RF Test Report

Applicant	:	Kaonbroadband CO., LTD
Product Name	:	WiFi6E XGS-PON Gateway
Trade Name	:	KAON
Model Number	:	PG2494
Applicable Standard	:	FCC 47 CFR PART 15 SUBPART E ANSI C63.10:2013
Received Date	:	Apr. 08, 2022
Test Period	:	Apr. 21 ~ May 14, 2022
Issued Date	:	Jun. 13, 2022

Issued by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade District,
Taoyuan City 334025, Taiwan (R.O.C.)
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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	Jun. 08, 2022	Initial Issue	Snow Wang
01	Jun. 10, 2022	Update chapter 4.8 (P.31~32)	Snow Wang
02	Jun. 13, 2022	Update chapter 4.8 (P.31~32)	Snow Wang

Verification of Compliance

Applicant	:	Kaonbroadband CO., LTD
Product Name	:	WiFi6E XGS-PON Gateway
Trade Name	:	KAON
Model Number	:	PG2494
FCC ID	:	2AXCW-PG2494
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

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

Approved By : Fly Lu

(Fly Lu)

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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 & 99 % Occupied 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	Kaonbroadband CO., LTD 884-3, Seongnam-daero, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea			
Product Name	WiFi6E XGS-PON Gateway			
Trade Name	KAON			
Model Number	PG2494			
FCC ID	2AXCW-PG2494			
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels
	IEEE 802.11a	U-NII Band 1	5180 – 5240	3
		U-NII Band 3	5745 – 5825	3
	IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz/ IEEE 802.11ax 20 MHz	U-NII Band 1	5180 – 5240	3
		U-NII Band 3	5745 – 5825	3
	IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz/ IEEE 802.11ax 40 MHz	U-NII Band 1	5190 – 5230	2
		U-NII Band 3	5755 – 5795	2
	IEEE 802.11ac 80 MHz/ IEEE 802.11ax 80 MHz	U-NII Band 1	5210	1
		U-NII Band 3	5775	1
Modulation Type	OFDM/OFDMA			
Antenna information	Antenna	Model	Type	Max. Gain (dBi)
	ANT-3	SW25DEC100P	Internal PCB Antenna	2.0
	ANT-0/1/2	SW25DEC200P	Internal PCB Antenna	2.0
Antenna Delivery	Reference section 3.1			
Operate Temp. Range	0 ~ 40 ℃			
EUT Power Rating	DC 12 V, 3.33 A			

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

Frequency Band		RF Output Power (W)
IEEE 802.11a	U-NII Band 1	0.379
	U-NII Band 3	0.590
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	0.407
	U-NII Band 3	0.612
IEEE 802.11n 5 GHz 40 MHz	U-NII Band 1	0.138
	U-NII Band 3	0.564
IEEE 802.11ac 20	U-NII Band 1	0.397
	U-NII Band 3	0.562
IEEE 802.11ac 40	U-NII Band 1	0.146
	U-NII Band 3	0.519
IEEE 802.11ac 80 MHz	U-NII Band 1	0.077
	U-NII Band 3	0.509
IEEE 802.11ax 20 MHz	U-NII Band 1	0.417
	U-NII Band 3	0.627
IEEE 802.11ax 40 MHz	U-NII Band 1	0.163
	U-NII Band 3	0.578
IEEE 802.11ax 80 MHz	U-NII Band 1	0.081
	U-NII Band 3	0.537

Beamforming on

Frequency Band		RF Output Power (W)
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	0.404
	U-NII Band 3	0.605
IEEE 802.11n 5 GHz 40 MHz	U-NII Band 1	0.136
	U-NII Band 3	0.556
IEEE 802.11ac 20	U-NII Band 1	0.394
	U-NII Band 3	0.556
IEEE 802.11ac 40	U-NII Band 1	0.144
	U-NII Band 3	0.516
IEEE 802.11ac 80 MHz	U-NII Band 1	0.075
	U-NII Band 3	0.501
IEEE 802.11ax 20 MHz	U-NII Band 1	0.412
	U-NII Band 3	0.621
IEEE 802.11ax 40 MHz	U-NII Band 1	0.161
	U-NII Band 3	0.573
IEEE 802.11ax 80 MHz	U-NII Band 1	0.080
	U-NII Band 3	0.531

3 Test Methodology

3.1. Mode of Operation

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

Test Mode
Mode 1: Transmit mode
Mode 2: IEEE 802.11a Continuous TX Mode
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode
Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode
Mode 5: IEEE 802.11ac 20 MHz Continuous TX Mode
Mode 6: IEEE 802.11ac 40 MHz Continuous TX Mode
Mode 7 IEEE 802.11ac 80 MHz Continuous TX Mode
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode
Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode

Final-Test Mode
Mode 1: Transmit mode
Mode 2: IEEE 802.11a Continuous TX mode
Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode
Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode
Mode 10: IEEE 802.11ax 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: This product supports normal mode and Beamforming on mode. According to power table, the normal mode is worst power. So, normal mode has to test and record results for Conducted.

Note 2: Investigation has been done on all the possible configurations for searching the worst cases (HE20/HE40/HE80 covers HT20/HT40/VHT20/VHT40/VHT80). The table is a list of the test modes show in this test report.

Note 3: IEEE 802.11ax test results only support Full RU。

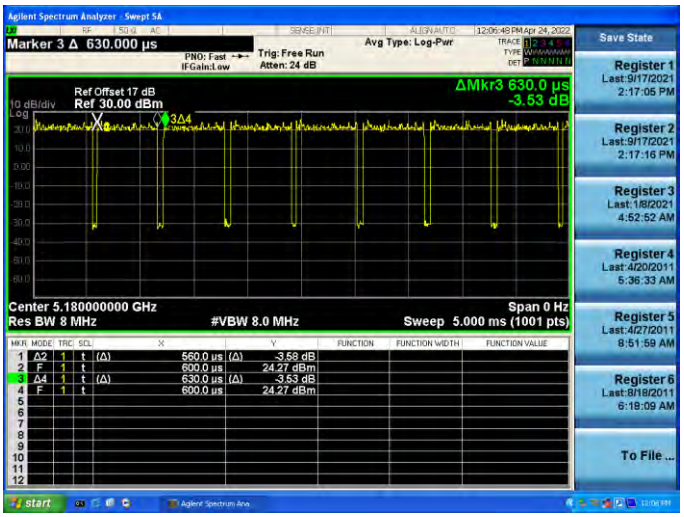
Test Mode	ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3
Mode 2	V	V	V	V	V
Mode 3	V	V	V	V	V
Mode 4	V	V	V	V	V
Mode 5	V	V	V	V	V
Mode 6	V	V	V	V	V
Mode 7	V	V	V	V	V
Mode 8	V	V	V	V	V
Mode 9	V	V	V	V	V
Mode 10	V	V	V	V	V

Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 2	4TX (CDD)	6	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
Mode 3	4TX (CDD/Beamforming on)	26	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
Mode 4	4TX (CDD/Beamforming on)	54	U-NII Band 1	38, 46
			U-NII Band 3	151,159
Mode 5	4TX (CDD/Beamforming on)	26	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
Mode 6	4TX (CDD/Beamforming on)	54	U-NII Band 1	38, 46
			U-NII Band 3	151,159
Mode 7	4TX (CDD/Beamforming on)	117.2	U-NII Band 1	42
			U-NII Band 3	155
Mode 8	4TX (CDD/Beamforming on)	MCS0	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
Mode 9	4TX (CDD/Beamforming on)	MCS0	U-NII Band 1	38, 46
			U-NII Band 3	151,159
Mode 10	4TX (CDD/Beamforming on)	MCS0	U-NII Band 1	42
			U-NII Band 3	155

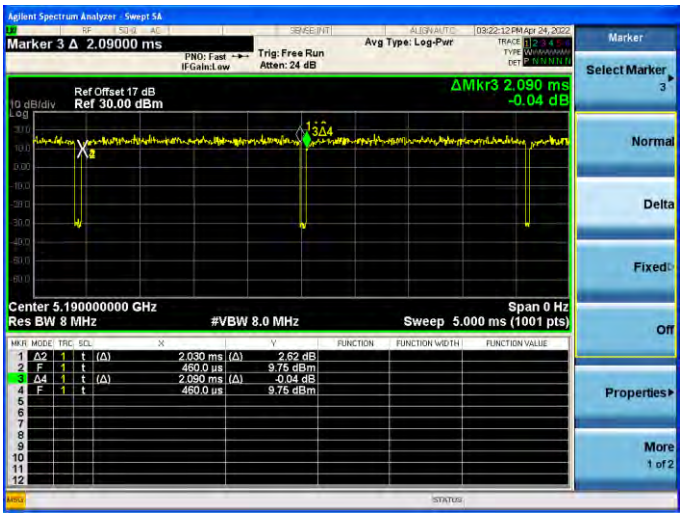
Duty cycle

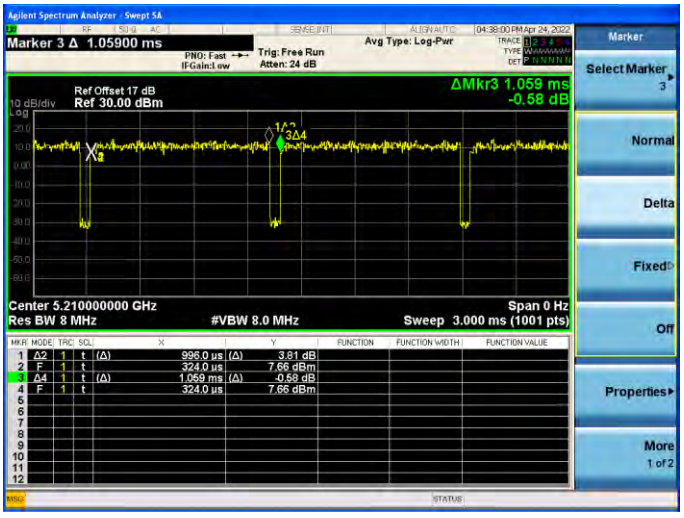
Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	5180	0.560	0.630	0.889	0.512	1.786
Mode 8	5180	4.010	4.060	0.988	0.054	0.010
Mode 9	5190	2.030	2.090	0.971	0.127	0.493
Mode 10	5210	0.996	1.059	0.941	0.266	1.004

Duty Cycle Graphs

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

Mode 8: IEEE 802.11ax 20 MHz Continuous TX Mode	
On+off time	

Mode 9: IEEE 802.11ax 40 MHz Continuous TX Mode	
On+off time	

Mode 10: IEEE 802.11ax 80 MHz Continuous TX Mode	
On+off time	

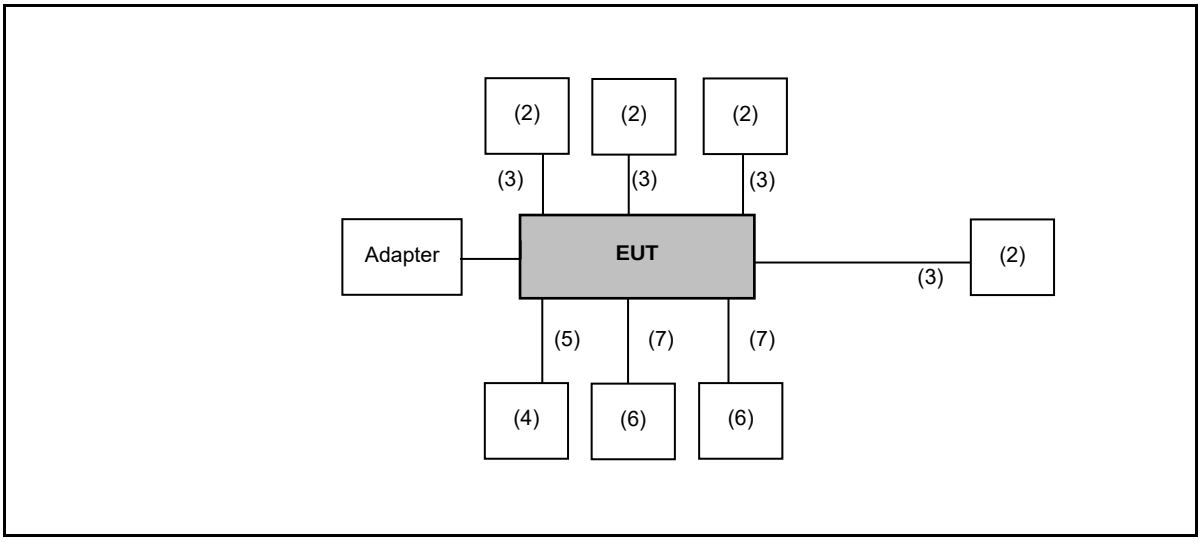
3.2. EUT Test Step

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.

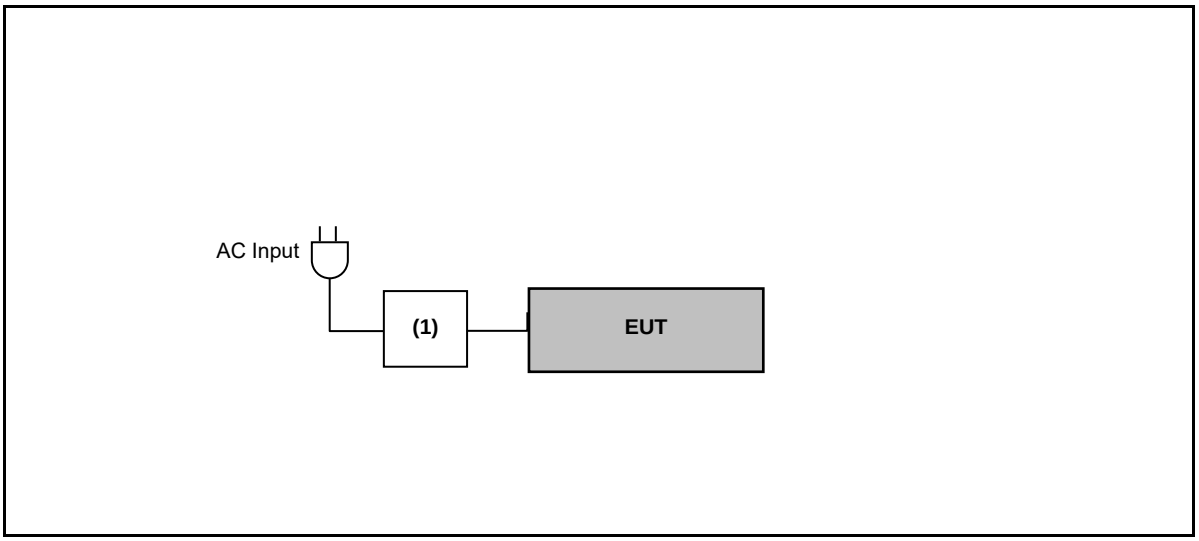
1.	Setup the EUT shown on “Configuration of Test System Details”.
2.	Turn on the power of all equipment.
3.	Turn on TX function.
4.	EUT run test program.

3.3. Configuration of Test System Details

Conduction Emission



Radiated Emission



Devices Description					
Product		Manufacturer	Model Number	Serial Number	Power Cord
(1)	Notebook	ASUS	UX410UQ	---	---
(2)	Notebook	ASUS	P1448U	---	---
(3)	LAN Cable	TATUNG	CAT6E	---	---
(4)	HDD	Transcend	TS1TSJ25A3K-RU	---	---
(5)	USB Cable	Transcend	TS1TSJ25A3K-RU	---	---
(6)	Telephone	TENTEL	K-762	---	---
(7)	RJ11	TENTEL	K-762	---	---

3.4. Test Instruments

For Conducted Emission
Test Period: May 14, 2022
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	Apr. 06, 2022	1 year
☒	LISN	R&S	ENV216	101041	Apr. 15, 2022	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.	---

For Conducted
Test Period: Apr. 28 ~ May 12, 2022
Testing Engineer: Brian Lin

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. 16, 2022	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
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	Jan. 05, 2022	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	Jan. 19, 2022	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: Apr. 21 ~ 24, 2022
Testing Engineer: Louis Shen, Marc Yeh

Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9010A	MY52221312	Jan. 13, 2022	1 year
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	Jan. 05, 2022	1 year
☐	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	Jan. 14, 2022	1 year
☐	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A10961	Jul. 06, 2021	1 year
☒	Preamplifier (10k Hz~3000 MHz)	EMCI	EMC001330	980862	Nov. 30, 2021	1 year
☐	Amplifier (1 GHz~26.5 GHz)	Agilent	8449B	3008A02237	Oct. 21, 2021	1 year
☒	Pre Amplifier (1~26.5 GHz)	Agilent	8449B	3008A02455	Jul. 12, 2021	1 year
☐	Preamplifier (1 GHz~26.5 GHz)	EMCI	EMC012645SE	980289	Jan. 13, 2022	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
☒	Microwave Cable	EMCI	EMC104-SM-SM-13000	170814	Feb. 18, 2022	1 year
☒	Microwave Cable	SUHNER	suflex104	313229/4	Fed. 18, 2022	1 year
☐	Microwave Cable	EMCI	EMC102-KM-KM-14000	151001	Feb. 18, 2022	1 year

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

Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Cable	EMCI	EMCCFD400-NM-NM-6000	210902	Feb. 18, 2022	1 year
☐	RF Cable (30-1000 MHz)	EMCI	EMC104-N-N-2000	TE01-2	Feb. 18, 2022	1 year
☐	RF Cable (30-1000 MHz)	EMCI	EMC104-N-N-6000	TE01-1	Feb. 18, 2022	1 year
☐	RF Cable (30-1000 MHz)	EMCI	EMC 106-SM-NM-1000	171219 (TE01-3)	Feb. 18, 2022	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	Jan. 19, 2022	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

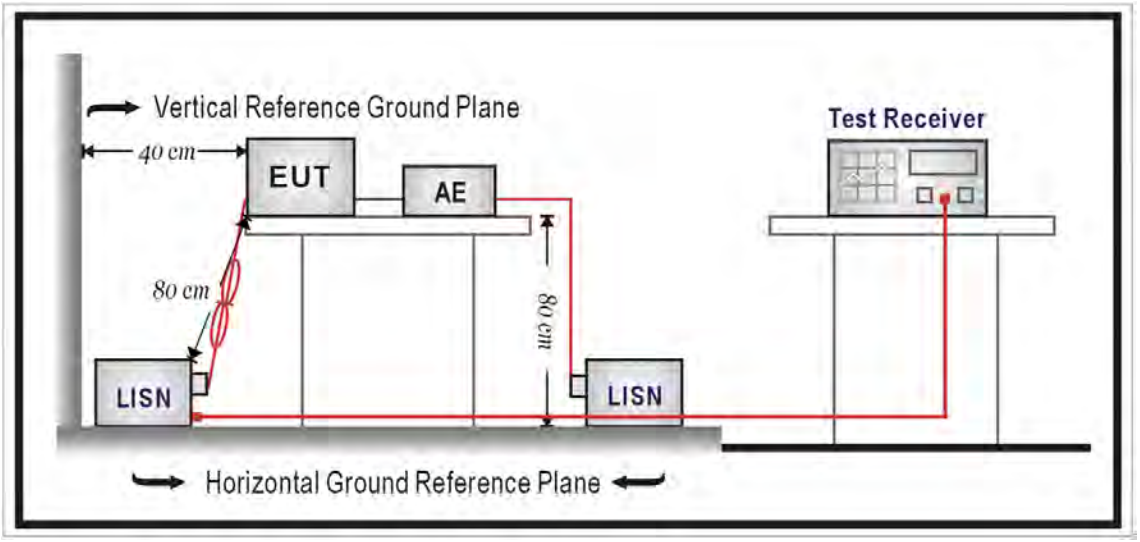
4 Measurement Procedure

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

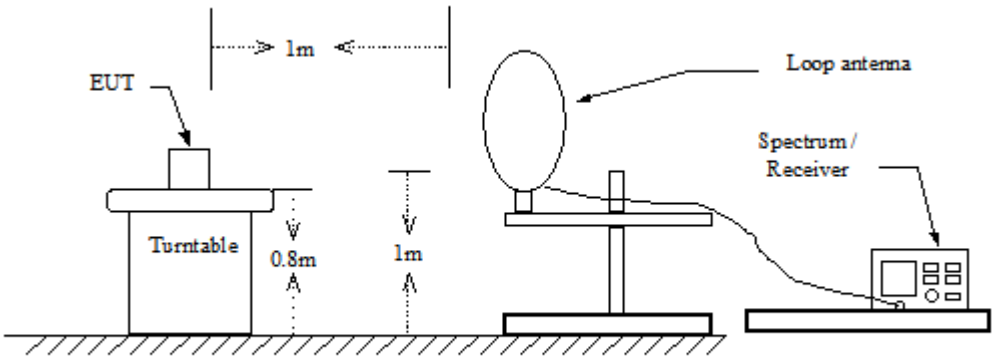
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

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

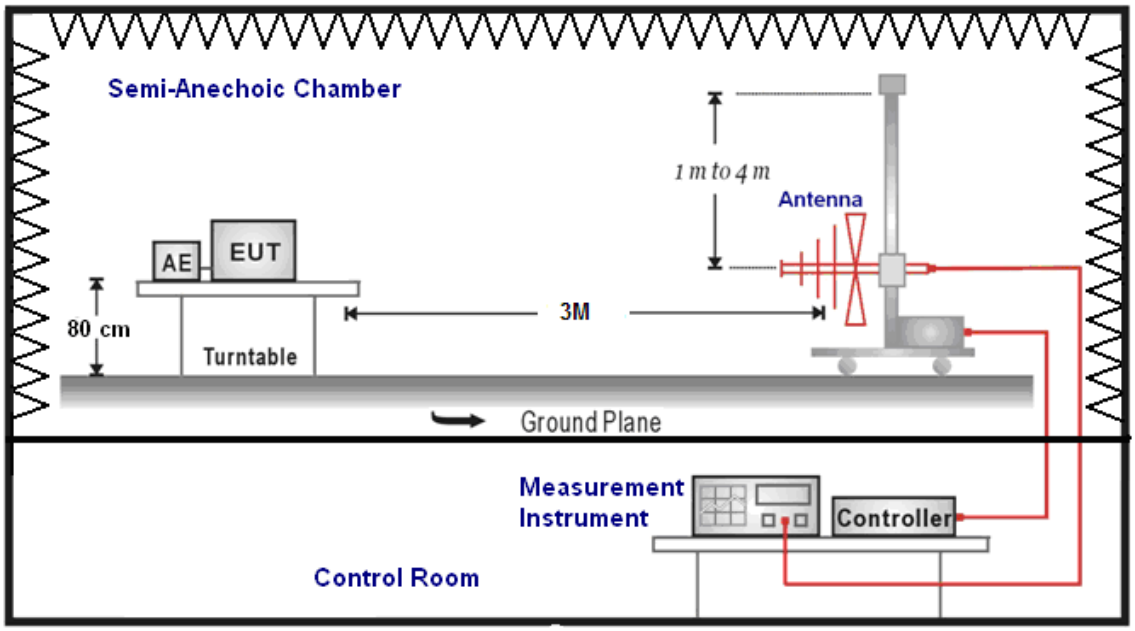
Note: 1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed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

■ **Setup**

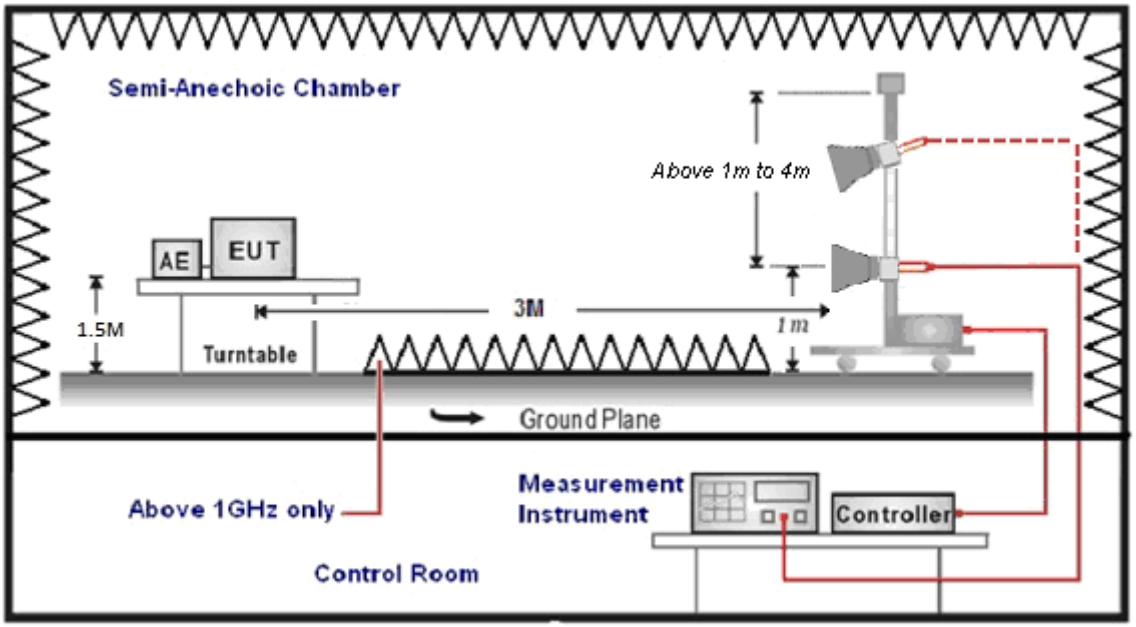
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz


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

■ **Test Procedure**

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

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

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

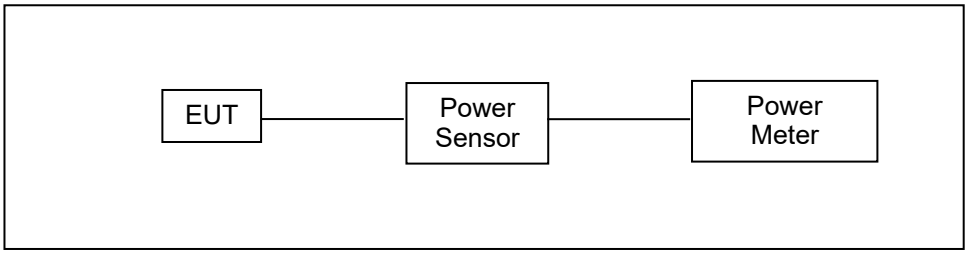
4.3. Maximum Conducted Output Power Measurement

■ **Limit**

Frequency Range (MHz)	FCC Maximum Conducted Output Power Limit
	Master
5.150 ~ 5.250 GHz	The lesser of 1 W (30 dBm)
5.725 ~ 5.850 GHz	The lesser of 1 W (30 dBm)

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

■ **Test Setup**



■ **Test Procedure**

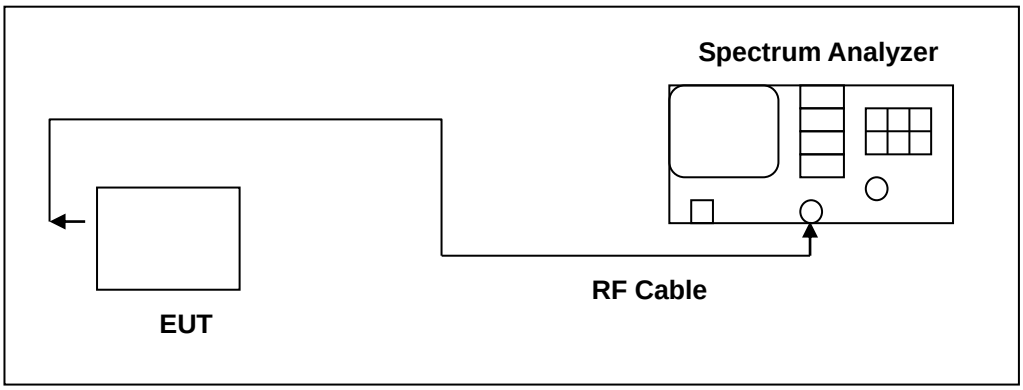
The test is performed in accordance with ANSI C63.10:2013 section 12.3.3.2, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices
Section (E) Maximum Conducted Output Power
3. Measurement using a Power Meter (PM)
b) Method PM-G (Measurement using a gated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

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

■ **Limit**

N/A

■ **Test Setup**



■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.4, 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

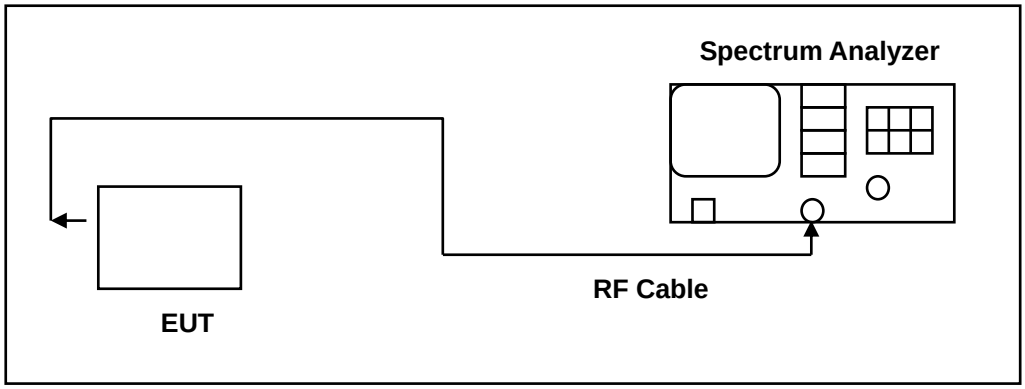
4.5. 6 dB RF Bandwidth Measurement

■ **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.

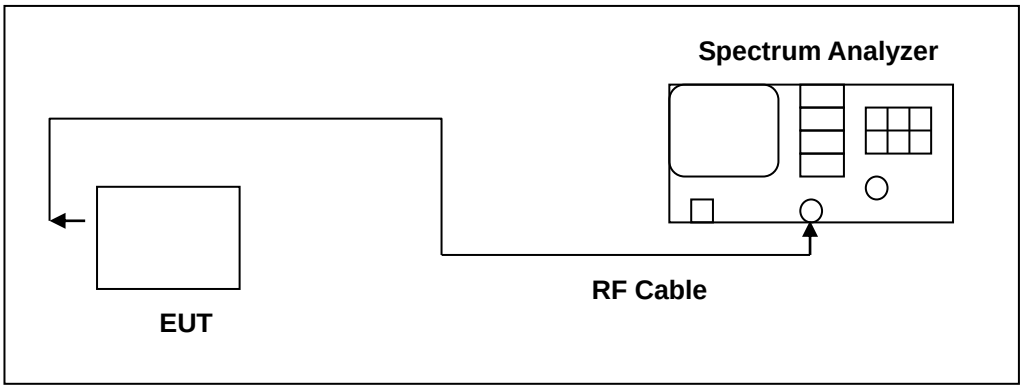
4.6. Maximum Power Spectral Density Measurement

■ **Limit**

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

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

■ **Test Setup**



■ **Test Procedure**

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

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

4.7. Automatically discontinue transmission

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

- **Declare**

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

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

4.8. Antenna Requirement

- **Limit**

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

- **Antenna Connector Construction**

See section 2 – antenna information.

■ **Directional Gain Calculated**

For Maximum Conducted Output Power

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

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band 1	2
	U-NII Band 3	2
IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz/ IEEE 802.11ax 20 MHz	U-NII Band 1	2
	U-NII Band 3	2
IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz/ IEEE 802.11ax 40 MHz	U-NII Band 1	2
	U-NII Band 3	2
IEEE 802.11ac 80 MHz/ IEEE 802.11ax 80 MHz	U-NII Band 1	2
	U-NII Band 3	2

For Maximum Power Density

Directional Gain = GANT + Array Gain

Array Gain is the actual measurement.

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band 1	4.81
	U-NII Band 3	4.81
IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz/ IEEE 802.11ax 20 MHz	U-NII Band 1	4.81
	U-NII Band 3	4.81
IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz/ IEEE 802.11ax 40 MHz	U-NII Band 1	4.81
	U-NII Band 3	4.81
IEEE 802.11ac 80 MHz/ IEEE 802.11ax 80 MHz	U-NII Band 1	4.81
	U-NII Band 3	4.81

Beamforming on

For Maximum Conducted Output Power

Directional Gain = GANT + Array Gain

Array Gain is the actual measurement.

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz/ IEEE 802.11ax 20 MHz	U-NII Band 1	4.81
	U-NII Band 3	4.81
IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz/ IEEE 802.11ax 40 MHz	U-NII Band 1	4.81
	U-NII Band 3	4.81
IEEE 802.11ac 80 MHz/ IEEE 802.11ax 80 MHz	U-NII Band 1	4.81
	U-NII Band 3	4.81

For Maximum Power Density

Directional Gain = GANT + Array Gain

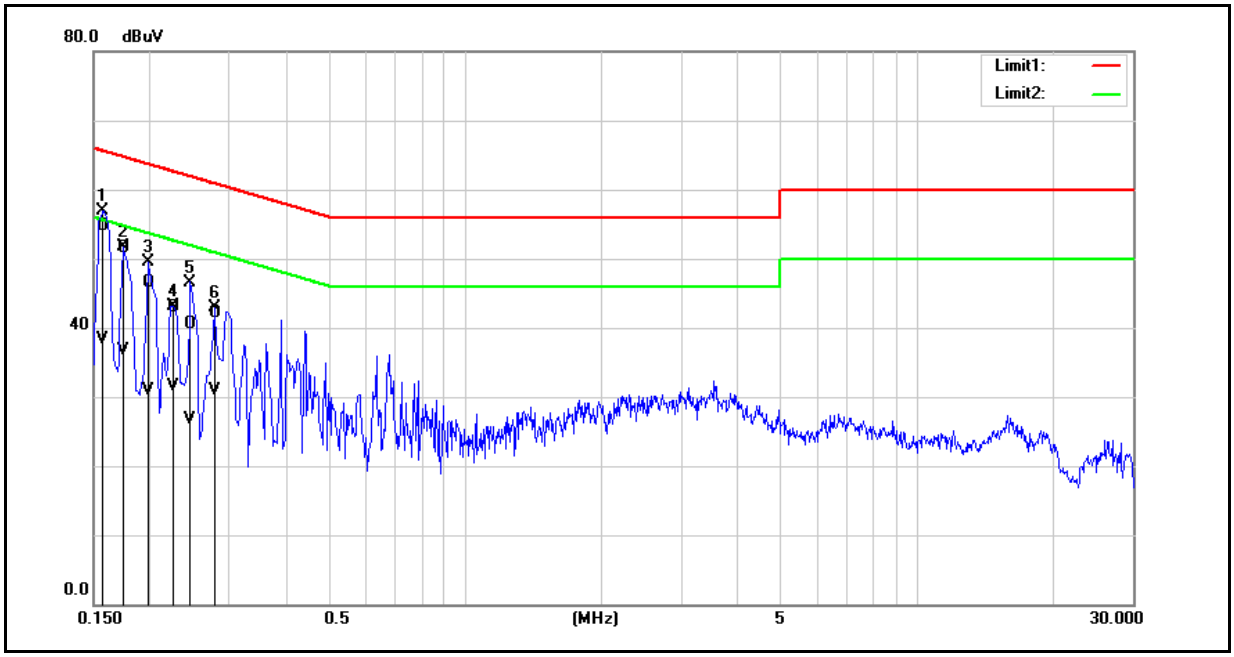
Array Gain is the actual measurement.

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz/ IEEE 802.11ax 20 MHz	U-NII Band 1	4.81
	U-NII Band 3	4.81
IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz/ IEEE 802.11ax 40 MHz	U-NII Band 1	4.81
	U-NII Band 3	4.81
IEEE 802.11ac 80 MHz/ IEEE 802.11ax 80 MHz	U-NII Band 1	4.81
	U-NII Band 3	4.81

5 Test Results

5.1 Conducted Emission

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

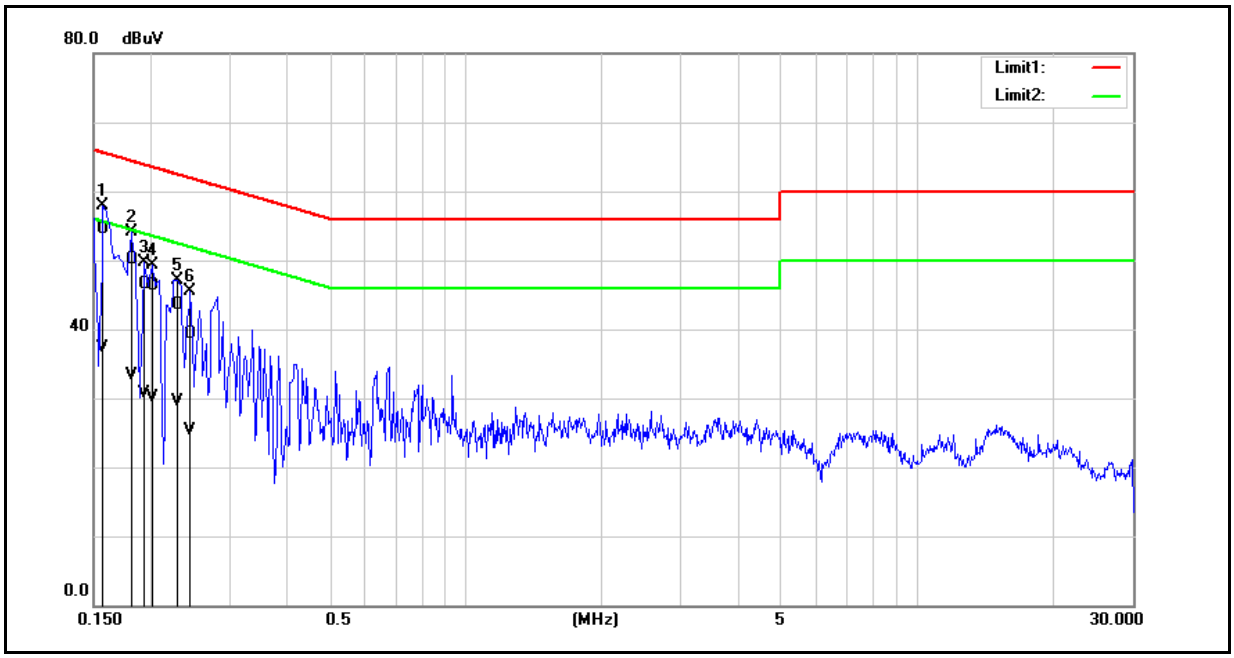


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1580	45.17	28.76	9.60	54.77	38.36	65.57	55.57	-10.80	-17.21	Pass
2	0.1740	41.94	27.07	9.60	51.54	36.67	64.77	54.77	-13.23	-18.10	Pass
3	0.1980	36.99	21.36	9.60	46.59	30.96	63.69	53.69	-17.10	-22.73	Pass
4	0.2260	33.38	21.81	9.60	42.98	31.41	62.60	52.60	-19.62	-21.19	Pass
5	0.2460	30.96	17.19	9.60	40.56	26.79	61.89	51.89	-21.33	-25.10	Pass
6	0.2780	32.42	21.35	9.60	42.02	30.95	60.88	50.88	-18.86	-19.93	Pass

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

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

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1580	44.80	27.70	9.66	54.46	37.36	65.57	55.57	-11.11	-18.21	Pass
2	0.1820	40.38	23.67	9.66	50.04	33.33	64.39	54.39	-14.35	-21.06	Pass
3	0.1940	36.81	21.03	9.66	46.47	30.69	63.86	53.86	-17.39	-23.17	Pass
4	0.2020	36.69	20.44	9.66	46.35	30.10	63.53	53.53	-17.18	-23.43	Pass
5	0.2300	33.93	19.83	9.66	43.59	29.49	62.45	52.45	-18.86	-22.96	Pass
6	0.2460	29.70	15.74	9.66	39.36	25.40	61.89	51.89	-22.53	-26.49	Pass

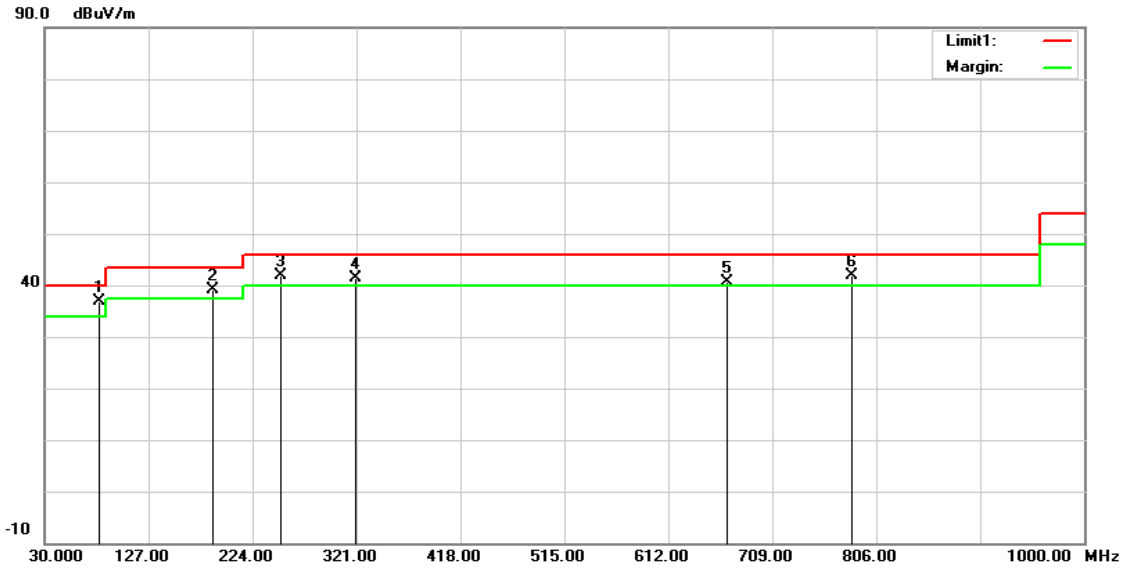
Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

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:	3 m
Test item:	Radiated Emission		
Frequency:	5500 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



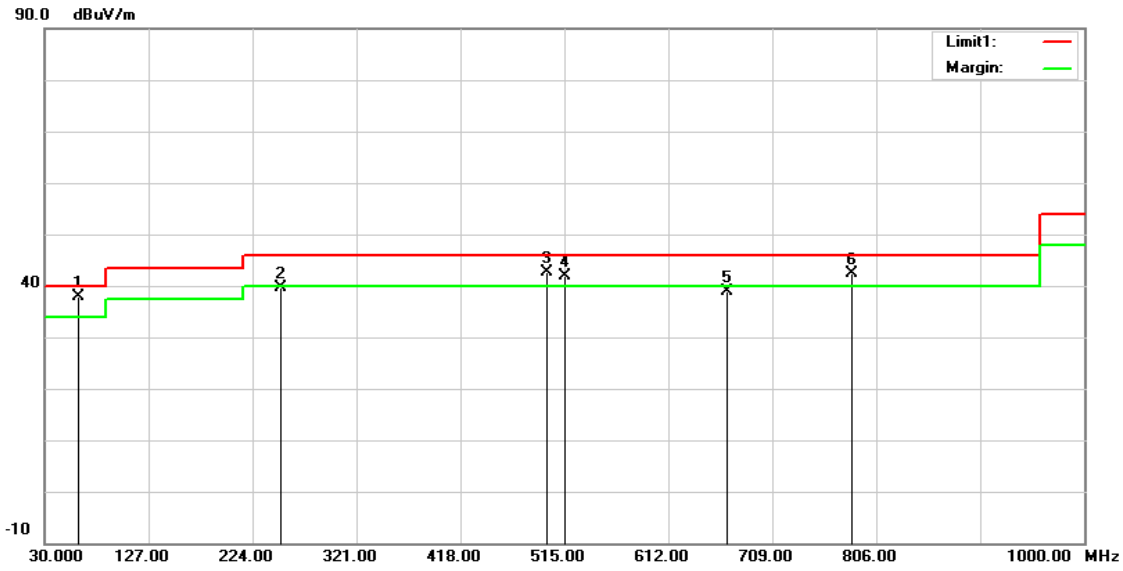
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	81.4100	52.47	-15.54	36.93	40.00	-3.07	QP
2	187.1400	51.76	-12.65	39.11	43.50	-4.39	QP
3	250.1900	53.14	-11.36	41.78	46.00	-4.22	QP
4	320.0300	50.42	-9.11	41.31	46.00	-4.69	QP
5	666.3200	41.85	-1.29	40.56	46.00	-5.44	QP
6	783.6900	41.34	0.66	42.00	46.00	-4.00	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:	3 m
Test item:	Radiated Emission		
Frequency:	5500 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	62.0100	49.35	-11.52	37.83	40.00	-2.17	QP
2	250.1900	51.06	-11.36	39.70	46.00	-6.30	QP
3	498.5100	47.23	-4.54	42.69	46.00	-3.31	QP
4	515.0000	46.18	-4.29	41.89	46.00	-4.11	QP
5	666.3200	40.06	-1.29	38.77	46.00	-7.23	QP
6	783.6900	41.83	0.66	42.49	46.00	-3.51	QP

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

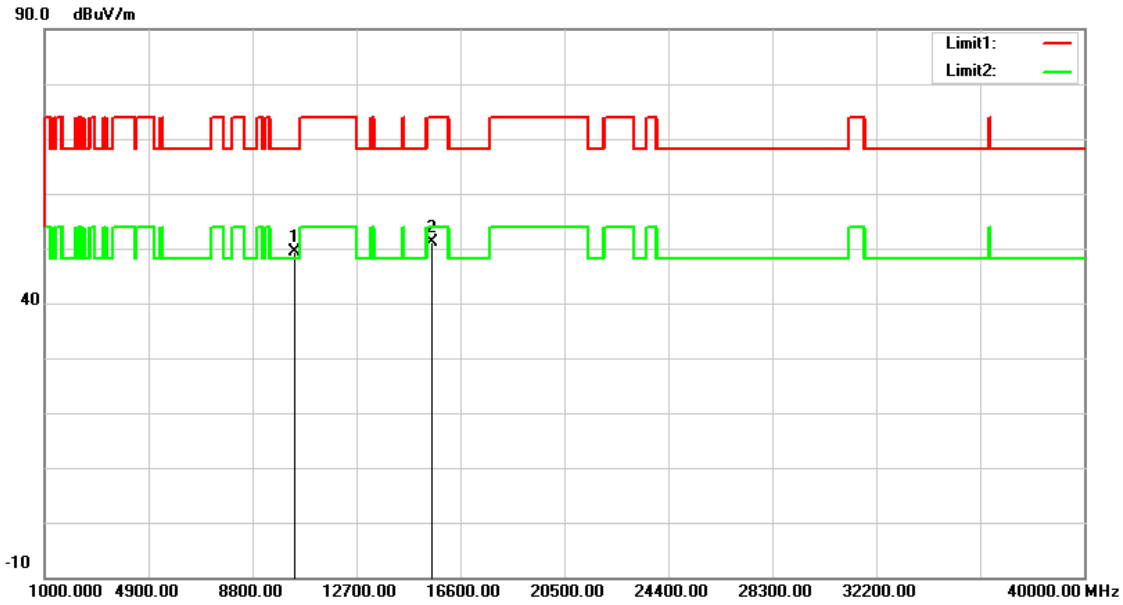
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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		



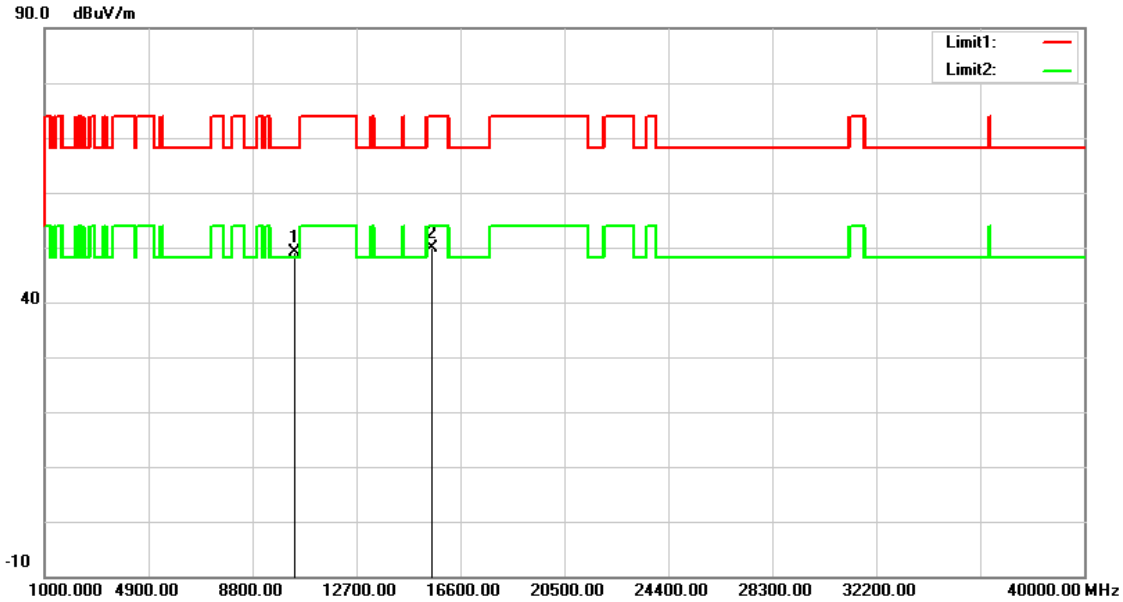
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	32.45	16.87	49.32	68.20	-18.88	peak
2	15540.000	32.50	18.51	51.01	74.00	-22.99	peak

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:	5180 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



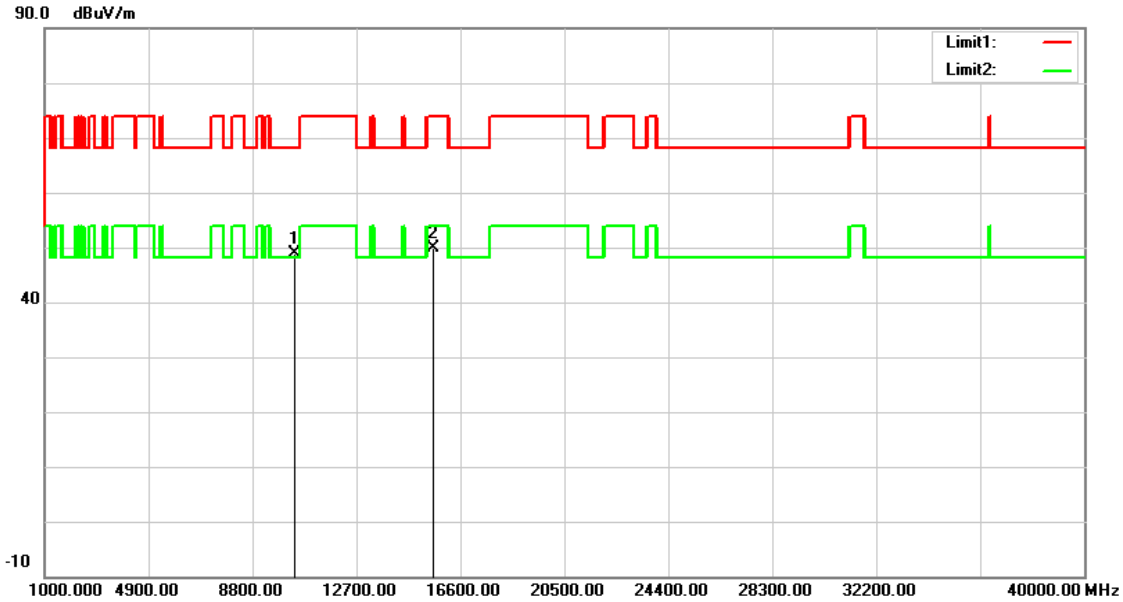
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	32.22	16.87	49.09	68.20	-19.11	peak
2	15540.000	31.27	18.51	49.78	74.00	-24.22	peak

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:	5200 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



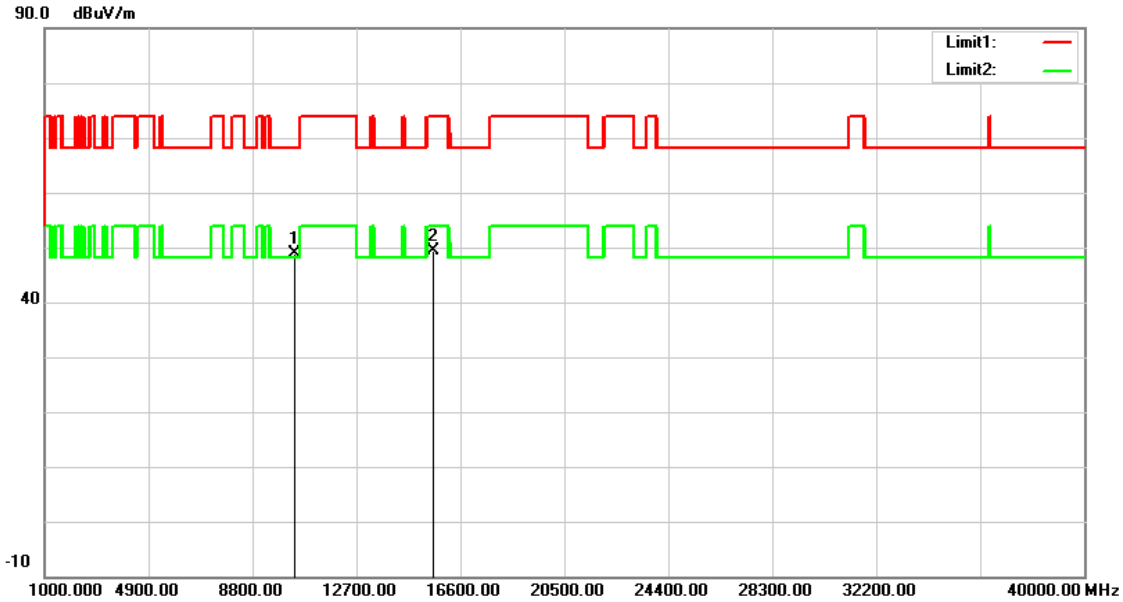
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	31.85	16.95	48.80	68.20	-19.40	peak
2	15600.000	31.41	18.35	49.76	74.00	-24.24	peak

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

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

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

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



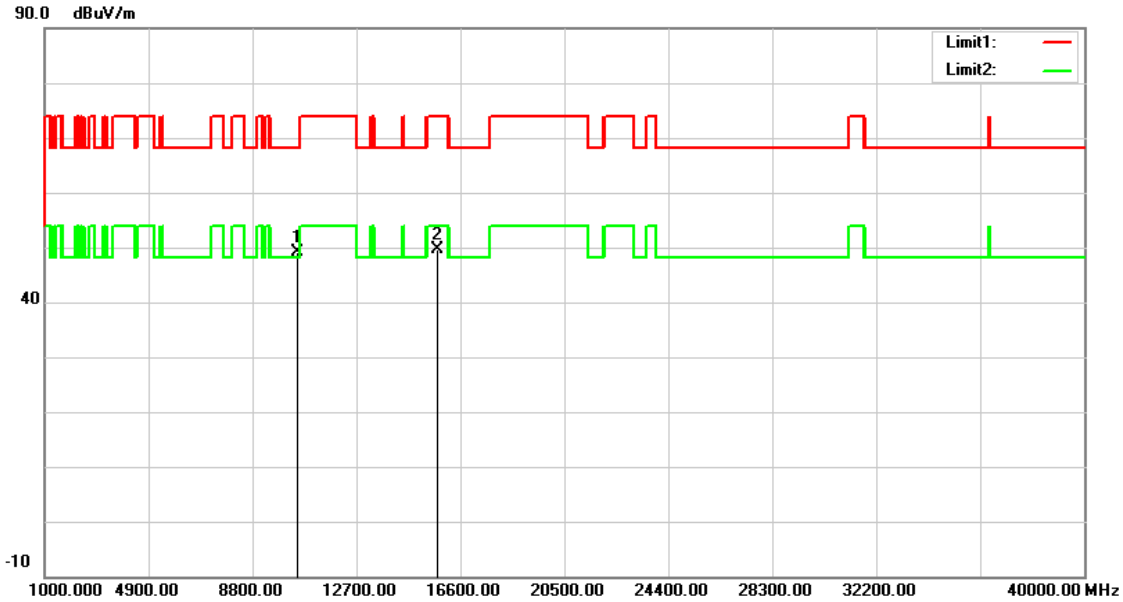
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	31.81	16.95	48.76	68.20	-19.44	peak
2	15600.000	31.08	18.35	49.43	74.00	-24.57	peak

