

RF Test Report

Applicant : Getac Technology Corporation
Product Type : Wireless module
Trade Name : Getac
Model Number : AX200NGW
Applicable Standard : FCC 47 CFR PART 15 SUBPART C
ANSI C63.10:2013
Received Date : Mar. 06, 2019
Test Period : Jan. 17 ~ Mar. 13, 2020
Issued Date : Mar. 16, 2020

Issued by

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

Note:

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- 3.The relevant information is provided by customers in this test report. According to the correctness, appropriateness or completeness of the information provided by the customer, if there is any doubt or error in the information which affects the validity of the test results, the laboratory does not take the responsibility.



Revision History

Rev.	Issued Date	Revisions	Revised By
00	Feb. 26, 2020	Initial Issue	Nina Lin
01	Mar. 16, 2020	Page 1 Revised Test Period. Page 7 Revised Frequency Range. Page 10 Revised ANT-0+1/Antenna Delivery/ Test Channel. Page 15 & 16 Revised Test Period. Added Frequency Range 2467/2472 MHz test data.	Nina Lin



Verification of Compliance

Issued Date: Mar. 16, 2020

Applicant : Getac Technology Corporation
Product Type : Wireless module
Trade Name : Getac
Model Number : AX200NGW
FCC ID : QYLAX200NG
EUT Rated Voltage : DC 3.7 V
Test Voltage : 120 Vac / 60 Hz
Applicable Standard : FCC 47 CFR PART 15 SUBPART C
ANSI C63.10:2013
Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330
<http://www.atl-lab.com.tw/e-index.htm>

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

Approved By : Fly Lu
(Manager) (Fly Lu)

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1 General Information

1.1. Summary of Test Result

Standard	Item	Result	Remark
15.207	AC Power Conducted Emission	PASS	-----
15.247(d)	Transmitter Radiated Emissions	PASS	Note 2
15.247(b)(3)	Max. Output Power	PASS	-----
15.247(a)(2)	6 dB RF Bandwidth	N/A	Note 1
15.247(e)	Maximum Power Spectral Density	N/A	Note 1
15.247(d)	Out of Band Conducted Spurious Emission	N/A	Note 1
15.203	Antenna Requirement	PASS	-----

Note1: Class II permissive change. No need for verification.

Note2: Transmitter Radiated Emissions in above 1 GHz use the worst Max. Output Power to do the test.

Standard	Description
CFR47, Part 15, Subpart C	Intentional Radiators
ANSI C63. 10: 2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB 558074 D01 15.247 Meas Guidance v05r02	GUIDANCE FOR COMPLIANCE MEASUREMENTS ON DIGITAL TRANSMISSION SYSTEM, FREQUENCY HOPPING SPREAD SPECTRUM SYSTEM, AND HYBRID SYSTEM DEVICES OPERATING UNDER SECTION 15.247 OF THE FCC RULES
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	

Decision Rule

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

2 EUT Description

Applicant	Getac Technology Corporation 5F.,Building A,No.209,Sec.1 Nangang.,Rd., Taipei City, 11568, Taiwan			
Manufacturer	Intel Corporation 100 Center Point Circle, Suite 200, Columbia, South Carolina 29210, USA			
Product Type	Wireless module			
Trade Name	Getac			
Model Number	AX200NGW			
FCC ID	QYLAX200NG			
Class II Permissive Change	This is to request a Class II permissive change for FCC ID:QYLAX200NG , originally granted on 2020/2/7 The major change filed under this application is: Change #1: Additional Chassis added, Getac, model number: UX10 #2: Addition one antenna, the antenna type is same, the 2.4GHz antenna gain is higher than the original application and the 5GHz antenna gain is low than the original application. Therefore, 2.4GHz band RSE verification will be executed and the RF report will be submitted afterwards.			
Host Information	Product Type: Tablet Trade Name: Getac Model Name: UX10			
Operate Freq. Band	Frequency Range (MHz)	Modulation	Channel Bandwidth	Data Rate 400 / 800 GI (ns)
IEEE 802.11b	2412 ~ 2472	DSSS	20 MHz	Up to 11 Mbps
IEEE 802.11g	2412 ~ 2472	OFDM	20 MHz	Up to 54 Mbps
IEEE 802.11n 2.4 GHz 20 MHz	2412 ~ 2472	OFDM	20 MHz	Up to 72.2 Mbps
IEEE 802.11n 2.4 GHz 40 MHz	2412 ~ 2472	OFDM	40 MHz	Up to 150 Mbps
IEEE 802.11ax 2.4 GHz 20 MHz	2412 ~ 2472	OFDMA	20 MHz	Up to MCS 11
IEEE 802.11ax 2.4 GHz 40 MHz	2422 ~ 2462	OFDMA	40 MHz	Up to MCS 11
Antenna information	ANT	Model Number	Type	Max. Gain (dBi)
	Main (ANT-0)	T-0239 UX10 MAIN WIFI ANT	PIFA Antenna	3.70
	AUX (ANT-1)	T-0239 UX10 AUX WIFI ANT	PIFA Antenna	0.36
Antenna Delivery	See section 3.1			
Operate Temp. Range	0 ~ +80 °C			



Frequency Band	Max. RF Output Power (W)	
	SYSTEM 2 Full	SYSTEM 1 Basic
IEEE 802.11b	0.104	0.096
IEEE 802.11g	0.097	0.094
IEEE 802.11n 2.4 GHz 20 MHz	0.097	0.093
IEEE 802.11n 2.4 GHz 40 MHz	0.048	0.047
IEEE 802.11ax 2.4 GHz 20 MHz	0.086	0.081
IEEE 802.11ax 2.4 GHz 40 MHz	0.047	0.047

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:

Pre-Test Mode
Mode 1: Transmit mode
Mode 2: IEEE 802.11b Continuous TX mode
Mode 3: IEEE 802.11g Continuous TX mode
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode
Mode 5: IEEE 802.11n 2.4 GHz 40 MHz Continuous TX mode
Mode 6: IEEE 802.11ax 2.4 GHz 20 MHz Continuous TX mode
Mode 7: IEEE 802.11ax 2.4 GHz 40 MHz Continuous TX mode

Final-Test Mode
Mode 1: Transmit mode
Mode 2: IEEE 802.11b Continuous TX mode
Mode 4: IEEE 802.11n 2.4 GHz 20 MHz Continuous TX mode
Mode 6: IEEE 802.11ax 2.4 GHz 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.

By preliminary testing and verifying three axis (X, Y and Z) position of EUT transmitted status, it was found that "X axis" position was the worst, then the final test was executed the worst condition and test data were recorded in this report.

Note : ANT-0 is the worst case in Mode 2 / Mode 3 / Mode 4 / Mode 5.

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

Test Mode	Antenna Delivery	Data Rate (Mbps)	Test Channel
Mode 2	1TX(Diversity)	1	1, 6, 11, 12, 13
Mode 3	1TX(Diversity)	6	1, 6, 11, 12, 13
Mode 4	1TX(Diversity) / 2TX(MIMO)	6.5	1, 6, 11, 12, 13
Mode 5	1TX(Diversity) / 2TX(MIMO)	13.5	3, 6, 9, 10, 11
Mode 6	1TX(Diversity) / 2TX(MIMO)	MCS 0	1, 6, 11, 12, 13
Mode 7	1TX(Diversity) / 2TX(MIMO)	MCS 0	3, 6, 9, 10, 11



Decision of Test Mode				V	V
Description	Vender	Model Number	Remarks	SYSTEM 2 Full	SYSTEM 1 Basic
Main Board	WUS Printed Circuit	R0B	---	V	V
CPU	Intel	i7-10710U	1.10 GHz, 1528 Pin	V	V
Memory	Kingston	CBD26D4S9S8ME-8	DDR4, 2400 MHz, 8 GB		V
	Kingston	CBD24D4S7D8ME-16	DDR4, 2400 MHz, 16GB	V	
HDD	LITEON	CV8-8E256	256 GB, 3D TLC AES		V
	LITEON	CV8-8E512	512 GB, 3D TLC AES	V	
LCM	K&D Technology	KD101N69-30NP	1920 x 1080 (FHD)		V
	Getac	GET-101	Digitizer	V	
Upside Option	Getac	UX10 PN7462 NFC Module	NXP RFID		V
	Motorola	SE4710	Moto, Zebra, SE4710	V	
STD Battery (Optional)	Getac	BP3S2P2100S-01	11.1 VDC, 4200 mAh		V
Large Battery (Optional)	Getac	BP3S3P3450P-03	10.8 VDC, 9240 mAh	V	
Bridge Battery (Optional)	Getac	BP2S1P2100S	Back Expansion Bay 7.4 VDC, 2100 mAh	V	
Fingerprint CrossMatch	Crossmatch	TCETC1	Right Expansion Bay	V	
MSR Reader	Magtek	99875494-3			
Module	Getac	EM7455	WWAN/GPS	V	
	LOCOSYS	MC 1010	GPS/GNS		V
	Intel	AX200NGW	WLAN/BT	V	V
Rear Camera 8M	Foxlink	FN80AF-704H	---	V	V
Windows Hollow	Foxlink	FN23FF-705H	---	V	V
Capacitive Pen	Who Care	N/A	---		V
AC Adapter (1)	FSP	FSP065-RBBN3	INPUT: 100-240 VAC, 50-60 Hz, 1.5 A OUTPUT: 19 VDC, 3.42 A Non-Shielded, 1.5 m, with one core	V	V
AC Adapter (2)	Getac	MTA190474W4(*)	INPUT: 100-240 VAC, 50-60 Hz, 1.6 A OUTPUT: 19 VDC, 4.74 A Non-Shielded, 1.5 m with two cores	V	V
Power Cord (1)	I-SHENG	SP-305B+IS-034	3 pin, for U.S. power connector Non-Shielded, 1.75 m	V	V
Power Cord (2)	I-SHENG	SP-305B+IS-034	3 pin, for European power connector Non-Shielded, 1.75 m		
Digitizer Pen (Optional)	EMRight	GET-101	---	V	

Note 1: SYSTEM 2 Full is the worst case in Transmitter Radiated Emissions.

Note 2: The device used two models of adapter, adapter number: MTA190474W4 is worst case to perform testing.

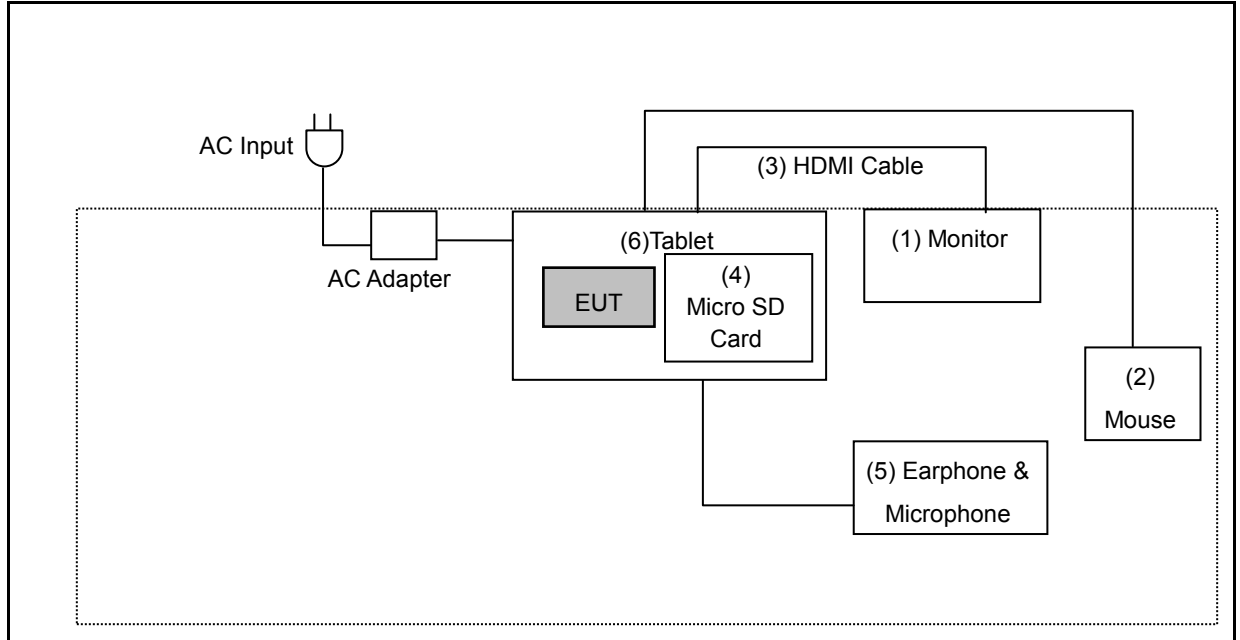
3.2. EUT Test Step

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.

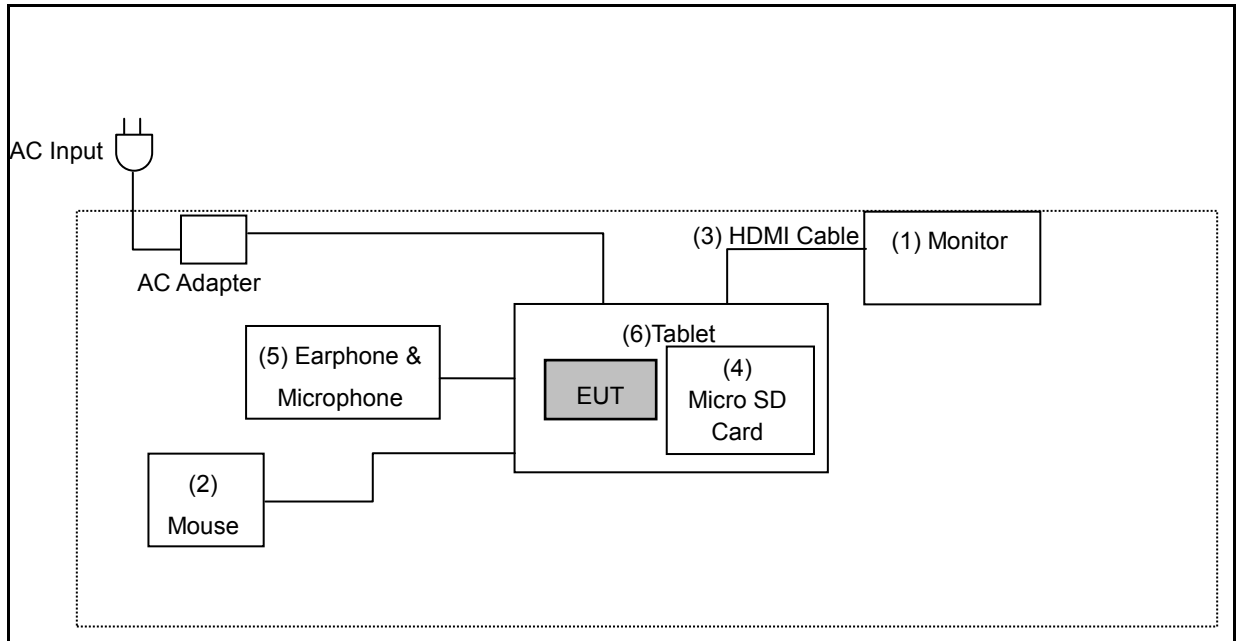
Measurement Software			
No.	Description	Software	Version
1	Conducted Emission	EZ EMC	1.1.4.3
2	Radiated Emission	EZ EMC	1.1.4.4

3.3. Configuration of Test System Details

Conducted Emission



Radiated Emissions



Devices Description					
	Product	Manufacturer	Model Number	Serial Number	Power Cord
(1)	Monitor	DELL	U2410f	CN-OJ257M-72872-09J -01AL	---
(2)	Mouse	DELL	MOCZUL	CN-049TWY-73826-63 N-01SB	---
(3)	HDMI Cable	Avier	K48GHS	---	Shielded, 1.7 m
(4)	Micro SD Card	Transcend	9153BA 8G 07DS1	---	---
(5)	Earphone & Microphone	HUAWEI	LYA-L29	---	---
(6)	Tablet	Getac	UX10	---	---



3.4. Test Instruments

For Conducted Emission

Test Period: Feb. 20, 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: Feb. 17 ~ Feb. 19, 2020 / Mar. 13, 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
Broadband Antenna	Schwarzbeck	VULB9168	416	10/23/2019	1 year
Horn Antenna (1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	08/22/2019	1 year
Horn Antenna (18~40 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	08/14/2019	1 year
Loop Antenna	COM-POWER CORPORATION	AL-130	121014	03/29/2019	1 year
RF Cable	EMCI	EMC104-N-N-6000	TE01-1	02/20/2020	1 year
Microwave Cable	EMCI	EMC104-SM-SM-1 3000	170814	10/29/2019	1 year
Microwave Cable	EMCI	EMC102-KM-KM-1 4000	151001	02/20/2020	1 year

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



For Conducted

Test Period: Jan. 17, 2020 / Mar. 13, 2020

Testing Engineer: Negi.Chiu

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
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

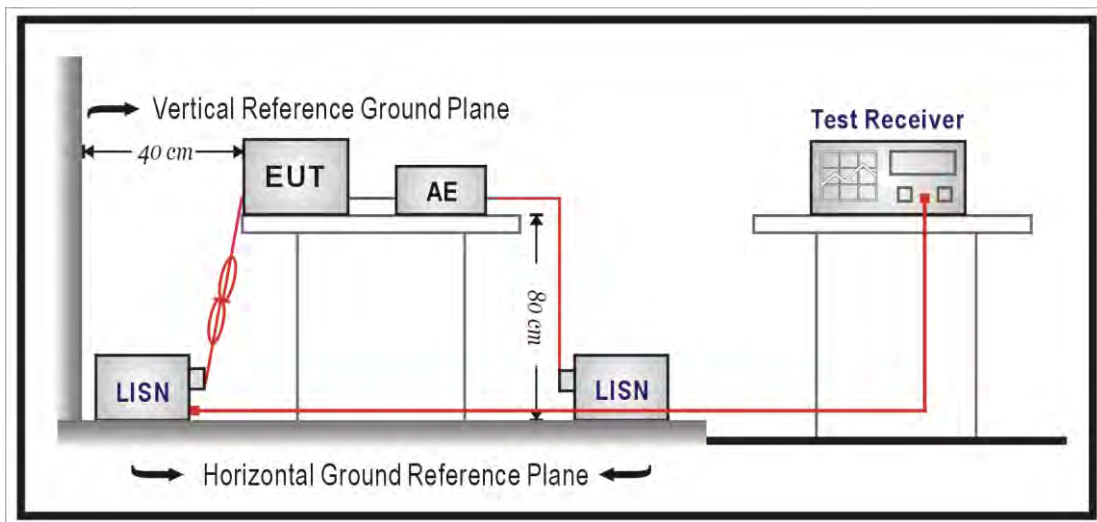
4 Measurement Procedure

4.1. AC Power Line Conducted Emission Measurement

■ Limit

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

■ Test Setup



■ Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a $50\ \Omega // 50\ \mu\text{H}$ coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a $50\ \Omega // 50\ \mu\text{H}$ coupling impedance with 50 ohm termination.

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

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

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

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

4.2. Radiated Emission Measurement

■ Limit

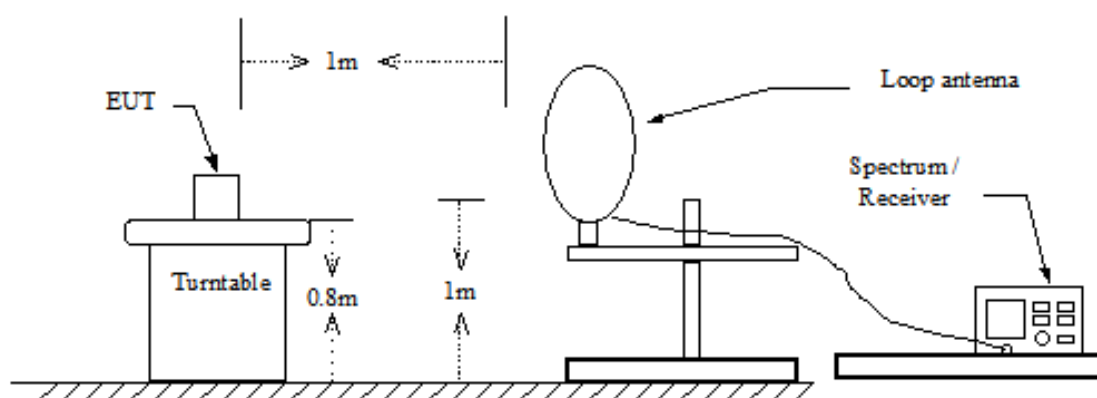
According to §15.209(a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength ($\mu\text{V/m}$ at meter)	Measurement Distance (meters)
0.009 – 0.490	$2400 / F$ (kHz)	300
0.490 – 1.705	$24000 / F$ (kHz)	30
1.705 – 30.0	30	30
30 - 88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

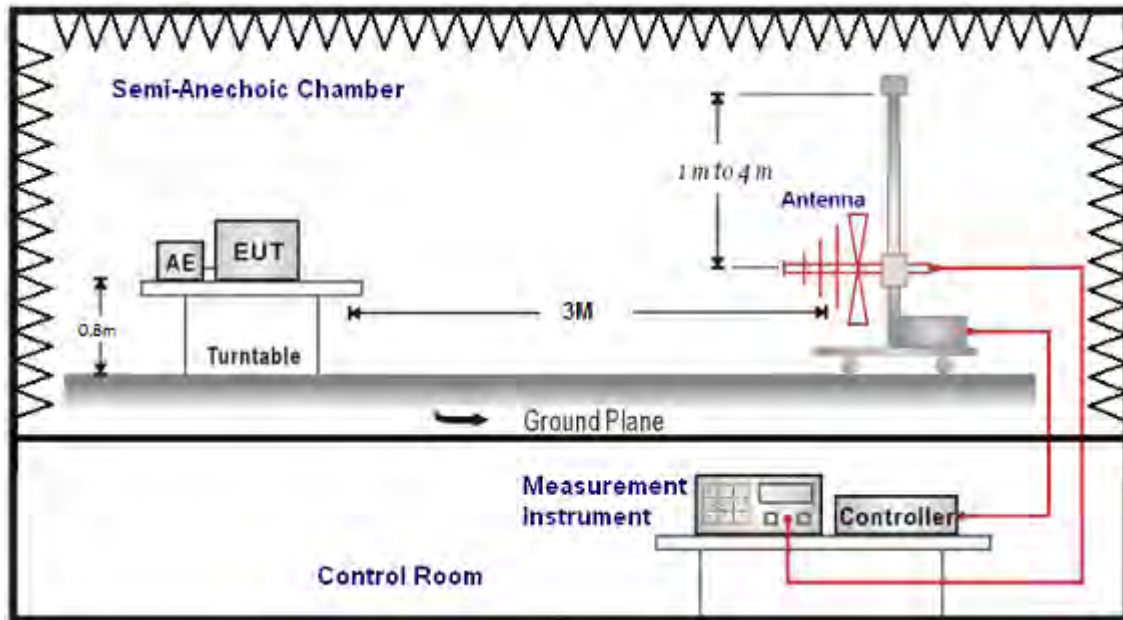
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

■ Setup

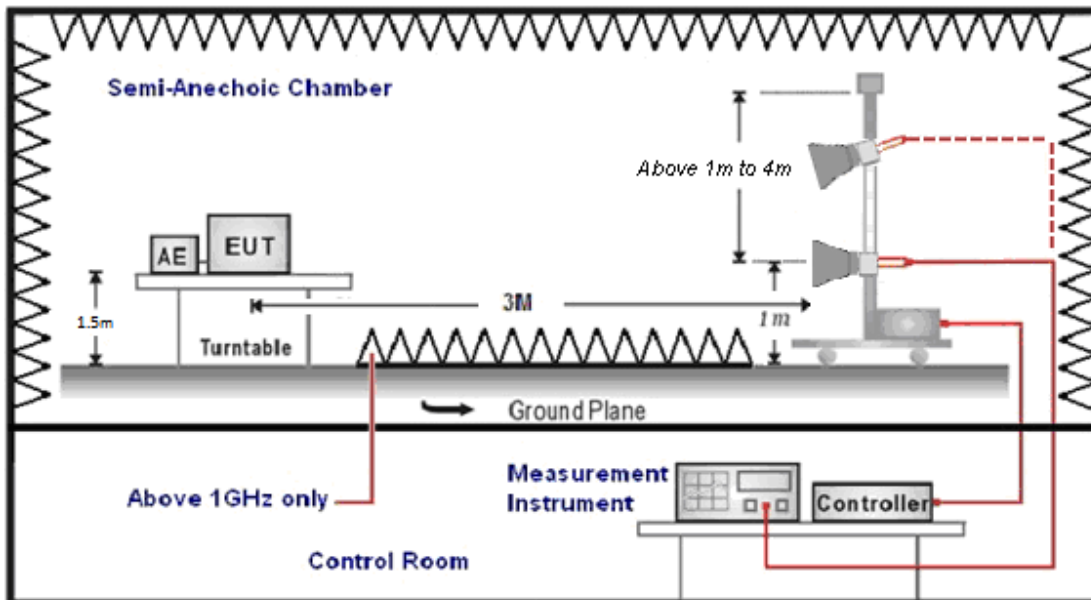
9 kHz ~ 30 MHz



Below 1 GHz



Above 1 GHz



■ Test Procedure

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 or 1.5 meters height, 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 26.5 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 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 . A nonconductive material surrounded the EUT to supporting the EUT for standing on three orthogonal planes. At each condition, the EUT was rotated 360 degrees, and the antenna was raised and lowered from one to four meters to find the maximum emission levels. Measurements were taken using both horizontal and vertical antenna polarization.

SCHWARZBECK MESS-ELEKTRONIK Biconilog Antenna at 3 Meter and the SCHWARZBECK Double Ridged Guide Antenna was used in frequencies 1 –26.5 GHz at a distance of 3 meter. The antenna at an angle toward the source of the emission. All test results were extrapolated to equivalent signal at 3 meters utilizing an inverse linear distance extrapolation Factor (20 dB/decade).

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

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

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

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

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

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

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

FI= Reading of the field intensity.

AF= Antenna factor.

CL= Cable loss.

P.S Amplitude is auto calculate in spectrum analyzer.

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

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

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

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

Data of measurement within this frequency range without mark in the table above means the reading of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.

4.3. Maximum Conducted Output Power Measurement

■ Limit

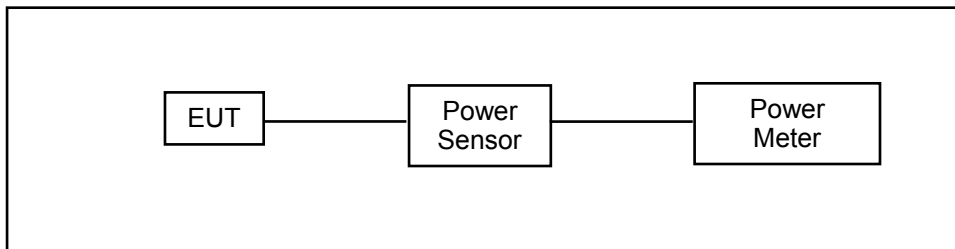
For systems using digital modulation in the 2400-2483.5 MHz, the limit for maximum output power is 30 dBm.

And According to 15.247 (b), 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.

Diversity mode:

Directional = Max. Gain = ANT-0 : 3.7 dBi < 6 dBi

■ Test Setup



■ Test Procedure

The testing follows the Measurement Procedure of ANSI C63.10:2013 section 11.9.2.3.2 Method AVGPM.

