

RF Test Report

Applicant : Control4

Product Type : 802.11ac 4x4 Wave 2 Access Point

Trade Name : pakedge

Model Number : WA-4200, WA-4200-1, WA-4200-C, WA-4200-C-1

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

Receive Date : May 30, 2019

Test Period : Aug. 02 ~ Aug. 08, 2019

Issue Date : Oct. 01, 2019

Issue by

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

Note:

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



Revision History

Rev.	Issue Date	Revisions	Revised By
00	Oct. 01, 2019	Initial Issue	Tobey Cheng

Verification of Compliance

Issued Date: Oct. 01, 2019

Applicant : Control4
Product Type : 802.11ac 4x4 Wave 2 Access Point
Trade Name : pakedge
Model Number : WA-4200, WA-4200-1, WA-4200-C, WA-4200-C-1
FCC ID : R33WA4200
EUT Rated Voltage : DC 12 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.

No. 140-1, Changan Street, Bade District,
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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)

Reviewed By : Ken Yang

(Testing Engineer)

(Ken Yang)

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1 General Information

1.1. Summary of Test Result

Standard	Item	Result	Remark
15.407(b)(6) 15.207	AC Power Conducted Emission	PASS	---
15.407(b) 15.205 / 15.209	Transmitter Radiated Emissions	PASS	---
15.407(a)	Maximum Conducted Output Power	PASS	---
15.407(a)	26 dB RF Bandwidth & 99 % Occupied Bandwidth	Reference	---
15.407(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	2.8
Radiated Emission	9 kHz ~ 30 MHz	1.7
	30 MHz ~ 1000 MHz	5.7
	1000 MHz ~ 18000 MHz	5.6
	18000 MHz ~ 26500 MHz	4.9
	26500 MHz ~ 40000 MHz	4.8
Conducted Output Power		+0.27 dB / -0.28 dB
RF Bandwidth		4.96 %
Power Spectral Density		+0.71 dB / -0.77 dB
Frequency Stability		+ 2.212 x 10 ⁻⁷ % / - 2.170 x 10 ⁻⁷
Duty Cycle		1.06 %
Time Occupancy		1.40 %

Decision Rule

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



2 EUT Description

Applicant	Control4 11734 S. Election Road, Draper, Utah, 84020, United States				
Manufacturer	Control4 11734 S. Election Road, Draper, Utah, 84020, United States				
Product Type	802.11ac 4x4 Wave 2 Access Point				
Trade Name	pakedge				
Model Number	WA-4200, WA-4200-1, WA-4200-C, WA-4200-C-1				
Difference description of model number	Difference is due to selling region.				
FCC ID	R33WA4200				
Operate Frequency	Frequency Band			Frequency Range (MHz)	Number of Channels
	IEEE 802.11a	U-NII Band II-A		5260 – 5320	3
		U-NII Band II-C		5500 – 5700	3
	IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz	U-NII Band II-A		5260 – 5320	3
		U-NII Band II-C		5500 – 5700	3
	IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz	U-NII Band II-A		5270 – 5310	2
		U-NII Band II-C		5510 – 5670	3
	IEEE 802.11ac 80 MHz	U-NII Band II-A		5290	1
U-NII Band II-C		5530	1		
Modulation Type	OFDM				
Equipment Type	Master				
Antenna information	Antenna	Model	Type	Max. Gain (dBi)	
	ANT-0	5718A0350300	Metal PIFA Antenna	U-NII Band II-A	4.54
				U-NII Band II-C	5.65
	ANT-1	5718A0351300	Metal PIFA Antenna	U-NII Band II-A	4.61
				U-NII Band II-C	4.59
	ANT-2	5718A0352300	Metal PIFA Antenna	U-NII Band II-A	4.25
				U-NII Band II-C	5.84
	ANT-3	5718A0353300	Metal PIFA Antenna	U-NII Band II-A	4.15
U-NII Band II-C				4.98	
Antenna Delivery	Reference section 3.1				
Operate Temp. Range	0 ~ +50 °C				



Frequency Band		RF Output Power (W)
IEEE 802.11a	U-NII Band II-A	0.059
	U-NII Band II-C	0.043
IEEE 802.11n 5 GHz 20 MHz	U-NII Band II-A	0.172
	U-NII Band II-C	0.149
IEEE 802.11n 5 GHz 40 MHz	U-NII Band II-A	0.229
	U-NII Band II-C	0.235
IEEE 802.11ac 20 MHz	U-NII Band II-A	0.175
	U-NII Band II-C	0.154
IEEE 802.11ac 40 MHz	U-NII Band II-A	0.235
	U-NII Band II-C	0.243
IEEE 802.11ac 80 MHz	U-NII Band II-A	0.085
	U-NII Band II-C	0.041

Beamforming on

Frequency Band		RF Output Power (W)
IEEE 802.11ac 20 MHz	U-NII Band II-A	0.042
	U-NII Band II-C	0.037
IEEE 802.11ac 40 MHz	U-NII Band II-A	0.056
	U-NII Band II-C	0.059
IEEE 802.11ac 80 MHz	U-NII Band II-A	0.020
	U-NII Band II-C	0.010

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

3 Test Methodology

3.1. Mode of Operation

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

Test Mode
Mode 1: Transmit mode
Mode 2: IEEE 802.11a Continuous TX mode
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode
Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode
Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode
Mode 7: 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.

Note: Investigation has been done on all the possible configurations for searching the worst cases (VHT20/VHT40 covers HT20/HT40). The table is a list of the test modes show in this test report.

Test Mode	ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3
Mode 2	V	V	V	V	V
Mode 3	V	V	V	V	V
Mode 4	V	V	V	V	V
Mode 5	V	V	V	V	V
Mode 6	V	V	V	V	V
Mode 7	V	V	V	V	V

Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 2	4TX (CDD)	6	U-NII Band II-A	52, 56, 64
			U-NII Band II-C	100, 112, 140
Mode 3	4TX (STBC)	26	U-NII Band II-A	52, 56, 64
			U-NII Band II-C	100, 112, 140
Mode 4	4TX (STBC)	54	U-NII Band II-A	54, 62
			U-NII Band II-C	102, 110, 134
Mode 5	4TX (STBC/Beamforming on)	26	U-NII Band II-A	52, 56, 64
			U-NII Band II-C	100, 112, 140
Mode 6	4TX (STBC/Beamforming on)	54	U-NII Band II-A	52, 56, 64
			U-NII Band II-C	100, 112, 140
Mode 7	4TX (STBC/Beamforming on)	117.2	U-NII Band II-A	58
			U-NII Band II-C	106

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	5260.0	2.080	2.120	0.981	0.083	0.010
Mode 5	5260.0	5.040	5.070	0.994	0.026	0.010
Mode 6	5270.0	2.460	2.510	0.980	0.087	0.010
Mode 7	5290.0	1.160	1.210	0.959	0.183	0.862

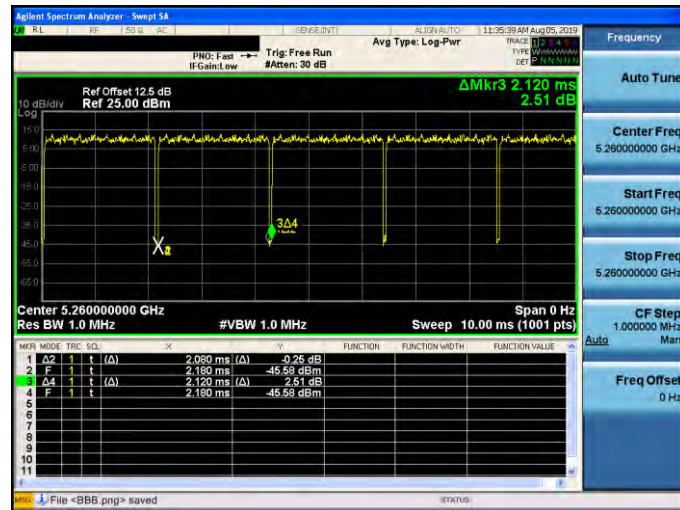
Beamforming on

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 5	5260.0	5.040	5.070	0.994	0.026	0.010
Mode 6	5270.0	2.460	2.510	0.980	0.087	0.010
Mode 7	5290.0	1.160	1.210	0.959	0.183	0.862

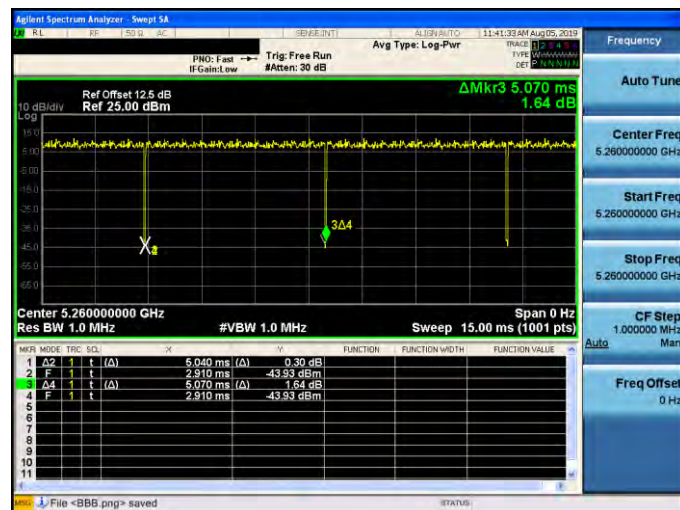


Duty Cycle Graphs

Mode 2: IEEE 802.11a Continuous TX mode

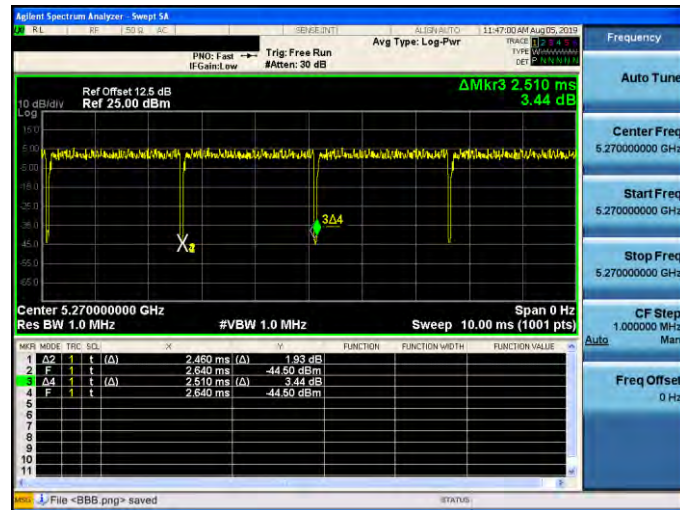


Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode

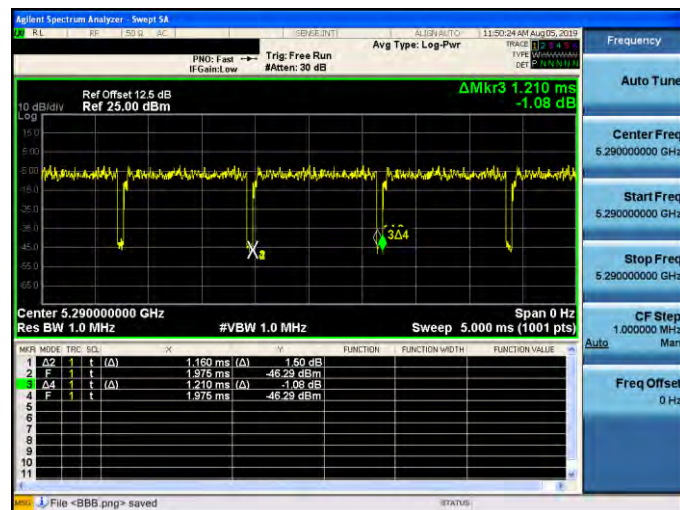




Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode



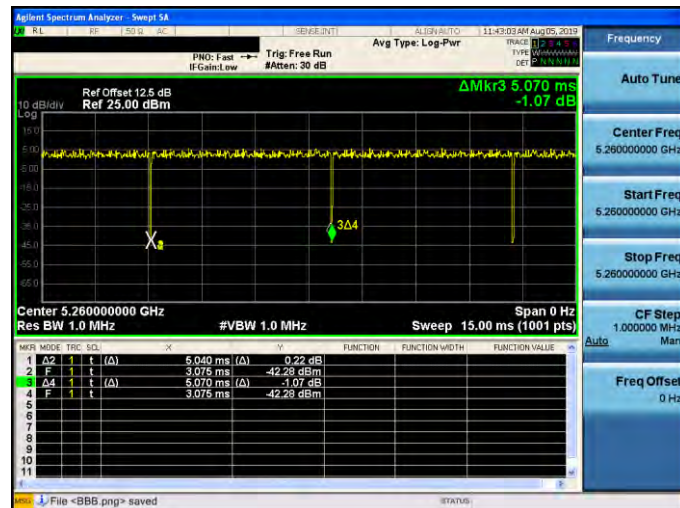
Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode



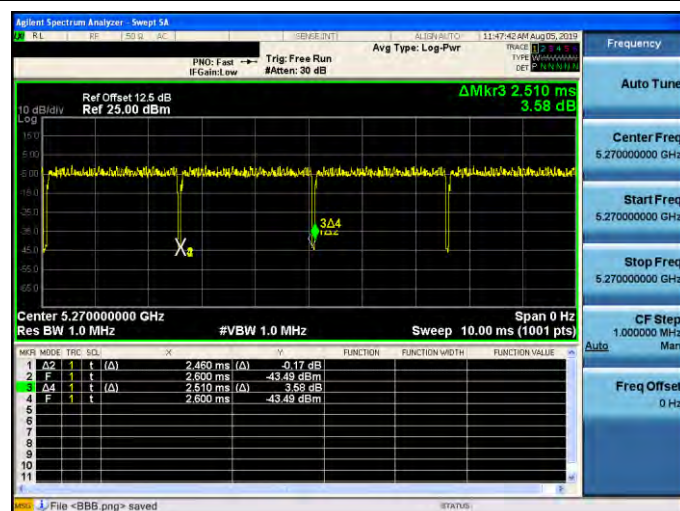


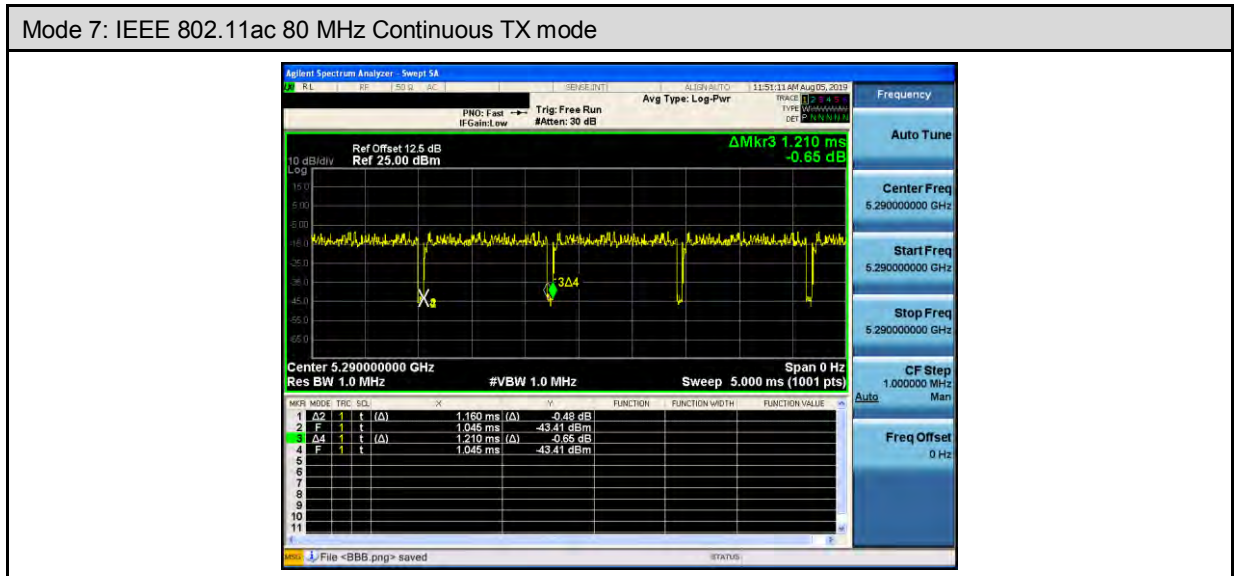
Beamforming on

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode



Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode





3.2. EUT Test Step

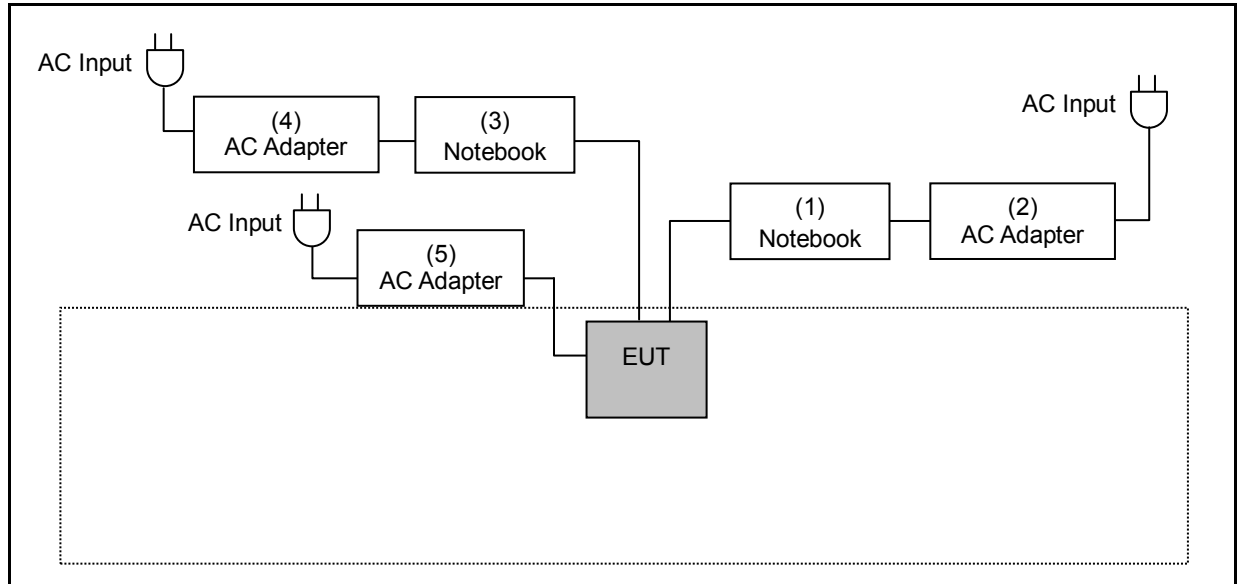
The EUT is operated in the engineering mode to fix the TX frequency for the purposes of measurement. According to its specifications, the EUT must comply with the requirements of Section 15.407 under the FCC Rules Part 15 Subpart E.

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

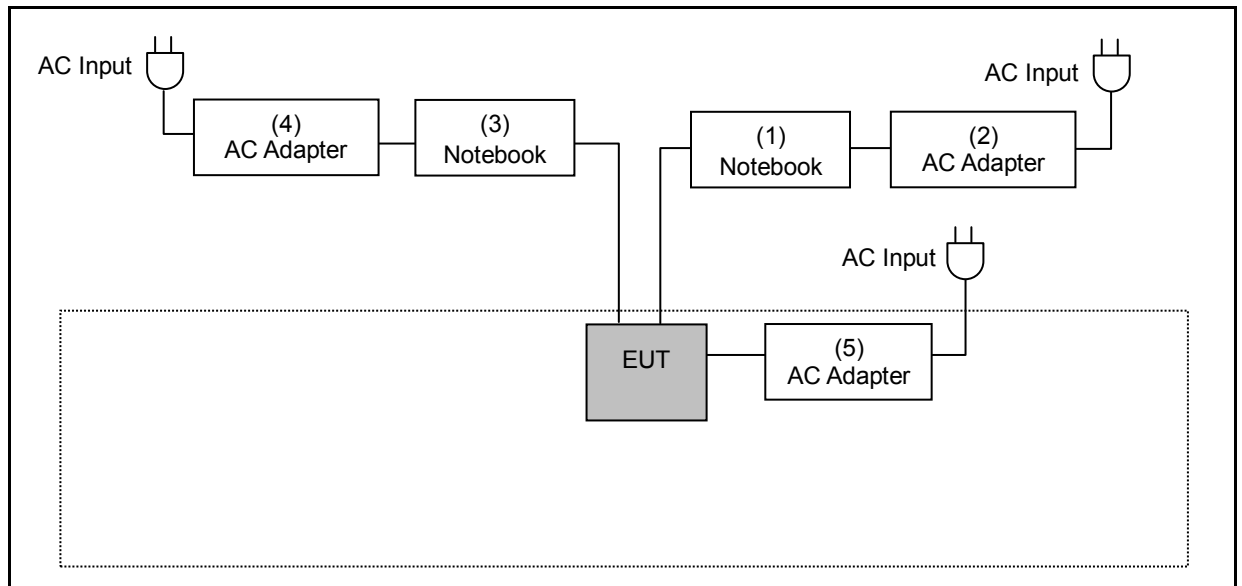
Measurement Software			
No.	Description	Software	Version
1	Conducted Emission	EZ EMC	1.1.4.3
2	Radiated Emission	EZ EMC	1.1.4.4

3.3. Configuration of Test System Details

Conducted Emissions



Radiated Emission



Devices Description					
	Product	Manufacturer	Model Number	Serial Number	Remark
(1)	Notebook	HP	PROBOOK 4421s	CNF1182X1G	---
(2)	AC Adapter	HP	Series PPP012H-S	---	Non-Shielded, 1.7 m
(3)	Notebook	DELL	LATITUDE E5440	BRTQXY1	---
(4)	AC Adapter	DELL	HA65NM130	---	Non-Shielded, 0.8 m
(5)	AC Adapter	APD	WB-24J12R	---	I/P: 100-240 VAC, 50-60 Hz, 0.7 A O/P: 12 VDC, 2 A
(6)	AC Adapter	APD	WB-24J12FU	---	I/P: 100-240 VAC, 50-60 Hz, 0.7 A O/P: 12 VDC, 2 A

Note : The device used two models of adapter, adapter number: WB-24J12R is worst case to perform testing.



3.4. Test Instruments

For Conducted Emission
Test Period: Aug. 07, 2019

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Test Receiver	R&S	ESCI	100367	05/23/2019	1 year
LISN	R&S	ENV216	101040	04/03/2019	1 year
LISN	R&S	ENV216	101041	03/28/2019	1 year
RF Cable	Woken	00100D1380194M	TE-02-03	05/23/2019	1 year

For Radiated Emissions
Test Period: Aug. 02 ~ Aug. 05, 2019

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

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



For Conducted

Test Period: Aug. 05 ~ Aug. 08, 2019

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

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

3.5. Test Site Environment

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

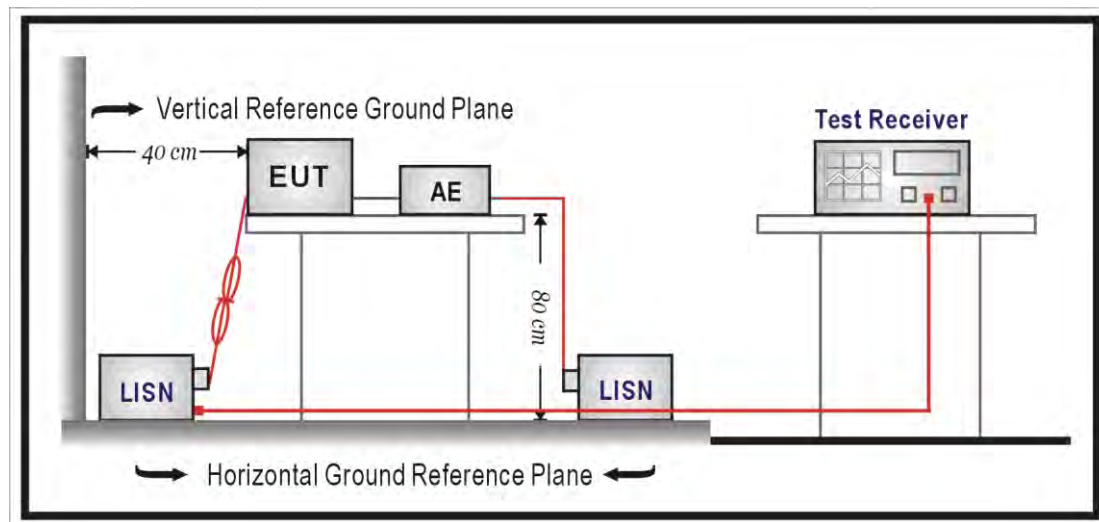
4 Measurement Procedure

4.1. AC Power Conducted Emission Measurement

■ Limit

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

■ Test Setup



■ Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a $50\ \Omega // 50\ \mu\text{H}$ 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

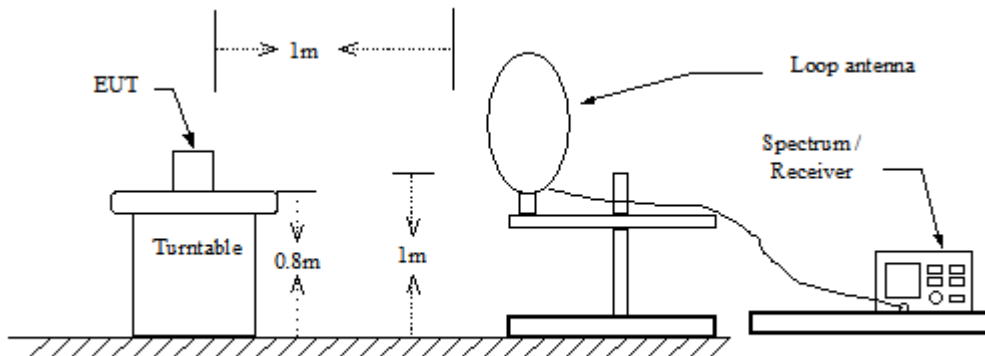
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

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

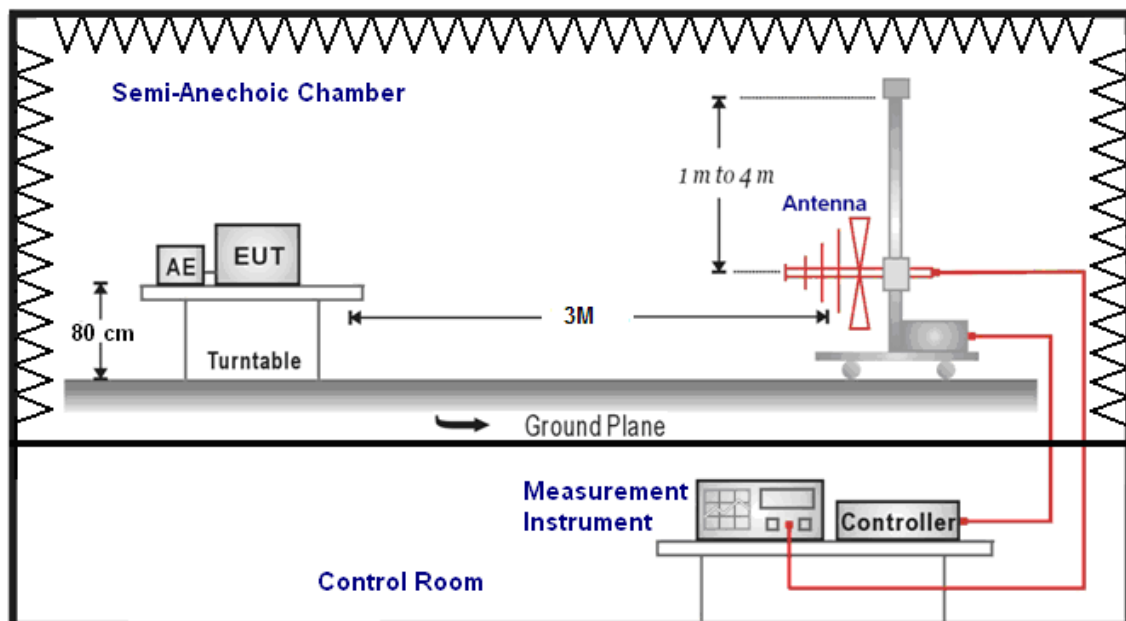
Note: 1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed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

■ Setup

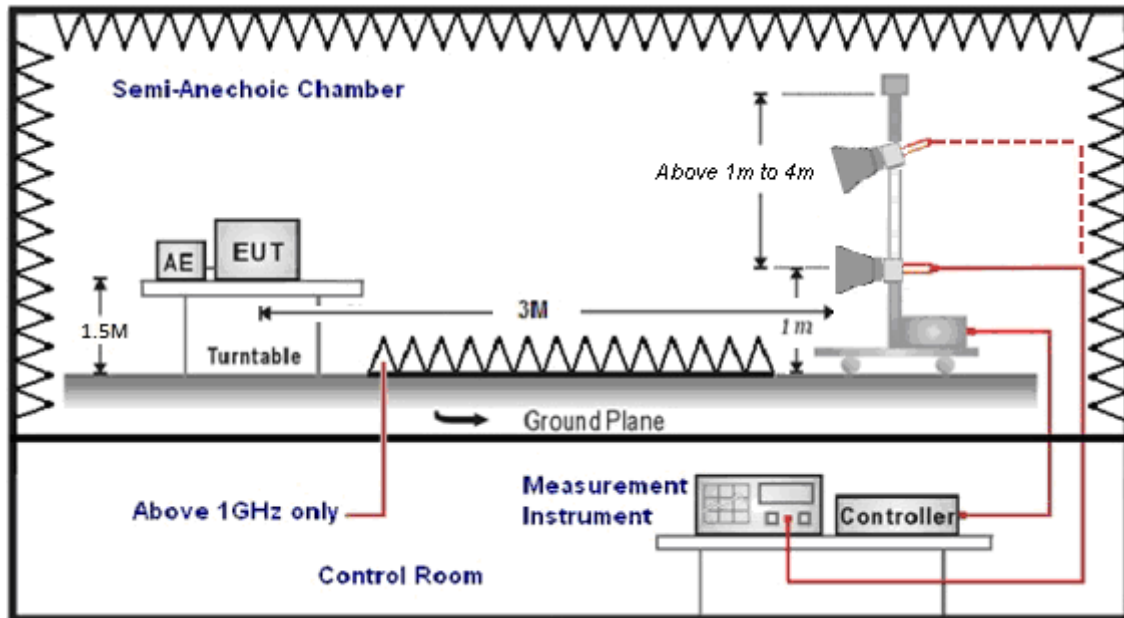
9 kHz ~ 30 MHz



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 pre 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 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.

$$(1) \text{ Amplitude (dBuV/m) = FI (dBuV) + AF (dBuV) + CL (dBuV) - Gain (dB)}$$

FI= Reading of the field intensity.

AF= Antenna factor.

CL= Cable loss.

P.S Amplitude is auto calculate in spectrum analyzer.

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

The FCC specified emission limits were calculated according the EUT operating frequency and by following linear interpolation equations:

(a) For fundamental frequency : Transmitter Output < +30 dBm

(b) For spurious frequency : Spurious emission limits = fundamental emission limit /10

Measuring Instruments and setting

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

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

4.3. Maximum Conducted Output Power and Transmit power control Measurement

■ Limit

Conducted Output Power

Frequency Range (MHz)	FCC Limit
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)

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

IEEE 802.11a

Band II-A :

- * Directional Gain = $10 \cdot \log\left\{\frac{10^{G1/10} + 10^{G2/10} + \dots + 10^{Gn/10}}{NANT}\right\} = 4.39 \text{ dBi} < 6 \text{ dBi}$
- * Power Limit = $11 + 10 \cdot \log 19.48 = 23.90 \text{ dBm}$

Band II-C :

- * Directional Gain = $10 \cdot \log\left\{\frac{10^{G1/10} + 10^{G2/10} + \dots + 10^{Gn/10}}{NANT}\right\} = 5.29 \text{ dBi} < 6 \text{ dBi}$
- * Power Limit = $11 + 10 \cdot \log 19.56 = 23.91 \text{ dBm}$

IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz / IEEE 802.11n 5 GHz 40 MHz /

IEEE 802.11ac 40 / IEEE 802.11ac 80

Band II-A :

- * Directional Gain = $10 \cdot \log\left\{\frac{10^{G1/10} + 10^{G2/10} + \dots + 10^{Gn/10}}{NANT}\right\} = 4.39 \text{ dBi} < 6 \text{ dBi};$
- * Power Limit = 24 dBm

Band II-C :

- * Directional Gain = $10 \cdot \log\left\{\frac{10^{G1/10} + 10^{G2/10} + \dots + 10^{Gn/10}}{NANT}\right\} = 5.29 \text{ dBi} < 6 \text{ dBi}$
- * Power Limit = 24 dBm

BF mode

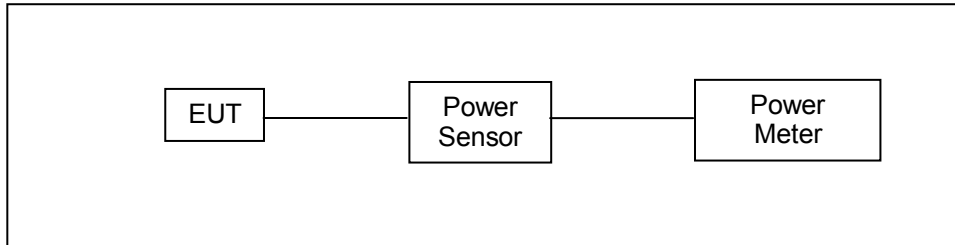
Band II-A :

- * Directional Gain = $10 \cdot \log\left\{\frac{10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20}}{NANT}\right\}^2 = 10.41 \text{ dBi} > 6 \text{ dBi}$
- * Power Limit = $24 - 4.41 = 19.59 \text{ dBm}$

Band II-C :

- * Directional Gain = $10 \cdot \log\left\{\frac{10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20}}{NANT}\right\}^2 = 11.30 \text{ dBi} > 6 \text{ dBi}$
- * Power Limit = $24 - 5.3 = 18.7 \text{ dBm}$

■ Test Setup



■ Test Procedure

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

Section (E) Maximum Conducted Output Power

3. Measurement using a Power Meter (PM)

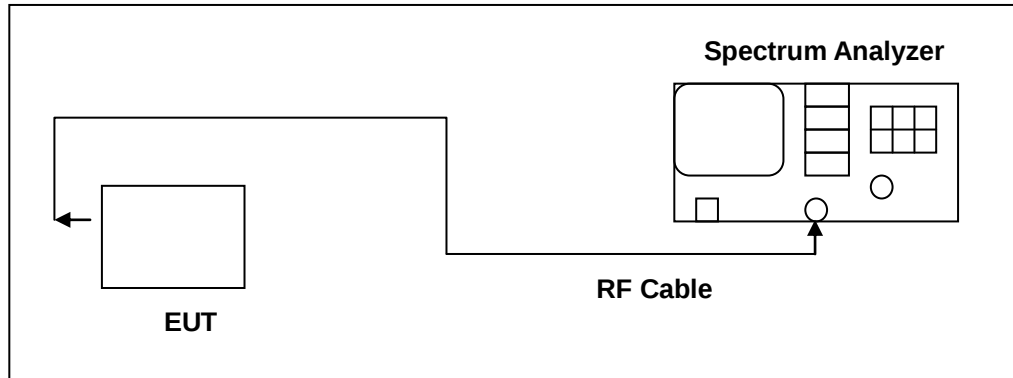
b) Method PM-G (Measurement using a gated RF average power meter)

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

■ **Limit**

N/A

■ **Test Setup**



■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.4.1, 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. Maximum Power Spectral Density Measurement

■ Limit

Conducted power spectral density

Frequency Range	FCC Limit
5.250 ~ 5.350 GHz	11 dBm/MHz
5.470 ~ 5.725 GHz	11 dBm/MHz

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

CDD / BF mode

Band II-A :

- * Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\} = 10.41 \text{ dBi} > 6 \text{ dBi}$
- * Conducted Power Spectral Density Limit = $11 - 4.41 = 6.59 \text{ dBm/MHz}$

Band II-C :

- * Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\} = 11.30 \text{ dBi} > 6 \text{ dBi}$
- * Conducted Power Spectral Density Limit = $11 - 5.3 = 5.7 \text{ dBm/MHz}$

STBC mode

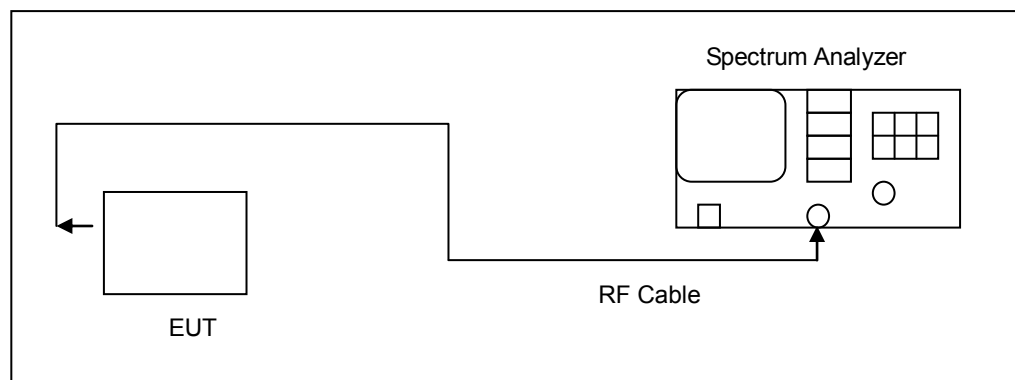
Band II-A :

- * Directional Gain = $10 \cdot \log\{[10^{(G1/10)} + 10^{(G2/10)} + \dots + 10^{(Gn/10)}] / NANT\} = 4.39 \text{ dBi} < 6 \text{ dBi}$
- * Conducted Power Spectral Density Limit = 11 dBm/MHz

Band II-C :

- * Directional Gain = $10 \cdot \log\{[10^{(G1/10)} + 10^{(G2/10)} + \dots + 10^{(Gn/10)}] / NANT\} = 5.29 \text{ dBi} < 6 \text{ dBi}$
- * Conducted Power Spectral Density Limit = 11 dBm/MHz

■ 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.	

4.6. 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.

4.7. Antenna Requirement

■ Requirement

For intentional device, according to 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

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.



■ Directional Gain Calculated

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band II-A	4.39
	U-NII Band II-C	5.29
IEEE 802.11n 5 GHz 20 MHz	U-NII Band II-A	4.39
	U-NII Band II-C	5.29
IEEE 802.11n 5 GHz 40 MHz	U-NII Band II-A	4.39
	U-NII Band II-C	5.29
IEEE 802.11ac 20 MHz	U-NII Band II-A	4.39
	U-NII Band II-C	5.29
IEEE 802.11ac 40 MHz	U-NII Band II-A	4.39
	U-NII Band II-C	5.29
IEEE 802.11ac 80 MHz	U-NII Band II-A	4.39
	U-NII Band II-C	5.29

For Peak Power Spectral Density

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band II-A	10.41
	U-NII Band II-C	11.30
IEEE 802.11ac 20 MHz	U-NII Band II-A	4.39
	U-NII Band II-C	5.29
IEEE 802.11ac 40 MHz	U-NII Band II-A	4.39
	U-NII Band II-C	5.29
IEEE 802.11ac 80 MHz	U-NII Band II-A	4.39
	U-NII Band II-C	5.29



Beamforming on

For Maximum Conducted Output Power

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ac 20 MHz	U-NII Band II-A	10.41
	U-NII Band II-C	11.30
IEEE 802.11ac 40 MHz	U-NII Band II-A	10.41
	U-NII Band II-C	11.30
IEEE 802.11ac 80 MHz	U-NII Band II-A	10.41
	U-NII Band II-C	11.30

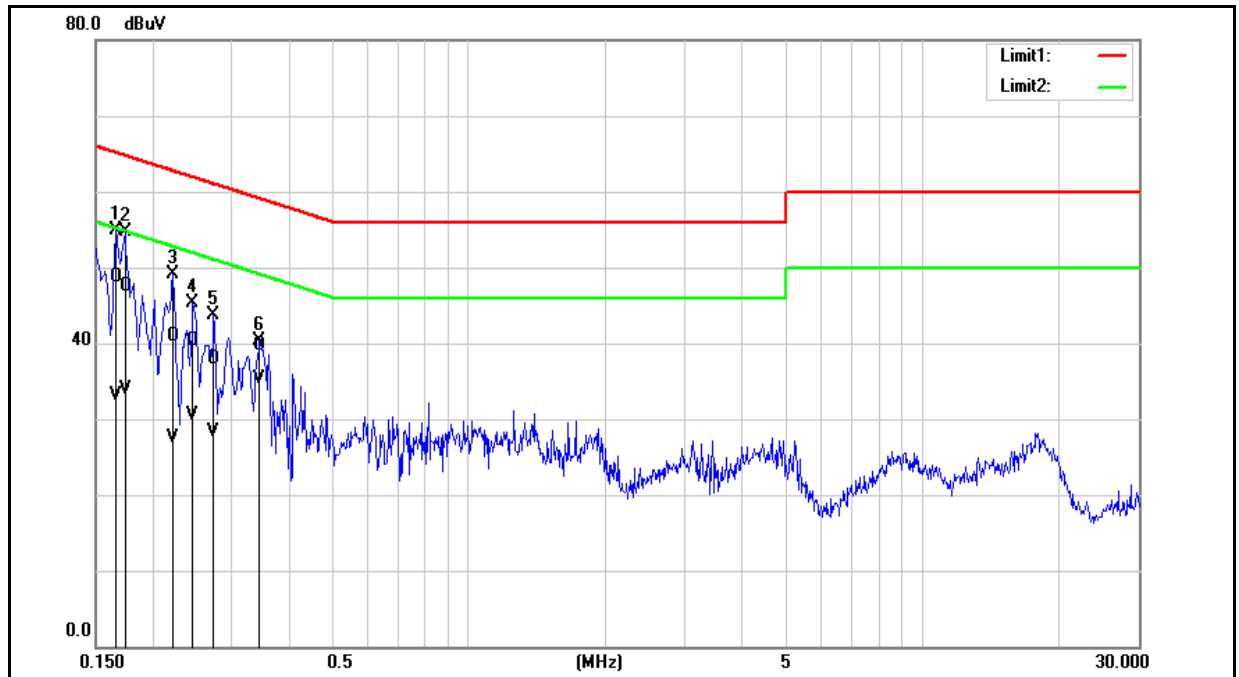
For Peak Power Spectral Density

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ac 20 MHz	U-NII Band II-A	10.41
	U-NII Band II-C	11.30
IEEE 802.11ac 40 MHz	U-NII Band II-A	10.41
	U-NII Band II-C	11.30
IEEE 802.11ac 80 MHz	U-NII Band II-A	10.41
	U-NII Band II-C	11.30

5 Test Results

Annex A. Conducted Emission

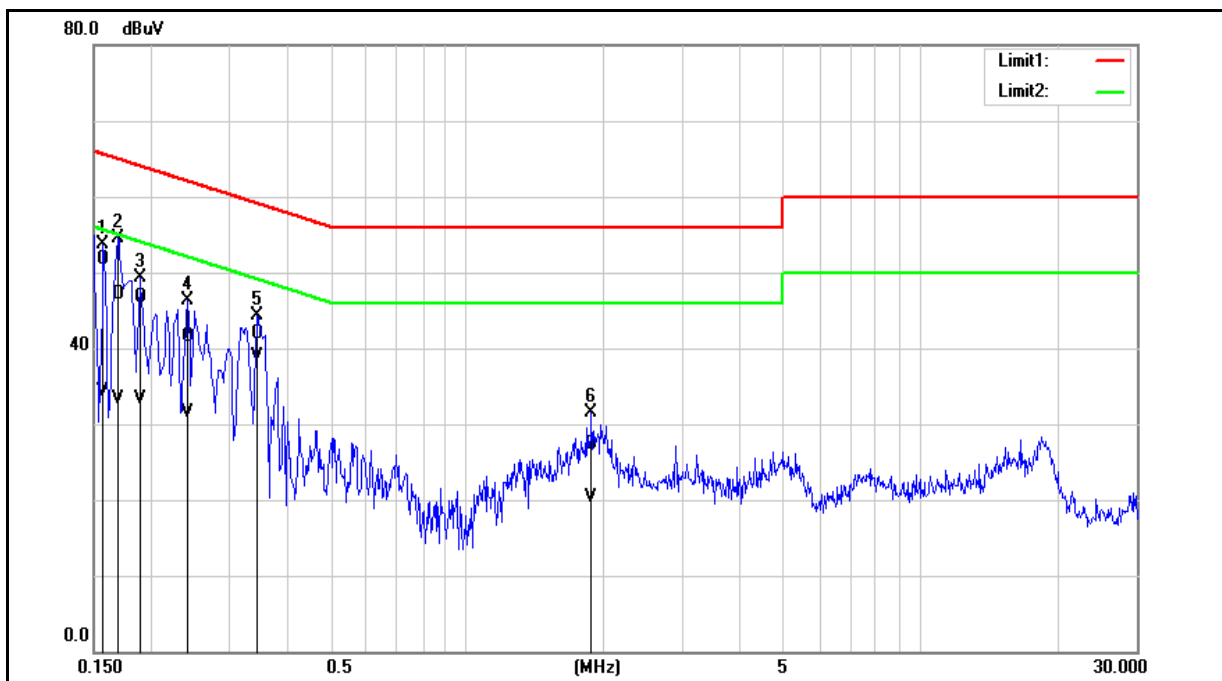
Standard:	FCC Part 15.407	Line:	L1
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Test Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Description:			



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	39.06	23.54	9.65	48.71	33.19	65.16	55.16	-16.45	-21.97	Pass
2	0.1740	37.85	24.19	9.65	47.50	33.84	64.77	54.77	-17.27	-20.93	Pass
3	0.2220	31.29	17.94	9.64	40.93	27.58	62.74	52.74	-21.81	-25.16	Pass
4	0.2460	30.73	20.96	9.64	40.37	30.60	61.89	51.89	-21.52	-21.29	Pass
5	0.2740	28.32	18.70	9.64	37.96	28.34	61.00	51.00	-23.04	-22.66	Pass
6	0.3460	30.01	25.58	9.65	39.66	35.23	59.06	49.06	-19.40	-13.83	Pass

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).
2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

Standard:	FCC Part 15.407	Line:	N
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Test Mode:	Mode 1	Temp.(°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	0.1580	42.03	24.68	9.68	51.71	34.36	65.57	55.57	-13.86	-21.21	Pass
2	0.1700	37.43	23.57	9.68	47.11	33.25	64.96	54.96	-17.85	-21.71	Pass
3	0.1900	37.04	23.56	9.67	46.71	33.23	64.04	54.04	-17.33	-20.81	Pass
4	0.2420	31.80	21.85	9.67	41.47	31.52	62.03	52.03	-20.56	-20.51	Pass
5	0.3460	32.28	29.15	9.68	41.96	38.83	59.06	49.06	-17.10	-10.23	Pass
6	1.8820	17.63	10.65	9.75	27.38	20.40	56.00	46.00	-28.62	-25.60	Pass

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

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

Annex B. Radiated Emission Measurement

Harmonic

Below 1 GHz

Standard:		FCC Part 15.407		Test Distance:		3 m	
Test item:		Harmonic		Power:		AC 120 V/60 Hz	
Test 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
93.0500	35.60	-11.94	23.66	43.50	-19.84	peak	H
128.9400	39.66	-7.58	32.08	43.50	-11.42	peak	H
224.9700	49.54	-7.39	42.15	46.00	-3.85	peak	H
312.2700	47.57	-3.83	43.74	46.00	-2.26	peak	H
624.6100	38.03	2.50	40.53	46.00	-5.47	peak	H
719.6700	32.18	4.05	36.23	46.00	-9.77	peak	H
106.6300	45.08	-9.97	35.11	43.50	-8.39	QP	V
128.9400	42.88	-7.58	35.30	43.50	-8.20	QP	V
313.2400	41.78	-3.83	37.95	46.00	-8.05	QP	V
521.7900	40.83	0.05	40.88	46.00	-5.12	QP	V
624.6100	40.41	2.50	42.91	46.00	-3.09	QP	V
874.8700	38.09	6.94	45.03	46.00	-0.97	QP	V

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

Example: 23.66 = -11.94 + 35.60

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

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



Beamforming on

Standard:		FCC Part 15.407		Test Distance:		3 m	
Test item:		Harmonic		Power:		AC 120 V/60 Hz	
Test 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
128.9400	39.64	-7.58	32.06	43.50	-11.44	QP	H
221.0900	49.28	-7.49	41.79	46.00	-4.21	QP	H
312.2700	47.53	-3.83	43.70	46.00	-2.30	QP	H
624.6100	37.57	2.50	40.07	46.00	-5.93	QP	H
716.7600	34.36	3.97	38.33	46.00	-7.67	QP	H
874.8700	32.45	6.94	39.39	46.00	-6.61	QP	H
57.1600	36.48	-6.85	29.63	40.00	-10.37	QP	V
128.9400	42.51	-7.58	34.93	43.50	-8.57	QP	V
176.4700	41.30	-6.65	34.65	43.50	-8.85	QP	V
311.3000	41.89	-3.84	38.05	46.00	-7.95	QP	V
624.6100	40.07	2.50	42.57	46.00	-3.43	QP	V
874.8700	37.92	6.94	44.86	46.00	-1.14	QP	V

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

Example: 32.06 = -7.58 + 39.64

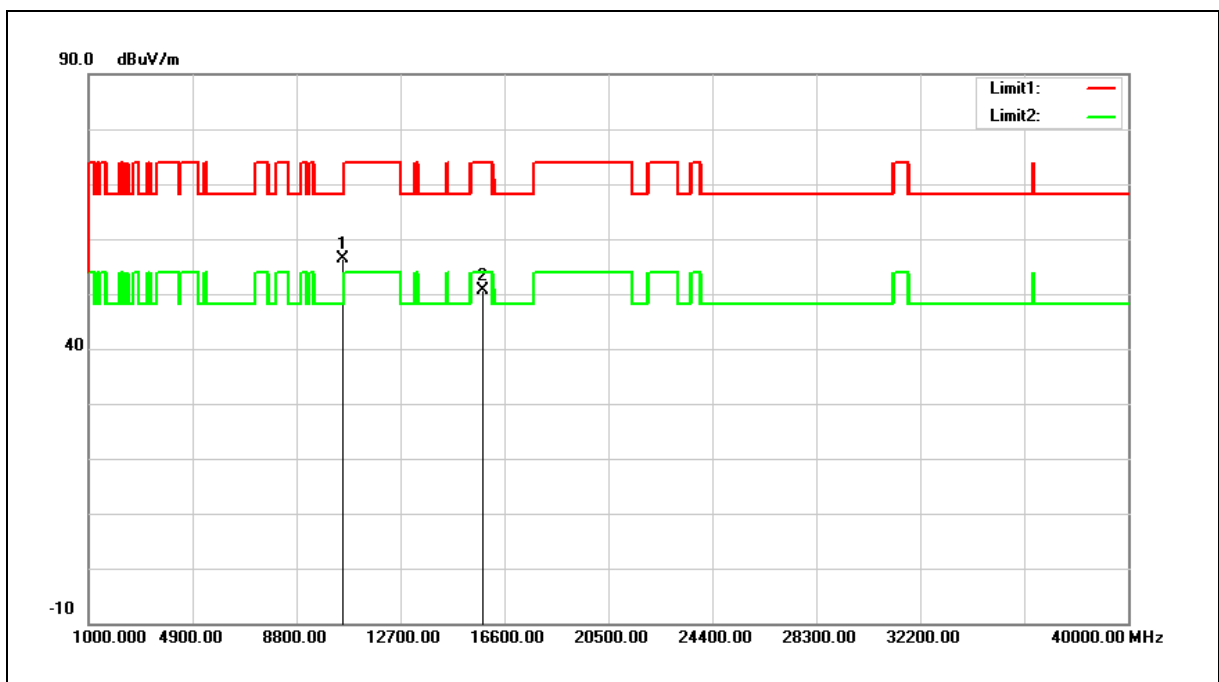
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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



Above 1 GHz

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	38.95	17.47	56.42	68.20	-11.78	peak
2	15780.000	32.06	18.54	50.60	74.00	-23.40	peak

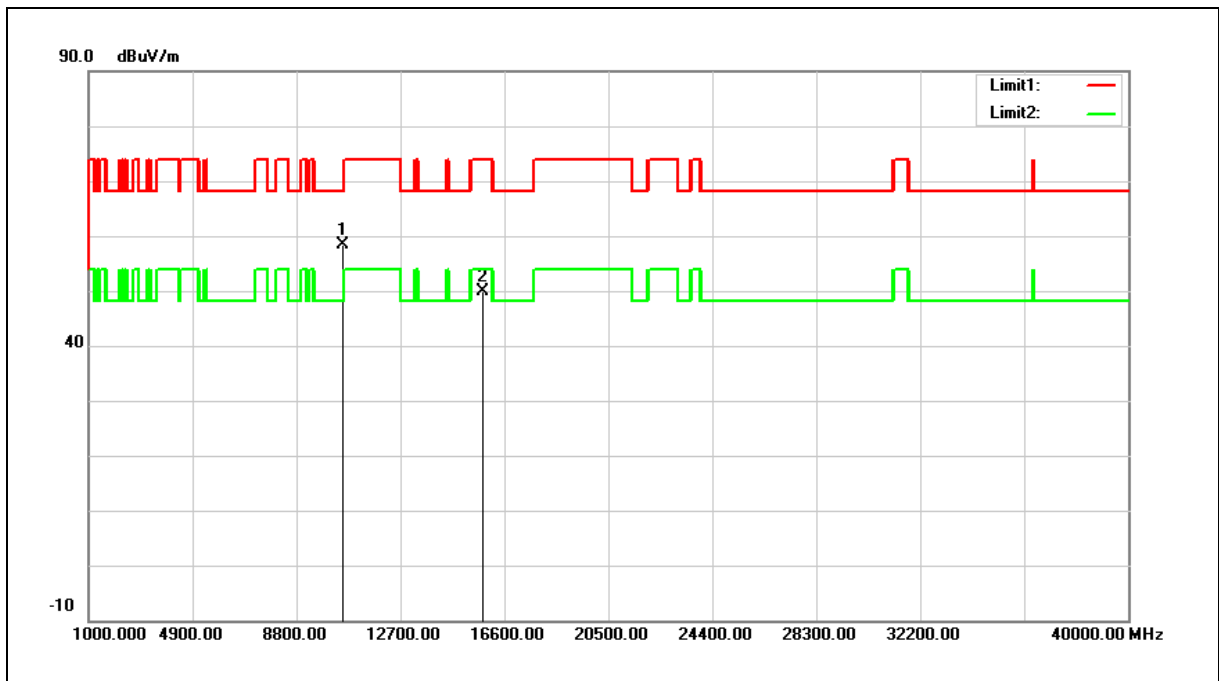
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 56.42 = 17.47 + 38.95

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

3. When the peak 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	40.87	17.47	58.34	68.20	-9.86	peak
2	15780.000	31.24	18.54	49.78	74.00	-24.22	peak

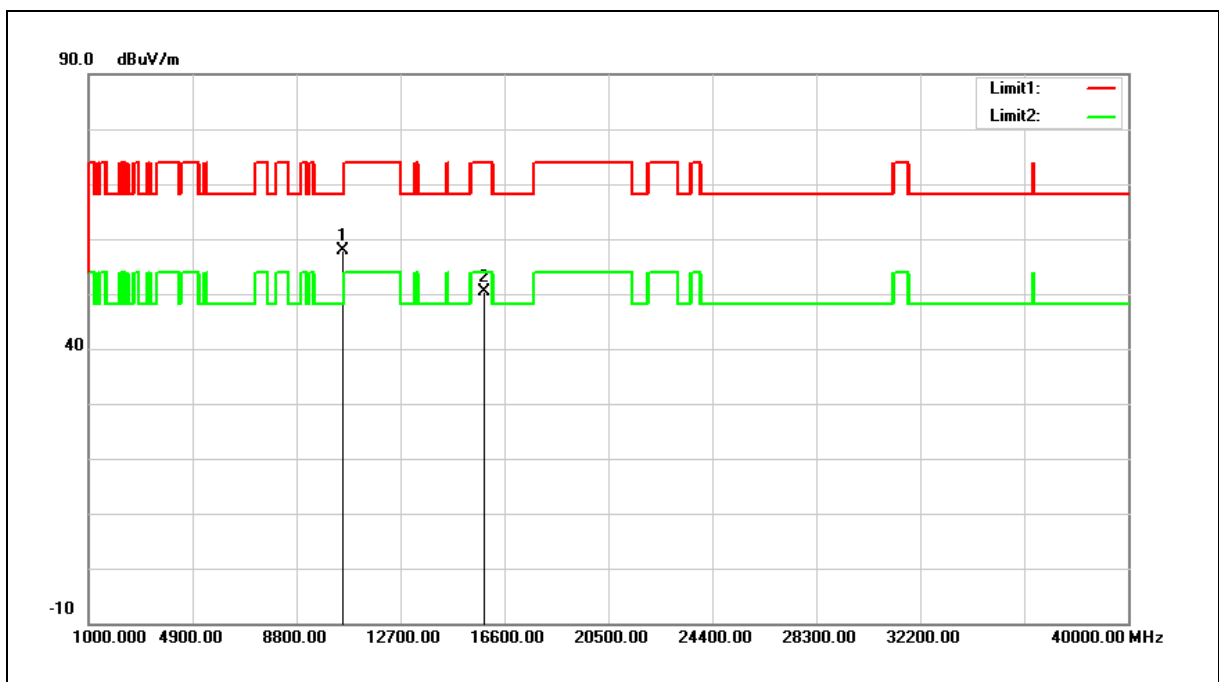
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $58.34 = 17.47 + 40.87$