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:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



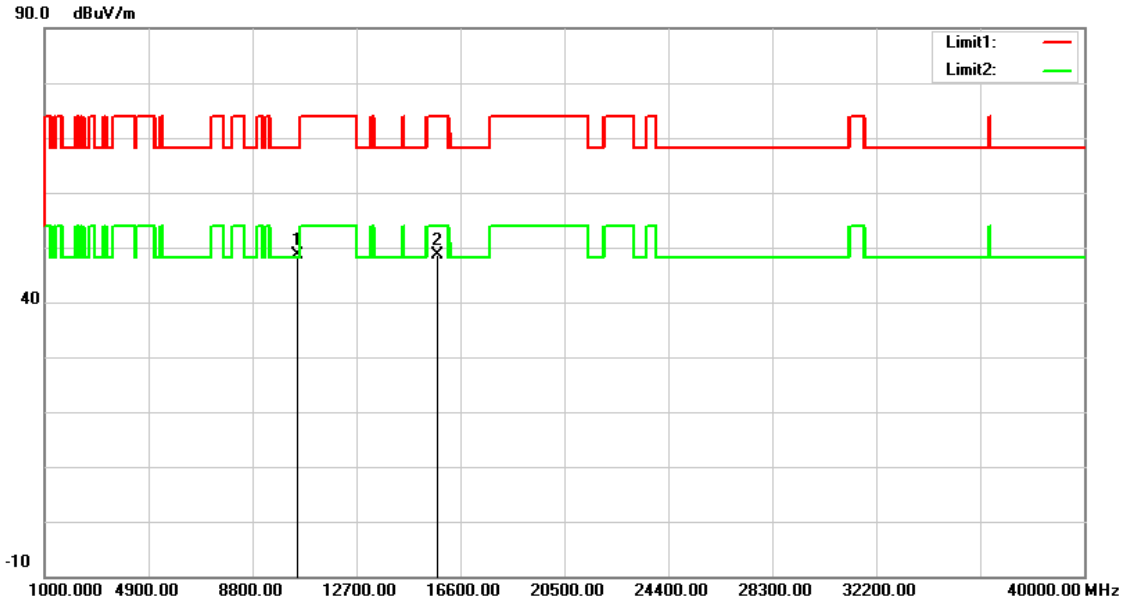
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	32.11	17.12	49.23	68.20	-18.97	peak
2	15720.000	31.58	18.00	49.58	74.00	-24.42	peak

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

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

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

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



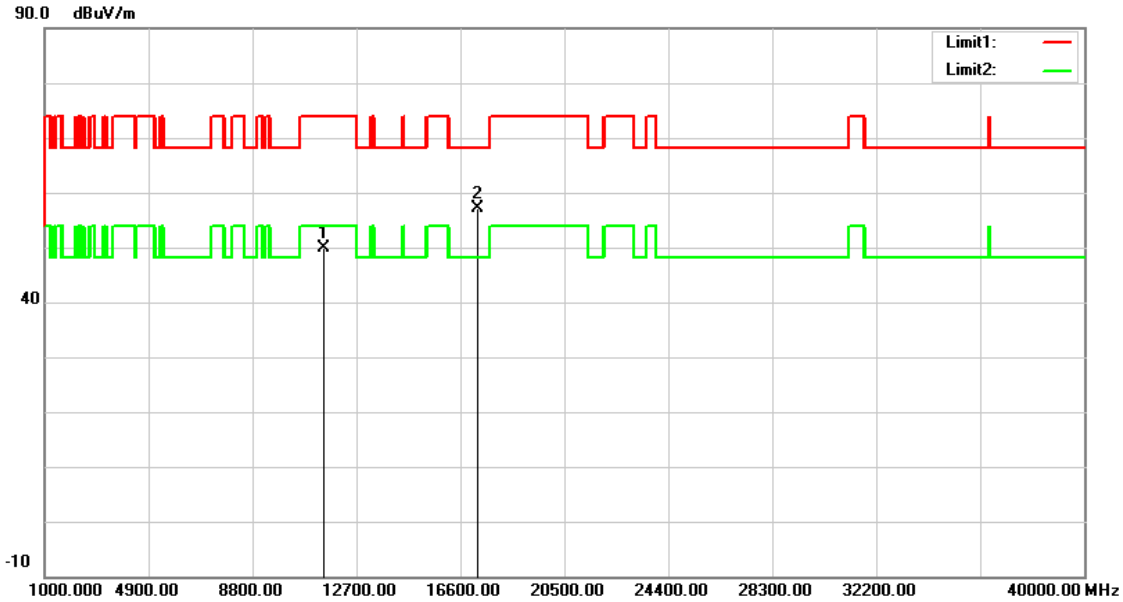
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	31.59	17.12	48.71	68.20	-19.49	peak
2	15720.000	30.67	18.00	48.67	74.00	-25.33	peak

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

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

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

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



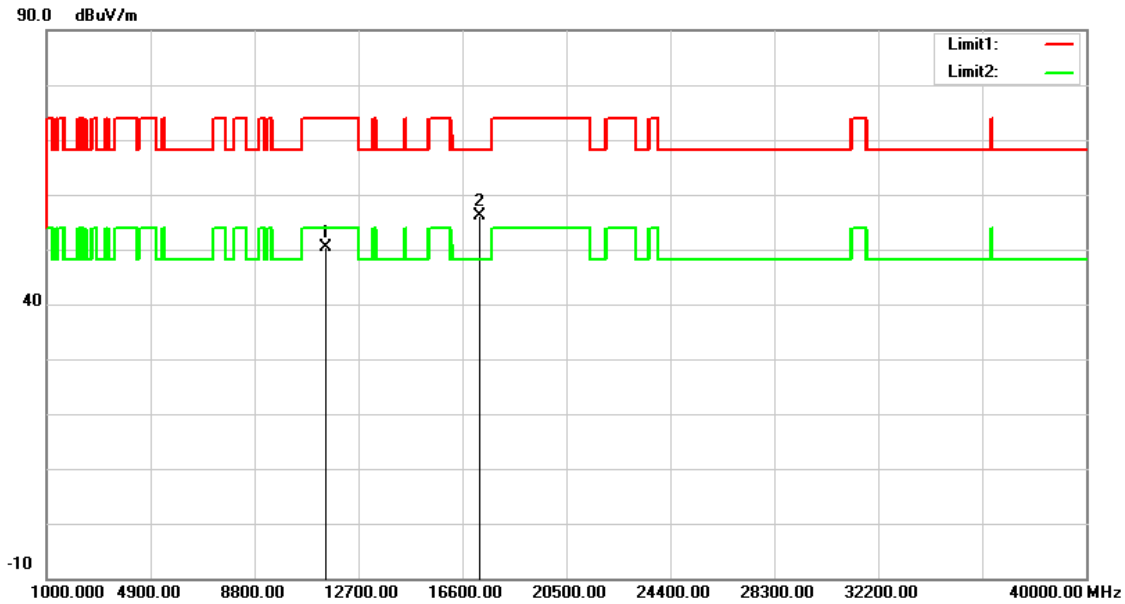
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	31.47	18.50	49.97	74.00	-24.03	peak
2	17235.000	32.77	24.29	57.06	68.20	-11.14	peak

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:	5745 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



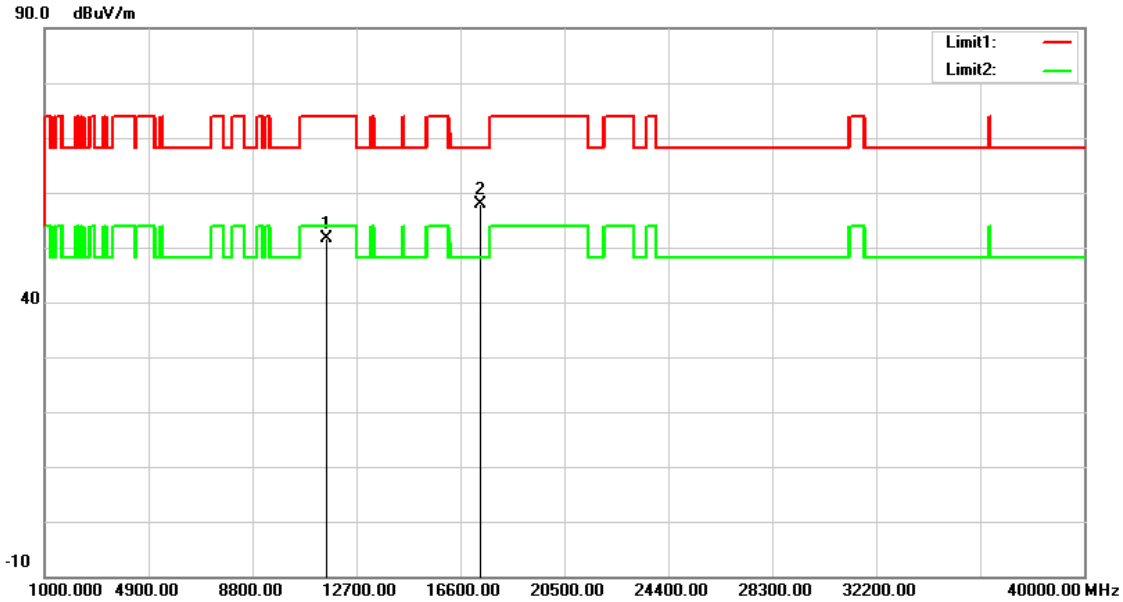
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	31.96	18.50	50.46	74.00	-23.54	peak
2	17235.000	31.96	24.29	56.25	68.20	-11.95	peak

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

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

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

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



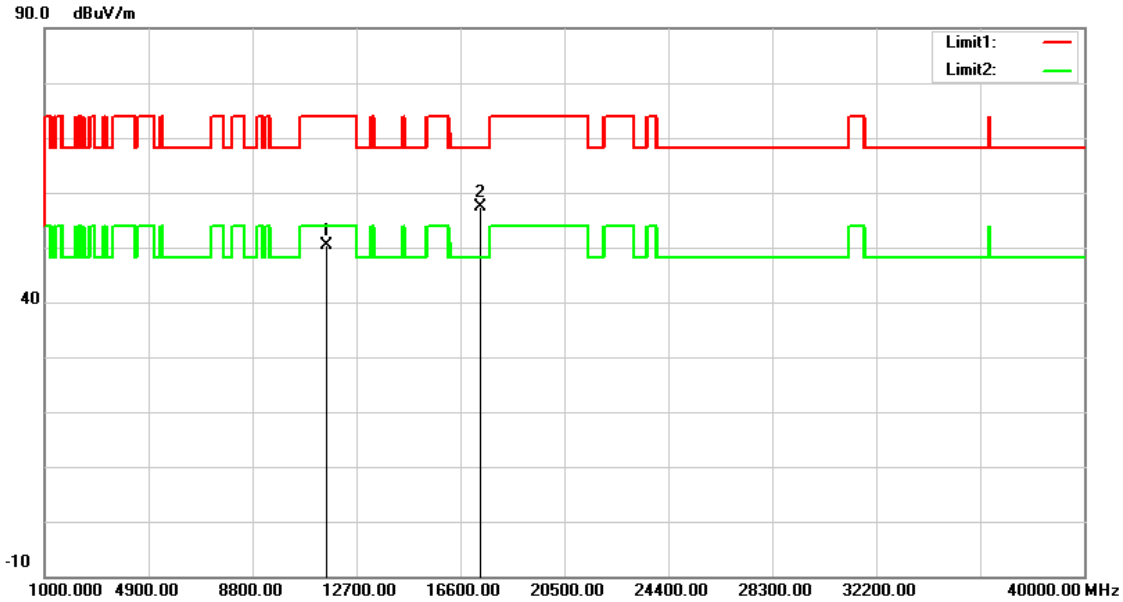
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	33.11	18.43	51.54	74.00	-22.46	peak
2	17355.000	33.00	24.95	57.95	68.20	-10.25	peak

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

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

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

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



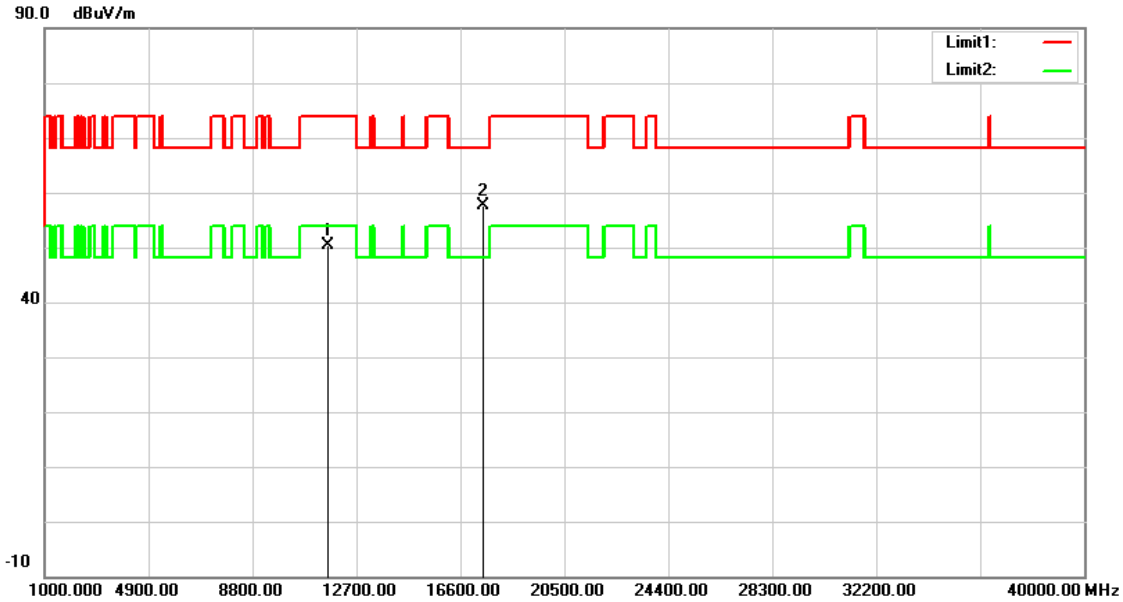
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	31.93	18.43	50.36	74.00	-23.64	peak
2	17355.000	32.54	24.95	57.49	68.20	-10.71	peak

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:	5825 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



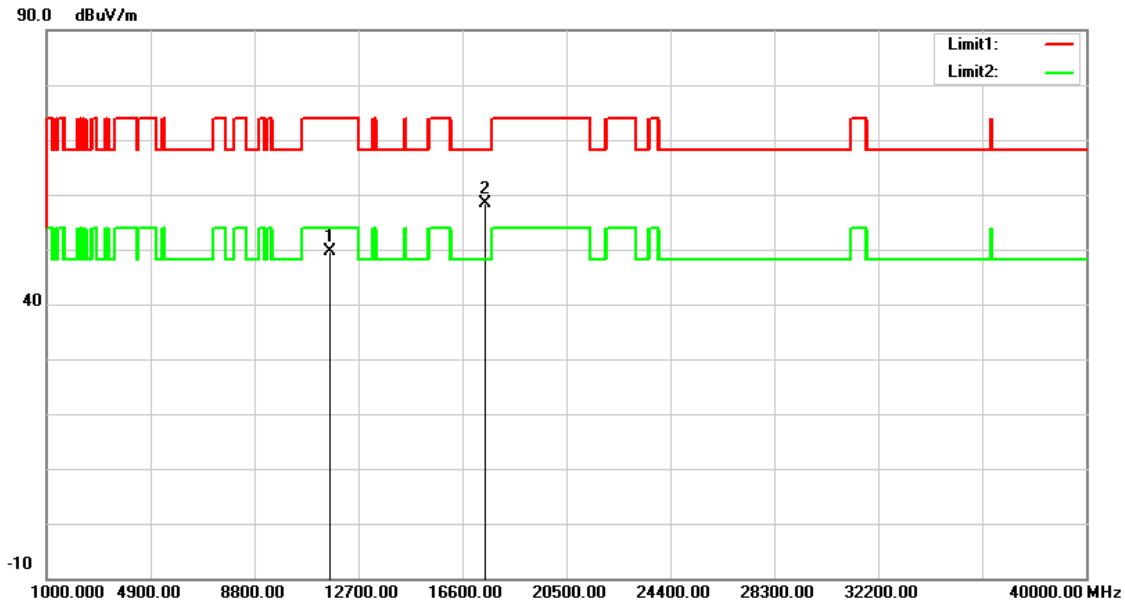
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	31.98	18.36	50.34	74.00	-23.66	peak
2	17475.000	31.94	25.60	57.54	68.20	-10.66	peak

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

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

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

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



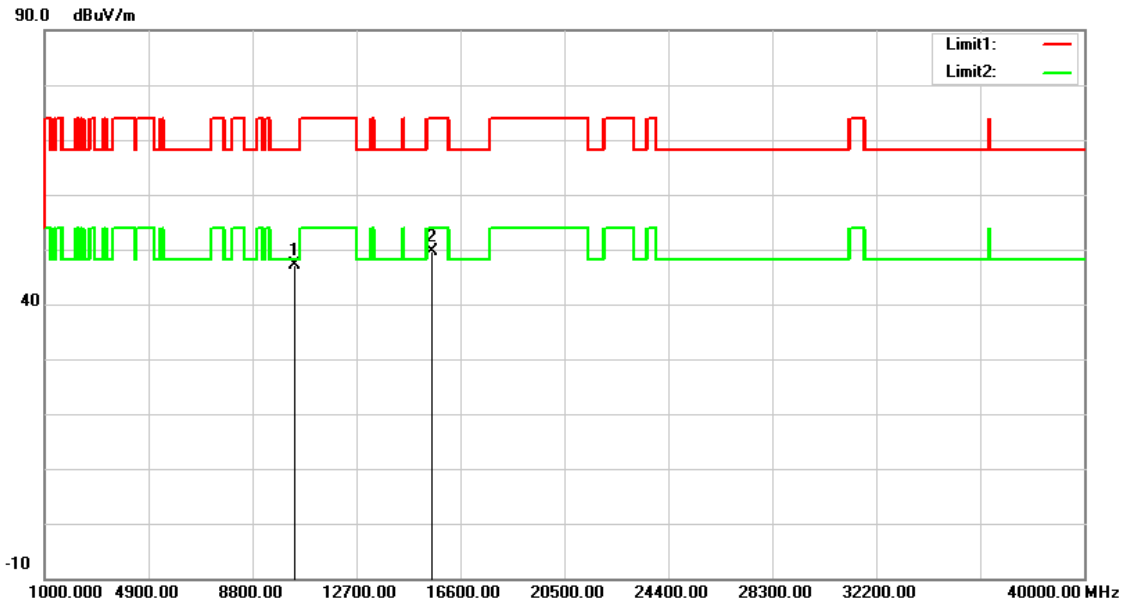
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	31.25	18.36	49.61	74.00	-24.39	peak
2	17475.000	32.75	25.60	58.35	68.20	-9.85	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



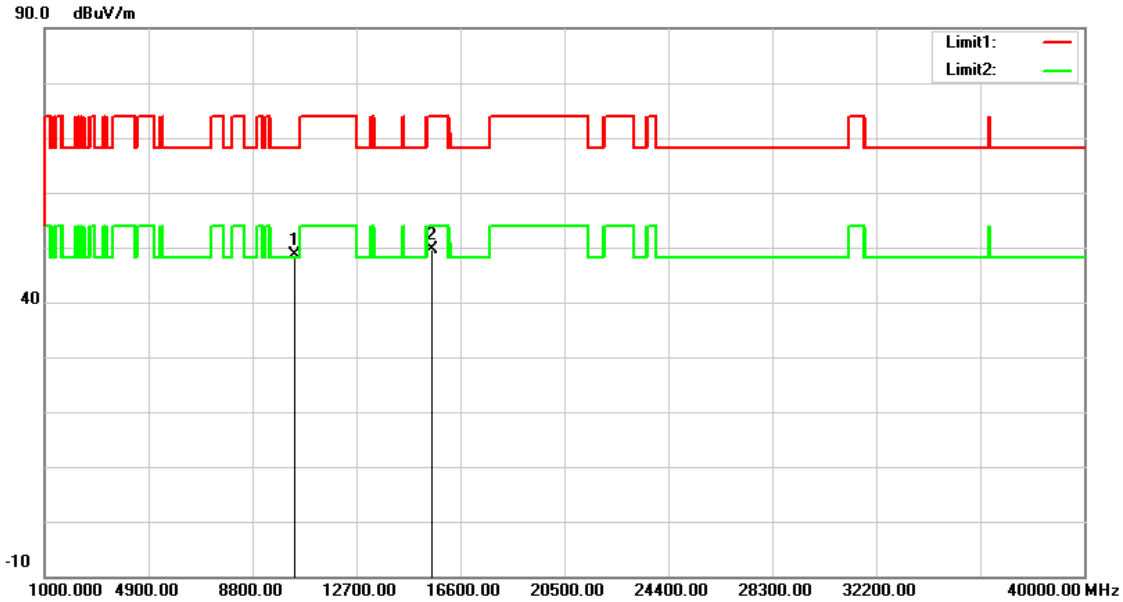
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	30.25	16.87	47.12	68.20	-21.08	peak
2	15540.000	31.17	18.51	49.68	74.00	-24.32	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



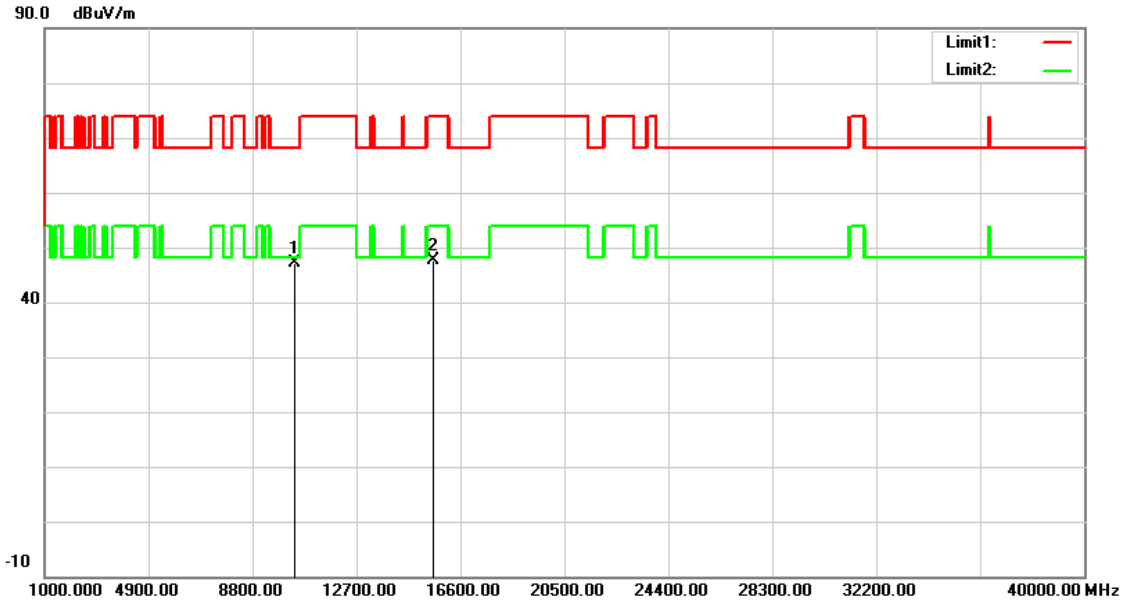
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	31.78	16.87	48.65	68.20	-19.55	peak
2	15540.000	31.15	18.51	49.66	74.00	-24.34	peak

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:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



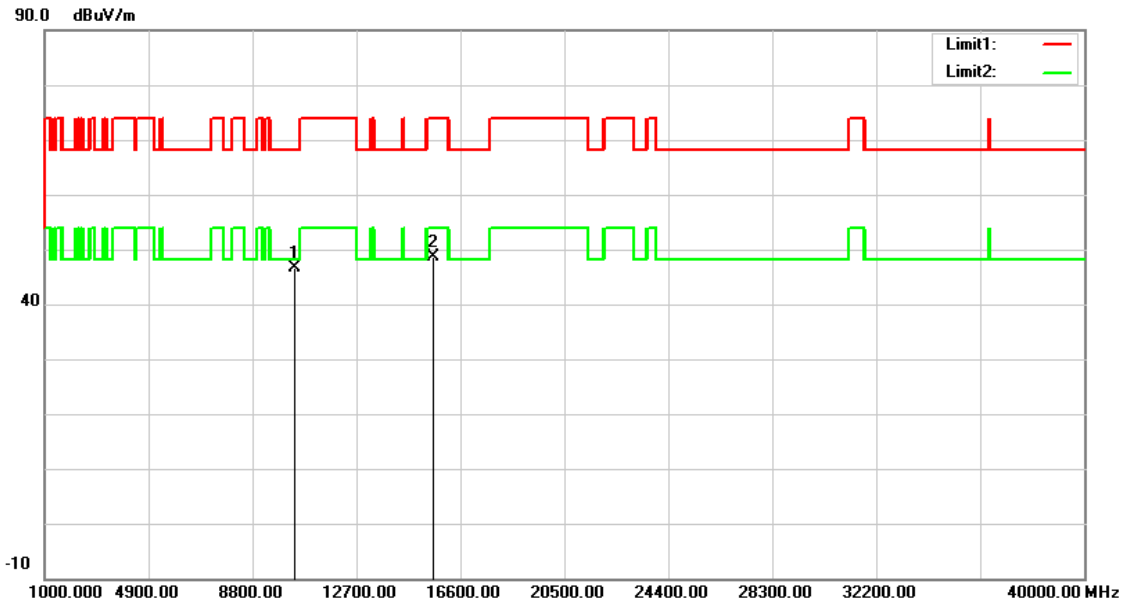
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	30.08	16.95	47.03	68.20	-21.17	peak
2	15600.000	29.32	18.35	47.67	74.00	-26.33	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



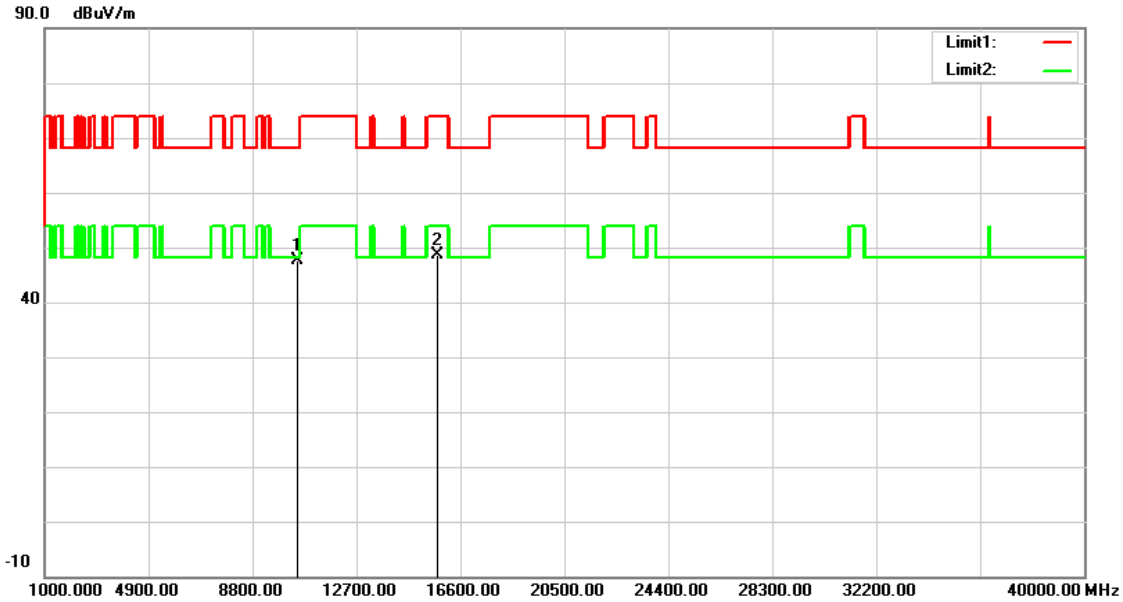
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	29.67	16.95	46.62	68.20	-21.58	peak
2	15600.000	30.28	18.35	48.63	74.00	-25.37	peak

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:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



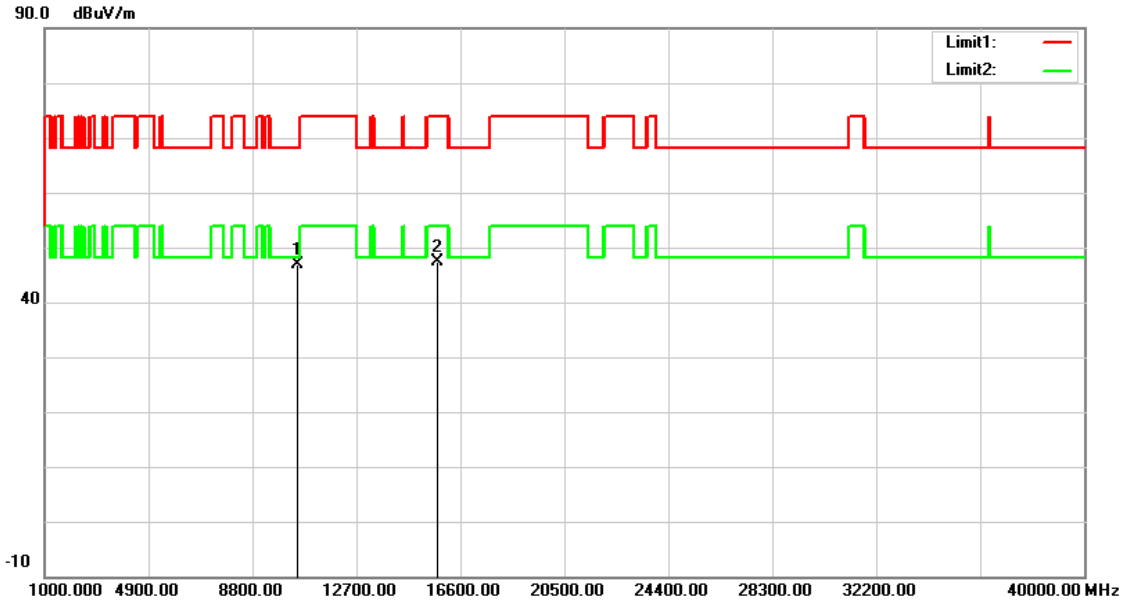
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	30.62	17.12	47.74	68.20	-20.46	peak
2	15720.000	30.68	18.00	48.68	74.00	-25.32	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



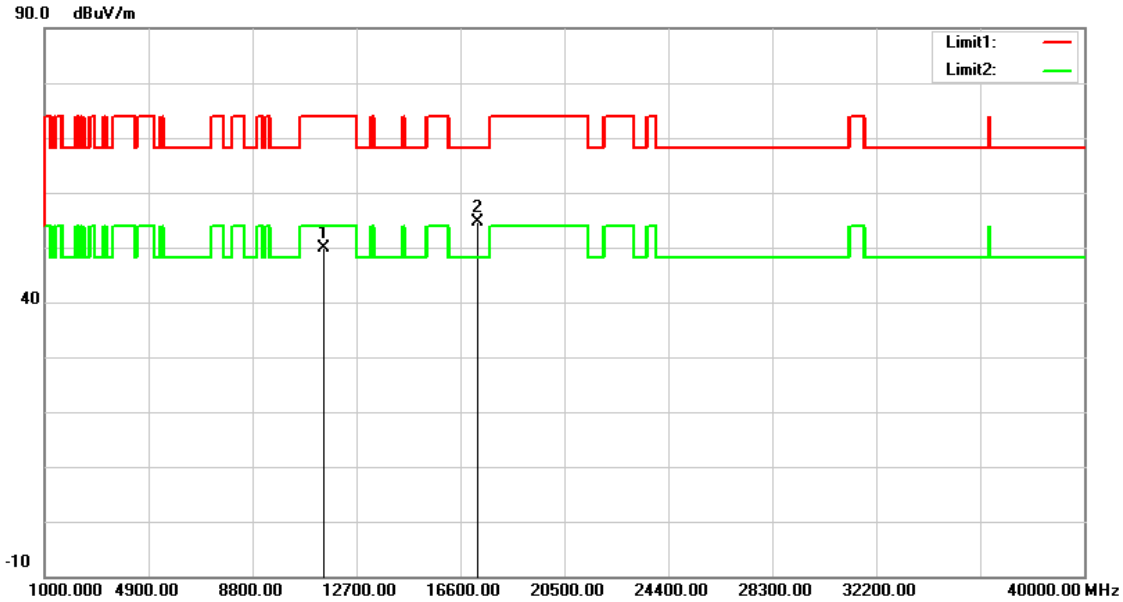
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	29.72	17.12	46.84	68.20	-21.36	peak
2	15720.000	29.44	18.00	47.44	74.00	-26.56	peak

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:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



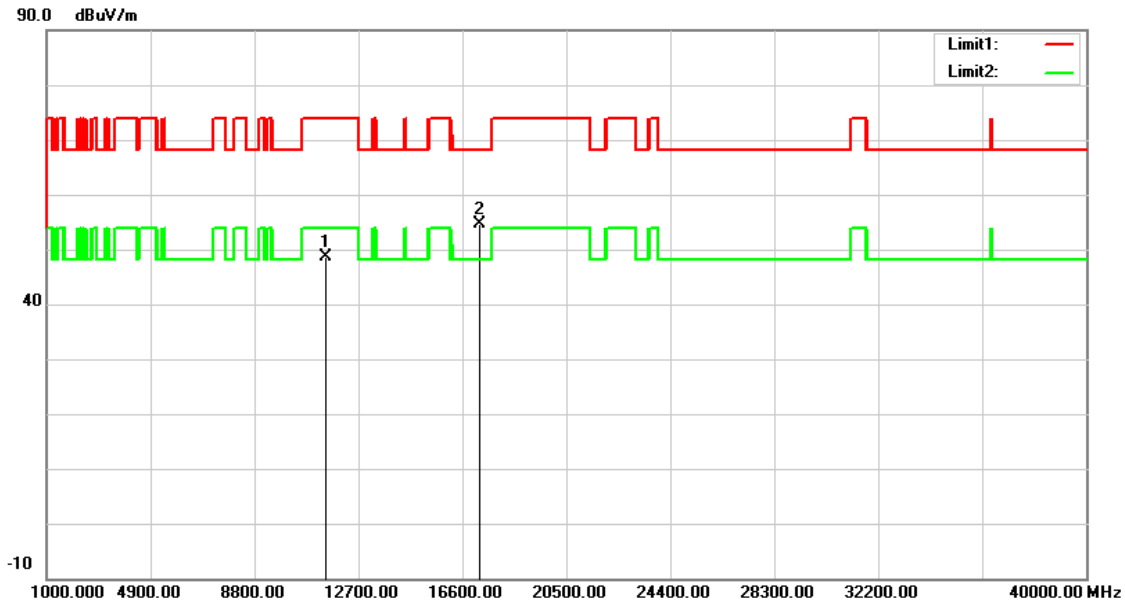
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	31.26	18.50	49.76	74.00	-24.24	peak
2	17235.000	30.34	24.29	54.63	68.20	-13.57	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



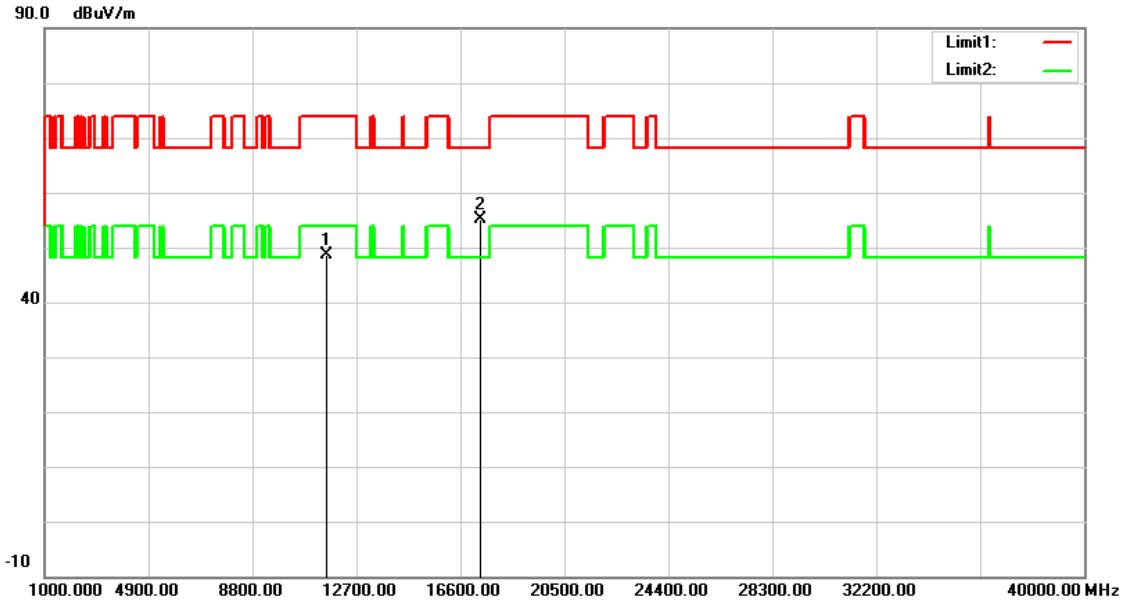
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	30.25	18.50	48.75	74.00	-25.25	peak
2	17235.000	30.30	24.29	54.59	68.20	-13.61	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



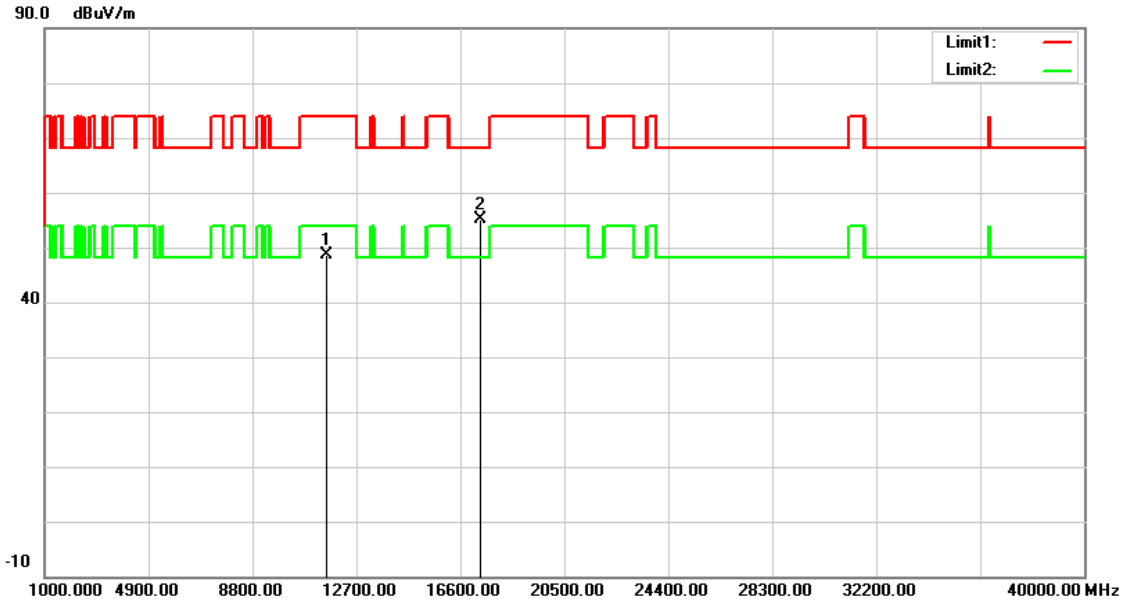
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	30.16	18.43	48.59	74.00	-25.41	peak
2	17355.000	30.11	24.95	55.06	68.20	-13.14	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



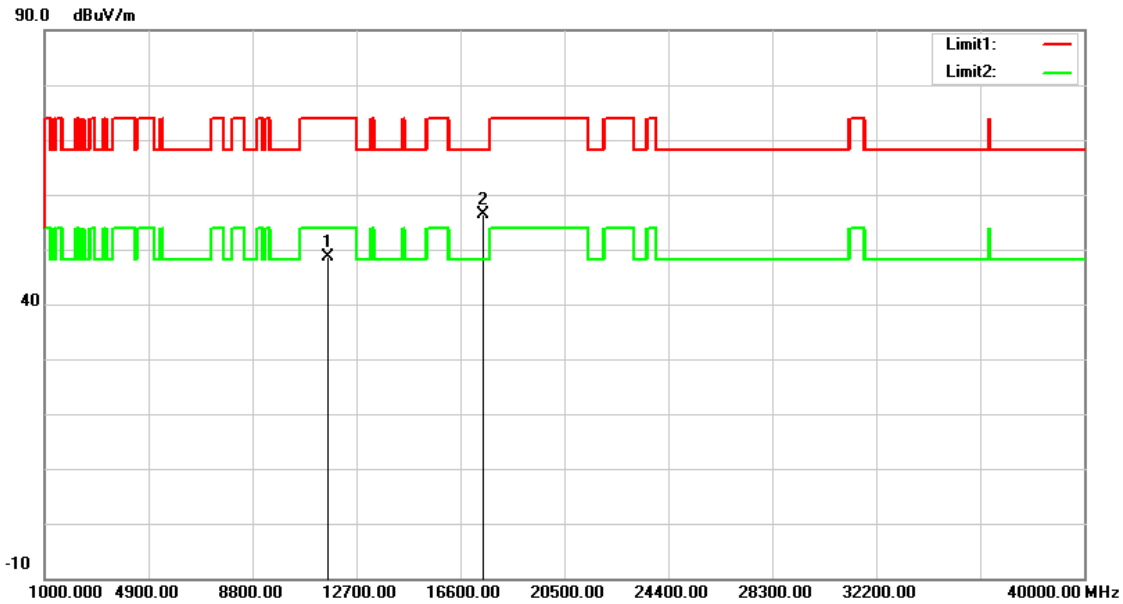
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	30.10	18.43	48.53	74.00	-25.47	peak
2	17355.000	30.17	24.95	55.12	68.20	-13.08	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



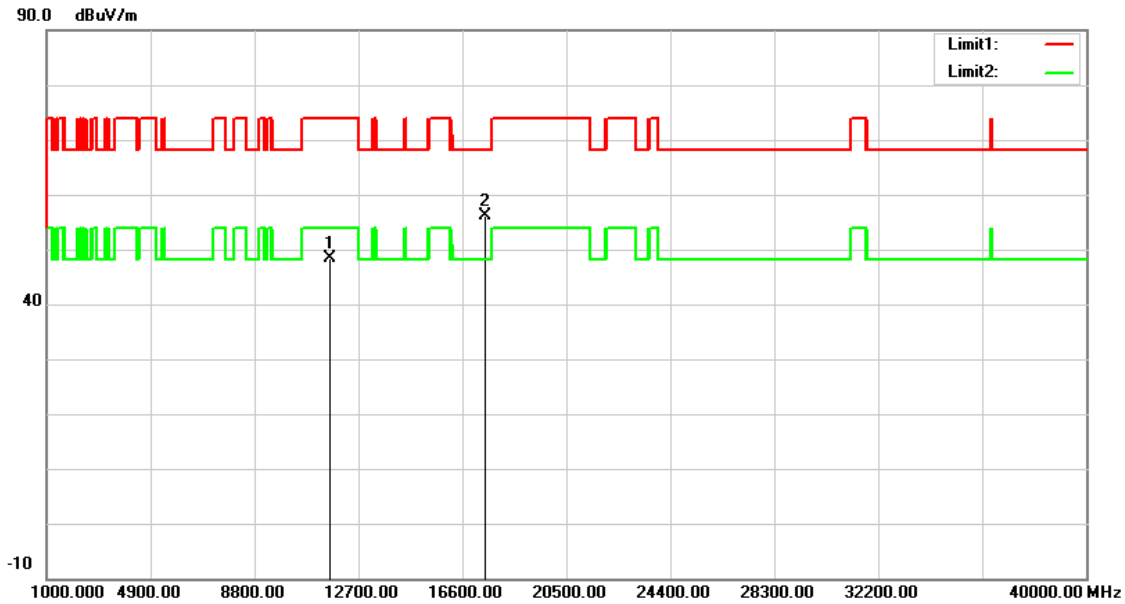
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	30.33	18.36	48.69	74.00	-25.31	peak
2	17475.000	30.75	25.60	56.35	68.20	-11.85	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



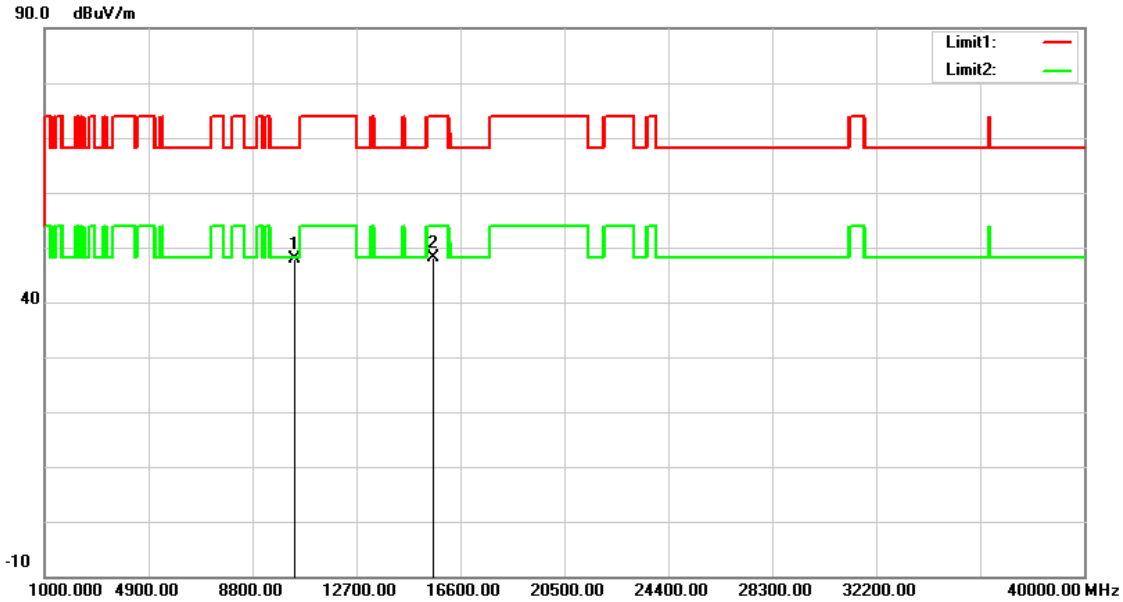
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	30.11	18.36	48.47	74.00	-25.53	peak
2	17475.000	30.48	25.60	56.08	68.20	-12.12	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



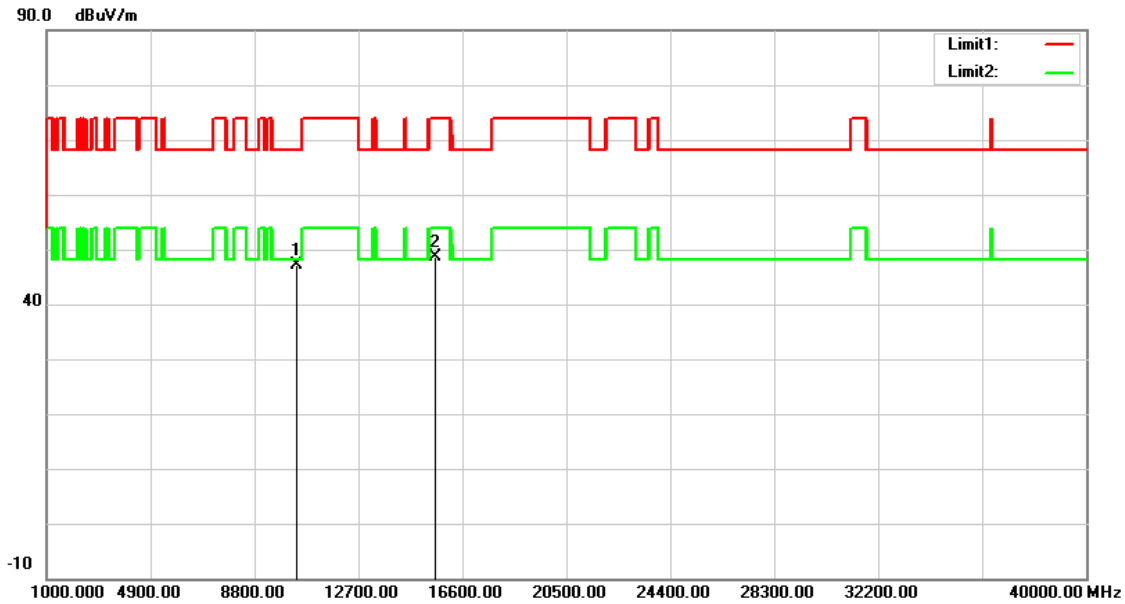
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	31.06	16.90	47.96	68.20	-20.24	peak
2	15570.000	29.75	18.43	48.18	74.00	-25.82	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



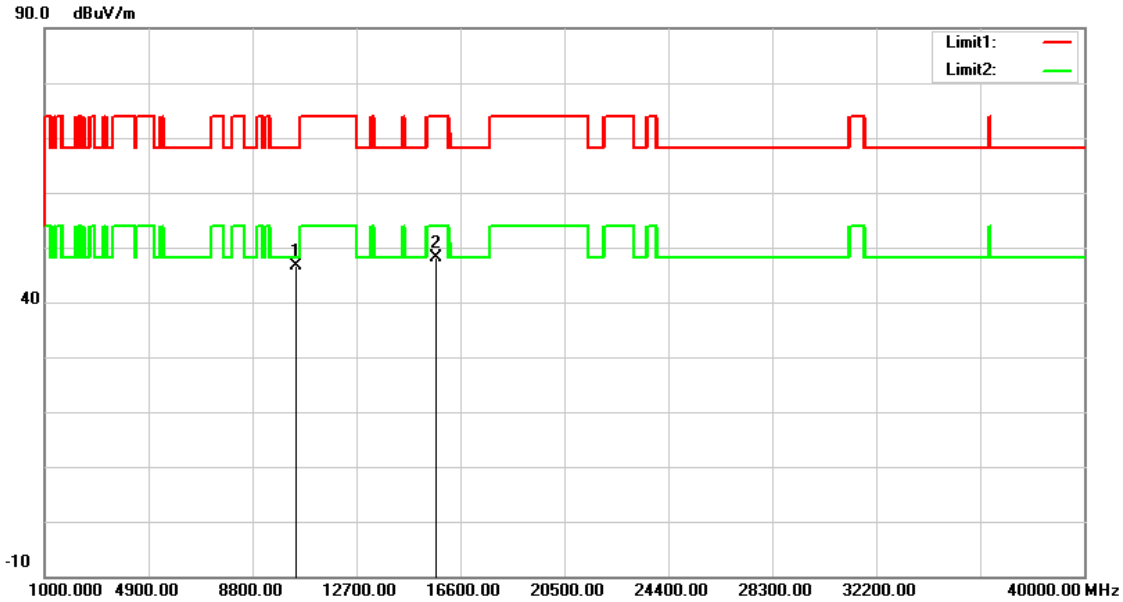
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	30.33	16.90	47.23	68.20	-20.97	peak
2	15570.000	30.11	18.43	48.54	74.00	-25.46	peak

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:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



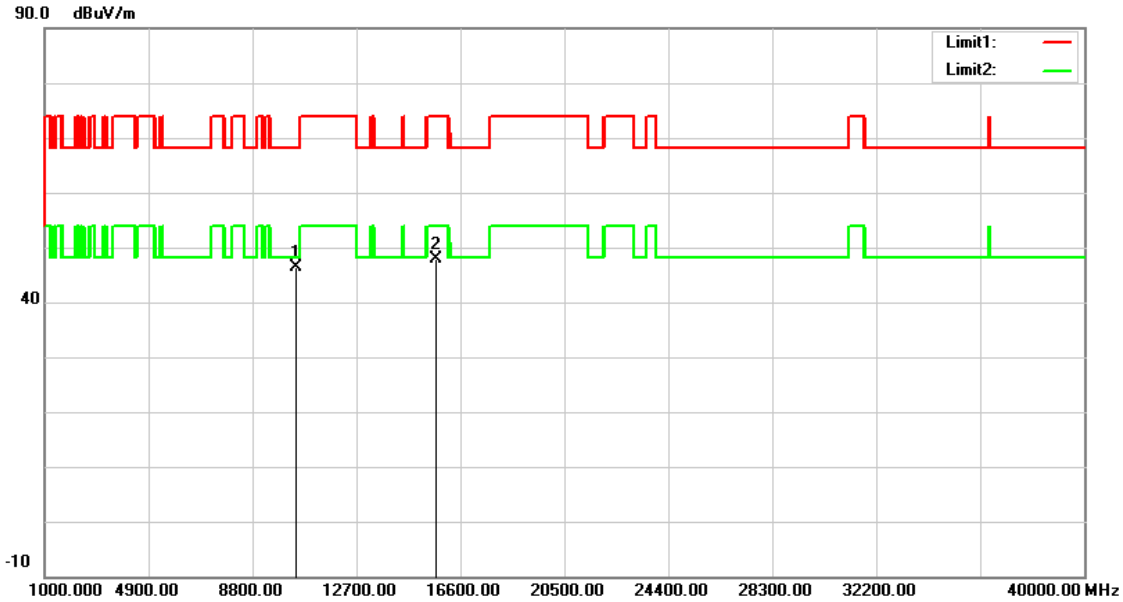
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	29.53	17.08	46.61	68.20	-21.59	peak
2	15690.000	30.16	18.08	48.24	74.00	-25.76	peak

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:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



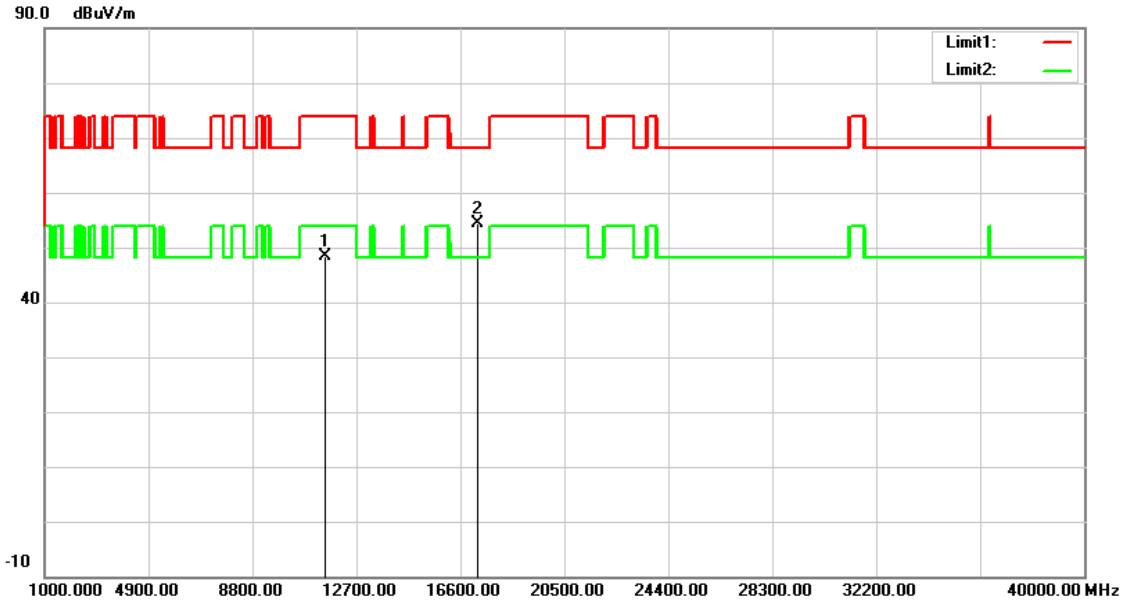
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	29.35	17.08	46.43	68.20	-21.77	peak
2	15690.000	29.81	18.08	47.89	74.00	-26.11	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



