

RF Test Report

Applicant : Draytek Corporation

Product Name : Vigor Router 11ax Series

Trade Name : DrayTek

Model Number : Vigor2765ax, Vigor2765Vax, Vigor2766ax, Vigor2766Vax,
Vigor2135ax, Vigor2135Vax, Vigor2135Fax, Vigor2135FVax,
VigorAP 906

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

Received Date : Feb. 08, 2022

Test Period : May 28 ~ Aug. 16, 2022

Issued Date : Sep. 20, 2022

Issued by

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



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

Note:

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

Revision History

Rev.	Issued Date	Revisions	Revised By
00	Sep. 20, 2022	Initial Issue	Emma Chao

Verification of Compliance

Applicant : Draytek Corporation

Product Name : Vigor Router 11ax Series

Trade Name : DrayTek

Model Number : Vigor2765ax, Vigor2765Vax, Vigor2766ax, Vigor2766Vax,
Vigor2135ax, Vigor2135Vax, Vigor2135Fax, Vigor2135FVax,
VigorAP 906

FCC ID : VGY2765AX

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

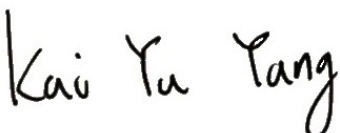
Test Result : Complied

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

: 

(Kai Yu Yang)

TABLE OF CONTENTS

1	General Information	5
1.1.	Summary of Test Result.....	5
1.2.	Measurement Uncertainty	6
2	EUT Description	7
3	Test Methodology.....	11
3.1.	Mode of Operation	11
3.2.	EUT Test Step.....	13
3.3.	Configuration of Test System Details	14
3.4.	Test Instruments	16
3.5.	Test Site Environment.....	18
4	Measurement Procedure.....	19
4.1.	AC Power Conducted Emission Measurement	19
4.2.	Transmitter Radiated Emissions Measurement.....	21
4.3.	Maximum Conducted Output Power Measurement.....	26
4.4.	26 dB RF Bandwidth Measurement & 99 % Occupied Bandwidth Measurement	27
4.5.	6 dB RF Bandwidth Measurement	28
4.6.	Maximum Power Spectral Density Measurement.....	29
4.7.	Automatically discontinue transmission.....	31
4.8.	Antenna Requirement.....	31
5	Test Results.....	34
5.1.	Conducted Emission	34
5.2.	Radiated Emission Measurement	36
5.3.	Conducted Test Results	198

Appendix A. Test Setup Photographs

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		1.3×10^{-7}
Duty Cycle		1.1 %
Time Occupancy		1.5 %

2 EUT Description

Applicant	Draytek Corporation No.26, FuShing Rd., Hukou, Hsinchu Industrial Park, Hsinchu 303, Taiwan			
Product Name	Vigor Router 11ax Series			
Trade Name	DrayTek			
Model Number	Vigor2765ax, Vigor2765Vax, Vigor2766ax, Vigor2766Vax, Vigor2135ax, Vigor2135Vax, Vigor2135Fax, Vigor2135FVax, VigorAP 906			
FCC ID	VGY2765AX			
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels
	IEEE 802.11a	U-NII Band 1	5180 – 5240	4
		U-NII Band 3	5745 – 5825	5
	IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz / IEEE 802.11ax 20 MHz	U-NII Band 1	5180 – 5240	4
		U-NII Band 3	5745 – 5825	5
	IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz / 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-0 / ANT-1	DPD2430Z01-150W17U7S	Dipole Antenna	2.5
Antenna Delivery	Reference section 3.1			
Operate Temp. Range	5 ~ +40 °C			
EUT Power Rating	Vigor2765ax 12 Vdc, 2 A Vigor2765Vax 12 Vdc, 2.2 A Vigor2766ax 12 Vdc, 2 A Vigor2766Vax 12 Vdc, 2.2 A Vigor2135ax 12 Vdc, 2 A Vigor2135Vax 12 Vdc, 2.2 A Vigor2135Fax 12 Vdc, 2.1 A Vigor2135FVax 12 Vdc, 2.3 A VigorAP 906 12 Vdc, 1.5 A			

Difference description table

Model name	PCB#	WAN				VoIP FXS	POE(PD)
		DSL		Eth-RJ45	Eth-SFP		
Vigor2765ax	1	V (ADSL2/VD DSL2/35b)					
Vigor2765Vax	1	V (ADSL2/VD DSL2/35b)				V	
Vigor2766ax	2	V (ADSL2/VD DSL2/35b)	g.fast				
Vigor2766Vax	2	V (ADSL2/VD DSL2/35b)	g.fast			V	
Vigor2135ax	3			V			
Vigor2135Vax	3			V		V	
Vigor2135Fax	3				V		
Vigor2135FVax	3				V	V	
VigorAP 906	3			V			V

Frequency Band		RF Output Power (W)
IEEE 802.11a	U-NII Band 1	0.703
	U-NII Band 3	0.689
IEEE 802.11an 20 MHz	U-NII Band 1	0.627
	U-NII Band 3	0.561
IEEE 802.11an 40 MHz	U-NII Band 1	0.809
	U-NII Band 3	0.649
IEEE 802.11ac 20 MHz	U-NII Band 1	0.646
	U-NII Band 3	0.569
IEEE 802.11ac 40 MHz	U-NII Band 1	0.817
	U-NII Band 3	0.667
IEEE 802.11ac 80 MHz	U-NII Band 1	0.070
	U-NII Band 3	0.281
IEEE 802.11ax 20 MHz	U-NII Band 1	0.656
	U-NII Band 3	0.579
IEEE 802.11ax 40 MHz	U-NII Band 1	0.839
	U-NII Band 3	0.676
IEEE 802.11ax 80 MHz	U-NII Band 1	0.071
	U-NII Band 3	0.287

Beamforming on

Frequency Band		RF Output Power (W)
IEEE 802.11ac 20 MHz	U-NII Band 1	0.275
	U-NII Band 3	0.267
IEEE 802.11ac 40 MHz	U-NII Band 1	0.394
	U-NII Band 3	0.305
IEEE 802.11ac 80 MHz	U-NII Band 1	0.029
	U-NII Band 3	0.122
IEEE 802.11ax 20 MHz	U-NII Band 1	0.276
	U-NII Band 3	0.274
IEEE 802.11ax 40 MHz	U-NII Band 1	0.404
	U-NII Band 3	0.309
IEEE 802.11ax 80 MHz	U-NII Band 1	0.029
	U-NII Band 3	0.124

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

3 Test Methodology

3.1. Mode of Operation

In the test report use EUT model: Vigor2135FVax to operate testing.

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

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

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

Note 1: 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 2: IEEE 802.11ax only support Full RU.

Note 3: The device is used with adapter (number : 2ABL030F) performing the test.

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

Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 2	2TX (CDD)	6	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
Mode 3	2TX (CDD)	13	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
Mode 4	2TX (CDD)	27	U-NII Band 1	38, 46
			U-NII Band 3	151,159
Mode 5	2TX (CDD/Beamforming on)	13	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
Mode 6	2TX (CDD/Beamforming on)	27	U-NII Band 1	38, 46
			U-NII Band 3	151,159
Mode 7	2TX (CDD/Beamforming on)	58.6	U-NII Band 1	42
			U-NII Band 3	155
Mode 8	2TX (CDD/Beamforming on)	MCS 0	U-NII Band 1	36, 40, 48
			U-NII Band 3	149, 157, 165
Mode 9	2TX (CDD/Beamforming on)	MCS 0	U-NII Band 1	38, 46
			U-NII Band 3	151,159
Mode 10	2TX (CDD/Beamforming on)	MCS 0	U-NII Band 1	42
			U-NII Band 3	155

3.2. EUT Test Step

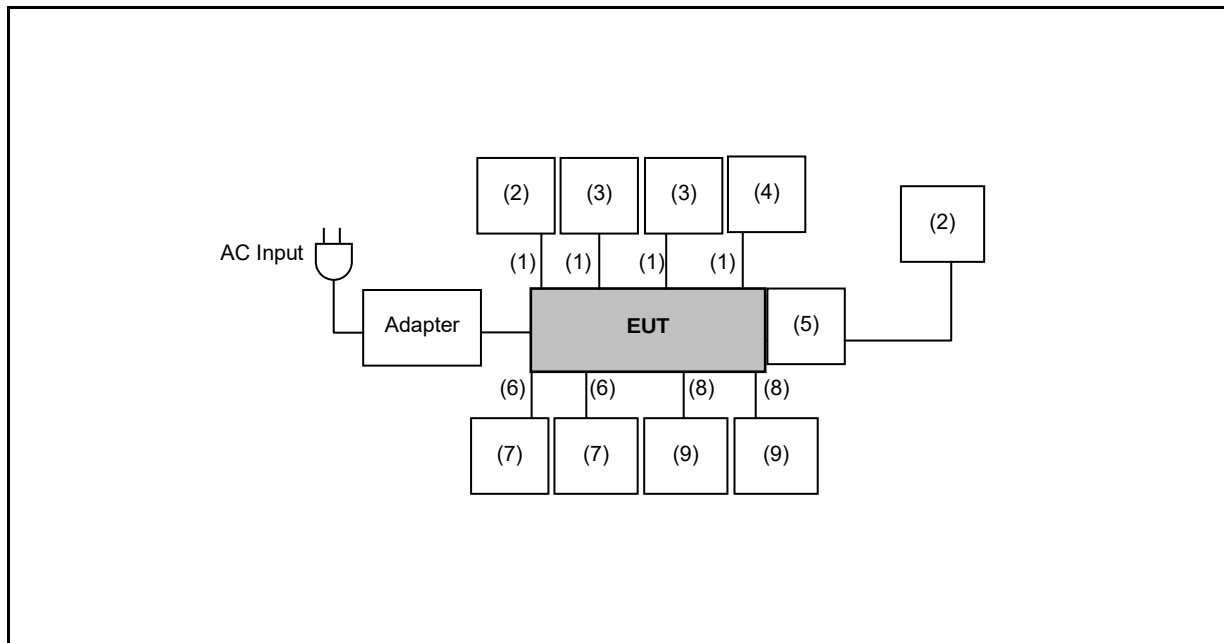
The EUT is operated in the engineering mode to fix the TX frequency for the purposes of measurement.

According to its specifications, the EUT must comply with the requirements of Section 15.407 under the FCC Rules Part 15 Subpart E.

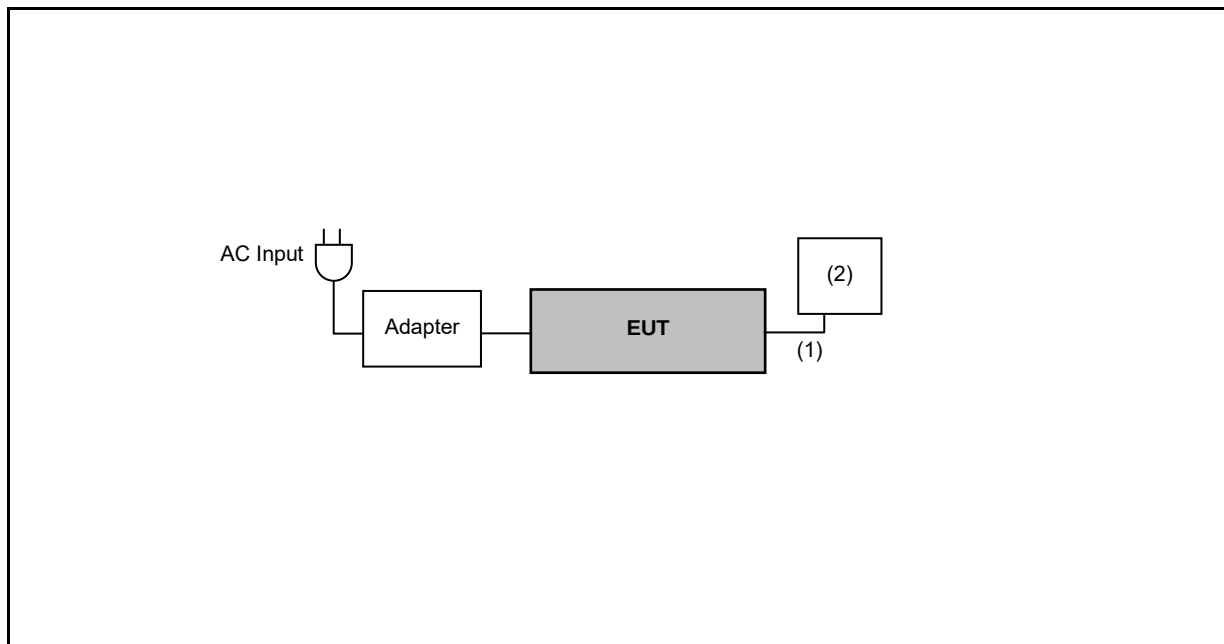
1.	Setup the EUT shown on "Configuration of Test System Details".
2.	Turn on the power of all equipment.
3.	Turn on TX function.
4.	EUT run test program.

3.3. Configuration of Test System Details

Conducted Emission



Radiated Emission



Devices Description					
	Product	Manufacturer	Model Number	Serial Number	Power Cord
(1)	LAN Cable	TATUNG	CAT5E	---	---
(2)	Notebook	ASUS	P1448U	---	---
(3)	Notebook	acer	N19C1	---	---
(4)	Notebook	HP	TPN-I130	---	---
(5)	Fiber Optic Cable	Dray Tek	BIDI,1.25G,Tx15,Rx13,20KM,SC,3.3V	---	---
(6)	Telephone Wires	TENDEL	K-762	---	---
(7)	Telephone	TENDEL	K-762	---	---
(8)	USB Cable	Transcend	TS1TSJ25A3K-RU	---	---
(9)	HDD	Transcend	TS1TSJ25A3K-RU	---	---

3.4. Test Instruments

For Conducted Emission
Test Period: Aug. 09, 2022
Testing Engineer: Amber Cheng

Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Test Receiver	R&S	ESCI	100367	May 19, 2022	1 year
☒	LISN	R&S	ENV216	101040	Apr. 06, 2022	1 year
☒	LISN	R&S	ENV216	101140	Jan. 25, 2022	1 year
☒	RF Cable	Woken	00100D1380194M	TE-02-03	May 27, 2022	1 year
☒	Software	EZ EMC	1.1.4.3	N/A	N.C.R.	---

For Conducted
Test Period: Aug. 10 ~ Aug. 11, 2022
Testing Engineer: Peter Shui

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. 21, 2022	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. 28, 2022	1 year
☐	Signal Generator	Keysight	N5182B	MY53052569	Apr. 16, 2022	1 year
☐	Signal Generator	Keysight	N5182BX07	MY59360221	Apr. 16, 2022	1 year
☐	Bluetooth Tester	R&S	CBT	100350	Mar. 17, 2021	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 01, 2022	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: May 28 ~ Aug. 16, 2022

Testing Engineer: Amy Wen, Hung Chou, 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
☒	Spectrum Analyzer (2 Hz~50 GHz)	Keysight	N9030B	MY57143537	Apr. 14, 2022	1 year
☐	Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9020B	MY60112363	Feb. 27, 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 Jul. 07, 2022	1 year
☐	Broadband Amplifier (100 kHz~1 GHz)	Titan	T0910E00014330A 1F	001	Jul. 23, 2021 Jul. 21, 2022	1 year
☐	Amplifier (1 GHz~26.5 GHz)	Agilent	8449B	3008A02237	Oct. 21, 2021	1 year
☒	Broadband Amplifier (1 GHz~26.5 GHz)	Titan	T0912E01263025A 1F	002	Jul. 26, 2021 Jul. 21, 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	Mar. 28, 2022	1 year
☐	Active Loop Antenna (9 kHz~30 MHz)	Schwarzbeck Mess-Elektronik	FMZB 1513-60	1513-60-031	Feb. 17, 2022	1 year
☒	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	01146	Jul. 19, 2021 Jul. 22, 2022	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 Jul. 13, 2022	1 year
☐	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	9120D-550	Aug. 24, 2021	1 year
☒	Broadband Horn Antenna (18 GHz~40 GHz)	Schwarzbeck Mess-Elektronik	9170	9170-320	Aug. 24, 2021	1 year
☐	Horn Antenna (18 GHz~40 GHz)	ETS	3116	00086467	Dec. 03, 2021	1 year
☐	RF Cable	EMCI	EMC104-N-N-6000	TE01-1	Feb. 18, 2022	1 year

Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☐	Microwave Cable	EMCI	EMC104-SM-SM-13000	170814	Feb. 18, 2022	1 year
☐	Microwave Cable	EMCI	EMC102-KM-KM-14000	151001	Feb. 18, 2022	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A100	J11005	Aug. 06, 2021 Aug. 09, 2022	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A900	J11004	Aug. 06, 2021 Aug. 09, 2022	1 year
☒	Coaxial Cable	Titan	CFD400NL-LW	001	Aug. 06, 2021 Aug. 09, 2022	1 year
☐	Bluetooth Tester	R&S	CBT	100350	Mar. 17, 2021	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 01, 2022	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

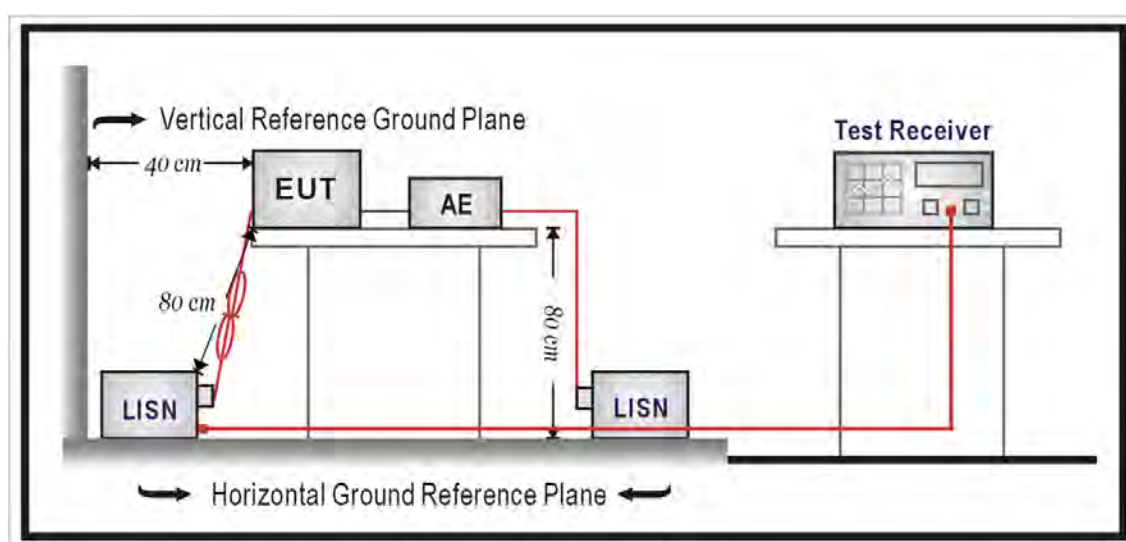
4 Measurement Procedure

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 $50\ \Omega // 50\ \mu\text{H}$ coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a $50\ \Omega // 50\ \mu\text{H}$ coupling impedance with 50 ohm termination.

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

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

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

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

4.2. Transmitter Radiated Emissions Measurement

■ Limit

(1) Undesirable emission limits. Except as shown in paragraph (b)(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

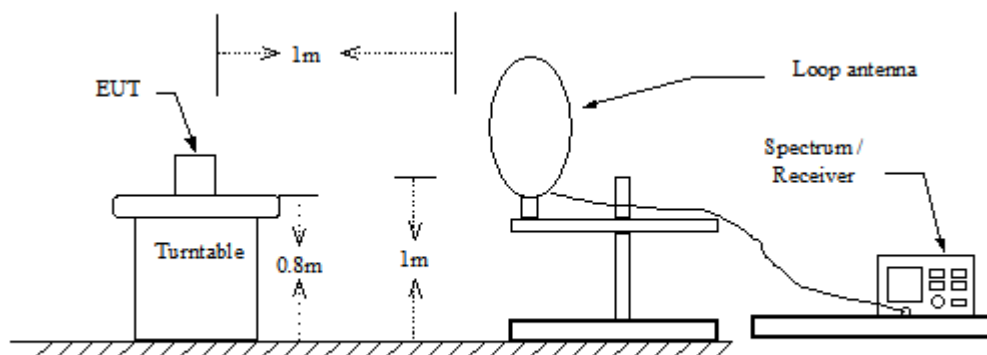
Note: 1. The lower limit shall apply at the transition frequencies.

2. Emission level (dBuV/m) = 20 log Emission level (uV/m).

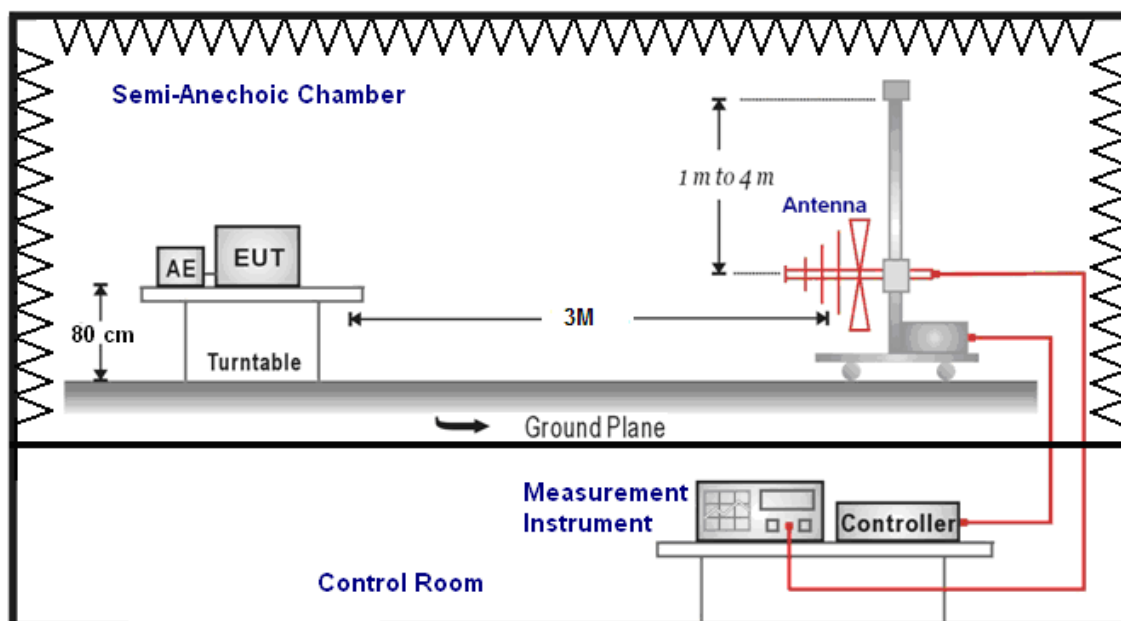
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

■ Setup

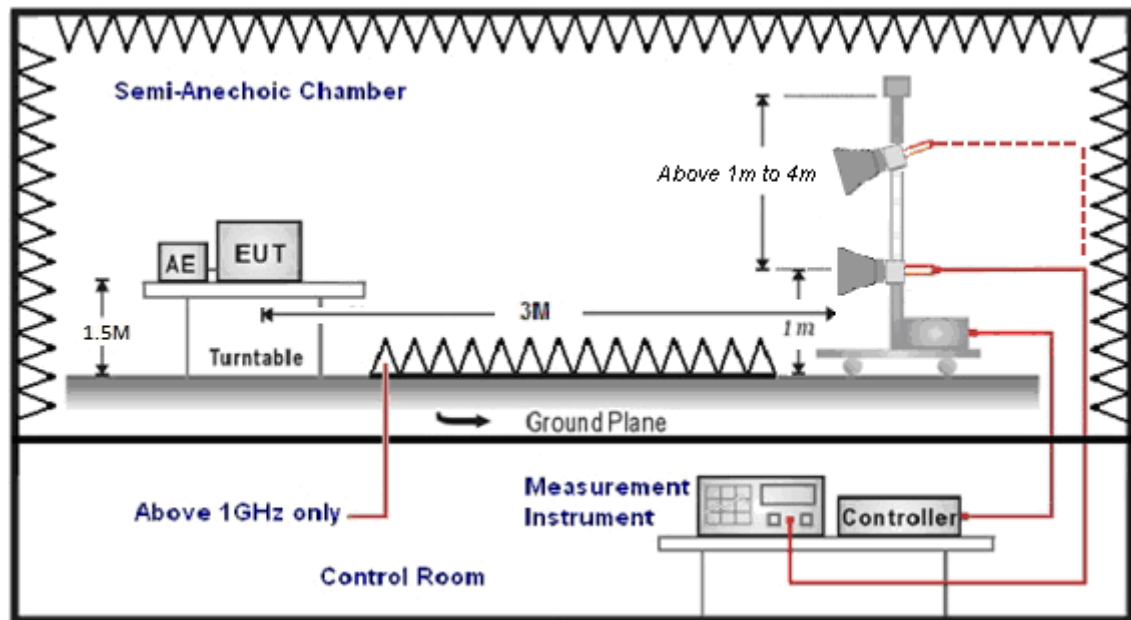
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



■ Test Procedure

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

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

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

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

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

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

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

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

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

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

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro volts 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.

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

FI= Reading of the field intensity.

AF= Antenna factor.

CL= Cable loss.

P.S Amplitude is auto calculate in spectrum analyzer.

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

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

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

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

Measuring Instruments and setting

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

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

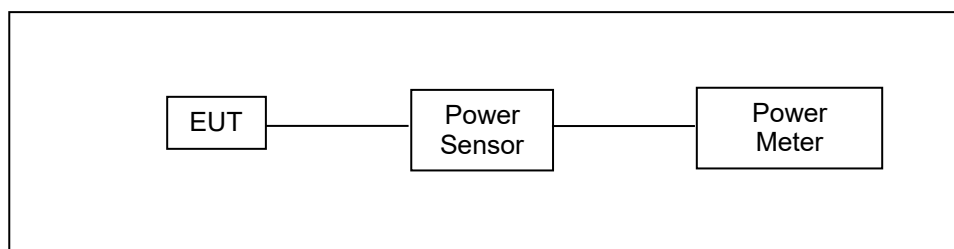
4.3. Maximum Conducted Output Power Measurement

■ 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)

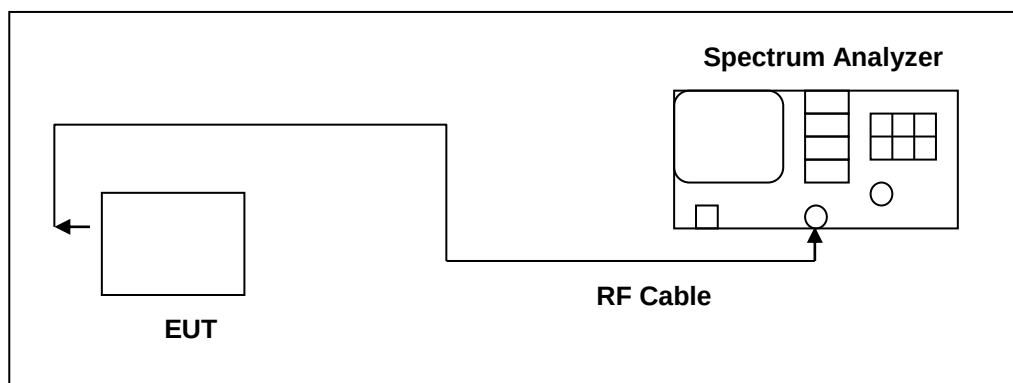
b) Method PM-G (Measurement using a gated RF average power meter)

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

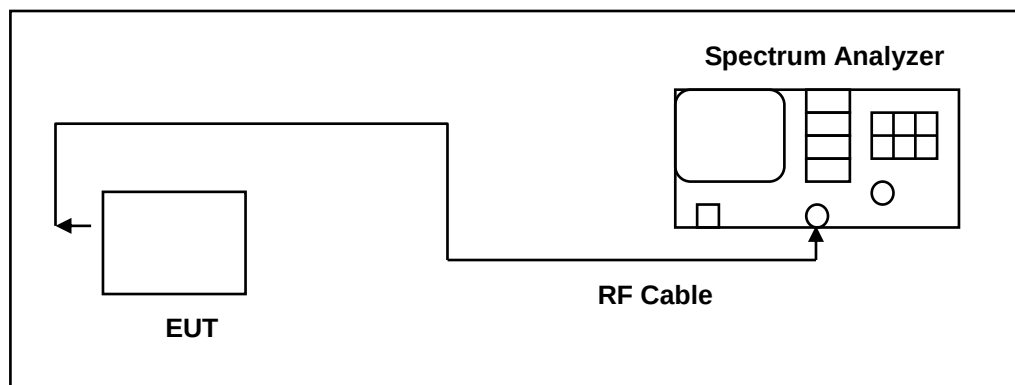
4.5. 6 dB RF Bandwidth Measurement

■ 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.

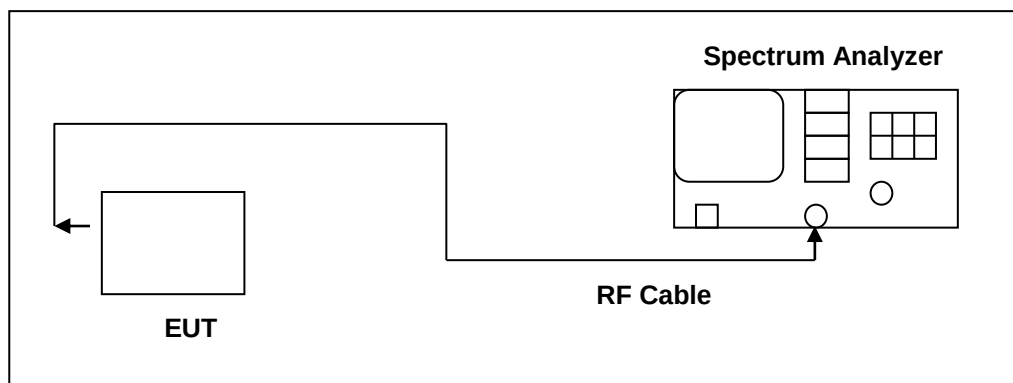
4.6. Maximum Power Spectral Density Measurement

■ 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 $10 \log(500 \text{ kHz}/100 \text{ kHz})$ 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 = Max Gain

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band 1	2.5
	U-NII Band 3	2.5
IEEE 802.11an 20 MHz	U-NII Band 1	2.5
	U-NII Band 3	2.5
IEEE 802.11an 40 MHz	U-NII Band 1	2.5
	U-NII Band 3	2.5
IEEE 802.11ac 20 MHz	U-NII Band 1	2.5
	U-NII Band 3	2.5
IEEE 802.11ac 40 MHz	U-NII Band 1	2.5
	U-NII Band 3	2.5
IEEE 802.11ac 80 MHz	U-NII Band 1	2.5
	U-NII Band 3	2.5
IEEE 802.11ax 20 MHz	U-NII Band 1	2.5
	U-NII Band 3	2.5
IEEE 802.11ax 40 MHz	U-NII Band 1	2.5
	U-NII Band 3	2.5
IEEE 802.11ax 80 MHz	U-NII Band 1	2.5
	U-NII Band 3	2.5

For Maximum Power Density

Directional Gain = GANT + Array Gain

Array Gain = $10 \log(2/1)$ dB

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band 1	5.51
	U-NII Band 3	5.51
IEEE 802.11ax 20 MHz	U-NII Band 1	5.51
	U-NII Band 3	5.51
IEEE 802.11ax 40 MHz	U-NII Band 1	5.51
	U-NII Band 3	5.51
IEEE 802.11ax 80 MHz	U-NII Band 1	5.51
	U-NII Band 3	5.51

Beamforming on

Directional Gain = GANT + Array Gain

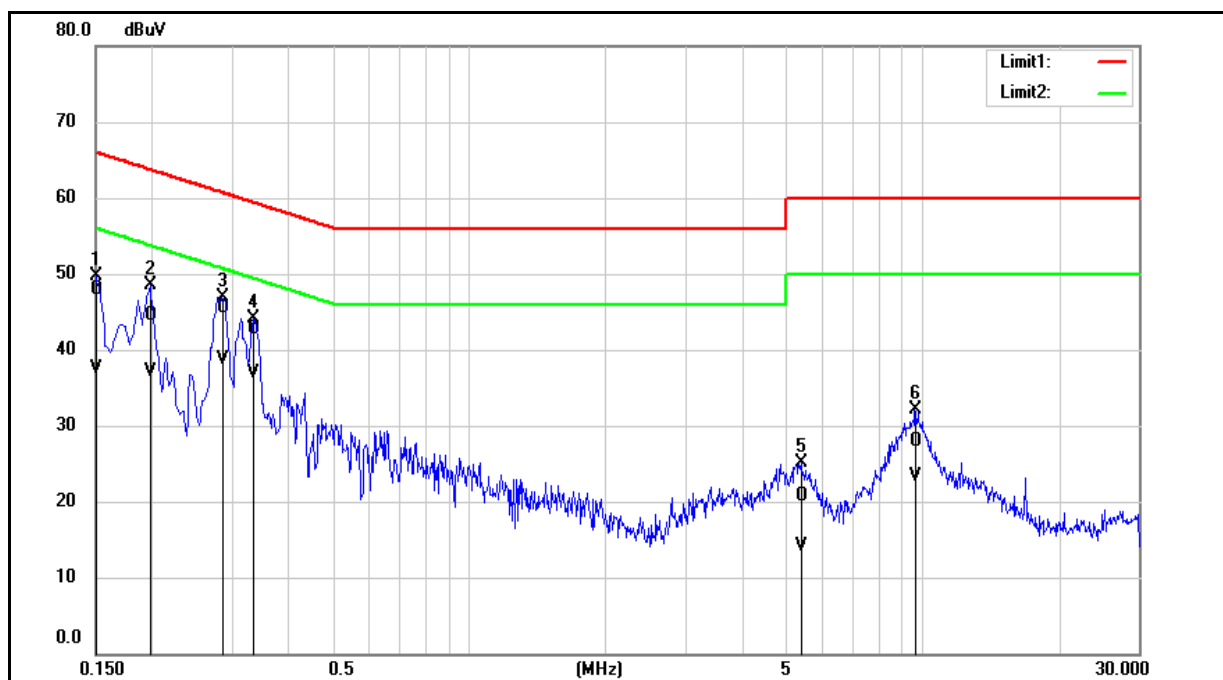
Array Gain = $10 \log(2/1)$ dB

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ac 20 MHz	U-NII Band 1	5.51
	U-NII Band 3	5.51
IEEE 802.11ac 40 MHz	U-NII Band 1	5.51
	U-NII Band 3	5.51
IEEE 802.11ac 80 MHz	U-NII Band 1	5.51
	U-NII Band 3	5.51
IEEE 802.11ax 20 MHz	U-NII Band 1	5.51
	U-NII Band 3	5.51
IEEE 802.11ax 40 MHz	U-NII Band 1	5.51
	U-NII Band 3	5.51
IEEE 802.11ax 80 MHz	U-NII Band 1	5.51
	U-NII Band 3	5.51

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:			

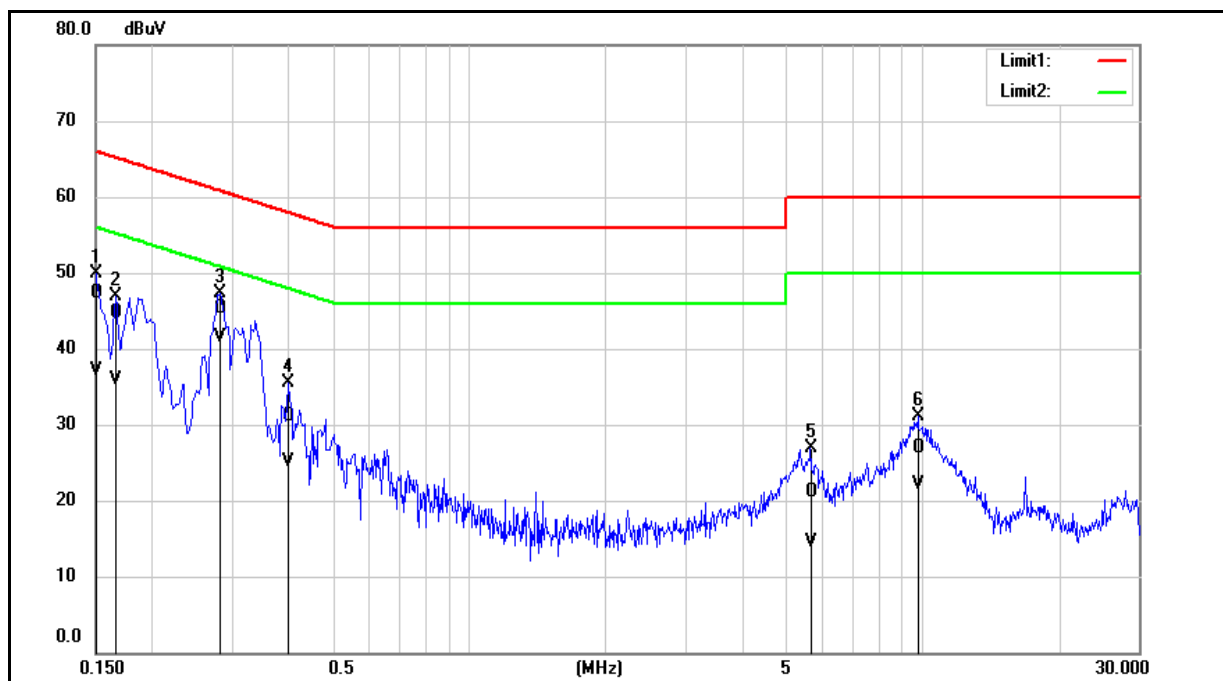


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1500	38.43	28.06	9.54	47.97	37.60	66.00	56.00	-18.03	-18.40	Pass
2	0.1980	34.97	27.52	9.54	44.51	37.06	63.69	53.69	-19.18	-16.63	Pass
3	0.2860	35.98	29.26	9.54	45.52	38.80	60.64	50.64	-15.12	-11.84	Pass
4	0.3340	33.15	27.27	9.54	42.69	36.81	59.35	49.35	-16.66	-12.54	Pass
5	5.3940	10.91	4.40	9.70	20.61	14.10	60.00	50.00	-39.39	-35.90	Pass
6	9.6300	18.15	13.47	9.77	27.92	23.24	60.00	50.00	-32.08	-26.76	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	0.1500	37.67	27.51	9.60	47.27	37.11	66.00	56.00	-18.73	-18.89	Pass
2	0.1660	35.11	26.25	9.60	44.71	35.85	65.16	55.16	-20.45	-19.31	Pass
3	0.2820	35.69	31.96	9.60	45.29	41.56	60.76	50.76	-15.47	-9.20	Pass
4	0.3980	21.54	15.44	9.61	31.15	25.05	57.90	47.90	-26.75	-22.85	Pass
5	5.6740	11.39	4.64	9.78	21.17	14.42	60.00	50.00	-38.83	-35.58	Pass
6	9.7660	17.02	12.28	9.87	26.89	22.15	60.00	50.00	-33.11	-27.85	Pass

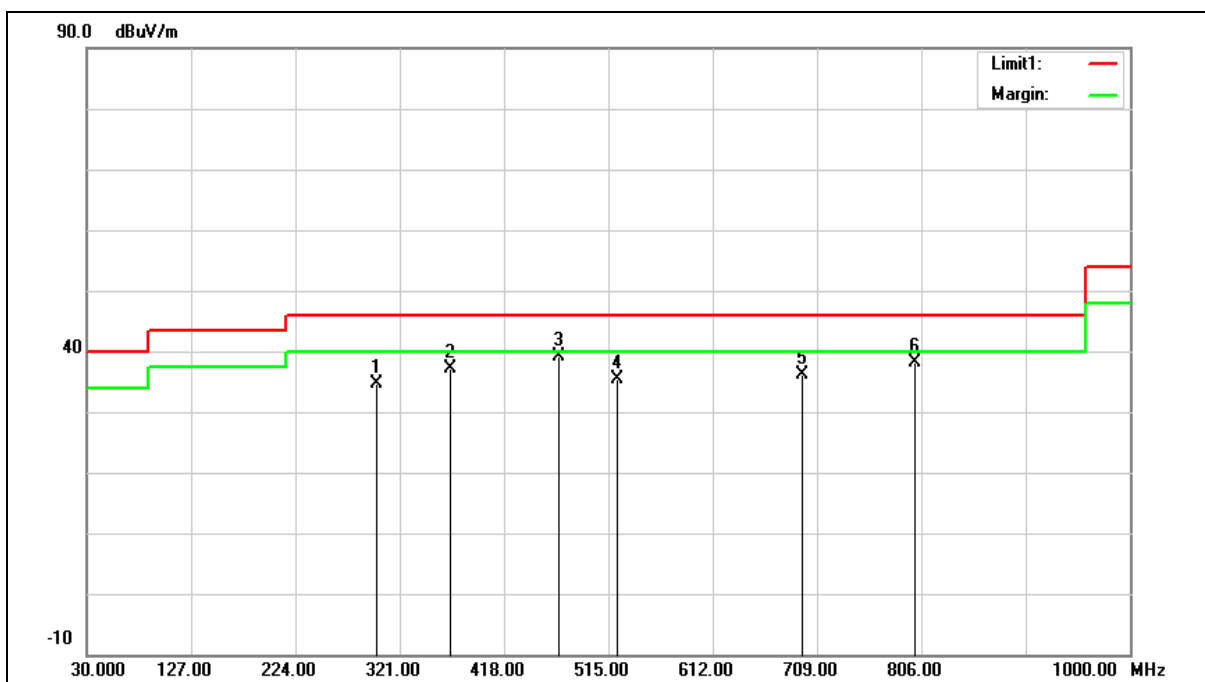
Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

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



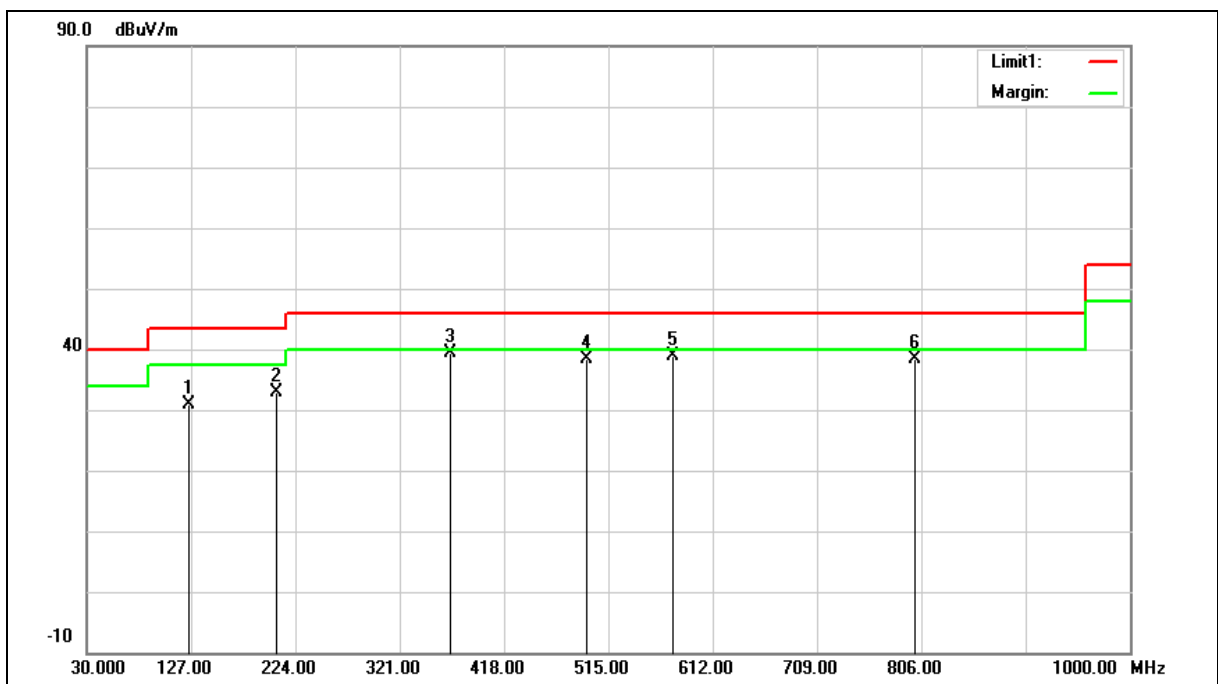
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	299.6600	40.65	-5.91	34.74	46.00	-11.26	QP
2	368.5300	41.49	-4.36	37.13	46.00	-8.87	QP
3	468.4400	41.33	-2.30	39.03	46.00	-6.97	QP
4	522.7600	36.60	-1.29	35.31	46.00	-10.69	QP
5	695.4200	33.44	2.64	36.08	46.00	-9.92	QP
6	800.1800	33.62	4.45	38.07	46.00	-7.93	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:	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	125.0600	39.75	-8.93	30.82	43.50	-12.68	QP
2	206.5400	41.97	-9.10	32.87	43.50	-10.63	QP
3	368.5300	43.77	-4.36	39.41	46.00	-6.59	QP
4	494.6300	40.23	-1.91	38.32	46.00	-7.68	QP
5	575.1400	38.76	0.15	38.91	46.00	-7.09	QP
6	800.1800	34.00	4.45	38.45	46.00	-7.55	QP

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

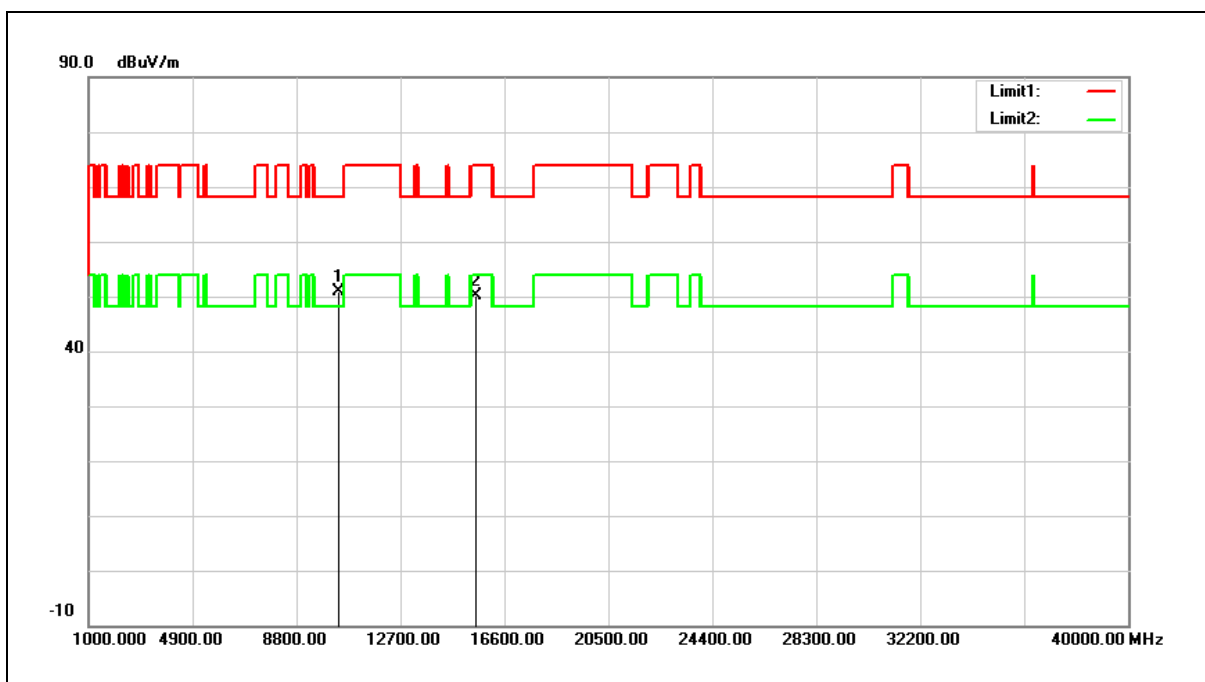
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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		



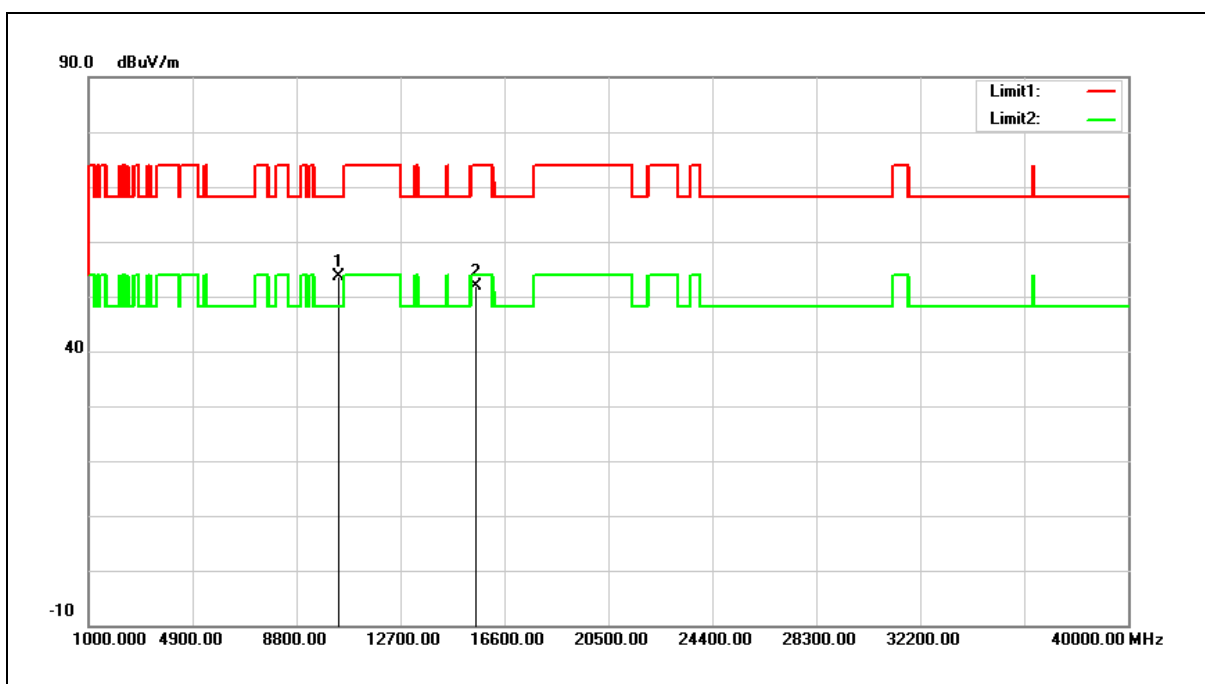
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	36.48	14.29	50.77	68.20	-17.43	peak
2	15540.000	33.37	16.86	50.23	74.00	-23.77	peak

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

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

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

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



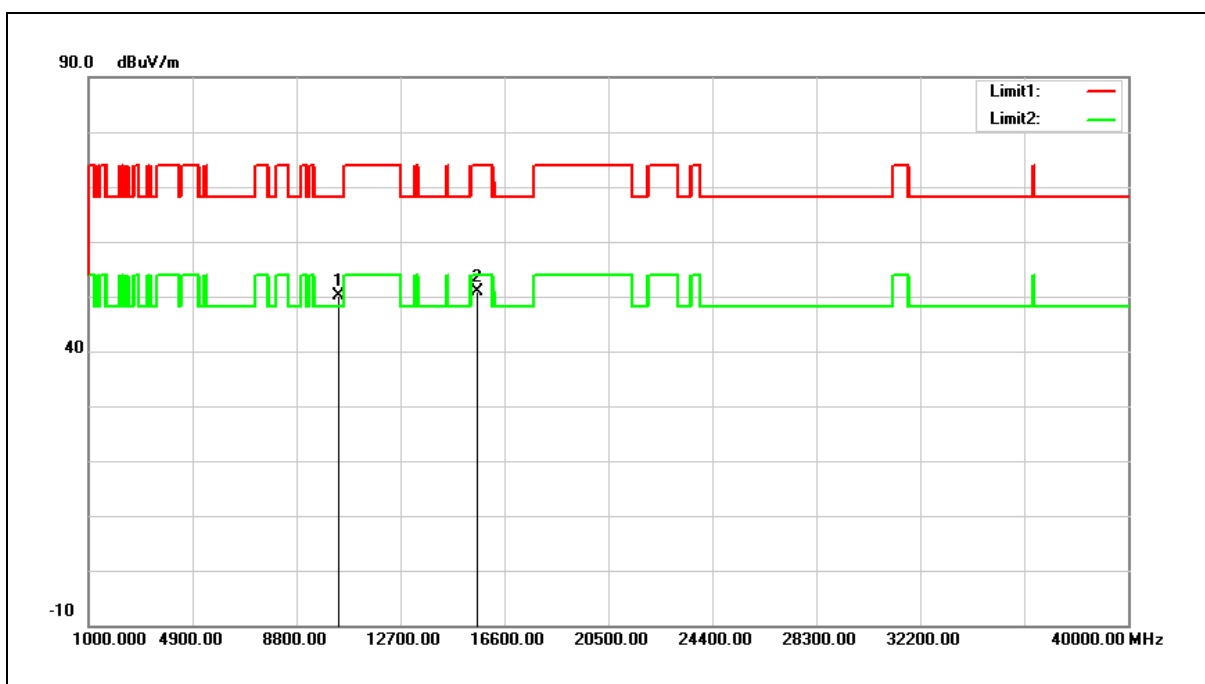
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	39.27	14.29	53.56	68.20	-14.64	peak
2	15540.000	35.10	16.86	51.96	74.00	-22.04	peak

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

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

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

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



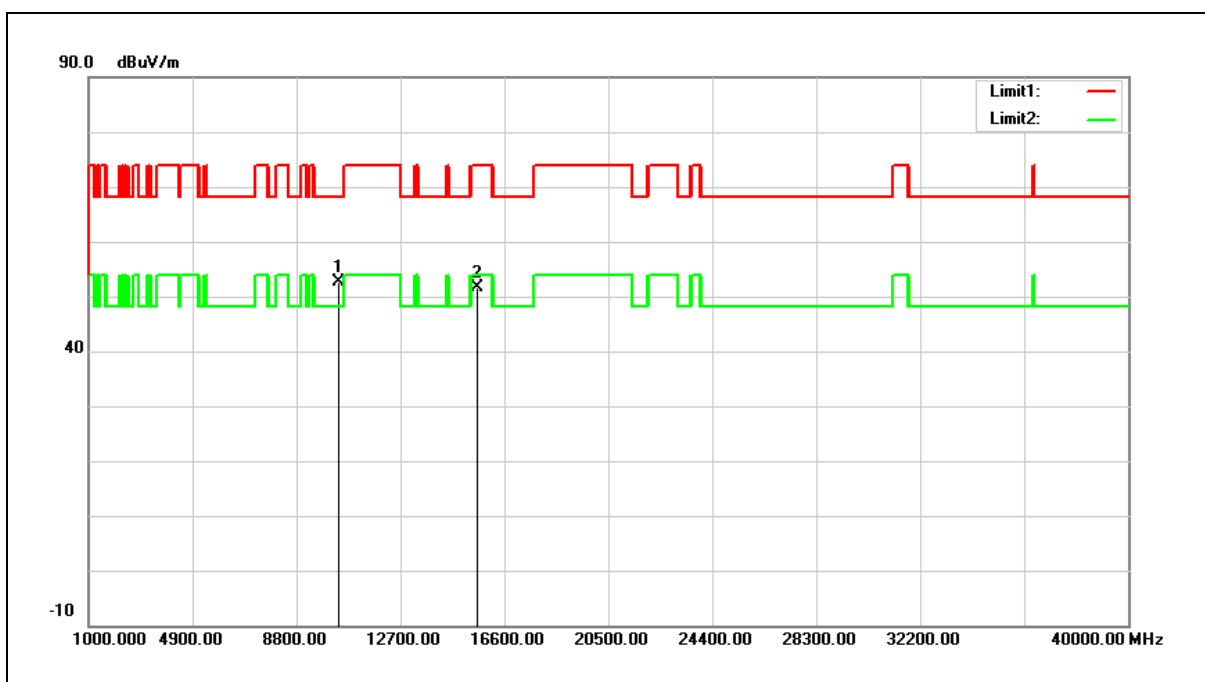
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	35.77	14.38	50.15	68.20	-18.05	peak
2	15600.000	34.19	16.65	50.84	74.00	-23.16	peak

