RF Test Report

Applicant	:	Meter Inc
Product Type	:	Meter wireless access point
Trade Name	:	meter
Model Number	:	MW06
Applicable Standard	:	FCC 47 CFR PART 15 SUBPART E ANSI C63.10:2013
Received Date	:	Nov. 30, 2021
Test Period	:	Dec. 09, 2021 ~ Jan. 28, 2022
Issued Date	:	Jan. 28, 2022

Issued by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade District,
Taoyuan City 334025, Taiwan (R.O.C.)
Tel：+886-3-2710188 / Fax：+886-3-2710190

Taiwan Accreditation Foundation accreditation number: 1330
Frequency Range : 9 kHz to 40 GHz
Test Firm MRA designation number: TW0010

Note:

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

Revision History

Rev.	Issued Date	Revisions	Revised By
00	Jan. 28, 2022	Initial Issue	Emma Chao

Verification of Compliance

Applicant	:	Meter Inc
Product Type	:	Meter wireless access point
Trade Name	:	meter
Model Number	:	MW06
FCC ID	:	2AVVV-MW06
Applicable Standard	:	FCC 47 CFR PART 15 SUBPART E ANSI C63.10:2013
Test Result	:	Complied
Performing Lab.	:	A Test Lab Techno Corp. No. 140-1, Changan Street, Bade District, Taoyuan City 334025, Taiwan (R.O.C.) Tel：+886-3-2710188 / Fax：+886-3-2710190 Taiwan Accreditation Foundation accreditation number: 1330 http://www.atl-lab.com.tw/e-index.htm

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

Approved By : Kai Yu Yang

(Kai Yu Yang)

TABLE OF CONTENTS

1 General Information

1.1. Summary of Test Result

Standard	Item	Result	Remark
15.407(b)(9) 15.207	AC Power Conducted Emission	PASS	---
15.407(b) 15.205 / 15.209	Transmitter Radiated Emissions	PASS	---
15.407(a)	Maximum Conducted Output Power	PASS	---
15.407(a)	26 dB RF Bandwidth	Reference	---
15.407(e)	6 dB RF Bandwidth	PASS	---
15.407(a)	Maximum Power Spectral Density	PASS	---
15.407(c)	Automatically discontinue transmission	PASS	---
15.407(a) 15.203	Antenna Requirement	PASS	---

Decision Rule

■ Uncertainty is not included.

□ Uncertainty is included.

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

1.2. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty
Conducted Emission	150 kHz ~ 30 MHz	2.7 dB
Radiated Emission	9 kHz ~ 30 MHz	2.2 dB
	30 MHz ~ 1000 MHz	5.1 dB
	1000 MHz ~ 18000 MHz	5.2 dB
	18000 MHz ~ 26500 MHz	4.6 dB
	26500 MHz ~ 40000 MHz	4.6 dB
Conducted Output Power		1.1 dB
RF Bandwidth		4.7 %
Power Spectral Density		1.1 dB
Frequency Stability		1.3 x 10^-7
Duty Cycle		1.1 %
Time Occupancy		1.5 %

2 EUT Description

Applicant	Meter Inc 548 Market St., PMB 22716, San Francisco, CA 94104-5401				
Product Type	Meter wireless access point				
Trade Name	meter				
Model Number	MW06				
FCC ID	2AVVV-MW06				
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels	
	IEEE 802.11a	U-NII Band 1	5180 – 5240	4	
		U-NII Band 3	5745 – 5825	5	
	IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz	U-NII Band 1	5180 – 5240	4	
		U-NII Band 3	5745 – 5825	5	
	IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz	U-NII Band 1	5190 – 5230	2	
		U-NII Band 3	5755 – 5795	2	
	IEEE 802.11ac 80 MHz	U-NII Band 1	5210	1	
		U-NII Band 3	5775	1	
Modulation Type	OFDM				
Equipment Type	Client devices				
Antenna information	Antenna	Model	Type	Max. Gain (dBi)	
	QCA9884-5G				
	ANT-0	5718A0350300	Metal PIFA Antenna	U-NII Band 1	4.78
				U-NII Band 3	5.07
	ANT-1	5718A0351300	Metal PIFA Antenna	U-NII Band 1	4.61
				U-NII Band 3	5.5
	ANT-2	5718A0352300	Metal PIFA Antenna	U-NII Band 1	4.31
				U-NII Band 3	5.36
	ANT-3	5718A0353300	Metal PIFA Antenna	U-NII Band 1	4.15
				U-NII Band 3	5.84
	Antenna	Model	Type	Max. Gain (dBi)	
	QCA9889				
	ANT-0	5718A0643300	Metal PIFA Antenna	U-NII Band 1	5.14
				U-NII Band 3	5.14
Antenna Delivery	Reference section 3.1				
Operate Temp. Range	0 ~ +40 ℃				
EUT Power Rating	DC 12 V, 2 A				

QCA9884-5G

Frequency Band		RF Output Power (W)
IEEE 802.11a	U-NII Band 1	0.181
	U-NII Band 3	0.334
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	0.265
	U-NII Band 3	0.271
IEEE 802.11n 5 GHz 40 MHz	U-NII Band 1	0.252
	U-NII Band 3	0.230
IEEE 802.11ac 20 MHz	U-NII Band 1	0.271
	U-NII Band 3	0.276
IEEE 802.11ac 40 MHz	U-NII Band 1	0.257
	U-NII Band 3	0.232
IEEE 802.11ac 80 MHz	U-NII Band 1	0.055
	U-NII Band 3	0.272

Beamforming on

Frequency Band		RF Output Power (W)
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	0.061
	U-NII Band 3	0.059
IEEE 802.11n 5 GHz 40 MHz	U-NII Band 1	0.058
	U-NII Band 3	0.055
IEEE 802.11ac 20 MHz	U-NII Band 1	0.063
	U-NII Band 3	0.060
IEEE 802.11ac 40 MHz	U-NII Band 1	0.059
	U-NII Band 3	0.057
IEEE 802.11ac 80 MHz	U-NII Band 1	0.013
	U-NII Band 3	0.063

QCA9889

Frequency Band		RF Output Power (W)
IEEE 802.11a	U-NII Band 1	0.008
	U-NII Band 3	0.006
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	0.008
	U-NII Band 3	0.007
IEEE 802.11n 5 GHz 40 MHz	U-NII Band 1	0.007
	U-NII Band 3	0.006
IEEE 802.11ac 20 MHz	U-NII Band 1	0.008
	U-NII Band 3	0.007
IEEE 802.11ac 40 MHz	U-NII Band 1	0.007
	U-NII Band 3	0.006
IEEE 802.11ac 80 MHz	U-NII Band 1	0.007
	U-NII Band 3	0.006

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

3 Test Methodology

3.1. Mode of Operation

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

Pre-Test Mode
Mode 1: Transmit mode
Mode 2: IEEE 802.11a Continuous TX mode
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode
Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode
Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode
Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode

Final-Test Mode
Mode 2: IEEE 802.11a Continuous TX mode
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode
Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode
Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode

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

Note 1: Investigation has been done on all the possible configurations for searching the worst cases (VHT20/VHT40 covers HT20/HT40). The table is a list of the test modes show in this test report.
Note 2: The Output power used by Scan Radio Antenna is Low Power, so only Output power and Power Density are evaluated.

QCA9884-5G

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

Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 2	4TX / 4RX (CDD)	6	U-NII Band 1	36, 40, 44, 48
			U-NII Band 3	149, 153,157, 161, 165
Mode 3	4TX / 4RX (STBC/Beamforming on)	26	U-NII Band 1	36, 40, 44, 48
			U-NII Band 3	149, 153,157, 161, 165
Mode 4	4TX / 4RX (STBC/Beamforming on)	54	U-NII Band 1	38, 46
			U-NII Band 3	151,159
Mode 5	4TX / 4RX (STBC/Beamforming on)	26	U-NII Band 1	36, 40, 44, 48
			U-NII Band 3	149, 153,157, 161, 165
Mode 6	4TX / 4RX (STBC/Beamforming on)	54	U-NII Band 1	38, 46
			U-NII Band 3	151,159
Mode 7	4TX / 4RX (STBC/Beamforming on)	117.2	U-NII Band 1	42
			U-NII Band 3	155

QCA9889

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

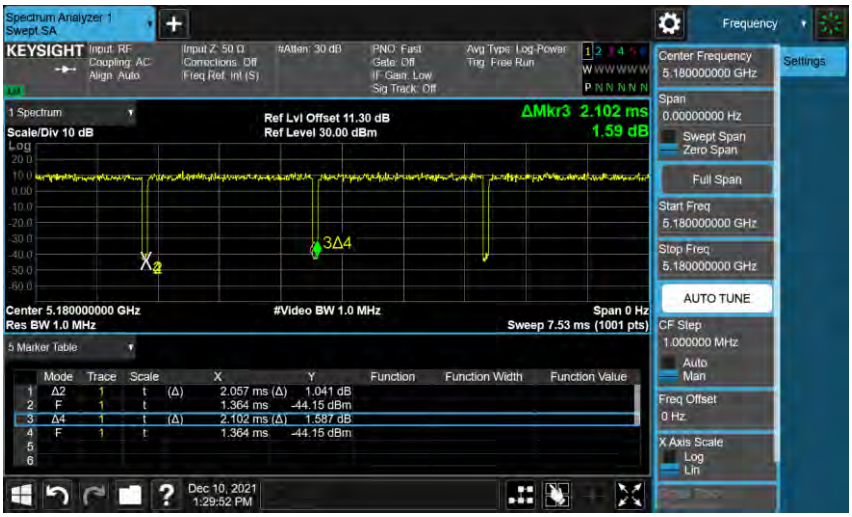
Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 2	1TX / 1RX	6	U-NII Band 1	36, 40, 44, 48
			U-NII Band 3	149, 153,157, 161, 165
Mode 3	1TX / 1RX	6.5	U-NII Band 1	36, 40, 44, 48
			U-NII Band 3	149, 153,157, 161, 165
Mode 4	1TX / 1RX	13.5	U-NII Band 1	38, 46
			U-NII Band 3	151,159
Mode 5	1TX / 1RX	6.5	U-NII Band 1	36, 40, 44, 48
			U-NII Band 3	149, 153,157, 161, 165
Mode 6	1TX / 1RX	13.5	U-NII Band 1	38, 46
			U-NII Band 3	151,159
Mode 7	1TX / 1RX	29.3	U-NII Band 1	42
			U-NII Band 3	155

QCA9884-5G

Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	5180.0	2.040	2.105	0.969	0.136	0.490
Mode 5	5180.0	1.910	1.975	0.967	0.145	0.524
Mode 6	5190.0	0.945	1.005	0.940	0.267	1.058
Mode 7	5210.0	0.465	0.525	0.886	0.527	2.151

Duty Cycle Graphs

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

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode	
On+off time	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode	
On+off time	

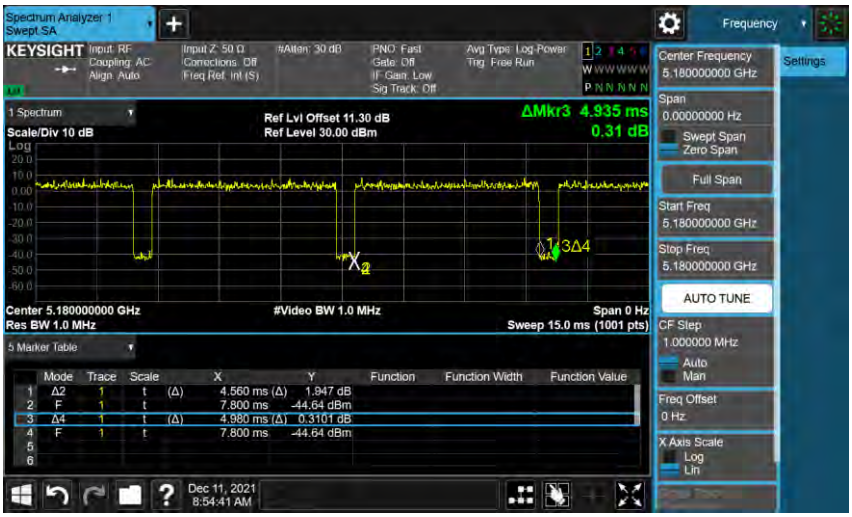
Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode	
On+off time	

Beamforming on

Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 5	5180.0	4.560	4.980	0.916	0.383	0.219
Mode 6	5190.0	2.448	2.471	0.991	0.041	0.010
Mode 7	5210.0	1.150	1.195	0.962	0.167	0.870

Duty Cycle Graphs

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode	
On+off time	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode	
On+off time	

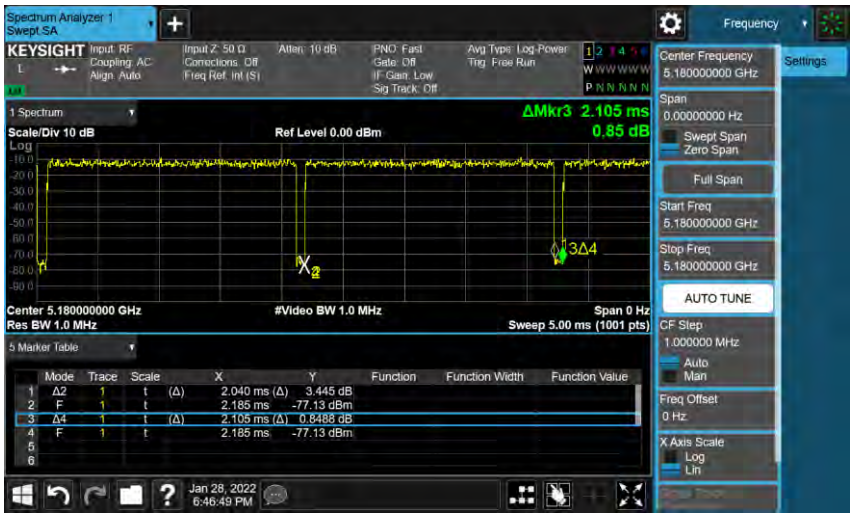
Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode	
On+off time	

QCA9889

Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	5180.0	2.040	2.105	0.969	0.136	0.490
Mode 5	5180.0	1.910	1.975	0.967	0.145	0.524
Mode 6	5190.0	0.945	1.005	0.940	0.267	1.058
Mode 7	5210.0	0.465	0.525	0.886	0.527	2.151

Duty Cycle Graphs

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

Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode	
On+off time	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode	
On+off time	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode	
On+off time	

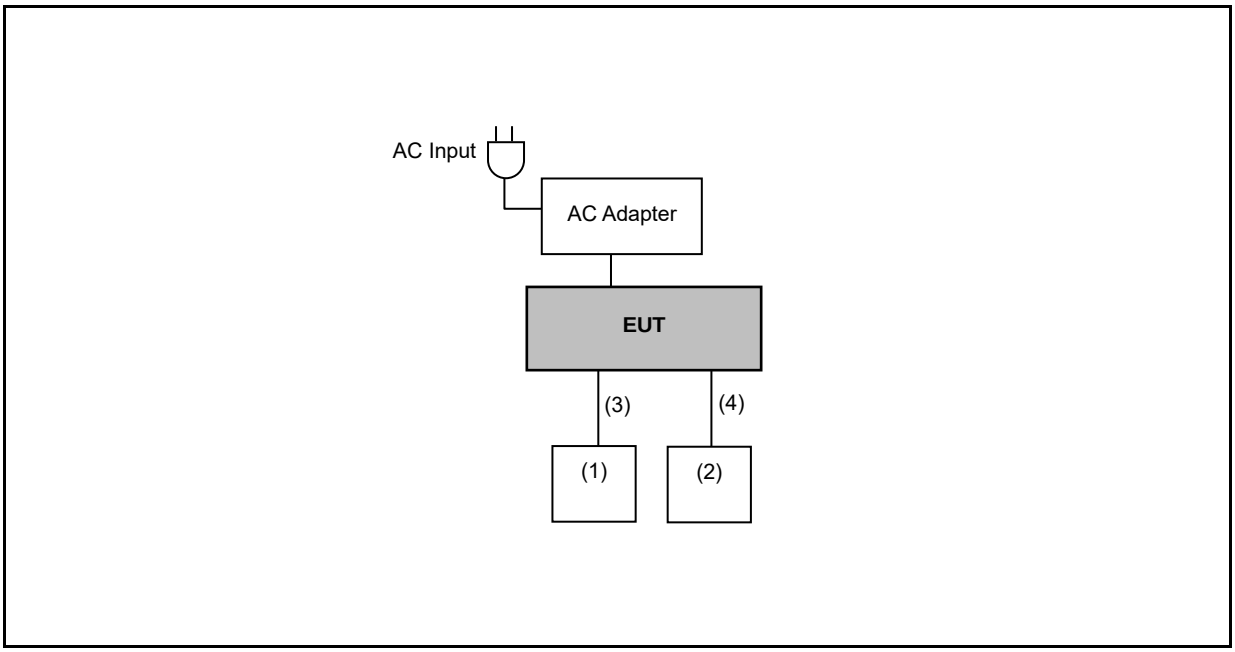
3.2. EUT Test Step

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

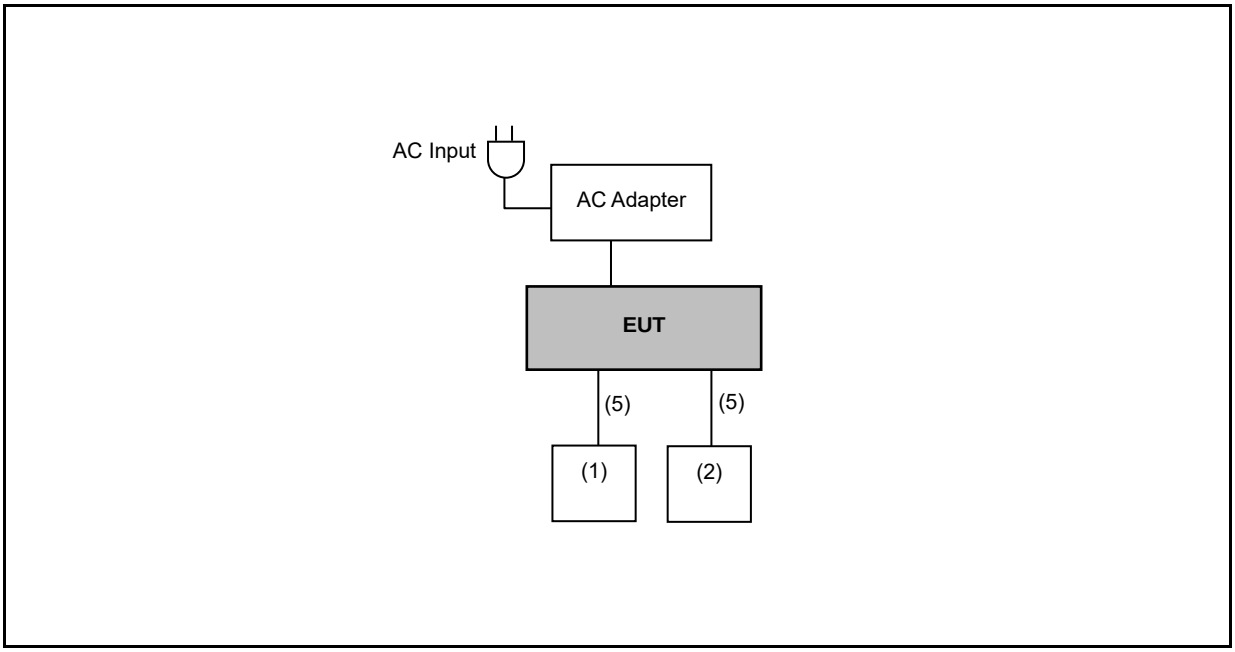
1.	Setup the EUT shown on “Configuration of Test System Details”.
2.	Turn on the power of all equipment.
3.	Turn on TX function.
4.	EUT run test program.

3.3. Configuration of Test System Details

Conducted Emissions



Radiated Emission



Devices Description					
Product		Manufacturer	Model Number	Serial Number	Remark
(1)	Notebook	Acer	N19C1	---	---
(2)	Notebook	ASUS	P2430U	---	---
(3)	LAN Cable	TATUNG	CAT5E	---	---
(4)	LAN Cable	SERVICEPRO	CAT6	---	---
(5)	LAN Cable	TATUNG	CAT5E	---	---

3.4. Test Instruments

For Conducted Emission
Test Period: Dec. 18, 2021
Testing Engineer: Chi Chang

Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Test Receiver	R&S	ESCI	100367	May 21, 2021	1 year
☐	Test Receiver	R&S	ESCI	100722	Nov. 02, 2021	1 year
☐	Test Receiver	R&S	ESCI	101000	Nov. 26, 2021	1 year
☒	LISN	R&S	ENV216	101040	Mar. 29, 2021	1 year
☒	LISN	R&S	ENV216	101041	Apr. 08, 2021	1 year
☐	RF Cable	Woken	00100D1380194M	TE-02-03	May 28, 2021	1 year
☒	Software	EZ EMC	1.1.4.3	N/A	N.C.R.	---

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

For Conducted
Test Period: Dec. 09, 2021 ~ Jan. 28, 2022
Testing Engineer: Brian Lin, Louis Shen

Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☐	Power Sensor	Anritsu	MA2411B	1126022	Sep. 03, 2021	1 year
☐	Power Meter	Anritsu	ML2495A	1135009	Sep. 03, 2021	1 year
☒	Power Sensor	Agilent	N1921A	MY45241957	Dec. 06, 2021	1 year
☒	Power Meter	Agilent	N1911A	MY45101619	Dec. 06, 2021	1 year
☒	Spectrum Analyzer (10 Hz~26.5 GHz)	Keysight	N9010B	MY59071418	Mar. 17, 2021	1 year
☐	Spectrum Analyzer (9 kHz~26.5 GHz)	Agilent	N9010A	MY48030518	Jul. 23, 2021	1 year
☐	Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	Sep. 09, 2021	1 year
☐	Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	Mar. 30, 2021	1 year
☐	Signal Generator	Keysight	N5182B	MY53052569	Apr. 20, 2021	1 year
☐	Signal Generator	Keysight	N5182BX07	MY59360221	Apr. 20, 2021	1 year
☐	Bluetooth Tester	R&S	CBT	100350	Mar. 17, 2021	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 02, 2021	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Feb. 01, 2021	1 year
☐	RF Communication Test Set	HP	8920A	3344A03297	Aug. 10, 2021	1 year

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

For Radiated Emissions
Test Period: Dec. 16, 2021 ~ Jan. 21, 2022
Testing Engineer: Pink Li, Marc Yeh, Hung Chou

Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Spectrum Analyzer (2 Hz~50 GHz)	Keysight	N9030B	MY57143537	Apr. 19, 2021	1 year
☒	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	Jan. 15, 2021 Jan. 14, 2022	1 year
☐	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A10961	Jul. 06, 2021	1 year
☐	Broadband Amplifier (100 kHz~1 GHz)	Titan	T0910E00014330A1F	001	Jul. 23, 2021	1 year
☐	Amplifier (1 GHz~26.5 GHz)	Agilent	8449B	3008A02237	Oct. 21, 2021	1 year
☒	Broadband Amplifier (1 GHz~26.5 GHz)	Titan	T0912E01263025A1F	002	Jul. 26, 2021	1 year
☒	Preamplifier (26.5 GHz~40 GHz)	EMCI	EMC2654045	980028	Aug. 19, 2021	1 year
☒	Loop Antenna (9 kHz~30 MHz)	COM-POWER CORPORATION	AL-130	121014	Apr. 07, 2021	1 year
☒	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	01146	Jul. 19, 2021	1 year
☐	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	416	Nov. 17, 2021	1 year
☒	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	02207	Jul. 09, 2021	1 year
☐	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	9120D-550	Aug. 24, 2021	1 year
☒	Broadband Horn Antenna (18 GHz~40 GHz)	Schwarzbeck Mess-Elektronik	9170	9170-320	Aug. 24, 2021	1 year
☐	Horn Antenna (18 GHz~40 GHz)	ETS	3116	00086467	Dec. 03, 2021	1 year
☐	RF Cable	EMCI	EMC104-N-N-6000	TE01-1	Feb. 19, 2021	1 year
☐	Microwave Cable	EMCI	EMC104-SM-SM-13000	170814	Feb. 19, 2021	1 year
☐	Microwave Cable	EMCI	EMC102-KM-KM-14000	151001	Feb. 19, 2021	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A100	J11005	Aug. 06, 2021	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A900	J11004	Aug. 06, 2021	1 year
☒	Coaxial Cable	Titan	CFD400NL-LW	001	Aug. 06, 2021	1 year
☒	Bluetooth Tester	R&S	CBT	100350	Mar. 17, 2021	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 02, 2021	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Feb. 01, 2021	1 year
☒	Software	EZ EMC	1.1.4.4	N/A	N.C.R.	---

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

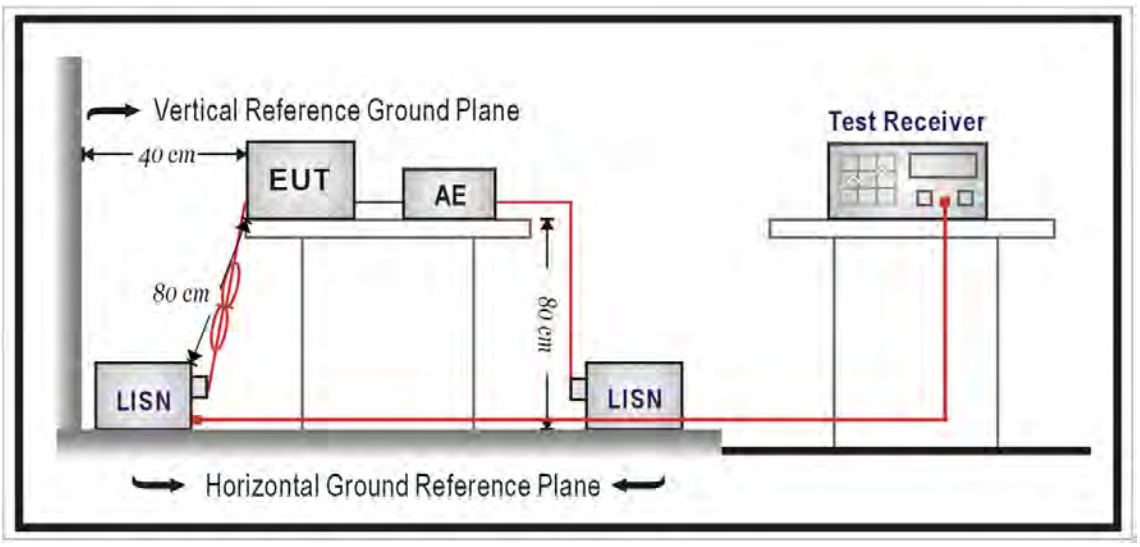
4 Measurement Procedure

4.1. AC Power Conducted Emission Measurement

■ **Limit**

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

■ **Test Setup**



■ **Test Procedure**

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

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

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

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

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

4.2. Transmitter Radiated Emissions Measurement

■ **Limit**

(1)Undesirable emission limits. Except as shown in paragraph (b)(9) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

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

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

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

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

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

EIRP (dBm)	Field Strength at 3 m(dBuV/m)
-27	68.3

(2)Limits of Radiated Emission Measurement

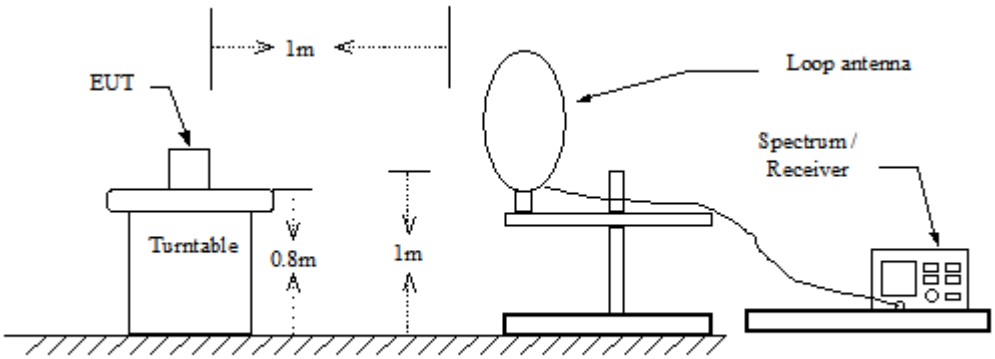
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

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

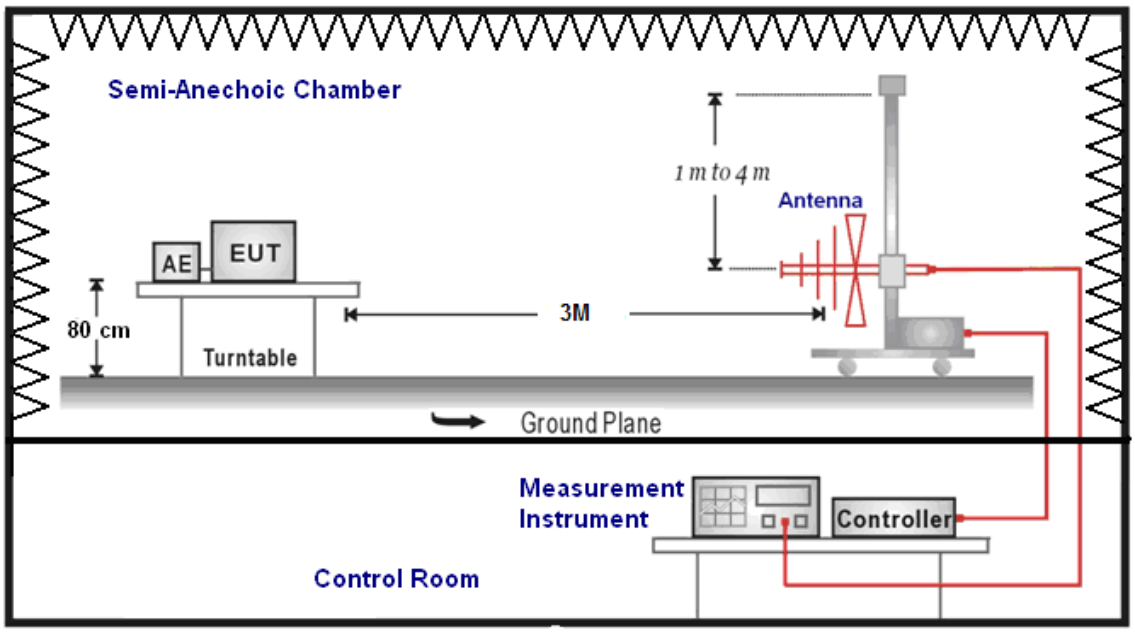
Note: 1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed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

■ **Setup**

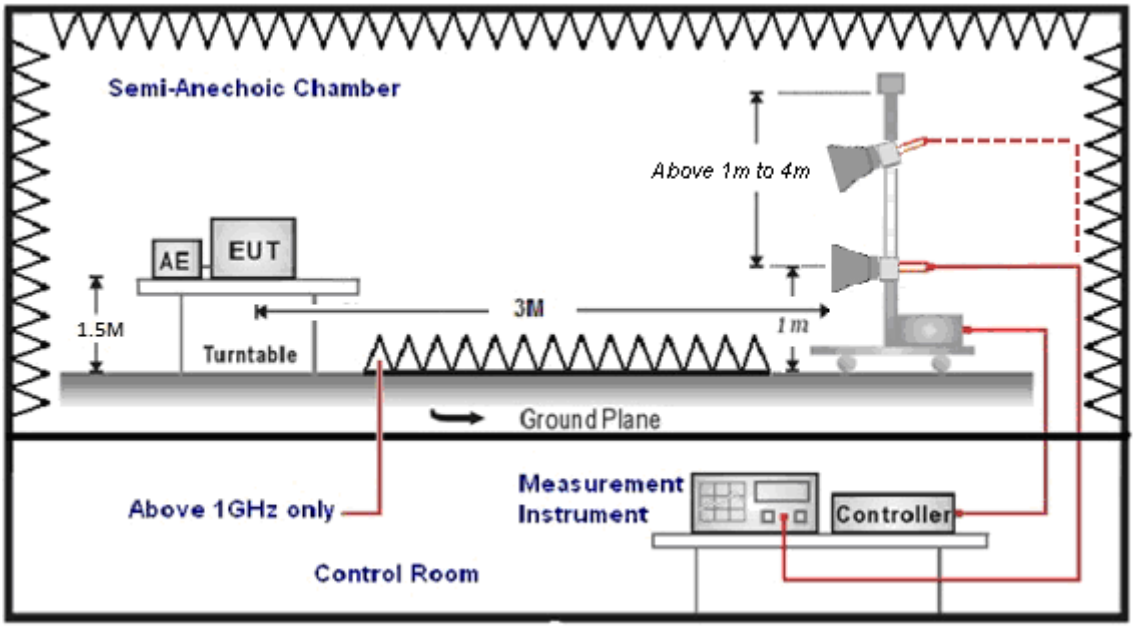
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz


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

■ **Test Procedure**

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 or 1.5 meters height(below 1 GHz use 0.8 m turntable / above 1 GHz use 1.5 m turntable), top surface 1.0 x 1.5 meter. The spectrum was examined from 250 MHz to 2.5 GHz in order to cover the whole spectrum below 10th harmonic which could generate from the EUT. During the test, EUT was set to transmit continuously & Measurements spectrum range from 9 kHz to 40 GHz is investigated.
For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.
For restricted measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 3 MHz for peak measurements and 10 Hz for average measurements when Duty cycle > 0.98 / 1/T for average measurements when Duty cycle < 0.98.
For out of band measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 3 MHz for peak measurements.
A nonconductive material surrounded the EUT to supporting the EUT for standing on tree orthogonal planes. At each condition, the EUT was rotated 360 degrees, and the antenna was raised and lowered from one to four meters to find the maximum emission levels. Measurements were taken using both horizontal and vertical antenna polarization.
SCHWARZBECK MESS-ELEKTRONIK Trilog-Broadband Antenna at 3 Meter and the ETS-Lindgren Double-Ridged Waveguide Horn antnna Schwarzbeck Mess-Elektronik Broadband Horn Antenna was used in frequencies 1 – 40 GHz at a distance of 3 meter. The antenna at an angle toward the source of the emission.All test results were extrapolated to equivalent signal at 3 meters utilizing an inverse linear distance extrapolation Factor (20 dB/decade).

For testing above 1 GHz, the emission level of the EUT in peak mode was 20 dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
Appropriate preamplifiers were used for improving sensitivity and precautions were taken to avoid overloading or desensitizing the spectrum analyzer. No post – detector video filters were used in the test.
The spectrum analyzer's 6 dB bandwidth was set to 1 MHz, and the analyzer was operated in the peak detection mode, for frequencies both below and up 1 GHz. The average levels were obtained by subtracting the duty cycle correction factor from the peak readings.
The following procedures were used to convert the emission levels measured in decibels referenced to 1 microvolt (dBuV) into field intensity in micro volts pre meter (uV/m).
The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro colts per meter (dBuV/m).

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.

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

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

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

Measuring Instruments and setting

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

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

4.3. Maximum Conducted Output Power and Transmit power control Measurement

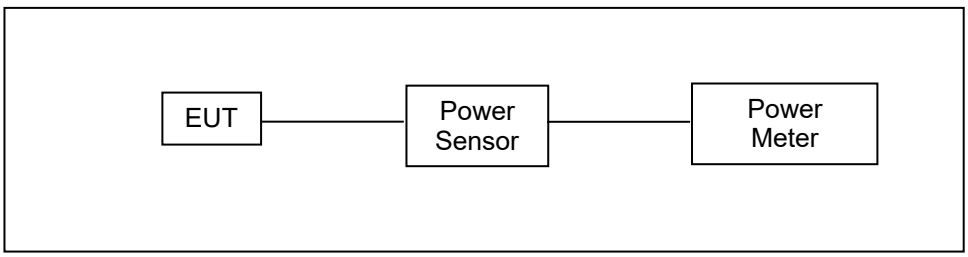
■ **Limit**

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

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

IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz / IEEE 802.11n 5 GHz 40 MHz /
IEEE 802.11ac 40 / IEEE 802.11ac 80
BF mode
Band I：
＊ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 10.49 dBi > 6 dBi
＊ Power Limit = 30 - 4.49 = 25.51 dBm
Band III：
＊ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 11.47 dBi > 6 dBi
＊ Power Limit =30 - 5.47 = 24.53 dBm

■ **Test Setup**



■ **Test Procedure**

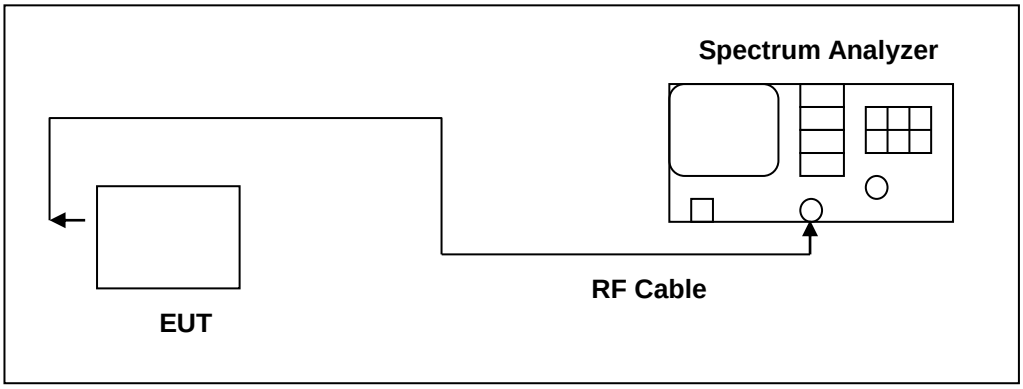
The test is performed in accordance with ANSI C63.10:2013 section 12.3.3.2, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices
Section (E) Maximum Conducted Output Power
3. Measurement using a Power Meter (PM)
b) Method PM-G (Measurement using a gated RF average power meter)

4.4. 26 dB RF Bandwidth Measurement

■ **Limit**

N/A

■ **Test Setup**



■ **Test Procedure**

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

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

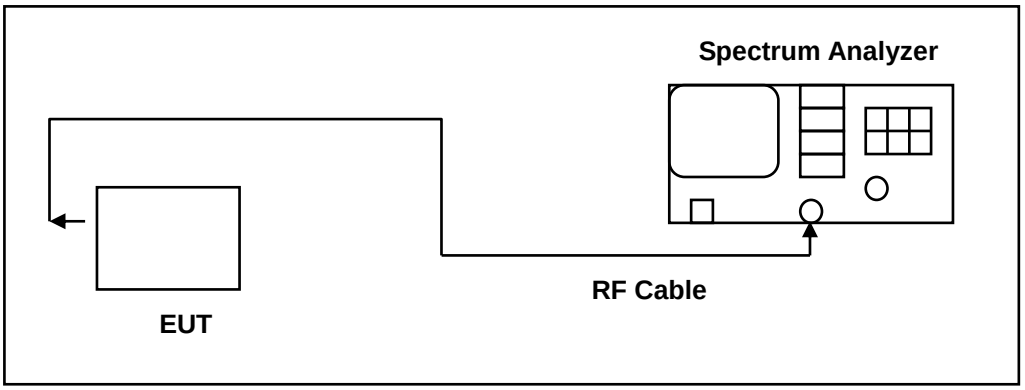
4.5. 6 dB RF Bandwidth Measurement

■ **Limit**

6 dB RF Bandwidth

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

■ **Test Setup**



■ **Test Procedure**

6 dB RF Bandwidth

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

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

The test was performed at 3 channels.

4.6. Maximum Power Spectral Density Measurement

■ **Limit**

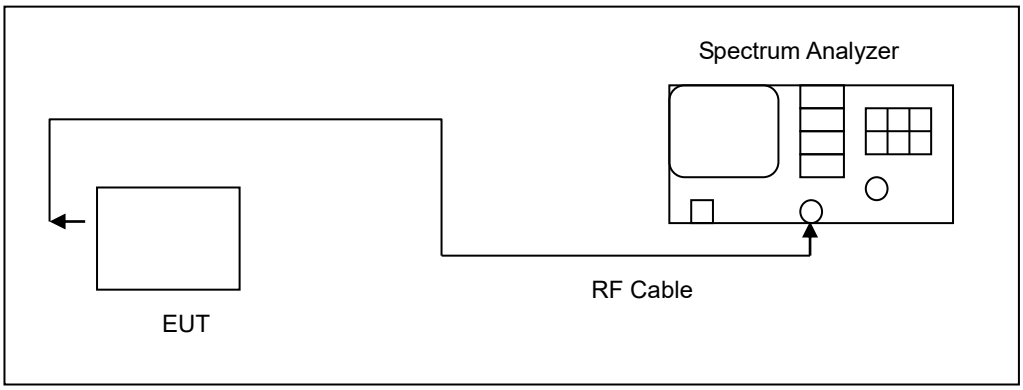
Frequency Range (MHz)	FCC Limit
	Master
5.150 ~ 5.250 GHz	17 dBm/MHz
5.250 ~ 5.350 GHz	11 dBm/MHz
5.470 ~ 5.725 GHz	11 dBm/MHz
5.725 ~ 5.850 GHz	30 dBm/500 kHz

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

IEEE 802.11a
Band I：
∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 10.49 dBi > 6 dBi
∗ Power Limit = 17 - 4.49 = 12.51 dBm/MHz
Band III：
∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 11.47 dBi > 6 dBi
∗ Power Limit = 30 - 5.47 = 24.53 dBm/500kHz

IEEE 802.11ac 20 MHz / IEEE 802.11ac 40 / IEEE 802.11ac 80
BF mode
Band I：
∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 10.49 dBi > 6 dBi
∗ Conducted Power Spectral Density Limit = 17 - 4.49 = 12.51 dBm/MHz
Band III：
∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 11.47 dBi > 6 dBi
∗ Conducted Power Spectral Density Limit = 30 - 5.47 = 24.53 dBm/500kHz

■ **Test Setup**



■ **Test Procedure**

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

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

4.7. Automatically discontinue transmission

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

- **Declare**

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

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

4.8. Antenna Requirement

- **Requirement**

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

- **Antenna Connector Construction**

See section 2 – antenna information.

For Maximum Conducted Output Power

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

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band 1	4.47
	U-NII Band 3	5.45
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	4.47
	U-NII Band 3	5.45
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	4.47
	U-NII Band 3	5.45
IEEE 802.11ac 20 MHz	U-NII Band 1	4.47
	U-NII Band 3	5.45
IEEE 802.11ac 40 MHz	U-NII Band 1	4.47
	U-NII Band 3	5.45
IEEE 802.11ac 80 MHz	U-NII Band 1	4.47
	U-NII Band 3	5.45

For Maximum Power Density

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

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band 1	10.49
	U-NII Band 3	11.47
IEEE 802.11ac 20 MHz	U-NII Band 1	4.47
	U-NII Band 3	5.45
IEEE 802.11ac 40 MHz	U-NII Band 1	4.47
	U-NII Band 3	5.45
IEEE 802.11ac 80 MHz	U-NII Band 1	4.47
	U-NII Band 3	5.45

Beamforming on

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

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	10.49
	U-NII Band 3	11.47
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	10.49
	U-NII Band 3	11.47
IEEE 802.11ac 20 MHz	U-NII Band 1	10.49
	U-NII Band 3	11.47
IEEE 802.11ac 40 MHz	U-NII Band 1	10.49
	U-NII Band 3	11.47
IEEE 802.11ac 80 MHz	U-NII Band 1	10.49
	U-NII Band 3	11.47

For Maximum Power Density

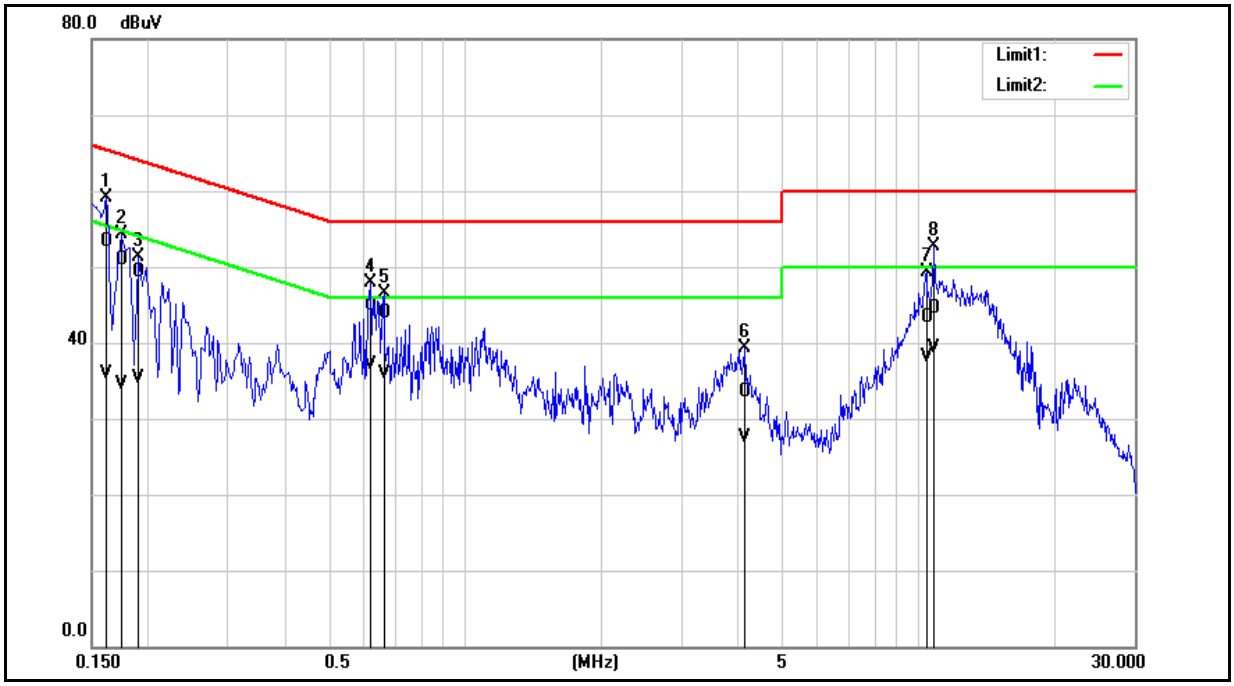
Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT}

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ac 20 MHz	U-NII Band 1	10.49
	U-NII Band 3	11.47
IEEE 802.11ac 40 MHz	U-NII Band 1	10.49
	U-NII Band 3	11.47
IEEE 802.11ac 80 MHz	U-NII Band 1	10.49
	U-NII Band 3	11.47

5 Test Results

5.1. Conducted Emission

Standard:	FCC Part 15.407	Line:	L1
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Test Mode:	Mode 1		
Description:			

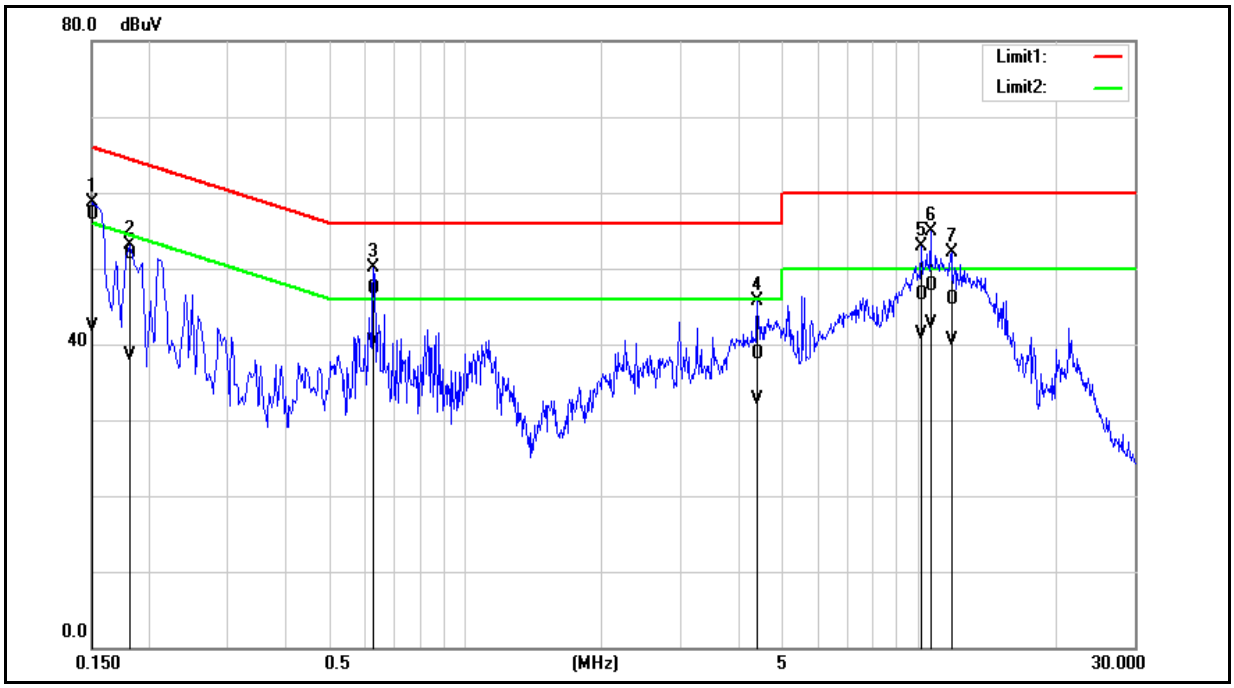


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1620	43.59	26.18	9.74	53.33	35.92	65.36	55.36	-12.03	-19.44	Pass
2	0.1740	41.13	24.85	9.74	50.87	34.59	64.77	54.77	-13.90	-20.18	Pass
3	0.1900	39.55	25.60	9.74	49.29	35.34	64.04	54.04	-14.75	-18.70	Pass
4	0.6180	35.10	27.46	9.74	44.84	37.20	56.00	46.00	-11.16	-8.80	Pass
5	0.6620	34.06	26.14	9.75	43.81	35.89	56.00	46.00	-12.19	-10.11	Pass
6	4.1420	23.74	17.68	9.85	33.59	27.53	56.00	46.00	-22.41	-18.47	Pass
7	10.4220	33.28	28.22	9.98	43.26	38.20	60.00	50.00	-16.74	-11.80	Pass
8	10.8340	34.57	29.42	9.98	44.55	39.40	60.00	50.00	-15.45	-10.60	Pass

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

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

Standard:	FCC Part 15.407	Line:	N
Test item:	Conducted Emission	Power:	AC 120 V/60 Hz
Test Mode:	Mode 1		
Description:			



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	47.29	32.47	9.74	57.03	42.21	66.00	56.00	-8.97	-13.79	Pass
2	0.1820	42.09	28.75	9.73	51.82	38.48	64.39	54.39	-12.57	-15.91	Pass
3	0.6300	37.53	30.51	9.74	47.27	40.25	56.00	46.00	-8.73	-5.75	Pass
4	4.4220	28.81	22.81	9.86	38.67	32.67	56.00	46.00	-17.33	-13.33	Pass
5	10.1660	36.46	31.25	9.99	46.45	41.24	60.00	50.00	-13.55	-8.76	Pass
6	10.6660	37.70	32.63	10.01	47.71	42.64	60.00	50.00	-12.29	-7.36	Pass
7	11.8420	35.85	30.46	10.03	45.88	40.49	60.00	50.00	-14.12	-9.51	Pass

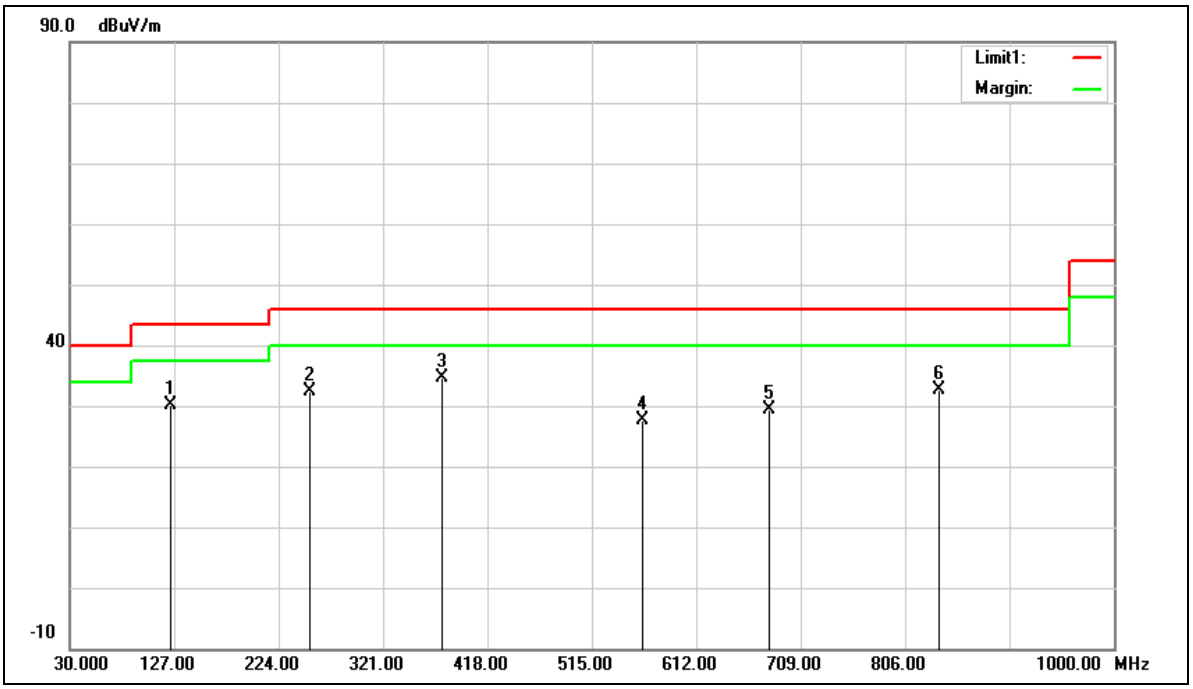
Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

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

5.2. Radiated Emission Measurement

Below 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Radiated Emission		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



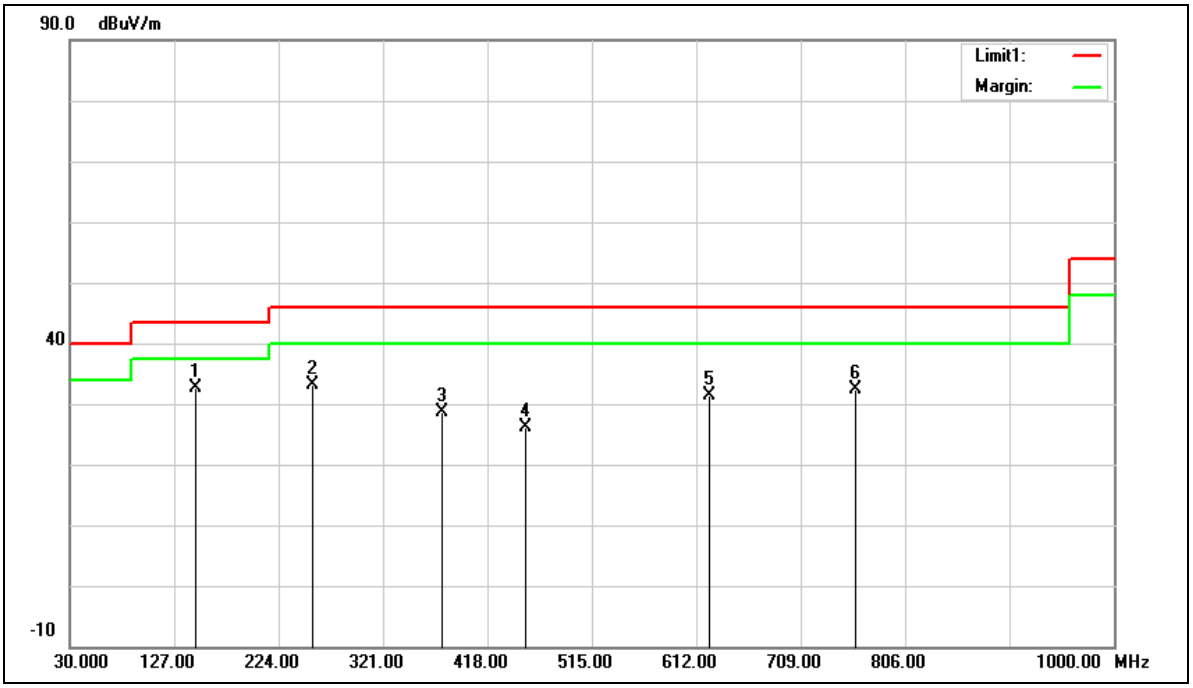
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	123.1200	39.22	-9.15	30.07	43.50	-13.43	QP
2	253.1000	39.24	-6.92	32.32	46.00	-13.68	QP
3	375.3200	38.53	-3.96	34.57	46.00	-11.43	QP
4	562.5300	28.07	-0.52	27.55	46.00	-18.45	QP
5	679.9000	27.65	1.79	29.44	46.00	-16.56	QP
6	838.0100	28.14	4.43	32.57	46.00	-13.43	QP

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Radiated Emission		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	147.3700	39.55	-6.83	32.72	43.50	-10.78	QP
2	255.0400	39.94	-6.85	33.09	46.00	-12.91	QP
3	375.3200	32.49	-3.96	28.53	46.00	-17.47	QP
4	452.9200	28.59	-2.51	26.08	46.00	-19.92	QP
5	624.6100	30.61	0.83	31.44	46.00	-14.56	QP
6	760.4100	29.39	3.09	32.48	46.00	-13.52	QP

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

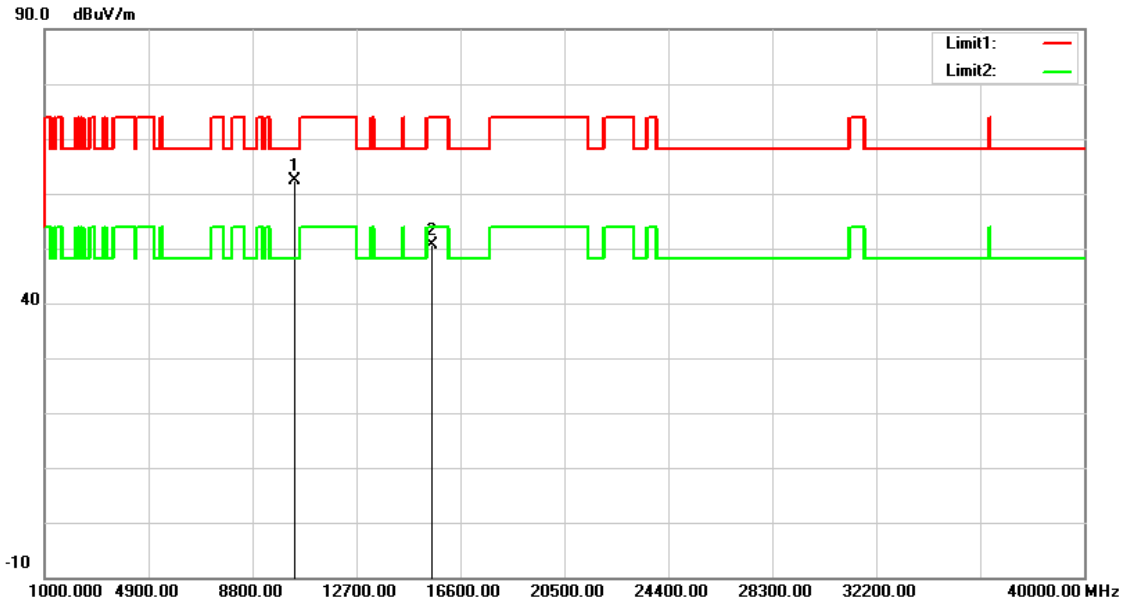
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Harmonic

Above 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



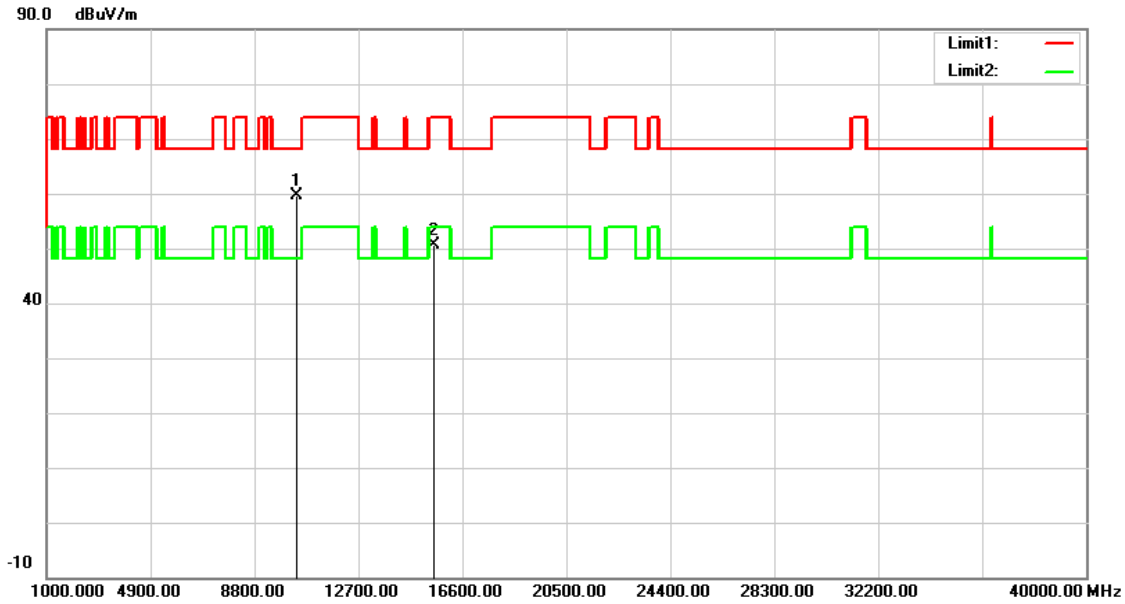
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	48.10	14.29	62.39	68.20	-5.81	peak
2	15540.000	33.87	16.86	50.73	74.00	-23.27	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