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

3. When the peak 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		



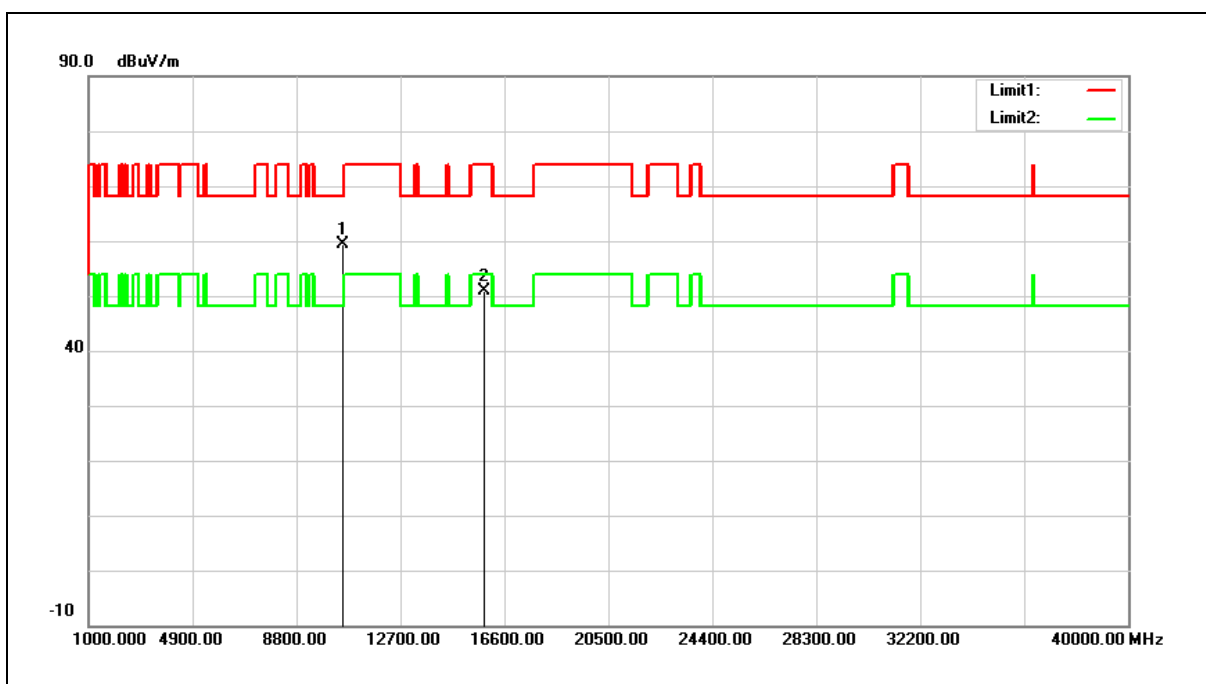
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	40.37	17.55	57.92	68.20	-10.28	peak
2	15840.000	31.95	18.38	50.33	74.00	-23.67	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



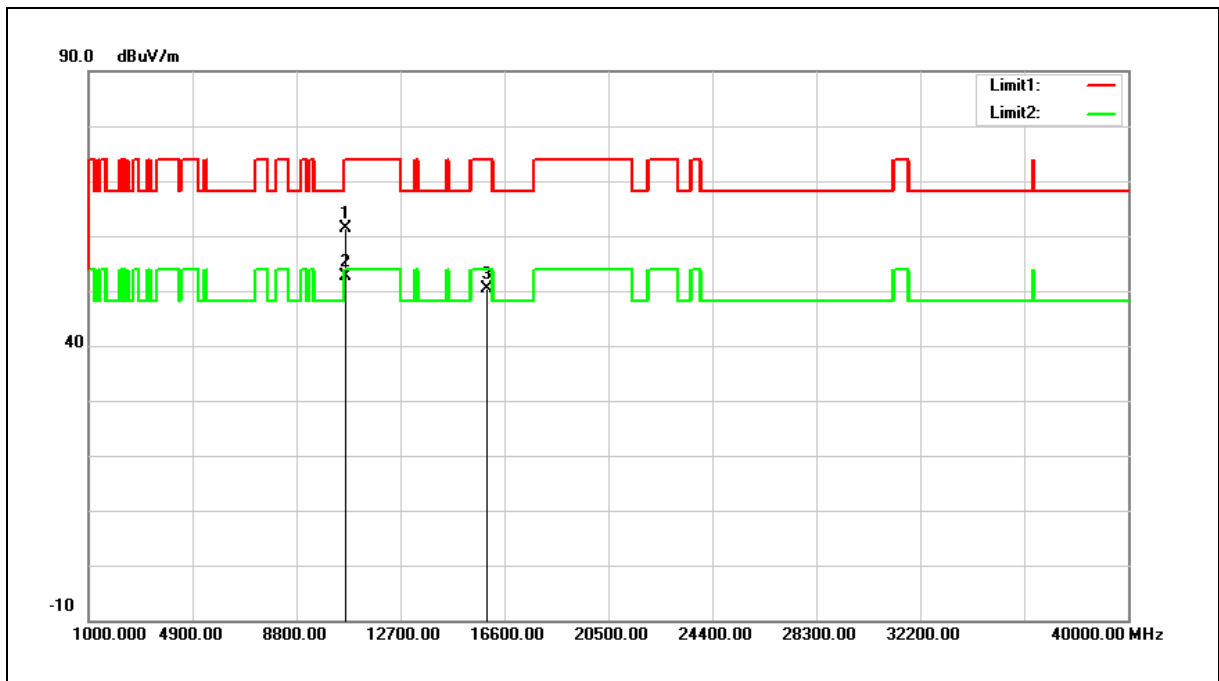
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	41.86	17.55	59.41	68.20	-8.79	peak
2	15840.000	32.61	18.38	50.99	74.00	-23.01	peak

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



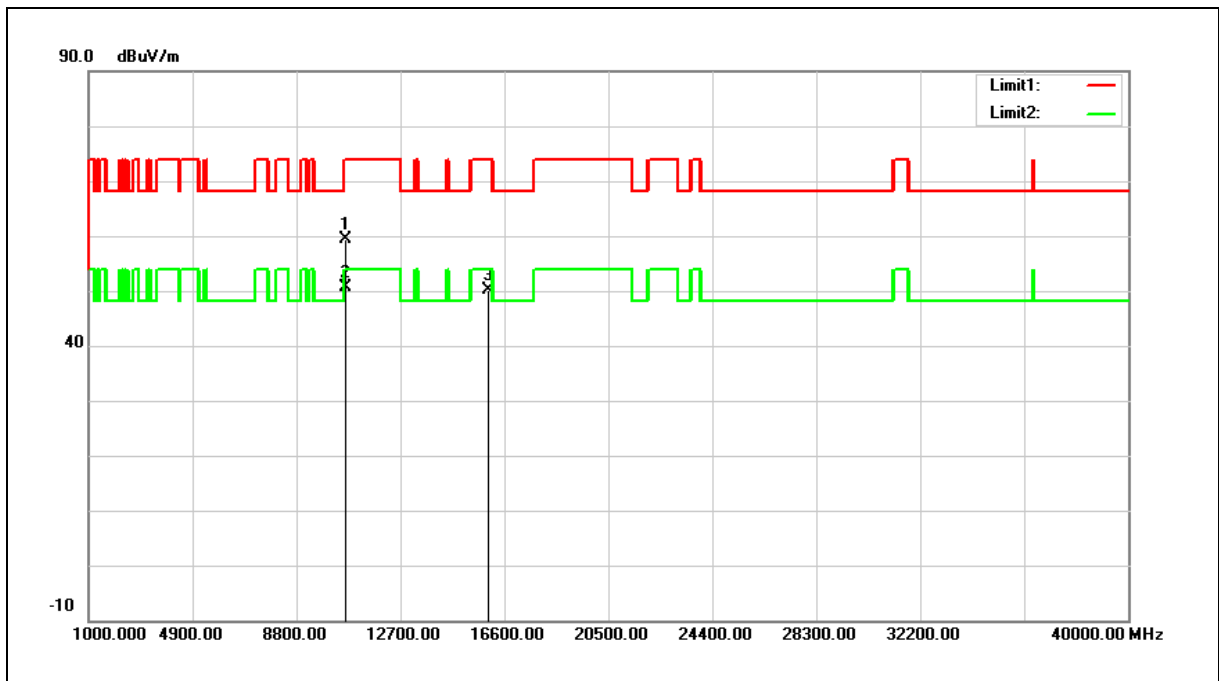
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	43.60	17.74	61.34	74.00	-12.66	peak
2	10640.000	34.80	17.74	52.54	54.00	-1.46	AVG
3	15960.000	32.31	18.07	50.38	74.00	-23.62	peak

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



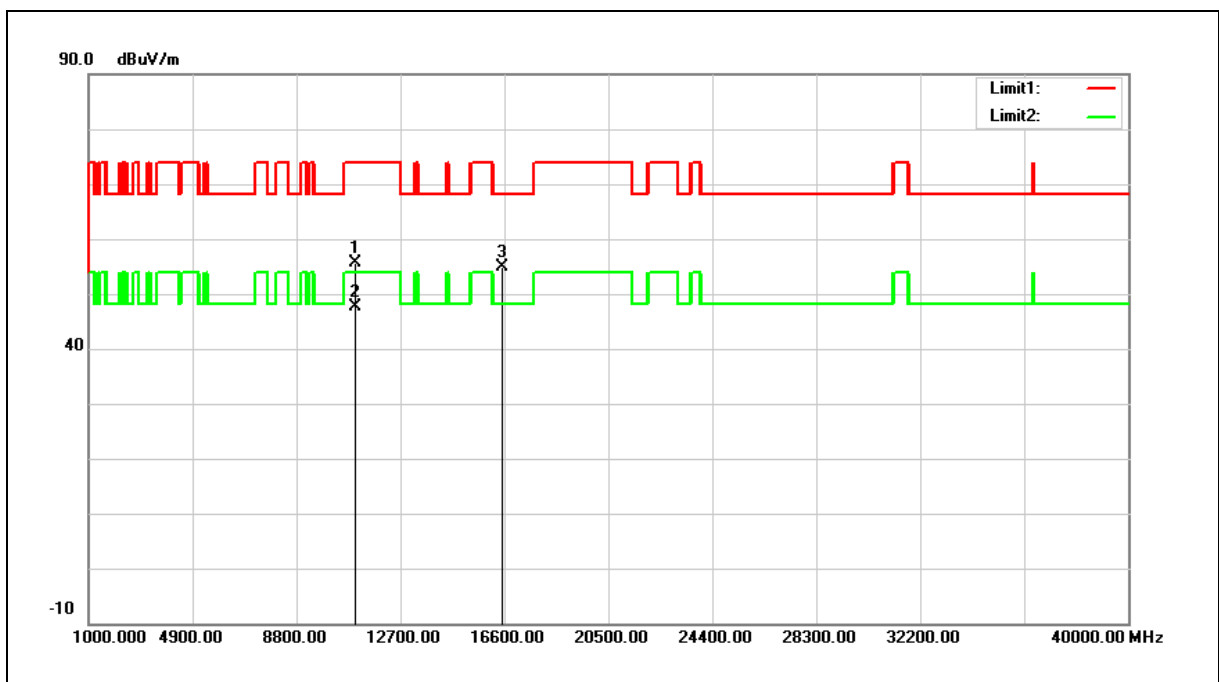
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	41.52	17.74	59.26	74.00	-14.74	peak
2	10640.000	32.79	17.74	50.53	54.00	-3.47	AVG
3	15960.000	31.99	18.07	50.06	74.00	-23.94	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



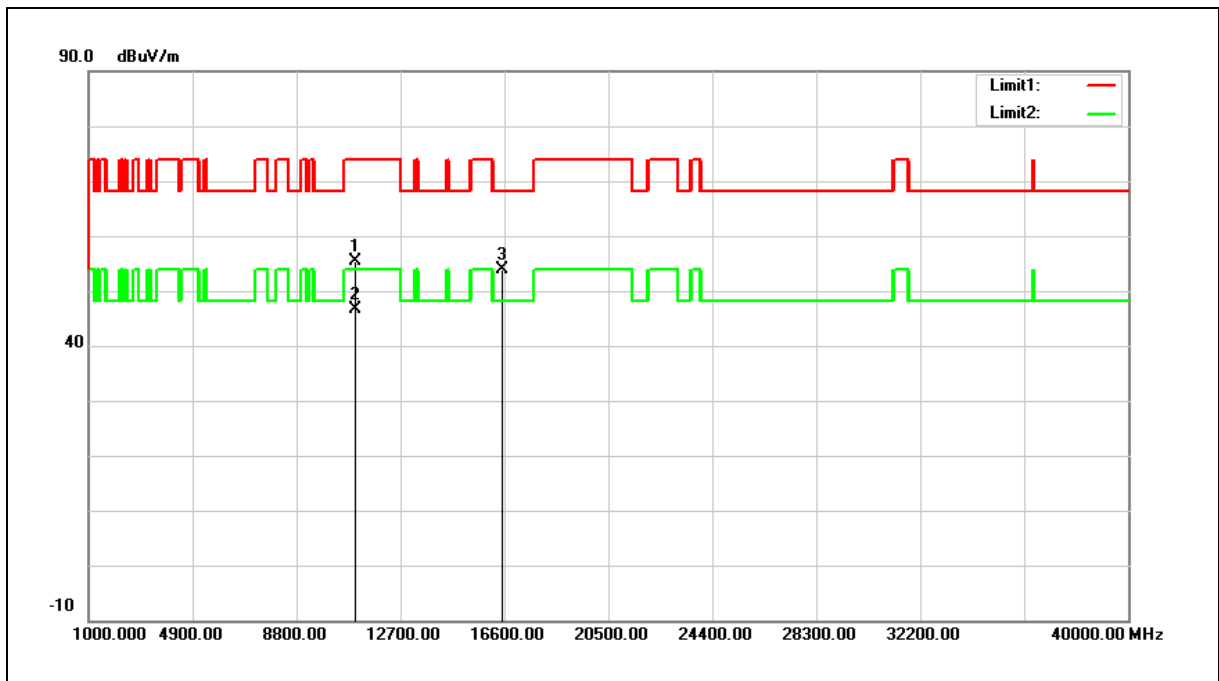
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	37.08	18.55	55.63	74.00	-18.37	peak
2	11000.000	29.20	18.55	47.75	54.00	-6.25	AVG
3	16500.000	34.06	20.78	54.84	68.20	-13.36	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



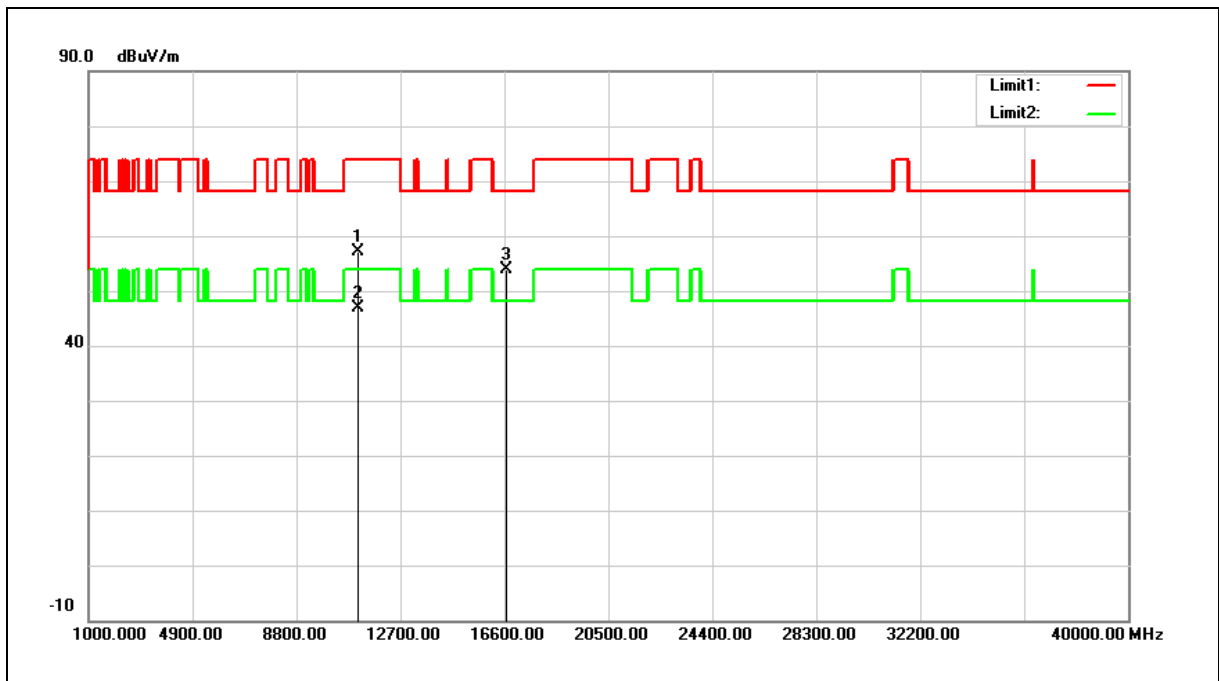
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	36.71	18.55	55.26	74.00	-18.74	peak
2	11000.000	28.02	18.55	46.57	54.00	-7.43	AVG
3	16500.000	33.03	20.78	53.81	68.20	-14.39	peak

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:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



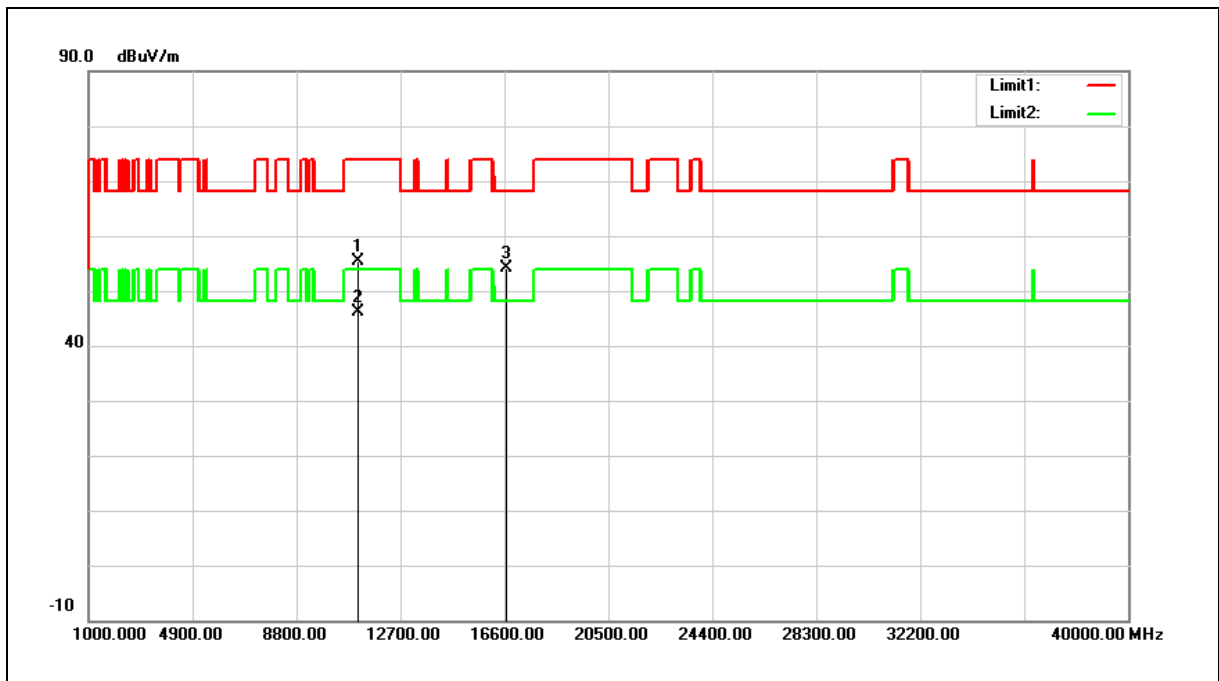
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	38.65	18.55	57.20	74.00	-16.80	peak
2	11120.000	28.28	18.55	46.83	54.00	-7.17	AVG
3	16680.000	32.12	21.72	53.84	68.20	-14.36	peak

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



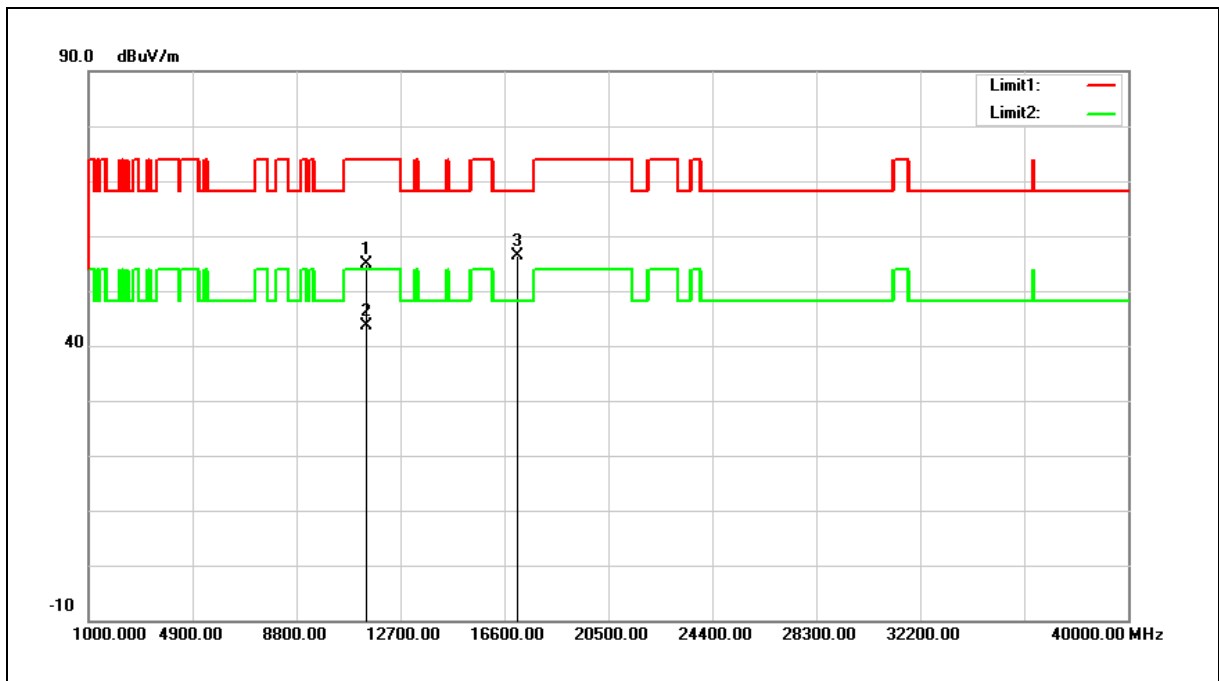
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	36.71	18.55	55.26	74.00	-18.74	peak
2	11120.000	27.70	18.55	46.25	54.00	-7.75	AVG
3	16680.000	32.32	21.72	54.04	68.20	-14.16	peak

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		



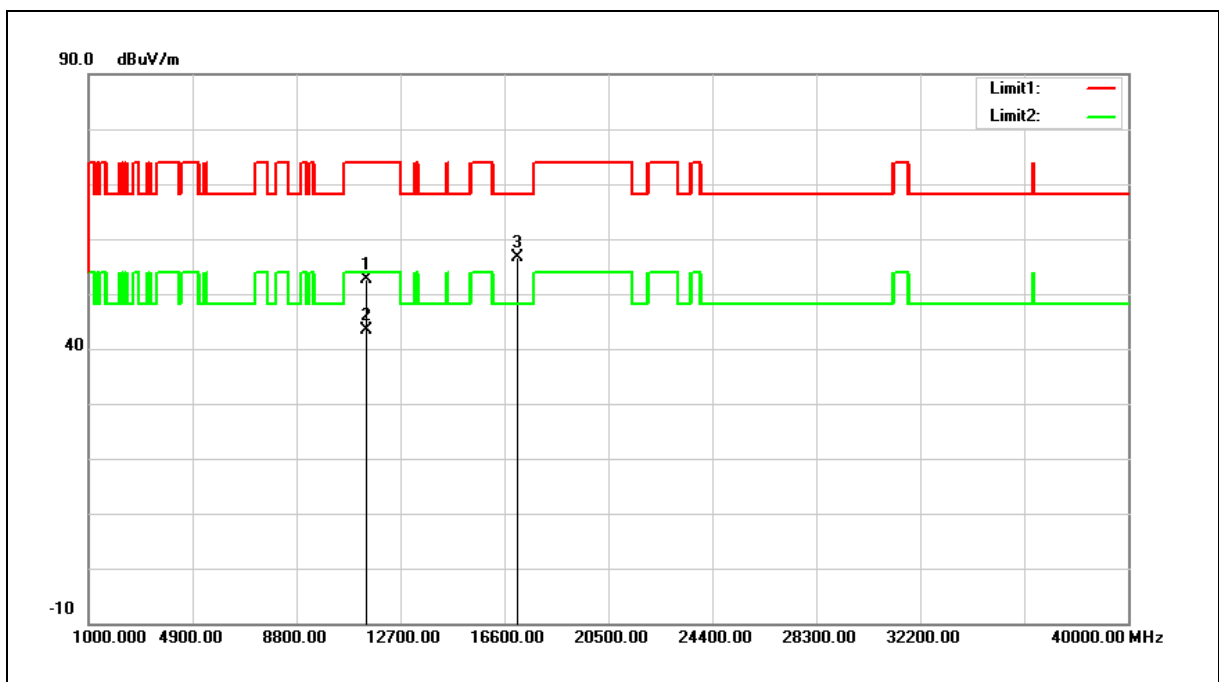
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	36.29	18.51	54.80	74.00	-19.20	peak
2	11400.000	25.10	18.51	43.61	54.00	-10.39	AVG
3	17100.000	32.72	23.78	56.50	68.20	-11.70	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	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	34.17	18.51	52.68	74.00	-21.32	peak
2	11400.000	24.94	18.51	43.45	54.00	-10.55	AVG
3	17100.000	32.89	23.78	56.67	68.20	-11.53	peak

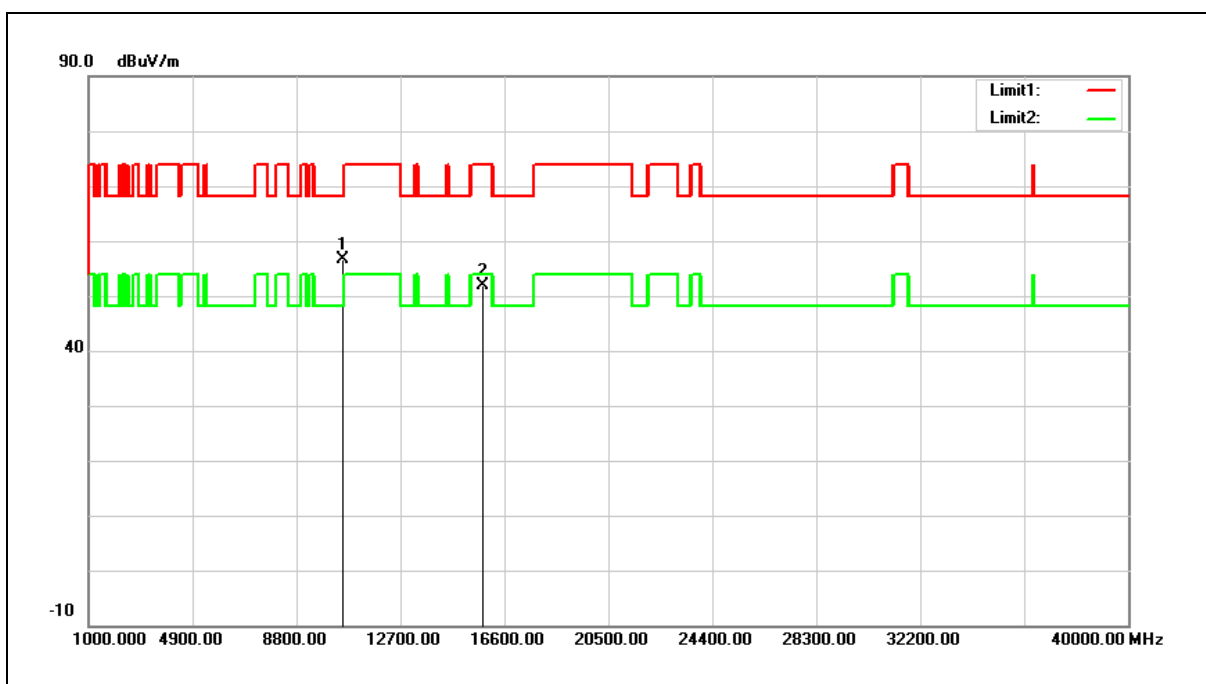
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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 5		
Ant.Polar.:	Horizontal		



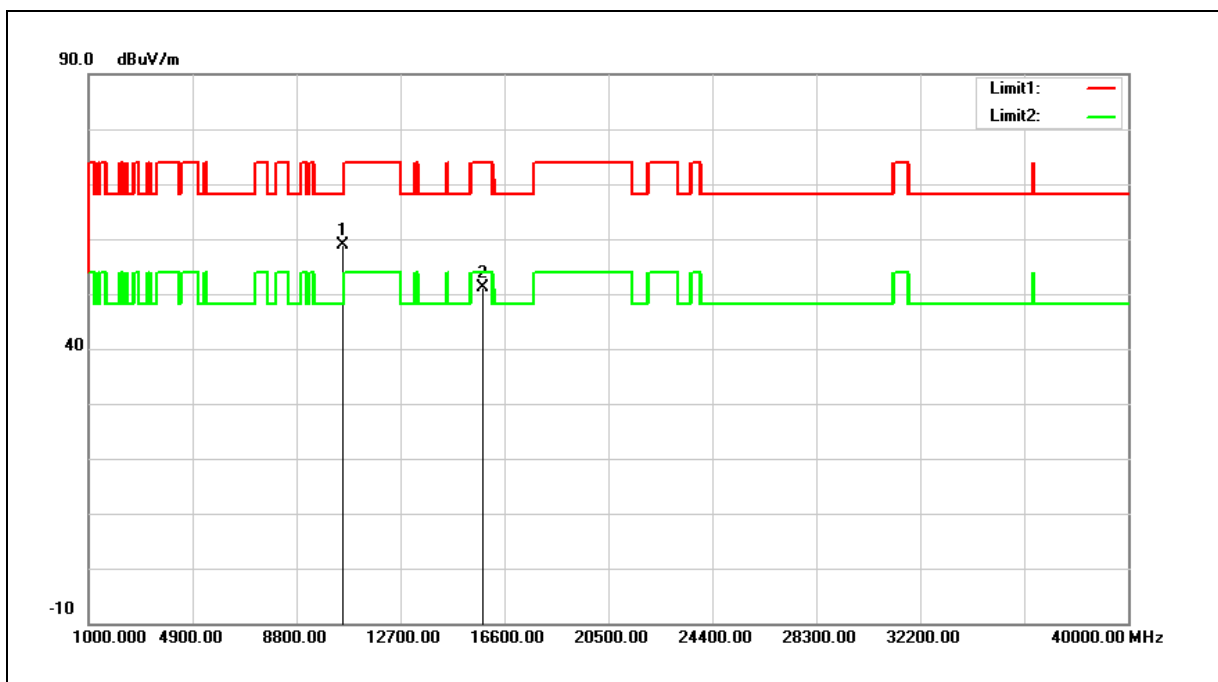
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	39.18	17.47	56.65	68.20	-11.55	peak
2	15780.000	33.27	18.54	51.81	74.00	-22.19	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5260 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



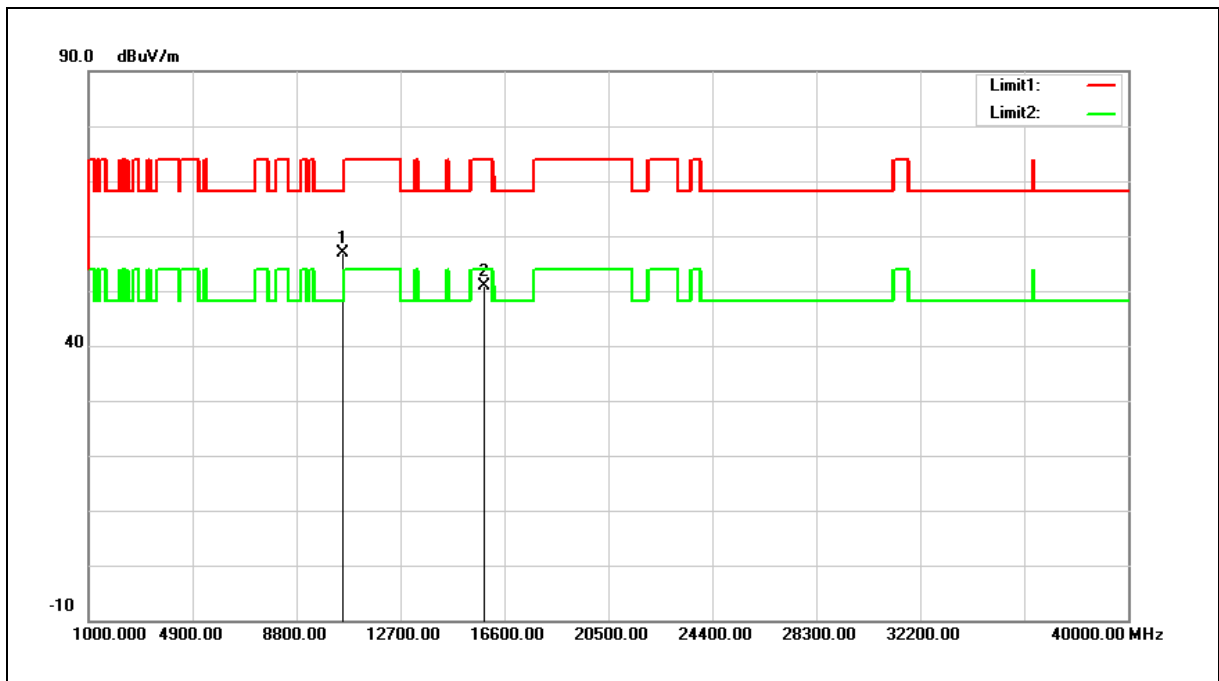
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	41.36	17.47	58.83	68.20	-9.37	peak
2	15780.000	32.62	18.54	51.16	74.00	-22.84	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



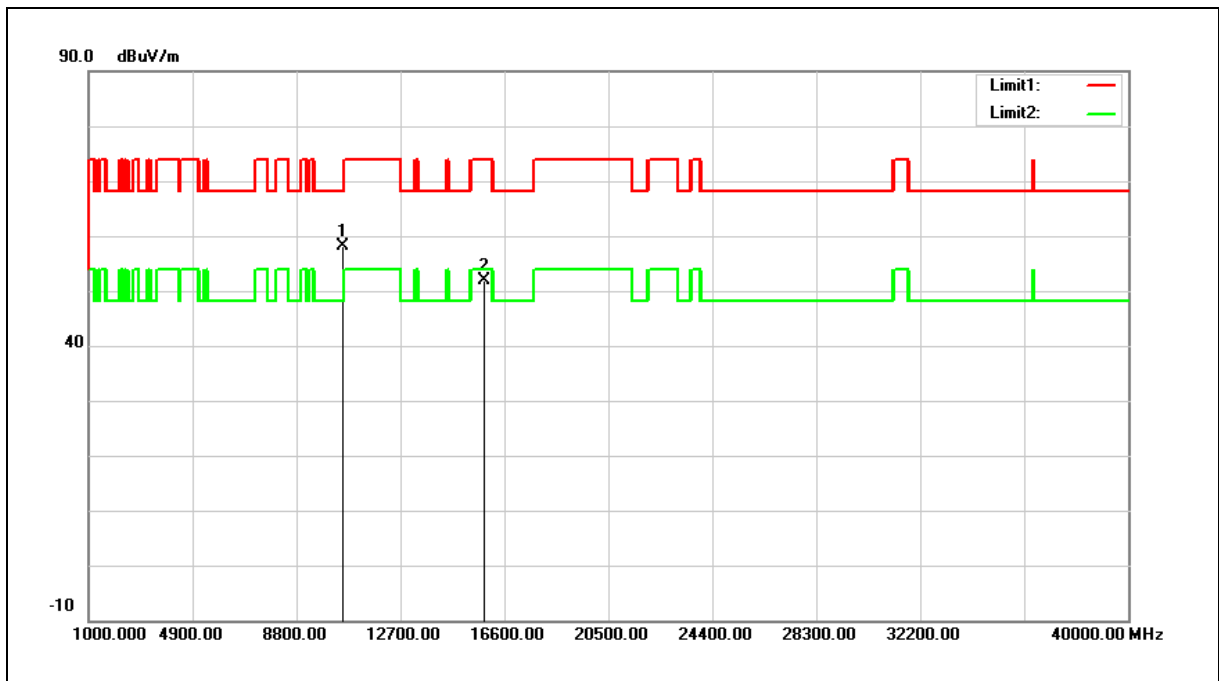
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	39.21	17.55	56.76	68.20	-11.44	peak
2	15840.000	32.55	18.38	50.93	74.00	-23.07	peak

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:	5280 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



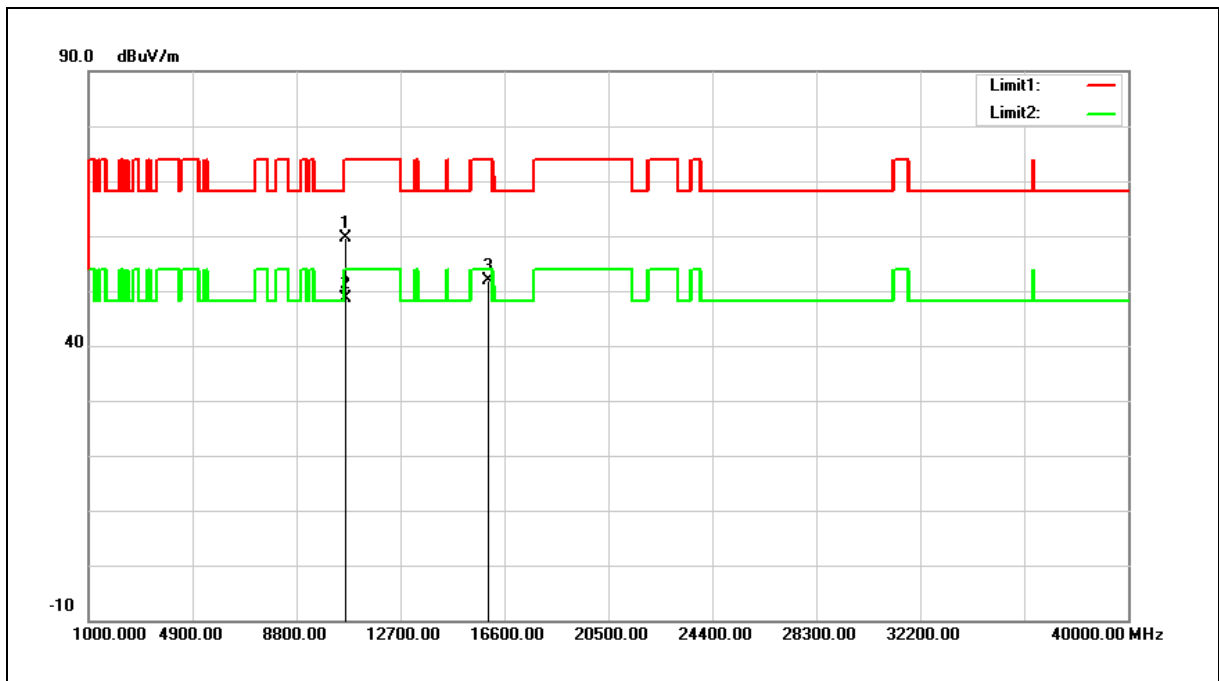
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	40.66	17.55	58.21	68.20	-9.99	peak
2	15840.000	33.49	18.38	51.87	74.00	-22.13	peak

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:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



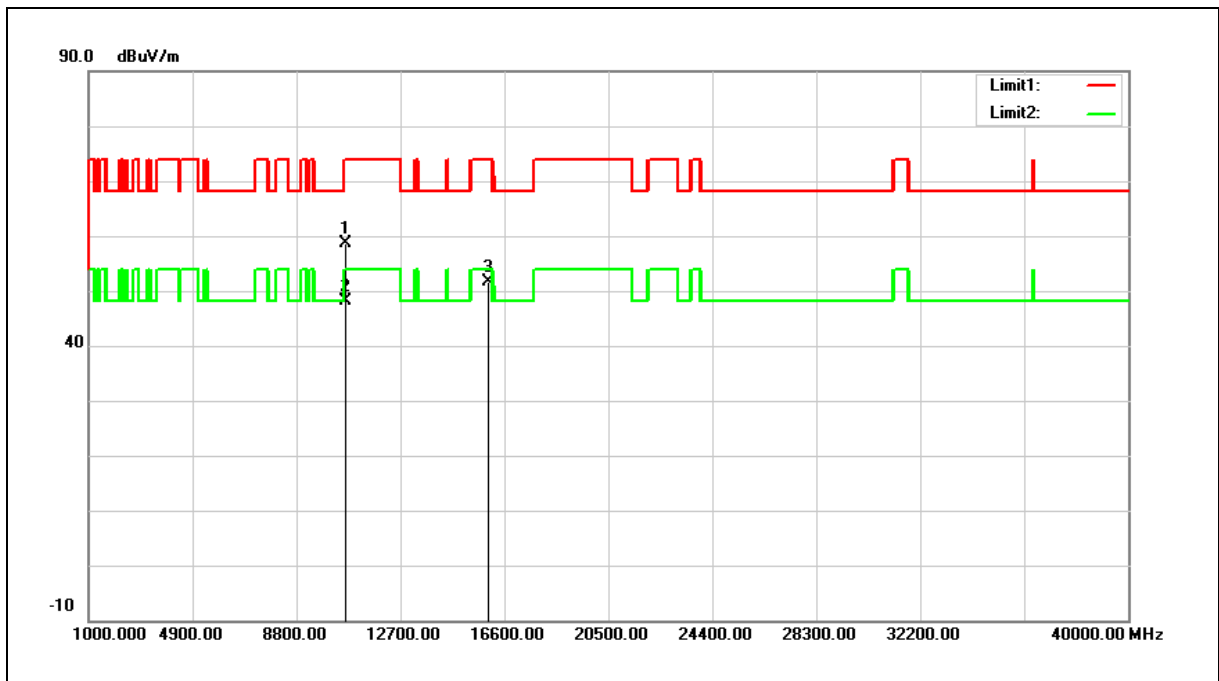
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	41.82	17.74	59.56	74.00	-14.44	peak
2	10640.000	30.87	17.74	48.61	54.00	-5.39	AVG
3	15960.000	33.71	18.07	51.78	74.00	-22.22	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5320 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



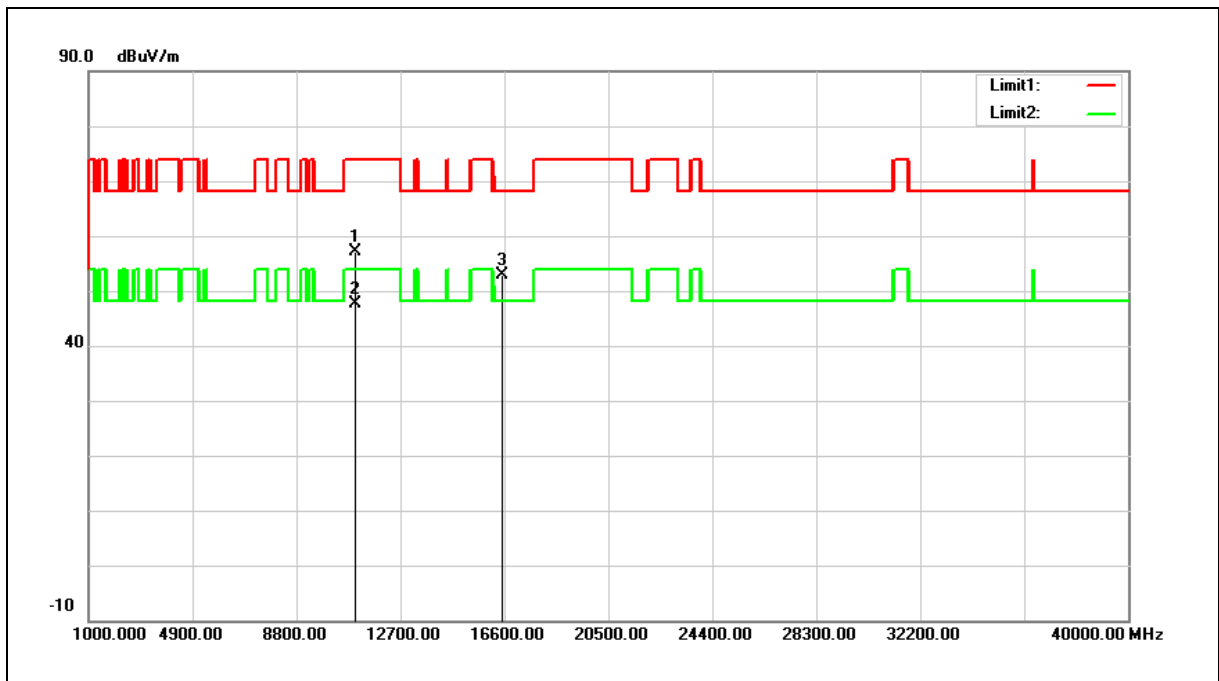
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	40.85	17.74	58.59	74.00	-15.41	peak
2	10640.000	30.33	17.74	48.07	54.00	-5.93	AVG
3	15960.000	33.63	18.07	51.70	74.00	-22.30	peak

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 5		
Ant.Polar.:	Horizontal		



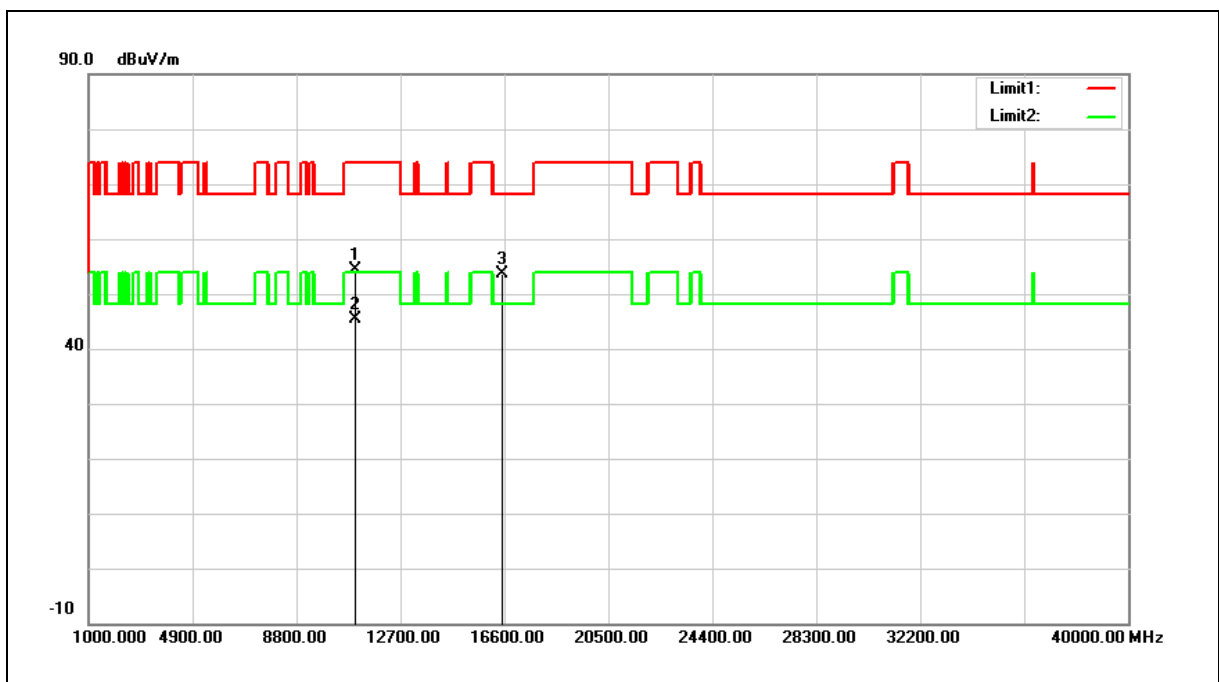
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	38.54	18.55	57.09	74.00	-16.91	peak
2	11000.000	29.13	18.55	47.68	54.00	-6.32	AVG
3	16500.000	32.06	20.78	52.84	68.20	-15.36	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



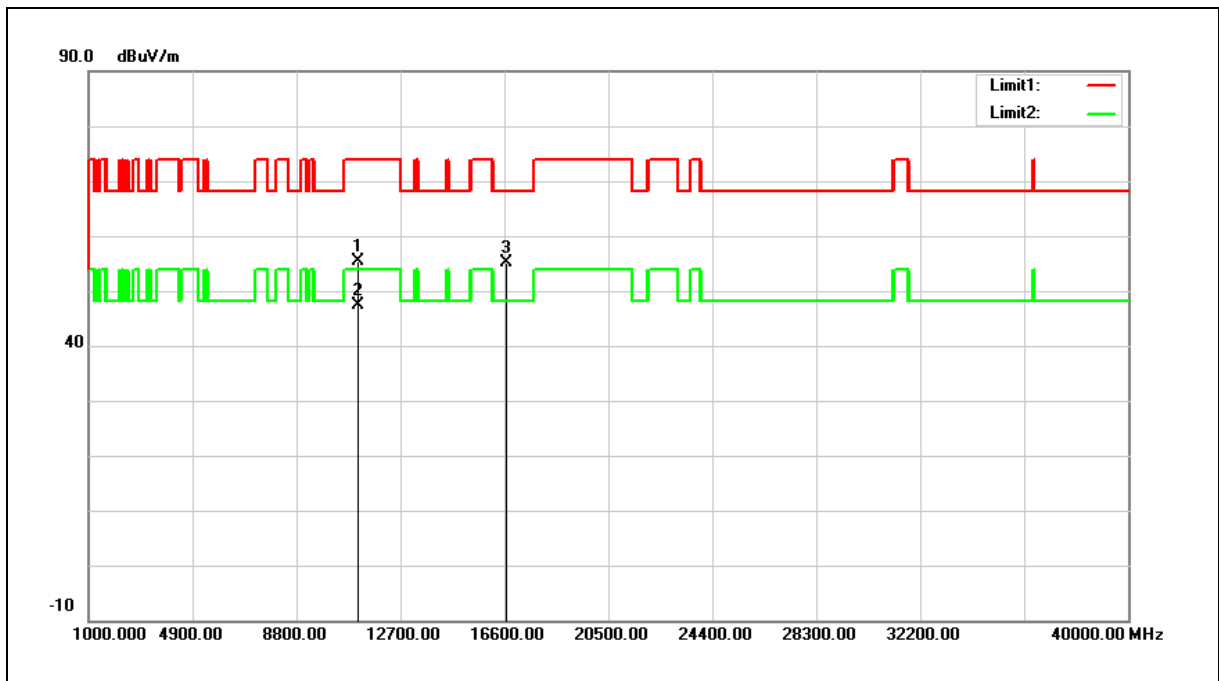
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	35.73	18.55	54.28	74.00	-19.72	peak
2	11000.000	26.88	18.55	45.43	54.00	-8.57	AVG
3	16500.000	32.91	20.78	53.69	68.20	-14.51	peak

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:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



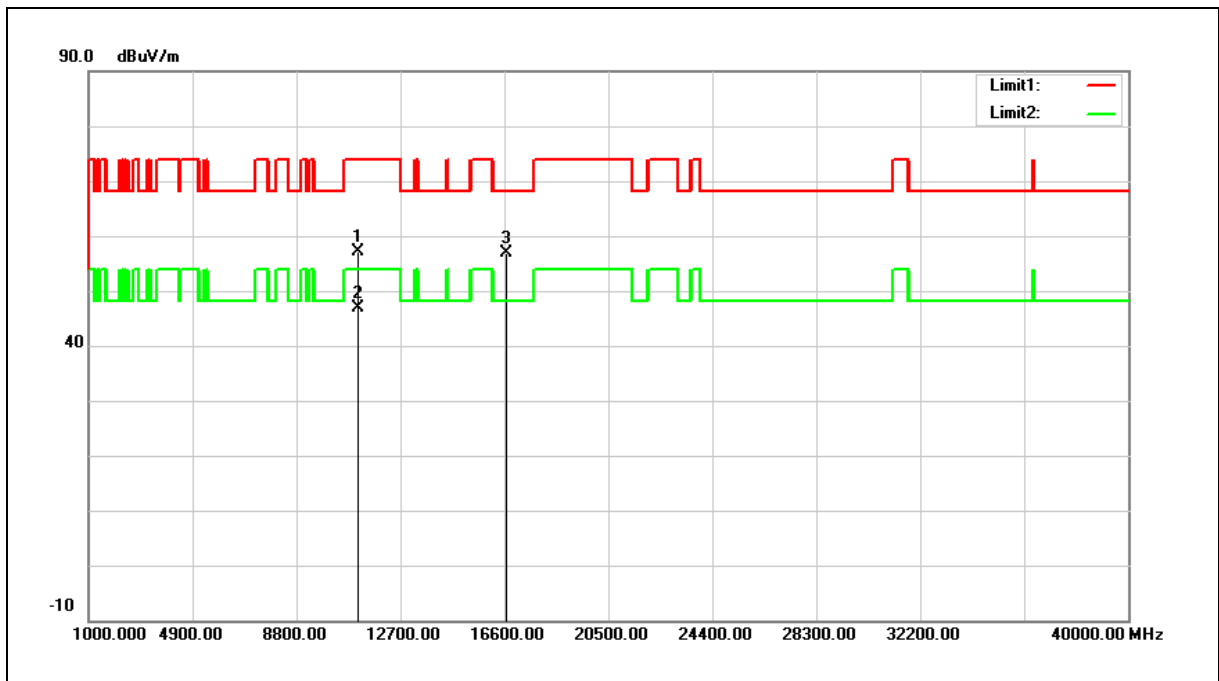
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	36.78	18.55	55.33	74.00	-18.67	peak
2	11120.000	28.73	18.55	47.28	54.00	-6.72	AVG
3	16680.000	33.34	21.72	55.06	68.20	-13.14	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



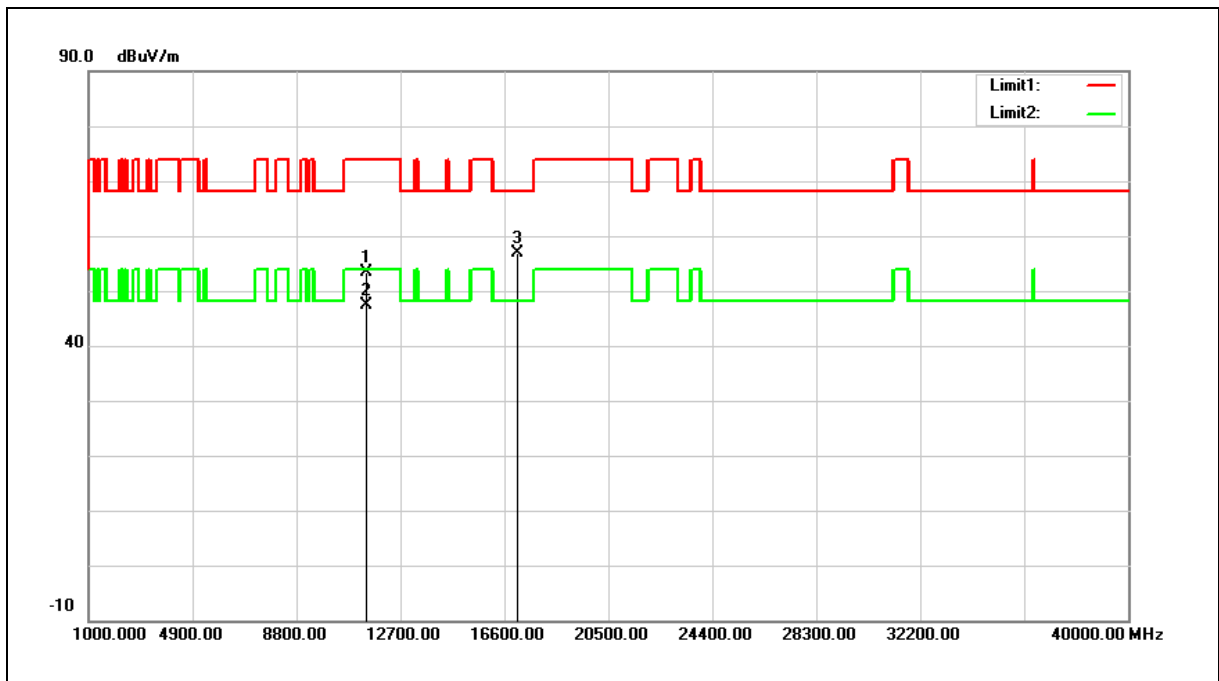
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	38.59	18.55	57.14	74.00	-16.86	peak
2	11120.000	28.36	18.55	46.91	54.00	-7.09	AVG
3	16680.000	35.19	21.72	56.91	68.20	-11.29	peak

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:	5700 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	11400.000	34.82	18.51	53.33	74.00	-20.67	peak
2	11400.000	28.88	18.51	47.39	54.00	-6.61	AVG
3	17100.000	33.22	23.78	57.00	68.20	-11.20	peak

