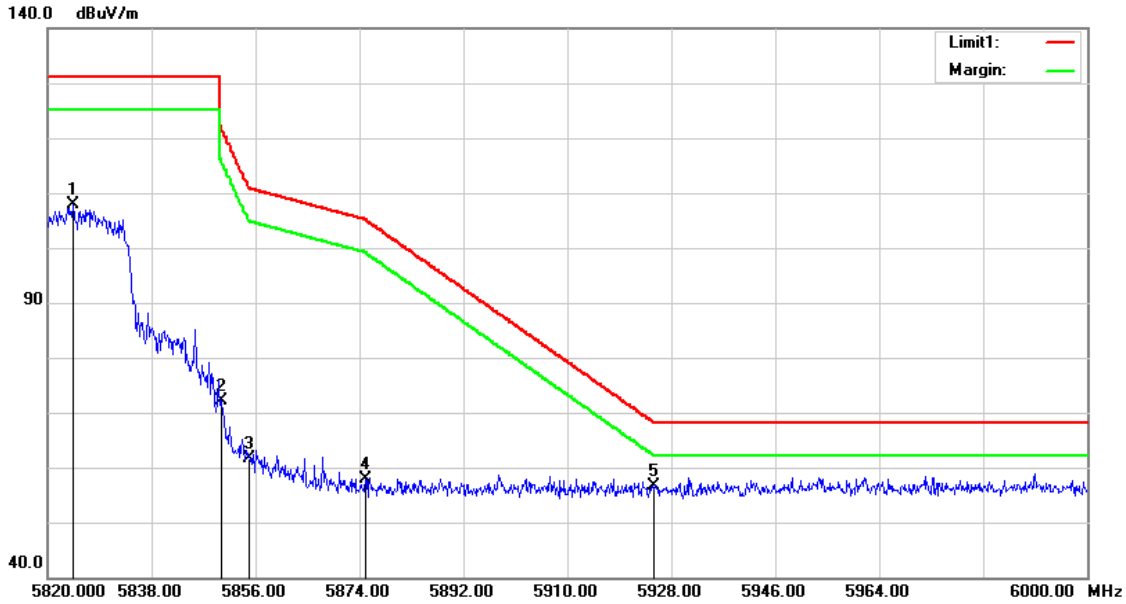
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.49	7.42	54.91	68.20	-13.29	peak
2	5700.000	48.82	7.52	56.34	105.20	-48.86	peak
3	5720.000	56.13	7.56	63.69	110.80	-47.11	peak
4	5725.000	57.33	7.57	64.90	122.20	-57.30	peak
5	5784.000	114.11	7.69	121.80	---	---	peak
6	5850.000	55.32	7.83	63.15	122.20	-59.05	peak
7	5855.000	49.78	7.85	57.63	110.80	-53.17	peak
8	5875.000	47.23	7.88	55.11	105.20	-50.09	peak
9	5925.000	48.77	8.00	56.77	68.20	-11.43	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



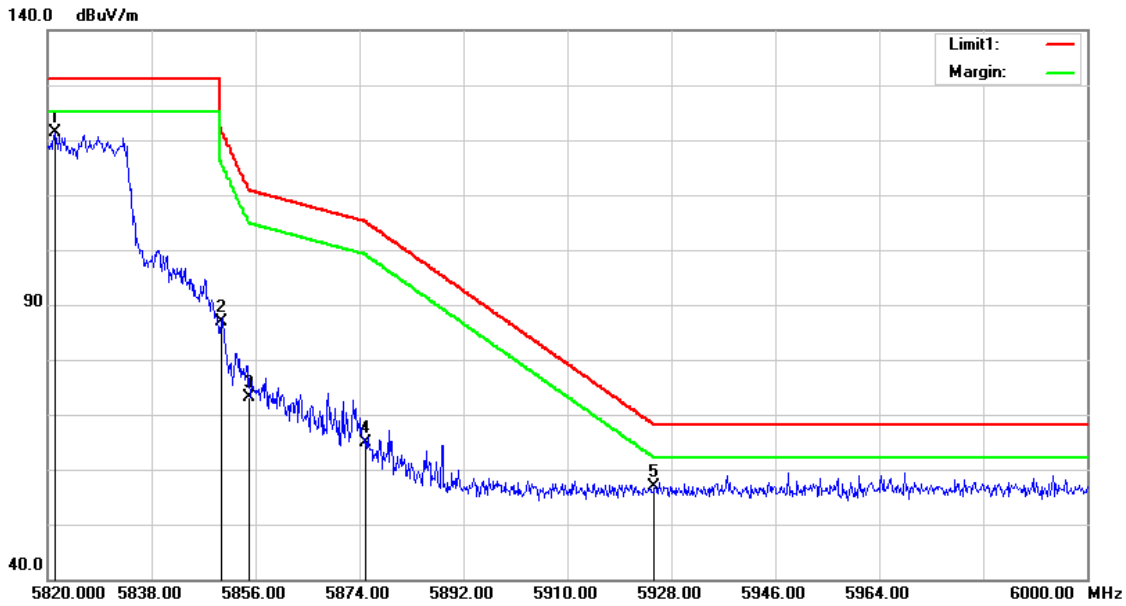
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5824.500	100.21	7.78	107.99	---	---	peak
2	5850.000	64.36	7.83	72.19	122.20	-50.01	peak
3	5855.000	53.84	7.85	61.69	110.80	-49.11	peak
4	5875.000	49.96	7.88	57.84	105.20	-47.36	peak
5	5925.000	48.52	8.00	56.52	68.20	-11.68	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