The tests below are run with the EUT's transmitter set at high power in TX mode. The EUT is needed to force selection of output power level and channel number. While testing, EUT was set to transmit continuously. Remove the Subjective device's antenna and connect the RF output port to power sensor.



4.4. Antenna Measurement

■ 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 15.247 (b), 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 Description

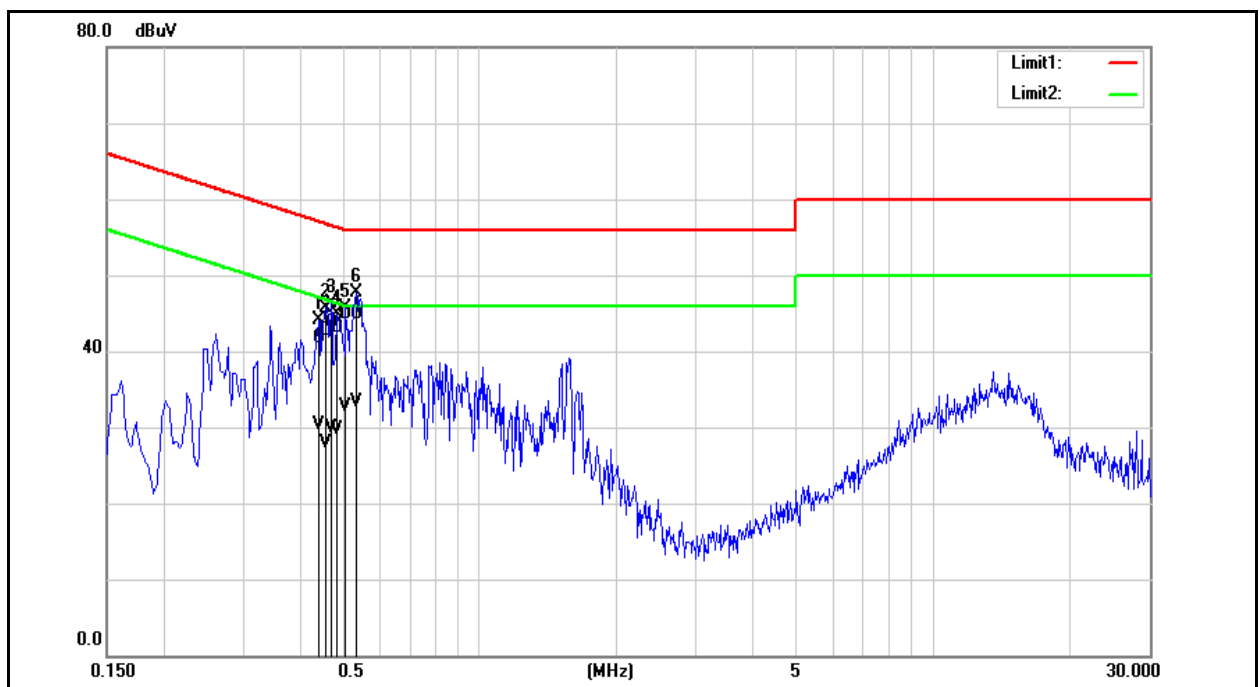
See section 2 – antenna information.

5 Test Results

Annex A. Conducted Emission

SYSTEM 2 Full			
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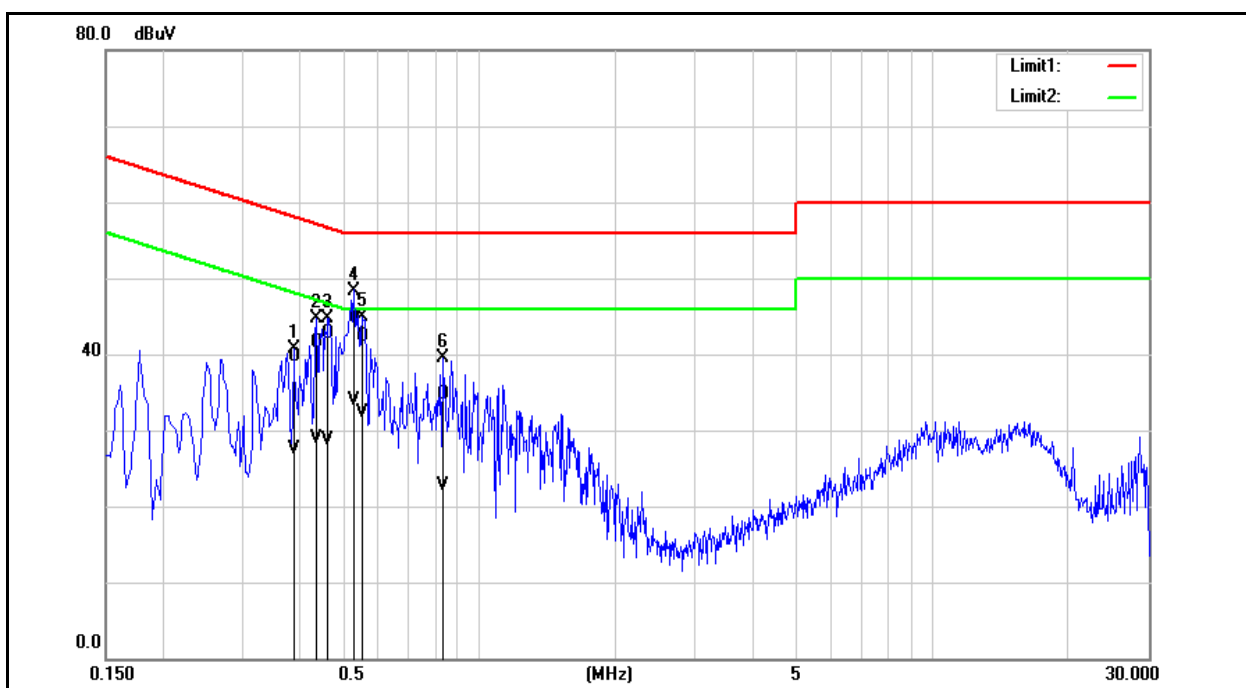
Standard:	FCC Part 15.247	Line:	L1
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.4420	32.05	20.67	9.66	41.71	30.33	57.02	47.02	-15.31	-16.69	Pass
2	0.4580	33.05	18.15	9.66	42.71	27.81	56.73	46.73	-14.02	-18.92	Pass
3	0.4700	34.01	20.34	9.66	43.67	30.00	56.51	46.51	-12.84	-16.51	Pass
4	0.4820	33.52	19.95	9.66	43.18	29.61	56.30	46.30	-13.12	-16.69	Pass
5	0.5060	35.26	22.95	9.66	44.92	32.61	56.00	46.00	-11.08	-13.39	Pass
6	0.5340	35.15	23.67	9.66	44.81	33.33	56.00	46.00	-11.19	-12.67	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 15.247	Line:	N
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Description:			

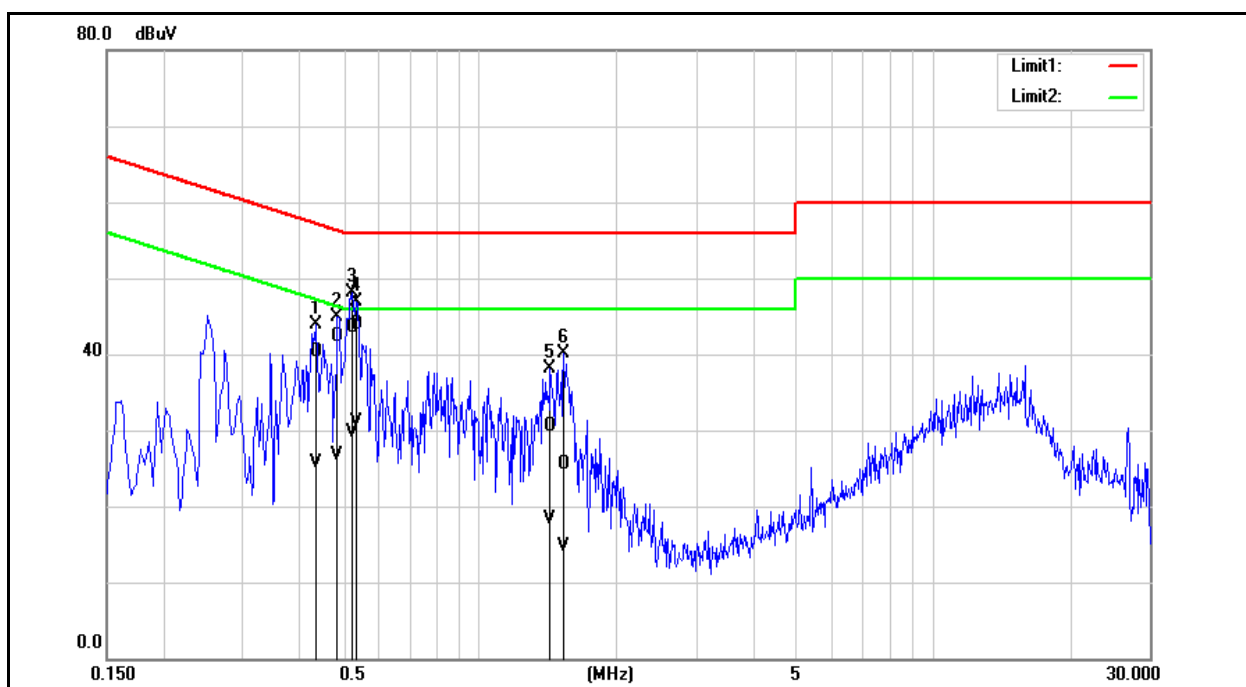


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.3900	29.93	17.88	9.68	39.61	27.56	58.06	48.06	-18.45	-20.50	Pass
2	0.4380	31.85	19.25	9.69	41.54	28.94	57.10	47.10	-15.56	-18.16	Pass
3	0.4660	33.01	19.02	9.69	42.70	28.71	56.58	46.58	-13.88	-17.87	Pass
4	0.5300	35.26	24.17	9.69	44.95	33.86	56.00	46.00	-11.05	-12.14	Pass
5	0.5540	32.62	22.56	9.69	42.31	32.25	56.00	46.00	-13.69	-13.75	Pass
6	0.8340	24.96	12.97	9.70	34.66	22.67	56.00	46.00	-21.34	-23.33	Pass

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

SYSTEM 1 Basic

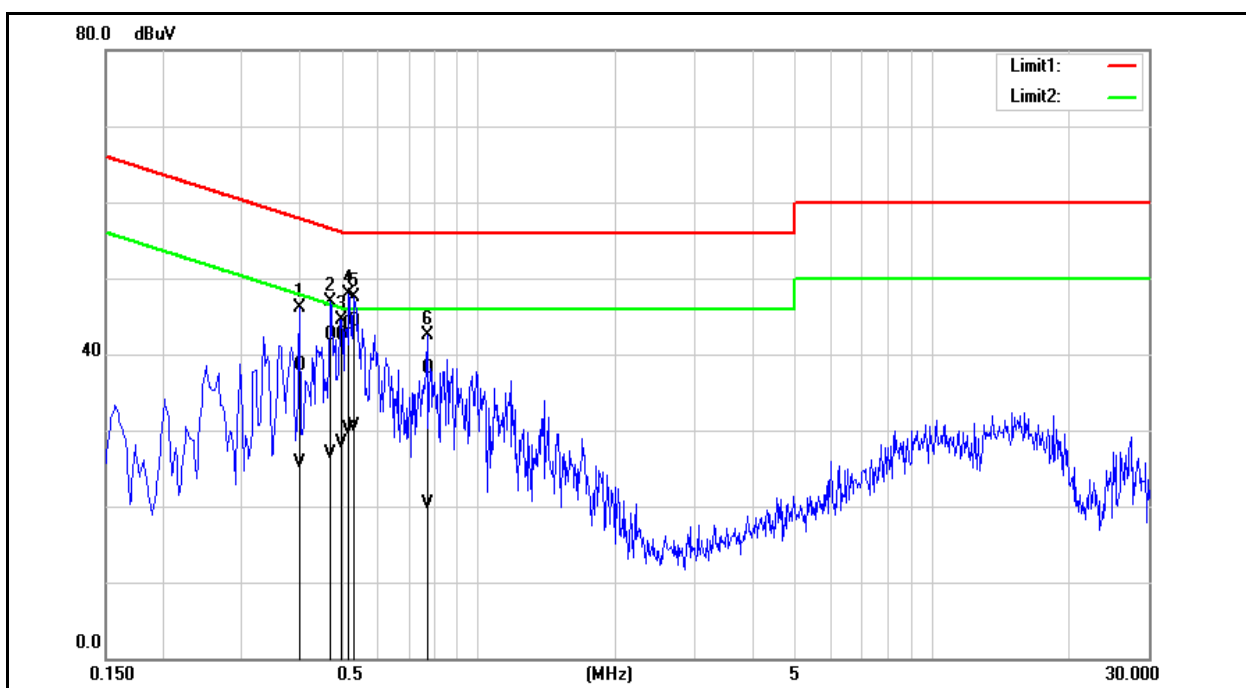
Standard:	FCC Part 15.247	Line:	L1
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.4340	30.74	16.05	9.66	40.40	25.71	57.18	47.18	-16.78	-21.47	Pass
2	0.4860	32.62	17.05	9.66	42.28	26.71	56.24	46.24	-13.96	-19.53	Pass
3	0.5220	33.78	19.96	9.66	43.44	29.62	56.00	46.00	-12.56	-16.38	Pass
4	0.5340	34.15	21.44	9.66	43.81	31.10	56.00	46.00	-12.19	-14.90	Pass
5	1.4300	20.86	8.62	9.70	30.56	18.32	56.00	46.00	-25.44	-27.68	Pass
6	1.5340	15.79	5.05	9.70	25.49	14.75	56.00	46.00	-30.51	-31.25	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 15.247	Line:	N
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Mode:	Mode 1	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.4020	28.80	15.93	9.68	38.48	25.61	57.81	47.81	-19.33	-22.20	Pass
2	0.4700	32.81	17.14	9.69	42.50	26.83	56.51	46.51	-14.01	-19.68	Pass
3	0.4980	32.87	18.58	9.69	42.56	28.27	56.03	46.03	-13.47	-17.76	Pass
4	0.5180	34.21	20.36	9.69	43.90	30.05	56.00	46.00	-12.10	-15.95	Pass
5	0.5300	34.56	20.83	9.69	44.25	30.52	56.00	46.00	-11.75	-15.48	Pass
6	0.7700	28.47	10.69	9.70	38.17	20.39	56.00	46.00	-17.83	-25.61	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. Conducted Test Results

SYSTEM 2 Full

Maximum Conducted Output Power Measurement

ANT-0					
Test Mode	Frequency (MHz)	Data Rate	Average Output Power		
			Measurement Results		Limit
			dBm	W	dBm
Mode 2	2412	1 M	19.38	0.087	≤ 30
	2437		19.76	0.095	≤ 30
	2462		18.92	0.078	≤ 30
	2467		17.88	0.061	≤ 30
	2472		14.78	0.030	≤ 30
Mode 3	2412	6 M	16.87	0.049	≤ 30
	2437		19.71	0.094	≤ 30
	2462		14.82	0.030	≤ 30
	2467		13.81	0.024	≤ 30
	2472		11.81	0.015	≤ 30
Mode 4	2412	6.5 M	16.81	0.048	≤ 30
	2437		19.69	0.093	≤ 30
	2462		16.77	0.048	≤ 30
	2467		14.16	0.026	≤ 30
	2472		12.41	0.017	≤ 30
Mode 5	2422	13.5 M	16.11	0.041	≤ 30
	2437		16.71	0.047	≤ 30
	2452		15.31	0.034	≤ 30
	2457		12.98	0.020	≤ 30
	2462		12.41	0.017	≤ 30

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

ANT-0								
Test Mode	Data Rate (Mbps)	CH	Frequency (MHz)	RU Type	RU NO.	Average Output Power		Limit
						dBm	W	dBm
Mode 6	MCS 0	1	2412	242	1	16.73	0.047	≤ 30
		6	2437	242	1	19.11	0.081	≤ 30
		11	2462	242	1	16.36	0.043	≤ 30
		12	2467	242	1	14.82	0.030	≤ 30
		13	2472	242	1	11.82	0.015	≤ 30
Mode 7	MCS 0	3	2422	484	1	16.71	0.047	≤ 30
		6	2437	484	1	16.17	0.041	≤ 30
		9	2452	484	1	14.83	0.030	≤ 30
		10	2457	484	1	12.46	0.018	≤ 30
		11	2462	484	1	11.88	0.015	≤ 30

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

ANT-1					
Test Mode	Frequency (MHz)	Data Rate	Average Output Power		
			Measurement Results		Limit
			dBm	W	dBm
Mode 2	2412	1 M	19.22	0.084	≤ 30
	2437		20.18	0.104	≤ 30
	2462		18.90	0.078	≤ 30
	2467		16.79	0.048	≤ 30
	2472		14.32	0.027	≤ 30
Mode 3	2412	6 M	16.91	0.049	≤ 30
	2437		19.88	0.097	≤ 30
	2462		14.72	0.030	≤ 30
	2467		13.85	0.024	≤ 30
	2472		11.88	0.015	≤ 30
Mode 4	2412	6.5 M	16.91	0.049	≤ 30
	2437		19.87	0.097	≤ 30
	2462		16.77	0.048	≤ 30
	2467		14.81	0.030	≤ 30
	2472		11.74	0.015	≤ 30
Mode 5	2422	13.5 M	16.43	0.044	≤ 30
	2437		16.81	0.048	≤ 30
	2452		15.14	0.033	≤ 30
	2457		12.22	0.017	≤ 30
	2462		11.87	0.015	≤ 30

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

ANT-1								
Test Mode	Data Rate (Mbps)	CH	Frequency (MHz)	RU Type	RU NO.	Average Output Power		Limit
						dBm	W	dBm
Mode 6	MCS 0	1	2412	242	1	16.82	0.048	≤ 30
		6	2437	242	1	19.34	0.086	≤ 30
		11	2462	242	1	16.23	0.042	≤ 30
		12	2467	242	1	11.24	0.013	≤ 30
		13	2472	242	1	11.29	0.013	≤ 30
Mode 7	MCS 0	3	2422	484	1	16.76	0.047	≤ 30
		6	2437	484	1	16.37	0.043	≤ 30
		9	2452	484	1	14.61	0.029	≤ 30
		10	2457	484	1	12.22	0.017	≤ 30
		11	2462	484	1	11.91	0.016	≤ 30

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

SYSTEM 1 Basic

Maximum Conducted Output Power Measurement

ANT-0					
Test Mode	Frequency (MHz)	Data Rate	Average Output Power		
			Measurement Results		Limit
			dBm	W	dBm
Mode 2	2412	1 M	19.38	0.087	≤ 30
	2437		19.81	0.096	≤ 30
	2462		18.92	0.078	≤ 30
	2467		17.88	0.061	≤ 30
	2472		14.78	0.030	≤ 30
Mode 3	2412	6 M	16.87	0.049	≤ 30
	2437		19.71	0.094	≤ 30
	2462		14.82	0.030	≤ 30
	2467		13.81	0.024	≤ 30
	2472		11.81	0.015	≤ 30
Mode 4	2412	6.5 M	16.81	0.048	≤ 30
	2437		19.69	0.093	≤ 30
	2462		16.77	0.048	≤ 30
	2467		14.16	0.026	≤ 30
	2472		12.41	0.017	≤ 30
Mode 5	2422	13.5 M	16.11	0.041	≤ 30
	2437		16.71	0.047	≤ 30
	2452		15.31	0.034	≤ 30
	2457		12.98	0.020	≤ 30
	2462		12.41	0.017	≤ 30

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

ANT-0								
Test Mode	Data Rate (Mbps)	CH	Frequency (MHz)	RU Type	RU NO.	Average Output Power		Limit
						dBm	W	dBm
Mode 6	MCS 0	1	2412	242	1	16.73	0.047	≤ 30
		6	2437	242	1	19.11	0.081	≤ 30
		11	2462	242	1	16.36	0.043	≤ 30
		12	2467	242	1	14.82	0.030	≤ 30
		13	2472	242	1	11.82	0.015	≤ 30
Mode 7	MCS 0	3	2422	484	1	16.71	0.047	≤ 30
		6	2437	484	1	16.17	0.041	≤ 30
		9	2452	484	1	14.83	0.030	≤ 30
		10	2457	484	1	12.46	0.018	≤ 30
		11	2462	484	1	11.88	0.015	≤ 30

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

ANT-1					
Test Mode	Frequency (MHz)	Data Rate	Average Output Power		
			Measurement Results		Limit
			dBm	W	dBm
Mode 2	2412	1 M	15.31	0.034	≤ 30
	2437		15.35	0.034	≤ 30
	2462		15.32	0.034	≤ 30
	2467		15.29	0.034	≤ 30
	2472		14.32	0.027	≤ 30
Mode 3	2412	6 M	15.38	0.035	≤ 30
	2437		15.41	0.035	≤ 30
	2462		14.72	0.030	≤ 30
	2467		13.85	0.024	≤ 30
	2472		11.88	0.015	≤ 30
Mode 4	2412	6.5 M	15.37	0.034	≤ 30
	2437		15.41	0.035	≤ 30
	2462		15.27	0.034	≤ 30
	2467		14.81	0.030	≤ 30
	2472		11.74	0.015	≤ 30
Mode 5	2422	13.5 M	15.31	0.034	≤ 30
	2437		15.43	0.035	≤ 30
	2452		15.14	0.033	≤ 30
	2457		12.22	0.017	≤ 30
	2462		11.87	0.015	≤ 30

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

ANT-1								
Test Mode	Data Rate (Mbps)	CH	Frequency (MHz)	RU Type	RU NO.	Average Output Power		Limit
						dBm	W	dBm
Mode 6	MCS 0	1	2412	242	1	15.32	0.034	≤ 30
		6	2437	242	1	15.34	0.034	≤ 30
		11	2462	242	1	15.23	0.033	≤ 30
		12	2467	242	1	11.24	0.013	≤ 30
		13	2472	242	1	11.29	0.013	≤ 30
Mode 7	MCS 0	3	2422	484	1	15.26	0.034	≤ 30
		6	2437	484	1	15.12	0.033	≤ 30
		9	2452	484	1	14.61	0.029	≤ 30
		10	2457	484	1	12.22	0.017	≤ 30
		11	2462	484	1	11.91	0.016	≤ 30

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

Annex C. Radiated Emission Measurement

SYSTEM 2 Full

Below 1 GHz

Standard:	FCC Part 15.247			Test Distance:	3 m		
Test item:	Radiated Emission			Power:	AC 120 V/60 Hz		
Frequency:	2462 MHz			Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH		
Mode:	Mode 4						
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
36.7900	39.51	-7.28	32.23	40.00	-7.77	QP	H
222.0600	47.51	-7.30	40.21	46.00	-5.79	QP	H
411.2100	42.37	-1.99	40.38	46.00	-5.62	QP	H
637.2200	36.59	2.66	39.25	46.00	-6.75	QP	H
680.8700	34.81	3.26	38.07	46.00	-7.93	QP	H
874.8700	30.29	6.89	37.18	46.00	-8.82	QP	H
32.9100	45.71	-7.60	38.11	40.00	-1.89	QP	V
115.3600	45.90	-9.15	36.75	43.50	-6.75	QP	V
173.5600	44.13	-6.36	37.77	43.50	-5.73	QP	V
411.2100	40.69	-1.99	38.70	46.00	-7.30	QP	V
514.0300	39.48	-0.07	39.41	46.00	-6.59	QP	V
875.8400	34.13	6.92	41.05	46.00	-4.95	QP	V

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

Example: 32.23=-7.28+39.51.

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

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

Standard:		FCC Part 15.247		Test Distance:		3 m	
Test item:		Radiated Emission		Power:		AC 120 V/60 Hz	
Frequency:		2462 MHz		Temp.(°C)/Hum.(%RH):		26(°C)/60 %RH	
Mode:		Mode 6					
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
31.9400	39.78	-7.64	32.14	40.00	-7.86	QP	H
176.4700	44.30	-6.61	37.69	43.50	-5.81	QP	H
241.4600	44.93	-6.32	38.61	46.00	-7.39	QP	H
522.7600	40.10	0.11	40.21	46.00	-5.79	QP	H
650.8000	36.33	2.81	39.14	46.00	-6.86	QP	H
830.2500	30.13	6.06	36.19	46.00	-9.81	QP	H
31.9400	45.51	-7.64	37.87	40.00	-2.13	QP	V
112.4500	46.39	-9.41	36.98	43.50	-6.52	QP	V
221.0900	46.46	-7.33	39.13	46.00	-6.87	QP	V
565.4400	37.14	1.17	38.31	46.00	-7.69	QP	V
818.6100	32.03	5.91	37.94	46.00	-8.06	QP	V
874.8700	32.07	6.89	38.96	46.00	-7.04	QP	V

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

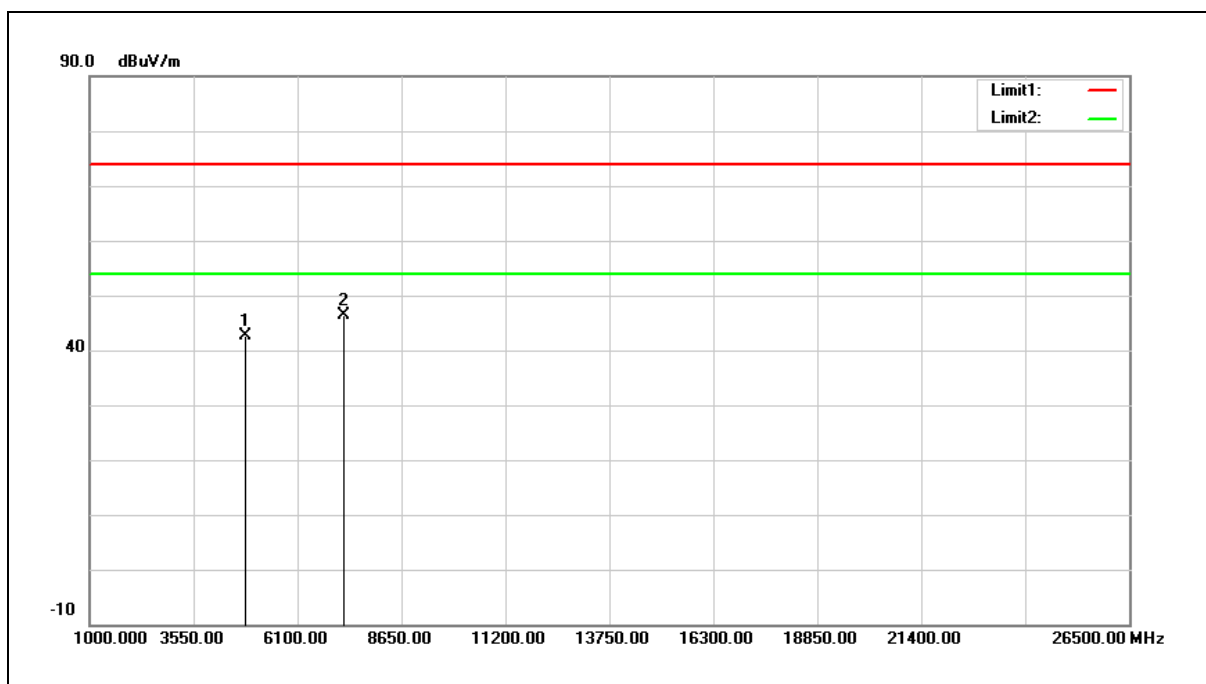
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Harmonic

Above 1 GHz

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	36.63	5.88	42.51	74.00	-31.49	peak
2	7236.000	33.86	12.42	46.28	74.00	-27.72	peak

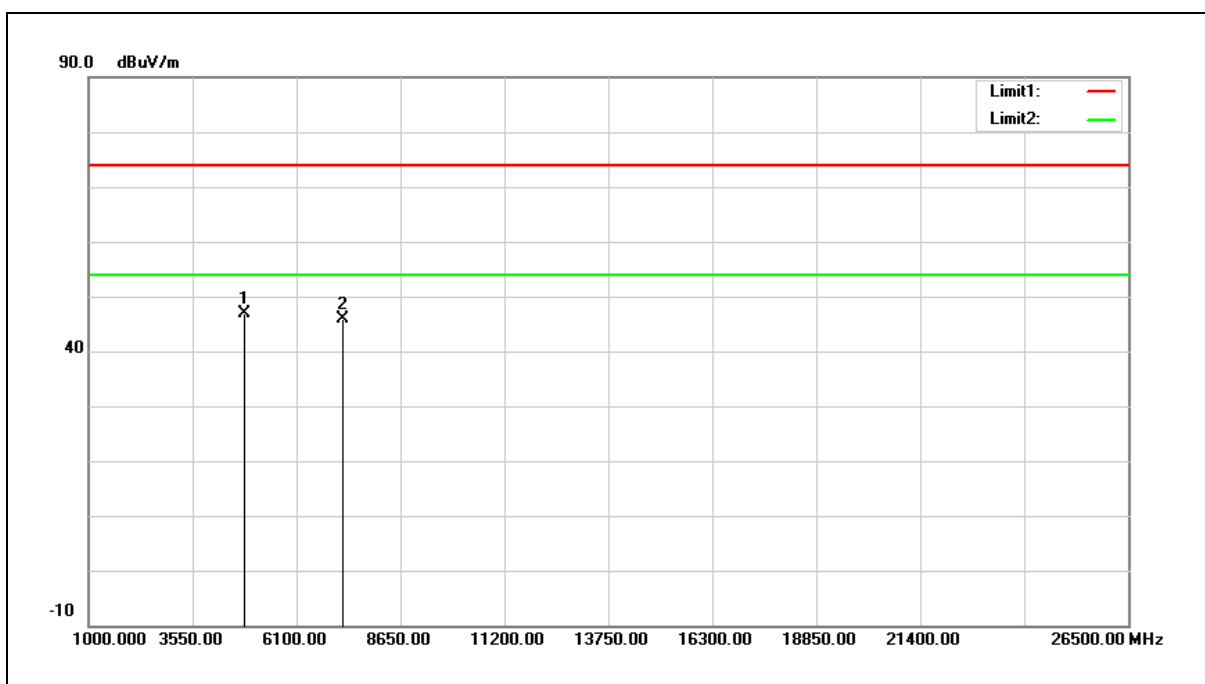
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: 42.51 = 5.88 + 36.63.