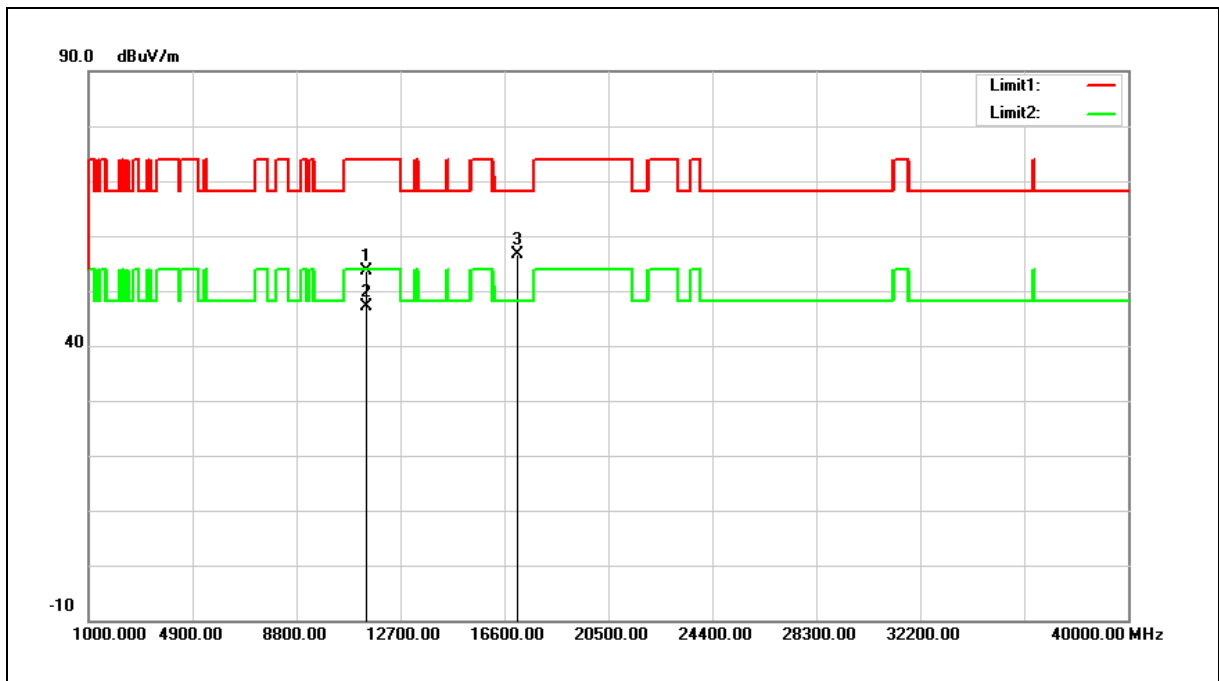
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



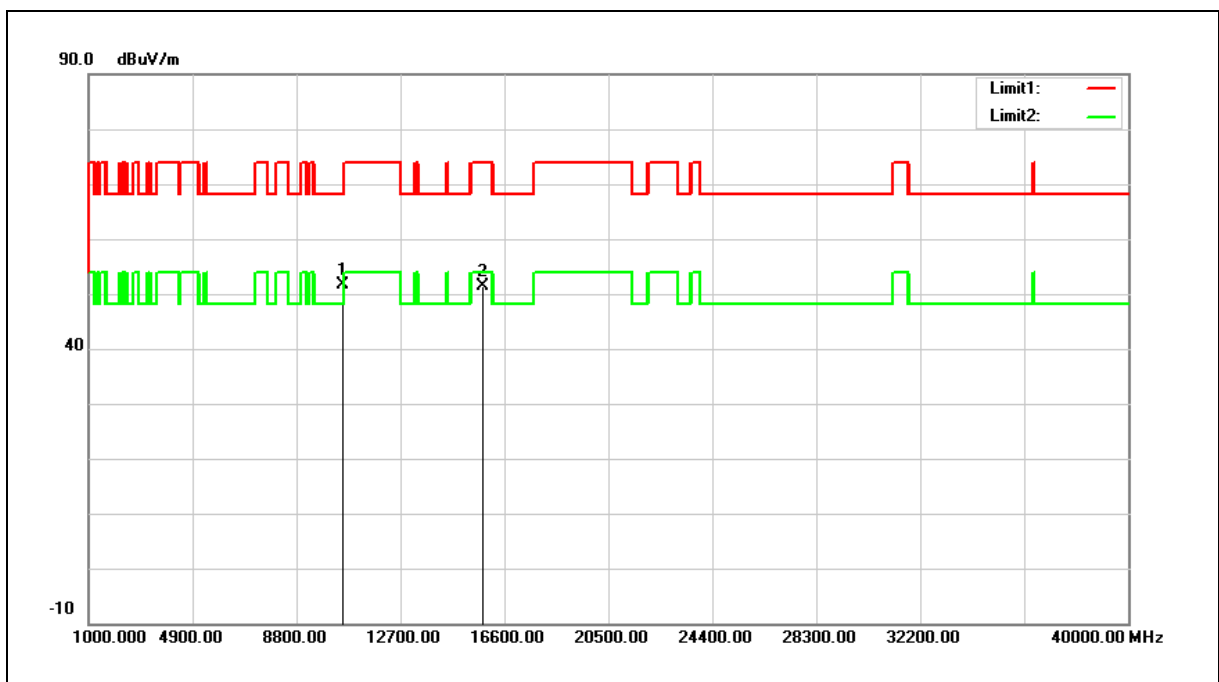
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	35.23	18.51	53.74	74.00	-20.26	peak
2	11400.000	28.51	18.51	47.02	54.00	-6.98	AVG
3	17100.000	32.84	23.78	56.62	68.20	-11.58	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	34.03	17.52	51.55	68.20	-16.65	peak
2	15810.000	33.03	18.47	51.50	74.00	-22.50	peak

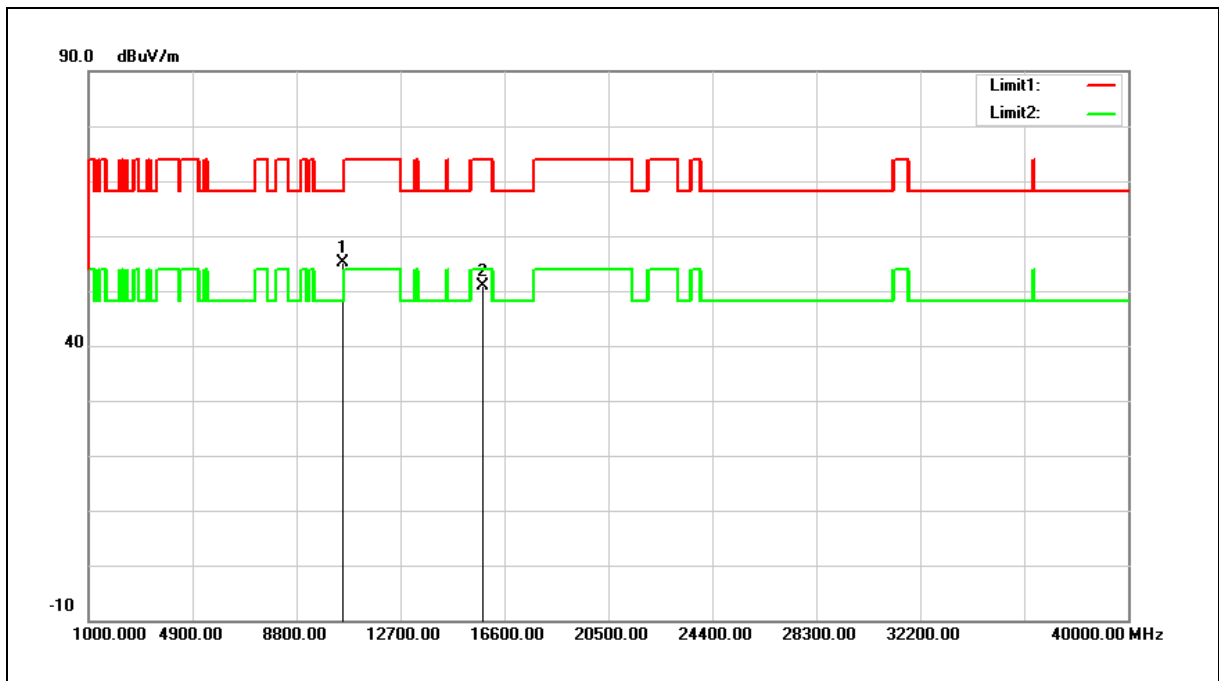
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



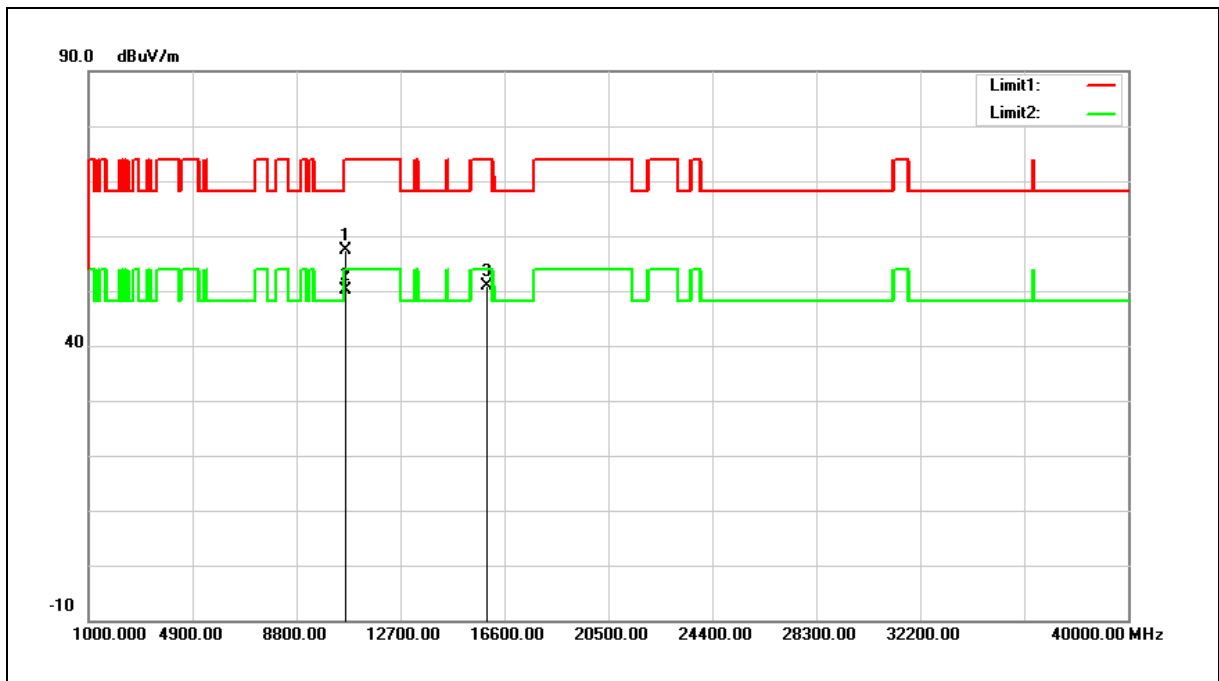
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	37.73	17.52	55.25	68.20	-12.95	peak
2	15810.000	32.51	18.47	50.98	74.00	-23.02	peak

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 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	39.69	17.70	57.39	74.00	-16.61	peak
2	10620.000	32.42	17.70	50.12	54.00	-3.88	AVG
3	15930.000	32.79	18.14	50.93	74.00	-23.07	peak

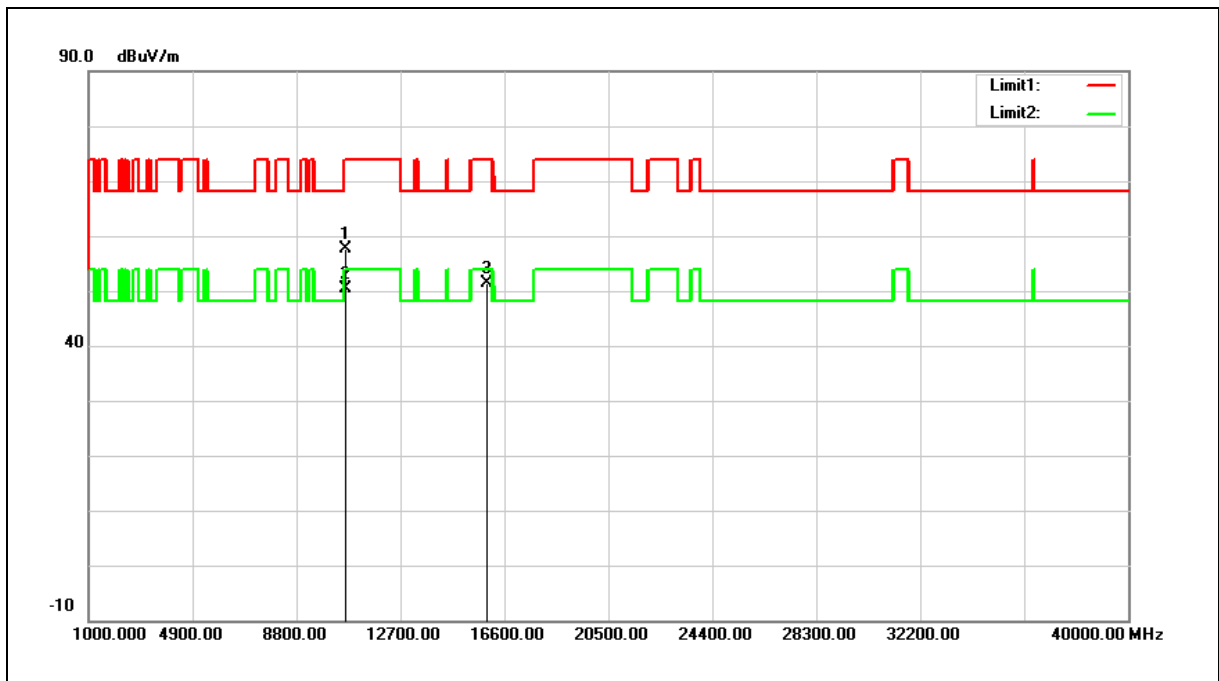
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



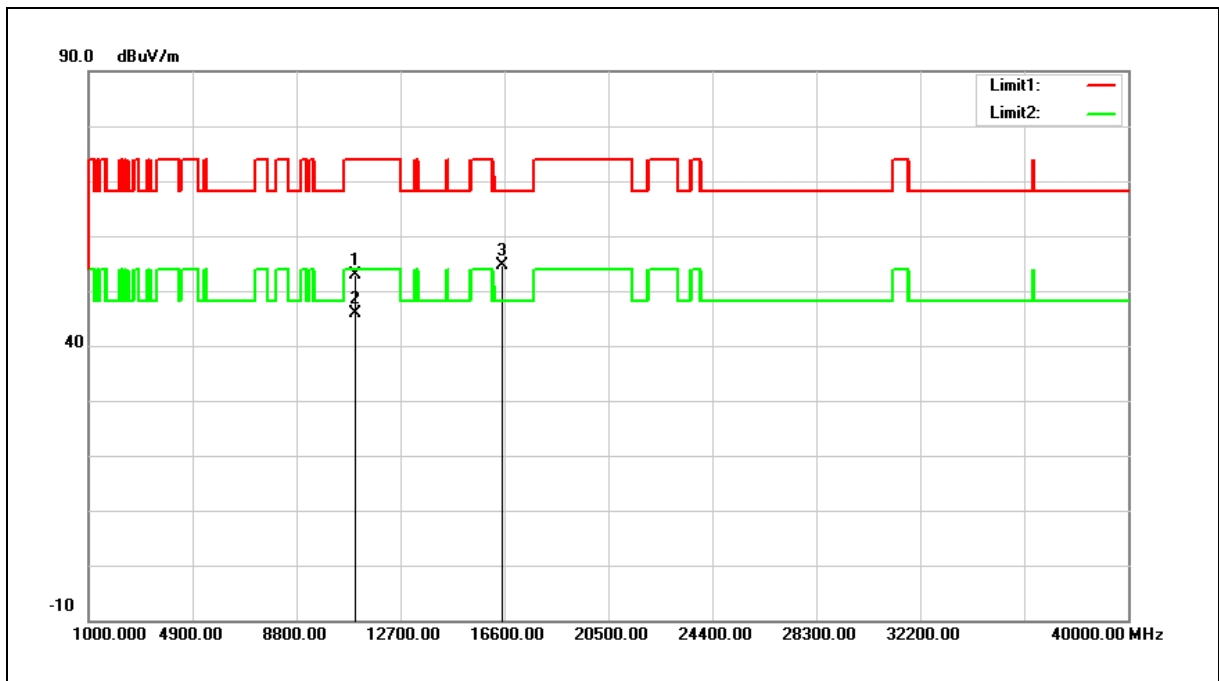
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	39.95	17.70	57.65	74.00	-16.35	peak
2	10620.000	32.58	17.70	50.28	54.00	-3.72	AVG
3	15930.000	33.24	18.14	51.38	74.00	-22.62	peak

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:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	34.35	18.55	52.90	74.00	-21.10	peak
2	11020.000	27.27	18.55	45.82	54.00	-8.18	AVG
3	16530.000	33.72	20.93	54.65	68.20	-13.55	peak

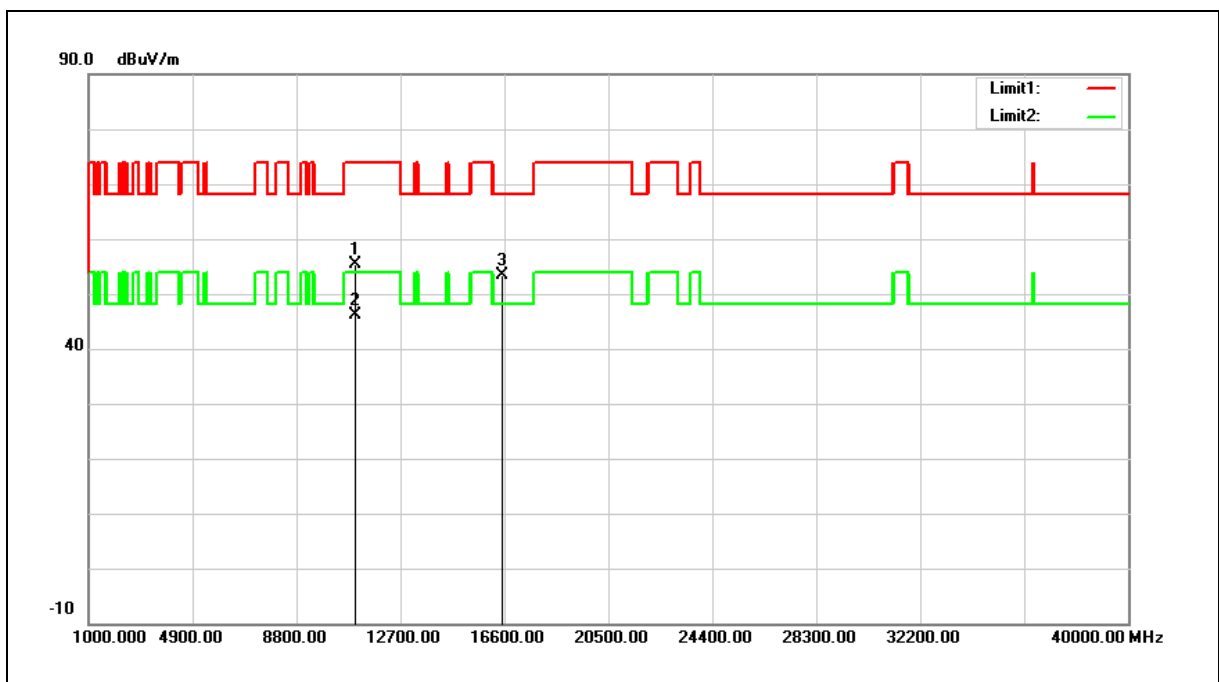
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	36.83	18.55	55.38	74.00	-18.62	peak
2	11020.000	27.53	18.55	46.08	54.00	-7.92	AVG
3	16530.000	32.43	20.93	53.36	68.20	-14.84	peak

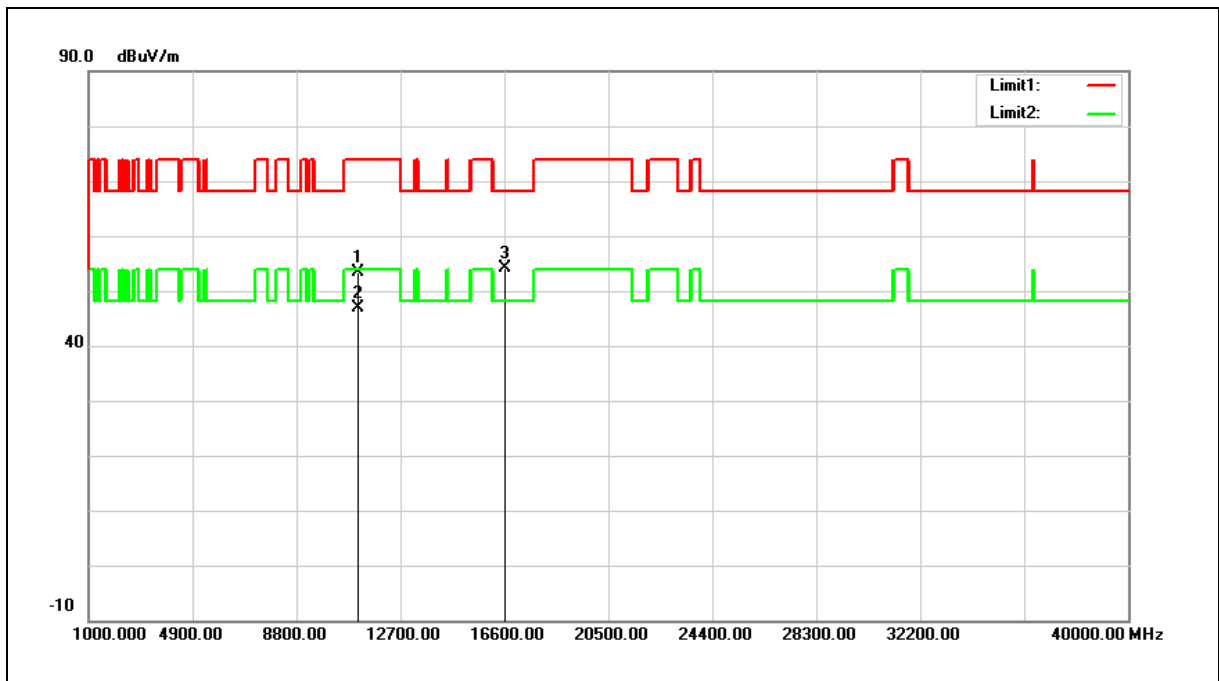
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	34.72	18.54	53.26	74.00	-20.74	peak
2	11100.000	28.37	18.54	46.91	54.00	-7.09	AVG
3	16650.000	32.55	21.56	54.11	68.20	-14.09	peak

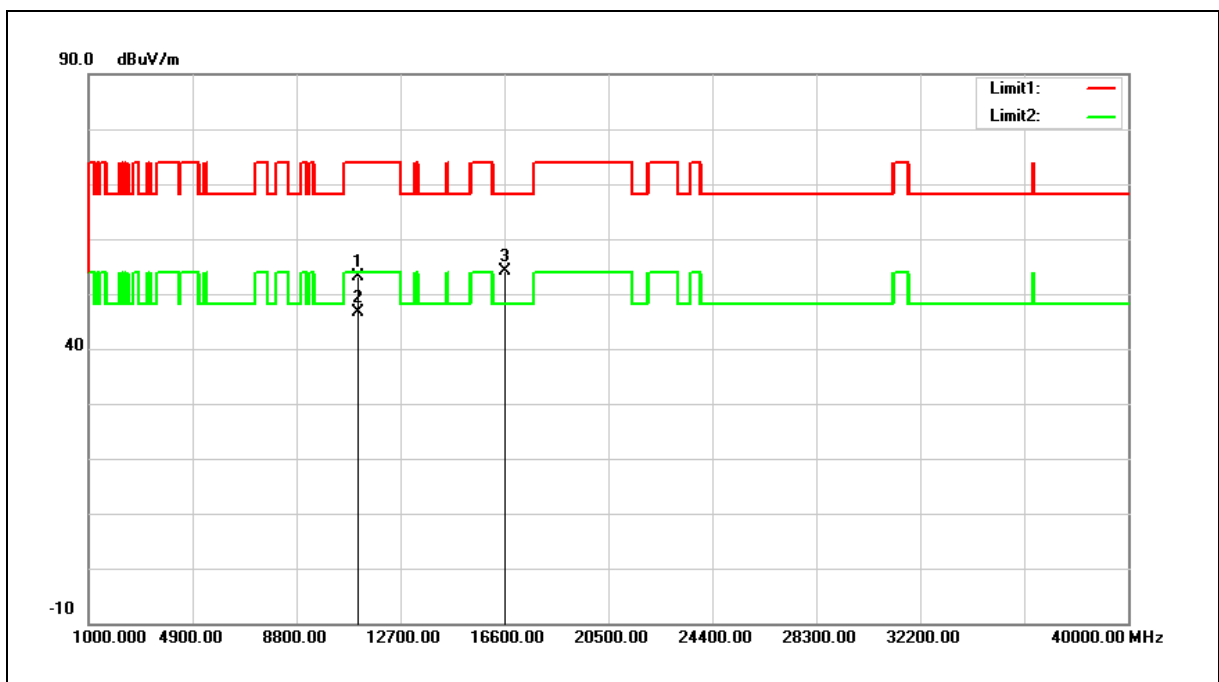
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	34.51	18.54	53.05	74.00	-20.95	peak
2	11100.000	28.18	18.54	46.72	54.00	-7.28	AVG
3	16650.000	32.66	21.56	54.22	68.20	-13.98	peak

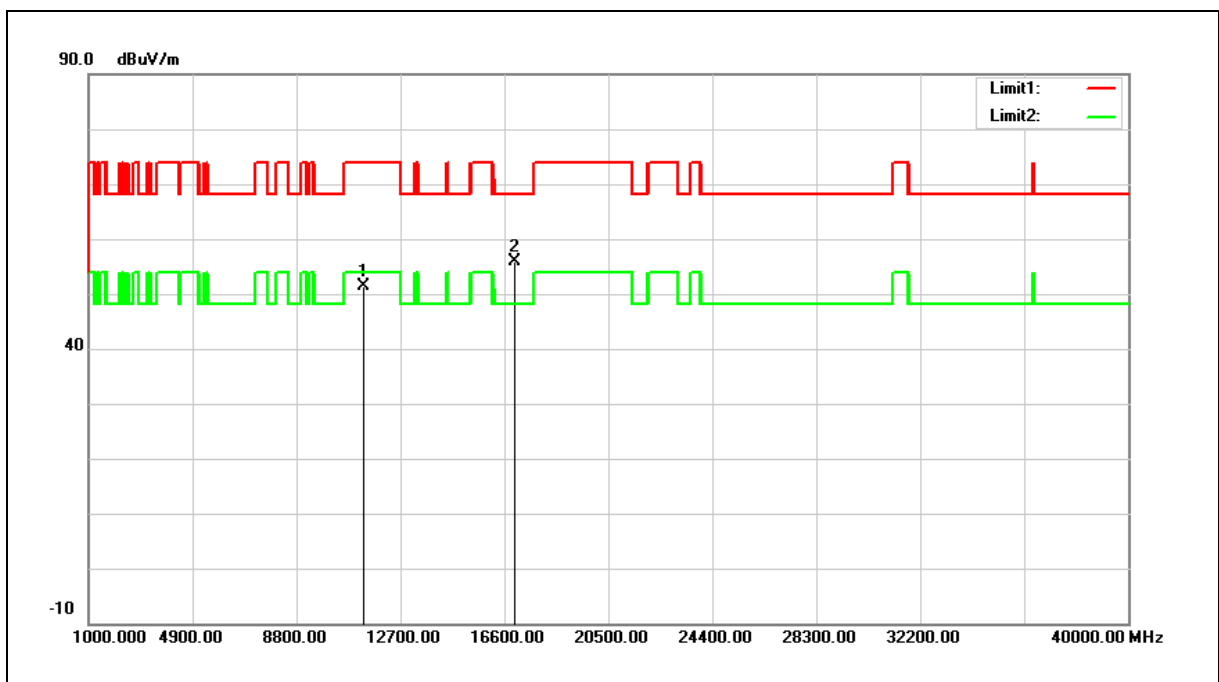
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



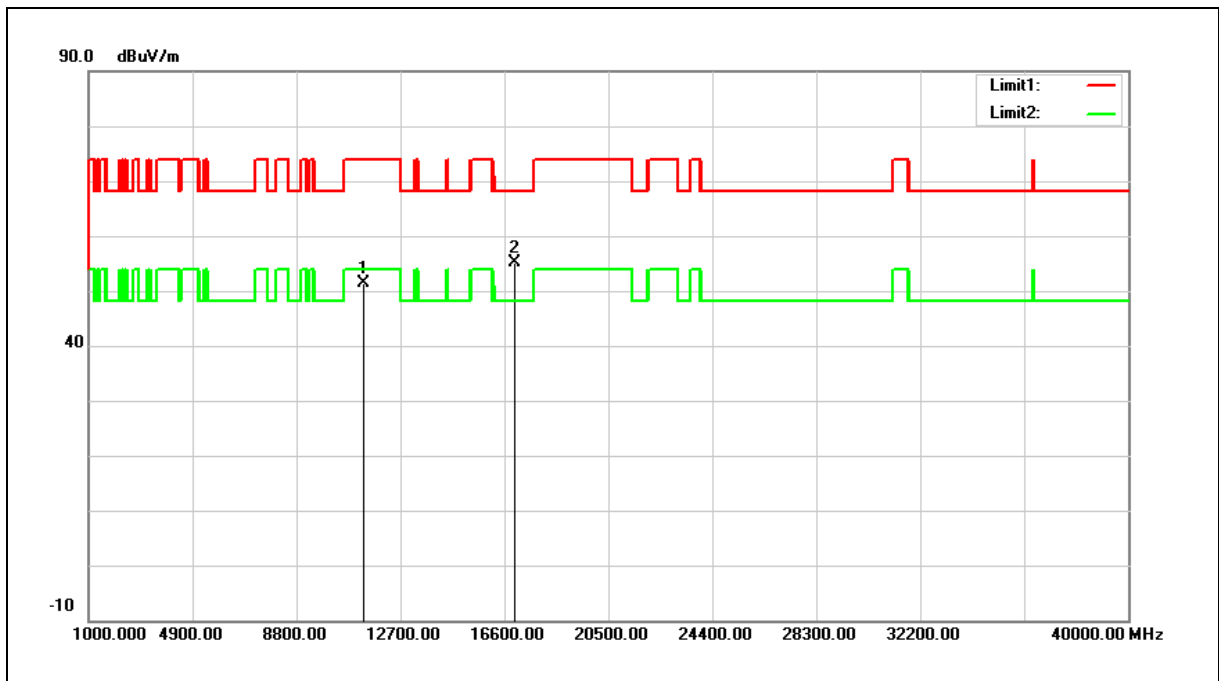
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	32.87	18.51	51.38	74.00	-22.62	peak
2	17010.000	32.44	23.44	55.88	68.20	-12.32	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	32.93	18.51	51.44	74.00	-22.56	peak
2	17010.000	31.69	23.44	55.13	68.20	-13.07	peak

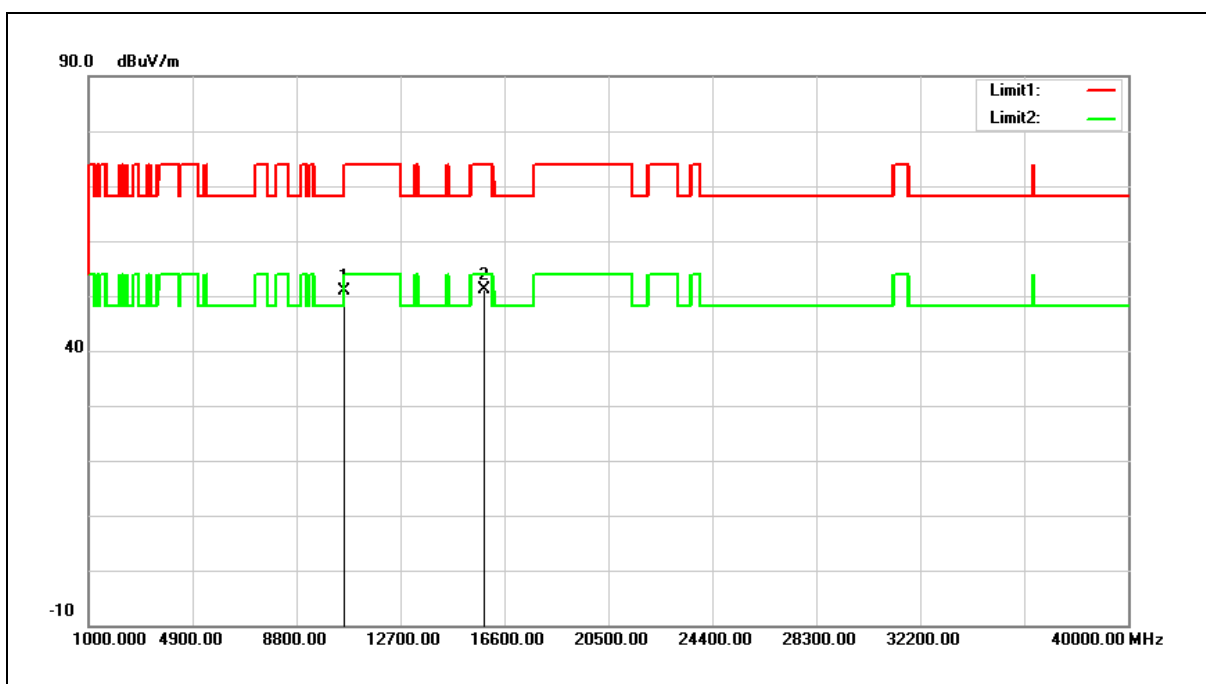
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



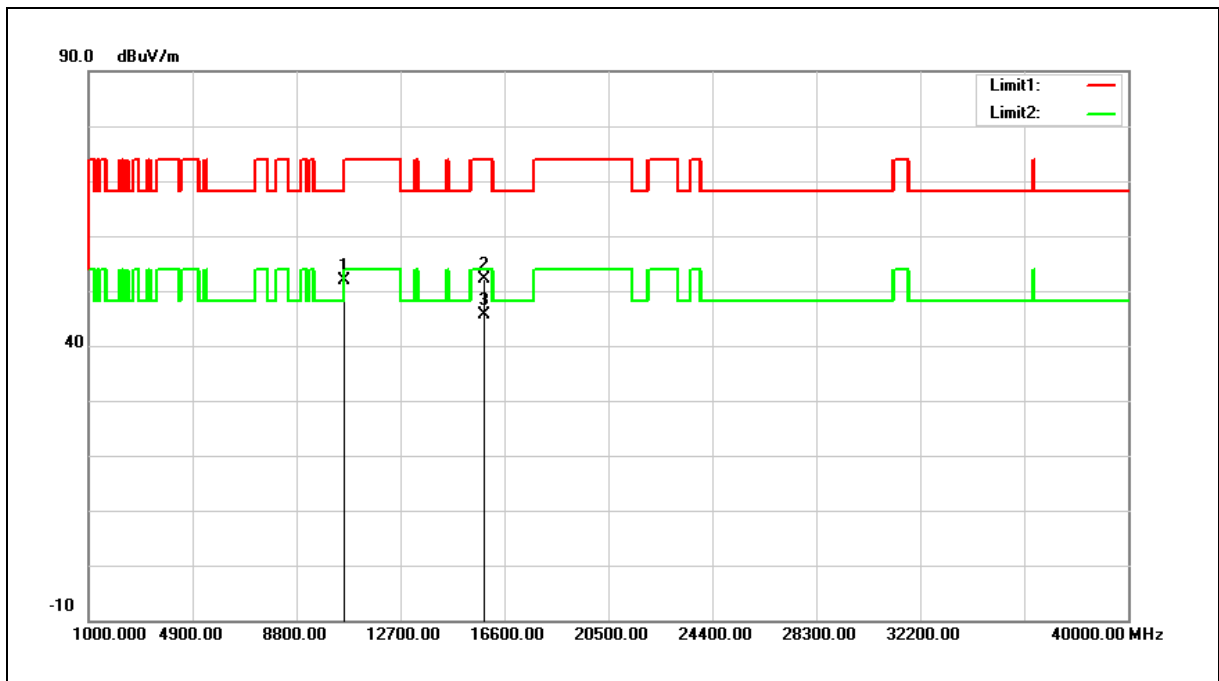
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	33.19	17.61	50.80	68.20	-17.40	peak
2	15870.000	32.84	18.31	51.15	74.00	-22.85	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	34.20	17.61	51.81	68.20	-16.39	peak
2	15870.000	33.73	18.31	52.04	74.00	-21.96	peak
3	15870.000	27.39	18.31	45.70	54.00	-8.30	AVG

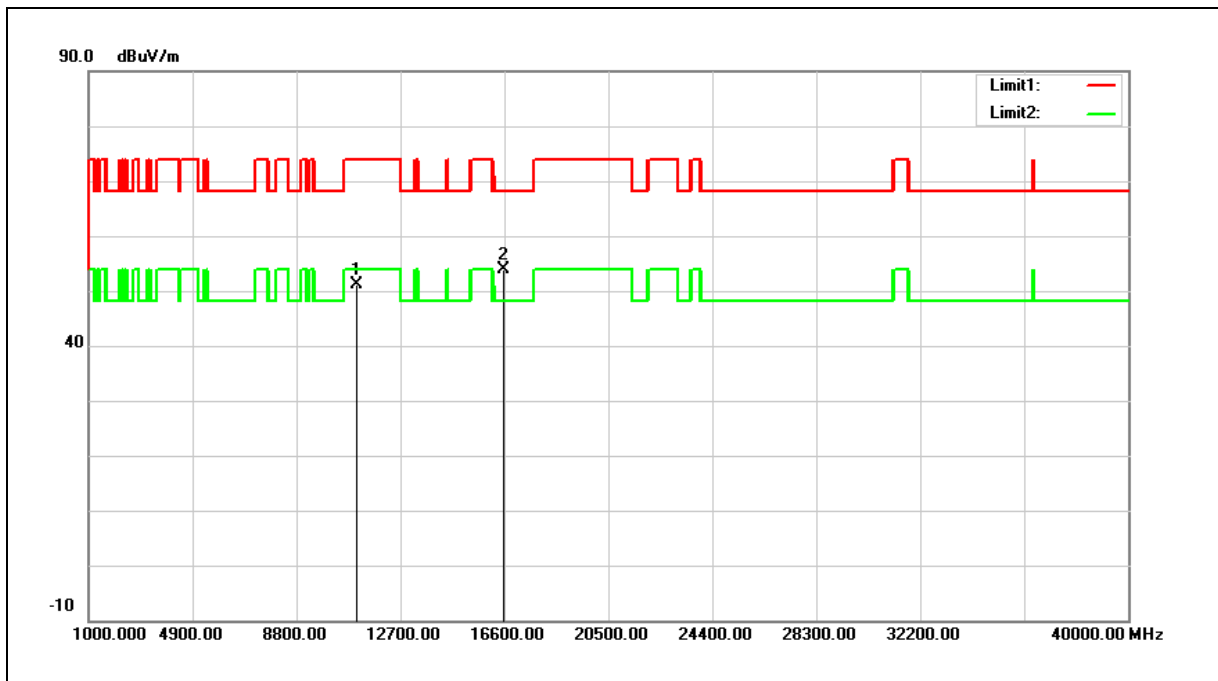
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



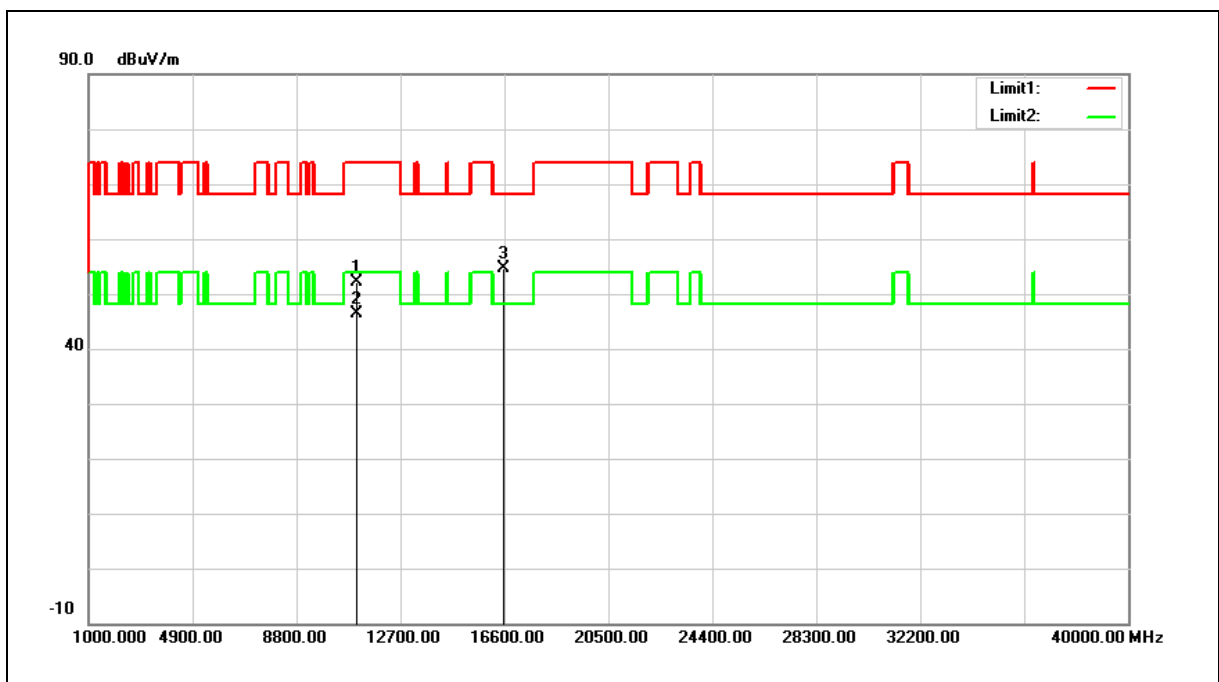
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	32.51	18.54	51.05	74.00	-22.95	peak
2	16590.000	32.75	21.25	54.00	68.20	-14.20	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



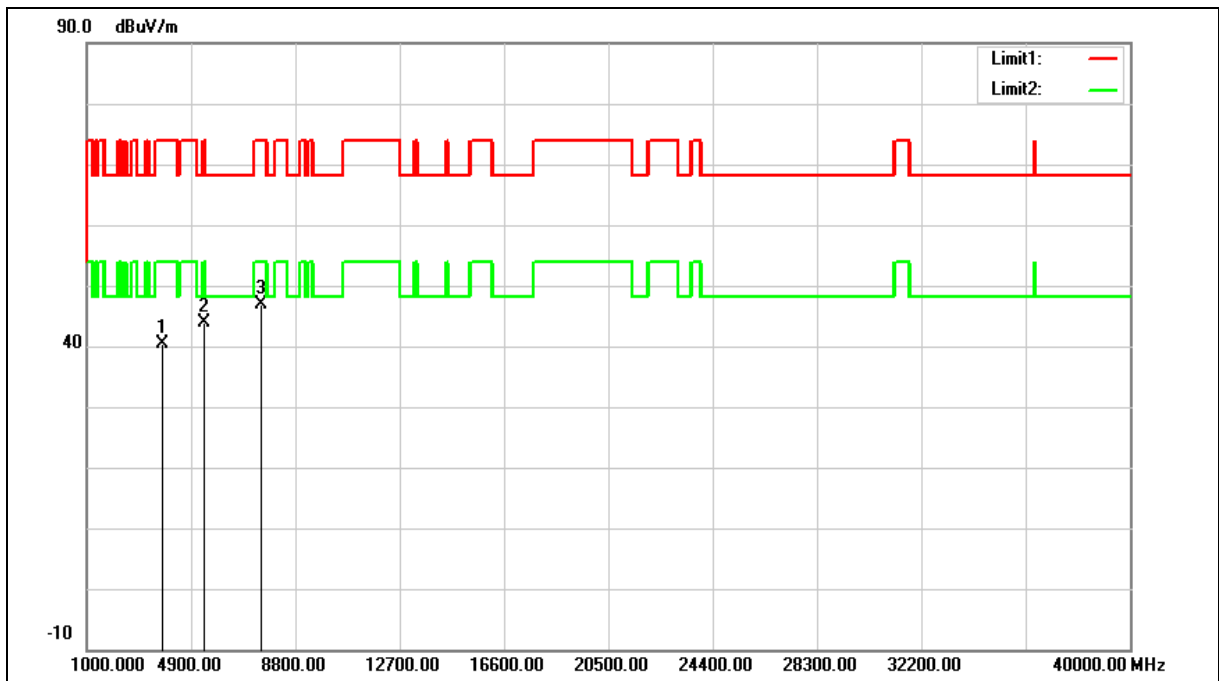
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	33.66	18.54	52.20	74.00	-21.80	peak
2	11060.000	27.79	18.54	46.33	54.00	-7.67	AVG
3	16590.000	33.37	21.25	54.62	68.20	-13.58	peak

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:	Transmitter Unwanted Emissions	Power:	AC 120 V/60 Hz
Test Mode:	Simultaneous Transmitting (WLAN 2.4 GHz + 5 GHz)	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		



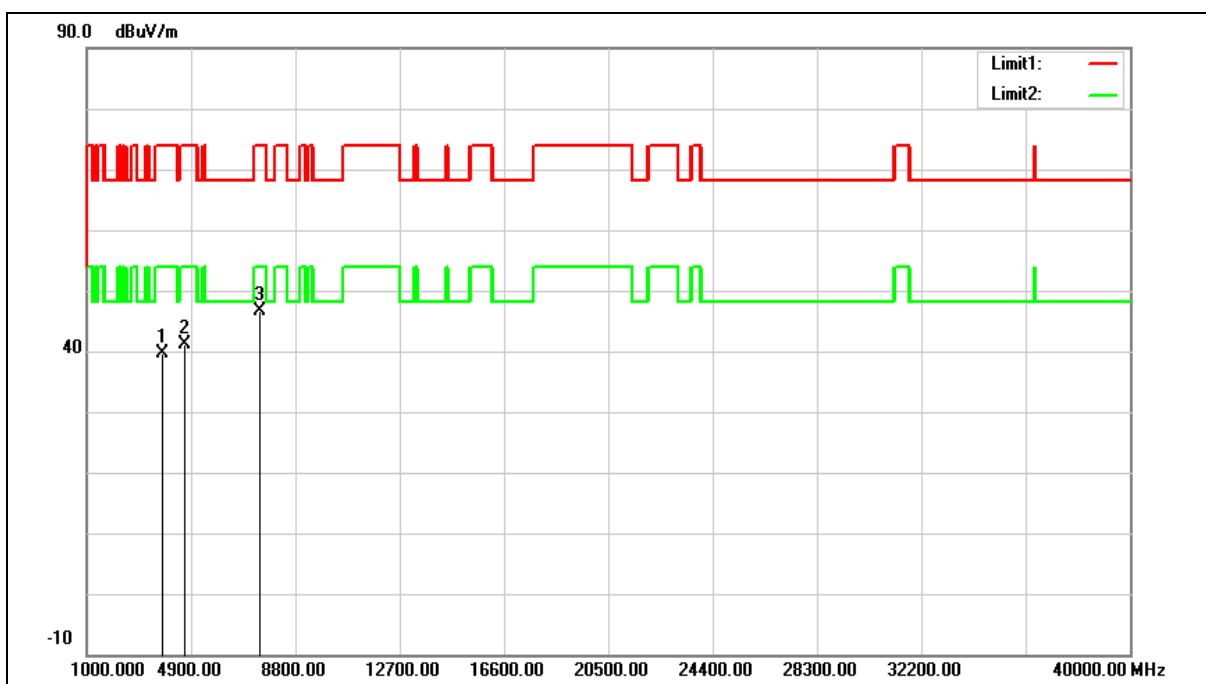
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3822.000	37.72	2.71	40.43	74.00	-33.57	peak
2	5386.000	37.04	6.82	43.86	74.00	-30.14	peak
3	7511.000	34.32	12.63	46.95	74.00	-27.05	peak

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:	Transmitter Unwanted Emissions	Power:	AC 120 V/60 Hz
Test Mode:	Simultaneous Transmitting (WLAN 2.4 GHz + 5 GHz)	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	3822.000	36.91	2.71	39.62	74.00	-34.38	peak
2	4689.000	35.84	5.31	41.15	74.00	-32.85	peak
3	7477.000	34.11	12.54	46.65	74.00	-27.35	peak

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

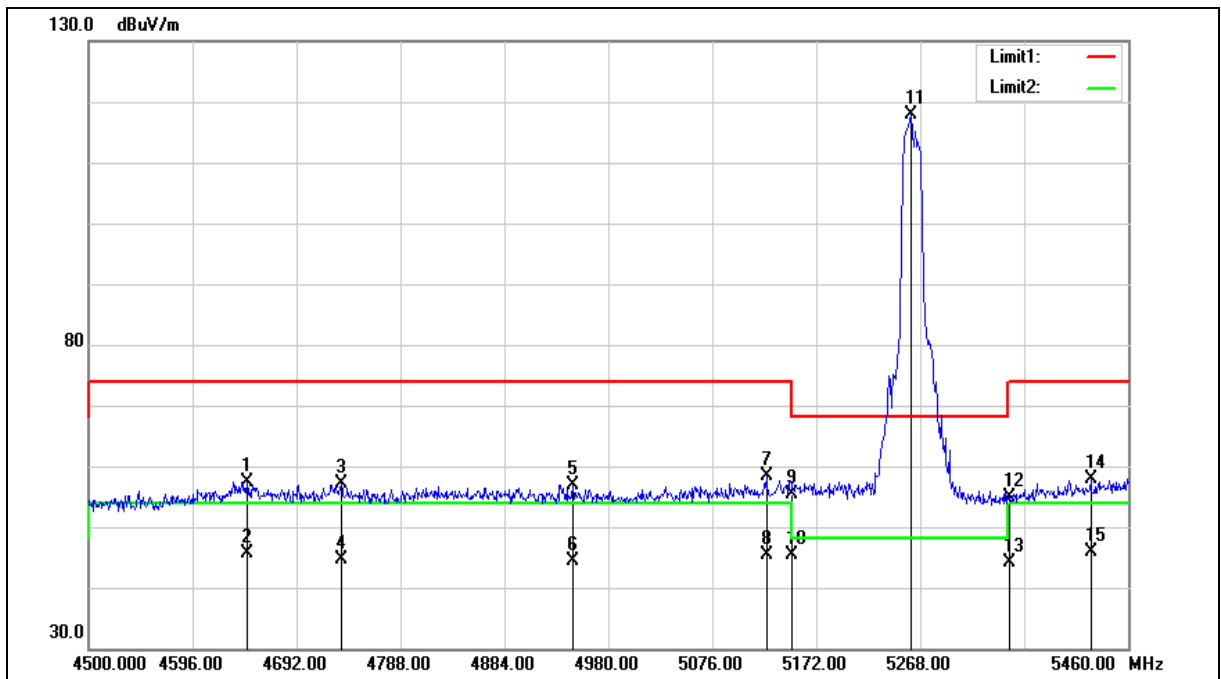
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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



Band Edge

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5260 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:	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	4646.880	52.19	5.23	57.42	74.00	-16.58	peak
2	4646.880	40.29	5.23	45.52	54.00	-8.48	AVG
3	4733.280	51.61	5.40	57.01	74.00	-16.99	peak
4	4733.280	39.35	5.40	44.75	54.00	-9.25	AVG
5	4947.360	51.10	5.80	56.90	74.00	-17.10	peak
6	4947.360	38.57	5.80	44.37	54.00	-9.63	AVG
7	5125.920	52.22	6.21	58.43	74.00	-15.57	peak
8	5125.920	39.29	6.21	45.50	54.00	-8.50	AVG
9	5150.000	49.01	6.27	55.28	74.00	-18.72	peak
10	5150.000	39.06	6.27	45.33	54.00	-8.67	AVG
11	5259.360	111.46	6.53	117.99	---	---	peak
12	5350.000	48.03	6.74	54.77	74.00	-19.23	peak
13	5350.000	37.41	6.74	44.15	54.00	-9.85	AVG
14	5425.440	50.98	6.93	57.91	74.00	-16.09	peak
15	5425.440	38.90	6.93	45.83	54.00	-8.17	AVG

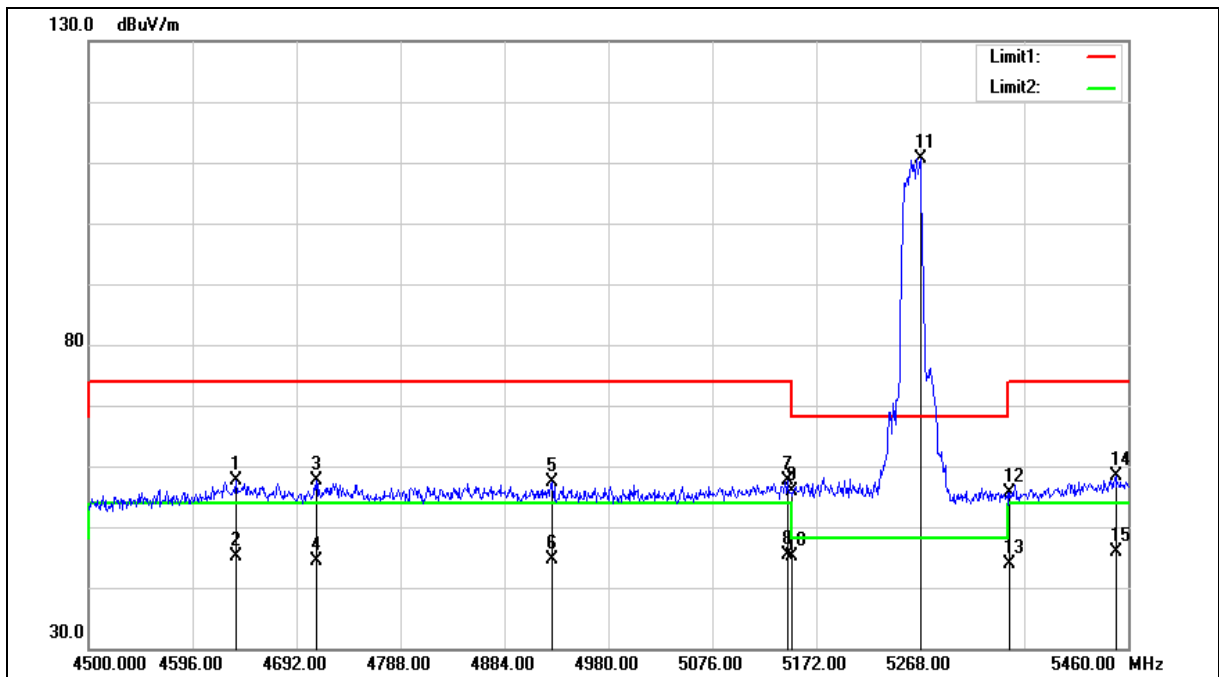
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5260 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:	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	4636.320	52.38	5.22	57.60	74.00	-16.40	peak
2	4636.320	39.97	5.22	45.19	54.00	-8.81	AVG
3	4710.240	52.22	5.36	57.58	74.00	-16.42	peak
4	4710.240	39.01	5.36	44.37	54.00	-9.63	AVG
5	4928.160	51.60	5.78	57.38	74.00	-16.62	peak
6	4928.160	38.89	5.78	44.67	54.00	-9.33	AVG
7	5145.120	51.46	6.26	57.72	74.00	-16.28	peak
8	5145.120	39.09	6.26	45.35	54.00	-8.65	AVG
9	5150.000	49.59	6.27	55.86	74.00	-18.14	peak
10	5150.000	38.89	6.27	45.16	54.00	-8.84	AVG
11	5268.000	104.17	6.55	110.72	---	---	peak
12	5350.000	48.95	6.74	55.69	74.00	-18.31	peak
13	5350.000	37.23	6.74	43.97	54.00	-10.03	AVG
14	5448.480	51.47	6.98	58.45	74.00	-15.55	peak
15	5448.480	39.00	6.98	45.98	54.00	-8.02	AVG