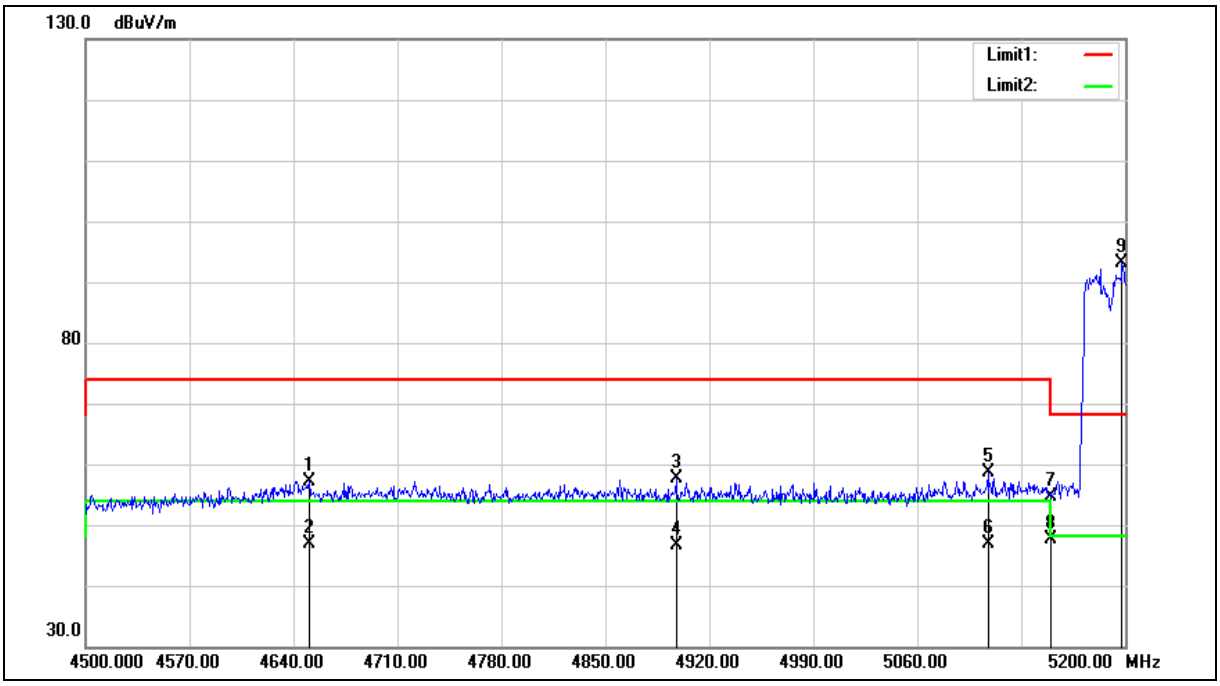
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5821.260	113.53	7.77	121.30	---	---	peak
2	5850.000	79.17	7.83	87.00	122.20	-35.20	peak
3	5855.000	65.24	7.85	73.09	110.80	-37.71	peak
4	5875.000	57.02	7.88	64.90	105.20	-40.30	peak
5	5925.000	48.86	8.00	56.86	68.20	-11.34	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

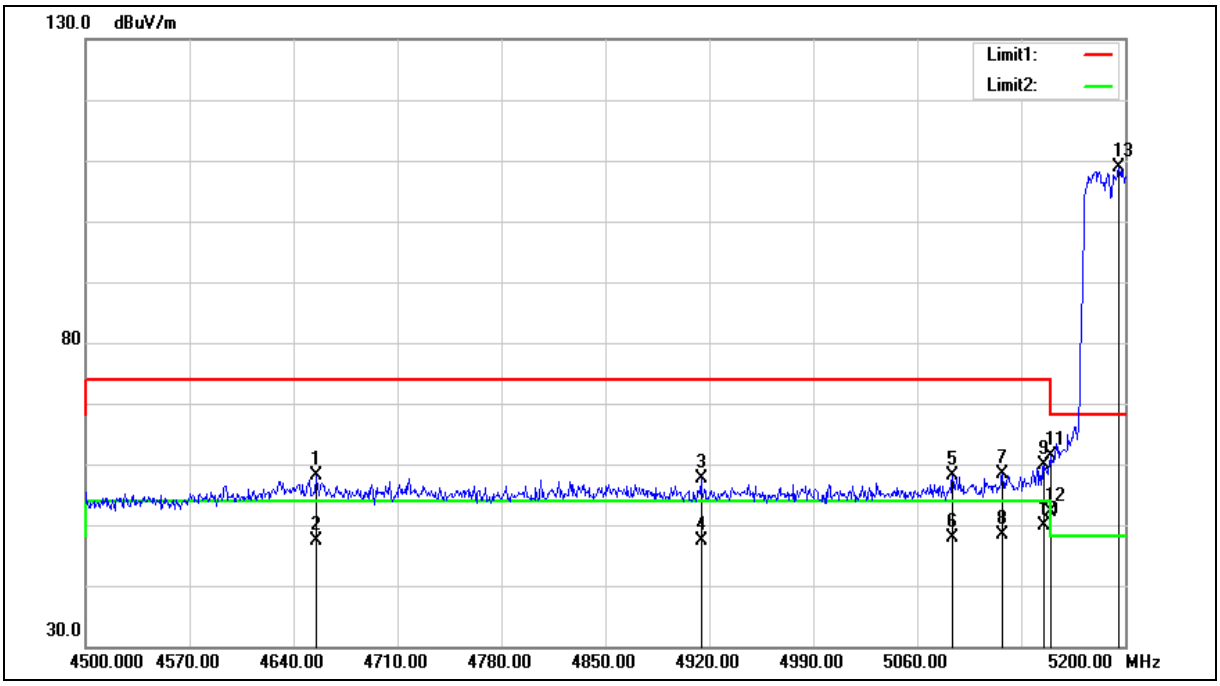
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4650.500	51.91	5.24	57.15	74.00	-16.85	peak
2	4650.500	41.68	5.24	46.92	54.00	-7.08	AVG
3	4897.600	51.96	5.71	57.67	74.00	-16.33	peak
4	4897.600	40.82	5.71	46.53	54.00	-7.47	AVG
5	5107.600	52.50	6.17	58.67	74.00	-15.33	peak
6	5107.600	40.78	6.17	46.95	54.00	-7.05	AVG
7	5150.000	48.40	6.27	54.67	74.00	-19.33	peak
8	5150.000	41.26	6.27	47.53	54.00	-6.47	AVG
9	5197.900	86.68	6.38	93.06	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5190 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

