RF Test Report

Applicant	:	Synology Inc.
Product Name	:	Synology 11ax router
Trade Name	:	Synology
Model Number	:	WRX560
Applicable Standard	:	FCC 47 CFR PART 15 SUBPART E ANSI C63.10:2013
Received Date	:	Jan. 19, 2022
Test Period	:	Apr. 16 ~ Jul. 11, 2022
Issued Date	:	Aug. 18, 2022

Issued by

A Test Lab Techno Corp.
No. 140-1, Changan Street, Bade District,
Taoyuan City 334025, Taiwan (R.O.C.)
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Taiwan Accreditation Foundation accreditation number: 1330
Frequency Range : 9 kHz to 40 GHz
Test Firm MRA designation number: TW0010

Note:

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

Revision History

Rev.	Issued Date	Revisions	Revised By
00	Aug. 11, 2022	Initial Issue	Emma Chao
01	Aug. 18, 2022	Update chapter 3 (P.25) Update chapter 4 (P.43) Update chapter 5 (P.415~P.416、P.493)	Emma Chao

Verification of Compliance

Applicant	:	Synology Inc.
Product Name	:	Synology 11ax router
Trade Name	:	Synology
Model Number	:	WRX560
FCC ID	:	YOR-WRX560
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

(Kai Yu Yang)

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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	Reference	---
15.407(e)	6 dB RF Bandwidth	PASS	---
15.407(a)	Maximum Power Spectral Density	PASS	---
15.407(c)	Automatically discontinue transmission	PASS	---
15.407(a) 15.203	Antenna Requirement	PASS	---

Decision Rule

■ Uncertainty is not included.

□ Uncertainty is included.

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

1.2. Measurement Uncertainty

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

2 EUT Description

Applicant	Synology Inc. 9F., No.1, Yuandong Rd., Banqiao Dist., New Taipei City 220632			
Product Name	Synology 11ax router			
Trade Name	Synology			
Model Number	WRX560			
FCC ID	YOR-WRX560			
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels
	IEEE 802.11a	U-NII Band 1	5180 – 5240	4
		U-NII Band 2-A	5260 – 5320	4
		U-NII Band 2-C	5500 – 5700	11
		Straddle band	5720	1
		U-NII Band 3	5745 – 5825	5
		U-NII Band 4 (5850 - 5895 MHz)	5845 – 5885	3
	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 2-A	5260 – 5320	4
		U-NII Band 2-C	5500 – 5700	11
		Straddle band	5720	1
		U-NII Band 3	5745 – 5825	5
		U-NII Band 4 (5850 - 5895 MHz)	5845 – 5885	3
	IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz/ IEEE 802.11ax 40 MHz	U-NII Band 1	5190 – 5230	2
		U-NII Band 2-A	5270 – 5310	2
		U-NII Band 2-C	5510 – 5670	5
		Straddle band	5710	1
		U-NII Band 3	5755 – 5795	2
		U-NII Band 4 (5850 - 5895 MHz)	5835 – 5875	2
	IEEE 802.11ac 80 MHz/ IEEE 802.11ax 80 MHz	U-NII Band 1	5210	1
		U-NII Band 2-A	5290	1
		U-NII Band 2-C	5530 – 5610	2
		Straddle band	5690	1
		U-NII Band 3	5775	1
		U-NII Band 4 (5850 - 5895 MHz)	5855	1
	IEEE 802.11ac 80 + 80 MHz / IEEE 802.11ax 80 + 80 MHz	U-NII Band 1	5210	1
		U-NII Band 2-A	5290	1
		U-NII Band 2-C	5530 – 5610	2
		U-NII Band 3	5775	1
		U-NII Band 4 (5850 - 5895 MHz)	5855	1

Modulation Type	OFDM/OFDMA				
Antenna information	Antenna	Model	Type	Max. Gain (dBi)	
	Ant3 (ANT-0)	MLX22M-121AA0-A	DIPOLE	U-NII Band 1	2.0
				U-NII Band 2-A	2.0
				U-NII Band 2-C	2.1
				U-NII Band 3	2.3
				U-NII Band 4	2.3
	Ant4 (ANT-1)	MLX22M-121AA0-A	DIPOLE	U-NII Band 1	2.7
				U-NII Band 2-A	2.7
				U-NII Band 2-C	2.4
				U-NII Band 3	2.5
				U-NII Band 4	2.5
	Ant5 (ANT-2)	MLX22M-121AA0-A	DIPOLE	U-NII Band 1	3.5
				U-NII Band 2-A	3.5
				U-NII Band 2-C	3.4
				U-NII Band 3	3.4
				U-NII Band 4	3.4
	Ant6 (ANT-3)	MLX22M-121AA0-A	DIPOLE	U-NII Band 1	2.4
				U-NII Band 2-A	2.4
				U-NII Band 2-C	2.2
				U-NII Band 3	2.3
				U-NII Band 4	2.3
Antenna Delivery	Reference section 3.1				
Operate Temp. Range	5 ~ 40 ℃				
EUT Power Rating	DC 12 V, 2.5 A				

Frequency Band		RF Output Power (W)
IEEE 802.11a	U-NII Band 1	0.396
	U-NII Band 2-A	0.094
	U-NII Band 2-C	0.081
	U-NII Band 3	0.955
	U-NII Band 4 (5850 - 5895 MHz)	0.136
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	0.385
	U-NII Band 2-A	0.096
	U-NII Band 2-C	0.089
	U-NII Band 3	0.904
	U-NII Band 4 (5850 - 5895 MHz)	0.188
IEEE 802.11n 5 GHz 40 MHz	U-NII Band 1	0.617
	U-NII Band 2-A	0.187
	U-NII Band 2-C	0.150
	U-NII Band 3	0.883
	U-NII Band 4 (5850 - 5895 MHz)	0.292
IEEE 802.11ac 20 MHz	U-NII Band 1	0.388
	U-NII Band 2-A	0.097
	U-NII Band 2-C	0.090
	U-NII Band 3	0.916
	U-NII Band 4 (5850 - 5895 MHz)	0.191
IEEE 802.11ac 40 MHz	U-NII Band 1	0.628
	U-NII Band 2-A	0.190
	U-NII Band 2-C	0.153
	U-NII Band 3	0.893
	U-NII Band 4 (5850 - 5895 MHz)	0.299
IEEE 802.11ac 80 MHz	U-NII Band 1	0.178
	U-NII Band 2-A	0.213
	U-NII Band 2-C	0.238
	U-NII Band 3	0.764
	U-NII Band 4 (5850 - 5895 MHz)	0.502
IEEE 802.11ac 80 + 80 MHz	U-NII Band 1	0.076
	U-NII Band 2-A	0.077
	U-NII Band 2-C (ANT-0+ANT-1)	0.202
	U-NII Band 2-C (ANT-2+ANT-3)	0.175
	U-NII Band 3	0.581
	U-NII Band 4 (5850 - 5895 MHz)	0.454

Frequency Band		RF Output Power (W)
IEEE 802.11ax 20 MHz	U-NII Band 1	0.394
	U-NII Band 2-A	0.099
	U-NII Band 2-C	0.091
	U-NII Band 3	0.929
	U-NII Band 4 (5850 - 5895 MHz)	0.195
IEEE 802.11ax 40 MHz	U-NII Band 1	0.635
	U-NII Band 2-A	0.195
	U-NII Band 2-C	0.156
	U-NII Band 3	0.908
	U-NII Band 4 (5850 - 5895 MHz)	0.305
IEEE 802.11ax 80 MHz	U-NII Band 1	0.183
	U-NII Band 2-A	0.215
	U-NII Band 2-C	0.241
	U-NII Band 3	0.778
	U-NII Band 4 (5850 - 5895 MHz)	0.512
IEEE 802.11ax 80 + 80 MHz	U-NII Band 1	0.077
	U-NII Band 2-A	0.078
	U-NII Band 2-C (ANT-0+ANT-1)	0.206
	U-NII Band 2-C (ANT-2+ANT-3)	0.178
	U-NII Band 3	0.591
	U-NII Band 4 (5850 - 5895 MHz)	0.462

Frequency Band (5.850-5.895 GHz band or spans across 5.725-5.895 GHz)		EIRP (W)
IEEE 802.11a	U-NII Band 4 (5850 - 5895 MHz)	0.298
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.412
IEEE 802.11n 5 GHz 40 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.638
IEEE 802.11ac 20 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.419
IEEE 802.11ac 40 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.653
IEEE 802.11ac 80 MHz	U-NII Band 4 (5850 - 5895 MHz)	1.099
IEEE 802.11ac 80 + 80 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.993
IEEE 802.11ax 20 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.428
IEEE 802.11ax 40 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.667
IEEE 802.11ax 80 MHz	U-NII Band 4 (5850 - 5895 MHz)	1.119
IEEE 802.11ax 80 + 80 MHz	U-NII Band 4 (5850 - 5895 MHz)	1.011

Beamforming on

Frequency Band		RF Output Power (W)
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	0.093
	U-NII Band 2-A	0.023
	U-NII Band 2-C	0.020
	U-NII Band 3	0.210
	U-NII Band 4 (5850 - 5895 MHz)	0.044
IEEE 802.11n 5 GHz 40 MHz	U-NII Band 1	0.149
	U-NII Band 2-A	0.045
	U-NII Band 2-C	0.036
	U-NII Band 3	0.199
	U-NII Band 4 (5850 - 5895 MHz)	0.070
IEEE 802.11ac 20 MHz	U-NII Band 1	0.095
	U-NII Band 2-A	0.023
	U-NII Band 2-C	0.021
	U-NII Band 3	0.214
	U-NII Band 4 (5850 - 5895 MHz)	0.045
IEEE 802.11ac 40 MHz	U-NII Band 1	0.151
	U-NII Band 2-A	0.046
	U-NII Band 2-C	0.036
	U-NII Band 3	0.203
	U-NII Band 4 (5850 - 5895 MHz)	0.070
IEEE 802.11ac 80 MHz	U-NII Band 1	0.040
	U-NII Band 2-A	0.052
	U-NII Band 2-C	0.055
	U-NII Band 3	0.178
	U-NII Band 4 (5850 - 5895 MHz)	0.116
IEEE 802.11ac 80 + 80 MHz	U-NII Band 1	0.037
	U-NII Band 2-A	0.037
	U-NII Band 2-C (ANT-0+ANT-1)	0.099
	U-NII Band 2-C (ANT-2+ANT-3)	0.084
	U-NII Band 3	0.274
	U-NII Band 4 (5850 - 5895 MHz)	0.214

Frequency Band		RF Output Power (W)
IEEE 802.11ax 20 MHz	U-NII Band 1	0.096
	U-NII Band 2-A	0.024
	U-NII Band 2-C	0.021
	U-NII Band 3	0.218
	U-NII Band 4 (5850 - 5895 MHz)	0.046
IEEE 802.11ax 40 MHz	U-NII Band 1	0.154
	U-NII Band 2-A	0.047
	U-NII Band 2-C	0.037
	U-NII Band 3	0.207
	U-NII Band 4 (5850 - 5895 MHz)	0.071
IEEE 802.11ax 80 MHz	U-NII Band 1	0.041
	U-NII Band 2-A	0.053
	U-NII Band 2-C	0.058
	U-NII Band 3	0.181
	U-NII Band 4 (5850 - 5895 MHz)	0.118
IEEE 802.11ax 80 + 80 MHz	U-NII Band 1	0.037
	U-NII Band 2-A	0.038
	U-NII Band 2-C (ANT-0+ANT-1)	0.102
	U-NII Band 2-C (ANT-2+ANT-3)	0.086
	U-NII Band 3	0.281
	U-NII Band 4 (5850 - 5895 MHz)	0.219

Frequency Band (5.850-5.895 GHz band or spans across 5.725-5.895 GHz)		EIRP (W)
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.321
IEEE 802.11n 5 GHz 40 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.511
IEEE 802.11ac 20 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.327
IEEE 802.11ac 40 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.516
IEEE 802.11ac 80 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.853
IEEE 802.11ac 80 + 80 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.830
IEEE 802.11ax 20 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.335
IEEE 802.11ax 40 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.522
IEEE 802.11ax 80 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.869
IEEE 802.11ax 80 + 80 MHz	U-NII Band 4 (5850 - 5895 MHz)	0.847

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

3 Test Methodology

3.1. Mode of Operation

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

Pre-Test Mode
Mode 1: Transmit mode
Mode 2: IEEE 802.11a Continuous TX mode
Mode 3: IEEE 802.11n 5 GHz 20 MHz Continuous TX mode
Mode 4: IEEE 802.11n 5 GHz 40 MHz Continuous TX mode
Mode 5: IEEE 802.11ac 20 MHz Continuous TX mode
Mode 6: IEEE 802.11ac 40 MHz Continuous TX mode
Mode 7: IEEE 802.11ac 80 MHz Continuous TX mode
Mode 8: IEEE 802.11ac 80 + 80 MHz Continuous TX mode
Mode 9: IEEE 802.11ax 20 MHz Continuous TX mode
Mode 10: IEEE 802.11ax 40 MHz Continuous TX mode
Mode 11: IEEE 802.11ax 80 MHz Continuous TX mode
Mode 12: IEEE 802.11ax 80 + 80 MHz Continuous TX mode

Final-Test Mode
Mode 1: Transmit mode
Mode 2: IEEE 802.11a Continuous TX mode
Mode 9: IEEE 802.11ax 20 MHz Continuous TX mode
Mode 10: IEEE 802.11ax 40 MHz Continuous TX mode
Mode 11: IEEE 802.11ax 80 MHz Continuous TX mode
Mode 12: IEEE 802.11ax 80 + 80 MHz Continuous TX mode

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

Note 1: This product supports normal mode and Beamforming on mode. According to power table, the normal mode is worst power. So, normal mode has to test and record results for Conducted.

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

Note 3: 802.11 ax only support full RU.

Note 4: The device is used with adapter (number：2AEJ042FC) performing the test.

Note 5: Test item Bandedge has been evaluated and only the worst case is recorded in this report.

Test Mode	ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3 or ANT-0+1 or ANT-2+3
Mode 2	V	V	V	V	V
Mode 3	V	V	V	V	V
Mode 4	V	V	V	V	V
Mode 5	V	V	V	V	V
Mode 6	V	V	V	V	V
Mode 7	V	V	V	V	V
Mode 8	V	V	---	---	V
	---	---	V	V	V
Mode 9	V	V	V	V	V
Mode 10	V	V	V	V	V
Mode 11	V	V	V	V	V
Mode 12	V	V	---	---	V
	---	---	V	V	V

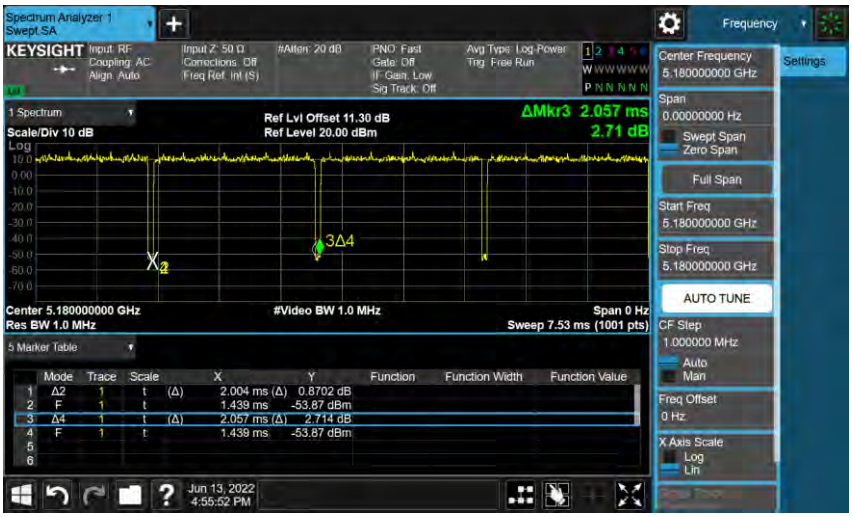
Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 2	4TX (CDD)	6	U-NII Band 1	36, 40, 48
			U-NII Band 2-A	52, 56, 64
			U-NII Band 2-C	100, 112, 140, 144
			U-NII Band 3	144, 149, 157, 165
			U-NII Band 4 (5850 - 5895 MHz)	169, 173, 177
Mode 3	4TX (CDD/Beamforming on)	26	U-NII Band 1	36, 40, 48
			U-NII Band 2-A	52, 56, 64
			U-NII Band 2-C	100, 112, 140, 144
			U-NII Band 3	144, 149, 157, 165
			U-NII Band 4 (5850 - 5895 MHz)	169, 173, 177
Mode 4	4TX (CDD/Beamforming on)	54	U-NII Band 1	38, 46
			U-NII Band 2-A	54, 62
			U-NII Band 2-C	102, 110, 134, 142
			U-NII Band 3	142, 151,159
			U-NII Band 4 (5850 - 5895 MHz)	167, 175
Mode 5	4TX (CDD/Beamforming on)	26	U-NII Band 1	36, 40, 48
			U-NII Band 2-A	52, 56, 64
			U-NII Band 2-C	100, 112, 140, 144
			U-NII Band 3	144, 149, 157, 165
			U-NII Band 4 (5850 - 5895 MHz)	169, 173, 177
Mode 6	4TX (CDD/Beamforming on)	54	U-NII Band 1	38, 46
			U-NII Band 2-A	54, 62
			U-NII Band 2-C	102, 110, 134, 142
			U-NII Band 3	142, 151,159
			U-NII Band 4 (5850 - 5895 MHz)	167, 175
Mode 7	4TX (CDD/Beamforming on)	117.2	U-NII Band 1	42
			U-NII Band 2-A	58
			U-NII Band 2-C	106, 122, 138
			U-NII Band 3	138, 155
			U-NII Band 4 (5850 - 5895 MHz)	171
Mode 8	2TX (CDD/Beamforming on)	117	U-NII Band 1	42
			U-NII Band 2-A	58
			U-NII Band 2-C	106, 122
			U-NII Band 3	155
			U-NII Band 4 (5850 - 5895 MHz)	171

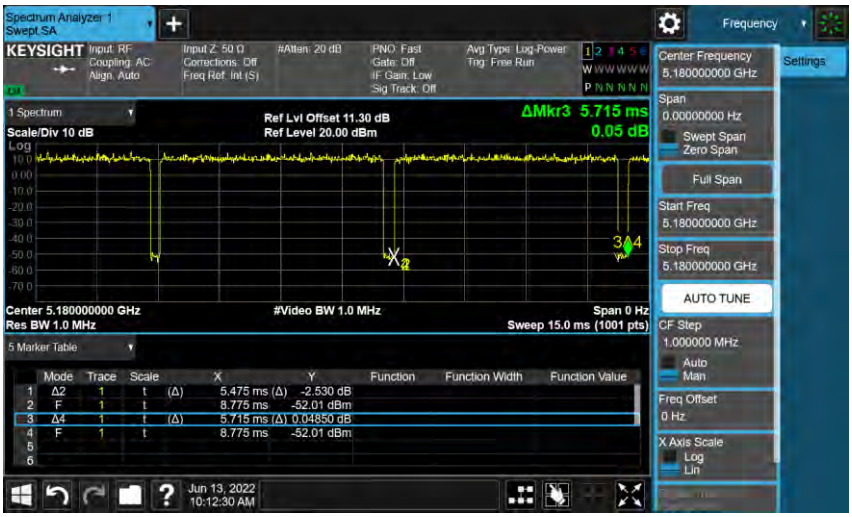
Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 9	4TX (CDD/Beamforming on)	MCS 0	U-NII Band 1	36, 40, 48
			U-NII Band 2-A	52, 56, 64
			U-NII Band 2-C	100, 112, 140, 144
			U-NII Band 3	144, 149, 157, 165
			U-NII Band 4 (5850 - 5895 MHz)	169, 173, 177
Mode 10	4TX (CDD/Beamforming on)	MCS 0	U-NII Band 1	38, 46
			U-NII Band 2-A	54, 62
			U-NII Band 2-C	102, 110, 134, 142
			U-NII Band 3	142, 151,159
			U-NII Band 4 (5850 - 5895 MHz)	167, 175
Mode 11	4TX (CDD/Beamforming on)	MCS 0	U-NII Band 1	42
			U-NII Band 2-A	58
			U-NII Band 2-C	106, 122, 138
			U-NII Band 3	138, 155
			U-NII Band 4 (5850 - 5895 MHz)	171
Mode 12	2TX (CDD/Beamforming on)	MCS 0	U-NII Band 1	42
			U-NII Band 2-A	58
			U-NII Band 2-C	106, 122
			U-NII Band 3	155
			U-NII Band 4 (5850 - 5895 MHz)	171

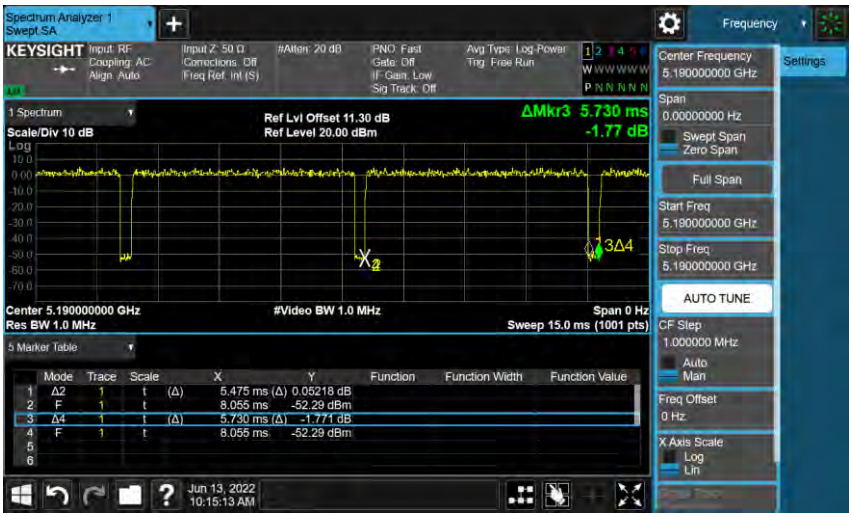
Duty cycle

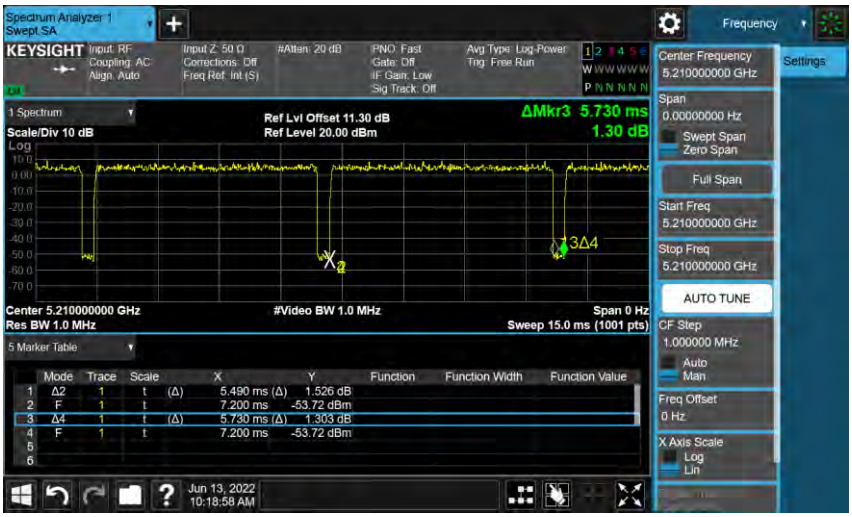
Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	5180	2.004	2.057	0.974	0.113	0.499
Mode 9	5180	5.475	5.715	0.958	0.186	0.183
Mode 10	5190	5.475	5.730	0.955	0.198	0.183
Mode 11	5210	5.490	5.730	0.958	0.186	0.182
Mode 12	5210	5.490	5.730	0.958	0.186	0.182

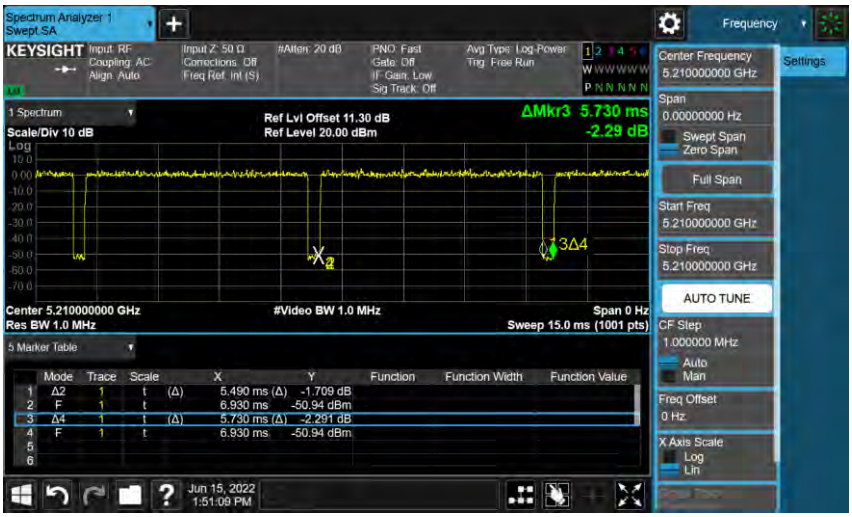
Duty Cycle Graphs

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

Mode 9: IEEE 802.11ax 20 MHz Continuous TX Mode	
On+off time	

Mode 10: IEEE 802.11ax 40 MHz Continuous TX Mode	
On+off time	

Mode 11: IEEE 802.11ax 80 MHz Continuous TX Mode	
On+off time	

Mode 12: IEEE 802.11ax 80 + 80 MHz Continuous TX Mode	
On+off time	

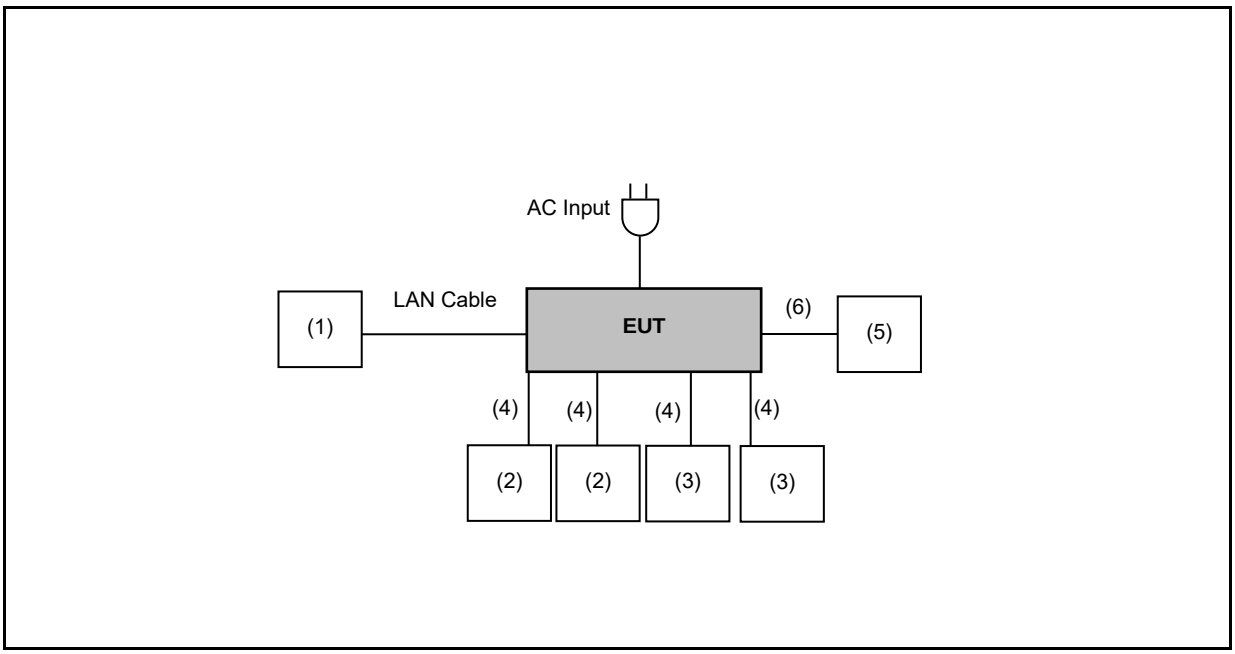
3.2. EUT Test Step

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

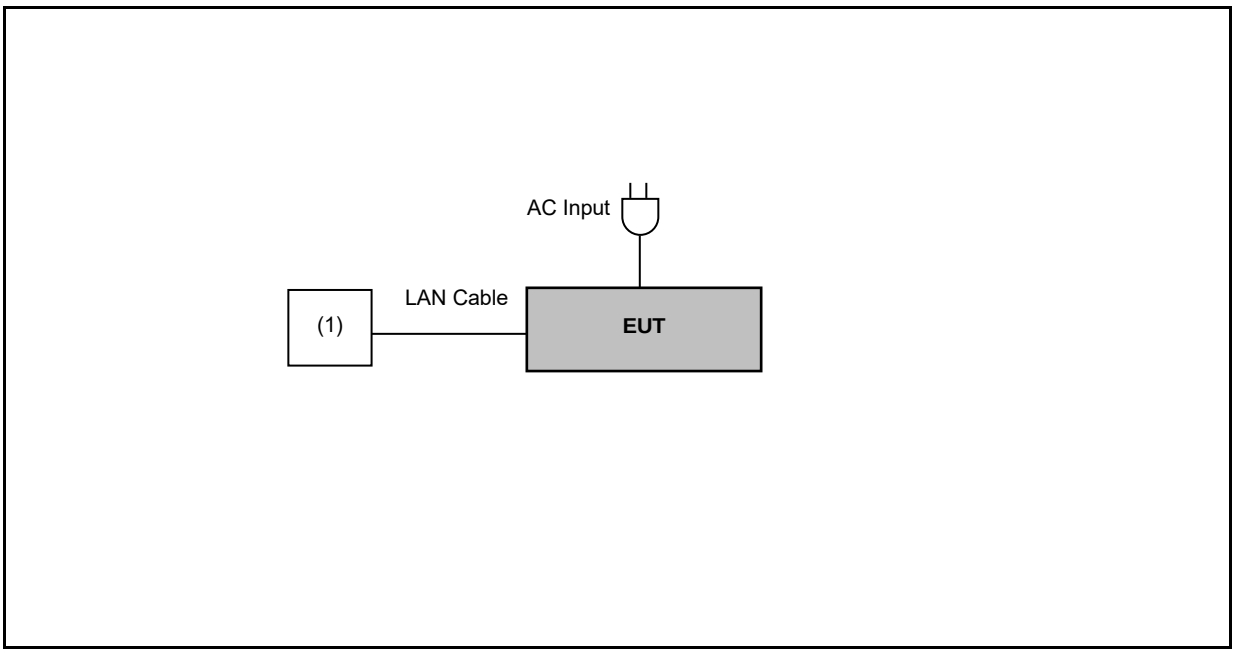
1.	Setup the EUT shown on “Configuration of Test System Details”.
2.	Turn on the power of all equipment.
3.	Turn on TX function.
4.	EUT run test program.

3.3. Configuration of Test System Details

Conducted Emissions



Radiated Emission



Product		Manufacturer	Model Number	Serial Number	Power Cord
(1)	Notebook	MSI	GF63 i5-10300H	---	---
(2)	Notebook	ASUS	P1448U	---	---
(3)	Notebook	Acer	N19C1	---	---
(4)	LAN Cable	TATUNG	CAT5E		
(5)	HDD	Transcend	TS1TSJ25A3K-RU		
(6)	USB Cable	Transcend	TS1TSJ25A3K-RU		

3.4. Test Instruments

For Conducted Emission
Test Period: Jun. 18, 2022
Testing Engineer: Chi Chang

Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Test Receiver	R&S	ESCI	100367	May 19, 2022	1 year
☐	Test Receiver	R&S	ESCI	100722	Nov. 02, 2021	1 year
☐	Test Receiver	R&S	ESCI	101000	Nov. 26, 2021	1 year
☒	LISN	R&S	ENV216	101040	Apr. 06, 2022	1 year
☒	LISN	R&S	ENV216	101041	Apr. 15, 2022	1 year
☒	RF Cable	Woken	00100D1380194M	TE-02-03	May 27, 2022	1 year
☒	Software	EZ EMC	1.1.4.3	N/A	N.C.R.	---

For Conducted
Test Period: Jun. 13 ~ Jul. 11, 2022
Testing Engineer: Brian Lin

Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☐	Power Sensor	Anritsu	MA2411B	1126022	Sep. 03, 2021	1 year
☐	Power Meter	Anritsu	ML2495A	1135009	Sep. 03, 2021	1 year
☒	Power Sensor	Agilent	N1921A	MY45241957	Dec. 06, 2021	1 year
☒	Power Meter	Agilent	N1911A	MY45101619	Dec. 06, 2021	1 year
☒	Spectrum Analyzer (10 Hz~26.5 GHz)	Keysight	N9010B	MY59071418	Mar. 16, 2022	1 year
☐	Spectrum Analyzer (9 kHz~26.5 GHz)	Agilent	N9010A	MY48030518	Jul. 23, 2021	1 year
☐	Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	Sep. 09, 2021	1 year
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	Jan. 05, 2022	1 year
☐	Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	Mar. 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. 02, 2021	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Jan. 19, 2022	1 year
☐	RF Communication Test Set	HP	8920A	3344A03297	Aug. 10, 2021	1 year

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

For Radiated Emissions
Test Period: Apr. 16 ~ Jun. 07, 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	1 year
☐	Broadband Amplifier (100 kHz~1 GHz)	Titan	T0910E00014330A 1F	001	Jul. 23, 2021	1 year
☐	Amplifier (1 GHz~26.5 GHz)	Agilent	8449B	3008A02237	Oct. 21, 2021	1 year
☒	Broadband Amplifier (1 GHz~26.5 GHz)	Titan	T0912E01263025A 1F	002	Jul. 26, 2021	1 year
☒	Preamplifier (26.5 GHz~40 GHz)	EMCI	EMC2654045	980028	Aug. 19, 2021	1 year
☒	Loop Antenna (9 kHz~30 MHz)	COM-POWER CORPORATION	AL-130	121014	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	1 year
☐	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	416	Nov. 17, 2021	1 year
☒	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	02207	Jul. 09, 2021	1 year
☐	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	9120D-550	Aug. 24, 2021	1 year
☒	Broadband Horn Antenna (18 GHz~40 GHz)	Schwarzbeck Mess-Elektronik	9170	9170-320	Aug. 24, 2021	1 year
☐	Horn Antenna (18 GHz~40 GHz)	ETS	3116	00086467	Dec. 03, 2021	1 year
☐	RF Cable	EMCI	EMC104-N-N-6000	TE01-1	Feb. 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	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A900	J11004	Aug. 06, 2021	1 year
☒	Coaxial Cable	Titan	CFD400NL-LW	001	Aug. 06, 2021	1 year
☐	Bluetooth Tester	R&S	CBT	100350	Mar. 17, 2021	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 02, 2021	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Jan. 19, 2022	1 year
☒	Software	EZ EMC	1.1.4.4	N/A	N.C.R.	---

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

Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☐	RF Cable	EMCI	EMC104-N-N-6000	TE01-1	Feb. 18, 2022	1 year
☐	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	1 year
☒	Coaxial Cable	Titan	T0710AT327A10A900	J11004	Aug. 06, 2021	1 year
☒	Coaxial Cable	Titan	CFD400NL-LW	001	Aug. 06, 2021	1 year
☐	Bluetooth Tester	R&S	CBT	100350	Mar. 17, 2021	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 02, 2021	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Jan. 19, 2022	1 year
☒	Software	EZ EMC	1.1.4.4	N/A	N.C.R.	---

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

3.5. Test Site Environment

Items	Required (IEC 60068-1)	Actual
Temperature (°C)	15-35	20-30
Humidity (%RH)	25-75	45-75

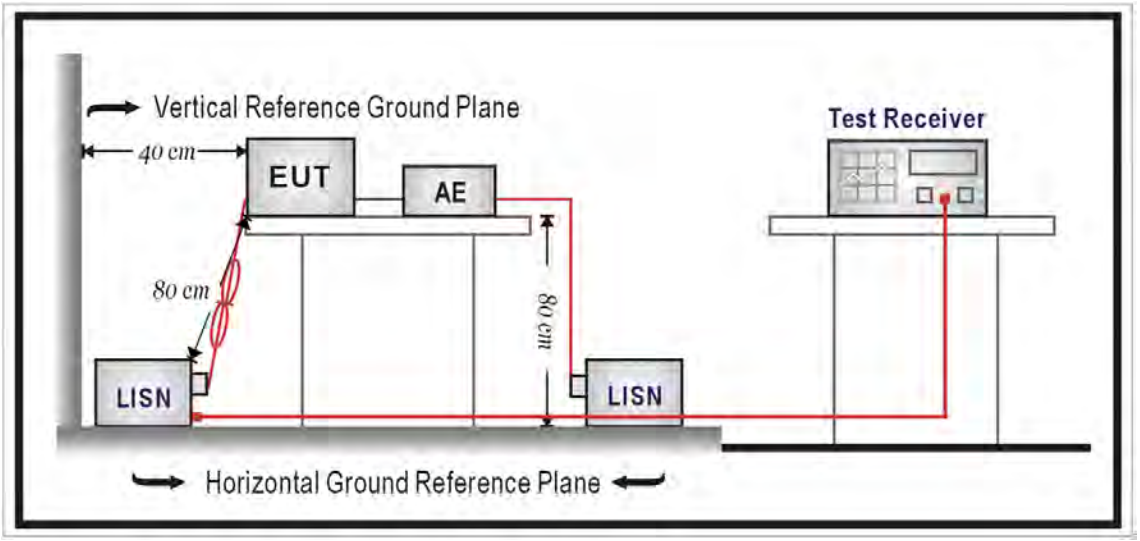
4 Measurement Procedure

4.1. AC Power Conducted Emission Measurement

■ **Limit**

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

■ **Test Setup**



■ **Test Procedure**

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

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

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

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

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

4.2. Transmitter Radiated Emissions Measurement

■ **Limit**

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

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

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

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

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

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

(e) For transmitters operating solely in the 5.850-5.895 GHz band or operating on a channel that spans across 5.725-5.895 GHz:

Device Type		Limit
■	indoor access point	(i) all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of −7 dBm/MHz at or above 5.925 GHz. (ii) all emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.
□	subordinate	
□	client	(i) all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of −5 dBm/MHz and shall decrease linearly to an e.i.r.p. of −27 dBm/MHz at or above 5.925 GHz. (ii) all emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.

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

(2)Limits of Radiated Emission Measurement

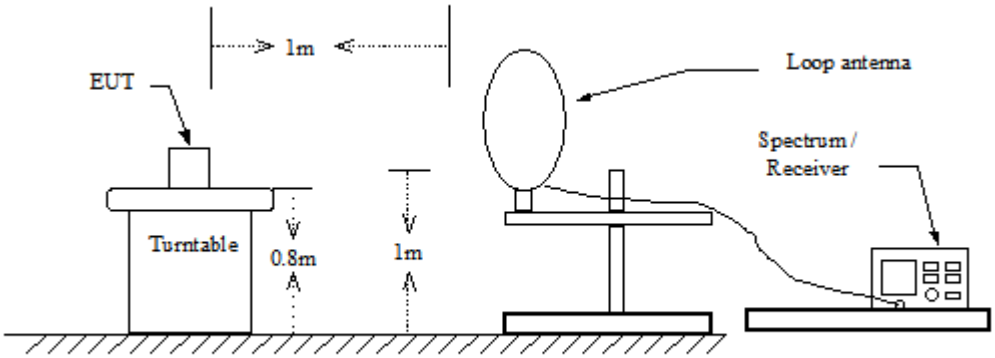
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

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

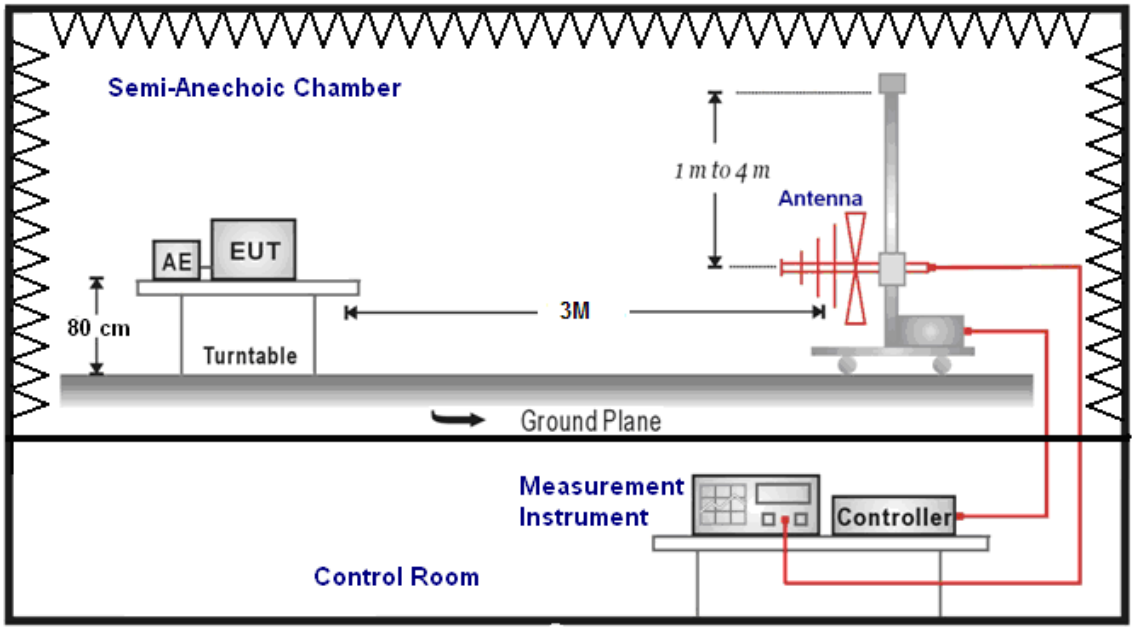
Note: 1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed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

■ **Setup**

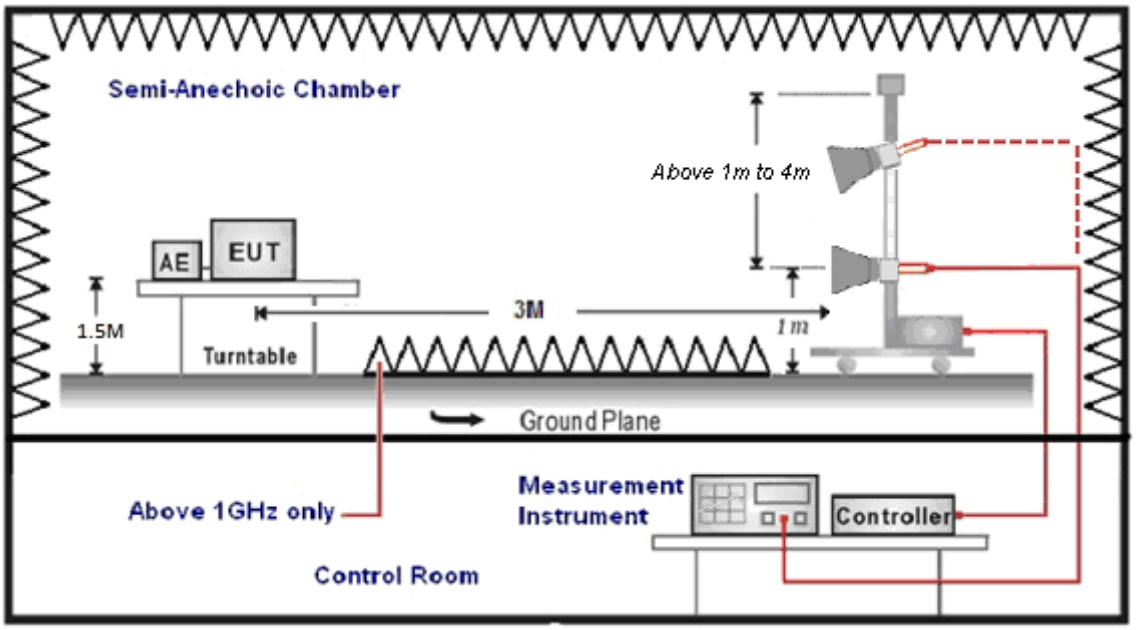
9 kHz ~ 30 MHz



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

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

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

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

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

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

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

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

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

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

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

Measuring Instruments and setting

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

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

4.3. Maximum Conducted Output Power Measurement

■ **Limit**

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

Frequency Range (MHz)		5.850 ~ 5.895 GHz or spans across 5.725-5.895 GHz
Device Type		EIRP Limit
■	indoor access point	The maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. Indoor access points operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 36 dBm.
☐	subordinate	The maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm.
☐	client	The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm.

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

CDD mode

IEEE 802.11a

Band 2-A：

∗ Directional Gain = 10*log{[10^(G1/10)+10^(G2/10)+…+10^(Gn/10)]/NANT} = 3.5 dBi < 6 dBi

∗ Power Limit = 11+10*Log 19.14 = 23.82 dBm

Band 2-C：

∗ Directional Gain = 10*log{[10^(G1/10)+10^(G2/10)+…+10^(Gn/10)]/NANT} = 3.4 dBi < 6 dBi

∗ Power Limit = 11+10*Log 14.29 = 22.55 dBm

IEEE 802.11n 5 GHz 20 MHz

Band 2-C：

∗ Directional Gain = 10*log{[10^(G1/10)+10^(G2/10)+…+10^(Gn/10)]/NANT} = 3.4 dBi < 6 dBi

∗ Power Limit = 11+10*Log 14.81 = 22.71 dBm

IEEE 802.11ac 20 MHz

Band 2-A：

∗ Directional Gain = 10*log{[10^(G1/10)+10^(G2/10)+…+10^(Gn/10)]/NANT} = 3.5 dBi < 6 dBi

∗ Power Limit = 11+10*Log 19.86 = 23.98 dBm

Band 2-C：

∗ Directional Gain = 10*log{[10^(G1/10)+10^(G2/10)+…+10^(Gn/10)]/NANT} = 3.4 dBi < 6 dBi

∗ Power Limit = 11+10*Log 14.84 = 22.71 dBm

IEEE 802.11ax 20

Band 2-C：

∗ Directional Gain = 10*log{[10^(G1/10)+10^(G2/10)+…+10^(Gn/10)]/NANT} = 3.4 dBi < 6 dBi

∗ Power Limit = 11+10*Log 15.35 = 22.86 dBm

BF mode

Band 1 :

∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 8.69 dBi > 6 dBi;

∗ Power Limit = 30 – 2.69 = 27.31 dBm

Band 2-A :

∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 8.69 dBi > 6 dBi;

∗ Power Limit = 24 – 2.69 = 21.31 dBm

Band 2-C :

∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 8.56 dBi > 6 dBi;

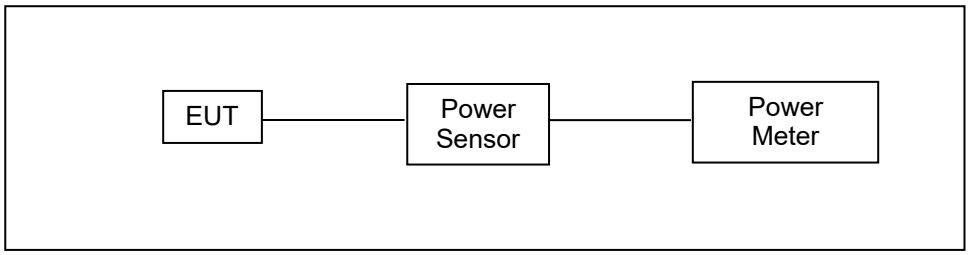
∗ Power Limit = 24 – 2.56 = 21.44 dBm

Band 3 :

∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 8.66 dBi > 6 dBi

∗ Power Limit = 30 – 2.66 = 27.34 dBm

■ **Test Setup**



■ **Test Procedure**

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

Section (E) Maximum Conducted Output Power

3. Measurement using a Power Meter (PM)

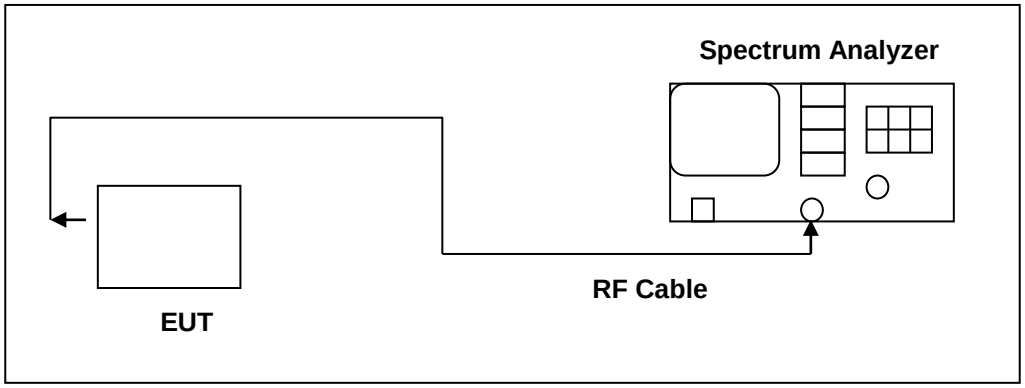
b) Method PM-G (Measurement using a gated RF average power meter)

4.4. 26 dB RF Bandwidth Measurement

■ **Limit**

N/A

■ **Test Setup**



■ **Test Procedure**

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

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

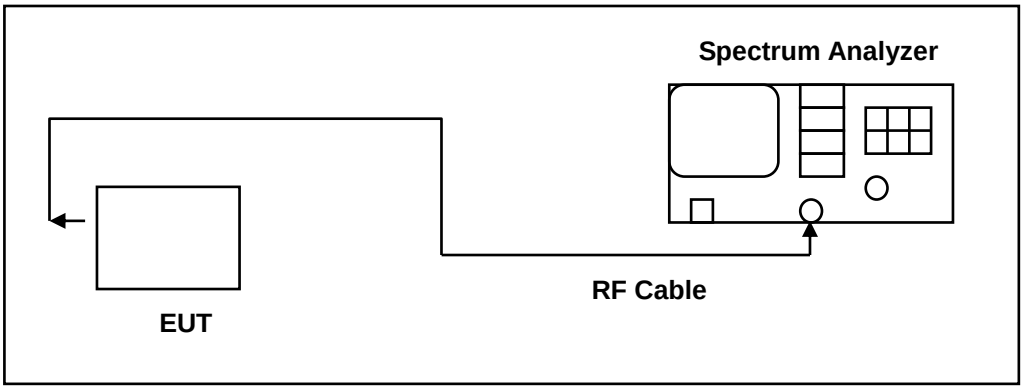
4.5. 6 dB RF Bandwidth Measurement

■ **Limit**

6 dB RF Bandwidth

Systems using digital modulation techniques may operate in the 5725~5850 MHz and 5850~5895 MHz bands. The minimum 6 dB band-width shall be at least 500 kHz.

■ **Test Setup**



■ **Test Procedure**

6 dB RF Bandwidth

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

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

The test was performed at 3 channels.

4.6. Maximum Power Spectral Density Measurement

■ **Limit**

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

EIRP spectral density

Frequency Range (MHz)		5.850 ~ 5.895 GHz
Device Type		EIRP spectral density Limit
■	indoor access point	20 dBm/MHz
☐	subordinate	
☐	client	14 dBm/MHz

Note: EIRP spectral density = conducted power spectral density + Directional Gain

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

CDD mode

Band 1

∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 8.69 dBi > 6 dBi

∗ Conducted Power Spectral Density Limit = 17 - 2.69 = 14.31 dBm/MHz

Band 2-A：

∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 8.69 dBi > 6 dBi

∗ Conducted Power Spectral Density Limit = 11 - 2.69 = 8.31 dBm/MHz

Band 2-C：

∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 8.56 dBi > 6 dBi

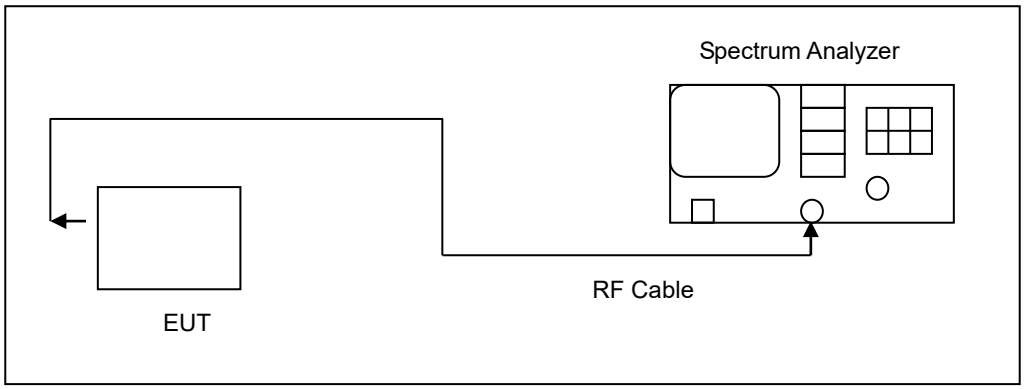
∗ Conducted Power Spectral Density Limit = 11 - 2.56 = 8.44 dBm/MHz

Band 3：

∗ Directional Gain = 10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT} = 8.66 dBi > 6 dBi

∗ Conducted Power Spectral Density Limit = 30 - 2.66 = 27.34 dBm/MHz

■ **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 ~ 5895 MHz use 100 kHz)
VBW	3 MHz (5725 ~ 5895 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 or 1 MHz, add 10 log(500 kHz/100 kHz) or 10 log(1 MHz/100 kHz) to the measured result.	

4.7. Automatically discontinue transmission

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

- **Declare**

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

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

4.8. Antenna Requirement

- **Requirement**

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

- **Antenna Connector Construction**

See section 2 – antenna information.

■ **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	3.5
	U-NII Band 2-A	3.5
	U-NII Band 2-C	3.4
	U-NII Band 3	3.4
	U-NII Band 4	3.4
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	3.5
	U-NII Band 2-A	3.5
	U-NII Band 2-C	3.4
	U-NII Band 3	3.4
	U-NII Band 4	3.4
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	3.5
	U-NII Band 2-A	3.5
	U-NII Band 2-C	3.4
	U-NII Band 3	3.4
	U-NII Band 4	3.4
IEEE 802.11ac 20 MHz	U-NII Band 1	3.5
	U-NII Band 2-A	3.5
	U-NII Band 2-C	3.4
	U-NII Band 3	3.4
	U-NII Band 4	3.4
IEEE 802.11ac 40 MHz	U-NII Band 1	3.5
	U-NII Band 2-A	3.5
	U-NII Band 2-C	3.4
	U-NII Band 3	3.4
	U-NII Band 4	3.4
IEEE 802.11ac 80 MHz	U-NII Band 1	3.5
	U-NII Band 2-A	3.5
	U-NII Band 2-C	3.4
	U-NII Band 3	3.4
	U-NII Band 4	3.4
IEEE 802.11ac 80 + 80 MHz	U-NII Band 1	3.5
	U-NII Band 2-A	3.5
	U-NII Band 2-C	3.4
	U-NII Band 3	3.4
	U-NII Band 4	3.4

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ax 20 MHz	U-NII Band 1	3.5
	U-NII Band 2-A	3.5
	U-NII Band 2-C	3.4
	U-NII Band 3	3.4
	U-NII Band 4	3.4
IEEE 802.11ax 40 MHz	U-NII Band 1	3.5
	U-NII Band 2-A	3.5
	U-NII Band 2-C	3.4
	U-NII Band 3	3.4
	U-NII Band 4	3.4
IEEE 802.11ax 80 MHz	U-NII Band 1	3.5
	U-NII Band 2-A	3.5
	U-NII Band 2-C	3.4
	U-NII Band 3	3.4
	U-NII Band 4	3.4
IEEE 802.11ax 80 + 80 MHz	U-NII Band 1	3.5
	U-NII Band 2-A	3.5
	U-NII Band 2-C	3.4
	U-NII Band 3	3.4
	U-NII Band 4	3.4

For Maximum Power Density

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

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ac 20 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ac 40 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ac 80 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ac 80 + 80 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ax 20 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ax 40 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ax 80 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ax 80 + 80 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66

Beamforming on

For Maximum Conducted Output Power

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

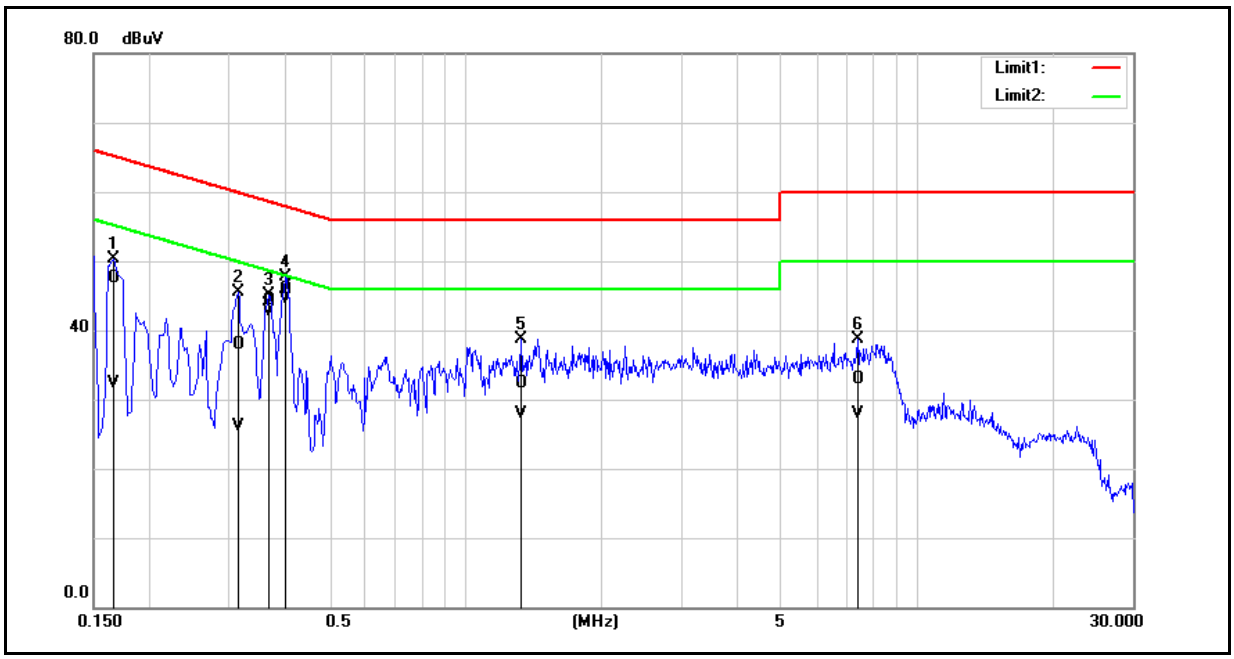
Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11n 5 GHz 20 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ac 20 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ac 40 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ac 80 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ac 80 + 80 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ax 20 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ax 40 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ax 80 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66
IEEE 802.11ax 80 + 80 MHz	U-NII Band 1	8.69
	U-NII Band 2-A	8.69
	U-NII Band 2-C	8.56
	U-NII Band 3	8.66
	U-NII Band 4	8.66

5 Test Results

5.1. Conducted Emission

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

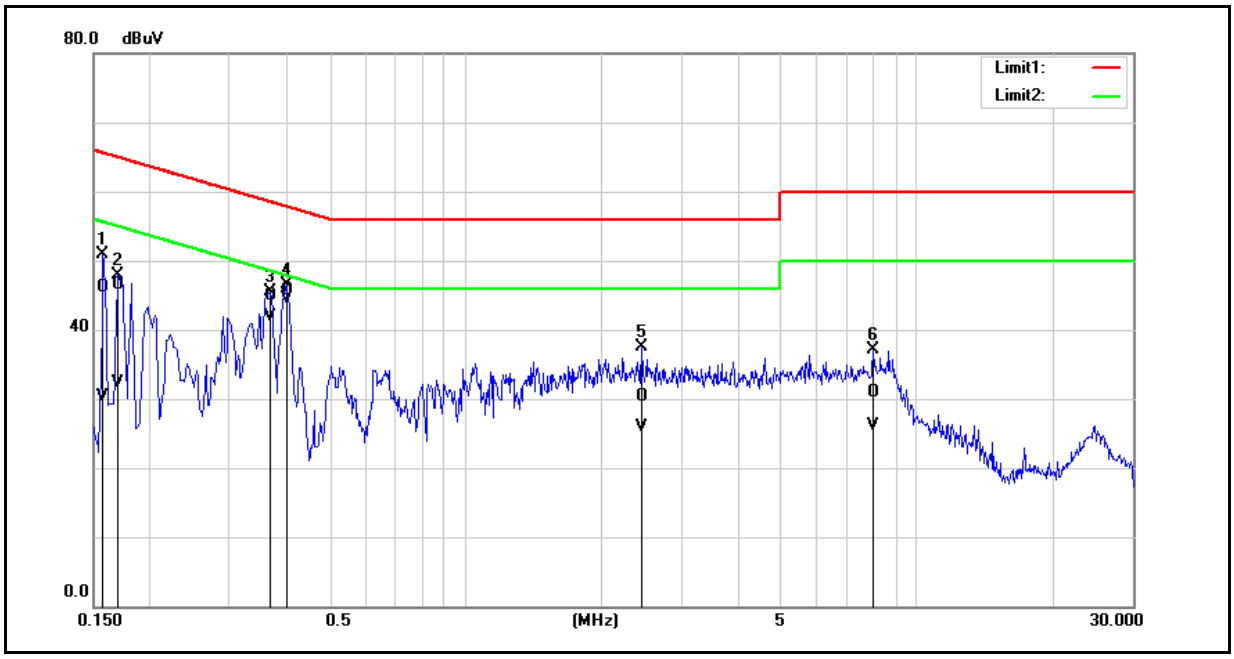


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1660	37.80	22.74	9.66	47.46	32.40	65.16	55.16	-17.70	-22.76	Pass
2	0.3140	28.25	16.35	9.66	37.91	26.01	59.86	49.86	-21.95	-23.85	Pass
3	0.3660	34.57	33.06	9.67	44.24	42.73	58.59	48.59	-14.35	-5.86	Pass
4	0.3980	36.20	34.74	9.67	45.87	44.41	57.90	47.90	-12.03	-3.49	Pass
5	1.3300	22.64	18.12	9.71	32.35	27.83	56.00	46.00	-23.65	-18.17	Pass
6	7.4020	22.95	18.12	9.86	32.81	27.98	60.00	50.00	-27.19	-22.02	Pass

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

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

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1580	36.53	20.75	9.60	46.13	30.35	65.57	55.57	-19.44	-25.22	Pass
2	0.1700	36.83	22.72	9.60	46.43	32.32	64.96	54.96	-18.53	-22.64	Pass
3	0.3700	35.32	32.27	9.61	44.93	41.88	58.50	48.50	-13.57	-6.62	Pass
4	0.4020	36.04	34.85	9.61	45.65	44.46	57.81	47.81	-12.16	-3.35	Pass
5	2.4540	20.72	16.24	9.68	30.40	25.92	56.00	46.00	-25.60	-20.08	Pass
6	8.0060	21.17	16.26	9.79	30.96	26.05	60.00	50.00	-29.04	-23.95	Pass

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

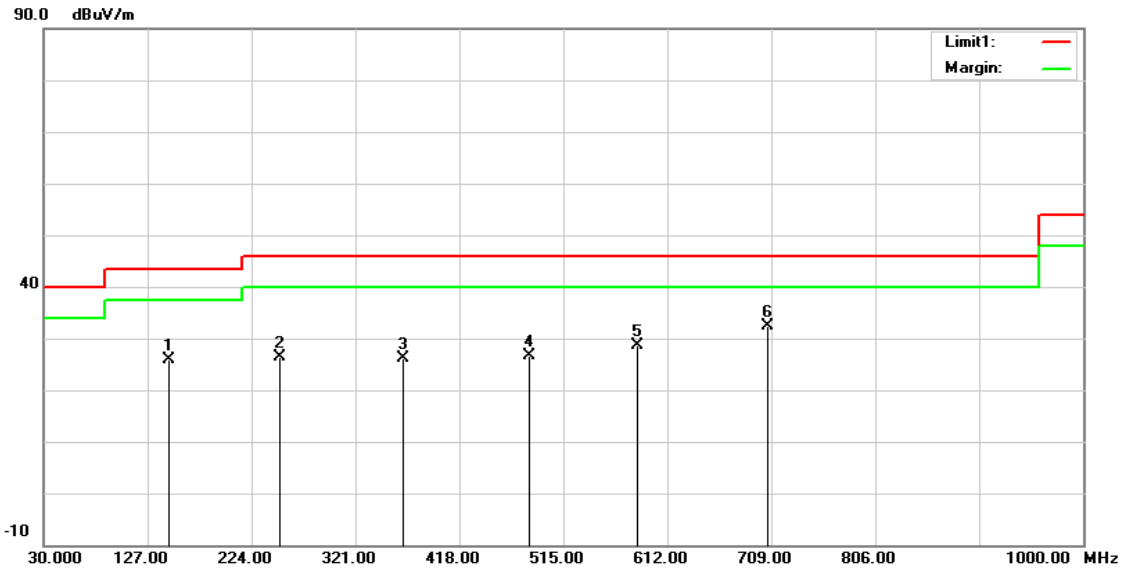
2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

5.2. Radiated Emission Measurement

Harmonic

Below 1 GHz

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



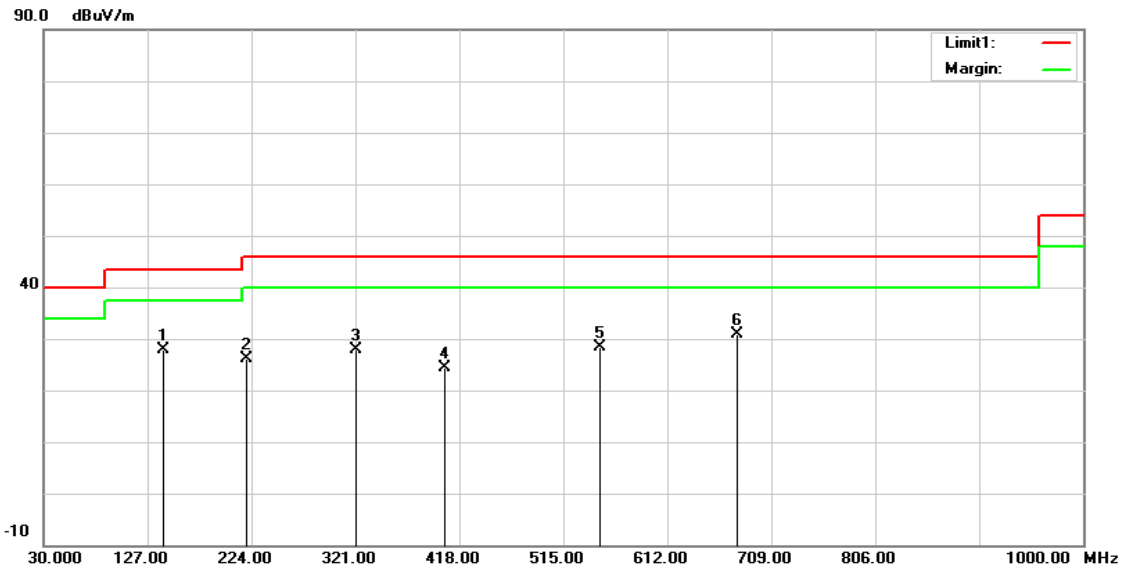
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	147.3700	33.04	-7.19	25.85	43.50	-17.65	QP
2	250.1900	34.30	-8.02	26.28	46.00	-19.72	QP
3	365.6200	31.20	-5.15	26.05	46.00	-19.95	QP
4	482.9900	29.66	-3.02	26.64	46.00	-19.36	QP
5	583.8700	29.25	-0.53	28.72	46.00	-17.28	QP
6	705.1200	30.51	1.92	32.43	46.00	-13.57	QP

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

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	141.5500	35.18	-7.36	27.82	43.50	-15.68	QP
2	219.1500	35.59	-9.37	26.22	46.00	-19.78	QP
3	321.0000	34.13	-6.16	27.97	46.00	-18.03	QP
4	404.4200	28.70	-4.20	24.50	46.00	-21.50	QP
5	548.9500	30.04	-1.57	28.47	46.00	-17.53	QP
6	676.9900	29.64	1.31	30.95	46.00	-15.05	QP

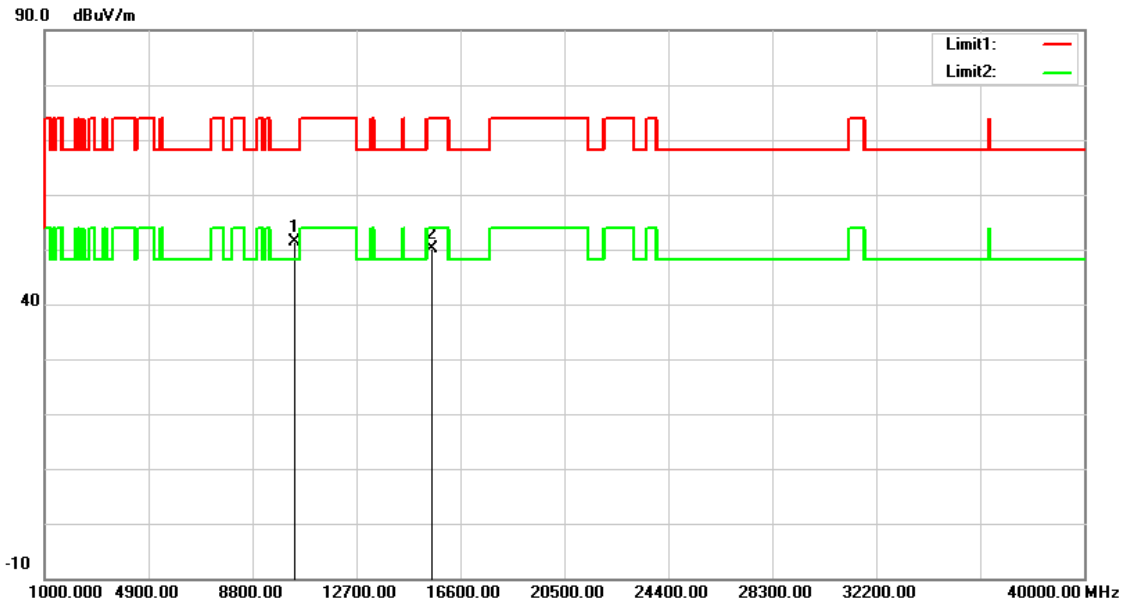
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.