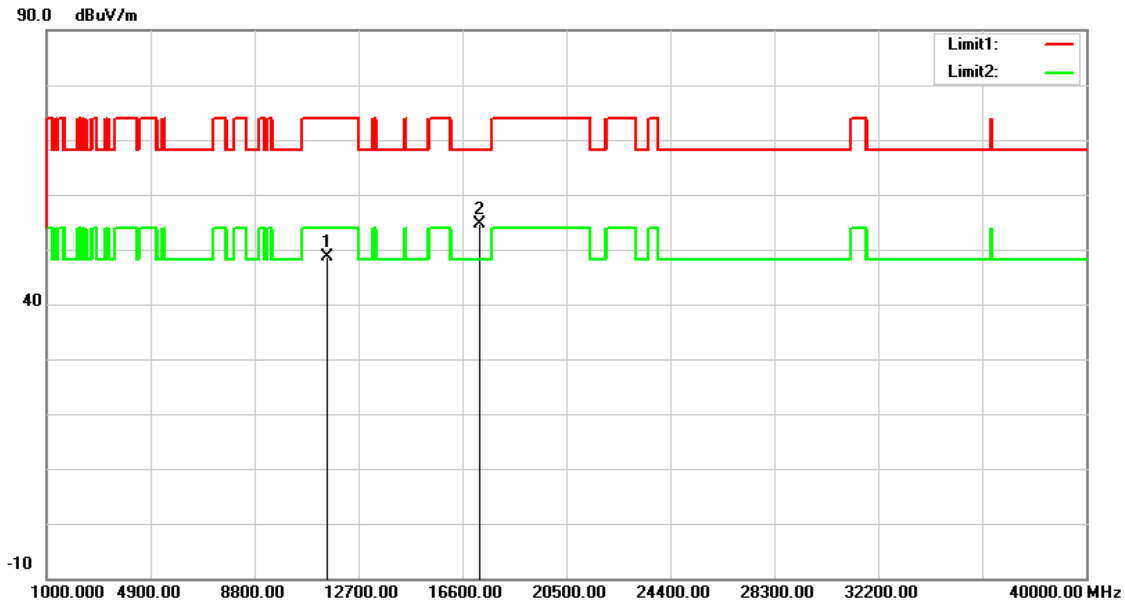
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	29.85	18.48	48.33	74.00	-25.67	peak
2	17265.000	29.82	24.45	54.27	68.20	-13.93	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



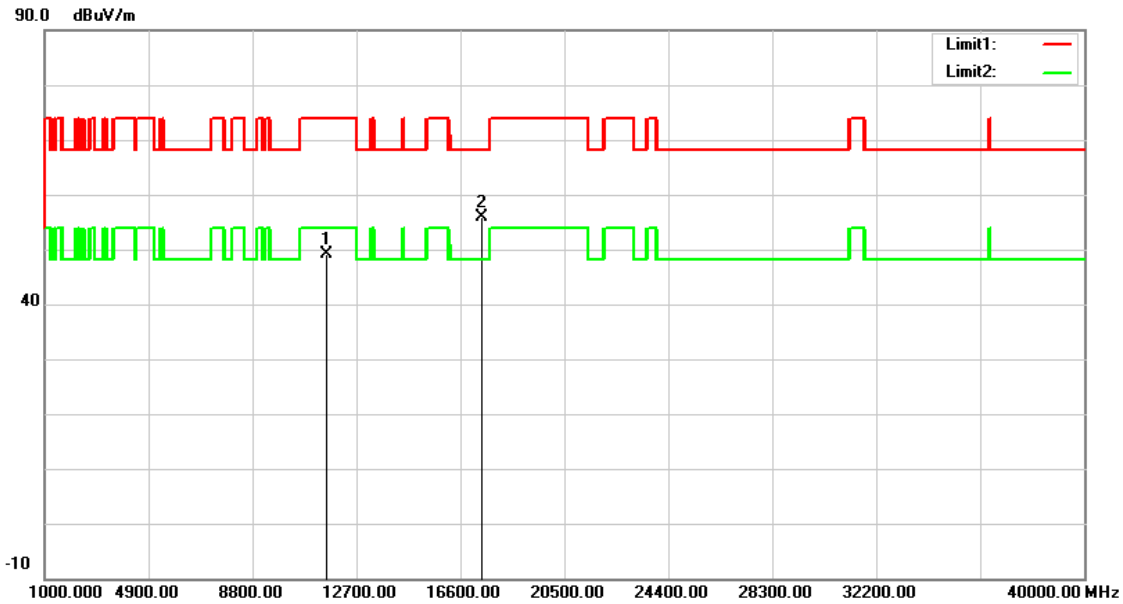
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	30.18	18.48	48.66	74.00	-25.34	peak
2	17265.000	30.20	24.45	54.65	68.20	-13.55	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



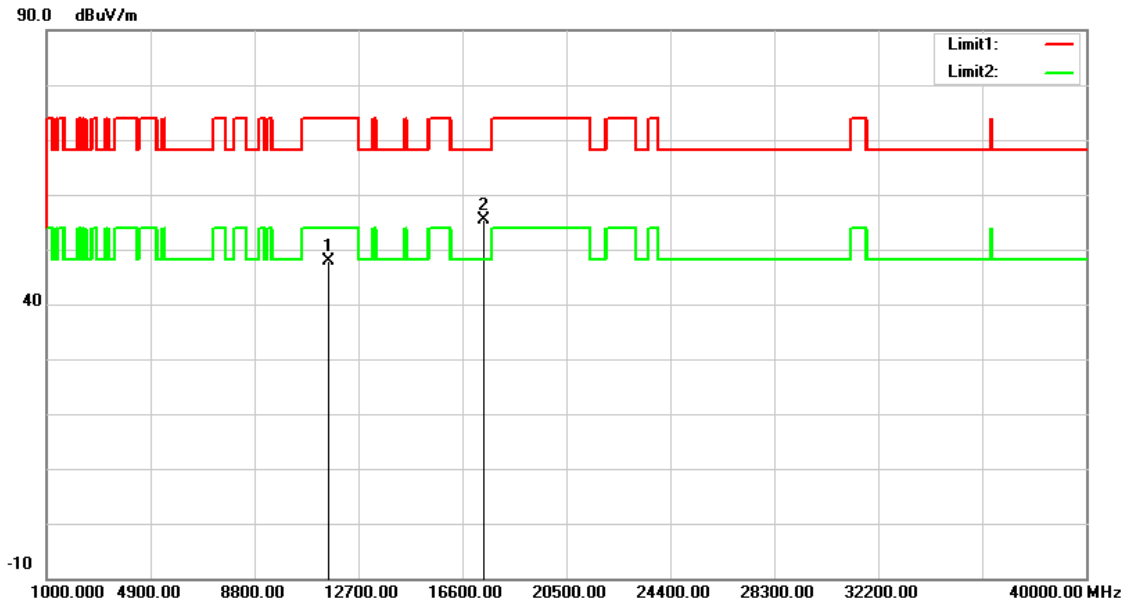
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	30.72	18.41	49.13	74.00	-24.87	peak
2	17385.000	30.79	25.10	55.89	68.20	-12.31	peak

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:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



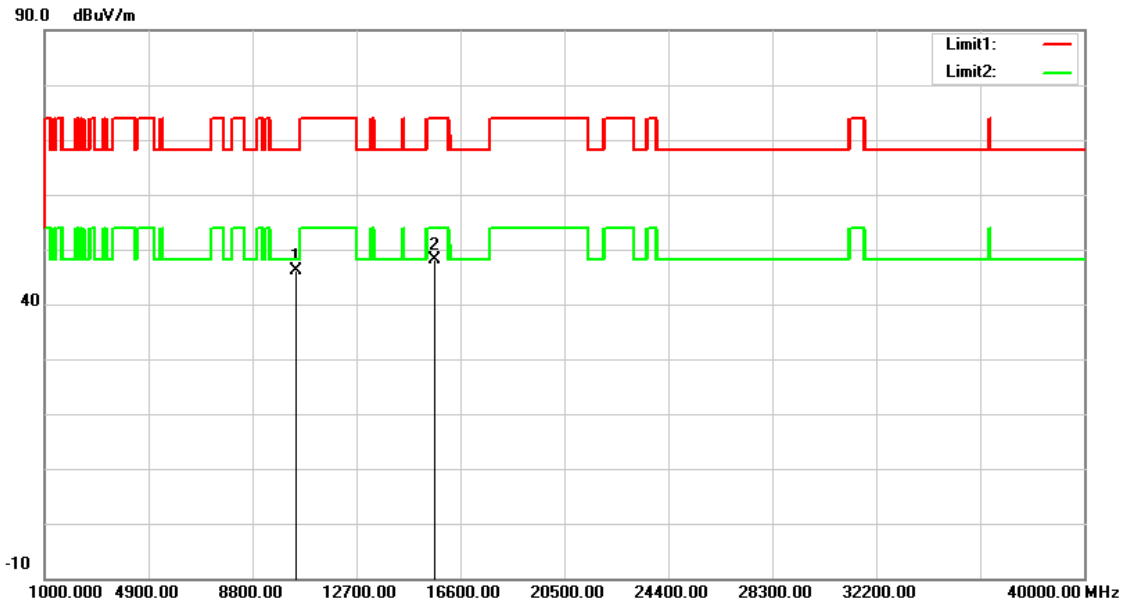
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	29.43	18.41	47.84	74.00	-26.16	peak
2	17385.000	30.35	25.10	55.45	68.20	-12.75	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



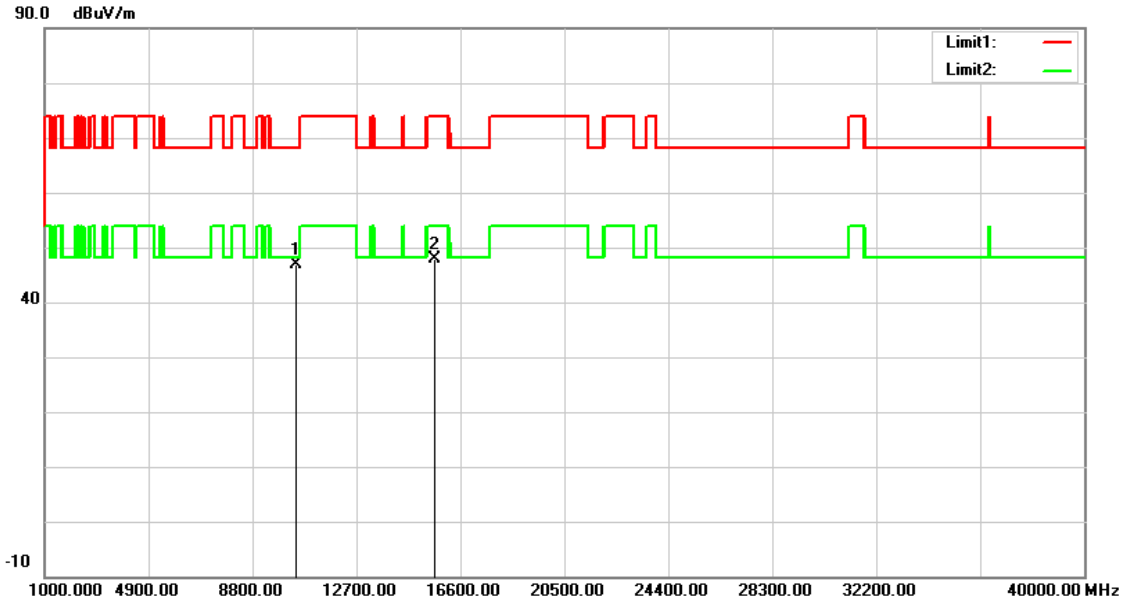
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	29.19	16.99	46.18	68.20	-22.02	peak
2	15630.000	29.83	18.25	48.08	74.00	-25.92	peak

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:	Harmonic		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



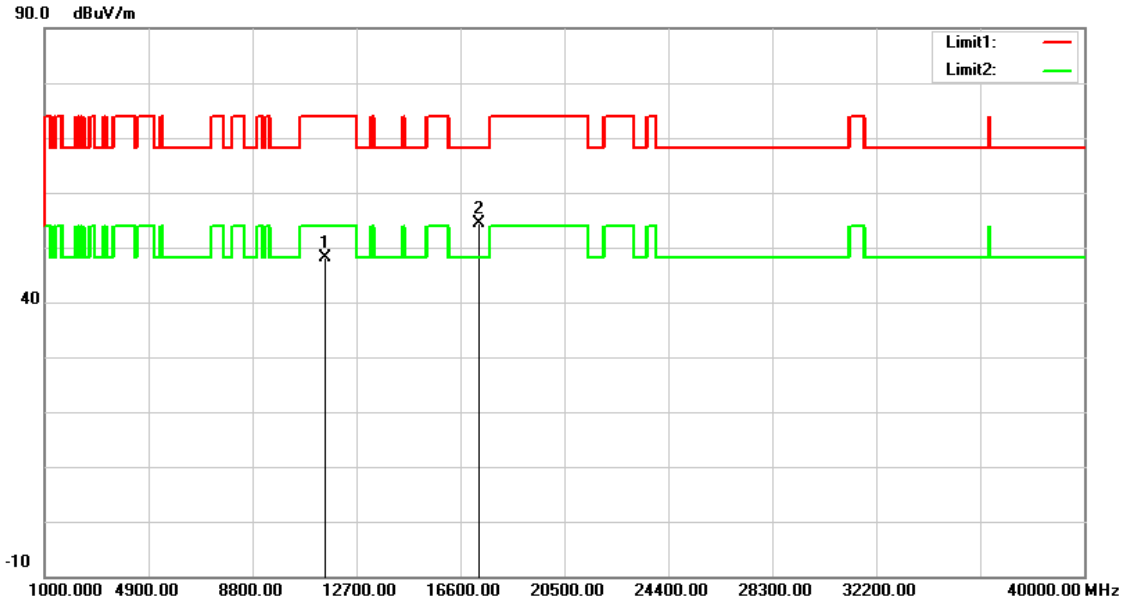
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	29.95	16.99	46.94	68.20	-21.26	peak
2	15630.000	29.65	18.25	47.90	74.00	-26.10	peak

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:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



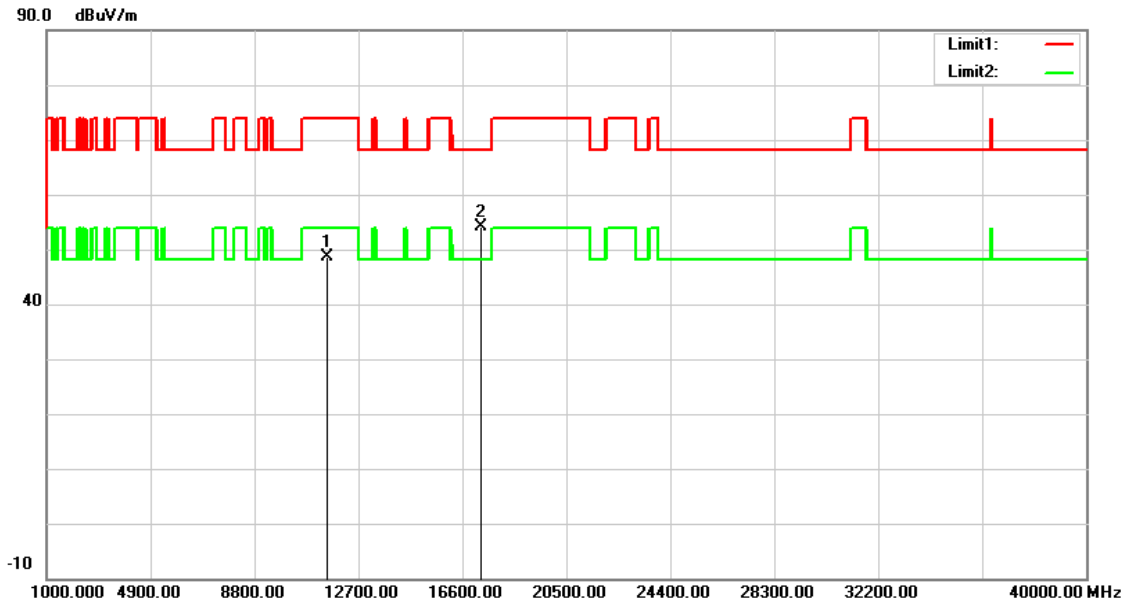
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	29.68	18.44	48.12	74.00	-25.88	peak
2	17325.000	29.66	24.79	54.45	68.20	-13.75	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



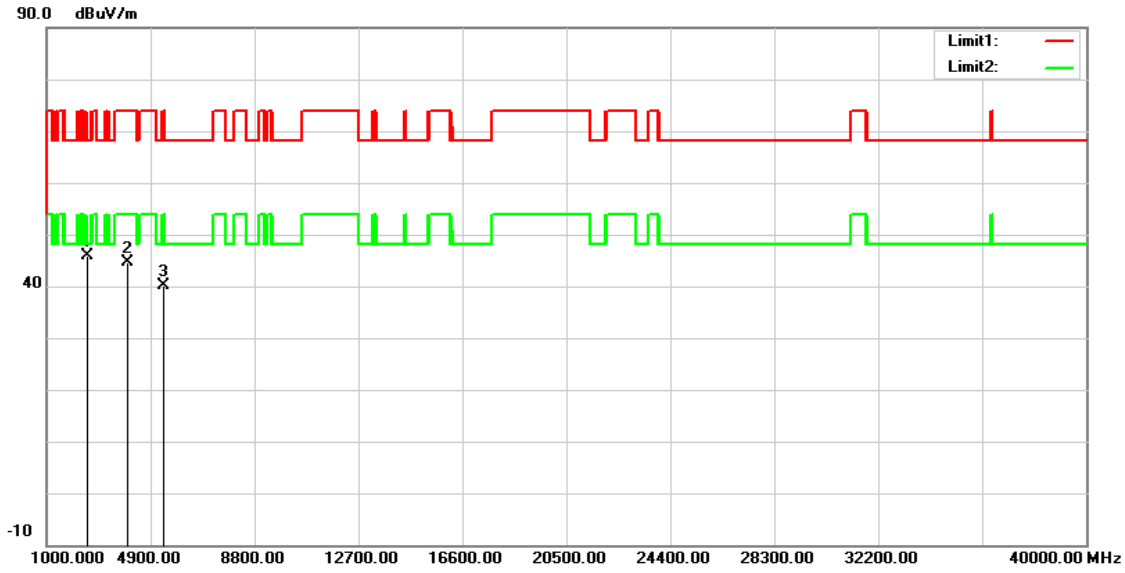
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	30.26	18.44	48.70	74.00	-25.30	peak
2	17325.000	29.32	24.79	54.11	68.20	-14.09	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Transmitter Unwanted Emissions		
Test Mode:	Simultaneous Transmitting		
	(WLAN 2.4 + 5 GHz)		
Ant.Polar.:	Horizontal		



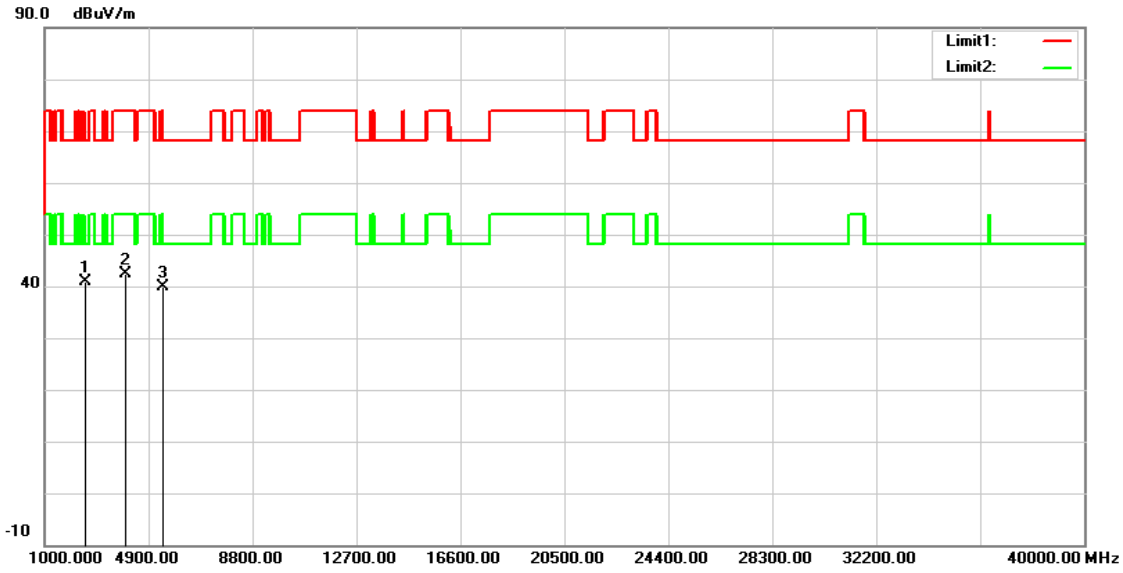
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2496.000	47.76	-1.84	45.92	74.00	-28.08	peak
2	4009.000	41.37	3.16	44.53	74.00	-29.47	peak
3	5403.000	34.03	6.10	40.13	74.00	-33.87	peak

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:	Transmitter Unwanted Emissions		
Test Mode:	Simultaneous Transmitting		
	(WLAN 2.4 + 5 GHz)		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2496.000	42.65	-1.84	40.81	74.00	-33.19	peak
2	4009.000	39.15	3.16	42.31	74.00	-31.69	peak
3	5420.000	33.83	6.12	39.95	74.00	-34.05	peak

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

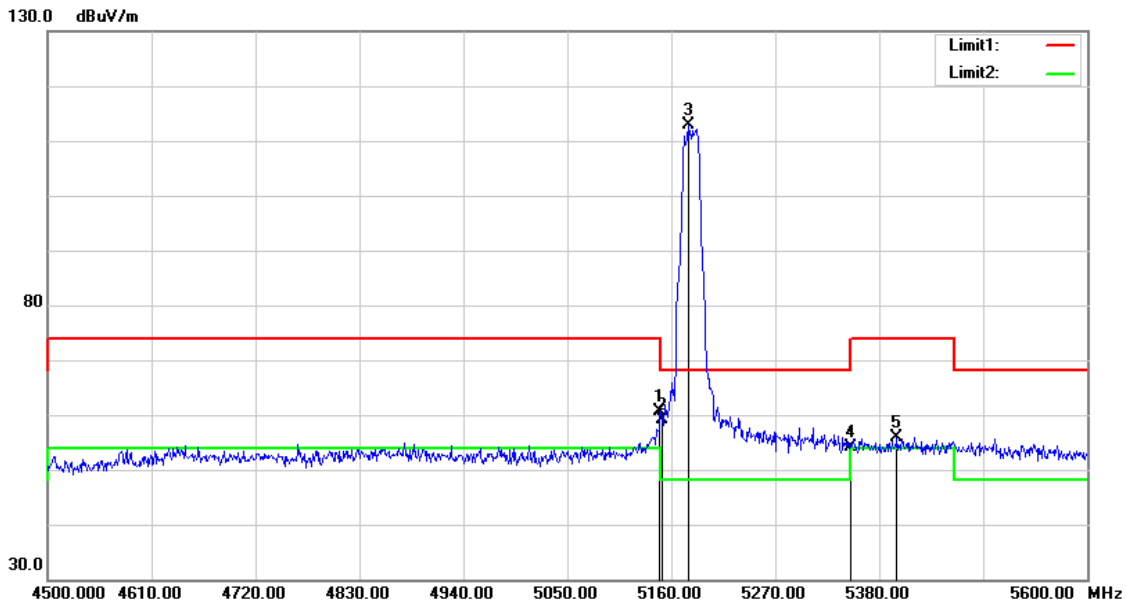
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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		



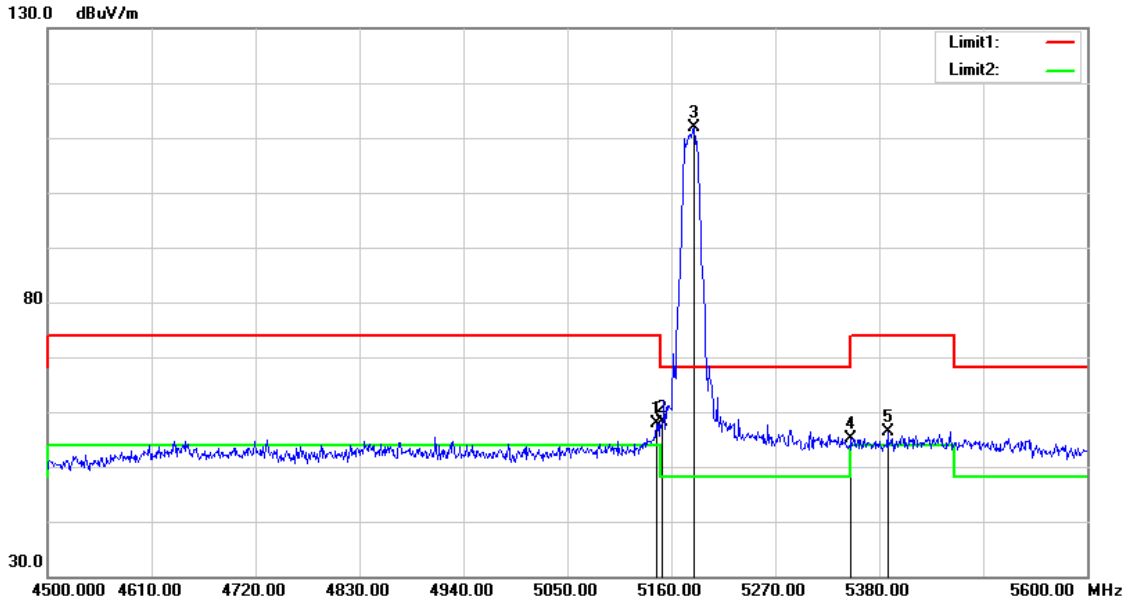
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	54.87	5.76	60.63	74.00	-13.37	peak
2	5150.000	53.28	5.75	59.03	74.00	-14.97	peak
3	5177.600	107.13	5.79	112.92	68.20	44.72	peak
4	5350.000	48.14	6.00	54.14	74.00	-19.86	peak
5	5398.700	49.74	6.07	55.81	74.00	-18.19	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 2		
Ant.Polar.:	Vertical		



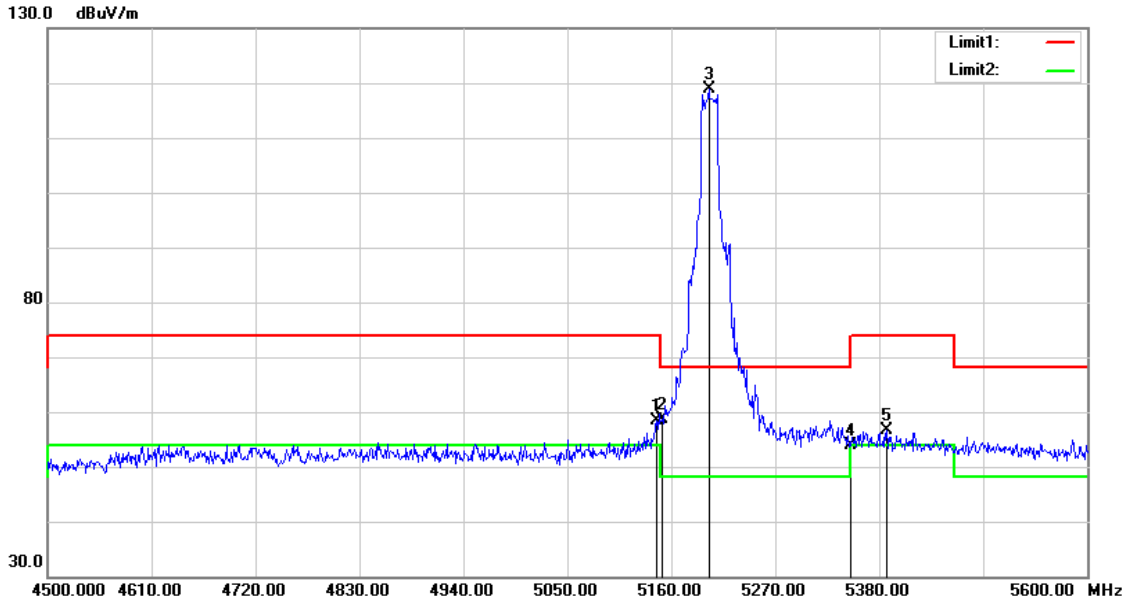
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	52.22	5.76	57.98	74.00	-16.02	peak
2	5150.000	52.36	5.75	58.11	74.00	-15.89	peak
3	5184.200	105.97	5.80	111.77	68.20	43.57	peak
4	5350.000	49.10	6.00	55.10	74.00	-18.90	peak
5	5388.800	50.41	6.05	56.46	74.00	-17.54	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:	5200 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



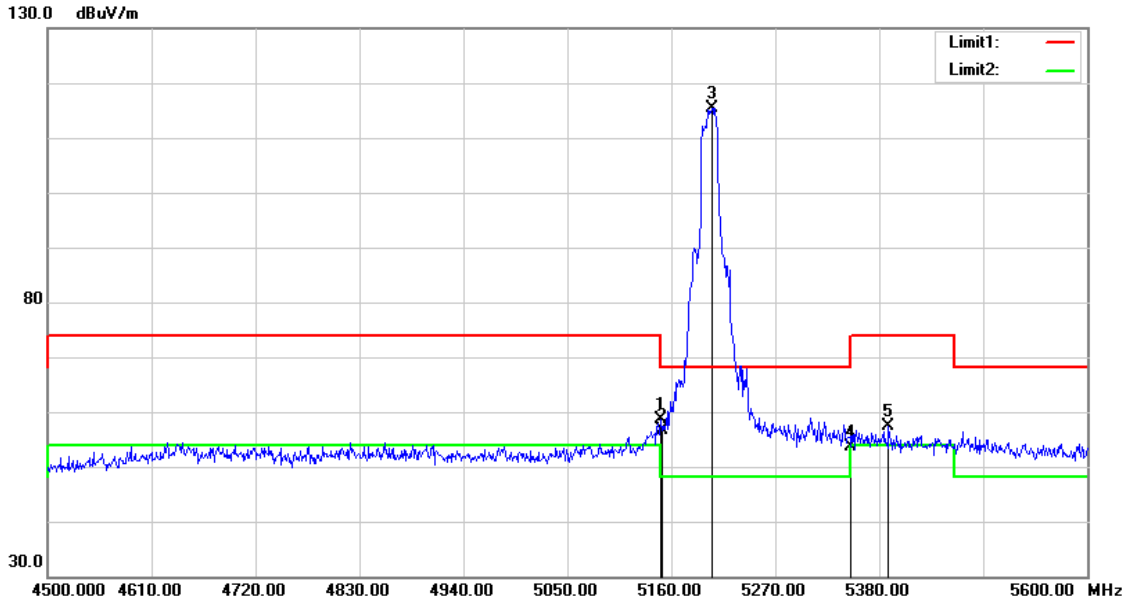
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	52.50	5.76	58.26	74.00	-15.74	peak
2	5150.000	52.87	5.75	58.62	74.00	-15.38	peak
3	5199.600	112.94	5.82	118.76	68.20	50.56	peak
4	5350.000	47.81	6.00	53.81	74.00	-20.19	peak
5	5387.700	50.61	6.05	56.66	74.00	-17.34	peak

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

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

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

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



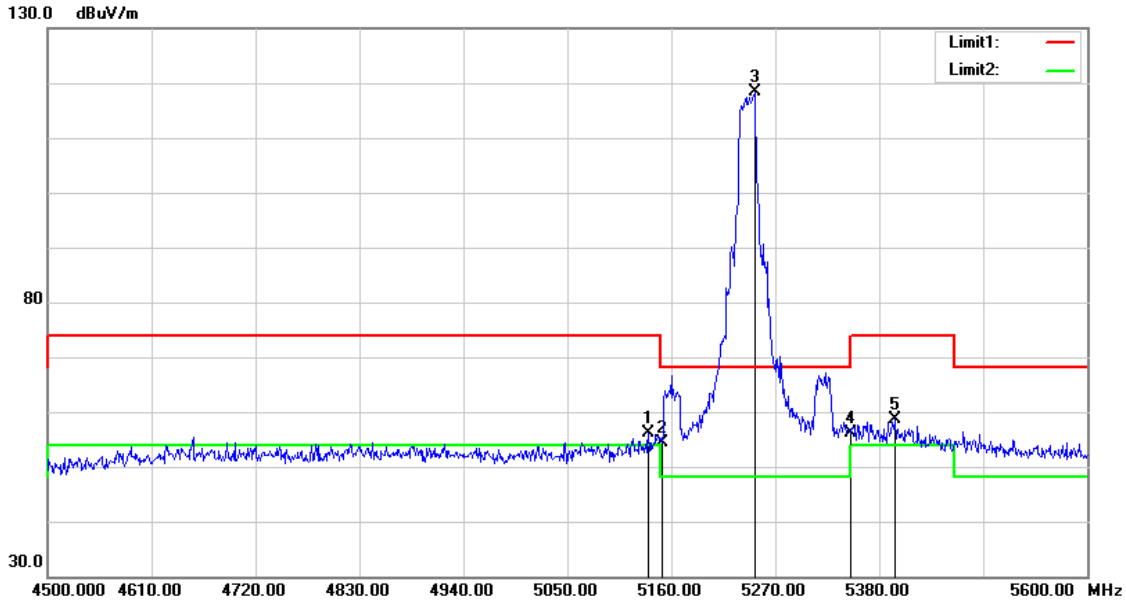
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.000	52.85	5.76	58.61	74.00	-15.39	peak
2	5150.000	50.85	5.75	56.60	74.00	-17.40	peak
3	5202.900	109.67	5.82	115.49	68.20	47.29	peak
4	5350.000	47.59	6.00	53.59	74.00	-20.41	peak
5	5389.900	51.44	6.05	57.49	74.00	-16.51	peak

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

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

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

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



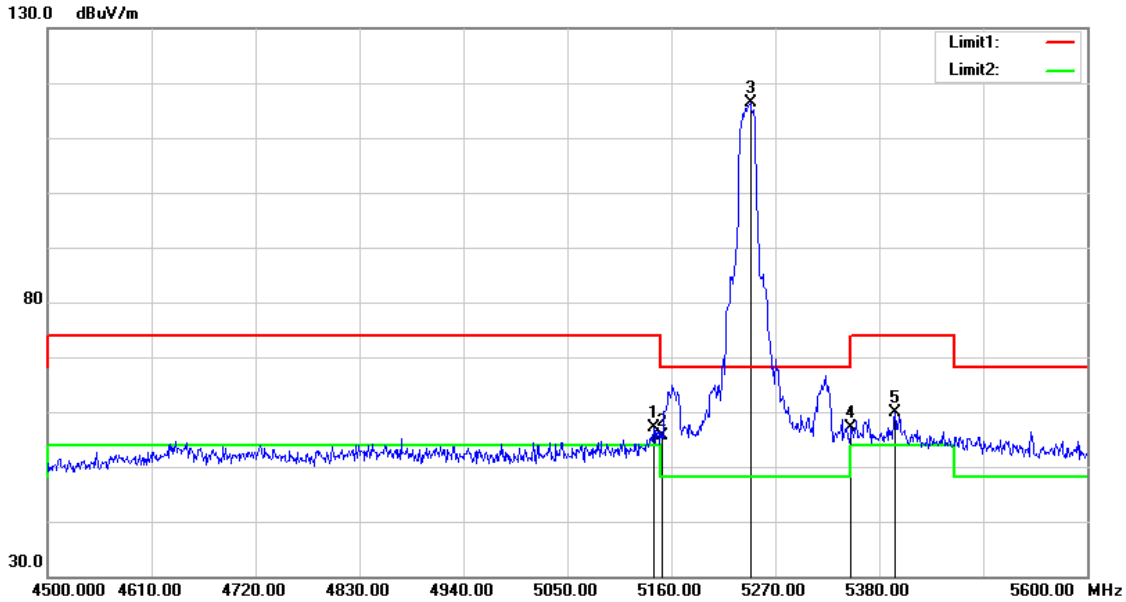
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5135.800	50.29	5.74	56.03	74.00	-17.97	peak
2	5150.000	48.52	5.75	54.27	74.00	-19.73	peak
3	5248.000	112.42	5.88	118.30	68.20	50.10	peak
4	5350.000	50.03	6.00	56.03	74.00	-17.97	peak
5	5396.500	52.54	6.06	58.60	74.00	-15.40	peak

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

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

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

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



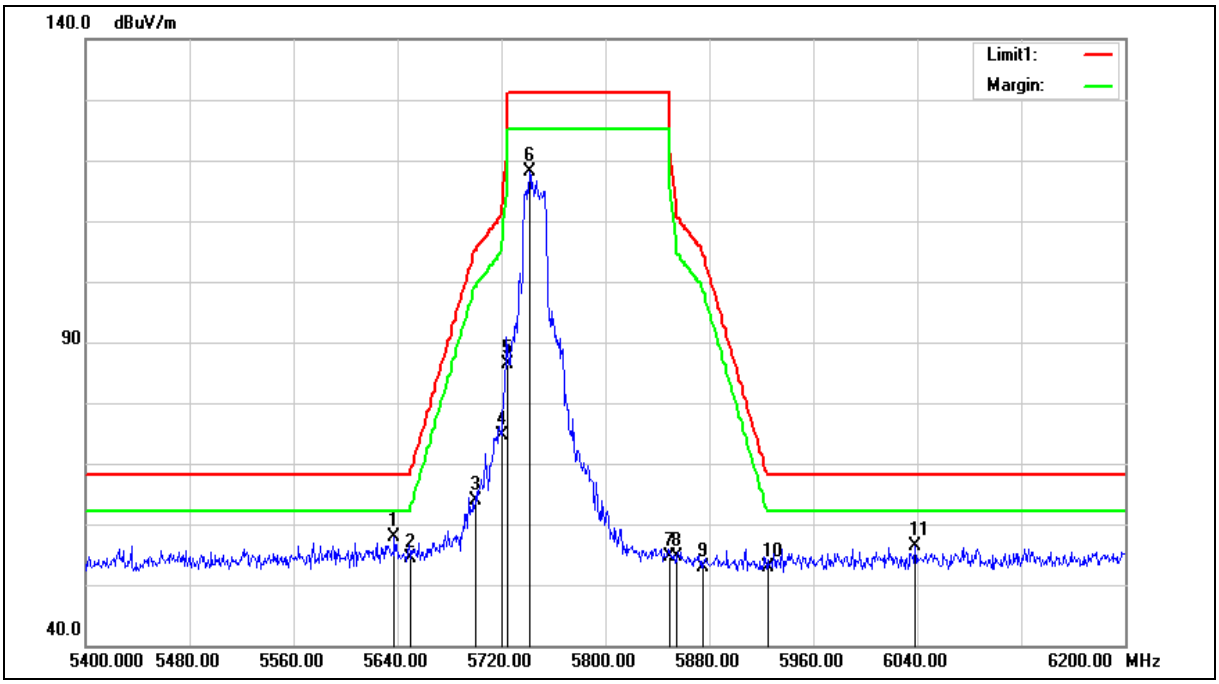
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.300	51.40	5.75	57.15	74.00	-16.85	peak
2	5150.000	49.90	5.75	55.65	74.00	-18.35	peak
3	5243.600	110.53	5.87	116.40	68.20	48.20	peak
4	5350.000	51.08	6.00	57.08	74.00	-16.92	peak
5	5396.500	53.74	6.06	59.80	74.00	-14.20	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	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		

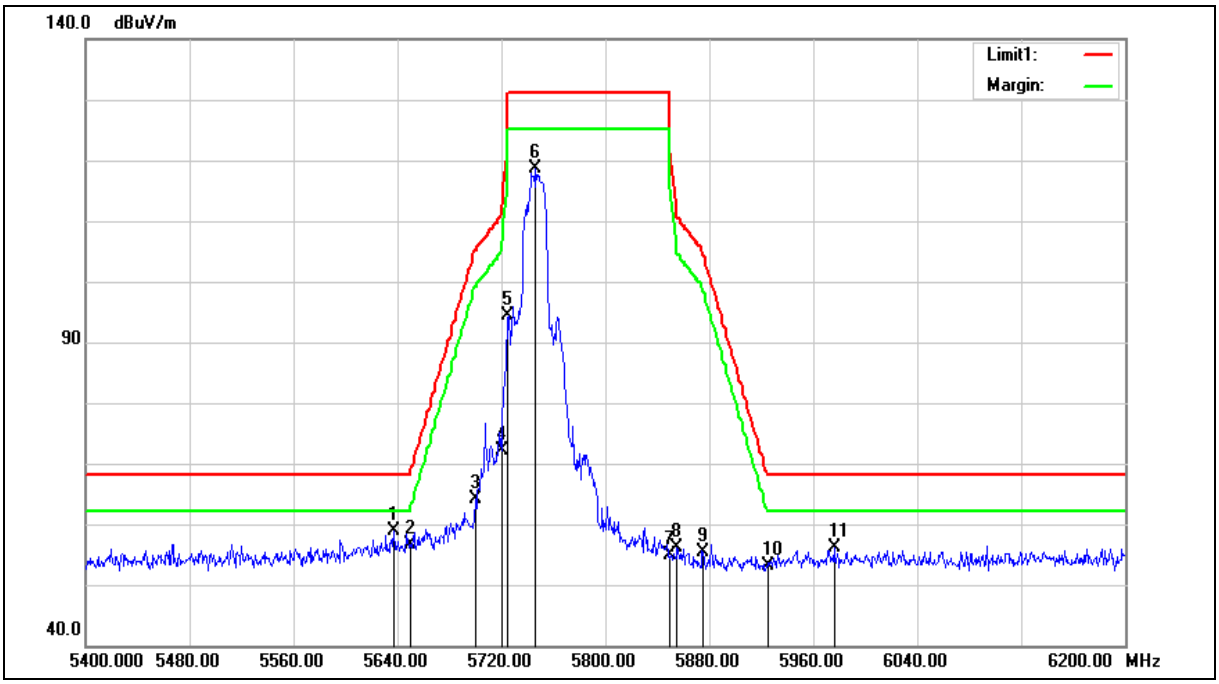
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5637.600	51.44	6.53	57.97	68.20	-10.23	peak
2	5650.000	47.76	6.57	54.33	68.20	-13.87	peak
3	5700.000	57.15	6.69	63.84	105.20	-41.36	peak
4	5720.000	67.88	6.74	74.62	110.80	-36.18	peak
5	5725.000	79.50	6.76	86.26	122.20	-35.94	peak
6	5741.600	111.24	6.80	118.04	131.20	-13.16	peak
7	5850.000	47.58	7.05	54.63	122.20	-67.57	peak
8	5855.000	47.51	7.07	54.58	110.80	-56.22	peak
9	5875.000	45.64	7.12	52.76	105.20	-52.44	peak
10	5925.000	45.53	7.25	52.78	68.20	-15.42	peak
11	6038.400	48.86	7.60	56.46	68.20	-11.74	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
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		

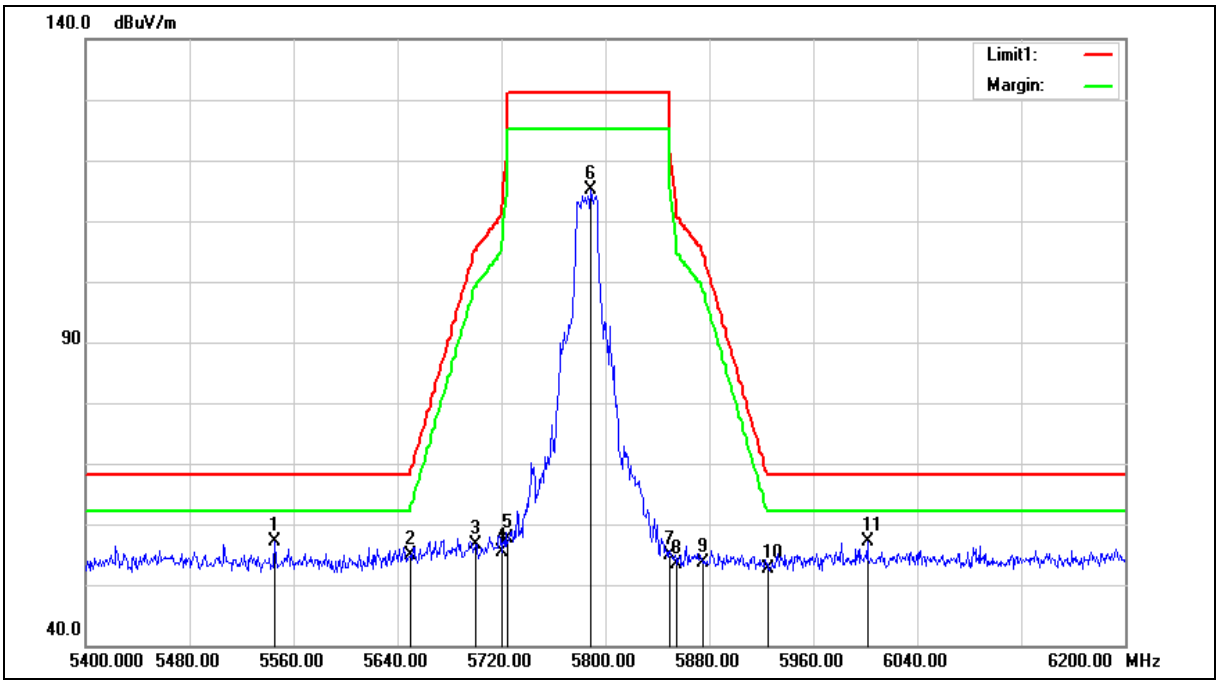
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5636.800	52.25	6.53	58.78	68.20	-9.42	peak
2	5650.000	50.17	6.57	56.74	68.20	-11.46	peak
3	5700.000	57.52	6.69	64.21	105.20	-40.99	peak
4	5720.000	65.32	6.74	72.06	110.80	-38.74	peak
5	5725.000	87.71	6.76	94.47	122.20	-27.73	peak
6	5746.400	111.76	6.80	118.56	131.20	-12.64	peak
7	5850.000	47.76	7.05	54.81	122.20	-67.39	peak
8	5855.000	49.12	7.07	56.19	110.80	-54.61	peak
9	5875.000	48.37	7.12	55.49	105.20	-49.71	peak
10	5925.000	45.76	7.25	53.01	68.20	-15.19	peak
11	5976.000	48.76	7.37	56.13	68.20	-12.07	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	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		

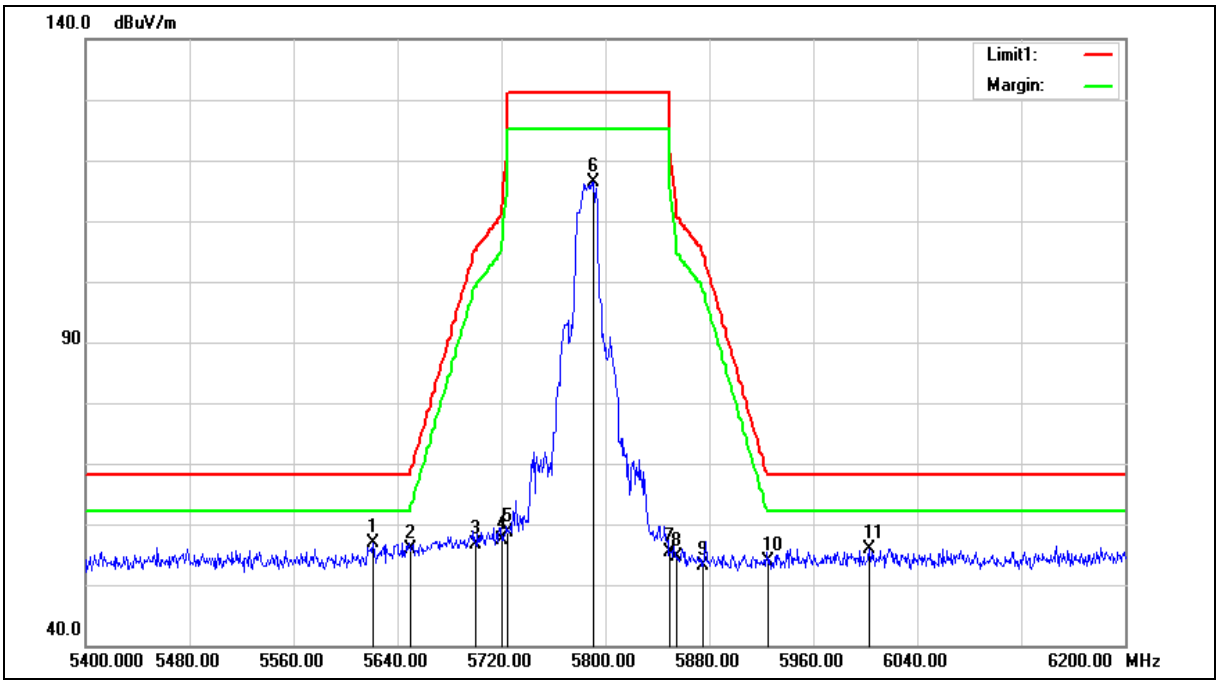
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5545.600	50.88	6.30	57.18	68.20	-11.02	peak
2	5650.000	48.42	6.57	54.99	68.20	-13.21	peak
3	5700.000	49.89	6.69	56.58	105.20	-48.62	peak
4	5720.000	48.68	6.74	55.42	110.80	-55.38	peak
5	5725.000	50.77	6.76	57.53	122.20	-64.67	peak
6	5788.800	108.31	6.90	115.21	131.20	-15.99	peak
7	5850.000	47.81	7.05	54.86	122.20	-67.34	peak
8	5855.000	46.20	7.07	53.27	110.80	-57.53	peak
9	5875.000	46.50	7.12	53.62	105.20	-51.58	peak
10	5925.000	45.47	7.25	52.72	68.20	-15.48	peak
11	6001.600	49.61	7.44	57.05	68.20	-11.15	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
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		

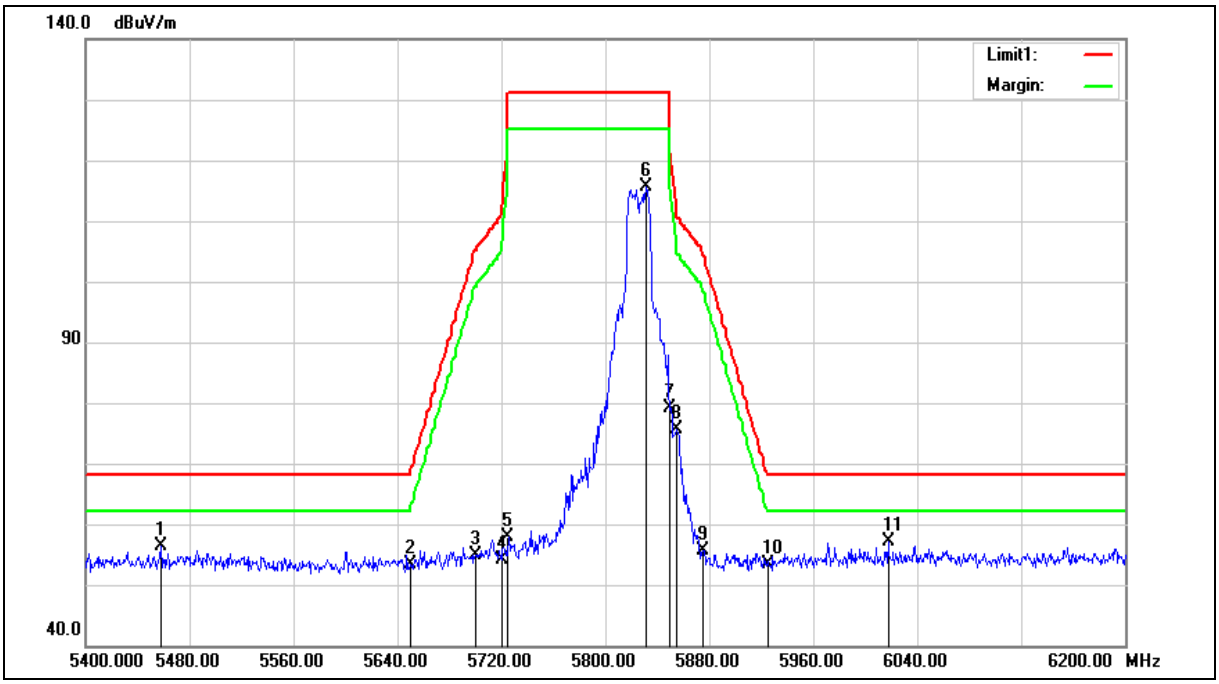
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5620.800	50.45	6.49	56.94	68.20	-11.26	peak
2	5650.000	49.29	6.57	55.86	68.20	-12.34	peak
3	5700.000	50.06	6.69	56.75	105.20	-48.45	peak
4	5720.000	50.56	6.74	57.30	110.80	-53.50	peak
5	5725.000	51.90	6.76	58.66	122.20	-63.54	peak
6	5791.200	109.55	6.91	116.46	131.20	-14.74	peak
7	5850.000	48.27	7.05	55.32	122.20	-66.88	peak
8	5855.000	47.44	7.07	54.51	110.80	-56.29	peak
9	5875.000	46.08	7.12	53.20	105.20	-52.00	peak
10	5925.000	46.73	7.25	53.98	68.20	-14.22	peak
11	6003.200	48.51	7.44	55.95	68.20	-12.25	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
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		

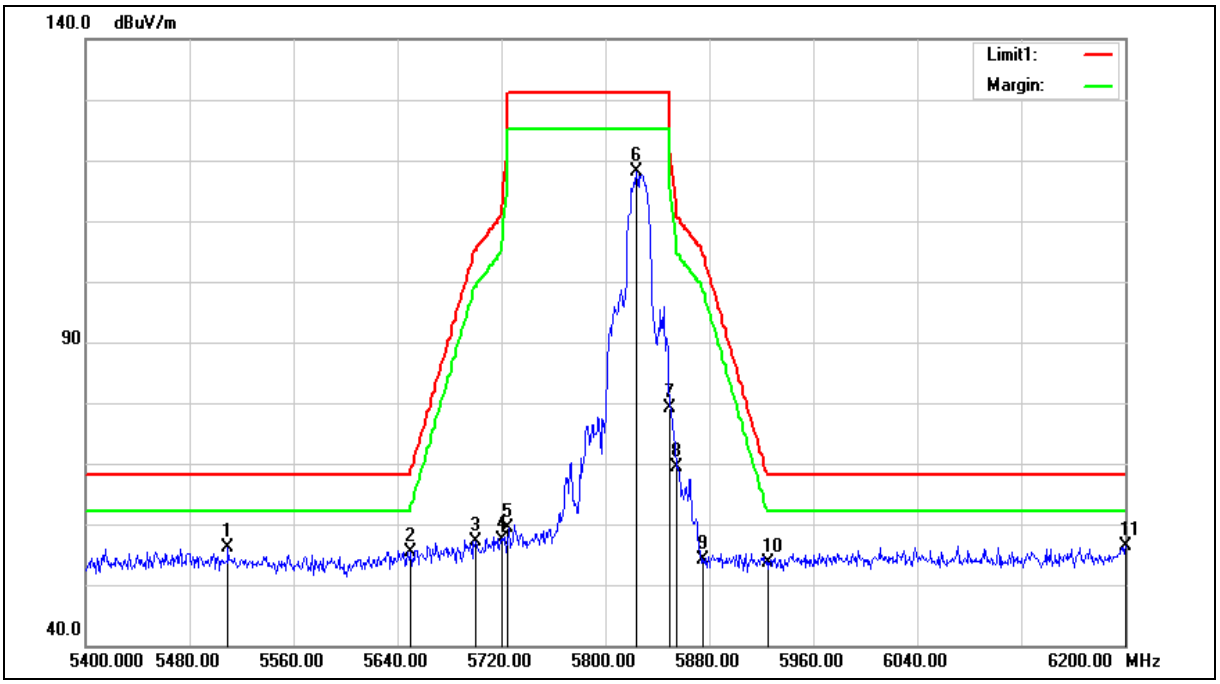
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5458.400	50.16	6.14	56.30	68.20	-11.90	peak
2	5650.000	46.89	6.57	53.46	68.20	-14.74	peak
3	5700.000	48.30	6.69	54.99	105.20	-50.21	peak
4	5720.000	47.30	6.74	54.04	110.80	-56.76	peak
5	5725.000	51.17	6.76	57.93	122.20	-64.27	peak
6	5831.200	108.57	7.01	115.58	131.20	-15.62	peak
7	5850.000	72.05	7.05	79.10	122.20	-43.10	peak
8	5855.000	68.48	7.07	75.55	110.80	-35.25	peak
9	5875.000	48.55	7.12	55.67	105.20	-49.53	peak
10	5925.000	46.14	7.25	53.39	68.20	-14.81	peak
11	6017.600	49.65	7.51	57.16	68.20	-11.04	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:	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		

