

RF Test Report

Applicant : Toast, Incorporated

Product Type : Handheld Tablet

Trade Name : Toast Go TM

Model Number : TG200

Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013

Received Date : Jan. 09, 2020

Test Period : Jan. 16 ~ Mar. 06, 2020

Issued Date : Mar. 24, 2020

Issued by

A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330
Test Firm MRA designation number: TW0010

Note:

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- 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.	Issued Date	Revisions	Revised By
00	Feb. 20, 2020	Initial Issue	Tobey Cheng
01	Mar. 09, 2020	Page 16 Added Configuration of Test System Details. Page 17 Revised Test Instruments. Page 111~112 Added Simultaneous Transmitting. Added Simultaneous Transmitting Test Photographs.	Tobey Cheng
02	Mar. 24, 2020	Page 16 Added Note.	Tobey Cheng

Verification of Compliance

Issued Date: Mar. 24, 2020

Applicant : Toast, Incorporated
Product Type : Handheld Tablet
Trade Name : Toast Go TM
Model Number : TG200
FCC ID : 2AMNG-TG200
EUT Rated Voltage : DC 5.2 V, 2 A
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.
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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

(Manager)

(Fly Lu)

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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	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	---

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	2.68
Radiated Emission	9 kHz ~ 30 MHz	2.14
	30 MHz ~ 1000 MHz	4.99
	1000 MHz ~ 18000 MHz	4.99
	18000 MHz ~ 26500 MHz	4.23
	26500 MHz ~ 40000 MHz	4.39
Conducted Output Power		0.92 dB
RF Bandwidth		4.79 %
Power Spectral Density		0.92 dB
Frequency Stability		4.1×10^{-8}
Duty Cycle		1.06 %
Time Occupancy		1.40 %

Decision Rule

- ☒ Uncertainty is not included.
- ☐ Uncertainty is included.



2 EUT Description

Applicant	Toast, Incorporated 401 Park Drive, Suite 801, Boston, MA 02215., Boston, Massachusetts, United States			
Manufacturer	InnoComm Mobile Technology Corp., 3F, No. 6, HsinAnn Rd., Hsinchu Science Park, Hsinchu City 30078,Taiwan			
Product Type	Handheld Tablet			
Trade Name	Toast Go ™			
Model No.	TG200			
FCC ID	2AMNG-TG200			
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels
	IEEE 802.11a	U-NII Band I	5180 – 5240	3
		U-NII Band II-A	5260 – 5320	3
		U-NII Band II-C	5500 – 5700	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 II-A	5260 – 5320	3
		U-NII Band II-C	5500 – 5700	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 II-A	5270 – 5310	2
		U-NII Band II-C	5510 – 5670	3
		U-NII Band III	5755 – 5795	2
	IEEE 802.11ac 80 MHz	U-NII Band I	5210	1
		U-NII Band II-A	5290	1
		U-NII Band II-C	5530	1
		U-NII Band III	5775	1
Modulation Type	OFDM			
Equipment Type	Client devices			
Antenna information	Model Number	Type	Max. Gain (dBi)	
	TG200	Monoploe Antenna	U-NII Band I	2.0
			U-NII Band II-A	3.0
			U-NII Band II-C	1.0
			U-NII Band III	1.0
Antenna Delivery	Reference section 3.1			
Operate Temp. Range	-10 ~ 50 ℃			



Frequency Band		RF Output Power (W)
IEEE 802.11a	U-NII Band I	0.026
	U-NII Band II-A	0.028
	U-NII Band II-C	0.020
	U-NII Band III	0.027
IEEE 802.11ac 20 MHz	U-NII Band I	0.023
	U-NII Band II-A	0.023
	U-NII Band II-C	0.020
	U-NII Band III	0.022
IEEE 802.11ac 40 MHz	U-NII Band I	0.019
	U-NII Band II-A	0.019
	U-NII Band II-C	0.020
	U-NII Band III	0.018
IEEE 802.11ac 80 MHz	U-NII Band I	0.007
	U-NII Band II-A	0.008
	U-NII Band II-C	0.019
	U-NII Band III	0.018

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

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
Mode 2	V
Mode 3	V
Mode 4	V
Mode 5	V



Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 2	1TX	6	U-NII Band I	36, 40, 48
			U-NII Band II-A	52, 56, 64
			U-NII Band II-C	100, 112, 140
			U-NII Band III	149, 157, 165
Mode 3	1TX	6.5	U-NII Band I	36, 40, 48
			U-NII Band II-A	52, 56, 64
			U-NII Band II-C	100, 112, 140
			U-NII Band III	149, 157, 165
Mode 4	1TX	13.5	U-NII Band I	38, 46
			U-NII Band II-A	54, 62
			U-NII Band II-C	102, 110, 134
			U-NII Band III	151, 159
Mode 5	1TX	29.3	U-NII Band I	42
			U-NII Band II-A	58
			U-NII Band II-C	106
			U-NII Band III	155

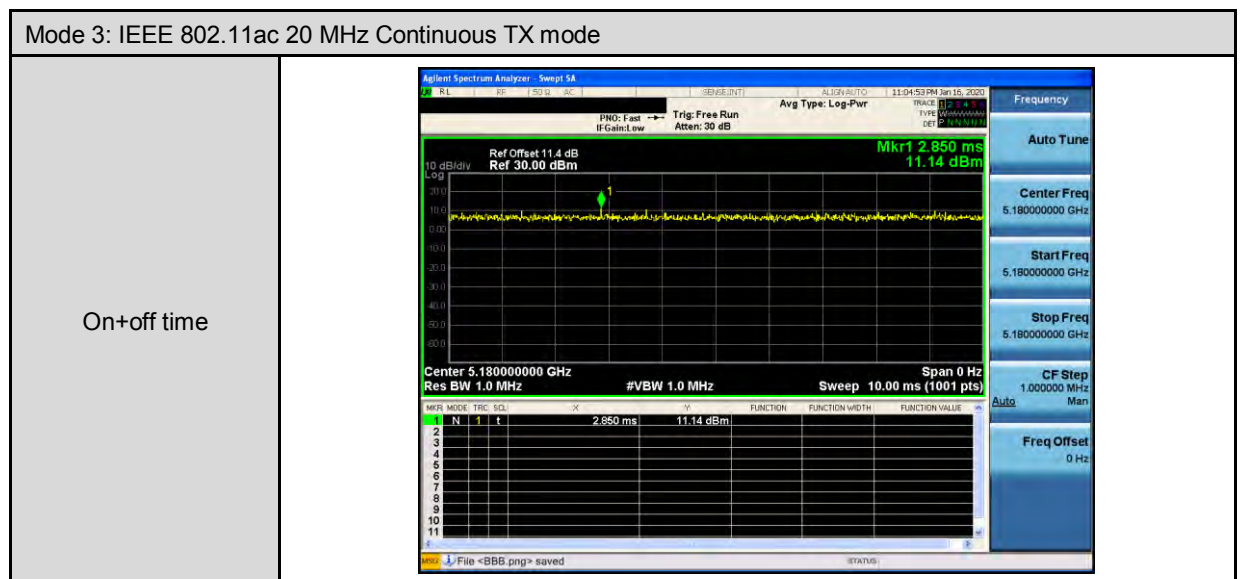
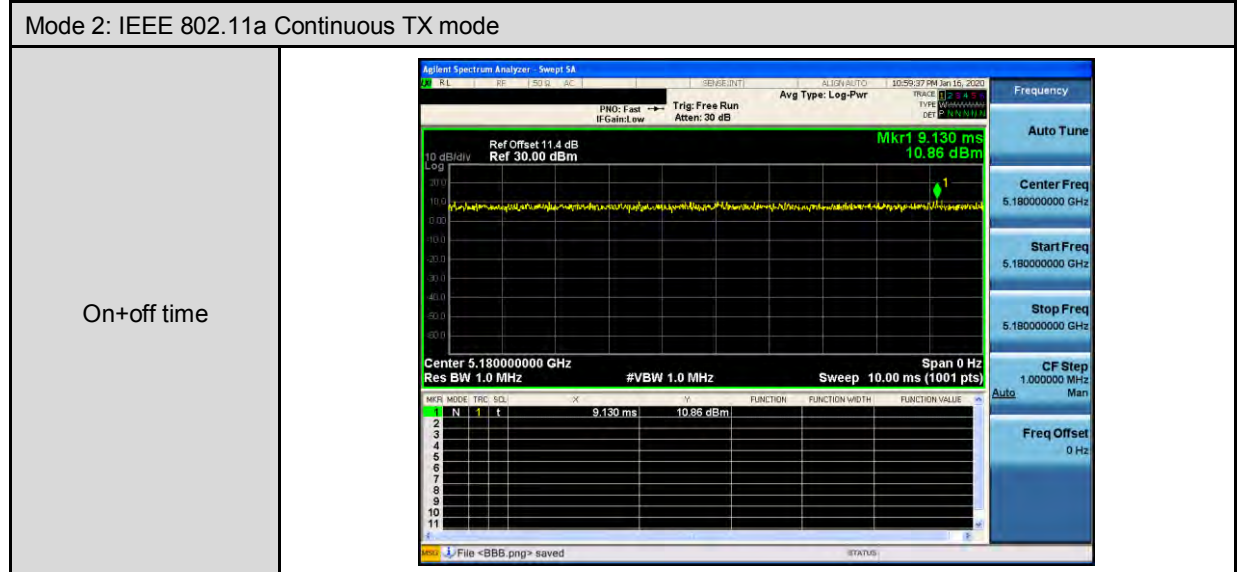


Duty cycle

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	10.000	10.000	1.000	0.000	0.010
Mode 3	5180.0	10.000	10.000	1.000	0.000	0.010
Mode 4	5190.0	10.000	10.000	1.000	0.000	0.010
Mode 5	5210.0	10.000	10.000	1.000	0.000	0.010

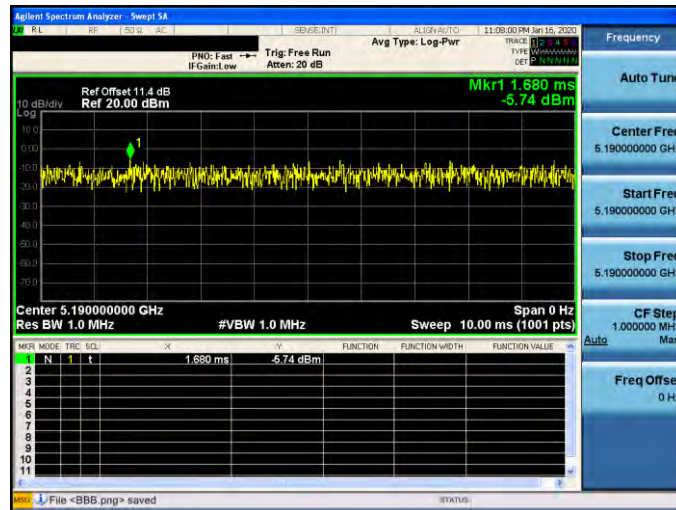


Duty Cycle Graphs



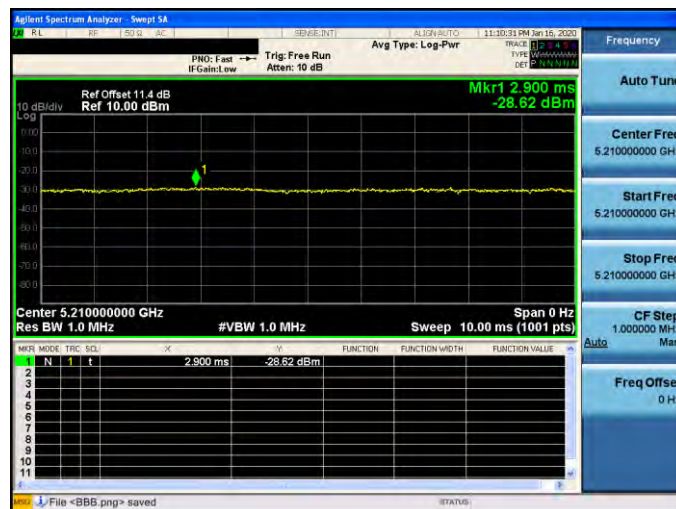
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode

On+off time



Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode

On+off time



3.2. EUT Test Step

The EUT is operated in the engineering mode to fix the TX frequency for the purposes of measurement.

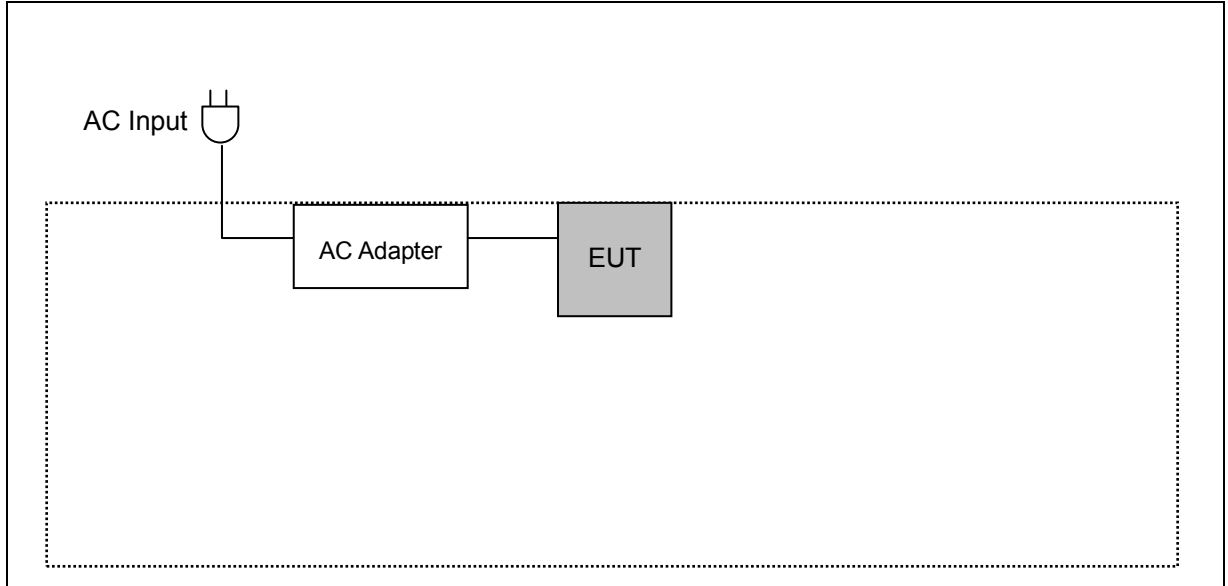
According to its specifications, the EUT must comply with the requirements of Section 15.407 under the FCC Rules Part 15 Subpart E.

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

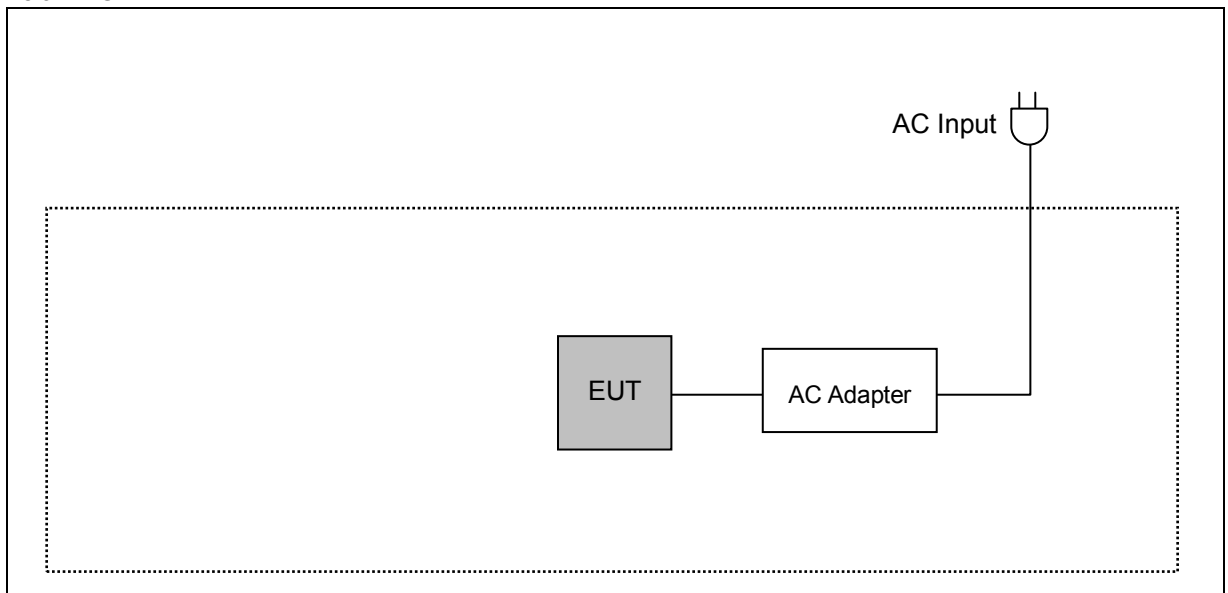
3.3. Configuration of Test System Details

Conducted Emission

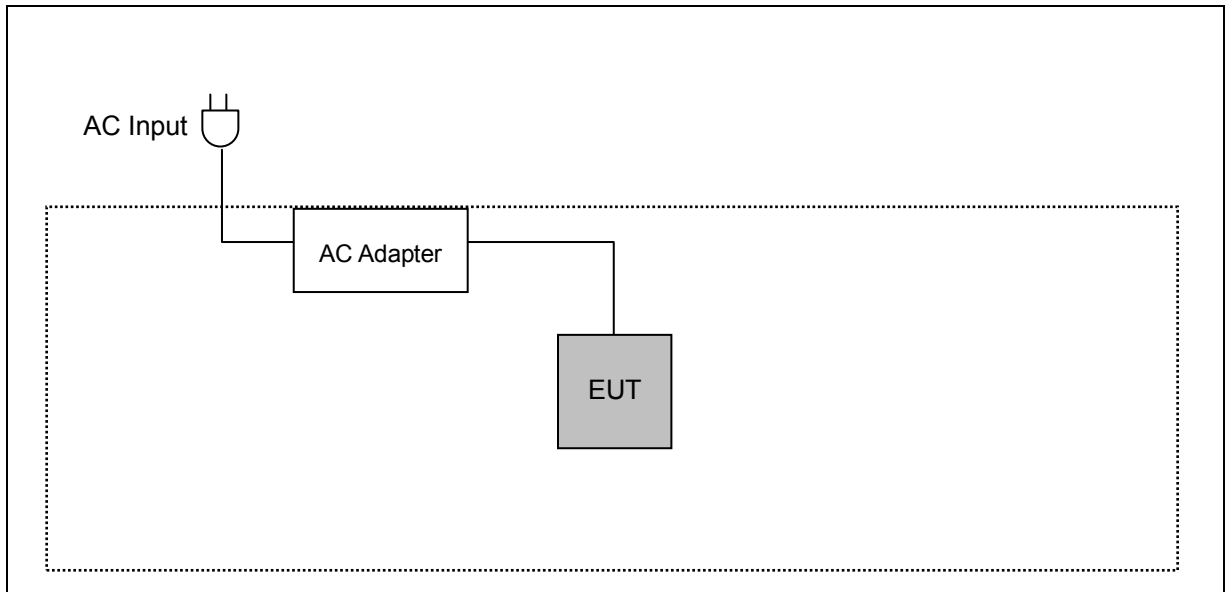


Radiated Emission

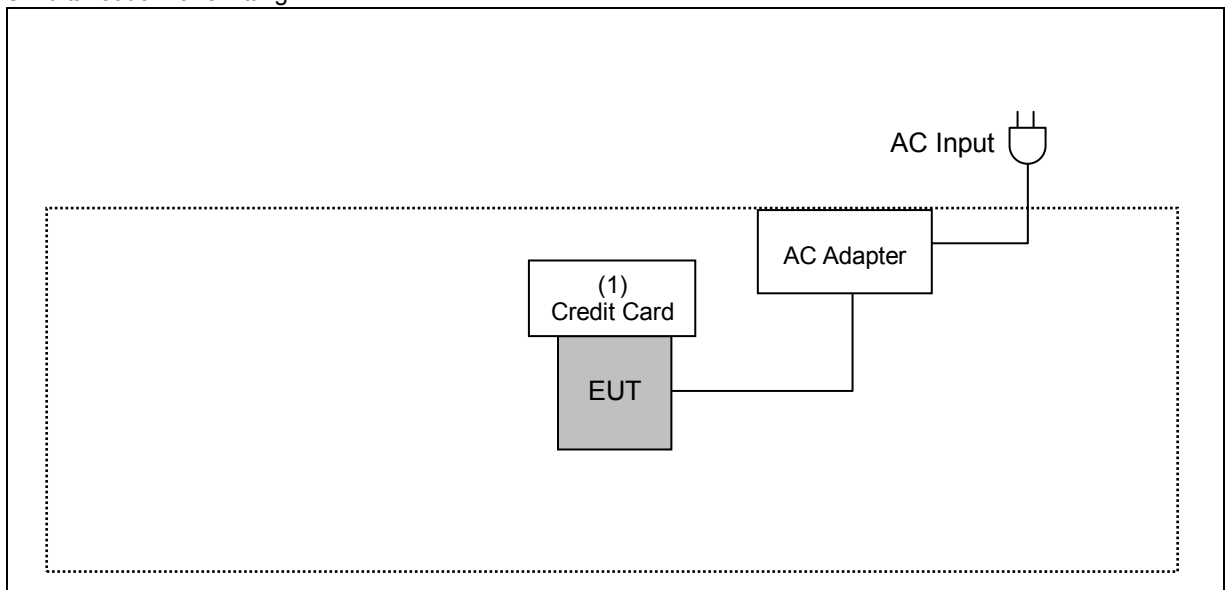
Below 1 GHz



Above 1 GHz



Simultaneous Transmitting



Devices Description					
	Product	Manufacturer	Model Number	Serial Number	Power Cord
(1)	Credit Card	E.SUNBANK	---	---	---

Note : Card reader with 13.56 MHz / BT can be used for simultaneous transmission. Card reader information can be obtained from the user guide.

Card Reader FCC ID : 2AB7X-CHC2XBT.

3.4. Test Instruments

For Conducted Emission

Test Period: Feb. 03, 2020

Testing Engineer: Louis Shen

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
LISN	R&S	ENV216	101041	03/28/2019	1 year
RF Cable	Woken	00100D1380194M	TE-02-03	05/23/2019	1 year
Test Site	ATL	TE02	TE02	N.C.R.	-----

For Radiated Emissions

Test Period: Jan. 30 ~ Mar. 06, 2020

Testing Engineer: Ricky Liu

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9010A	MY52221312	01/13/2020	1 year
Pre Amplifier (1~26.5 GHz)	Agilent	8449B	3008A02237	10/18/2019	1 year
Pre Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	01/15/2020	1 year
Pre Amplifier (26.5~40 GHz)	EMCI	EMC2654045	980028	08/23/2019	1 year
Broadband Antenna	Schwarzbeck	VULB9168	416	10/23/2019	1 year
Horn Antenna (1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	08/22/2019	1 year
Horn Antenna (18~40 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	08/14/2019	1 year
RF Cable	EMCI	EMC104-N -N-6000	TE01-1	02/20/2019	1 year
Microwave Cable	EMCI	EMC104-SM -SM-13000	170814	10/29/2019	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: Jan. 16 ~ Feb. 03, 2020

Testing Engineer: Negi.Chiu

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	09/18/2019	1 year
Power Sensor	Anritsu	MA2411B	1126022	09/03/2019	1 year
Power Meter	Anritsu	ML2495A	1135009	09/03/2019	1 year

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

3.5. Test Site Environment

Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	20-30
Humidity (%RH)	25-75	45-75
Barometric pressure (mbar)	860-1060	990-1005

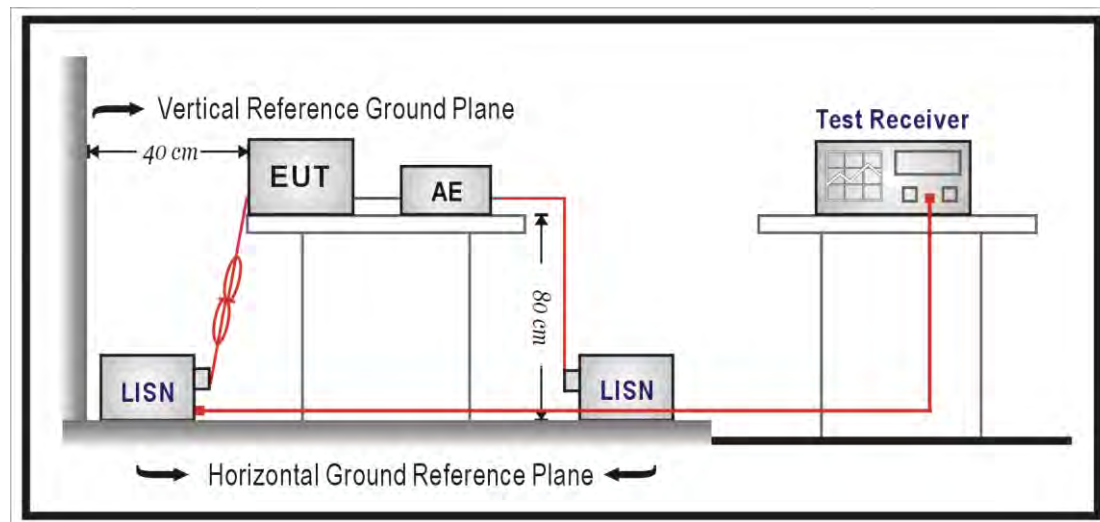
4 Measurement Procedure

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 $50\ \Omega // 50\ \mu\text{H}$ coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a $50\ \Omega // 50\ \mu\text{H}$ 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

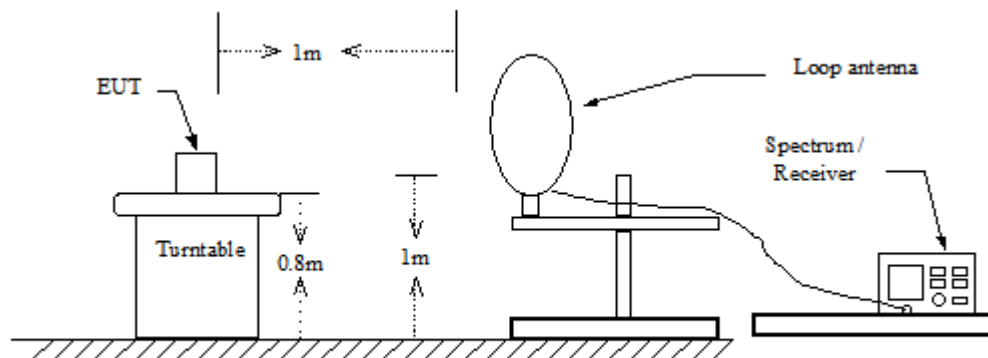
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

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

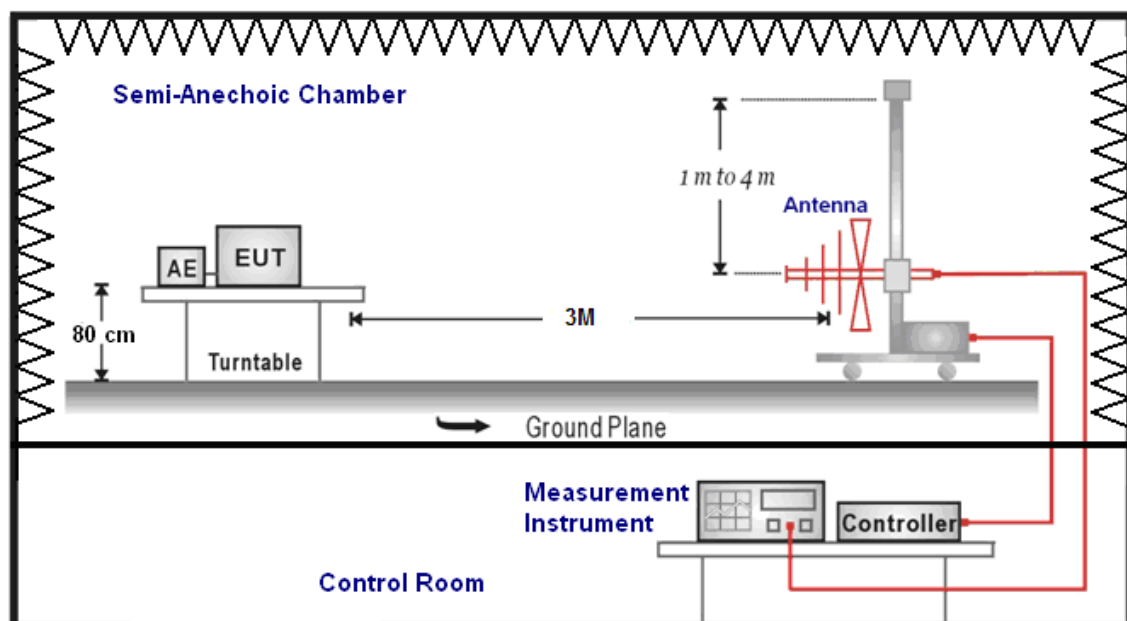
Note: 1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed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

■ Setup

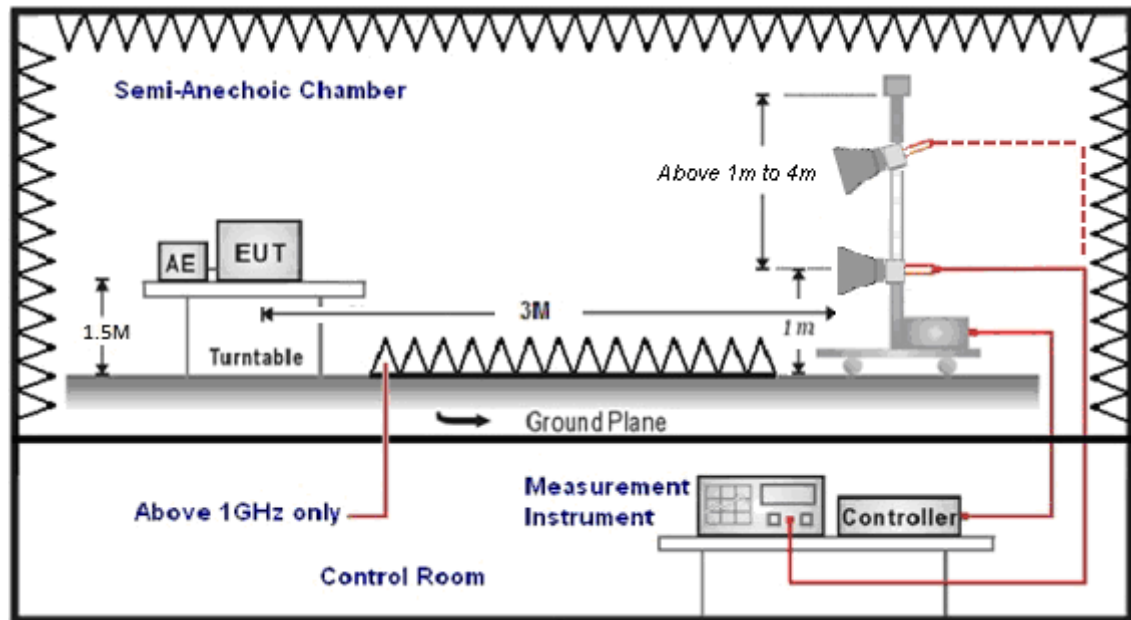
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



■ 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 three 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 antenna 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 per meter (uV/m).

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro volts 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) $\text{Amplitude (dBuV/m)} = \text{FI (dBuV)} + \text{AF (dBuV)} + \text{CL (dBuV)} - \text{Gain (dB)}$

FI= Reading of the field intensity.

AF= Antenna factor.

CL= Cable loss.

P.S Amplitude is auto calculate in spectrum analyzer.

(2) $\text{Actual Amplitude (dBuV/m)} = \text{Amplitude (dBuV)} - \text{Dis(dB)}$

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

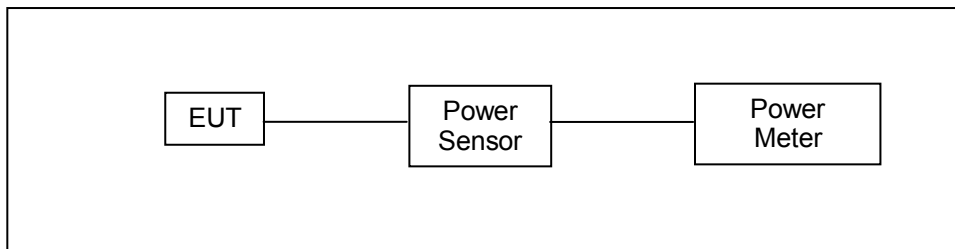
4.3. Maximum Conducted Output Power Measurement

■ Limit

Frequency Range (MHz)	FCC Maximum Conducted Output Power Limit
	Client
5.150 ~ 5.250 GHz	The lesser of 250 mW (24 dBm)
5.250 ~ 5.350 GHz	The lesser of 250 mW (24 dBm) or 11 dBm + 10 log (B)
5.470 ~ 5.725 GHz	The lesser of 250 mW (24 dBm) or 11 dBm + 10 log (B)
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,

■ 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)

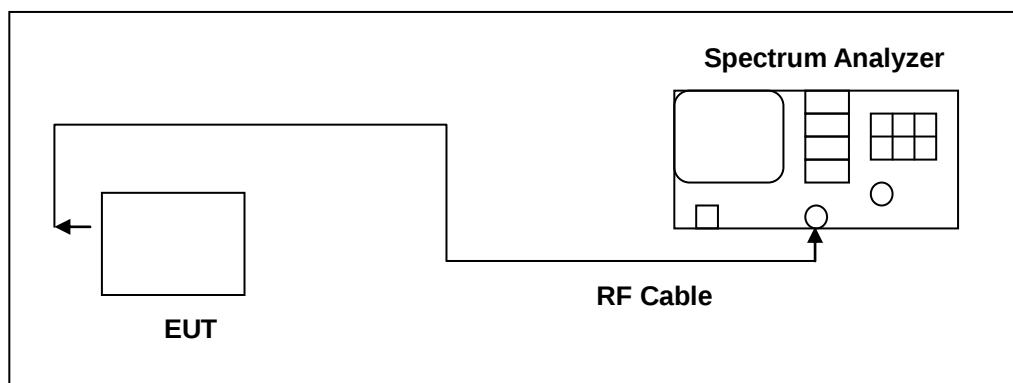
b) Method PM-G (Measurement using a gated RF average power meter)

4.4. 26 dB RF Bandwidth Measurement

■ **Limit**

N/A

■ **Test Setup**



■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.4.1 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

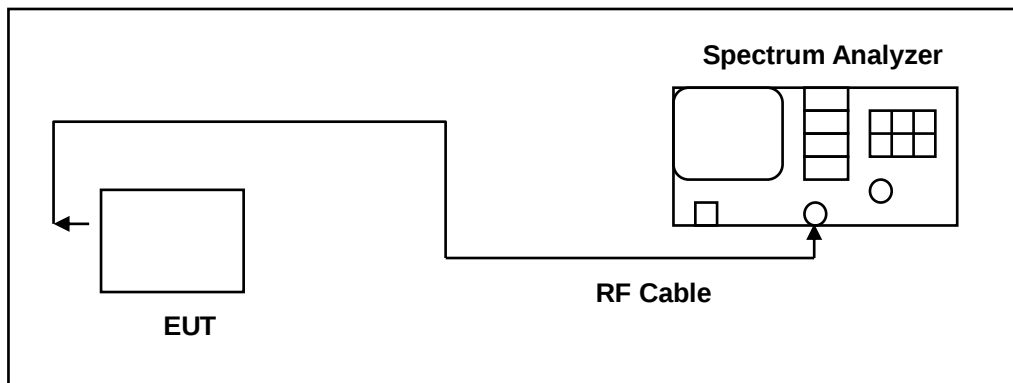
4.5. 6 dB RF Bandwidth Measurement

■ 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

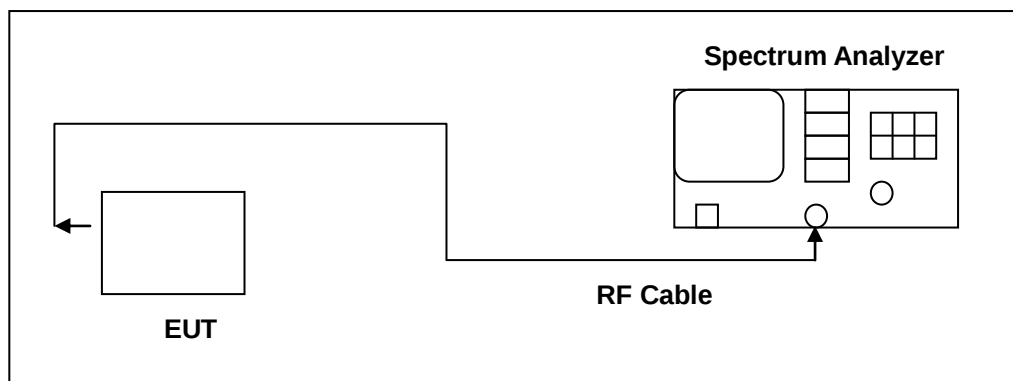
■ Limit

Conducted power spectral density

Frequency Range (MHz)	FCC Limit
	Client
5.150 ~ 5.250 GHz	11 dBm/MHz
5.250 ~ 5.350 GHz	11 dBm/MHz
5.470 ~ 5.725 GHz	11 dBm/MHz
5.725 ~ 5.850 GHz	30 dBm/500 kHz

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

■ 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 $10 \log(500 \text{ kHz}/100 \text{ kHz})$ 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.

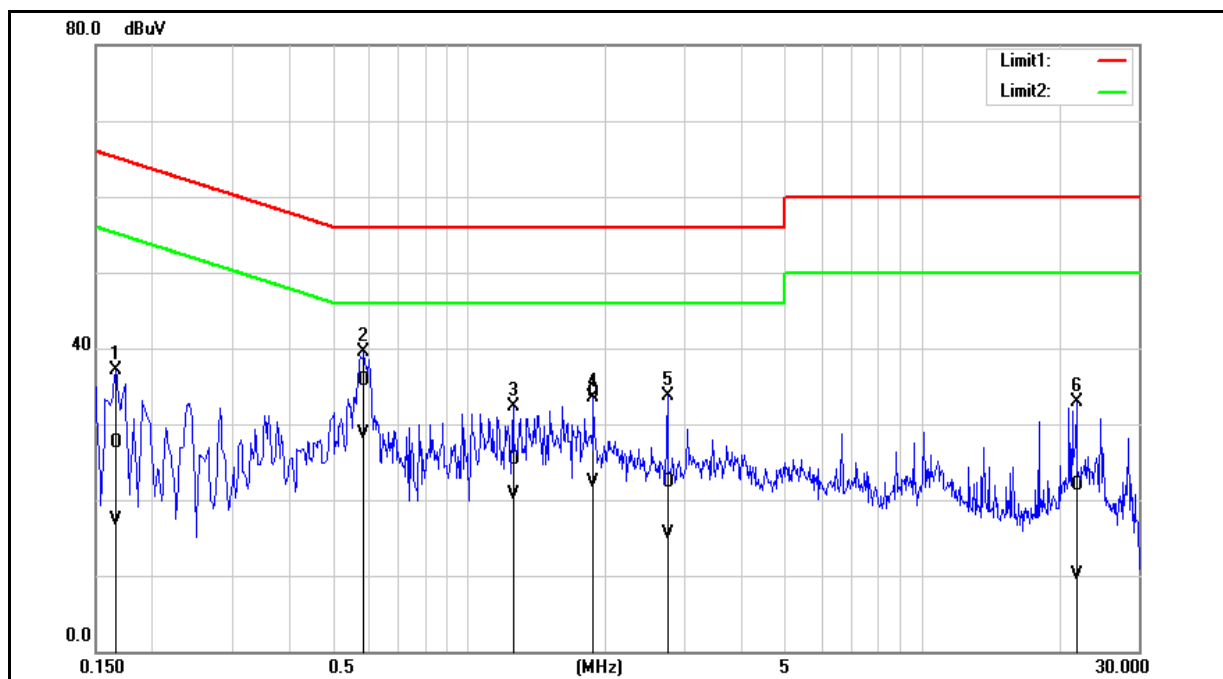
■ Antenna Connector Construction

See section 2 – antenna information.

5 Test Results

Annex A. Conducted Emission

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

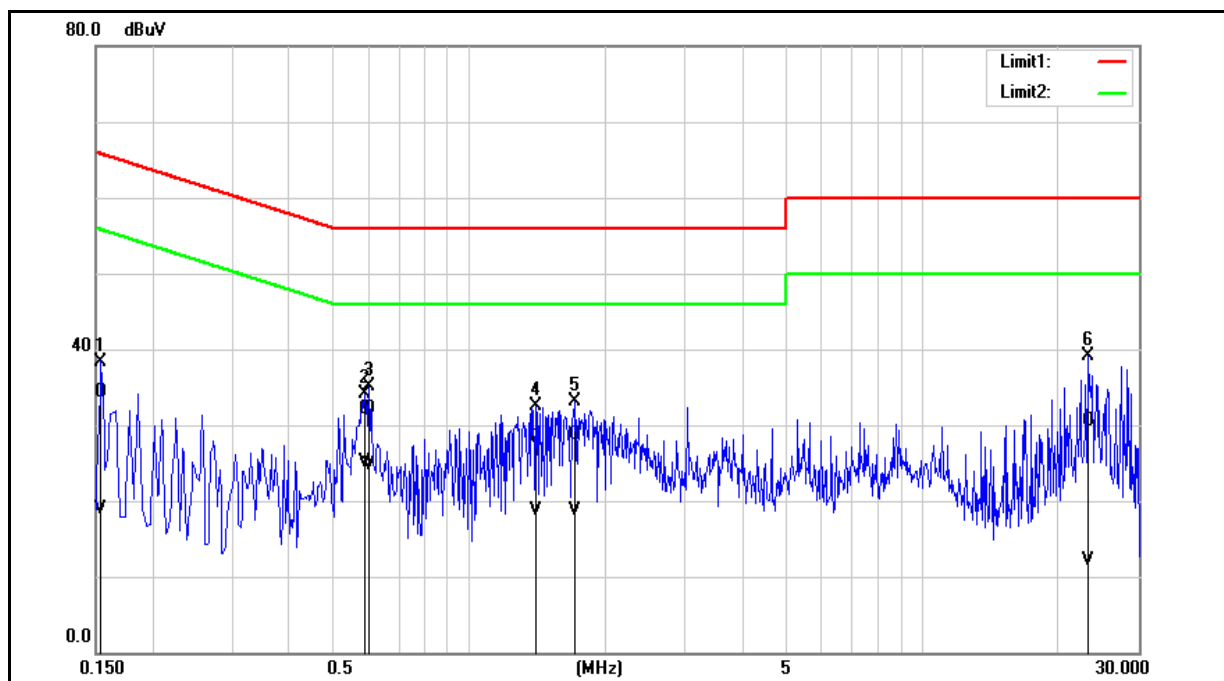


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1660	17.81	7.65	9.65	27.46	17.30	65.16	55.16	-37.70	-37.86	Pass
2	0.5860	26.13	19.06	9.66	35.79	28.72	56.00	46.00	-20.21	-17.28	Pass
3	1.2500	15.54	10.99	9.69	25.23	20.68	56.00	46.00	-30.77	-25.32	Pass
4	1.8820	24.45	12.63	9.72	34.17	22.35	56.00	46.00	-21.83	-23.65	Pass
5	2.7420	12.53	5.82	9.74	22.27	15.56	56.00	46.00	-33.73	-30.44	Pass
6	21.8860	11.86	0.13	10.03	21.89	10.16	60.00	50.00	-38.11	-39.84	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
Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/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	24.71	9.17	9.68	34.39	18.85	65.78	55.78	-31.39	-36.93	Pass
2	0.5900	22.49	15.35	9.69	32.18	25.04	56.00	46.00	-23.82	-20.96	Pass
3	0.6020	22.42	14.96	9.69	32.11	24.65	56.00	46.00	-23.89	-21.35	Pass
4	1.4060	18.60	8.93	9.72	28.32	18.65	56.00	46.00	-27.68	-27.35	Pass
5	1.7140	19.01	8.93	9.74	28.75	18.67	56.00	46.00	-27.25	-27.33	Pass
6	23.1740	20.30	1.88	10.22	30.52	12.10	60.00	50.00	-29.48	-37.90	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

Below 1 GHz

Standard:		FCC Part 15.407		Test Distance:		3 m	
Test item:		Radiated Emission		Power:		AC 120 V/60 Hz	
Mode:		Mode 1		Temp.(°C)/Hum.(%RH):		26(°C)/60 %RH	
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
152.2200	33.97	-5.86	28.11	43.50	-15.39	QP	H
225.9400	38.50	-7.25	31.25	46.00	-14.75	QP	H
493.6600	36.77	-0.45	36.32	46.00	-9.68	QP	H
522.7600	37.30	0.11	37.41	46.00	-8.59	QP	H
771.0800	34.03	5.20	39.23	46.00	-6.77	QP	H
932.1000	32.08	8.38	40.46	46.00	-5.54	QP	H
93.0500	42.29	-11.86	30.43	43.50	-13.07	QP	V
152.2200	32.77	-5.86	26.91	43.50	-16.59	QP	V
500.4500	37.53	-0.36	37.17	46.00	-8.83	QP	V
514.0300	36.10	-0.07	36.03	46.00	-9.97	QP	V
770.1100	34.18	5.18	39.36	46.00	-6.64	QP	V
932.1000	33.25	8.38	41.63	46.00	-4.37	QP	V

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

Example: 28.11 = -5.86 + 33.97

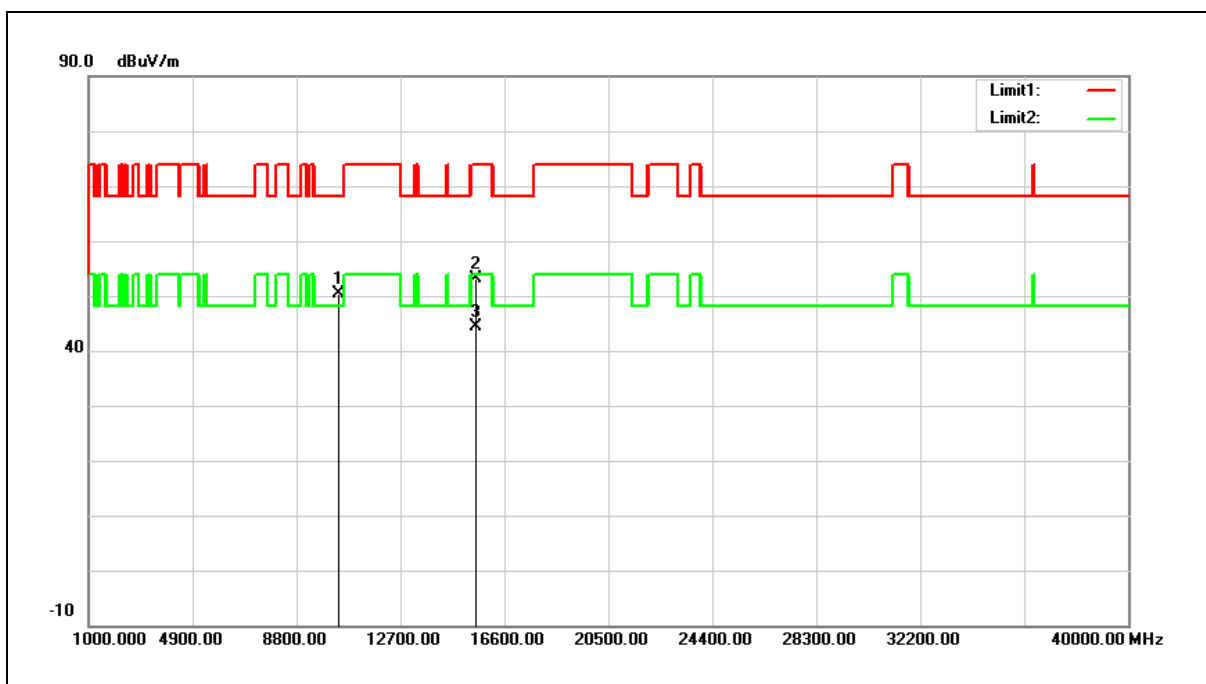
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Harmonic

Above 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	33.14	17.33	50.47	68.20	-17.73	peak
2	15540.000	32.19	20.84	53.03	74.00	-20.97	peak
3	15540.000	23.57	20.84	44.41	54.00	-9.59	AVG

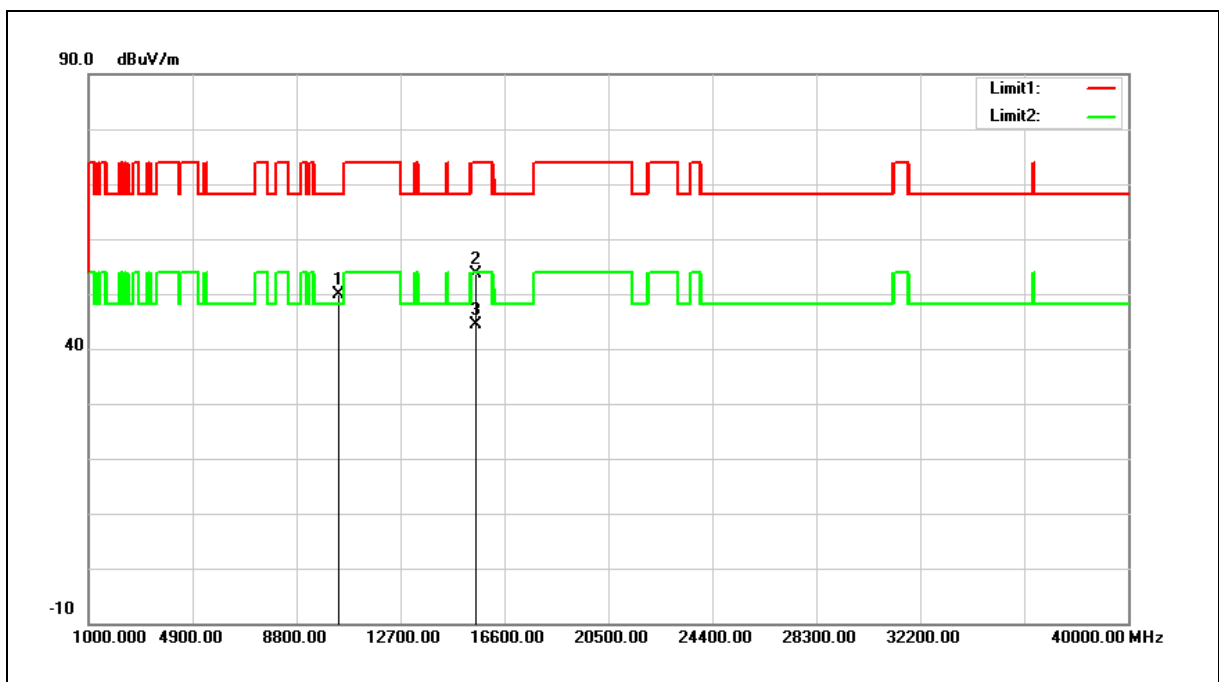
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 50.47 = 17.33 + 33.14

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.(°C)/Hum.(%RH):	26(°C)/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	32.50	17.33	49.83	68.20	-18.37	peak
2	15540.000	32.88	20.84	53.72	74.00	-20.28	peak
3	15540.000	23.45	20.84	44.29	54.00	-9.71	AVG

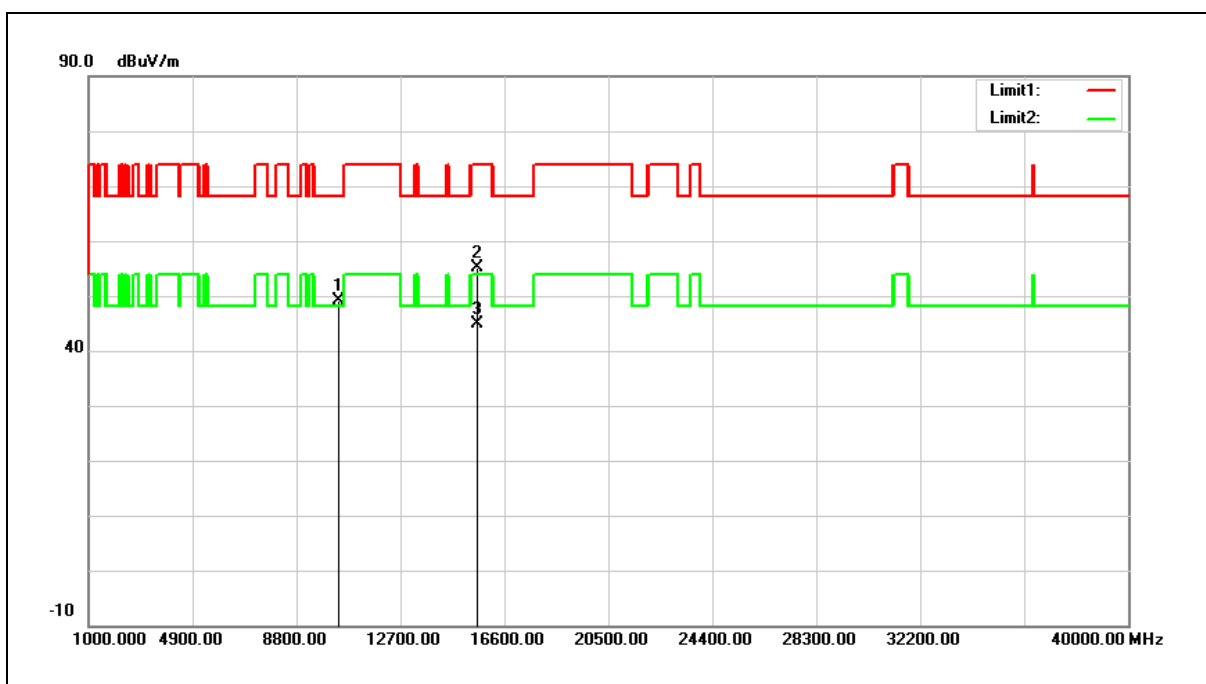
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 49.83 = 17.33 + 32.50

