RF Test Report

Applicant	:	OpenPath Security, Inc.
Product Type	:	Single Door Controller
Trade Name	:	openpath
Model Number	:	OP-2ESH-POE
Applicable Standard	:	FCC 47 CFR PART 15 SUBPART E ANSI C63.10:2013
Received Date	:	Dec. 27, 2019
Test Period	:	Jan. 17 ~ Feb. 03, 2020
Issued Date	:	Feb. 10, 2020

Issued by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade District,
Taoyuan City 33465, Taiwan (R.O.C.)
Tel：+86-3-2710188 / Fax：+86-3-2710190

Taiwan Accreditation Foundation accreditation number: 1330
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.	Issued Date	Revisions	Revised By
00	Feb. 10, 2020	Initial Issue	Tobey Cheng

Verification of Compliance

Issued Date: Feb. 10, 2020

Applicant	:	OpenPath Security, Inc.
Product Type	:	Single Door Controller
Trade Name	:	openpath
Model Number	:	OP-2ESH-POE
FCC ID	:	2APJV2ESH
EUT Rated Voltage	:	DC 24/12 V, 1.1/2.2 A (DC Input) DC 48 V, 0.55 A (PoE Input)
Test Voltage	:	120 Vac / 60 Hz
Applicable Standard	:	FCC 47 CFR PART 15 SUBPART E ANSI C63.10:2013
Test Result	:	Complied
Performing Lab.	:	A Test Lab Techno Corp. No. 140-1, Changan Street, Bade District, Taoyuan City 33465, Taiwan (R.O.C.) Tel：+86-3-2710188 / Fax：+86-3-2710190 Taiwan Accreditation Foundation accreditation number: 1330 http://www.atl-lab.com.tw/e-index.htm

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

Approved By : Fly Lu

(Manager) (Fly Lu)

TABLE OF CONTENTS

1 General Information

1.1. Summary of Test Result

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

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

1.2. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty (dB)
Conducted Emission	150 kHz ~ 30 MHz	2.68
Radiated Emission	9 kHz ~ 30 MHz	2.14
	30 MHz ~ 1000 MHz	4.99
	1000 MHz ~ 18000 MHz	4.99
	18000 MHz ~ 26500 MHz	4.23
	26500 MHz ~ 40000 MHz	4.39
Conducted Output Power		0.92 dB
RF Bandwidth		4.79 %
Power Spectral Density		0.92 dB
Frequency Stability		4.1 x 10^-8
Duty Cycle		1.06 %
Time Occupancy		1.40 %

Decision Rule

■ Uncertainty is not included.

□ Uncertainty is included.

2 EUT Description

Applicant	OpenPath Security, Inc. 13428 Maxella Ave, #866, Marina Del Rey, CA 90292			
Manufacturer	OpenPath Security, Inc. 13428 Maxella Ave, #866, Marina Del Rey, CA 90292			
Product Type	Single Door Controller			
Trade Name	openpath			
Model No.	OP-2ESH-POE			
FCC ID	2APJV2ESH			
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels
	IEEE 802.11a	U-NII Band I	5180 – 5240	3
		U-NII Band II-A	5260 – 5320	3
		U-NII Band II-C	5500 – 5700	3
		U-NII Band III	5745 – 5825	3
	IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz	U-NII Band I	5180 – 5240	3
		U-NII Band II-A	5260 – 5320	3
		U-NII Band II-C	5500 – 5700	3
		U-NII Band III	5745 – 5825	3
Modulation Type	OFDM			
Equipment Type	Client devices			
Antenna information	Model Number	Type	Max. Gain (dBi)	
	ALX19P-222AA3-00	Embedded Antenna	3.8	
Antenna Delivery	Reference section 3.1			
Operate Temp. Range	0 ~ 50 ℃			

Frequency Band		RF Output Power (W)
IEEE 802.11a	U-NII Band I	0.169
	U-NII Band II-A	0.161
	U-NII Band II-C	0.114
	U-NII Band III	0.168
IEEE 802.11ac 20 MHz	U-NII Band I	0.163
	U-NII Band II-A	0.152
	U-NII Band II-C	0.124
	U-NII Band III	0.160

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

3 Test Methodology

3.1. Mode of Operation

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

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

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

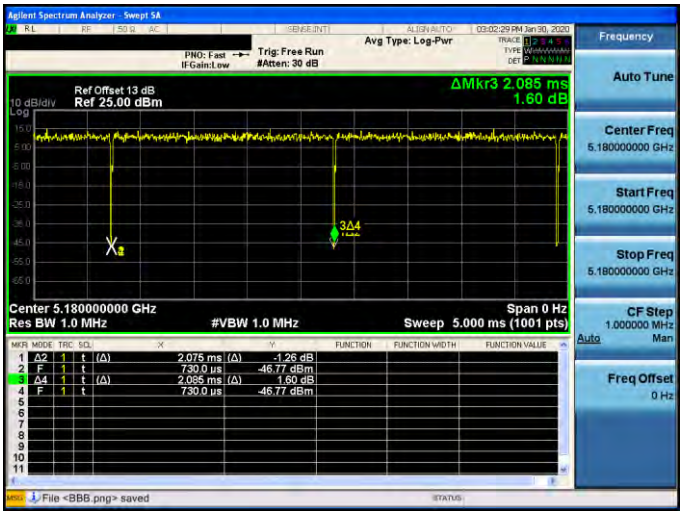
Test Mode	ANT-0
Mode 2	V
Mode 3	V

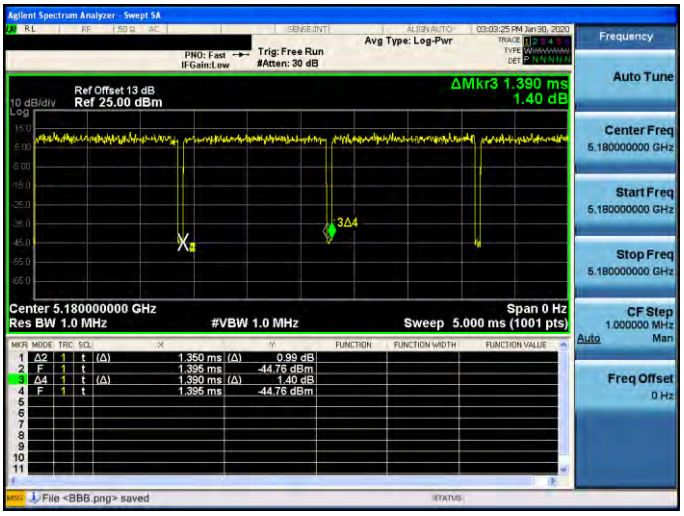
Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 2	1TX	6	U-NII Band I	36, 40, 48
			U-NII Band II-A	52, 56, 64
			U-NII Band II-C	100, 112, 140
			U-NII Band III	149, 157, 165
Mode 3	1TX	6.5	U-NII Band I	36, 40, 48
			U-NII Band II-A	52, 56, 64
			U-NII Band II-C	100, 112, 140
			U-NII Band III	149, 157, 165

Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	5180.0	2.075	2.085	0.995	0.021	0.010
Mode 3	5180.0	1.350	1.390	0.971	0.127	0.741

Duty Cycle Graphs

Mode 2: IEEE 802.11a Continuous TX mode	
On+off time	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode	
On+off time	

3.2. EUT Test Step

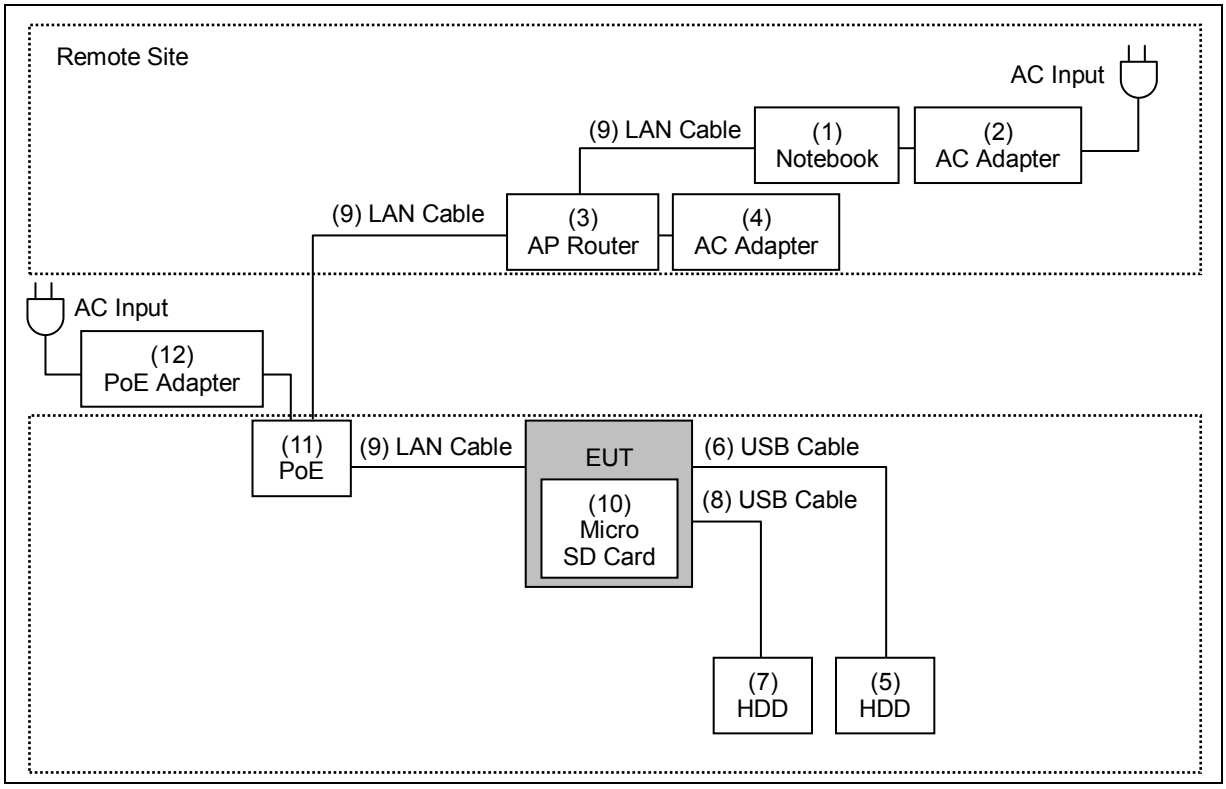
The EUT is operated in the engineering mode to fix the TX frequency for the purposes of measurement. According to its specifications, the EUT must comply with the requirements of Section 15.407 under the FCC Rules Part 15 Subpart E.

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

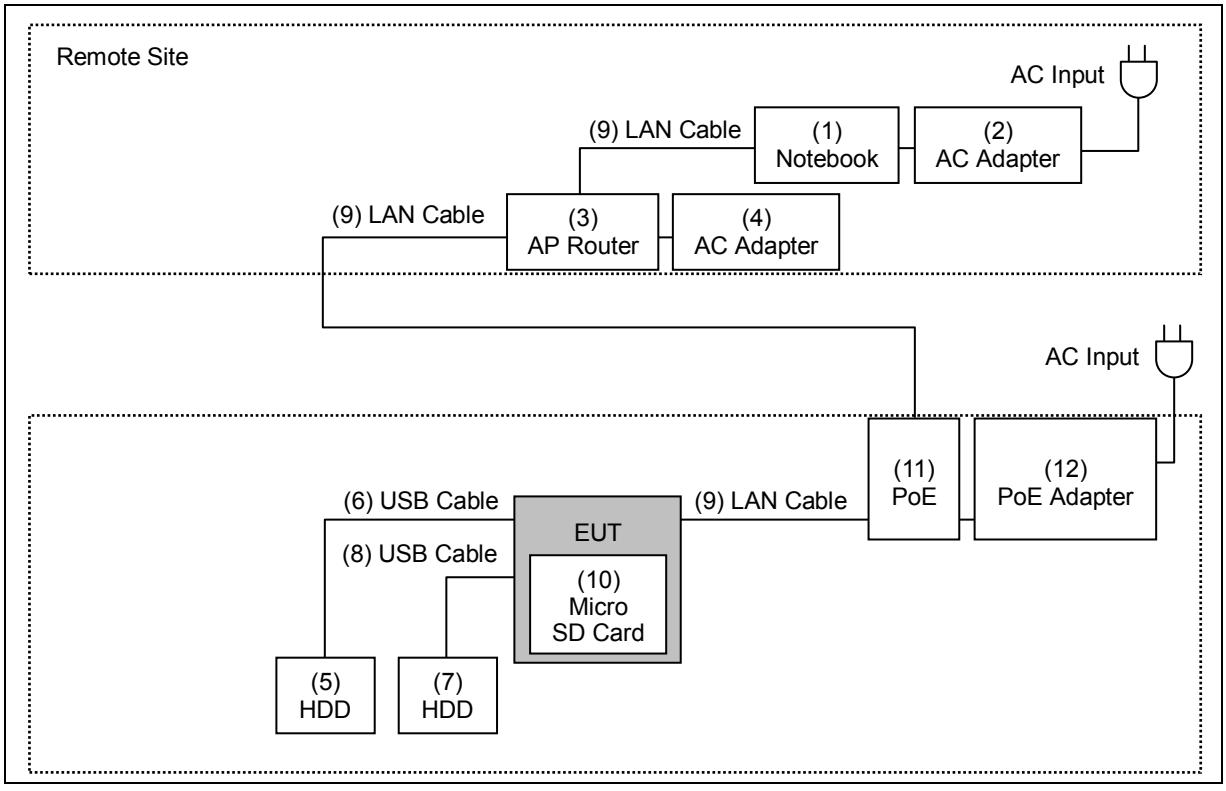
Measurement Software			
No.	Description	Software	Version
1	Conducted Emission	EZ EMC	1.1.4.3
2	Radiated Emission	EZ EMC	1.1.4.4

3.3. Configuration of Test System Details

Conducted Emission



Radiated Emission



Devices Description					
Product		Manufacturer	Model Number	Serial Number	Power Cord
(1)	Notebook	ASUS	P2430U	GANXCV04H86940A	---
(2)	AC Adapter	ASUS	ADP-65GD B	---	---
(3)	AP Router	NETGEAR	R7800	4H726754008FC	---
(4)	AC Adapter	NETGEAR	2AAF042F	332-10622-01	---
(5)	HDD	Transend	TS1TSJ25A3K-RU	E40246-0203	---
(6)	USB Cable	Transend	TS1TSJ25A3K-RU	E40246-0203	---
(7)	HDD	Transend	TS1TSJ25A3K-RU	E40246-0204	---
(8)	USB Cable	Transend	TS1TSJ25A3K-RU	E40246-0204	---
(9)	LAN Cable	HUAWEI	UL2464	---	---
(10)	Micro SD Card	Transcend	UHS-I U1	---	---
(11)	PoE	EDIMAX	PE-1000IPB	---	---
(12)	PoE Adapter	JUNCTION GLOBAL TECHNOLOGY CO., LTD	ZZU1588-060540	---	---

3.4. Test Instruments

For Conducted Emission
Test Period: Feb.03, 2020
Testing Engineer: Louis Shen

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

For Radiated Emissions
Test Period: Jan. 17 ~ Jan. 22, 2020
Testing Engineer: Ricky Liu

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9010A	MY52221312	01/13/2020	1 year
Pre Amplifier (1~26.5 GHz)	Agilent	8449B	3008A02237	10/18/2019	1 year
Pre Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	01/15/2020	1 year
Pre Amplifier (26.5~40 GHz)	EMCI	EMC2654045	980028	08/23/2019	1 year
Broadband Antenna	Schwarzbeck	VULB9168	416	10/23/2019	1 year
Horn Antenna (1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	08/22/2019	1 year
RF Cable	EMCI	EMC104-N-N-6000	TE01-1	02/20/2019	1 year
Microwave Cable	EMCI	EMC104-SM -SM-13000	170814	10/29/2019	1 year
Microwave Cable	EMCI	EMC102-KM -KM-14000	151001	02/20/2019	1 year

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

For Conducted
Test Period: Jan. 30 ~ Jan. 31, 2020
Testing Engineer: Negi Chiu

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

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

3.5. Test Site Environment

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

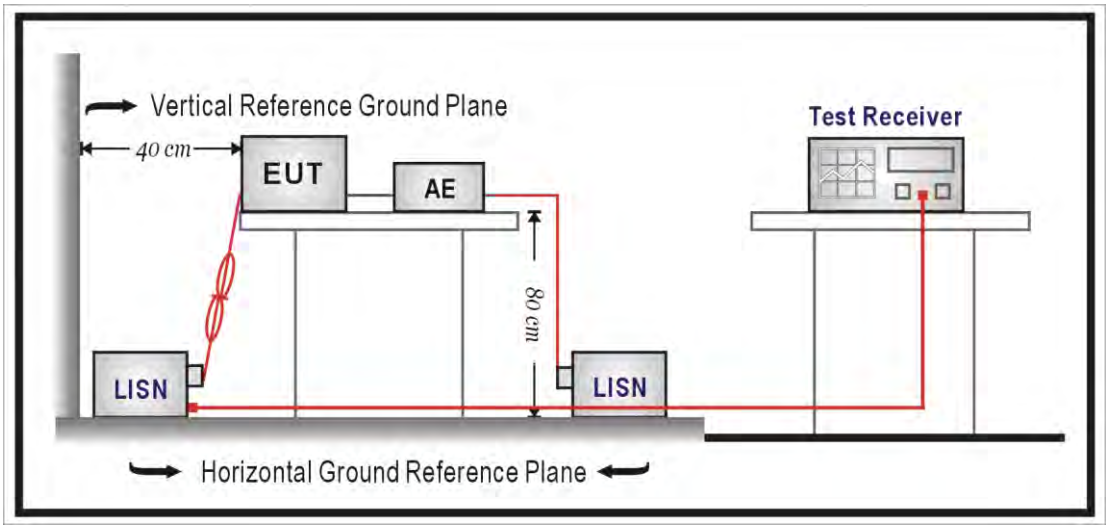
4 Measurement Procedure

4.1. AC Power Conducted Emission Measurement

■ **Limit**

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

■ **Test Setup**



■ **Test Procedure**

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

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

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

The AMN shall be placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for AMNs mounted on top of the ground reference plane. This distance is between the closest points of the AMN and the EUT. All other units of the EUT and associated equipment shall be at least 0.8 m from the AMN. If the mains power cable is longer than 1 m then the cable shall be folded back and forth at the centre of the lead to form a bundle no longer than 0.4 m. All of interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long. All of EUT and AE shall be separate place more than 0.1 m. All 50 Ω ports of the LISN shall be resistively terminated into 50 Ω loads when not connected to the measuring instrument.

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

4.2. Transmitter Radiated Emissions Measurement

■ **Limit**

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

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

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

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

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

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

(2)Limits of Radiated Emission Measurement

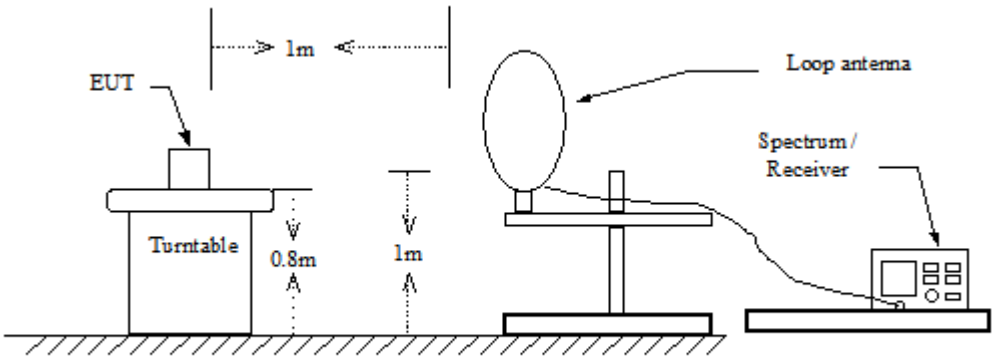
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

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

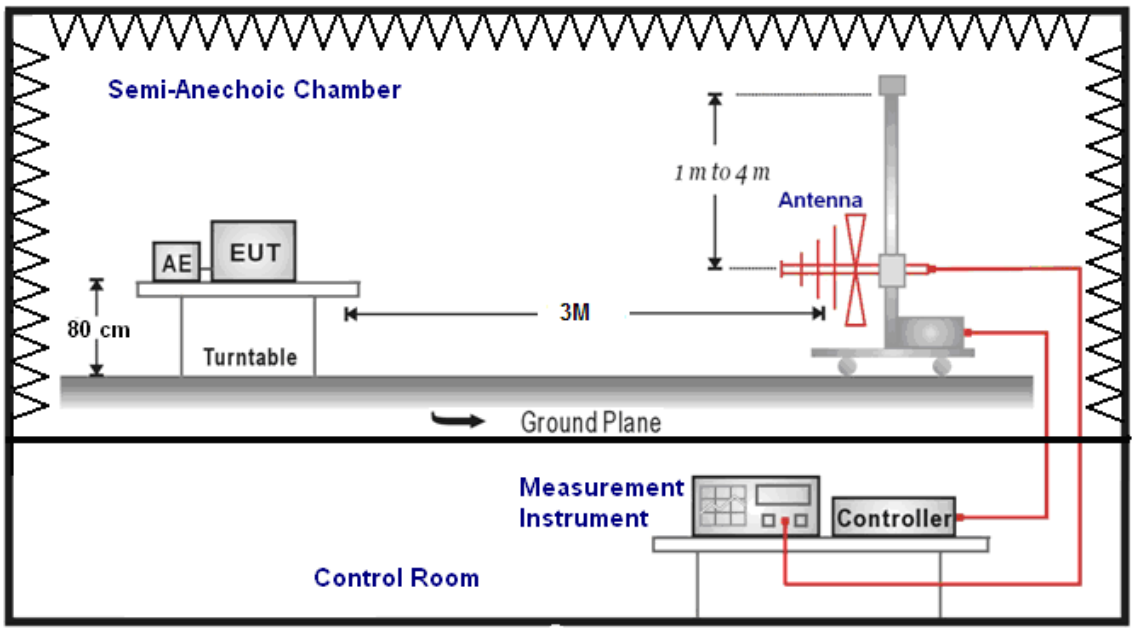
Note: 1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed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

■ **Setup**

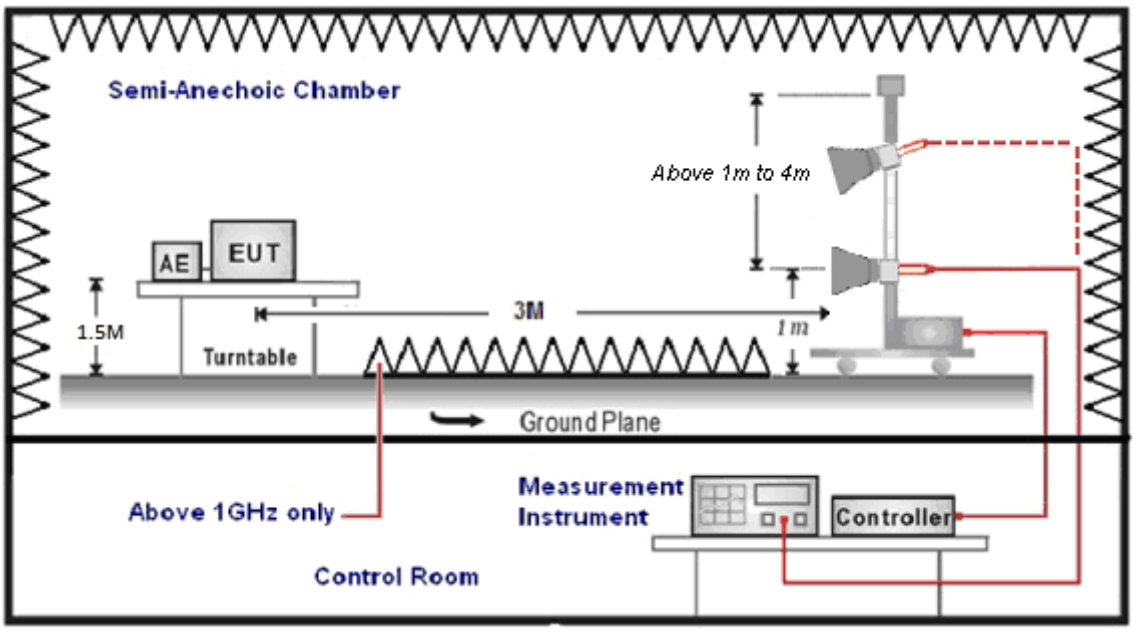
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz


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

■ **Test Procedure**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Measuring Instruments and setting

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

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

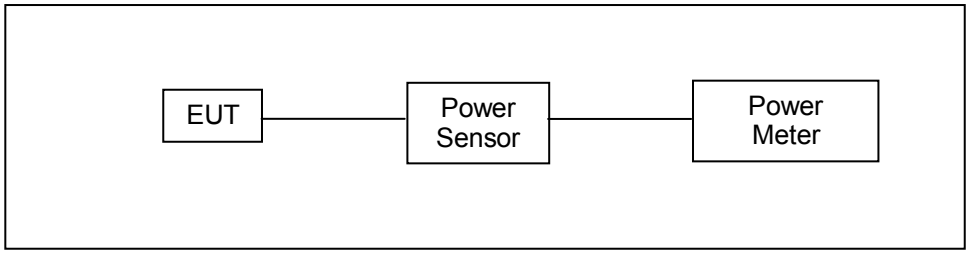
4.3. Maximum Conducted Output Power Measurement

■ **Limit**

Frequency Range (MHz)	FCC Maximum Conducted Output Power Limit
	Client
5.150 ~ 5.250 GHz	The lesser of 250 mW (24 dBm)
5.250 ~ 5.350 GHz	The lesser of 250 mW (24 dBm) or 11 dBm + 10 log (B)
5.470 ~ 5.725 GHz	The lesser of 250 mW (24 dBm) or 11 dBm + 10 log (B)
5.725 ~ 5.850 GHz	The lesser of 1 W (30 dBm)

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

■ **Test Setup**



■ **Test Procedure**

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

Section (E) Maximum Conducted Output Power

3. Measurement using a Power Meter (PM)

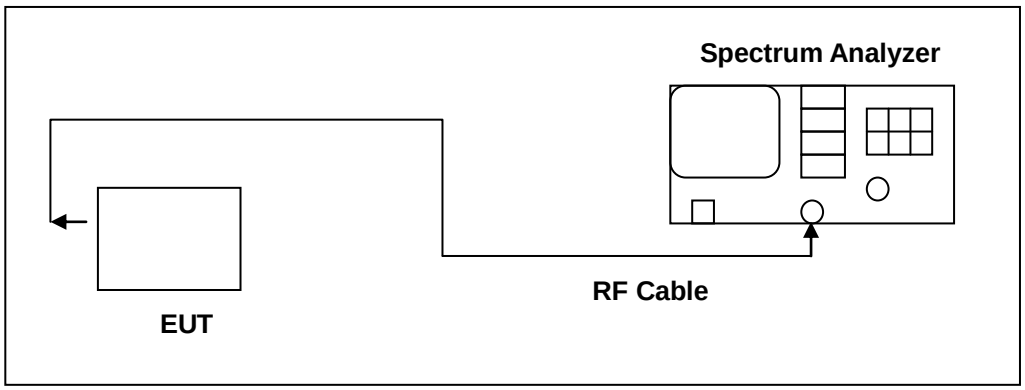
b) Method PM-G (Measurement using a gated RF average power meter)

4.4. 26 dB RF Bandwidth Measurement

■ **Limit**

N/A

■ **Test Setup**



■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.4.1 Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Subpart E.

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

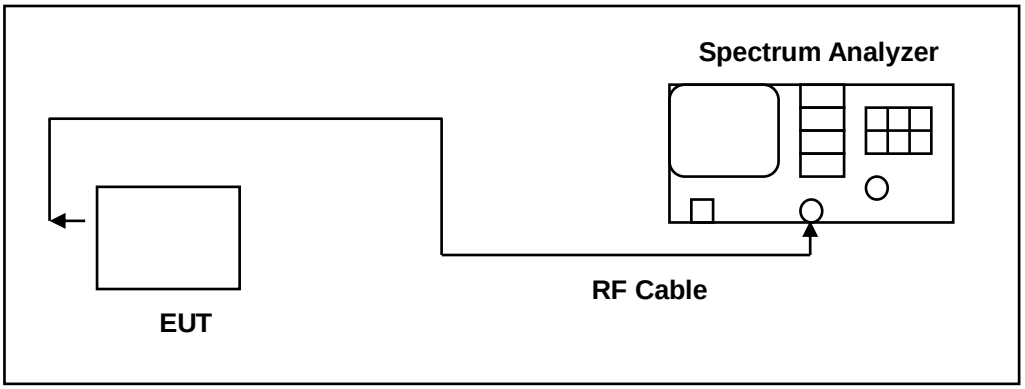
4.5. 6 dB RF Bandwidth Measurement

■ **Limit**

6 dB RF Bandwidth

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

■ **Test Setup**



■ **Test Procedure**

6 dB RF Bandwidth

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

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

The test was performed at 3 channels.

4.6. Maximum Power Spectral Density Measurement

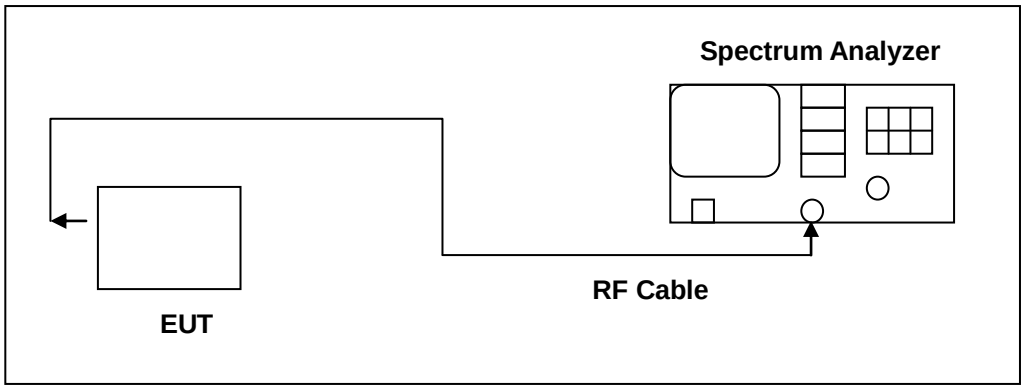
■ **Limit**

Conducted power spectral density

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

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

■ **Test Setup**



■ **Test Procedure**

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

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

4.7. Automatically discontinue transmission

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

- **Declare**

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

4.8. Antenna Requirement

- **Limit**

For intentional device, according to 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.
And According to 15.407 (a), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

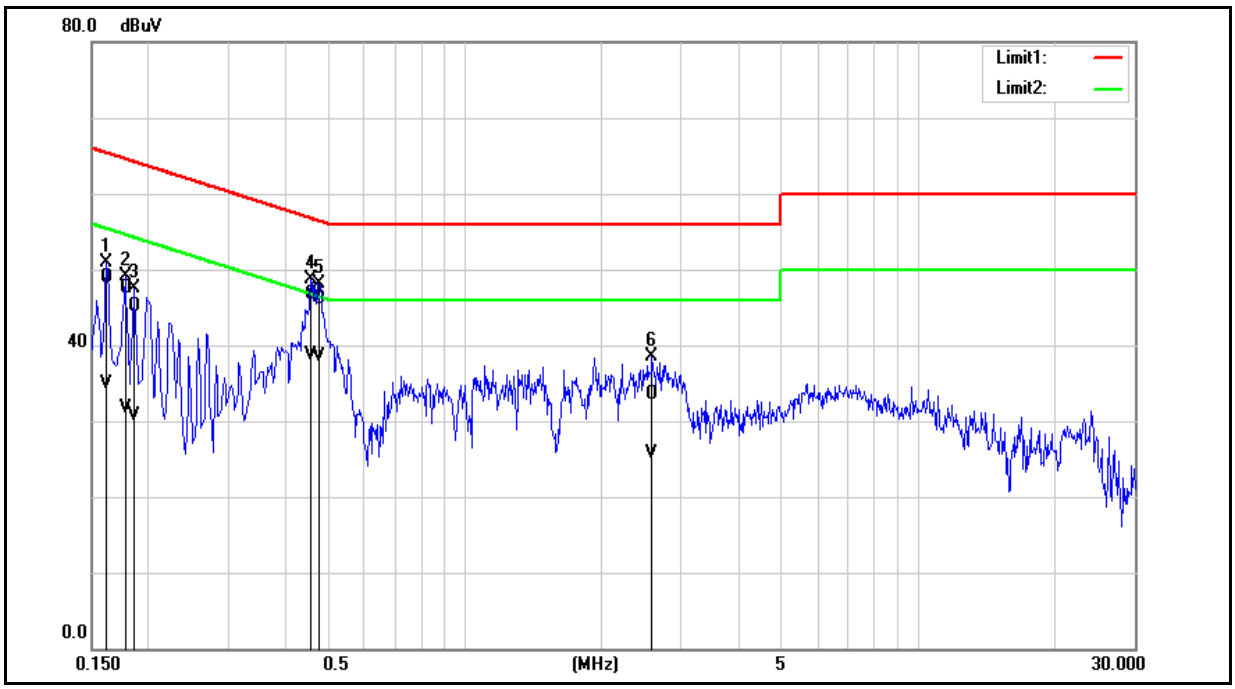
- **Antenna Connector Construction**

See section 2 – antenna information.

5 Test Results

Annex A. Conducted Emission

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1620	39.33	25.18	9.65	48.98	34.83	65.36	55.36	-16.38	-20.53	Pass
2	0.1780	37.85	21.99	9.64	47.49	31.63	64.58	54.58	-17.09	-22.95	Pass
3	0.1860	35.45	21.04	9.64	45.09	30.68	64.21	54.21	-19.12	-23.53	Pass
4	0.4580	37.02	28.98	9.66	46.68	38.64	56.73	46.73	-10.05	-8.09	Pass
5	0.4780	36.45	28.82	9.66	46.11	38.48	56.37	46.37	-10.26	-7.89	Pass
6	2.5900	23.75	16.06	9.74	33.49	25.80	56.00	46.00	-22.51	-20.20	Pass

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

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

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

No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1660	38.70	24.14	9.68	48.38	33.82	65.16	55.16	-16.78	-21.34	Pass
2	0.1940	34.46	19.24	9.67	44.13	28.91	63.86	53.86	-19.73	-24.95	Pass
3	0.4620	37.19	29.64	9.69	46.88	39.33	56.66	46.66	-9.78	-7.33	Pass
4	0.4700	37.27	29.84	9.69	46.96	39.53	56.51	46.51	-9.55	-6.98	Pass
5	1.1100	25.46	20.18	9.70	35.16	29.88	56.00	46.00	-20.84	-16.12	Pass
6	2.2140	25.50	19.44	9.75	35.25	29.19	56.00	46.00	-20.75	-16.81	Pass

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

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

Annex B. Radiated Emission Measurement

Below 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission	Power:	AC 120 V/60 Hz
Mode:	Mode 1	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH

Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
250.1900	46.72	-6.18	40.54	46.00	-5.46	QP	H
375.3200	33.53	-2.70	30.83	46.00	-15.17	QP	H
491.7200	36.70	-0.48	36.22	46.00	-9.78	QP	H
605.2100	37.85	2.31	40.16	46.00	-5.84	QP	H
875.8400	33.96	6.92	40.88	46.00	-5.12	QP	H
932.1000	31.23	8.38	39.61	46.00	-6.39	QP	H
250.1900	45.82	-6.18	39.64	46.00	-6.36	QP	V
492.6900	34.70	-0.46	34.24	46.00	-11.76	QP	V
605.2100	37.34	2.31	39.65	46.00	-6.35	QP	V
769.1400	32.00	5.16	37.16	46.00	-8.84	QP	V
875.8400	31.53	6.92	38.45	46.00	-7.55	QP	V
960.2300	30.83	8.92	39.75	54.00	-14.25	QP	V

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

Example: 40.54 = -6.18 + 46.72

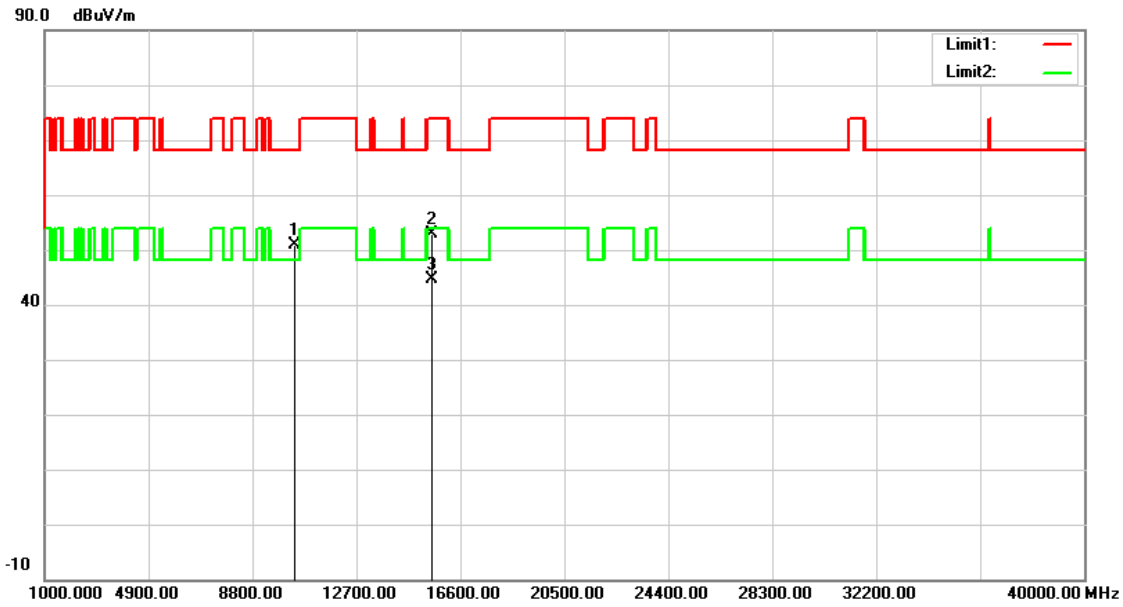
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Harmonic

Above 1 GHz

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	33.46	17.33	50.79	68.20	-17.41	peak
2	15540.000	31.95	20.84	52.79	74.00	-21.21	peak
3	15540.000	23.72	20.84	44.56	54.00	-9.44	AVG

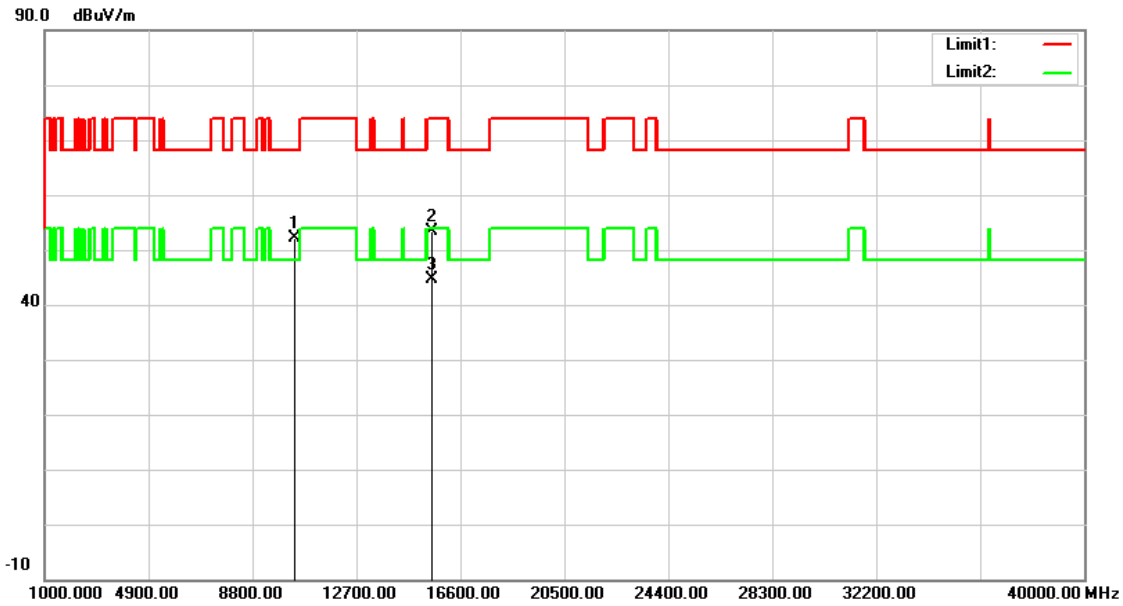
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 50.79 = 17.33 + 33.46

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	34.71	17.33	52.04	68.20	-16.16	peak
2	15540.000	32.63	20.84	53.47	74.00	-20.53	peak
3	15540.000	23.91	20.84	44.75	54.00	-9.25	AVG