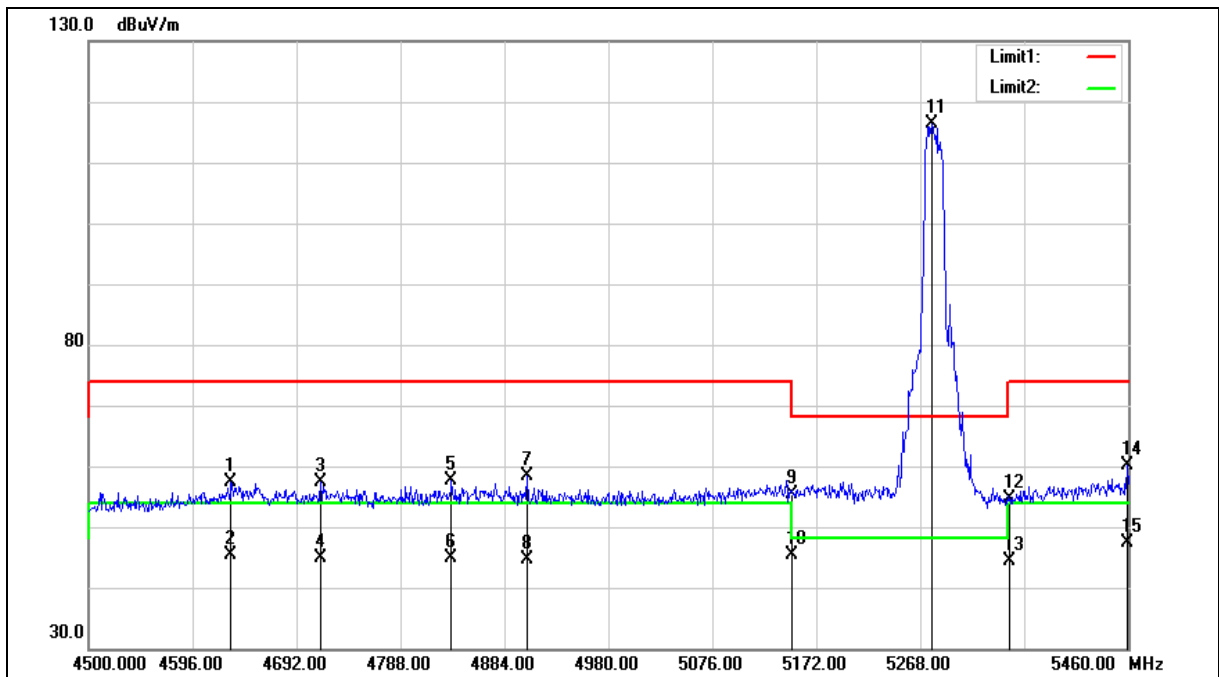
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5280 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:	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	4631.520	52.26	5.20	57.46	74.00	-16.54	peak
2	4631.520	40.12	5.20	45.32	54.00	-8.68	AVG
3	4714.080	52.12	5.37	57.49	74.00	-16.51	peak
4	4714.080	39.41	5.37	44.78	54.00	-9.22	AVG
5	4835.040	52.14	5.60	57.74	74.00	-16.26	peak
6	4835.040	39.38	5.60	44.98	54.00	-9.02	AVG
7	4905.120	52.57	5.73	58.30	74.00	-15.70	peak
8	4905.120	38.99	5.73	44.72	54.00	-9.28	AVG
9	5150.000	49.14	6.27	55.41	74.00	-18.59	peak
10	5150.000	39.22	6.27	45.49	54.00	-8.51	AVG
11	5278.560	109.75	6.57	116.32	---	---	peak
12	5350.000	48.00	6.74	54.74	74.00	-19.26	peak
13	5350.000	37.52	6.74	44.26	54.00	-9.74	AVG
14	5459.040	53.01	7.00	60.01	74.00	-13.99	peak
15	5459.040	40.48	7.00	47.48	54.00	-6.52	AVG

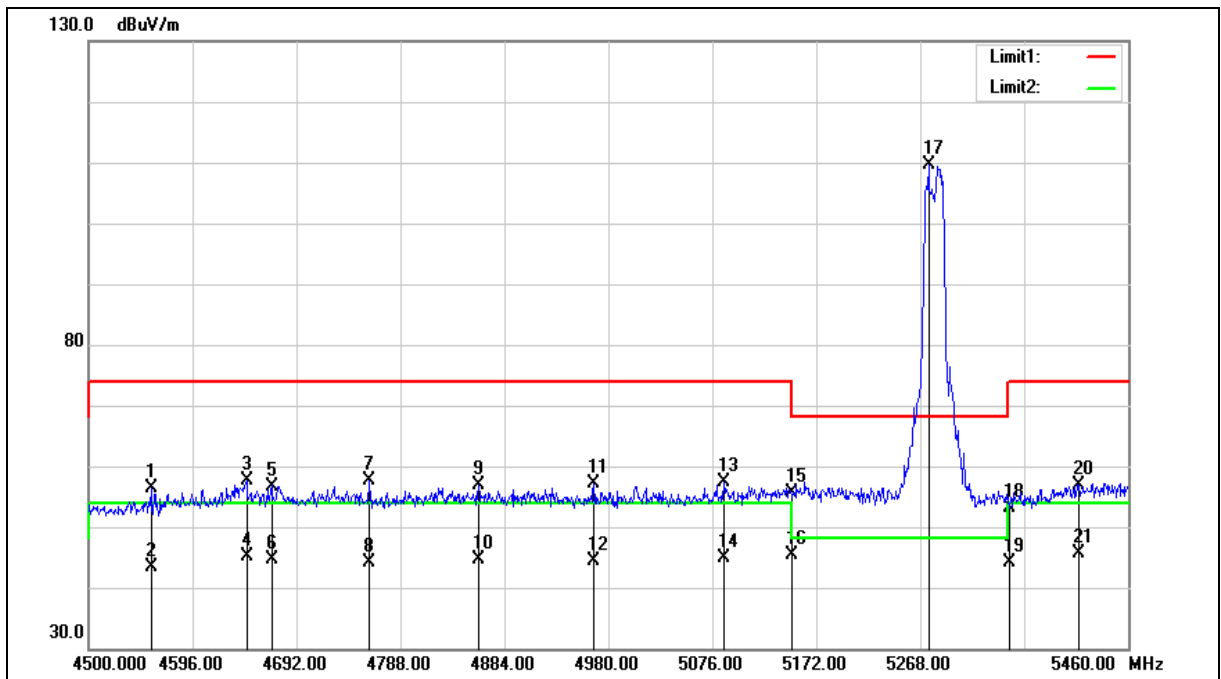
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5280 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:	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	4557.600	51.19	5.07	56.26	74.00	-17.74	peak
2	4557.600	38.40	5.07	43.47	54.00	-10.53	AVG
3	4645.920	52.28	5.23	57.51	74.00	-16.49	peak
4	4645.920	39.95	5.23	45.18	54.00	-8.82	AVG
5	4668.960	51.47	5.28	56.75	74.00	-17.25	peak
6	4668.960	39.28	5.28	44.56	54.00	-9.44	AVG
7	4759.200	52.28	5.45	57.73	74.00	-16.27	peak
8	4759.200	38.57	5.45	44.02	54.00	-9.98	AVG
9	4860.000	51.18	5.64	56.82	74.00	-17.18	peak
10	4860.000	39.09	5.64	44.73	54.00	-9.27	AVG
11	4966.560	51.20	5.84	57.04	74.00	-16.96	peak
12	4966.560	38.62	5.84	44.46	54.00	-9.54	AVG
13	5086.560	51.16	6.12	57.28	74.00	-16.72	peak
14	5086.560	38.86	6.12	44.98	54.00	-9.02	AVG
15	5150.000	49.47	6.27	55.74	74.00	-18.26	peak
16	5150.000	39.01	6.27	45.28	54.00	-8.72	AVG
17	5275.680	103.06	6.57	109.63	---	---	peak
18	5350.000	46.38	6.74	53.12	74.00	-20.88	peak
19	5350.000	37.36	6.74	44.10	54.00	-9.90	AVG
20	5414.880	50.03	6.90	56.93	74.00	-17.07	peak
21	5414.880	38.73	6.90	45.63	54.00	-8.37	AVG

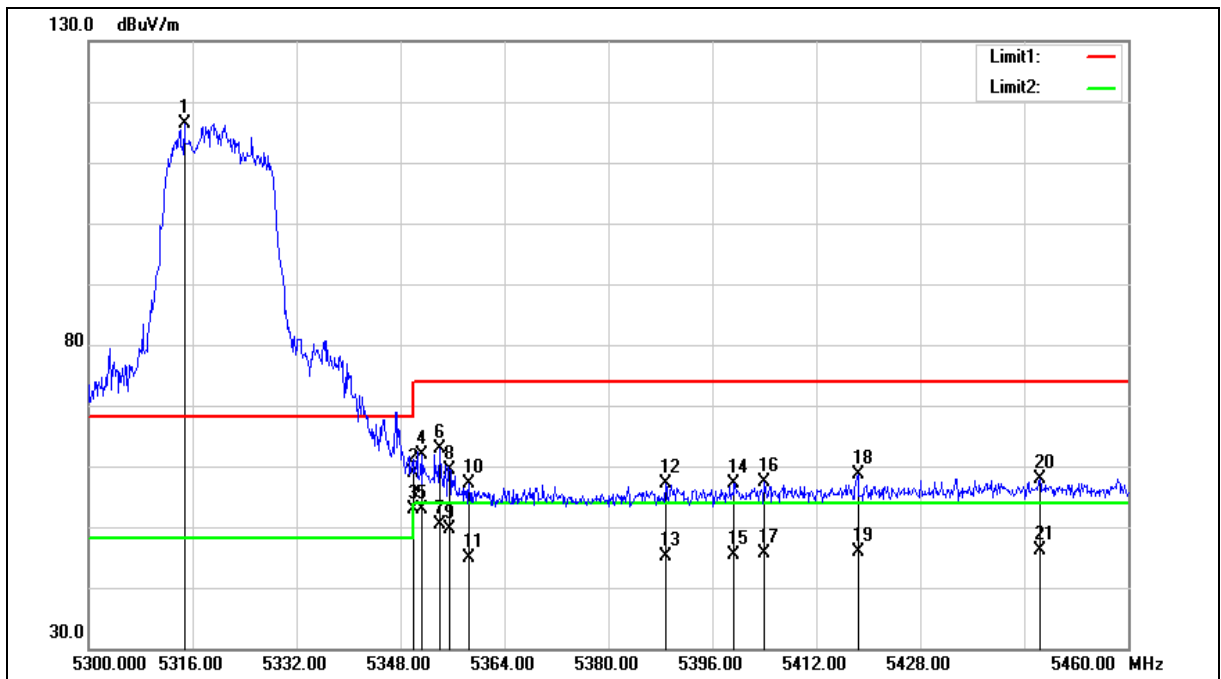
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.:	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	5314.720	109.71	6.66	116.37	---	---	peak
2	5350.000	52.12	6.74	58.86	74.00	-15.14	peak
3	5350.000	46.26	6.74	53.00	54.00	-1.00	AVG
4	5351.200	55.11	6.74	61.85	74.00	-12.15	peak
5	5351.200	46.15	6.74	52.89	54.00	-1.11	AVG
6	5354.080	56.06	6.75	62.81	74.00	-11.19	peak
7	5354.080	43.69	6.75	50.44	54.00	-3.56	AVG
8	5355.520	52.72	6.75	59.47	74.00	-14.53	peak
9	5355.520	42.87	6.75	49.62	54.00	-4.38	AVG
10	5358.560	50.29	6.76	57.05	74.00	-16.95	peak
11	5358.560	38.10	6.76	44.86	54.00	-9.14	AVG
12	5388.800	50.18	6.84	57.02	74.00	-16.98	peak
13	5388.800	38.40	6.84	45.24	54.00	-8.76	AVG
14	5399.360	50.37	6.86	57.23	74.00	-16.77	peak
15	5399.360	38.61	6.86	45.47	54.00	-8.53	AVG
16	5404.000	50.57	6.87	57.44	74.00	-16.56	peak
17	5404.000	38.66	6.87	45.53	54.00	-8.47	AVG
18	5418.400	51.64	6.91	58.55	74.00	-15.45	peak
19	5418.400	38.90	6.91	45.81	54.00	-8.19	AVG
20	5446.400	51.00	6.98	57.98	74.00	-16.02	peak
21	5446.400	39.15	6.98	46.13	54.00	-7.87	AVG

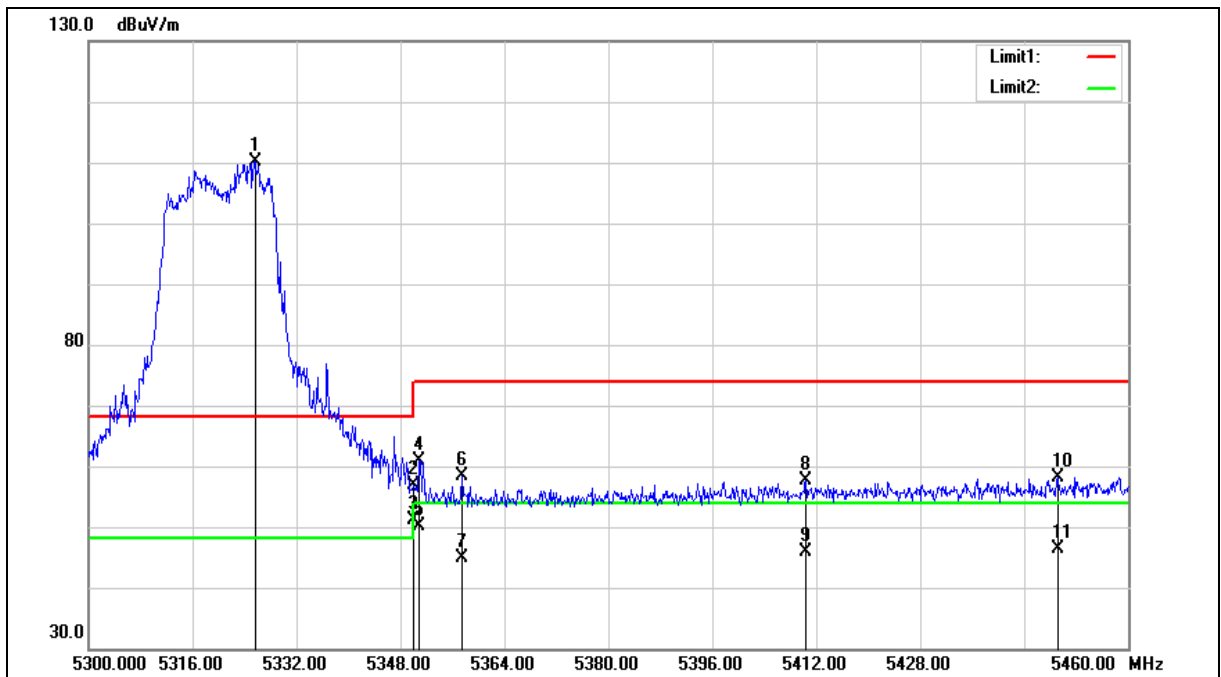
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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	5325.600	103.50	6.69	110.19	---	---	peak
2	5350.000	50.17	6.74	56.91	74.00	-17.09	peak
3	5350.000	44.45	6.74	51.19	54.00	-2.81	AVG
4	5350.880	54.11	6.74	60.85	74.00	-13.15	peak
5	5350.880	43.40	6.74	50.14	54.00	-3.86	AVG
6	5357.440	51.64	6.76	58.40	74.00	-15.60	peak
7	5357.440	38.10	6.76	44.86	54.00	-9.14	AVG
8	5410.400	50.72	6.88	57.60	74.00	-16.40	peak
9	5410.400	39.08	6.88	45.96	54.00	-8.04	AVG
10	5449.120	51.13	6.98	58.11	74.00	-15.89	peak
11	5449.120	39.38	6.98	46.36	54.00	-7.64	AVG

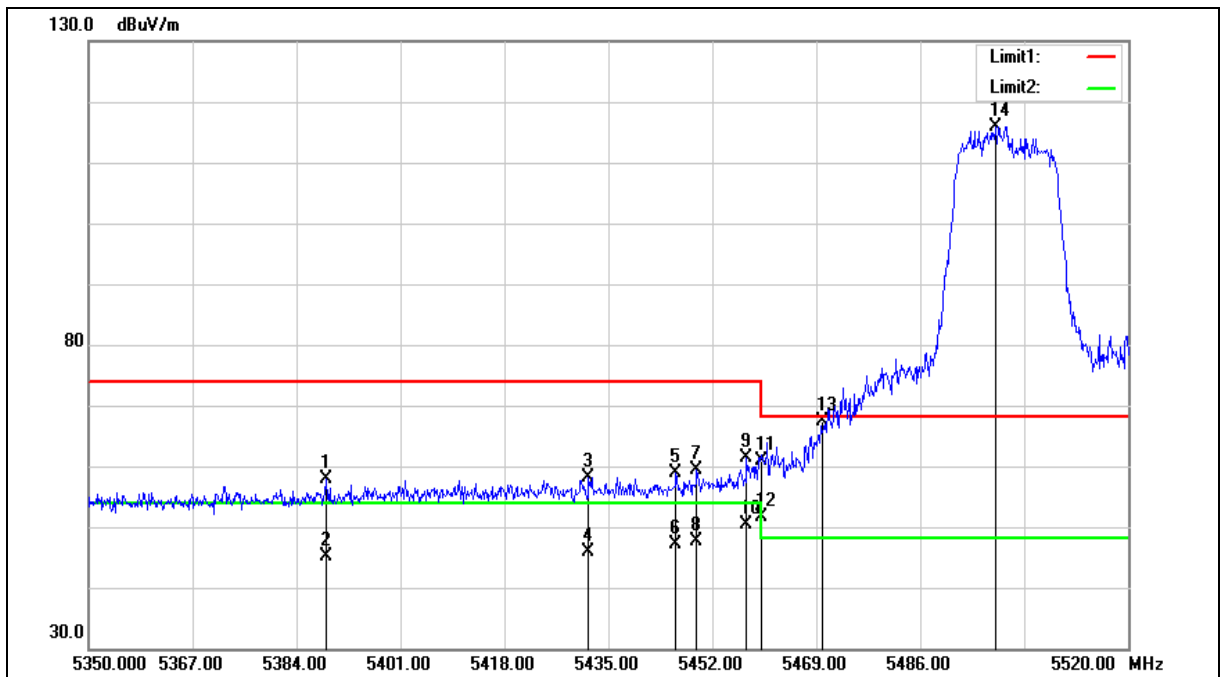
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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	5388.930	50.99	6.84	57.83	74.00	-16.17	peak
2	5388.930	38.39	6.84	45.23	54.00	-8.77	AVG
3	5431.770	51.22	6.94	58.16	74.00	-15.84	peak
4	5431.770	39.02	6.94	45.96	54.00	-8.04	AVG
5	5446.050	51.80	6.98	58.78	74.00	-15.22	peak
6	5446.050	40.22	6.98	47.20	54.00	-6.80	AVG
7	5449.450	52.33	6.98	59.31	74.00	-14.69	peak
8	5449.450	40.65	6.98	47.63	54.00	-6.37	AVG
9	5457.610	54.33	7.00	61.33	74.00	-12.67	peak
10	5457.610	43.42	7.00	50.42	54.00	-3.58	AVG
11	5460.000	53.99	7.00	60.99	74.00	-13.01	peak
12	5460.000	44.74	7.00	51.74	54.00	-2.26	AVG
13	5470.000	60.25	7.03	67.28	68.20	-0.92	peak
14	5498.410	108.88	7.10	115.98	---	---	peak

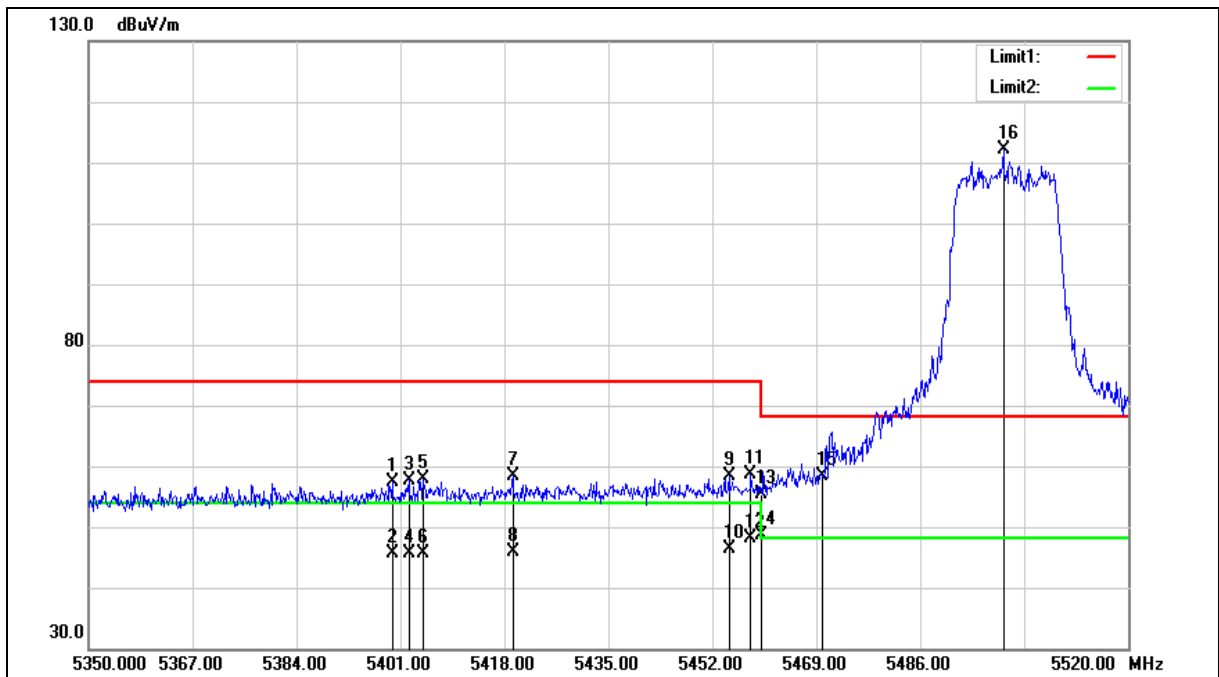
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	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	5399.640	50.44	6.86	57.30	74.00	-16.70	peak
2	5399.640	38.83	6.86	45.69	54.00	-8.31	AVG
3	5402.360	50.89	6.86	57.75	74.00	-16.25	peak
4	5402.360	38.77	6.86	45.63	54.00	-8.37	AVG
5	5404.740	50.95	6.87	57.82	74.00	-16.18	peak
6	5404.740	38.84	6.87	45.71	54.00	-8.29	AVG
7	5419.360	51.38	6.92	58.30	74.00	-15.70	peak
8	5419.360	39.04	6.92	45.96	54.00	-8.04	AVG
9	5454.720	51.46	6.99	58.45	74.00	-15.55	peak
10	5454.720	39.42	6.99	46.41	54.00	-7.59	AVG
11	5458.290	51.67	7.00	58.67	74.00	-15.33	peak
12	5458.290	41.21	7.00	48.21	54.00	-5.79	AVG
13	5460.000	48.33	7.00	55.33	74.00	-18.67	peak
14	5460.000	41.52	7.00	48.52	54.00	-5.48	AVG
15	5470.000	51.43	7.03	58.46	68.20	-9.74	peak
16	5499.600	105.01	7.10	112.11	---	---	peak

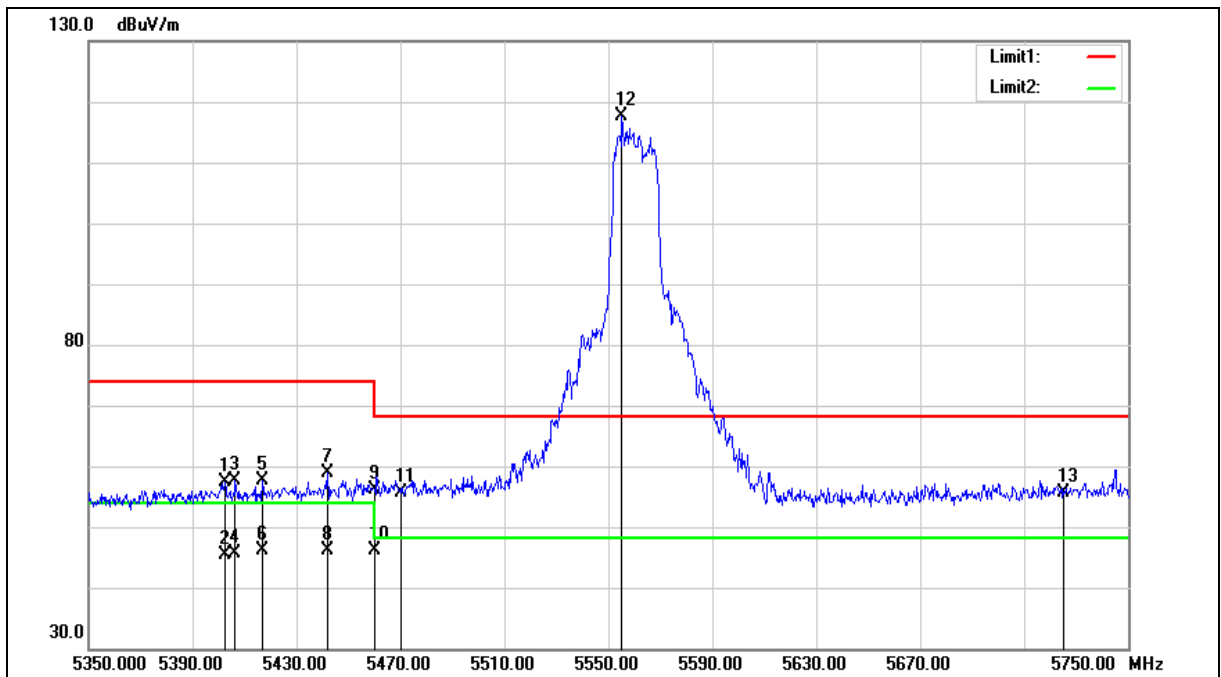
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5560 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:	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	5402.400	50.57	6.86	57.43	74.00	-16.57	peak
2	5402.400	38.56	6.86	45.42	54.00	-8.58	AVG
3	5406.400	50.71	6.87	57.58	74.00	-16.42	peak
4	5406.400	38.75	6.87	45.62	54.00	-8.38	AVG
5	5416.800	50.75	6.91	57.66	74.00	-16.34	peak
6	5416.800	39.19	6.91	46.10	54.00	-7.90	AVG
7	5442.000	51.98	6.97	58.95	74.00	-15.05	peak
8	5442.000	39.10	6.97	46.07	54.00	-7.93	AVG
9	5460.000	49.11	7.00	56.11	74.00	-17.89	peak
10	5460.000	39.18	7.00	46.18	54.00	-7.82	AVG
11	5470.000	48.67	7.03	55.70	68.20	-12.50	peak
12	5555.200	110.32	7.21	117.53	---	---	peak
13	5725.000	48.17	7.57	55.74	68.20	-12.46	peak

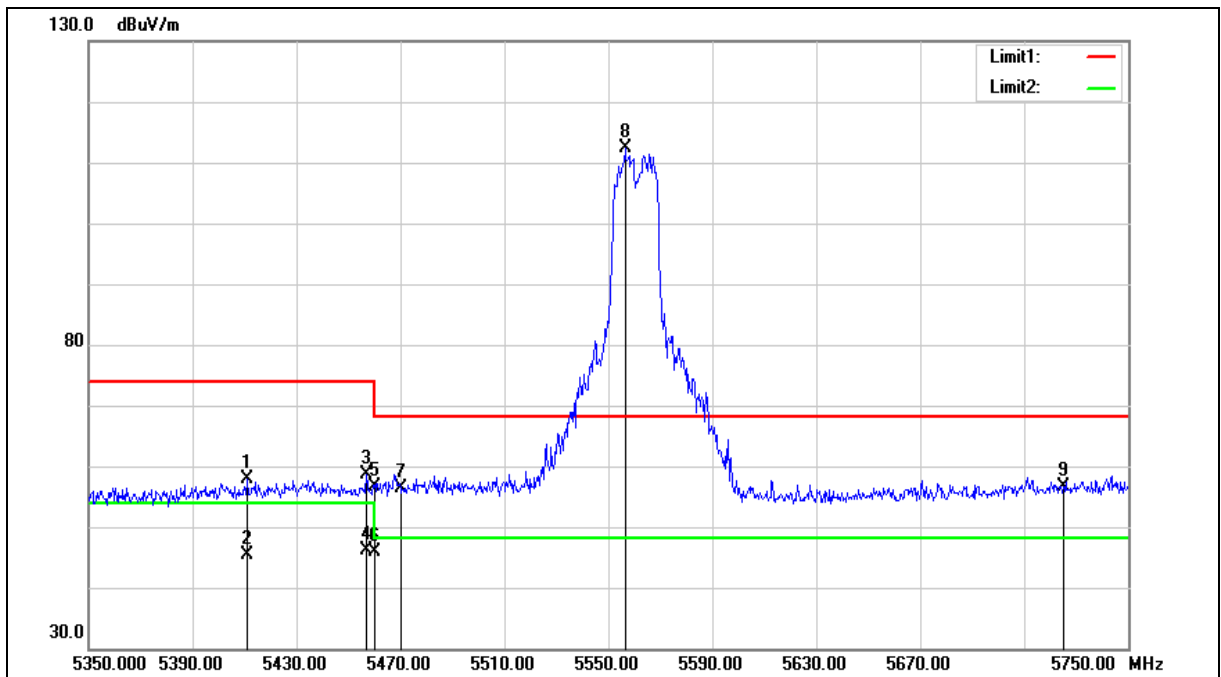
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5560 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:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

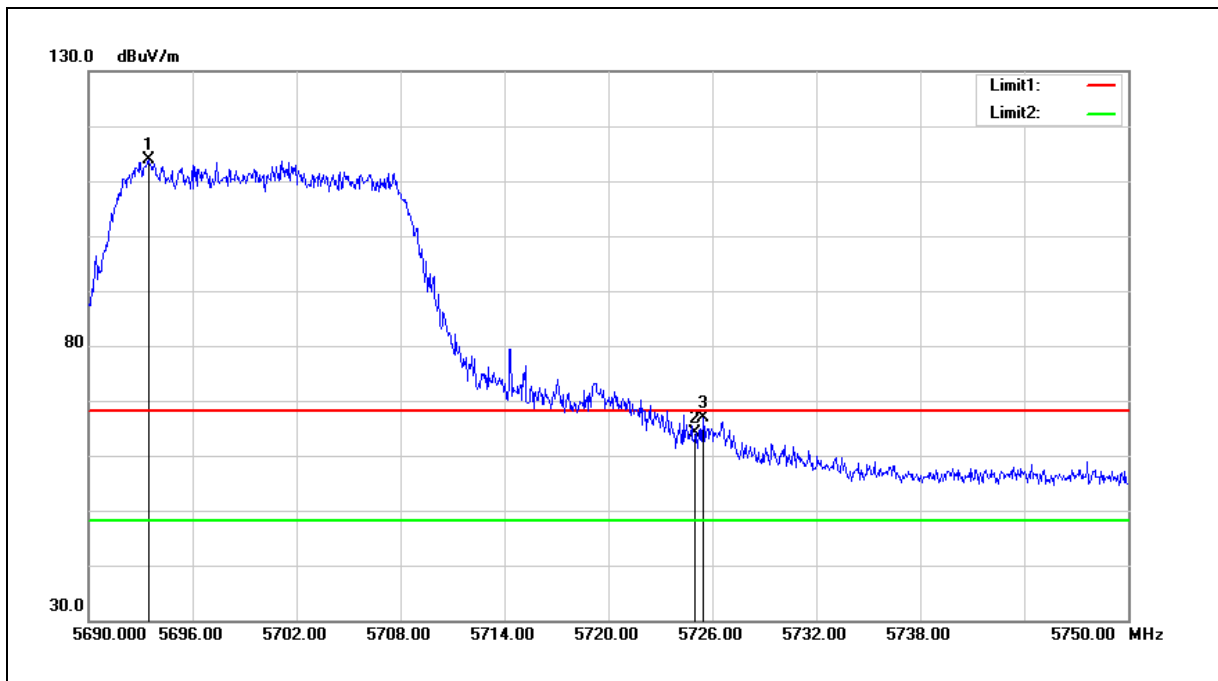
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5411.200	50.94	6.88	57.82	74.00	-16.18	peak
2	5411.200	38.61	6.88	45.49	54.00	-8.51	AVG
3	5456.800	51.67	7.00	58.67	74.00	-15.33	peak
4	5456.800	39.16	7.00	46.16	54.00	-7.84	AVG
5	5460.000	49.68	7.00	56.68	74.00	-17.32	peak
6	5460.000	38.96	7.00	45.96	54.00	-8.04	AVG
7	5470.000	49.35	7.03	56.38	68.20	-11.82	peak
8	5556.400	105.27	7.21	112.48	---	---	peak
9	5725.000	49.09	7.57	56.66	68.20	-11.54	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	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	5693.480	106.39	7.51	113.90	---	---	peak
2	5725.000	56.50	7.57	64.07	68.20	-4.13	peak
3	5725.460	59.34	7.57	66.91	68.20	-1.29	peak

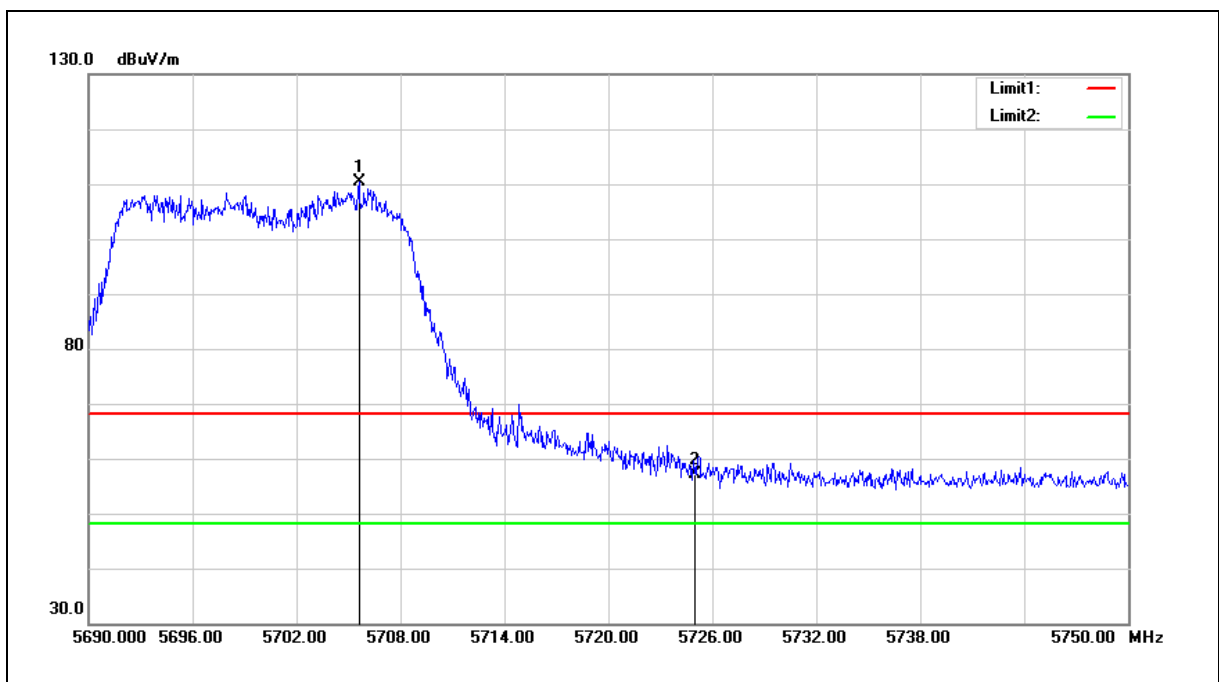
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	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	5705.600	102.74	7.53	110.27	---	---	peak
2	5725.000	49.67	7.57	57.24	68.20	-10.96	peak

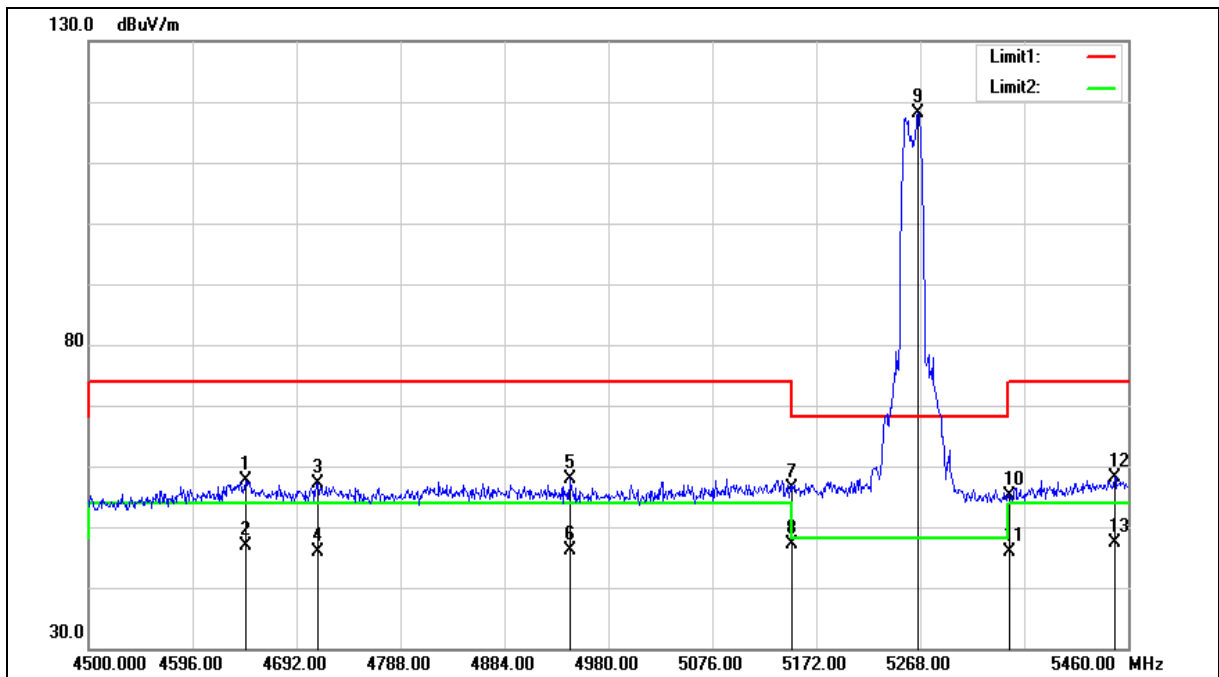
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5260 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:	5260 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	4644.960	52.32	5.24	57.56	74.00	-16.44	peak
2	4644.960	41.63	5.24	46.87	54.00	-7.13	AVG
3	4712.160	51.84	5.36	57.20	74.00	-16.80	peak
4	4712.160	40.52	5.36	45.88	54.00	-8.12	AVG
5	4944.480	52.06	5.80	57.86	74.00	-16.14	peak
6	4944.480	40.36	5.80	46.16	54.00	-7.84	AVG
7	5150.000	50.04	6.27	56.31	74.00	-17.69	peak
8	5150.000	40.76	6.27	47.03	54.00	-6.97	AVG
9	5266.080	111.68	6.55	118.23	---	---	peak
10	5350.000	48.33	6.74	55.07	74.00	-18.93	peak
11	5350.000	39.11	6.74	45.85	54.00	-8.15	AVG
12	5447.520	51.07	6.98	58.05	74.00	-15.95	peak
13	5447.520	40.41	6.98	47.39	54.00	-6.61	AVG

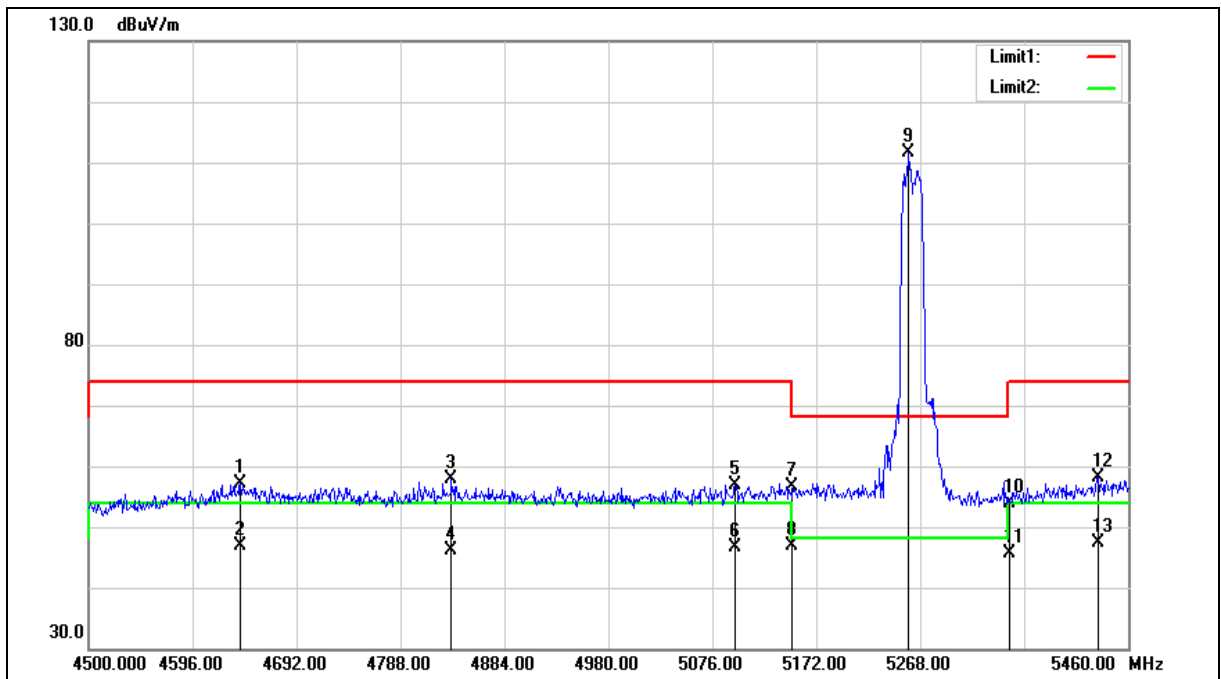
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5260 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:	5260 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	4640.160	51.78	5.23	57.01	74.00	-16.99	peak
2	4640.160	41.65	5.23	46.88	54.00	-7.12	AVG
3	4835.040	52.37	5.60	57.97	74.00	-16.03	peak
4	4835.040	40.63	5.60	46.23	54.00	-7.77	AVG
5	5097.120	50.75	6.15	56.90	74.00	-17.10	peak
6	5097.120	40.48	6.15	46.63	54.00	-7.37	AVG
7	5150.000	50.34	6.27	56.61	74.00	-17.39	peak
8	5150.000	40.51	6.27	46.78	54.00	-7.22	AVG
9	5257.440	105.21	6.52	111.73	---	---	peak
10	5350.000	47.25	6.74	53.99	74.00	-20.01	peak
11	5350.000	38.85	6.74	45.59	54.00	-8.41	AVG
12	5432.160	51.20	6.94	58.14	74.00	-15.86	peak
13	5432.160	40.45	6.94	47.39	54.00	-6.61	AVG

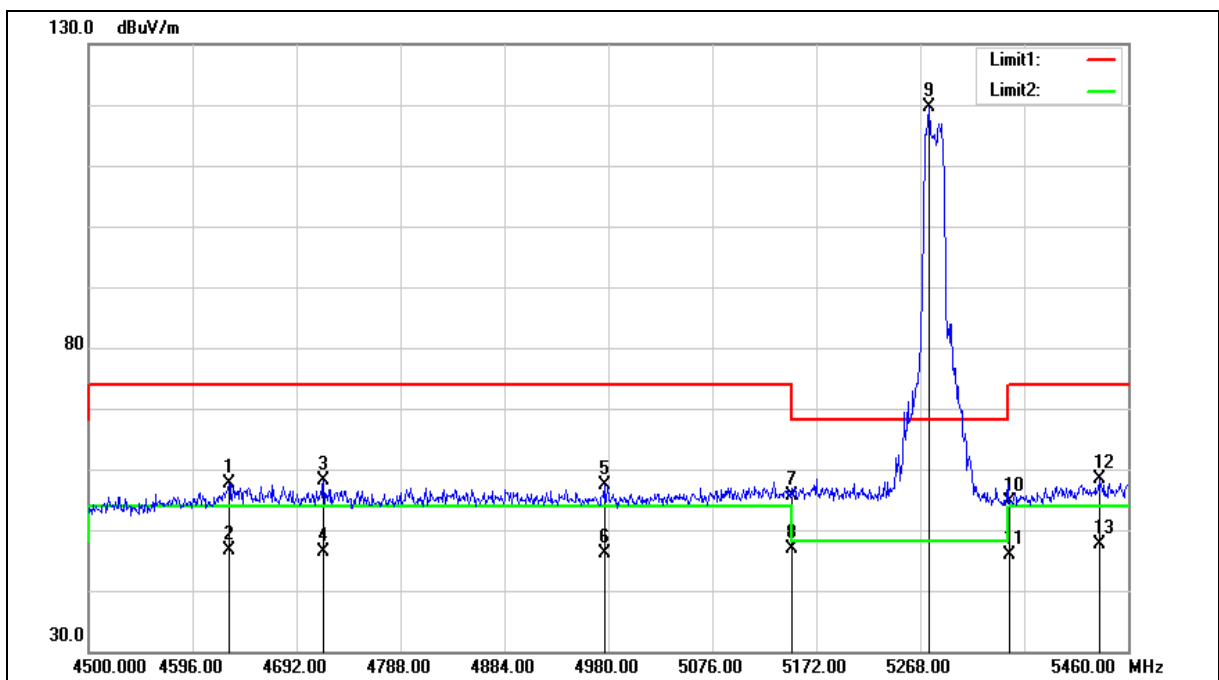
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5280 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:	5280 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	4629.600	52.46	5.20	57.66	74.00	-16.34	peak
2	4629.600	41.32	5.20	46.52	54.00	-7.48	AVG
3	4716.960	52.81	5.37	58.18	74.00	-15.82	peak
4	4716.960	40.89	5.37	46.26	54.00	-7.74	AVG
5	4976.160	51.55	5.87	57.42	74.00	-16.58	peak
6	4976.160	40.17	5.87	46.04	54.00	-7.96	AVG
7	5150.000	49.46	6.27	55.73	74.00	-18.27	peak
8	5150.000	40.50	6.27	46.77	54.00	-7.23	AVG
9	5276.640	113.07	6.57	119.64	---	---	peak
10	5350.000	47.87	6.74	54.61	74.00	-19.39	peak
11	5350.000	39.11	6.74	45.85	54.00	-8.15	AVG
12	5433.120	51.48	6.94	58.42	74.00	-15.58	peak
13	5433.120	40.63	6.94	47.57	54.00	-6.43	AVG

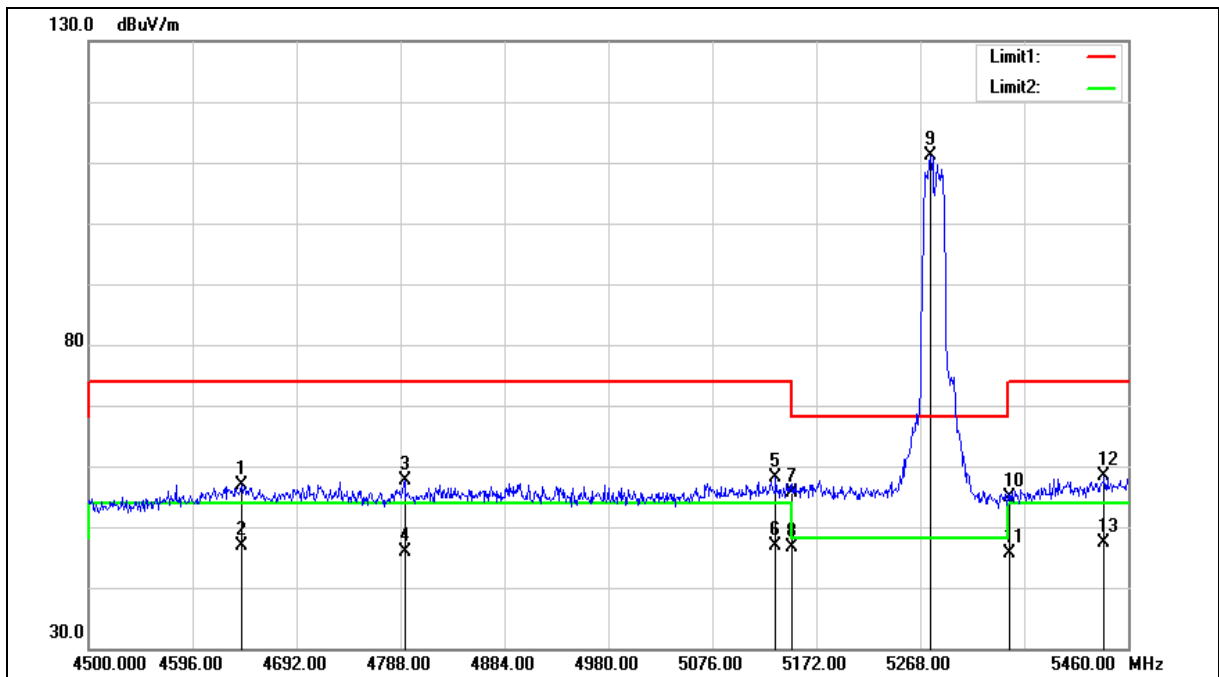
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5280 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:	5280 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	4641.120	51.76	5.23	56.99	74.00	-17.01	peak
2	4641.120	41.68	5.23	46.91	54.00	-7.09	AVG
3	4791.840	52.01	5.51	57.52	74.00	-16.48	peak
4	4791.840	40.41	5.51	45.92	54.00	-8.08	AVG
5	5134.560	51.97	6.23	58.20	74.00	-15.80	peak
6	5134.560	40.54	6.23	46.77	54.00	-7.23	AVG
7	5150.000	49.34	6.27	55.61	74.00	-18.39	peak
8	5150.000	40.45	6.27	46.72	54.00	-7.28	AVG
9	5277.600	104.63	6.57	111.20	---	---	peak
10	5350.000	48.08	6.74	54.82	74.00	-19.18	peak
11	5350.000	38.86	6.74	45.60	54.00	-8.40	AVG
12	5437.920	51.53	6.96	58.49	74.00	-15.51	peak
13	5437.920	40.37	6.96	47.33	54.00	-6.67	AVG

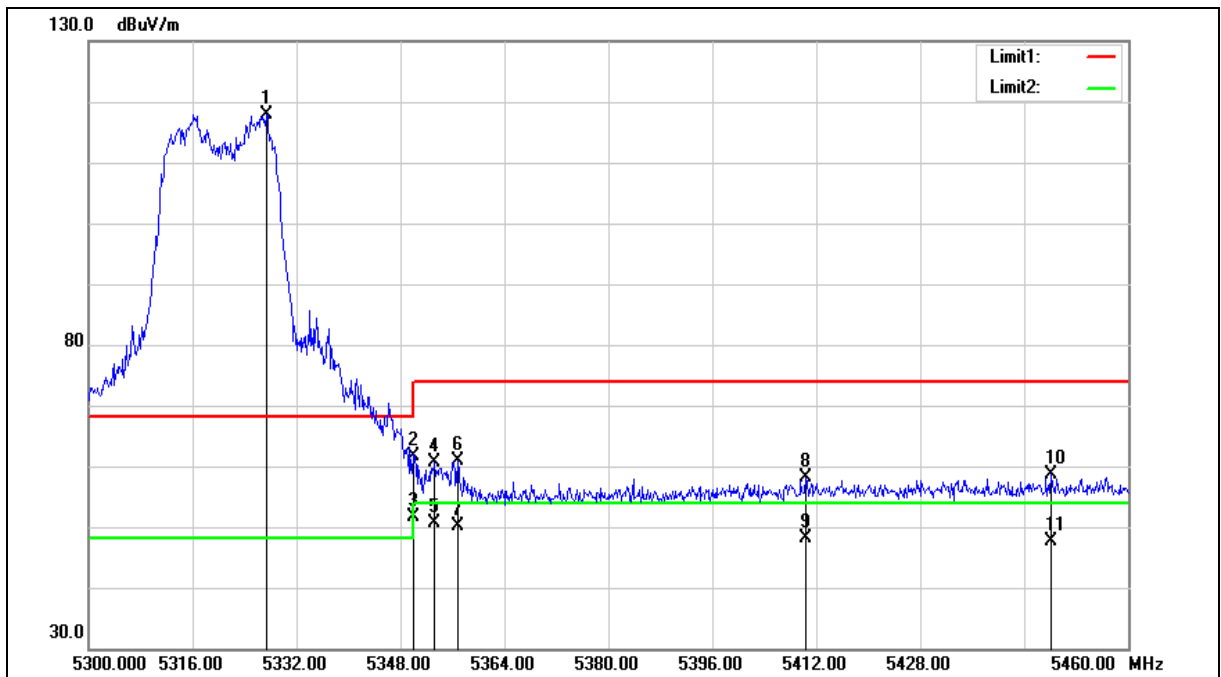
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5320 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:	5320 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	5327.360	111.30	6.69	117.99	---	---	peak
2	5350.000	54.80	6.74	61.54	74.00	-12.46	peak
3	5350.000	44.88	6.74	51.62	54.00	-2.38	AVG
4	5353.280	53.98	6.75	60.73	74.00	-13.27	peak
5	5353.280	43.85	6.75	50.60	54.00	-3.40	AVG
6	5356.800	54.10	6.76	60.86	74.00	-13.14	peak
7	5356.800	43.48	6.76	50.24	54.00	-3.76	AVG
8	5410.400	51.27	6.88	58.15	74.00	-15.85	peak
9	5410.400	41.14	6.88	48.02	54.00	-5.98	AVG
10	5448.160	51.55	6.98	58.53	74.00	-15.47	peak
11	5448.160	40.56	6.98	47.54	54.00	-6.46	AVG

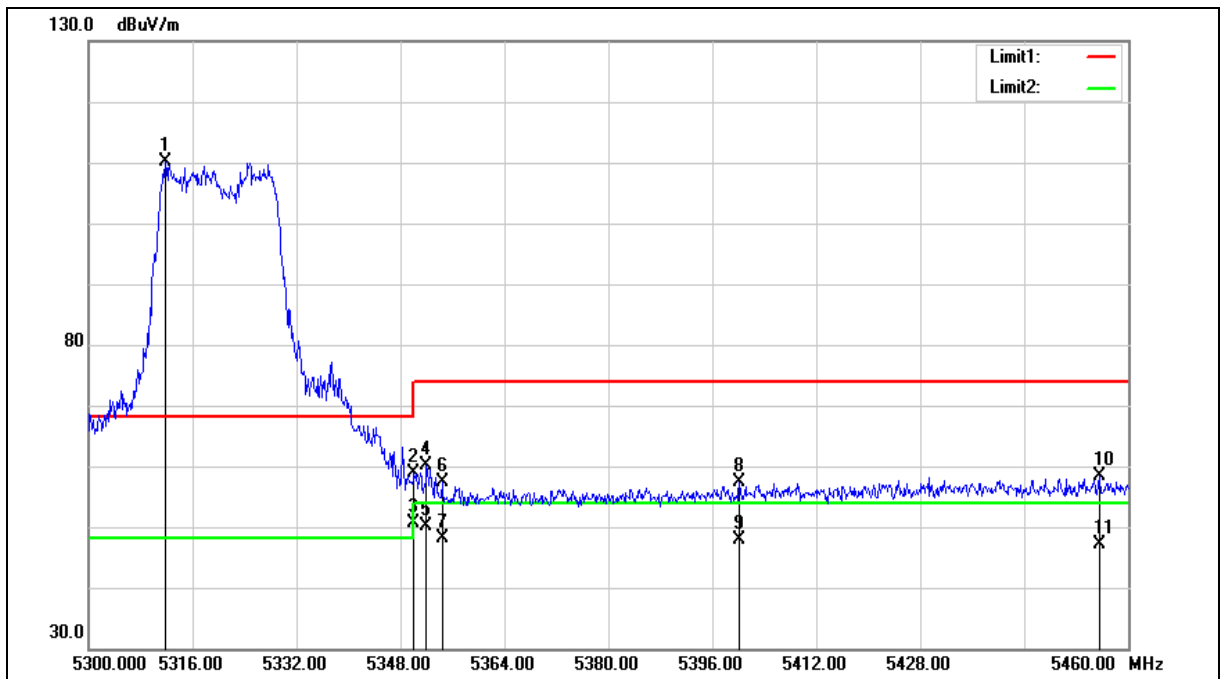
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5320 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:	5320 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	5311.840	103.42	6.65	110.07	---	---	peak
2	5350.000	52.21	6.74	58.95	74.00	-15.05	peak
3	5350.000	43.98	6.74	50.72	54.00	-3.28	AVG
4	5352.000	53.47	6.75	60.22	74.00	-13.78	peak
5	5352.000	43.42	6.75	50.17	54.00	-3.83	AVG
6	5354.400	50.56	6.75	57.31	74.00	-16.69	peak
7	5354.400	41.44	6.75	48.19	54.00	-5.81	AVG
8	5400.160	50.41	6.86	57.27	74.00	-16.73	peak
9	5400.160	41.12	6.86	47.98	54.00	-6.02	AVG
10	5455.520	51.38	6.99	58.37	74.00	-15.63	peak
11	5455.520	40.26	6.99	47.25	54.00	-6.75	AVG

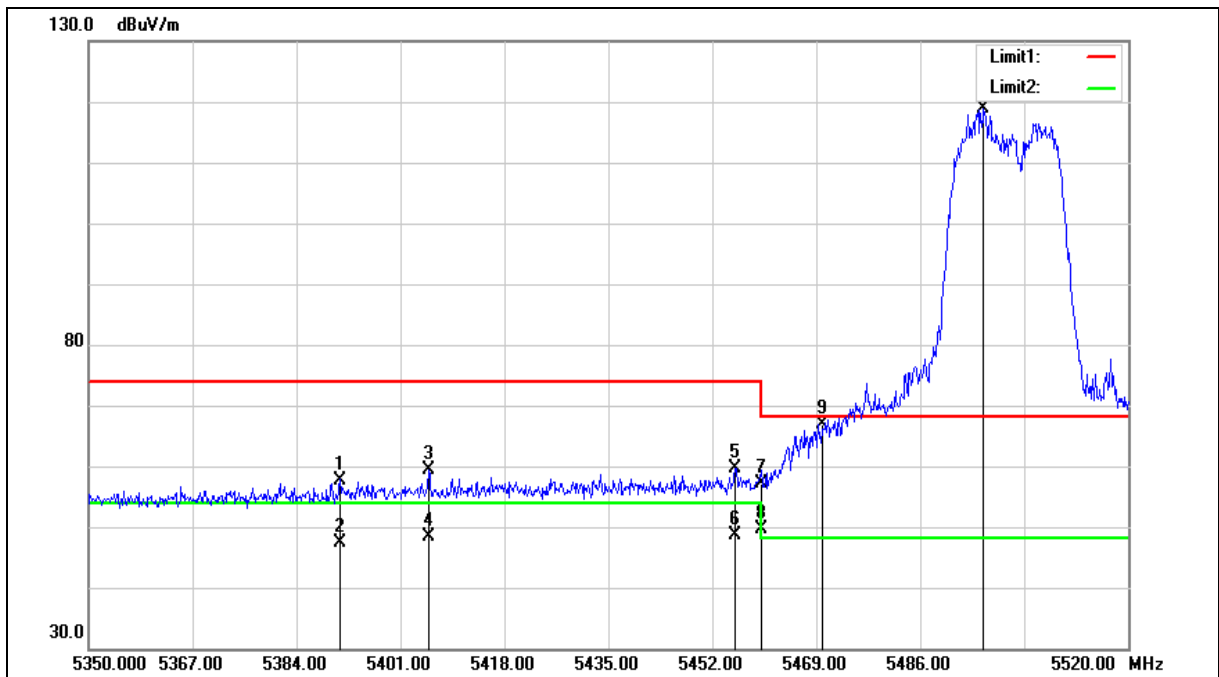
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5500 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:	5500 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	5391.140	50.91	6.84	57.75	74.00	-16.25	peak
2	5391.140	40.46	6.84	47.30	54.00	-6.70	AVG
3	5405.590	52.41	6.87	59.28	74.00	-14.72	peak
4	5405.590	41.53	6.87	48.40	54.00	-5.60	AVG
5	5455.740	52.69	7.00	59.69	74.00	-14.31	peak
6	5455.740	41.73	7.00	48.73	54.00	-5.27	AVG
7	5460.000	50.01	7.00	57.01	74.00	-16.99	peak
8	5460.000	42.68	7.00	49.68	54.00	-4.32	AVG
9	5470.000	59.92	7.03	66.95	68.20	-1.25	peak
10	5496.370	111.72	7.09	118.81	---	---	peak