Above 1 GHz

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



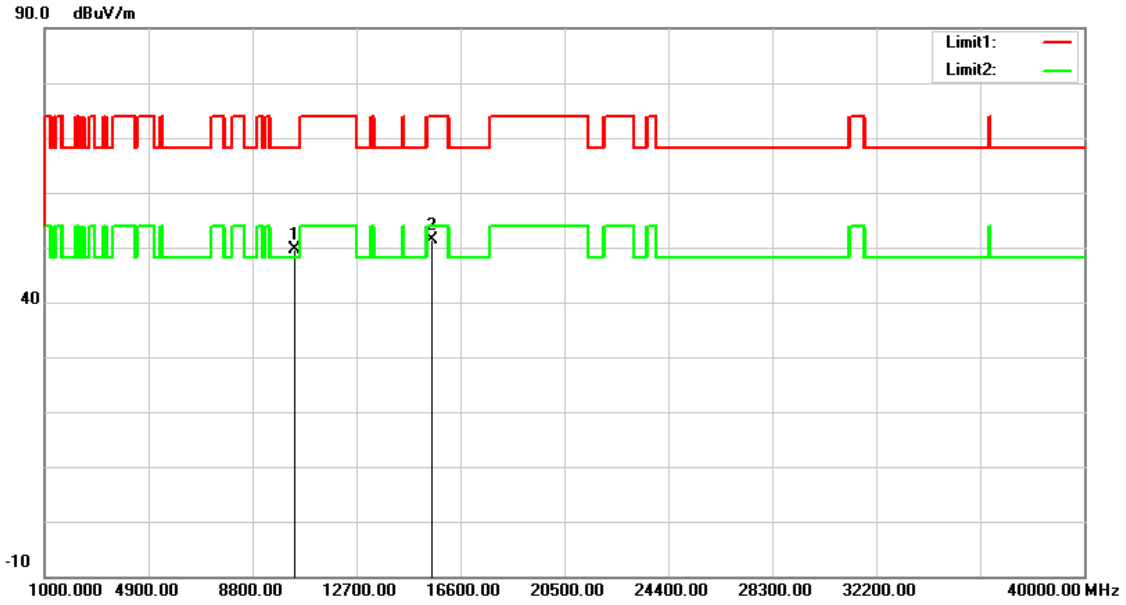
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	37.17	14.29	51.46	68.20	-16.74	peak
2	15540.000	33.25	16.86	50.11	74.00	-23.89	peak

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

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

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

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



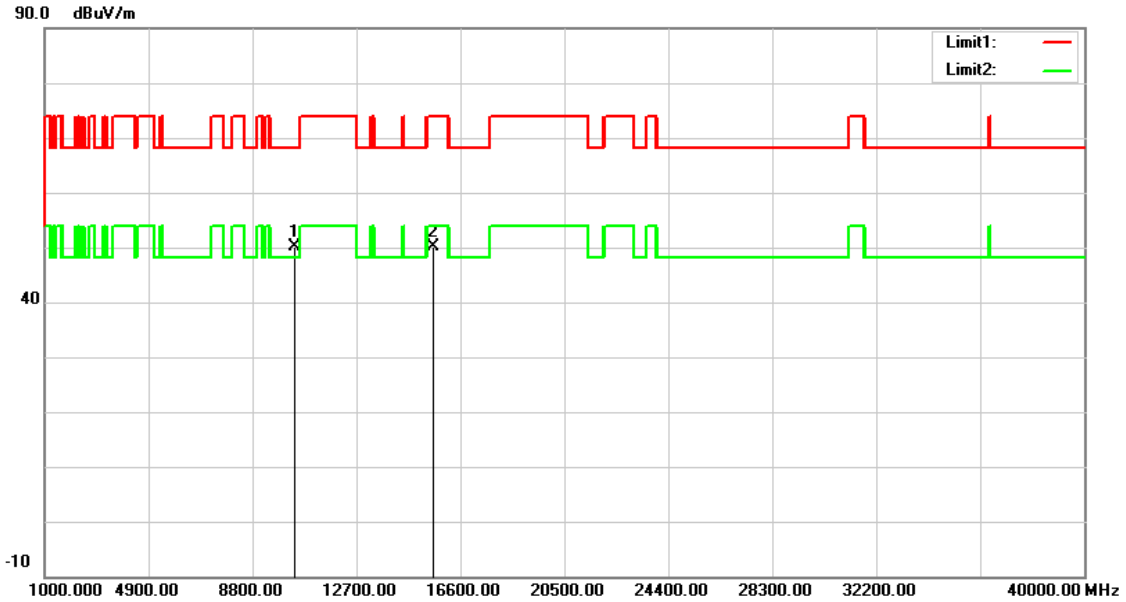
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	35.33	14.29	49.62	68.20	-18.58	peak
2	15540.000	34.58	16.86	51.44	74.00	-22.56	peak

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

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

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

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



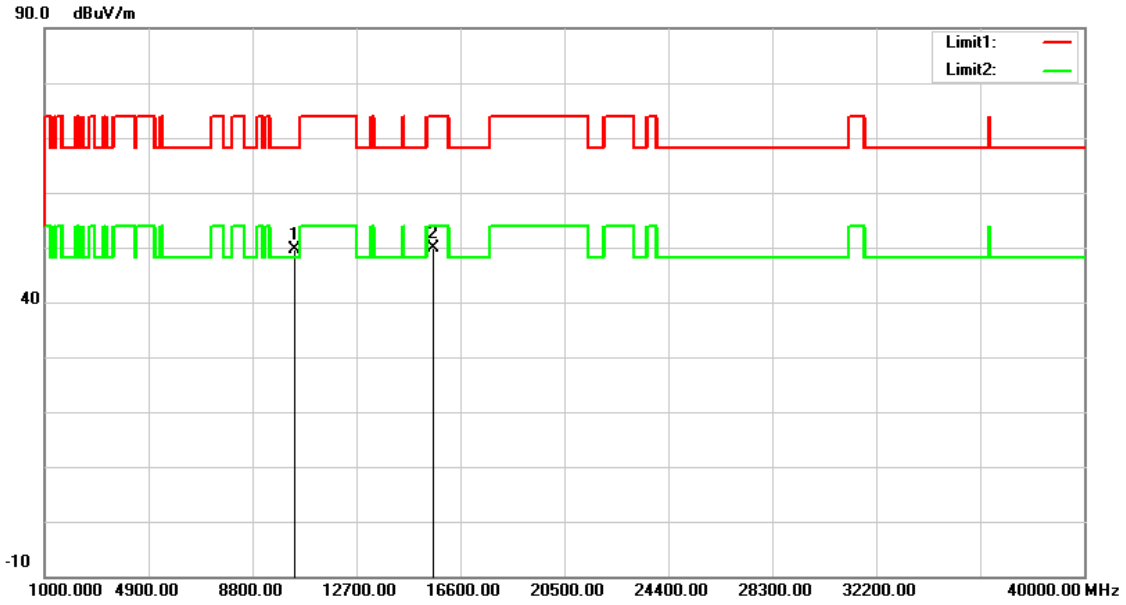
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	35.76	14.38	50.14	68.20	-18.06	peak
2	15600.000	33.58	16.65	50.23	74.00	-23.77	peak

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



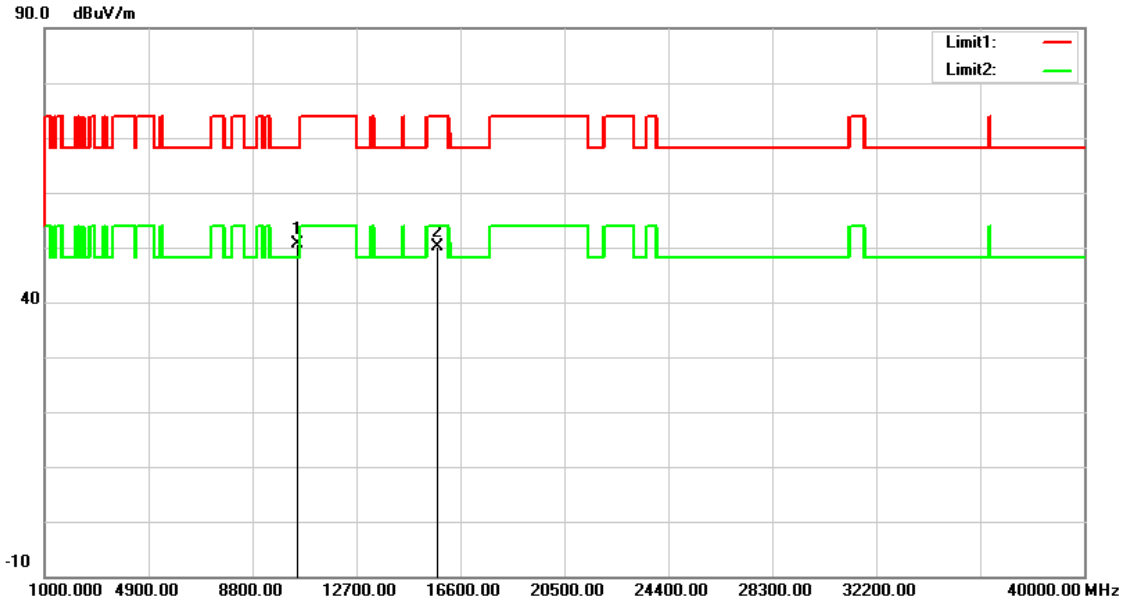
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	35.27	14.38	49.65	68.20	-18.55	peak
2	15600.000	33.29	16.65	49.94	74.00	-24.06	peak

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

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

3.When the peak 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		



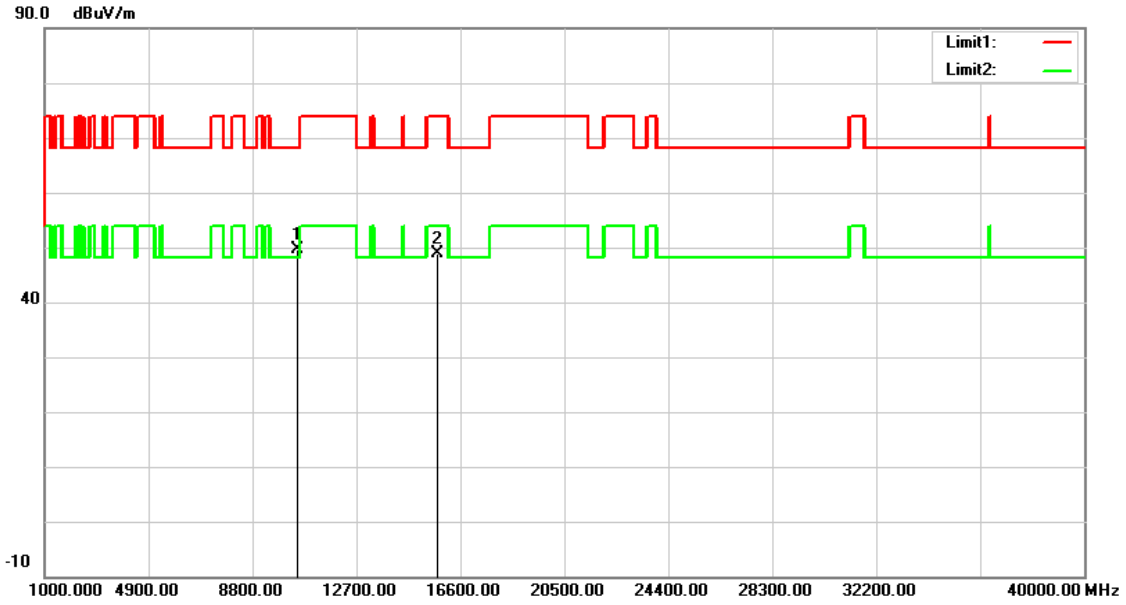
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	36.14	14.55	50.69	68.20	-17.51	peak
2	15720.000	33.88	16.24	50.12	74.00	-23.88	peak

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

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

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

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



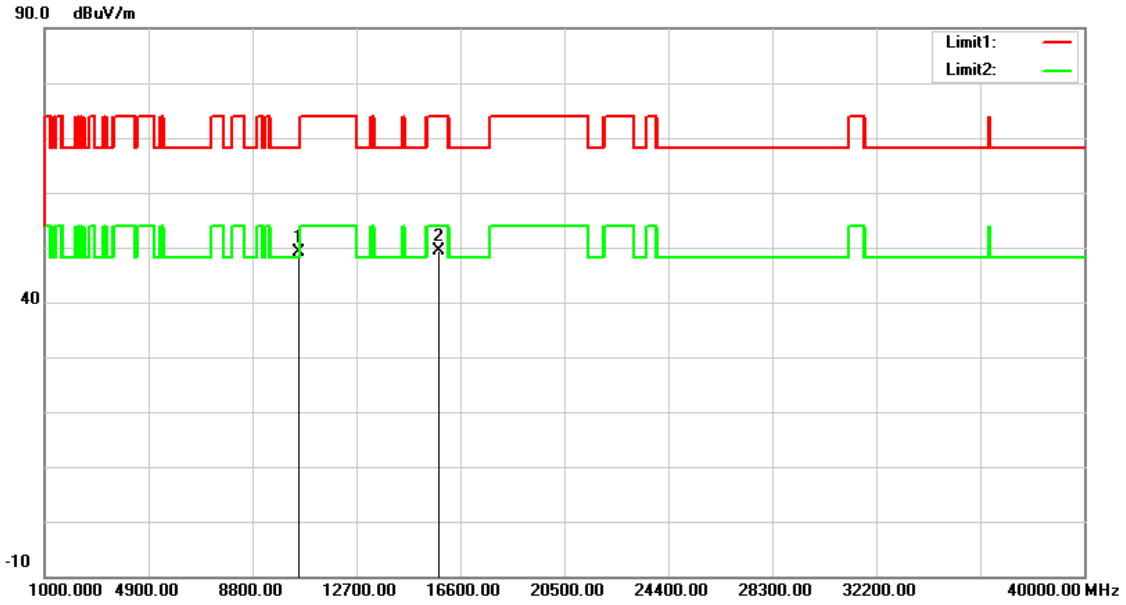
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	35.00	14.55	49.55	68.20	-18.65	peak
2	15720.000	32.70	16.24	48.94	74.00	-25.06	peak

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

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

3.When the peak 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:	5260 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



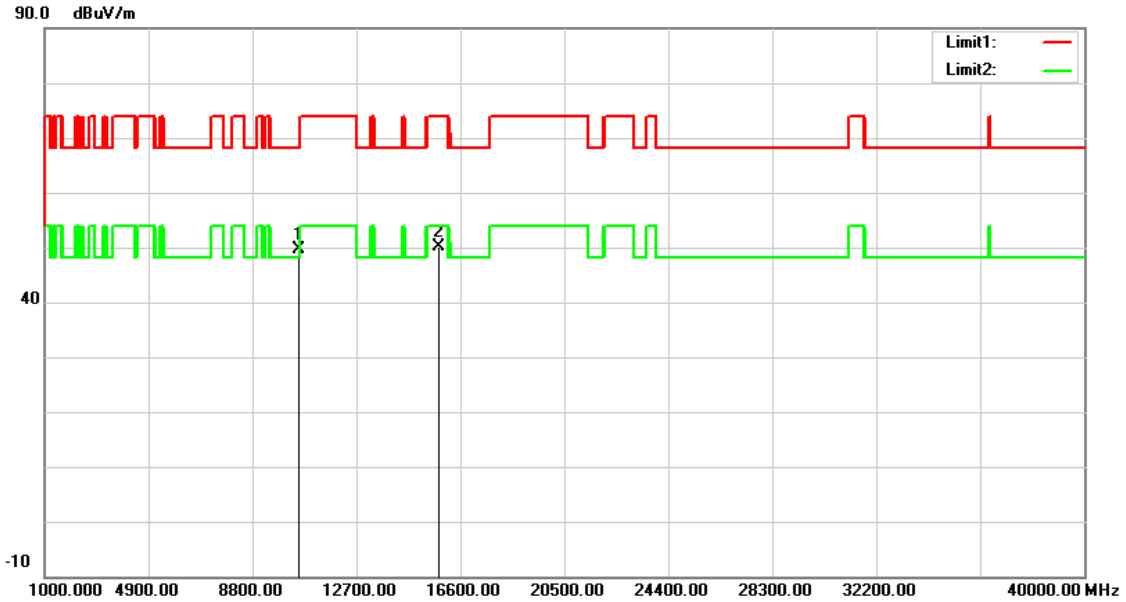
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	34.56	14.59	49.15	68.20	-19.05	peak
2	15780.000	33.43	16.06	49.49	74.00	-24.51	peak

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:	Harmonic		
Frequency:	5260 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



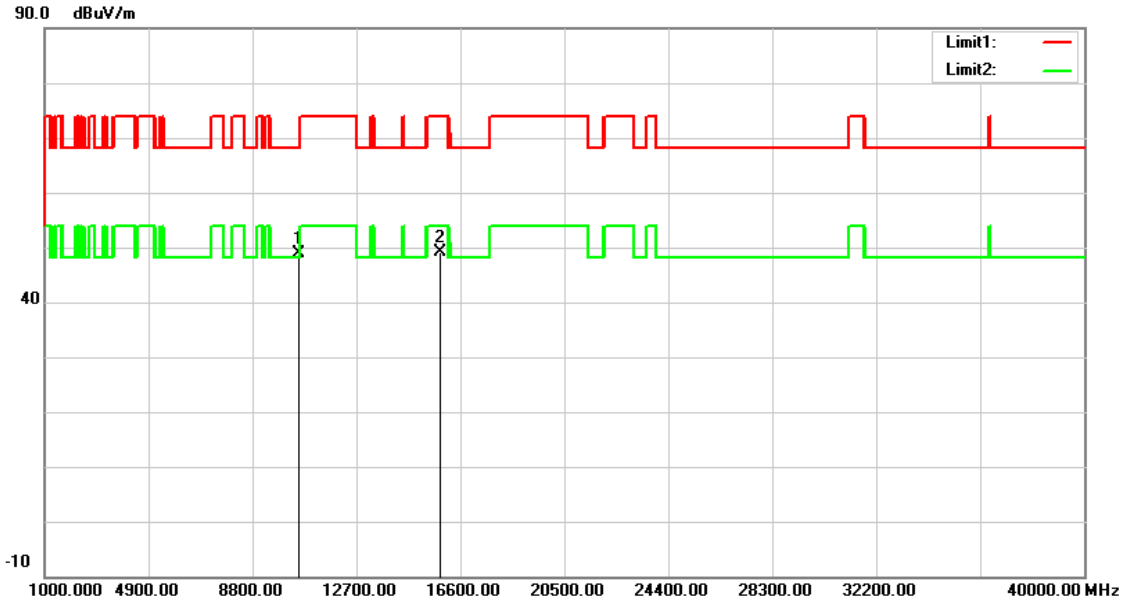
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	35.12	14.59	49.71	68.20	-18.49	peak
2	15780.000	34.07	16.06	50.13	74.00	-23.87	peak

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:	5280 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



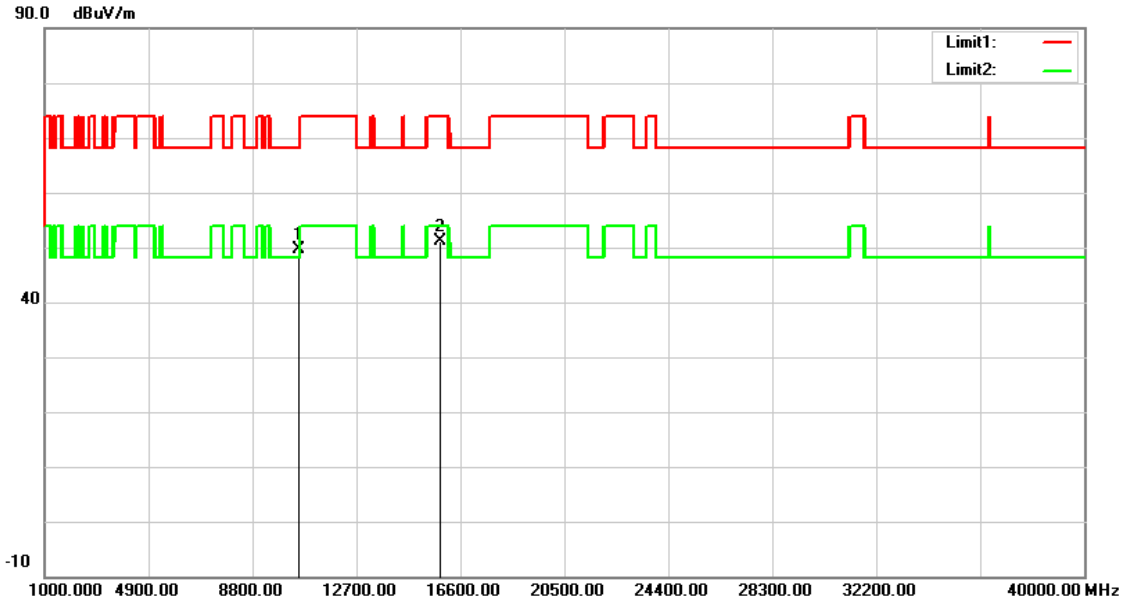
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	34.34	14.58	48.92	68.20	-19.28	peak
2	15840.000	33.32	15.85	49.17	74.00	-24.83	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



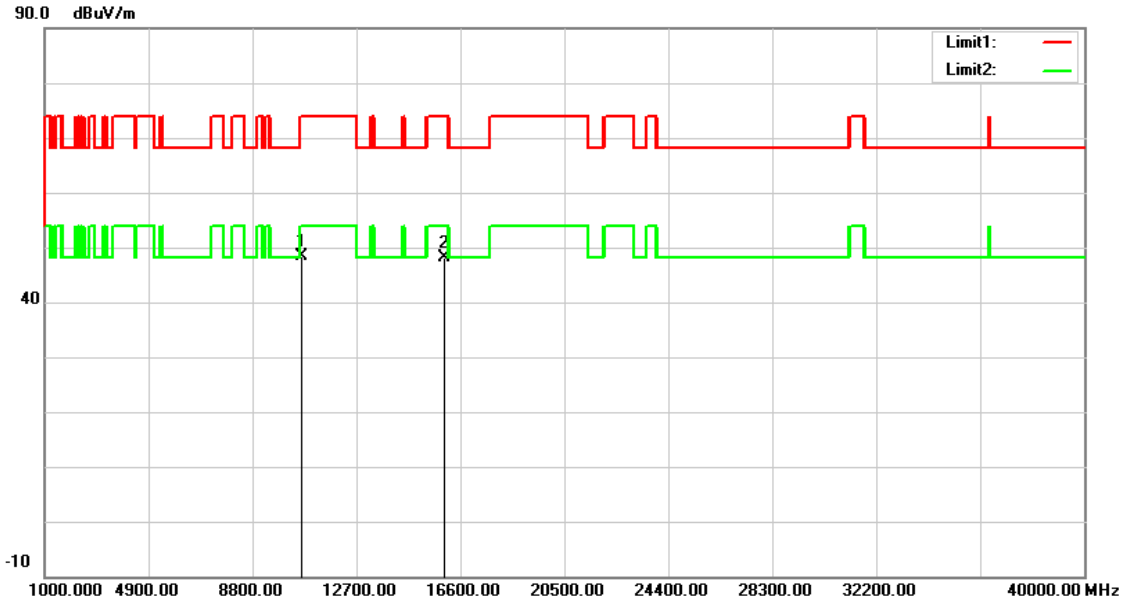
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	35.05	14.58	49.63	68.20	-18.57	peak
2	15840.000	35.23	15.85	51.08	74.00	-22.92	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



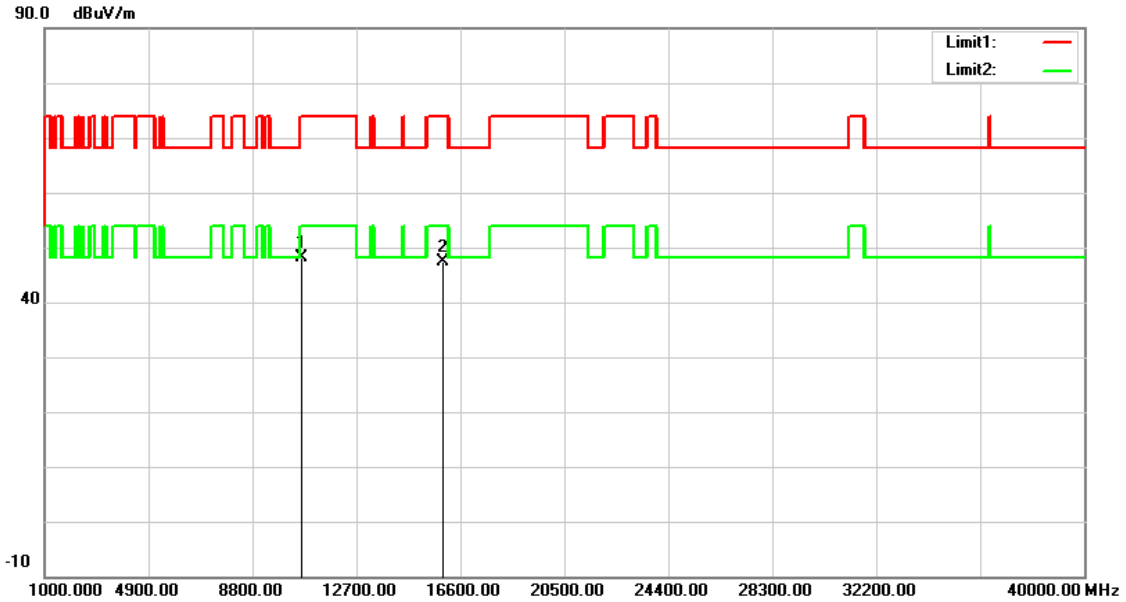
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	33.77	14.56	48.33	74.00	-25.67	peak
2	15960.000	32.62	15.44	48.06	74.00	-25.94	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5320 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



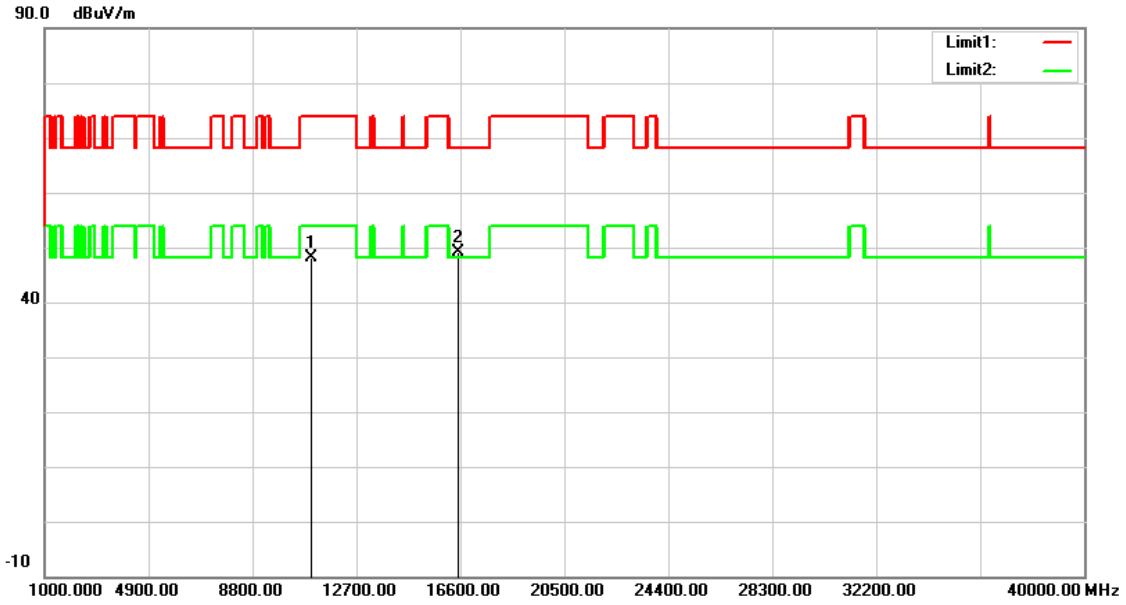
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	33.49	14.56	48.05	74.00	-25.95	peak
2	15960.000	31.89	15.44	47.33	74.00	-26.67	peak

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:	5500 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



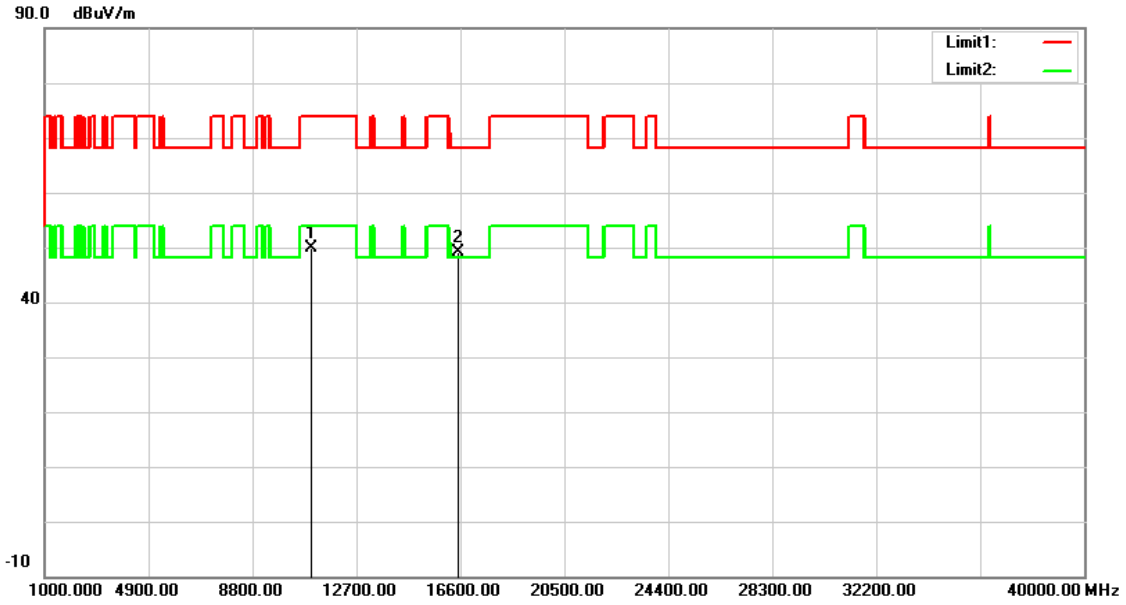
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	33.66	14.47	48.13	74.00	-25.87	peak
2	16500.000	32.61	16.63	49.24	68.20	-18.96	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



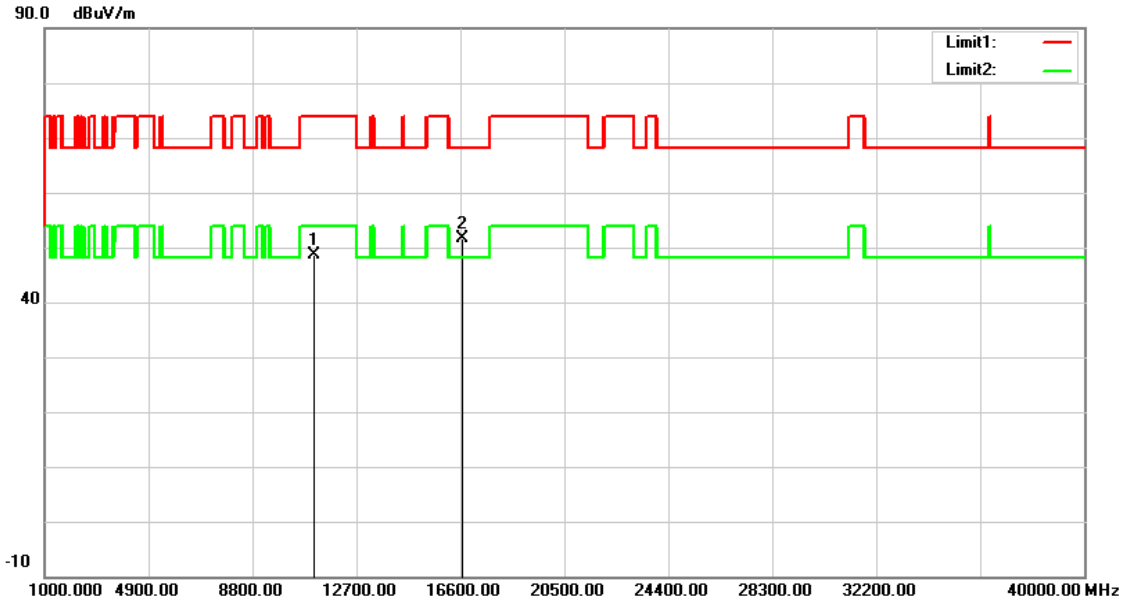
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	35.52	14.47	49.99	74.00	-24.01	peak
2	16500.000	32.48	16.63	49.11	68.20	-19.09	peak

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:	5560 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



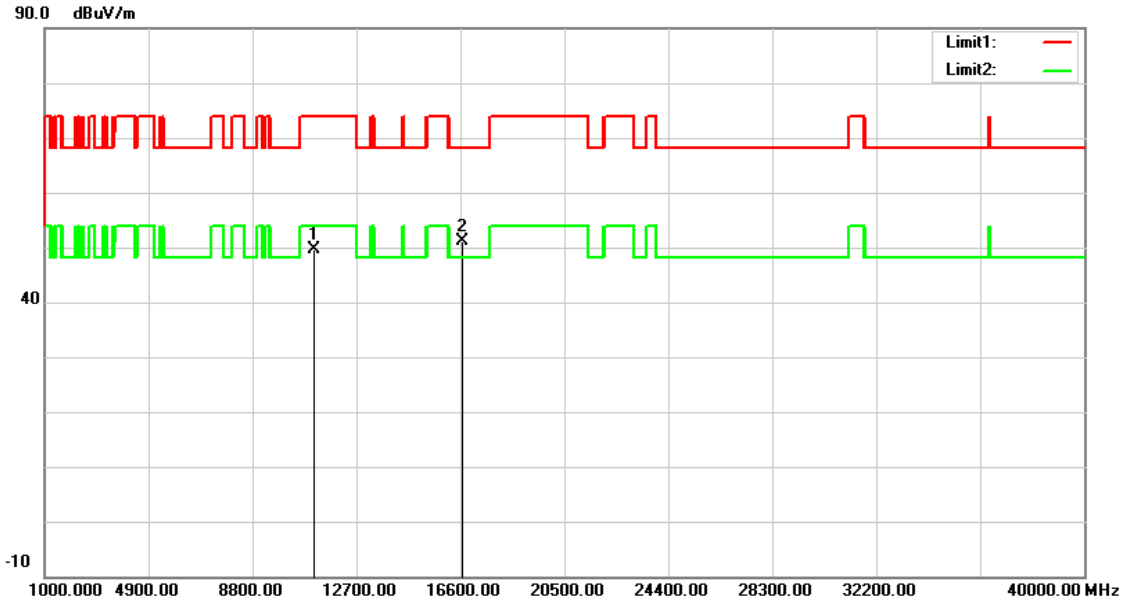
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	34.04	14.70	48.74	74.00	-25.26	peak
2	16680.000	33.61	17.95	51.56	68.20	-16.64	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



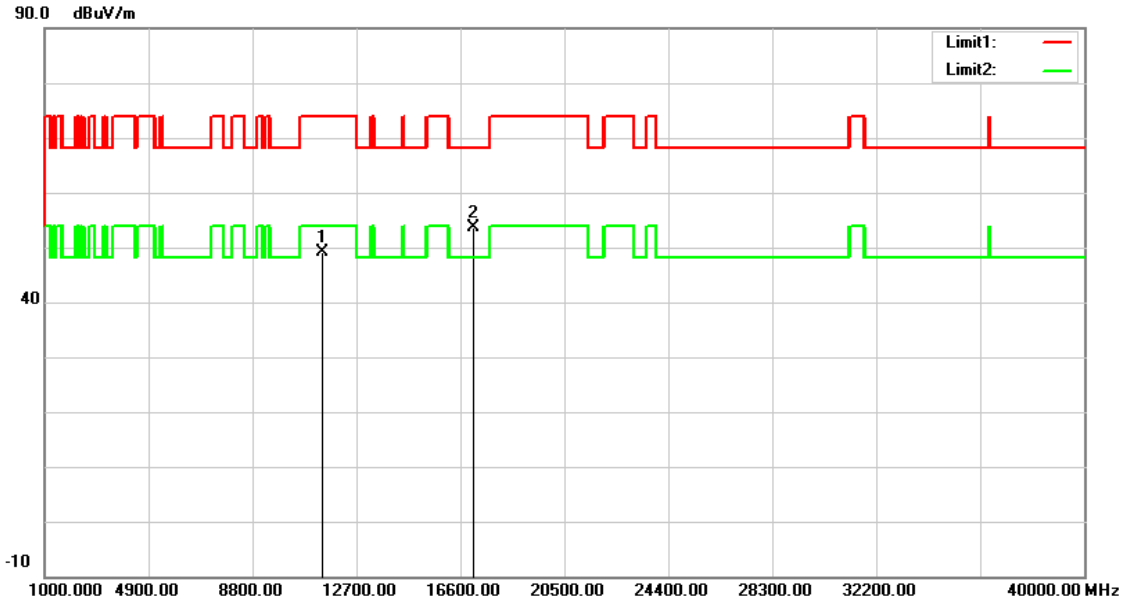
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	35.00	14.70	49.70	74.00	-24.30	peak
2	16680.000	33.14	17.95	51.09	68.20	-17.11	peak

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:	5700 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



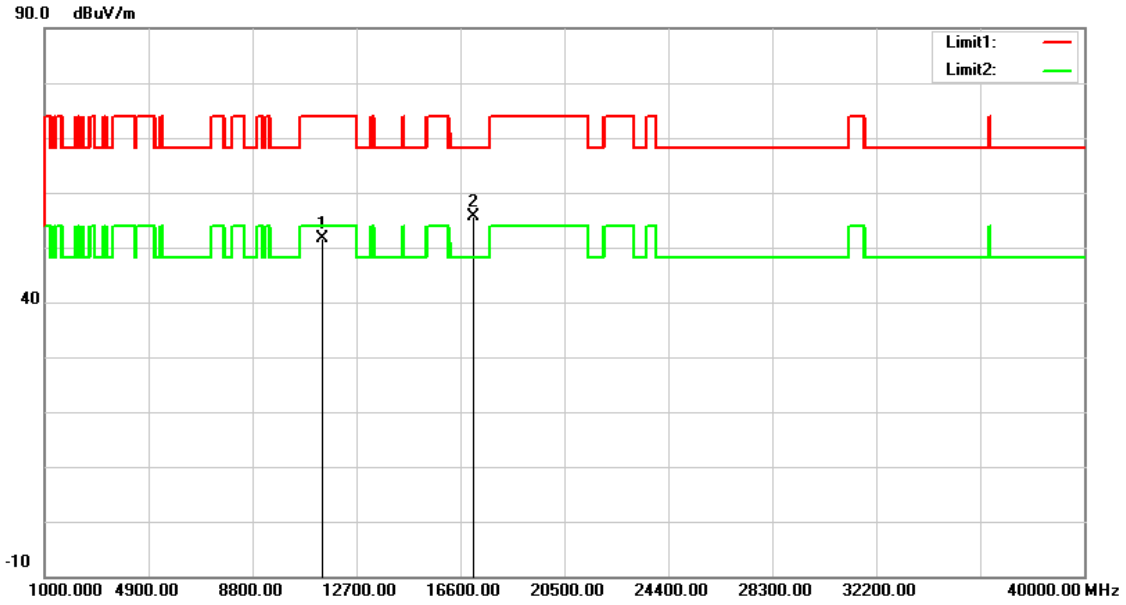
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	34.02	15.22	49.24	74.00	-24.76	peak
2	17100.000	32.80	20.89	53.69	68.20	-14.51	peak

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:	Harmonic		
Frequency:	5700 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



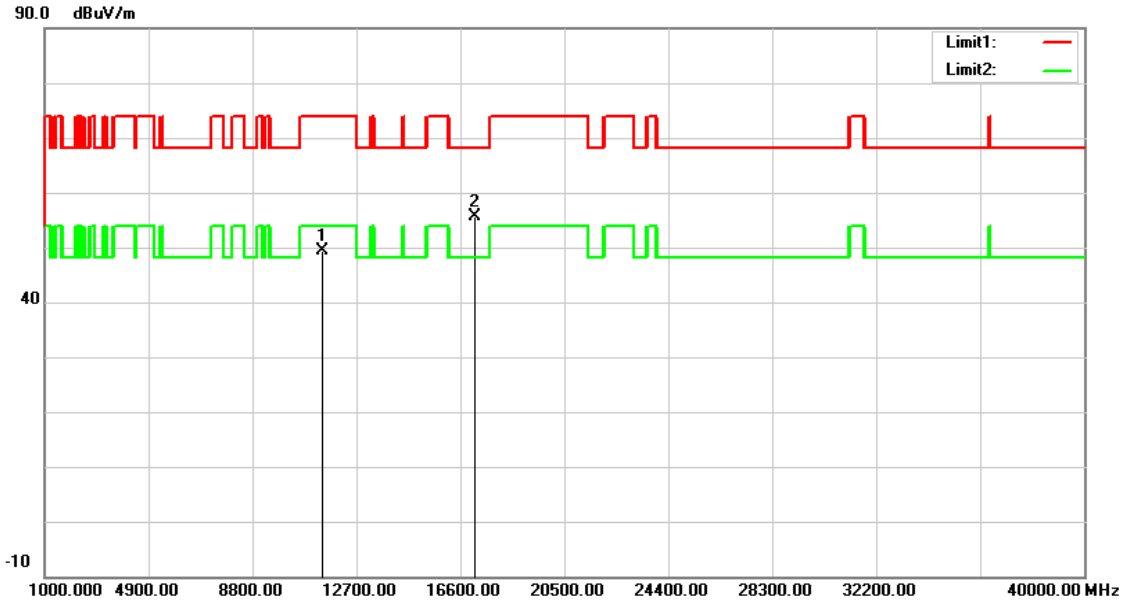
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	36.35	15.22	51.57	74.00	-22.43	peak
2	17100.000	34.76	20.89	55.65	68.20	-12.55	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5720 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



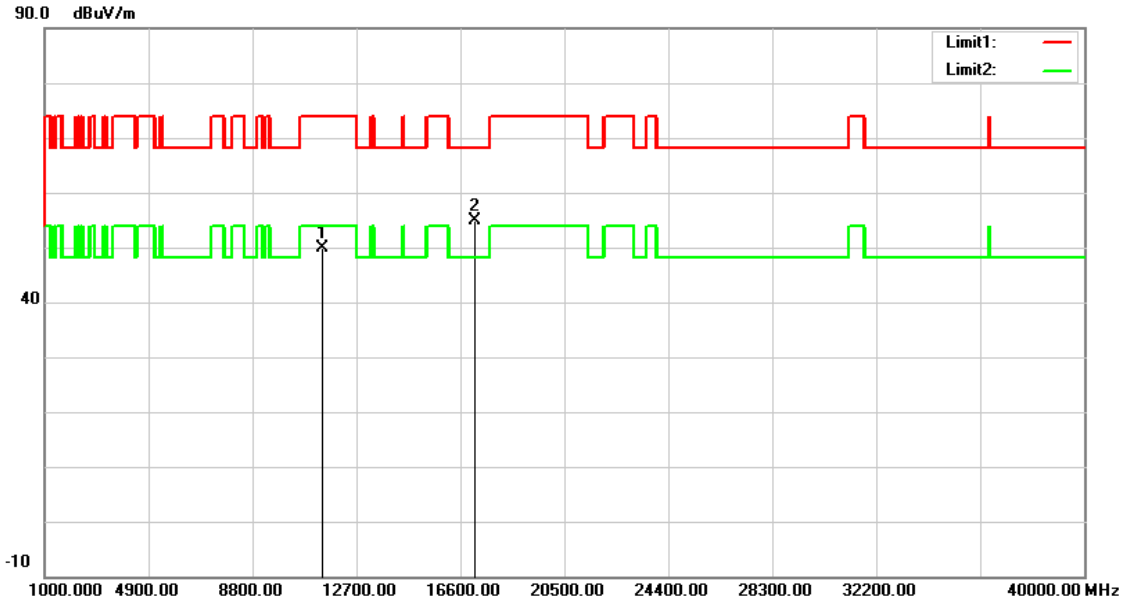
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11440.000	33.99	15.30	49.29	74.00	-24.71	peak
2	17160.000	34.40	21.25	55.65	68.20	-12.55	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5720 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



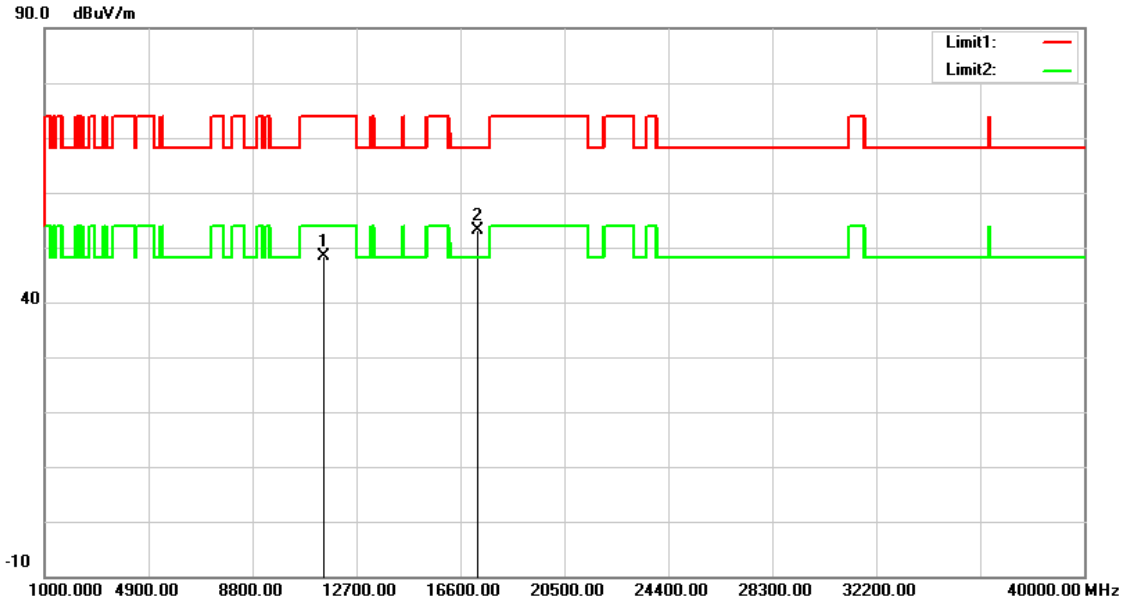
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11440.000	34.46	15.30	49.76	74.00	-24.24	peak
2	17160.000	33.68	21.25	54.93	68.20	-13.27	peak

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

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

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

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



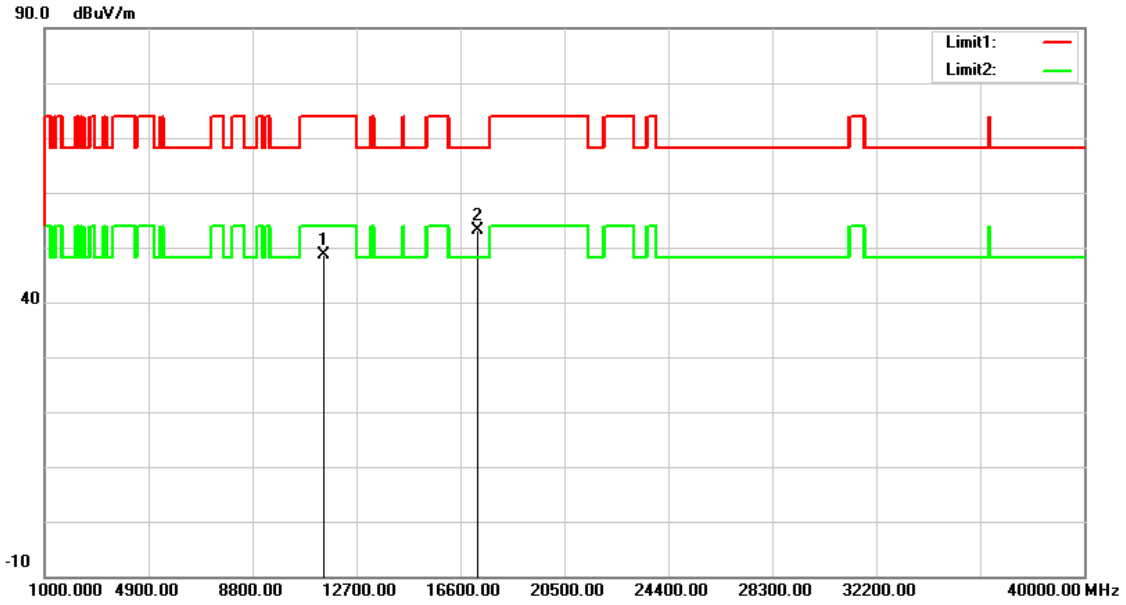
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	32.98	15.39	48.37	74.00	-25.63	peak
2	17235.000	31.44	21.71	53.15	68.20	-15.05	peak

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

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

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

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



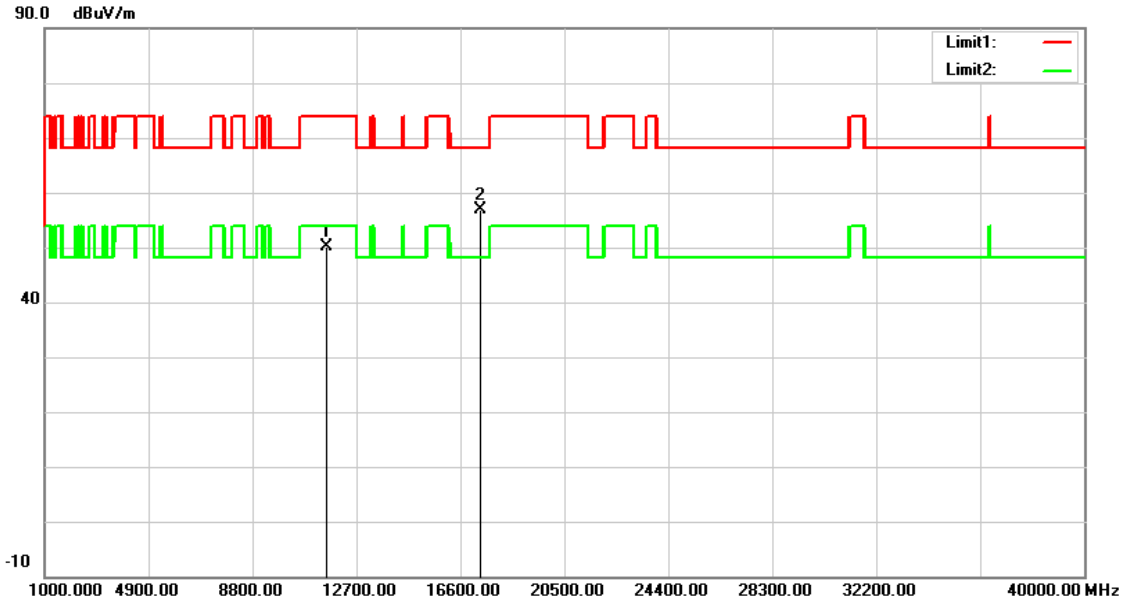
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	33.27	15.39	48.66	74.00	-25.34	peak
2	17235.000	31.46	21.71	53.17	68.20	-15.03	peak

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

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

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

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



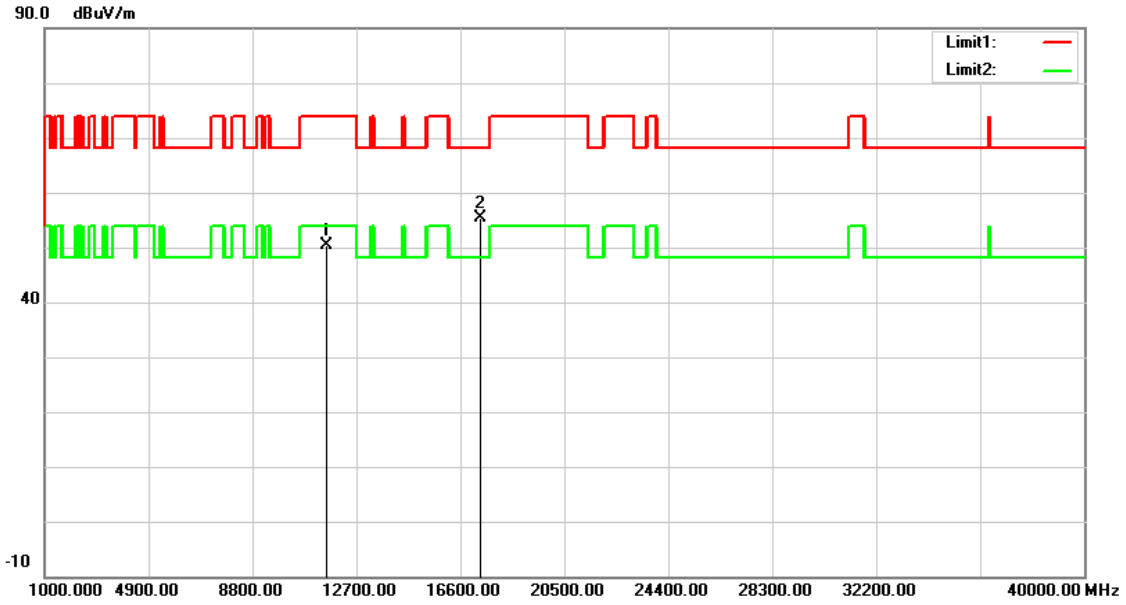
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	34.77	15.25	50.02	74.00	-23.98	peak
2	17355.000	34.39	22.42	56.81	68.20	-11.39	peak

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:	5785 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



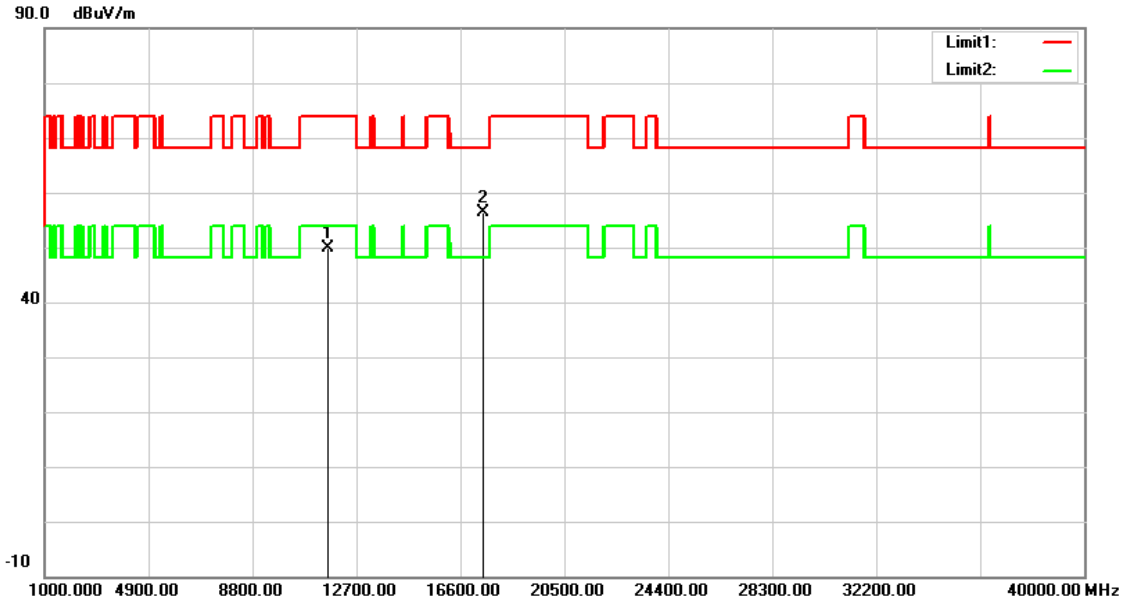
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	35.01	15.25	50.26	74.00	-23.74	peak
2	17355.000	33.06	22.42	55.48	68.20	-12.72	peak

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

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

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

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



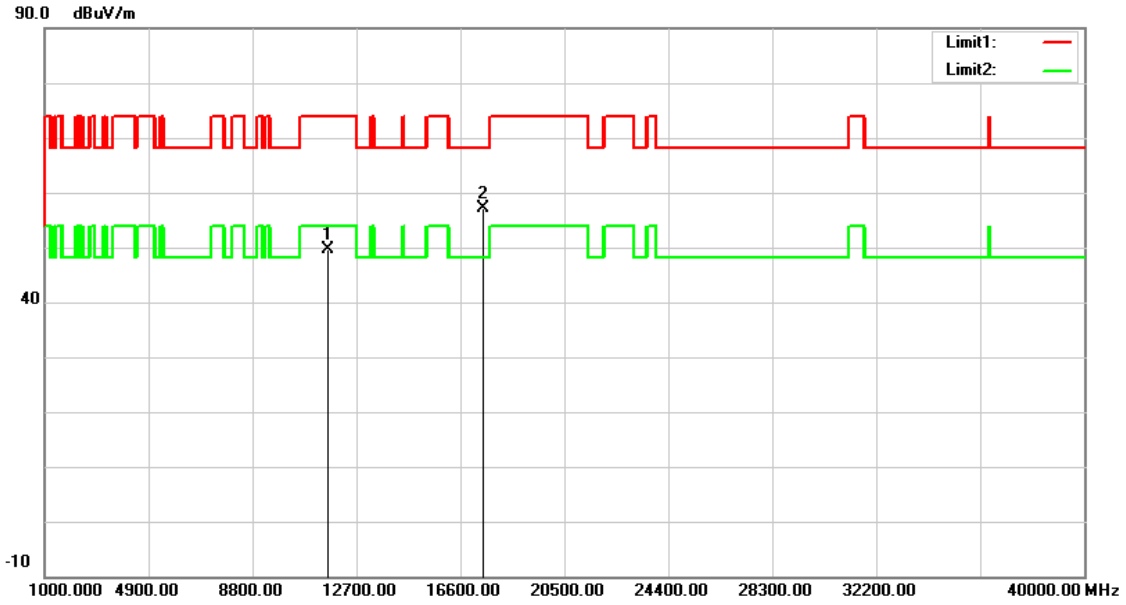
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	34.88	15.08	49.96	74.00	-24.04	peak
2	17475.000	33.21	23.13	56.34	68.20	-11.86	peak

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

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

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

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



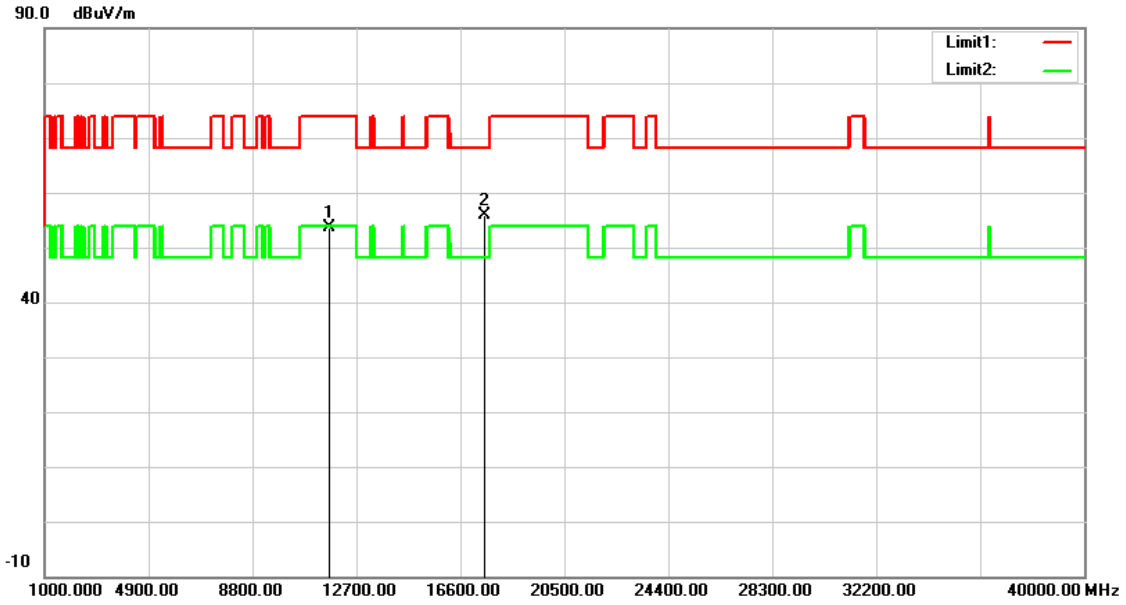
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	34.57	15.08	49.65	74.00	-24.35	peak
2	17475.000	33.88	23.13	57.01	68.20	-11.19	peak

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:	5845 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



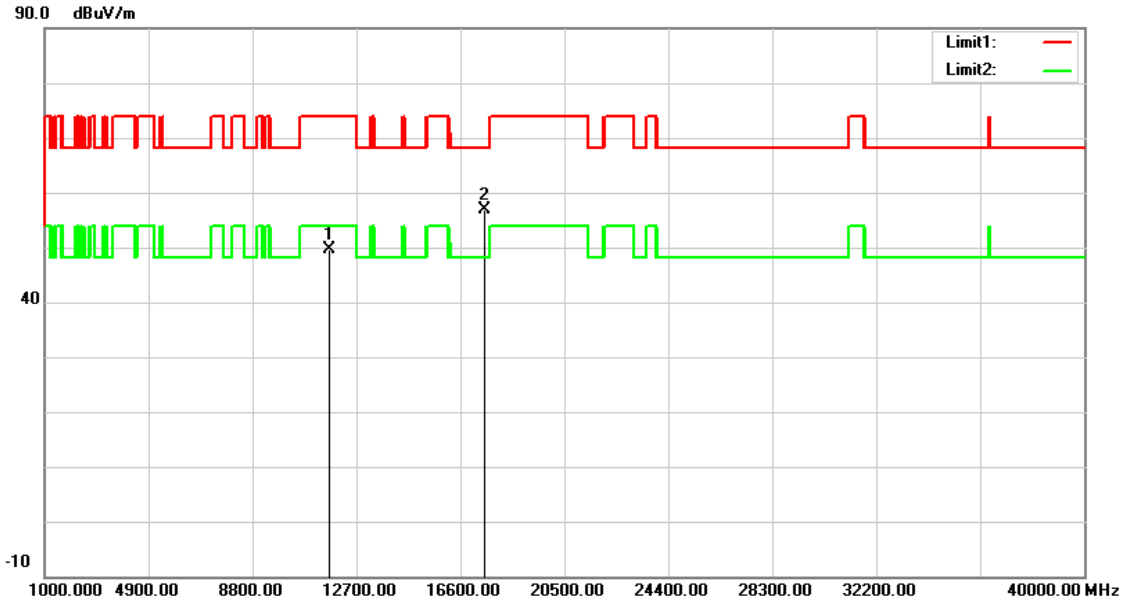
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11690.000	38.67	14.99	53.66	74.00	-20.34	peak
2	17535.000	32.27	23.62	55.89	68.20	-12.31	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5845 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



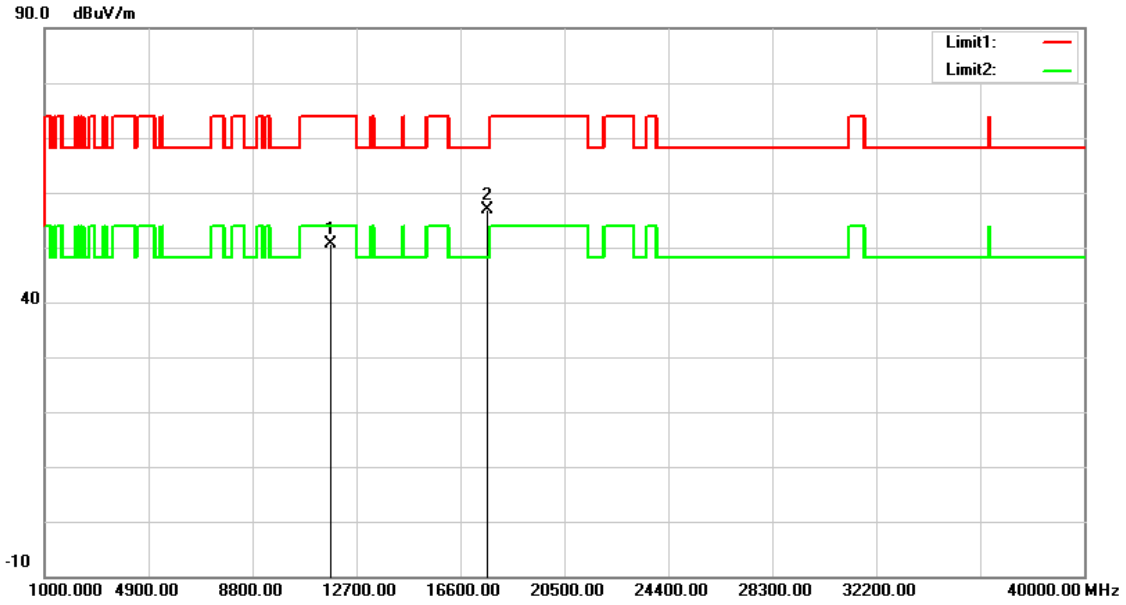
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11690.000	34.59	14.99	49.58	74.00	-24.42	peak
2	17535.000	33.18	23.62	56.80	68.20	-11.40	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5865 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



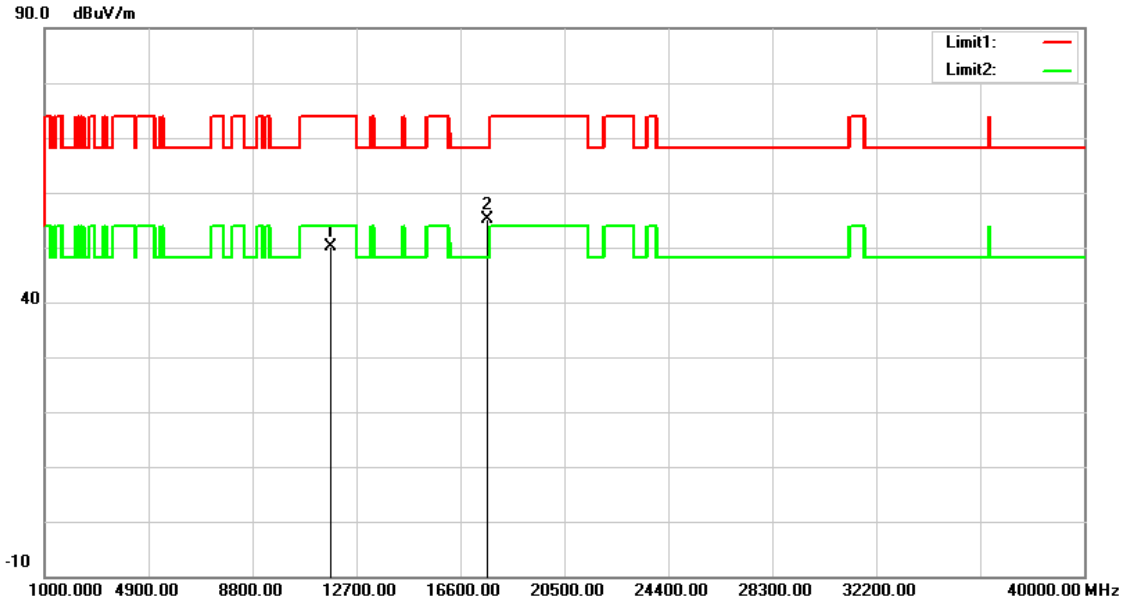
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11730.000	35.63	14.91	50.54	74.00	-23.46	peak
2	17595.000	32.78	24.22	57.00	68.20	-11.20	peak

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:	5865 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



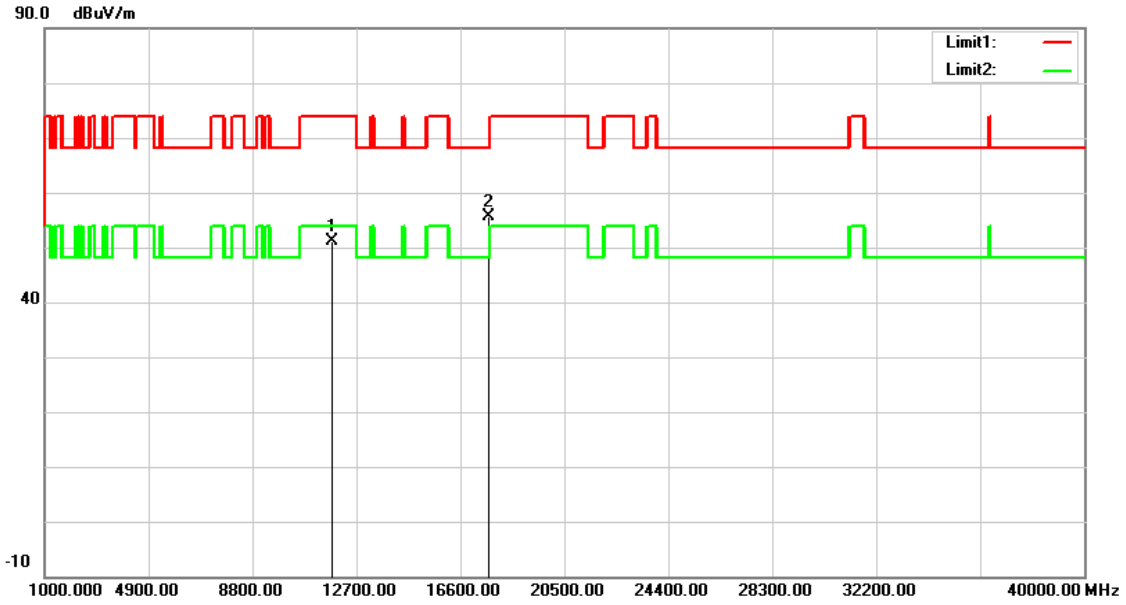
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11730.000	35.18	14.91	50.09	74.00	-23.91	peak
2	17595.000	30.96	24.22	55.18	68.20	-13.02	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5885 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