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

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

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

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



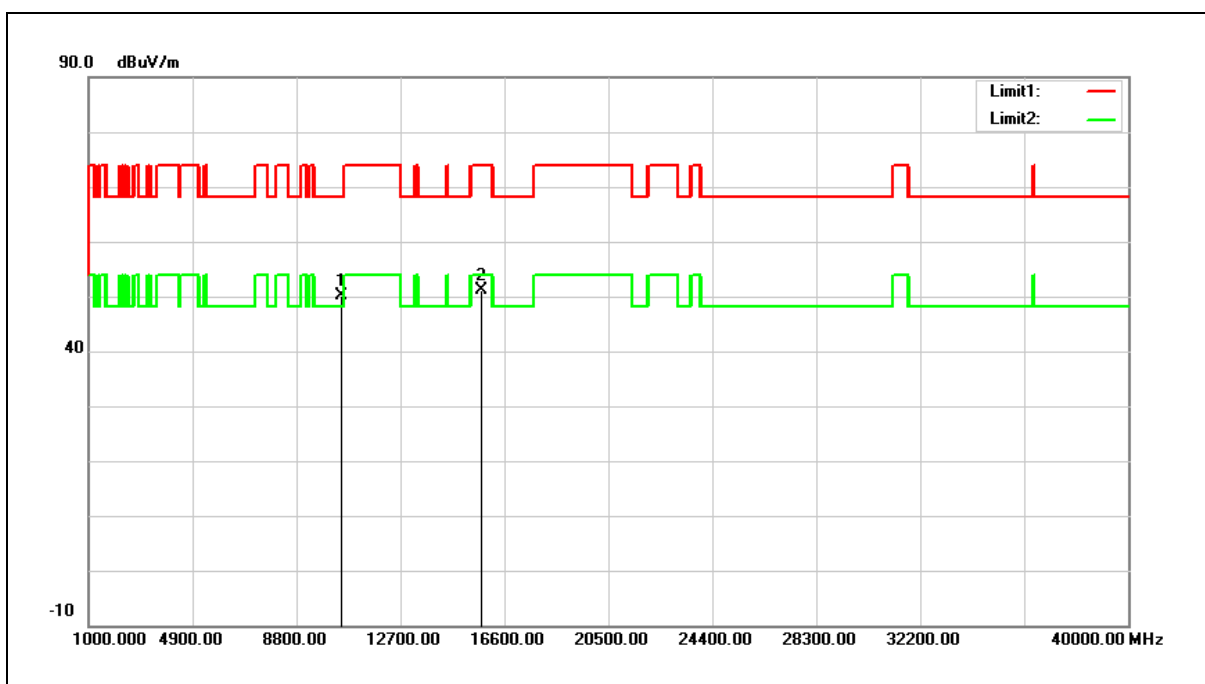
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	38.32	14.38	52.70	68.20	-15.50	peak
2	15600.000	34.96	16.65	51.61	74.00	-22.39	peak

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

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

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

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



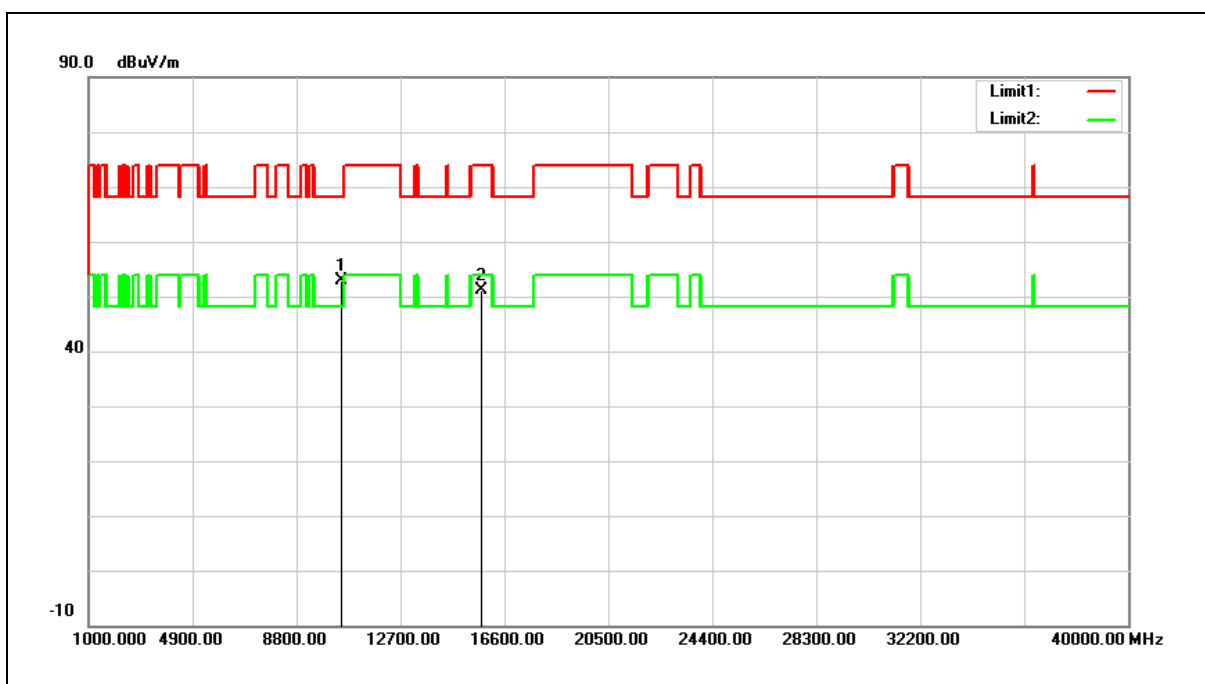
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	35.59	14.55	50.14	68.20	-18.06	peak
2	15720.000	35.01	16.24	51.25	74.00	-22.75	peak

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



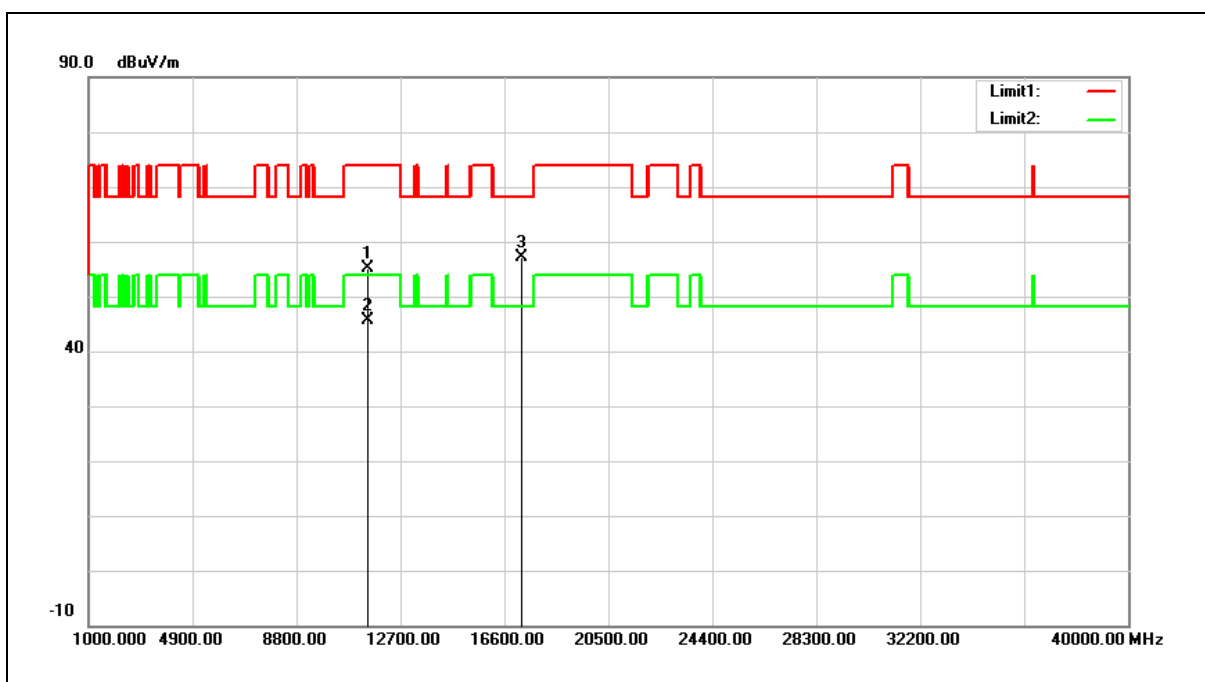
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	38.36	14.55	52.91	68.20	-15.29	peak
2	15720.000	34.89	16.24	51.13	74.00	-22.87	peak

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

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

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

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



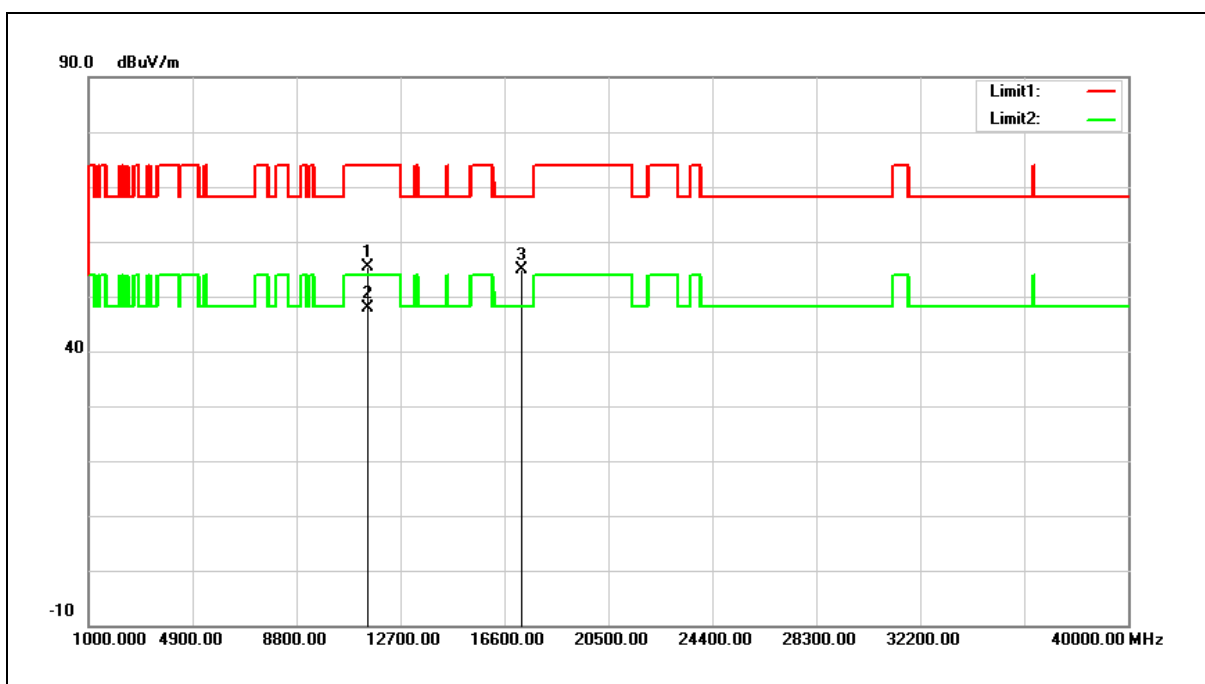
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	39.62	15.39	55.01	74.00	-18.99	peak
2	11490.000	30.21	15.39	45.60	54.00	-8.40	AVG
3	17235.000	35.38	21.71	57.09	68.20	-11.11	peak

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

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

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

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



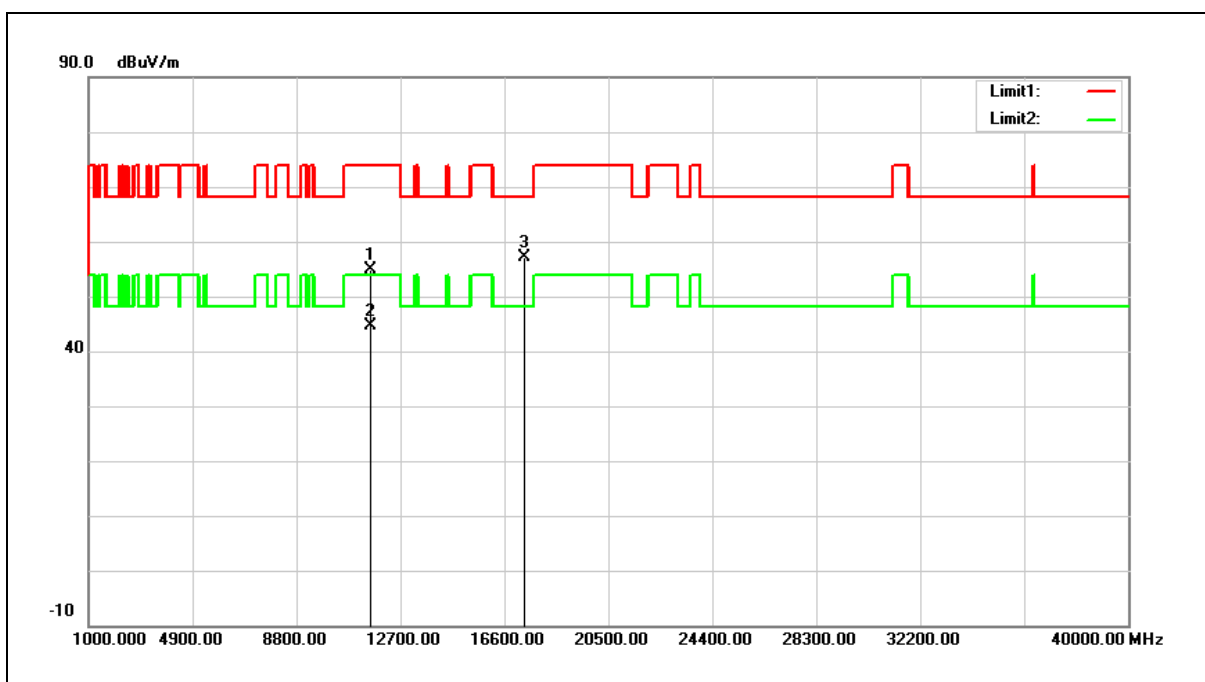
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	40.10	15.39	55.49	74.00	-18.51	peak
2	11490.000	32.55	15.39	47.94	54.00	-6.06	AVG
3	17235.000	33.28	21.71	54.99	68.20	-13.21	peak

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

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

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

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



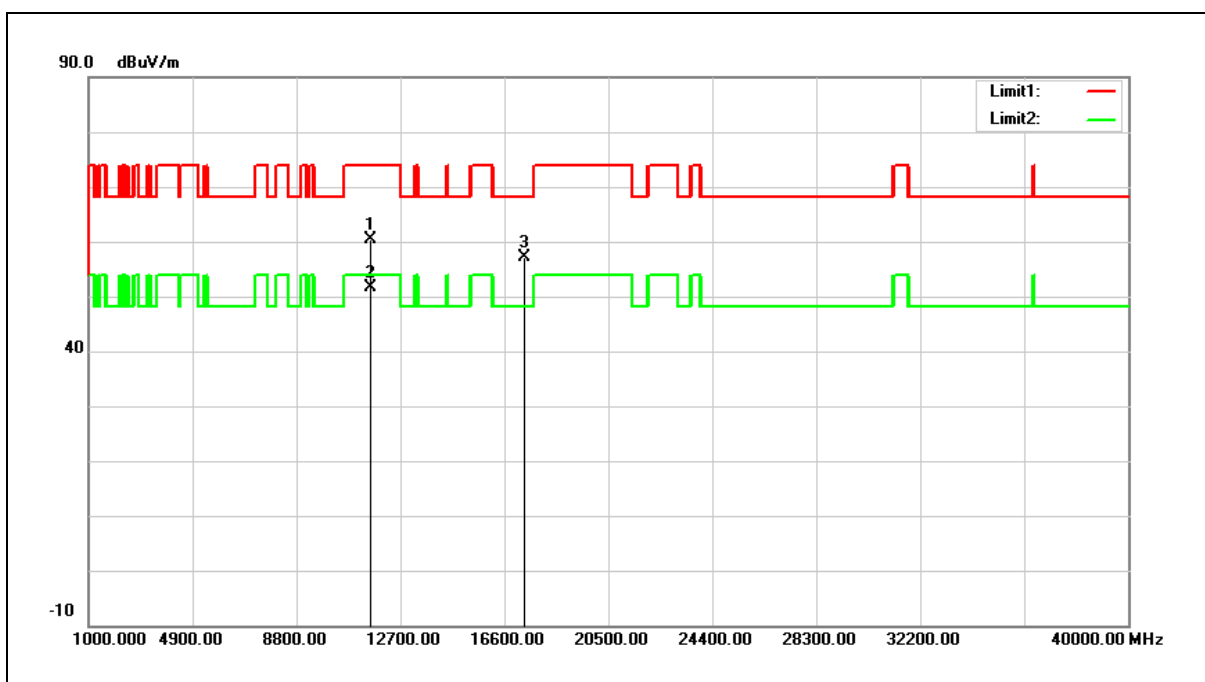
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	39.59	15.25	54.84	74.00	-19.16	peak
2	11570.000	29.42	15.25	44.67	54.00	-9.33	AVG
3	17355.000	34.80	22.42	57.22	68.20	-10.98	peak

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

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

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

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



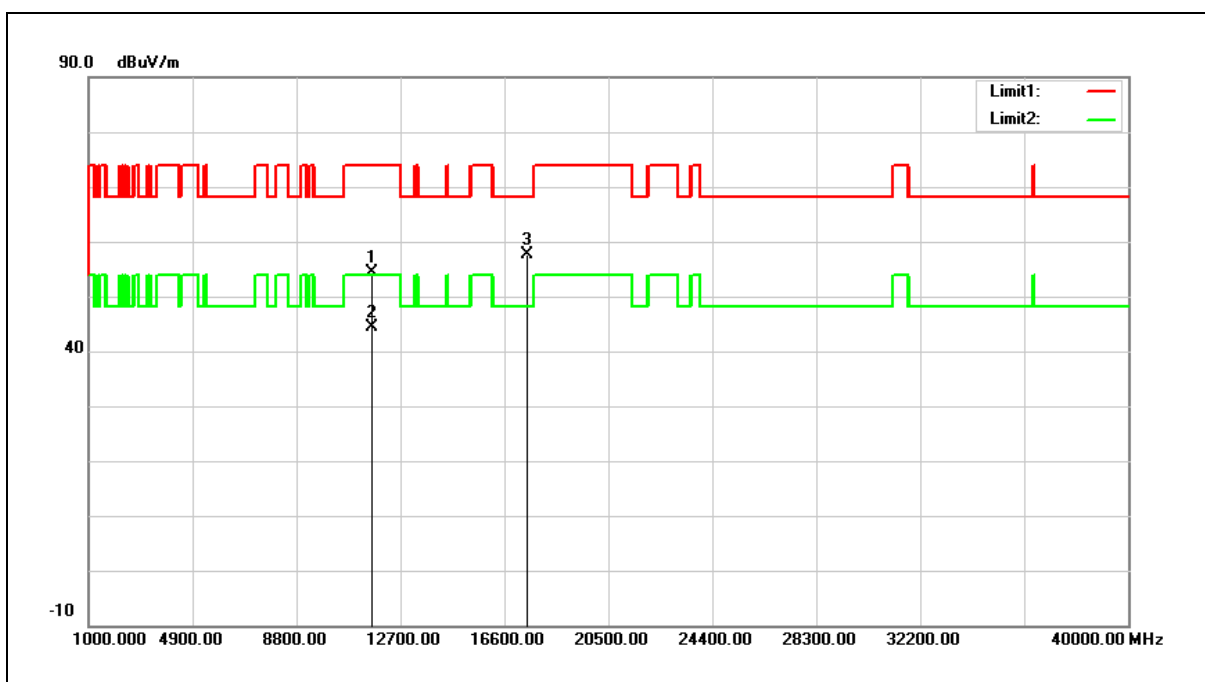
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	45.16	15.25	60.41	74.00	-13.59	peak
2	11570.000	36.37	15.25	51.62	54.00	-2.38	AVG
3	17355.000	34.63	22.42	57.05	68.20	-11.15	peak

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



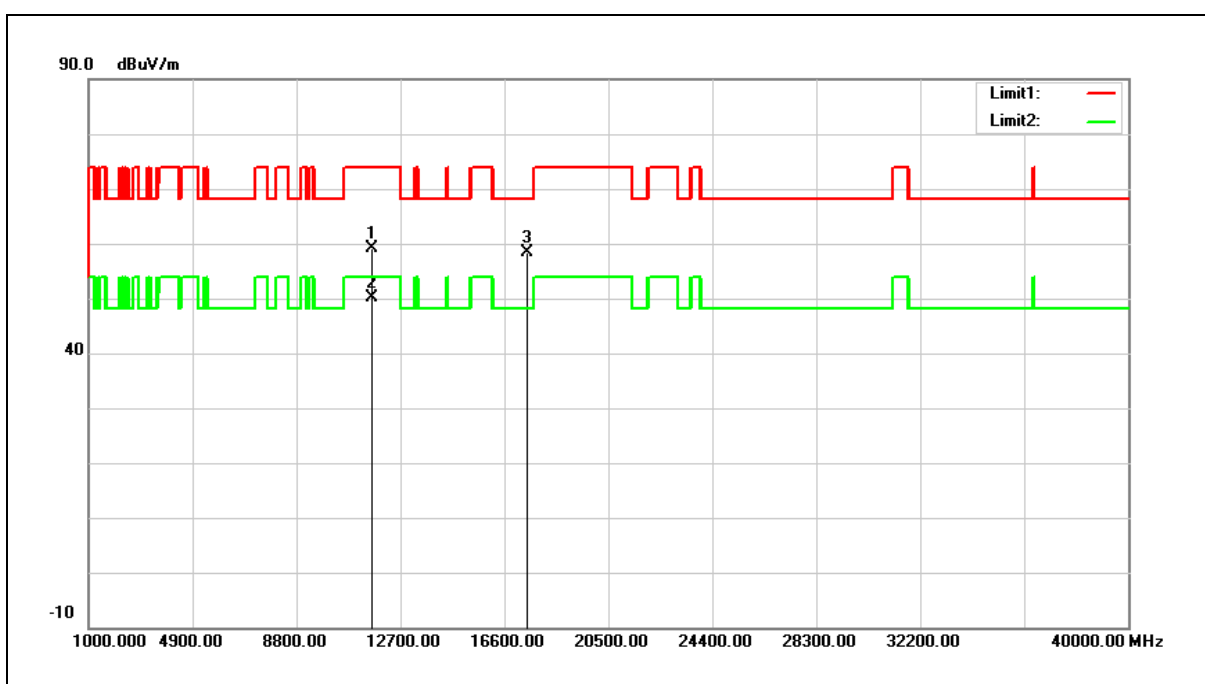
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	39.19	15.08	54.27	74.00	-19.73	peak
2	11650.000	29.33	15.08	44.41	54.00	-9.59	AVG
3	17475.000	34.59	23.13	57.72	68.20	-10.48	peak

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

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

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

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



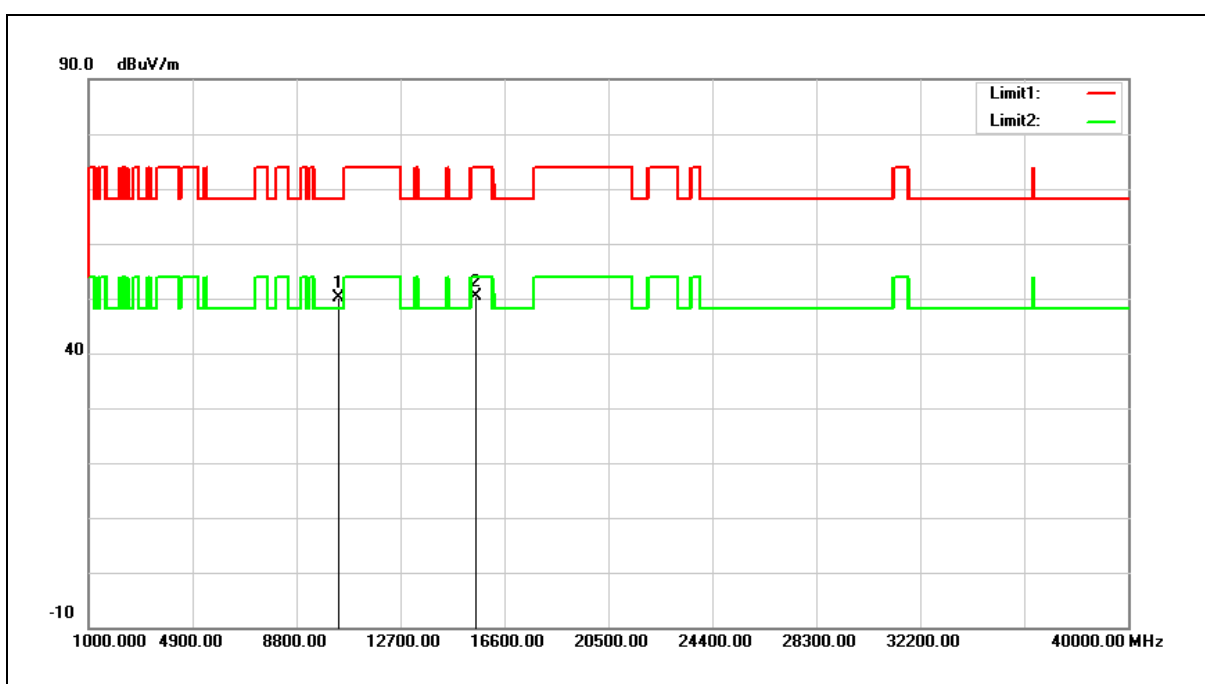
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	44.10	15.08	59.18	74.00	-14.82	peak
2	11650.000	34.99	15.08	50.07	54.00	-3.93	AVG
3	17475.000	35.27	23.13	58.40	68.20	-9.80	peak

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

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

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

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



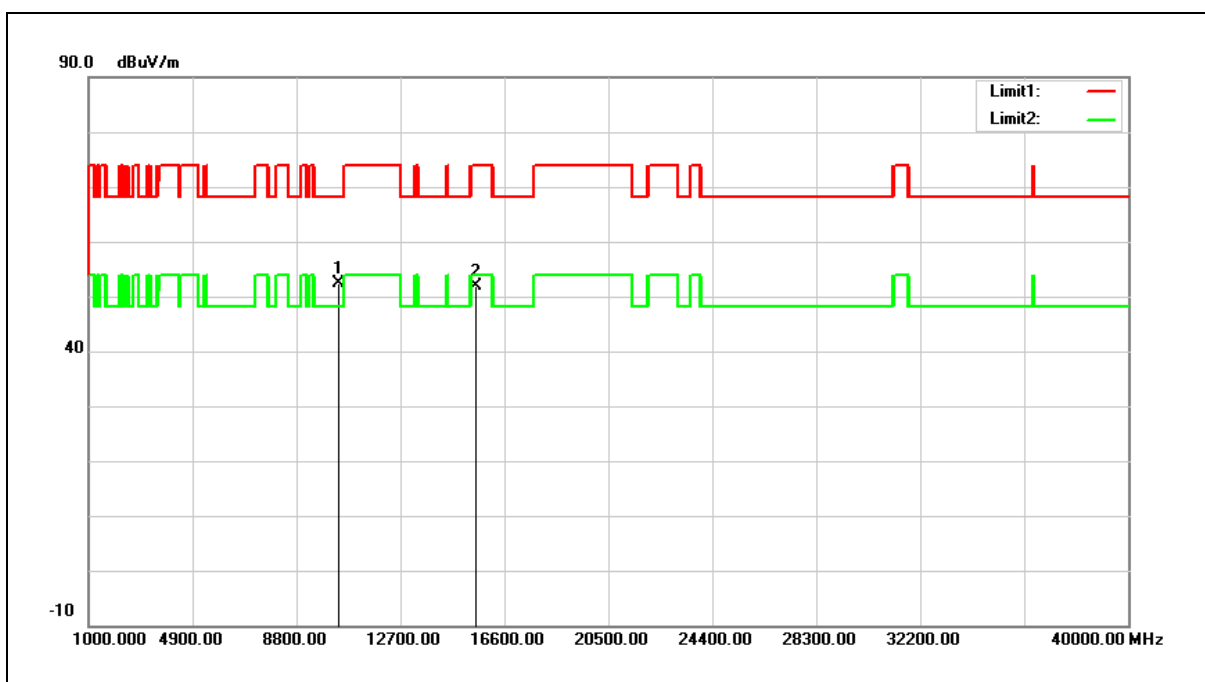
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	35.84	14.29	50.13	68.20	-18.07	peak
2	15540.000	33.44	16.86	50.30	74.00	-23.70	peak

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

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

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

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



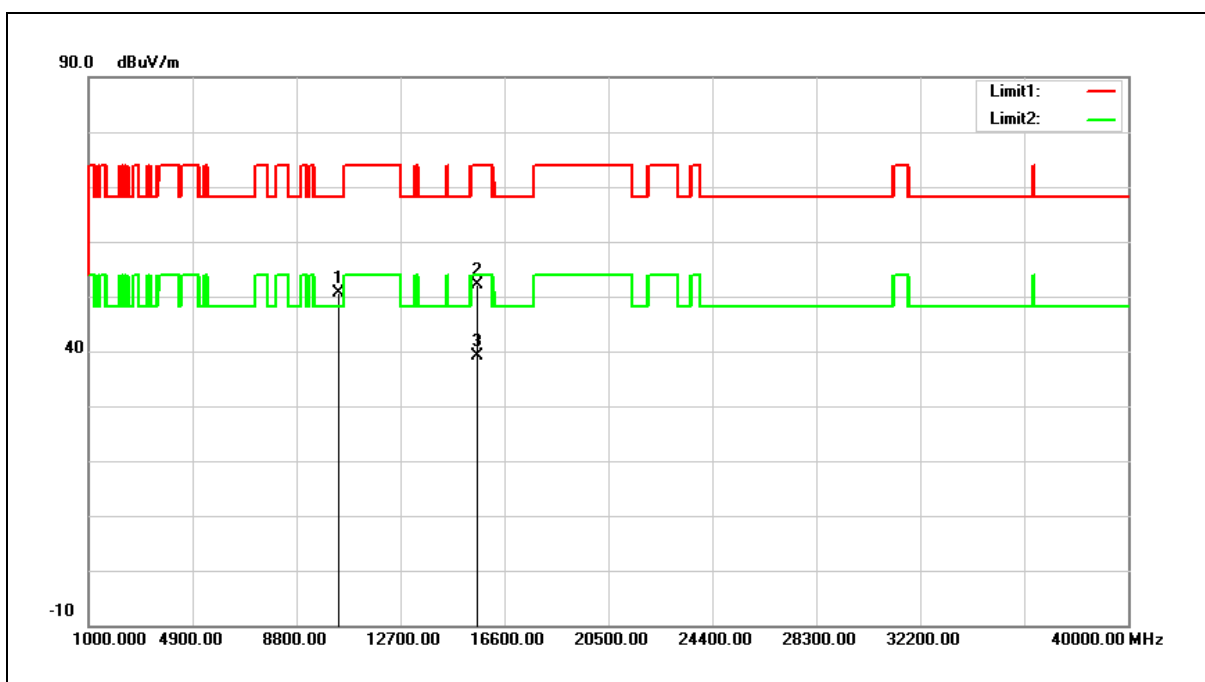
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	38.20	14.29	52.49	68.20	-15.71	peak
2	15540.000	35.13	16.86	51.99	74.00	-22.01	peak

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

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

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

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



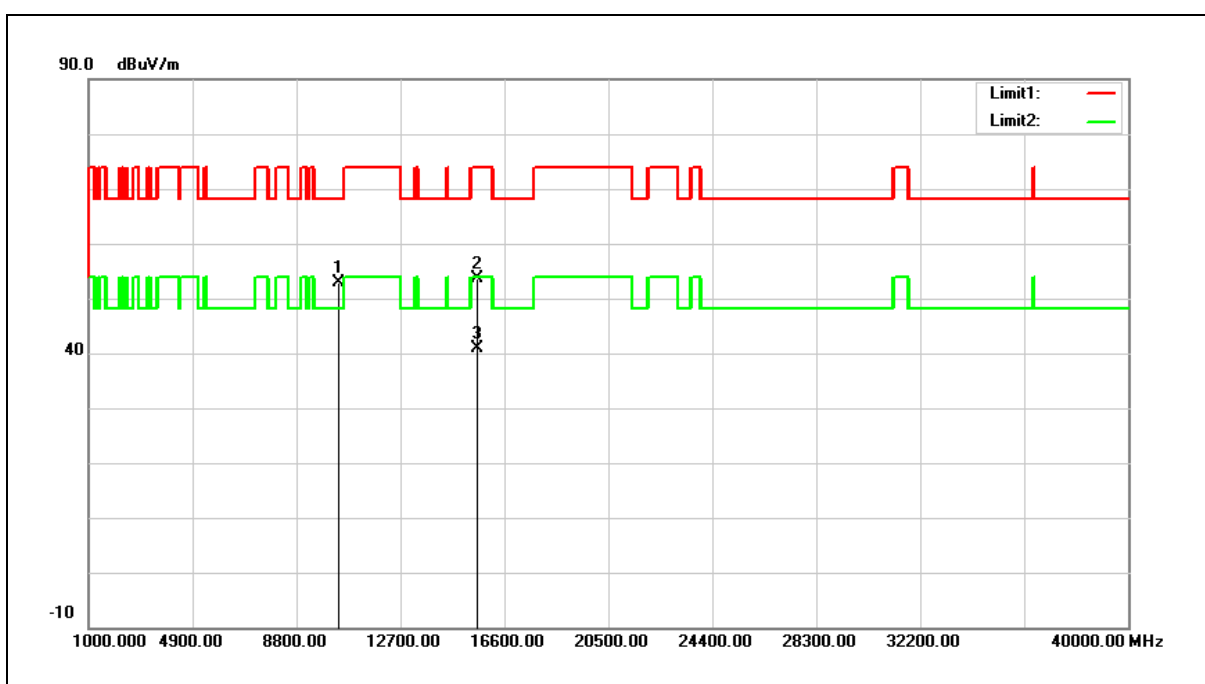
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	36.34	14.38	50.72	68.20	-17.48	peak
2	15600.000	35.41	16.65	52.06	74.00	-21.94	peak
3	15600.000	22.60	16.65	39.25	54.00	-14.75	AVG

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

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

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

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



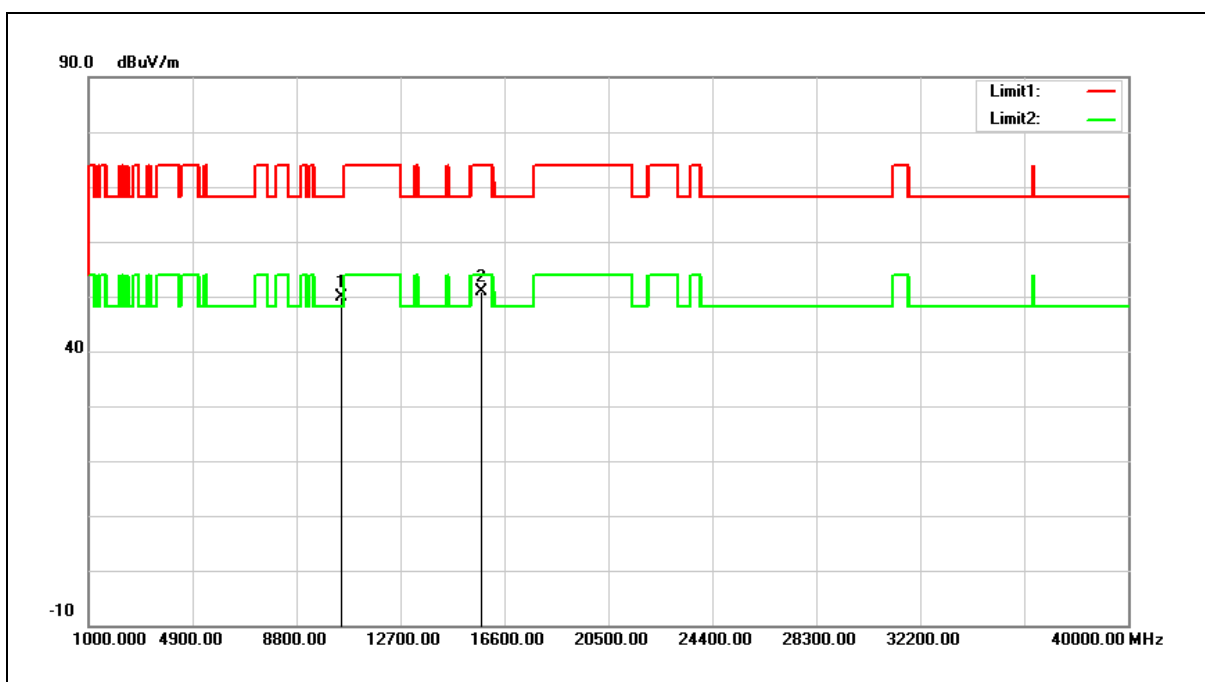
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	38.53	14.38	52.91	68.20	-15.29	peak
2	15600.000	36.97	16.65	53.62	74.00	-20.38	peak
3	15600.000	24.31	16.65	40.96	54.00	-13.04	AVG

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

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

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

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



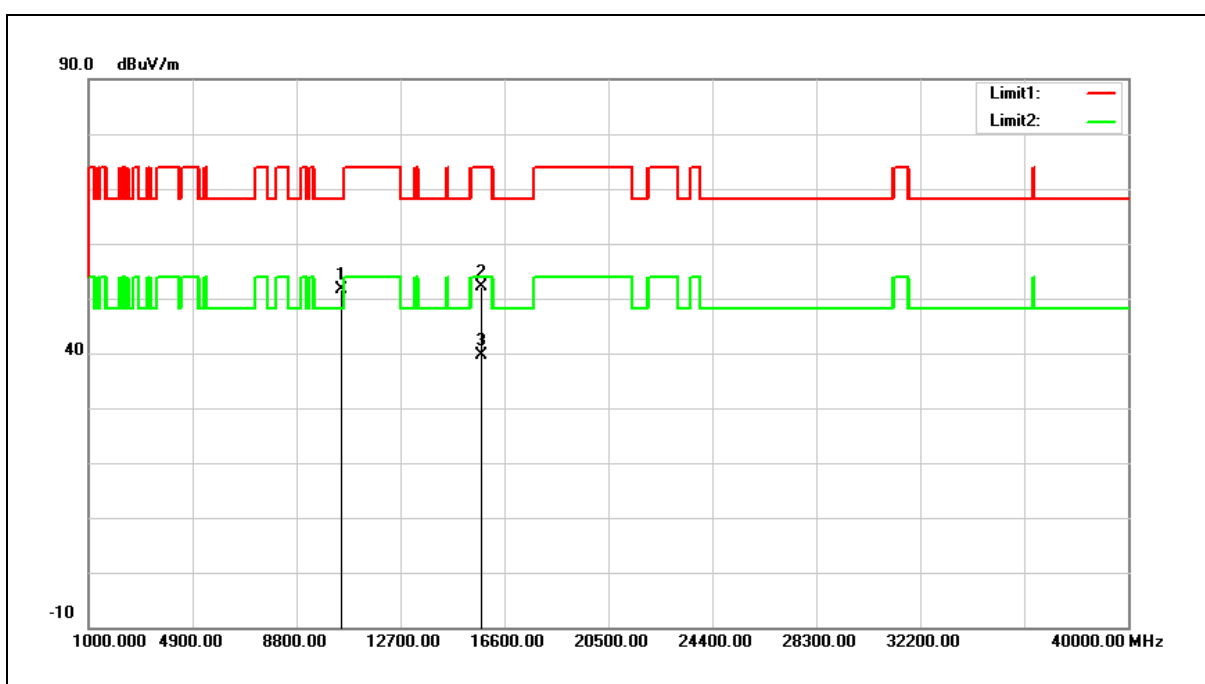
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	35.34	14.55	49.89	68.20	-18.31	peak
2	15720.000	34.56	16.24	50.80	74.00	-23.20	peak

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

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

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

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



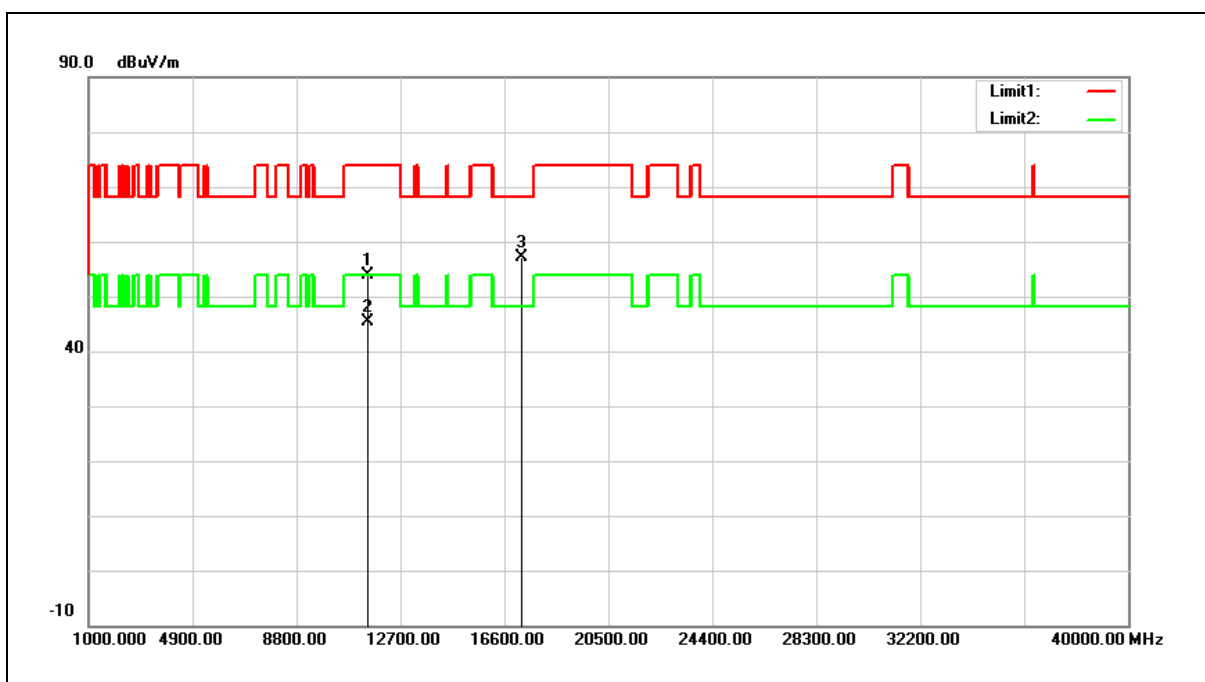
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	36.97	14.55	51.52	68.20	-16.68	peak
2	15720.000	35.96	16.24	52.20	74.00	-21.80	peak
3	15720.000	23.46	16.24	39.70	54.00	-14.30	AVG

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

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

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

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



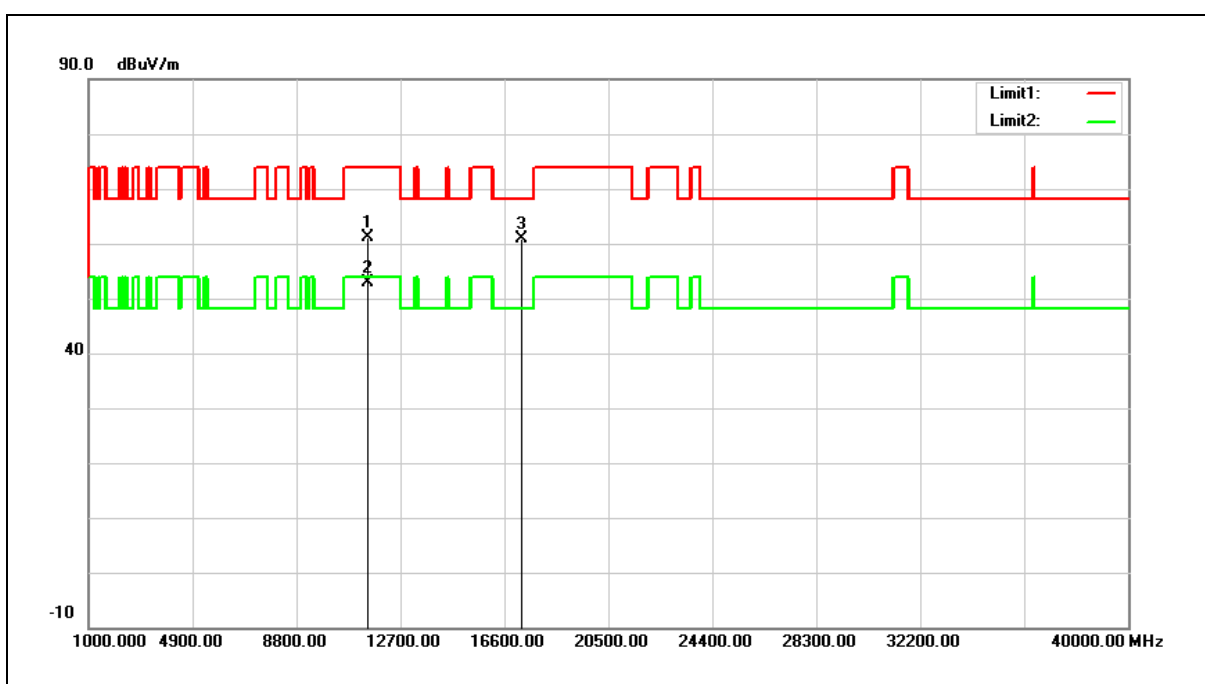
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	38.43	15.39	53.82	74.00	-20.18	peak
2	11490.000	30.00	15.39	45.39	54.00	-8.61	AVG
3	17235.000	35.31	21.71	57.02	68.20	-11.18	peak

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

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

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

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



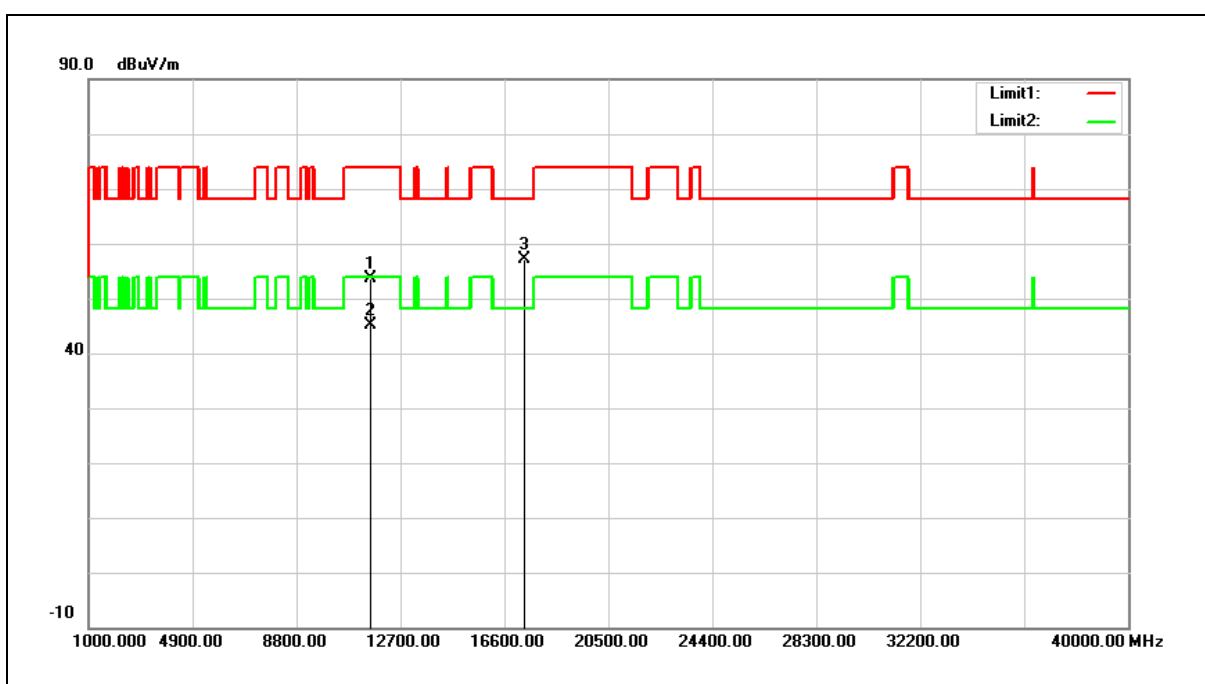
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	45.65	15.39	61.04	74.00	-12.96	peak
2	11490.000	37.42	15.39	52.81	54.00	-1.19	AVG
3	17235.000	39.15	21.71	60.86	68.20	-7.34	peak

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



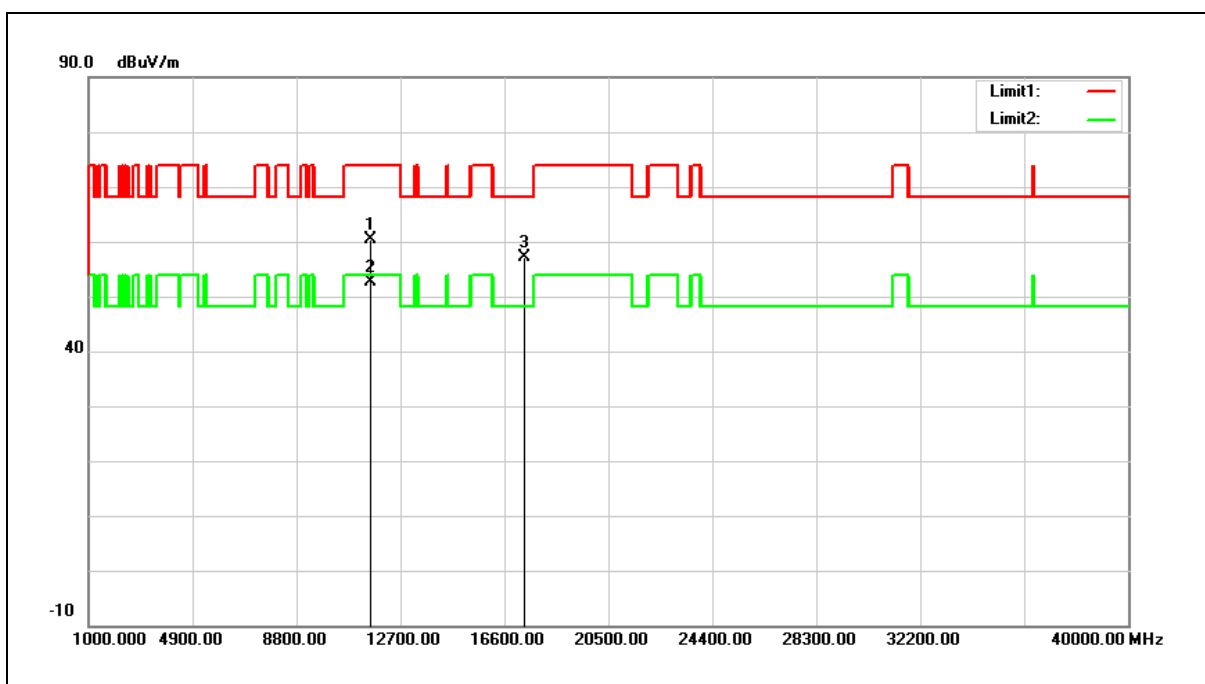
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	38.38	15.25	53.63	74.00	-20.37	peak
2	11570.000	29.99	15.25	45.24	54.00	-8.76	AVG
3	17355.000	34.63	22.42	57.05	68.20	-11.15	peak

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:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 8		
Ant.Polar.:	Vertical		



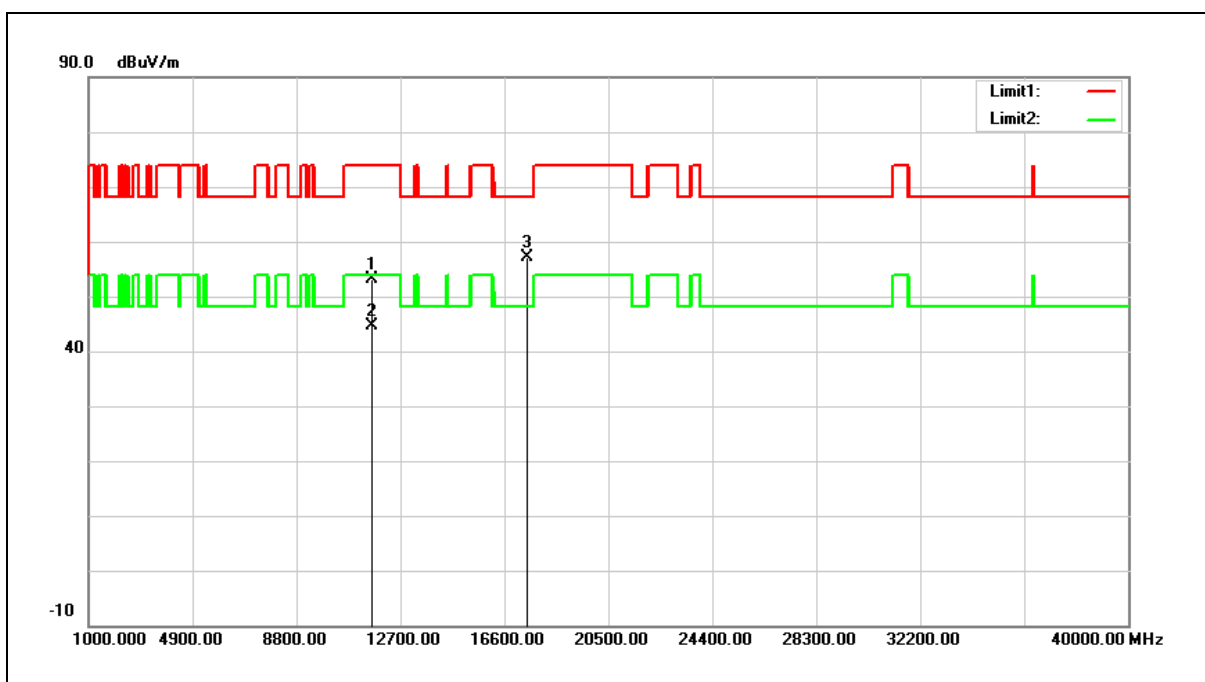
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	45.22	15.25	60.47	74.00	-13.53	peak
2	11570.000	37.48	15.25	52.73	54.00	-1.27	AVG
3	17355.000	34.71	22.42	57.13	68.20	-11.07	peak

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

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

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

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



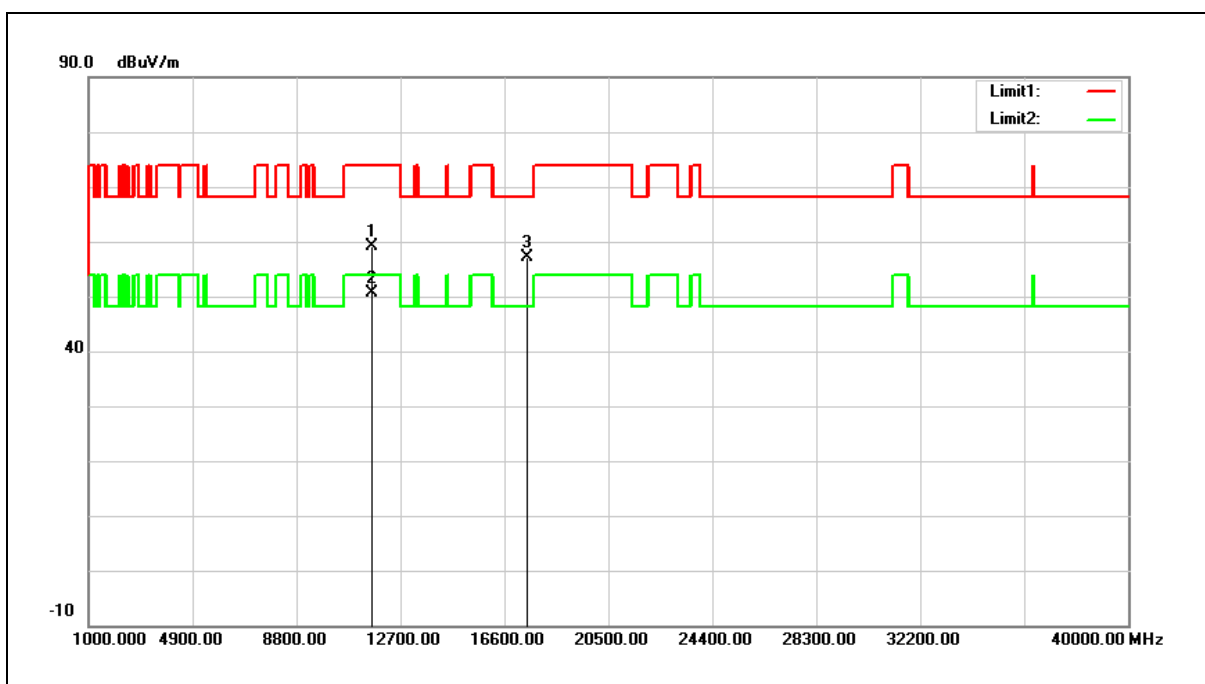
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	38.13	15.08	53.21	74.00	-20.79	peak
2	11650.000	29.66	15.08	44.74	54.00	-9.26	AVG
3	17475.000	33.94	23.13	57.07	68.20	-11.13	peak