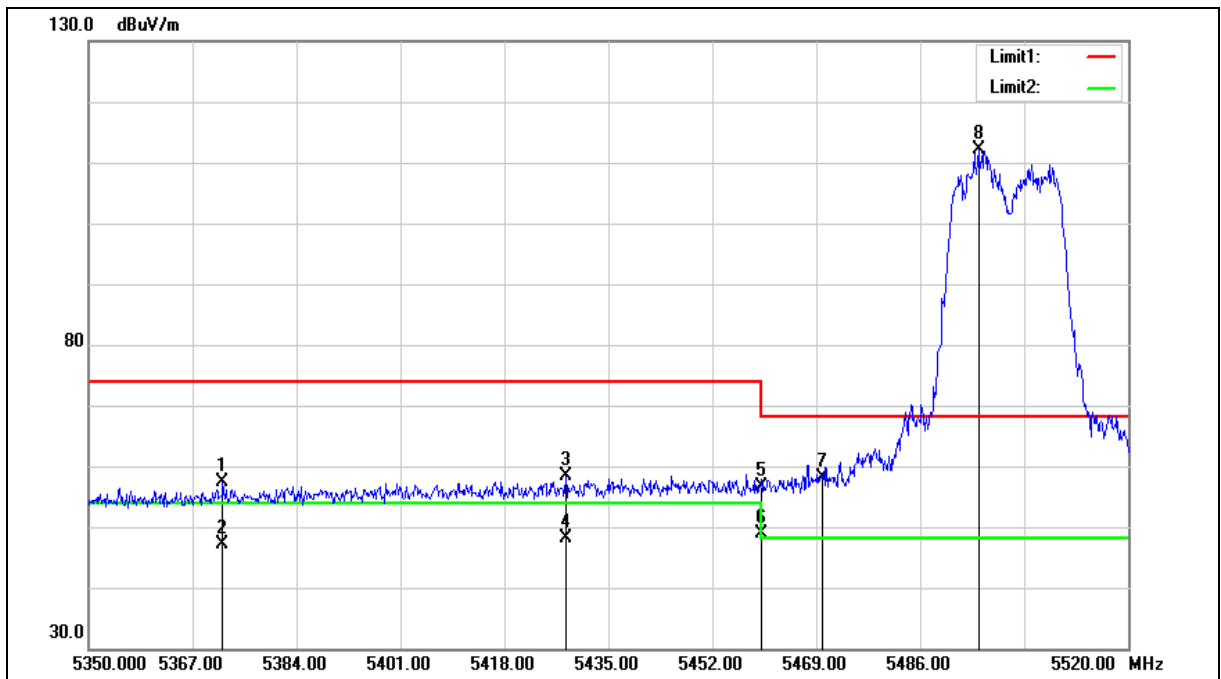
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5500 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:	5500 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	5371.930	50.50	6.79	57.29	74.00	-16.71	peak
2	5371.930	40.40	6.79	47.19	54.00	-6.81	AVG
3	5428.030	51.55	6.93	58.48	74.00	-15.52	peak
4	5428.030	41.27	6.93	48.20	54.00	-5.80	AVG
5	5460.000	49.62	7.00	56.62	74.00	-17.38	peak
6	5460.000	41.88	7.00	48.88	54.00	-5.12	AVG
7	5470.000	51.01	7.03	58.04	68.20	-10.16	peak
8	5495.520	104.94	7.09	112.03	---	---	peak

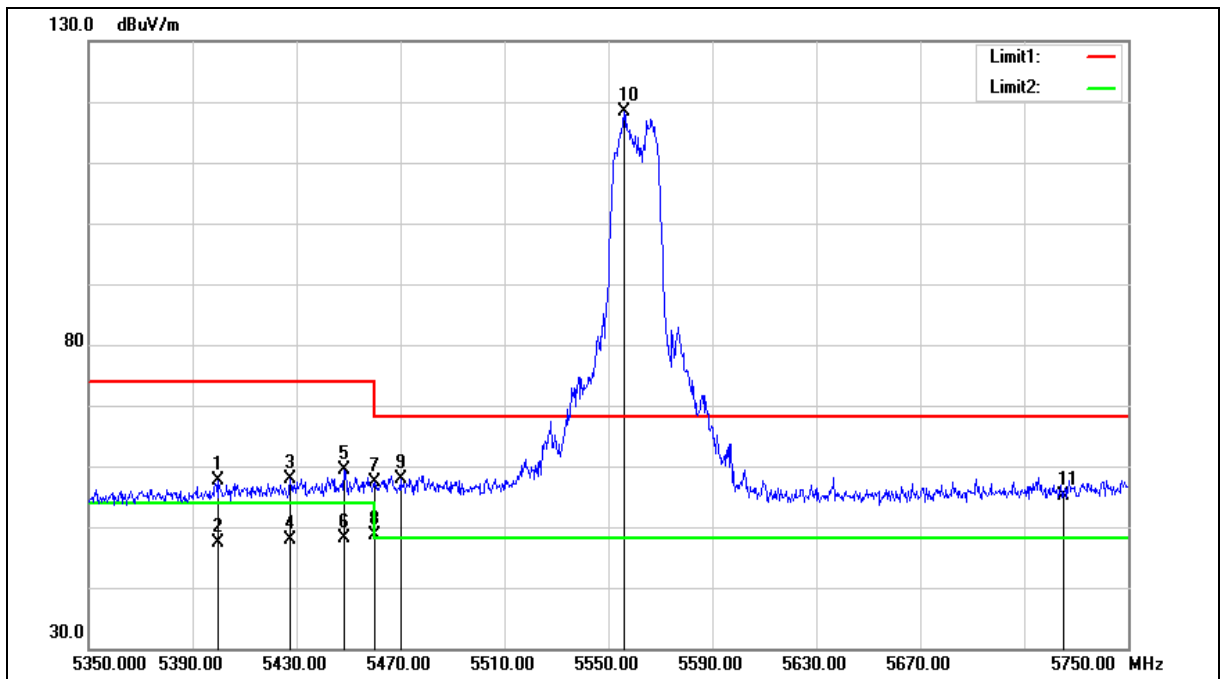
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5560 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:	5560 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	5400.000	50.76	6.86	57.62	74.00	-16.38	peak
2	5400.000	40.49	6.86	47.35	54.00	-6.65	AVG
3	5427.600	50.98	6.93	57.91	74.00	-16.09	peak
4	5427.600	40.97	6.93	47.90	54.00	-6.10	AVG
5	5448.400	52.45	6.98	59.43	74.00	-14.57	peak
6	5448.400	41.14	6.98	48.12	54.00	-5.88	AVG
7	5460.000	50.34	7.00	57.34	74.00	-16.66	peak
8	5460.000	41.51	7.00	48.51	54.00	-5.49	AVG
9	5470.000	50.88	7.03	57.91	68.20	-10.29	peak
10	5556.000	111.19	7.21	118.40	---	---	peak
11	5725.000	47.60	7.57	55.17	68.20	-13.03	peak

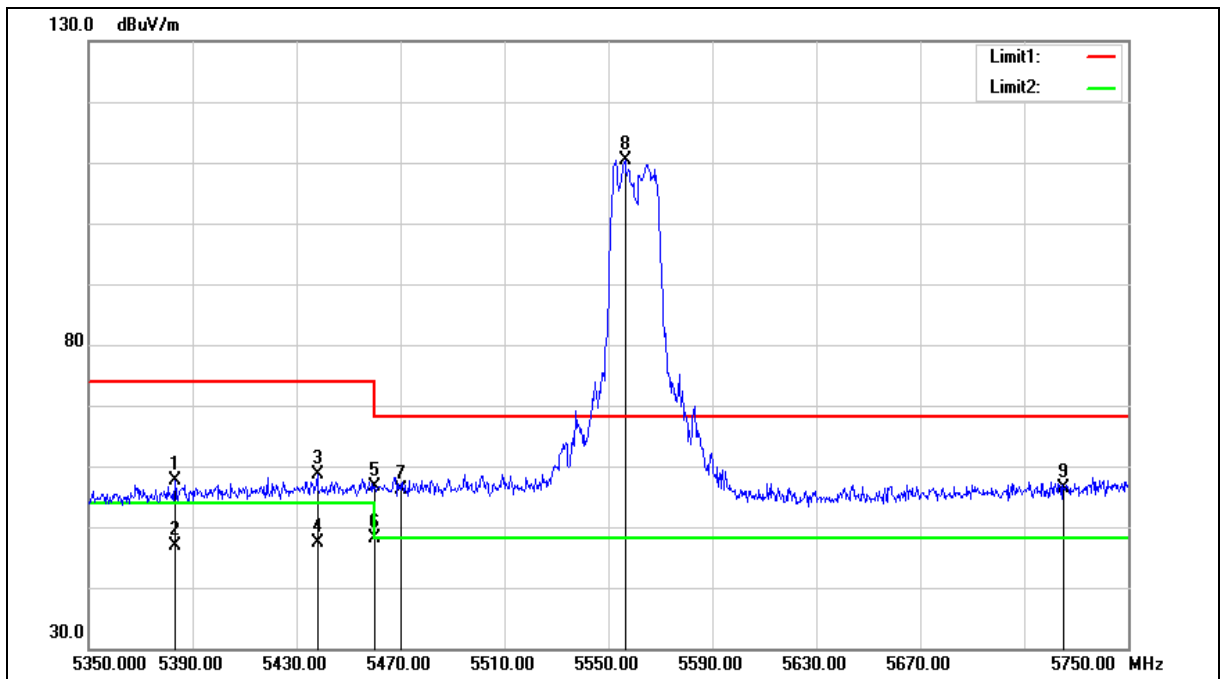
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5560 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:	5560 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	5383.200	50.77	6.82	57.59	74.00	-16.41	peak
2	5383.200	40.18	6.82	47.00	54.00	-7.00	AVG
3	5438.000	51.67	6.96	58.63	74.00	-15.37	peak
4	5438.000	40.30	6.96	47.26	54.00	-6.74	AVG
5	5460.000	49.69	7.00	56.69	74.00	-17.31	peak
6	5460.000	41.01	7.00	48.01	54.00	-5.99	AVG
7	5470.000	49.02	7.03	56.05	68.20	-12.15	peak
8	5556.400	103.08	7.21	110.29	---	---	peak
9	5725.000	48.76	7.57	56.33	68.20	-11.87	peak

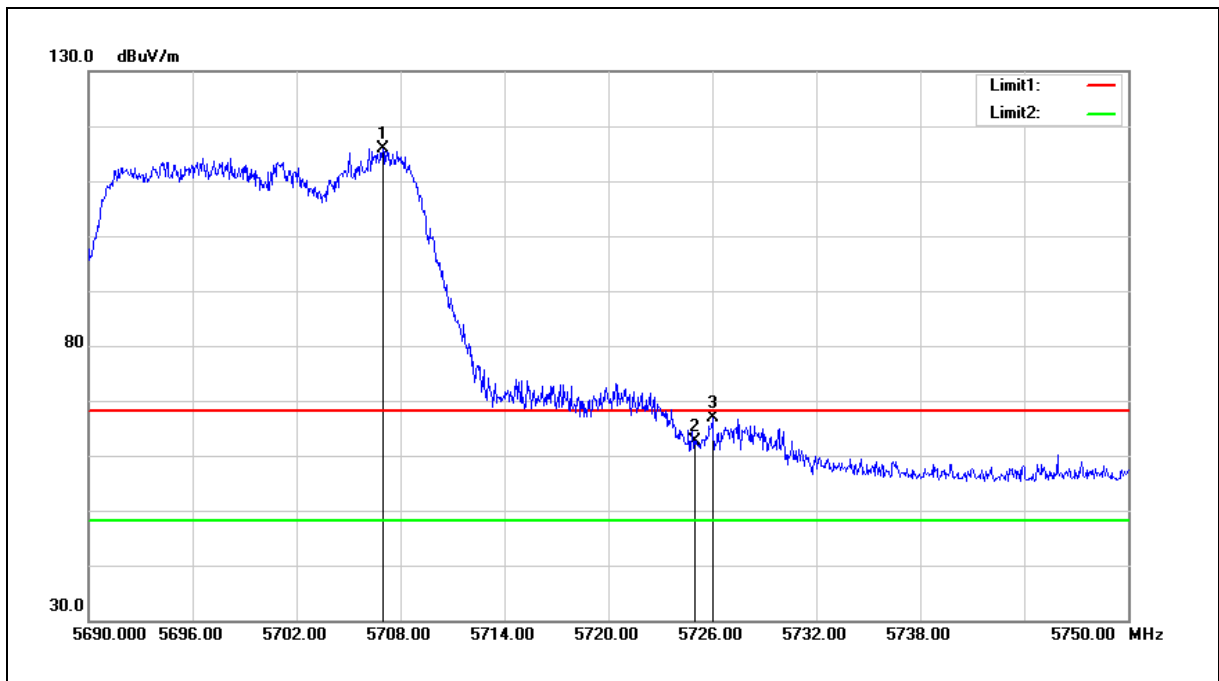
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



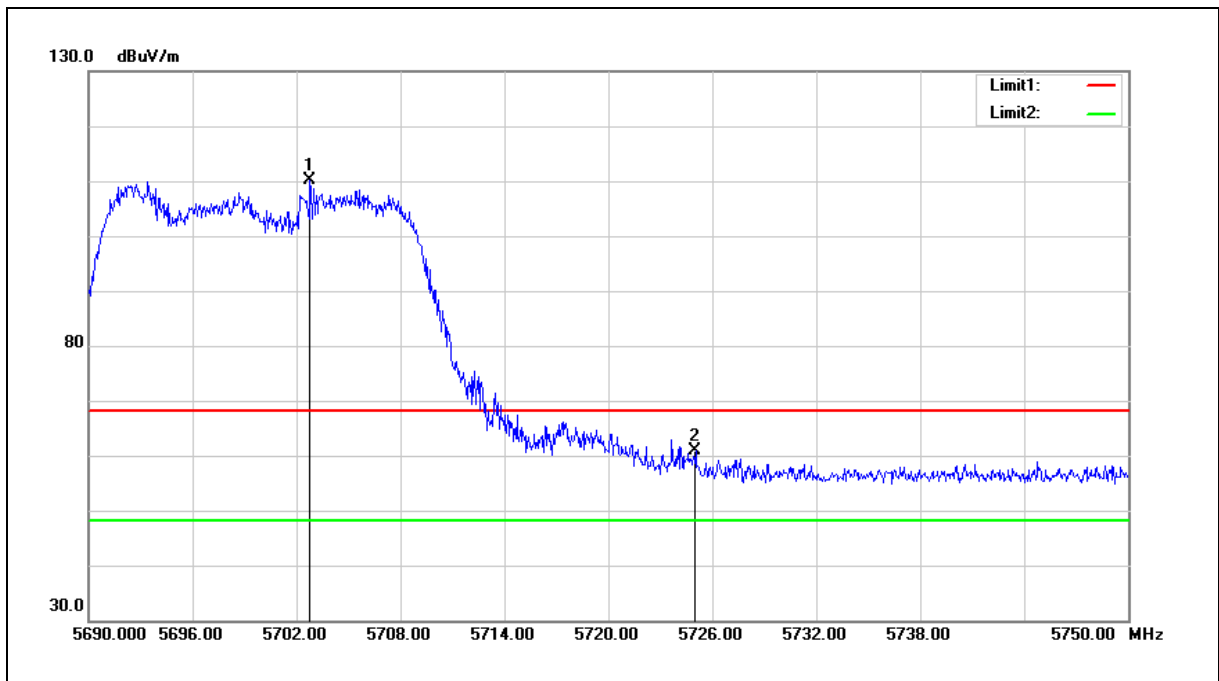
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5706.980	108.25	7.53	115.78	---	---	peak
2	5725.000	55.01	7.57	62.58	68.20	-5.62	peak
3	5726.000	59.28	7.57	66.85	68.20	-1.35	peak

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:	5700 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	5702.780	102.72	7.52	110.24	---	---	peak
2	5725.000	53.33	7.57	60.90	68.20	-7.30	peak

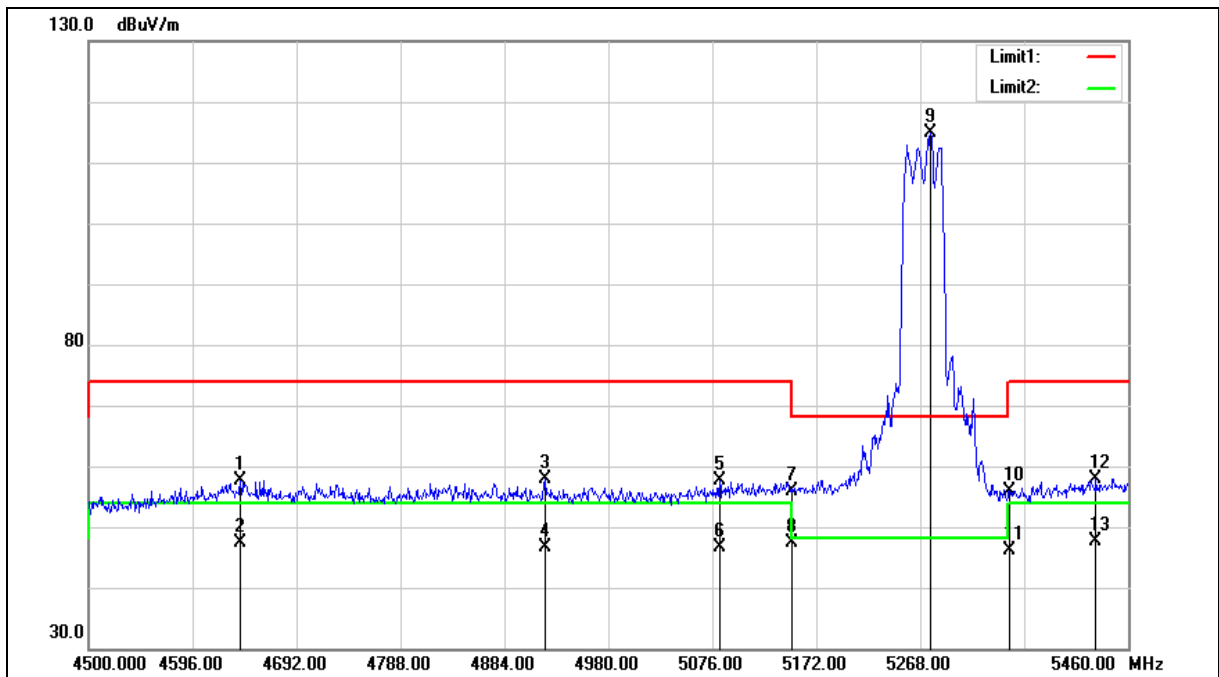
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4640.160	52.45	5.23	57.68	74.00	-16.32	peak
2	4640.160	42.18	5.23	47.41	54.00	-6.59	AVG
3	4921.440	52.07	5.76	57.83	74.00	-16.17	peak
4	4921.440	40.84	5.76	46.60	54.00	-7.40	AVG
5	5082.720	51.52	6.10	57.62	74.00	-16.38	peak
6	5082.720	40.59	6.10	46.69	54.00	-7.31	AVG
7	5150.000	49.66	6.27	55.93	74.00	-18.07	peak
8	5150.000	41.02	6.27	47.29	54.00	-6.71	AVG
9	5277.600	108.31	6.57	114.88	---	---	peak
10	5350.000	49.03	6.74	55.77	74.00	-18.23	peak
11	5350.000	39.43	6.74	46.17	54.00	-7.83	AVG
12	5430.240	50.89	6.94	57.83	74.00	-16.17	peak
13	5430.240	40.71	6.94	47.65	54.00	-6.35	AVG

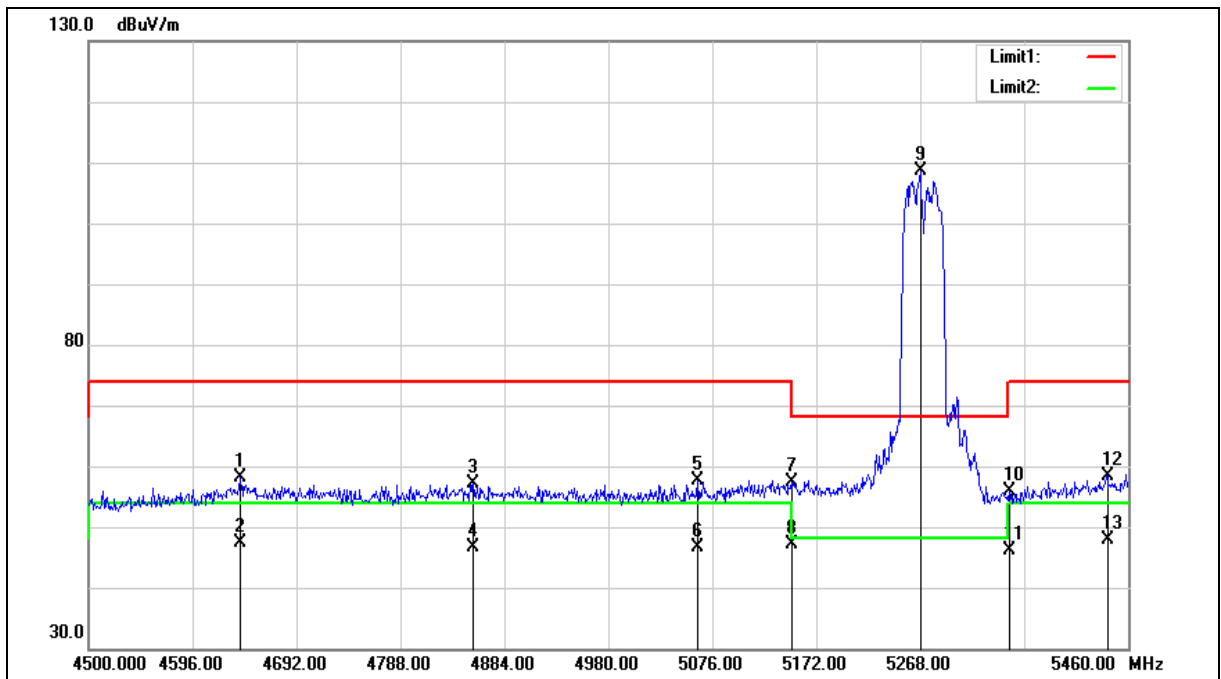
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4640.160	52.79	5.23	58.02	74.00	-15.98	peak
2	4640.160	42.20	5.23	47.43	54.00	-6.57	AVG
3	4855.200	51.40	5.63	57.03	74.00	-16.97	peak
4	4855.200	40.96	5.63	46.59	54.00	-7.41	AVG
5	5062.560	51.50	6.06	57.56	74.00	-16.44	peak
6	5062.560	40.60	6.06	46.66	54.00	-7.34	AVG
7	5150.000	51.06	6.27	57.33	74.00	-16.67	peak
8	5150.000	40.90	6.27	47.17	54.00	-6.83	AVG
9	5268.000	102.04	6.55	108.59	---	---	peak
10	5350.000	49.10	6.74	55.84	74.00	-18.16	peak
11	5350.000	39.29	6.74	46.03	54.00	-7.97	AVG
12	5440.800	51.37	6.97	58.34	74.00	-15.66	peak
13	5440.800	40.96	6.97	47.93	54.00	-6.07	AVG

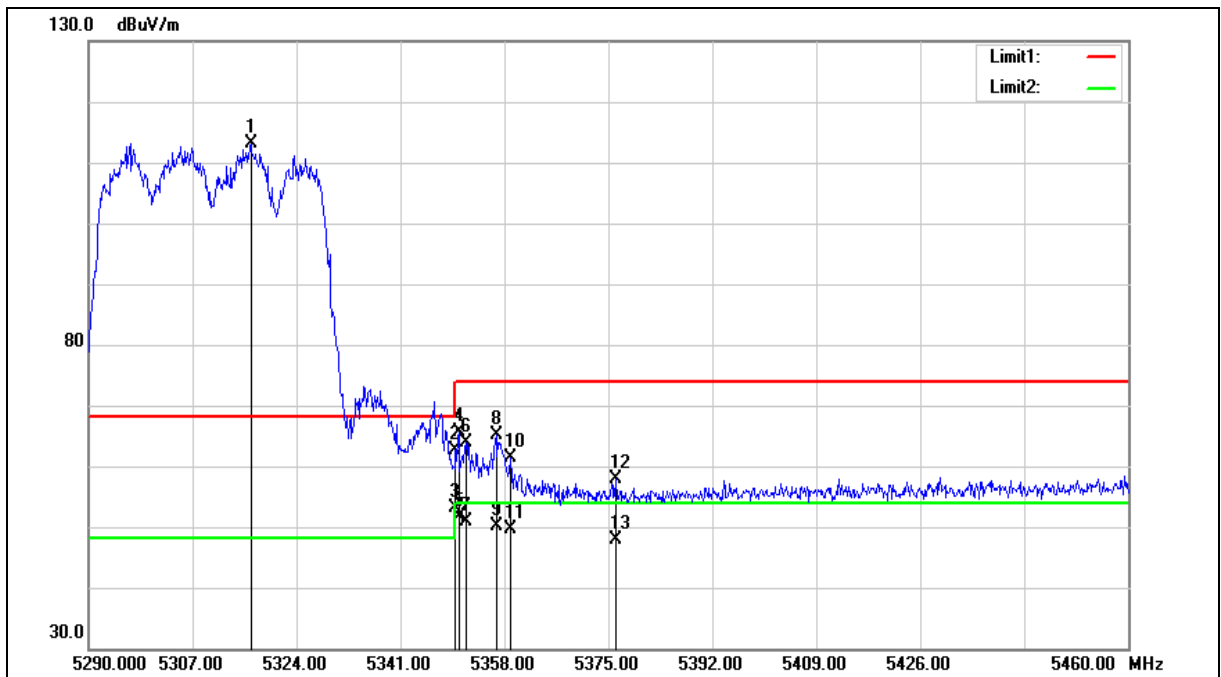
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 6		
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 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5316.520	106.50	6.67	113.17	---	---	peak
2	5350.000	55.81	6.74	62.55	74.00	-11.45	peak
3	5350.000	46.48	6.74	53.22	54.00	-0.78	AVG
4	5350.520	58.89	6.74	65.63	74.00	-8.37	peak
5	5350.520	44.99	6.74	51.73	54.00	-2.27	AVG
6	5351.710	57.11	6.75	63.86	74.00	-10.14	peak
7	5351.710	44.14	6.75	50.89	54.00	-3.11	AVG
8	5356.640	58.37	6.75	65.12	74.00	-8.88	peak
9	5356.640	43.48	6.75	50.23	54.00	-3.77	AVG
10	5359.020	54.74	6.76	61.50	74.00	-12.50	peak
11	5359.020	42.80	6.76	49.56	54.00	-4.44	AVG
12	5376.190	51.01	6.80	57.81	74.00	-16.19	peak
13	5376.190	41.09	6.80	47.89	54.00	-6.11	AVG

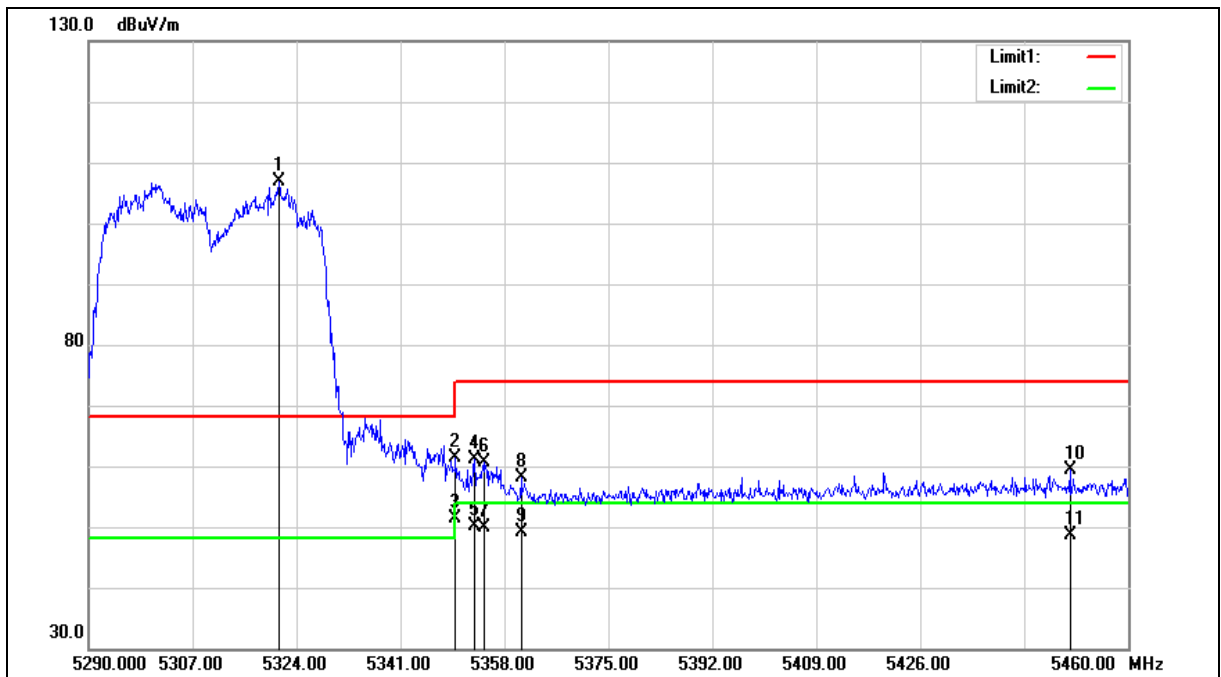
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
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 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.110	100.10	6.68	106.78	---	---	peak
2	5350.000	54.56	6.74	61.30	74.00	-12.70	peak
3	5350.000	44.56	6.74	51.30	54.00	-2.70	AVG
4	5353.070	54.39	6.75	61.14	74.00	-12.86	peak
5	5353.070	43.42	6.75	50.17	54.00	-3.83	AVG
6	5354.770	53.82	6.75	60.57	74.00	-13.43	peak
7	5354.770	43.10	6.75	49.85	54.00	-4.15	AVG
8	5360.720	51.27	6.76	58.03	74.00	-15.97	peak
9	5360.720	42.34	6.76	49.10	54.00	-4.90	AVG
10	5450.480	52.31	6.98	59.29	74.00	-14.71	peak
11	5450.480	41.69	6.98	48.67	54.00	-5.33	AVG

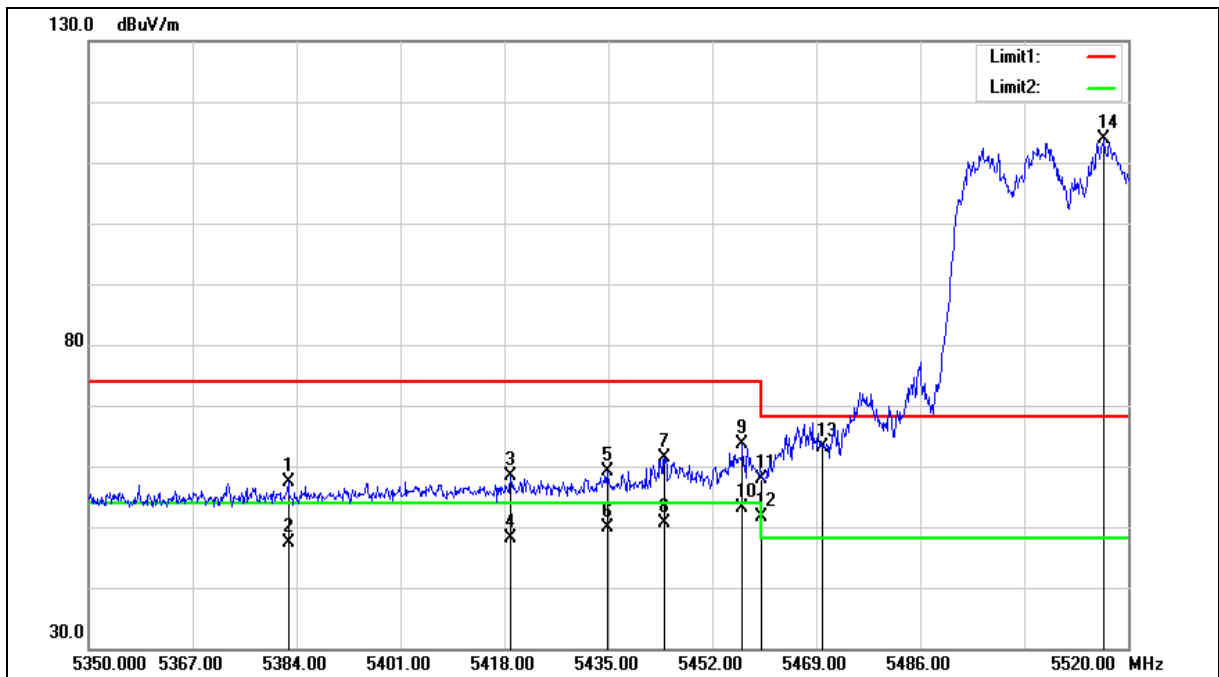
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 6		
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 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5382.640	50.49	6.81	57.30	74.00	-16.70	peak
2	5382.640	40.52	6.81	47.33	54.00	-6.67	AVG
3	5419.020	51.51	6.91	58.42	74.00	-15.58	peak
4	5419.020	41.34	6.91	48.25	54.00	-5.75	AVG
5	5434.830	52.11	6.94	59.05	74.00	-14.95	peak
6	5434.830	42.94	6.94	49.88	54.00	-4.12	AVG
7	5444.180	54.33	6.97	61.30	74.00	-12.70	peak
8	5444.180	43.67	6.97	50.64	54.00	-3.36	AVG
9	5456.930	56.51	7.00	63.51	74.00	-10.49	peak
10	5456.930	46.19	7.00	53.19	54.00	-0.81	AVG
11	5460.000	50.96	7.00	57.96	74.00	-16.04	peak
12	5460.000	44.65	7.00	51.65	54.00	-2.35	AVG
13	5470.000	56.05	7.03	63.08	68.20	-5.12	peak
14	5516.090	106.82	7.14	113.96	---	---	peak

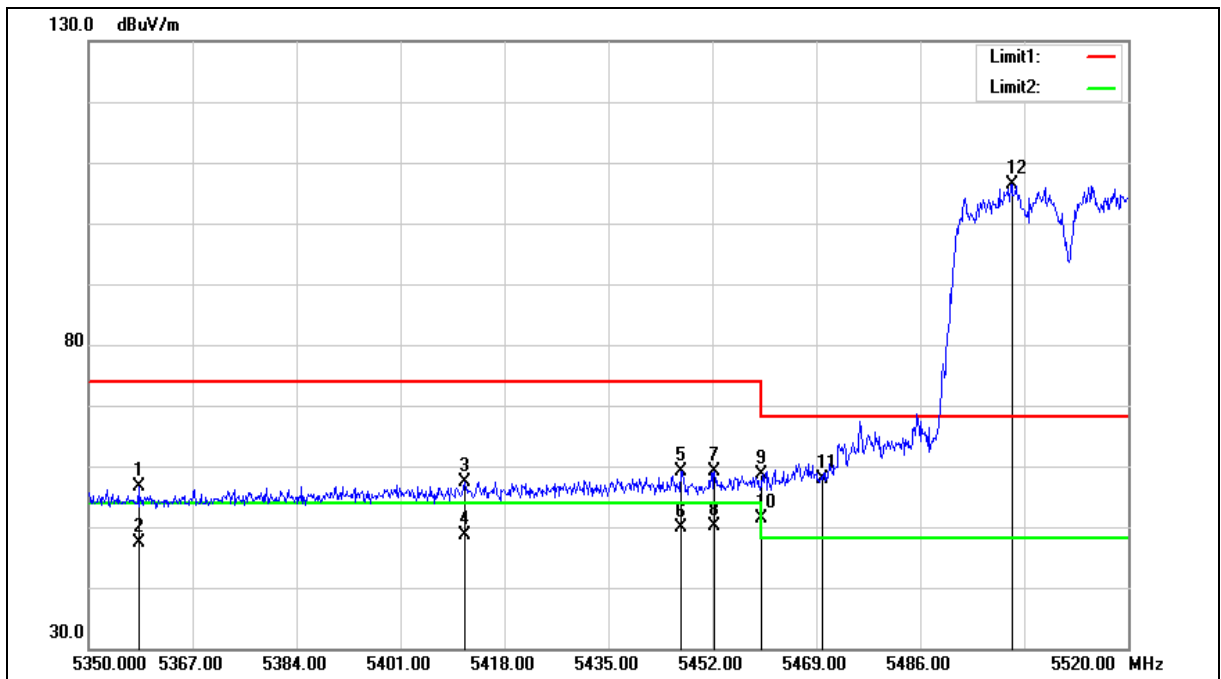
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
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 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5358.160	49.87	6.76	56.63	74.00	-17.37	peak
2	5358.160	40.50	6.76	47.26	54.00	-6.74	AVG
3	5411.540	50.55	6.88	57.43	74.00	-16.57	peak
4	5411.540	41.64	6.88	48.52	54.00	-5.48	AVG
5	5446.900	52.10	6.98	59.08	74.00	-14.92	peak
6	5446.900	42.87	6.98	49.85	54.00	-4.15	AVG
7	5452.340	52.18	6.99	59.17	74.00	-14.83	peak
8	5452.340	43.12	6.99	50.11	54.00	-3.89	AVG
9	5460.000	51.70	7.00	58.70	74.00	-15.30	peak
10	5460.000	44.46	7.00	51.46	54.00	-2.54	AVG
11	5470.000	50.86	7.03	57.89	68.20	-10.31	peak
12	5500.960	99.25	7.10	106.35	---	---	peak

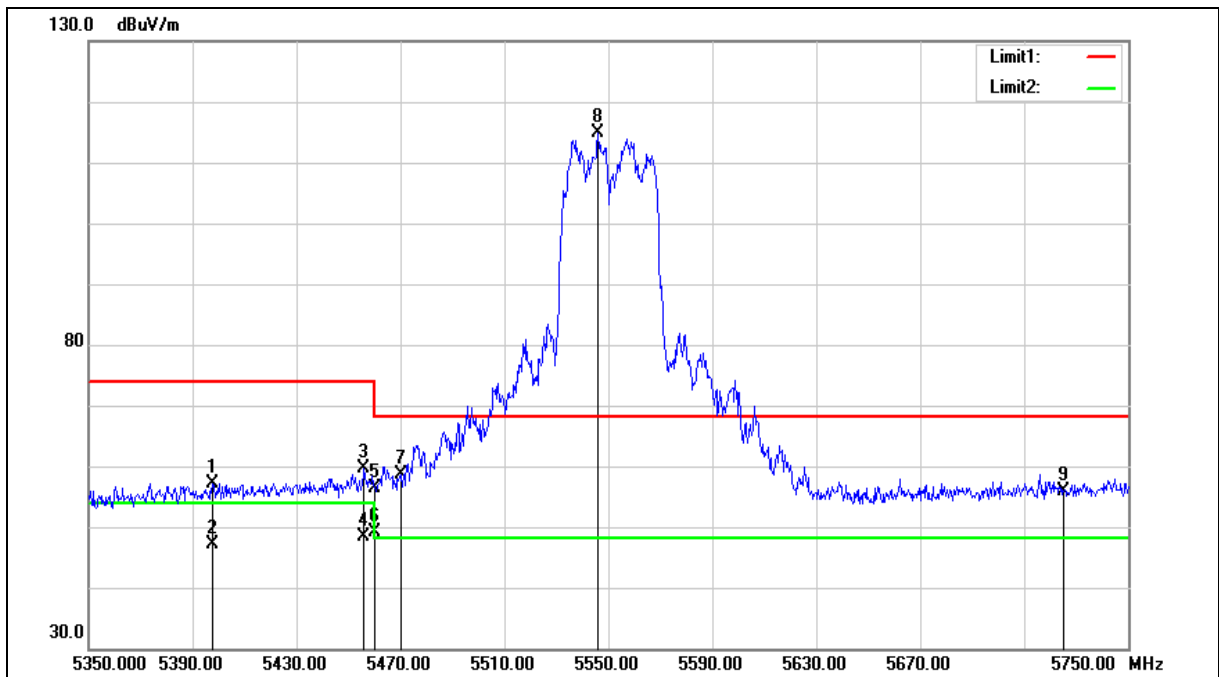
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5397.600	50.30	6.85	57.15	74.00	-16.85	peak
2	5397.600	40.27	6.85	47.12	54.00	-6.88	AVG
3	5456.000	52.51	7.00	59.51	74.00	-14.49	peak
4	5456.000	41.48	7.00	48.48	54.00	-5.52	AVG
5	5460.000	49.39	7.00	56.39	74.00	-17.61	peak
6	5460.000	42.06	7.00	49.06	54.00	-4.94	AVG
7	5470.000	51.64	7.03	58.67	68.20	-9.53	peak
8	5546.000	107.67	7.19	114.86	---	---	peak
9	5725.000	48.42	7.57	55.99	68.20	-12.21	peak

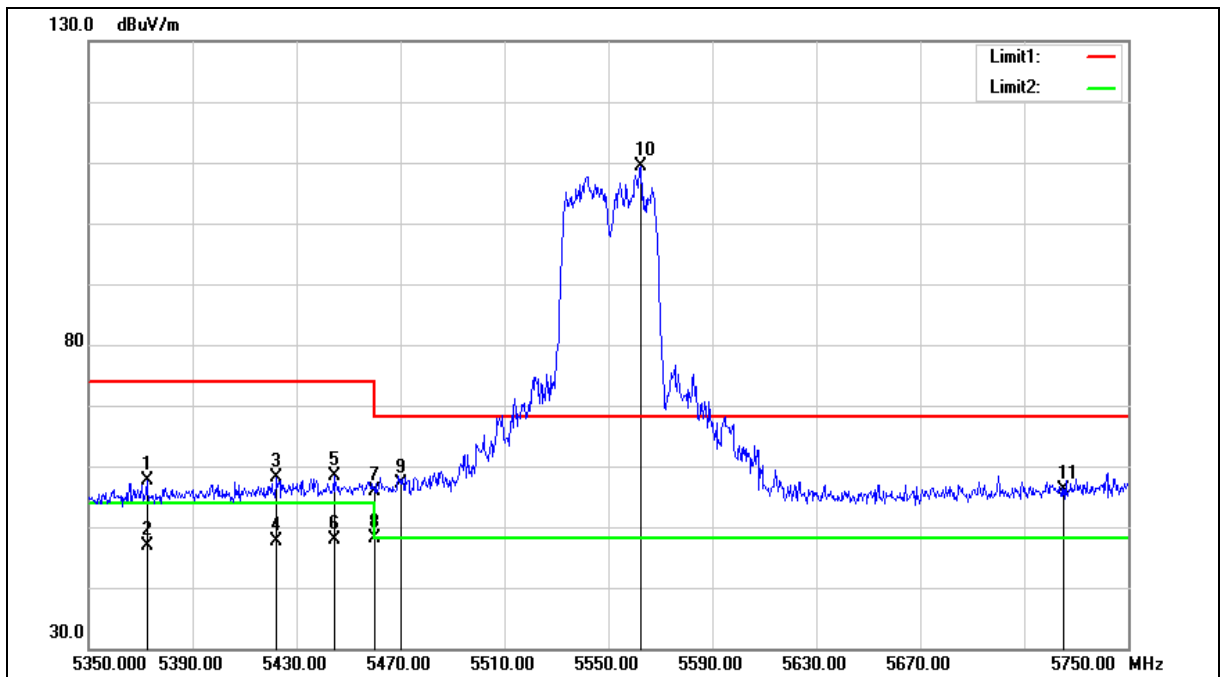
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5372.400	50.83	6.80	57.63	74.00	-16.37	peak
2	5372.400	40.09	6.80	46.89	54.00	-7.11	AVG
3	5422.400	51.12	6.92	58.04	74.00	-15.96	peak
4	5422.400	40.74	6.92	47.66	54.00	-6.34	AVG
5	5444.400	51.30	6.97	58.27	74.00	-15.73	peak
6	5444.400	40.97	6.97	47.94	54.00	-6.06	AVG
7	5460.000	48.84	7.00	55.84	74.00	-18.16	peak
8	5460.000	41.23	7.00	48.23	54.00	-5.77	AVG
9	5470.000	50.15	7.03	57.18	68.20	-11.02	peak
10	5562.400	102.18	7.23	109.41	---	---	peak
11	5725.000	48.63	7.57	56.20	68.20	-12.00	peak

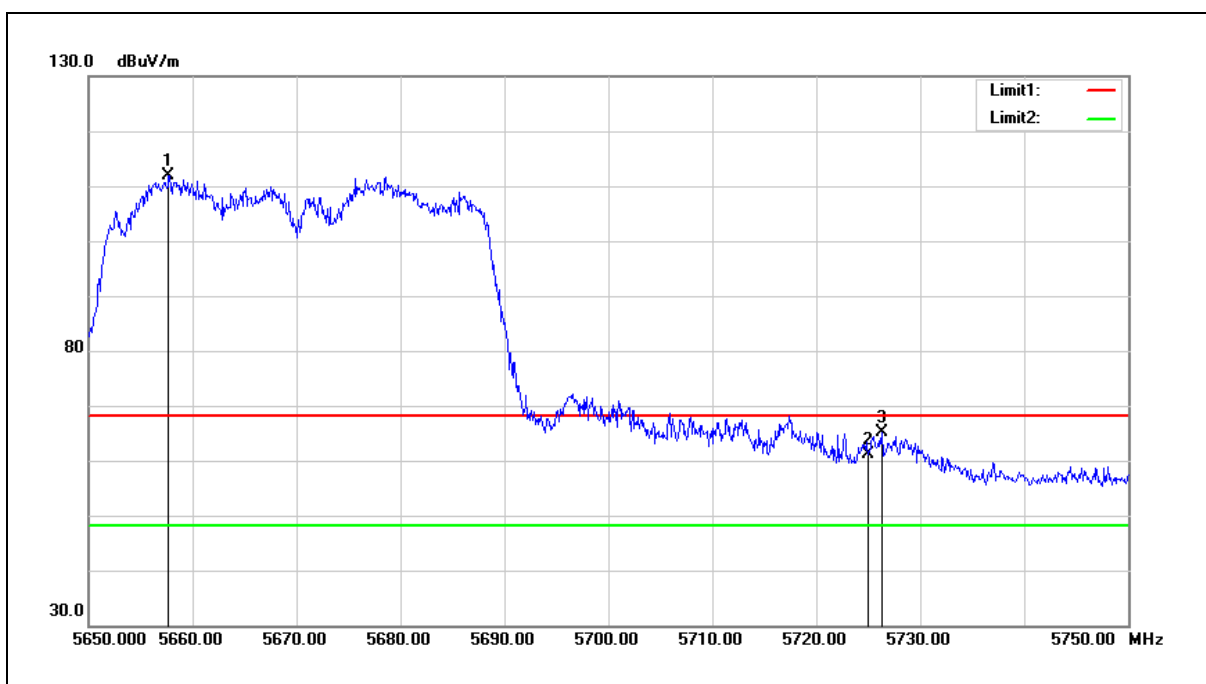
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



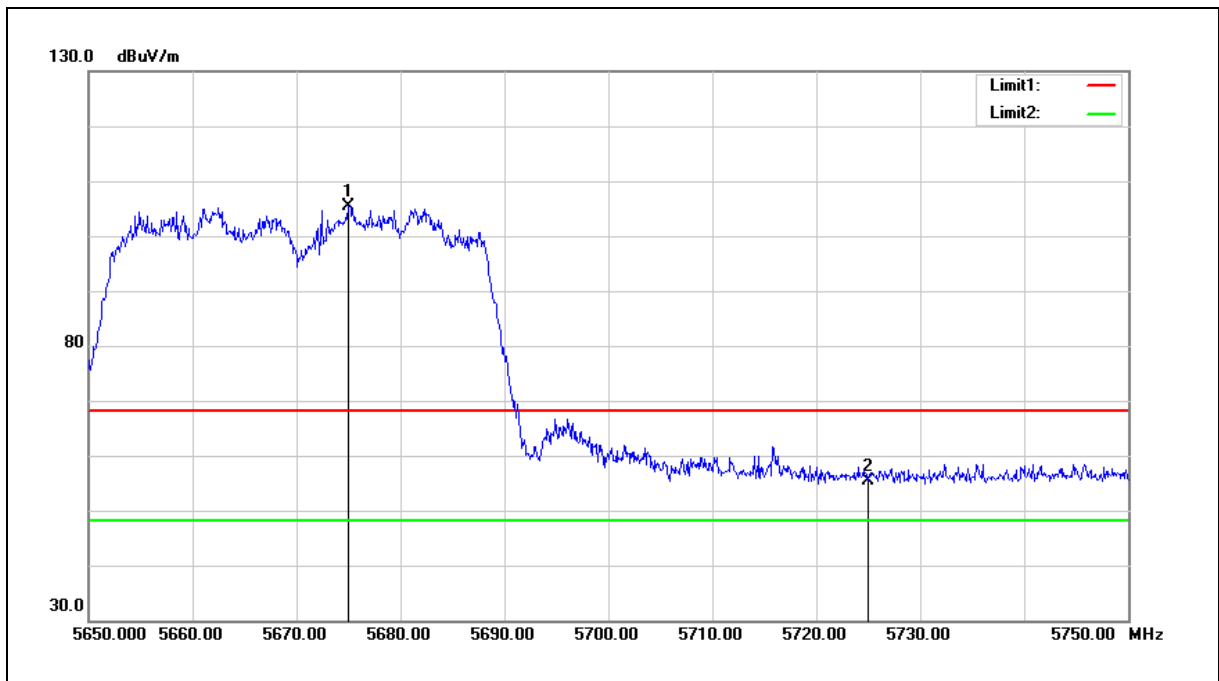
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5657.700	104.38	7.43	111.81	---	---	peak
2	5725.000	53.55	7.57	61.12	68.20	-7.08	peak
3	5726.300	57.57	7.57	65.14	68.20	-3.06	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5675.000	98.01	7.47	105.48	---	---	peak
2	5725.000	47.83	7.57	55.40	68.20	-12.80	peak

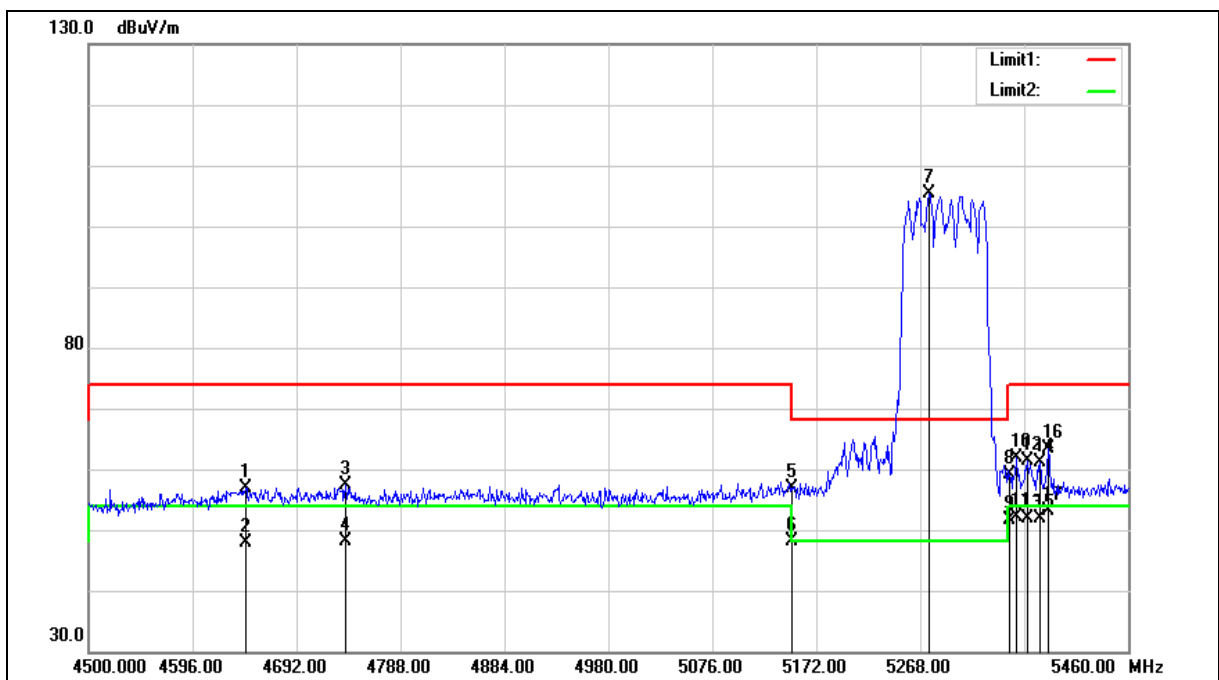
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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 7		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4644.960	51.69	5.24	56.93	74.00	-17.07	peak
2	4644.960	42.56	5.24	47.80	54.00	-6.20	AVG
3	4737.120	52.07	5.40	57.47	74.00	-16.53	peak
4	4737.120	42.62	5.40	48.02	54.00	-5.98	AVG
5	5150.000	50.69	6.27	56.96	74.00	-17.04	peak
6	5150.000	41.89	6.27	48.16	54.00	-5.84	AVG
7	5275.680	98.75	6.57	105.32	---	---	peak
8	5350.000	52.39	6.74	59.13	74.00	-14.87	peak
9	5350.000	44.87	6.74	51.61	54.00	-2.39	AVG
10	5357.280	55.08	6.76	61.84	74.00	-12.16	peak
11	5357.280	45.32	6.76	52.08	54.00	-1.92	AVG
12	5366.880	54.56	6.78	61.34	74.00	-12.66	peak
13	5366.880	45.01	6.78	51.79	54.00	-2.21	AVG
14	5378.400	54.34	6.81	61.15	74.00	-12.85	peak
15	5378.400	45.07	6.81	51.88	54.00	-2.12	AVG
16	5386.080	56.59	6.82	63.41	74.00	-10.59	peak
17	5386.080	46.32	6.82	53.14	54.00	-0.86	AVG

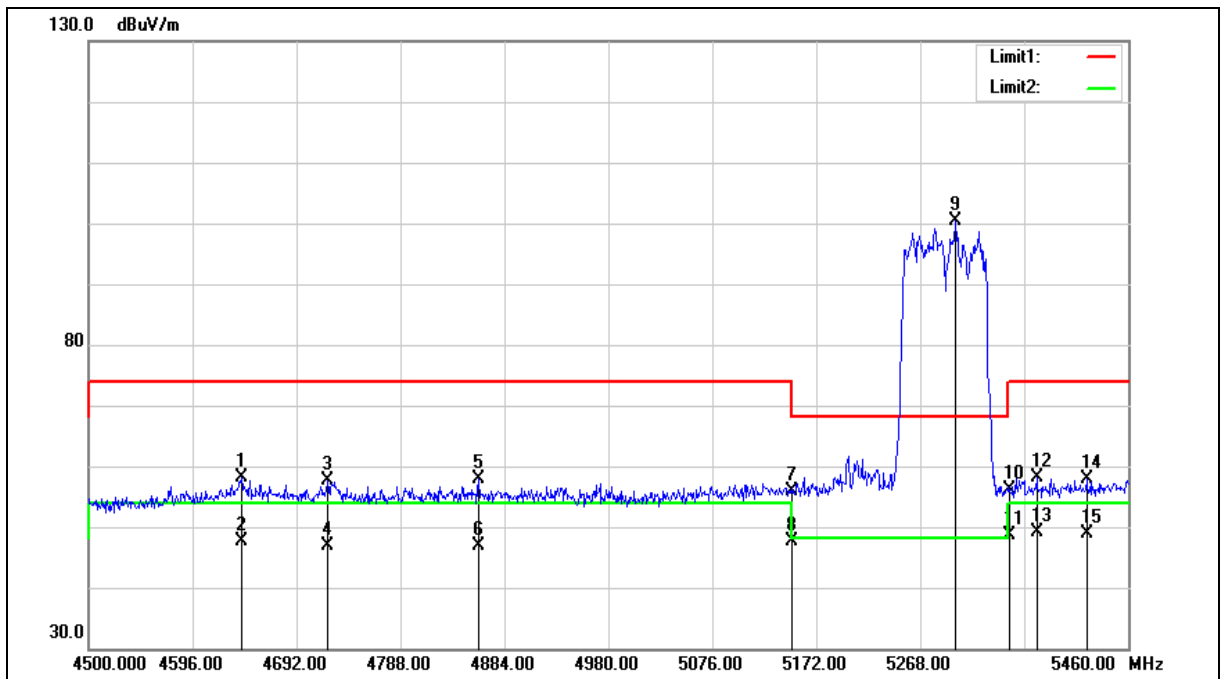
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 7		
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 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4641.120	53.00	5.23	58.23	74.00	-15.77	peak
2	4641.120	42.44	5.23	47.67	54.00	-6.33	AVG
3	4720.800	52.20	5.38	57.58	74.00	-16.42	peak
4	4720.800	41.43	5.38	46.81	54.00	-7.19	AVG
5	4860.000	52.14	5.64	57.78	74.00	-16.22	peak
6	4860.000	41.13	5.64	46.77	54.00	-7.23	AVG
7	5150.000	49.71	6.27	55.98	74.00	-18.02	peak
8	5150.000	41.26	6.27	47.53	54.00	-6.47	AVG
9	5300.640	93.76	6.63	100.39	---	---	peak
10	5350.000	49.49	6.74	56.23	74.00	-17.77	peak
11	5350.000	41.92	6.74	48.66	54.00	-5.34	AVG
12	5375.520	51.40	6.80	58.20	74.00	-15.80	peak
13	5375.520	42.44	6.80	49.24	54.00	-4.76	AVG
14	5421.600	51.06	6.92	57.98	74.00	-16.02	peak
15	5421.600	42.04	6.92	48.96	54.00	-5.04	AVG