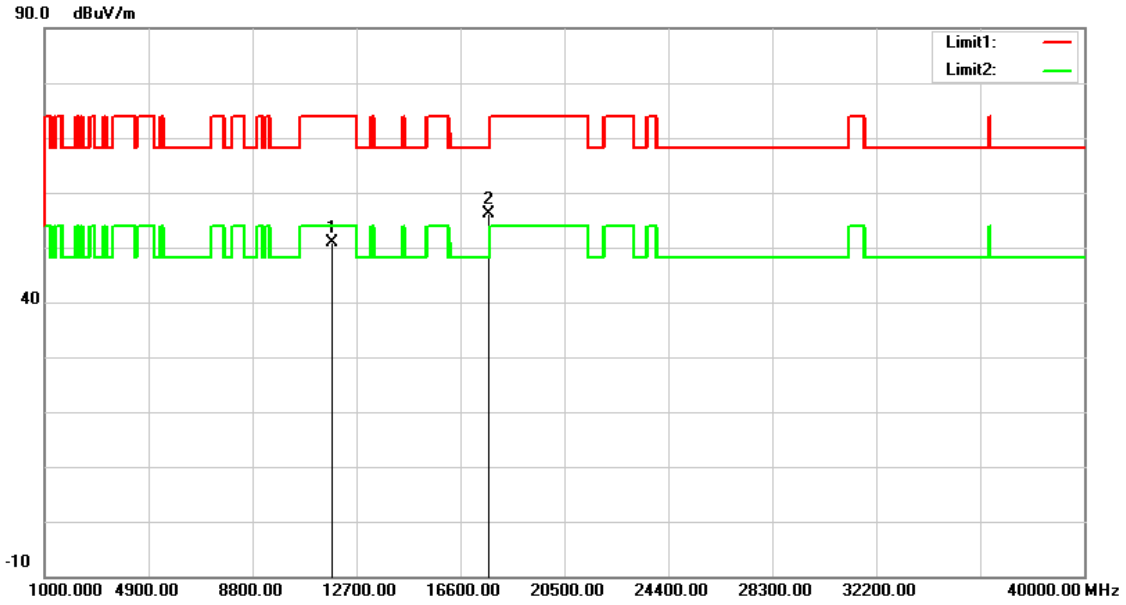
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11770.000	36.35	14.81	51.16	74.00	-22.84	peak
2	17655.000	30.89	24.84	55.73	68.20	-12.47	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5885 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



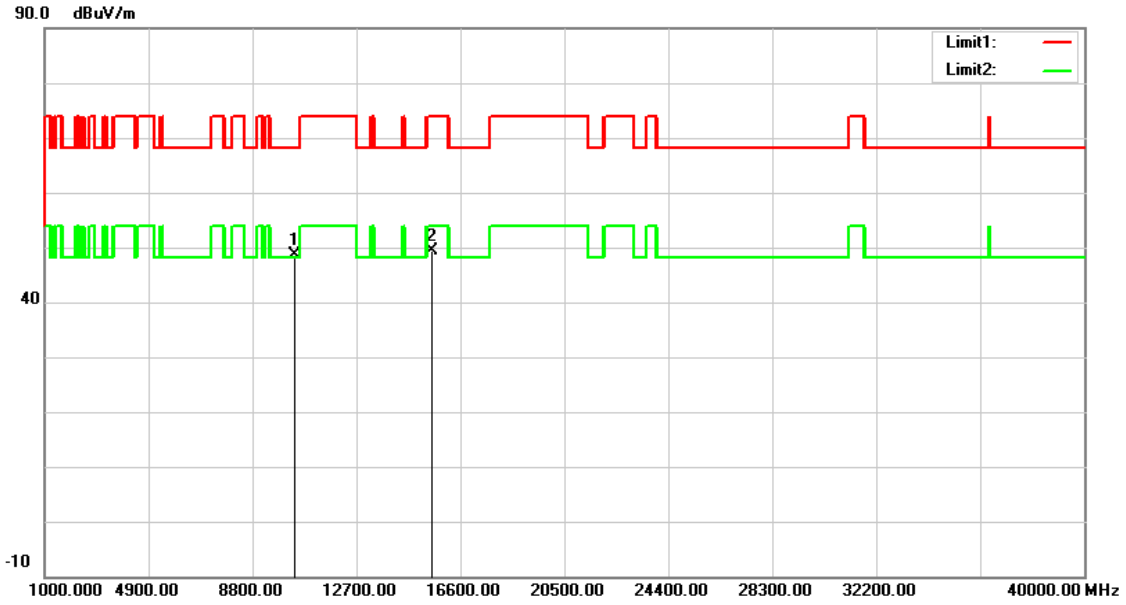
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11770.000	36.05	14.81	50.86	74.00	-23.14	peak
2	17655.000	31.38	24.84	56.22	68.20	-11.98	peak

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:	5180 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



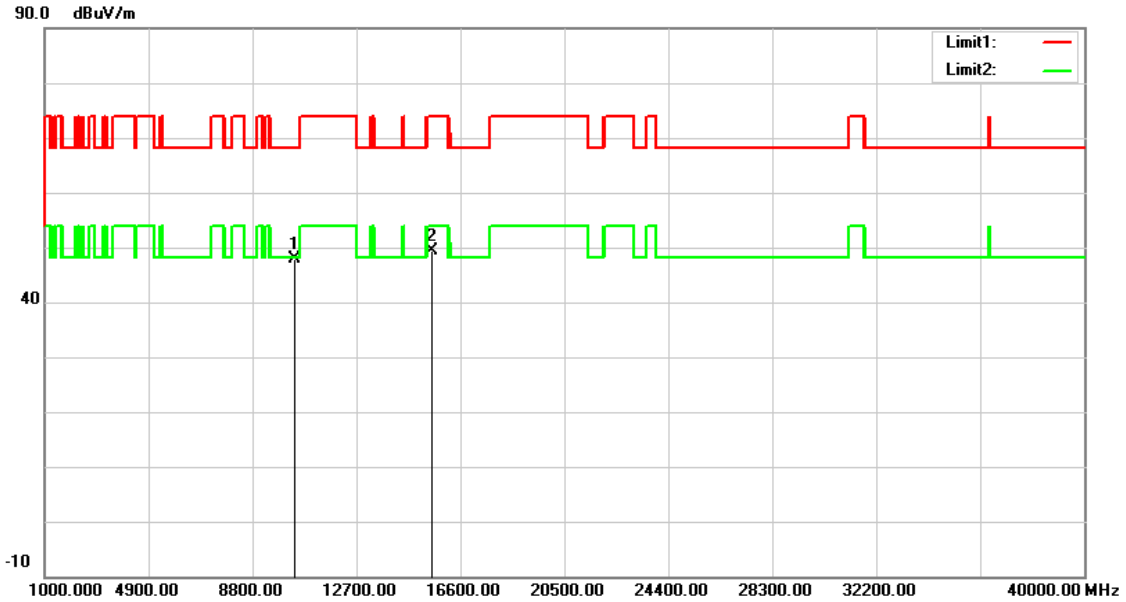
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	34.32	14.29	48.61	68.20	-19.59	peak
2	15540.000	32.54	16.86	49.40	74.00	-24.60	peak

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:	Harmonic		
Frequency:	5180 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



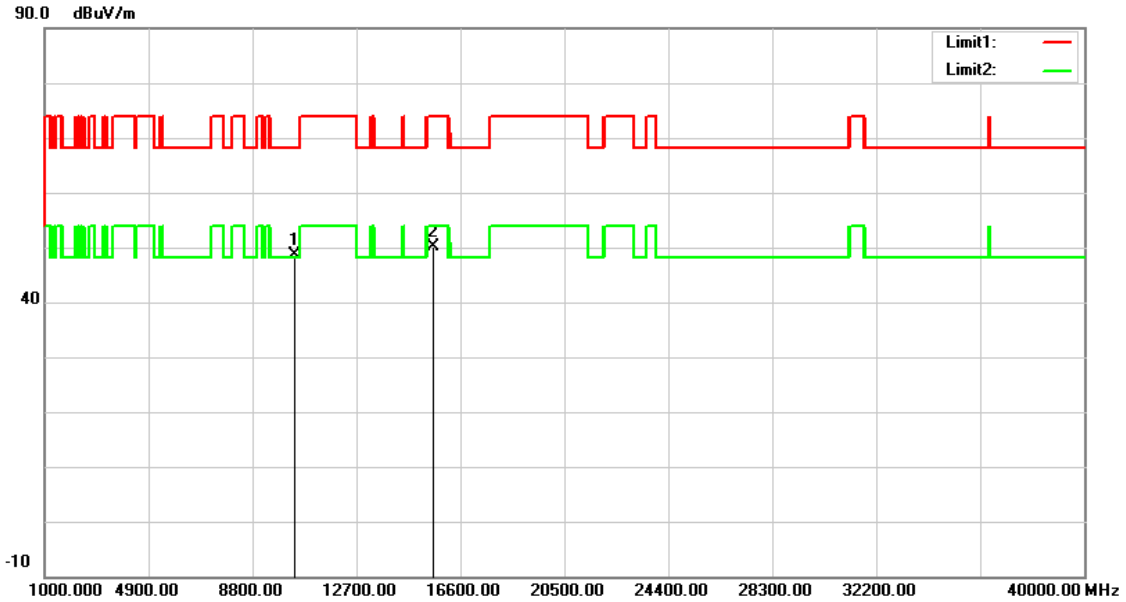
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	33.63	14.29	47.92	68.20	-20.28	peak
2	15540.000	32.59	16.86	49.45	74.00	-24.55	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



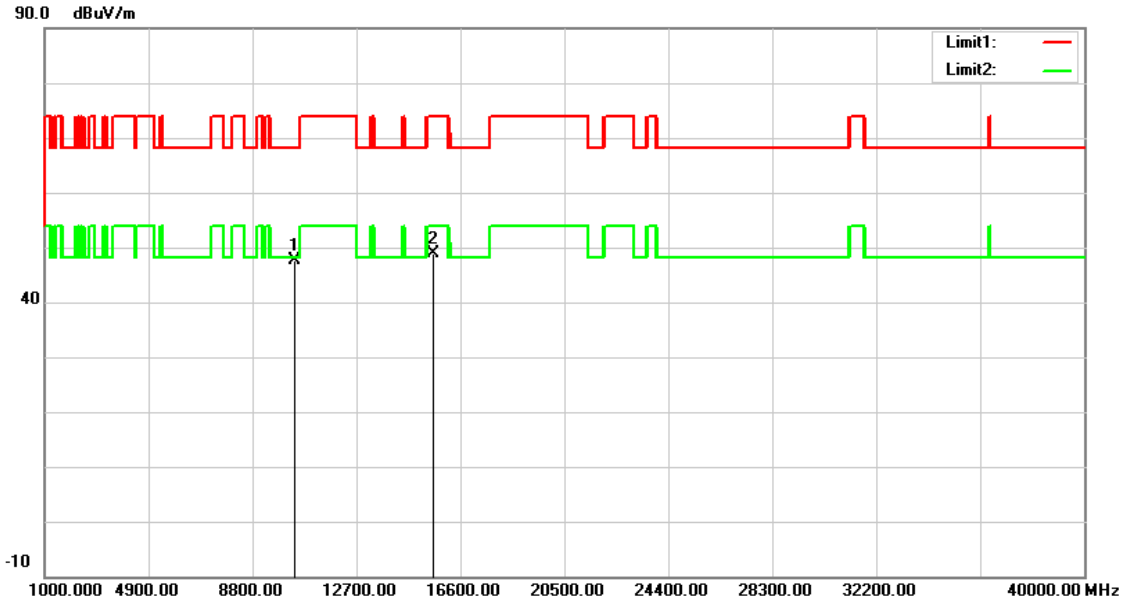
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	34.35	14.38	48.73	68.20	-19.47	peak
2	15600.000	33.41	16.65	50.06	74.00	-23.94	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5200 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



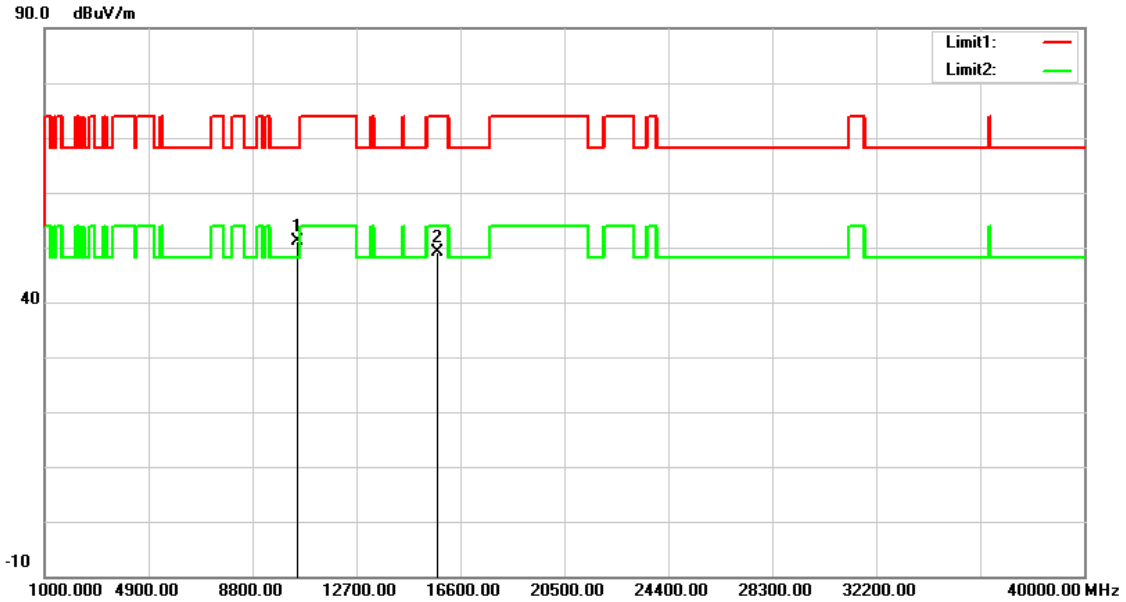
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	33.13	14.38	47.51	68.20	-20.69	peak
2	15600.000	32.29	16.65	48.94	74.00	-25.06	peak

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

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

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



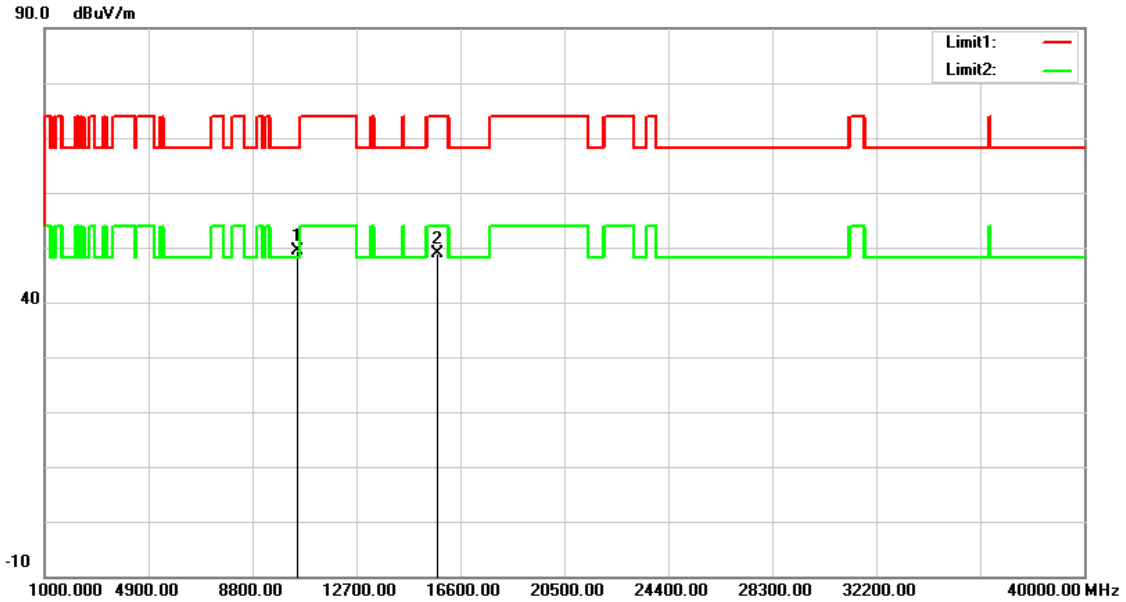
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	36.58	14.55	51.13	68.20	-17.07	peak
2	15720.000	32.88	16.24	49.12	74.00	-24.88	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5240 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



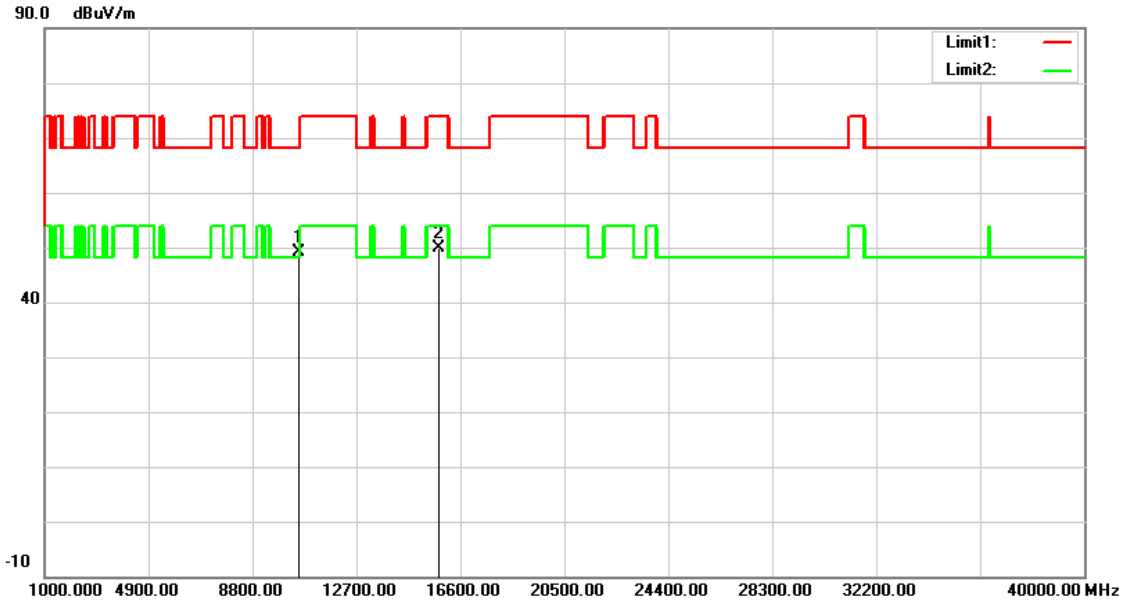
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	34.75	14.55	49.30	68.20	-18.90	peak
2	15720.000	32.66	16.24	48.90	74.00	-25.10	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



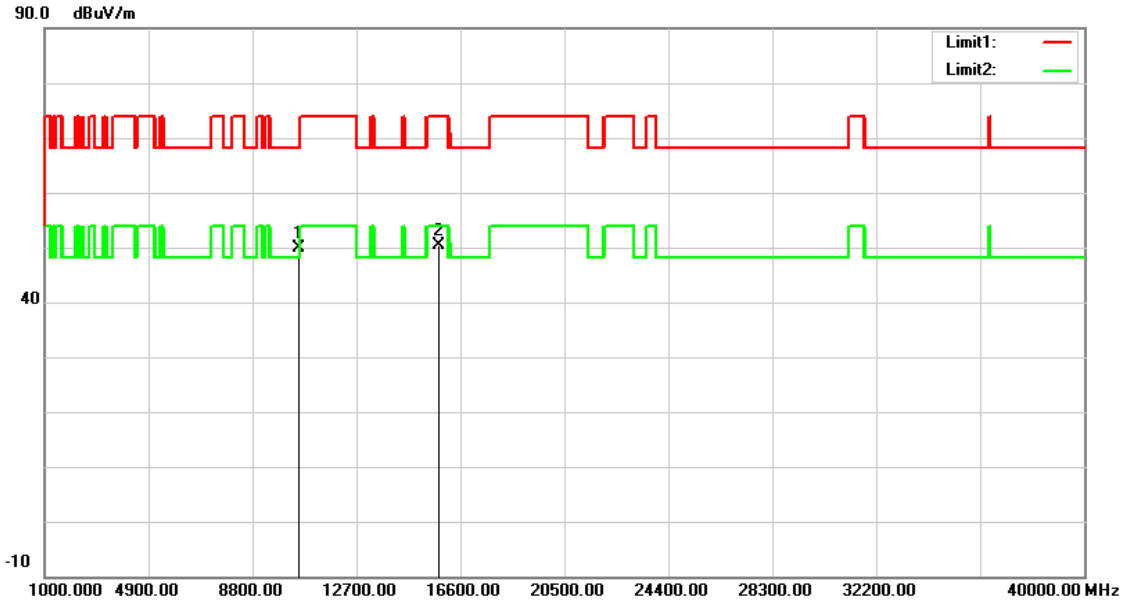
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	34.48	14.59	49.07	68.20	-19.13	peak
2	15780.000	33.89	16.06	49.95	74.00	-24.05	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5260 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



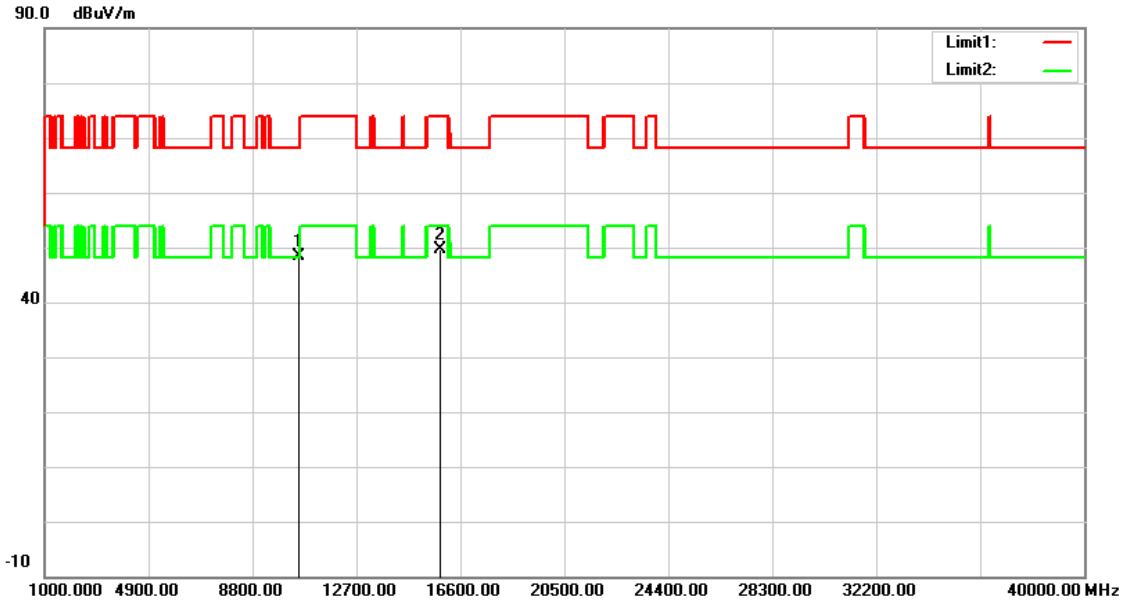
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	35.36	14.59	49.95	68.20	-18.25	peak
2	15780.000	34.25	16.06	50.31	74.00	-23.69	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



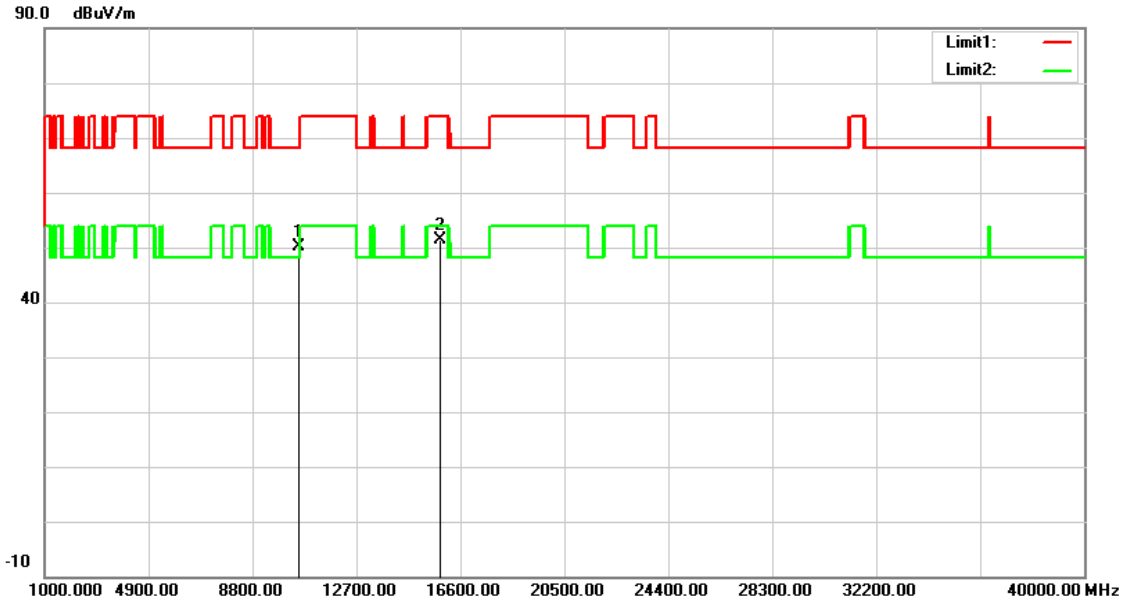
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	33.77	14.58	48.35	68.20	-19.85	peak
2	15840.000	33.78	15.85	49.63	74.00	-24.37	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5280 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



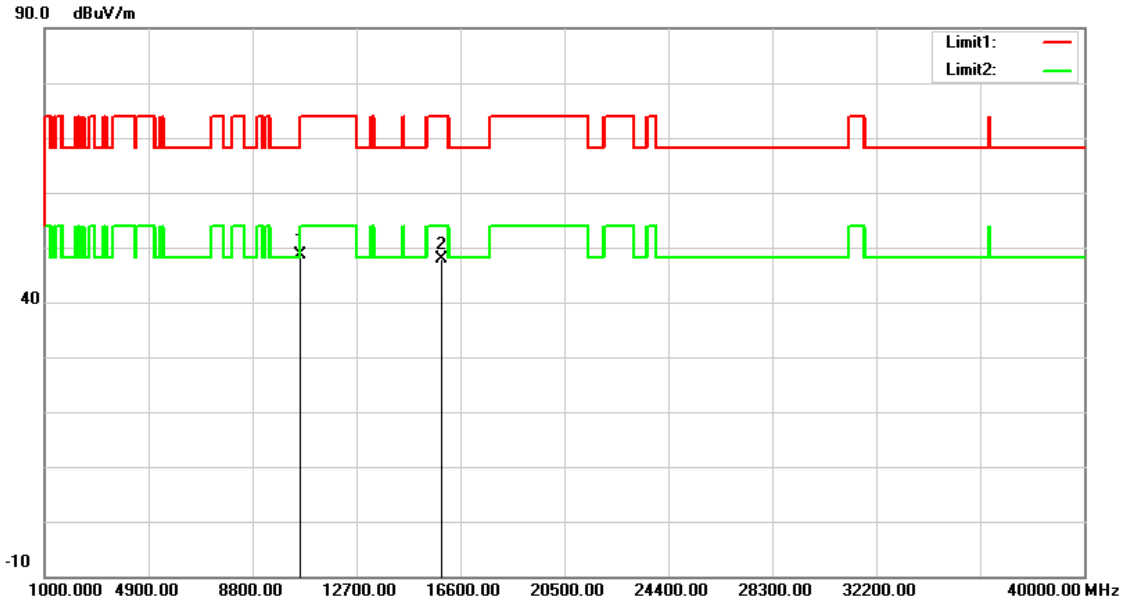
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10560.000	35.51	14.58	50.09	68.20	-18.11	peak
2	15840.000	35.49	15.85	51.34	74.00	-22.66	peak

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:	5300 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



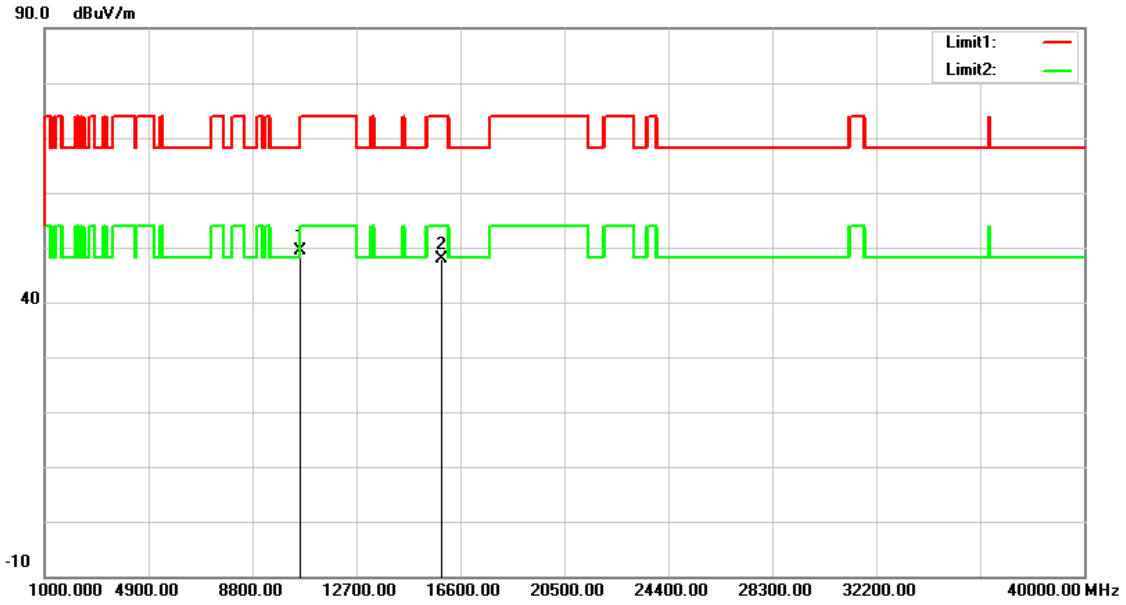
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	34.18	14.57	48.75	68.20	-19.45	peak
2	15900.000	32.20	15.65	47.85	74.00	-26.15	peak

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:	5300 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



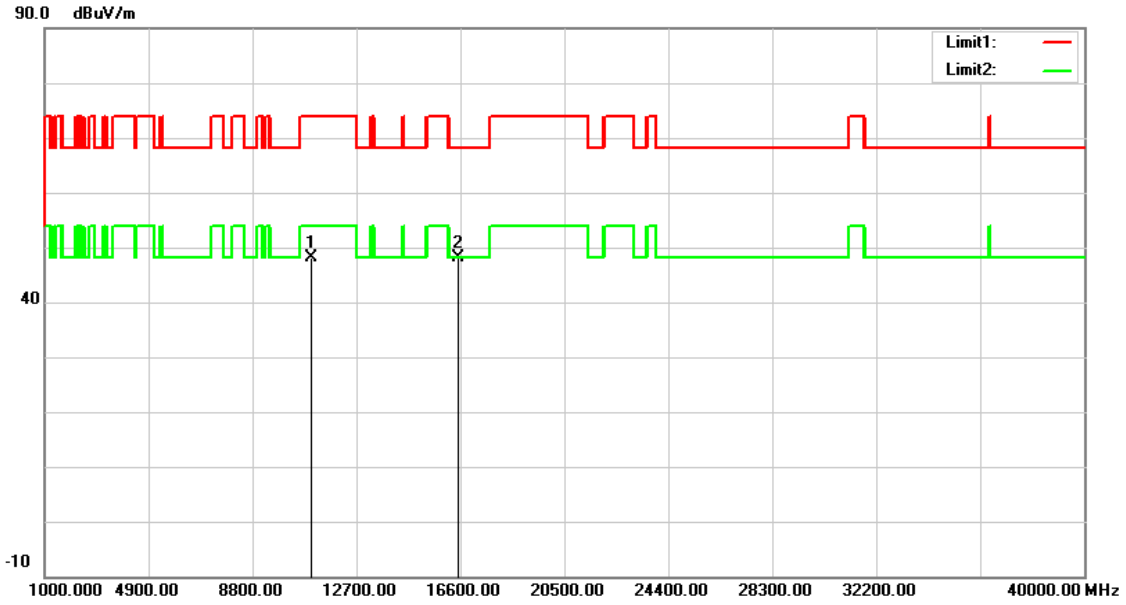
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	34.77	14.57	49.34	68.20	-18.86	peak
2	15900.000	32.28	15.65	47.93	74.00	-26.07	peak

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:	5500 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



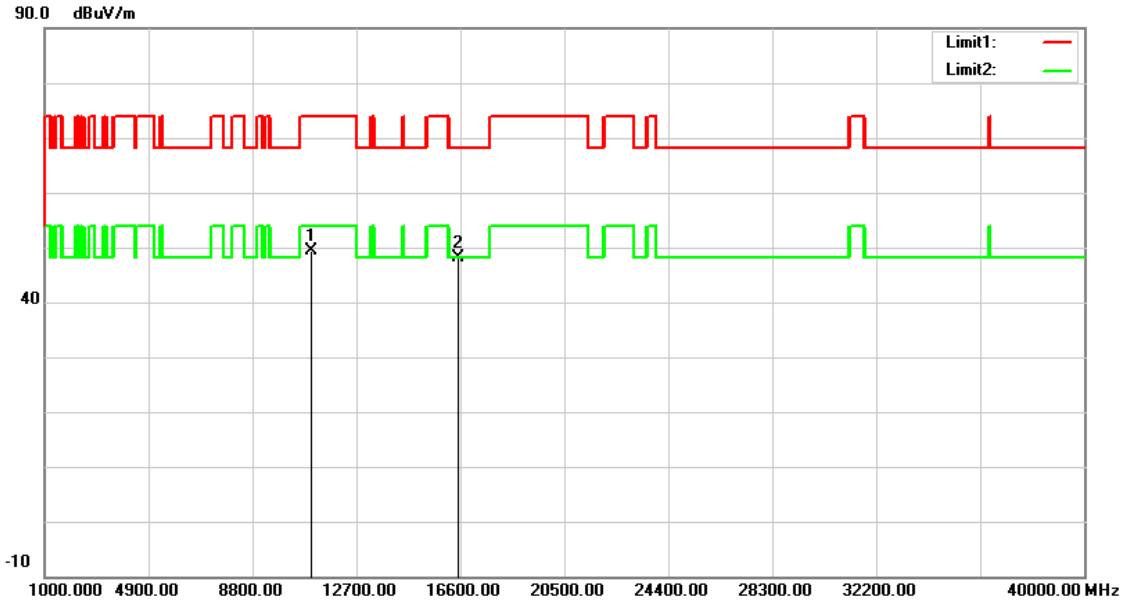
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	33.65	14.47	48.12	74.00	-25.88	peak
2	16500.000	31.52	16.63	48.15	68.20	-20.05	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



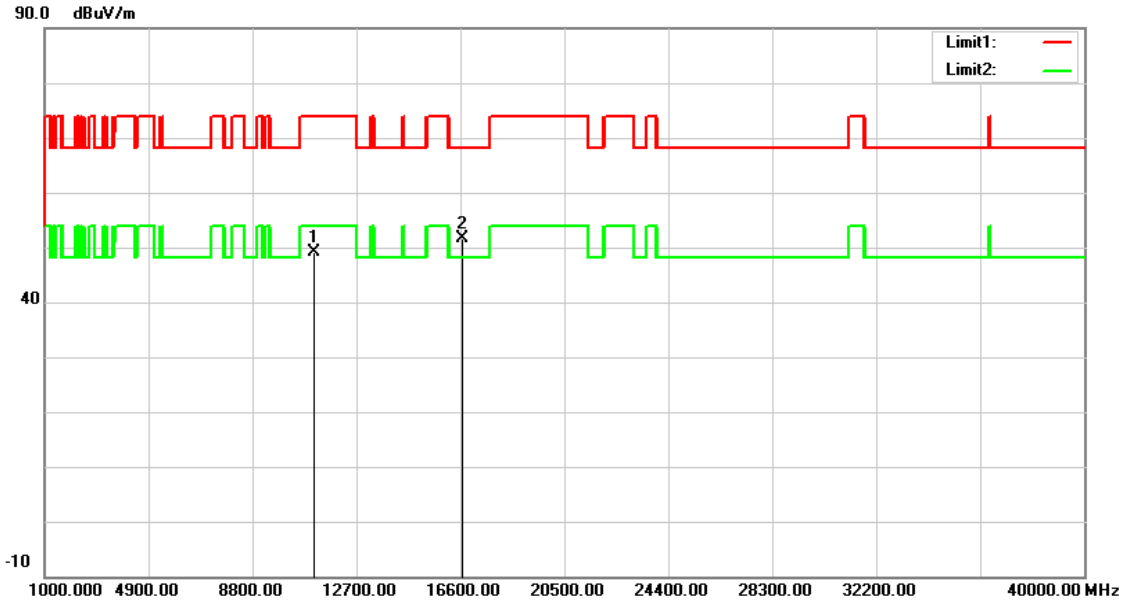
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	34.92	14.47	49.39	74.00	-24.61	peak
2	16500.000	31.60	16.63	48.23	68.20	-19.97	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5560 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



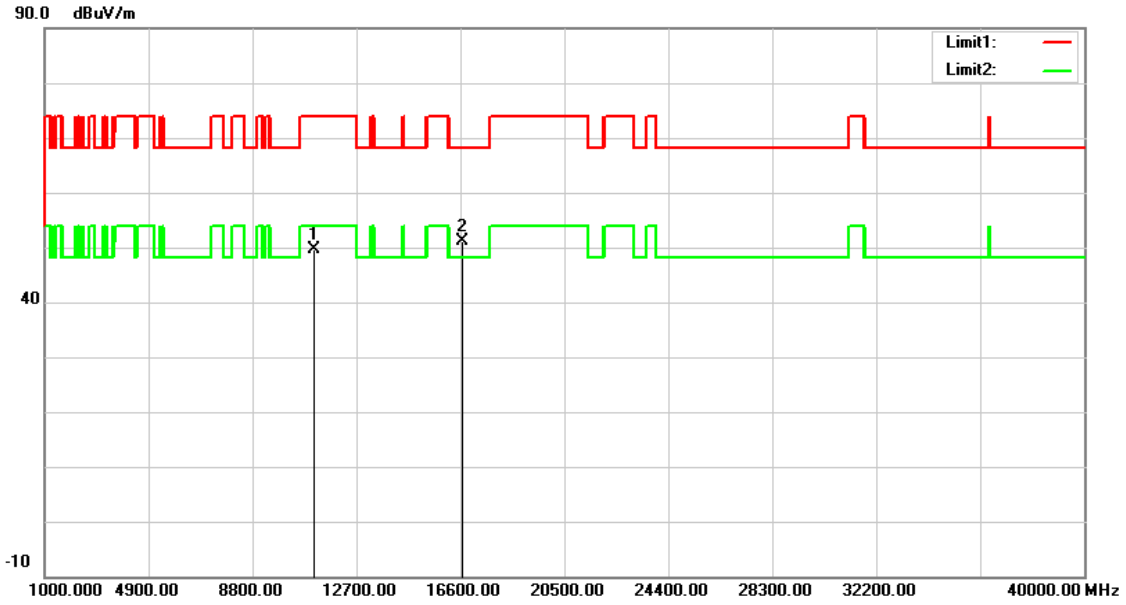
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	34.39	14.70	49.09	74.00	-24.91	peak
2	16680.000	33.62	17.95	51.57	68.20	-16.63	peak

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:	Harmonic		
Frequency:	5560 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



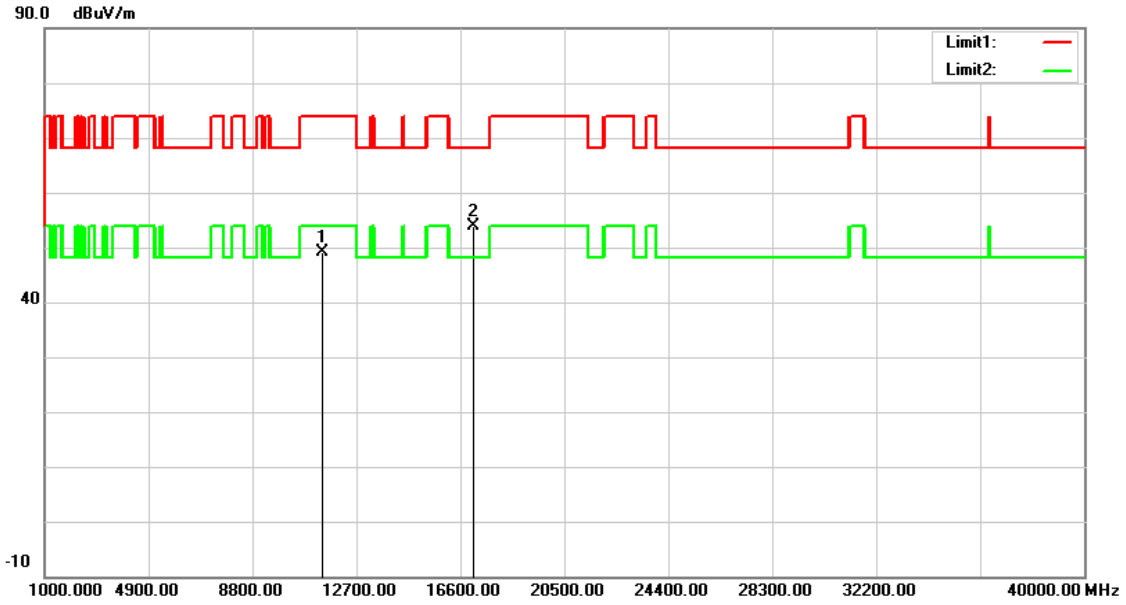
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11120.000	34.87	14.70	49.57	74.00	-24.43	peak
2	16680.000	33.28	17.95	51.23	68.20	-16.97	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



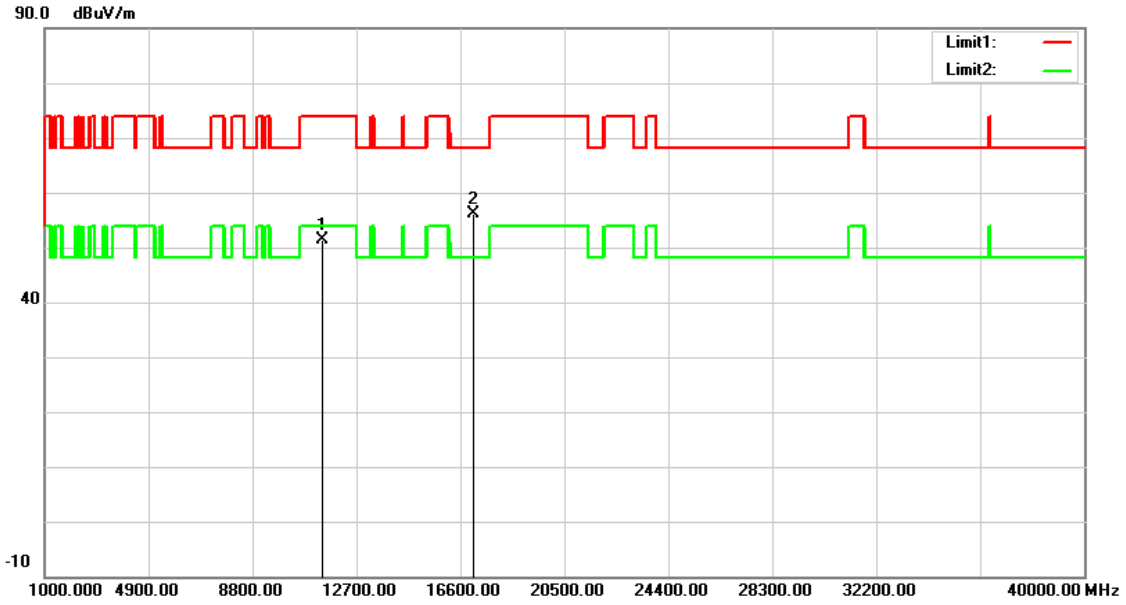
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	33.97	15.22	49.19	74.00	-24.81	peak
2	17100.000	33.08	20.89	53.97	68.20	-14.23	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5700 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



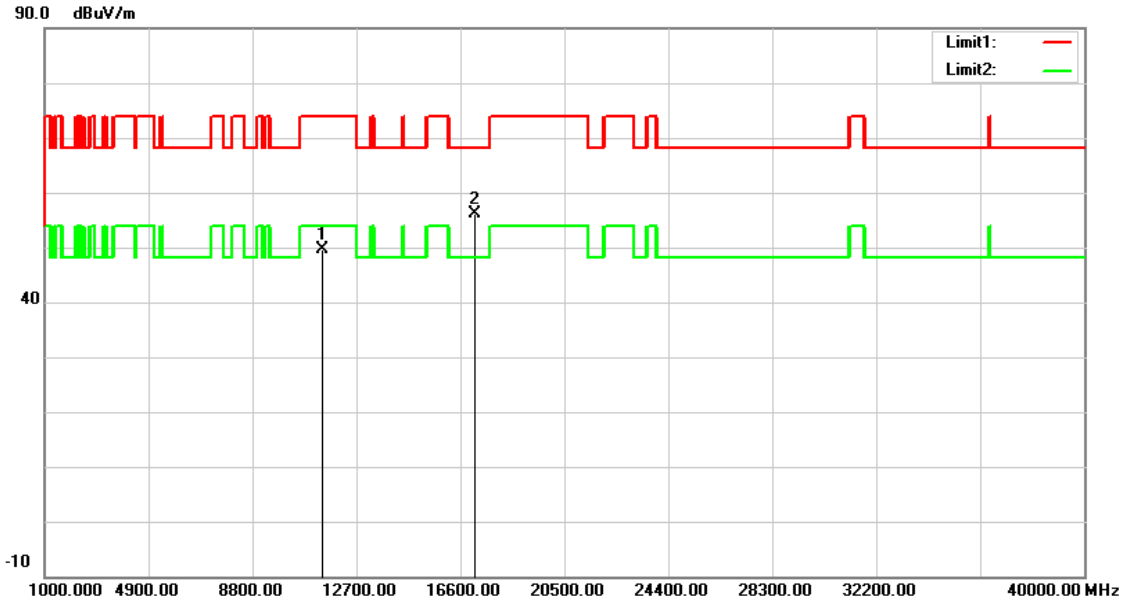
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	36.21	15.22	51.43	74.00	-22.57	peak
2	17100.000	35.23	20.89	56.12	68.20	-12.08	peak

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:	5720 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



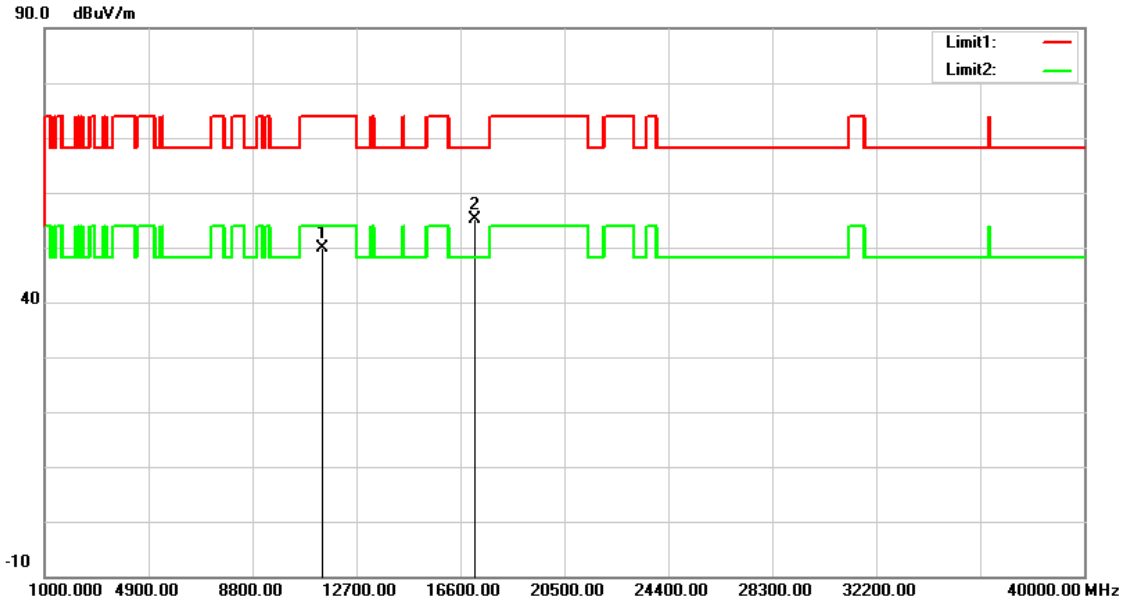
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11440.000	34.33	15.30	49.63	74.00	-24.37	peak
2	17160.000	34.86	21.25	56.11	68.20	-12.09	peak

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:	5720 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



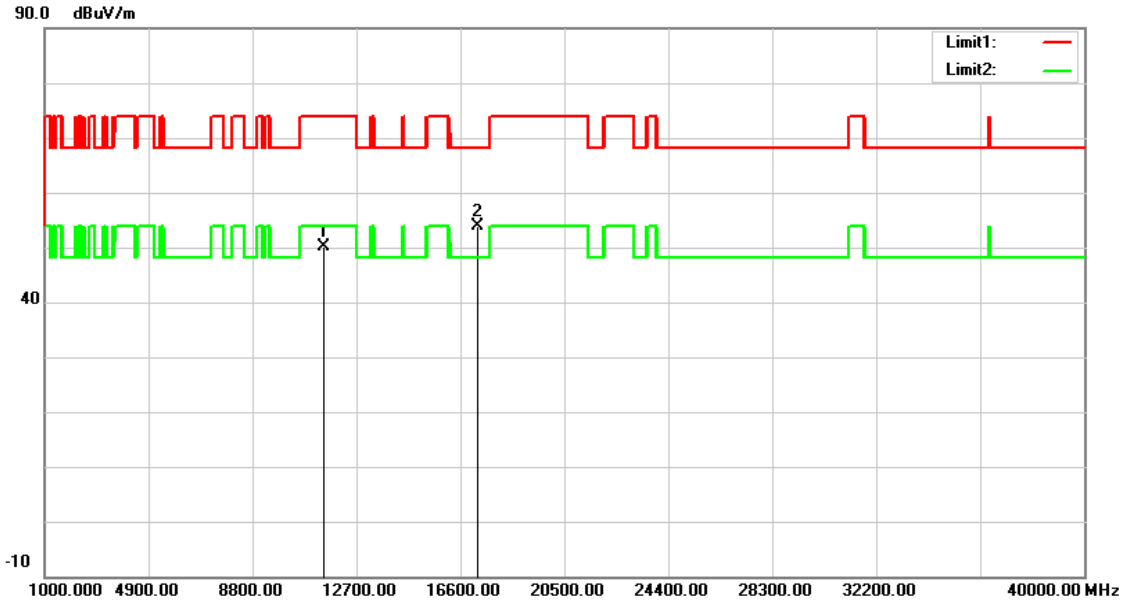
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11440.000	34.65	15.30	49.95	74.00	-24.05	peak
2	17160.000	33.82	21.25	55.07	68.20	-13.13	peak

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:	5745 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



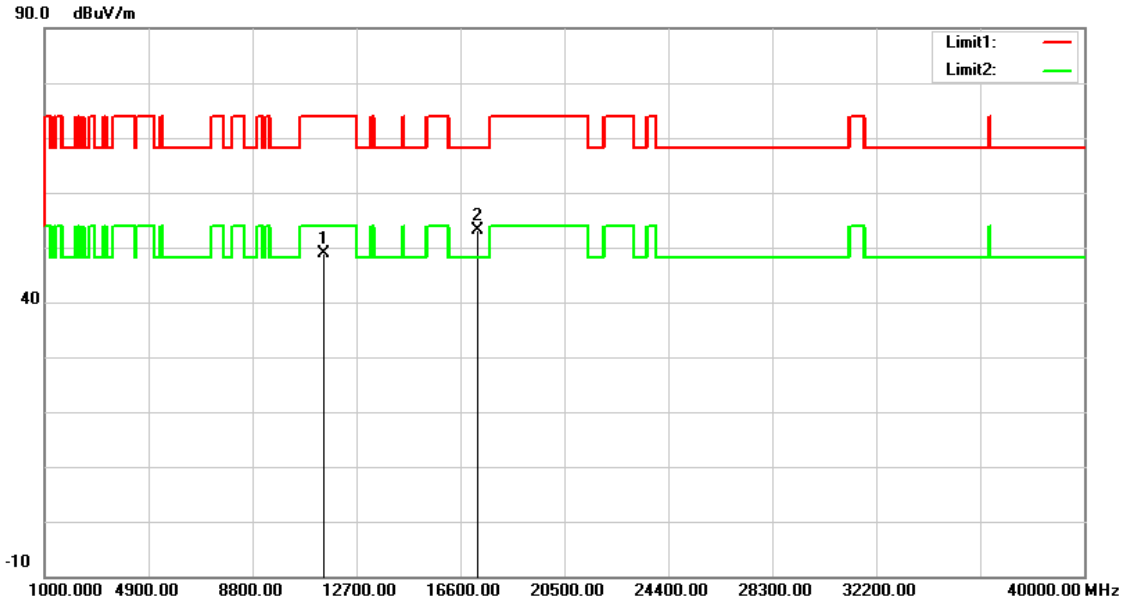
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	34.72	15.39	50.11	74.00	-23.89	peak
2	17235.000	32.24	21.71	53.95	68.20	-14.25	peak

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:	5745 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



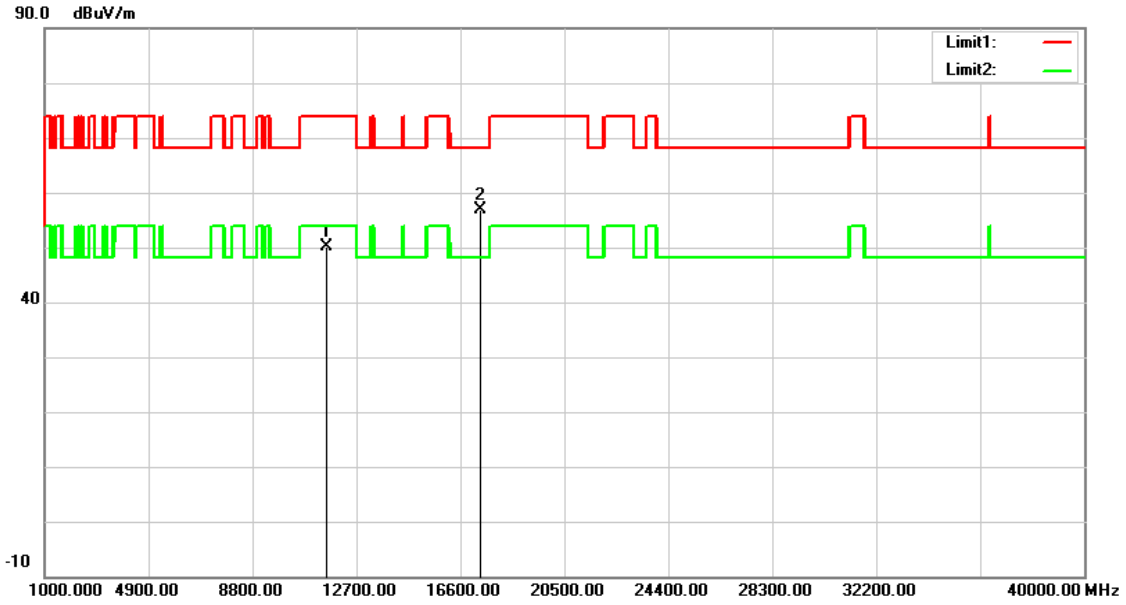
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	33.57	15.39	48.96	74.00	-25.04	peak
2	17235.000	31.45	21.71	53.16	68.20	-15.04	peak

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:	5785 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



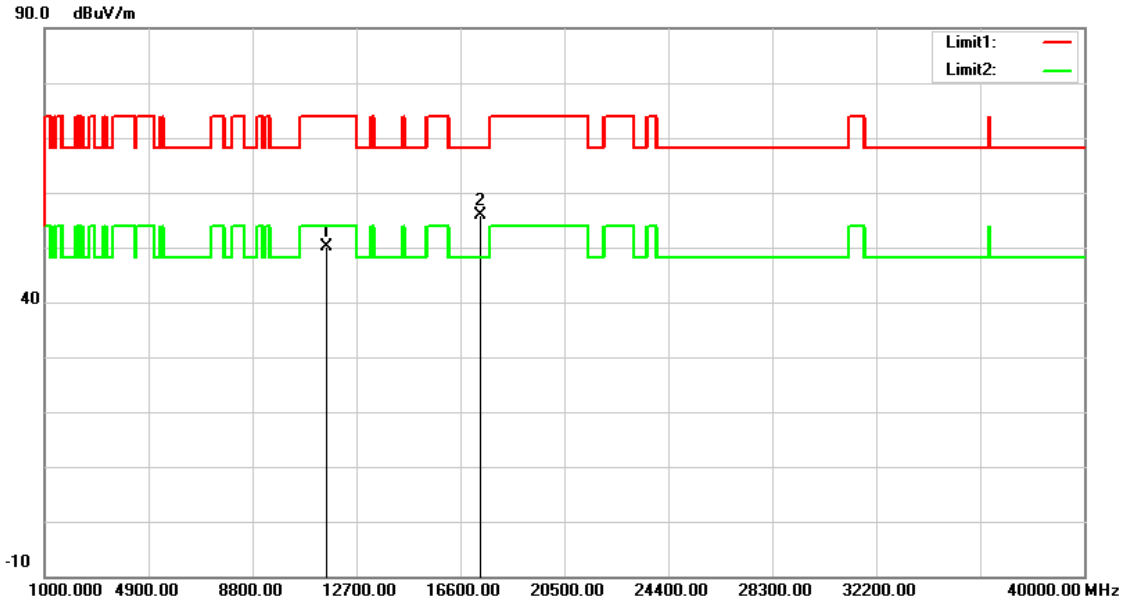
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	35.00	15.25	50.25	74.00	-23.75	peak
2	17355.000	34.38	22.42	56.80	68.20	-11.40	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5785 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



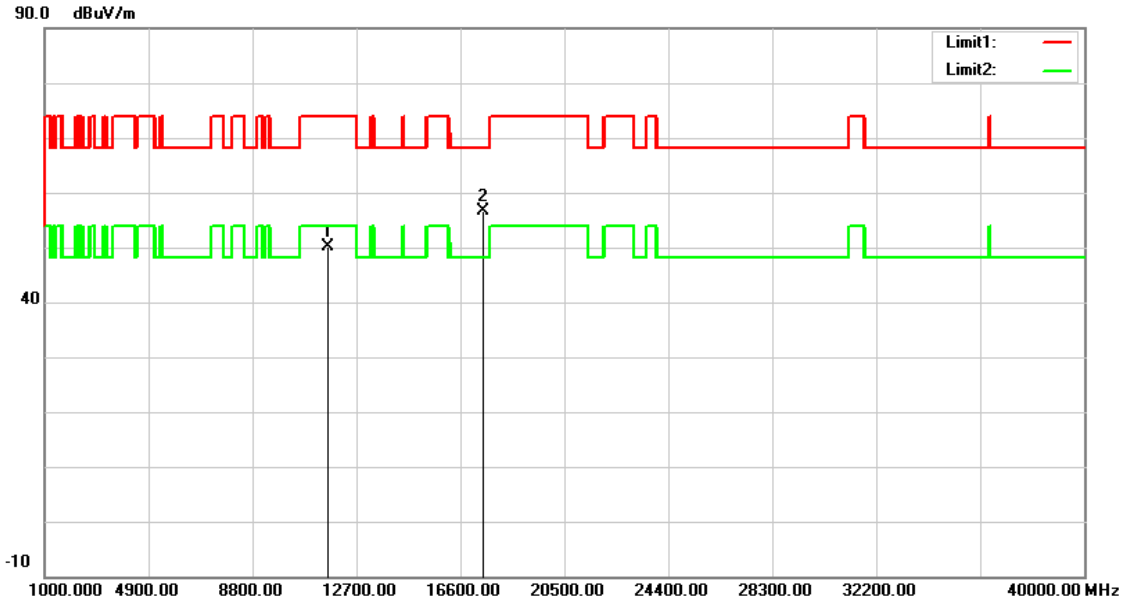
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	34.95	15.25	50.20	74.00	-23.80	peak
2	17355.000	33.39	22.42	55.81	68.20	-12.39	peak

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:	5825 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



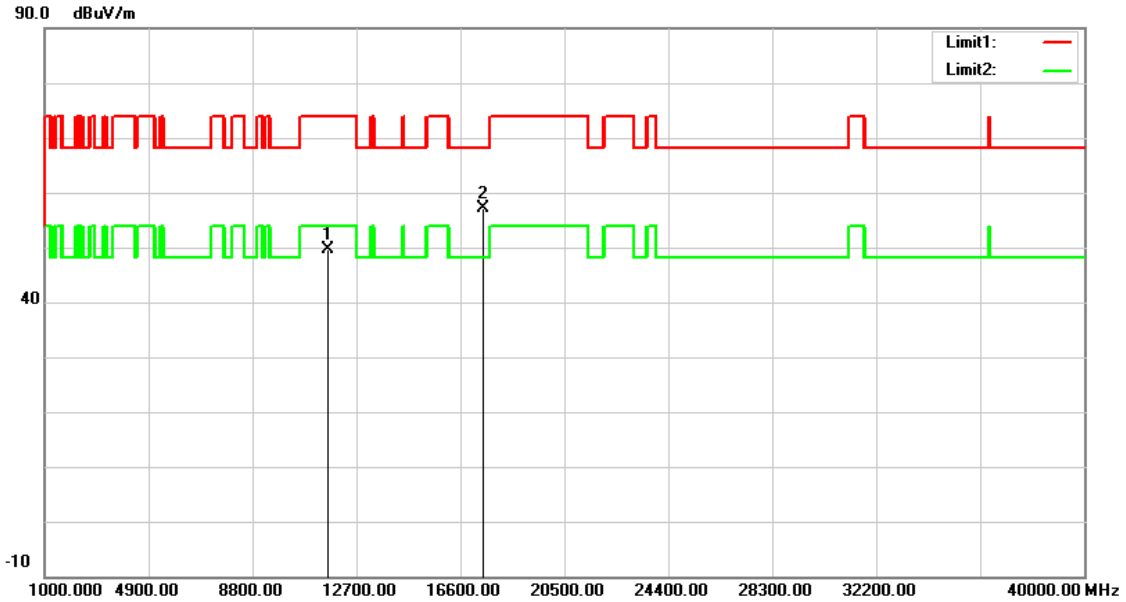
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	35.08	15.08	50.16	74.00	-23.84	peak
2	17475.000	33.47	23.13	56.60	68.20	-11.60	peak

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:	Harmonic		
Frequency:	5825 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



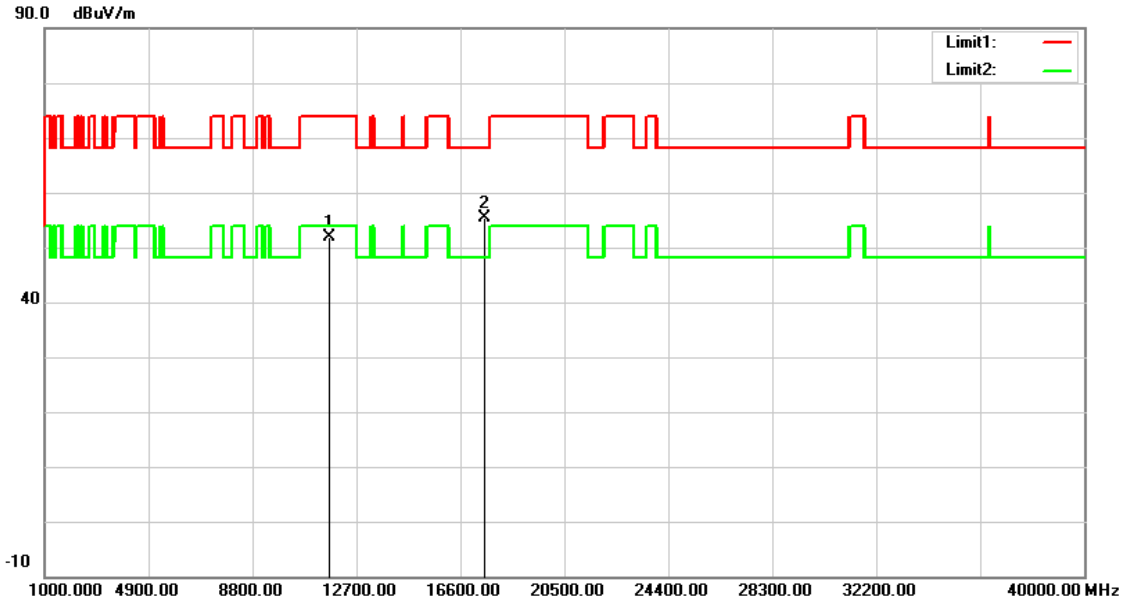
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	34.51	15.08	49.59	74.00	-24.41	peak
2	17475.000	33.89	23.13	57.02	68.20	-11.18	peak

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:	5845 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



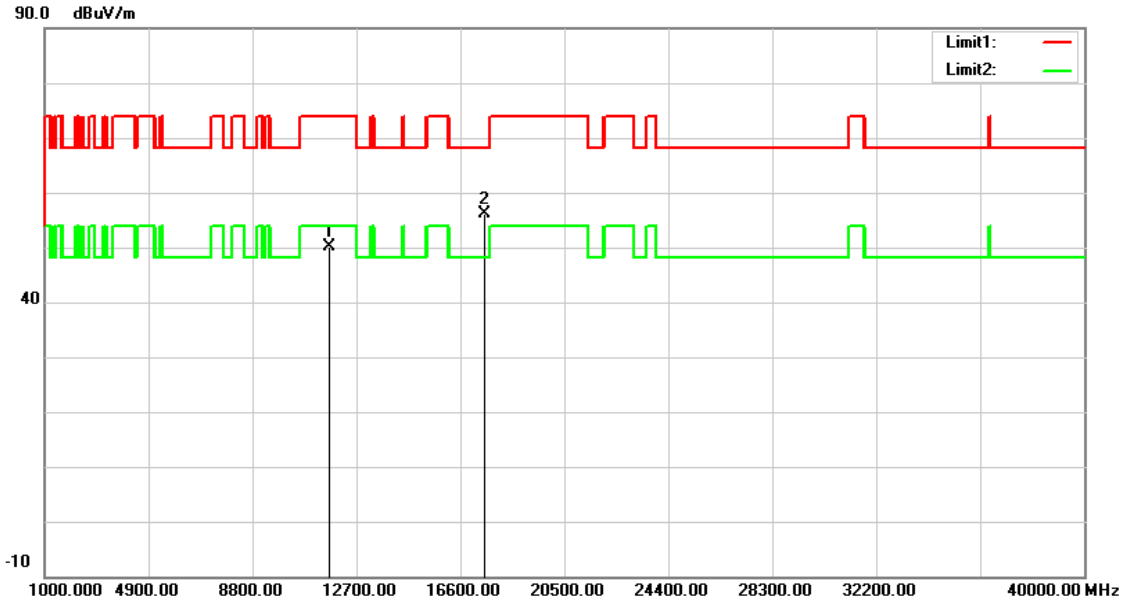
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11690.000	36.82	14.99	51.81	74.00	-22.19	peak
2	17535.000	31.85	23.62	55.47	68.20	-12.73	peak

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:	Harmonic		
Frequency:	5845 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



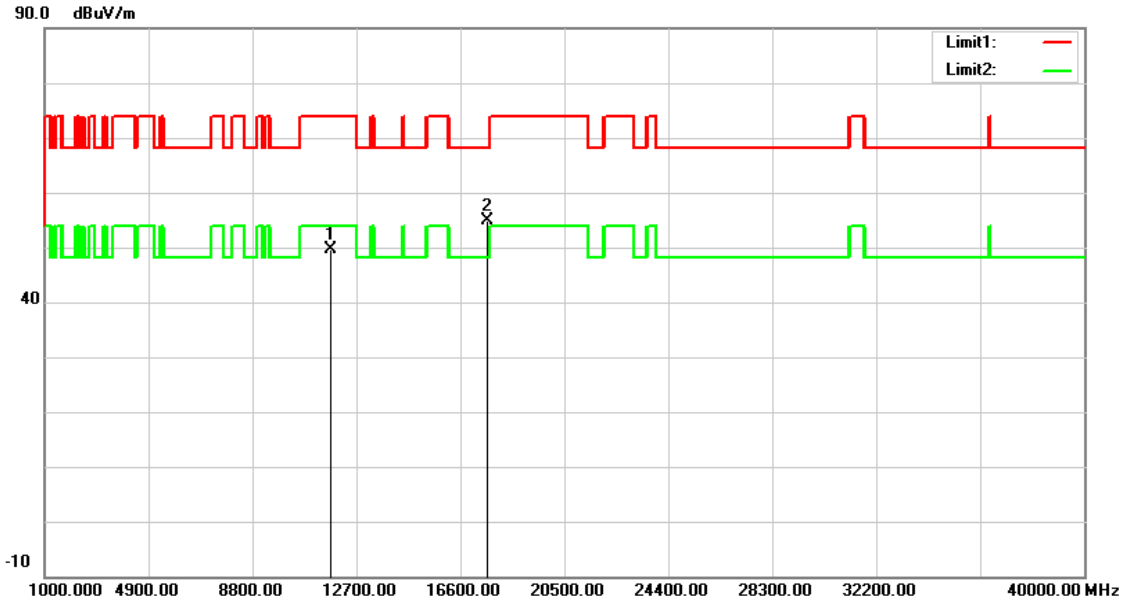
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11690.000	35.05	14.99	50.04	74.00	-23.96	peak
2	17535.000	32.57	23.62	56.19	68.20	-12.01	peak

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:	5865 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