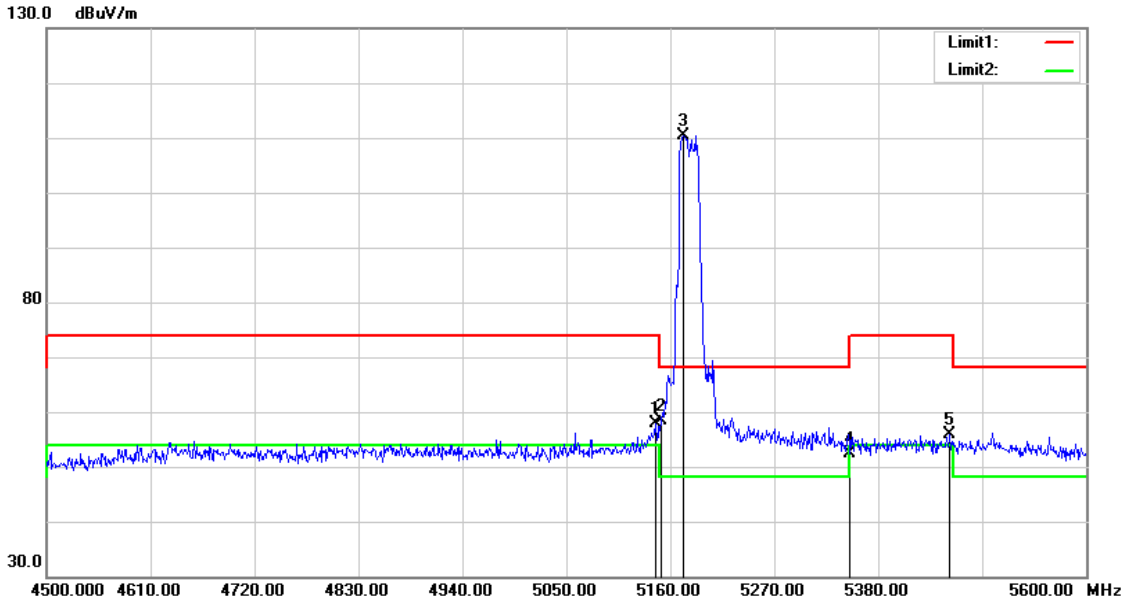
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5509.600	49.82	6.21	56.03	68.20	-12.17	peak
2	5650.000	48.71	6.57	55.28	68.20	-12.92	peak
3	5700.000	50.41	6.69	57.10	105.20	-48.10	peak
4	5720.000	50.57	6.74	57.31	110.80	-53.49	peak
5	5725.000	52.63	6.76	59.39	122.20	-62.81	peak
6	5824.000	111.05	6.99	118.04	131.20	-13.16	peak
7	5850.000	72.04	7.05	79.09	122.20	-43.11	peak
8	5855.000	62.19	7.07	69.26	110.80	-41.54	peak
9	5875.000	46.90	7.12	54.02	105.20	-51.18	peak
10	5925.000	46.36	7.25	53.61	68.20	-14.59	peak
11	6200.000	48.17	8.33	56.50	68.20	-11.70	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



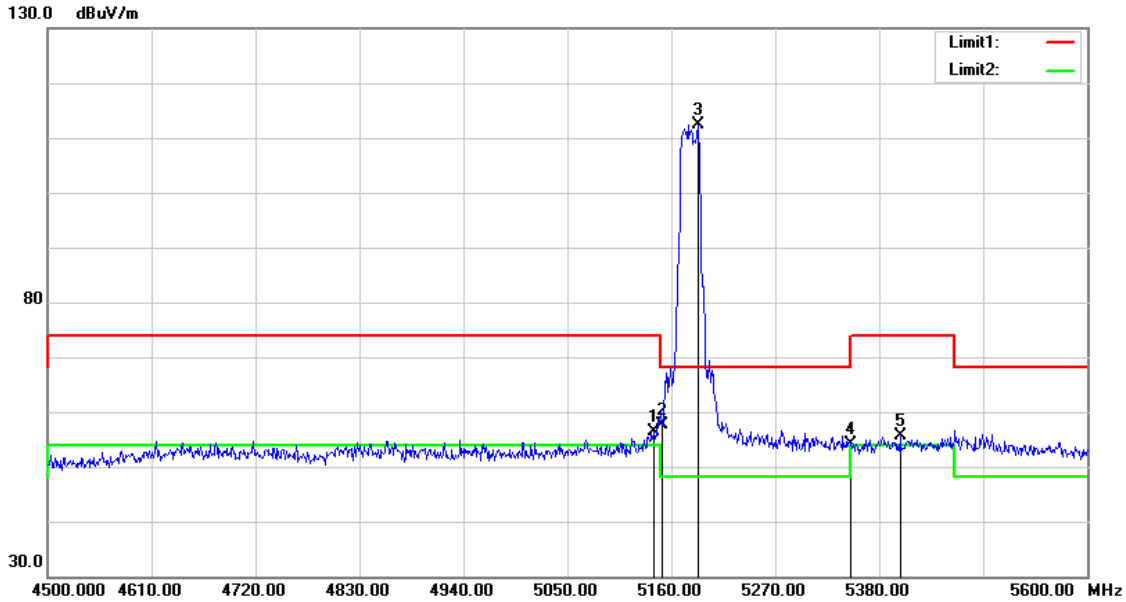
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	52.14	5.76	57.90	74.00	-16.10	peak
2	5150.000	52.53	5.75	58.28	74.00	-15.72	peak
3	5173.200	104.54	5.78	110.32	68.20	42.12	peak
4	5350.000	46.30	6.00	52.30	74.00	-21.70	peak
5	5455.900	49.70	6.13	55.83	74.00	-18.17	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



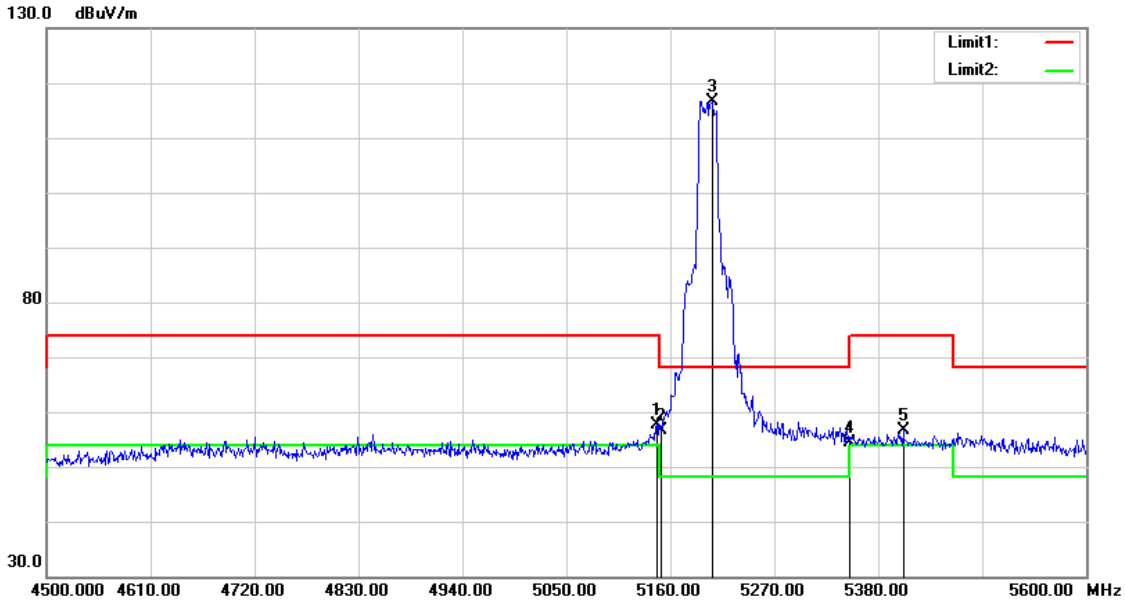
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.300	50.73	5.75	56.48	74.00	-17.52	peak
2	5150.000	51.83	5.75	57.58	74.00	-16.42	peak
3	5188.600	106.55	5.80	112.35	68.20	44.15	peak
4	5350.000	48.13	6.00	54.13	74.00	-19.87	peak
5	5402.000	49.52	6.07	55.59	74.00	-18.41	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



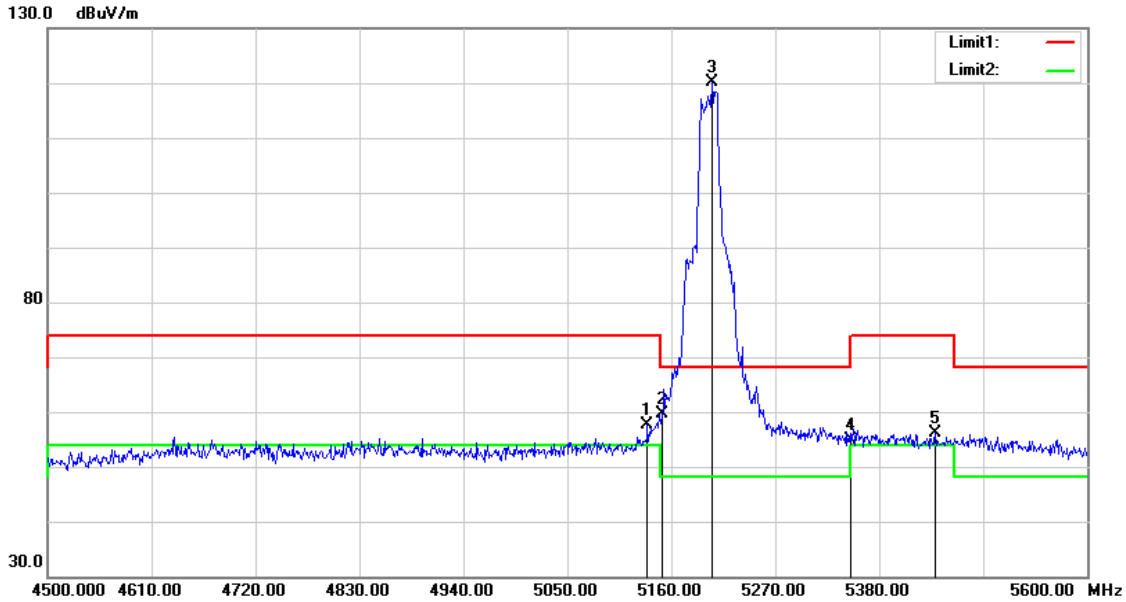
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	51.93	5.76	57.69	74.00	-16.31	peak
2	5150.000	50.87	5.75	56.62	74.00	-17.38	peak
3	5204.000	110.88	5.82	116.70	68.20	48.50	peak
4	5350.000	48.46	6.00	54.46	74.00	-19.54	peak
5	5406.400	50.43	6.08	56.51	74.00	-17.49	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:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



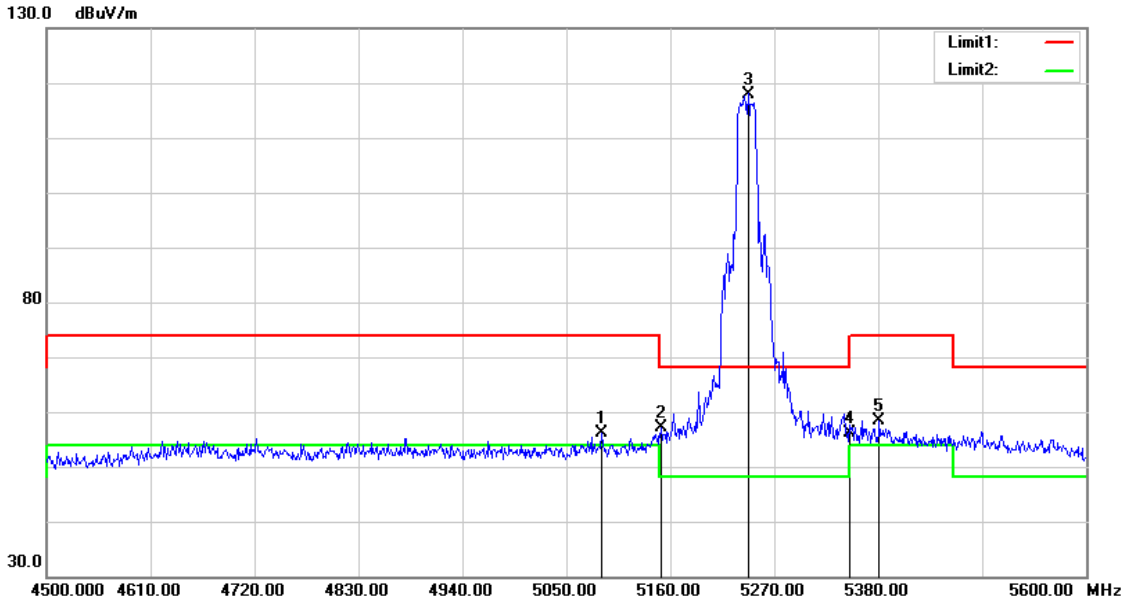
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5134.700	51.77	5.74	57.51	74.00	-16.49	peak
2	5150.000	53.76	5.75	59.51	74.00	-14.49	peak
3	5202.900	114.29	5.82	120.11	68.20	51.91	peak
4	5350.000	48.96	6.00	54.96	74.00	-19.04	peak
5	5439.400	49.89	6.12	56.01	74.00	-17.99	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:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



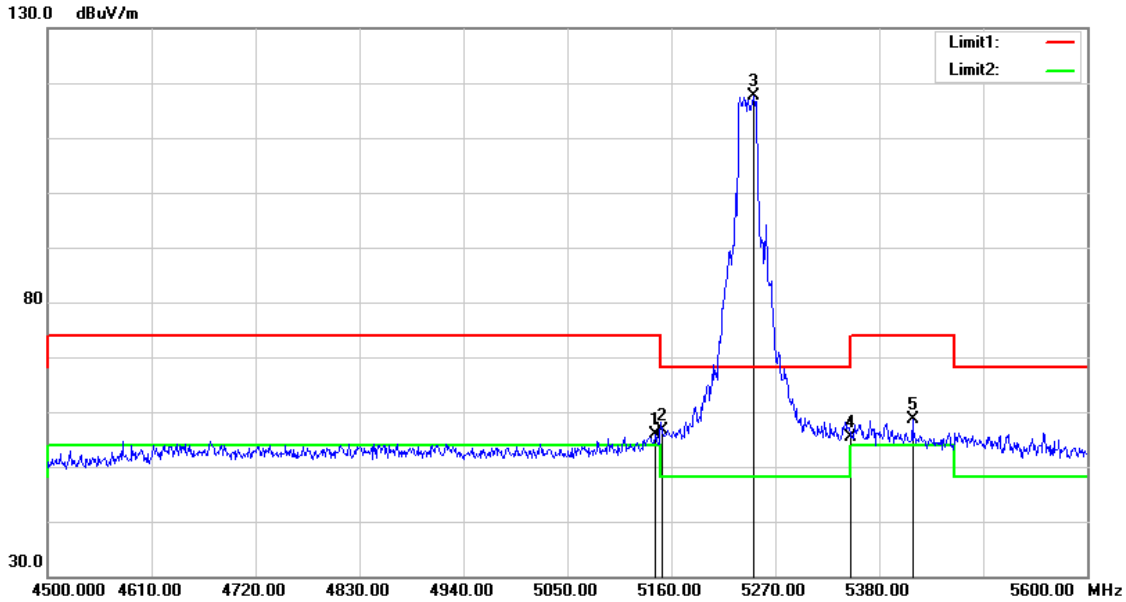
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5087.400	50.44	5.68	56.12	74.00	-17.88	peak
2	5150.000	51.36	5.75	57.11	74.00	-16.89	peak
3	5242.500	112.13	5.87	118.00	68.20	49.80	peak
4	5350.000	50.24	6.00	56.24	74.00	-17.76	peak
5	5381.100	52.29	6.04	58.33	74.00	-15.67	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



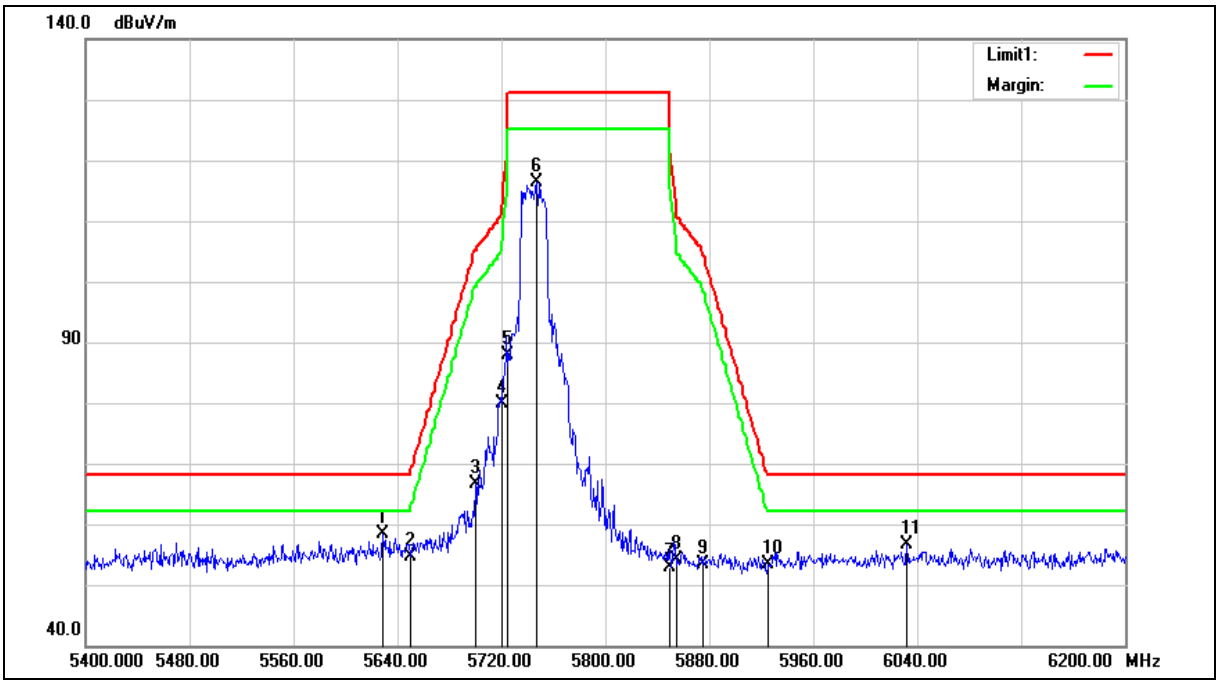
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.500	50.19	5.75	55.94	74.00	-18.06	peak
2	5150.000	50.97	5.75	56.72	74.00	-17.28	peak
3	5246.900	111.85	5.88	117.73	68.20	49.53	peak
4	5350.000	49.35	6.00	55.35	74.00	-18.65	peak
5	5415.200	52.52	6.08	58.60	74.00	-15.40	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		

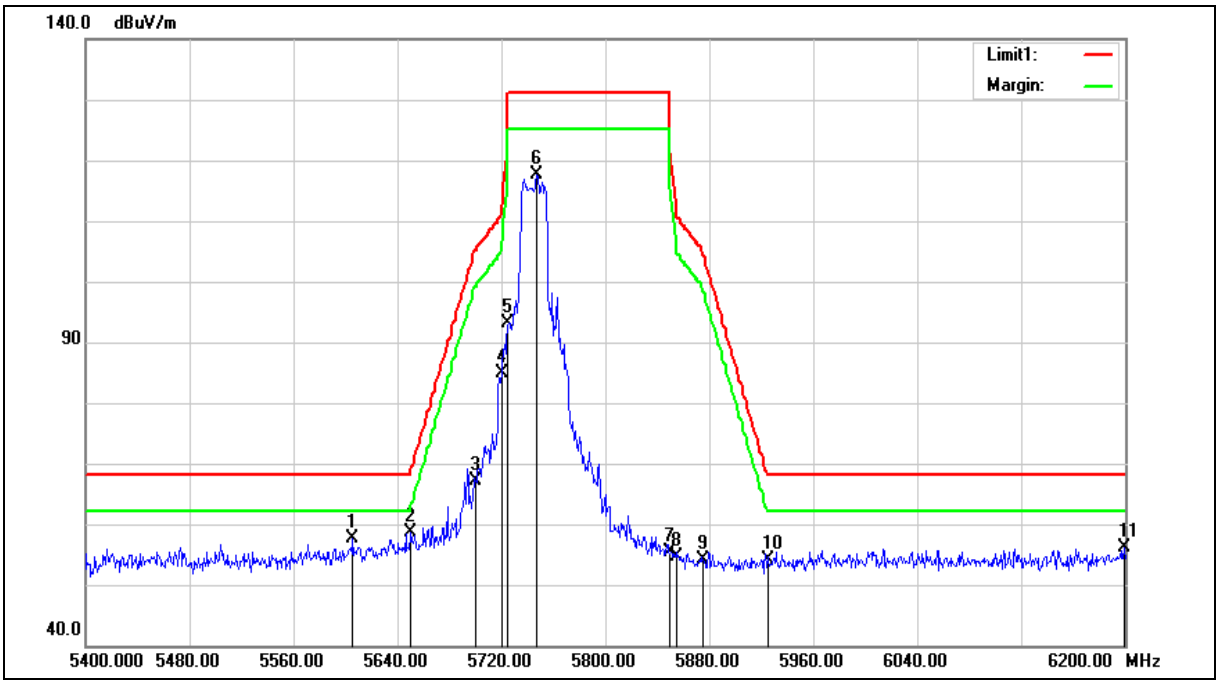
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5628.800	51.97	6.51	58.48	68.20	-9.72	peak
2	5650.000	48.15	6.57	54.72	68.20	-13.48	peak
3	5700.000	59.87	6.69	66.56	105.20	-38.64	peak
4	5720.000	73.21	6.74	79.95	110.80	-30.85	peak
5	5725.000	81.21	6.76	87.97	122.20	-34.23	peak
6	5747.200	109.64	6.81	116.45	131.20	-14.75	peak
7	5850.000	45.92	7.05	52.97	122.20	-69.23	peak
8	5855.000	46.94	7.07	54.01	110.80	-56.79	peak
9	5875.000	46.21	7.12	53.33	105.20	-51.87	peak
10	5925.000	46.15	7.25	53.40	68.20	-14.80	peak
11	6032.000	48.95	7.57	56.52	68.20	-11.68	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		

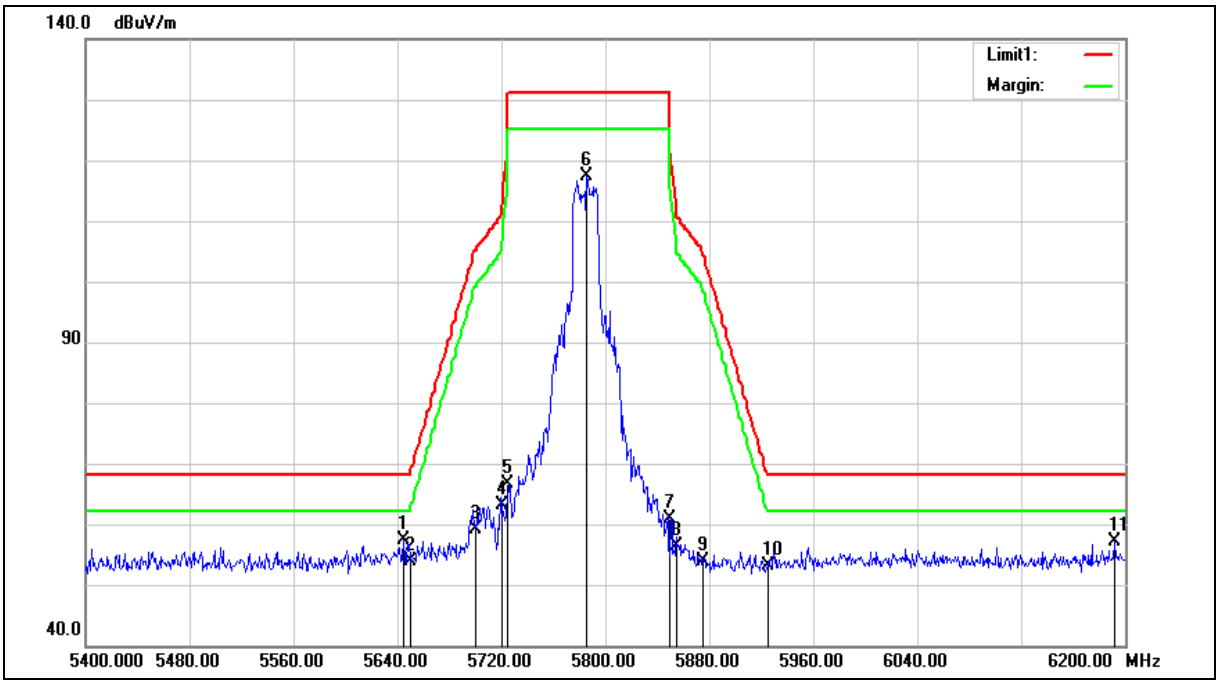
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5605.600	51.23	6.45	57.68	68.20	-10.52	peak
2	5650.000	52.05	6.57	58.62	68.20	-9.58	peak
3	5700.000	60.43	6.69	67.12	105.20	-38.08	peak
4	5720.000	78.20	6.74	84.94	110.80	-25.86	peak
5	5725.000	86.30	6.76	93.06	122.20	-29.14	peak
6	5747.200	110.71	6.81	117.52	131.20	-13.68	peak
7	5850.000	48.23	7.05	55.28	122.20	-66.92	peak
8	5855.000	47.48	7.07	54.55	110.80	-56.25	peak
9	5875.000	46.99	7.12	54.11	105.20	-51.09	peak
10	5925.000	46.99	7.25	54.24	68.20	-13.96	peak
11	6199.200	47.70	8.32	56.02	68.20	-12.18	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:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		

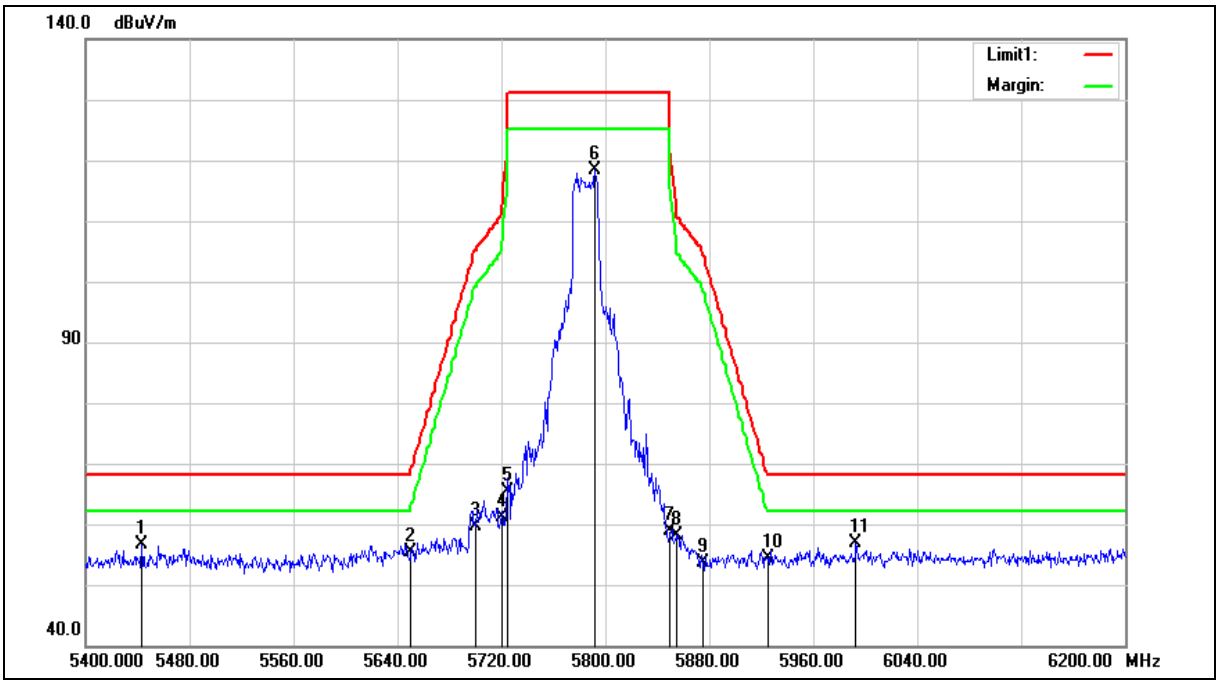
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.800	50.83	6.55	57.38	68.20	-10.82	peak
2	5650.000	47.35	6.57	53.92	68.20	-14.28	peak
3	5700.000	52.51	6.69	59.20	105.20	-46.00	peak
4	5720.000	56.30	6.74	63.04	110.80	-47.76	peak
5	5725.000	59.75	6.76	66.51	122.20	-55.69	peak
6	5785.600	110.53	6.90	117.43	131.20	-13.77	peak
7	5850.000	53.92	7.05	60.97	122.20	-61.23	peak
8	5855.000	49.29	7.07	56.36	110.80	-54.44	peak
9	5875.000	46.86	7.12	53.98	105.20	-51.22	peak
10	5925.000	45.98	7.25	53.23	68.20	-14.97	peak
11	6192.000	48.74	8.29	57.03	68.20	-11.17	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		

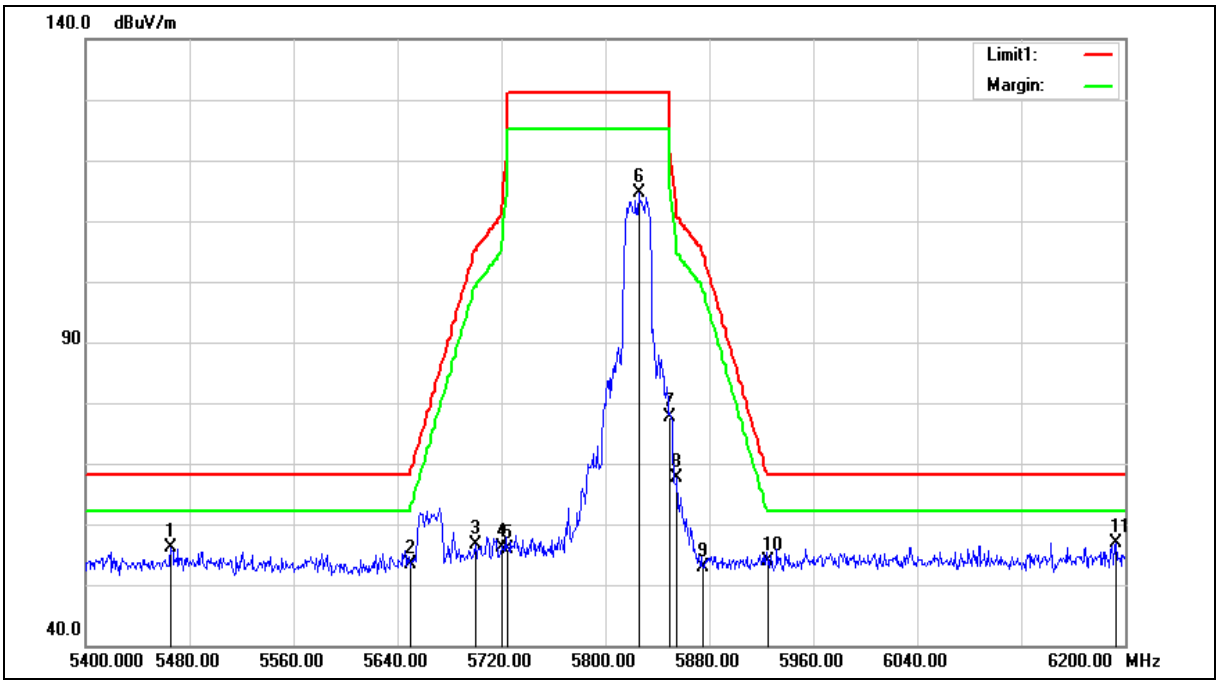
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5443.200	50.47	6.12	56.59	68.20	-11.61	peak
2	5650.000	48.87	6.57	55.44	68.20	-12.76	peak
3	5700.000	53.03	6.69	59.72	105.20	-45.48	peak
4	5720.000	54.40	6.74	61.14	110.80	-49.66	peak
5	5725.000	58.67	6.76	65.43	122.20	-56.77	peak
6	5792.000	111.50	6.91	118.41	131.20	-12.79	peak
7	5850.000	51.85	7.05	58.90	122.20	-63.30	peak
8	5855.000	51.07	7.07	58.14	110.80	-52.66	peak
9	5875.000	46.39	7.12	53.51	105.20	-51.69	peak
10	5925.000	47.23	7.25	54.48	68.20	-13.72	peak
11	5992.800	49.46	7.41	56.87	68.20	-11.33	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		

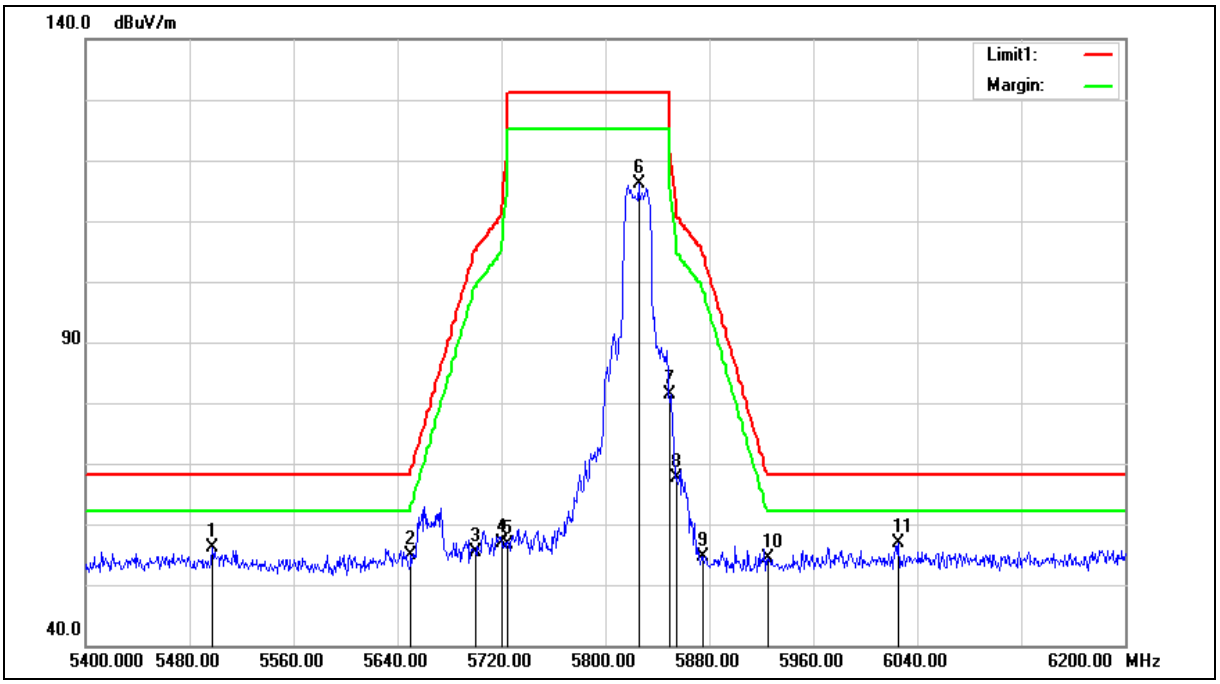
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5465.600	50.05	6.14	56.19	68.20	-12.01	peak
2	5650.000	46.88	6.57	53.45	68.20	-14.75	peak
3	5700.000	49.94	6.69	56.63	105.20	-48.57	peak
4	5720.000	49.51	6.74	56.25	110.80	-54.55	peak
5	5725.000	49.24	6.76	56.00	122.20	-66.20	peak
6	5825.600	107.69	7.00	114.69	131.20	-16.51	peak
7	5850.000	70.64	7.05	77.69	122.20	-44.51	peak
8	5855.000	60.58	7.07	67.65	110.80	-43.15	peak
9	5875.000	45.77	7.12	52.89	105.20	-52.31	peak
10	5925.000	46.72	7.25	53.97	68.20	-14.23	peak
11	6192.800	48.64	8.30	56.94	68.20	-11.26	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 8		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		

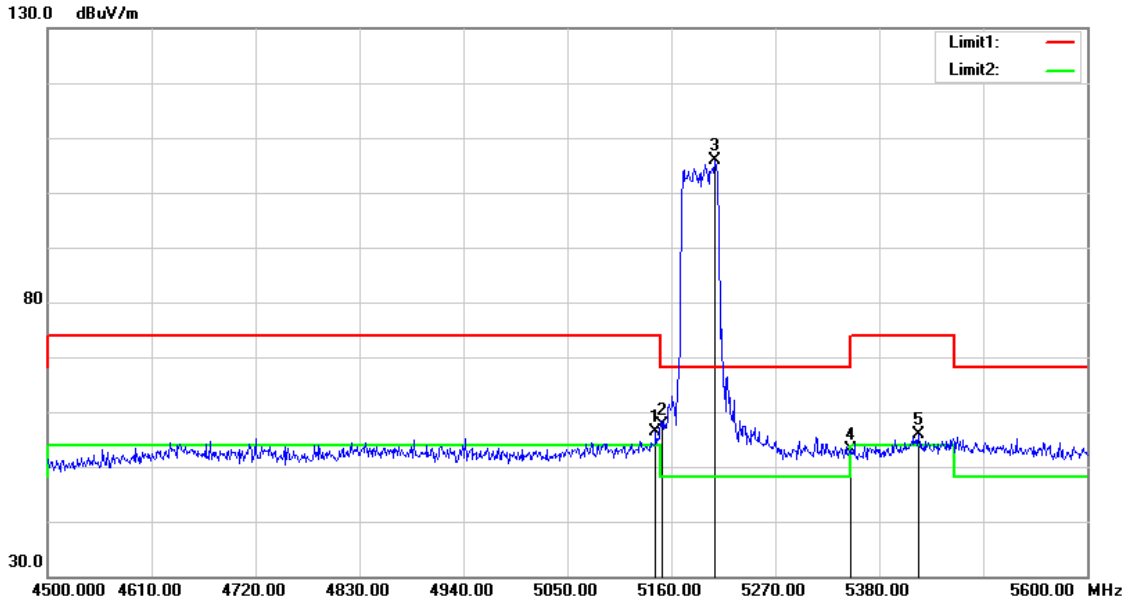
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5497.600	49.99	6.19	56.18	68.20	-12.02	peak
2	5650.000	48.23	6.57	54.80	68.20	-13.40	peak
3	5700.000	48.71	6.69	55.40	105.20	-49.80	peak
4	5720.000	50.24	6.74	56.98	110.80	-53.82	peak
5	5725.000	49.96	6.76	56.72	122.20	-65.48	peak
6	5825.600	109.03	7.00	116.03	131.20	-15.17	peak
7	5850.000	74.32	7.05	81.37	122.20	-40.83	peak
8	5855.000	60.48	7.07	67.55	110.80	-43.25	peak
9	5875.000	47.53	7.12	54.65	105.20	-50.55	peak
10	5925.000	47.11	7.25	54.36	68.20	-13.84	peak
11	6025.600	49.22	7.54	56.76	68.20	-11.44	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



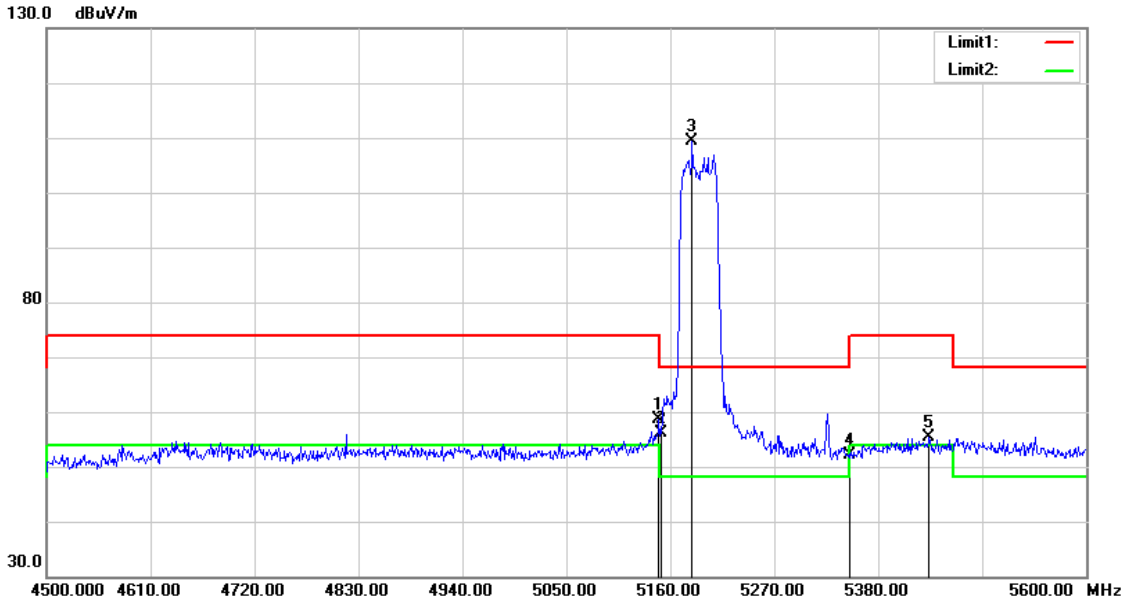
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.500	50.57	5.75	56.32	74.00	-17.68	peak
2	5150.000	51.87	5.75	57.62	74.00	-16.38	peak
3	5206.200	100.15	5.82	105.97	68.20	37.77	peak
4	5350.000	47.10	6.00	53.10	74.00	-20.90	peak
5	5421.800	49.87	6.10	55.97	74.00	-18.03	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:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



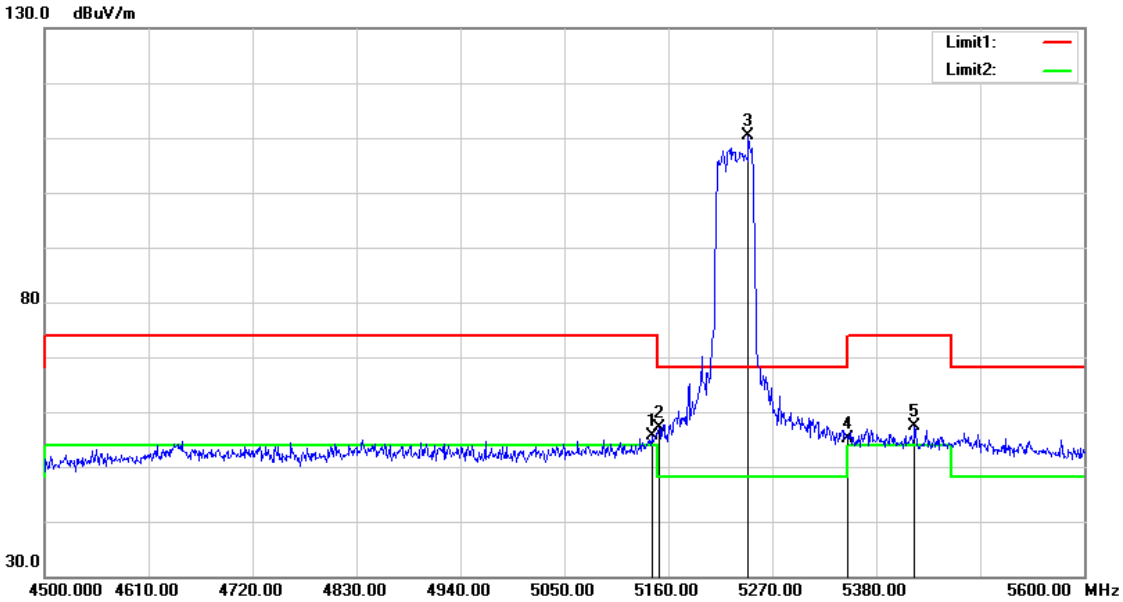
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	52.86	5.76	58.62	74.00	-15.38	peak
2	5150.000	50.26	5.75	56.01	74.00	-17.99	peak
3	5183.100	103.49	5.80	109.29	68.20	41.09	peak
4	5350.000	46.16	6.00	52.16	74.00	-21.84	peak
5	5433.900	49.15	6.11	55.26	74.00	-18.74	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



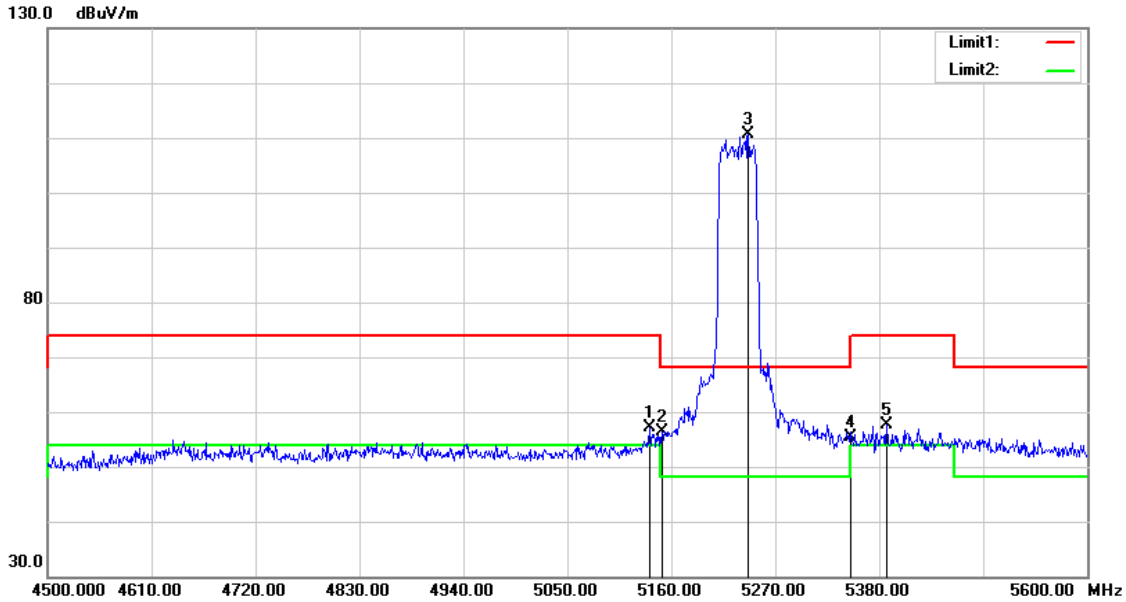
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.400	49.91	5.75	55.66	74.00	-18.34	peak
2	5150.000	51.34	5.75	57.09	74.00	-16.91	peak
3	5244.700	104.54	5.88	110.42	68.20	42.22	peak
4	5350.000	49.18	6.00	55.18	74.00	-18.82	peak
5	5420.700	51.29	6.10	57.39	74.00	-16.61	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:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



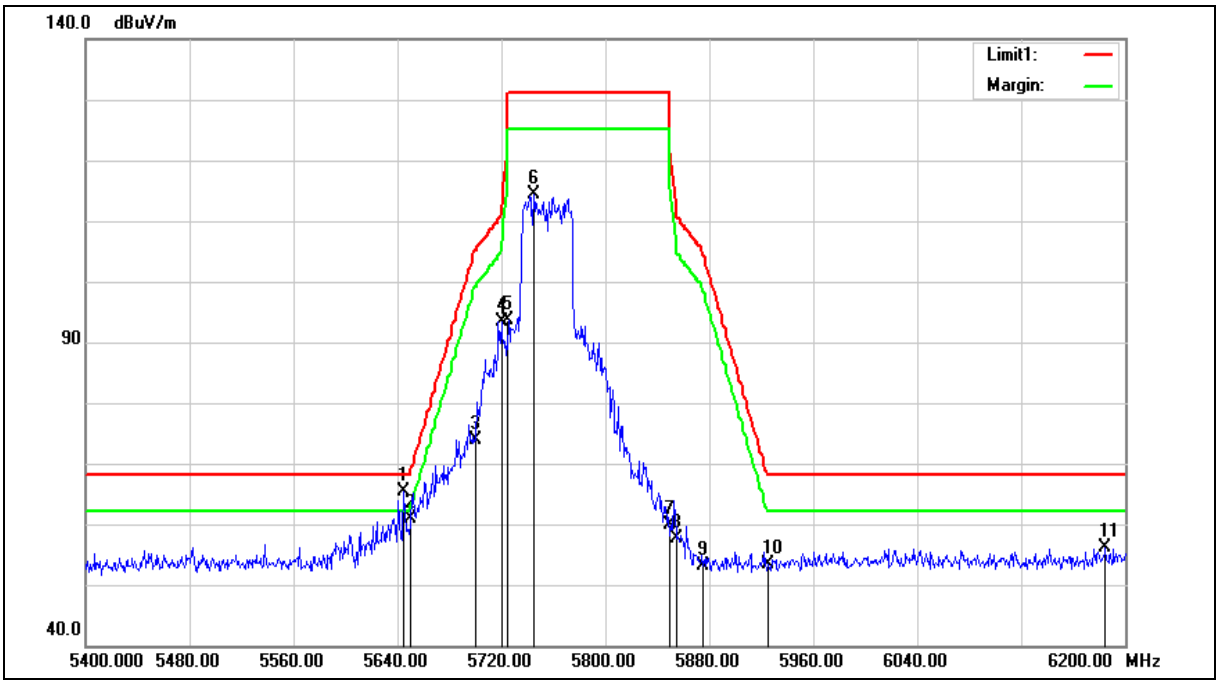
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5136.900	51.41	5.74	57.15	74.00	-16.85	peak
2	5150.000	50.63	5.75	56.38	74.00	-17.62	peak
3	5241.400	104.80	5.87	110.67	68.20	42.47	peak
4	5350.000	49.30	6.00	55.30	74.00	-18.70	peak
5	5387.700	51.51	6.05	57.56	74.00	-16.44	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

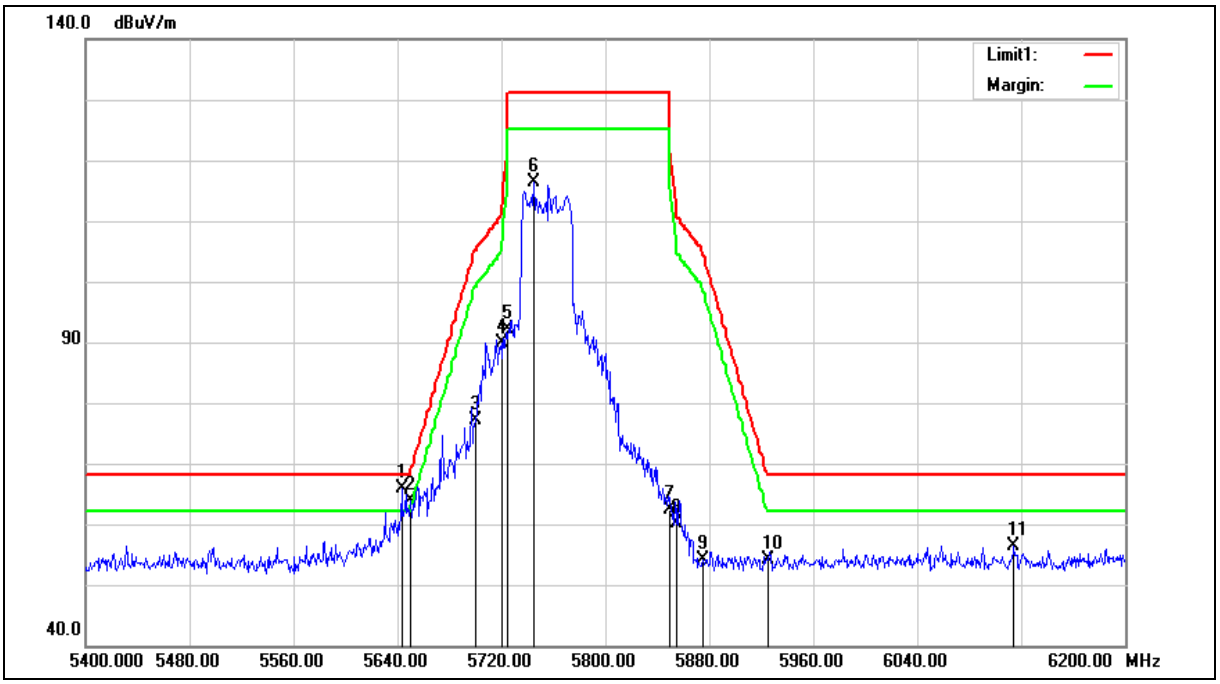
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.800	58.76	6.55	65.31	68.20	-2.89	peak
2	5650.000	54.24	6.57	60.81	68.20	-7.39	peak
3	5700.000	67.12	6.69	73.81	105.20	-31.39	peak
4	5720.000	86.60	6.74	93.34	110.80	-17.46	peak
5	5725.000	86.93	6.76	93.69	122.20	-28.51	peak
6	5744.800	107.51	6.80	114.31	131.20	-16.89	peak
7	5850.000	52.88	7.05	59.93	122.20	-62.27	peak
8	5855.000	50.59	7.07	57.66	110.80	-53.14	peak
9	5875.000	45.94	7.12	53.06	105.20	-52.14	peak
10	5925.000	46.18	7.25	53.43	68.20	-14.77	peak
11	6184.800	47.83	8.26	56.09	68.20	-12.11	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

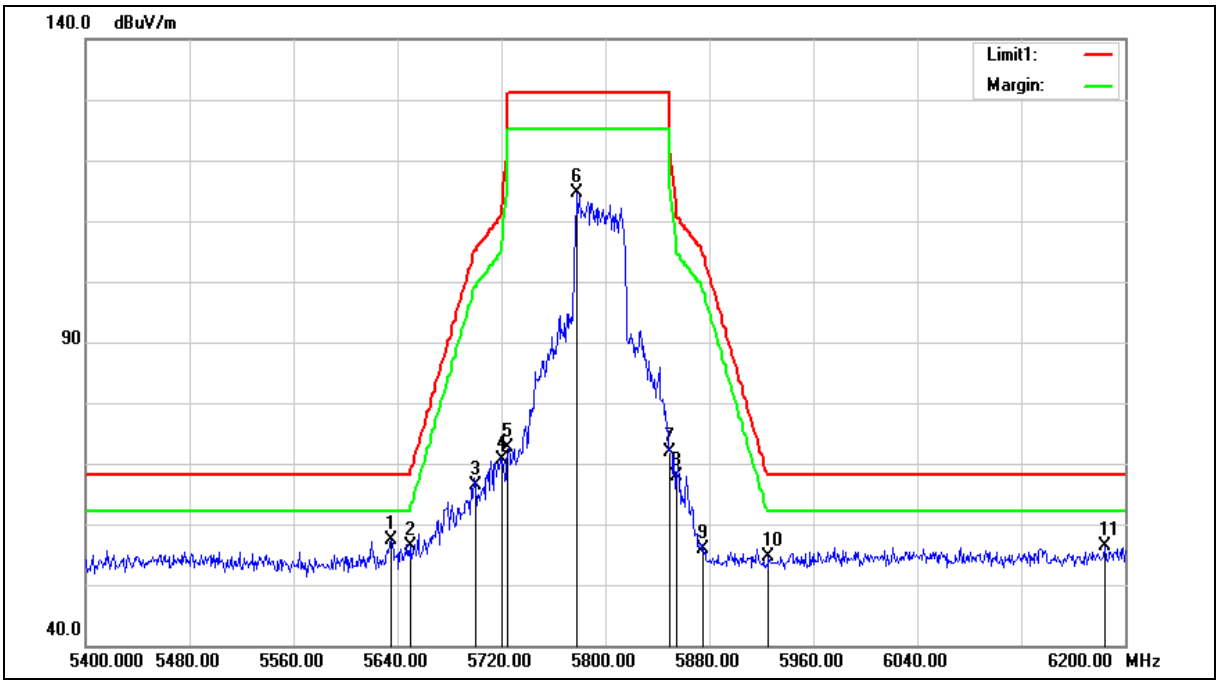
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5643.200	59.21	6.55	65.76	68.20	-2.44	peak
2	5650.000	57.39	6.57	63.96	68.20	-4.24	peak
3	5700.000	70.35	6.69	77.04	105.20	-28.16	peak
4	5720.000	83.05	6.74	89.79	110.80	-21.01	peak
5	5725.000	85.47	6.76	92.23	122.20	-29.97	peak
6	5744.800	109.52	6.80	116.32	131.20	-14.88	peak
7	5850.000	55.35	7.05	62.40	122.20	-59.80	peak
8	5855.000	52.97	7.07	60.04	110.80	-50.76	peak
9	5875.000	47.01	7.12	54.13	105.20	-51.07	peak
10	5925.000	46.95	7.25	54.20	68.20	-14.00	peak
11	6114.400	48.54	7.95	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:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