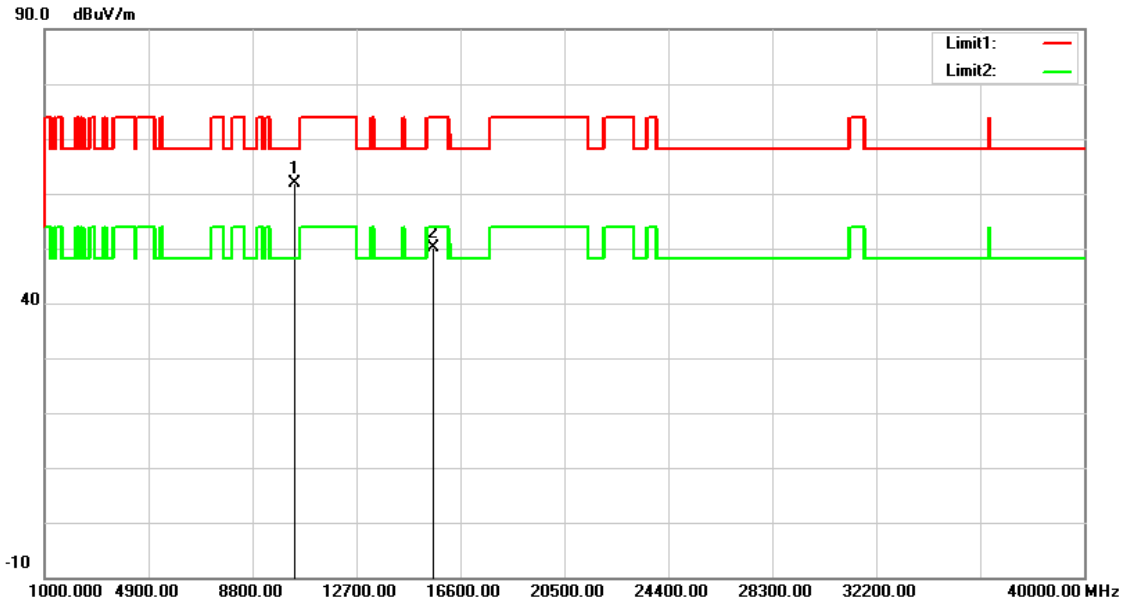
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	45.45	14.29	59.74	68.20	-8.46	peak
2	15540.000	33.70	16.86	50.56	74.00	-23.44	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



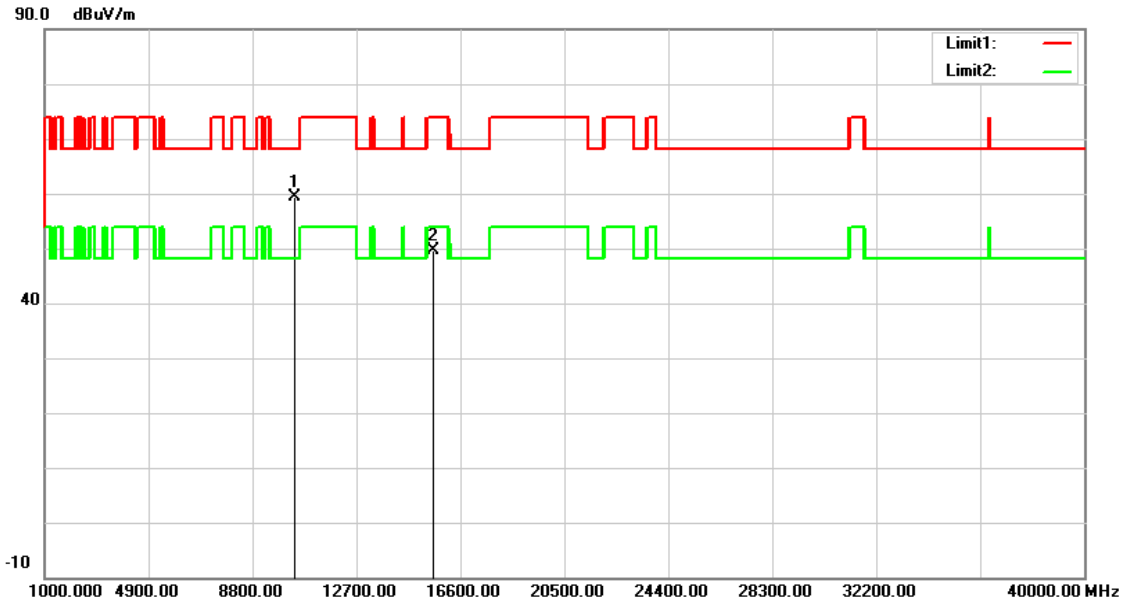
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	47.43	14.38	61.81	68.20	-6.39	peak
2	15600.000	33.46	16.65	50.11	74.00	-23.89	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



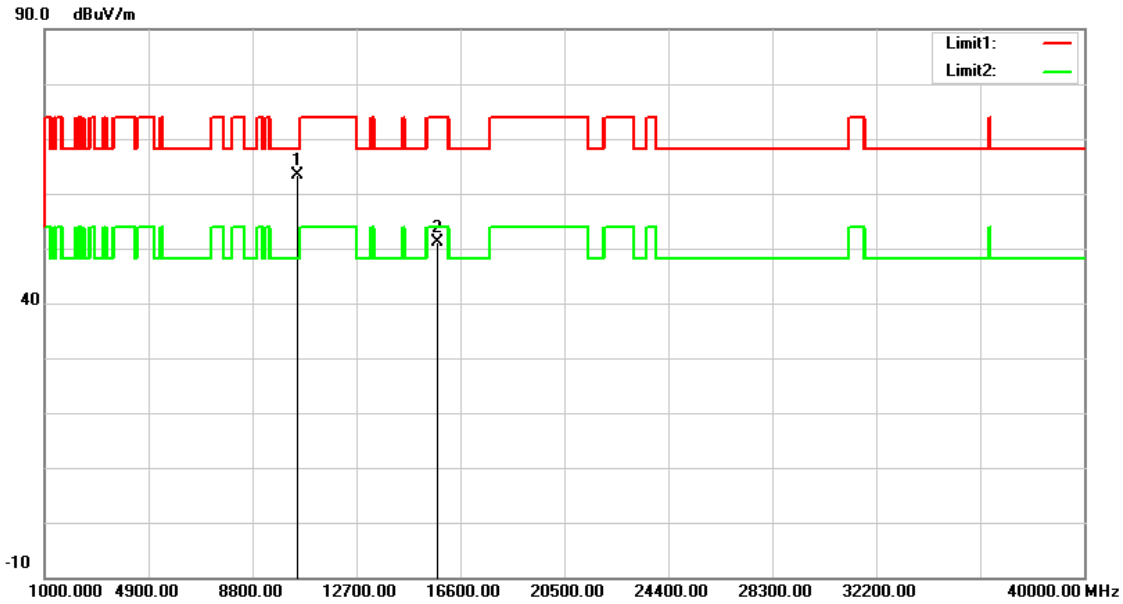
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	44.93	14.38	59.31	68.20	-8.89	peak
2	15600.000	32.86	16.65	49.51	74.00	-24.49	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



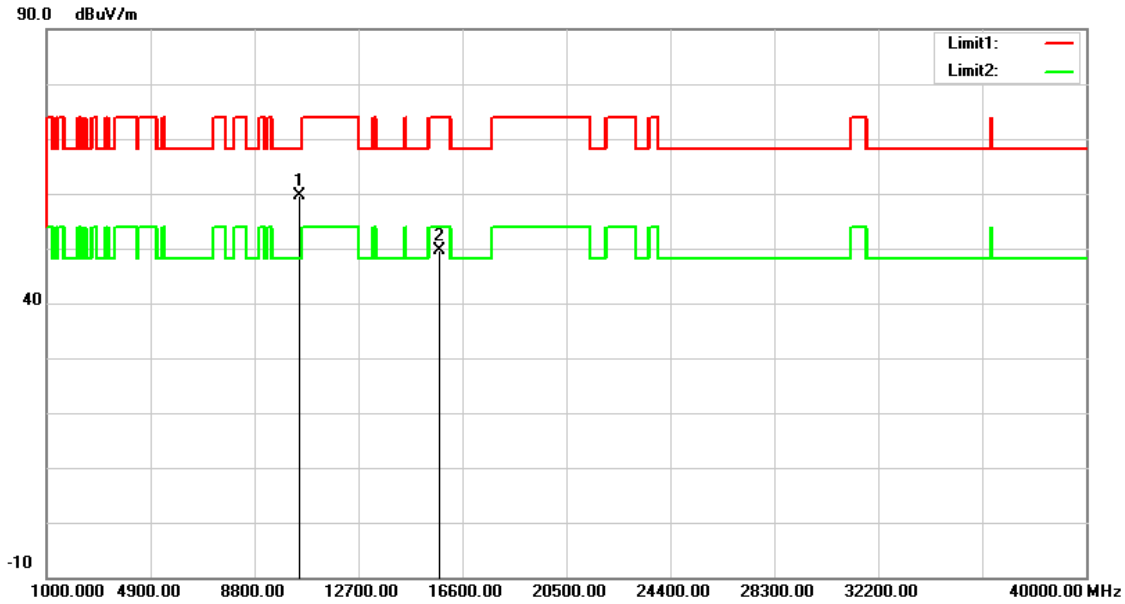
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	48.73	14.55	63.28	68.20	-4.92	peak
2	15720.000	34.96	16.24	51.20	74.00	-22.80	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



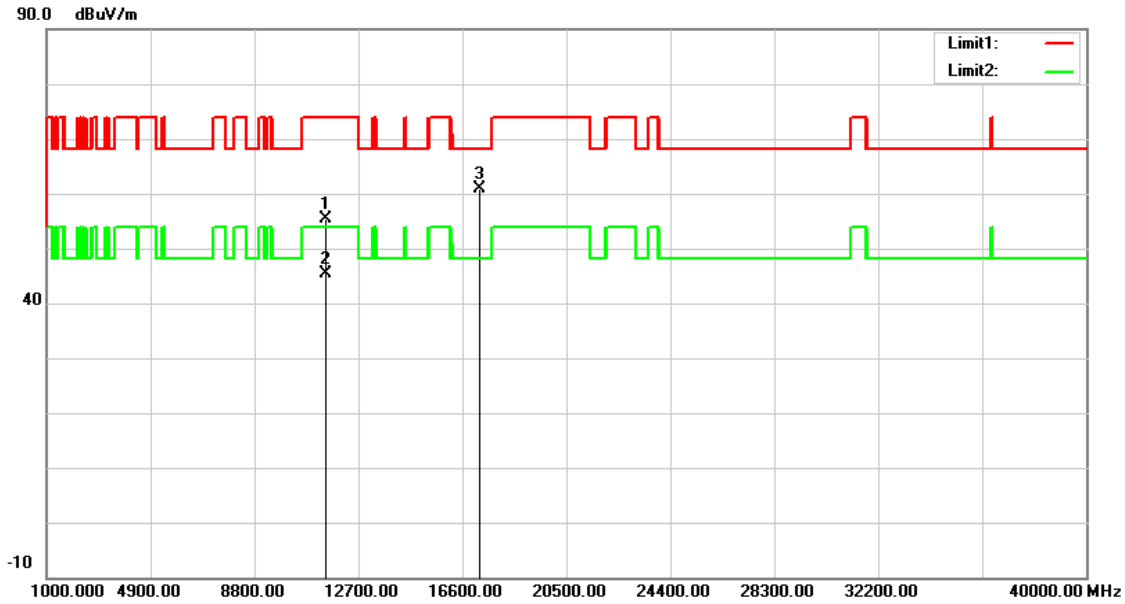
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	45.06	14.55	59.61	68.20	-8.59	peak
2	15720.000	33.42	16.24	49.66	74.00	-24.34	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



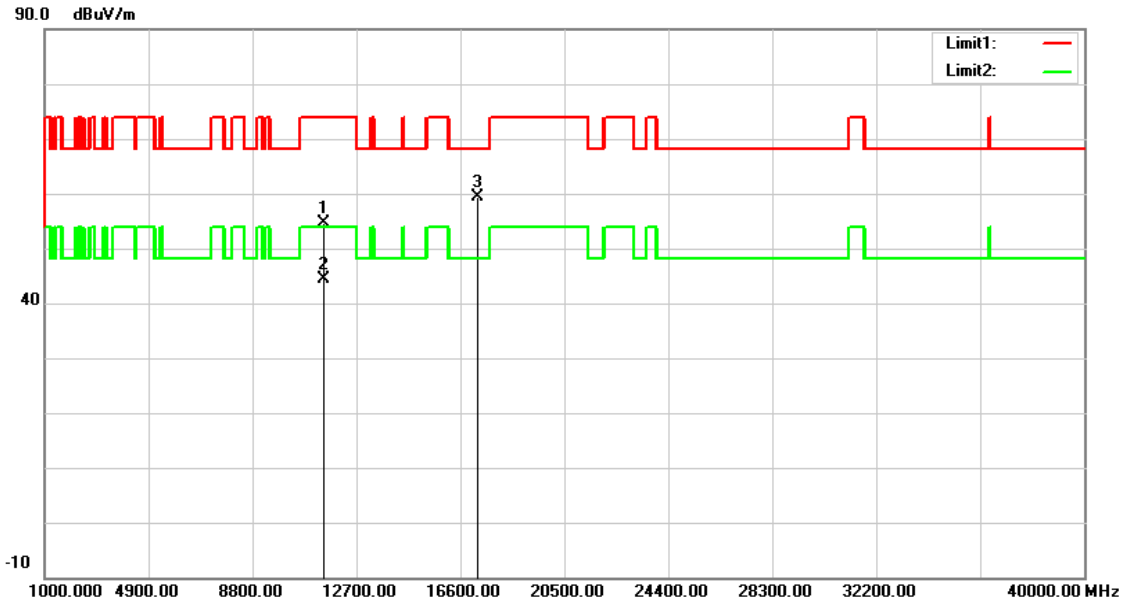
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	39.91	15.39	55.30	74.00	-18.70	peak
2	11490.000	29.93	15.39	45.32	54.00	-8.68	AVG
3	17235.000	39.18	21.71	60.89	68.20	-7.31	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



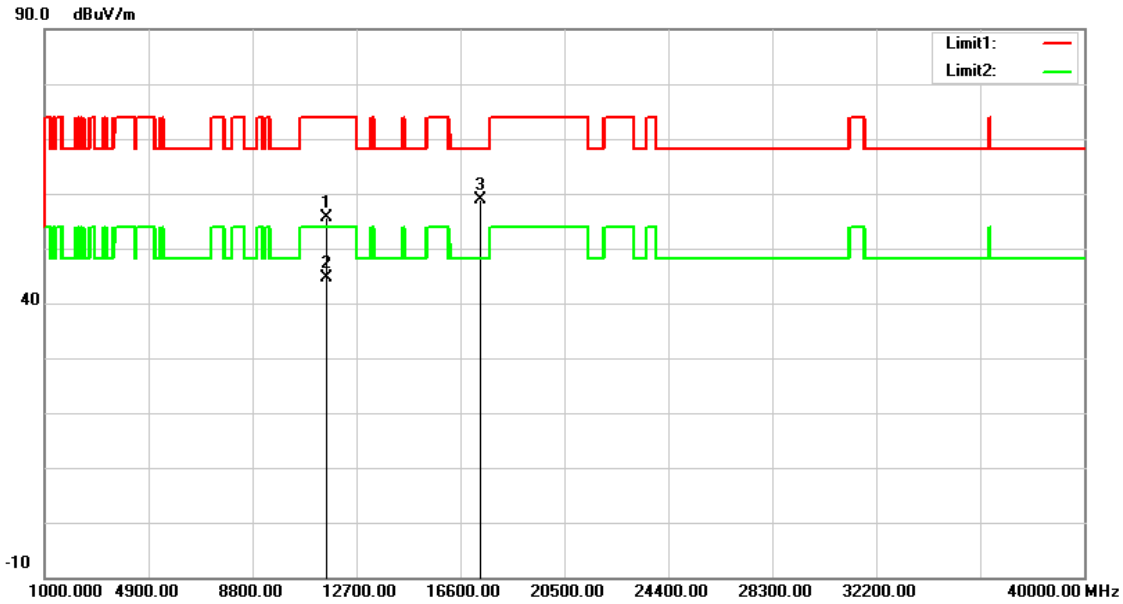
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	39.19	15.39	54.58	74.00	-19.42	peak
2	11490.000	29.11	15.39	44.50	54.00	-9.50	AVG
3	17235.000	37.69	21.71	59.40	68.20	-8.80	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



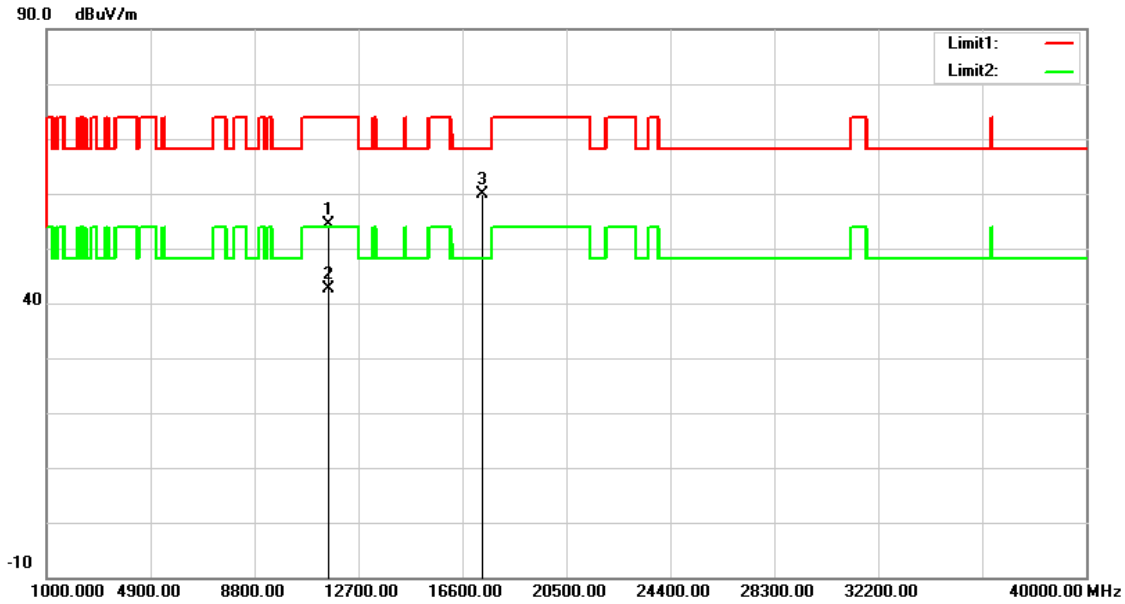
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	40.48	15.25	55.73	74.00	-18.27	peak
2	11570.000	29.33	15.25	44.58	54.00	-9.42	AVG
3	17355.000	36.56	22.42	58.98	68.20	-9.22	peak

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 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



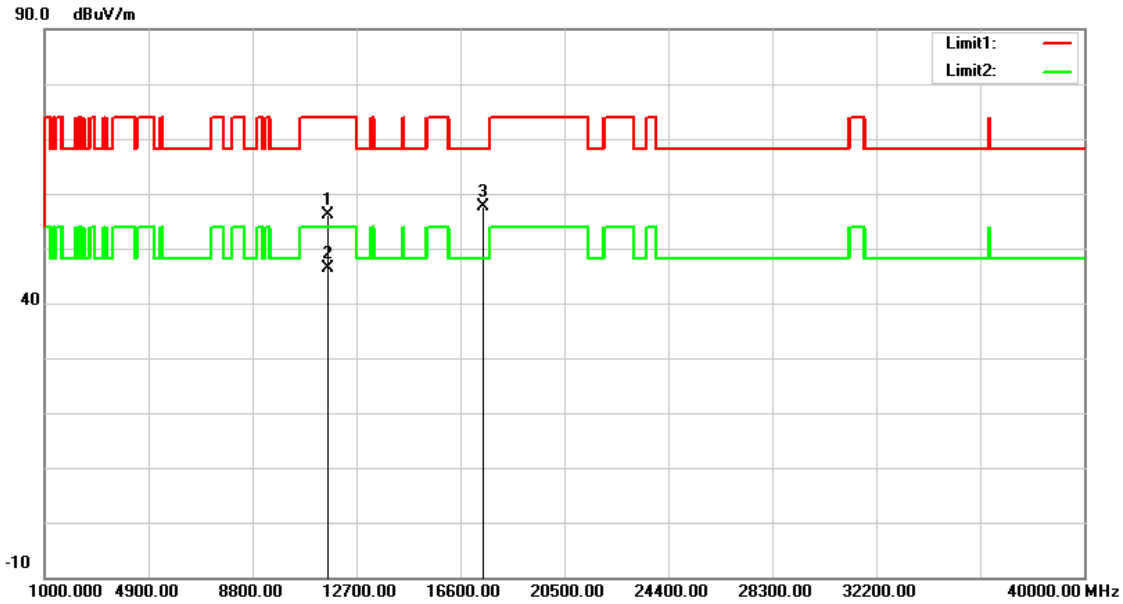
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	39.05	15.25	54.30	74.00	-19.70	peak
2	11570.000	27.27	15.25	42.52	54.00	-11.48	AVG
3	17355.000	37.58	22.42	60.00	68.20	-8.20	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



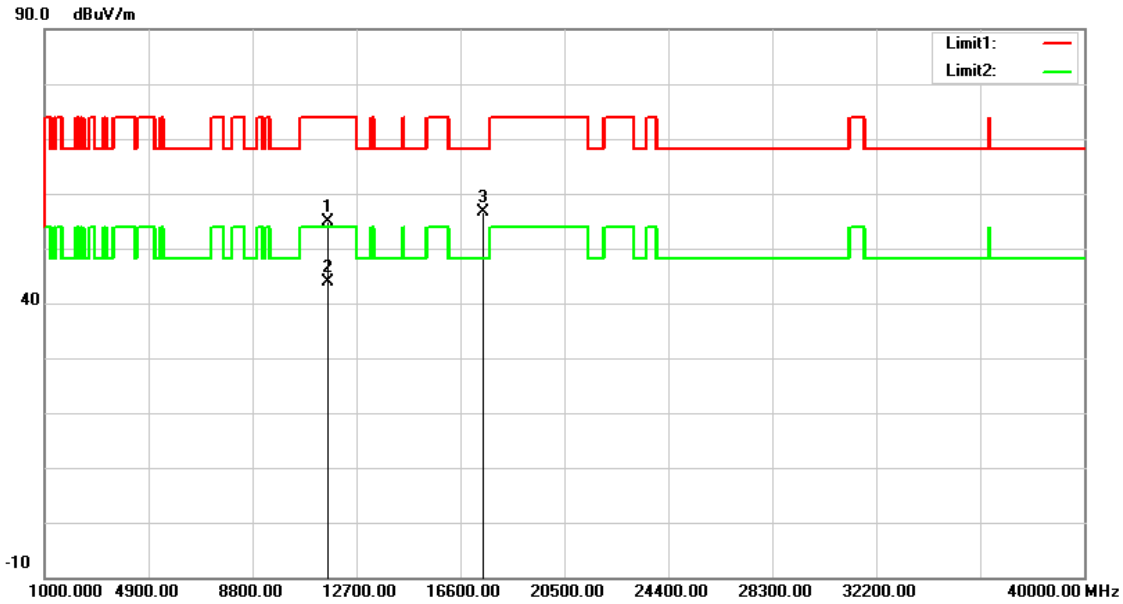
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	41.00	15.08	56.08	74.00	-17.92	peak
2	11650.000	31.25	15.08	46.33	54.00	-7.67	AVG
3	17475.000	34.42	23.13	57.55	68.20	-10.65	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



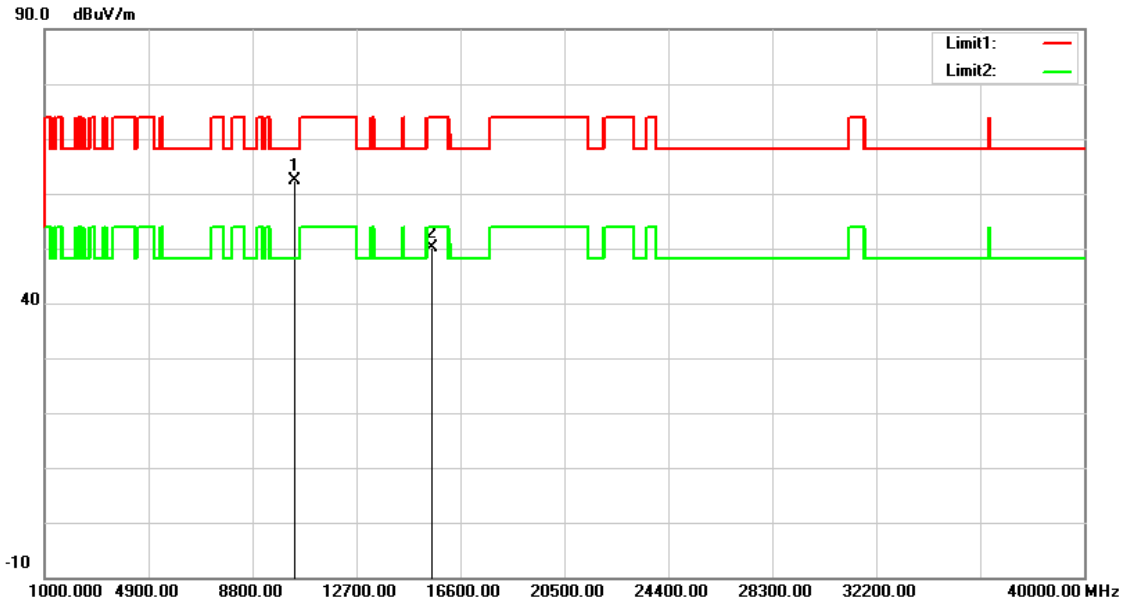
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	39.77	15.08	54.85	74.00	-19.15	peak
2	11650.000	28.78	15.08	43.86	54.00	-10.14	AVG
3	17475.000	33.50	23.13	56.63	68.20	-11.57	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



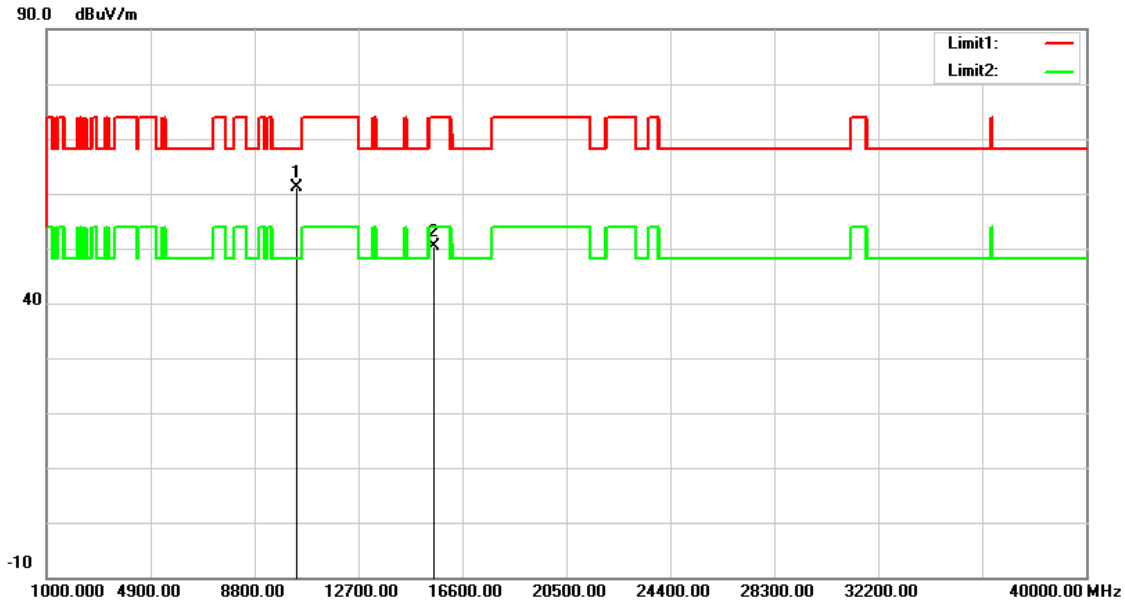
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	48.04	14.29	62.33	68.20	-5.87	peak
2	15540.000	33.30	16.86	50.16	74.00	-23.84	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



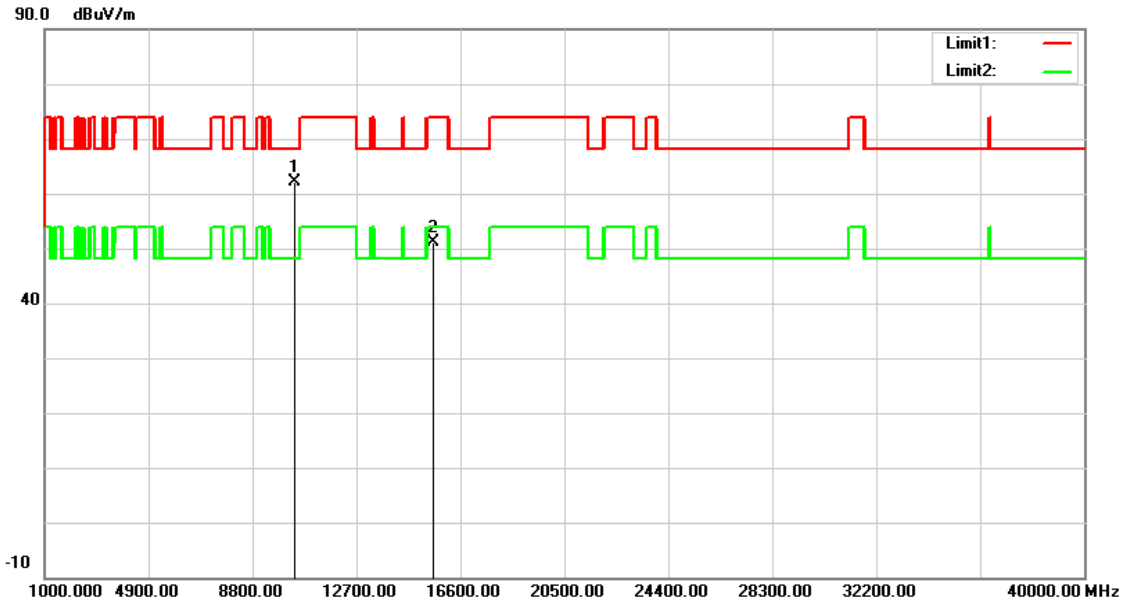
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	46.82	14.29	61.11	68.20	-7.09	peak
2	15540.000	33.45	16.86	50.31	74.00	-23.69	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



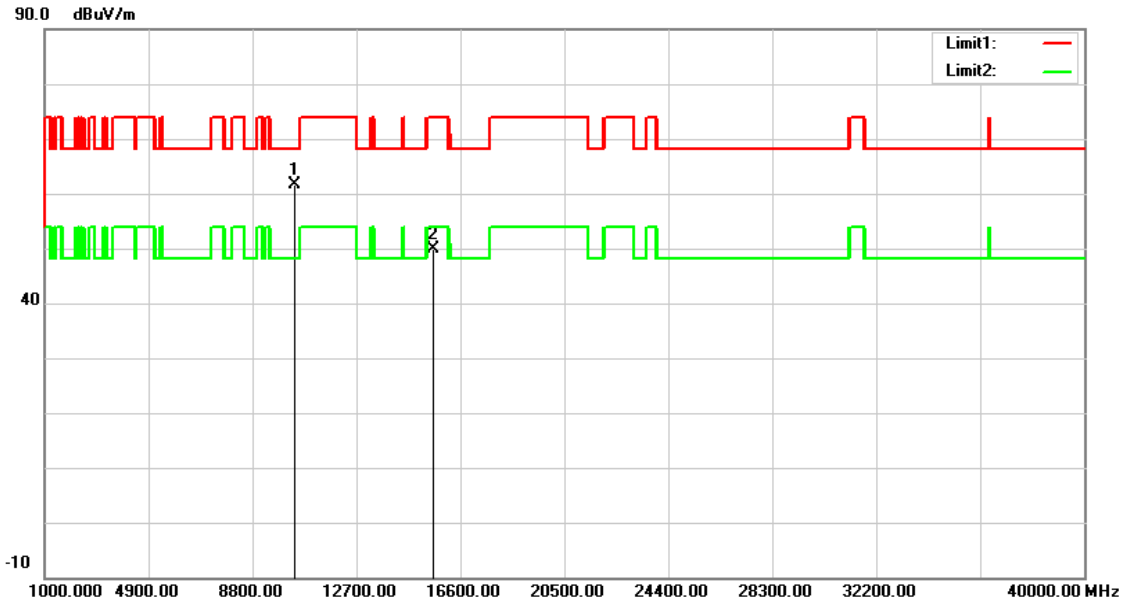
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	47.86	14.38	62.24	68.20	-5.96	peak
2	15600.000	34.47	16.65	51.12	74.00	-22.88	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



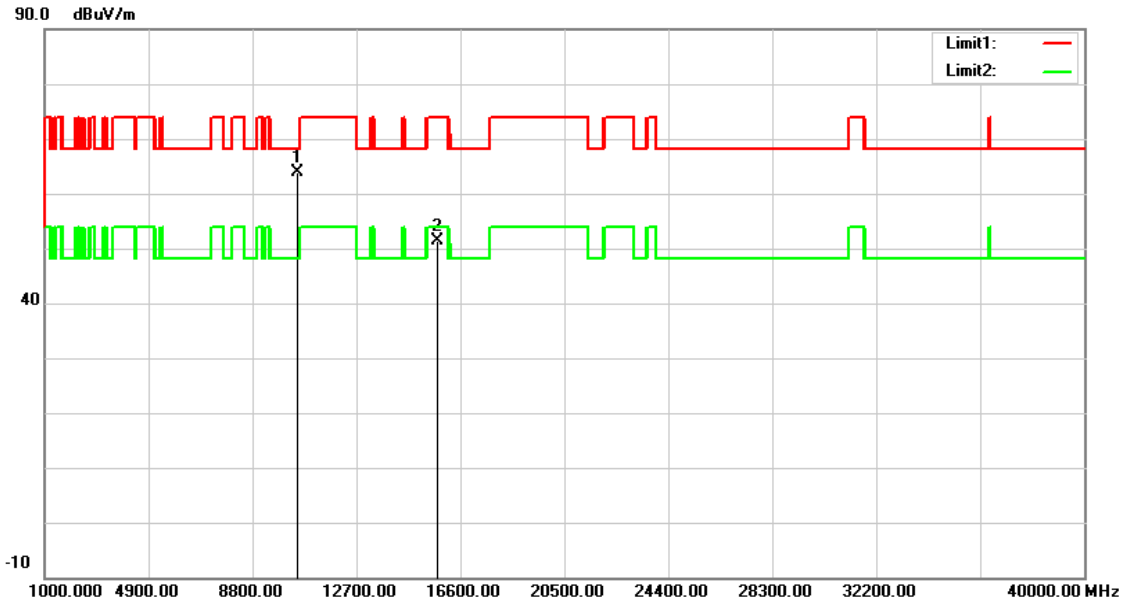
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	47.36	14.38	61.74	68.20	-6.46	peak
2	15600.000	33.16	16.65	49.81	74.00	-24.19	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



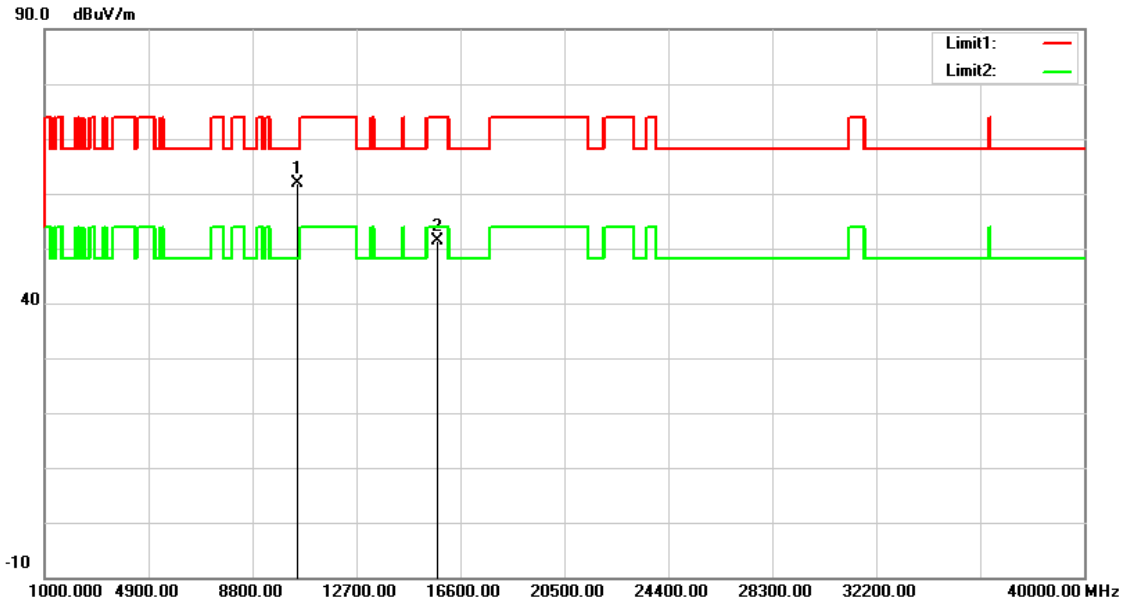
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	49.29	14.55	63.84	68.20	-4.36	peak
2	15720.000	35.14	16.24	51.38	74.00	-22.62	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



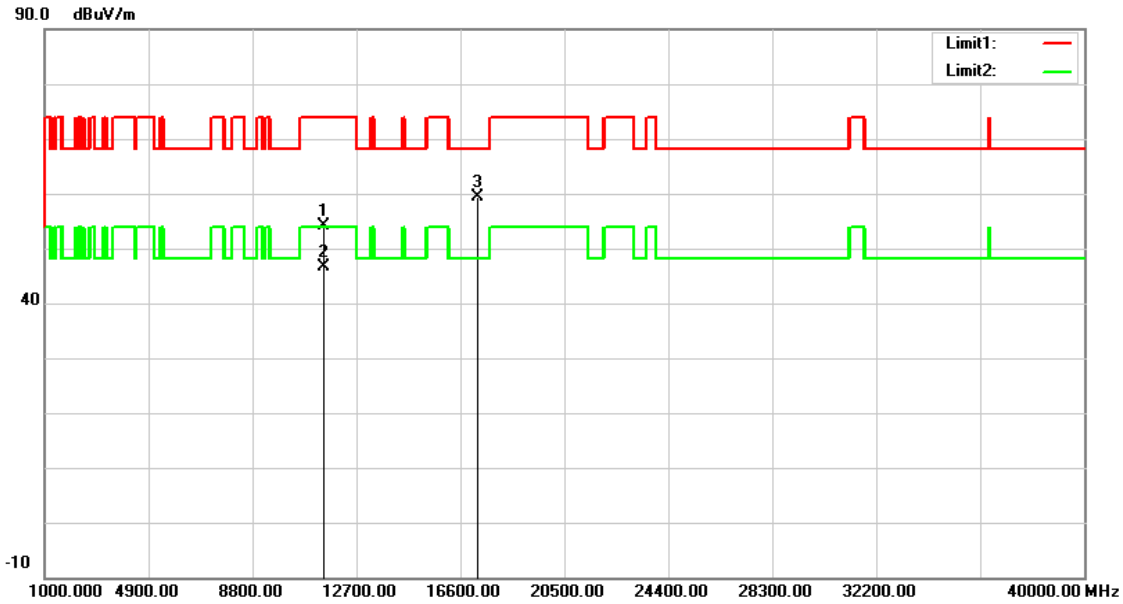
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	47.30	14.55	61.85	68.20	-6.35	peak
2	15720.000	35.23	16.24	51.47	74.00	-22.53	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



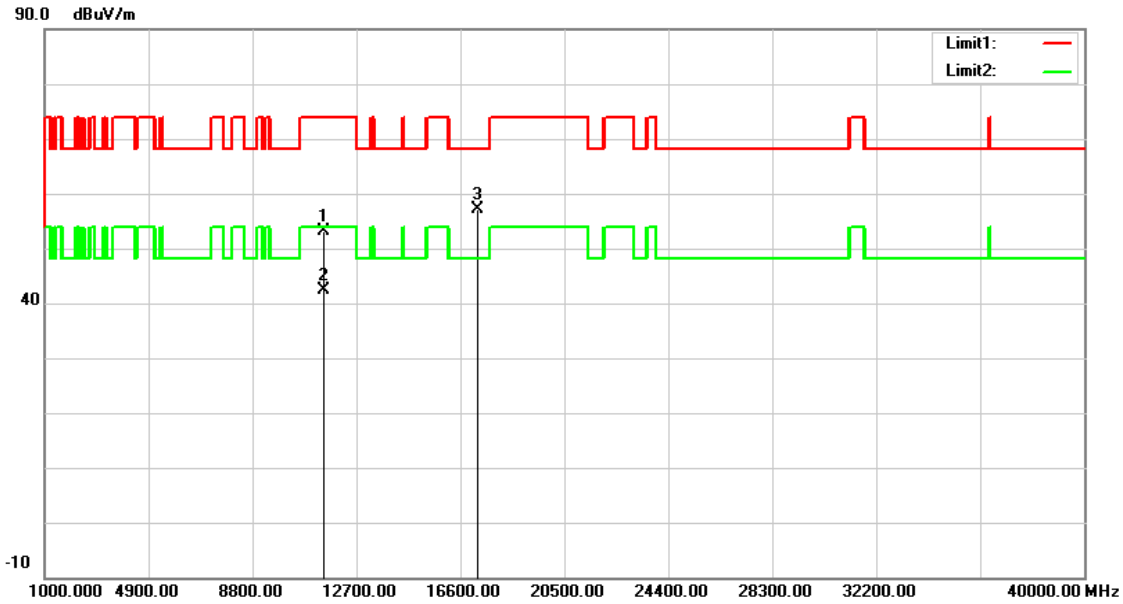
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	38.80	15.39	54.19	74.00	-19.81	peak
2	11490.000	31.22	15.39	46.61	54.00	-7.39	AVG
3	17235.000	37.60	21.71	59.31	68.20	-8.89	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



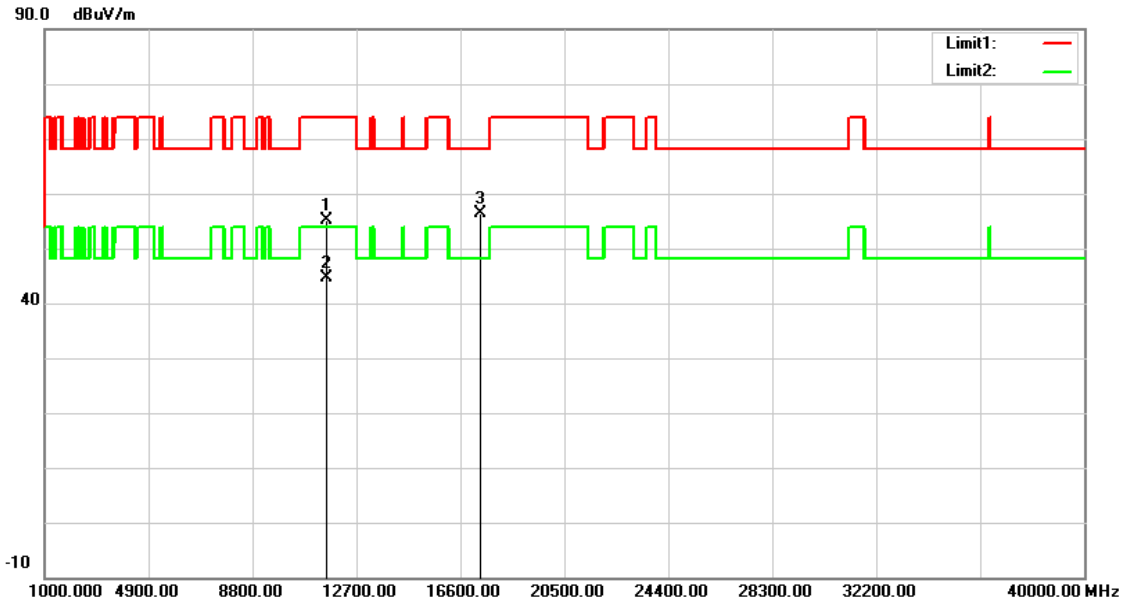
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	37.72	15.39	53.11	74.00	-20.89	peak
2	11490.000	26.99	15.39	42.38	54.00	-11.62	AVG
3	17235.000	35.49	21.71	57.20	68.20	-11.00	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



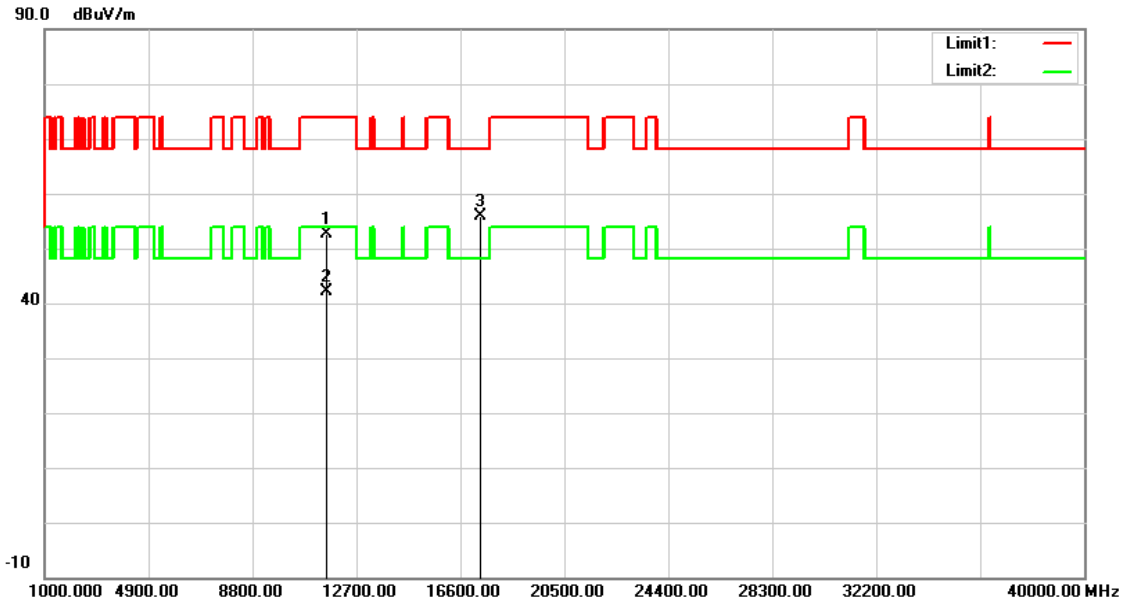
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	39.83	15.25	55.08	74.00	-18.92	peak
2	11570.000	29.28	15.25	44.53	54.00	-9.47	AVG
3	17355.000	34.02	22.42	56.44	68.20	-11.76	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



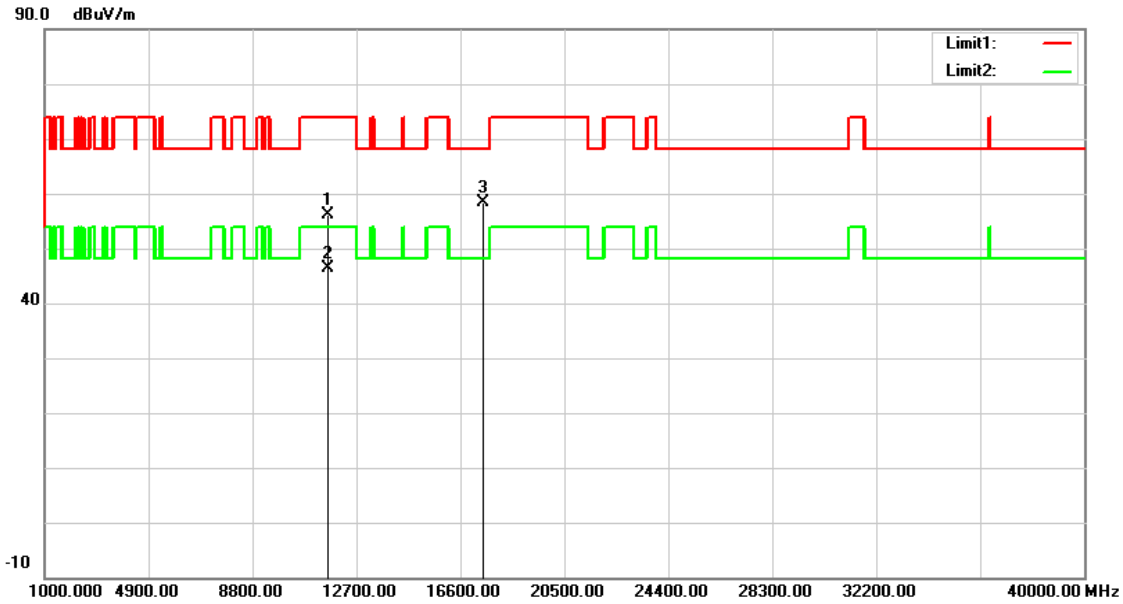
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	37.40	15.25	52.65	74.00	-21.35	peak
2	11570.000	26.80	15.25	42.05	54.00	-11.95	AVG
3	17355.000	33.49	22.42	55.91	68.20	-12.29	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



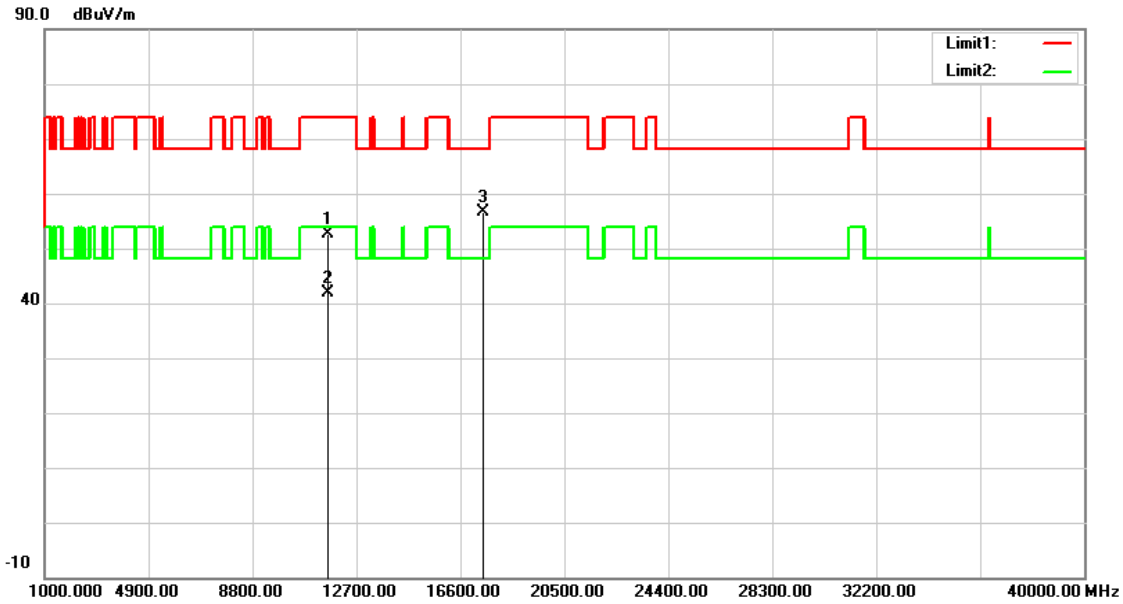
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	41.06	15.08	56.14	74.00	-17.86	peak
2	11650.000	31.39	15.08	46.47	54.00	-7.53	AVG
3	17475.000	35.35	23.13	58.48	68.20	-9.72	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



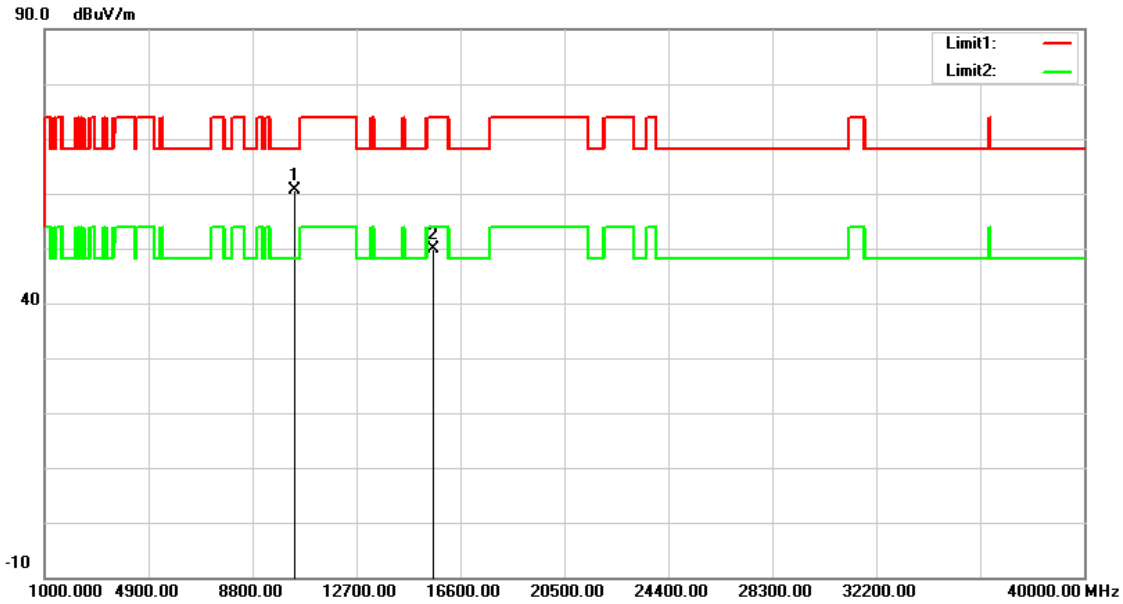
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	37.47	15.08	52.55	74.00	-21.45	peak
2	11650.000	26.69	15.08	41.77	54.00	-12.23	AVG
3	17475.000	33.51	23.13	56.64	68.20	-11.56	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



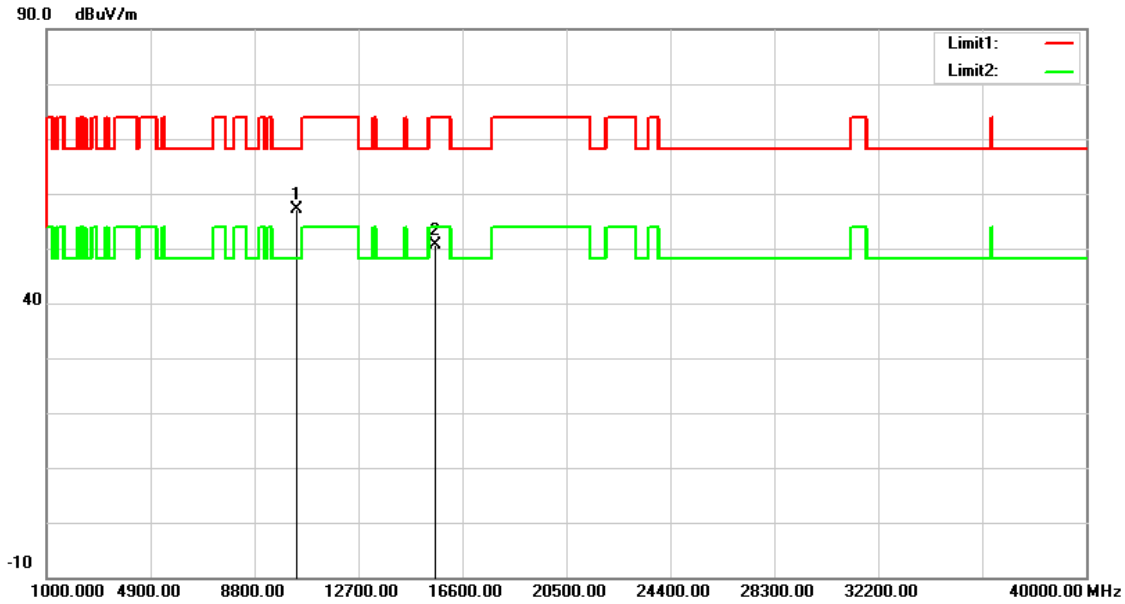
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	46.32	14.35	60.67	68.20	-7.53	peak
2	15570.000	33.24	16.75	49.99	74.00	-24.01	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



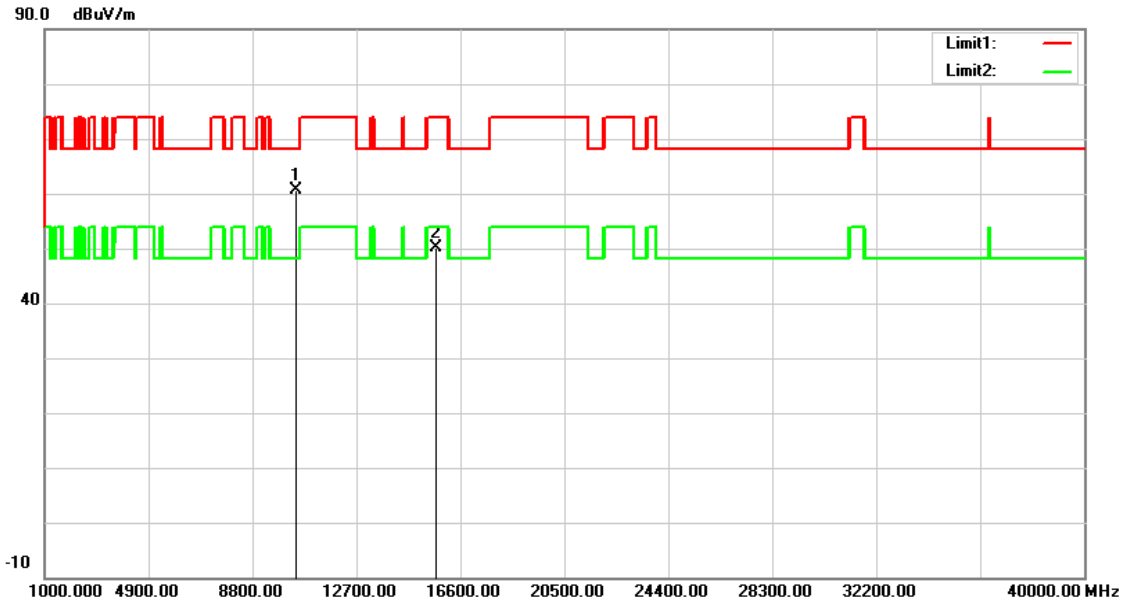
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	42.78	14.35	57.13	68.20	-11.07	peak
2	15570.000	33.88	16.75	50.63	74.00	-23.37	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



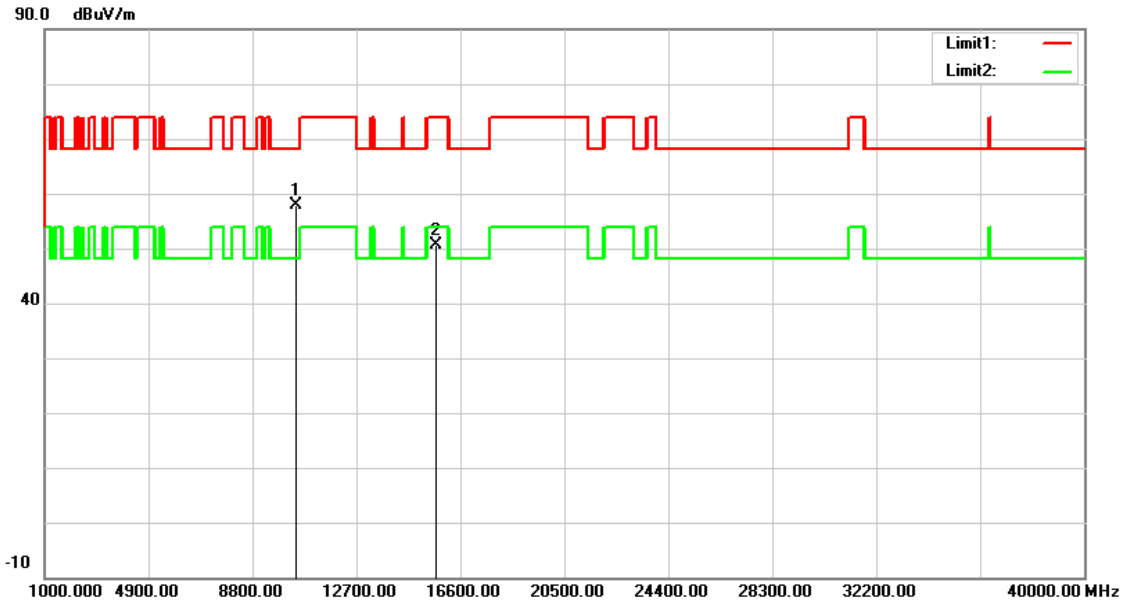
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	46.24	14.51	60.75	68.20	-7.45	peak
2	15690.000	33.86	16.35	50.21	74.00	-23.79	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