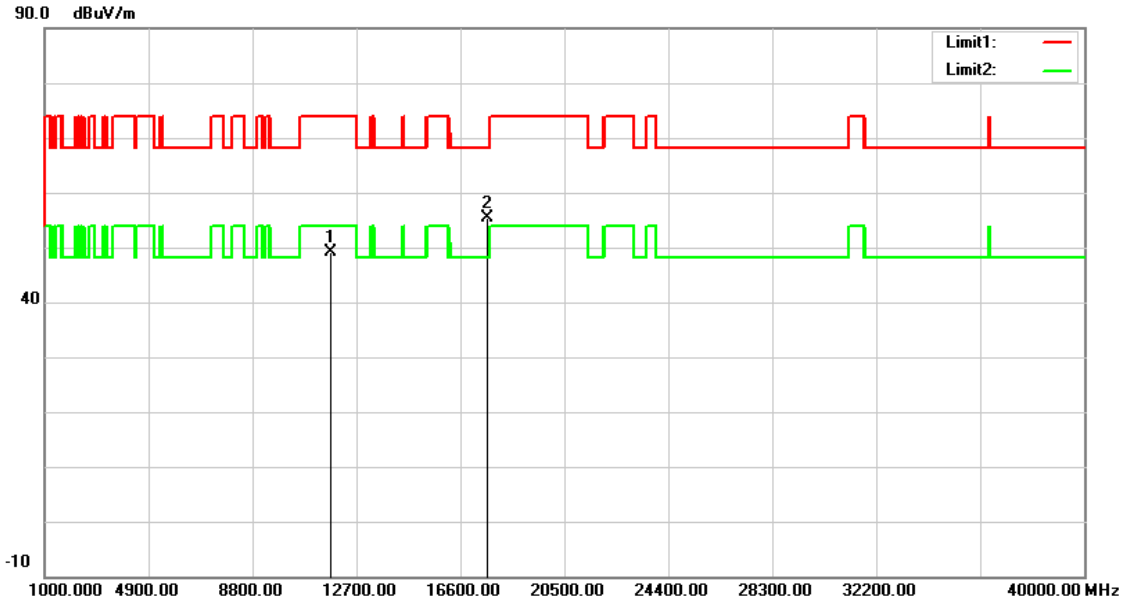
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11730.000	34.72	14.91	49.63	74.00	-24.37	peak
2	17595.000	30.73	24.22	54.95	68.20	-13.25	peak

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:	5865 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



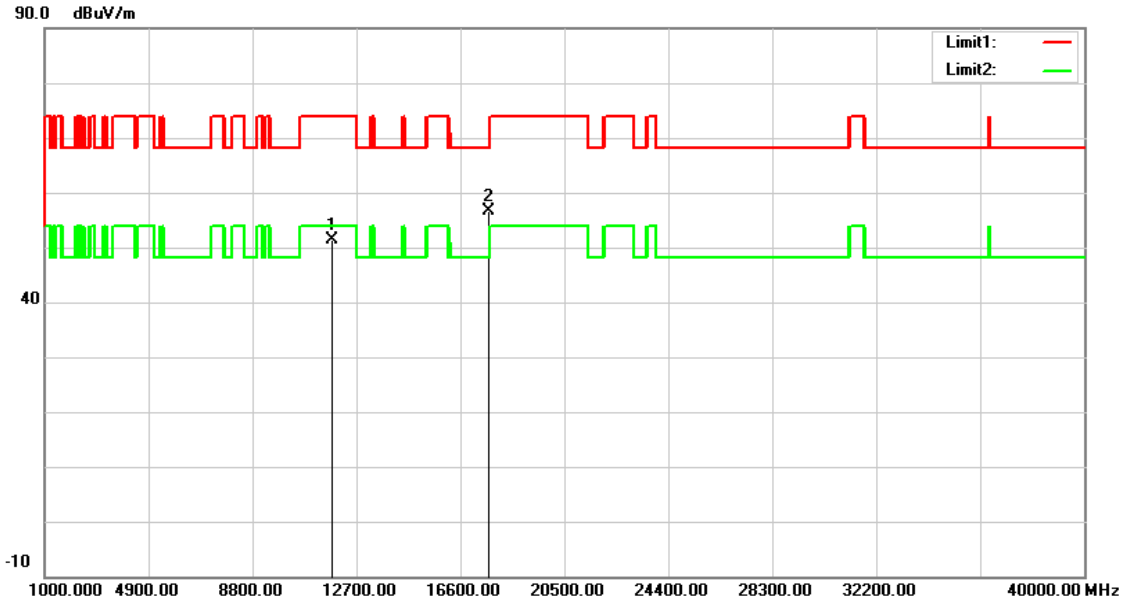
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11730.000	34.21	14.91	49.12	74.00	-24.88	peak
2	17595.000	31.28	24.22	55.50	68.20	-12.70	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5885 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



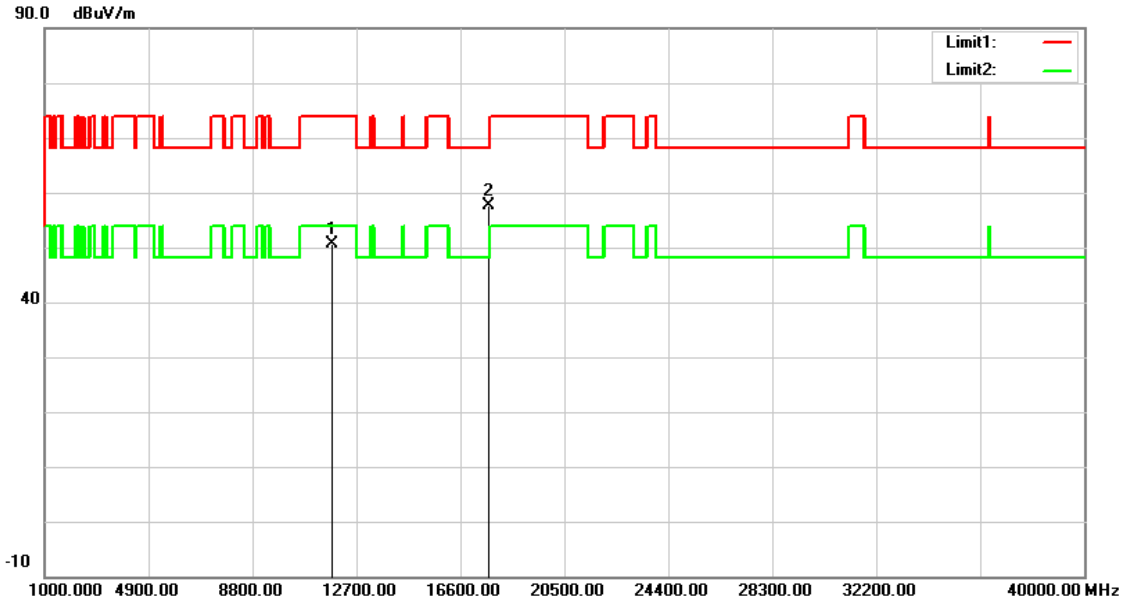
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11770.000	36.47	14.81	51.28	74.00	-22.72	peak
2	17655.000	31.86	24.84	56.70	68.20	-11.50	peak

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

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

3.When the peak 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:	5885 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



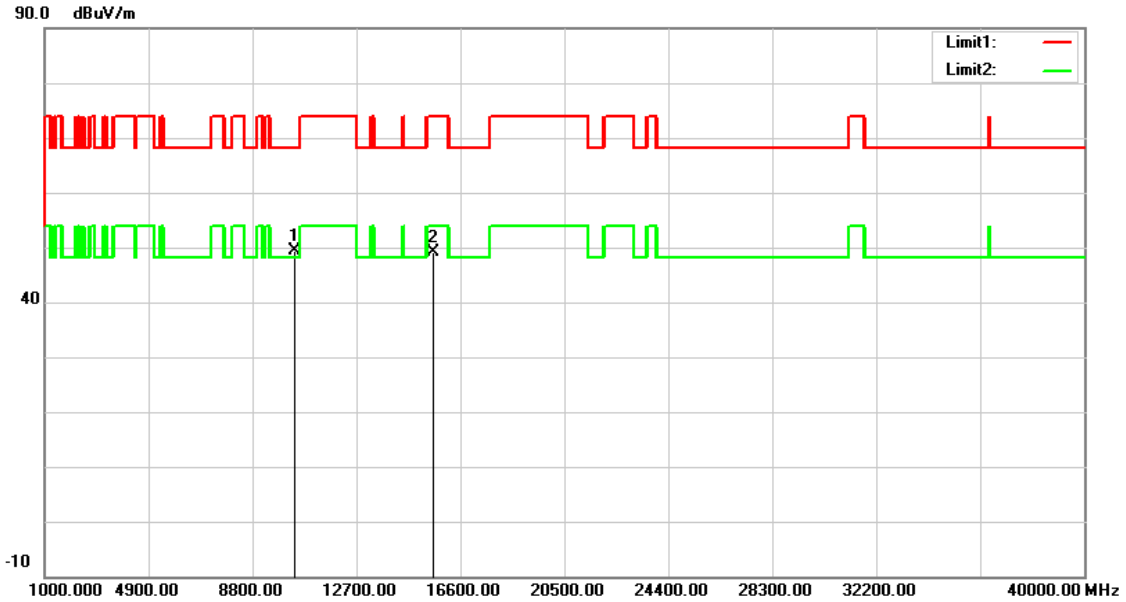
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11770.000	35.93	14.81	50.74	74.00	-23.26	peak
2	17655.000	32.67	24.84	57.51	68.20	-10.69	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5190 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



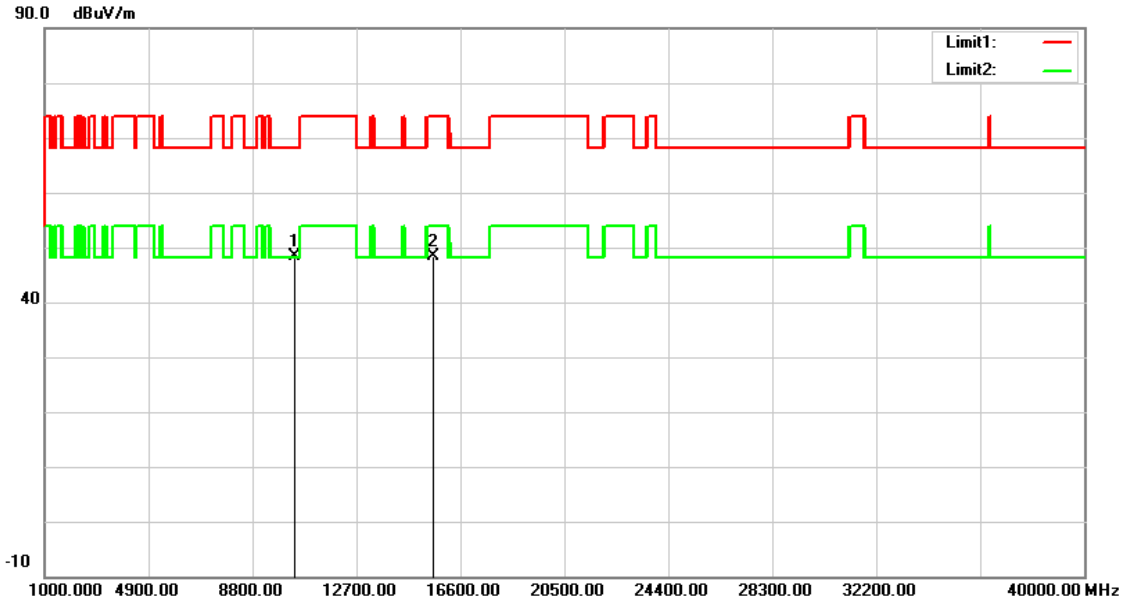
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	34.94	14.35	49.29	68.20	-18.91	peak
2	15570.000	32.45	16.75	49.20	74.00	-24.80	peak

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:	5190 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



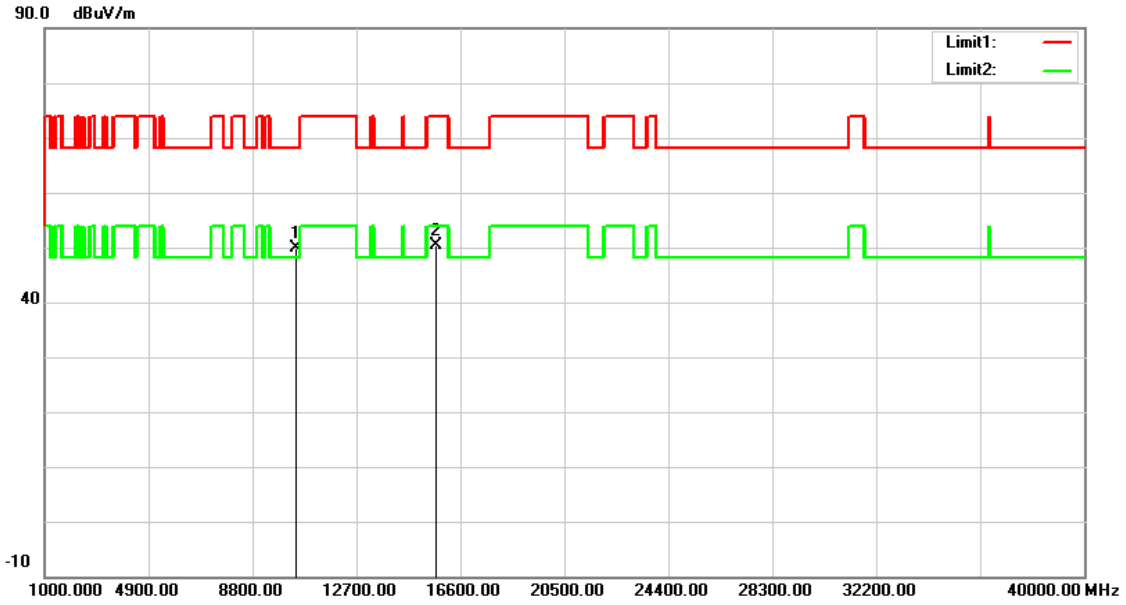
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	33.95	14.35	48.30	68.20	-19.90	peak
2	15570.000	31.73	16.75	48.48	74.00	-25.52	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5230 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



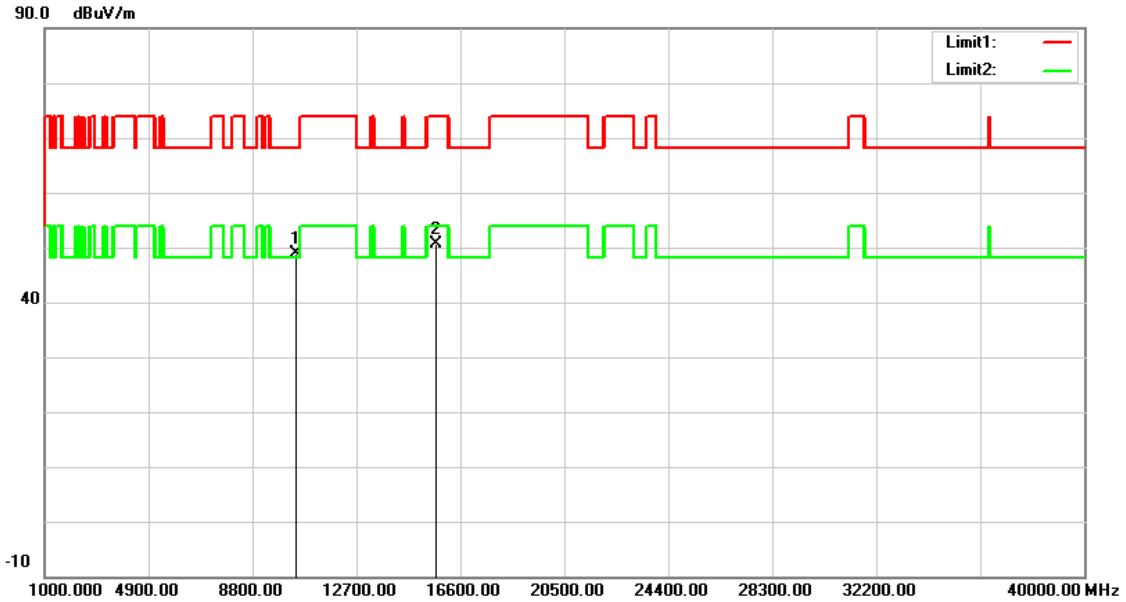
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	35.34	14.51	49.85	68.20	-18.35	peak
2	15690.000	33.92	16.35	50.27	74.00	-23.73	peak

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:	Harmonic		
Frequency:	5230 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



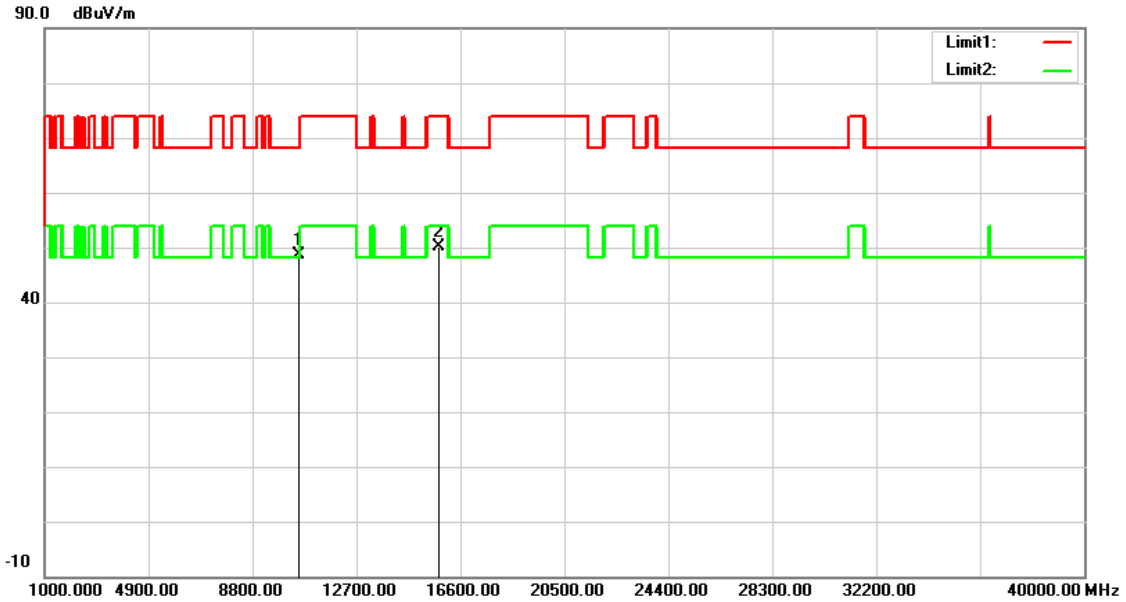
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	34.43	14.51	48.94	68.20	-19.26	peak
2	15690.000	34.40	16.35	50.75	74.00	-23.25	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5270 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



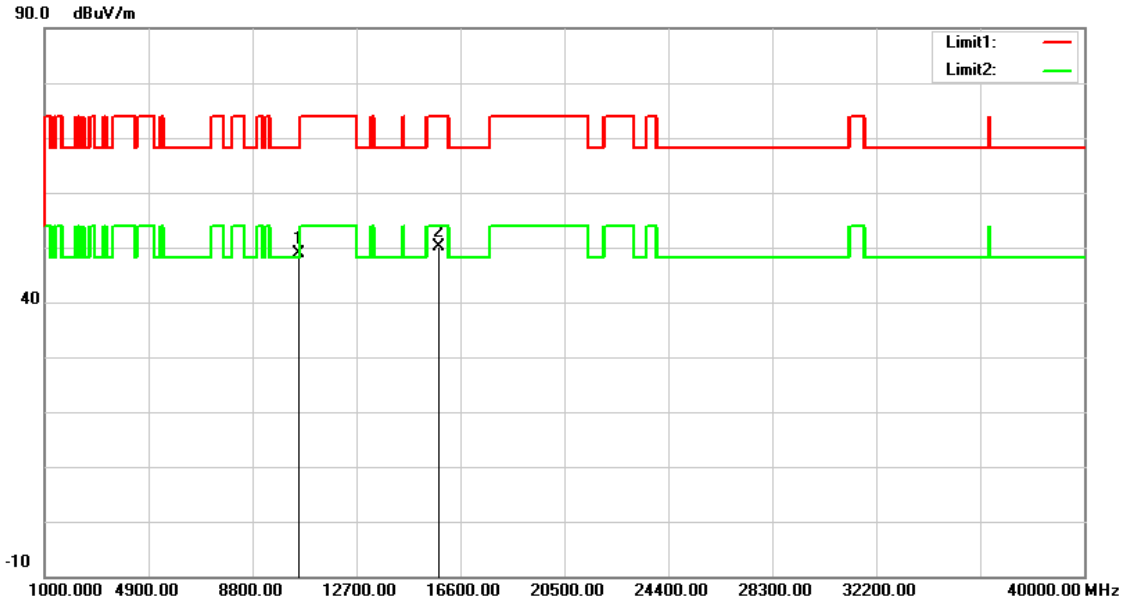
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	34.15	14.58	48.73	68.20	-19.47	peak
2	15810.000	34.25	15.95	50.20	74.00	-23.80	peak

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:	5270 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



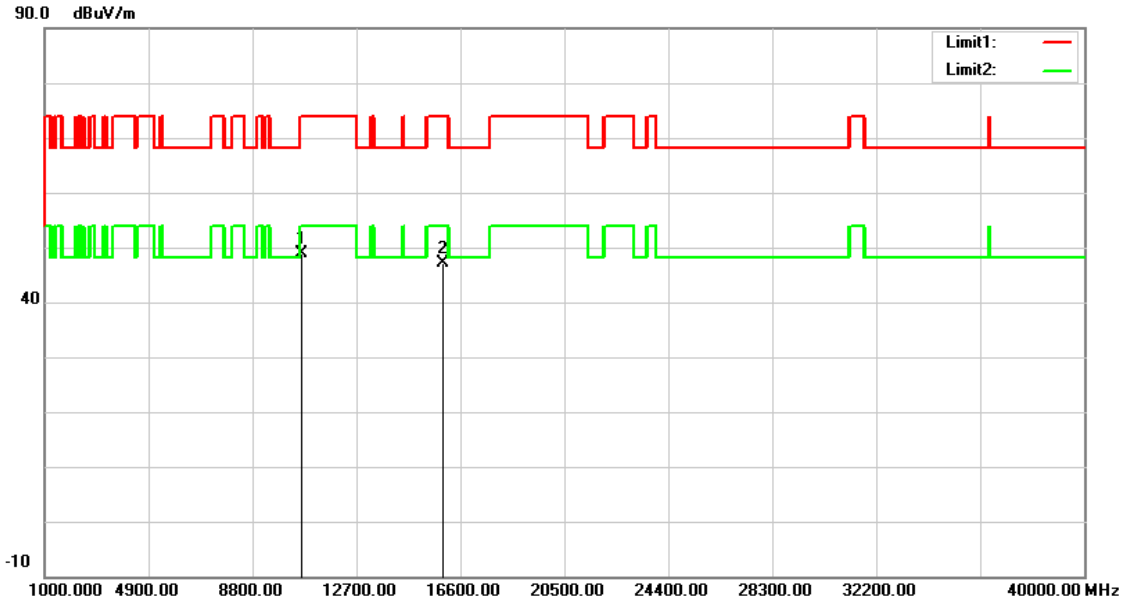
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	34.38	14.58	48.96	68.20	-19.24	peak
2	15810.000	34.15	15.95	50.10	74.00	-23.90	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5310 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



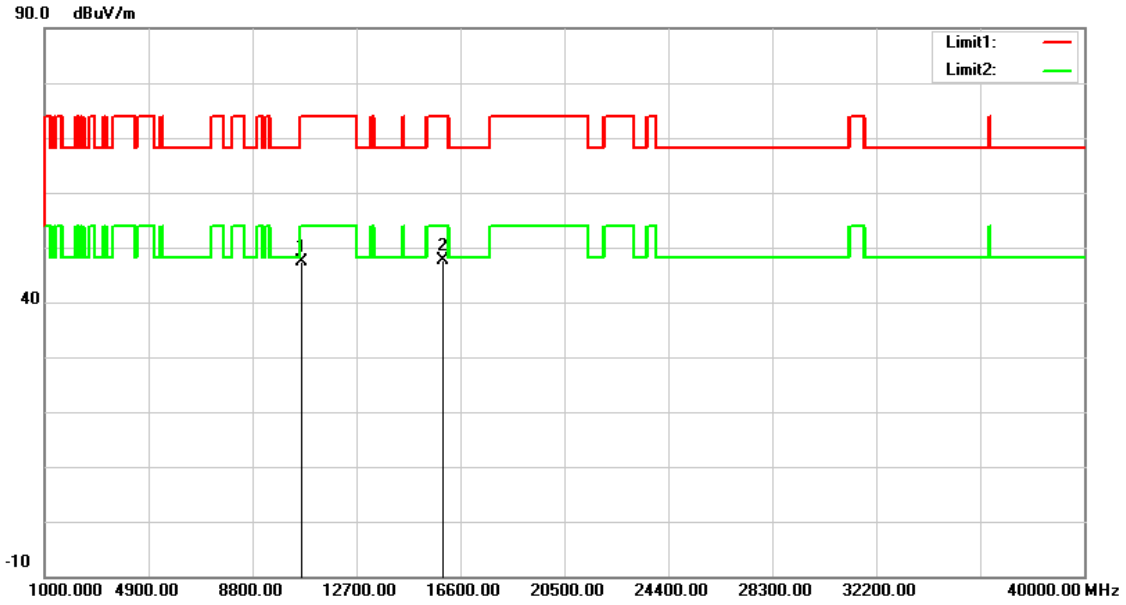
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	34.22	14.56	48.78	74.00	-25.22	peak
2	15930.000	31.68	15.55	47.23	74.00	-26.77	peak

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:	5310 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



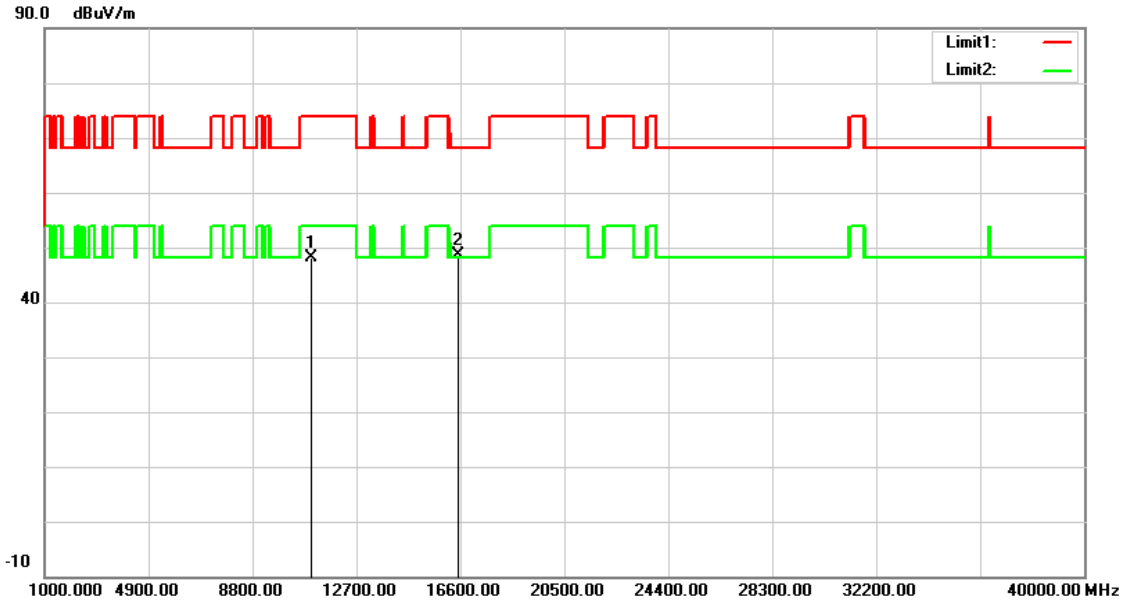
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	32.90	14.56	47.46	74.00	-26.54	peak
2	15930.000	32.03	15.55	47.58	74.00	-26.42	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5510 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



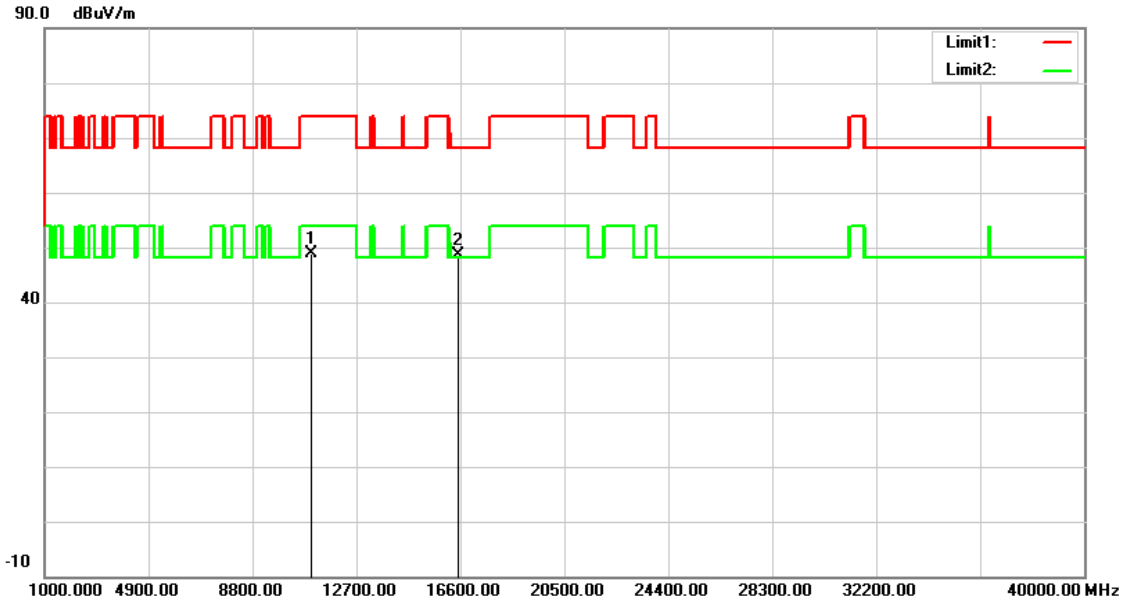
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	33.68	14.51	48.19	74.00	-25.81	peak
2	16530.000	31.88	16.85	48.73	68.20	-19.47	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5510 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



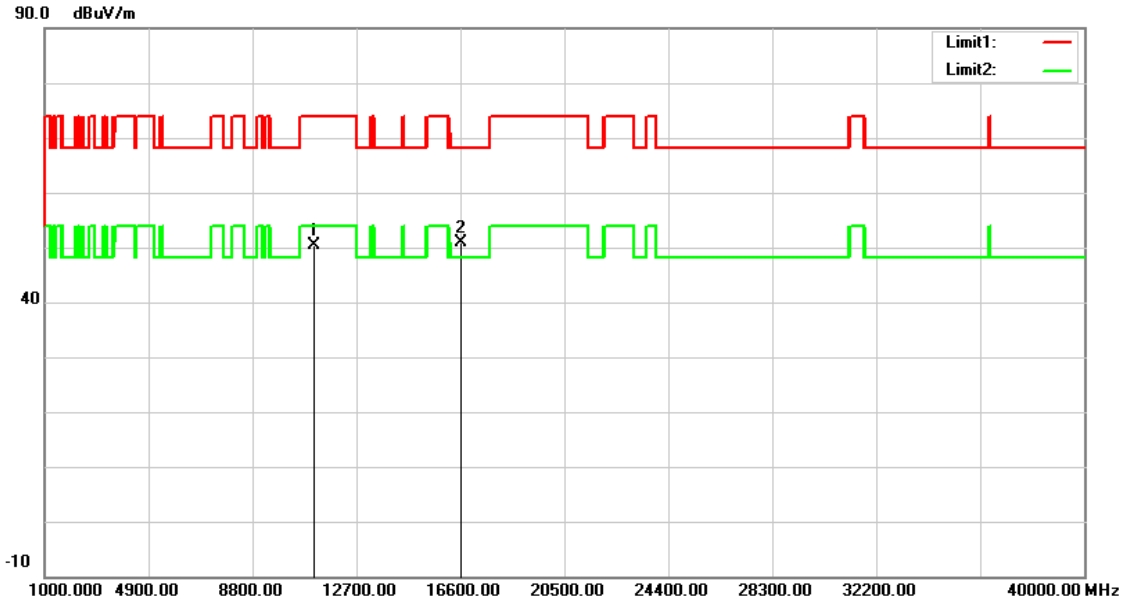
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	34.47	14.51	48.98	74.00	-25.02	peak
2	16530.000	31.80	16.85	48.65	68.20	-19.55	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5550 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



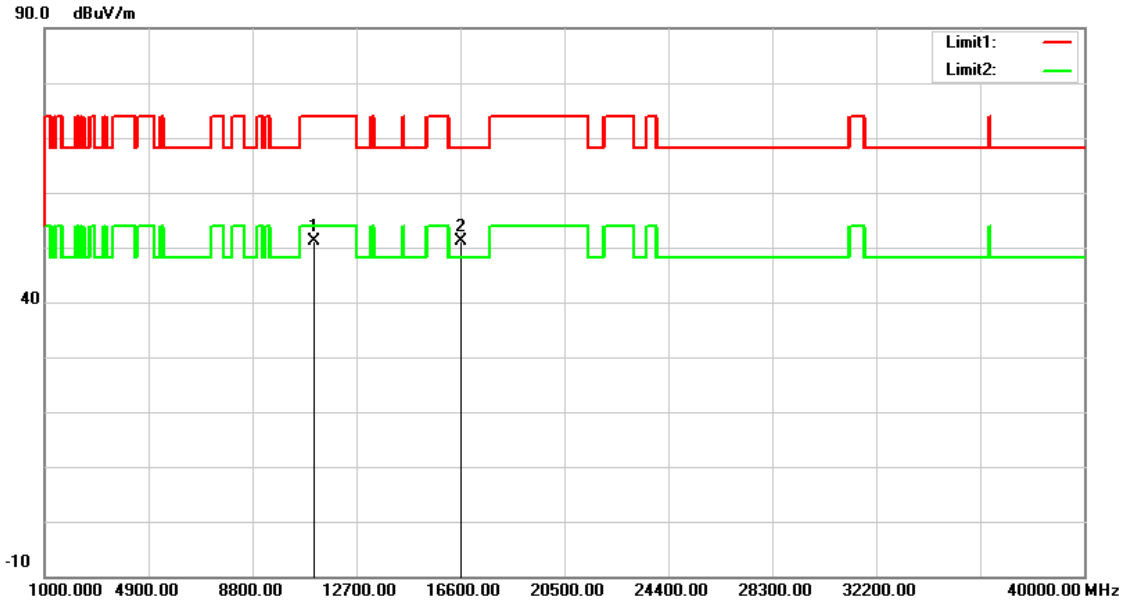
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	35.60	14.66	50.26	74.00	-23.74	peak
2	16650.000	33.26	17.73	50.99	68.20	-17.21	peak

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:	5550 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



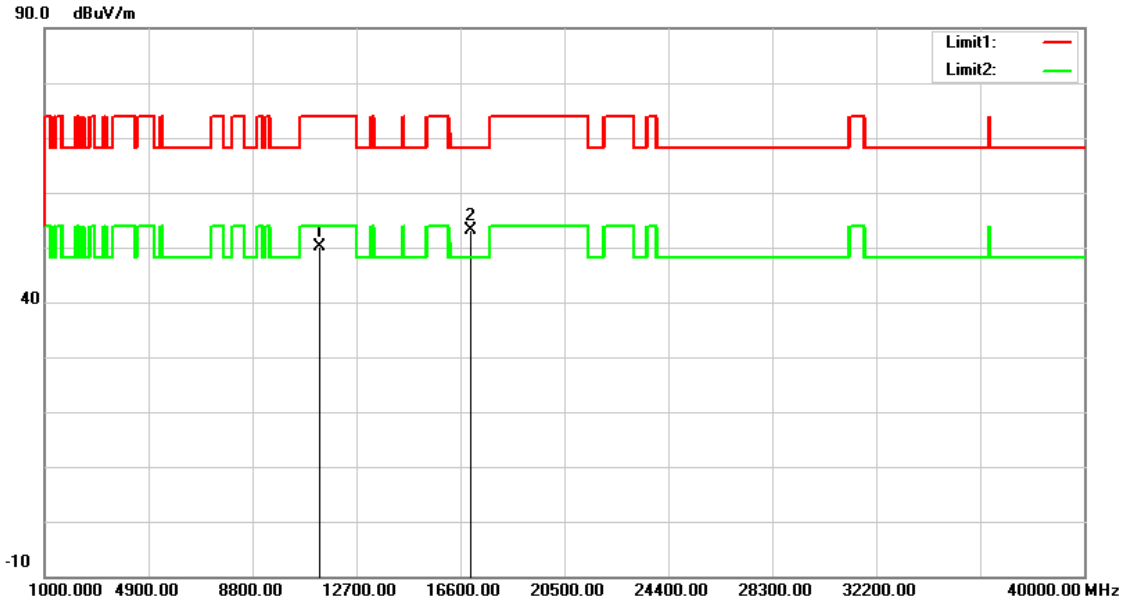
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11100.000	36.39	14.66	51.05	74.00	-22.95	peak
2	16650.000	33.50	17.73	51.23	68.20	-16.97	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5670 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



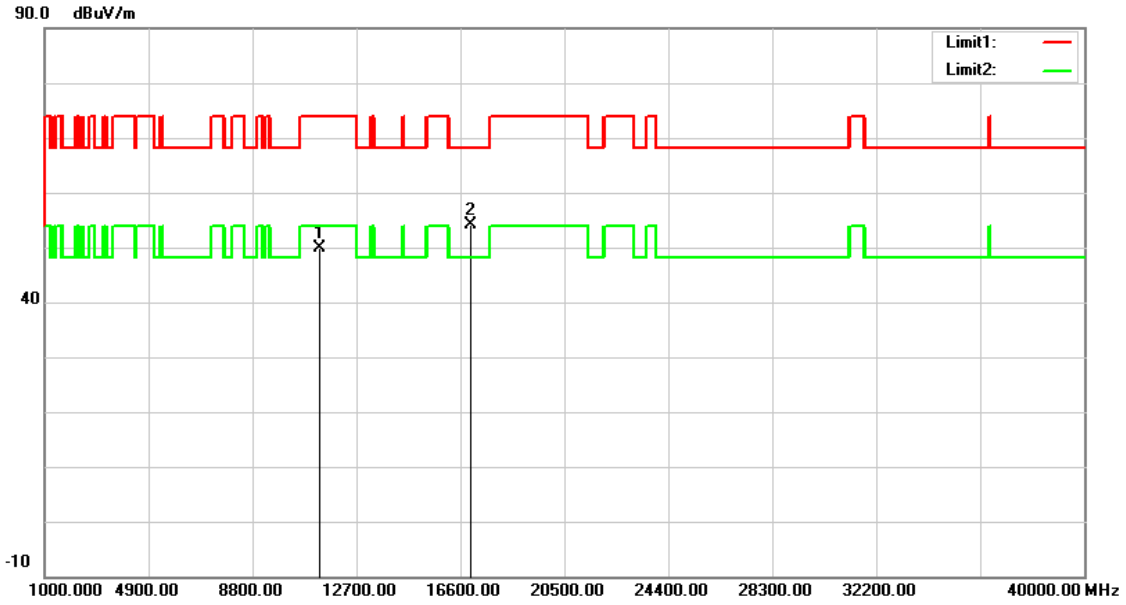
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	34.97	15.11	50.08	74.00	-23.92	peak
2	17010.000	32.84	20.36	53.20	68.20	-15.00	peak

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:	5670 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



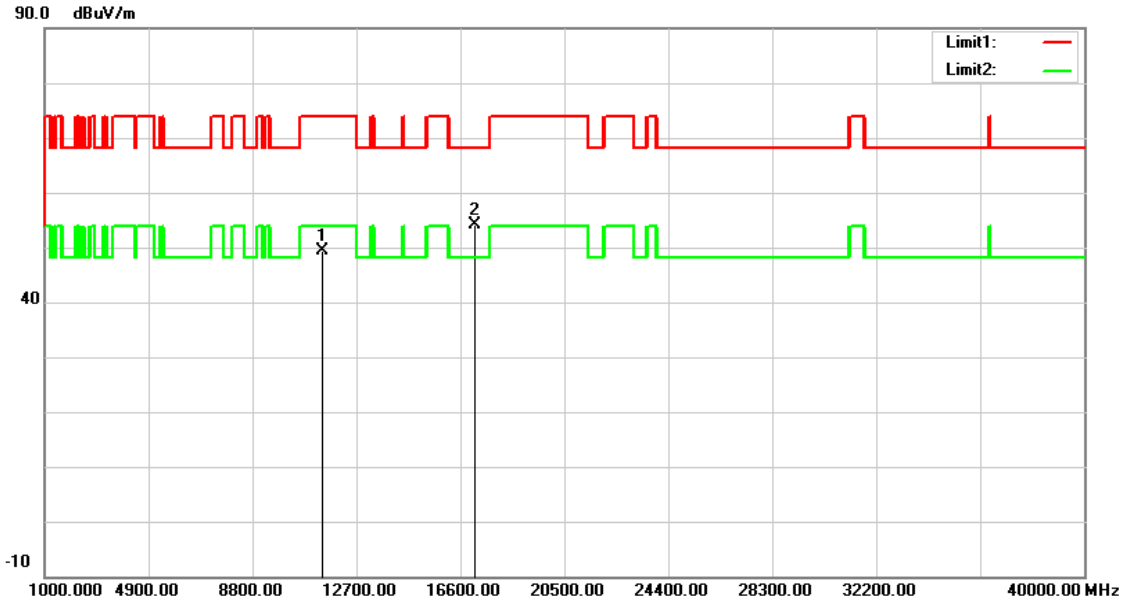
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	34.78	15.11	49.89	74.00	-24.11	peak
2	17010.000	33.81	20.36	54.17	68.20	-14.03	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5710 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



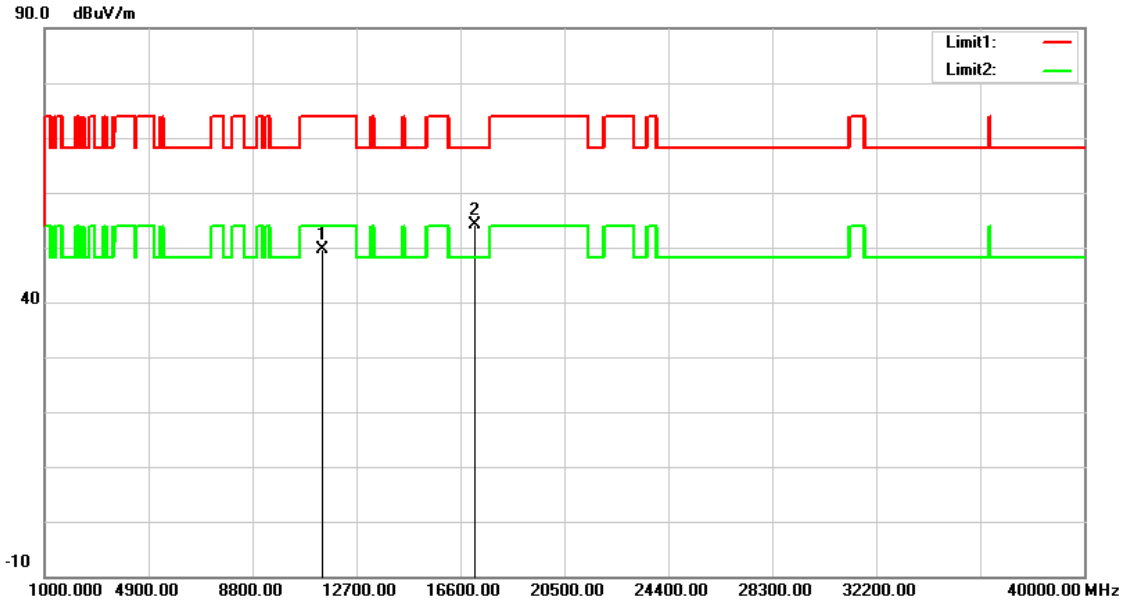
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11420.000	34.09	15.26	49.35	74.00	-24.65	peak
2	17130.000	33.00	21.08	54.08	68.20	-14.12	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5710 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



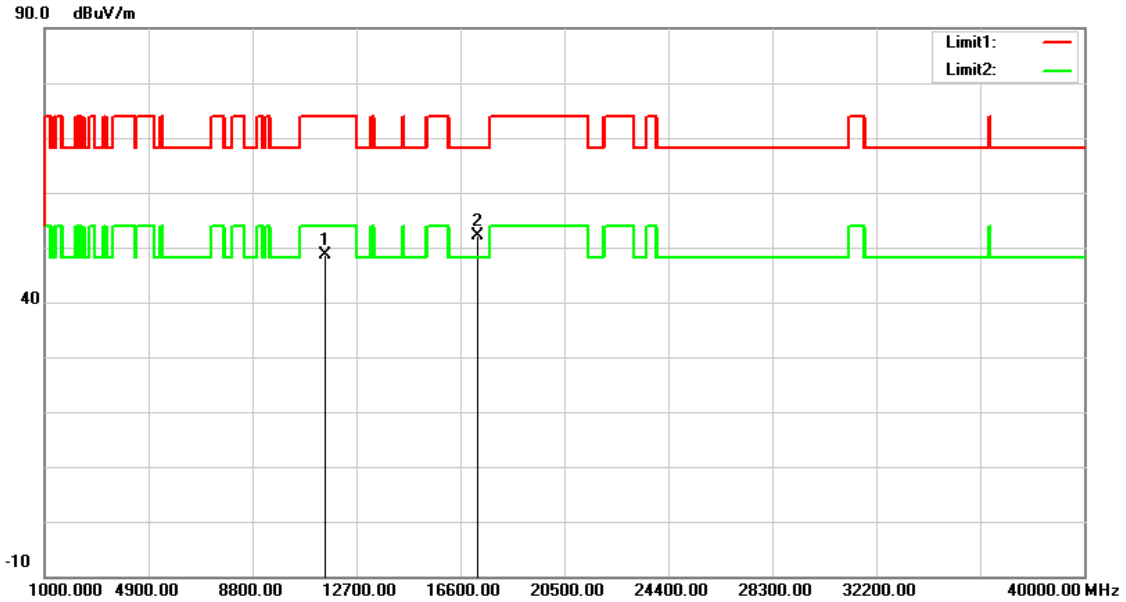
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11420.000	34.35	15.26	49.61	74.00	-24.39	peak
2	17130.000	33.15	21.08	54.23	68.20	-13.97	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



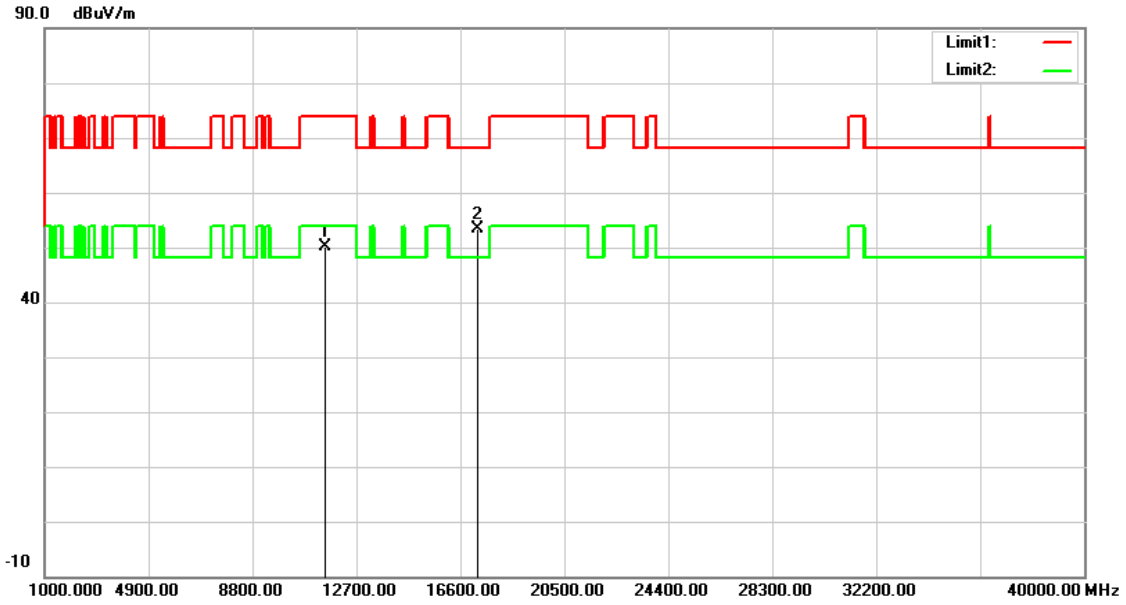
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	33.25	15.38	48.63	74.00	-25.37	peak
2	17265.000	30.21	21.88	52.09	68.20	-16.11	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5755 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



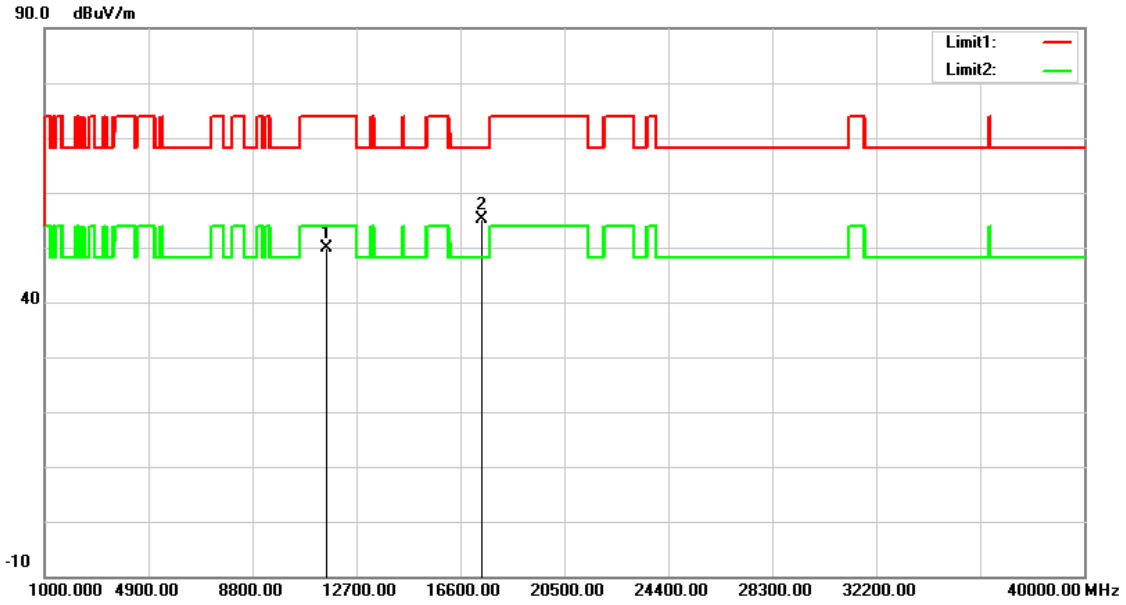
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	34.82	15.38	50.20	74.00	-23.80	peak
2	17265.000	31.39	21.88	53.27	68.20	-14.93	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5795 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



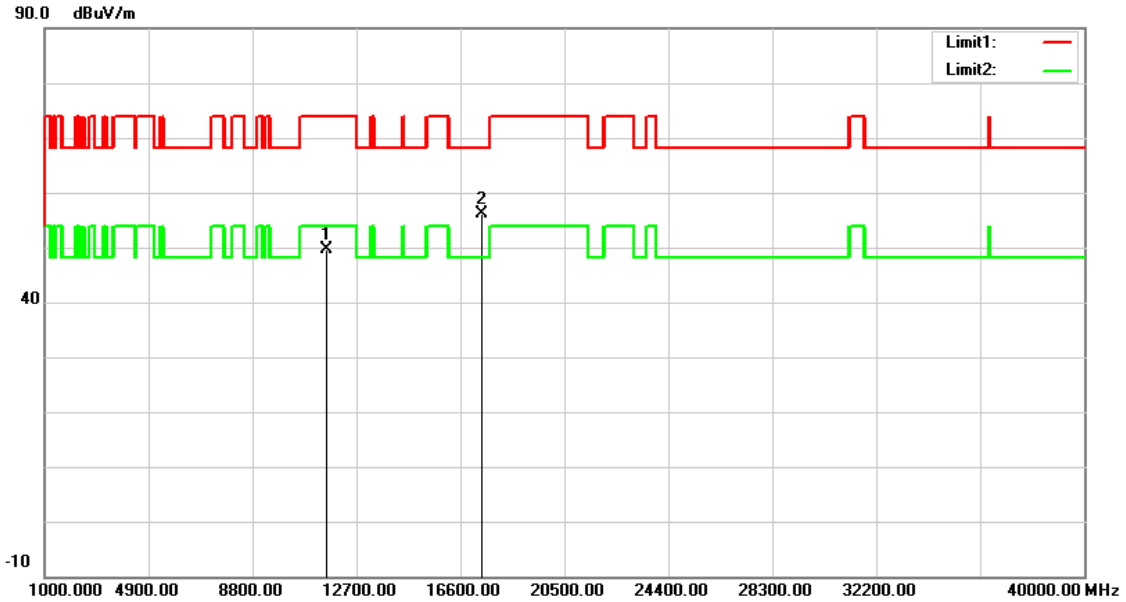
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	34.56	15.20	49.76	74.00	-24.24	peak
2	17385.000	32.45	22.60	55.05	68.20	-13.15	peak

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:	5795 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



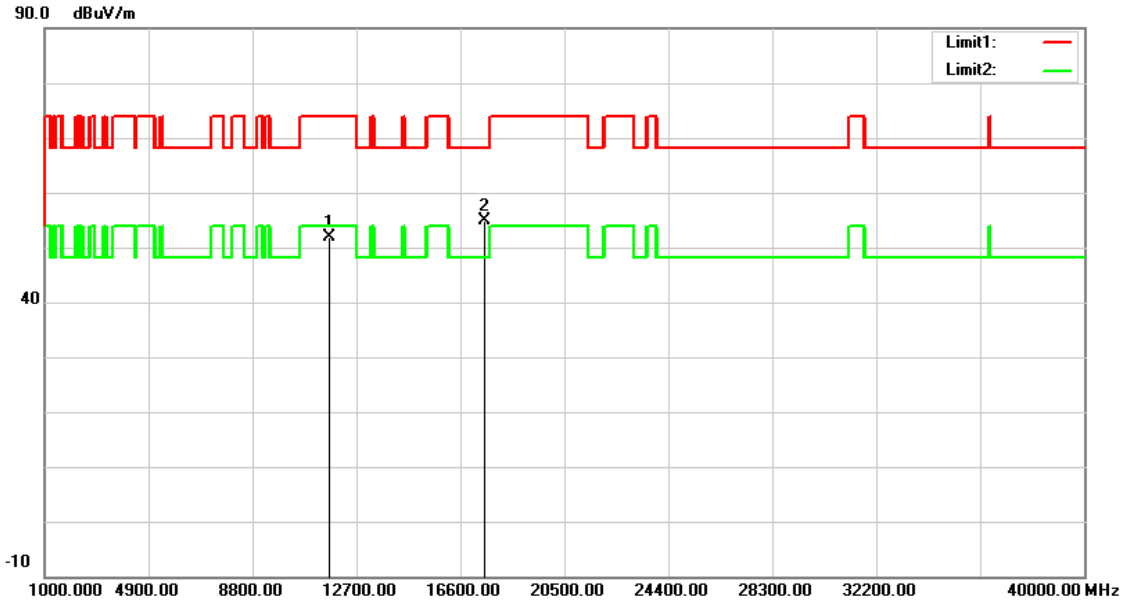
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	34.50	15.20	49.70	74.00	-24.30	peak
2	17385.000	33.48	22.60	56.08	68.20	-12.12	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5835 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



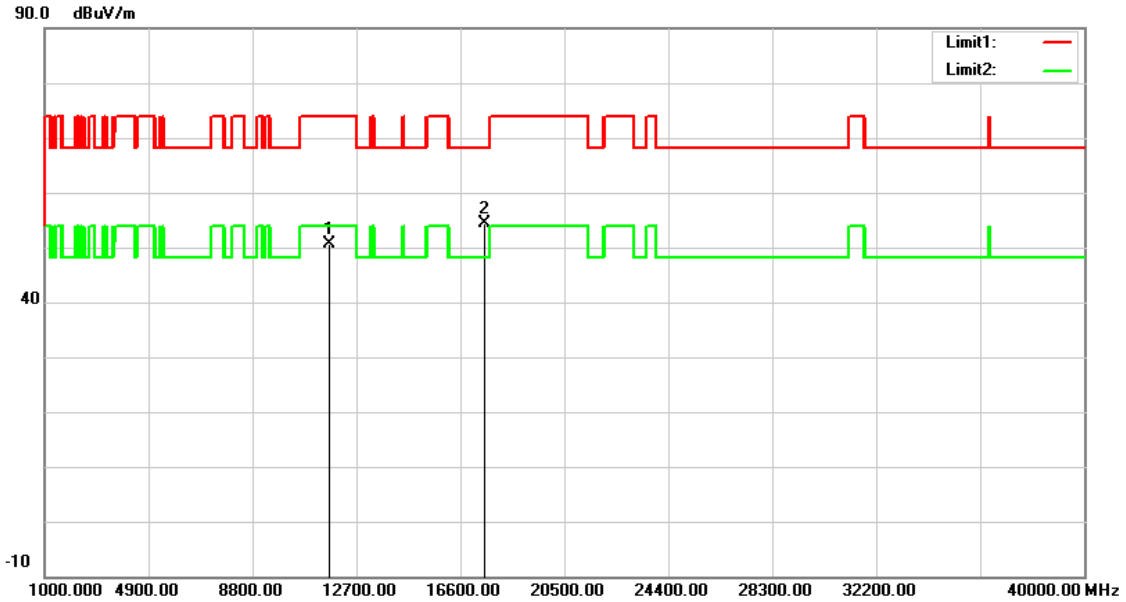
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11670.000	36.90	15.03	51.93	74.00	-22.07	peak
2	17505.000	31.62	23.33	54.95	68.20	-13.25	peak

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:	5835 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



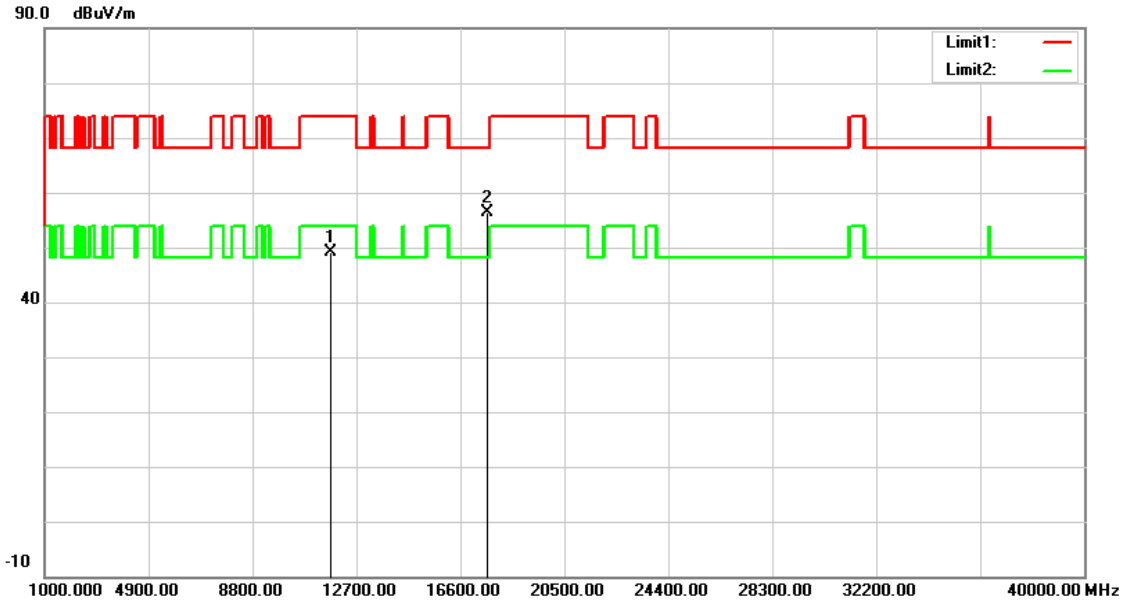
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11670.000	35.50	15.03	50.53	74.00	-23.47	peak
2	17505.000	30.97	23.33	54.30	68.20	-13.90	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5875 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



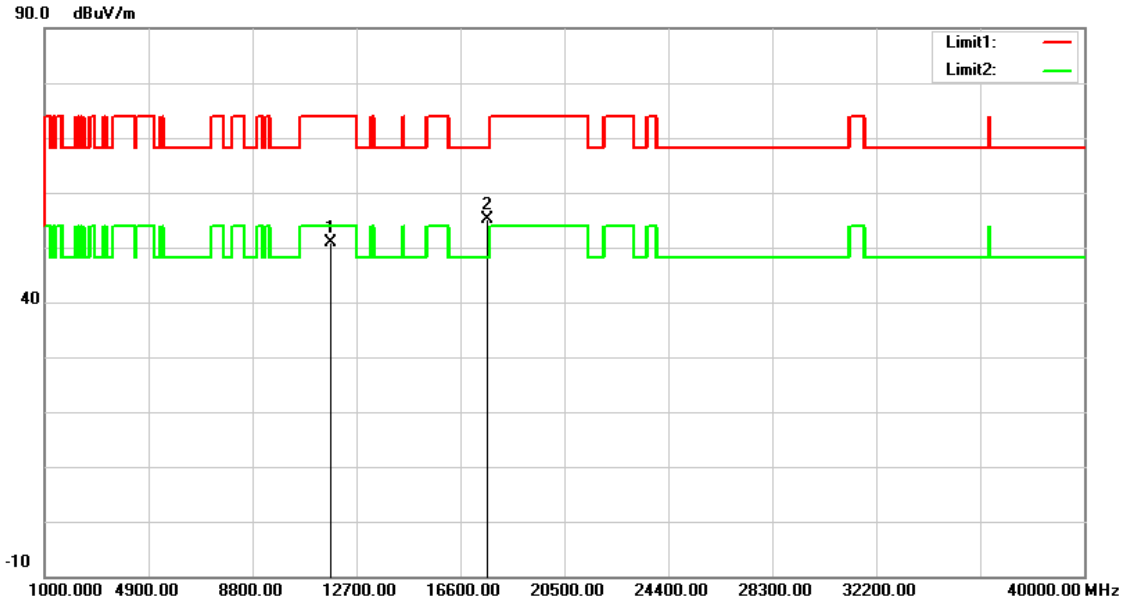
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11750.000	34.33	14.86	49.19	74.00	-24.81	peak
2	17625.000	31.91	24.53	56.44	68.20	-11.76	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5875 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



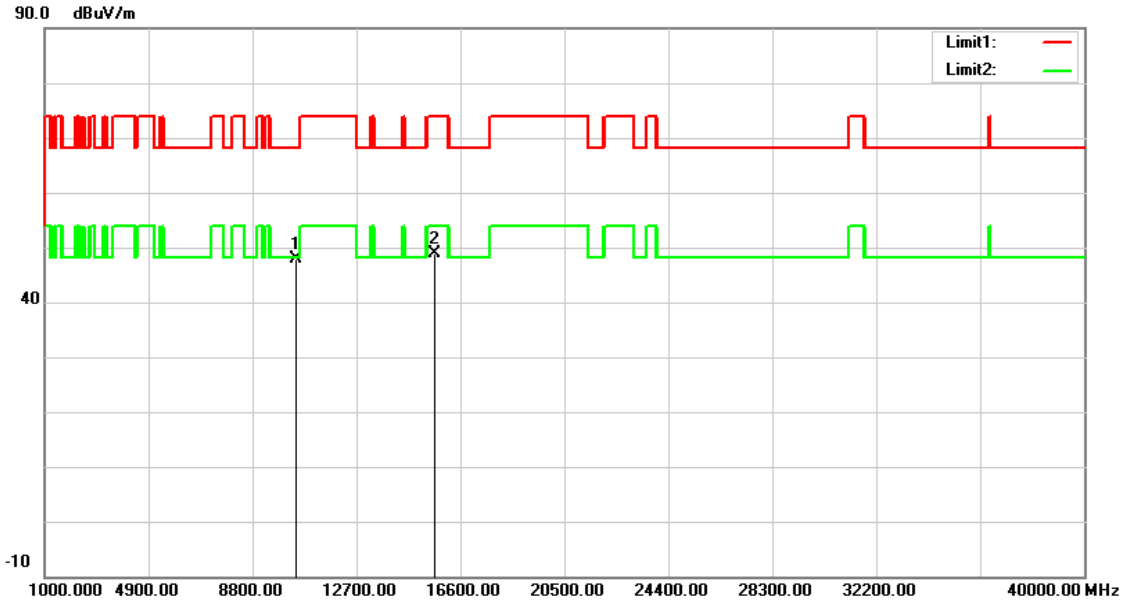
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11750.000	35.95	14.86	50.81	74.00	-23.19	peak
2	17625.000	30.70	24.53	55.23	68.20	-12.97	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5210 MHz		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



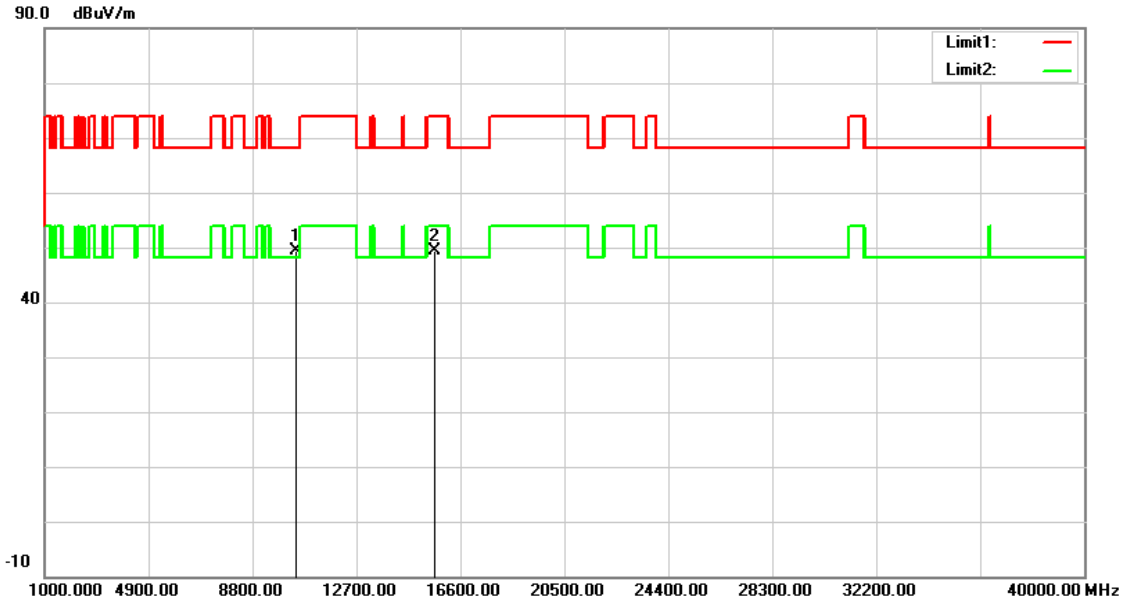
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	33.58	14.42	48.00	68.20	-20.20	peak
2	15630.000	32.43	16.56	48.99	74.00	-25.01	peak

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:	Harmonic		
Frequency:	5210 MHz		
Mode:	Mode 11		
Ant.Polar.:	Vertical		



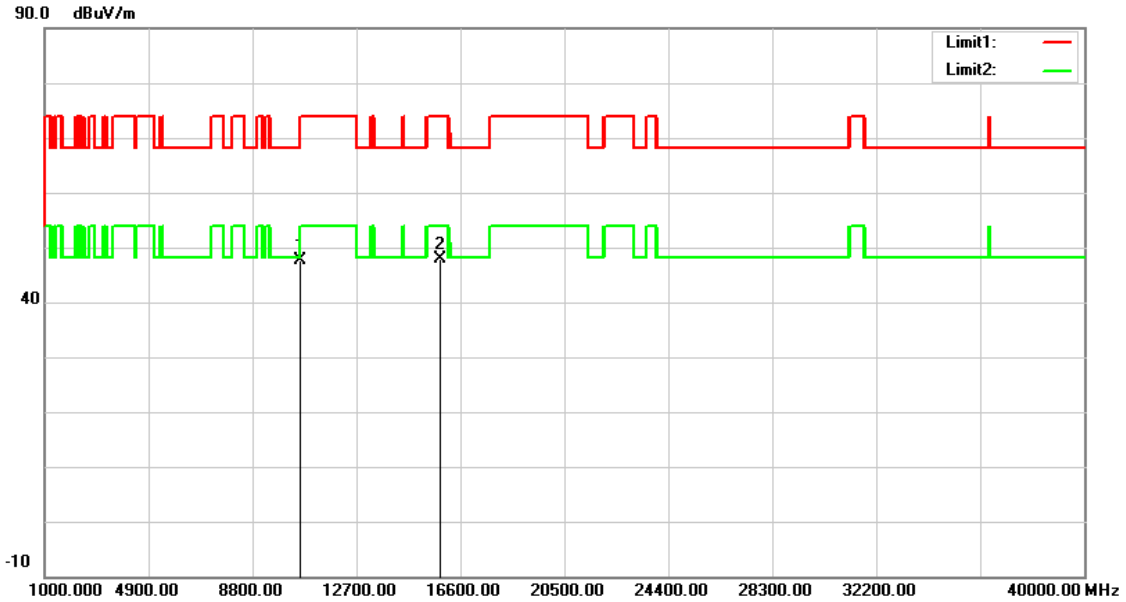
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	35.04	14.42	49.46	68.20	-18.74	peak
2	15630.000	32.75	16.56	49.31	74.00	-24.69	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5290 MHz		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