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



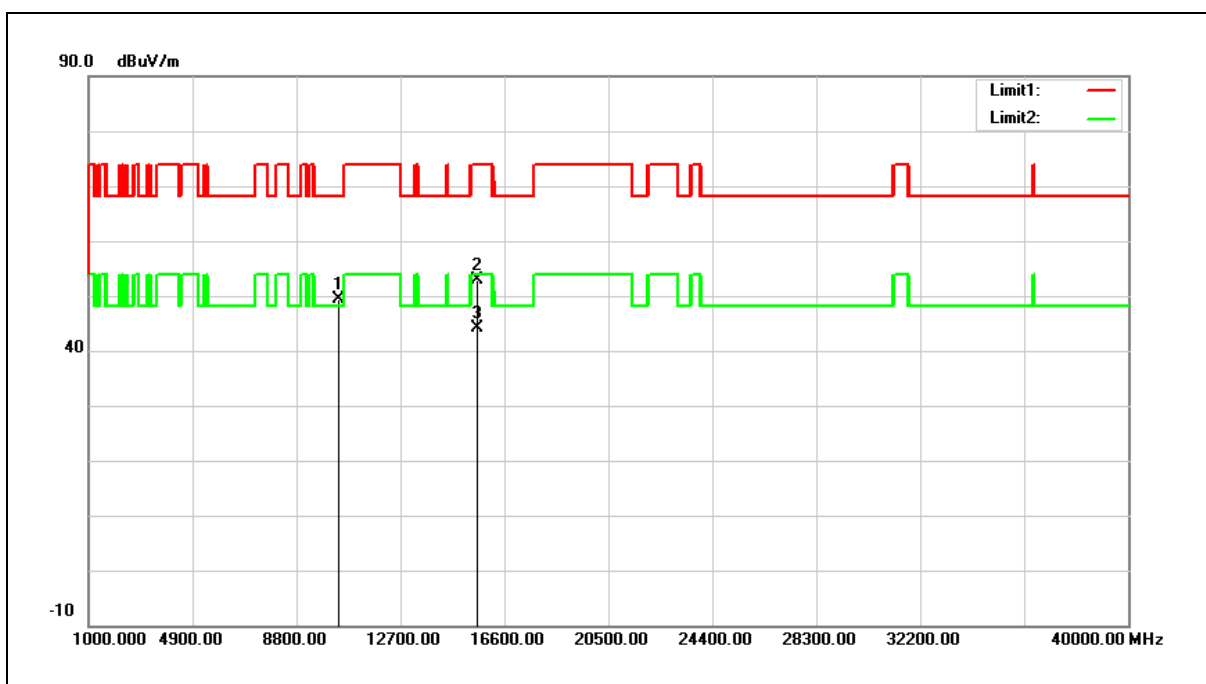
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	31.79	17.45	49.24	68.20	-18.96	peak
2	15600.000	34.56	20.64	55.20	74.00	-18.80	peak
3	15600.000	24.14	20.64	44.78	54.00	-9.22	AVG

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



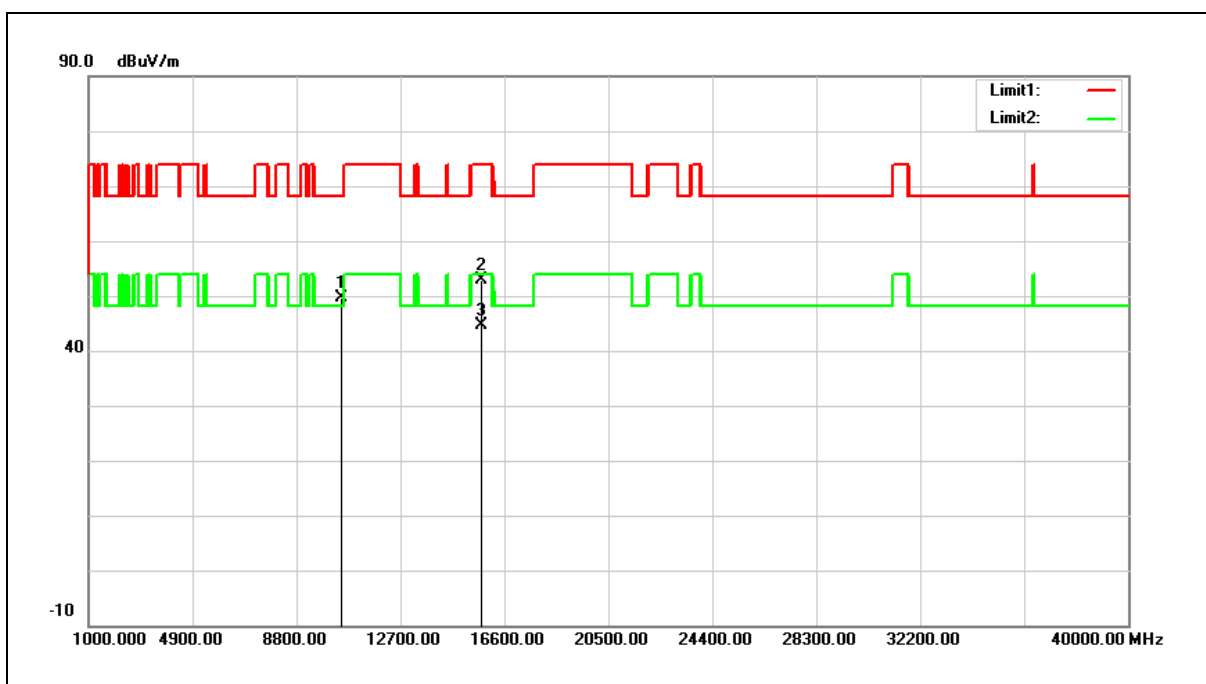
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	31.86	17.45	49.31	68.20	-18.89	peak
2	15600.000	32.31	20.64	52.95	74.00	-21.05	peak
3	15600.000	23.51	20.64	44.15	54.00	-9.85	AVG

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



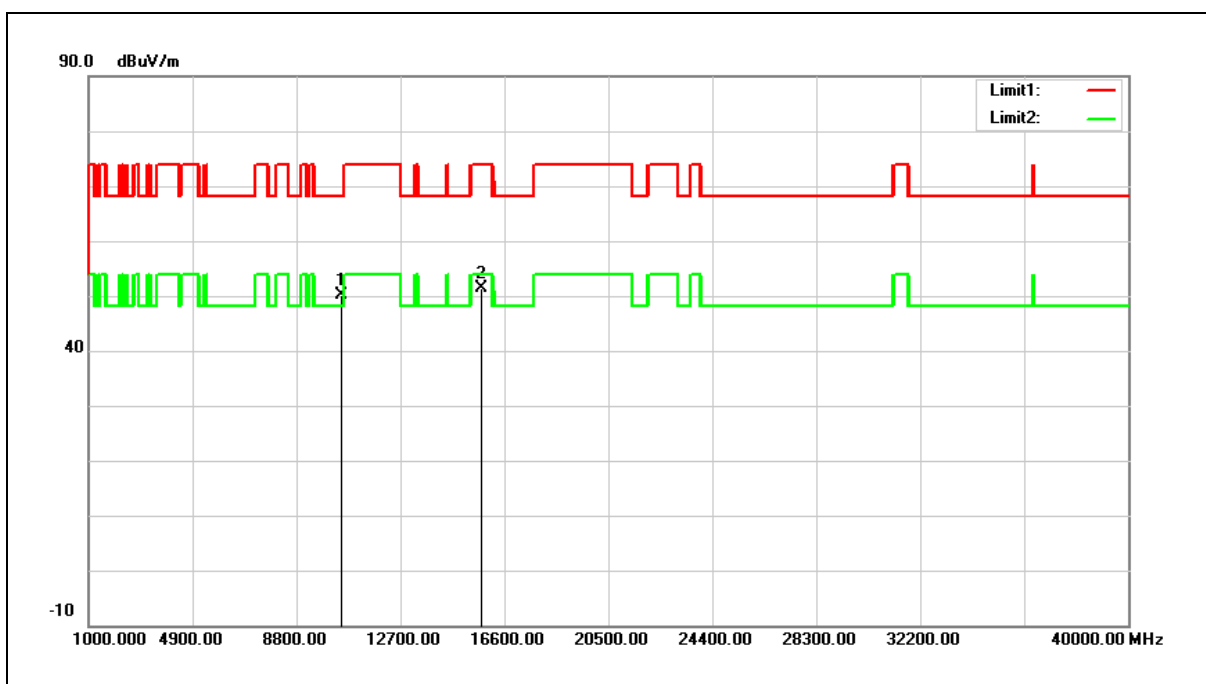
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	31.99	17.70	49.69	68.20	-18.51	peak
2	15720.000	32.53	20.27	52.80	74.00	-21.20	peak
3	15720.000	24.32	20.27	44.59	54.00	-9.41	AVG

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



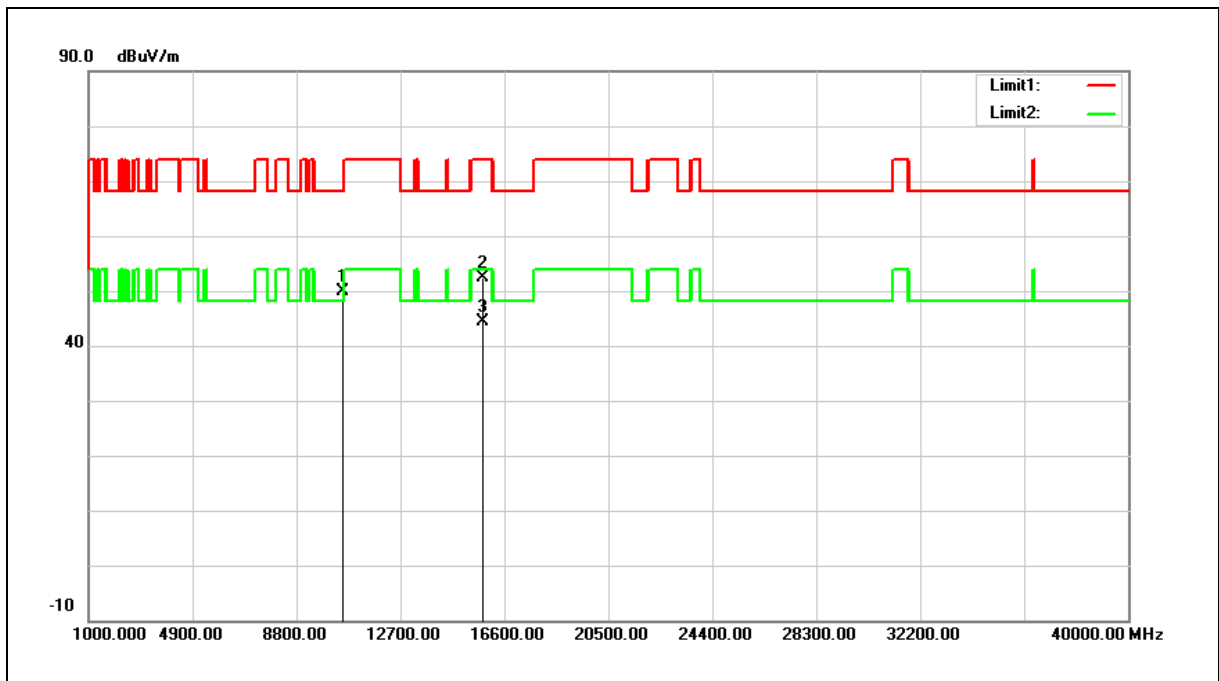
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	32.31	17.70	50.01	68.20	-18.19	peak
2	15720.000	31.22	20.27	51.49	74.00	-22.51	peak

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:	5260 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



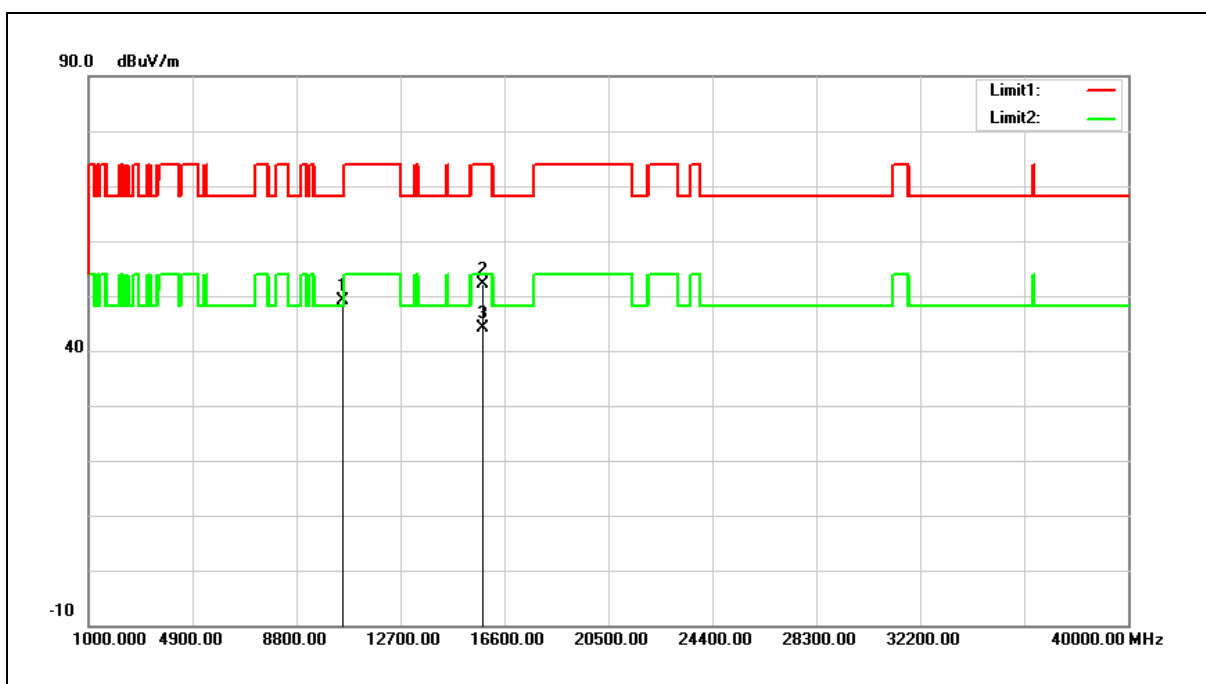
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	32.06	17.80	49.86	68.20	-18.34	peak
2	15780.000	32.32	20.07	52.39	74.00	-21.61	peak
3	15780.000	24.40	20.07	44.47	54.00	-9.53	AVG

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:	5260 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



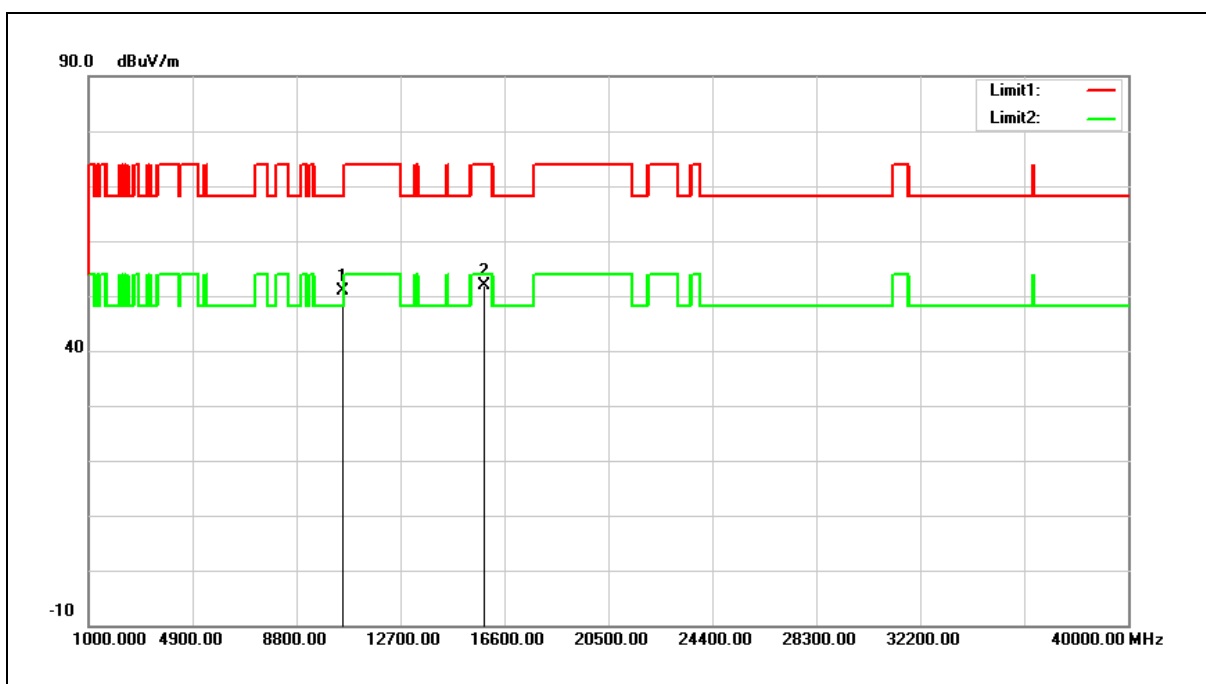
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	31.38	17.80	49.18	68.20	-19.02	peak
2	15780.000	32.01	20.07	52.08	74.00	-21.92	peak
3	15780.000	24.15	20.07	44.22	54.00	-9.78	AVG

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:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	10560.000	32.98	17.87	50.85	68.20	-17.35	peak
2	15840.000	32.10	19.89	51.99	74.00	-22.01	peak

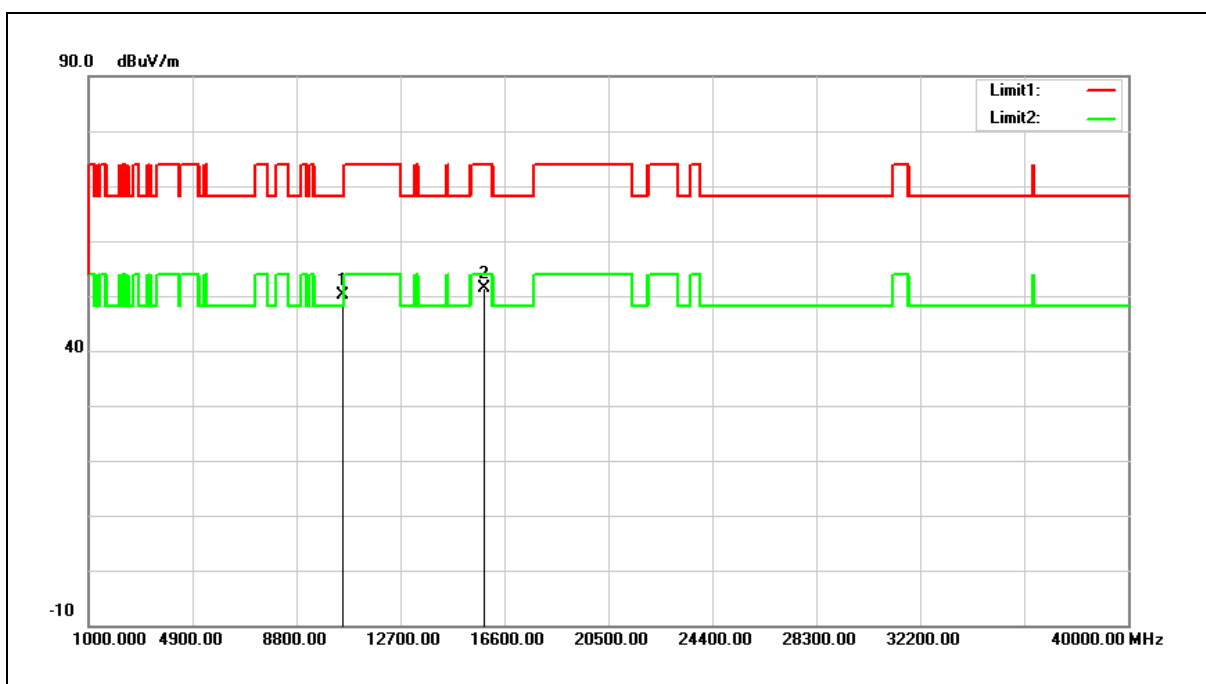
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	10560.000	32.38	17.87	50.25	68.20	-17.95	peak
2	15840.000	31.51	19.89	51.40	74.00	-22.60	peak

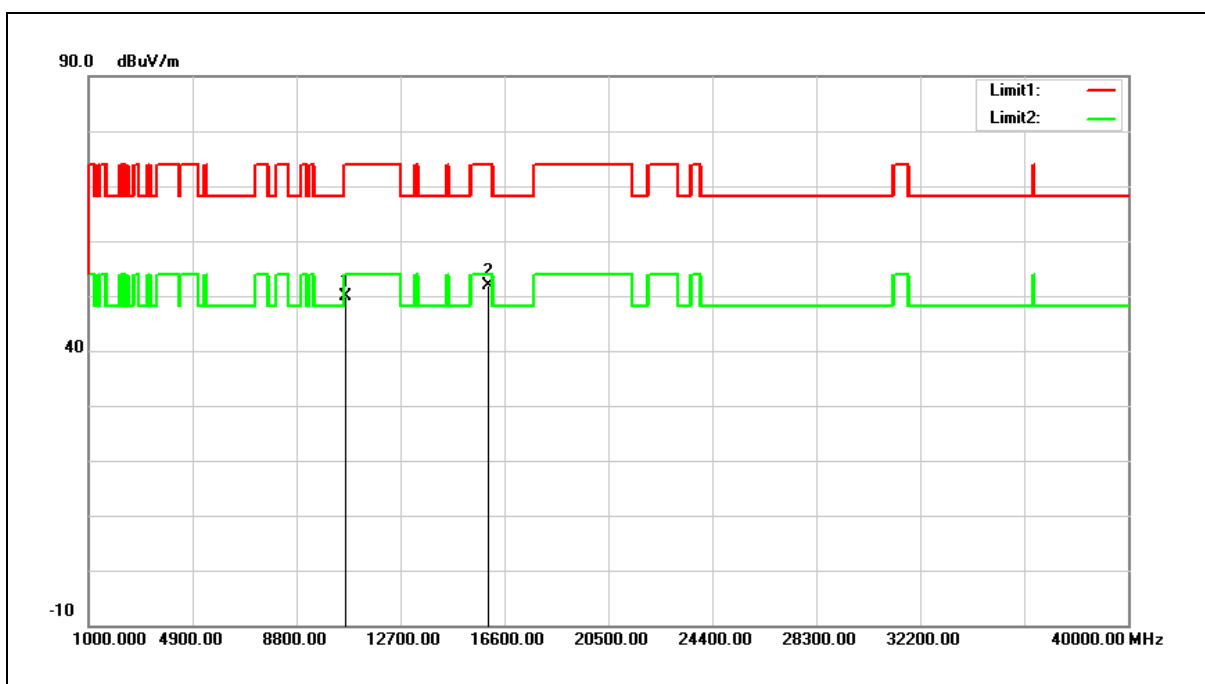
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



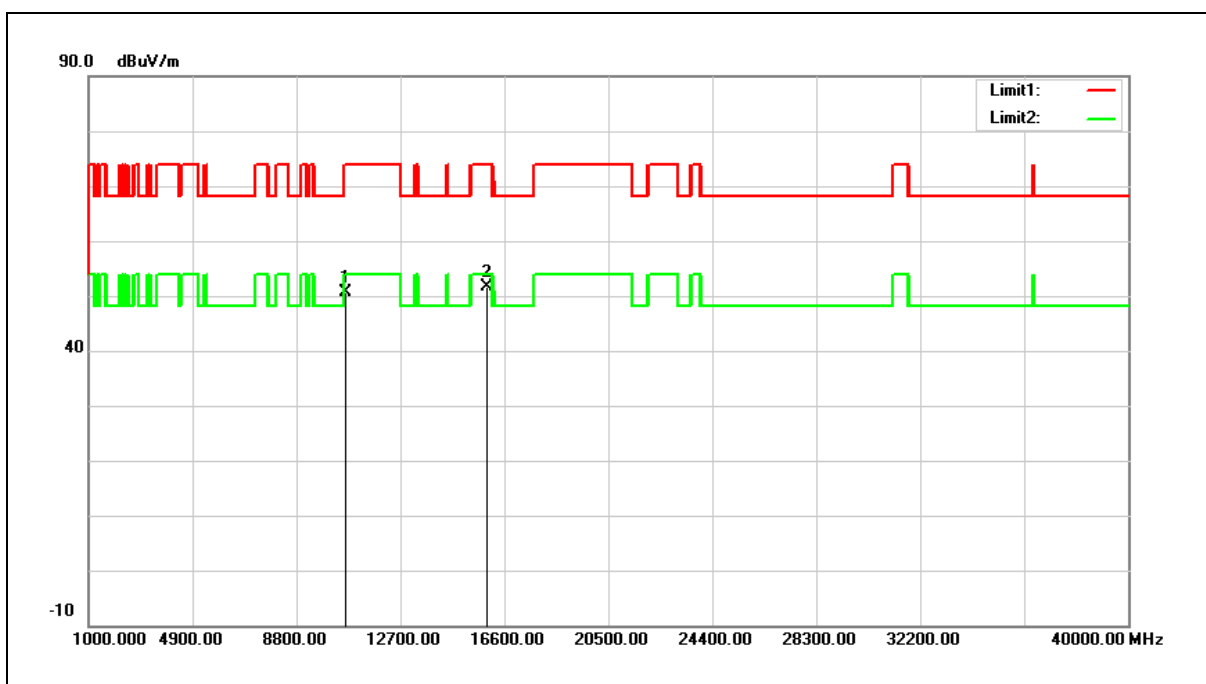
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	31.93	18.01	49.94	74.00	-24.06	peak
2	15960.000	32.42	19.51	51.93	74.00	-22.07	peak

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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



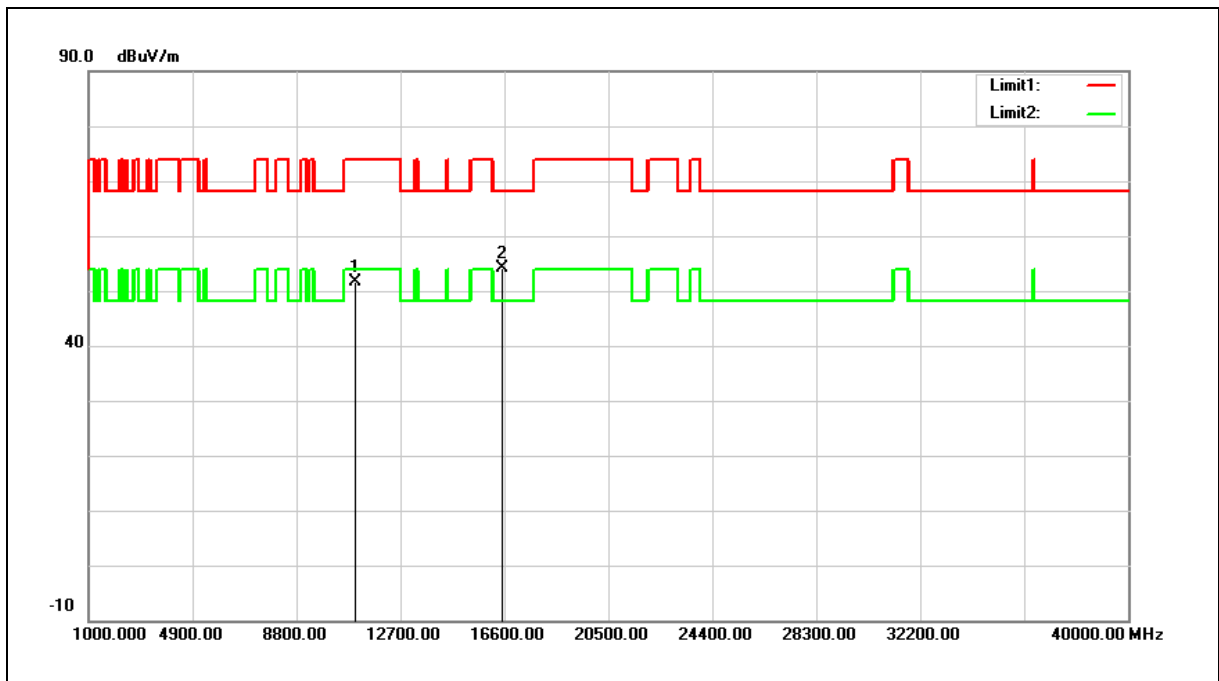
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	32.57	18.01	50.58	74.00	-23.42	peak
2	15960.000	32.19	19.51	51.70	74.00	-22.30	peak

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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	11000.000	33.00	18.61	51.61	74.00	-22.39	peak
2	16500.000	32.55	21.68	54.23	68.20	-13.97	peak

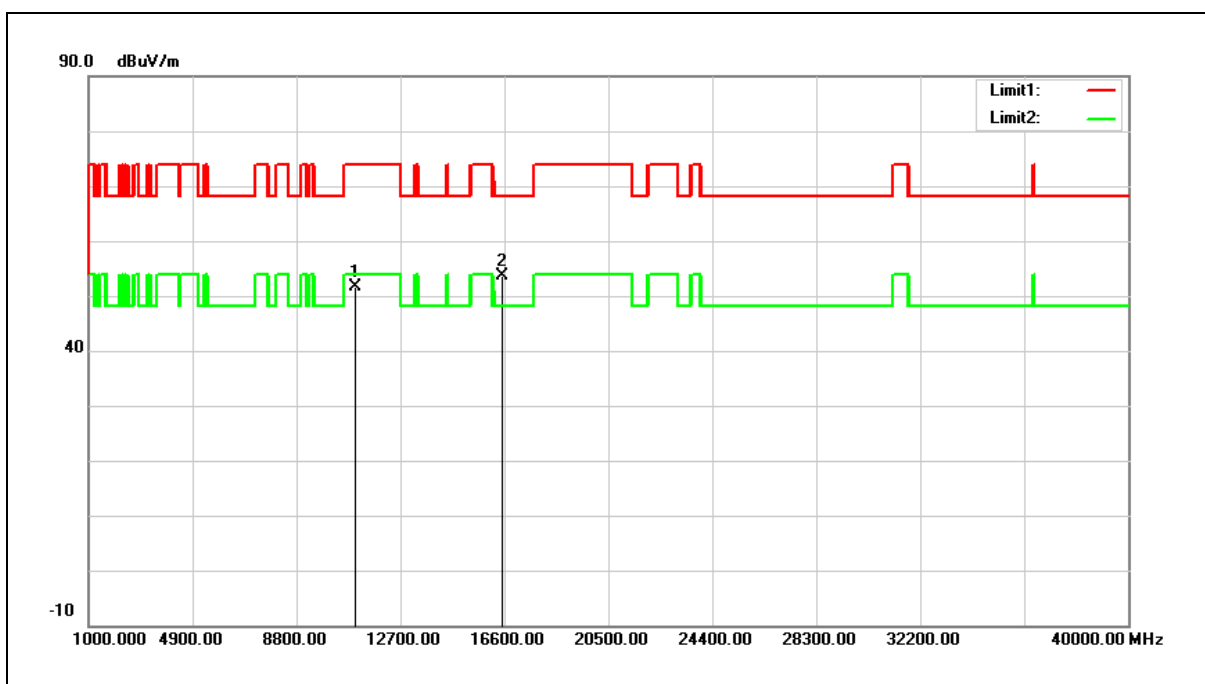
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



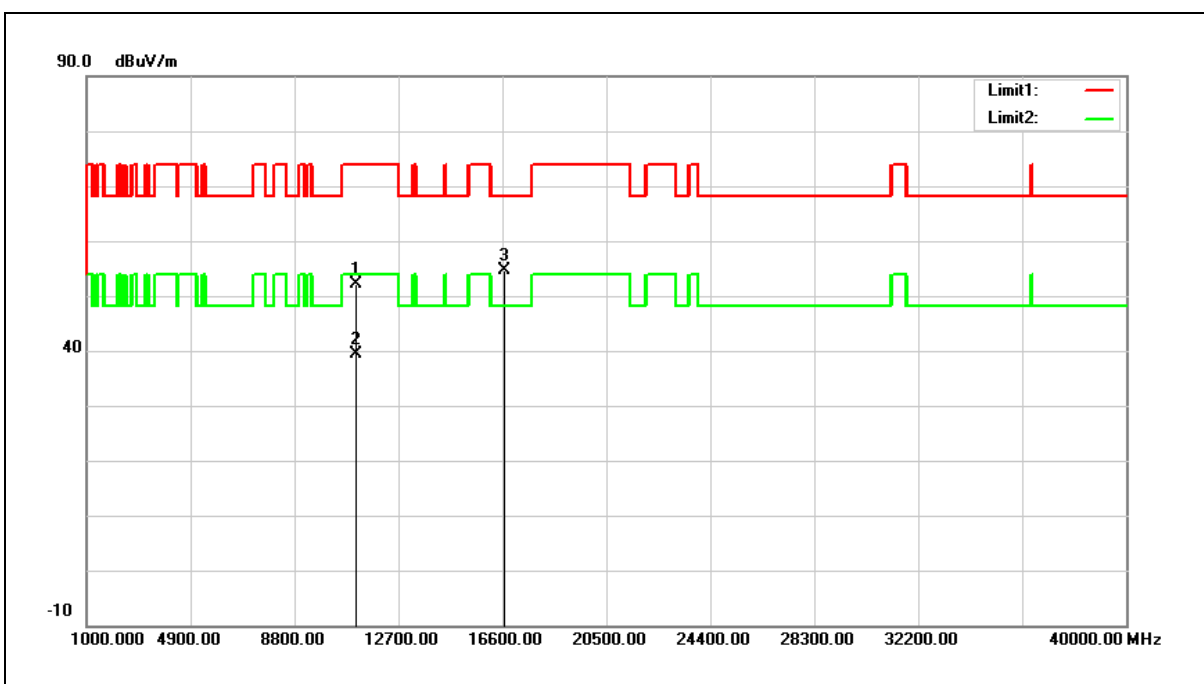
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	32.91	18.61	51.52	74.00	-22.48	peak
2	16500.000	31.84	21.68	53.52	68.20	-14.68	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	11120.000	33.33	18.78	52.11	74.00	-21.89	peak
2	11120.000	20.64	18.78	39.42	54.00	-14.58	AVG
3	16680.000	31.99	22.64	54.63	68.20	-13.57	peak

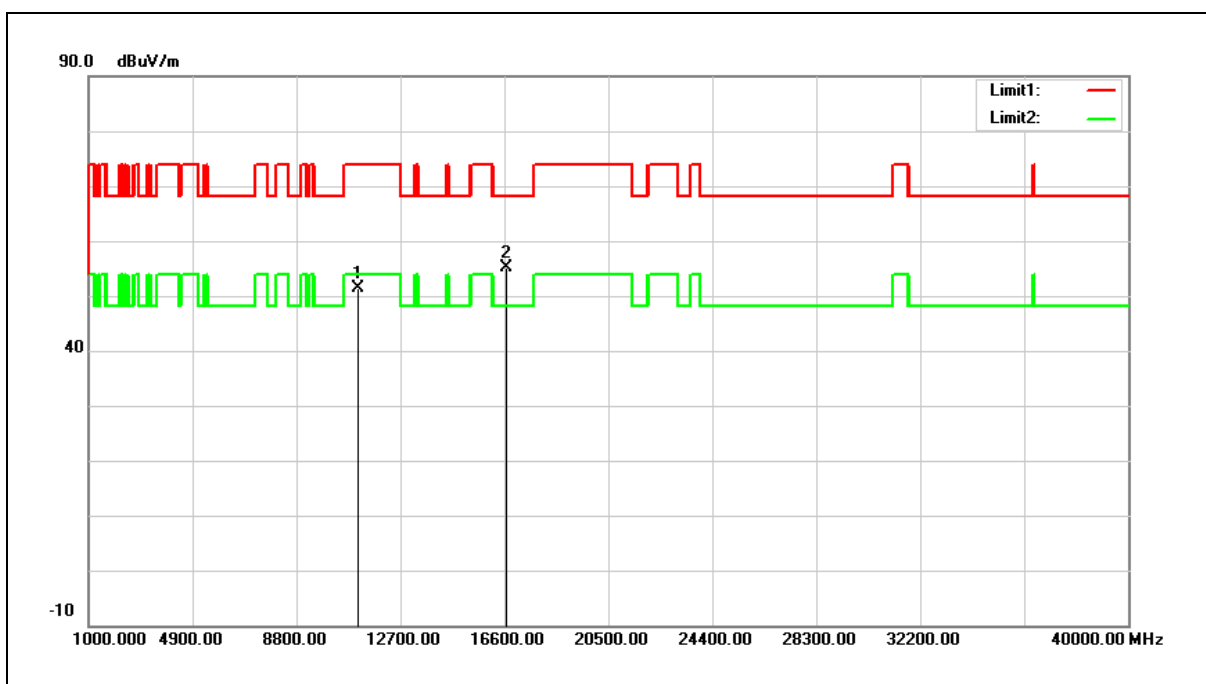
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



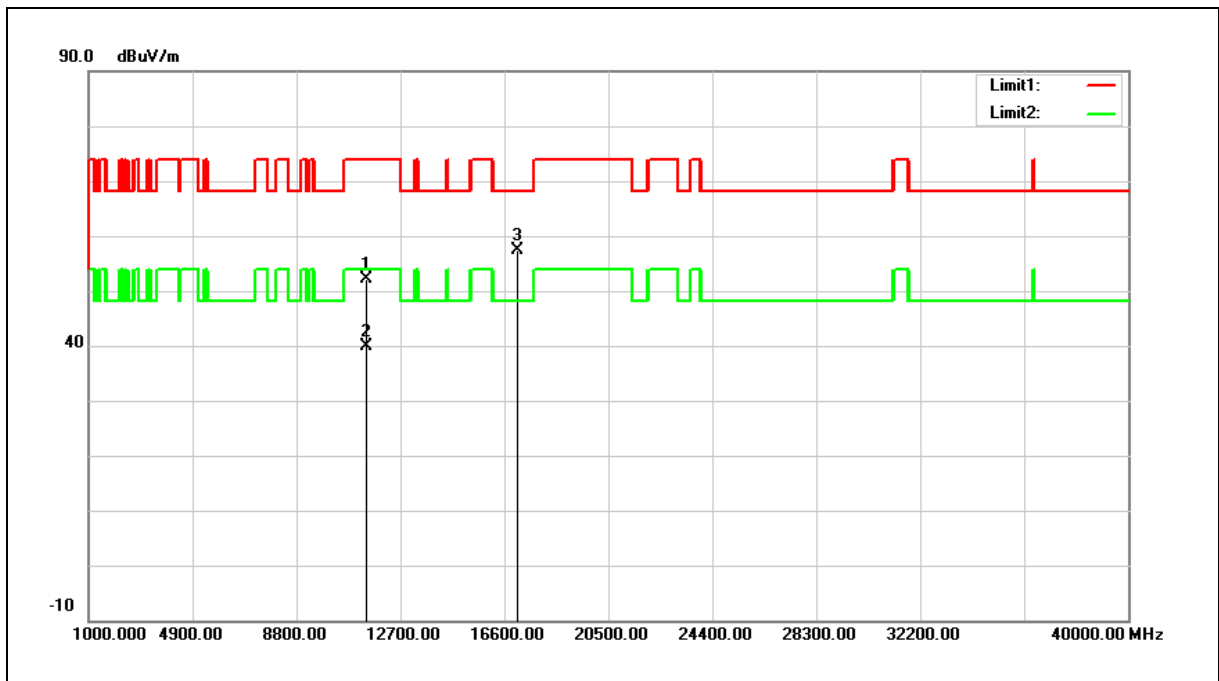
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	32.68	18.78	51.46	74.00	-22.54	peak
2	16680.000	32.38	22.64	55.02	68.20	-13.18	peak

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:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



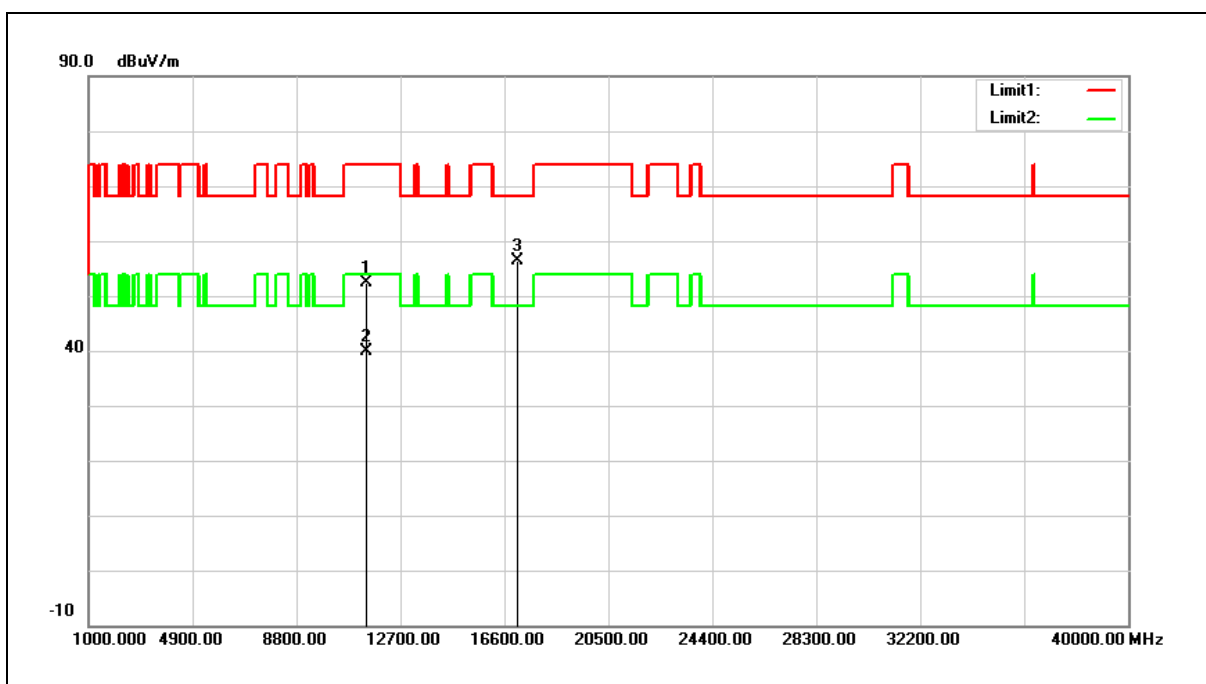
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	32.86	19.18	52.04	74.00	-21.96	peak
2	11400.000	20.73	19.18	39.91	54.00	-14.09	AVG
3	17100.000	32.71	24.64	57.35	68.20	-10.85	peak

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:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



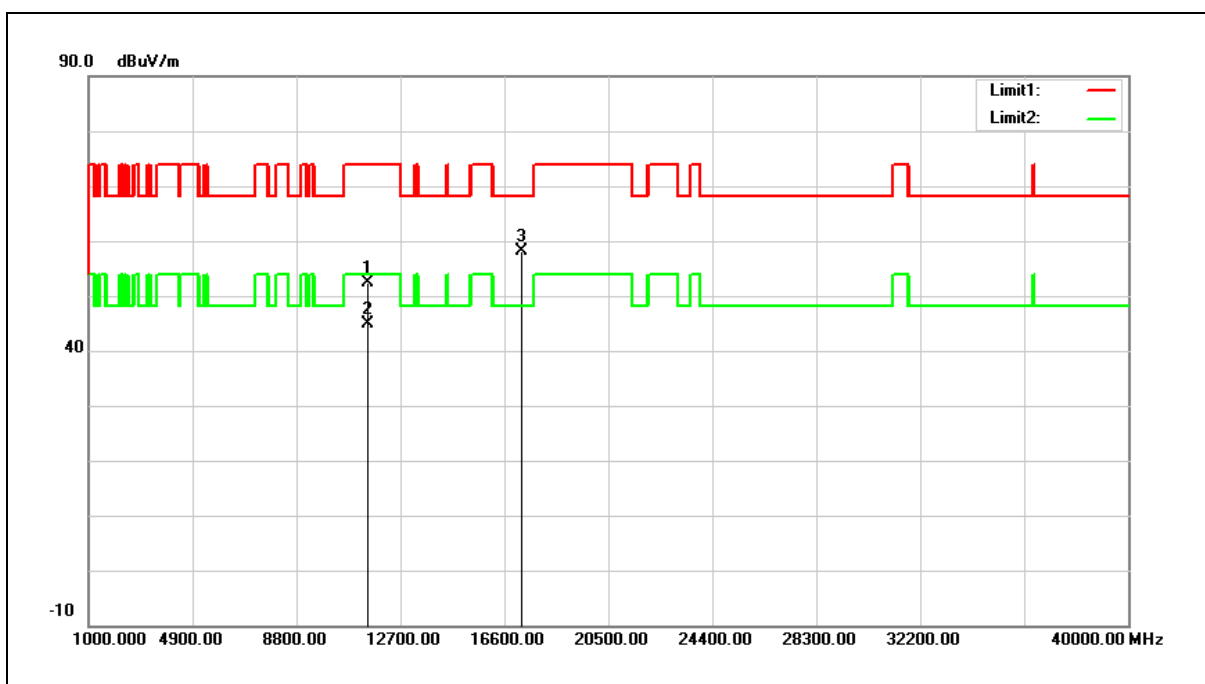
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	33.23	19.18	52.41	74.00	-21.59	peak
2	11400.000	20.71	19.18	39.89	54.00	-14.11	AVG
3	17100.000	31.84	24.64	56.48	68.20	-11.72	peak

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



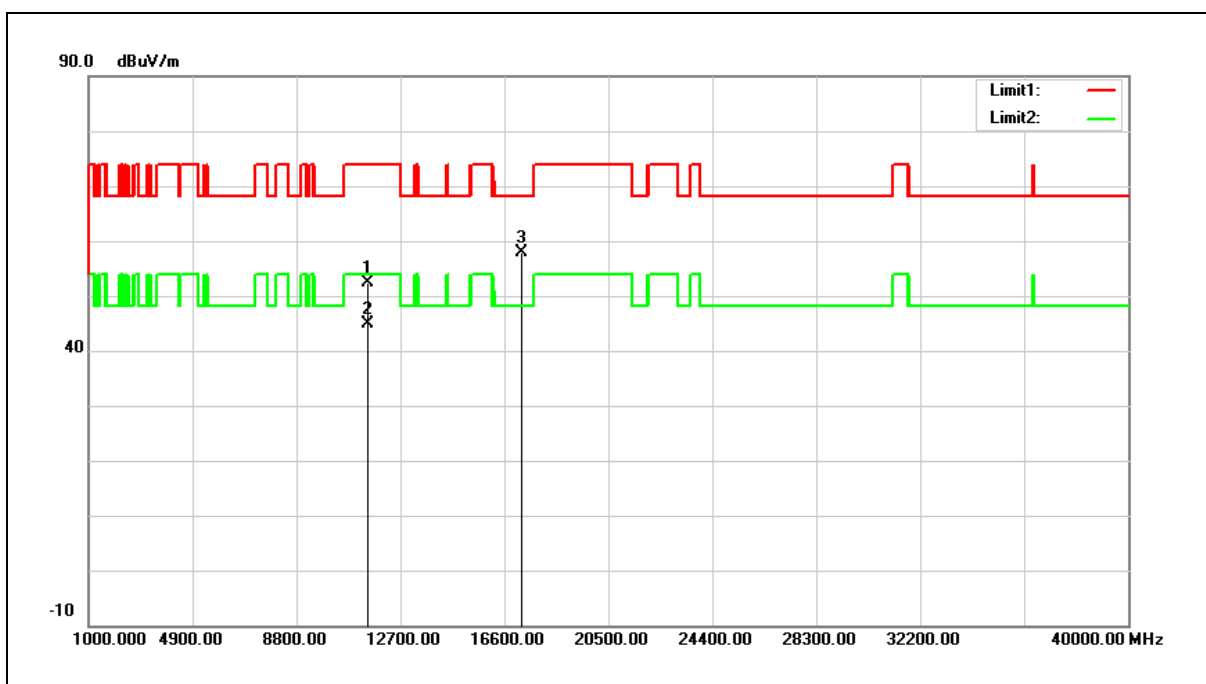
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	33.13	19.30	52.43	74.00	-21.57	peak
2	11490.000	25.62	19.30	44.92	54.00	-9.08	AVG
3	17235.000	33.11	25.04	58.15	68.20	-10.05	peak

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



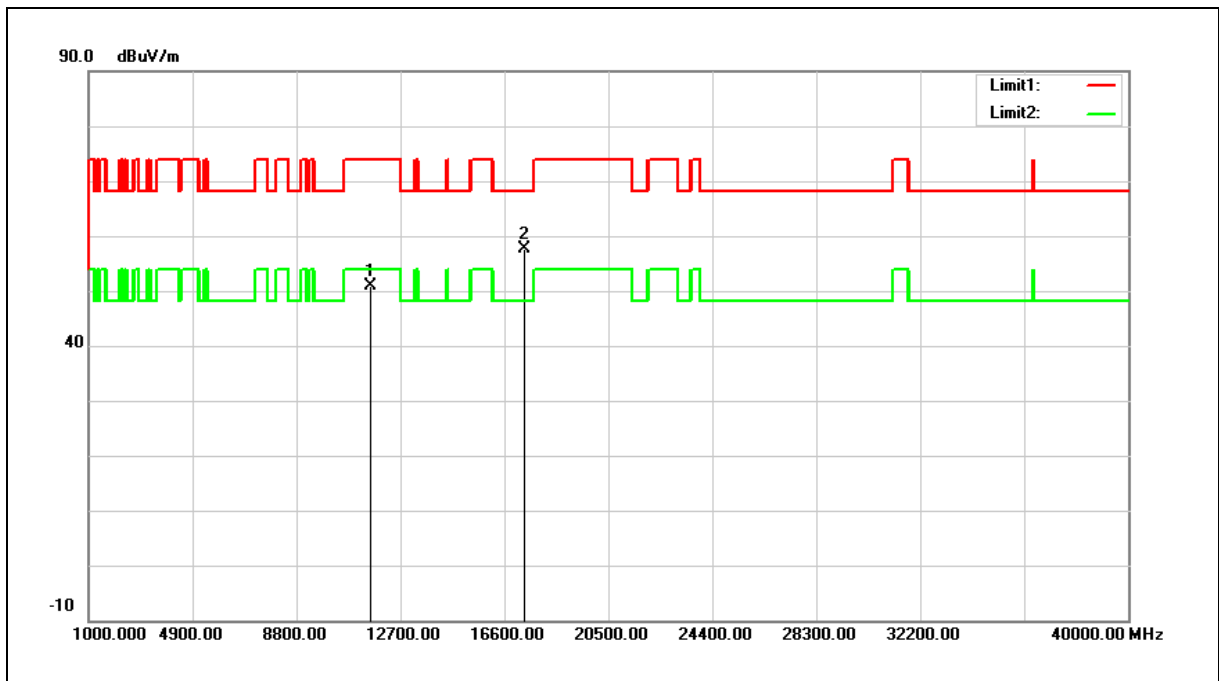
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	33.10	19.30	52.40	74.00	-21.60	peak
2	11490.000	25.51	19.30	44.81	54.00	-9.19	AVG
3	17235.000	32.76	25.04	57.80	68.20	-10.40	peak

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



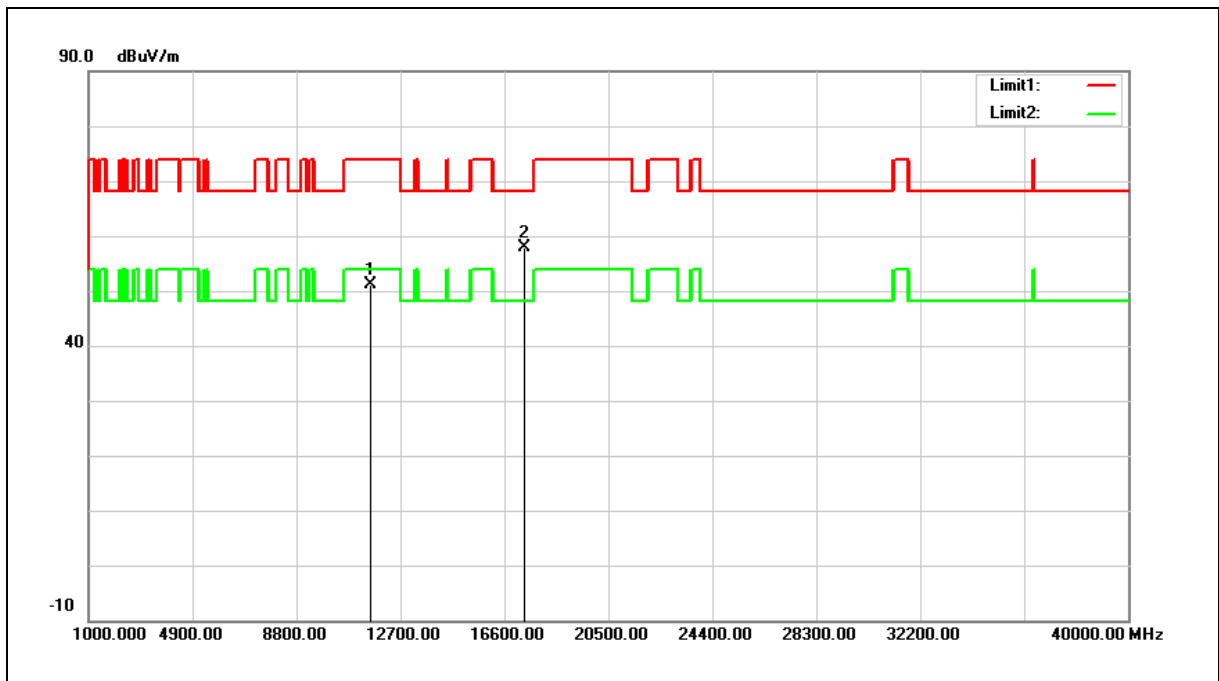
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	31.49	19.27	50.76	74.00	-23.24	peak
2	17355.000	32.12	25.40	57.52	68.20	-10.68	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