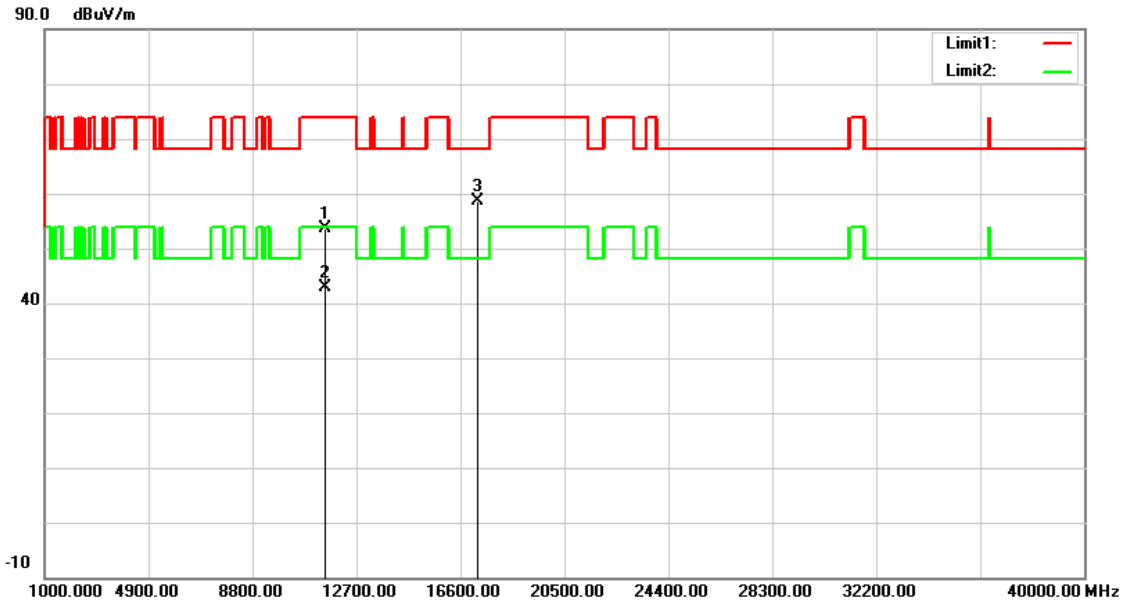
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	43.30	14.51	57.81	68.20	-10.39	peak
2	15690.000	34.18	16.35	50.53	74.00	-23.47	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



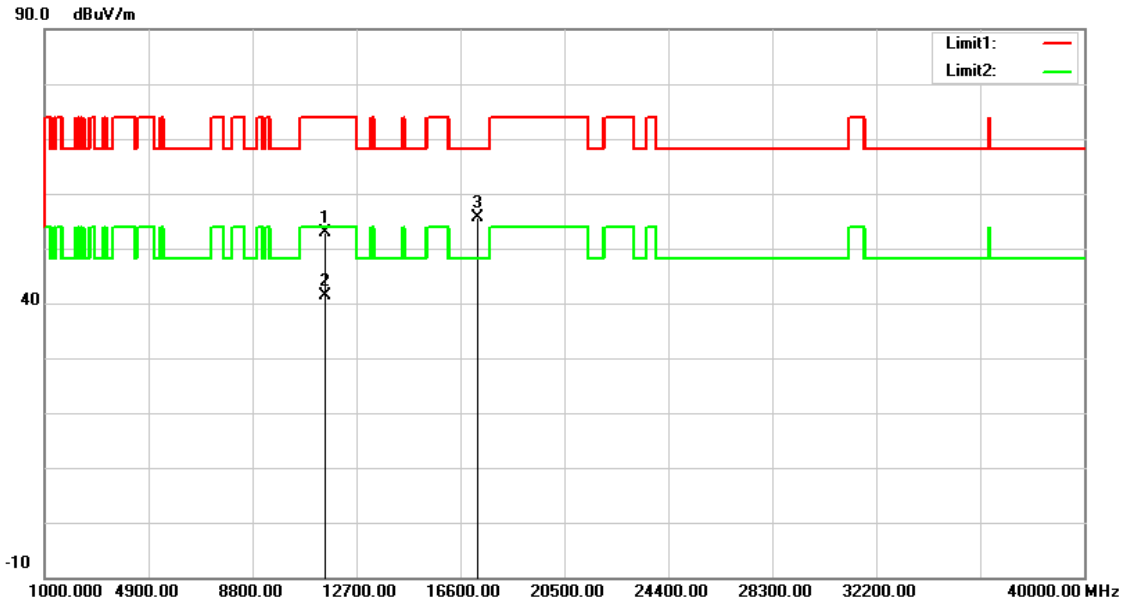
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	38.30	15.38	53.68	74.00	-20.32	peak
2	11510.000	27.56	15.38	42.94	54.00	-11.06	AVG
3	17265.000	36.64	21.88	58.52	68.20	-9.68	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



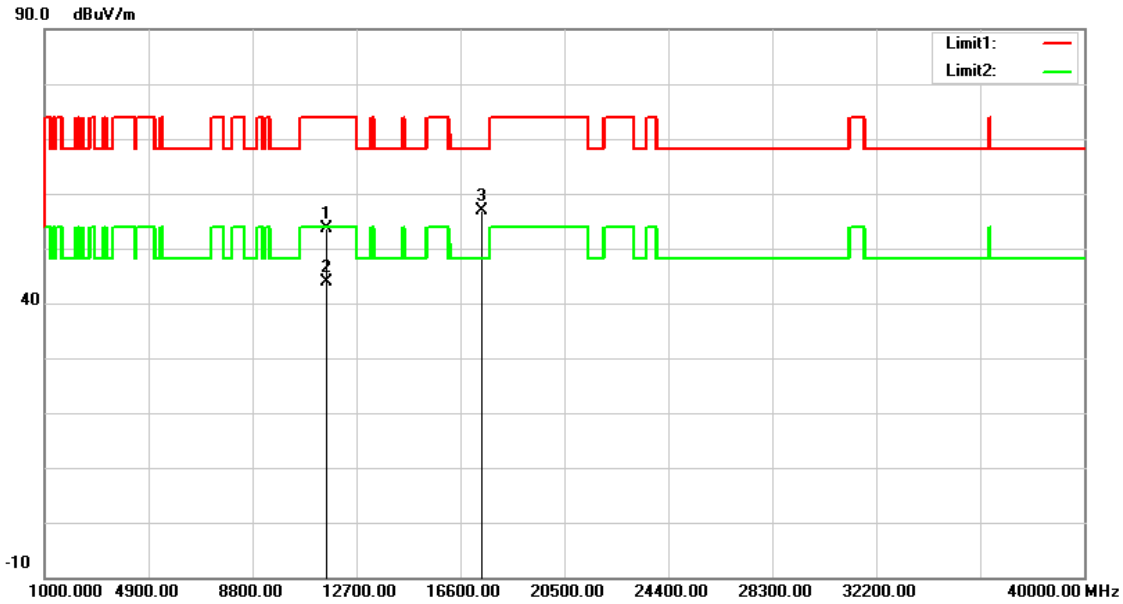
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	37.52	15.38	52.90	74.00	-21.10	peak
2	11510.000	25.95	15.38	41.33	54.00	-12.67	AVG
3	17265.000	33.68	21.88	55.56	68.20	-12.64	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



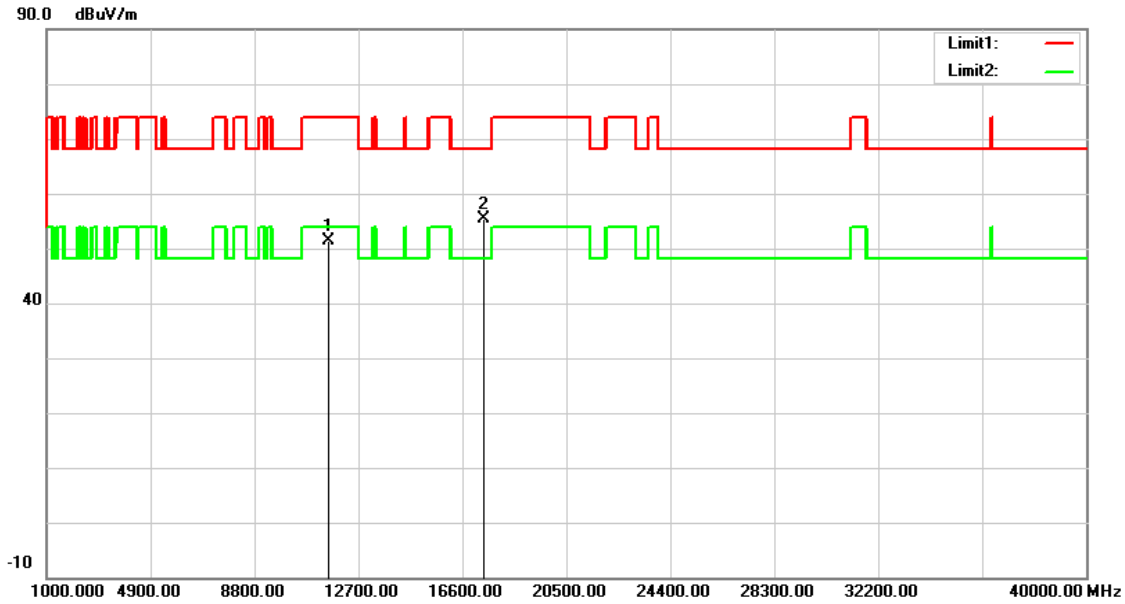
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	38.32	15.20	53.52	74.00	-20.48	peak
2	11590.000	28.62	15.20	43.82	54.00	-10.18	AVG
3	17385.000	34.32	22.60	56.92	68.20	-11.28	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



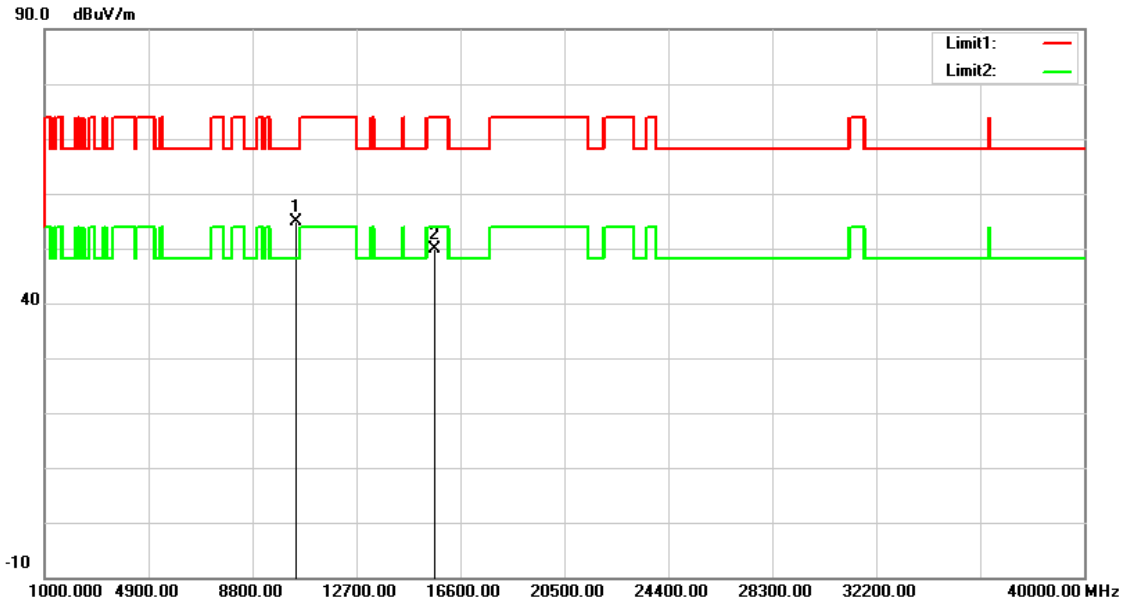
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	36.16	15.20	51.36	74.00	-22.64	peak
2	17385.000	32.90	22.60	55.50	68.20	-12.70	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



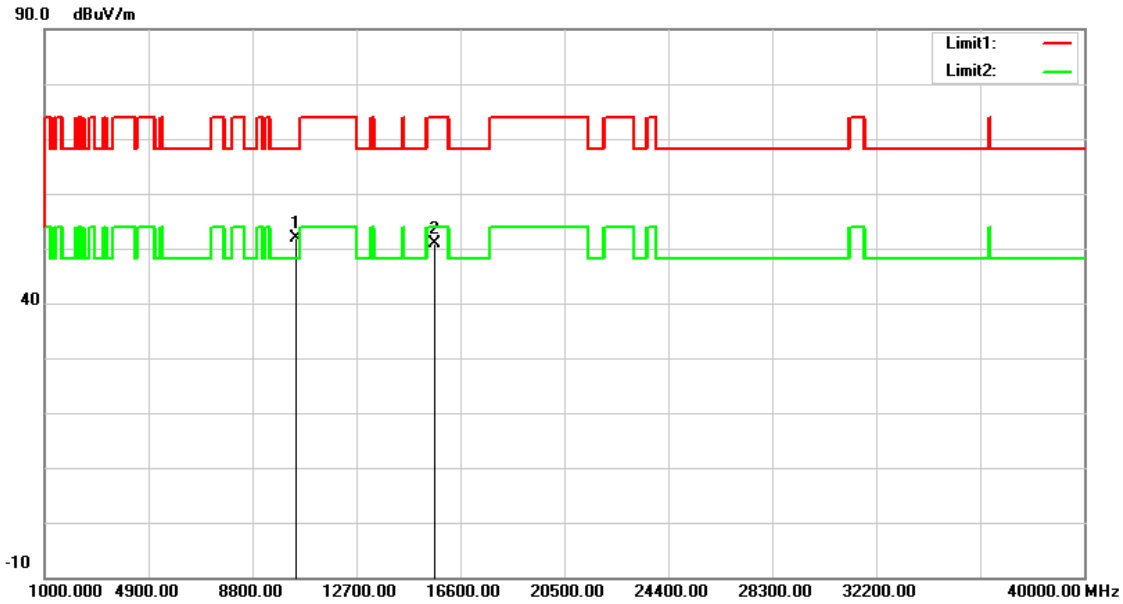
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	40.49	14.42	54.91	68.20	-13.29	peak
2	15630.000	33.41	16.56	49.97	74.00	-24.03	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



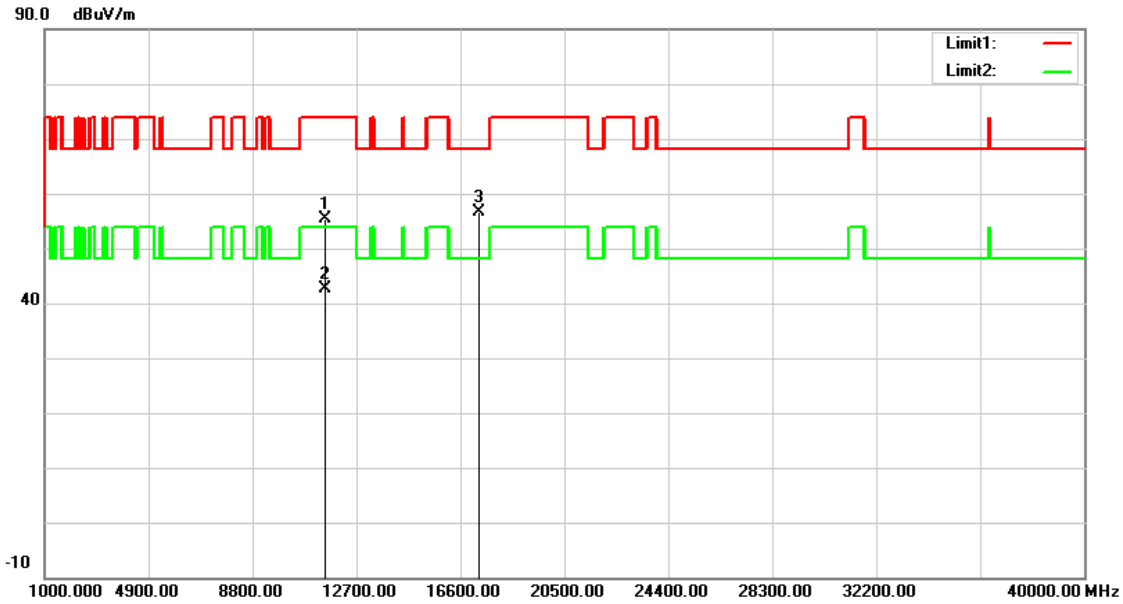
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	37.54	14.42	51.96	68.20	-16.24	peak
2	15630.000	34.39	16.56	50.95	74.00	-23.05	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



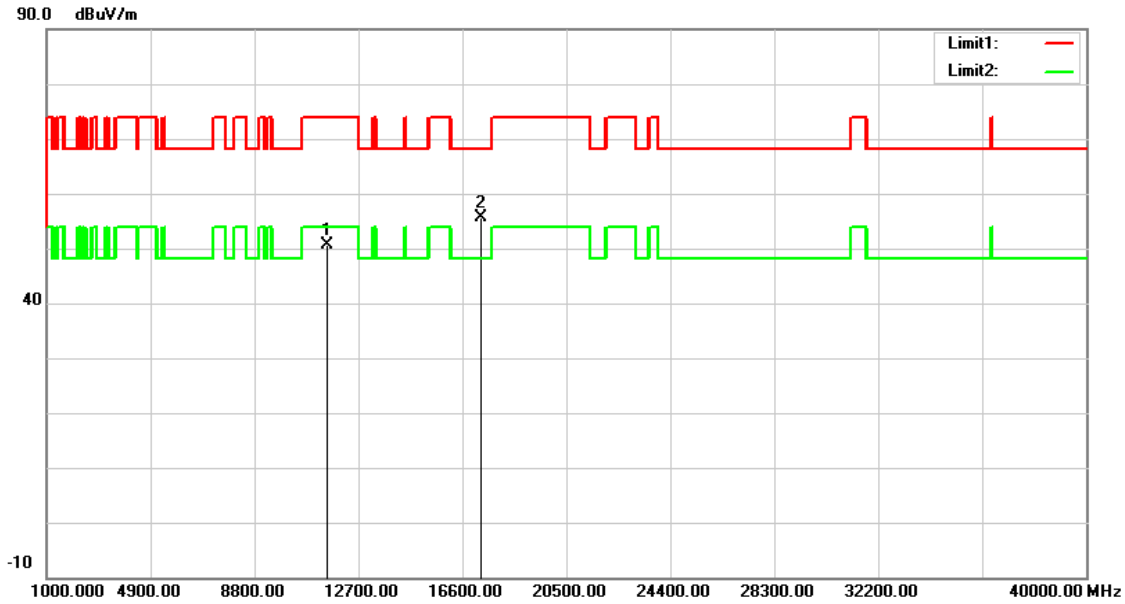
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	40.01	15.29	55.30	74.00	-18.70	peak
2	11550.000	27.27	15.29	42.56	54.00	-11.44	AVG
3	17325.000	34.50	22.24	56.74	68.20	-11.46	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



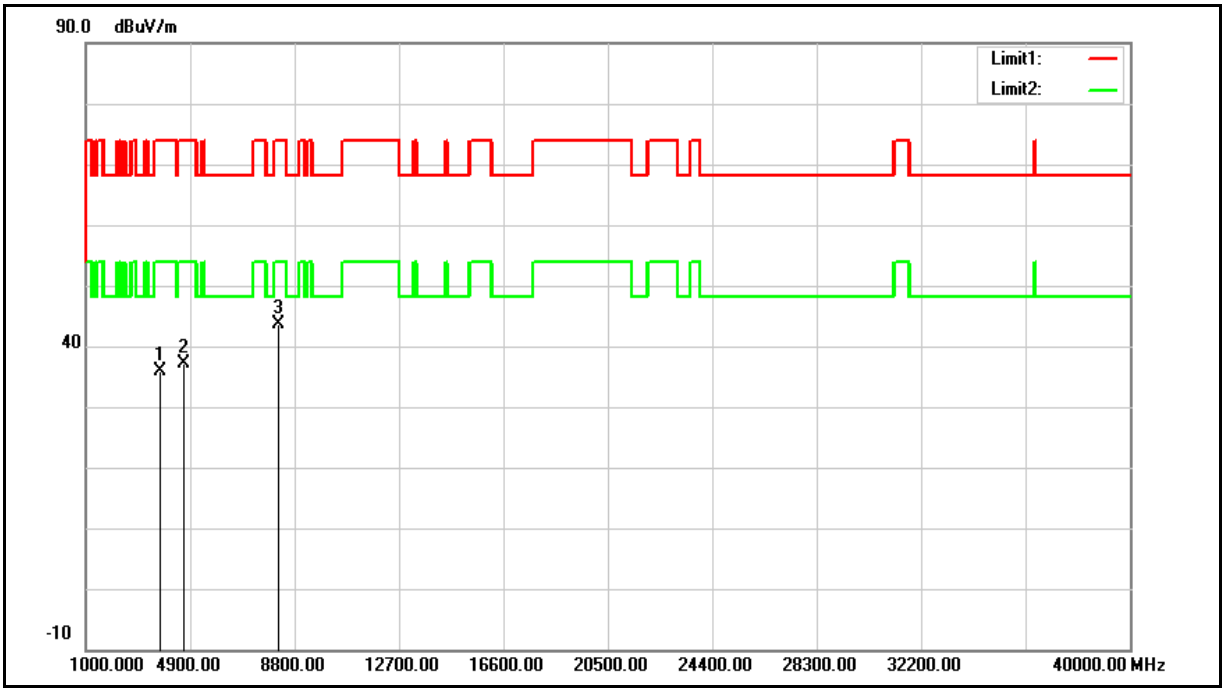
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	35.32	15.29	50.61	74.00	-23.39	peak
2	17325.000	33.29	22.24	55.53	68.20	-12.67	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Simultaneous Transmitting		
	(WLAN 2.4 GHz + WLAN 5 GHz)		
Ant.Polar.:	Horizontal		



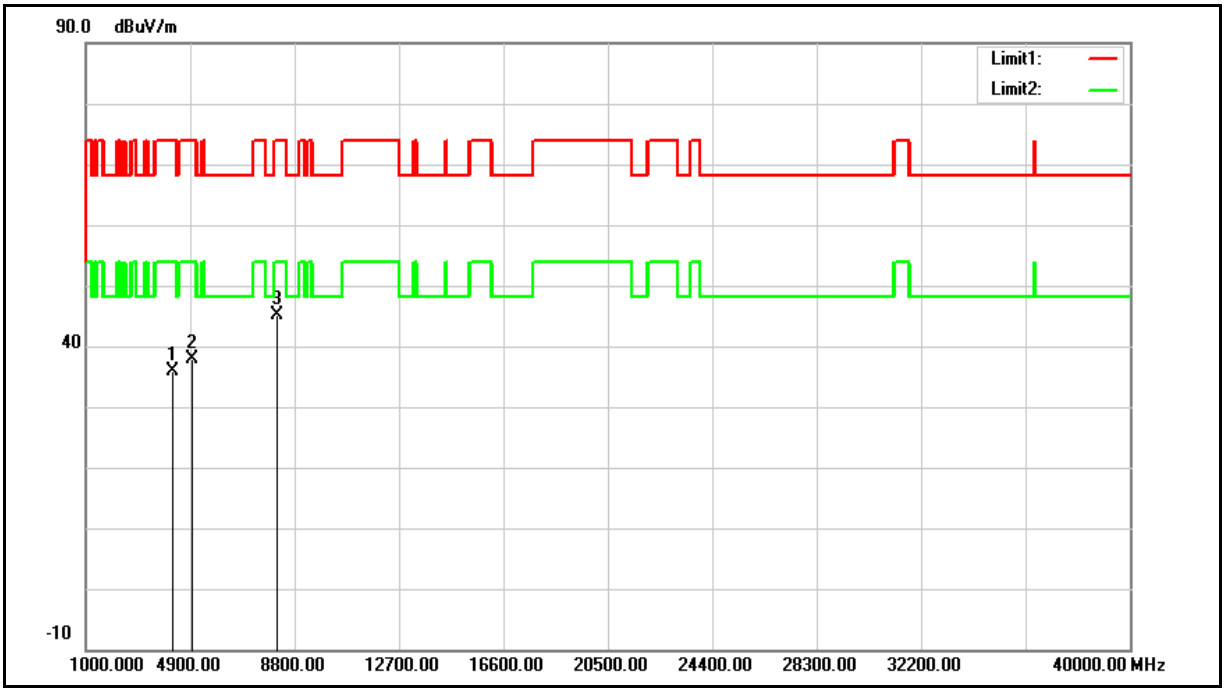
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3771.000	39.96	-4.06	35.90	74.00	-38.10	peak
2	4655.000	38.66	-1.56	37.10	74.00	-36.90	peak
3	8191.000	35.00	8.59	43.59	74.00	-30.41	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Simultaneous Transmitting		
	(WLAN 2.4 GHz + WLAN 5 GHz)		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4213.000	38.81	-2.95	35.86	74.00	-38.14	peak
2	4961.000	38.28	-0.50	37.78	74.00	-36.22	peak
3	8157.000	36.60	8.54	45.14	74.00	-28.86	peak

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

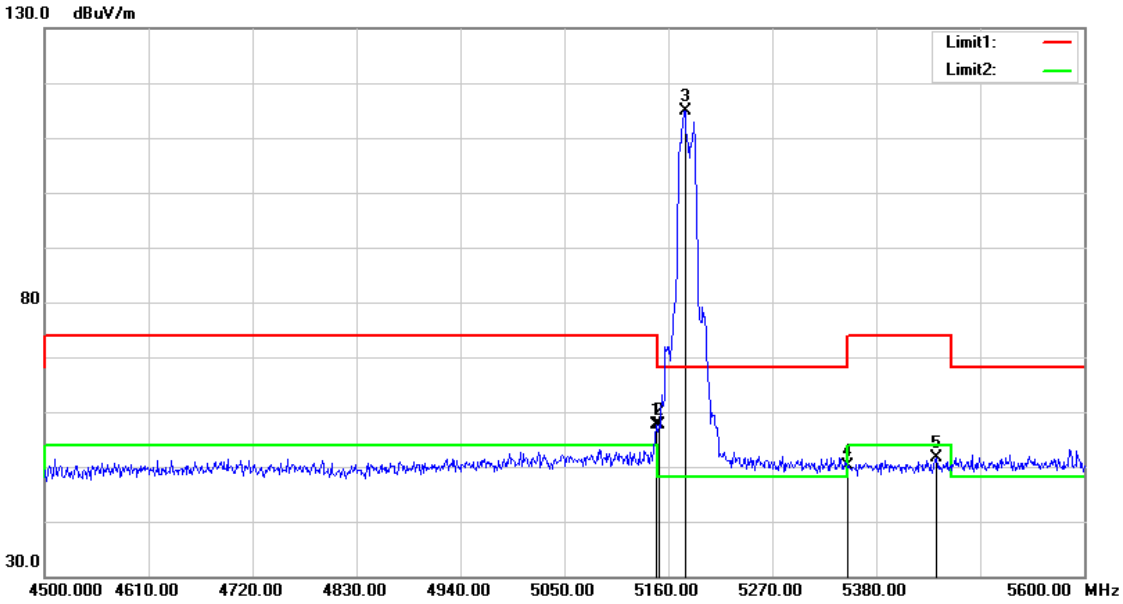
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Band Edge

Peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



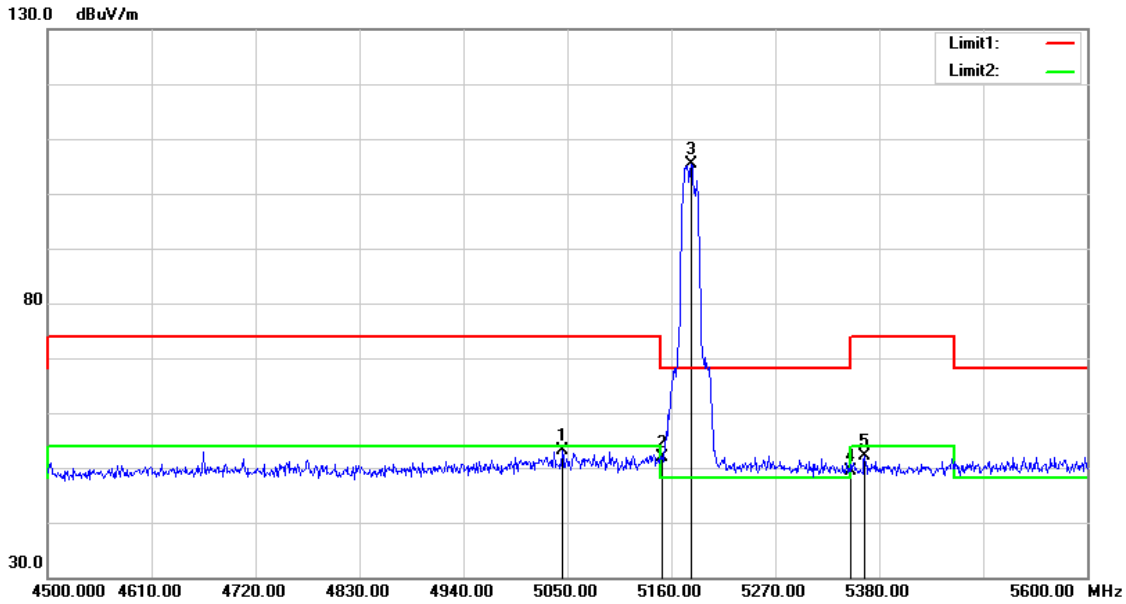
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	57.74	-0.08	57.66	74.00	-16.34	peak
2	5150.000	57.80	-0.08	57.72	74.00	-16.28	peak
3	5177.600	115.02	-0.03	114.99	68.20	46.79	peak
4	5350.000	49.80	0.30	50.10	74.00	-23.90	peak
5	5443.800	51.16	0.47	51.63	74.00	-22.37	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



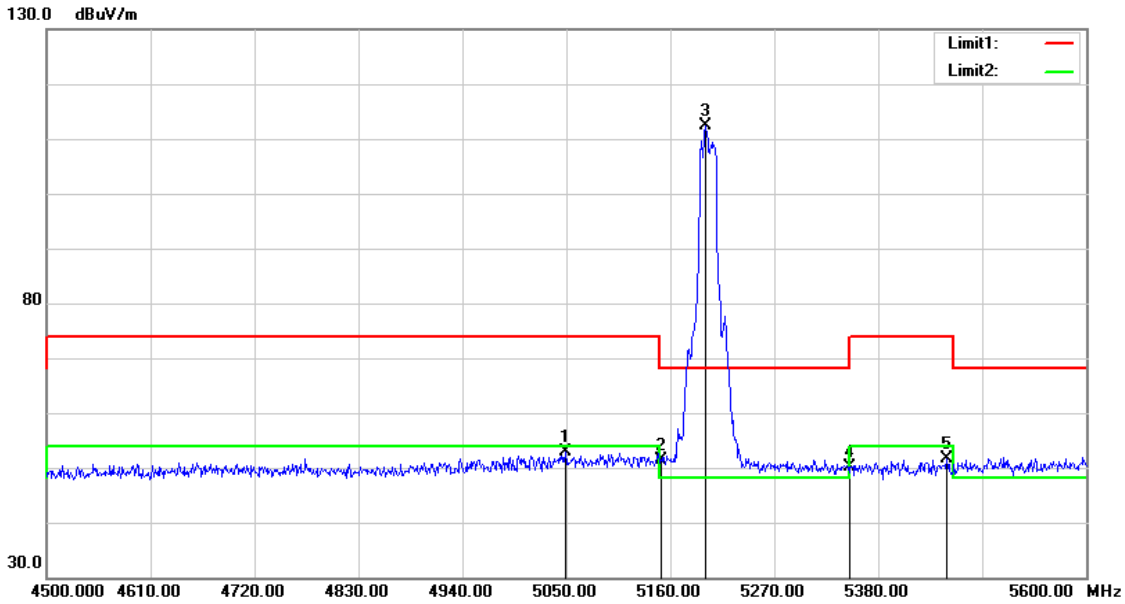
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5044.500	53.16	-0.07	53.09	74.00	-20.91	peak
2	5150.000	51.66	0.12	51.78	74.00	-22.22	peak
3	5180.900	105.20	0.17	105.37	68.20	37.17	peak
4	5350.000	48.99	0.50	49.49	74.00	-24.51	peak
5	5364.600	51.58	0.52	52.10	74.00	-21.90	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



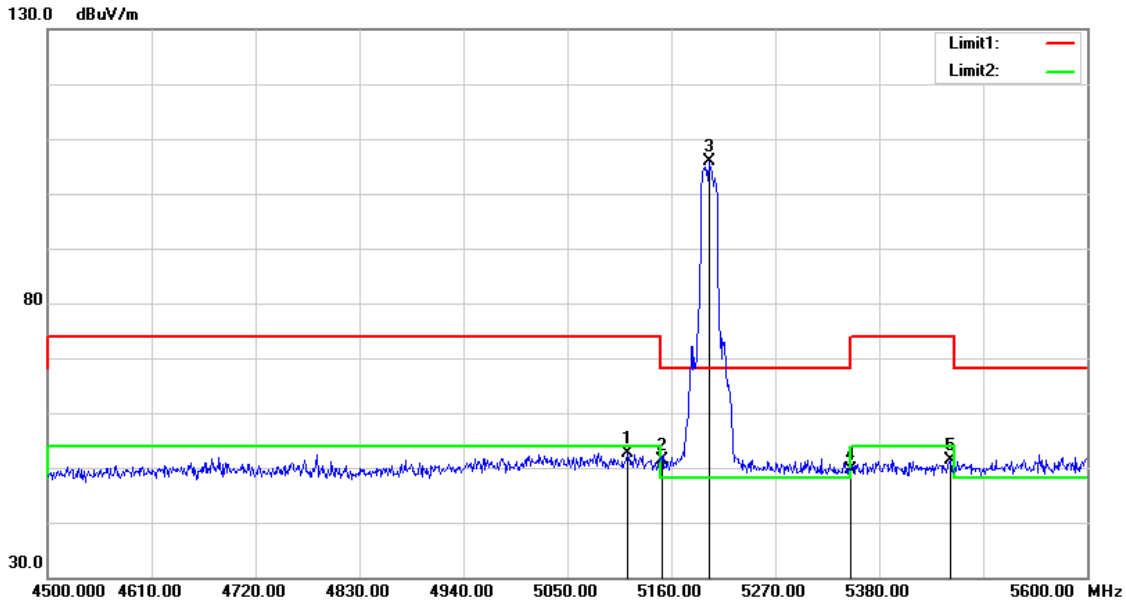
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5048.900	52.85	-0.06	52.79	74.00	-21.21	peak
2	5150.000	51.17	0.12	51.29	74.00	-22.71	peak
3	5197.400	112.11	0.21	112.32	68.20	44.12	peak
4	5350.000	49.52	0.50	50.02	74.00	-23.98	peak
5	5452.600	50.93	0.68	51.61	74.00	-22.39	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



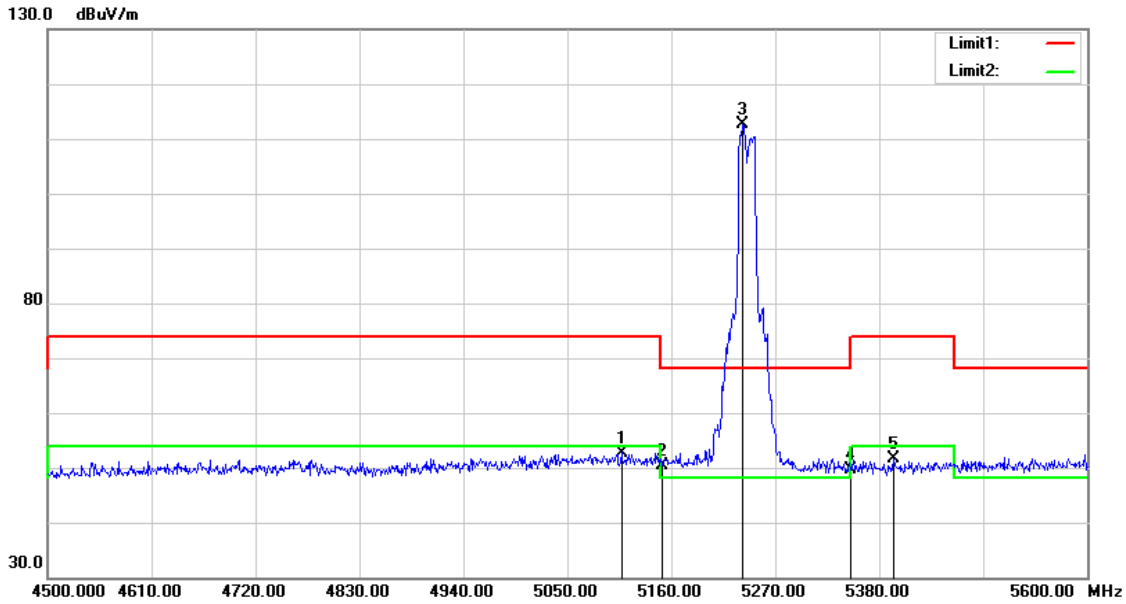
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5113.800	52.63	0.05	52.68	74.00	-21.32	peak
2	5150.000	51.25	0.12	51.37	74.00	-22.63	peak
3	5199.600	105.55	0.22	105.77	68.20	37.57	peak
4	5350.000	49.14	0.50	49.64	74.00	-24.36	peak
5	5454.800	50.76	0.68	51.44	74.00	-22.56	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



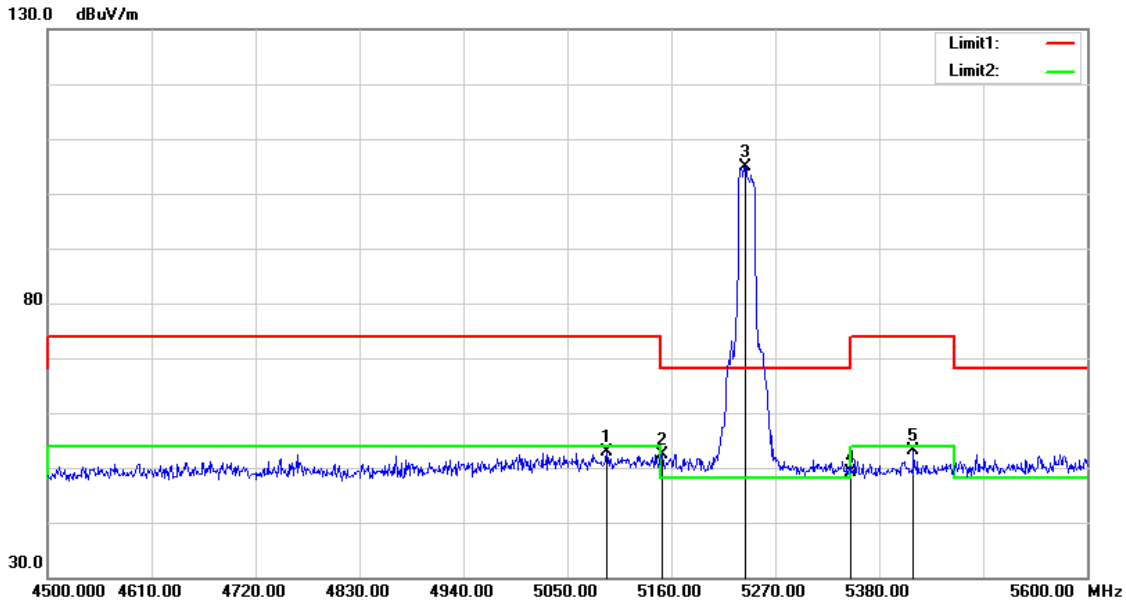
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5107.200	52.70	0.05	52.75	74.00	-21.25	peak
2	5150.000	50.29	0.12	50.41	74.00	-23.59	peak
3	5235.900	112.45	0.28	112.73	68.20	44.53	peak
4	5350.000	49.13	0.50	49.63	74.00	-24.37	peak
5	5395.400	51.16	0.58	51.74	74.00	-22.26	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



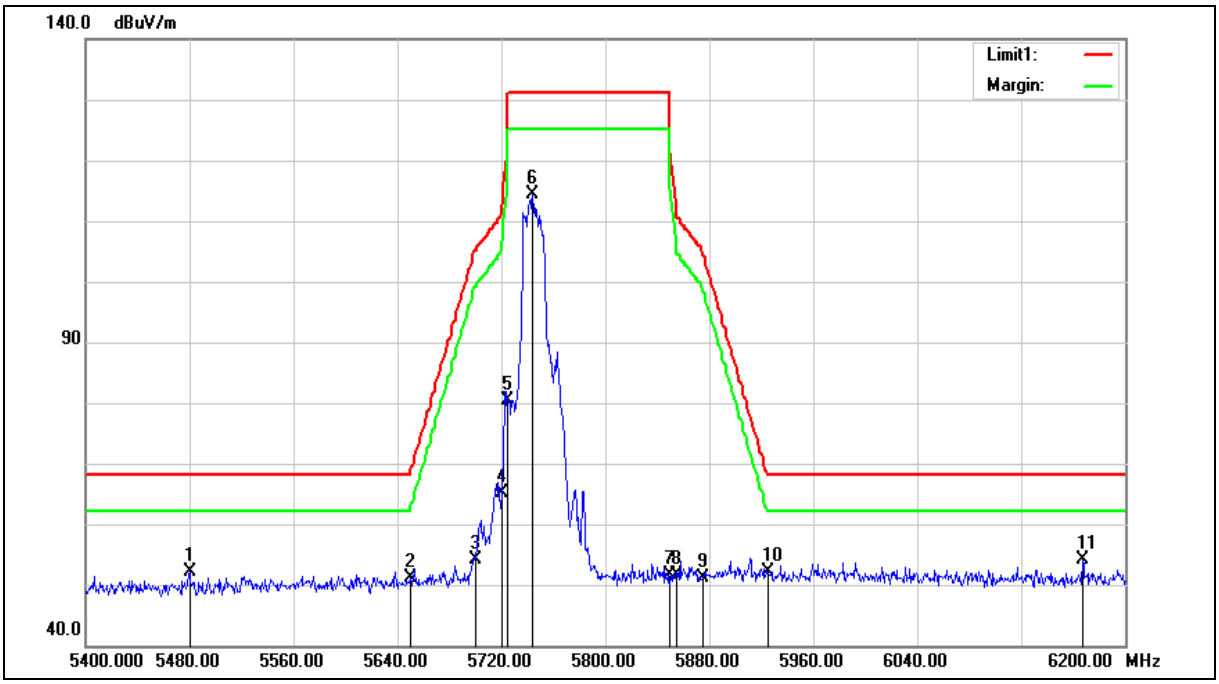
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5091.800	52.83	0.01	52.84	74.00	-21.16	peak
2	5150.000	52.37	0.12	52.49	74.00	-21.51	peak
3	5238.100	104.49	0.28	104.77	68.20	36.57	peak
4	5350.000	48.67	0.50	49.17	74.00	-24.83	peak
5	5416.300	52.40	0.61	53.01	74.00	-20.99	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

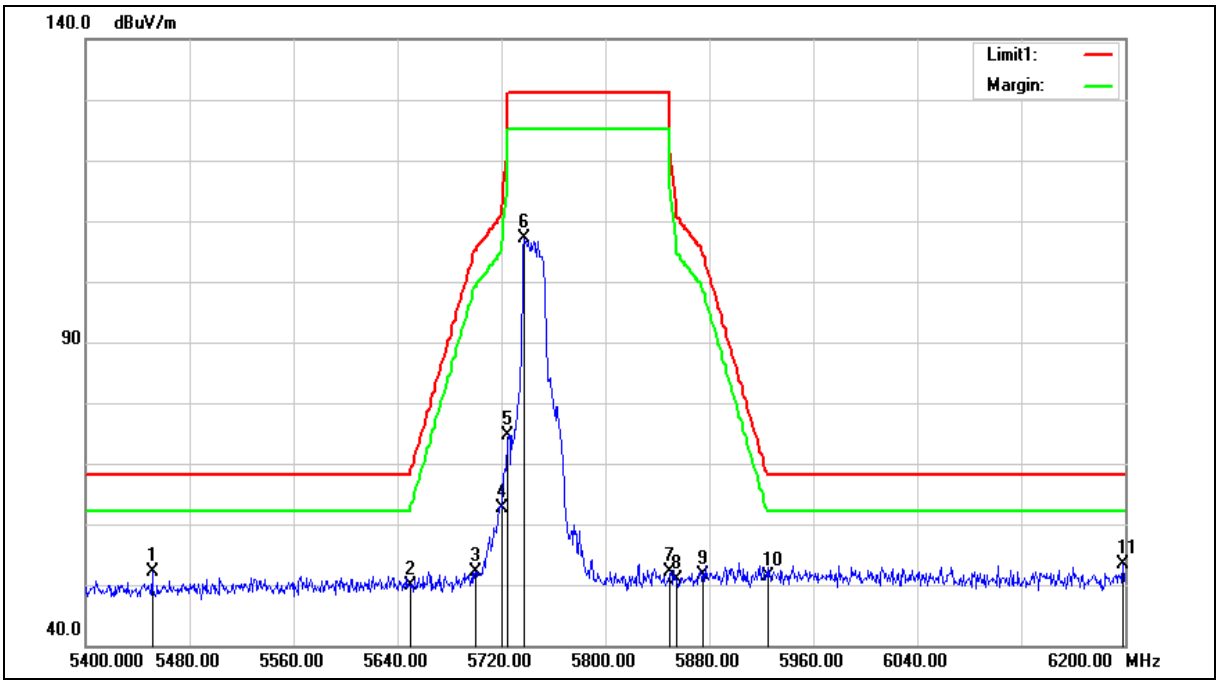
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5480.000	51.38	0.73	52.11	68.20	-16.09	peak
2	5650.000	49.80	1.23	51.03	68.20	-17.17	peak
3	5700.000	52.72	1.39	54.11	105.20	-51.09	peak
4	5720.000	63.72	1.46	65.18	110.80	-45.62	peak
5	5725.000	78.83	1.47	80.30	122.20	-41.90	peak
6	5744.000	112.79	1.53	114.32	131.20	-16.88	peak
7	5850.000	49.73	1.86	51.59	122.20	-70.61	peak
8	5855.000	49.65	1.87	51.52	110.80	-59.28	peak
9	5875.000	49.07	1.94	51.01	105.20	-54.19	peak
10	5925.000	49.93	2.09	52.02	68.20	-16.18	peak
11	6167.200	51.24	2.95	54.19	68.20	-14.01	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		

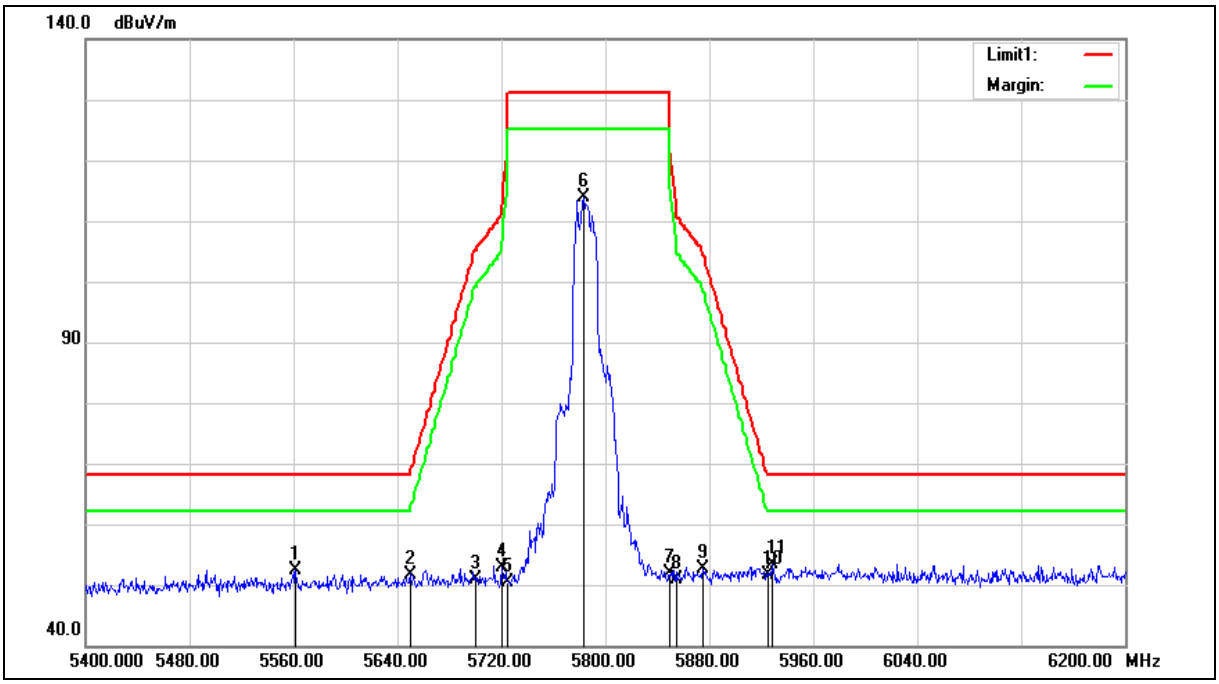
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5451.200	51.38	0.68	52.06	68.20	-16.14	peak
2	5650.000	48.59	1.23	49.82	68.20	-18.38	peak
3	5700.000	50.74	1.39	52.13	105.20	-53.07	peak
4	5720.000	61.11	1.46	62.57	110.80	-48.23	peak
5	5725.000	73.10	1.47	74.57	122.20	-47.63	peak
6	5737.600	105.56	1.51	107.07	131.20	-24.13	peak
7	5850.000	50.34	1.86	52.20	122.20	-70.00	peak
8	5855.000	49.04	1.87	50.91	110.80	-59.89	peak
9	5875.000	49.66	1.94	51.60	105.20	-53.60	peak
10	5925.000	49.24	2.09	51.33	68.20	-16.87	peak
11	6198.400	50.37	3.08	53.45	68.20	-14.75	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

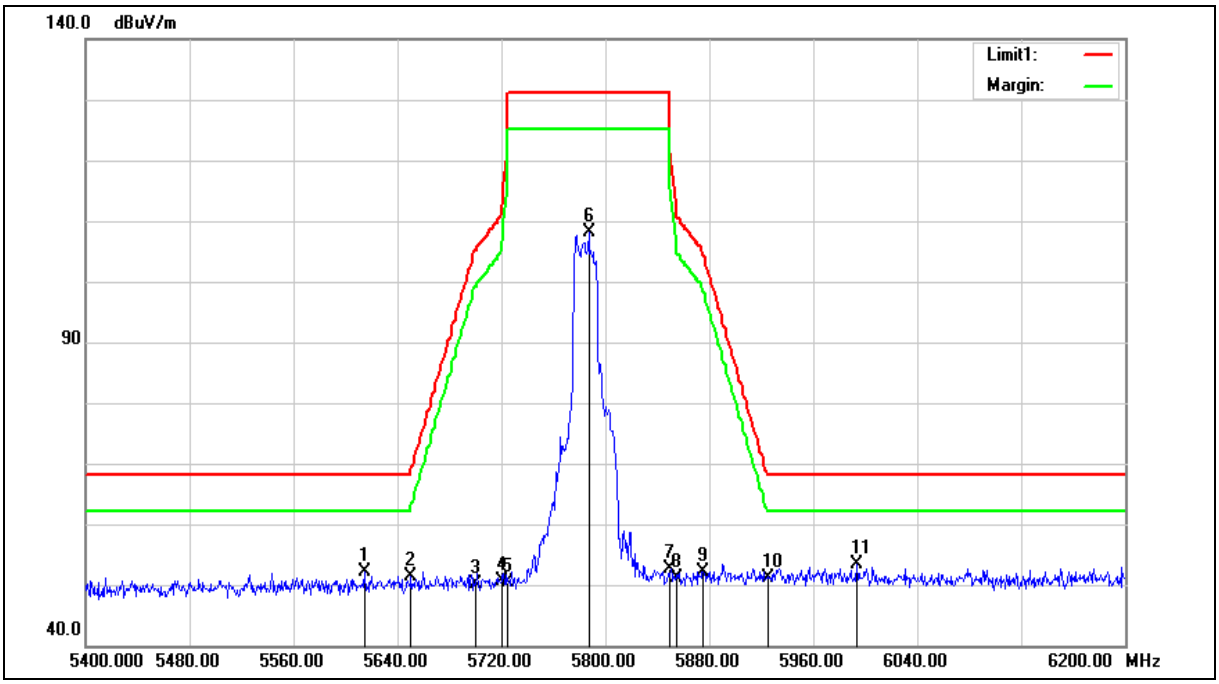
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5561.600	51.44	0.97	52.41	68.20	-15.79	peak
2	5650.000	50.42	1.23	51.65	68.20	-16.55	peak
3	5700.000	49.45	1.39	50.84	105.20	-54.36	peak
4	5720.000	51.45	1.46	52.91	110.80	-57.89	peak
5	5725.000	48.79	1.47	50.26	122.20	-71.94	peak
6	5783.200	112.24	1.65	113.89	131.20	-17.31	peak
7	5850.000	50.07	1.86	51.93	122.20	-70.27	peak
8	5855.000	49.02	1.87	50.89	110.80	-59.91	peak
9	5875.000	50.75	1.94	52.69	105.20	-52.51	peak
10	5925.000	49.58	2.09	51.67	68.20	-16.53	peak
11	5928.800	51.38	2.11	53.49	68.20	-14.71	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		

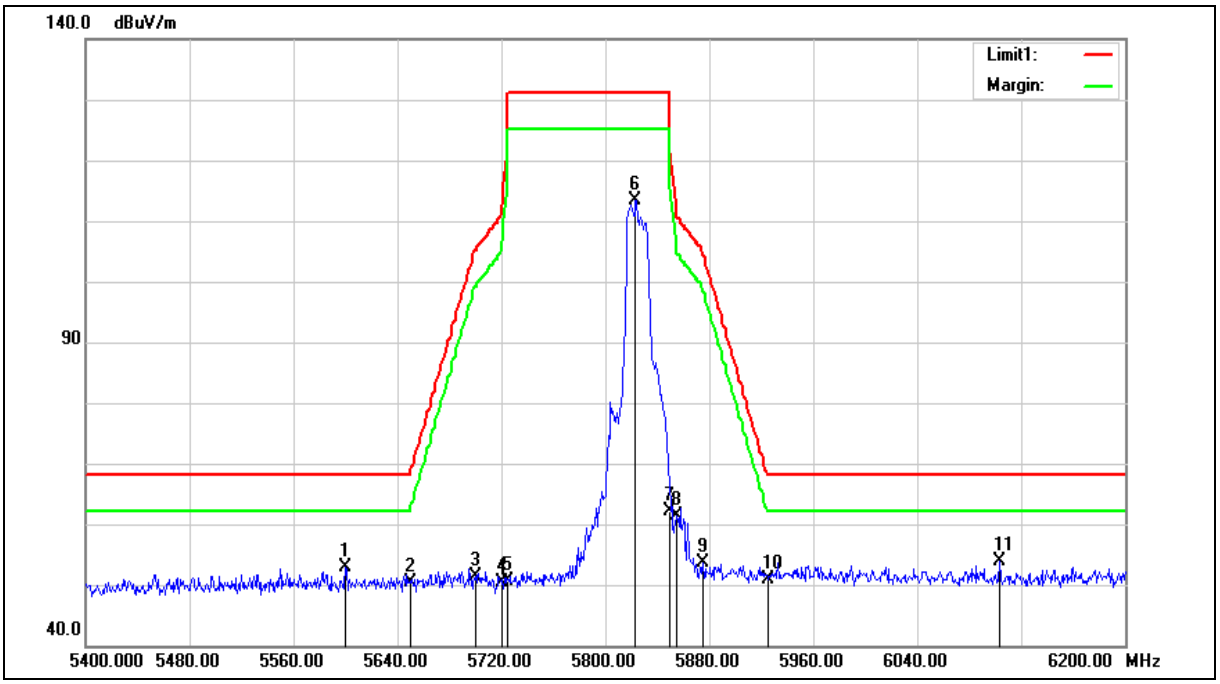
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5614.400	50.91	1.13	52.04	68.20	-16.16	peak
2	5650.000	50.21	1.23	51.44	68.20	-16.76	peak
3	5700.000	48.69	1.39	50.08	105.20	-55.12	peak
4	5720.000	49.28	1.46	50.74	110.80	-60.06	peak
5	5725.000	48.89	1.47	50.36	122.20	-71.84	peak
6	5787.200	106.53	1.66	108.19	131.20	-23.01	peak
7	5850.000	50.79	1.86	52.65	122.20	-69.55	peak
8	5855.000	49.23	1.87	51.10	110.80	-59.70	peak
9	5875.000	50.23	1.94	52.17	105.20	-53.03	peak
10	5925.000	49.07	2.09	51.16	68.20	-17.04	peak
11	5993.600	51.13	2.31	53.44	68.20	-14.76	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		

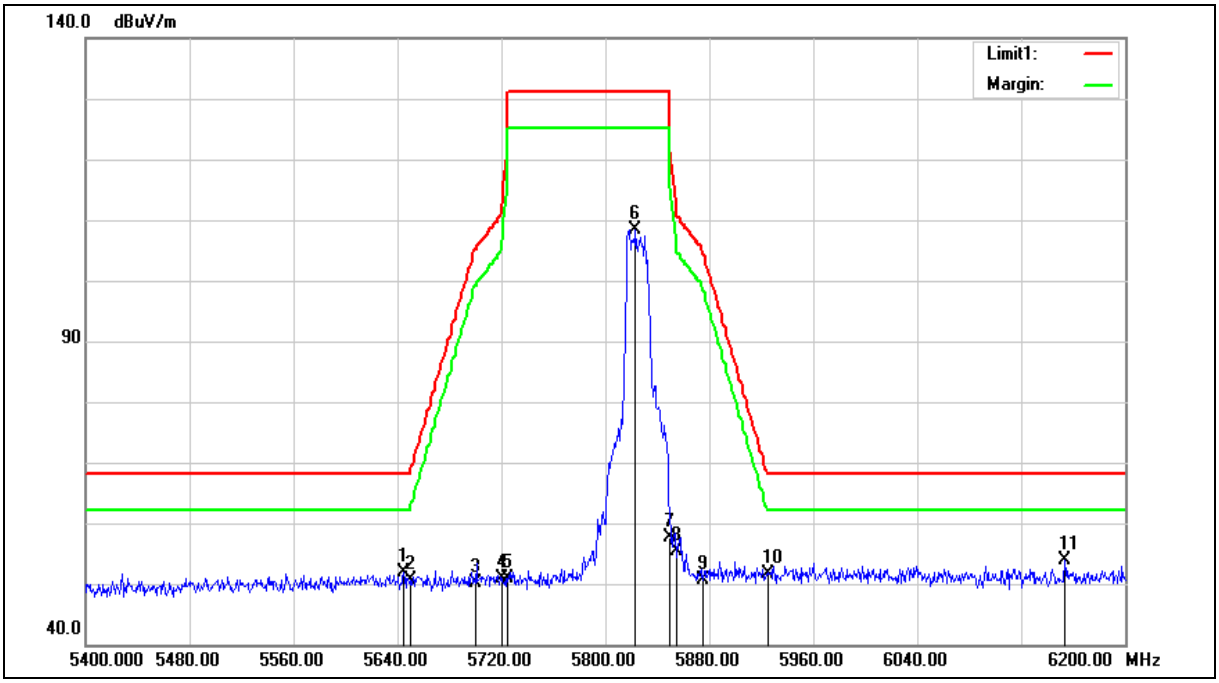
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5600.000	51.74	1.09	52.83	68.20	-15.37	peak
2	5650.000	49.05	1.23	50.28	68.20	-17.92	peak
3	5700.000	49.97	1.39	51.36	105.20	-53.84	peak
4	5720.000	49.02	1.46	50.48	110.80	-60.32	peak
5	5725.000	49.12	1.47	50.59	122.20	-71.61	peak
6	5823.200	111.71	1.78	113.49	131.20	-17.71	peak
7	5850.000	60.33	1.86	62.19	122.20	-60.01	peak
8	5855.000	59.40	1.87	61.27	110.80	-49.53	peak
9	5875.000	51.70	1.94	53.64	105.20	-51.56	peak
10	5925.000	48.87	2.09	50.96	68.20	-17.24	peak
11	6103.200	51.23	2.71	53.94	68.20	-14.26	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		

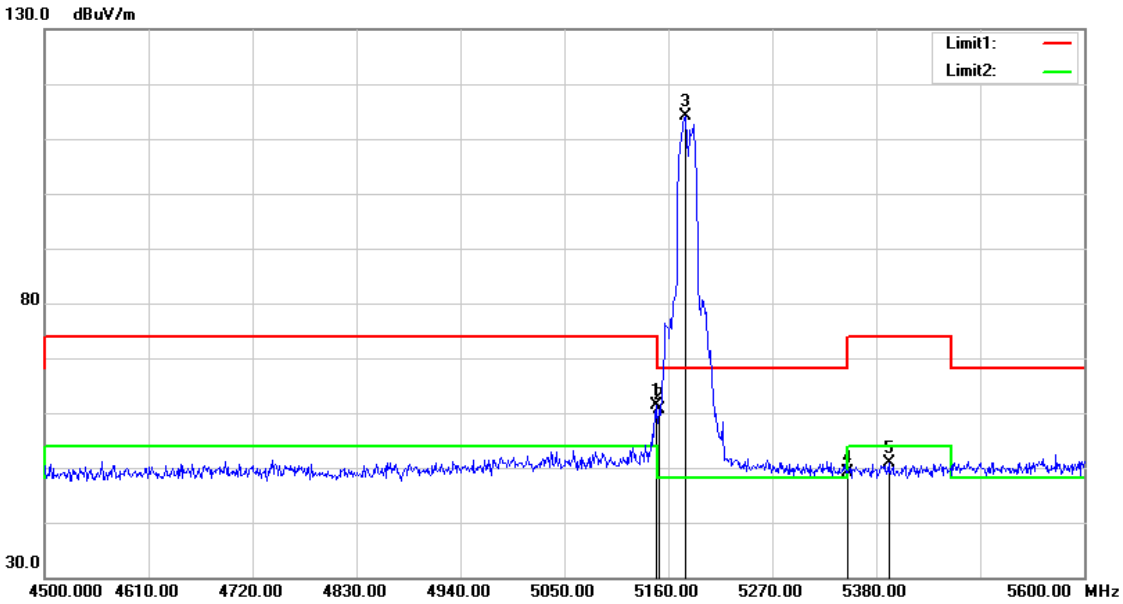
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.800	50.64	1.22	51.86	68.20	-16.34	peak
2	5650.000	49.30	1.23	50.53	68.20	-17.67	peak
3	5700.000	48.82	1.39	50.21	105.20	-54.99	peak
4	5720.000	49.38	1.46	50.84	110.80	-59.96	peak
5	5725.000	49.41	1.47	50.88	122.20	-71.32	peak
6	5823.200	106.59	1.78	108.37	131.20	-22.83	peak
7	5850.000	55.84	1.86	57.70	122.20	-64.50	peak
8	5855.000	53.40	1.87	55.27	110.80	-55.53	peak
9	5875.000	48.70	1.94	50.64	105.20	-54.56	peak
10	5925.000	49.50	2.09	51.59	68.20	-16.61	peak
11	6153.600	50.87	2.90	53.77	68.20	-14.43	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