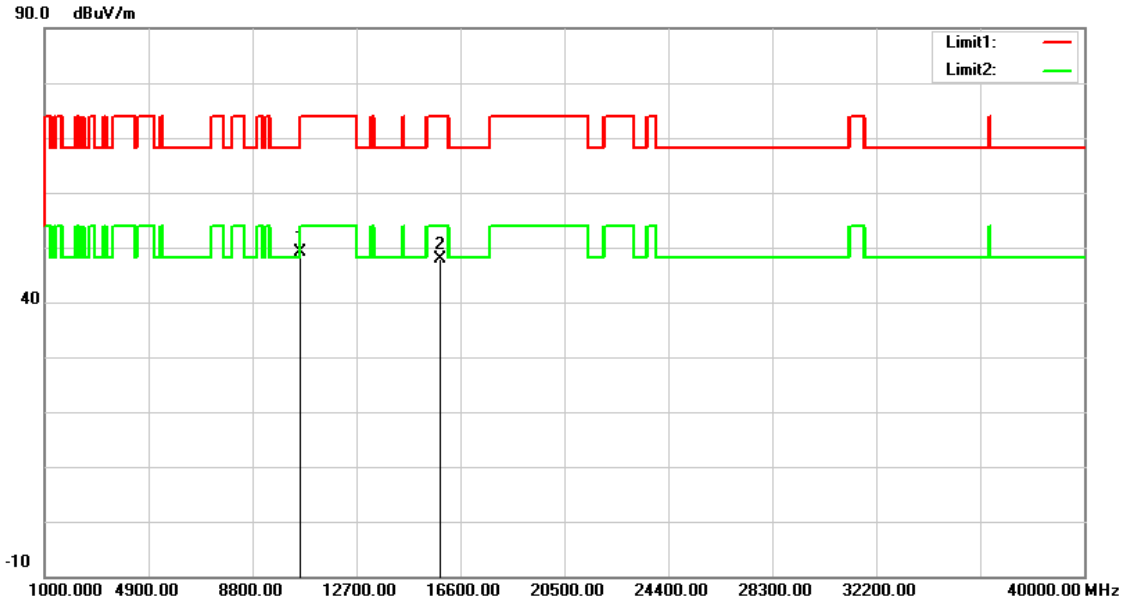
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	33.12	14.57	47.69	68.20	-20.51	peak
2	15870.000	32.06	15.74	47.80	74.00	-26.20	peak

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:	5290 MHz		
Mode:	Mode 11		
Ant.Polar.:	Vertical		



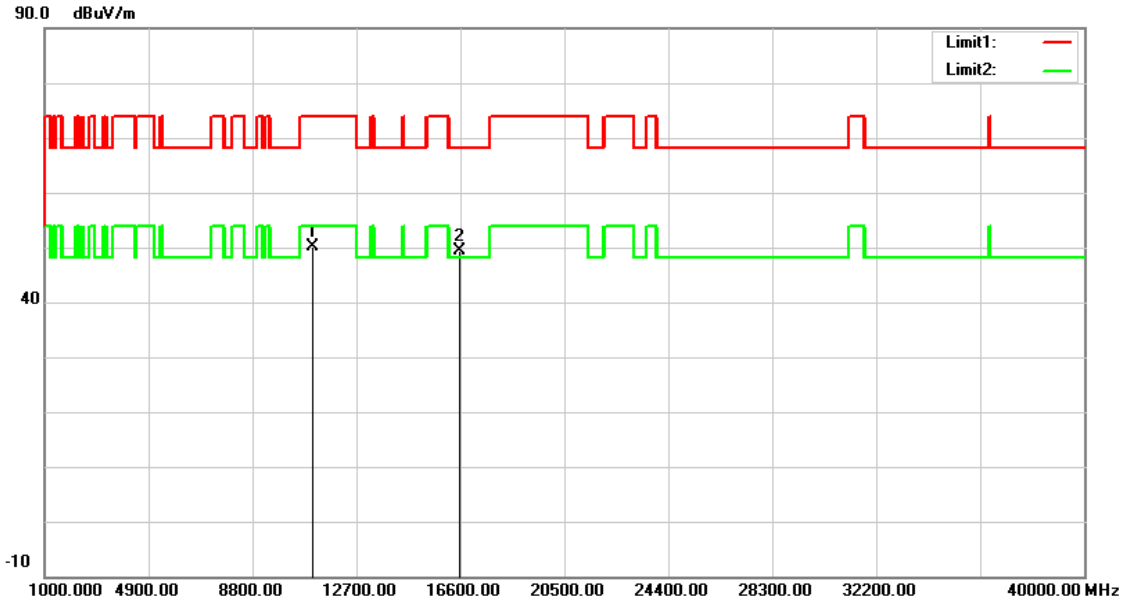
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	34.49	14.57	49.06	68.20	-19.14	peak
2	15870.000	32.21	15.74	47.95	74.00	-26.05	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5530 MHz		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



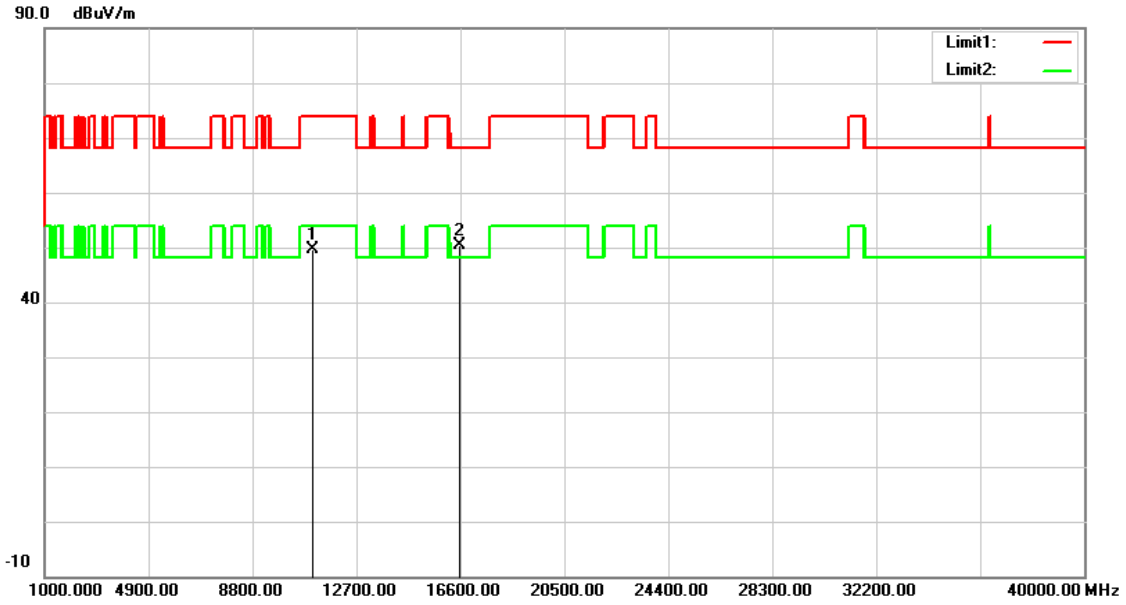
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	35.55	14.58	50.13	74.00	-23.87	peak
2	16590.000	32.18	17.29	49.47	68.20	-18.73	peak

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:	Harmonic		
Frequency:	5530 MHz		
Mode:	Mode 11		
Ant.Polar.:	Vertical		



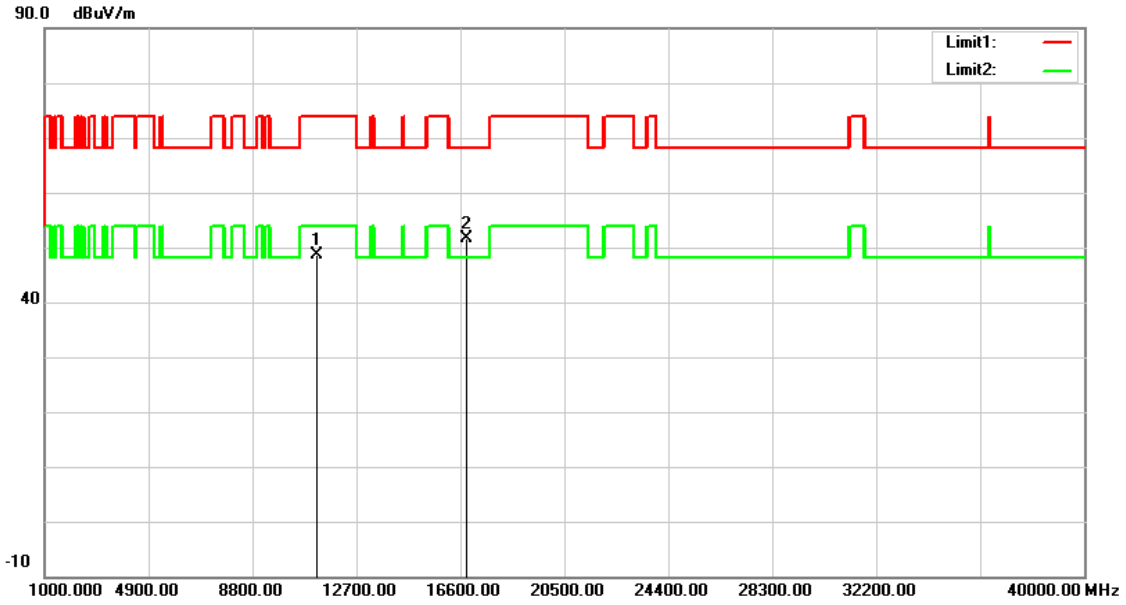
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	34.94	14.58	49.52	74.00	-24.48	peak
2	16590.000	33.04	17.29	50.33	68.20	-17.87	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5610 MHz		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



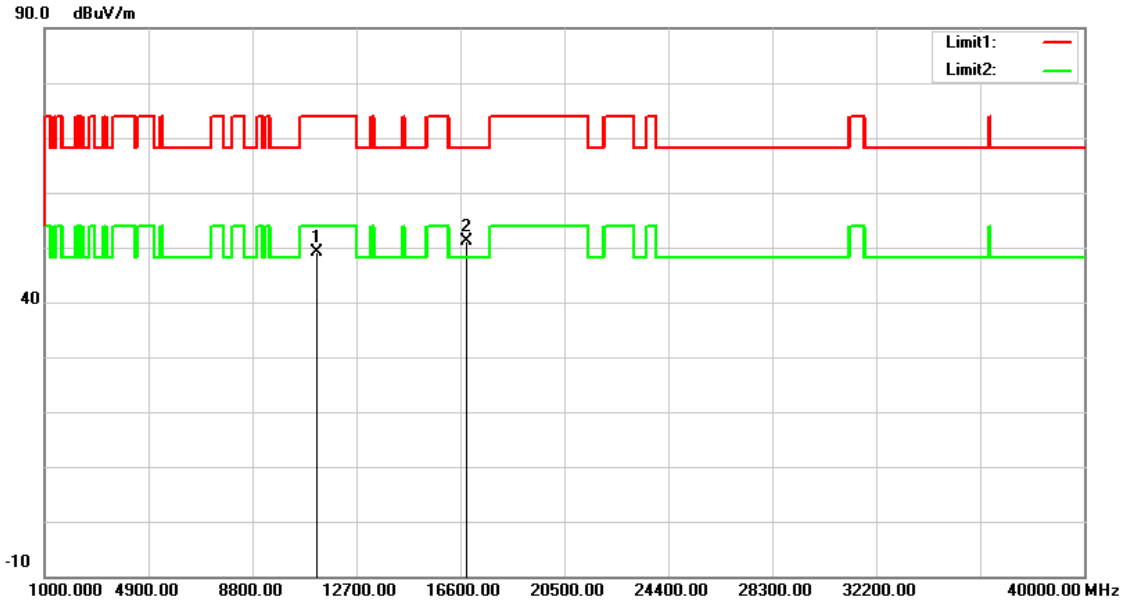
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11220.000	33.76	14.89	48.65	74.00	-25.35	peak
2	16830.000	32.52	19.06	51.58	68.20	-16.62	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5610 MHz		
Mode:	Mode 11		
Ant.Polar.:	Vertical		



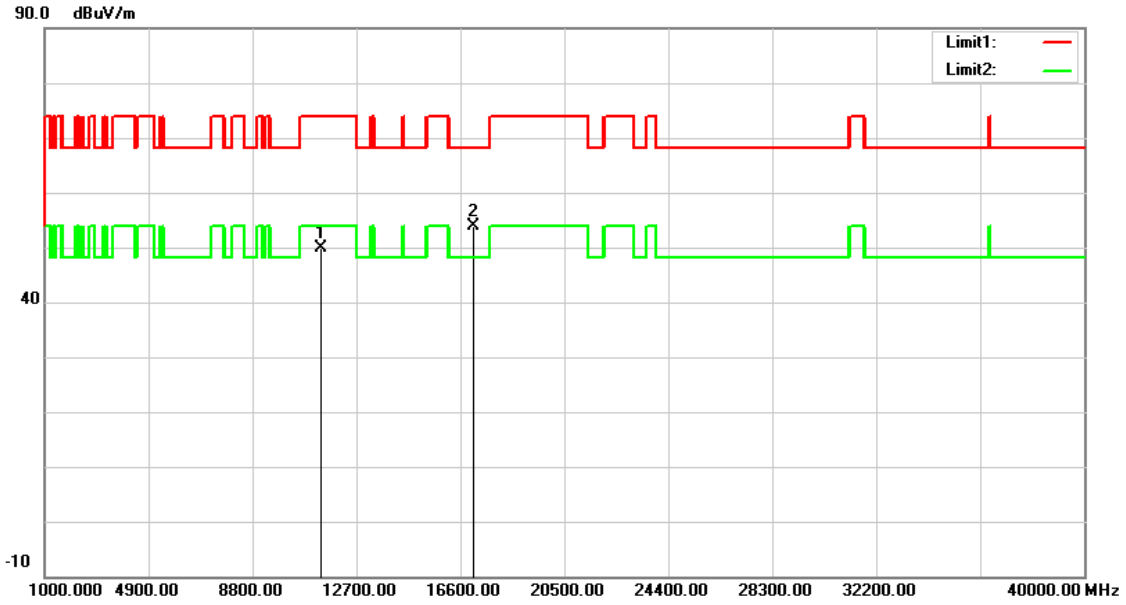
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11220.000	34.27	14.89	49.16	74.00	-24.84	peak
2	16830.000	32.15	19.06	51.21	68.20	-16.99	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5690 MHz		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



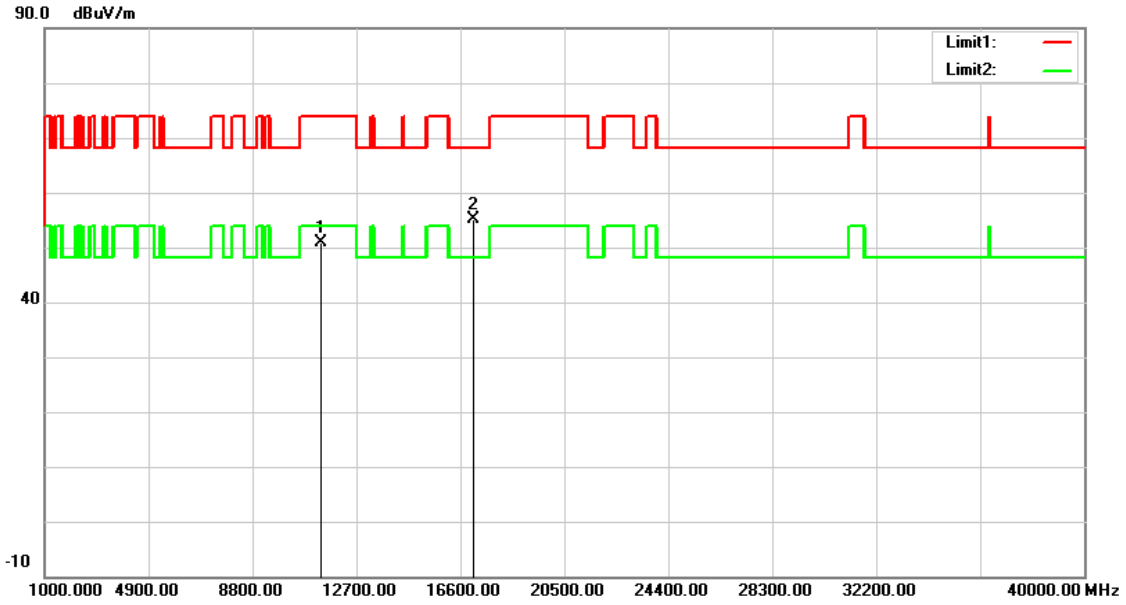
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11380.000	34.76	15.18	49.94	74.00	-24.06	peak
2	17070.000	33.18	20.72	53.90	68.20	-14.30	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5690 MHz		
Mode:	Mode 11		
Ant.Polar.:	Vertical		



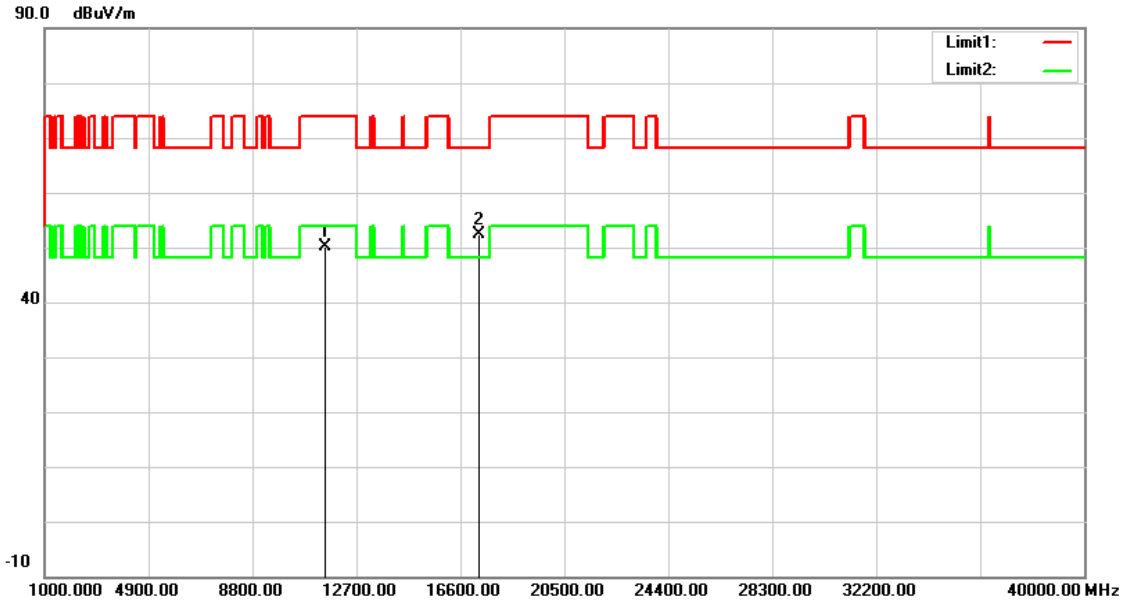
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11380.000	35.60	15.18	50.78	74.00	-23.22	peak
2	17070.000	34.33	20.72	55.05	68.20	-13.15	peak

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:	5775 MHz		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



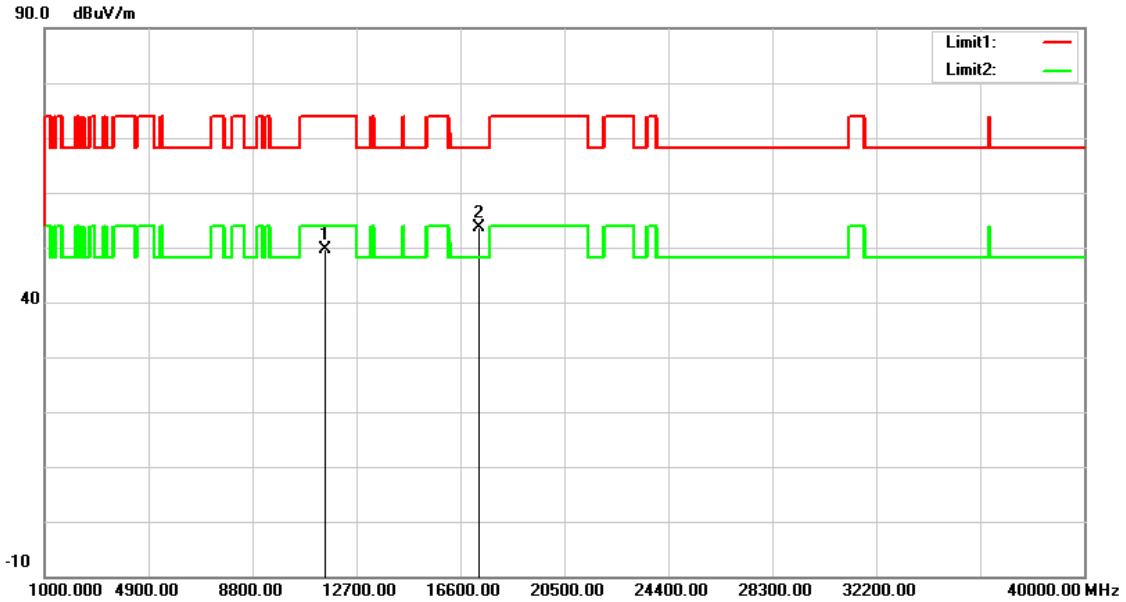
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	34.93	15.29	50.22	74.00	-23.78	peak
2	17325.000	30.13	22.24	52.37	68.20	-15.83	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5775 MHz		
Mode:	Mode 11		
Ant.Polar.:	Vertical		



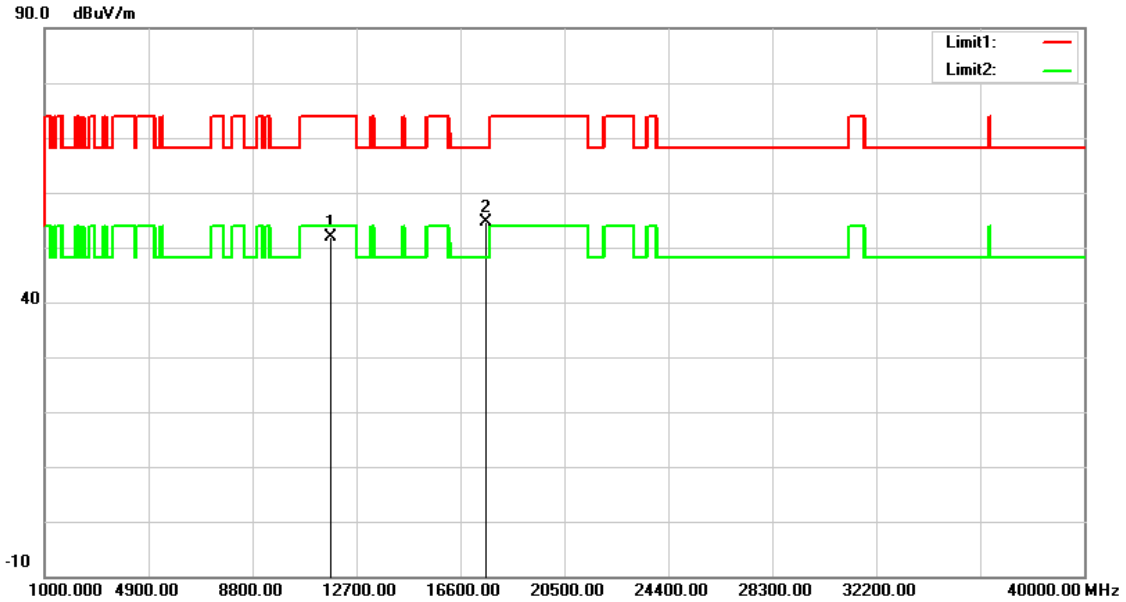
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	34.33	15.29	49.62	74.00	-24.38	peak
2	17325.000	31.47	22.24	53.71	68.20	-14.49	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5855 MHz		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



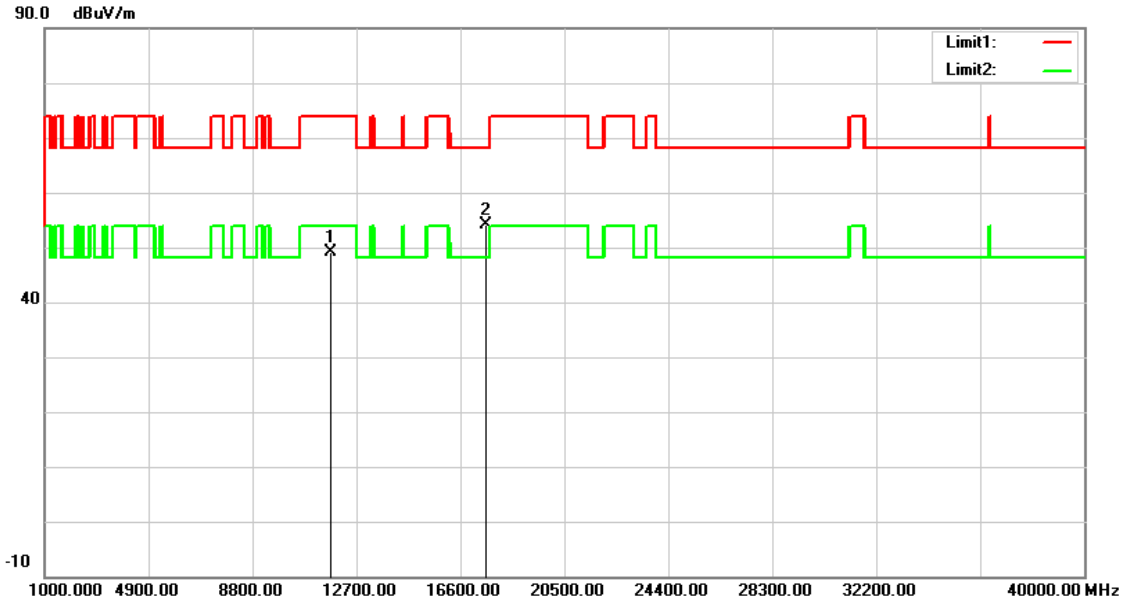
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11710.000	36.89	14.95	51.84	74.00	-22.16	peak
2	17565.000	30.62	23.93	54.55	68.20	-13.65	peak

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:	Harmonic		
Frequency:	5855 MHz		
Mode:	Mode 11		
Ant.Polar.:	Vertical		



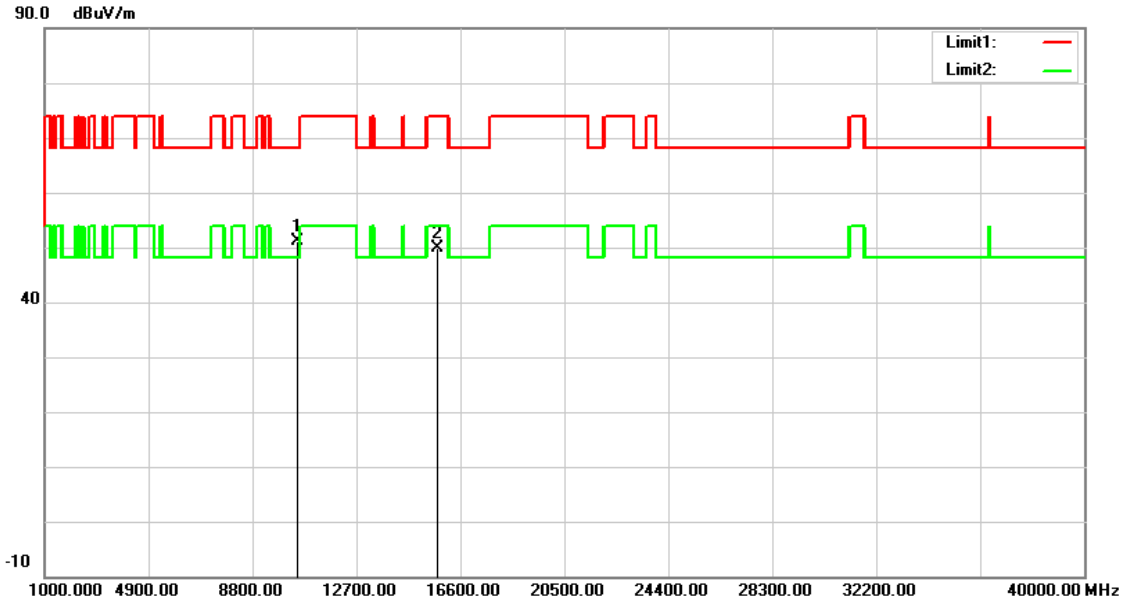
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11710.000	34.28	14.95	49.23	74.00	-24.77	peak
2	17565.000	30.18	23.93	54.11	68.20	-14.09	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5250 MHz		
Mode:	Mode 12		
Ant.Polar.:	Horizontal		



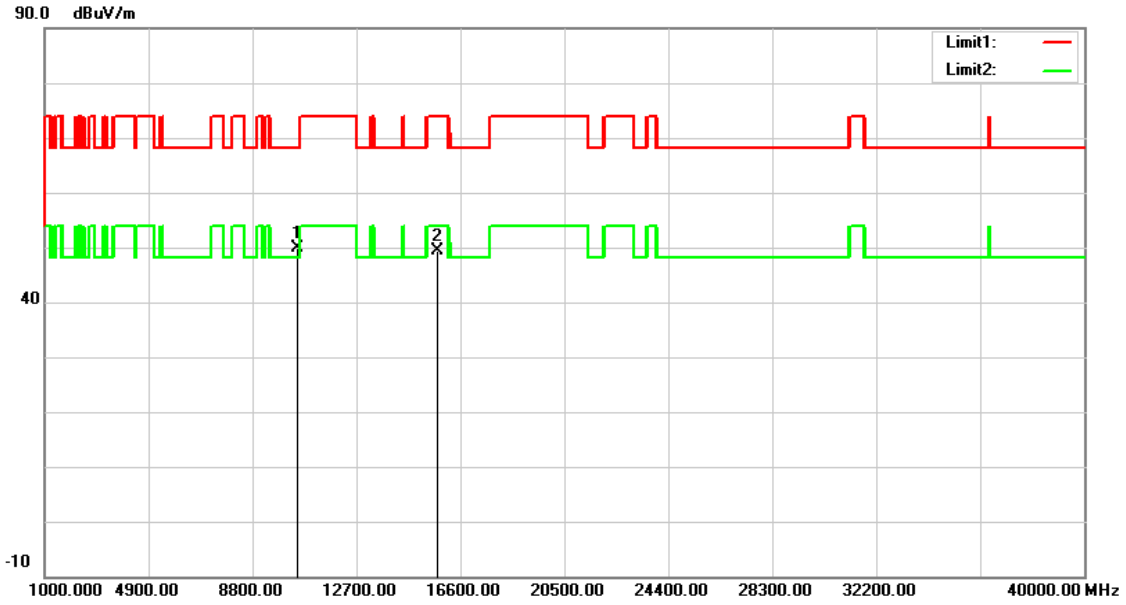
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10500.000	36.44	14.59	51.03	68.20	-17.17	peak
2	15750.000	33.79	16.15	49.94	74.00	-24.06	peak

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

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

3.When the peak 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:	5250 MHz		
Mode:	Mode 12		
Ant.Polar.:	Vertical		



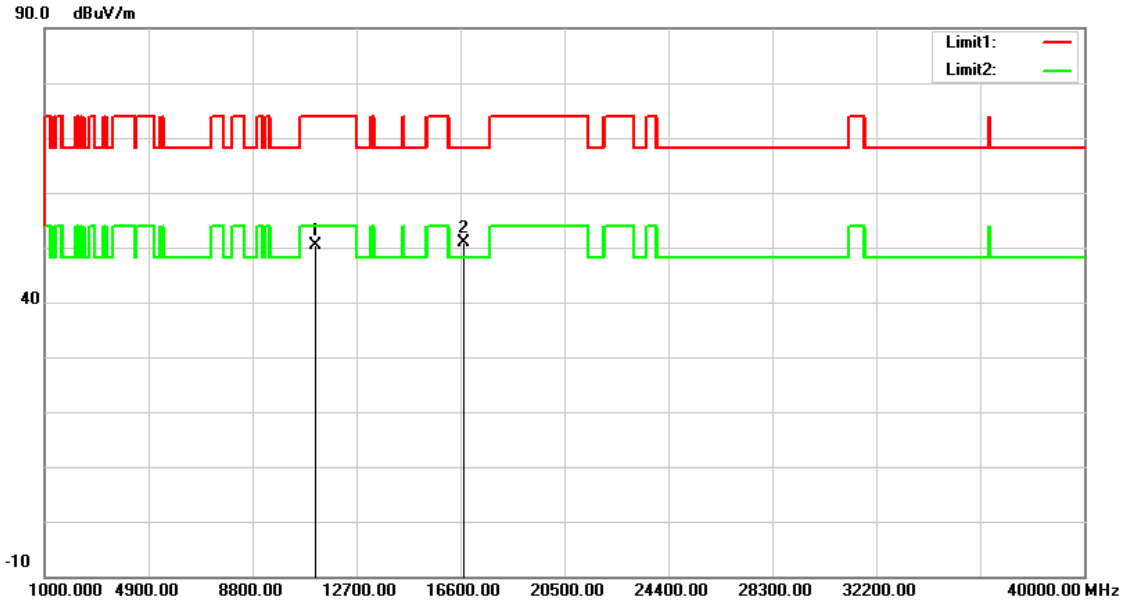
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10500.000	35.31	14.59	49.90	68.20	-18.30	peak
2	15750.000	33.22	16.15	49.37	74.00	-24.63	peak

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:	Harmonic		
Frequency:	5570 MHz		
Mode:	Mode 12		
Ant.Polar.:	Horizontal		



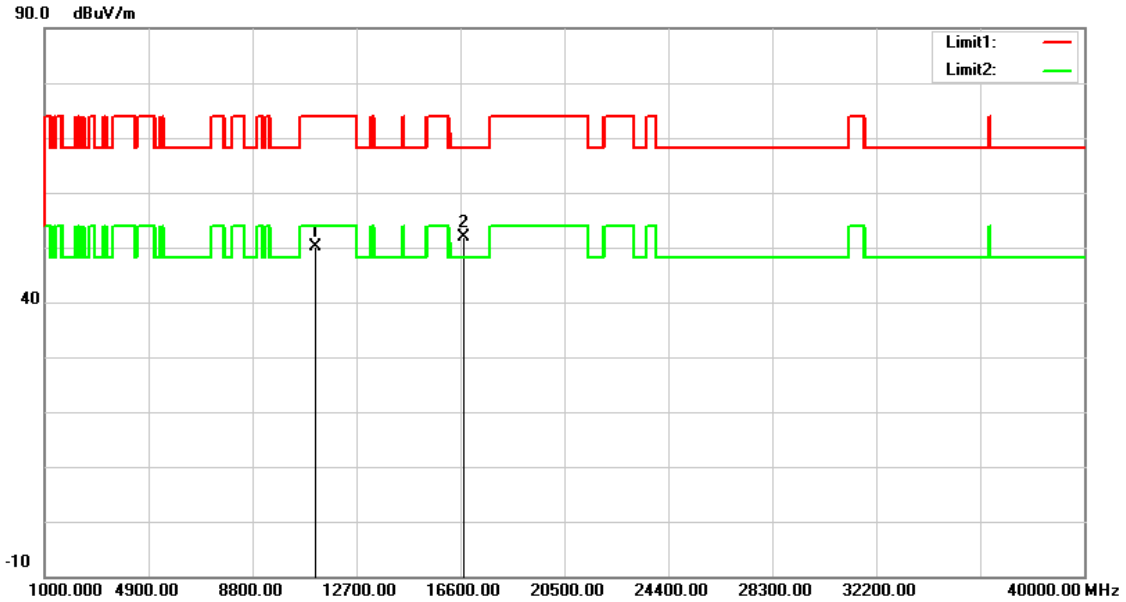
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11140.000	35.63	14.73	50.36	74.00	-23.64	peak
2	16710.000	32.82	18.17	50.99	68.20	-17.21	peak

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:	5570 MHz		
Mode:	Mode 12		
Ant.Polar.:	Vertical		



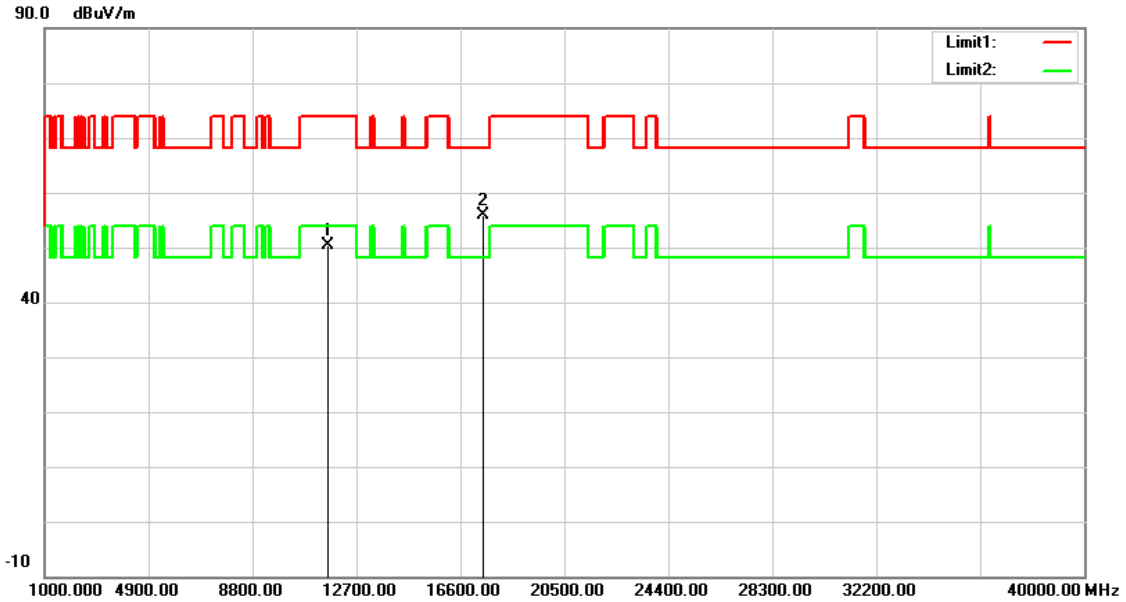
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11140.000	35.34	14.73	50.07	74.00	-23.93	peak
2	16710.000	33.80	18.17	51.97	68.20	-16.23	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5815 MHz		
Mode:	Mode 12		
Ant.Polar.:	Horizontal		



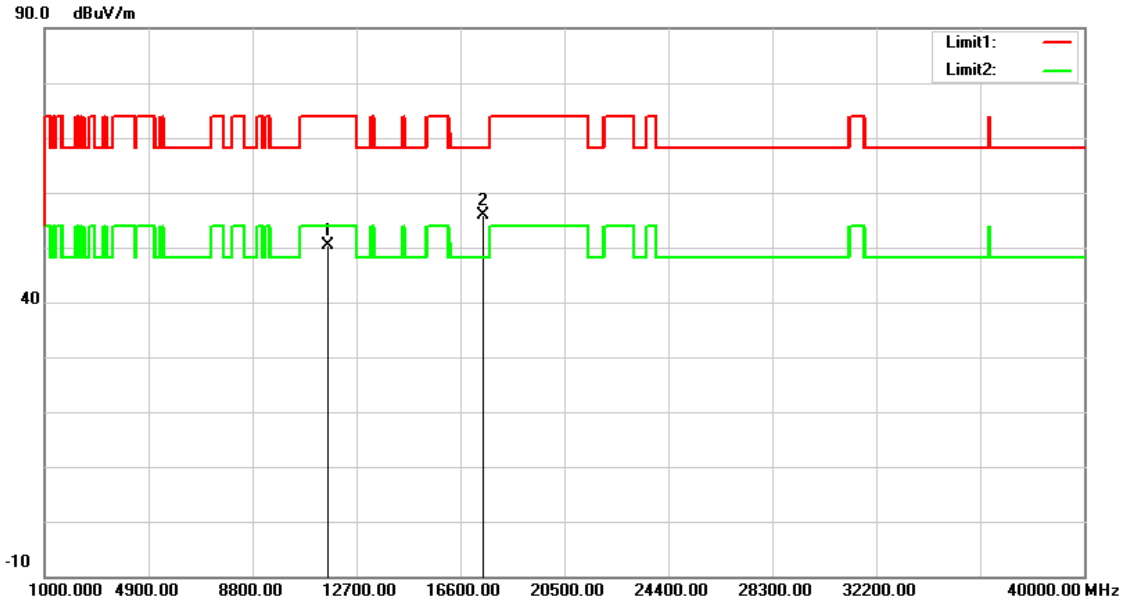
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11630.000	35.25	15.12	50.37	74.00	-23.63	peak
2	17445.000	32.86	22.95	55.81	68.20	-12.39	peak

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:	5815 MHz		
Mode:	Mode 12		
Ant.Polar.:	Vertical		



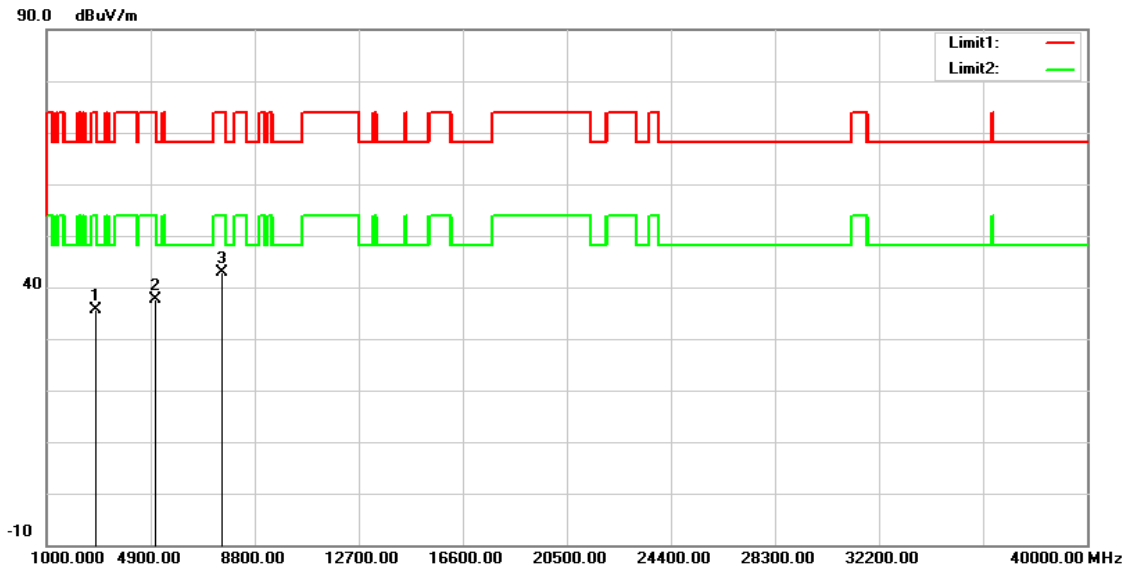
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11630.000	35.21	15.12	50.33	74.00	-23.67	peak
2	17445.000	32.97	22.95	55.92	68.20	-12.28	peak

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

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

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

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



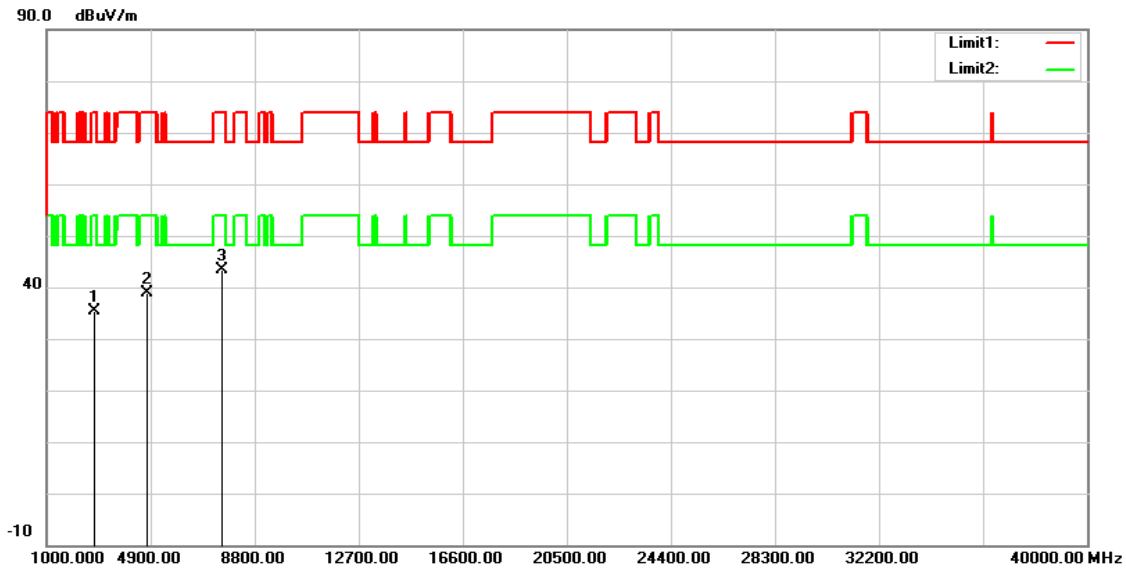
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2819.000	41.60	-5.89	35.71	74.00	-38.29	peak
2	5063.000	37.98	-0.24	37.74	74.00	-36.26	peak
3	7562.000	35.66	7.33	42.99	74.00	-31.01	peak

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		
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	41.32	-5.94	35.38	74.00	-38.62	peak
2	4757.000	40.13	-1.21	38.92	74.00	-35.08	peak
3	7562.000	36.04	7.33	43.37	74.00	-30.63	peak

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

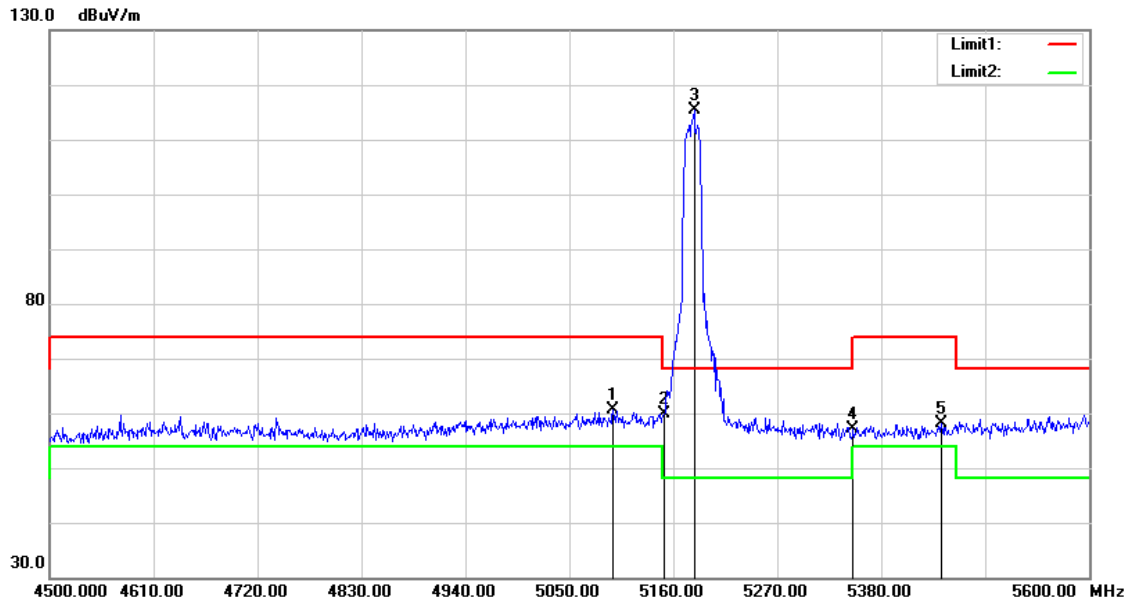
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

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		



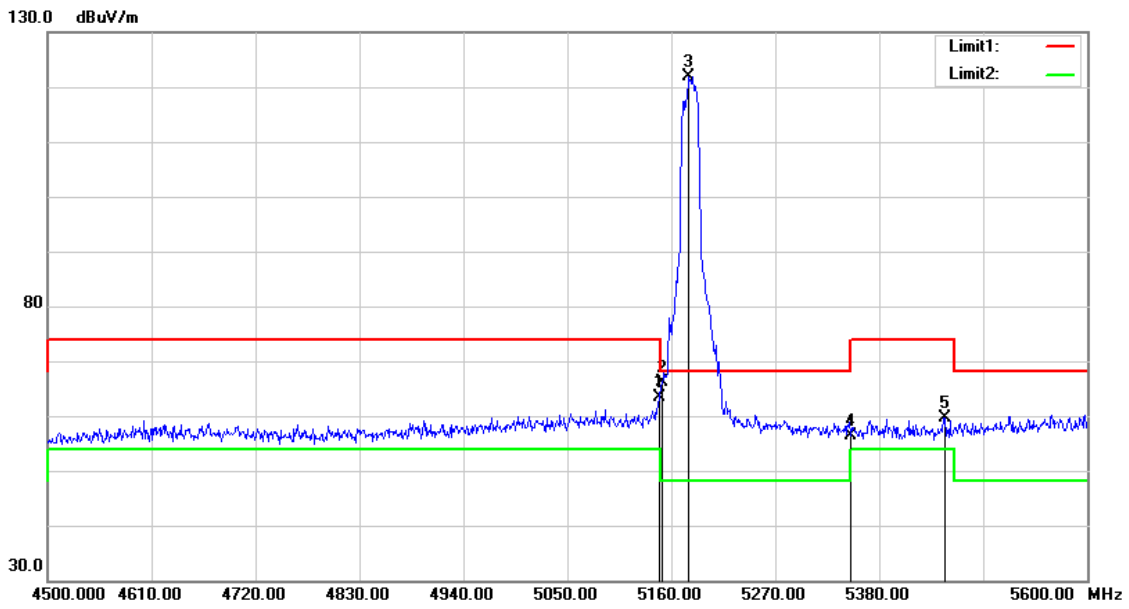
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5096.200	60.86	-0.18	60.68	74.00	-13.32	peak
2	5150.000	59.95	-0.08	59.87	74.00	-14.13	peak
3	5182.000	115.31	-0.02	115.29	68.20	47.09	peak
4	5350.000	56.87	0.30	57.17	74.00	-16.83	peak
5	5443.800	57.62	0.47	58.09	74.00	-15.91	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:	5180 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



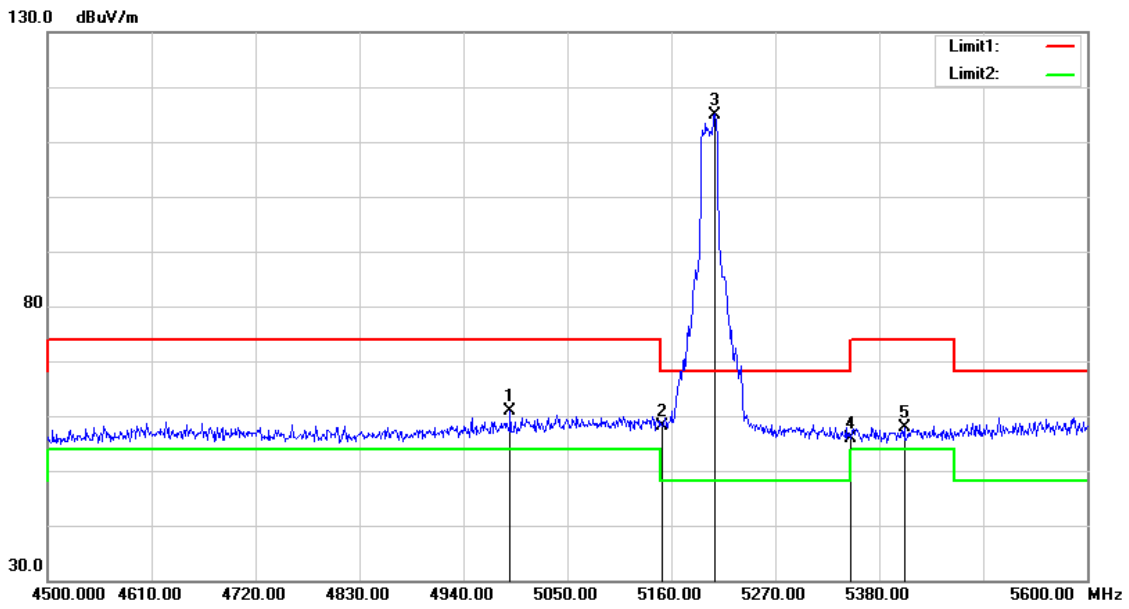
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	63.52	-0.08	63.44	74.00	-10.56	peak
2	5150.000	66.25	-0.08	66.17	74.00	-7.83	peak
3	5178.700	121.99	-0.03	121.96	68.20	53.76	peak
4	5350.000	56.04	0.30	56.34	74.00	-17.66	peak
5	5449.300	59.10	0.48	59.58	74.00	-14.42	peak

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

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

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

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



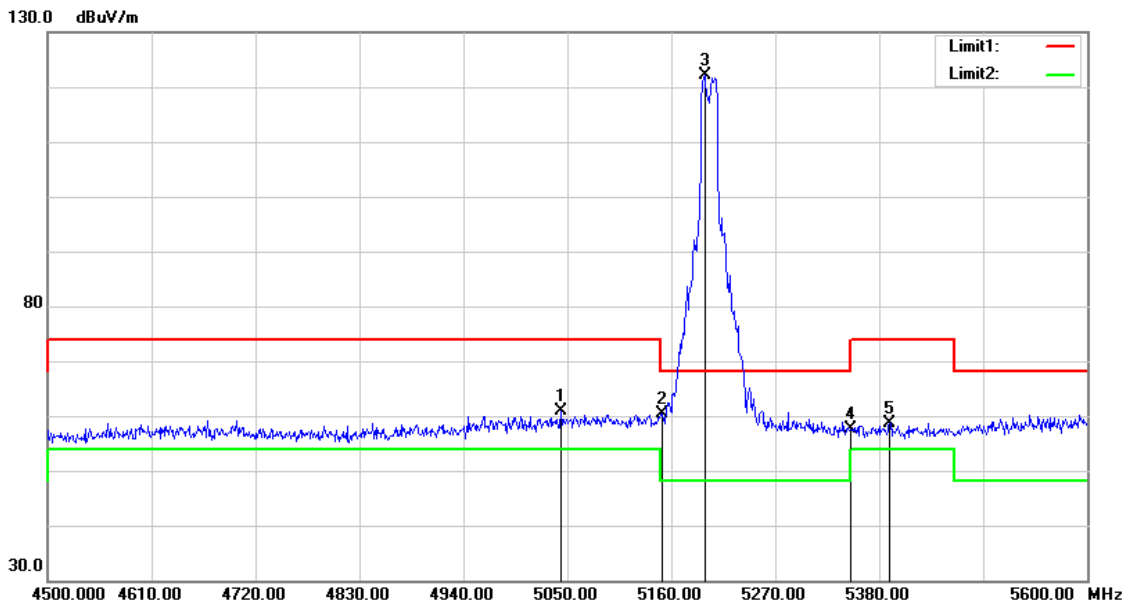
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4989.500	61.17	-0.39	60.78	74.00	-13.22	peak
2	5150.000	58.20	-0.08	58.12	74.00	-15.88	peak
3	5206.200	114.98	0.02	115.00	68.20	46.80	peak
4	5350.000	55.47	0.30	55.77	74.00	-18.23	peak
5	5406.400	57.55	0.41	57.96	74.00	-16.04	peak

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

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

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

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



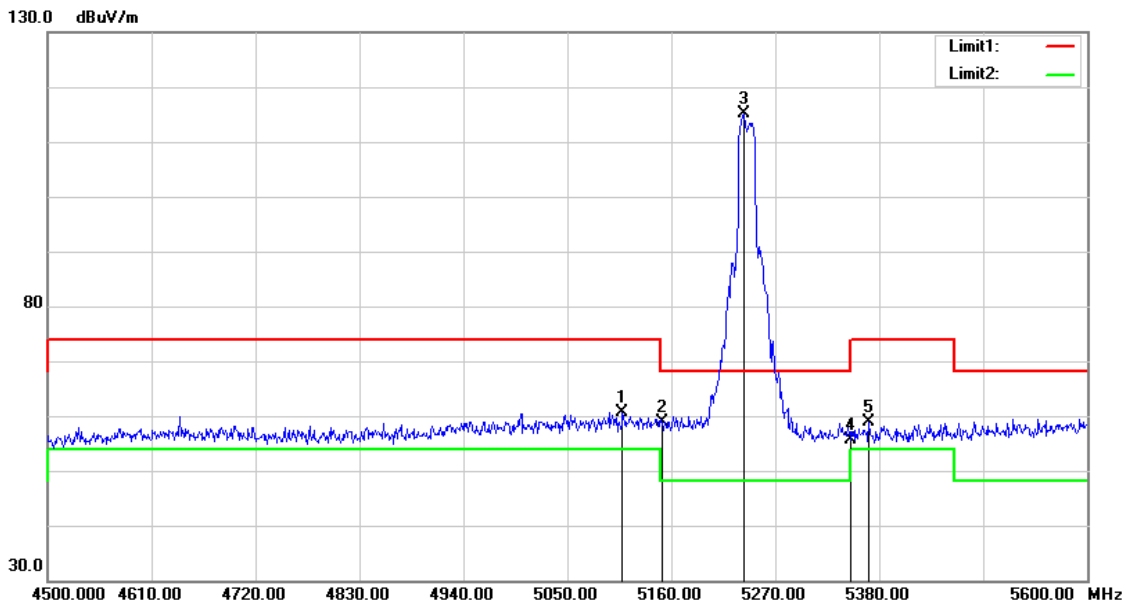
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5043.400	61.26	-0.29	60.97	74.00	-13.03	peak
2	5150.000	60.56	-0.08	60.48	74.00	-13.52	peak
3	5195.200	122.06	0.01	122.07	68.20	53.87	peak
4	5350.000	57.31	0.30	57.61	74.00	-16.39	peak
5	5391.000	58.17	0.37	58.54	74.00	-15.46	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:	5240 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



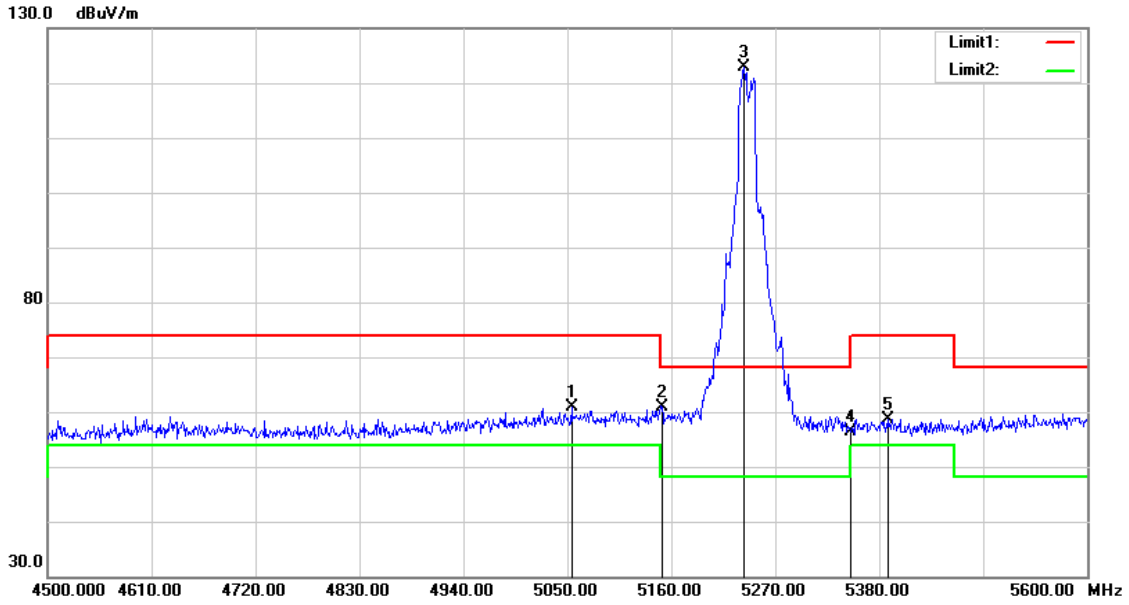
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5108.300	60.78	-0.15	60.63	74.00	-13.37	peak
2	5150.000	59.06	-0.08	58.98	74.00	-15.02	peak
3	5237.000	115.03	0.08	115.11	68.20	46.91	peak
4	5350.000	55.23	0.30	55.53	74.00	-18.47	peak
5	5369.000	58.58	0.34	58.92	74.00	-15.08	peak

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

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

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

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



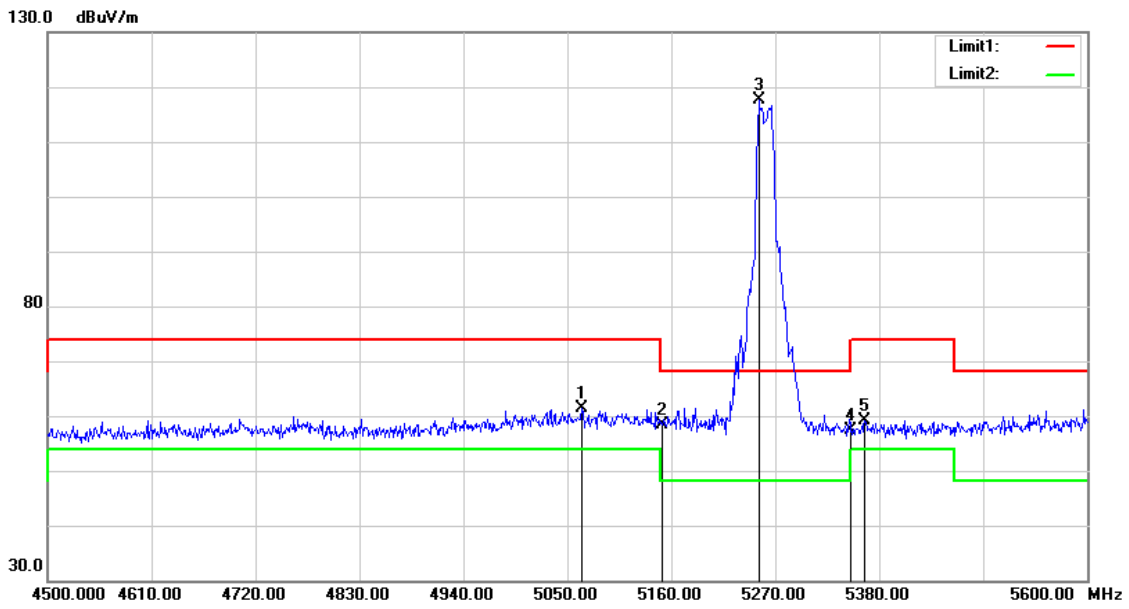
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5054.400	61.19	-0.26	60.93	74.00	-13.07	peak
2	5150.000	60.90	-0.08	60.82	74.00	-13.18	peak
3	5237.000	122.69	0.08	122.77	68.20	54.57	peak
4	5350.000	55.97	0.30	56.27	74.00	-17.73	peak
5	5388.800	58.27	0.36	58.63	74.00	-15.37	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:	5260 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



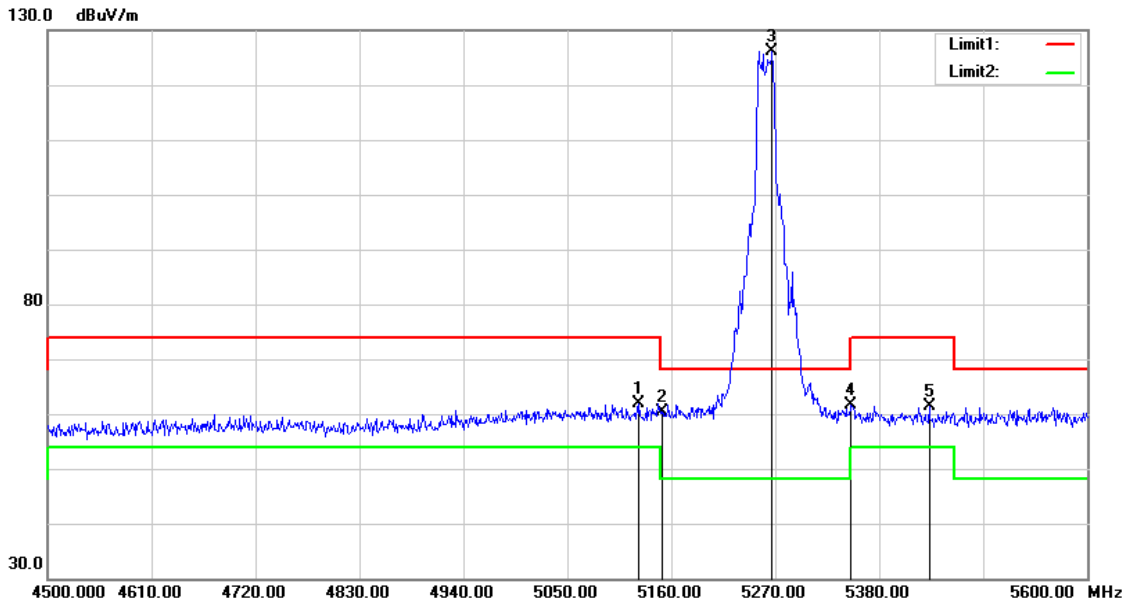
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5065.400	61.72	-0.24	61.48	74.00	-12.52	peak
2	5150.000	58.52	-0.08	58.44	74.00	-15.56	peak
3	5252.400	117.50	0.11	117.61	68.20	49.41	peak
4	5350.000	57.07	0.30	57.37	74.00	-16.63	peak
5	5364.600	58.80	0.32	59.12	74.00	-14.88	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



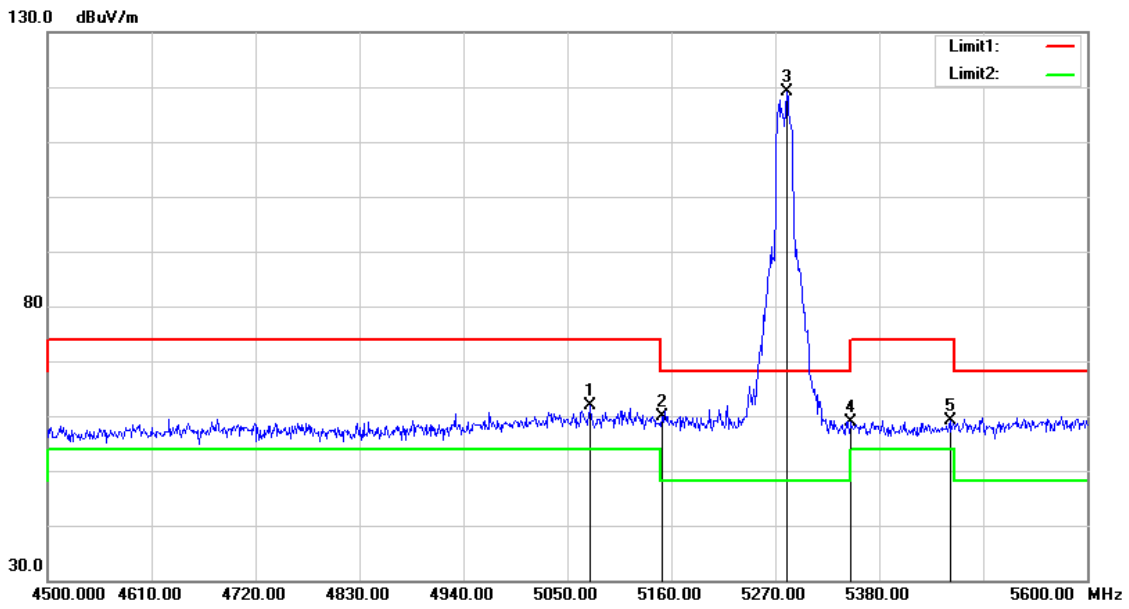
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5125.900	62.11	-0.13	61.98	74.00	-12.02	peak
2	5150.000	60.45	-0.08	60.37	74.00	-13.63	peak
3	5266.700	126.12	0.13	126.25	68.20	58.05	peak
4	5350.000	61.23	0.30	61.53	74.00	-12.47	peak
5	5432.800	61.00	0.46	61.46	74.00	-12.54	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



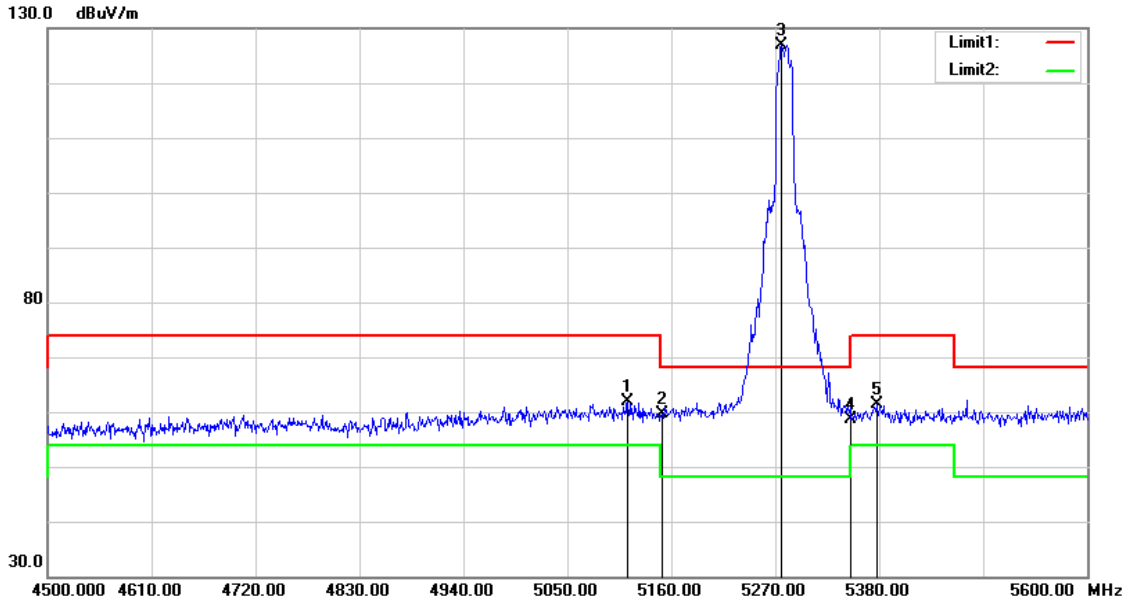
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5074.200	62.19	-0.22	61.97	74.00	-12.03	peak
2	5150.000	59.92	-0.08	59.84	74.00	-14.16	peak
3	5282.100	119.00	0.18	119.18	68.20	50.98	peak
4	5350.000	58.50	0.30	58.80	74.00	-15.20	peak
5	5454.800	58.70	0.48	59.18	74.00	-14.82	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