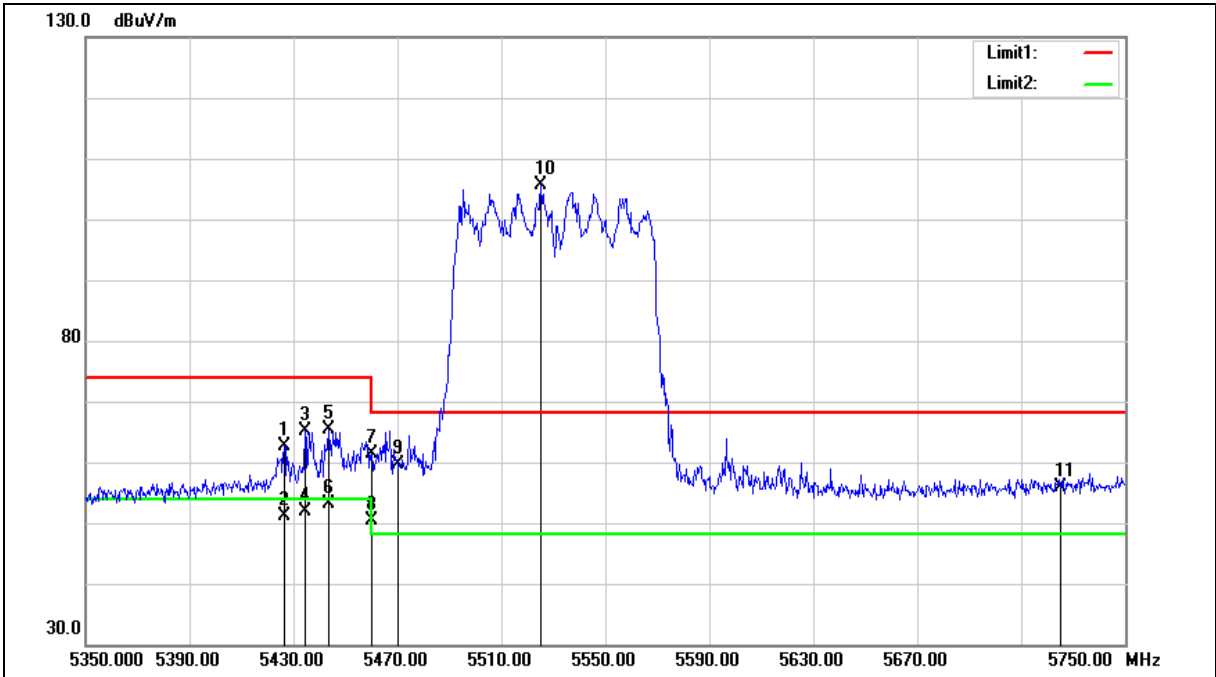
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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 7		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5426.400	55.67	6.93	62.60	74.00	-11.40	peak
2	5426.400	44.27	6.93	51.20	54.00	-2.80	AVG
3	5434.400	58.29	6.94	65.23	74.00	-8.77	peak
4	5434.400	44.99	6.94	51.93	54.00	-2.07	AVG
5	5443.600	58.50	6.97	65.47	74.00	-8.53	peak
6	5443.600	46.25	6.97	53.22	54.00	-0.78	AVG
7	5460.000	54.47	7.00	61.47	74.00	-12.53	peak
8	5460.000	43.28	7.00	50.28	54.00	-3.72	AVG
9	5470.000	52.68	7.03	59.71	68.20	-8.49	peak
10	5525.200	98.45	7.15	105.60	---	---	peak
11	5725.000	48.20	7.57	55.77	68.20	-12.43	peak

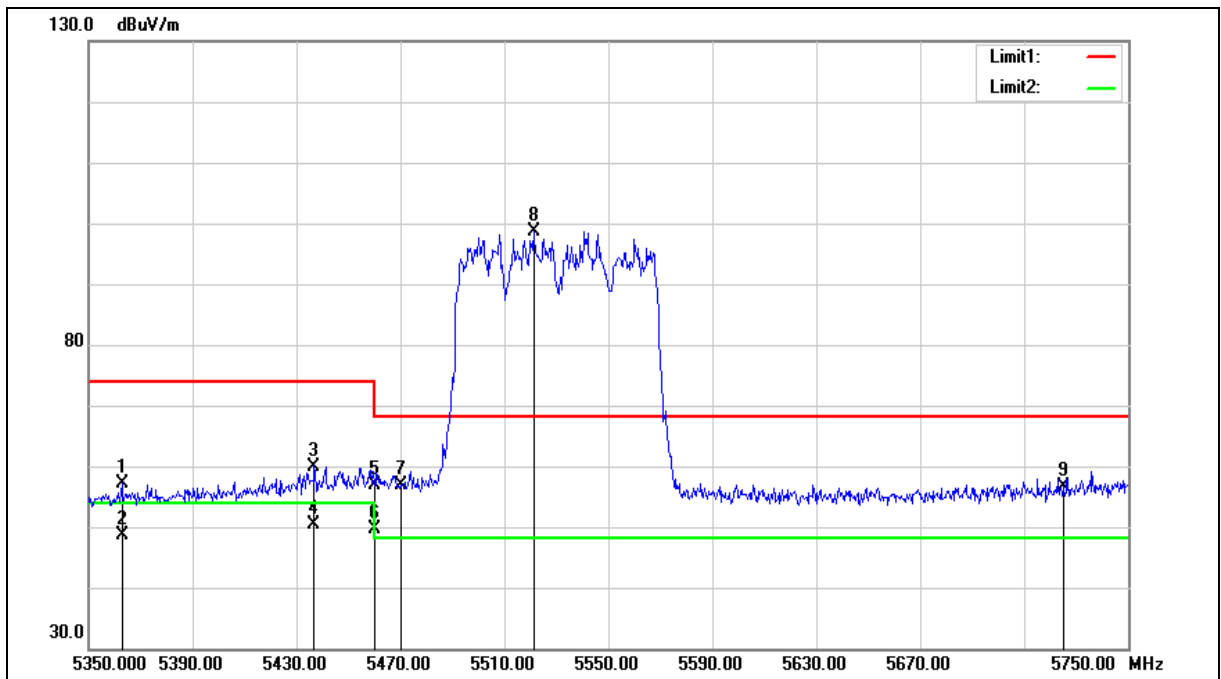
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5362.800	50.36	6.78	57.14	74.00	-16.86	peak
2	5362.800	41.95	6.78	48.73	54.00	-5.27	AVG
3	5436.800	53.05	6.95	60.00	74.00	-14.00	peak
4	5436.800	43.32	6.95	50.27	54.00	-3.73	AVG
5	5460.000	49.95	7.00	56.95	74.00	-17.05	peak
6	5460.000	42.65	7.00	49.65	54.00	-4.35	AVG
7	5470.000	49.95	7.03	56.98	68.20	-11.22	peak
8	5521.200	91.44	7.14	98.58	---	---	peak
9	5725.000	48.99	7.57	56.56	68.20	-11.64	peak

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

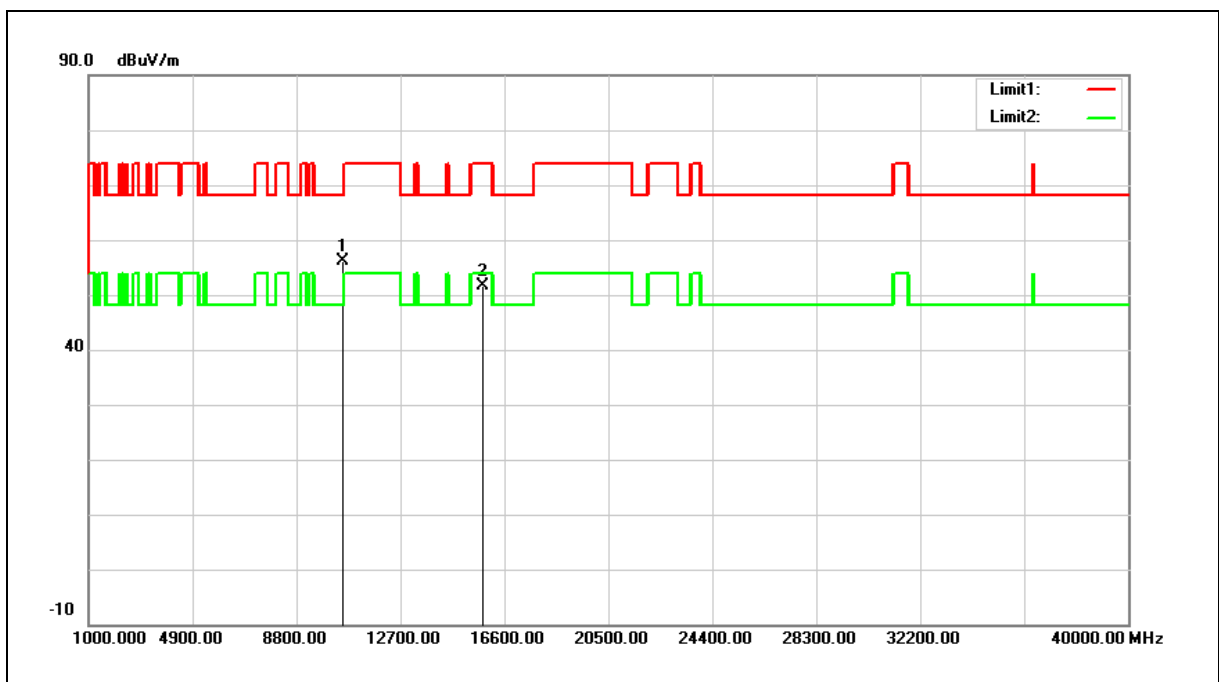
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Beamforming on

Above 1 GHz

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 5		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	38.65	17.47	56.12	68.20	-12.08	peak
2	15780.000	33.01	18.54	51.55	74.00	-22.45	peak

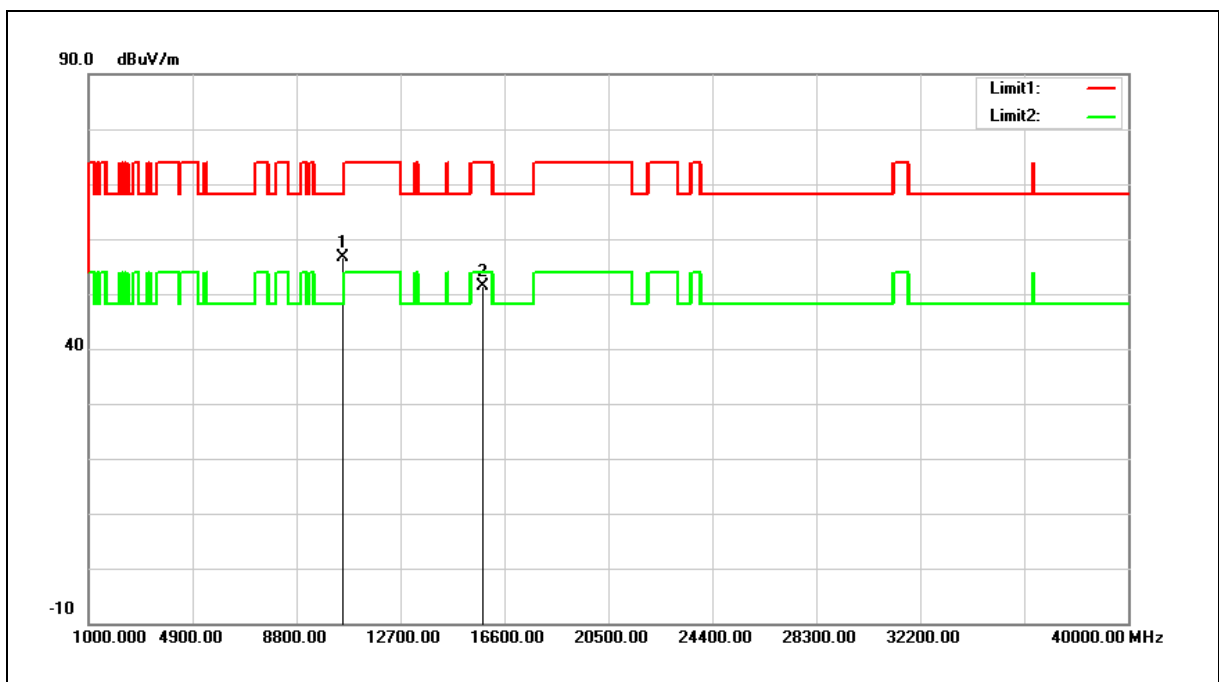
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 56.12 = 17.47 + 38.65

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

3. When the peak 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 5		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	39.22	17.47	56.69	68.20	-11.51	peak
2	15780.000	32.72	18.54	51.26	74.00	-22.74	peak

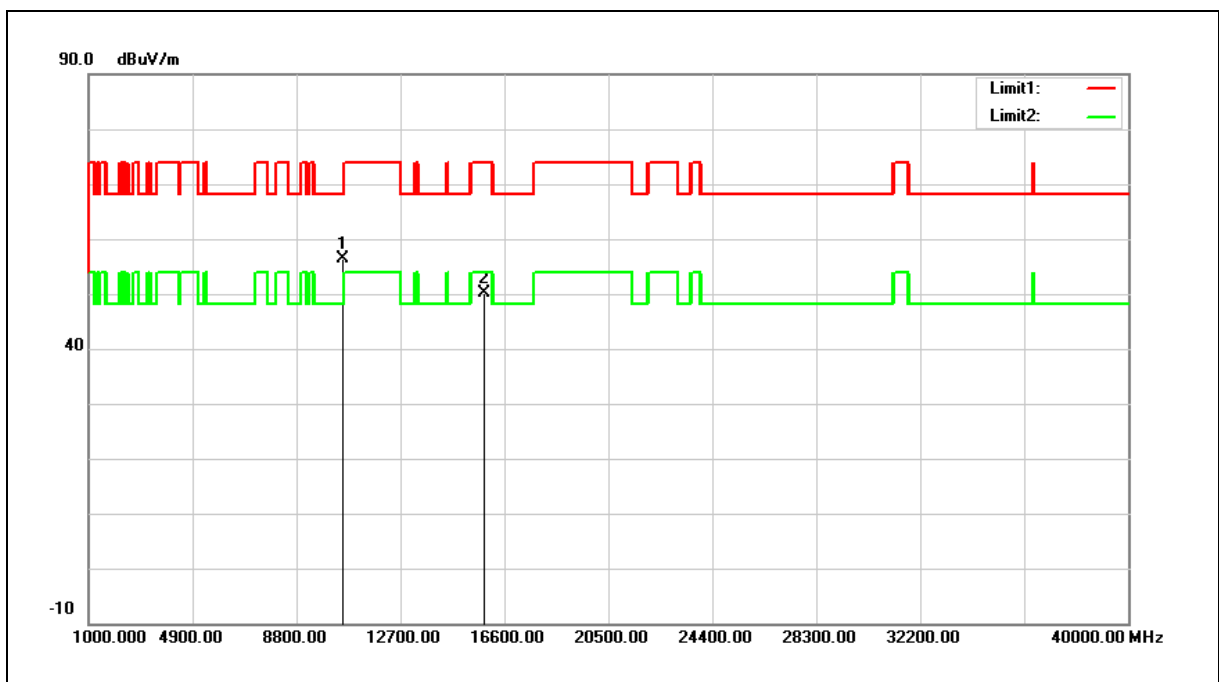
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $56.69 = 17.47 + 39.22$

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

3. When the peak 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 5		
Ant.Polar.:	Horizontal		



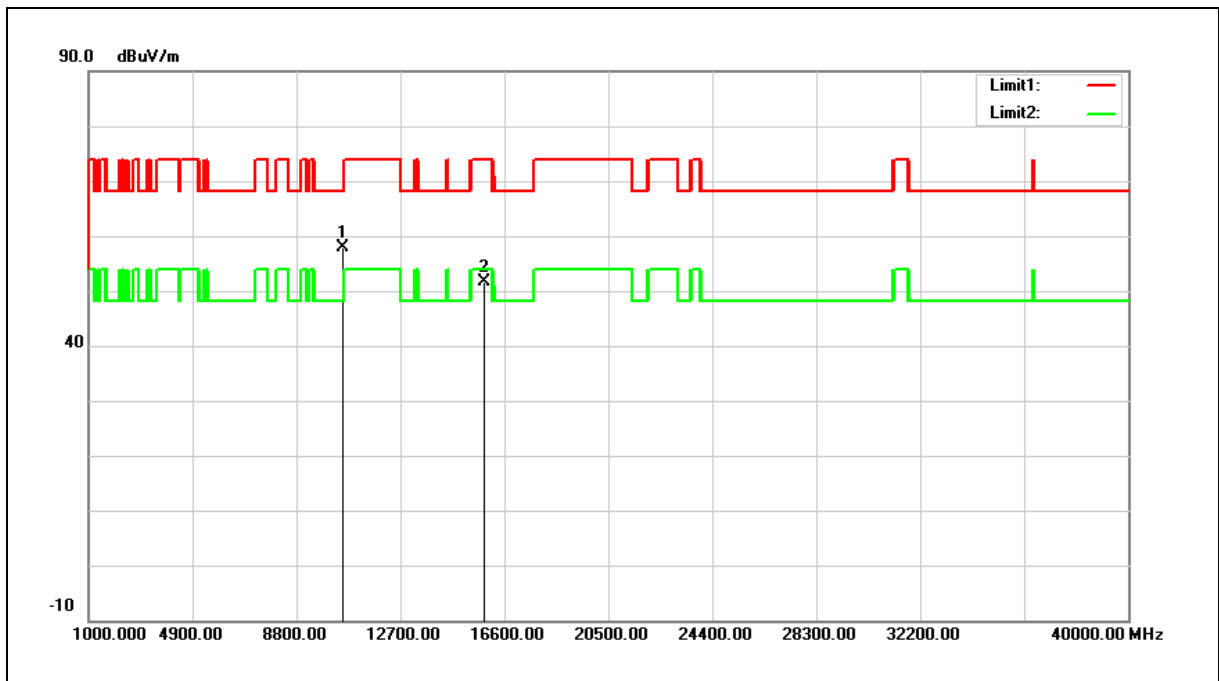
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	38.74	17.55	56.29	68.20	-11.91	peak
2	15840.000	31.75	18.38	50.13	74.00	-23.87	peak

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:	5280 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	10560.000	40.41	17.55	57.96	68.20	-10.24	peak
2	15840.000	33.16	18.38	51.54	74.00	-22.46	peak

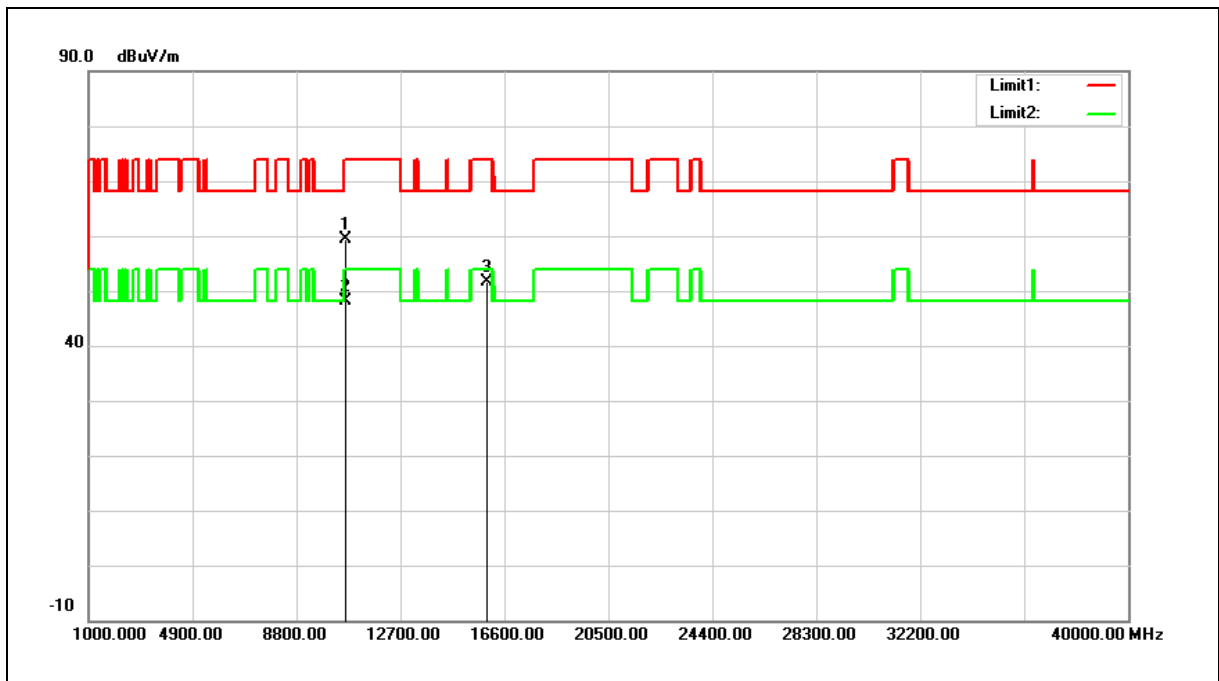
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5320 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	10640.000	41.57	17.74	59.31	74.00	-14.69	peak
2	10640.000	30.36	17.74	48.10	54.00	-5.90	AVG
3	15960.000	33.51	18.07	51.58	74.00	-22.42	peak

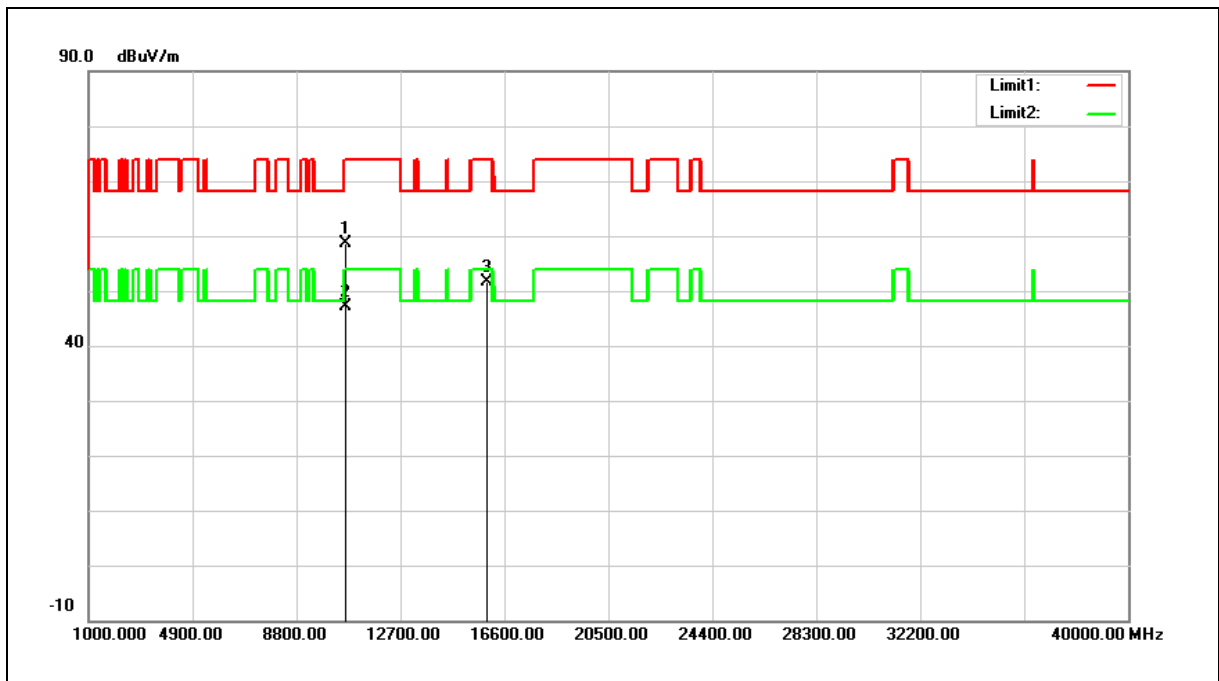
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5320 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	10640.000	40.83	17.74	58.57	74.00	-15.43	peak
2	10640.000	29.47	17.74	47.21	54.00	-6.79	AVG
3	15960.000	33.46	18.07	51.53	74.00	-22.47	peak

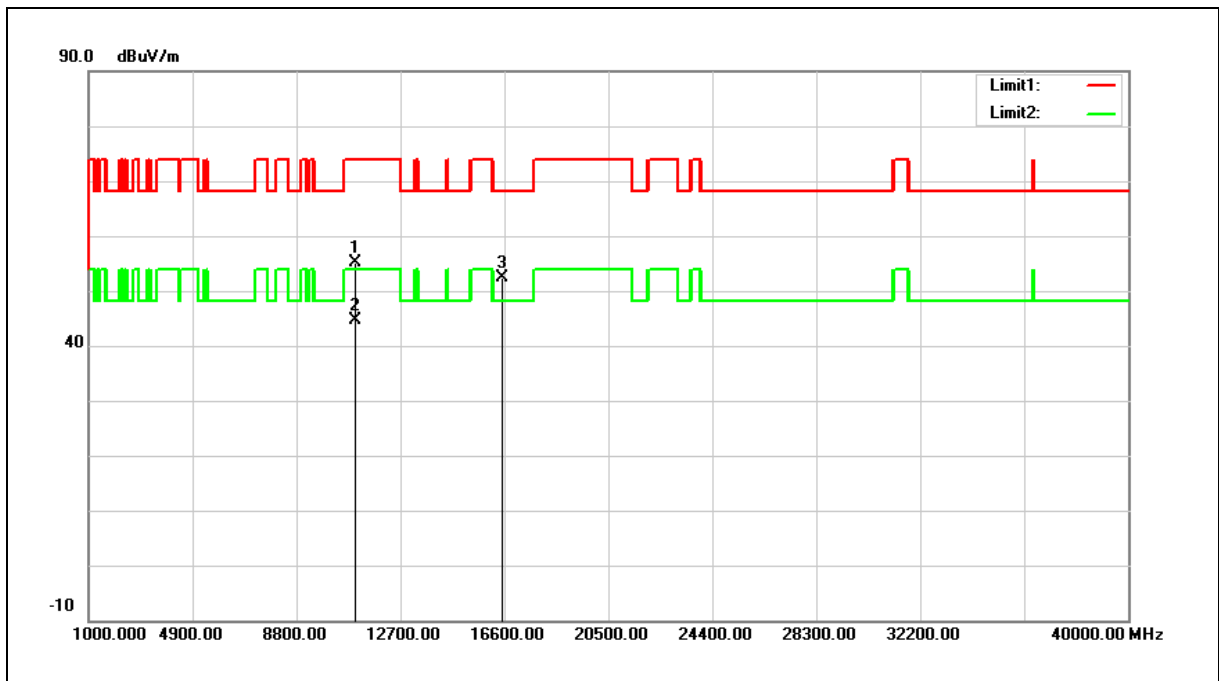
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5500 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	11000.000	36.52	18.55	55.07	74.00	-18.93	peak
2	11000.000	26.20	18.55	44.75	54.00	-9.25	AVG
3	16500.000	31.69	20.78	52.47	68.20	-15.73	peak

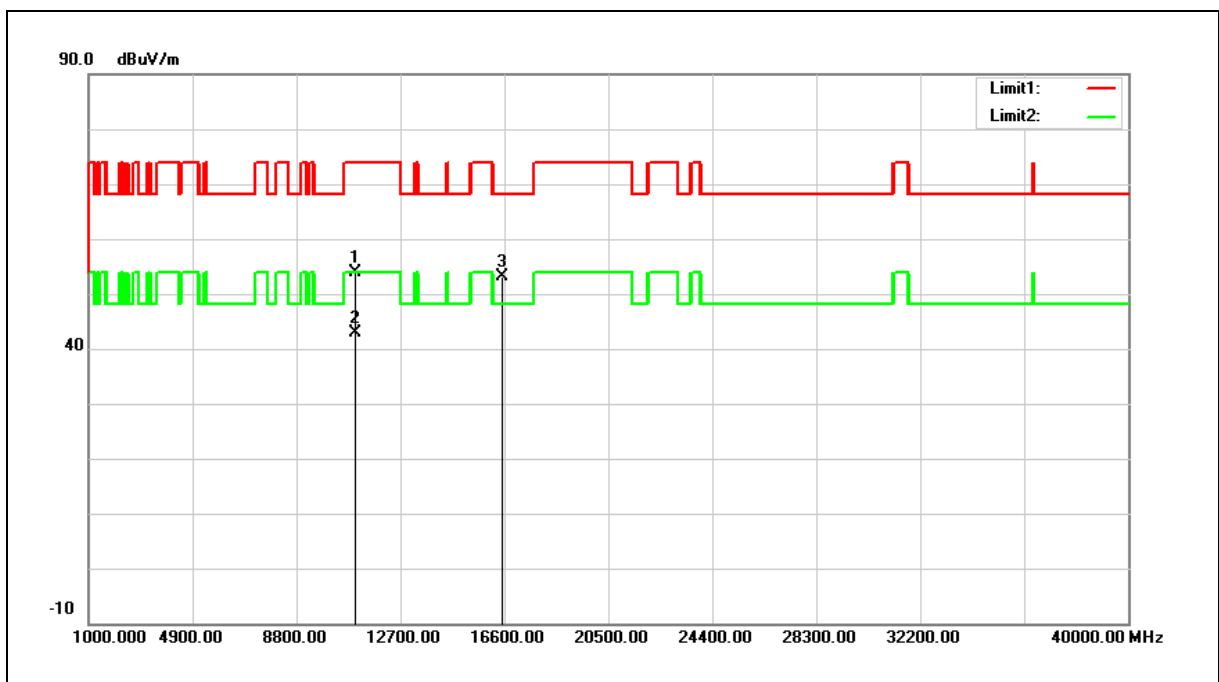
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



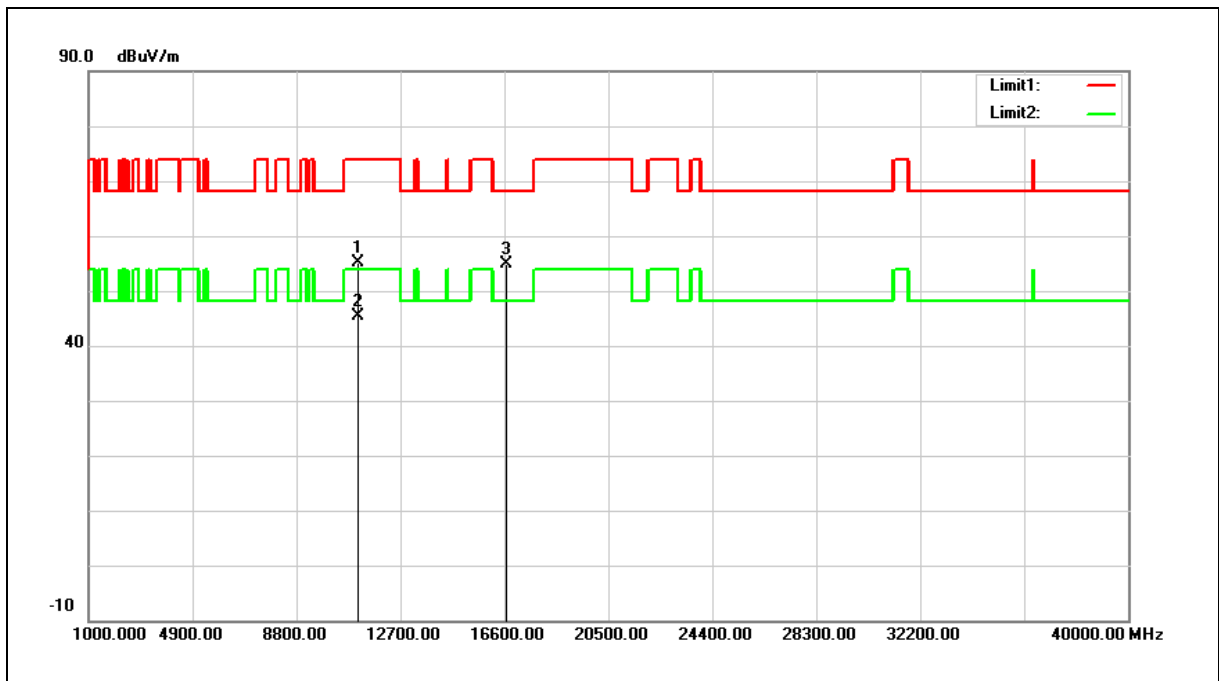
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	35.22	18.55	53.77	74.00	-20.23	peak
2	11000.000	24.40	18.55	42.95	54.00	-11.05	AVG
3	16500.000	32.42	20.78	53.20	68.20	-15.00	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



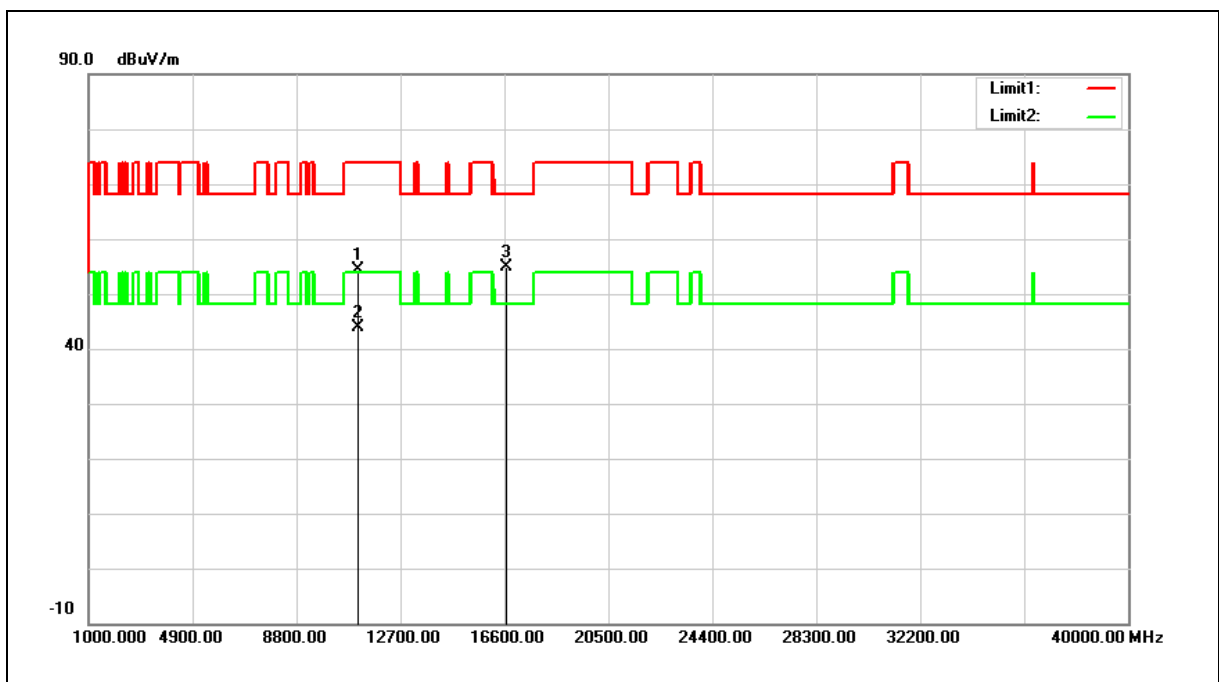
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	36.48	18.55	55.03	74.00	-18.97	peak
2	11120.000	26.95	18.55	45.50	54.00	-8.50	AVG
3	16680.000	33.25	21.72	54.97	68.20	-13.23	peak

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:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		



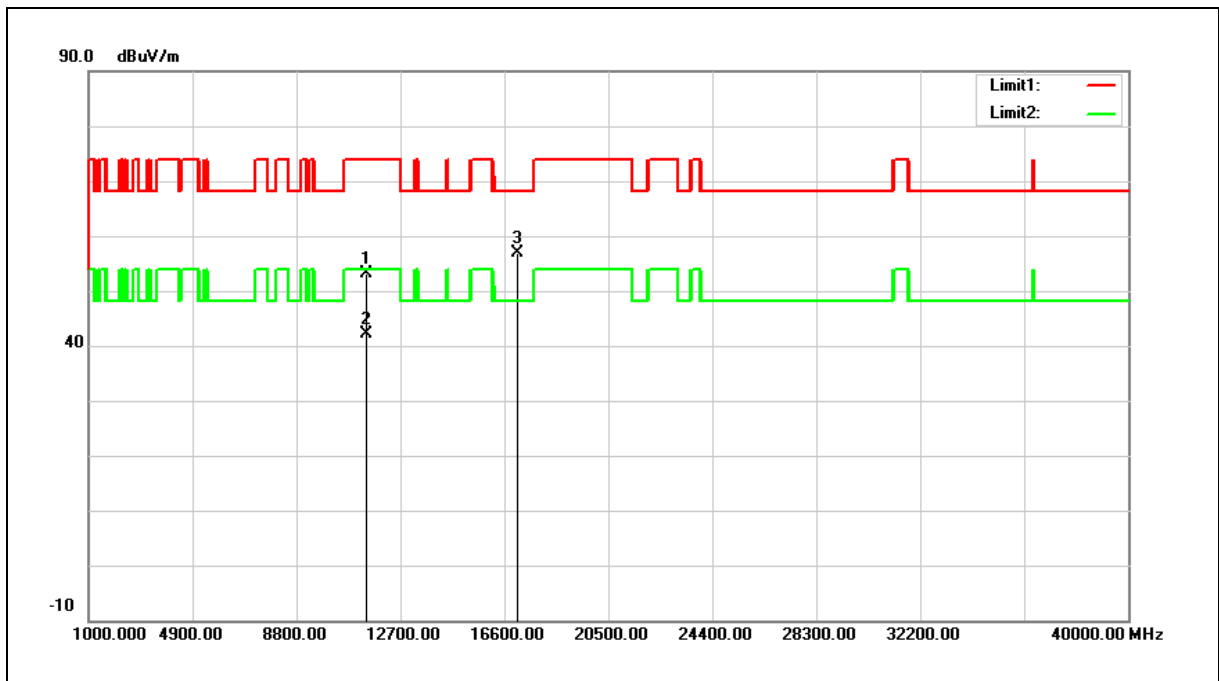
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	35.93	18.55	54.48	74.00	-19.52	peak
2	11120.000	25.25	18.55	43.80	54.00	-10.20	AVG
3	16680.000	33.11	21.72	54.83	68.20	-13.37	peak

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:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



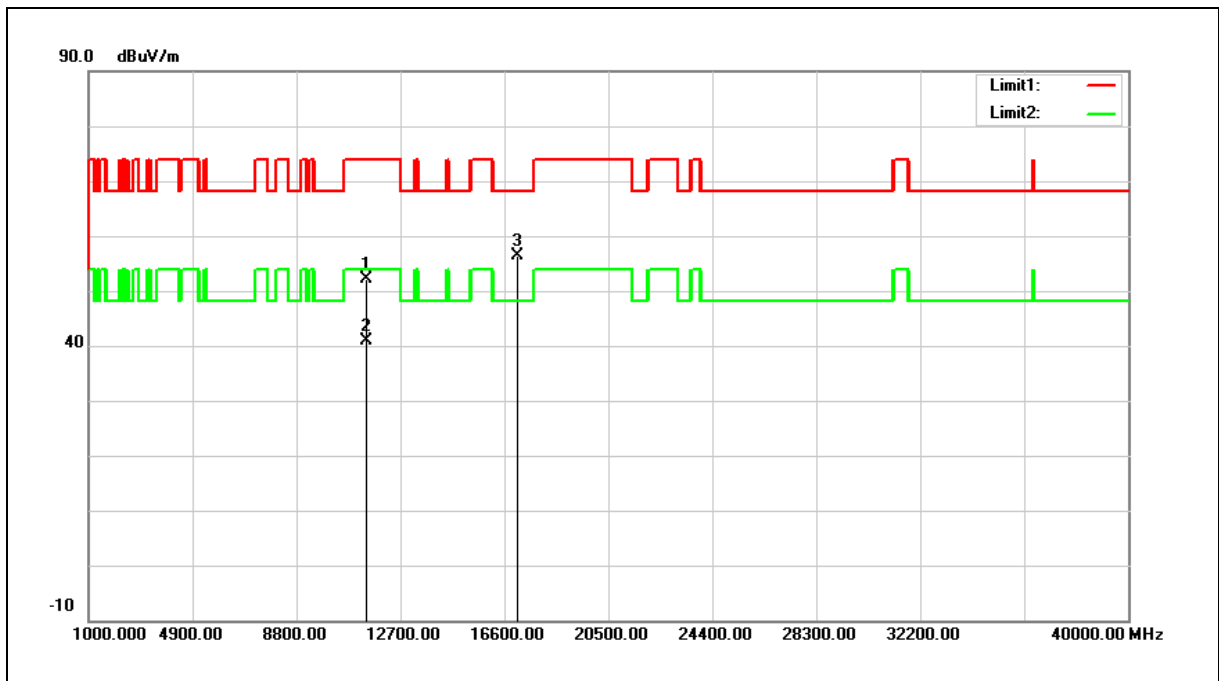
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	34.64	18.51	53.15	74.00	-20.85	peak
2	11400.000	23.70	18.51	42.21	54.00	-11.79	AVG
3	17100.000	33.00	23.78	56.78	68.20	-11.42	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5700 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	11400.000	33.61	18.51	52.12	74.00	-21.88	peak
2	11400.000	22.48	18.51	40.99	54.00	-13.01	AVG
3	17100.000	32.72	23.78	56.50	68.20	-11.70	peak

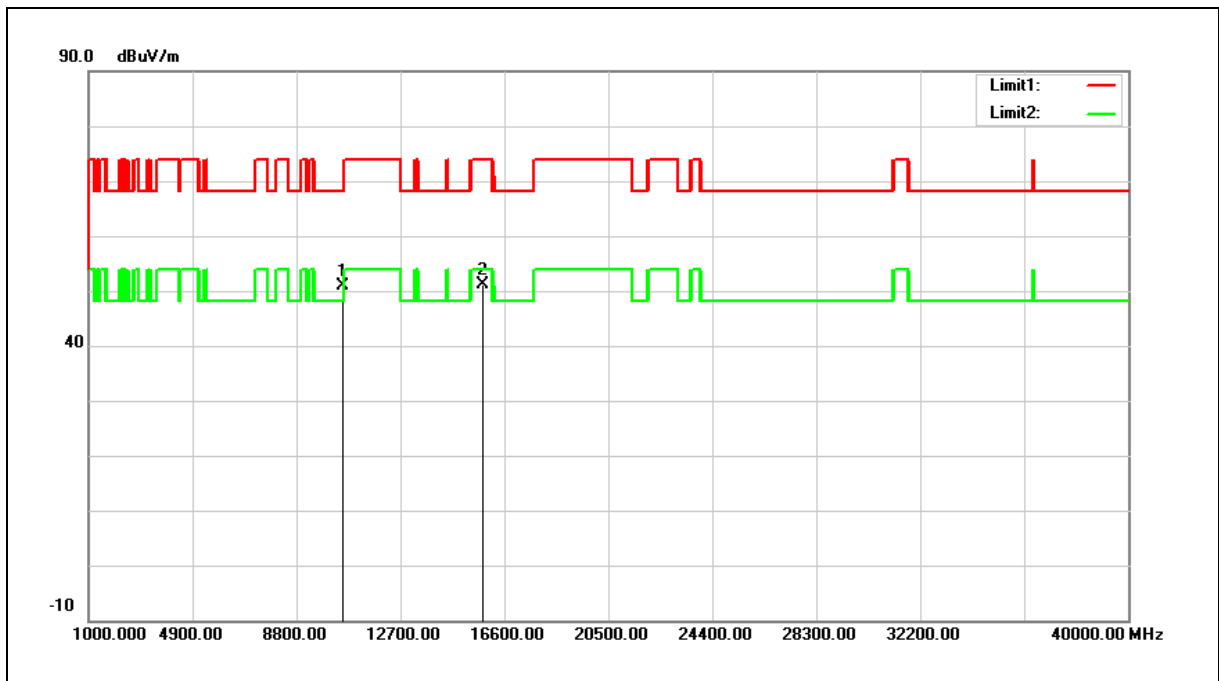
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



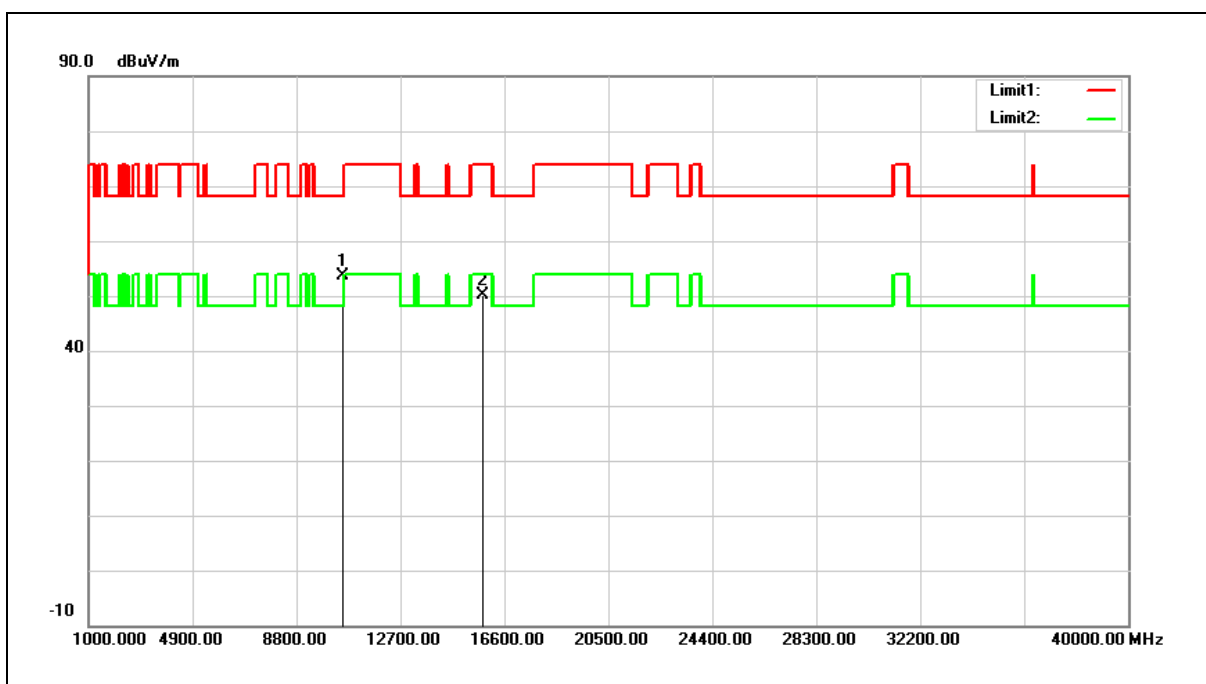
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	33.24	17.52	50.76	68.20	-17.44	peak
2	15810.000	32.77	18.47	51.24	74.00	-22.76	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



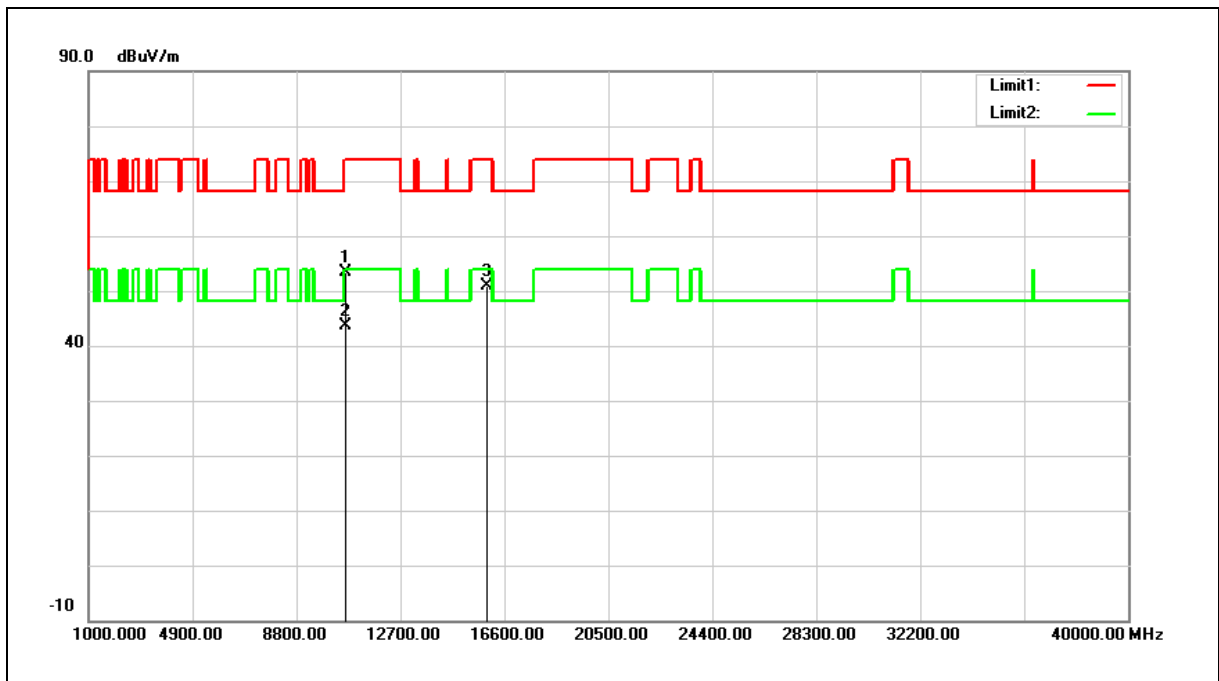
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	36.03	17.52	53.55	68.20	-14.65	peak
2	15810.000	31.69	18.47	50.16	74.00	-23.84	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



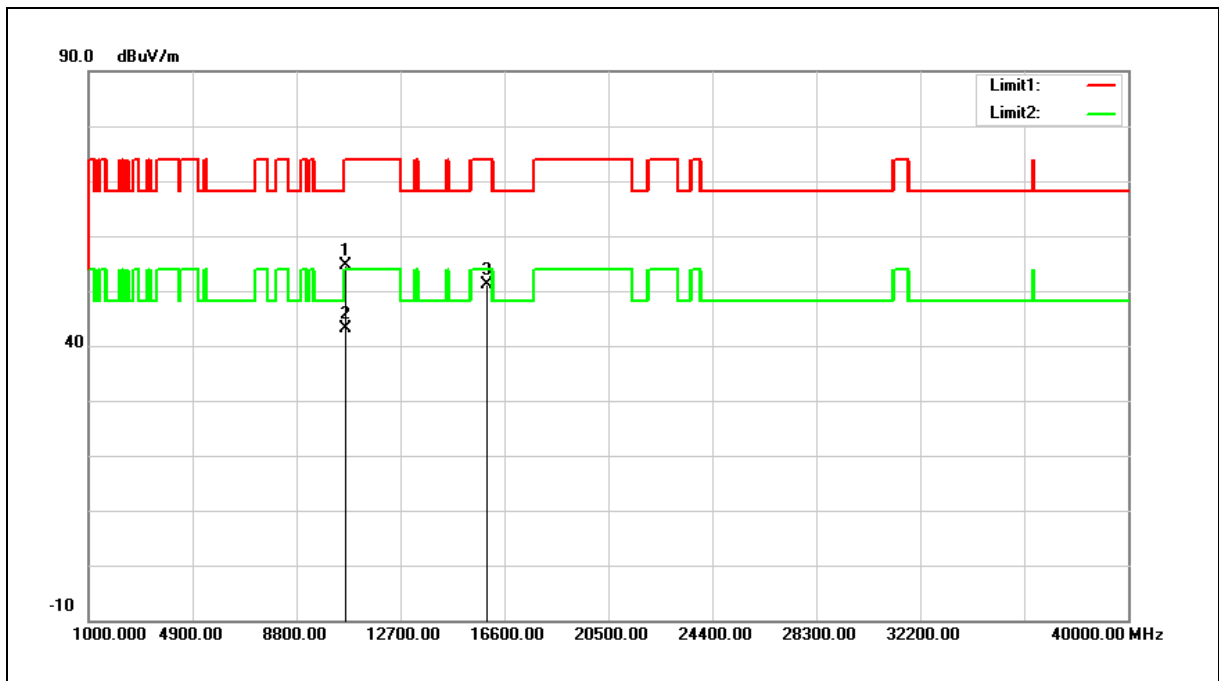
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	35.60	17.70	53.30	74.00	-20.70	peak
2	10620.000	25.95	17.70	43.65	54.00	-10.35	AVG
3	15930.000	32.70	18.14	50.84	74.00	-23.16	peak

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 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	36.95	17.70	54.65	74.00	-19.35	peak
2	10620.000	25.51	17.70	43.21	54.00	-10.79	AVG
3	15930.000	32.92	18.14	51.06	74.00	-22.94	peak

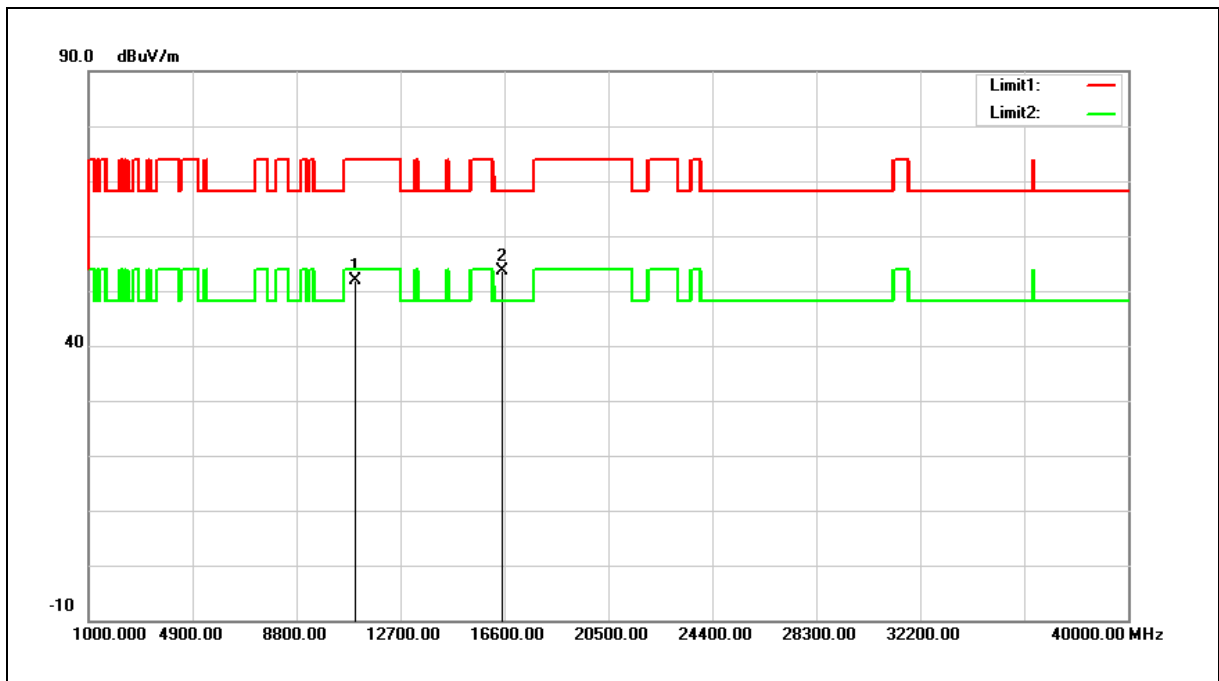
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