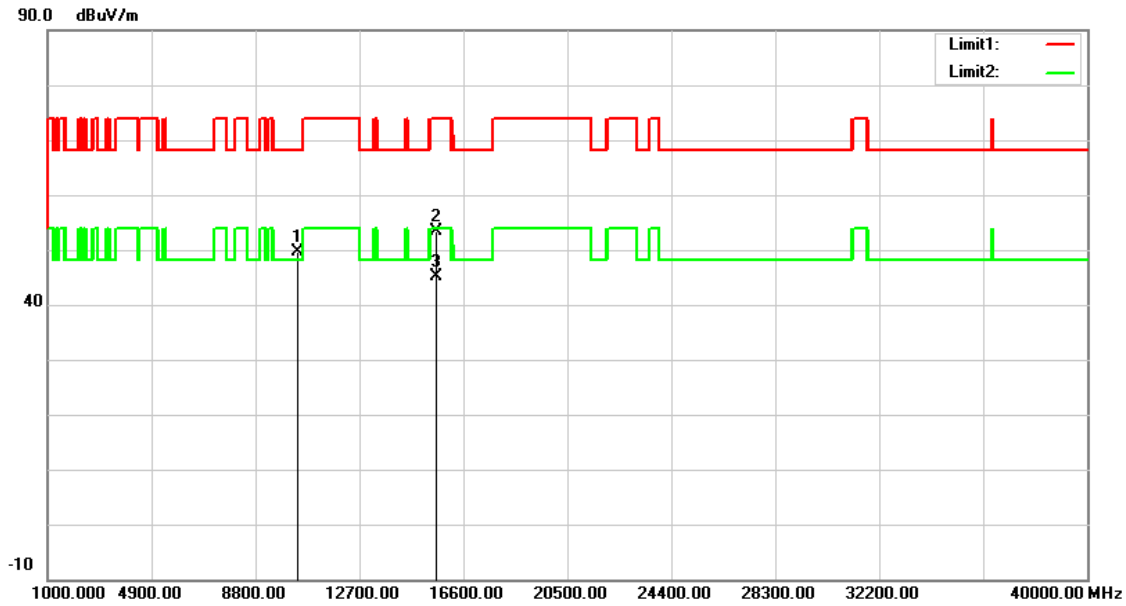
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 52.04 = 17.33 + 34.71

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

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

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



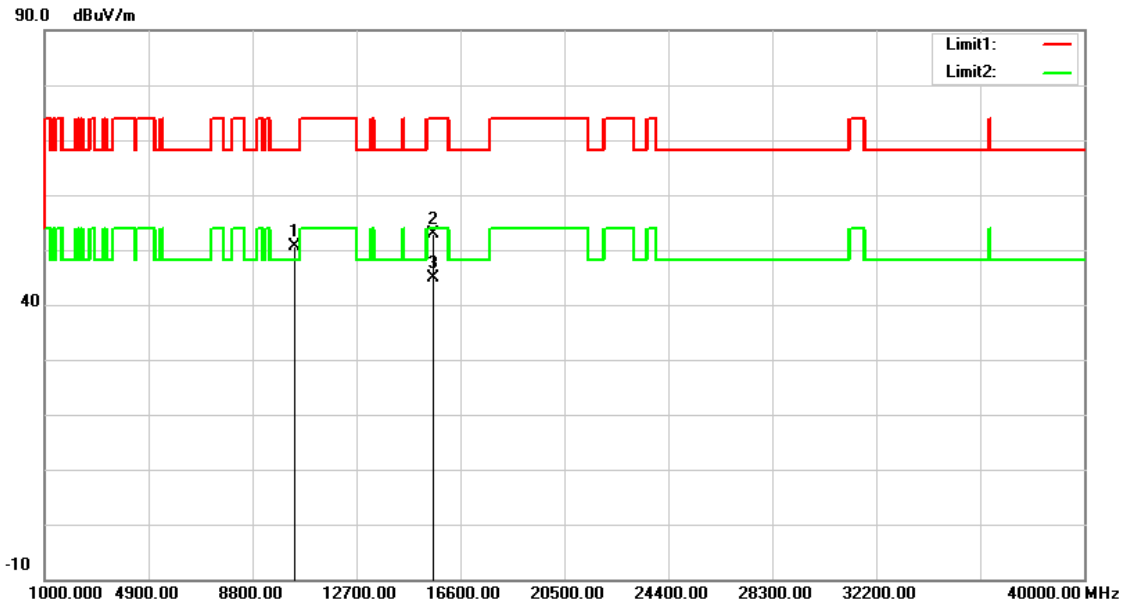
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	32.18	17.45	49.63	68.20	-18.57	peak
2	15600.000	32.74	20.64	53.38	74.00	-20.62	peak
3	15600.000	24.38	20.64	45.02	54.00	-8.98	AVG

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

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

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

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



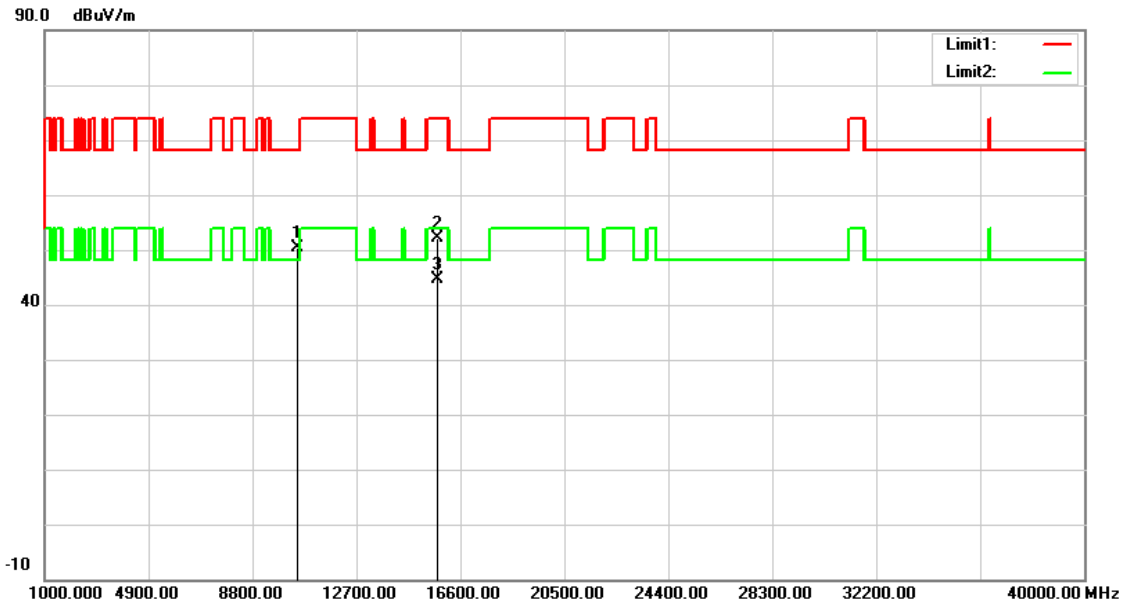
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	33.23	17.45	50.68	68.20	-17.52	peak
2	15600.000	32.26	20.64	52.90	74.00	-21.10	peak
3	15600.000	24.24	20.64	44.88	54.00	-9.12	AVG

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

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

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

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



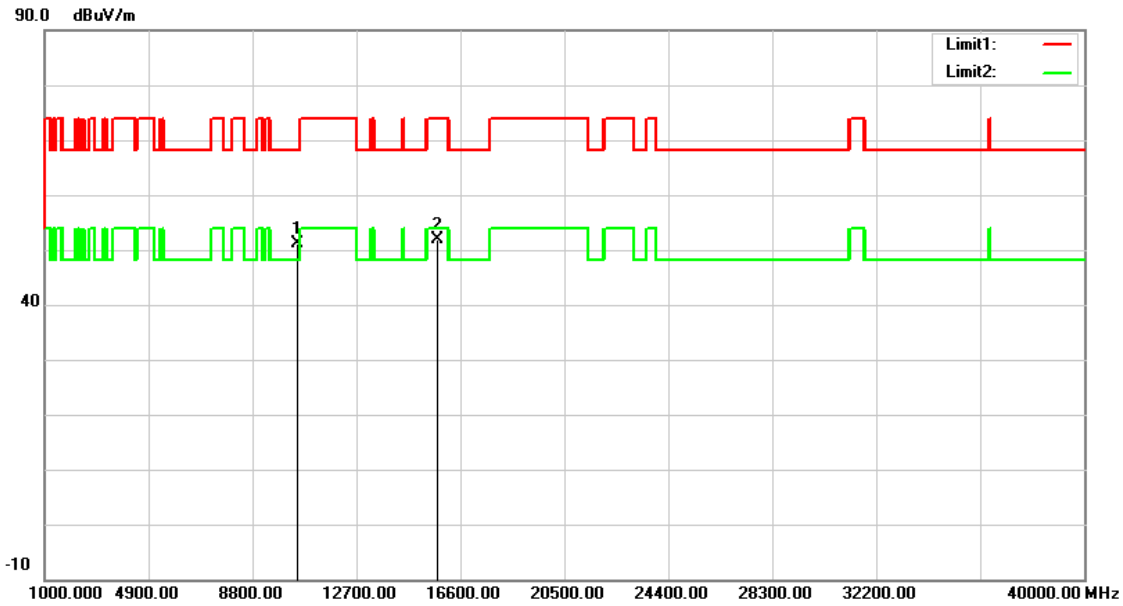
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	32.68	17.70	50.38	68.20	-17.82	peak
2	15720.000	31.90	20.27	52.17	74.00	-21.83	peak
3	15720.000	24.42	20.27	44.69	54.00	-9.31	AVG

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

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

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

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



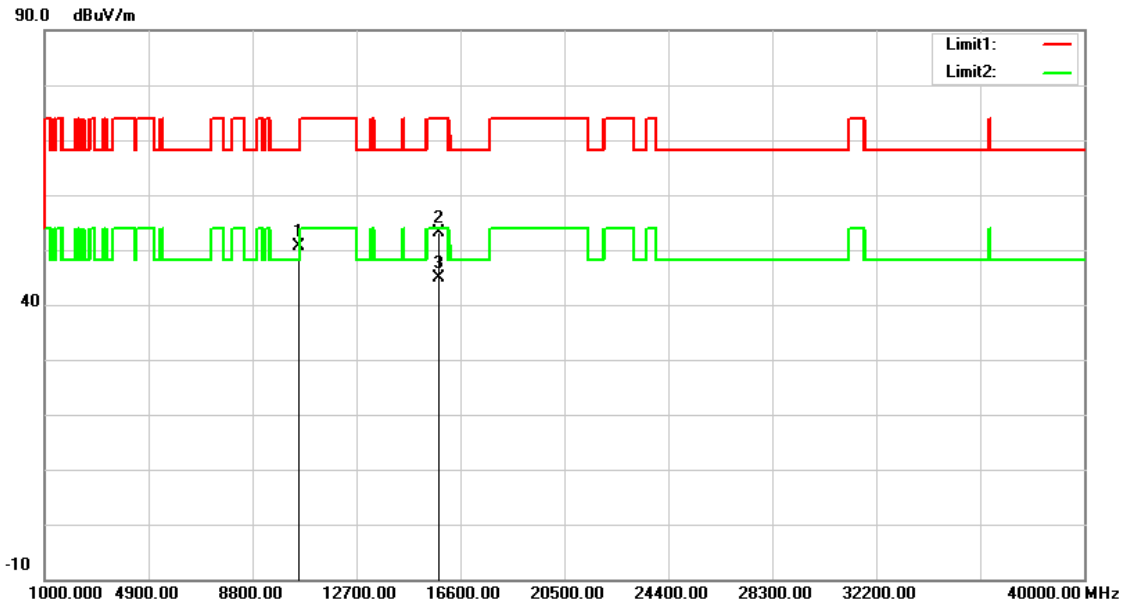
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	33.46	17.70	51.16	68.20	-17.04	peak
2	15720.000	31.59	20.27	51.86	74.00	-22.14	peak

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



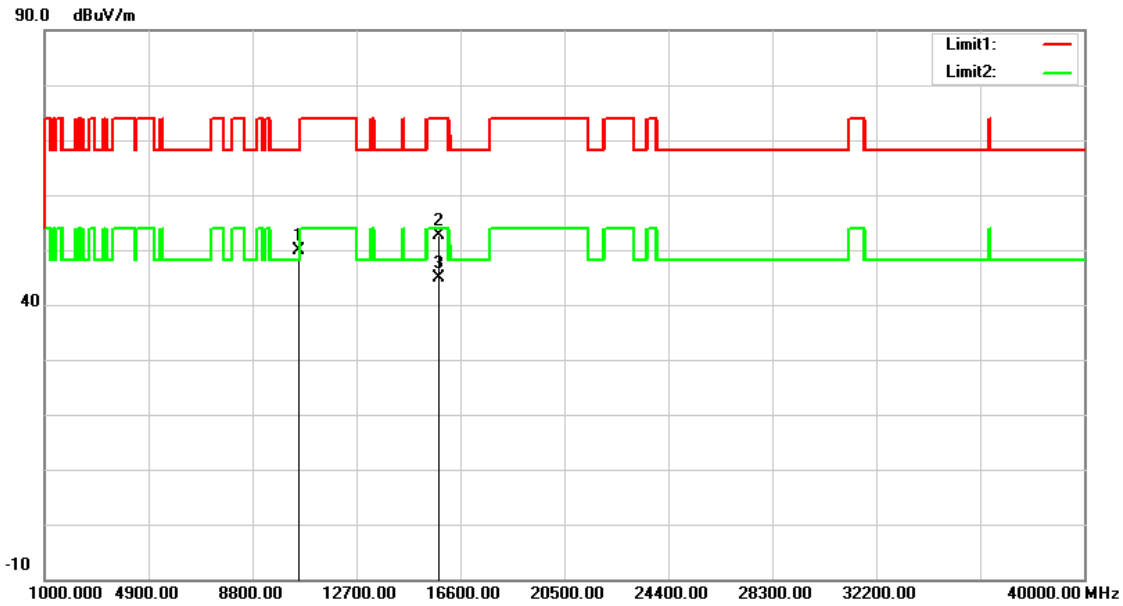
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	32.75	17.80	50.55	68.20	-17.65	peak
2	15780.000	33.09	20.07	53.16	74.00	-20.84	peak
3	15780.000	24.88	20.07	44.95	54.00	-9.05	AVG

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5260 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



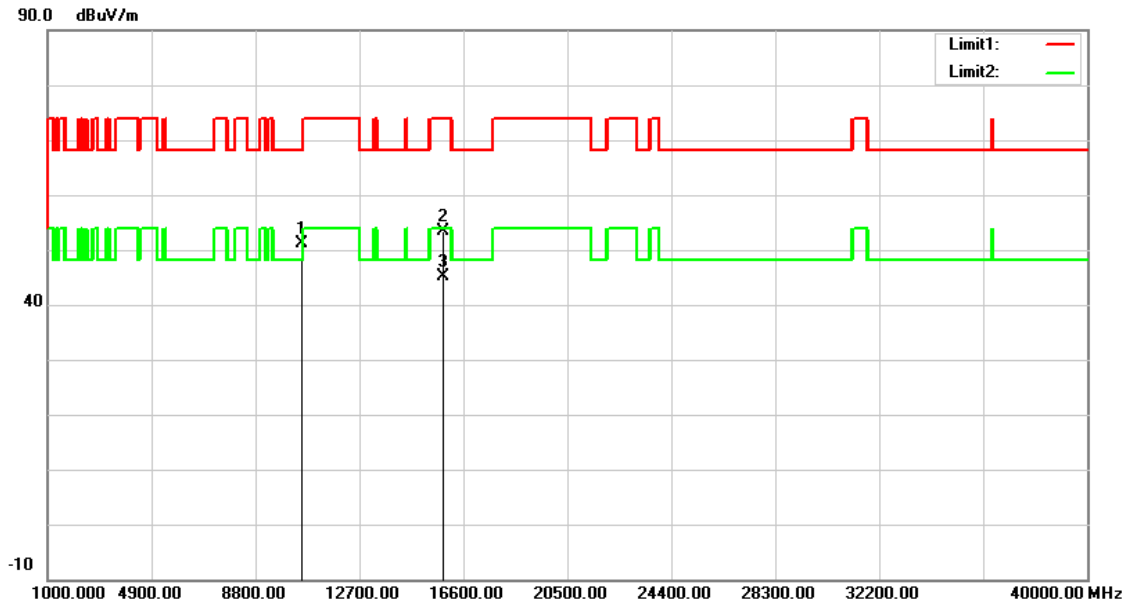
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	32.03	17.80	49.83	68.20	-18.37	peak
2	15780.000	32.55	20.07	52.62	74.00	-21.38	peak
3	15780.000	24.73	20.07	44.80	54.00	-9.20	AVG

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

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

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

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



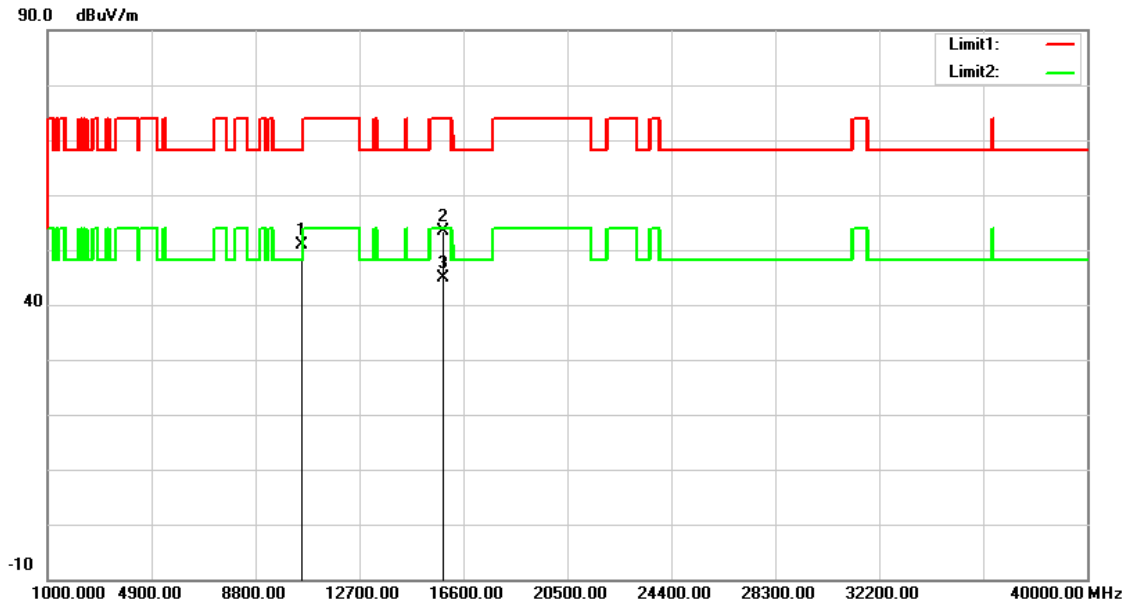
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	33.17	17.87	51.04	68.20	-17.16	peak
2	15840.000	33.46	19.89	53.35	74.00	-20.65	peak
3	15840.000	25.20	19.89	45.09	54.00	-8.91	AVG

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

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

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

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



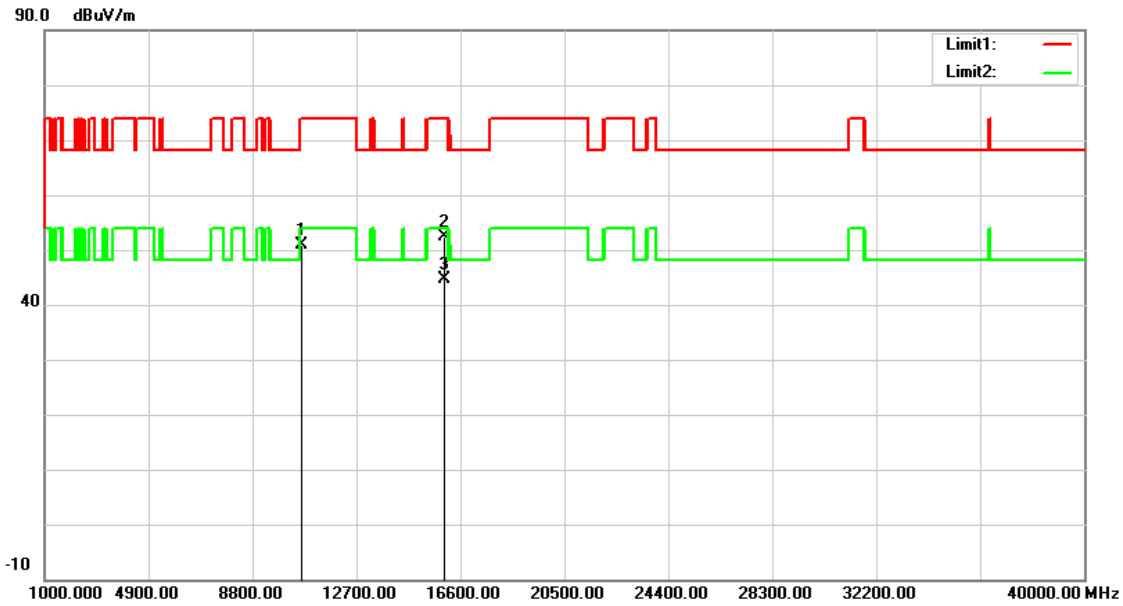
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	32.96	17.87	50.83	68.20	-17.37	peak
2	15840.000	33.45	19.89	53.34	74.00	-20.66	peak
3	15840.000	24.90	19.89	44.79	54.00	-9.21	AVG

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



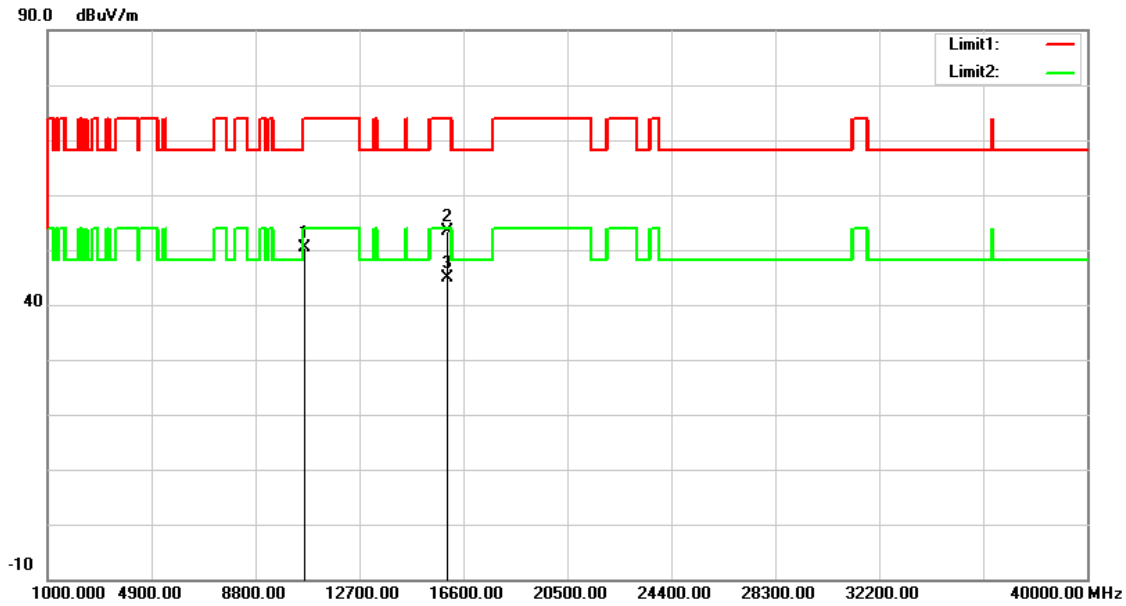
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	32.86	18.01	50.87	74.00	-23.13	peak
2	15960.000	32.95	19.51	52.46	74.00	-21.54	peak
3	15960.000	25.12	19.51	44.63	54.00	-9.37	AVG

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5320 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



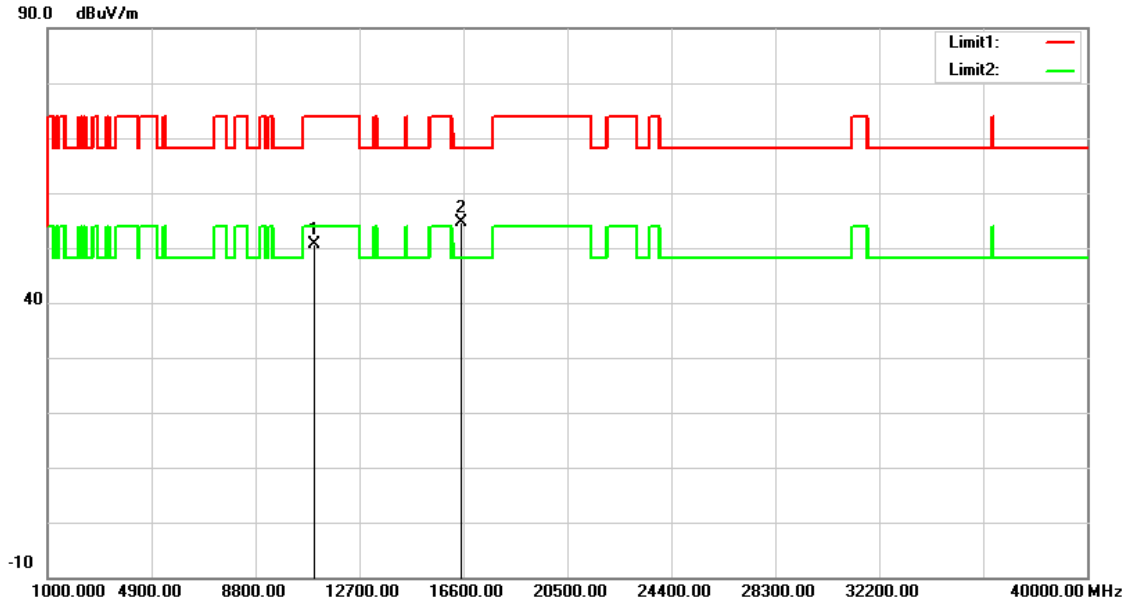
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	32.28	18.01	50.29	74.00	-23.71	peak
2	15960.000	33.75	19.51	53.26	74.00	-20.74	peak
3	15960.000	25.37	19.51	44.88	54.00	-9.12	AVG

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

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

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

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



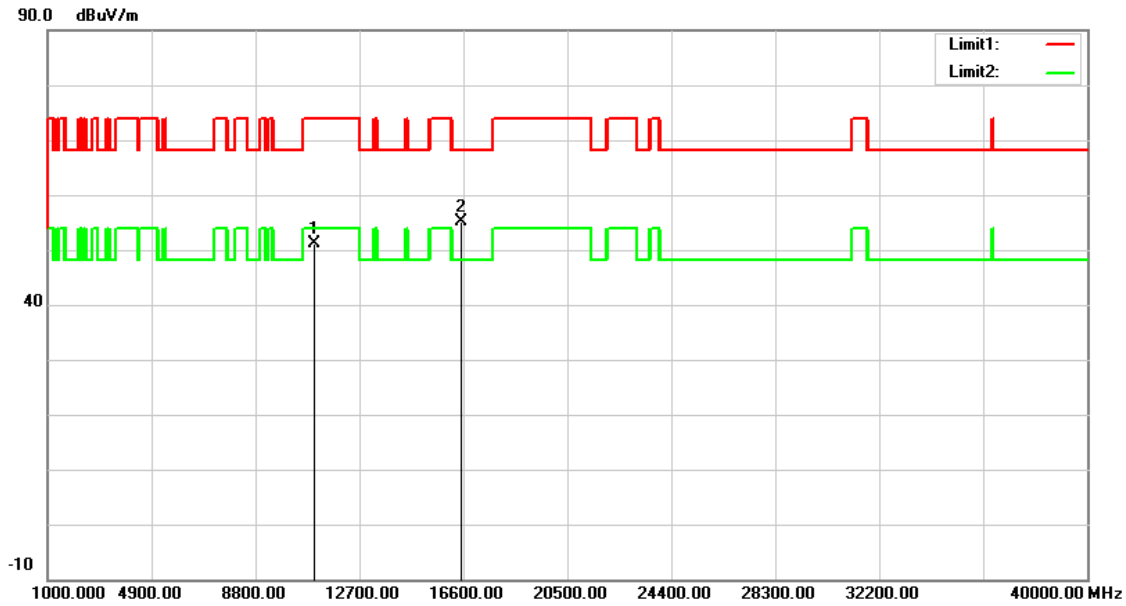
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	31.92	18.61	50.53	74.00	-23.47	peak
2	16500.000	32.83	21.68	54.51	68.20	-13.69	peak

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

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

3. When the peak 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.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



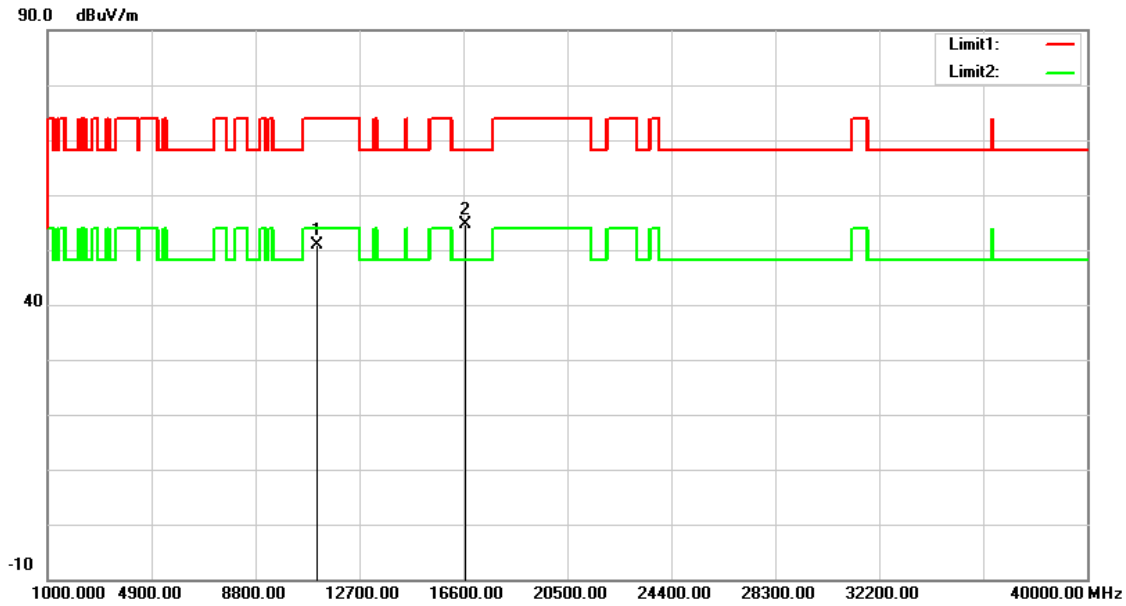
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	32.60	18.61	51.21	74.00	-22.79	peak
2	16500.000	33.56	21.68	55.24	68.20	-12.96	peak

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

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

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

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



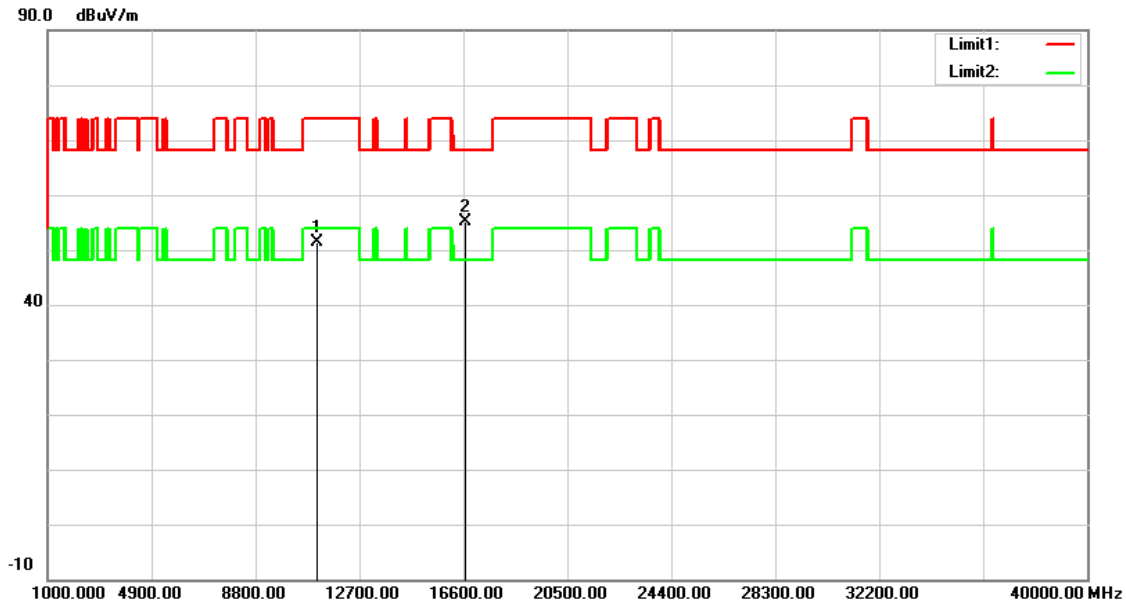
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	32.21	18.78	50.99	74.00	-23.01	peak
2	16680.000	31.90	22.64	54.54	68.20	-13.66	peak

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

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

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

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



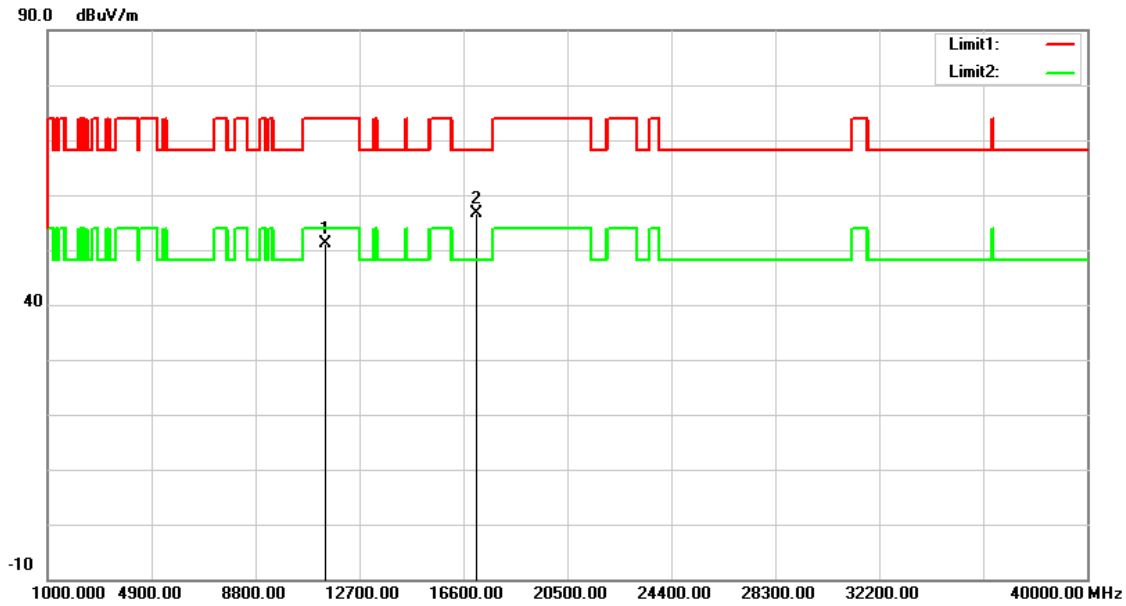
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	32.60	18.78	51.38	74.00	-22.62	peak
2	16680.000	32.37	22.64	55.01	68.20	-13.19	peak

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



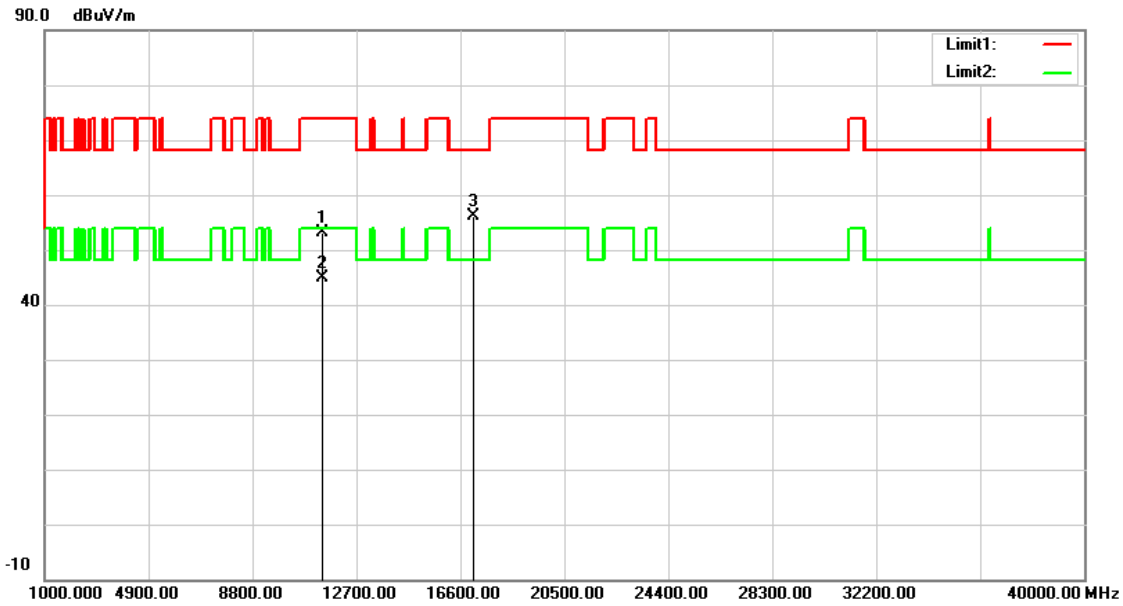
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	31.93	19.18	51.11	74.00	-22.89	peak
2	17100.000	32.07	24.64	56.71	68.20	-11.49	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5700 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



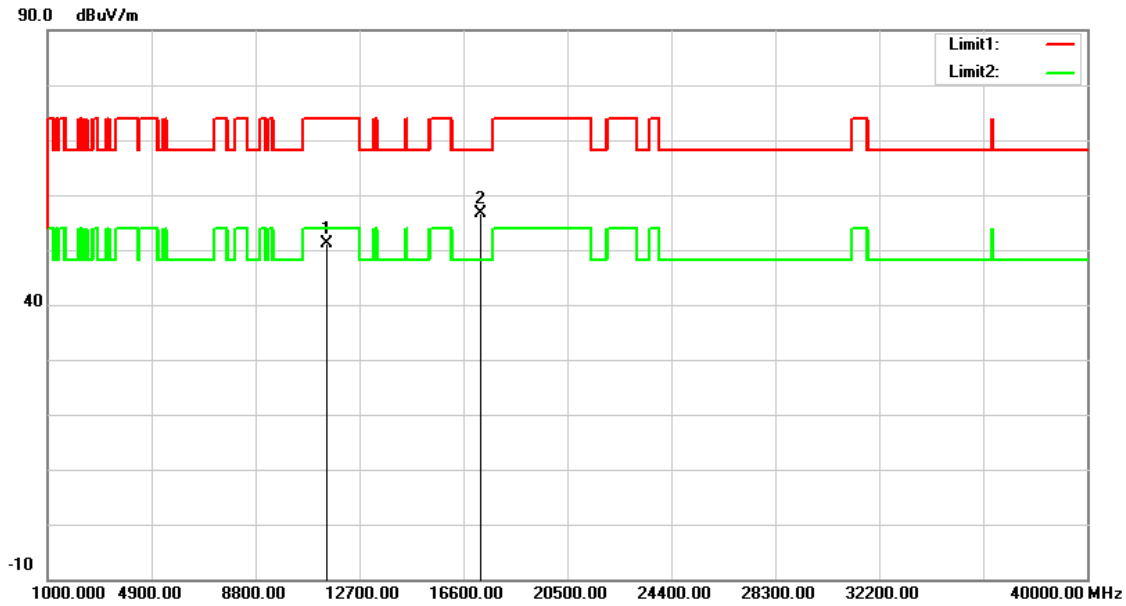
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	33.91	19.18	53.09	74.00	-20.91	peak
2	11400.000	25.61	19.18	44.79	54.00	-9.21	AVG
3	17100.000	31.40	24.64	56.04	68.20	-12.16	peak

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



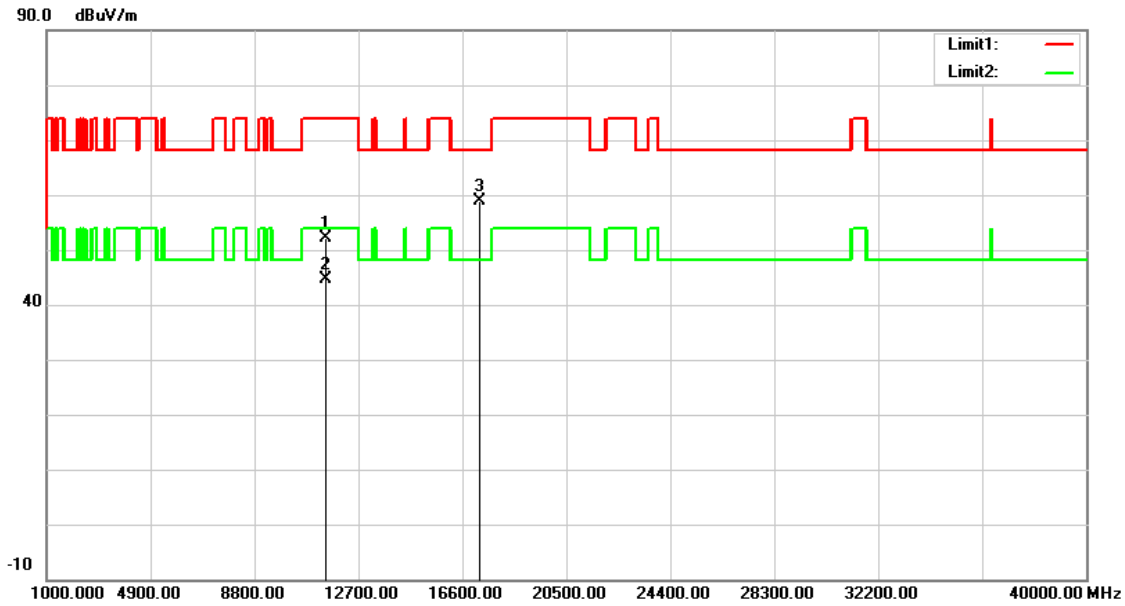
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	31.94	19.30	51.24	74.00	-22.76	peak
2	17235.000	31.69	25.04	56.73	68.20	-11.47	peak