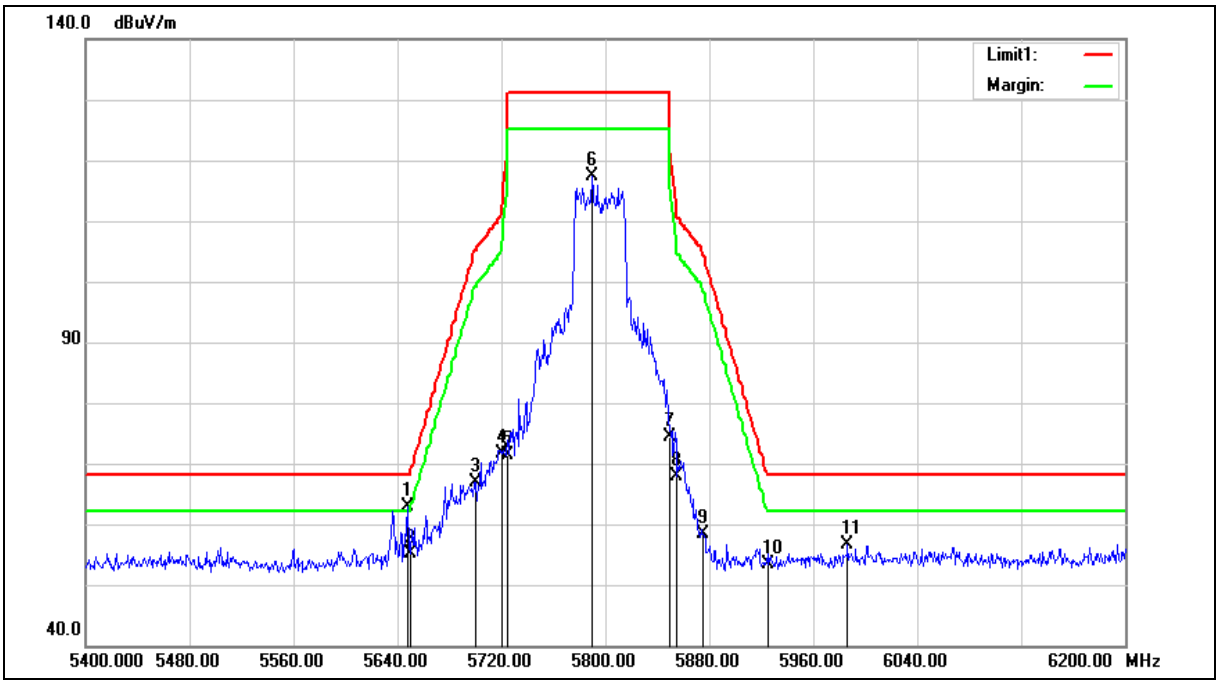
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5635.200	50.92	6.57	57.49	68.20	-10.71	peak
2	5650.000	49.82	6.61	56.43	68.20	-11.77	peak
3	5700.000	59.73	6.74	66.47	105.20	-38.73	peak
4	5720.000	63.82	6.79	70.61	110.80	-40.19	peak
5	5725.000	65.85	6.81	72.66	122.20	-49.54	peak
6	5778.400	107.59	6.94	114.53	131.20	-16.67	peak
7	5850.000	64.77	7.13	71.90	122.20	-50.30	peak
8	5855.000	60.82	7.15	67.97	110.80	-42.83	peak
9	5875.000	48.59	7.20	55.79	105.20	-49.41	peak
10	5925.000	47.26	7.34	54.60	68.20	-13.60	peak
11	6184.800	48.15	8.34	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:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

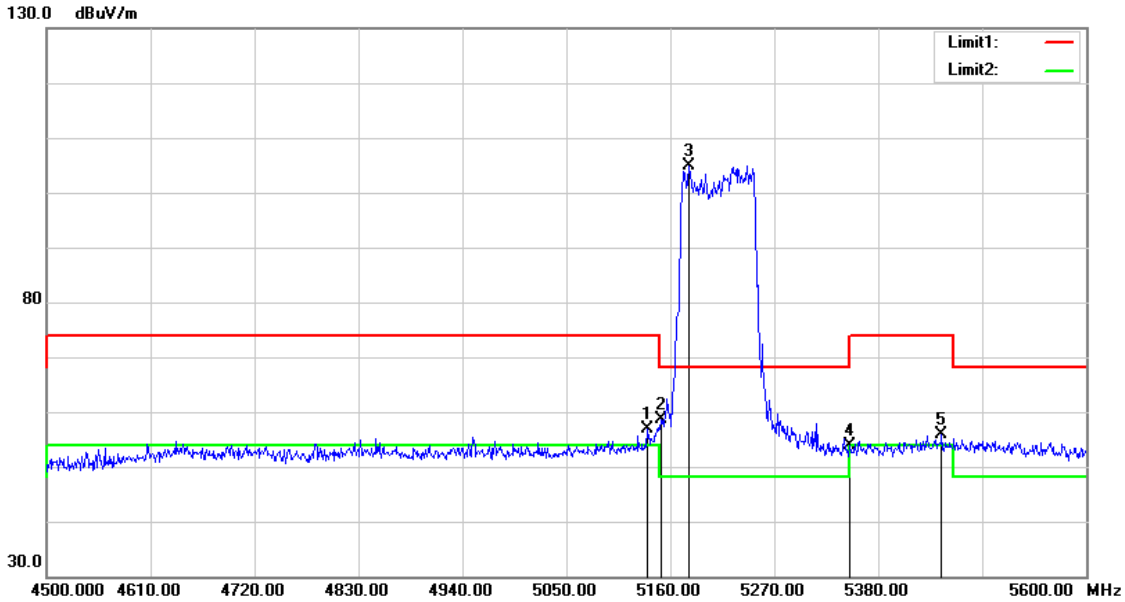
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5648.000	56.24	6.61	62.85	68.20	-5.35	peak
2	5650.000	48.43	6.61	55.04	68.20	-13.16	peak
3	5700.000	60.08	6.74	66.82	105.20	-38.38	peak
4	5720.000	64.77	6.79	71.56	110.80	-39.24	peak
5	5725.000	64.69	6.81	71.50	122.20	-50.70	peak
6	5789.600	110.40	6.98	117.38	131.20	-13.82	peak
7	5850.000	67.26	7.13	74.39	122.20	-47.81	peak
8	5855.000	60.79	7.15	67.94	110.80	-42.86	peak
9	5875.000	51.17	7.20	58.37	105.20	-46.83	peak
10	5925.000	46.02	7.34	53.36	68.20	-14.84	peak
11	5986.400	49.20	7.49	56.69	68.20	-11.51	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



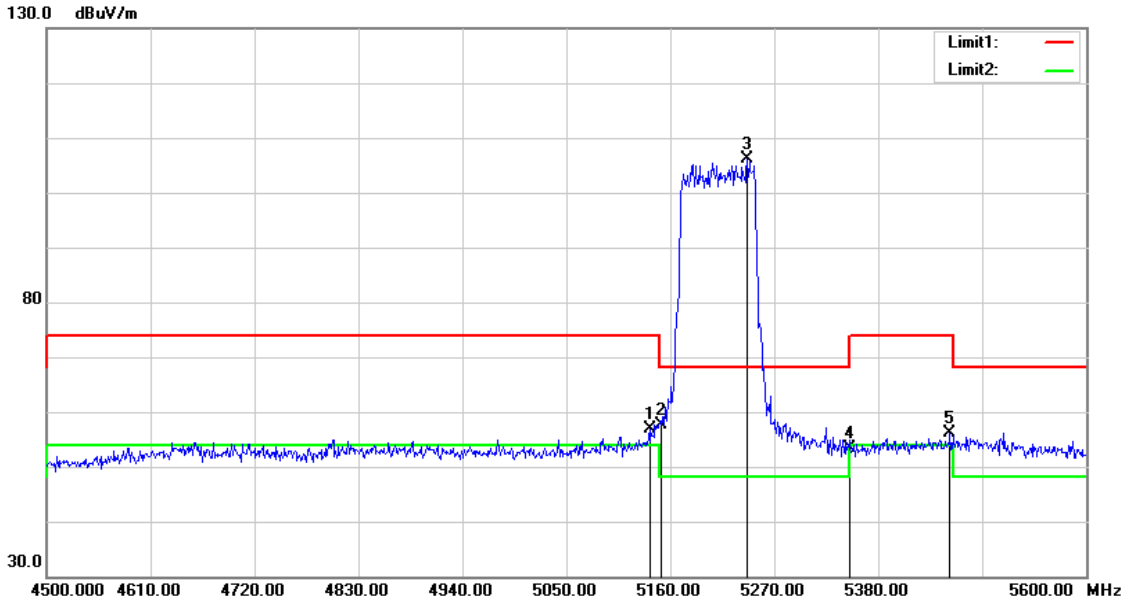
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5135.800	51.18	5.80	56.98	74.00	-17.02	peak
2	5150.000	52.78	5.81	58.59	74.00	-15.41	peak
3	5179.800	99.03	5.84	104.87	68.20	36.67	peak
4	5350.000	47.92	6.03	53.95	74.00	-20.05	peak
5	5447.100	49.65	6.16	55.81	74.00	-18.19	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:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



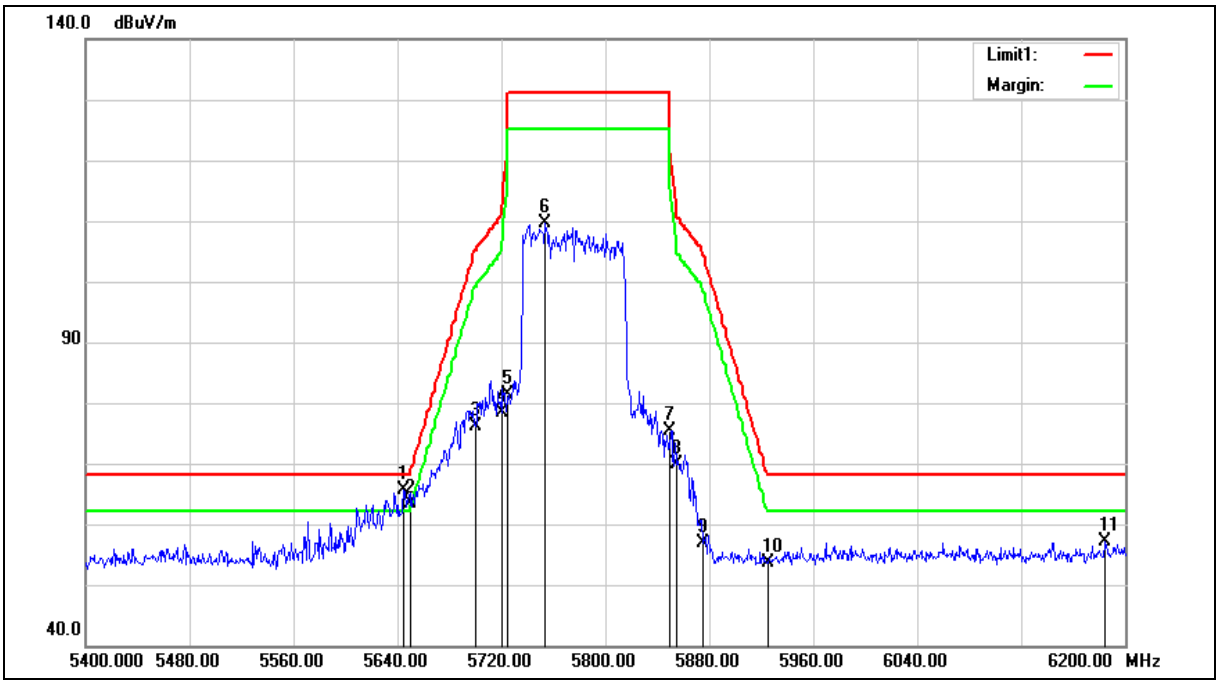
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.000	51.05	5.80	56.85	74.00	-17.15	peak
2	5150.000	51.74	5.81	57.55	74.00	-16.45	peak
3	5241.400	100.12	5.92	106.04	68.20	37.84	peak
4	5350.000	47.23	6.03	53.26	74.00	-20.74	peak
5	5455.900	49.97	6.15	56.12	74.00	-17.88	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:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

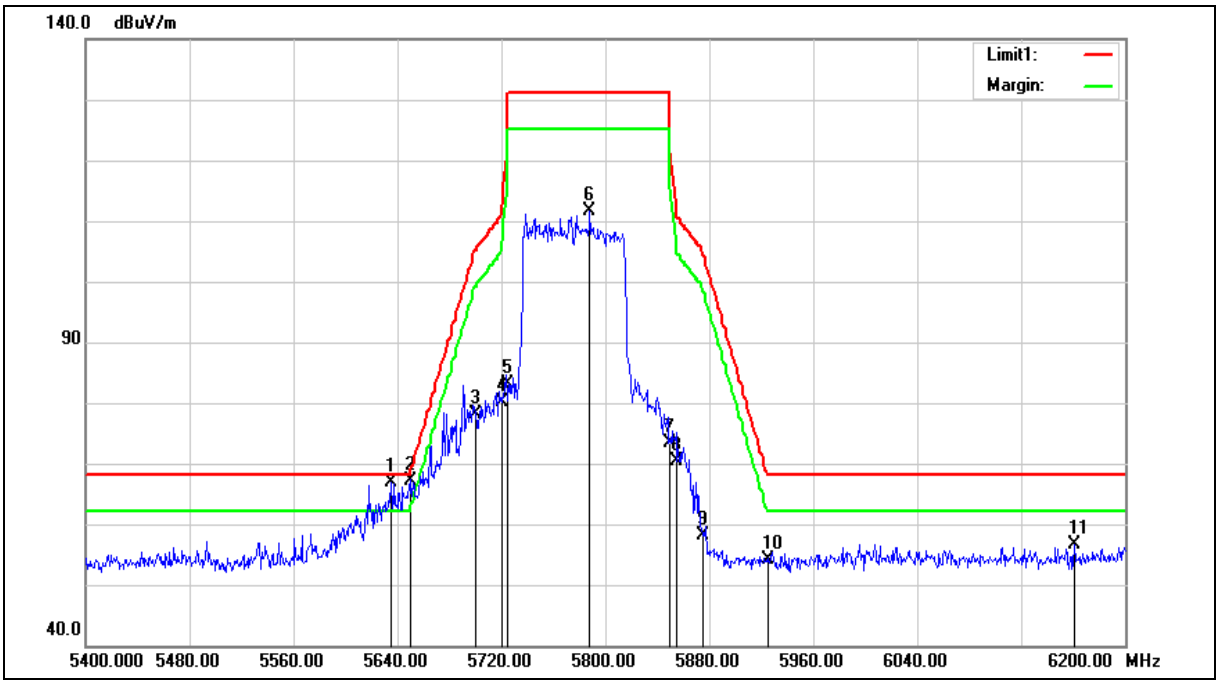
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.800	58.95	6.59	65.54	68.20	-2.66	peak
2	5650.000	56.77	6.61	63.38	68.20	-4.82	peak
3	5700.000	69.33	6.74	76.07	105.20	-29.13	peak
4	5720.000	71.57	6.79	78.36	110.80	-32.44	peak
5	5725.000	74.62	6.81	81.43	122.20	-40.77	peak
6	5753.600	102.72	6.88	109.60	131.20	-21.60	peak
7	5850.000	68.22	7.13	75.35	122.20	-46.85	peak
8	5855.000	62.81	7.15	69.96	110.80	-40.84	peak
9	5875.000	49.59	7.20	56.79	105.20	-48.41	peak
10	5925.000	46.27	7.34	53.61	68.20	-14.59	peak
11	6184.800	48.70	8.34	57.04	68.20	-11.16	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:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5635.200	60.20	6.57	66.77	68.20	-1.43	peak
2	5650.000	60.64	6.61	67.25	68.20	-0.95	peak
3	5700.000	71.27	6.74	78.01	105.20	-27.19	peak
4	5720.000	73.37	6.79	80.16	110.80	-30.64	peak
5	5725.000	76.28	6.81	83.09	122.20	-39.11	peak
6	5788.000	104.75	6.97	111.72	131.20	-19.48	peak
7	5850.000	66.19	7.13	73.32	122.20	-48.88	peak
8	5855.000	63.33	7.15	70.48	110.80	-40.32	peak
9	5875.000	51.04	7.20	58.24	105.20	-46.96	peak
10	5925.000	46.83	7.34	54.17	68.20	-14.03	peak
11	6160.800	48.43	8.24	56.67	68.20	-11.53	peak

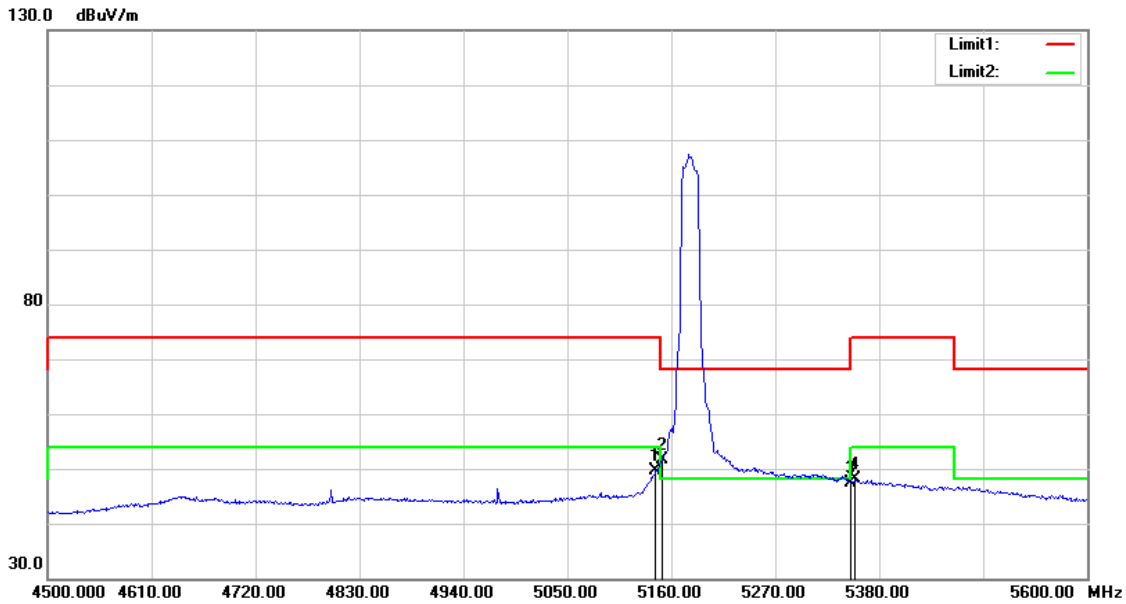
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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

Average

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



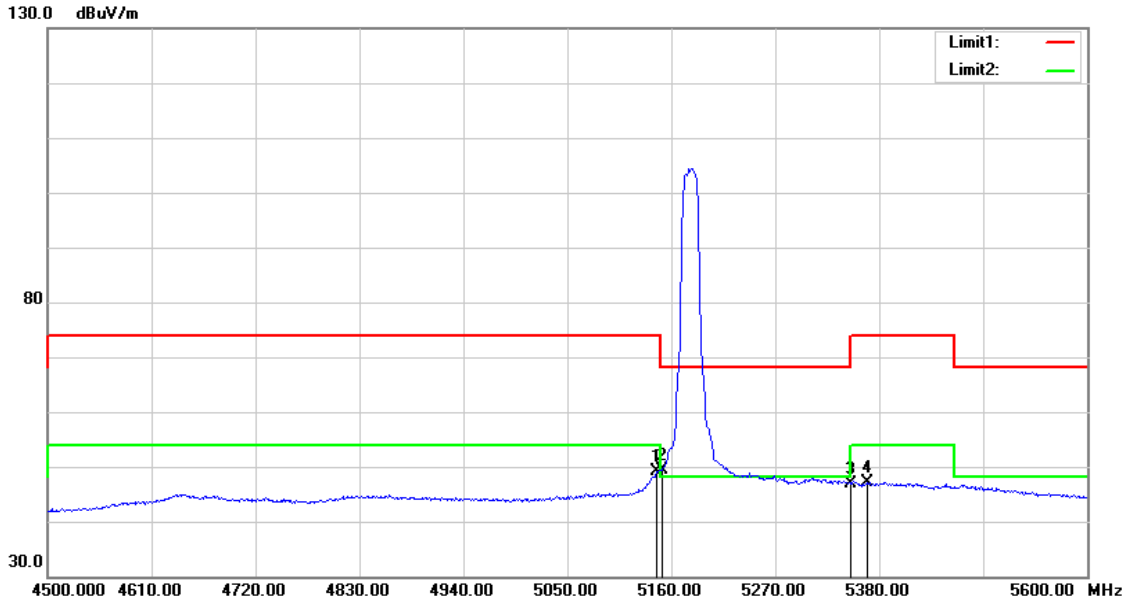
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.500	43.94	5.75	49.69	54.00	-4.31	AVG
2	5150.000	45.78	5.75	51.53	54.00	-2.47	AVG
3	5350.000	41.41	6.00	47.41	54.00	-6.59	AVG
4	5354.700	42.05	6.00	48.05	54.00	-5.95	AVG

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:	5180 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



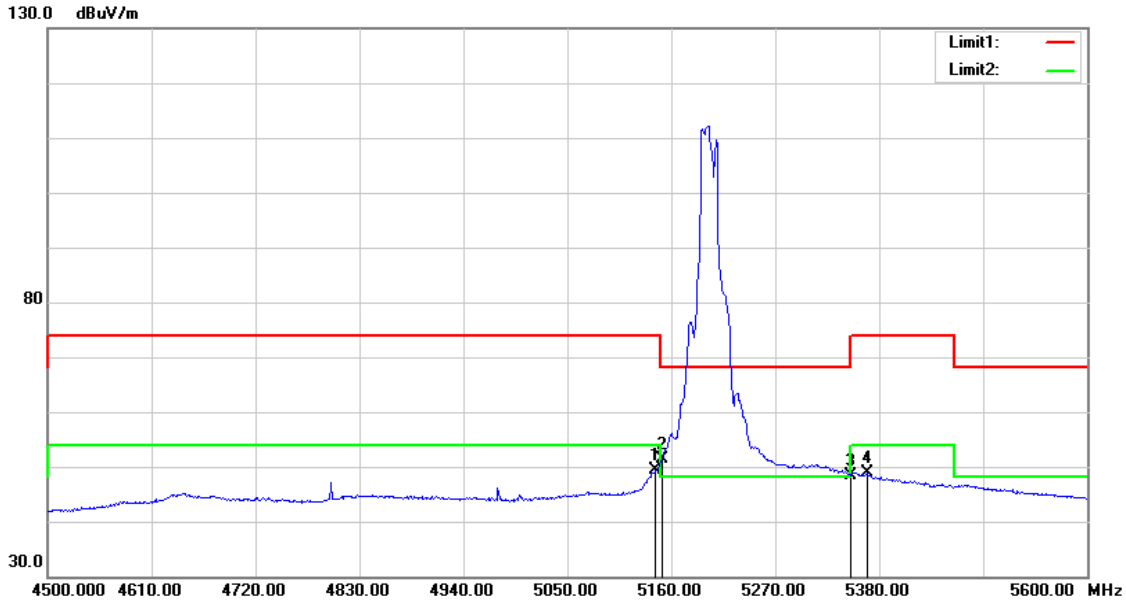
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	43.45	5.76	49.21	54.00	-4.79	AVG
2	5150.000	43.63	5.75	49.38	54.00	-4.62	AVG
3	5350.000	40.85	6.00	46.85	54.00	-7.15	AVG
4	5366.800	41.15	6.02	47.17	54.00	-6.83	AVG

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		



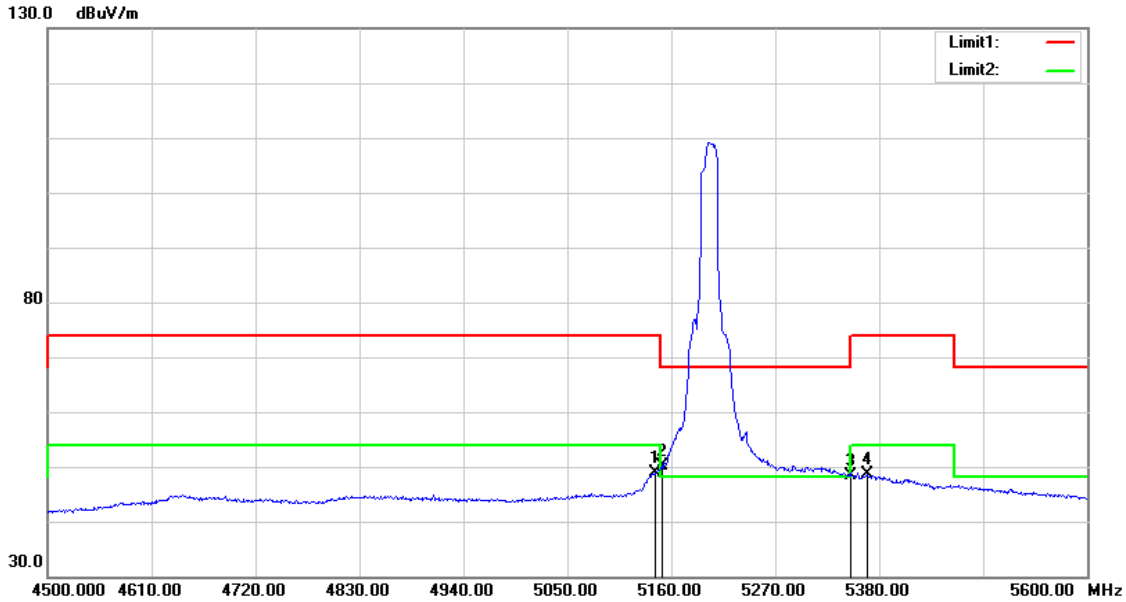
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.500	43.68	5.75	49.43	54.00	-4.57	AVG
2	5150.000	45.70	5.75	51.45	54.00	-2.55	AVG
3	5350.000	42.34	6.00	48.34	54.00	-5.66	AVG
4	5366.800	42.75	6.02	48.77	74.00	-25.23	QP

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:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



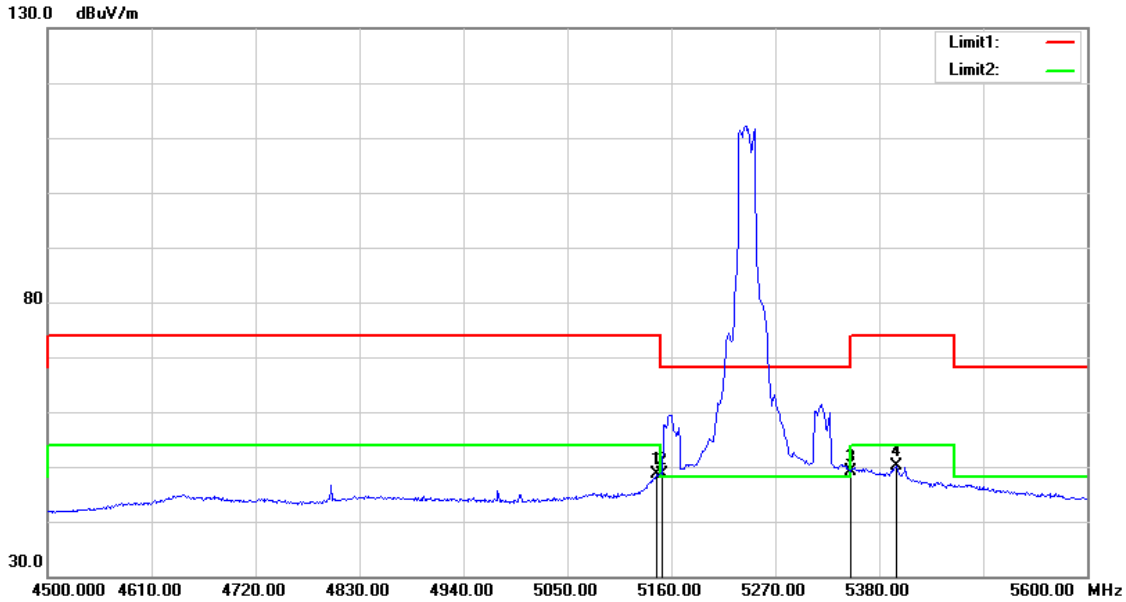
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.500	43.09	5.75	48.84	54.00	-5.16	AVG
2	5150.000	44.31	5.75	50.06	54.00	-3.94	AVG
3	5350.000	42.46	6.00	48.46	54.00	-5.54	AVG
4	5367.900	42.60	6.02	48.62	54.00	-5.38	AVG

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

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

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

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



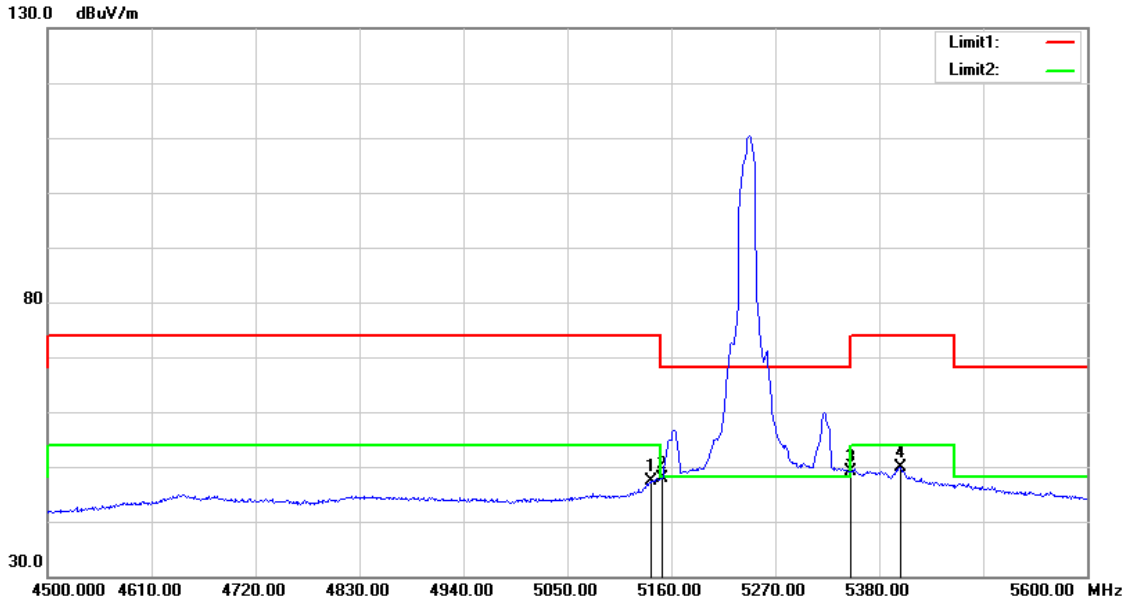
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	42.81	5.76	48.57	54.00	-5.43	AVG
2	5150.000	42.90	5.75	48.65	54.00	-5.35	AVG
3	5350.000	43.16	6.00	49.16	54.00	-4.84	AVG
4	5398.700	44.12	6.07	50.19	54.00	-3.81	AVG

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:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



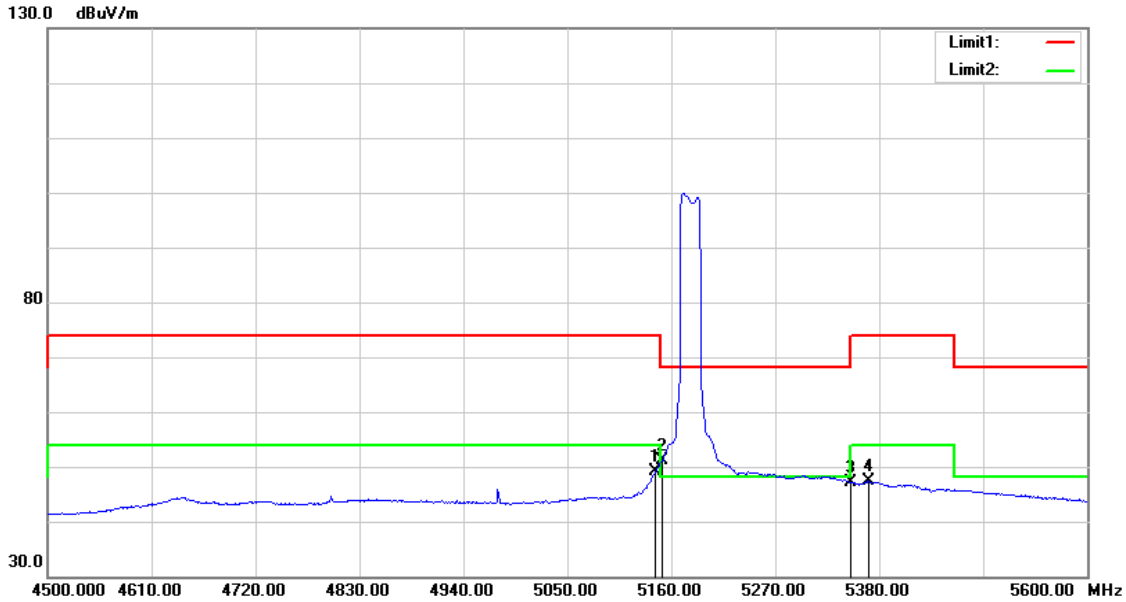
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5139.100	41.73	5.75	47.48	54.00	-6.52	AVG
2	5150.000	42.13	5.75	47.88	54.00	-6.12	AVG
3	5350.000	43.03	6.00	49.03	54.00	-4.97	AVG
4	5403.100	43.91	6.07	49.98	54.00	-4.02	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



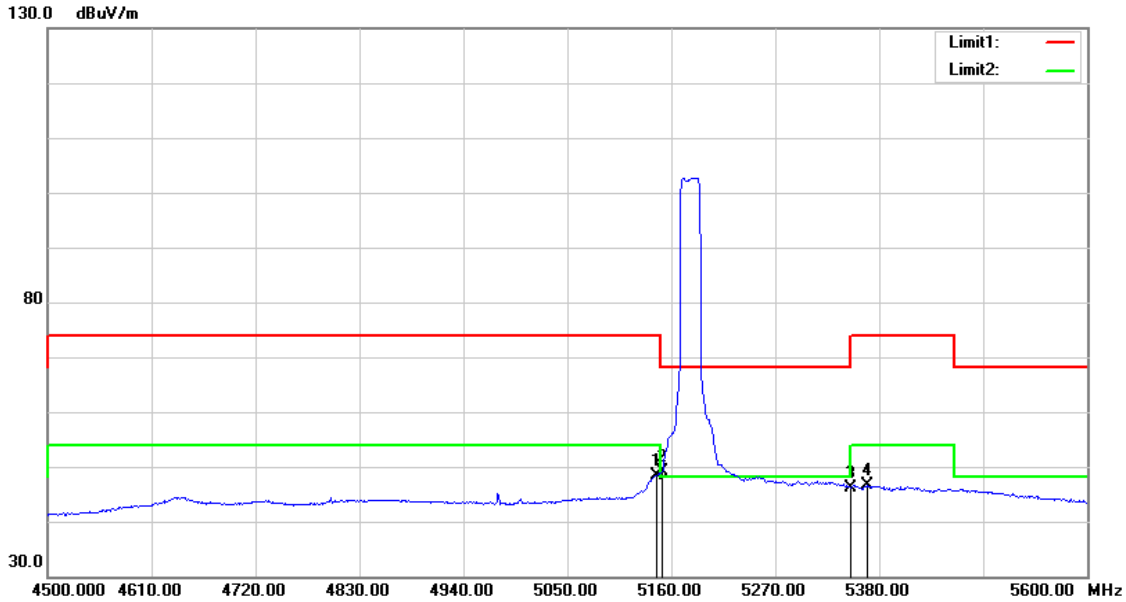
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.500	43.33	5.75	49.08	54.00	-4.92	AVG
2	5150.000	45.46	5.75	51.21	54.00	-2.79	AVG
3	5350.000	41.07	6.00	47.07	54.00	-6.93	AVG
4	5369.000	41.32	6.03	47.35	54.00	-6.65	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



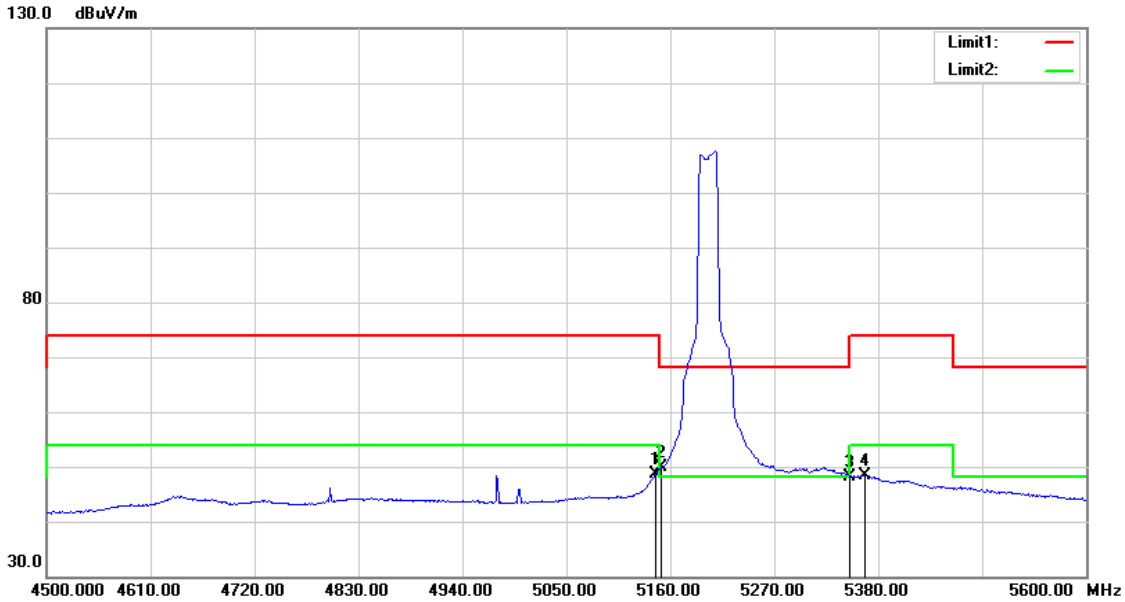
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	42.68	5.76	48.44	54.00	-5.56	AVG
2	5150.000	43.35	5.75	49.10	54.00	-4.90	AVG
3	5350.000	40.22	6.00	46.22	54.00	-7.78	AVG
4	5366.800	40.62	6.02	46.64	54.00	-7.36	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



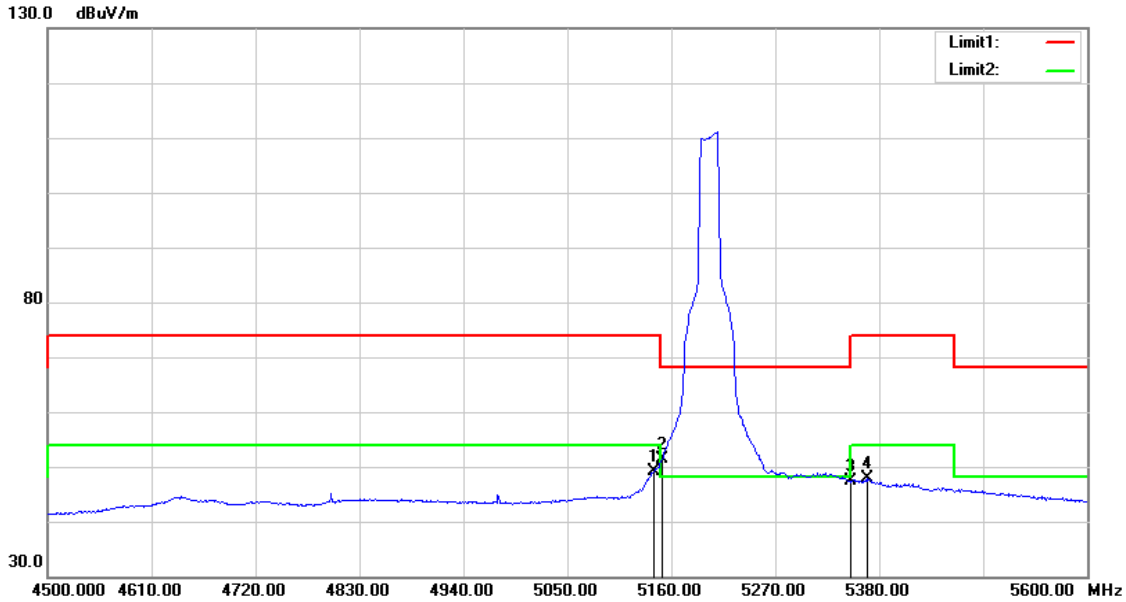
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	42.98	5.76	48.74	54.00	-5.26	AVG
2	5150.000	44.13	5.75	49.88	54.00	-4.12	AVG
3	5350.000	42.22	6.00	48.22	54.00	-5.78	AVG
4	5365.700	42.40	6.02	48.42	54.00	-5.58	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



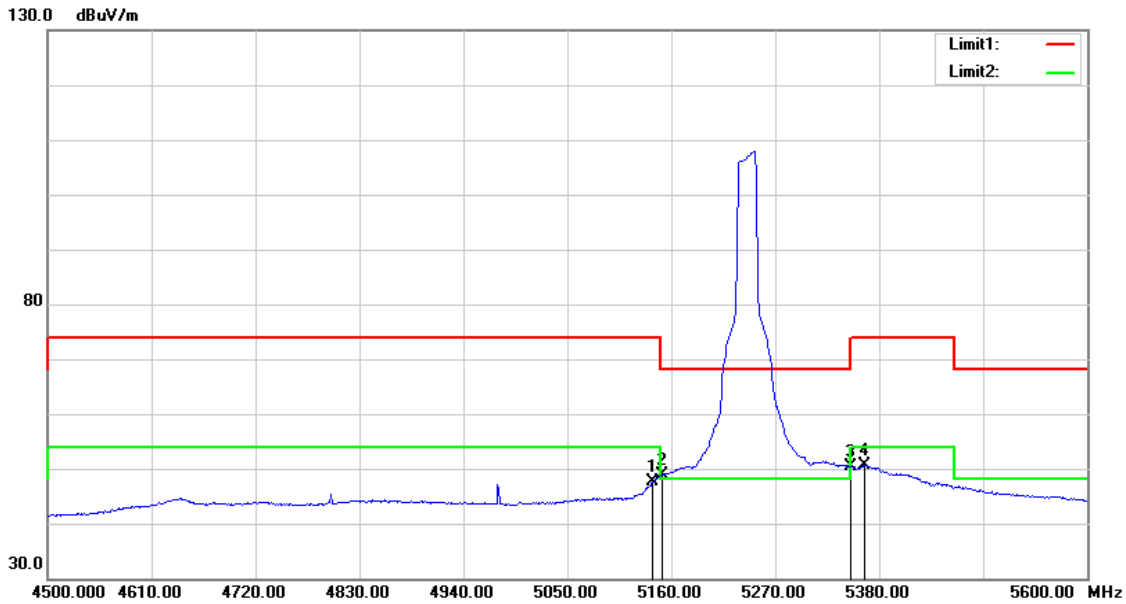
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.300	43.38	5.75	49.13	54.00	-4.87	AVG
2	5150.000	45.63	5.75	51.38	54.00	-2.62	AVG
3	5350.000	41.37	6.00	47.37	54.00	-6.63	AVG
4	5366.800	41.76	6.02	47.78	54.00	-6.22	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



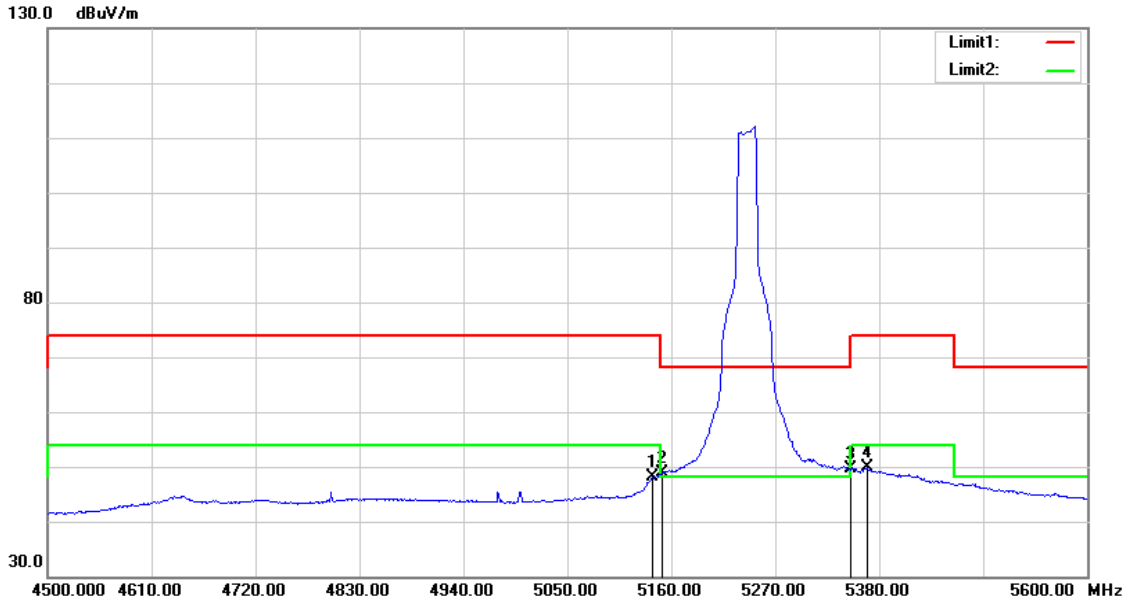
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5140.200	41.84	5.75	47.59	54.00	-6.41	AVG
2	5150.000	43.02	5.75	48.77	54.00	-5.23	AVG
3	5350.000	44.46	6.00	50.46	54.00	-3.54	AVG
4	5364.600	44.70	6.02	50.72	54.00	-3.28	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



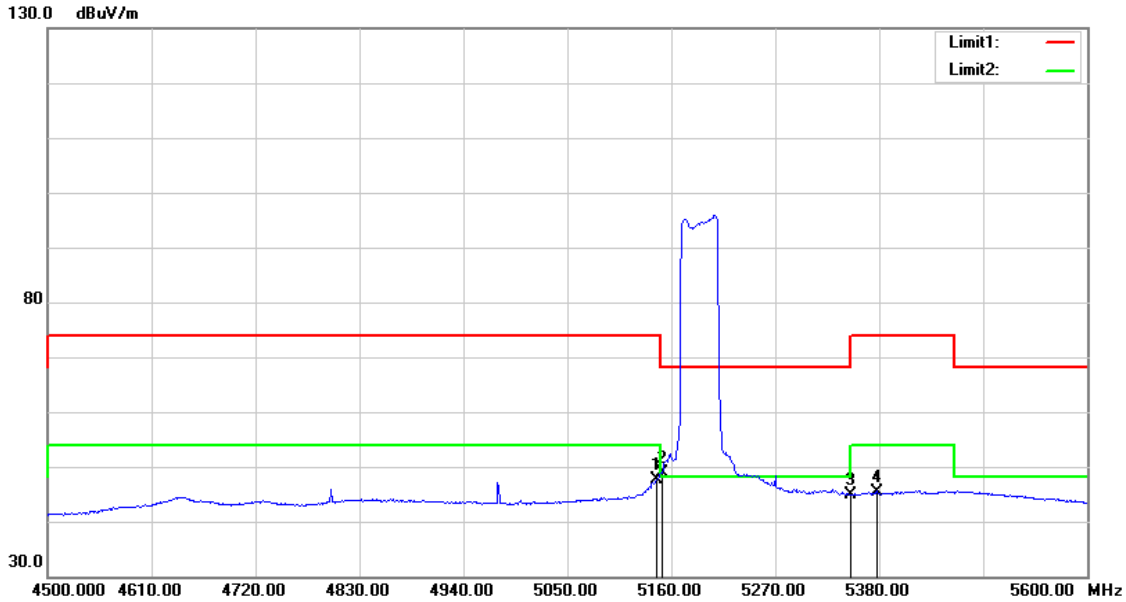
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5140.200	42.46	5.75	48.21	54.00	-5.79	AVG
2	5150.000	43.16	5.75	48.91	54.00	-5.09	AVG
3	5350.000	43.67	6.00	49.67	54.00	-4.33	AVG
4	5366.800	43.77	6.02	49.79	54.00	-4.21	AVG

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:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



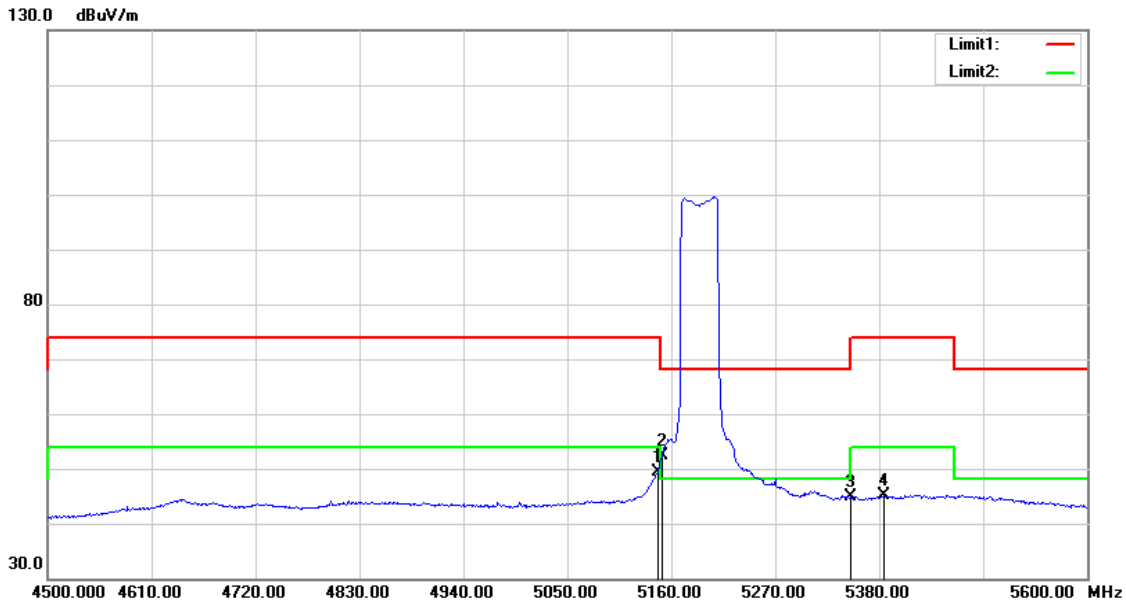
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	41.89	5.76	47.65	54.00	-6.35	AVG
2	5150.000	43.24	5.75	48.99	54.00	-5.01	AVG
3	5350.000	38.86	6.00	44.86	54.00	-9.14	AVG
4	5377.800	39.47	6.03	45.50	54.00	-8.50	AVG

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 9		
Ant.Polar.:	Vertical		



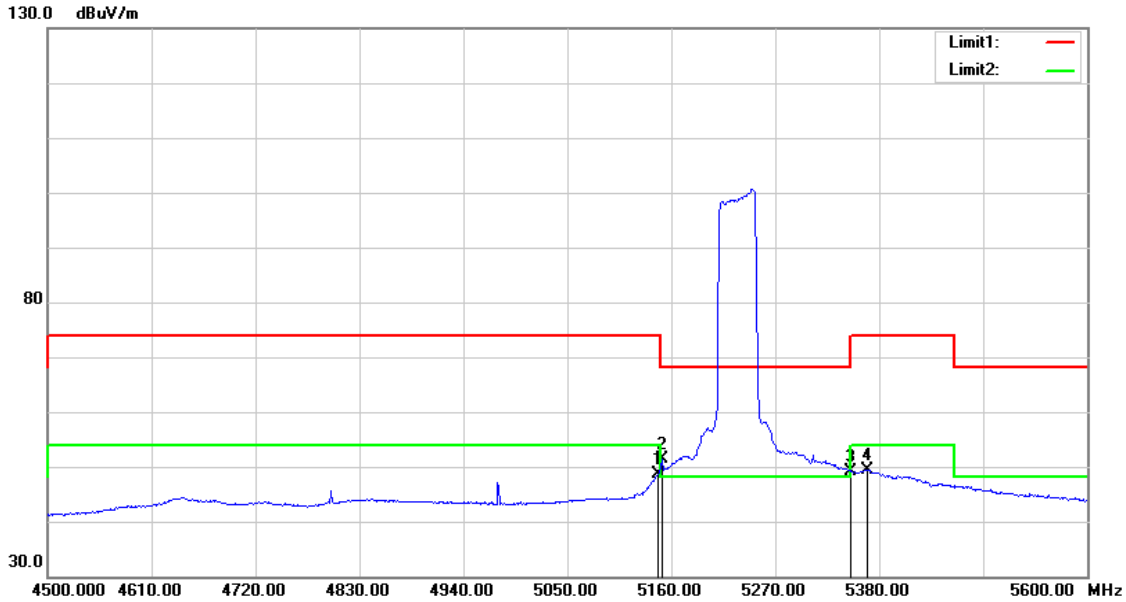
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	43.68	5.76	49.44	54.00	-4.56	AVG
2	5150.000	46.63	5.75	52.38	54.00	-1.62	AVG
3	5350.000	38.79	6.00	44.79	54.00	-9.21	AVG
4	5385.500	39.00	6.05	45.05	54.00	-8.95	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



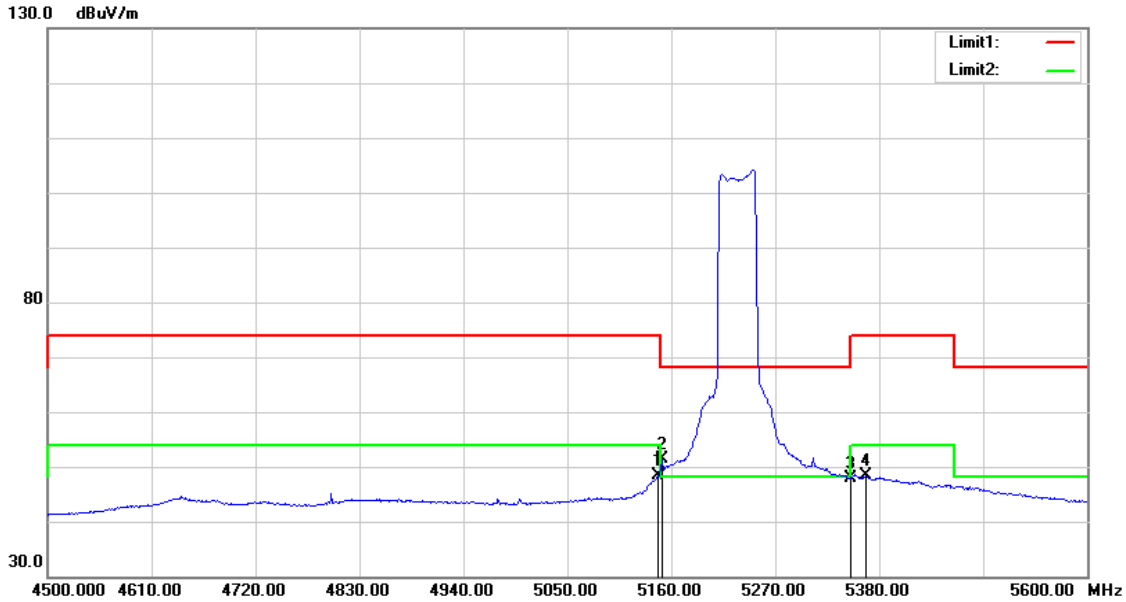
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	42.84	5.76	48.60	54.00	-5.40	AVG
2	5150.000	45.53	5.75	51.28	54.00	-2.72	AVG
3	5350.000	43.09	6.00	49.09	54.00	-4.91	AVG
4	5366.800	43.32	6.02	49.34	54.00	-4.66	AVG

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:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