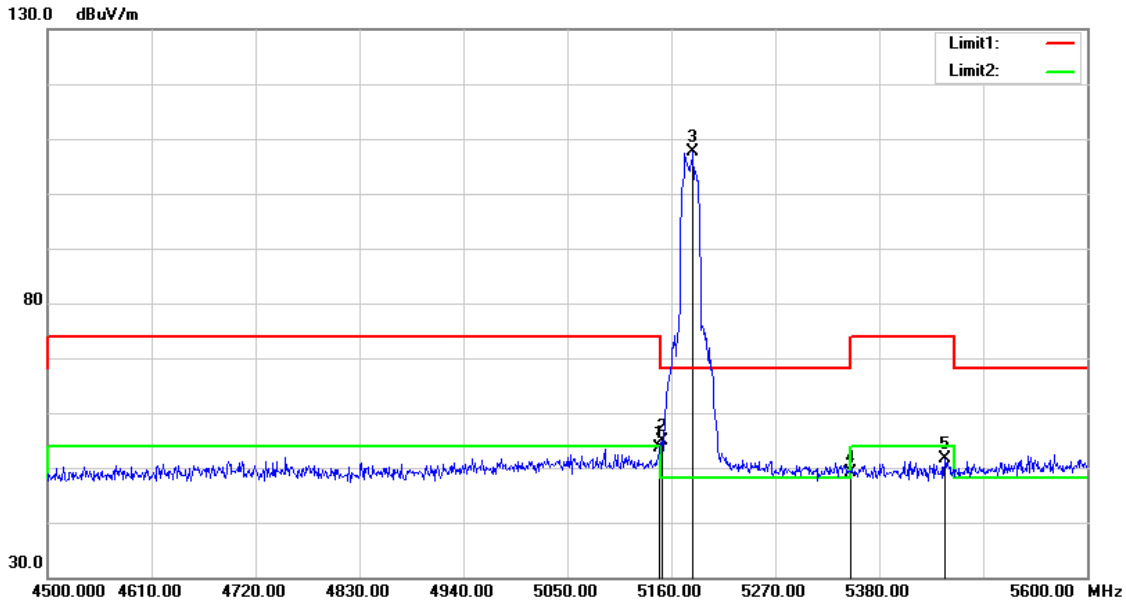
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.800	61.34	0.12	61.46	74.00	-12.54	peak
2	5150.000	60.51	0.12	60.63	74.00	-13.37	peak
3	5178.700	113.88	0.17	114.05	68.20	45.85	peak
4	5350.000	48.69	0.50	49.19	74.00	-24.81	peak
5	5393.200	50.24	0.57	50.81	74.00	-23.19	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



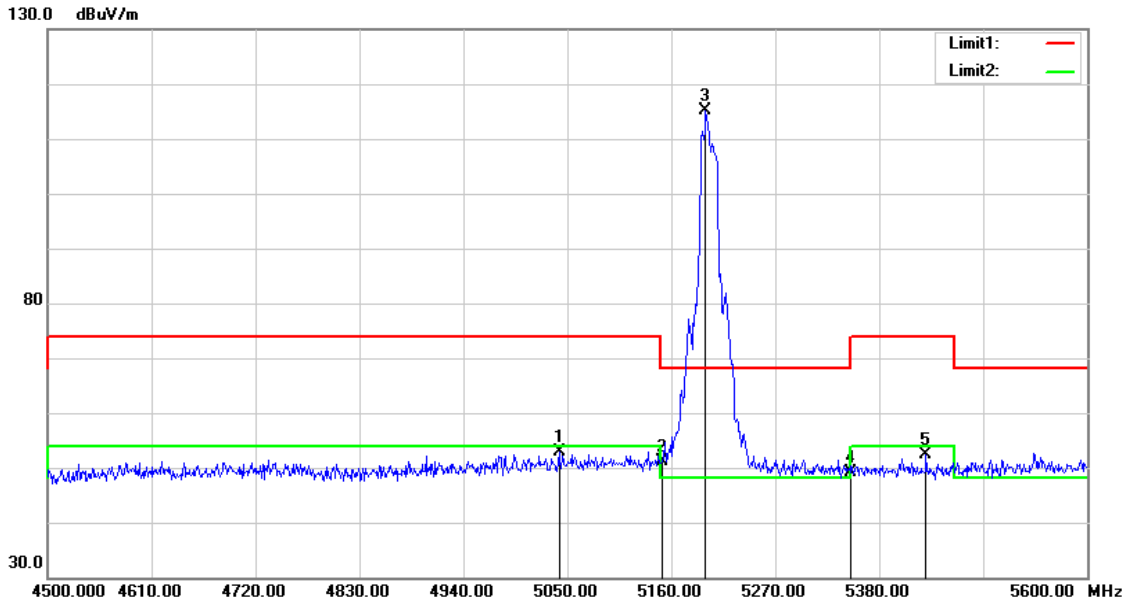
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	53.62	0.12	53.74	74.00	-20.26	peak
2	5150.000	54.69	0.12	54.81	74.00	-19.19	peak
3	5183.100	107.44	0.18	107.62	68.20	39.42	peak
4	5350.000	48.66	0.50	49.16	74.00	-24.84	peak
5	5449.300	50.85	0.68	51.53	74.00	-22.47	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



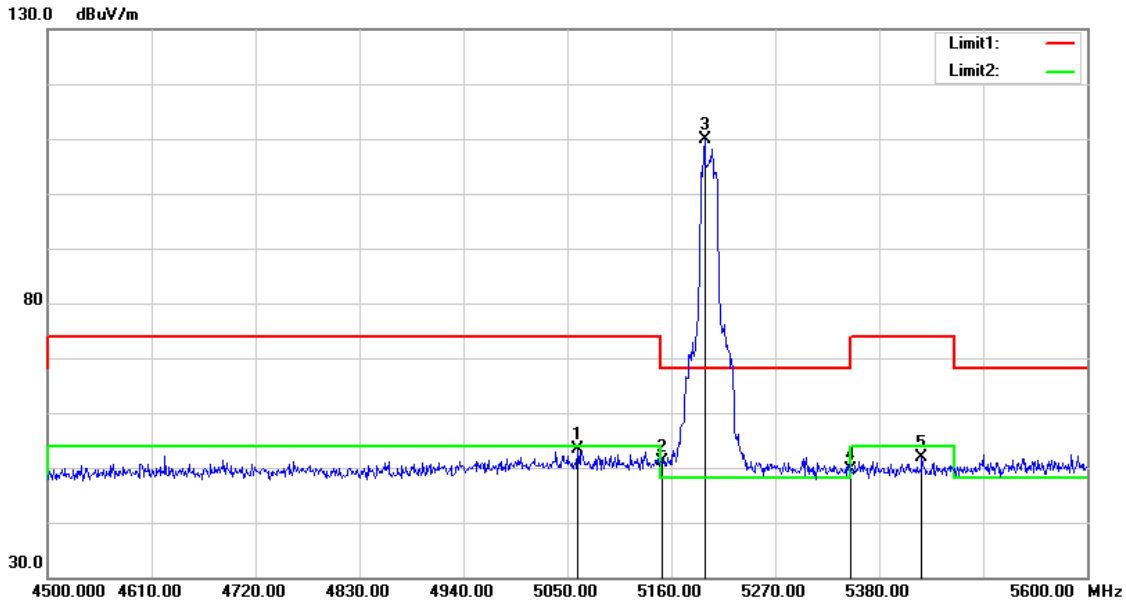
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5041.200	52.96	-0.09	52.87	74.00	-21.13	peak
2	5150.000	50.97	0.12	51.09	74.00	-22.91	peak
3	5196.300	114.92	0.21	115.13	68.20	46.93	peak
4	5350.000	48.63	0.50	49.13	74.00	-24.87	peak
5	5429.500	51.64	0.64	52.28	74.00	-21.72	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



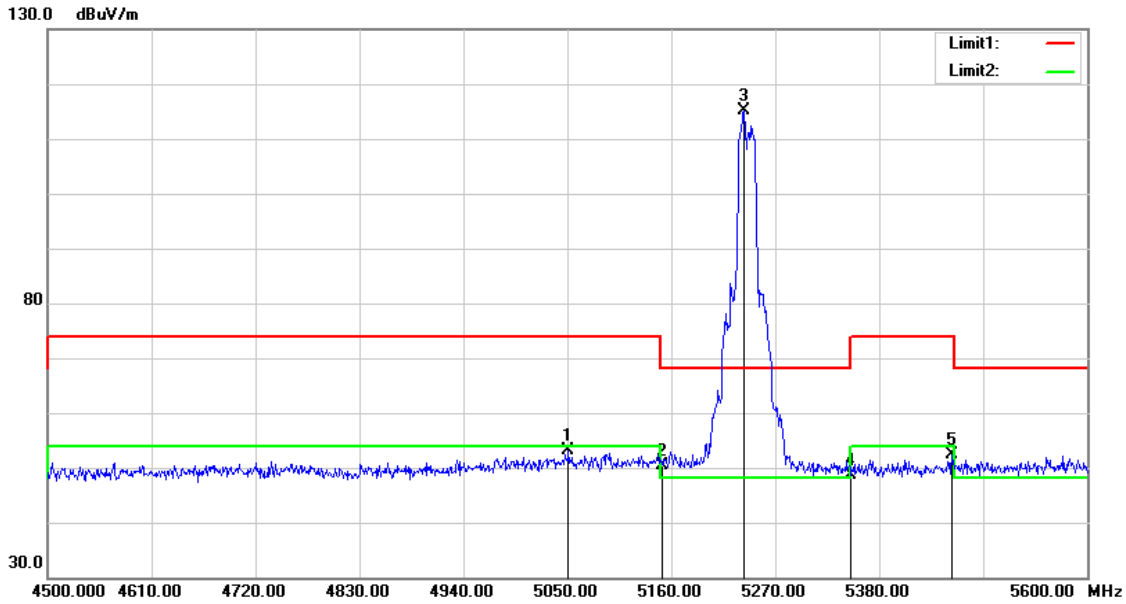
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5061.000	53.31	-0.05	53.26	74.00	-20.74	peak
2	5150.000	51.04	0.12	51.16	74.00	-22.84	peak
3	5195.200	109.55	0.21	109.76	68.20	41.56	peak
4	5350.000	49.20	0.50	49.70	74.00	-24.30	peak
5	5425.100	51.19	0.63	51.82	74.00	-22.18	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



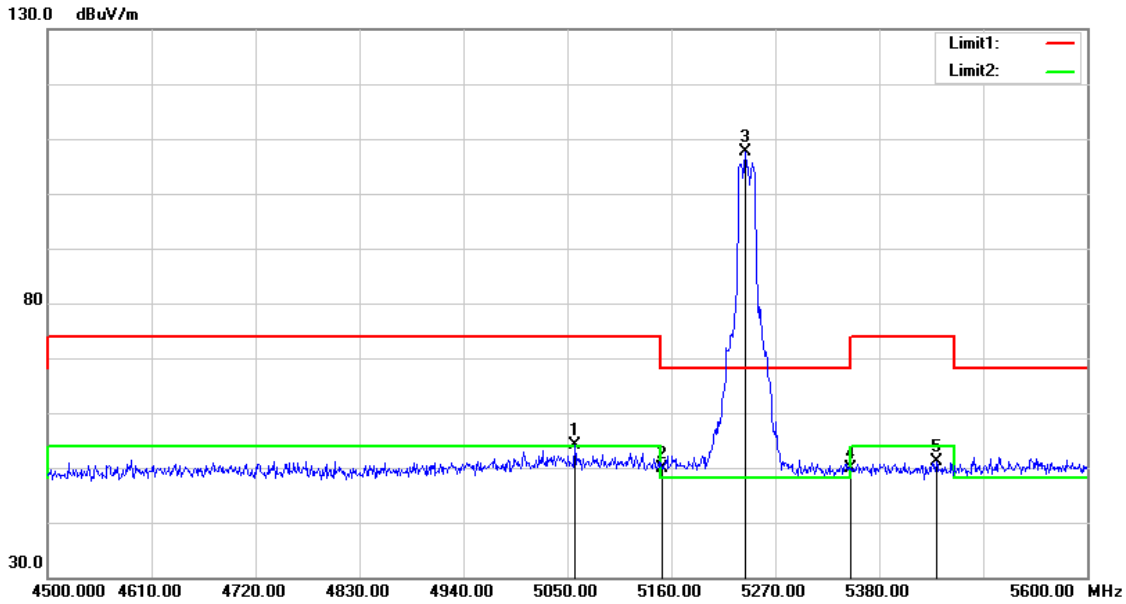
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5051.100	53.25	-0.06	53.19	74.00	-20.81	peak
2	5150.000	50.38	0.12	50.50	74.00	-23.50	peak
3	5237.000	114.86	0.28	115.14	68.20	46.94	peak
4	5350.000	48.23	0.50	48.73	74.00	-25.27	peak
5	5457.000	51.69	0.70	52.39	74.00	-21.61	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



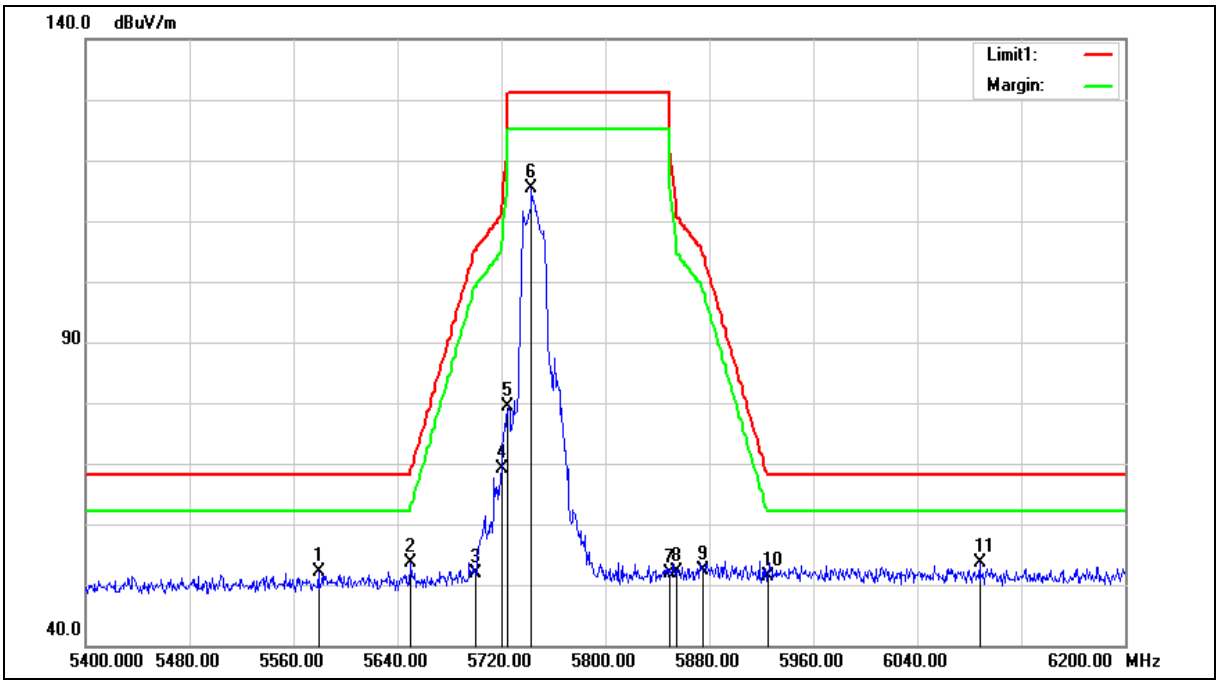
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5057.700	54.26	-0.05	54.21	74.00	-19.79	peak
2	5150.000	49.76	0.12	49.88	74.00	-24.12	peak
3	5238.100	107.40	0.28	107.68	68.20	39.48	peak
4	5350.000	49.42	0.50	49.92	74.00	-24.08	peak
5	5440.500	50.45	0.66	51.11	74.00	-22.89	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

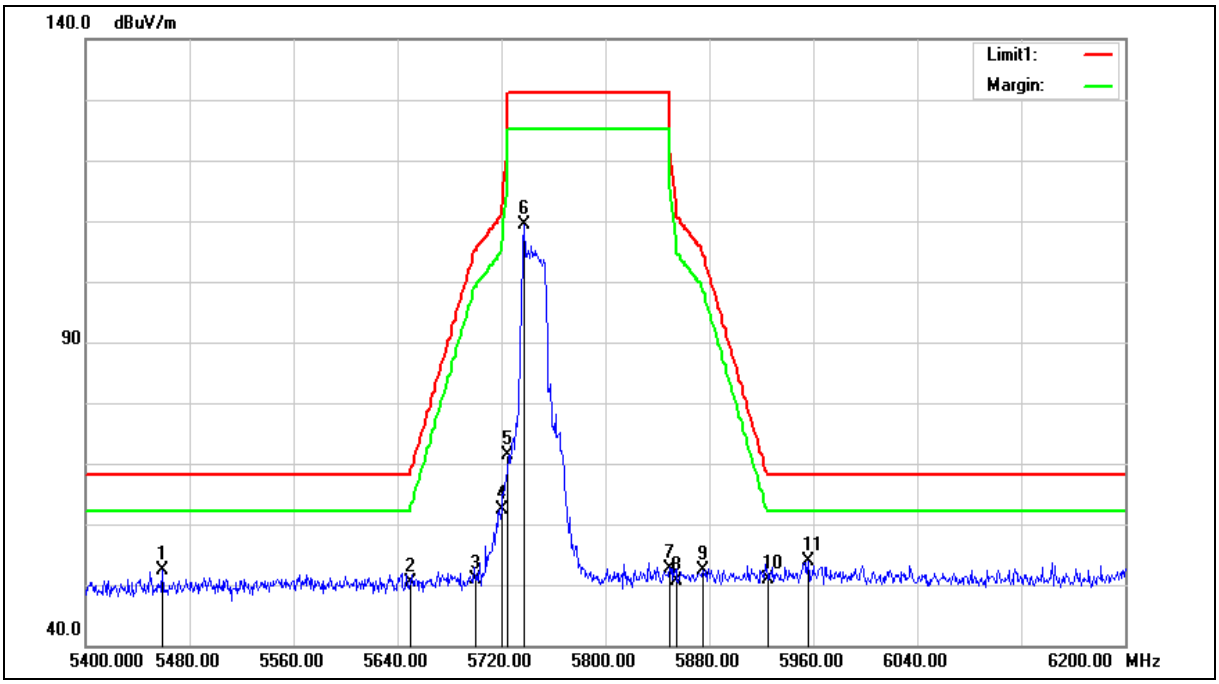
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5579.200	51.16	1.02	52.18	68.20	-16.02	peak
2	5650.000	52.41	1.23	53.64	68.20	-14.56	peak
3	5700.000	50.60	1.39	51.99	105.20	-53.21	peak
4	5720.000	67.57	1.46	69.03	110.80	-41.77	peak
5	5725.000	77.90	1.47	79.37	122.20	-42.83	peak
6	5743.200	113.95	1.52	115.47	131.20	-15.73	peak
7	5850.000	50.07	1.86	51.93	122.20	-70.27	peak
8	5855.000	50.21	1.87	52.08	110.80	-58.72	peak
9	5875.000	50.40	1.94	52.34	105.20	-52.86	peak
10	5925.000	49.21	2.09	51.30	68.20	-16.90	peak
11	6088.000	50.90	2.65	53.55	68.20	-14.65	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

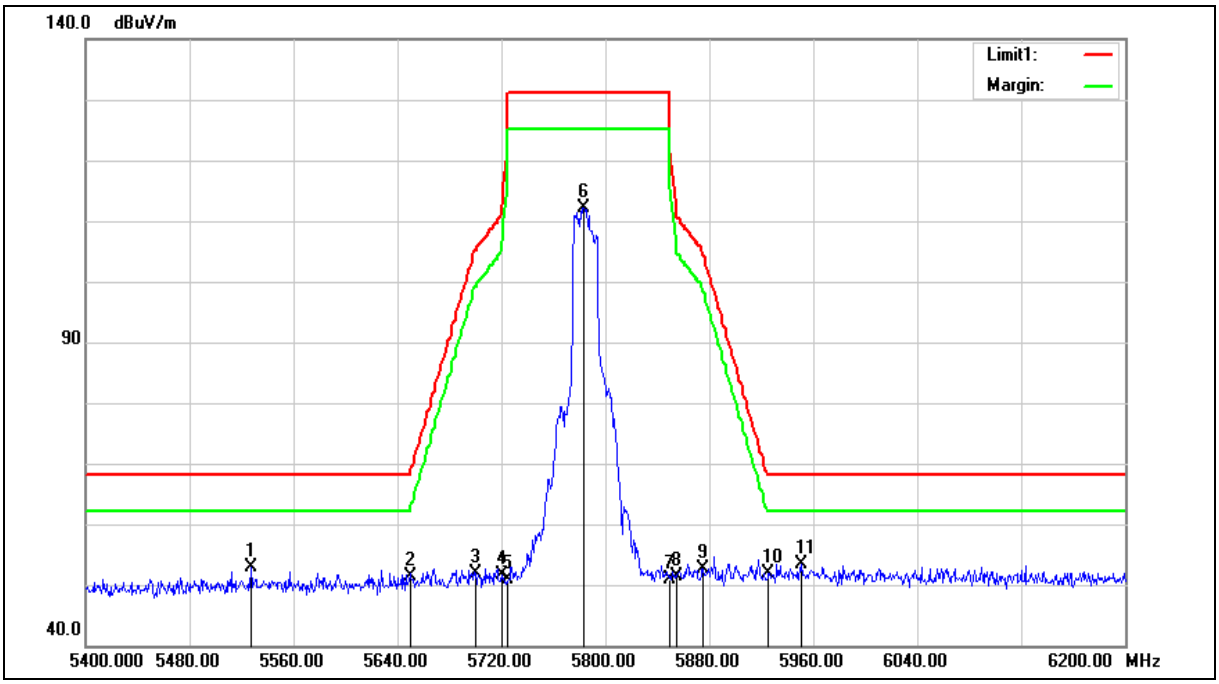
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5459.200	51.69	0.71	52.40	68.20	-15.80	peak
2	5650.000	49.14	1.23	50.37	68.20	-17.83	peak
3	5700.000	49.50	1.39	50.89	105.20	-54.31	peak
4	5720.000	60.90	1.46	62.36	110.80	-48.44	peak
5	5725.000	69.99	1.47	71.46	122.20	-50.74	peak
6	5737.600	107.95	1.51	109.46	131.20	-21.74	peak
7	5850.000	50.79	1.86	52.65	122.20	-69.55	peak
8	5855.000	48.87	1.87	50.74	110.80	-60.06	peak
9	5875.000	50.47	1.94	52.41	105.20	-52.79	peak
10	5925.000	48.82	2.09	50.91	68.20	-17.29	peak
11	5956.000	51.59	2.19	53.78	68.20	-14.42	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

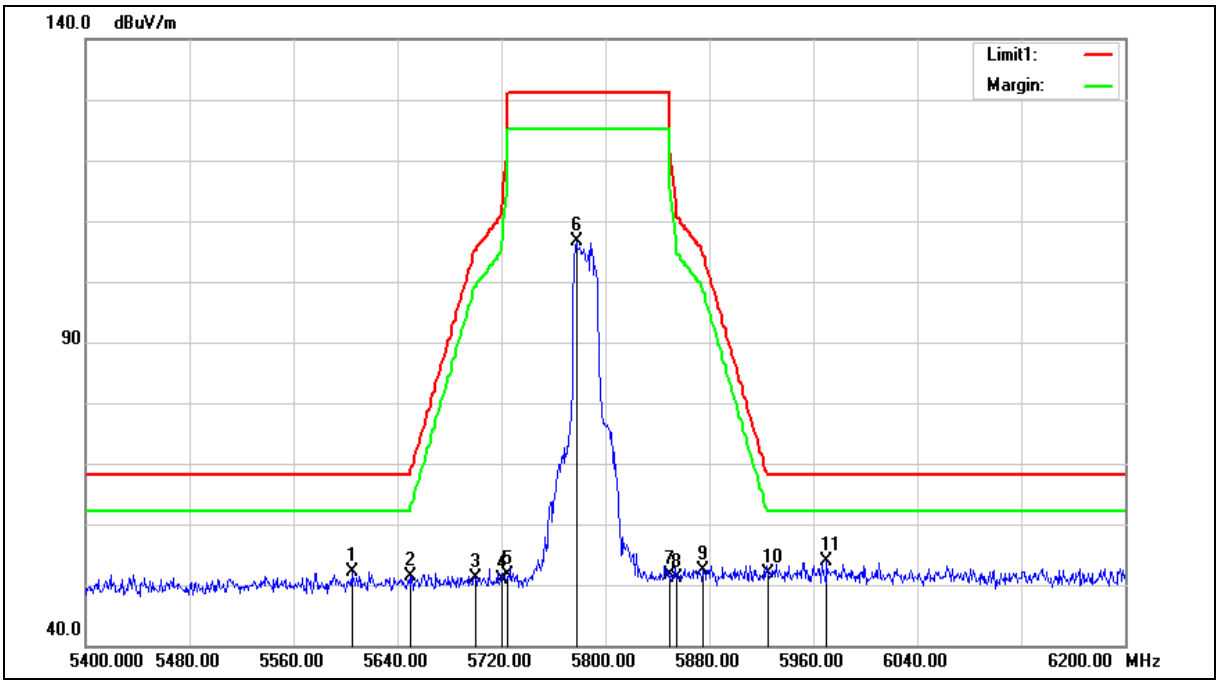
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5527.200	51.98	0.85	52.83	68.20	-15.37	peak
2	5650.000	50.07	1.23	51.30	68.20	-16.90	peak
3	5700.000	50.40	1.39	51.79	105.20	-53.41	peak
4	5720.000	50.14	1.46	51.60	110.80	-59.20	peak
5	5725.000	49.42	1.47	50.89	122.20	-71.31	peak
6	5783.200	110.51	1.65	112.16	131.20	-19.04	peak
7	5850.000	49.13	1.86	50.99	122.20	-71.21	peak
8	5855.000	49.45	1.87	51.32	110.80	-59.48	peak
9	5875.000	50.67	1.94	52.61	105.20	-52.59	peak
10	5925.000	49.89	2.09	51.98	68.20	-16.22	peak
11	5951.200	51.25	2.16	53.41	68.20	-14.79	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

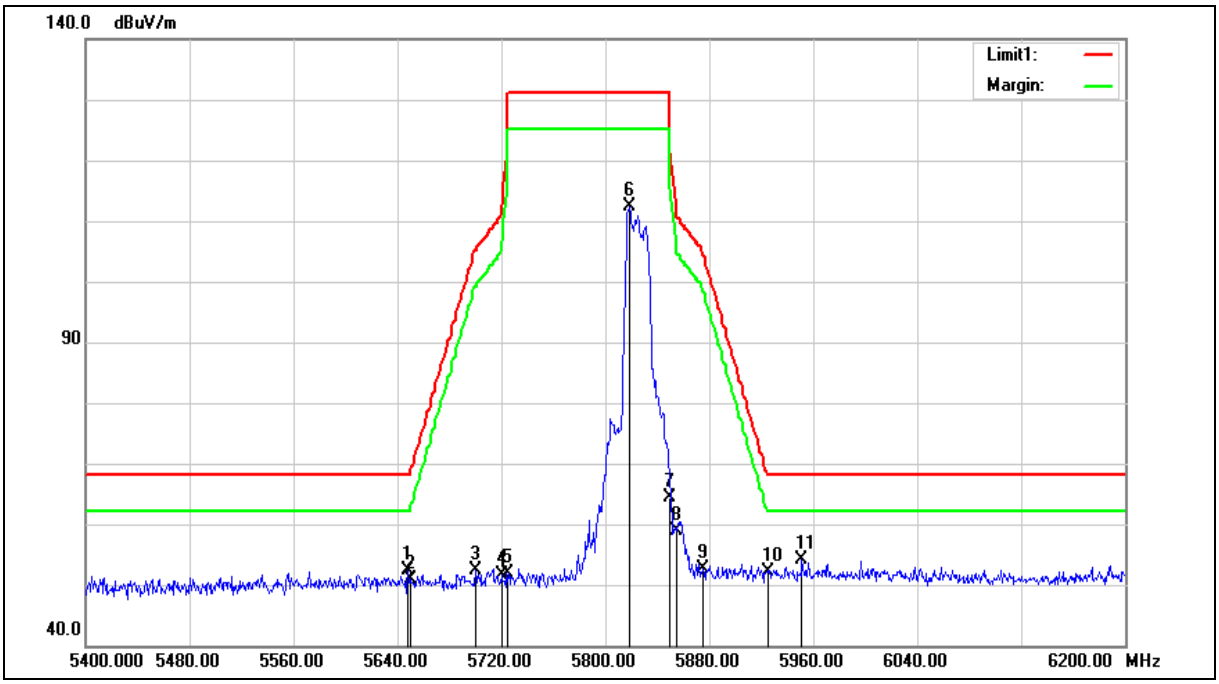
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5604.800	50.93	1.10	52.03	68.20	-16.17	peak
2	5650.000	50.17	1.23	51.40	68.20	-16.80	peak
3	5700.000	49.83	1.39	51.22	105.20	-53.98	peak
4	5720.000	49.44	1.46	50.90	110.80	-59.90	peak
5	5725.000	50.20	1.47	51.67	122.20	-70.53	peak
6	5777.600	105.03	1.63	106.66	131.20	-24.54	peak
7	5850.000	49.85	1.86	51.71	122.20	-70.49	peak
8	5855.000	49.35	1.87	51.22	110.80	-59.58	peak
9	5875.000	50.54	1.94	52.48	105.20	-52.72	peak
10	5925.000	49.87	2.09	51.96	68.20	-16.24	peak
11	5970.400	51.73	2.23	53.96	68.20	-14.24	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

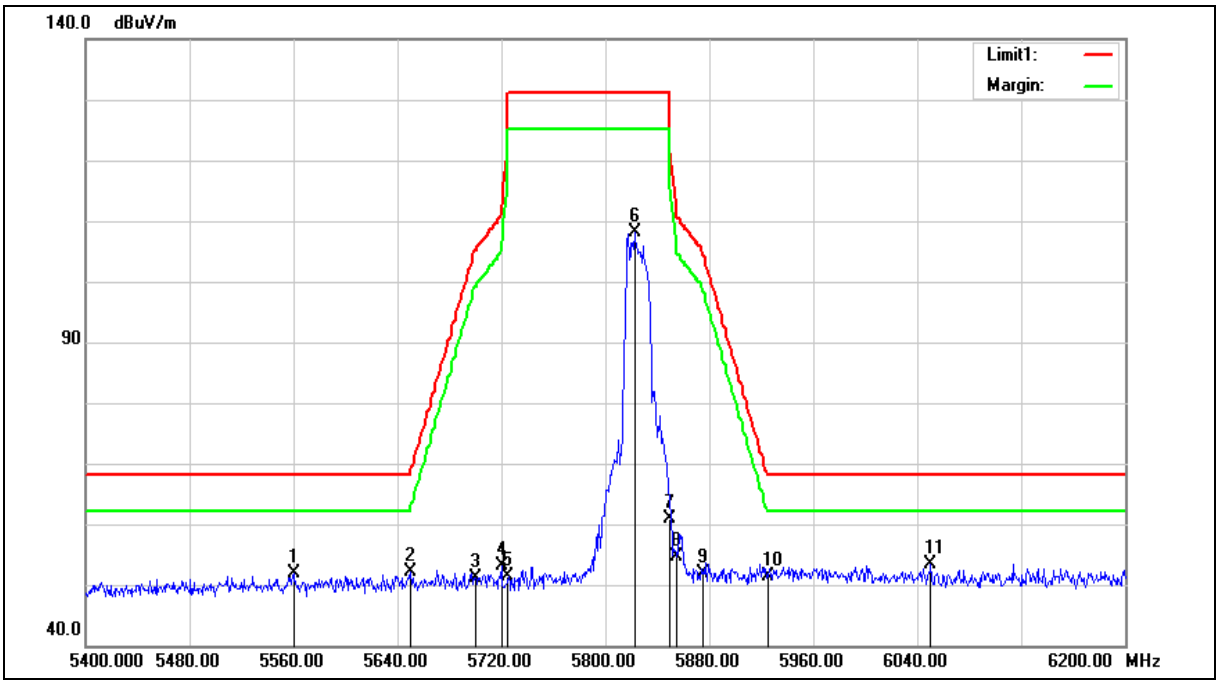
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5648.000	51.17	1.23	52.40	68.20	-15.80	peak
2	5650.000	49.55	1.23	50.78	68.20	-17.42	peak
3	5700.000	50.87	1.39	52.26	105.20	-52.94	peak
4	5720.000	50.12	1.46	51.58	110.80	-59.22	peak
5	5725.000	50.47	1.47	51.94	122.20	-70.26	peak
6	5818.400	110.55	1.76	112.31	131.20	-18.89	peak
7	5850.000	62.46	1.86	64.32	122.20	-57.88	peak
8	5855.000	57.03	1.87	58.90	110.80	-51.90	peak
9	5875.000	50.76	1.94	52.70	105.20	-52.50	peak
10	5925.000	49.96	2.09	52.05	68.20	-16.15	peak
11	5951.200	51.85	2.16	54.01	68.20	-14.19	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

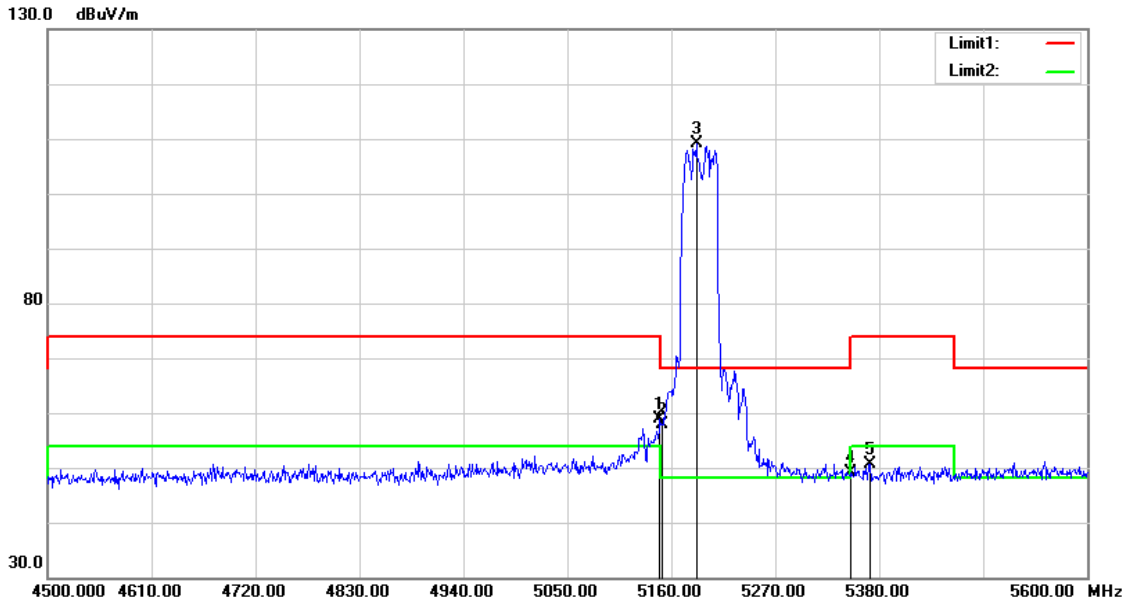
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5560.000	50.79	0.97	51.76	68.20	-16.44	peak
2	5650.000	50.79	1.23	52.02	68.20	-16.18	peak
3	5700.000	49.66	1.39	51.05	105.20	-54.15	peak
4	5720.000	51.63	1.46	53.09	110.80	-57.71	peak
5	5725.000	50.00	1.47	51.47	122.20	-70.73	peak
6	5822.400	106.35	1.78	108.13	131.20	-23.07	peak
7	5850.000	58.95	1.86	60.81	122.20	-61.39	peak
8	5855.000	52.72	1.87	54.59	110.80	-56.21	peak
9	5875.000	49.97	1.94	51.91	105.20	-53.29	peak
10	5925.000	49.35	2.09	51.44	68.20	-16.76	peak
11	6050.400	50.98	2.51	53.49	68.20	-14.71	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



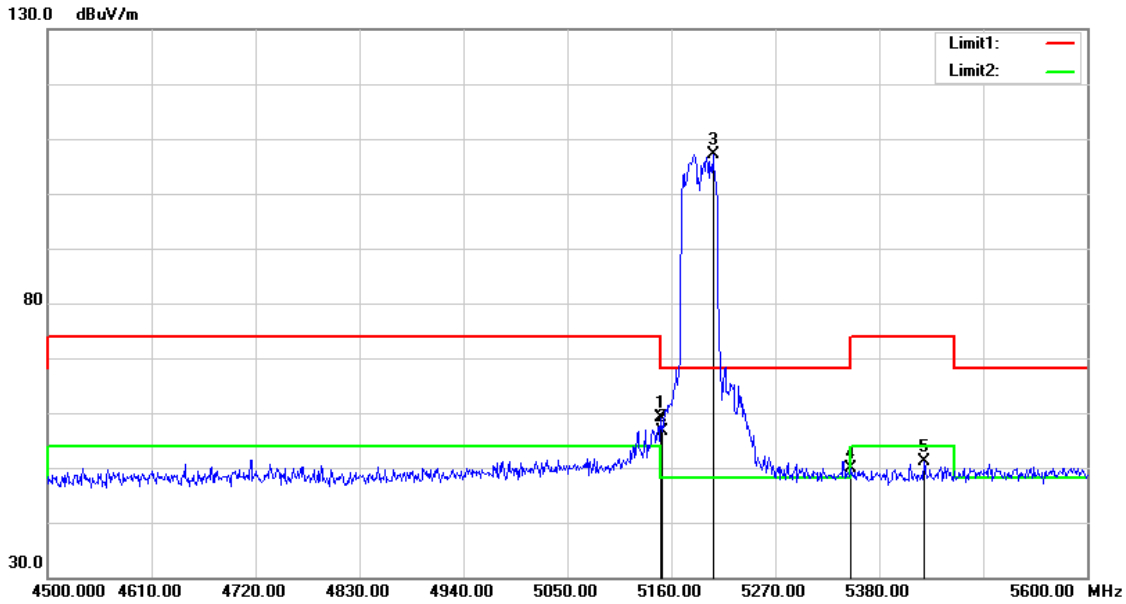
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	59.03	-0.08	58.95	74.00	-15.05	peak
2	5150.000	58.07	-0.08	57.99	74.00	-16.01	peak
3	5186.400	109.21	-0.01	109.20	68.20	41.00	peak
4	5350.000	48.95	0.30	49.25	74.00	-24.75	peak
5	5370.100	50.36	0.34	50.70	74.00	-23.30	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



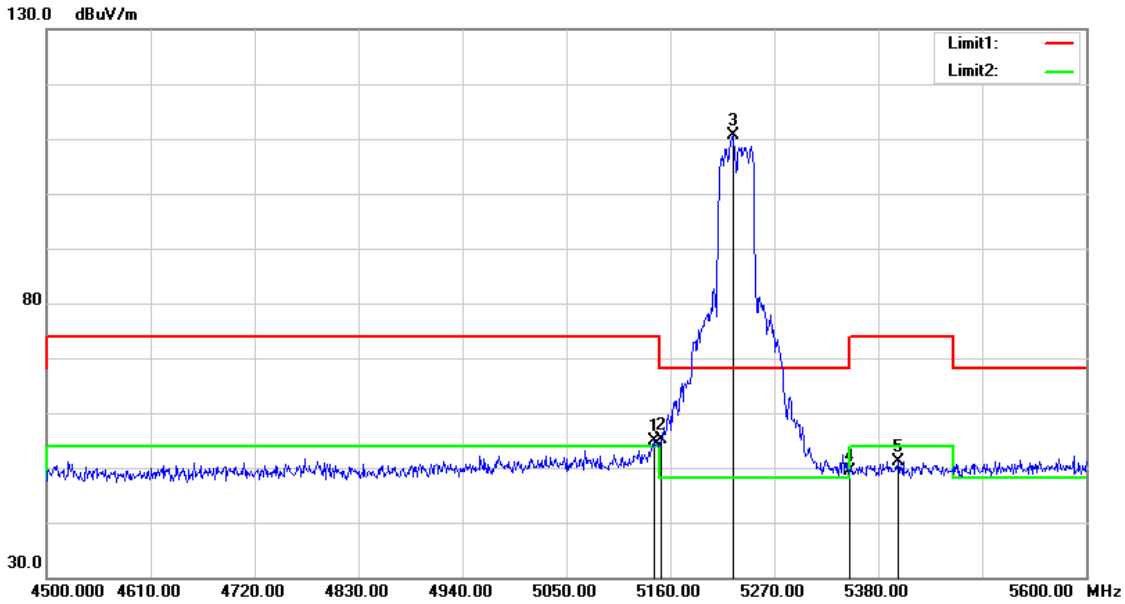
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.000	59.19	-0.08	59.11	74.00	-14.89	peak
2	5150.000	56.70	-0.08	56.62	74.00	-17.38	peak
3	5204.000	107.18	0.02	107.20	68.20	39.00	peak
4	5350.000	49.66	0.30	49.96	74.00	-24.04	peak
5	5427.300	50.71	0.44	51.15	74.00	-22.85	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



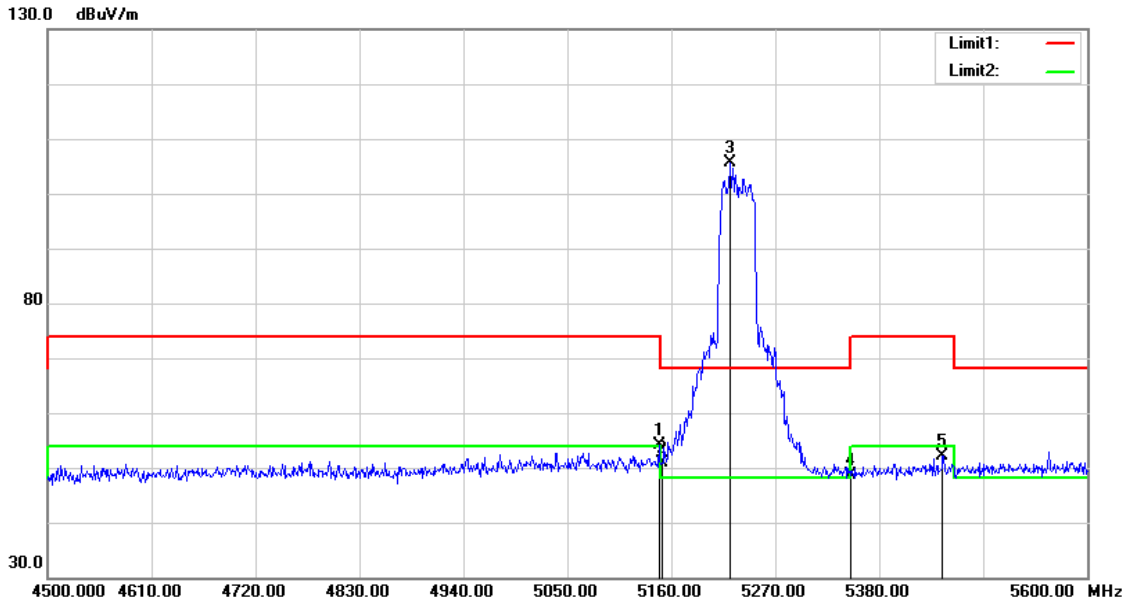
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.400	54.71	0.10	54.81	74.00	-19.19	peak
2	5150.000	55.02	0.12	55.14	74.00	-18.86	peak
3	5226.000	110.33	0.26	110.59	68.20	42.39	peak
4	5350.000	48.78	0.50	49.28	74.00	-24.72	peak
5	5400.900	50.61	0.59	51.20	74.00	-22.80	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



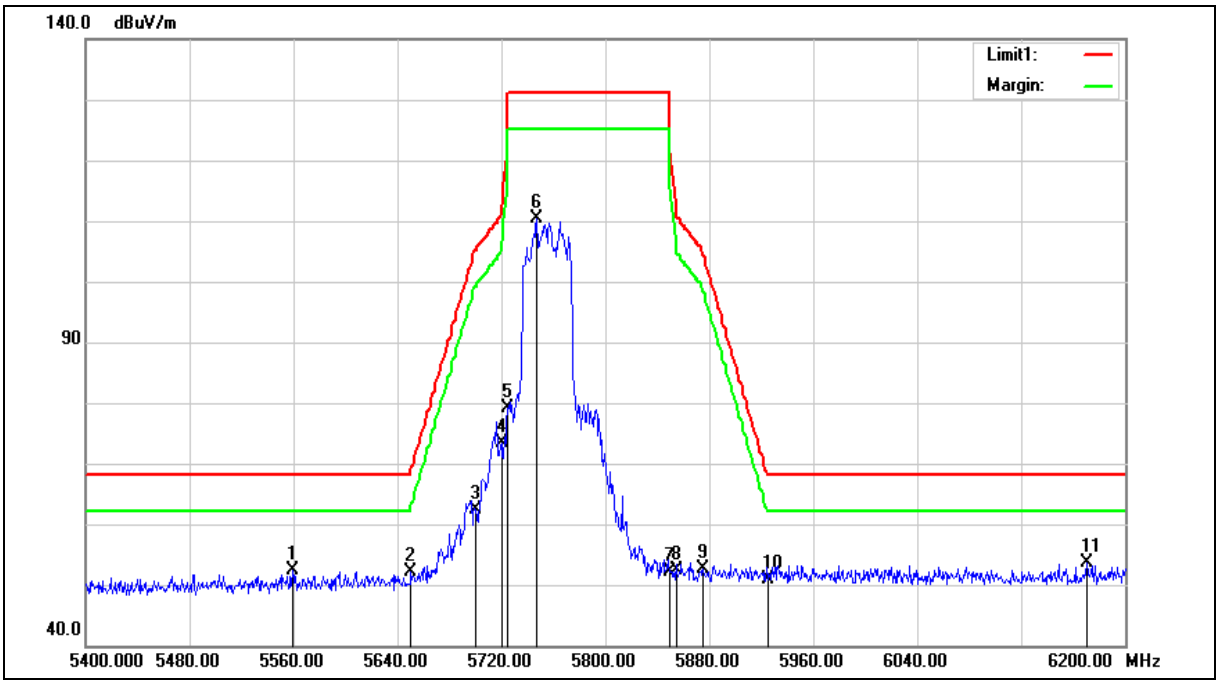
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.800	53.94	0.12	54.06	74.00	-19.94	peak
2	5150.000	50.71	0.12	50.83	74.00	-23.17	peak
3	5222.700	105.47	0.26	105.73	68.20	37.53	peak
4	5350.000	48.10	0.50	48.60	74.00	-25.40	peak
5	5447.100	51.48	0.68	52.16	74.00	-21.84	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

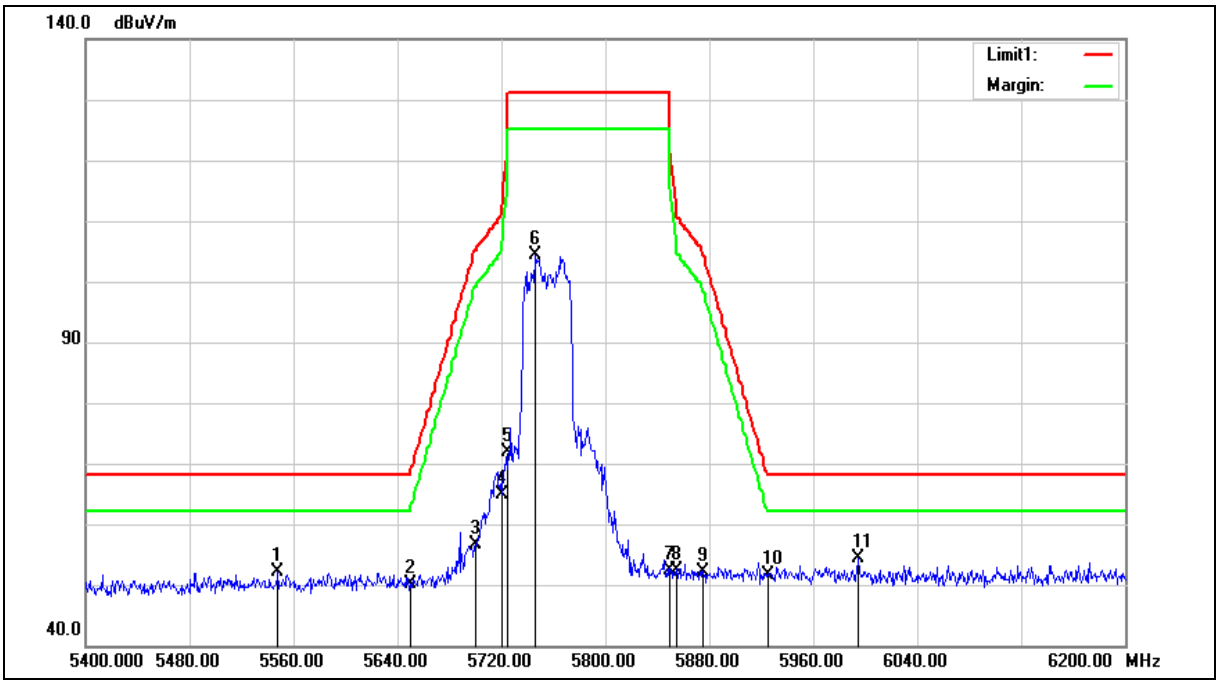
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5559.200	51.34	0.95	52.29	68.20	-15.91	peak
2	5650.000	50.83	1.23	52.06	68.20	-16.14	peak
3	5700.000	61.07	1.39	62.46	105.20	-42.74	peak
4	5720.000	71.86	1.46	73.32	110.80	-37.48	peak
5	5725.000	77.75	1.47	79.22	122.20	-42.98	peak
6	5747.200	108.80	1.55	110.35	131.20	-20.85	peak
7	5850.000	50.32	1.86	52.18	122.20	-70.02	peak
8	5855.000	50.49	1.87	52.36	110.80	-58.44	peak
9	5875.000	50.80	1.94	52.74	105.20	-52.46	peak
10	5925.000	48.74	2.09	50.83	68.20	-17.37	peak
11	6170.400	50.70	2.97	53.67	68.20	-14.53	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		

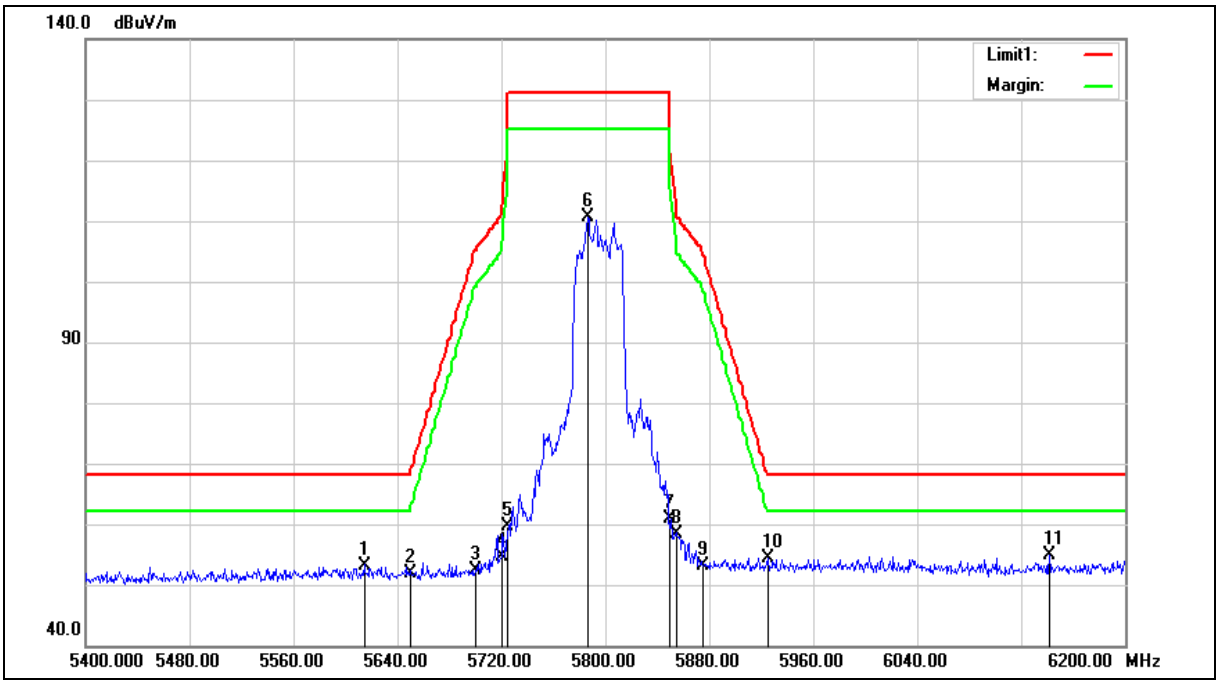
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5548.000	51.13	0.93	52.06	68.20	-16.14	peak
2	5650.000	48.98	1.23	50.21	68.20	-17.99	peak
3	5700.000	55.16	1.39	56.55	105.20	-48.65	peak
4	5720.000	63.37	1.46	64.83	110.80	-45.97	peak
5	5725.000	70.47	1.47	71.94	122.20	-50.26	peak
6	5746.400	102.97	1.53	104.50	131.20	-26.70	peak
7	5850.000	50.42	1.86	52.28	122.20	-69.92	peak
8	5855.000	50.46	1.87	52.33	110.80	-58.47	peak
9	5875.000	50.10	1.94	52.04	105.20	-53.16	peak
10	5925.000	49.51	2.09	51.60	68.20	-16.60	peak
11	5994.400	52.05	2.31	54.36	68.20	-13.84	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

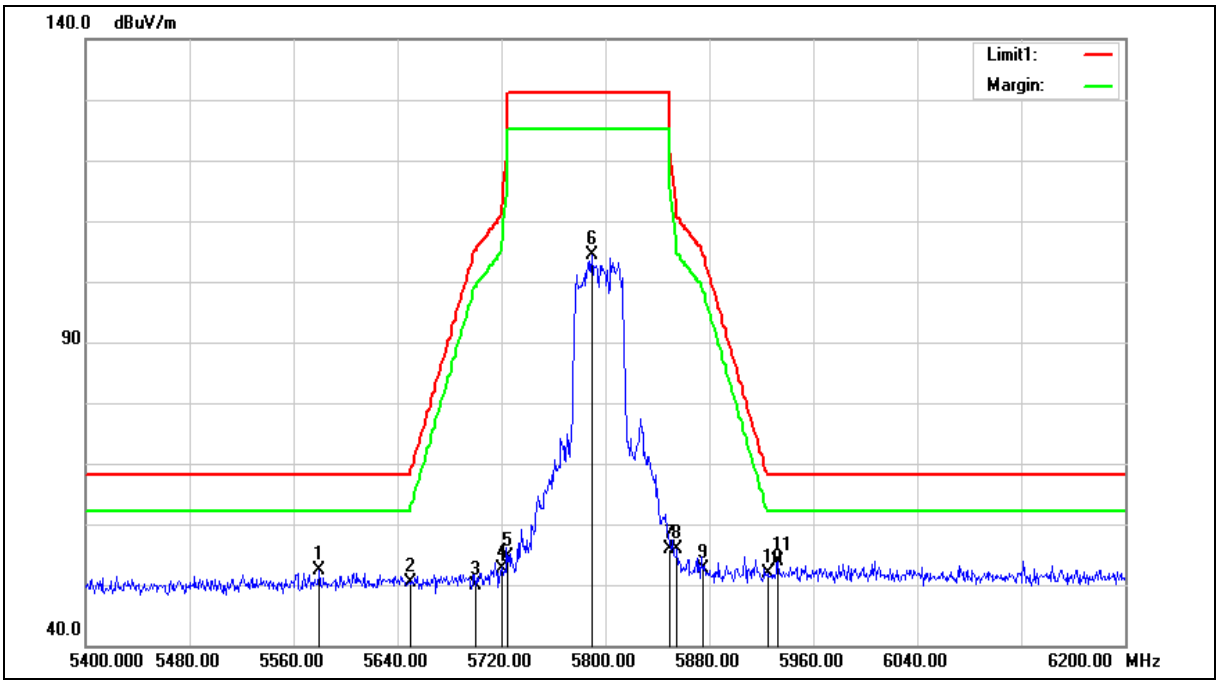
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5614.400	52.12	1.13	53.25	68.20	-14.95	peak
2	5650.000	50.55	1.23	51.78	68.20	-16.42	peak
3	5700.000	50.99	1.39	52.38	105.20	-52.82	peak
4	5720.000	53.17	1.46	54.63	110.80	-56.17	peak
5	5725.000	58.14	1.47	59.61	122.20	-62.59	peak
6	5786.400	109.07	1.66	110.73	131.20	-20.47	peak
7	5850.000	59.04	1.86	60.90	122.20	-61.30	peak
8	5855.000	56.56	1.87	58.43	110.80	-52.37	peak
9	5875.000	51.23	1.94	53.17	105.20	-52.03	peak
10	5925.000	52.37	2.09	54.46	68.20	-13.74	peak
11	6141.600	51.99	2.86	54.85	68.20	-13.35	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		

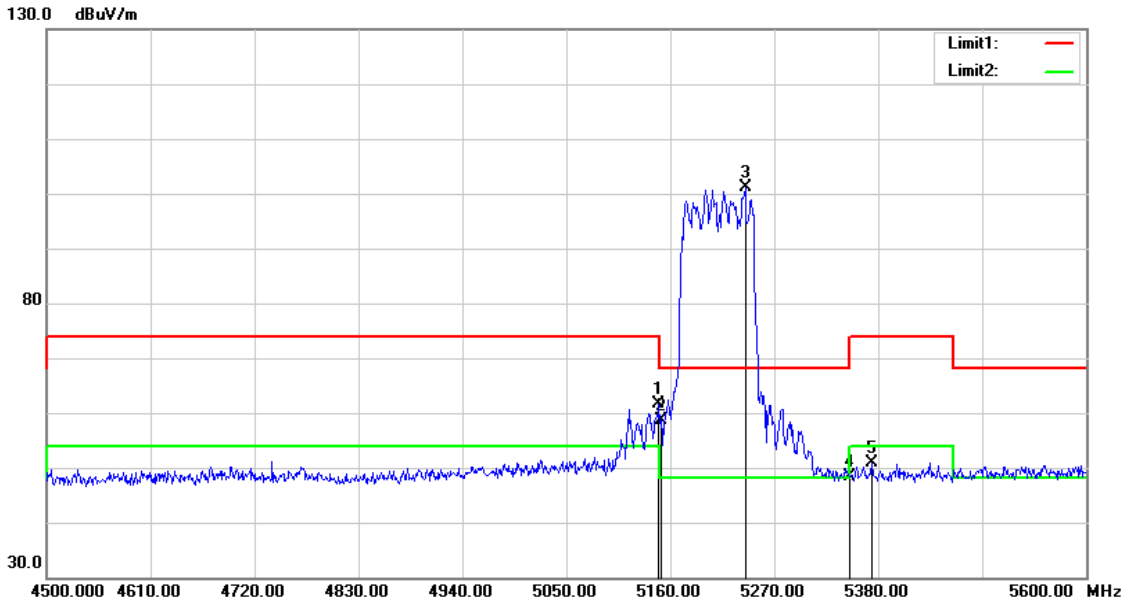
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5580.000	51.32	1.02	52.34	68.20	-15.86	peak
2	5650.000	49.13	1.23	50.36	68.20	-17.84	peak
3	5700.000	48.41	1.39	49.80	105.20	-55.40	peak
4	5720.000	51.13	1.46	52.59	110.80	-58.21	peak
5	5725.000	53.23	1.47	54.70	122.20	-67.50	peak
6	5789.600	102.63	1.67	104.30	131.20	-26.90	peak
7	5850.000	53.95	1.86	55.81	122.20	-66.39	peak
8	5855.000	53.97	1.87	55.84	110.80	-54.96	peak
9	5875.000	50.68	1.94	52.62	105.20	-52.58	peak
10	5925.000	49.82	2.09	51.91	68.20	-16.29	peak
11	5932.800	51.88	2.11	53.99	68.20	-14.21	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