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

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

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

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



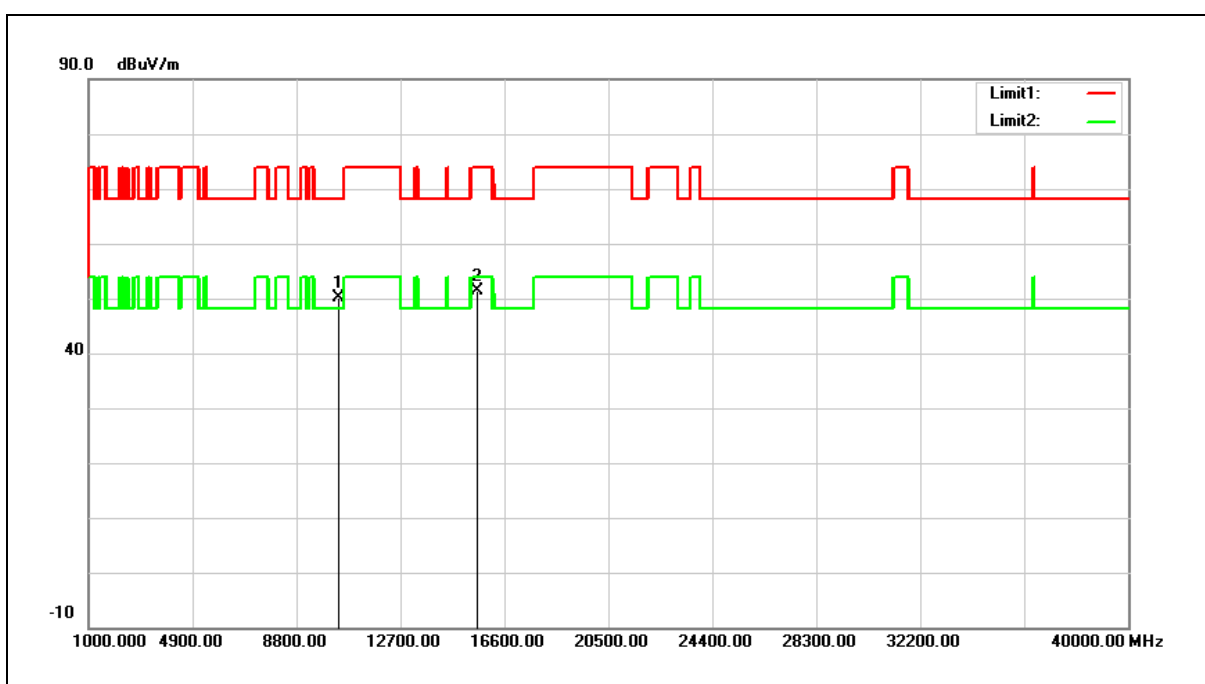
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	44.01	15.08	59.09	74.00	-14.91	peak
2	11650.000	35.62	15.08	50.70	54.00	-3.30	AVG
3	17475.000	34.12	23.13	57.25	68.20	-10.95	peak

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



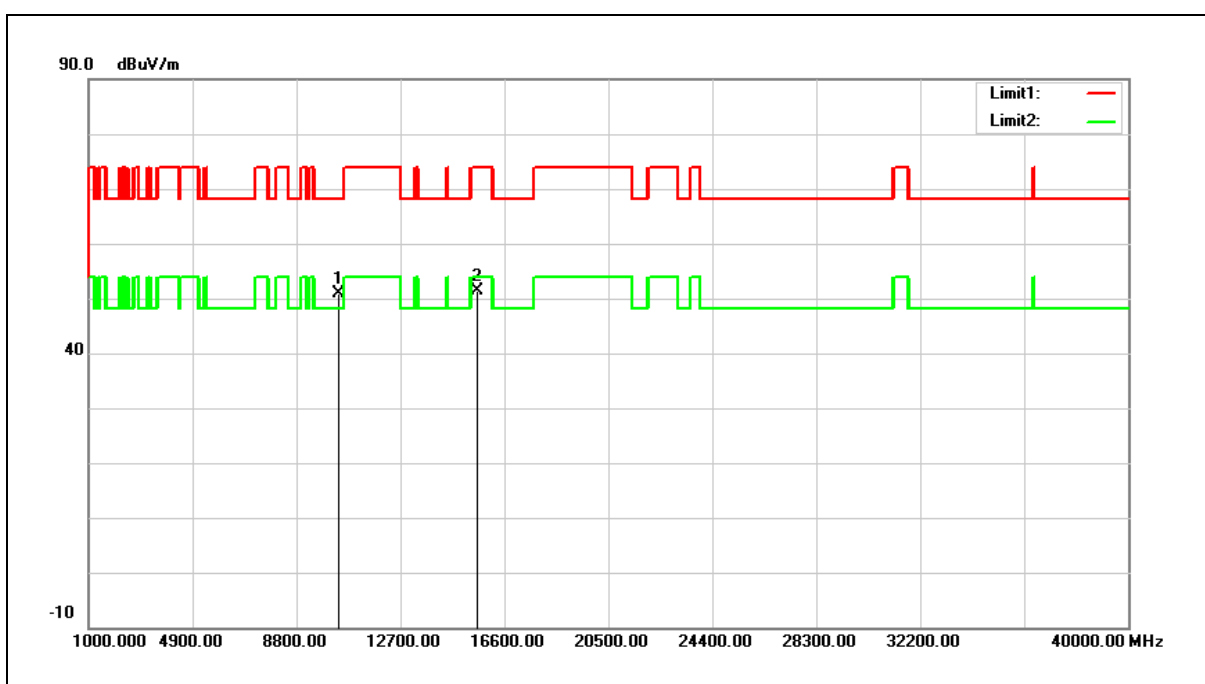
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	35.69	14.35	50.04	68.20	-18.16	peak
2	15570.000	34.57	16.75	51.32	74.00	-22.68	peak

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

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

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

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



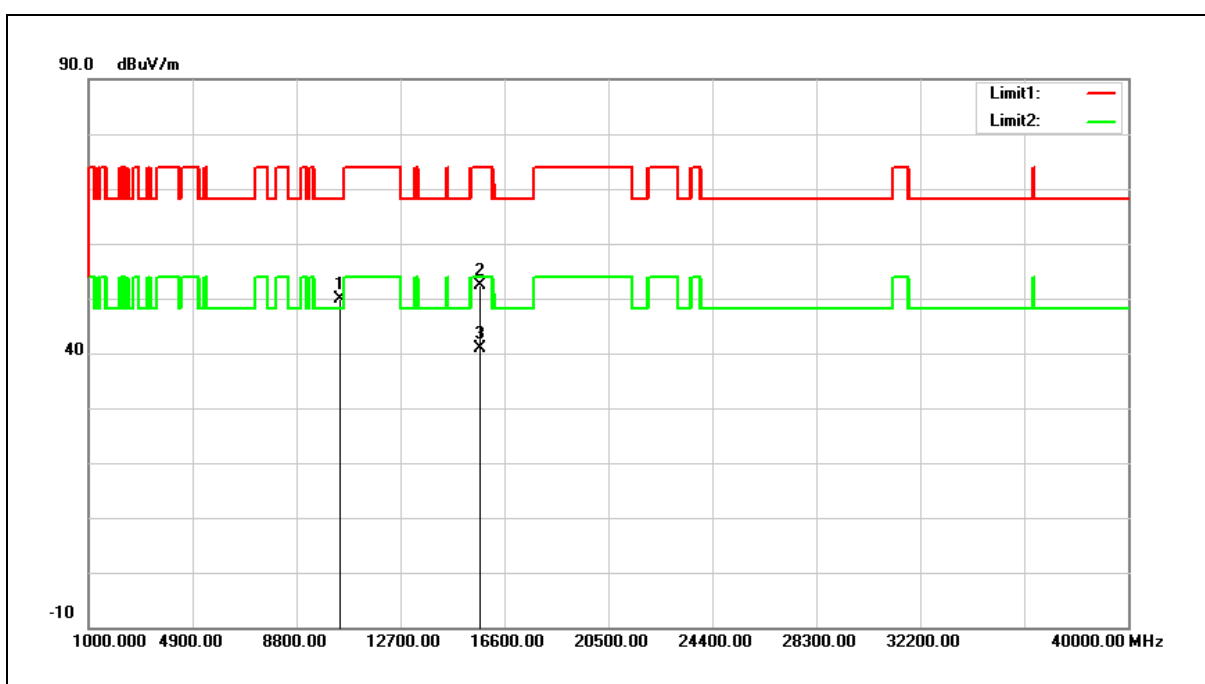
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	36.57	14.35	50.92	68.20	-17.28	peak
2	15570.000	34.58	16.75	51.33	74.00	-22.67	peak

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

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

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

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



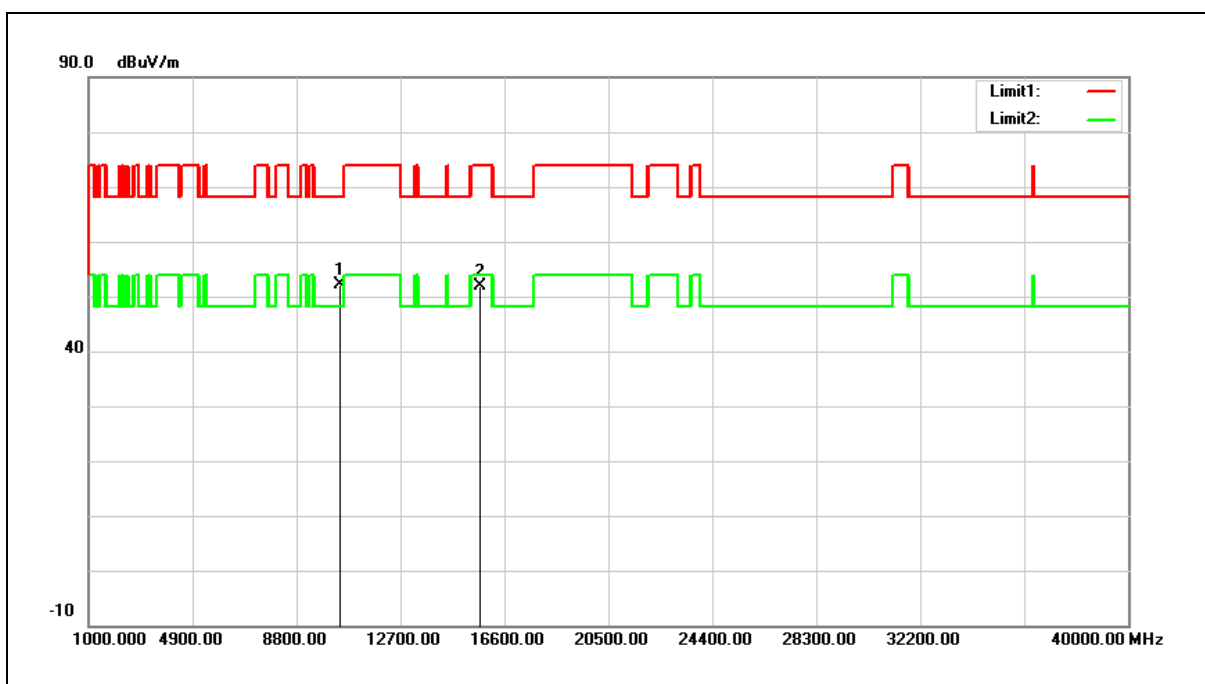
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	35.30	14.51	49.81	68.20	-18.39	peak
2	15690.000	35.99	16.35	52.34	74.00	-21.66	peak
3	15690.000	24.50	16.35	40.85	54.00	-13.15	AVG

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



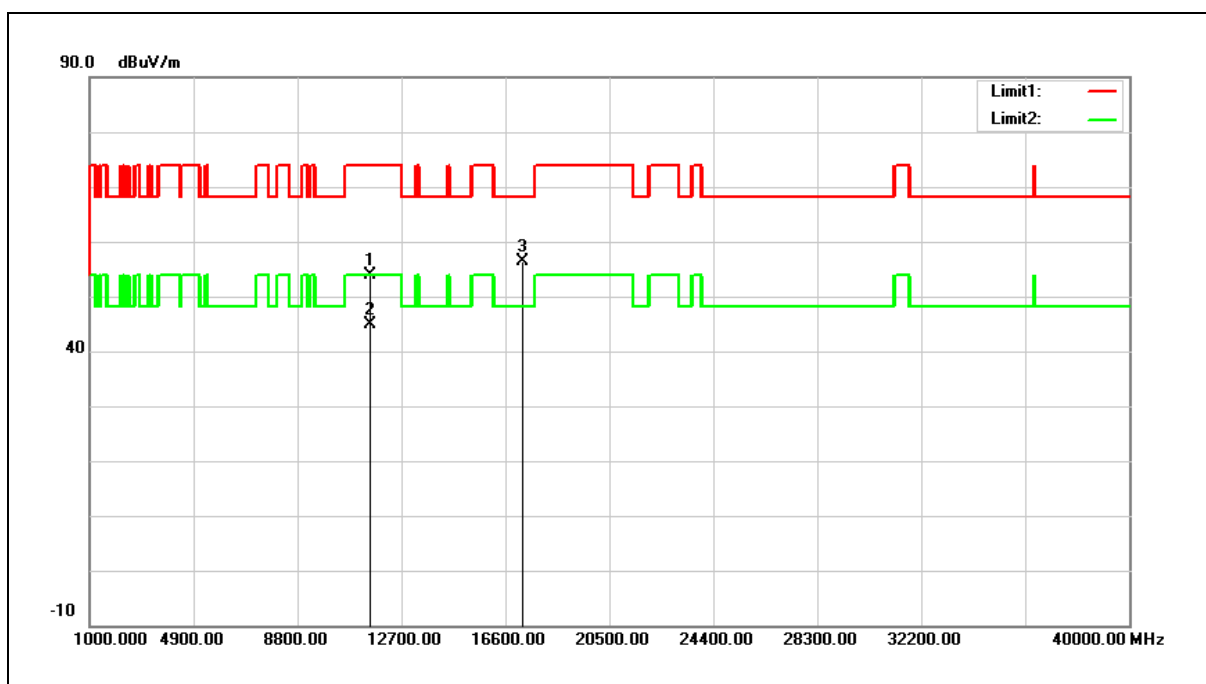
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	37.61	14.51	52.12	68.20	-16.08	peak
2	15690.000	35.48	16.35	51.83	74.00	-22.17	peak

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		



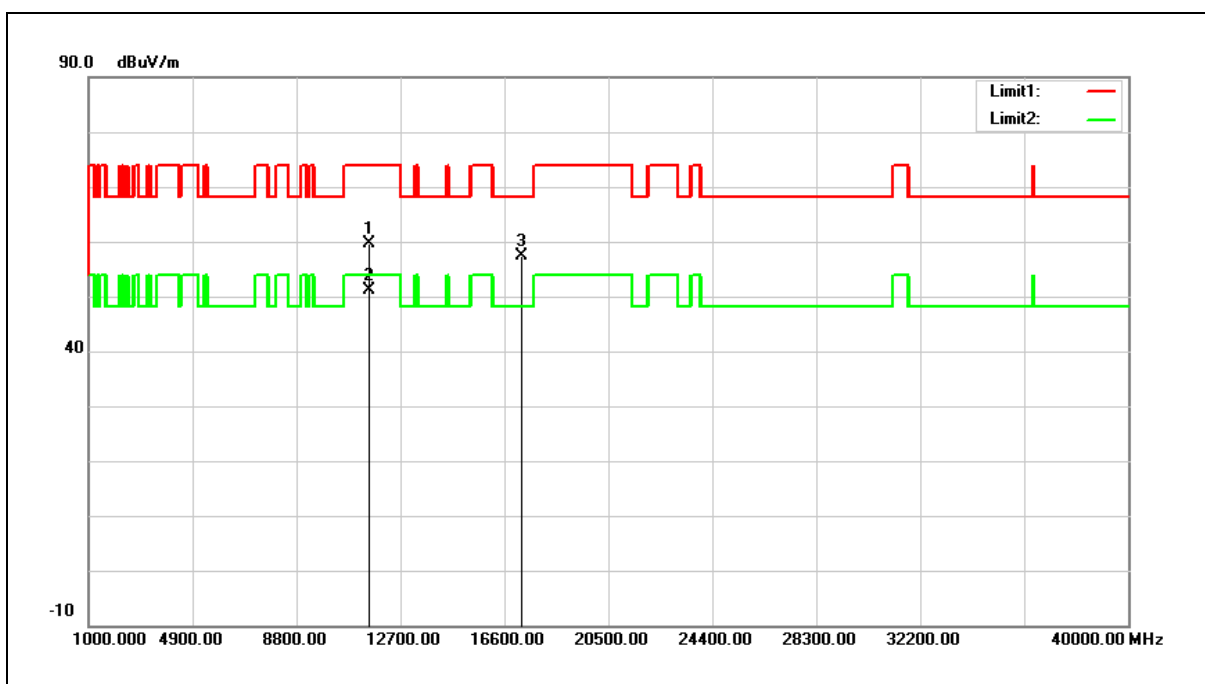
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	38.40	15.38	53.78	74.00	-20.22	peak
2	11510.000	29.38	15.38	44.76	54.00	-9.24	AVG
3	17265.000	34.53	21.88	56.41	68.20	-11.79	peak

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

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

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

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



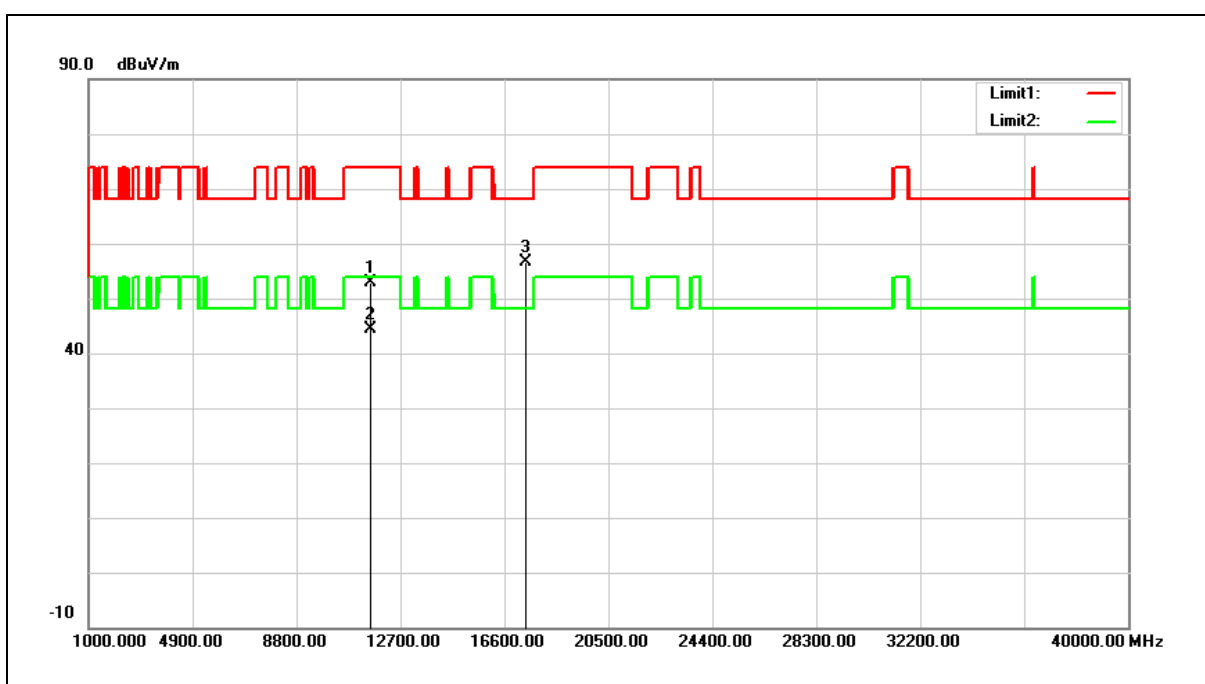
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	44.17	15.38	59.55	74.00	-14.45	peak
2	11510.000	35.64	15.38	51.02	54.00	-2.98	AVG
3	17265.000	35.52	21.88	57.40	68.20	-10.80	peak

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

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

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

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



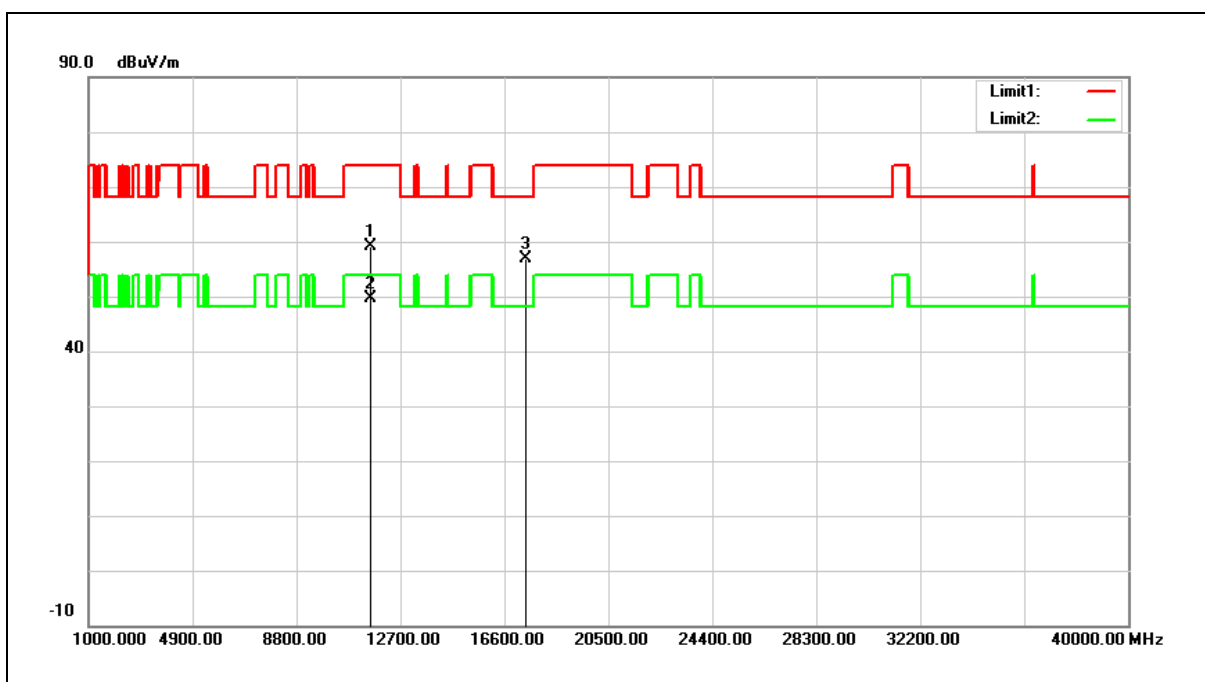
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	37.70	15.20	52.90	74.00	-21.10	peak
2	11590.000	29.14	15.20	44.34	54.00	-9.66	AVG
3	17385.000	34.06	22.60	56.66	68.20	-11.54	peak

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

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

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

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



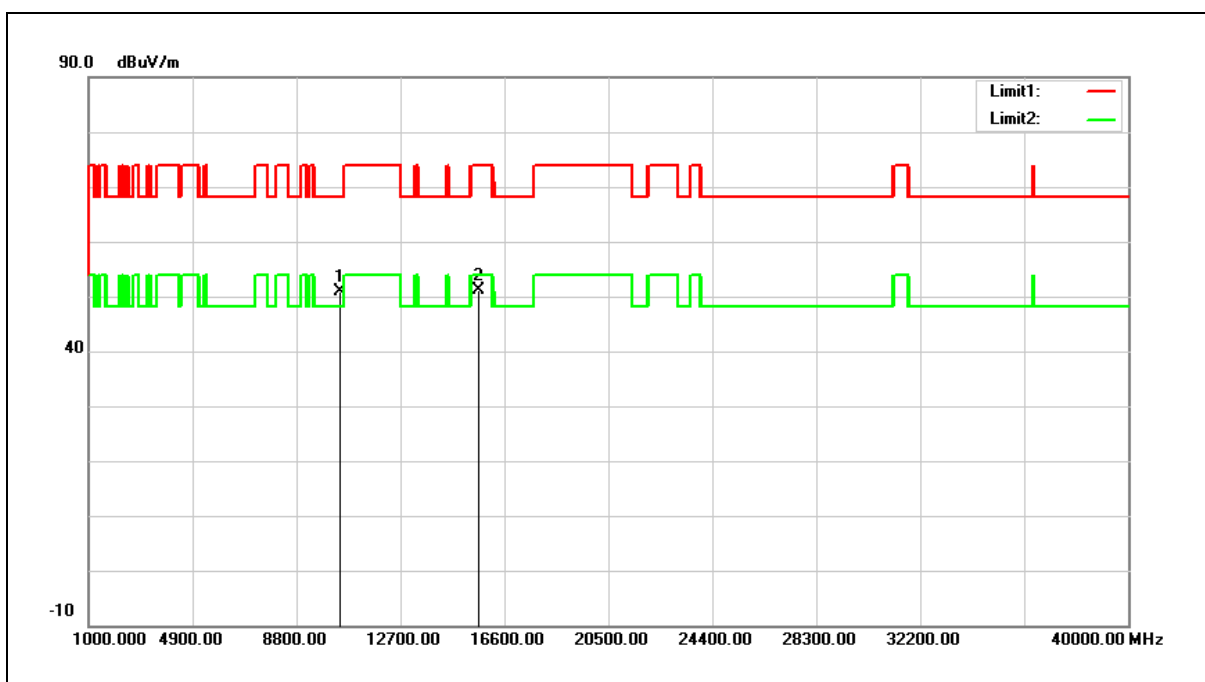
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	43.91	15.20	59.11	74.00	-14.89	peak
2	11590.000	34.45	15.20	49.65	54.00	-4.35	AVG
3	17385.000	34.28	22.60	56.88	68.20	-11.32	peak

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



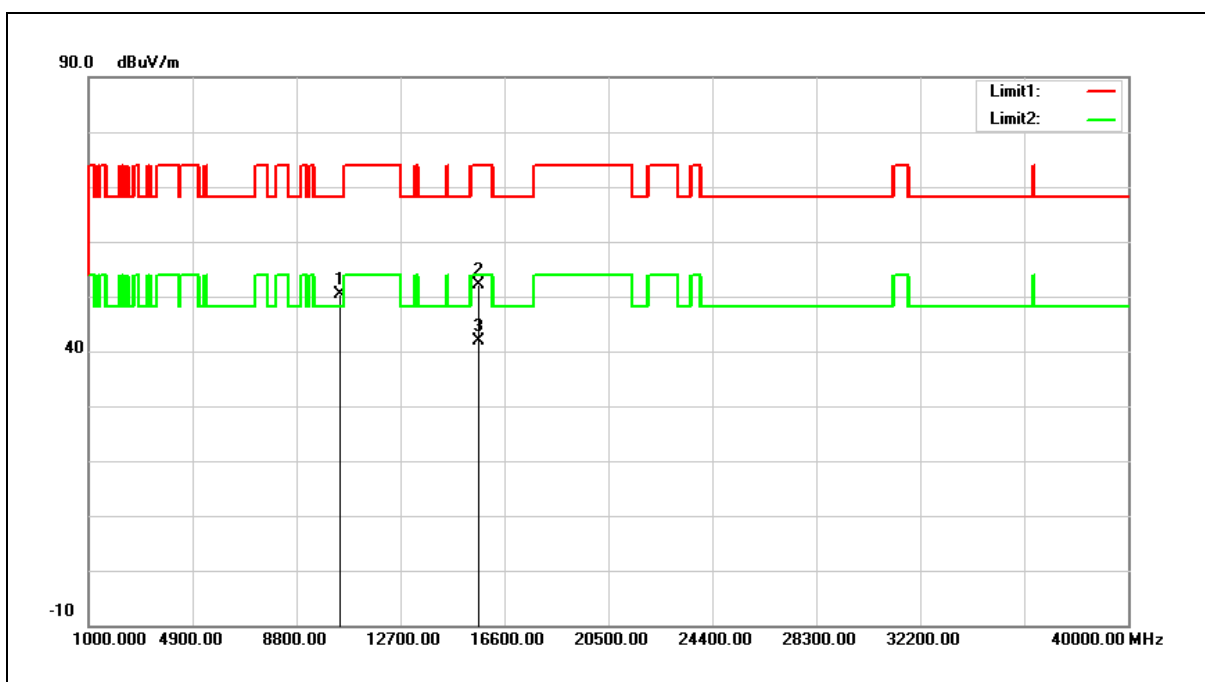
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	36.42	14.42	50.84	68.20	-17.36	peak
2	15630.000	34.57	16.56	51.13	74.00	-22.87	peak

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

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

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

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



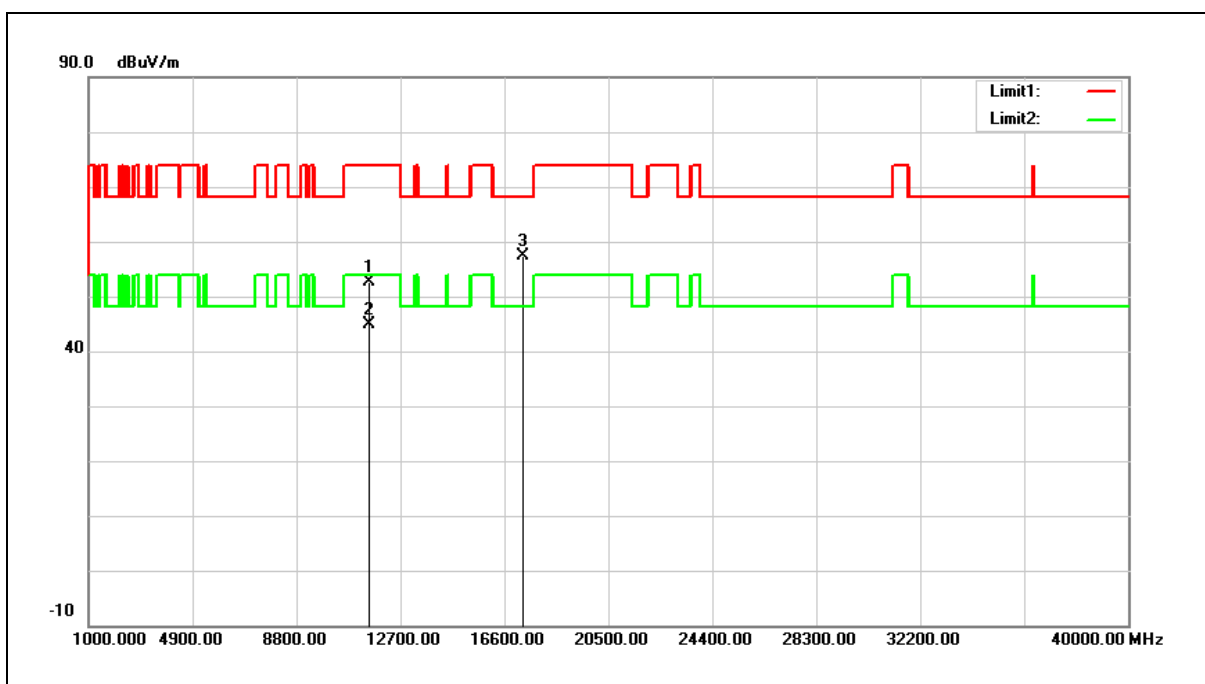
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	35.98	14.42	50.40	68.20	-17.80	peak
2	15630.000	35.49	16.56	52.05	74.00	-21.95	peak
3	15630.000	25.38	16.56	41.94	54.00	-12.06	AVG

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

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

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

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



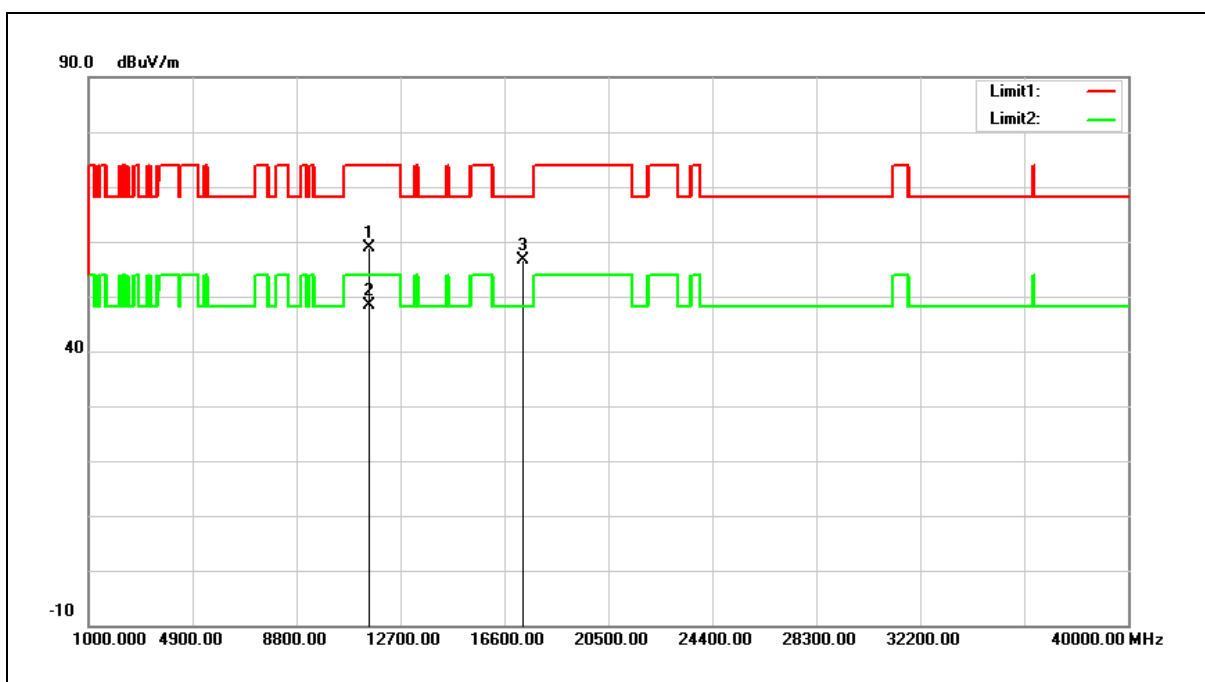
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	37.31	15.29	52.60	74.00	-21.40	peak
2	11550.000	29.70	15.29	44.99	54.00	-9.01	AVG
3	17325.000	35.19	22.24	57.43	68.20	-10.77	peak

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

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

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

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



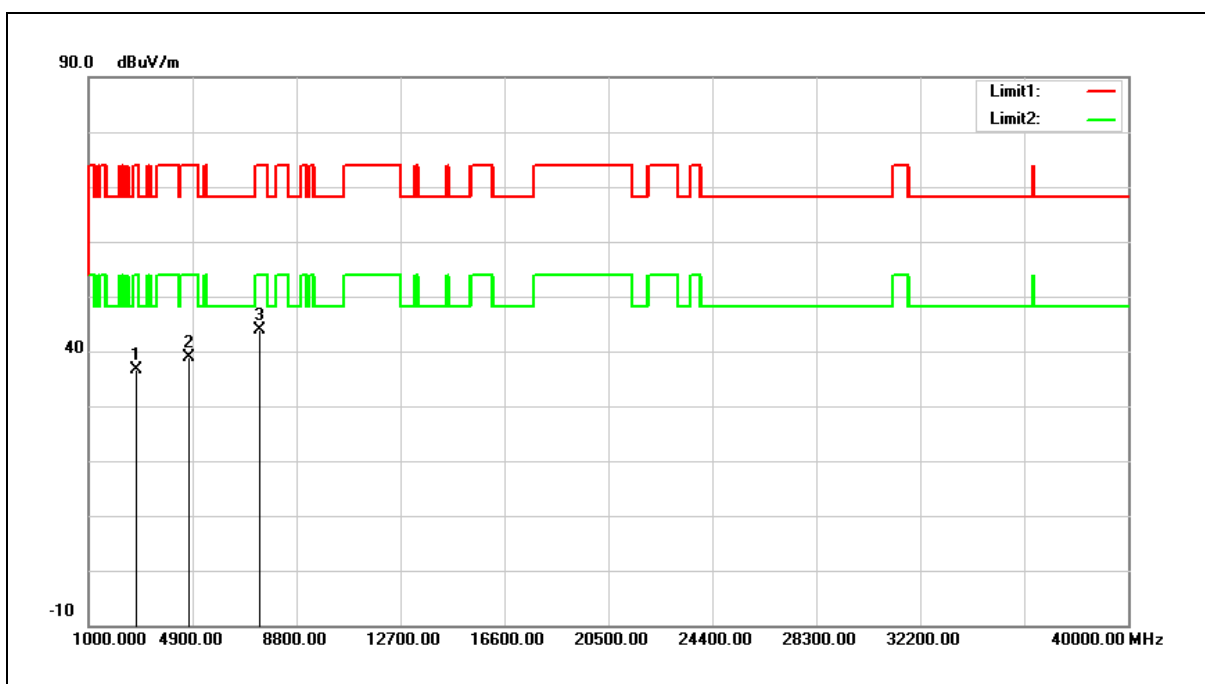
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	43.54	15.29	58.83	74.00	-15.17	peak
2	11550.000	33.18	15.29	48.47	54.00	-5.53	AVG
3	17325.000	34.48	22.24	56.72	68.20	-11.48	peak

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

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

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

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



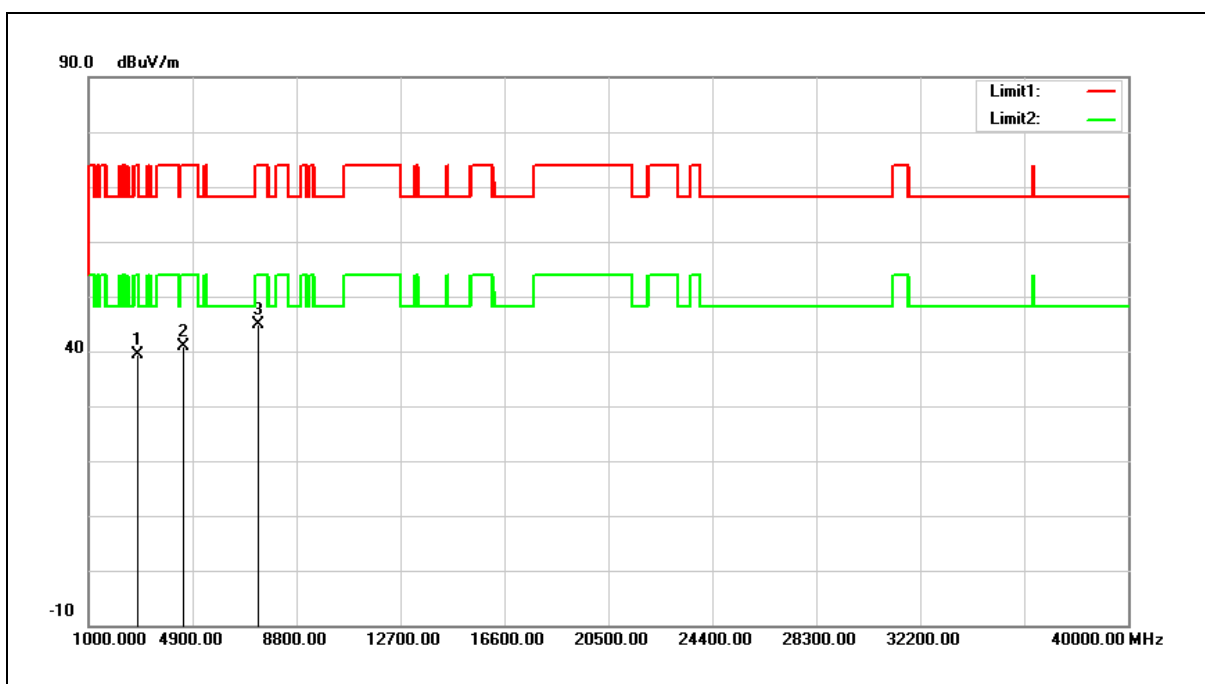
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2785.000	42.74	-6.00	36.74	74.00	-37.26	peak
2	4757.000	40.19	-1.21	38.98	74.00	-35.02	peak
3	7426.000	37.03	6.90	43.93	74.00	-30.07	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
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	2802.000	45.23	-5.94	39.29	74.00	-34.71	peak
2	4553.000	42.84	-1.91	40.93	74.00	-33.07	peak
3	7341.000	38.27	6.56	44.83	74.00	-29.17	peak

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

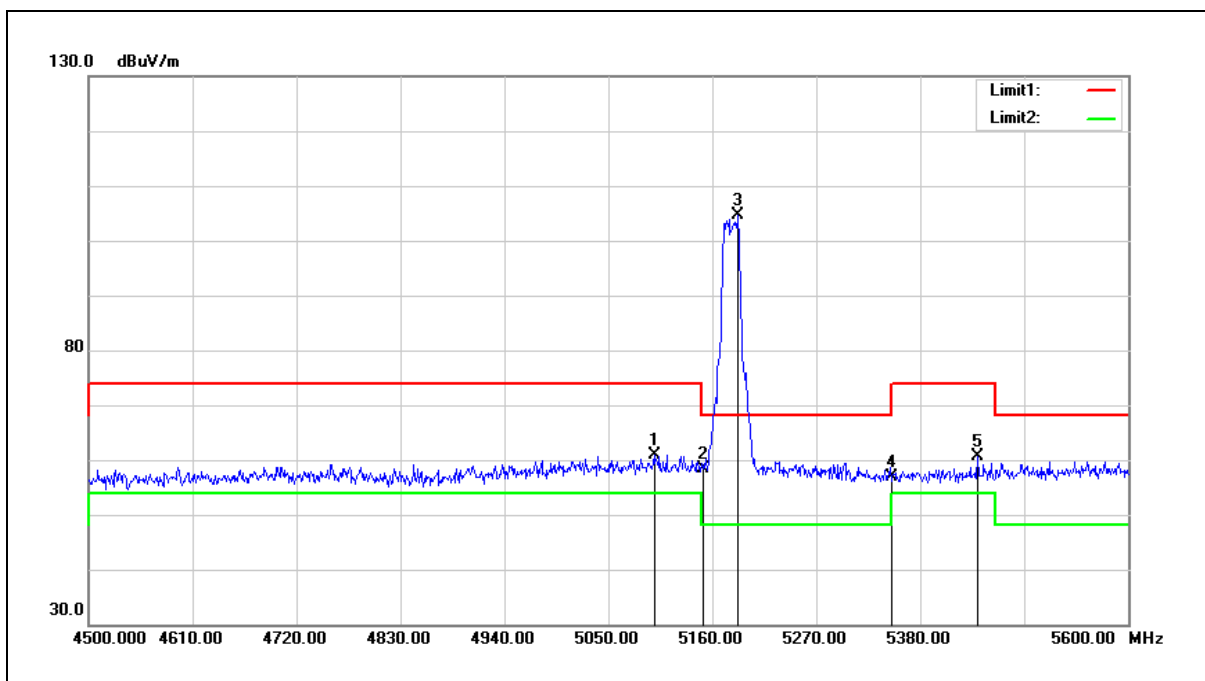
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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		



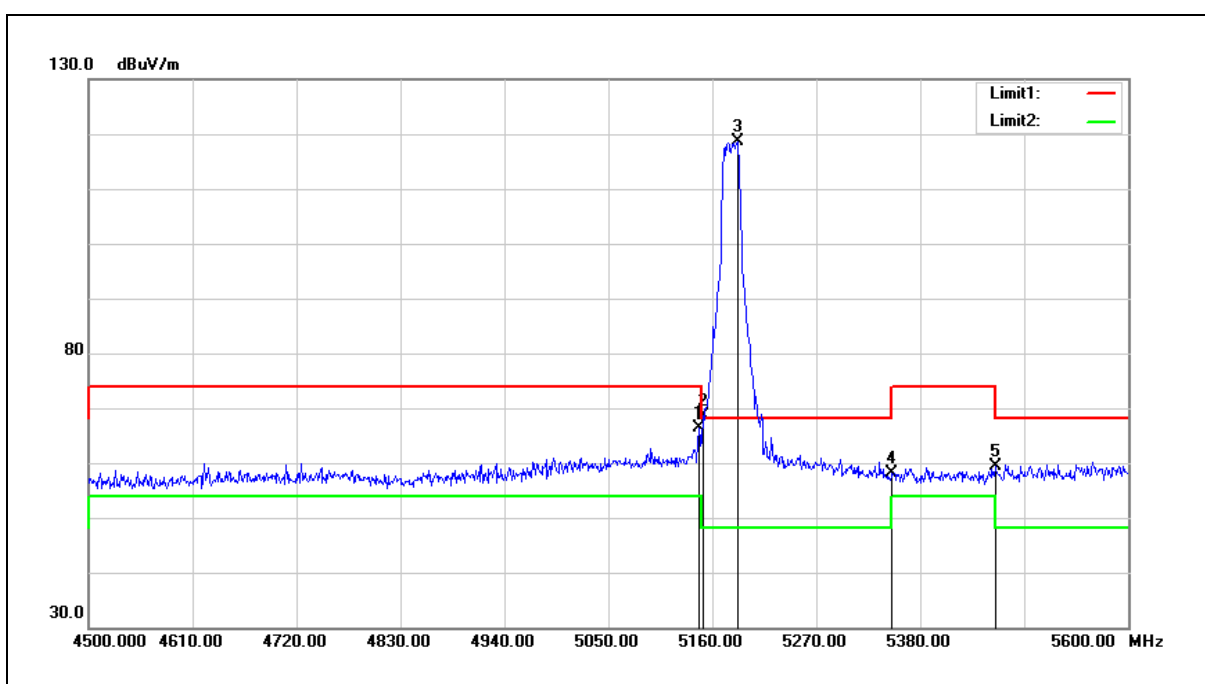
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5098.400	61.01	-0.18	60.83	74.00	-13.17	peak
2	5150.000	58.52	-0.08	58.44	74.00	-15.56	peak
3	5187.500	104.55	-0.01	104.54	68.20	36.34	peak
4	5350.000	56.51	0.30	56.81	74.00	-17.19	peak
5	5440.500	60.13	0.46	60.59	74.00	-13.41	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 2		
Ant.Polar.:	Vertical		



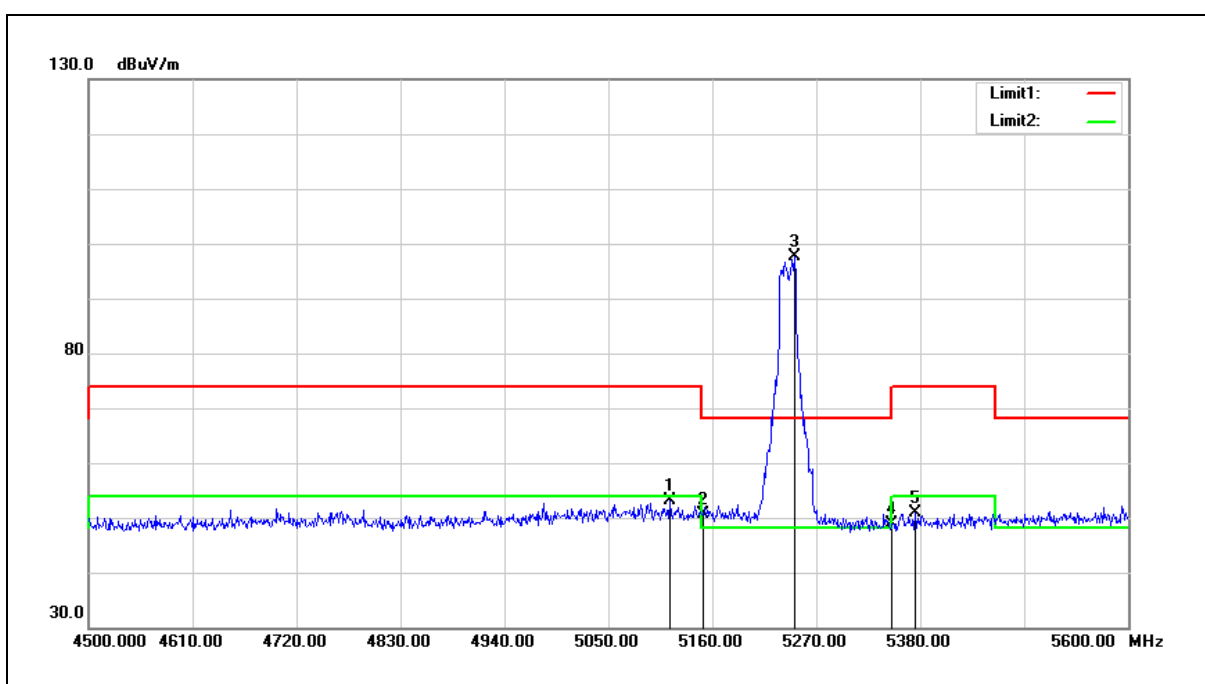
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	66.53	-0.08	66.45	74.00	-7.55	peak
2	5150.000	68.61	-0.08	68.53	74.00	-5.47	peak
3	5186.400	118.68	-0.01	118.67	68.20	50.47	peak
4	5350.000	57.90	0.30	58.20	74.00	-15.80	peak
5	5459.200	58.76	0.51	59.27	74.00	-14.73	peak

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

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

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

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



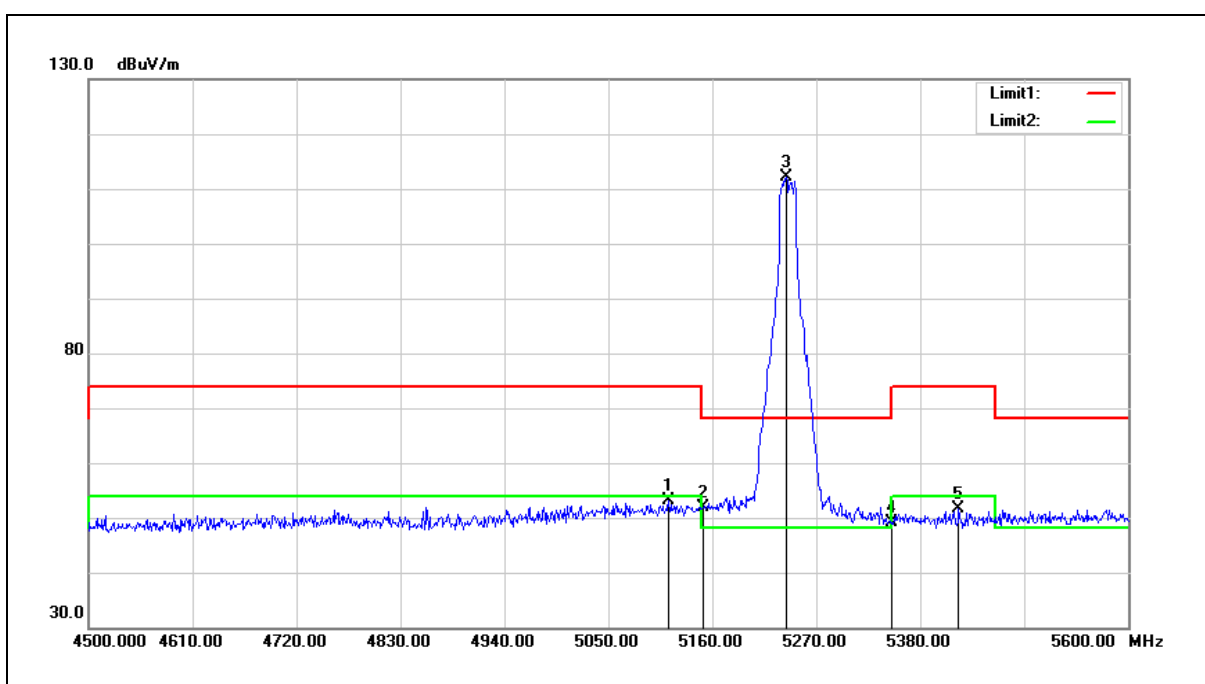
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5114.900	52.84	0.23	53.07	74.00	-20.93	peak
2	5150.000	50.31	0.27	50.58	74.00	-23.42	peak
3	5246.900	97.75	-0.11	97.64	68.20	29.44	peak
4	5350.000	48.94	-0.12	48.82	74.00	-25.18	peak
5	5374.500	50.67	0.11	50.78	74.00	-23.22	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:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



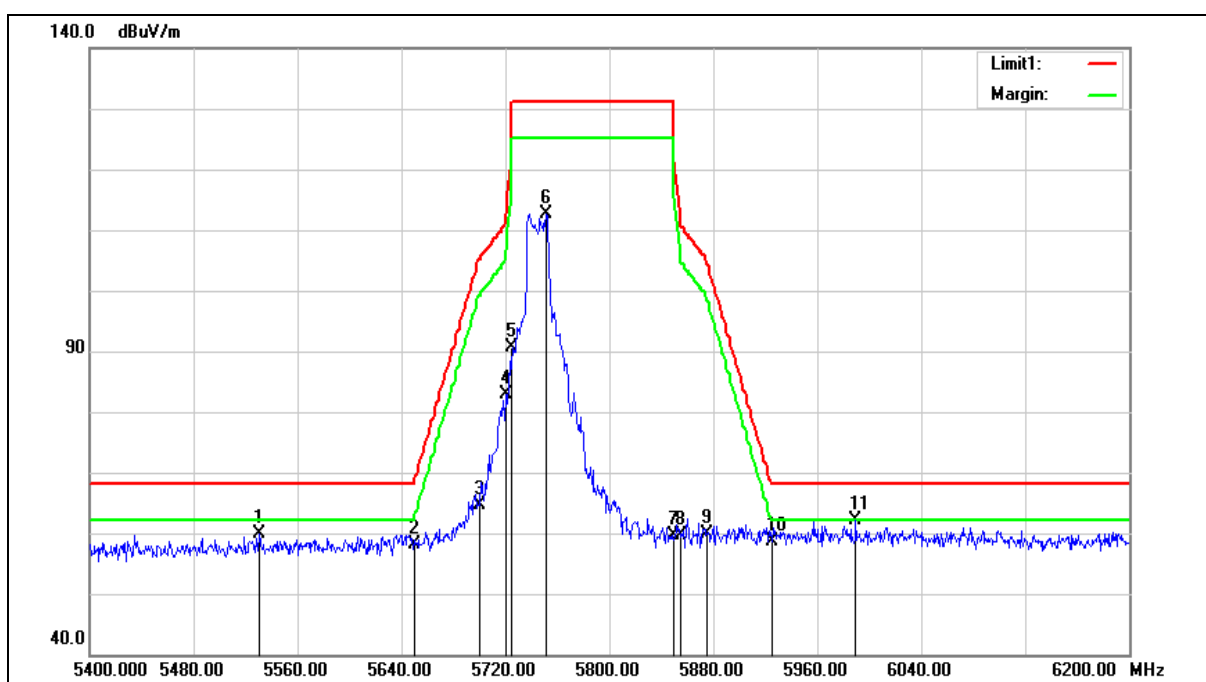
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5113.800	52.82	0.23	53.05	74.00	-20.95	peak
2	5150.000	51.68	0.27	51.95	74.00	-22.05	peak
3	5238.100	112.12	-0.07	112.05	68.20	43.85	peak
4	5350.000	49.13	-0.12	49.01	74.00	-24.99	peak
5	5420.700	51.12	0.39	51.51	74.00	-22.49	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:	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		