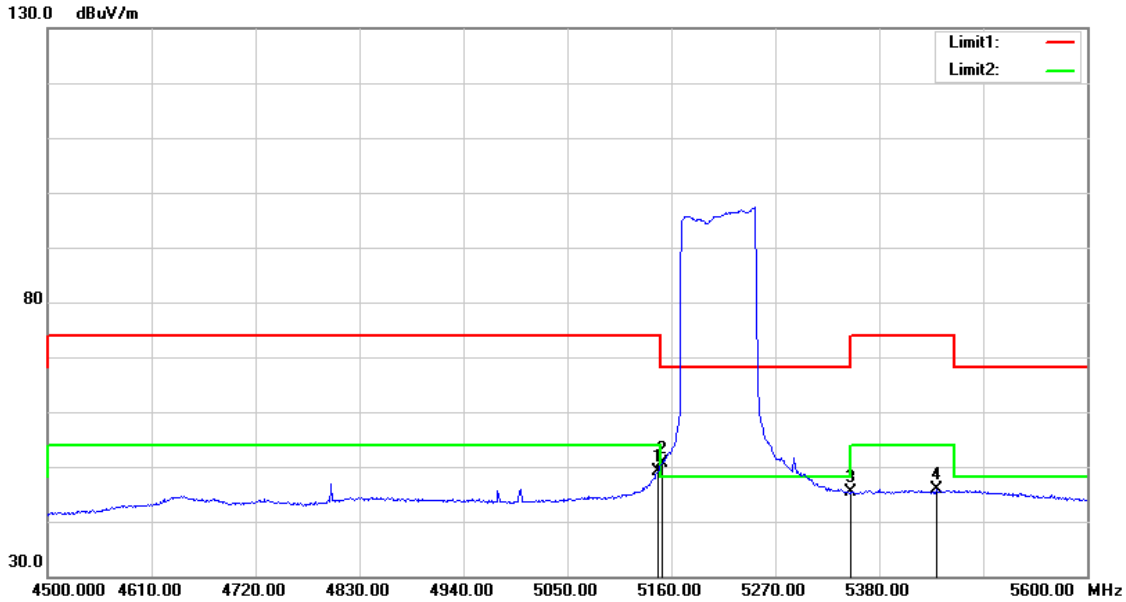
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	42.55	5.76	48.31	54.00	-5.69	AVG
2	5150.000	45.71	5.75	51.46	54.00	-2.54	AVG
3	5350.000	42.00	6.00	48.00	54.00	-6.00	AVG
4	5365.700	42.28	6.02	48.30	54.00	-5.70	AVG

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:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



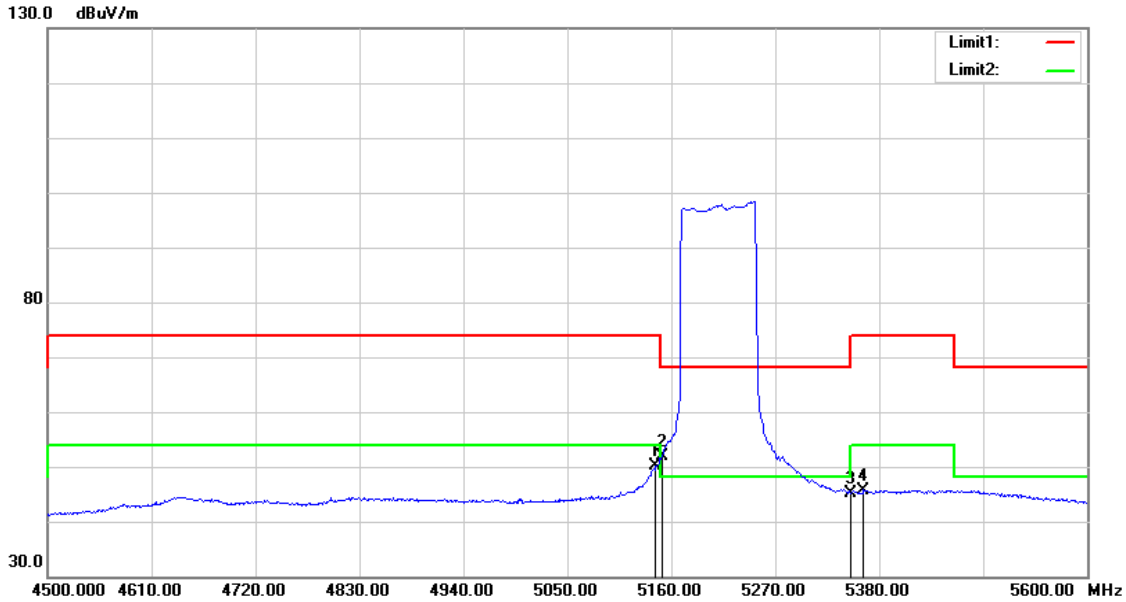
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	43.35	5.81	49.16	54.00	-4.84	AVG
2	5150.000	44.77	5.81	50.58	54.00	-3.42	AVG
3	5350.000	39.26	6.03	45.29	54.00	-8.71	AVG
4	5440.500	39.67	6.14	45.81	54.00	-8.19	AVG

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:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.500	44.31	5.80	50.11	54.00	-3.89	AVG
2	5150.000	46.18	5.81	51.99	54.00	-2.01	AVG
3	5350.000	39.20	6.03	45.23	54.00	-8.77	AVG
4	5363.500	39.70	6.05	45.75	54.00	-8.25	AVG

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

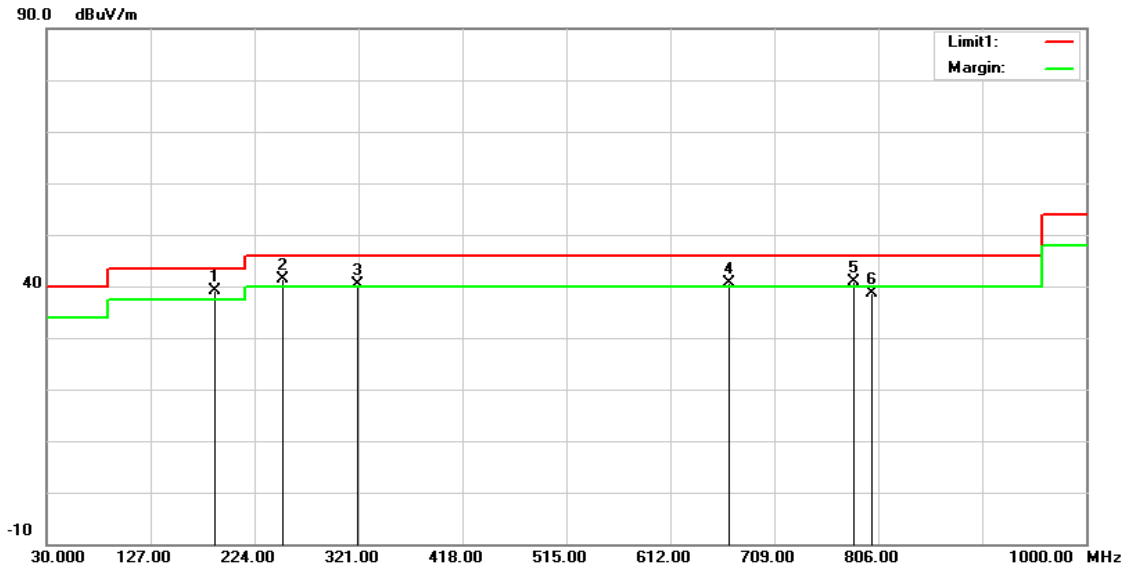
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Beamforming on

Below 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	5500 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



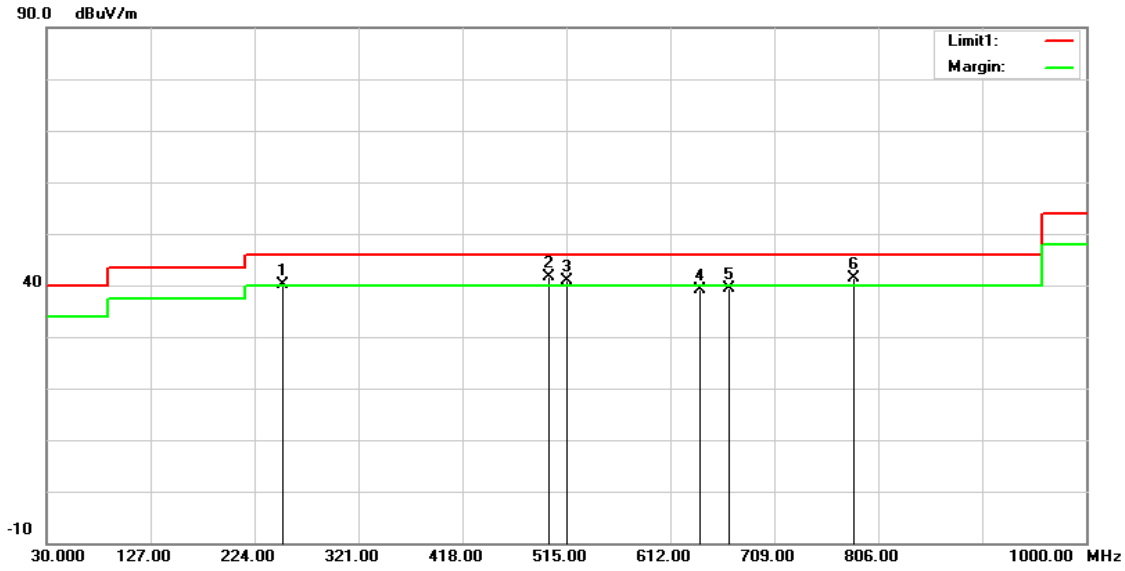
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	187.1400	51.76	-12.65	39.11	43.50	-4.39	QP
2	250.1900	52.64	-11.36	41.28	46.00	-4.72	QP
3	320.0300	49.42	-9.11	40.31	46.00	-5.69	QP
4	666.3200	41.85	-1.29	40.56	46.00	-5.44	QP
5	783.6900	40.34	0.66	41.00	46.00	-5.00	QP
6	800.1800	37.91	0.81	38.72	46.00	-7.28	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:	3 m
Test item:	Radiated Emission		
Frequency:	5500 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	250.1900	51.56	-11.36	40.20	46.00	-5.80	QP
2	498.5100	46.23	-4.54	41.69	46.00	-4.31	QP
3	515.0000	45.18	-4.29	40.89	46.00	-5.11	QP
4	640.1300	40.70	-1.62	39.08	46.00	-6.92	QP
5	666.3200	40.56	-1.29	39.27	46.00	-6.73	QP
6	783.6900	40.83	0.66	41.49	46.00	-4.51	QP

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

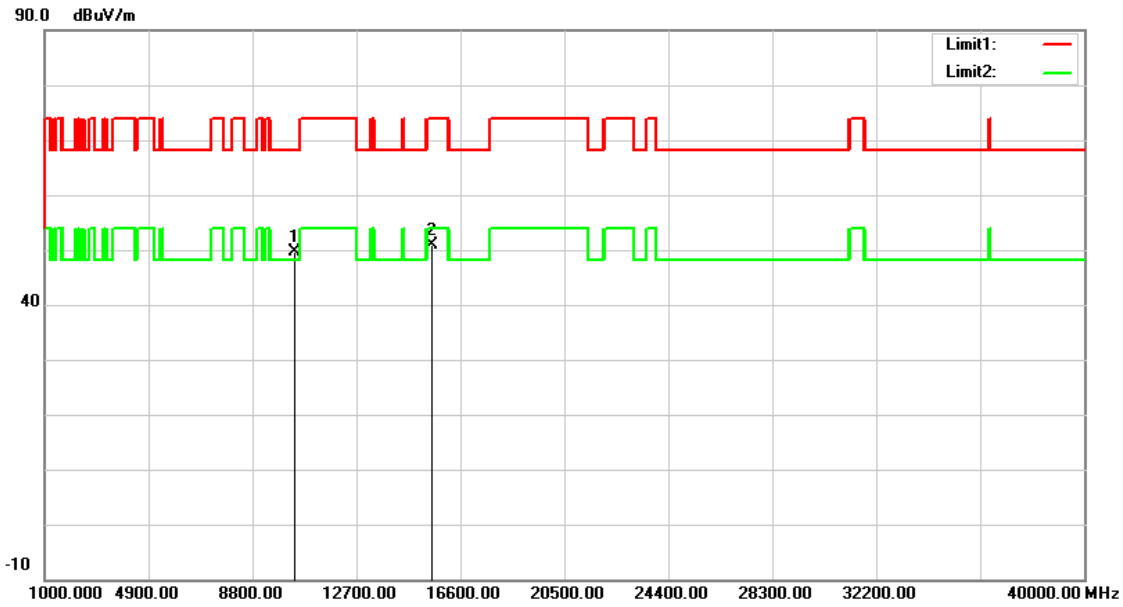
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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 8		
Ant.Polar.:	Horizontal		



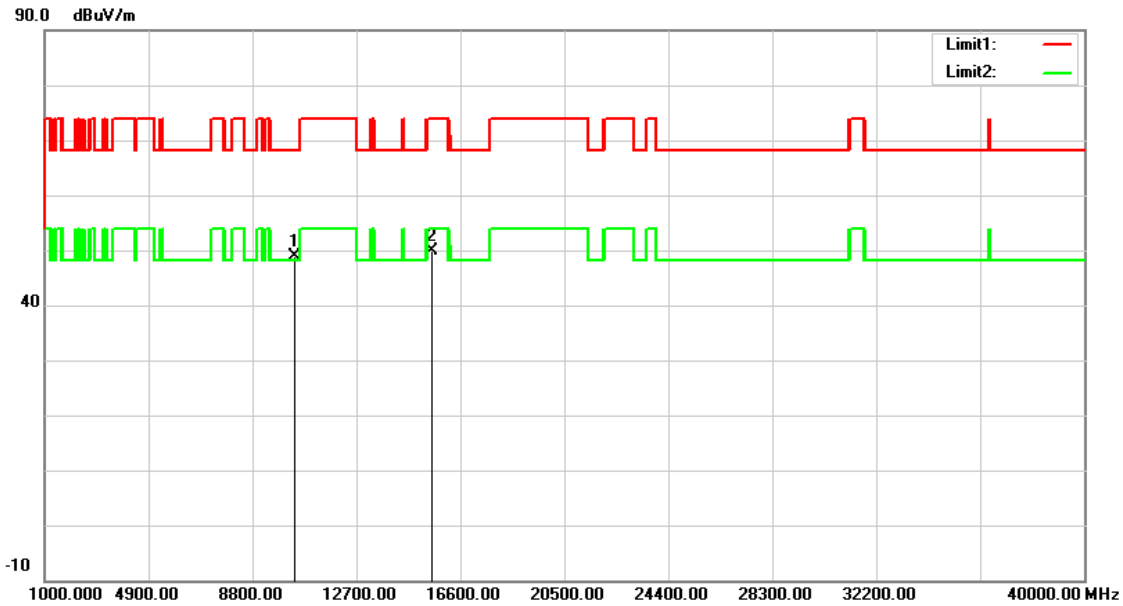
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	32.75	16.87	49.62	68.20	-18.58	peak
2	15540.000	32.47	18.51	50.98	74.00	-23.02	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



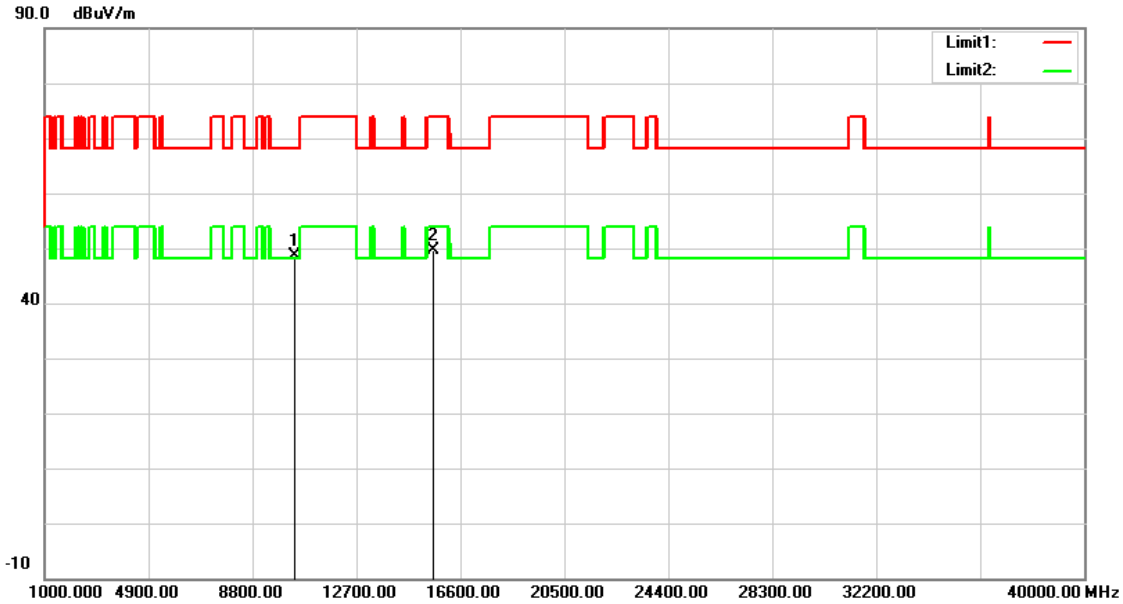
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	31.96	16.87	48.83	68.20	-19.37	peak
2	15540.000	31.40	18.51	49.91	74.00	-24.09	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



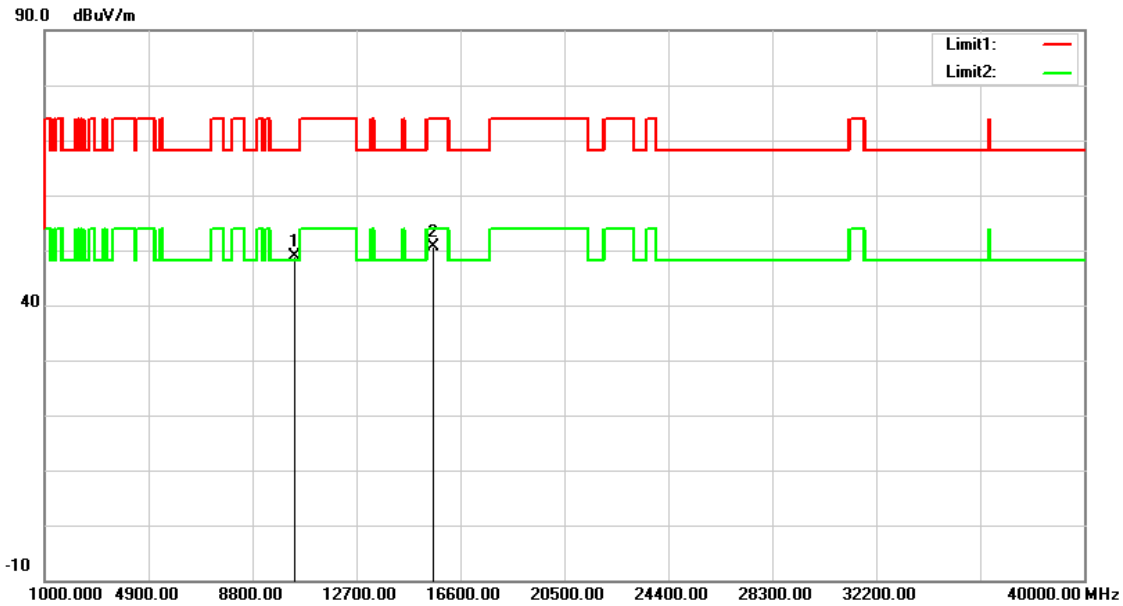
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	31.64	16.95	48.59	68.20	-19.61	peak
2	15600.000	31.24	18.35	49.59	74.00	-24.41	peak

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:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



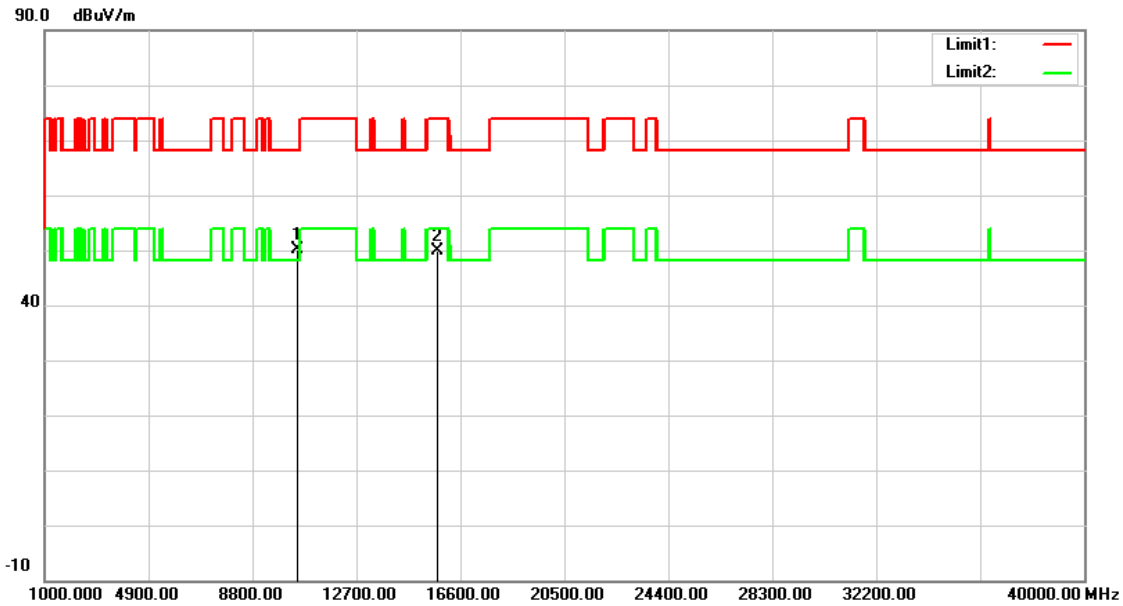
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	31.92	16.95	48.87	68.20	-19.33	peak
2	15600.000	32.40	18.35	50.75	74.00	-23.25	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



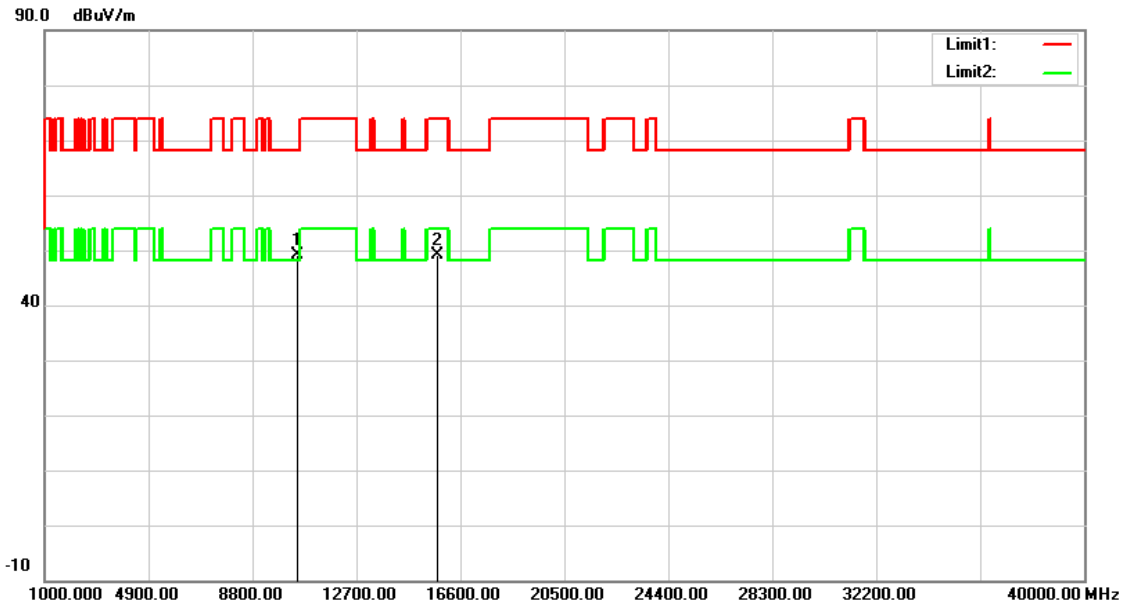
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	32.91	17.12	50.03	68.20	-18.17	peak
2	15720.000	31.95	18.00	49.95	74.00	-24.05	peak

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:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



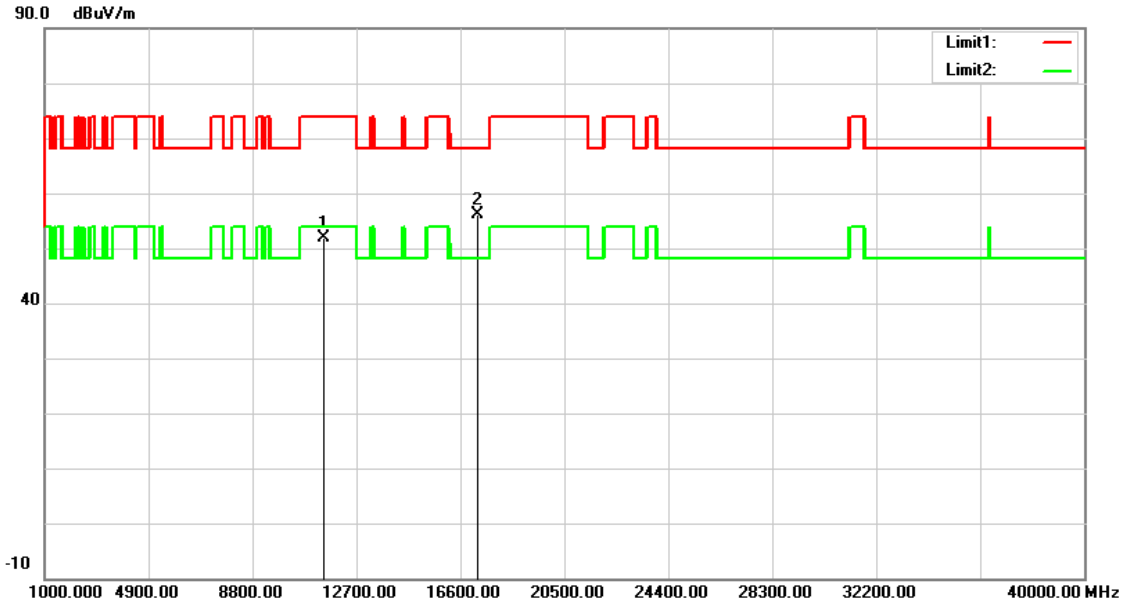
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	32.03	17.12	49.15	68.20	-19.05	peak
2	15720.000	31.17	18.00	49.17	74.00	-24.83	peak

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 8		
Ant.Polar.:	Horizontal		



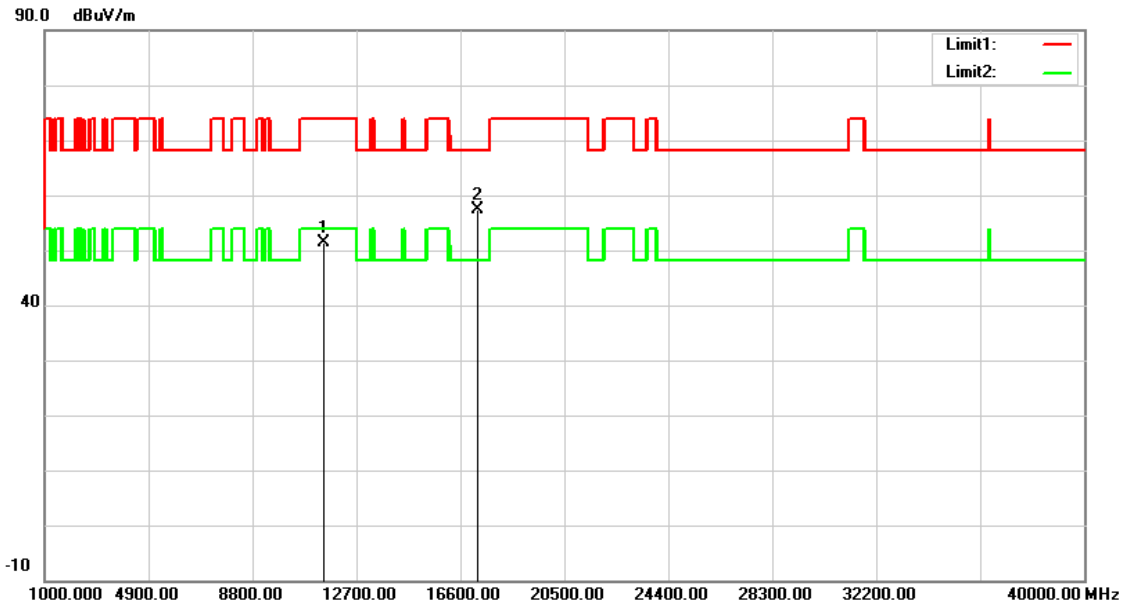
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	33.47	18.50	51.97	74.00	-22.03	peak
2	17235.000	31.89	24.29	56.18	68.20	-12.02	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



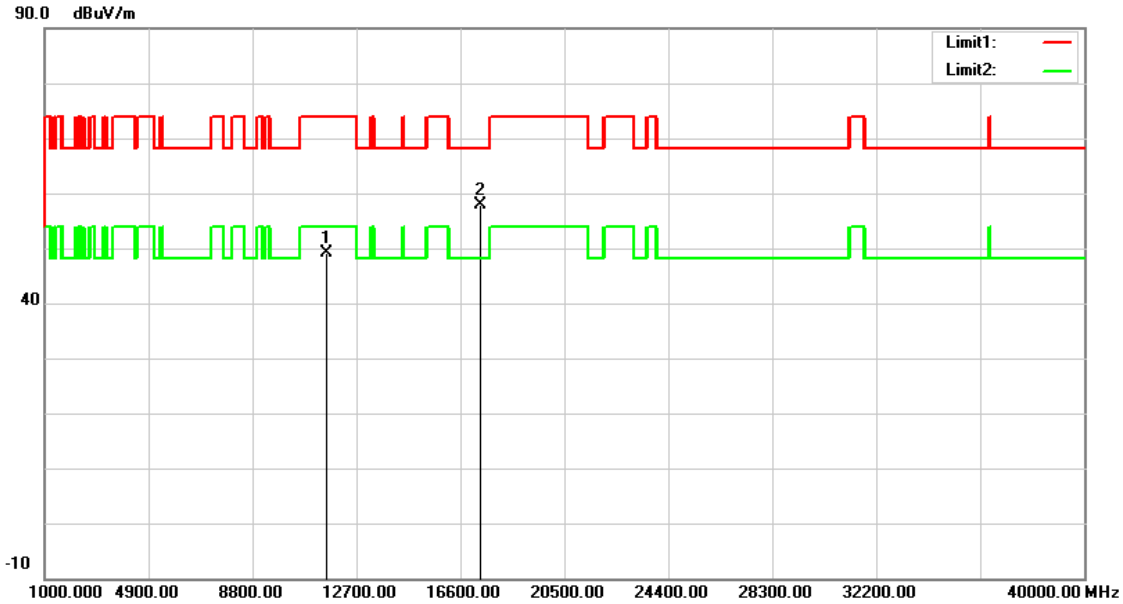
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	32.81	18.50	51.31	74.00	-22.69	peak
2	17235.000	33.08	24.29	57.37	68.20	-10.83	peak

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:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



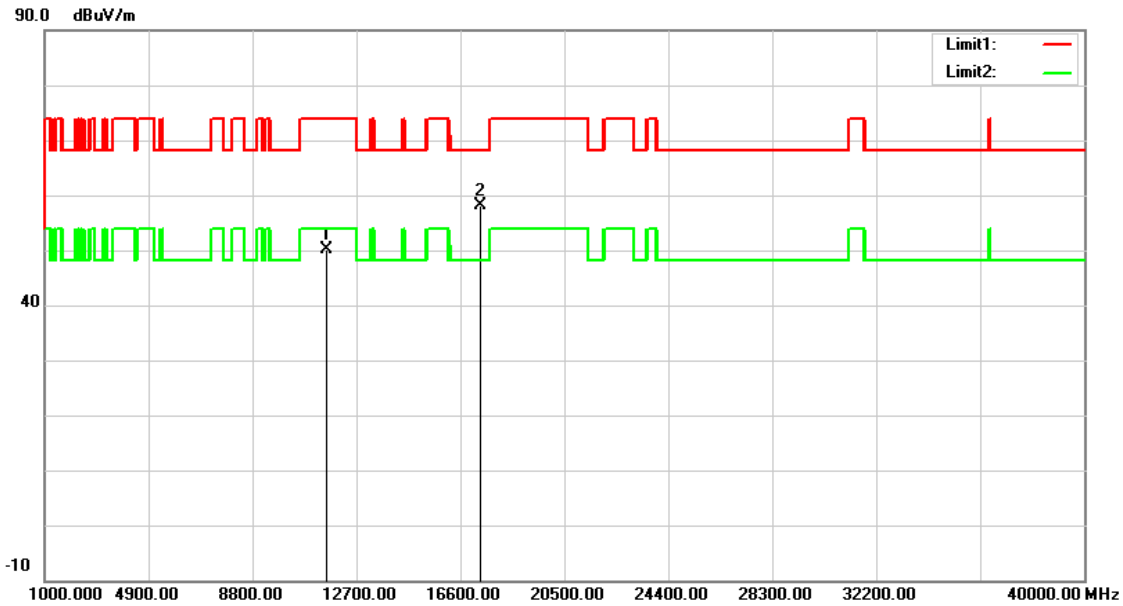
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	30.76	18.43	49.19	74.00	-24.81	peak
2	17355.000	32.92	24.95	57.87	68.20	-10.33	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



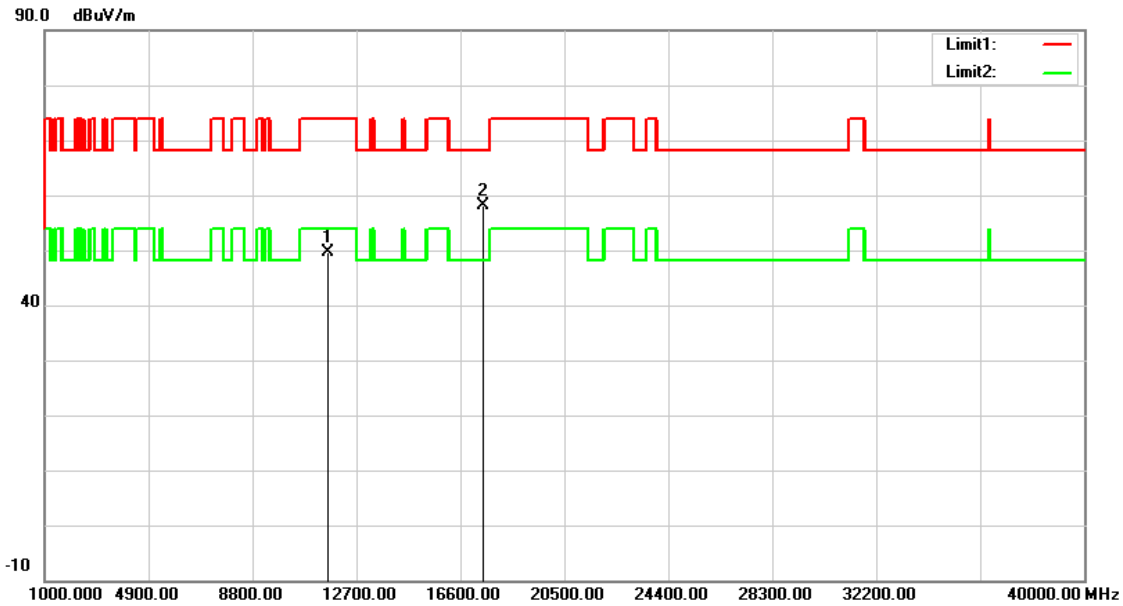
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	31.81	18.43	50.24	74.00	-23.76	peak
2	17355.000	33.28	24.95	58.23	68.20	-9.97	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



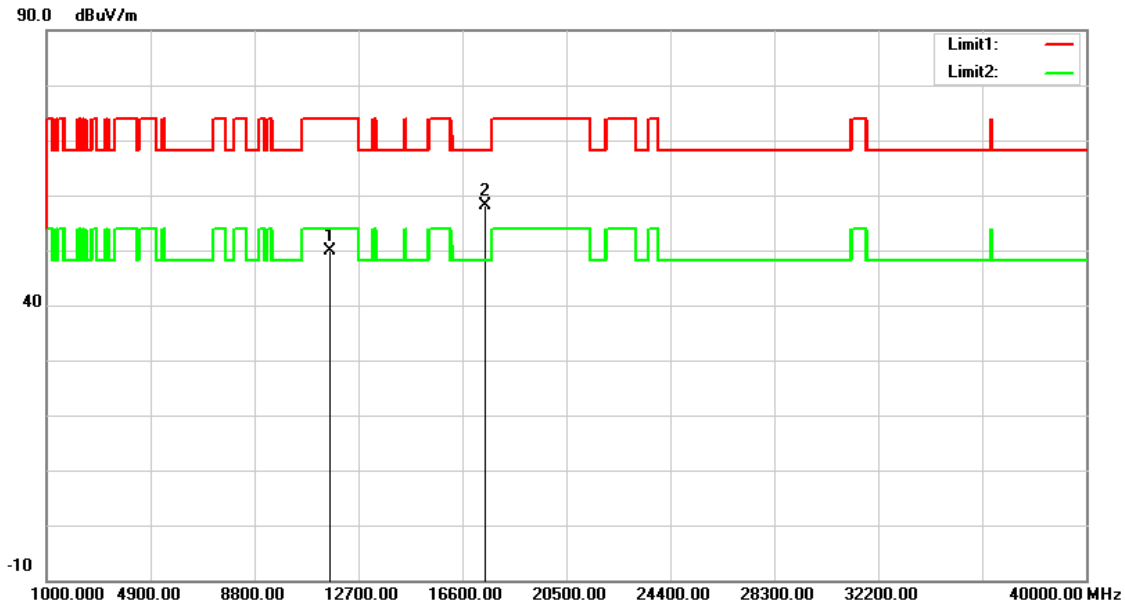
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	31.33	18.36	49.69	74.00	-24.31	peak
2	17475.000	32.57	25.60	58.17	68.20	-10.03	peak

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:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



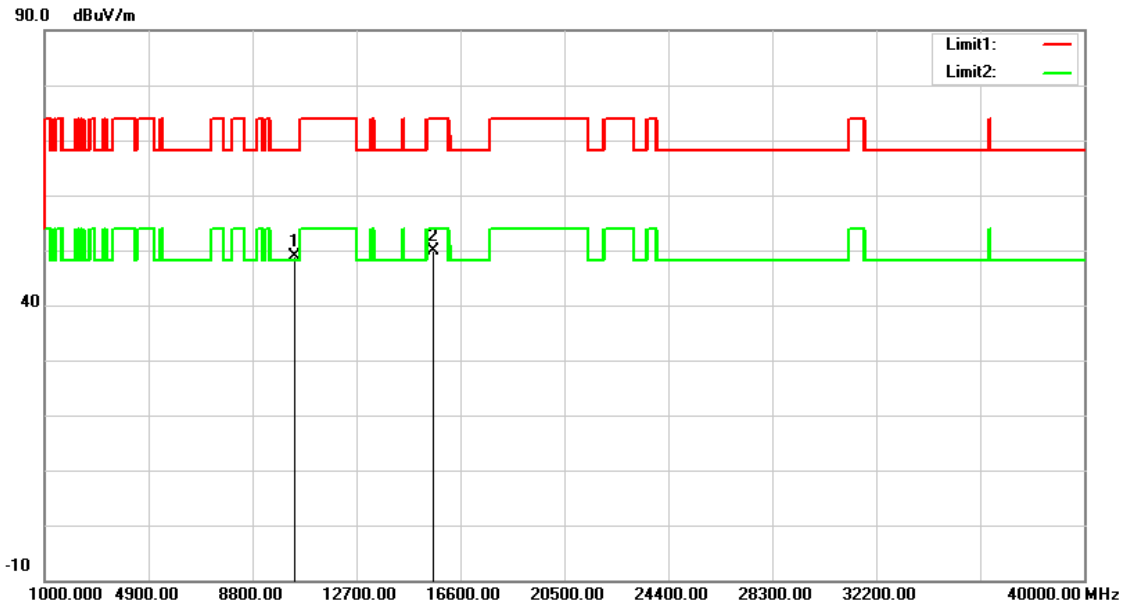
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	31.53	18.36	49.89	74.00	-24.11	peak
2	17475.000	32.55	25.60	58.15	68.20	-10.05	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



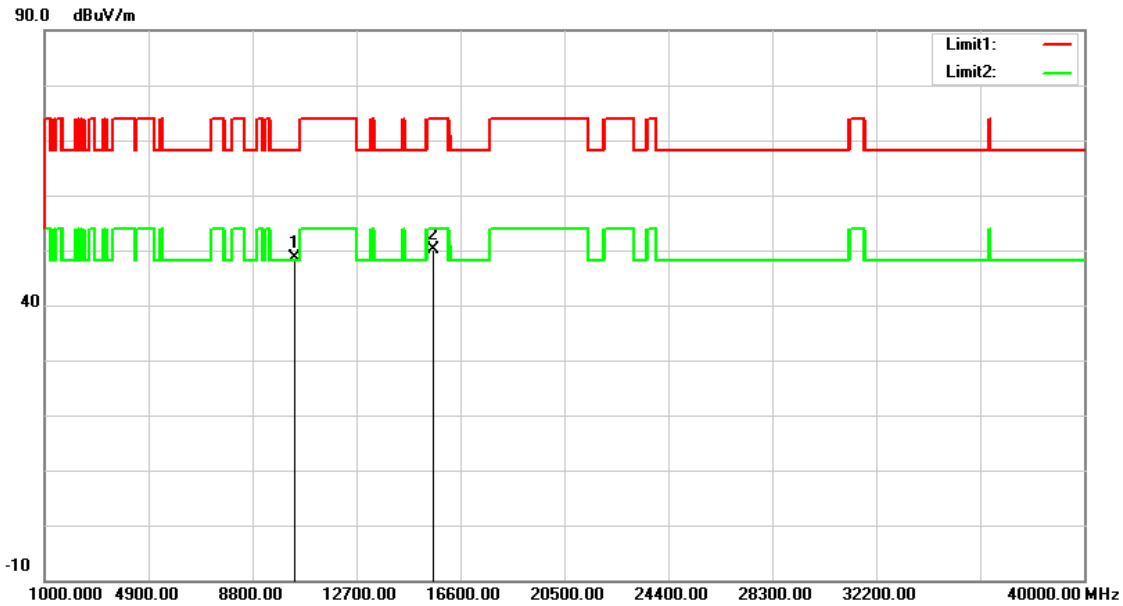
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	31.95	16.90	48.85	68.20	-19.35	peak
2	15570.000	31.47	18.43	49.90	74.00	-24.10	peak

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:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



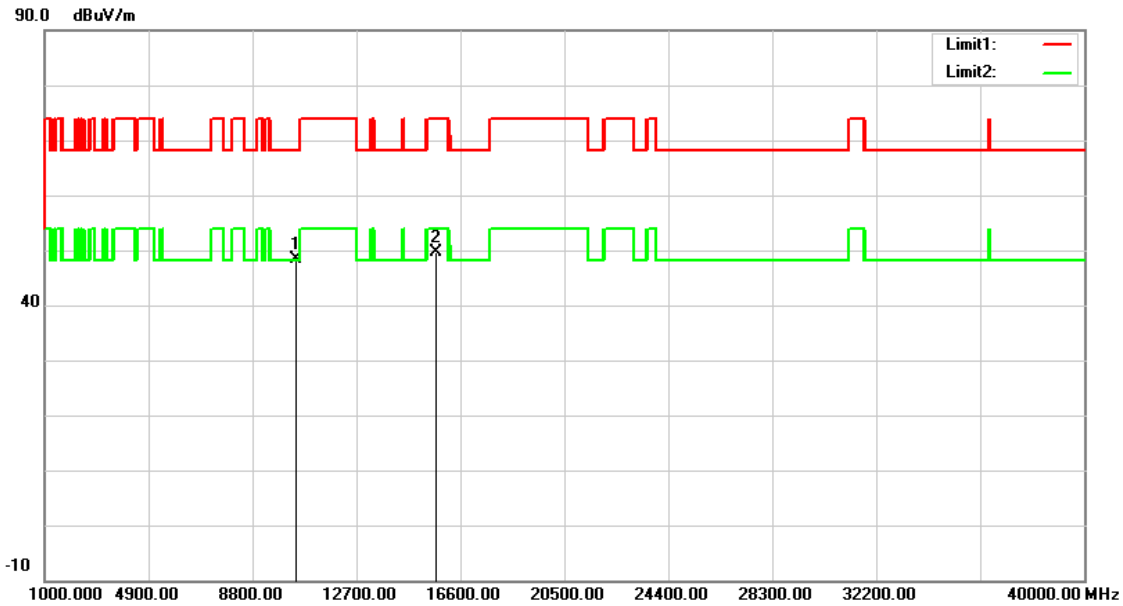
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	31.62	16.90	48.52	68.20	-19.68	peak
2	15570.000	31.72	18.43	50.15	74.00	-23.85	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



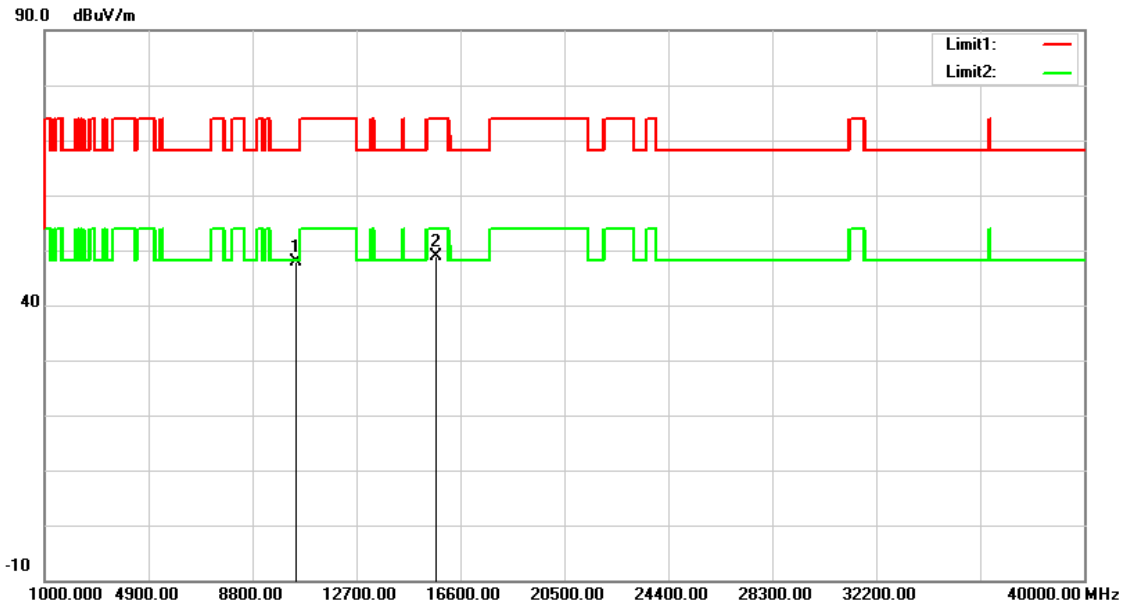
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	31.35	17.08	48.43	68.20	-19.77	peak
2	15690.000	31.66	18.08	49.74	74.00	-24.26	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



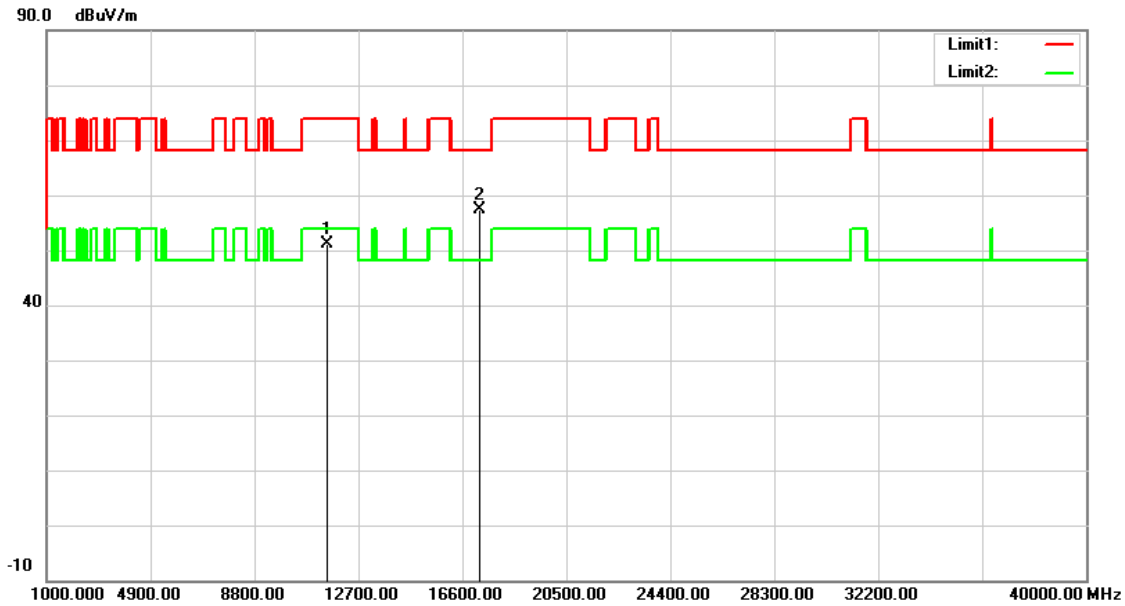
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	30.83	17.08	47.91	68.20	-20.29	peak
2	15690.000	30.75	18.08	48.83	74.00	-25.17	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



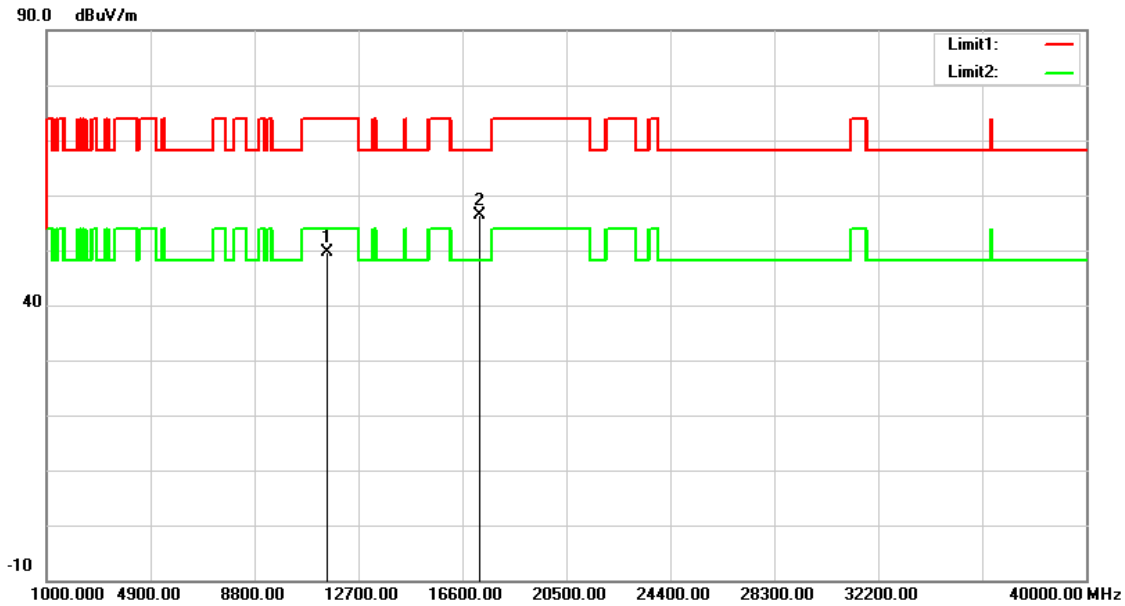
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	32.62	18.48	51.10	74.00	-22.90	peak
2	17265.000	33.00	24.45	57.45	68.20	-10.75	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



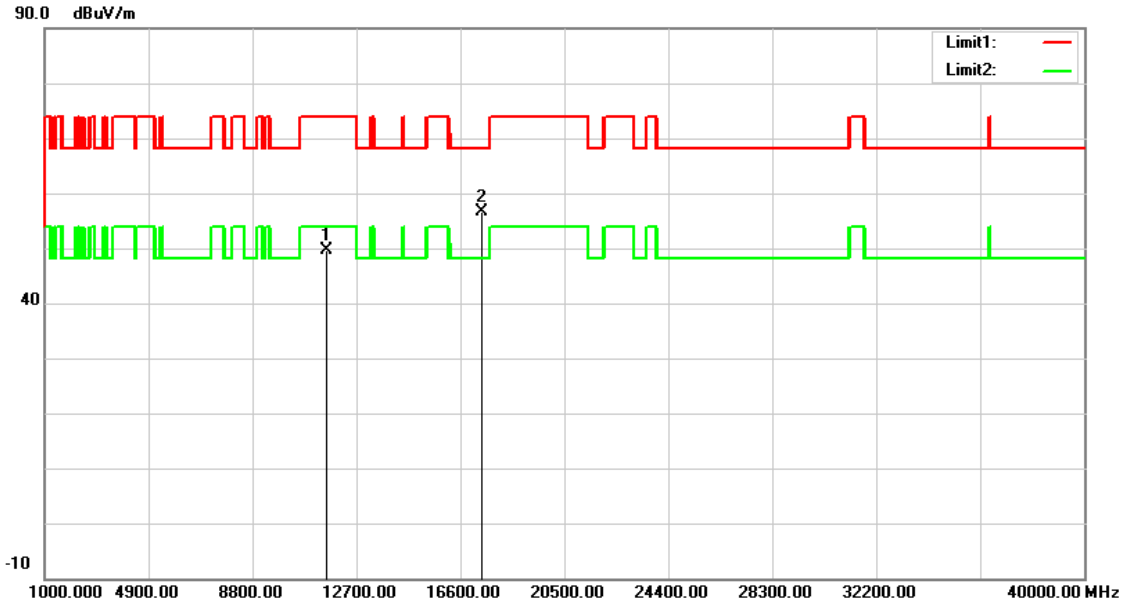
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	31.26	18.48	49.74	74.00	-24.26	peak
2	17265.000	31.86	24.45	56.31	68.20	-11.89	peak

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:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



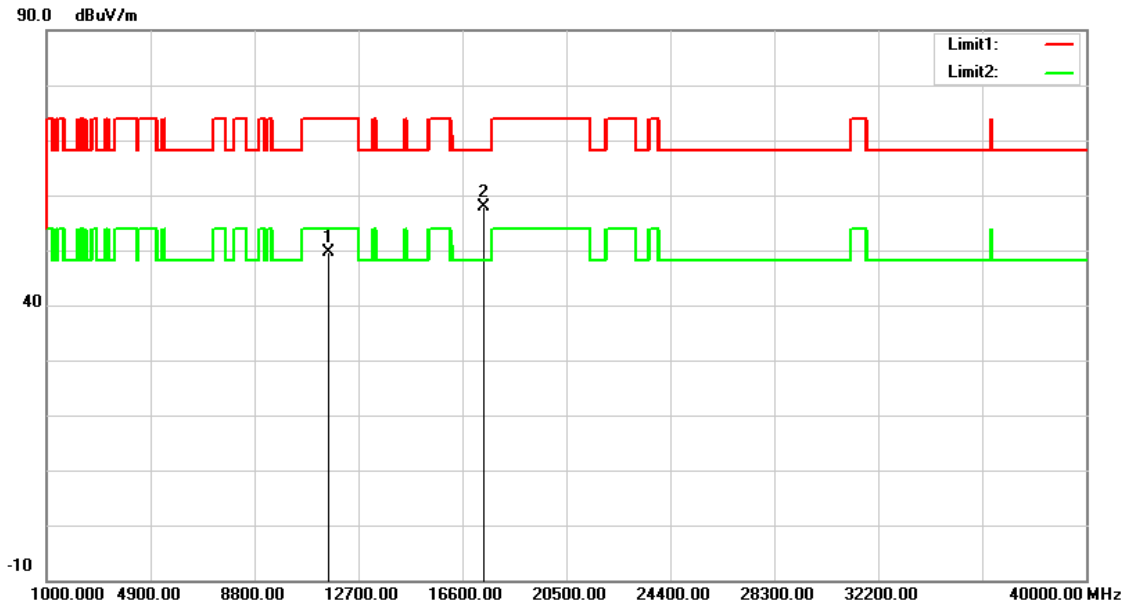
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	31.25	18.41	49.66	74.00	-24.34	peak
2	17385.000	31.65	25.10	56.75	68.20	-11.45	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