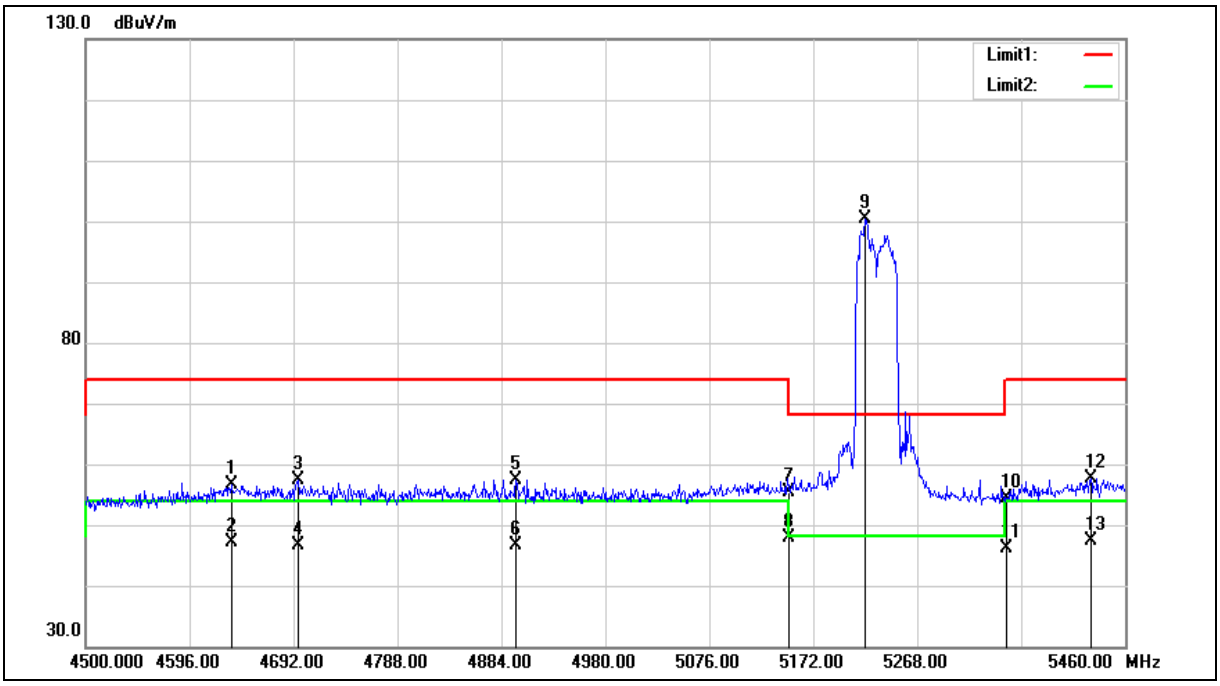
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4655.400	52.79	5.25	58.04	74.00	-15.96	peak
2	4655.400	42.08	5.25	47.33	54.00	-6.67	AVG
3	4914.400	51.80	5.75	57.55	74.00	-16.45	peak
4	4914.400	41.68	5.75	47.43	54.00	-6.57	AVG
5	5083.800	51.92	6.11	58.03	74.00	-15.97	peak
6	5083.800	41.80	6.11	47.91	54.00	-6.09	AVG
7	5117.400	52.11	6.20	58.31	74.00	-15.69	peak
8	5117.400	42.20	6.20	48.40	54.00	-5.60	AVG
9	5145.400	53.65	6.26	59.91	74.00	-14.09	peak
10	5145.400	43.60	6.26	49.86	54.00	-4.14	AVG
11	5150.000	55.02	6.27	61.29	74.00	-12.71	peak
12	5150.000	45.81	6.27	52.08	54.00	-1.92	AVG
13	5195.800	102.57	6.38	108.95	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

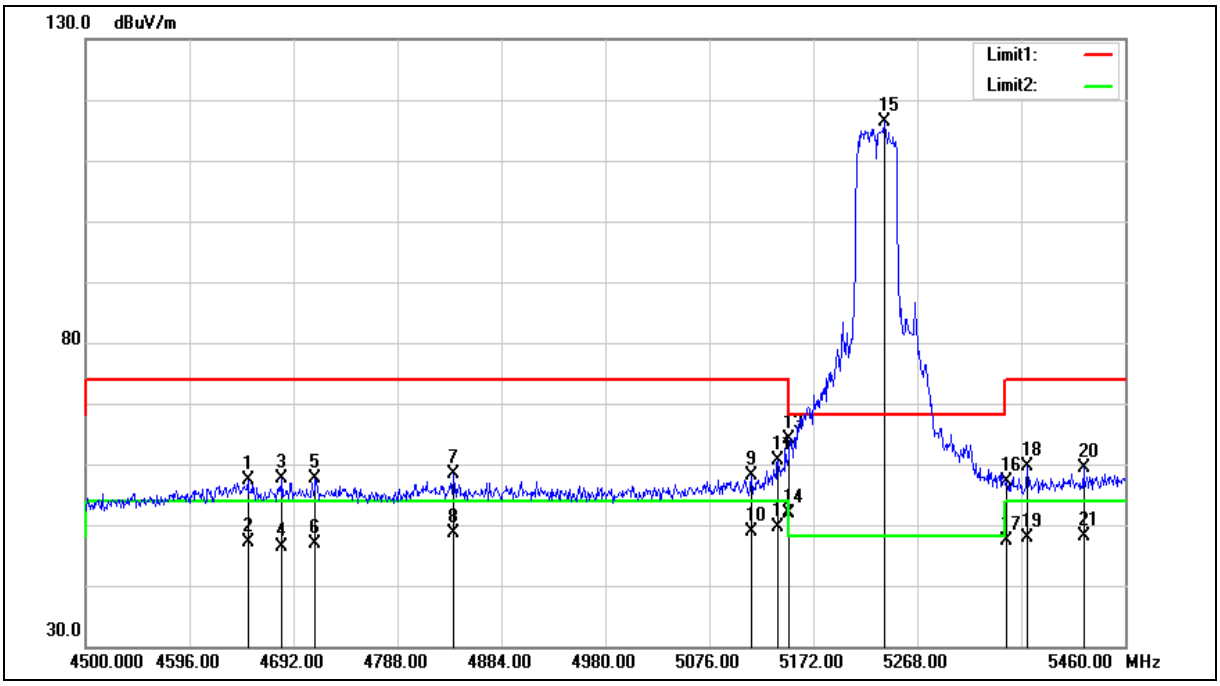
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4634.400	51.36	5.22	56.58	74.00	-17.42	peak
2	4634.400	41.90	5.22	47.12	54.00	-6.88	AVG
3	4695.840	52.05	5.32	57.37	74.00	-16.63	peak
4	4695.840	41.20	5.32	46.52	54.00	-7.48	AVG
5	4897.440	51.77	5.70	57.47	74.00	-16.53	peak
6	4897.440	41.01	5.70	46.71	54.00	-7.29	AVG
7	5150.000	49.10	6.27	55.37	74.00	-18.63	peak
8	5150.000	41.49	6.27	47.76	54.00	-6.24	AVG
9	5220.000	94.05	6.43	100.48	---	---	peak
10	5350.000	47.74	6.74	54.48	74.00	-19.52	peak
11	5350.000	39.39	6.74	46.13	54.00	-7.87	AVG
12	5428.320	50.69	6.93	57.62	74.00	-16.38	peak
13	5428.320	40.53	6.93	47.46	54.00	-6.54	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5230 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