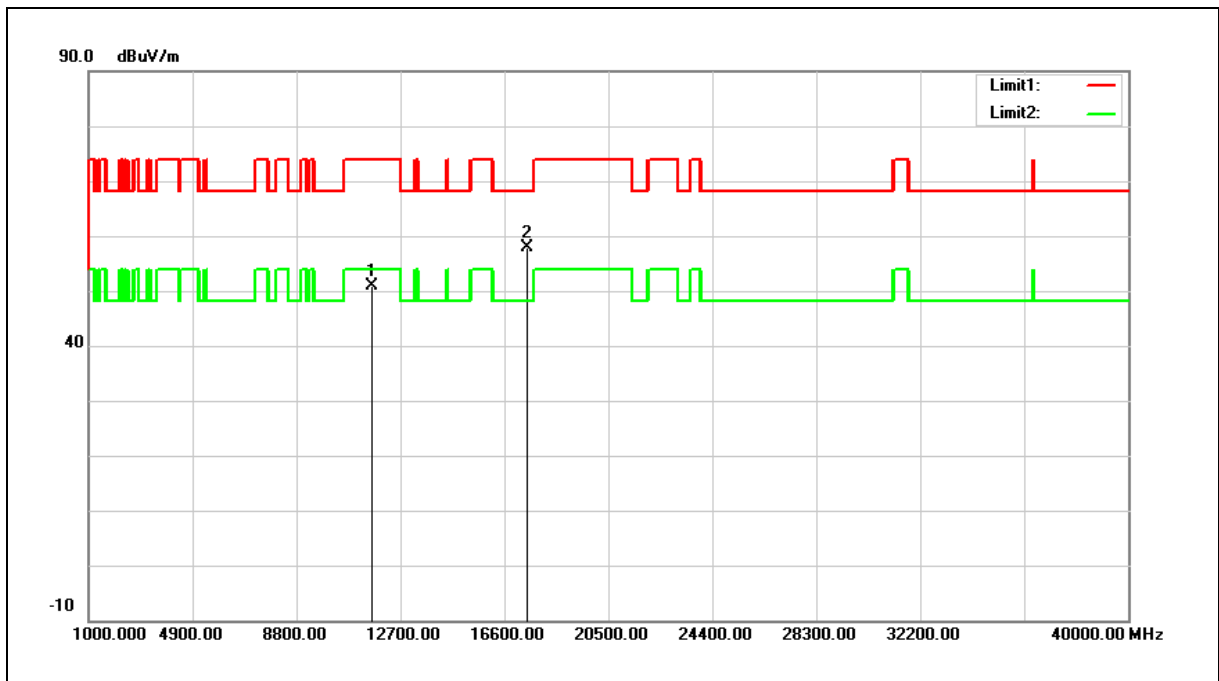
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	31.93	19.27	51.20	74.00	-22.80	peak
2	17355.000	32.37	25.40	57.77	68.20	-10.43	peak

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:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



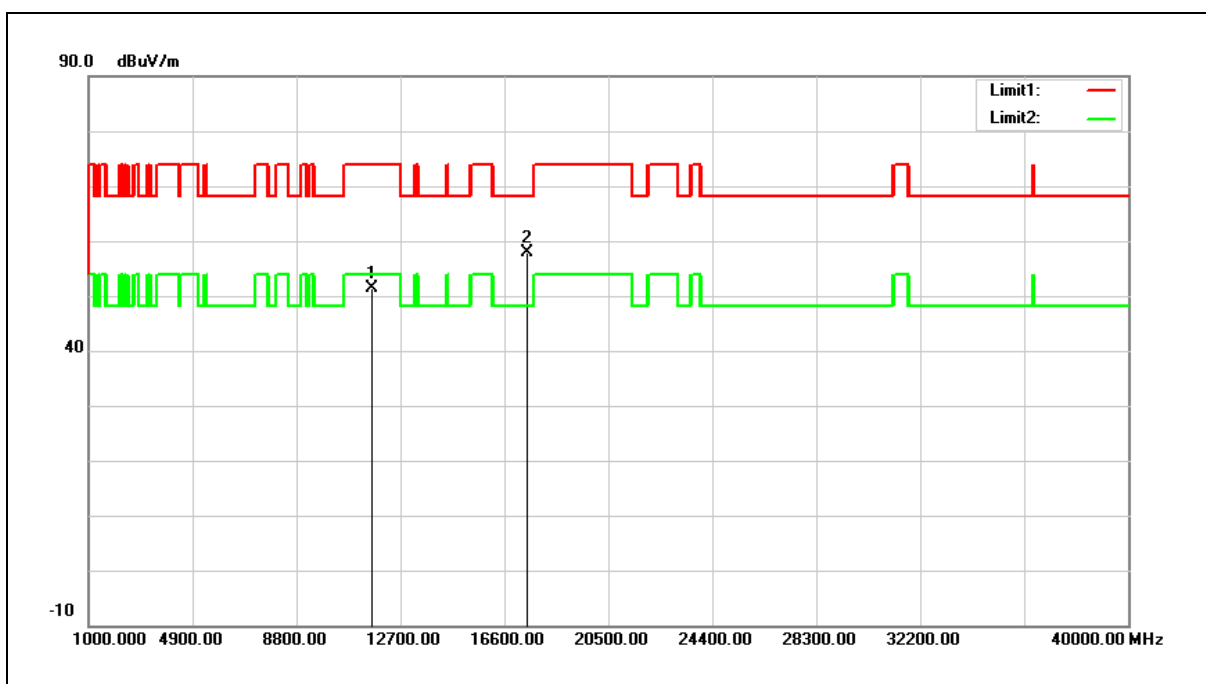
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	31.56	19.23	50.79	74.00	-23.21	peak
2	17475.000	32.15	25.74	57.89	68.20	-10.31	peak

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:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



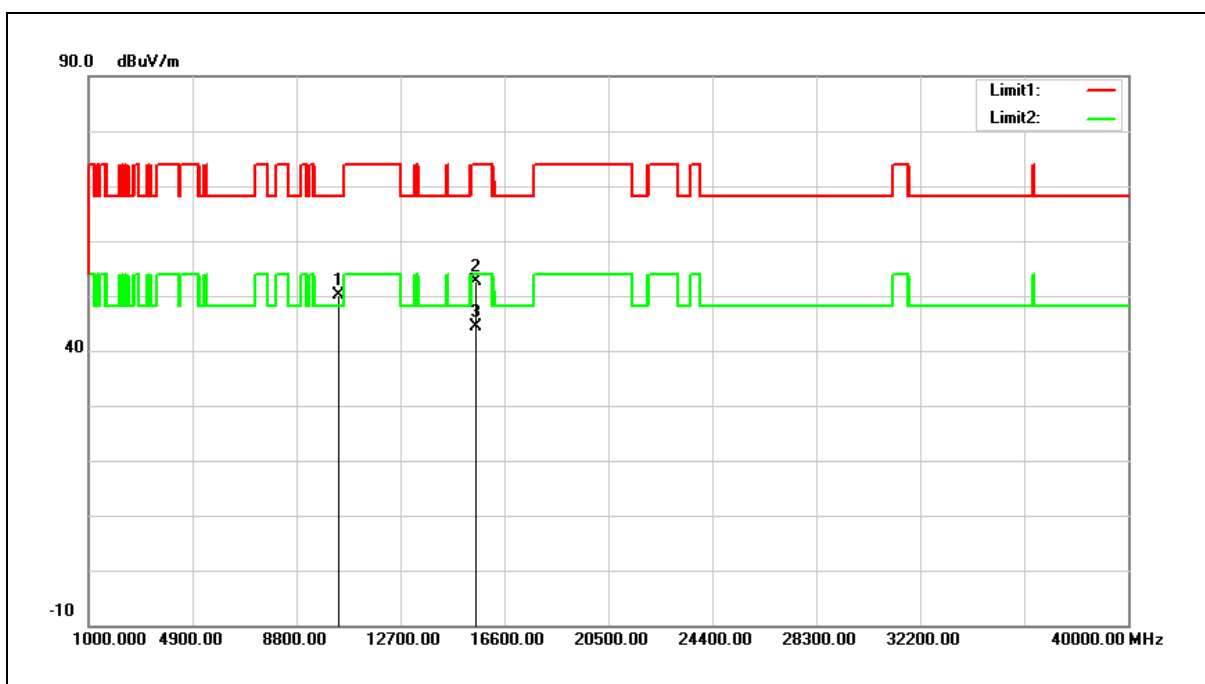
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	32.07	19.23	51.30	74.00	-22.70	peak
2	17475.000	32.09	25.74	57.83	68.20	-10.37	peak

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



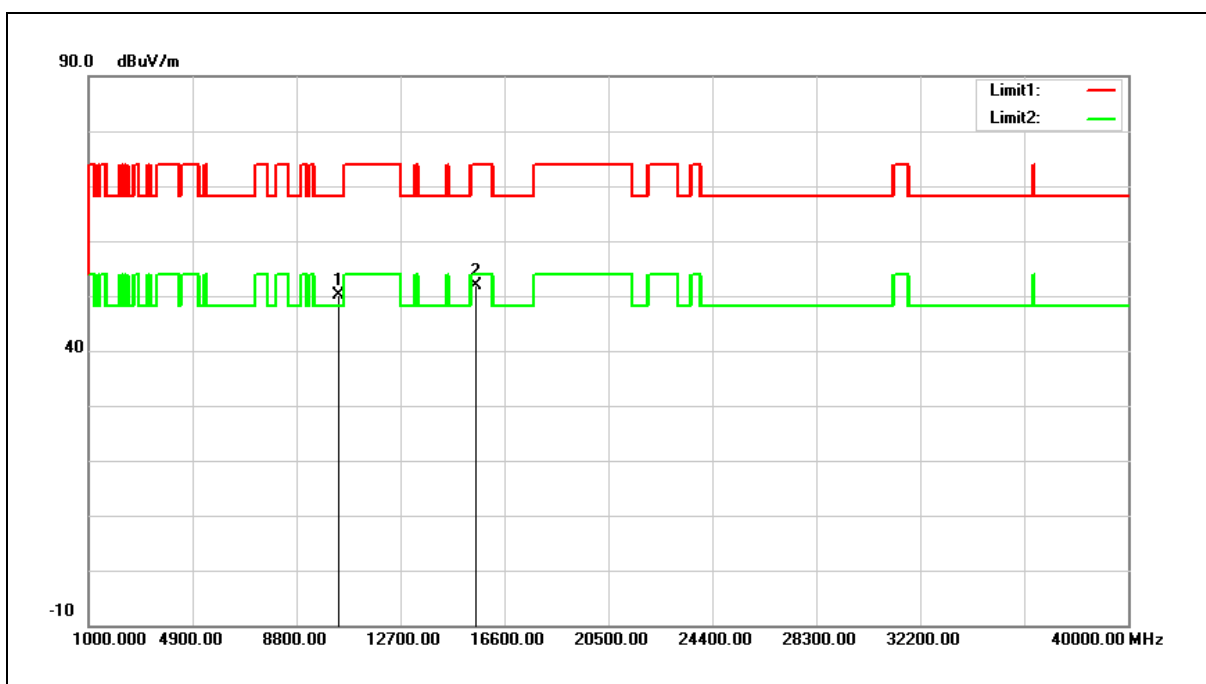
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	32.91	17.33	50.24	68.20	-17.96	peak
2	15540.000	31.69	20.84	52.53	74.00	-21.47	peak
3	15540.000	23.47	20.84	44.31	54.00	-9.69	AVG

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:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



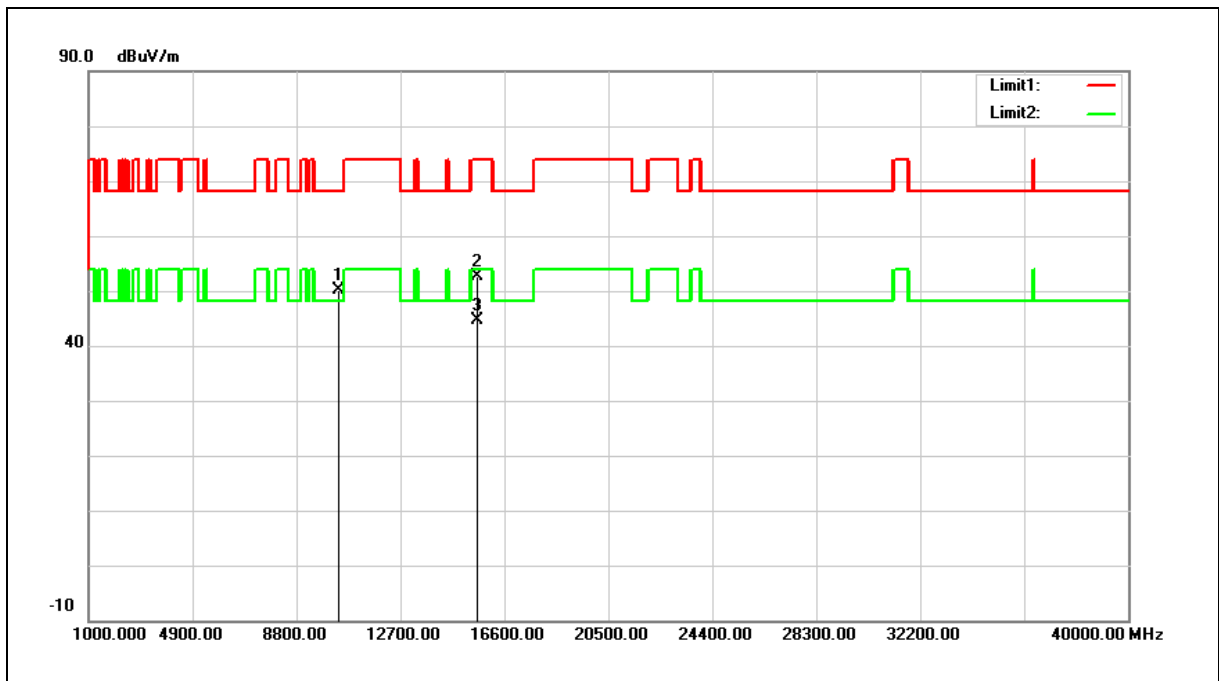
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	32.70	17.33	50.03	68.20	-18.17	peak
2	15540.000	31.11	20.84	51.95	74.00	-22.05	peak

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:	5200 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	32.60	17.45	50.05	68.20	-18.15	peak
2	15600.000	31.90	20.64	52.54	74.00	-21.46	peak
3	15600.000	23.92	20.64	44.56	54.00	-9.44	AVG

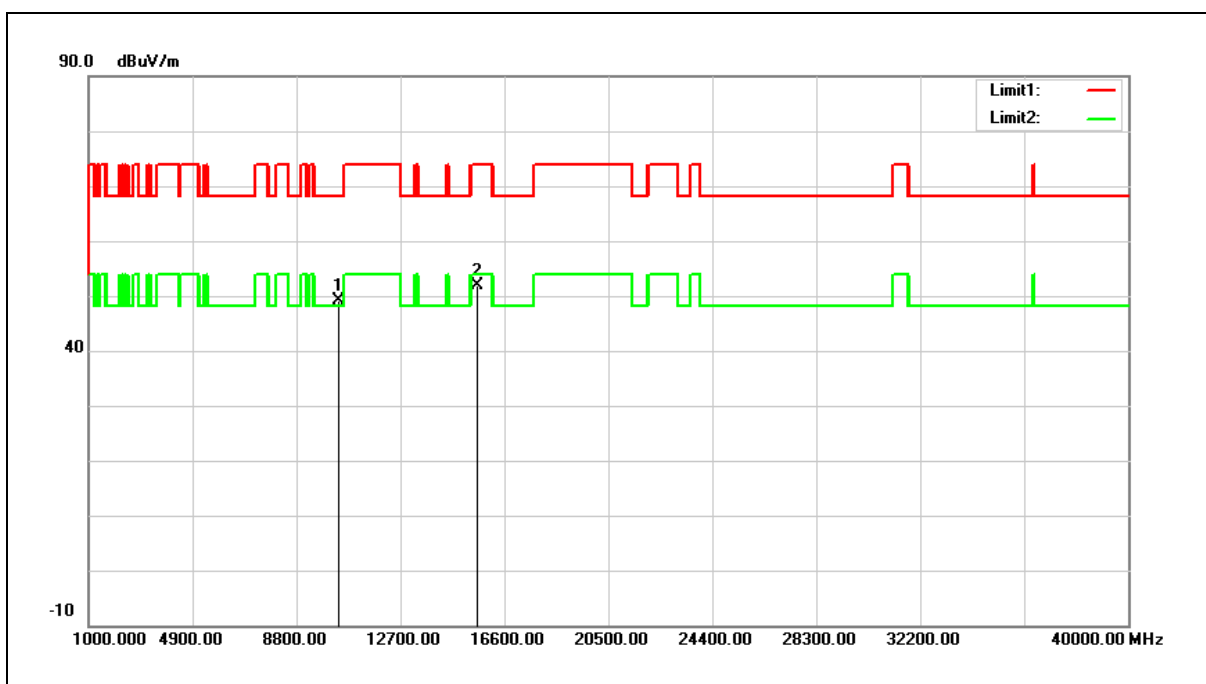
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



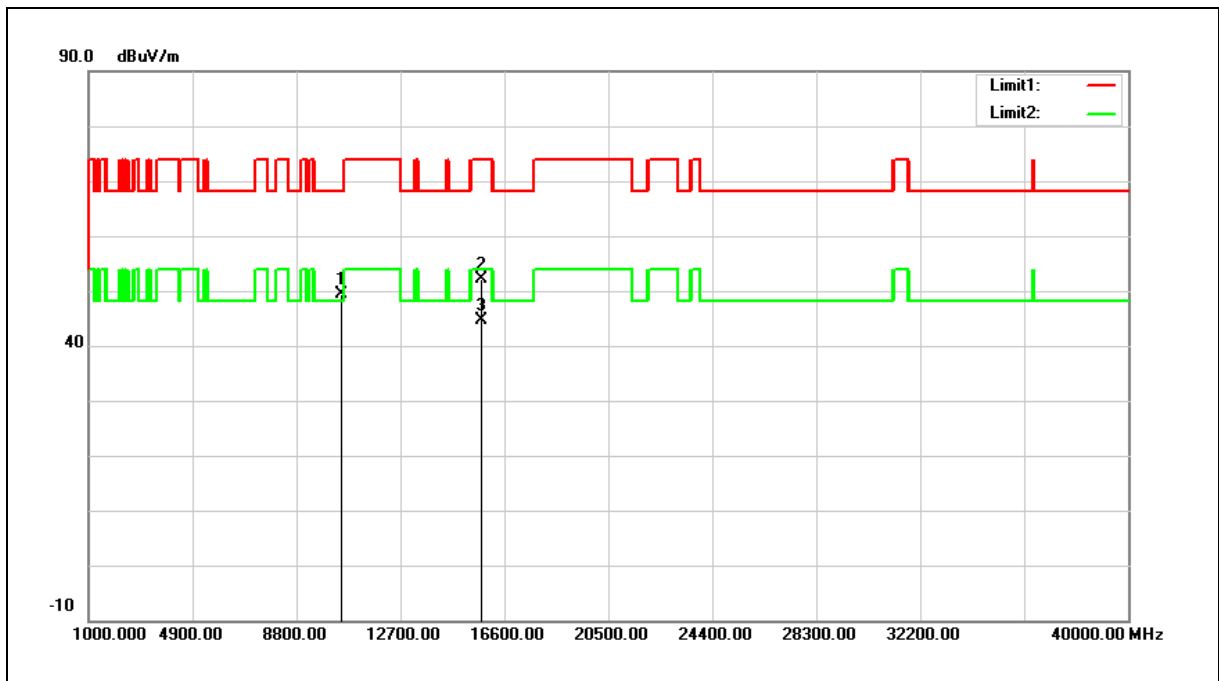
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	31.73	17.45	49.18	68.20	-19.02	peak
2	15600.000	31.28	20.64	51.92	74.00	-22.08	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



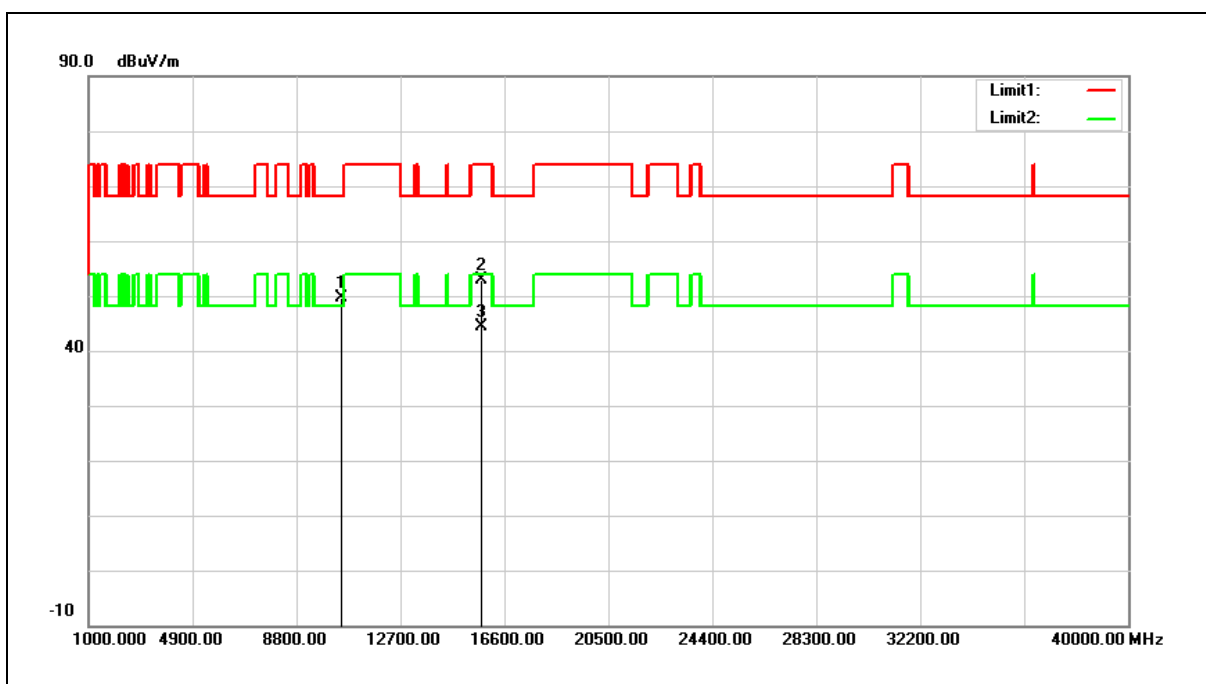
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	31.64	17.70	49.34	68.20	-18.86	peak
2	15720.000	31.98	20.27	52.25	74.00	-21.75	peak
3	15720.000	24.35	20.27	44.62	54.00	-9.38	AVG

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.(°C)/Hum.(%RH):	26(°C)/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	31.87	17.70	49.57	68.20	-18.63	peak
2	15720.000	32.58	20.27	52.85	74.00	-21.15	peak
3	15720.000	24.22	20.27	44.49	54.00	-9.51	AVG

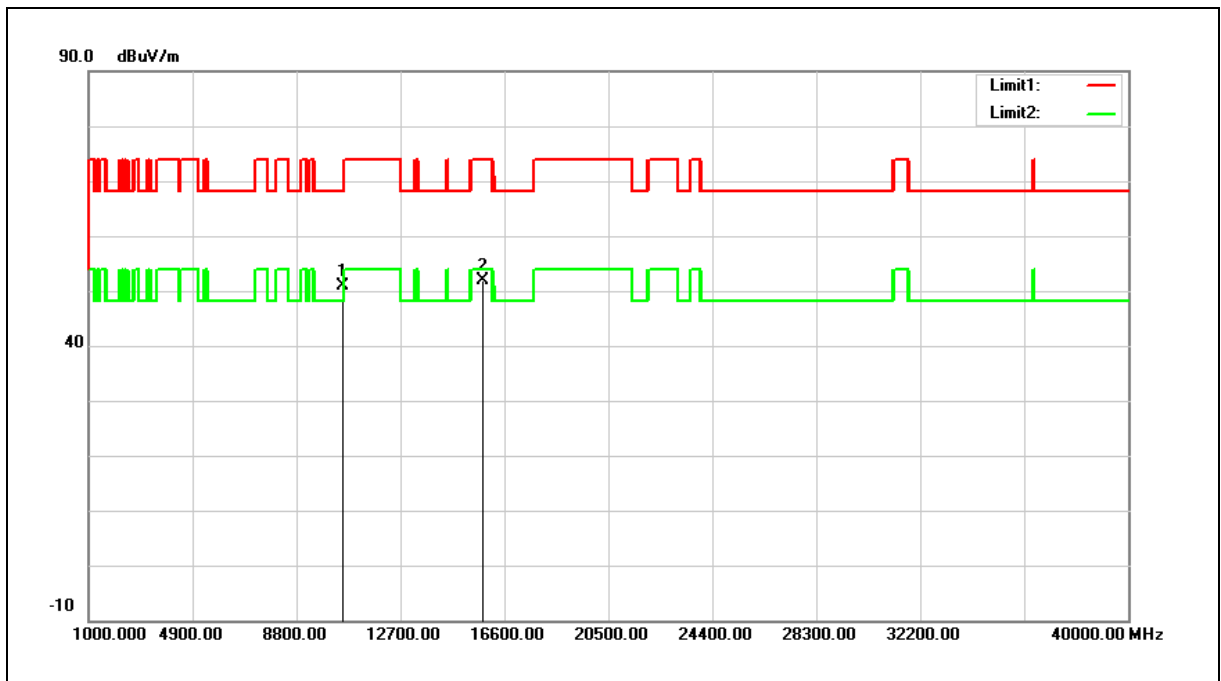
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5260 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



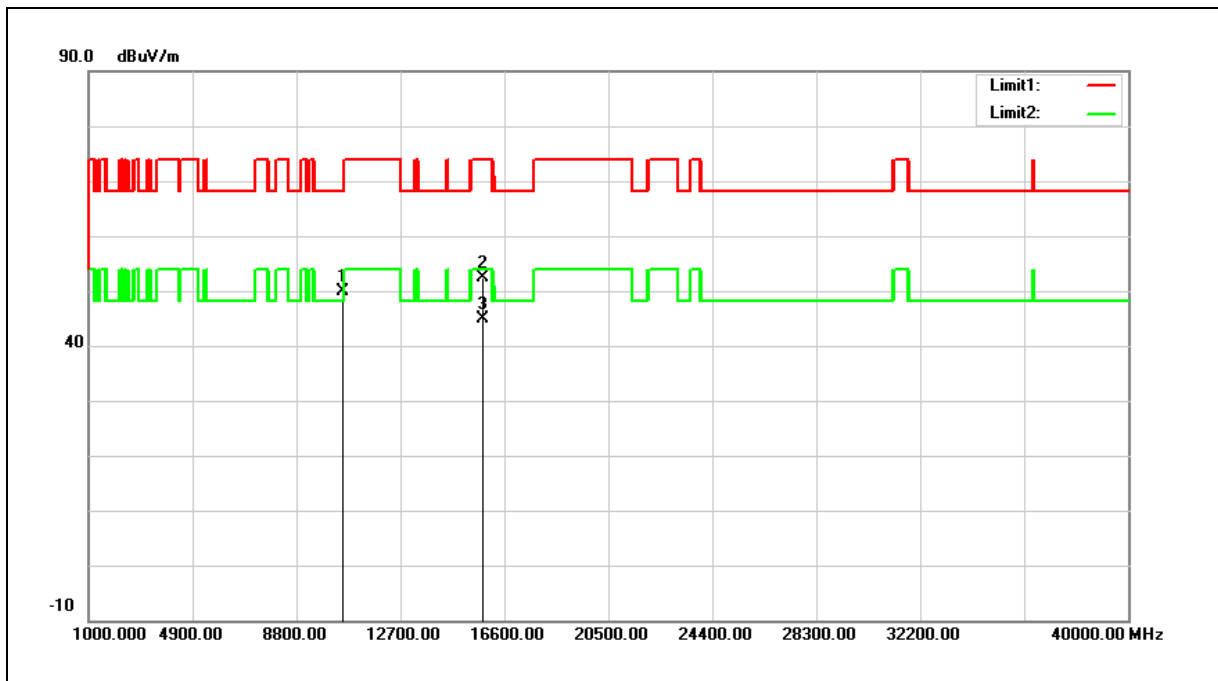
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	33.01	17.80	50.81	68.20	-17.39	peak
2	15780.000	31.80	20.07	51.87	74.00	-22.13	peak

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:	5260 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



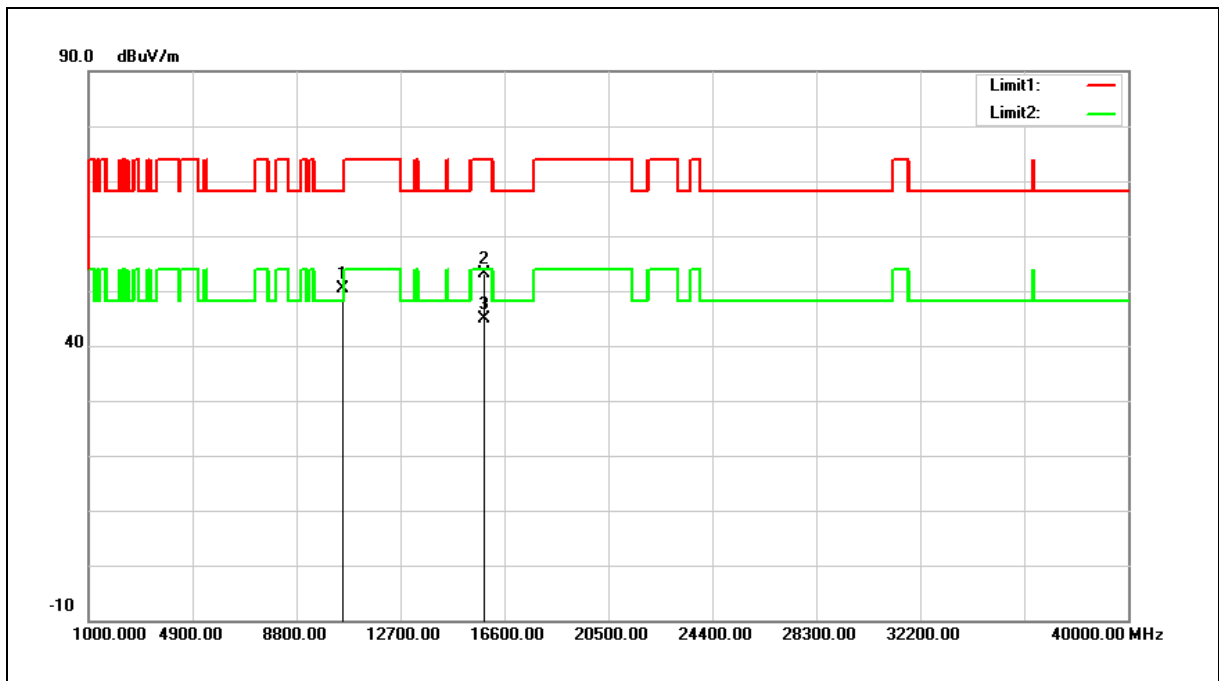
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	31.99	17.80	49.79	68.20	-18.41	peak
2	15780.000	32.26	20.07	52.33	74.00	-21.67	peak
3	15780.000	24.87	20.07	44.94	54.00	-9.06	AVG

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:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



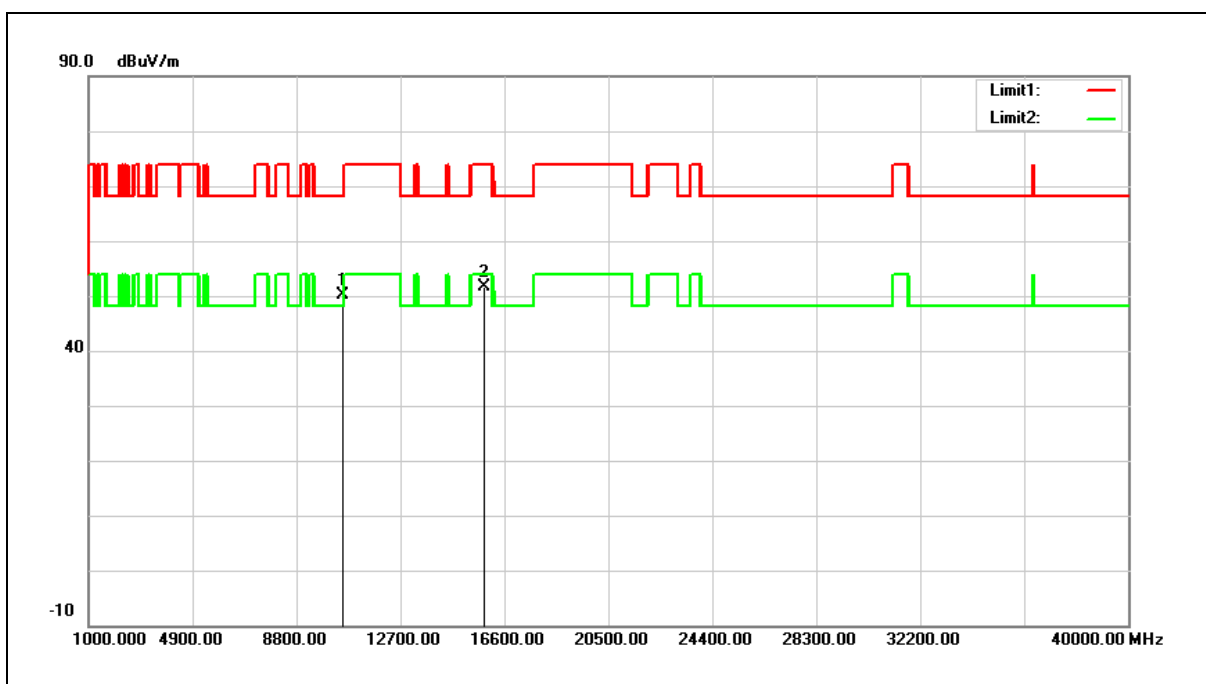
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	32.48	17.87	50.35	68.20	-17.85	peak
2	15840.000	33.21	19.89	53.10	74.00	-20.90	peak
3	15840.000	24.98	19.89	44.87	54.00	-9.13	AVG

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:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



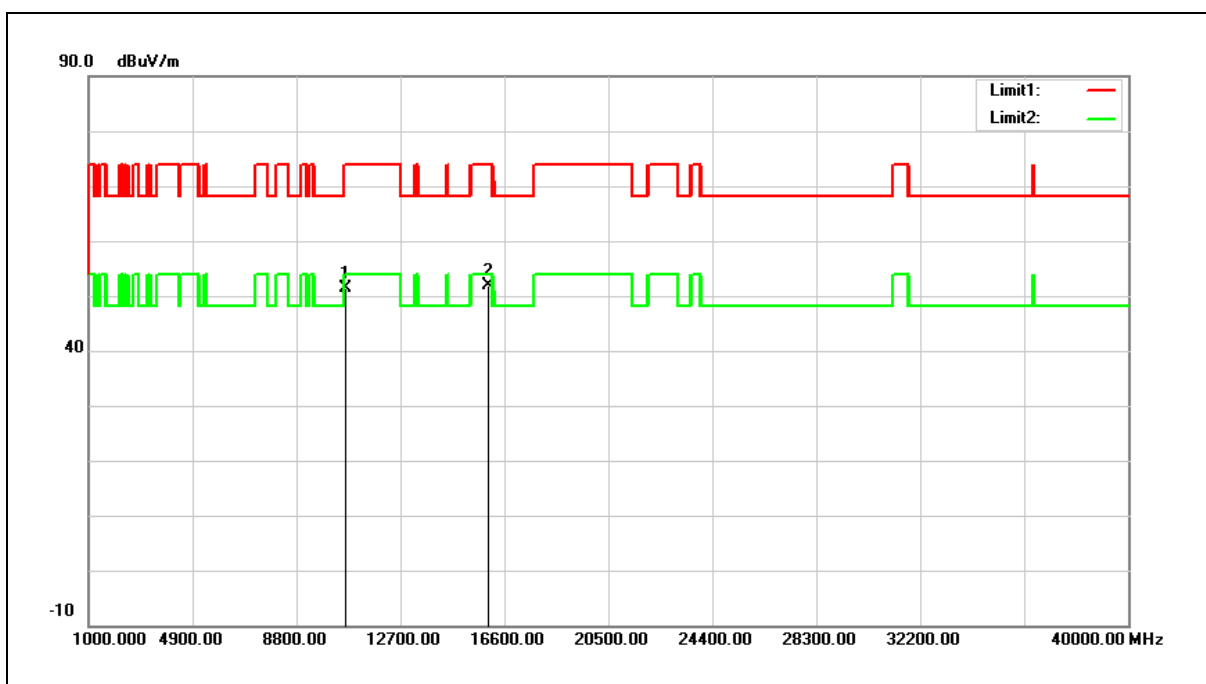
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	32.29	17.87	50.16	68.20	-18.04	peak
2	15840.000	31.82	19.89	51.71	74.00	-22.29	peak

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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



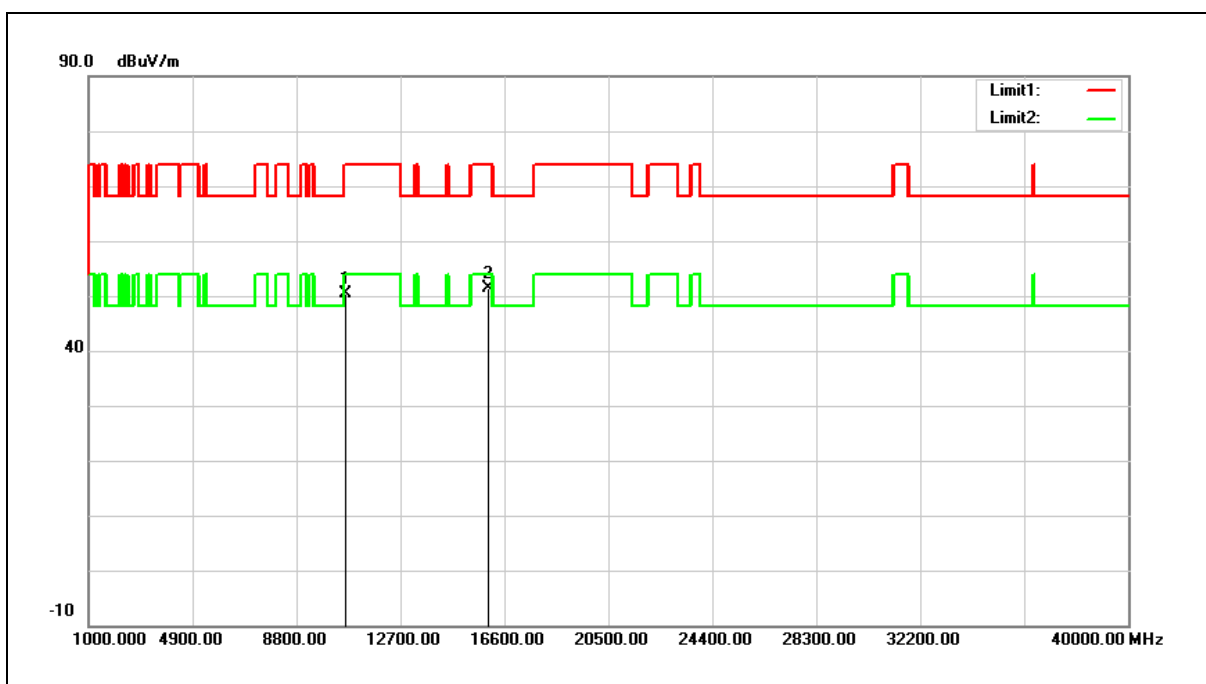
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	33.39	18.01	51.40	74.00	-22.60	peak
2	15960.000	32.26	19.51	51.77	74.00	-22.23	peak

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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



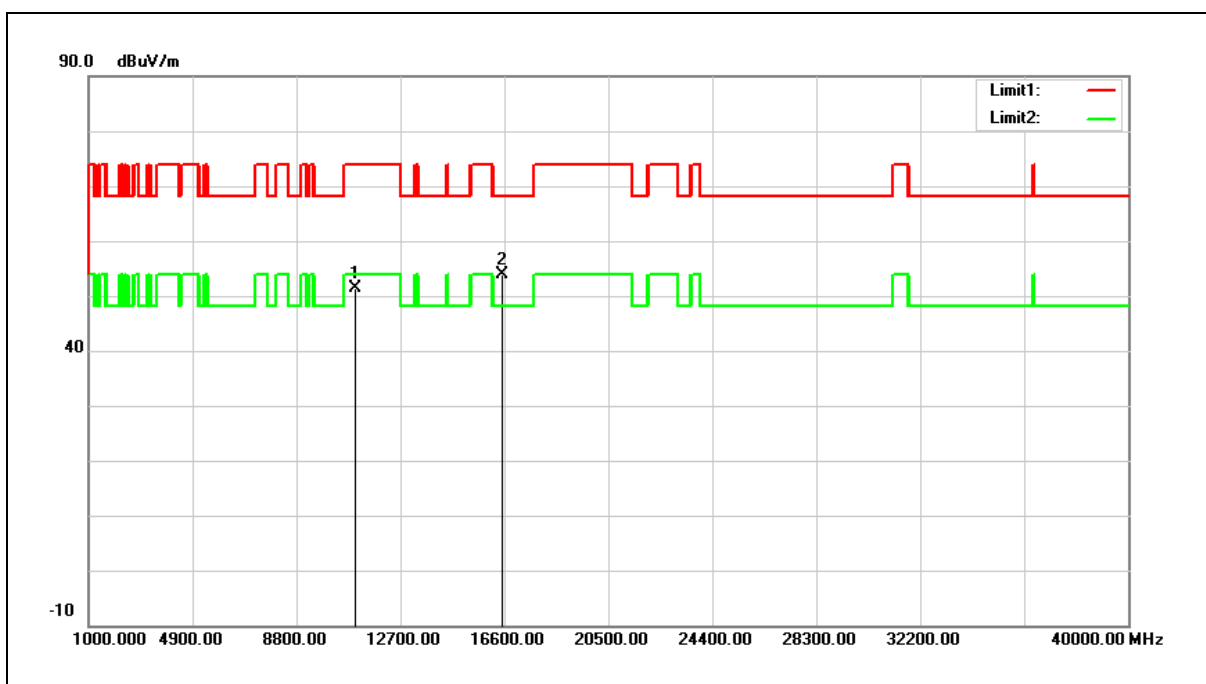
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	32.29	18.01	50.30	74.00	-23.70	peak
2	15960.000	31.87	19.51	51.38	74.00	-22.62	peak

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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



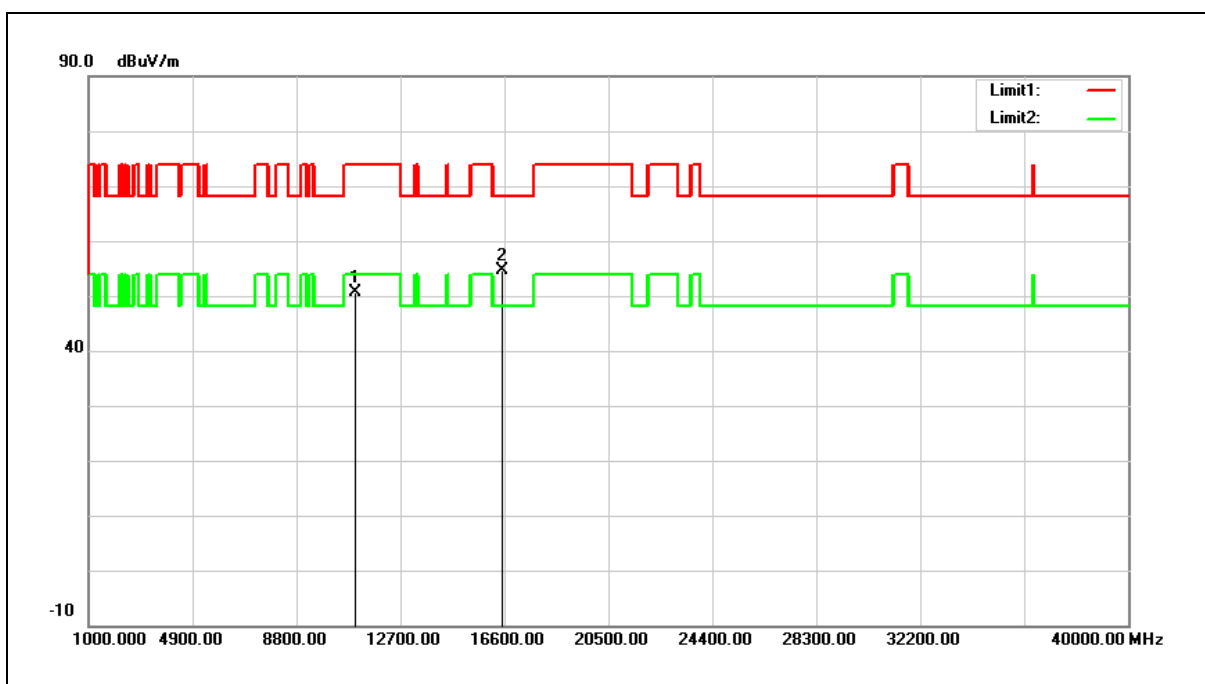
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	32.69	18.61	51.30	74.00	-22.70	peak
2	16500.000	32.30	21.68	53.98	68.20	-14.22	peak

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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



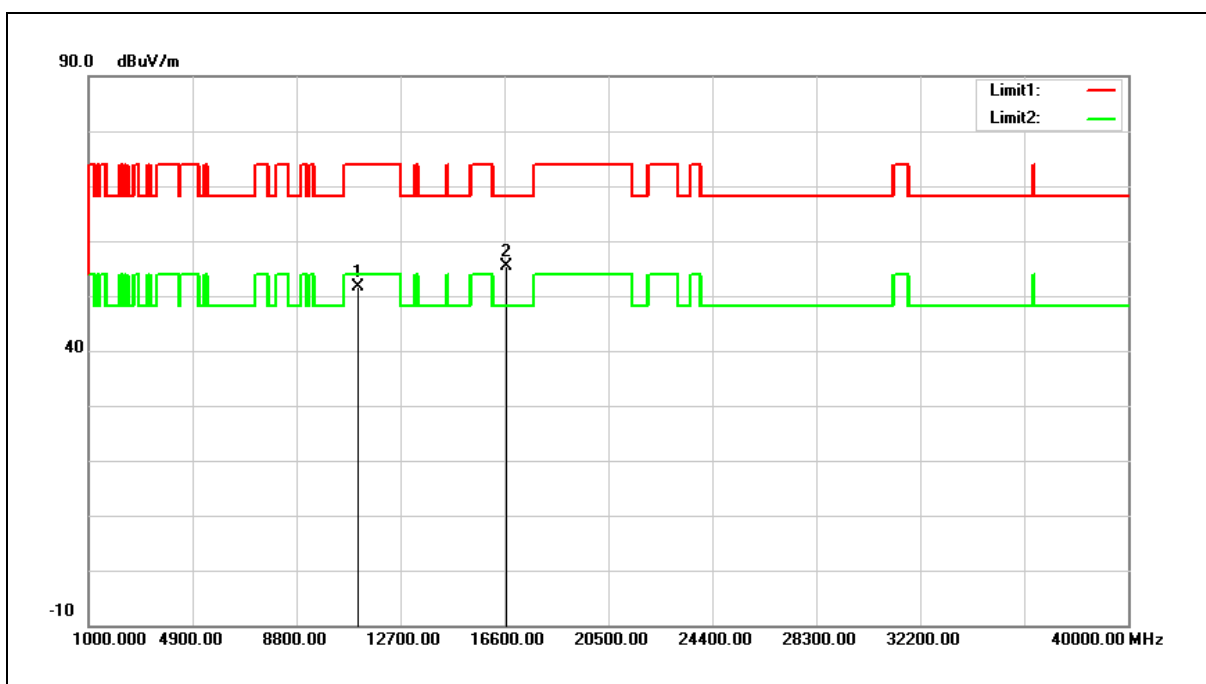
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	32.04	18.61	50.65	74.00	-23.35	peak
2	16500.000	32.90	21.68	54.58	68.20	-13.62	peak

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:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



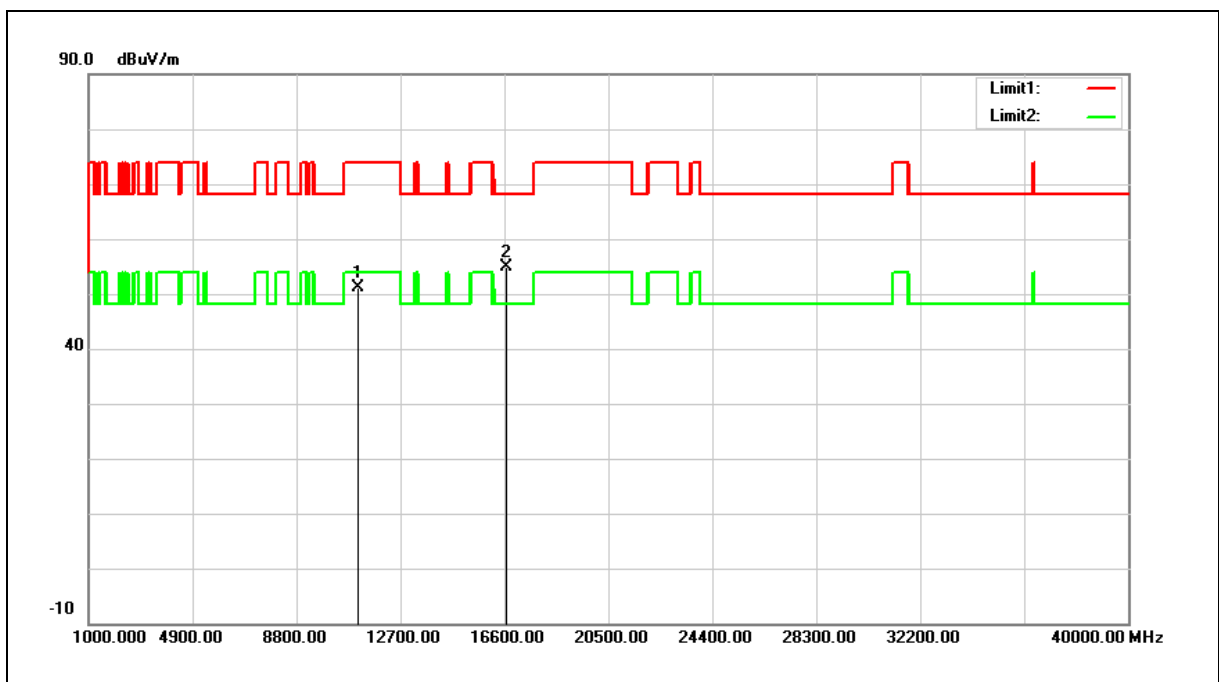
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	32.85	18.78	51.63	74.00	-22.37	peak
2	16680.000	32.75	22.64	55.39	68.20	-12.81	peak

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:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