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:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



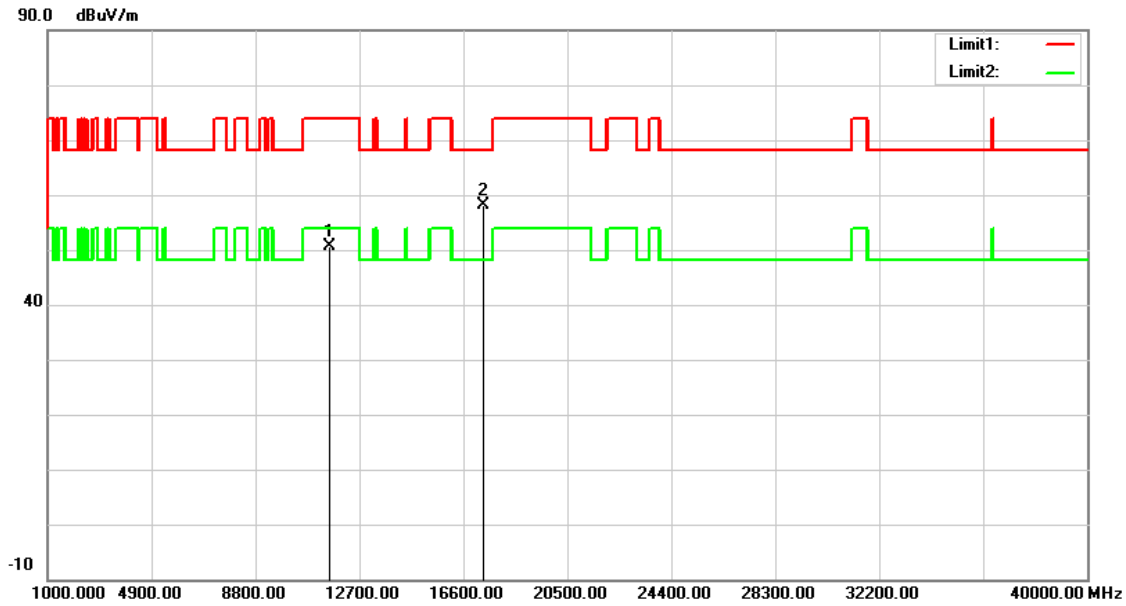
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	32.94	19.30	52.24	74.00	-21.76	peak
2	11490.000	25.28	19.30	44.58	54.00	-9.42	AVG
3	17235.000	33.96	25.04	59.00	68.20	-9.20	peak

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

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

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

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



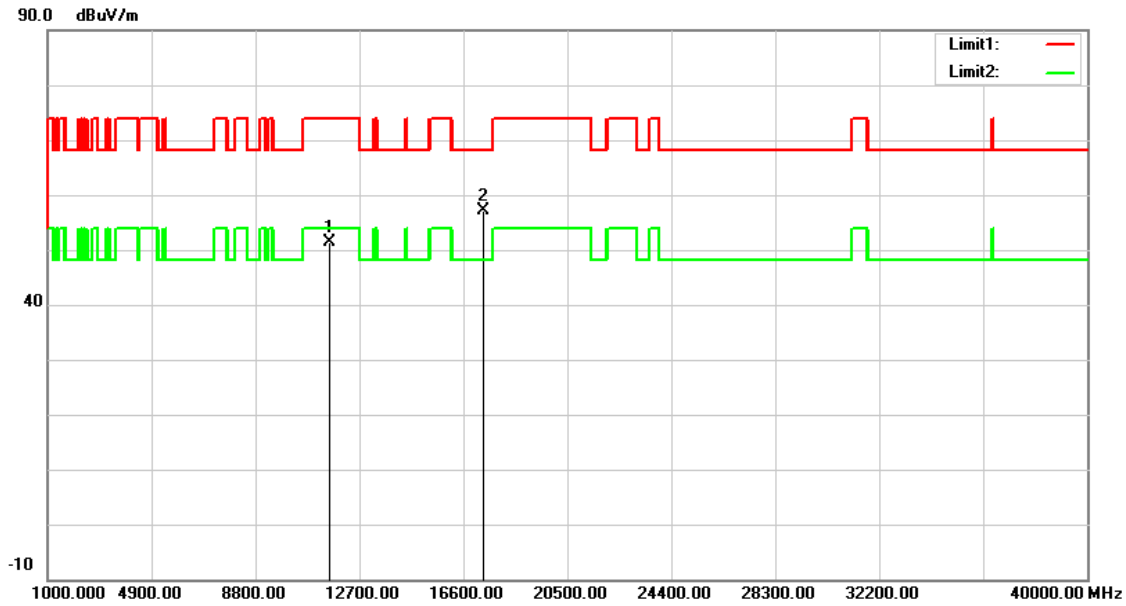
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	31.37	19.27	50.64	74.00	-23.36	peak
2	17355.000	32.62	25.40	58.02	68.20	-10.18	peak

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

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

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

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



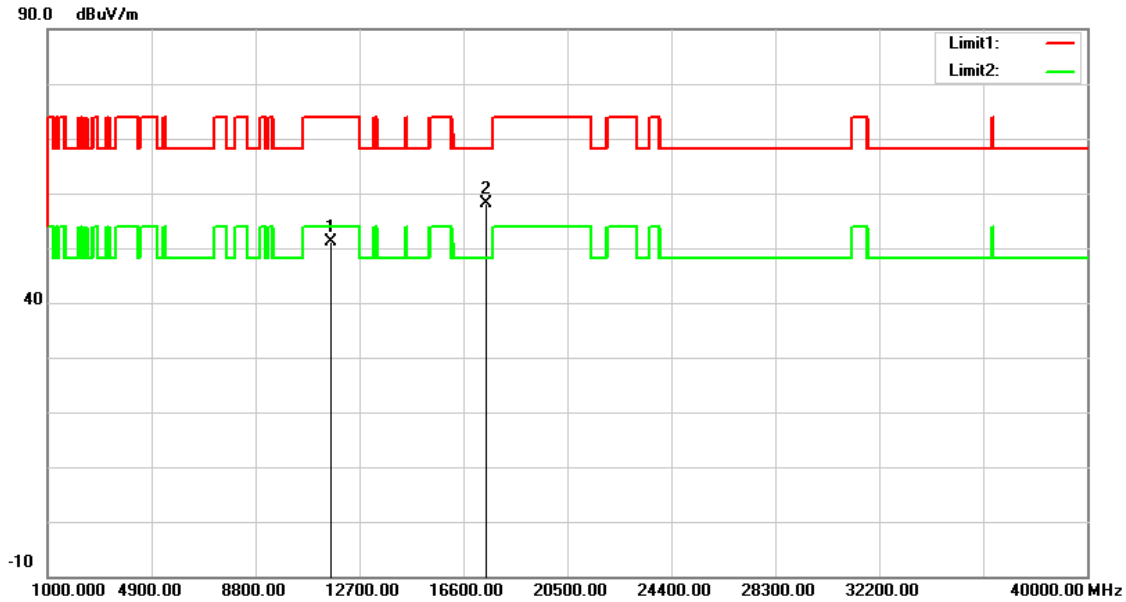
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	32.12	19.27	51.39	74.00	-22.61	peak
2	17355.000	31.69	25.40	57.09	68.20	-11.11	peak

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

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

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

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



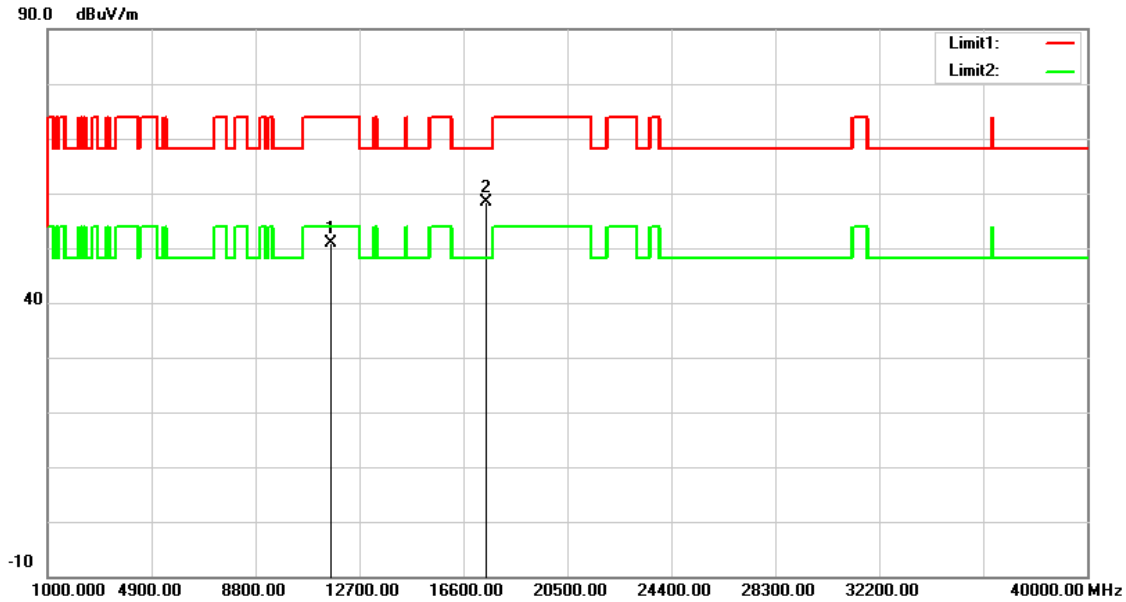
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	31.95	19.23	51.18	74.00	-22.82	peak
2	17475.000	32.36	25.74	58.10	68.20	-10.10	peak

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

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

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

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



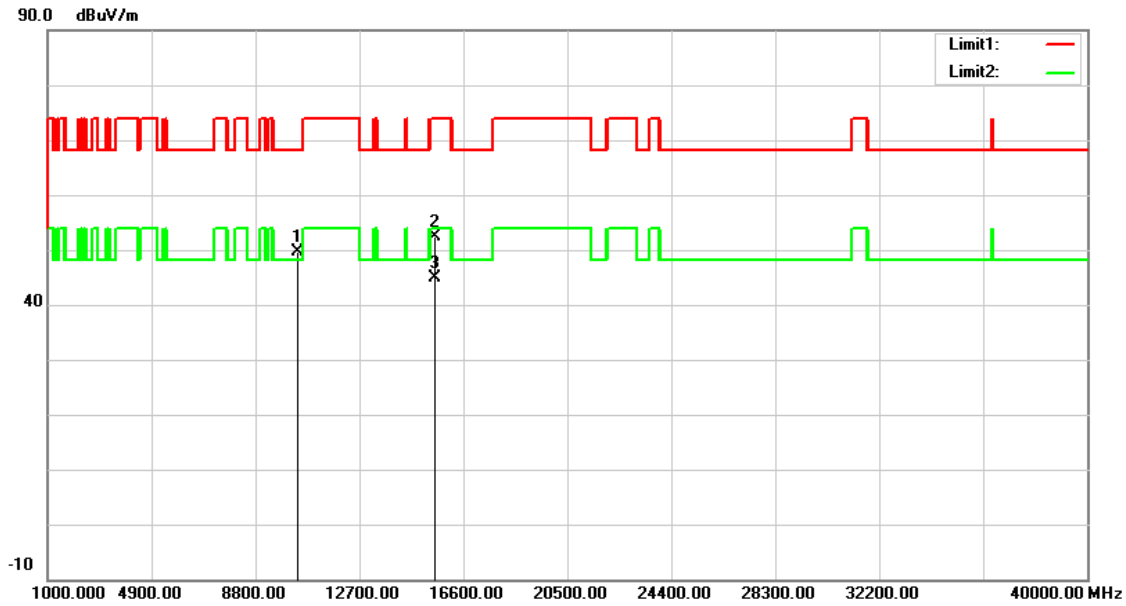
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	31.71	19.23	50.94	74.00	-23.06	peak
2	17475.000	32.60	25.74	58.34	68.20	-9.86	peak

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

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

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

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



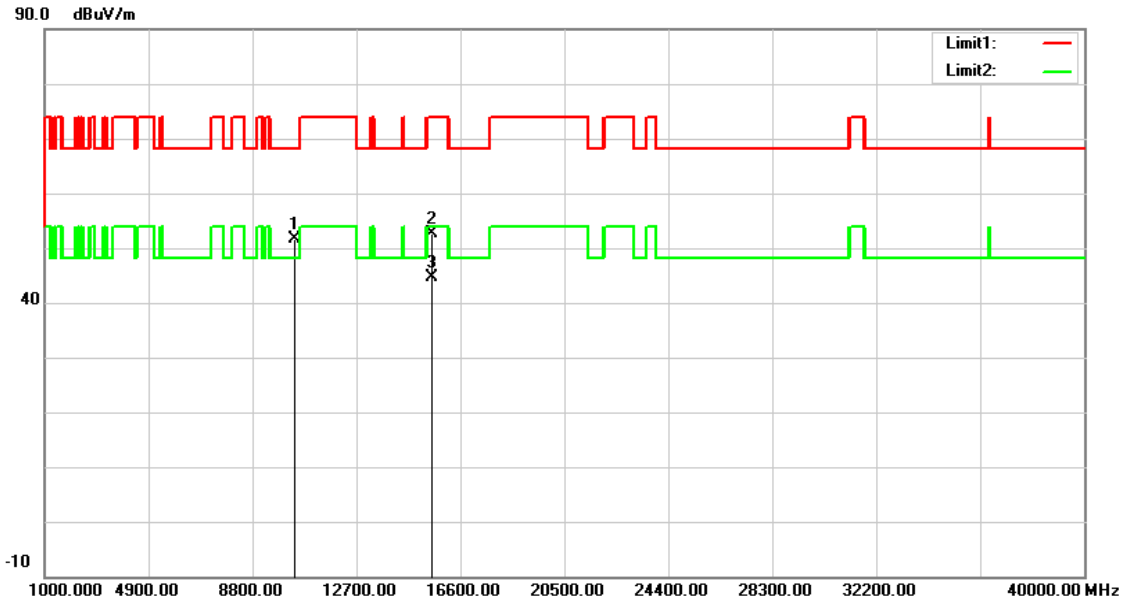
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	32.33	17.33	49.66	68.20	-18.54	peak
2	15540.000	31.63	20.84	52.47	74.00	-21.53	peak
3	15540.000	23.97	20.84	44.81	54.00	-9.19	AVG

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

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

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

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



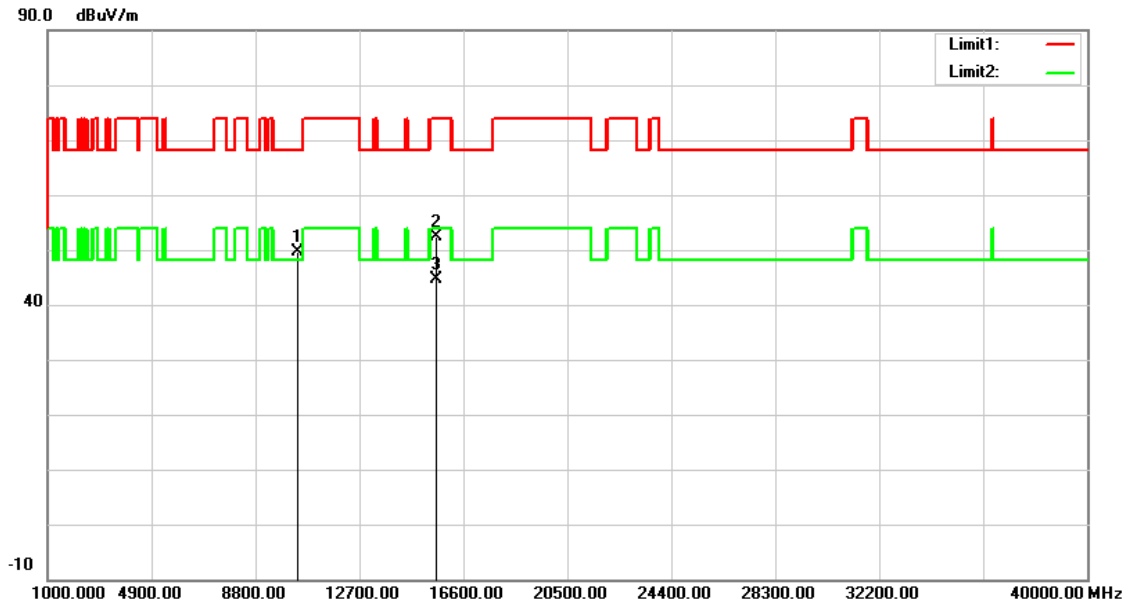
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	34.41	17.33	51.74	68.20	-16.46	peak
2	15540.000	31.88	20.84	52.72	74.00	-21.28	peak
3	15540.000	23.88	20.84	44.72	54.00	-9.28	AVG

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



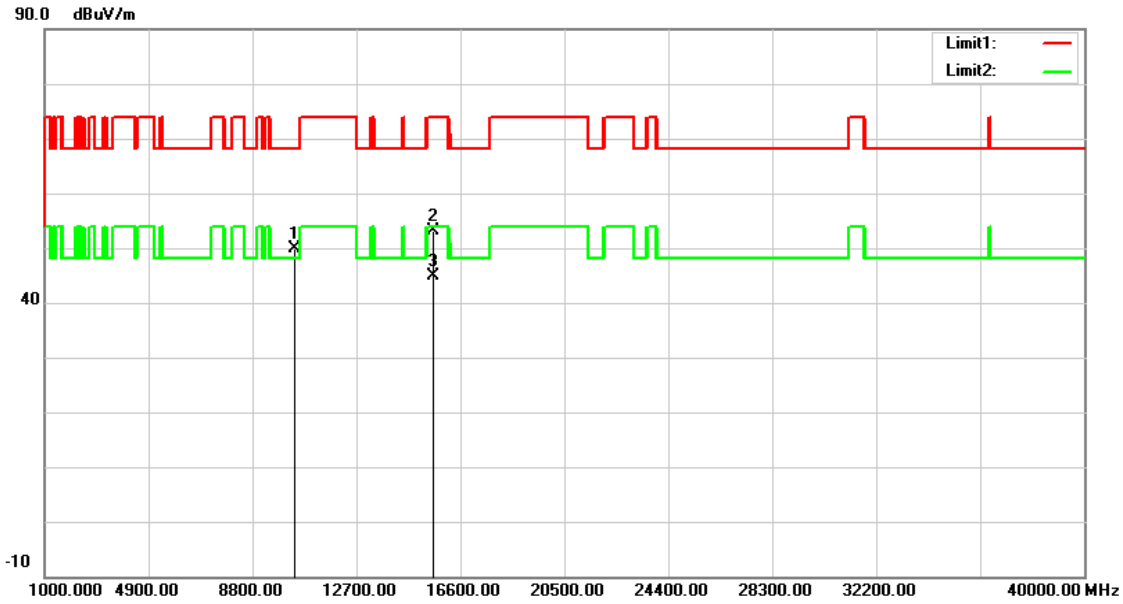
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	32.21	17.45	49.66	68.20	-18.54	peak
2	15600.000	31.74	20.64	52.38	74.00	-21.62	peak
3	15600.000	23.98	20.64	44.62	54.00	-9.38	AVG

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

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

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

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



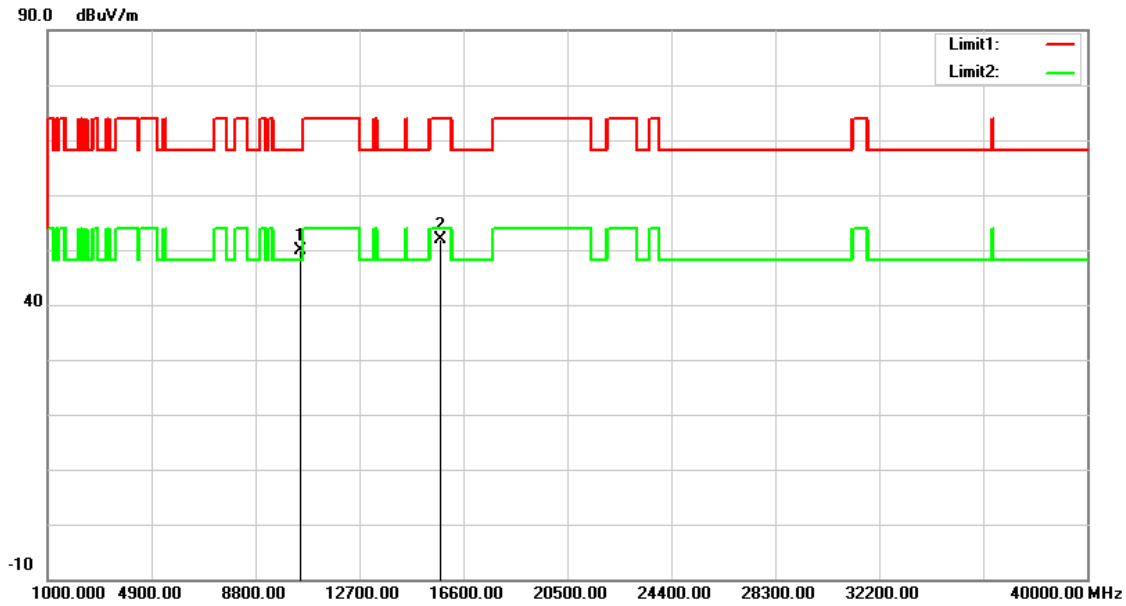
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	32.49	17.45	49.94	68.20	-18.26	peak
2	15600.000	32.47	20.64	53.11	74.00	-20.89	peak
3	15600.000	24.25	20.64	44.89	54.00	-9.11	AVG

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



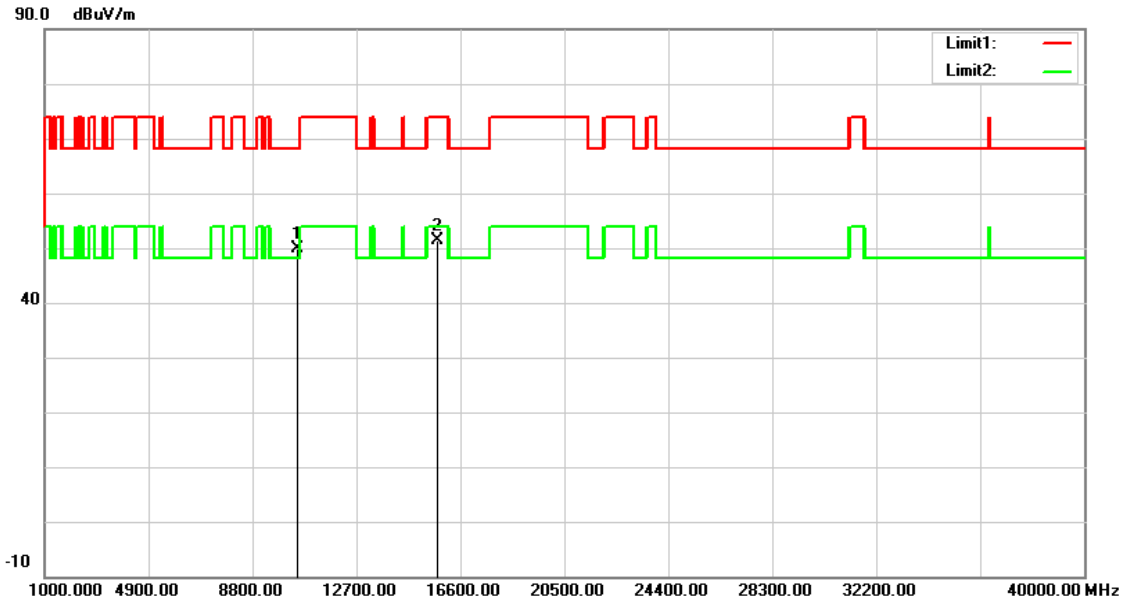
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	32.17	17.70	49.87	68.20	-18.33	peak
2	15720.000	31.58	20.27	51.85	74.00	-22.15	peak

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

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

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

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



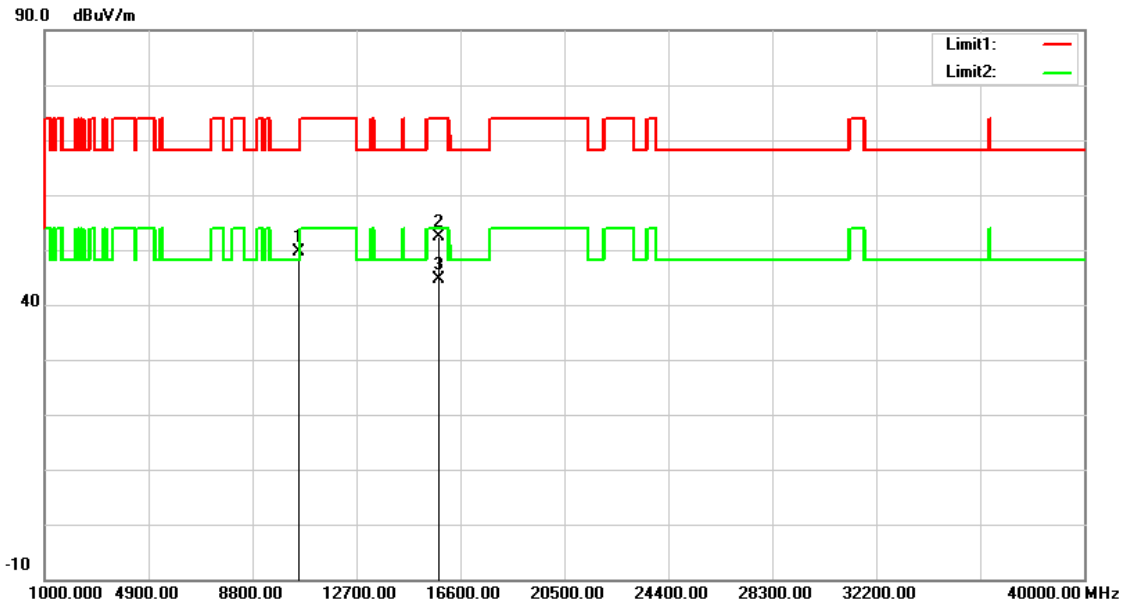
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	32.13	17.70	49.83	68.20	-18.37	peak
2	15720.000	31.15	20.27	51.42	74.00	-22.58	peak

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:	5260 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



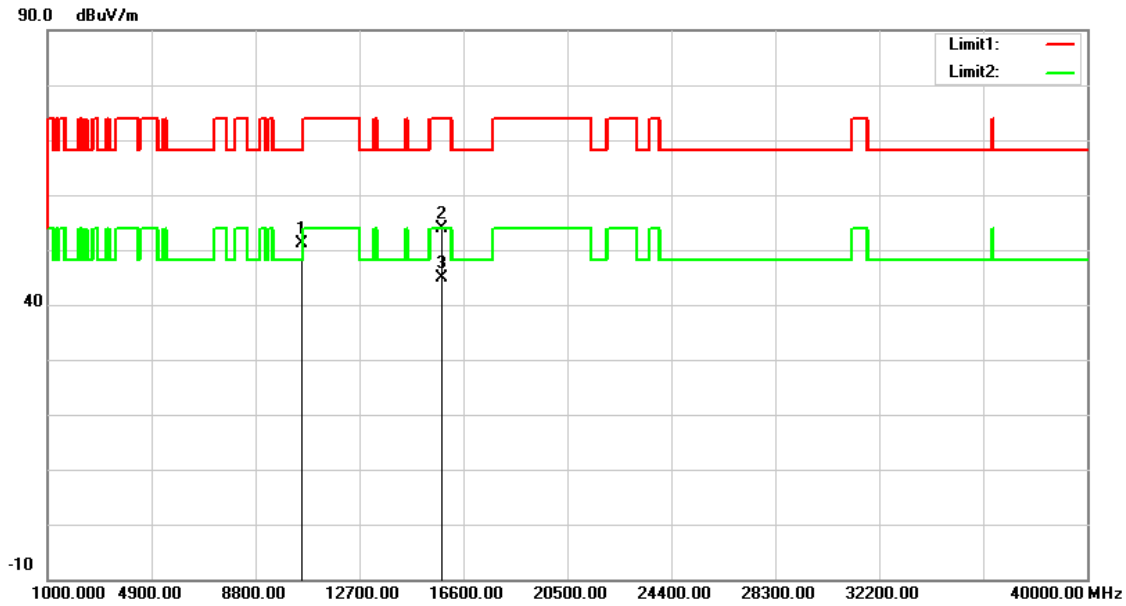
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	31.89	17.80	49.69	68.20	-18.51	peak
2	15780.000	32.35	20.07	52.42	74.00	-21.58	peak
3	15780.000	24.58	20.07	44.65	54.00	-9.35	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5260 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



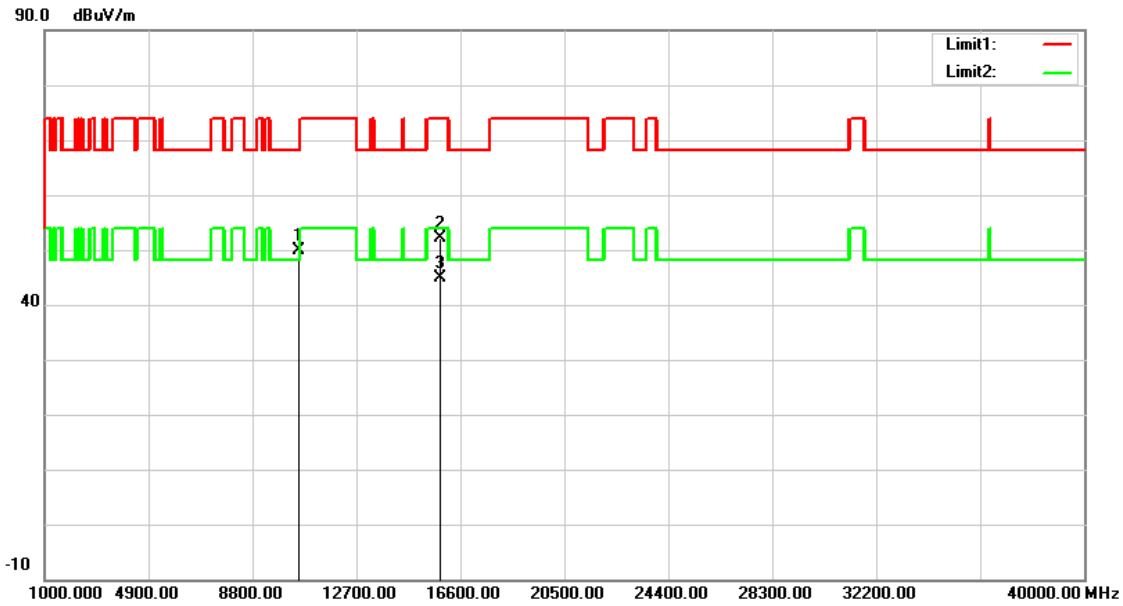
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	33.26	17.80	51.06	68.20	-17.14	peak
2	15780.000	33.86	20.07	53.93	74.00	-20.07	peak
3	15780.000	24.84	20.07	44.91	54.00	-9.09	AVG

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

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

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

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



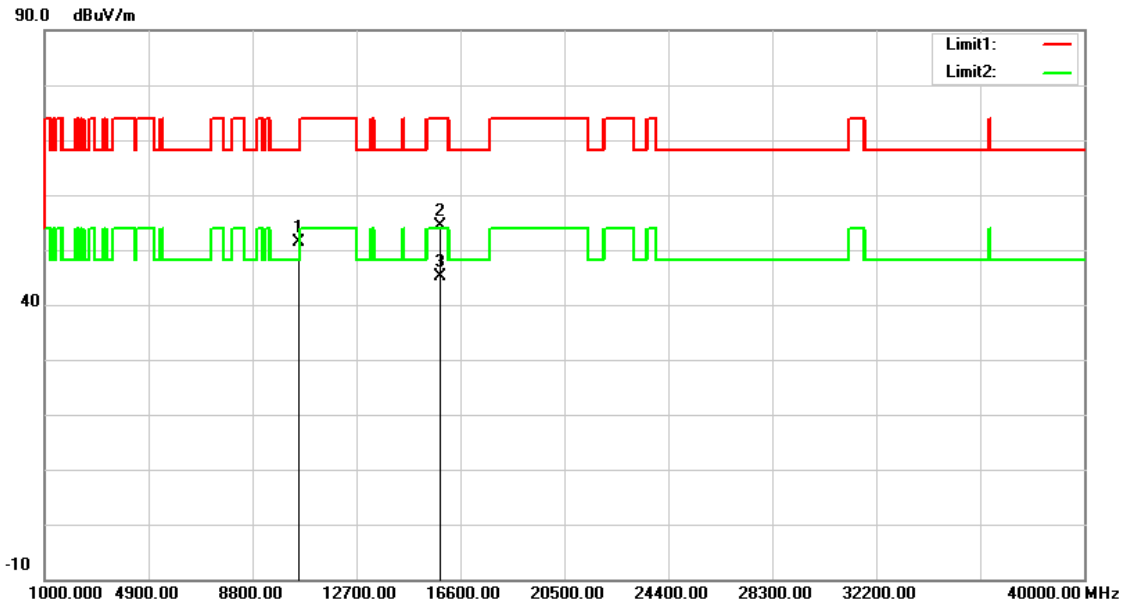
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	32.12	17.87	49.99	68.20	-18.21	peak
2	15840.000	32.32	19.89	52.21	74.00	-21.79	peak
3	15840.000	24.92	19.89	44.81	54.00	-9.19	AVG

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

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

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

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



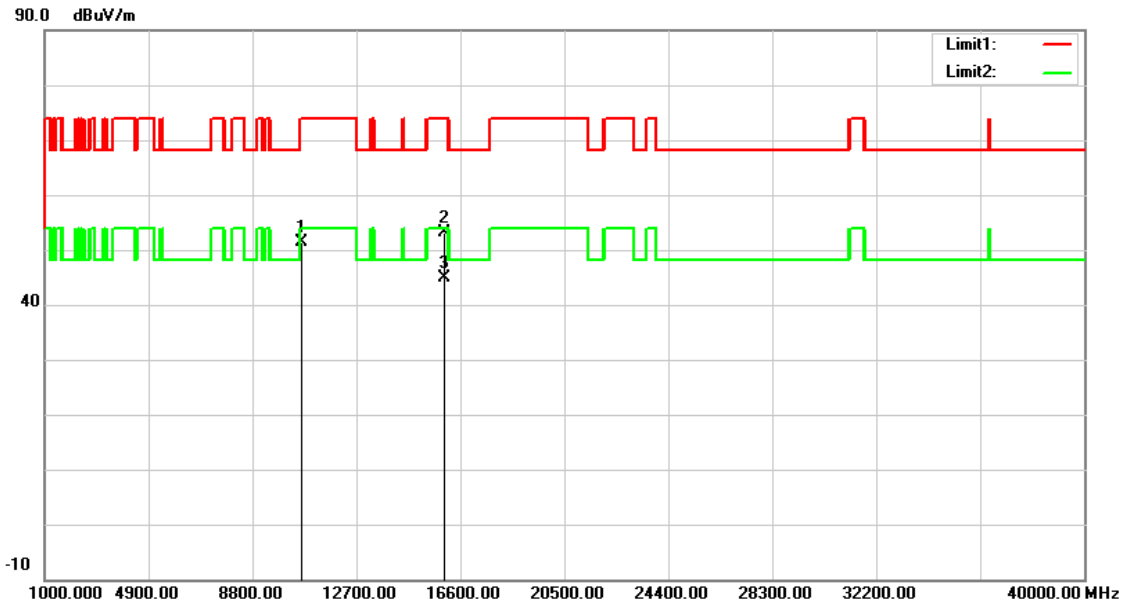
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	33.42	17.87	51.29	68.20	-16.91	peak
2	15840.000	34.52	19.89	54.41	74.00	-19.59	peak
3	15840.000	25.22	19.89	45.11	54.00	-8.89	AVG

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



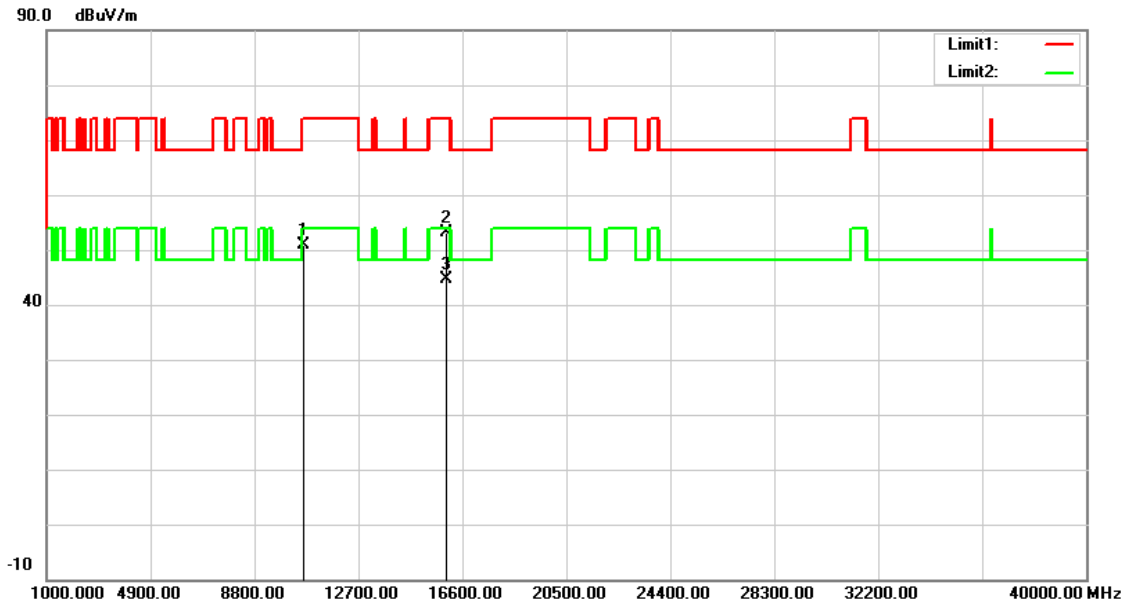
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	33.44	18.01	51.45	74.00	-22.55	peak
2	15960.000	33.69	19.51	53.20	74.00	-20.80	peak
3	15960.000	25.33	19.51	44.84	54.00	-9.16	AVG

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



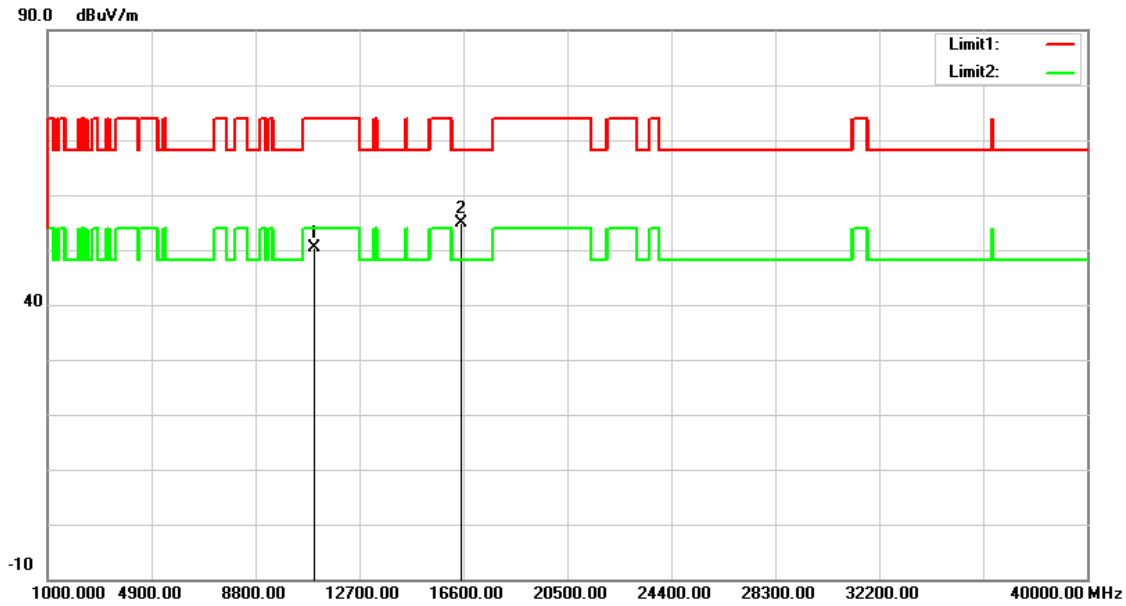
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	32.82	18.01	50.83	74.00	-23.17	peak
2	15960.000	33.54	19.51	53.05	74.00	-20.95	peak
3	15960.000	25.08	19.51	44.59	54.00	-9.41	AVG