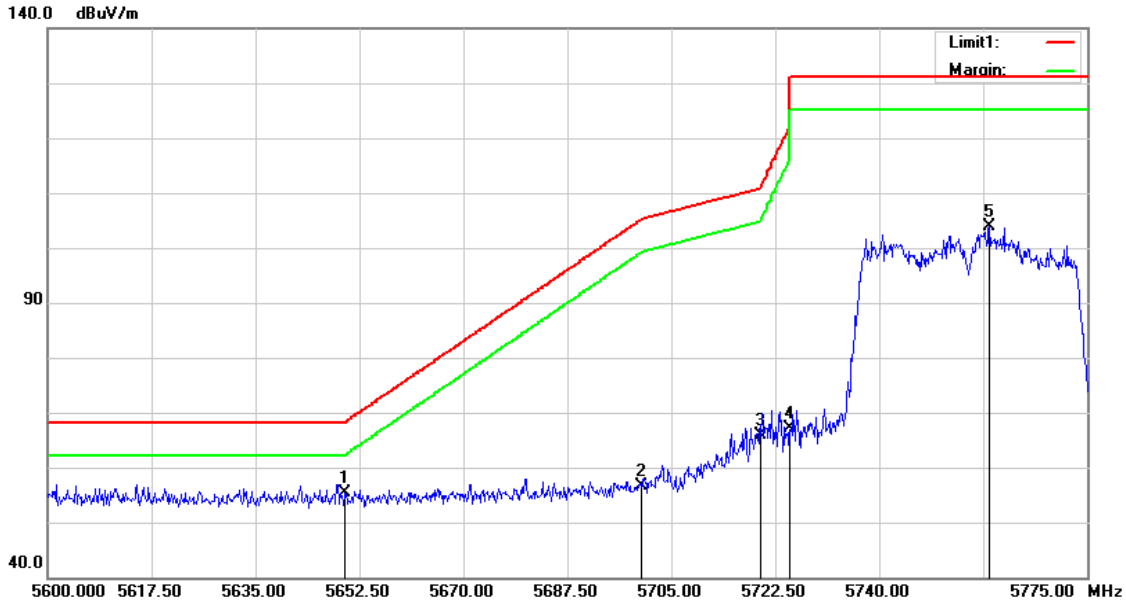
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4649.760	52.06	5.24	57.30	74.00	-16.70	peak
2	4649.760	41.91	5.24	47.15	54.00	-6.85	AVG
3	4681.440	52.38	5.30	57.68	74.00	-16.32	peak
4	4681.440	41.04	5.30	46.34	54.00	-7.66	AVG
5	4712.160	52.22	5.36	57.58	74.00	-16.42	peak
6	4712.160	41.61	5.36	46.97	54.00	-7.03	AVG
7	4839.840	52.82	5.61	58.43	74.00	-15.57	peak
8	4839.840	42.93	5.61	48.54	54.00	-5.46	AVG
9	5115.360	52.03	6.19	58.22	74.00	-15.78	peak
10	5115.360	42.58	6.19	48.77	54.00	-5.23	AVG
11	5139.360	54.32	6.25	60.57	74.00	-13.43	peak
12	5139.360	43.48	6.25	49.73	54.00	-4.27	AVG
13	5150.000	57.88	6.27	64.15	74.00	-9.85	peak
14	5150.000	45.54	6.27	51.81	54.00	-2.19	AVG
15	5237.280	109.90	6.47	116.37	---	---	peak
16	5350.000	50.40	6.74	57.14	74.00	-16.86	peak
17	5350.000	40.74	6.74	47.48	54.00	-6.52	AVG
18	5369.760	52.82	6.79	59.61	74.00	-14.39	peak
19	5369.760	40.97	6.79	47.76	54.00	-6.24	AVG
20	5421.600	52.47	6.92	59.39	74.00	-14.61	peak
21	5421.600	41.25	6.92	48.17	54.00	-5.83	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5755 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