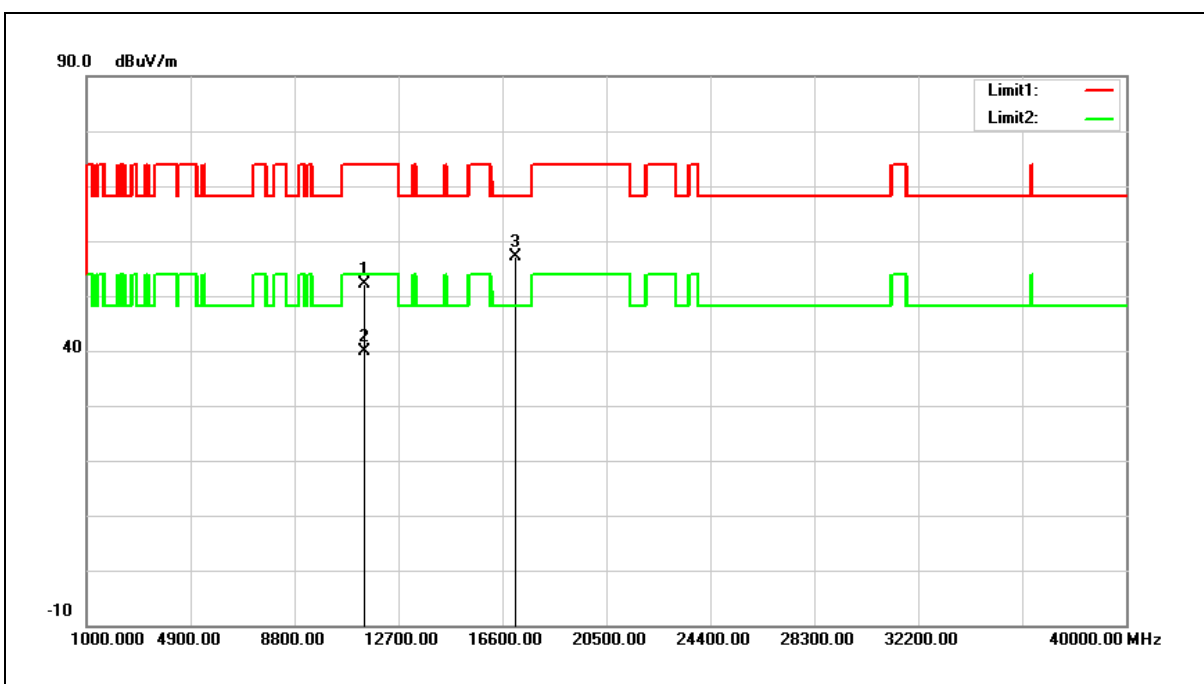
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	32.25	18.78	51.03	74.00	-22.97	peak
2	16680.000	32.25	22.64	54.89	68.20	-13.31	peak

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:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



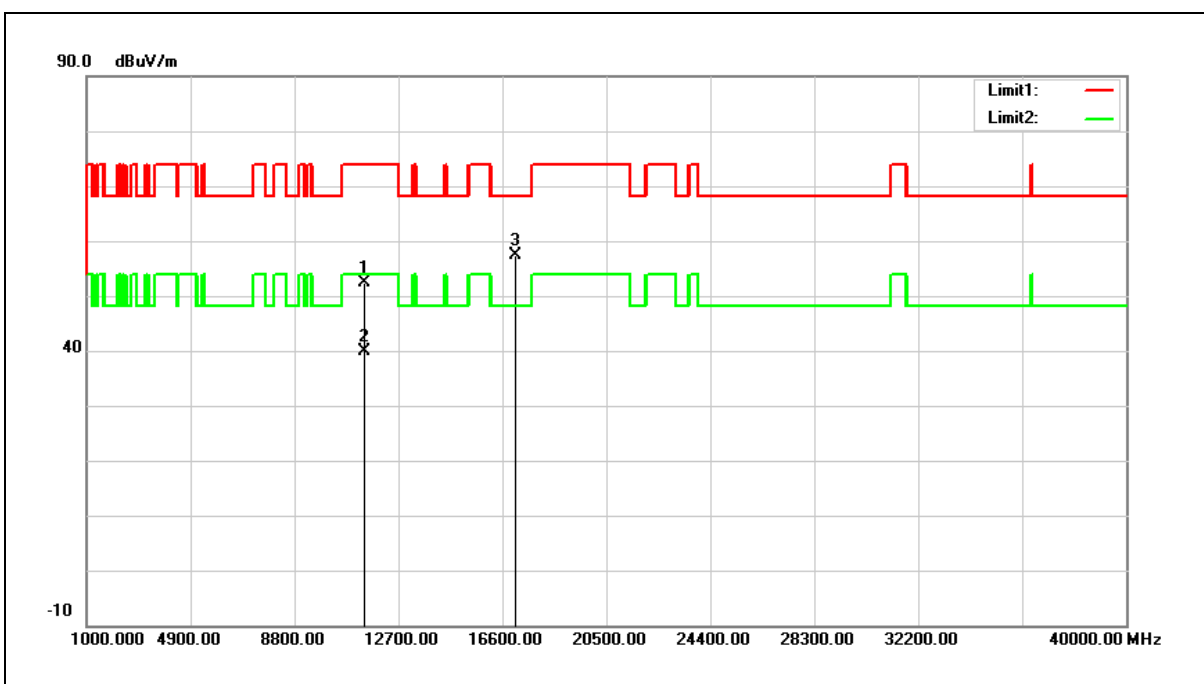
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	32.92	19.18	52.10	74.00	-21.90	peak
2	11400.000	20.67	19.18	39.85	54.00	-14.15	AVG
3	17100.000	32.46	24.64	57.10	68.20	-11.10	peak

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:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



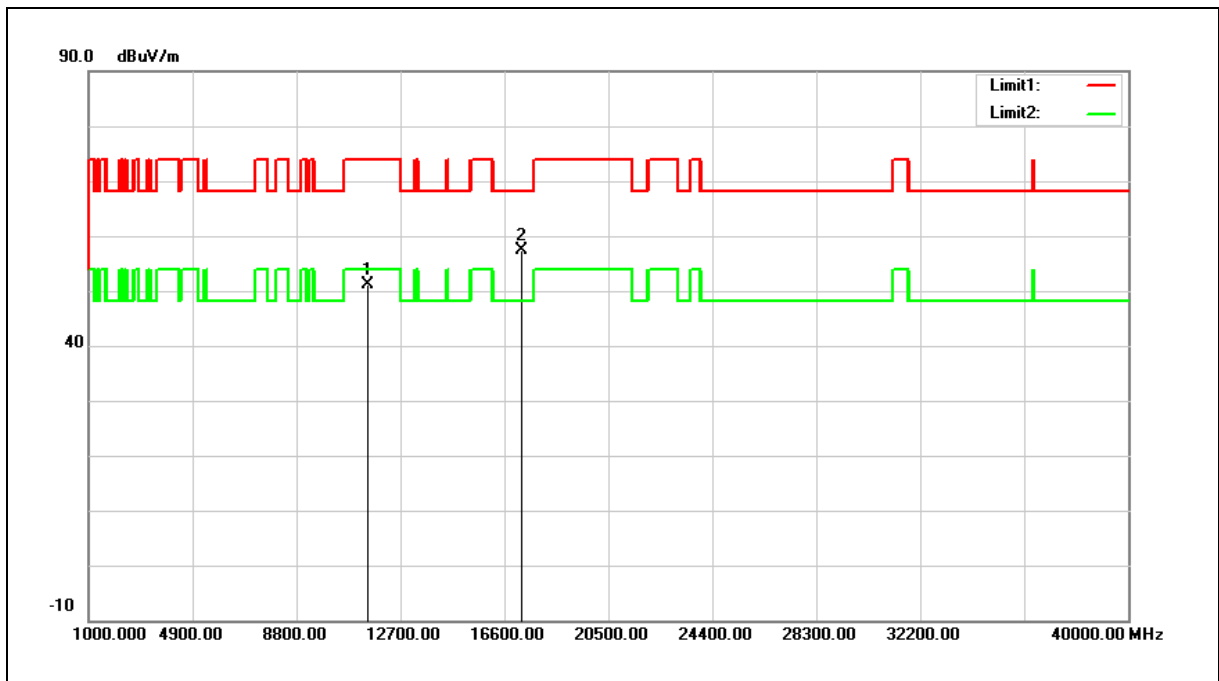
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	33.27	19.18	52.45	74.00	-21.55	peak
2	11400.000	20.65	19.18	39.83	54.00	-14.17	AVG
3	17100.000	32.65	24.64	57.29	68.20	-10.91	peak

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:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	31.91	19.30	51.21	74.00	-22.79	peak
2	17235.000	32.29	25.04	57.33	68.20	-10.87	peak

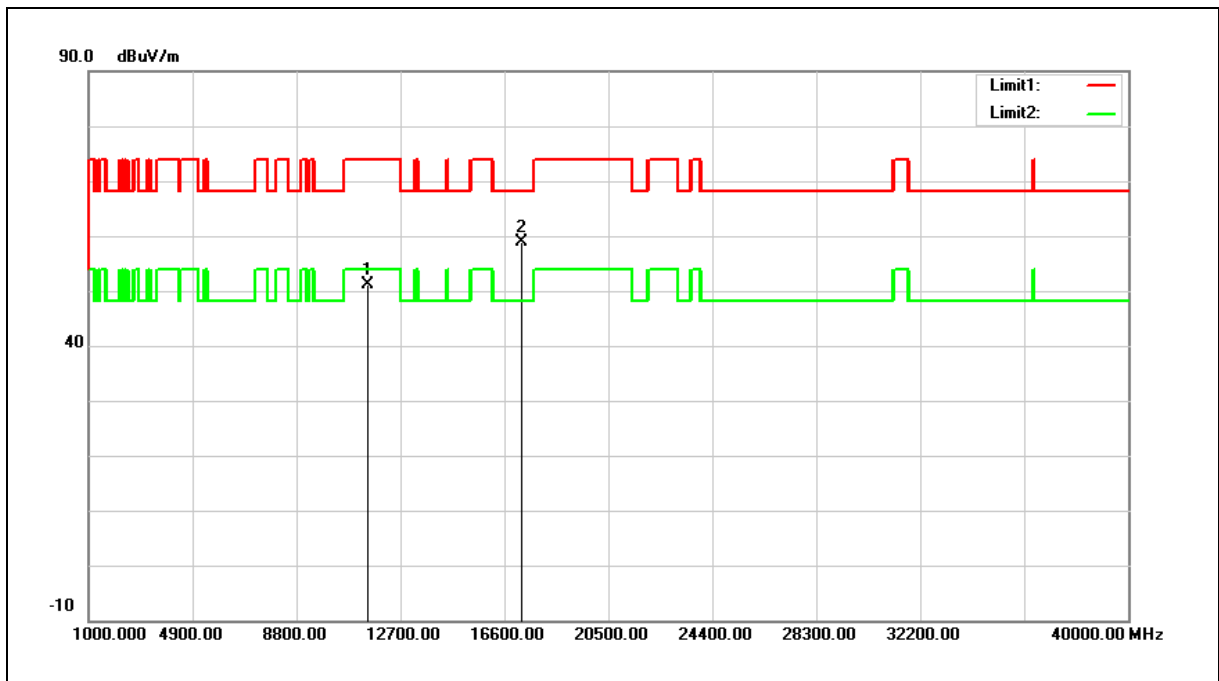
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



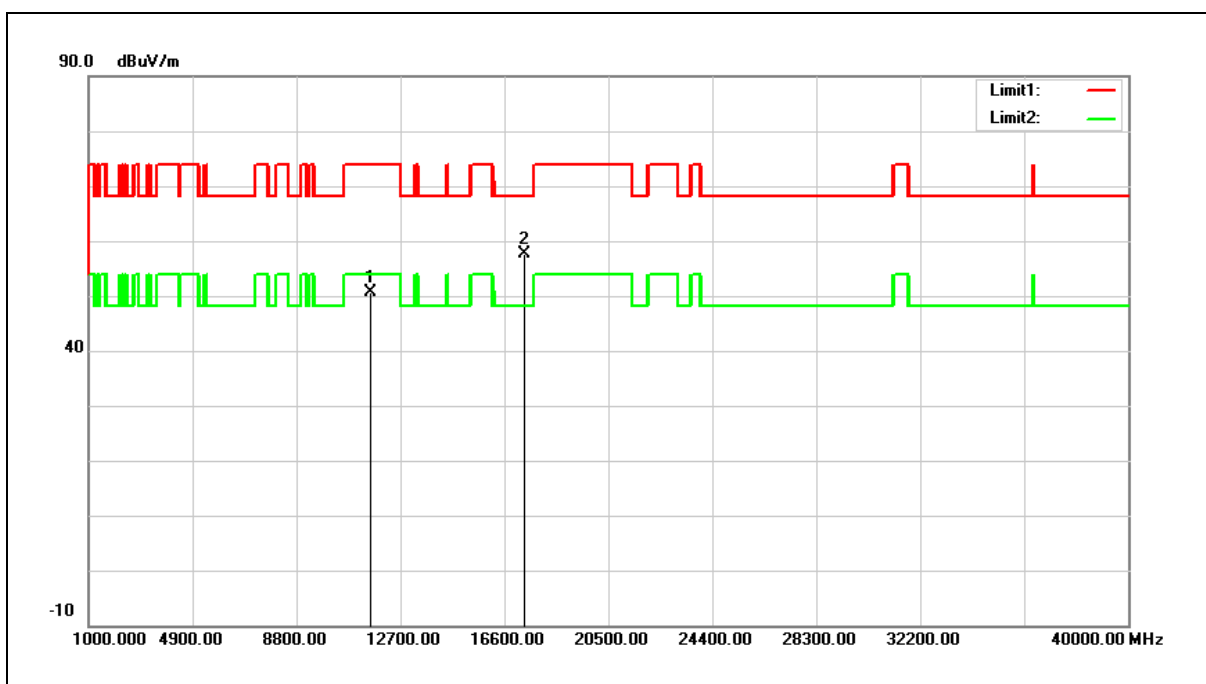
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	31.88	19.30	51.18	74.00	-22.82	peak
2	17235.000	33.78	25.04	58.82	68.20	-9.38	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



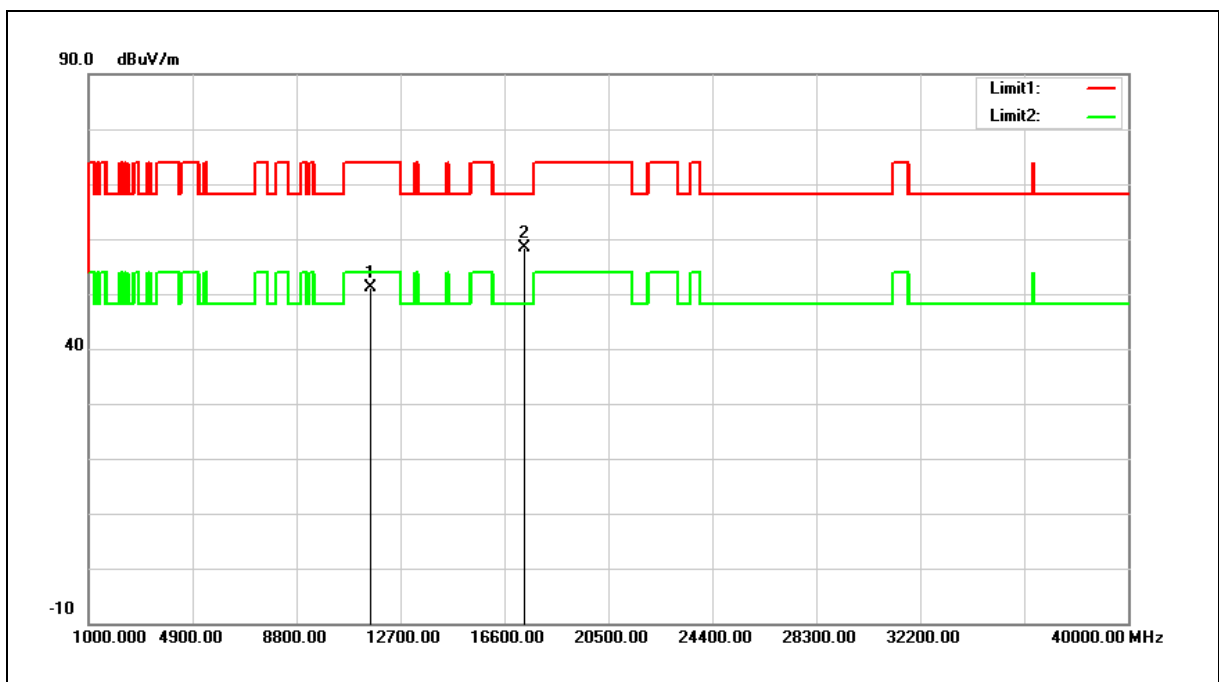
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	31.38	19.27	50.65	74.00	-23.35	peak
2	17355.000	32.19	25.40	57.59	68.20	-10.61	peak

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:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



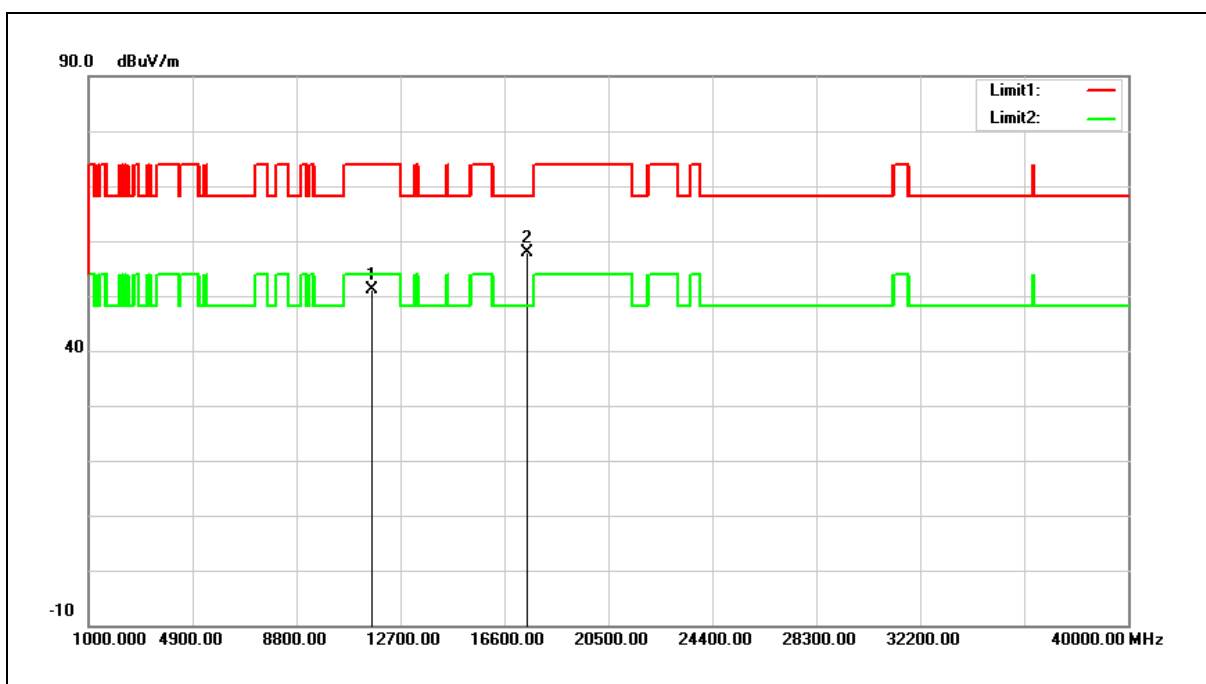
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	31.79	19.27	51.06	74.00	-22.94	peak
2	17355.000	32.93	25.40	58.33	68.20	-9.87	peak

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:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



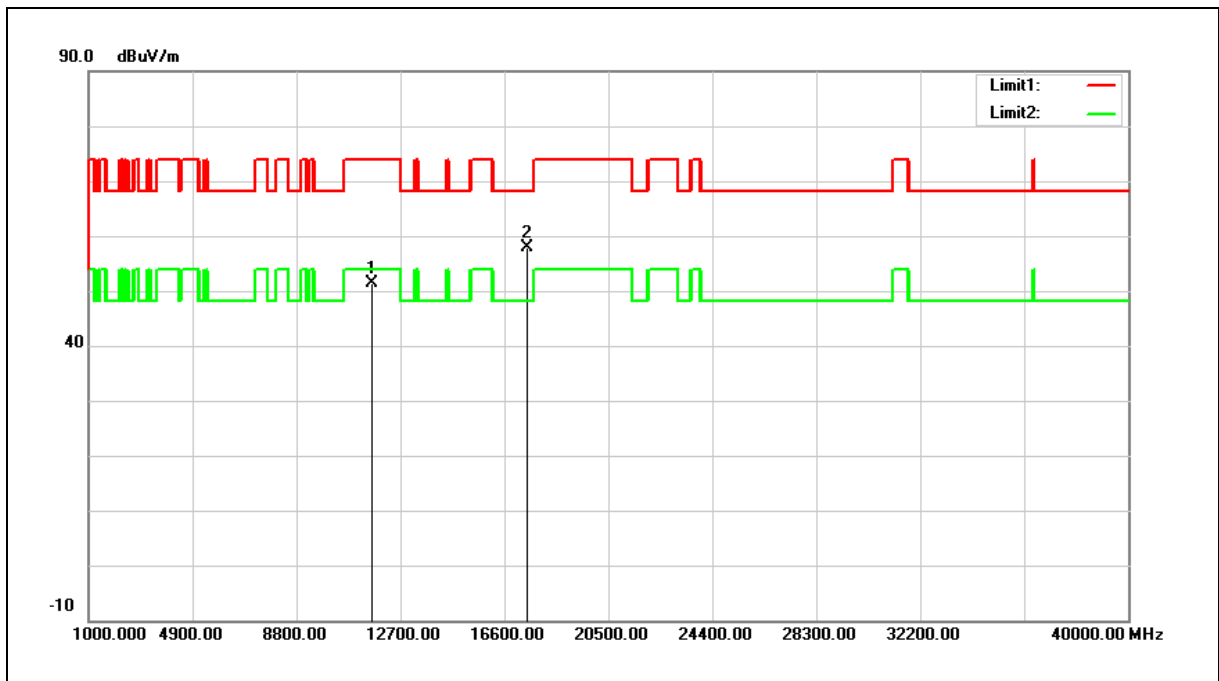
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	31.92	19.23	51.15	74.00	-22.85	peak
2	17475.000	32.22	25.74	57.96	68.20	-10.24	peak

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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



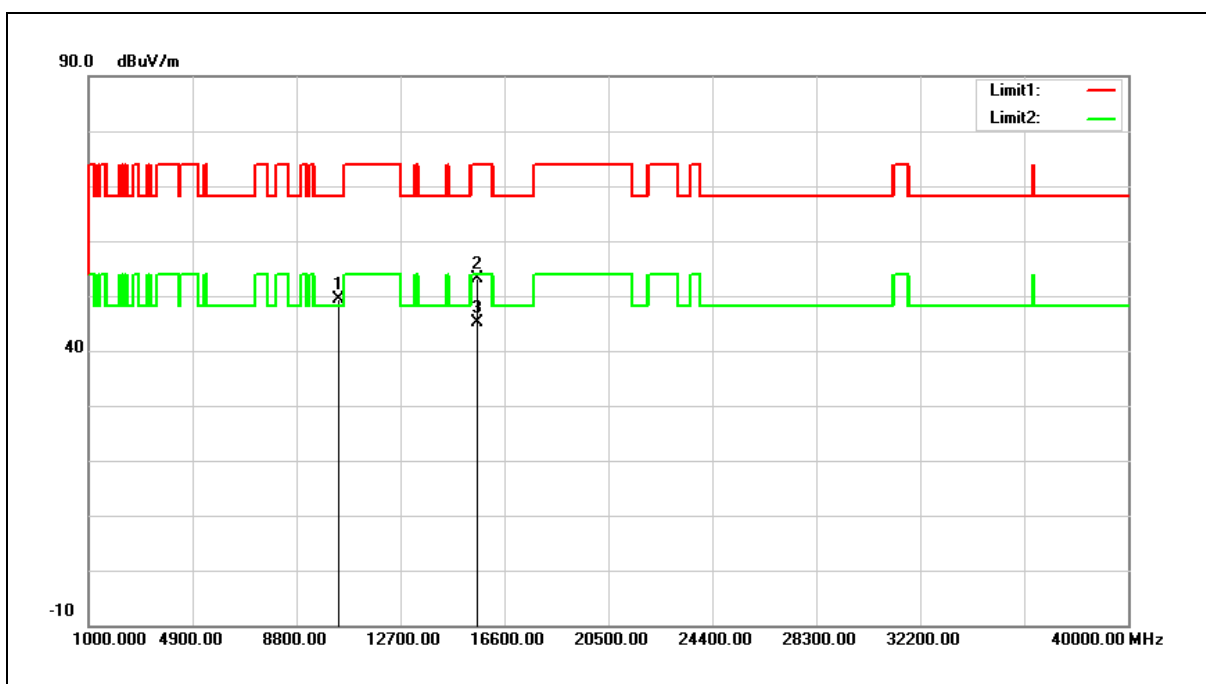
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	32.25	19.23	51.48	74.00	-22.52	peak
2	17475.000	32.17	25.74	57.91	68.20	-10.29	peak

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:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



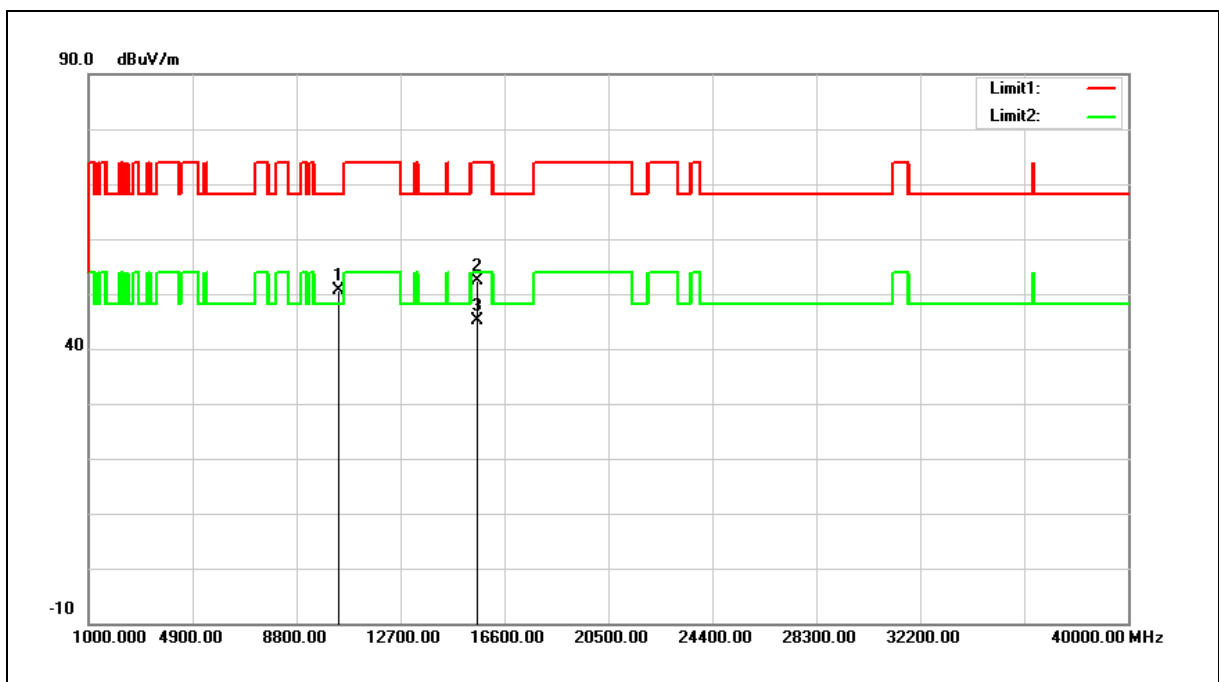
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	32.10	17.39	49.49	68.20	-18.71	peak
2	15570.000	32.32	20.75	53.07	74.00	-20.93	peak
3	15570.000	24.40	20.75	45.15	54.00	-8.85	AVG

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:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



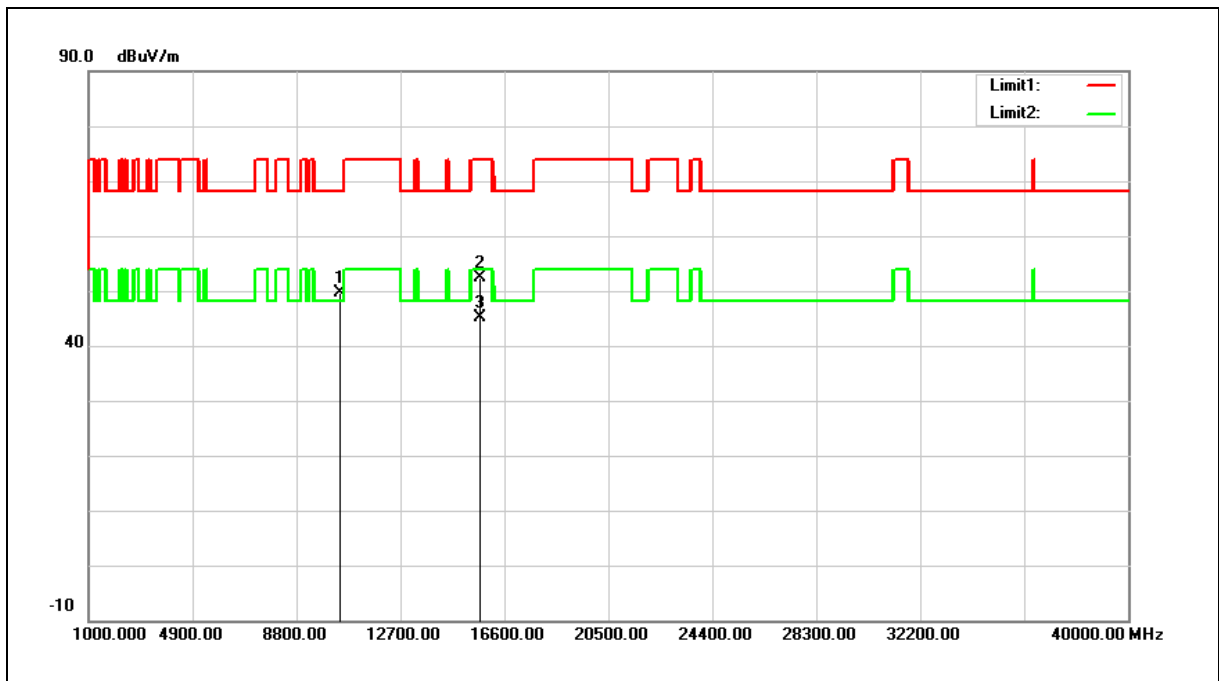
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	33.35	17.39	50.74	68.20	-17.46	peak
2	15570.000	31.62	20.75	52.37	74.00	-21.63	peak
3	15570.000	24.27	20.75	45.02	54.00	-8.98	AVG

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:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



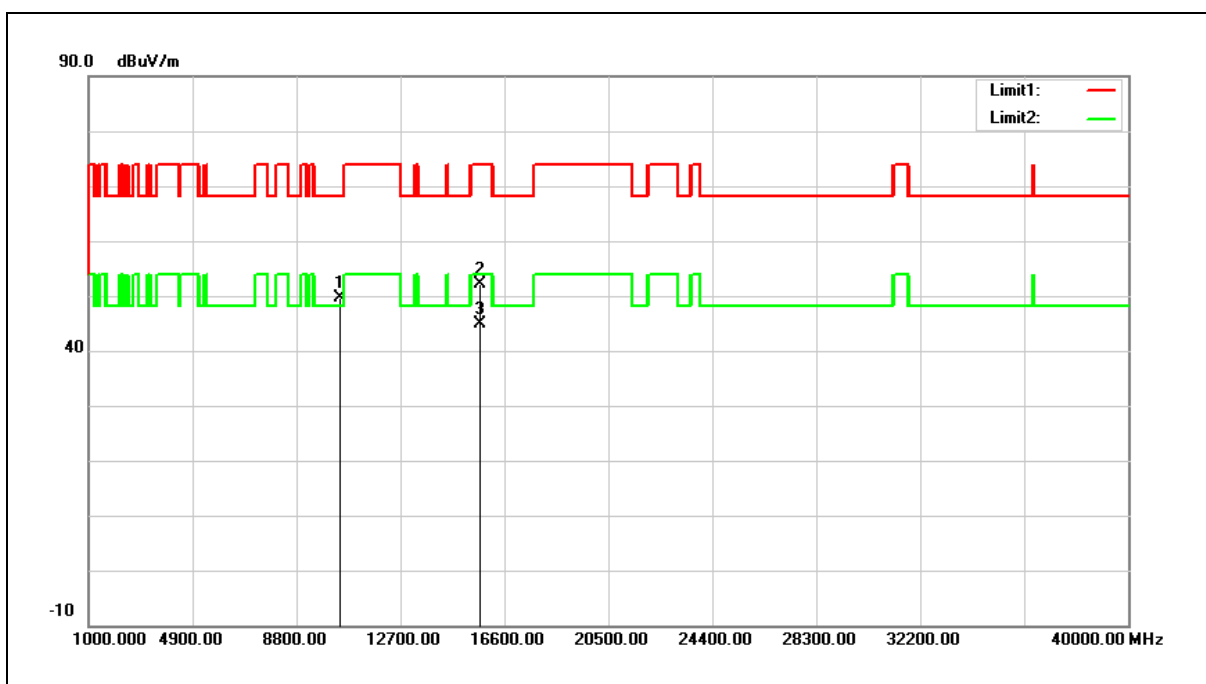
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	32.04	17.65	49.69	68.20	-18.51	peak
2	15690.000	31.98	20.36	52.34	74.00	-21.66	peak
3	15690.000	24.85	20.36	45.21	54.00	-8.79	AVG

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:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	31.94	17.65	49.59	68.20	-18.61	peak
2	15690.000	31.88	20.36	52.24	74.00	-21.76	peak
3	15690.000	24.61	20.36	44.97	54.00	-9.03	AVG

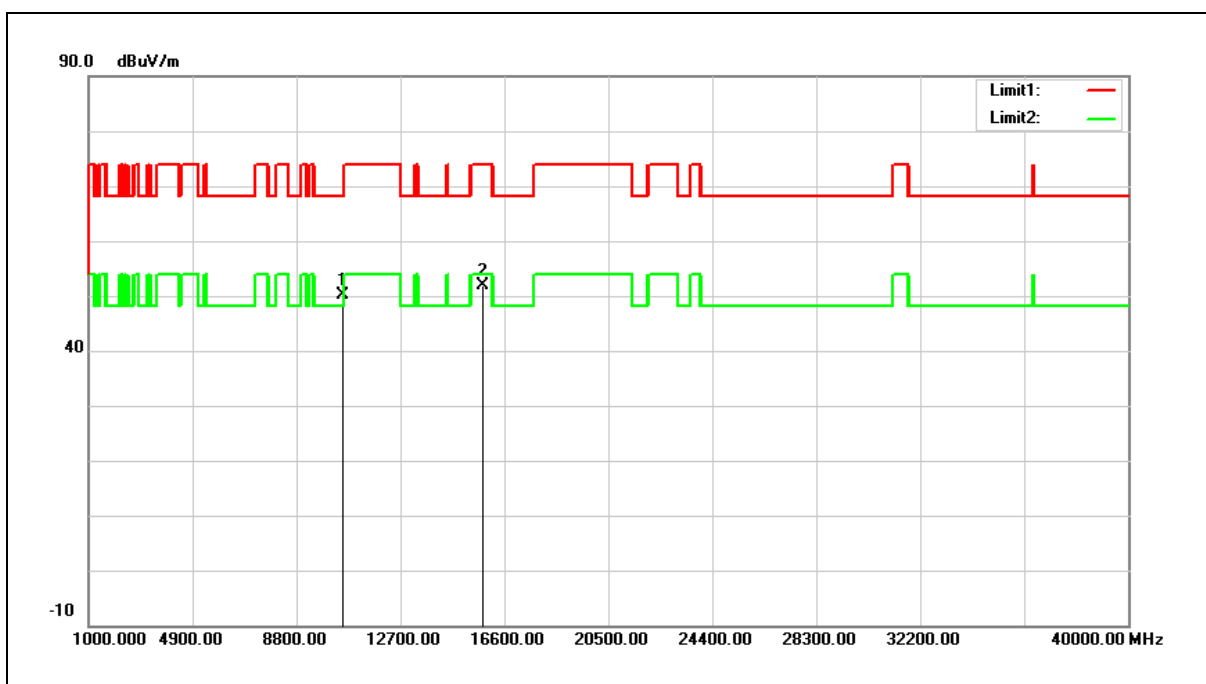
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



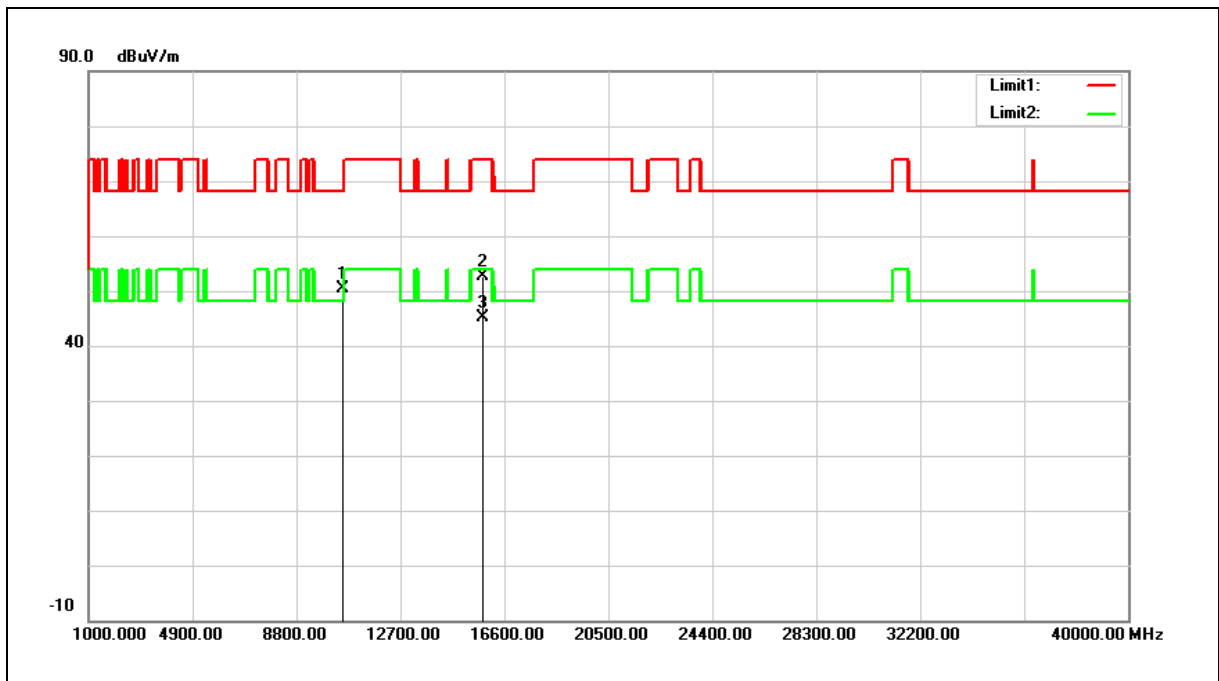
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	32.32	17.84	50.16	68.20	-18.04	peak
2	15810.000	31.89	19.98	51.87	74.00	-22.13	peak

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:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	10540.000	32.54	17.84	50.38	68.20	-17.82	peak
2	15810.000	32.71	19.98	52.69	74.00	-21.31	peak
3	15810.000	25.10	19.98	45.08	54.00	-8.92	AVG

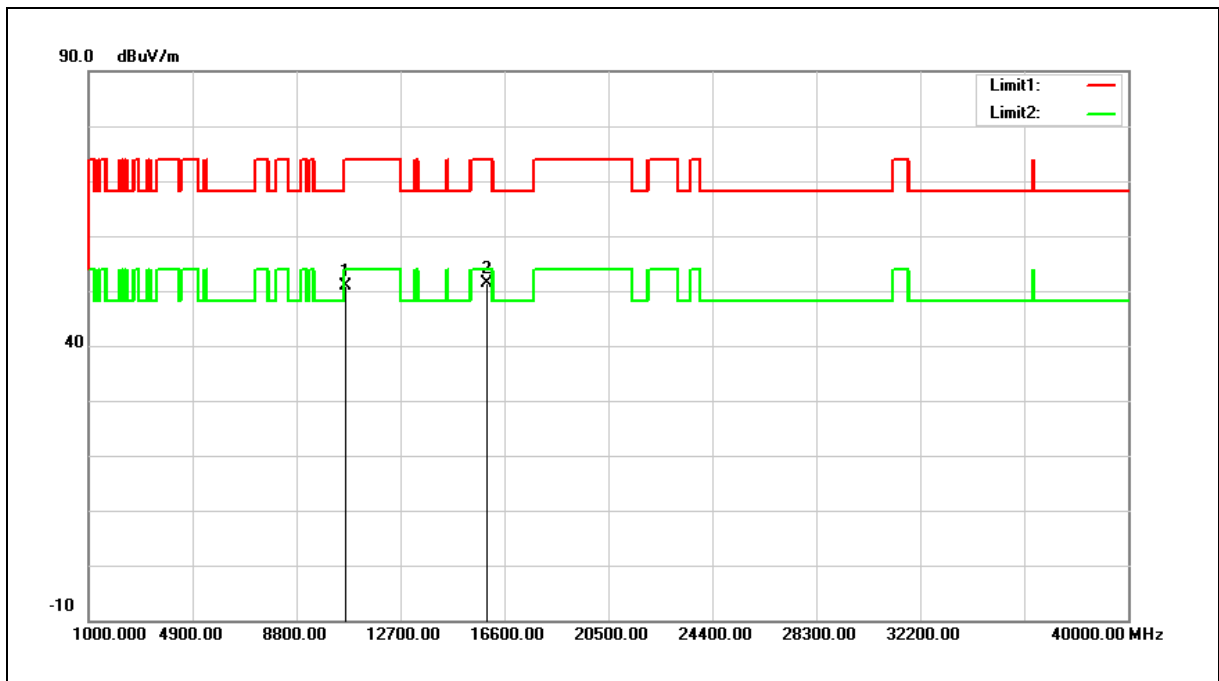
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	10620.000	32.94	17.96	50.90	74.00	-23.10	peak
2	15930.000	31.82	19.59	51.41	74.00	-22.59	peak

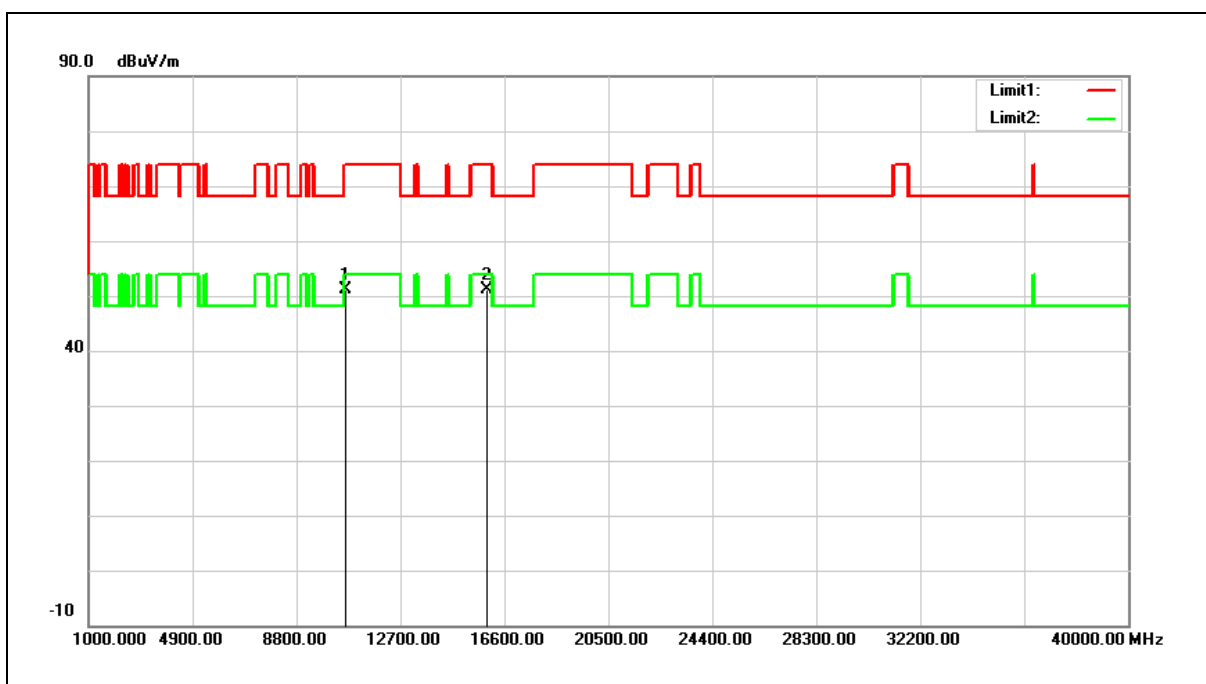
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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
Frequency:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	10620.000	33.24	17.96	51.20	74.00	-22.80	peak
2	15930.000	31.59	19.59	51.18	74.00	-22.82	peak

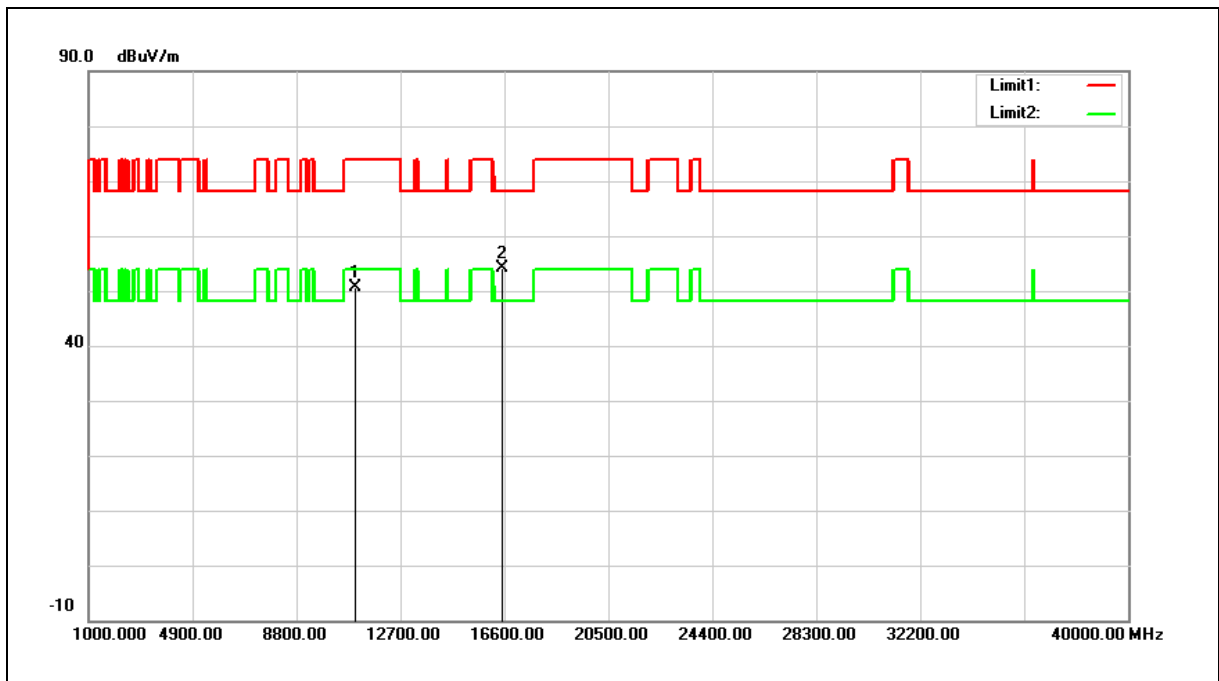
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



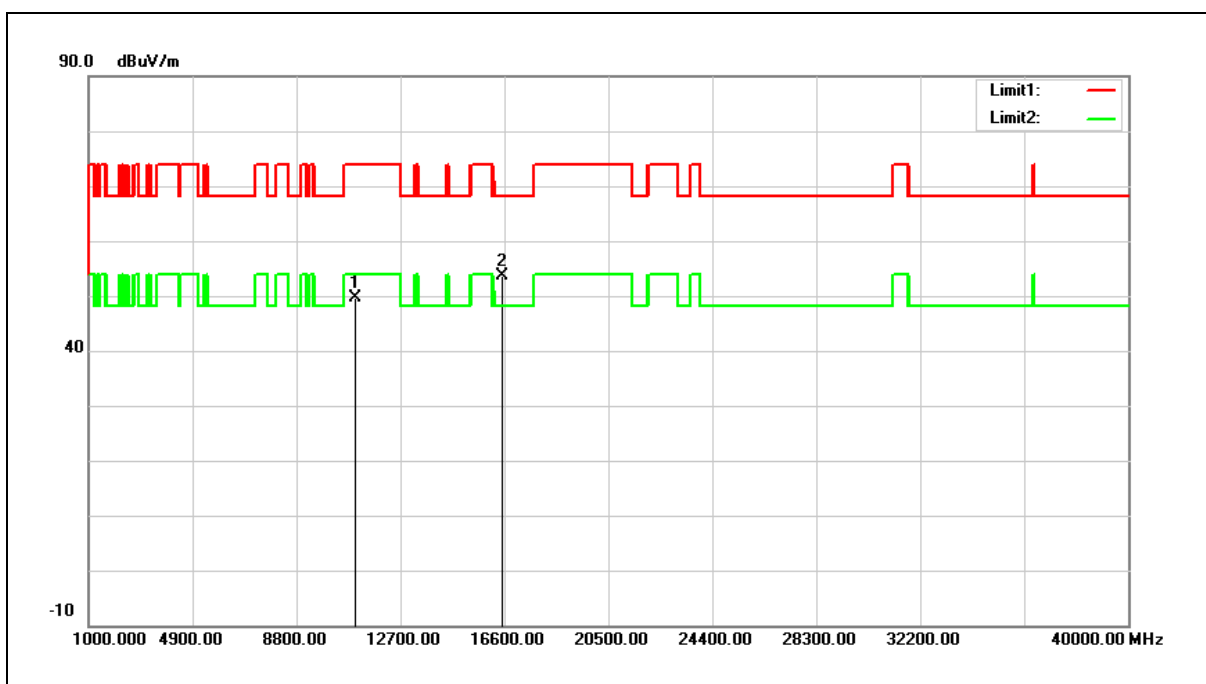
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	31.87	18.64	50.51	74.00	-23.49	peak
2	16530.000	32.19	21.84	54.03	68.20	-14.17	peak

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:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



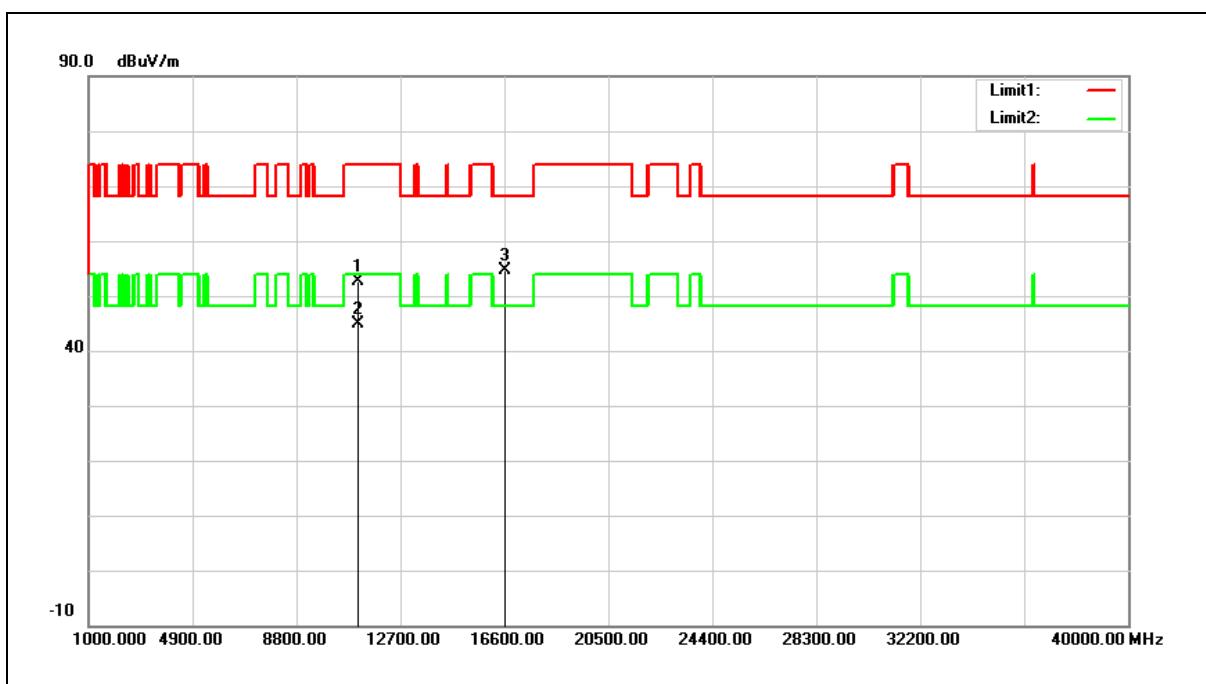
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	31.07	18.64	49.71	74.00	-24.29	peak
2	16530.000	31.80	21.84	53.64	68.20	-14.56	peak

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:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