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	40.90	5.88	46.78	74.00	-27.22	peak
2	7236.000	33.58	12.42	46.00	74.00	-28.00	peak

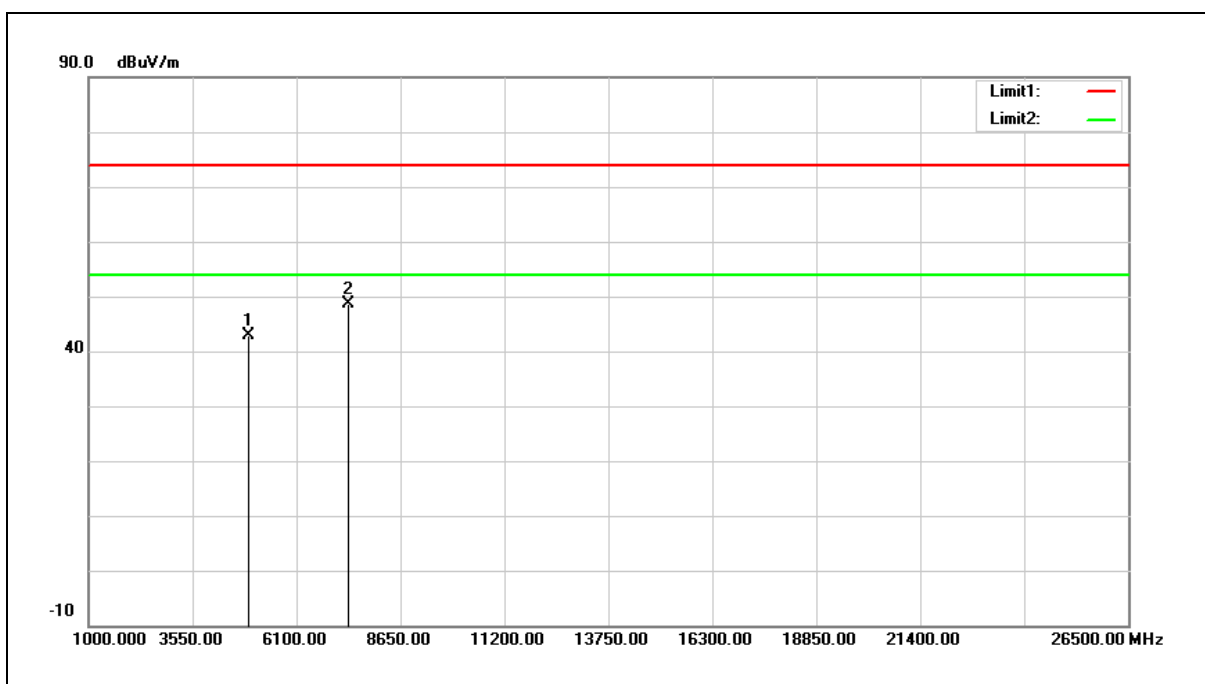
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

Example: $46.78 = 5.88 + 40.90$.

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



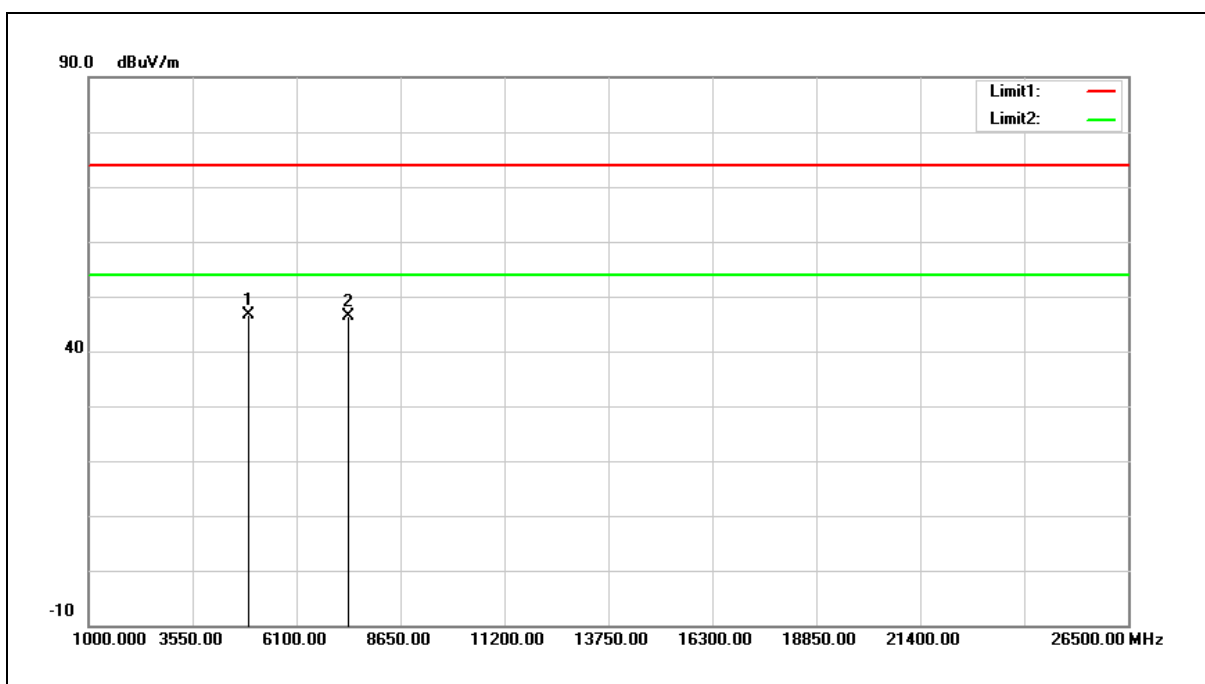
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	36.77	6.18	42.95	74.00	-31.05	peak
2	7386.000	35.63	12.93	48.56	74.00	-25.44	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



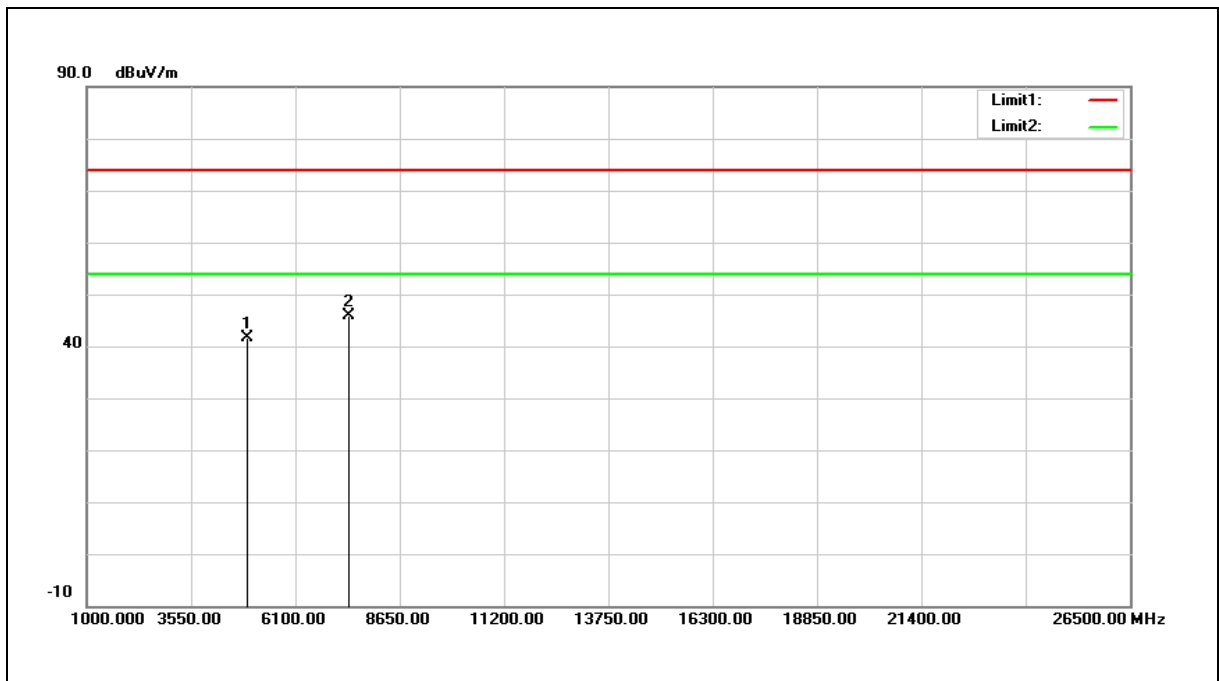
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	40.33	6.18	46.51	74.00	-27.49	peak
2	7386.000	33.43	12.93	46.36	74.00	-27.64	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



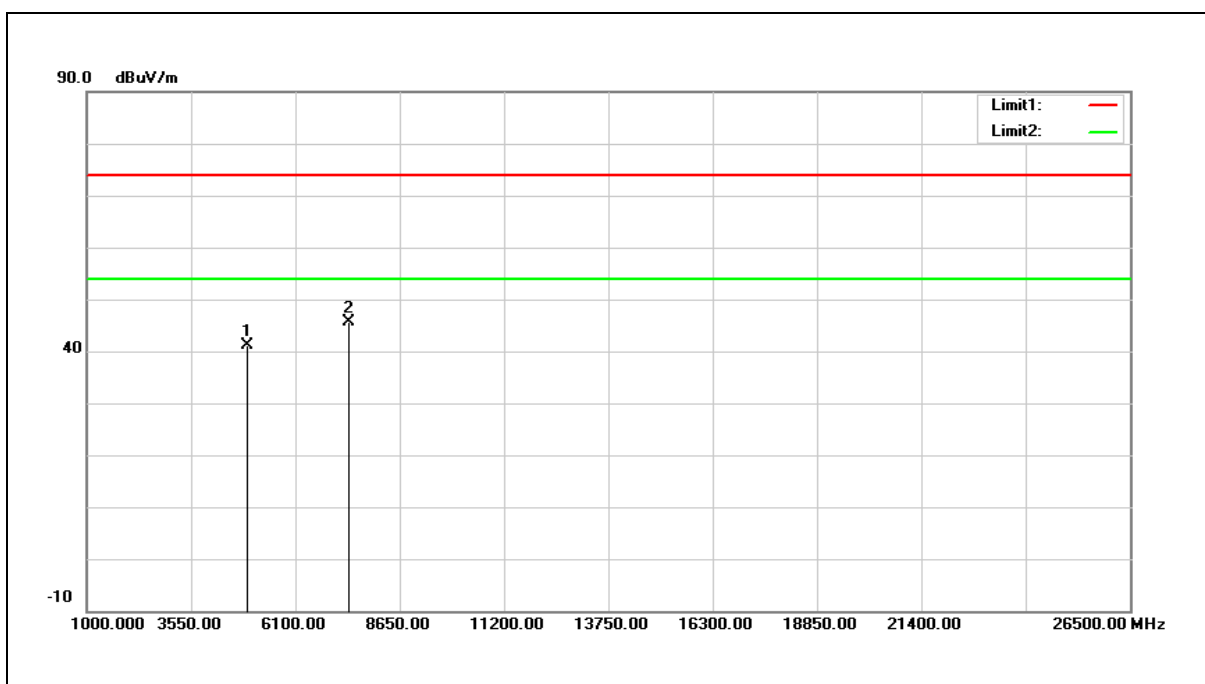
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4934.000	35.31	6.30	41.61	74.00	-32.39	peak
2	7401.000	32.78	13.04	45.82	74.00	-28.18	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



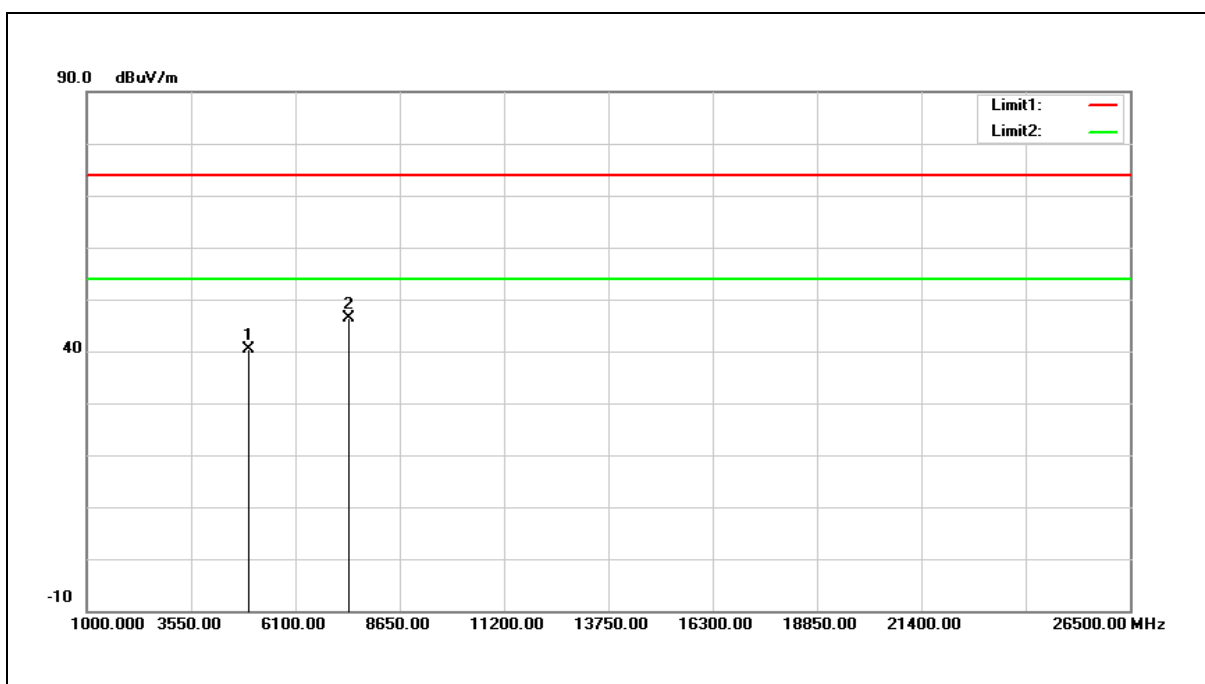
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4934.000	34.88	6.30	41.18	74.00	-32.82	peak
2	7401.000	32.61	13.04	45.65	74.00	-28.35	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



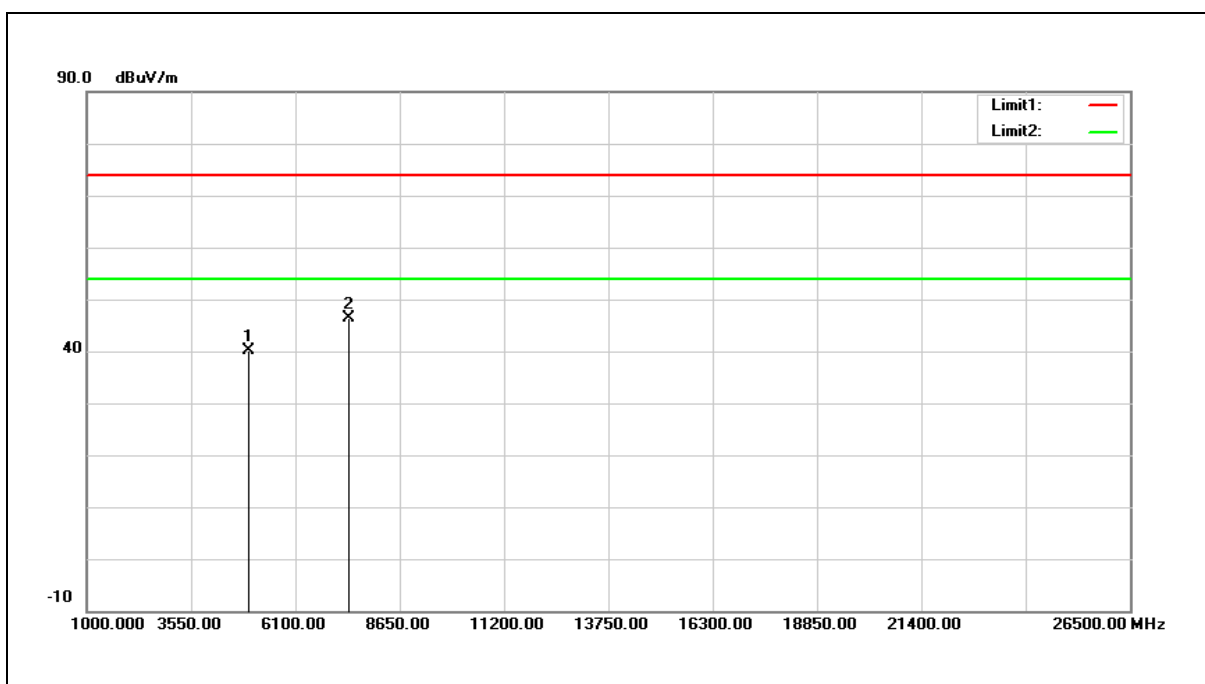
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4944.000	33.98	6.34	40.32	74.00	-33.68	peak
2	7416.000	33.16	13.10	46.26	74.00	-27.74	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



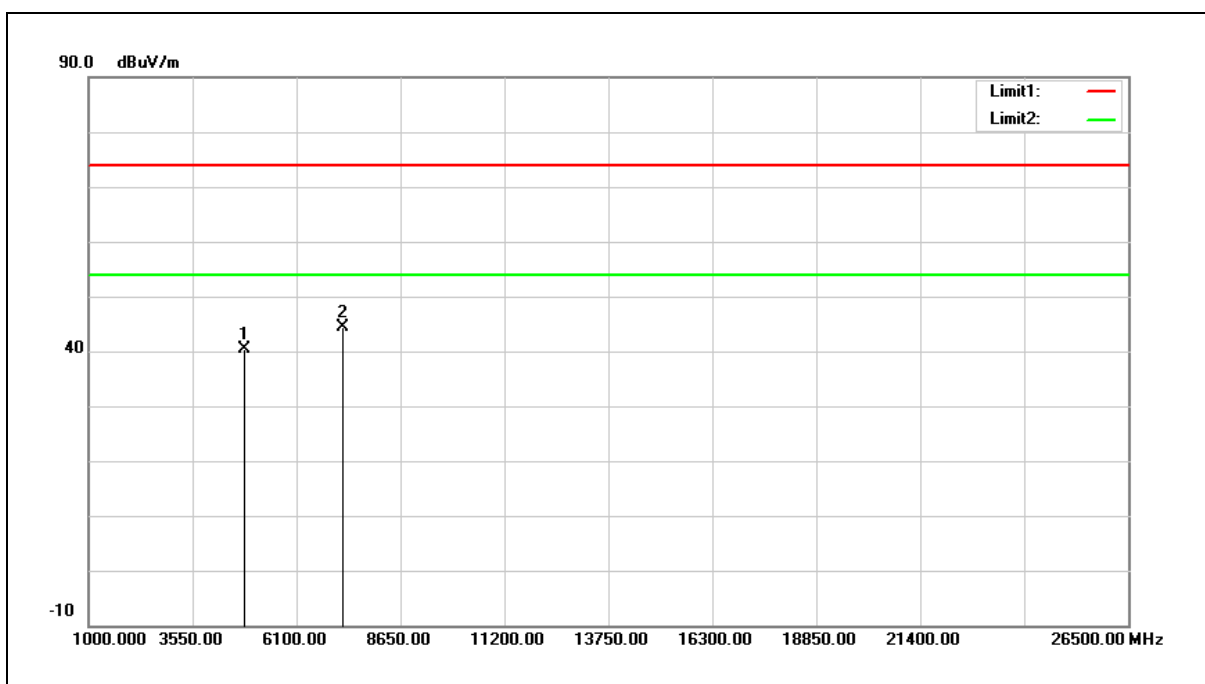
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4944.000	33.90	6.34	40.24	74.00	-33.76	peak
2	7416.000	33.26	13.10	46.36	74.00	-27.64	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



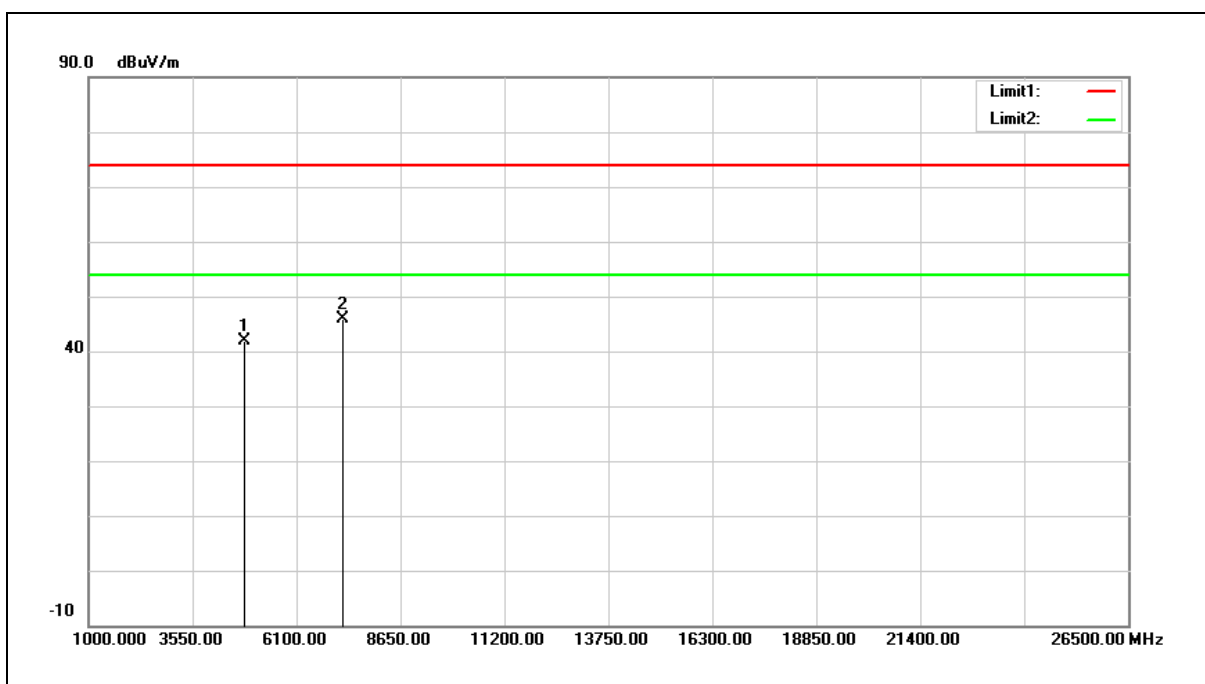
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	34.58	5.88	40.46	74.00	-33.54	peak
2	7236.000	31.95	12.42	44.37	74.00	-29.63	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



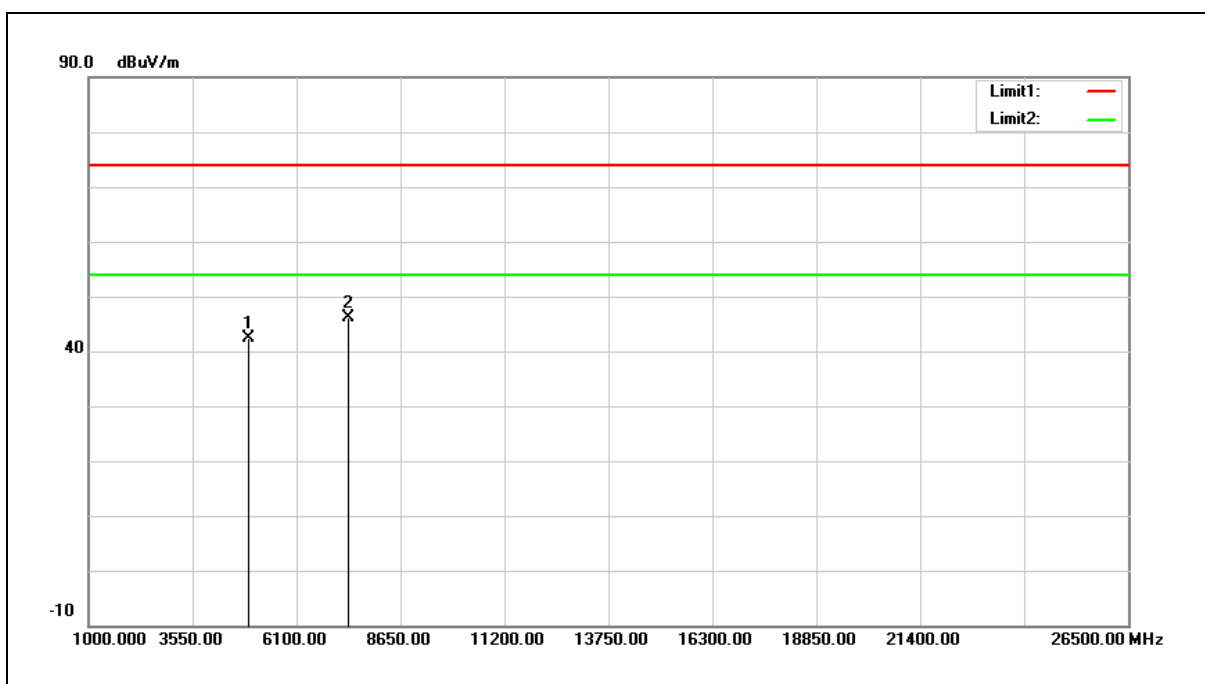
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	36.12	5.88	42.00	74.00	-32.00	peak
2	7236.000	33.48	12.42	45.90	74.00	-28.10	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