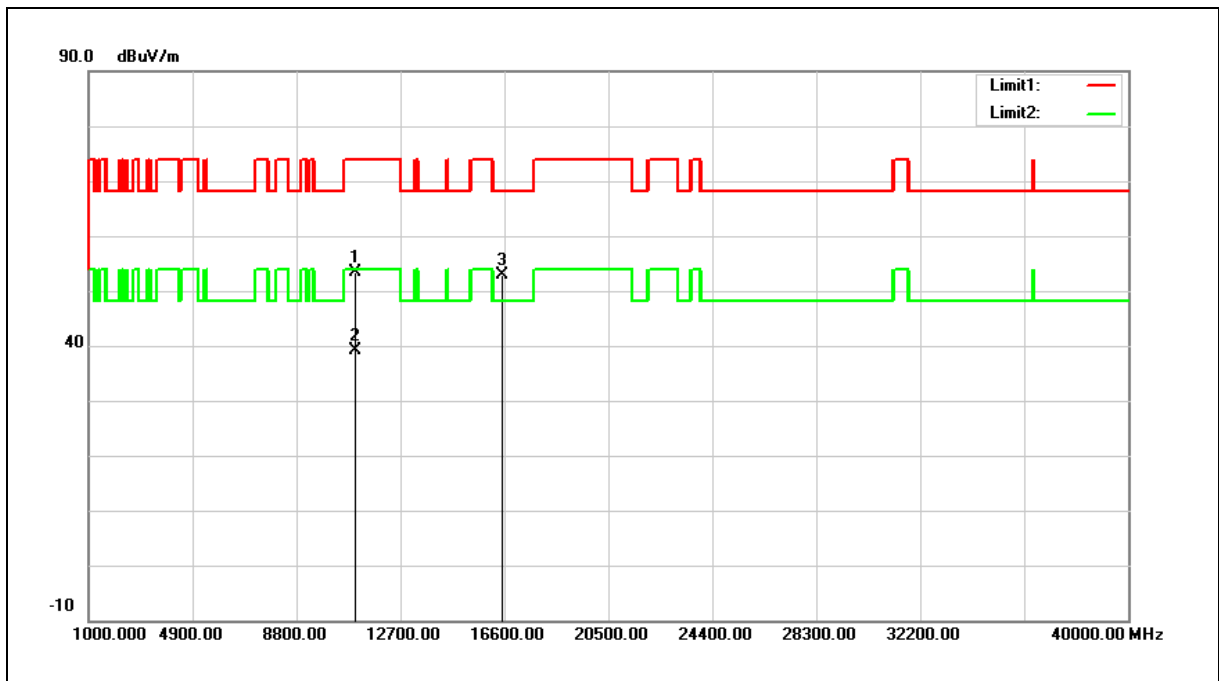
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	33.30	18.55	51.85	74.00	-22.15	peak
2	16530.000	32.76	20.93	53.69	68.20	-14.51	peak

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:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



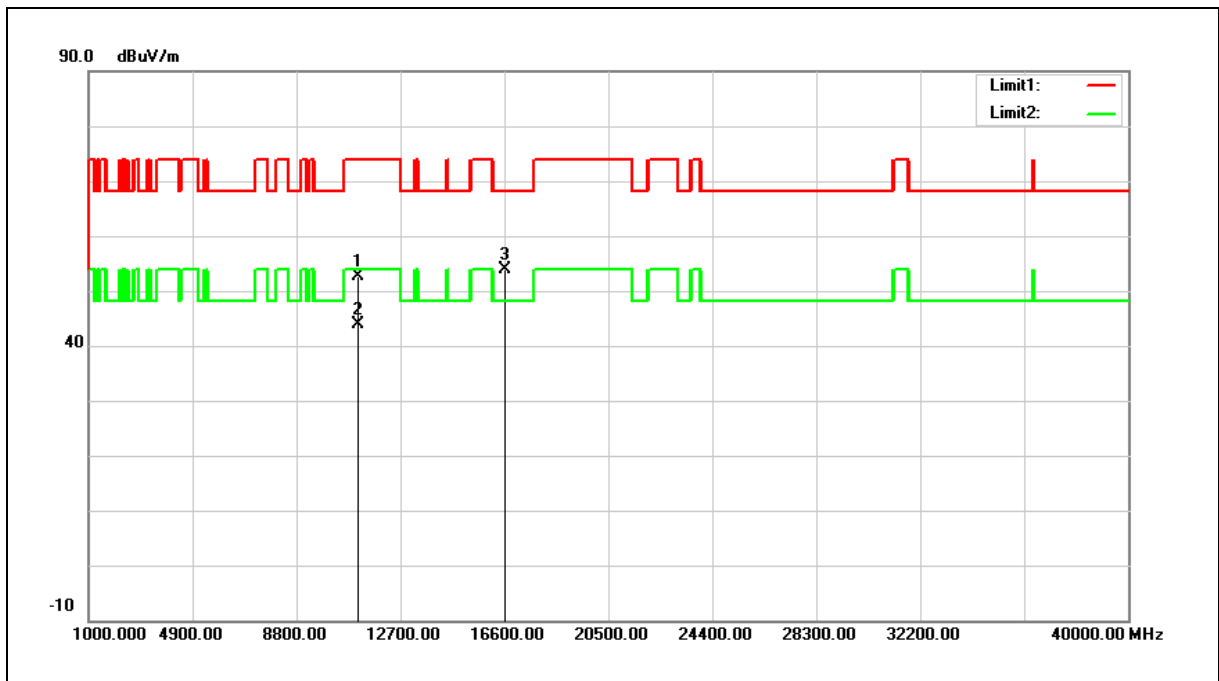
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	34.72	18.55	53.27	74.00	-20.73	peak
2	11020.000	20.68	18.55	39.23	54.00	-14.77	AVG
3	16530.000	32.04	20.93	52.97	68.20	-15.23	peak

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:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	34.17	18.54	52.71	74.00	-21.29	peak
2	11100.000	25.32	18.54	43.86	54.00	-10.14	AVG
3	16650.000	32.44	21.56	54.00	68.20	-14.20	peak

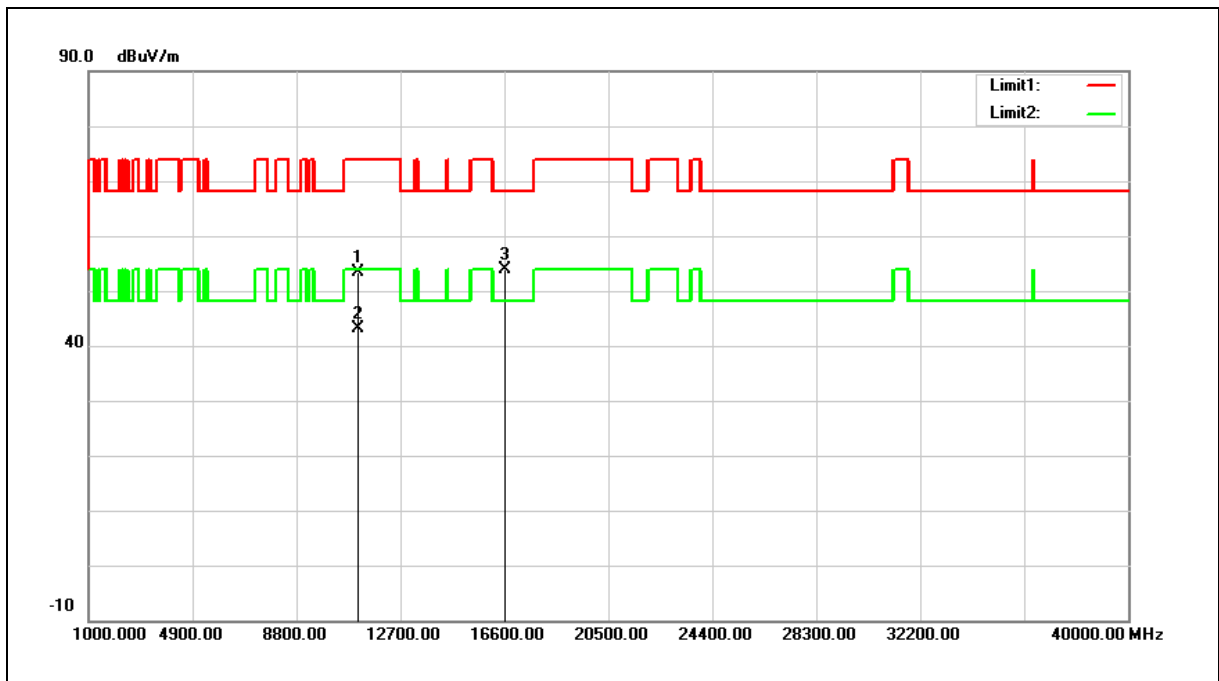
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	34.72	18.54	53.26	74.00	-20.74	peak
2	11100.000	24.47	18.54	43.01	54.00	-10.99	AVG
3	16650.000	32.40	21.56	53.96	68.20	-14.24	peak

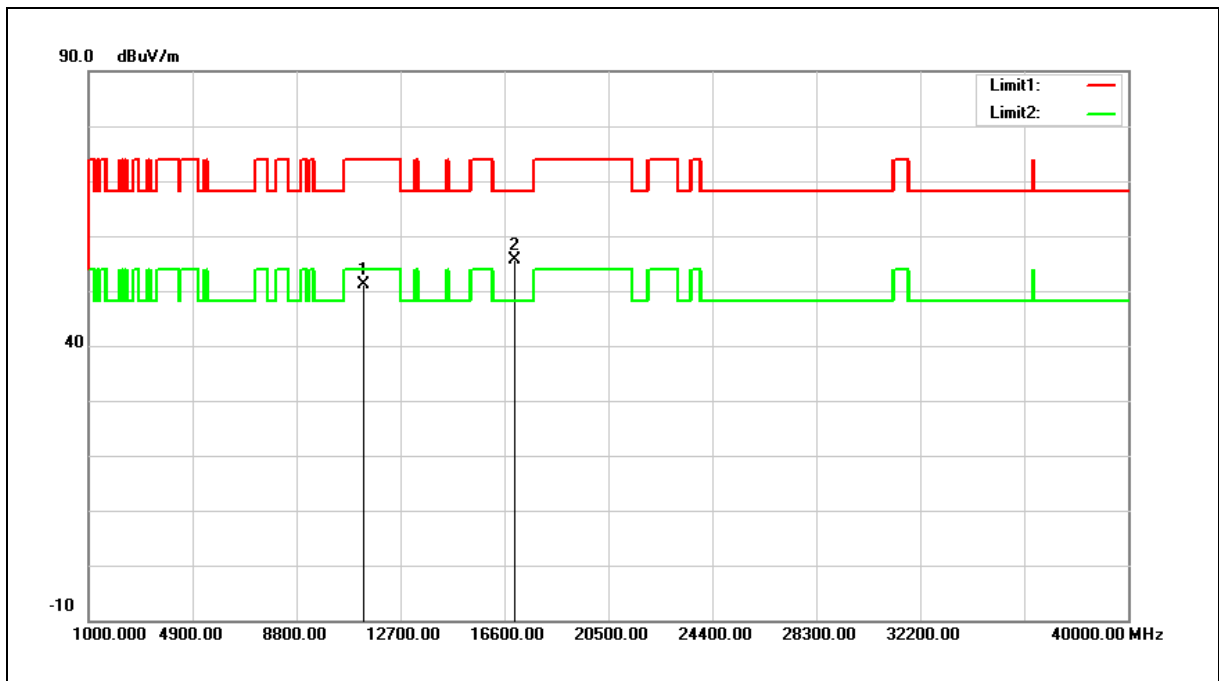
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



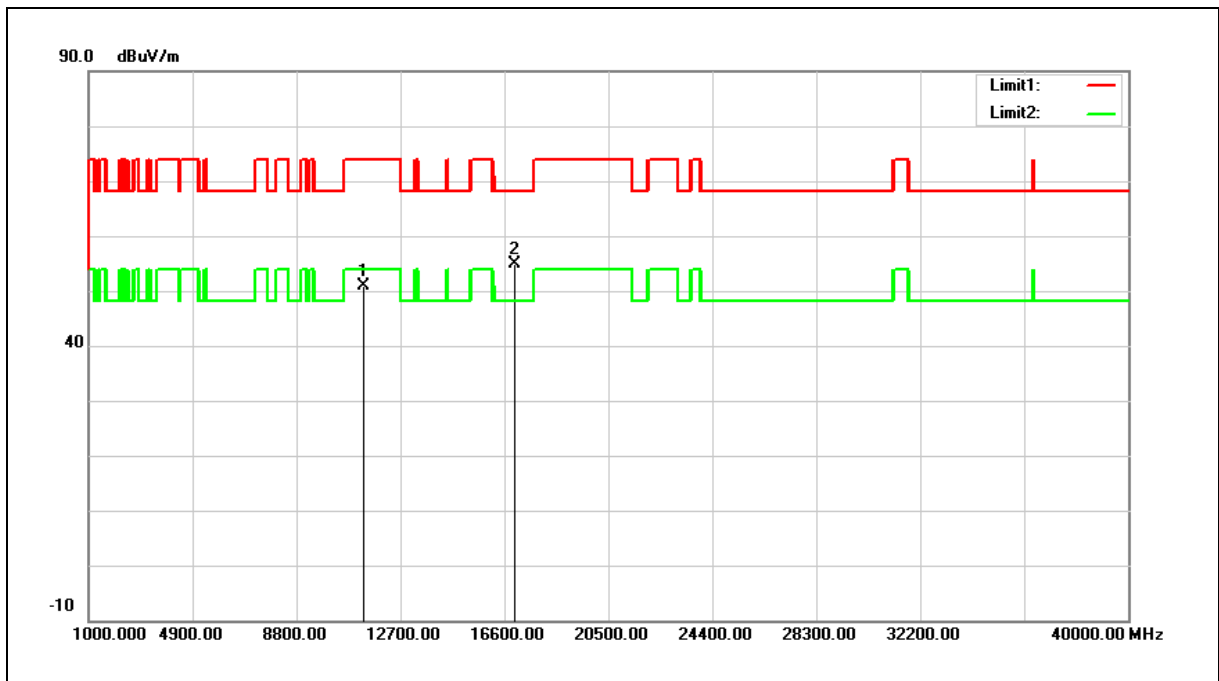
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	32.62	18.51	51.13	74.00	-22.87	peak
2	17010.000	32.26	23.44	55.70	68.20	-12.50	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



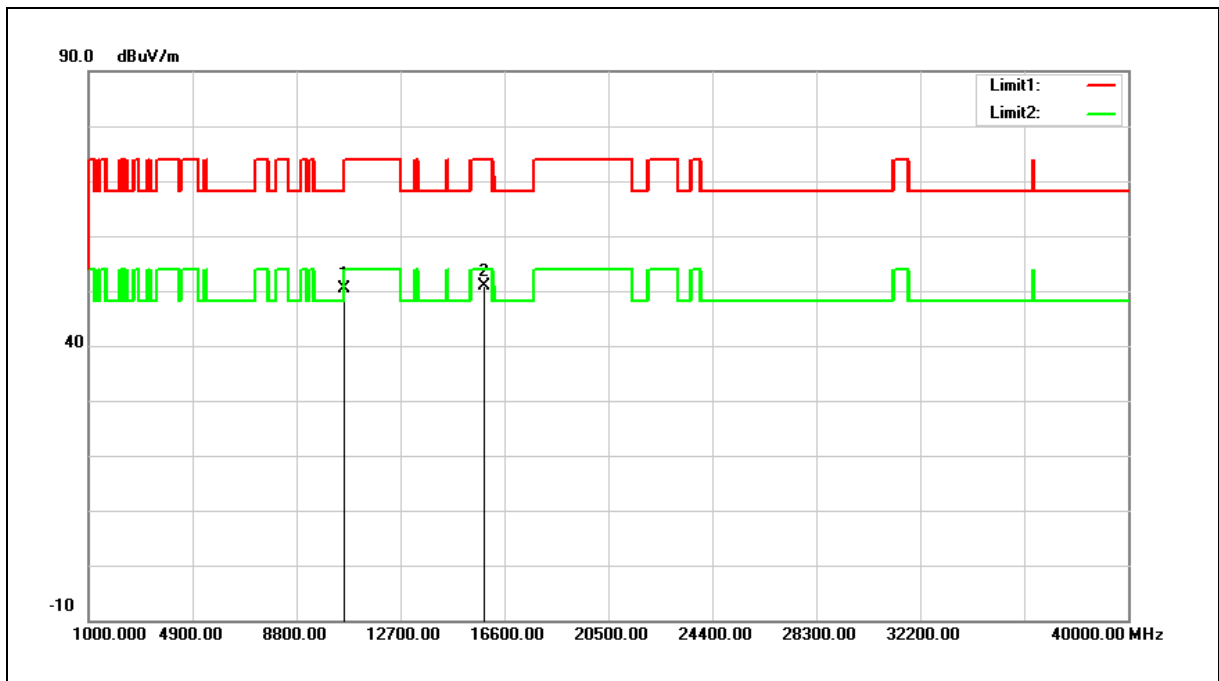
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	32.35	18.51	50.86	74.00	-23.14	peak
2	17010.000	31.47	23.44	54.91	68.20	-13.29	peak

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:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	32.80	17.61	50.41	68.20	-17.79	peak
2	15870.000	32.61	18.31	50.92	74.00	-23.08	peak

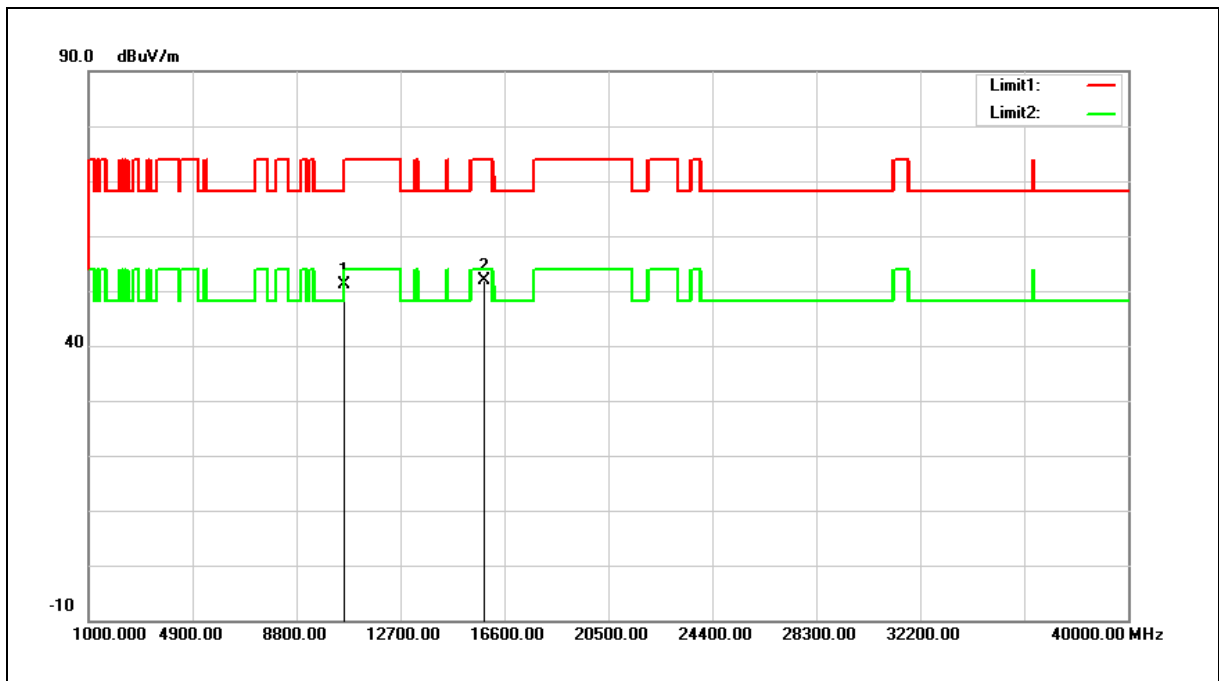
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	33.61	17.61	51.22	68.20	-16.98	peak
2	15870.000	33.56	18.31	51.87	74.00	-22.13	peak

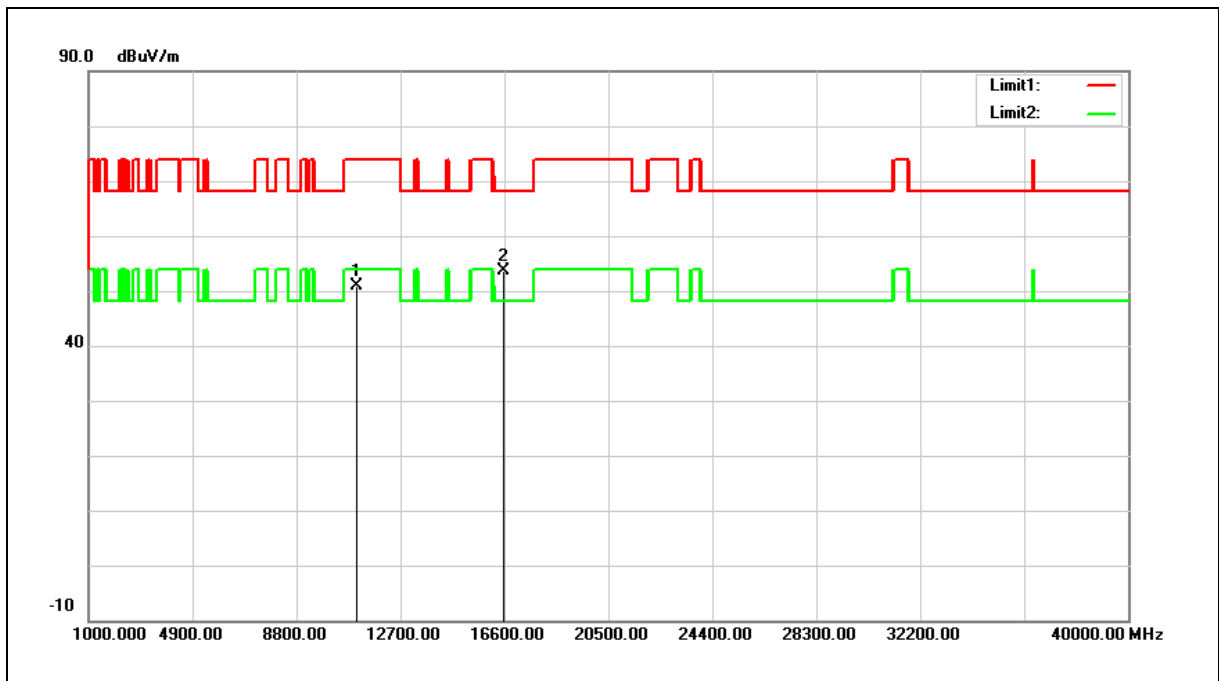
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



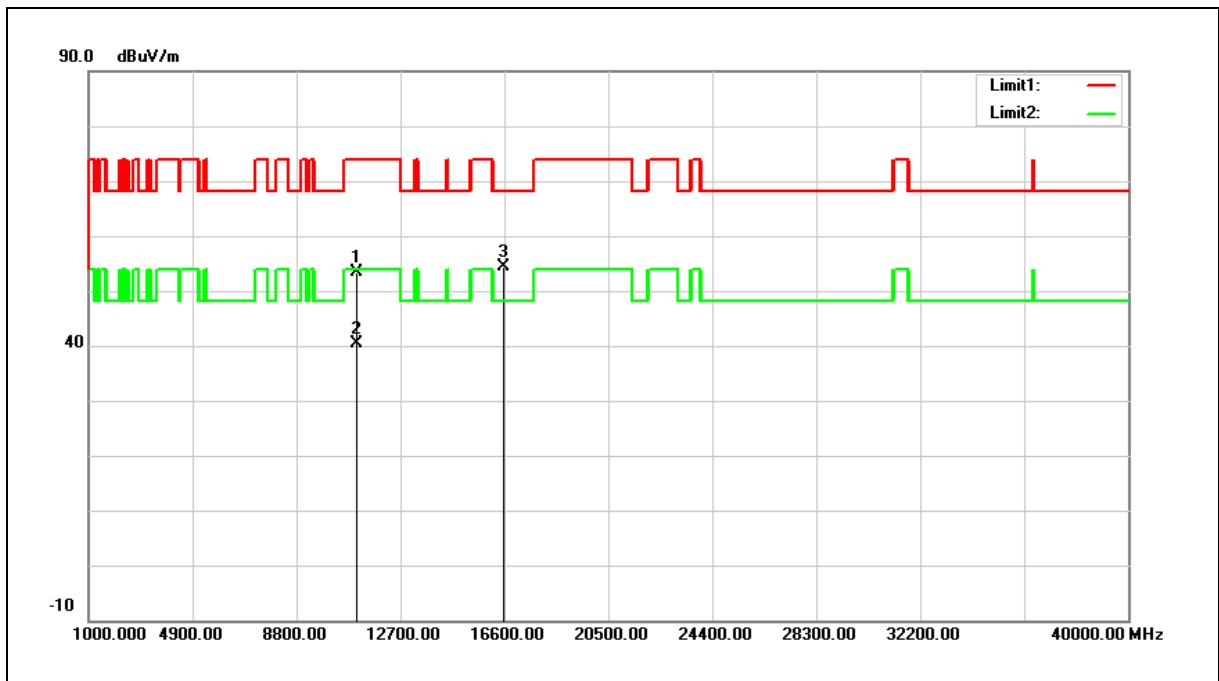
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	32.32	18.54	50.86	74.00	-23.14	peak
2	16590.000	32.44	21.25	53.69	68.20	-14.51	peak

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:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	34.88	18.54	53.42	74.00	-20.58	peak
2	11060.000	21.94	18.54	40.48	54.00	-13.52	AVG
3	16590.000	33.11	21.25	54.36	68.20	-13.84	peak

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

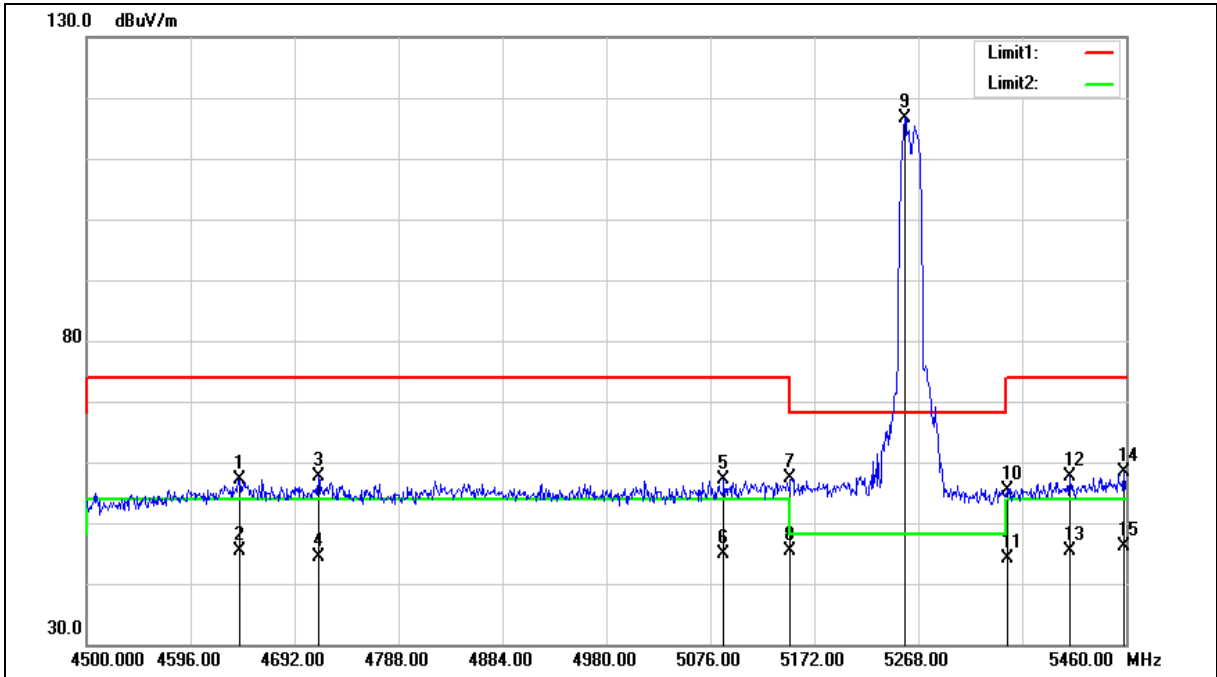
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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



Band Edge

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5260 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:	5260 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	4641.120	51.93	5.23	57.16	74.00	-16.84	peak
2	4641.120	40.19	5.23	45.42	54.00	-8.58	AVG
3	4714.080	52.35	5.37	57.72	74.00	-16.28	peak
4	4714.080	39.01	5.37	44.38	54.00	-9.62	AVG
5	5088.480	51.10	6.13	57.23	74.00	-16.77	peak
6	5088.480	38.70	6.13	44.83	54.00	-9.17	AVG
7	5150.000	51.14	6.27	57.41	74.00	-16.59	peak
8	5150.000	39.04	6.27	45.31	54.00	-8.69	AVG
9	5255.520	110.08	6.52	116.60	---	---	peak
10	5350.000	48.72	6.74	55.46	74.00	-18.54	peak
11	5350.000	37.41	6.74	44.15	54.00	-9.85	AVG
12	5408.160	50.69	6.87	57.56	74.00	-16.44	peak
13	5408.160	38.49	6.87	45.36	54.00	-8.64	AVG
14	5458.080	51.40	7.00	58.40	74.00	-15.60	peak
15	5458.080	39.04	7.00	46.04	54.00	-7.96	AVG

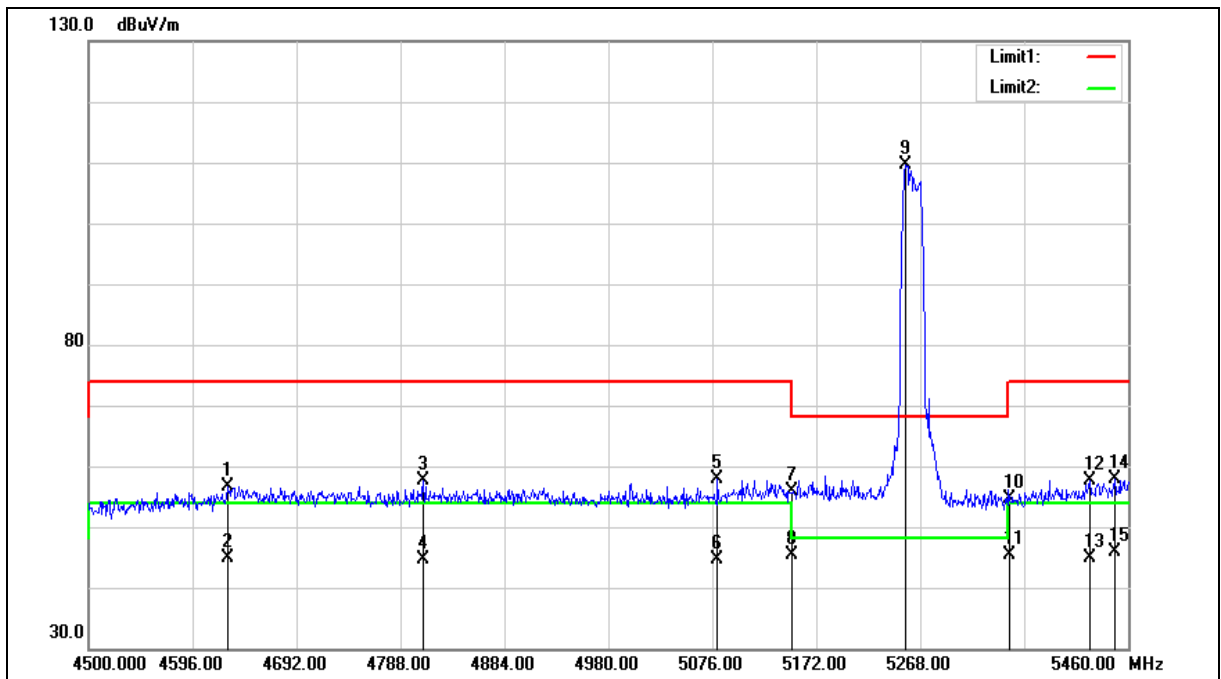
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5260 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:	5260 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	4628.640	51.51	5.20	56.71	74.00	-17.29	peak
2	4628.640	39.70	5.20	44.90	54.00	-9.10	AVG
3	4809.120	52.08	5.55	57.63	74.00	-16.37	peak
4	4809.120	39.03	5.55	44.58	54.00	-9.42	AVG
5	5080.800	51.72	6.10	57.82	74.00	-16.18	peak
6	5080.800	38.65	6.10	44.75	54.00	-9.25	AVG
7	5150.000	49.73	6.27	56.00	74.00	-18.00	peak
8	5150.000	38.99	6.27	45.26	54.00	-8.74	AVG
9	5254.560	103.08	6.52	109.60	---	---	peak
10	5350.000	47.77	6.74	54.51	74.00	-19.49	peak
11	5350.000	38.59	6.74	45.33	54.00	-8.67	AVG
12	5424.480	50.69	6.93	57.62	74.00	-16.38	peak
13	5424.480	38.04	6.93	44.97	54.00	-9.03	AVG
14	5447.520	50.80	6.98	57.78	74.00	-16.22	peak
15	5447.520	38.84	6.98	45.82	54.00	-8.18	AVG

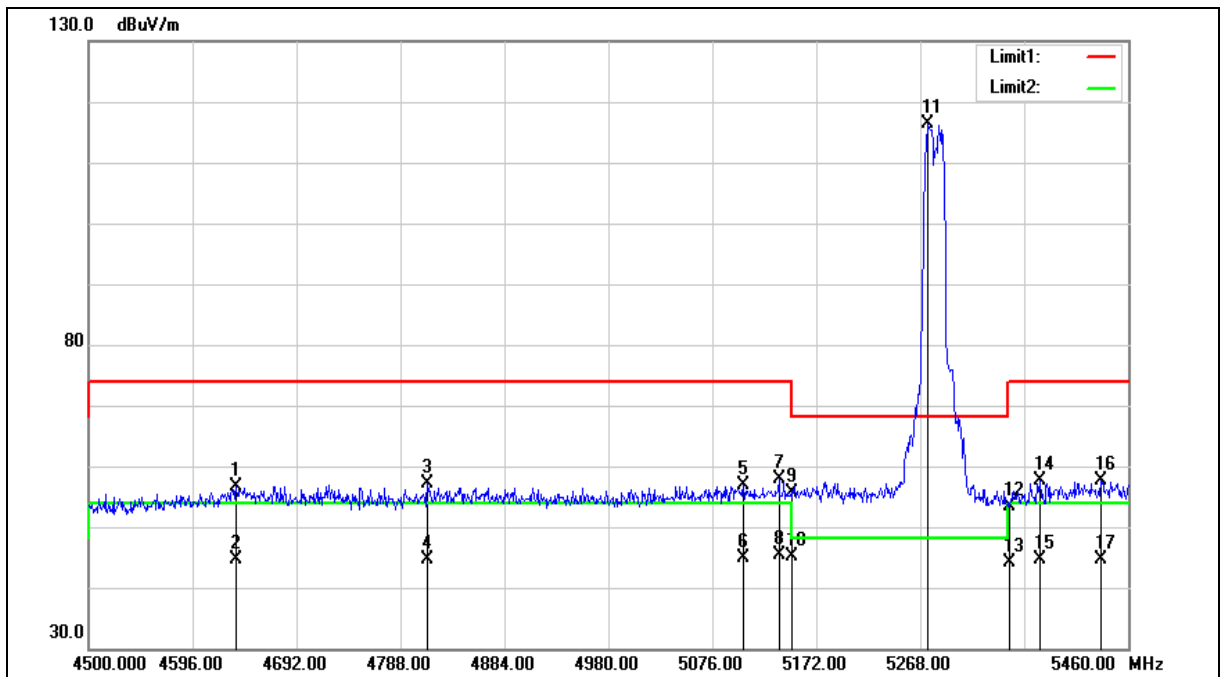
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5280 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:	5280 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	4636.320	51.29	5.22	56.51	74.00	-17.49	peak
2	4636.320	39.30	5.22	44.52	54.00	-9.48	AVG
3	4812.960	51.48	5.55	57.03	74.00	-16.97	peak
4	4812.960	39.12	5.55	44.67	54.00	-9.33	AVG
5	5104.800	50.76	6.16	56.92	74.00	-17.08	peak
6	5104.800	38.80	6.16	44.96	54.00	-9.04	AVG
7	5137.440	51.55	6.23	57.78	74.00	-16.22	peak
8	5137.440	39.05	6.23	45.28	54.00	-8.72	AVG
9	5150.000	49.36	6.27	55.63	74.00	-18.37	peak
10	5150.000	38.97	6.27	45.24	54.00	-8.76	AVG
11	5274.720	109.79	6.57	116.36	---	---	peak
12	5350.000	46.73	6.74	53.47	74.00	-20.53	peak
13	5350.000	37.36	6.74	44.10	54.00	-9.90	AVG
14	5378.400	50.70	6.81	57.51	74.00	-16.49	peak
15	5378.400	37.79	6.81	44.60	54.00	-9.40	AVG
16	5435.040	50.80	6.95	57.75	74.00	-16.25	peak
17	5435.040	37.77	6.95	44.72	54.00	-9.28	AVG

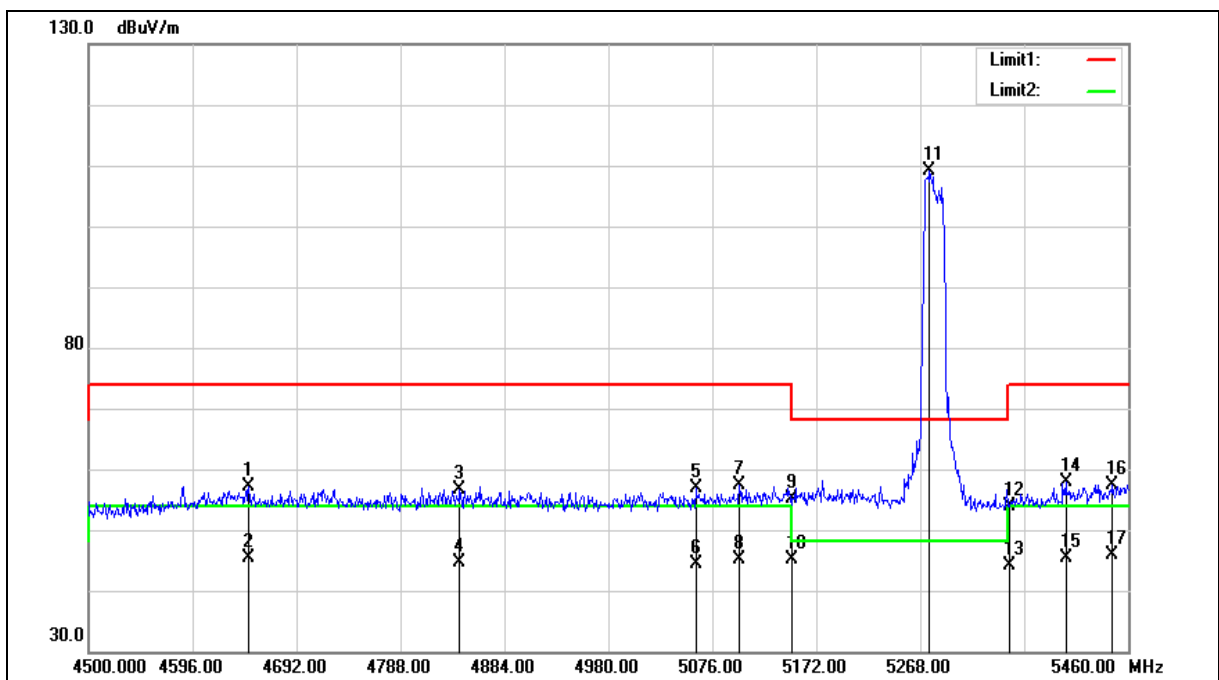
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5280 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:	5280 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	4647.840	51.91	5.24	57.15	74.00	-16.85	peak
2	4647.840	40.09	5.24	45.33	54.00	-8.67	AVG
3	4842.720	50.93	5.62	56.55	74.00	-17.45	peak
4	4842.720	39.07	5.62	44.69	54.00	-9.31	AVG
5	5060.640	50.71	6.05	56.76	74.00	-17.24	peak
6	5060.640	38.39	6.05	44.44	54.00	-9.56	AVG
7	5100.960	51.26	6.15	57.41	74.00	-16.59	peak
8	5100.960	38.89	6.15	45.04	54.00	-8.96	AVG
9	5150.000	48.78	6.27	55.05	74.00	-18.95	peak
10	5150.000	38.96	6.27	45.23	54.00	-8.77	AVG
11	5276.640	102.54	6.57	109.11	---	---	peak
12	5350.000	47.06	6.74	53.80	74.00	-20.20	peak
13	5350.000	37.35	6.74	44.09	54.00	-9.91	AVG
14	5402.400	50.96	6.86	57.82	74.00	-16.18	peak
15	5402.400	38.45	6.86	45.31	54.00	-8.69	AVG
16	5445.600	50.49	6.98	57.47	74.00	-16.53	peak
17	5445.600	38.97	6.98	45.95	54.00	-8.05	AVG

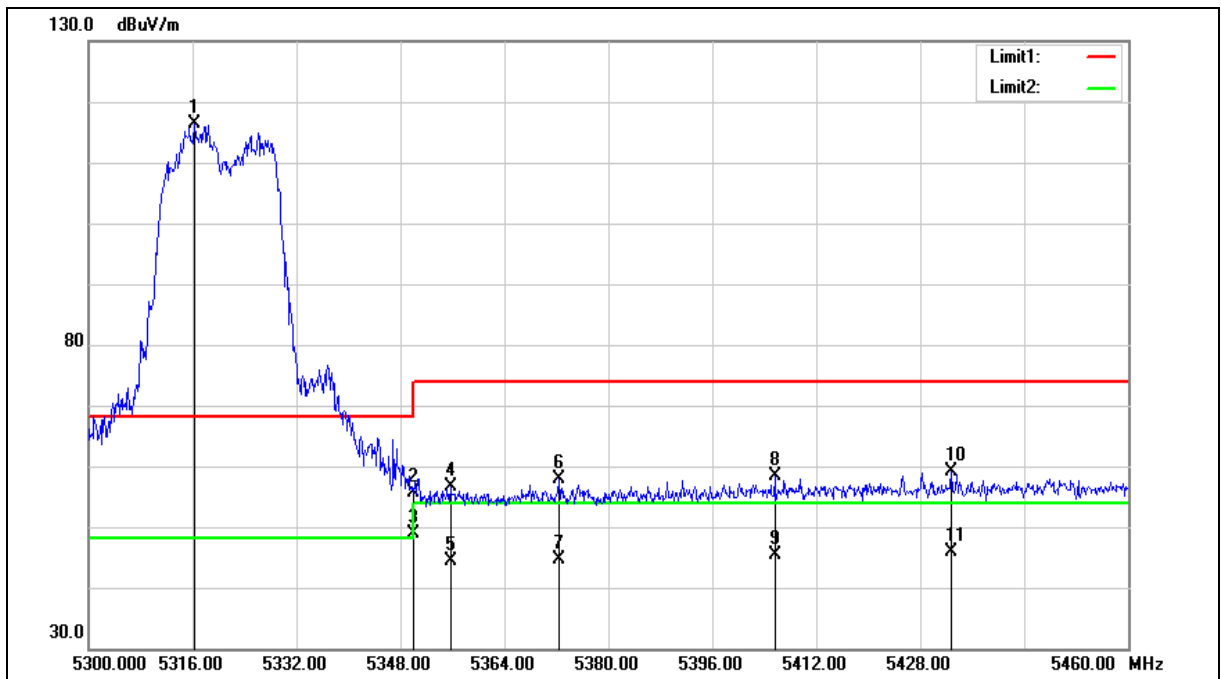
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 5		
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 5		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5316.320	109.73	6.67	116.40	---	---	peak
2	5350.000	48.95	6.74	55.69	74.00	-18.31	peak
3	5350.000	42.24	6.74	48.98	54.00	-5.02	AVG
4	5355.680	49.76	6.75	56.51	74.00	-17.49	peak
5	5355.680	37.68	6.75	44.43	54.00	-9.57	AVG
6	5372.320	51.10	6.79	57.89	74.00	-16.11	peak
7	5372.320	37.87	6.79	44.66	54.00	-9.34	AVG
8	5405.600	51.44	6.87	58.31	74.00	-15.69	peak
9	5405.600	38.48	6.87	45.35	54.00	-8.65	AVG
10	5432.800	52.24	6.94	59.18	74.00	-14.82	peak
11	5432.800	38.83	6.94	45.77	54.00	-8.23	AVG

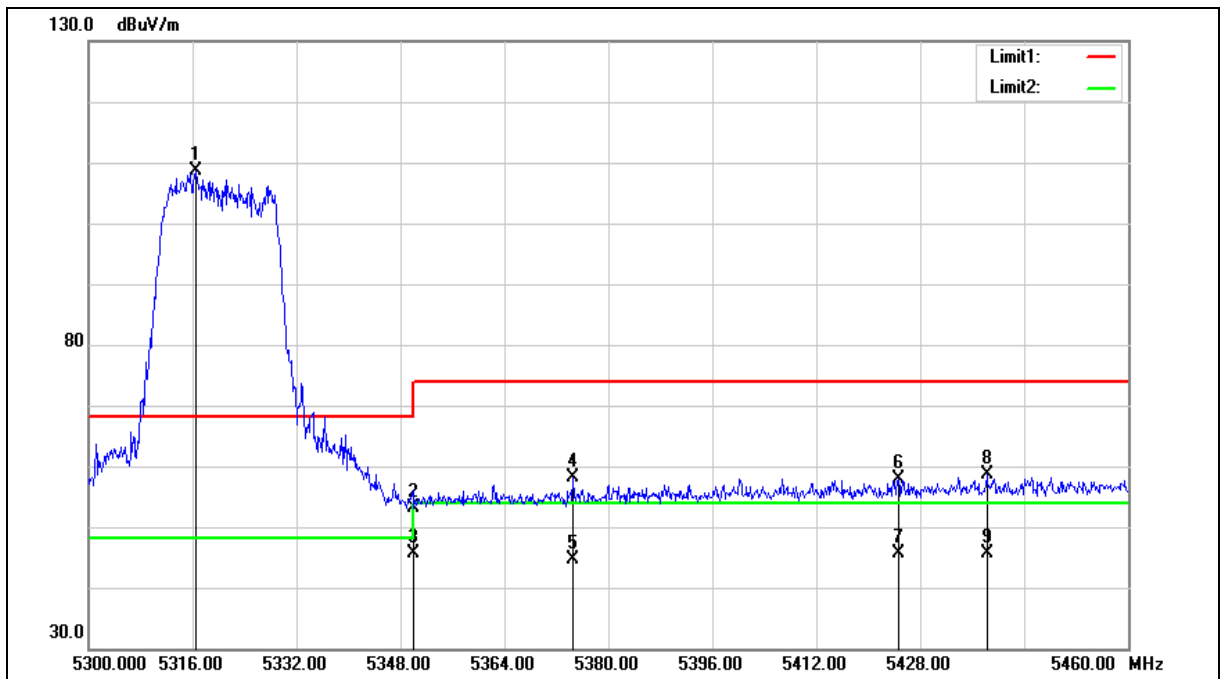
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5320 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:	5320 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	5316.480	102.04	6.67	108.71	---	---	peak
2	5350.000	46.45	6.74	53.19	74.00	-20.81	peak
3	5350.000	38.85	6.74	45.59	54.00	-8.41	AVG
4	5374.560	51.45	6.80	58.25	74.00	-15.75	peak
5	5374.560	37.81	6.80	44.61	54.00	-9.39	AVG
6	5424.640	50.88	6.93	57.81	74.00	-16.19	peak
7	5424.640	38.69	6.93	45.62	54.00	-8.38	AVG
8	5438.240	51.63	6.96	58.59	74.00	-15.41	peak
9	5438.240	38.79	6.96	45.75	54.00	-8.25	AVG

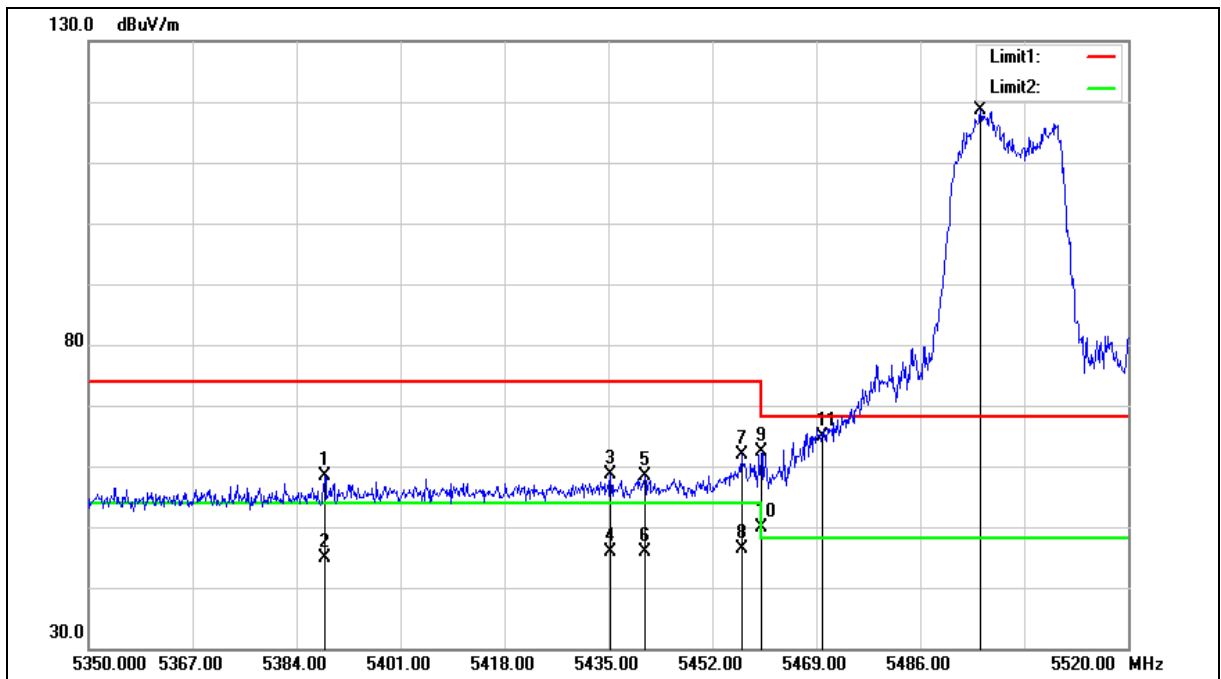
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 5		
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 5		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5388.590	51.44	6.84	58.28	74.00	-15.72	peak
2	5388.590	38.08	6.84	44.92	54.00	-9.08	AVG
3	5435.340	51.58	6.95	58.53	74.00	-15.47	peak
4	5435.340	38.86	6.95	45.81	54.00	-8.19	AVG
5	5440.950	51.31	6.97	58.28	74.00	-15.72	peak
6	5440.950	38.97	6.97	45.94	54.00	-8.06	AVG
7	5456.760	54.93	7.00	61.93	74.00	-12.07	peak
8	5456.760	39.37	7.00	46.37	54.00	-7.63	AVG
9	5460.000	55.40	7.00	62.40	74.00	-11.60	peak
10	5460.000	42.86	7.00	49.86	54.00	-4.14	AVG
11	5470.000	57.95	7.03	64.98	68.20	-3.22	peak
12	5495.860	111.62	7.09	118.71	---	---	peak

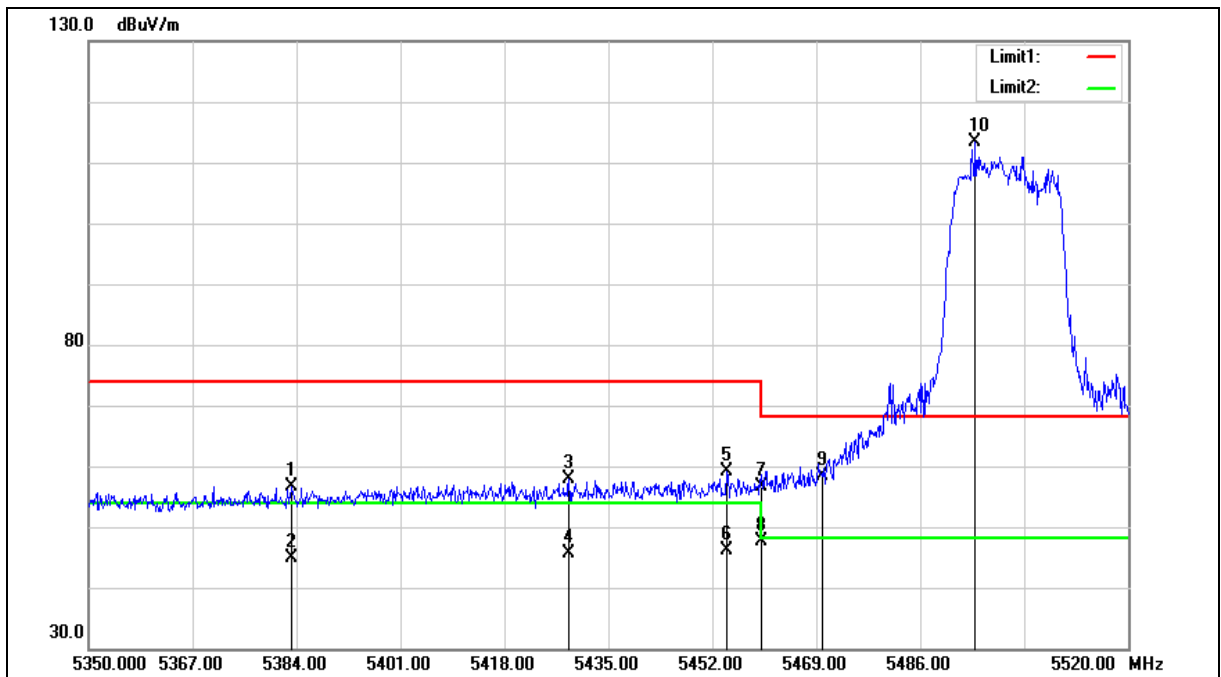
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 5		
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 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5383.150	49.70	6.82	56.52	74.00	-17.48	peak
2	5383.150	38.03	6.82	44.85	54.00	-9.15	AVG
3	5428.540	50.87	6.93	57.80	74.00	-16.20	peak
4	5428.540	38.69	6.93	45.62	54.00	-8.38	AVG
5	5454.380	52.04	6.99	59.03	74.00	-14.97	peak
6	5454.380	39.24	6.99	46.23	54.00	-7.77	AVG
7	5460.000	49.70	7.00	56.70	74.00	-17.30	peak
8	5460.000	40.67	7.00	47.67	54.00	-6.33	AVG
9	5470.000	51.27	7.03	58.30	68.20	-9.90	peak
10	5495.010	106.25	7.09	113.34	---	---	peak

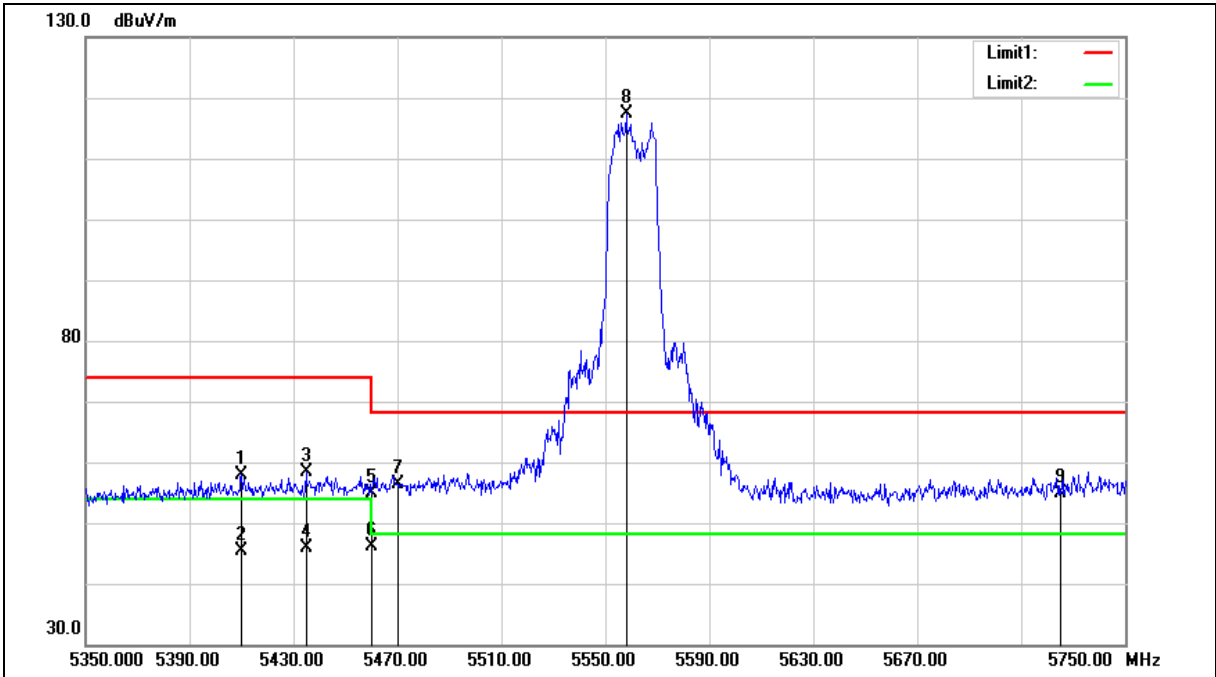
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5560 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:	5560 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	5410.000	50.99	6.88	57.87	74.00	-16.13	peak
2	5410.000	38.52	6.88	45.40	54.00	-8.60	AVG
3	5434.800	51.51	6.94	58.45	74.00	-15.55	peak
4	5434.800	38.84	6.94	45.78	54.00	-8.22	AVG
5	5460.000	47.85	7.00	54.85	74.00	-19.15	peak
6	5460.000	39.01	7.00	46.01	54.00	-7.99	AVG
7	5470.000	49.24	7.03	56.27	68.20	-11.93	peak
8	5558.000	110.19	7.22	117.41	---	---	peak
9	5725.000	47.42	7.57	54.99	68.20	-13.21	peak

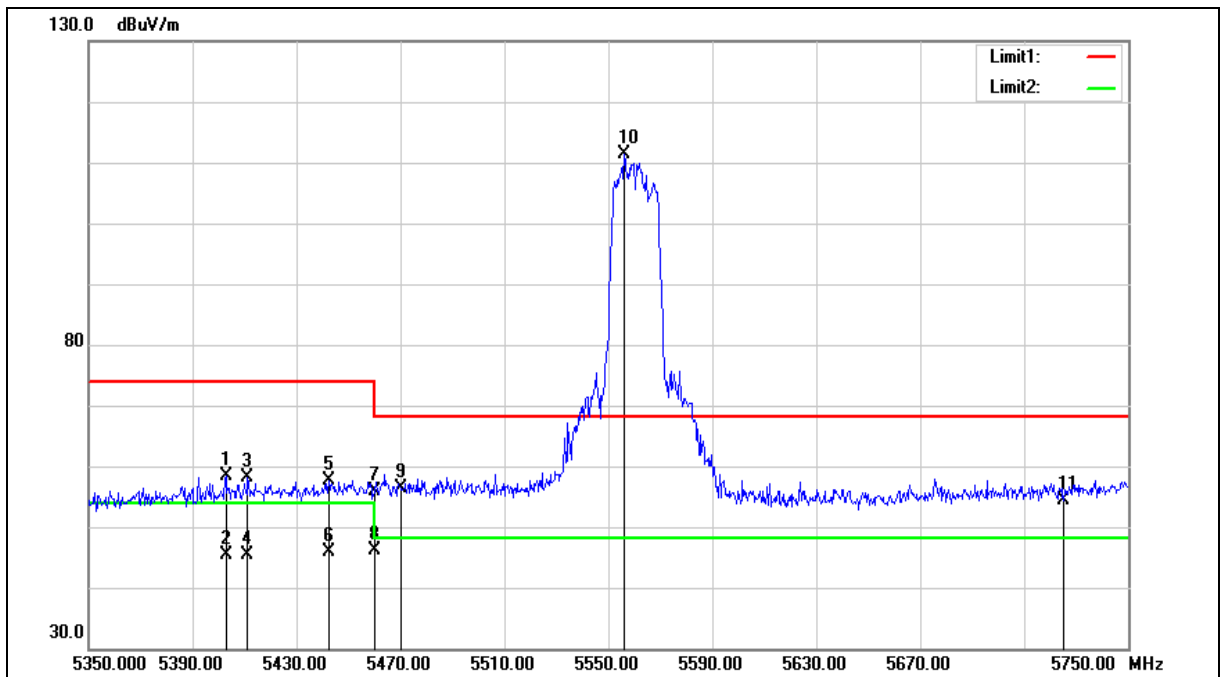
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5560 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:	5560 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 5		
Ant.Polar.:	Vertical		

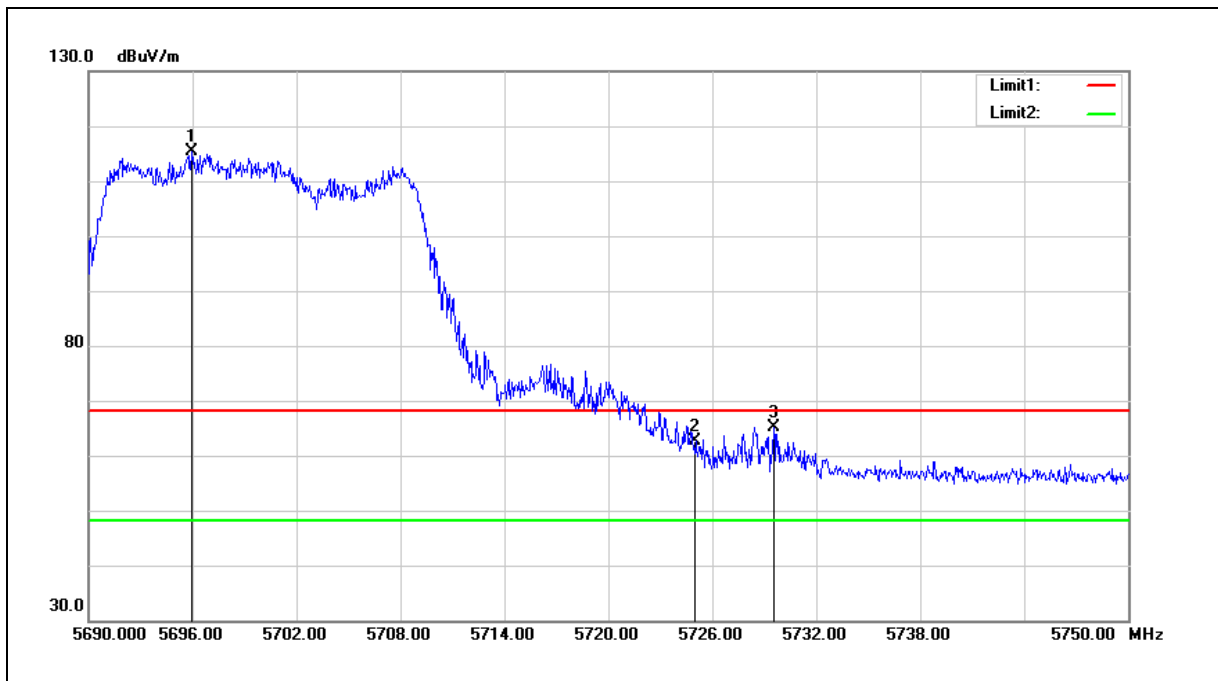
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5402.800	51.54	6.86	58.40	74.00	-15.60	peak
2	5402.800	38.53	6.86	45.39	54.00	-8.61	AVG
3	5411.200	51.23	6.88	58.11	74.00	-15.89	peak
4	5411.200	38.54	6.88	45.42	54.00	-8.58	AVG
5	5442.400	50.57	6.97	57.54	74.00	-16.46	peak
6	5442.400	38.98	6.97	45.95	54.00	-8.05	AVG
7	5460.000	48.96	7.00	55.96	74.00	-18.04	peak
8	5460.000	39.15	7.00	46.15	54.00	-7.85	AVG
9	5470.000	49.34	7.03	56.37	68.20	-11.83	peak
10	5556.000	104.18	7.21	111.39	---	---	peak
11	5725.000	46.89	7.57	54.46	68.20	-13.74	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.