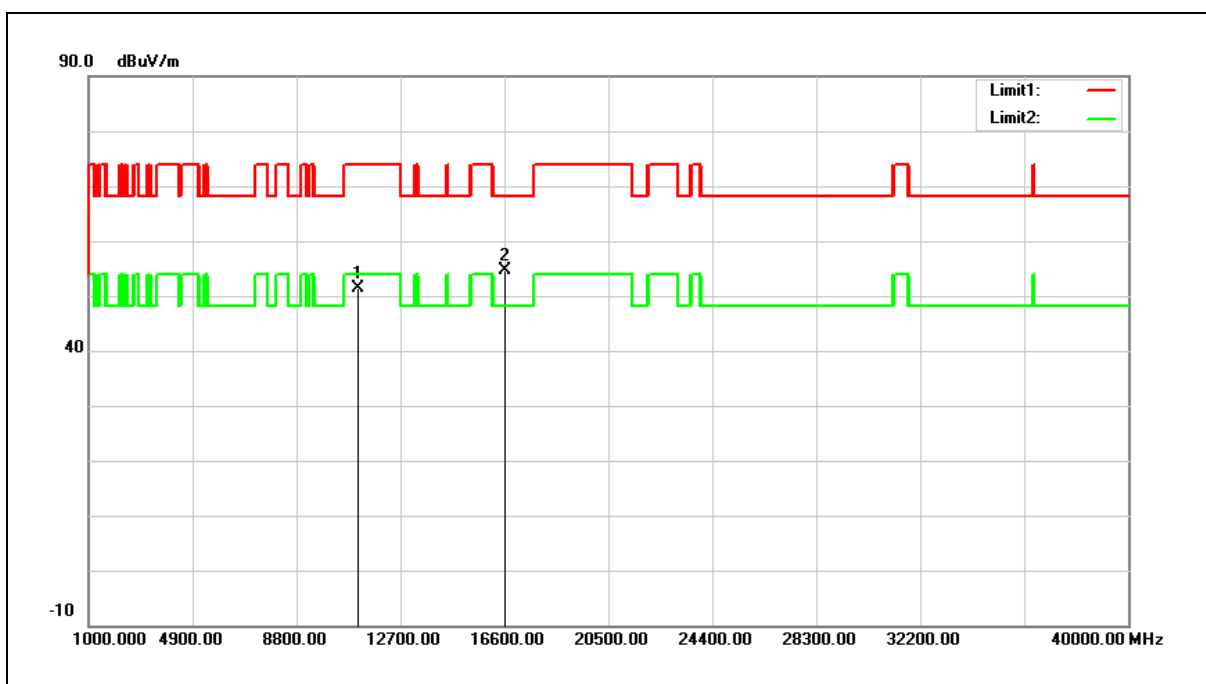
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	33.96	18.75	52.71	74.00	-21.29	peak
2	11100.000	26.18	18.75	44.93	54.00	-9.07	AVG
3	16650.000	32.13	22.47	54.60	68.20	-13.60	peak

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:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



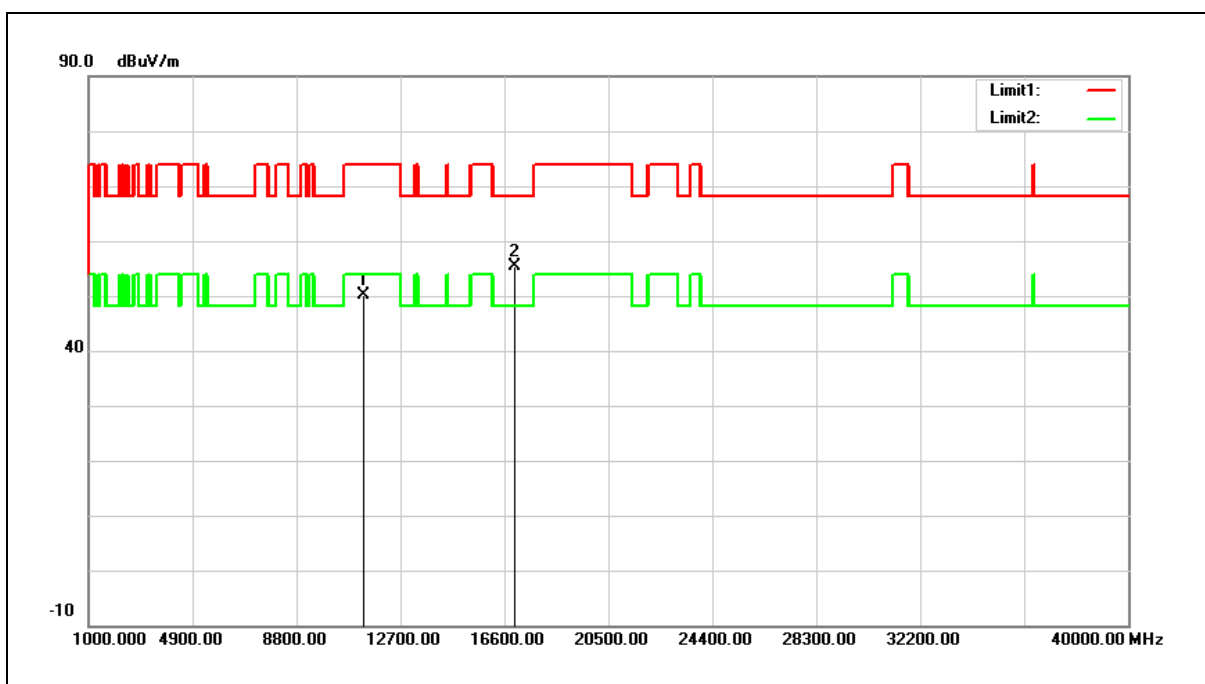
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	32.64	18.75	51.39	74.00	-22.61	peak
2	16650.000	32.18	22.47	54.65	68.20	-13.55	peak

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:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



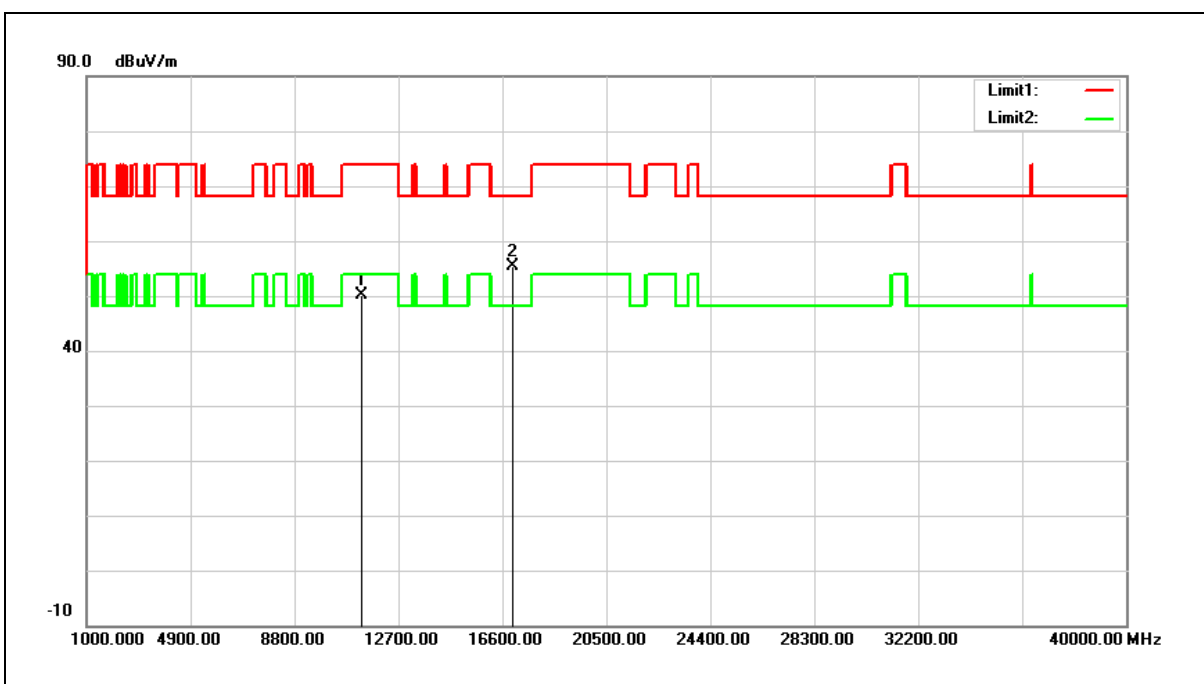
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	31.16	19.09	50.25	74.00	-23.75	peak
2	17010.000	30.96	24.38	55.34	68.20	-12.86	peak

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:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	11340.000	31.07	19.09	50.16	74.00	-23.84	peak
2	17010.000	31.05	24.38	55.43	68.20	-12.77	peak

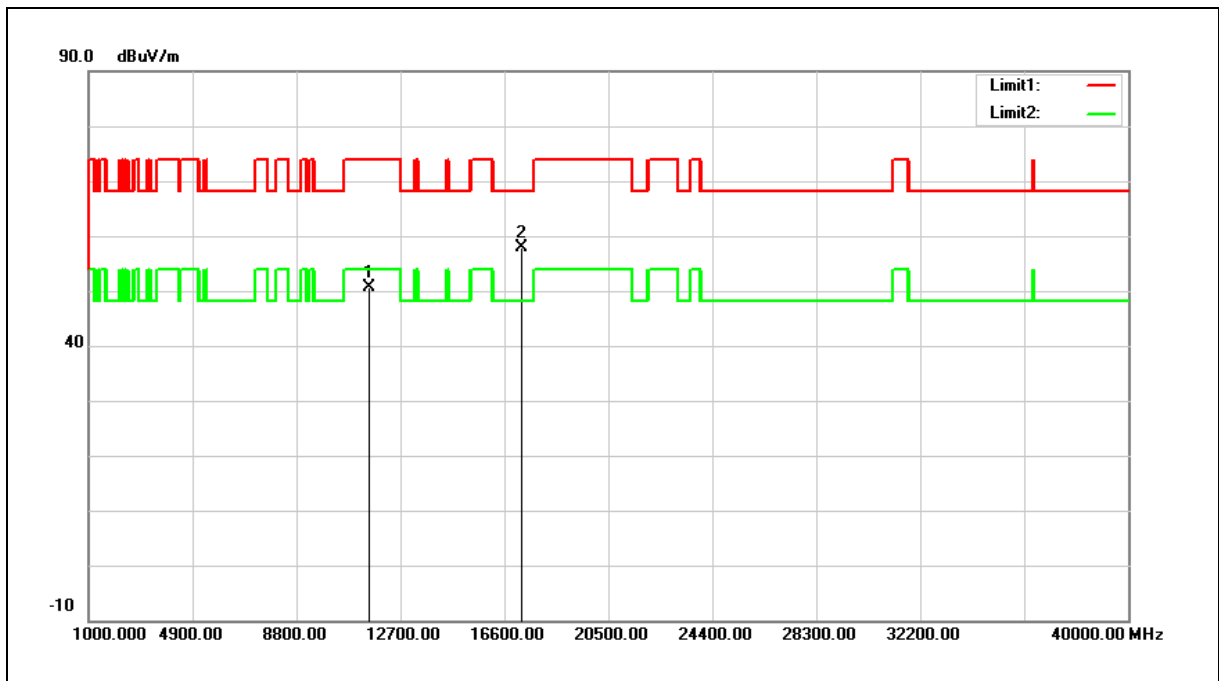
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	31.33	19.31	50.64	74.00	-23.36	peak
2	17265.000	32.74	25.13	57.87	68.20	-10.33	peak

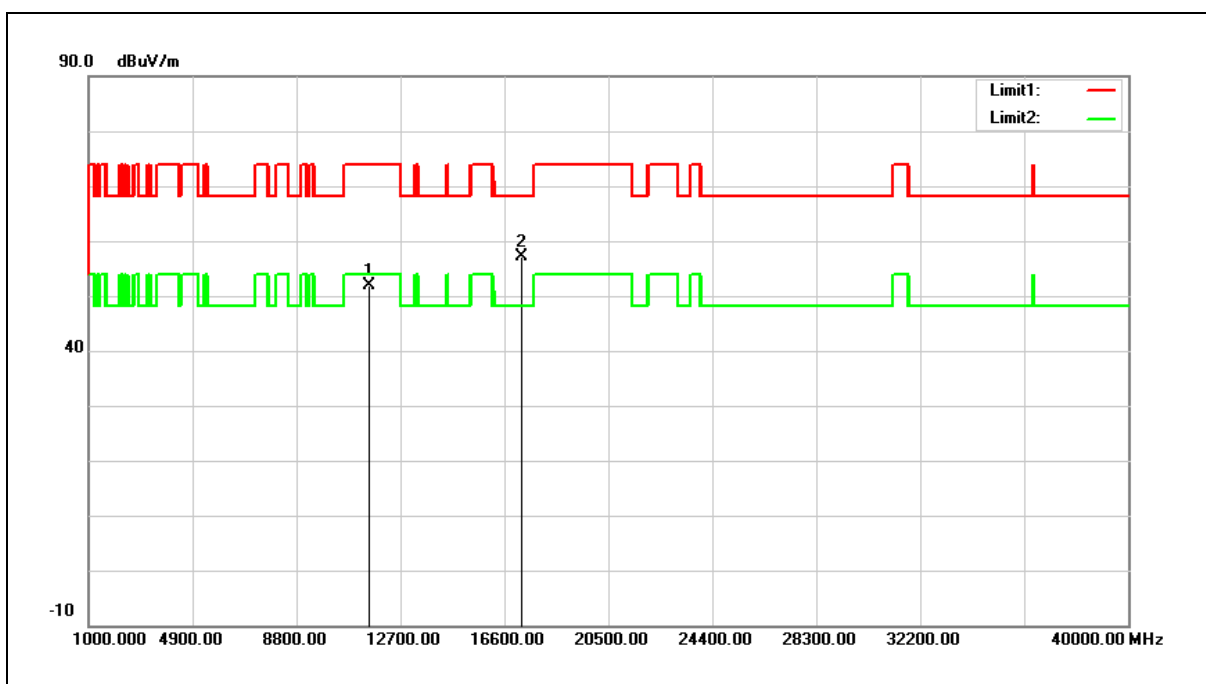
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



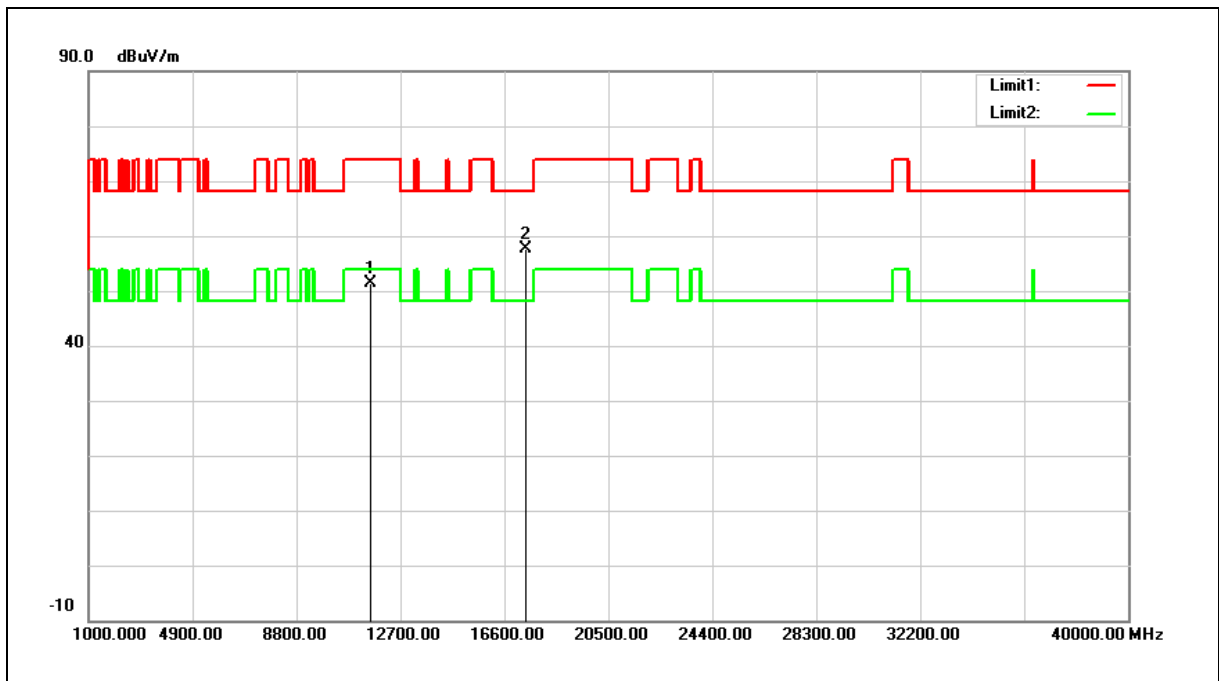
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	32.58	19.31	51.89	74.00	-22.11	peak
2	17265.000	32.04	25.13	57.17	68.20	-11.03	peak

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:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	32.10	19.26	51.36	74.00	-22.64	peak
2	17385.000	32.25	25.48	57.73	68.20	-10.47	peak

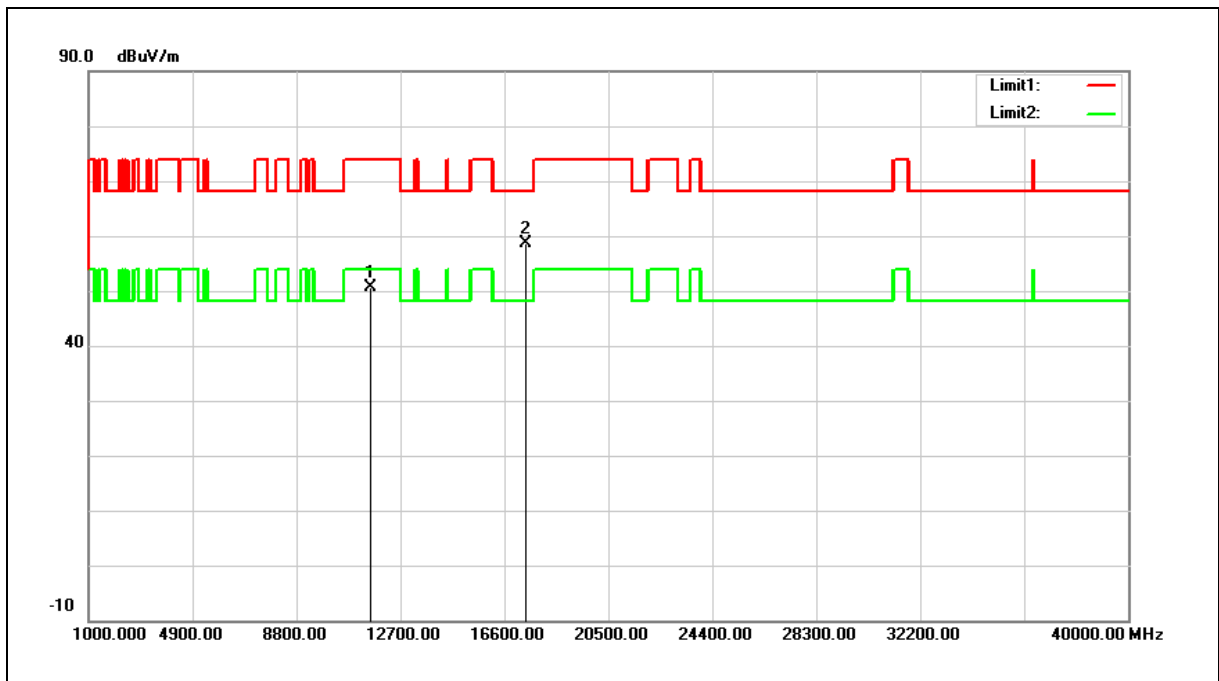
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



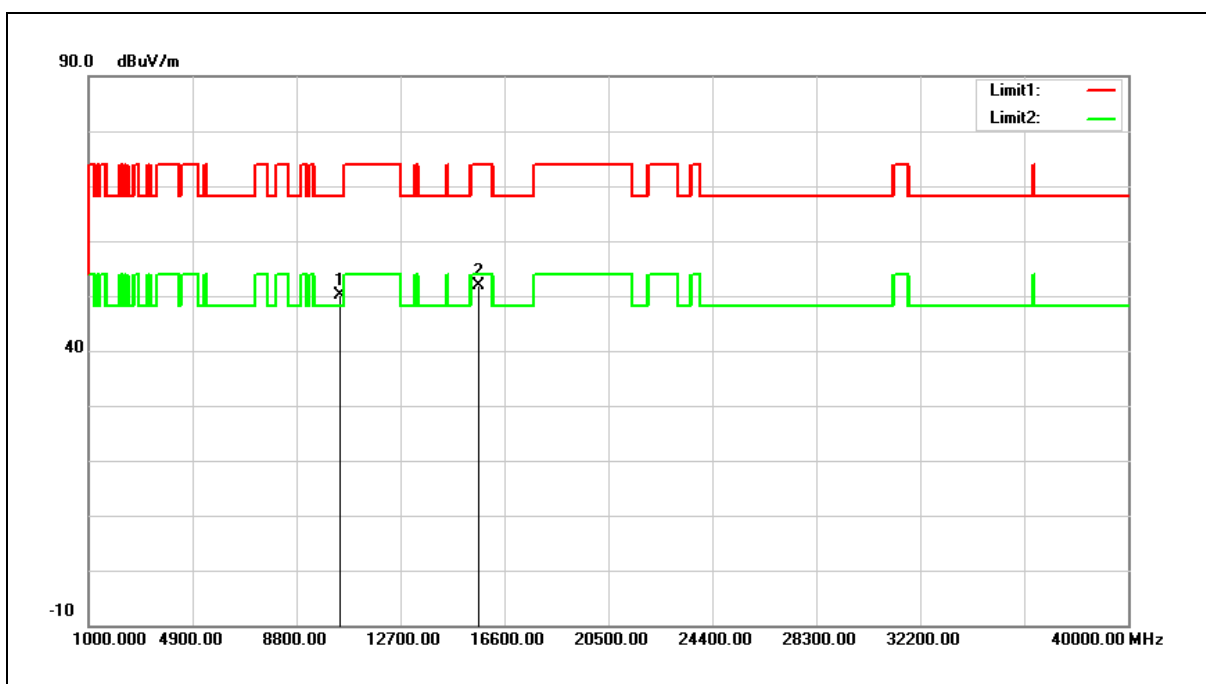
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	31.29	19.26	50.55	74.00	-23.45	peak
2	17385.000	33.04	25.48	58.52	68.20	-9.68	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



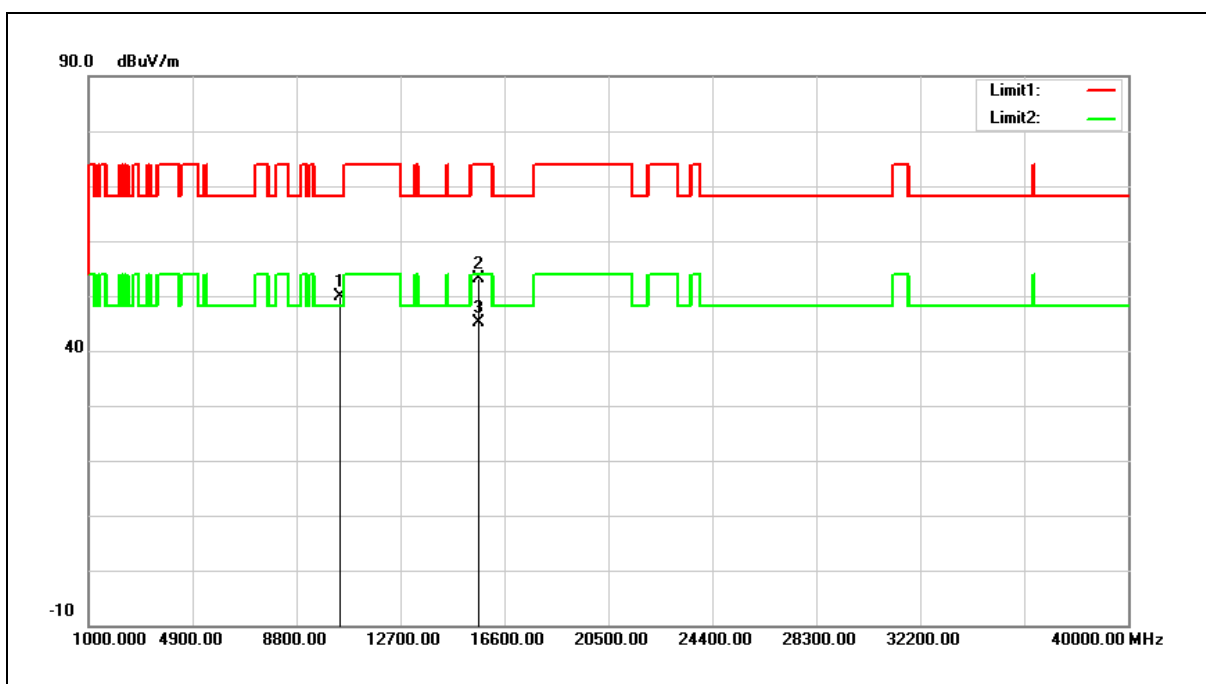
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	32.54	17.51	50.05	68.20	-18.15	peak
2	15630.000	31.22	20.55	51.77	74.00	-22.23	peak

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:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



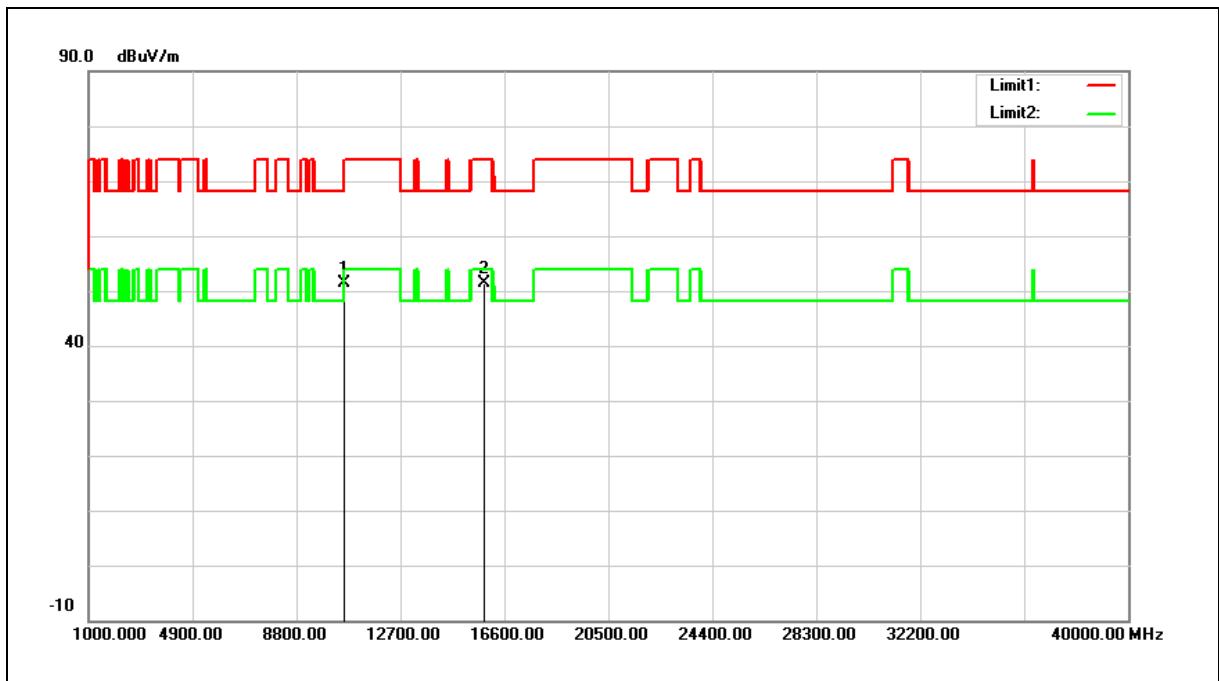
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	32.36	17.51	49.87	68.20	-18.33	peak
2	15630.000	32.53	20.55	53.08	74.00	-20.92	peak
3	15630.000	24.50	20.55	45.05	54.00	-8.95	AVG

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:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



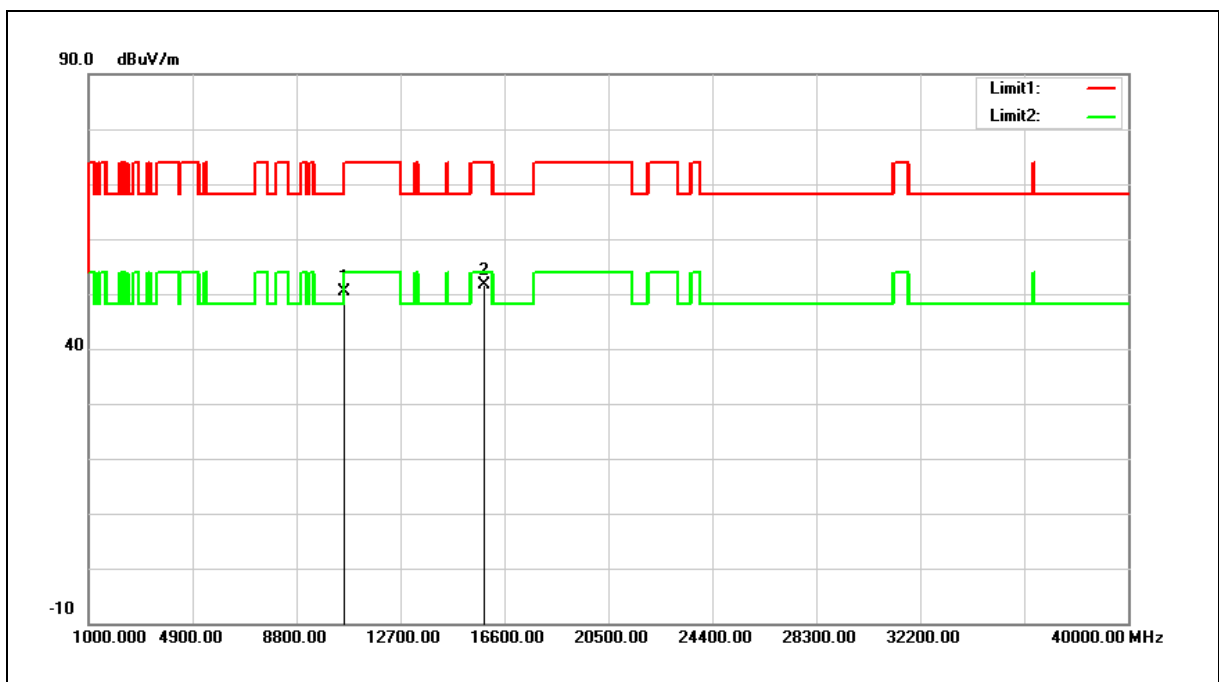
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	33.36	17.91	51.27	68.20	-16.93	peak
2	15870.000	31.54	19.80	51.34	74.00	-22.66	peak

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:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



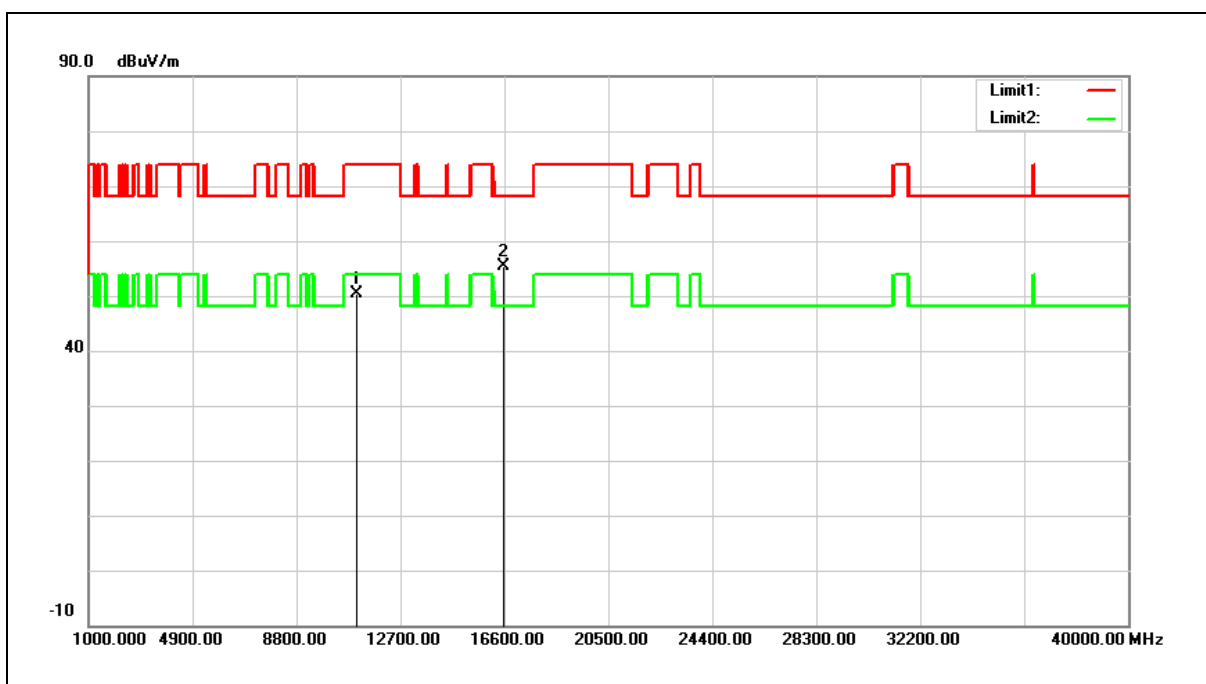
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	32.37	17.91	50.28	68.20	-17.92	peak
2	15870.000	31.81	19.80	51.61	74.00	-22.39	peak

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:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



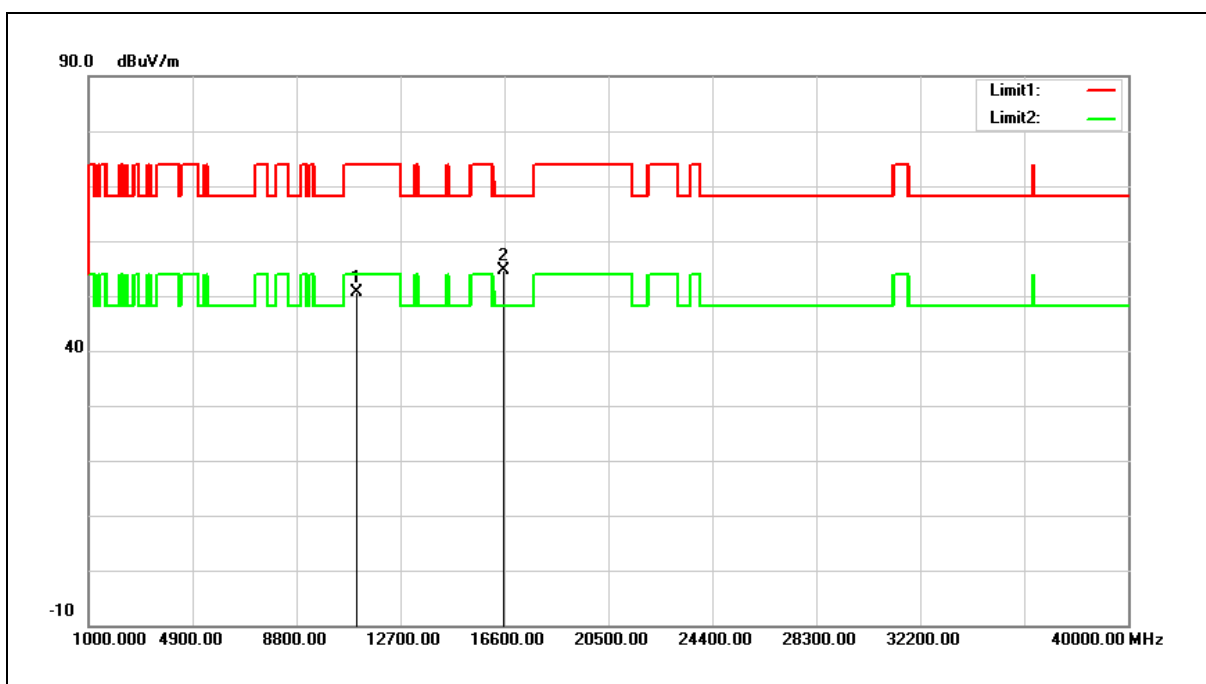
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	31.56	18.70	50.26	74.00	-23.74	peak
2	16590.000	33.14	22.16	55.30	68.20	-12.90	peak

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:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



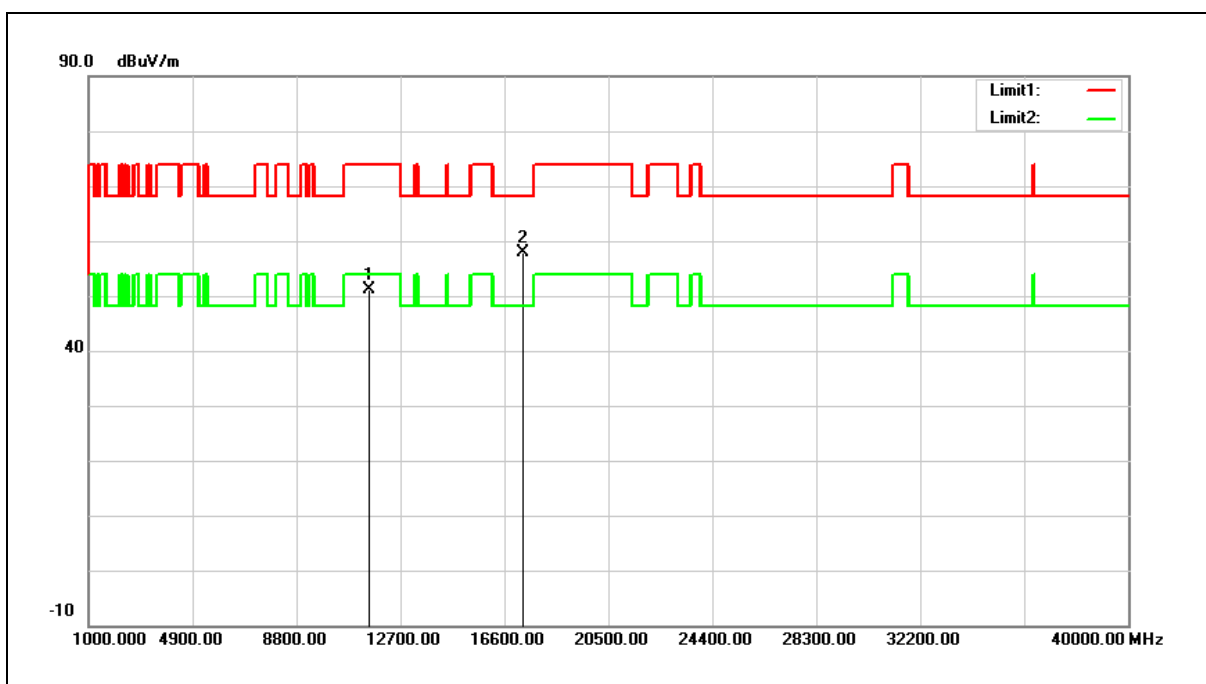
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	31.86	18.70	50.56	74.00	-23.44	peak
2	16590.000	32.43	22.16	54.59	68.20	-13.61	peak

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:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



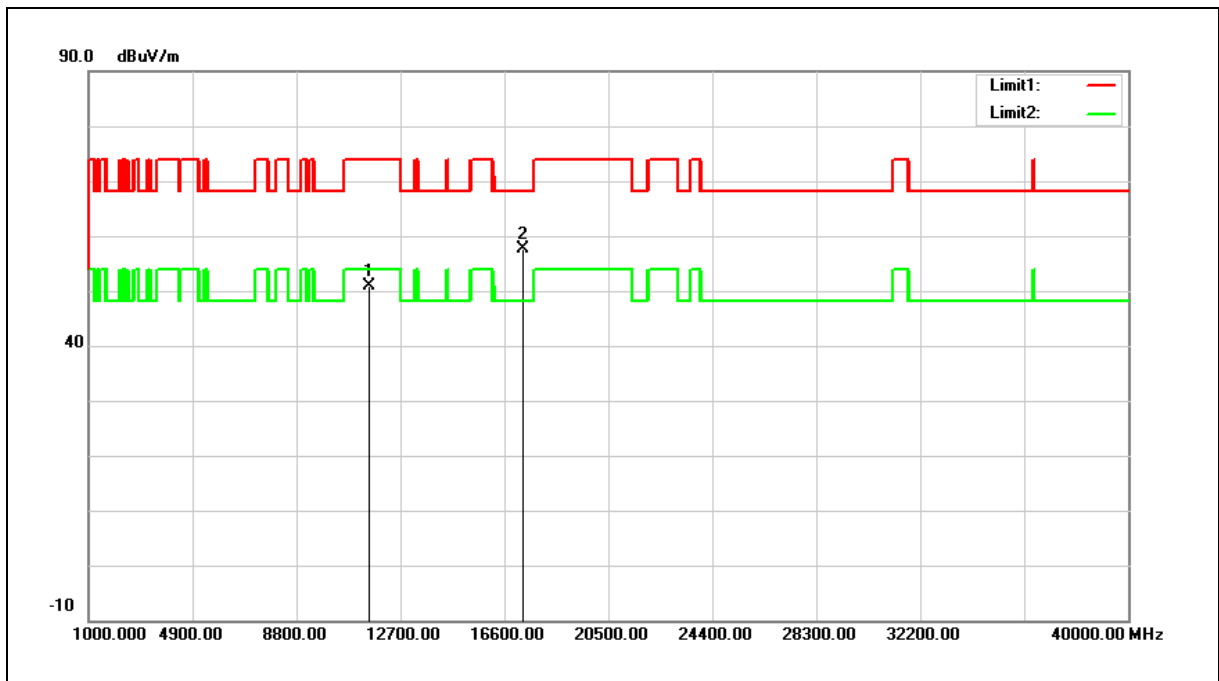
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	31.81	19.29	51.10	74.00	-22.90	peak
2	17325.000	32.67	25.30	57.97	68.20	-10.23	peak

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:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



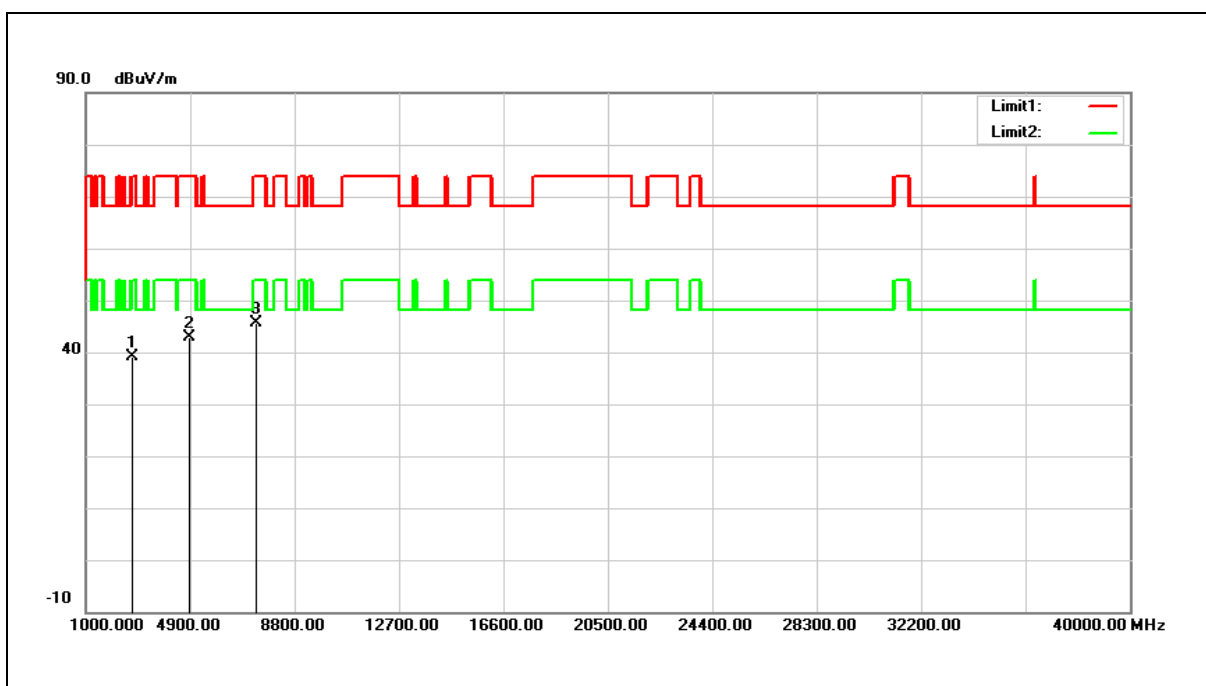
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	31.64	19.29	50.93	74.00	-23.07	peak
2	17325.000	32.33	25.30	57.63	68.20	-10.57	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Mode:	Simultaneous Transmitting (WLAN 5 GHz + LE)	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		



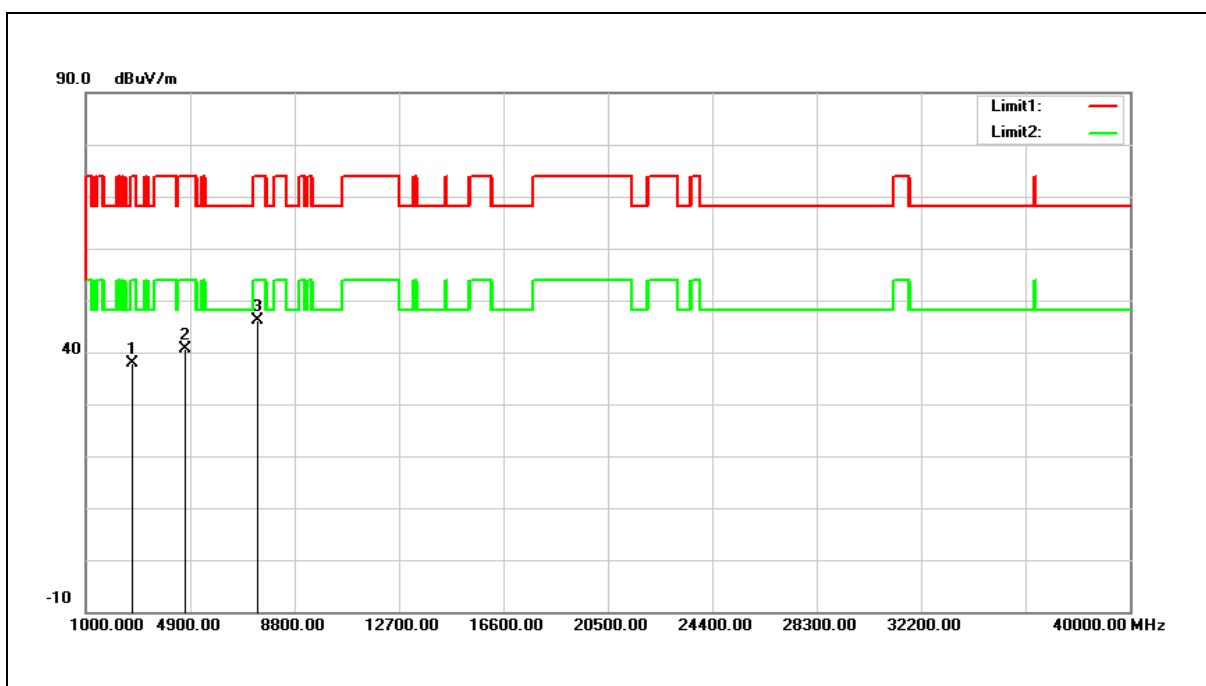
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2751.000	38.56	0.53	39.09	74.00	-34.91	peak
2	4825.000	36.96	5.88	42.84	74.00	-31.16	peak
3	7358.000	32.87	12.85	45.72	74.00	-28.28	peak

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
Mode:	Simultaneous Transmitting (WLAN 5 GHz + LE)	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		



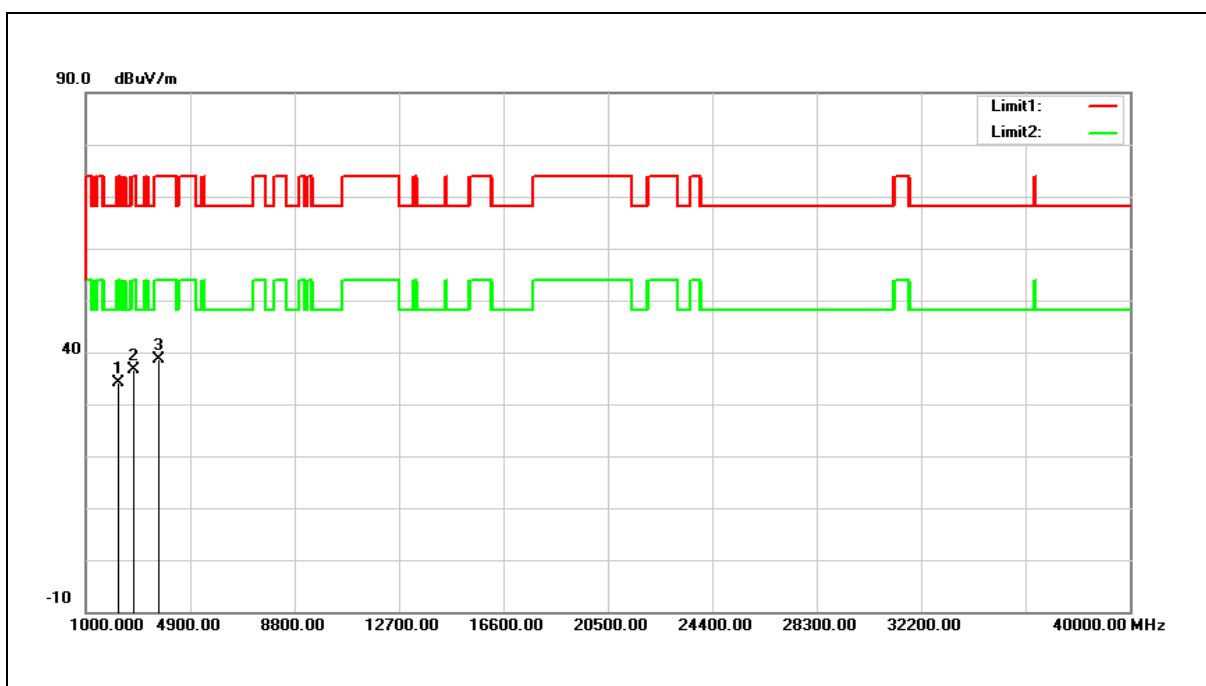
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2751.000	37.33	0.53	37.86	74.00	-36.14	peak
2	4723.000	35.14	5.59	40.73	74.00	-33.27	peak
3	7426.000	32.96	13.08	46.04	74.00	-27.96	peak

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
Mode:	Simultaneous Transmitting (WLAN 5 GHz + NFC)	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		



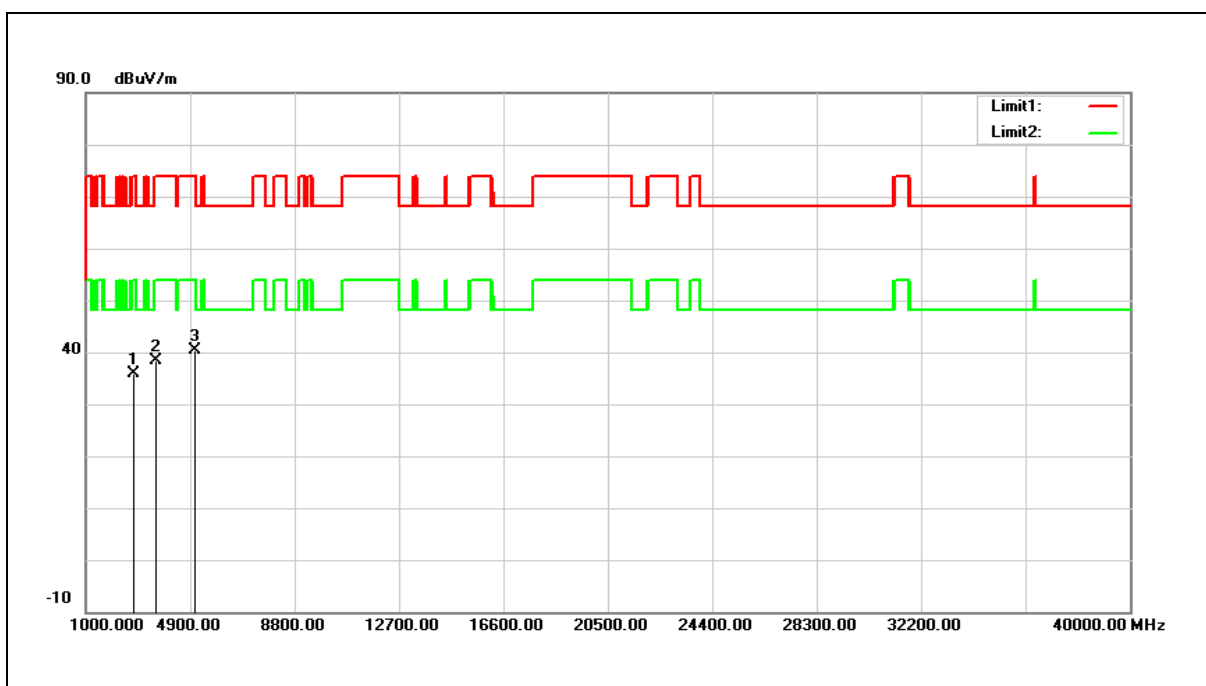
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2207.000	36.01	-1.79	34.22	74.00	-39.78	peak
2	2802.000	36.00	0.56	36.56	74.00	-37.44	peak
3	3703.000	35.59	2.96	38.55	74.00	-35.45	peak

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
Mode:	Simultaneous Transmitting (WLAN 5 GHz + NFC)	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2802.000	35.37	0.56	35.93	74.00	-38.07	peak
2	3635.000	35.59	2.72	38.31	74.00	-35.69	peak
3	5046.000	33.62	6.64	40.26	74.00	-33.74	peak