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

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

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

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



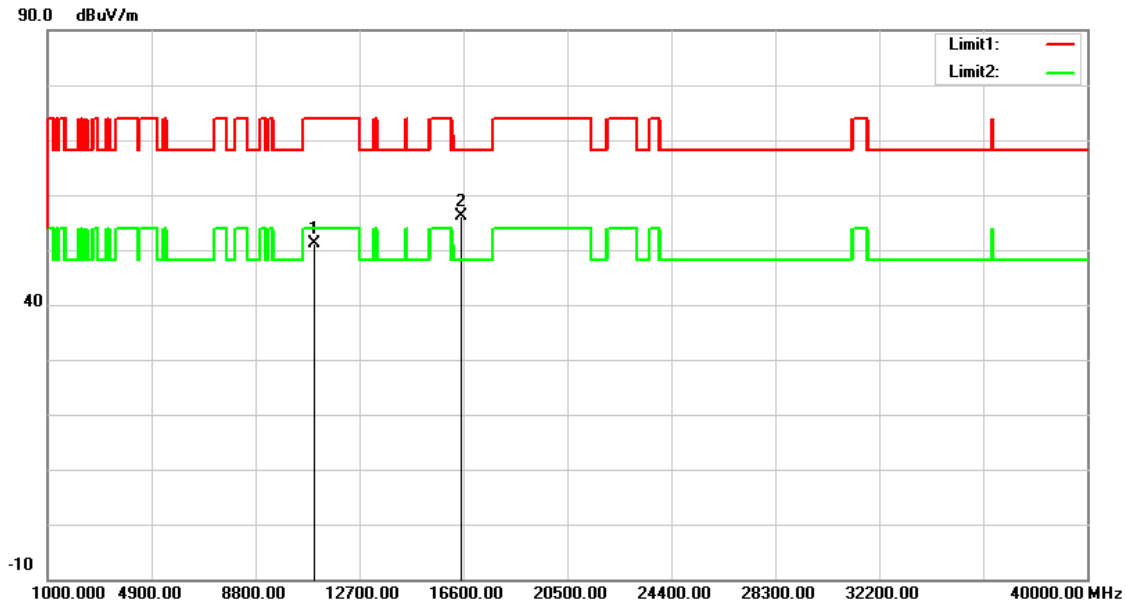
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	31.72	18.61	50.33	74.00	-23.67	peak
2	16500.000	33.22	21.68	54.90	68.20	-13.30	peak

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



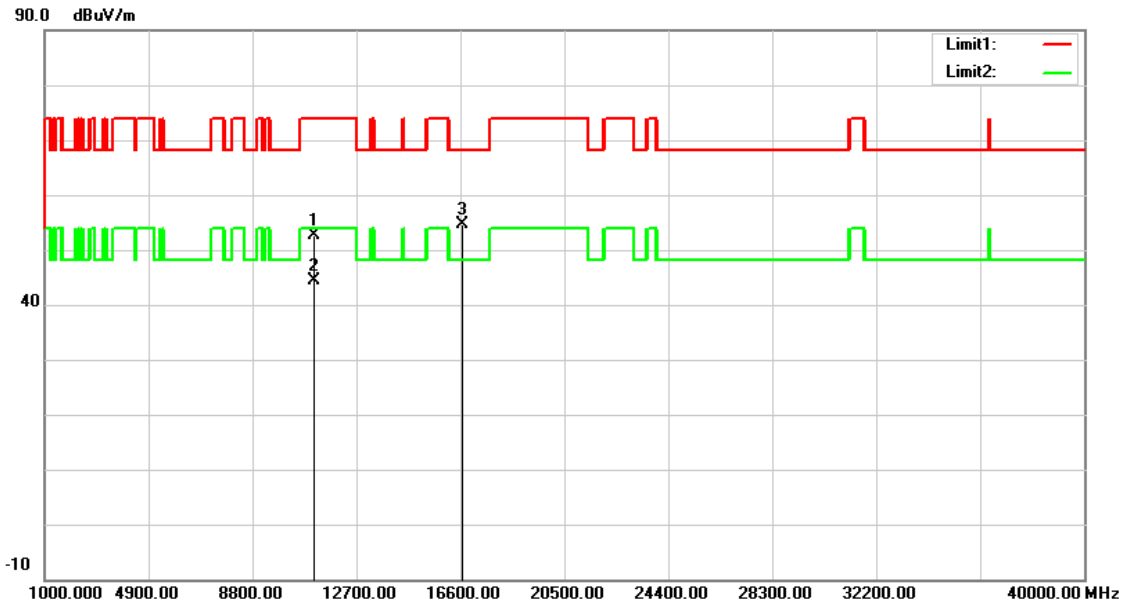
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	32.48	18.61	51.09	74.00	-22.91	peak
2	16500.000	34.35	21.68	56.03	68.20	-12.17	peak

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

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

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

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



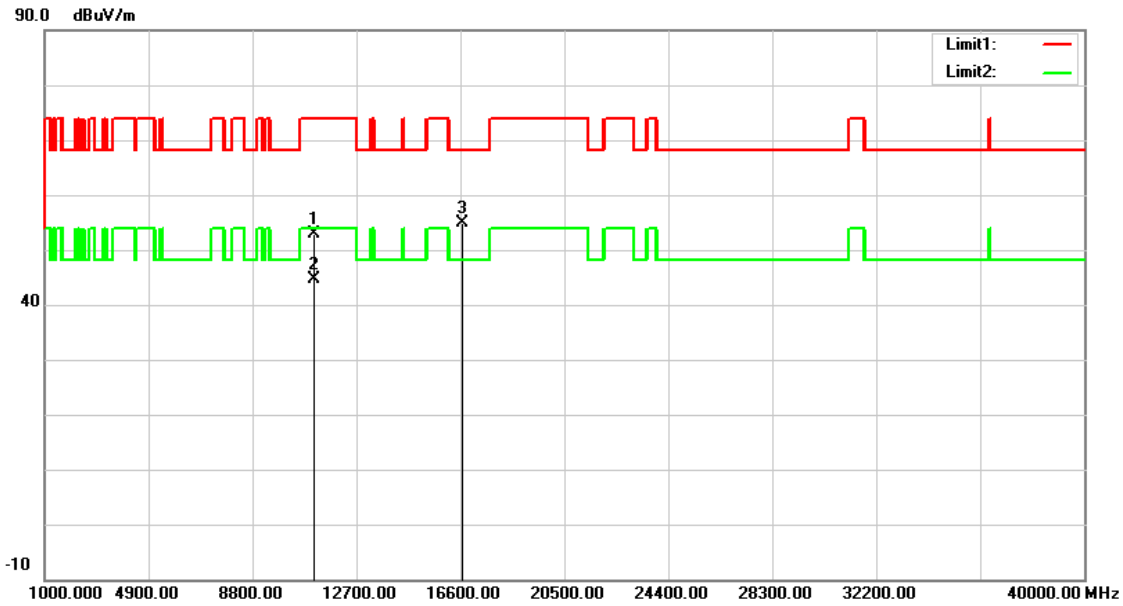
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	33.90	18.78	52.68	74.00	-21.32	peak
2	11120.000	25.60	18.78	44.38	54.00	-9.62	AVG
3	16680.000	31.95	22.64	54.59	68.20	-13.61	peak

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

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

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

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



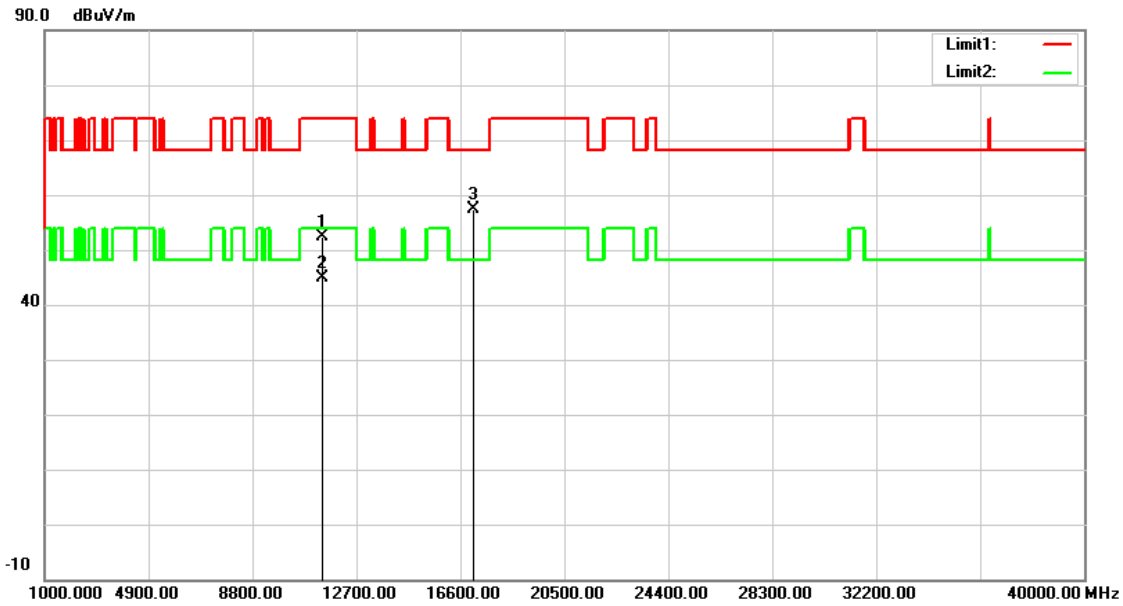
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	34.09	18.78	52.87	74.00	-21.13	peak
2	11120.000	25.94	18.78	44.72	54.00	-9.28	AVG
3	16680.000	32.30	22.64	54.94	68.20	-13.26	peak

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

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

3. When the peak 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.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



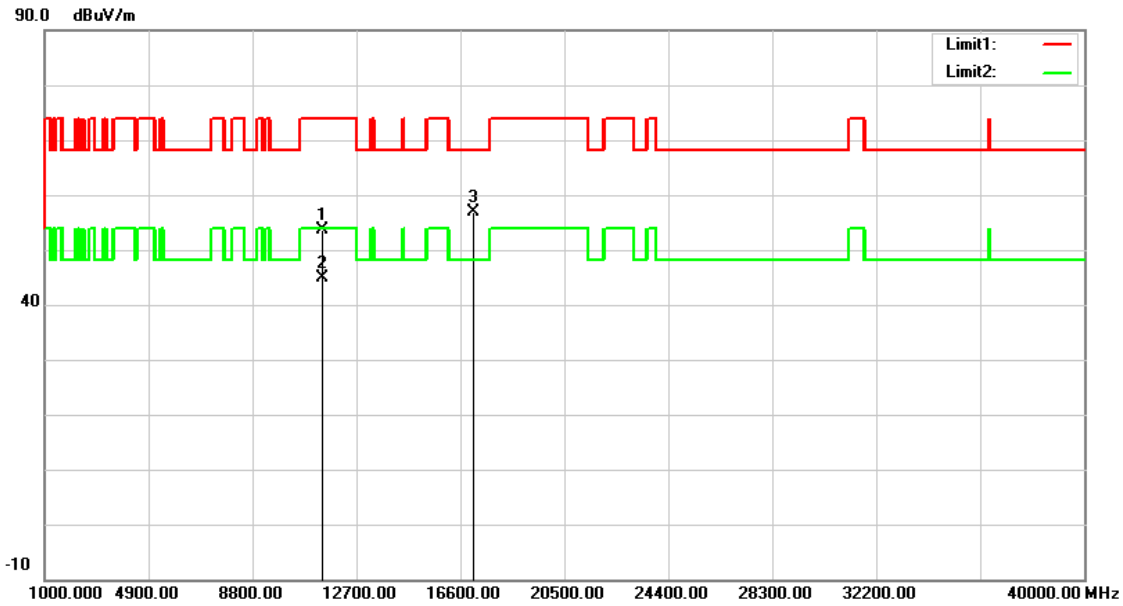
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	33.12	19.18	52.30	74.00	-21.70	peak
2	11400.000	25.75	19.18	44.93	54.00	-9.07	AVG
3	17100.000	32.63	24.64	57.27	68.20	-10.93	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5700 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



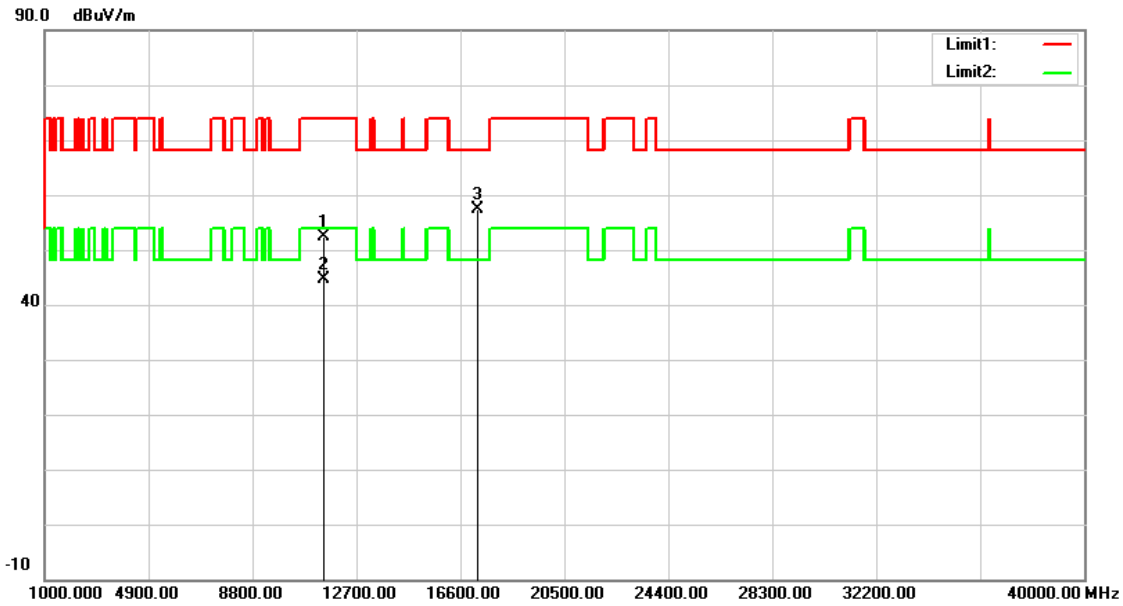
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	34.48	19.18	53.66	74.00	-20.34	peak
2	11400.000	25.67	19.18	44.85	54.00	-9.15	AVG
3	17100.000	32.20	24.64	56.84	68.20	-11.36	peak

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



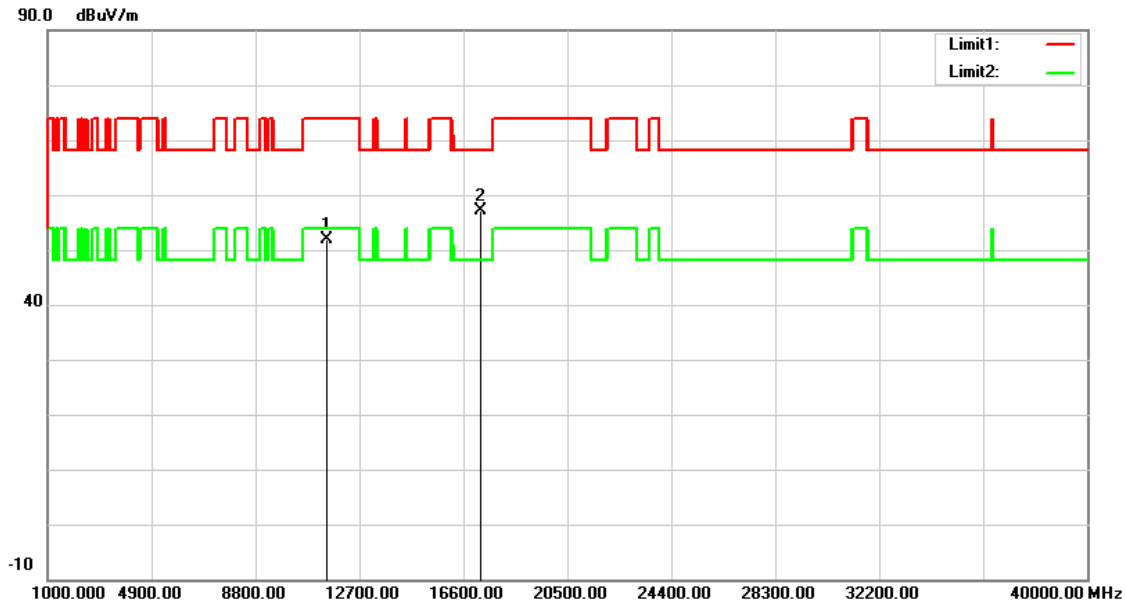
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	32.99	19.30	52.29	74.00	-21.71	peak
2	11490.000	25.37	19.30	44.67	54.00	-9.33	AVG
3	17235.000	32.27	25.04	57.31	68.20	-10.89	peak

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

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

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

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



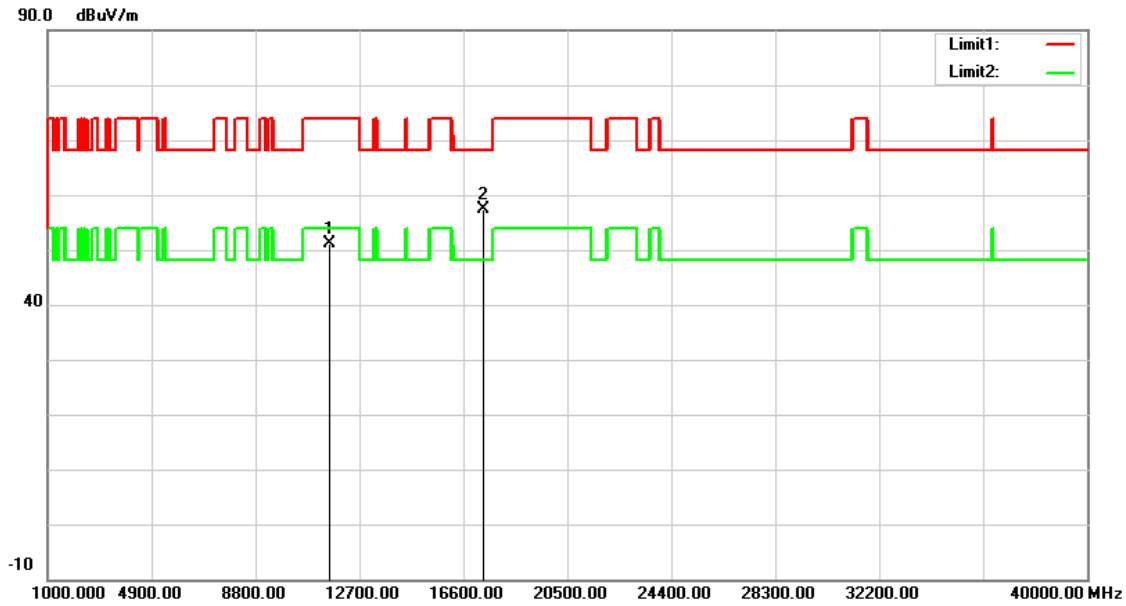
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	32.53	19.30	51.83	74.00	-22.17	peak
2	17235.000	31.98	25.04	57.02	68.20	-11.18	peak

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

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

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

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



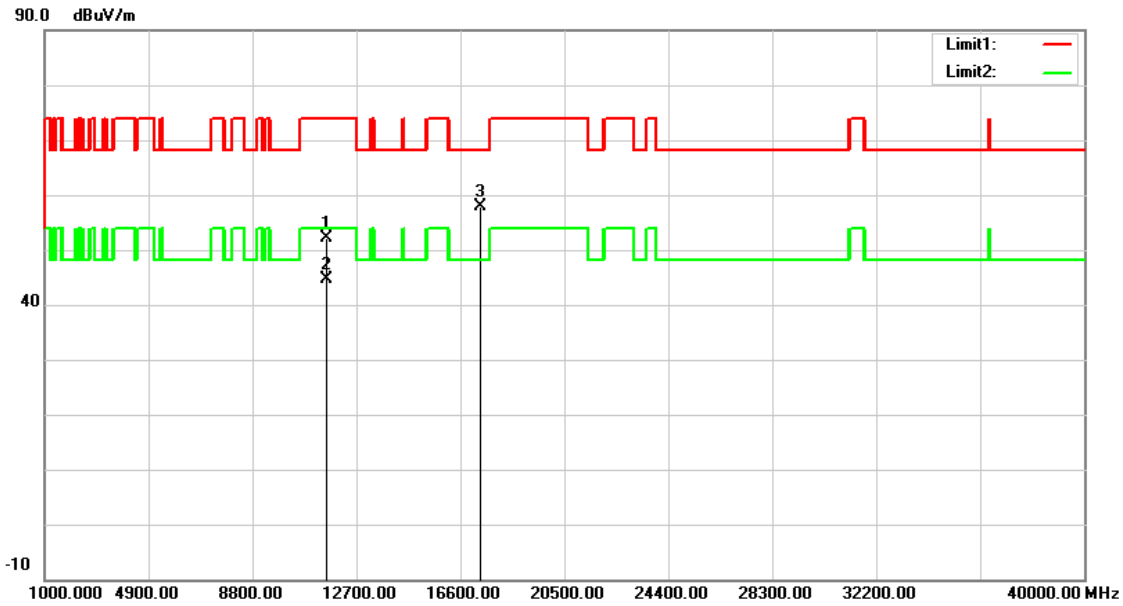
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	31.80	19.27	51.07	74.00	-22.93	peak
2	17355.000	32.05	25.40	57.45	68.20	-10.75	peak

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

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

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

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



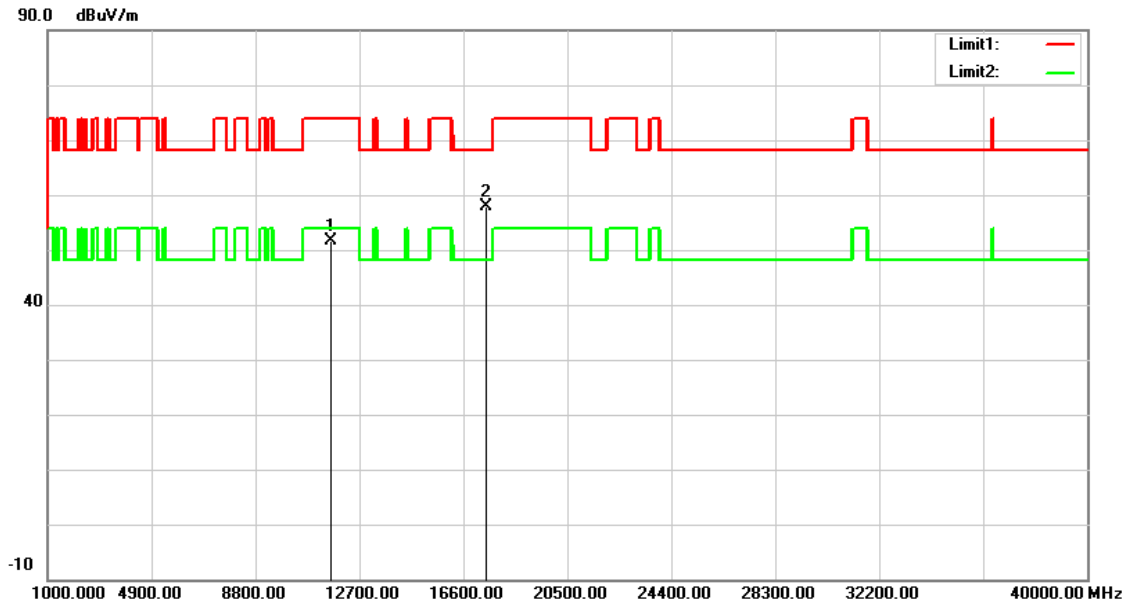
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	32.75	19.27	52.02	74.00	-21.98	peak
2	11570.000	25.24	19.27	44.51	54.00	-9.49	AVG
3	17355.000	32.36	25.40	57.76	68.20	-10.44	peak

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:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	5825 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



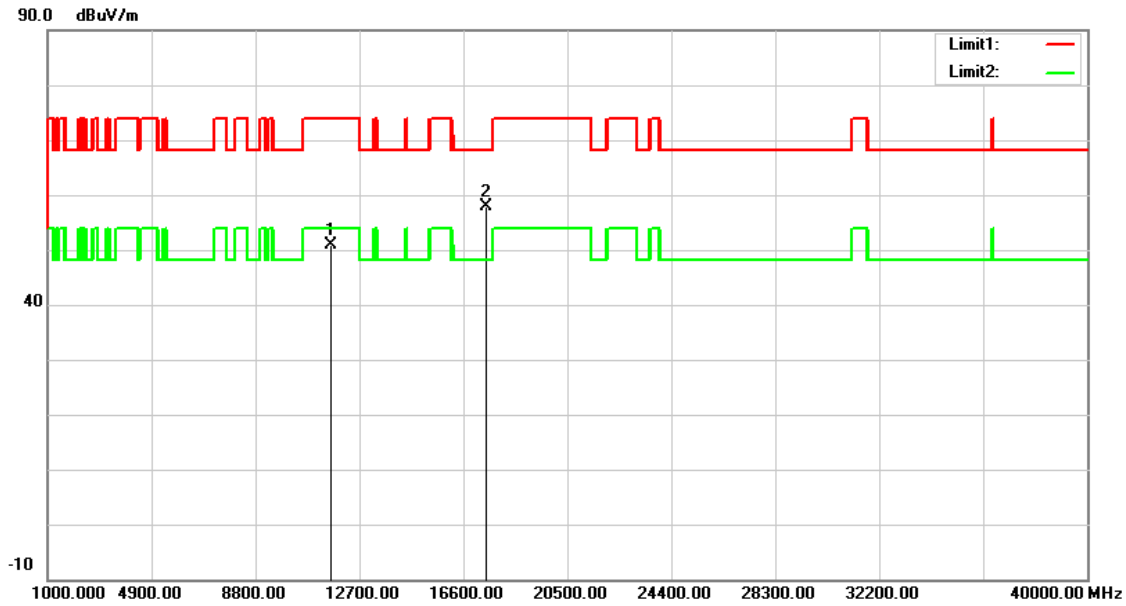
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	32.49	19.23	51.72	74.00	-22.28	peak
2	17475.000	32.13	25.74	57.87	68.20	-10.33	peak

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

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	31.55	19.23	50.78	74.00	-23.22	peak
2	17475.000	32.17	25.74	57.91	68.20	-10.29	peak

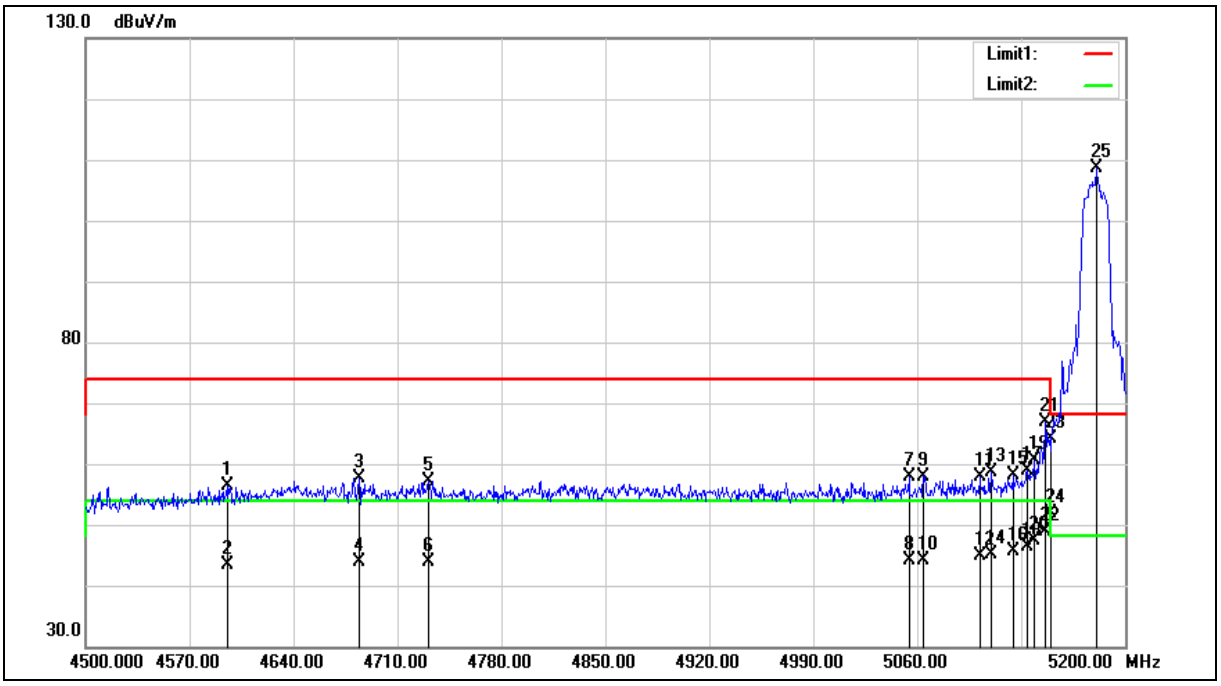
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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

Band Edge

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



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4595.200	51.05	5.22	56.27	74.00	-17.73	peak
2	4595.200	38.12	5.22	43.34	54.00	-10.66	AVG
3	4684.100	52.17	5.48	57.65	74.00	-16.35	peak
4	4684.100	38.51	5.48	43.99	54.00	-10.01	AVG
5	4731.000	51.60	5.62	57.22	74.00	-16.78	peak
6	4731.000	38.34	5.62	43.96	54.00	-10.04	AVG
7	5054.400	51.42	6.55	57.97	74.00	-16.03	peak
8	5054.400	37.50	6.55	44.05	54.00	-9.95	AVG
9	5064.200	51.42	6.58	58.00	74.00	-16.00	peak
10	5064.200	37.66	6.58	44.24	54.00	-9.76	AVG
11	5102.000	51.21	6.69	57.90	74.00	-16.10	peak
12	5102.000	38.12	6.69	44.81	54.00	-9.19	AVG
13	5109.700	51.98	6.71	58.69	74.00	-15.31	peak
14	5109.700	38.40	6.71	45.11	54.00	-8.89	AVG
15	5124.400	51.43	6.75	58.18	74.00	-15.82	peak
16	5124.400	38.76	6.75	45.51	54.00	-8.49	AVG
17	5134.200	52.06	6.79	58.85	74.00	-15.15	peak
18	5134.200	39.62	6.79	46.41	54.00	-7.59	AVG
19	5139.100	53.74	6.81	60.55	74.00	-13.45	peak
20	5139.100	40.45	6.81	47.26	54.00	-6.74	AVG
21	5146.100	60.17	6.83	67.00	74.00	-7.00	peak
22	5146.100	42.02	6.83	48.85	54.00	-5.15	AVG
23	5150.000	57.18	6.84	64.02	74.00	-9.98	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:	5180 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

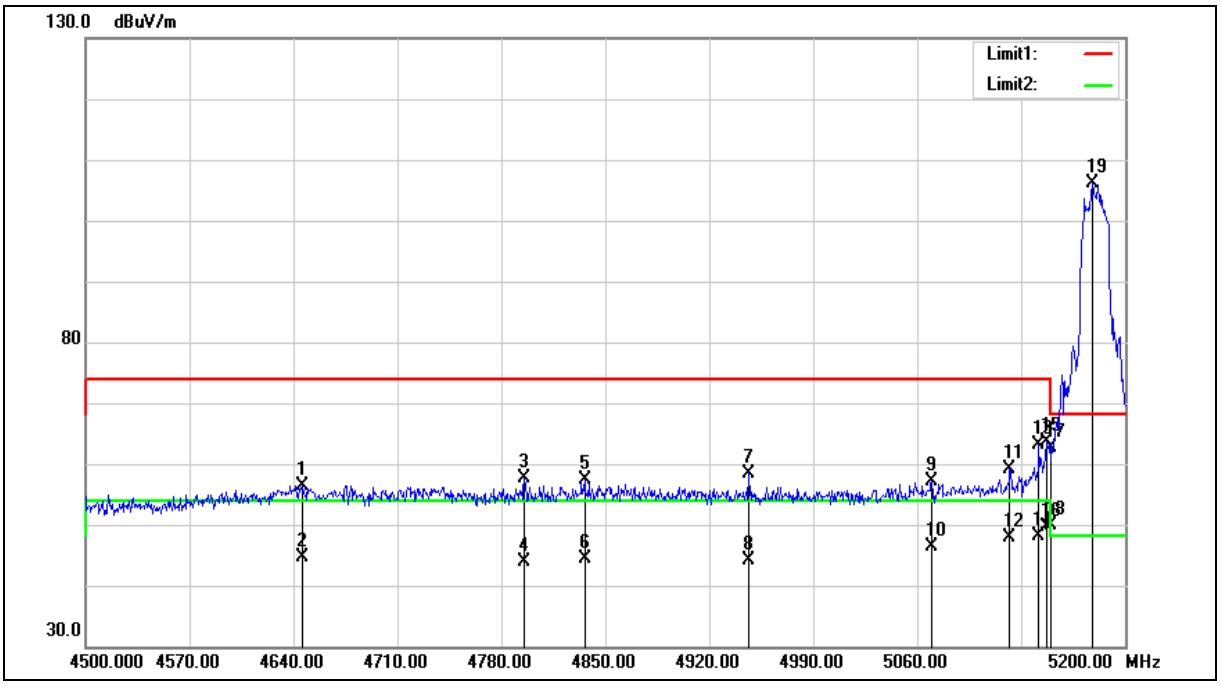
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24	5150.000	45.00	6.84	51.84	54.00	-2.16	AVG
25	5180.400	101.65	6.93	108.58	--	--	peak

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

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

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

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



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

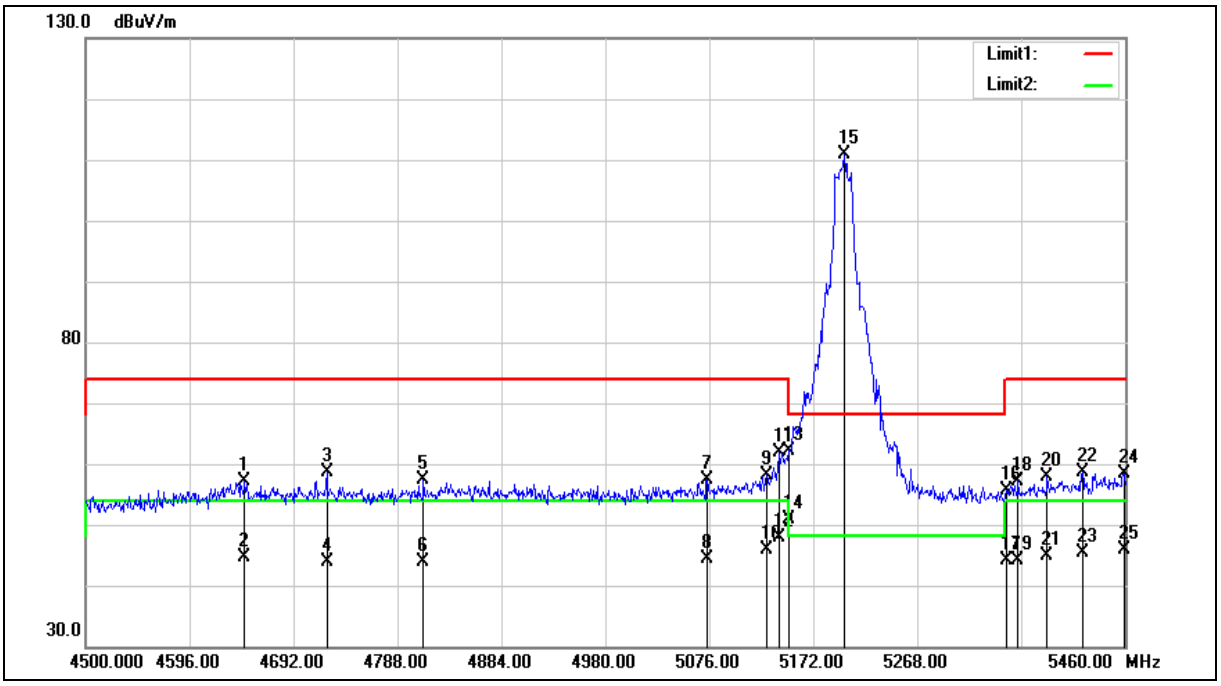
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4645.600	51.05	5.36	56.41	74.00	-17.59	peak
2	4645.600	39.24	5.36	44.60	54.00	-9.40	AVG
3	4795.400	51.71	5.81	57.52	74.00	-16.48	peak
4	4795.400	38.06	5.81	43.87	54.00	-10.13	AVG
5	4836.000	51.48	5.92	57.40	74.00	-16.60	peak
6	4836.000	38.43	5.92	44.35	54.00	-9.65	AVG
7	4946.600	52.04	6.24	58.28	74.00	-15.72	peak
8	4946.600	37.81	6.24	44.05	54.00	-9.95	AVG
9	5069.800	50.62	6.60	57.22	74.00	-16.78	peak
10	5069.800	39.69	6.60	46.29	54.00	-7.71	AVG
11	5122.300	52.33	6.75	59.08	74.00	-14.92	peak
12	5122.300	41.21	6.75	47.96	54.00	-6.04	AVG
13	5141.900	56.31	6.81	63.12	74.00	-10.88	peak
14	5141.900	41.37	6.81	48.18	54.00	-5.82	AVG
15	5146.800	56.85	6.83	63.68	74.00	-10.32	peak
16	5146.800	42.71	6.83	49.54	54.00	-4.46	AVG
17	5150.000	55.70	6.84	62.54	74.00	-11.46	peak
18	5150.000	43.13	6.84	49.97	54.00	-4.03	AVG
19	5178.300	99.31	6.92	106.23	--	--	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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



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

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4646.880	51.82	5.36	57.18	74.00	-16.82	peak
2	4646.880	39.17	5.36	44.53	54.00	-9.47	AVG
3	4722.720	52.92	5.59	58.51	74.00	-15.49	peak
4	4722.720	38.20	5.59	43.79	54.00	-10.21	AVG
5	4812.000	51.53	5.85	57.38	74.00	-16.62	peak
6	4812.000	38.15	5.85	44.00	54.00	-10.00	AVG
7	5074.080	50.68	6.61	57.29	74.00	-16.71	peak
8	5074.080	37.82	6.61	44.43	54.00	-9.57	AVG
9	5128.800	51.31	6.78	58.09	74.00	-15.91	peak
10	5128.800	39.09	6.78	45.87	54.00	-8.13	AVG
11	5140.320	54.95	6.81	61.76	74.00	-12.24	peak
12	5140.320	41.05	6.81	47.86	54.00	-6.14	AVG
13	5150.000	55.24	6.84	62.08	74.00	-11.92	peak
14	5150.000	44.07	6.84	50.91	54.00	-3.09	AVG
15	5200.800	103.87	6.98	110.85	--	--	peak
16	5350.000	48.10	7.41	55.51	74.00	-18.49	peak
17	5350.000	36.76	7.41	44.17	54.00	-9.83	AVG
18	5361.120	49.81	7.44	57.25	74.00	-16.75	peak
19	5361.120	36.79	7.44	44.23	54.00	-9.77	AVG
20	5388.000	50.34	7.53	57.87	74.00	-16.13	peak
21	5388.000	37.29	7.53	44.82	54.00	-9.18	AVG
22	5420.640	50.91	7.62	58.53	74.00	-15.47	peak
23	5420.640	37.80	7.62	45.42	54.00	-8.58	AVG

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

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

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

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

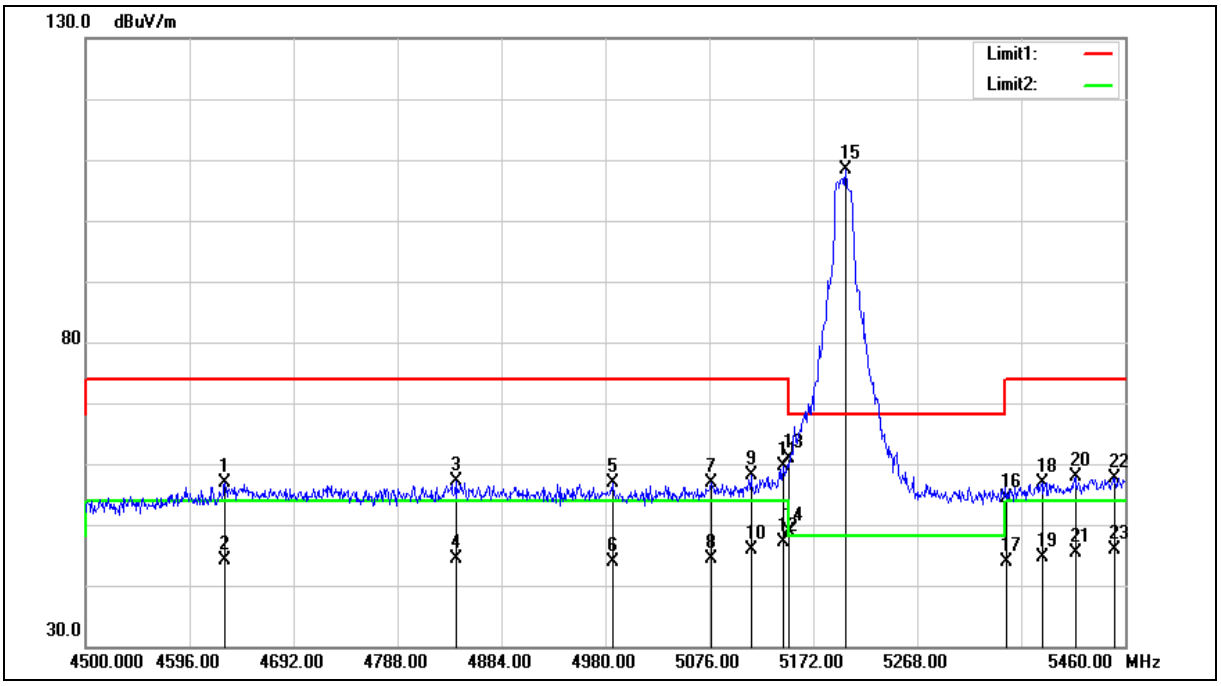
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
24	5459.040	50.75	7.73	58.48	74.00	-15.52	peak
25	5459.040	38.25	7.73	45.98	54.00	-8.02	AVG