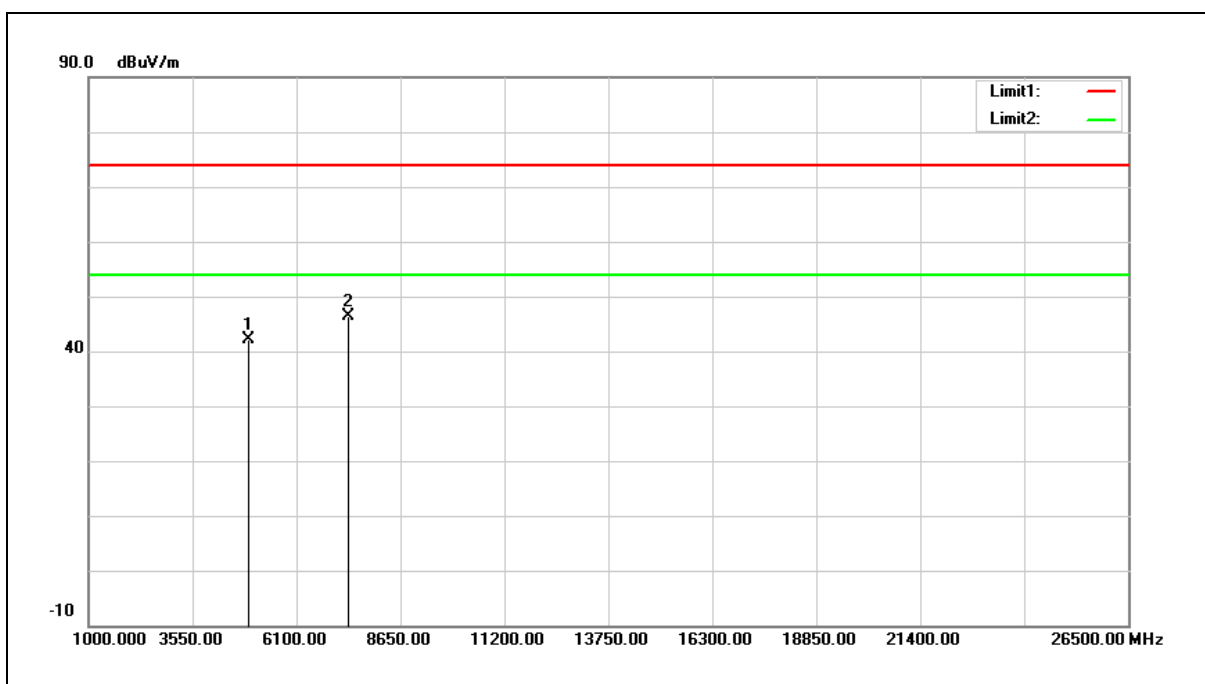
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	36.21	6.18	42.39	74.00	-31.61	peak
2	7386.000	33.32	12.93	46.25	74.00	-27.75	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



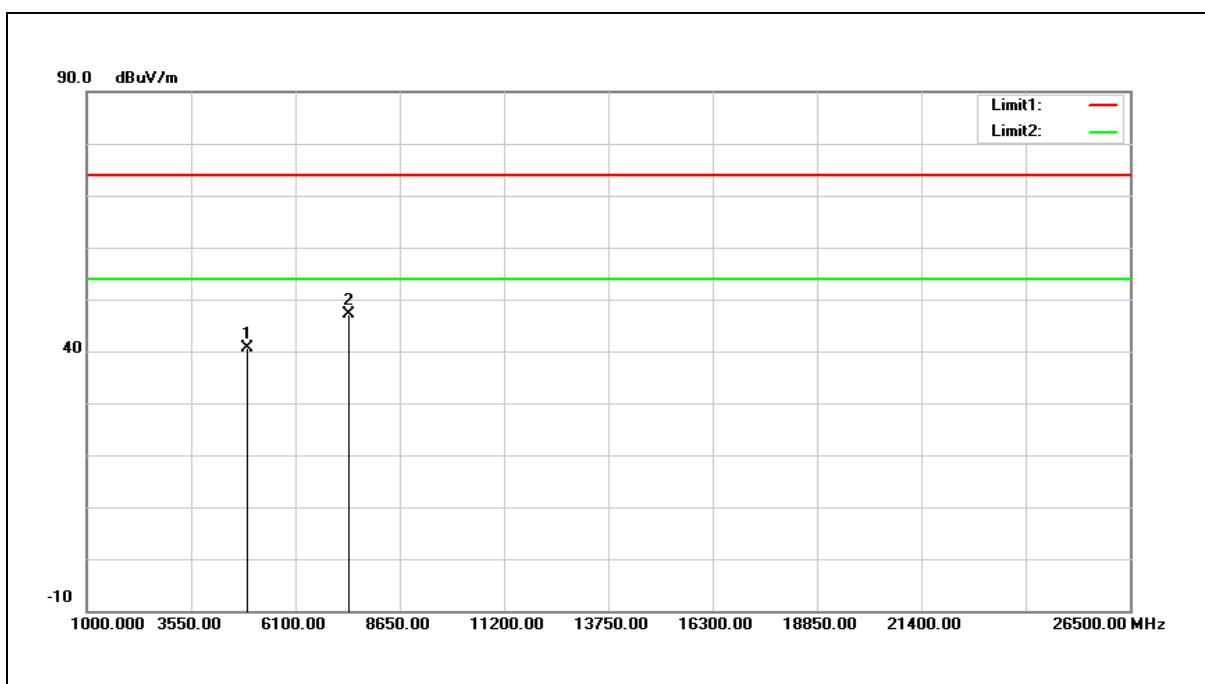
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	36.00	6.18	42.18	74.00	-31.82	peak
2	7386.000	33.52	12.93	46.45	74.00	-27.55	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



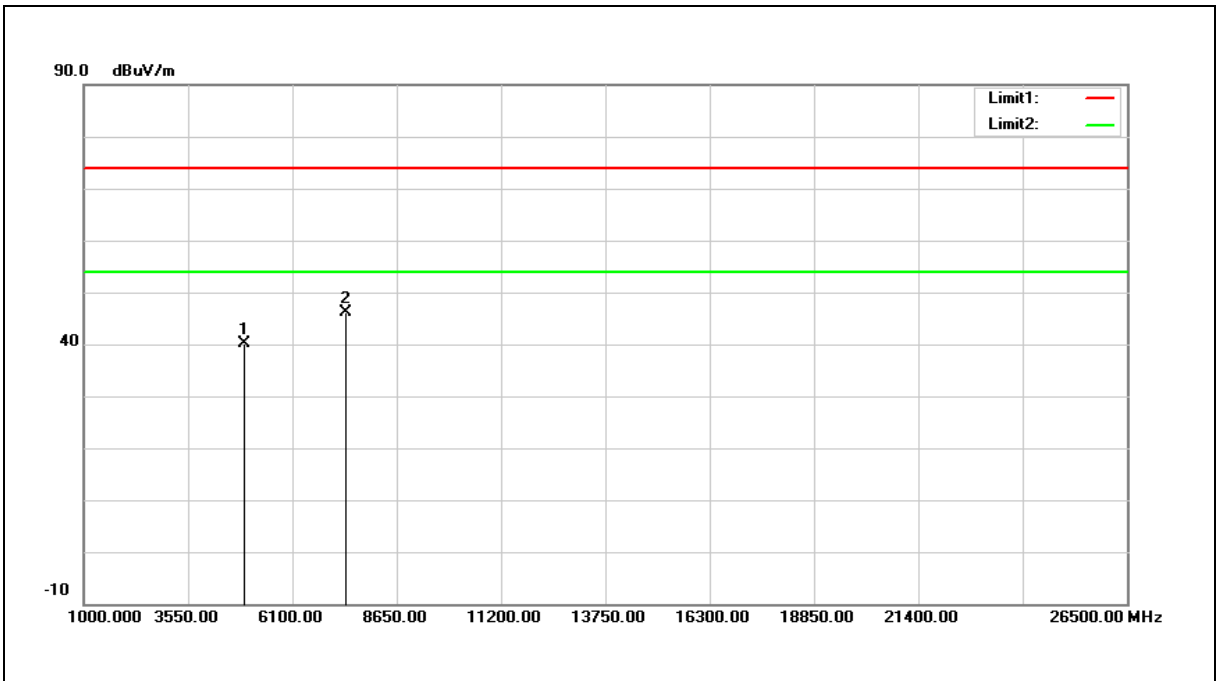
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4934.000	34.41	6.30	40.71	74.00	-33.29	peak
2	7401.000	34.04	13.04	47.08	74.00	-26.92	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



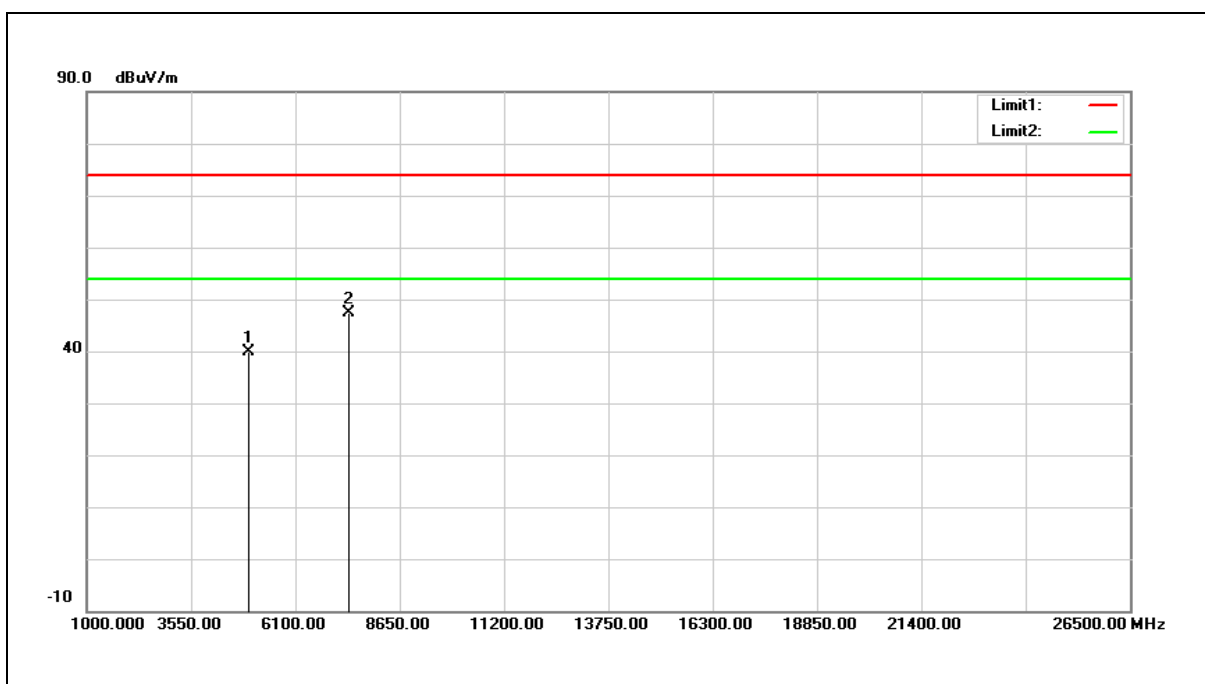
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4934.000	33.80	6.30	40.10	74.00	-33.90	peak
2	7401.000	32.99	13.04	46.03	74.00	-27.97	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



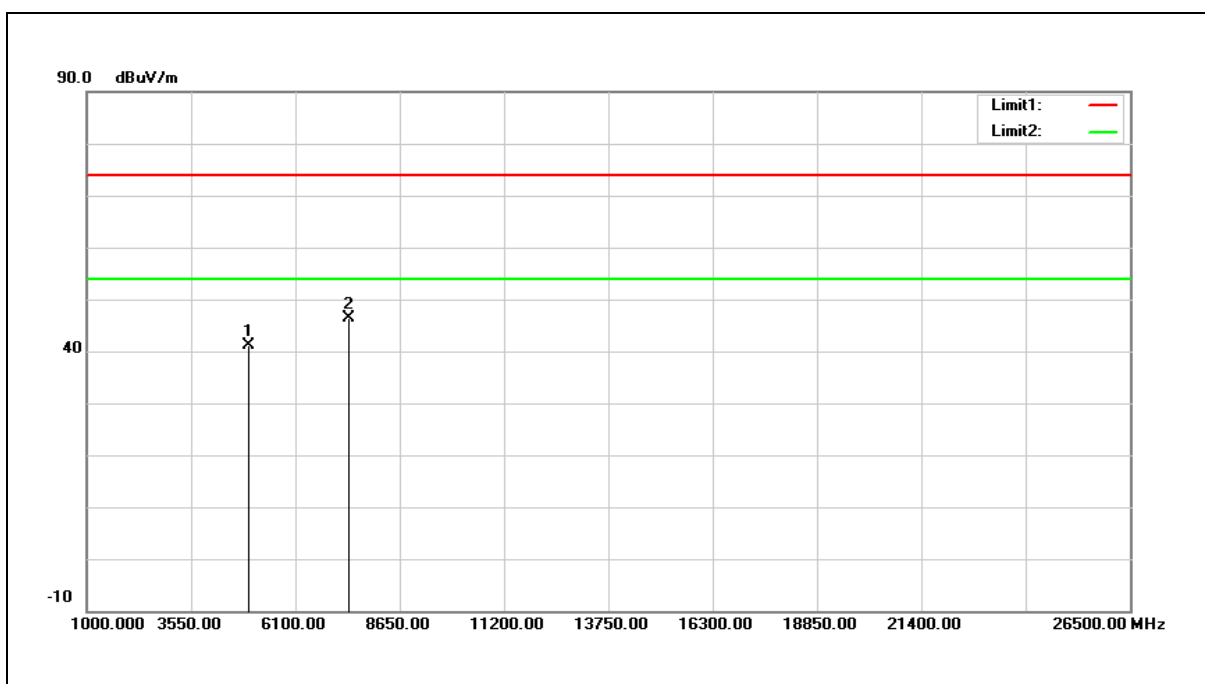
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4944.000	33.57	6.34	39.91	74.00	-34.09	peak
2	7416.000	34.30	13.10	47.40	74.00	-26.60	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



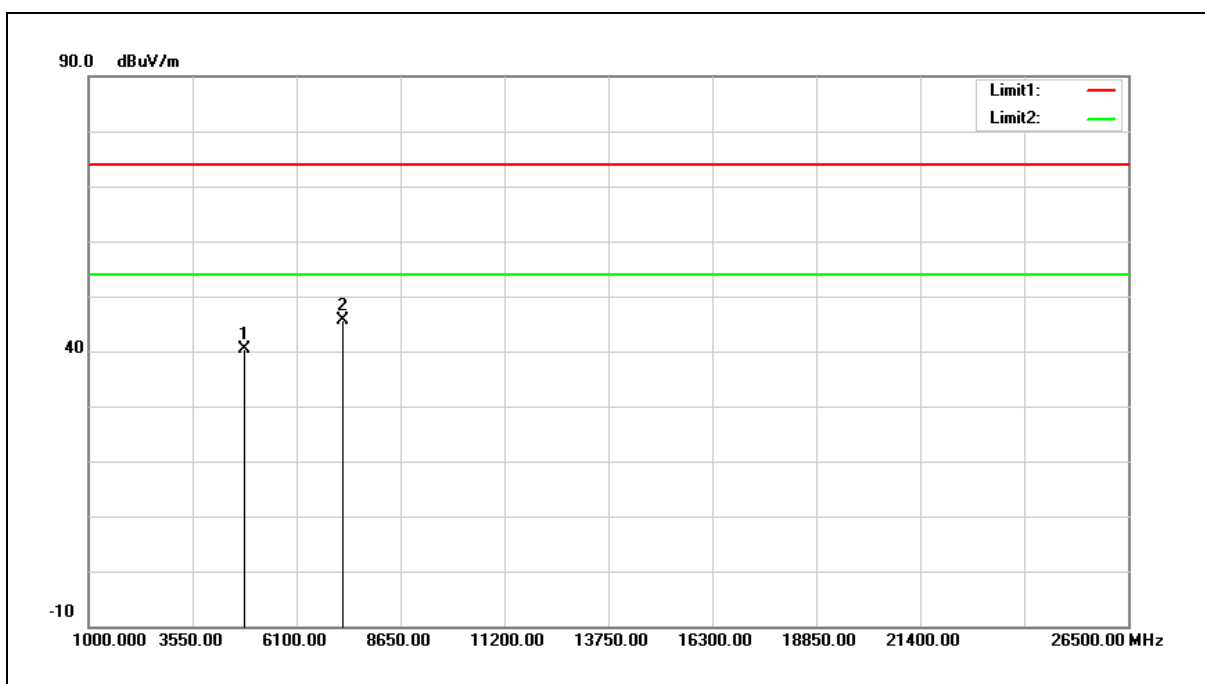
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4944.000	34.72	6.34	41.06	74.00	-32.94	peak
2	7416.000	33.34	13.10	46.44	74.00	-27.56	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



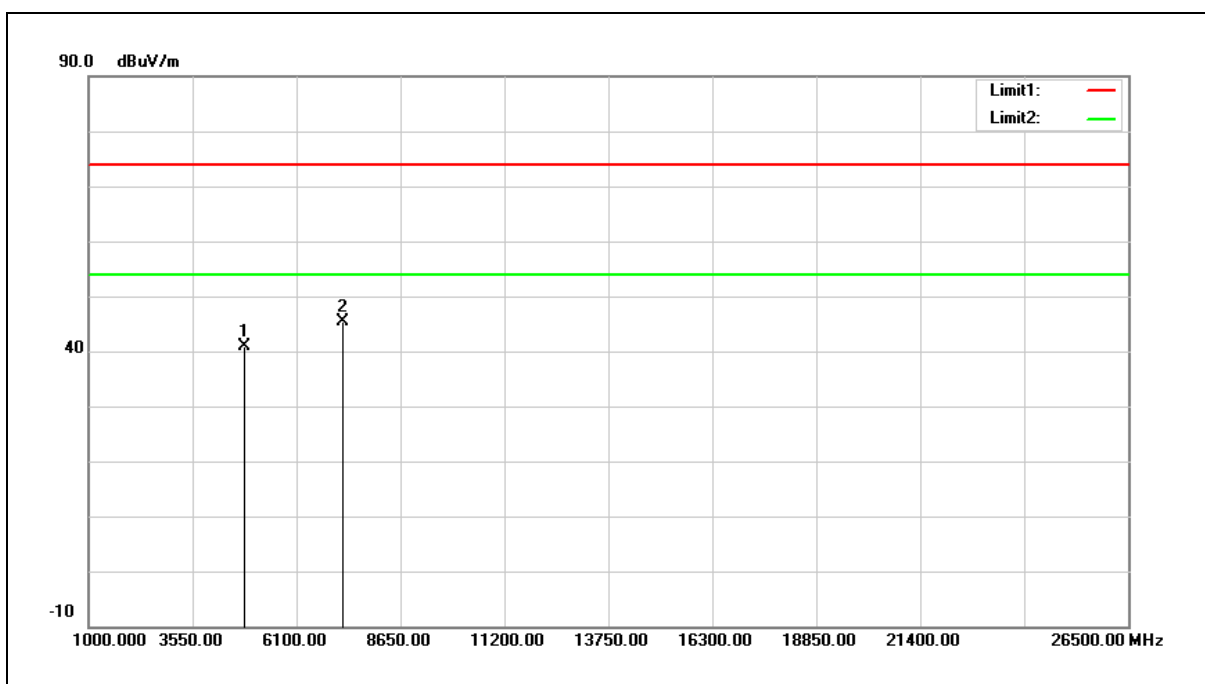
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	34.42	5.88	40.30	74.00	-33.70	peak
2	7236.000	33.16	12.42	45.58	74.00	-28.42	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



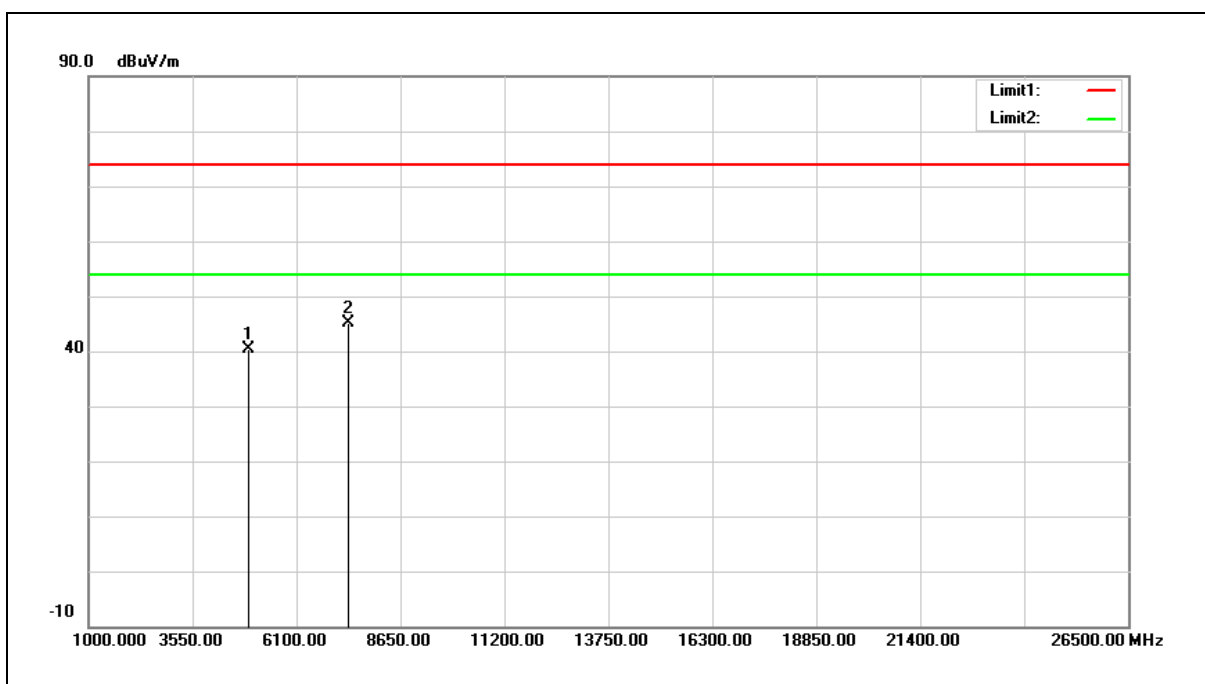
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	35.03	5.88	40.91	74.00	-33.09	peak
2	7236.000	33.03	12.42	45.45	74.00	-28.55	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



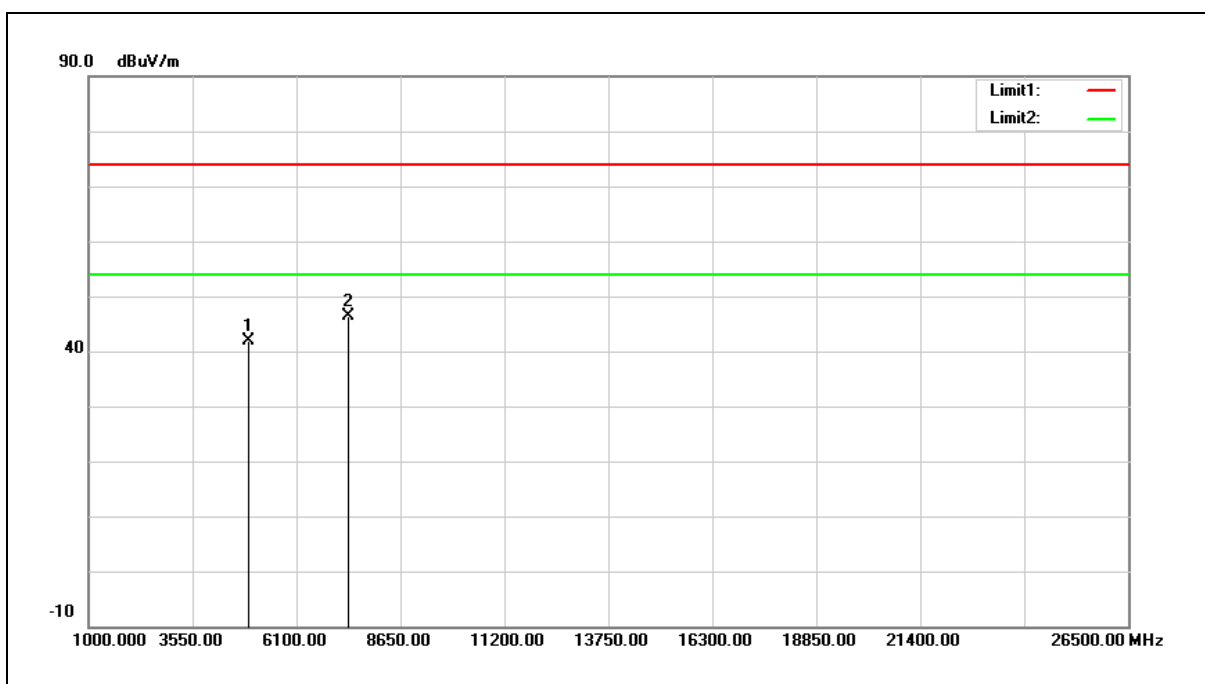
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	34.21	6.18	40.39	74.00	-33.61	peak
2	7386.000	32.30	12.93	45.23	74.00	-28.77	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



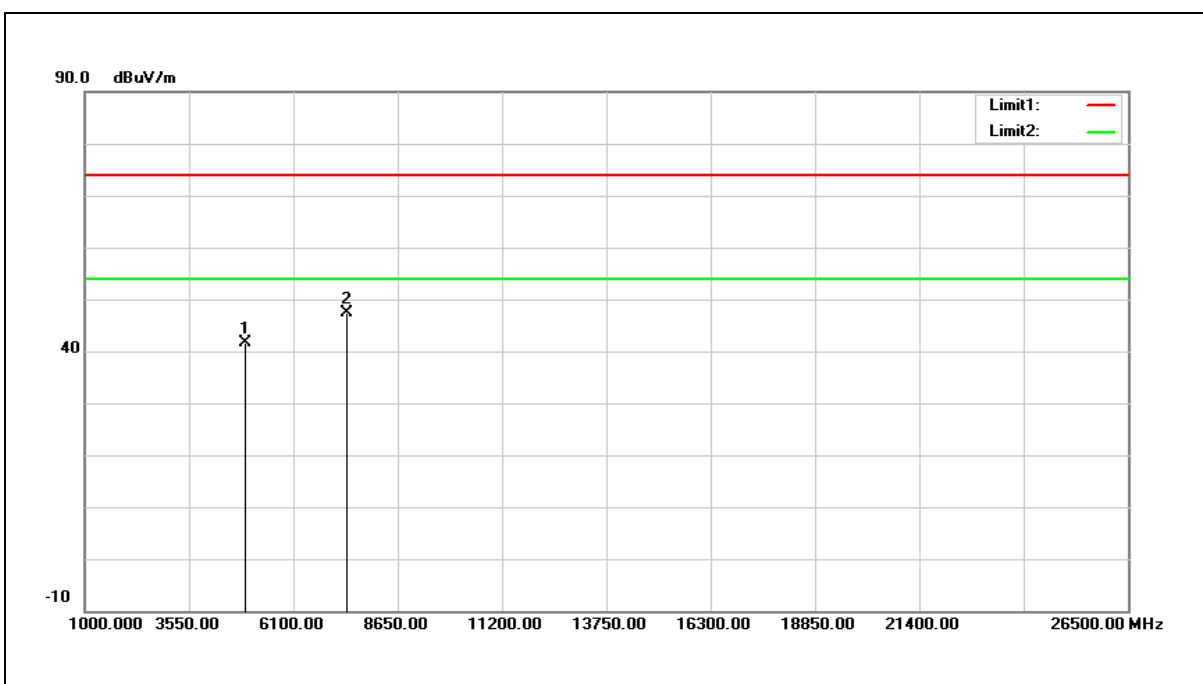
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	35.69	6.18	41.87	74.00	-32.13	peak
2	7386.000	33.54	12.93	46.47	74.00	-27.53	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