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

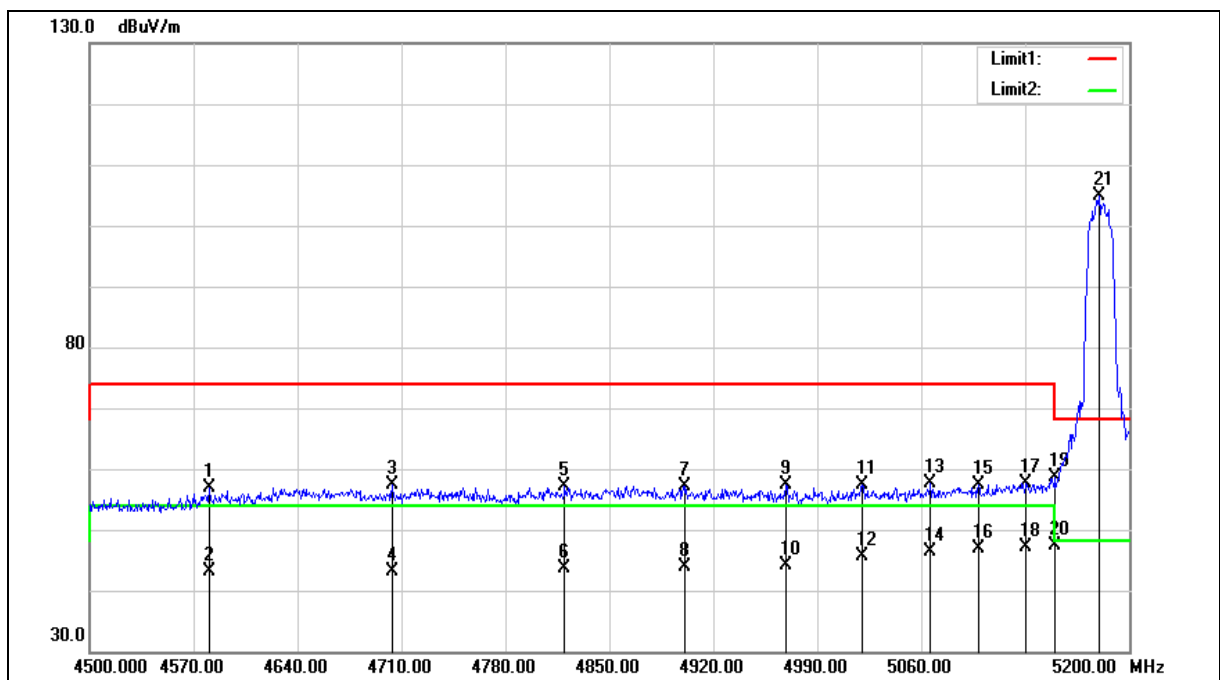
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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



Band Edge

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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.(°C)/Hum.(%RH):	26(°C)/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	4580.500	51.65	5.18	56.83	74.00	-17.17	peak
2	4580.500	37.83	5.18	43.01	54.00	-10.99	AVG
3	4703.700	51.95	5.53	57.48	74.00	-16.52	peak
4	4703.700	37.72	5.53	43.25	54.00	-10.75	AVG
5	4819.900	51.19	5.87	57.06	74.00	-16.94	peak
6	4819.900	37.75	5.87	43.62	54.00	-10.38	AVG
7	4901.100	51.13	6.10	57.23	74.00	-16.77	peak
8	4901.100	37.79	6.10	43.89	54.00	-10.11	AVG
9	4969.000	51.08	6.31	57.39	74.00	-16.61	peak
10	4969.000	37.81	6.31	44.12	54.00	-9.88	AVG
11	5020.100	50.80	6.46	57.26	74.00	-16.74	peak
12	5020.100	39.07	6.46	45.53	54.00	-8.47	AVG
13	5066.300	50.97	6.59	57.56	74.00	-16.44	peak
14	5066.300	39.86	6.59	46.45	54.00	-7.55	AVG
15	5098.500	50.67	6.68	57.35	74.00	-16.65	peak
16	5098.500	40.19	6.68	46.87	54.00	-7.13	AVG
17	5130.700	50.87	6.78	57.65	74.00	-16.35	peak
18	5130.700	40.31	6.78	47.09	54.00	-6.91	AVG
19	5150.000	51.81	6.84	58.65	74.00	-15.35	peak
20	5150.000	40.56	6.84	47.40	54.00	-6.60	AVG
21	5179.700	98.04	6.92	104.96	--	--	peak

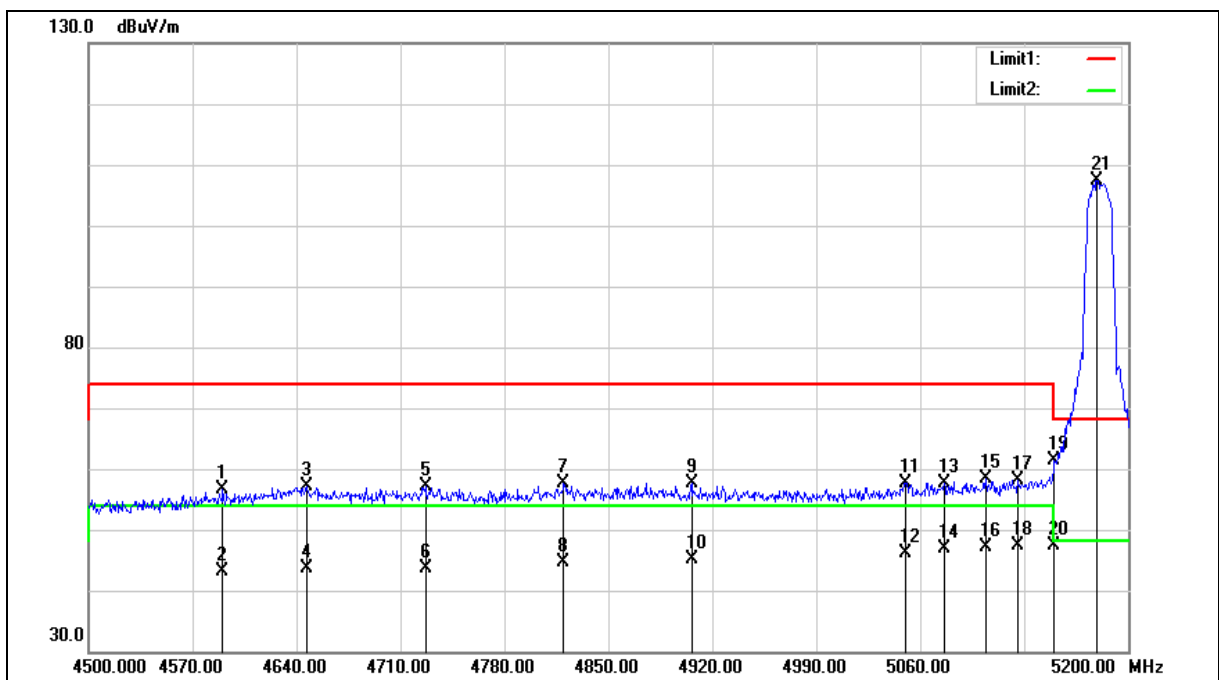
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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.(°C)/Hum.(%RH):	26(°C)/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	4590.300	51.32	5.20	56.52	74.00	-17.48	peak
2	4590.300	38.03	5.20	43.23	54.00	-10.77	AVG
3	4647.000	51.74	5.36	57.10	74.00	-16.90	peak
4	4647.000	38.15	5.36	43.51	54.00	-10.49	AVG
5	4726.800	51.46	5.61	57.07	74.00	-16.93	peak
6	4726.800	38.08	5.61	43.69	54.00	-10.31	AVG
7	4819.900	51.76	5.87	57.63	74.00	-16.37	peak
8	4819.900	38.69	5.87	44.56	54.00	-9.44	AVG
9	4906.000	51.43	6.12	57.55	74.00	-16.45	peak
10	4906.000	38.90	6.12	45.02	54.00	-8.98	AVG
11	5050.200	51.12	6.54	57.66	74.00	-16.34	peak
12	5050.200	39.59	6.54	46.13	54.00	-7.87	AVG
13	5076.100	51.04	6.62	57.66	74.00	-16.34	peak
14	5076.100	40.27	6.62	46.89	54.00	-7.11	AVG
15	5104.100	51.63	6.69	58.32	74.00	-15.68	peak
16	5104.100	40.41	6.69	47.10	54.00	-6.90	AVG
17	5125.800	51.31	6.77	58.08	74.00	-15.92	peak
18	5125.800	40.51	6.77	47.28	54.00	-6.72	AVG
19	5150.000	54.65	6.84	61.49	74.00	-12.51	peak
20	5150.000	40.66	6.84	47.50	54.00	-6.50	AVG
21	5179.000	100.47	6.92	107.39	--	--	peak

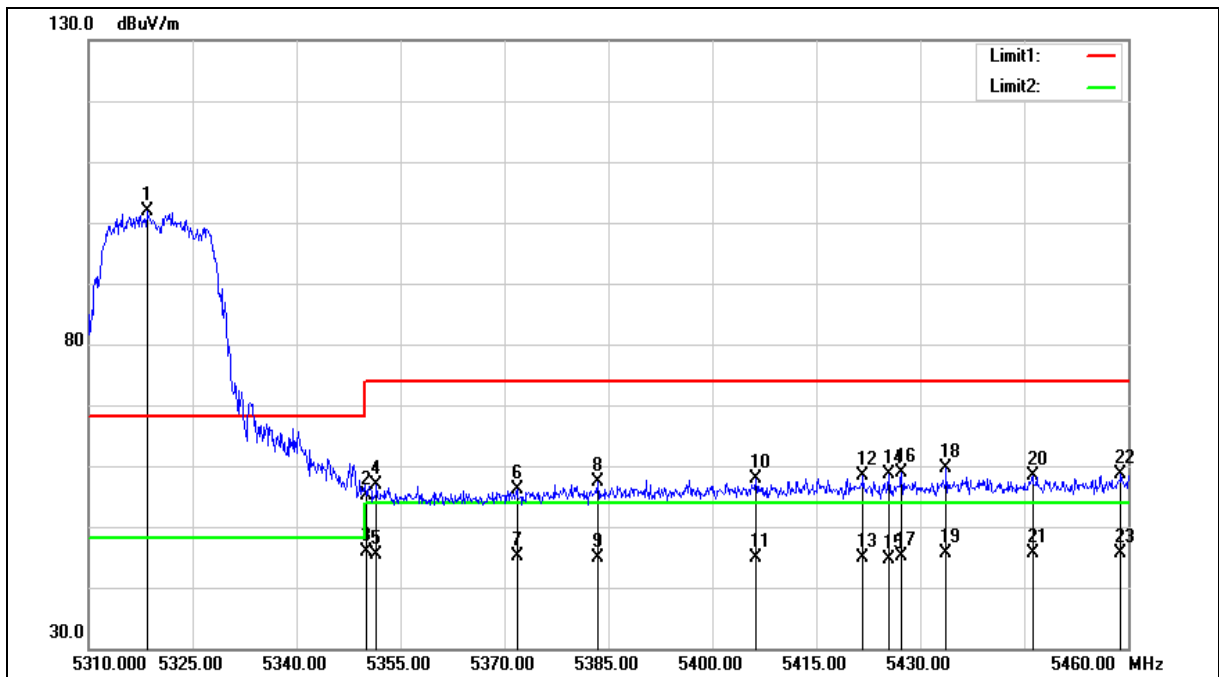
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5318.550	94.47	7.32	101.79	--	--	peak
2	5350.000	47.70	7.41	55.11	74.00	-18.89	peak
3	5350.000	38.43	7.41	45.84	54.00	-8.16	AVG
4	5351.550	49.43	7.41	56.84	74.00	-17.16	peak
5	5351.550	37.95	7.41	45.36	54.00	-8.64	AVG
6	5371.800	48.69	7.47	56.16	74.00	-17.84	peak
7	5371.800	37.57	7.47	45.04	54.00	-8.96	AVG
8	5383.500	49.96	7.51	57.47	74.00	-16.53	peak
9	5383.500	37.38	7.51	44.89	54.00	-9.11	AVG
10	5406.300	50.40	7.59	57.99	74.00	-16.01	peak
11	5406.300	37.17	7.59	44.76	54.00	-9.24	AVG
12	5421.750	50.75	7.62	58.37	74.00	-15.63	peak
13	5421.750	37.27	7.62	44.89	54.00	-9.11	AVG
14	5425.500	50.94	7.64	58.58	74.00	-15.42	peak
15	5425.500	37.09	7.64	44.73	54.00	-9.27	AVG
16	5427.300	51.34	7.64	58.98	74.00	-15.02	peak
17	5427.300	37.38	7.64	45.02	54.00	-8.98	AVG
18	5433.750	51.94	7.66	59.60	74.00	-14.40	peak
19	5433.750	37.96	7.66	45.62	54.00	-8.38	AVG
20	5446.200	50.76	7.70	58.46	74.00	-15.54	peak
21	5446.200	38.04	7.70	45.74	54.00	-8.26	AVG
22	5458.950	50.87	7.73	58.60	74.00	-15.40	peak
23	5458.950	37.96	7.73	45.69	54.00	-8.31	AVG

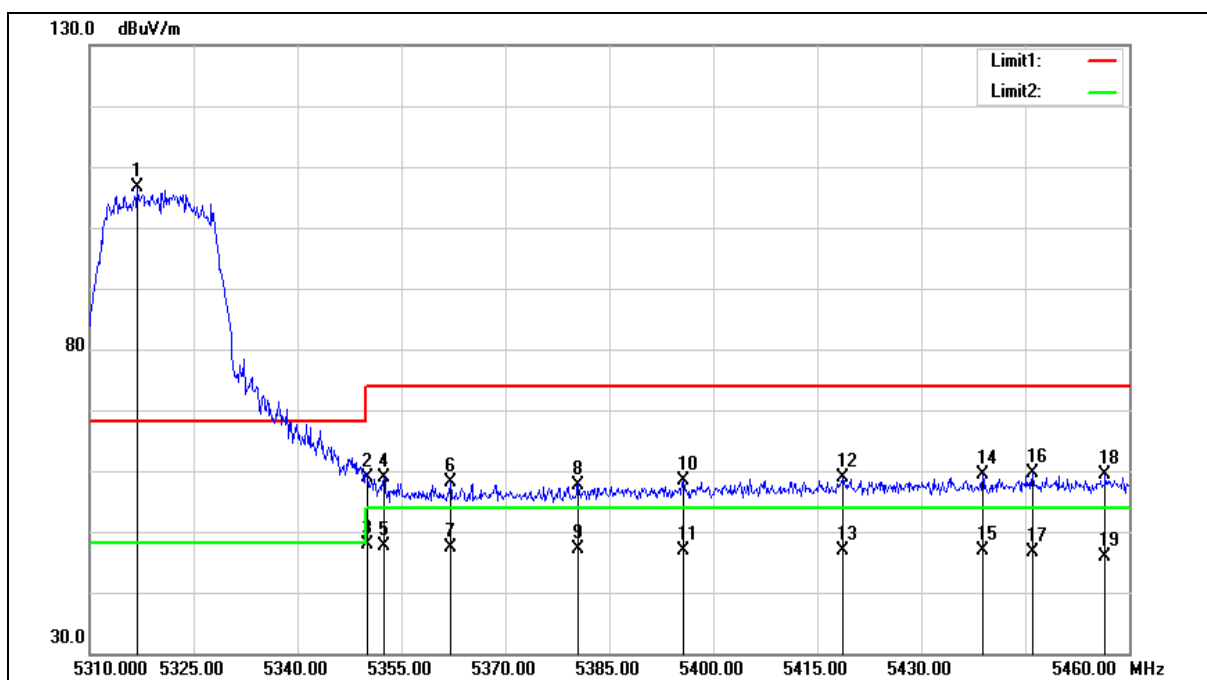
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5316.900	99.27	7.32	106.59	--	--	peak
2	5350.000	51.56	7.41	58.97	74.00	-15.03	peak
3	5350.000	40.40	7.41	47.81	54.00	-6.19	AVG
4	5352.450	51.52	7.42	58.94	74.00	-15.06	peak
5	5352.450	40.14	7.42	47.56	54.00	-6.44	AVG
6	5362.050	50.62	7.44	58.06	74.00	-15.94	peak
7	5362.050	39.88	7.44	47.32	54.00	-6.68	AVG
8	5380.500	50.24	7.51	57.75	74.00	-16.25	peak
9	5380.500	39.59	7.51	47.10	54.00	-6.90	AVG
10	5395.650	50.92	7.56	58.48	74.00	-15.52	peak
11	5395.650	39.39	7.56	46.95	54.00	-7.05	AVG
12	5418.750	51.19	7.62	58.81	74.00	-15.19	peak
13	5418.750	39.21	7.62	46.83	54.00	-7.17	AVG
14	5438.850	51.72	7.68	59.40	74.00	-14.60	peak
15	5438.850	39.21	7.68	46.89	54.00	-7.11	AVG
16	5446.050	51.99	7.70	59.69	74.00	-14.31	peak
17	5446.050	38.83	7.70	46.53	54.00	-7.47	AVG
18	5456.550	51.68	7.73	59.41	74.00	-14.59	peak
19	5456.550	38.14	7.73	45.87	54.00	-8.13	AVG

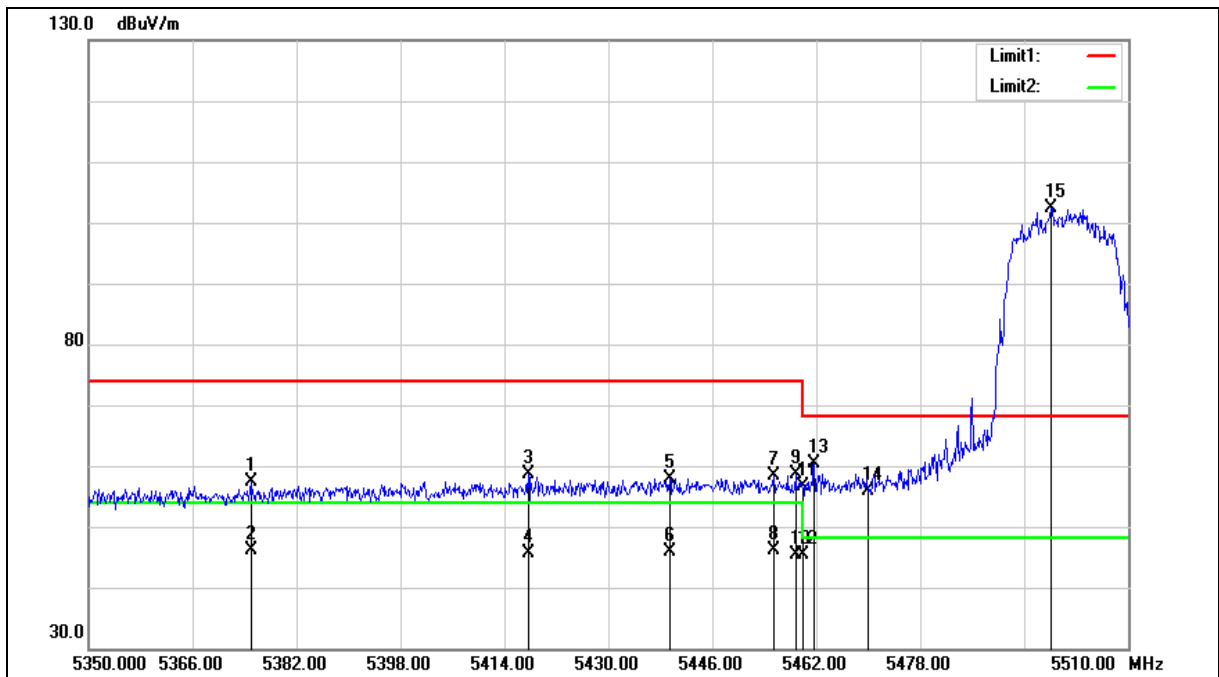
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5374.960	49.89	7.48	57.37	74.00	-16.63	peak
2	5374.960	38.62	7.48	46.10	54.00	-7.90	AVG
3	5417.680	50.95	7.62	58.57	74.00	-15.43	peak
4	5417.680	38.00	7.62	45.62	54.00	-8.38	AVG
5	5439.440	50.23	7.68	57.91	74.00	-16.09	peak
6	5439.440	38.26	7.68	45.94	54.00	-8.06	AVG
7	5455.440	50.66	7.73	58.39	74.00	-15.61	peak
8	5455.440	38.43	7.73	46.16	54.00	-7.84	AVG
9	5458.800	50.90	7.73	58.63	74.00	-15.37	peak
10	5458.800	37.61	7.73	45.34	54.00	-8.66	AVG
11	5460.000	48.77	7.74	56.51	74.00	-17.49	peak
12	5460.000	37.76	7.74	45.50	54.00	-8.50	AVG
13	5461.680	52.58	7.74	60.32	68.20	-7.88	peak
14	5470.000	48.23	7.76	55.99	68.20	-12.21	peak
15	5498.160	94.50	7.85	102.35	--	--	peak

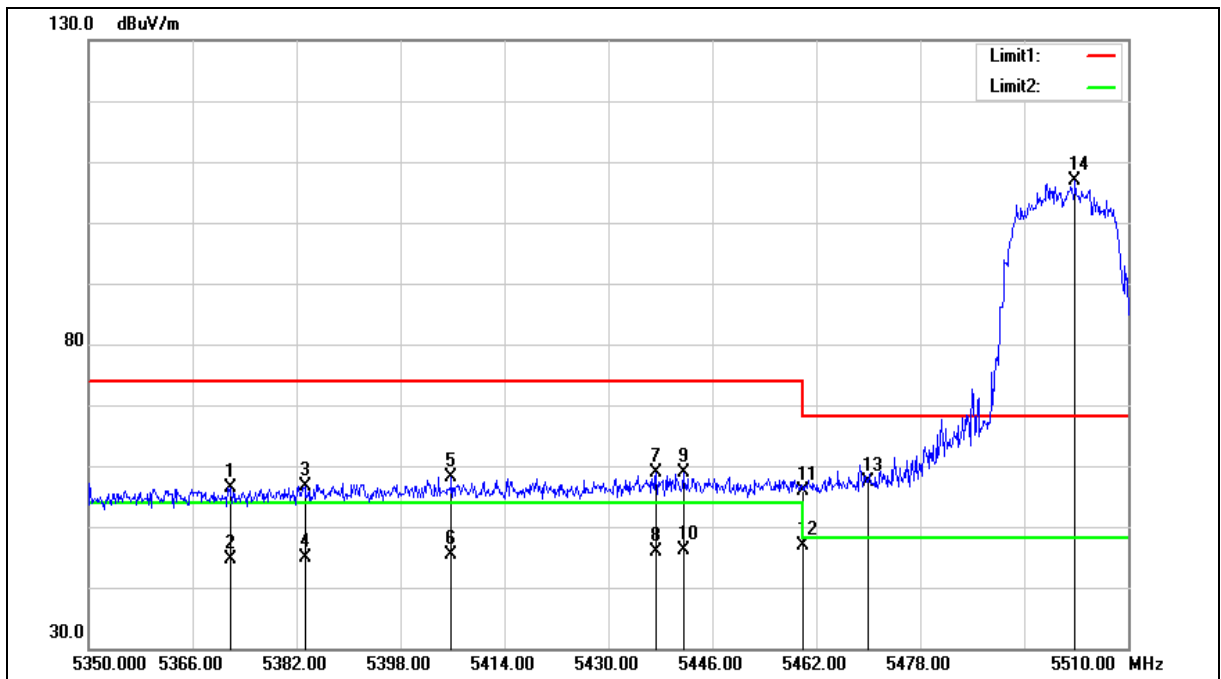
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5371.760	49.00	7.47	56.47	74.00	-17.53	peak
2	5371.760	37.20	7.47	44.67	54.00	-9.33	AVG
3	5383.280	49.04	7.51	56.55	74.00	-17.45	peak
4	5383.280	37.41	7.51	44.92	54.00	-9.08	AVG
5	5405.840	50.46	7.58	58.04	74.00	-15.96	peak
6	5405.840	37.82	7.58	45.40	54.00	-8.60	AVG
7	5437.360	51.19	7.67	58.86	74.00	-15.14	peak
8	5437.360	38.28	7.67	45.95	54.00	-8.05	AVG
9	5441.520	51.32	7.68	59.00	74.00	-15.00	peak
10	5441.520	38.36	7.68	46.04	54.00	-7.96	AVG
11	5460.000	48.26	7.74	56.00	74.00	-18.00	peak
12	5460.000	39.25	7.74	46.99	54.00	-7.01	AVG
13	5470.000	49.65	7.76	57.41	68.20	-10.79	peak
14	5501.840	99.13	7.85	106.98	--	--	peak

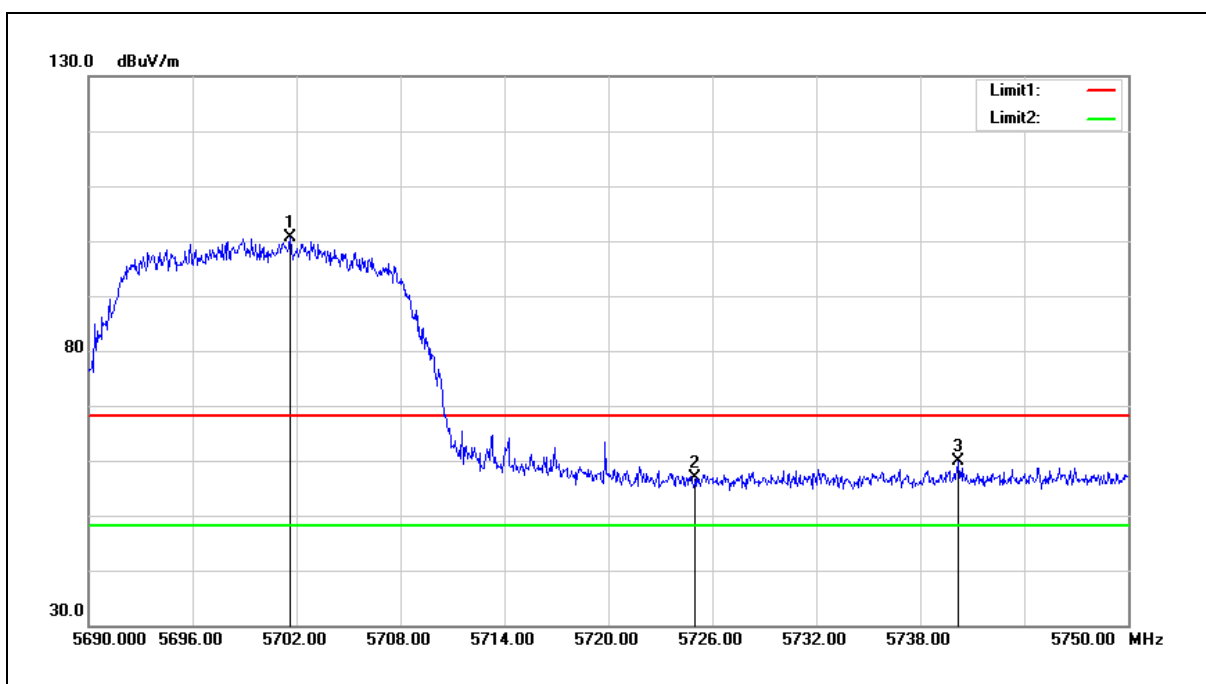
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



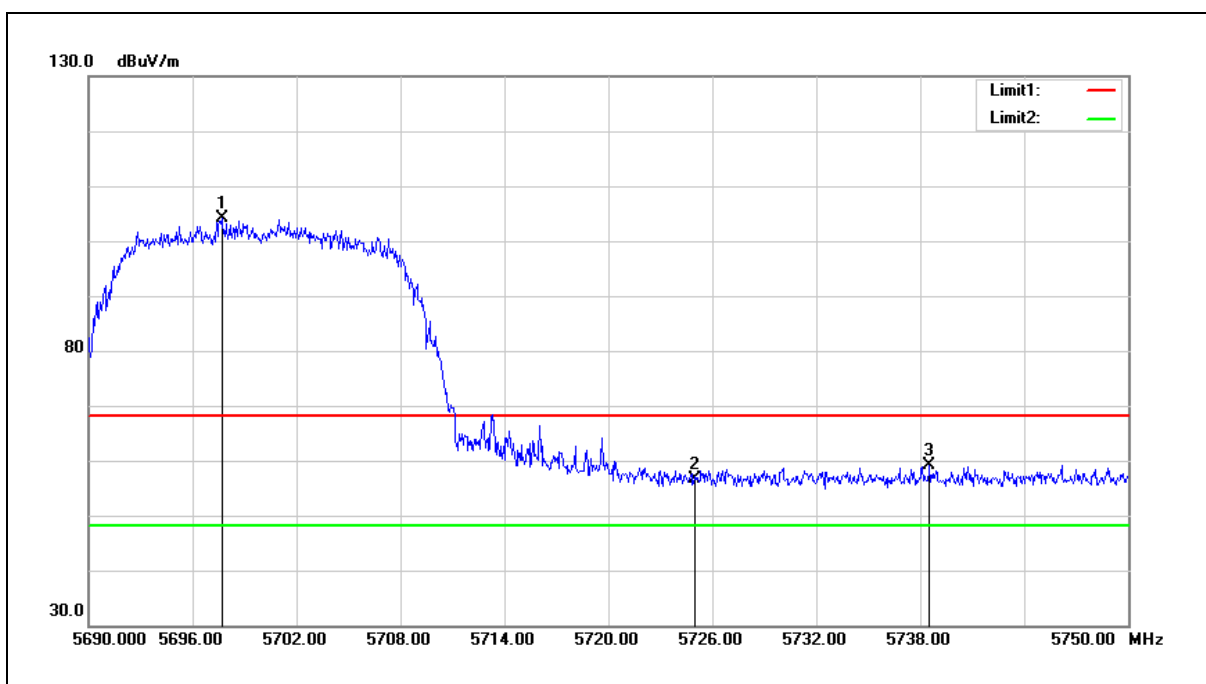
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5701.640	92.41	8.26	100.67	--	--	peak
2	5725.000	48.61	8.31	56.92	68.20	-11.28	peak
3	5740.220	51.44	8.34	59.78	68.20	-8.42	peak

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:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



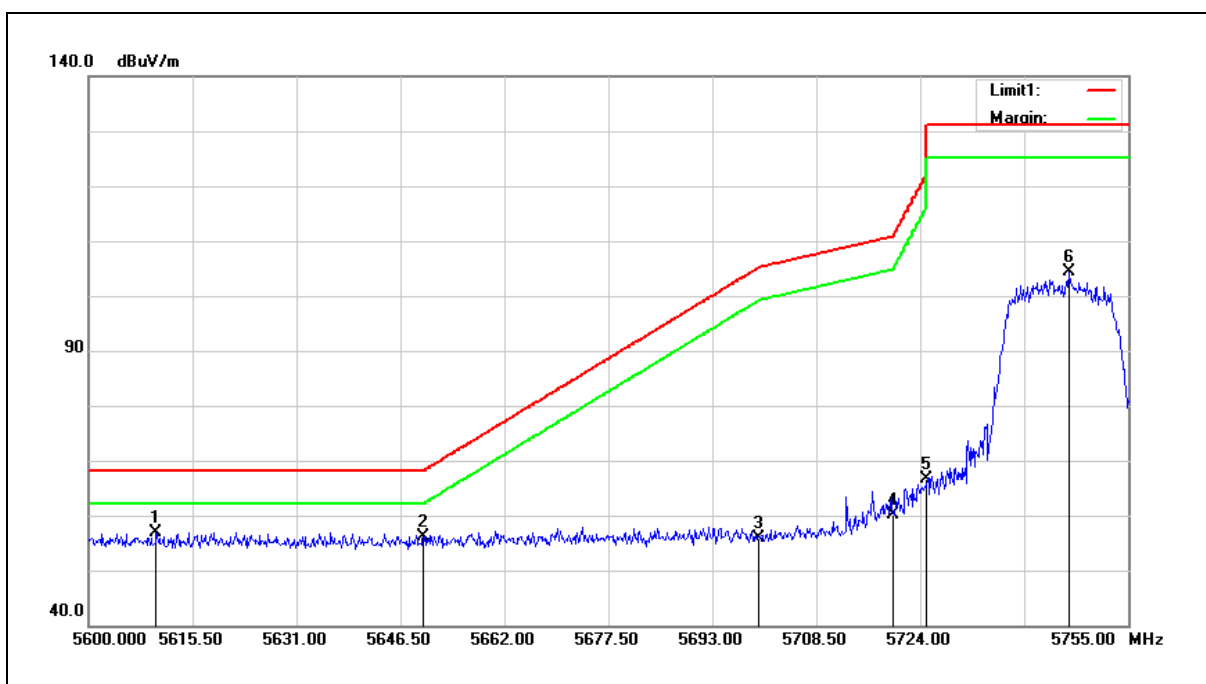
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5697.680	95.97	8.25	104.22	--	--	peak
2	5725.000	48.34	8.31	56.65	68.20	-11.55	peak
3	5738.540	50.68	8.33	59.01	68.20	-9.19	peak

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:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



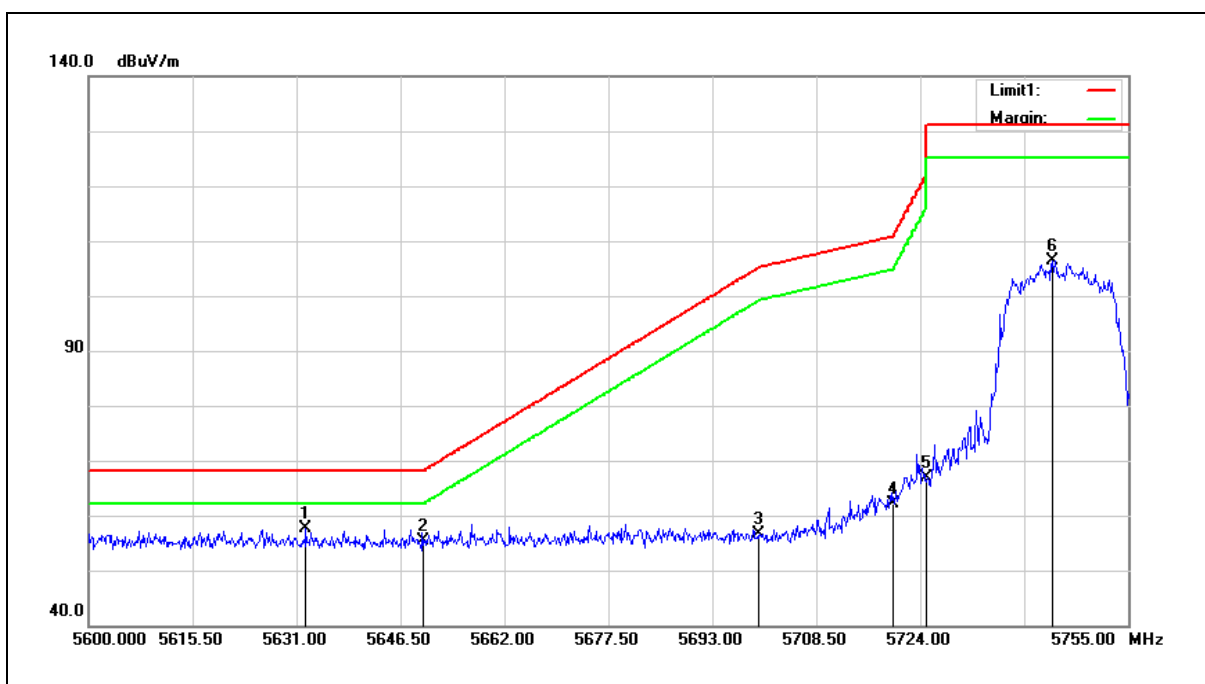
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5610.075	48.89	8.07	56.96	68.20	-11.24	peak
2	5650.000	47.98	8.16	56.14	68.20	-12.06	peak
3	5700.000	47.70	8.26	55.96	105.20	-49.24	peak
4	5720.000	51.90	8.30	60.20	110.80	-50.60	peak
5	5725.000	58.44	8.31	66.75	122.20	-55.45	peak
6	5746.165	95.93	8.35	104.28	--	--	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:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



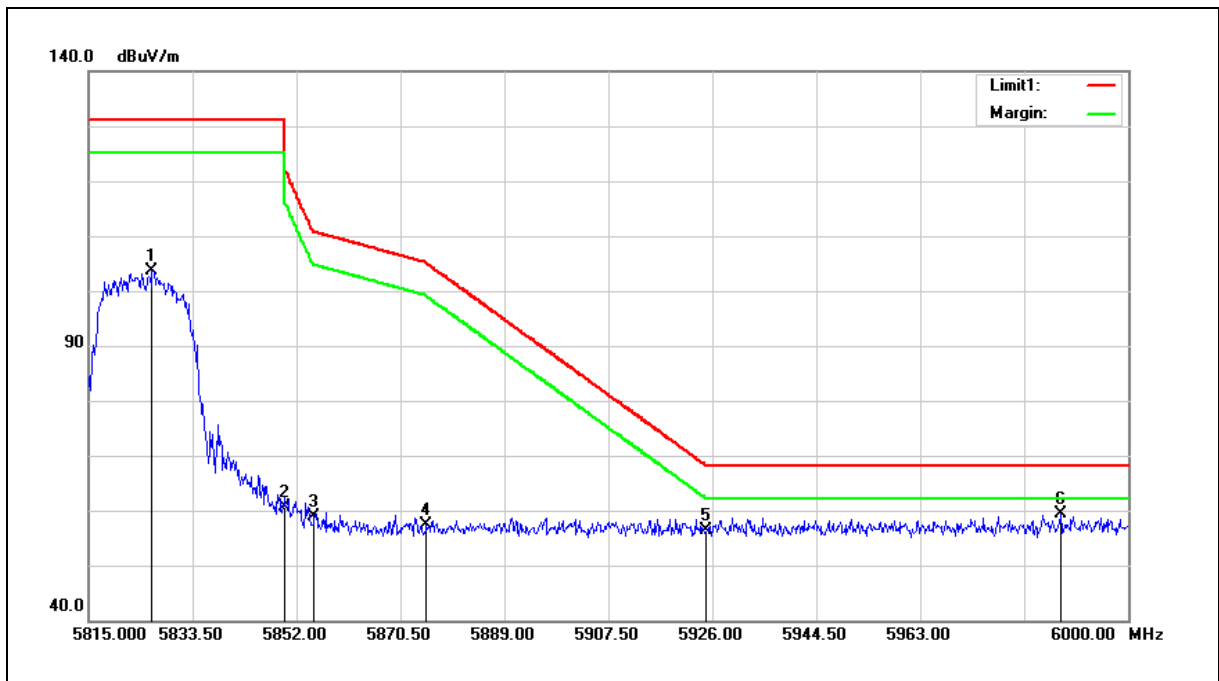
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5632.395	49.40	8.12	57.52	68.20	-10.68	peak
2	5650.000	47.13	8.16	55.29	68.20	-12.91	peak
3	5700.000	48.26	8.26	56.52	105.20	-48.68	peak
4	5720.000	53.91	8.30	62.21	110.80	-48.59	peak
5	5725.000	58.64	8.31	66.95	122.20	-55.25	peak
6	5743.685	98.14	8.34	106.48	--	--	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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



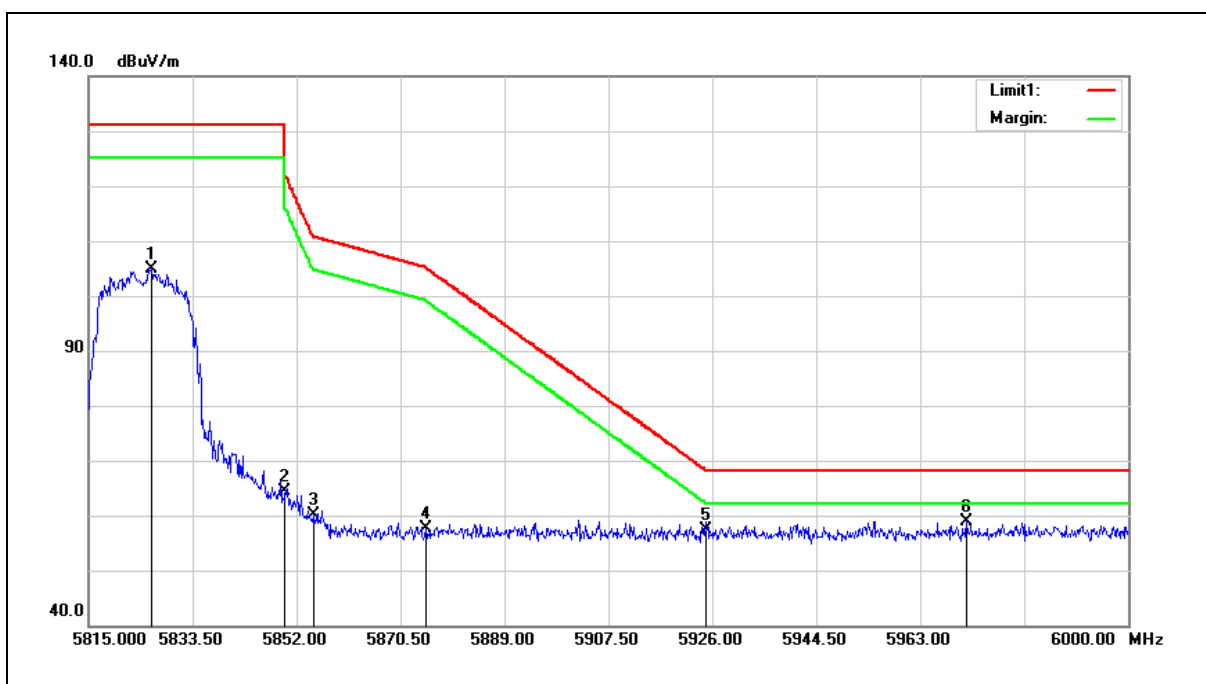
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.285	95.18	8.51	103.69	--	--	peak
2	5850.000	52.11	8.55	60.66	122.20	-61.54	peak
3	5855.000	50.21	8.56	58.77	110.80	-52.03	peak
4	5875.000	48.71	8.61	57.32	105.20	-47.88	peak
5	5925.000	47.68	8.71	56.39	68.20	-11.81	peak
6	5987.975	50.43	8.84	59.27	68.20	-8.93	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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



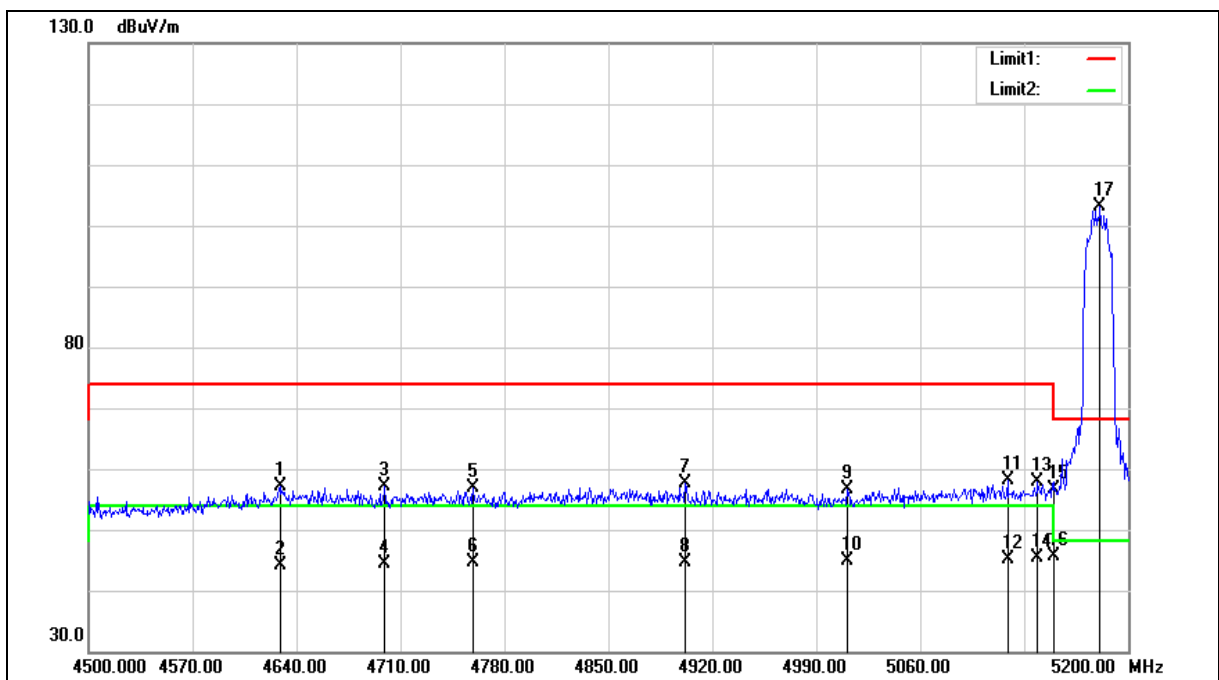
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.285	96.44	8.51	104.95	--	--	peak
2	5850.000	55.80	8.55	64.35	122.20	-57.85	peak
3	5855.000	51.67	8.56	60.23	110.80	-50.57	peak
4	5875.000	48.94	8.61	57.55	105.20	-47.65	peak
5	5925.000	48.60	8.71	57.31	68.20	-10.89	peak
6	5971.140	50.20	8.80	59.00	68.20	-9.20	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.(°C)/Hum.(%RH):	26(°C)/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.(°C)/Hum.(%RH):	26(°C)/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	51.81	5.31	57.12	74.00	-16.88	peak
2	4629.500	38.92	5.31	44.23	54.00	-9.77	AVG
3	4699.500	51.63	5.52	57.15	74.00	-16.85	peak
4	4699.500	38.96	5.52	44.48	54.00	-9.52	AVG
5	4759.000	51.16	5.70	56.86	74.00	-17.14	peak
6	4759.000	38.82	5.70	44.52	54.00	-9.48	AVG
7	4901.800	51.60	6.11	57.71	74.00	-16.29	peak
8	4901.800	38.63	6.11	44.74	54.00	-9.26	AVG
9	5011.000	50.26	6.43	56.69	74.00	-17.31	peak
10	5011.000	38.55	6.43	44.98	54.00	-9.02	AVG
11	5118.800	51.51	6.74	58.25	74.00	-15.75	peak
12	5118.800	38.38	6.74	45.12	54.00	-8.88	AVG
13	5139.100	50.96	6.81	57.77	74.00	-16.23	peak
14	5139.100	38.67	6.81	45.48	54.00	-8.52	AVG
15	5150.000	49.73	6.84	56.57	74.00	-17.43	peak
16	5150.000	38.88	6.84	45.72	54.00	-8.28	AVG
17	5181.100	96.26	6.93	103.19	--	--	peak

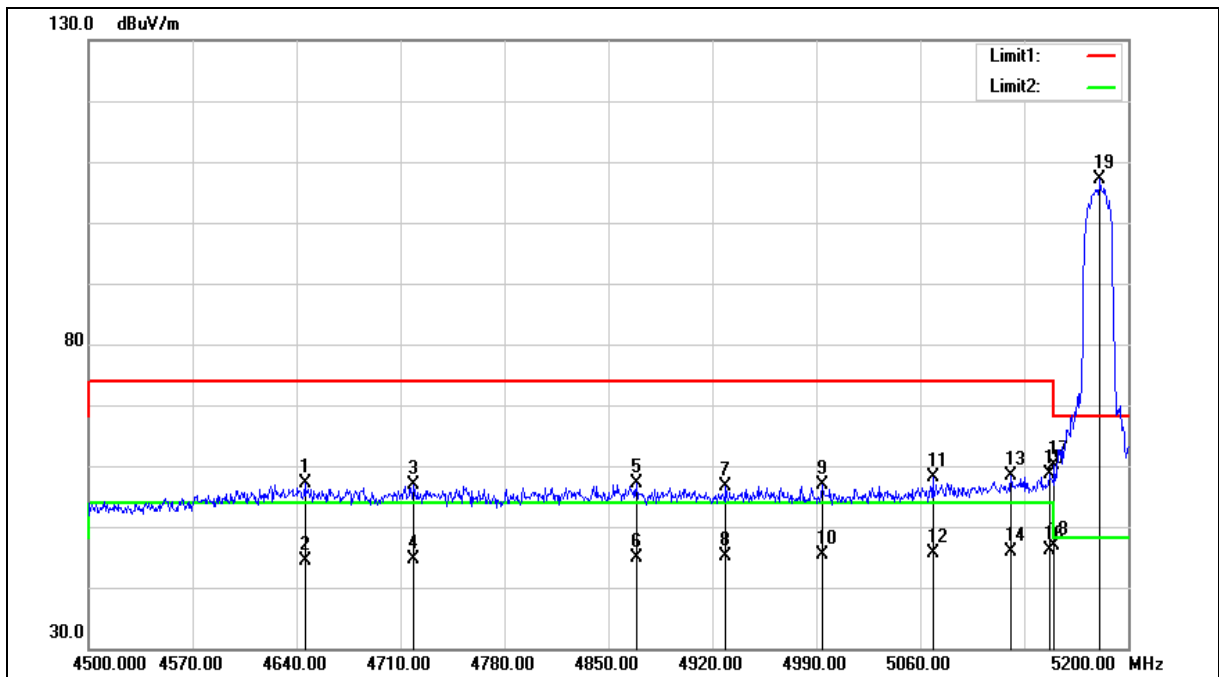
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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.(°C)/Hum.(%RH):	26(°C)/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	4645.600	51.74	5.36	57.10	74.00	-16.90	peak
2	4645.600	39.04	5.36	44.40	54.00	-9.60	AVG
3	4718.400	51.40	5.57	56.97	74.00	-17.03	peak
4	4718.400	39.10	5.57	44.67	54.00	-9.33	AVG
5	4868.900	51.22	6.02	57.24	74.00	-16.76	peak
6	4868.900	38.88	6.02	44.90	54.00	-9.10	AVG
7	4929.100	50.42	6.19	56.61	74.00	-17.39	peak
8	4929.100	38.85	6.19	45.04	54.00	-8.96	AVG
9	4994.200	50.44	6.39	56.83	74.00	-17.17	peak
10	4994.200	38.88	6.39	45.27	54.00	-8.73	AVG
11	5068.400	51.63	6.60	58.23	74.00	-15.77	peak
12	5068.400	38.97	6.60	45.57	54.00	-8.43	AVG
13	5120.900	51.67	6.74	58.41	74.00	-15.59	peak
14	5120.900	39.22	6.74	45.96	54.00	-8.04	AVG
15	5146.800	51.86	6.83	58.69	74.00	-15.31	peak
16	5146.800	39.35	6.83	46.18	54.00	-7.82	AVG
17	5150.000	53.30	6.84	60.14	74.00	-13.86	peak
18	5150.000	39.97	6.84	46.81	54.00	-7.19	AVG
19	5181.100	100.12	6.93	107.05	--	--	peak

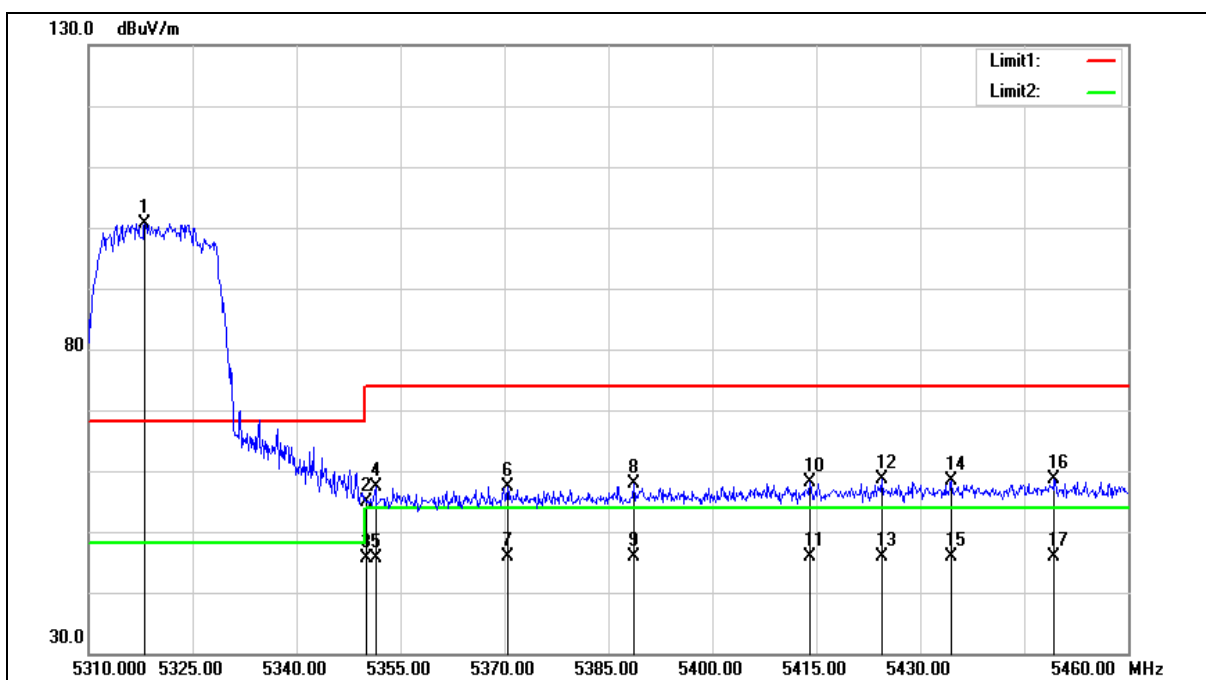
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5318.100	93.29	7.32	100.61	--	--	peak
2	5350.000	47.51	7.41	54.92	74.00	-19.08	peak
3	5350.000	38.20	7.41	45.61	54.00	-8.39	AVG
4	5351.400	50.07	7.41	57.48	74.00	-16.52	peak
5	5351.400	38.12	7.41	45.53	54.00	-8.47	AVG
6	5370.450	49.95	7.47	57.42	74.00	-16.58	peak
7	5370.450	38.39	7.47	45.86	54.00	-8.14	AVG
8	5388.750	50.23	7.53	57.76	74.00	-16.24	peak
9	5388.750	38.46	7.53	45.99	54.00	-8.01	AVG
10	5414.100	50.43	7.60	58.03	74.00	-15.97	peak
11	5414.100	38.30	7.60	45.90	54.00	-8.10	AVG
12	5424.450	50.91	7.63	58.54	74.00	-15.46	peak
13	5424.450	38.30	7.63	45.93	54.00	-8.07	AVG
14	5434.500	50.68	7.66	58.34	74.00	-15.66	peak
15	5434.500	38.19	7.66	45.85	54.00	-8.15	AVG
16	5449.350	50.86	7.71	58.57	74.00	-15.43	peak
17	5449.350	38.05	7.71	45.76	54.00	-8.24	AVG