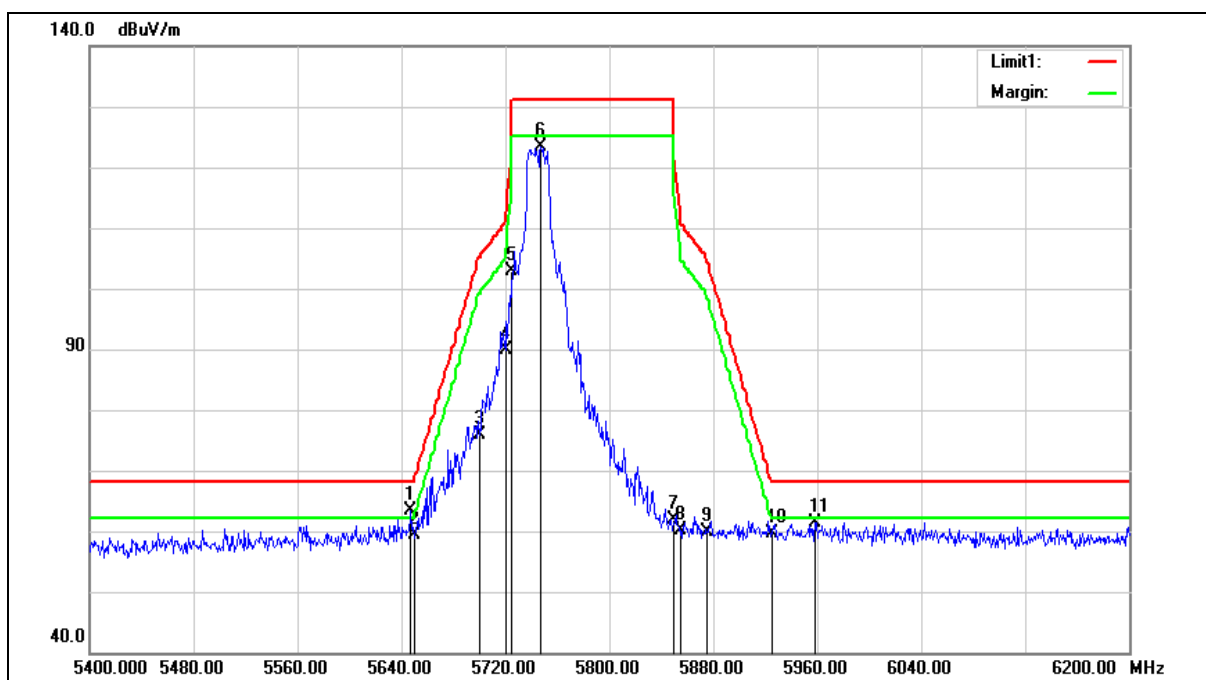
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5530.400	59.28	0.66	59.94	68.20	-8.26	peak
2	5650.000	57.19	0.97	58.16	68.20	-10.04	peak
3	5700.000	63.46	1.11	64.57	105.20	-40.63	peak
4	5720.000	81.74	1.17	82.91	110.80	-27.89	peak
5	5725.000	89.39	1.18	90.57	122.20	-31.63	peak
6	5751.200	111.38	1.25	112.63	131.20	-18.57	peak
7	5850.000	58.20	1.52	59.72	122.20	-62.48	peak
8	5855.000	57.99	1.53	59.52	110.80	-51.28	peak
9	5875.000	58.25	1.59	59.84	105.20	-45.36	peak
10	5925.000	56.96	1.72	58.68	68.20	-9.52	peak
11	5989.600	60.20	1.89	62.09	68.20	-6.11	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:	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		

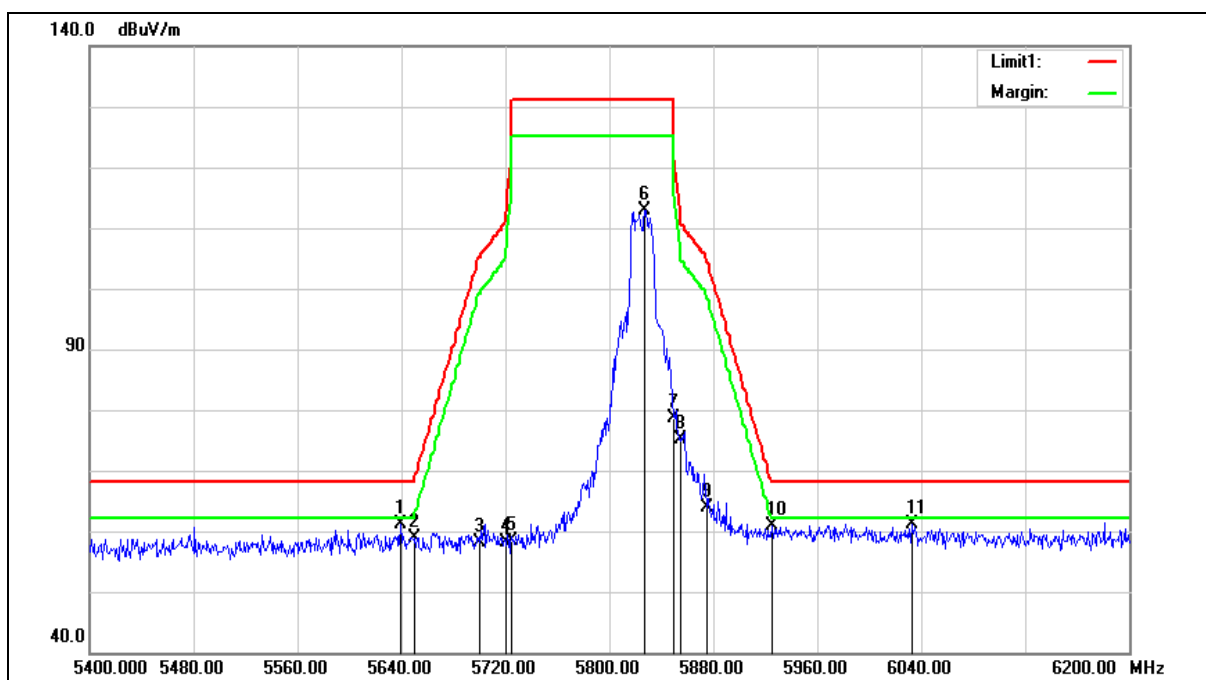
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5647.200	62.45	0.97	63.42	68.20	-4.78	peak
2	5650.000	58.32	0.97	59.29	68.20	-8.91	peak
3	5700.000	74.74	1.11	75.85	105.20	-29.35	peak
4	5720.000	88.63	1.17	89.80	110.80	-21.00	peak
5	5725.000	101.62	1.18	102.80	122.20	-19.40	peak
6	5747.200	122.06	1.25	123.31	131.20	-7.89	peak
7	5850.000	60.36	1.52	61.88	122.20	-60.32	peak
8	5855.000	58.67	1.53	60.20	110.80	-50.60	peak
9	5875.000	58.35	1.59	59.94	105.20	-45.26	peak
10	5925.000	57.93	1.72	59.65	68.20	-8.55	peak
11	5958.400	59.66	1.81	61.47	68.20	-6.73	peak

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

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

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

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

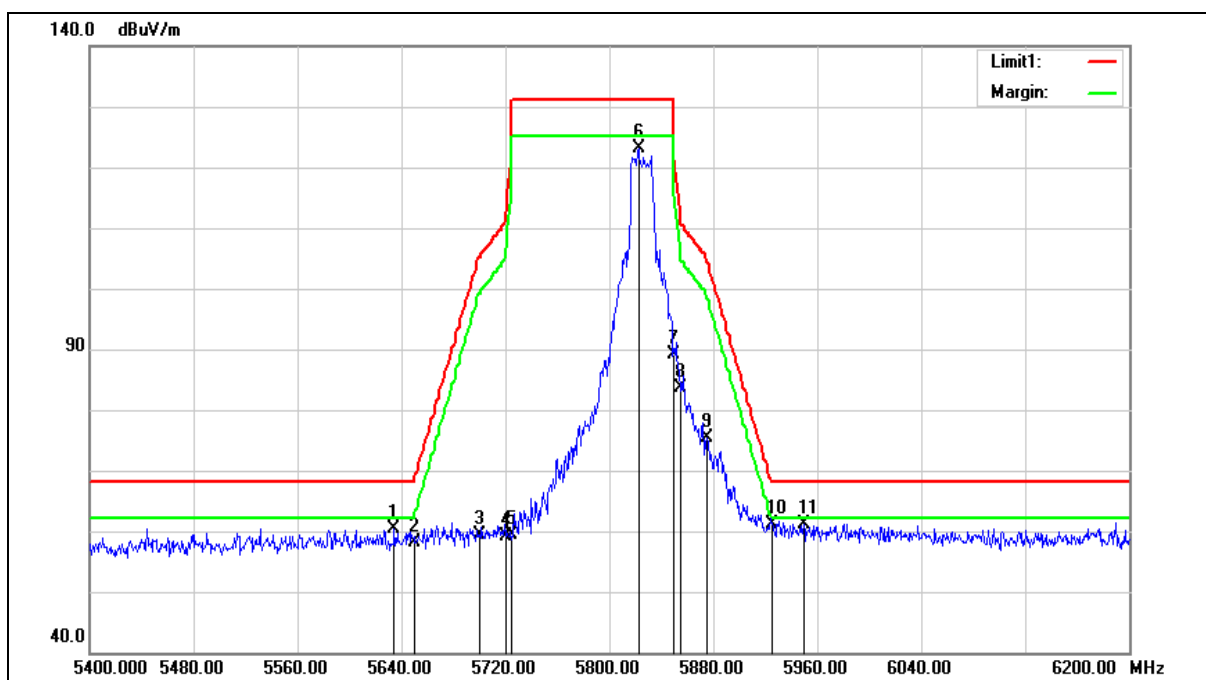
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5639.200	60.17	0.96	61.13	68.20	-7.07	peak
2	5650.000	57.97	0.97	58.94	68.20	-9.26	peak
3	5700.000	57.00	1.11	58.11	105.20	-47.09	peak
4	5720.000	56.93	1.17	58.10	110.80	-52.70	peak
5	5725.000	57.28	1.18	58.46	122.20	-63.74	peak
6	5827.200	111.37	1.45	112.82	131.20	-18.38	peak
7	5850.000	77.00	1.52	78.52	122.20	-43.68	peak
8	5855.000	73.51	1.53	75.04	110.80	-35.76	peak
9	5875.000	62.24	1.59	63.83	105.20	-41.37	peak
10	5925.000	59.04	1.72	60.76	68.20	-7.44	peak
11	6032.800	59.19	2.04	61.23	68.20	-6.97	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:	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		

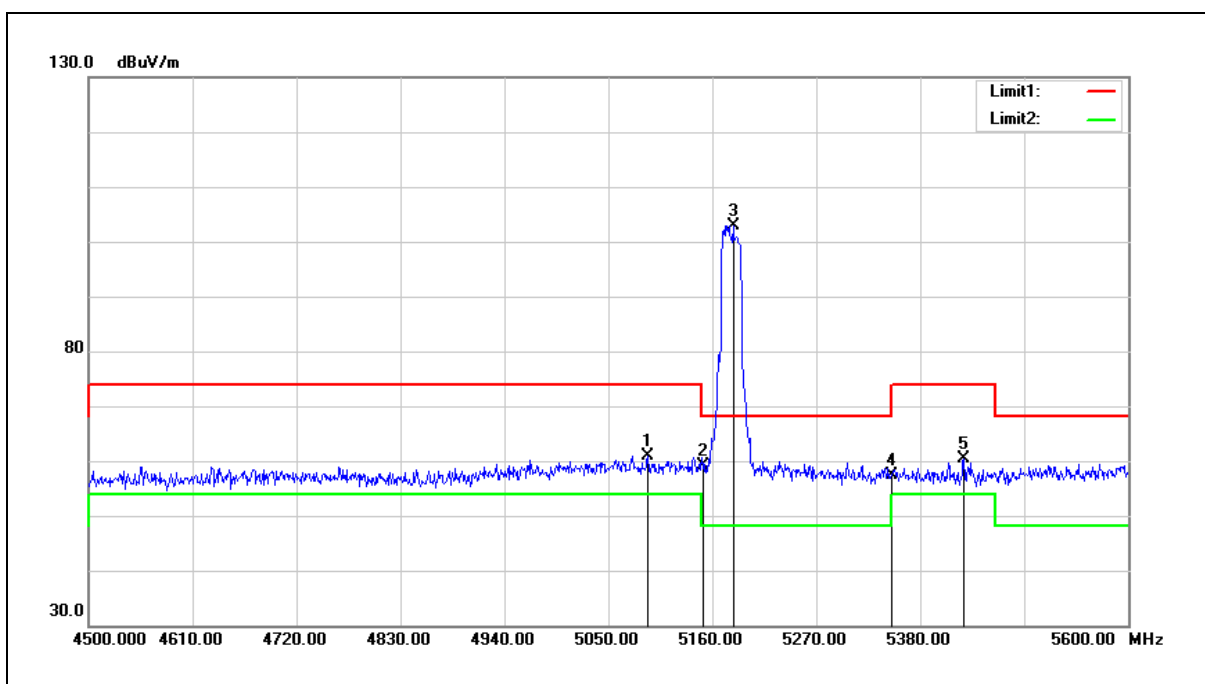
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5634.400	59.48	0.93	60.41	68.20	-7.79	peak
2	5650.000	57.08	0.97	58.05	68.20	-10.15	peak
3	5700.000	58.31	1.11	59.42	105.20	-45.78	peak
4	5720.000	58.00	1.17	59.17	110.80	-51.63	peak
5	5725.000	58.23	1.18	59.41	122.20	-62.79	peak
6	5822.400	121.58	1.45	123.03	131.20	-8.17	peak
7	5850.000	87.65	1.52	89.17	122.20	-33.03	peak
8	5855.000	82.17	1.53	83.70	110.80	-27.10	peak
9	5875.000	73.74	1.59	75.33	105.20	-29.87	peak
10	5925.000	59.30	1.72	61.02	68.20	-7.18	peak
11	5949.600	59.44	1.78	61.22	68.20	-6.98	peak

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

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

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

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



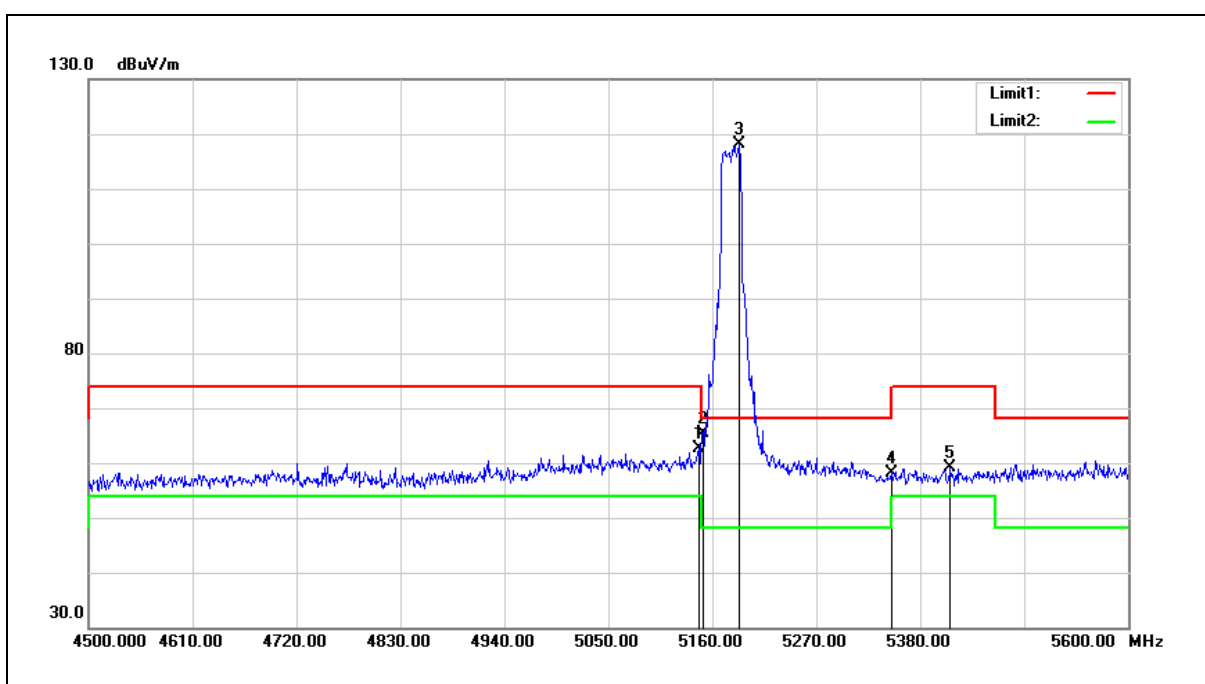
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5091.800	61.17	-0.19	60.98	74.00	-13.02	peak
2	5150.000	59.28	-0.08	59.20	74.00	-14.80	peak
3	5182.000	103.01	-0.02	102.99	68.20	34.79	peak
4	5350.000	56.97	0.30	57.27	74.00	-16.73	peak
5	5426.200	59.97	0.43	60.40	74.00	-13.60	peak

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

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

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

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



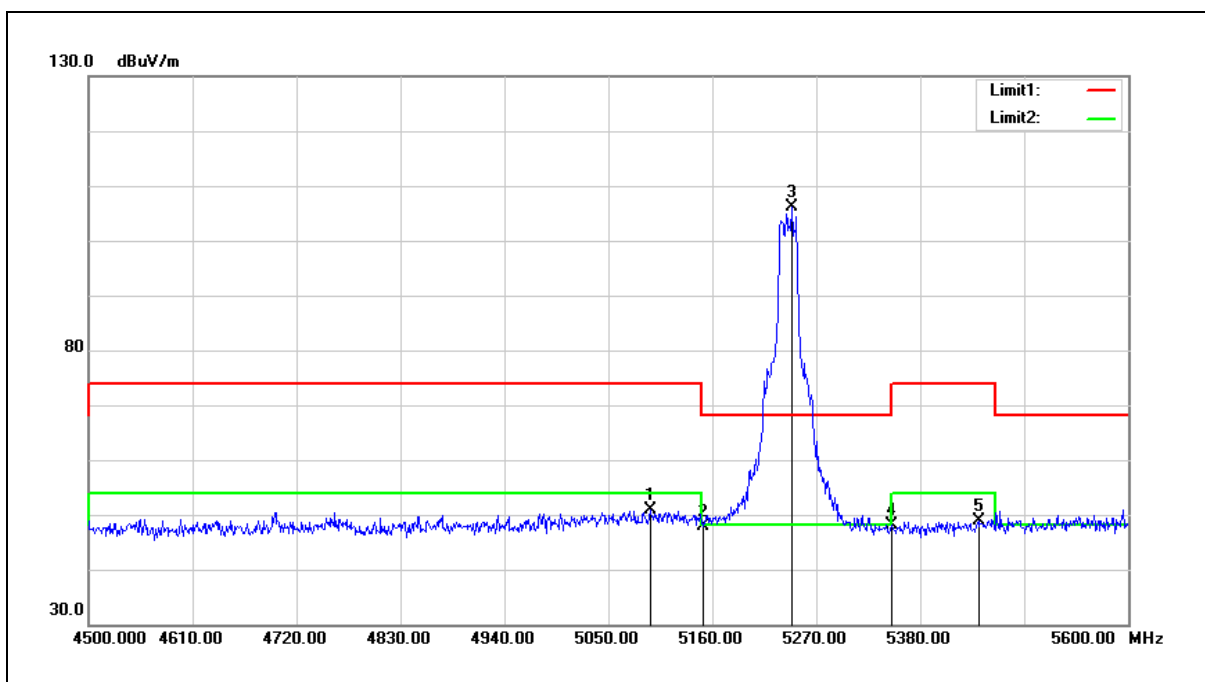
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	62.64	-0.08	62.56	74.00	-11.44	peak
2	5150.000	65.54	-0.08	65.46	74.00	-8.54	peak
3	5188.600	118.02	-0.01	118.01	68.20	49.81	peak
4	5350.000	57.88	0.30	58.18	74.00	-15.82	peak
5	5411.900	58.61	0.41	59.02	74.00	-14.98	peak

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

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

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

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



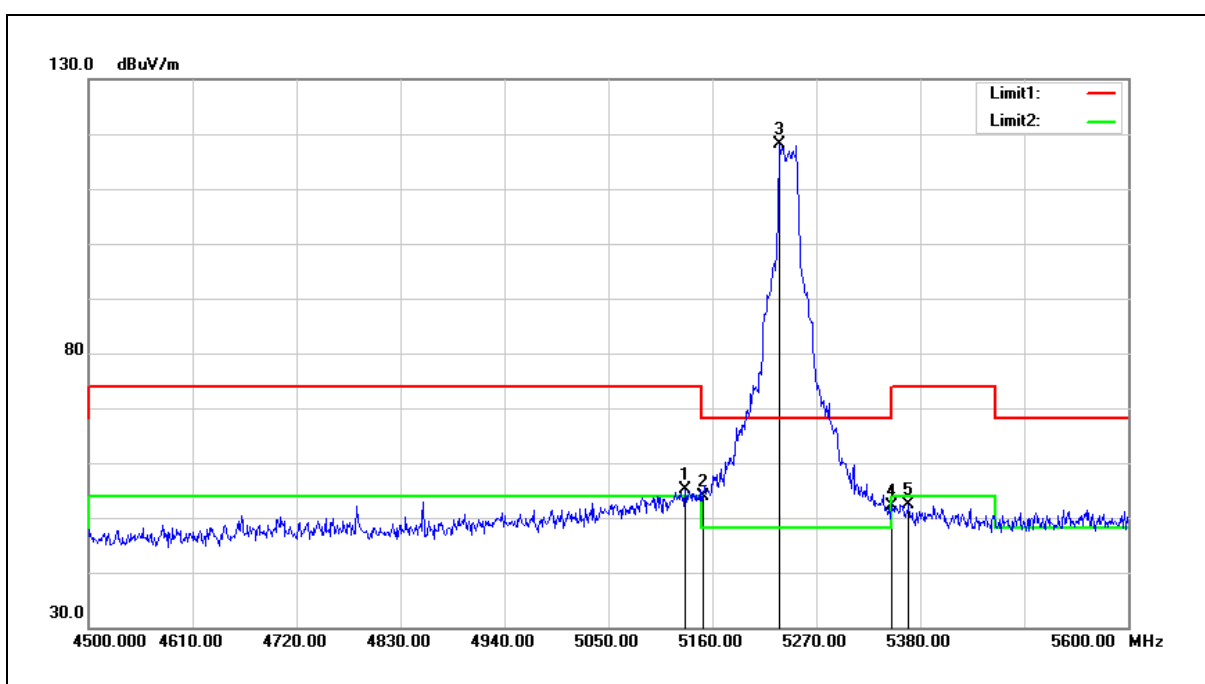
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5094.000	50.68	0.19	50.87	74.00	-23.13	peak
2	5150.000	47.72	0.27	47.99	74.00	-26.01	peak
3	5243.600	106.18	-0.09	106.09	68.20	37.89	peak
4	5350.000	48.15	-0.12	48.03	74.00	-25.97	peak
5	5442.700	48.52	0.47	48.99	74.00	-25.01	peak

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

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

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

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



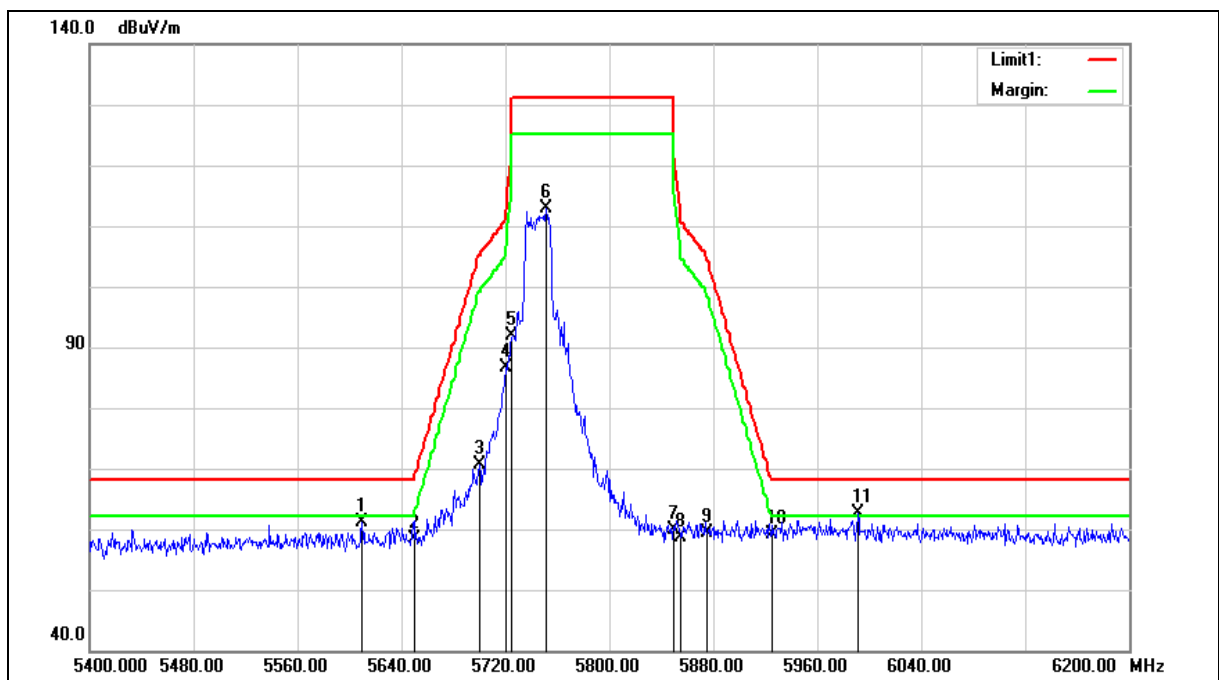
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5131.400	55.01	0.24	55.25	74.00	-18.75	peak
2	5150.000	53.51	0.27	53.78	74.00	-20.22	peak
3	5231.500	118.09	-0.03	118.06	68.20	49.86	peak
4	5350.000	52.16	-0.12	52.04	74.00	-21.96	peak
5	5367.900	52.45	0.04	52.49	74.00	-21.51	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:	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	5609.600	60.25	0.87	61.12	68.20	-7.08	peak
2	5650.000	57.42	0.97	58.39	68.20	-9.81	peak
3	5700.000	69.63	1.11	70.74	105.20	-34.46	peak
4	5720.000	85.55	1.17	86.72	110.80	-24.08	peak
5	5725.000	90.63	1.18	91.81	122.20	-30.39	peak
6	5751.200	111.62	1.25	112.87	131.20	-18.33	peak
7	5850.000	58.47	1.52	59.99	122.20	-62.21	peak
8	5855.000	57.02	1.53	58.55	110.80	-52.25	peak
9	5875.000	57.85	1.59	59.44	105.20	-45.76	peak
10	5925.000	57.43	1.72	59.15	68.20	-9.05	peak
11	5991.200	60.72	1.89	62.61	68.20	-5.59	peak

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

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

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

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

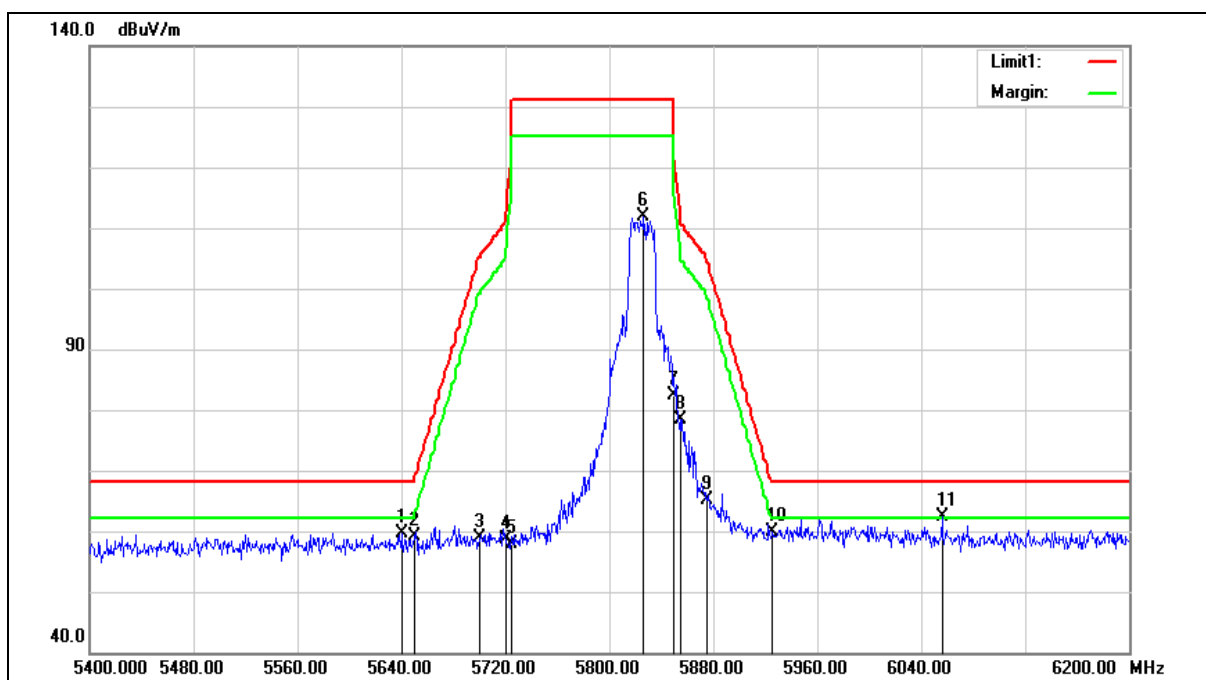
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5638.400	62.45	0.96	63.41	68.20	-4.79	peak
2	5650.000	63.45	0.97	64.42	68.20	-3.78	peak
3	5700.000	77.16	1.11	78.27	105.20	-26.93	peak
4	5720.000	95.57	1.17	96.74	110.80	-14.06	peak
5	5725.000	100.30	1.18	101.48	122.20	-20.72	peak
6	5737.600	122.84	1.22	124.06	131.20	-7.14	peak
7	5850.000	59.55	1.52	61.07	122.20	-61.13	peak
8	5855.000	60.98	1.53	62.51	110.80	-48.29	peak
9	5875.000	59.48	1.59	61.07	105.20	-44.13	peak
10	5925.000	57.23	1.72	58.95	68.20	-9.25	peak
11	6199.200	58.88	2.69	61.57	68.20	-6.63	peak

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

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

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

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

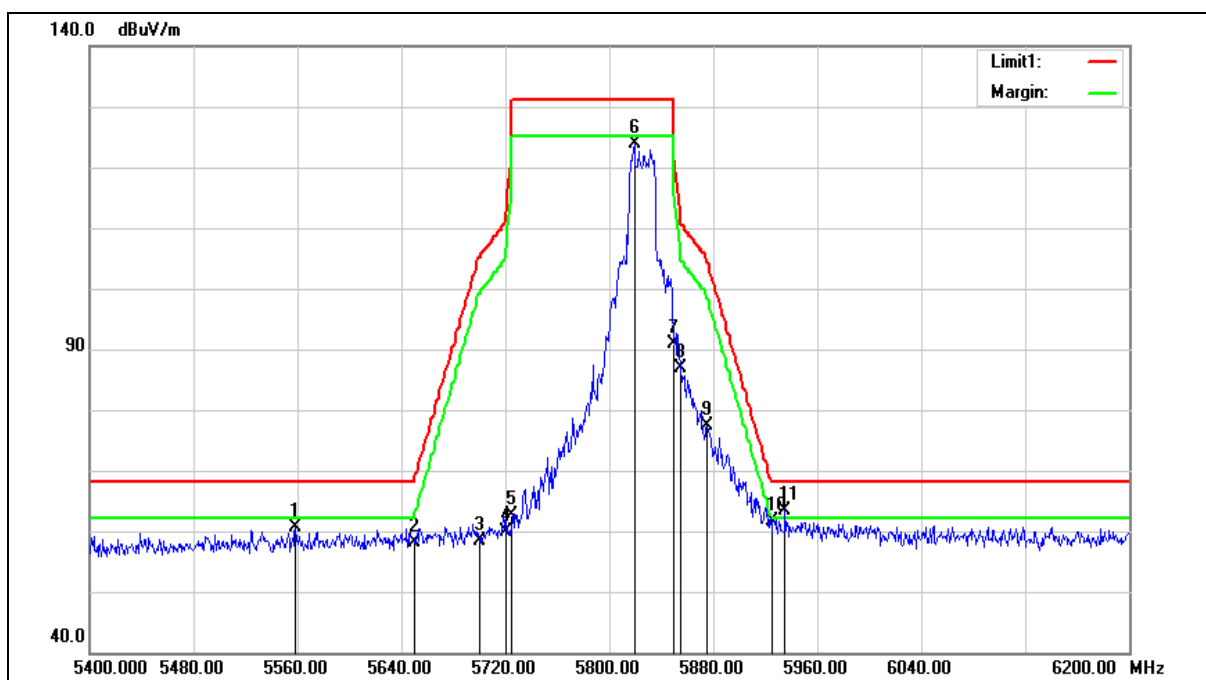
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5640.000	58.78	0.96	59.74	68.20	-8.46	peak
2	5650.000	58.08	0.97	59.05	68.20	-9.15	peak
3	5700.000	57.65	1.11	58.76	105.20	-46.44	peak
4	5720.000	57.57	1.17	58.74	110.80	-52.06	peak
5	5725.000	56.80	1.18	57.98	122.20	-64.22	peak
6	5826.400	110.44	1.45	111.89	131.20	-19.31	peak
7	5850.000	80.87	1.52	82.39	122.20	-39.81	peak
8	5855.000	76.90	1.53	78.43	110.80	-32.37	peak
9	5875.000	63.56	1.59	65.15	105.20	-40.05	peak
10	5925.000	58.22	1.72	59.94	68.20	-8.26	peak
11	6056.000	60.25	2.14	62.39	68.20	-5.81	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:	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		

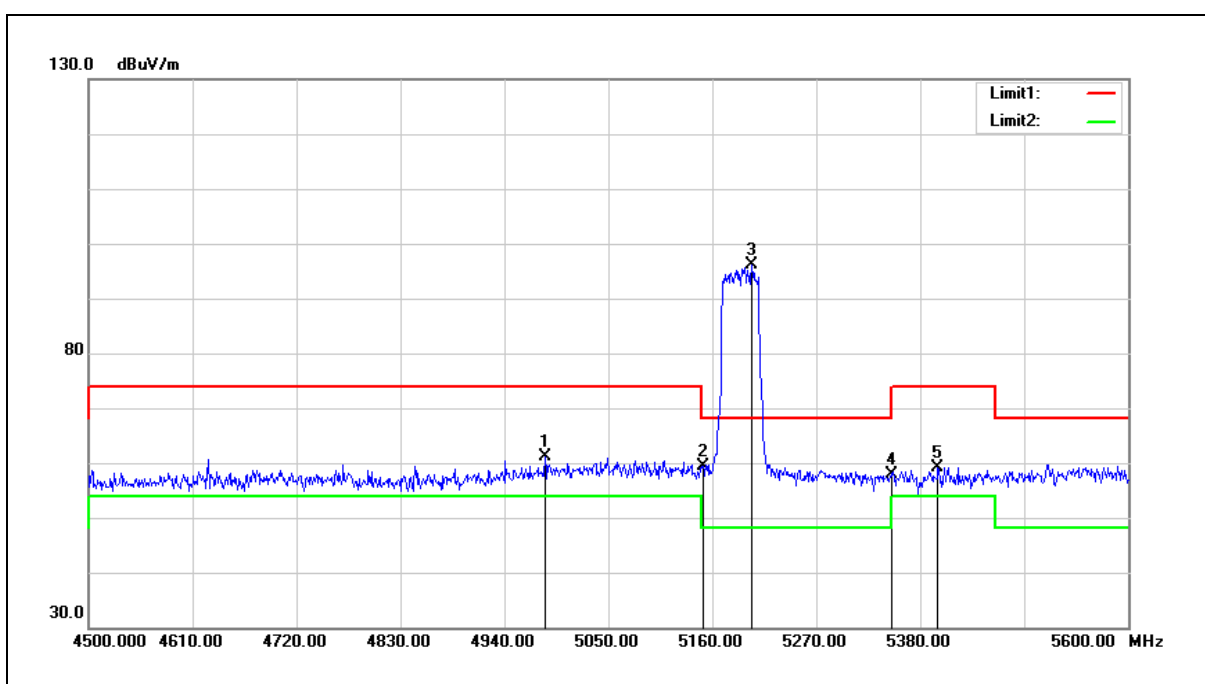
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5558.400	59.84	0.73	60.57	68.20	-7.63	peak
2	5650.000	57.17	0.97	58.14	68.20	-10.06	peak
3	5700.000	57.22	1.11	58.33	105.20	-46.87	peak
4	5720.000	58.59	1.17	59.76	110.80	-51.04	peak
5	5725.000	61.33	1.18	62.51	122.20	-59.69	peak
6	5819.200	122.50	1.43	123.93	131.20	-7.27	peak
7	5850.000	89.46	1.52	90.98	122.20	-31.22	peak
8	5855.000	85.25	1.53	86.78	110.80	-24.02	peak
9	5875.000	75.77	1.59	77.36	105.20	-27.84	peak
10	5925.000	59.81	1.72	61.53	68.20	-6.67	peak
11	5935.200	61.53	1.74	63.27	68.20	-4.93	peak

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

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

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

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



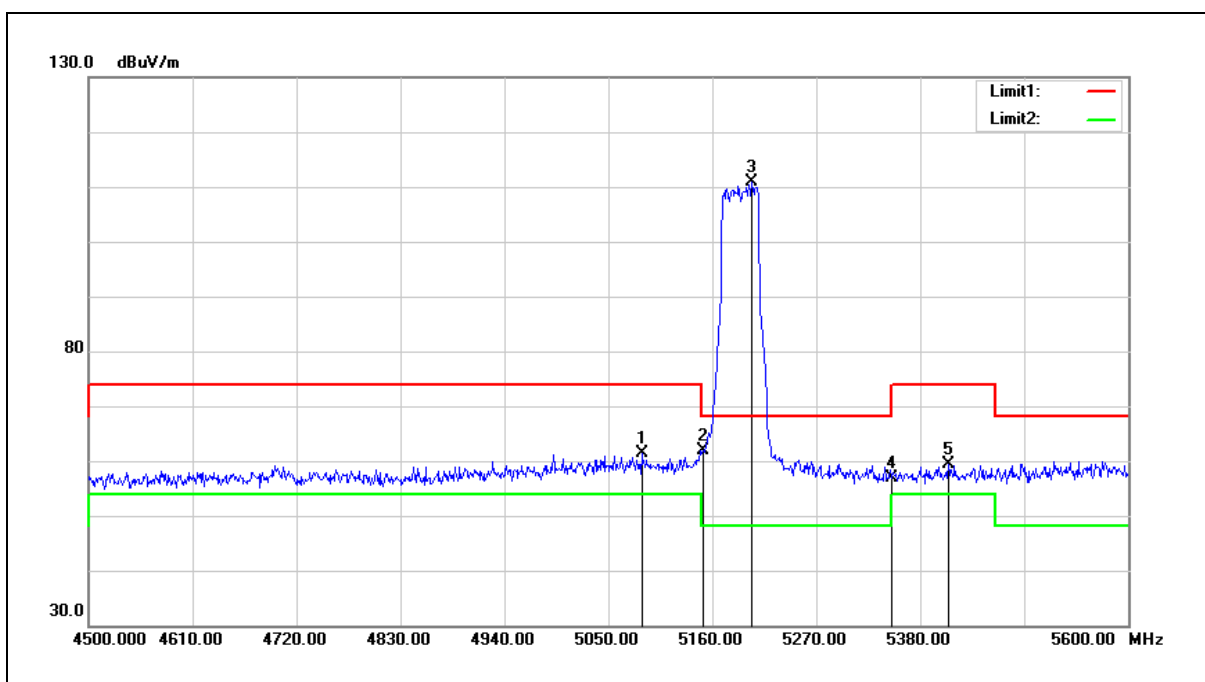
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4982.900	61.59	-0.42	61.17	74.00	-12.83	peak
2	5150.000	59.46	-0.08	59.38	74.00	-14.62	peak
3	5201.800	95.99	0.02	96.01	68.20	27.81	peak
4	5350.000	57.54	0.30	57.84	74.00	-16.16	peak
5	5398.700	58.83	0.39	59.22	74.00	-14.78	peak

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

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

3.When the peak results are 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		



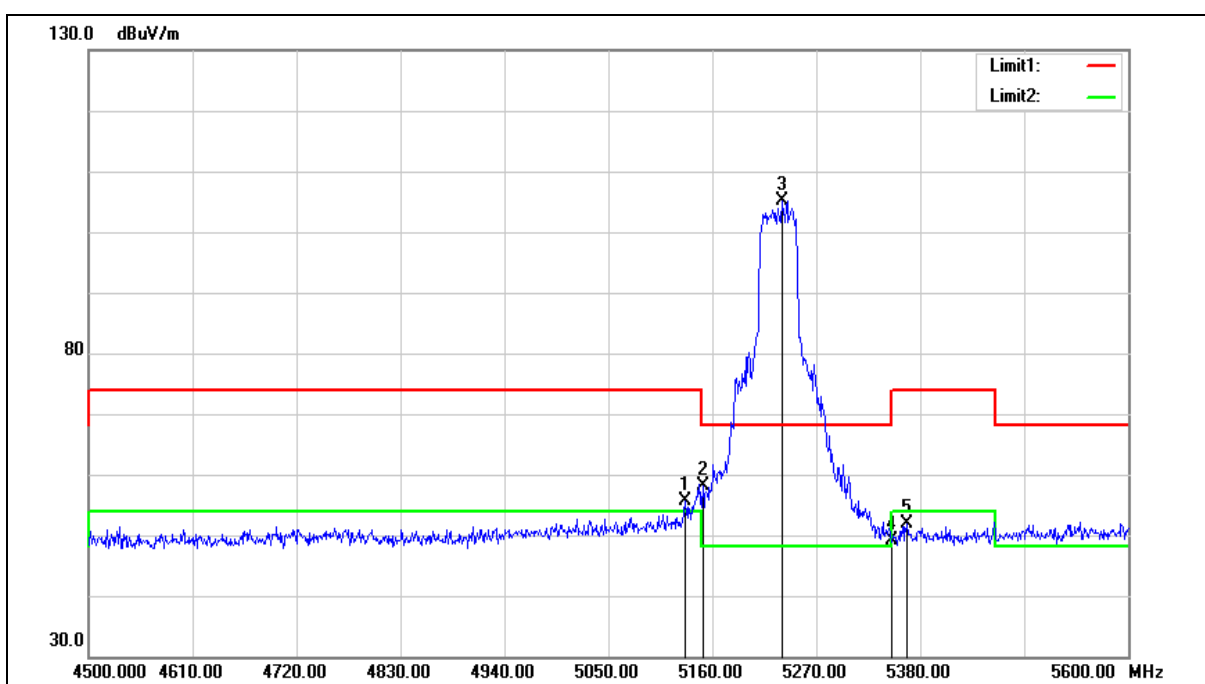
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5085.200	61.49	-0.20	61.29	74.00	-12.71	peak
2	5150.000	61.84	-0.08	61.76	74.00	-12.24	peak
3	5201.800	110.74	0.02	110.76	68.20	42.56	peak
4	5350.000	56.67	0.30	56.97	74.00	-17.03	peak
5	5409.700	59.04	0.41	59.45	74.00	-14.55	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:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



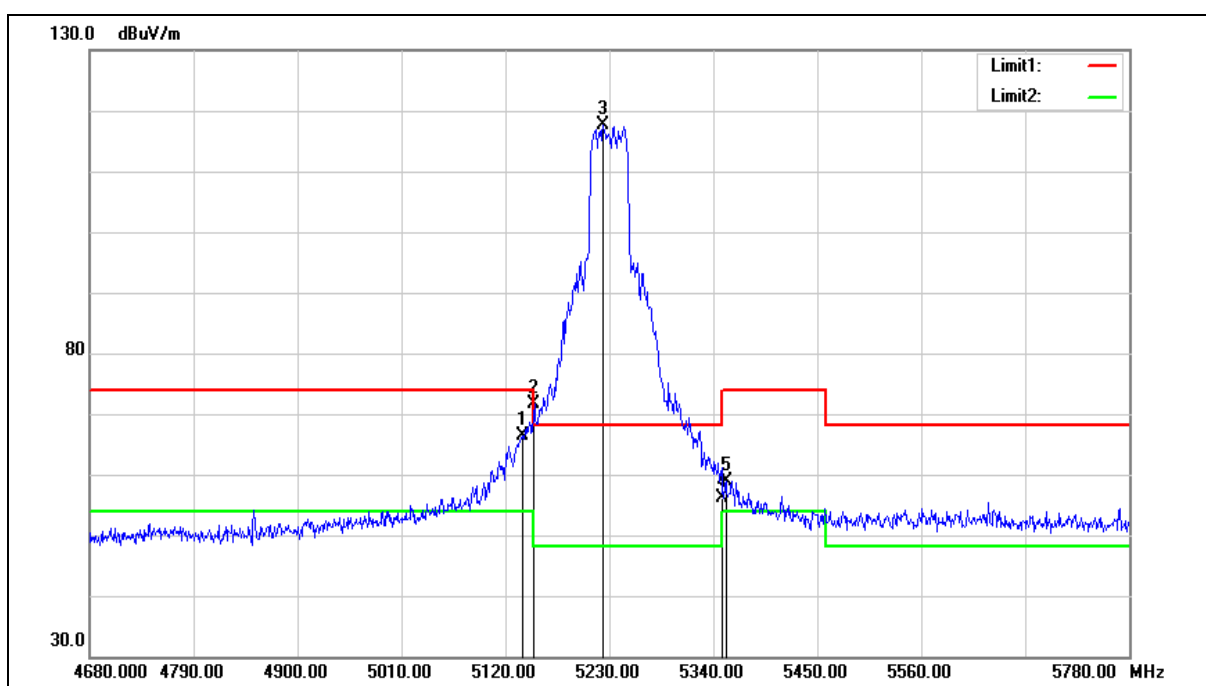
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5131.400	55.47	0.24	55.71	74.00	-18.29	peak
2	5150.000	57.82	0.27	58.09	74.00	-15.91	peak
3	5233.700	105.26	-0.04	105.22	68.20	37.02	peak
4	5350.000	49.22	-0.12	49.10	74.00	-24.90	peak
5	5365.700	51.78	0.02	51.80	74.00	-22.20	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:	5230 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



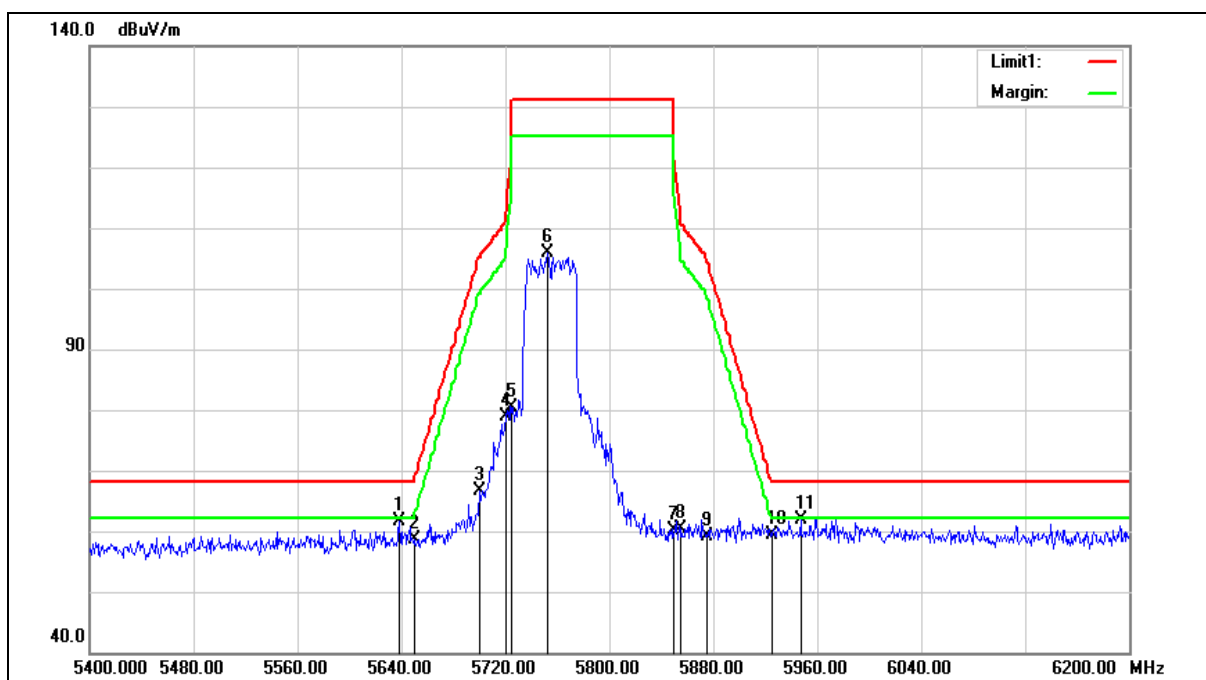
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.700	66.23	0.26	66.49	74.00	-7.51	peak
2	5150.000	71.24	0.27	71.51	74.00	-2.49	peak
3	5223.400	117.61	0.01	117.62	68.20	49.42	peak
4	5350.000	56.20	-0.12	56.08	74.00	-17.92	peak
5	5353.200	58.96	-0.09	58.87	74.00	-15.13	peak

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

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

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

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

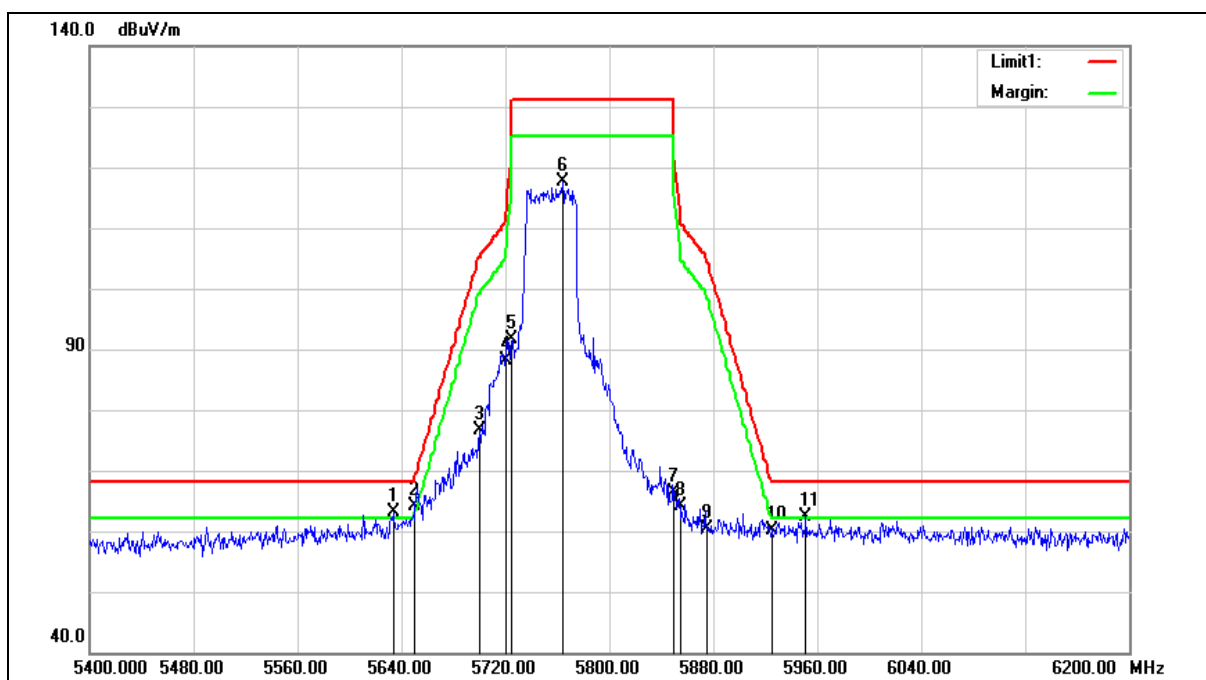
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5638.400	60.62	0.96	61.58	68.20	-6.62	peak
2	5650.000	57.70	0.97	58.67	68.20	-9.53	peak
3	5700.000	65.40	1.11	66.51	105.20	-38.69	peak
4	5720.000	77.62	1.17	78.79	110.80	-32.01	peak
5	5725.000	79.25	1.18	80.43	122.20	-41.77	peak
6	5752.000	104.69	1.25	105.94	131.20	-25.26	peak
7	5850.000	58.57	1.52	60.09	122.20	-62.11	peak
8	5855.000	58.89	1.53	60.42	110.80	-50.38	peak
9	5875.000	57.57	1.59	59.16	105.20	-46.04	peak
10	5925.000	57.65	1.72	59.37	68.20	-8.83	peak
11	5947.200	60.14	1.78	61.92	68.20	-6.28	peak

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

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

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

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

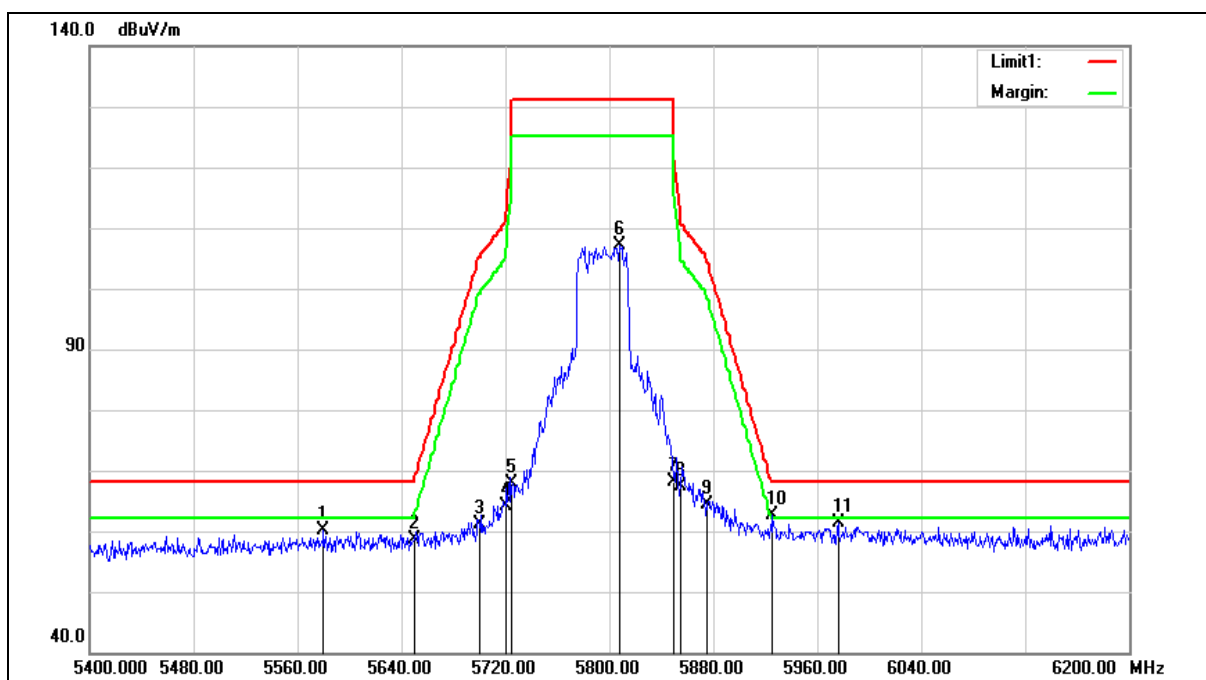
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5633.600	62.30	0.93	63.23	68.20	-4.97	peak
2	5650.000	63.10	0.97	64.07	68.20	-4.13	peak
3	5700.000	75.63	1.11	76.74	105.20	-28.46	peak
4	5720.000	87.08	1.17	88.25	110.80	-22.55	peak
5	5725.000	90.43	1.18	91.61	122.20	-30.59	peak
6	5764.000	116.34	1.29	117.63	131.20	-13.57	peak
7	5850.000	64.98	1.52	66.50	122.20	-55.70	peak
8	5855.000	62.59	1.53	64.12	110.80	-46.68	peak
9	5875.000	58.79	1.59	60.38	105.20	-44.82	peak
10	5925.000	58.40	1.72	60.12	68.20	-8.08	peak
11	5951.200	60.65	1.78	62.43	68.20	-5.77	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 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		

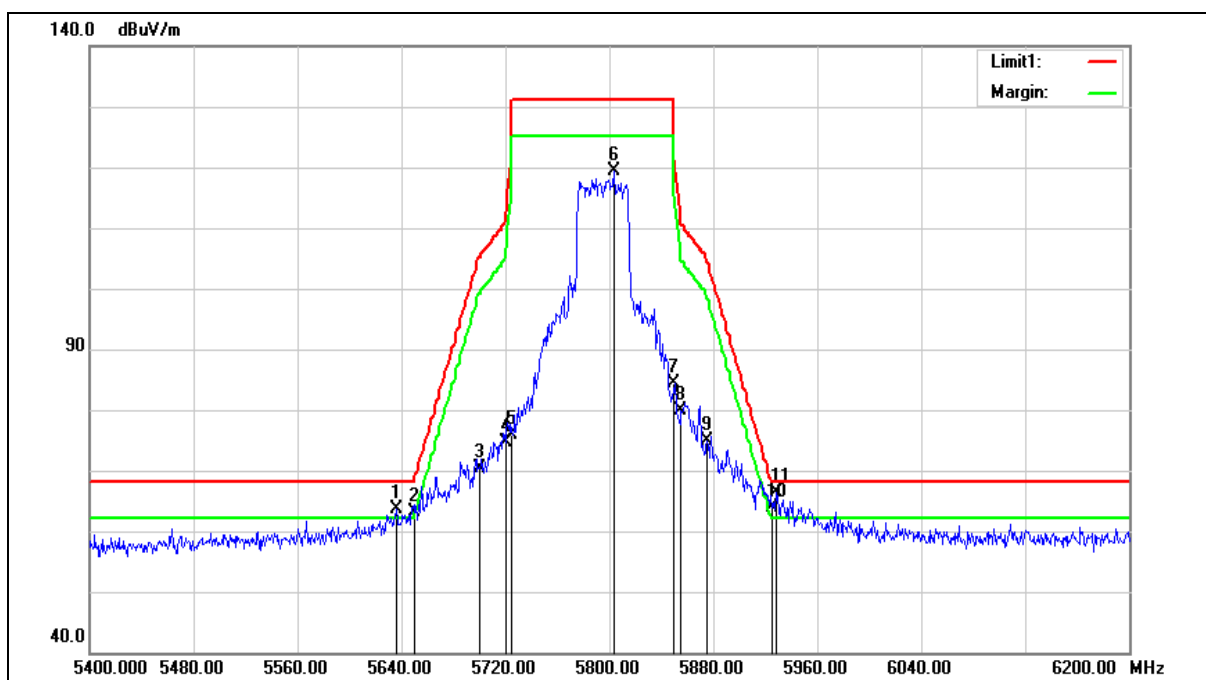
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5580.000	59.32	0.79	60.11	68.20	-8.09	peak
2	5650.000	57.62	0.97	58.59	68.20	-9.61	peak
3	5700.000	60.11	1.11	61.22	105.20	-43.98	peak
4	5720.000	62.91	1.17	64.08	110.80	-46.72	peak
5	5725.000	66.67	1.18	67.85	122.20	-54.35	peak
6	5808.000	105.73	1.40	107.13	131.20	-24.07	peak
7	5850.000	66.69	1.52	68.21	122.20	-53.99	peak
8	5855.000	65.79	1.53	67.32	110.80	-43.48	peak
9	5875.000	62.81	1.59	64.40	105.20	-40.80	peak
10	5925.000	60.83	1.72	62.55	68.20	-5.65	peak
11	5976.000	59.43	1.85	61.28	68.20	-6.92	peak