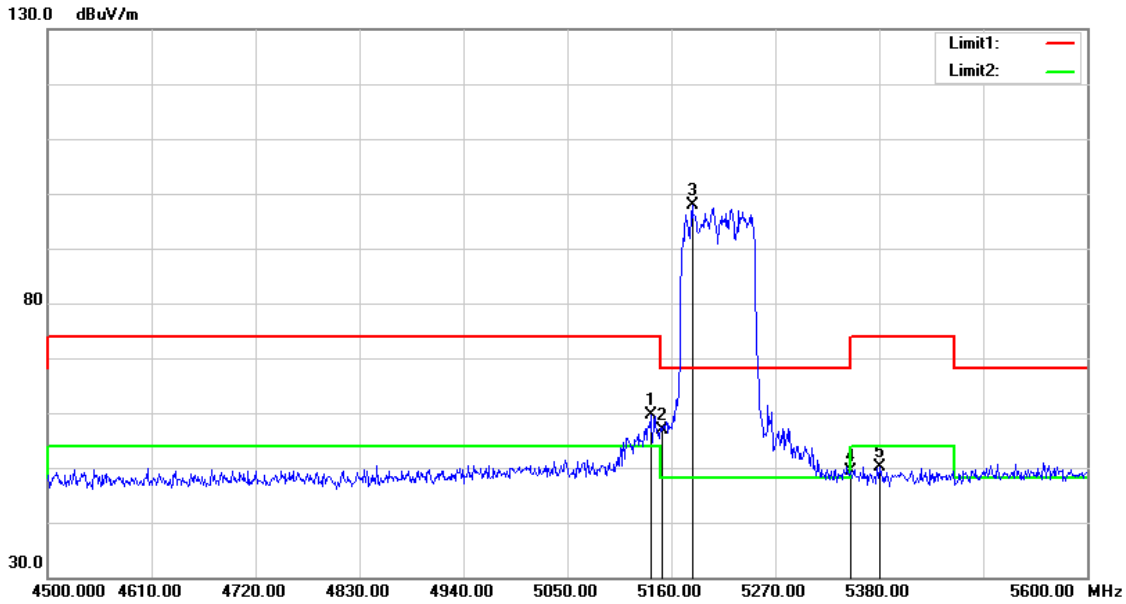
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	61.67	-0.08	61.59	74.00	-12.41	peak
2	5150.000	58.67	-0.08	58.59	74.00	-15.41	peak
3	5239.200	101.06	0.08	101.14	68.20	32.94	peak
4	5350.000	47.97	0.30	48.27	74.00	-25.73	peak
5	5373.400	50.62	0.34	50.96	74.00	-23.04	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



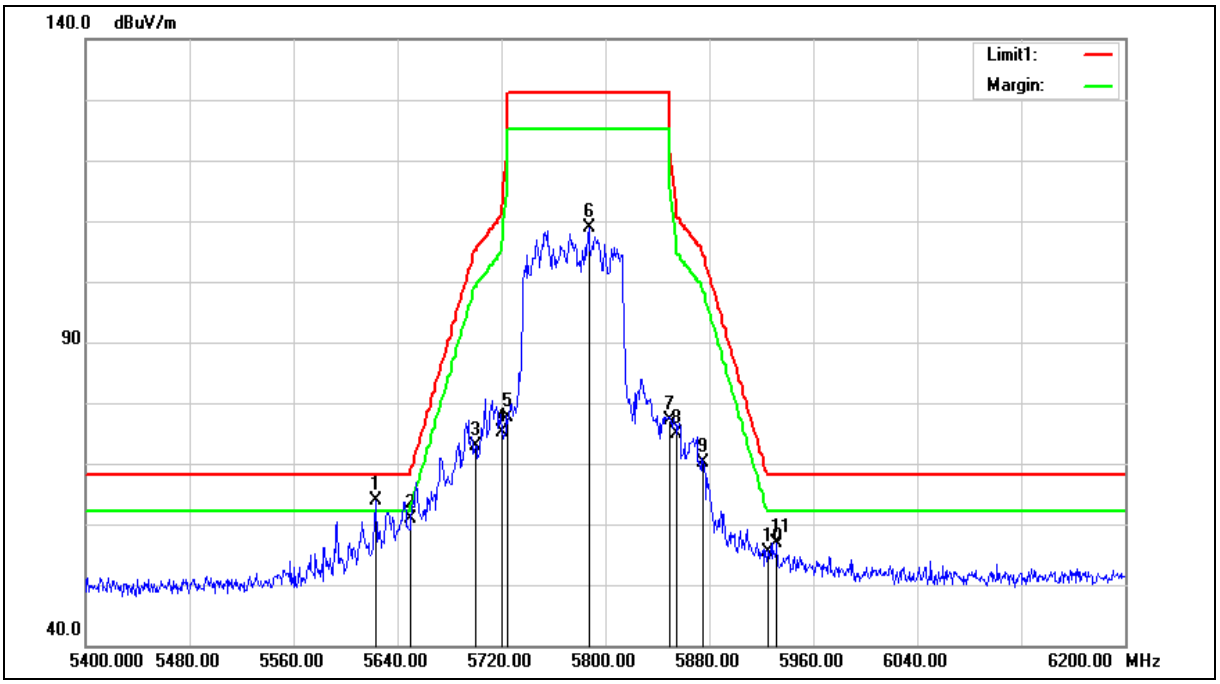
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.000	59.79	-0.10	59.69	74.00	-14.31	peak
2	5150.000	56.84	-0.08	56.76	74.00	-17.24	peak
3	5182.000	97.88	-0.02	97.86	68.20	29.66	peak
4	5350.000	49.05	0.30	49.35	74.00	-24.65	peak
5	5380.000	49.90	0.35	50.25	74.00	-23.75	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

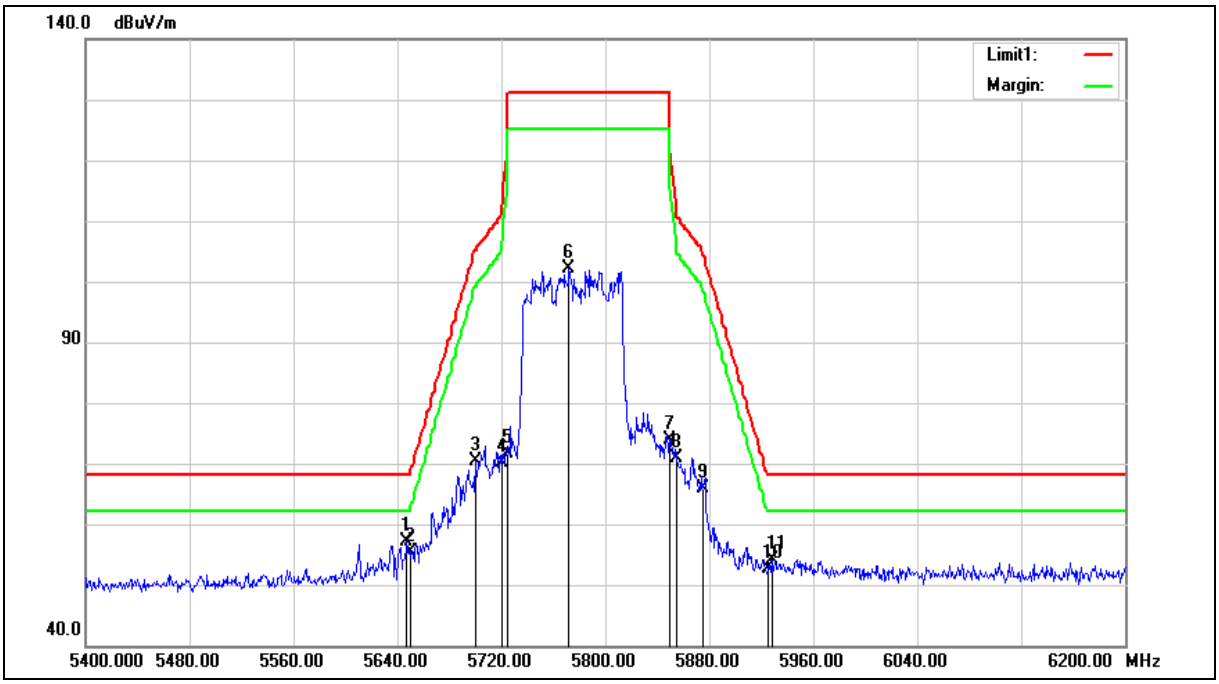
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5623.200	62.63	1.15	63.78	68.20	-4.42	peak
2	5650.000	59.68	1.23	60.91	68.20	-7.29	peak
3	5700.000	71.42	1.39	72.81	105.20	-32.39	peak
4	5720.000	73.60	1.46	75.06	110.80	-35.74	peak
5	5725.000	76.25	1.47	77.72	122.20	-44.48	peak
6	5787.200	107.23	1.66	108.89	131.20	-22.31	peak
7	5850.000	75.32	1.86	77.18	122.20	-45.02	peak
8	5855.000	72.99	1.87	74.86	110.80	-35.94	peak
9	5875.000	68.11	1.94	70.05	105.20	-35.15	peak
10	5925.000	53.26	2.09	55.35	68.20	-12.85	peak
11	5932.000	54.81	2.11	56.92	68.20	-11.28	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5647.200	56.00	1.23	57.23	68.20	-10.97	peak
2	5650.000	54.13	1.23	55.36	68.20	-12.84	peak
3	5700.000	68.94	1.39	70.33	105.20	-34.87	peak
4	5720.000	68.71	1.46	70.17	110.80	-40.63	peak
5	5725.000	70.25	1.47	71.72	122.20	-50.48	peak
6	5772.000	100.60	1.62	102.22	131.20	-28.98	peak
7	5850.000	72.07	1.86	73.93	122.20	-48.27	peak
8	5855.000	68.90	1.87	70.77	110.80	-40.03	peak
9	5875.000	64.06	1.94	66.00	105.20	-39.20	peak
10	5925.000	50.65	2.09	52.74	68.20	-15.46	peak
11	5928.000	52.14	2.10	54.24	68.20	-13.96	peak

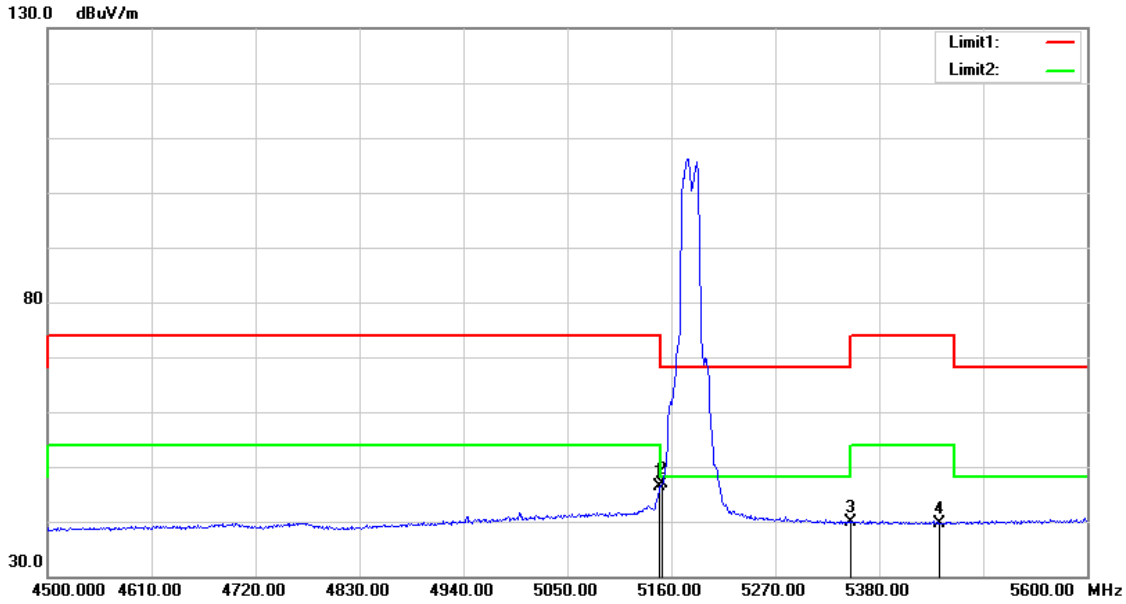
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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

Average

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



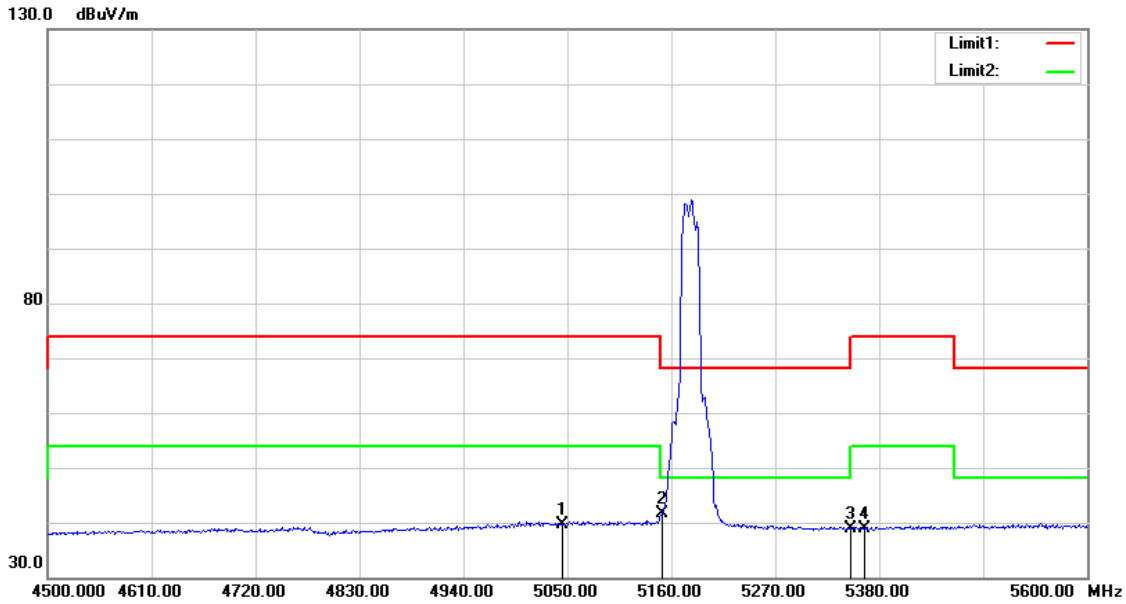
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	46.50	-0.08	46.42	54.00	-7.58	AVG
2	5150.000	47.00	-0.08	46.92	54.00	-7.08	AVG
3	5350.000	39.56	0.30	39.86	54.00	-14.14	AVG
4	5443.800	39.22	0.47	39.69	54.00	-14.31	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



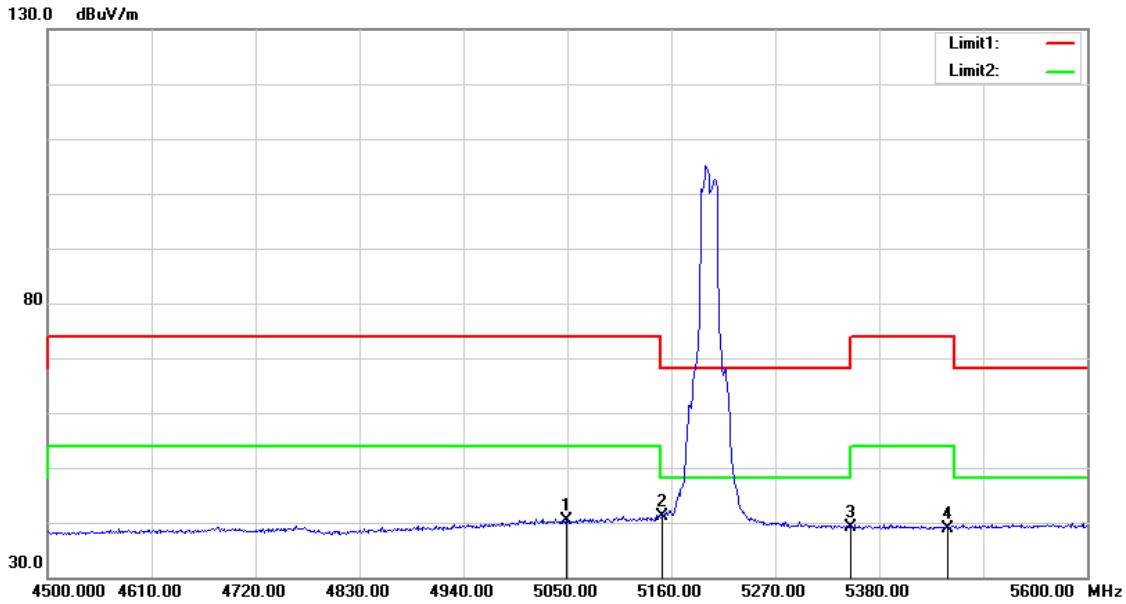
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5044.500	39.73	-0.07	39.66	54.00	-14.34	AVG
2	5150.000	41.43	0.12	41.55	54.00	-12.45	AVG
3	5350.000	38.38	0.50	38.88	54.00	-15.12	AVG
4	5364.600	38.32	0.52	38.84	54.00	-15.16	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



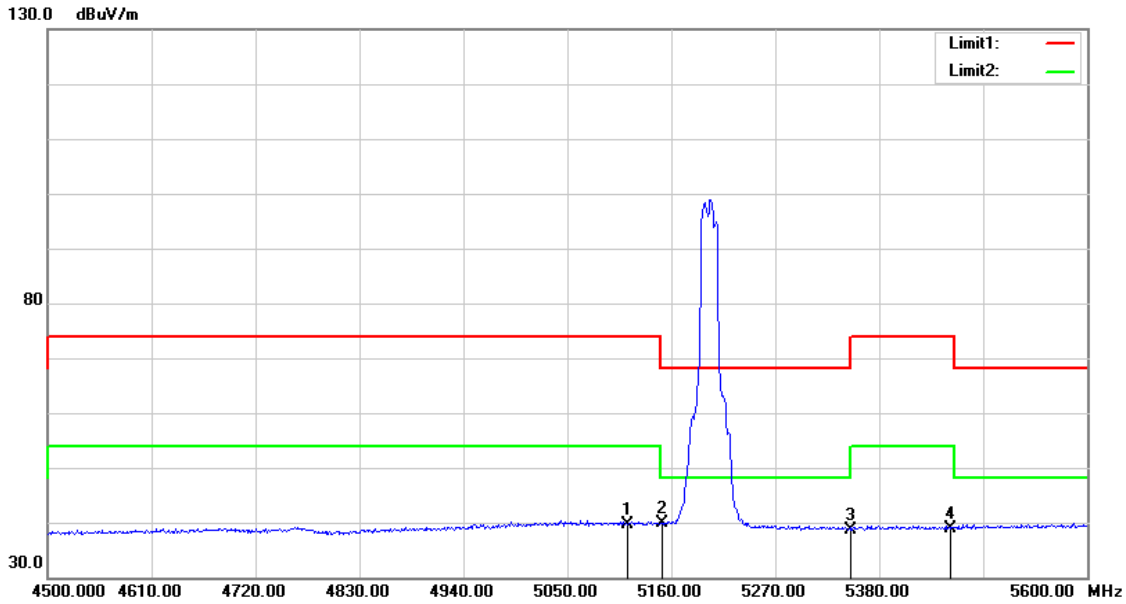
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5048.900	40.47	-0.06	40.41	54.00	-13.59	AVG
2	5150.000	41.11	0.12	41.23	54.00	-12.77	AVG
3	5350.000	38.67	0.50	39.17	54.00	-14.83	AVG
4	5452.600	38.31	0.68	38.99	54.00	-15.01	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



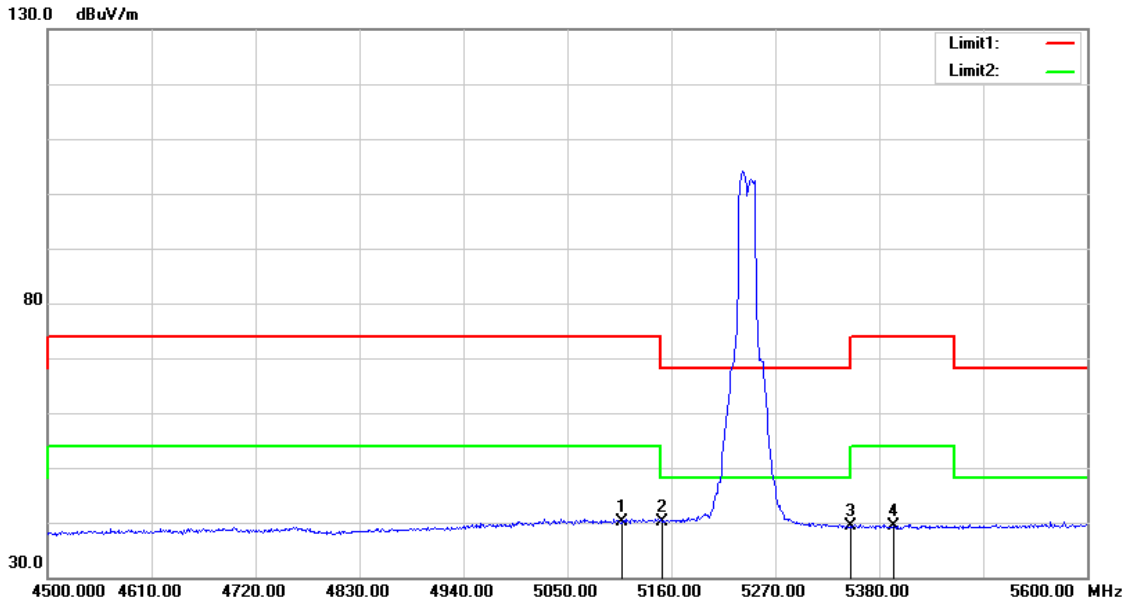
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5113.800	39.67	0.05	39.72	54.00	-14.28	AVG
2	5150.000	39.73	0.12	39.85	54.00	-14.15	AVG
3	5350.000	38.23	0.50	38.73	54.00	-15.27	AVG
4	5454.800	38.31	0.68	38.99	54.00	-15.01	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



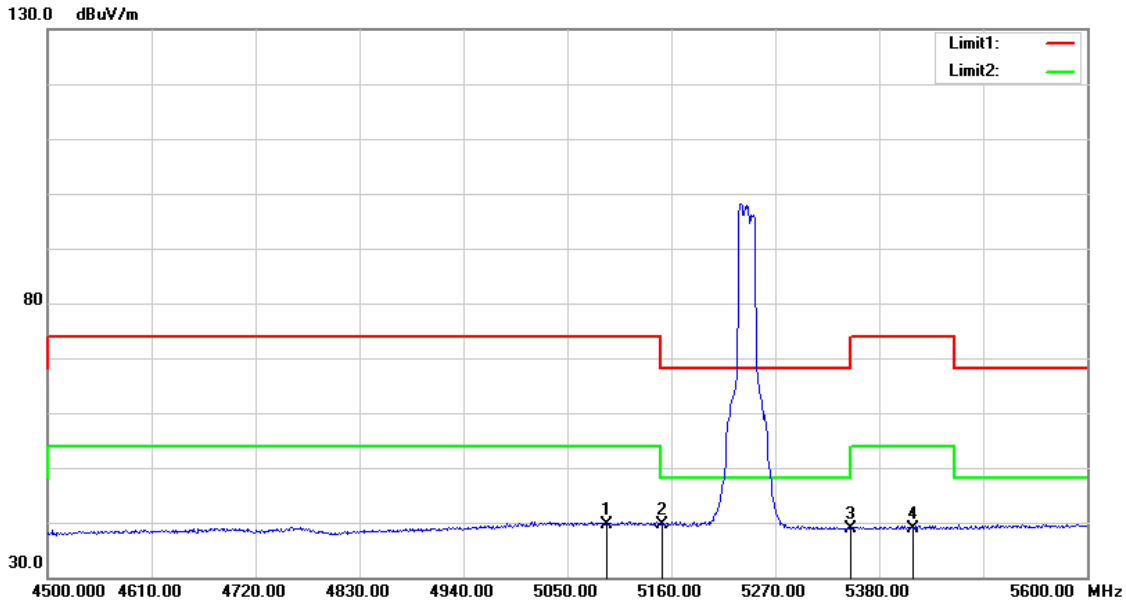
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5107.200	40.07	0.05	40.12	54.00	-13.88	AVG
2	5150.000	40.03	0.12	40.15	54.00	-13.85	AVG
3	5350.000	38.82	0.50	39.32	54.00	-14.68	AVG
4	5395.400	38.82	0.58	39.40	54.00	-14.60	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



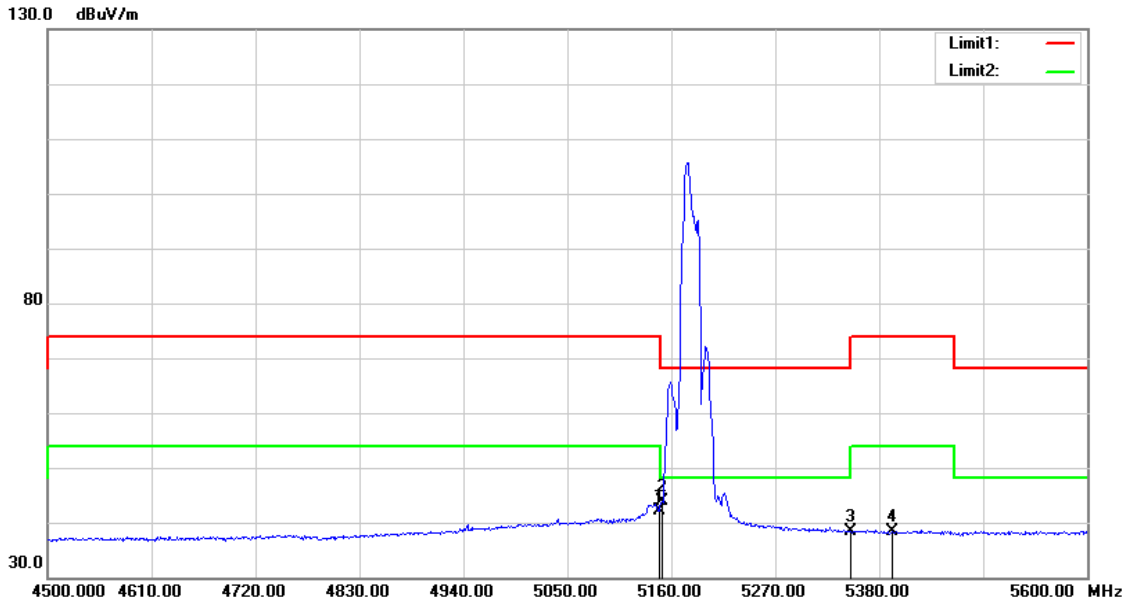
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5091.800	39.52	0.01	39.53	54.00	-14.47	AVG
2	5150.000	39.61	0.12	39.73	54.00	-14.27	AVG
3	5350.000	38.33	0.50	38.83	54.00	-15.17	AVG
4	5416.300	38.39	0.61	39.00	54.00	-15.00	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



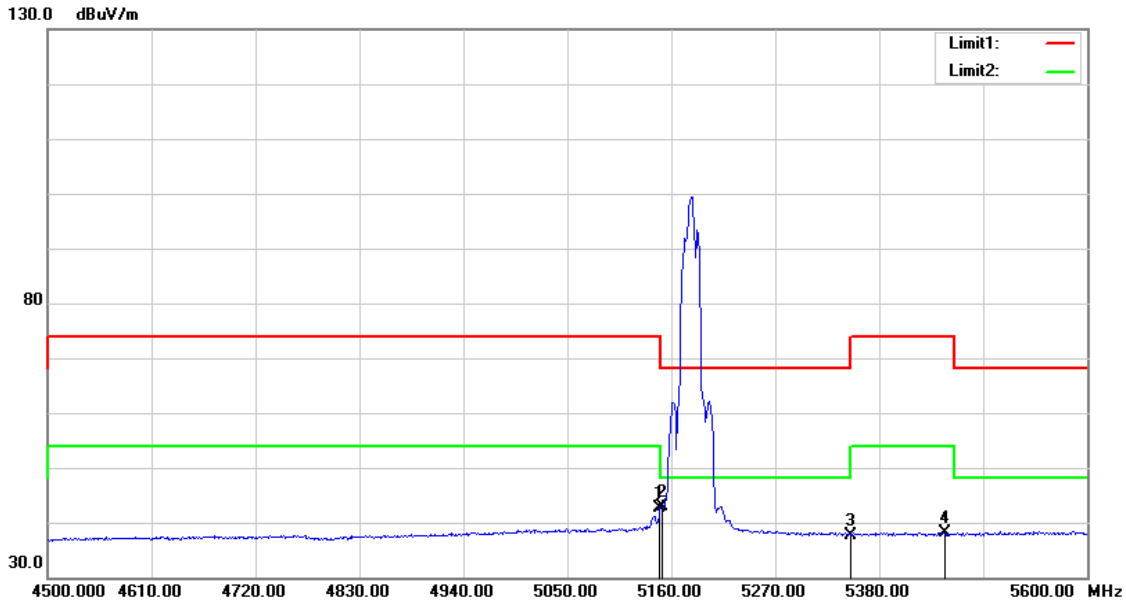
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.800	41.89	0.12	42.01	54.00	-11.99	AVG
2	5150.000	43.79	0.12	43.91	54.00	-10.09	AVG
3	5350.000	37.94	0.50	38.44	54.00	-15.56	AVG
4	5393.200	37.73	0.57	38.30	54.00	-15.70	AVG

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 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



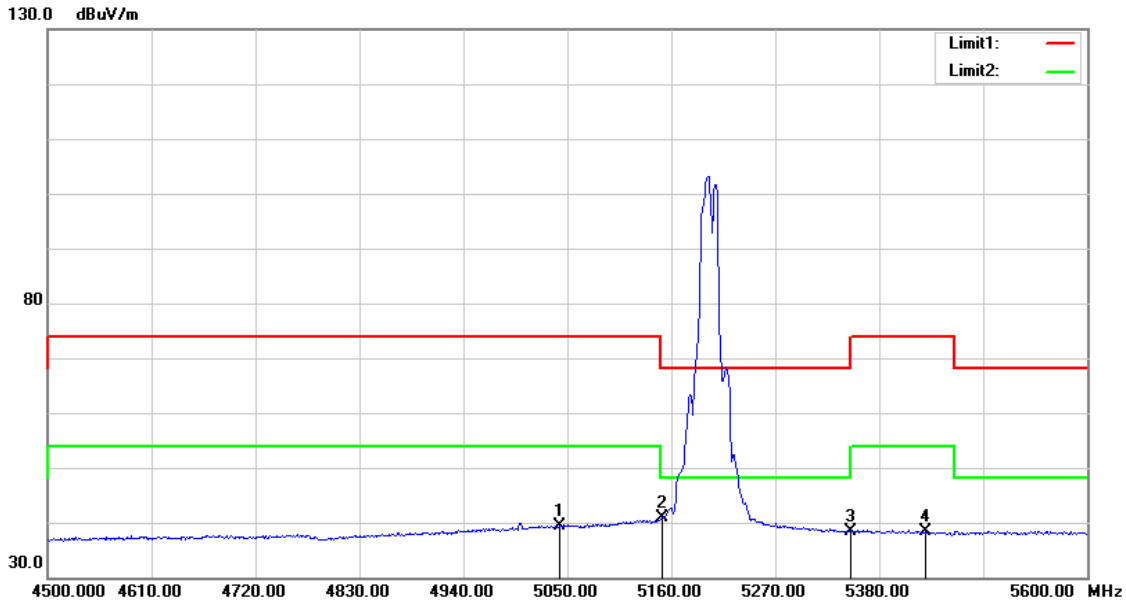
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	42.45	0.12	42.57	54.00	-11.43	AVG
2	5150.000	42.88	0.12	43.00	54.00	-11.00	AVG
3	5350.000	37.23	0.50	37.73	54.00	-16.27	AVG
4	5449.300	37.33	0.68	38.01	54.00	-15.99	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



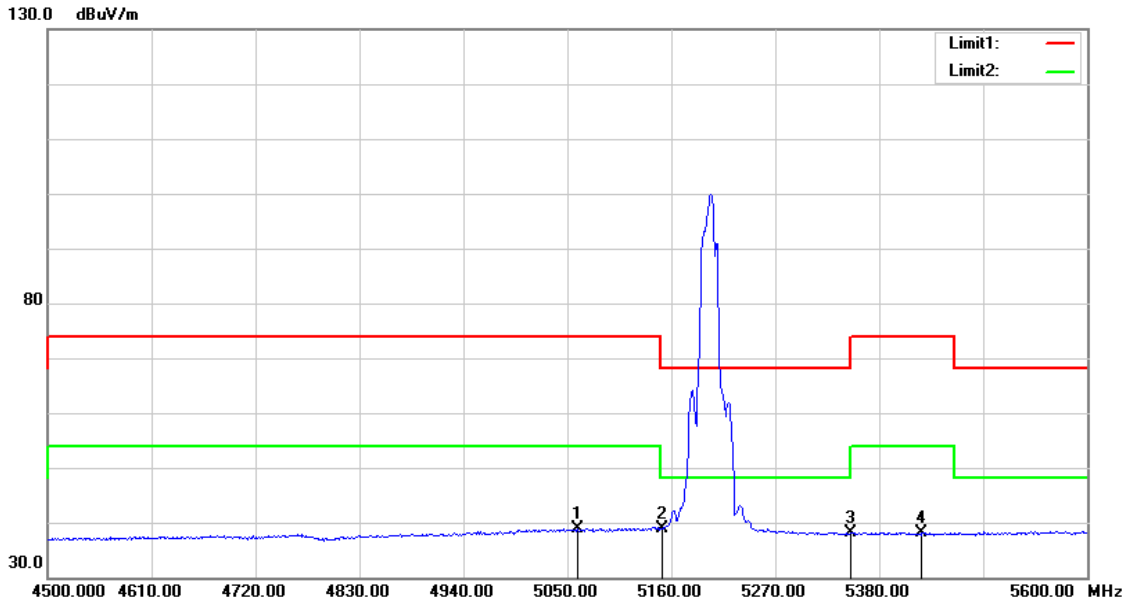
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5041.200	39.51	-0.09	39.42	54.00	-14.58	AVG
2	5150.000	40.75	0.12	40.87	54.00	-13.13	AVG
3	5350.000	37.96	0.50	38.46	54.00	-15.54	AVG
4	5429.500	37.72	0.64	38.36	54.00	-15.64	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



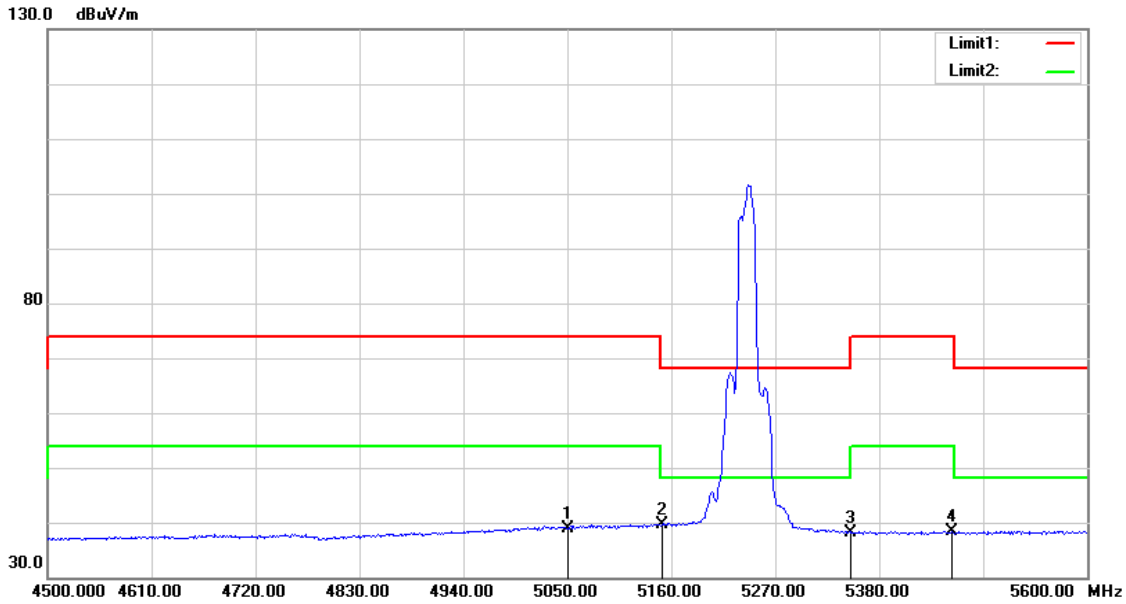
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5061.000	38.85	-0.05	38.80	54.00	-15.20	AVG
2	5150.000	38.75	0.12	38.87	54.00	-15.13	AVG
3	5350.000	37.62	0.50	38.12	54.00	-15.88	AVG
4	5425.100	37.39	0.63	38.02	54.00	-15.98	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



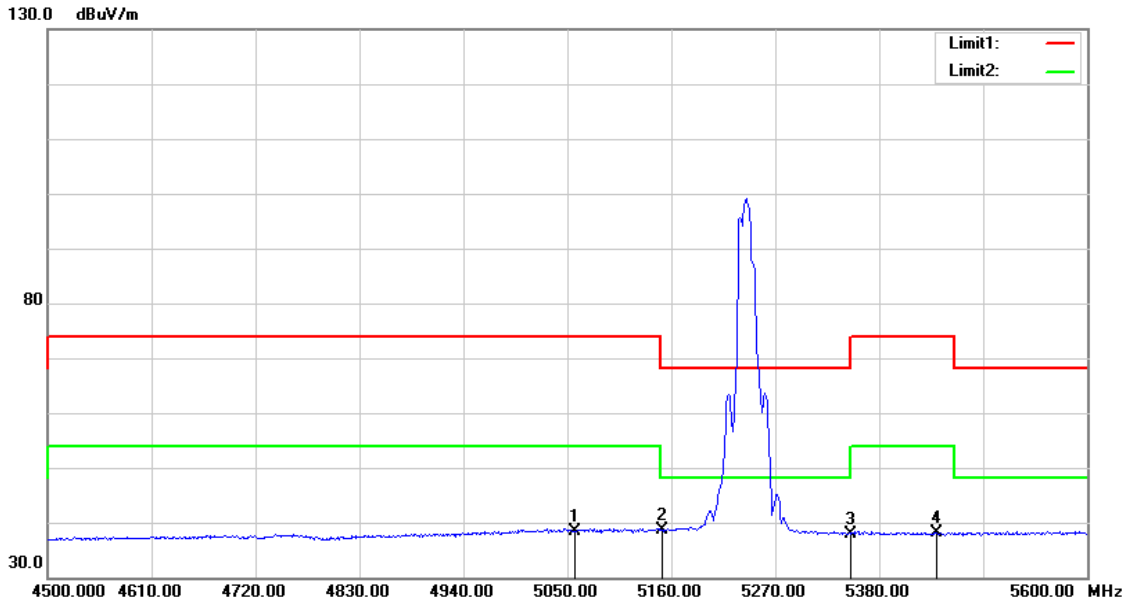
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5051.100	38.95	-0.06	38.89	54.00	-15.11	AVG
2	5150.000	39.53	0.12	39.65	54.00	-14.35	AVG
3	5350.000	37.66	0.50	38.16	54.00	-15.84	AVG
4	5457.000	37.64	0.70	38.34	54.00	-15.66	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



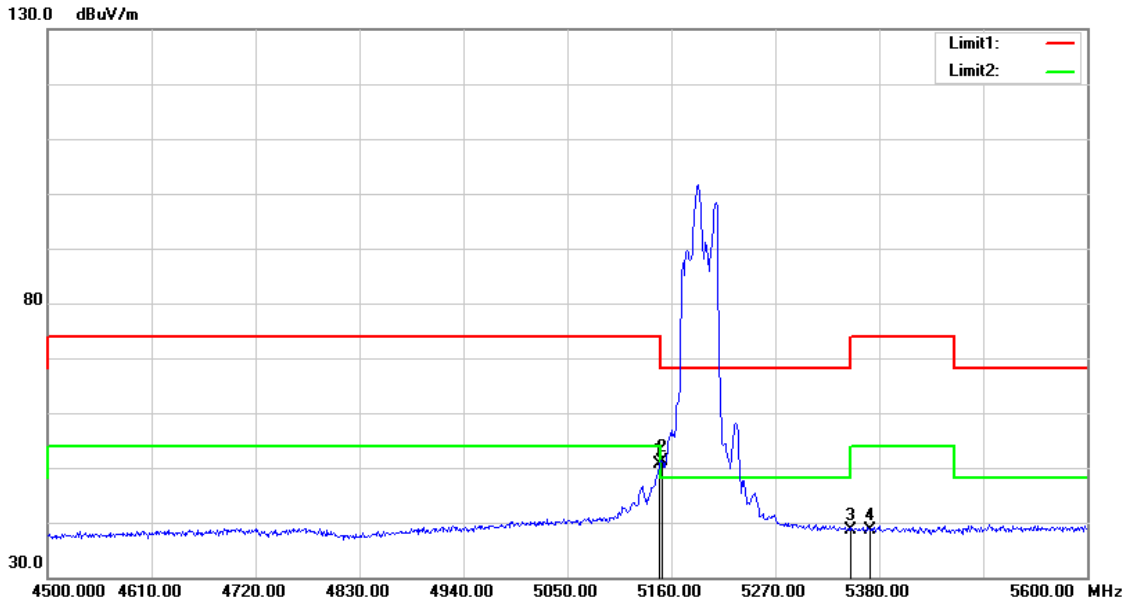
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5057.700	38.44	-0.05	38.39	54.00	-15.61	AVG
2	5150.000	38.40	0.12	38.52	54.00	-15.48	AVG
3	5350.000	37.44	0.50	37.94	54.00	-16.06	AVG
4	5440.500	37.39	0.66	38.05	54.00	-15.95	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



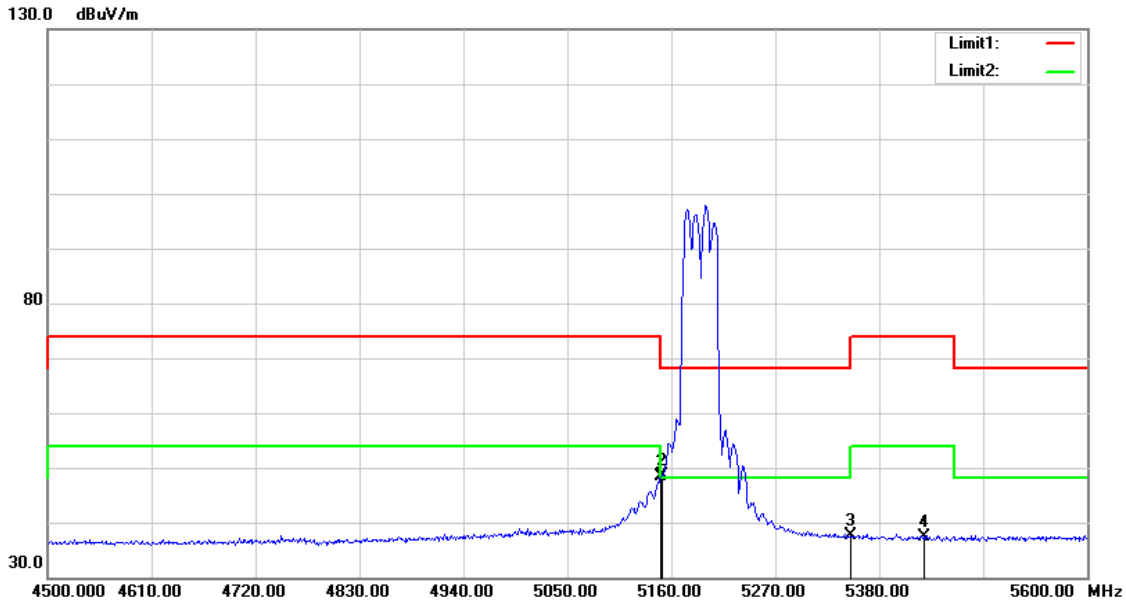
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	50.76	-0.08	50.68	54.00	-3.32	AVG
2	5150.000	51.17	-0.08	51.09	54.00	-2.91	AVG
3	5350.000	38.32	0.30	38.62	54.00	-15.38	AVG
4	5370.100	38.19	0.34	38.53	54.00	-15.47	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



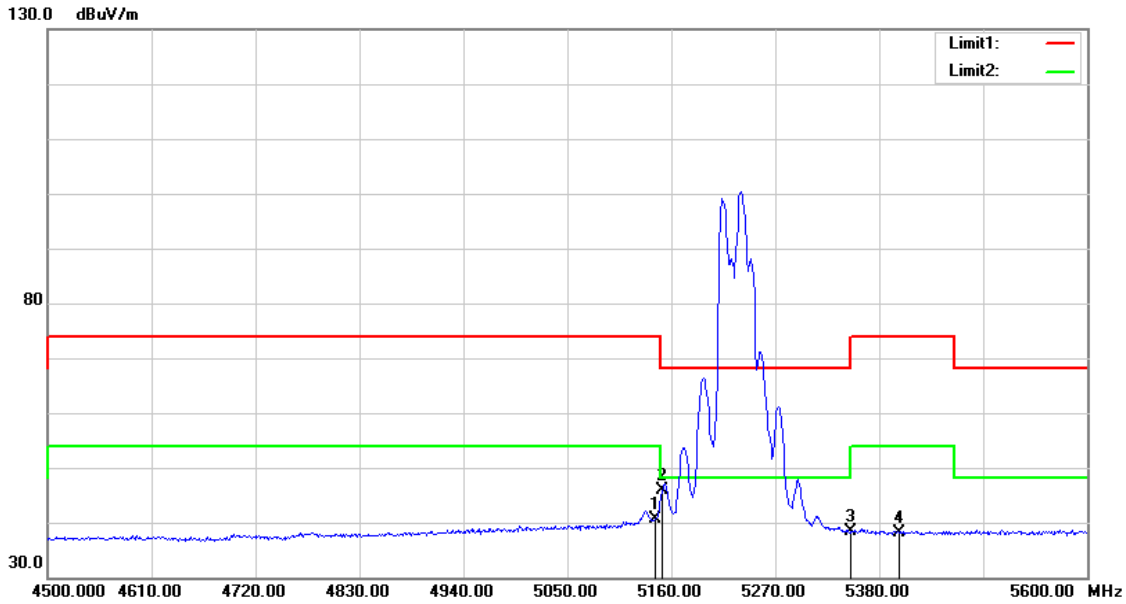
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.000	48.40	-0.08	48.32	54.00	-5.68	AVG
2	5150.000	48.81	-0.08	48.73	54.00	-5.27	AVG
3	5350.000	37.31	0.30	37.61	54.00	-16.39	AVG
4	5427.300	36.93	0.44	37.37	54.00	-16.63	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



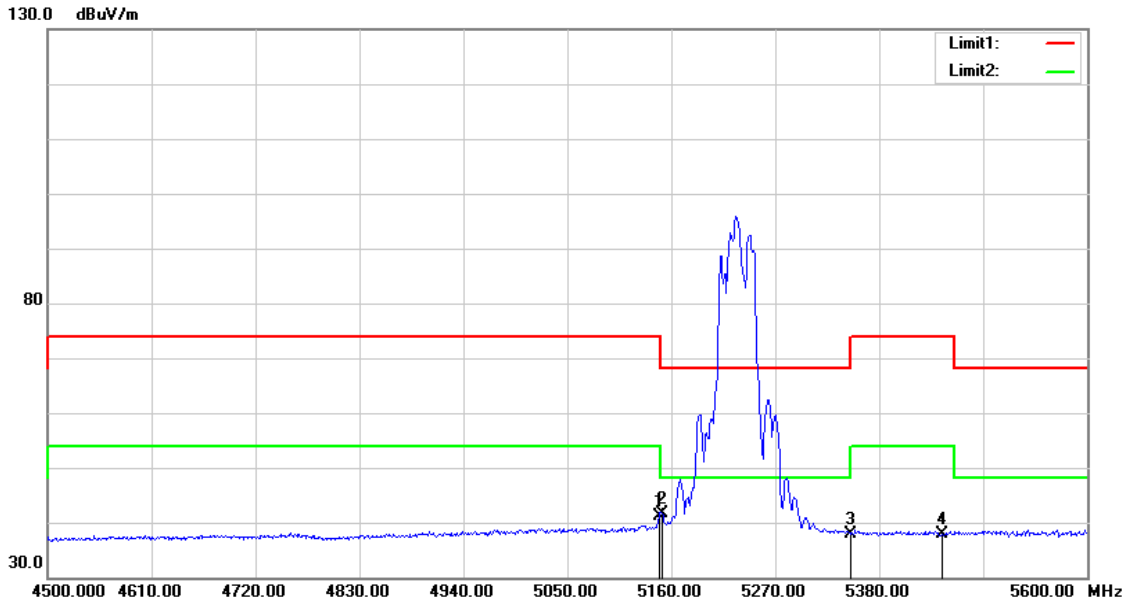
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.400	40.45	0.10	40.55	54.00	-13.45	AVG
2	5150.000	45.67	0.12	45.79	54.00	-8.21	AVG
3	5350.000	37.94	0.50	38.44	54.00	-15.56	AVG
4	5400.900	37.42	0.59	38.01	54.00	-15.99	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



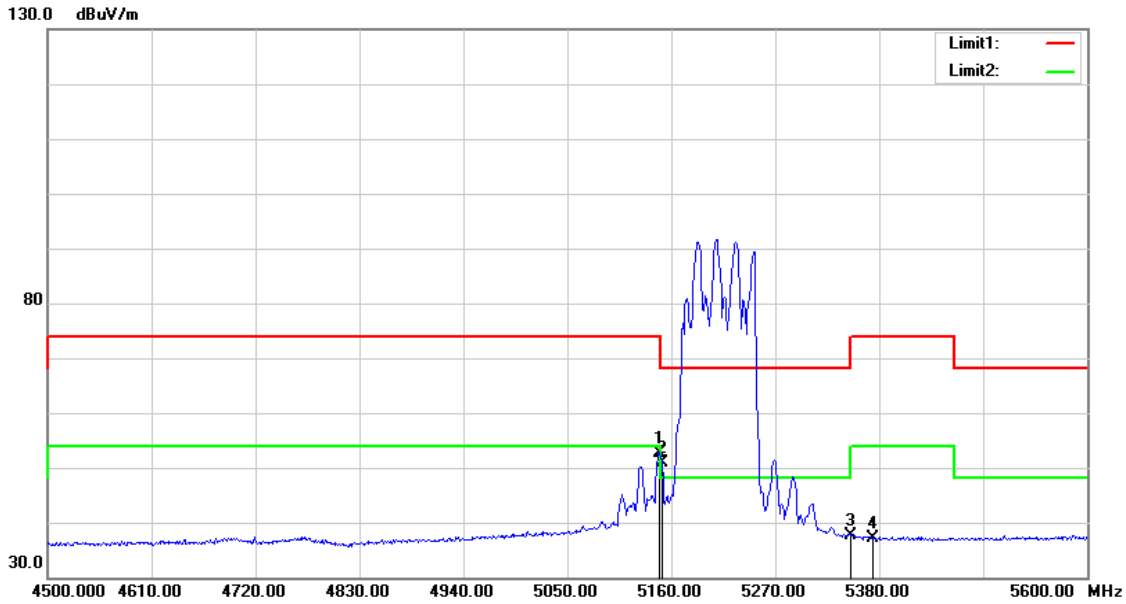
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.800	41.09	0.12	41.21	54.00	-12.79	AVG
2	5150.000	41.58	0.12	41.70	54.00	-12.30	AVG
3	5350.000	37.49	0.50	37.99	54.00	-16.01	AVG
4	5447.100	37.11	0.68	37.79	54.00	-16.21	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



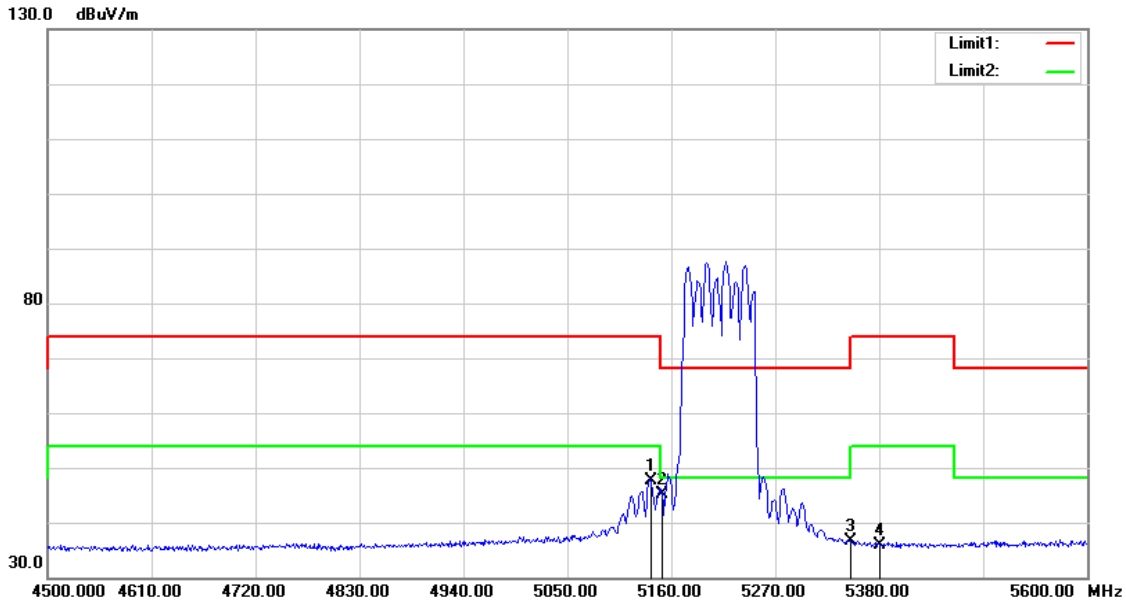
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	52.78	-0.08	52.70	54.00	-1.30	AVG
2	5150.000	50.95	-0.08	50.87	54.00	-3.13	AVG
3	5350.000	37.35	0.30	37.65	54.00	-16.35	AVG
4	5373.400	36.85	0.34	37.19	54.00	-16.81	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.000	47.69	-0.10	47.59	54.00	-6.41	AVG
2	5150.000	45.25	-0.08	45.17	54.00	-8.83	AVG
3	5350.000	36.30	0.30	36.60	54.00	-17.40	AVG
4	5380.000	35.61	0.35	35.96	54.00	-18.04	AVG

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

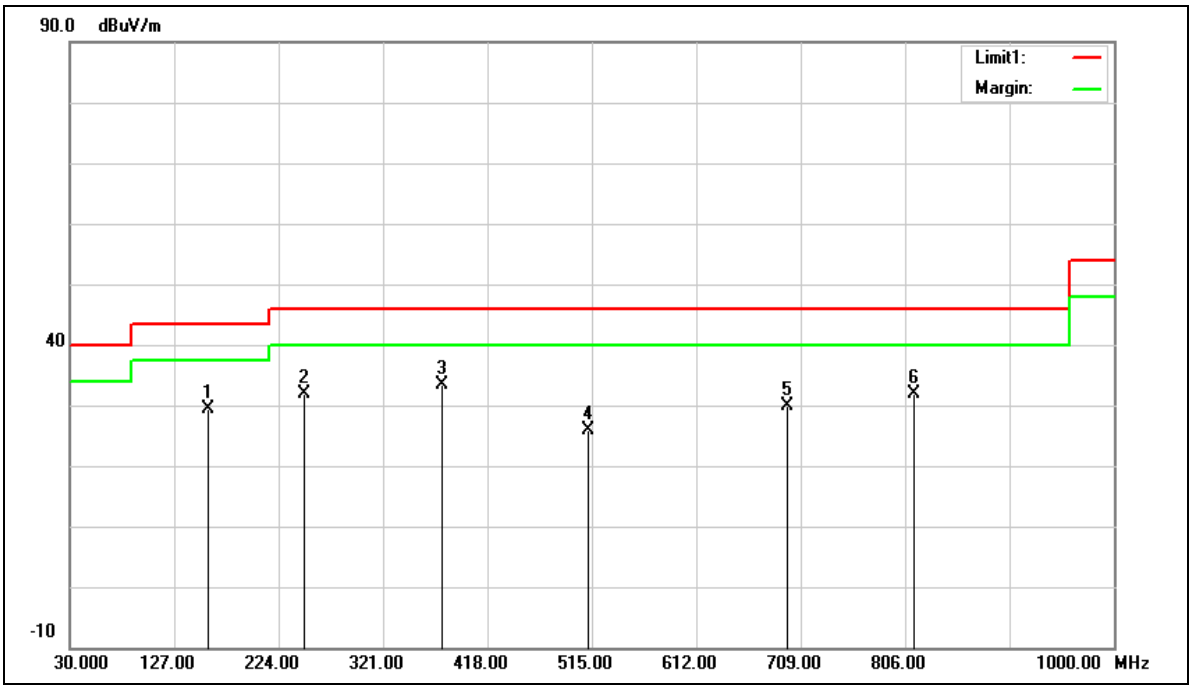
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Beamforming on

Below 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Radiated Emission		
Mode:	Mode 1		
Ant.Polar.:	Horizontal		



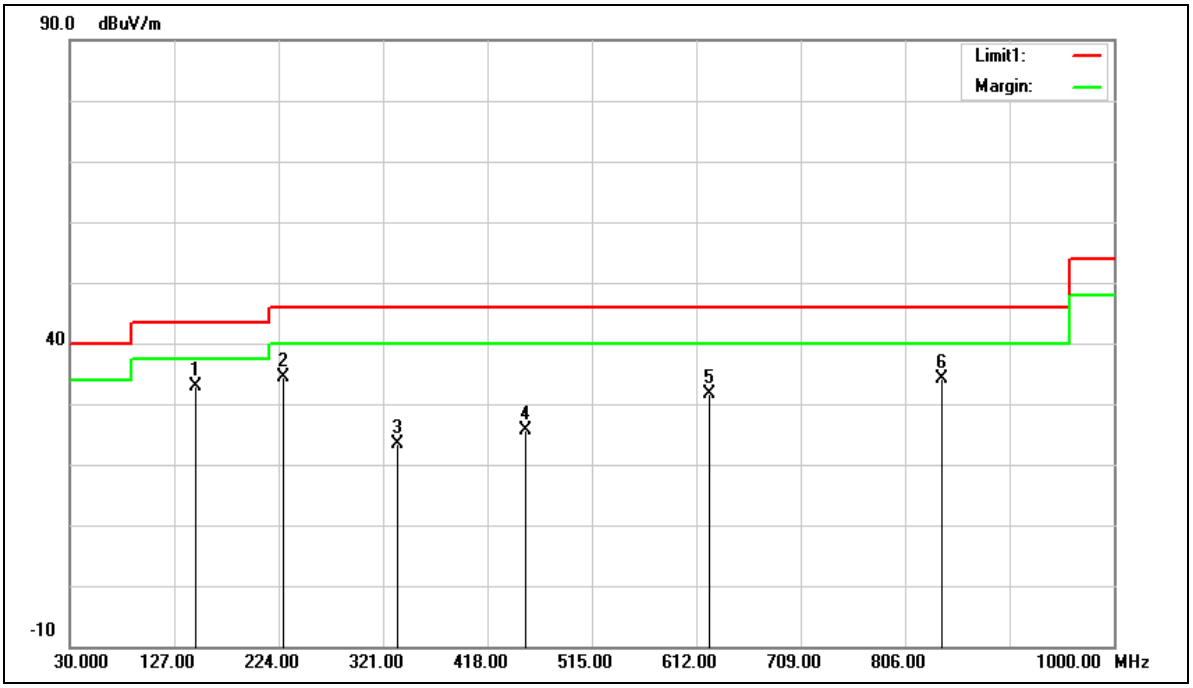
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	158.0400	35.91	-6.46	29.45	43.50	-14.05	QP
2	248.2500	38.93	-7.06	31.87	46.00	-14.13	QP
3	375.3200	37.45	-3.96	33.49	46.00	-12.51	QP
4	512.0900	27.41	-1.65	25.76	46.00	-20.24	QP
5	696.3900	27.85	2.15	30.00	46.00	-16.00	QP
6	814.7300	27.75	4.16	31.91	46.00	-14.09	QP

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Radiated Emission		
Mode:	Mode 1		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	147.3700	39.68	-6.83	32.85	43.50	-10.65	QP
2	228.8500	42.45	-7.99	34.46	46.00	-11.54	QP
3	334.5800	28.28	-4.91	23.37	46.00	-22.63	QP
4	453.8900	28.06	-2.50	25.56	46.00	-20.44	QP
5	624.6100	30.72	0.83	31.55	46.00	-14.45	QP
6	839.9500	29.76	4.46	34.22	46.00	-11.78	QP