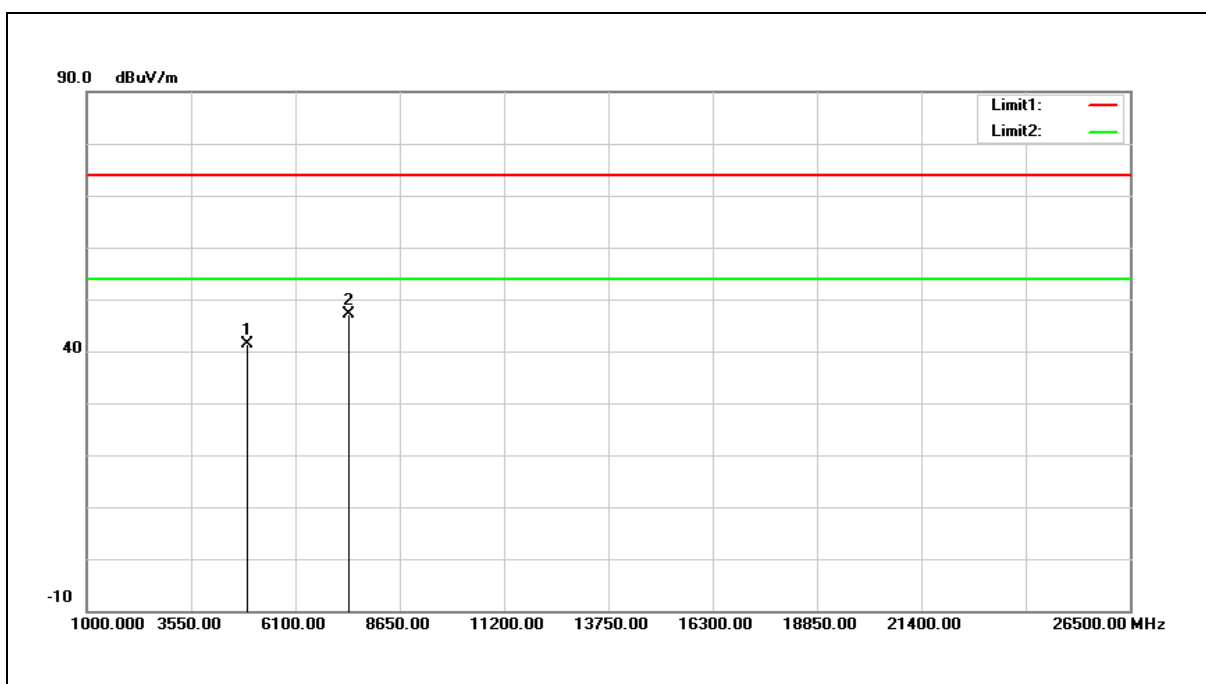
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4934.000	35.31	6.30	41.61	74.00	-32.39	peak
2	7401.000	34.31	13.04	47.35	74.00	-26.65	peak

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

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

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

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



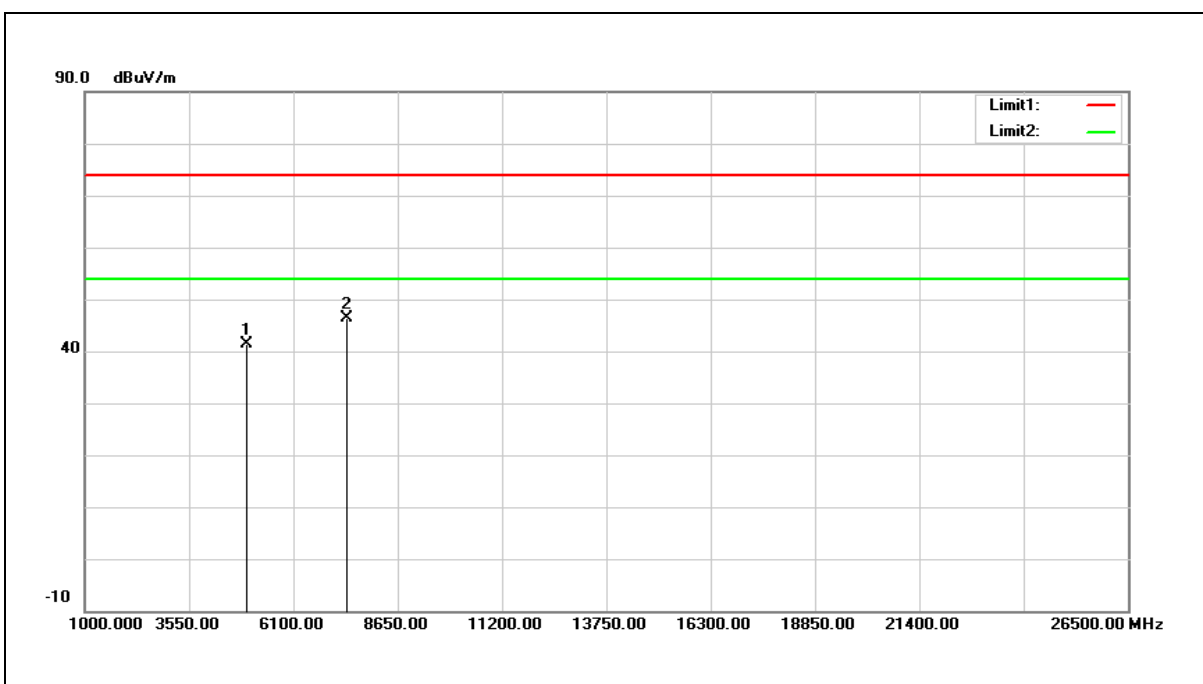
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4934.000	35.07	6.30	41.37	74.00	-32.63	peak
2	7401.000	34.07	13.04	47.11	74.00	-26.89	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



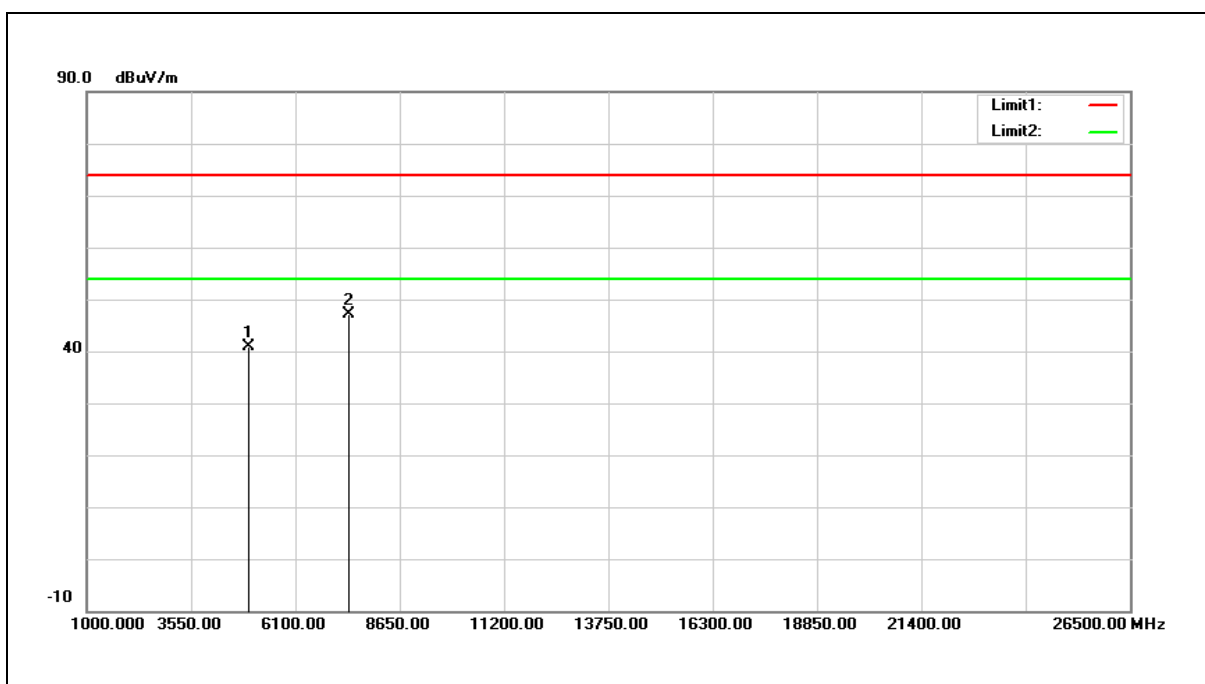
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4944.000	35.00	6.34	41.34	74.00	-32.66	peak
2	7416.000	33.24	13.10	46.34	74.00	-27.66	peak

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 15.247	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4944.000	34.56	6.34	40.90	74.00	-33.10	peak
2	7416.000	33.97	13.10	47.07	74.00	-26.93	peak

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

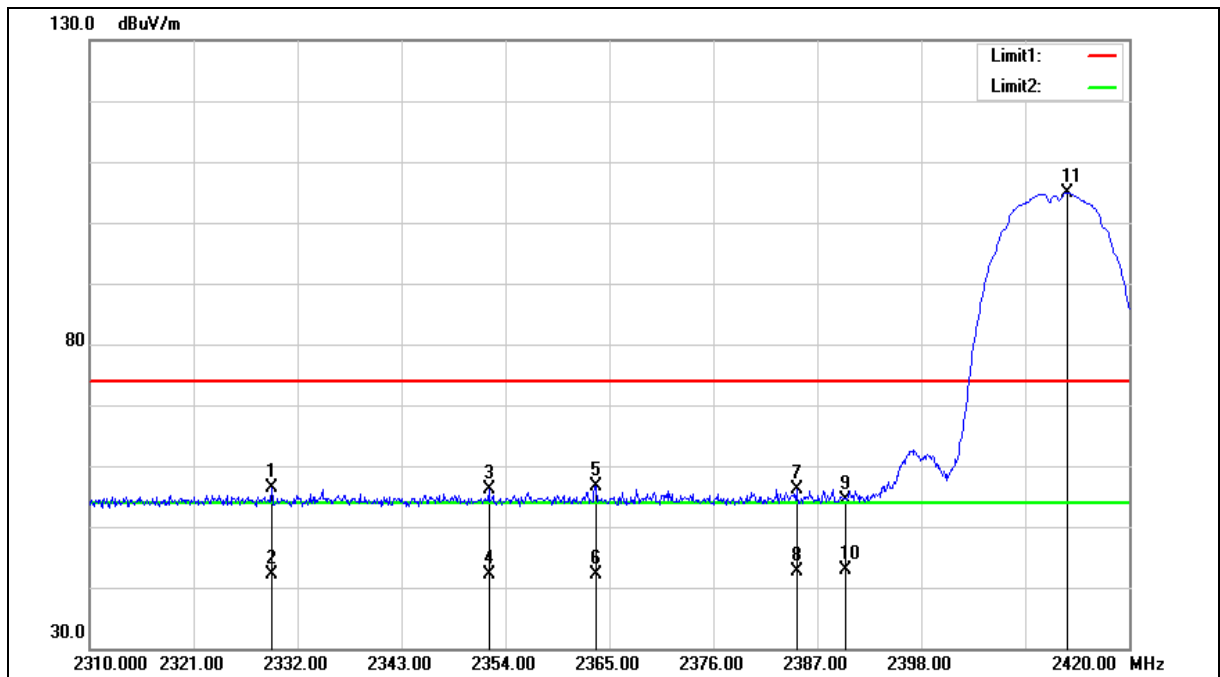
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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



Band Edge

Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2329.250	57.39	-1.13	56.26	74.00	-17.74	peak
2	2329.250	43.32	-1.13	42.19	54.00	-11.81	AVG
3	2352.240	57.08	-1.01	56.07	74.00	-17.93	peak
4	2352.240	43.08	-1.01	42.07	54.00	-11.93	AVG
5	2363.570	57.57	-0.96	56.61	74.00	-17.39	peak
6	2363.570	43.09	-0.96	42.13	54.00	-11.87	AVG
7	2384.800	57.06	-0.85	56.21	74.00	-17.79	peak
8	2384.800	43.50	-0.85	42.65	54.00	-11.35	AVG
9	2390.000	55.24	-0.82	54.42	74.00	-19.58	peak
10	2390.000	43.66	-0.82	42.84	54.00	-11.16	AVG
11	2413.510	105.55	-0.70	104.85	--	--	peak

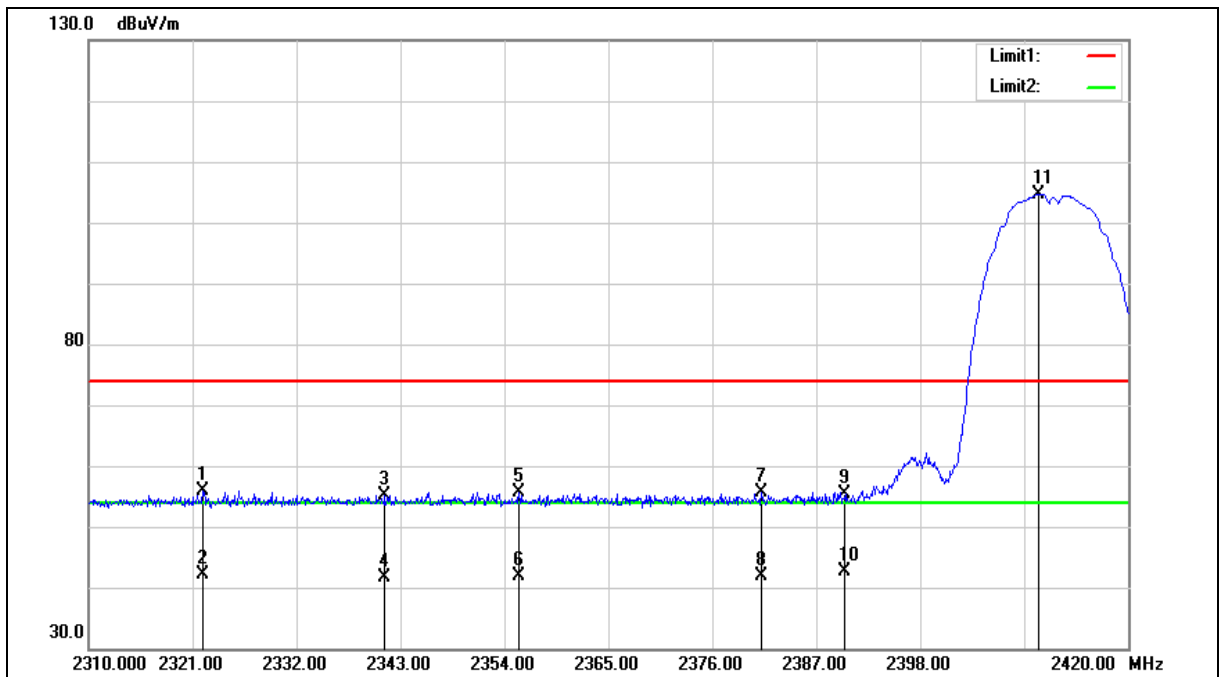
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2322.100	56.96	-1.16	55.80	74.00	-18.20	peak
2	2322.100	43.21	-1.16	42.05	54.00	-11.95	AVG
3	2341.350	56.25	-1.07	55.18	74.00	-18.82	peak
4	2341.350	42.78	-1.07	41.71	54.00	-12.29	AVG
5	2355.540	56.70	-0.99	55.71	74.00	-18.29	peak
6	2355.540	42.75	-0.99	41.76	54.00	-12.24	AVG
7	2381.170	56.59	-0.87	55.72	74.00	-18.28	peak
8	2381.170	42.70	-0.87	41.83	54.00	-12.17	AVG
9	2390.000	56.28	-0.82	55.46	74.00	-18.54	peak
10	2390.000	43.40	-0.82	42.58	54.00	-11.42	AVG
11	2410.540	105.44	-0.72	104.72	--	--	peak

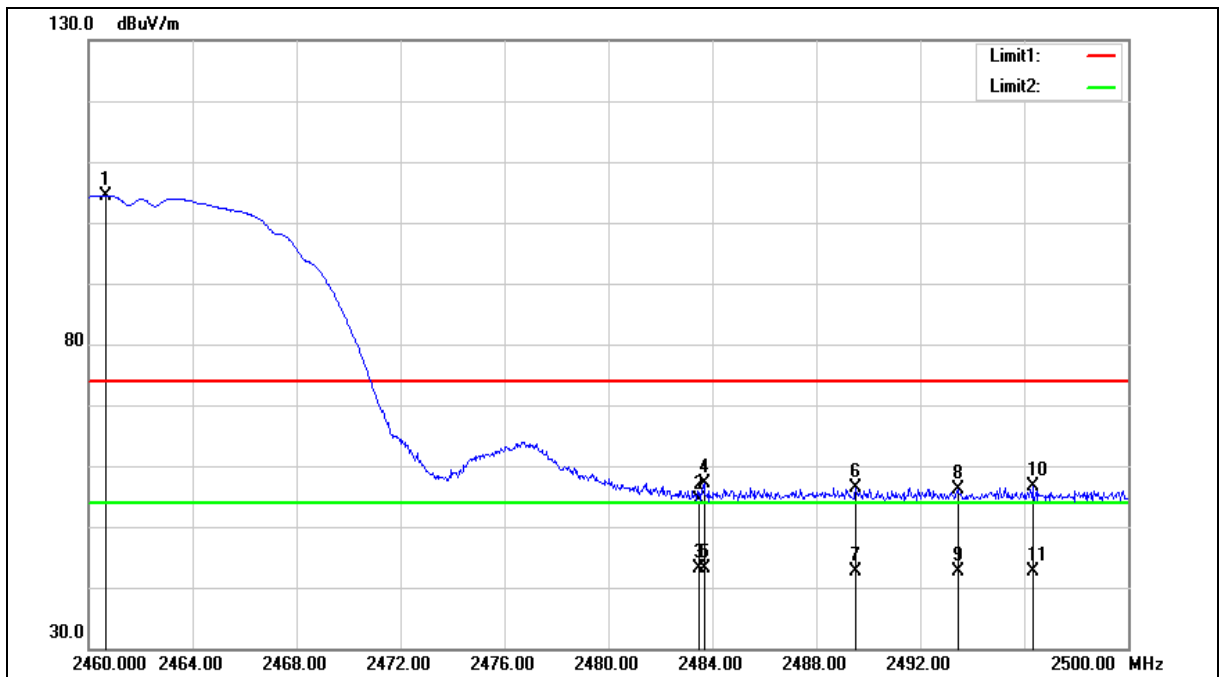
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.640	104.96	-0.46	104.50	--	--	peak
2	2483.500	54.72	-0.35	54.37	74.00	-19.63	peak
3	2483.500	43.55	-0.35	43.20	54.00	-10.80	AVG
4	2483.680	57.51	-0.35	57.16	74.00	-16.84	peak
5	2483.680	43.49	-0.35	43.14	54.00	-10.86	AVG
6	2489.520	56.68	-0.32	56.36	74.00	-17.64	peak
7	2489.520	43.03	-0.32	42.71	54.00	-11.29	AVG
8	2493.440	56.50	-0.29	56.21	74.00	-17.79	peak
9	2493.440	42.93	-0.29	42.64	54.00	-11.36	AVG
10	2496.320	56.92	-0.28	56.64	74.00	-17.36	peak
11	2496.320	42.85	-0.28	42.57	54.00	-11.43	AVG

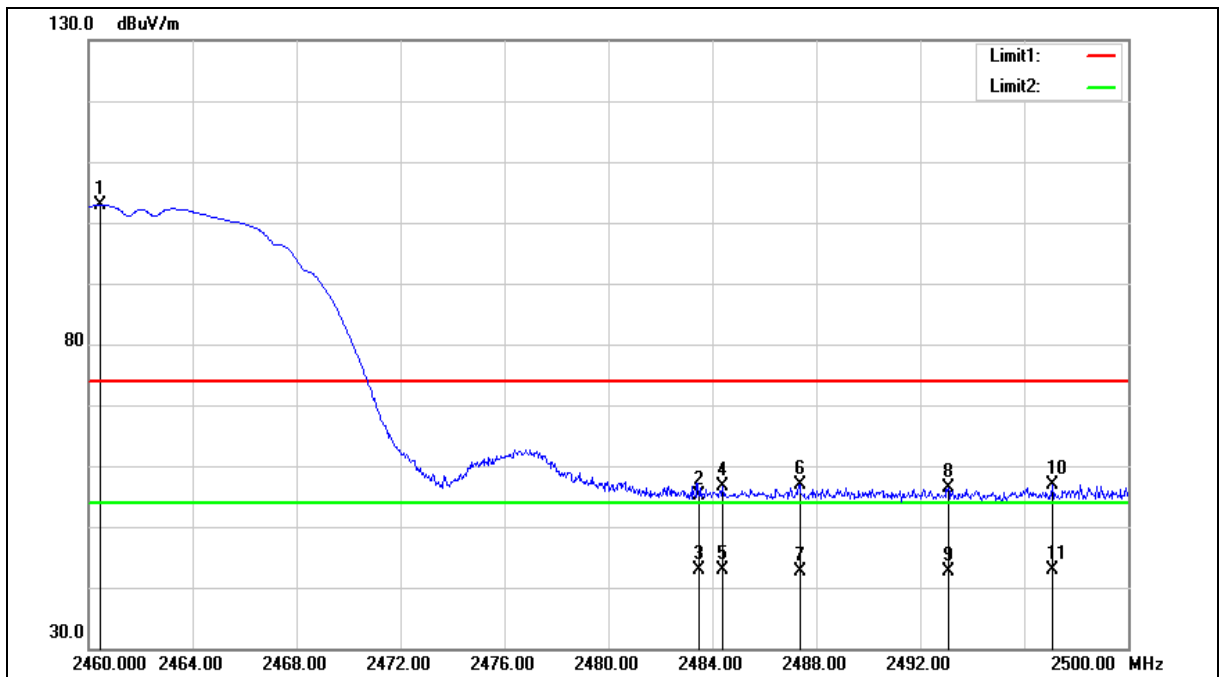
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.440	103.33	-0.46	102.87	--	--	peak
2	2483.500	55.55	-0.35	55.20	74.00	-18.80	peak
3	2483.500	43.31	-0.35	42.96	54.00	-11.04	AVG
4	2484.400	56.92	-0.34	56.58	74.00	-17.42	peak
5	2484.400	43.32	-0.34	42.98	54.00	-11.02	AVG
6	2487.360	57.27	-0.32	56.95	74.00	-17.05	peak
7	2487.360	42.97	-0.32	42.65	54.00	-11.35	AVG
8	2493.080	56.63	-0.29	56.34	74.00	-17.66	peak
9	2493.080	42.82	-0.29	42.53	54.00	-11.47	AVG
10	2497.080	57.27	-0.28	56.99	74.00	-17.01	peak
11	2497.080	43.09	-0.28	42.81	54.00	-11.19	AVG

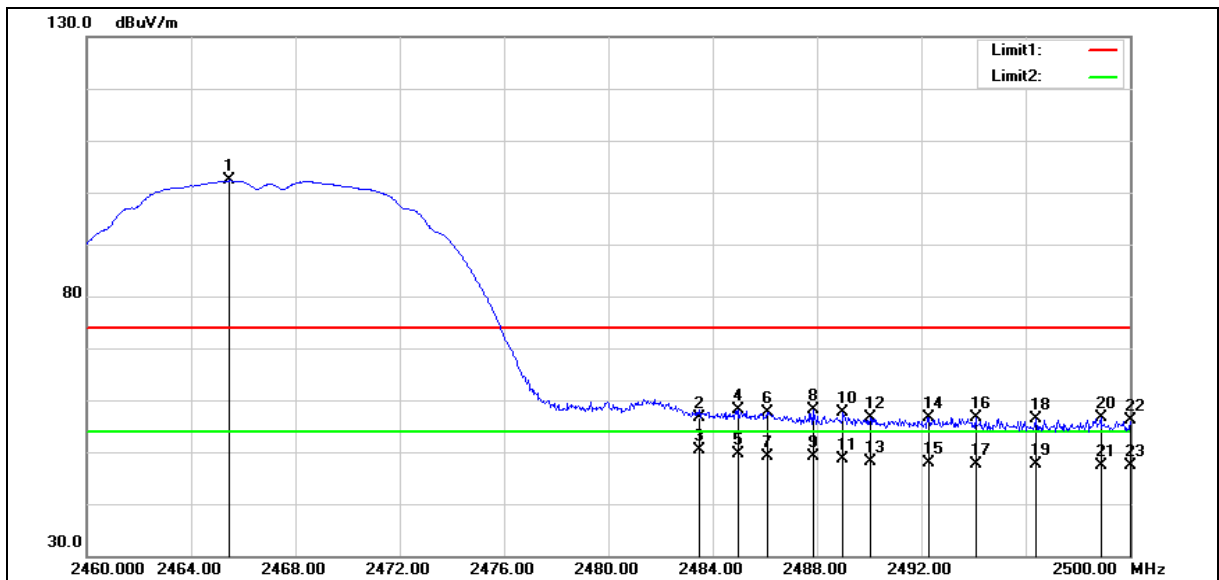
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2465.440	102.77	-0.49	102.28	--	--	peak
2	2483.500	57.06	-0.40	56.66	74.00	-17.34	peak
3	2483.500	50.67	-0.40	50.27	54.00	-3.73	AVG
4	2485.000	58.45	-0.39	58.06	74.00	-15.94	peak
5	2485.000	50.10	-0.39	49.71	54.00	-4.29	AVG
6	2486.080	58.02	-0.38	57.64	74.00	-16.36	peak
7	2486.080	49.62	-0.38	49.24	54.00	-4.76	AVG
8	2487.840	58.43	-0.37	58.06	74.00	-15.94	peak
9	2487.840	49.48	-0.37	49.11	54.00	-4.89	AVG
10	2489.000	58.05	-0.37	57.68	74.00	-16.32	peak
11	2489.000	48.92	-0.37	48.55	54.00	-5.45	AVG
12	2490.040	56.89	-0.36	56.53	74.00	-17.47	peak
13	2490.040	48.38	-0.36	48.02	54.00	-5.98	AVG
14	2492.280	57.10	-0.35	56.75	74.00	-17.25	peak
15	2492.280	48.31	-0.35	47.96	54.00	-6.04	AVG
16	2494.080	57.02	-0.34	56.68	74.00	-17.32	peak
17	2494.080	47.97	-0.34	47.63	54.00	-6.37	AVG
18	2496.400	56.65	-0.33	56.32	74.00	-17.68	peak
19	2496.400	47.84	-0.33	47.51	54.00	-6.49	AVG
20	2498.880	56.94	-0.31	56.63	74.00	-17.37	peak
21	2498.880	47.65	-0.31	47.34	54.00	-6.66	AVG
22	2500.000	56.34	-0.32	56.02	74.00	-17.98	peak
23	2500.000	47.62	-0.32	47.30	54.00	-6.70	AVG