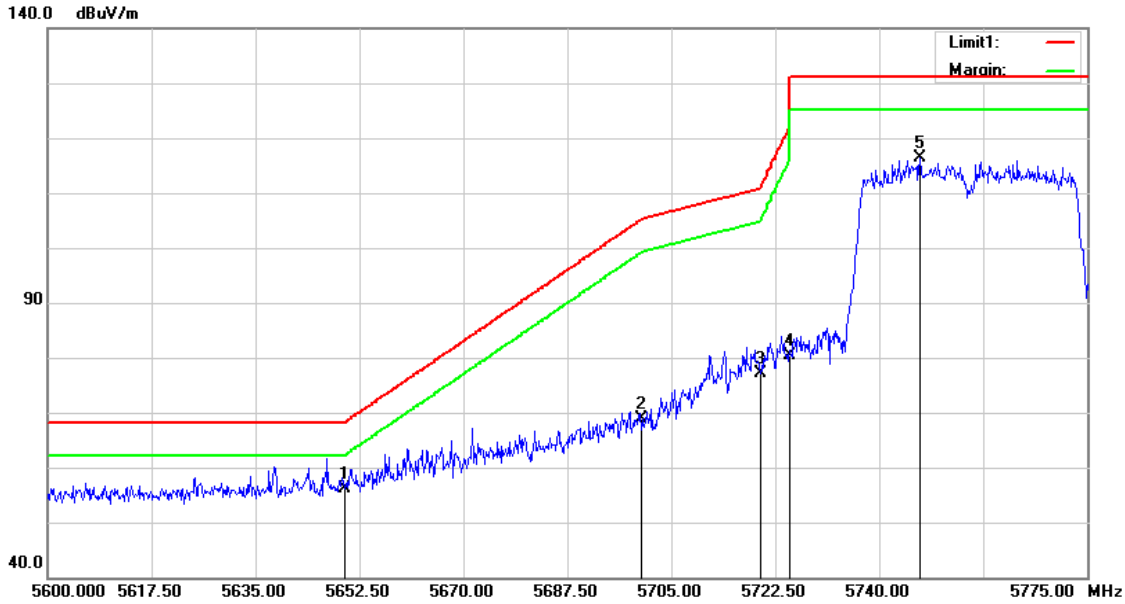
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.89	7.42	55.31	68.20	-12.89	peak
2	5700.000	49.06	7.52	56.58	105.20	-48.62	peak
3	5720.000	58.25	7.56	65.81	110.80	-44.99	peak
4	5725.000	59.59	7.57	67.16	122.20	-55.04	peak
5	5758.550	96.12	7.64	103.76	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5755 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



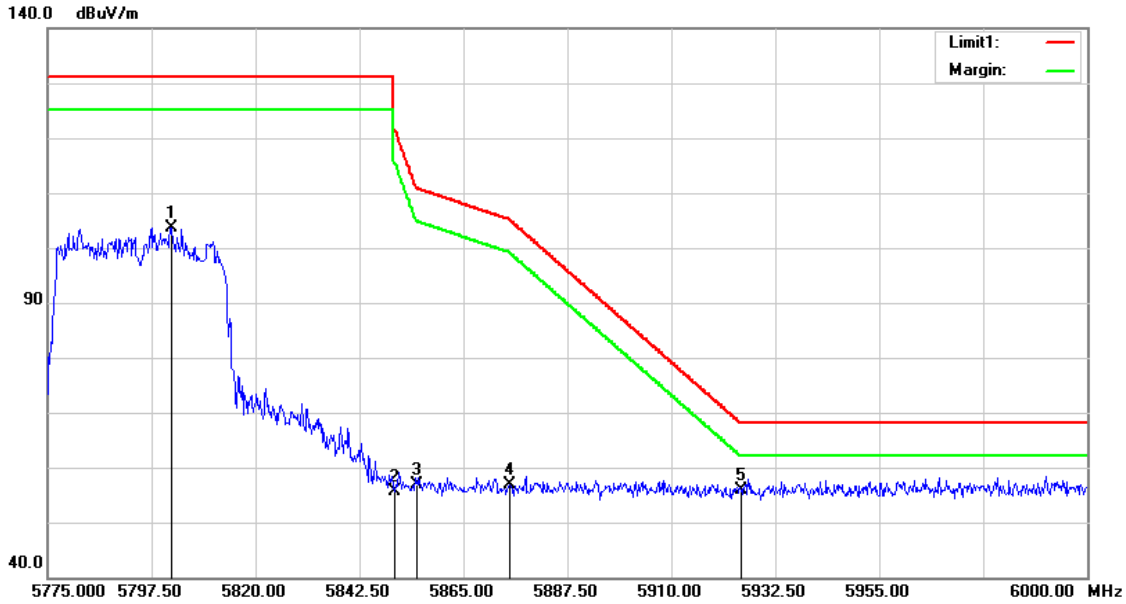
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	48.78	7.42	56.20	68.20	-12.00	peak
2	5700.000	61.41	7.52	68.93	105.20	-36.27	peak
3	5720.000	69.53	7.56	77.09	110.80	-33.71	peak
4	5725.000	72.87	7.57	80.44	122.20	-41.76	peak
5	5746.825	108.72	7.61	116.33	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5795 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