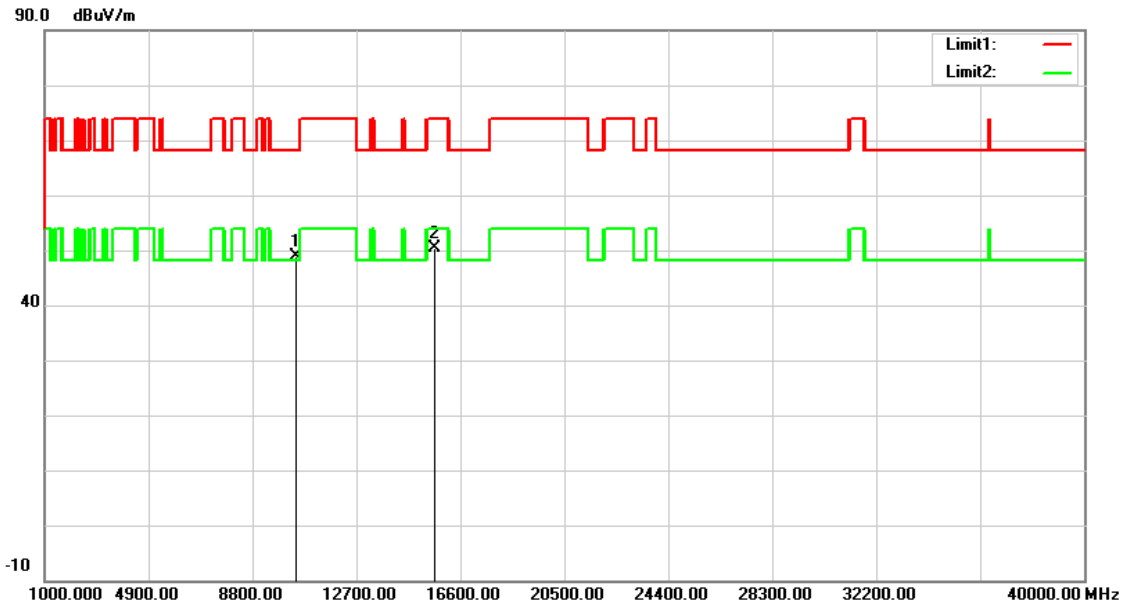
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	31.34	18.41	49.75	74.00	-24.25	peak
2	17385.000	32.88	25.10	57.98	68.20	-10.22	peak

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:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



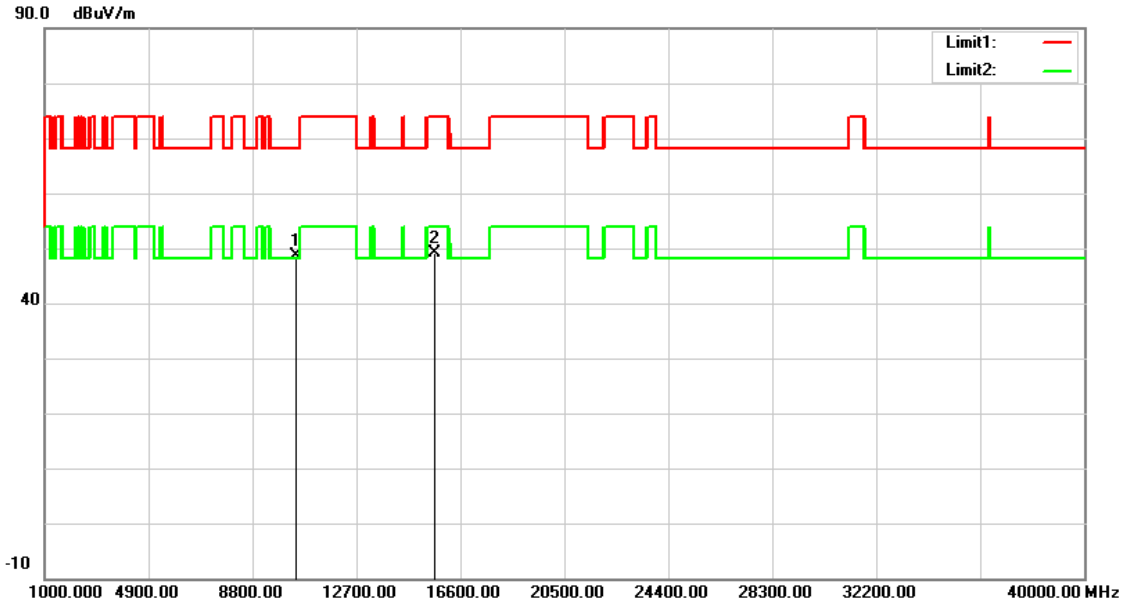
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	31.81	16.99	48.80	68.20	-19.40	peak
2	15630.000	32.18	18.25	50.43	74.00	-23.57	peak

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:	Harmonic		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



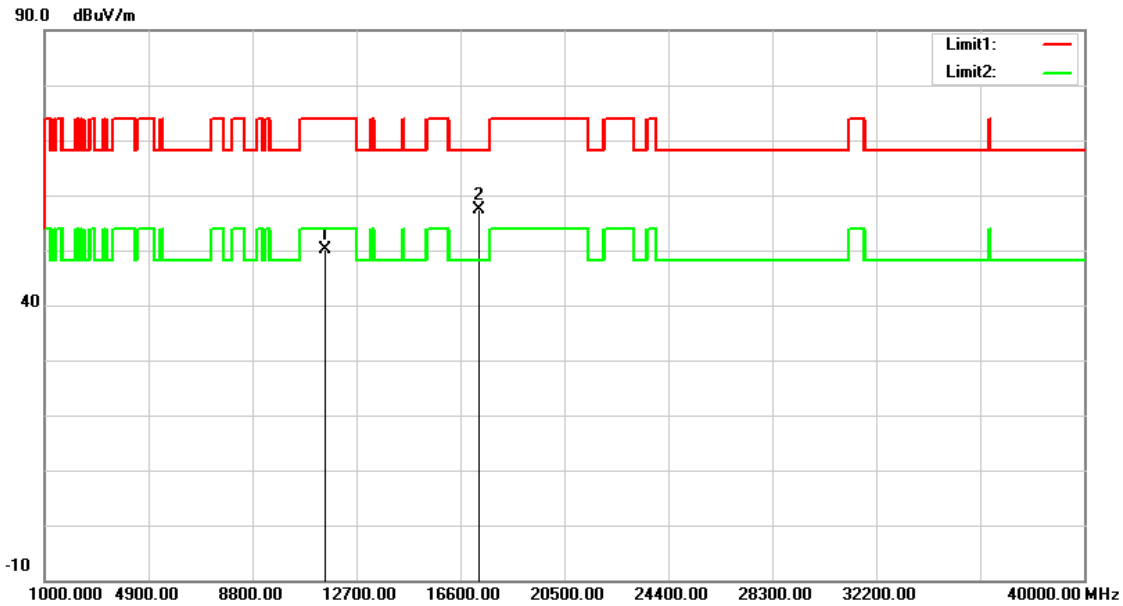
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	31.74	16.99	48.73	68.20	-19.47	peak
2	15630.000	30.87	18.25	49.12	74.00	-24.88	peak

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:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



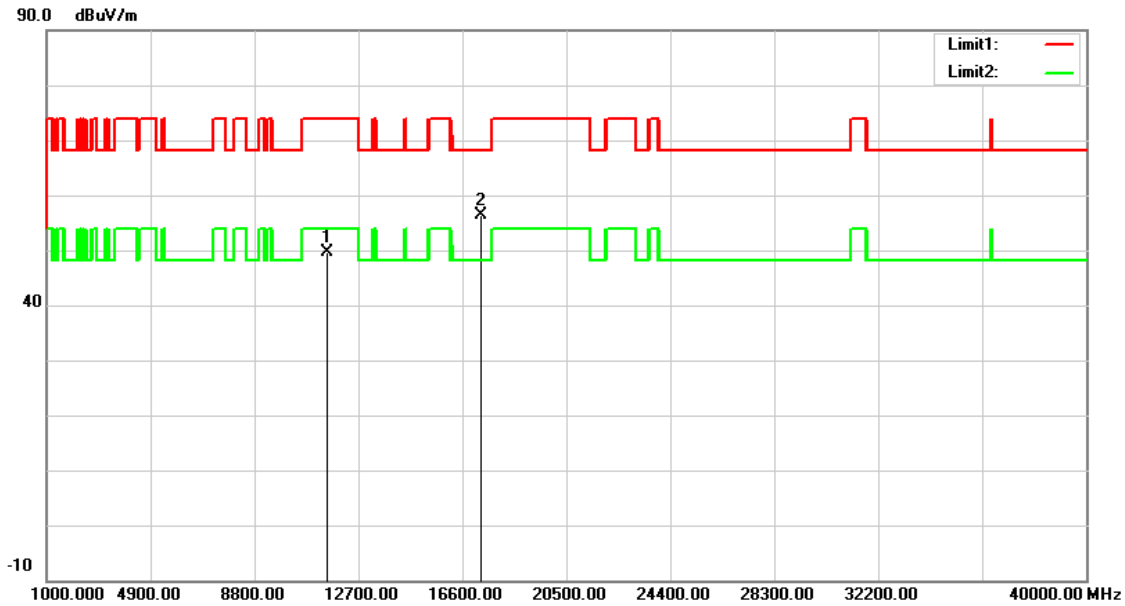
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	31.80	18.44	50.24	74.00	-23.76	peak
2	17325.000	32.47	24.79	57.26	68.20	-10.94	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	31.16	18.44	49.60	74.00	-24.40	peak
2	17325.000	31.52	24.79	56.31	68.20	-11.89	peak

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

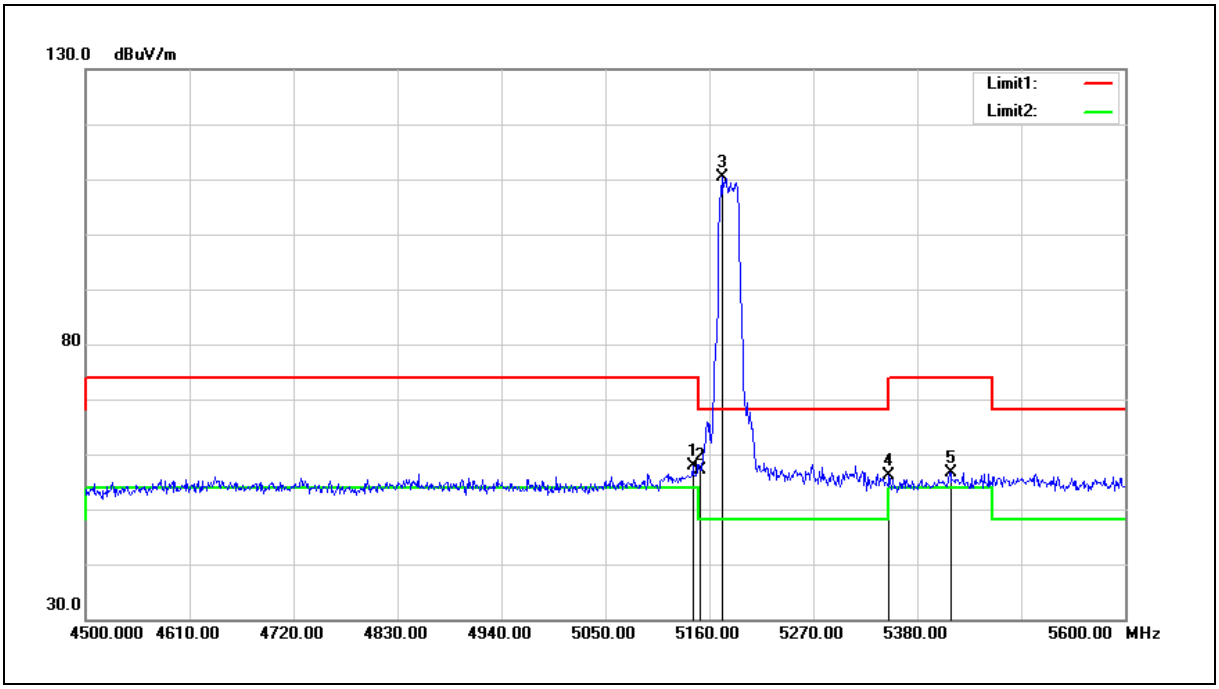
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Band Edge

Peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



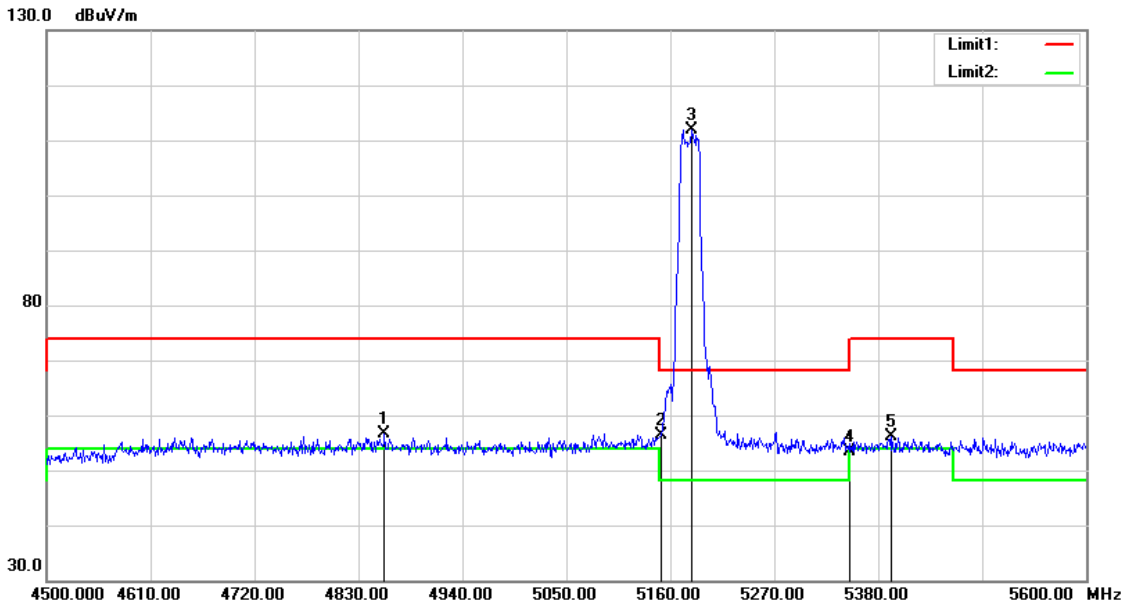
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.400	52.08	5.75	57.83	74.00	-16.17	peak
2	5150.000	51.26	5.75	57.01	74.00	-16.99	peak
3	5173.200	104.50	5.78	110.28	68.20	42.08	peak
4	5350.000	50.14	6.00	56.14	74.00	-17.86	peak
5	5415.200	50.51	6.08	56.59	74.00	-17.41	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



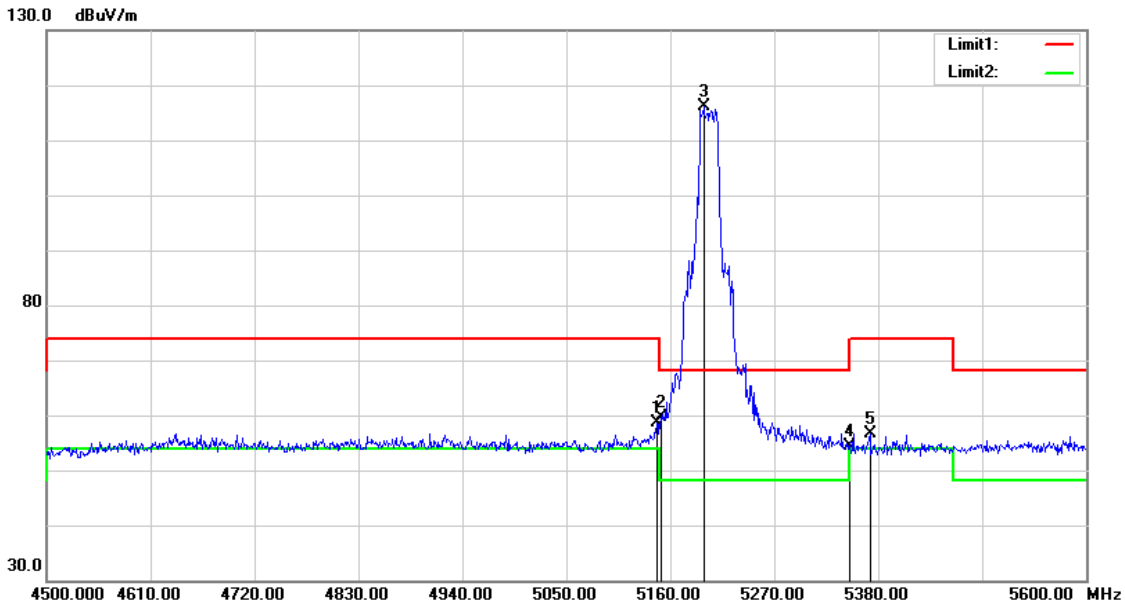
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4857.500	51.52	5.18	56.70	74.00	-17.30	peak
2	5150.000	50.71	5.75	56.46	74.00	-17.54	peak
3	5183.100	106.18	5.80	111.98	68.20	43.78	peak
4	5350.000	47.34	6.00	53.34	74.00	-20.66	peak
5	5394.300	50.07	6.06	56.13	74.00	-17.87	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



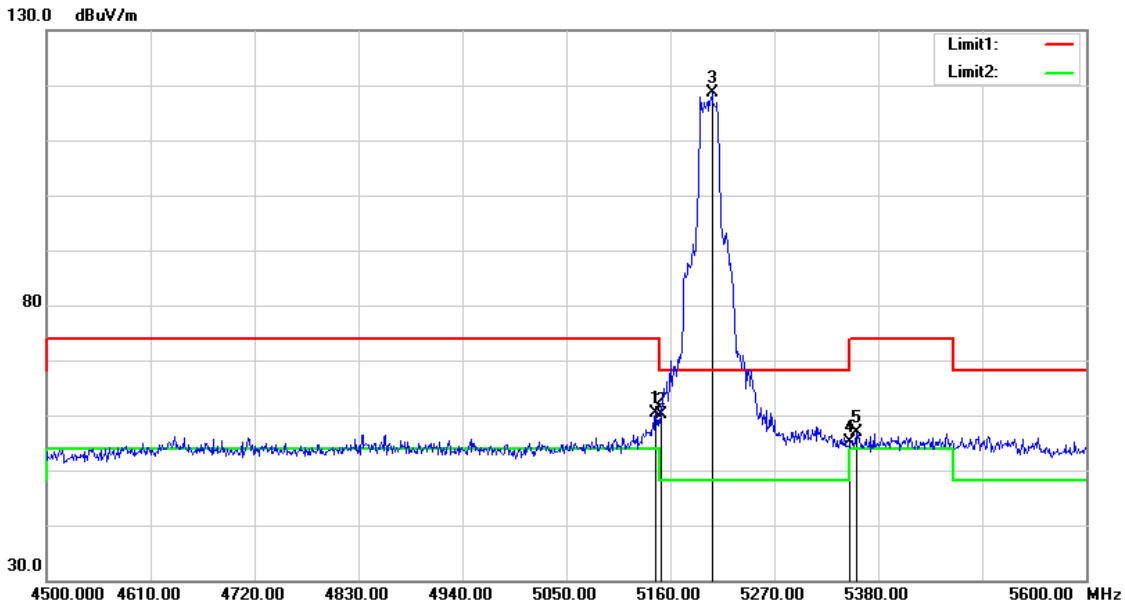
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	52.99	5.76	58.75	74.00	-15.25	peak
2	5150.000	53.97	5.75	59.72	74.00	-14.28	peak
3	5195.200	110.25	5.82	116.07	68.20	47.87	peak
4	5350.000	48.50	6.00	54.50	74.00	-19.50	peak
5	5371.200	50.56	6.03	56.59	74.00	-17.41	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



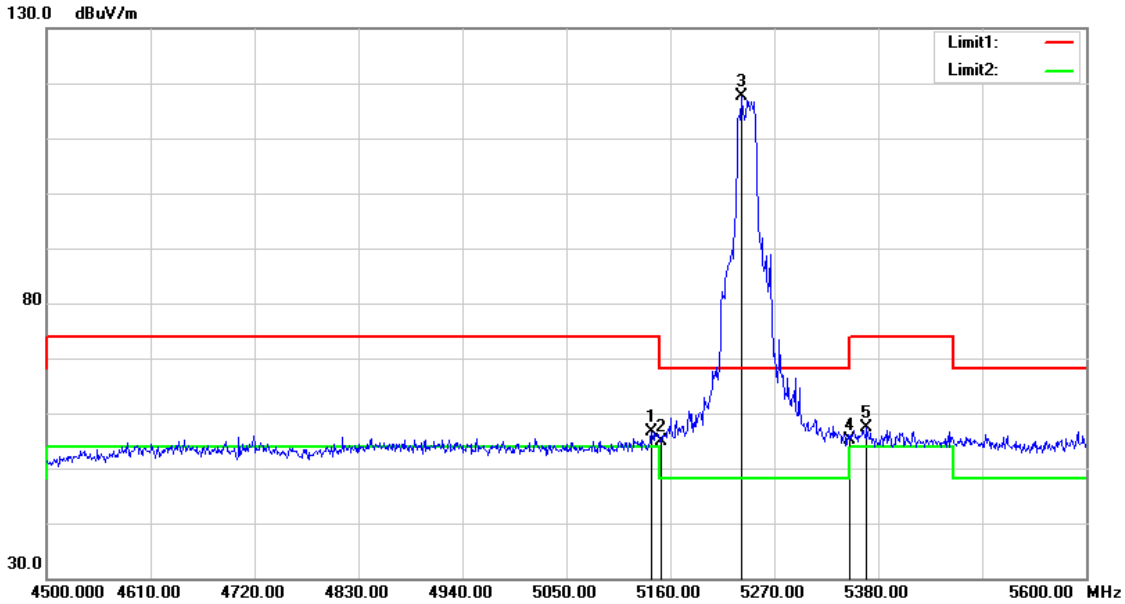
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	54.63	5.76	60.39	74.00	-13.61	peak
2	5150.000	54.44	5.75	60.19	74.00	-13.81	peak
3	5204.000	112.87	5.82	118.69	68.20	50.49	peak
4	5350.000	49.06	6.00	55.06	74.00	-18.94	peak
5	5356.900	50.81	6.01	56.82	74.00	-17.18	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 8		
Ant.Polar.:	Horizontal		



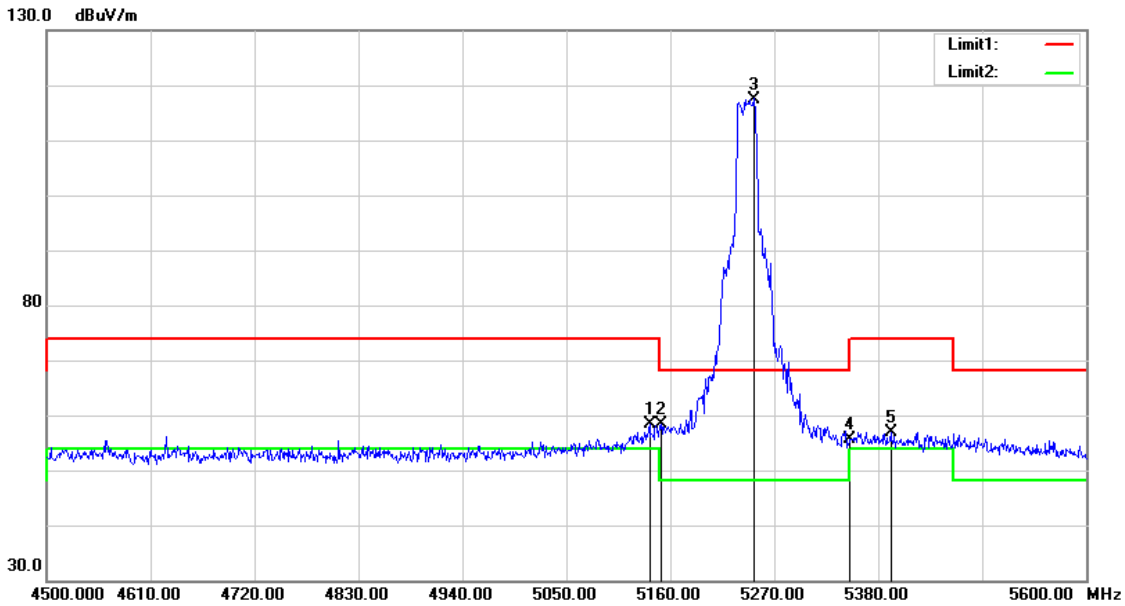
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5140.200	50.94	5.75	56.69	74.00	-17.31	peak
2	5150.000	49.24	5.75	54.99	74.00	-19.01	peak
3	5234.800	111.66	5.87	117.53	68.20	49.33	peak
4	5350.000	49.18	6.00	55.18	74.00	-18.82	peak
5	5367.900	51.31	6.02	57.33	74.00	-16.67	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



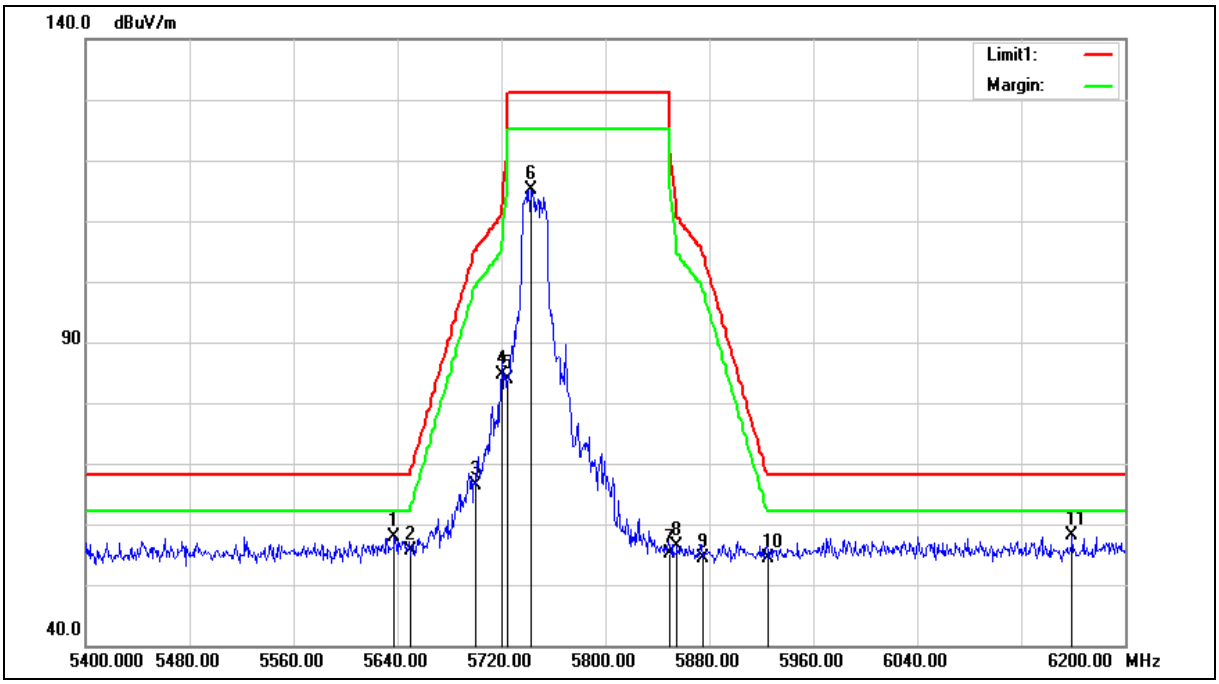
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.000	52.68	5.74	58.42	74.00	-15.58	peak
2	5150.000	52.73	5.75	58.48	74.00	-15.52	peak
3	5248.000	111.62	5.88	117.50	68.20	49.30	peak
4	5350.000	49.67	6.00	55.67	74.00	-18.33	peak
5	5393.200	50.90	6.05	56.95	74.00	-17.05	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:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		

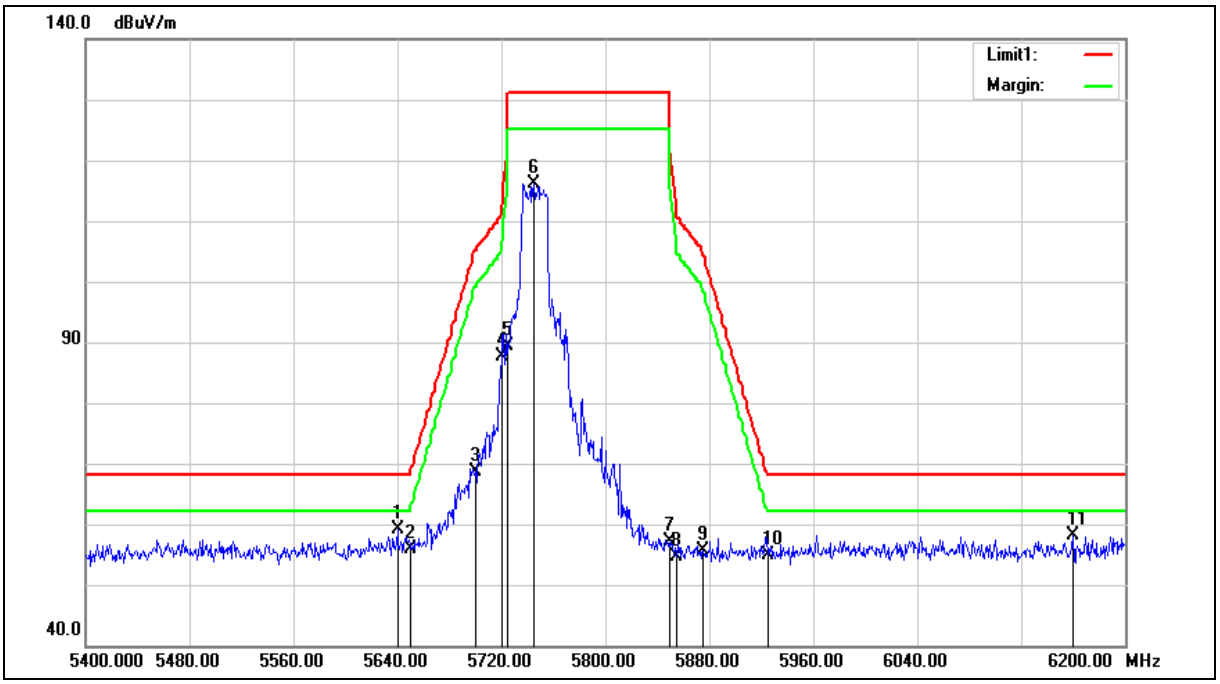
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5637.600	51.34	6.53	57.87	68.20	-10.33	peak
2	5650.000	49.07	6.57	55.64	68.20	-12.56	peak
3	5700.000	59.76	6.69	66.45	105.20	-38.75	peak
4	5720.000	77.83	6.74	84.57	110.80	-26.23	peak
5	5725.000	77.02	6.76	83.78	122.20	-38.42	peak
6	5742.400	108.34	6.80	115.14	131.20	-16.06	peak
7	5850.000	48.12	7.05	55.17	122.20	-67.03	peak
8	5855.000	49.38	7.07	56.45	110.80	-54.35	peak
9	5875.000	47.33	7.12	54.45	105.20	-50.75	peak
10	5925.000	47.06	7.25	54.31	68.20	-13.89	peak
11	6159.200	49.99	8.14	58.13	68.20	-10.07	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		

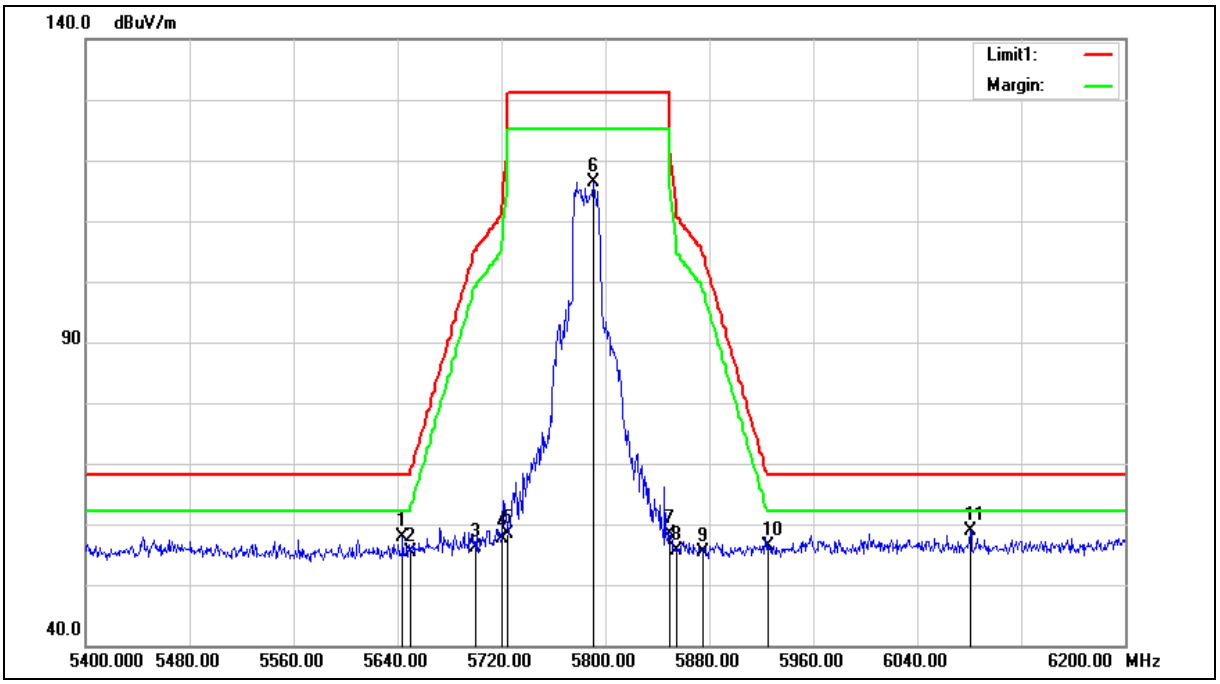
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5640.000	52.69	6.55	59.24	68.20	-8.96	peak
2	5650.000	49.36	6.57	55.93	68.20	-12.27	peak
3	5700.000	62.04	6.69	68.73	105.20	-36.47	peak
4	5720.000	80.94	6.74	87.68	110.80	-23.12	peak
5	5725.000	82.57	6.76	89.33	122.20	-32.87	peak
6	5744.800	109.45	6.80	116.25	131.20	-14.95	peak
7	5850.000	50.00	7.05	57.05	122.20	-65.15	peak
8	5855.000	47.68	7.07	54.75	110.80	-56.05	peak
9	5875.000	48.52	7.12	55.64	105.20	-49.56	peak
10	5925.000	47.70	7.25	54.95	68.20	-13.25	peak
11	6160.000	49.99	8.14	58.13	68.20	-10.07	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		

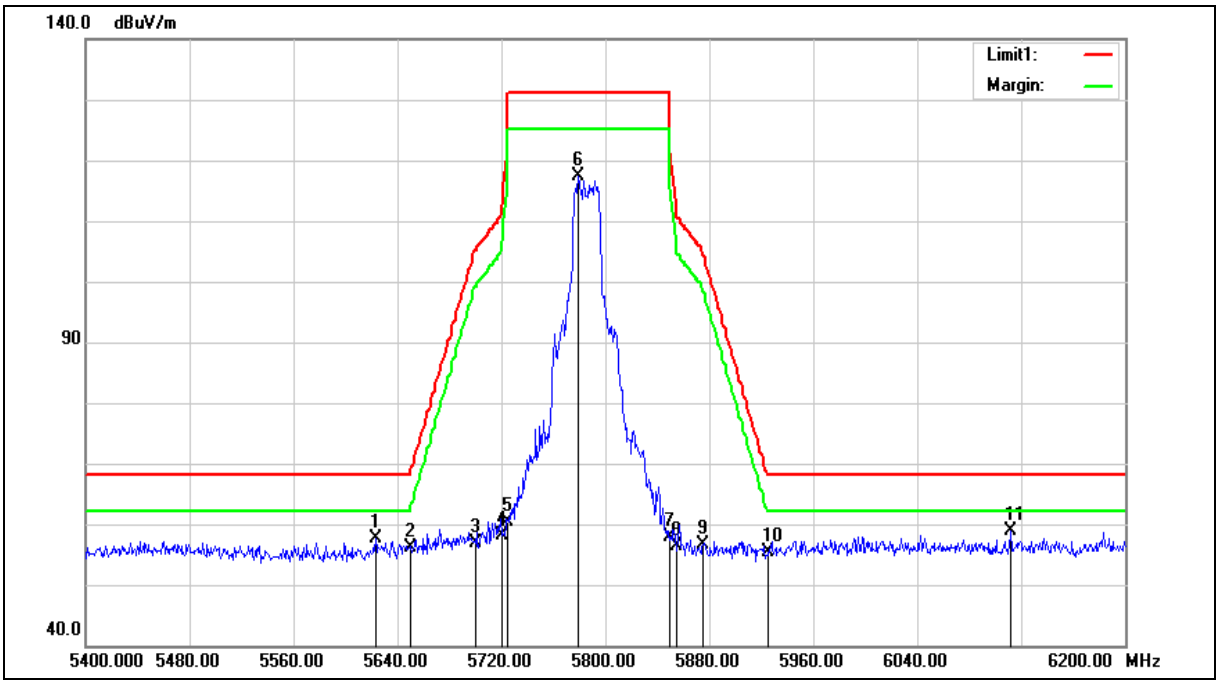
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.000	51.41	6.55	57.96	68.20	-10.24	peak
2	5650.000	48.78	6.57	55.35	68.20	-12.85	peak
3	5700.000	49.41	6.69	56.10	105.20	-49.10	peak
4	5720.000	50.97	6.74	57.71	110.80	-53.09	peak
5	5725.000	51.58	6.76	58.34	122.20	-63.86	peak
6	5790.400	109.48	6.91	116.39	131.20	-14.81	peak
7	5850.000	51.28	7.05	58.33	122.20	-63.87	peak
8	5855.000	48.64	7.07	55.71	110.80	-55.09	peak
9	5875.000	48.17	7.12	55.29	105.20	-49.91	peak
10	5925.000	49.15	7.25	56.40	68.20	-11.80	peak
11	6080.800	51.09	7.78	58.87	68.20	-9.33	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		

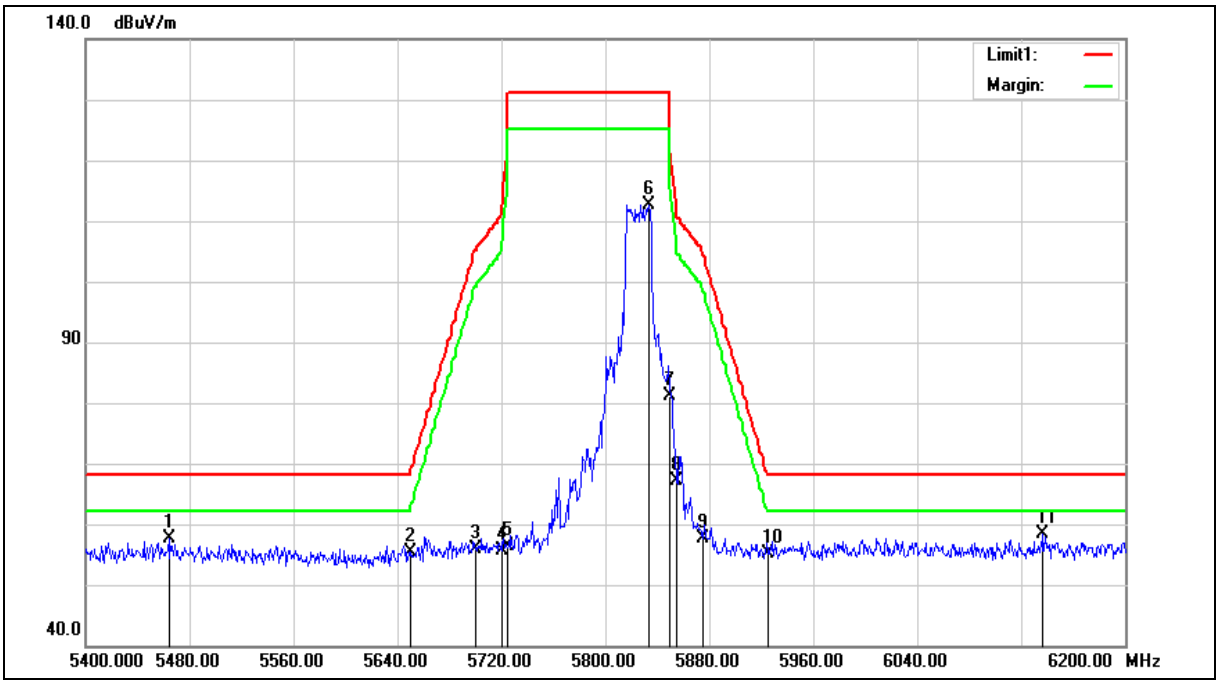
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5623.200	51.20	6.50	57.70	68.20	-10.50	peak
2	5650.000	49.65	6.57	56.22	68.20	-11.98	peak
3	5700.000	50.17	6.69	56.86	105.20	-48.34	peak
4	5720.000	51.32	6.74	58.06	110.80	-52.74	peak
5	5725.000	53.56	6.76	60.32	122.20	-61.88	peak
6	5779.200	110.55	6.88	117.43	131.20	-13.77	peak
7	5850.000	50.72	7.05	57.77	122.20	-64.43	peak
8	5855.000	49.31	7.07	56.38	110.80	-54.42	peak
9	5875.000	49.47	7.12	56.59	105.20	-48.61	peak
10	5925.000	48.08	7.25	55.33	68.20	-12.87	peak
11	6112.000	50.86	7.93	58.79	68.20	-9.41	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		

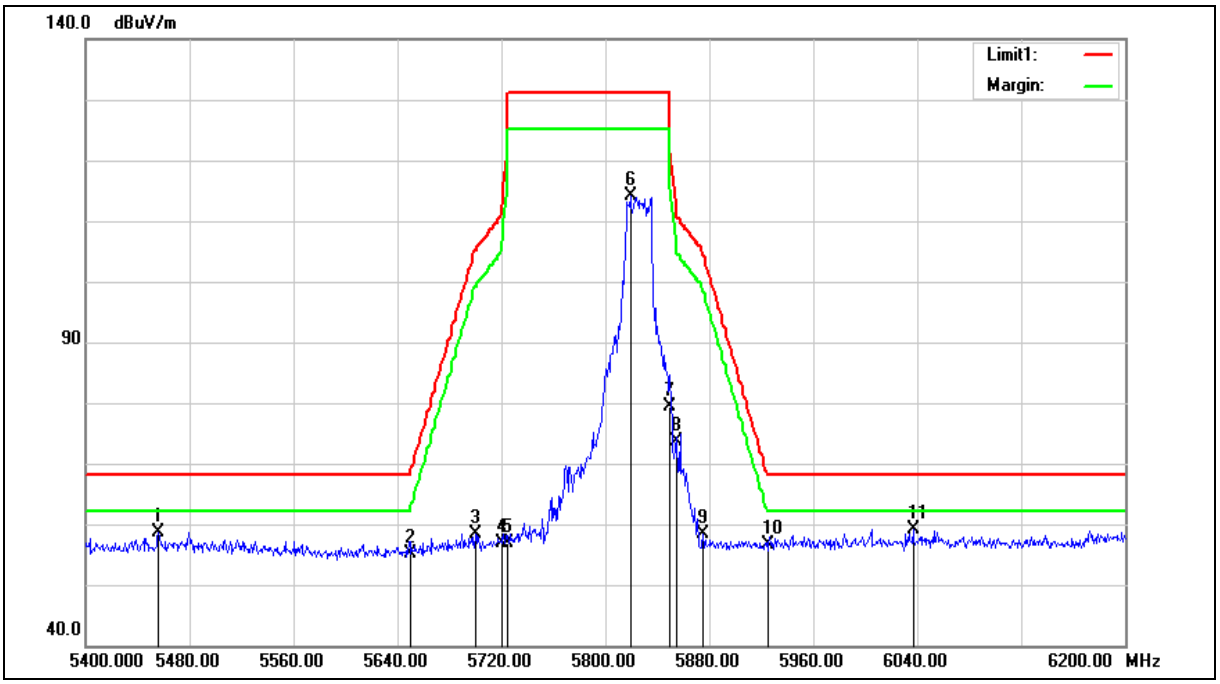
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5464.000	51.38	6.14	57.52	68.20	-10.68	peak
2	5650.000	48.69	6.57	55.26	68.20	-12.94	peak
3	5700.000	49.12	6.69	55.81	105.20	-49.39	peak
4	5720.000	48.99	6.74	55.73	110.80	-55.07	peak
5	5725.000	49.56	6.76	56.32	122.20	-65.88	peak
6	5833.600	105.54	7.02	112.56	131.20	-18.64	peak
7	5850.000	74.01	7.05	81.06	122.20	-41.14	peak
8	5855.000	59.97	7.07	67.04	110.80	-43.76	peak
9	5875.000	50.43	7.12	57.55	105.20	-47.65	peak
10	5925.000	47.98	7.25	55.23	68.20	-12.97	peak
11	6136.800	50.39	8.05	58.44	68.20	-9.76	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 8		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		

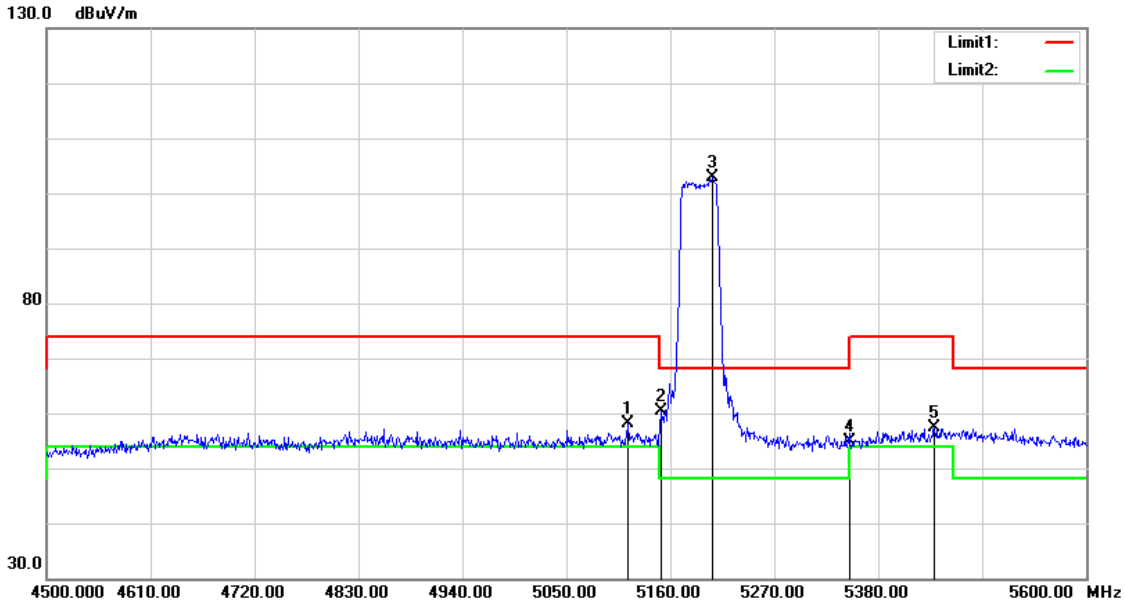
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.000	52.40	6.13	58.53	68.20	-9.67	peak
2	5650.000	48.45	6.57	55.02	68.20	-13.18	peak
3	5700.000	51.62	6.69	58.31	105.20	-46.89	peak
4	5720.000	50.11	6.74	56.85	110.80	-53.95	peak
5	5725.000	50.01	6.76	56.77	122.20	-65.43	peak
6	5819.200	107.04	6.99	114.03	131.20	-17.17	peak
7	5850.000	72.27	7.05	79.32	122.20	-42.88	peak
8	5855.000	66.58	7.07	73.65	110.80	-37.15	peak
9	5875.000	51.30	7.12	58.42	105.20	-46.78	peak
10	5925.000	49.41	7.25	56.66	68.20	-11.54	peak
11	6036.800	51.58	7.60	59.18	68.20	-9.02	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



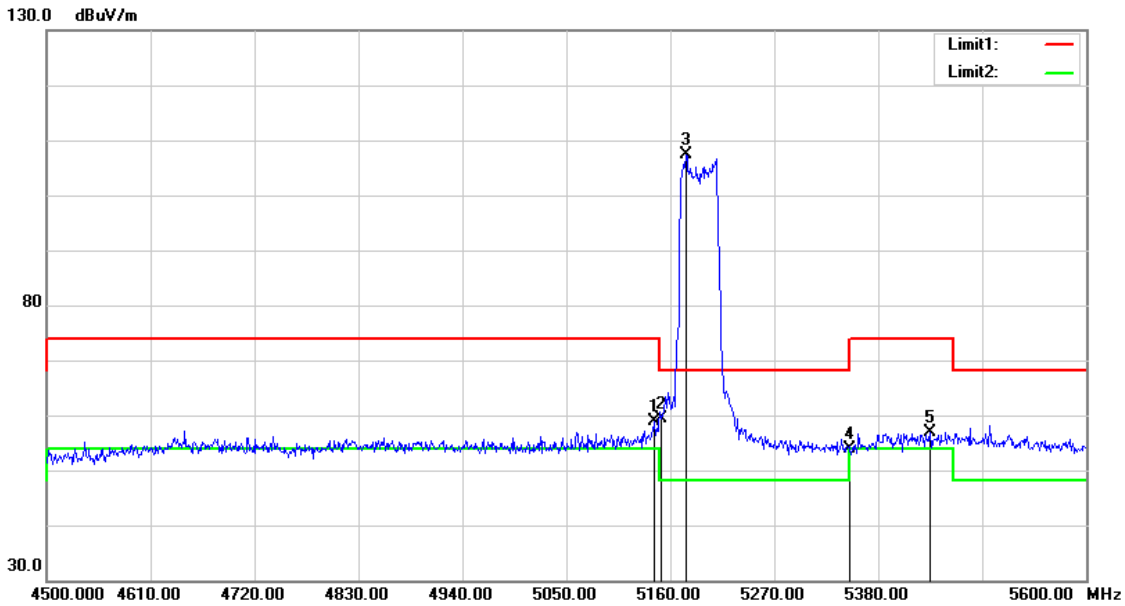
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5114.900	52.32	5.71	58.03	74.00	-15.97	peak
2	5150.000	54.73	5.75	60.48	74.00	-13.52	peak
3	5205.100	97.09	5.82	102.91	68.20	34.71	peak
4	5350.000	48.91	6.00	54.91	74.00	-19.09	peak
5	5439.400	51.16	6.12	57.28	74.00	-16.72	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:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



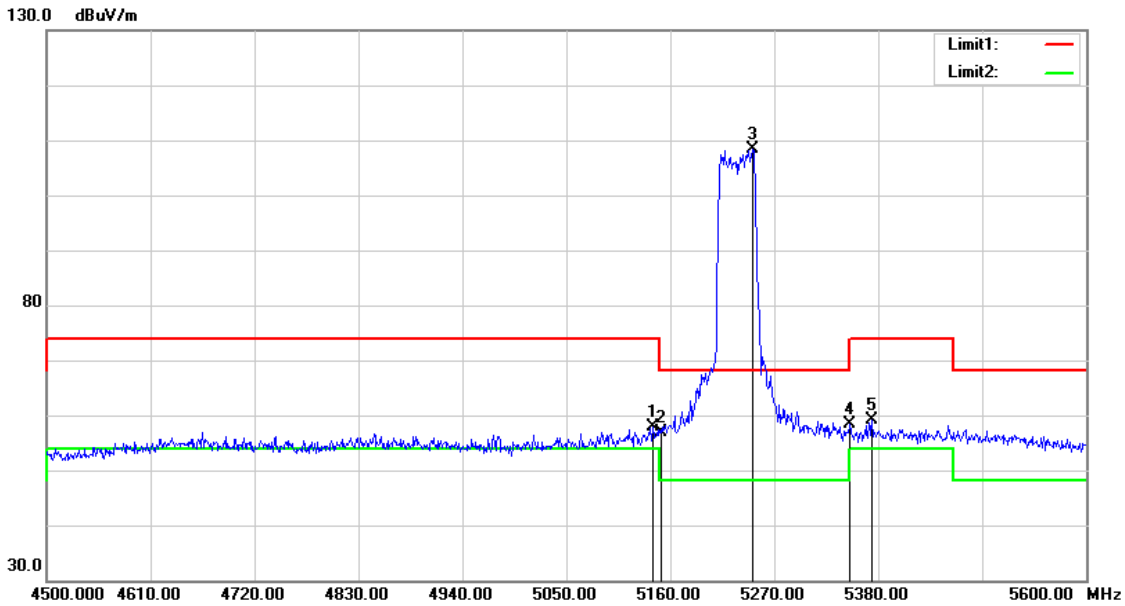
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.500	53.23	5.75	58.98	74.00	-15.02	peak
2	5150.000	53.54	5.75	59.29	74.00	-14.71	peak
3	5176.500	101.50	5.79	107.29	68.20	39.09	peak
4	5350.000	47.85	6.00	53.85	74.00	-20.15	peak
5	5435.000	50.85	6.11	56.96	74.00	-17.04	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:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



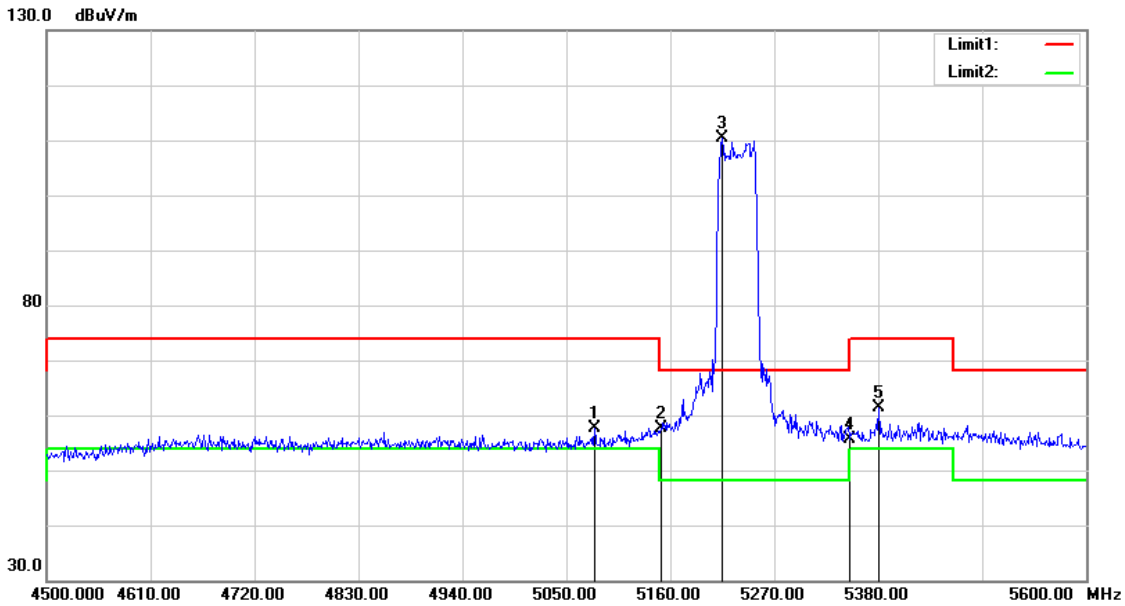
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.300	52.11	5.75	57.86	74.00	-16.14	peak
2	5150.000	51.14	5.75	56.89	74.00	-17.11	peak
3	5246.900	102.46	5.88	108.34	68.20	40.14	peak
4	5350.000	52.39	6.00	58.39	74.00	-15.61	peak
5	5373.400	53.11	6.03	59.14	74.00	-14.86	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:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