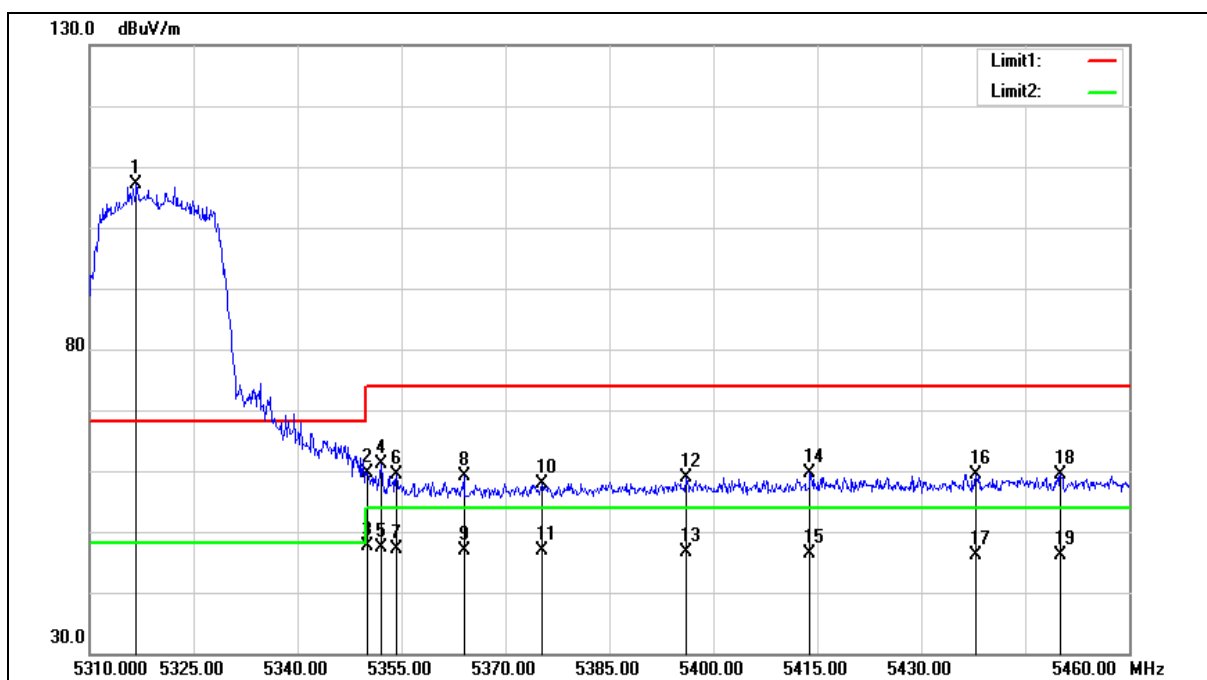
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5316.750	99.71	7.32	107.03	--	--	peak
2	5350.000	52.14	7.41	59.55	74.00	-14.45	peak
3	5350.000	40.11	7.41	47.52	54.00	-6.48	AVG
4	5352.150	53.63	7.41	61.04	74.00	-12.96	peak
5	5352.150	39.88	7.41	47.29	54.00	-6.71	AVG
6	5354.250	51.92	7.42	59.34	74.00	-14.66	peak
7	5354.250	39.64	7.42	47.06	54.00	-6.94	AVG
8	5364.000	51.77	7.45	59.22	74.00	-14.78	peak
9	5364.000	39.52	7.45	46.97	54.00	-7.03	AVG
10	5375.250	50.45	7.50	57.95	74.00	-16.05	peak
11	5375.250	39.36	7.50	46.86	54.00	-7.14	AVG
12	5396.100	51.21	7.56	58.77	74.00	-15.23	peak
13	5396.100	39.11	7.56	46.67	54.00	-7.33	AVG
14	5413.950	51.98	7.60	59.58	74.00	-14.42	peak
15	5413.950	38.88	7.60	46.48	54.00	-7.52	AVG
16	5437.950	51.74	7.67	59.41	74.00	-14.59	peak
17	5437.950	38.57	7.67	46.24	54.00	-7.76	AVG
18	5450.100	51.58	7.71	59.29	74.00	-14.71	peak
19	5450.100	38.36	7.71	46.07	54.00	-7.93	AVG

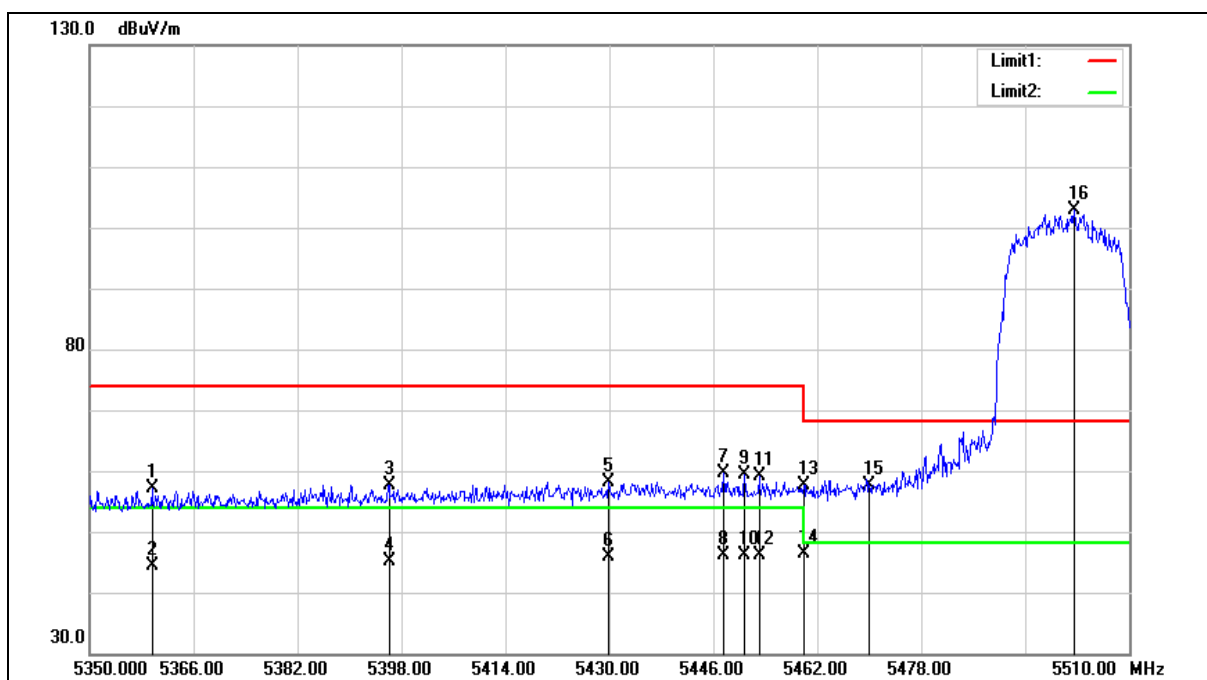
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5359.600	49.78	7.44	57.22	74.00	-16.78	peak
2	5359.600	36.99	7.44	44.43	54.00	-9.57	AVG
3	5396.080	50.19	7.56	57.75	74.00	-16.25	peak
4	5396.080	37.60	7.56	45.16	54.00	-8.84	AVG
5	5429.840	50.59	7.65	58.24	74.00	-15.76	peak
6	5429.840	38.14	7.65	45.79	54.00	-8.21	AVG
7	5447.600	51.99	7.70	59.69	74.00	-14.31	peak
8	5447.600	38.40	7.70	46.10	54.00	-7.90	AVG
9	5450.800	51.63	7.71	59.34	74.00	-14.66	peak
10	5450.800	38.37	7.71	46.08	54.00	-7.92	AVG
11	5453.040	51.47	7.71	59.18	74.00	-14.82	peak
12	5453.040	38.45	7.71	46.16	54.00	-7.84	AVG
13	5460.000	50.00	7.74	57.74	74.00	-16.26	peak
14	5460.000	38.52	7.74	46.26	54.00	-7.74	AVG
15	5470.000	49.88	7.76	57.64	68.20	-10.56	peak
16	5501.520	95.14	7.85	102.99	--	--	peak

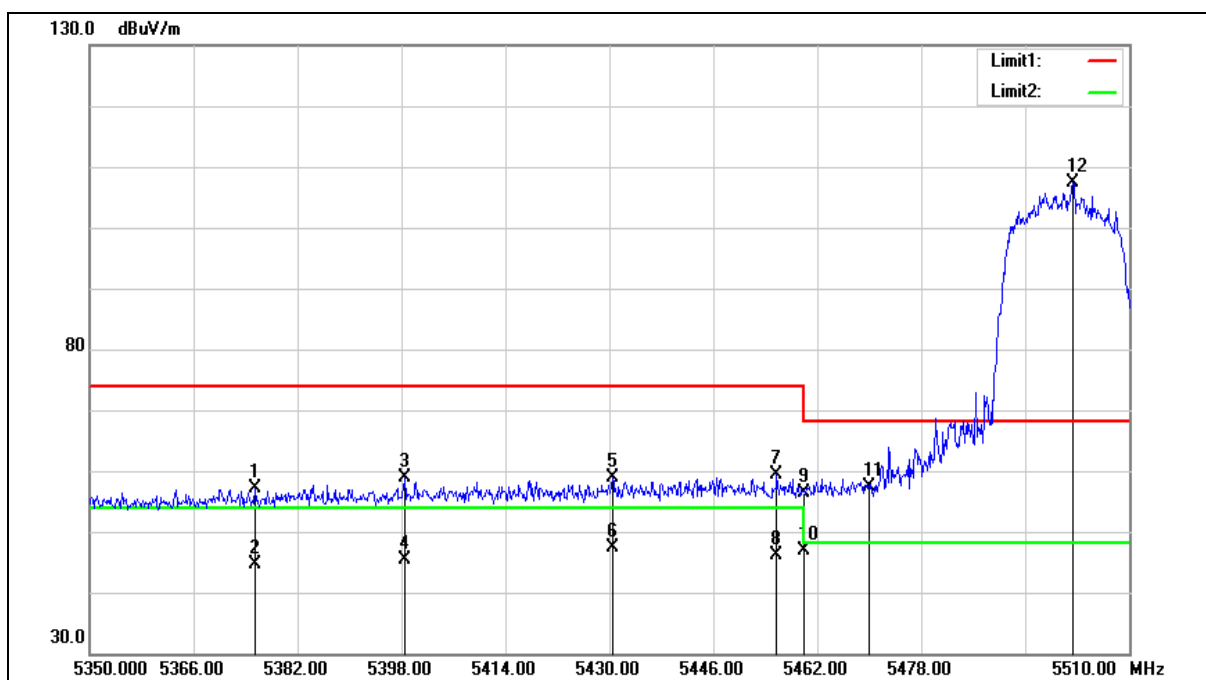
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5375.440	49.67	7.50	57.17	74.00	-16.83	peak
2	5375.440	37.21	7.50	44.71	54.00	-9.29	AVG
3	5398.480	51.33	7.56	58.89	74.00	-15.11	peak
4	5398.480	37.72	7.56	45.28	54.00	-8.72	AVG
5	5430.480	51.24	7.65	58.89	74.00	-15.11	peak
6	5430.480	39.64	7.65	47.29	54.00	-6.71	AVG
7	5455.760	51.59	7.73	59.32	74.00	-14.68	peak
8	5455.760	38.50	7.73	46.23	54.00	-7.77	AVG
9	5460.000	48.70	7.74	56.44	74.00	-17.56	peak
10	5460.000	39.22	7.74	46.96	54.00	-7.04	AVG
11	5470.000	49.69	7.76	57.45	68.20	-10.75	peak
12	5501.360	99.49	7.85	107.34	--	--	peak

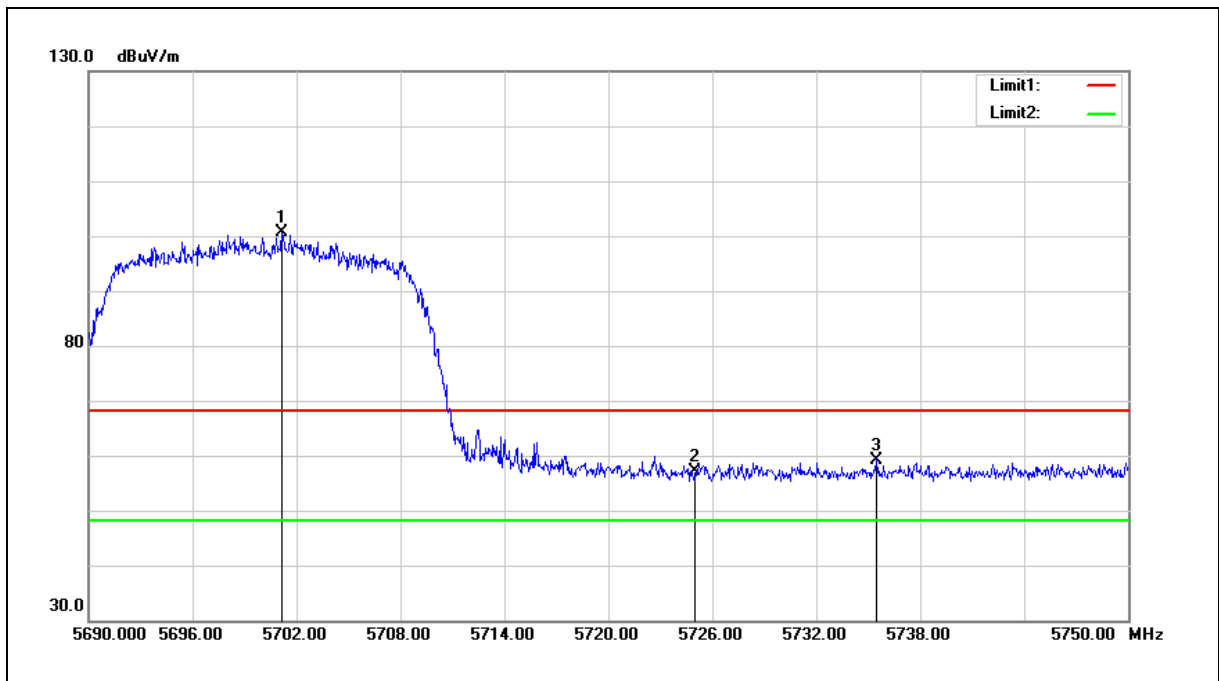
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



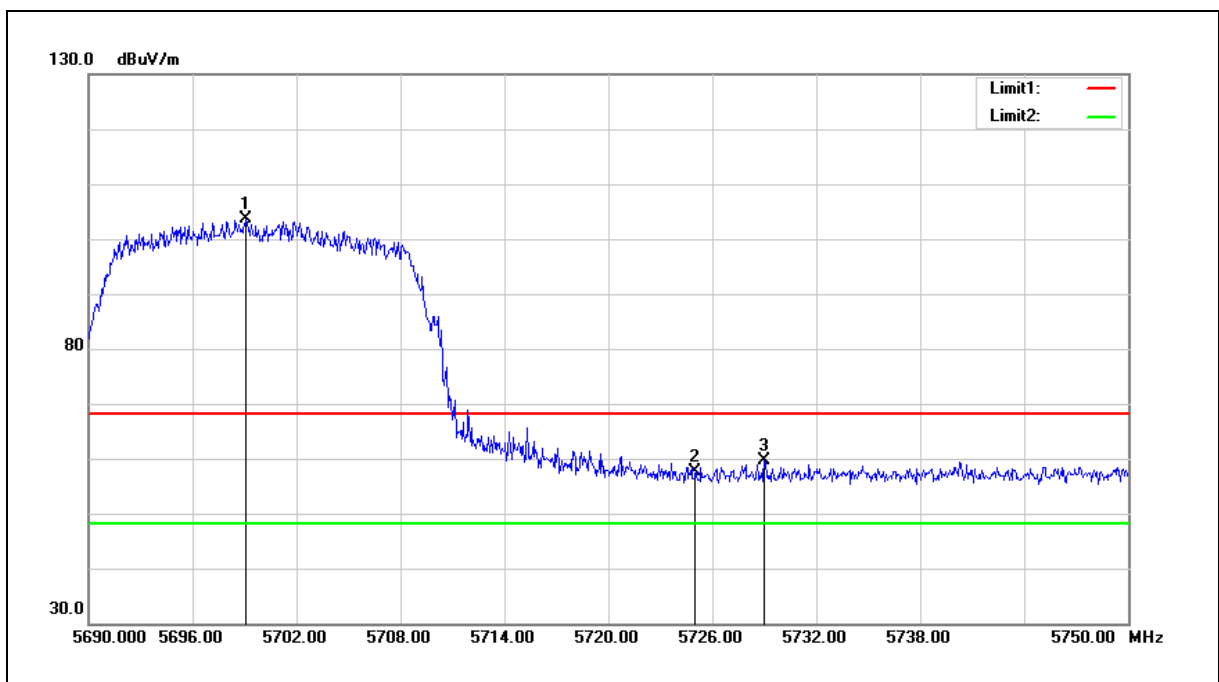
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5701.160	92.29	8.26	100.55	--	--	peak
2	5725.000	48.86	8.31	57.17	68.20	-11.03	peak
3	5735.480	50.75	8.33	59.08	68.20	-9.12	peak

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:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



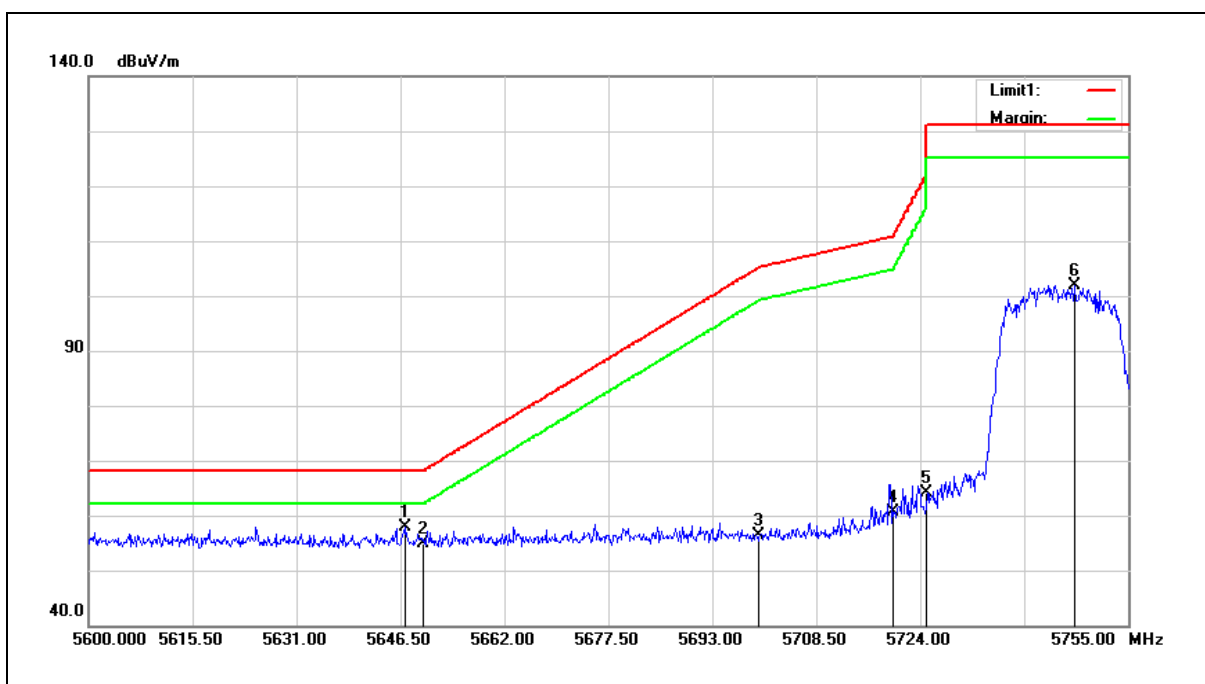
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5699.060	95.44	8.26	103.70	--	--	peak
2	5725.000	49.23	8.31	57.54	68.20	-10.66	peak
3	5729.000	51.21	8.31	59.52	68.20	-8.68	peak

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:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



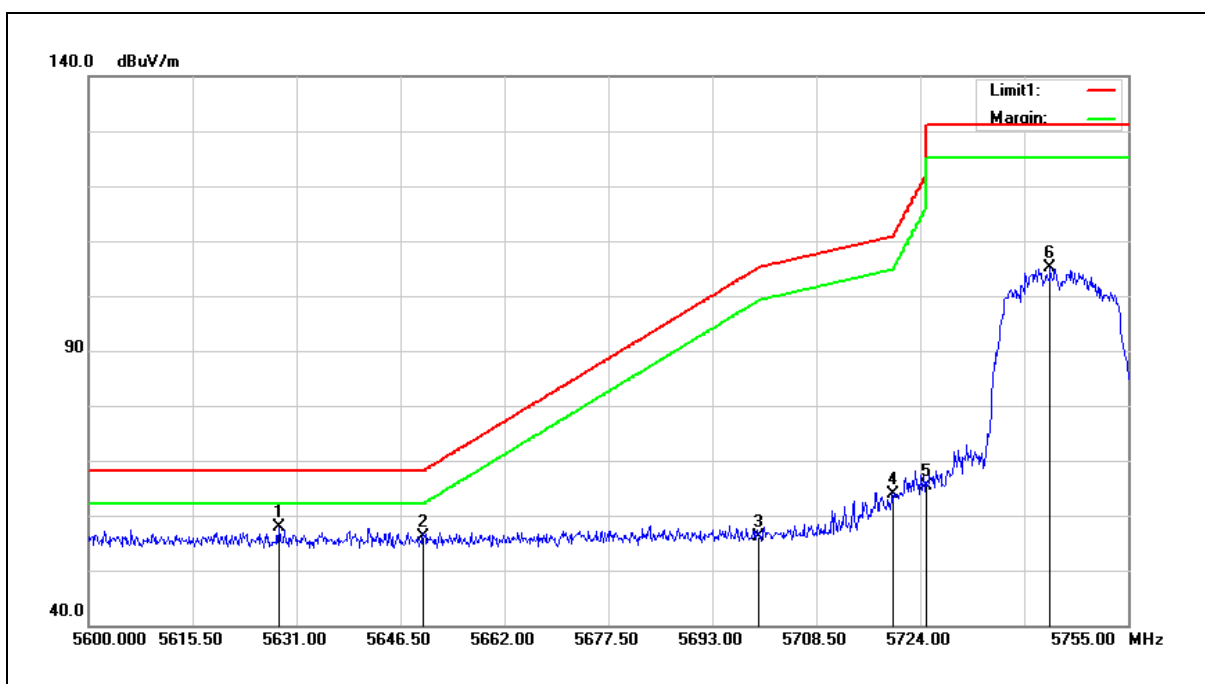
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5647.120	49.70	8.15	57.85	68.20	-10.35	peak
2	5650.000	46.71	8.16	54.87	68.20	-13.33	peak
3	5700.000	48.12	8.26	56.38	105.20	-48.82	peak
4	5720.000	52.24	8.30	60.54	110.80	-50.26	peak
5	5725.000	55.84	8.31	64.15	122.20	-58.05	peak
6	5746.940	93.62	8.35	101.97	--	--	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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



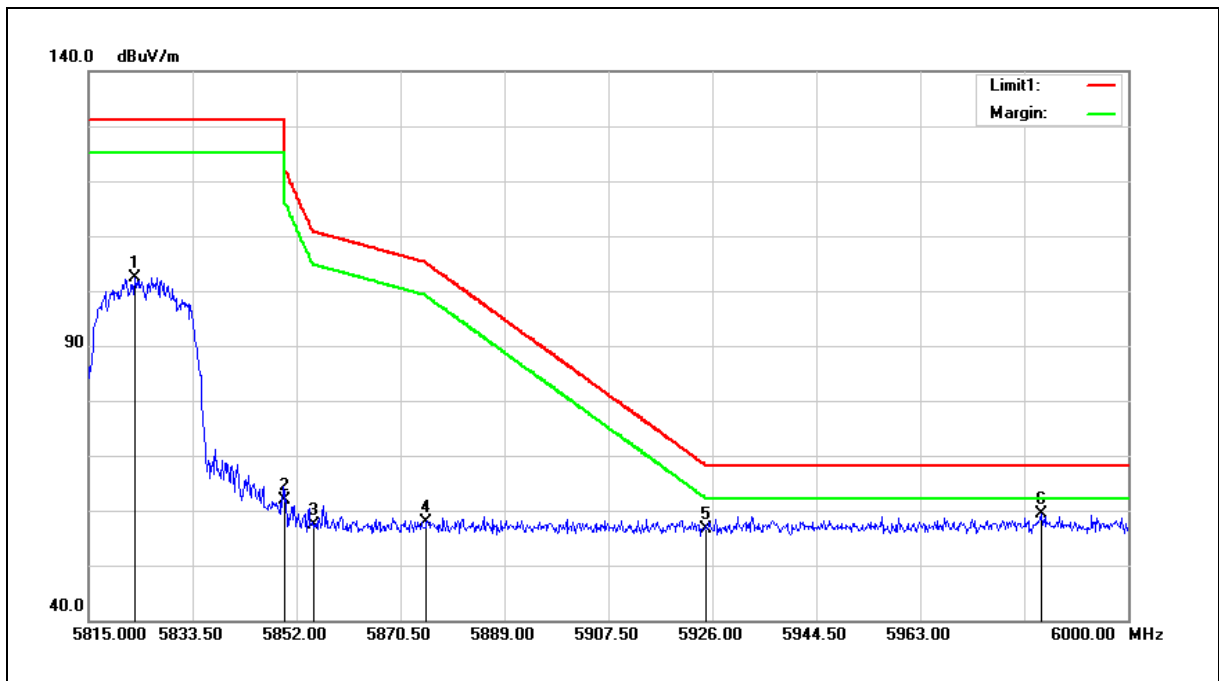
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5628.365	49.73	8.12	57.85	68.20	-10.35	peak
2	5650.000	48.07	8.16	56.23	68.20	-11.97	peak
3	5700.000	47.99	8.26	56.25	105.20	-48.95	peak
4	5720.000	55.66	8.30	63.96	110.80	-46.84	peak
5	5725.000	57.18	8.31	65.49	122.20	-56.71	peak
6	5743.375	96.81	8.34	105.15	--	--	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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



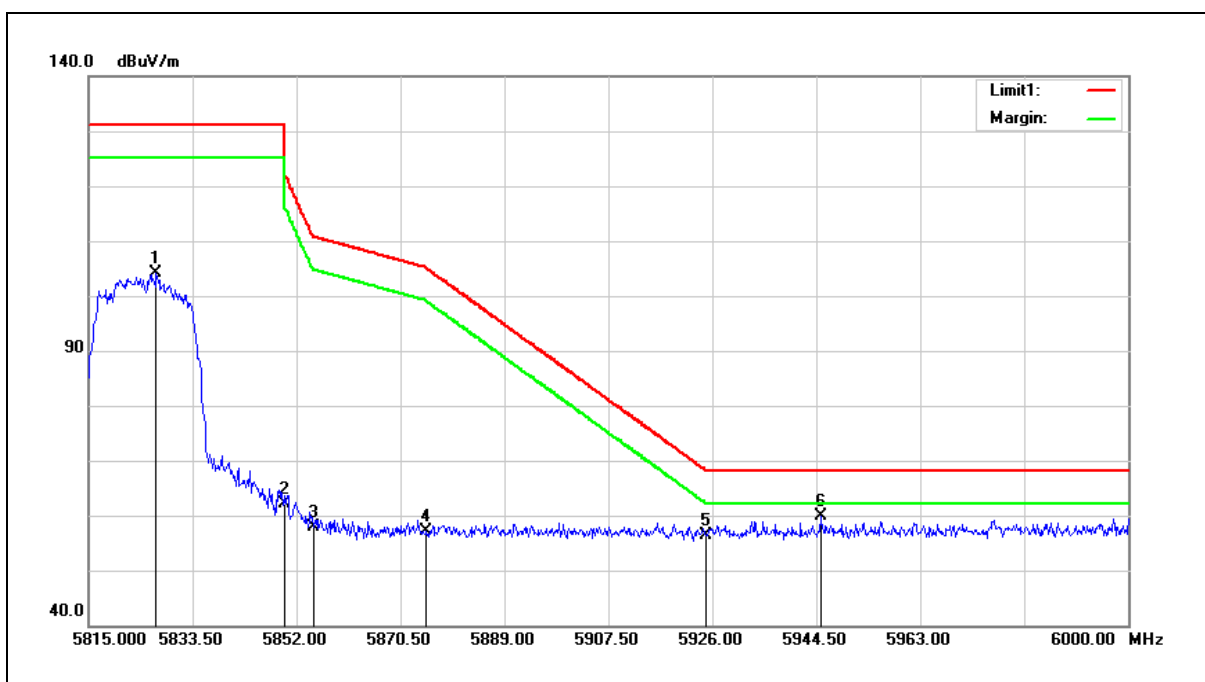
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5823.140	93.94	8.50	102.44	--	--	peak
2	5850.000	53.27	8.55	61.82	122.20	-60.38	peak
3	5855.000	48.79	8.56	57.35	110.80	-53.45	peak
4	5875.000	49.37	8.61	57.98	105.20	-47.22	peak
5	5925.000	47.82	8.71	56.53	68.20	-11.67	peak
6	5984.460	50.65	8.82	59.47	68.20	-8.73	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:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5827.025	95.53	8.51	104.04	--	--	peak
2	5850.000	53.50	8.55	62.05	122.20	-60.15	peak
3	5855.000	49.44	8.56	58.00	110.80	-52.80	peak
4	5875.000	48.41	8.61	57.02	105.20	-48.18	peak
5	5925.000	47.68	8.71	56.39	68.20	-11.81	peak
6	5945.240	51.07	8.76	59.83	68.20	-8.37	peak

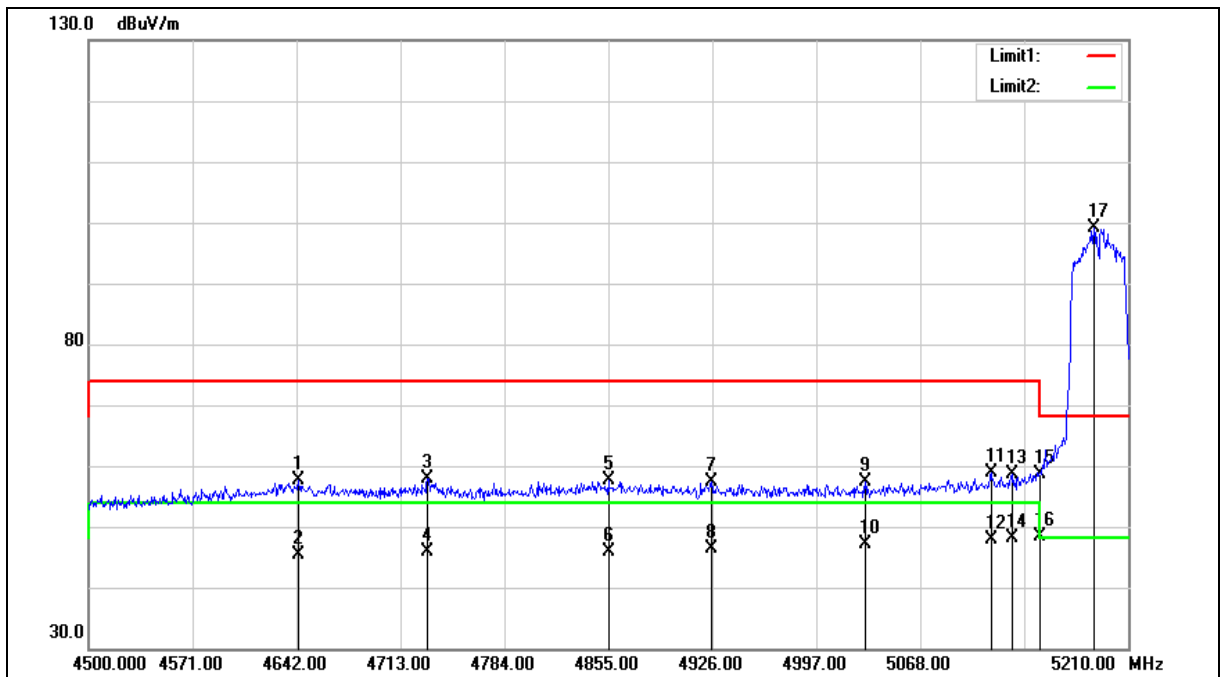
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/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.(°C)/Hum.(%RH):	26(°C)/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	4643.420	52.26	5.36	57.62	74.00	-16.38	peak
2	4643.420	40.10	5.36	45.46	54.00	-8.54	AVG
3	4731.460	52.33	5.62	57.95	74.00	-16.05	peak
4	4731.460	40.17	5.62	45.79	54.00	-8.21	AVG
5	4855.000	51.58	5.98	57.56	74.00	-16.44	peak
6	4855.000	40.02	5.98	46.00	54.00	-8.00	AVG
7	4925.290	51.19	6.19	57.38	74.00	-16.62	peak
8	4925.290	40.24	6.19	46.43	54.00	-7.57	AVG
9	5030.370	50.80	6.49	57.29	74.00	-16.71	peak
10	5030.370	40.58	6.49	47.07	54.00	-6.93	AVG
11	5116.280	52.19	6.74	58.93	74.00	-15.07	peak
12	5116.280	41.02	6.74	47.76	54.00	-6.24	AVG
13	5131.190	51.94	6.78	58.72	74.00	-15.28	peak
14	5131.190	41.31	6.78	48.09	54.00	-5.91	AVG
15	5150.000	51.88	6.84	58.72	74.00	-15.28	peak
16	5150.000	41.66	6.84	48.50	54.00	-5.50	AVG
17	5186.570	92.18	6.95	99.13	--	--	peak

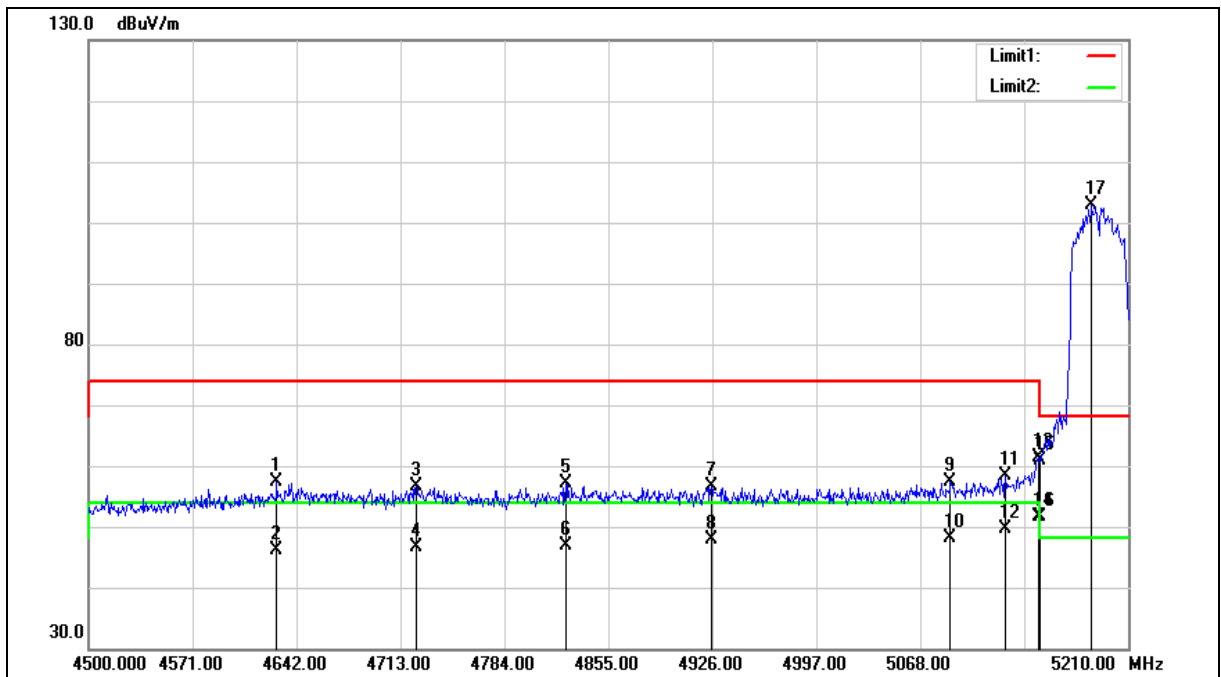
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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.(°C)/Hum.(%RH):	26(°C)/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	4628.510	52.08	5.31	57.39	74.00	-16.61	peak
2	4628.510	40.81	5.31	46.12	54.00	-7.88	AVG
3	4723.650	50.97	5.60	56.57	74.00	-17.43	peak
4	4723.650	41.01	5.60	46.61	54.00	-7.39	AVG
5	4825.890	51.12	5.89	57.01	74.00	-16.99	peak
6	4825.890	41.04	5.89	46.93	54.00	-7.07	AVG
7	4925.290	50.42	6.19	56.61	74.00	-17.39	peak
8	4925.290	41.67	6.19	47.86	54.00	-6.14	AVG
9	5088.590	50.65	6.65	57.30	74.00	-16.70	peak
10	5088.590	41.60	6.65	48.25	54.00	-5.75	AVG
11	5126.220	51.55	6.77	58.32	74.00	-15.68	peak
12	5126.220	42.94	6.77	49.71	54.00	-4.29	AVG
13	5148.940	54.45	6.84	61.29	74.00	-12.71	peak
14	5148.940	44.70	6.84	51.54	54.00	-2.46	AVG
15	5150.000	54.07	6.84	60.91	74.00	-13.09	peak
16	5150.000	44.79	6.84	51.63	54.00	-2.37	AVG
17	5185.150	96.05	6.94	102.99	--	--	peak

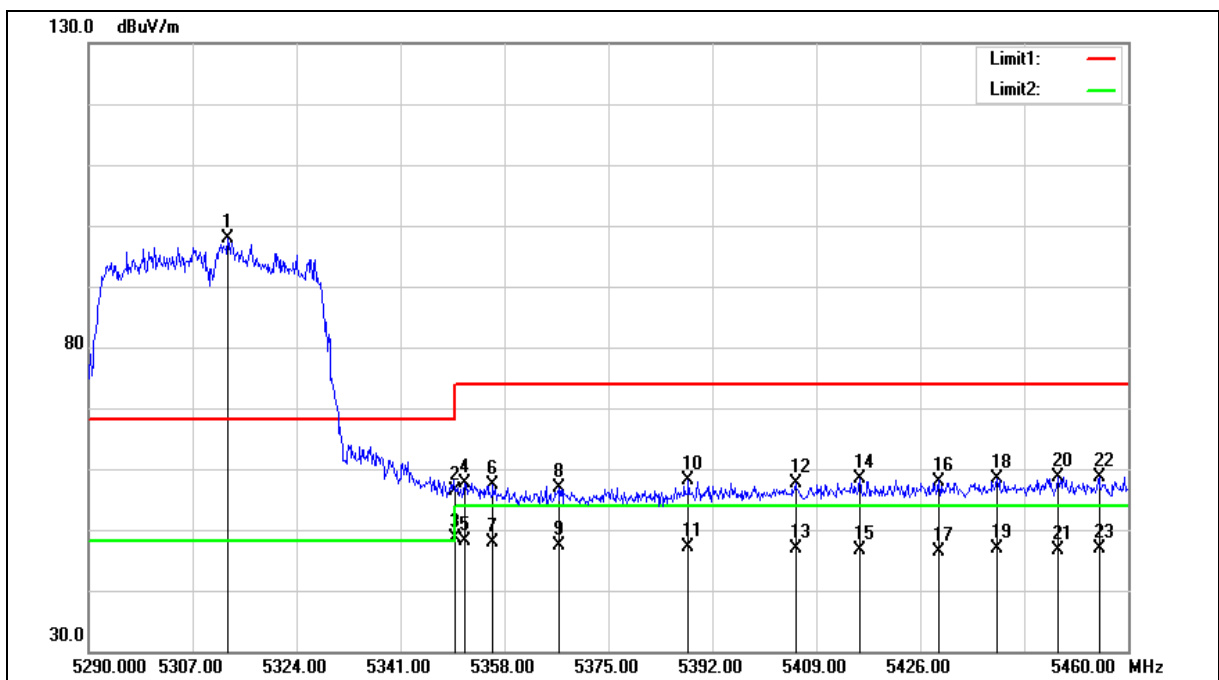
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5312.780	90.59	7.30	97.89	--	--	peak
2	5350.000	48.97	7.41	56.38	74.00	-17.62	peak
3	5350.000	41.28	7.41	48.69	54.00	-5.31	AVG
4	5351.540	50.26	7.41	57.67	74.00	-16.33	peak
5	5351.540	40.60	7.41	48.01	54.00	-5.99	AVG
6	5356.130	49.85	7.43	57.28	74.00	-16.72	peak
7	5356.130	40.35	7.43	47.78	54.00	-6.22	AVG
8	5366.840	49.53	7.46	56.99	74.00	-17.01	peak
9	5366.840	39.86	7.46	47.32	54.00	-6.68	AVG
10	5388.090	50.58	7.53	58.11	74.00	-15.89	peak
11	5388.090	39.51	7.53	47.04	54.00	-6.96	AVG
12	5405.600	50.06	7.58	57.64	74.00	-16.36	peak
13	5405.600	39.28	7.58	46.86	54.00	-7.14	AVG
14	5416.140	50.80	7.61	58.41	74.00	-15.59	peak
15	5416.140	39.01	7.61	46.62	54.00	-7.38	AVG
16	5429.060	50.35	7.65	58.00	74.00	-16.00	peak
17	5429.060	38.83	7.65	46.48	54.00	-7.52	AVG
18	5438.580	50.81	7.68	58.49	74.00	-15.51	peak
19	5438.580	39.14	7.68	46.82	54.00	-7.18	AVG
20	5448.610	51.01	7.70	58.71	74.00	-15.29	peak
21	5448.610	39.00	7.70	46.70	54.00	-7.30	AVG
22	5455.240	50.92	7.73	58.65	74.00	-15.35	peak
23	5455.240	39.08	7.73	46.81	54.00	-7.19	AVG

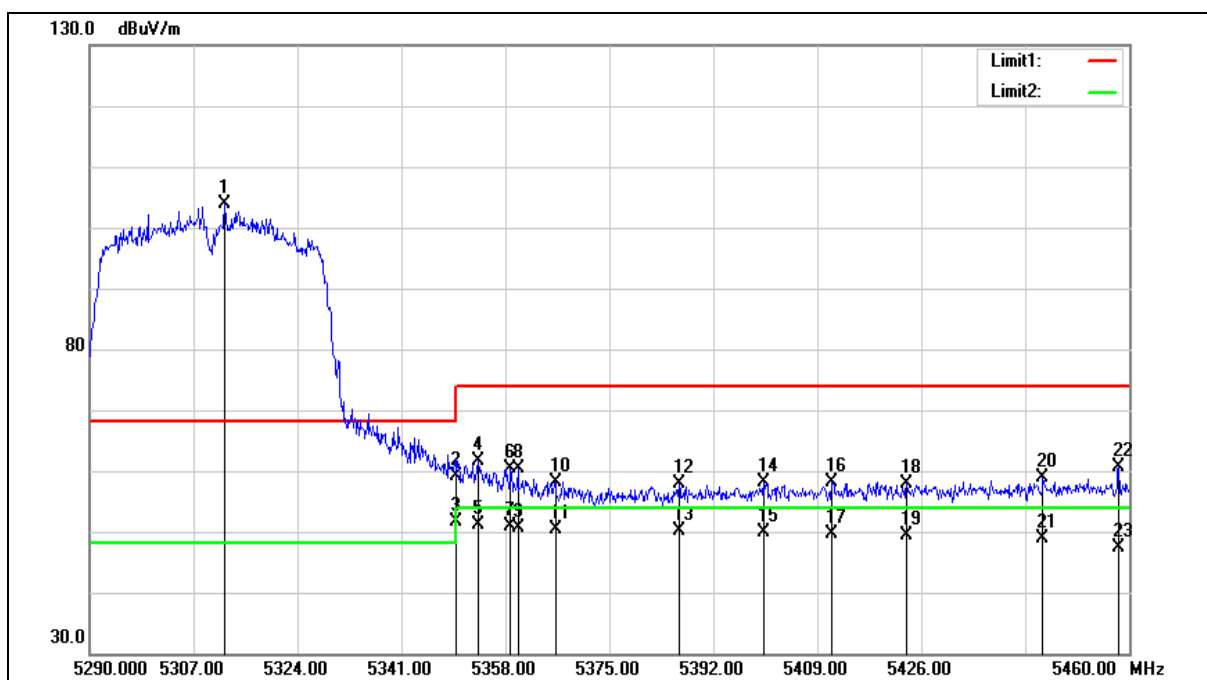
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5312.100	96.49	7.30	103.79	--	--	peak
2	5350.000	51.63	7.41	59.04	74.00	-14.96	peak
3	5350.000	44.12	7.41	51.53	54.00	-2.47	AVG
4	5353.580	54.18	7.42	61.60	74.00	-12.40	peak
5	5353.580	43.81	7.42	51.23	54.00	-2.77	AVG
6	5358.850	52.98	7.44	60.42	74.00	-13.58	peak
7	5358.850	43.53	7.44	50.97	54.00	-3.03	AVG
8	5360.040	53.00	7.44	60.44	74.00	-13.56	peak
9	5360.040	43.21	7.44	50.65	54.00	-3.35	AVG
10	5366.160	50.71	7.46	58.17	74.00	-15.83	peak
11	5366.160	42.95	7.46	50.41	54.00	-3.59	AVG
12	5386.390	50.32	7.53	57.85	74.00	-16.15	peak
13	5386.390	42.62	7.53	50.15	54.00	-3.85	AVG
14	5400.160	50.47	7.56	58.03	74.00	-15.97	peak
15	5400.160	42.31	7.56	49.87	54.00	-4.13	AVG
16	5411.380	50.64	7.60	58.24	74.00	-15.76	peak
17	5411.380	41.96	7.60	49.56	54.00	-4.44	AVG
18	5423.620	50.34	7.63	57.97	74.00	-16.03	peak
19	5423.620	41.69	7.63	49.32	54.00	-4.68	AVG
20	5445.890	51.13	7.70	58.83	74.00	-15.17	peak
21	5445.890	41.26	7.70	48.96	54.00	-5.04	AVG
22	5458.300	52.84	7.73	60.57	74.00	-13.43	peak
23	5458.300	39.62	7.73	47.35	54.00	-6.65	AVG

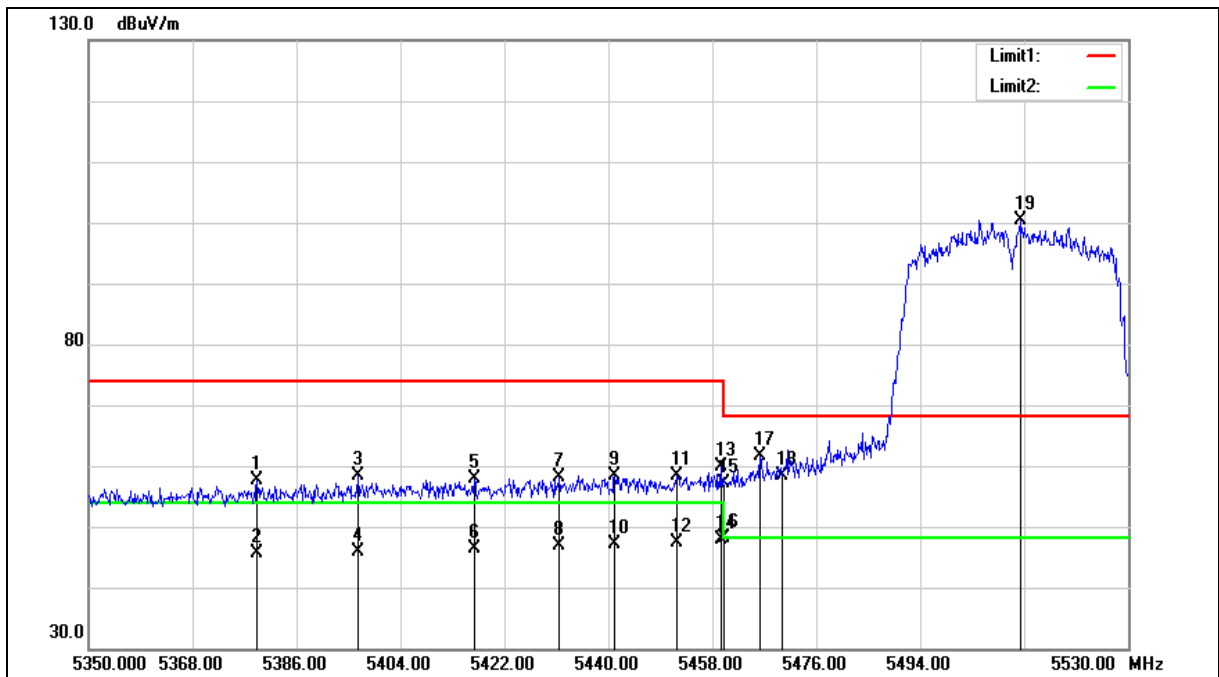
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5379.160	50.02	7.51	57.53	74.00	-16.47	peak
2	5379.160	38.05	7.51	45.56	54.00	-8.44	AVG
3	5396.620	50.78	7.56	58.34	74.00	-15.66	peak
4	5396.620	38.42	7.56	45.98	54.00	-8.02	AVG
5	5416.780	50.37	7.62	57.99	74.00	-16.01	peak
6	5416.780	38.83	7.62	46.45	54.00	-7.55	AVG
7	5431.540	50.47	7.65	58.12	74.00	-15.88	peak
8	5431.540	39.22	7.65	46.87	54.00	-7.13	AVG
9	5441.080	50.74	7.68	58.42	74.00	-15.58	peak
10	5441.080	39.34	7.68	47.02	54.00	-6.98	AVG
11	5451.880	50.55	7.71	58.26	74.00	-15.74	peak
12	5451.880	39.72	7.71	47.43	54.00	-6.57	AVG
13	5459.440	52.14	7.73	59.87	74.00	-14.13	peak
14	5459.440	40.09	7.73	47.82	54.00	-6.18	AVG
15	5460.000	49.31	7.74	57.05	74.00	-16.95	peak
16	5460.000	40.36	7.74	48.10	54.00	-5.90	AVG
17	5466.280	53.98	7.76	61.74	68.20	-6.46	peak
18	5470.000	50.55	7.76	58.31	68.20	-9.89	peak
19	5511.280	92.63	7.87	100.50	--	--	peak

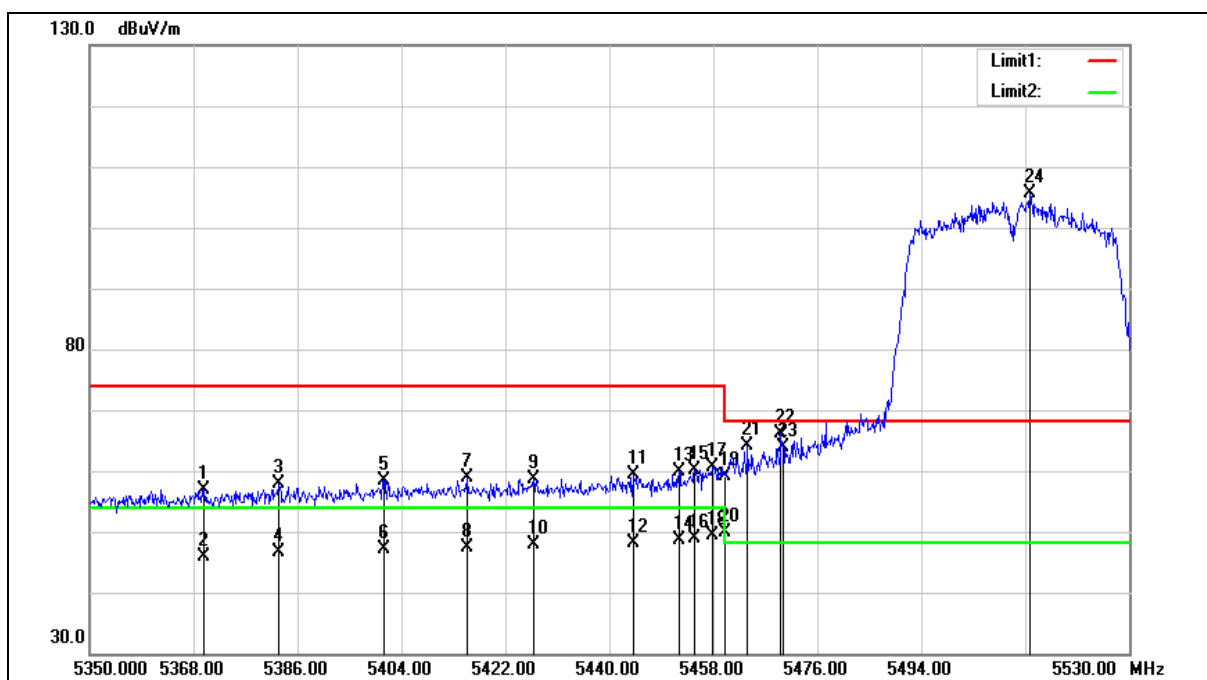
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