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

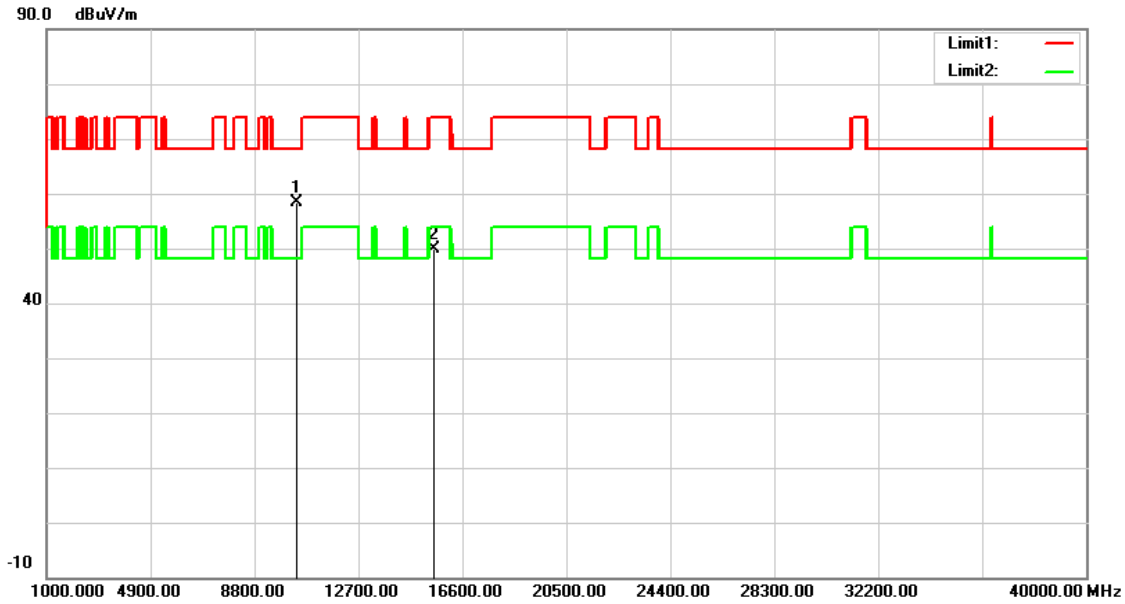
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Harmonic

Above 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



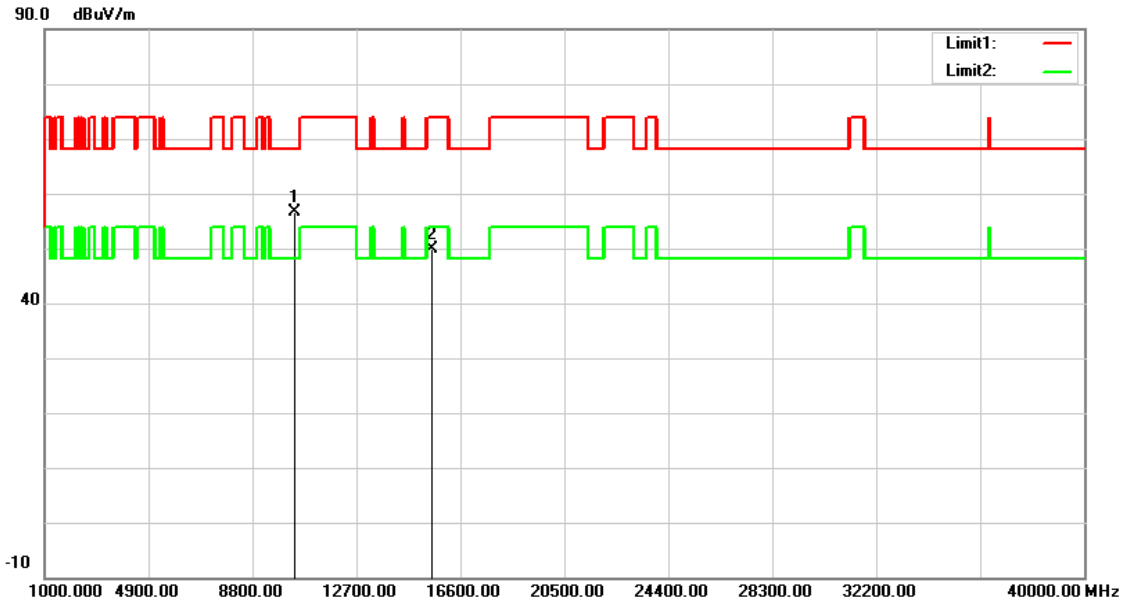
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	44.12	14.29	58.41	68.20	-9.79	peak
2	15540.000	33.00	16.86	49.86	74.00	-24.14	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



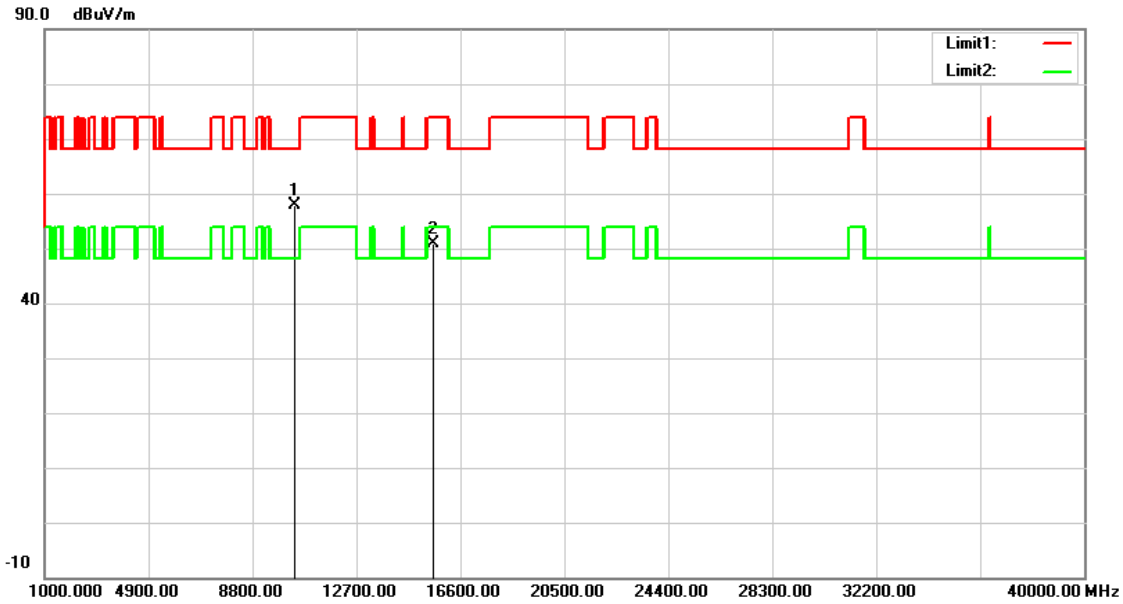
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	42.48	14.27	56.75	68.20	-11.45	peak
2	15540.000	33.02	16.86	49.88	74.00	-24.12	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



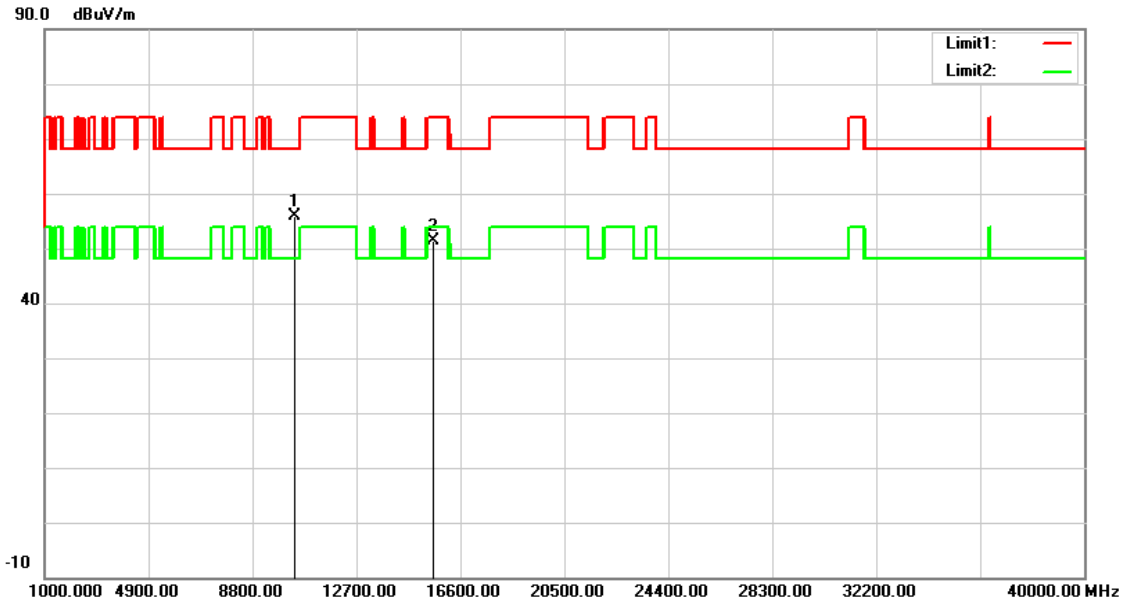
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	43.54	14.38	57.92	68.20	-10.28	peak
2	15600.000	34.31	16.65	50.96	74.00	-23.04	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



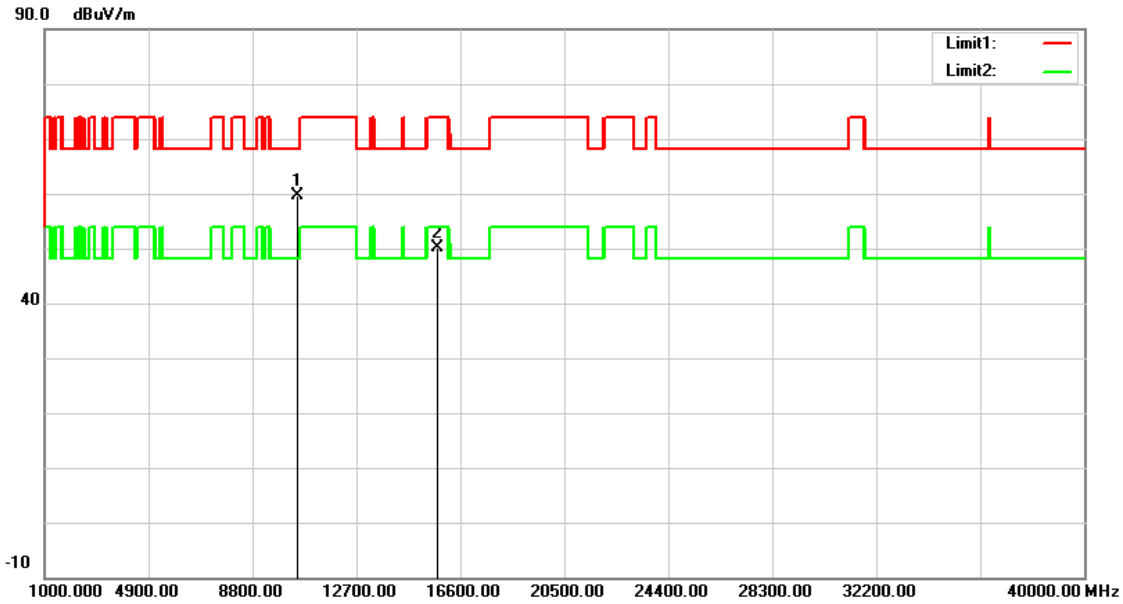
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	41.49	14.38	55.87	68.20	-12.33	peak
2	15600.000	34.70	16.65	51.35	74.00	-22.65	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



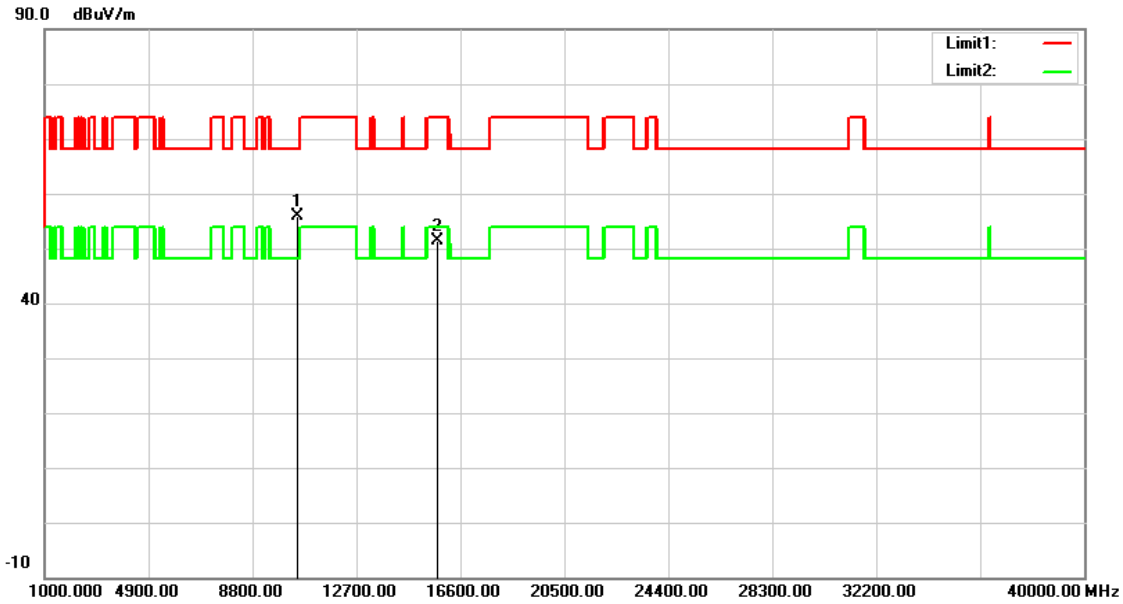
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	45.08	14.55	59.63	68.20	-8.57	peak
2	15720.000	33.77	16.24	50.01	74.00	-23.99	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



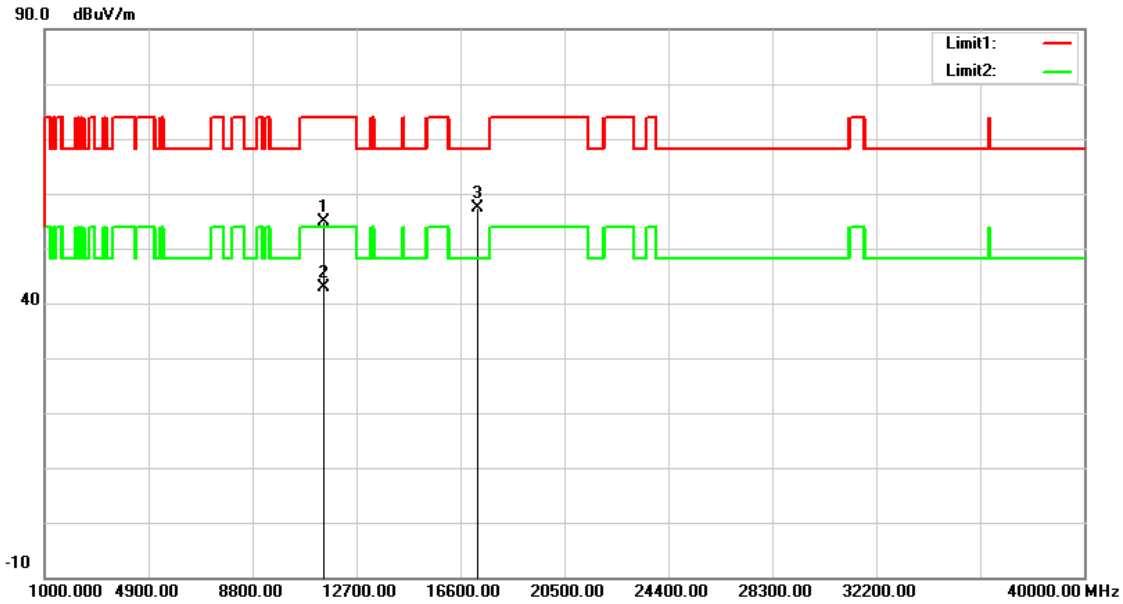
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	41.39	14.55	55.94	68.20	-12.26	peak
2	15720.000	35.12	16.24	51.36	74.00	-22.64	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



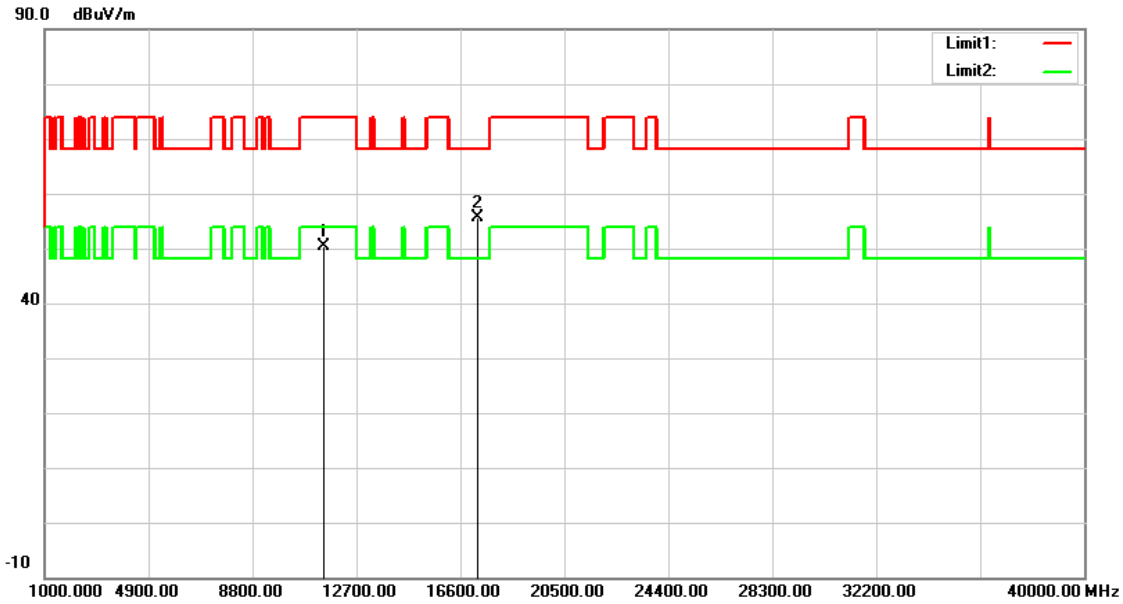
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	39.56	15.39	54.95	74.00	-19.05	peak
2	11490.000	27.59	15.39	42.98	54.00	-11.02	AVG
3	17235.000	35.66	21.71	57.37	68.20	-10.83	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



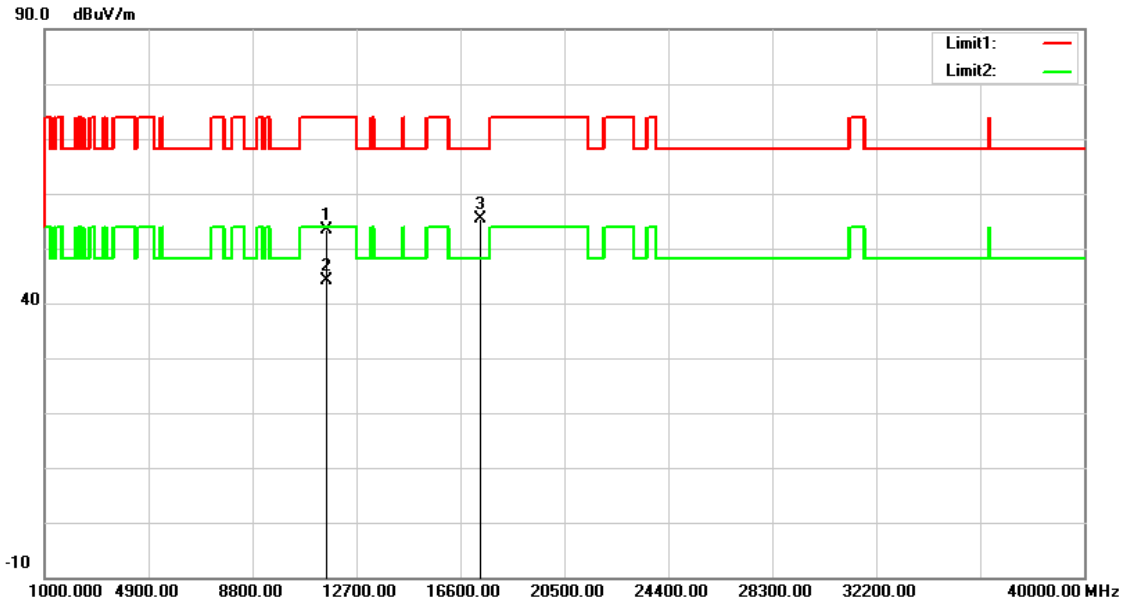
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	35.06	15.39	50.45	74.00	-23.55	peak
2	17235.000	33.93	21.71	55.64	68.20	-12.56	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



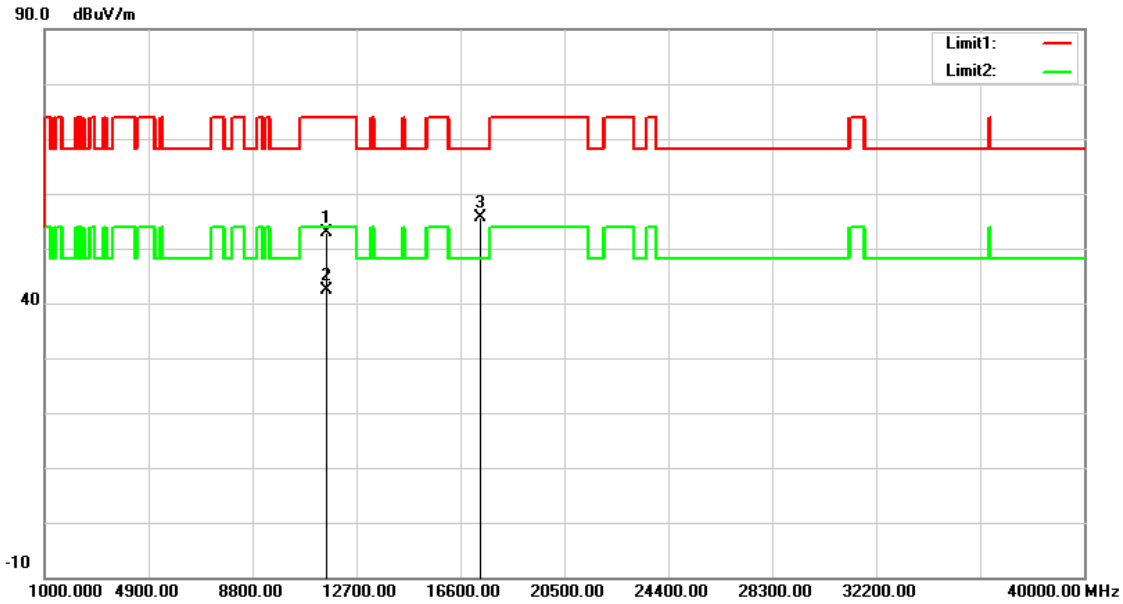
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	38.10	15.25	53.35	74.00	-20.65	peak
2	11570.000	28.77	15.25	44.02	54.00	-9.98	AVG
3	17355.000	32.92	22.42	55.34	68.20	-12.86	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



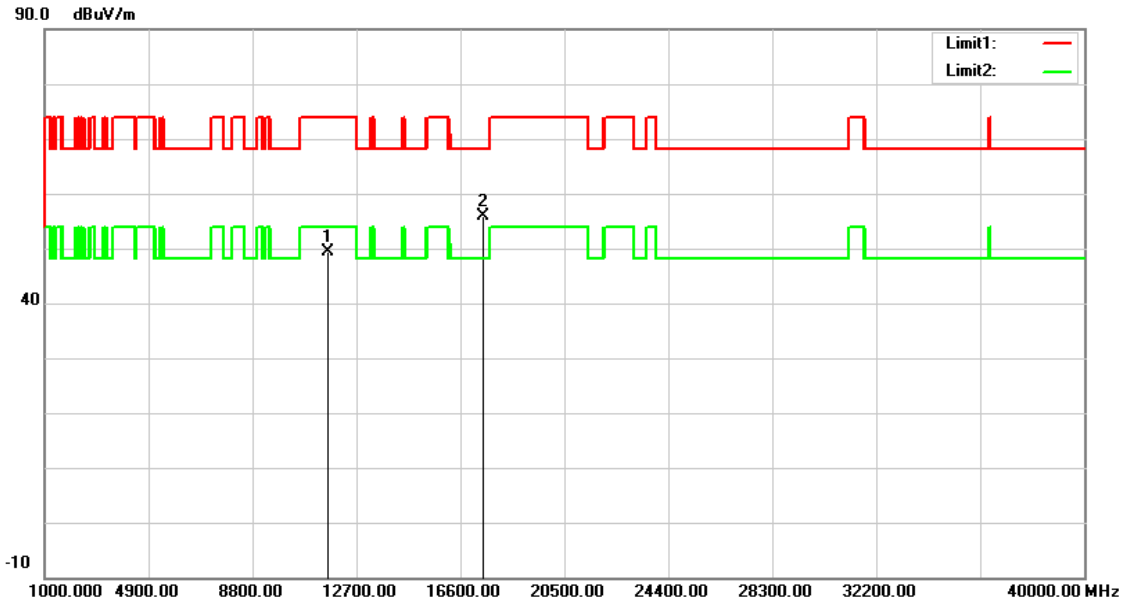
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	37.51	15.25	52.76	74.00	-21.24	peak
2	11570.000	27.25	15.25	42.50	54.00	-11.50	AVG
3	17355.000	33.17	22.42	55.59	68.20	-12.61	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



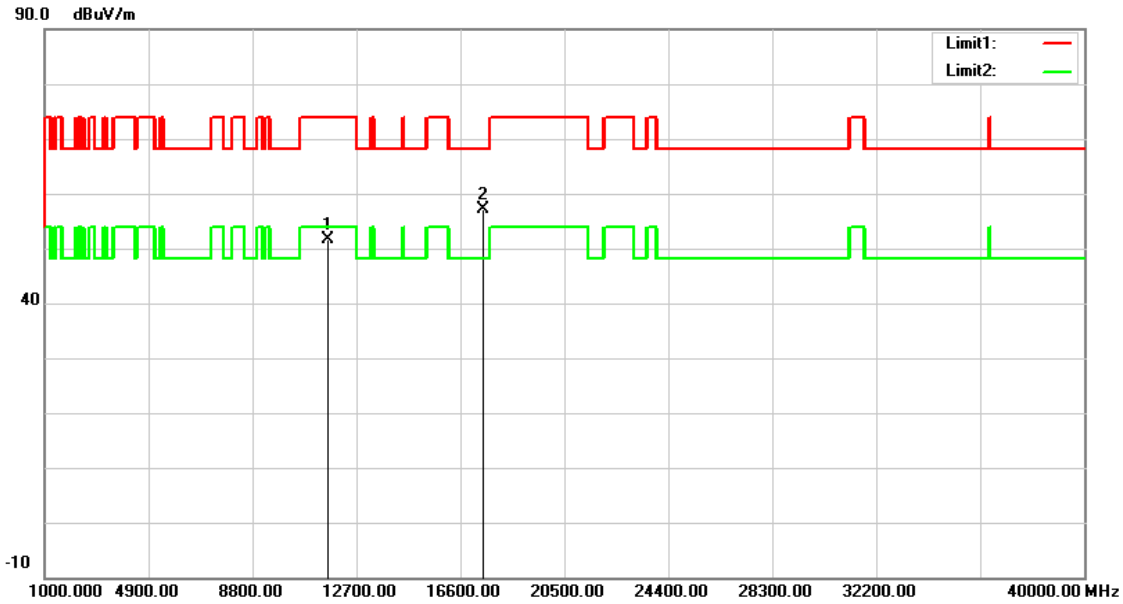
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	34.27	15.08	49.35	74.00	-24.65	peak
2	17475.000	32.66	23.13	55.79	68.20	-12.41	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



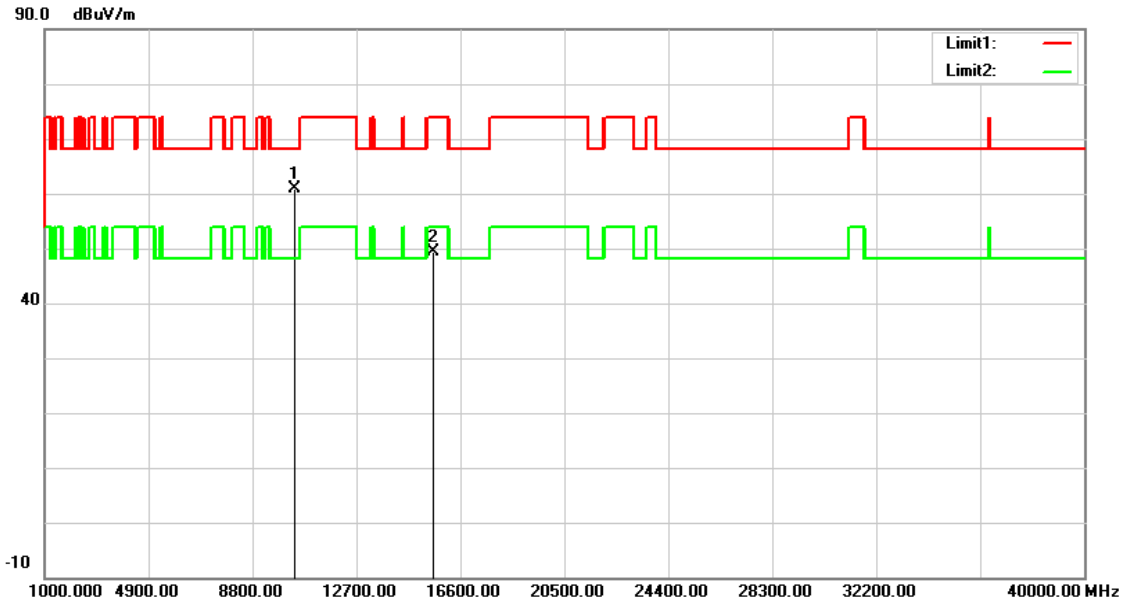
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	36.67	15.08	51.75	74.00	-22.25	peak
2	17475.000	34.04	23.13	57.17	68.20	-11.03	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



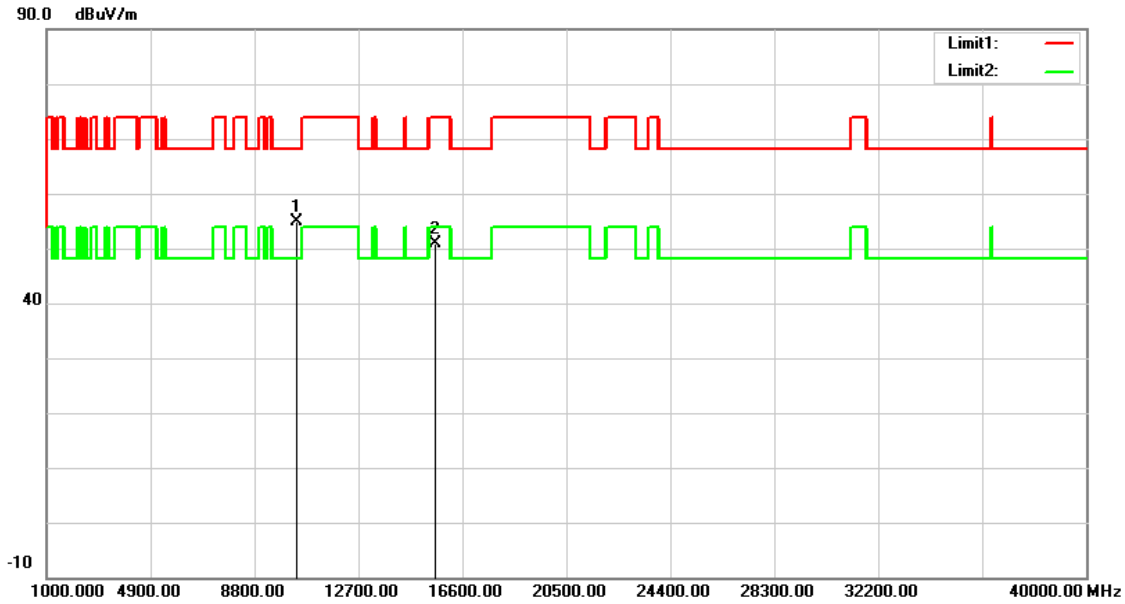
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	46.60	14.35	60.95	68.20	-7.25	peak
2	15570.000	32.70	16.75	49.45	74.00	-24.55	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



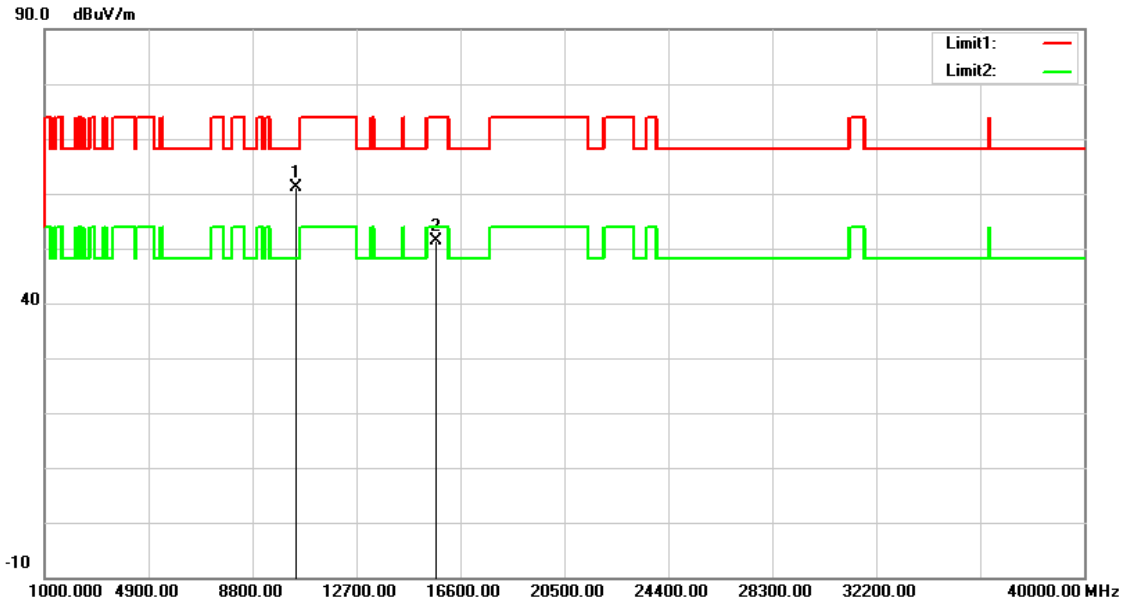
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	40.52	14.35	54.87	68.20	-13.33	peak
2	15570.000	34.22	16.75	50.97	74.00	-23.03	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



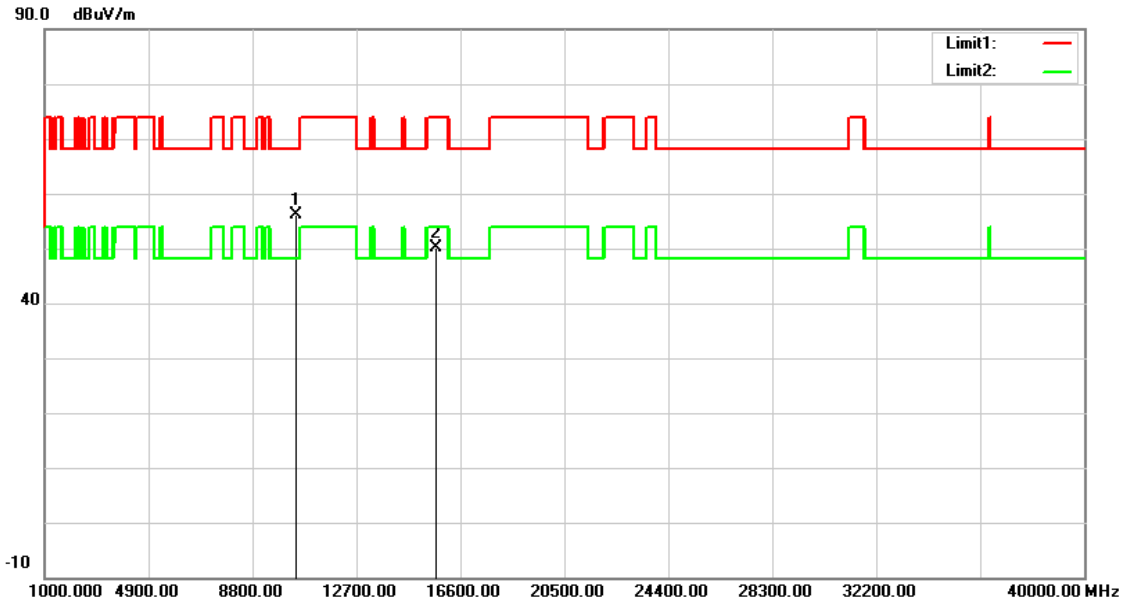
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	46.69	14.51	61.20	68.20	-7.00	peak
2	15690.000	35.12	16.35	51.47	74.00	-22.53	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



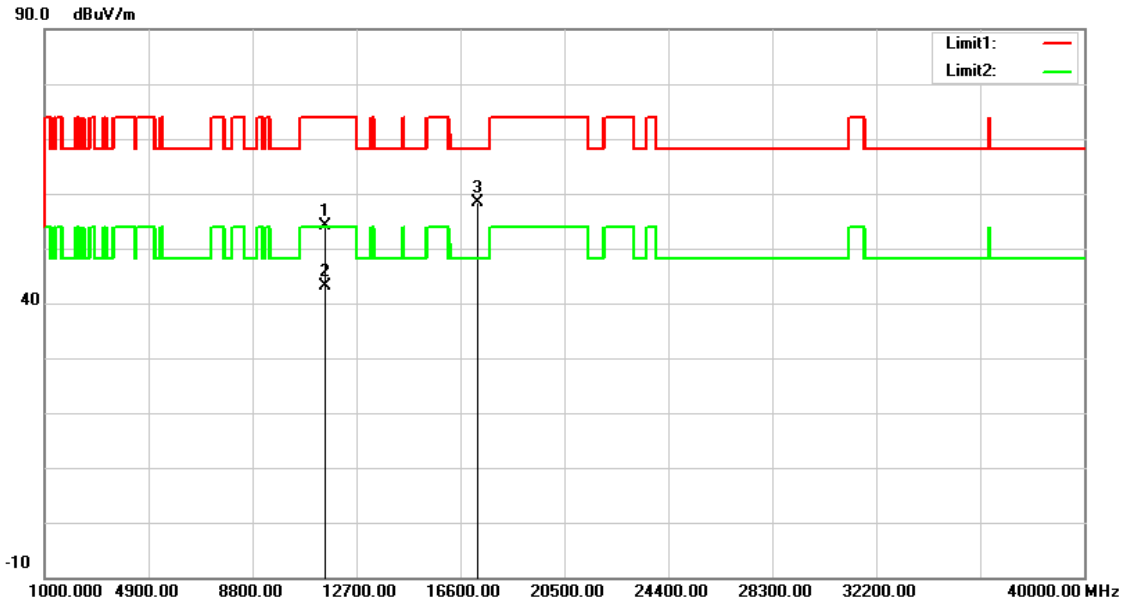
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	41.52	14.51	56.03	68.20	-12.17	peak
2	15690.000	33.66	16.35	50.01	74.00	-23.99	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



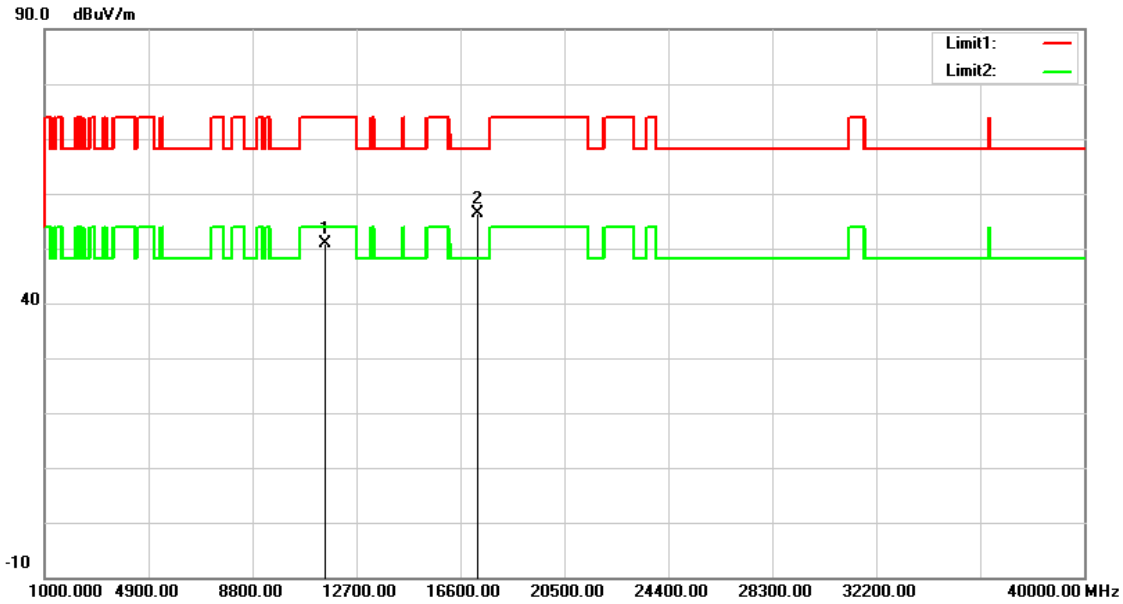
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	38.87	15.38	54.25	74.00	-19.75	peak
2	11510.000	27.82	15.38	43.20	54.00	-10.80	AVG
3	17265.000	36.45	21.88	58.33	68.20	-9.87	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



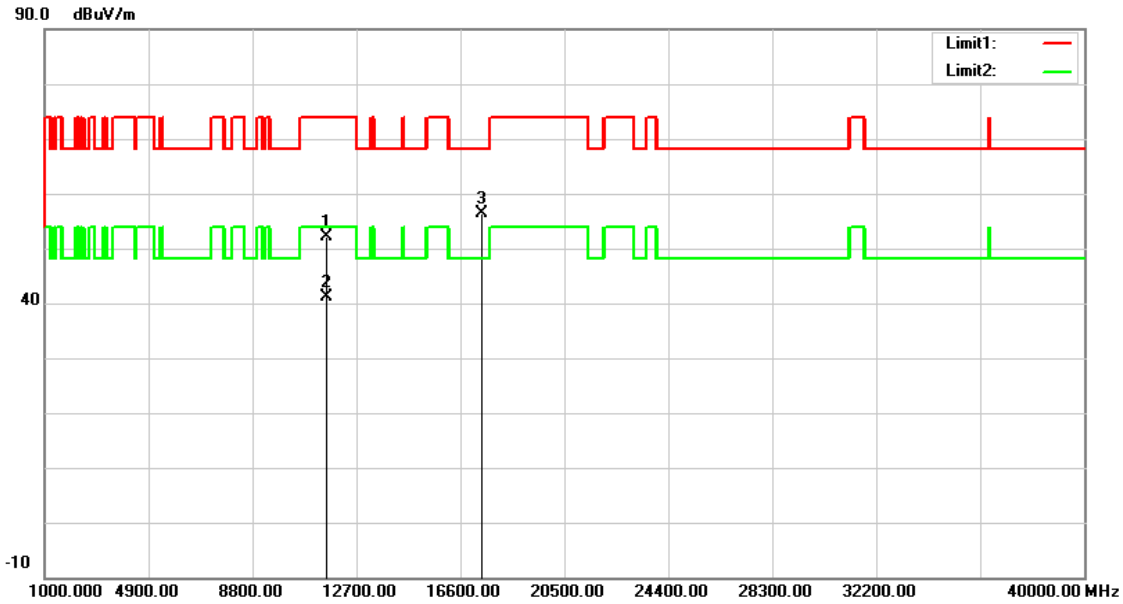
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	35.62	15.38	51.00	74.00	-23.00	peak
2	17265.000	34.61	21.88	56.49	68.20	-11.71	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



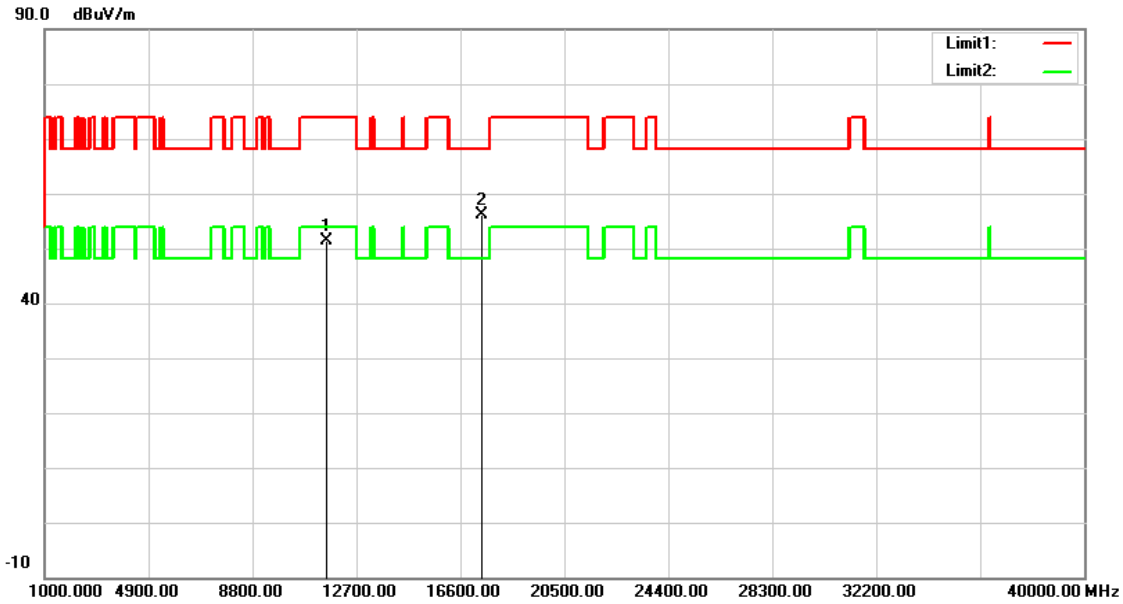
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	36.91	15.20	52.11	74.00	-21.89	peak
2	11590.000	26.01	15.20	41.21	54.00	-12.79	AVG
3	17385.000	33.84	22.60	56.44	68.20	-11.76	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



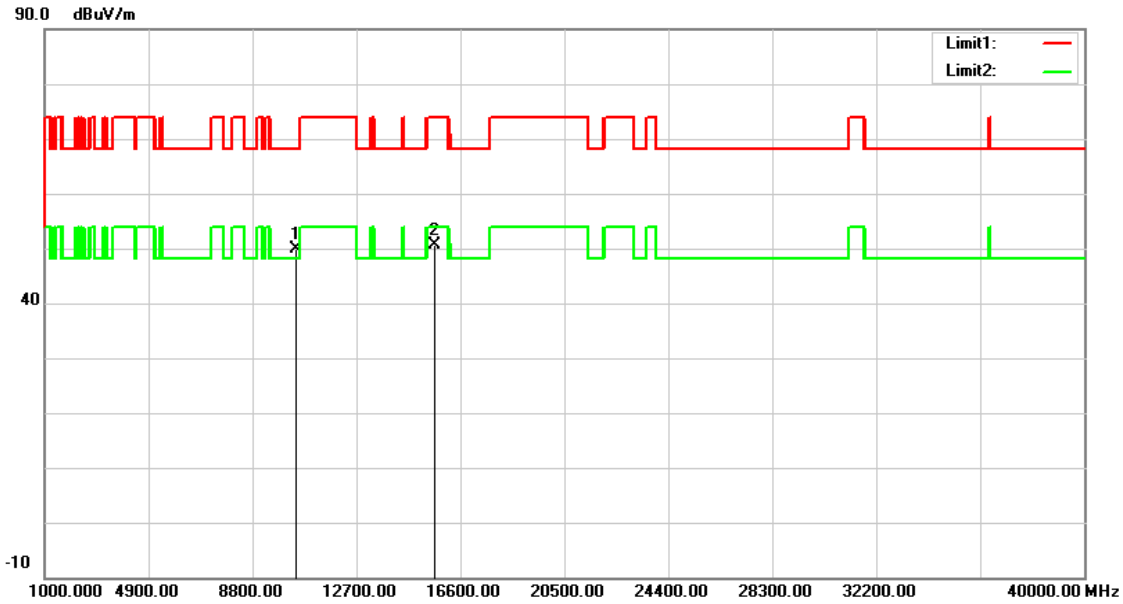
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	36.22	15.20	51.42	74.00	-22.58	peak
2	17385.000	33.50	22.60	56.10	68.20	-12.10	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



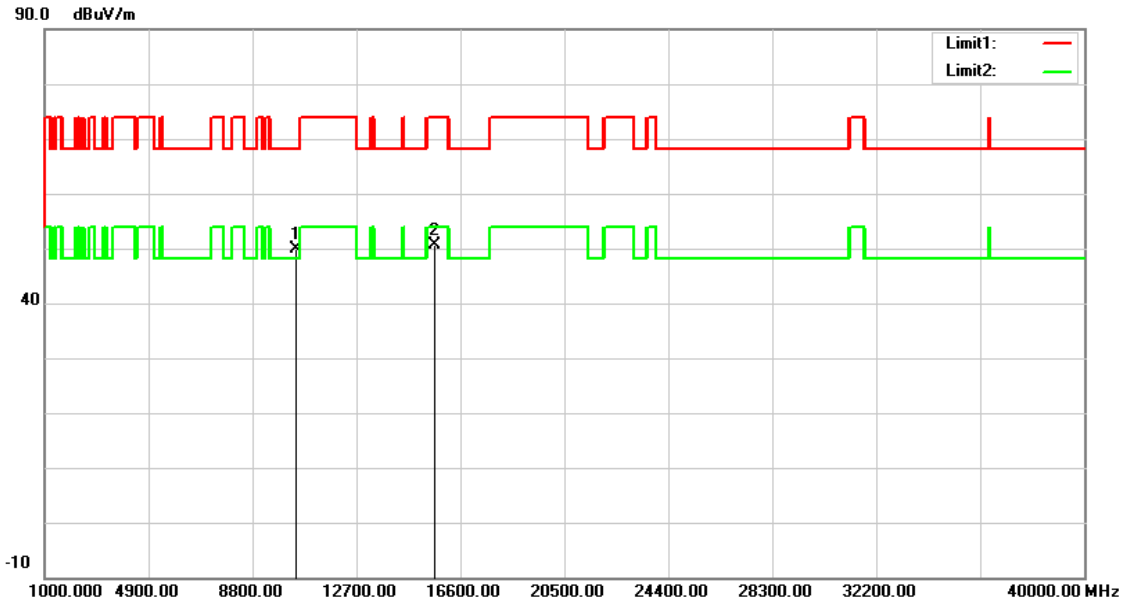
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	35.38	14.42	49.80	68.20	-18.40	peak
2	15630.000	33.95	16.56	50.51	74.00	-23.49	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



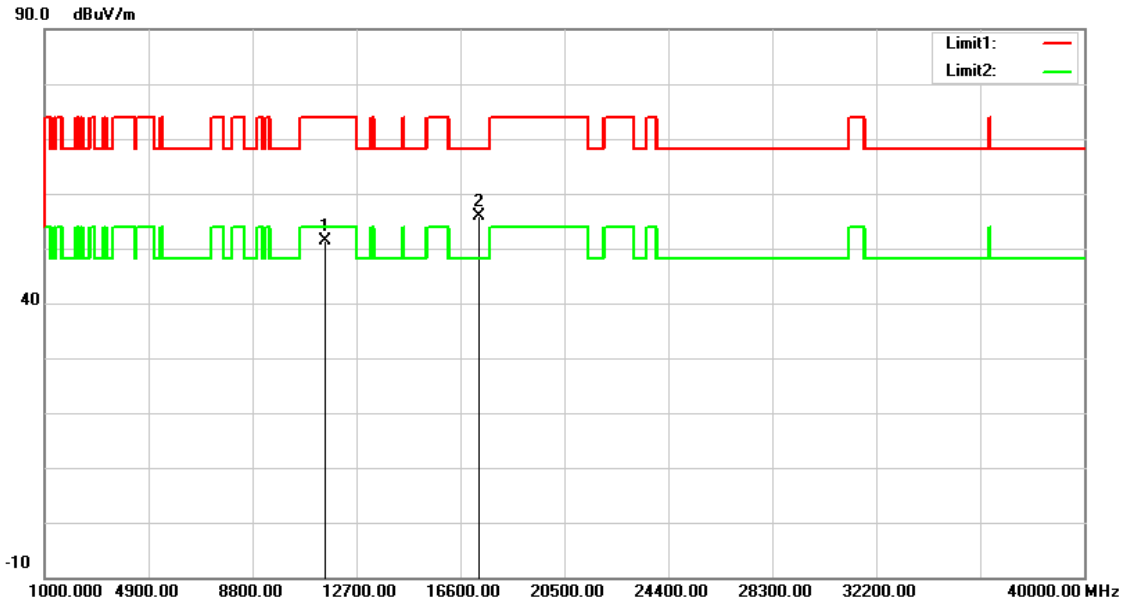
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	35.50	14.42	49.92	68.20	-18.28	peak
2	15630.000	33.96	16.56	50.52	74.00	-23.48	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



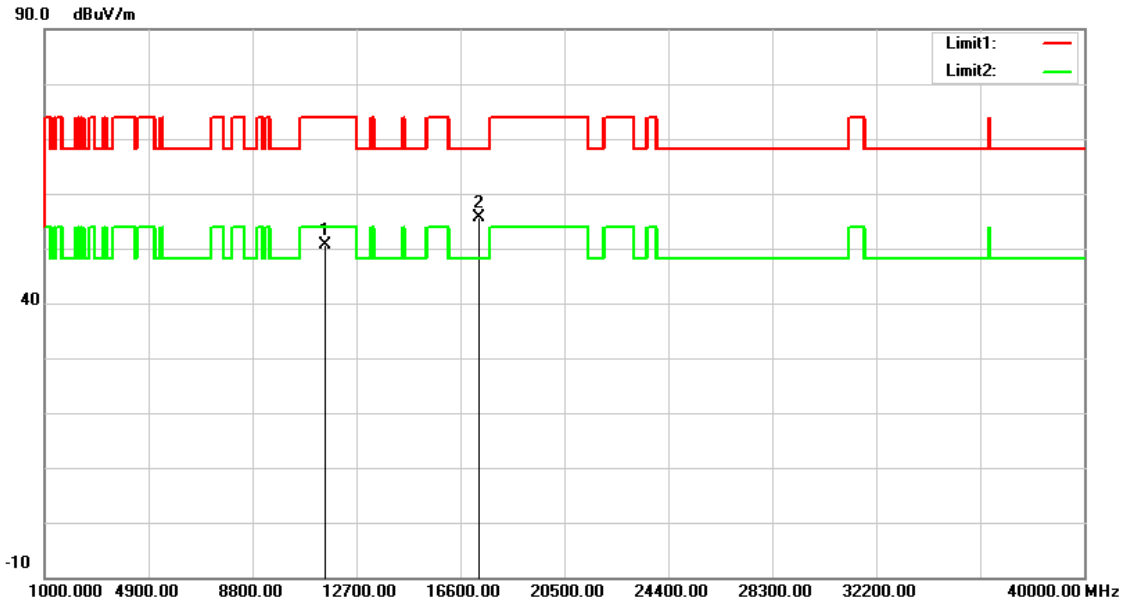
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	36.21	15.29	51.50	74.00	-22.50	peak
2	17325.000	33.53	22.24	55.77	68.20	-12.43	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



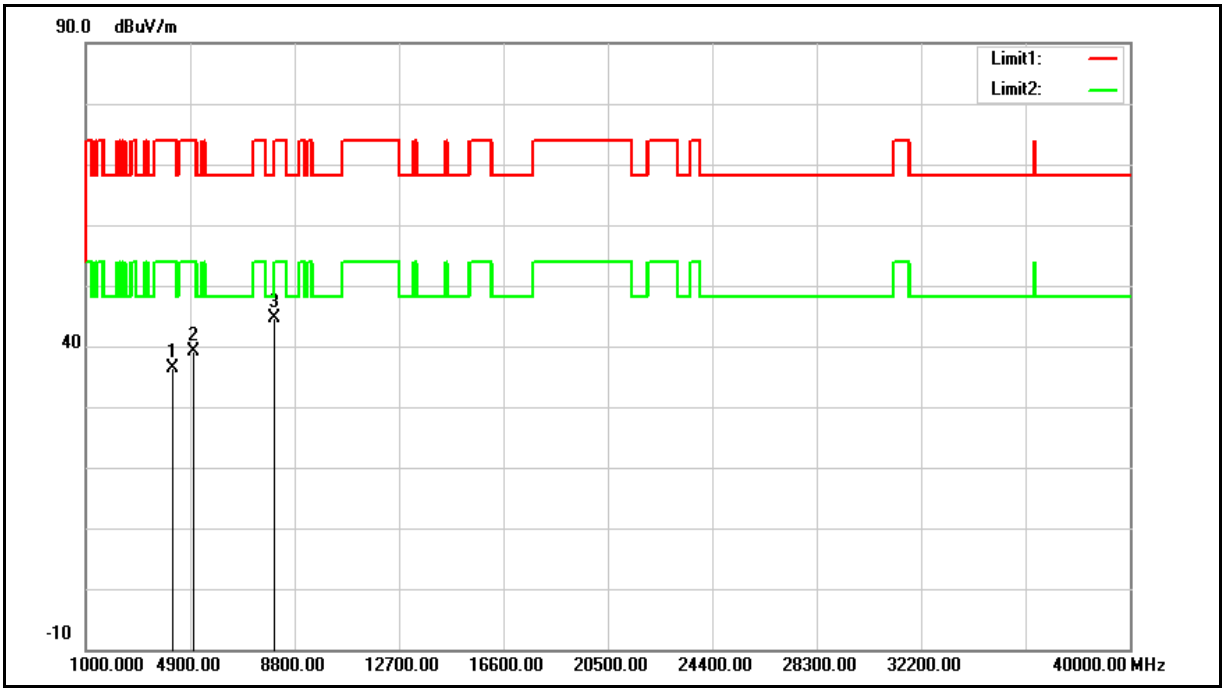
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	35.22	15.29	50.51	74.00	-23.49	peak
2	17325.000	33.39	22.24	55.63	68.20	-12.57	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Simultaneous Transmitting		
	(WLAN 2.4 GHz + WLAN 5 GHz)		
Ant.Polar.:	Horizontal		



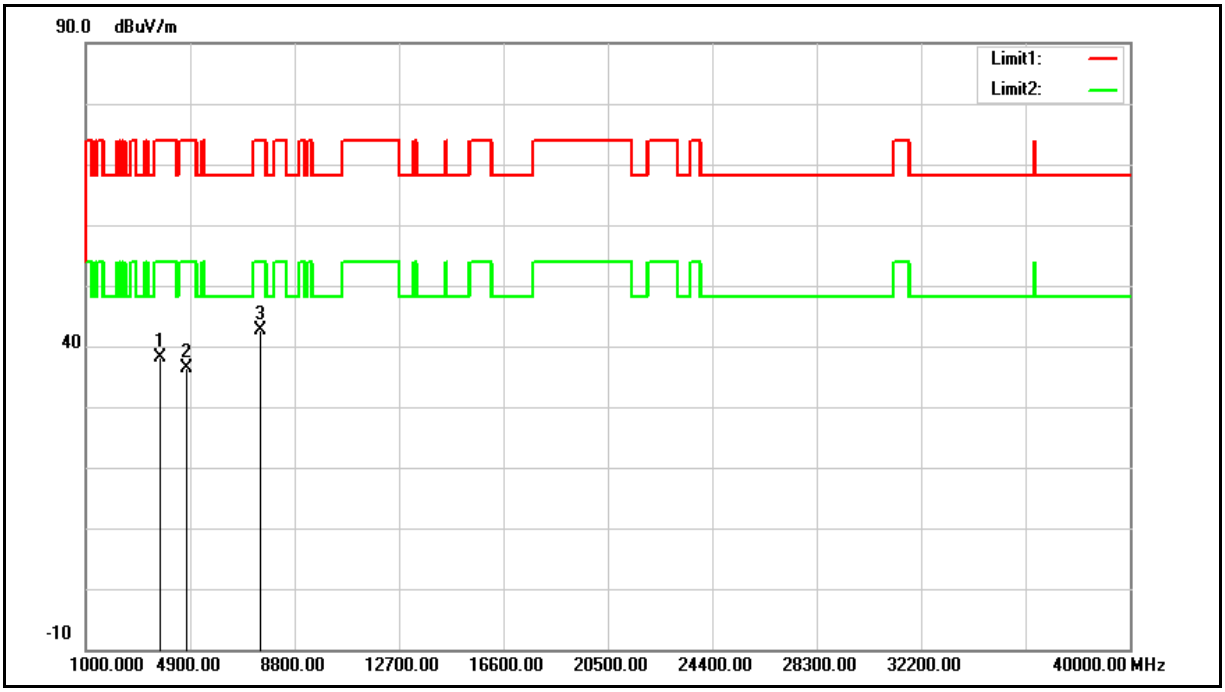
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4247.000	39.16	-2.86	36.30	74.00	-37.70	peak
2	4995.000	39.63	-0.38	39.25	74.00	-34.75	peak
3	8055.000	36.11	8.41	44.52	74.00	-29.48	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Mode:	Simultaneous Transmitting		
	(WLAN 2.4 GHz + WLAN 5 GHz)		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3737.000	42.33	-4.12	38.21	74.00	-35.79	peak
2	4791.000	37.49	-1.09	36.40	74.00	-37.60	peak
3	7545.000	35.29	7.29	42.58	74.00	-31.42	peak