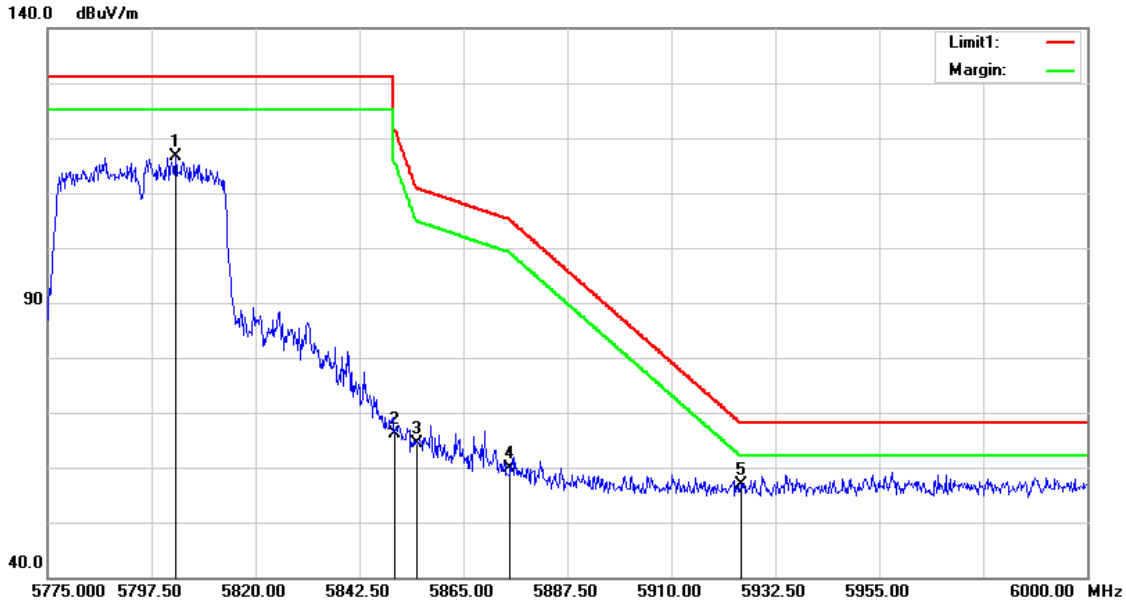
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5801.775	95.87	7.73	103.60	---	---	peak
2	5850.000	47.75	7.83	55.58	122.20	-66.62	peak
3	5855.000	48.93	7.85	56.78	110.80	-54.02	peak
4	5875.000	48.93	7.88	56.81	105.20	-48.39	peak
5	5925.000	47.92	8.00	55.92	68.20	-12.28	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5795 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



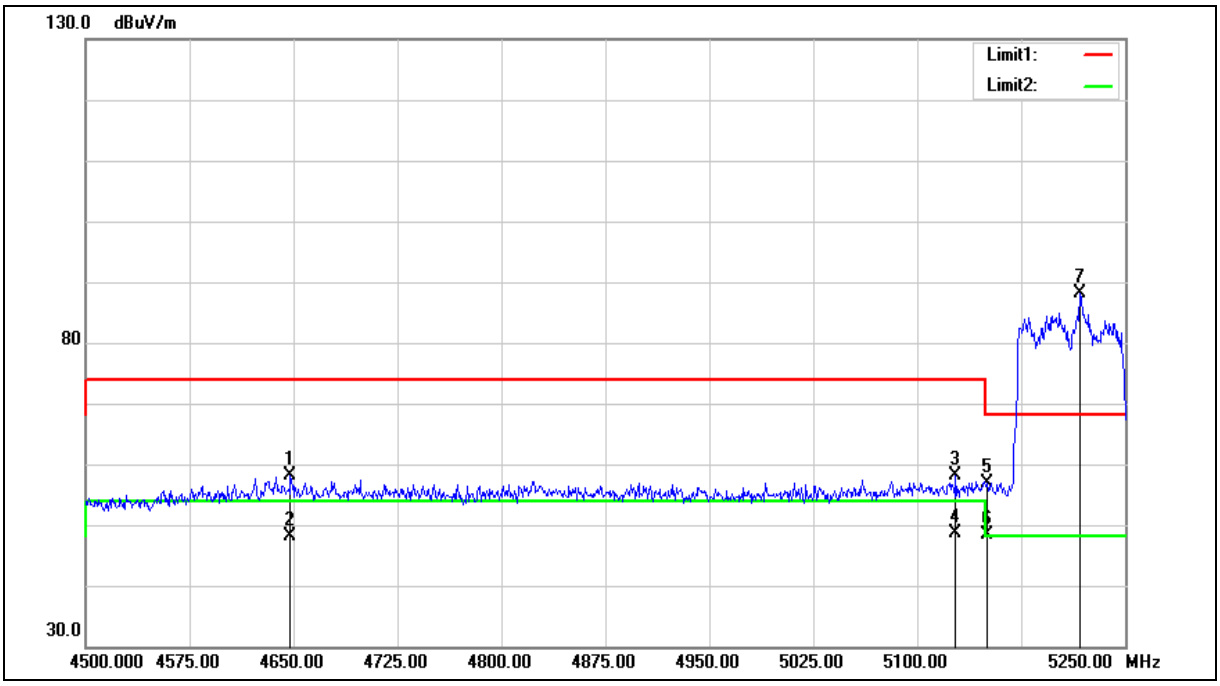
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5802.675	108.79	7.73	116.52	---	---	peak
2	5850.000	58.21	7.83	66.04	122.20	-56.16	peak
3	5855.000	56.55	7.85	64.40	110.80	-46.40	peak
4	5875.000	51.92	7.88	59.80	105.20	-45.40	peak
5	5925.000	48.95	8.00	56.95	68.20	-11.25	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