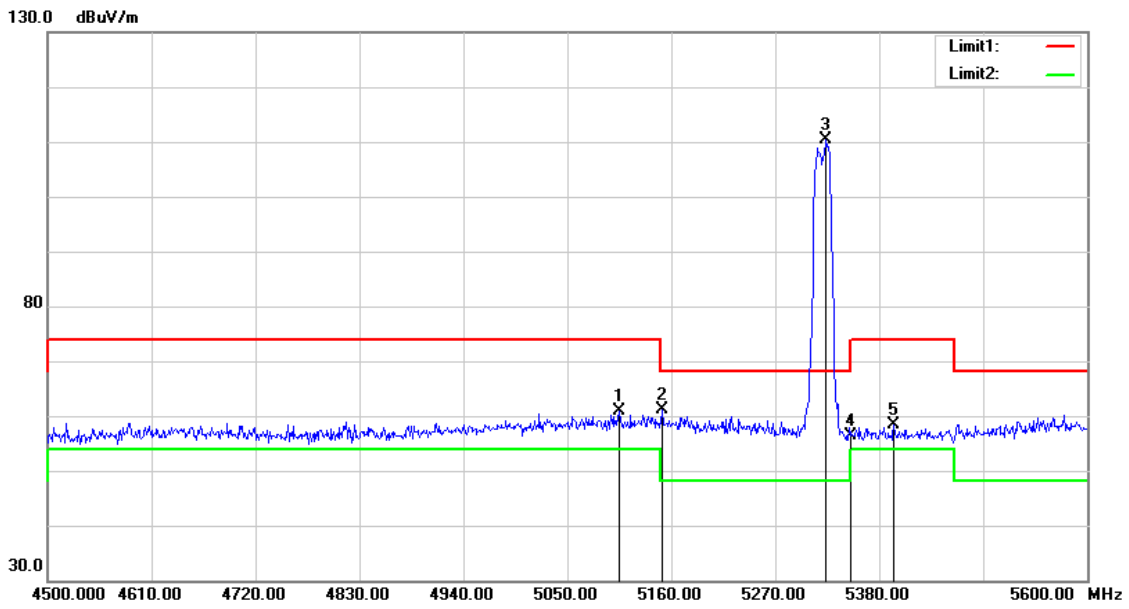
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5113.800	62.15	-0.15	62.00	74.00	-12.00	peak
2	5150.000	59.78	-0.08	59.70	74.00	-14.30	peak
3	5276.600	126.74	0.15	126.89	68.20	58.69	peak
4	5350.000	58.39	0.30	58.69	74.00	-15.31	peak
5	5377.800	60.93	0.35	61.28	74.00	-12.72	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



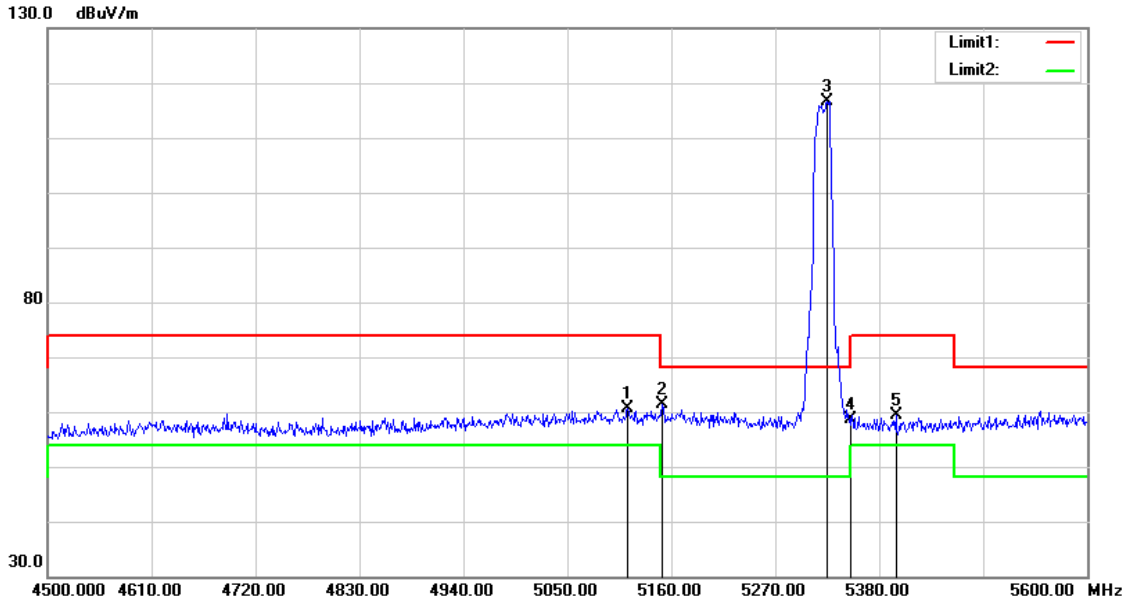
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5105.000	60.94	-0.16	60.78	74.00	-13.22	peak
2	5150.000	61.19	-0.08	61.11	74.00	-12.89	peak
3	5323.900	110.11	0.25	110.36	68.20	42.16	peak
4	5350.000	56.08	0.30	56.38	74.00	-17.62	peak
5	5395.400	57.97	0.38	58.35	74.00	-15.65	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:	5320 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



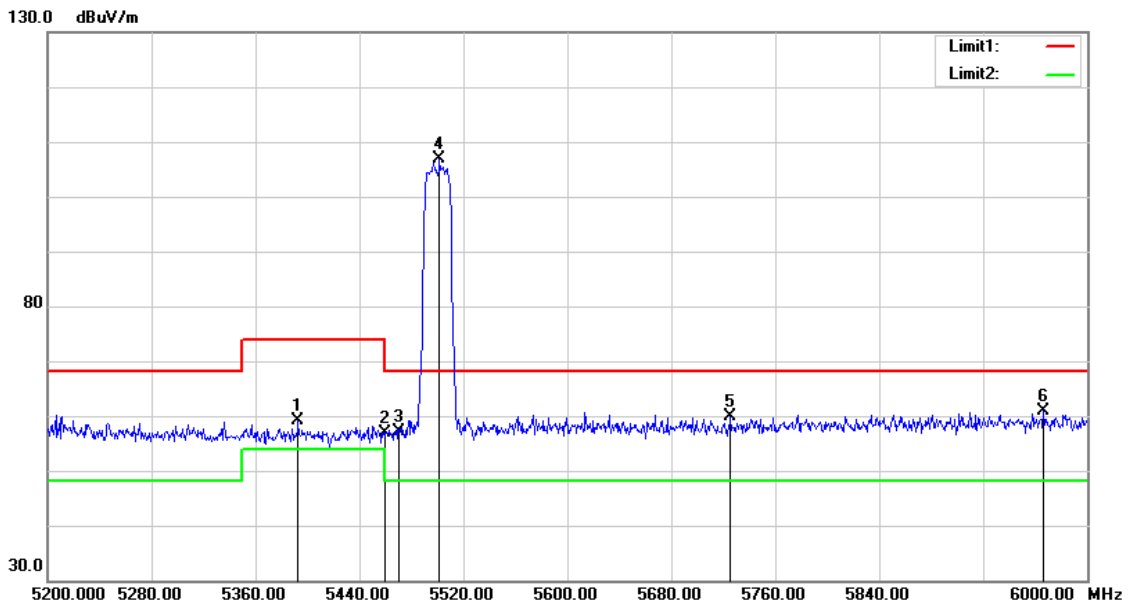
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5113.800	60.72	-0.15	60.57	74.00	-13.43	peak
2	5150.000	61.50	-0.08	61.42	74.00	-12.58	peak
3	5325.000	116.35	0.25	116.60	68.20	48.40	peak
4	5350.000	58.37	0.30	58.67	74.00	-15.33	peak
5	5397.600	59.04	0.39	59.43	74.00	-14.57	peak

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

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

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

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



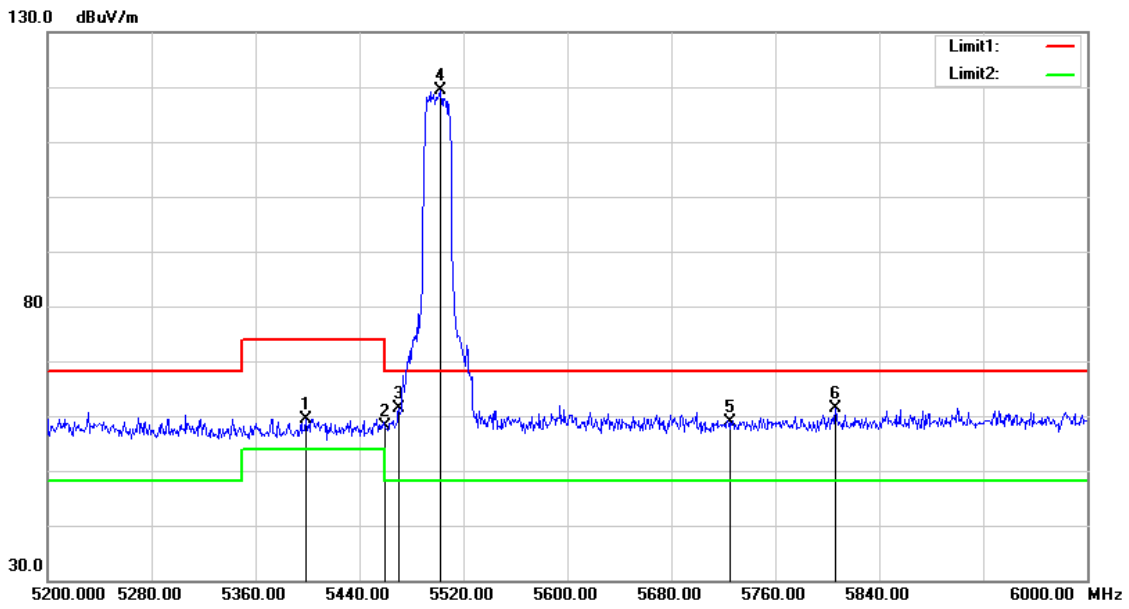
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5392.800	58.78	0.37	59.15	74.00	-14.85	peak
2	5460.000	56.44	0.51	56.95	74.00	-17.05	peak
3	5470.000	56.72	0.52	57.24	68.20	-10.96	peak
4	5501.600	106.29	0.58	106.87	68.20	38.67	peak
5	5725.000	58.82	1.18	60.00	68.20	-8.20	peak
6	5966.400	59.08	1.83	60.91	68.20	-7.29	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



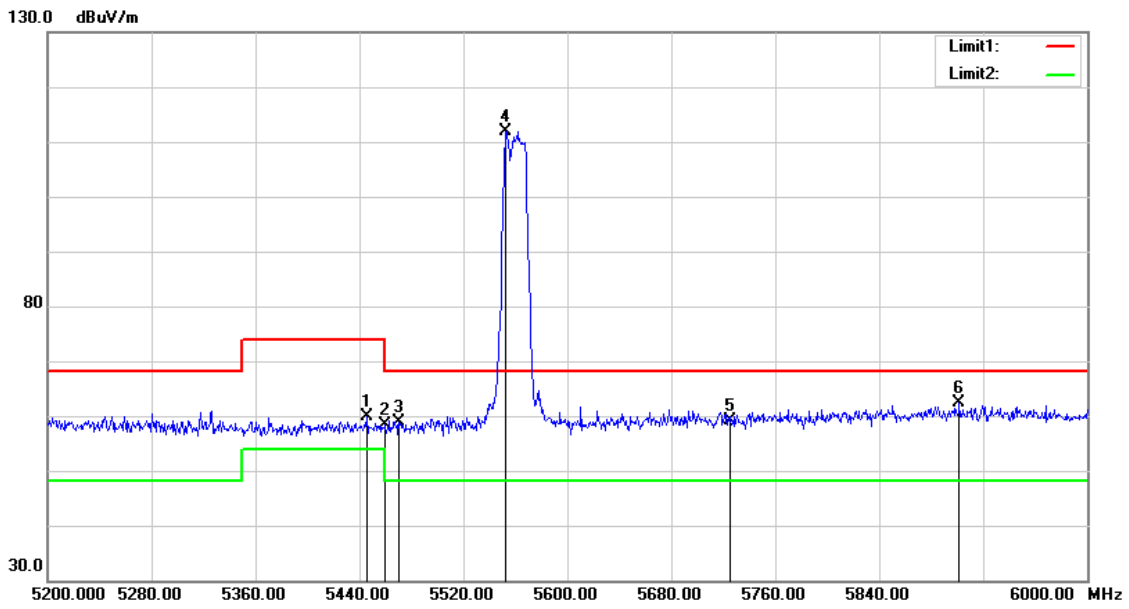
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5399.200	59.07	0.39	59.46	74.00	-14.54	peak
2	5460.000	57.55	0.51	58.06	74.00	-15.94	peak
3	5470.000	60.84	0.52	61.36	68.20	-6.84	peak
4	5502.400	118.81	0.58	119.39	68.20	51.19	peak
5	5725.000	57.75	1.18	58.93	68.20	-9.27	peak
6	5806.400	59.97	1.40	61.37	68.20	-6.83	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



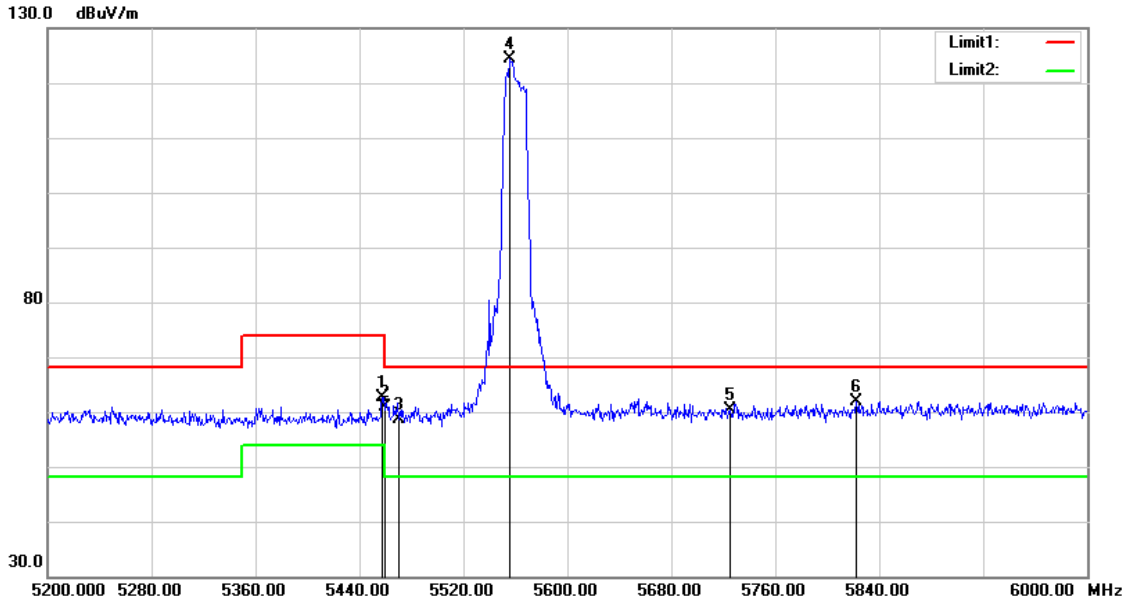
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5445.600	59.28	0.48	59.76	74.00	-14.24	peak
2	5460.000	57.83	0.51	58.34	74.00	-15.66	peak
3	5470.000	58.43	0.52	58.95	68.20	-9.25	peak
4	5552.000	111.15	0.71	111.86	68.20	43.66	peak
5	5725.000	57.94	1.18	59.12	68.20	-9.08	peak
6	5901.600	60.73	1.66	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:	5560 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



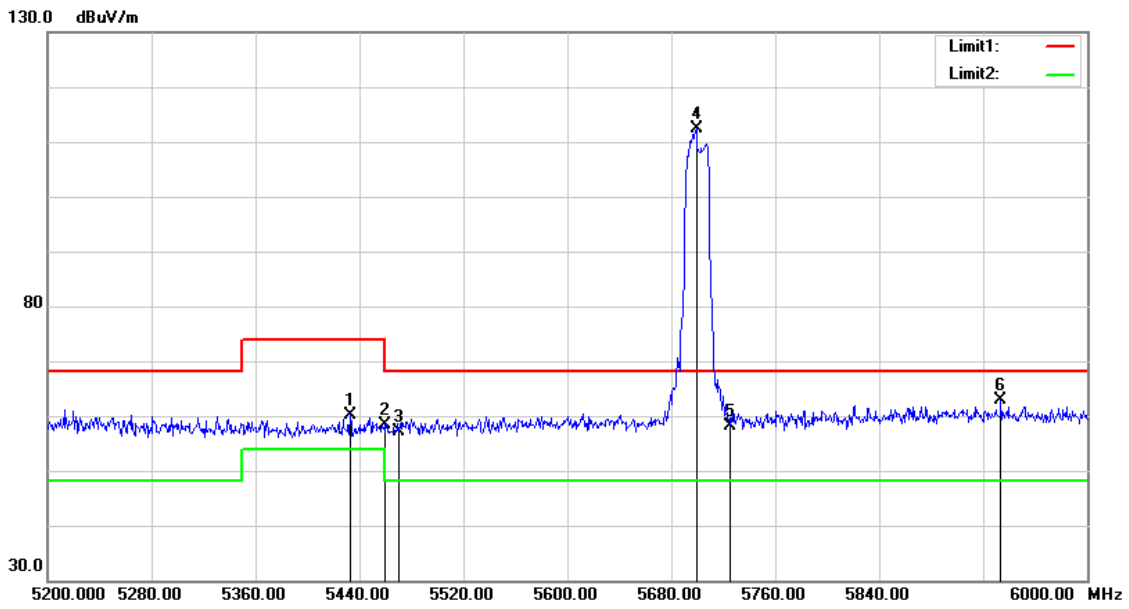
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.600	62.04	0.50	62.54	74.00	-11.46	peak
2	5460.000	60.30	0.51	60.81	74.00	-13.19	peak
3	5470.000	58.18	0.52	58.70	68.20	-9.50	peak
4	5555.200	123.70	0.73	124.43	68.20	56.23	peak
5	5725.000	59.08	1.18	60.26	68.20	-7.94	peak
6	5822.400	60.46	1.45	61.91	68.20	-6.29	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



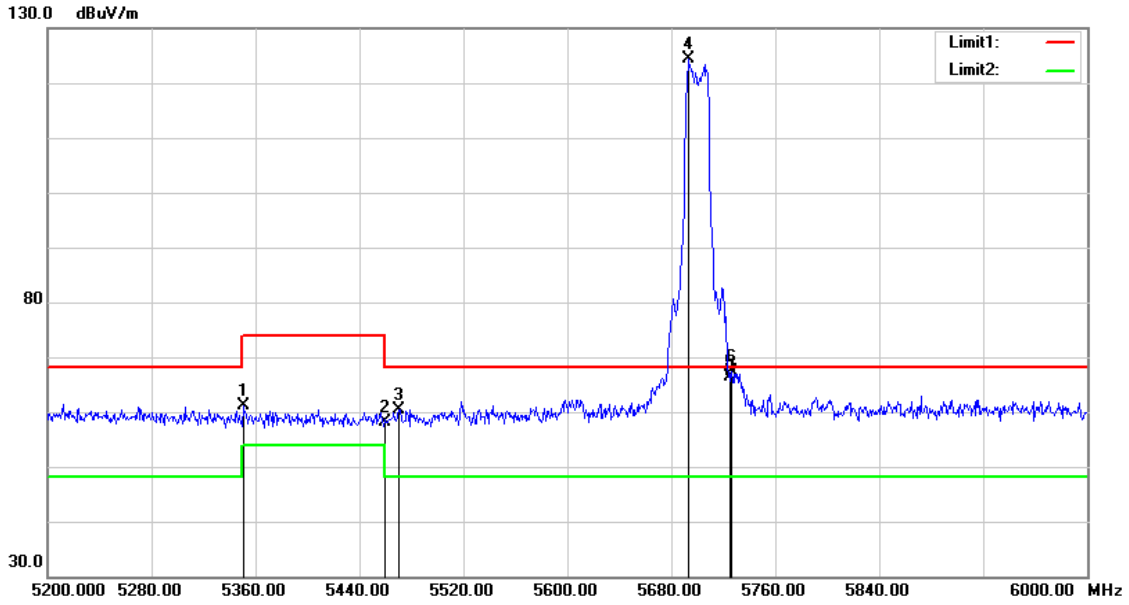
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5432.800	59.79	0.46	60.25	74.00	-13.75	peak
2	5460.000	57.76	0.51	58.27	74.00	-15.73	peak
3	5470.000	56.58	0.52	57.10	68.20	-11.10	peak
4	5699.200	111.22	1.11	112.33	68.20	44.13	peak
5	5725.000	56.99	1.18	58.17	68.20	-10.03	peak
6	5933.600	61.22	1.74	62.96	68.20	-5.24	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



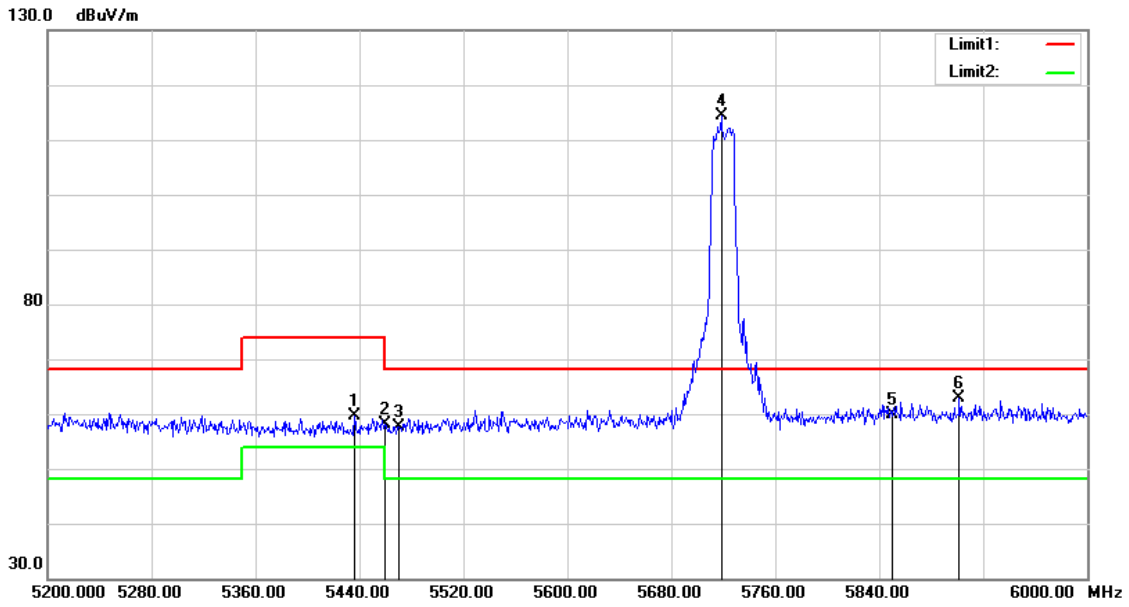
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.400	60.77	0.30	61.07	74.00	-12.93	peak
2	5460.000	57.51	0.51	58.02	74.00	-15.98	peak
3	5470.000	59.85	0.52	60.37	68.20	-7.83	peak
4	5692.800	123.36	1.10	124.46	68.20	56.26	peak
5	5725.000	65.09	1.18	66.27	68.20	-1.93	peak
6	5726.400	66.09	1.18	67.27	68.20	-0.93	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:	5720 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



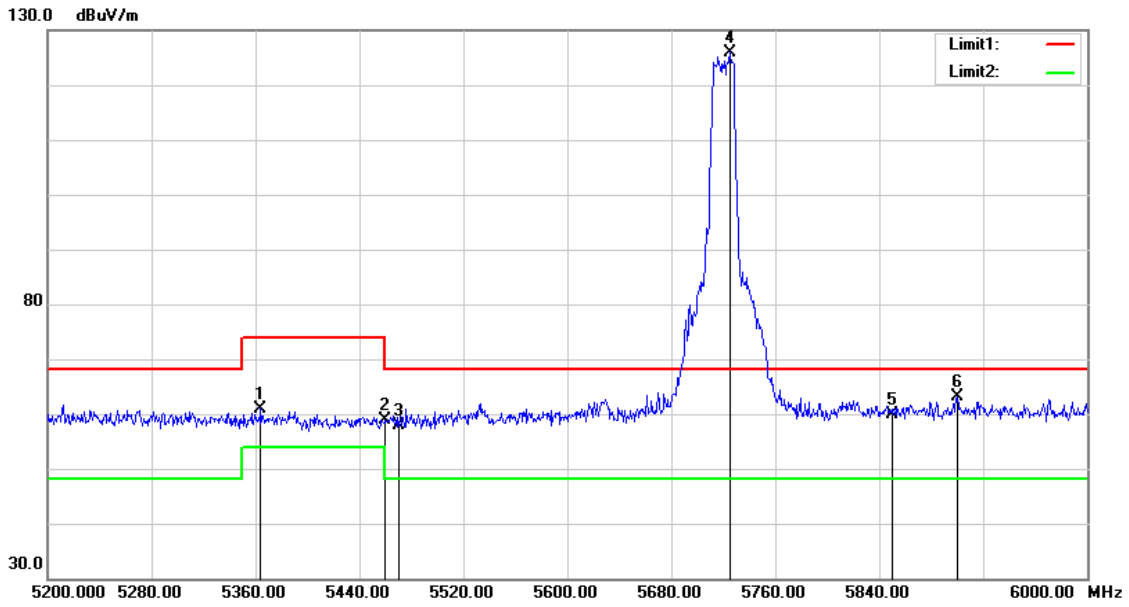
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5436.000	59.08	0.46	59.54	74.00	-14.46	peak
2	5460.000	57.61	0.51	58.12	74.00	-15.88	peak
3	5470.000	57.17	0.52	57.69	68.20	-10.51	peak
4	5718.400	113.28	1.16	114.44	68.20	46.24	peak
5	5850.000	58.38	1.52	59.90	68.20	-8.30	peak
6	5901.600	61.34	1.66	63.00	68.20	-5.20	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:	5720 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



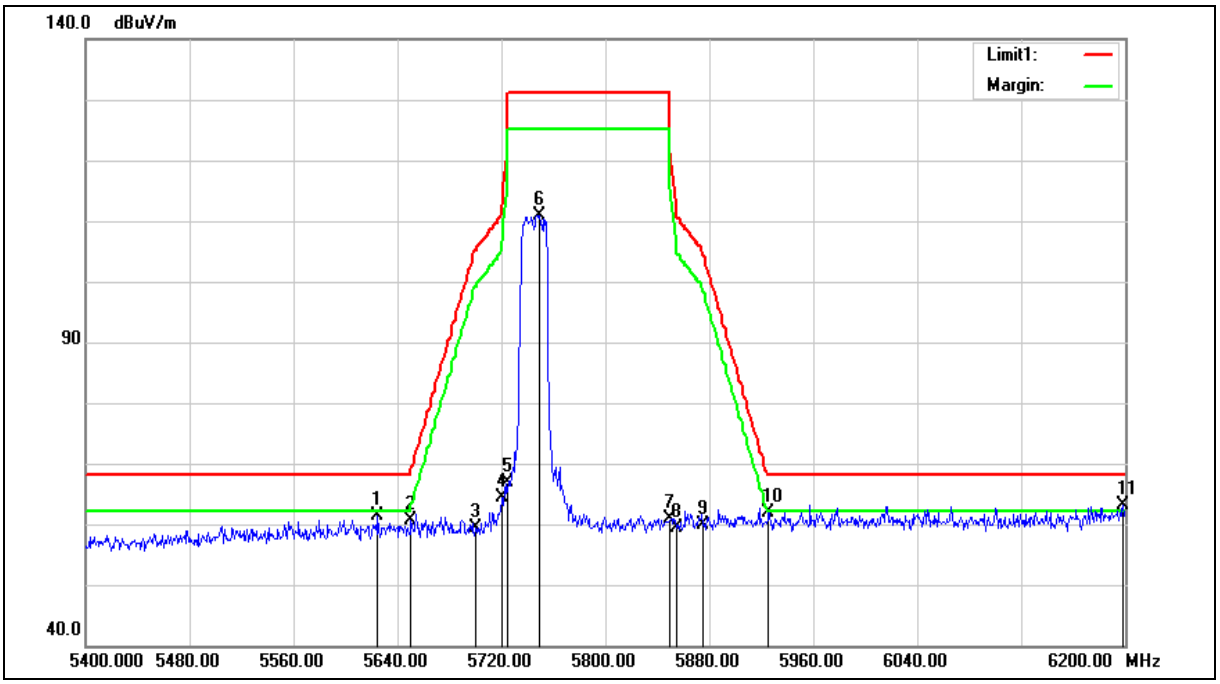
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5364.000	60.68	0.32	61.00	74.00	-13.00	peak
2	5460.000	58.31	0.51	58.82	74.00	-15.18	peak
3	5470.000	57.27	0.52	57.79	68.20	-10.41	peak
4	5724.800	124.82	1.18	126.00	68.20	57.80	peak
5	5850.000	58.37	1.52	59.89	68.20	-8.31	peak
6	5900.000	61.48	1.65	63.13	68.20	-5.07	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 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		

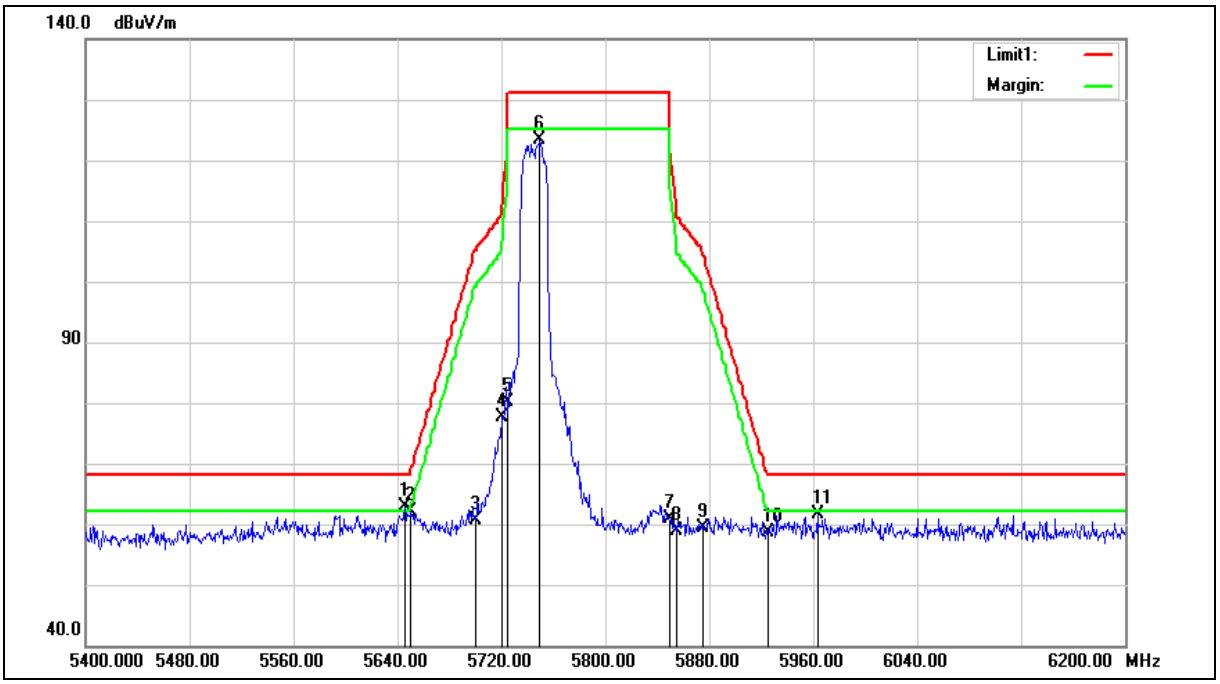
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5624.800	60.41	0.91	61.32	68.20	-6.88	peak
2	5650.000	59.71	0.97	60.68	68.20	-7.52	peak
3	5700.000	58.19	1.11	59.30	105.20	-45.90	peak
4	5720.000	63.17	1.17	64.34	110.80	-46.46	peak
5	5725.000	65.82	1.18	67.00	122.20	-55.20	peak
6	5749.600	109.63	1.25	110.88	131.20	-20.32	peak
7	5850.000	59.31	1.52	60.83	122.20	-61.37	peak
8	5855.000	57.92	1.53	59.45	110.80	-51.35	peak
9	5875.000	58.38	1.59	59.97	105.20	-45.23	peak
10	5925.000	60.10	1.72	61.82	68.20	-6.38	peak
11	6198.400	60.50	2.68	63.18	68.20	-5.02	peak

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

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

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

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

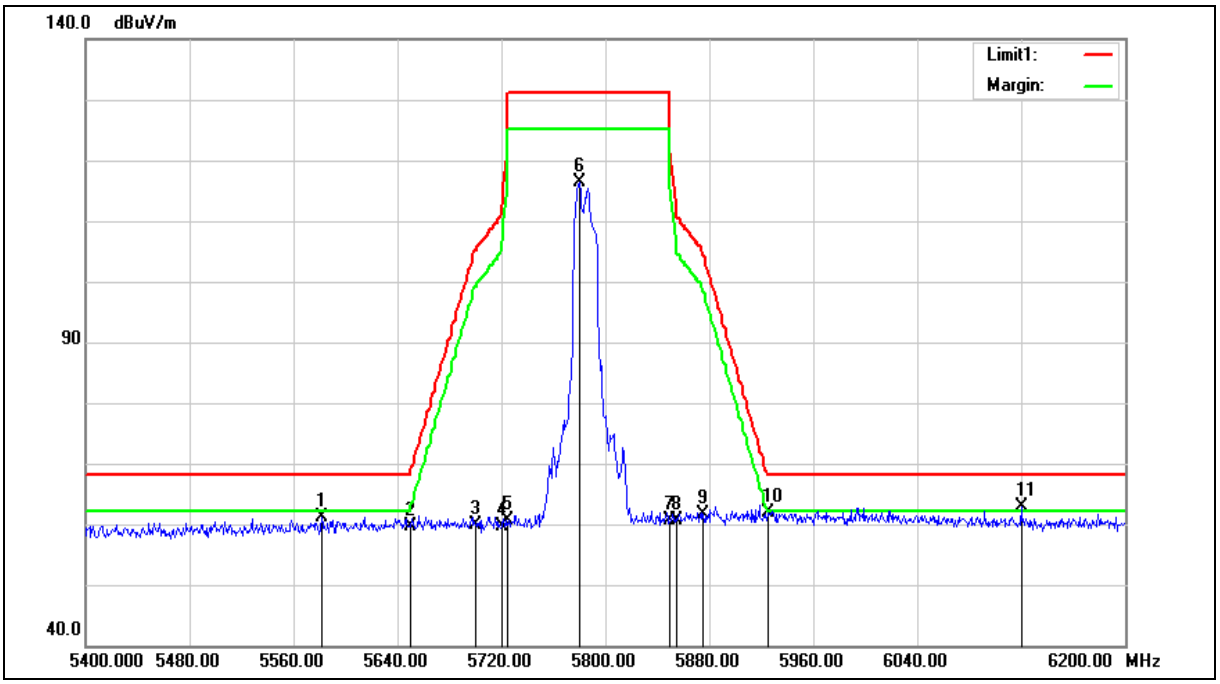
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5645.600	61.86	0.96	62.82	68.20	-5.38	peak
2	5650.000	61.15	0.97	62.12	68.20	-6.08	peak
3	5700.000	59.48	1.11	60.59	105.20	-44.61	peak
4	5720.000	76.42	1.17	77.59	110.80	-33.21	peak
5	5725.000	78.98	1.18	80.16	122.20	-42.04	peak
6	5749.600	122.14	1.25	123.39	131.20	-7.81	peak
7	5850.000	59.25	1.52	60.77	122.20	-61.43	peak
8	5855.000	57.47	1.53	59.00	110.80	-51.80	peak
9	5875.000	57.78	1.59	59.37	105.20	-45.83	peak
10	5925.000	56.96	1.72	58.68	68.20	-9.52	peak
11	5963.200	59.88	1.82	61.70	68.20	-6.50	peak

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

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

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

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



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

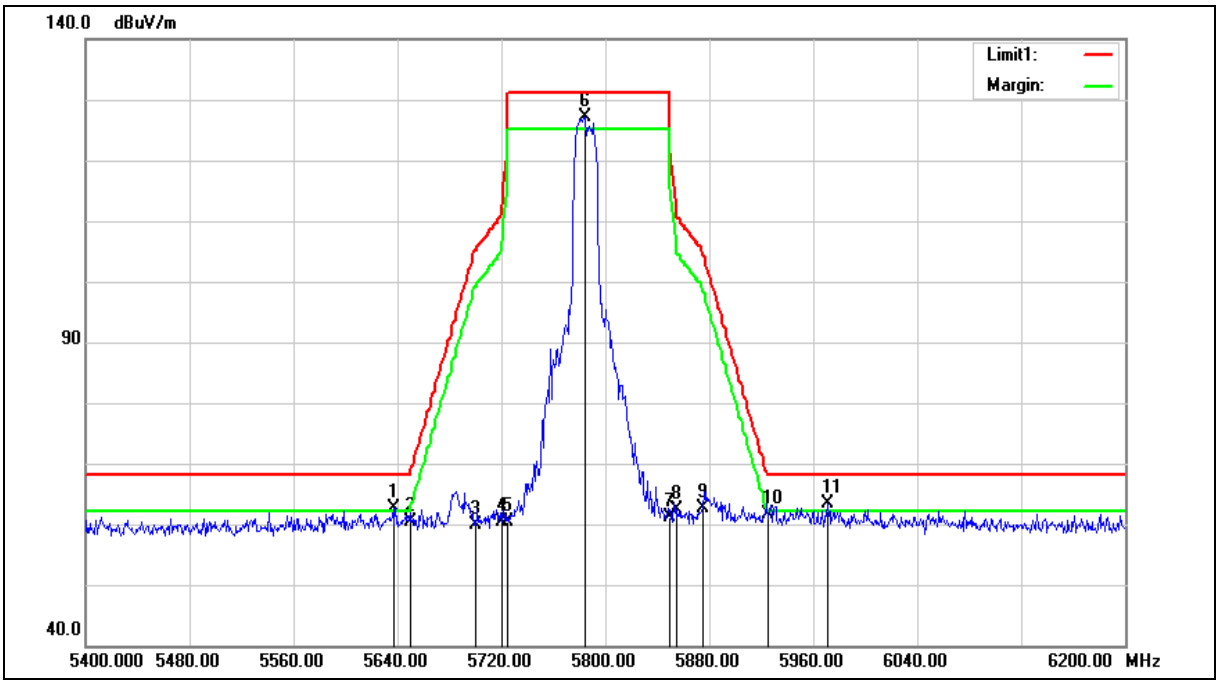
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5581.600	60.34	0.79	61.13	68.20	-7.07	peak
2	5650.000	58.68	0.97	59.65	68.20	-8.55	peak
3	5700.000	58.80	1.11	59.91	105.20	-45.29	peak
4	5720.000	58.50	1.17	59.67	110.80	-51.13	peak
5	5725.000	59.40	1.18	60.58	122.20	-61.62	peak
6	5780.000	115.00	1.33	116.33	131.20	-14.87	peak
7	5850.000	59.19	1.52	60.71	122.20	-61.49	peak
8	5855.000	59.02	1.53	60.55	110.80	-50.25	peak
9	5875.000	60.03	1.59	61.62	105.20	-43.58	peak
10	5925.000	60.18	1.72	61.90	68.20	-6.30	peak
11	6120.000	60.38	2.38	62.76	68.20	-5.44	peak

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

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

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

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



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

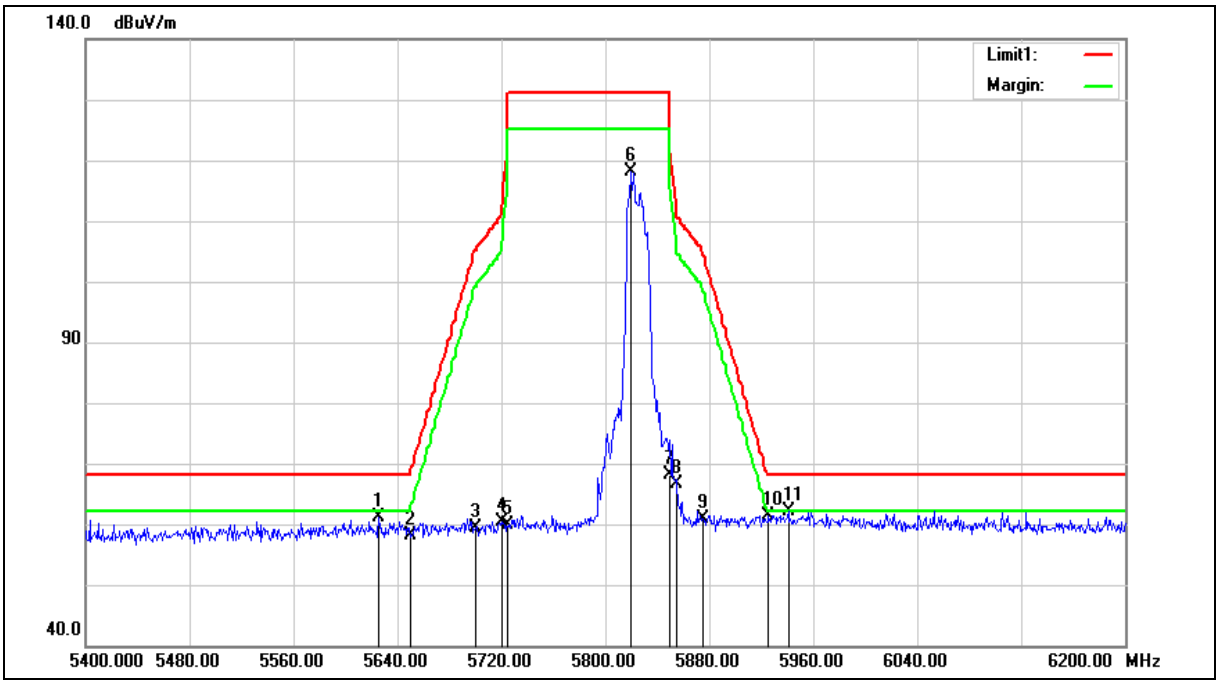
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5636.800	61.64	0.93	62.57	68.20	-5.63	peak
2	5650.000	59.42	0.97	60.39	68.20	-7.81	peak
3	5700.000	58.84	1.11	59.95	105.20	-45.25	peak
4	5720.000	59.23	1.17	60.40	110.80	-50.40	peak
5	5725.000	59.15	1.18	60.33	122.20	-61.87	peak
6	5784.800	125.83	1.34	127.17	131.20	-4.03	peak
7	5850.000	59.66	1.52	61.18	122.20	-61.02	peak
8	5855.000	60.82	1.53	62.35	110.80	-48.45	peak
9	5875.000	61.10	1.59	62.69	105.20	-42.51	peak
10	5925.000	59.88	1.72	61.60	68.20	-6.60	peak
11	5971.200	61.62	1.85	63.47	68.20	-4.73	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		

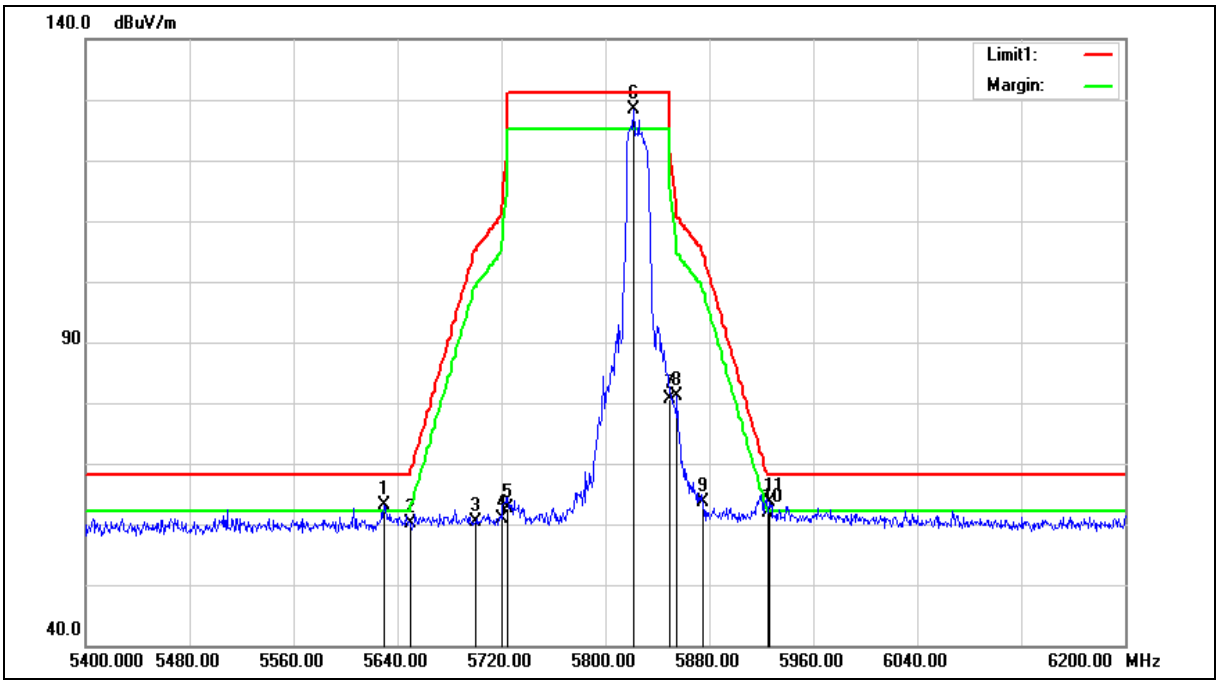
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5625.600	60.19	0.92	61.11	68.20	-7.09	peak
2	5650.000	57.13	0.97	58.10	68.20	-10.10	peak
3	5700.000	58.24	1.11	59.35	105.20	-45.85	peak
4	5720.000	59.15	1.17	60.32	110.80	-50.48	peak
5	5725.000	58.68	1.18	59.86	122.20	-62.34	peak
6	5820.000	116.77	1.43	118.20	131.20	-13.00	peak
7	5850.000	66.70	1.52	68.22	122.20	-53.98	peak
8	5855.000	65.01	1.53	66.54	110.80	-44.26	peak
9	5875.000	59.23	1.59	60.82	105.20	-44.38	peak
10	5925.000	59.61	1.72	61.33	68.20	-6.87	peak
11	5940.800	60.44	1.77	62.21	68.20	-5.99	peak

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

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

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

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

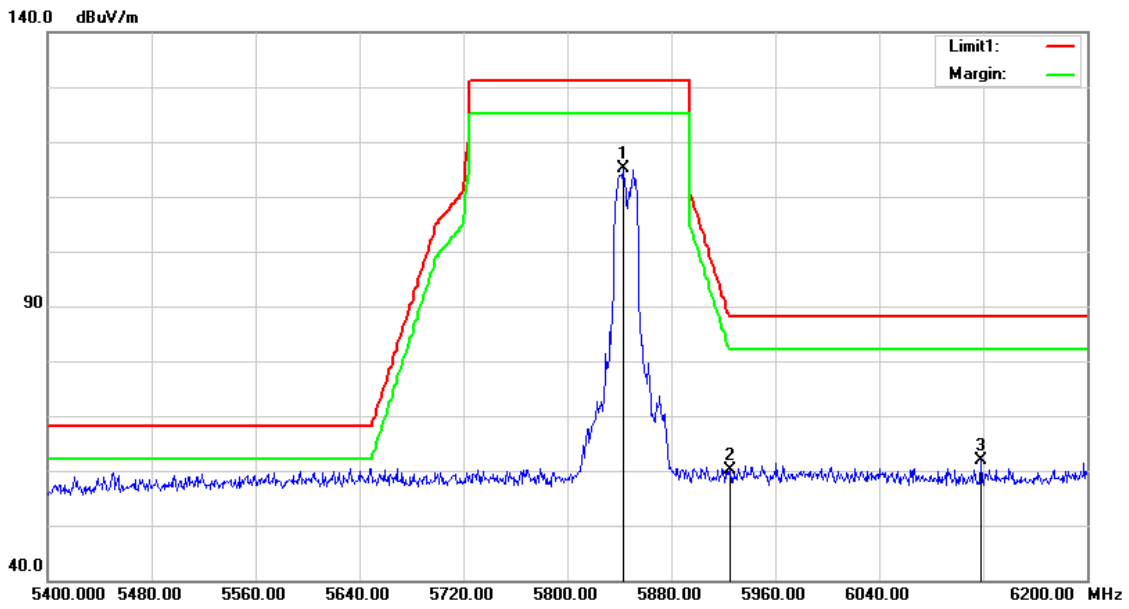
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5629.600	62.13	0.93	63.06	68.20	-5.14	peak
2	5650.000	59.18	0.97	60.15	68.20	-8.05	peak
3	5700.000	59.22	1.11	60.33	105.20	-44.87	peak
4	5720.000	59.72	1.17	60.89	110.80	-49.91	peak
5	5725.000	61.35	1.18	62.53	122.20	-59.67	peak
6	5821.600	126.88	1.44	128.32	131.20	-2.88	peak
7	5850.000	79.15	1.52	80.67	122.20	-41.53	peak
8	5855.000	79.56	1.53	81.09	110.80	-29.71	peak
9	5875.000	62.04	1.59	63.63	105.20	-41.57	peak
10	5925.000	60.06	1.72	61.78	68.20	-6.42	peak
11	5926.400	61.80	1.72	63.52	68.20	-4.68	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5845 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



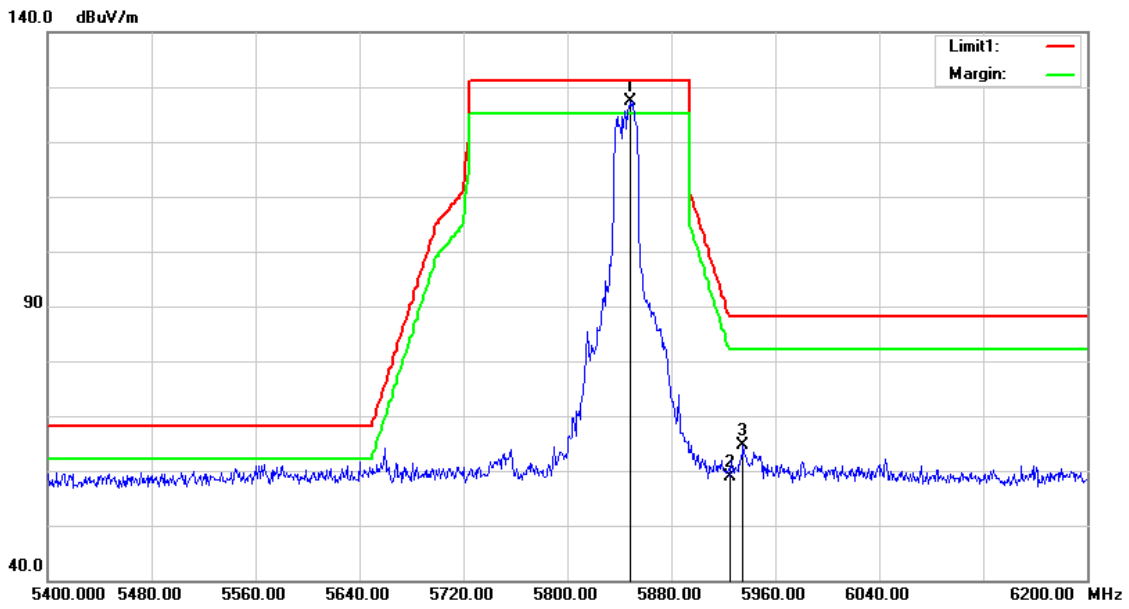
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5843.200	113.54	1.50	115.04	131.20	-16.16	peak
2	5925.000	58.30	1.72	60.02	88.20	-28.18	peak
3	6118.400	59.59	2.38	61.97	88.20	-26.23	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5845 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



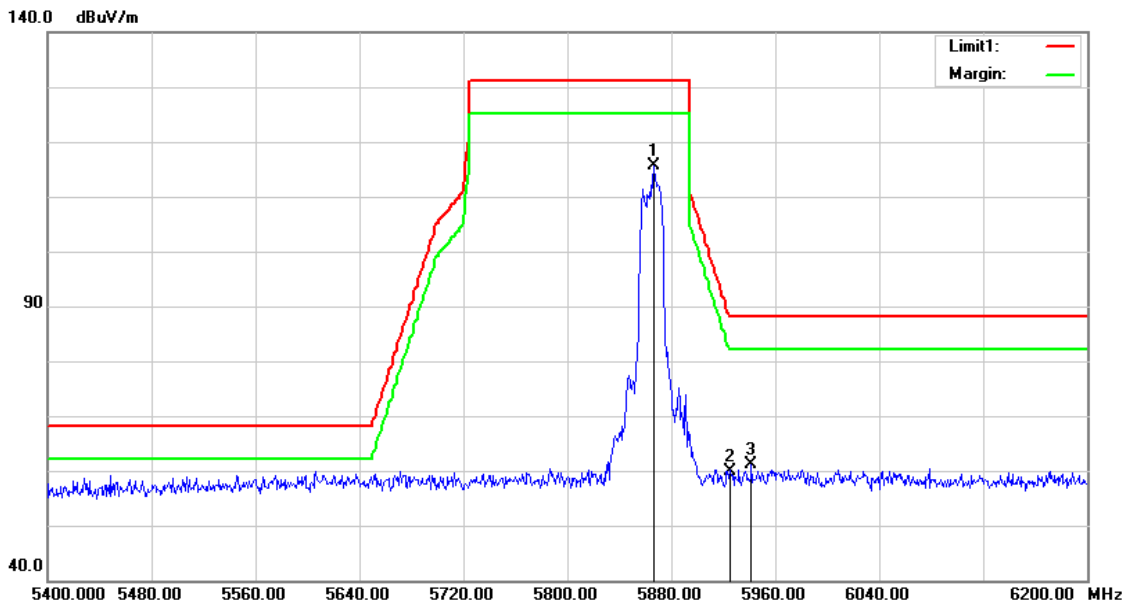
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5848.000	125.88	1.51	127.39	131.20	-3.81	peak
2	5925.000	57.28	1.72	59.00	88.20	-29.20	peak
3	5935.200	62.87	1.74	64.61	88.20	-23.59	peak

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:	5865 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



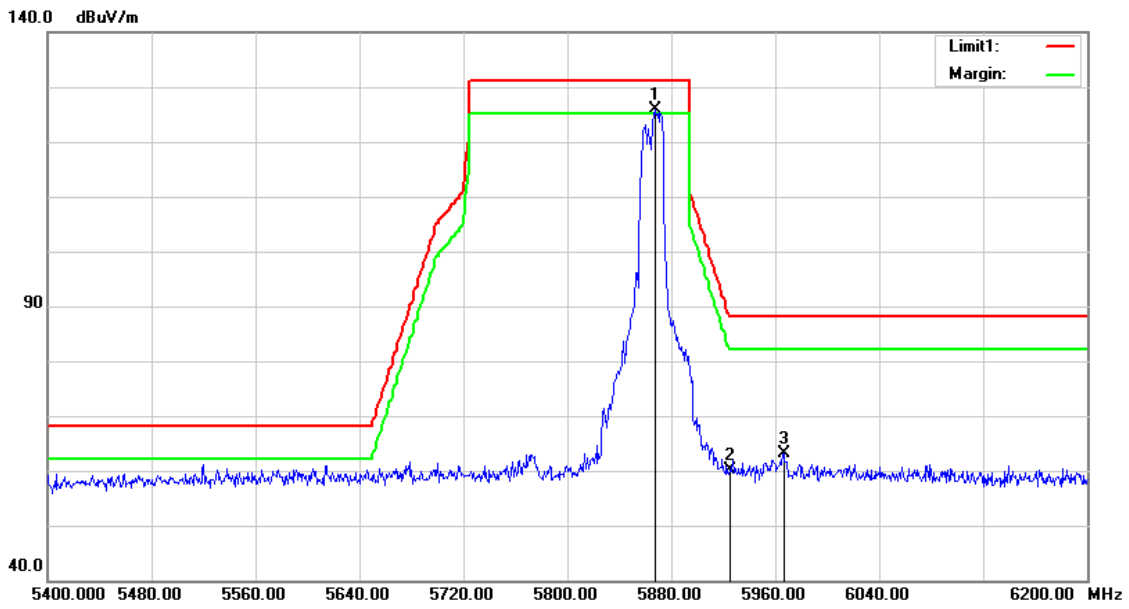
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5866.400	114.08	1.56	115.64	131.20	-15.56	peak
2	5925.000	58.05	1.72	59.77	88.20	-28.43	peak
3	5941.600	59.36	1.77	61.13	88.20	-27.07	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5865 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



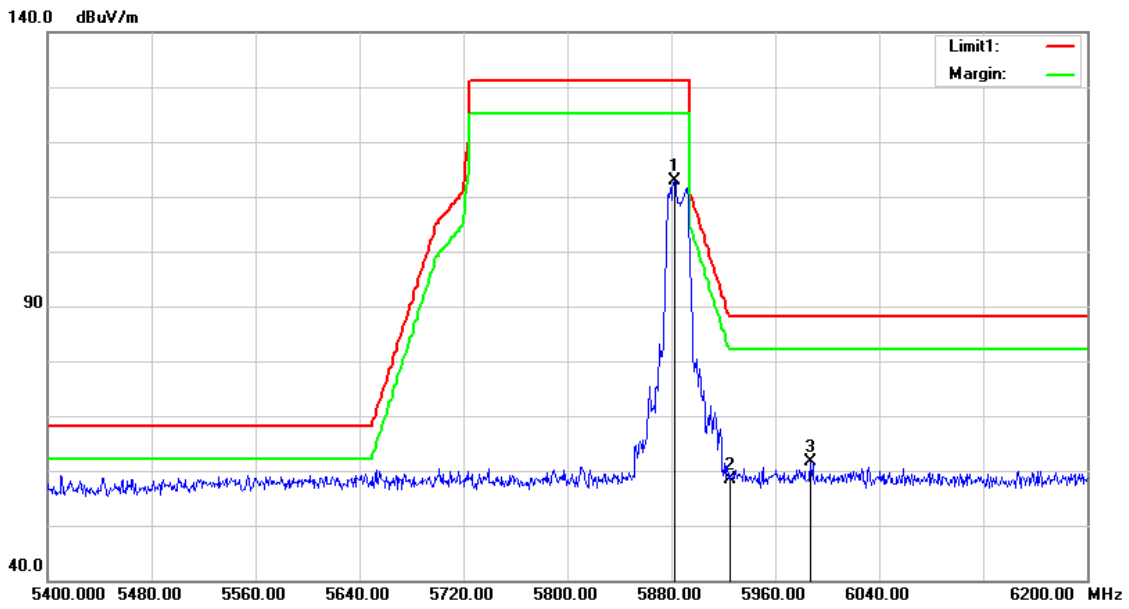
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5868.000	124.27	1.56	125.83	131.20	-5.37	peak
2	5925.000	58.49	1.72	60.21	88.20	-27.99	peak
3	5966.400	61.21	1.83	63.04	88.20	-25.16	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5885 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



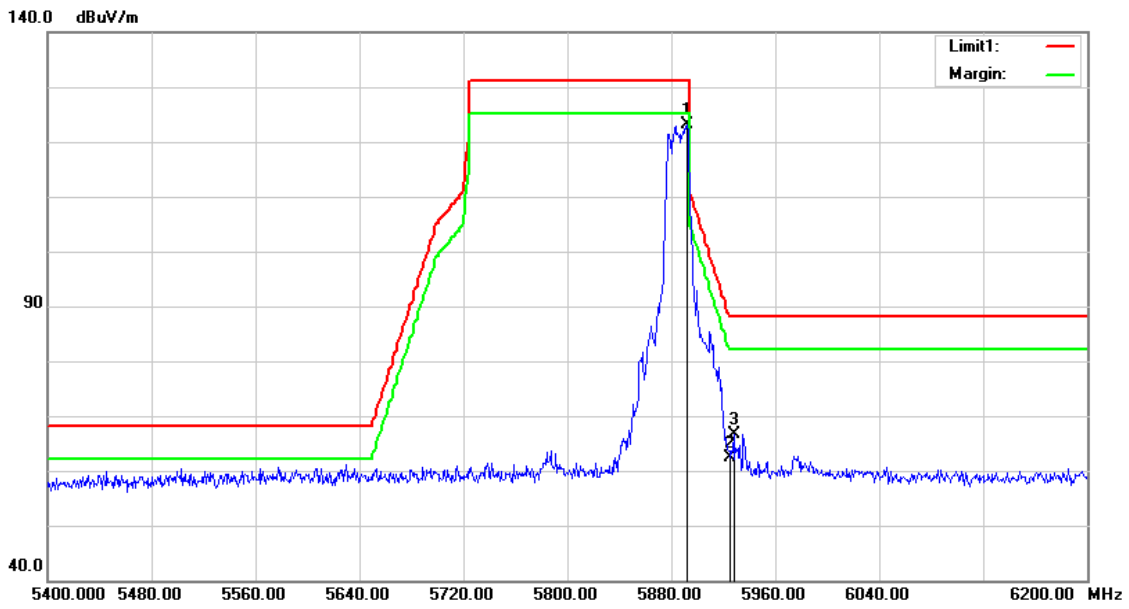
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5882.400	111.35	1.60	112.95	131.20	-18.25	peak
2	5925.000	56.74	1.72	58.46	88.20	-29.74	peak
3	5987.200	59.78	1.88	61.66	88.20	-26.54	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5885 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



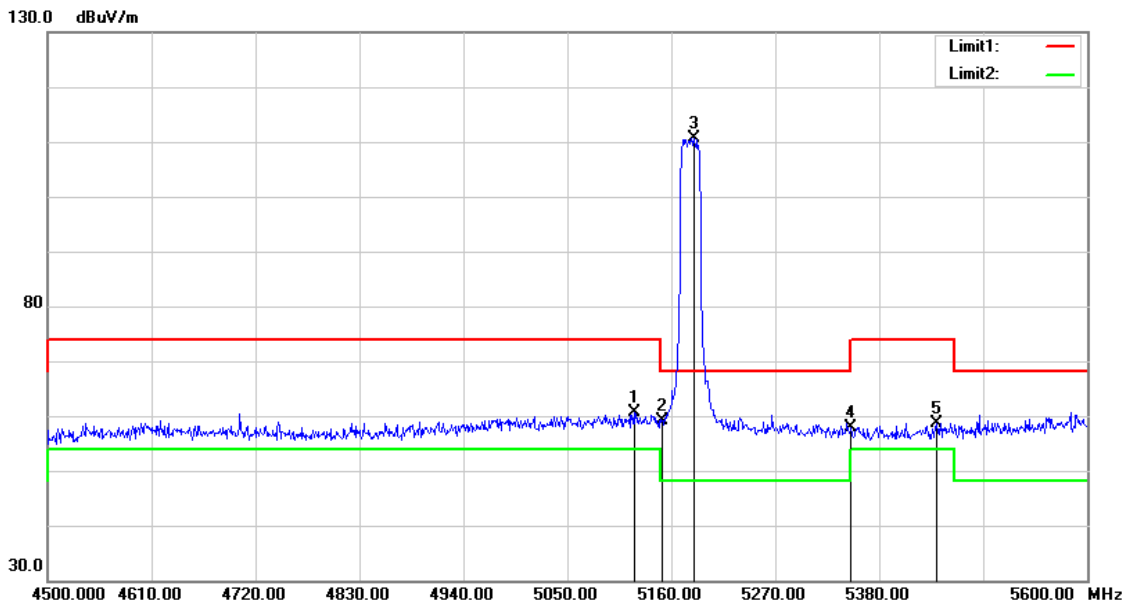
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5892.000	121.42	1.63	123.05	131.20	-8.15	peak
2	5925.000	60.71	1.72	62.43	88.20	-25.77	peak
3	5928.000	64.97	1.73	66.70	88.20	-21.50	peak

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

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

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



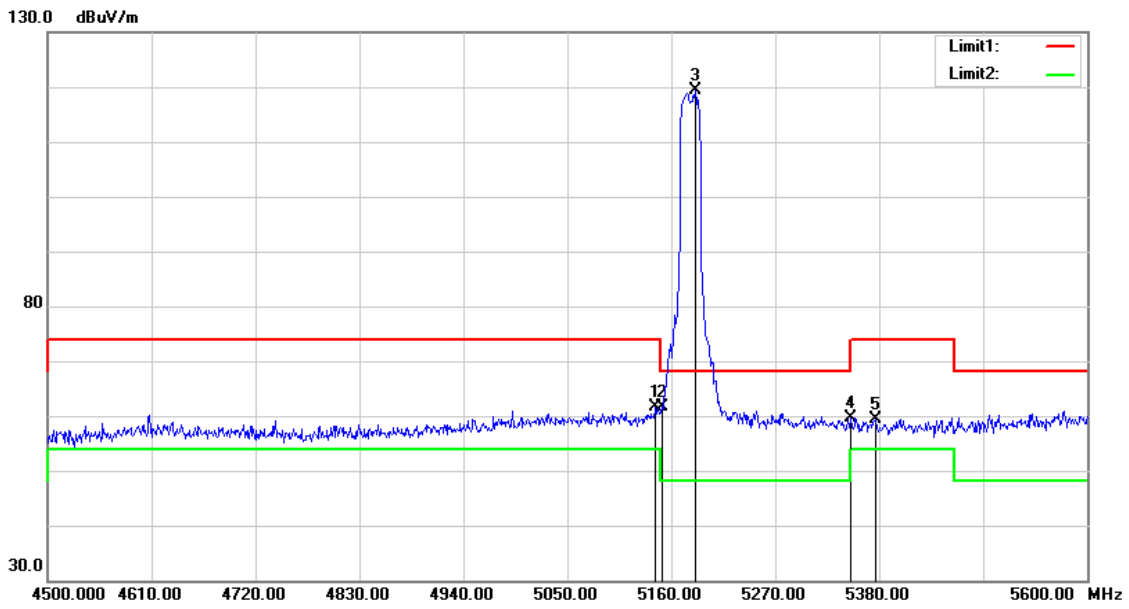
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	60.69	-0.13	60.56	74.00	-13.44	peak
2	5150.000	59.29	-0.08	59.21	74.00	-14.79	peak
3	5184.200	110.73	-0.02	110.71	68.20	42.51	peak
4	5350.000	57.48	0.30	57.78	74.00	-16.22	peak
5	5440.500	58.26	0.46	58.72	74.00	-15.28	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:	5180 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



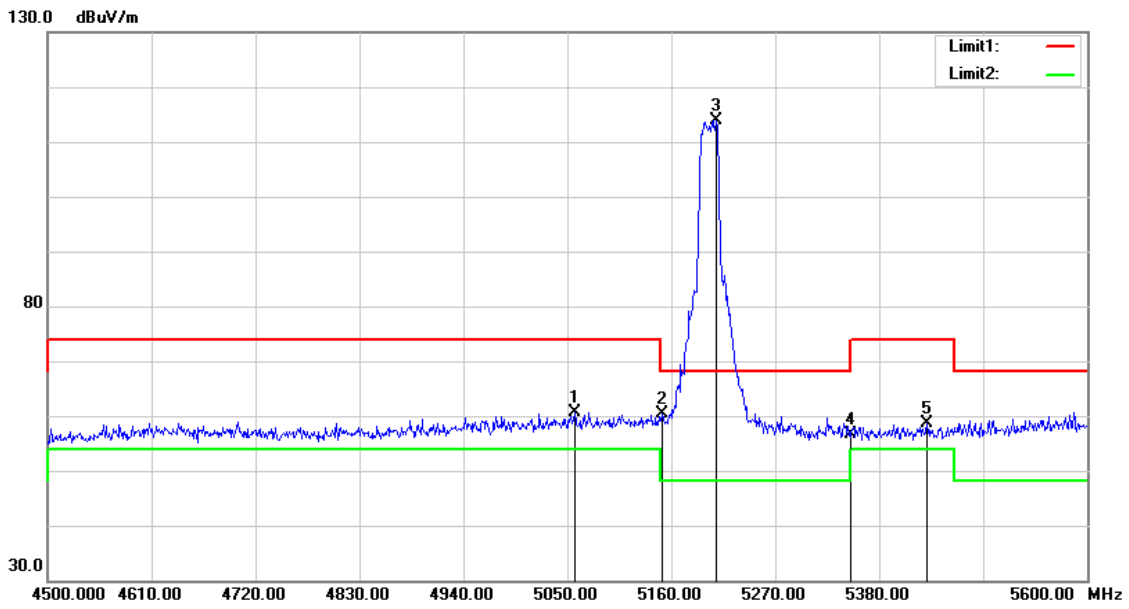
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.500	61.66	-0.10	61.56	74.00	-12.44	peak
2	5150.000	61.63	-0.08	61.55	74.00	-12.45	peak
3	5185.300	119.48	-0.01	119.47	68.20	51.27	peak
4	5350.000	59.33	0.30	59.63	74.00	-14.37	peak
5	5375.600	59.07	0.34	59.41	74.00	-14.59	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



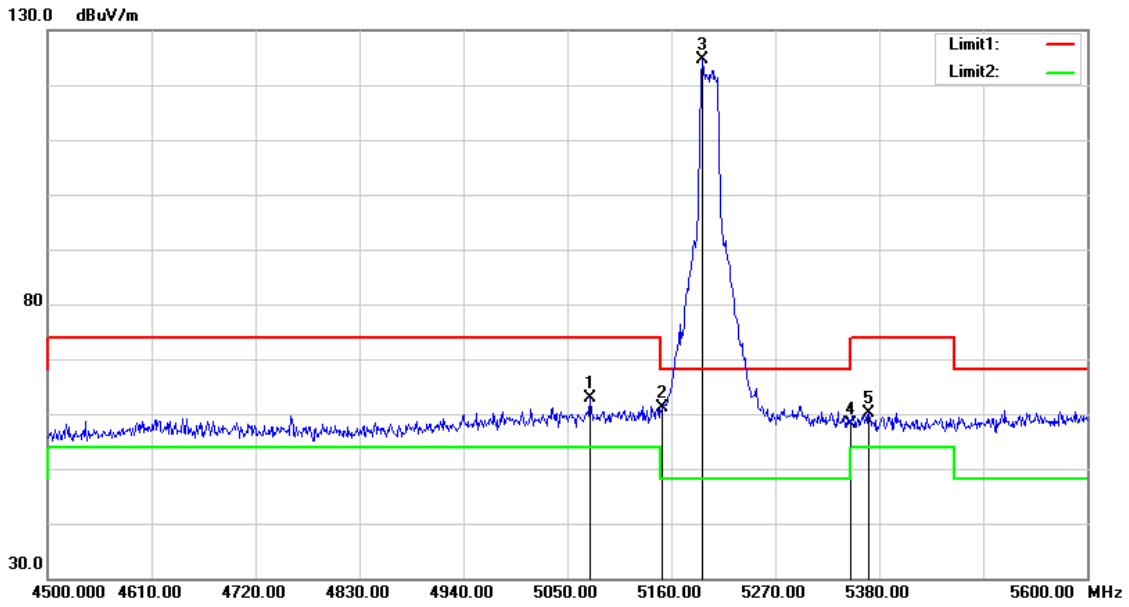
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5057.700	60.90	-0.25	60.65	74.00	-13.35	peak
2	5150.000	60.42	-0.08	60.34	74.00	-13.66	peak
3	5207.300	113.74	0.03	113.77	68.20	45.57	peak
4	5350.000	56.26	0.30	56.56	74.00	-17.44	peak
5	5430.600	58.12	0.44	58.56	74.00	-15.44	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5200 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