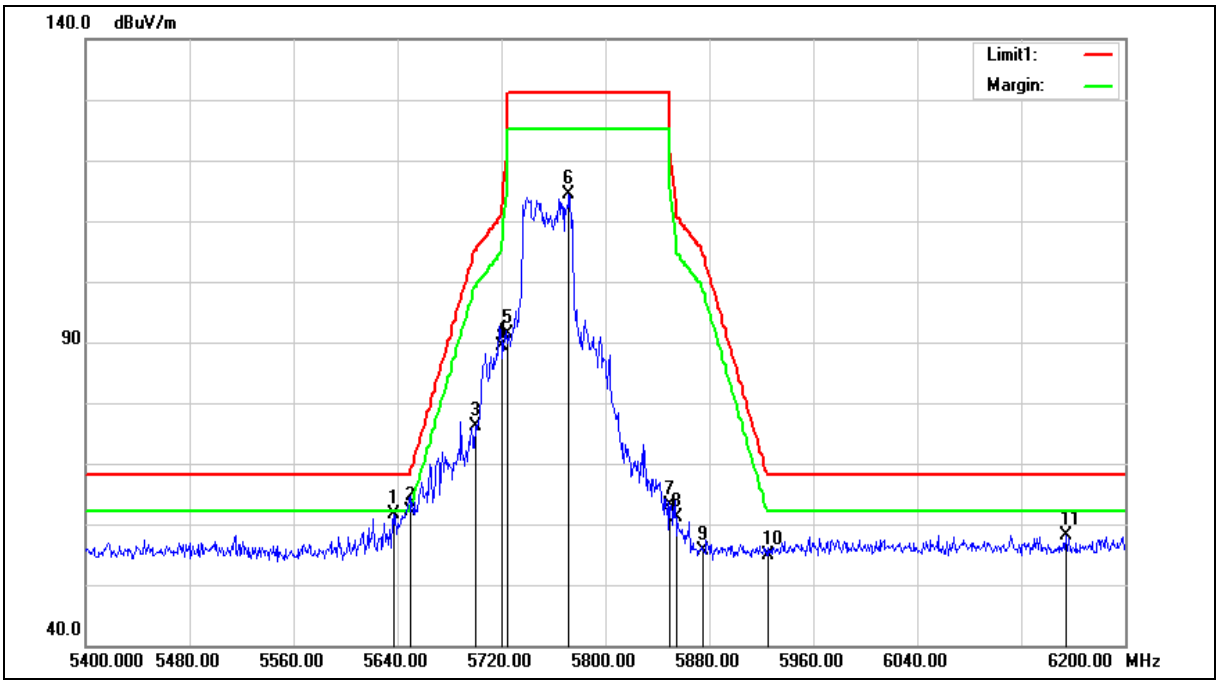
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5079.700	51.97	5.66	57.63	74.00	-16.37	peak
2	5150.000	51.77	5.75	57.52	74.00	-16.48	peak
3	5215.000	104.53	5.84	110.37	68.20	42.17	peak
4	5350.000	49.53	6.00	55.53	74.00	-18.47	peak
5	5381.100	55.44	6.04	61.48	74.00	-12.52	peak

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

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

3.When the peak 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 9		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

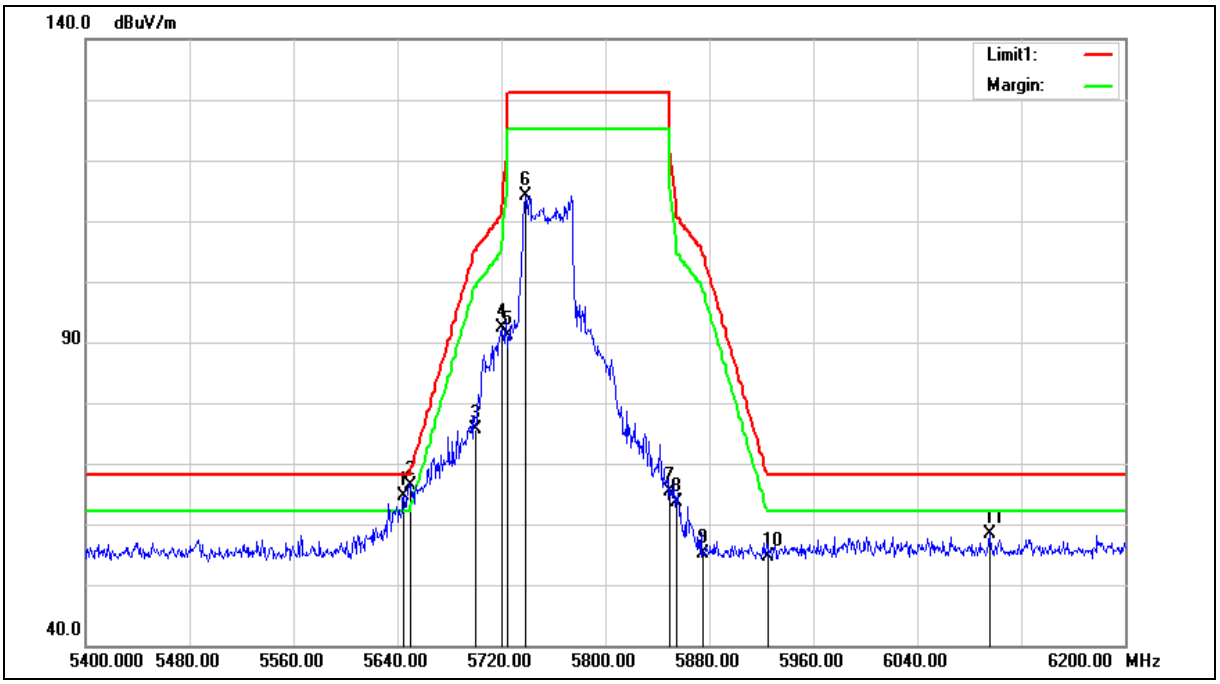
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5637.600	55.03	6.53	61.56	68.20	-6.64	peak
2	5650.000	55.52	6.57	62.09	68.20	-6.11	peak
3	5700.000	69.37	6.69	76.06	105.20	-29.14	peak
4	5720.000	82.66	6.74	89.40	110.80	-21.40	peak
5	5725.000	84.72	6.76	91.48	122.20	-30.72	peak
6	5772.000	107.43	6.86	114.29	131.20	-16.91	peak
7	5850.000	56.04	7.05	63.09	122.20	-59.11	peak
8	5855.000	53.99	7.07	61.06	110.80	-49.74	peak
9	5875.000	48.52	7.12	55.64	105.20	-49.56	peak
10	5925.000	47.65	7.25	54.90	68.20	-13.30	peak
11	6154.400	50.05	8.12	58.17	68.20	-10.03	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:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

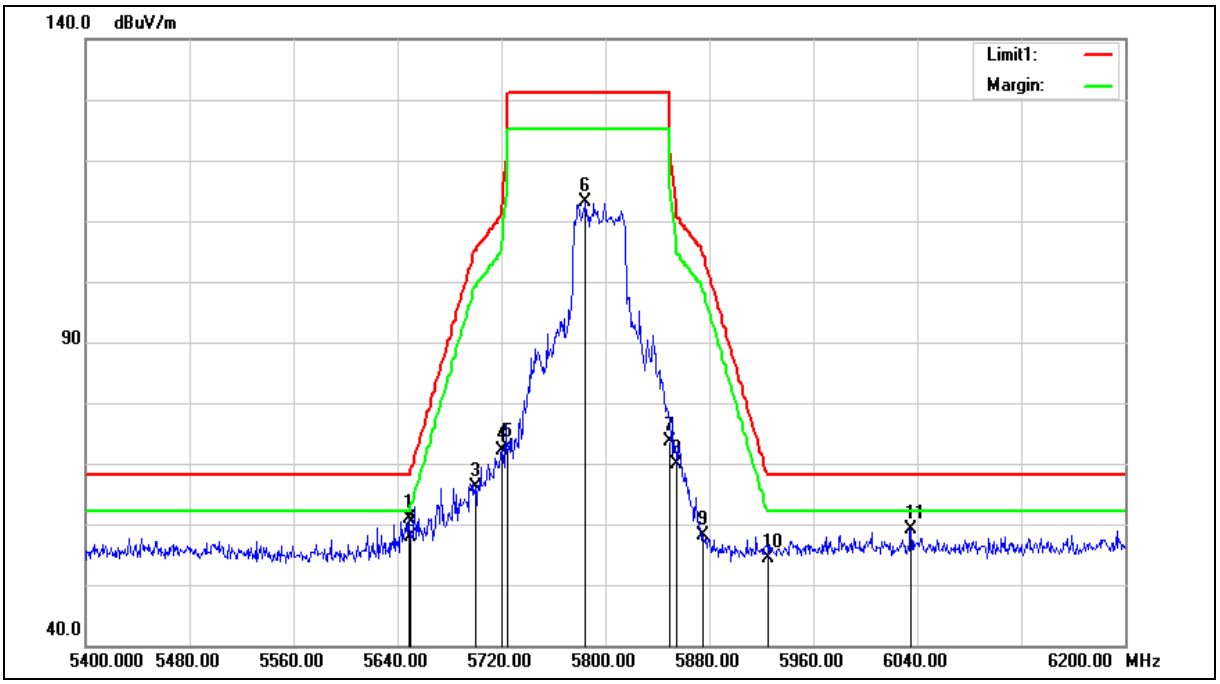
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.800	58.13	6.55	64.68	68.20	-3.52	peak
2	5650.000	59.80	6.57	66.37	68.20	-1.83	peak
3	5700.000	69.06	6.69	75.75	105.20	-29.45	peak
4	5720.000	85.57	6.74	92.31	110.80	-18.49	peak
5	5725.000	84.37	6.76	91.13	122.20	-31.07	peak
6	5738.400	107.44	6.78	114.22	131.20	-16.98	peak
7	5850.000	58.45	7.05	65.50	122.20	-56.70	peak
8	5855.000	56.65	7.07	63.72	110.80	-47.08	peak
9	5875.000	47.90	7.12	55.02	105.20	-50.18	peak
10	5925.000	47.32	7.25	54.57	68.20	-13.63	peak
11	6096.000	50.53	7.86	58.39	68.20	-9.81	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

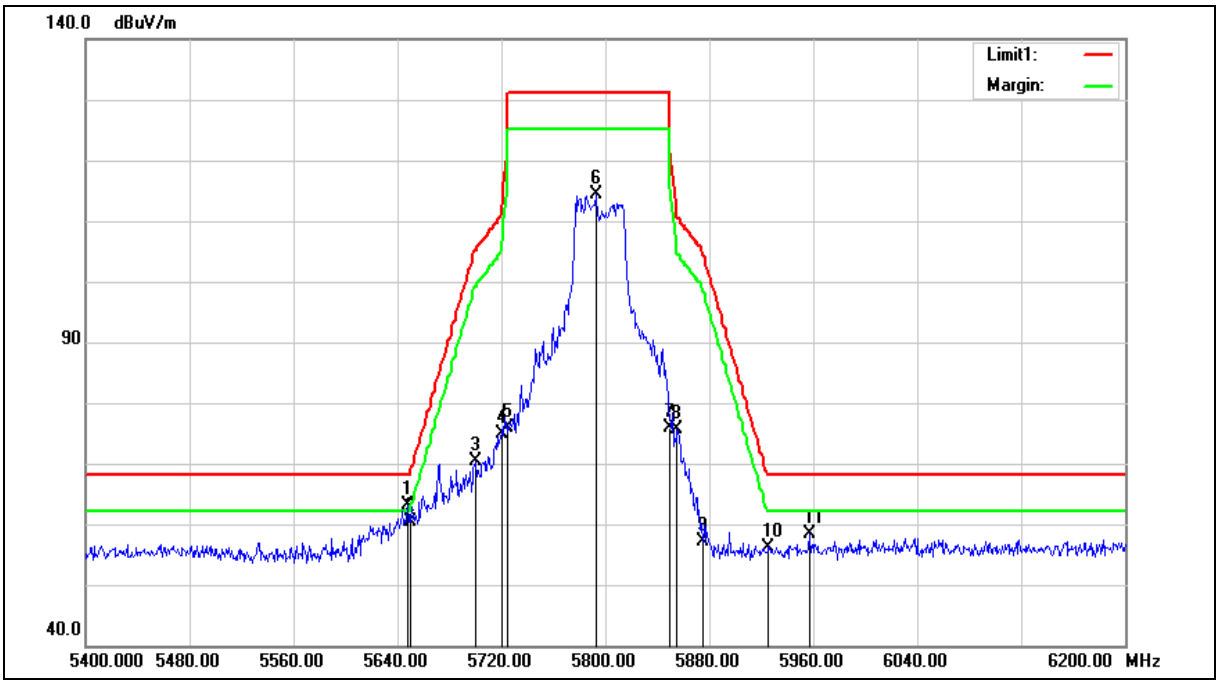
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5648.800	54.27	6.57	60.84	68.20	-7.36	peak
2	5650.000	51.40	6.57	57.97	68.20	-10.23	peak
3	5700.000	59.54	6.69	66.23	105.20	-38.97	peak
4	5720.000	65.48	6.74	72.22	110.80	-38.58	peak
5	5725.000	65.87	6.76	72.63	122.20	-49.57	peak
6	5784.800	106.21	6.90	113.11	131.20	-18.09	peak
7	5850.000	66.70	7.05	73.75	122.20	-48.45	peak
8	5855.000	62.84	7.07	69.91	110.80	-40.89	peak
9	5875.000	50.89	7.12	58.01	105.20	-47.19	peak
10	5925.000	47.04	7.25	54.29	68.20	-13.91	peak
11	6035.200	51.62	7.59	59.21	68.20	-8.99	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:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

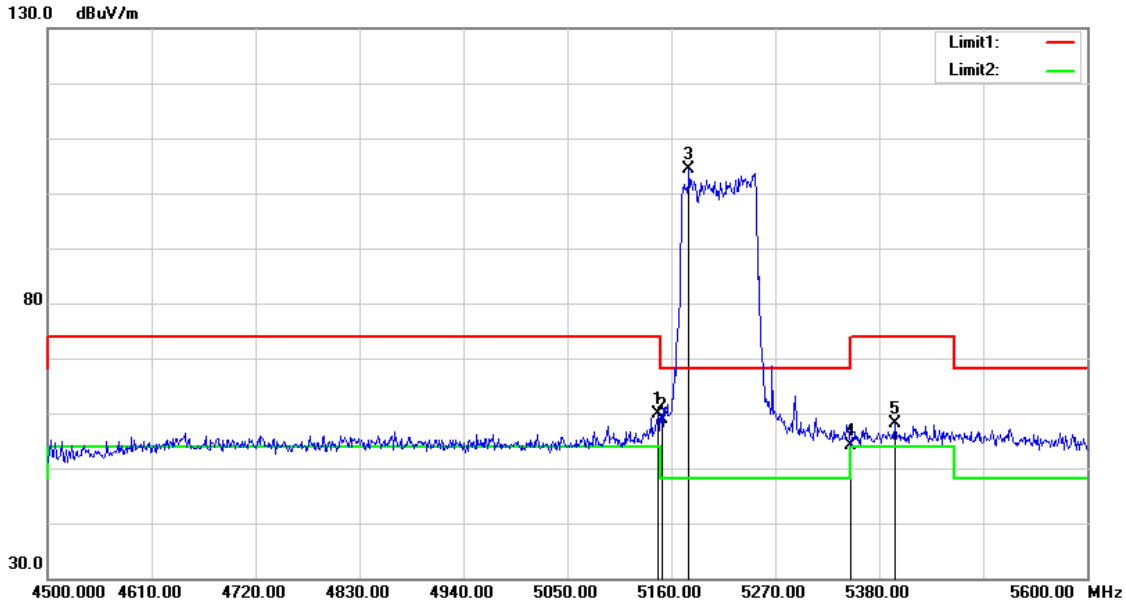
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5648.000	56.48	6.56	63.04	68.20	-5.16	peak
2	5650.000	53.74	6.57	60.31	68.20	-7.89	peak
3	5700.000	63.69	6.69	70.38	105.20	-34.82	peak
4	5720.000	68.26	6.74	75.00	110.80	-35.80	peak
5	5725.000	69.17	6.76	75.93	122.20	-46.27	peak
6	5792.800	107.45	6.92	114.37	131.20	-16.83	peak
7	5850.000	68.78	7.05	75.83	122.20	-46.37	peak
8	5855.000	68.49	7.07	75.56	110.80	-35.24	peak
9	5875.000	50.11	7.12	57.23	105.20	-47.97	peak
10	5925.000	48.99	7.25	56.24	68.20	-11.96	peak
11	5956.800	51.02	7.32	58.34	68.20	-9.86	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



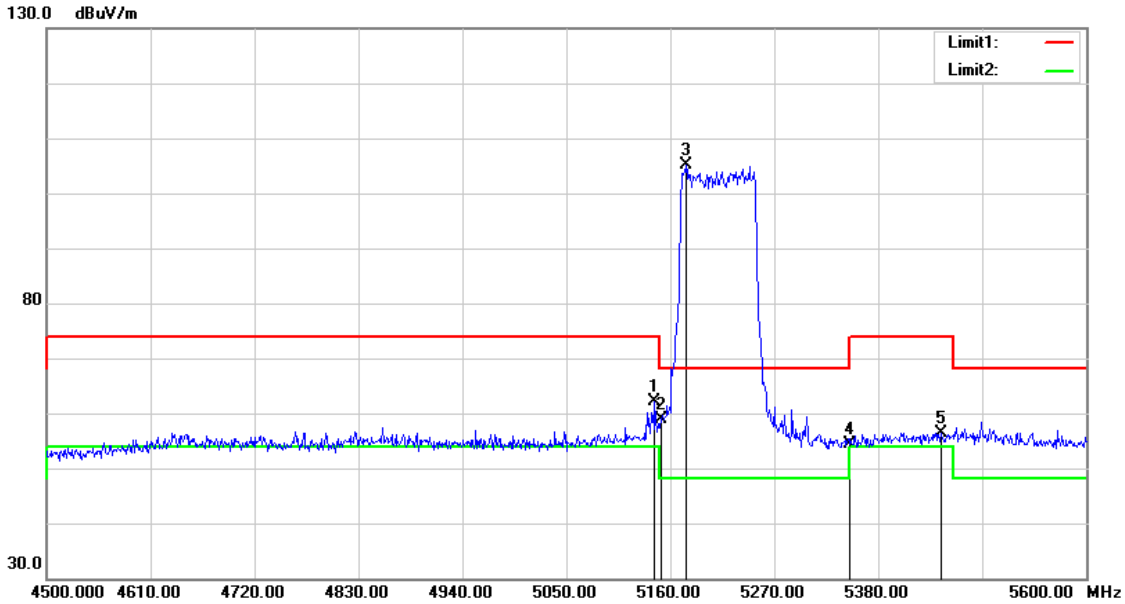
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	54.22	5.76	59.98	74.00	-14.02	peak
2	5150.000	53.11	5.75	58.86	74.00	-15.14	peak
3	5178.700	98.64	5.79	104.43	68.20	36.23	peak
4	5350.000	48.21	6.00	54.21	74.00	-19.79	peak
5	5396.500	52.06	6.06	58.12	74.00	-15.88	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:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



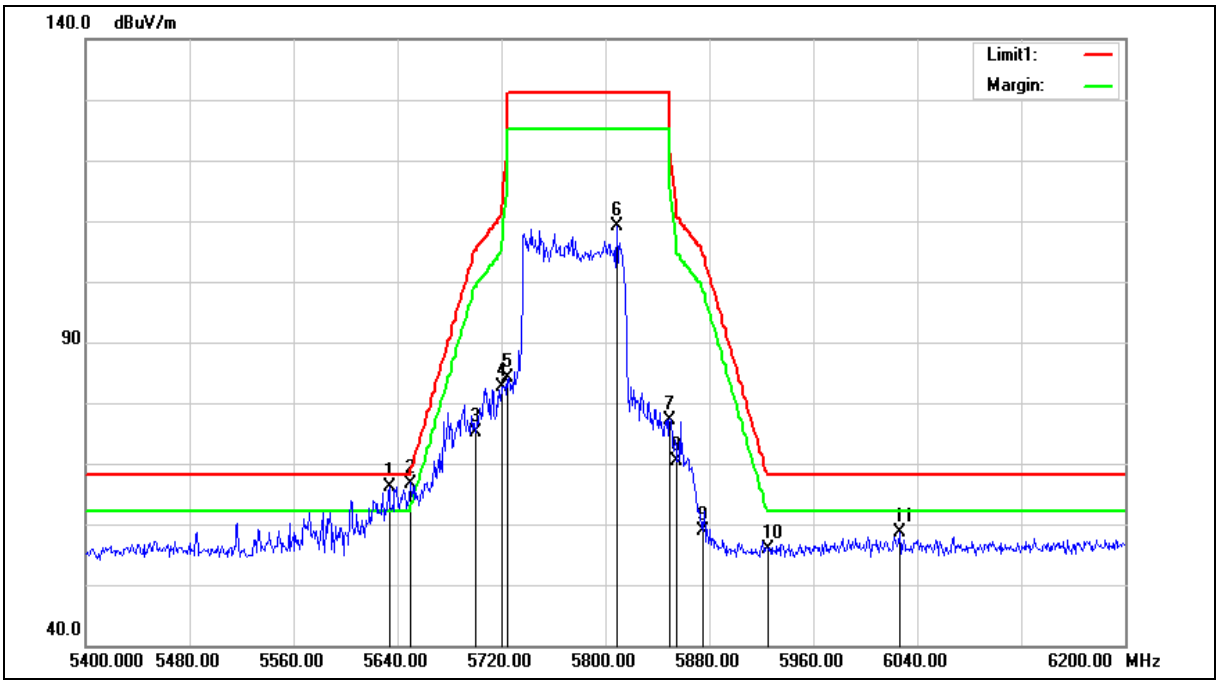
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.500	56.35	5.75	62.10	74.00	-11.90	peak
2	5150.000	53.22	5.75	58.97	74.00	-15.03	peak
3	5176.500	99.34	5.79	105.13	68.20	36.93	peak
4	5350.000	48.27	6.00	54.27	74.00	-19.73	peak
5	5446.000	50.30	6.13	56.43	74.00	-17.57	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:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

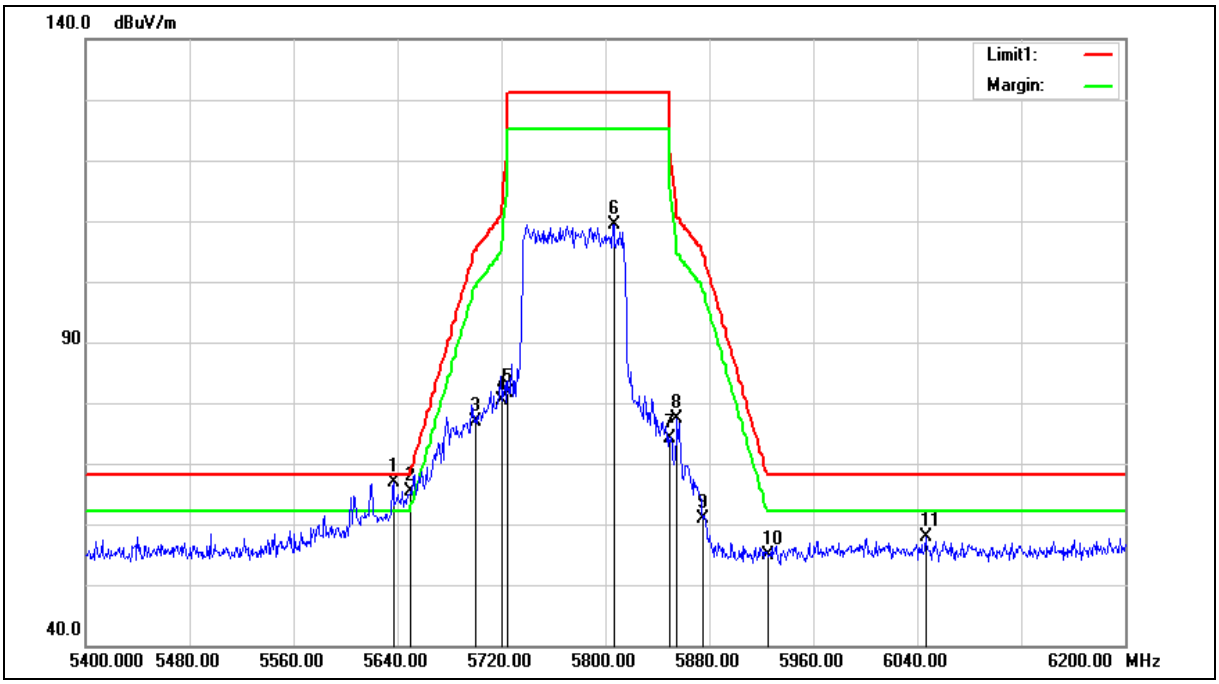
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5633.600	59.72	6.53	66.25	68.20	-1.95	peak
2	5650.000	60.07	6.57	66.64	68.20	-1.56	peak
3	5700.000	68.47	6.69	75.16	105.20	-30.04	peak
4	5720.000	75.83	6.74	82.57	110.80	-28.23	peak
5	5725.000	77.40	6.76	84.16	122.20	-38.04	peak
6	5808.800	102.08	6.95	109.03	131.20	-22.17	peak
7	5850.000	70.02	7.05	77.07	122.20	-45.13	peak
8	5855.000	63.29	7.07	70.36	110.80	-40.44	peak
9	5875.000	51.79	7.12	58.91	105.20	-46.29	peak
10	5925.000	48.74	7.25	55.99	68.20	-12.21	peak
11	6026.400	51.09	7.54	58.63	68.20	-9.57	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:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5636.800	60.39	6.53	66.92	68.20	-1.28	peak
2	5650.000	58.71	6.57	65.28	68.20	-2.92	peak
3	5700.000	70.25	6.69	76.94	105.20	-28.26	peak
4	5720.000	73.56	6.74	80.30	110.80	-30.50	peak
5	5725.000	74.97	6.76	81.73	122.20	-40.47	peak
6	5806.400	102.53	6.95	109.48	131.20	-21.72	peak
7	5850.000	67.20	7.05	74.25	122.20	-47.95	peak
8	5855.000	70.40	7.07	77.47	110.80	-33.33	peak
9	5875.000	53.71	7.12	60.83	105.20	-44.37	peak
10	5925.000	47.72	7.25	54.97	68.20	-13.23	peak
11	6046.400	50.16	7.64	57.80	68.20	-10.40	peak

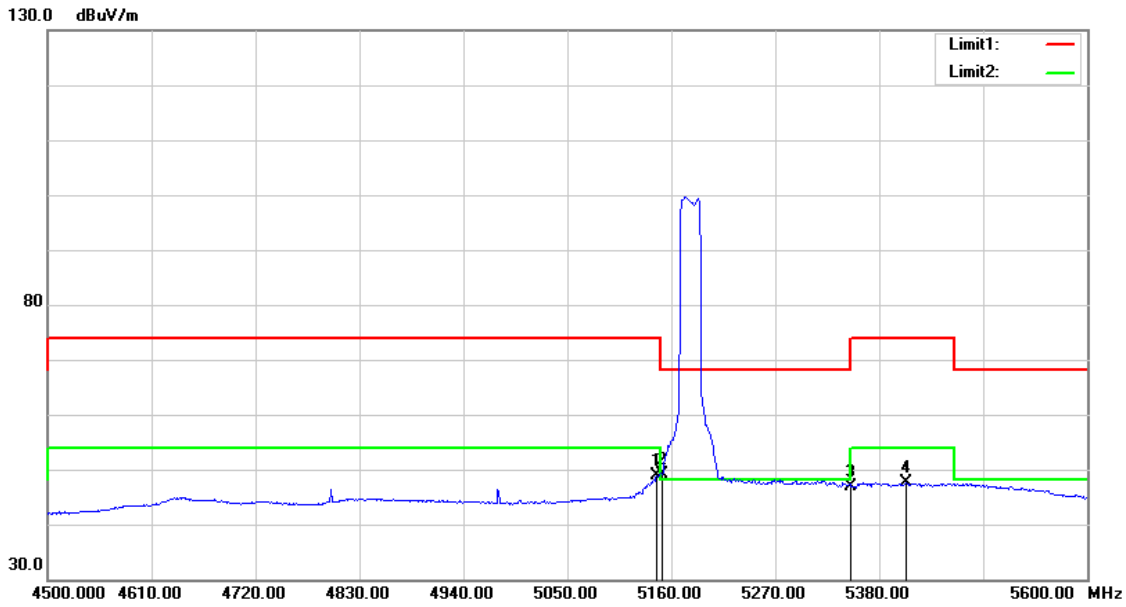
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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

Average

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5180 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



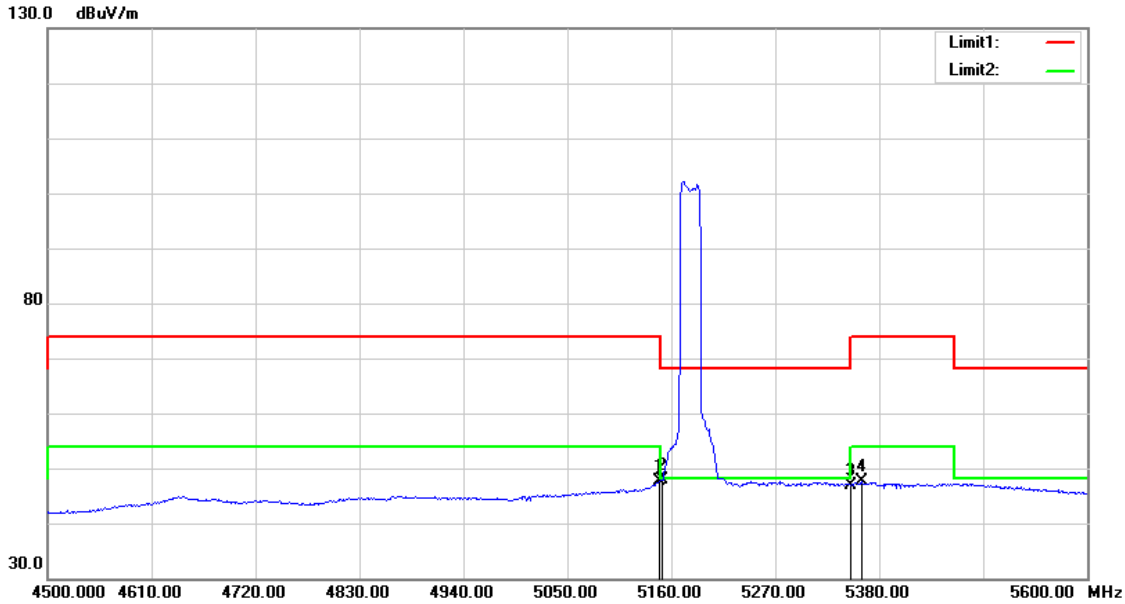
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	43.01	5.76	48.77	54.00	-5.23	AVG
2	5150.000	43.39	5.75	49.14	54.00	-4.86	AVG
3	5350.000	40.95	6.00	46.95	54.00	-7.05	AVG
4	5408.600	41.63	6.08	47.71	54.00	-6.29	AVG

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 8		
Ant.Polar.:	Vertical		



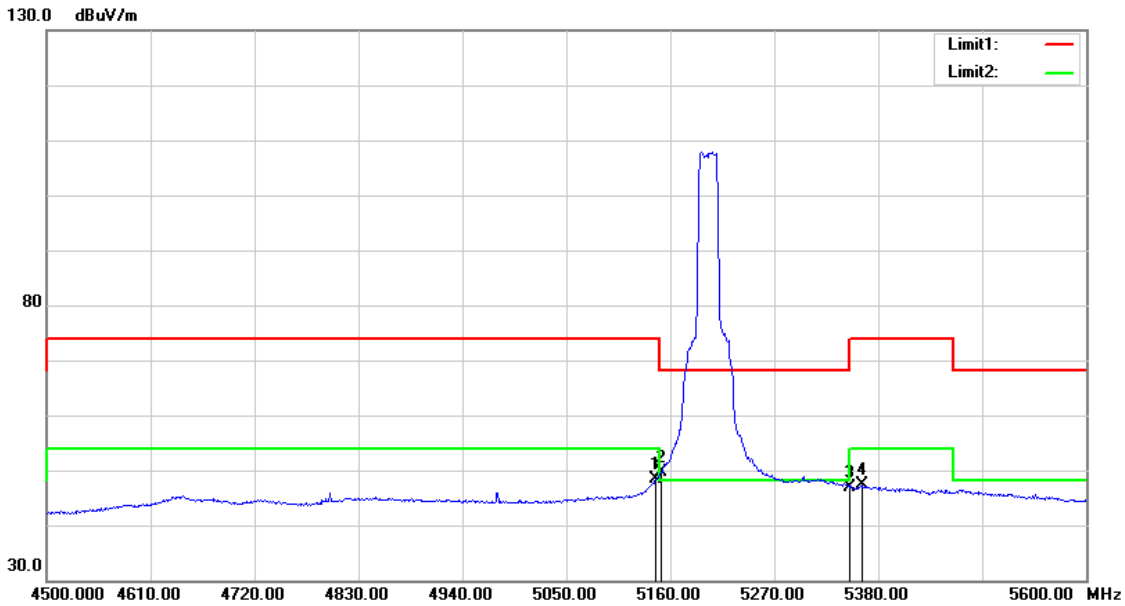
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	41.89	5.76	47.65	54.00	-6.35	AVG
2	5150.000	42.25	5.75	48.00	54.00	-6.00	AVG
3	5350.000	40.97	6.00	46.97	54.00	-7.03	AVG
4	5361.300	41.55	6.02	47.57	54.00	-6.43	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



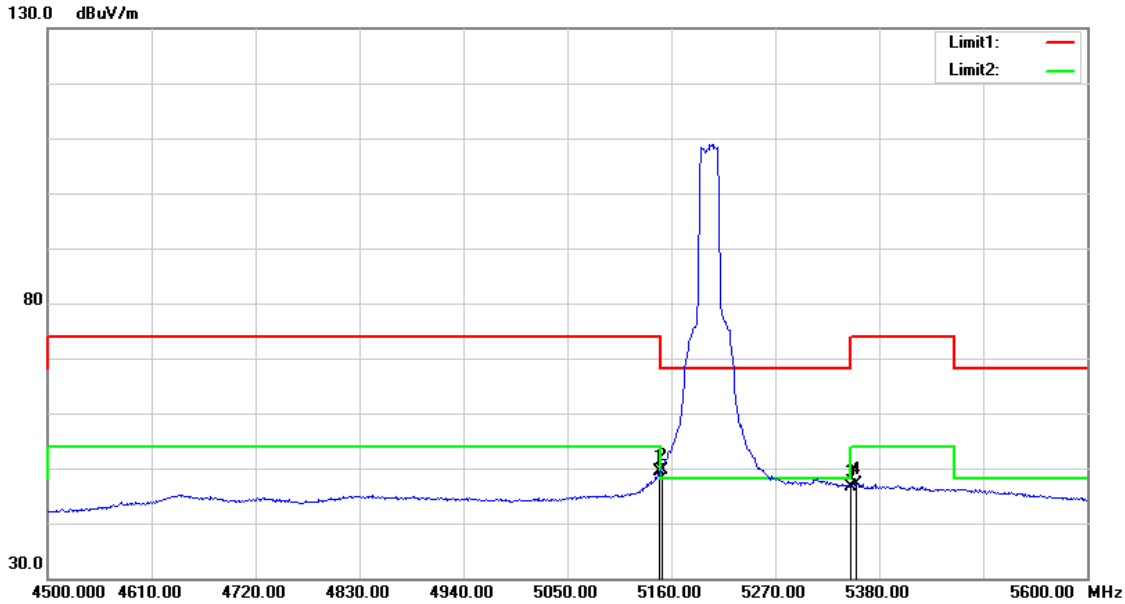
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	42.61	5.76	48.37	54.00	-5.63	AVG
2	5150.000	43.82	5.75	49.57	54.00	-4.43	AVG
3	5350.000	40.92	6.00	46.92	54.00	-7.08	AVG
4	5363.500	41.29	6.02	47.31	54.00	-6.69	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



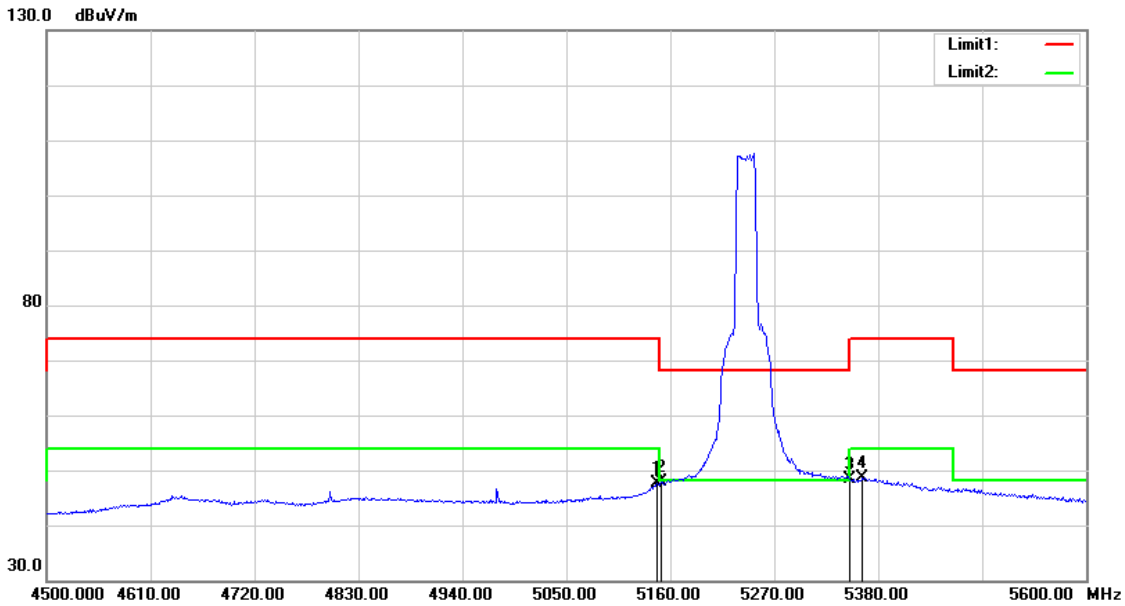
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	43.57	5.76	49.33	54.00	-4.67	AVG
2	5150.000	44.00	5.75	49.75	54.00	-4.25	AVG
3	5350.000	40.73	6.00	46.73	54.00	-7.27	AVG
4	5355.800	41.12	6.00	47.12	54.00	-6.88	AVG

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 8		
Ant.Polar.:	Horizontal		



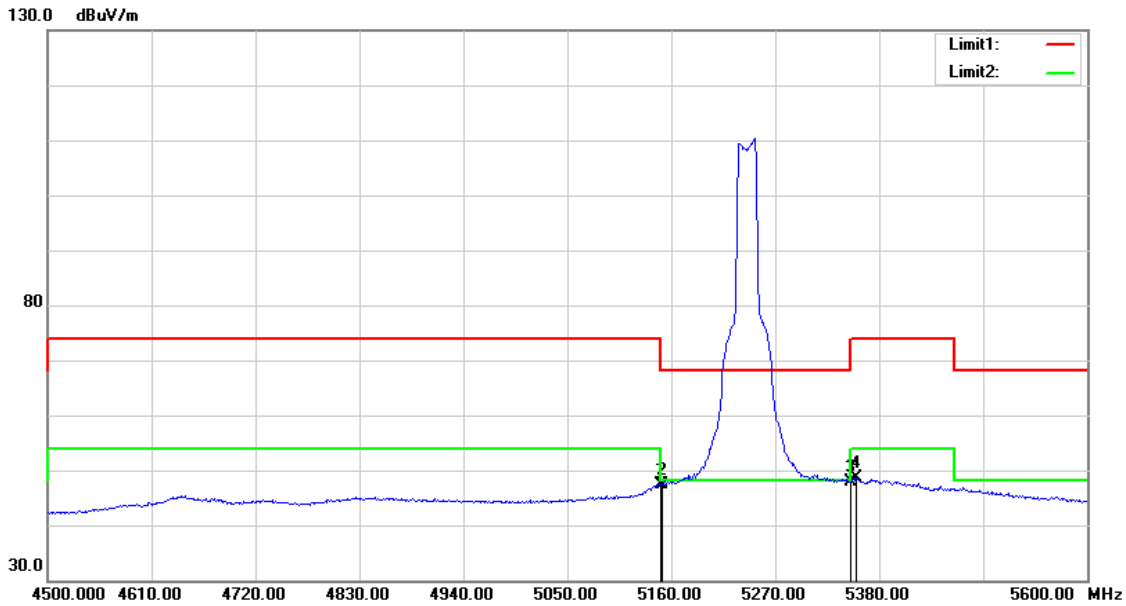
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	41.78	5.76	47.54	54.00	-6.46	AVG
2	5150.000	42.18	5.75	47.93	54.00	-6.07	AVG
3	5350.000	42.47	6.00	48.47	54.00	-5.53	AVG
4	5363.500	42.56	6.02	48.58	54.00	-5.42	AVG

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 8		
Ant.Polar.:	Vertical		



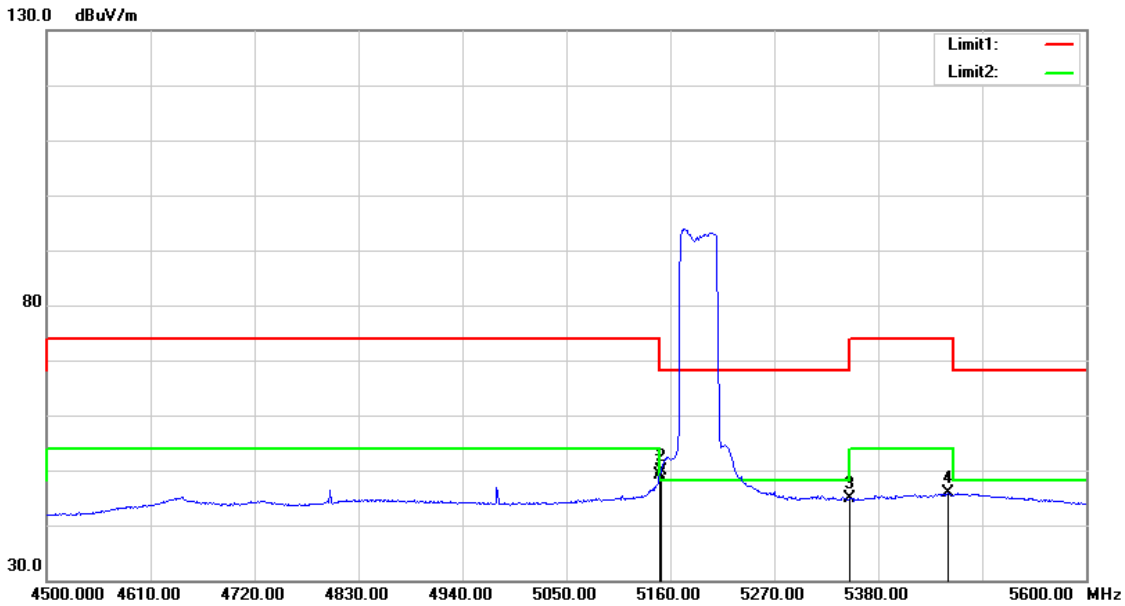
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.000	41.59	5.76	47.35	54.00	-6.65	AVG
2	5150.000	41.58	5.75	47.33	54.00	-6.67	AVG
3	5350.000	41.90	6.00	47.90	54.00	-6.10	AVG
4	5355.800	42.71	6.00	48.71	54.00	-5.29	AVG

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 9		
Ant.Polar.:	Horizontal		



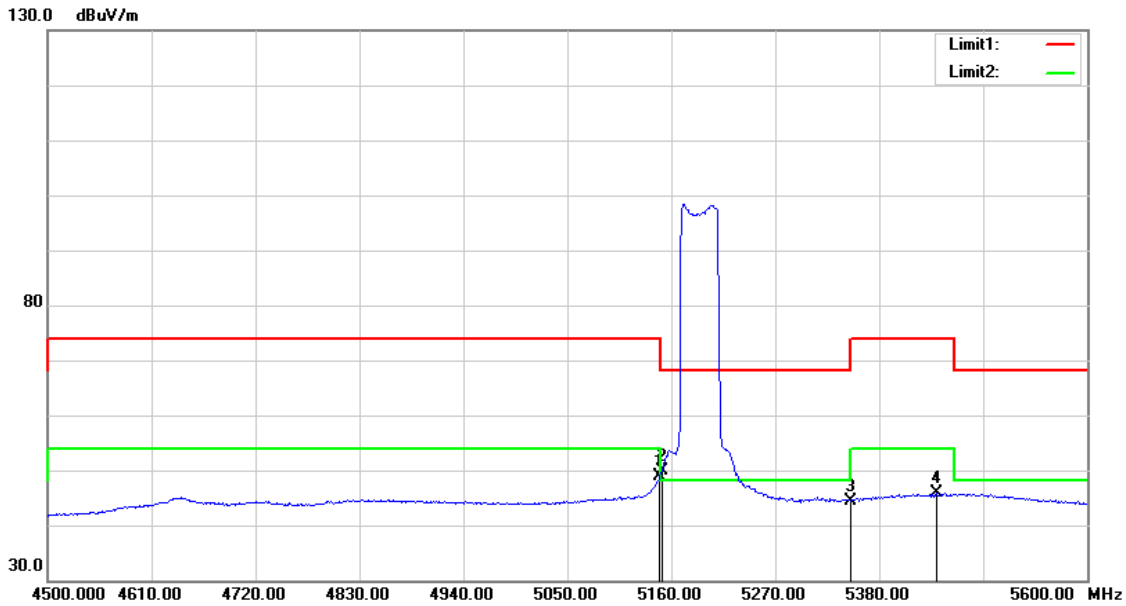
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5149.000	43.37	5.76	49.13	54.00	-4.87	AVG
2	5150.000	44.05	5.75	49.80	54.00	-4.20	AVG
3	5350.000	38.92	6.00	44.92	54.00	-9.08	AVG
4	5453.700	39.73	6.12	45.85	54.00	-8.15	AVG

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 9		
Ant.Polar.:	Vertical		



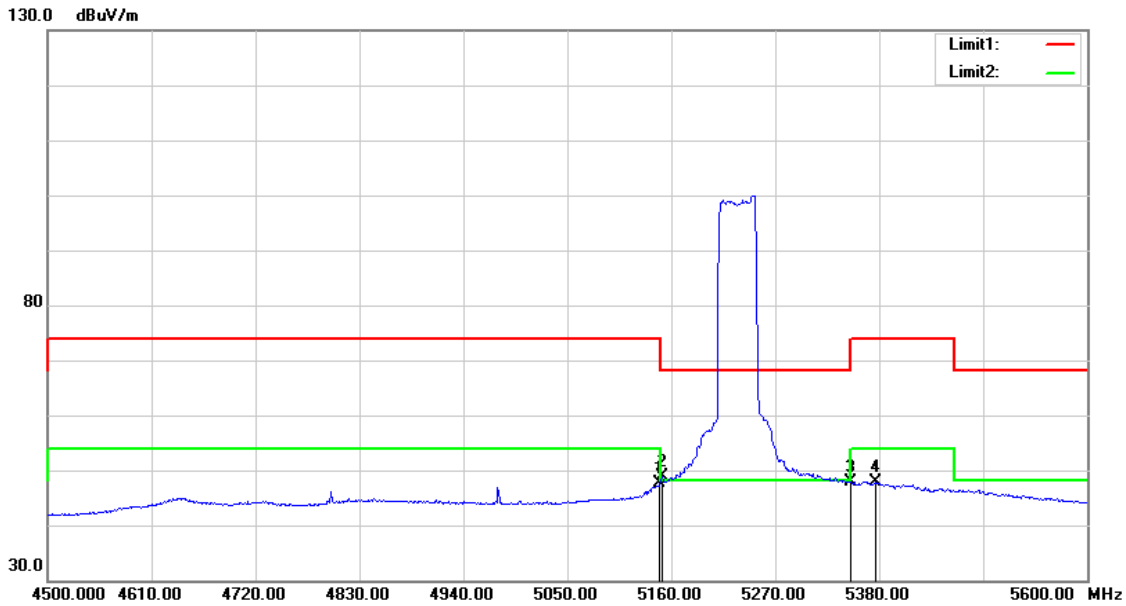
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	43.04	5.76	48.80	54.00	-5.20	AVG
2	5150.000	44.15	5.75	49.90	54.00	-4.10	AVG
3	5350.000	38.47	6.00	44.47	54.00	-9.53	AVG
4	5440.500	39.70	6.12	45.82	54.00	-8.18	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



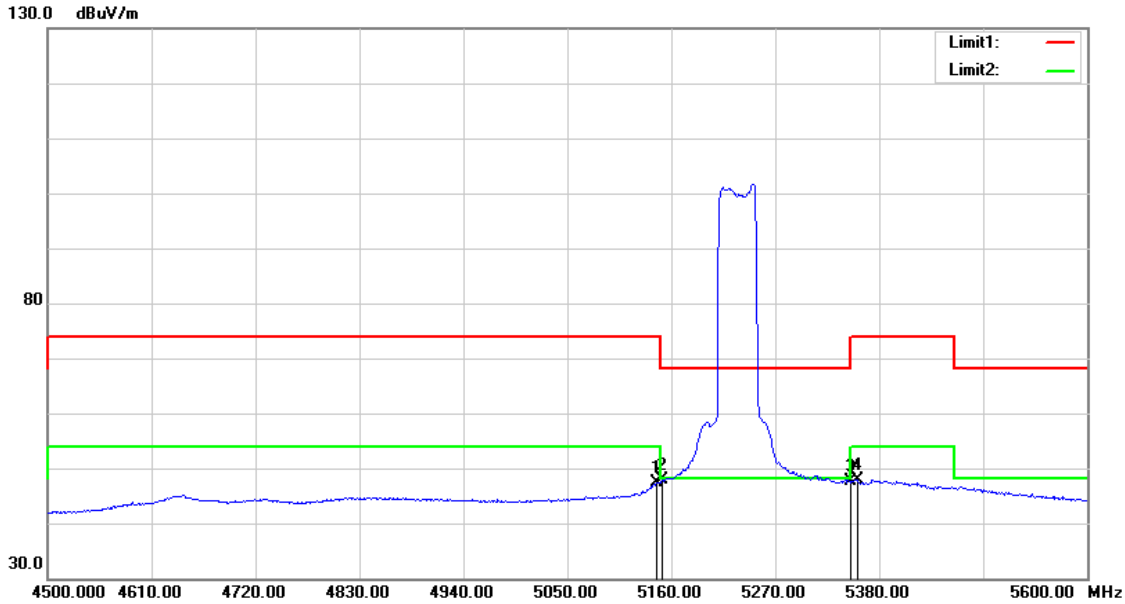
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	41.81	5.76	47.57	54.00	-6.43	AVG
2	5150.000	43.01	5.75	48.76	54.00	-5.24	AVG
3	5350.000	41.93	6.00	47.93	54.00	-6.07	AVG
4	5376.700	41.92	6.03	47.95	54.00	-6.05	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



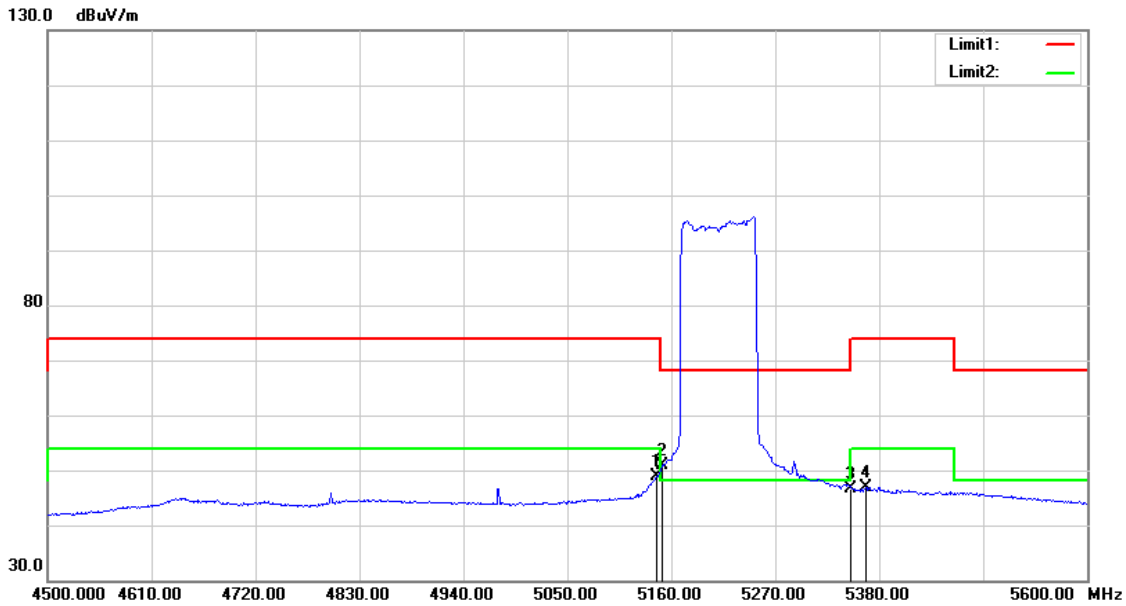
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	41.59	5.76	47.35	54.00	-6.65	AVG
2	5150.000	42.08	5.75	47.83	54.00	-6.17	AVG
3	5350.000	41.51	6.00	47.51	54.00	-6.49	AVG
4	5356.900	41.81	6.01	47.82	54.00	-6.18	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



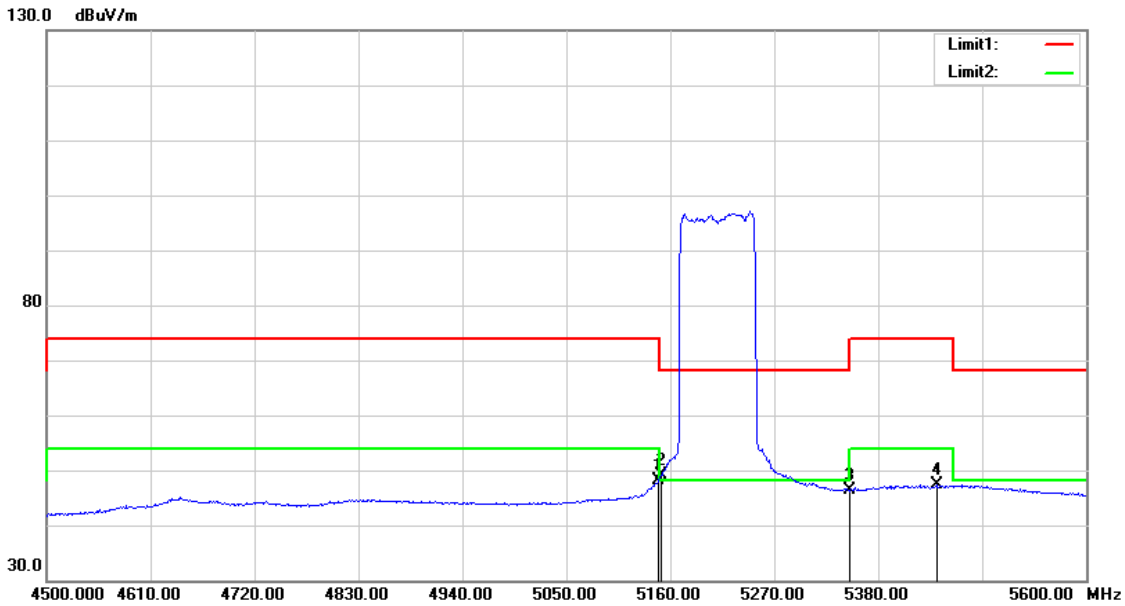
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	43.20	5.76	48.96	54.00	-5.04	AVG
2	5150.000	45.02	5.75	50.77	54.00	-3.23	AVG
3	5350.000	40.75	6.00	46.75	54.00	-7.25	AVG
4	5365.700	40.87	6.02	46.89	54.00	-7.11	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	42.33	5.76	48.09	54.00	-5.91	AVG
2	5150.000	43.38	5.75	49.13	54.00	-4.87	AVG
3	5350.000	40.44	6.00	46.44	54.00	-7.56	AVG
4	5442.700	41.35	6.12	47.47	54.00	-6.53	AVG

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

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

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