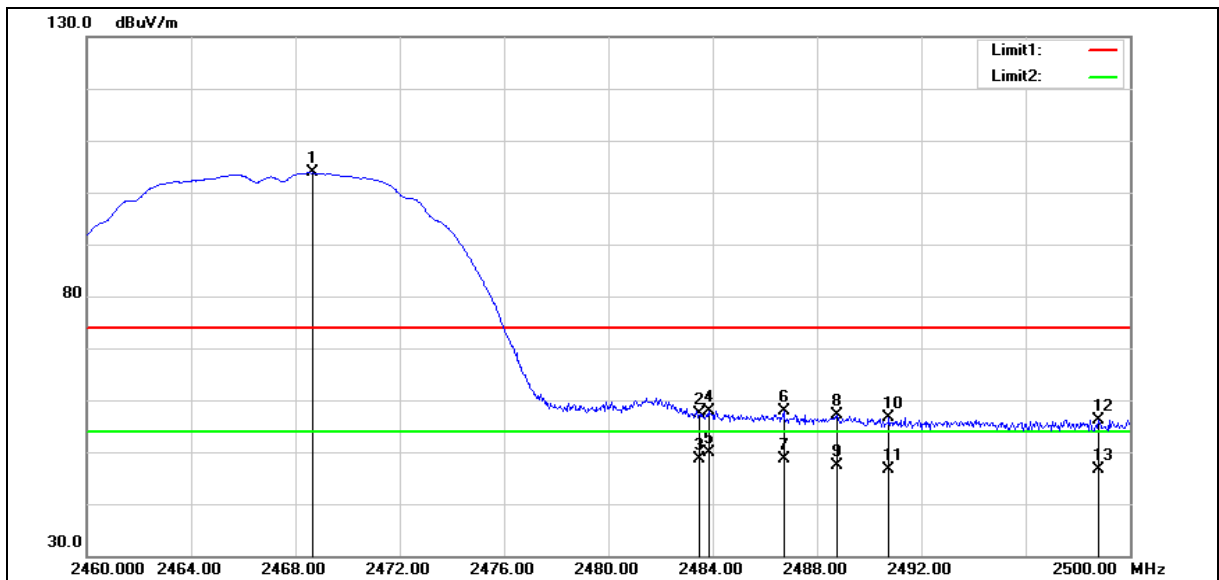
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2468.680	104.25	-0.47	103.78	--	--	peak
2	2483.500	57.70	-0.40	57.30	74.00	-16.70	peak
3	2483.500	49.02	-0.40	48.62	54.00	-5.38	AVG
4	2483.840	58.37	-0.39	57.98	74.00	-16.02	peak
5	2483.840	50.16	-0.39	49.77	54.00	-4.23	AVG
6	2486.720	58.14	-0.38	57.76	74.00	-16.24	peak
7	2486.720	49.04	-0.38	48.66	54.00	-5.34	AVG
8	2488.760	57.39	-0.37	57.02	74.00	-16.98	peak
9	2488.760	47.74	-0.37	47.37	54.00	-6.63	AVG
10	2490.760	56.99	-0.36	56.63	74.00	-17.37	peak
11	2490.760	46.97	-0.36	46.61	54.00	-7.39	AVG
12	2498.800	56.52	-0.31	56.21	74.00	-17.79	peak
13	2498.800	46.88	-0.31	46.57	54.00	-7.43	AVG

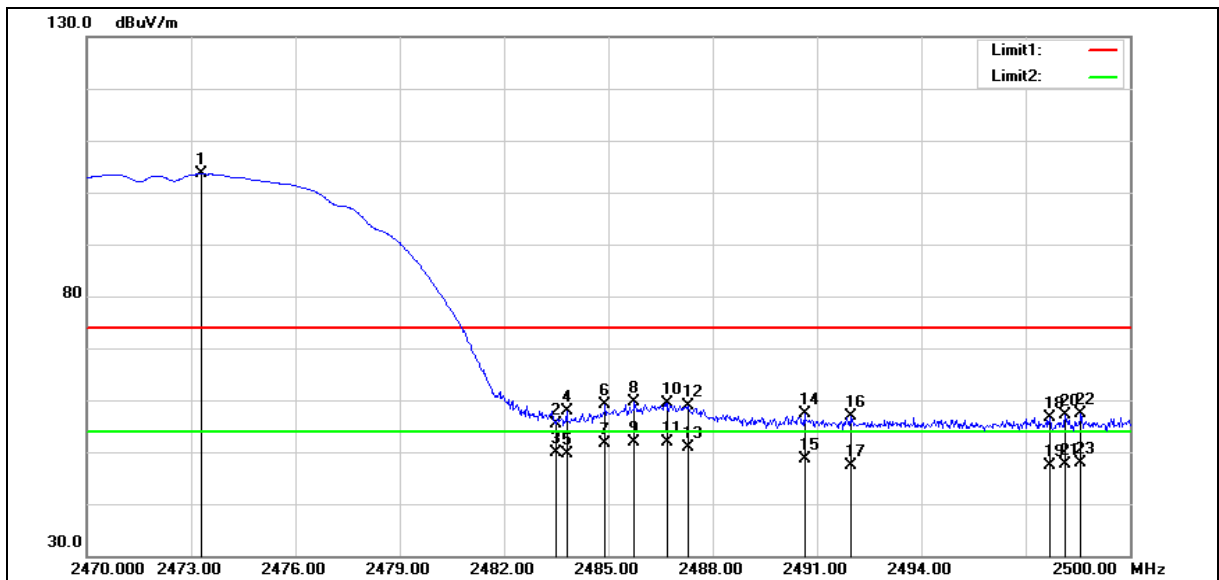
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2473.300	104.02	-0.45	103.57	--	--	peak
2	2483.500	55.74	-0.40	55.34	74.00	-18.66	peak
3	2483.500	50.27	-0.40	49.87	54.00	-4.13	AVG
4	2483.800	58.34	-0.40	57.94	74.00	-16.06	peak
5	2483.800	50.12	-0.40	49.72	54.00	-4.28	AVG
6	2484.910	59.44	-0.39	59.05	74.00	-14.95	peak
7	2484.910	52.00	-0.39	51.61	54.00	-2.39	AVG
8	2485.750	60.09	-0.38	59.71	74.00	-14.29	peak
9	2485.750	52.26	-0.38	51.88	54.00	-2.12	AVG
10	2486.710	59.82	-0.38	59.44	74.00	-14.56	peak
11	2486.710	52.32	-0.38	51.94	54.00	-2.06	AVG
12	2487.280	59.25	-0.37	58.88	74.00	-15.12	peak
13	2487.280	51.30	-0.37	50.93	54.00	-3.07	AVG
14	2490.640	57.63	-0.36	57.27	74.00	-16.73	peak
15	2490.640	48.98	-0.36	48.62	54.00	-5.38	AVG
16	2491.960	57.15	-0.35	56.80	74.00	-17.20	peak
17	2491.960	47.79	-0.35	47.44	54.00	-6.56	AVG
18	2497.690	56.87	-0.32	56.55	74.00	-17.45	peak
19	2497.690	47.70	-0.32	47.38	54.00	-6.62	AVG
20	2498.140	57.55	-0.32	57.23	74.00	-16.77	peak
21	2498.140	48.01	-0.32	47.69	54.00	-6.31	AVG
22	2498.590	57.76	-0.31	57.45	74.00	-16.55	peak
23	2498.590	48.11	-0.31	47.80	54.00	-6.20	AVG

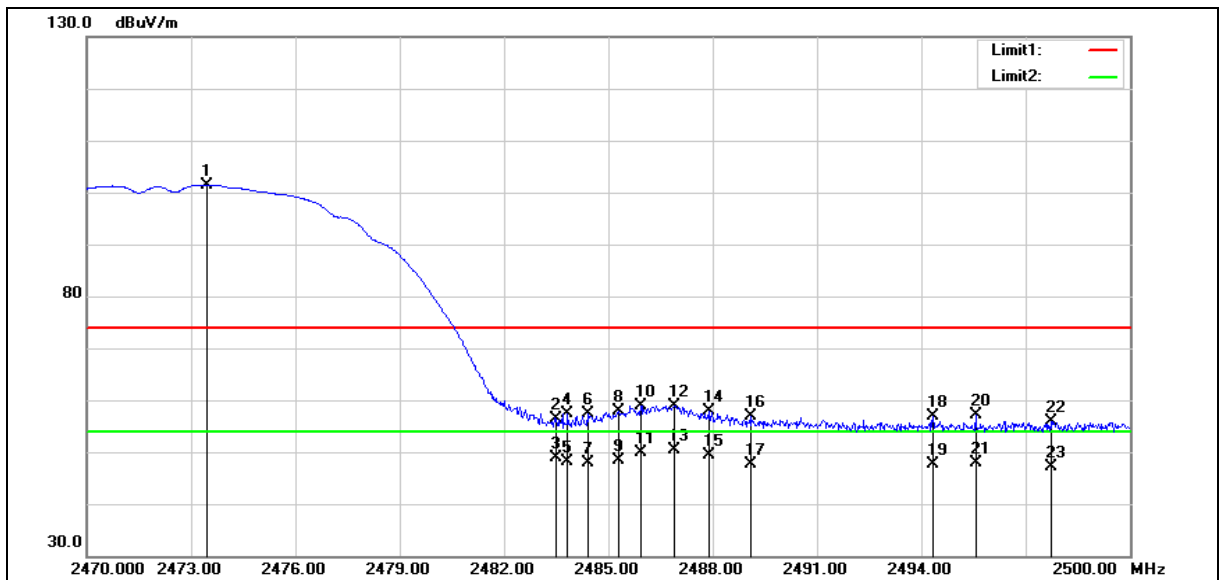
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 2		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2473.450	101.90	-0.45	101.45	--	--	peak
2	2483.500	56.68	-0.40	56.28	74.00	-17.72	peak
3	2483.500	49.17	-0.40	48.77	54.00	-5.23	AVG
4	2483.830	57.69	-0.39	57.30	74.00	-16.70	peak
5	2483.830	48.41	-0.39	48.02	54.00	-5.98	AVG
6	2484.400	57.71	-0.39	57.32	74.00	-16.68	peak
7	2484.400	48.32	-0.39	47.93	54.00	-6.07	AVG
8	2485.300	58.19	-0.39	57.80	74.00	-16.20	peak
9	2485.300	48.86	-0.39	48.47	54.00	-5.53	AVG
10	2485.930	59.37	-0.38	58.99	74.00	-15.01	peak
11	2485.930	50.35	-0.38	49.97	54.00	-4.03	AVG
12	2486.890	59.31	-0.37	58.94	74.00	-15.06	peak
13	2486.890	50.82	-0.37	50.45	54.00	-3.55	AVG
14	2487.880	58.36	-0.37	57.99	74.00	-16.01	peak
15	2487.880	49.68	-0.37	49.31	54.00	-4.69	AVG
16	2489.080	57.32	-0.37	56.95	74.00	-17.05	peak
17	2489.080	48.00	-0.37	47.63	54.00	-6.37	AVG
18	2494.330	57.16	-0.34	56.82	74.00	-17.18	peak
19	2494.330	47.89	-0.34	47.55	54.00	-6.45	AVG
20	2495.560	57.58	-0.34	57.24	74.00	-16.76	peak
21	2495.560	48.17	-0.34	47.83	54.00	-6.17	AVG
22	2497.720	56.20	-0.32	55.88	74.00	-18.12	peak
23	2497.720	47.34	-0.32	47.02	54.00	-6.98	AVG

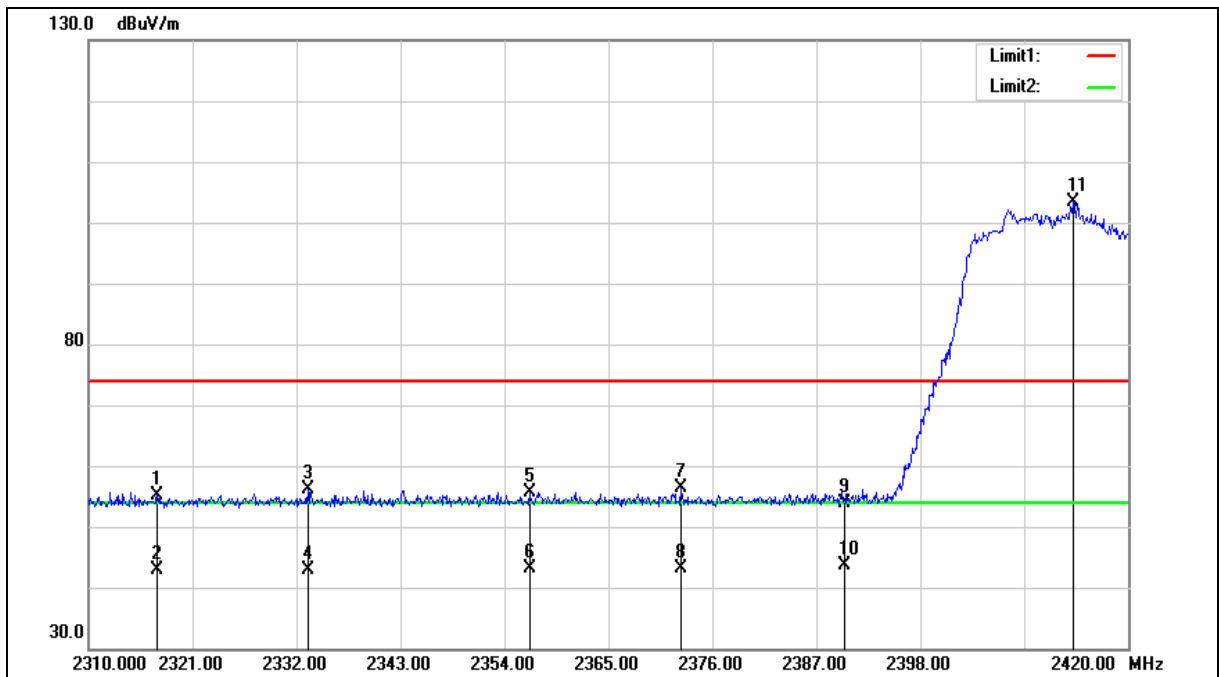
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2317.260	56.44	-1.19	55.25	74.00	-18.75	peak
2	2317.260	44.07	-1.19	42.88	54.00	-11.12	AVG
3	2333.210	57.16	-1.11	56.05	74.00	-17.95	peak
4	2333.210	44.08	-1.11	42.97	54.00	-11.03	AVG
5	2356.640	56.63	-0.99	55.64	74.00	-18.36	peak
6	2356.640	44.15	-0.99	43.16	54.00	-10.84	AVG
7	2372.700	57.34	-0.91	56.43	74.00	-17.57	peak
8	2372.700	44.11	-0.91	43.20	54.00	-10.80	AVG
9	2390.000	54.69	-0.82	53.87	74.00	-20.13	peak
10	2390.000	44.49	-0.82	43.67	54.00	-10.33	AVG
11	2414.170	104.02	-0.70	103.32	--	--	peak

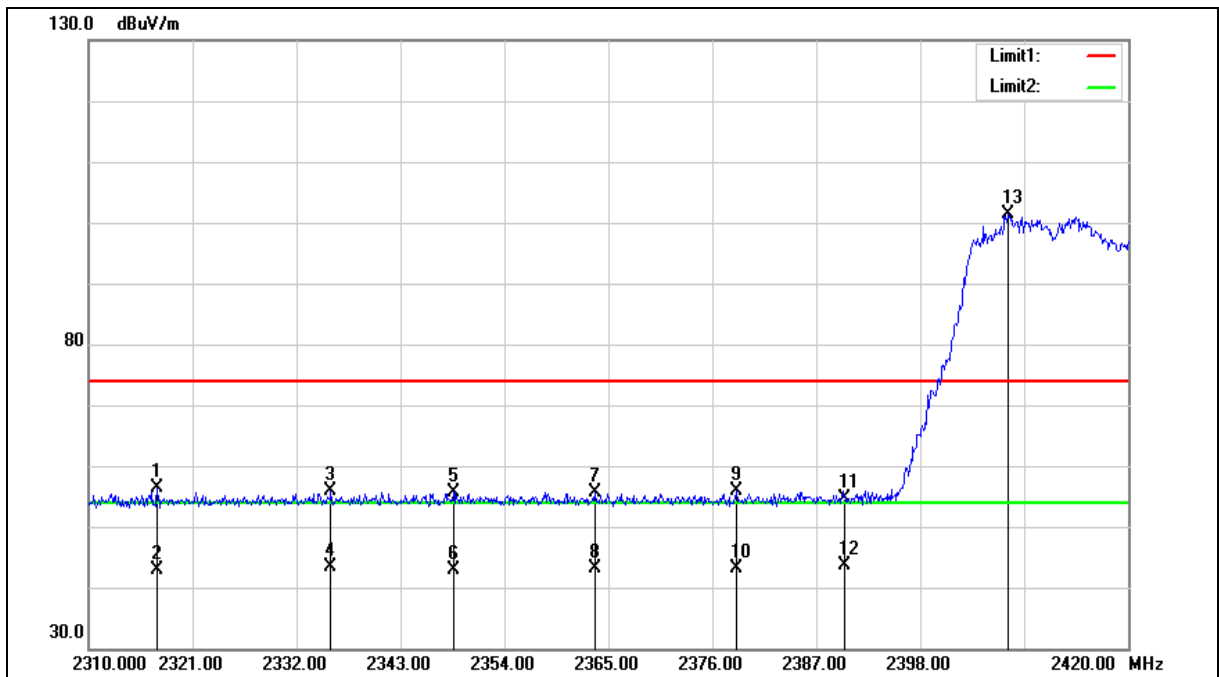
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2317.260	57.54	-1.19	56.35	74.00	-17.65	peak
2	2317.260	44.12	-1.19	42.93	54.00	-11.07	AVG
3	2335.630	56.93	-1.10	55.83	74.00	-18.17	peak
4	2335.630	44.41	-1.10	43.31	54.00	-10.69	AVG
5	2348.610	56.72	-1.03	55.69	74.00	-18.31	peak
6	2348.610	43.93	-1.03	42.90	54.00	-11.10	AVG
7	2363.570	56.68	-0.96	55.72	74.00	-18.28	peak
8	2363.570	44.12	-0.96	43.16	54.00	-10.84	AVG
9	2378.530	56.84	-0.88	55.96	74.00	-18.04	peak
10	2378.530	43.96	-0.88	43.08	54.00	-10.92	AVG
11	2390.000	55.38	-0.82	54.56	74.00	-19.44	peak
12	2390.000	44.47	-0.82	43.65	54.00	-10.35	AVG
13	2407.240	102.13	-0.74	101.39	--	--	peak

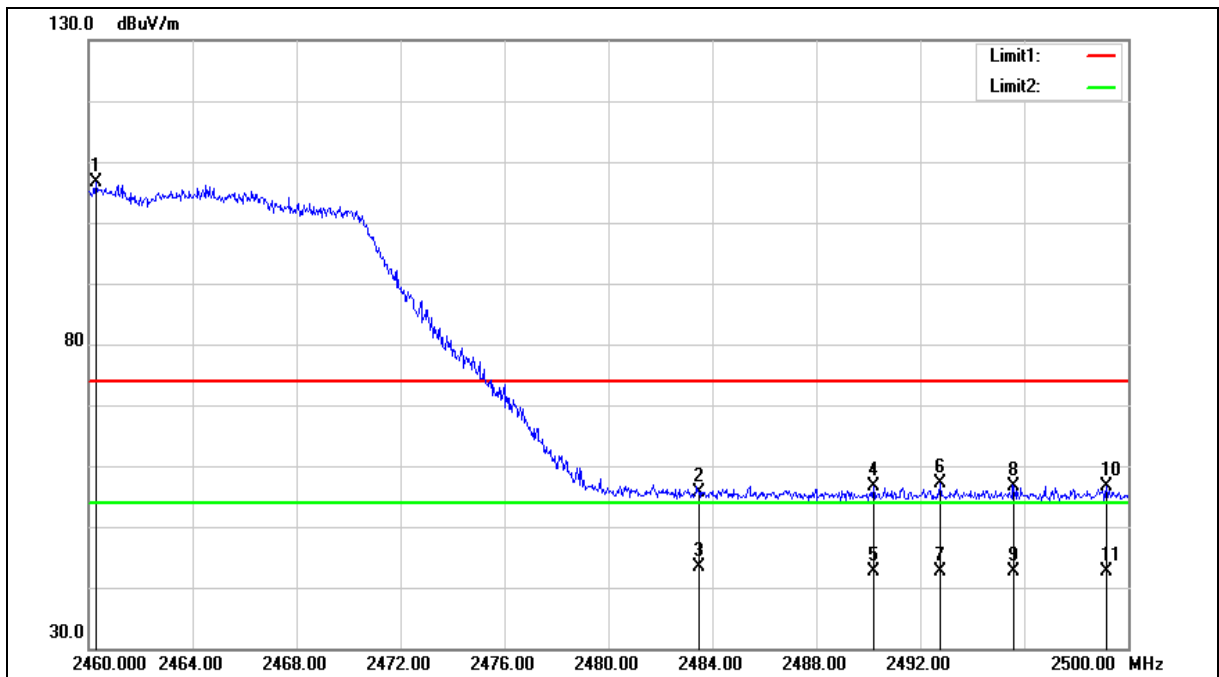
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.280	107.03	-0.47	106.56	--	--	peak
2	2483.500	55.91	-0.35	55.56	74.00	-18.44	peak
3	2483.500	43.69	-0.35	43.34	54.00	-10.66	AVG
4	2490.200	56.87	-0.31	56.56	74.00	-17.44	peak
5	2490.200	42.98	-0.31	42.67	54.00	-11.33	AVG
6	2492.760	57.33	-0.29	57.04	74.00	-16.96	peak
7	2492.760	42.91	-0.29	42.62	54.00	-11.38	AVG
8	2495.600	56.92	-0.28	56.64	74.00	-17.36	peak
9	2495.600	43.01	-0.28	42.73	54.00	-11.27	AVG
10	2499.160	56.93	-0.26	56.67	74.00	-17.33	peak
11	2499.160	42.95	-0.26	42.69	54.00	-11.31	AVG

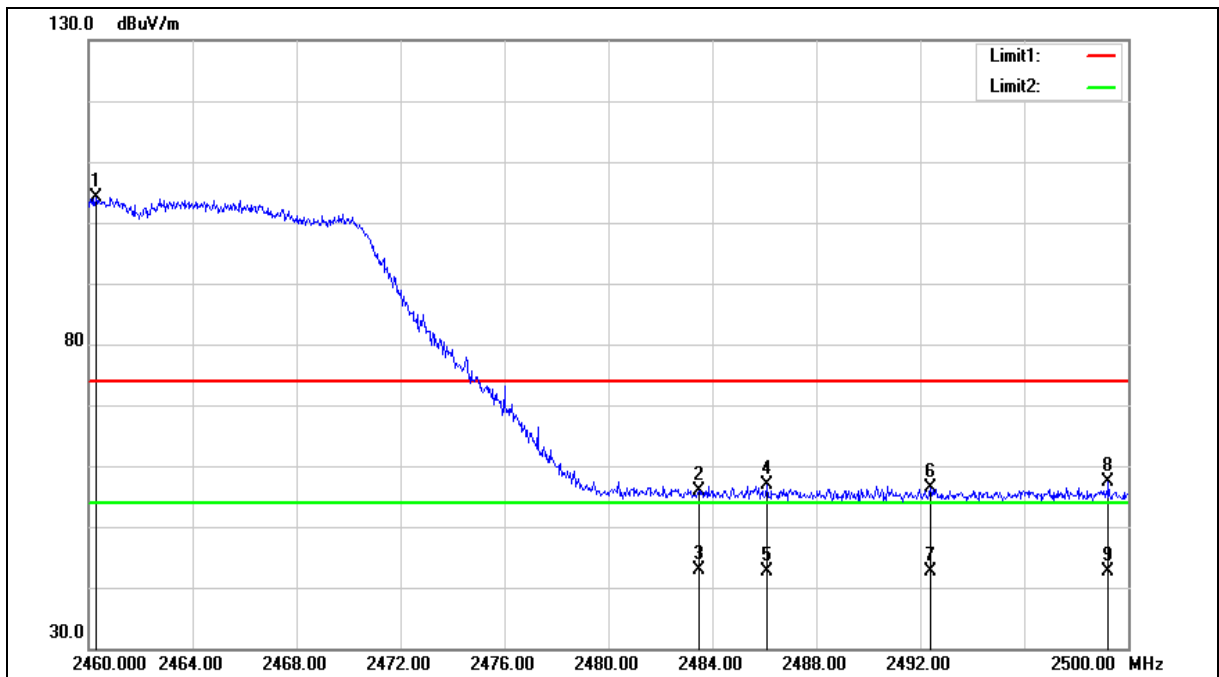
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.280	104.57	-0.47	104.10	--	--	peak
2	2483.500	56.30	-0.35	55.95	74.00	-18.05	peak
3	2483.500	43.15	-0.35	42.80	54.00	-11.20	AVG
4	2486.120	57.10	-0.33	56.77	74.00	-17.23	peak
5	2486.120	43.02	-0.33	42.69	54.00	-11.31	AVG
6	2492.400	56.72	-0.30	56.42	74.00	-17.58	peak
7	2492.400	42.88	-0.30	42.58	54.00	-11.42	AVG
8	2499.240	57.75	-0.26	57.49	74.00	-16.51	peak
9	2499.240	42.89	-0.26	42.63	54.00	-11.37	AVG