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

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

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

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

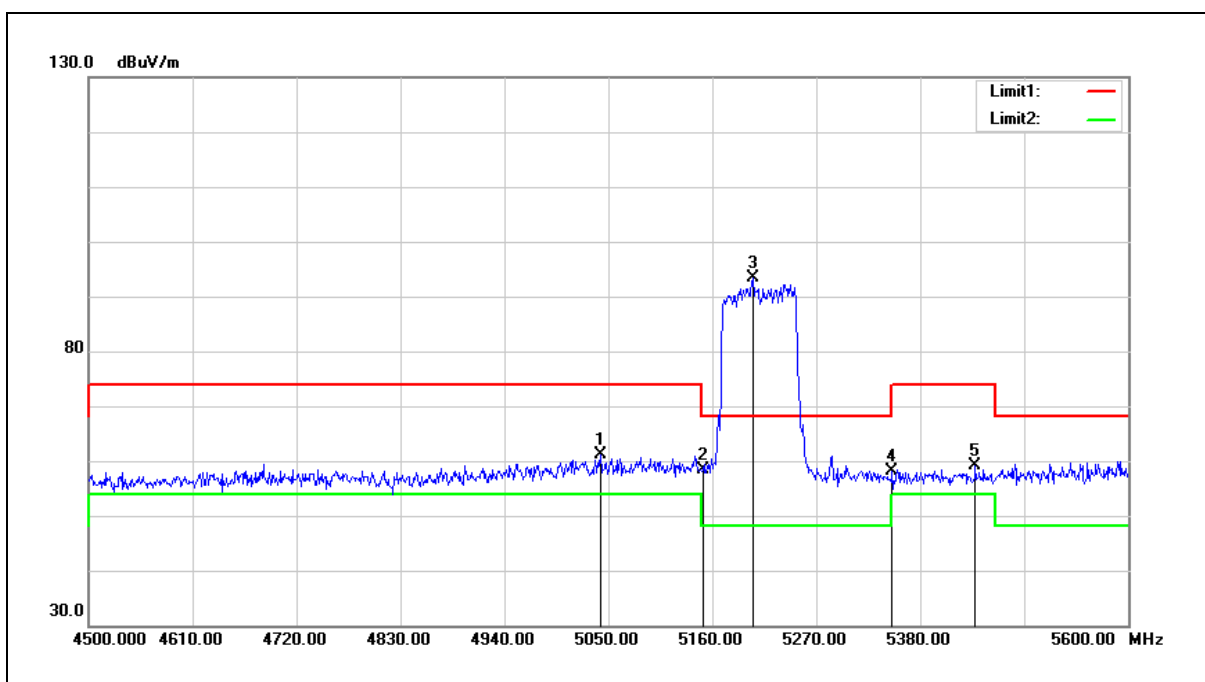
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5636.000	62.58	0.93	63.51	68.20	-4.69	peak
2	5650.000	62.13	0.97	63.10	68.20	-5.10	peak
3	5700.000	69.36	1.11	70.47	105.20	-34.73	peak
4	5720.000	73.41	1.17	74.58	110.80	-36.22	peak
5	5725.000	74.79	1.18	75.97	122.20	-46.23	peak
6	5803.200	117.90	1.39	119.29	131.20	-11.91	peak
7	5850.000	82.91	1.52	84.43	122.20	-37.77	peak
8	5855.000	78.33	1.53	79.86	110.80	-30.94	peak
9	5875.000	73.30	1.59	74.89	105.20	-30.31	peak
10	5925.000	62.25	1.72	63.97	68.20	-4.23	peak
11	5928.000	64.72	1.73	66.45	68.20	-1.75	peak

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

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

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

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



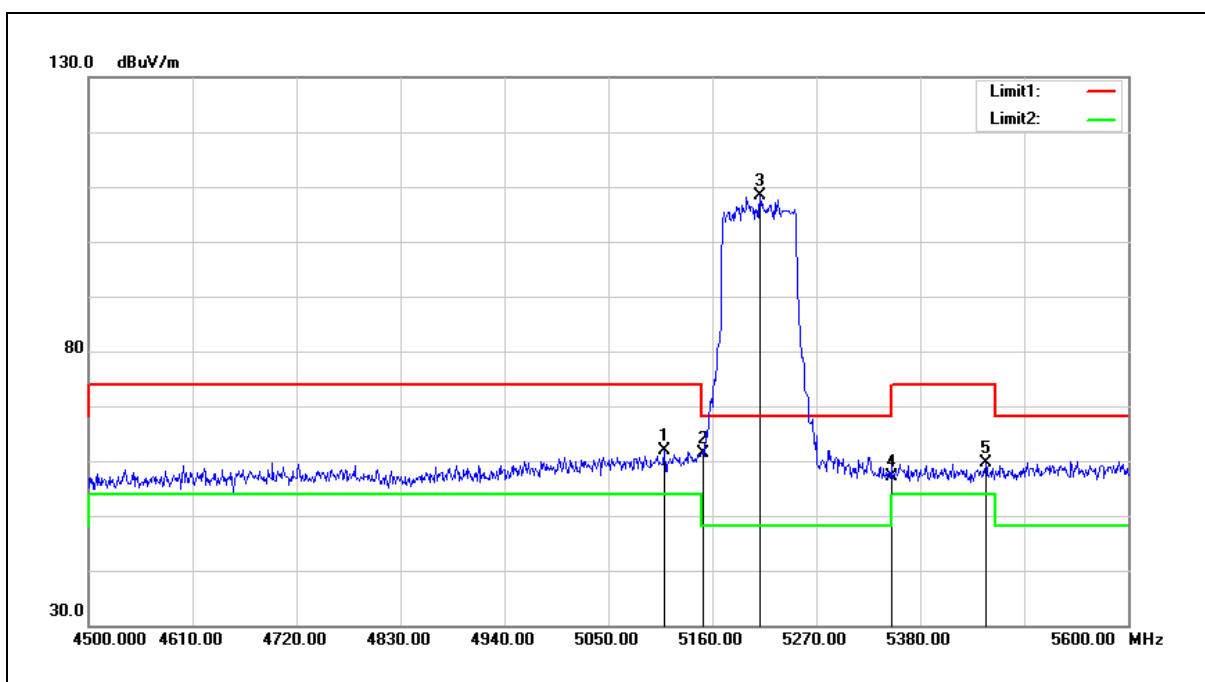
No.	Frequency (MHz)	Reading (dBUV)	Correct Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark
1	5041.200	61.38	-0.29	61.09	74.00	-12.91	peak
2	5150.000	58.34	-0.08	58.26	74.00	-15.74	peak
3	5202.900	93.36	0.02	93.38	68.20	25.18	peak
4	5350.000	57.71	0.30	58.01	74.00	-15.99	peak
5	5438.300	58.63	0.46	59.09	74.00	-14.91	peak

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

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

3.When the peak results are 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		



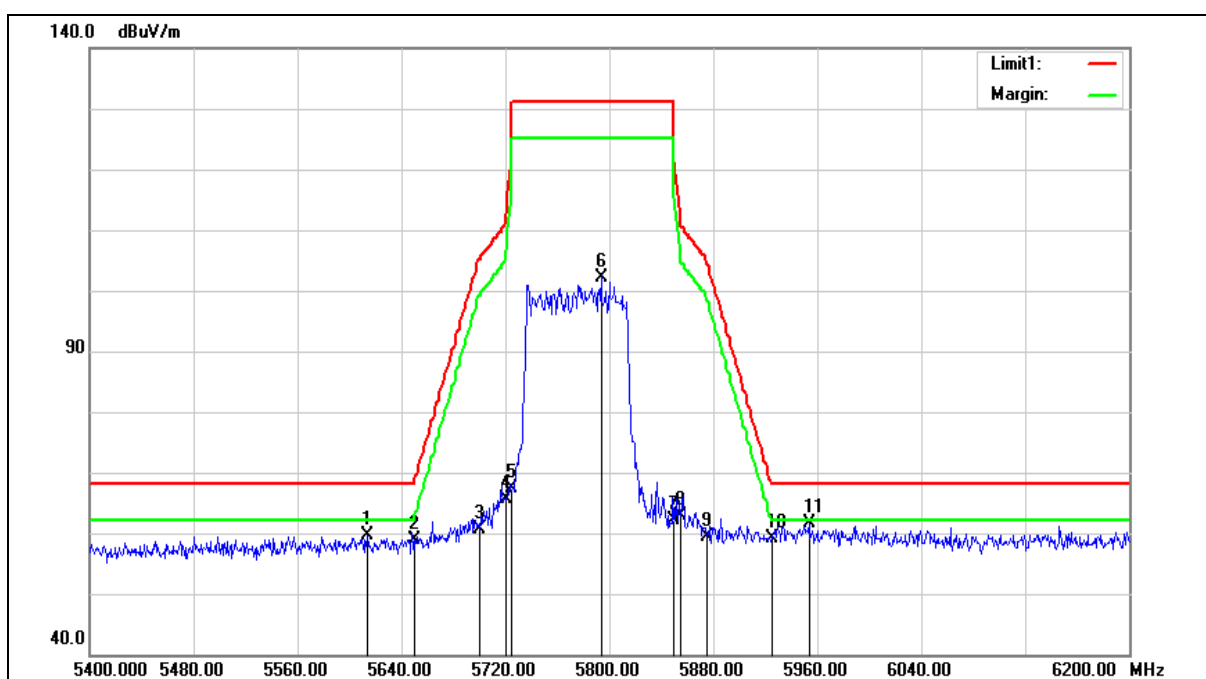
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5109.400	61.96	-0.15	61.81	74.00	-12.19	peak
2	5150.000	61.53	-0.08	61.45	74.00	-12.55	peak
3	5210.600	108.45	0.03	108.48	68.20	40.28	peak
4	5350.000	56.72	0.30	57.02	74.00	-16.98	peak
5	5449.300	59.15	0.48	59.63	74.00	-14.37	peak

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

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

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

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

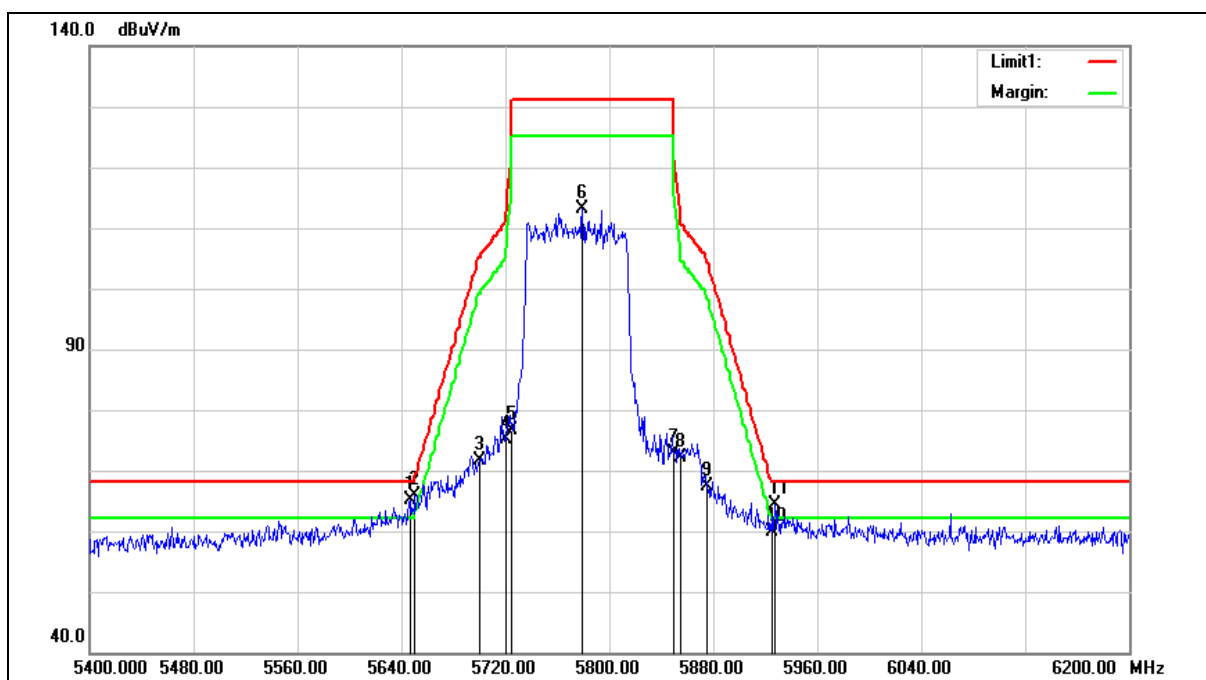
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5613.600	58.79	0.89	59.68	68.20	-8.52	peak
2	5650.000	57.93	0.97	58.90	68.20	-9.30	peak
3	5700.000	59.54	1.11	60.65	105.20	-44.55	peak
4	5720.000	64.39	1.17	65.56	110.80	-45.24	peak
5	5725.000	66.31	1.18	67.49	122.20	-54.71	peak
6	5793.600	100.89	1.36	102.25	131.20	-28.95	peak
7	5850.000	60.61	1.52	62.13	122.20	-60.07	peak
8	5855.000	61.38	1.53	62.91	110.80	-47.89	peak
9	5875.000	57.68	1.59	59.27	105.20	-45.93	peak
10	5925.000	57.40	1.72	59.12	68.20	-9.08	peak
11	5953.600	59.76	1.79	61.55	68.20	-6.65	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	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	5647.200	64.26	0.97	65.23	68.20	-2.97	peak
2	5650.000	64.81	0.97	65.78	68.20	-2.42	peak
3	5700.000	70.52	1.11	71.63	105.20	-33.57	peak
4	5720.000	73.93	1.17	75.10	110.80	-35.70	peak
5	5725.000	75.42	1.18	76.60	122.20	-45.60	peak
6	5779.200	111.73	1.33	113.06	131.20	-18.14	peak
7	5850.000	71.28	1.52	72.80	122.20	-49.40	peak
8	5855.000	70.49	1.53	72.02	110.80	-38.78	peak
9	5875.000	65.82	1.59	67.41	105.20	-37.79	peak
10	5925.000	58.07	1.72	59.79	68.20	-8.41	peak
11	5927.200	62.57	1.72	64.29	68.20	-3.91	peak

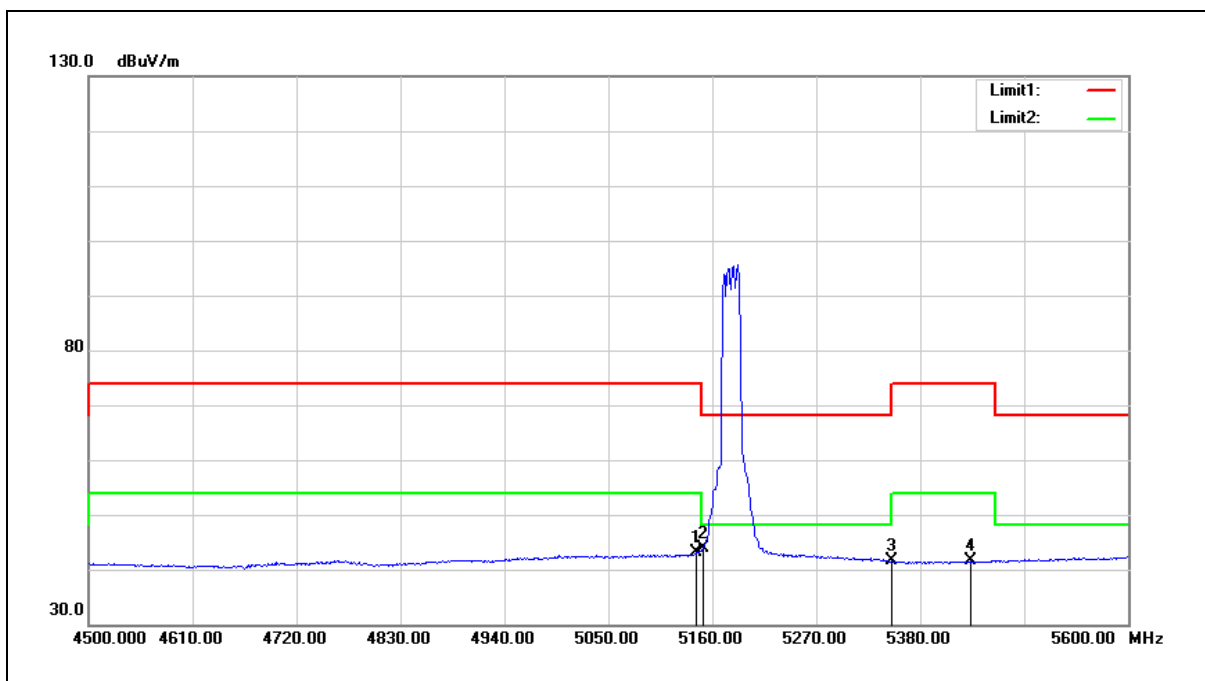
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + 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		



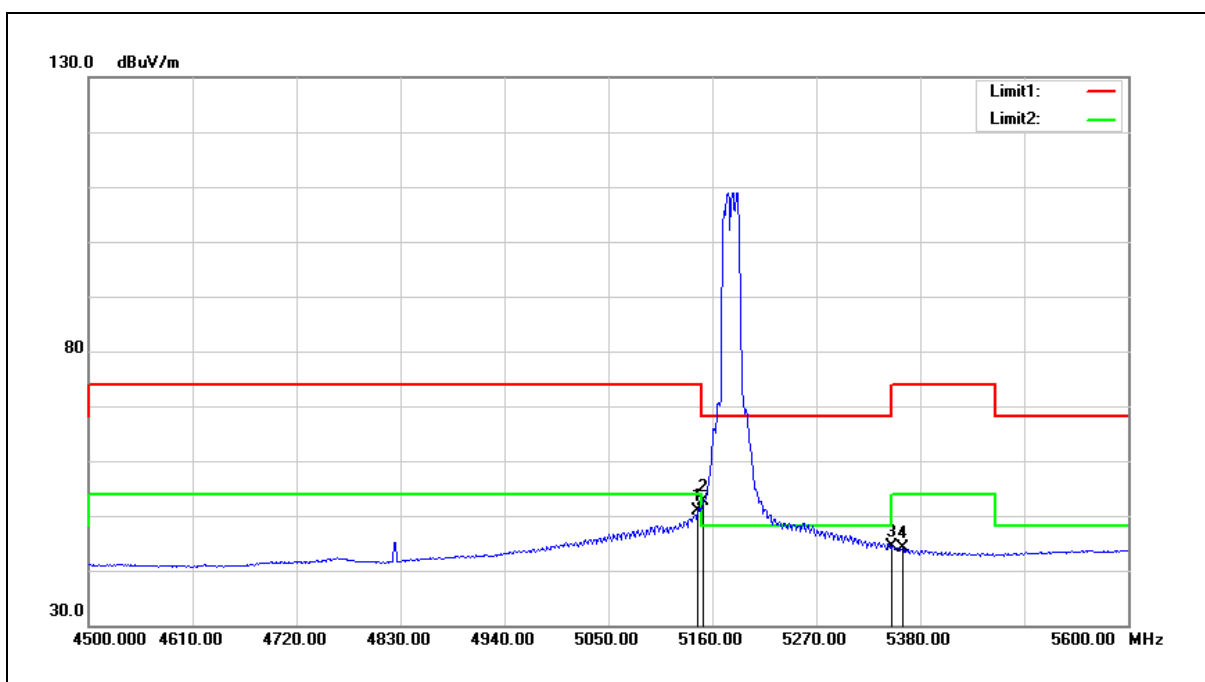
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.400	43.12	-0.10	43.02	54.00	-10.98	AVG
2	5150.000	43.93	-0.08	43.85	54.00	-10.15	AVG
3	5350.000	41.23	0.30	41.53	54.00	-12.47	AVG
4	5432.800	41.08	0.46	41.54	54.00	-12.46	AVG

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

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

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

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



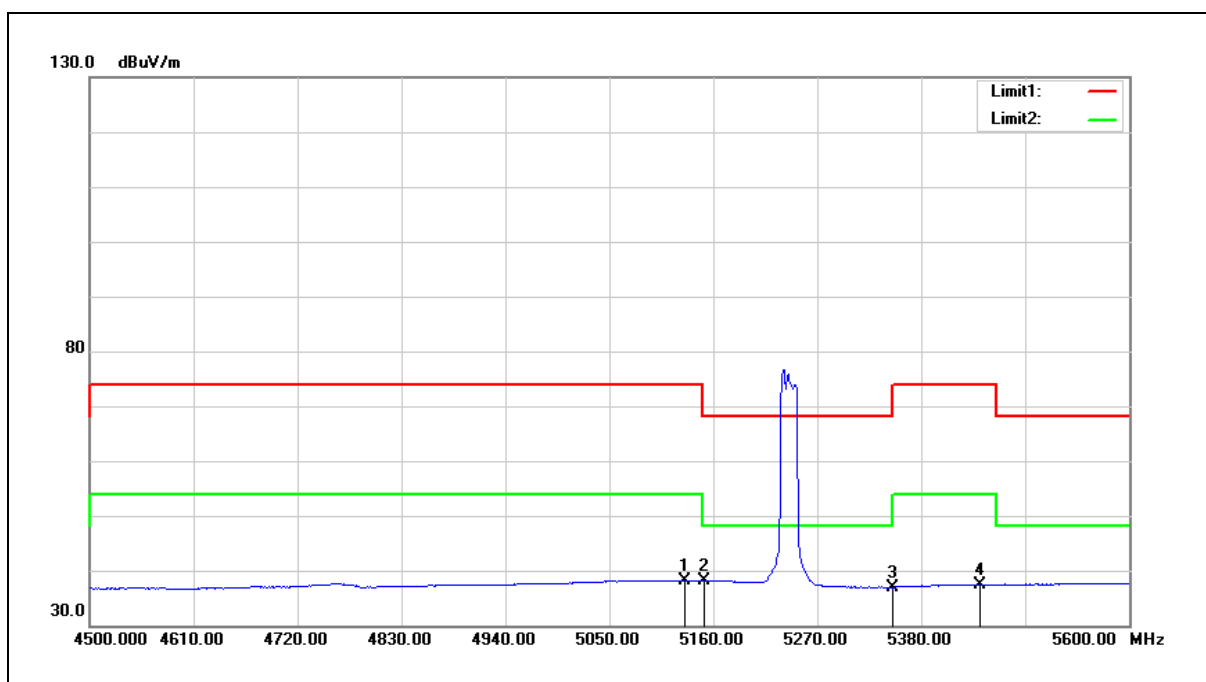
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.600	50.85	-0.08	50.77	54.00	-3.23	AVG
2	5150.000	52.75	-0.08	52.67	54.00	-1.33	AVG
3	5350.000	44.09	0.30	44.39	54.00	-9.61	AVG
4	5361.300	43.91	0.31	44.22	54.00	-9.78	AVG

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

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

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

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



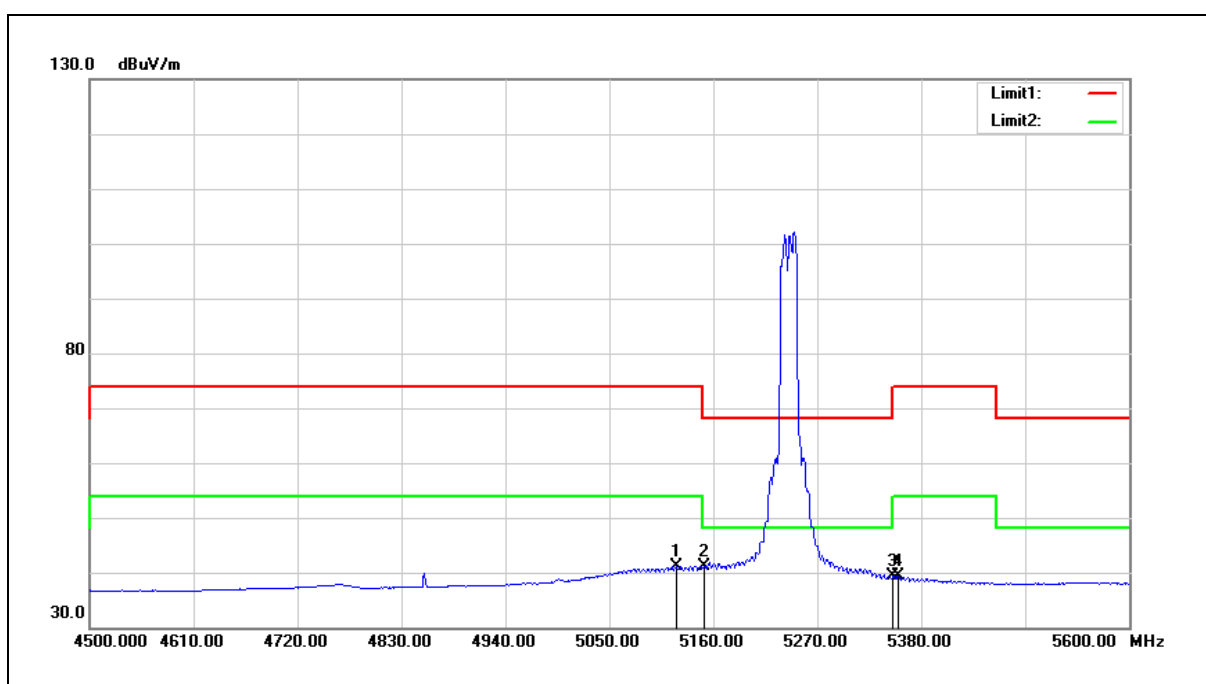
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5130.300	37.99	0.24	38.23	54.00	-15.77	AVG
2	5150.000	37.82	0.27	38.09	54.00	-15.91	AVG
3	5350.000	37.10	-0.12	36.98	54.00	-17.02	AVG
4	5442.700	36.91	0.47	37.38	54.00	-16.62	AVG

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		



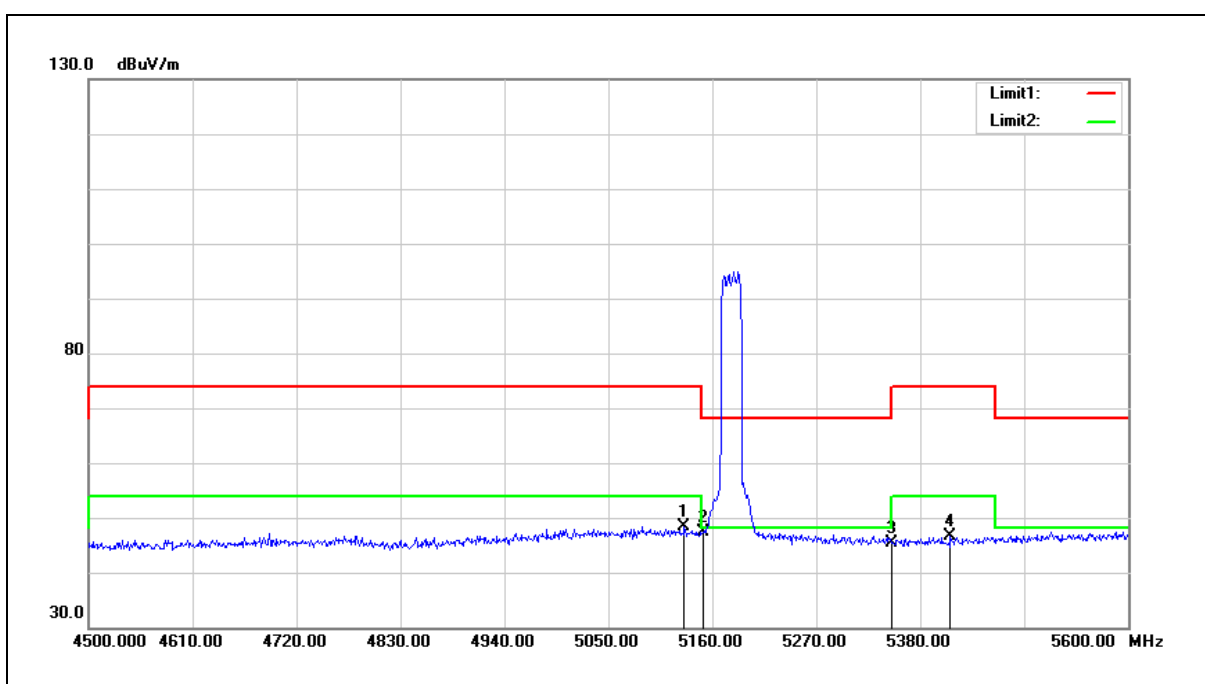
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5121.500	40.85	0.24	41.09	54.00	-12.91	AVG
2	5150.000	40.84	0.27	41.11	54.00	-12.89	AVG
3	5350.000	39.41	-0.12	39.29	54.00	-14.71	AVG
4	5355.800	39.38	-0.06	39.32	54.00	-14.68	AVG

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		



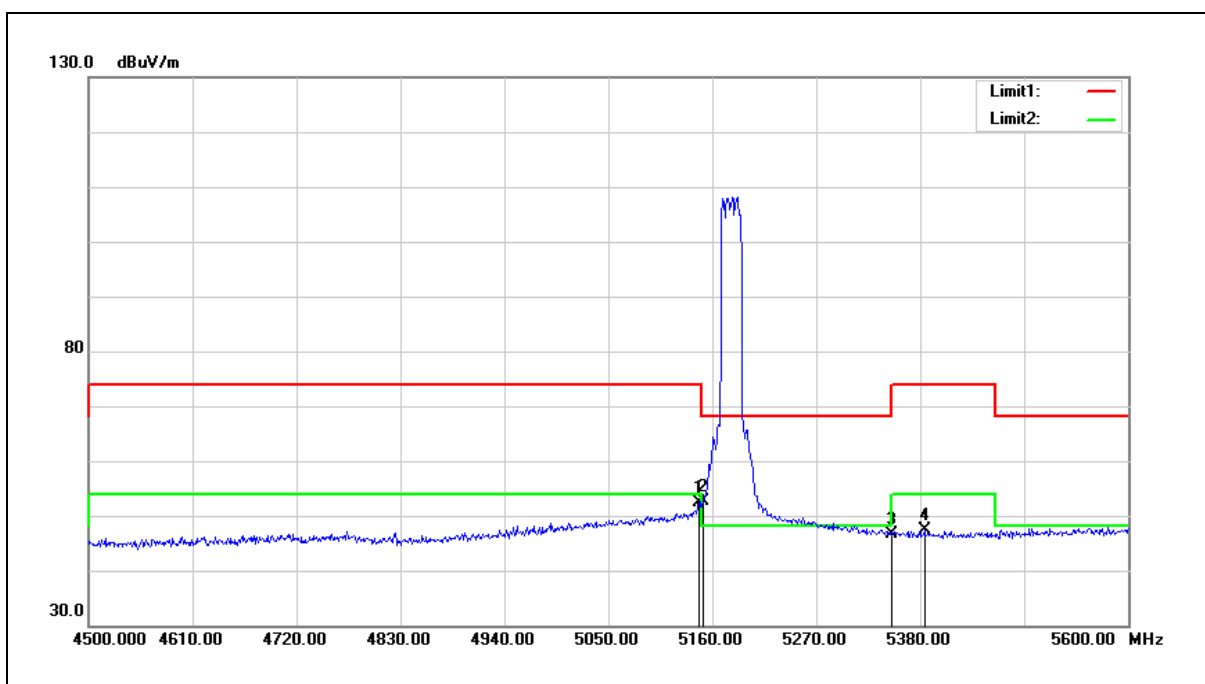
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5130.300	48.46	-0.12	48.34	54.00	-5.66	AVG
2	5150.000	47.56	-0.08	47.48	54.00	-6.52	AVG
3	5350.000	45.01	0.30	45.31	54.00	-8.69	AVG
4	5411.900	46.19	0.41	46.60	54.00	-7.40	AVG

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

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

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

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



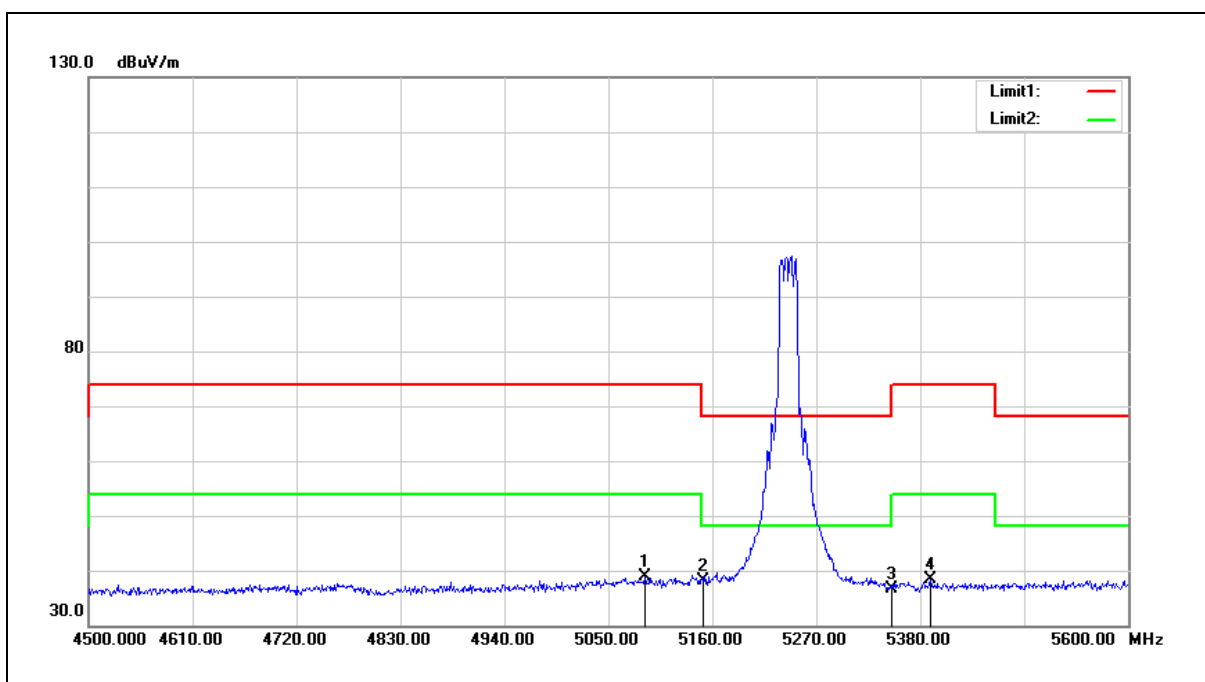
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	52.41	-0.08	52.33	54.00	-1.67	AVG
2	5150.000	52.68	-0.08	52.60	54.00	-1.40	AVG
3	5350.000	46.42	0.30	46.72	54.00	-7.28	AVG
4	5384.400	46.96	0.36	47.32	54.00	-6.68	AVG

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		



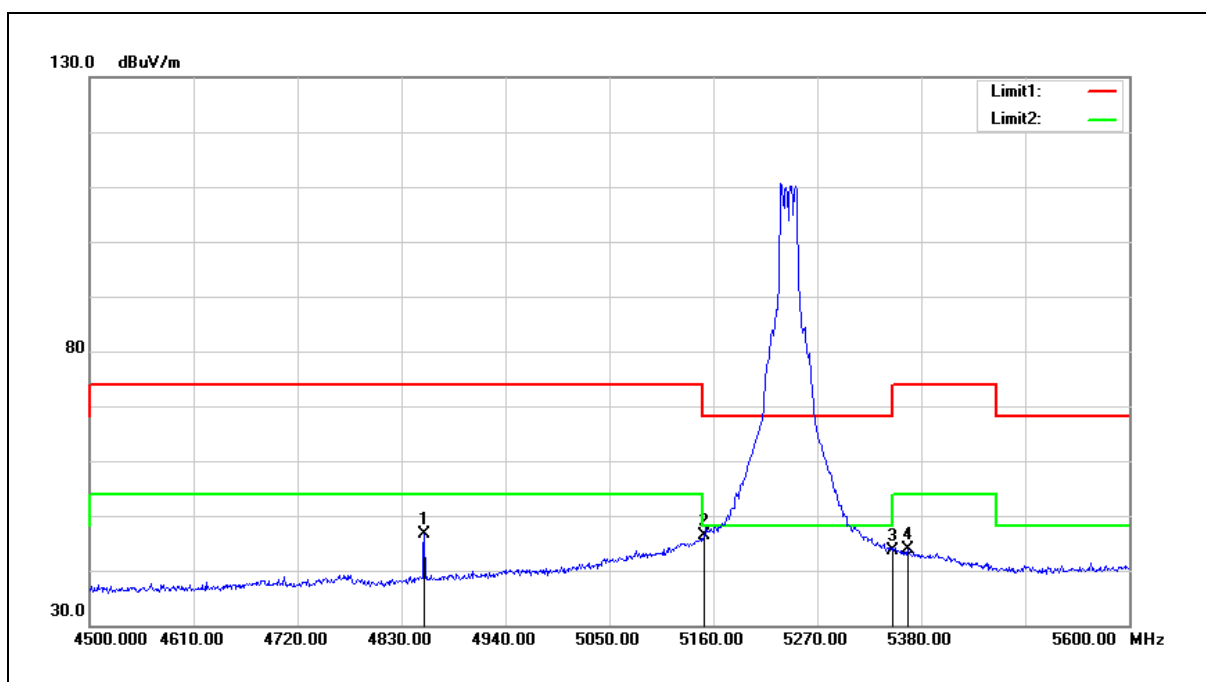
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5088.500	38.81	0.15	38.96	54.00	-15.04	AVG
2	5150.000	37.85	0.27	38.12	54.00	-15.88	AVG
3	5350.000	36.84	-0.12	36.72	54.00	-17.28	AVG
4	5391.000	38.03	0.25	38.28	54.00	-15.72	AVG

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		



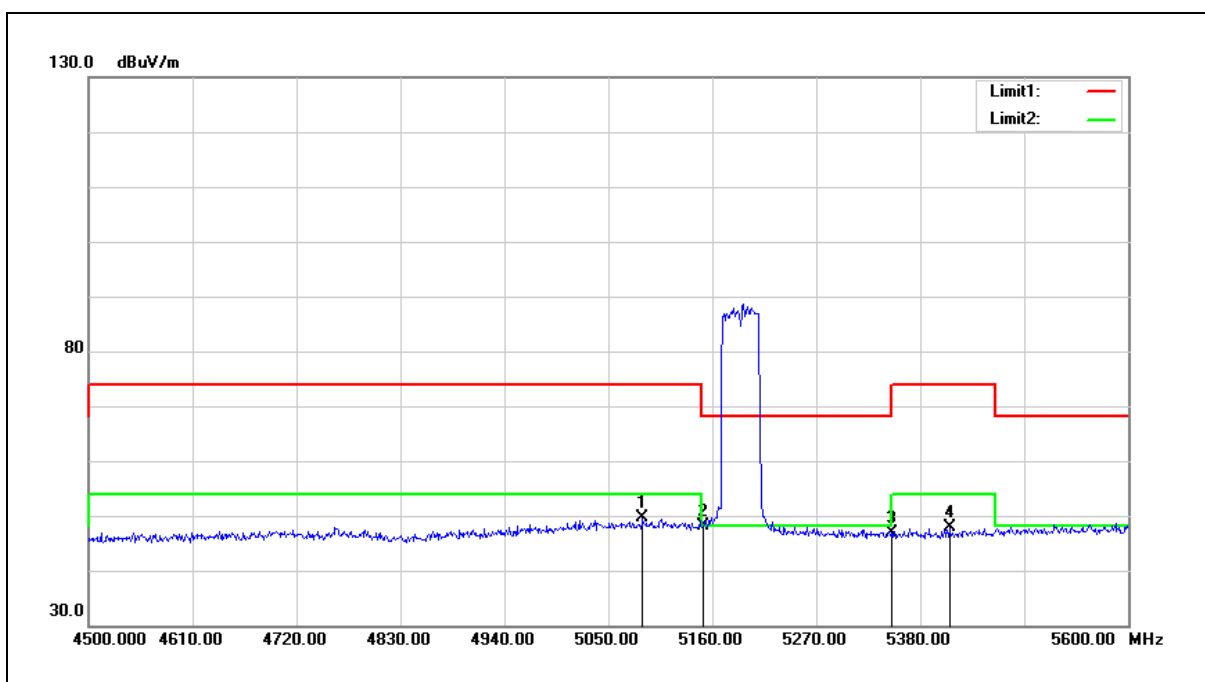
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4854.200	47.41	-0.83	46.58	54.00	-7.42	AVG
2	5150.000	46.02	0.27	46.29	54.00	-7.71	AVG
3	5350.000	43.81	-0.12	43.69	54.00	-10.31	AVG
4	5365.700	43.75	0.02	43.77	54.00	-10.23	AVG

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

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

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

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



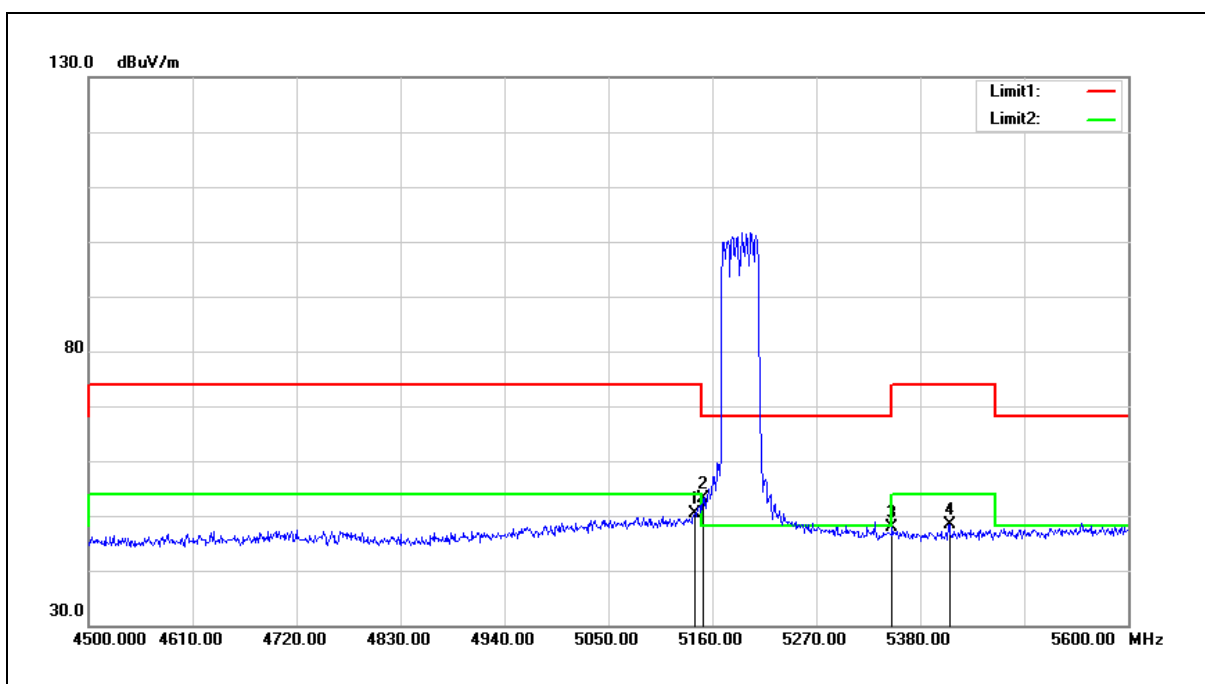
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5086.300	49.72	-0.20	49.52	54.00	-4.48	AVG
2	5150.000	48.12	-0.08	48.04	54.00	-5.96	AVG
3	5350.000	46.58	0.30	46.88	54.00	-7.12	AVG
4	5410.800	47.51	0.41	47.92	54.00	-6.08	AVG

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		



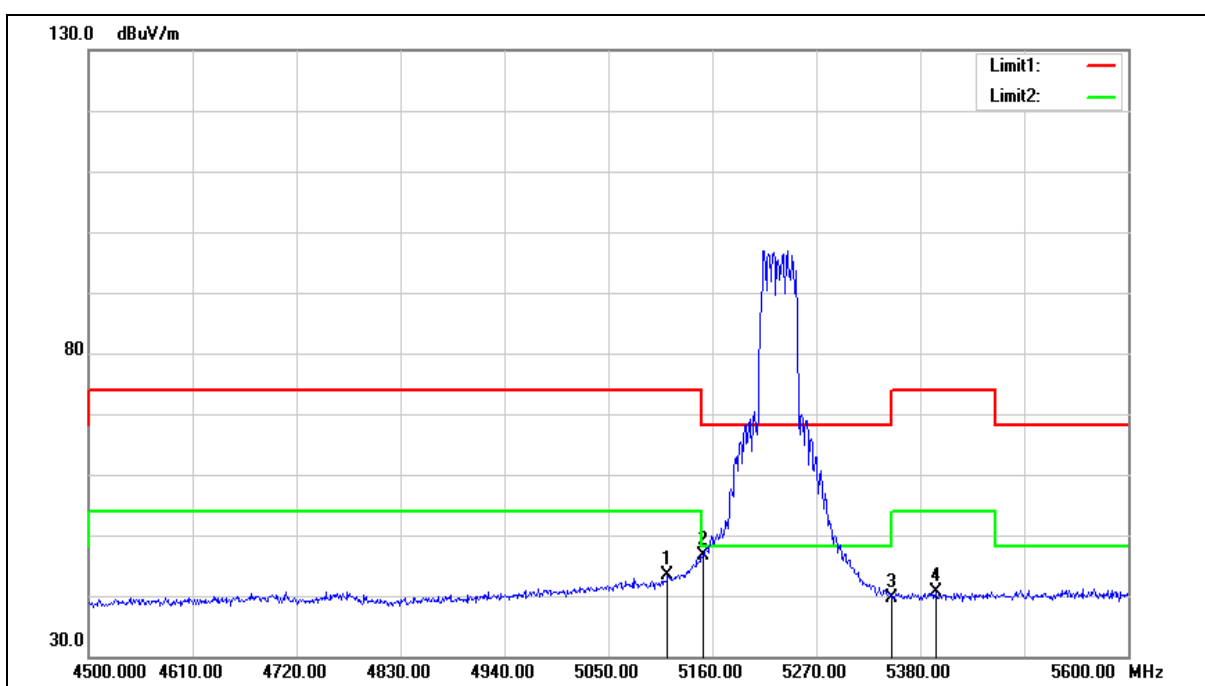
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.300	50.39	-0.10	50.29	54.00	-3.71	AVG
2	5150.000	53.17	-0.08	53.09	54.00	-0.91	AVG
3	5350.000	47.48	0.30	47.78	54.00	-6.22	AVG
4	5410.800	47.91	0.41	48.32	54.00	-5.68	AVG

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		



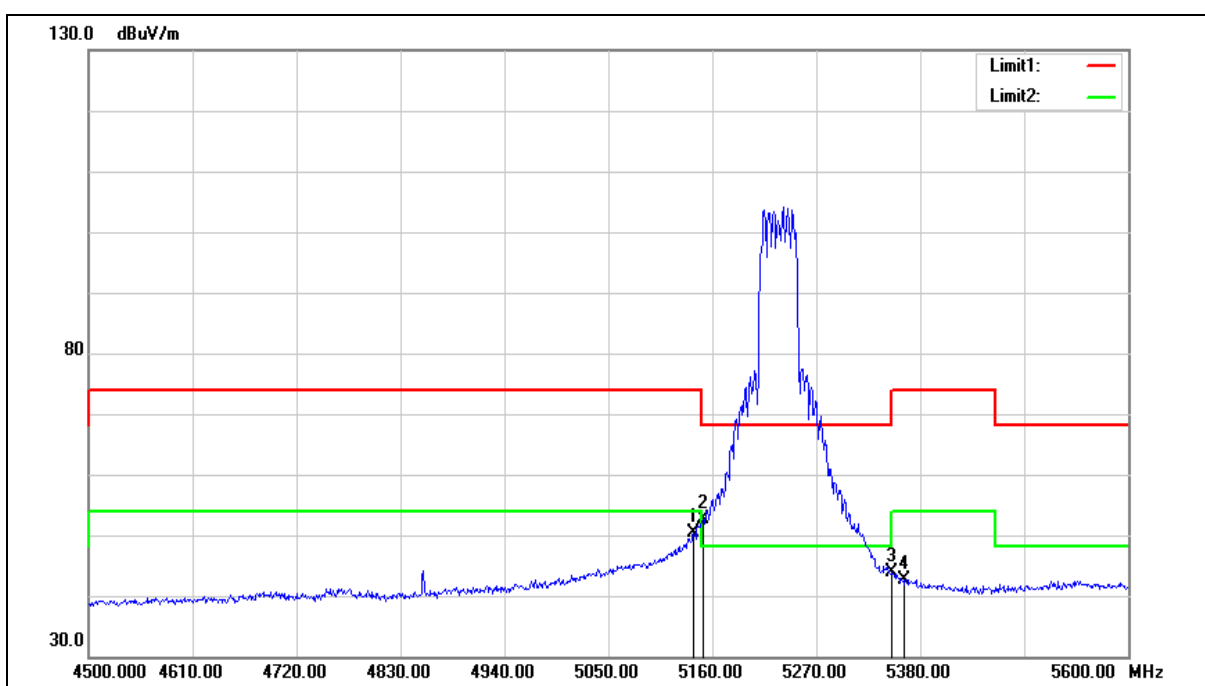
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5112.700	43.27	0.23	43.50	54.00	-10.50	AVG
2	5150.000	46.37	0.27	46.64	54.00	-7.36	AVG
3	5350.000	39.80	-0.12	39.68	54.00	-14.32	AVG
4	5396.500	40.35	0.30	40.65	54.00	-13.35	AVG

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

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

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

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



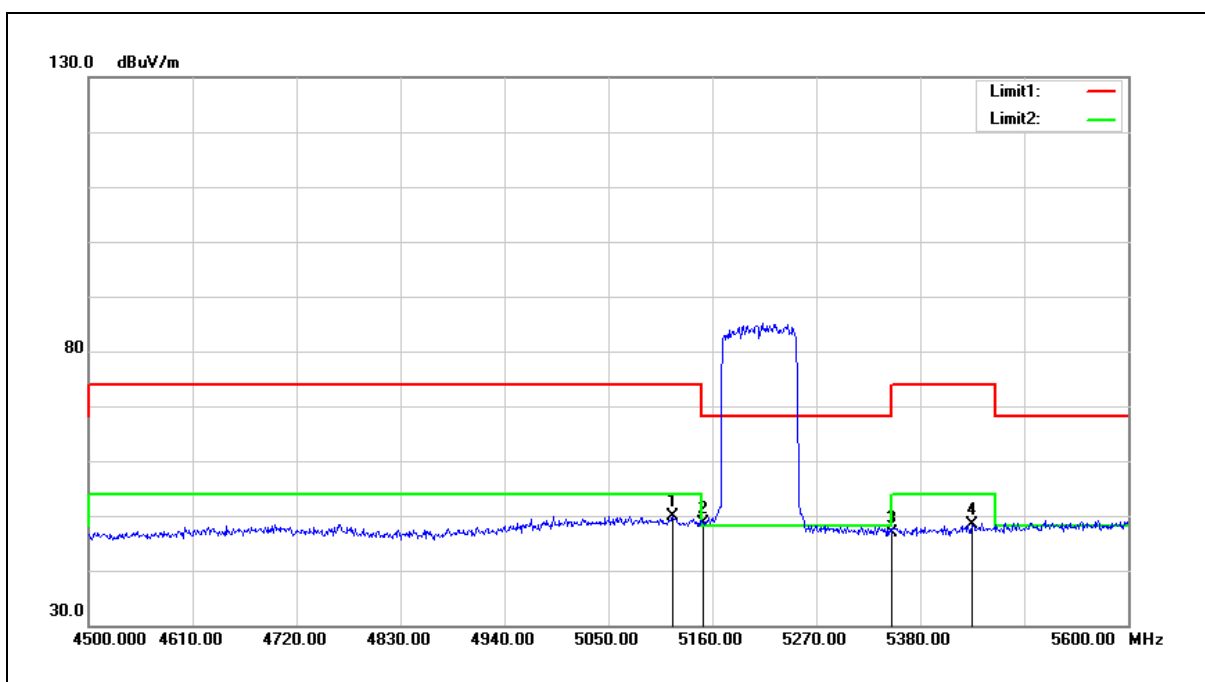
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5140.200	50.12	0.26	50.38	54.00	-3.62	AVG
2	5150.000	52.28	0.27	52.55	54.00	-1.45	AVG
3	5350.000	43.99	-0.12	43.87	54.00	-10.13	AVG
4	5362.400	42.64	-0.01	42.63	54.00	-11.37	AVG

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

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

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

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



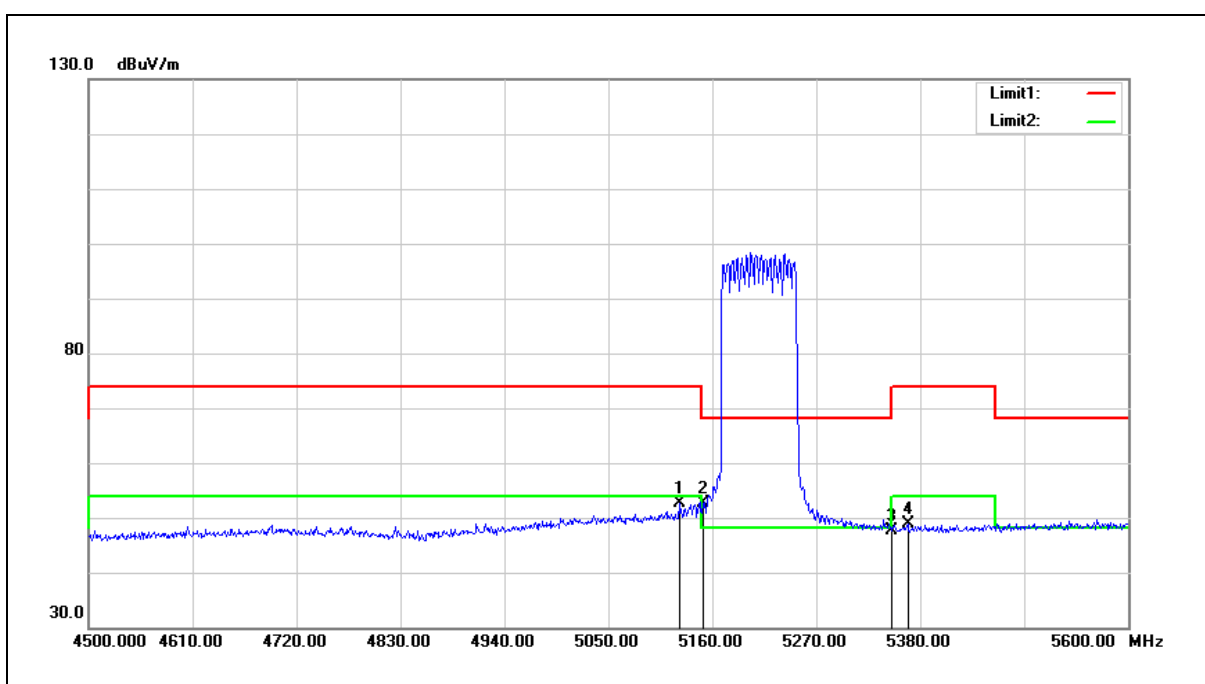
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5118.200	50.06	-0.14	49.92	54.00	-4.08	AVG
2	5150.000	48.63	-0.08	48.55	54.00	-5.45	AVG
3	5350.000	46.54	0.30	46.84	54.00	-7.16	AVG
4	5435.000	47.89	0.46	48.35	54.00	-5.65	AVG