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 5		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5695.940	107.78	7.51	115.29	---	---	peak
2	5725.000	55.14	7.57	62.71	68.20	-5.49	peak
3	5729.540	57.49	7.58	65.07	68.20	-3.13	peak

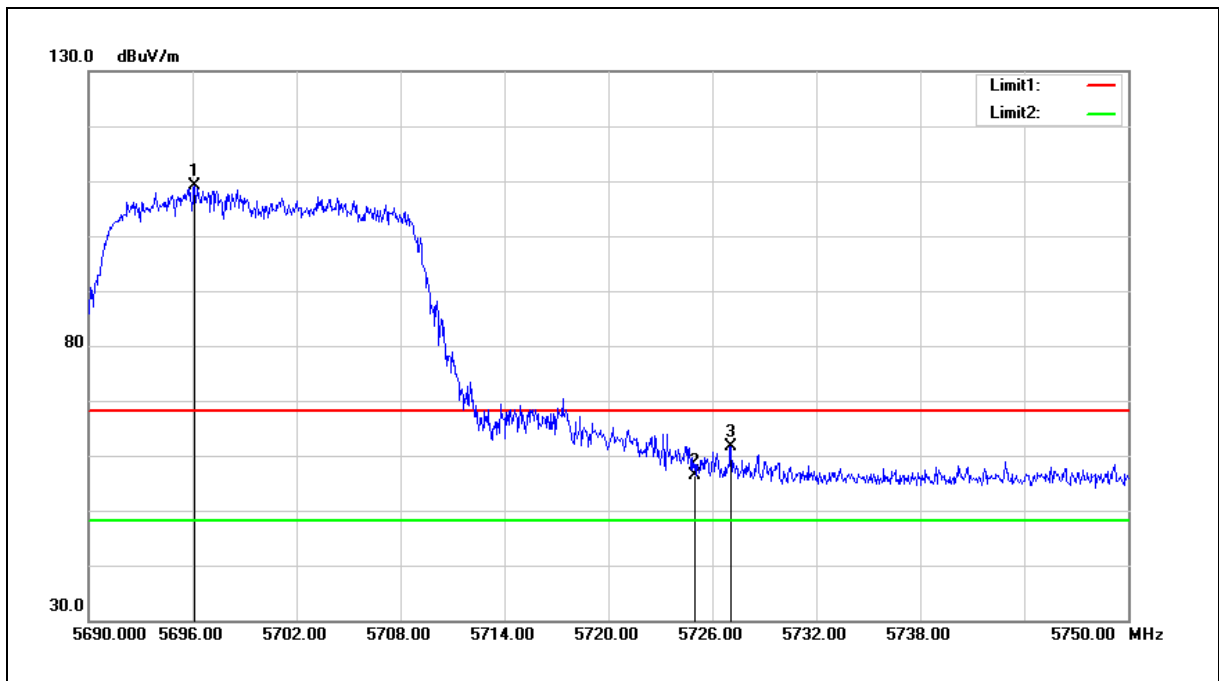
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5700 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	5696.120	101.52	7.51	109.03	---	---	peak
2	5725.000	48.92	7.57	56.49	68.20	-11.71	peak
3	5727.080	54.16	7.57	61.73	68.20	-6.47	peak

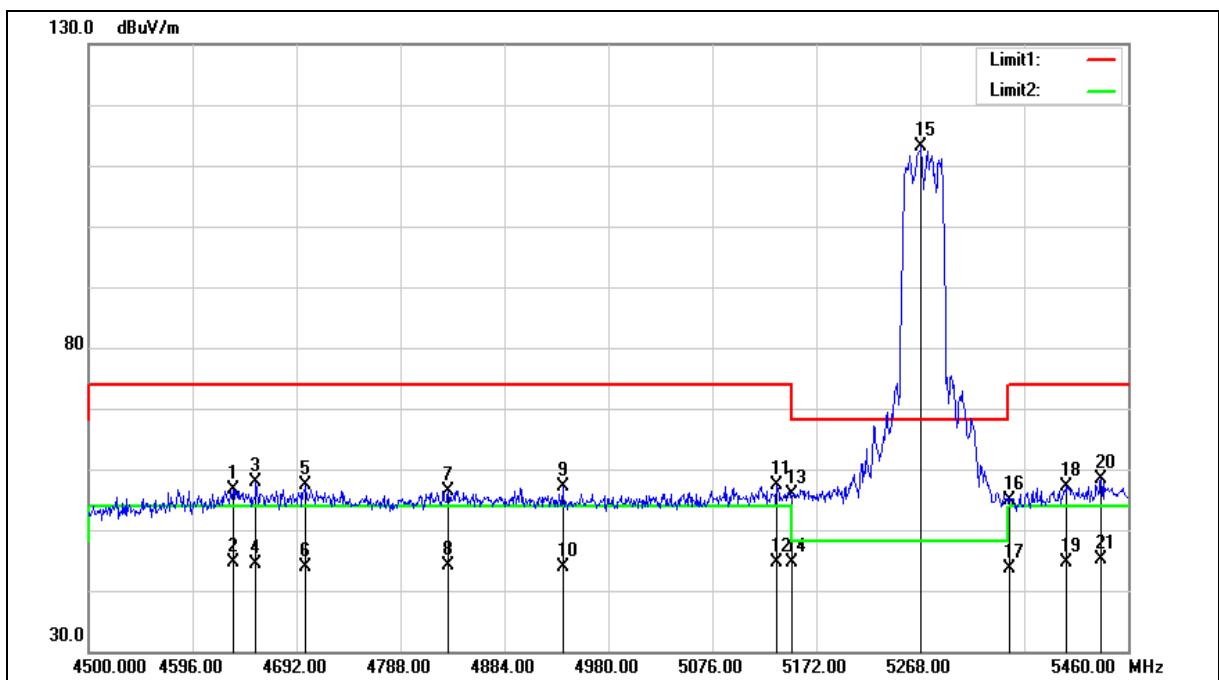
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4633.440	51.38	5.22	56.60	74.00	-17.40	peak
2	4633.440	39.49	5.22	44.71	54.00	-9.29	AVG
3	4654.560	52.66	5.25	57.91	74.00	-16.09	peak
4	4654.560	39.05	5.25	44.30	54.00	-9.70	AVG
5	4700.640	52.11	5.34	57.45	74.00	-16.55	peak
6	4700.640	38.50	5.34	43.84	54.00	-10.16	AVG
7	4832.160	50.91	5.58	56.49	74.00	-17.51	peak
8	4832.160	38.61	5.58	44.19	54.00	-9.81	AVG
9	4937.760	51.22	5.79	57.01	74.00	-16.99	peak
10	4937.760	38.04	5.79	43.83	54.00	-10.17	AVG
11	5135.520	51.12	6.23	57.35	74.00	-16.65	peak
12	5135.520	38.49	6.23	44.72	54.00	-9.28	AVG
13	5150.000	49.64	6.27	55.91	74.00	-18.09	peak
14	5150.000	38.46	6.27	44.73	54.00	-9.27	AVG
15	5268.960	106.64	6.56	113.20	---	---	peak
16	5350.000	48.09	6.74	54.83	74.00	-19.17	peak
17	5350.000	36.80	6.74	43.54	54.00	-10.46	AVG
18	5403.360	50.29	6.86	57.15	74.00	-16.85	peak
19	5403.360	37.88	6.86	44.74	54.00	-9.26	AVG
20	5435.040	51.53	6.95	58.48	74.00	-15.52	peak
21	5435.040	38.28	6.95	45.23	54.00	-8.77	AVG

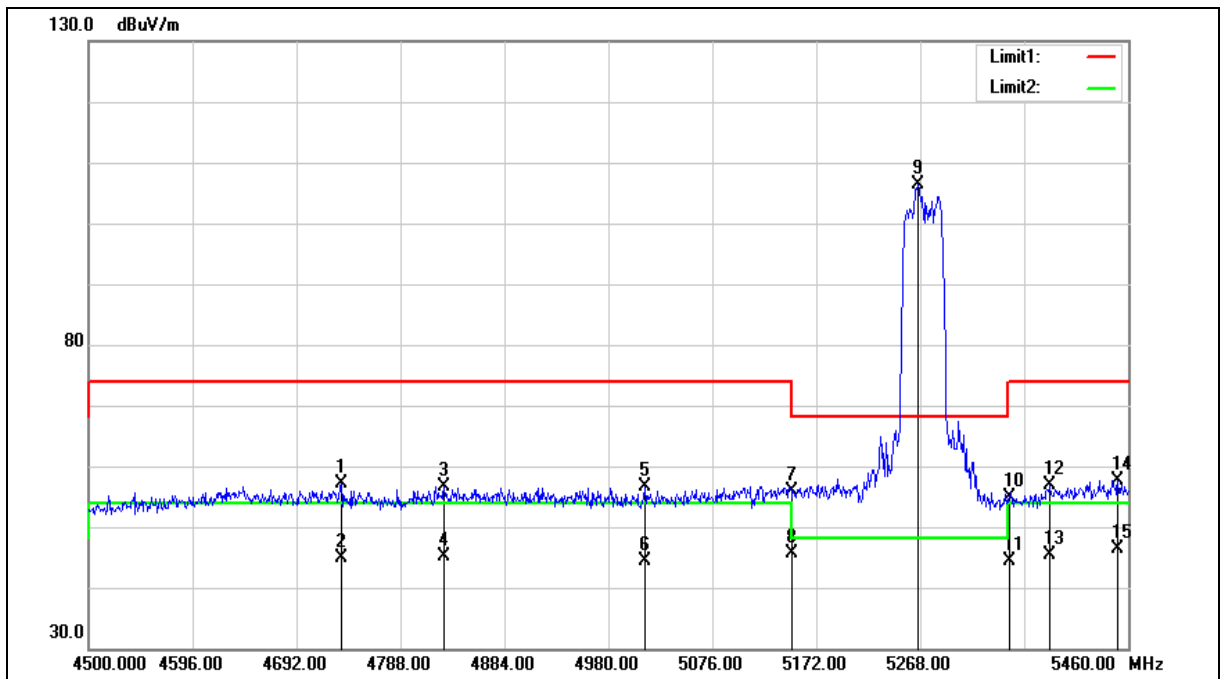
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5270 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4733.280	51.73	5.40	57.13	74.00	-16.87	peak
2	4733.280	39.60	5.40	45.00	54.00	-9.00	AVG
3	4828.320	51.14	5.58	56.72	74.00	-17.28	peak
4	4828.320	39.54	5.58	45.12	54.00	-8.88	AVG
5	5013.600	50.61	5.95	56.56	74.00	-17.44	peak
6	5013.600	38.54	5.95	44.49	54.00	-9.51	AVG
7	5150.000	49.60	6.27	55.87	74.00	-18.13	peak
8	5150.000	39.36	6.27	45.63	54.00	-8.37	AVG
9	5266.080	99.81	6.55	106.36	---	---	peak
10	5350.000	48.13	6.74	54.87	74.00	-19.13	peak
11	5350.000	37.75	6.74	44.49	54.00	-9.51	AVG
12	5388.000	50.03	6.83	56.86	74.00	-17.14	peak
13	5388.000	38.52	6.83	45.35	54.00	-8.65	AVG
14	5450.400	50.74	6.98	57.72	74.00	-16.28	peak
15	5450.400	39.43	6.98	46.41	54.00	-7.59	AVG

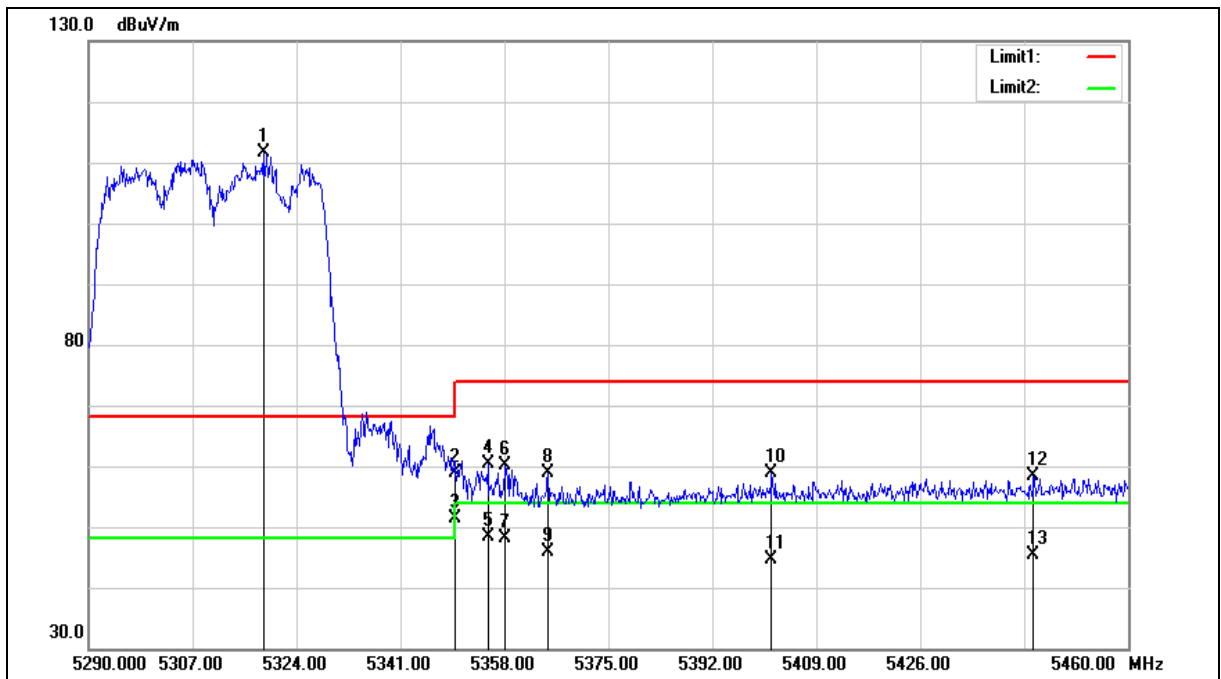
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5310 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
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 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.560	105.02	6.67	111.69	---	---	peak
2	5350.000	52.12	6.74	58.86	74.00	-15.14	peak
3	5350.000	44.61	6.74	51.35	54.00	-2.65	AVG
4	5355.280	53.55	6.75	60.30	74.00	-13.70	peak
5	5355.280	41.68	6.75	48.43	54.00	-5.57	AVG
6	5358.170	53.42	6.76	60.18	74.00	-13.82	peak
7	5358.170	41.46	6.76	48.22	54.00	-5.78	AVG
8	5365.140	52.03	6.78	58.81	74.00	-15.19	peak
9	5365.140	39.21	6.78	45.99	54.00	-8.01	AVG
10	5401.690	51.92	6.86	58.78	74.00	-15.22	peak
11	5401.690	37.84	6.86	44.70	54.00	-9.30	AVG
12	5444.530	51.29	6.97	58.26	74.00	-15.74	peak
13	5444.530	38.42	6.97	45.39	54.00	-8.61	AVG

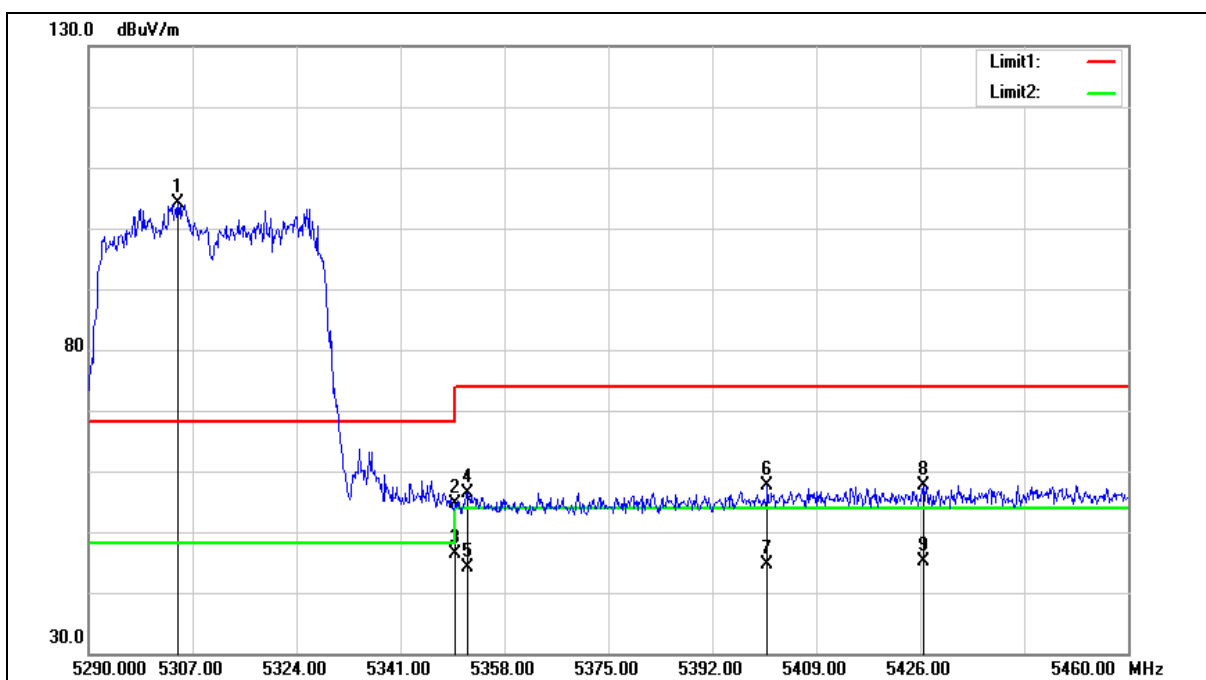
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 6		
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 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5304.620	97.55	6.63	104.18	---	---	peak
2	5350.000	47.81	6.74	54.55	74.00	-19.45	peak
3	5350.000	39.76	6.74	46.50	54.00	-7.50	AVG
4	5351.880	49.68	6.75	56.43	74.00	-17.57	peak
5	5351.880	37.39	6.75	44.14	54.00	-9.86	AVG
6	5401.010	50.85	6.86	57.71	74.00	-16.29	peak
7	5401.010	37.84	6.86	44.70	54.00	-9.30	AVG
8	5426.510	50.71	6.93	57.64	74.00	-16.36	peak
9	5426.510	38.17	6.93	45.10	54.00	-8.90	AVG

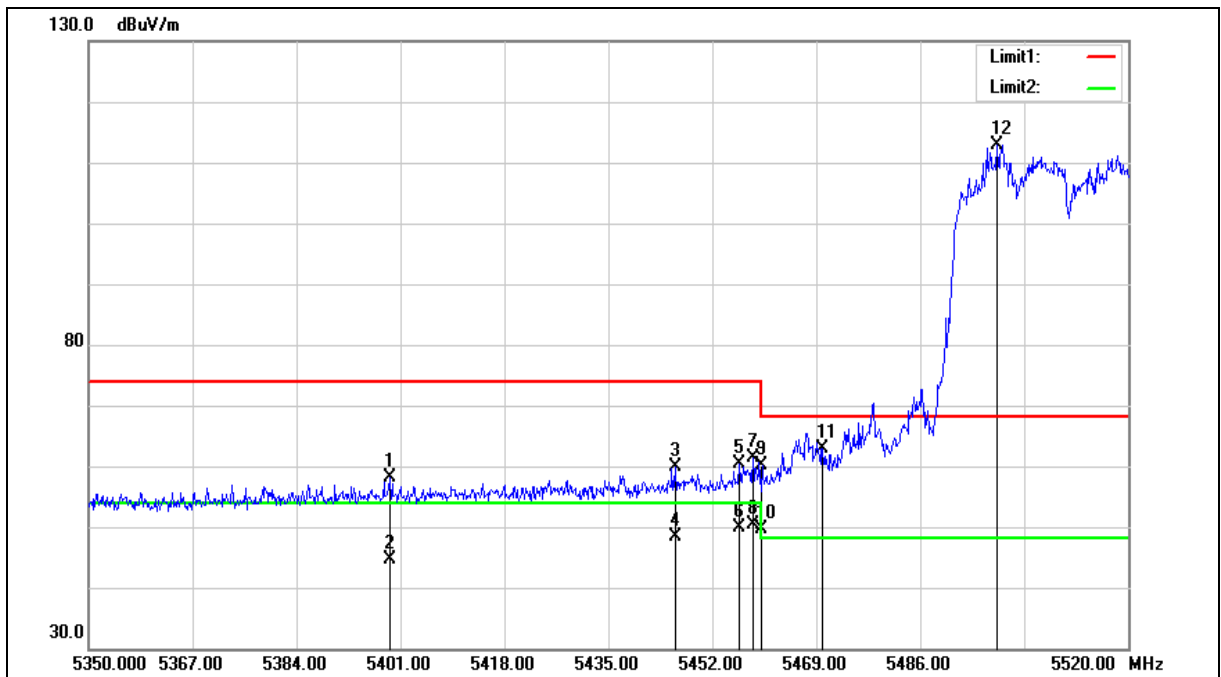
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
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 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5399.300	51.31	6.86	58.17	74.00	-15.83	peak
2	5399.300	37.79	6.86	44.65	54.00	-9.35	AVG
3	5445.880	53.00	6.98	59.98	74.00	-14.02	peak
4	5445.880	41.30	6.98	48.28	54.00	-5.72	AVG
5	5456.420	53.27	7.00	60.27	74.00	-13.73	peak
6	5456.420	42.87	7.00	49.87	54.00	-4.13	AVG
7	5458.630	54.40	7.00	61.40	74.00	-12.60	peak
8	5458.630	43.30	7.00	50.30	54.00	-3.70	AVG
9	5460.000	53.11	7.00	60.11	74.00	-13.89	peak
10	5460.000	42.71	7.00	49.71	54.00	-4.29	AVG
11	5470.000	55.73	7.03	62.76	68.20	-5.44	peak
12	5498.580	105.84	7.10	112.94	---	---	peak

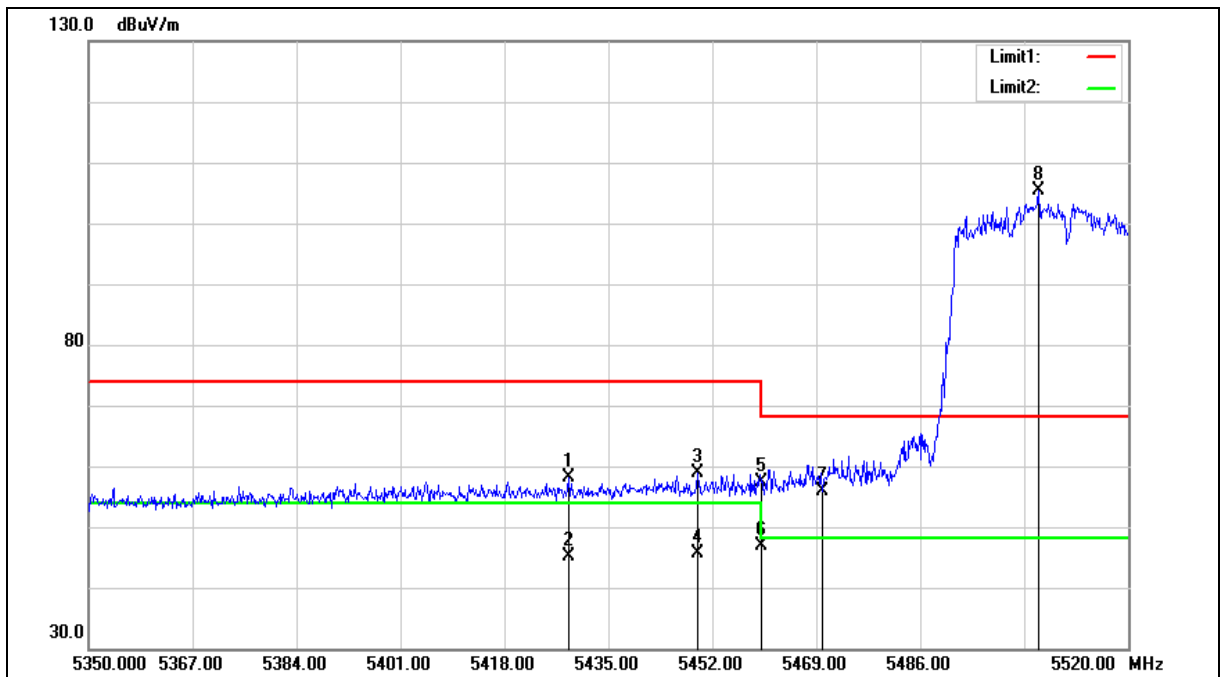
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
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 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5428.540	51.08	6.93	58.01	74.00	-15.99	peak
2	5428.540	38.23	6.93	45.16	54.00	-8.84	AVG
3	5449.620	51.79	6.98	58.77	74.00	-15.23	peak
4	5449.620	38.57	6.98	45.55	54.00	-8.45	AVG
5	5460.000	50.40	7.00	57.40	74.00	-16.60	peak
6	5460.000	39.80	7.00	46.80	54.00	-7.20	AVG
7	5470.000	48.88	7.03	55.91	68.20	-12.29	peak
8	5505.380	98.19	7.11	105.30	---	---	peak

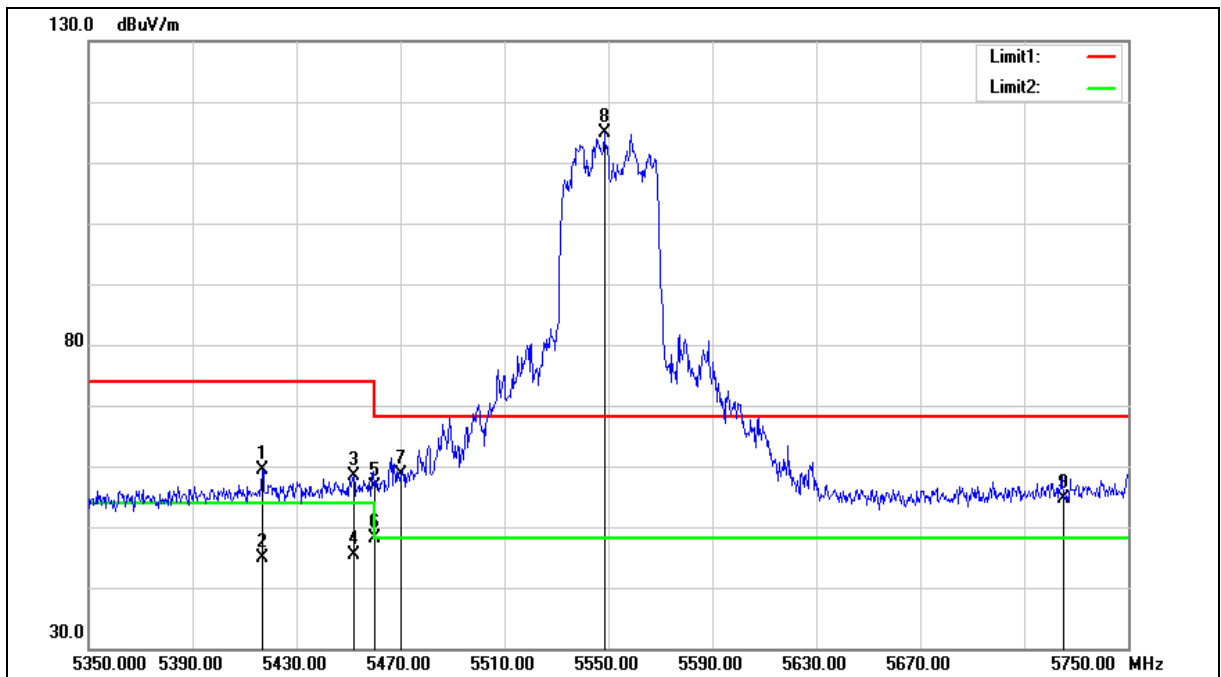
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5416.800	52.45	6.91	59.36	74.00	-14.64	peak
2	5416.800	37.99	6.91	44.90	54.00	-9.10	AVG
3	5452.000	51.43	6.99	58.42	74.00	-15.58	peak
4	5452.000	38.51	6.99	45.50	54.00	-8.50	AVG
5	5460.000	49.67	7.00	56.67	74.00	-17.33	peak
6	5460.000	41.14	7.00	48.14	54.00	-5.86	AVG
7	5470.000	51.57	7.03	58.60	68.20	-9.60	peak
8	5548.400	107.60	7.20	114.80	---	---	peak
9	5725.000	46.98	7.57	54.55	68.20	-13.65	peak

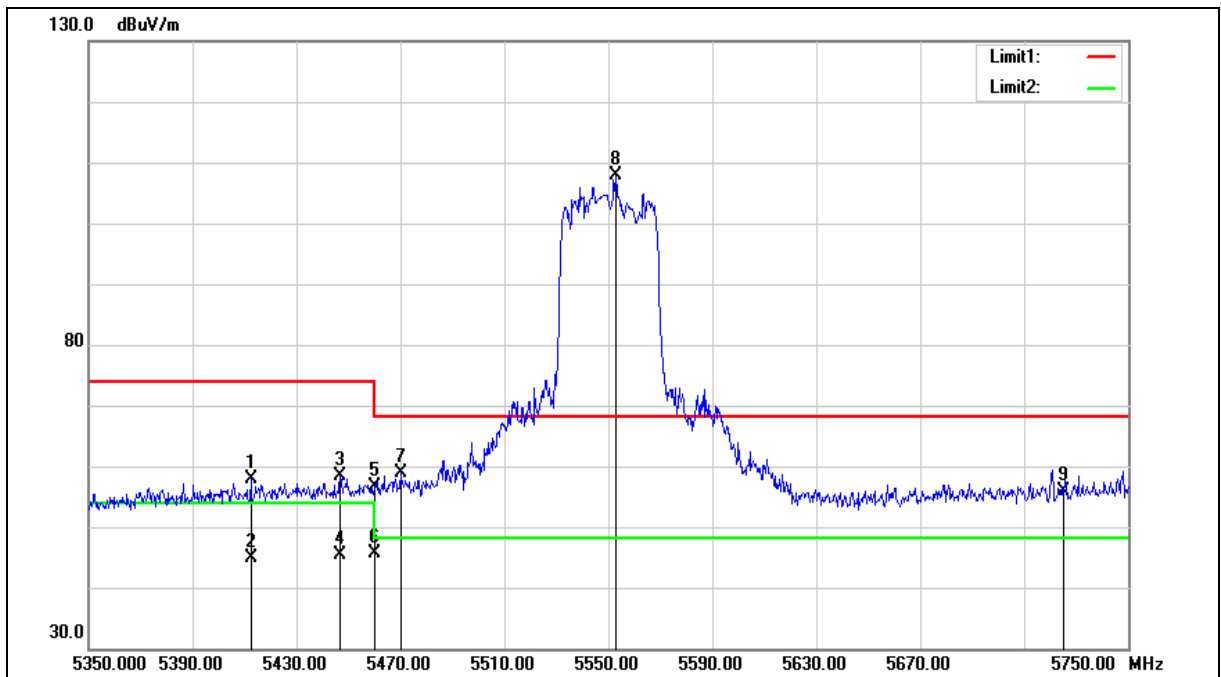
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5550 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

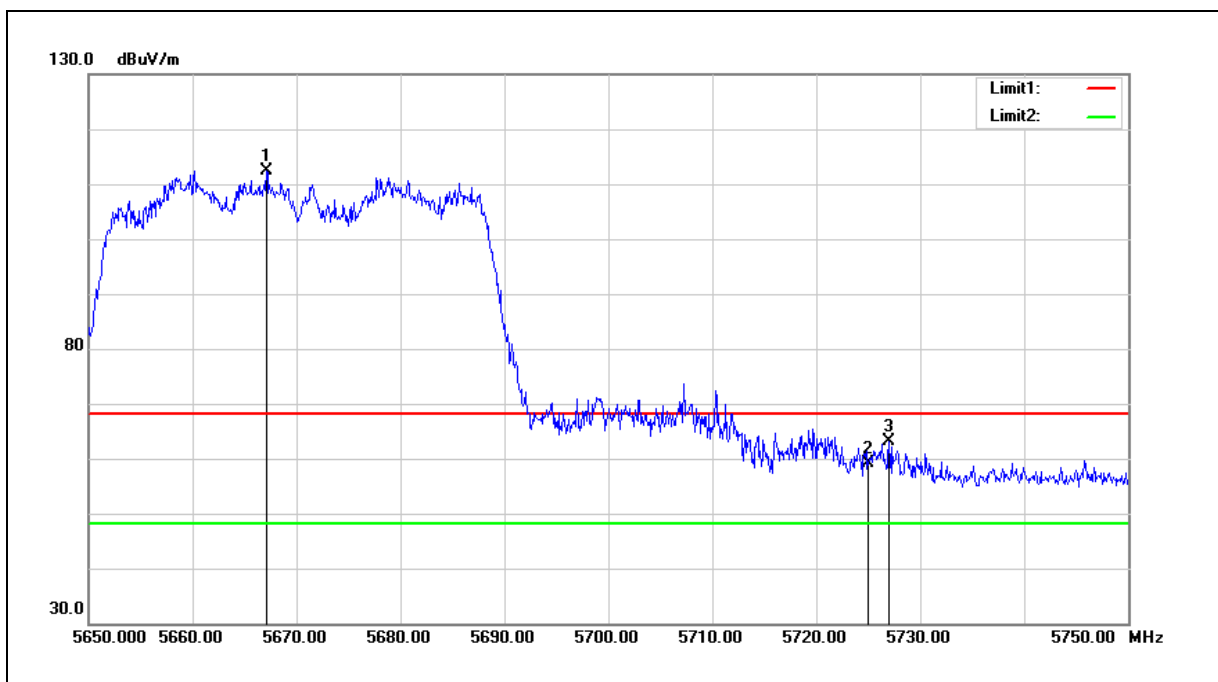
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5412.400	50.92	6.88	57.80	74.00	-16.20	peak
2	5412.400	37.97	6.88	44.85	54.00	-9.15	AVG
3	5446.800	51.50	6.98	58.48	74.00	-15.52	peak
4	5446.800	38.47	6.98	45.45	54.00	-8.55	AVG
5	5460.000	49.64	7.00	56.64	74.00	-17.36	peak
6	5460.000	38.53	7.00	45.53	54.00	-8.47	AVG
7	5470.000	51.93	7.03	58.96	68.20	-9.24	peak
8	5552.800	100.58	7.20	107.78	---	---	peak
9	5725.000	48.19	7.57	55.76	68.20	-12.44	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 6		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5667.100	104.84	7.45	112.29	---	---	peak
2	5725.000	51.52	7.57	59.09	68.20	-9.11	peak
3	5727.000	55.52	7.57	63.09	68.20	-5.11	peak

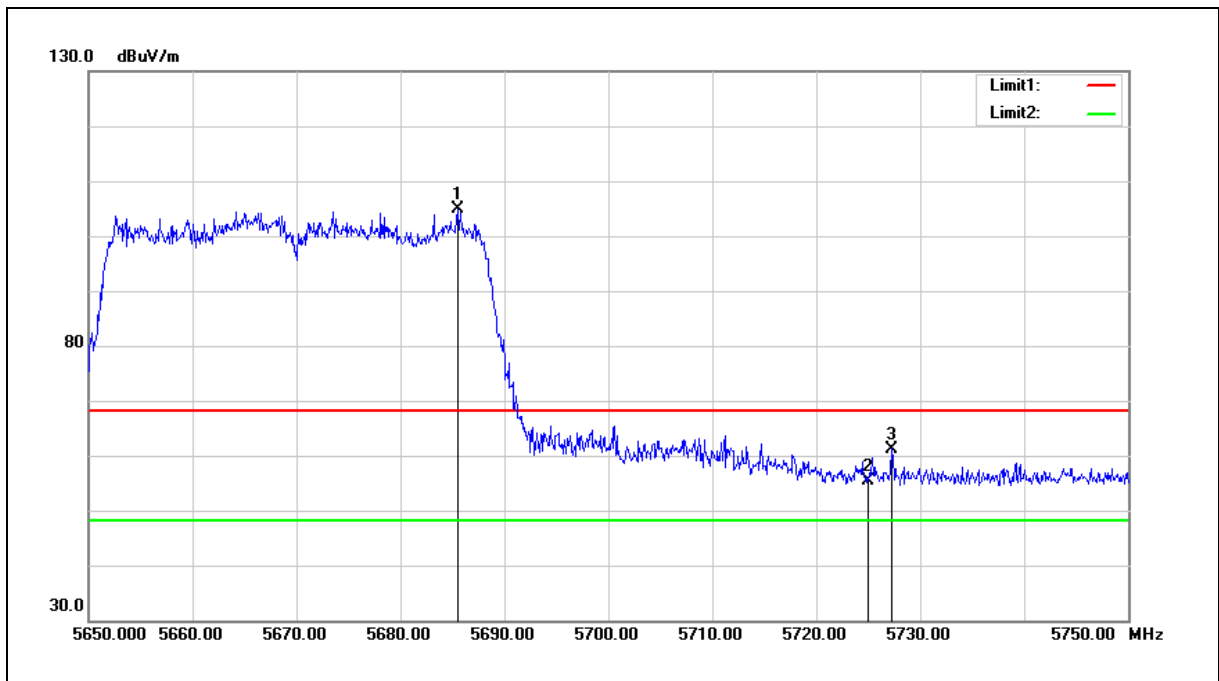
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5685.500	97.27	7.49	104.76	---	---	peak
2	5725.000	47.78	7.57	55.35	68.20	-12.85	peak
3	5727.200	53.68	7.57	61.25	68.20	-6.95	peak

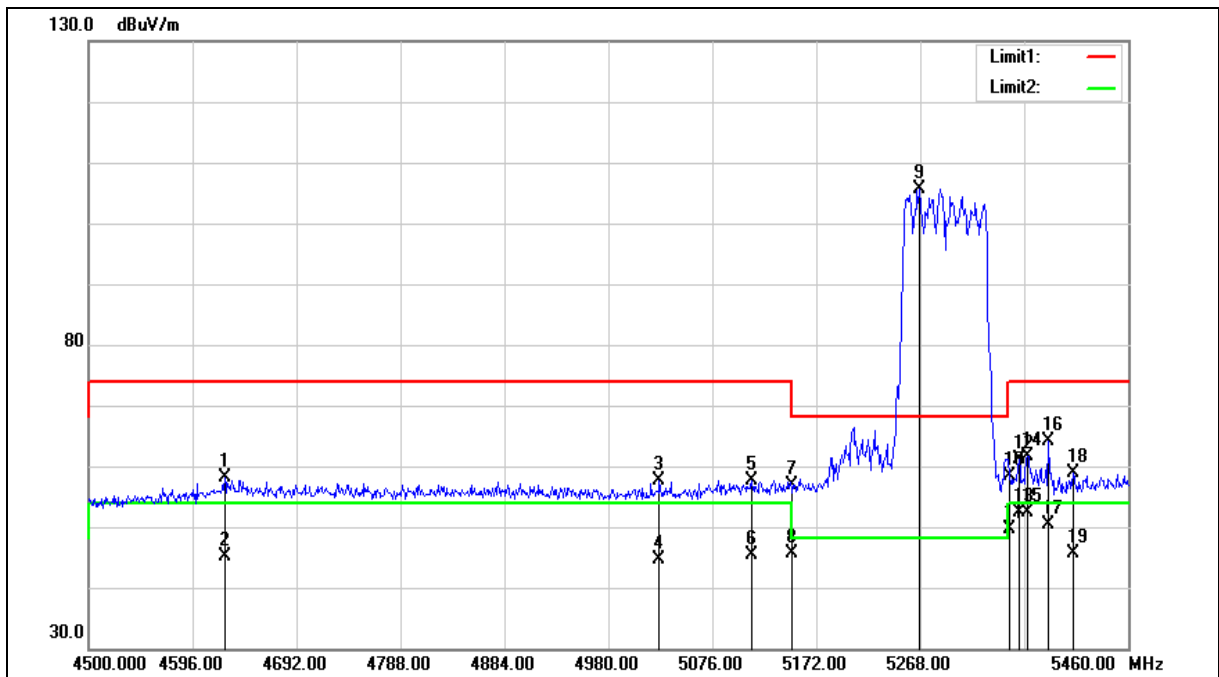
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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 7		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4625.760	52.95	5.19	58.14	74.00	-15.86	peak
2	4625.760	39.87	5.19	45.06	54.00	-8.94	AVG
3	5027.040	51.54	5.97	57.51	74.00	-16.49	peak
4	5027.040	38.57	5.97	44.54	54.00	-9.46	AVG
5	5112.480	51.33	6.18	57.51	74.00	-16.49	peak
6	5112.480	39.17	6.18	45.35	54.00	-8.65	AVG
7	5150.000	50.69	6.27	56.96	74.00	-17.04	peak
8	5150.000	39.29	6.27	45.56	54.00	-8.44	AVG
9	5267.040	99.13	6.55	105.68	---	---	peak
10	5350.000	51.70	6.74	58.44	74.00	-15.56	peak
11	5350.000	42.87	6.74	49.61	54.00	-4.39	AVG
12	5359.200	54.29	6.76	61.05	74.00	-12.95	peak
13	5359.200	45.69	6.76	52.45	54.00	-1.55	AVG
14	5366.880	54.80	6.78	61.58	74.00	-12.42	peak
15	5366.880	45.62	6.78	52.40	54.00	-1.60	AVG
16	5386.080	57.37	6.82	64.19	74.00	-9.81	peak
17	5386.080	43.56	6.82	50.38	54.00	-3.62	AVG
18	5409.120	51.94	6.88	58.82	74.00	-15.18	peak
19	5409.120	38.74	6.88	45.62	54.00	-8.38	AVG

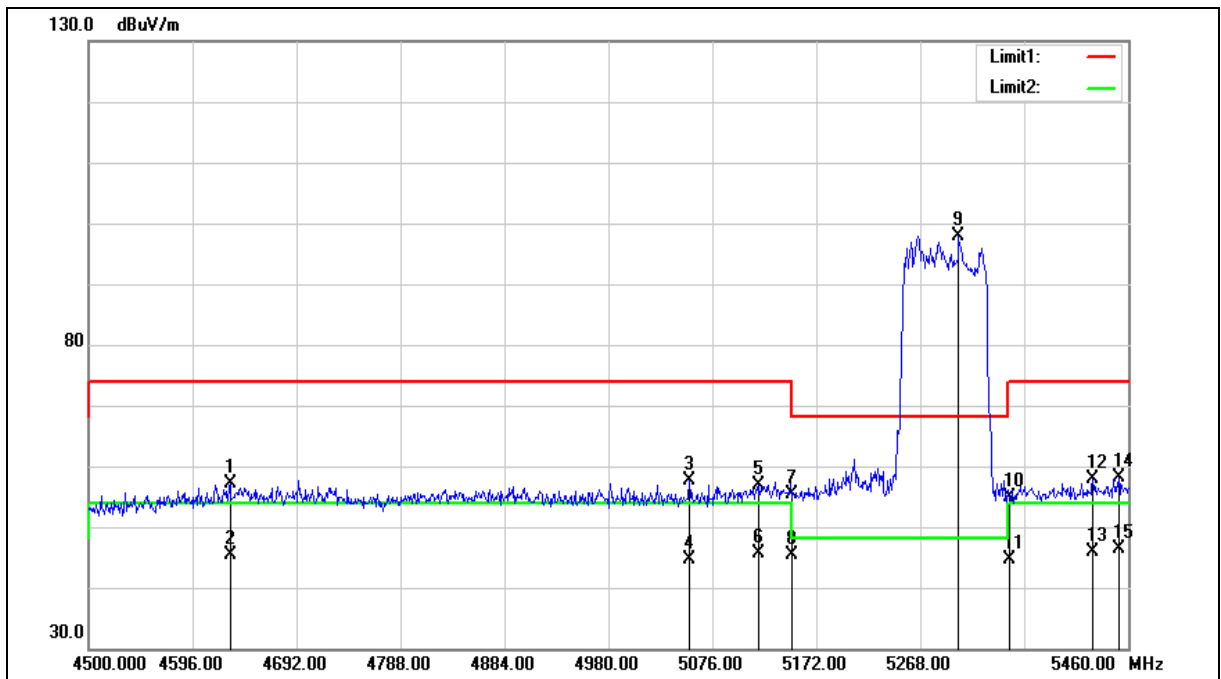
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4630.560	51.99	5.20	57.19	74.00	-16.81	peak
2	4630.560	40.14	5.20	45.34	54.00	-8.66	AVG
3	5054.880	51.58	6.04	57.62	74.00	-16.38	peak
4	5054.880	38.58	6.04	44.62	54.00	-9.38	AVG
5	5119.200	50.59	6.20	56.79	74.00	-17.21	peak
6	5119.200	39.37	6.20	45.57	54.00	-8.43	AVG
7	5150.000	49.13	6.27	55.40	74.00	-18.60	peak
8	5150.000	39.21	6.27	45.48	54.00	-8.52	AVG
9	5303.520	91.34	6.63	97.97	---	---	peak
10	5350.000	48.10	6.74	54.84	74.00	-19.16	peak
11	5350.000	37.90	6.74	44.64	54.00	-9.36	AVG
12	5427.360	50.88	6.93	57.81	74.00	-16.19	peak
13	5427.360	39.02	6.93	45.95	54.00	-8.05	AVG
14	5451.360	51.07	6.99	58.06	74.00	-15.94	peak
15	5451.360	39.34	6.99	46.33	54.00	-7.67	AVG

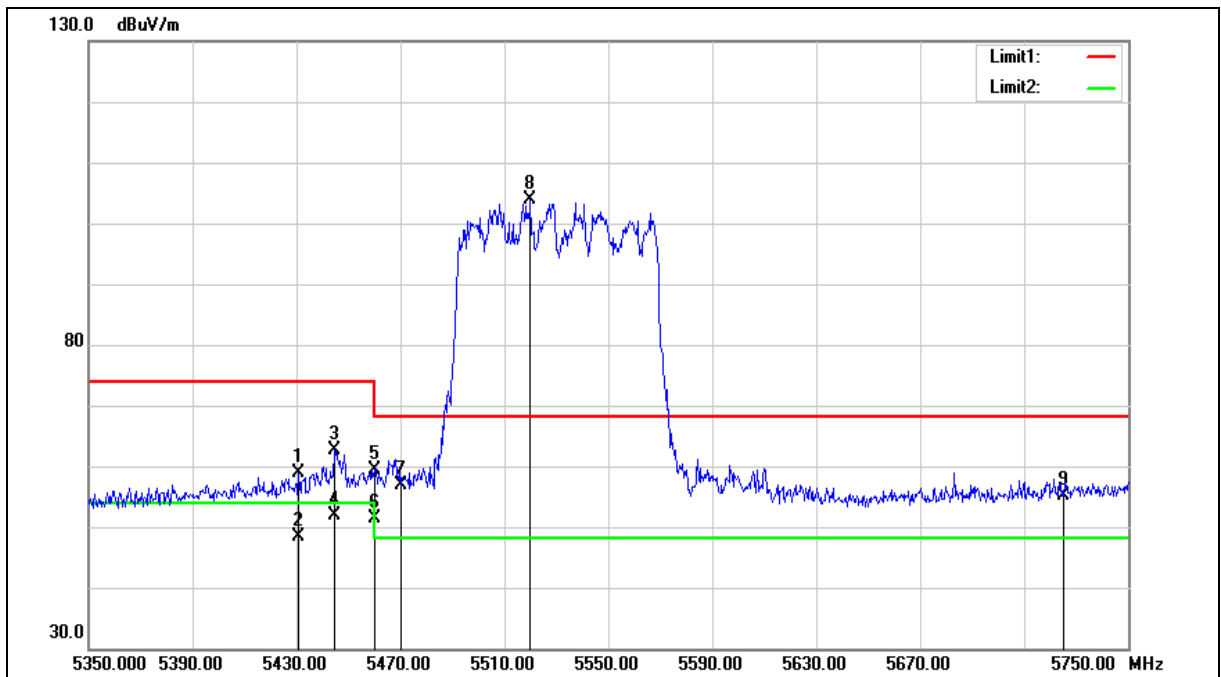
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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 7		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5430.800	51.98	6.94	58.92	74.00	-15.08	peak
2	5430.800	41.33	6.94	48.27	54.00	-5.73	AVG
3	5444.400	55.65	6.97	62.62	74.00	-11.38	peak
4	5444.400	44.99	6.97	51.96	54.00	-2.04	AVG
5	5460.000	52.30	7.00	59.30	74.00	-14.70	peak
6	5460.000	44.35	7.00	51.35	54.00	-2.65	AVG
7	5470.000	49.83	7.03	56.86	68.20	-11.34	peak
8	5520.000	96.62	7.14	103.76	---	---	peak
9	5725.000	47.58	7.57	55.15	68.20	-13.05	peak

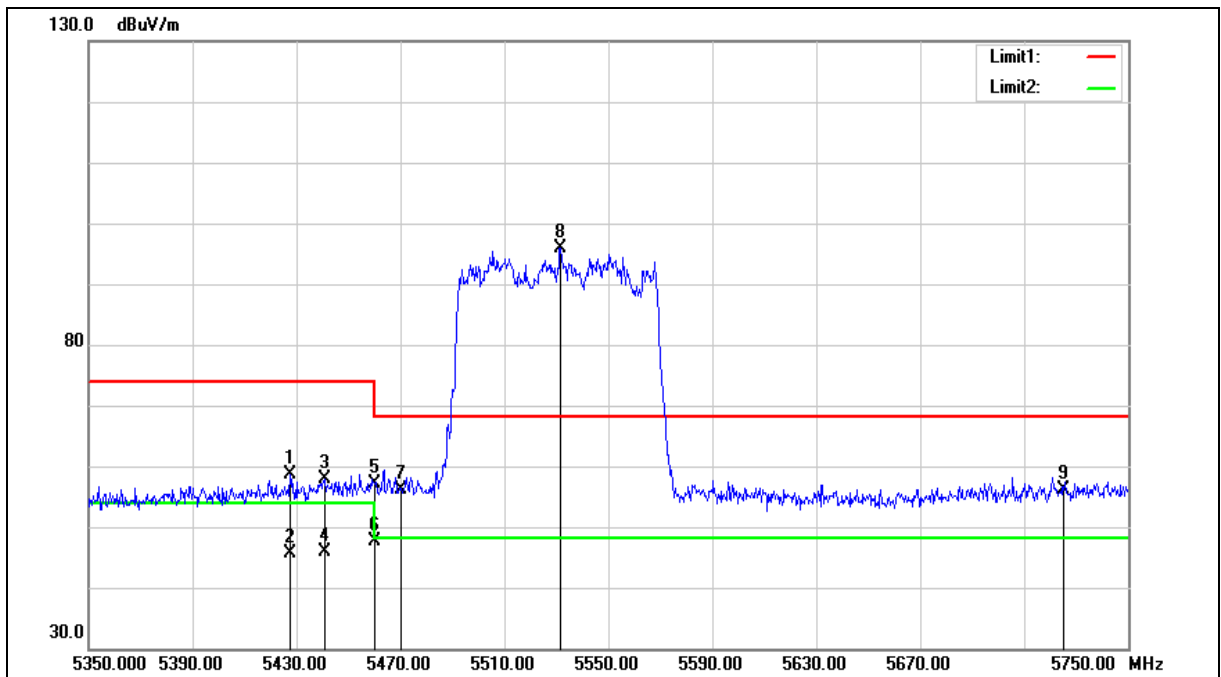
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
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 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5427.600	51.62	6.93	58.55	74.00	-15.45	peak
2	5427.600	38.68	6.93	45.61	54.00	-8.39	AVG
3	5440.800	51.03	6.97	58.00	74.00	-16.00	peak
4	5440.800	38.96	6.97	45.93	54.00	-8.07	AVG
5	5460.000	50.11	7.00	57.11	74.00	-16.89	peak
6	5460.000	40.62	7.00	47.62	54.00	-6.38	AVG
7	5470.000	49.19	7.03	56.22	68.20	-11.98	peak
8	5531.600	88.64	7.16	95.80	---	---	peak
9	5725.000	48.51	7.57	56.08	68.20	-12.12	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.