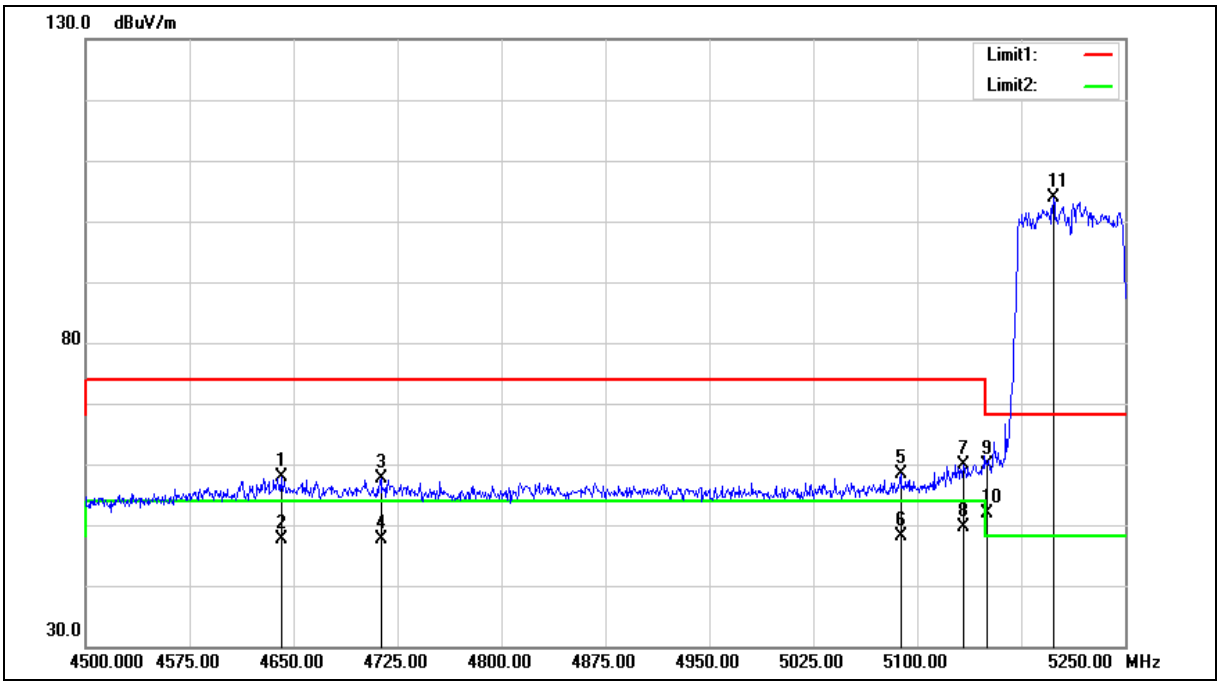
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4647.750	52.95	5.24	58.19	74.00	-15.81	peak
2	4647.750	42.97	5.24	48.21	54.00	-5.79	AVG
3	5127.750	51.86	6.22	58.08	74.00	-15.92	peak
4	5127.750	42.51	6.22	48.73	54.00	-5.27	AVG
5	5150.000	50.55	6.27	56.82	74.00	-17.18	peak
6	5150.000	42.22	6.27	48.49	54.00	-5.51	AVG
7	5217.000	81.76	6.43	88.19	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

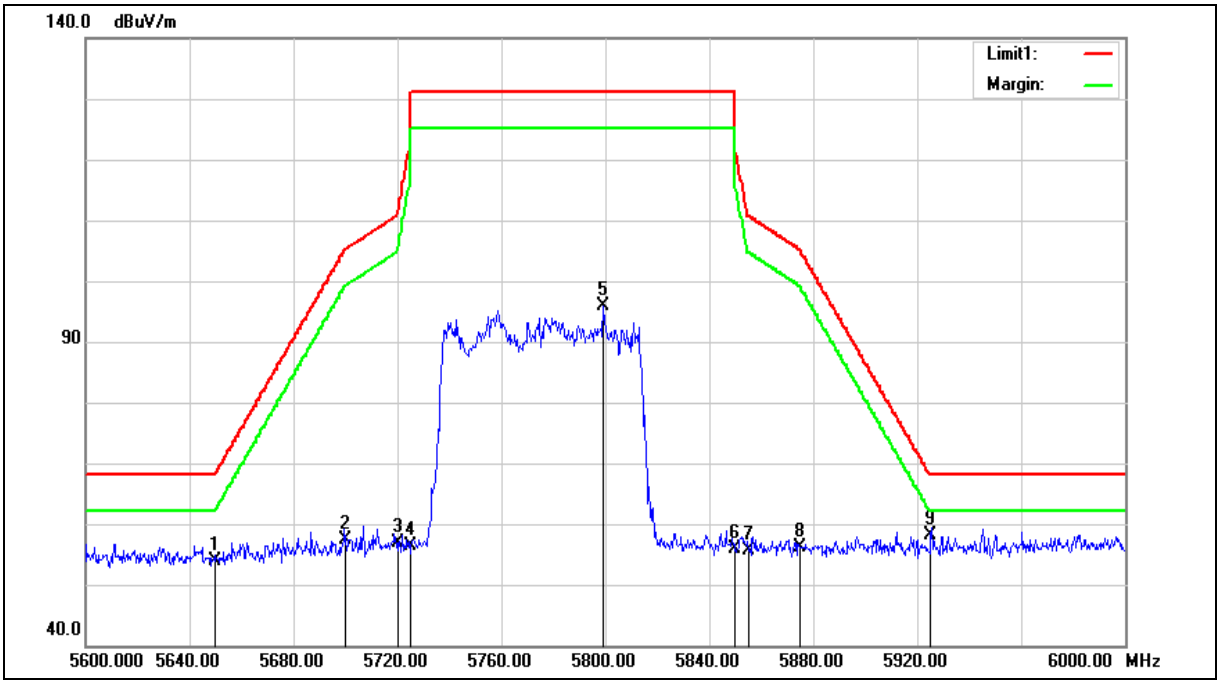
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4641.000	52.55	5.23	57.78	74.00	-16.22	peak
2	4641.000	42.49	5.23	47.72	54.00	-6.28	AVG
3	4713.000	52.15	5.37	57.52	74.00	-16.48	peak
4	4713.000	42.14	5.37	47.51	54.00	-6.49	AVG
5	5088.000	52.30	6.13	58.43	74.00	-15.57	peak
6	5088.000	42.02	6.13	48.15	54.00	-5.85	AVG
7	5133.750	53.68	6.23	59.91	74.00	-14.09	peak
8	5133.750	43.39	6.23	49.62	54.00	-4.38	AVG
9	5150.000	53.56	6.27	59.83	74.00	-14.17	peak
10	5150.000	45.64	6.27	51.91	54.00	-2.09	AVG
11	5198.250	97.51	6.38	103.89	---	---	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