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:	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	5124.800	52.71	-0.13	52.58	54.00	-1.42	AVG
2	5150.000	52.59	-0.08	52.51	54.00	-1.49	AVG
3	5350.000	47.21	0.30	47.51	54.00	-6.49	AVG
4	5366.800	48.54	0.32	48.86	54.00	-5.14	AVG

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

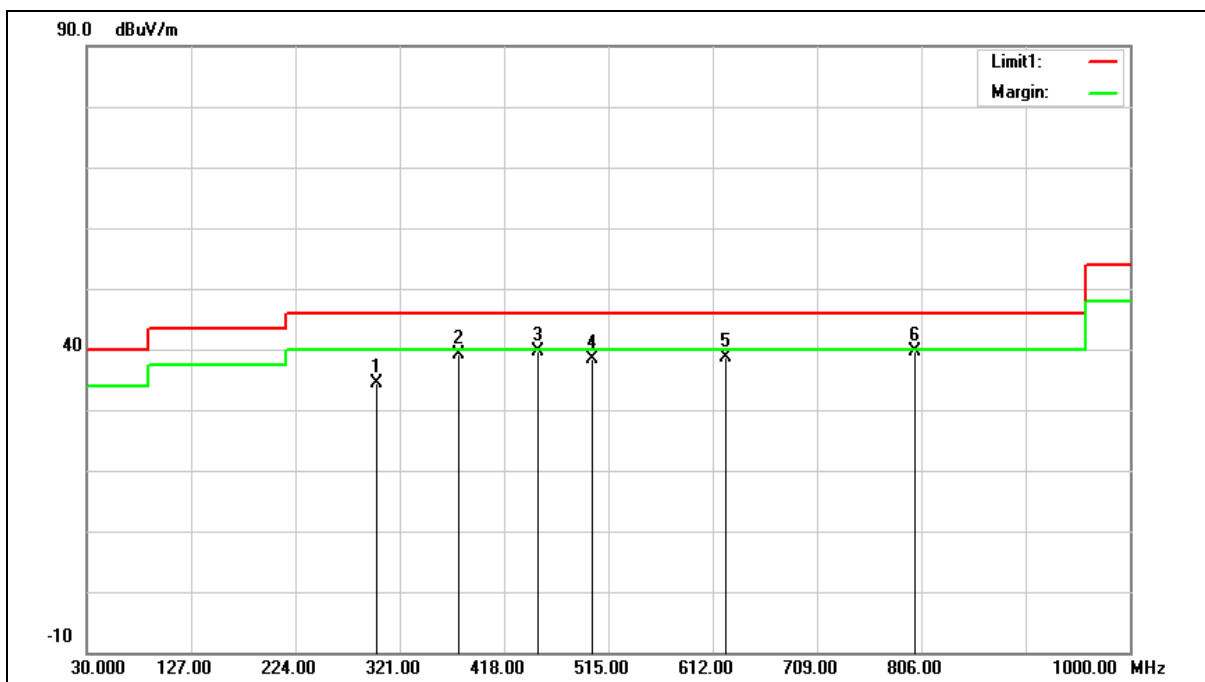
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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



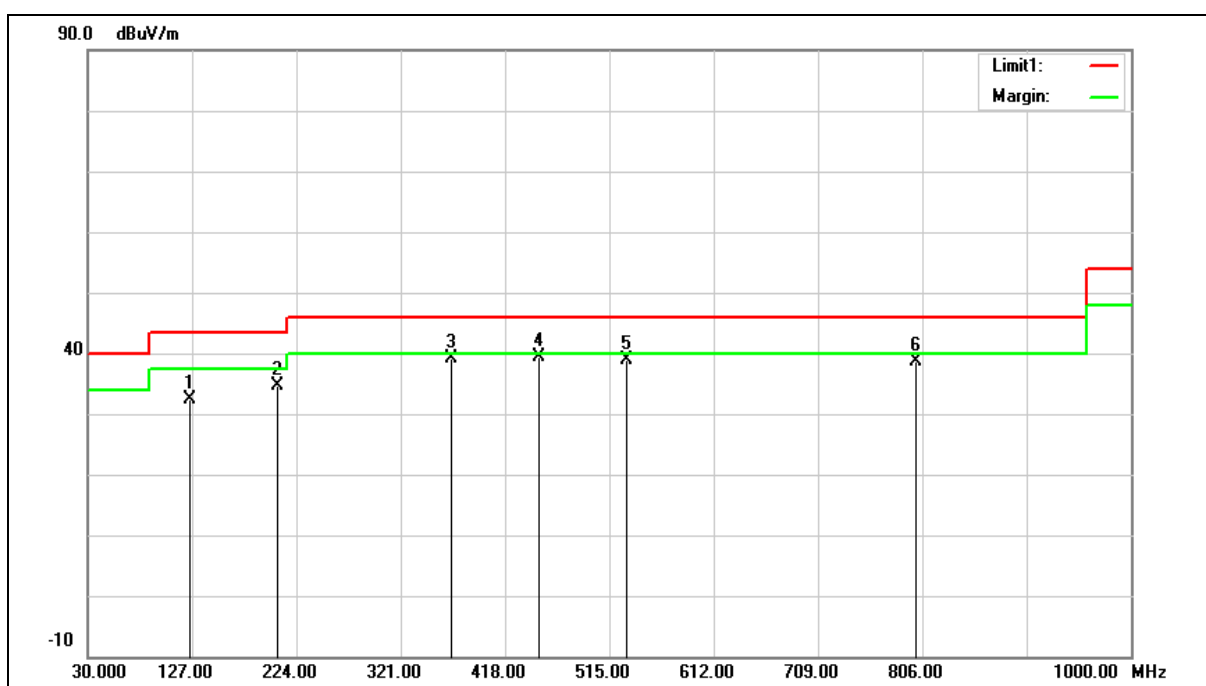
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	299.6600	40.26	-5.91	34.35	46.00	-11.65	QP
2	375.3200	43.37	-4.15	39.22	46.00	-6.78	QP
3	449.0400	42.29	-2.59	39.70	46.00	-6.30	QP
4	500.4500	40.31	-1.83	38.48	46.00	-7.52	QP
5	624.6100	37.33	1.25	38.58	46.00	-7.42	QP
6	800.1800	35.20	4.45	39.65	46.00	-6.35	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:	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	125.0600	41.31	-8.93	32.38	43.50	-11.12	QP
2	206.5400	43.78	-9.10	34.68	43.50	-8.82	QP
3	368.5300	43.42	-4.36	39.06	46.00	-6.94	QP
4	449.0400	42.04	-2.59	39.45	46.00	-6.55	QP
5	531.4900	39.96	-1.09	38.87	46.00	-7.13	QP
6	800.1800	34.13	4.45	38.58	46.00	-7.42	QP

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

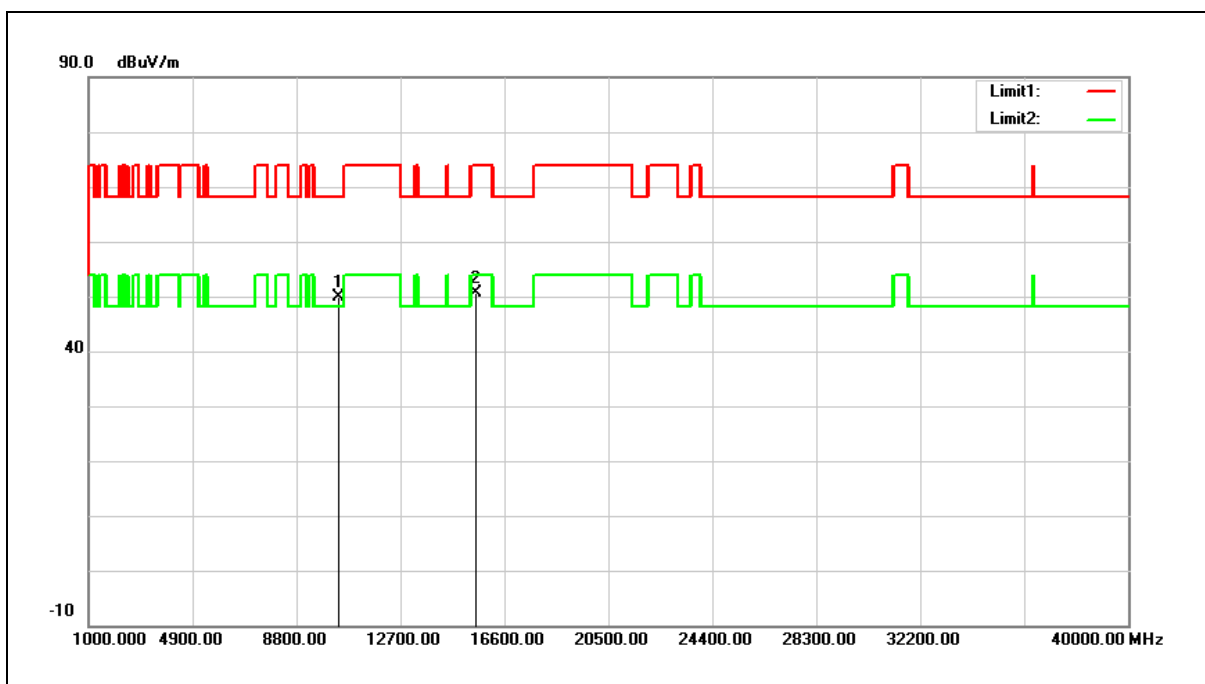
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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		



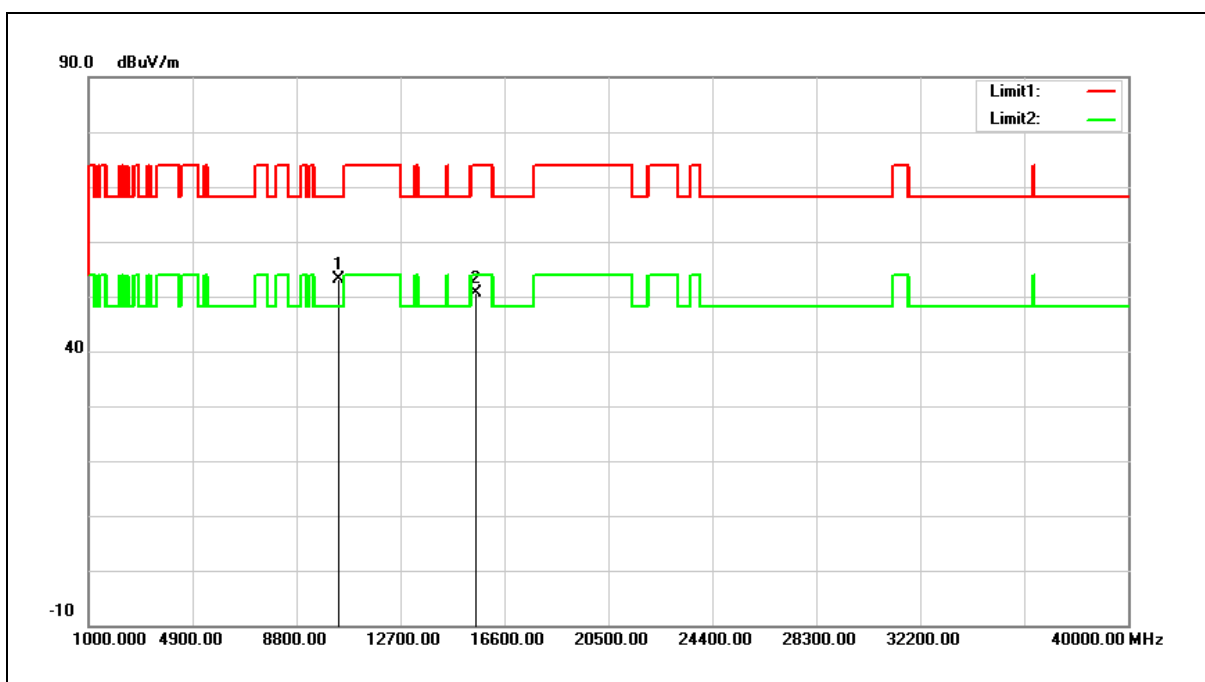
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	35.52	14.29	49.81	68.20	-18.39	peak
2	15540.000	33.79	16.86	50.65	74.00	-23.35	peak

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

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

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

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



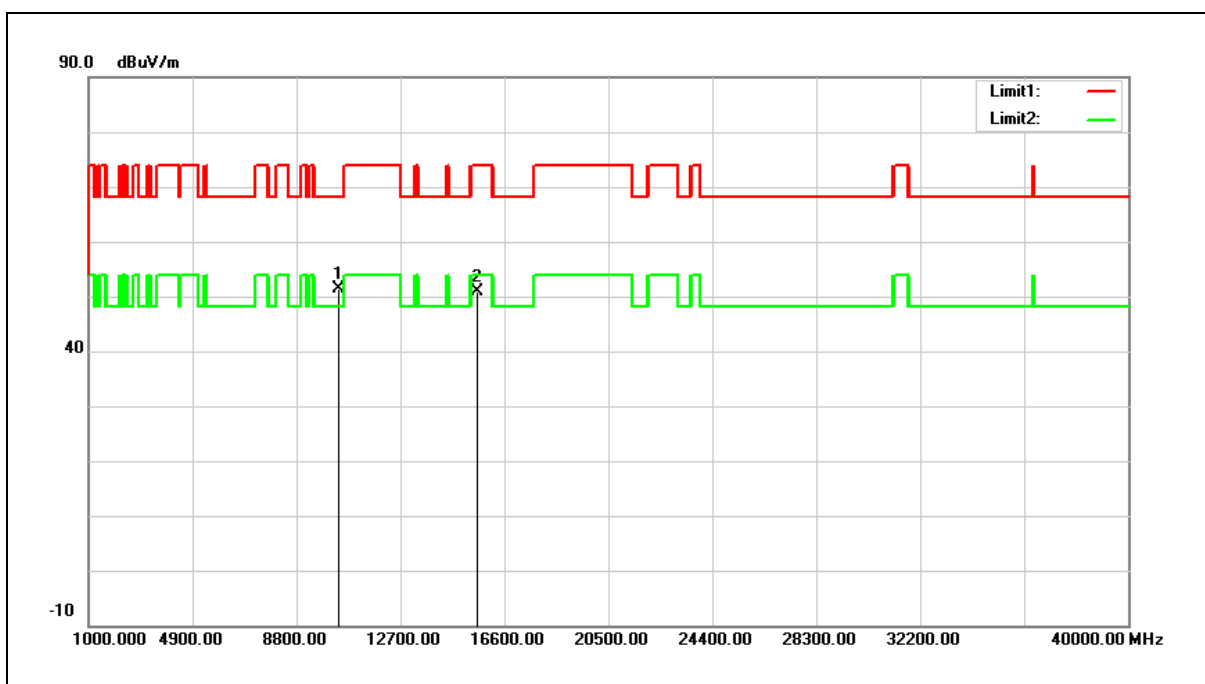
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	38.96	14.29	53.25	68.20	-14.95	peak
2	15540.000	33.73	16.86	50.59	74.00	-23.41	peak

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.:	Horizontal		



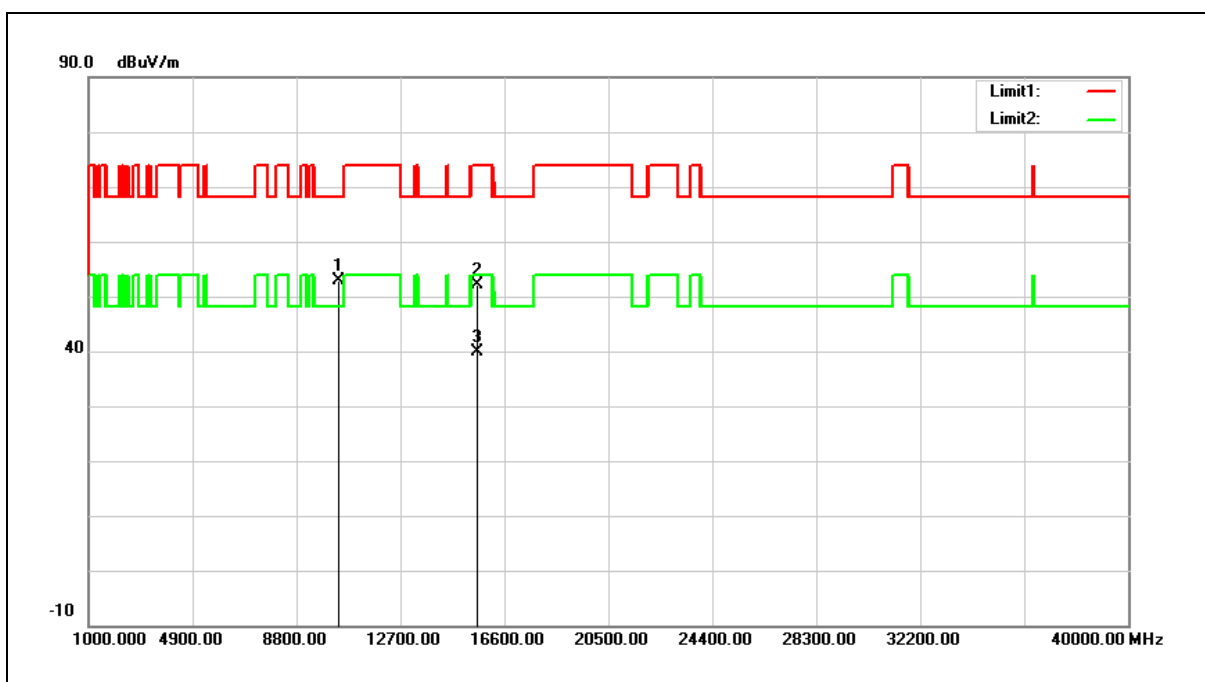
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	37.06	14.38	51.44	68.20	-16.76	peak
2	15600.000	34.16	16.65	50.81	74.00	-23.19	peak

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

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

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

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



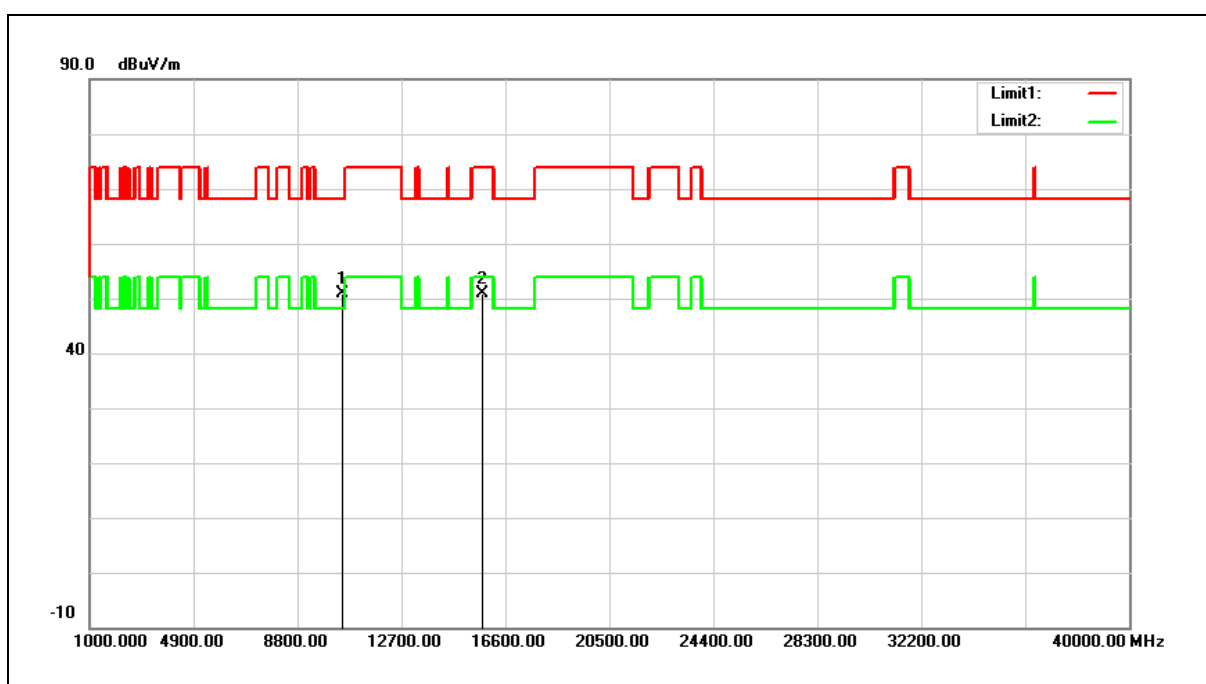
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	38.49	14.38	52.87	68.20	-15.33	peak
2	15600.000	35.59	16.65	52.24	74.00	-21.76	peak
3	15600.000	23.22	16.65	39.87	54.00	-14.13	AVG

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

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

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

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



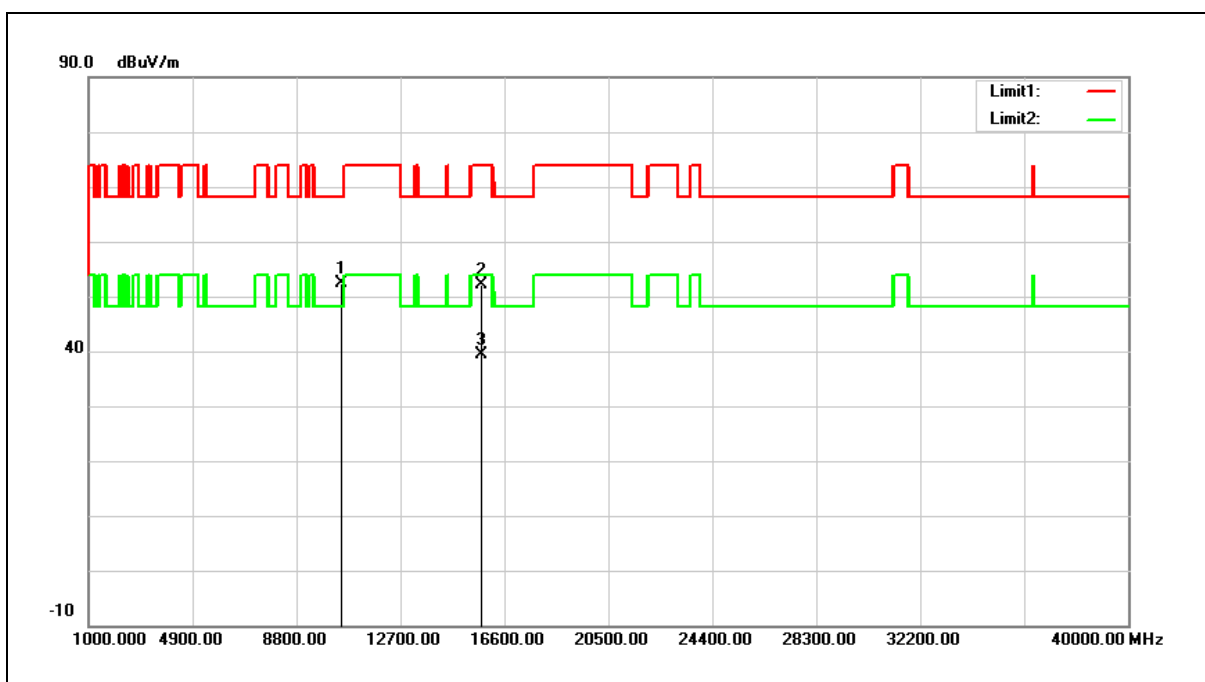
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	36.42	14.55	50.97	68.20	-17.23	peak
2	15720.000	34.65	16.24	50.89	74.00	-23.11	peak

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



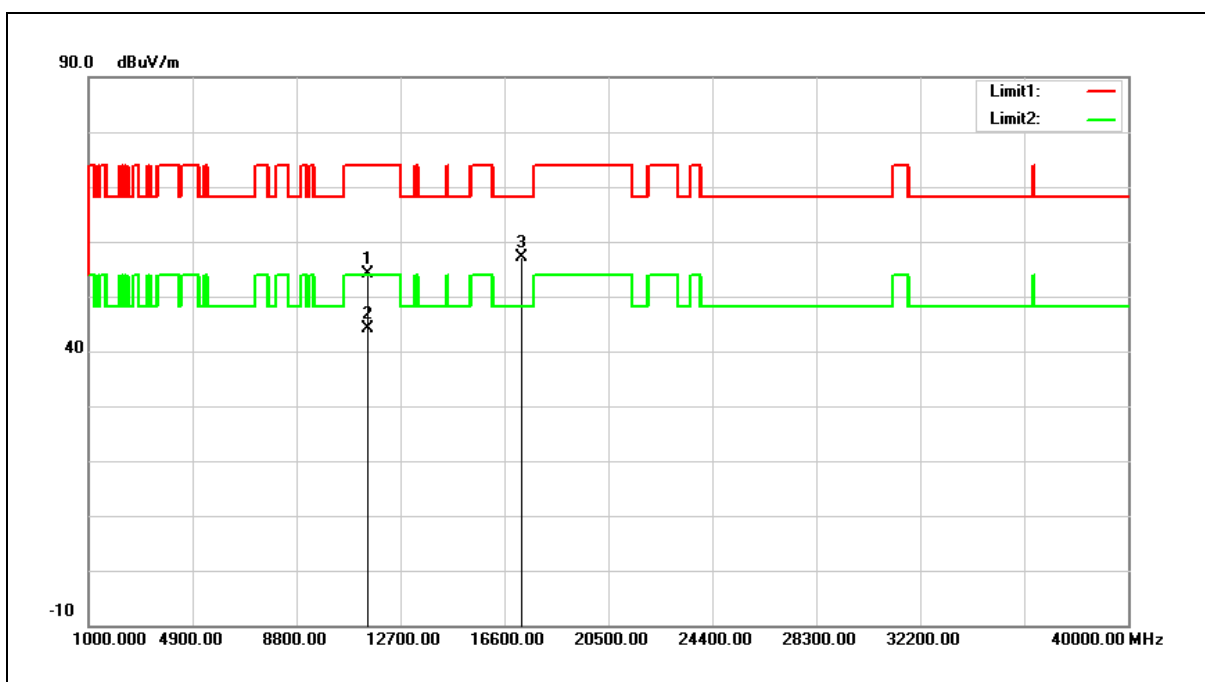
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	37.79	14.55	52.34	68.20	-15.86	peak
2	15720.000	35.78	16.24	52.02	74.00	-21.98	peak
3	15720.000	23.11	16.24	39.35	54.00	-14.65	AVG

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



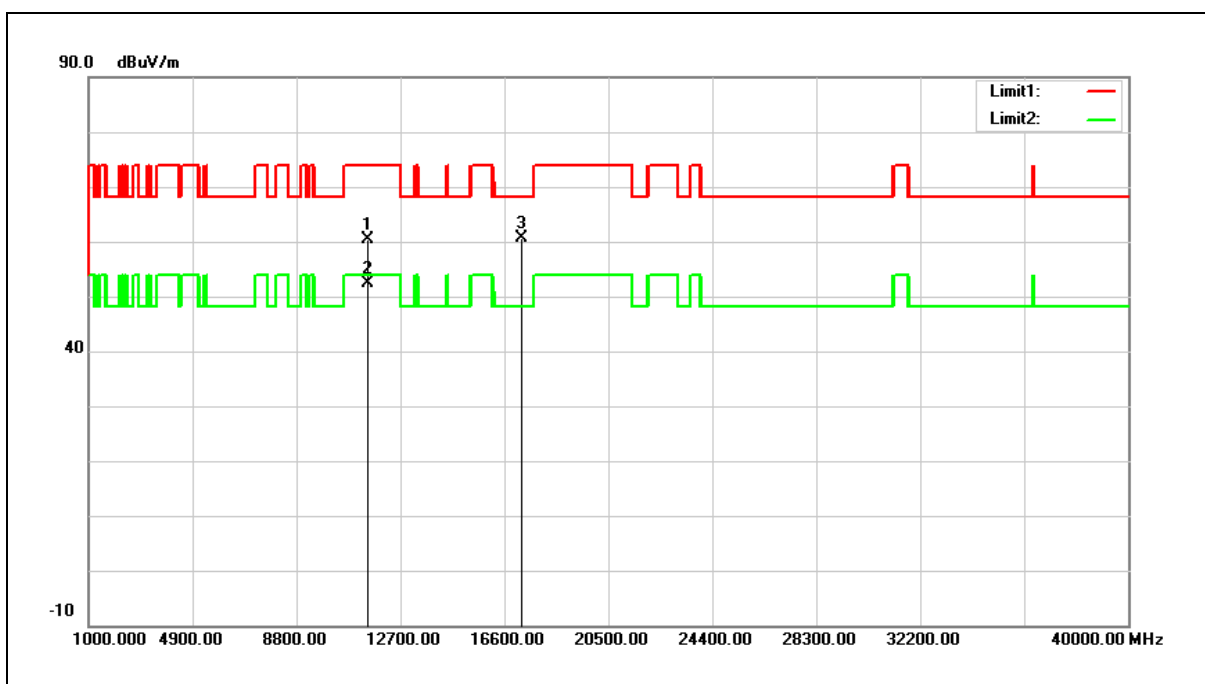
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	38.70	15.39	54.09	74.00	-19.91	peak
2	11490.000	28.84	15.39	44.23	54.00	-9.77	AVG
3	17235.000	35.49	21.71	57.20	68.20	-11.00	peak

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

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

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

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



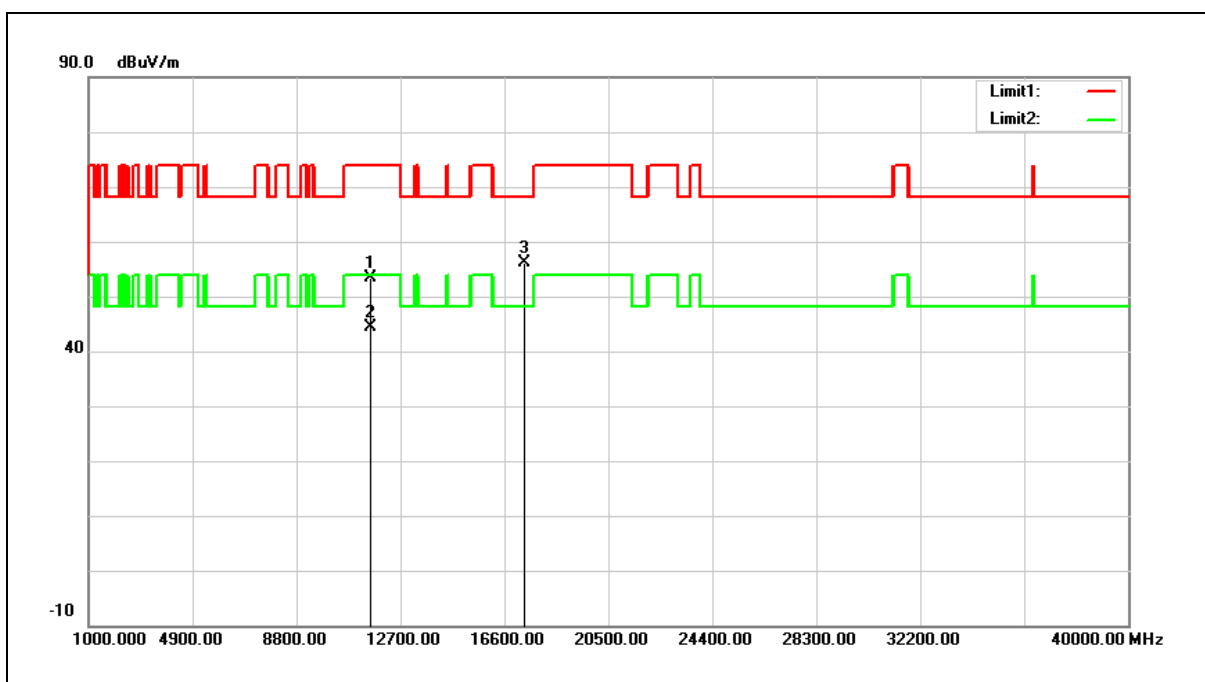
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	45.11	15.39	60.50	74.00	-13.50	peak
2	11490.000	37.04	15.39	52.43	54.00	-1.57	AVG
3	17235.000	38.83	21.71	60.54	68.20	-7.66	peak

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



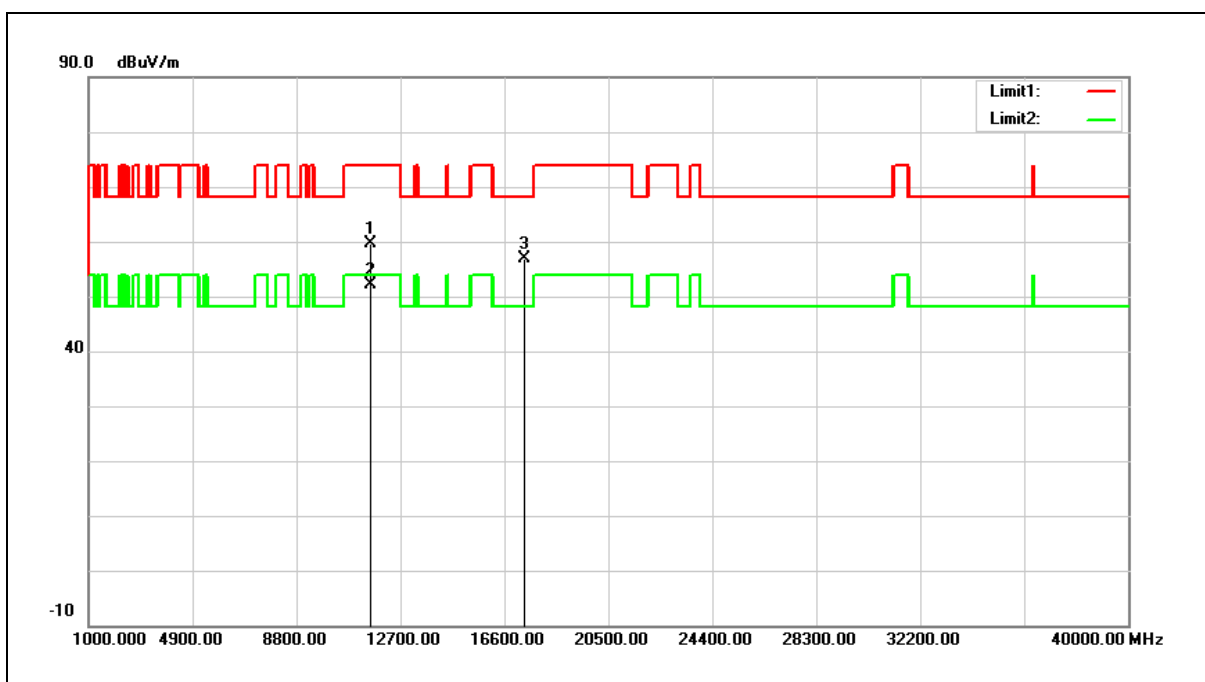
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11557.000	38.05	15.27	53.32	74.00	-20.68	peak
2	11557.000	29.05	15.27	44.32	54.00	-9.68	AVG
3	17355.000	33.63	22.42	56.05	68.20	-12.15	peak

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

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

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

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



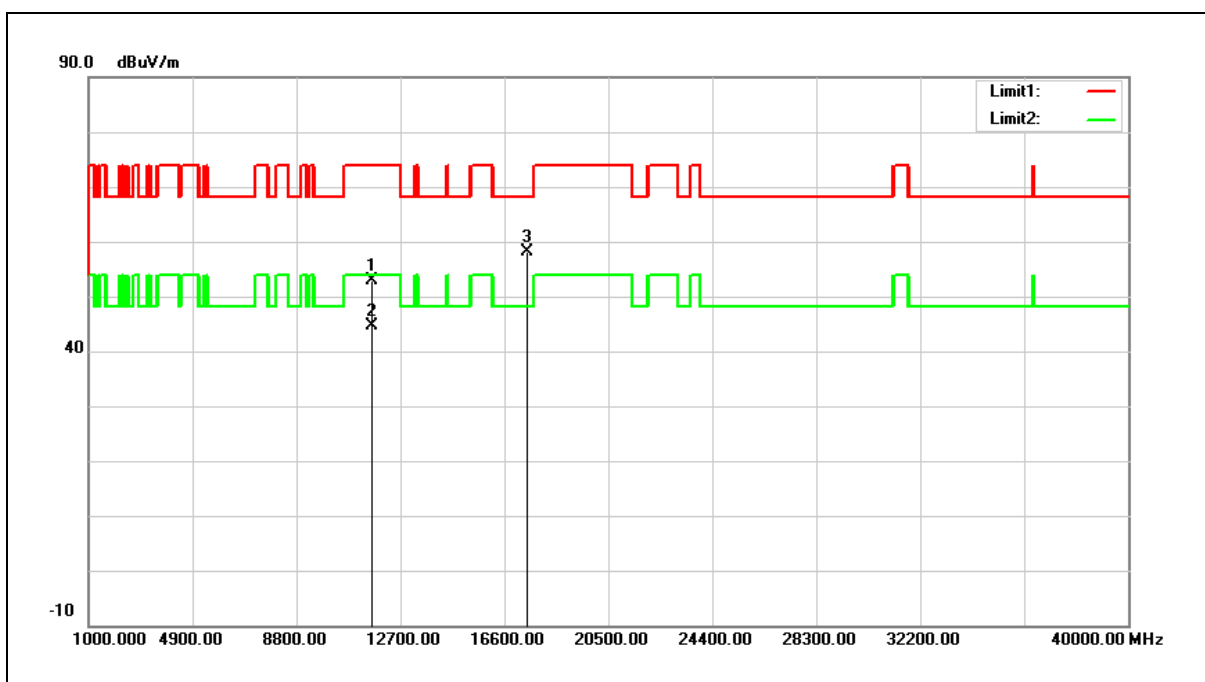
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	44.38	15.25	59.63	74.00	-14.37	peak
2	11570.000	36.87	15.25	52.12	54.00	-1.88	AVG
3	17355.000	34.53	22.42	56.95	68.20	-11.25	peak

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



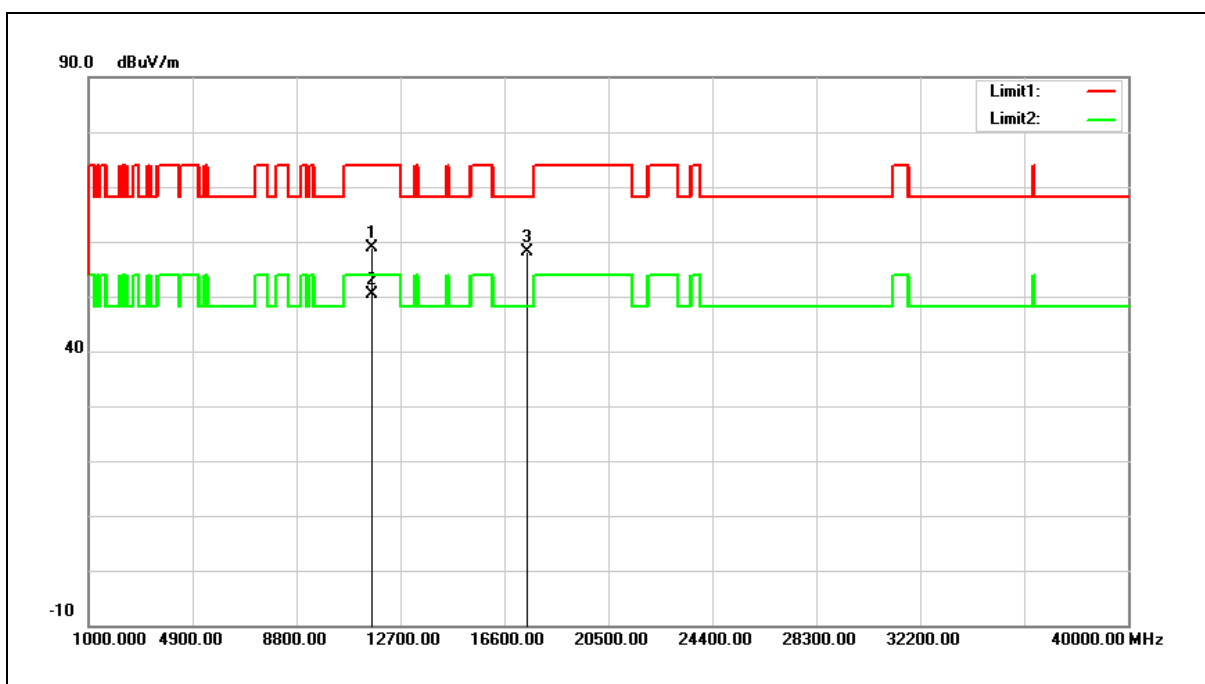
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	37.90	15.08	52.98	74.00	-21.02	peak
2	11650.000	29.48	15.08	44.56	54.00	-9.44	AVG
3	17475.000	34.92	23.13	58.05	68.20	-10.15	peak

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

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

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

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



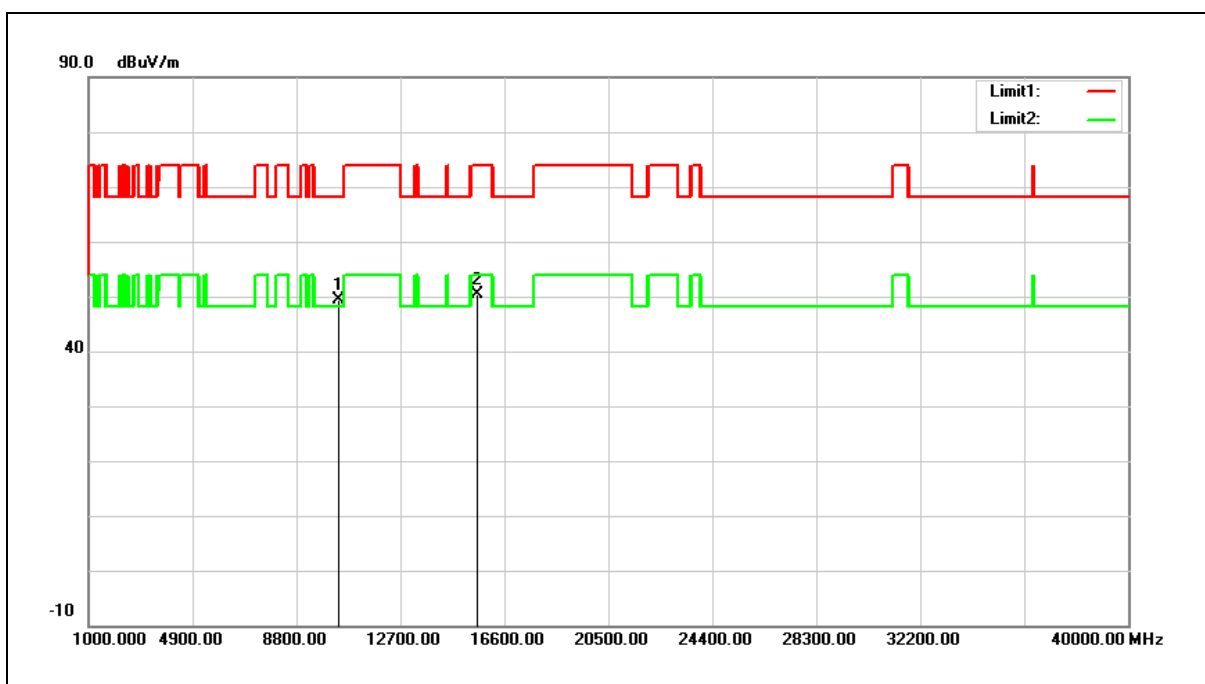
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	43.77	15.08	58.85	74.00	-15.15	peak
2	11650.000	35.21	15.08	50.29	54.00	-3.71	AVG
3	17475.000	34.99	23.13	58.12	68.20	-10.08	peak

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



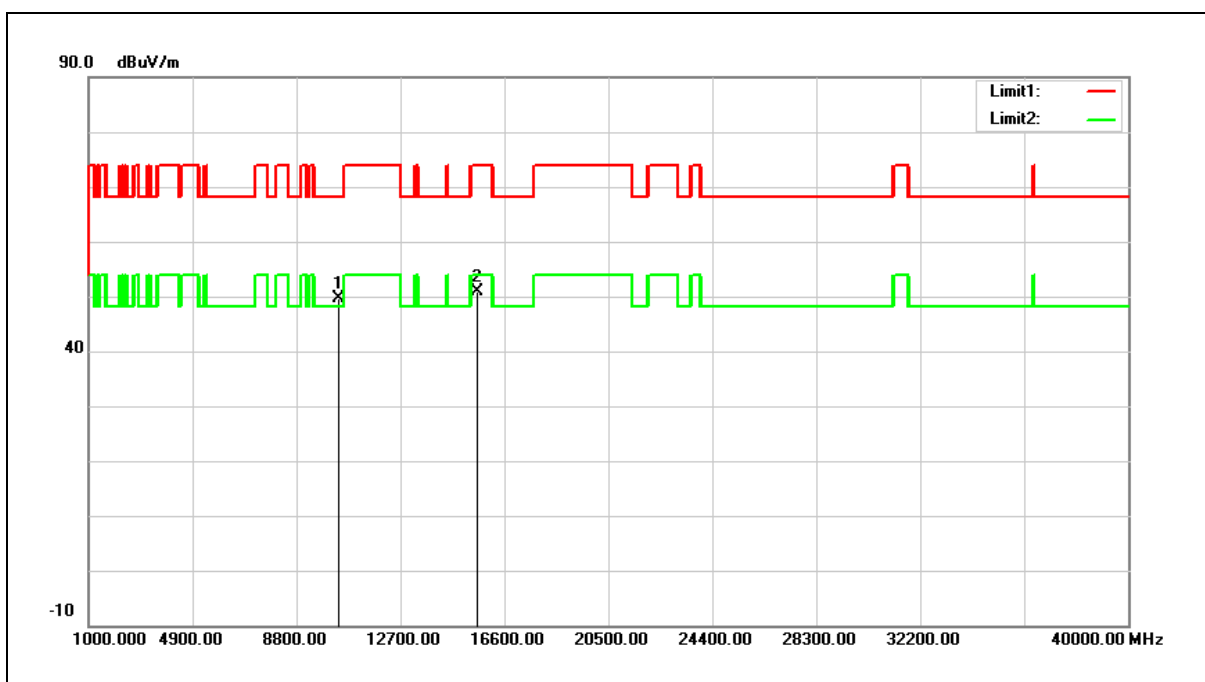
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	34.99	14.35	49.34	68.20	-18.86	peak
2	15570.000	33.55	16.75	50.30	74.00	-23.70	peak

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

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

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

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



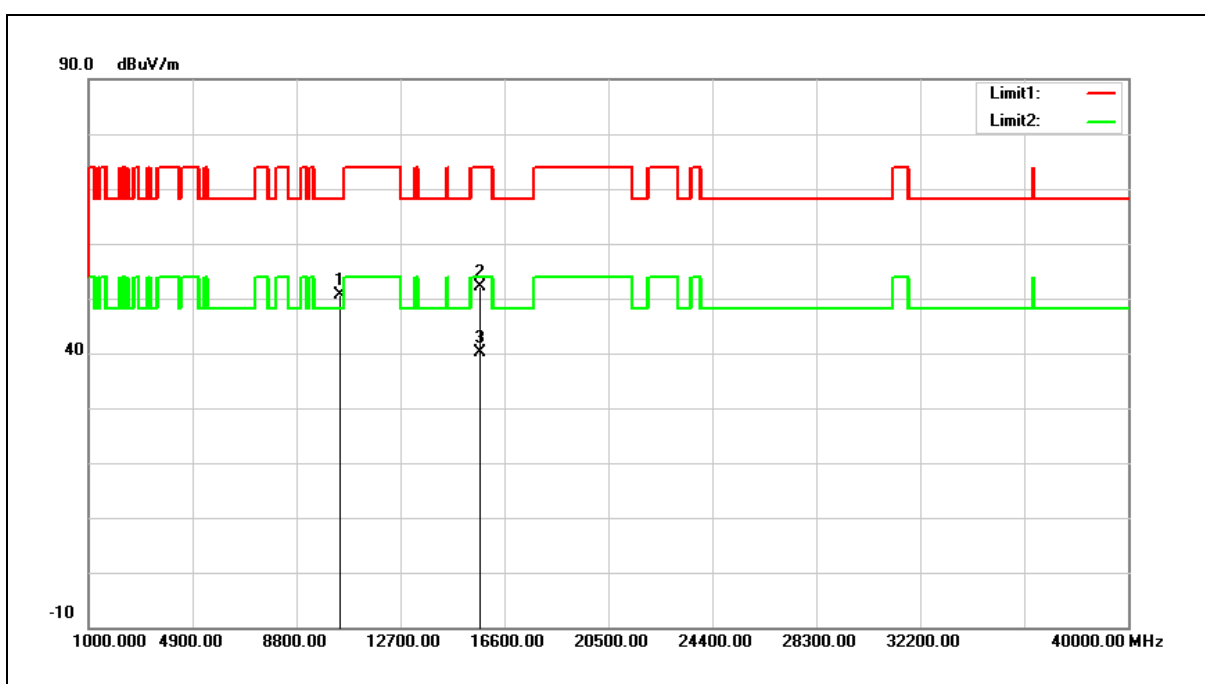
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	35.40	14.35	49.75	68.20	-18.45	peak
2	15570.000	34.16	16.75	50.91	74.00	-23.09	peak

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



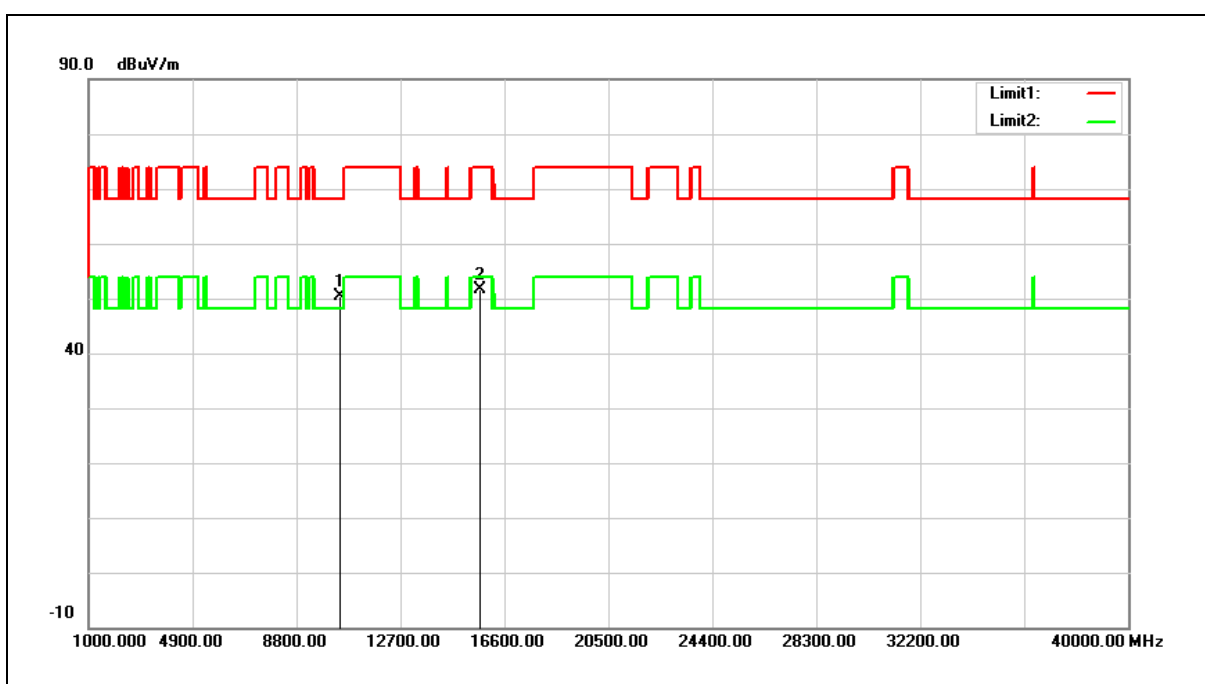
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	36.01	14.51	50.52	68.20	-17.68	peak
2	15690.000	35.68	16.35	52.03	74.00	-21.97	peak
3	15690.000	23.86	16.35	40.21	54.00	-13.79	AVG

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

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

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

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



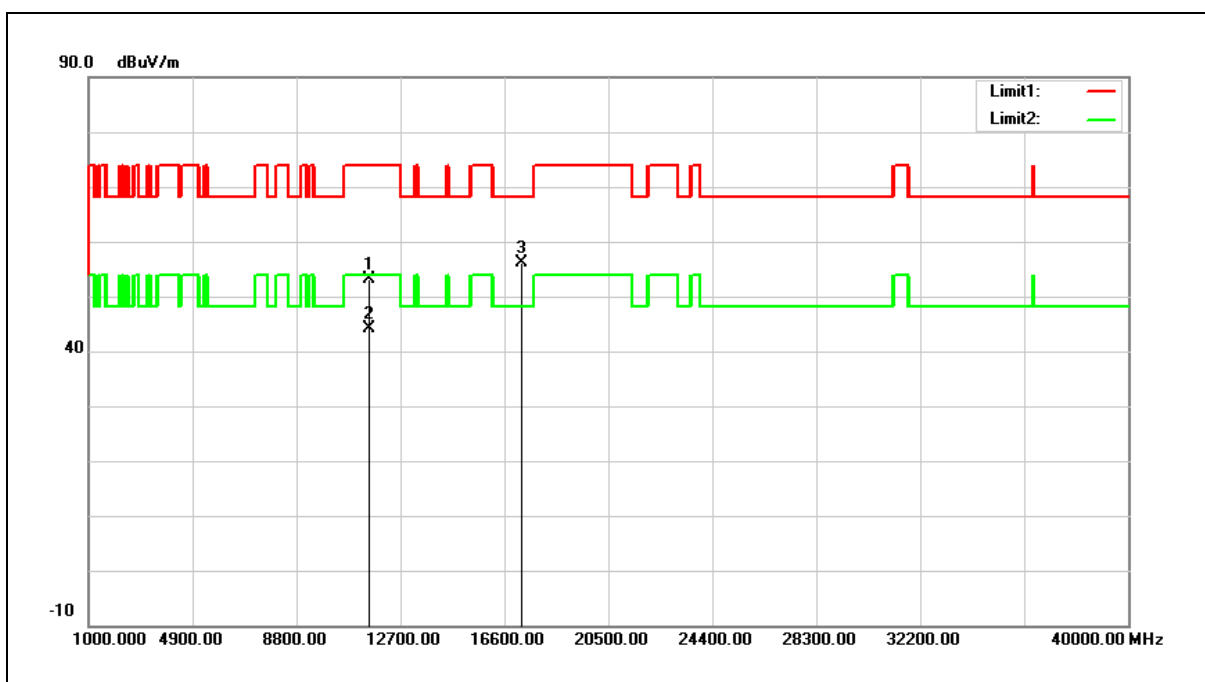
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	35.89	14.51	50.40	68.20	-17.80	peak
2	15690.000	35.27	16.35	51.62	74.00	-22.38	peak

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

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

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

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



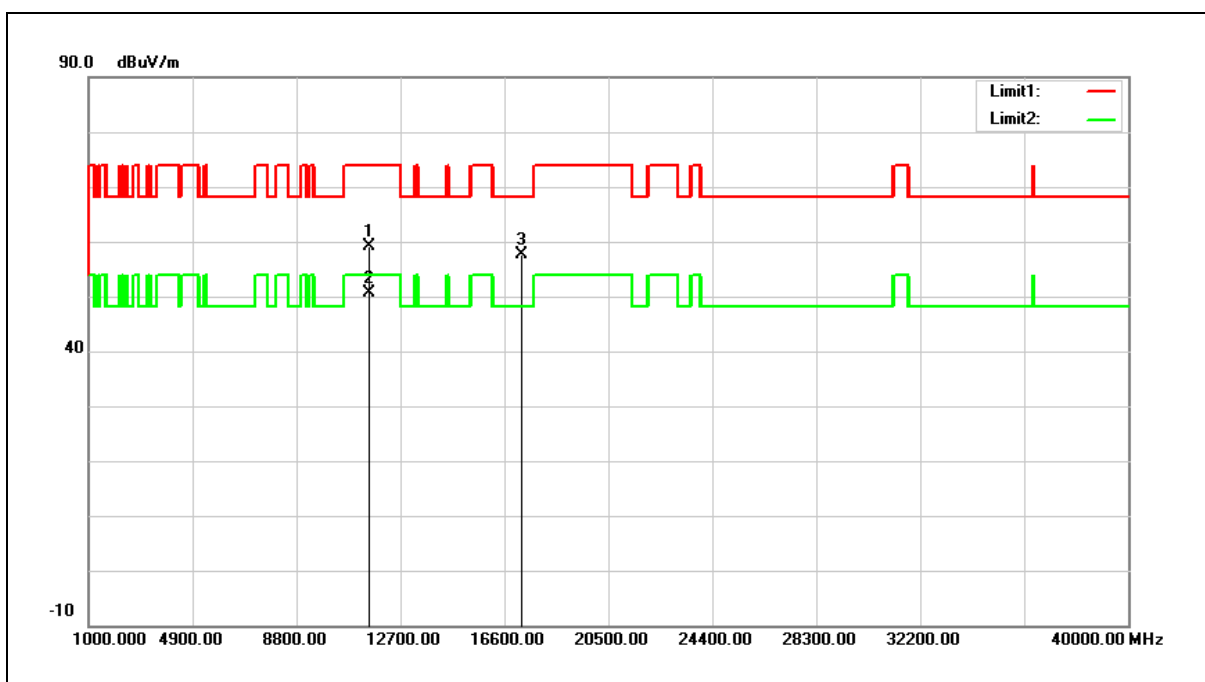
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	37.77	15.38	53.15	74.00	-20.85	peak
2	11510.000	28.79	15.38	44.17	54.00	-9.83	AVG
3	17265.000	34.25	21.88	56.13	68.20	-12.07	peak