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:	5200 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



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

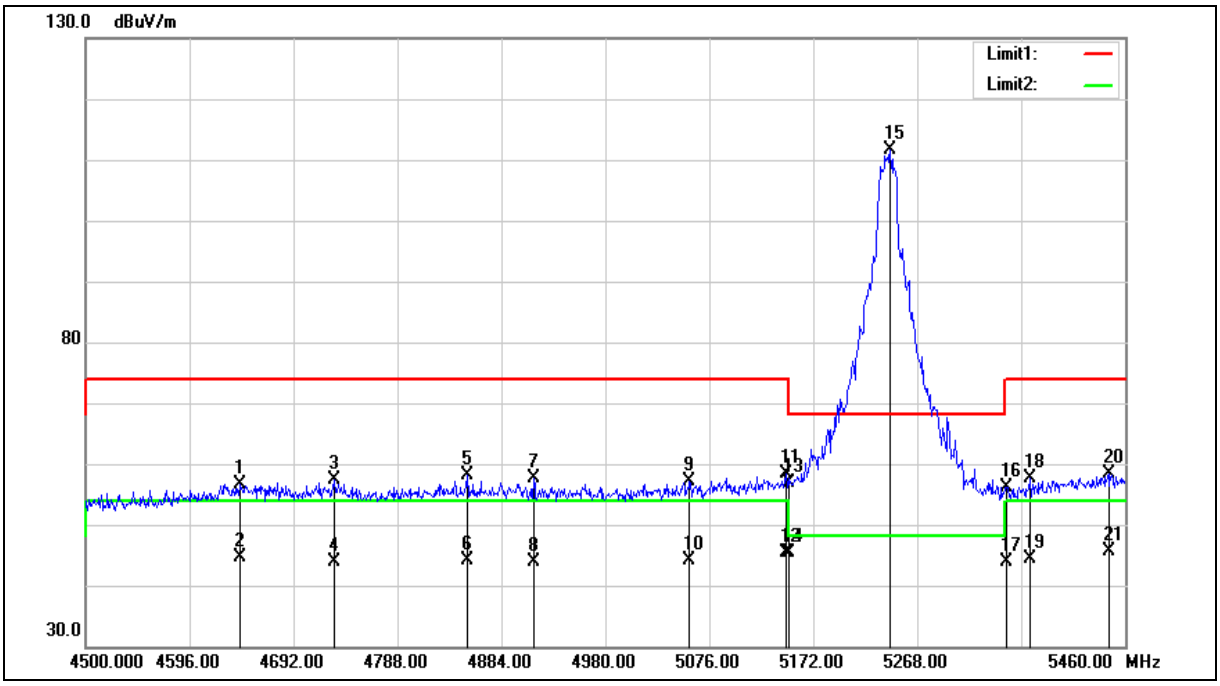
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4628.640	51.56	5.31	56.87	74.00	-17.13	peak
2	4628.640	38.90	5.31	44.21	54.00	-9.79	AVG
3	4841.760	51.13	5.93	57.06	74.00	-16.94	peak
4	4841.760	38.45	5.93	44.38	54.00	-9.62	AVG
5	4986.720	50.55	6.36	56.91	74.00	-17.09	peak
6	4986.720	37.45	6.36	43.81	54.00	-10.19	AVG
7	5077.920	50.28	6.62	56.90	74.00	-17.10	peak
8	5077.920	37.76	6.62	44.38	54.00	-9.62	AVG
9	5114.400	51.38	6.72	58.10	74.00	-15.90	peak
10	5114.400	39.24	6.72	45.96	54.00	-8.04	AVG
11	5144.160	52.92	6.82	59.74	74.00	-14.26	peak
12	5144.160	40.36	6.82	47.18	54.00	-6.82	AVG
13	5150.000	53.92	6.84	60.76	74.00	-13.24	peak
14	5150.000	42.15	6.84	48.99	54.00	-5.01	AVG
15	5201.760	101.38	6.99	108.37	--	--	peak
16	5350.000	46.86	7.41	54.27	74.00	-19.73	peak
17	5350.000	36.54	7.41	43.95	54.00	-10.05	AVG
18	5383.200	49.48	7.51	56.99	74.00	-17.01	peak
19	5383.200	37.14	7.51	44.65	54.00	-9.35	AVG
20	5413.920	50.16	7.60	57.76	74.00	-16.24	peak
21	5413.920	37.70	7.60	45.30	54.00	-8.70	AVG
22	5450.400	49.99	7.71	57.70	74.00	-16.30	peak
23	5450.400	38.13	7.71	45.84	54.00	-8.16	AVG

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

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

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

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



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

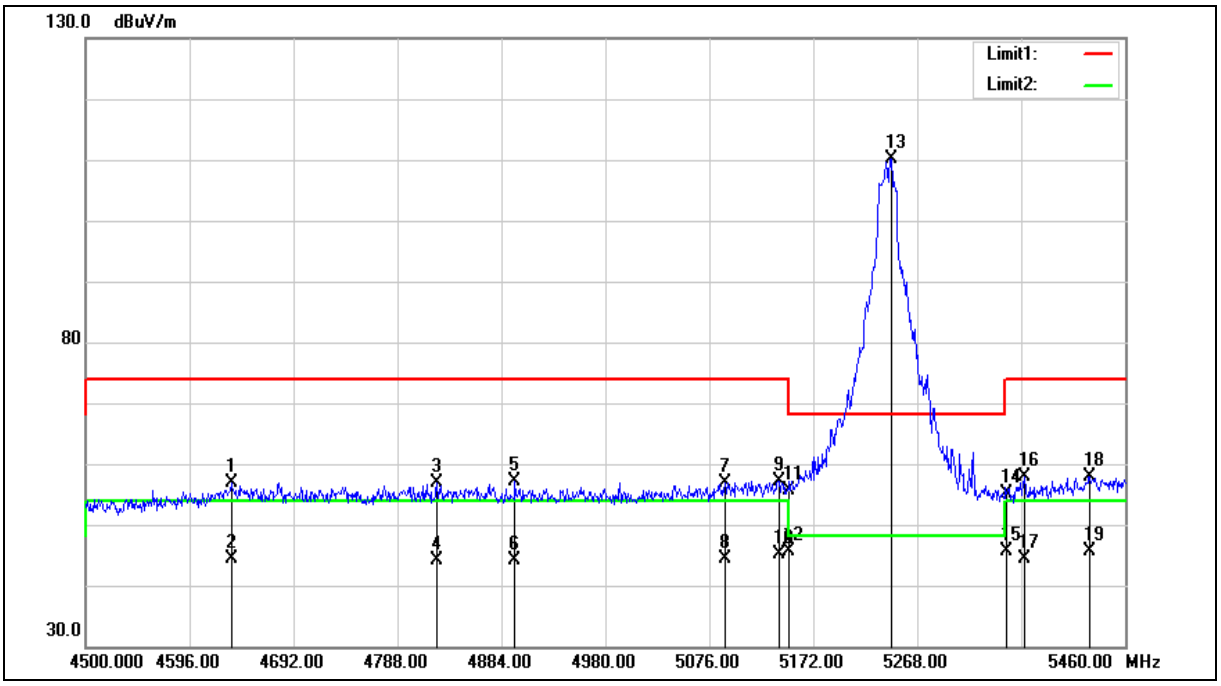
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4642.080	51.19	5.35	56.54	74.00	-17.46	peak
2	4642.080	39.16	5.35	44.51	54.00	-9.49	AVG
3	4729.440	51.72	5.61	57.33	74.00	-16.67	peak
4	4729.440	38.19	5.61	43.80	54.00	-10.20	AVG
5	4852.320	52.26	5.98	58.24	74.00	-15.76	peak
6	4852.320	38.25	5.98	44.23	54.00	-9.77	AVG
7	4913.760	51.59	6.15	57.74	74.00	-16.26	peak
8	4913.760	37.75	6.15	43.90	54.00	-10.10	AVG
9	5057.760	50.46	6.57	57.03	74.00	-16.97	peak
10	5057.760	37.44	6.57	44.01	54.00	-9.99	AVG
11	5147.040	51.51	6.83	58.34	74.00	-15.66	peak
12	5147.040	38.53	6.83	45.36	54.00	-8.64	AVG
13	5150.000	50.13	6.84	56.97	74.00	-17.03	peak
14	5150.000	38.60	6.84	45.44	54.00	-8.56	AVG
15	5243.040	104.51	7.10	111.61	--	--	peak
16	5350.000	48.63	7.41	56.04	74.00	-17.96	peak
17	5350.000	36.54	7.41	43.95	54.00	-10.05	AVG
18	5371.680	50.24	7.47	57.71	74.00	-16.29	peak
19	5371.680	36.83	7.47	44.30	54.00	-9.70	AVG
20	5444.640	50.81	7.69	58.50	74.00	-15.50	peak
21	5444.640	38.04	7.69	45.73	54.00	-8.27	AVG

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

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

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

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



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

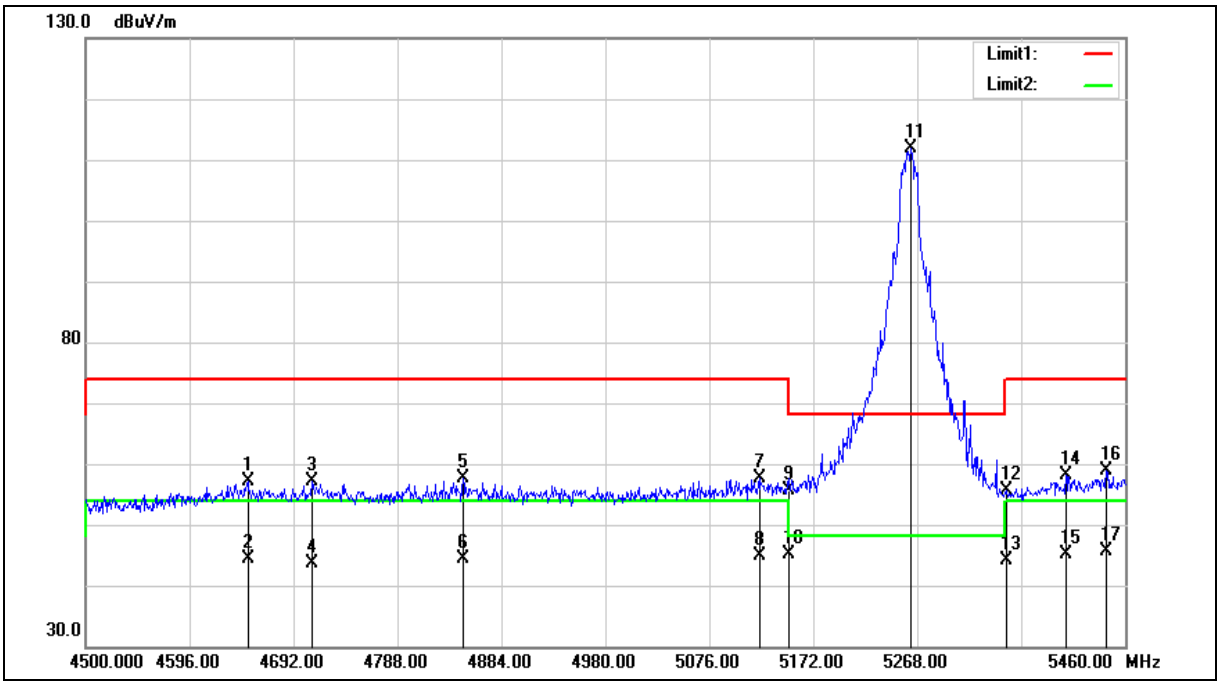
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4634.400	51.63	5.34	56.97	74.00	-17.03	peak
2	4634.400	39.02	5.34	44.36	54.00	-9.64	AVG
3	4824.480	50.88	5.88	56.76	74.00	-17.24	peak
4	4824.480	38.29	5.88	44.17	54.00	-9.83	AVG
5	4896.480	51.08	6.09	57.17	74.00	-16.83	peak
6	4896.480	37.92	6.09	44.01	54.00	-9.99	AVG
7	5090.400	50.23	6.66	56.89	74.00	-17.11	peak
8	5090.400	37.75	6.66	44.41	54.00	-9.59	AVG
9	5140.320	50.42	6.81	57.23	74.00	-16.77	peak
10	5140.320	38.31	6.81	45.12	54.00	-8.88	AVG
11	5150.000	48.87	6.84	55.71	74.00	-18.29	peak
12	5150.000	38.88	6.84	45.72	54.00	-8.28	AVG
13	5244.000	103.09	7.10	110.19	--	--	peak
14	5350.000	47.83	7.41	55.24	74.00	-18.76	peak
15	5350.000	38.31	7.41	45.72	54.00	-8.28	AVG
16	5366.880	50.35	7.46	57.81	74.00	-16.19	peak
17	5366.880	36.85	7.46	44.31	54.00	-9.69	AVG
18	5427.360	50.26	7.64	57.90	74.00	-16.10	peak
19	5427.360	37.93	7.64	45.57	54.00	-8.43	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:	5260 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5260 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

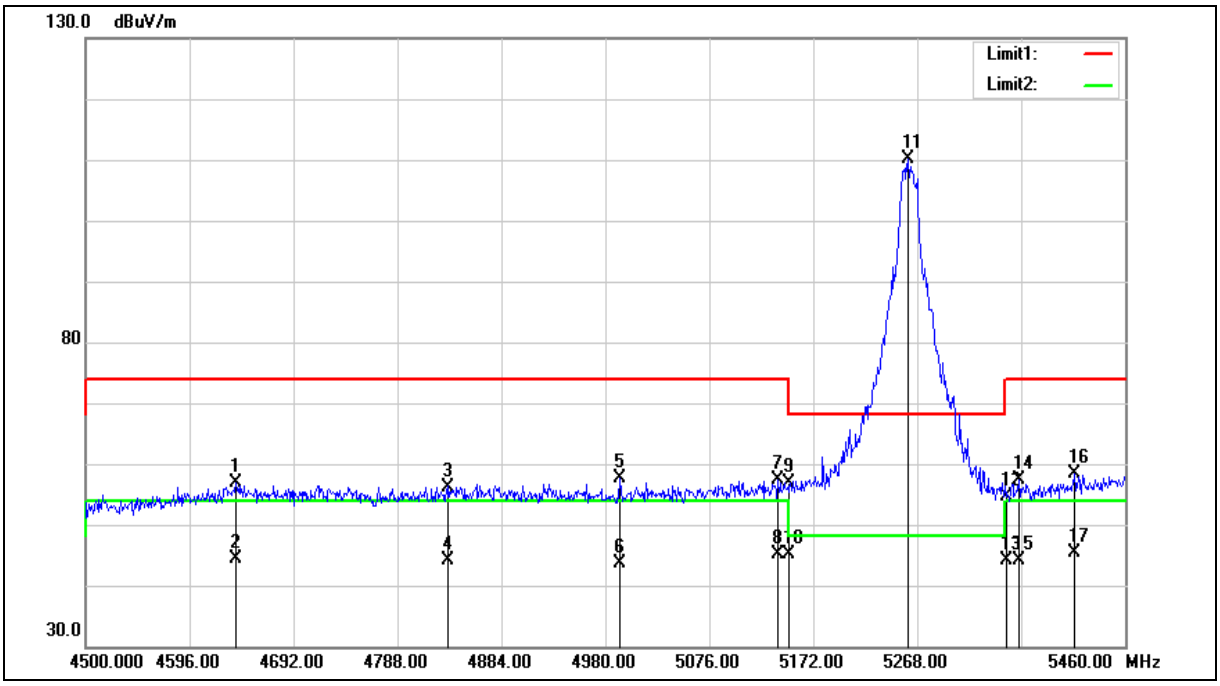
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4649.760	51.71	5.37	57.08	74.00	-16.92	peak
2	4649.760	38.93	5.37	44.30	54.00	-9.70	AVG
3	4709.280	51.63	5.55	57.18	74.00	-16.82	peak
4	4709.280	38.15	5.55	43.70	54.00	-10.30	AVG
5	4848.480	51.67	5.97	57.64	74.00	-16.36	peak
6	4848.480	38.30	5.97	44.27	54.00	-9.73	AVG
7	5122.080	50.77	6.75	57.52	74.00	-16.48	peak
8	5122.080	38.12	6.75	44.87	54.00	-9.13	AVG
9	5150.000	48.68	6.84	55.52	74.00	-18.48	peak
10	5150.000	38.32	6.84	45.16	54.00	-8.84	AVG
11	5262.240	104.62	7.16	111.78	--	--	peak
12	5350.000	48.16	7.41	55.57	74.00	-18.43	peak
13	5350.000	36.74	7.41	44.15	54.00	-9.85	AVG
14	5405.280	50.45	7.58	58.03	74.00	-15.97	peak
15	5405.280	37.57	7.58	45.15	54.00	-8.85	AVG
16	5442.720	51.15	7.68	58.83	74.00	-15.17	peak
17	5442.720	38.02	7.68	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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5260 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5260 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

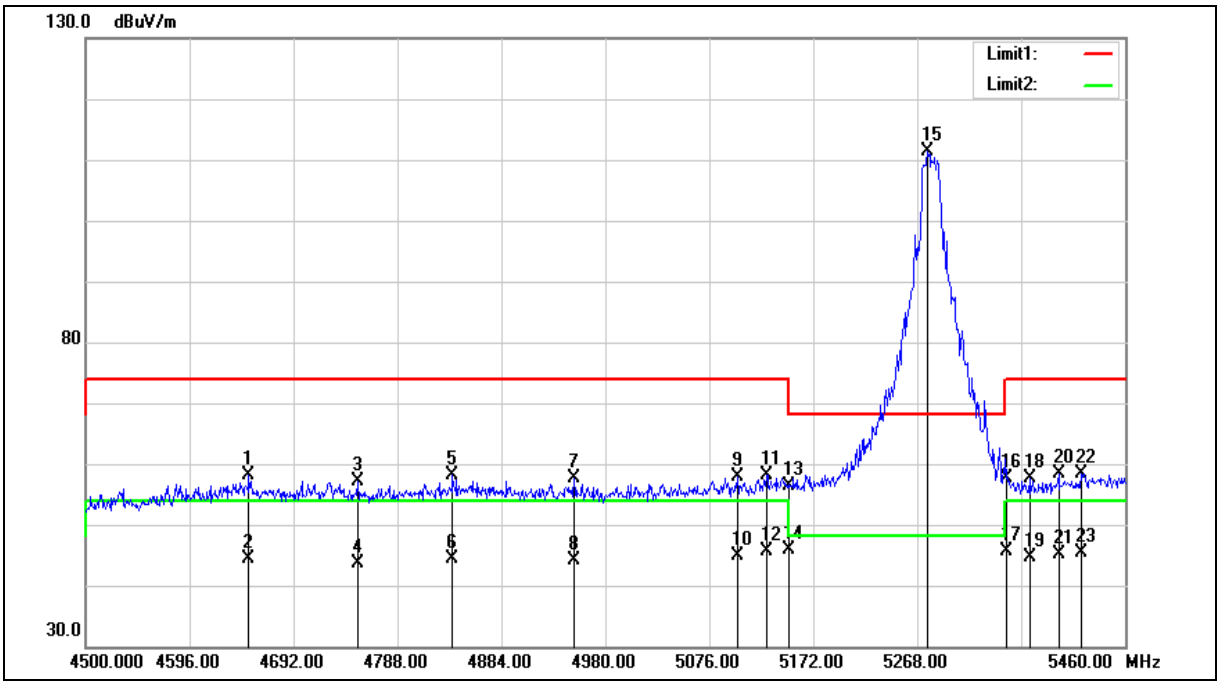
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4639.200	51.63	5.35	56.98	74.00	-17.02	peak
2	4639.200	39.11	5.35	44.46	54.00	-9.54	AVG
3	4835.040	50.33	5.92	56.25	74.00	-17.75	peak
4	4835.040	38.26	5.92	44.18	54.00	-9.82	AVG
5	4993.440	51.20	6.39	57.59	74.00	-16.41	peak
6	4993.440	37.24	6.39	43.63	54.00	-10.37	AVG
7	5139.360	50.47	6.81	57.28	74.00	-16.72	peak
8	5139.360	38.24	6.81	45.05	54.00	-8.95	AVG
9	5150.000	50.04	6.84	56.88	74.00	-17.12	peak
10	5150.000	38.36	6.84	45.20	54.00	-8.80	AVG
11	5259.360	103.00	7.15	110.15	--	--	peak
12	5350.000	47.12	7.41	54.53	74.00	-19.47	peak
13	5350.000	36.67	7.41	44.08	54.00	-9.92	AVG
14	5362.080	49.87	7.44	57.31	74.00	-16.69	peak
15	5362.080	36.81	7.44	44.25	54.00	-9.75	AVG
16	5412.960	50.70	7.60	58.30	74.00	-15.70	peak
17	5412.960	37.66	7.60	45.26	54.00	-8.74	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.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



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

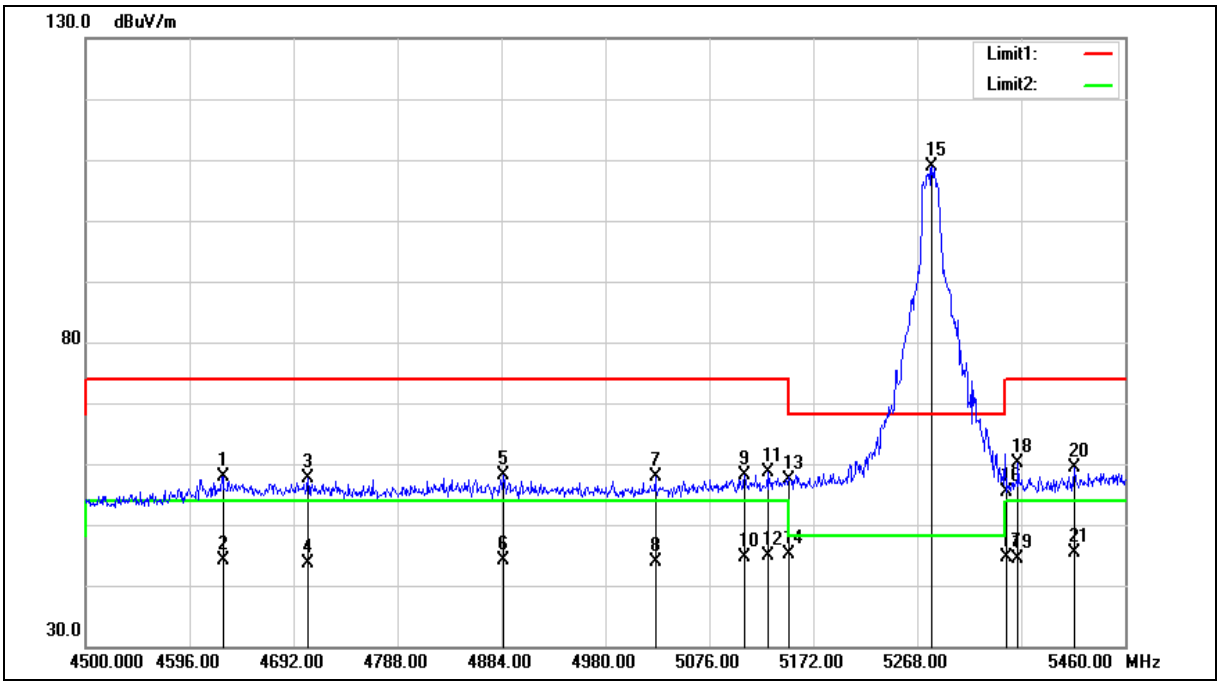
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4650.720	52.65	5.37	58.02	74.00	-15.98	peak
2	4650.720	38.92	5.37	44.29	54.00	-9.71	AVG
3	4751.520	51.45	5.67	57.12	74.00	-16.88	peak
4	4751.520	37.87	5.67	43.54	54.00	-10.46	AVG
5	4838.880	52.30	5.93	58.23	74.00	-15.77	peak
6	4838.880	38.37	5.93	44.30	54.00	-9.70	AVG
7	4951.200	51.49	6.25	57.74	74.00	-16.26	peak
8	4951.200	37.76	6.25	44.01	54.00	-9.99	AVG
9	5101.920	51.10	6.69	57.79	74.00	-16.21	peak
10	5101.920	38.18	6.69	44.87	54.00	-9.13	AVG
11	5128.800	51.43	6.78	58.21	74.00	-15.79	peak
12	5128.800	38.83	6.78	45.61	54.00	-8.39	AVG
13	5150.000	49.59	6.84	56.43	74.00	-17.57	peak
14	5150.000	38.98	6.84	45.82	54.00	-8.18	AVG
15	5277.600	104.23	7.21	111.44	--	--	peak
16	5350.000	50.21	7.41	57.62	74.00	-16.38	peak
17	5350.000	38.28	7.41	45.69	54.00	-8.31	AVG
18	5371.680	50.27	7.47	57.74	74.00	-16.26	peak
19	5371.680	37.05	7.47	44.52	54.00	-9.48	AVG
20	5398.560	50.78	7.56	58.34	74.00	-15.66	peak
21	5398.560	37.46	7.56	45.02	54.00	-8.98	AVG
22	5419.680	50.83	7.62	58.45	74.00	-15.55	peak
23	5419.680	37.80	7.62	45.42	54.00	-8.58	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.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



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

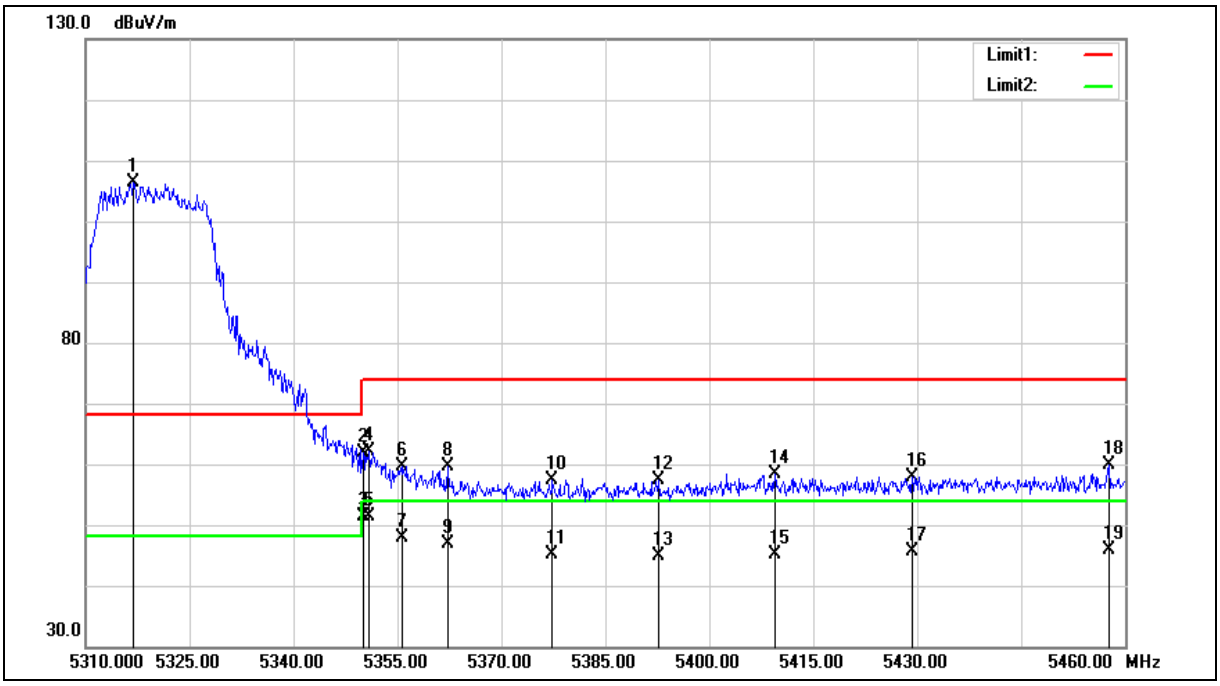
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4626.720	52.61	5.31	57.92	74.00	-16.08	peak
2	4626.720	38.85	5.31	44.16	54.00	-9.84	AVG
3	4705.440	52.07	5.54	57.61	74.00	-16.39	peak
4	4705.440	38.20	5.54	43.74	54.00	-10.26	AVG
5	4885.920	52.00	6.07	58.07	74.00	-15.93	peak
6	4885.920	38.05	6.07	44.12	54.00	-9.88	AVG
7	5026.080	51.28	6.48	57.76	74.00	-16.24	peak
8	5026.080	37.38	6.48	43.86	54.00	-10.14	AVG
9	5108.640	51.37	6.71	58.08	74.00	-15.92	peak
10	5108.640	37.96	6.71	44.67	54.00	-9.33	AVG
11	5129.760	51.90	6.78	58.68	74.00	-15.32	peak
12	5129.760	38.16	6.78	44.94	54.00	-9.06	AVG
13	5150.000	50.46	6.84	57.30	74.00	-16.70	peak
14	5150.000	38.35	6.84	45.19	54.00	-8.81	AVG
15	5281.440	101.75	7.21	108.96	--	--	peak
16	5350.000	47.88	7.41	55.29	74.00	-18.71	peak
17	5350.000	37.15	7.41	44.56	54.00	-9.44	AVG
18	5361.120	52.70	7.44	60.14	74.00	-13.86	peak
19	5361.120	37.04	7.44	44.48	54.00	-9.52	AVG
20	5412.960	51.85	7.60	59.45	74.00	-14.55	peak
21	5412.960	37.76	7.60	45.36	54.00	-8.64	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:	5320 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5320 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

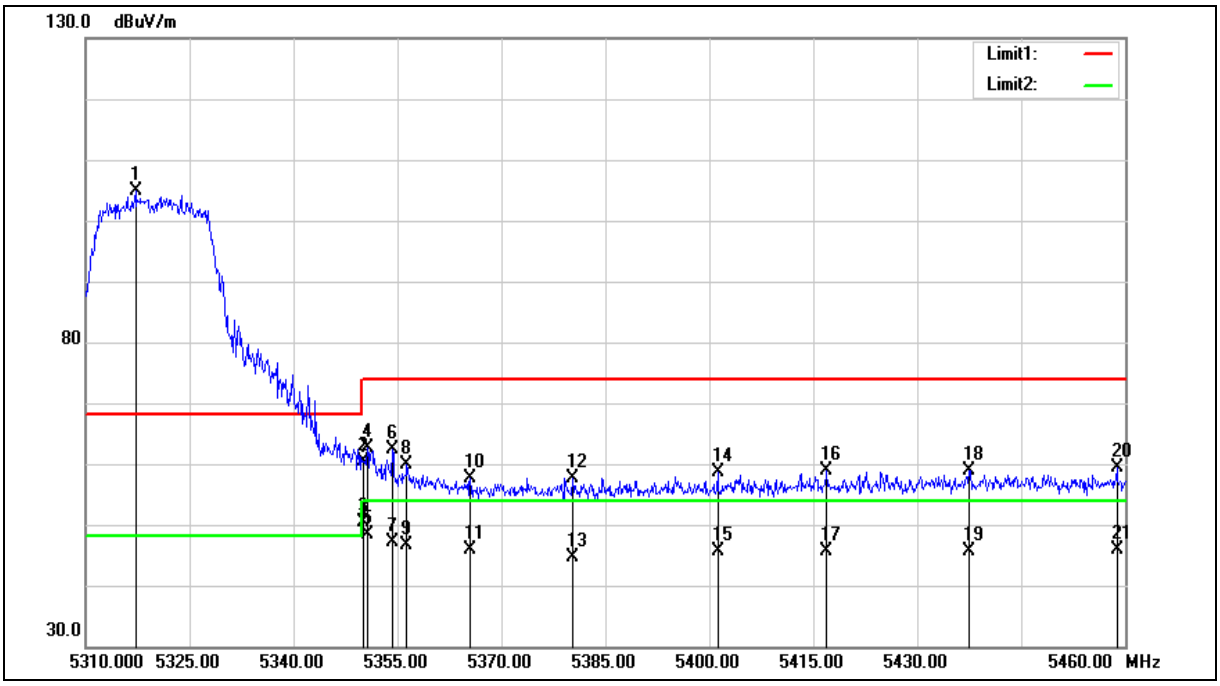
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5316.900	99.08	7.32	106.40	--	--	peak
2	5350.000	54.49	7.41	61.90	74.00	-12.10	peak
3	5350.000	44.01	7.41	51.42	54.00	-2.58	AVG
4	5350.950	54.61	7.41	62.02	74.00	-11.98	peak
5	5350.950	43.94	7.41	51.35	54.00	-2.65	AVG
6	5355.750	52.08	7.43	59.51	74.00	-14.49	peak
7	5355.750	40.53	7.43	47.96	54.00	-6.04	AVG
8	5362.200	52.20	7.44	59.64	74.00	-14.36	peak
9	5362.200	39.47	7.44	46.91	54.00	-7.09	AVG
10	5377.350	49.90	7.50	57.40	74.00	-16.60	peak
11	5377.350	37.73	7.50	45.23	54.00	-8.77	AVG
12	5392.650	49.91	7.54	57.45	74.00	-16.55	peak
13	5392.650	37.41	7.54	44.95	54.00	-9.05	AVG
14	5409.450	50.67	7.59	58.26	74.00	-15.74	peak
15	5409.450	37.65	7.59	45.24	54.00	-8.76	AVG
16	5429.250	50.27	7.65	57.92	74.00	-16.08	peak
17	5429.250	37.93	7.65	45.58	54.00	-8.42	AVG
18	5457.600	52.09	7.73	59.82	74.00	-14.18	peak
19	5457.600	38.20	7.73	45.93	54.00	-8.07	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:	5320 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5320 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

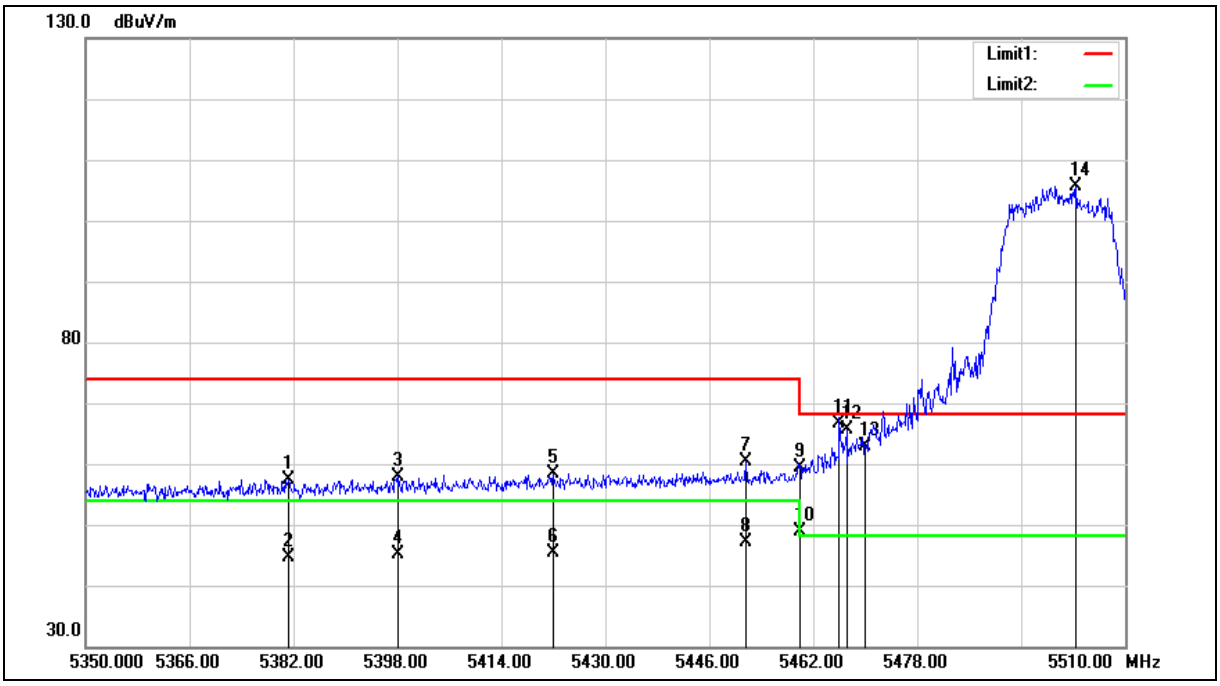
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5317.200	97.57	7.32	104.89	--	-	peak
2	5350.000	53.00	7.41	60.41	74.00	-13.59	peak
3	5350.000	42.95	7.41	50.36	54.00	-3.64	AVG
4	5350.650	55.28	7.41	62.69	74.00	-11.31	peak
5	5350.650	40.85	7.41	48.26	54.00	-5.74	AVG
6	5354.250	54.92	7.42	62.34	74.00	-11.66	peak
7	5354.250	39.64	7.42	47.06	54.00	-6.94	AVG
8	5356.350	52.35	7.43	59.78	74.00	-14.22	peak
9	5356.350	39.19	7.43	46.62	54.00	-7.38	AVG
10	5365.500	50.24	7.46	57.70	74.00	-16.30	peak
11	5365.500	38.30	7.46	45.76	54.00	-8.24	AVG
12	5380.200	50.23	7.51	57.74	74.00	-16.26	peak
13	5380.200	37.19	7.51	44.70	54.00	-9.30	AVG
14	5401.200	50.96	7.57	58.53	74.00	-15.47	peak
15	5401.200	38.13	7.57	45.70	54.00	-8.30	AVG
16	5416.950	51.27	7.62	58.89	74.00	-15.11	peak
17	5416.950	38.11	7.62	45.73	54.00	-8.27	AVG
18	5437.500	51.21	7.67	58.88	74.00	-15.12	peak
19	5437.500	38.07	7.67	45.74	54.00	-8.26	AVG
20	5458.800	51.76	7.73	59.49	74.00	-14.51	peak
21	5458.800	38.20	7.73	45.93	54.00	-8.07	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:	5500 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



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

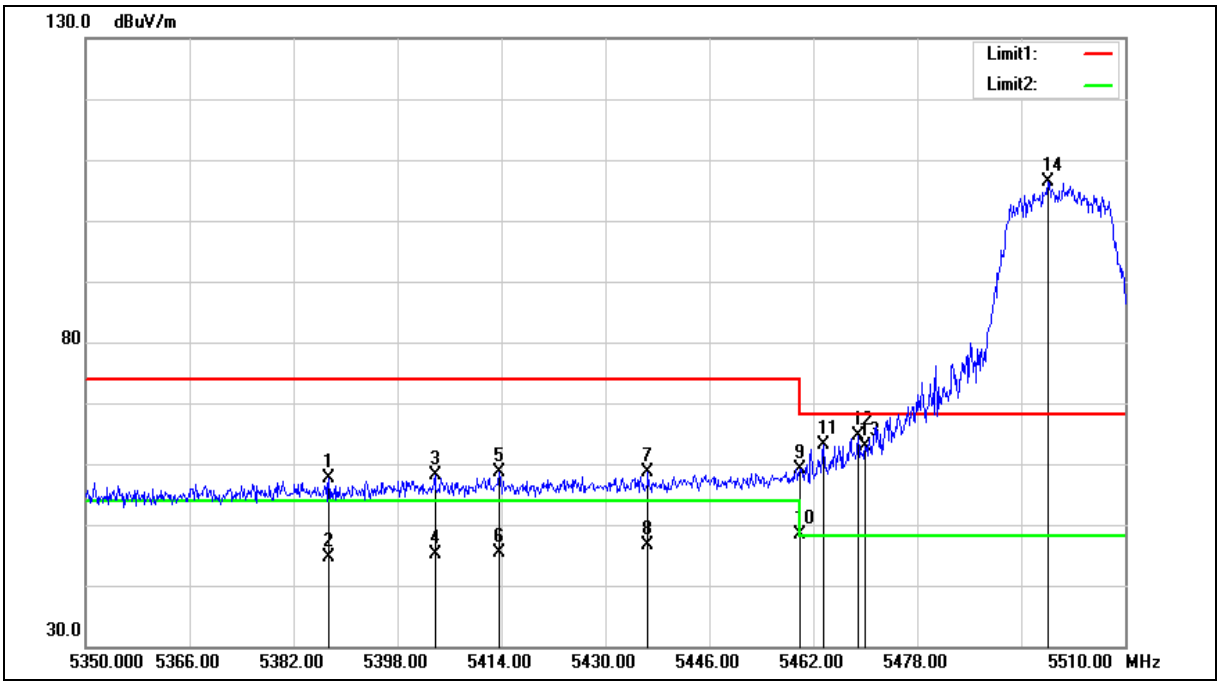
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5381.200	49.94	7.51	57.45	74.00	-16.55	peak
2	5381.200	37.12	7.51	44.63	54.00	-9.37	AVG
3	5398.160	50.28	7.56	57.84	74.00	-16.16	peak
4	5398.160	37.45	7.56	45.01	54.00	-8.99	AVG
5	5422.000	50.83	7.62	58.45	74.00	-15.55	peak
6	5422.000	37.84	7.62	45.46	54.00	-8.54	AVG
7	5451.600	52.61	7.71	60.32	74.00	-13.68	peak
8	5451.600	39.31	7.71	47.02	54.00	-6.98	AVG
9	5460.000	51.64	7.74	59.38	74.00	-14.62	peak
10	5460.000	41.15	7.74	48.89	54.00	-5.11	AVG
11	5466.000	58.84	7.76	66.60	68.20	-1.60	peak
12	5467.120	57.90	7.76	65.66	68.20	-2.54	peak
13	5470.000	55.18	7.76	62.94	68.20	-5.26	peak
14	5502.480	97.78	7.85	105.63	--	--	peak