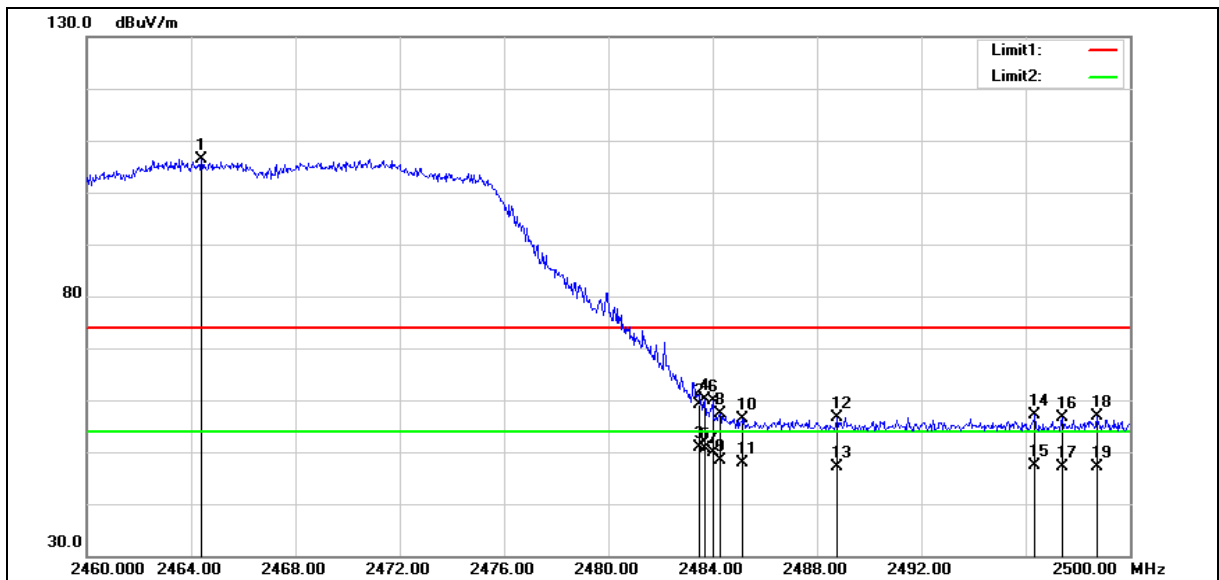
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2464.400	106.96	-0.49	106.47	--	--	peak
2	2483.500	59.62	-0.40	59.22	74.00	-14.78	peak
3	2483.500	51.36	-0.40	50.96	54.00	-3.04	AVG
4	2483.720	60.53	-0.40	60.13	74.00	-13.87	peak
5	2483.720	51.06	-0.40	50.66	54.00	-3.34	AVG
6	2484.000	60.15	-0.39	59.76	74.00	-14.24	peak
7	2484.000	50.16	-0.39	49.77	54.00	-4.23	AVG
8	2484.280	57.88	-0.39	57.49	74.00	-16.51	peak
9	2484.280	48.88	-0.39	48.49	54.00	-5.51	AVG
10	2485.160	56.69	-0.39	56.30	74.00	-17.70	peak
11	2485.160	48.19	-0.39	47.80	54.00	-6.20	AVG
12	2488.760	57.08	-0.37	56.71	74.00	-17.29	peak
13	2488.760	47.56	-0.37	47.19	54.00	-6.81	AVG
14	2496.360	57.42	-0.33	57.09	74.00	-16.91	peak
15	2496.360	47.67	-0.33	47.34	54.00	-6.66	AVG
16	2497.400	56.84	-0.32	56.52	74.00	-17.48	peak
17	2497.400	47.40	-0.32	47.08	54.00	-6.92	AVG
18	2498.720	57.16	-0.31	56.85	74.00	-17.15	peak
19	2498.720	47.53	-0.31	47.22	54.00	-6.78	AVG

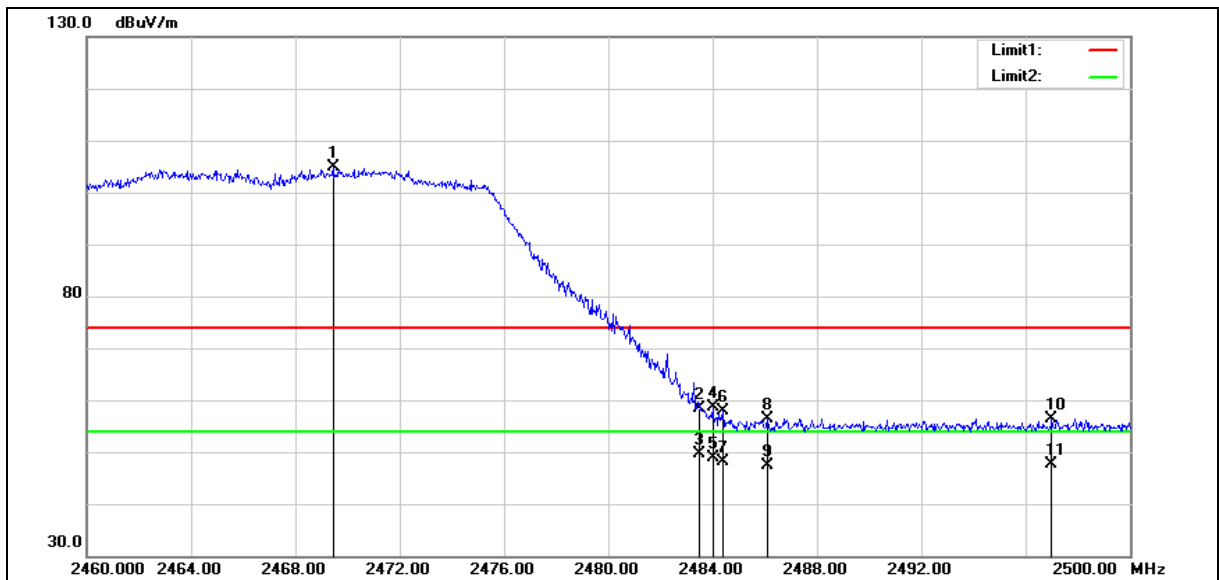
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2469.440	105.38	-0.46	104.92	--	--	peak
2	2483.500	58.82	-0.40	58.42	74.00	-15.58	peak
3	2483.500	50.07	-0.40	49.67	54.00	-4.33	AVG
4	2484.000	58.94	-0.39	58.55	74.00	-15.45	peak
5	2484.000	49.22	-0.39	48.83	54.00	-5.17	AVG
6	2484.400	58.21	-0.39	57.82	74.00	-16.18	peak
7	2484.400	48.58	-0.39	48.19	54.00	-5.81	AVG
8	2486.080	56.87	-0.38	56.49	74.00	-17.51	peak
9	2486.080	47.87	-0.38	47.49	54.00	-6.51	AVG
10	2497.000	56.82	-0.33	56.49	74.00	-17.51	peak
11	2497.000	47.88	-0.33	47.55	54.00	-6.45	AVG

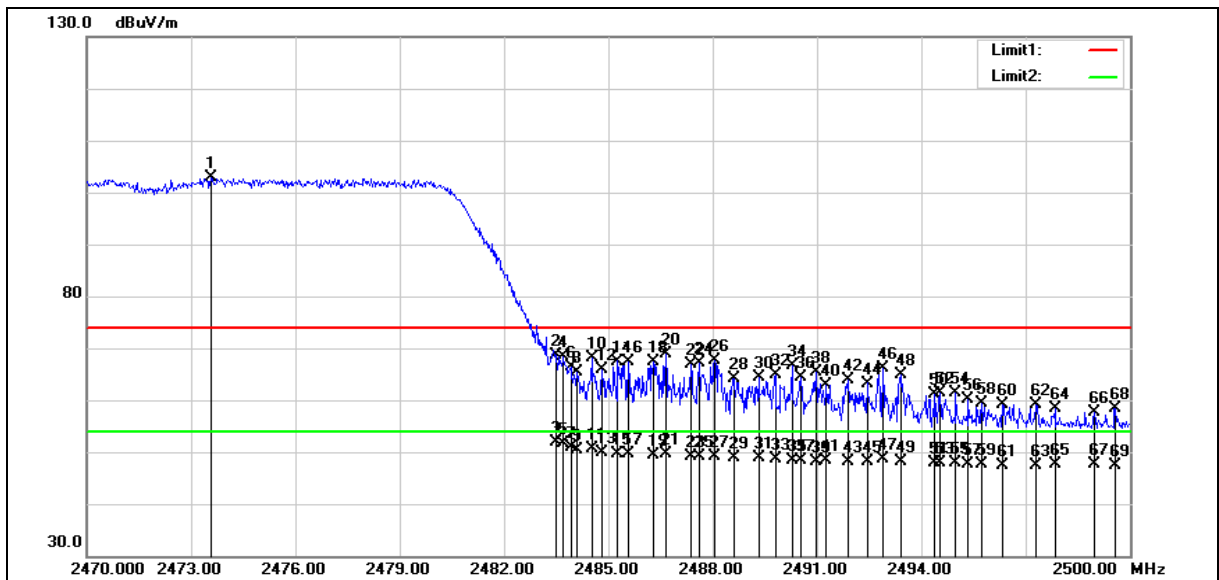
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2473.570	103.37	-0.45	102.92	--	--	peak
2	2483.500	68.98	-0.40	68.58	74.00	-5.42	peak
3	2483.500	52.24	-0.40	51.84	54.00	-2.16	AVG
4	2483.710	68.86	-0.40	68.46	74.00	-5.54	peak
5	2483.710	52.01	-0.40	51.61	54.00	-2.39	AVG
6	2483.920	66.89	-0.39	66.50	74.00	-7.50	peak
7	2483.920	51.29	-0.39	50.90	54.00	-3.10	AVG
8	2484.100	65.75	-0.39	65.36	74.00	-8.64	peak
9	2484.100	50.70	-0.39	50.31	54.00	-3.69	AVG
10	2484.520	68.50	-0.39	68.11	74.00	-5.89	peak
11	2484.520	50.94	-0.39	50.55	54.00	-3.45	AVG
12	2484.820	66.23	-0.39	65.84	74.00	-8.16	peak
13	2484.820	50.32	-0.39	49.93	54.00	-4.07	AVG
14	2485.270	67.89	-0.39	67.50	74.00	-6.50	peak
15	2485.270	50.09	-0.39	49.70	54.00	-4.30	AVG
16	2485.570	67.74	-0.38	67.36	74.00	-6.64	peak
17	2485.570	49.97	-0.38	49.59	54.00	-4.41	AVG
18	2486.290	67.67	-0.38	67.29	74.00	-6.71	peak
19	2486.290	49.75	-0.38	49.37	54.00	-4.63	AVG
20	2486.650	69.18	-0.38	68.80	74.00	-5.20	peak
21	2486.650	49.89	-0.38	49.51	54.00	-4.49	AVG
22	2487.370	67.33	-0.37	66.96	74.00	-7.04	peak
23	2487.370	49.57	-0.37	49.20	54.00	-4.80	AVG
24	2487.610	67.61	-0.37	67.24	74.00	-6.76	peak

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

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
25	2487.610	49.55	-0.37	49.18	54.00	-4.82	AVG
26	2488.060	68.08	-0.37	67.71	74.00	-6.29	peak
27	2488.060	49.46	-0.37	49.09	54.00	-4.91	AVG
28	2488.600	64.55	-0.37	64.18	74.00	-9.82	peak
29	2488.600	49.21	-0.37	48.84	54.00	-5.16	AVG
30	2489.320	64.67	-0.37	64.30	74.00	-9.70	peak
31	2489.320	49.28	-0.37	48.91	54.00	-5.09	AVG
32	2489.800	65.12	-0.36	64.76	74.00	-9.24	peak
33	2489.800	48.98	-0.36	48.62	54.00	-5.38	AVG
34	2490.280	67.07	-0.36	66.71	74.00	-7.29	peak
35	2490.280	48.86	-0.36	48.50	54.00	-5.50	AVG
36	2490.520	64.65	-0.36	64.29	74.00	-9.71	peak
37	2490.520	48.69	-0.36	48.33	54.00	-5.67	AVG
38	2490.970	65.79	-0.36	65.43	74.00	-8.57	peak
39	2490.970	48.58	-0.36	48.22	54.00	-5.78	AVG
40	2491.270	63.33	-0.36	62.97	74.00	-11.03	peak
41	2491.270	48.68	-0.36	48.32	54.00	-5.68	AVG
42	2491.900	64.20	-0.35	63.85	74.00	-10.15	peak
43	2491.900	48.54	-0.35	48.19	54.00	-5.81	AVG
44	2492.440	63.60	-0.35	63.25	74.00	-10.75	peak
45	2492.440	48.60	-0.35	48.25	54.00	-5.75	AVG
46	2492.890	66.41	-0.34	66.07	74.00	-7.93	peak
47	2492.890	48.95	-0.34	48.61	54.00	-5.39	AVG
48	2493.400	65.12	-0.34	64.78	74.00	-9.22	peak

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

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
49	2493.400	48.41	-0.34	48.07	54.00	-5.93	AVG
50	2494.390	61.48	-0.34	61.14	74.00	-12.86	peak
51	2494.390	48.26	-0.34	47.92	54.00	-6.08	AVG
52	2494.540	61.67	-0.34	61.33	74.00	-12.67	peak
53	2494.540	48.23	-0.34	47.89	54.00	-6.11	AVG
54	2494.990	61.73	-0.34	61.39	74.00	-12.61	peak
55	2494.990	48.17	-0.34	47.83	54.00	-6.17	AVG
56	2495.350	60.46	-0.34	60.12	74.00	-13.88	peak
57	2495.350	48.01	-0.34	47.67	54.00	-6.33	AVG
58	2495.740	59.72	-0.33	59.39	74.00	-14.61	peak
59	2495.740	47.88	-0.33	47.55	54.00	-6.45	AVG
60	2496.340	59.57	-0.33	59.24	74.00	-14.76	peak
61	2496.340	47.67	-0.33	47.34	54.00	-6.66	AVG
62	2497.300	59.57	-0.32	59.25	74.00	-14.75	peak
63	2497.300	47.73	-0.32	47.41	54.00	-6.59	AVG
64	2497.840	58.78	-0.32	58.46	74.00	-15.54	peak
65	2497.840	47.87	-0.32	47.55	54.00	-6.45	AVG
66	2498.980	58.00	-0.31	57.69	74.00	-16.31	peak
67	2498.980	47.83	-0.31	47.52	54.00	-6.48	AVG
68	2499.580	58.78	-0.31	58.47	74.00	-15.53	peak
69	2499.580	47.80	-0.31	47.49	54.00	-6.51	AVG

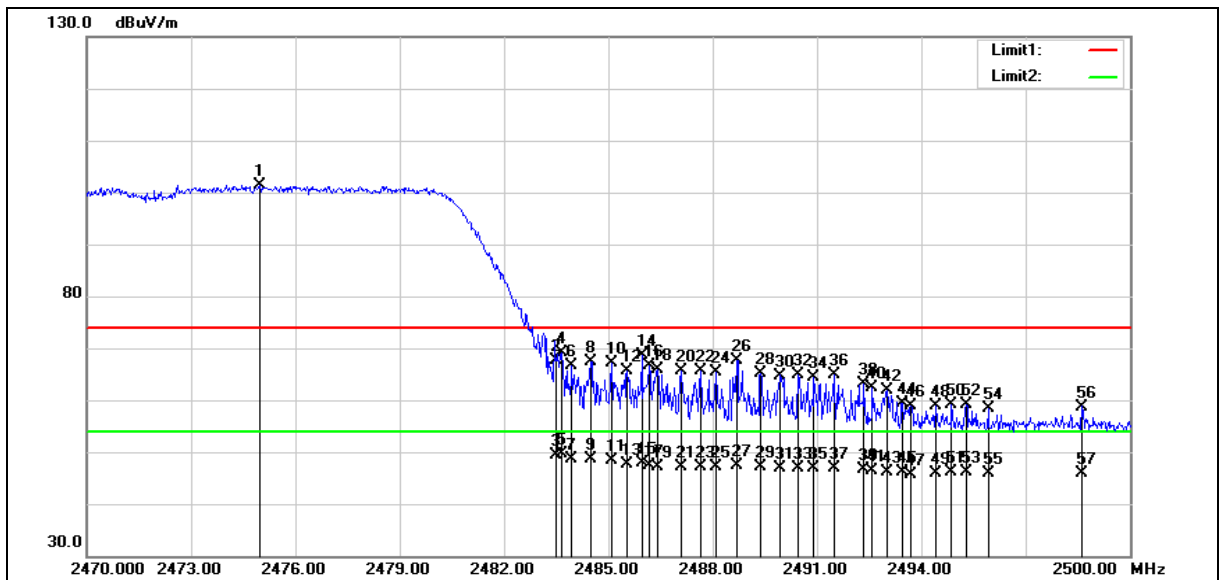
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2474.980	101.75	-0.44	101.31	--	--	peak
2	2483.500	68.09	-0.40	67.69	74.00	-6.31	peak
3	2483.500	49.79	-0.40	49.39	54.00	-4.61	AVG
4	2483.650	69.56	-0.40	69.16	74.00	-4.84	peak
5	2483.650	49.98	-0.40	49.58	54.00	-4.42	AVG
6	2483.950	66.99	-0.39	66.60	74.00	-7.40	peak
7	2483.950	49.14	-0.39	48.75	54.00	-5.25	AVG
8	2484.490	67.73	-0.39	67.34	74.00	-6.66	peak
9	2484.490	48.93	-0.39	48.54	54.00	-5.46	AVG
10	2485.090	67.42	-0.39	67.03	74.00	-6.97	peak
11	2485.090	48.68	-0.39	48.29	54.00	-5.71	AVG
12	2485.540	66.12	-0.38	65.74	74.00	-8.26	peak
13	2485.540	47.98	-0.38	47.60	54.00	-6.40	AVG
14	2485.960	69.00	-0.38	68.62	74.00	-5.38	peak
15	2485.960	48.25	-0.38	47.87	54.00	-6.13	AVG
16	2486.170	67.02	-0.38	66.64	74.00	-7.36	peak
17	2486.170	47.66	-0.38	47.28	54.00	-6.72	AVG
18	2486.410	66.16	-0.38	65.78	74.00	-8.22	peak
19	2486.410	47.49	-0.38	47.11	54.00	-6.89	AVG
20	2487.100	66.06	-0.37	65.69	74.00	-8.31	peak
21	2487.100	47.60	-0.37	47.23	54.00	-6.77	AVG
22	2487.640	65.88	-0.37	65.51	74.00	-8.49	peak
23	2487.640	47.42	-0.37	47.05	54.00	-6.95	AVG
24	2488.090	65.65	-0.37	65.28	74.00	-8.72	peak

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

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
25	2488.090	47.49	-0.37	47.12	54.00	-6.88	AVG
26	2488.690	67.95	-0.37	67.58	74.00	-6.42	peak
27	2488.690	47.79	-0.37	47.42	54.00	-6.58	AVG
28	2489.380	65.60	-0.37	65.23	74.00	-8.77	peak
29	2489.380	47.59	-0.37	47.22	54.00	-6.78	AVG
30	2489.920	65.11	-0.36	64.75	74.00	-9.25	peak
31	2489.920	47.30	-0.36	46.94	54.00	-7.06	AVG
32	2490.460	65.36	-0.36	65.00	74.00	-9.00	peak
33	2490.460	47.27	-0.36	46.91	54.00	-7.09	AVG
34	2490.910	64.80	-0.36	64.44	74.00	-9.56	peak
35	2490.910	47.25	-0.36	46.89	54.00	-7.11	AVG
36	2491.480	65.12	-0.35	64.77	74.00	-9.23	peak
37	2491.480	47.16	-0.35	46.81	54.00	-7.19	AVG
38	2492.350	63.40	-0.35	63.05	74.00	-10.95	peak
39	2492.350	46.87	-0.35	46.52	54.00	-7.48	AVG
40	2492.590	62.78	-0.35	62.43	74.00	-11.57	peak
41	2492.590	46.68	-0.35	46.33	54.00	-7.67	AVG
42	2493.010	62.21	-0.34	61.87	74.00	-12.13	peak
43	2493.010	46.54	-0.34	46.20	54.00	-7.80	AVG
44	2493.460	59.67	-0.34	59.33	74.00	-14.67	peak
45	2493.460	46.48	-0.34	46.14	54.00	-7.86	AVG
46	2493.700	59.23	-0.34	58.89	74.00	-15.11	peak
47	2493.700	46.05	-0.34	45.71	54.00	-8.29	AVG
48	2494.420	59.14	-0.34	58.80	74.00	-15.20	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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 4		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
49	2494.420	46.16	-0.34	45.82	54.00	-8.18	AVG
50	2494.870	59.41	-0.34	59.07	74.00	-14.93	peak
51	2494.870	46.48	-0.34	46.14	54.00	-7.86	AVG
52	2495.290	59.44	-0.34	59.10	74.00	-14.90	peak
53	2495.290	46.42	-0.34	46.08	54.00	-7.92	AVG
54	2495.920	58.61	-0.33	58.28	74.00	-15.72	peak
55	2495.920	46.33	-0.33	46.00	54.00	-8.00	AVG
56	2498.620	59.06	-0.31	58.75	74.00	-15.25	peak
57	2498.620	46.28	-0.31	45.97	54.00	-8.03	AVG

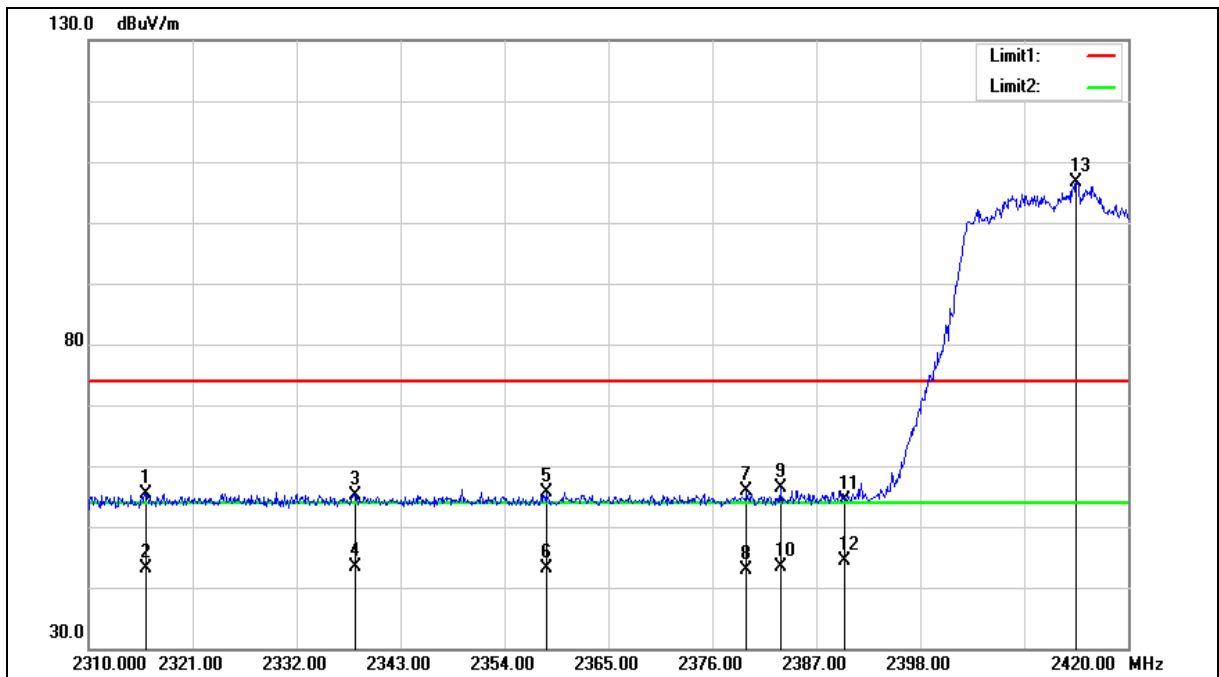
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2316.050	56.60	-1.20	55.40	74.00	-18.60	peak
2	2316.050	44.37	-1.20	43.17	54.00	-10.83	AVG
3	2338.270	56.23	-1.08	55.15	74.00	-18.85	peak
4	2338.270	44.44	-1.08	43.36	54.00	-10.64	AVG
5	2358.400	56.59	-0.99	55.60	74.00	-18.40	peak
6	2358.400	44.19	-0.99	43.20	54.00	-10.80	AVG
7	2379.630	56.64	-0.88	55.76	74.00	-18.24	peak
8	2379.630	43.81	-0.88	42.93	54.00	-11.07	AVG
9	2383.260	57.19	-0.87	56.32	74.00	-17.68	peak
10	2383.260	44.14	-0.87	43.27	54.00	-10.73	AVG
11	2390.000	55.21	-0.82	54.39	74.00	-19.61	peak
12	2390.000	45.10	-0.82	44.28	54.00	-9.72	AVG
13	2414.500	107.24	-0.70	106.54	--	--	peak

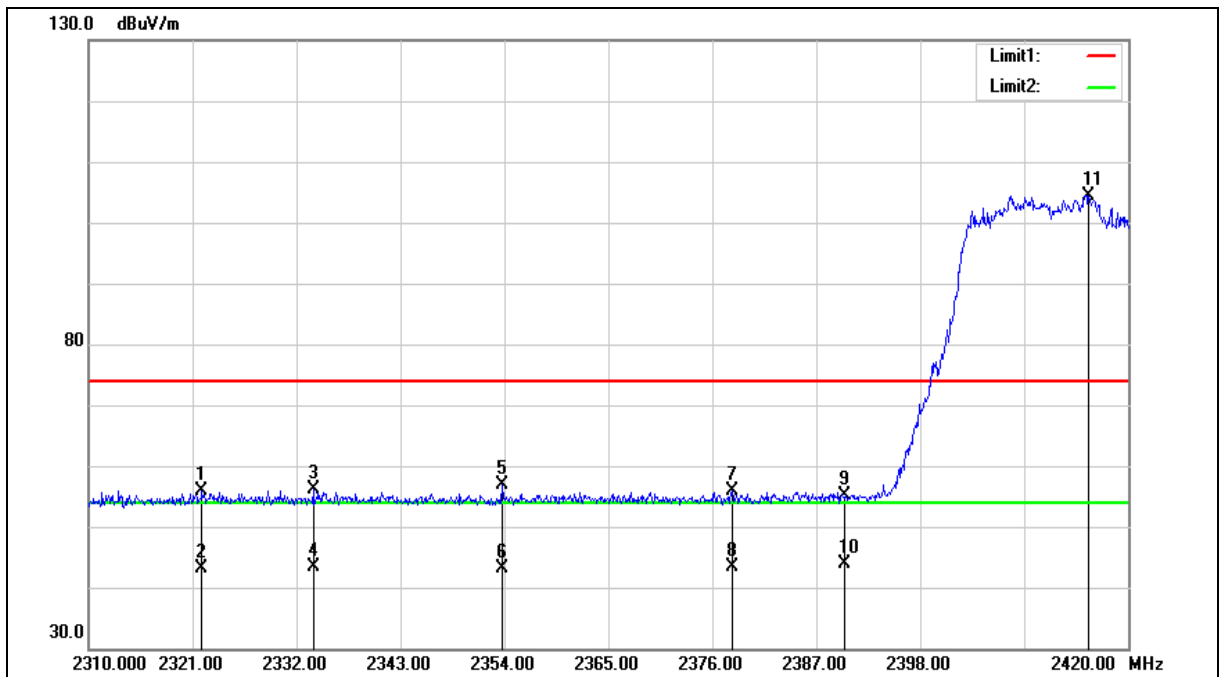
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2412 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2321.990	57.09	-1.17	55.92	74.00	-18.08	peak
2	2321.990	44.30	-1.17	43.13	54.00	-10.87	AVG
3	2333.760	57.13	-1.11	56.02	74.00	-17.98	peak
4	2333.760	44.51	-1.11	43.40	54.00	-10.60	AVG
5	2353.780	58.00	-1.01	56.99	74.00	-17.01	peak
6	2353.780	44.19	-1.01	43.18	54.00	-10.82	AVG
7	2378.090	56.66	-0.88	55.78	74.00	-18.22	peak
8	2378.090	44.23	-0.88	43.35	54.00	-10.65	AVG
9	2390.000	56.06	-0.82	55.24	74.00	-18.76	peak
10	2390.000	44.81	-0.82	43.99	54.00	-10.01	AVG
11	2415.820	105.17	-0.70	104.47	--	--	peak