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:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



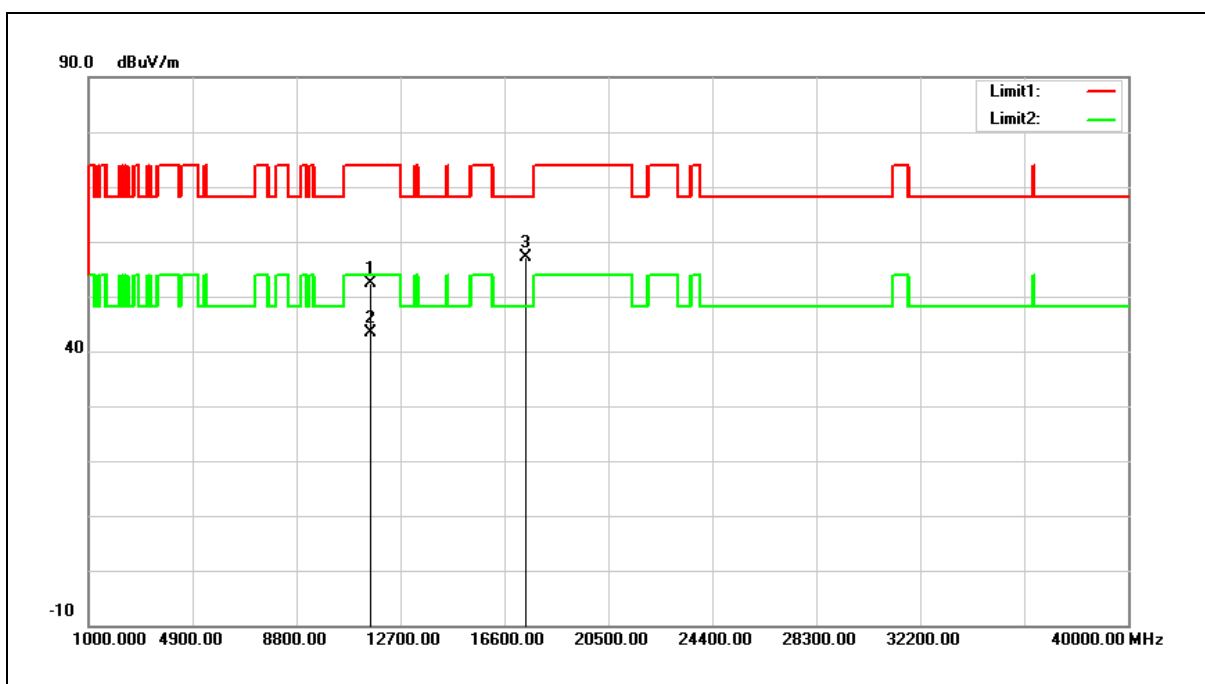
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	43.69	15.38	59.07	74.00	-14.93	peak
2	11510.000	35.26	15.38	50.64	54.00	-3.36	AVG
3	17265.000	35.86	21.88	57.74	68.20	-10.46	peak

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



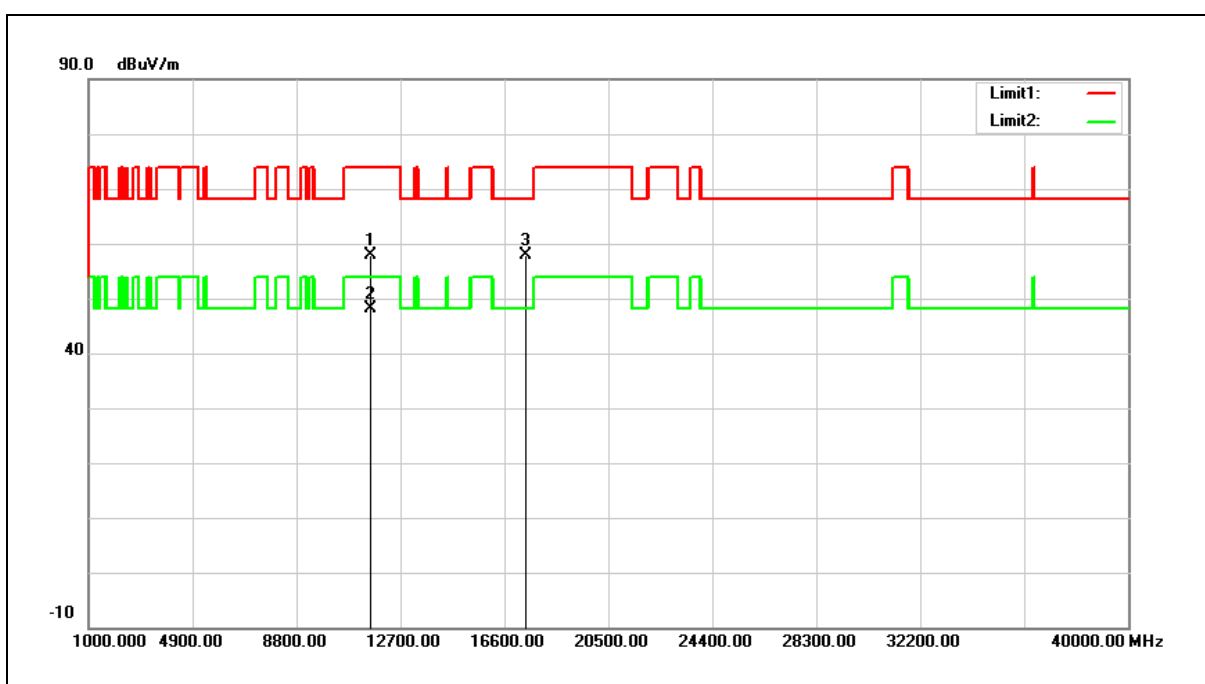
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	37.10	15.20	52.30	74.00	-21.70	peak
2	11590.000	28.10	15.20	43.30	54.00	-10.70	AVG
3	17385.000	34.42	22.60	57.02	68.20	-11.18	peak

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

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

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

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



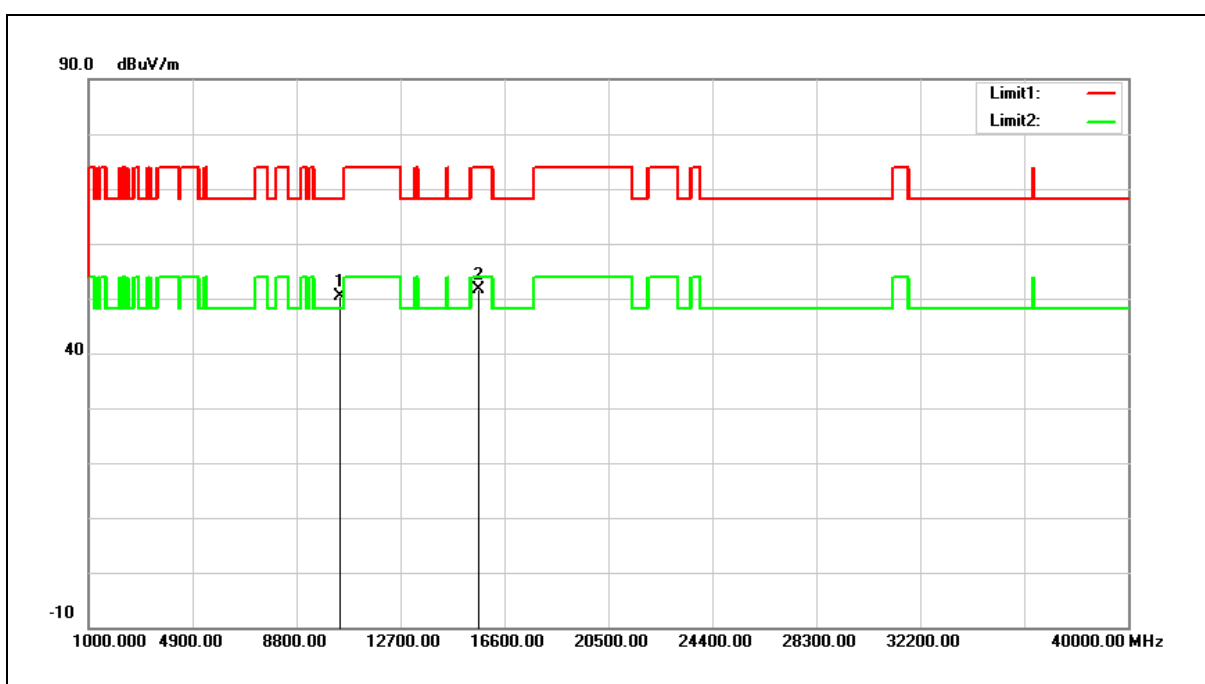
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	42.79	15.20	57.99	74.00	-16.01	peak
2	11590.000	32.99	15.20	48.19	54.00	-5.81	AVG
3	17385.000	35.35	22.60	57.95	68.20	-10.25	peak

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



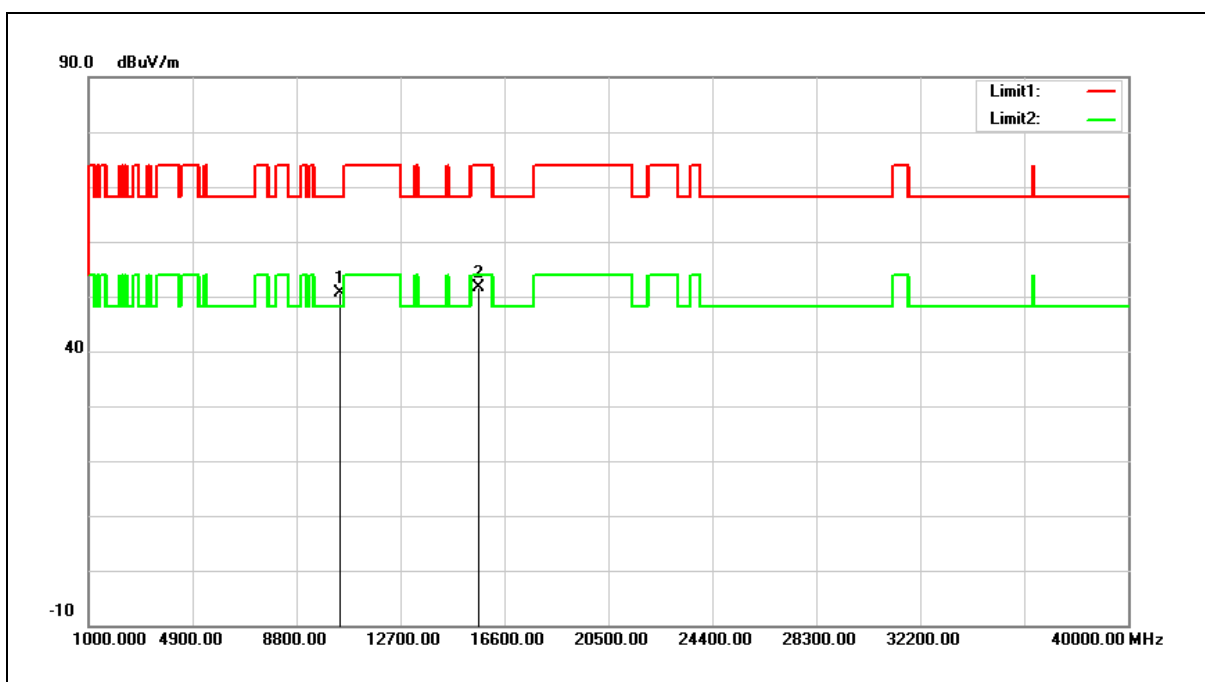
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	36.05	14.42	50.47	68.20	-17.73	peak
2	15630.000	35.13	16.56	51.69	74.00	-22.31	peak

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



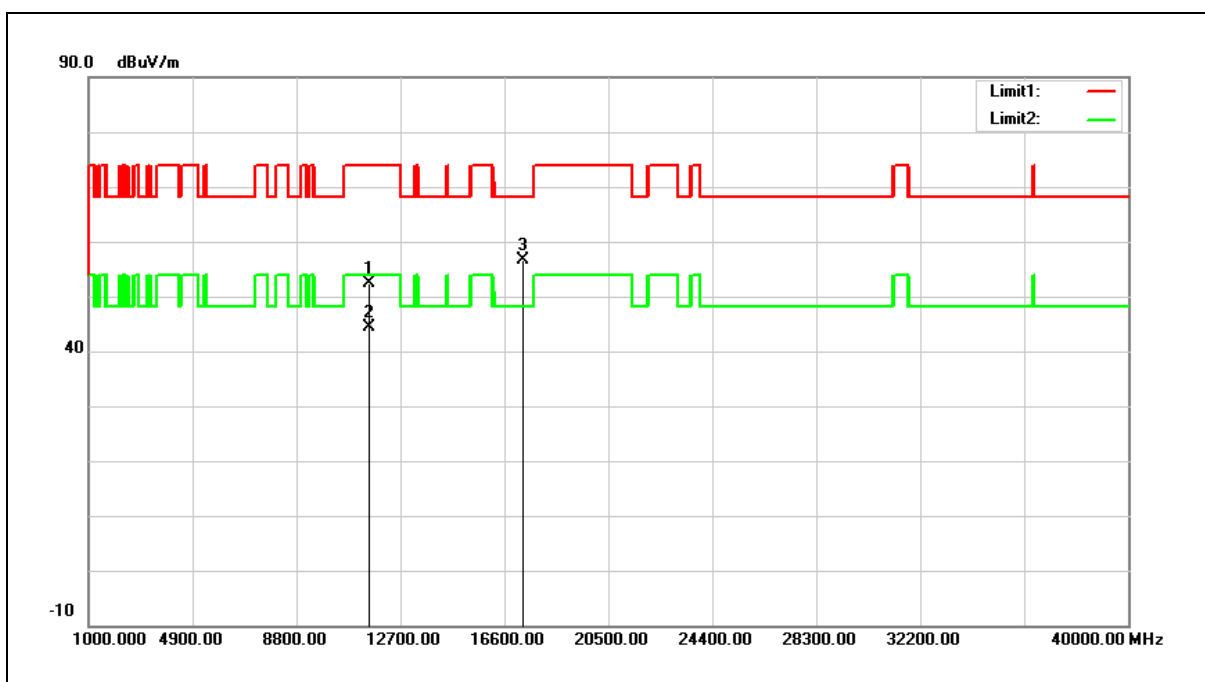
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	36.31	14.42	50.73	68.20	-17.47	peak
2	15630.000	35.19	16.56	51.75	74.00	-22.25	peak

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



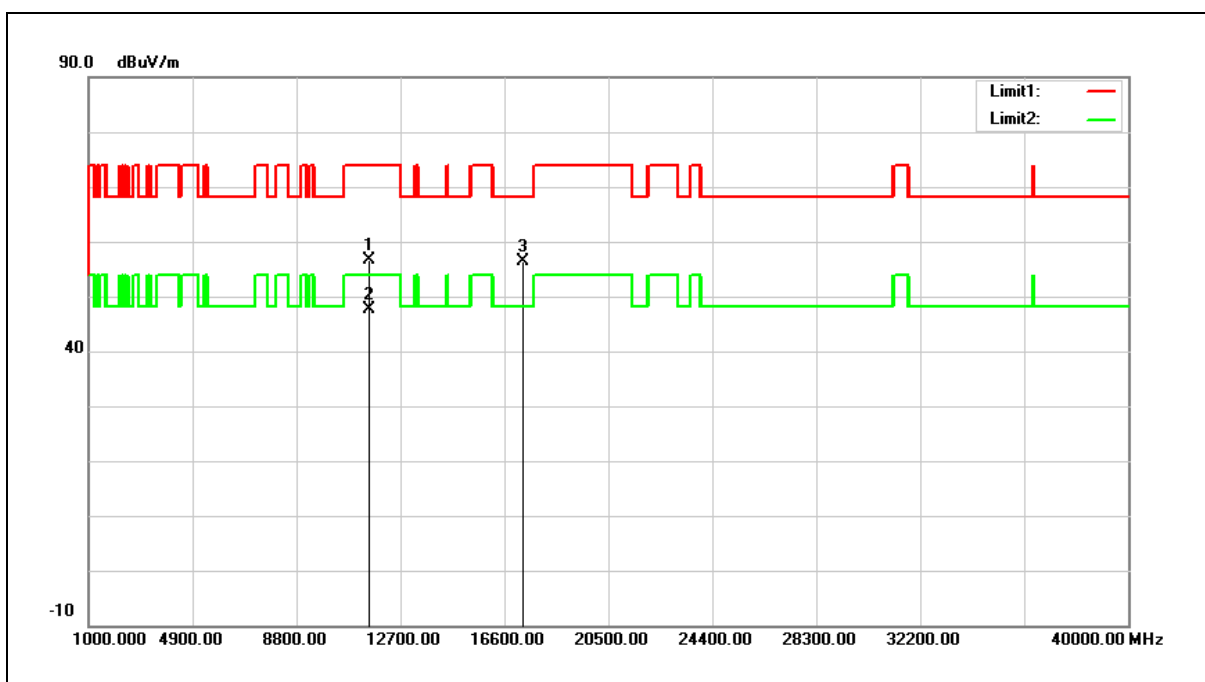
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	36.97	15.29	52.26	74.00	-21.74	peak
2	11550.000	29.18	15.29	44.47	54.00	-9.53	AVG
3	17325.000	34.28	22.24	56.52	68.20	-11.68	peak

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:	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	41.33	15.29	56.62	74.00	-17.38	peak
2	11550.000	32.33	15.29	47.62	54.00	-6.38	AVG
3	17325.000	34.19	22.24	56.43	68.20	-11.77	peak

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

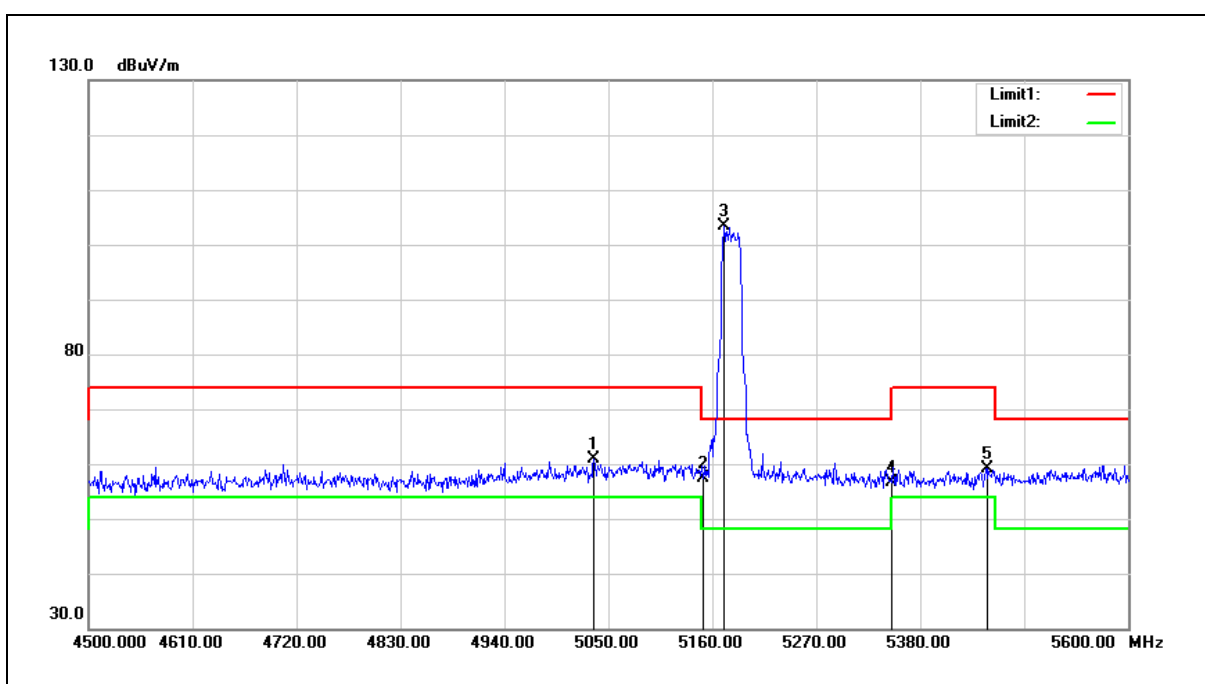
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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		



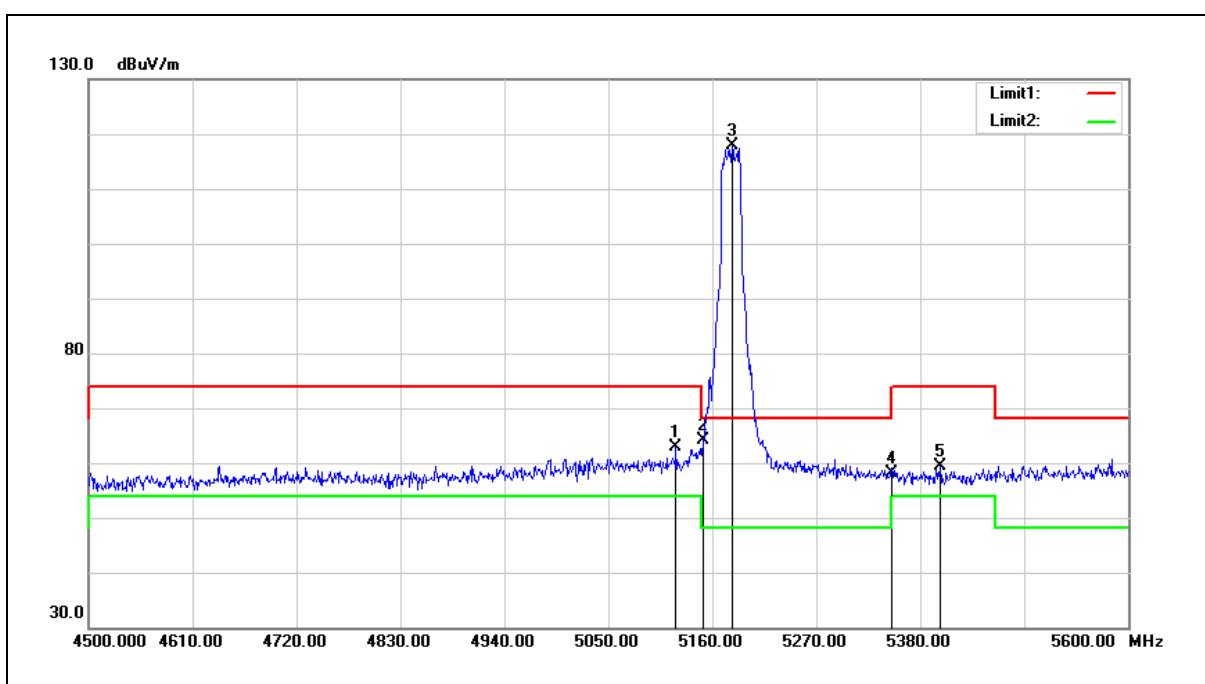
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5034.600	61.12	-0.29	60.83	74.00	-13.17	peak
2	5150.000	57.52	-0.08	57.44	74.00	-16.56	peak
3	5172.100	103.42	-0.03	103.39	68.20	35.19	peak
4	5350.000	56.37	0.30	56.67	74.00	-17.33	peak
5	5451.500	58.67	0.48	59.15	74.00	-14.85	peak

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

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

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

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



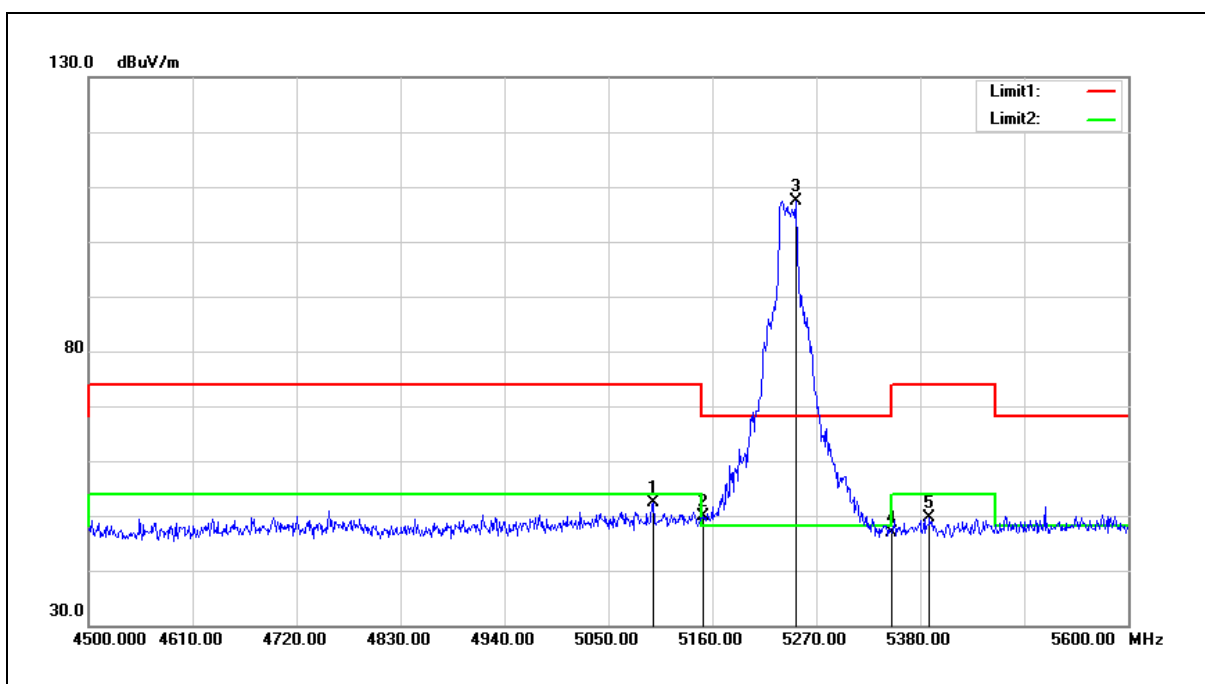
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5121.500	63.01	-0.13	62.88	74.00	-11.12	peak
2	5150.000	64.31	-0.08	64.23	74.00	-9.77	peak
3	5180.900	117.89	-0.03	117.86	68.20	49.66	peak
4	5350.000	57.88	0.30	58.18	74.00	-15.82	peak
5	5400.900	58.95	0.39	59.34	74.00	-14.66	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:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



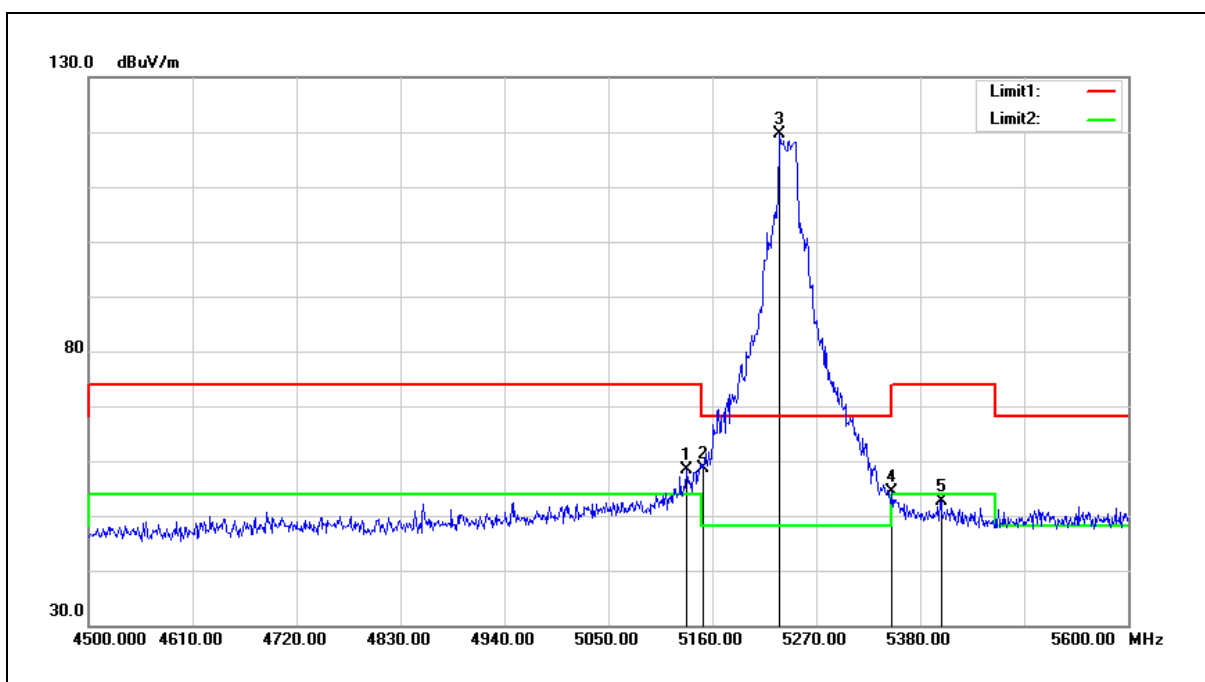
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5097.300	52.20	0.20	52.40	74.00	-21.60	peak
2	5150.000	49.68	0.27	49.95	74.00	-24.05	peak
3	5248.000	107.55	-0.12	107.43	68.20	39.23	peak
4	5350.000	46.96	-0.12	46.84	74.00	-27.16	peak
5	5389.900	49.33	0.24	49.57	74.00	-24.43	peak

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

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

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

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



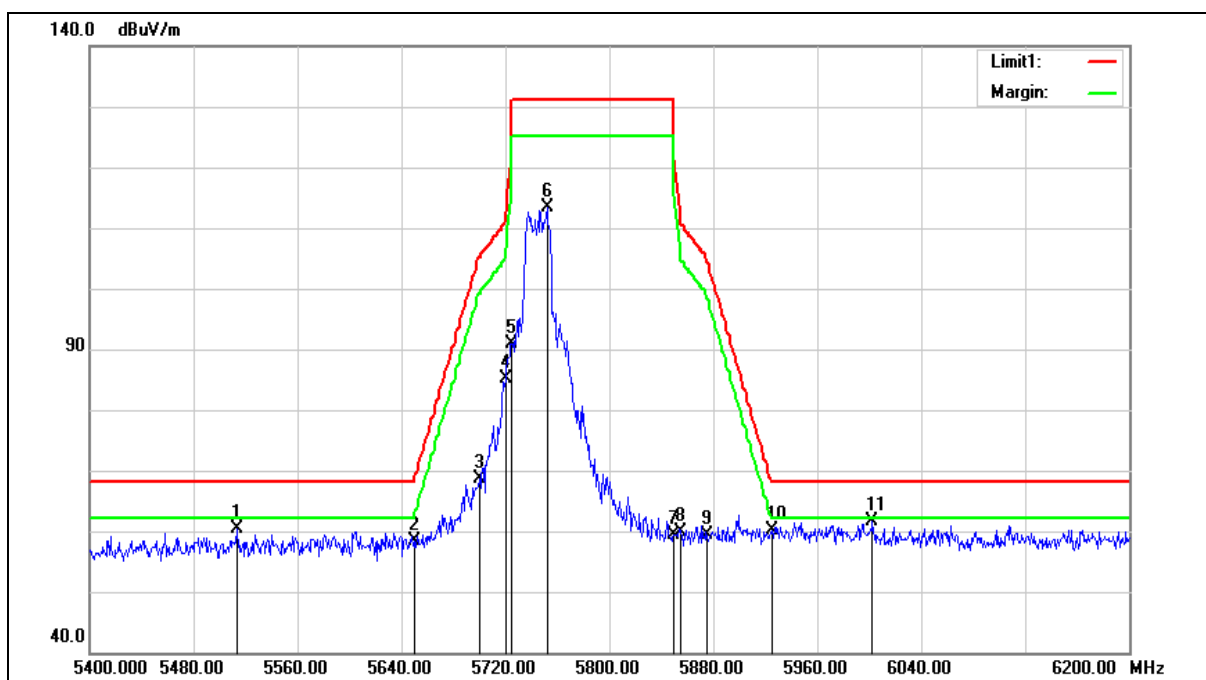
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5132.500	58.20	0.26	58.46	74.00	-15.54	peak
2	5150.000	58.24	0.27	58.51	74.00	-15.49	peak
3	5231.500	119.58	-0.03	119.55	68.20	51.35	peak
4	5350.000	54.56	-0.12	54.44	74.00	-19.56	peak
5	5402.000	52.36	0.34	52.70	74.00	-21.30	peak

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

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

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

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

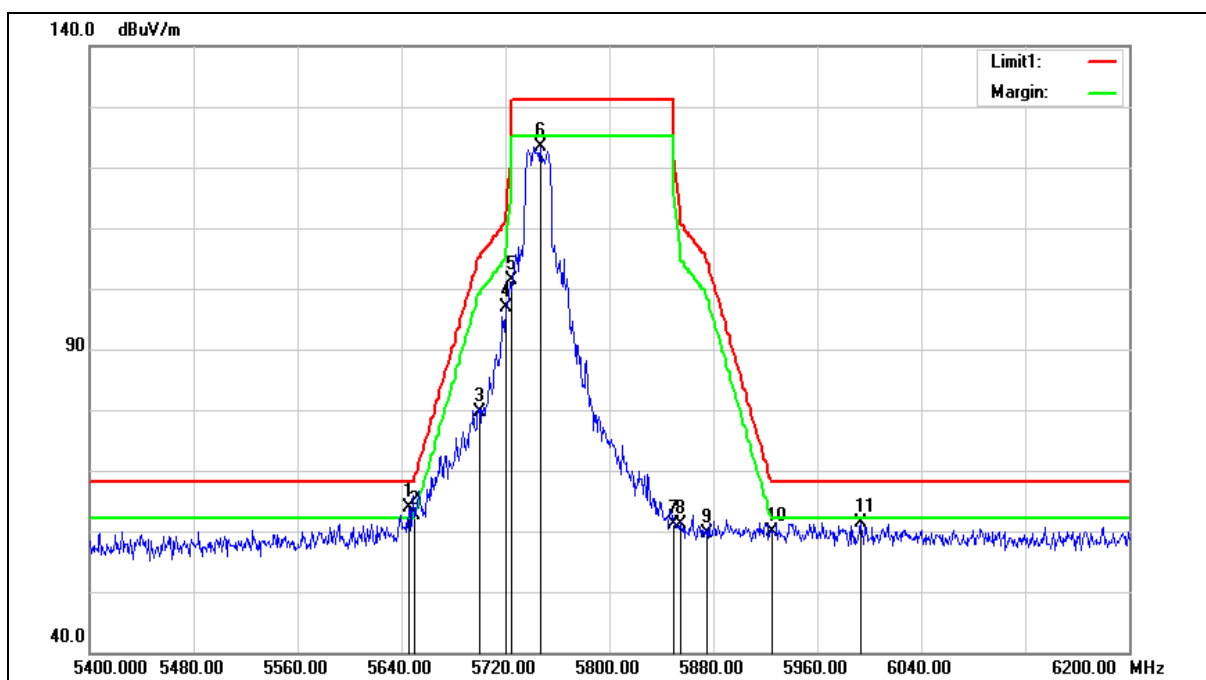
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5513.600	59.83	0.61	60.44	68.20	-7.76	peak
2	5650.000	57.53	0.97	58.50	68.20	-9.70	peak
3	5700.000	67.58	1.11	68.69	105.20	-36.51	peak
4	5720.000	83.86	1.17	85.03	110.80	-25.77	peak
5	5725.000	89.80	1.18	90.98	122.20	-31.22	peak
6	5752.000	112.14	1.25	113.39	131.20	-17.81	peak
7	5850.000	57.79	1.52	59.31	122.20	-62.89	peak
8	5855.000	58.39	1.53	59.92	110.80	-50.88	peak
9	5875.000	57.87	1.59	59.46	105.20	-45.74	peak
10	5925.000	58.40	1.72	60.12	68.20	-8.08	peak
11	6002.400	59.58	1.93	61.51	68.20	-6.69	peak

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

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

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

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

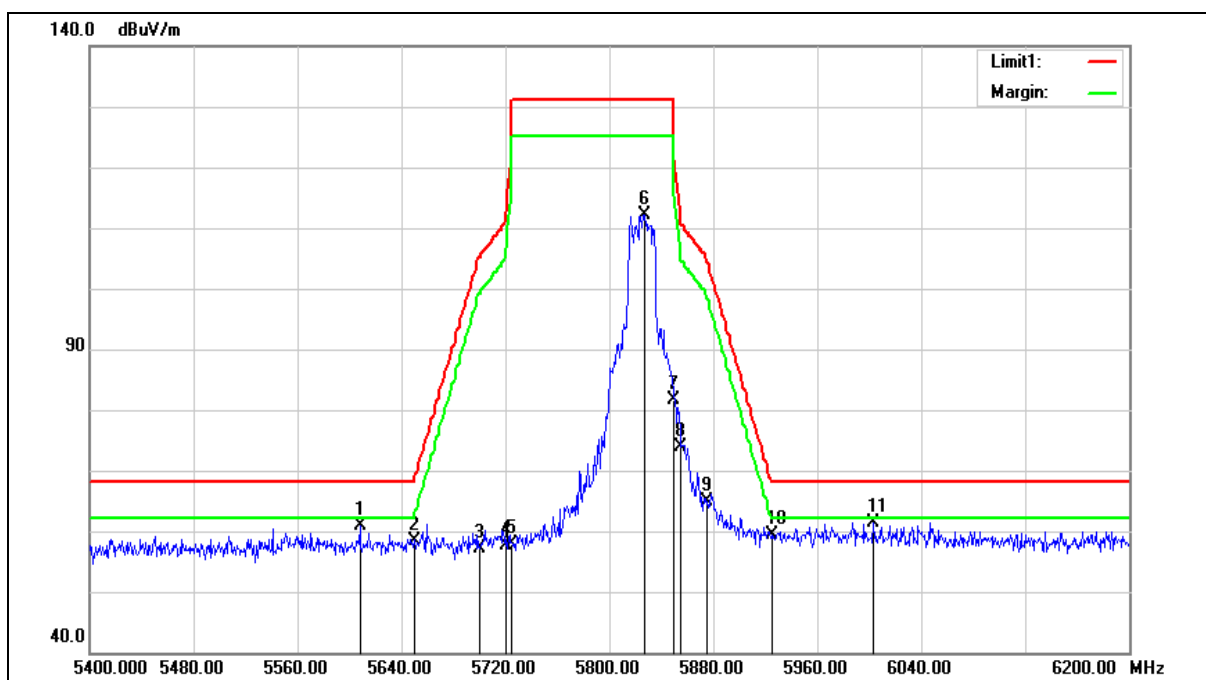
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5645.600	62.92	0.96	63.88	68.20	-4.32	peak
2	5650.000	61.74	0.97	62.71	68.20	-5.49	peak
3	5700.000	78.45	1.11	79.56	105.20	-25.64	peak
4	5720.000	95.80	1.17	96.97	110.80	-13.83	peak
5	5725.000	100.18	1.18	101.36	122.20	-20.84	peak
6	5747.200	122.25	1.25	123.50	131.20	-7.70	peak
7	5850.000	59.64	1.52	61.16	122.20	-61.04	peak
8	5855.000	59.53	1.53	61.06	110.80	-49.74	peak
9	5875.000	58.07	1.59	59.66	105.20	-45.54	peak
10	5925.000	58.12	1.72	59.84	68.20	-8.36	peak
11	5993.600	59.49	1.91	61.40	68.20	-6.80	peak

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

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

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

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

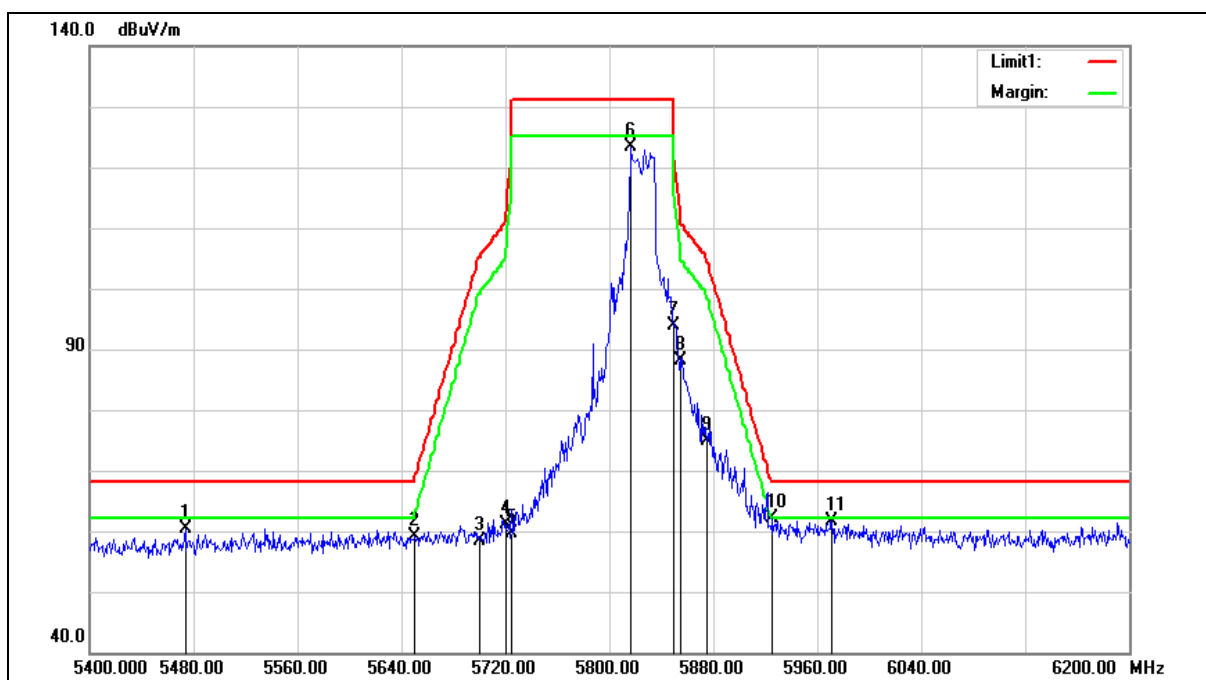
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5608.000	59.90	0.86	60.76	68.20	-7.44	peak
2	5650.000	57.29	0.97	58.26	68.20	-9.94	peak
3	5700.000	55.93	1.11	57.04	105.20	-48.16	peak
4	5720.000	56.46	1.17	57.63	110.80	-53.17	peak
5	5725.000	56.73	1.18	57.91	122.20	-64.29	peak
6	5827.200	110.75	1.45	112.20	131.20	-19.00	peak
7	5850.000	80.07	1.52	81.59	122.20	-40.61	peak
8	5855.000	72.45	1.53	73.98	110.80	-36.82	peak
9	5875.000	63.35	1.59	64.94	105.20	-40.26	peak
10	5925.000	57.67	1.72	59.39	68.20	-8.81	peak
11	6003.200	59.41	1.93	61.34	68.20	-6.86	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:	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		

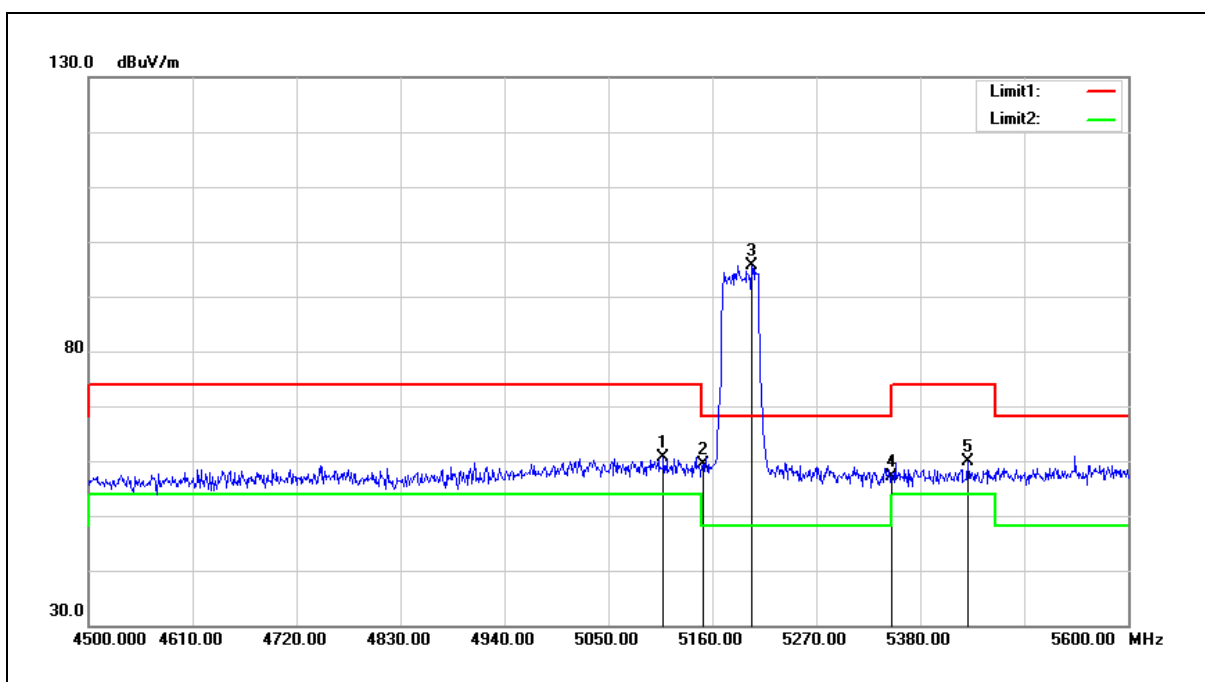
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5473.600	59.97	0.53	60.50	68.20	-7.70	peak
2	5650.000	58.13	0.97	59.10	68.20	-9.10	peak
3	5700.000	57.35	1.11	58.46	105.20	-46.74	peak
4	5720.000	59.93	1.17	61.10	110.80	-49.70	peak
5	5725.000	58.34	1.18	59.52	122.20	-62.68	peak
6	5816.800	121.93	1.43	123.36	131.20	-7.84	peak
7	5850.000	92.34	1.52	93.86	122.20	-28.34	peak
8	5855.000	86.60	1.53	88.13	110.80	-22.67	peak
9	5875.000	73.22	1.59	74.81	105.20	-30.39	peak
10	5925.000	60.51	1.72	62.23	68.20	-5.97	peak
11	5971.200	59.89	1.85	61.74	68.20	-6.46	peak

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

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

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

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



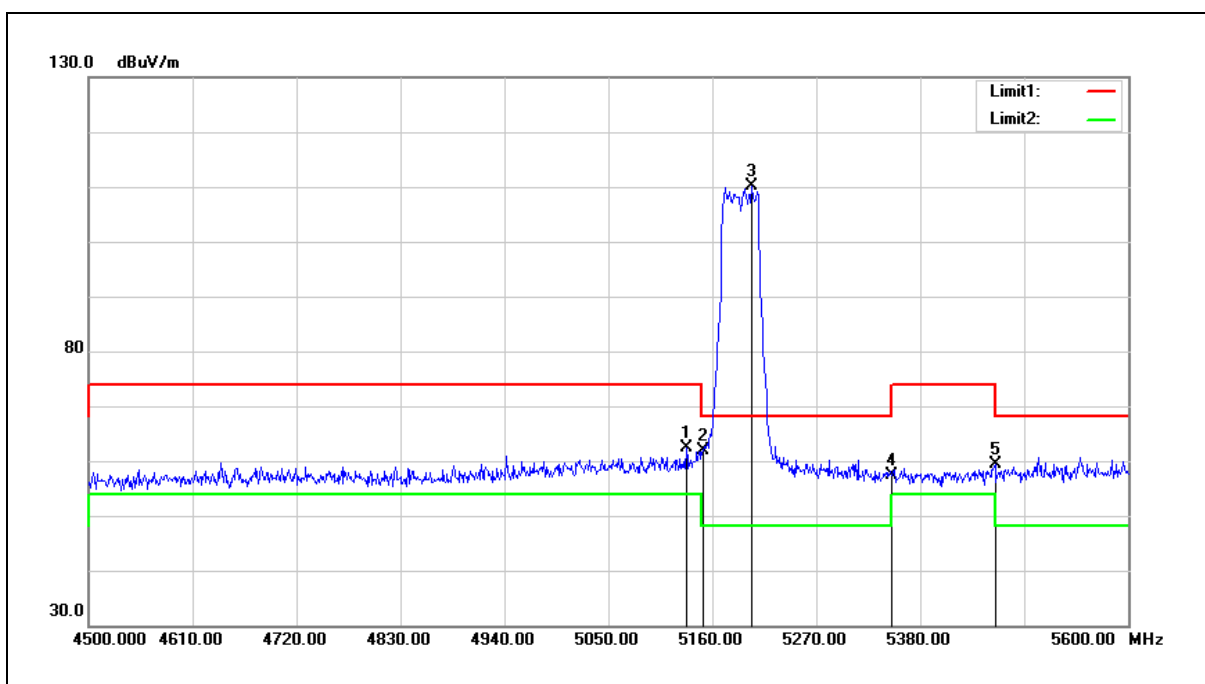
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5108.300	60.84	-0.15	60.69	74.00	-13.31	peak
2	5150.000	59.36	-0.08	59.28	74.00	-14.72	peak
3	5201.800	95.53	0.02	95.55	68.20	27.35	peak
4	5350.000	56.84	0.30	57.14	74.00	-16.86	peak
5	5430.600	59.36	0.44	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:	5190 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



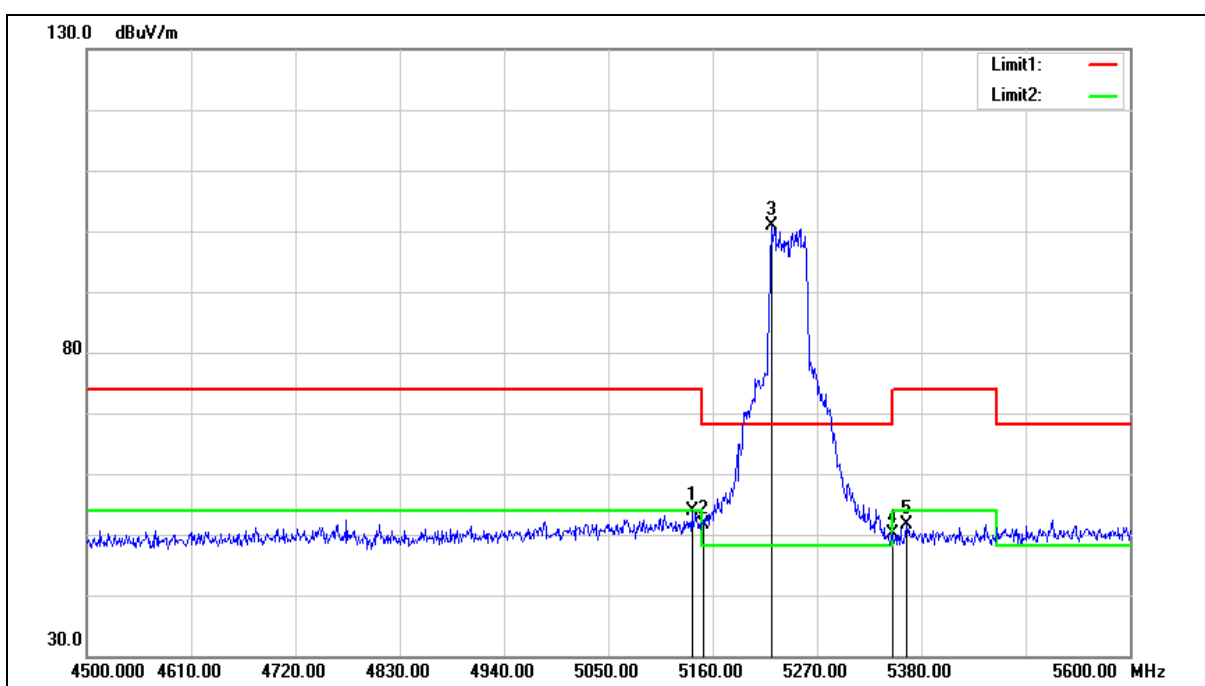
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5132.500	62.44	-0.10	62.34	74.00	-11.66	peak
2	5150.000	62.05	-0.08	61.97	74.00	-12.03	peak
3	5201.800	110.18	0.02	110.20	68.20	42.00	peak
4	5350.000	57.07	0.30	57.37	74.00	-16.63	peak
5	5459.200	58.75	0.51	59.26	74.00	-14.74	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		



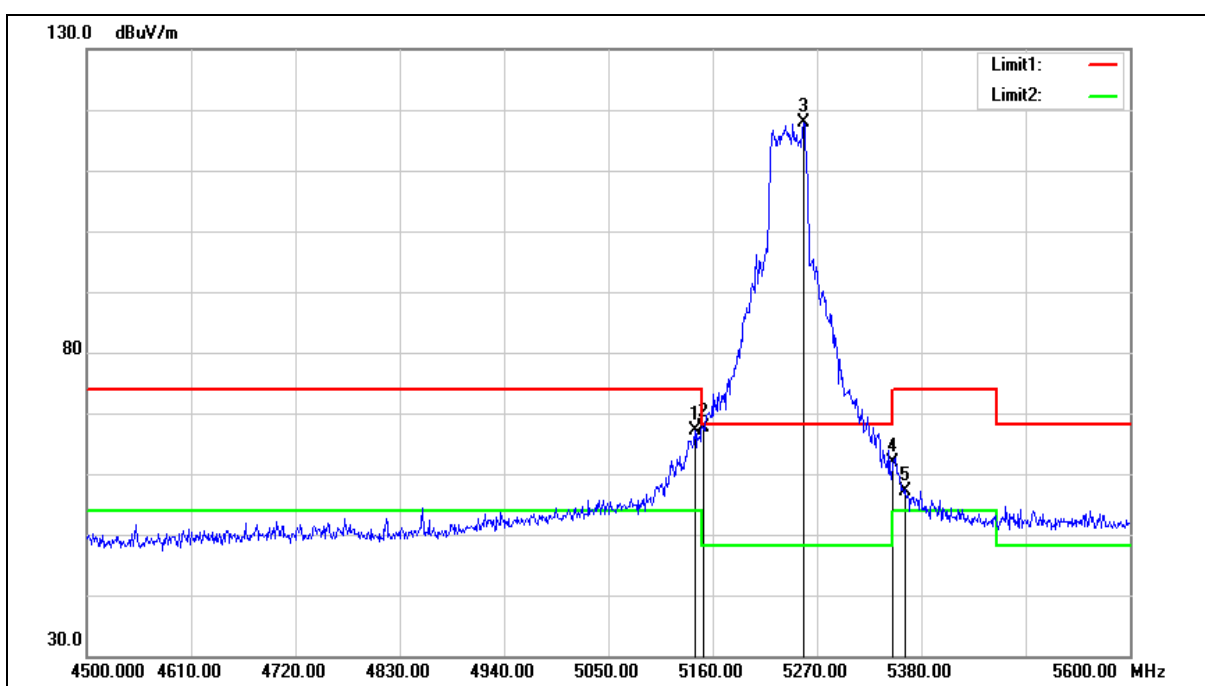
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5138.000	53.63	0.26	53.89	74.00	-20.11	peak
2	5150.000	51.32	0.27	51.59	74.00	-22.41	peak
3*	5222.700	100.96	0.01	100.97	68.20	32.77	peak
4	5350.000	50.19	-0.12	50.07	74.00	-23.93	peak
5	5364.600	51.68	0.01	51.69	74.00	-22.31	peak