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

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

3. When the peak 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.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



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

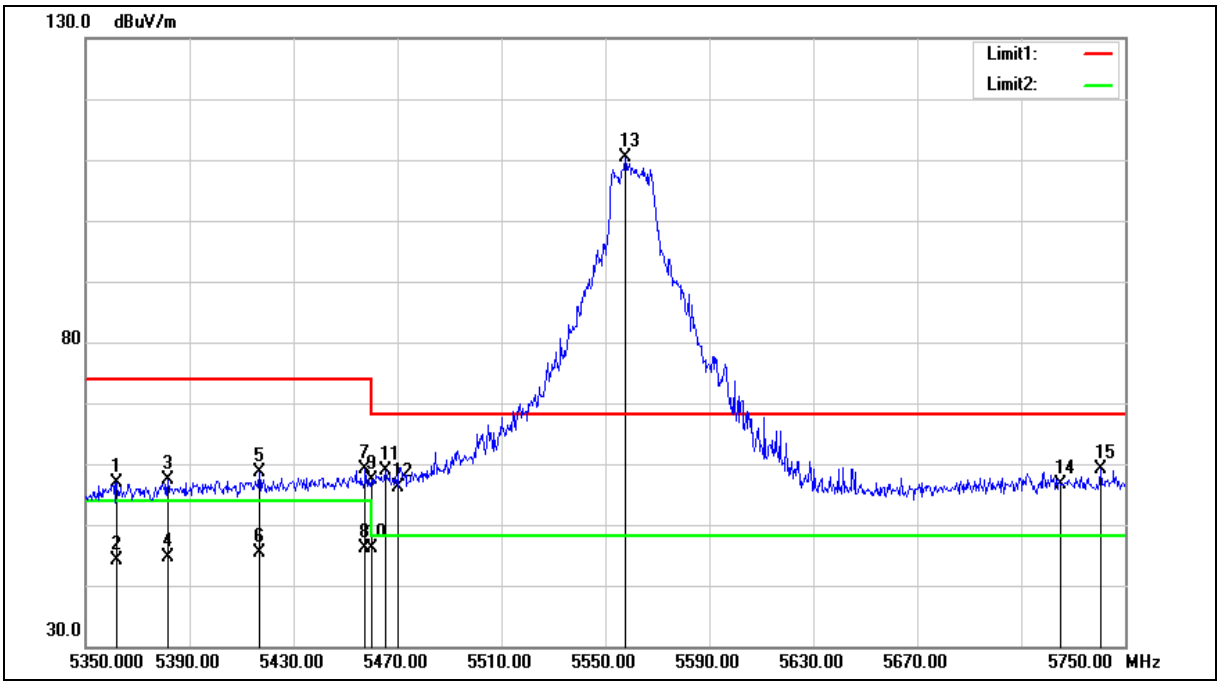
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5387.440	49.99	7.53	57.52	74.00	-16.48	peak
2	5387.440	37.20	7.53	44.73	54.00	-9.27	AVG
3	5403.760	50.49	7.57	58.06	74.00	-15.94	peak
4	5403.760	37.56	7.57	45.13	54.00	-8.87	AVG
5	5413.680	50.94	7.60	58.54	74.00	-15.46	peak
6	5413.680	37.71	7.60	45.31	54.00	-8.69	AVG
7	5436.560	51.01	7.67	58.68	74.00	-15.32	peak
8	5436.560	39.06	7.67	46.73	54.00	-7.27	AVG
9	5460.000	51.48	7.74	59.22	74.00	-14.78	peak
10	5460.000	40.65	7.74	48.39	54.00	-5.61	AVG
11	5463.600	55.31	7.74	63.05	68.20	-5.15	peak
12	5468.880	56.94	7.76	64.70	68.20	-3.50	peak
13	5470.000	55.05	7.76	62.81	68.20	-5.39	peak
14	5498.160	98.43	7.85	106.28	--	--	peak

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

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

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

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



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

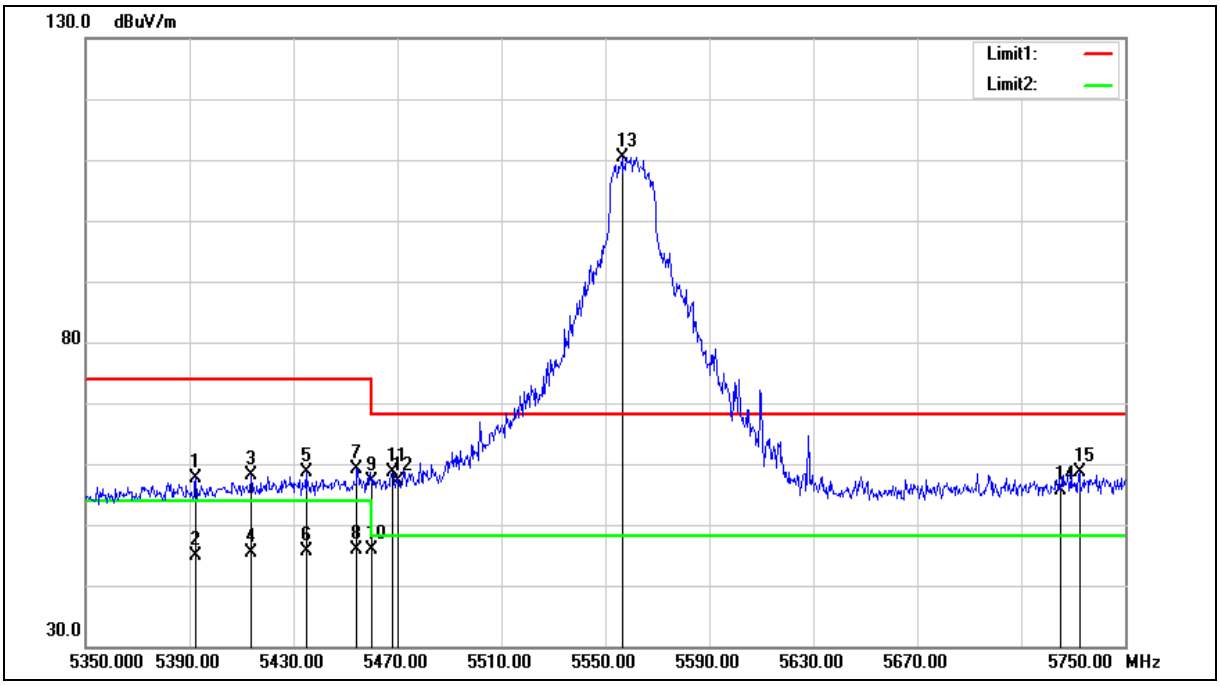
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5362.000	49.46	7.44	56.90	74.00	-17.10	peak
2	5362.000	36.76	7.44	44.20	54.00	-9.80	AVG
3	5381.600	49.95	7.51	57.46	74.00	-16.54	peak
4	5381.600	37.10	7.51	44.61	54.00	-9.39	AVG
5	5416.800	50.91	7.62	58.53	74.00	-15.47	peak
6	5416.800	37.74	7.62	45.36	54.00	-8.64	AVG
7	5457.600	51.42	7.73	59.15	74.00	-14.85	peak
8	5457.600	38.33	7.73	46.06	54.00	-7.94	AVG
9	5460.000	49.52	7.74	57.26	74.00	-16.74	peak
10	5460.000	38.28	7.74	46.02	54.00	-7.98	AVG
11	5465.200	51.16	7.76	58.92	68.20	-9.28	peak
12	5470.000	48.45	7.76	56.21	68.20	-11.99	peak
13	5557.600	102.53	7.97	110.50	--	--	peak
14	5725.000	48.42	8.31	56.73	68.20	-11.47	peak
15	5740.800	50.85	8.34	59.19	68.20	-9.01	peak

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

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

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

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



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

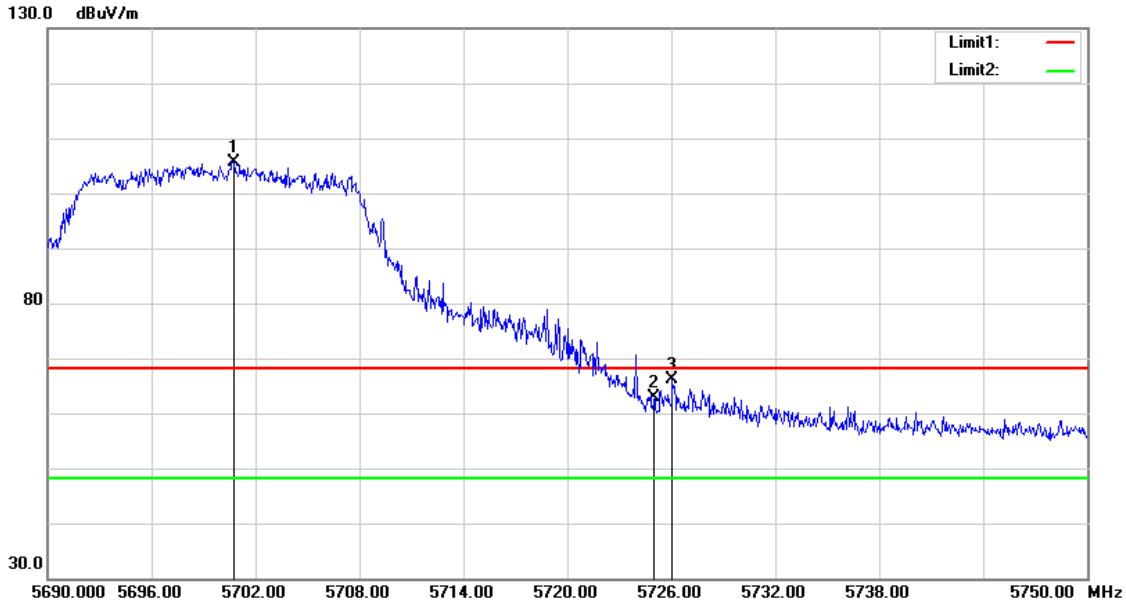
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5392.400	50.21	7.54	57.75	74.00	-16.25	peak
2	5392.400	37.27	7.54	44.81	54.00	-9.19	AVG
3	5413.600	50.41	7.60	58.01	74.00	-15.99	peak
4	5413.600	37.71	7.60	45.31	54.00	-8.69	AVG
5	5434.800	51.08	7.66	58.74	74.00	-15.26	peak
6	5434.800	37.99	7.66	45.65	54.00	-8.35	AVG
7	5454.400	51.38	7.72	59.10	74.00	-14.90	peak
8	5454.400	38.23	7.72	45.95	54.00	-8.05	AVG
9	5460.000	49.42	7.74	57.16	74.00	-16.84	peak
10	5460.000	38.22	7.74	45.96	54.00	-8.04	AVG
11	5468.000	50.89	7.76	58.65	68.20	-9.55	peak
12	5470.000	49.39	7.76	57.15	68.20	-11.05	peak
13	5556.400	102.50	7.97	110.47	--	--	peak
14	5725.000	47.24	8.31	55.55	68.20	-12.65	peak
15	5732.400	50.26	8.32	58.58	68.20	-9.62	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5700 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



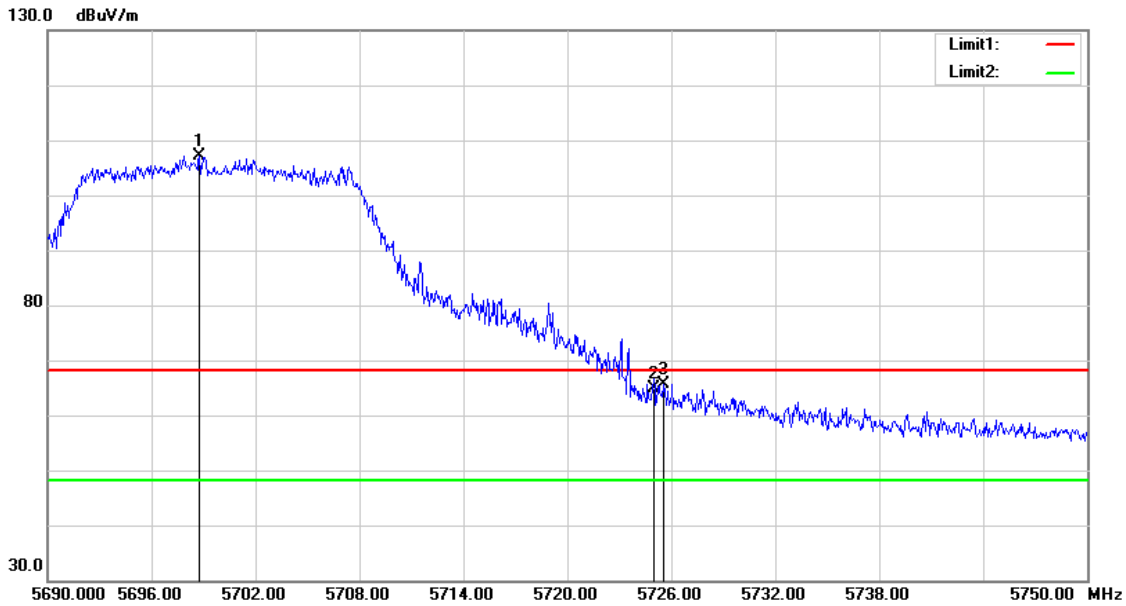
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5700.740	97.47	8.26	105.73	--	--	peak
2	5725.000	54.50	8.31	62.81	68.20	-5.39	peak
3	5726.060	57.75	8.31	66.06	68.20	-2.14	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5700 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



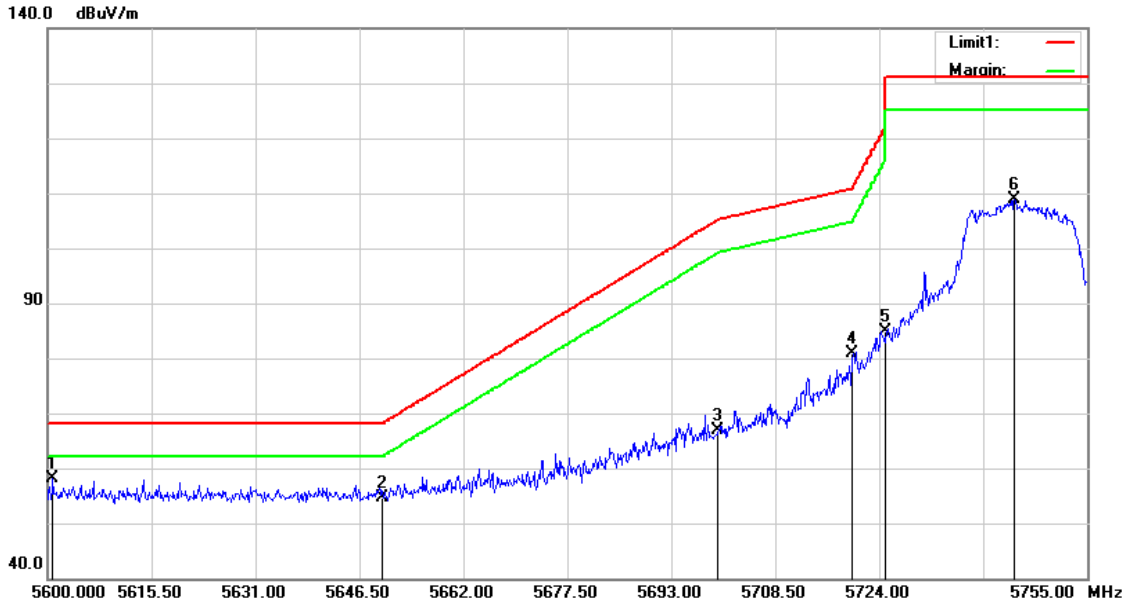
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5698.760	98.87	8.25	107.12	--	--	peak
2	5725.000	56.64	8.31	64.95	68.20	-3.25	peak
3	5725.520	57.33	8.31	65.64	68.20	-2.56	peak

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

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

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

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



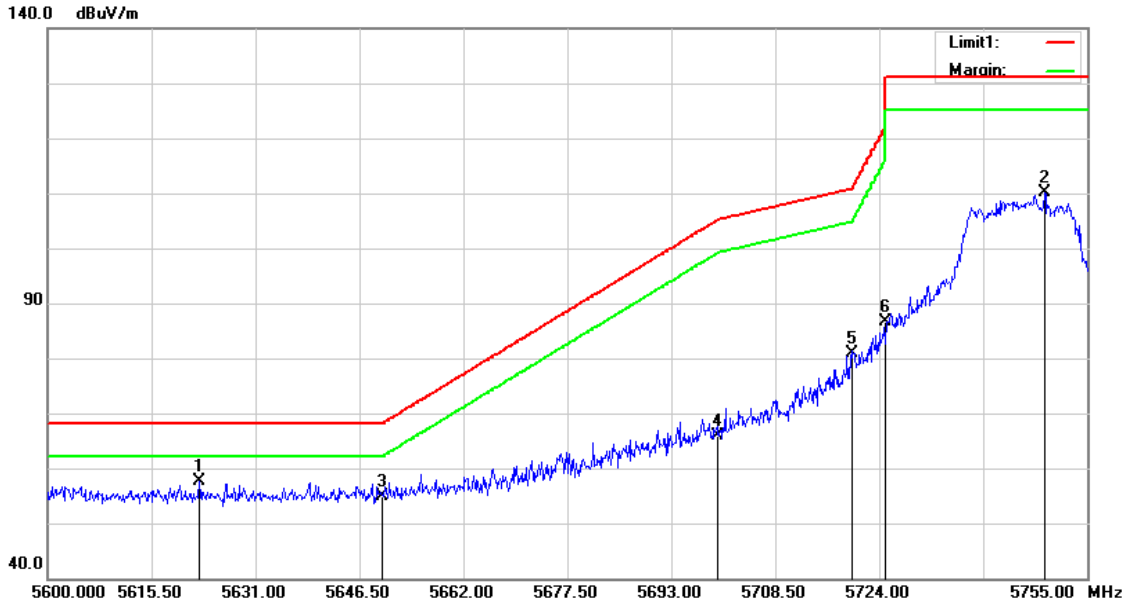
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5600.775	50.11	8.05	58.16	68.20	-10.04	peak
2	5650.000	46.50	8.16	54.66	68.20	-13.54	peak
3	5700.000	58.62	8.26	66.88	105.20	-38.32	peak
4	5720.000	72.64	8.30	80.94	110.80	-29.86	peak
5	5725.000	76.54	8.31	84.85	122.20	-37.35	peak
6	5744.150	100.62	8.34	108.96	--	--	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:	5745 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



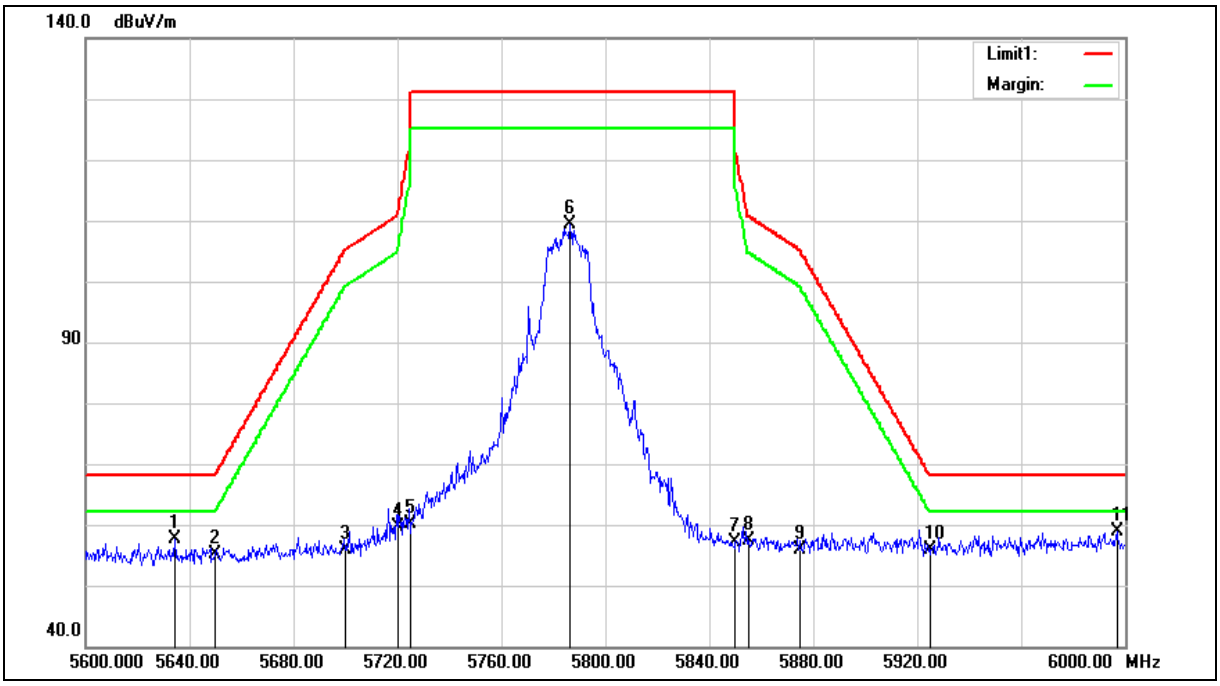
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5622.630	49.50	8.09	57.59	68.20	-10.61	peak
2	5748.645	101.66	8.35	110.01	--	--	peak
3	5650.000	46.81	8.16	54.97	68.20	-13.23	peak
4	5700.000	57.59	8.26	65.85	105.20	-39.35	peak
5	5720.000	72.63	8.30	80.93	110.80	-29.87	peak
6	5725.000	78.20	8.31	86.51	122.20	-35.69	peak

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

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

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

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



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

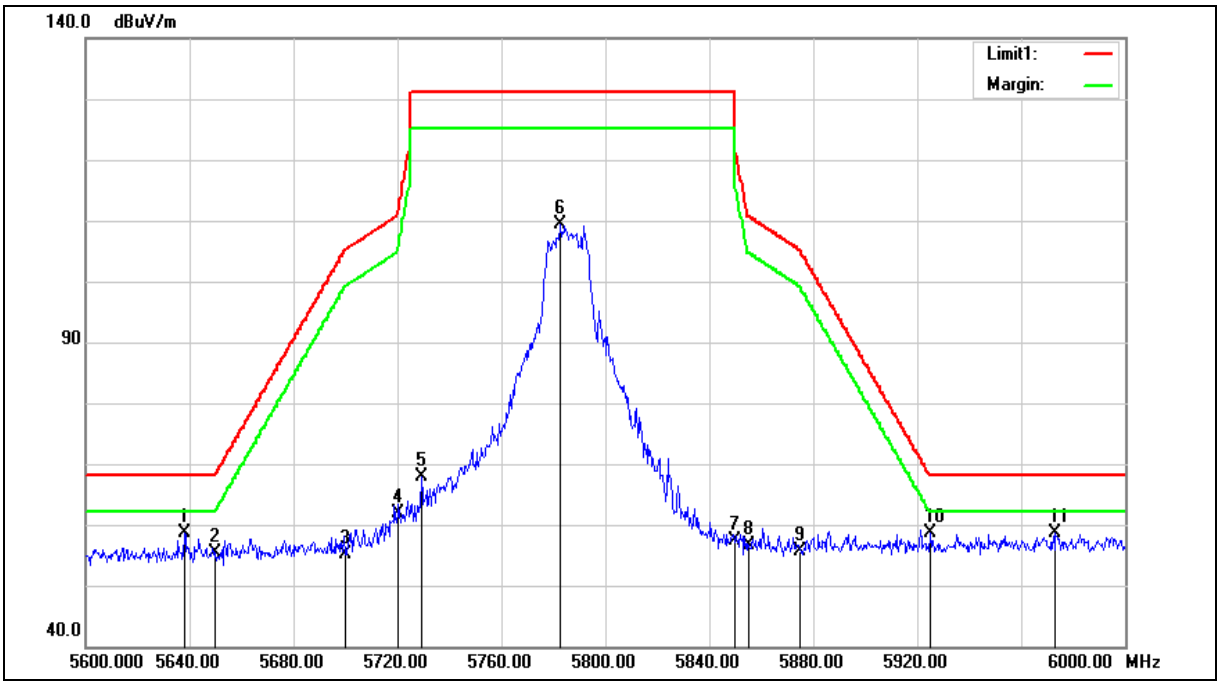
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5634.400	49.55	8.12	57.67	68.20	-10.53	peak
2	5650.000	46.87	8.16	55.03	68.20	-13.17	peak
3	5700.000	47.51	8.26	55.77	105.20	-49.43	peak
4	5720.000	51.21	8.30	59.51	110.80	-51.29	peak
5	5725.000	51.77	8.31	60.08	122.20	-62.12	peak
6	5786.400	100.83	8.43	109.26	--	--	peak
7	5850.000	48.66	8.55	57.21	122.20	-64.99	peak
8	5855.000	48.73	8.56	57.29	110.80	-53.51	peak
9	5875.000	47.32	8.61	55.93	105.20	-49.27	peak
10	5925.000	47.13	8.71	55.84	68.20	-12.36	peak
11	5996.800	50.11	8.86	58.97	68.20	-9.23	peak

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

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

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

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



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

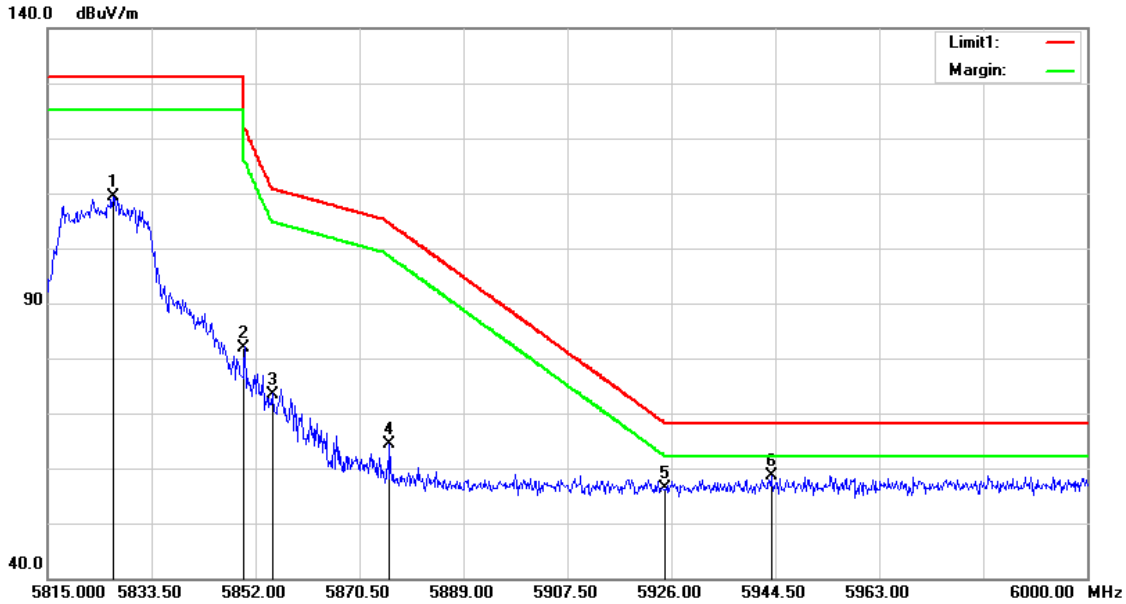
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5638.000	50.39	8.14	58.53	68.20	-9.67	peak
2	5650.000	47.29	8.16	55.45	68.20	-12.75	peak
3	5700.000	46.89	8.26	55.15	105.20	-50.05	peak
4	5720.000	53.57	8.30	61.87	110.80	-48.93	peak
5	5729.200	59.55	8.31	67.86	131.20	-63.34	peak
6	5782.800	100.91	8.42	109.33	--	--	peak
7	5850.000	48.76	8.55	57.31	122.20	-64.89	peak
8	5855.000	48.05	8.56	56.61	110.80	-54.19	peak
9	5875.000	47.08	8.61	55.69	105.20	-49.51	peak
10	5925.000	49.99	8.71	58.70	68.20	-9.50	peak
11	5973.200	49.76	8.80	58.56	68.20	-9.64	peak

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

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

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

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



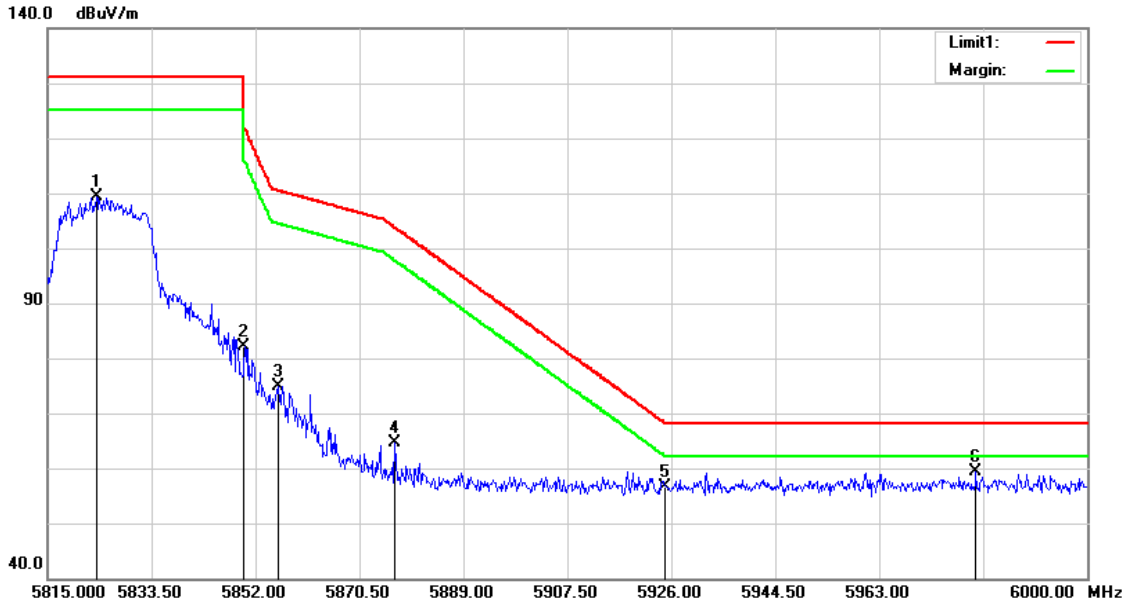
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.655	100.86	8.51	109.37	--	--	peak
2	5850.000	73.45	8.55	82.00	122.20	-40.20	peak
3	5855.000	64.77	8.56	73.33	110.80	-37.47	peak
4	5875.865	55.72	8.62	64.34	104.56	-40.22	peak
5	5925.000	47.55	8.71	56.26	68.20	-11.94	peak
6	5943.760	49.86	8.74	58.60	68.20	-9.60	peak

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

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

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

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



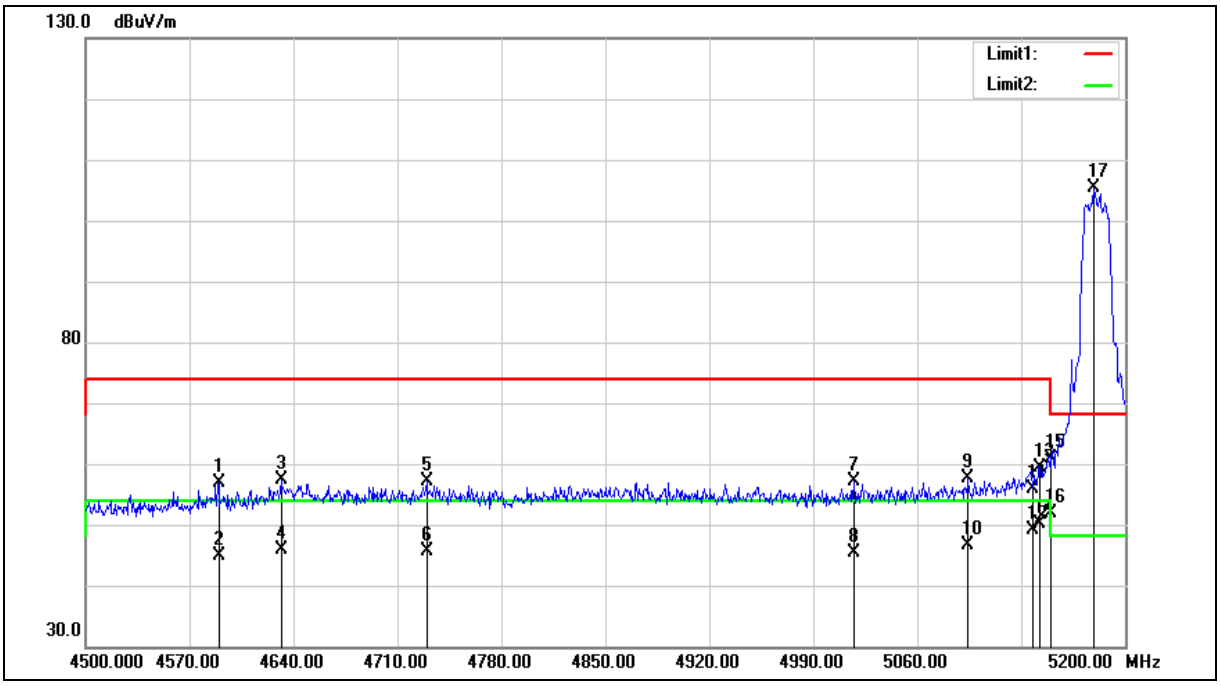
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5823.695	100.81	8.50	109.31	--	--	peak
2	5850.000	73.48	8.55	82.03	122.20	-40.17	peak
3	5856.070	66.32	8.57	74.89	110.50	-35.61	peak
4	5876.790	56.04	8.62	64.66	103.88	-39.22	peak
5	5925.000	47.89	8.71	56.60	68.20	-11.60	peak
6	5980.205	50.49	8.82	59.31	68.20	-8.89	peak

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

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

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

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



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

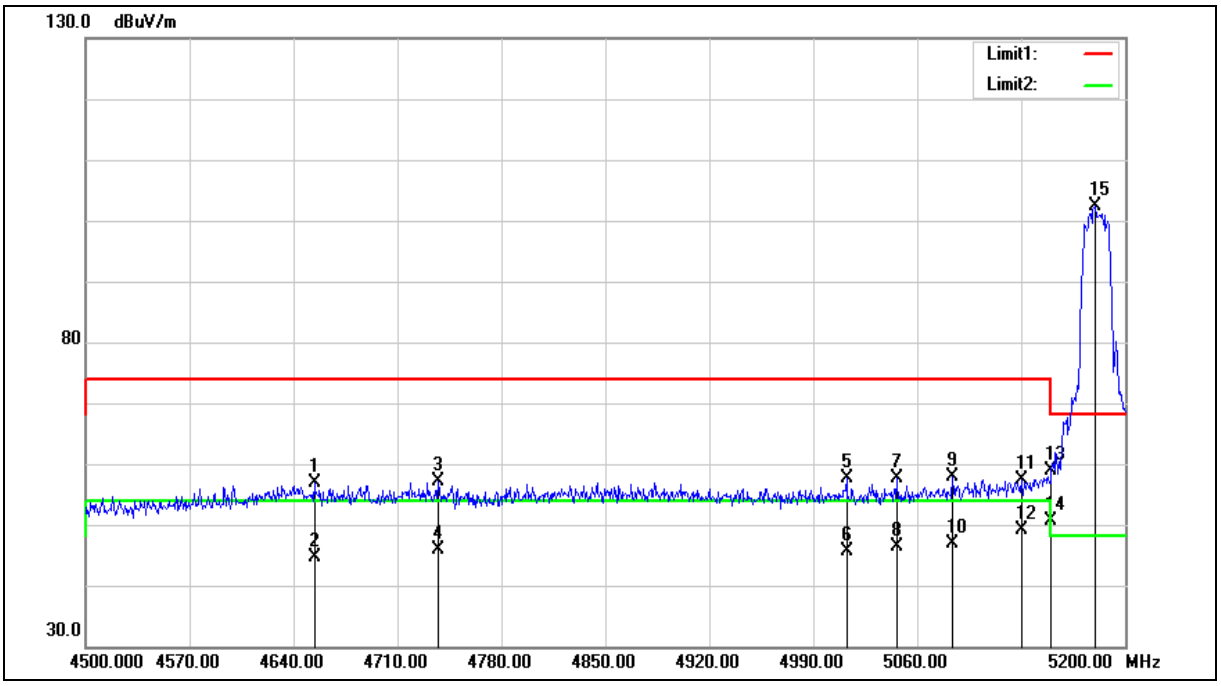
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4589.600	51.59	5.20	56.79	74.00	-17.21	peak
2	4589.600	39.64	5.20	44.84	54.00	-9.16	AVG
3	4631.600	52.00	5.32	57.32	74.00	-16.68	peak
4	4631.600	40.66	5.32	45.98	54.00	-8.02	AVG
5	4729.600	51.59	5.62	57.21	74.00	-16.79	peak
6	4729.600	39.90	5.62	45.52	54.00	-8.48	AVG
7	5017.300	50.68	6.45	57.13	74.00	-16.87	peak
8	5017.300	38.98	6.45	45.43	54.00	-8.57	AVG
9	5094.300	50.98	6.67	57.65	74.00	-16.35	peak
10	5094.300	39.85	6.67	46.52	54.00	-7.48	AVG
11	5137.700	49.12	6.81	55.93	74.00	-18.07	peak
12	5137.700	42.43	6.81	49.24	54.00	-4.76	AVG
13	5142.600	52.59	6.82	59.41	74.00	-14.59	peak
14	5142.600	43.36	6.82	50.18	54.00	-3.82	AVG
15	5150.000	53.93	6.84	60.77	74.00	-13.23	peak
16	5150.000	45.09	6.84	51.93	54.00	-2.07	AVG
17	5179.000	98.36	6.92	105.28	--	--	peak

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

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

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

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



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

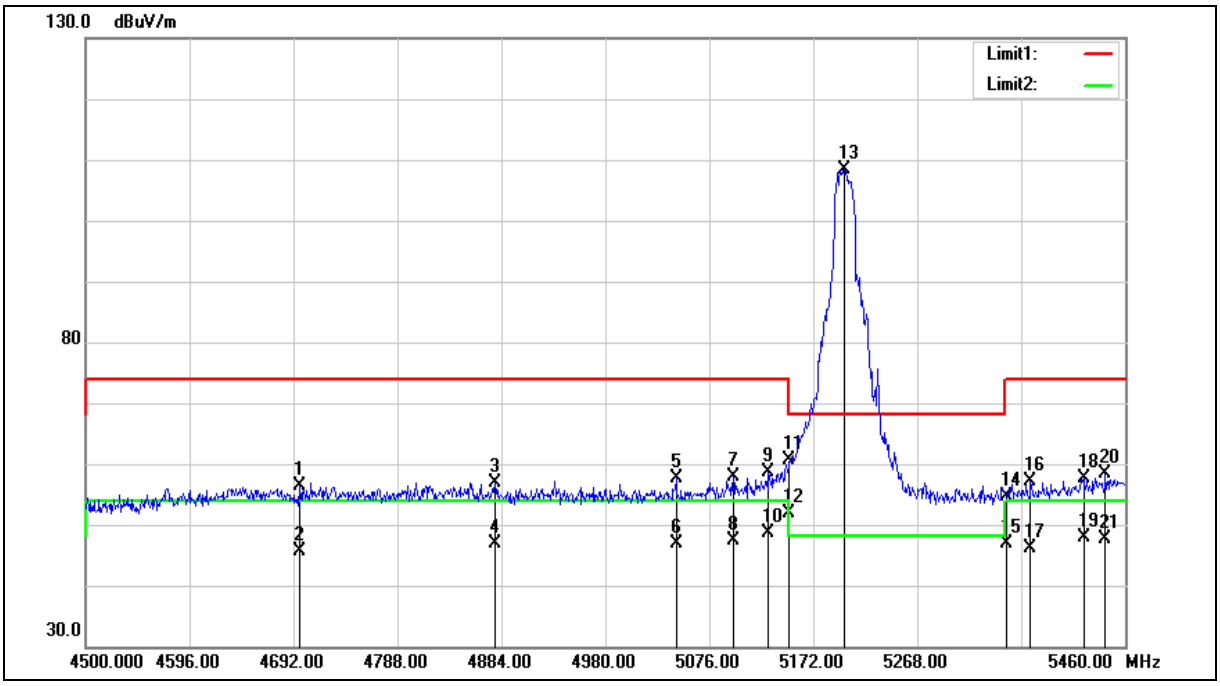
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4654.000	51.52	5.39	56.91	74.00	-17.09	peak
2	4654.000	39.30	5.39	44.69	54.00	-9.31	AVG
3	4737.300	51.58	5.63	57.21	74.00	-16.79	peak
4	4737.300	40.24	5.63	45.87	54.00	-8.13	AVG
5	5012.400	51.23	6.43	57.66	74.00	-16.34	peak
6	5012.400	39.27	6.43	45.70	54.00	-8.30	AVG
7	5046.000	51.18	6.54	57.72	74.00	-16.28	peak
8	5046.000	39.87	6.54	46.41	54.00	-7.59	AVG
9	5083.800	51.16	6.64	57.80	74.00	-16.20	peak
10	5083.800	40.15	6.64	46.79	54.00	-7.21	AVG
11	5130.700	50.62	6.78	57.40	74.00	-16.60	peak
12	5130.700	42.32	6.78	49.10	54.00	-4.90	AVG
13	5150.000	52.14	6.84	58.98	74.00	-15.02	peak
14	5150.000	43.72	6.84	50.56	54.00	-3.44	AVG
15	5179.700	95.44	6.92	102.36	--	--	peak