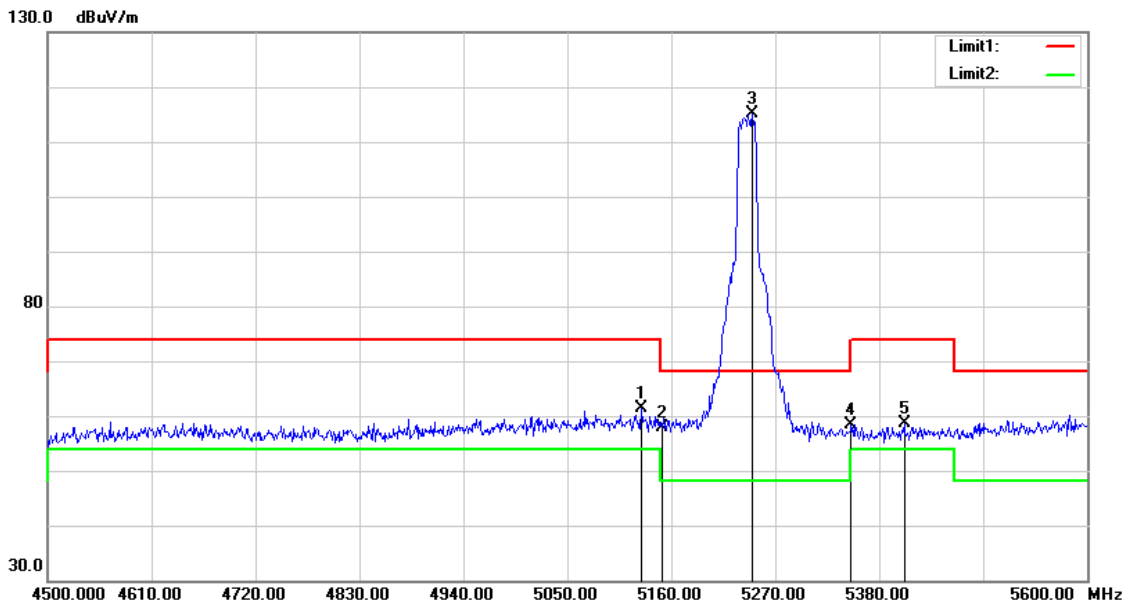
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5074.200	62.99	-0.22	62.77	74.00	-11.23	peak
2	5150.000	61.11	-0.08	61.03	74.00	-12.97	peak
3	5193.000	124.61	0.00	124.61	68.20	56.41	peak
4	5350.000	57.76	0.30	58.06	74.00	-15.94	peak
5	5369.000	59.88	0.34	60.22	74.00	-13.78	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:	5240 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



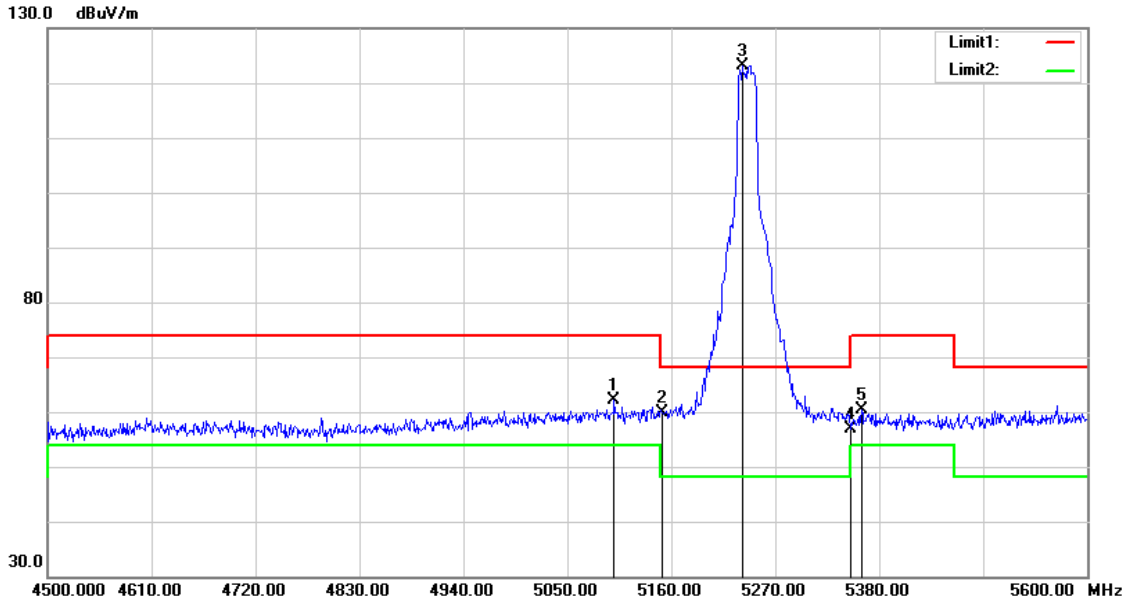
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5128.100	61.56	-0.13	61.43	74.00	-12.57	peak
2	5150.000	58.05	-0.08	57.97	74.00	-16.03	peak
3	5245.800	114.96	0.10	115.06	68.20	46.86	peak
4	5350.000	58.05	0.30	58.35	74.00	-15.65	peak
5	5406.400	58.11	0.41	58.52	74.00	-15.48	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:	Band edge		
Frequency:	5240 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



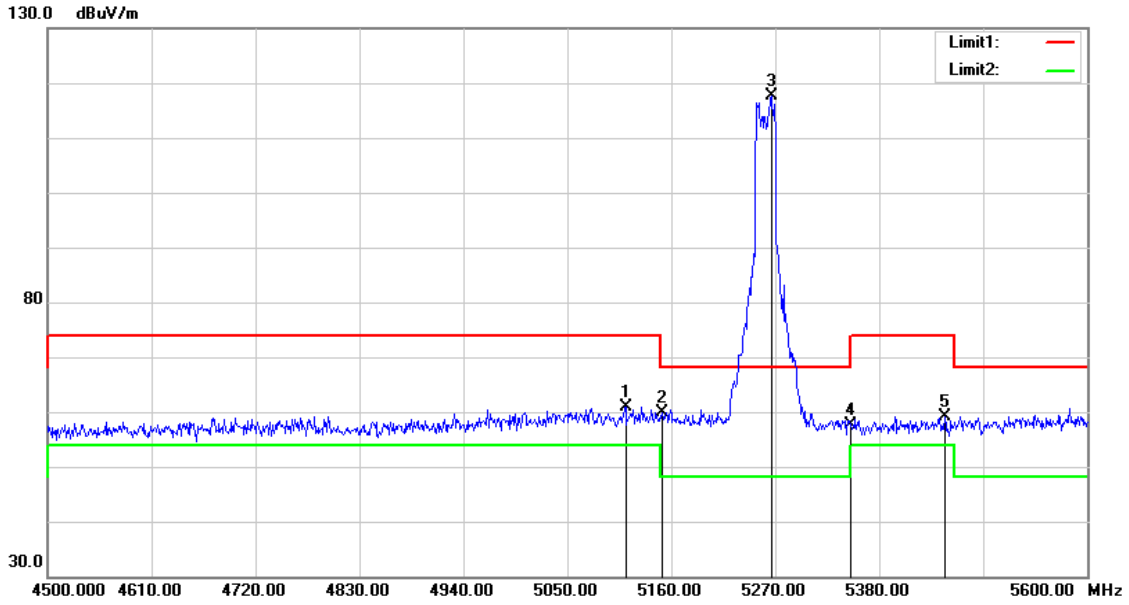
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5099.500	62.43	-0.18	62.25	74.00	-11.75	peak
2	5150.000	60.05	-0.08	59.97	74.00	-14.03	peak
3	5234.800	123.02	0.08	123.10	68.20	54.90	peak
4	5350.000	56.59	0.30	56.89	74.00	-17.11	peak
5	5361.300	59.97	0.31	60.28	74.00	-13.72	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



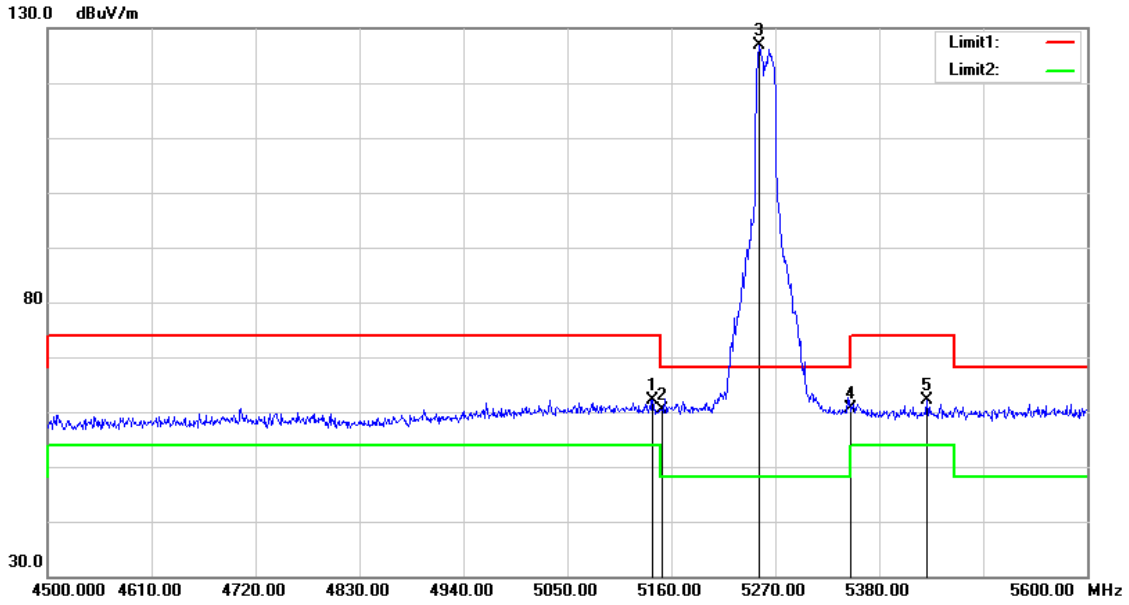
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5111.600	61.07	-0.15	60.92	74.00	-13.08	peak
2	5150.000	60.02	-0.08	59.94	74.00	-14.06	peak
3	5265.600	117.43	0.13	117.56	68.20	49.36	peak
4	5350.000	57.25	0.30	57.55	74.00	-16.45	peak
5	5449.300	58.68	0.48	59.16	74.00	-14.84	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5260 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



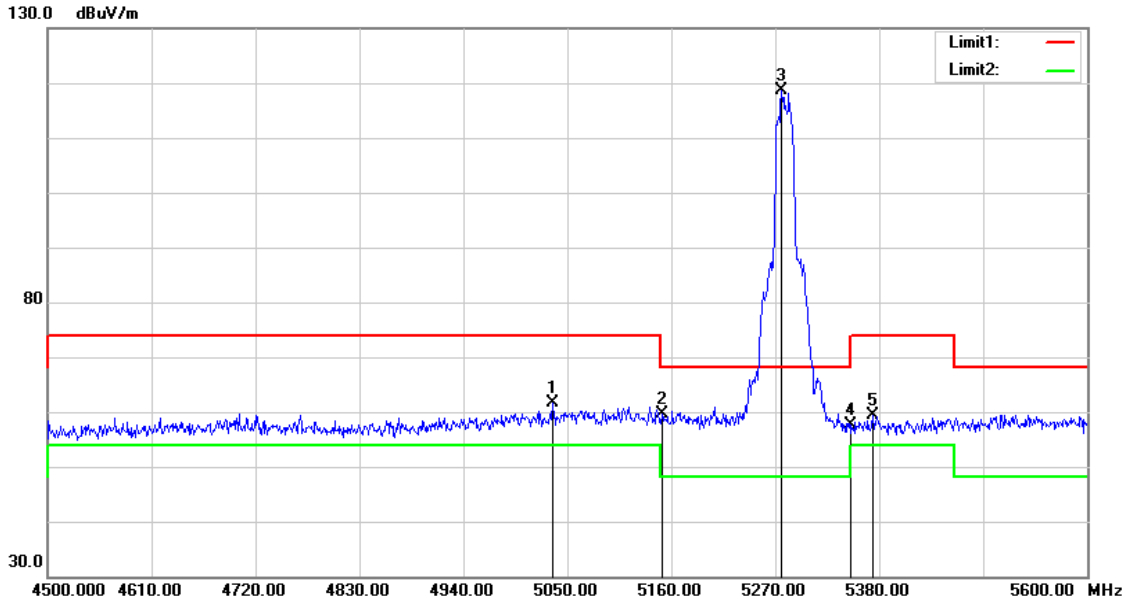
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5140.200	62.33	-0.10	62.23	74.00	-11.77	peak
2	5150.000	60.43	-0.08	60.35	74.00	-13.65	peak
3	5253.500	126.79	0.12	126.91	68.20	58.71	peak
4	5350.000	60.36	0.30	60.66	74.00	-13.34	peak
5	5430.600	61.65	0.44	62.09	74.00	-11.91	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:	5280 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



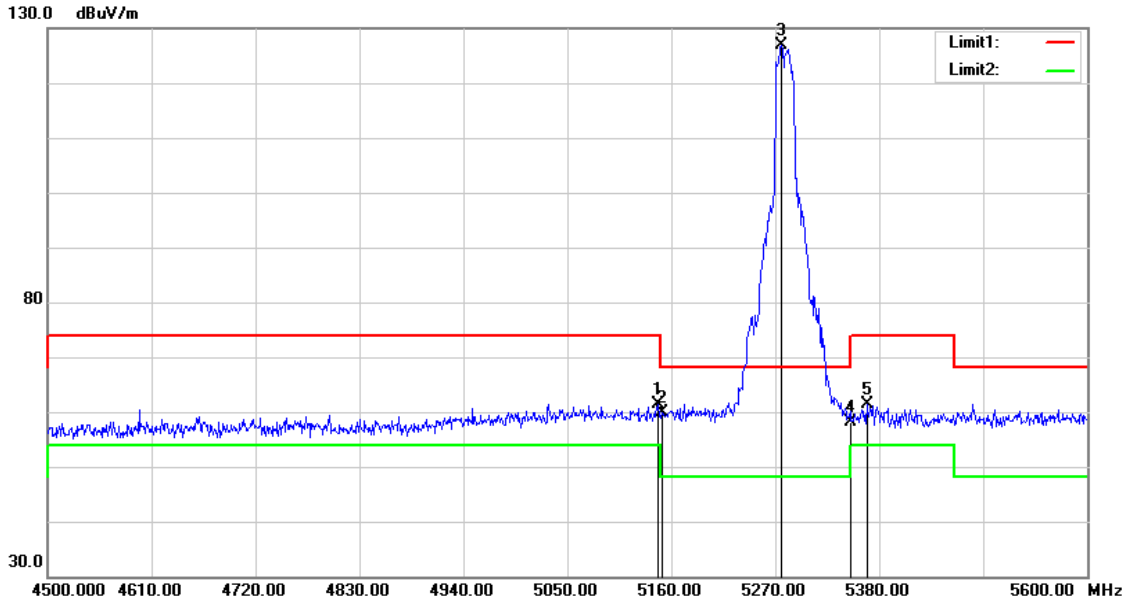
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5034.600	61.83	-0.29	61.54	74.00	-12.46	peak
2	5150.000	59.59	-0.08	59.51	74.00	-14.49	peak
3	5276.600	118.58	0.15	118.73	68.20	50.53	peak
4	5350.000	57.45	0.30	57.75	74.00	-16.25	peak
5	5373.400	59.13	0.34	59.47	74.00	-14.53	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5280 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



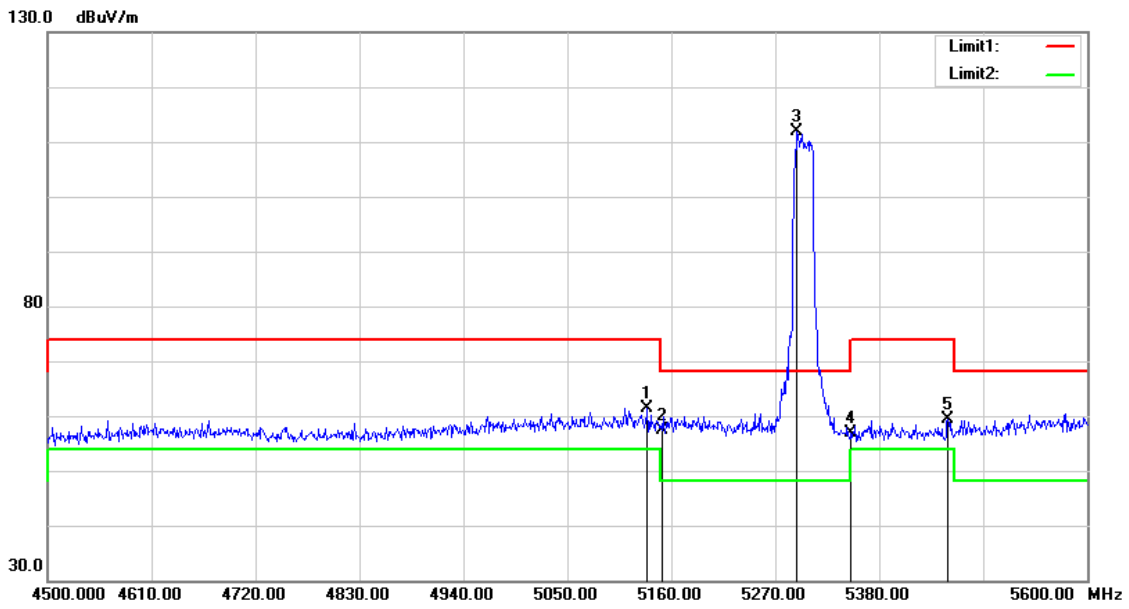
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.700	61.47	-0.08	61.39	74.00	-12.61	peak
2	5150.000	60.03	-0.08	59.95	74.00	-14.05	peak
3	5276.600	126.74	0.15	126.89	68.20	58.69	peak
4	5350.000	57.95	0.30	58.25	74.00	-15.75	peak
5	5366.800	61.03	0.32	61.35	74.00	-12.65	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:	5300 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



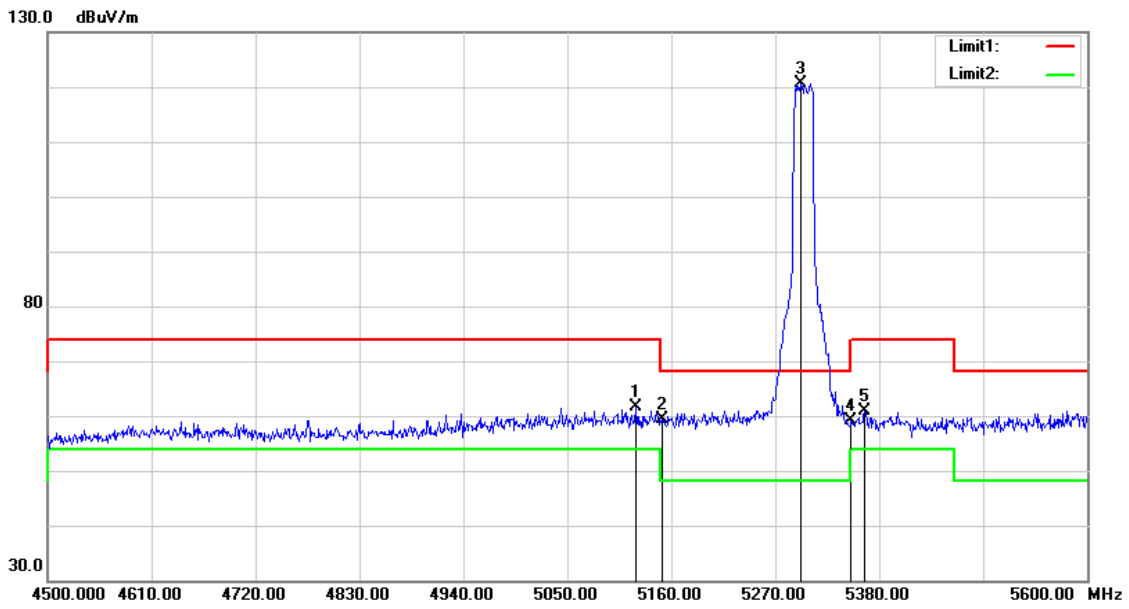
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5134.700	61.56	-0.10	61.46	74.00	-12.54	peak
2	5150.000	57.54	-0.08	57.46	74.00	-16.54	peak
3	5293.100	111.76	0.18	111.94	68.20	43.74	peak
4	5350.000	56.59	0.30	56.89	74.00	-17.11	peak
5	5452.600	58.86	0.48	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:	5300 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



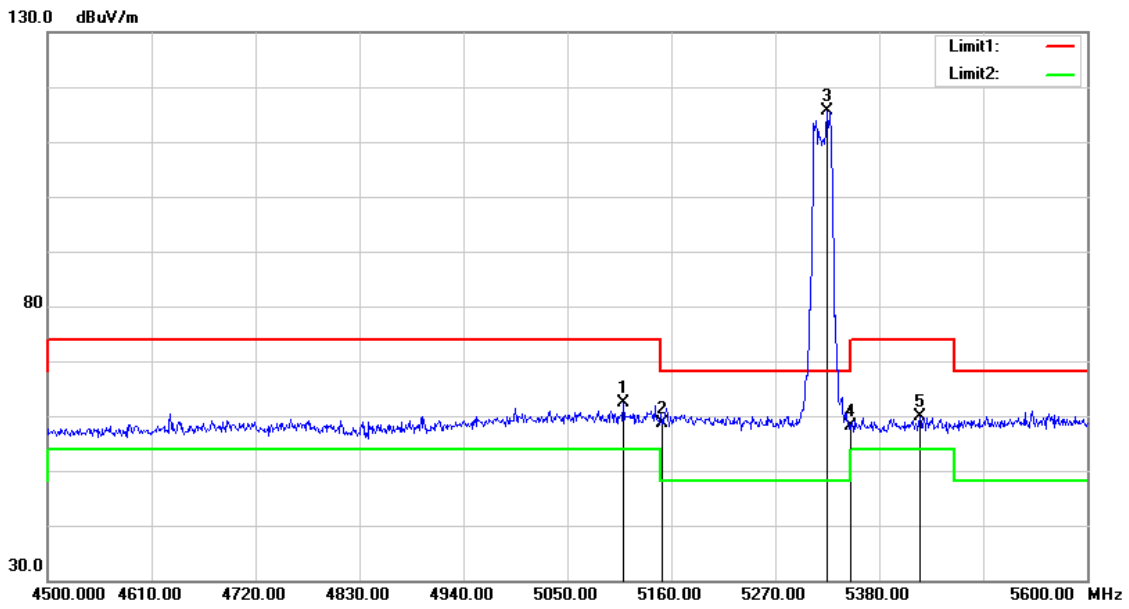
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5122.600	61.70	-0.13	61.57	74.00	-12.43	peak
2	5150.000	59.35	-0.08	59.27	74.00	-14.73	peak
3	5297.500	120.55	0.20	120.75	68.20	52.55	peak
4	5350.000	58.72	0.30	59.02	74.00	-14.98	peak
5	5364.600	60.55	0.32	60.87	74.00	-13.13	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:	5320 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



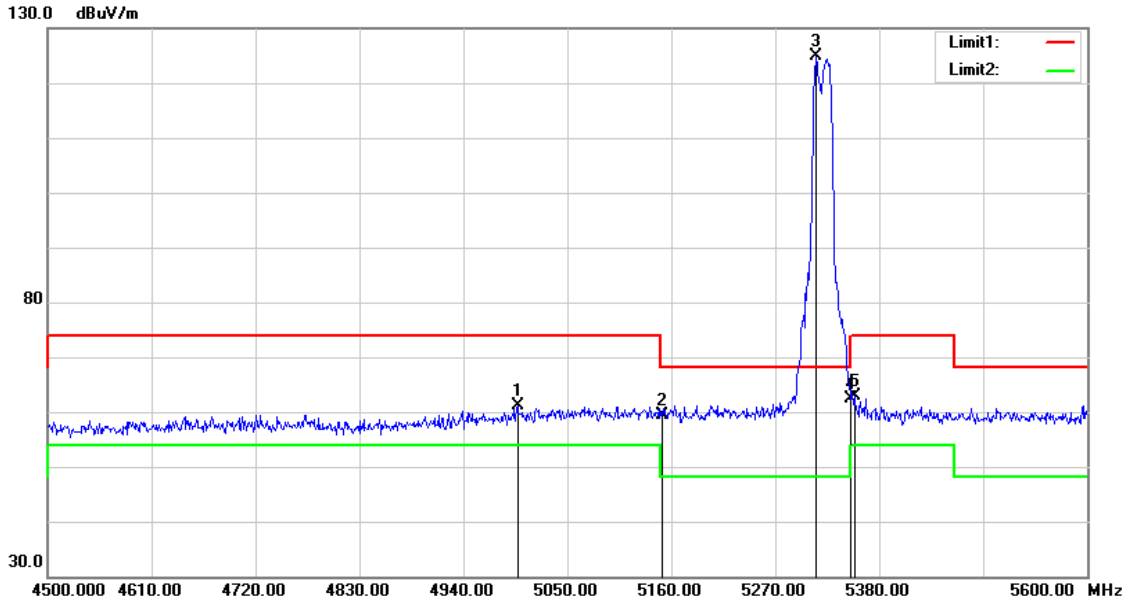
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5109.400	62.45	-0.15	62.30	74.00	-11.70	peak
2	5150.000	58.61	-0.08	58.53	74.00	-15.47	peak
3	5325.000	115.32	0.25	115.57	68.20	47.37	peak
4	5350.000	57.94	0.30	58.24	74.00	-15.76	peak
5	5422.900	59.52	0.43	59.95	74.00	-14.05	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5320 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



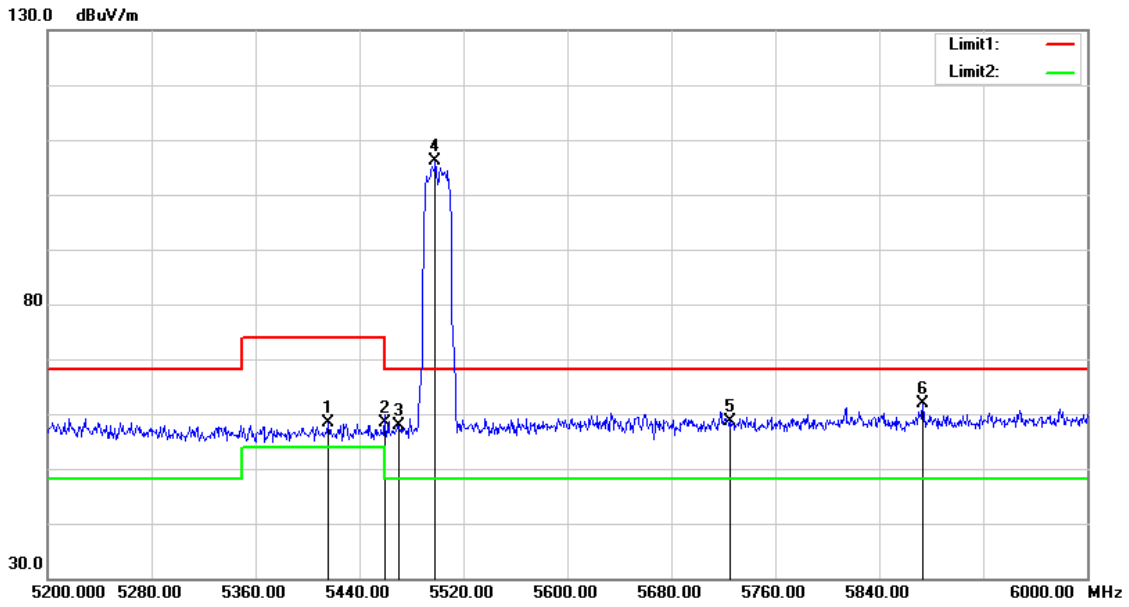
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4997.200	61.38	-0.37	61.01	74.00	-12.99	peak
2	5150.000	59.50	-0.08	59.42	74.00	-14.58	peak
3	5312.900	124.55	0.23	124.78	68.20	56.58	peak
4	5350.000	62.09	0.30	62.39	74.00	-11.61	peak
5	5353.600	62.49	0.30	62.79	74.00	-11.21	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5500 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



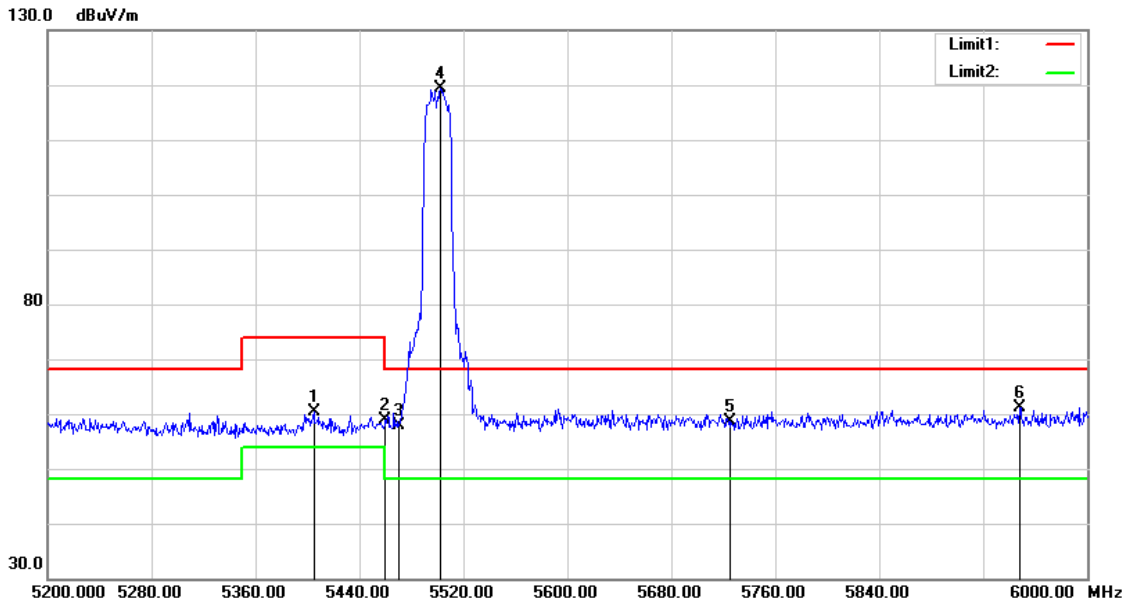
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5416.000	57.93	0.41	58.34	74.00	-15.66	peak
2	5460.000	57.92	0.51	58.43	74.00	-15.57	peak
3	5470.000	57.30	0.52	57.82	68.20	-10.38	peak
4	5498.400	105.55	0.57	106.12	68.20	37.92	peak
5	5725.000	57.45	1.18	58.63	68.20	-9.57	peak
6	5873.600	60.21	1.58	61.79	68.20	-6.41	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:	5500 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



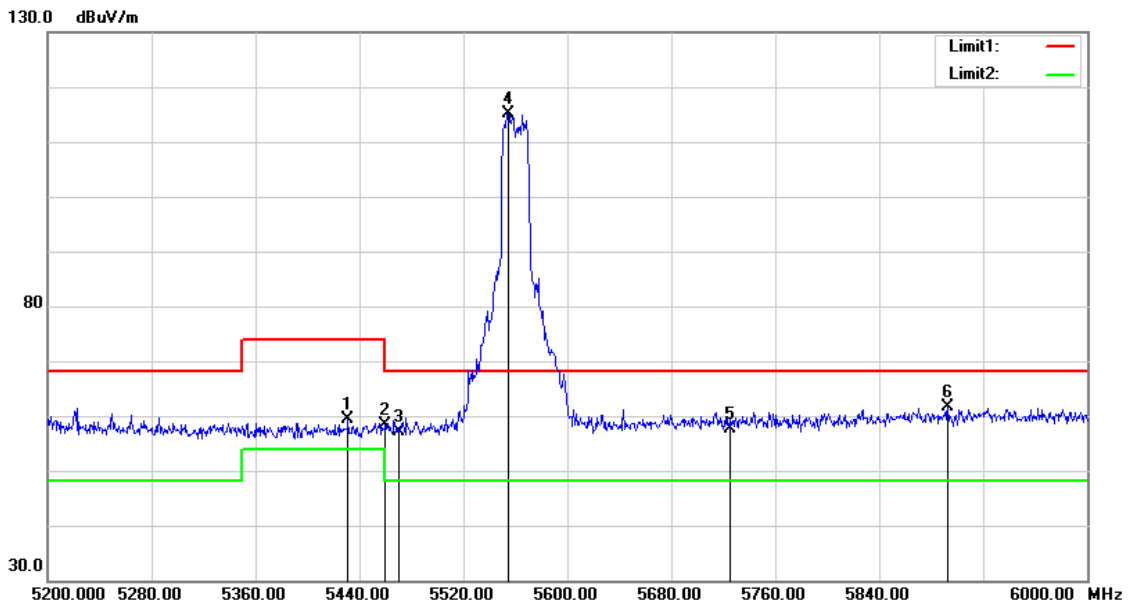
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5404.800	59.91	0.40	60.31	74.00	-13.69	peak
2	5460.000	58.40	0.51	58.91	74.00	-15.09	peak
3	5470.000	57.36	0.52	57.88	68.20	-10.32	peak
4	5502.400	118.84	0.58	119.42	68.20	51.22	peak
5	5725.000	57.42	1.18	58.60	68.20	-9.60	peak
6	5948.000	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:	5560 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



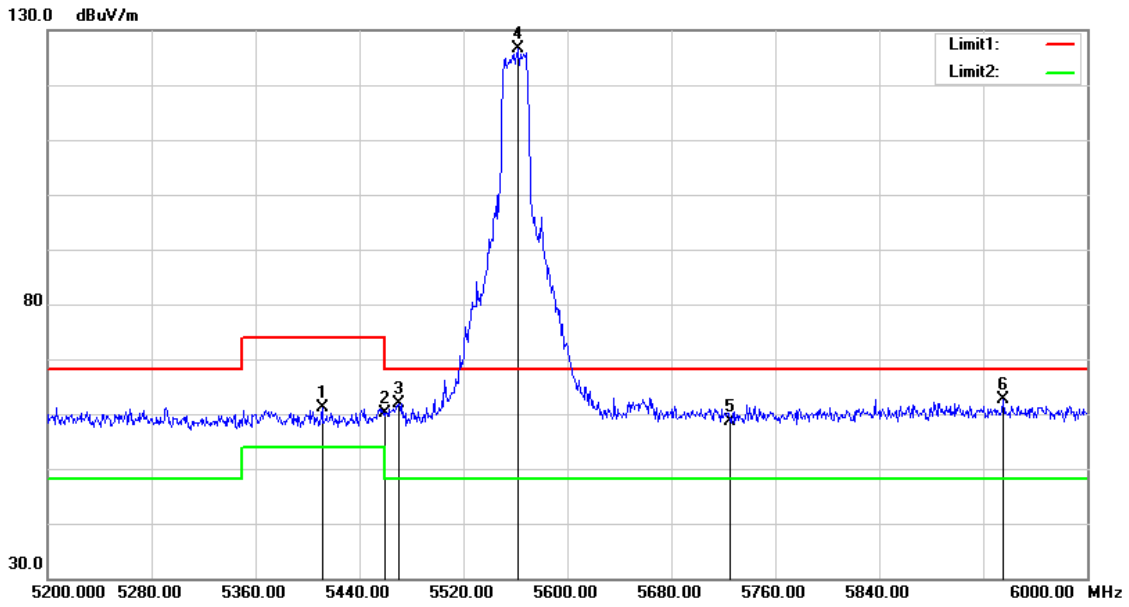
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5431.200	58.88	0.44	59.32	74.00	-14.68	peak
2	5460.000	57.77	0.51	58.28	74.00	-15.72	peak
3	5470.000	56.58	0.52	57.10	68.20	-11.10	peak
4	5554.400	114.48	0.72	115.20	68.20	47.00	peak
5	5725.000	56.44	1.18	57.62	68.20	-10.58	peak
6	5892.800	60.05	1.63	61.68	68.20	-6.52	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5560 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



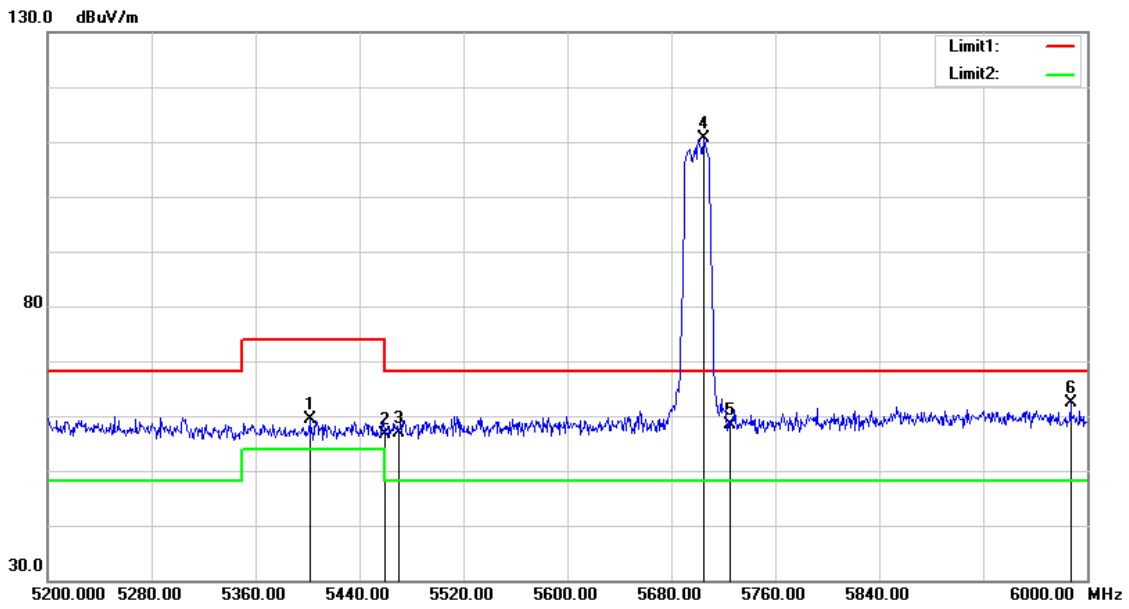
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5411.200	60.76	0.41	61.17	74.00	-12.83	peak
2	5460.000	59.52	0.51	60.03	74.00	-13.97	peak
3	5470.000	61.43	0.52	61.95	68.20	-6.25	peak
4	5562.400	125.77	0.74	126.51	68.20	58.31	peak
5	5725.000	57.53	1.18	58.71	68.20	-9.49	peak
6	5935.200	60.90	1.74	62.64	68.20	-5.56	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5700 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



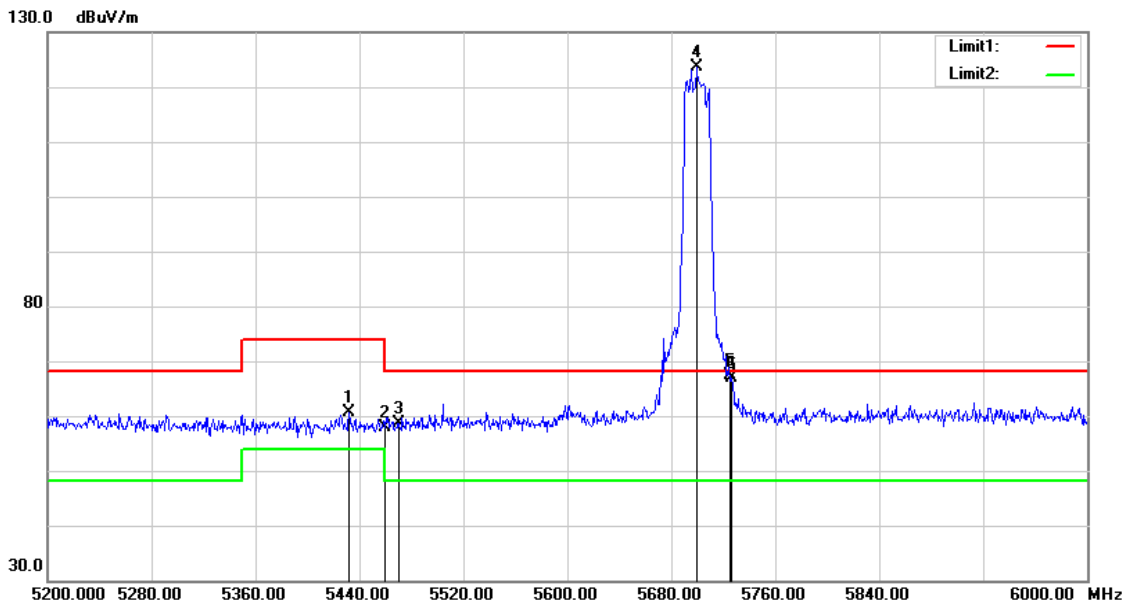
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5401.600	59.07	0.39	59.46	74.00	-14.54	peak
2	5460.000	56.20	0.51	56.71	74.00	-17.29	peak
3	5470.000	56.24	0.52	56.76	68.20	-11.44	peak
4	5704.800	109.60	1.13	110.73	68.20	42.53	peak
5	5725.000	57.30	1.18	58.48	68.20	-9.72	peak
6	5987.200	60.52	1.88	62.40	68.20	-5.80	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:	5700 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



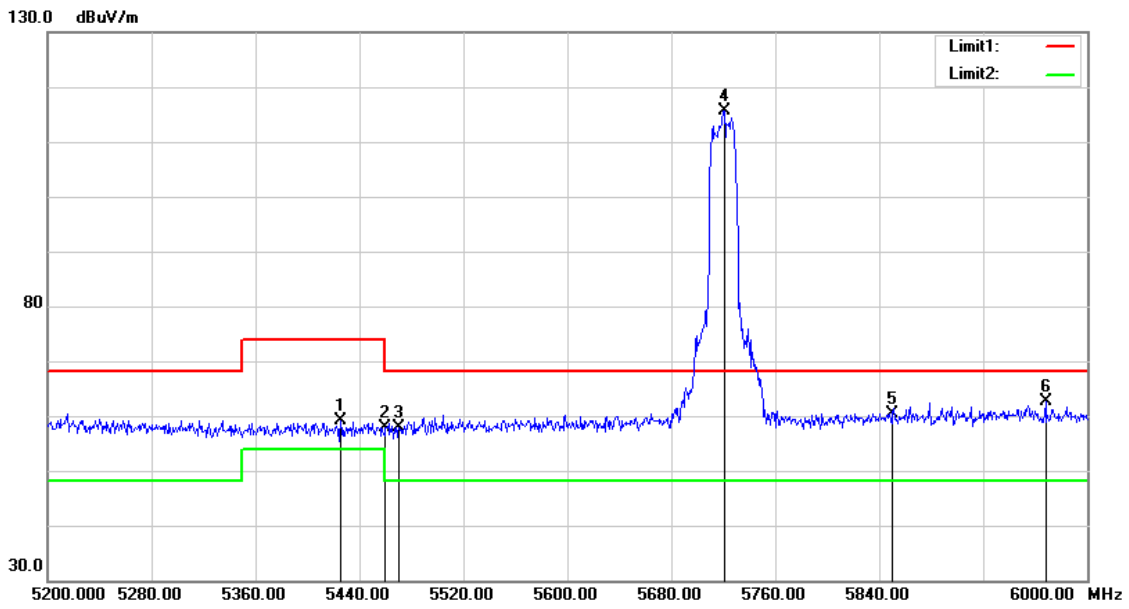
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5432.000	60.09	0.46	60.55	74.00	-13.45	peak
2	5460.000	57.45	0.51	57.96	74.00	-16.04	peak
3	5470.000	58.08	0.52	58.60	68.20	-9.60	peak
4	5699.200	122.54	1.11	123.65	68.20	55.45	peak
5	5725.000	66.23	1.18	67.41	68.20	-0.79	peak
6	5726.400	65.58	1.18	66.76	68.20	-1.44	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5720 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



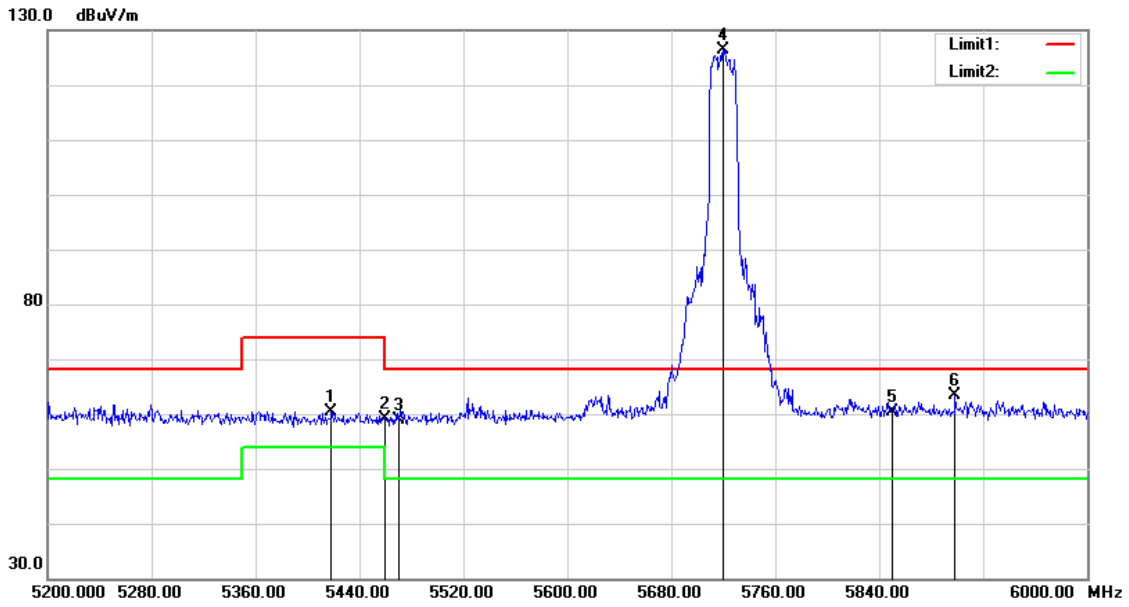
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5425.600	58.67	0.43	59.10	74.00	-14.90	peak
2	5460.000	57.37	0.51	57.88	74.00	-16.12	peak
3	5470.000	57.30	0.52	57.82	68.20	-10.38	peak
4	5720.800	114.52	1.17	115.69	68.20	47.49	peak
5	5850.000	58.85	1.52	60.37	68.20	-7.83	peak
6	5968.000	60.81	1.84	62.65	68.20	-5.55	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:	5720 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



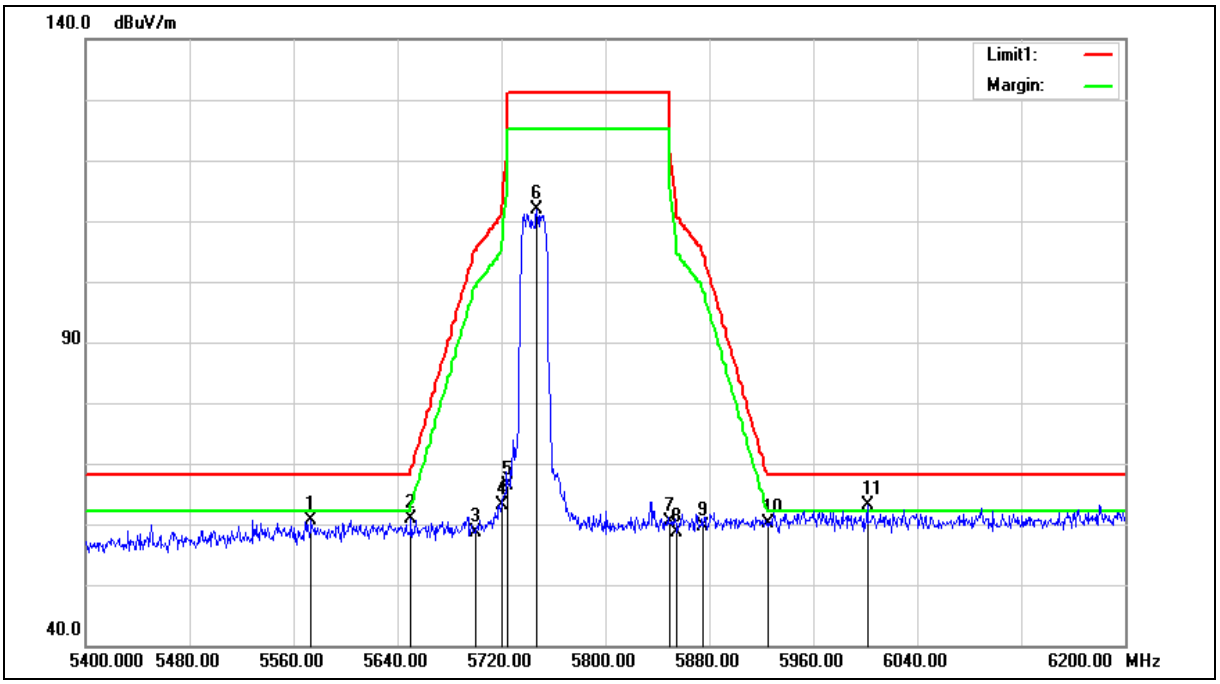
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5418.400	59.94	0.42	60.36	74.00	-13.64	peak
2	5460.000	58.60	0.51	59.11	74.00	-14.89	peak
3	5470.000	58.29	0.52	58.81	68.20	-9.39	peak
4	5720.000	125.26	1.17	126.43	68.20	58.23	peak
5	5850.000	58.91	1.52	60.43	68.20	-7.77	peak
6	5898.400	61.71	1.65	63.36	68.20	-4.84	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

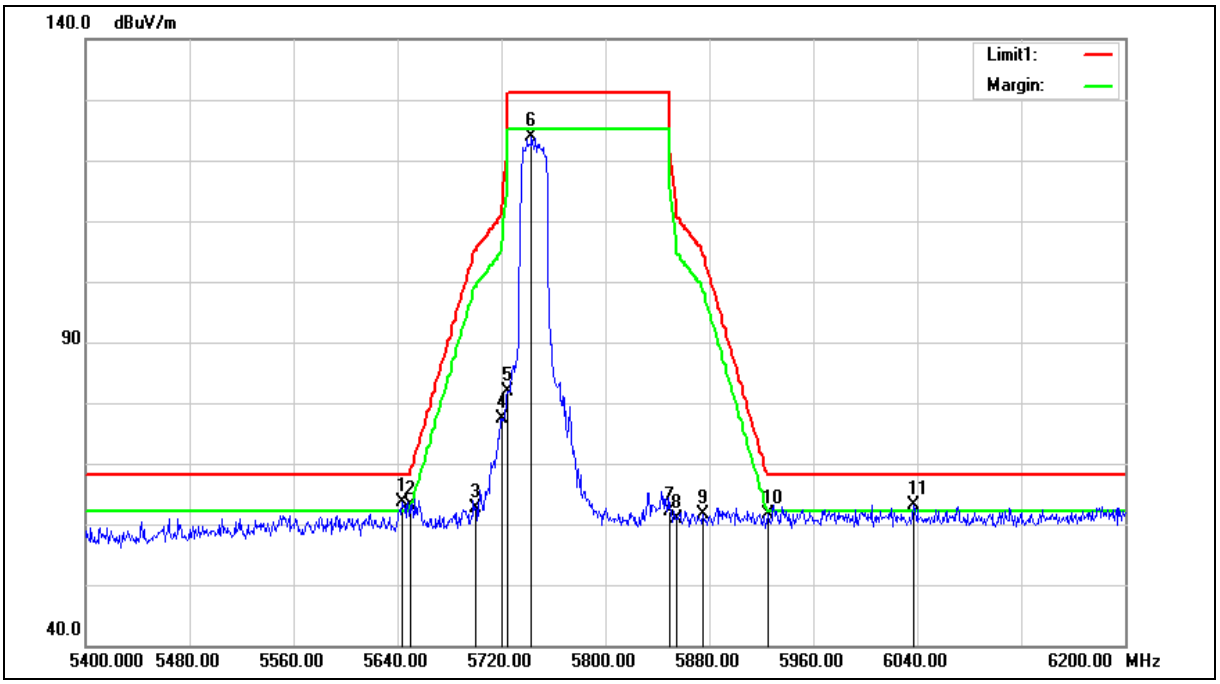
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5573.600	59.90	0.78	60.68	68.20	-7.52	peak
2	5650.000	59.93	0.97	60.90	68.20	-7.30	peak
3	5700.000	57.41	1.11	58.52	105.20	-46.68	peak
4	5720.000	61.95	1.17	63.12	110.80	-47.68	peak
5	5725.000	65.23	1.18	66.41	122.20	-55.79	peak
6	5747.200	110.68	1.25	111.93	131.20	-19.27	peak
7	5850.000	58.75	1.52	60.27	122.20	-61.93	peak
8	5855.000	57.07	1.53	58.60	110.80	-52.20	peak
9	5875.000	58.12	1.59	59.71	105.20	-45.49	peak
10	5925.000	58.48	1.72	60.20	68.20	-8.00	peak
11	6001.600	61.22	1.92	63.14	68.20	-5.06	peak

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

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

3.When the peak results are 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 9		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5745 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

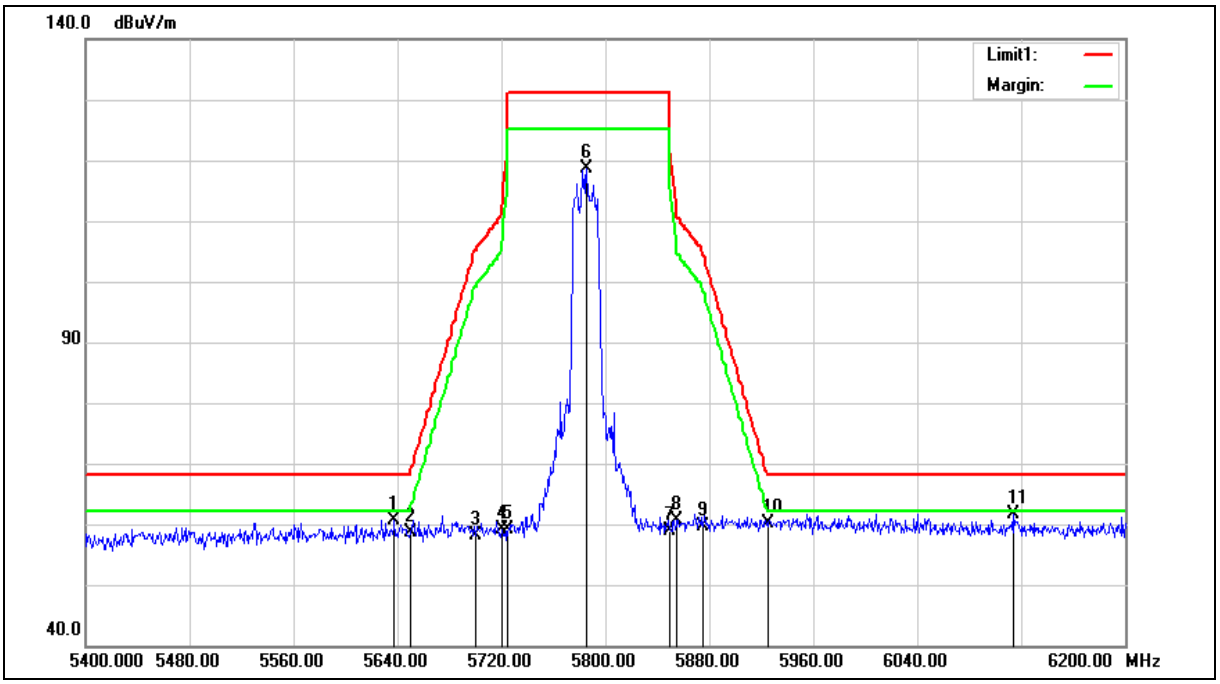
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.000	62.74	0.96	63.70	68.20	-4.50	peak
2	5650.000	62.08	0.97	63.05	68.20	-5.15	peak
3	5700.000	61.52	1.11	62.63	105.20	-42.57	peak
4	5720.000	76.22	1.17	77.39	110.80	-33.41	peak
5	5725.000	80.71	1.18	81.89	122.20	-40.31	peak
6	5743.200	122.75	1.22	123.97	131.20	-7.23	peak
7	5850.000	60.58	1.52	62.10	122.20	-60.10	peak
8	5855.000	59.24	1.53	60.77	110.80	-50.03	peak
9	5875.000	59.93	1.59	61.52	105.20	-43.68	peak
10	5925.000	59.96	1.72	61.68	68.20	-6.52	peak
11	6036.800	61.15	2.07	63.22	68.20	-4.98	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:	5785 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

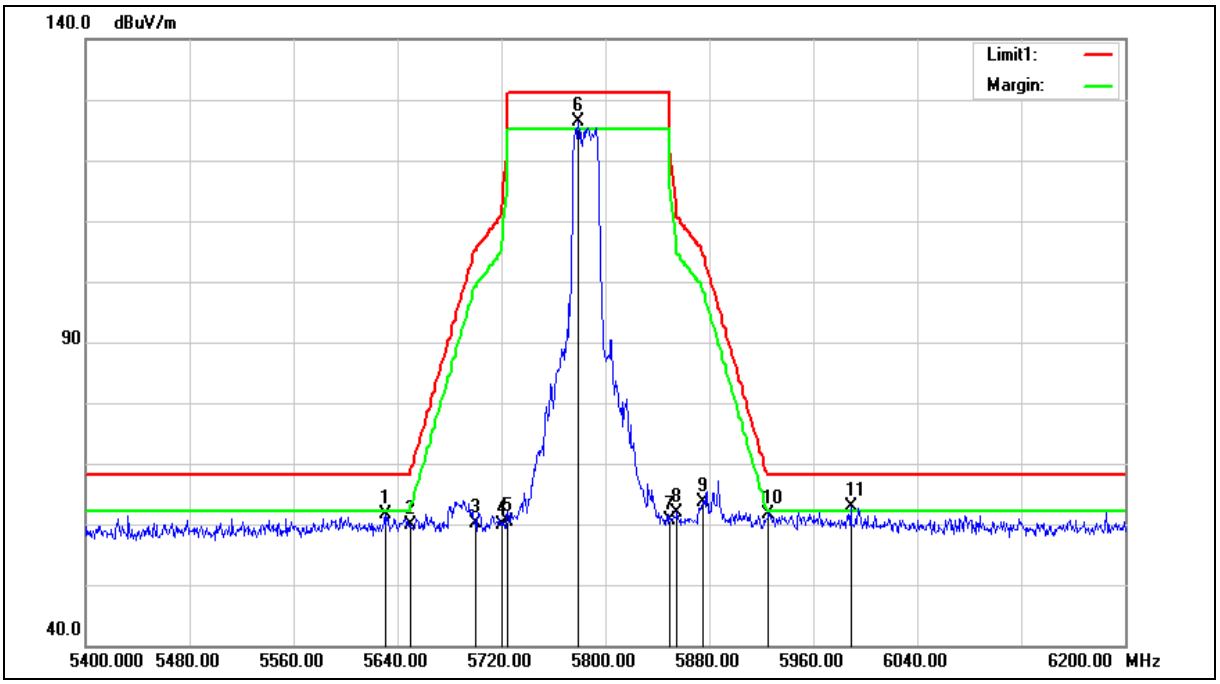
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5637.600	59.74	0.95	60.69	68.20	-7.51	peak
2	5650.000	57.55	0.97	58.52	68.20	-9.68	peak
3	5700.000	57.06	1.11	58.17	105.20	-47.03	peak
4	5720.000	57.96	1.17	59.13	110.80	-51.67	peak
5	5725.000	57.92	1.18	59.10	122.20	-63.10	peak
6	5785.600	117.40	1.34	118.74	131.20	-12.46	peak
7	5850.000	57.30	1.52	58.82	122.20	-63.38	peak
8	5855.000	59.19	1.53	60.72	110.80	-50.08	peak
9	5875.000	57.95	1.59	59.54	105.20	-45.66	peak
10	5925.000	58.40	1.72	60.12	68.20	-8.08	peak
11	6113.600	59.27	2.36	61.63	68.20	-6.57	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5785 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

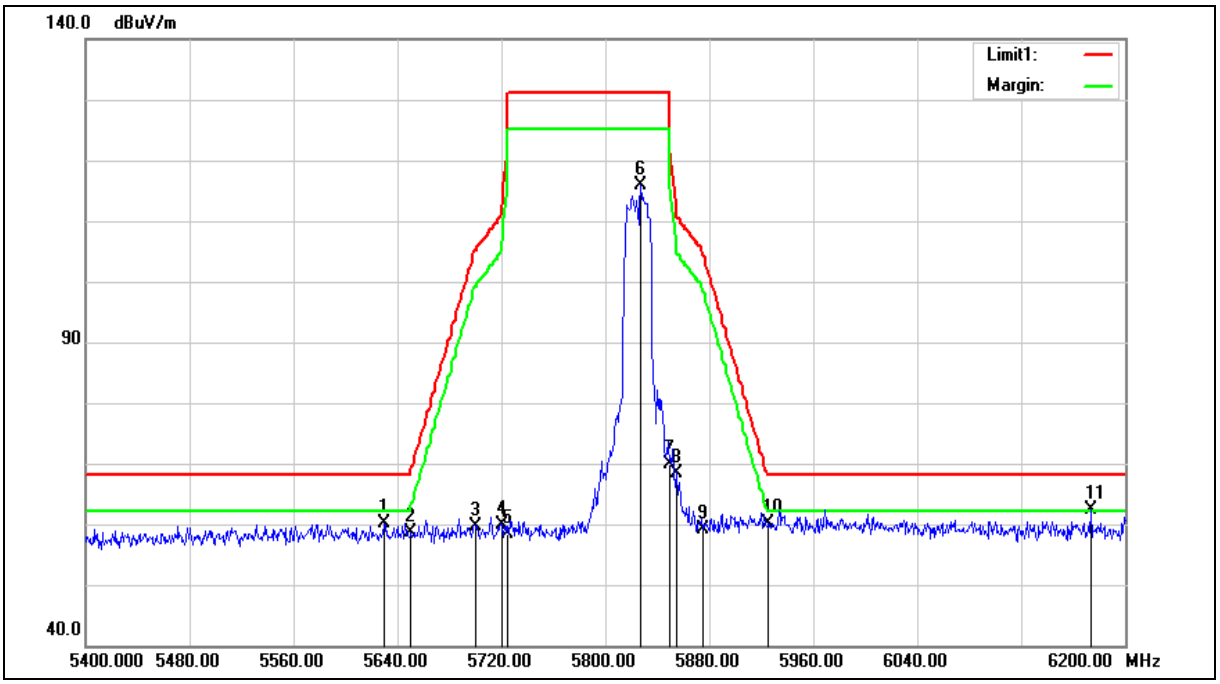
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5630.400	60.62	0.93	61.55	68.20	-6.65	peak
2	5650.000	58.84	0.97	59.81	68.20	-8.39	peak
3	5700.000	59.04	1.11	60.15	105.20	-45.05	peak
4	5720.000	58.61	1.17	59.78	110.80	-51.02	peak
5	5725.000	59.11	1.18	60.29	122.20	-61.91	peak
6	5779.200	125.01	1.33	126.34	131.20	-4.86	peak
7	5850.000	59.04	1.52	60.56	122.20	-61.64	peak
8	5855.000	60.47	1.53	62.00	110.80	-48.80	peak
9	5875.000	61.99	1.59	63.58	105.20	-41.62	peak
10	5925.000	59.90	1.72	61.62	68.20	-6.58	peak
11	5988.800	60.95	1.89	62.84	68.20	-5.36	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

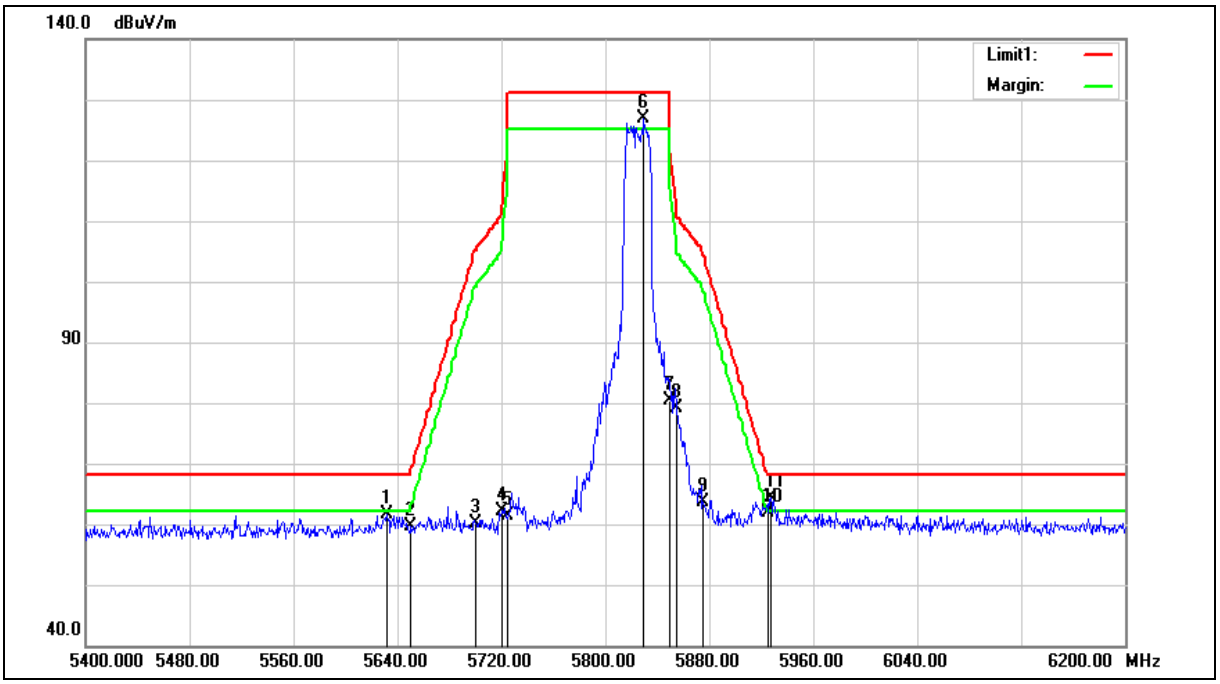
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5629.600	59.25	0.93	60.18	68.20	-8.02	peak
2	5650.000	57.68	0.97	58.65	68.20	-9.55	peak
3	5700.000	58.45	1.11	59.56	105.20	-45.64	peak
4	5720.000	58.63	1.17	59.80	110.80	-51.00	peak
5	5725.000	57.30	1.18	58.48	122.20	-63.72	peak
6	5827.200	114.36	1.45	115.81	131.20	-15.39	peak
7	5850.000	68.44	1.52	69.96	122.20	-52.24	peak
8	5855.000	66.91	1.53	68.44	110.80	-42.36	peak
9	5875.000	57.62	1.59	59.21	105.20	-45.99	peak
10	5925.000	58.40	1.72	60.12	68.20	-8.08	peak
11	6173.600	59.73	2.58	62.31	68.20	-5.89	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5825 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

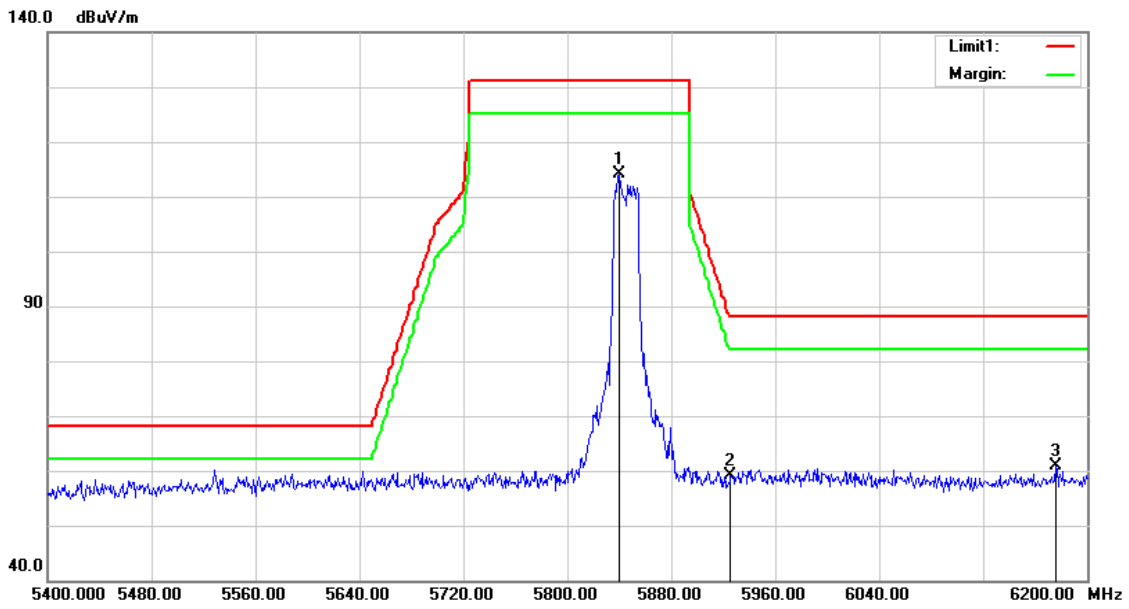
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5632.000	60.79	0.93	61.72	68.20	-6.48	peak
2	5650.000	58.57	0.97	59.54	68.20	-8.66	peak
3	5700.000	58.96	1.11	60.07	105.20	-45.13	peak
4	5720.000	60.92	1.17	62.09	110.80	-48.71	peak
5	5725.000	60.31	1.18	61.49	122.20	-60.71	peak
6	5829.600	125.30	1.47	126.77	131.20	-4.43	peak
7	5850.000	78.93	1.52	80.45	122.20	-41.75	peak
8	5855.000	77.52	1.53	79.05	110.80	-31.75	peak
9	5875.000	62.07	1.59	63.66	105.20	-41.54	peak
10	5925.000	60.18	1.72	61.90	68.20	-6.30	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.