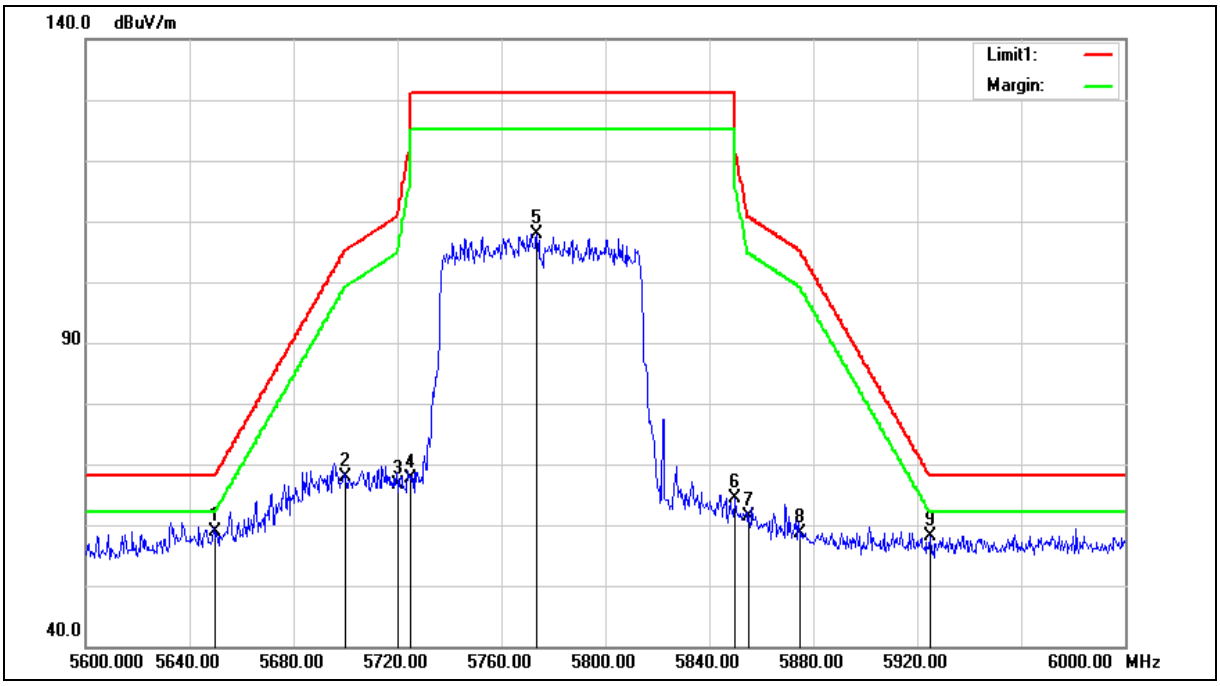
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.37	7.42	53.79	68.20	-14.41	peak
2	5700.000	49.90	7.52	57.42	105.20	-47.78	peak
3	5720.000	49.31	7.56	56.87	110.80	-53.93	peak
4	5725.000	48.71	7.57	56.28	122.20	-65.92	peak
5	5799.200	88.18	7.73	95.91	---	---	peak
6	5850.000	47.97	7.83	55.80	122.20	-66.40	peak
7	5855.000	47.76	7.85	55.61	110.80	-55.19	peak
8	5875.000	48.18	7.88	56.06	105.20	-49.14	peak
9	5925.000	50.19	8.00	58.19	68.20	-10.01	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	51.43	7.42	58.85	68.20	-9.35	peak
2	5700.000	60.46	7.52	67.98	105.20	-37.22	peak
3	5720.000	59.05	7.56	66.61	110.80	-44.19	peak
4	5725.000	59.94	7.57	67.51	122.20	-54.69	peak
5	5773.600	100.15	7.68	107.83	---	---	peak
6	5850.000	56.65	7.83	64.48	122.20	-57.72	peak
7	5855.000	53.54	7.85	61.39	110.80	-49.41	peak
8	5875.000	50.74	7.88	58.62	105.20	-46.58	peak
9	5925.000	50.09	8.00	58.09	68.20	-10.11	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

Annex C. Conducted Test Results

Maximum Conducted Output Power

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode						
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-0+1		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	6 M	15.04	0.032	14.19	0.026	17.65	0.058	≤ 27.00
5200		18.81	0.076	18.12	0.065	21.49	0.141	
5220		18.80	0.076	18.29	0.067	21.56	0.143	
5240		18.85	0.077	18.45	0.070	**21.66**	**0.147**	
5745		20.47	0.111	20.37	0.109	**23.43**	**0.220**	≤ 27.00
5765		20.36	0.109	20.15	0.104	23.27	0.212	
5785		20.35	0.108	20.00	0.100	23.19	0.208	
5805		20.32	0.108	20.00	0.100	23.17	0.208	
5825		20.36	0.109	20.05	0.101	23.22	0.210	

Test Mode		Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode						
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-0+1		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	13 M	15.15	0.033	14.10	0.026	17.67	0.058	≤ 23.99
5200		18.86	0.077	18.23	0.067	21.57	0.143	
5220		18.84	0.077	18.34	0.068	21.61	0.145	
5240		18.94	0.078	18.41	0.069	**21.69**	**0.148**	
5745		20.40	0.110	20.44	0.111	**23.43**	**0.220**	≤ 23.99
5765		20.36	0.109	20.20	0.105	23.29	0.213	
5785		20.41	0.110	20.12	0.103	23.28	0.213	
5805		20.37	0.109	19.99	0.100	23.19	0.209	
5825		20.39	0.109	20.03	0.101	23.22	0.210	

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode						
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-0+1		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190	27 M	9.80	0.010	8.83	0.008	12.35	0.017	≤ 23.99
5230		16.90	0.049	16.23	0.042	**19.59**	**0.091**	
5755		17.86	0.061	17.83	0.061	**20.86**	**0.122**	≤ 23.99
5795		17.93	0.062	17.53	0.057	20.74	0.119	

Test Mode		Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode						
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-0+1		FCC Limit (dBm)
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5210	58.6 M	6.38	0.004	5.78	0.004	**9.10**	**0.008**	≤ 23.99
5775		12.47	0.018	12.29	0.017	**15.39**	**0.035**	≤ 23.99

Note: The relevant measured result has the offset with cable loss already.