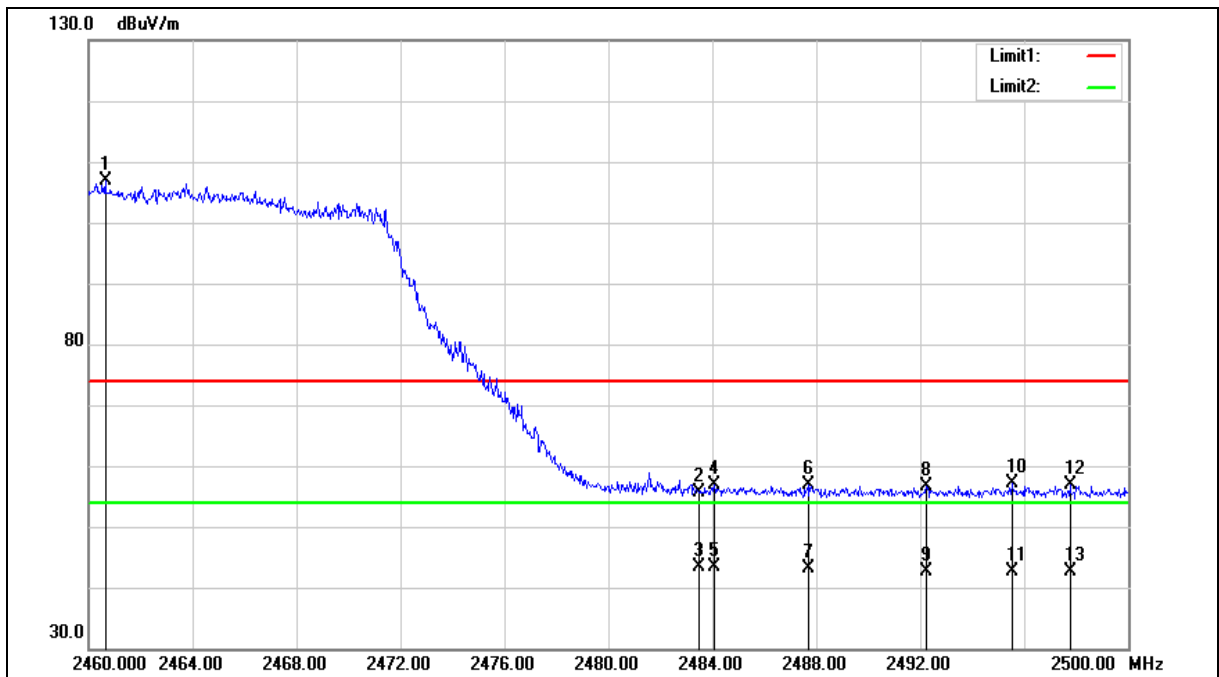
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2460.640	107.39	-0.46	106.93	--	--	peak
2	2483.500	56.01	-0.35	55.66	74.00	-18.34	peak
3	2483.500	43.83	-0.35	43.48	54.00	-10.52	AVG
4	2484.080	57.10	-0.34	56.76	74.00	-17.24	peak
5	2484.080	43.70	-0.34	43.36	54.00	-10.64	AVG
6	2487.680	57.18	-0.32	56.86	74.00	-17.14	peak
7	2487.680	43.37	-0.32	43.05	54.00	-10.95	AVG
8	2492.240	56.89	-0.30	56.59	74.00	-17.41	peak
9	2492.240	43.01	-0.30	42.71	54.00	-11.29	AVG
10	2495.520	57.45	-0.29	57.16	74.00	-16.84	peak
11	2495.520	42.92	-0.29	42.63	54.00	-11.37	AVG
12	2497.760	57.07	-0.27	56.80	74.00	-17.20	peak
13	2497.760	42.96	-0.27	42.69	54.00	-11.31	AVG

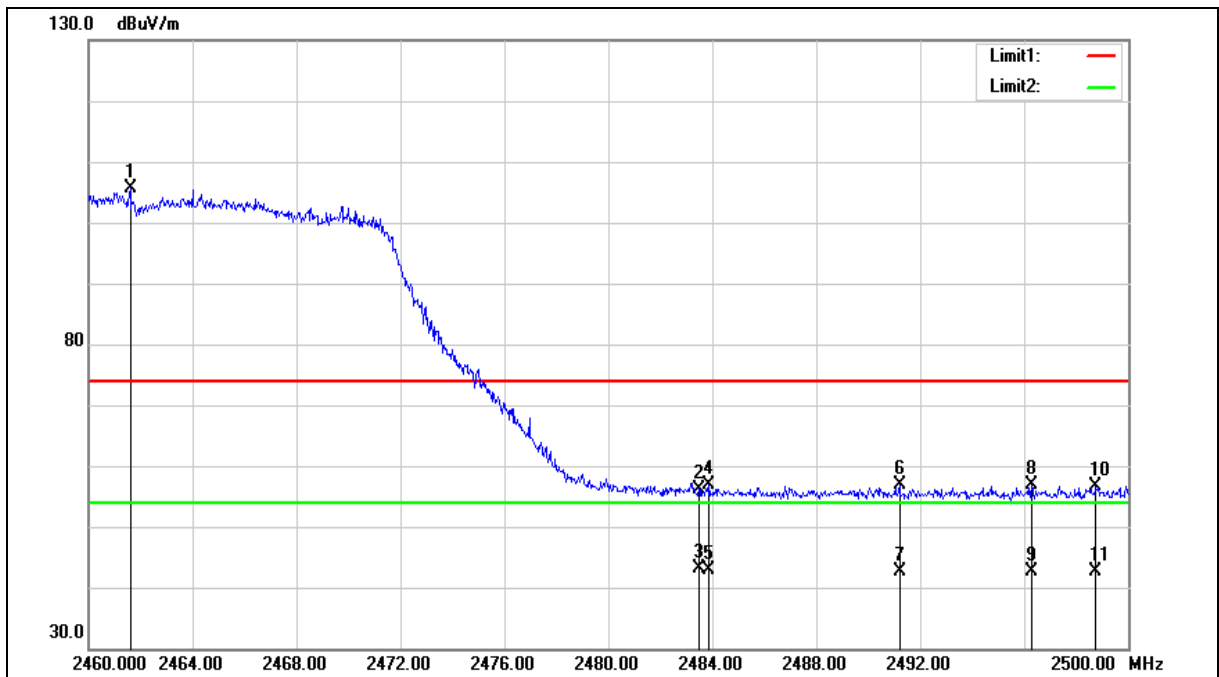
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2462 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2461.600	106.16	-0.46	105.70	--	--	peak
2	2483.500	56.47	-0.35	56.12	74.00	-17.88	peak
3	2483.500	43.59	-0.35	43.24	54.00	-10.76	AVG
4	2483.880	57.30	-0.34	56.96	74.00	-17.04	peak
5	2483.880	43.22	-0.34	42.88	54.00	-11.12	AVG
6	2491.200	57.22	-0.31	56.91	74.00	-17.09	peak
7	2491.200	42.92	-0.31	42.61	54.00	-11.39	AVG
8	2496.280	57.14	-0.28	56.86	74.00	-17.14	peak
9	2496.280	42.84	-0.28	42.56	54.00	-11.44	AVG
10	2498.760	56.88	-0.26	56.62	74.00	-17.38	peak
11	2498.760	42.90	-0.26	42.64	54.00	-11.36	AVG

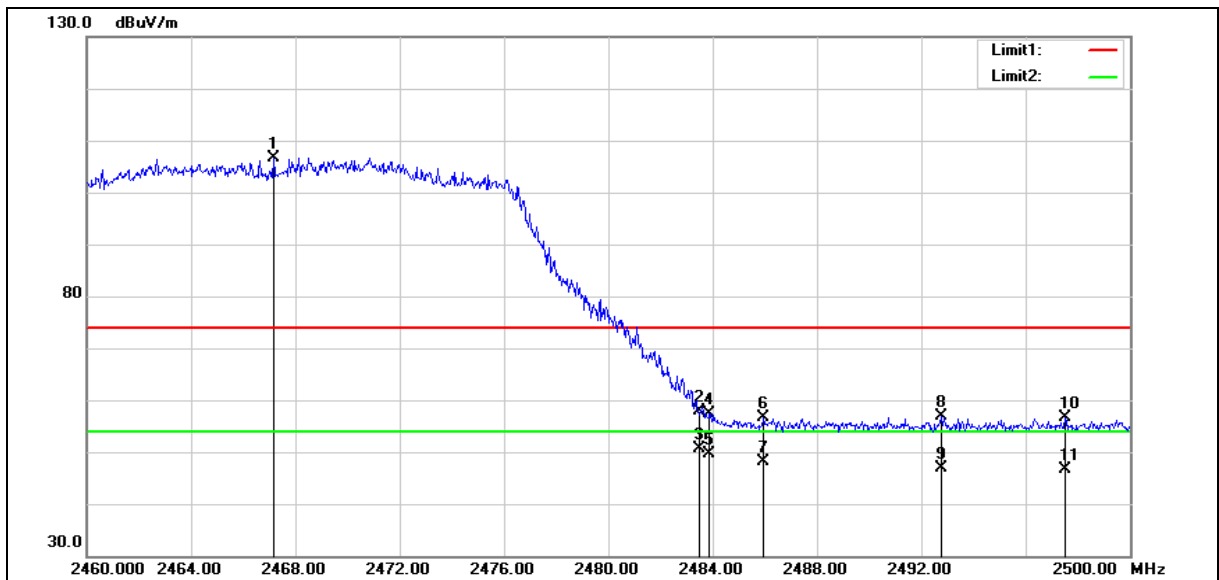
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2467.160	107.18	-0.48	106.70	--	--	peak
2	2483.500	58.18	-0.40	57.78	74.00	-16.22	peak
3	2483.500	50.93	-0.40	50.53	54.00	-3.47	AVG
4	2483.880	57.68	-0.39	57.29	74.00	-16.71	peak
5	2483.880	50.10	-0.39	49.71	54.00	-4.29	AVG
6	2485.960	56.95	-0.38	56.57	74.00	-17.43	peak
7	2485.960	48.52	-0.38	48.14	54.00	-5.86	AVG
8	2492.760	57.18	-0.34	56.84	74.00	-17.16	peak
9	2492.760	47.14	-0.34	46.80	54.00	-7.20	AVG
10	2497.520	56.92	-0.32	56.60	74.00	-17.40	peak
11	2497.520	46.94	-0.32	46.62	54.00	-7.38	AVG

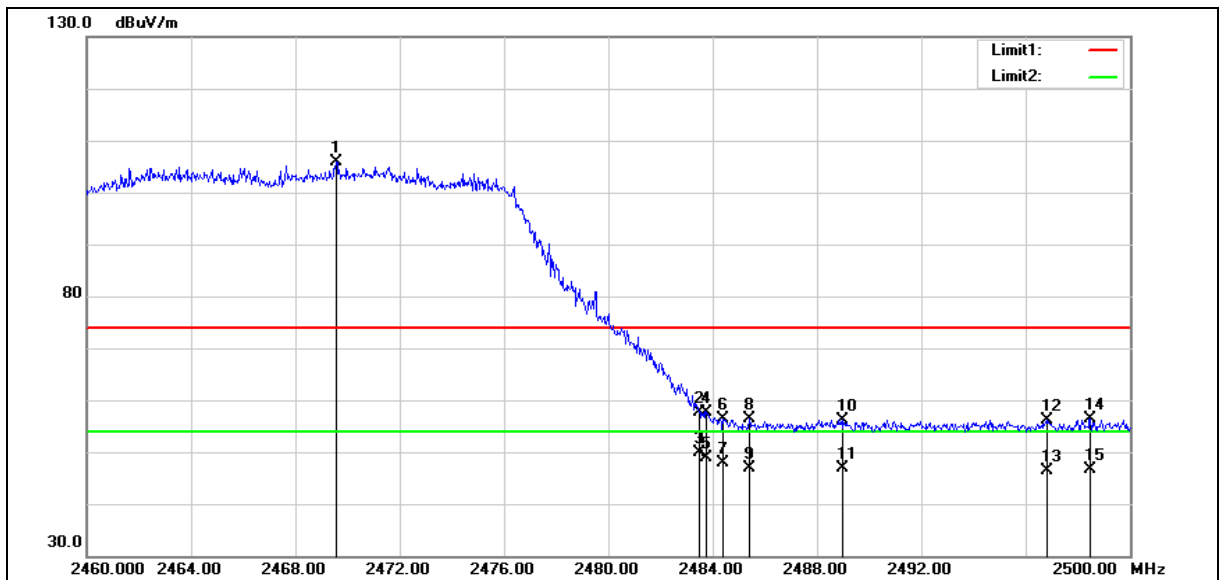
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2467 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2469.560	106.45	-0.46	105.99	--	--	peak
2	2483.500	58.04	-0.40	57.64	74.00	-16.36	peak
3	2483.500	50.39	-0.40	49.99	54.00	-4.01	AVG
4	2483.760	57.96	-0.40	57.56	74.00	-16.44	peak
5	2483.760	49.25	-0.40	48.85	54.00	-5.15	AVG
6	2484.400	56.87	-0.39	56.48	74.00	-17.52	peak
7	2484.400	48.25	-0.39	47.86	54.00	-6.14	AVG
8	2485.400	56.77	-0.39	56.38	74.00	-17.62	peak
9	2485.400	47.34	-0.39	46.95	54.00	-7.05	AVG
10	2489.000	56.58	-0.37	56.21	74.00	-17.79	peak
11	2489.000	47.18	-0.37	46.81	54.00	-7.19	AVG
12	2496.800	56.47	-0.33	56.14	74.00	-17.86	peak
13	2496.800	46.83	-0.33	46.50	54.00	-7.50	AVG
14	2498.480	56.71	-0.32	56.39	74.00	-17.61	peak
15	2498.480	46.94	-0.32	46.62	54.00	-7.38	AVG

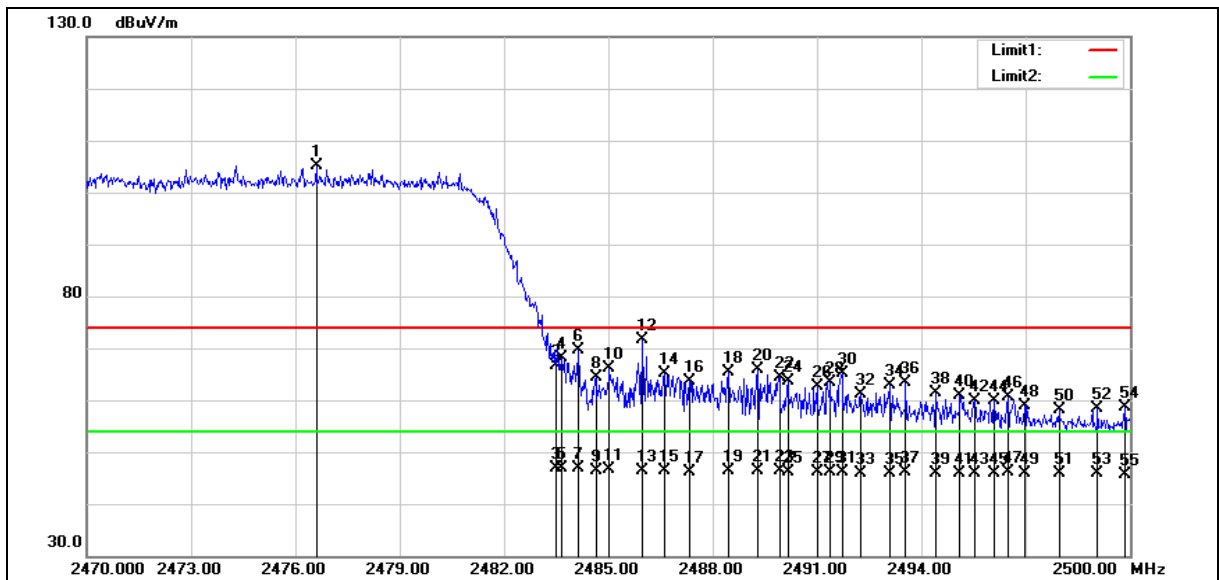
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2476.600	105.67	-0.43	105.24	--	--	peak
2	2483.500	66.93	-0.40	66.53	74.00	-7.47	peak
3	2483.500	47.31	-0.40	46.91	54.00	-7.09	AVG
4	2483.650	68.59	-0.40	68.19	74.00	-5.81	peak
5	2483.650	47.20	-0.40	46.80	54.00	-7.20	AVG
6	2484.130	69.96	-0.39	69.57	74.00	-4.43	peak
7	2484.130	47.18	-0.39	46.79	54.00	-7.21	AVG
8	2484.640	64.79	-0.39	64.40	74.00	-9.60	peak
9	2484.640	46.78	-0.39	46.39	54.00	-7.61	AVG
10	2485.030	66.61	-0.39	66.22	74.00	-7.78	peak
11	2485.030	47.06	-0.39	46.67	54.00	-7.33	AVG
12	2485.960	71.97	-0.38	71.59	74.00	-2.41	peak
13	2485.960	46.84	-0.38	46.46	54.00	-7.54	AVG
14	2486.620	65.46	-0.38	65.08	74.00	-8.92	peak
15	2486.620	46.72	-0.38	46.34	54.00	-7.66	AVG
16	2487.340	64.10	-0.37	63.73	74.00	-10.27	peak
17	2487.340	46.59	-0.37	46.22	54.00	-7.78	AVG
18	2488.450	65.84	-0.37	65.47	74.00	-8.53	peak
19	2488.450	46.75	-0.37	46.38	54.00	-7.62	AVG
20	2489.290	66.34	-0.37	65.97	74.00	-8.03	peak
21	2489.290	46.64	-0.37	46.27	54.00	-7.73	AVG
22	2489.920	64.64	-0.36	64.28	74.00	-9.72	peak
23	2489.920	46.66	-0.36	46.30	54.00	-7.70	AVG
24	2490.160	63.98	-0.36	63.62	74.00	-10.38	peak

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

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
25	2490.160	46.55	-0.36	46.19	54.00	-7.81	AVG
26	2491.000	63.04	-0.36	62.68	74.00	-11.32	peak
27	2491.000	46.47	-0.36	46.11	54.00	-7.89	AVG
28	2491.360	63.74	-0.35	63.39	74.00	-10.61	peak
29	2491.360	46.43	-0.35	46.08	54.00	-7.92	AVG
30	2491.720	65.36	-0.35	65.01	74.00	-8.99	peak
31	2491.720	46.50	-0.35	46.15	54.00	-7.85	AVG
32	2492.260	61.58	-0.35	61.23	74.00	-12.77	peak
33	2492.260	46.32	-0.35	45.97	54.00	-8.03	AVG
34	2493.100	63.26	-0.34	62.92	74.00	-11.08	peak
35	2493.100	46.23	-0.34	45.89	54.00	-8.11	AVG
36	2493.550	63.81	-0.34	63.47	74.00	-10.53	peak
37	2493.550	46.41	-0.34	46.07	54.00	-7.93	AVG
38	2494.420	61.66	-0.34	61.32	74.00	-12.68	peak
39	2494.420	46.22	-0.34	45.88	54.00	-8.12	AVG
40	2495.110	61.29	-0.34	60.95	74.00	-13.05	peak
41	2495.110	46.10	-0.34	45.76	54.00	-8.24	AVG
42	2495.530	60.16	-0.34	59.82	74.00	-14.18	peak
43	2495.530	46.14	-0.34	45.80	54.00	-8.20	AVG
44	2496.100	60.12	-0.33	59.79	74.00	-14.21	peak
45	2496.100	46.25	-0.33	45.92	54.00	-8.08	AVG
46	2496.490	60.85	-0.33	60.52	74.00	-13.48	peak
47	2496.490	46.34	-0.33	46.01	54.00	-7.99	AVG
48	2496.970	59.26	-0.33	58.93	74.00	-15.07	peak

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

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
49	2496.970	46.28	-0.33	45.95	54.00	-8.05	AVG
50	2497.960	58.52	-0.32	58.20	74.00	-15.80	peak
51	2497.960	46.20	-0.32	45.88	54.00	-8.12	AVG
52	2499.070	58.69	-0.31	58.38	74.00	-15.62	peak
53	2499.070	46.12	-0.31	45.81	54.00	-8.19	AVG
54	2499.850	58.89	-0.31	58.58	74.00	-15.42	peak
55	2499.850	46.05	-0.31	45.74	54.00	-8.26	AVG

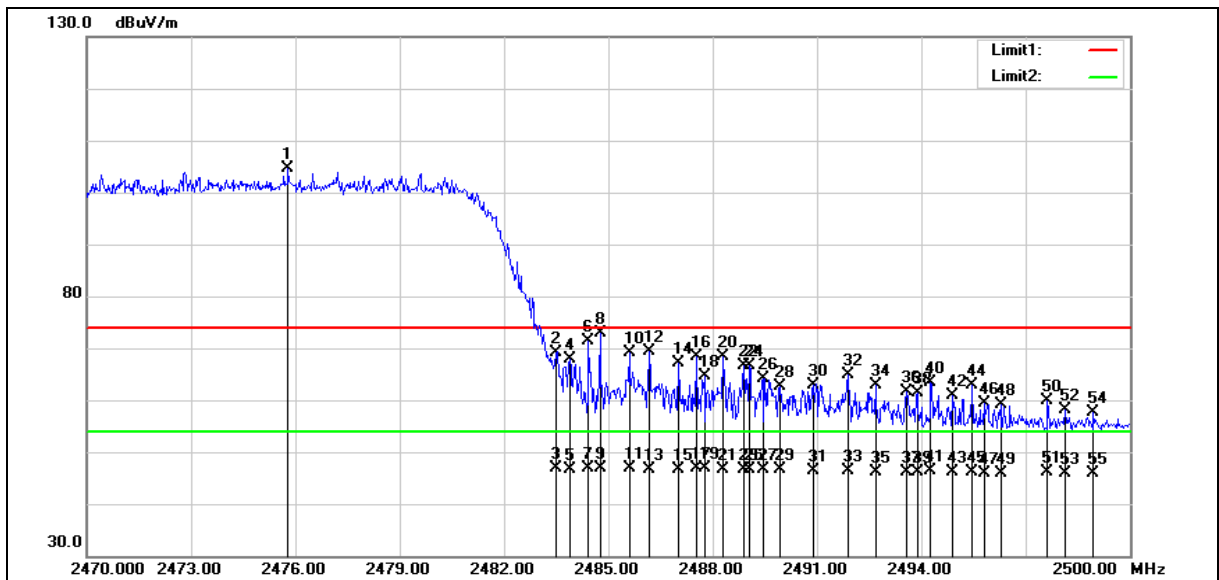
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2475.790	105.06	-0.43	104.63	--	--	peak
2	2483.500	69.57	-0.40	69.17	74.00	-4.83	peak
3	2483.500	47.18	-0.40	46.78	54.00	-7.22	AVG
4	2483.890	68.37	-0.39	67.98	74.00	-6.02	peak
5	2483.890	47.14	-0.39	46.75	54.00	-7.25	AVG
6	2484.430	71.73	-0.39	71.34	74.00	-2.66	peak
7	2484.430	47.31	-0.39	46.92	54.00	-7.08	AVG
8	2484.760	73.25	-0.39	72.86	74.00	-1.14	peak
9	2484.760	47.23	-0.39	46.84	54.00	-7.16	AVG
10	2485.600	69.39	-0.38	69.01	74.00	-4.99	peak
11	2485.600	47.17	-0.38	46.79	54.00	-7.21	AVG
12	2486.170	69.66	-0.38	69.28	74.00	-4.72	peak
13	2486.170	47.12	-0.38	46.74	54.00	-7.26	AVG
14	2487.010	67.48	-0.37	67.11	74.00	-6.89	peak
15	2487.010	47.06	-0.37	46.69	54.00	-7.31	AVG
16	2487.520	68.86	-0.37	68.49	74.00	-5.51	peak
17	2487.520	47.18	-0.37	46.81	54.00	-7.19	AVG
18	2487.760	64.89	-0.37	64.52	74.00	-9.48	peak
19	2487.760	47.26	-0.37	46.89	54.00	-7.11	AVG
20	2488.300	68.78	-0.37	68.41	74.00	-5.59	peak
21	2488.300	47.04	-0.37	46.67	54.00	-7.33	AVG
22	2488.900	67.06	-0.37	66.69	74.00	-7.31	peak
23	2488.900	47.09	-0.37	46.72	54.00	-7.28	AVG
24	2489.050	67.07	-0.37	66.70	74.00	-7.30	peak

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

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

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



Standard:	FCC Part 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
25	2489.050	46.99	-0.37	46.62	54.00	-7.38	AVG
26	2489.440	64.60	-0.37	64.23	74.00	-9.77	peak
27	2489.440	46.94	-0.37	46.57	54.00	-7.43	AVG
28	2489.920	62.91	-0.36	62.55	74.00	-11.45	peak
29	2489.920	47.01	-0.36	46.65	54.00	-7.35	AVG
30	2490.880	63.16	-0.36	62.80	74.00	-11.20	peak
31	2490.880	46.74	-0.36	46.38	54.00	-7.62	AVG
32	2491.900	65.11	-0.35	64.76	74.00	-9.24	peak
33	2491.900	46.67	-0.35	46.32	54.00	-7.68	AVG
34	2492.680	63.24	-0.34	62.90	74.00	-11.10	peak
35	2492.680	46.56	-0.34	46.22	54.00	-7.78	AVG
36	2493.580	61.91	-0.34	61.57	74.00	-12.43	peak
37	2493.580	46.52	-0.34	46.18	54.00	-7.82	AVG
38	2493.880	61.71	-0.34	61.37	74.00	-12.63	peak
39	2493.880	46.47	-0.34	46.13	54.00	-7.87	AVG
40	2494.270	63.77	-0.34	63.43	74.00	-10.57	peak
41	2494.270	46.60	-0.34	46.26	54.00	-7.74	AVG
42	2494.900	61.18	-0.34	60.84	74.00	-13.16	peak
43	2494.900	46.42	-0.34	46.08	54.00	-7.92	AVG
44	2495.470	63.11	-0.34	62.77	74.00	-11.23	peak
45	2495.470	46.44	-0.34	46.10	54.00	-7.90	AVG
46	2495.800	59.66	-0.33	59.33	74.00	-14.67	peak
47	2495.800	46.23	-0.33	45.90	54.00	-8.10	AVG
48	2496.280	59.35	-0.33	59.02	74.00	-14.98	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 15.247	Test Distance:	3 m
Test item:	Band edge	Power:	AC 120 V/60 Hz
Frequency:	2472 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
49	2496.280	46.28	-0.33	45.95	54.00	-8.05	AVG
50	2497.630	60.21	-0.32	59.89	74.00	-14.11	peak
51	2497.630	46.33	-0.32	46.01	54.00	-7.99	AVG
52	2498.140	58.34	-0.32	58.02	74.00	-15.98	peak
53	2498.140	46.14	-0.32	45.82	54.00	-8.18	AVG
54	2498.950	58.04	-0.31	57.73	74.00	-16.27	peak
55	2498.950	46.08	-0.31	45.77	54.00	-8.23	AVG

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

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

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

SYSTEM 1 Basic

Below 1 GHz

Standard:	FCC Part 15.247			Test Distance:	3 m		
Test item:	Radiated Emission			Power:	AC 120 V/60 Hz		
Frequency:	2462 MHz			Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH		
Mode:	Mode 4						
Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Ant.Polar. H / V
30.9700	38.16	-7.67	30.49	40.00	-9.51	QP	H
242.4300	45.14	-6.31	38.83	46.00	-7.17	QP	H
396.6600	42.47	-2.34	40.13	46.00	-5.87	QP	H
572.2300	36.89	1.38	38.27	46.00	-7.73	QP	H
726.4600	32.61	4.23	36.84	46.00	-9.16	QP	H
836.0700	30.45	6.14	36.59	46.00	-9.41	QP	H
31.9400	44.37	-7.64	36.73	40.00	-3.27	QP	V
93.0500	45.77	-11.86	33.91	43.50	-9.59	QP	V
242.4300	40.01	-6.31	33.70	46.00	-12.30	QP	V
528.5800	38.26	0.23	38.49	46.00	-7.51	QP	V
682.8100	32.99	3.29	36.28	46.00	-9.72	QP	V
894.2700	28.12	7.33	35.45	46.00	-10.55	QP	V

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

Example: 30.49=-7.67+38.16.

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

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

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