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

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

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

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



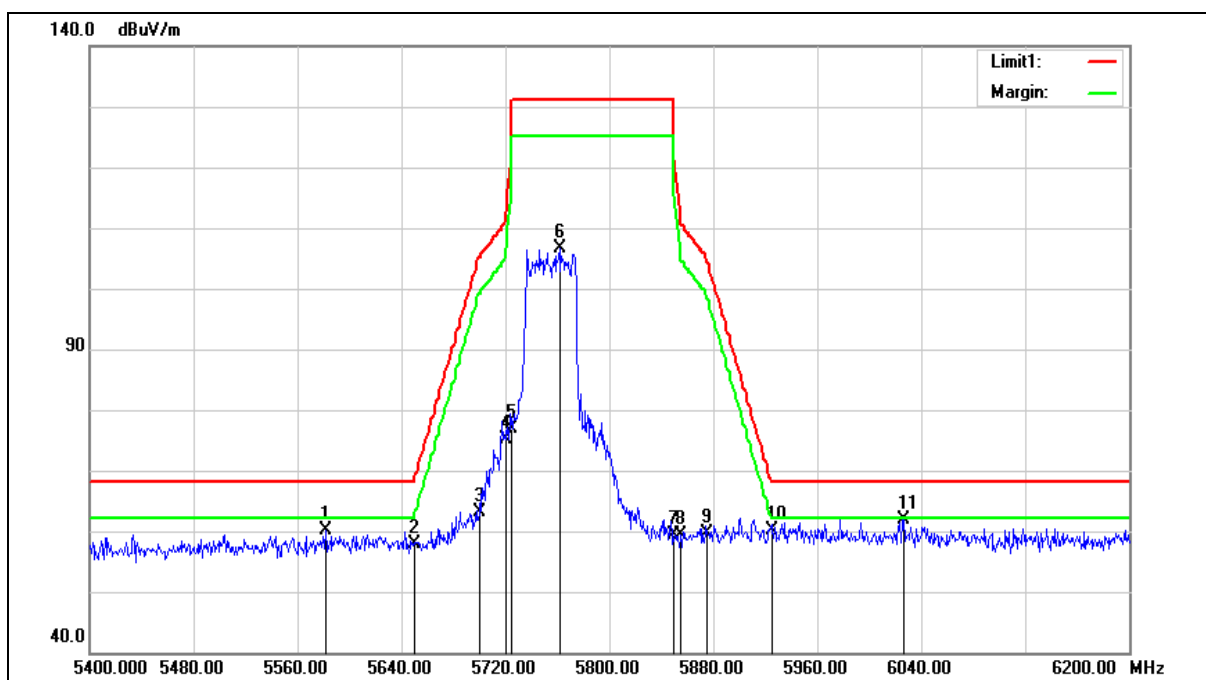
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.300	66.92	0.26	67.18	74.00	-6.82	peak
2	5150.000	67.40	0.27	67.67	74.00	-6.33	peak
3*	5255.700	118.11	-0.14	117.97	68.20	49.77	peak
4	5350.000	62.11	-0.12	61.99	74.00	-12.01	peak
5	5363.500	57.24	0.00	57.24	74.00	-16.76	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:	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		

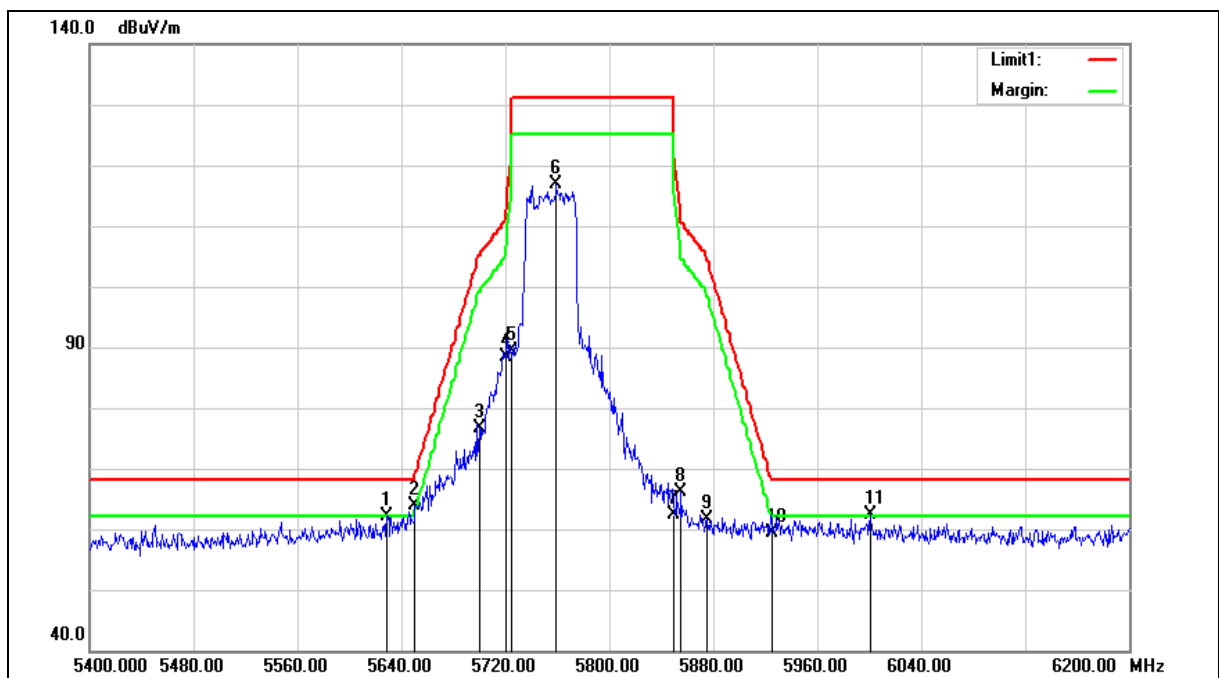
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5581.600	59.25	0.79	60.04	68.20	-8.16	peak
2	5650.000	56.91	0.97	57.88	68.20	-10.32	peak
3	5700.000	62.12	1.11	63.23	105.20	-41.97	peak
4	5720.000	74.05	1.17	75.22	110.80	-35.58	peak
5	5725.000	75.59	1.18	76.77	122.20	-45.43	peak
6	5761.600	105.45	1.28	106.73	131.20	-24.47	peak
7	5850.000	57.91	1.52	59.43	122.20	-62.77	peak
8	5855.000	57.75	1.53	59.28	110.80	-51.52	peak
9	5875.000	57.97	1.59	59.56	105.20	-45.64	peak
10	5925.000	58.52	1.72	60.24	68.20	-7.96	peak
11	6026.400	59.98	2.02	62.00	68.20	-6.20	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:	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		

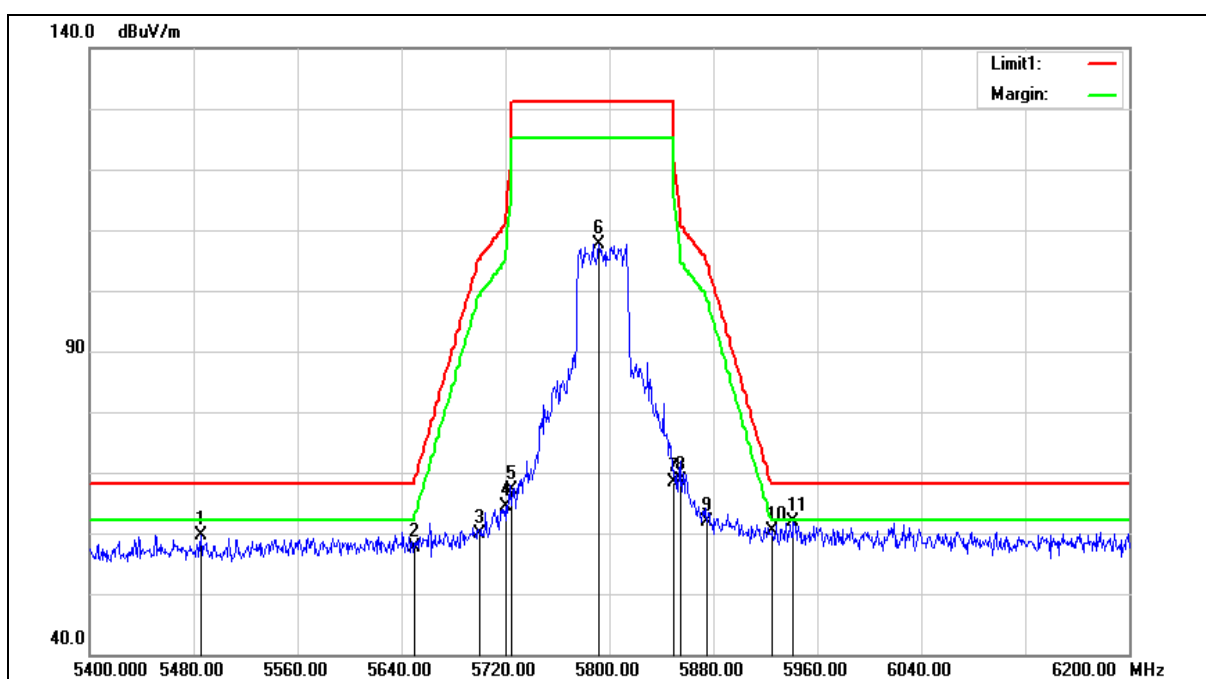
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5628.800	61.31	0.92	62.23	68.20	-5.97	peak
2	5650.000	62.81	0.97	63.78	68.20	-4.42	peak
3	5700.000	75.53	1.11	76.64	105.20	-28.56	peak
4	5720.000	87.20	1.17	88.37	110.80	-22.43	peak
5	5725.000	88.17	1.18	89.35	122.20	-32.85	peak
6	5759.200	115.60	1.27	116.87	131.20	-14.33	peak
7	5850.000	60.86	1.52	62.38	122.20	-59.82	peak
8	5855.000	64.50	1.53	66.03	110.80	-44.77	peak
9	5875.000	59.96	1.59	61.55	105.20	-43.65	peak
10	5925.000	57.56	1.72	59.28	68.20	-8.92	peak
11	6000.800	60.37	1.92	62.29	68.20	-5.91	peak

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

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

3.When the peak results are 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		

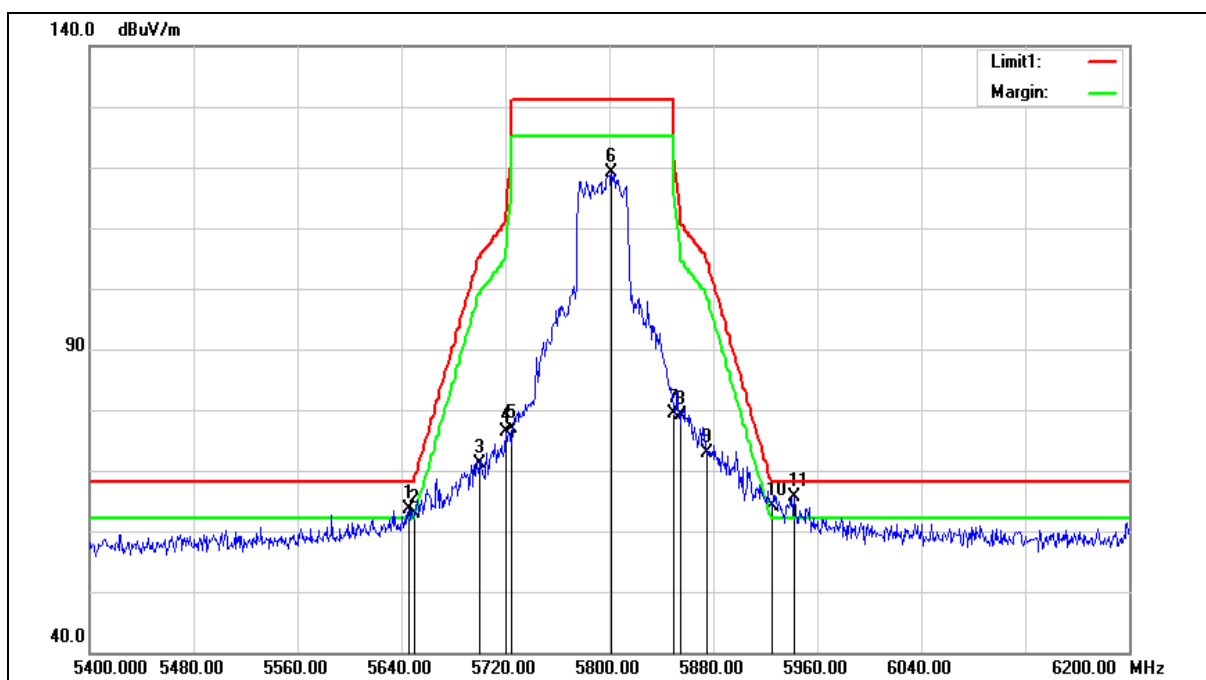
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5485.600	59.11	0.55	59.66	68.20	-8.54	peak
2	5650.000	56.58	0.97	57.55	68.20	-10.65	peak
3	5700.000	58.75	1.11	59.86	105.20	-45.34	peak
4	5720.000	63.12	1.17	64.29	110.80	-46.51	peak
5	5725.000	66.02	1.18	67.20	122.20	-55.00	peak
6	5792.000	106.35	1.36	107.71	131.20	-23.49	peak
7	5850.000	66.84	1.52	68.36	122.20	-53.84	peak
8	5855.000	67.05	1.53	68.58	110.80	-42.22	peak
9	5875.000	60.38	1.59	61.97	105.20	-43.23	peak
10	5925.000	58.76	1.72	60.48	68.20	-7.72	peak
11	5941.600	60.10	1.77	61.87	68.20	-6.33	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:	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		

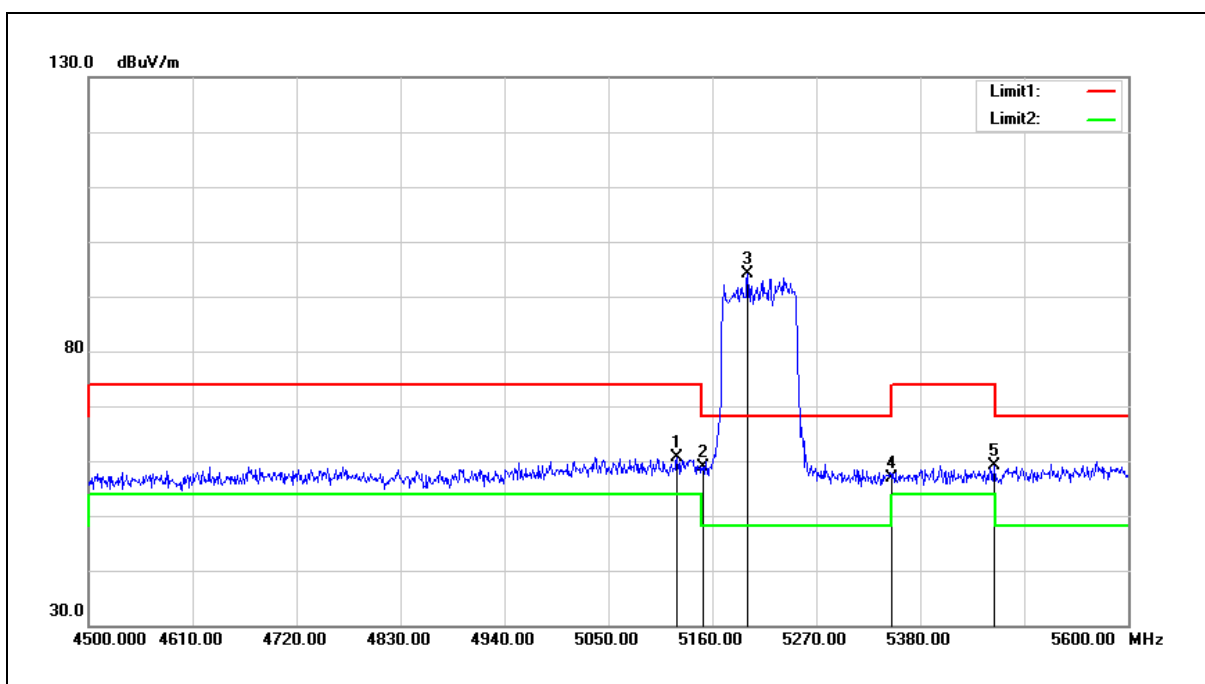
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5645.600	62.66	0.96	63.62	68.20	-4.58	peak
2	5650.000	62.01	0.97	62.98	68.20	-5.22	peak
3	5700.000	70.10	1.11	71.21	105.20	-33.99	peak
4	5720.000	75.23	1.17	76.40	110.80	-34.40	peak
5	5725.000	75.77	1.18	76.95	122.20	-45.25	peak
6	5801.600	117.68	1.39	119.07	131.20	-12.13	peak
7	5850.000	77.77	1.52	79.29	122.20	-42.91	peak
8	5855.000	77.72	1.53	79.25	110.80	-31.55	peak
9	5875.000	71.34	1.59	72.93	105.20	-32.27	peak
10	5925.000	62.35	1.72	64.07	68.20	-4.13	peak
11	5942.400	63.90	1.77	65.67	68.20	-2.53	peak

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

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

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

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



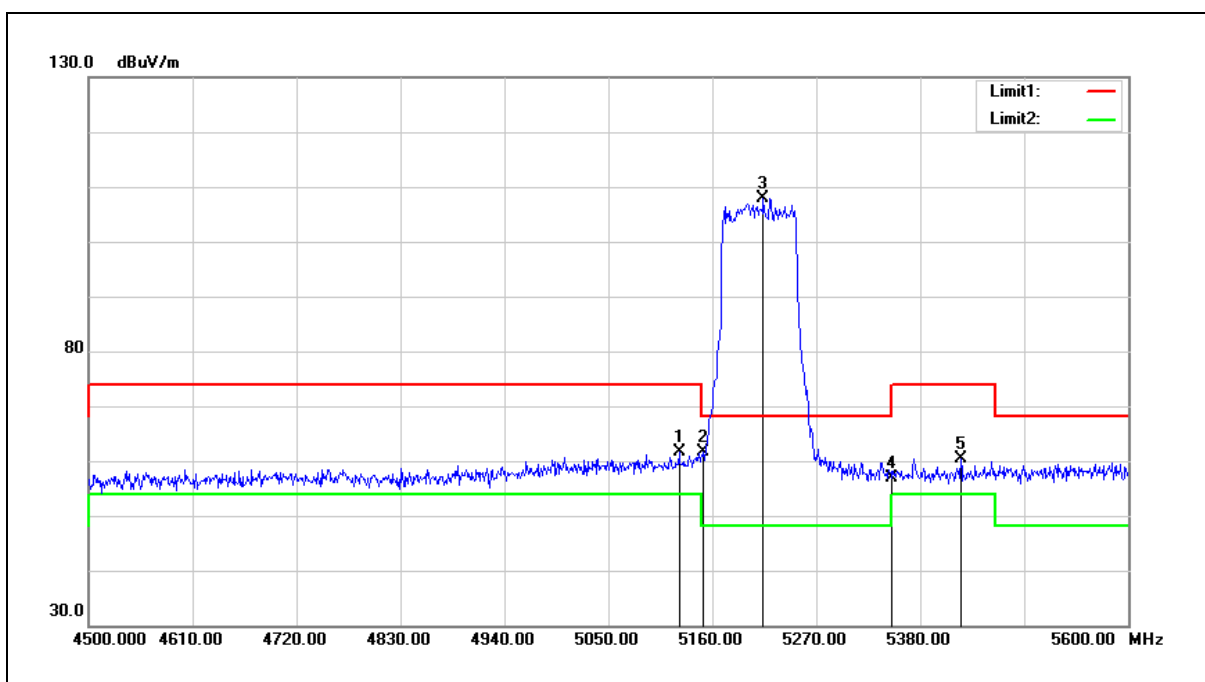
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5122.600	60.75	-0.13	60.62	74.00	-13.38	peak
2	5150.000	59.07	-0.08	58.99	74.00	-15.01	peak
3	5197.400	94.15	0.01	94.16	68.20	25.96	peak
4	5350.000	56.48	0.30	56.78	74.00	-17.22	peak
5	5458.100	58.56	0.50	59.06	74.00	-14.94	peak

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

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

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

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



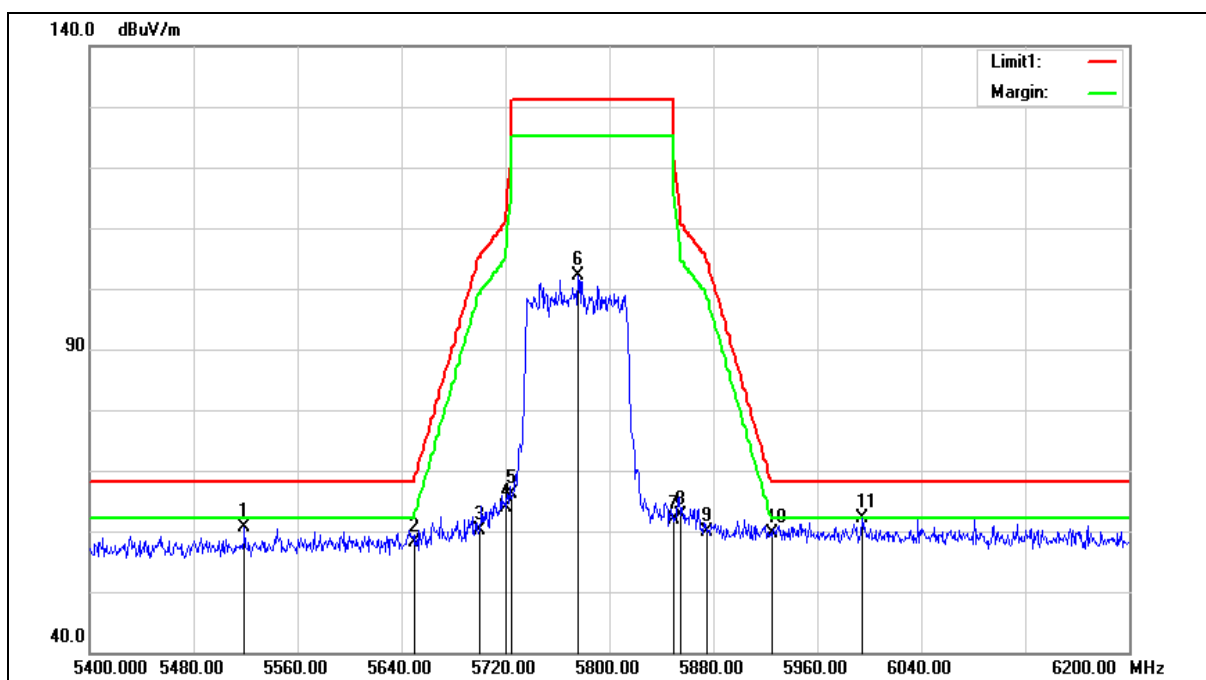
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5124.800	61.79	-0.13	61.66	74.00	-12.34	peak
2	5150.000	61.80	-0.08	61.72	74.00	-12.28	peak
3	5213.900	107.85	0.04	107.89	68.20	39.69	peak
4	5350.000	56.57	0.30	56.87	74.00	-17.13	peak
5	5422.900	59.92	0.43	60.35	74.00	-13.65	peak

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

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

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

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

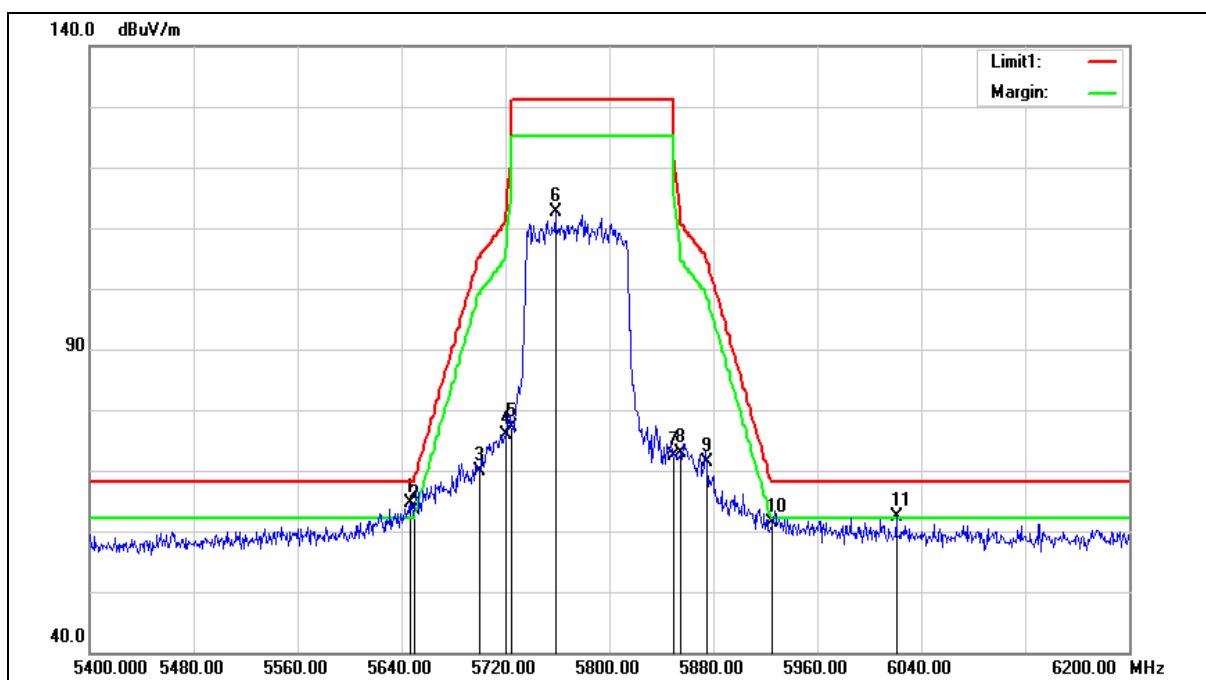
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5519.200	60.04	0.62	60.66	68.20	-7.54	peak
2	5650.000	57.11	0.97	58.08	68.20	-10.12	peak
3	5700.000	58.90	1.11	60.01	105.20	-45.19	peak
4	5720.000	62.73	1.17	63.90	110.80	-46.90	peak
5	5725.000	65.02	1.18	66.20	122.20	-56.00	peak
6	5776.000	100.74	1.32	102.06	131.20	-29.14	peak
7	5850.000	60.45	1.52	61.97	122.20	-60.23	peak
8	5855.000	61.18	1.53	62.71	110.80	-48.09	peak
9	5875.000	58.21	1.59	59.80	105.20	-45.40	peak
10	5925.000	57.81	1.72	59.53	68.20	-8.67	peak
11	5994.400	60.14	1.91	62.05	68.20	-6.15	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:	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	5646.400	63.61	0.97	64.58	68.20	-3.62	peak
2	5650.000	62.59	0.97	63.56	68.20	-4.64	peak
3	5700.000	68.79	1.11	69.90	105.20	-35.30	peak
4	5720.000	74.60	1.17	75.77	110.80	-35.03	peak
5	5725.000	75.93	1.18	77.11	122.20	-45.09	peak
6	5758.400	111.27	1.27	112.54	131.20	-18.66	peak
7	5850.000	70.91	1.52	72.43	122.20	-49.77	peak
8	5855.000	71.34	1.53	72.87	110.80	-37.93	peak
9	5875.000	69.80	1.59	71.39	105.20	-33.81	peak
10	5925.000	59.54	1.72	61.26	68.20	-6.94	peak
11	6020.800	60.39	1.99	62.38	68.20	-5.82	peak

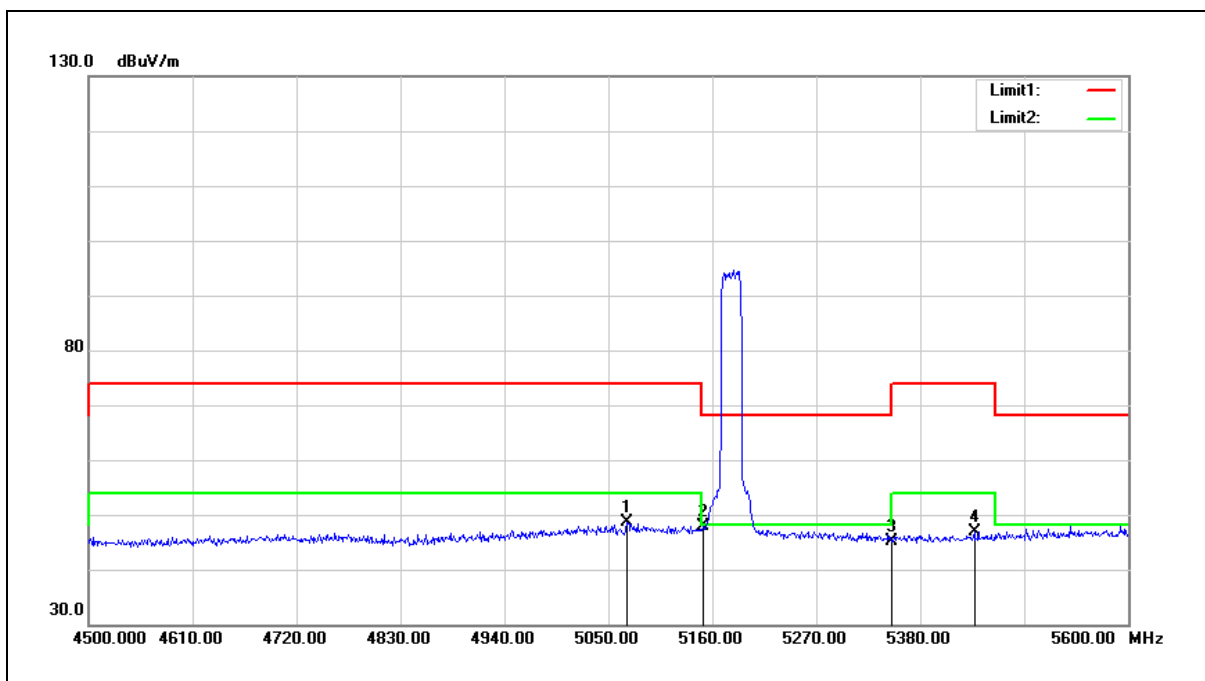
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.

Average

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



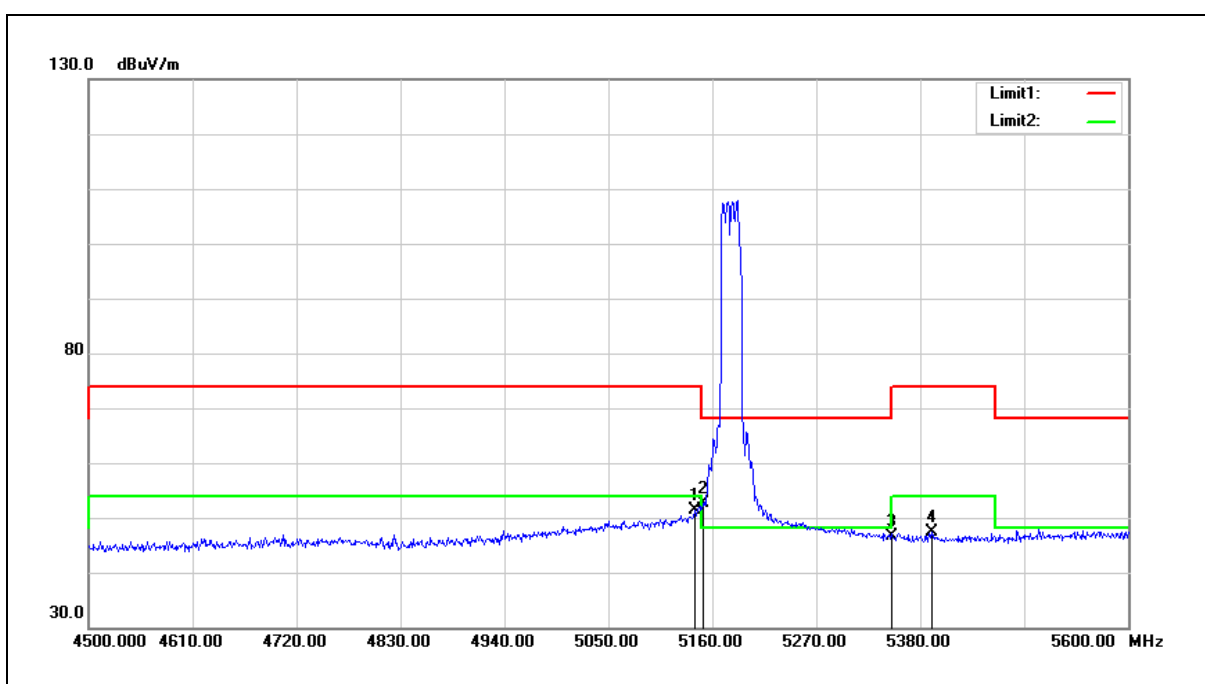
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5069.800	48.87	-0.23	48.64	54.00	-5.36	AVG
2	5150.000	48.07	-0.08	47.99	54.00	-6.01	AVG
3	5350.000	44.88	0.30	45.18	54.00	-8.82	AVG
4	5437.200	46.41	0.46	46.87	54.00	-7.13	AVG

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		



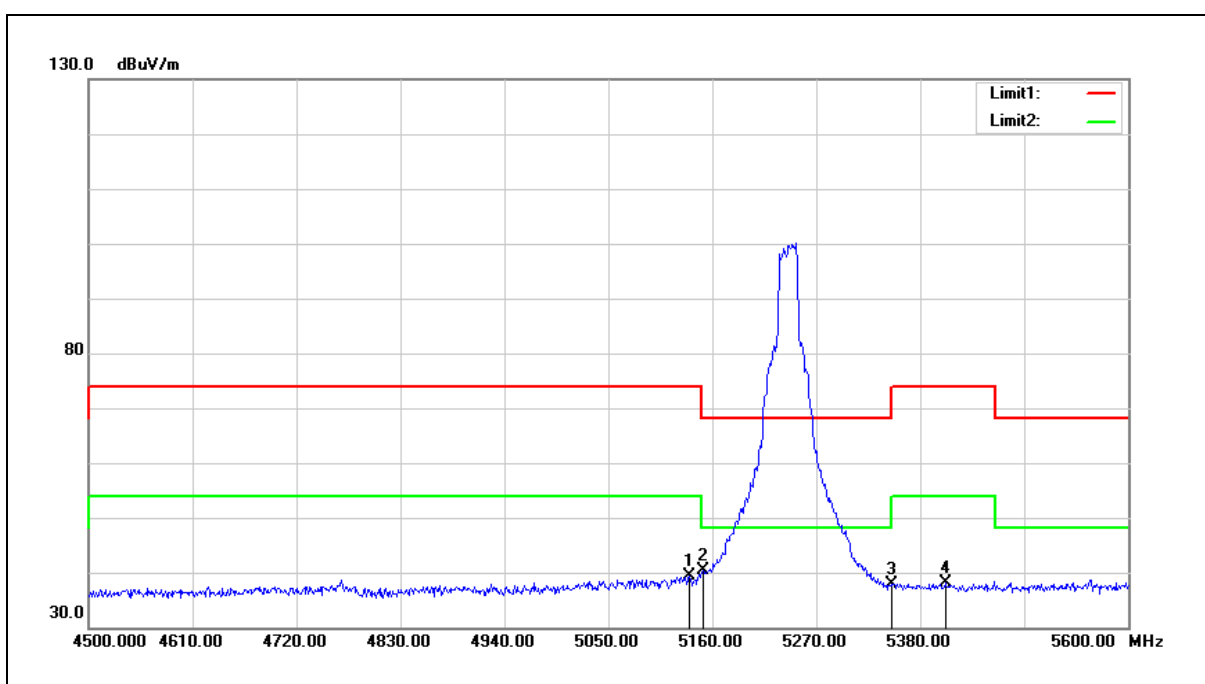
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.300	51.40	-0.10	51.30	54.00	-2.70	AVG
2	5150.000	52.64	-0.08	52.56	54.00	-1.44	AVG
3	5350.000	46.37	0.30	46.67	54.00	-7.33	AVG
4	5392.100	46.91	0.37	47.28	54.00	-6.72	AVG

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		



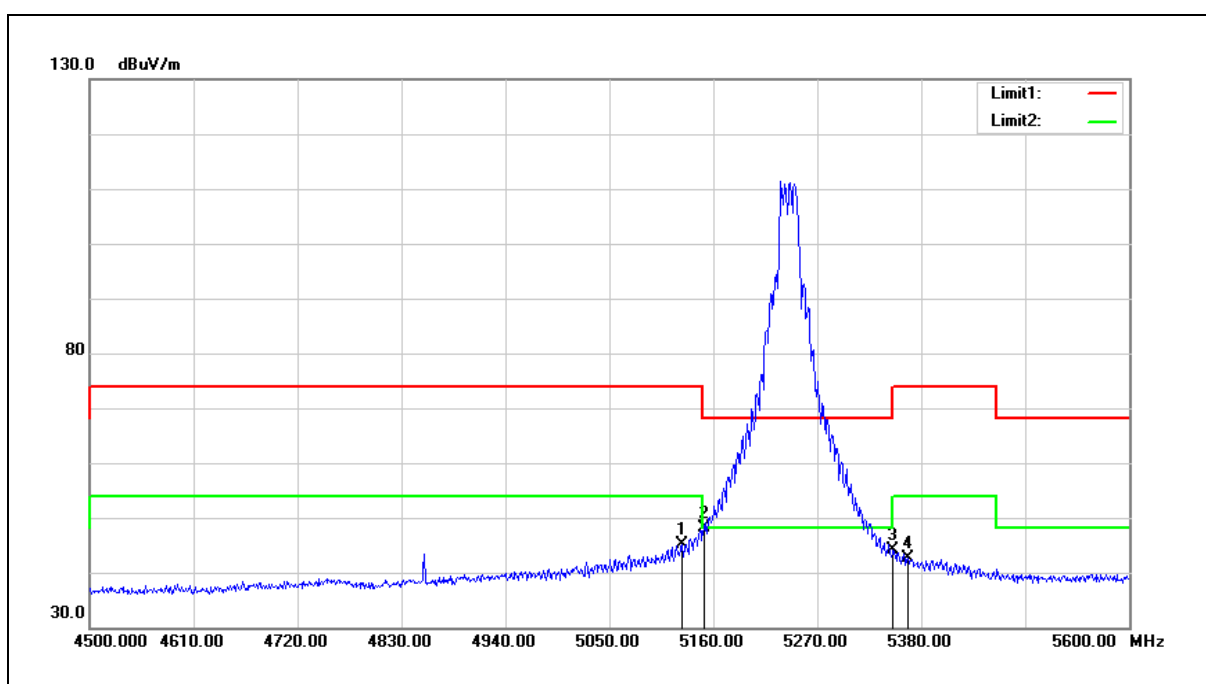
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5135.800	39.00	0.26	39.26	54.00	-14.74	AVG
2	5150.000	40.12	0.27	40.39	54.00	-13.61	AVG
3	5350.000	37.97	-0.12	37.85	54.00	-16.15	AVG
4	5406.400	37.78	0.35	38.13	54.00	-15.87	AVG

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

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

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

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



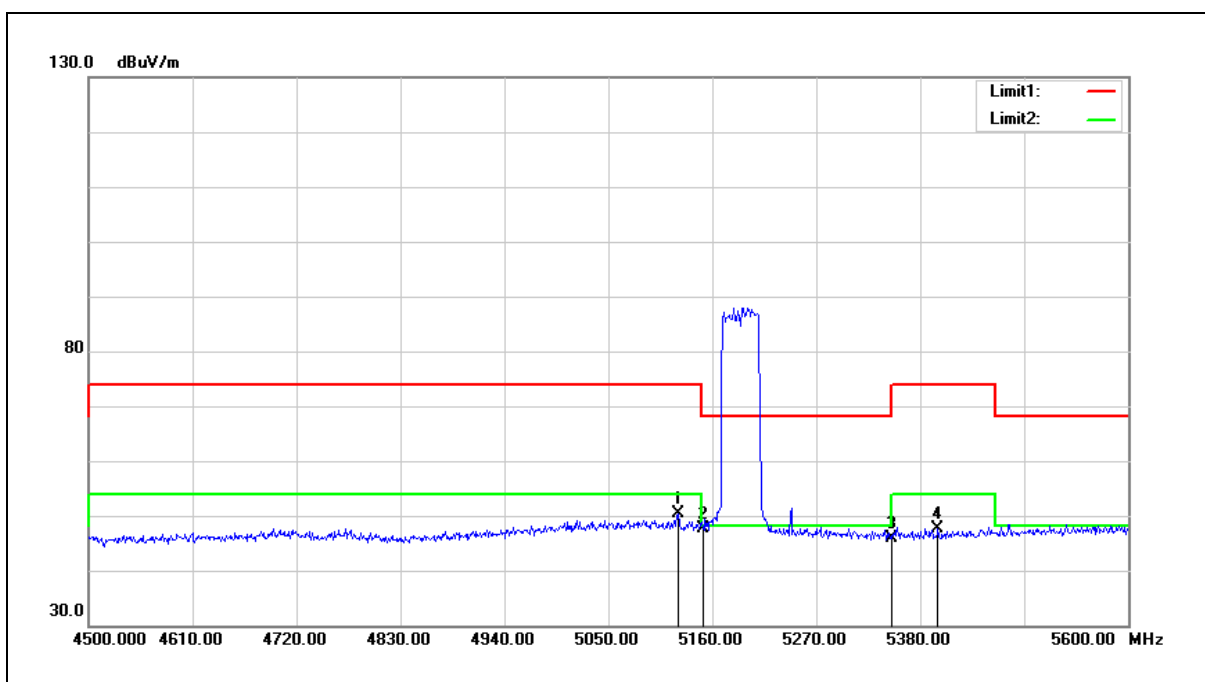
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5127.000	44.88	0.24	45.12	54.00	-8.88	AVG
2	5150.000	47.90	0.27	48.17	54.00	-5.83	AVG
3	5350.000	44.18	-0.12	44.06	54.00	-9.94	AVG
4	5365.700	42.55	0.02	42.57	54.00	-11.43	AVG

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

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

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

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



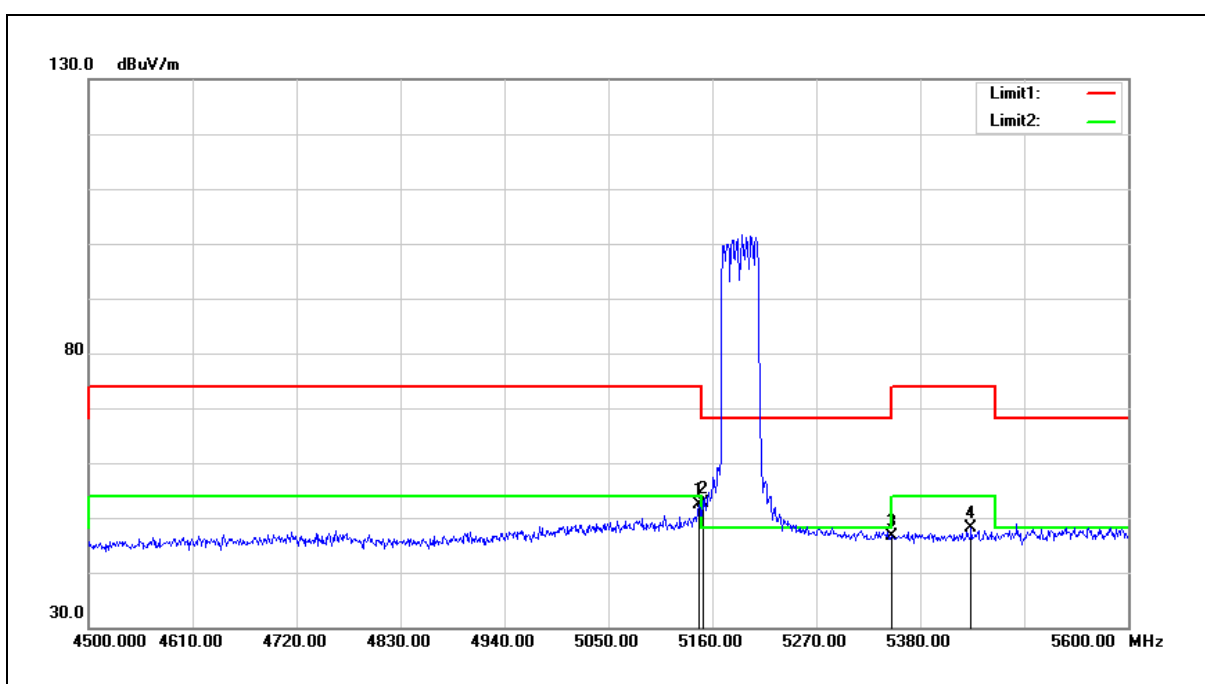
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5123.700	50.44	-0.13	50.31	54.00	-3.69	AVG
2	5150.000	47.71	-0.08	47.63	54.00	-6.37	AVG
3	5350.000	45.63	0.30	45.93	54.00	-8.07	AVG
4	5398.700	47.19	0.39	47.58	54.00	-6.42	AVG

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



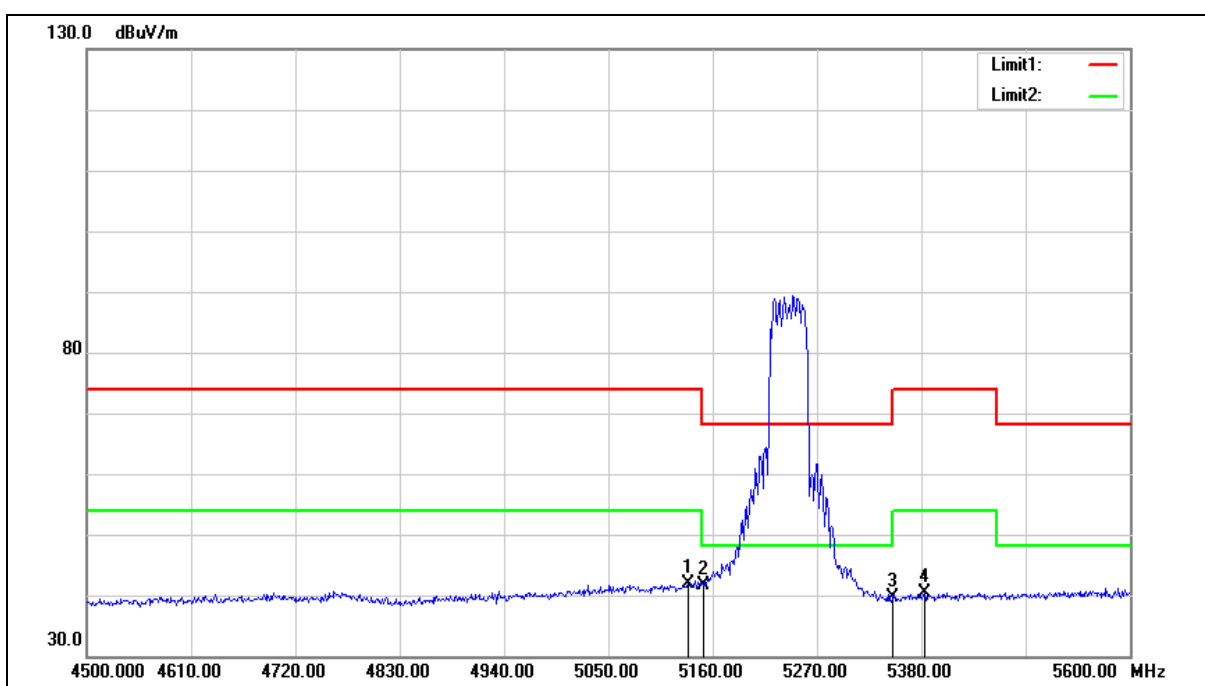
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	52.35	-0.08	52.27	54.00	-1.73	AVG
2	5150.000	52.75	-0.08	52.67	54.00	-1.33	AVG
3	5350.000	46.22	0.30	46.52	54.00	-7.48	AVG
4	5433.900	47.60	0.46	48.06	54.00	-5.94	AVG

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

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

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

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



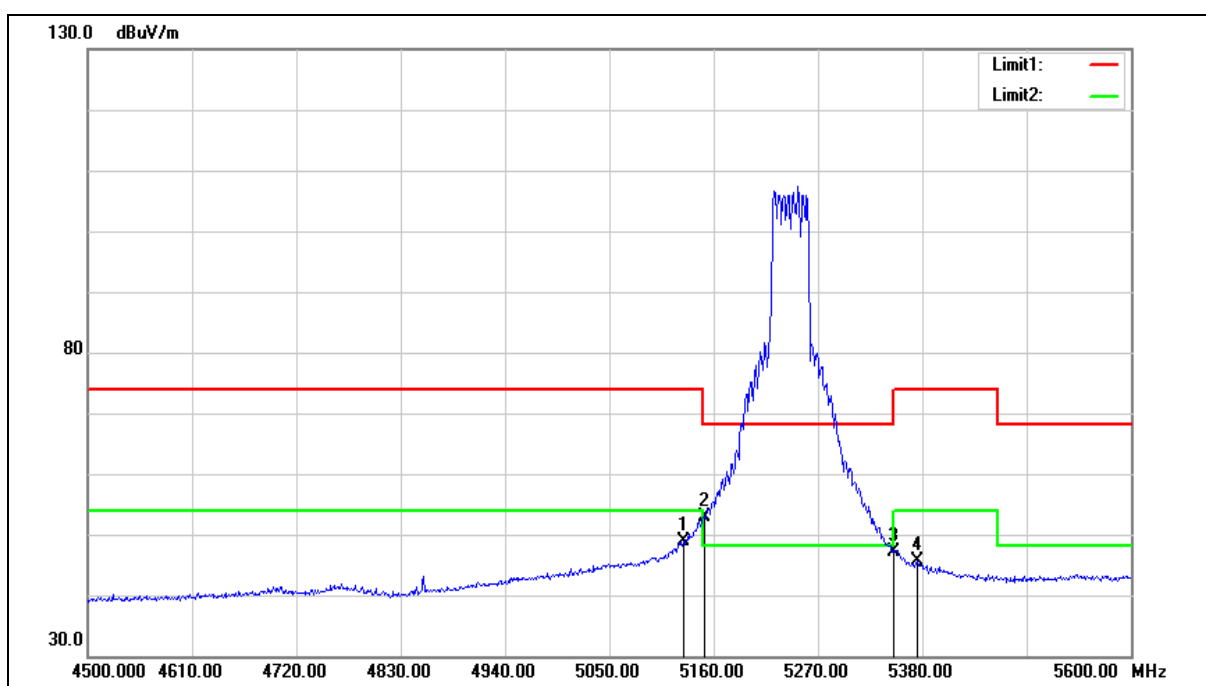
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5133.600	41.57	0.26	41.83	54.00	-12.17	AVG
2	5150.000	41.46	0.27	41.73	54.00	-12.27	AVG
3	5350.000	39.74	-0.12	39.62	54.00	-14.38	AVG
4	5383.300	40.25	0.19	40.44	54.00	-13.56	AVG

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

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

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

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



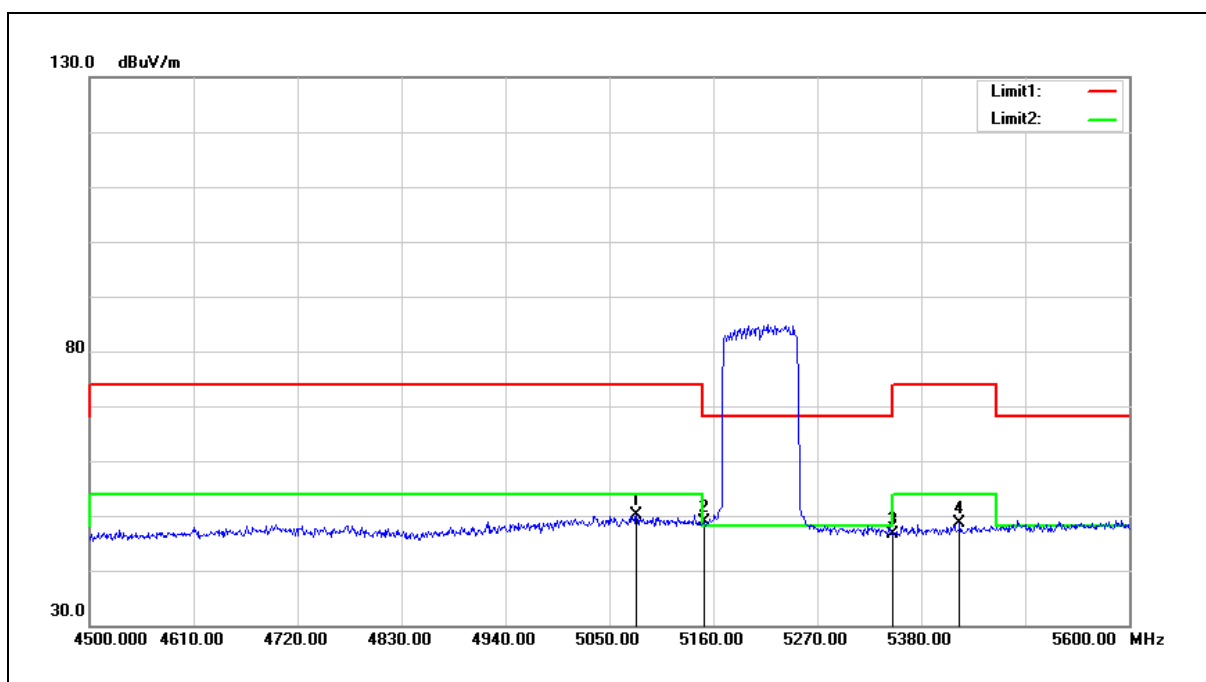
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5128.100	48.56	0.24	48.80	54.00	-5.20	AVG
2*	5150.000	52.67	0.27	52.94	54.00	-1.06	AVG
3	5350.000	47.16	-0.12	47.04	54.00	-6.96	AVG
4	5374.500	45.45	0.11	45.56	54.00	-8.44	AVG

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		



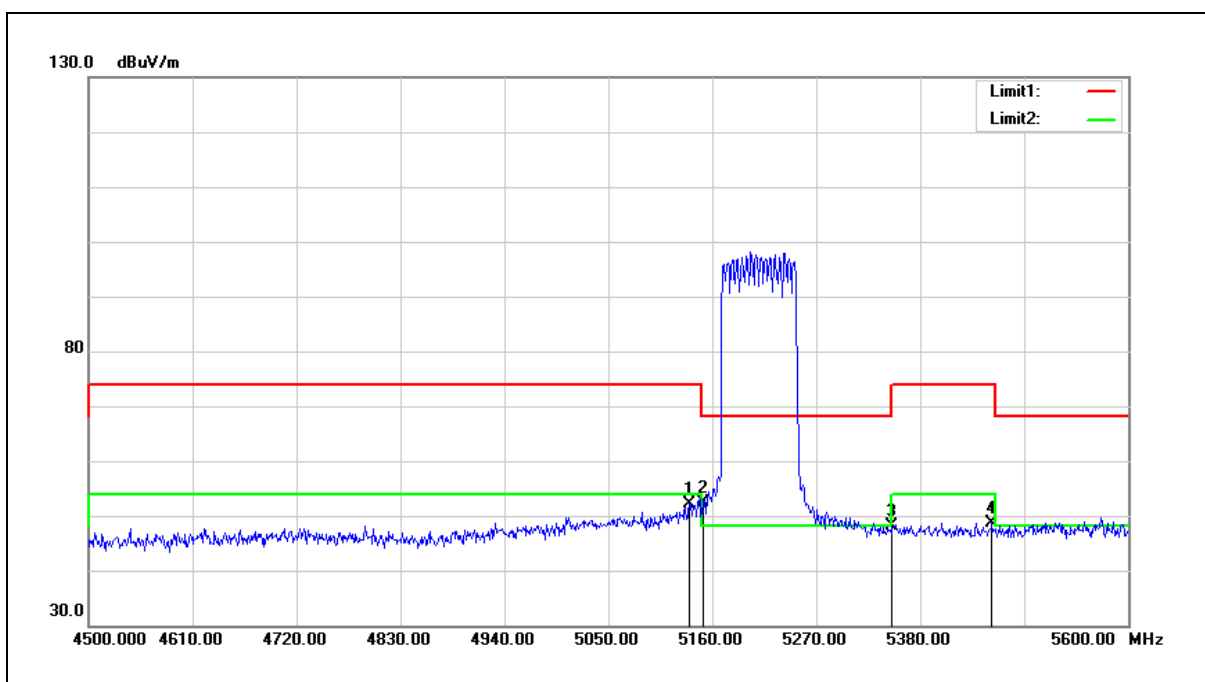
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5078.600	50.37	-0.21	50.16	54.00	-3.84	AVG
2	5150.000	48.92	-0.08	48.84	54.00	-5.16	AVG
3	5350.000	46.31	0.30	46.61	54.00	-7.39	AVG
4	5420.700	48.12	0.43	48.55	54.00	-5.45	AVG

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

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

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

Standard:	FCC Part 15.407	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	5135.800	52.32	-0.10	52.22	54.00	-1.78	AVG
2	5150.000	52.55	-0.08	52.47	54.00	-1.53	AVG
3	5350.000	47.74	0.30	48.04	54.00	-5.96	AVG
4	5455.900	48.17	0.49	48.66	54.00	-5.34	AVG

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

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

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