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

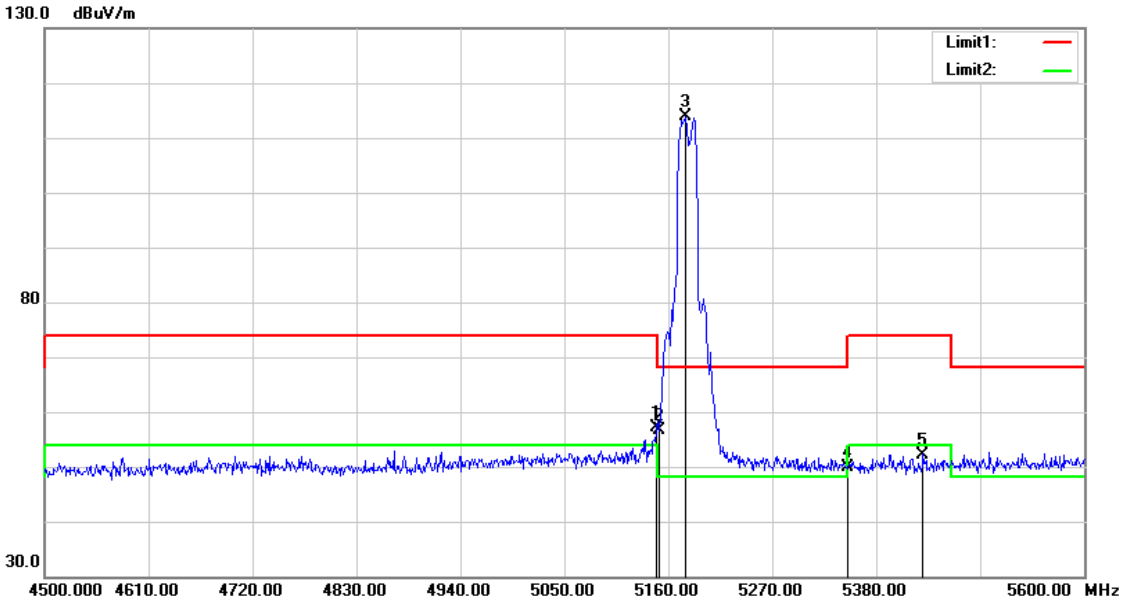
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Band Edge

Peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



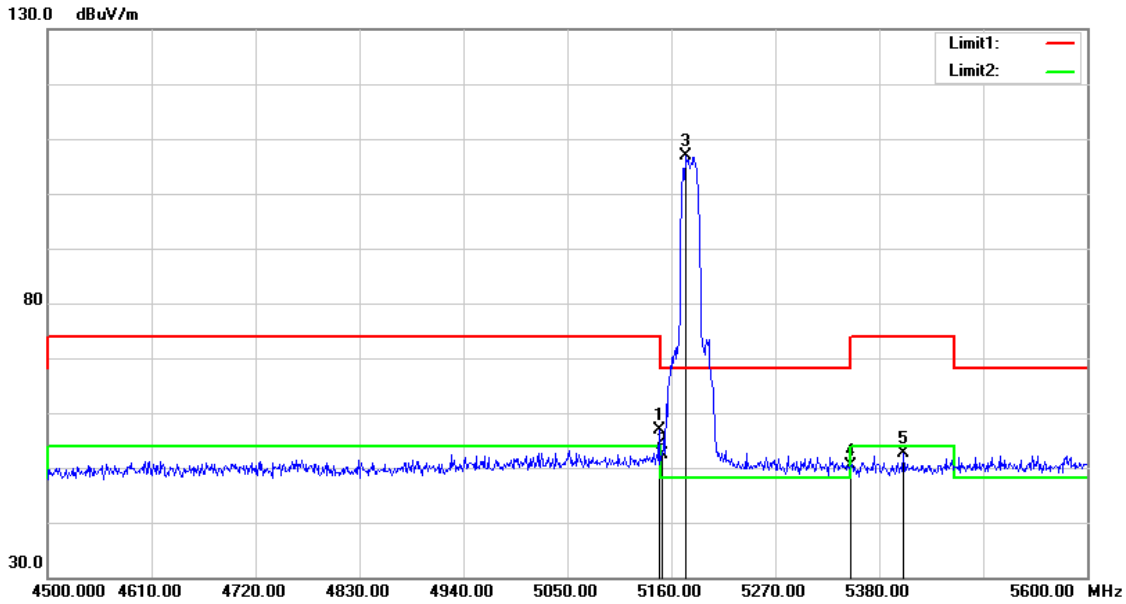
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	57.27	-0.08	57.19	74.00	-16.81	peak
2	5150.000	56.73	-0.08	56.65	74.00	-17.35	peak
3	5177.600	114.02	-0.03	113.99	68.20	45.79	peak
4	5350.000	49.50	0.30	49.80	74.00	-24.20	peak
5	5429.500	51.81	0.44	52.25	74.00	-21.75	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



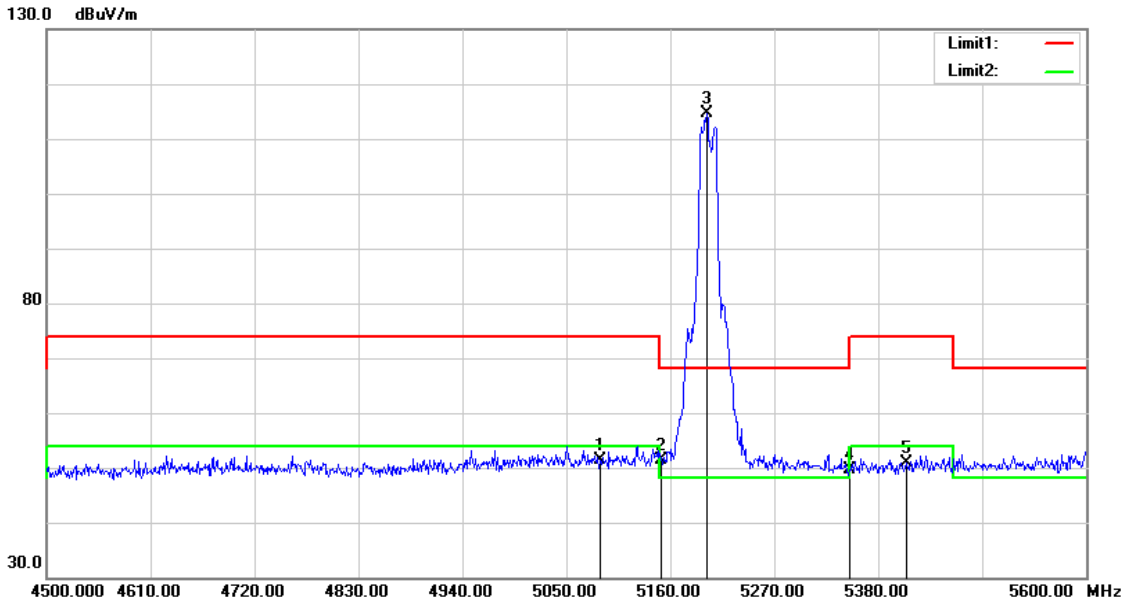
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.800	56.90	-0.08	56.82	74.00	-17.18	peak
2	5150.000	52.44	-0.08	52.36	74.00	-21.64	peak
3	5175.400	106.84	-0.03	106.81	68.20	38.61	peak
4	5350.000	50.02	0.30	50.32	74.00	-23.68	peak
5	5405.300	52.29	0.40	52.69	74.00	-21.31	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



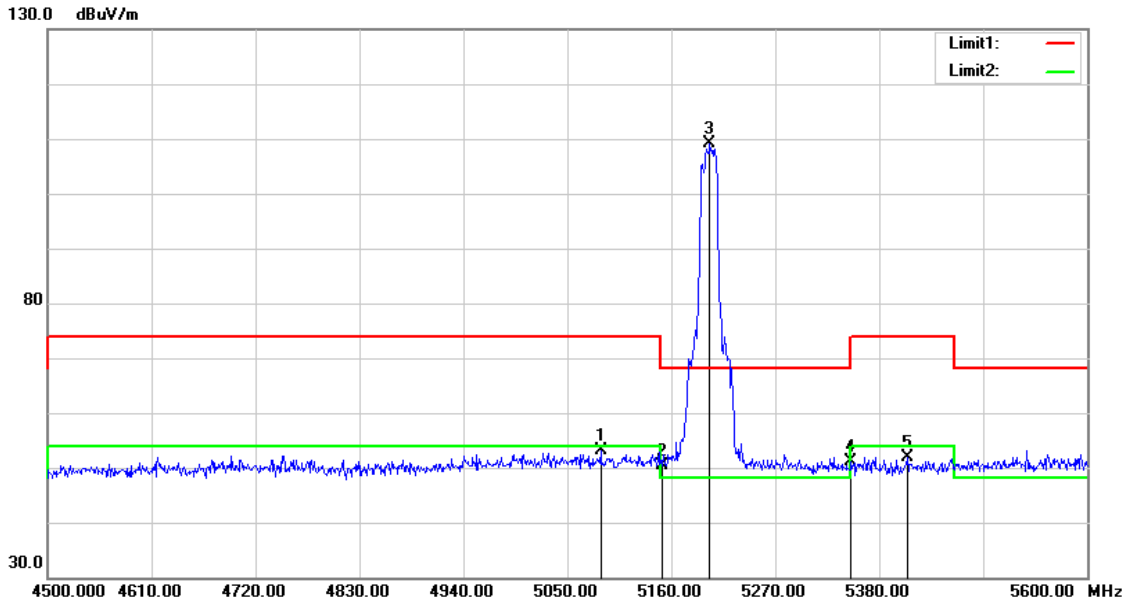
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5085.200	51.68	-0.20	51.48	74.00	-22.52	peak
2	5150.000	51.55	-0.08	51.47	74.00	-22.53	peak
3	5198.500	114.52	0.01	114.53	68.20	46.33	peak
4	5350.000	49.32	0.30	49.62	74.00	-24.38	peak
5	5409.700	50.56	0.41	50.97	74.00	-23.03	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



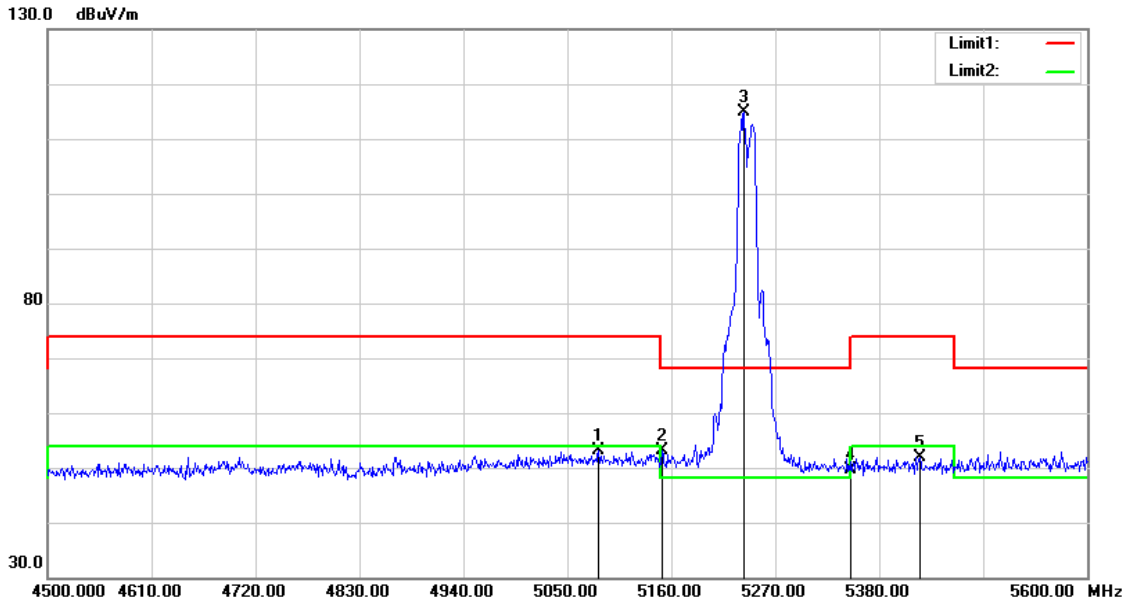
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5085.200	53.44	-0.20	53.24	74.00	-20.76	peak
2	5150.000	50.52	-0.08	50.44	74.00	-23.56	peak
3	5200.700	108.99	0.02	109.01	68.20	40.81	peak
4	5350.000	50.72	0.30	51.02	74.00	-22.98	peak
5	5409.700	51.54	0.41	51.95	74.00	-22.05	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



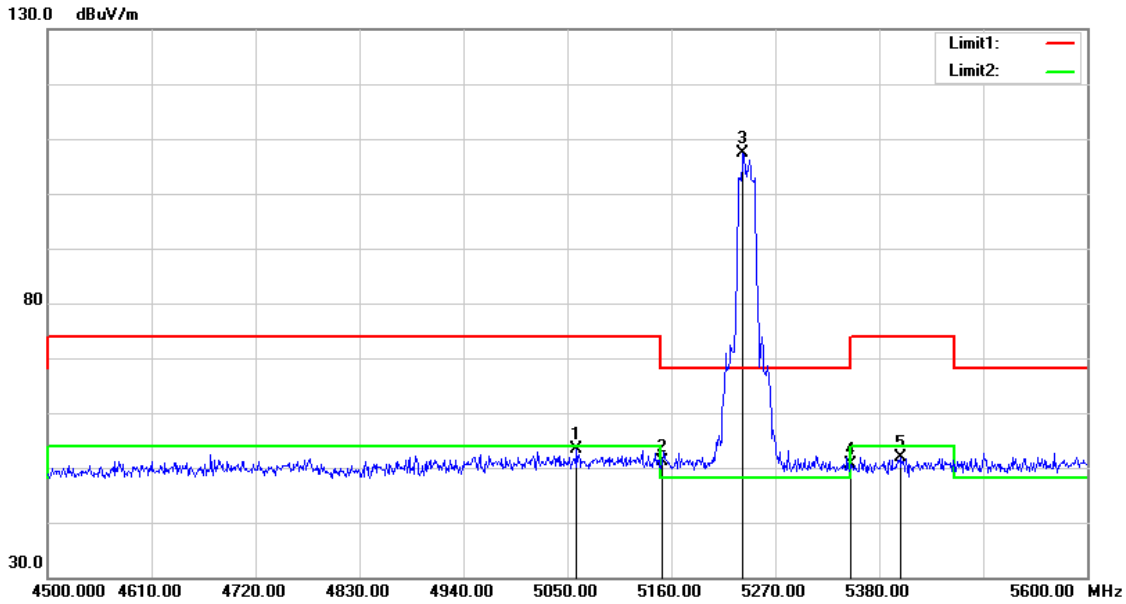
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5083.000	53.22	-0.20	53.02	74.00	-20.98	peak
2	5150.000	53.10	-0.08	53.02	74.00	-20.98	peak
3	5237.000	114.90	0.08	114.98	68.20	46.78	peak
4	5350.000	49.34	0.30	49.64	74.00	-24.36	peak
5	5422.900	51.49	0.43	51.92	74.00	-22.08	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



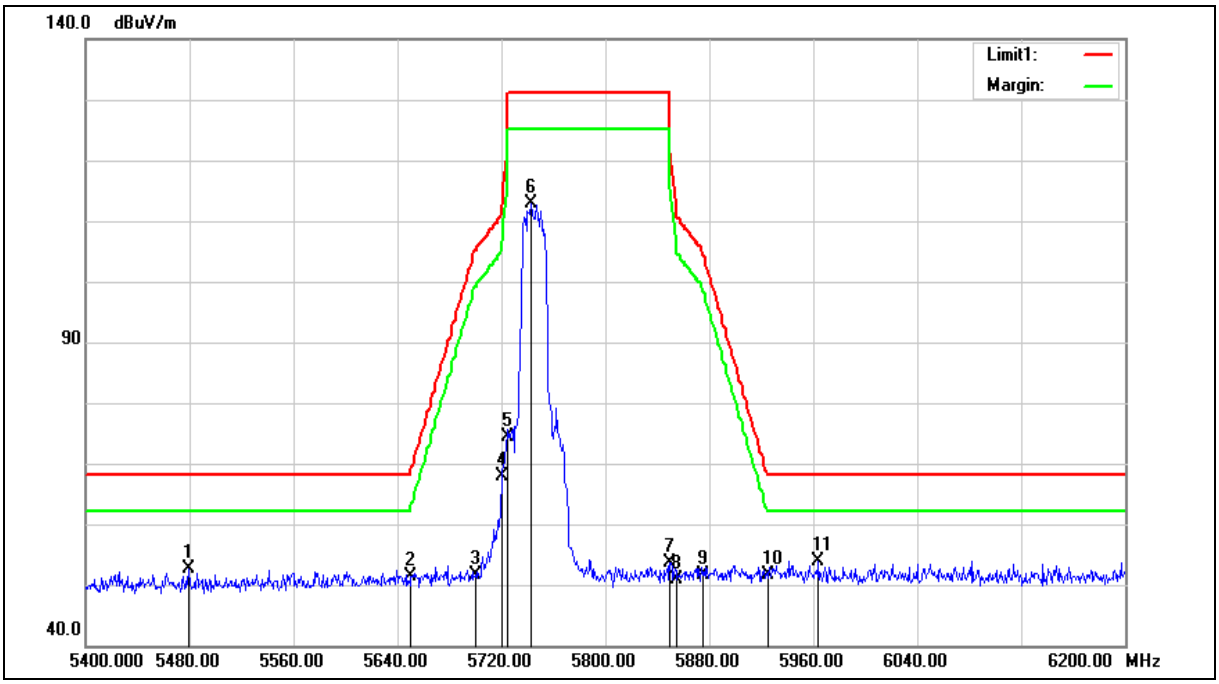
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5059.900	53.63	-0.25	53.38	74.00	-20.62	peak
2	5150.000	51.31	-0.08	51.23	74.00	-22.77	peak
3	5235.900	107.39	0.08	107.47	68.20	39.27	peak
4	5350.000	50.32	0.30	50.62	74.00	-23.38	peak
5	5402.000	51.49	0.39	51.88	74.00	-22.12	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

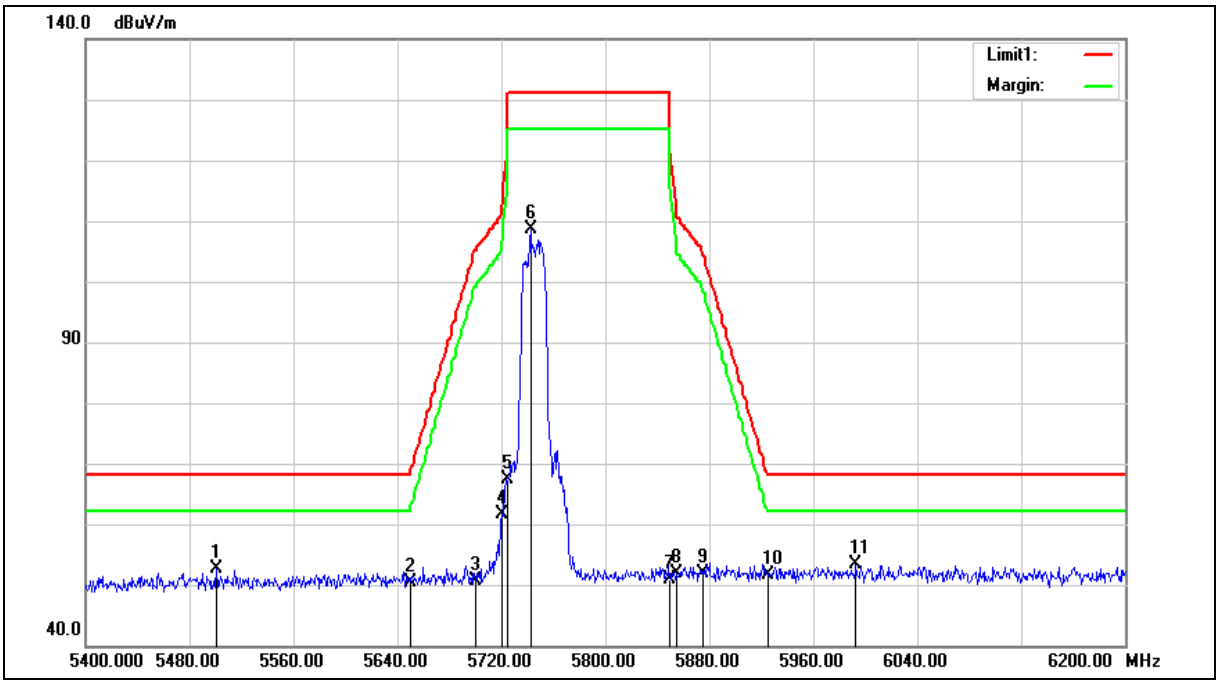
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5479.200	51.99	0.53	52.52	68.20	-15.68	peak
2	5650.000	50.48	0.97	51.45	68.20	-16.75	peak
3	5700.000	50.51	1.11	51.62	105.20	-53.58	peak
4	5720.000	66.77	1.17	67.94	110.80	-42.86	peak
5	5725.000	73.20	1.18	74.38	122.20	-47.82	peak
6	5743.200	111.73	1.22	112.95	131.20	-18.25	peak
7	5850.000	52.19	1.52	53.71	122.20	-68.49	peak
8	5855.000	49.24	1.53	50.77	110.80	-60.03	peak
9	5875.000	50.08	1.59	51.67	105.20	-53.53	peak
10	5925.000	49.93	1.72	51.65	68.20	-16.55	peak
11	5964.000	52.10	1.82	53.92	68.20	-14.28	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

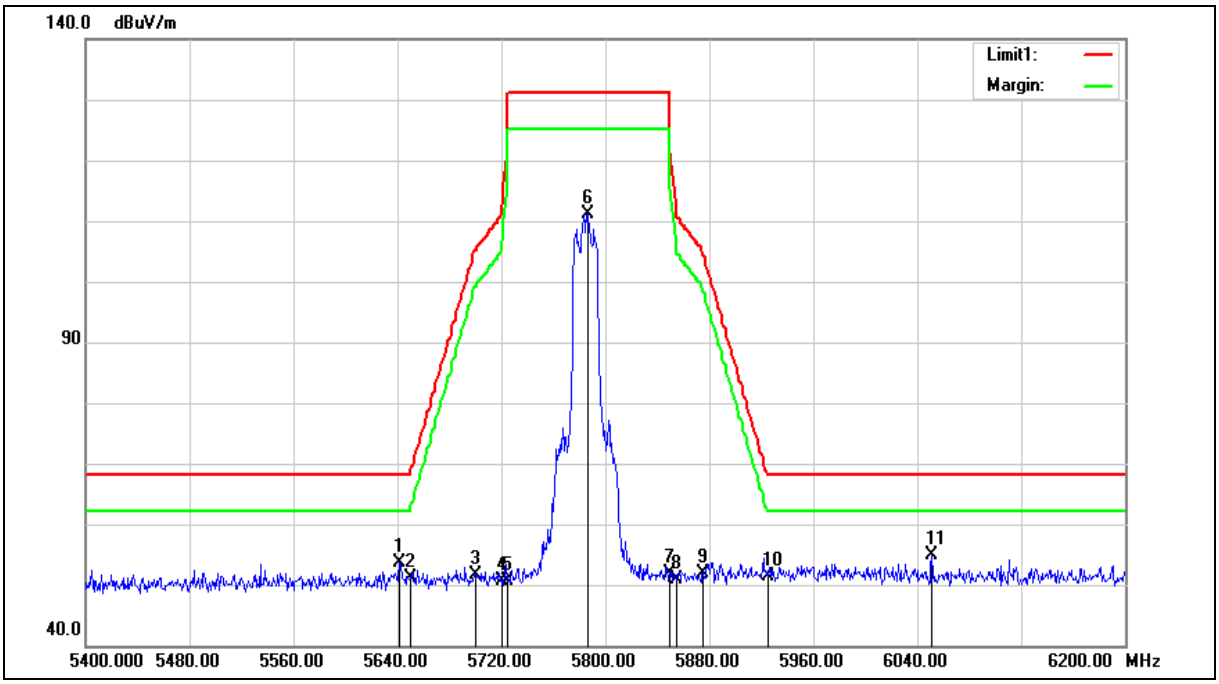
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5500.800	52.04	0.58	52.62	68.20	-15.58	peak
2	5650.000	49.50	0.97	50.47	68.20	-17.73	peak
3	5700.000	49.58	1.11	50.69	105.20	-54.51	peak
4	5720.000	60.37	1.17	61.54	110.80	-49.26	peak
5	5725.000	66.20	1.18	67.38	122.20	-54.82	peak
6	5742.400	107.42	1.22	108.64	131.20	-22.56	peak
7	5850.000	49.40	1.52	50.92	122.20	-71.28	peak
8	5855.000	50.32	1.53	51.85	110.80	-58.95	peak
9	5875.000	50.18	1.59	51.77	105.20	-53.43	peak
10	5925.000	49.87	1.72	51.59	68.20	-16.61	peak
11	5992.800	51.38	1.89	53.27	68.20	-14.93	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

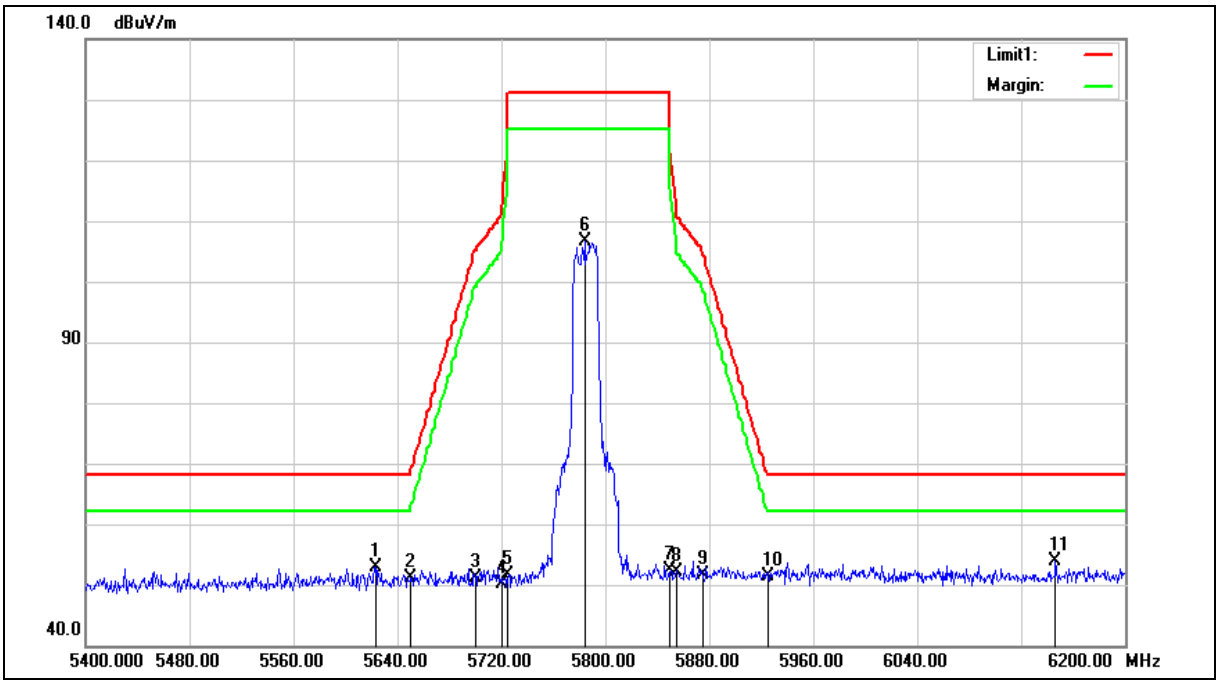
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5641.600	52.67	0.96	53.63	68.20	-14.57	peak
2	5650.000	50.11	0.97	51.08	68.20	-17.12	peak
3	5700.000	50.61	1.11	51.72	105.20	-53.48	peak
4	5720.000	49.56	1.17	50.73	110.80	-60.07	peak
5	5725.000	49.48	1.18	50.66	122.20	-71.54	peak
6	5786.400	109.85	1.34	111.19	131.20	-20.01	peak
7	5850.000	50.48	1.52	52.00	122.20	-70.20	peak
8	5855.000	49.26	1.53	50.79	110.80	-60.01	peak
9	5875.000	50.18	1.59	51.77	105.20	-53.43	peak
10	5925.000	49.72	1.72	51.44	68.20	-16.76	peak
11	6051.200	52.89	2.11	55.00	68.20	-13.20	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

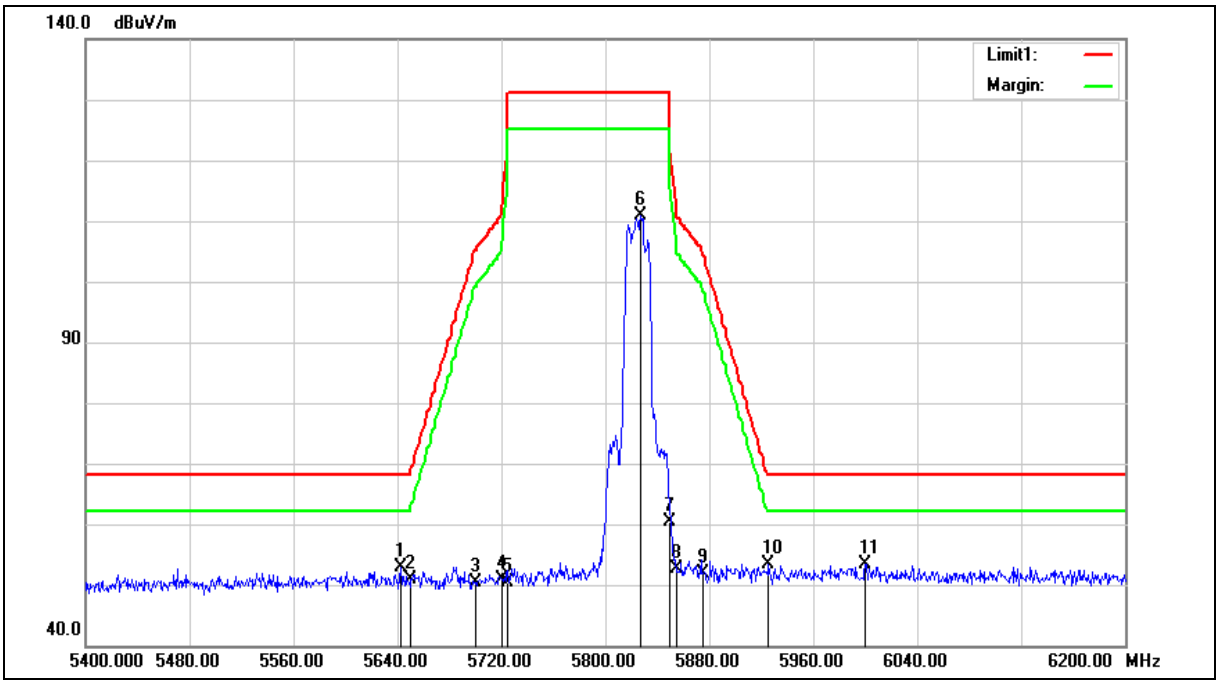
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5623.200	52.03	0.90	52.93	68.20	-15.27	peak
2	5650.000	50.14	0.97	51.11	68.20	-17.09	peak
3	5700.000	50.11	1.11	51.22	105.20	-53.98	peak
4	5720.000	48.95	1.17	50.12	110.80	-60.68	peak
5	5725.000	50.38	1.18	51.56	122.20	-70.64	peak
6	5784.000	105.20	1.34	106.54	131.20	-24.66	peak
7	5850.000	50.82	1.52	52.34	122.20	-69.86	peak
8	5855.000	50.62	1.53	52.15	110.80	-58.65	peak
9	5875.000	50.15	1.59	51.74	105.20	-53.46	peak
10	5925.000	49.61	1.72	51.33	68.20	-16.87	peak
11	6146.400	51.37	2.48	53.85	68.20	-14.35	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

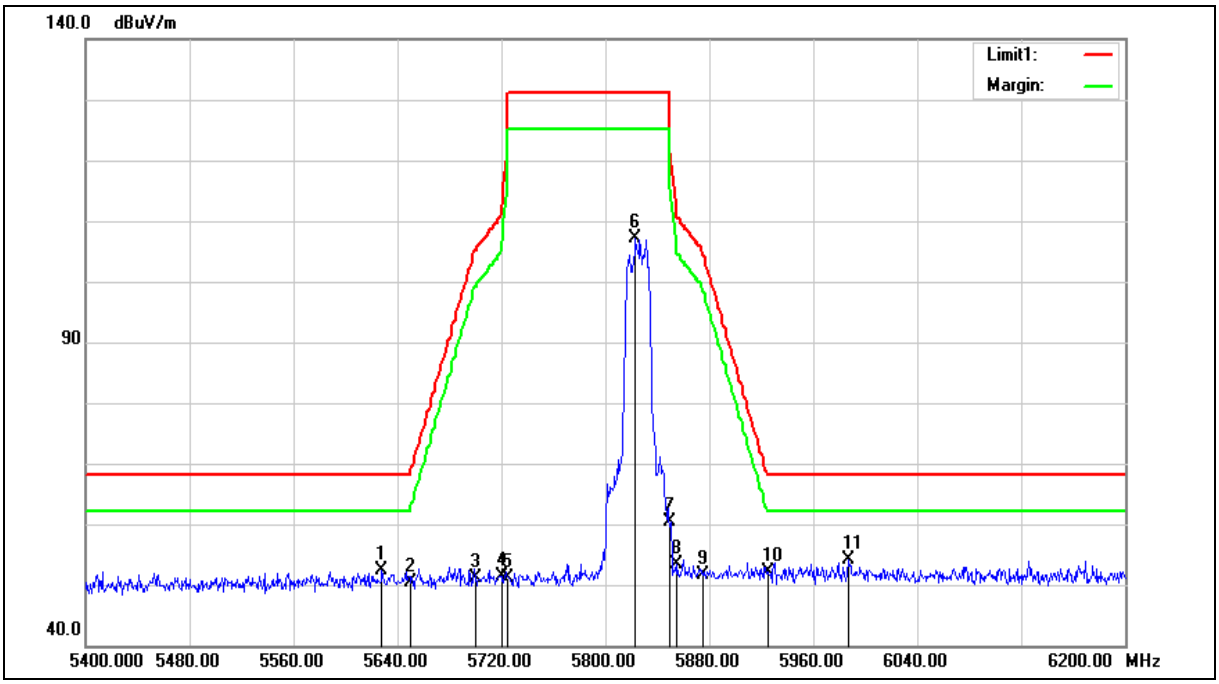
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5642.400	51.85	0.96	52.81	68.20	-15.39	peak
2	5650.000	49.79	0.97	50.76	68.20	-17.44	peak
3	5700.000	49.37	1.11	50.48	105.20	-54.72	peak
4	5720.000	49.73	1.17	50.90	110.80	-59.90	peak
5	5725.000	49.12	1.18	50.30	122.20	-71.90	peak
6	5827.200	109.52	1.45	110.97	131.20	-20.23	peak
7	5850.000	58.91	1.52	60.43	122.20	-61.77	peak
8	5855.000	51.16	1.53	52.69	110.80	-58.11	peak
9	5875.000	50.40	1.59	51.99	105.20	-53.21	peak
10	5925.000	51.55	1.72	53.27	68.20	-14.93	peak
11	6000.000	51.46	1.92	53.38	68.20	-14.82	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

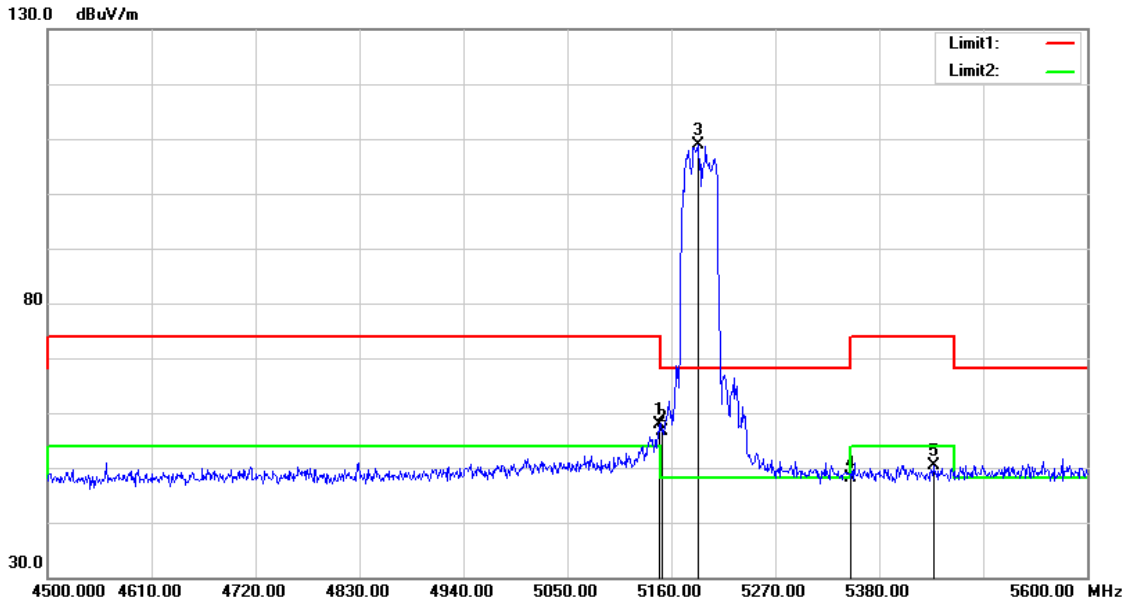
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5628.000	51.37	0.92	52.29	68.20	-15.91	peak
2	5650.000	49.51	0.97	50.48	68.20	-17.72	peak
3	5700.000	50.13	1.11	51.24	105.20	-53.96	peak
4	5720.000	50.11	1.17	51.28	110.80	-59.52	peak
5	5725.000	50.04	1.18	51.22	122.20	-70.98	peak
6	5823.200	105.70	1.45	107.15	131.20	-24.05	peak
7	5850.000	58.90	1.52	60.42	122.20	-61.78	peak
8	5855.000	51.73	1.53	53.26	110.80	-57.54	peak
9	5875.000	50.10	1.59	51.69	105.20	-53.51	peak
10	5925.000	50.39	1.72	52.11	68.20	-16.09	peak
11	5987.200	52.16	1.88	54.04	68.20	-14.16	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



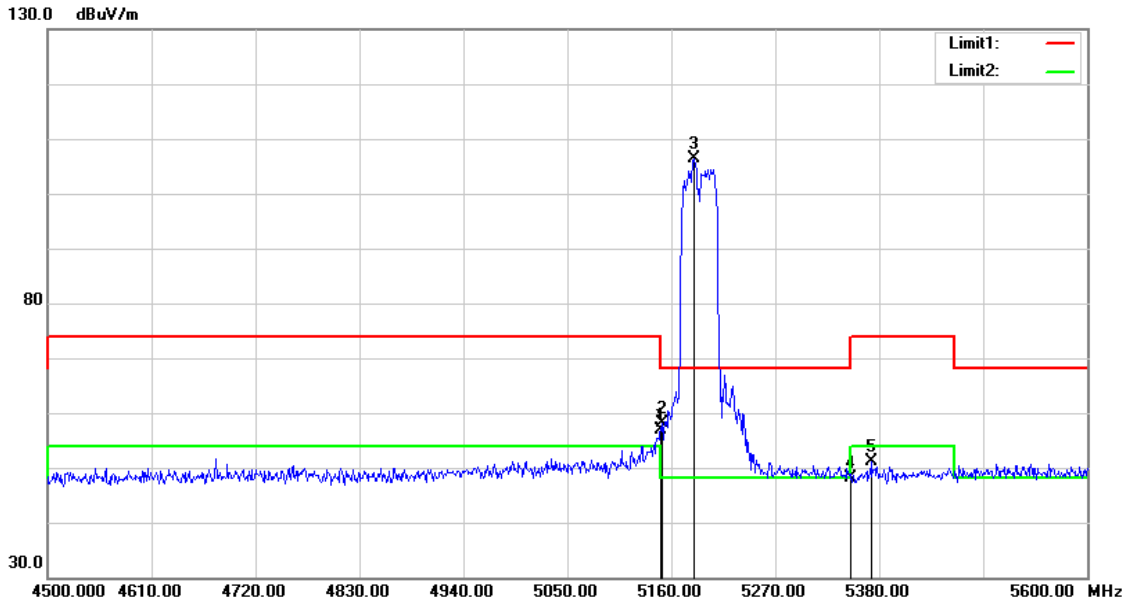
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	57.89	-0.08	57.81	74.00	-16.19	peak
2	5150.000	56.78	-0.08	56.70	74.00	-17.30	peak
3	5188.600	108.93	-0.01	108.92	68.20	40.72	peak
4	5350.000	47.85	0.30	48.15	74.00	-25.85	peak
5	5437.200	50.00	0.46	50.46	74.00	-23.54	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



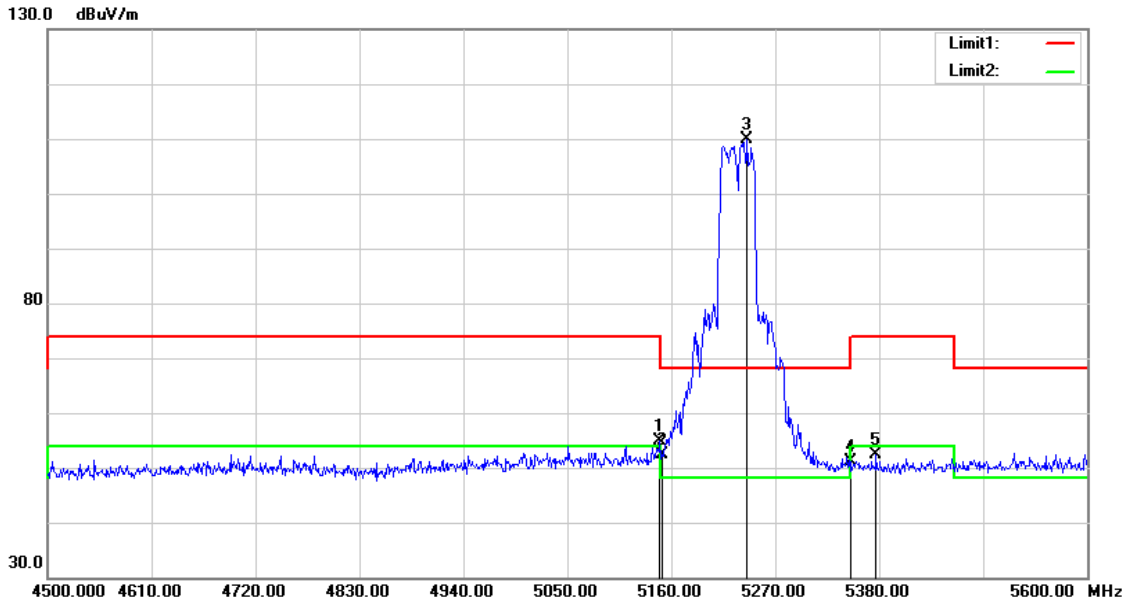
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.000	56.84	-0.08	56.76	74.00	-17.24	peak
2	5150.100	58.17	-0.08	58.09	68.20	-10.11	peak
3	5184.200	106.36	-0.02	106.34	68.20	38.14	peak
4	5350.000	47.82	0.30	48.12	74.00	-25.88	peak
5	5371.200	50.74	0.34	51.08	74.00	-22.92	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



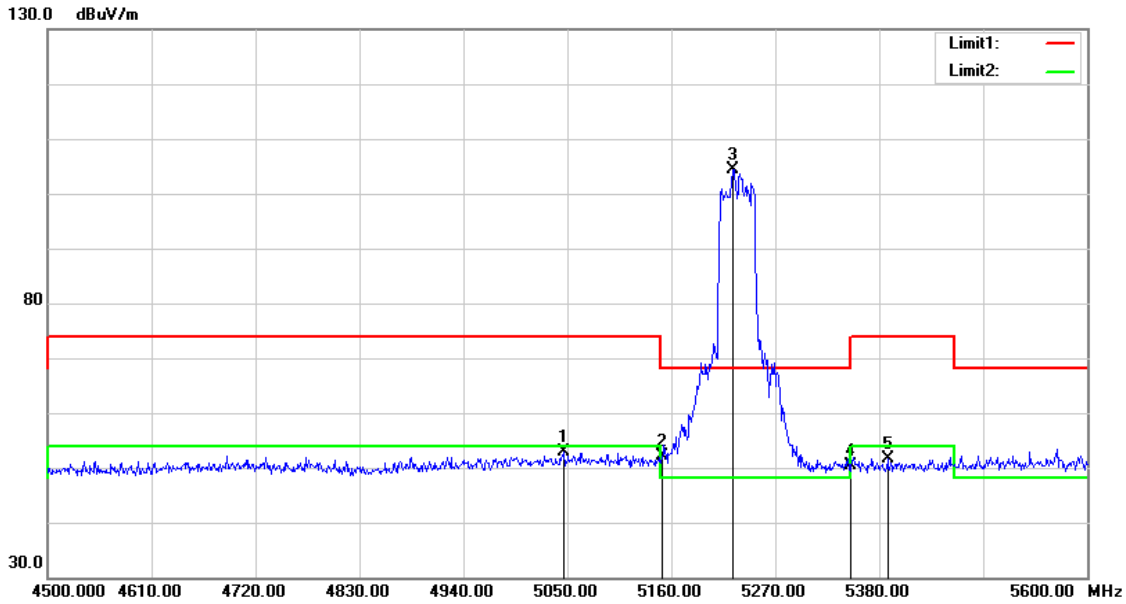
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	55.02	-0.08	54.94	74.00	-19.06	peak
2	5150.000	52.42	-0.08	52.34	74.00	-21.66	peak
3	5240.300	109.91	0.09	110.00	68.20	41.80	peak
4	5350.000	50.79	0.30	51.09	74.00	-22.91	peak
5	5376.700	52.01	0.34	52.35	74.00	-21.65	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



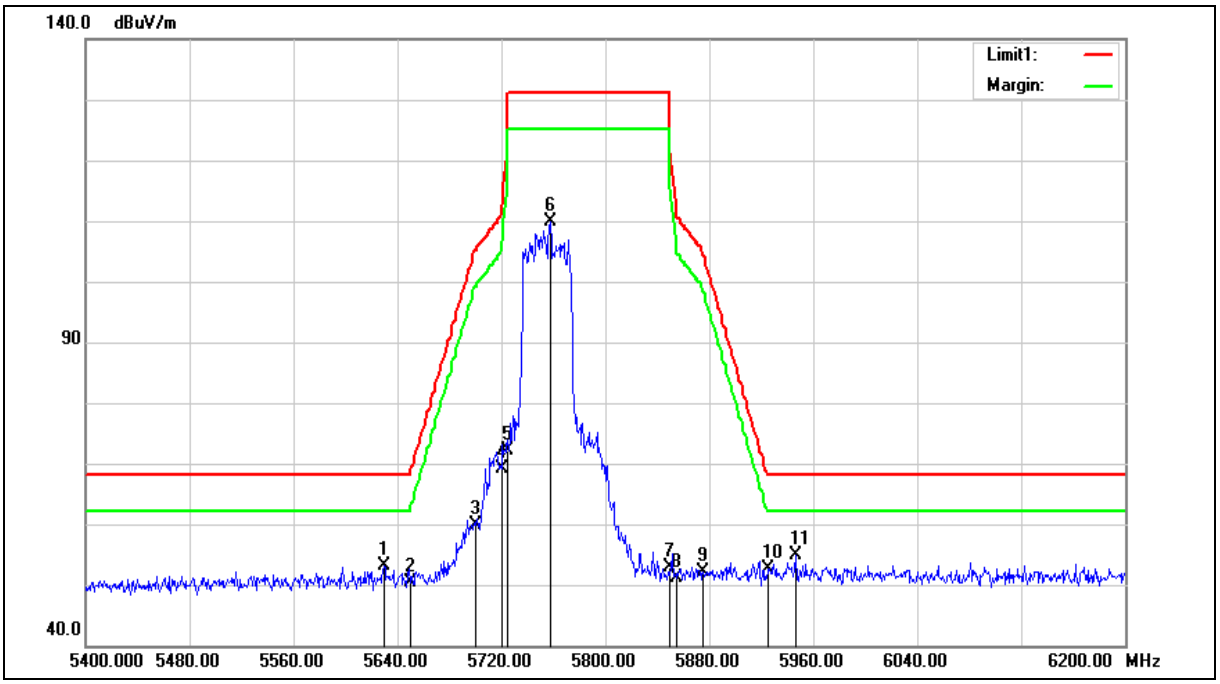
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5046.700	53.12	-0.27	52.85	74.00	-21.15	peak
2	5150.000	52.21	-0.08	52.13	74.00	-21.87	peak
3	5224.900	104.38	0.06	104.44	68.20	36.24	peak
4	5350.000	50.02	0.30	50.32	74.00	-23.68	peak
5	5388.800	51.38	0.36	51.74	74.00	-22.26	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

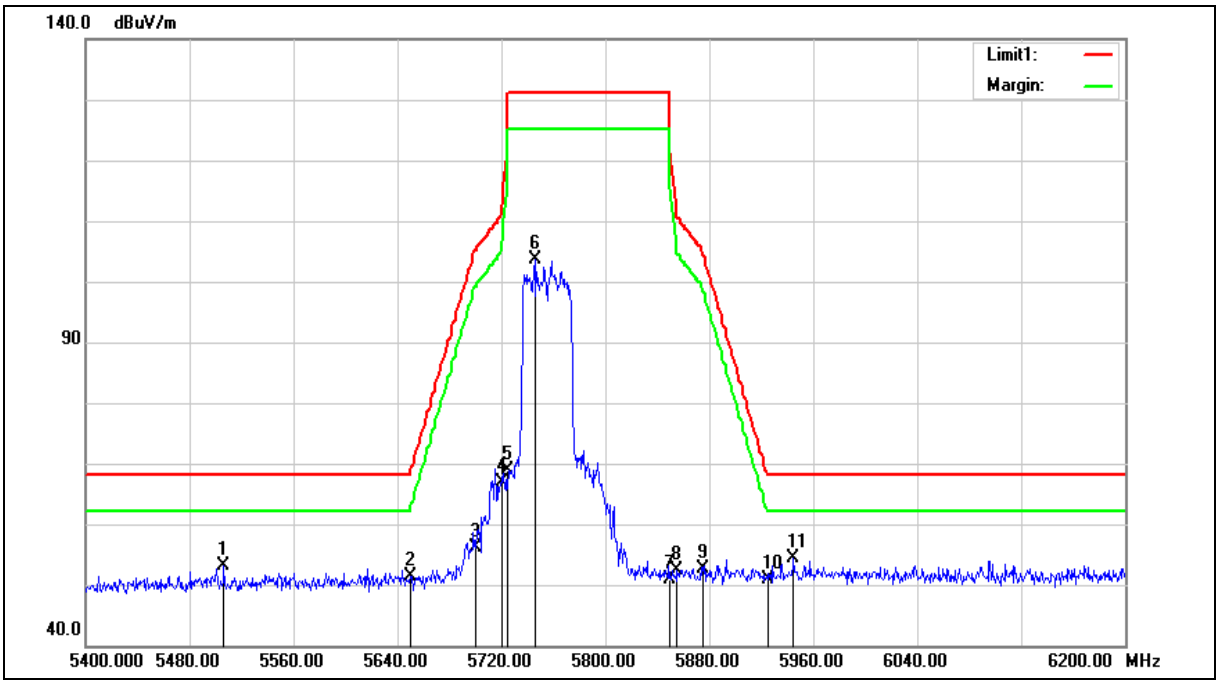
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5629.600	52.25	0.93	53.18	68.20	-15.02	peak
2	5650.000	49.48	0.97	50.45	68.20	-17.75	peak
3	5700.000	58.71	1.11	59.82	105.20	-45.38	peak
4	5720.000	67.99	1.17	69.16	110.80	-41.64	peak
5	5725.000	70.95	1.18	72.13	122.20	-50.07	peak
6	5757.600	108.68	1.27	109.95	131.20	-21.25	peak
7	5850.000	51.34	1.52	52.86	122.20	-69.34	peak
8	5855.000	49.70	1.53	51.23	110.80	-59.57	peak
9	5875.000	50.57	1.59	52.16	105.20	-53.04	peak
10	5925.000	50.89	1.72	52.61	68.20	-15.59	peak
11	5946.400	53.07	1.78	54.85	68.20	-13.35	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		

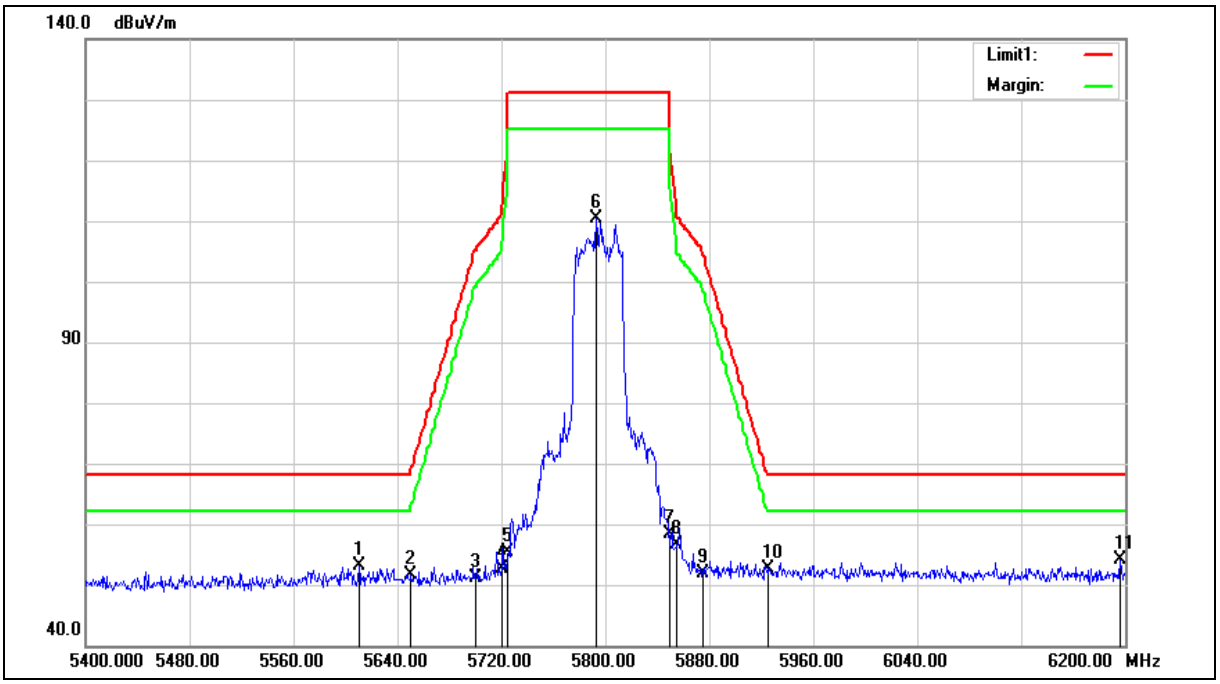
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5506.400	52.45	0.59	53.04	68.20	-15.16	peak
2	5650.000	50.40	0.97	51.37	68.20	-16.83	peak
3	5700.000	55.00	1.11	56.11	105.20	-49.09	peak
4	5720.000	65.76	1.17	66.93	110.80	-43.87	peak
5	5725.000	67.78	1.18	68.96	122.20	-53.24	peak
6	5745.600	102.34	1.23	103.57	131.20	-27.63	peak
7	5850.000	49.47	1.52	50.99	122.20	-71.21	peak
8	5855.000	50.93	1.53	52.46	110.80	-58.34	peak
9	5875.000	51.07	1.59	52.66	105.20	-52.54	peak
10	5925.000	49.06	1.72	50.78	68.20	-17.42	peak
11	5944.800	52.66	1.77	54.43	68.20	-13.77	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

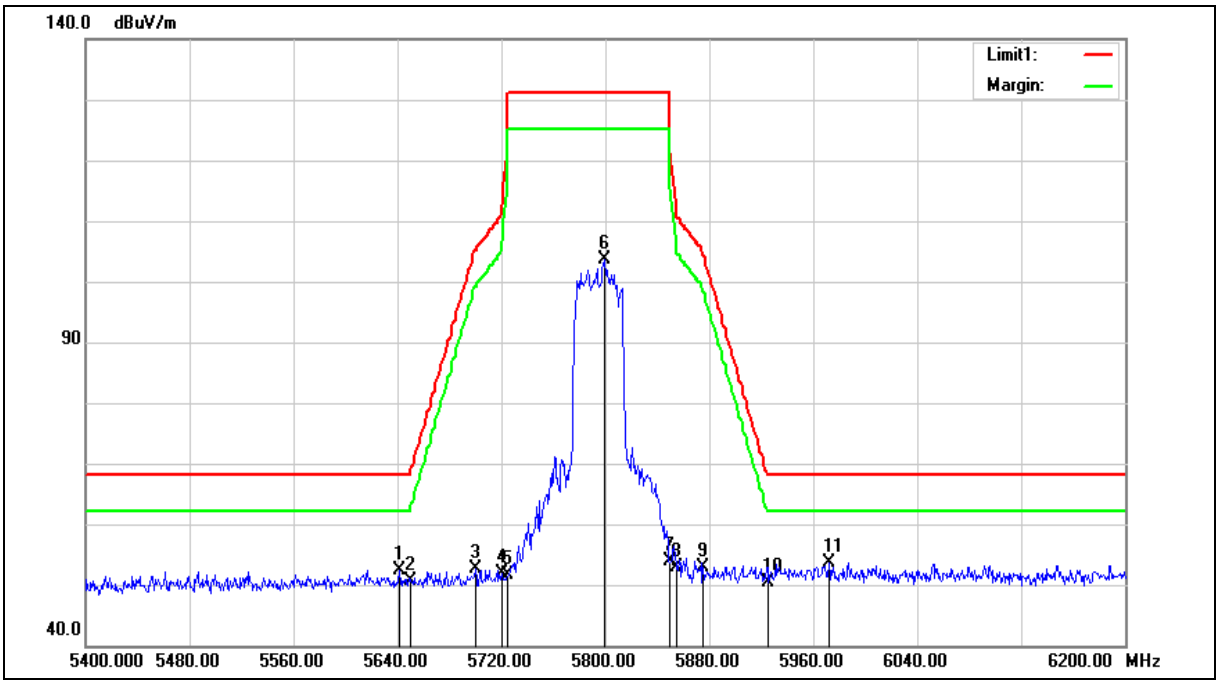
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5610.400	52.17	0.87	53.04	68.20	-15.16	peak
2	5650.000	50.65	0.97	51.62	68.20	-16.58	peak
3	5700.000	50.08	1.11	51.19	105.20	-54.01	peak
4	5720.000	51.35	1.17	52.52	110.80	-58.28	peak
5	5725.000	54.27	1.18	55.45	122.20	-66.75	peak
6	5792.800	108.95	1.36	110.31	131.20	-20.89	peak
7	5850.000	56.83	1.52	58.35	122.20	-63.85	peak
8	5855.000	55.00	1.53	56.53	110.80	-54.27	peak
9	5875.000	50.31	1.59	51.90	105.20	-53.30	peak
10	5925.000	50.97	1.72	52.69	68.20	-15.51	peak
11	6196.000	51.34	2.67	54.01	68.20	-14.19	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		

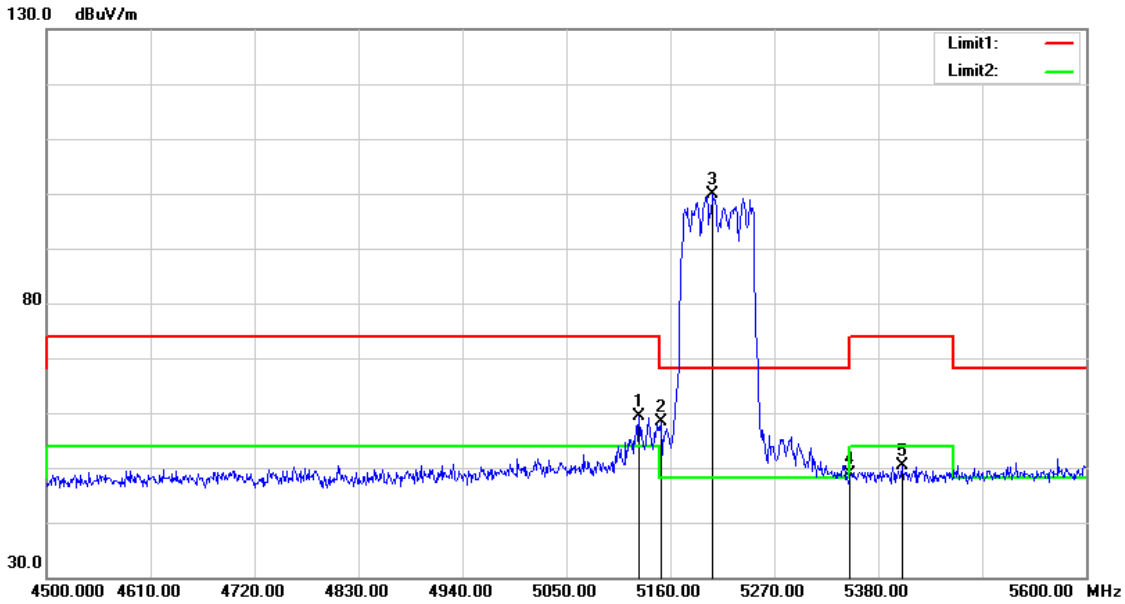
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5641.600	51.36	0.96	52.32	68.20	-15.88	peak
2	5650.000	49.70	0.97	50.67	68.20	-17.53	peak
3	5700.000	51.42	1.11	52.53	105.20	-52.67	peak
4	5720.000	50.59	1.17	51.76	110.80	-59.04	peak
5	5725.000	50.37	1.18	51.55	122.20	-70.65	peak
6	5799.200	102.34	1.38	103.72	131.20	-27.48	peak
7	5850.000	52.41	1.52	53.93	122.20	-68.27	peak
8	5855.000	51.31	1.53	52.84	110.80	-57.96	peak
9	5875.000	51.38	1.59	52.97	105.20	-52.23	peak
10	5925.000	48.57	1.72	50.29	68.20	-17.91	peak
11	5972.000	51.76	1.85	53.61	68.20	-14.59	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