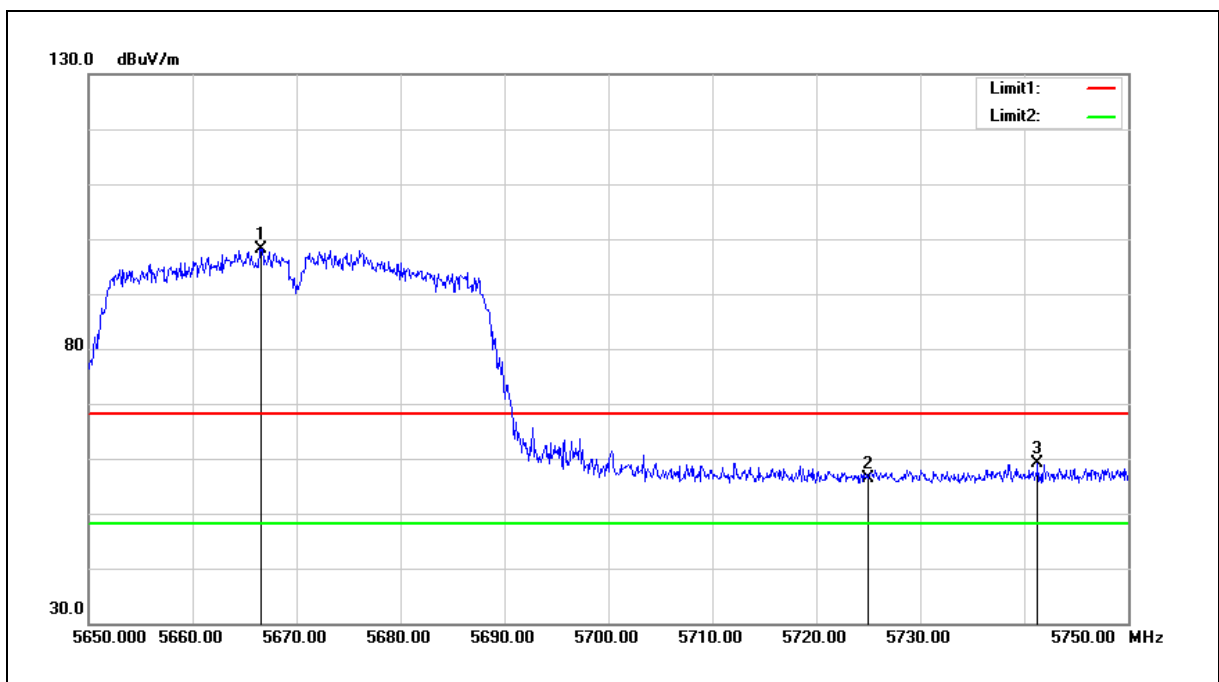
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5369.800	49.33	7.47	56.80	74.00	-17.20	peak
2	5369.800	38.49	7.47	45.96	54.00	-8.04	AVG
3	5382.760	50.30	7.51	57.81	74.00	-16.19	peak
4	5382.760	39.05	7.51	46.56	54.00	-7.44	AVG
5	5400.940	50.81	7.57	58.38	74.00	-15.62	peak
6	5400.940	39.49	7.57	47.06	54.00	-6.94	AVG
7	5415.340	51.37	7.61	58.98	74.00	-15.02	peak
8	5415.340	39.84	7.61	47.45	54.00	-6.55	AVG
9	5426.860	51.11	7.64	58.75	74.00	-15.25	peak
10	5426.860	40.14	7.64	47.78	54.00	-6.22	AVG
11	5444.140	51.65	7.69	59.34	74.00	-14.66	peak
12	5444.140	40.41	7.69	48.10	54.00	-5.90	AVG
13	5452.060	52.15	7.71	59.86	74.00	-14.14	peak
14	5452.060	40.82	7.71	48.53	54.00	-5.47	AVG
15	5454.760	52.34	7.72	60.06	74.00	-13.94	peak
16	5454.760	41.25	7.72	48.97	54.00	-5.03	AVG
17	5457.820	52.87	7.73	60.60	74.00	-13.40	peak
18	5457.820	41.59	7.73	49.32	54.00	-4.68	AVG
19	5460.000	51.39	7.74	59.13	74.00	-14.87	peak
20	5460.000	42.16	7.74	49.90	54.00	-4.10	AVG
21	5463.940	56.32	7.74	64.06	68.20	-4.14	peak
22	5469.700	58.42	7.76	66.18	68.20	-2.02	peak
23	5470.000	56.05	7.76	63.81	68.20	-4.39	peak
24	5512.900	97.85	7.87	105.72	--	--	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:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



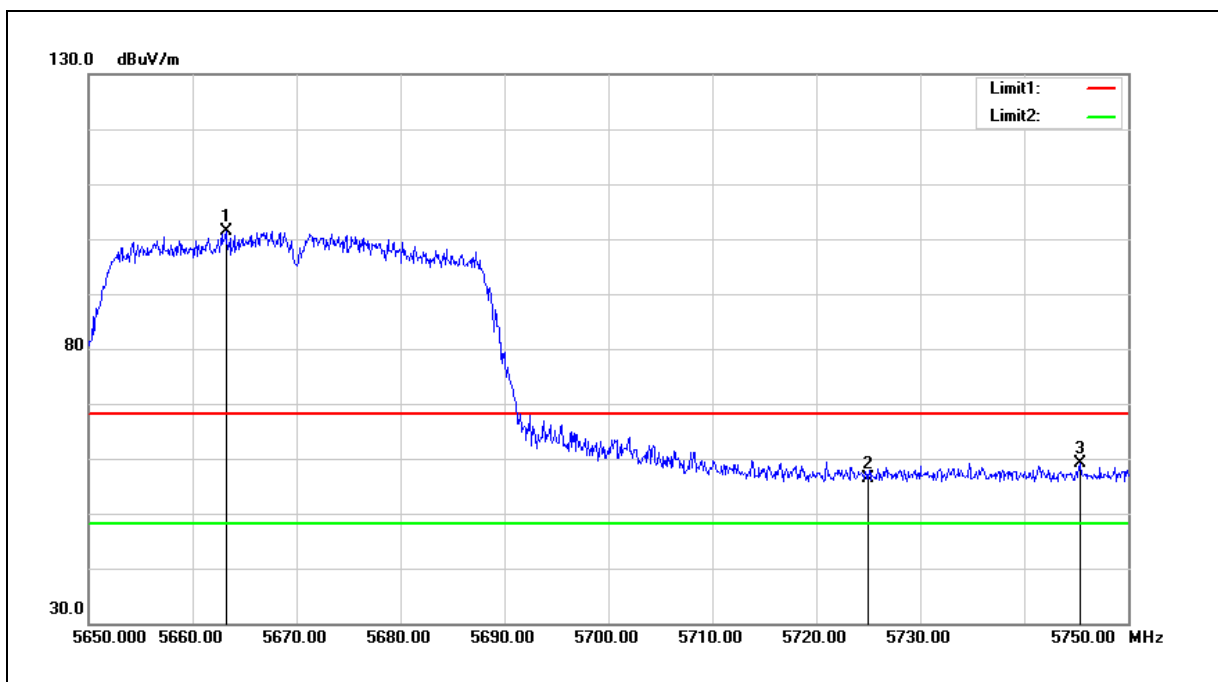
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5666.600	89.97	8.19	98.16	--	--	peak
2	5725.000	48.08	8.31	56.39	68.20	-11.81	peak
3	5741.300	50.85	8.34	59.19	68.20	-9.01	peak

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:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



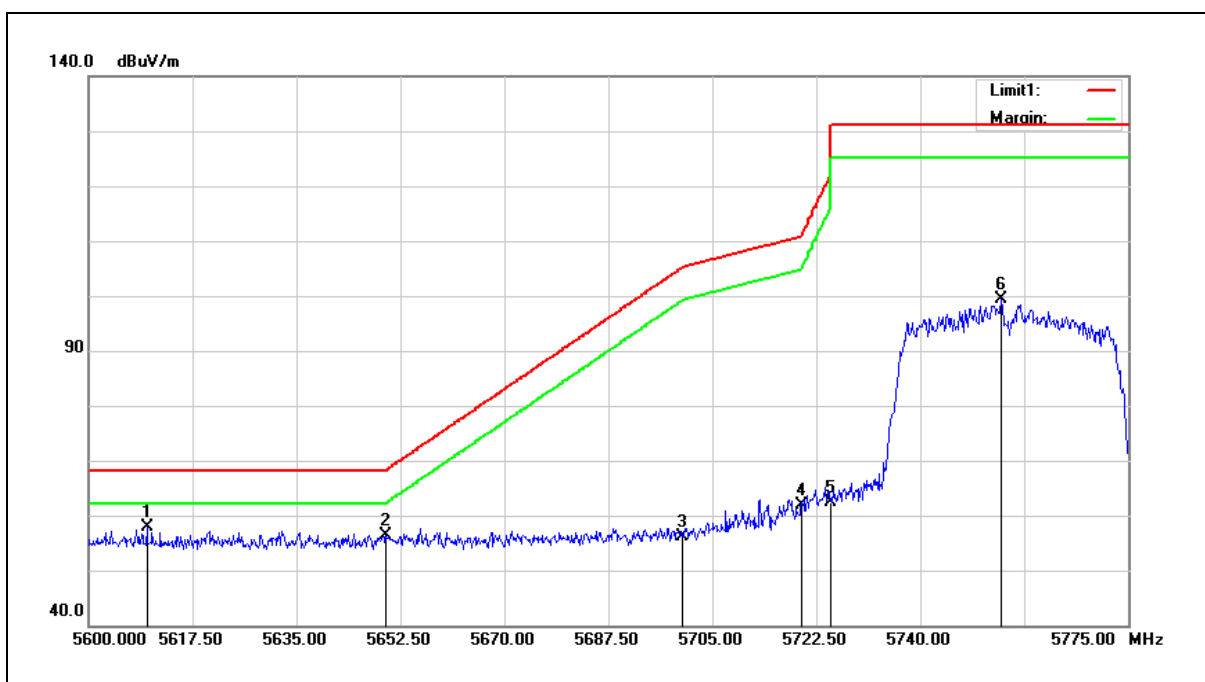
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5663.200	93.18	8.18	101.36	--	--	peak
2	5725.000	48.04	8.31	56.35	68.20	-11.85	peak
3	5745.400	50.81	8.35	59.16	68.20	-9.04	peak

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:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



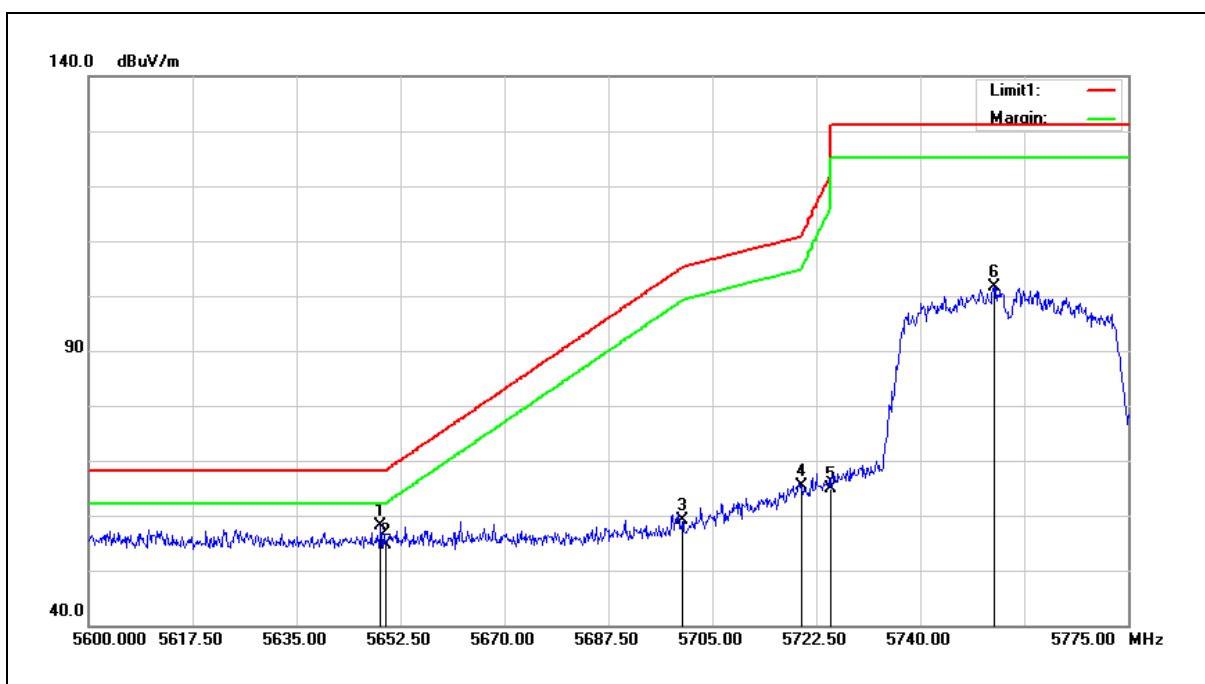
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5609.800	49.84	8.07	57.91	68.20	-10.29	peak
2	5650.000	48.15	8.16	56.31	68.20	-11.89	peak
3	5700.000	47.77	8.26	56.03	105.20	-49.17	peak
4	5720.000	53.59	8.30	61.89	110.80	-48.91	peak
5	5725.000	54.14	8.31	62.45	122.20	-59.75	peak
6	5753.650	91.00	8.36	99.36	--	--	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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



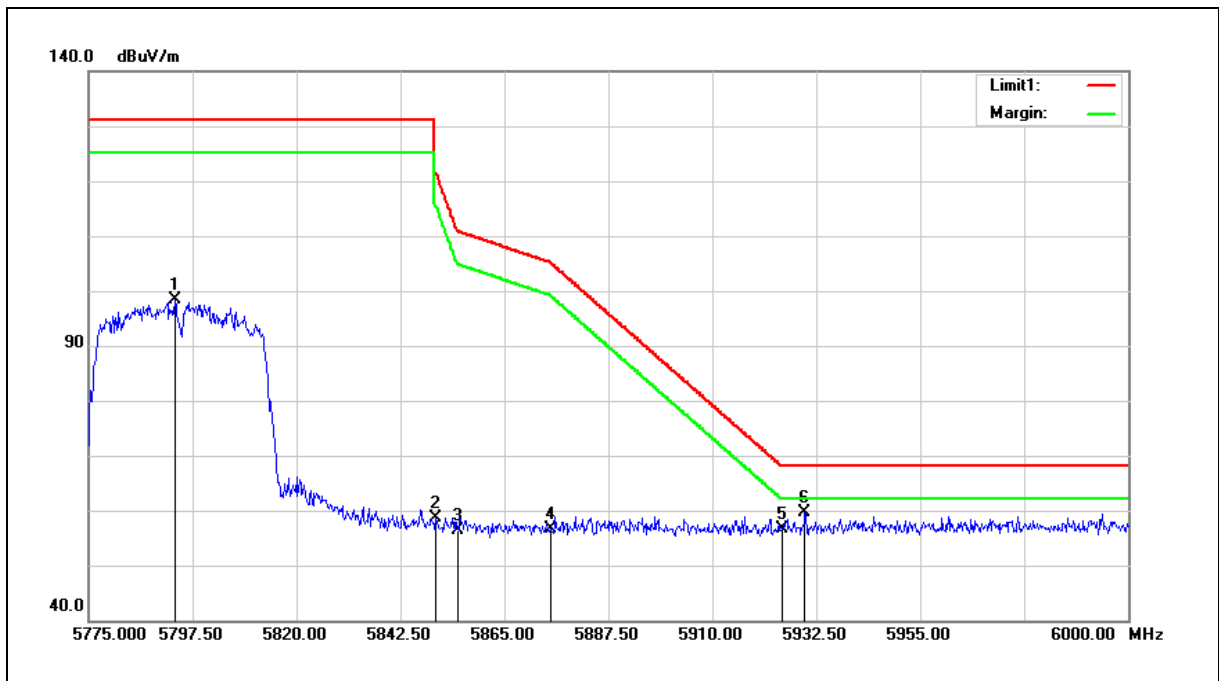
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5649.175	49.97	8.16	58.13	68.20	-10.07	peak
2	5650.000	46.38	8.16	54.54	68.20	-13.66	peak
3	5700.000	50.82	8.26	59.08	105.20	-46.12	peak
4	5720.000	56.97	8.30	65.27	110.80	-45.53	peak
5	5725.000	56.56	8.31	64.87	122.20	-57.33	peak
6	5752.425	93.22	8.36	101.58	--	--	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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



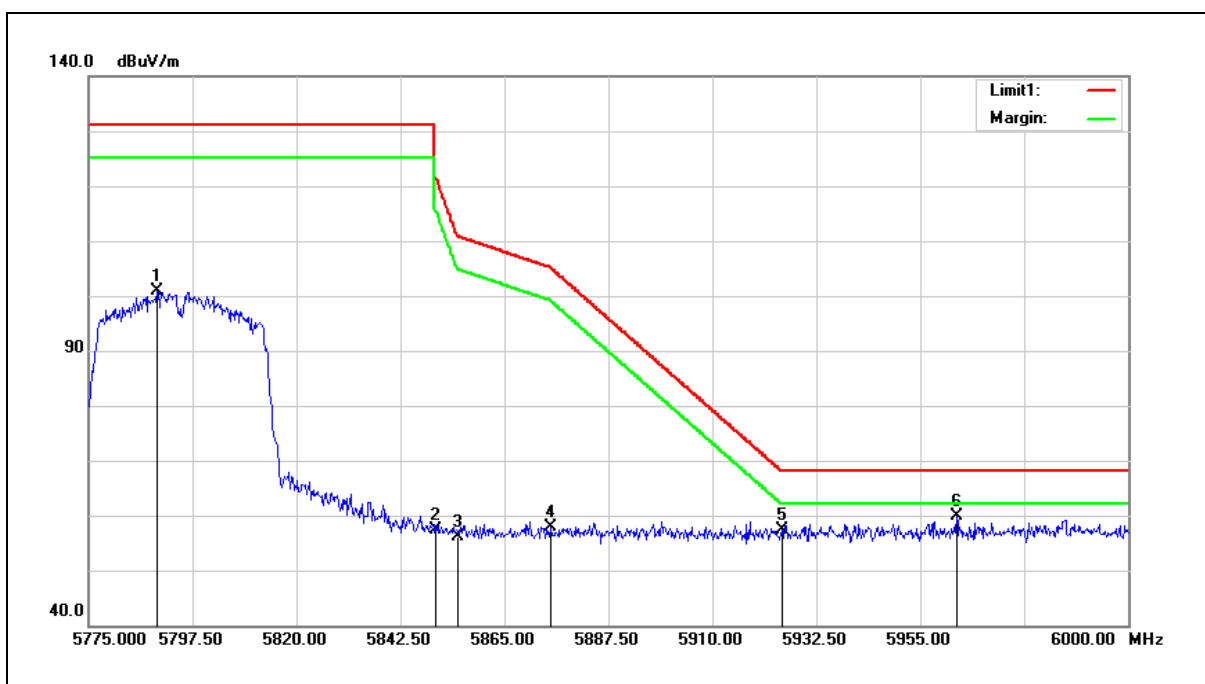
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5793.675	89.84	8.44	98.28	--	--	peak
2	5850.000	49.96	8.55	58.51	122.20	-63.69	peak
3	5855.000	47.87	8.56	56.43	110.80	-54.37	peak
4	5875.000	47.97	8.61	56.58	105.20	-48.62	peak
5	5925.000	47.99	8.71	56.70	68.20	-11.50	peak
6	5930.025	50.95	8.72	59.67	68.20	-8.53	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:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5789.850	92.50	8.43	100.93	--	--	peak
2	5850.000	48.76	8.55	57.31	122.20	-64.89	peak
3	5855.000	47.69	8.56	56.25	110.80	-54.55	peak
4	5875.000	49.16	8.61	57.77	105.20	-47.43	peak
5	5925.000	48.75	8.71	57.46	68.20	-10.74	peak
6	5962.875	51.15	8.78	59.93	68.20	-8.27	peak

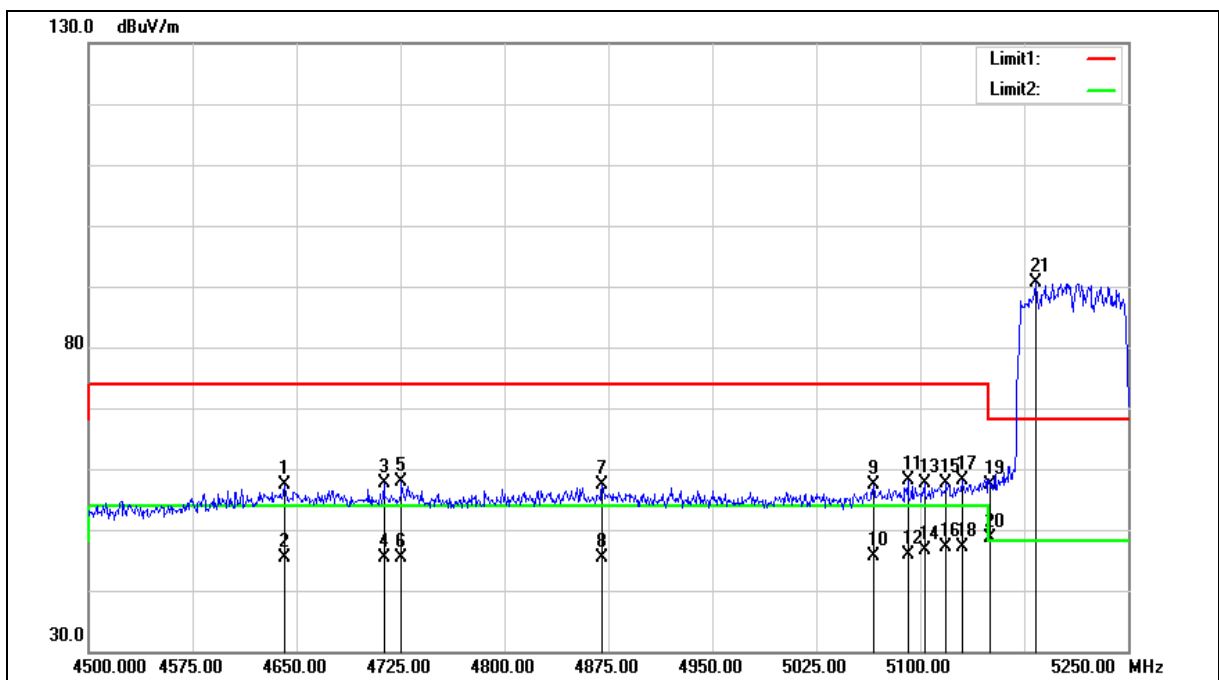
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.(°C)/Hum.(%RH):	26(°C)/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.(°C)/Hum.(%RH):	26(°C)/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	51.94	5.35	57.29	74.00	-16.71	peak
2	4641.000	39.98	5.35	45.33	54.00	-8.67	AVG
3	4713.000	52.10	5.56	57.66	74.00	-16.34	peak
4	4713.000	39.71	5.56	45.27	54.00	-8.73	AVG
5	4725.750	52.18	5.61	57.79	74.00	-16.21	peak
6	4725.750	39.71	5.61	45.32	54.00	-8.68	AVG
7	4870.500	51.23	6.03	57.26	74.00	-16.74	peak
8	4870.500	39.34	6.03	45.37	54.00	-8.63	AVG
9	5066.250	50.72	6.59	57.31	74.00	-16.69	peak
10	5066.250	38.95	6.59	45.54	54.00	-8.46	AVG
11	5091.000	51.41	6.66	58.07	74.00	-15.93	peak
12	5091.000	39.14	6.66	45.80	54.00	-8.20	AVG
13	5103.000	50.93	6.69	57.62	74.00	-16.38	peak
14	5103.000	40.04	6.69	46.73	54.00	-7.27	AVG
15	5118.750	50.96	6.74	57.70	74.00	-16.30	peak
16	5118.750	40.42	6.74	47.16	54.00	-6.84	AVG
17	5130.000	51.26	6.78	58.04	74.00	-15.96	peak
18	5130.000	40.42	6.78	47.20	54.00	-6.80	AVG
19	5150.000	50.54	6.84	57.38	74.00	-16.62	peak
20	5150.000	41.68	6.84	48.52	54.00	-5.48	AVG
21	5183.250	83.60	6.93	90.53	--	--	peak

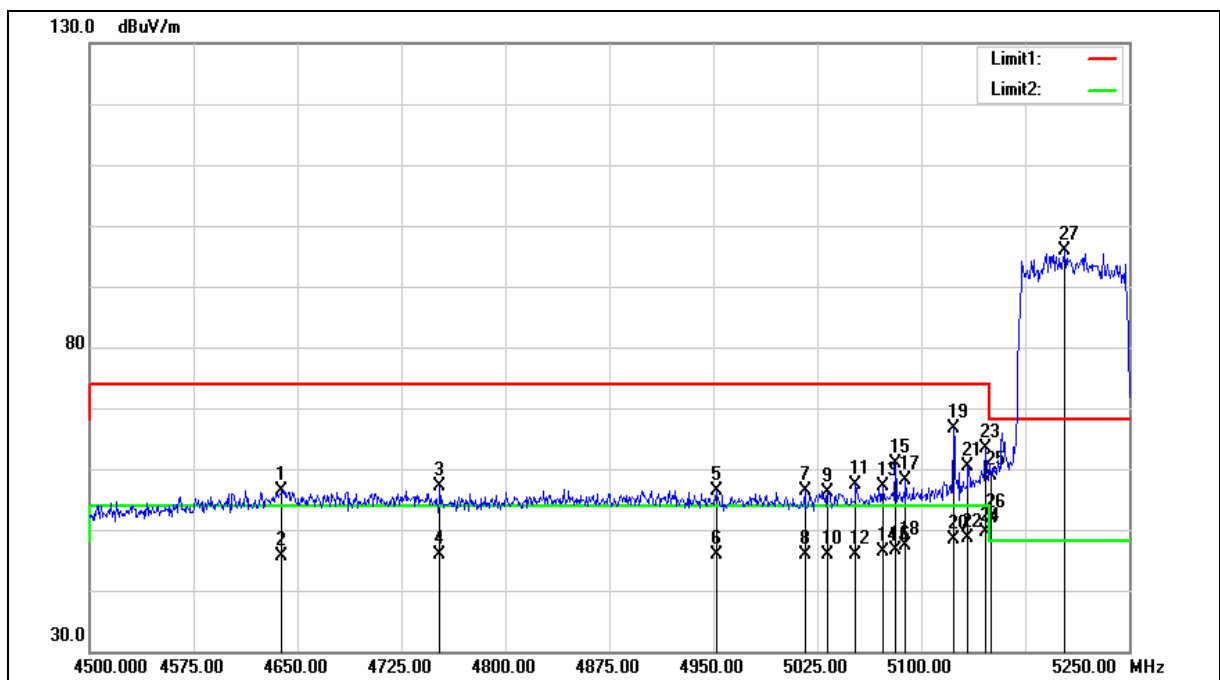
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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.(°C)/Hum.(%RH):	26(°C)/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	4638.750	50.97	5.35	56.32	74.00	-17.68	peak
2	4638.750	40.36	5.35	45.71	54.00	-8.29	AVG
3	4752.750	51.42	5.68	57.10	74.00	-16.90	peak
4	4752.750	40.12	5.68	45.80	54.00	-8.20	AVG
5	4952.250	50.13	6.25	56.38	74.00	-17.62	peak
6	4952.250	39.54	6.25	45.79	54.00	-8.21	AVG
7	5016.000	50.02	6.45	56.47	74.00	-17.53	peak
8	5016.000	39.41	6.45	45.86	54.00	-8.14	AVG
9	5032.500	49.56	6.49	56.05	74.00	-17.95	peak
10	5032.500	39.30	6.49	45.79	54.00	-8.21	AVG
11	5052.750	50.95	6.55	57.50	74.00	-16.50	peak
12	5052.750	39.38	6.55	45.93	54.00	-8.07	AVG
13	5072.250	50.50	6.60	57.10	74.00	-16.90	peak
14	5072.250	39.74	6.60	46.34	54.00	-7.66	AVG
15	5081.250	54.25	6.63	60.88	74.00	-13.12	peak
16	5081.250	39.96	6.63	46.59	54.00	-7.41	AVG
17	5088.750	51.36	6.66	58.02	74.00	-15.98	peak
18	5088.750	40.66	6.66	47.32	54.00	-6.68	AVG
19	5123.250	59.81	6.75	66.56	74.00	-7.44	peak
20	5123.250	41.58	6.75	48.33	54.00	-5.67	AVG
21	5133.750	53.60	6.79	60.39	74.00	-13.61	peak
22	5133.750	41.96	6.79	48.75	54.00	-5.25	AVG
23	5146.500	56.66	6.83	63.49	74.00	-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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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
24	5146.500	42.77	6.83	49.60	54.00	-4.40	AVG
25	5150.000	51.94	6.84	58.78	74.00	-15.22	peak
26	5150.000	44.99	6.84	51.83	54.00	-2.17	AVG
27	5203.500	88.90	6.99	95.89	--	--	peak

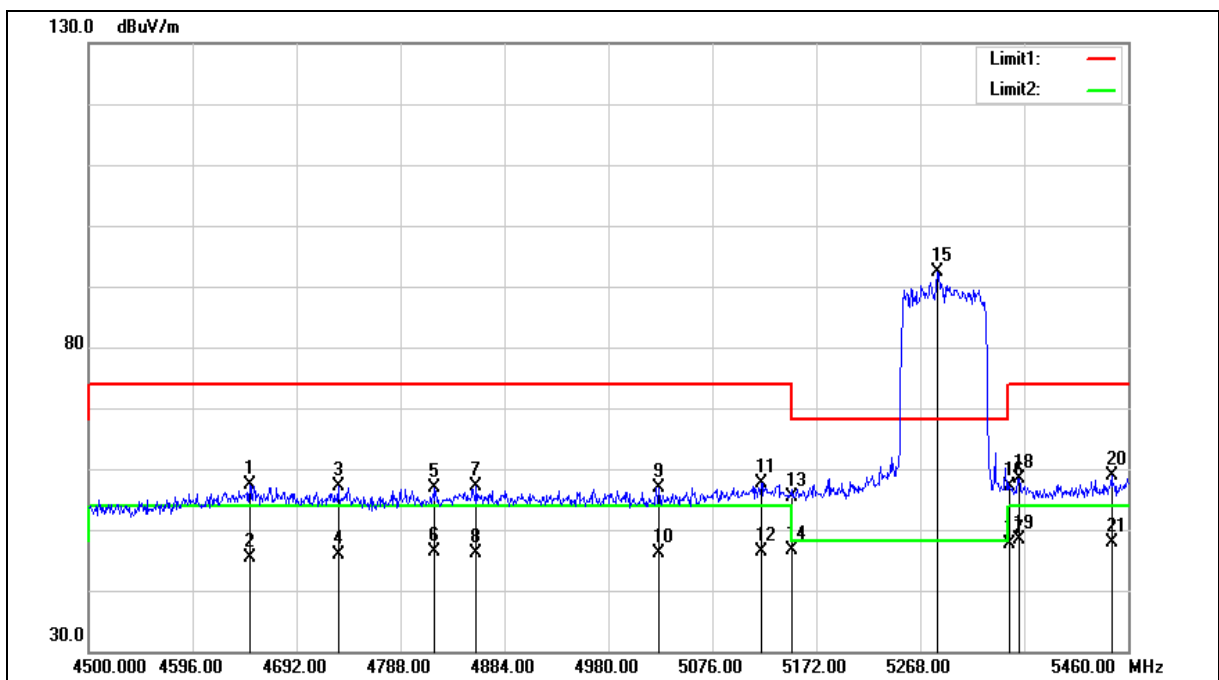
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	4648.800	51.90	5.37	57.27	74.00	-16.73	peak
2	4648.800	40.05	5.37	45.42	54.00	-8.58	AVG
3	4730.400	51.46	5.62	57.08	74.00	-16.92	peak
4	4730.400	40.29	5.62	45.91	54.00	-8.09	AVG
5	4819.680	50.95	5.87	56.82	74.00	-17.18	peak
6	4819.680	40.41	5.87	46.28	54.00	-7.72	AVG
7	4858.080	51.12	5.99	57.11	74.00	-16.89	peak
8	4858.080	40.15	5.99	46.14	54.00	-7.86	AVG
9	5026.080	50.44	6.48	56.92	74.00	-17.08	peak
10	5026.080	39.60	6.48	46.08	54.00	-7.92	AVG
11	5121.120	50.96	6.75	57.71	74.00	-16.29	peak
12	5121.120	39.64	6.75	46.39	54.00	-7.61	AVG
13	5150.000	48.64	6.84	55.48	74.00	-18.52	peak
14	5150.000	39.87	6.84	46.71	54.00	-7.29	AVG
15	5283.360	85.15	7.22	92.37	--	--	peak
16	5350.000	49.76	7.41	57.17	74.00	-16.83	peak
17	5350.000	40.33	7.41	47.74	54.00	-6.26	AVG
18	5359.200	51.04	7.44	58.48	74.00	-15.52	peak
19	5359.200	40.82	7.44	48.26	54.00	-5.74	AVG
20	5444.640	51.10	7.69	58.79	74.00	-15.21	peak
21	5444.640	40.13	7.69	47.82	54.00	-6.18	AVG

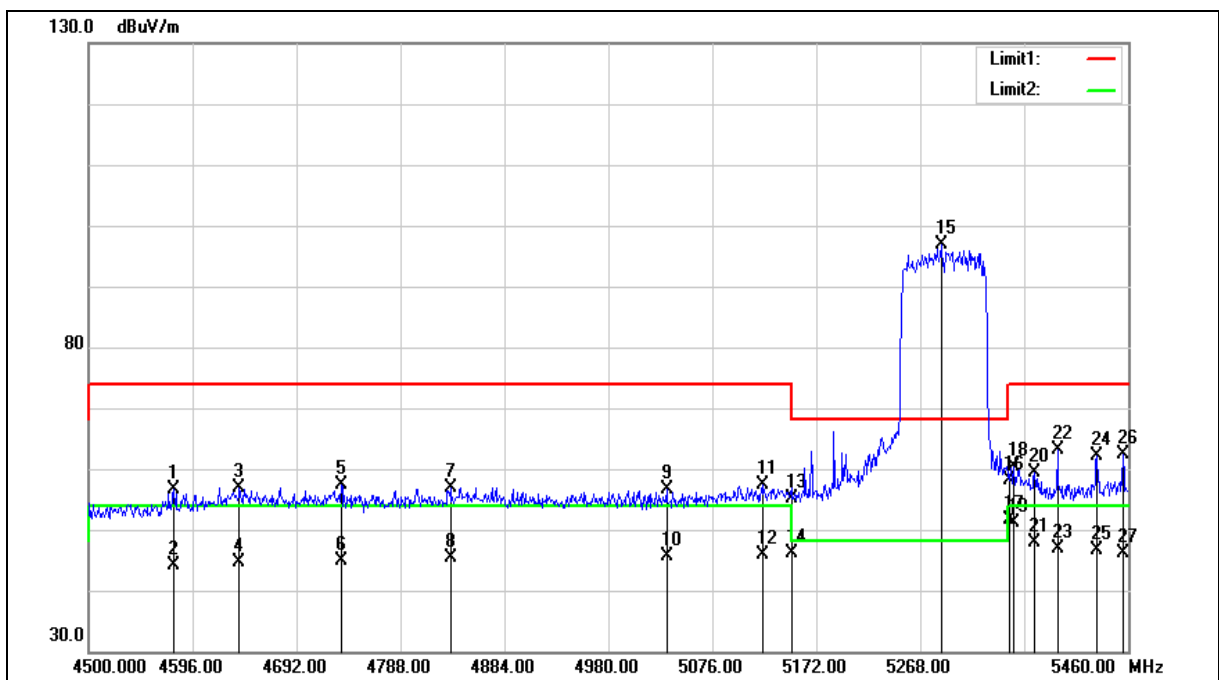
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	4578.720	51.36	5.16	56.52	74.00	-17.48	peak
2	4578.720	39.07	5.16	44.23	54.00	-9.77	AVG
3	4639.200	51.45	5.35	56.80	74.00	-17.20	peak
4	4639.200	39.23	5.35	44.58	54.00	-9.42	AVG
5	4733.280	51.68	5.62	57.30	74.00	-16.70	peak
6	4733.280	39.34	5.62	44.96	54.00	-9.04	AVG
7	4834.080	51.05	5.91	56.96	74.00	-17.04	peak
8	4834.080	39.36	5.91	45.27	54.00	-8.73	AVG
9	5033.760	50.25	6.49	56.74	74.00	-17.26	peak
10	5033.760	39.02	6.49	45.51	54.00	-8.49	AVG
11	5123.040	50.74	6.75	57.49	74.00	-16.51	peak
12	5123.040	39.12	6.75	45.87	54.00	-8.13	AVG
13	5150.000	48.41	6.84	55.25	74.00	-18.75	peak
14	5150.000	39.20	6.84	46.04	54.00	-7.96	AVG
15	5287.200	89.75	7.23	96.98	--	--	peak
16	5350.000	50.74	7.41	58.15	74.00	-15.85	peak
17	5350.000	44.22	7.41	51.63	54.00	-2.37	AVG
18	5354.400	52.85	7.42	60.27	74.00	-13.73	peak
19	5354.400	43.80	7.42	51.22	54.00	-2.78	AVG
20	5373.600	51.91	7.47	59.38	74.00	-14.62	peak
21	5373.600	40.53	7.47	48.00	54.00	-6.00	AVG
22	5394.720	55.47	7.54	63.01	74.00	-10.99	peak
23	5394.720	39.35	7.54	46.89	54.00	-7.11	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:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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
24	5431.200	54.58	7.65	62.23	74.00	-11.77	peak
25	5431.200	38.86	7.65	46.51	54.00	-7.49	AVG
26	5455.200	54.74	7.73	62.47	74.00	-11.53	peak
27	5455.200	38.29	7.73	46.02	54.00	-7.98	AVG

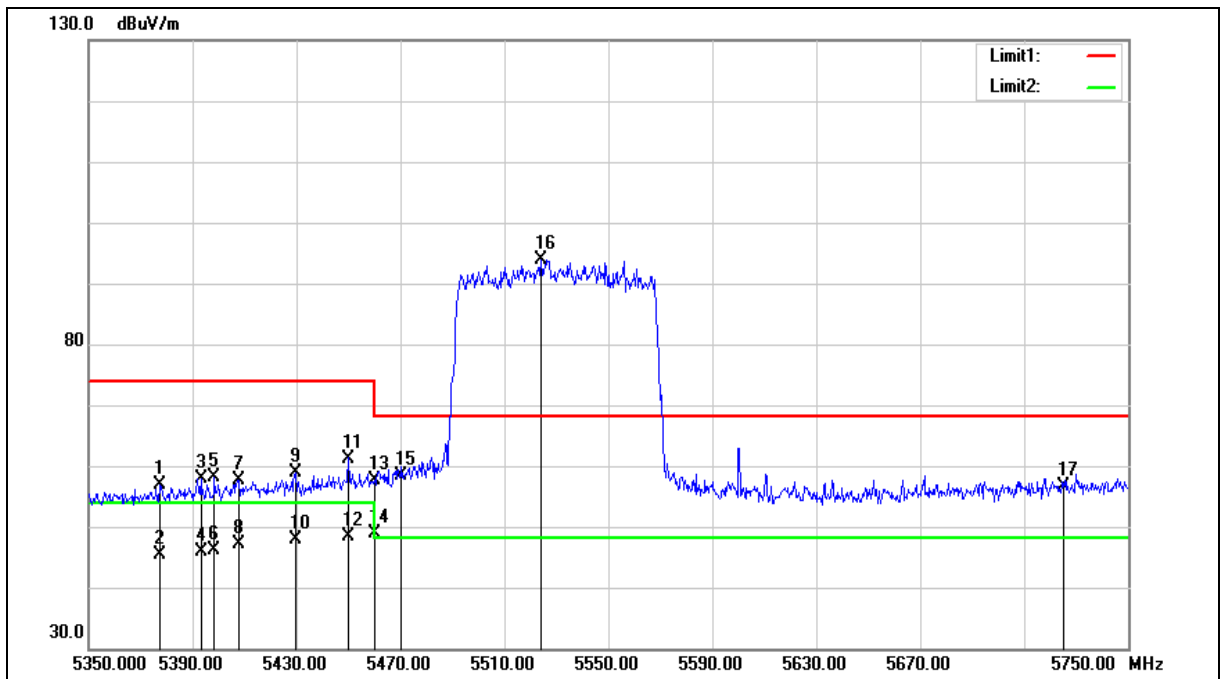
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5377.200	49.40	7.50	56.90	74.00	-17.10	peak
2	5377.200	37.88	7.50	45.38	54.00	-8.62	AVG
3	5393.200	50.33	7.54	57.87	74.00	-16.13	peak
4	5393.200	38.32	7.54	45.86	54.00	-8.14	AVG
5	5398.400	50.58	7.56	58.14	74.00	-15.86	peak
6	5398.400	38.69	7.56	46.25	54.00	-7.75	AVG
7	5407.600	50.13	7.59	57.72	74.00	-16.28	peak
8	5407.600	39.42	7.59	47.01	54.00	-6.99	AVG
9	5429.600	51.26	7.65	58.91	74.00	-15.09	peak
10	5429.600	40.31	7.65	47.96	54.00	-6.04	AVG
11	5450.000	53.54	7.71	61.25	74.00	-12.75	peak
12	5450.000	40.71	7.71	48.42	54.00	-5.58	AVG
13	5460.000	49.95	7.74	57.69	74.00	-16.31	peak
14	5460.000	41.23	7.74	48.97	54.00	-5.03	AVG
15	5470.000	50.64	7.76	58.40	68.20	-9.80	peak
16	5524.000	85.95	7.89	93.84	--	--	peak
17	5725.000	48.32	8.31	56.63	68.20	-11.57	peak

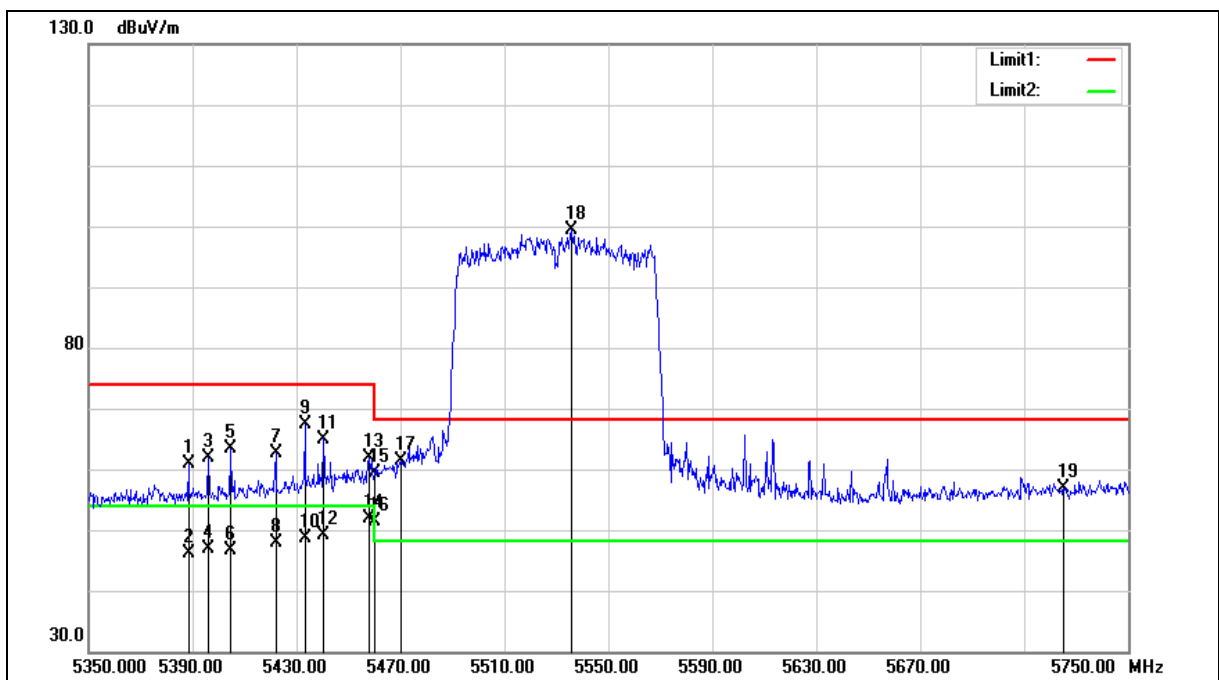
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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	5388.400	53.31	7.53	60.84	74.00	-13.16	peak
2	5388.400	38.67	7.53	46.20	54.00	-7.80	AVG
3	5396.000	54.22	7.56	61.78	74.00	-12.22	peak
4	5396.000	39.24	7.56	46.80	54.00	-7.20	AVG
5	5404.800	55.78	7.57	63.35	74.00	-10.65	peak
6	5404.800	39.18	7.57	46.75	54.00	-7.25	AVG
7	5422.000	55.05	7.62	62.67	74.00	-11.33	peak
8	5422.000	40.16	7.62	47.78	54.00	-6.22	AVG
9	5433.200	59.72	7.66	67.38	74.00	-6.62	peak
10	5433.200	40.97	7.66	48.63	54.00	-5.37	AVG
11	5440.400	57.32	7.68	65.00	74.00	-9.00	peak
12	5440.400	41.49	7.68	49.17	54.00	-4.83	AVG
13	5458.000	54.06	7.73	61.79	74.00	-12.21	peak
14	5458.000	44.24	7.73	51.97	54.00	-2.03	AVG
15	5460.000	51.66	7.74	59.40	74.00	-14.60	peak
16	5460.000	43.72	7.74	51.46	54.00	-2.54	AVG
17	5470.000	53.62	7.76	61.38	68.20	-6.82	peak
18	5536.000	91.45	7.93	99.38	--	--	peak
19	5725.000	48.58	8.31	56.89	68.20	-11.31	peak

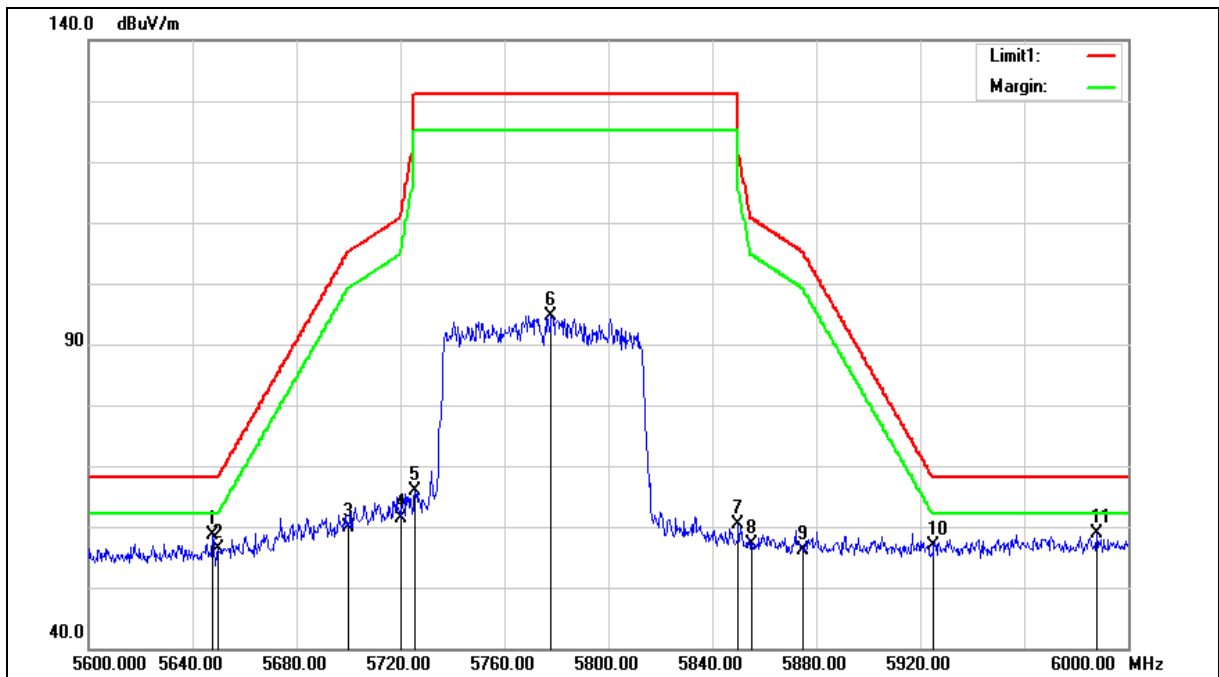
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

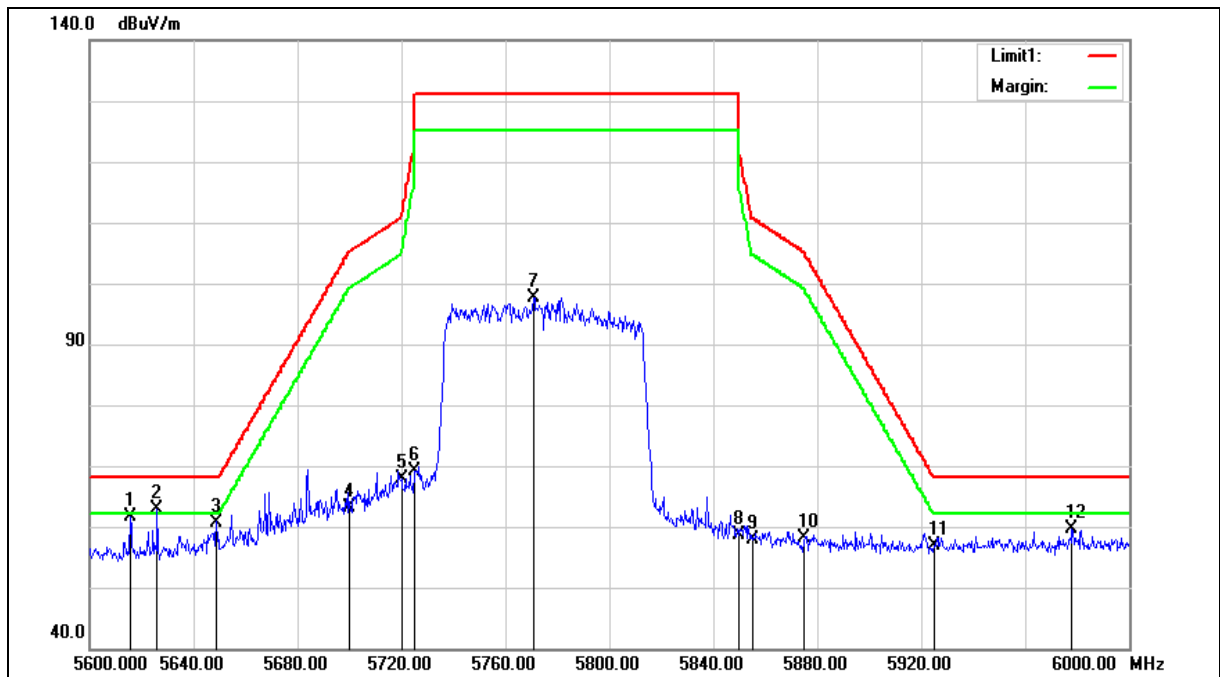
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5647.600	50.39	8.15	58.54	68.20	-9.66	peak
2	5650.000	48.22	8.16	56.38	68.20	-11.82	peak
3	5700.000	51.73	8.26	59.99	105.20	-45.21	peak
4	5720.000	53.11	8.30	61.41	110.80	-49.39	peak
5	5725.600	57.53	8.31	65.84	131.20	-65.36	peak
6	5778.000	86.31	8.41	94.72	--	--	peak
7	5850.000	51.80	8.55	60.35	122.20	-61.85	peak
8	5855.000	48.55	8.56	57.11	110.80	-53.69	peak
9	5875.000	47.61	8.61	56.22	105.20	-48.98	peak
10	5925.000	48.15	8.71	56.86	68.20	-11.34	peak
11	5988.000	50.11	8.84	58.95	68.20	-9.25	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:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/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.(°C)/Hum.(%RH):	26(°C)/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	5615.600	53.65	8.08	61.73	68.20	-6.47	peak
2	5626.000	54.77	8.11	62.88	68.20	-5.32	peak
3	5648.800	52.59	8.16	60.75	68.20	-7.45	peak
4	5700.000	54.93	8.26	63.19	105.20	-42.01	peak
5	5720.000	59.59	8.30	67.89	110.80	-42.91	peak
6	5725.000	60.88	8.31	69.19	122.20	-53.01	peak
7	5770.800	89.34	8.40	97.74	--	--	peak
8	5850.000	49.99	8.55	58.54	122.20	-63.66	peak
9	5855.000	49.23	8.56	57.79	110.80	-53.01	peak
10	5875.000	49.47	8.61	58.08	105.20	-47.12	peak
11	5925.000	48.25	8.71	56.96	68.20	-11.24	peak
12	5978.000	50.77	8.82	59.59	68.20	-8.61	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.