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

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

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

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



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

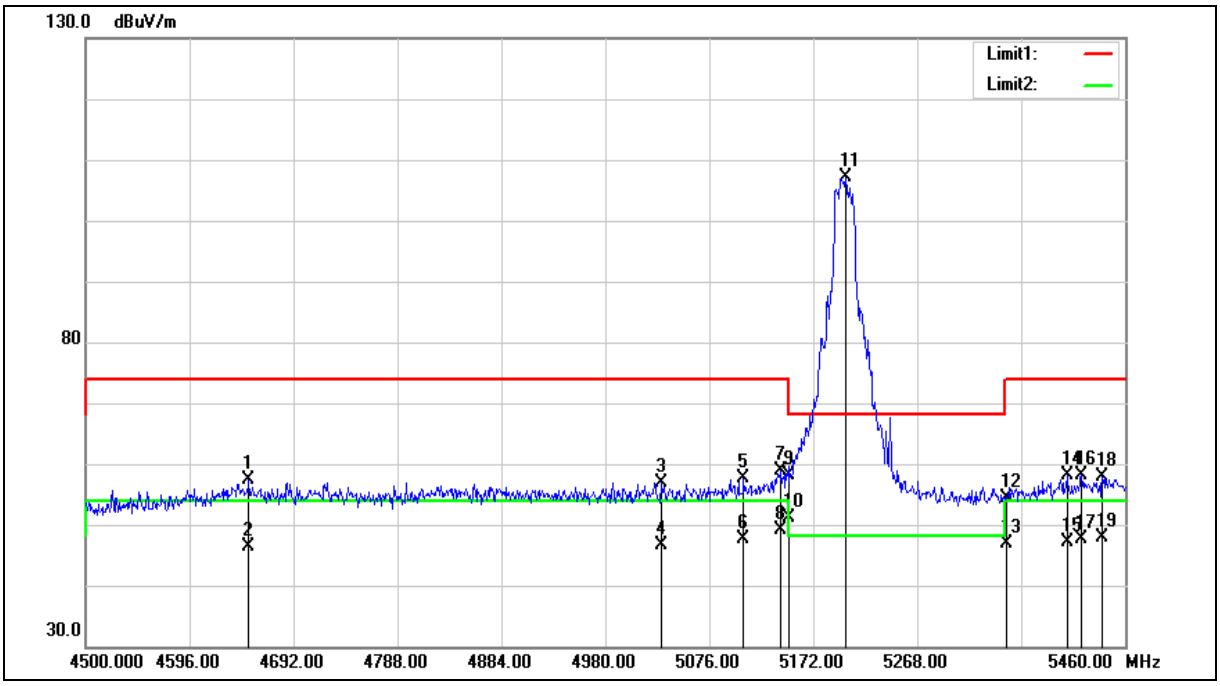
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4697.760	50.87	5.52	56.39	74.00	-17.61	peak
2	4697.760	40.22	5.52	45.74	54.00	-8.26	AVG
3	4878.240	50.94	6.04	56.98	74.00	-17.02	peak
4	4878.240	40.72	6.04	46.76	54.00	-7.24	AVG
5	5045.280	51.09	6.53	57.62	74.00	-16.38	peak
6	5045.280	40.26	6.53	46.79	54.00	-7.21	AVG
7	5098.080	51.13	6.68	57.81	74.00	-16.19	peak
8	5098.080	40.82	6.68	47.50	54.00	-6.50	AVG
9	5130.720	51.96	6.78	58.74	74.00	-15.26	peak
10	5130.720	41.84	6.78	48.62	54.00	-5.38	AVG
11	5150.000	53.81	6.84	60.65	74.00	-13.35	peak
12	5150.000	45.02	6.84	51.86	54.00	-2.14	AVG
13	5200.800	101.46	6.98	108.44	--	--	peak
14	5350.000	47.29	7.41	54.70	74.00	-19.30	peak
15	5350.000	39.37	7.41	46.78	54.00	-7.22	AVG
16	5372.640	49.70	7.47	57.17	74.00	-16.83	peak
17	5372.640	38.75	7.47	46.22	54.00	-7.78	AVG
18	5421.600	49.94	7.62	57.56	74.00	-16.44	peak
19	5421.600	40.17	7.62	47.79	54.00	-6.21	AVG
20	5441.760	50.81	7.68	58.49	74.00	-15.51	peak
21	5441.760	39.92	7.68	47.60	54.00	-6.40	AVG

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

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

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

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



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

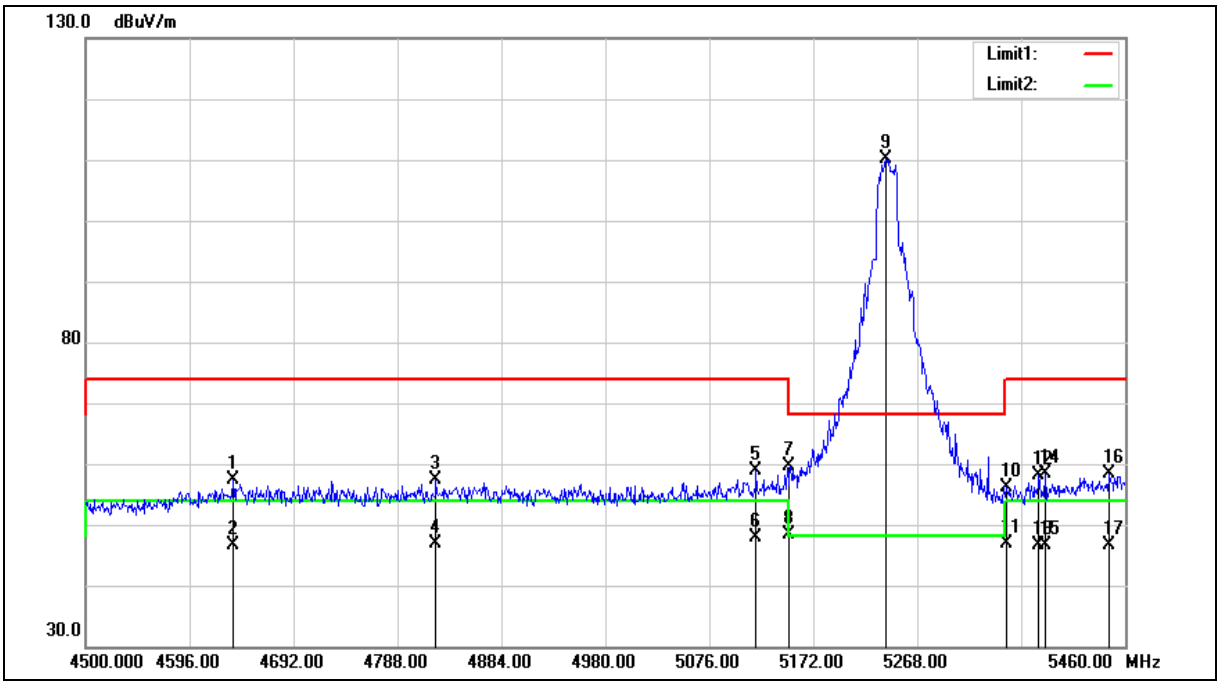
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4650.720	51.89	5.37	57.26	74.00	-16.74	peak
2	4650.720	40.90	5.37	46.27	54.00	-7.73	AVG
3	5031.840	50.50	6.49	56.99	74.00	-17.01	peak
4	5031.840	40.11	6.49	46.60	54.00	-7.40	AVG
5	5107.680	50.82	6.71	57.53	74.00	-16.47	peak
6	5107.680	40.93	6.71	47.64	54.00	-6.36	AVG
7	5142.240	51.98	6.81	58.79	74.00	-15.21	peak
8	5142.240	42.22	6.81	49.03	54.00	-4.97	AVG
9	5150.000	51.24	6.84	58.08	74.00	-15.92	peak
10	5150.000	44.26	6.84	51.10	54.00	-2.90	AVG
11	5201.760	100.09	6.99	107.08	--	--	peak
12	5350.000	46.85	7.41	54.26	74.00	-19.74	peak
13	5350.000	39.53	7.41	46.94	54.00	-7.06	AVG
14	5406.240	50.55	7.59	58.14	74.00	-15.86	peak
15	5406.240	39.49	7.59	47.08	54.00	-6.92	AVG
16	5419.680	50.39	7.62	58.01	74.00	-15.99	peak
17	5419.680	40.08	7.62	47.70	54.00	-6.30	AVG
18	5438.880	50.12	7.68	57.80	74.00	-16.20	peak
19	5438.880	40.15	7.68	47.83	54.00	-6.17	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:	5240 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



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

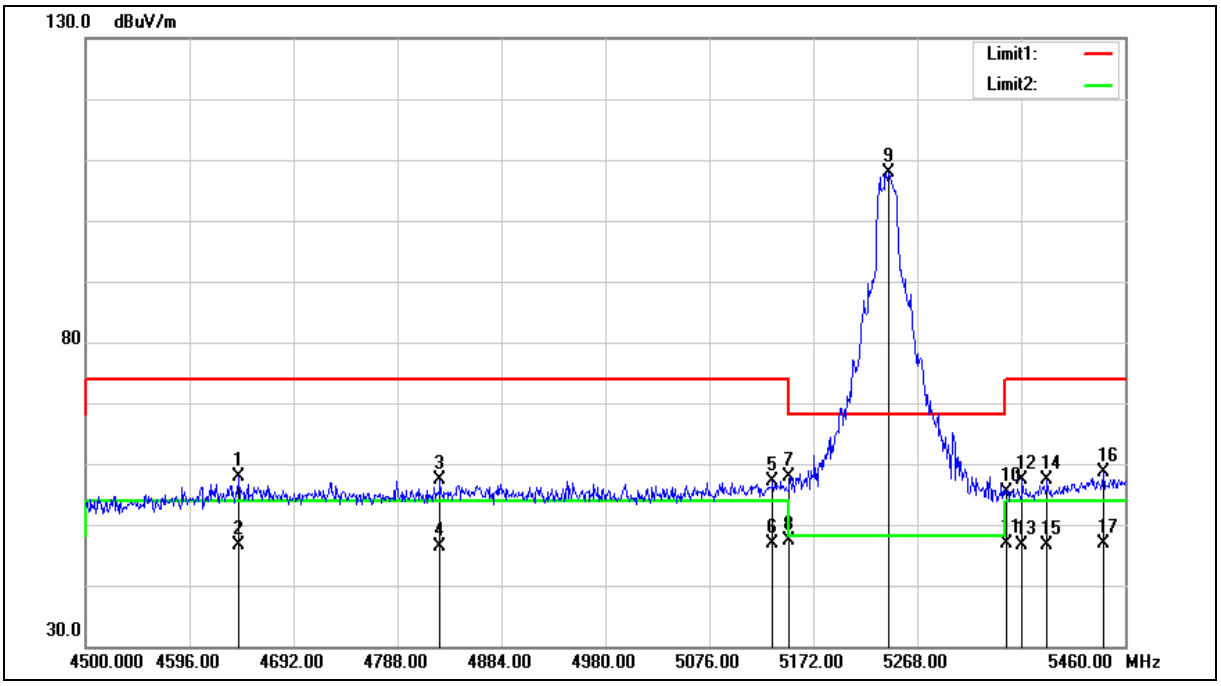
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4636.320	51.92	5.34	57.26	74.00	-16.74	peak
2	4636.320	41.31	5.34	46.65	54.00	-7.35	AVG
3	4823.520	51.44	5.88	57.32	74.00	-16.68	peak
4	4823.520	41.10	5.88	46.98	54.00	-7.02	AVG
5	5119.200	52.24	6.74	58.98	74.00	-15.02	peak
6	5119.200	41.10	6.74	47.84	54.00	-6.16	AVG
7	5150.000	52.73	6.84	59.57	74.00	-14.43	peak
8	5150.000	41.58	6.84	48.42	54.00	-5.58	AVG
9	5239.200	102.97	7.09	110.06	--	--	peak
10	5350.000	48.81	7.41	56.22	74.00	-17.78	peak
11	5350.000	39.54	7.41	46.95	54.00	-7.05	AVG
12	5380.320	50.70	7.51	58.21	74.00	-15.79	peak
13	5380.320	39.08	7.51	46.59	54.00	-7.41	AVG
14	5386.080	50.81	7.53	58.34	74.00	-15.66	peak
15	5386.080	39.18	7.53	46.71	54.00	-7.29	AVG
16	5445.600	50.69	7.70	58.39	74.00	-15.61	peak
17	5445.600	38.96	7.70	46.66	54.00	-7.34	AVG

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

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

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

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



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

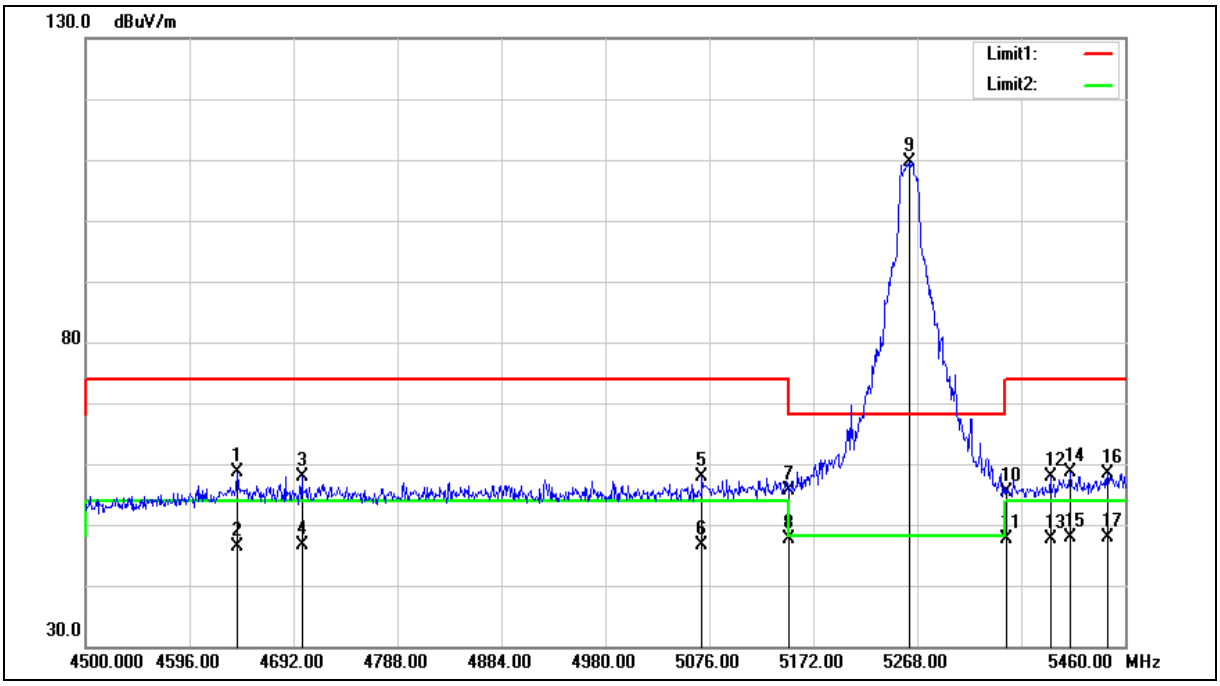
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4641.120	52.64	5.35	57.99	74.00	-16.01	peak
2	4641.120	41.17	5.35	46.52	54.00	-7.48	AVG
3	4827.360	51.45	5.89	57.34	74.00	-16.66	peak
4	4827.360	40.59	5.89	46.48	54.00	-7.52	AVG
5	5134.560	50.44	6.79	57.23	74.00	-16.77	peak
6	5134.560	40.08	6.79	46.87	54.00	-7.13	AVG
7	5150.000	51.05	6.84	57.89	74.00	-16.11	peak
8	5150.000	40.65	6.84	47.49	54.00	-6.51	AVG
9	5241.120	100.86	7.10	107.96	--	--	peak
10	5350.000	48.08	7.41	55.49	74.00	-18.51	peak
11	5350.000	39.57	7.41	46.98	54.00	-7.02	AVG
12	5364.960	49.87	7.45	57.32	74.00	-16.68	peak
13	5364.960	39.12	7.45	46.57	54.00	-7.43	AVG
14	5388.000	49.82	7.53	57.35	74.00	-16.65	peak
15	5388.000	39.06	7.53	46.59	54.00	-7.41	AVG
16	5439.840	50.84	7.68	58.52	74.00	-15.48	peak
17	5439.840	39.32	7.68	47.00	54.00	-7.00	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.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5260 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

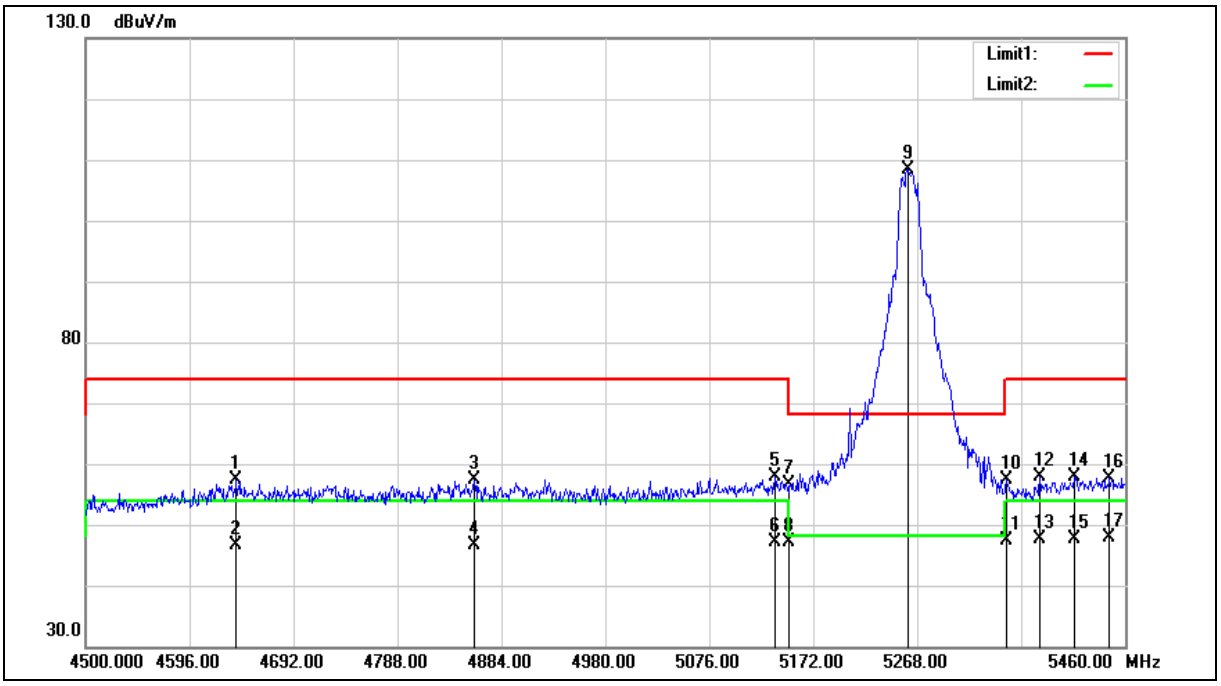
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4640.160	53.21	5.35	58.56	74.00	-15.44	peak
2	4640.160	41.10	5.35	46.45	54.00	-7.55	AVG
3	4699.680	52.30	5.52	57.82	74.00	-16.18	peak
4	4699.680	41.07	5.52	46.59	54.00	-7.41	AVG
5	5069.280	51.25	6.60	57.85	74.00	-16.15	peak
6	5069.280	40.13	6.60	46.73	54.00	-7.27	AVG
7	5150.000	48.77	6.84	55.61	74.00	-18.39	peak
8	5150.000	40.77	6.84	47.61	54.00	-6.39	AVG
9	5261.280	102.42	7.16	109.58	--	--	peak
10	5350.000	47.95	7.41	55.36	74.00	-18.64	peak
11	5350.000	40.12	7.41	47.53	54.00	-6.47	AVG
12	5390.880	50.31	7.54	57.85	74.00	-16.15	peak
13	5390.880	40.07	7.54	47.61	54.00	-6.39	AVG
14	5409.120	51.07	7.59	58.66	74.00	-15.34	peak
15	5409.120	40.21	7.59	47.80	54.00	-6.20	AVG
16	5443.680	50.74	7.69	58.43	74.00	-15.57	peak
17	5443.680	40.09	7.69	47.78	54.00	-6.22	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5260 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5260 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		

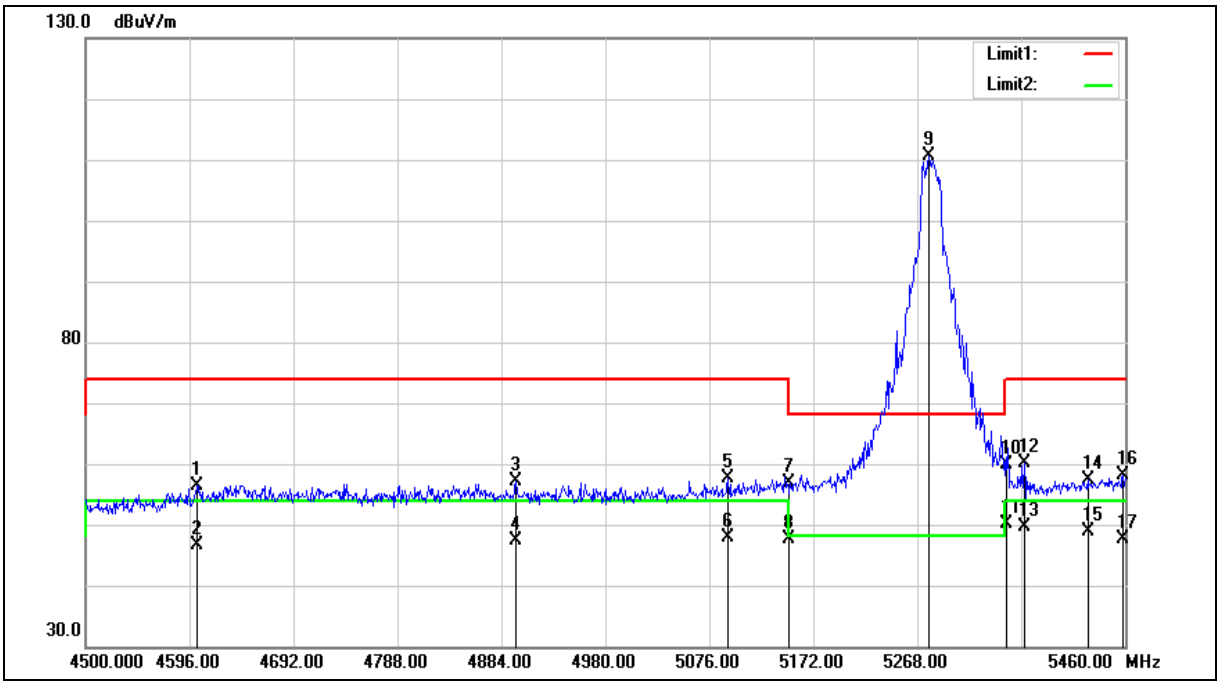
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4639.200	52.03	5.35	57.38	74.00	-16.62	peak
2	4639.200	41.17	5.35	46.52	54.00	-7.48	AVG
3	4859.040	51.29	5.99	57.28	74.00	-16.72	peak
4	4859.040	40.74	5.99	46.73	54.00	-7.27	AVG
5	5136.480	50.99	6.80	57.79	74.00	-16.21	peak
6	5136.480	40.41	6.80	47.21	54.00	-6.79	AVG
7	5150.000	49.85	6.84	56.69	74.00	-17.31	peak
8	5150.000	40.25	6.84	47.09	54.00	-6.91	AVG
9	5259.360	101.29	7.15	108.44	--	--	peak
10	5350.000	49.94	7.41	57.35	74.00	-16.65	peak
11	5350.000	39.94	7.41	47.35	54.00	-6.65	AVG
12	5381.280	50.36	7.51	57.87	74.00	-16.13	peak
13	5381.280	40.12	7.51	47.63	54.00	-6.37	AVG
14	5412.960	50.18	7.60	57.78	74.00	-16.22	peak
15	5412.960	39.92	7.60	47.52	54.00	-6.48	AVG
16	5445.600	49.99	7.70	57.69	74.00	-16.31	peak
17	5445.600	40.18	7.70	47.88	54.00	-6.12	AVG

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

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

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

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



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

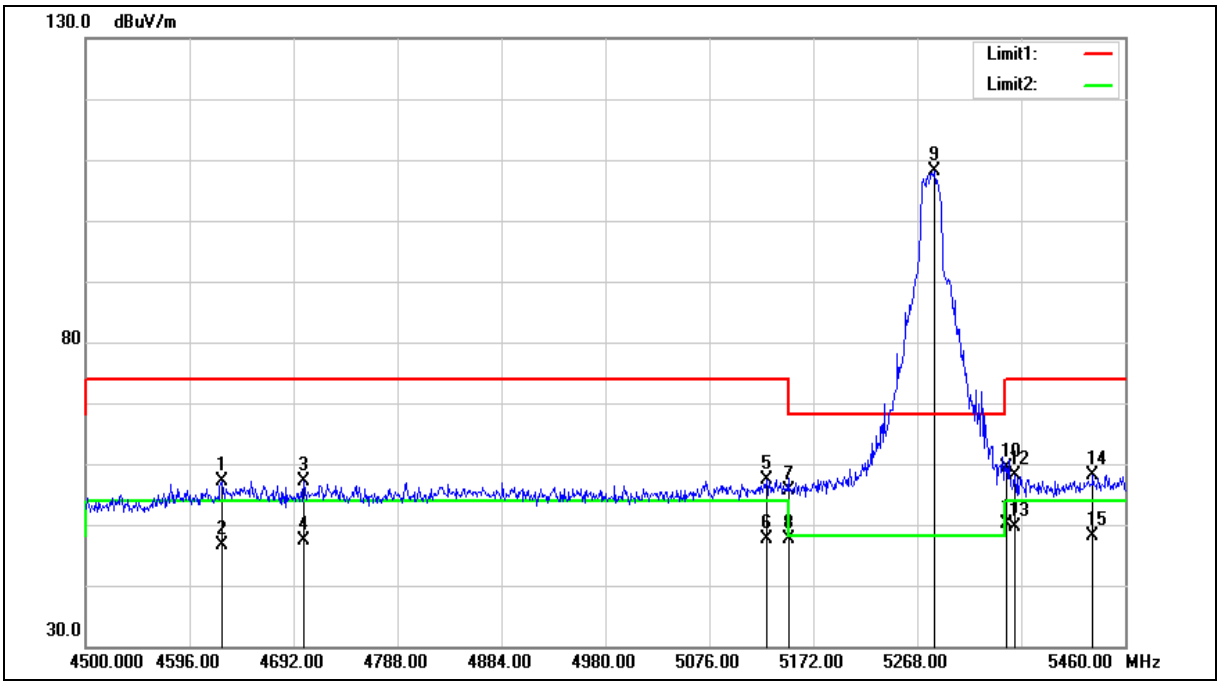
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4602.720	51.23	5.25	56.48	74.00	-17.52	peak
2	4602.720	41.40	5.25	46.65	54.00	-7.35	AVG
3	4897.440	50.98	6.09	57.07	74.00	-16.93	peak
4	4897.440	41.26	6.09	47.35	54.00	-6.65	AVG
5	5093.280	51.00	6.66	57.66	74.00	-16.34	peak
6	5093.280	41.14	6.66	47.80	54.00	-6.20	AVG
7	5150.000	50.07	6.84	56.91	74.00	-17.09	peak
8	5150.000	40.88	6.84	47.72	54.00	-6.28	AVG
9	5278.560	103.51	7.21	110.72	--	--	peak
10	5350.000	52.40	7.41	59.81	74.00	-14.19	peak
11	5350.000	42.80	7.41	50.21	54.00	-3.79	AVG
12	5366.880	52.67	7.46	60.13	74.00	-13.87	peak
13	5366.880	42.18	7.46	49.64	54.00	-4.36	AVG
14	5425.440	49.69	7.64	57.33	74.00	-16.67	peak
15	5425.440	41.35	7.64	48.99	54.00	-5.01	AVG
16	5458.080	50.35	7.73	58.08	74.00	-15.92	peak
17	5458.080	39.84	7.73	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.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



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

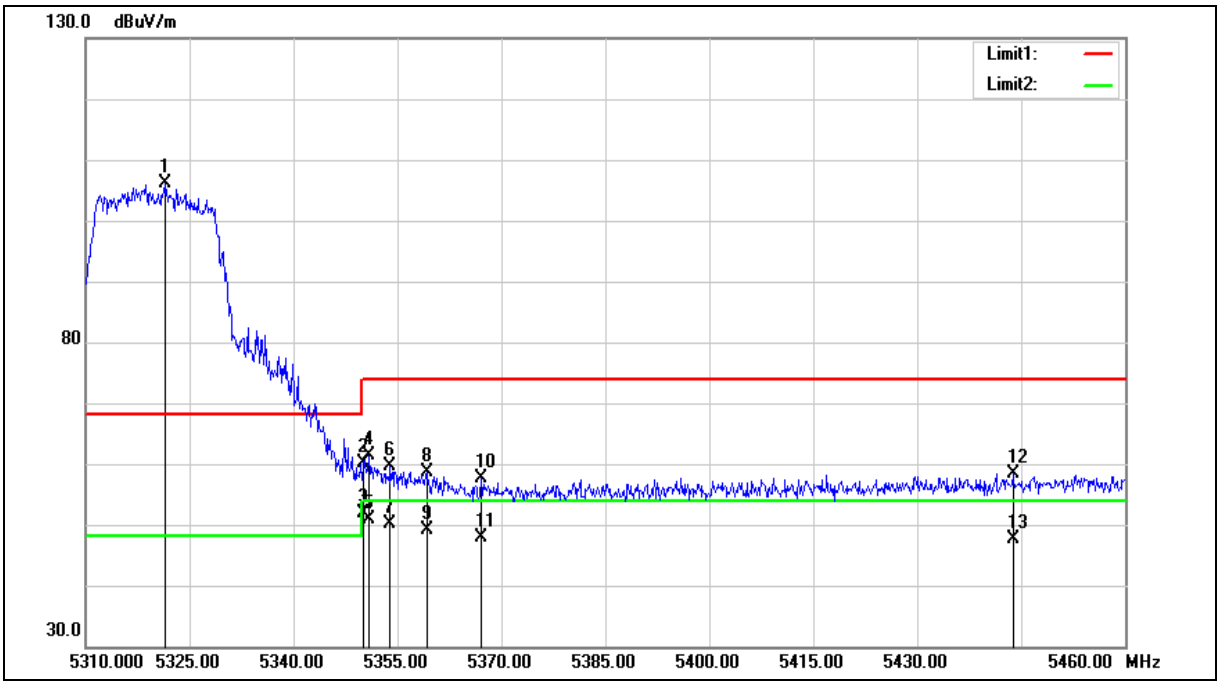
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4625.760	51.73	5.31	57.04	74.00	-16.96	peak
2	4625.760	41.25	5.31	46.56	54.00	-7.44	AVG
3	4701.600	51.54	5.52	57.06	74.00	-16.94	peak
4	4701.600	41.82	5.52	47.34	54.00	-6.66	AVG
5	5128.800	50.66	6.78	57.44	74.00	-16.56	peak
6	5128.800	40.84	6.78	47.62	54.00	-6.38	AVG
7	5150.000	48.91	6.84	55.75	74.00	-18.25	peak
8	5150.000	40.71	6.84	47.55	54.00	-6.45	AVG
9	5284.320	100.95	7.22	108.17	--	--	peak
10	5350.000	52.04	7.41	59.45	74.00	-14.55	peak
11	5350.000	42.67	7.41	50.08	54.00	-3.92	AVG
12	5358.240	50.80	7.44	58.24	74.00	-15.76	peak
13	5358.240	42.21	7.44	49.65	54.00	-4.35	AVG
14	5430.240	50.59	7.65	58.24	74.00	-15.76	peak
15	5430.240	40.53	7.65	48.18	54.00	-5.82	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.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5320 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		

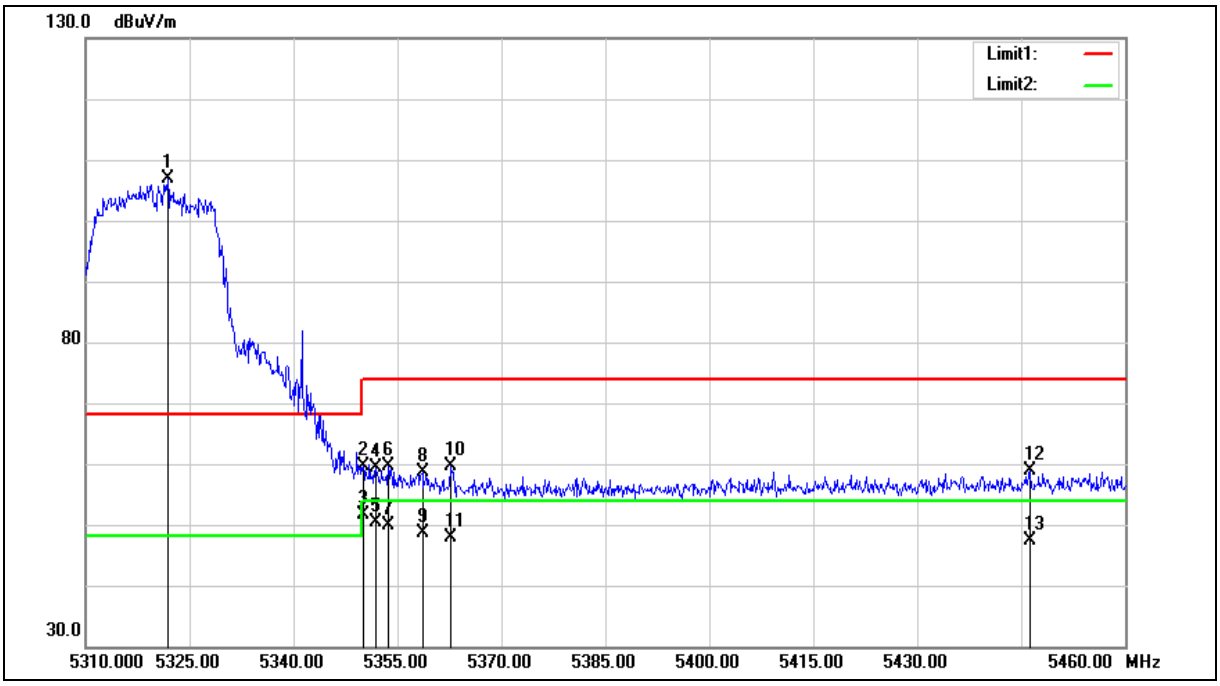
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.400	98.86	7.33	106.19	--	--	peak
2	5350.000	52.84	7.41	60.25	74.00	-13.75	peak
3	5350.000	44.43	7.41	51.84	54.00	-2.16	AVG
4	5350.800	54.07	7.41	61.48	74.00	-12.52	peak
5	5350.800	43.54	7.41	50.95	54.00	-3.05	AVG
6	5353.950	52.18	7.42	59.60	74.00	-14.40	peak
7	5353.950	42.74	7.42	50.16	54.00	-3.84	AVG
8	5359.200	51.25	7.44	58.69	74.00	-15.31	peak
9	5359.200	41.60	7.44	49.04	54.00	-4.96	AVG
10	5367.000	50.07	7.46	57.53	74.00	-16.47	peak
11	5367.000	40.31	7.46	47.77	54.00	-6.23	AVG
12	5443.800	50.66	7.69	58.35	74.00	-15.65	peak
13	5443.800	39.96	7.69	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:	5320 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Vertical		



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

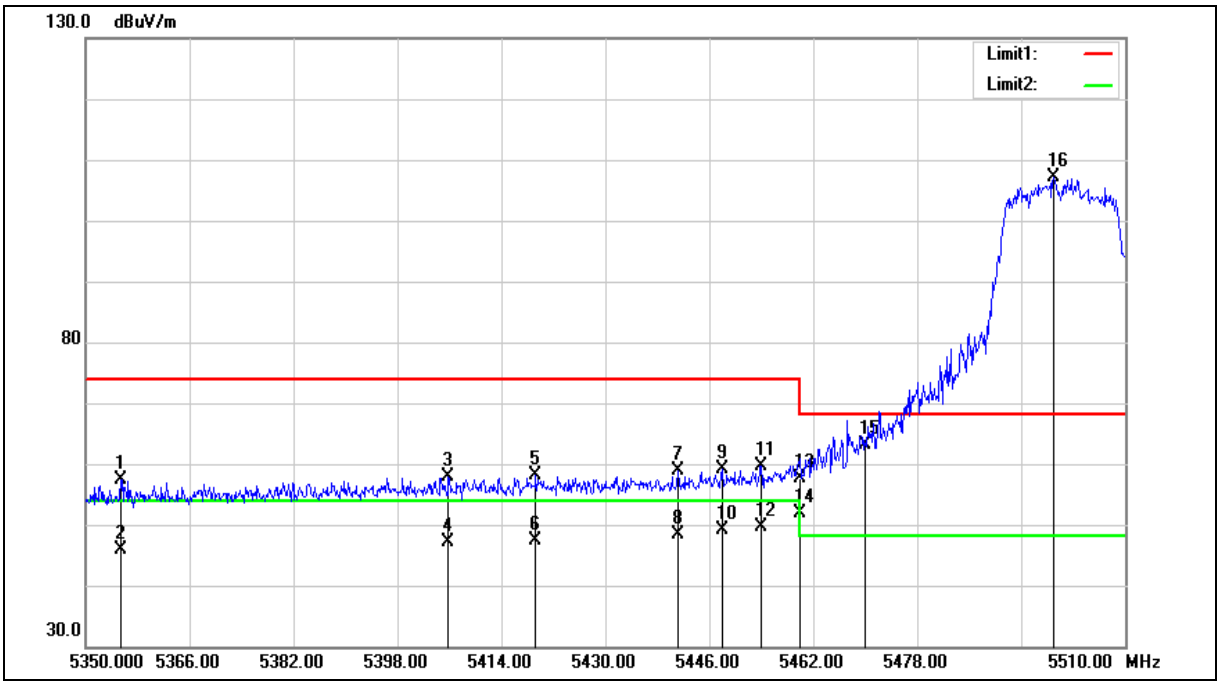
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.850	99.51	7.33	106.84	--	--	peak
2	5350.000	52.22	7.41	59.63	74.00	-14.37	peak
3	5350.000	44.16	7.41	51.57	54.00	-2.43	AVG
4	5351.850	51.97	7.41	59.38	74.00	-14.62	peak
5	5351.850	42.97	7.41	50.38	54.00	-3.62	AVG
6	5353.650	52.13	7.42	59.55	74.00	-14.45	peak
7	5353.650	42.58	7.42	50.00	54.00	-4.00	AVG
8	5358.600	51.07	7.44	58.51	74.00	-15.49	peak
9	5358.600	41.30	7.44	48.74	54.00	-5.26	AVG
10	5362.650	52.23	7.44	59.67	74.00	-14.33	peak
11	5362.650	40.47	7.44	47.91	54.00	-6.09	AVG
12	5446.200	51.18	7.70	58.88	74.00	-15.12	peak
13	5446.200	39.74	7.70	47.44	54.00	-6.56	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.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