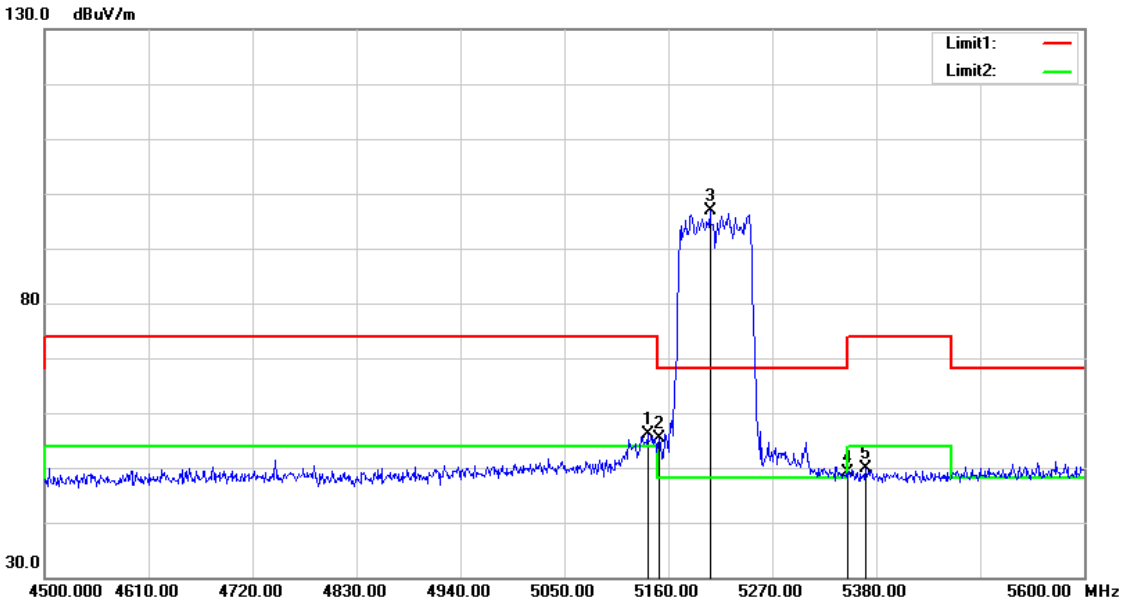
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5127.000	59.48	-0.13	59.35	74.00	-14.65	peak
2	5150.000	58.43	-0.08	58.35	74.00	-15.65	peak
3	5205.100	99.77	0.02	99.79	68.20	31.59	peak
4	5350.000	48.48	0.30	48.78	74.00	-25.22	peak
5	5405.300	50.03	0.40	50.43	74.00	-23.57	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



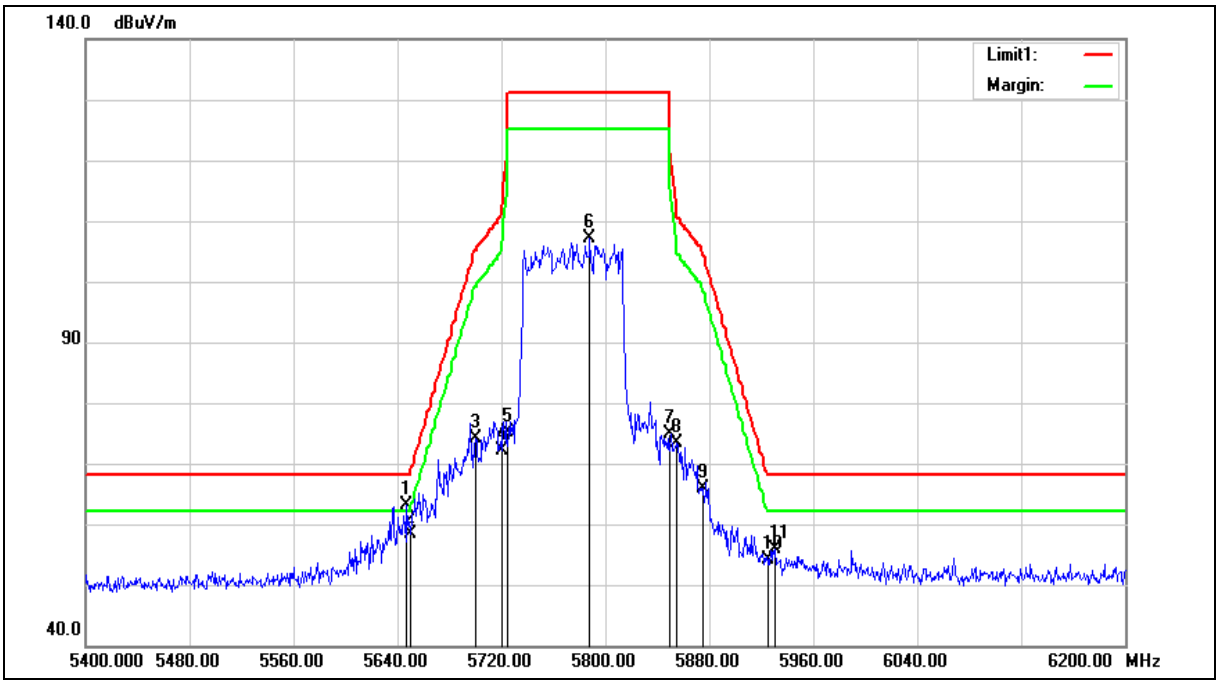
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.000	56.32	-0.10	56.22	74.00	-17.78	peak
2	5150.000	55.36	-0.08	55.28	74.00	-18.72	peak
3	5204.000	96.86	0.02	96.88	68.20	28.68	peak
4	5350.000	48.80	0.30	49.10	74.00	-24.90	peak
5	5369.000	49.52	0.34	49.86	74.00	-24.14	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

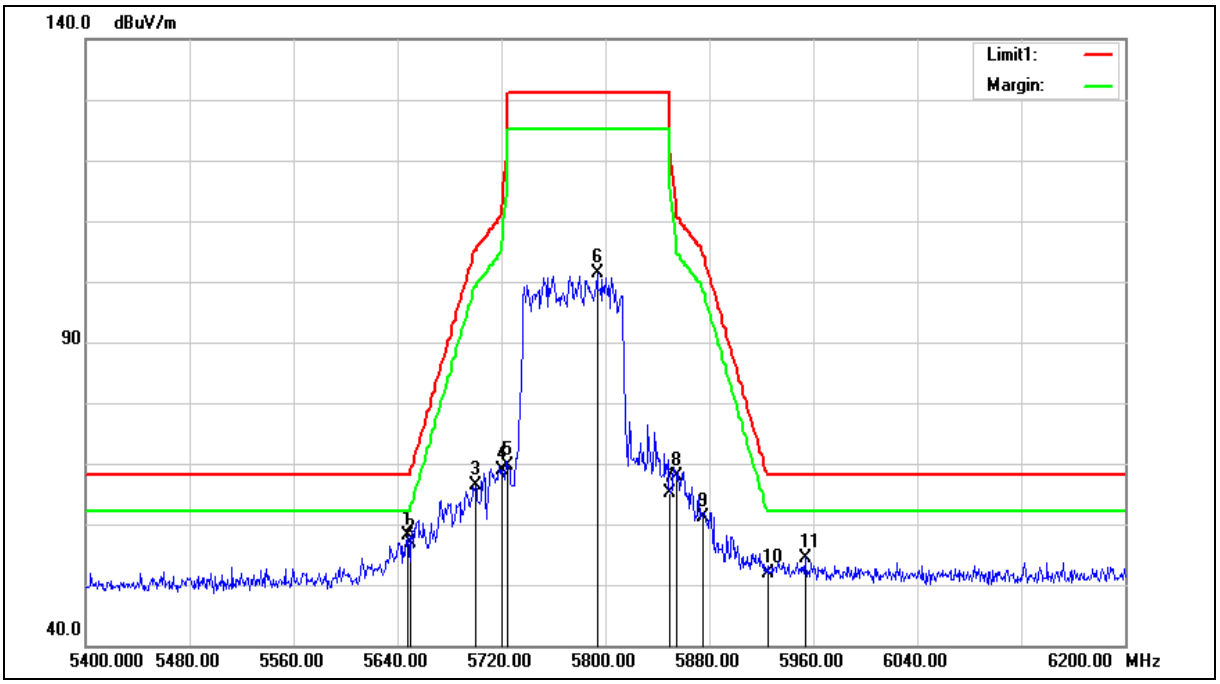
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5647.200	62.19	0.97	63.16	68.20	-5.04	peak
2	5650.000	57.32	0.97	58.29	68.20	-9.91	peak
3	5700.000	73.05	1.11	74.16	105.20	-31.04	peak
4	5720.000	70.90	1.17	72.07	110.80	-38.73	peak
5	5725.000	73.99	1.18	75.17	122.20	-47.03	peak
6	5788.000	105.72	1.36	107.08	131.20	-24.12	peak
7	5850.000	73.47	1.52	74.99	122.20	-47.21	peak
8	5855.000	71.85	1.53	73.38	110.80	-37.42	peak
9	5875.000	64.39	1.59	65.98	105.20	-39.22	peak
10	5925.000	52.52	1.72	54.24	68.20	-13.96	peak
11	5930.400	54.11	1.74	55.85	68.20	-12.35	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5648.000	57.20	0.97	58.17	68.20	-10.03	peak
2	5650.000	56.00	0.97	56.97	68.20	-11.23	peak
3	5700.000	65.29	1.11	66.40	105.20	-38.80	peak
4	5720.000	67.65	1.17	68.82	110.80	-41.98	peak
5	5725.000	68.50	1.18	69.68	122.20	-52.52	peak
6	5793.600	99.95	1.36	101.31	131.20	-29.89	peak
7	5850.000	63.61	1.52	65.13	122.20	-57.07	peak
8	5855.000	66.27	1.53	67.80	110.80	-43.00	peak
9	5875.000	59.43	1.59	61.02	105.20	-44.18	peak
10	5925.000	50.07	1.72	51.79	68.20	-16.41	peak
11	5953.600	52.71	1.79	54.50	68.20	-13.70	peak

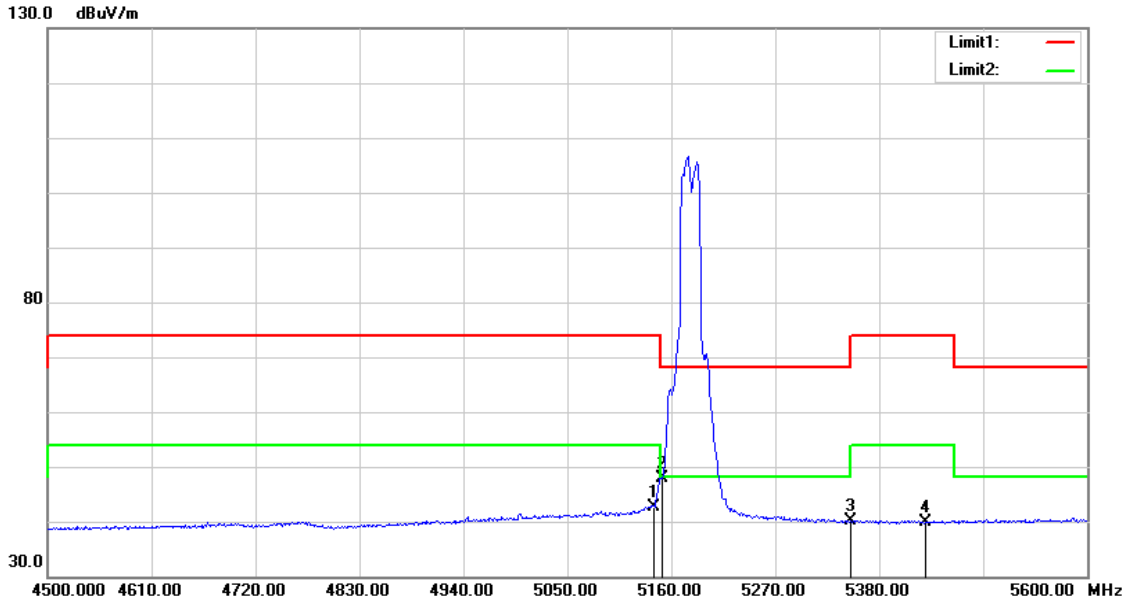
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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

Average

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



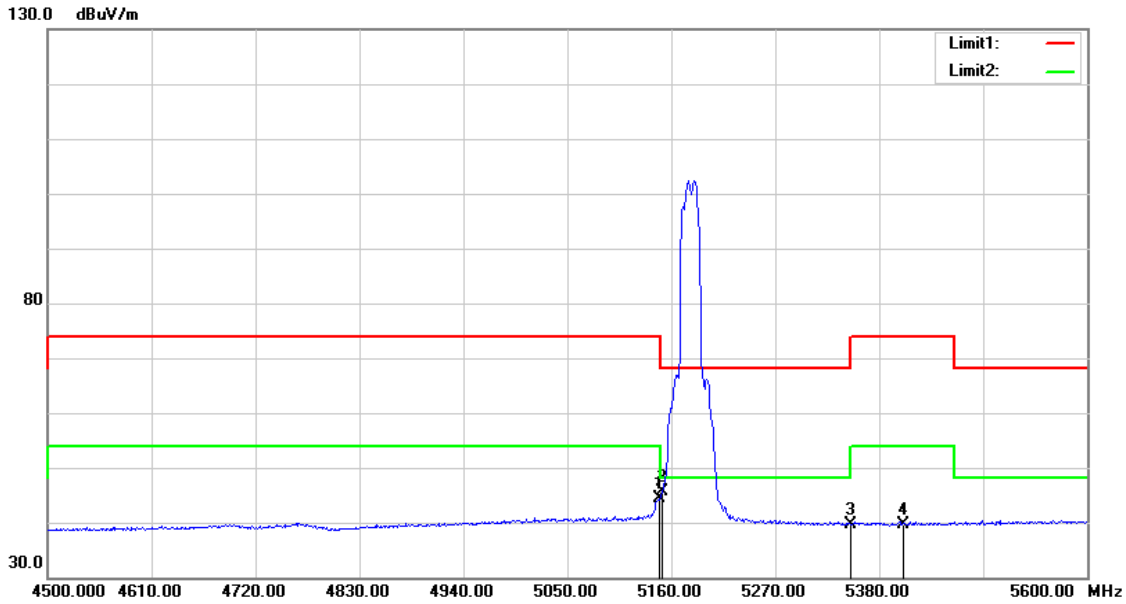
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.900	42.73	-0.10	42.63	54.00	-11.37	AVG
2	5150.000	48.08	-0.08	48.00	54.00	-6.00	AVG
3	5350.000	39.84	0.30	40.14	54.00	-13.86	AVG
4	5429.500	39.36	0.44	39.80	54.00	-14.20	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



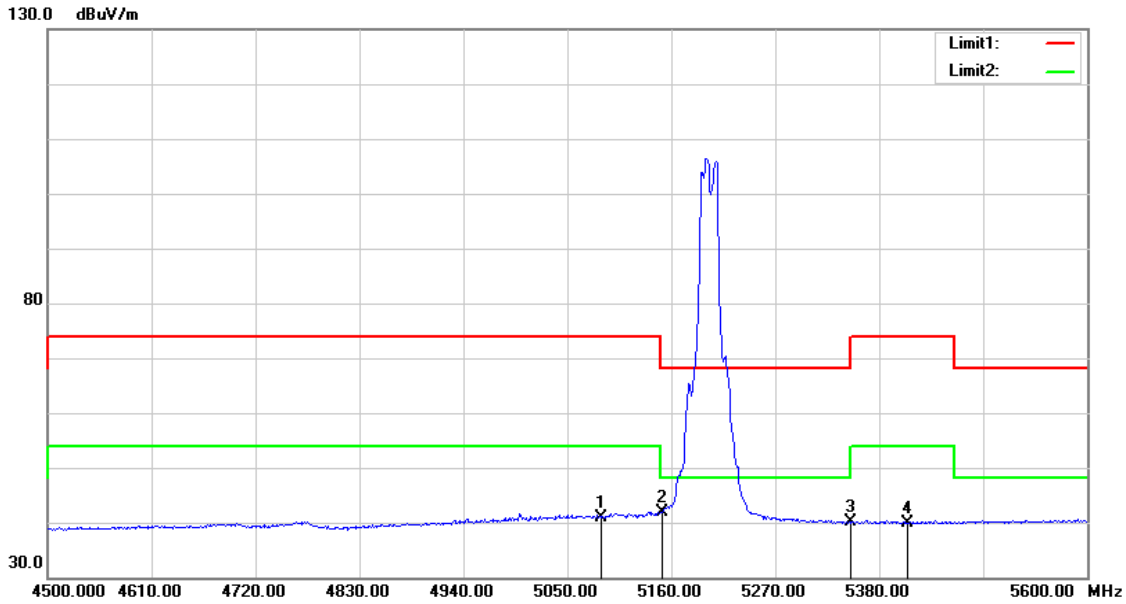
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.800	44.38	-0.08	44.30	54.00	-9.70	AVG
2	5150.000	45.64	-0.08	45.56	54.00	-8.44	AVG
3	5350.000	39.42	0.30	39.72	54.00	-14.28	AVG
4	5405.300	39.35	0.40	39.75	54.00	-14.25	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



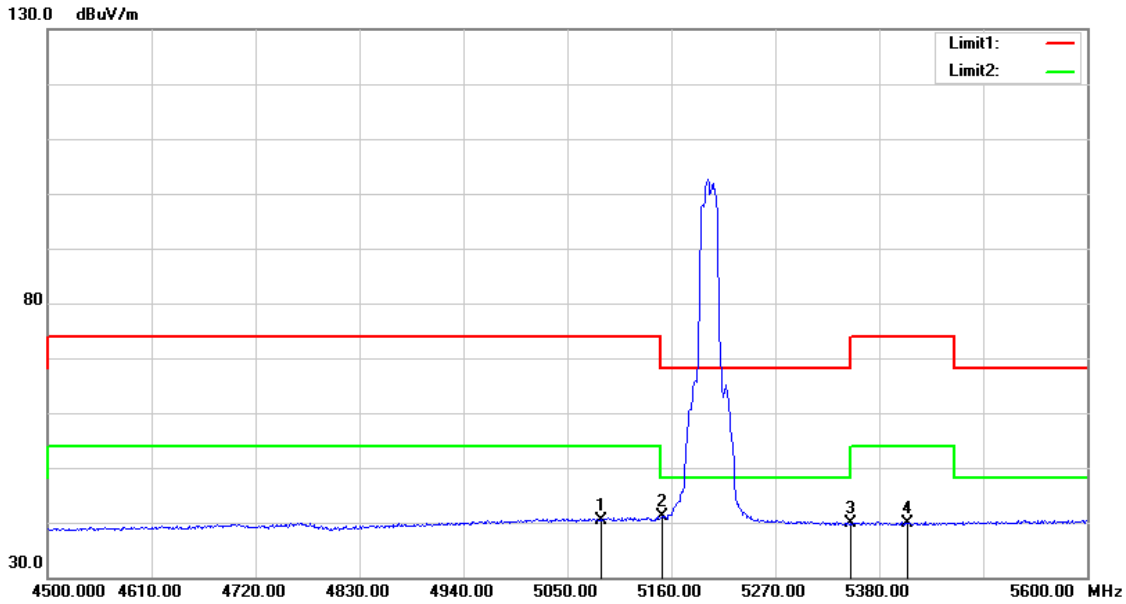
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5085.200	41.08	-0.20	40.88	54.00	-13.12	AVG
2	5150.000	42.02	-0.08	41.94	54.00	-12.06	AVG
3	5350.000	39.71	0.30	40.01	54.00	-13.99	AVG
4	5409.700	39.56	0.41	39.97	54.00	-14.03	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



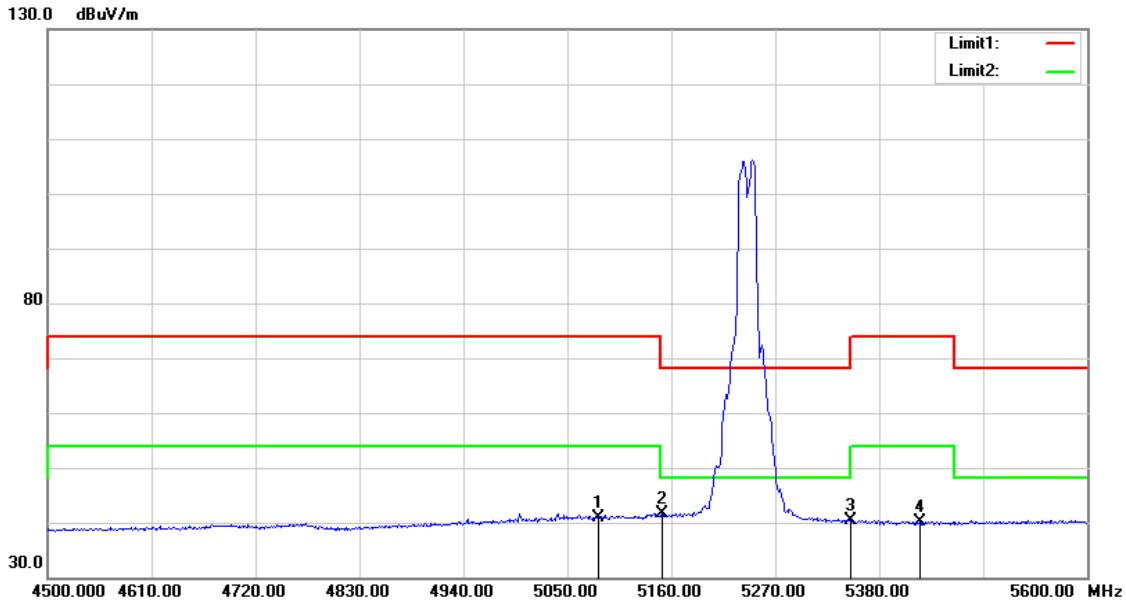
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5085.200	40.69	-0.20	40.49	54.00	-13.51	AVG
2	5150.000	41.16	-0.08	41.08	54.00	-12.92	AVG
3	5350.000	39.48	0.30	39.78	54.00	-14.22	AVG
4	5409.700	39.40	0.41	39.81	54.00	-14.19	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



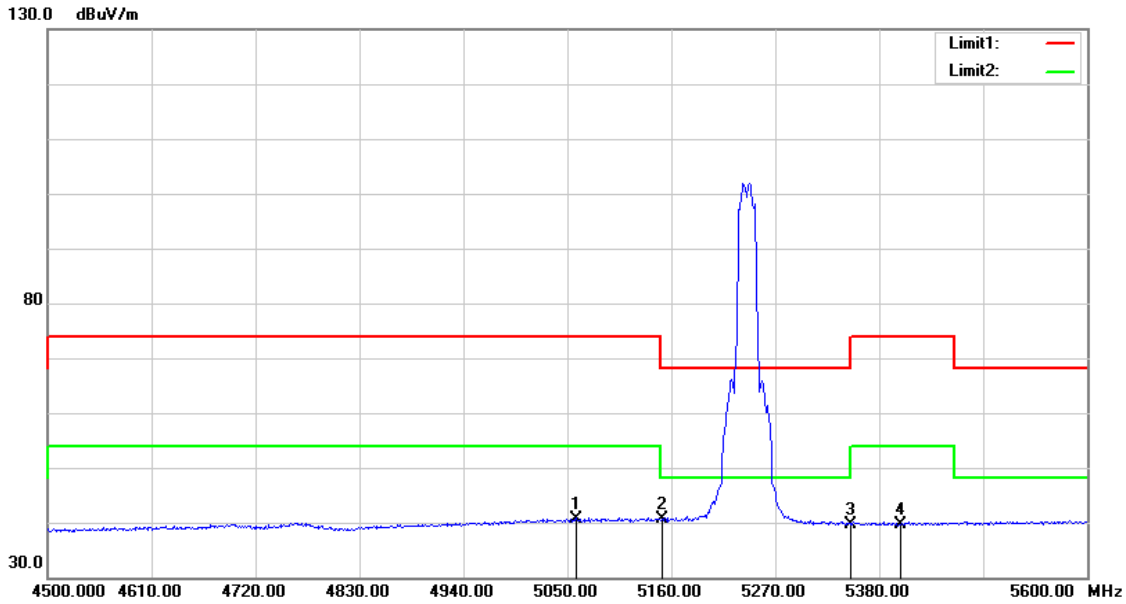
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5083.000	41.10	-0.20	40.90	54.00	-13.10	AVG
2	5150.000	41.59	-0.08	41.51	54.00	-12.49	AVG
3	5350.000	39.97	0.30	40.27	54.00	-13.73	AVG
4	5422.900	39.63	0.43	40.06	54.00	-13.94	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



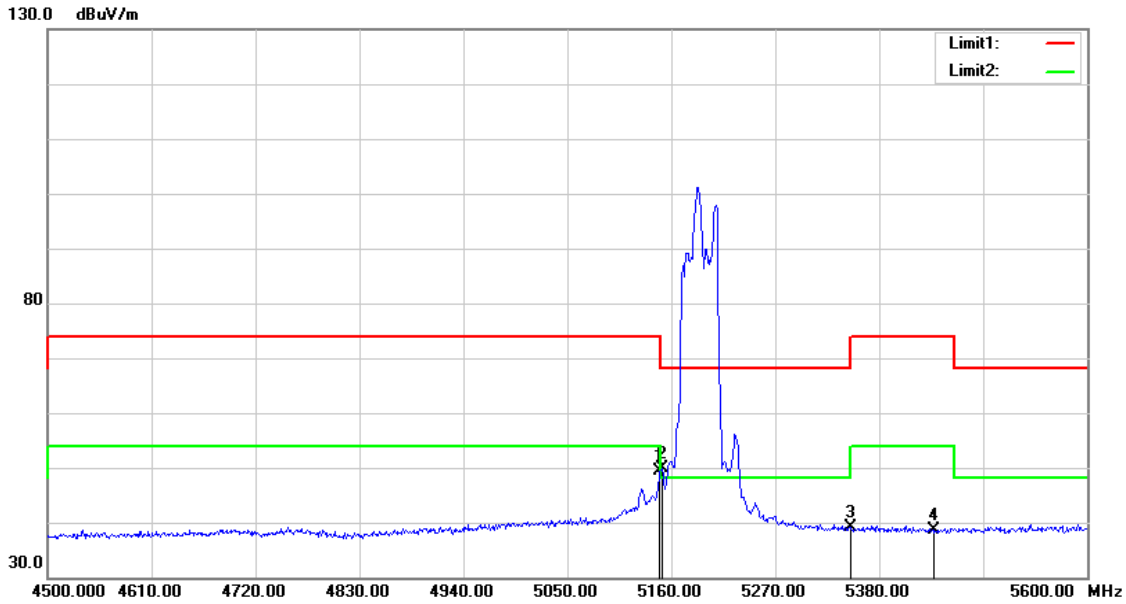
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5059.900	40.88	-0.25	40.63	54.00	-13.37	AVG
2	5150.000	40.61	-0.08	40.53	54.00	-13.47	AVG
3	5350.000	39.30	0.30	39.60	54.00	-14.40	AVG
4	5402.000	39.22	0.39	39.61	54.00	-14.39	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



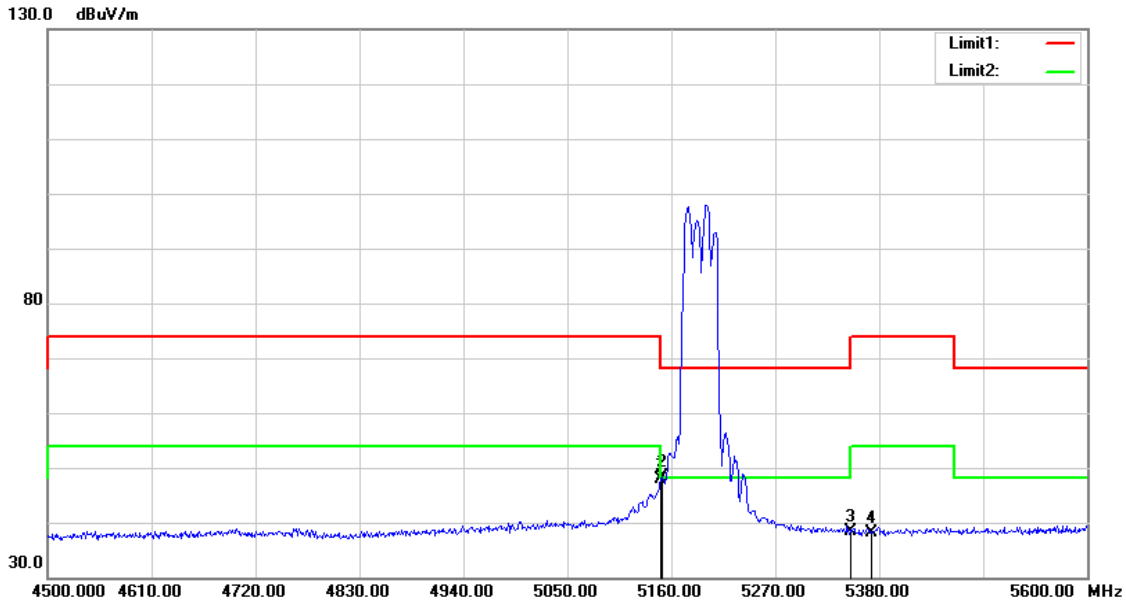
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	49.35	-0.08	49.27	54.00	-4.73	AVG
2	5150.000	49.84	-0.08	49.76	54.00	-4.24	AVG
3	5350.000	38.91	0.30	39.21	54.00	-14.79	AVG
4	5437.200	38.15	0.46	38.61	54.00	-15.39	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



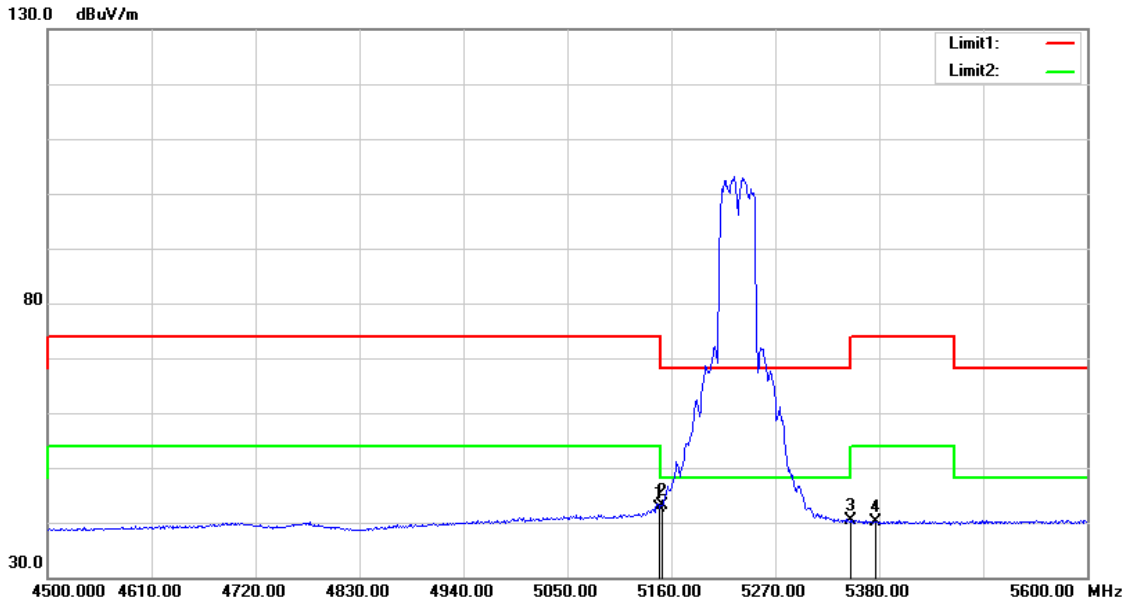
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.000	47.96	-0.08	47.88	54.00	-6.12	AVG
2	5150.000	48.38	-0.08	48.30	54.00	-5.70	AVG
3	5350.000	38.18	0.30	38.48	54.00	-15.52	AVG
4	5371.200	37.90	0.34	38.24	54.00	-15.76	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



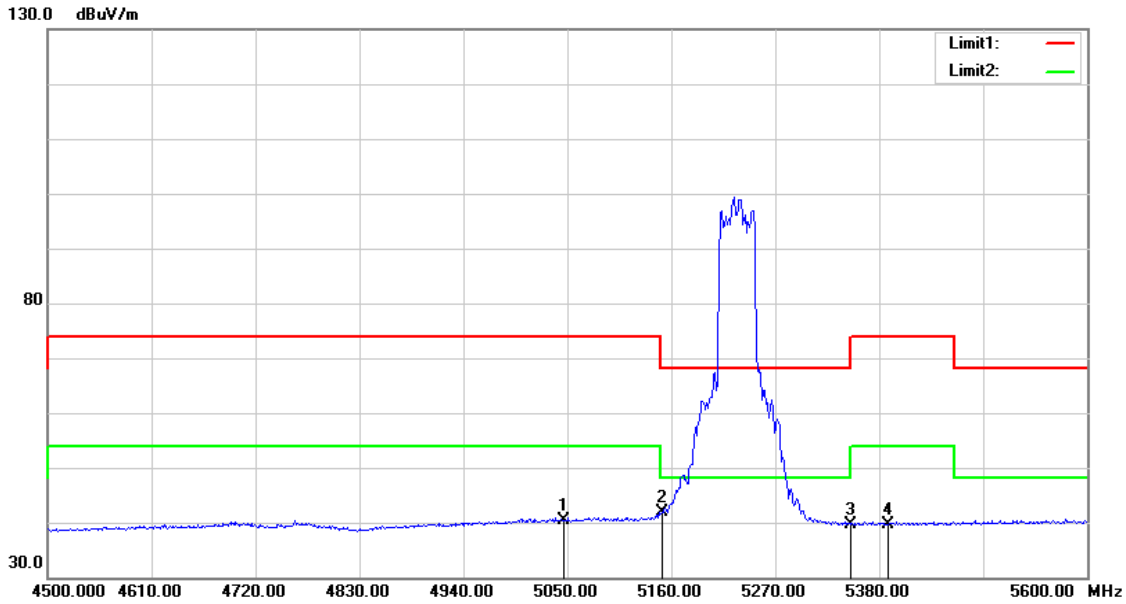
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	42.64	-0.08	42.56	54.00	-11.44	AVG
2	5150.000	43.09	-0.08	43.01	54.00	-10.99	AVG
3	5350.000	40.10	0.30	40.40	54.00	-13.60	AVG
4	5376.700	39.77	0.34	40.11	54.00	-13.89	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 6		
Ant.Polar.:	Vertical		



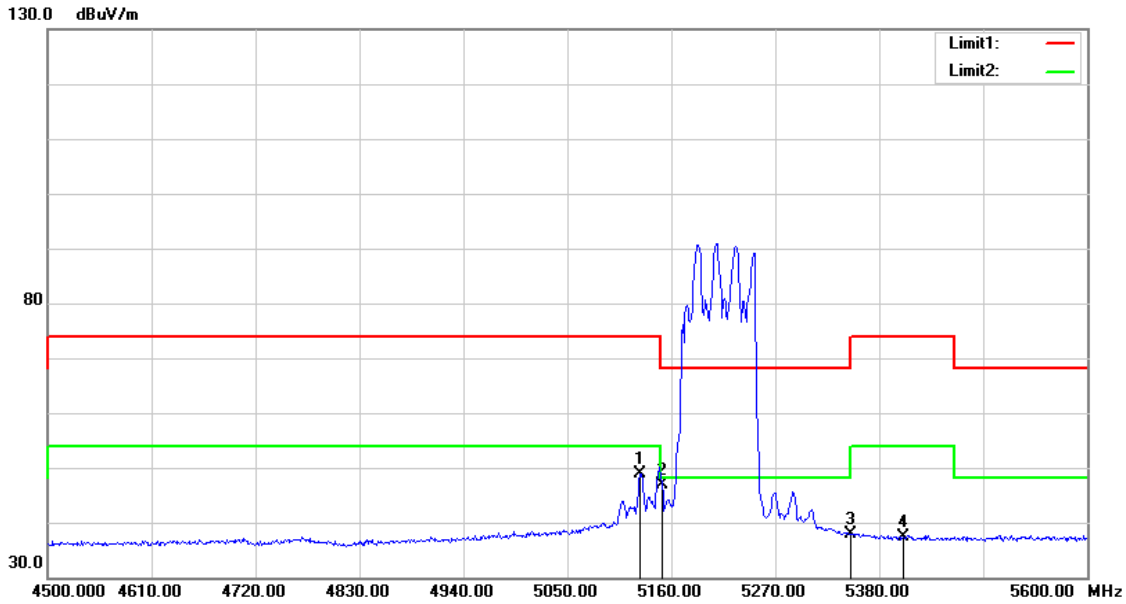
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5046.700	40.72	-0.27	40.45	54.00	-13.55	AVG
2	5150.000	42.06	-0.08	41.98	54.00	-12.02	AVG
3	5350.000	39.40	0.30	39.70	54.00	-14.30	AVG
4	5388.800	39.21	0.36	39.57	54.00	-14.43	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



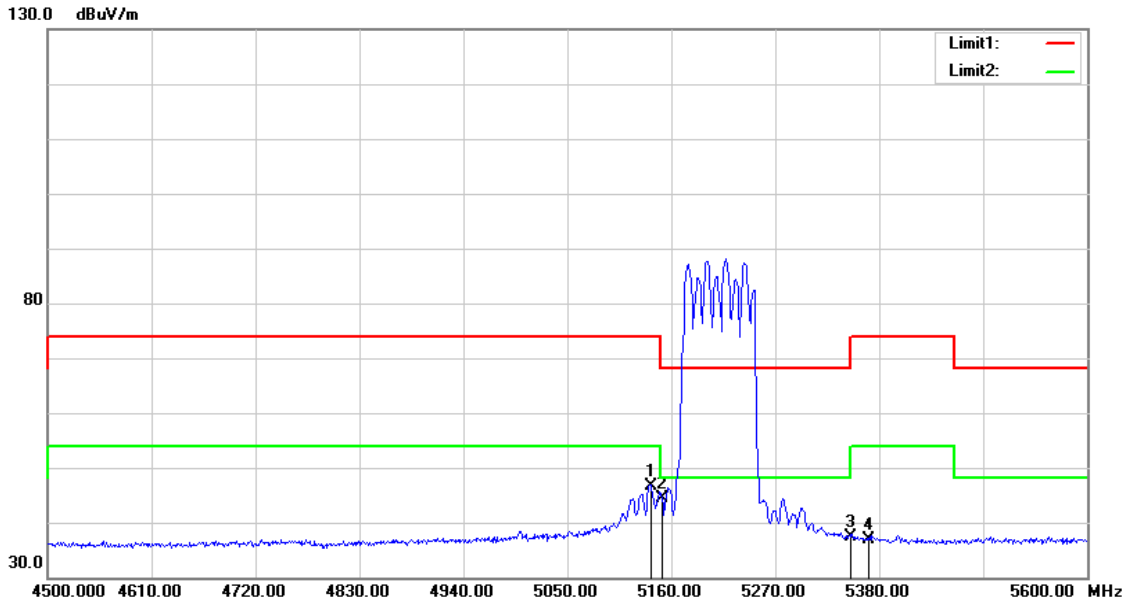
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5127.000	49.06	-0.13	48.93	54.00	-5.07	AVG
2	5150.000	47.04	-0.08	46.96	54.00	-7.04	AVG
3	5350.000	37.56	0.30	37.86	54.00	-16.14	AVG
4	5405.300	36.94	0.40	37.34	54.00	-16.66	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 7		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.000	46.85	-0.10	46.75	54.00	-7.25	AVG
2	5150.000	44.39	-0.08	44.31	54.00	-9.69	AVG
3	5350.000	37.13	0.30	37.43	54.00	-16.57	AVG
4	5369.000	36.54	0.34	36.88	54.00	-17.12	AVG

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

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

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

5.3. Conducted Test Results

Maximum Conducted Output Power Measurement

Test Mode	Frequency (MHz)	RF Power setting in Test Software				Test Software Version
		ANT-0	ANT-1	ANT-2	ANT-3	
Mode 2	5180	14.5	14.5	14.5	14.5	QSPR Version 5.0-00188
	5200	14.5	14.5	14.5	14.5	
	5220	14.5	14.5	14.5	14.5	
	5240	14.5	14.5	14.5	14.5	
	5745	17.5	17.5	17.5	17.5	
	5765	17.5	17.5	17.5	17.5	
	5785	17.5	17.5	17.5	17.5	
	5805	17.5	17.5	17.5	17.5	
	5825	17.5	17.5	17.5	17.5	
Mode 3	5180	16.5	16.5	16.5	16.5	
	5200	16.5	16.5	16.5	16.5	
	5220	16.5	16.5	16.5	16.5	
	5240	16.5	16.5	16.5	16.5	
	5745	17	17	17	17	
	5765	17	17	17	17	
	5785	17	17	17	17	
	5805	17	17	17	17	
	5825	17	17	17	17	
Mode 4	5190	16.5	16.5	16.5	16.5	
	5230	16.5	16.5	16.5	16.5	
	5755	16.5	16.5	16.5	16.5	
	5795	16.5	16.5	16.5	16.5	

Test Mode	Frequency (MHz)	RF Power setting in Test Software				Test Software Version
		ANT-0	ANT-1	ANT-2	ANT-3	
Mode 5	5180	16.5	16.5	16.5	16.5	QSPR Version 5.0-00188
	5200	16.5	16.5	16.5	16.5	
	5220	16.5	16.5	16.5	16.5	
	5240	16.5	16.5	16.5	16.5	
	5745	17	17	17	17	
	5765	17	17	17	17	
	5785	17	17	17	17	
	5805	17	17	17	17	
	5825	17	17	17	17	
Mode 6	5190	16.5	16.5	16.5	16.5	
	5230	16.5	16.5	16.5	16.5	
	5755	16.5	16.5	16.5	16.5	
	5795	16.5	16.5	16.5	16.5	
Mode 7	5210	10.5	10.5	10.5	10.5	
	5775	17	17	17	17	

Maximum Conducted Output Power and Transmit power control Measurement

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode										
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		ANT-0+1+2+3		Limit (dBm)
		Max. Output Power										
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	6 M	16.91	0.049	16.36	0.043	16.69	0.047	15.31	0.034	22.38	0.173	≤ 30.00
5200		16.97	0.050	16.42	0.044	17.01	0.050	15.41	0.035	22.52	0.179	≤ 30.00
5220		16.92	0.049	16.39	0.044	16.96	0.050	15.36	0.034	22.47	0.177	≤ 30.00
5240		17.16	0.052	16.46	0.044	16.91	0.049	15.49	0.035	22.57	0.181	≤ 30.00
5745		19.27	0.085	19.18	0.083	19.76	0.095	18.55	0.072	25.23	0.334	≤ 30.00
5765		19.06	0.081	19.02	0.080	19.72	0.094	18.56	0.072	25.13	0.326	≤ 30.00
5785		19.11	0.081	19.08	0.081	19.79	0.095	18.61	0.073	25.19	0.330	≤ 30.00
5805		19.03	0.080	19.03	0.080	19.73	0.094	18.58	0.072	25.13	0.326	≤ 30.00
5825		19.02	0.080	18.91	0.078	19.71	0.094	18.42	0.070	25.06	0.321	≤ 30.00

Test Mode		Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode										
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		ANT-0+1+2+3		Limit (dBm)
		Max. Output Power										
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	26 M	18.61	0.073	18.18	0.066	18.30	0.068	17.30	0.054	24.14	0.260	≤ 30.00
5200		18.59	0.072	17.99	0.063	18.38	0.069	17.39	0.055	24.13	0.259	≤ 30.00
5220		18.56	0.072	18.07	0.064	18.35	0.068	17.27	0.053	24.11	0.258	≤ 30.00
5240		18.74	0.075	18.04	0.064	18.52	0.071	17.42	0.055	24.23	0.265	≤ 30.00
5745		18.46	0.070	18.23	0.067	18.71	0.074	17.74	0.059	24.32	0.270	≤ 30.00
5765		18.26	0.067	18.17	0.066	18.78	0.076	17.51	0.056	24.22	0.264	≤ 30.00
5785		18.38	0.069	18.27	0.067	18.91	0.078	17.57	0.057	24.33	0.271	≤ 30.00
5805		18.31	0.068	18.14	0.065	18.76	0.075	17.58	0.057	24.24	0.265	≤ 30.00
5825		18.27	0.067	18.16	0.065	18.62	0.073	17.65	0.058	24.21	0.264	≤ 30.00

Test Mode		Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode										
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		ANT-0+1+2+3		Limit (dBm)
		Max. Output Power										
		(dBm	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190	54 M	15.66	0.037	16.02	0.040	16.17	0.041	18.01	0.063	22.59	0.181	≤ 30.00
5230		18.56	0.072	17.91	0.062	18.33	0.068	17.02	0.050	24.01	0.252	≤ 30.00
5755		17.52	0.056	17.60	0.058	18.05	0.064	17.16	0.052	23.61	0.230	≤ 30.00
5795		17.37	0.055	17.49	0.056	18.05	0.064	16.95	0.050	23.50	0.224	≤ 30.00

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

Test Mode		Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode										
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		ANT-0+1+2+3		Limit (dBm)
		Max. Output Power										
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5180	26 M	18.66	0.073	18.29	0.067	18.39	0.069	17.33	0.054	24.22	0.264	≤ 30.00
5200		18.71	0.074	18.11	0.065	18.51	0.071	17.41	0.055	24.23	0.265	≤ 30.00
5220		18.68	0.074	18.09	0.064	18.45	0.070	17.34	0.054	24.19	0.262	≤ 30.00
5240		18.85	0.077	18.13	0.065	18.59	0.072	17.56	0.057	24.33	0.271	≤ 30.00
5745		18.58	0.072	18.36	0.069	18.78	0.076	17.78	0.060	24.41	0.276	≤ 30.00
5765		18.33	0.068	18.23	0.067	18.89	0.077	17.61	0.058	24.31	0.270	≤ 30.00
5785		18.39	0.069	18.29	0.067	18.92	0.078	17.66	0.058	24.36	0.273	≤ 30.00
5805		18.36	0.069	18.25	0.067	18.90	0.078	17.63	0.058	24.33	0.271	≤ 30.00
5825		18.29	0.067	18.17	0.066	18.73	0.075	17.70	0.059	24.26	0.267	≤ 30.00

Test Mode		Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode										
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		ANT-0+1+2+3		Limit (dBm)
		Max. Output Power										
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5190	54 M	15.79	0.038	16.14	0.041	16.31	0.043	18.08	0.064	22.70	0.186	≤ 30.00
5230		18.62	0.073	18.02	0.063	18.43	0.070	17.13	0.052	24.11	0.257	≤ 30.00
5755		17.59	0.057	17.63	0.058	18.11	0.065	17.19	0.052	23.66	0.232	≤ 30.00
5795		17.41	0.055	17.51	0.056	18.07	0.064	16.97	0.050	23.53	0.225	≤ 30.00

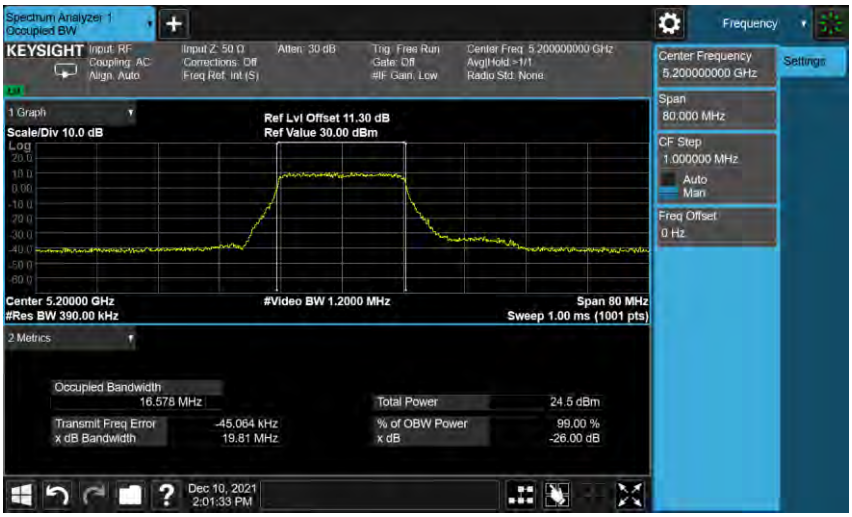
Test Mode		Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode										
Frequency (MHz)	Data Rate	ANT-0		ANT-1		ANT-2		ANT-3		ANT-0+1+2+3		Limit (dBm)
		Max. Output Power										
		(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	(dBm)	(W)	
5210	117.2 M	10.80	0.012	10.76	0.012	11.05	0.013	12.61	0.018	17.40	0.055	≤ 30.00
5775		18.33	0.068	18.37	0.069	18.79	0.076	17.77	0.060	24.35	0.272	≤ 30.00

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

26 dB RF Bandwidth

Test Mode	Frequency (MHz)	ANT-0	ANT-1	ANT-2	ANT-3
		Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)	Measurement Results (MHz)
Mode 2	5180.0	19.850	19.300	19.650	19.410
	5200.0	19.810	19.560	19.280	19.360
	5240.0	19.600	19.780	19.810	19.500
Mode 5	5180.0	20.740	20.460	20.130	20.420
	5200.0	20.600	20.670	20.670	20.430
	5240.0	20.860	21.180	21.020	20.710
Mode 6	5190.0	40.590	39.810	39.940	39.730
	5230.0	39.750	39.550	39.670	39.620
Mode 7	5210.0	83.950	83.830	83.520	84.270

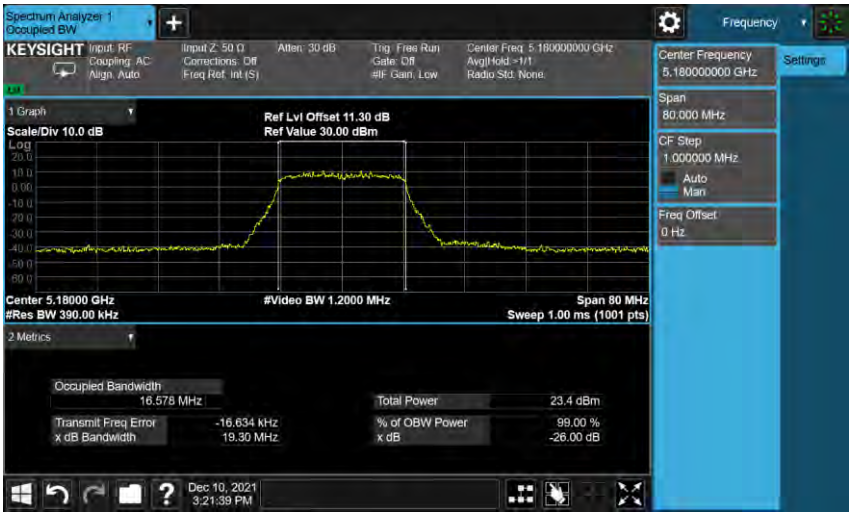
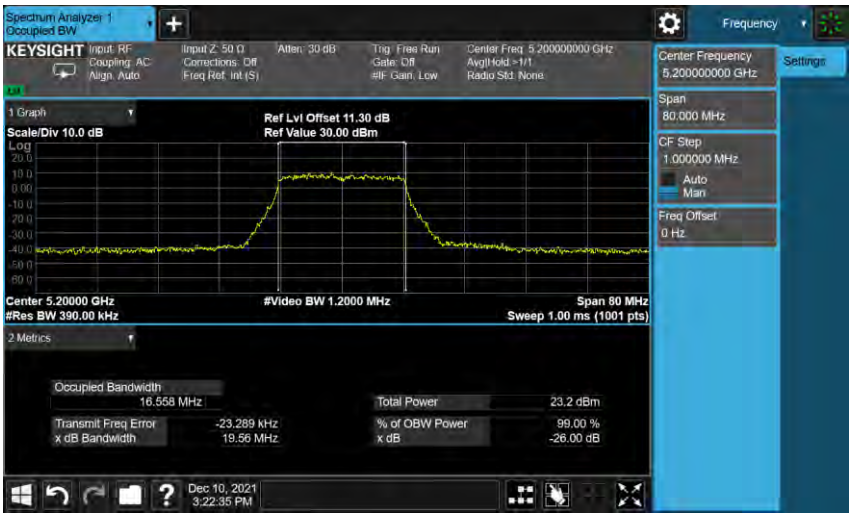
■ **Test Graphs**

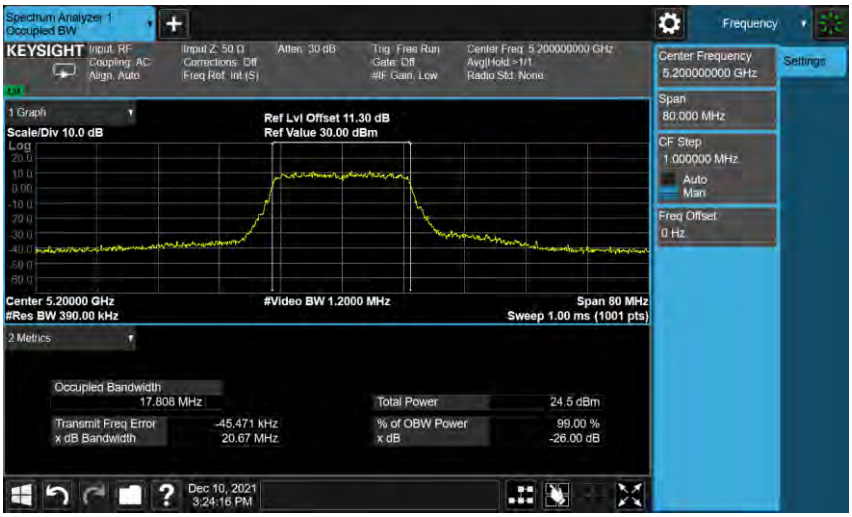
Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0	
5190 MHz	
5230 MHz	

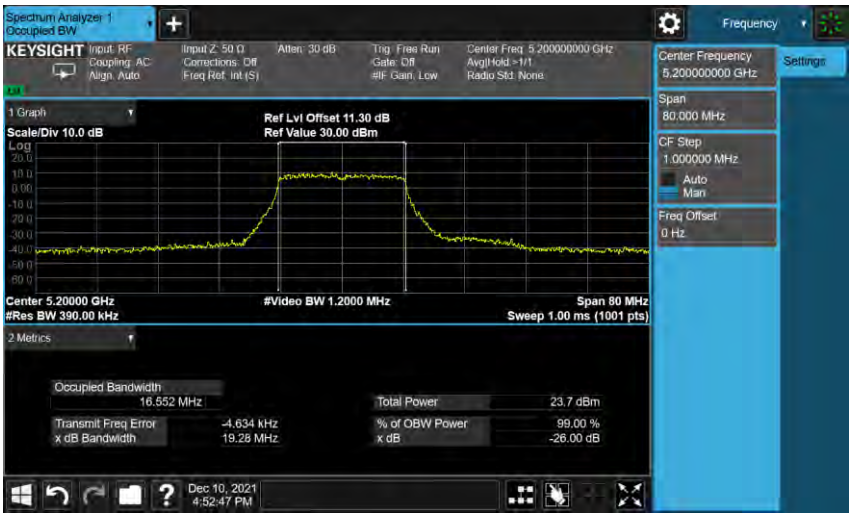
Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-0	
5210 MHz	

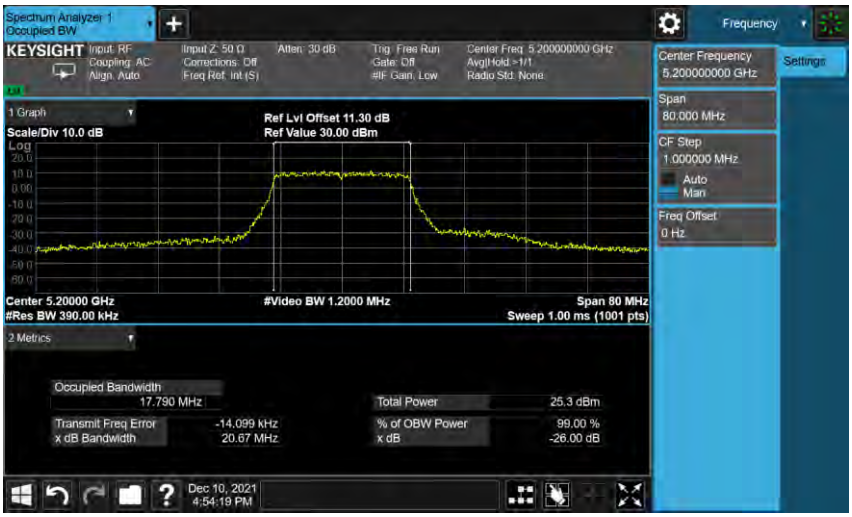
Mode 2: IEEE 802.11a Continuous TX mode_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1	
5190 MHz	
5230 MHz	

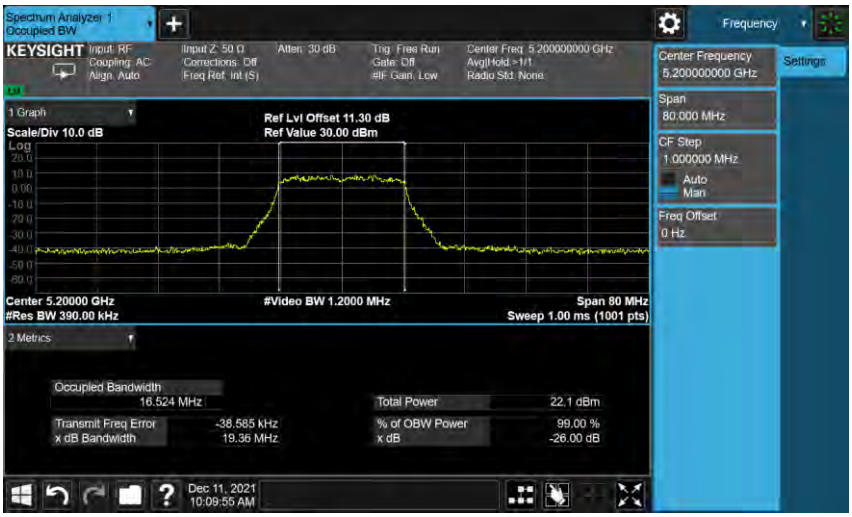
Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-1	
5210 MHz	

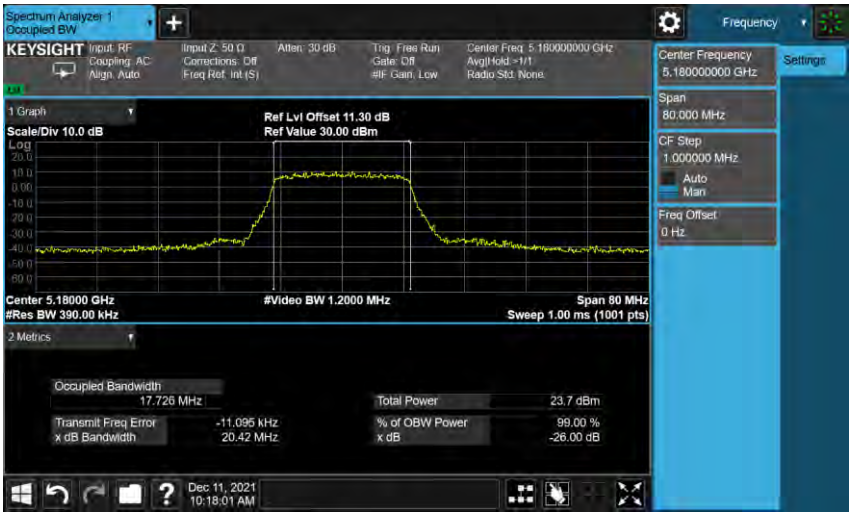
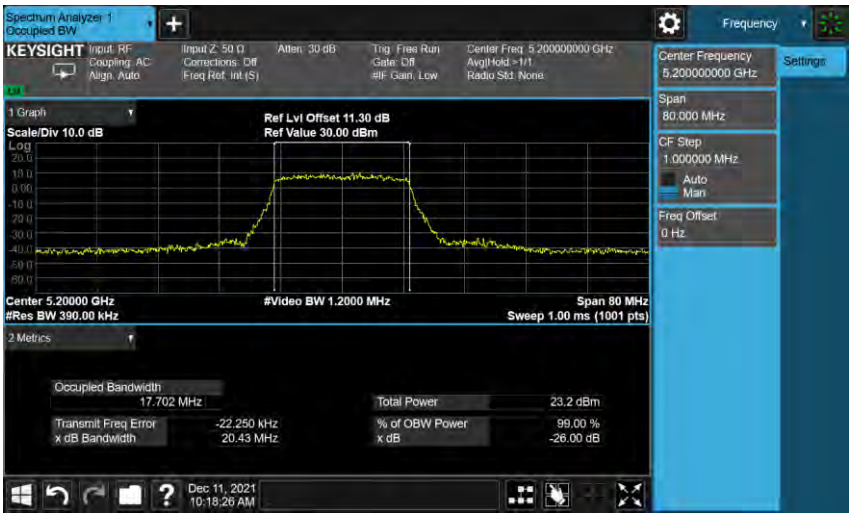
Mode 2: IEEE 802.11a Continuous TX mode_ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-2	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-2	
5190 MHz	
5230 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-2	
5210 MHz	

Mode 2: IEEE 802.11a Continuous TX mode_ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-3	
5180 MHz	
5200 MHz	
5240 MHz	

Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-3	
5190 MHz	
5230 MHz	

Mode 7: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-3	
5210 MHz