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

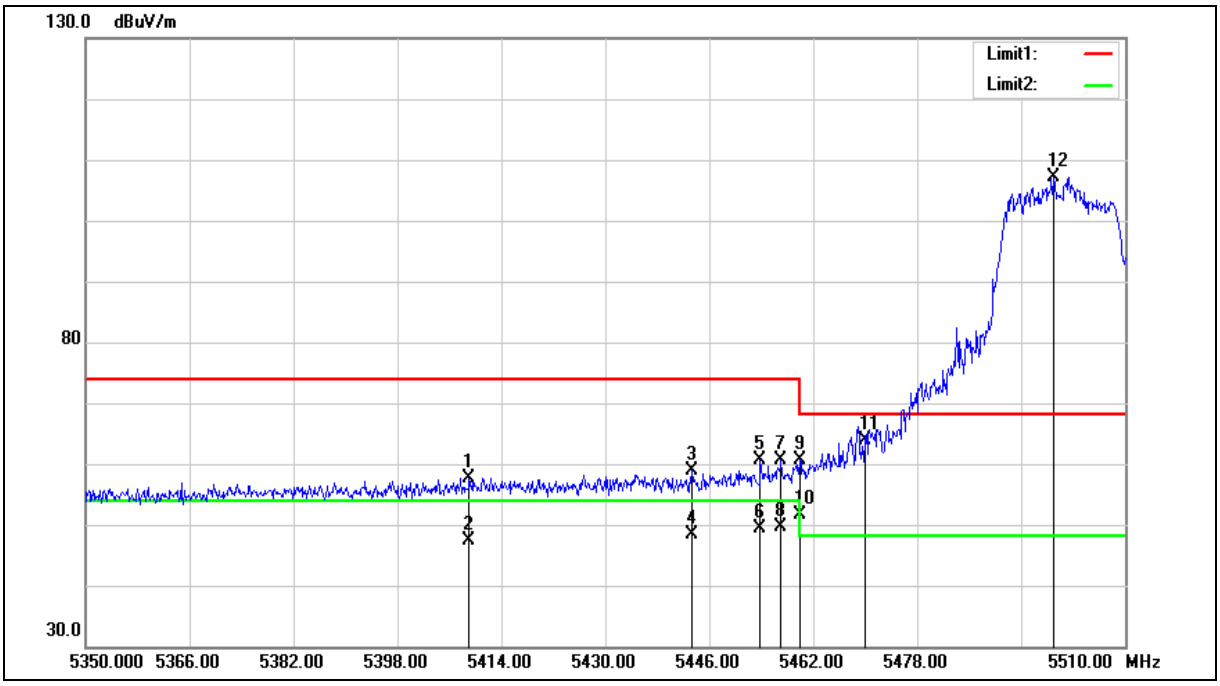
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5355.440	50.00	7.43	57.43	74.00	-16.57	peak
2	5355.440	38.45	7.43	45.88	54.00	-8.12	AVG
3	5405.840	50.33	7.58	57.91	74.00	-16.09	peak
4	5405.840	39.64	7.58	47.22	54.00	-6.78	AVG
5	5419.280	50.61	7.62	58.23	74.00	-15.77	peak
6	5419.280	39.67	7.62	47.29	54.00	-6.71	AVG
7	5441.200	51.21	7.68	58.89	74.00	-15.11	peak
8	5441.200	40.60	7.68	48.28	54.00	-5.72	AVG
9	5447.920	51.51	7.70	59.21	74.00	-14.79	peak
10	5447.920	41.35	7.70	49.05	54.00	-4.95	AVG
11	5454.000	51.90	7.71	59.61	74.00	-14.39	peak
12	5454.000	41.98	7.71	49.69	54.00	-4.31	AVG
13	5460.000	49.97	7.74	57.71	74.00	-16.29	peak
14	5460.000	44.09	7.74	51.83	54.00	-2.17	AVG
15	5470.000	55.42	7.76	63.18	68.20	-5.02	peak
16	5498.960	99.29	7.85	107.14	--	--	peak

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

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

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

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



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

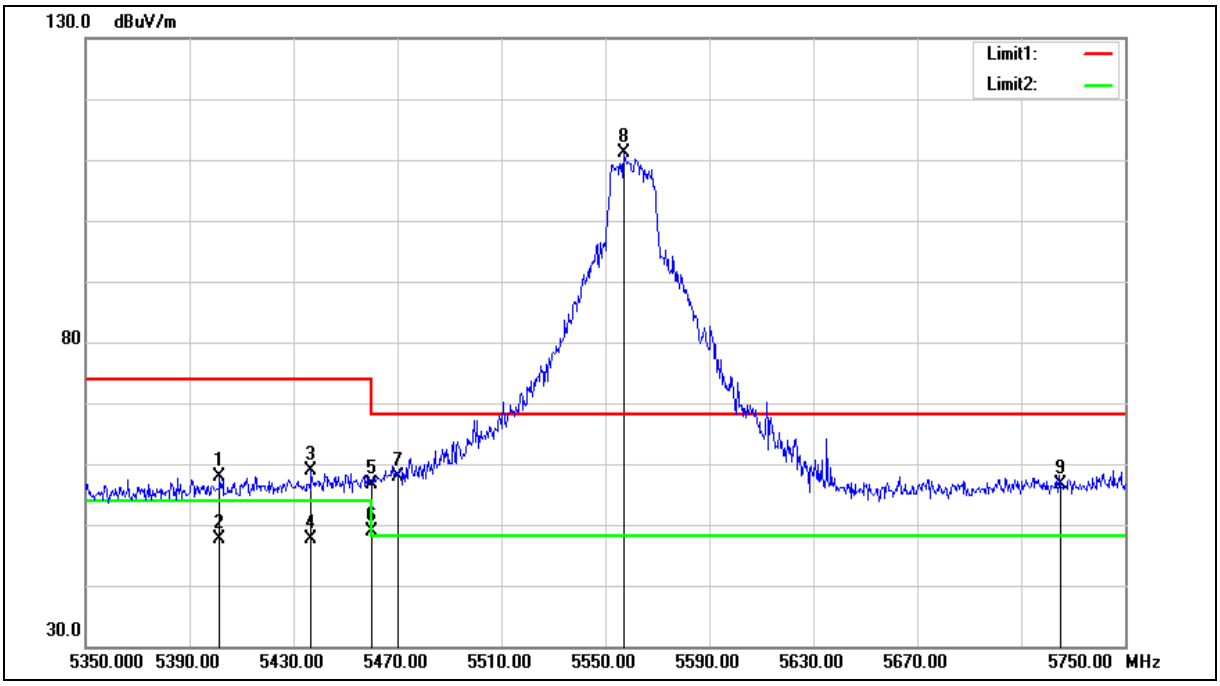
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5409.040	50.08	7.59	57.67	74.00	-16.33	peak
2	5409.040	39.71	7.59	47.30	54.00	-6.70	AVG
3	5443.280	51.16	7.68	58.84	74.00	-15.16	peak
4	5443.280	40.69	7.68	48.37	54.00	-5.63	AVG
5	5453.840	52.85	7.71	60.56	74.00	-13.44	peak
6	5453.840	41.71	7.71	49.42	54.00	-4.58	AVG
7	5457.040	52.99	7.73	60.72	74.00	-13.28	peak
8	5457.040	41.99	7.73	49.72	54.00	-4.28	AVG
9	5460.000	52.89	7.74	60.63	74.00	-13.37	peak
10	5460.000	43.81	7.74	51.55	54.00	-2.45	AVG
11	5470.000	56.19	7.76	63.95	68.20	-4.25	peak
12	5498.960	99.38	7.85	107.23	--	--	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:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	5560 MHz	Temp.(℃)/Hum.(%RH):	26(℃)/60 %RH
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



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

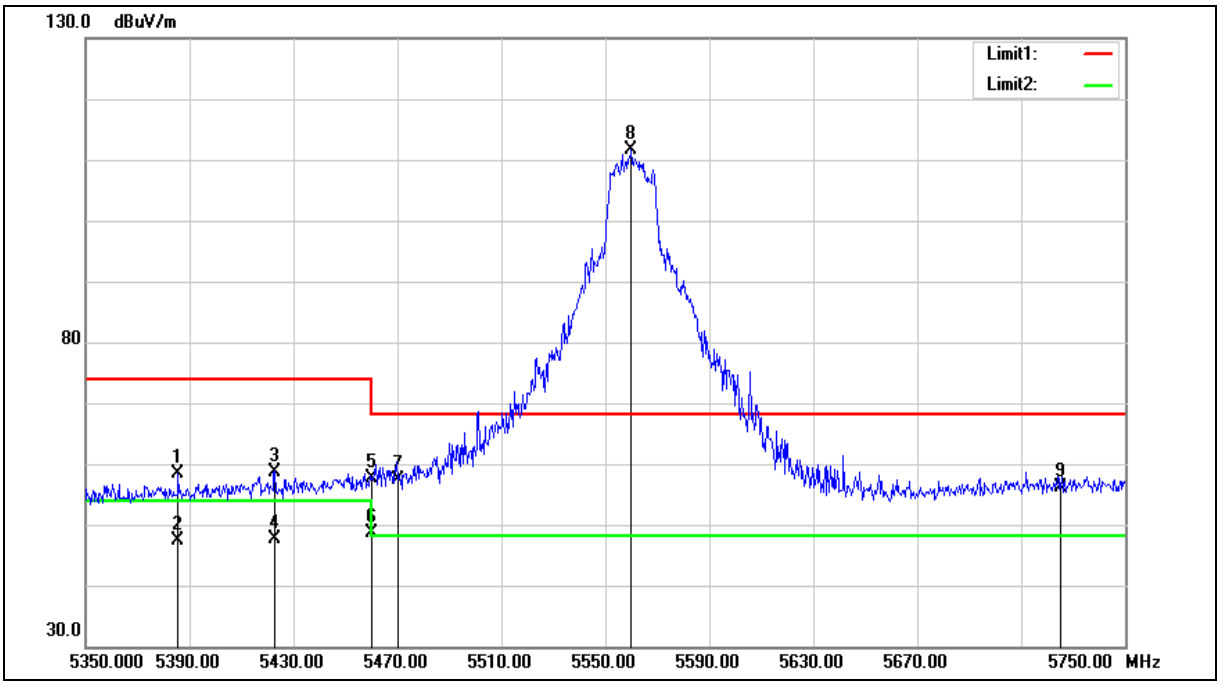
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5401.600	50.43	7.57	58.00	74.00	-16.00	peak
2	5401.600	39.97	7.57	47.54	54.00	-6.46	AVG
3	5436.800	51.21	7.67	58.88	74.00	-15.12	peak
4	5436.800	39.99	7.67	47.66	54.00	-6.34	AVG
5	5460.000	48.87	7.74	56.61	74.00	-17.39	peak
6	5460.000	41.08	7.74	48.82	54.00	-5.18	AVG
7	5470.000	50.06	7.76	57.82	68.20	-10.38	peak
8	5557.200	103.19	7.97	111.16	--	--	peak
9	5725.000	48.28	8.31	56.59	68.20	-11.61	peak

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

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

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

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



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

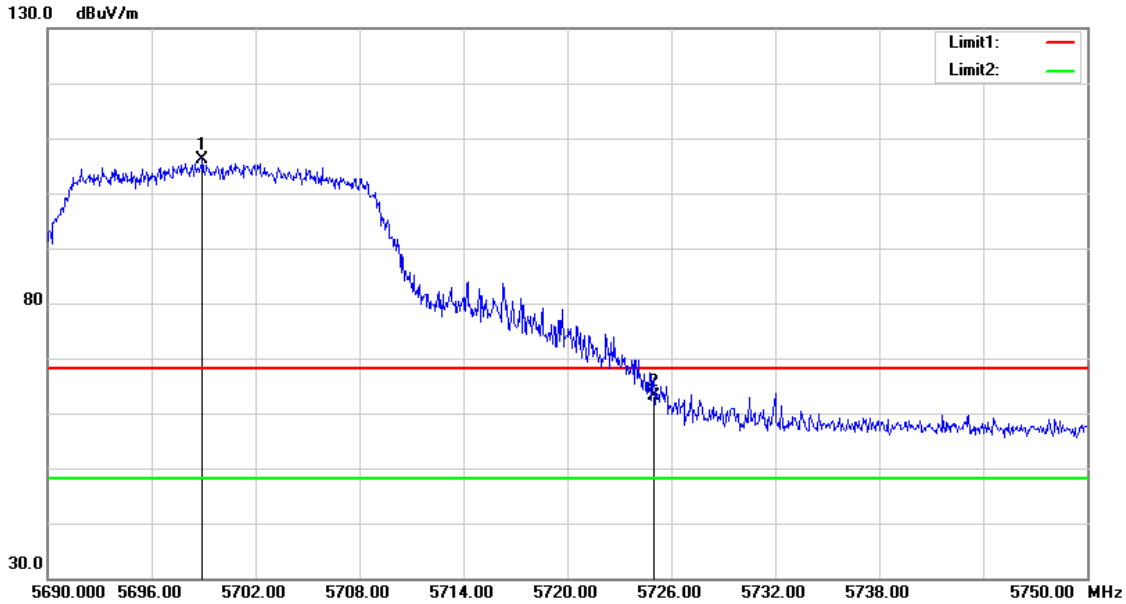
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5385.600	50.95	7.53	58.48	74.00	-15.52	peak
2	5385.600	39.92	7.53	47.45	54.00	-6.55	AVG
3	5422.800	51.12	7.63	58.75	74.00	-15.25	peak
4	5422.800	39.98	7.63	47.61	54.00	-6.39	AVG
5	5460.000	49.89	7.74	57.63	74.00	-16.37	peak
6	5460.000	40.85	7.74	48.59	54.00	-5.41	AVG
7	5470.000	49.67	7.76	57.43	68.20	-10.77	peak
8	5560.000	103.76	7.97	111.73	--	--	peak
9	5725.000	47.74	8.31	56.05	68.20	-12.15	peak

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

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

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

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



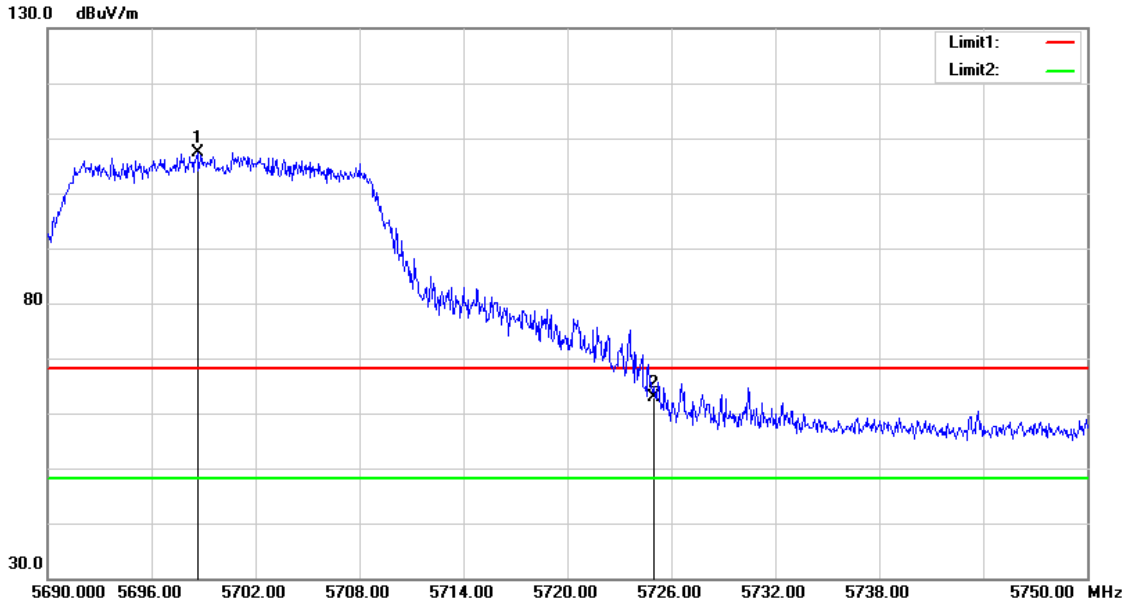
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5698.940	98.00	8.25	106.25	--	--	peak
2	5725.000	54.81	8.31	63.12	68.20	-5.08	peak

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

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

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

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



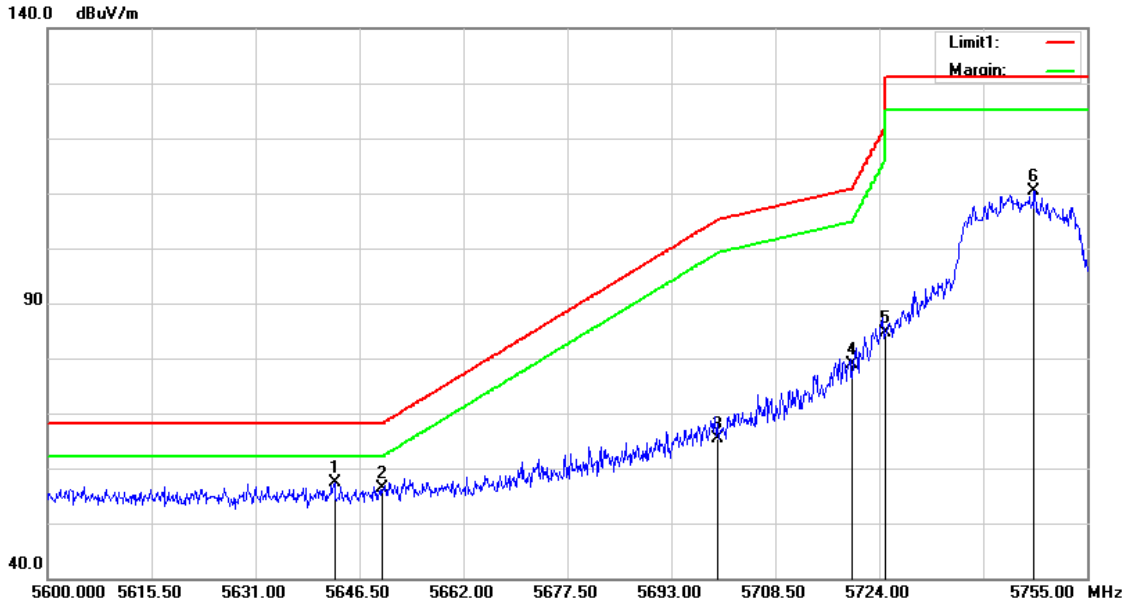
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5698.640	99.18	8.25	107.43	--	--	peak
2	5725.000	54.54	8.31	62.85	68.20	-5.35	peak

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



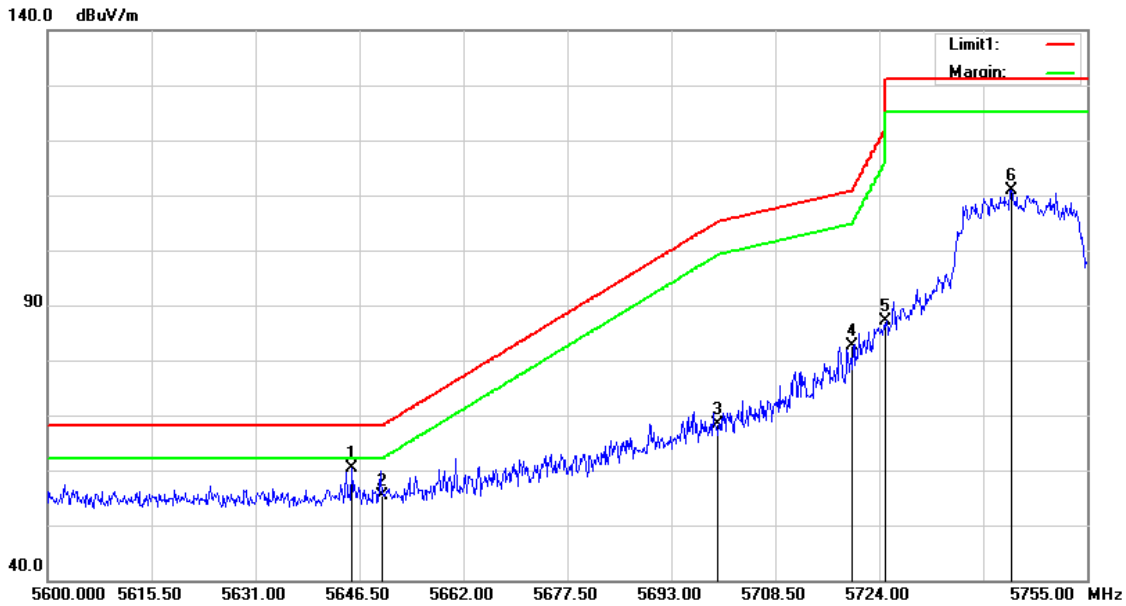
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5642.780	49.33	8.14	57.47	68.20	-10.73	peak
2	5650.000	48.10	8.16	56.26	68.20	-11.94	peak
3	5700.000	57.23	8.26	65.49	105.20	-39.71	peak
4	5720.000	70.70	8.30	79.00	110.80	-31.80	peak
5	5725.000	76.20	8.31	84.51	122.20	-37.69	peak
6	5747.095	102.06	8.35	110.41	--	--	peak

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

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

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

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



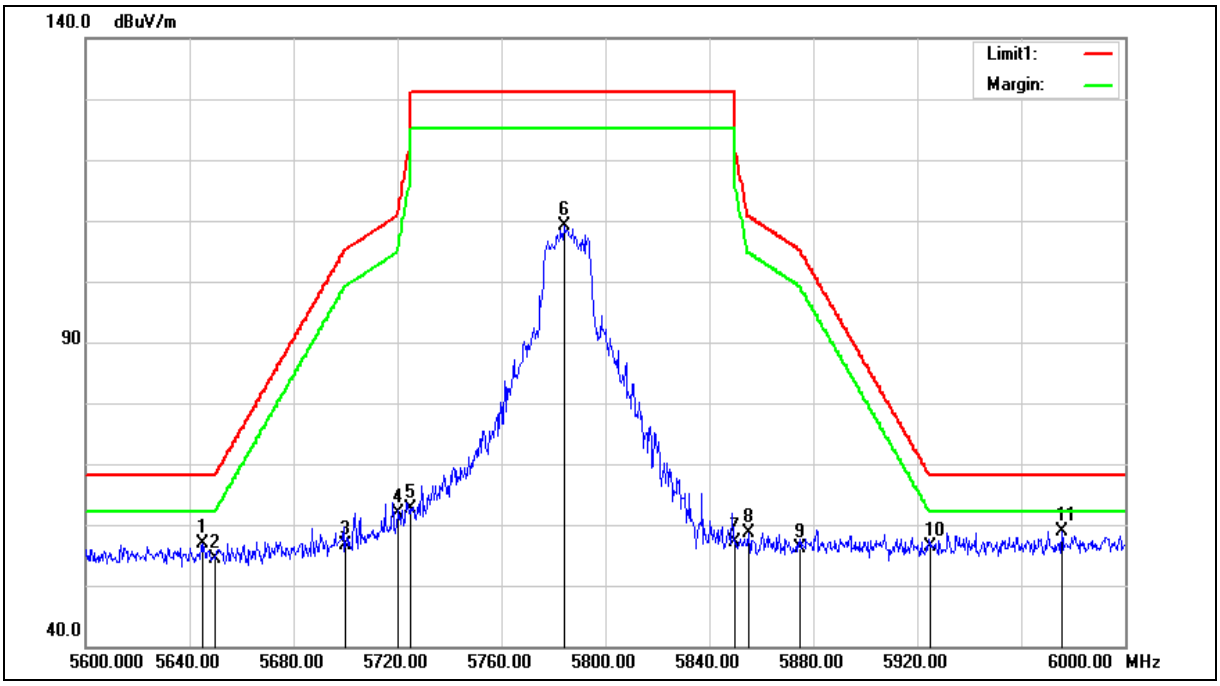
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5645.260	52.12	8.15	60.27	68.20	-7.93	peak
2	5650.000	47.28	8.16	55.44	68.20	-12.76	peak
3	5700.000	60.01	8.26	68.27	105.20	-36.93	peak
4	5720.000	74.37	8.30	82.67	110.80	-28.13	peak
5	5725.000	78.72	8.31	87.03	122.20	-35.17	peak
6	5743.685	102.59	8.34	110.93	--	--	peak

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

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

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

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



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

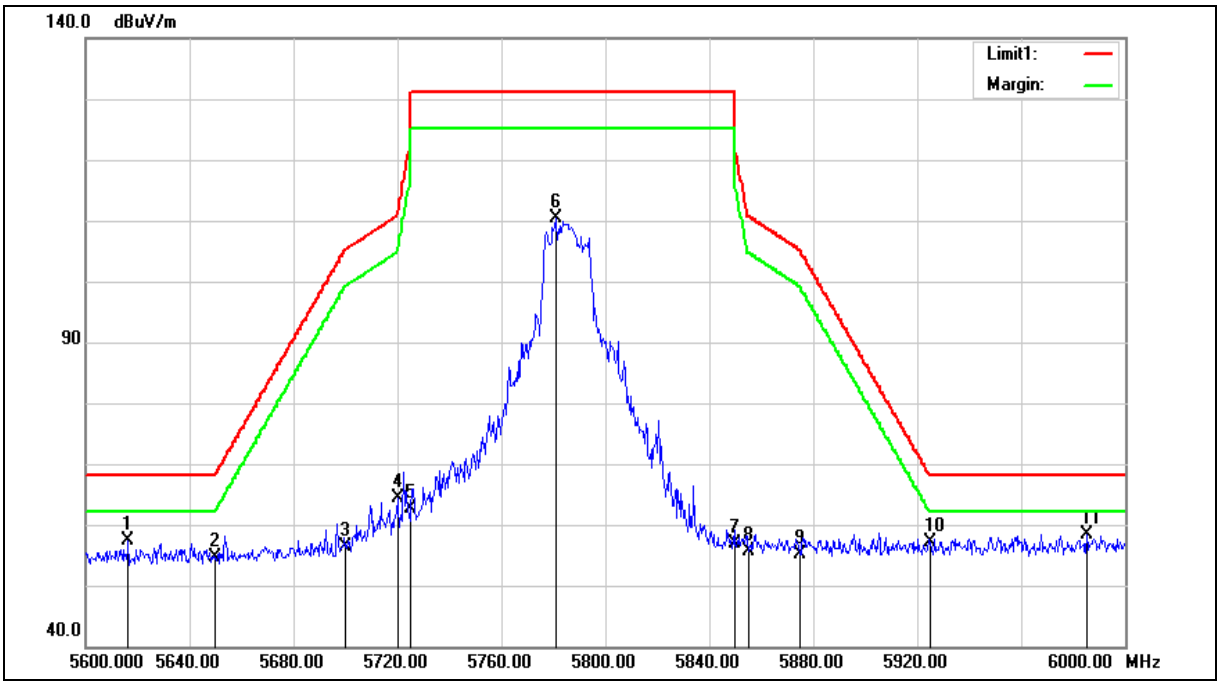
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.800	48.78	8.14	56.92	68.20	-11.28	peak
2	5650.000	46.29	8.16	54.45	68.20	-13.75	peak
3	5700.000	48.46	8.26	56.72	105.20	-48.48	peak
4	5720.000	53.69	8.30	61.99	110.80	-48.81	peak
5	5725.000	54.27	8.31	62.58	122.20	-59.62	peak
6	5784.000	100.69	8.42	109.11	--	--	peak
7	5850.000	48.70	8.55	57.25	122.20	-64.95	peak
8	5855.000	49.98	8.56	58.54	110.80	-52.26	peak
9	5875.000	47.45	8.61	56.06	105.20	-49.14	peak
10	5925.000	47.77	8.71	56.48	68.20	-11.72	peak
11	5975.600	50.05	8.82	58.87	68.20	-9.33	peak

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

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

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

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



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

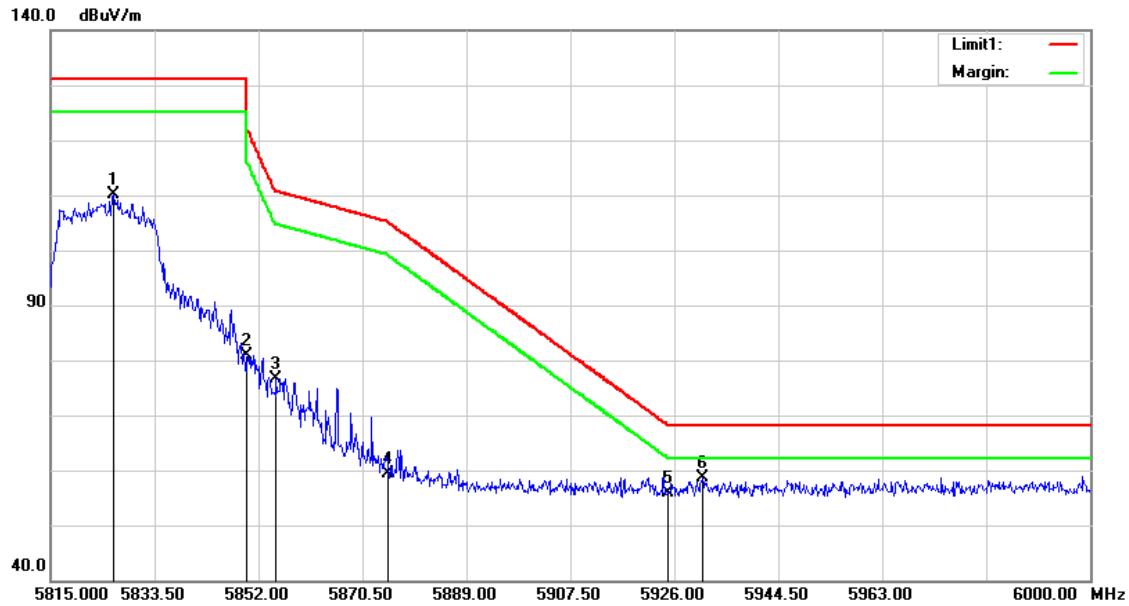
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5616.400	49.23	8.08	57.31	68.20	-10.89	peak
2	5650.000	46.49	8.16	54.65	68.20	-13.55	peak
3	5700.000	48.15	8.26	56.41	105.20	-48.79	peak
4	5720.000	56.04	8.30	64.34	110.80	-46.46	peak
5	5725.000	54.36	8.31	62.67	122.20	-59.53	peak
6	5780.800	102.02	8.42	110.44	--	--	peak
7	5850.000	48.29	8.55	56.84	122.20	-65.36	peak
8	5855.000	46.99	8.56	55.55	110.80	-55.25	peak
9	5875.000	46.53	8.61	55.14	105.20	-50.06	peak
10	5925.000	48.43	8.71	57.14	68.20	-11.06	peak
11	5985.200	49.63	8.84	58.47	68.20	-9.73	peak

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

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

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

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



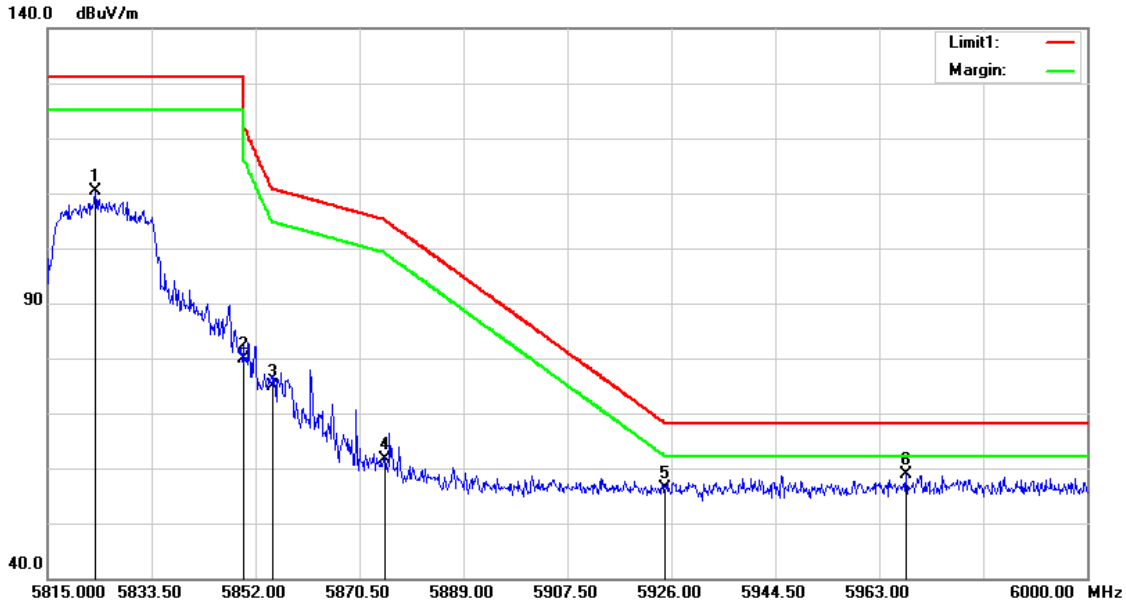
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.285	101.61	8.51	110.12	--	--	peak
2	5850.000	72.24	8.55	80.79	122.20	-41.41	peak
3	5855.000	67.99	8.56	76.55	110.80	-34.25	peak
4	5875.000	50.69	8.61	59.30	105.20	-45.90	peak
5	5925.000	47.27	8.71	55.98	68.20	-12.22	peak
6	5930.995	49.85	8.72	58.57	68.20	-9.63	peak

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

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5823.510	101.81	8.50	110.31	--	--	peak
2	5850.000	71.30	8.55	79.85	122.20	-42.35	peak
3	5855.000	66.31	8.56	74.87	110.80	-35.93	peak
4	5875.000	53.08	8.61	61.69	105.20	-43.51	peak
5	5925.000	47.58	8.71	56.29	68.20	-11.91	peak
6	5967.810	49.96	8.80	58.76	68.20	-9.44	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.

Annex C. Conducted Test Results

Maximum Conducted Output Power Measurement

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	6 M	19.35	0.086	≤ 24.00
5200.0		**22.28**	**0.169**	≤ 24.00
5220.0		22.22	0.167	≤ 24.00
5240.0		22.19	0.166	≤ 24.00
5260.0		**22.08**	**0.161**	≤ 24.00
5280.0		22.07	0.161	≤ 24.00
5300.0		22.03	0.160	≤ 24.00
5320.0		18.94	0.078	≤ 24.00
5500.0		17.77	0.060	≤ 24.00
5520.0		20.42	0.110	≤ 24.00
5540.0		20.49	0.112	≤ 24.00
5560.0		20.52	0.113	≤ 24.00
5580.0		20.45	0.111	≤ 24.00
5660.0		**20.57**	**0.114**	≤ 24.00
5680.0		20.44	0.111	≤ 24.00
5700.0		19.33	0.086	≤ 24.00
5745.0		**22.25**	**0.168**	≤ 30.00
5765.0		22.11	0.163	≤ 30.00
5785.0		22.07	0.161	≤ 30.00
5805.0		21.93	0.156	≤ 30.00
5825.0		21.88	0.154	≤ 30.00

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	6.5 M	18.06	0.064	≤ 24.00
5200.0		22.05	0.160	≤ 24.00
5220.0		22.08	0.161	≤ 24.00
5240.0		**22.11**	**0.163**	≤ 24.00
5260.0		21.80	0.151	≤ 24.00
5280.0		21.74	0.149	≤ 24.00
5300.0		21.77	0.150	≤ 24.00
5320.0		**21.81**	**0.152**	≤ 24.00
5500.0		19.56	0.090	≤ 24.00
5520.0		**20.94**	**0.124**	≤ 24.00
5540.0		20.86	0.122	≤ 24.00
5560.0		20.90	0.123	≤ 24.00
5580.0		20.85	0.122	≤ 24.00
5660.0		20.73	0.118	≤ 24.00
5680.0		20.81	0.121	≤ 24.00
5700.0		20.77	0.119	≤ 24.00
5745.0		**22.03**	**0.160**	≤ 30.00
5765.0		21.88	0.154	≤ 30.00
5785.0		21.81	0.152	≤ 30.00
5805.0		21.77	0.150	≤ 30.00
5825.0		21.56	0.143	≤ 30.00

Note: The relevant measured result has the offset with cable loss already.

26 dB RF Bandwidth Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode
Frequency (MHz)	ANT-0
5180.0	28.710
5200.0	39.960
5240.0	39.620
5260.0	37.990
5280.0	37.590
5320.0	25.440
5500.0	21.910
5560.0	32.860
5700.0	31.610

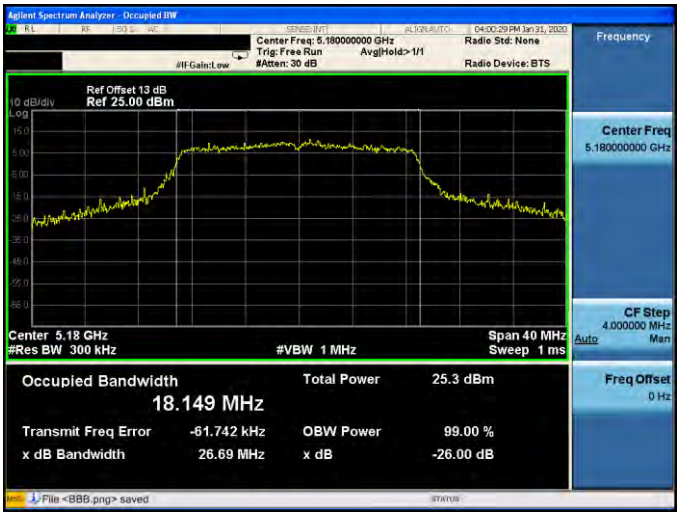
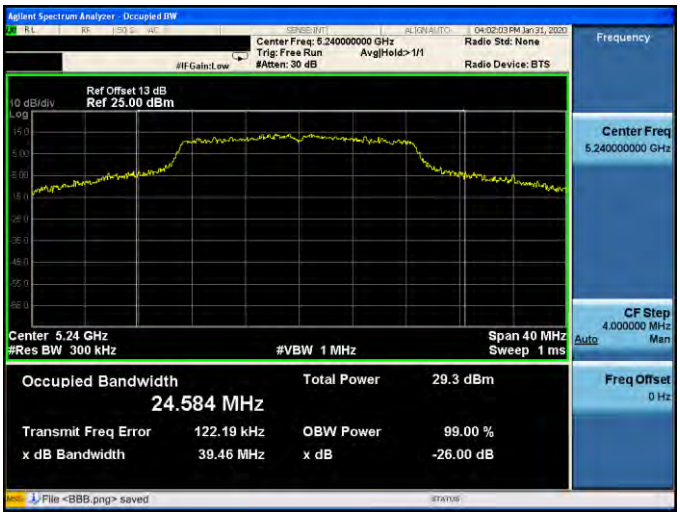
Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode
Frequency (MHz)	ANT-0
5180.0	26.690
5200.0	39.470
5240.0	39.460
5260.0	39.600
5280.0	38.220
5320.0	38.710
5500.0	30.510
5560.0	39.410
5700.0	36.520

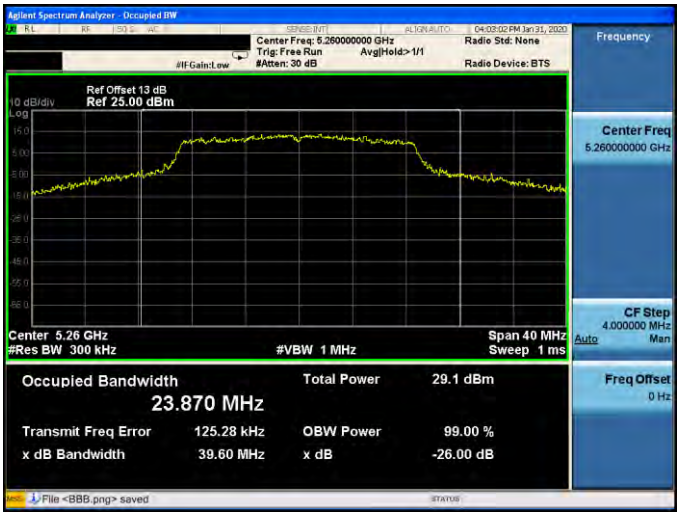
■ **Test Graphs**

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5260 MHz	
5280 MHz	
5320 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5500 MHz	
5560 MHz	
5700 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0	
5260 MHz	
5280 MHz	
5320 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0	
5500 MHz	
5560 MHz	
5700 MHz	

6 dB RF Bandwidth Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5745.0	16340	≥ 500
5785.0	15760	≥ 500
5825.0	16390	≥ 500

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode	
Frequency (MHz)	ANT-0	Limit (kHz)
5745.0	17140	≥ 500
5785.0	17330	≥ 500
5825.0	17180	≥ 500

■ **Test Graphs**

Mode 2: IEEE 802.11a Link Mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 3: IEEE 802.11ac 20 MHz Link Mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Maximum Power Spectral Density Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180.0	7.936	0.021	7.957	≤ 11.00
5200.0	10.766	0.021	10.787	
5240.0	10.846	0.021	10.867	
5260.0	10.622	0.021	10.643	
5280.0	10.567	0.021	10.588	
5320.0	7.615	0.021	7.636	
5500.0	7.020	0.021	7.041	
5560.0	10.464	0.021	10.485	
5700.0	10.112	0.021	10.133	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745.0	4.046	0.021	11.06	≤ 30
5785.0	4.119	0.021	11.13	
5825.0	3.821	0.021	10.83	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180.0	6.534	0.127	6.661	≤ 11.00
5200.0	10.430	0.127	10.557	
5240.0	10.210	0.127	10.337	
5260.0	10.020	0.127	10.147	
5280.0	10.153	0.127	10.280	
5320.0	7.722	0.127	7.849	
5500.0	8.470	0.127	8.597	
5560.0	10.508	0.127	10.635	
5700.0	8.804	0.127	8.931	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745.0	3.772	0.127	10.89	≤ 30
5785.0	3.517	0.127	10.63	
5825.0	3.355	0.127	10.47	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

■ **Test Graphs**

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5260 MHz	
5280 MHz	
5320 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5500 MHz	
5560 MHz	
5700 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5260 MHz	
5280 MHz	
5320 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5500 MHz	
5560 MHz	
5700 MHz	

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

--- END---