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5845 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



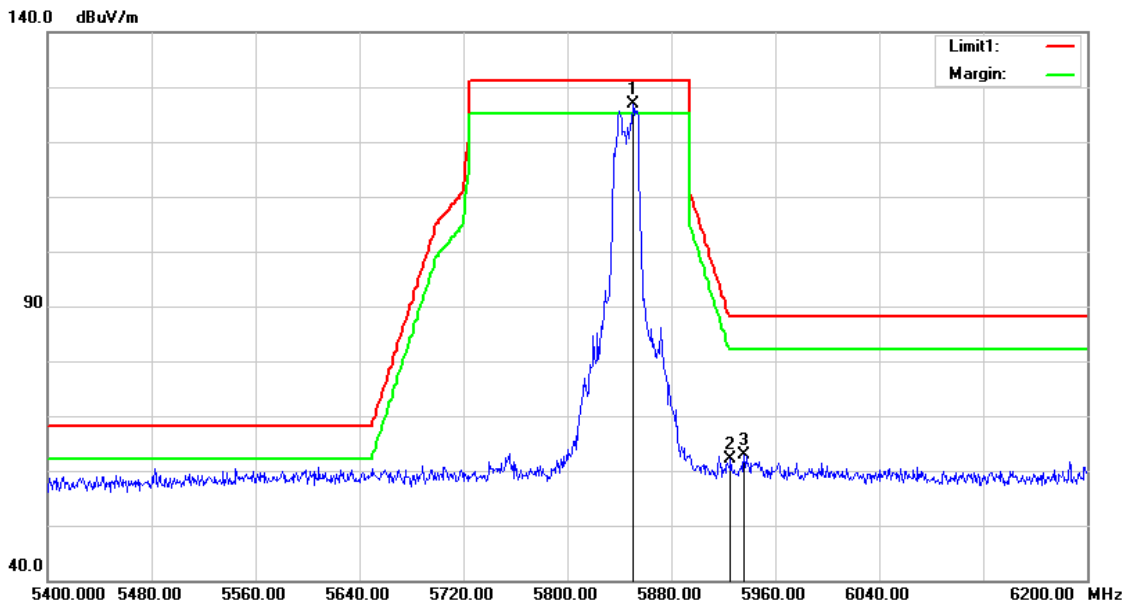
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5840.000	112.66	1.49	114.15	131.20	-17.05	peak
2	5925.000	57.49	1.72	59.21	88.20	-28.99	peak
3	6176.000	58.24	2.59	60.83	88.20	-27.37	peak

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:	5845 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



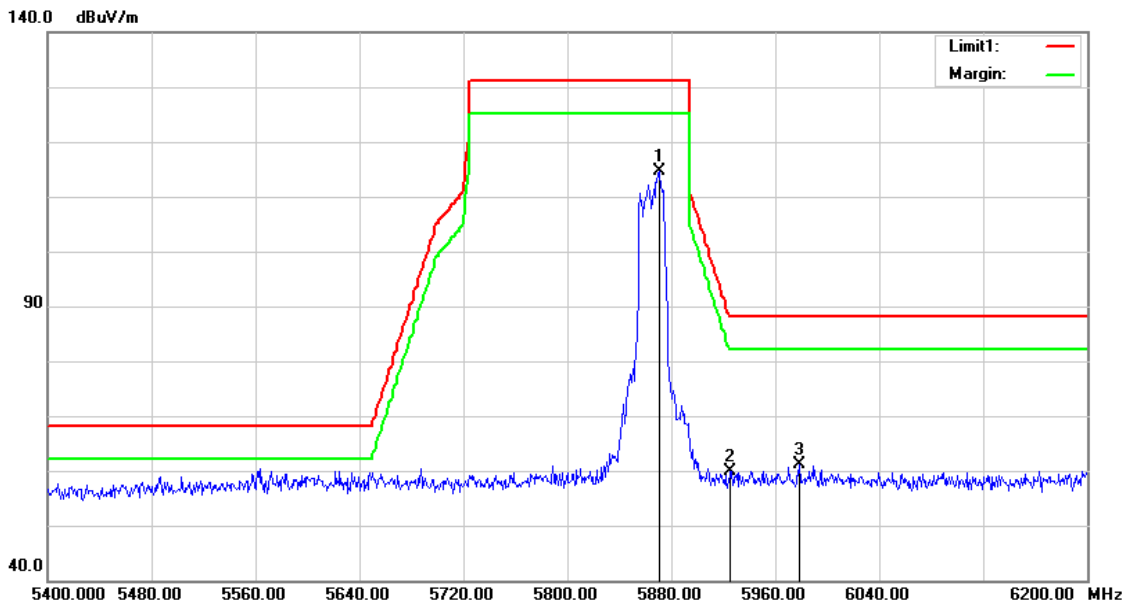
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.400	125.35	1.52	126.87	131.20	-4.33	peak
2	5925.000	60.31	1.72	62.03	88.20	-26.17	peak
3	5936.000	61.19	1.74	62.93	88.20	-25.27	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5865 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



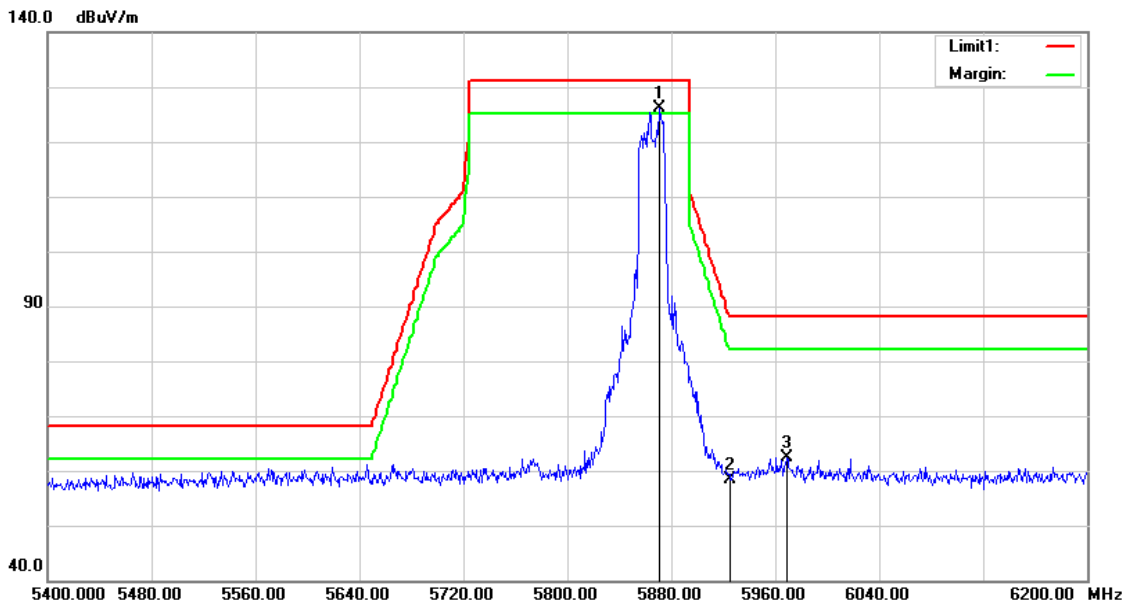
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5870.400	113.00	1.57	114.57	131.20	-16.63	peak
2	5925.000	58.16	1.72	59.88	88.20	-28.32	peak
3	5978.400	59.36	1.85	61.21	88.20	-26.99	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5865 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



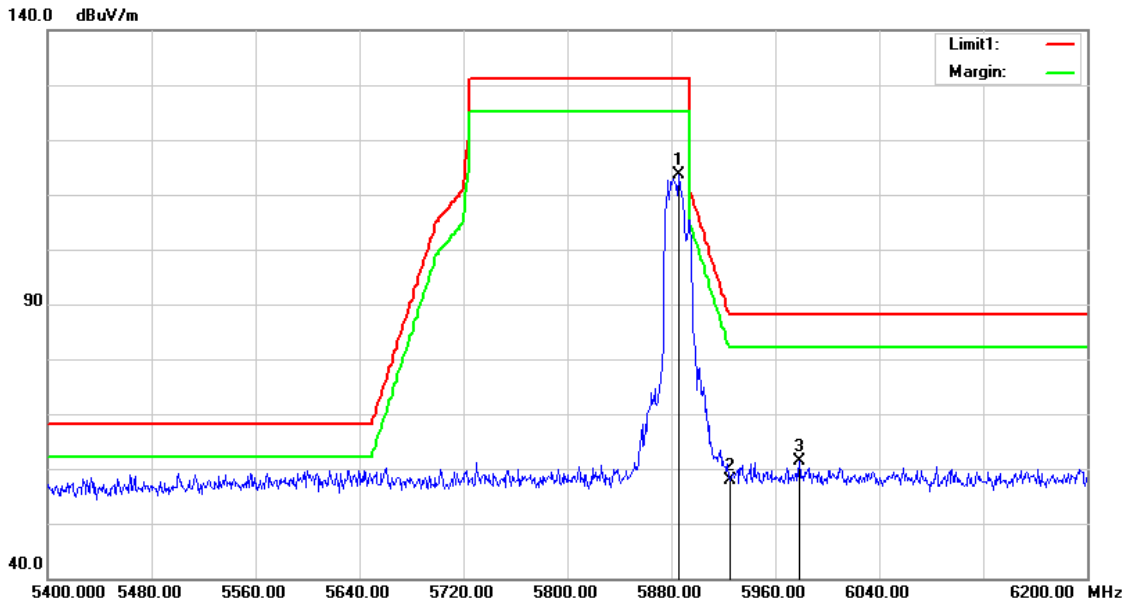
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5871.200	124.57	1.58	126.15	131.20	-5.05	peak
2	5925.000	56.61	1.72	58.33	88.20	-29.87	peak
3	5968.800	60.56	1.84	62.40	88.20	-25.80	peak

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:	5885 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



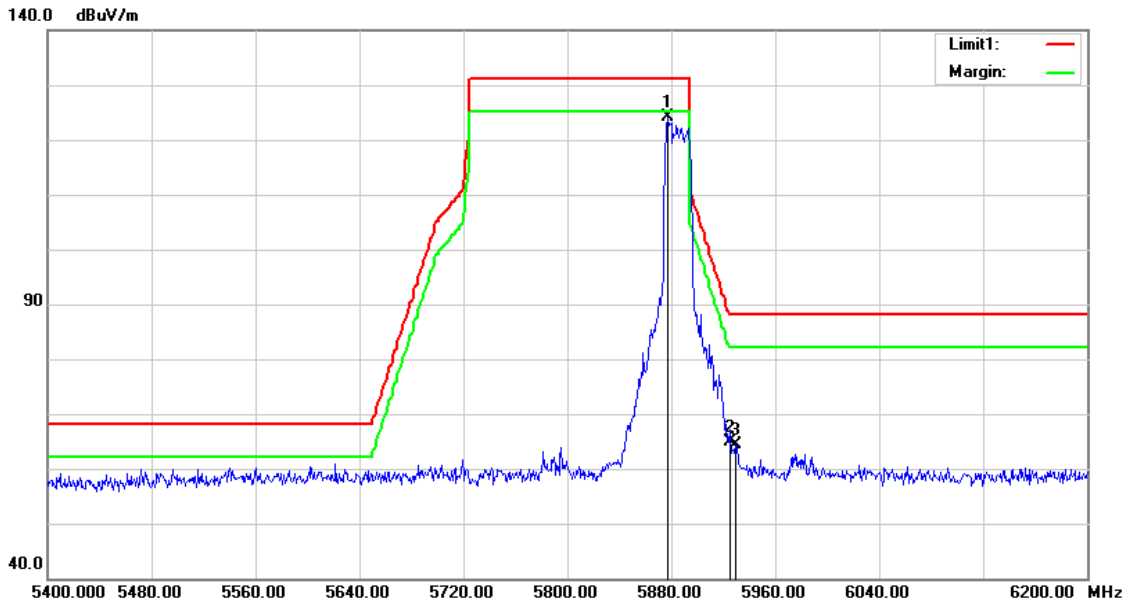
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5885.600	112.04	1.61	113.65	131.20	-17.55	peak
2	5925.000	56.21	1.72	57.93	88.20	-30.27	peak
3	5978.400	59.49	1.85	61.34	88.20	-26.86	peak

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:	5885 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		



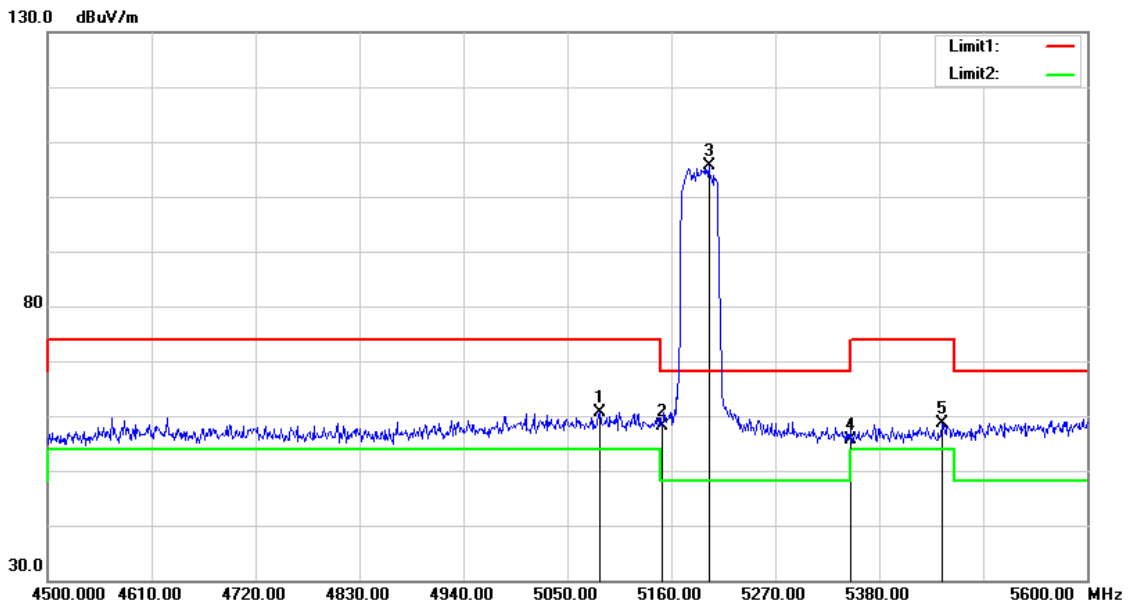
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5877.600	122.60	1.59	124.19	131.20	-7.01	peak
2	5925.000	63.11	1.72	64.83	88.20	-23.37	peak
3	5929.600	62.63	1.74	64.37	88.20	-23.83	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



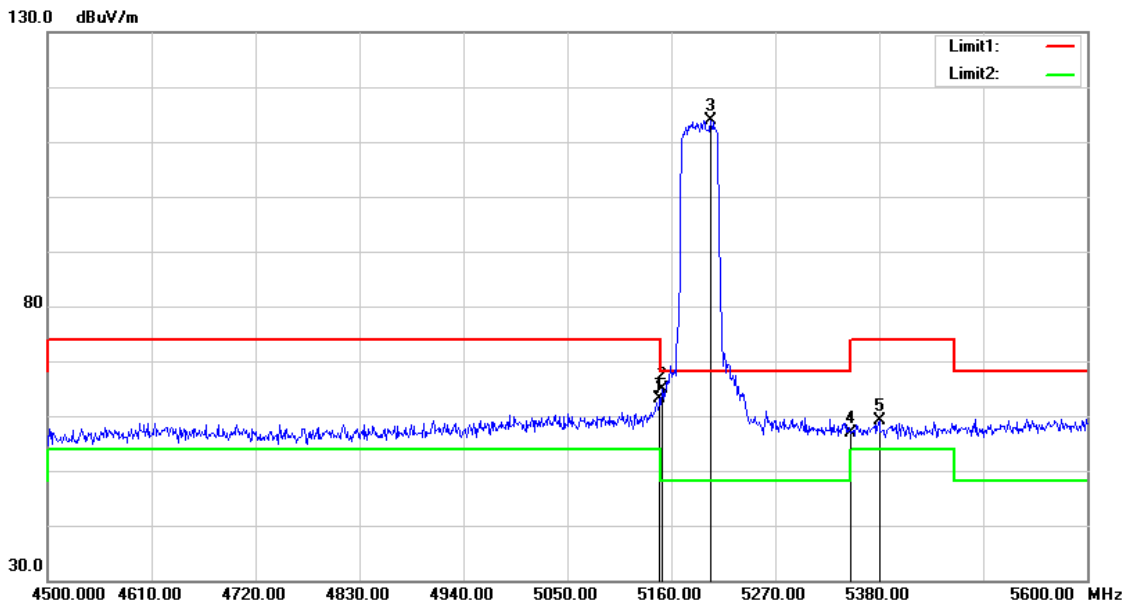
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5084.100	60.93	-0.20	60.73	74.00	-13.27	peak
2	5150.000	58.31	-0.08	58.23	74.00	-15.77	peak
3	5199.600	105.56	0.02	105.58	68.20	37.38	peak
4	5350.000	55.31	0.30	55.61	74.00	-18.39	peak
5	5447.100	58.26	0.48	58.74	74.00	-15.26	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5190 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



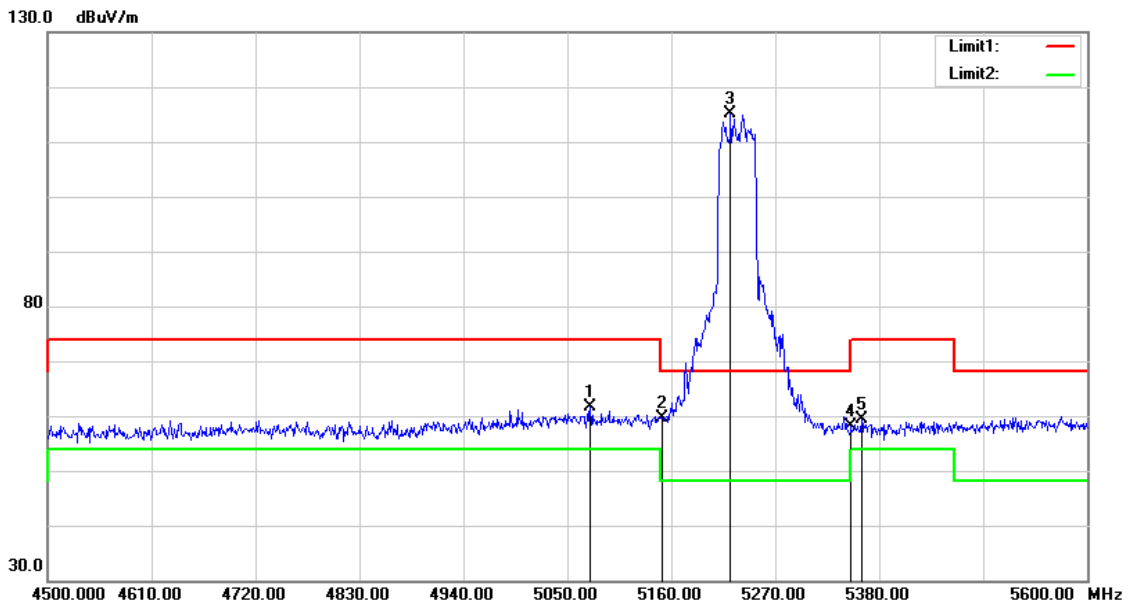
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5147.900	63.31	-0.08	63.23	74.00	-10.77	peak
2	5150.000	64.98	-0.08	64.90	74.00	-9.10	peak
3	5201.800	113.93	0.02	113.95	68.20	45.75	peak
4	5350.000	56.65	0.30	56.95	74.00	-17.05	peak
5	5380.000	58.81	0.35	59.16	74.00	-14.84	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



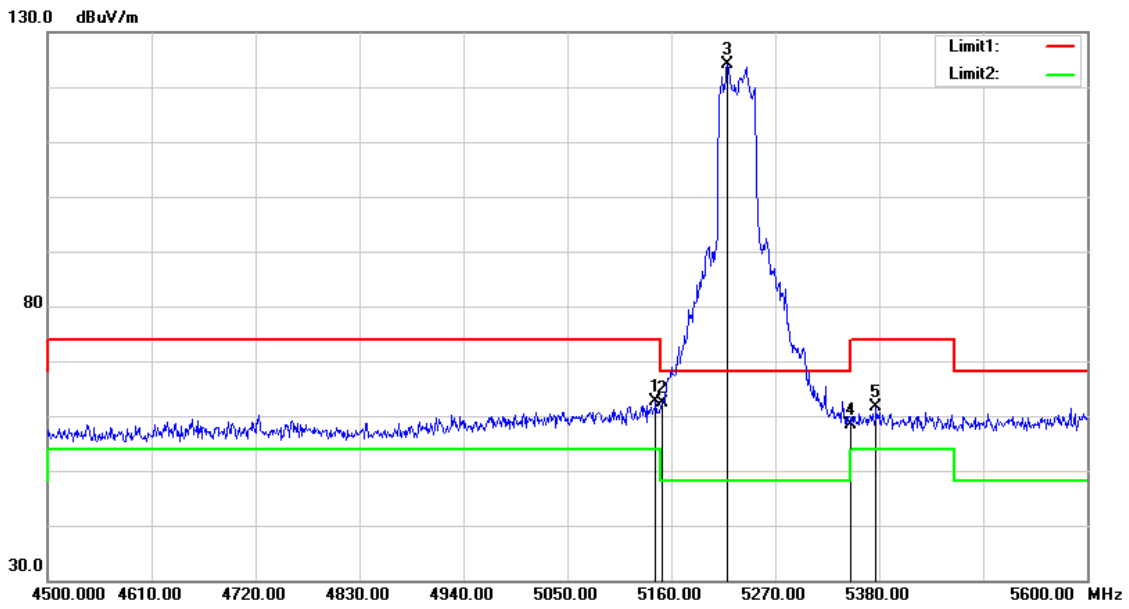
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5074.200	61.92	-0.22	61.70	74.00	-12.30	peak
2	5150.000	59.69	-0.08	59.61	74.00	-14.39	peak
3	5222.700	115.10	0.06	115.16	68.20	46.96	peak
4	5350.000	57.80	0.30	58.10	74.00	-15.90	peak
5	5361.300	59.05	0.31	59.36	74.00	-14.64	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5230 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



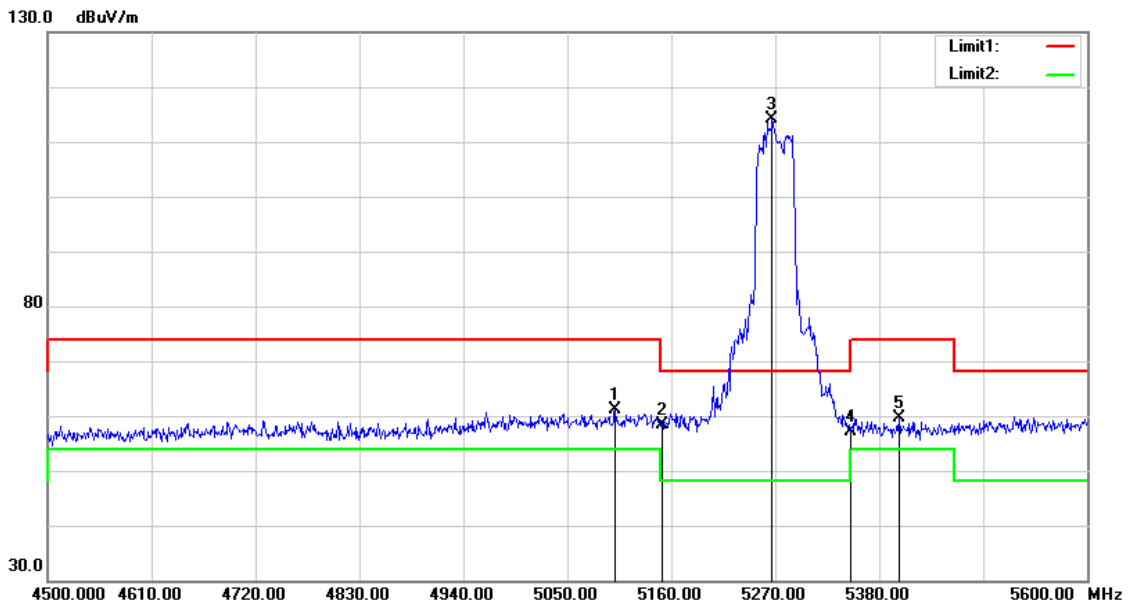
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.500	62.61	-0.10	62.51	74.00	-11.49	peak
2	5150.000	62.53	-0.08	62.45	74.00	-11.55	peak
3	5219.400	124.00	0.05	124.05	68.20	55.85	peak
4	5350.000	58.18	0.30	58.48	74.00	-15.52	peak
5	5376.700	61.23	0.34	61.57	74.00	-12.43	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



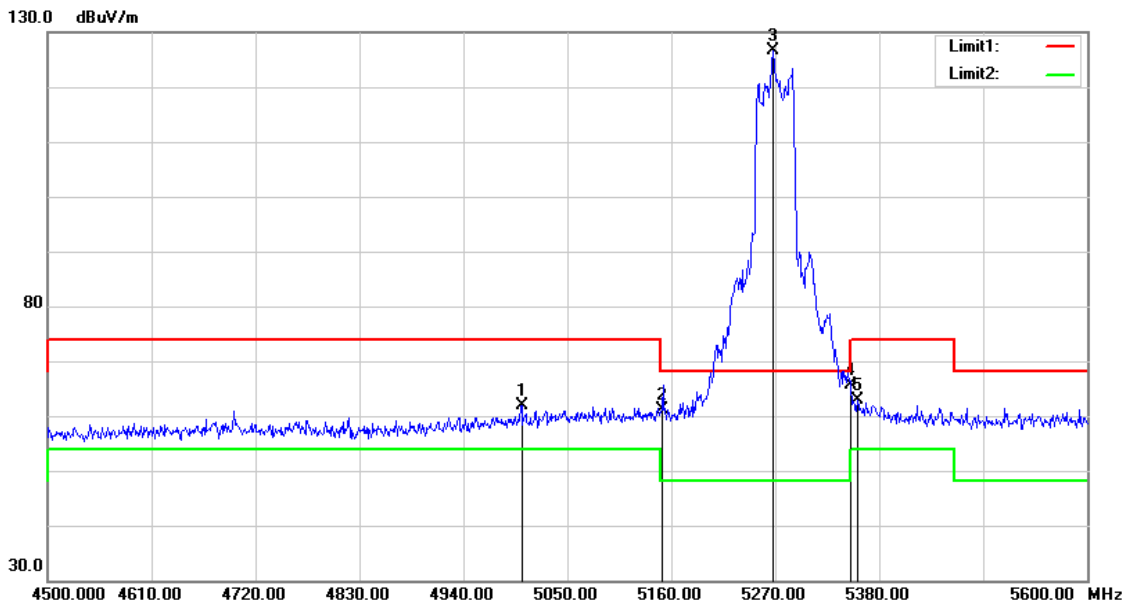
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5100.600	61.39	-0.18	61.21	74.00	-12.79	peak
2	5150.000	58.56	-0.08	58.48	74.00	-15.52	peak
3	5266.700	113.97	0.13	114.10	68.20	45.90	peak
4	5350.000	56.74	0.30	57.04	74.00	-16.96	peak
5	5400.900	59.34	0.39	59.73	74.00	-14.27	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5270 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



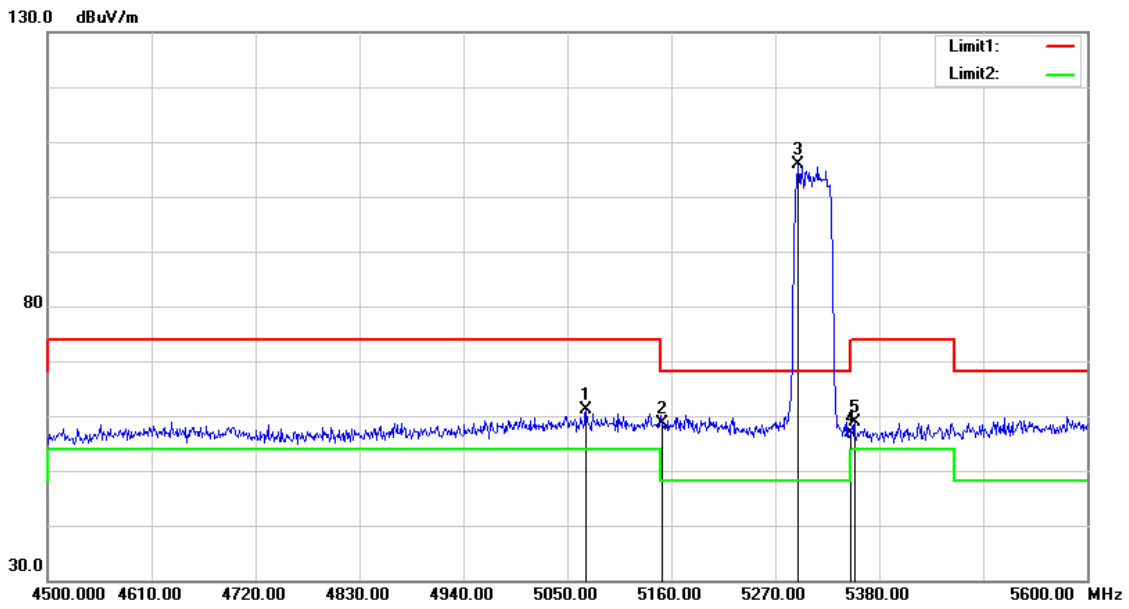
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5001.600	62.28	-0.36	61.92	74.00	-12.08	peak
2	5150.000	61.09	-0.08	61.01	74.00	-12.99	peak
3	5267.800	126.50	0.14	126.64	68.20	58.44	peak
4	5350.000	65.38	0.30	65.68	74.00	-8.32	peak
5	5356.900	62.65	0.31	62.96	74.00	-11.04	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



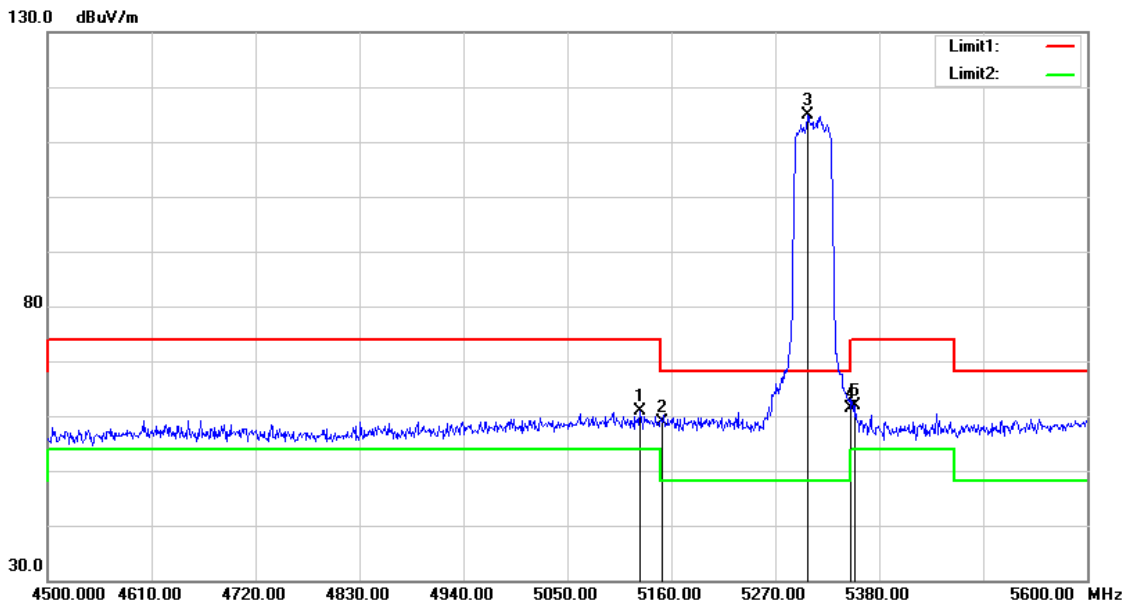
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5069.800	61.43	-0.23	61.20	74.00	-12.80	peak
2	5150.000	58.64	-0.08	58.56	74.00	-15.44	peak
3	5294.200	105.71	0.19	105.90	68.20	37.70	peak
4	5350.000	56.60	0.30	56.90	74.00	-17.10	peak
5	5353.600	58.53	0.30	58.83	74.00	-15.17	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5310 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



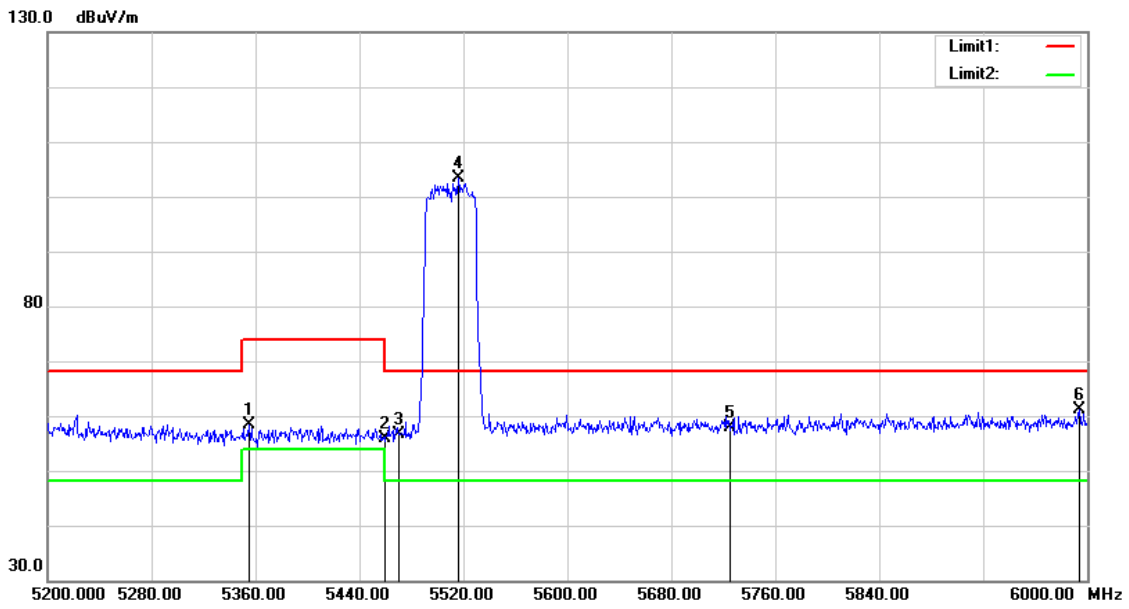
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5127.000	61.12	-0.13	60.99	74.00	-13.01	peak
2	5150.000	58.92	-0.08	58.84	74.00	-15.16	peak
3	5304.100	114.63	0.20	114.83	68.20	46.63	peak
4	5350.000	61.18	0.30	61.48	74.00	-12.52	peak
5	5354.700	61.67	0.30	61.97	74.00	-12.03	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5510 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



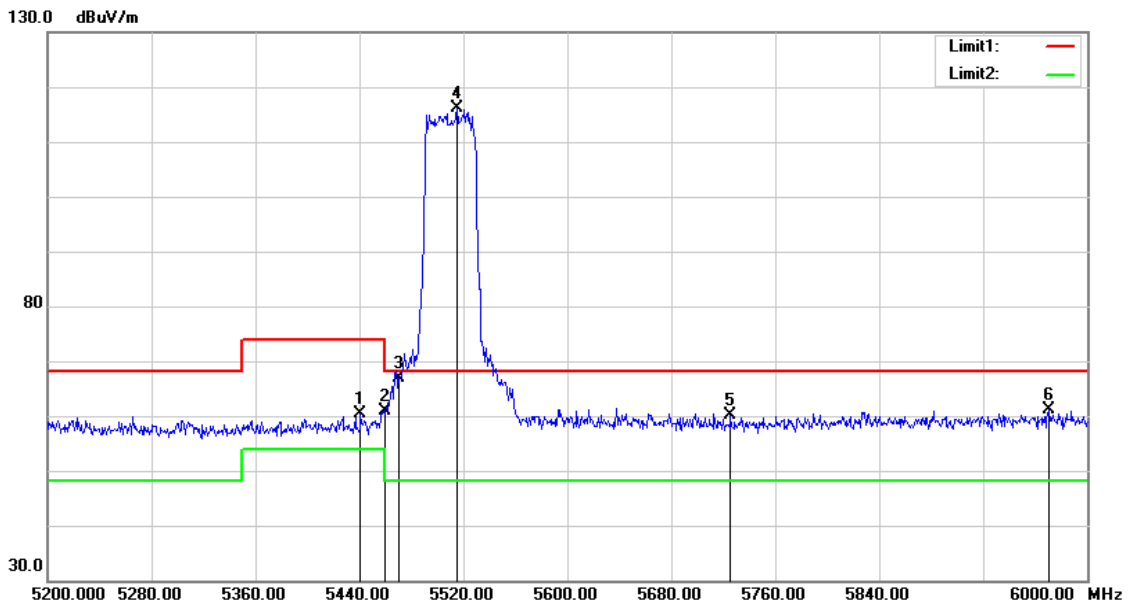
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5355.200	57.99	0.30	58.29	74.00	-15.71	peak
2	5460.000	55.39	0.51	55.90	74.00	-18.10	peak
3	5470.000	56.11	0.52	56.63	68.20	-11.57	peak
4	5516.000	102.85	0.62	103.47	68.20	35.27	peak
5	5725.000	56.78	1.18	57.96	68.20	-10.24	peak
6	5993.600	59.16	1.91	61.07	68.20	-7.13	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:	5510 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



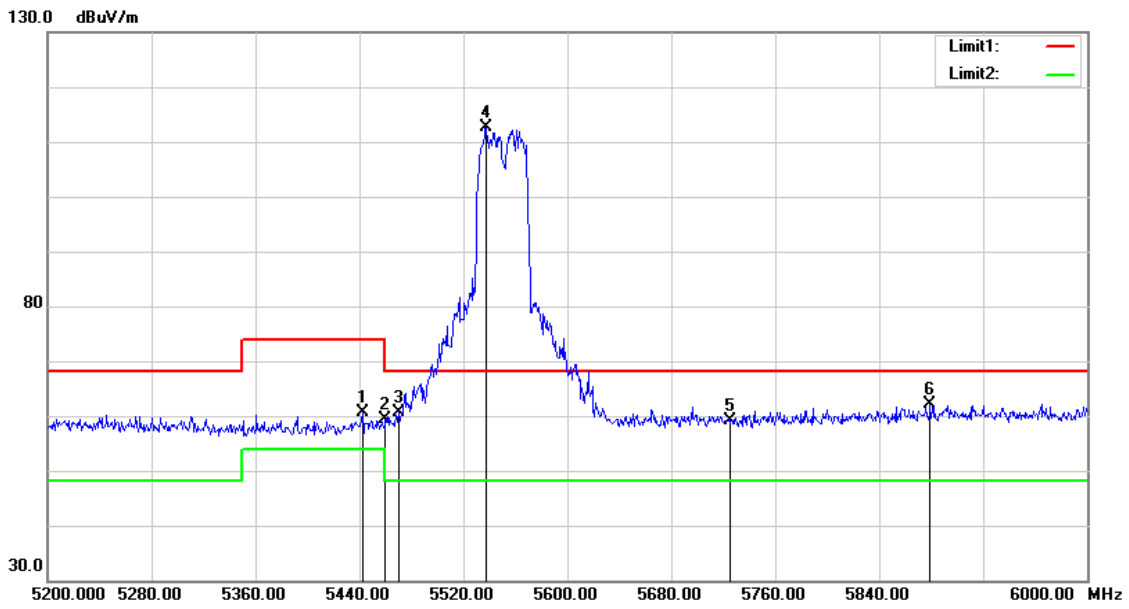
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5440.800	59.85	0.46	60.31	74.00	-13.69	peak
2	5460.000	60.39	0.51	60.90	74.00	-13.10	peak
3	5470.000	66.25	0.52	66.77	68.20	-1.43	peak
4	5515.200	115.41	0.62	116.03	68.20	47.83	peak
5	5725.000	58.92	1.18	60.10	68.20	-8.10	peak
6	5970.400	59.39	1.84	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:	5550 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



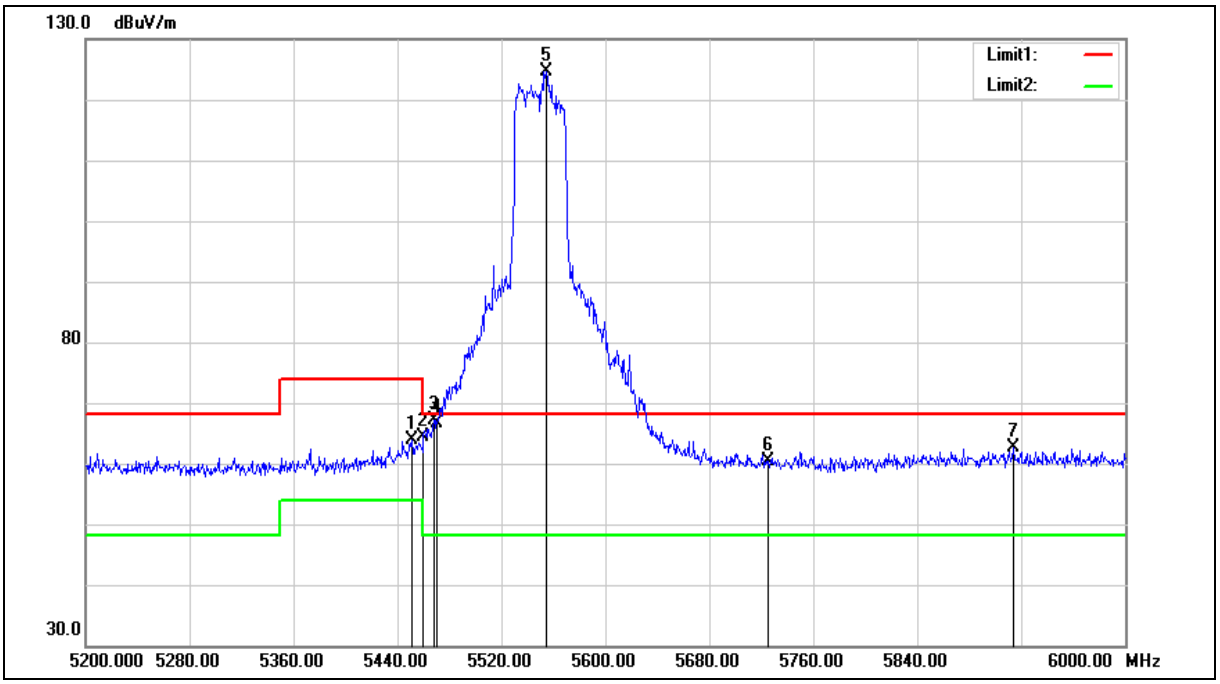
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5442.400	60.17	0.46	60.63	74.00	-13.37	peak
2	5460.000	58.82	0.51	59.33	74.00	-14.67	peak
3	5470.000	60.17	0.52	60.69	68.20	-7.51	peak
4	5537.600	111.92	0.68	112.60	68.20	44.40	peak
5	5725.000	57.95	1.18	59.13	68.20	-9.07	peak
6	5879.200	60.47	1.60	62.07	68.20	-6.13	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:	5550 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5550 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

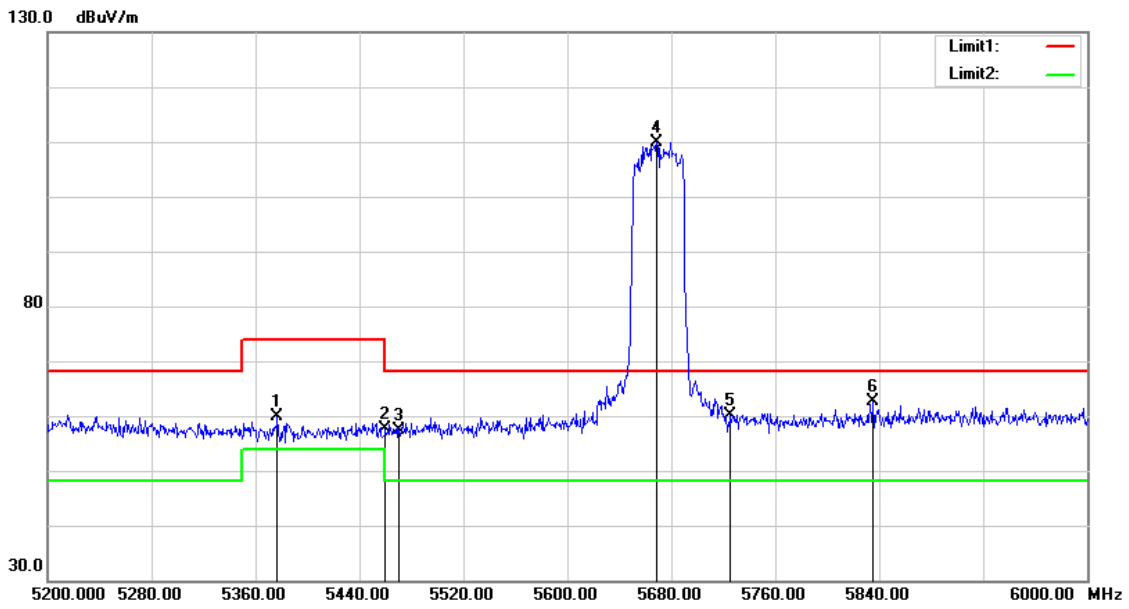
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5451.200	63.47	0.48	63.95	74.00	-10.05	peak
2	5460.000	63.89	0.51	64.40	74.00	-9.60	peak
3	5468.000	66.69	0.51	67.20	68.20	-1.00	peak
4	5470.000	66.09	0.52	66.61	68.20	-1.59	peak
5	5554.400	123.88	0.72	124.60	68.20	56.40	peak
6	5725.000	59.18	1.18	60.36	68.20	-7.84	peak
7	5913.600	60.96	1.69	62.65	68.20	-5.55	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:	5670 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



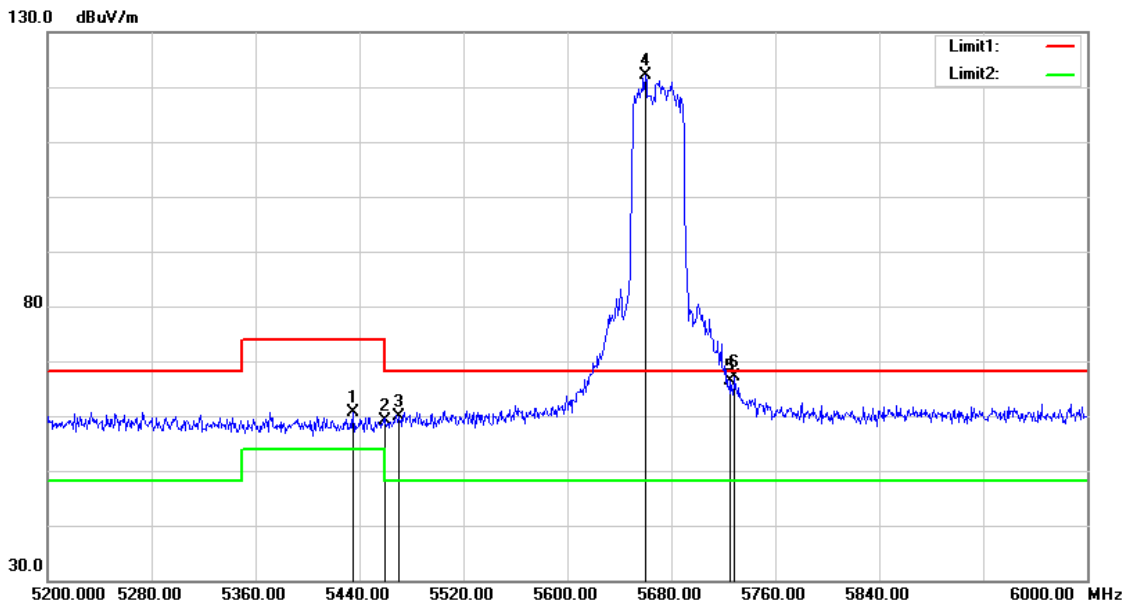
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5376.800	59.60	0.35	59.95	74.00	-14.05	peak
2	5460.000	57.21	0.51	57.72	74.00	-16.28	peak
3	5470.000	56.76	0.52	57.28	68.20	-10.92	peak
4	5668.800	108.83	1.03	109.86	68.20	41.66	peak
5	5725.000	58.89	1.18	60.07	68.20	-8.13	peak
6	5835.200	61.11	1.47	62.58	68.20	-5.62	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5670 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



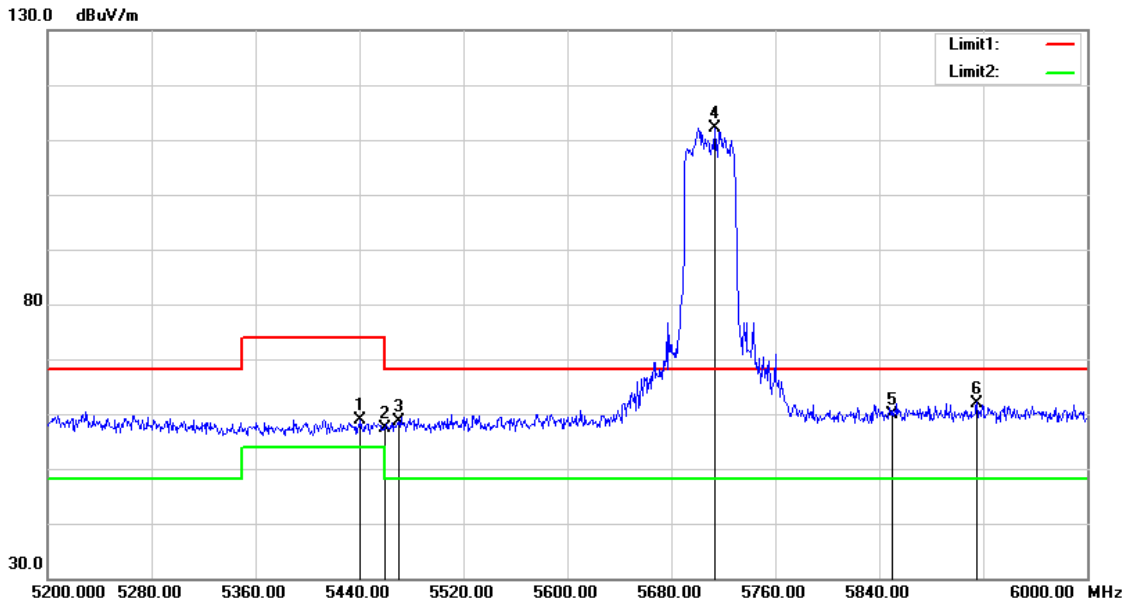
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5435.200	60.11	0.46	60.57	74.00	-13.43	peak
2	5460.000	58.64	0.51	59.15	74.00	-14.85	peak
3	5470.000	59.36	0.52	59.88	68.20	-8.32	peak
4	5660.000	121.21	1.00	122.21	68.20	54.01	peak
5	5725.000	65.08	1.18	66.26	68.20	-1.94	peak
6	5728.800	65.90	1.18	67.08	68.20	-1.12	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5710 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



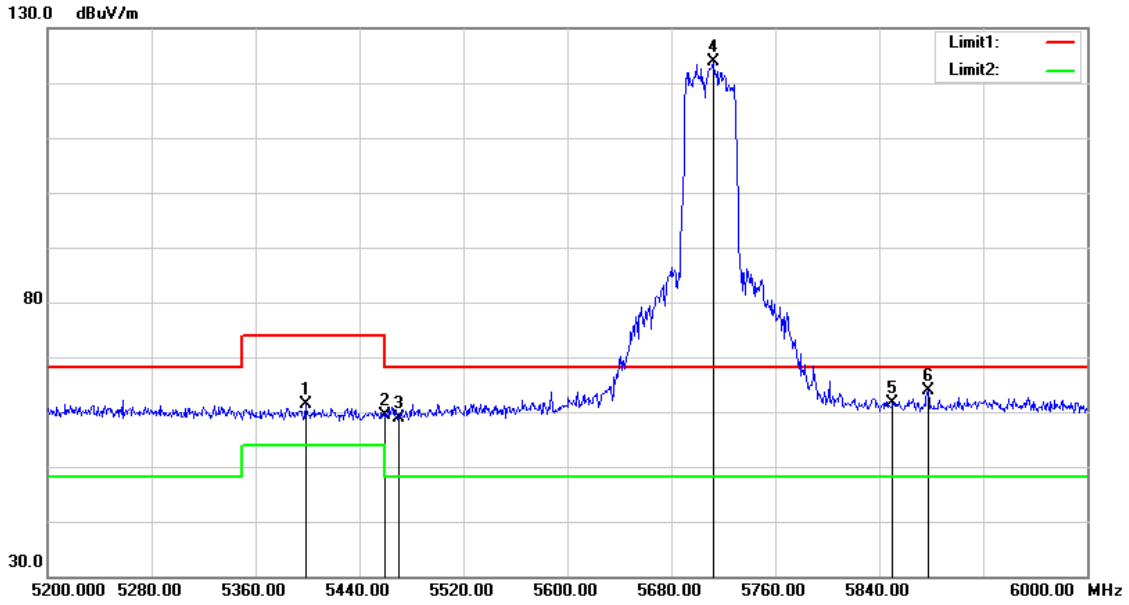
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5440.800	58.44	0.46	58.90	74.00	-15.10	peak
2	5460.000	56.84	0.51	57.35	74.00	-16.65	peak
3	5470.000	58.08	0.52	58.60	68.20	-9.60	peak
4	5713.600	111.01	1.15	112.16	68.20	43.96	peak
5	5850.000	58.37	1.52	59.89	68.20	-8.31	peak
6	5915.200	60.30	1.70	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:	5710 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



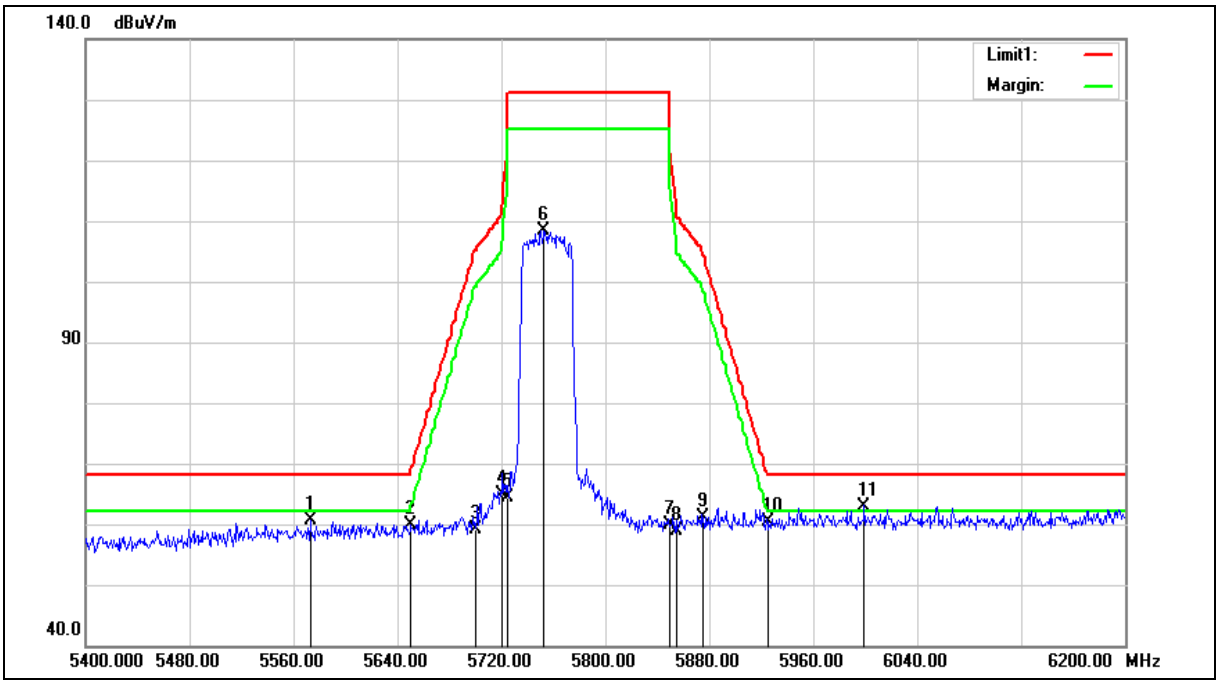
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5398.400	60.91	0.39	61.30	74.00	-12.70	peak
2	5460.000	58.79	0.51	59.30	74.00	-14.70	peak
3	5470.000	58.45	0.52	58.97	68.20	-9.23	peak
4	5712.000	122.62	1.14	123.76	68.20	55.56	peak
5	5850.000	60.14	1.52	61.66	68.20	-6.54	peak
6	5877.600	62.20	1.59	63.79	68.20	-4.41	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:	5755 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

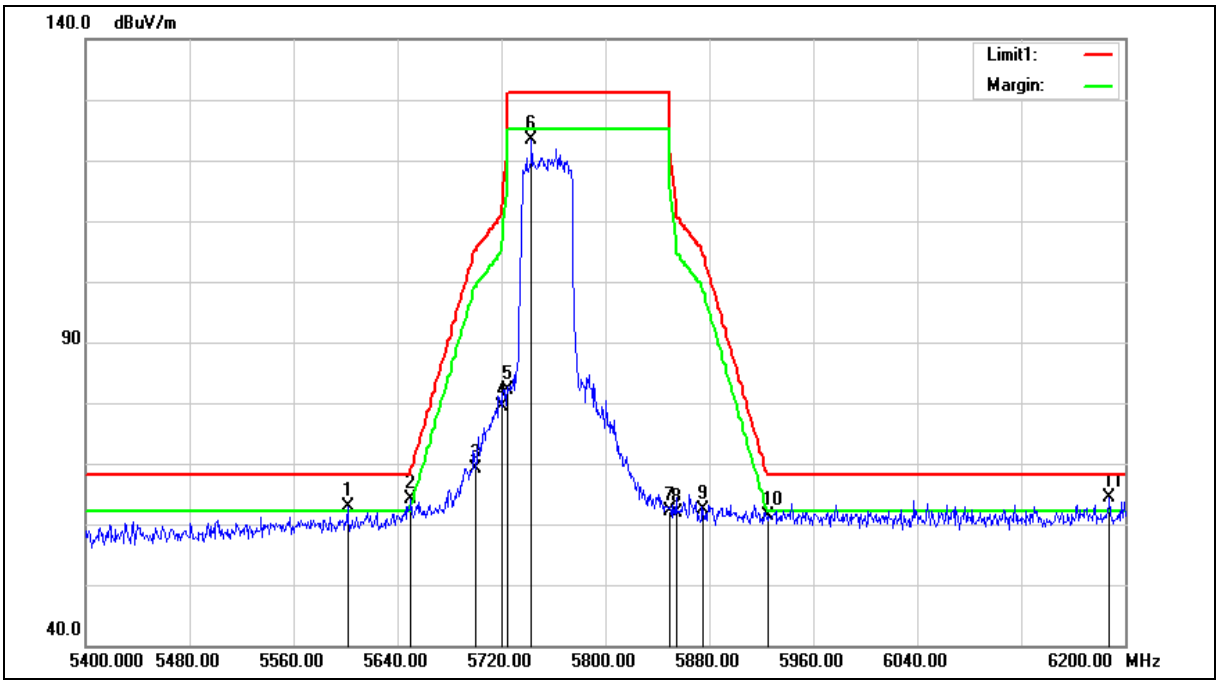
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5572.800	59.94	0.78	60.72	68.20	-7.48	peak
2	5650.000	58.99	0.97	59.96	68.20	-8.24	peak
3	5700.000	58.14	1.11	59.25	105.20	-45.95	peak
4	5720.000	63.83	1.17	65.00	110.80	-45.80	peak
5	5725.000	63.25	1.18	64.43	122.20	-57.77	peak
6	5752.800	107.16	1.25	108.41	131.20	-22.79	peak
7	5850.000	58.45	1.52	59.97	122.20	-62.23	peak
8	5855.000	57.44	1.53	58.97	110.80	-51.83	peak
9	5875.000	59.61	1.59	61.20	105.20	-44.00	peak
10	5925.000	58.78	1.72	60.50	68.20	-7.70	peak
11	5999.200	61.08	1.92	63.00	68.20	-5.20	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 10		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

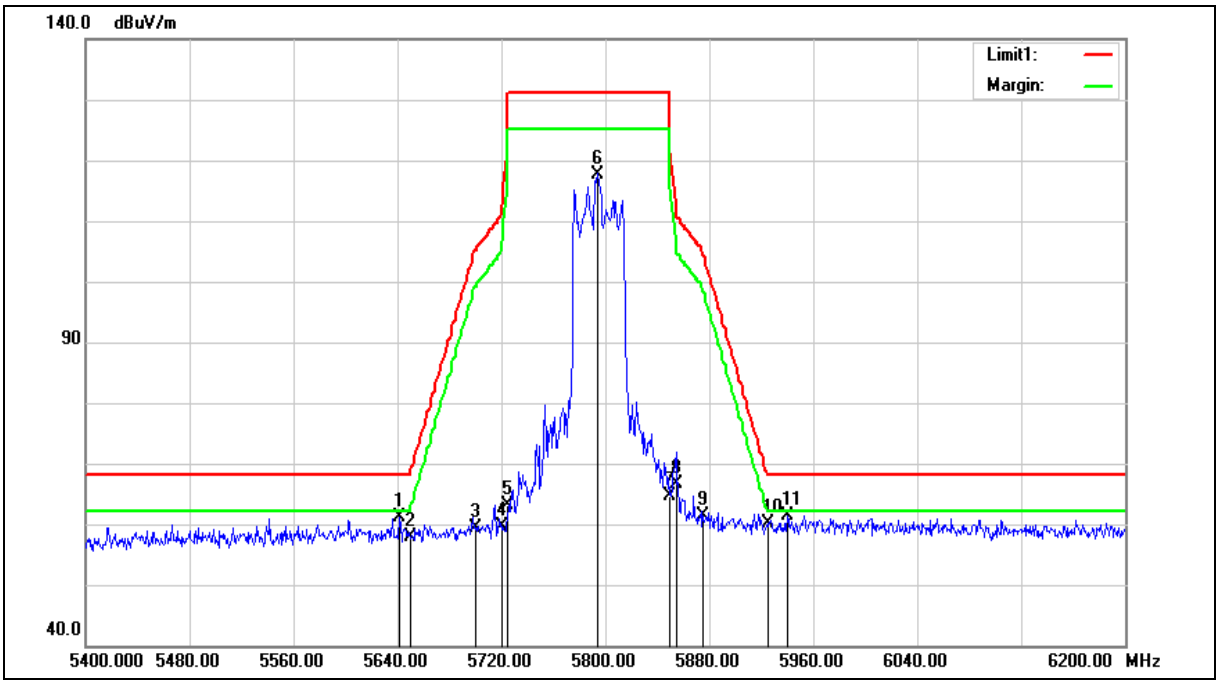
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5601.600	62.07	0.85	62.92	68.20	-5.28	peak
2	5650.000	63.15	0.97	64.12	68.20	-4.08	peak
3	5700.000	67.94	1.11	69.05	105.20	-36.15	peak
4	5720.000	78.09	1.17	79.26	110.80	-31.54	peak
5	5725.000	80.90	1.18	82.08	122.20	-40.12	peak
6	5743.200	122.14	1.22	123.36	131.20	-7.84	peak
7	5850.000	60.53	1.52	62.05	122.20	-60.15	peak
8	5855.000	60.42	1.53	61.95	110.80	-48.85	peak
9	5875.000	60.85	1.59	62.44	105.20	-42.76	peak
10	5925.000	59.55	1.72	61.27	68.20	-6.93	peak
11	6188.000	61.82	2.64	64.46	68.20	-3.74	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:	5795 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

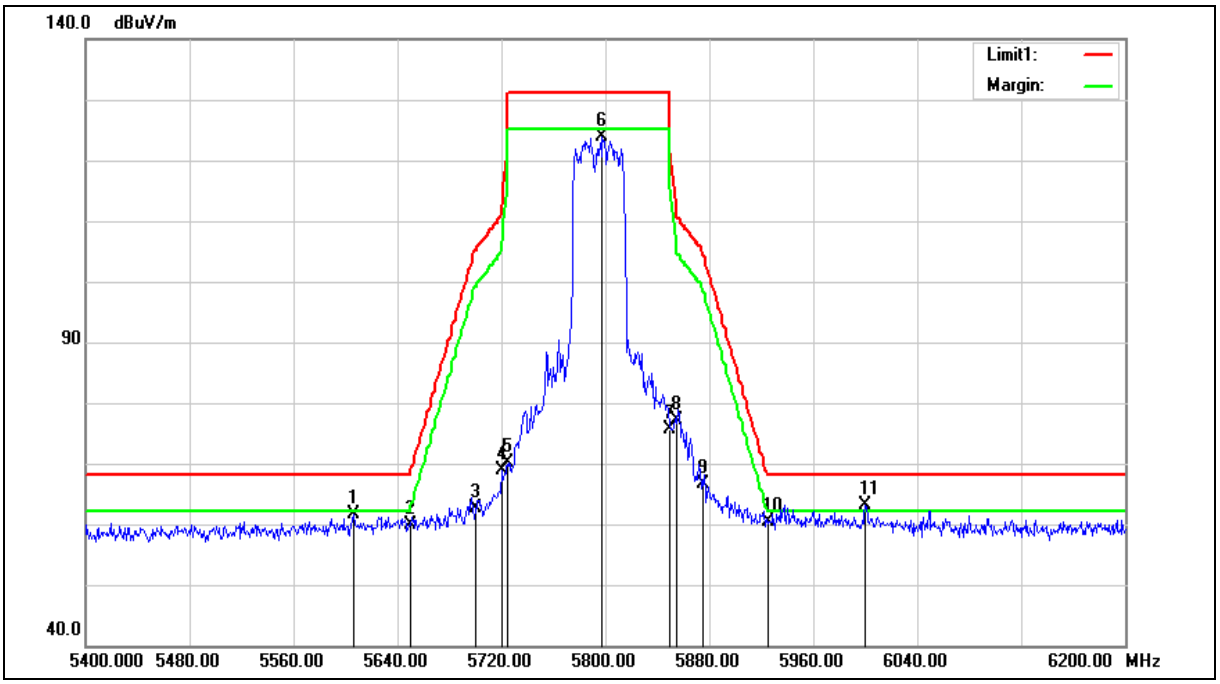
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5641.600	60.13	0.96	61.09	68.20	-7.11	peak
2	5650.000	56.98	0.97	57.95	68.20	-10.25	peak
3	5700.000	58.37	1.11	59.48	105.20	-45.72	peak
4	5720.000	58.40	1.17	59.57	110.80	-51.23	peak
5	5725.000	61.84	1.18	63.02	122.20	-59.18	peak
6	5793.600	116.39	1.36	117.75	131.20	-13.45	peak
7	5850.000	63.11	1.52	64.63	122.20	-57.57	peak
8	5855.000	65.16	1.53	66.69	110.80	-44.11	peak
9	5875.000	59.88	1.59	61.47	105.20	-43.73	peak
10	5925.000	58.41	1.72	60.13	68.20	-8.07	peak
11	5940.000	59.71	1.76	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:	5795 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

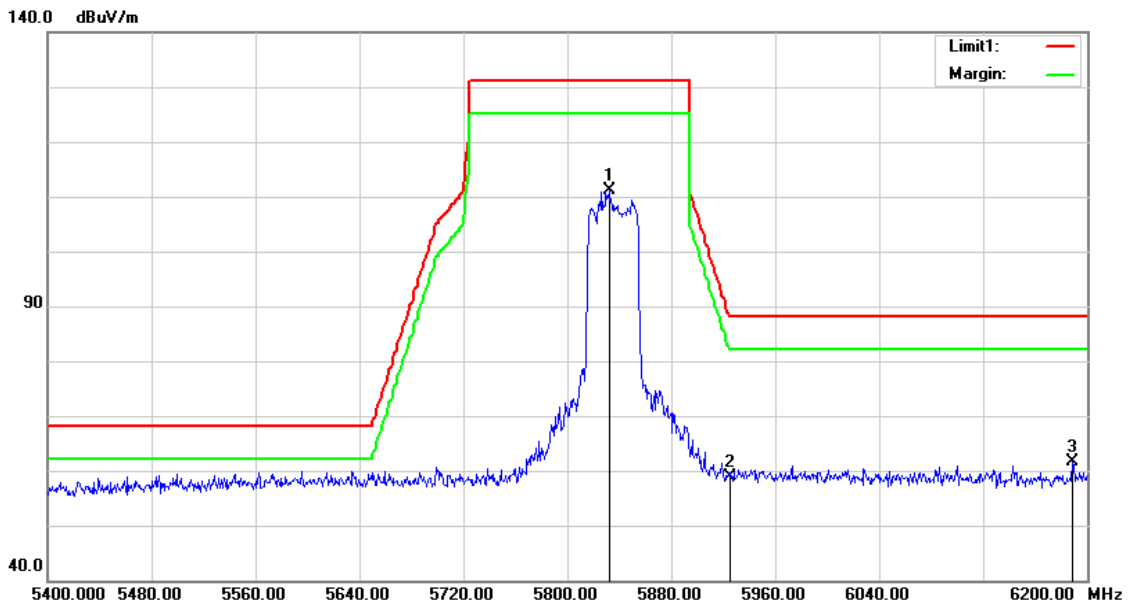
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5606.400	60.86	0.86	61.72	68.20	-6.48	peak
2	5650.000	58.95	0.97	59.92	68.20	-8.28	peak
3	5700.000	61.52	1.11	62.63	105.20	-42.57	peak
4	5720.000	67.63	1.17	68.80	110.80	-42.00	peak
5	5725.000	69.03	1.18	70.21	122.20	-51.99	peak
6	5797.600	122.60	1.38	123.98	131.20	-7.22	peak
7	5850.000	74.08	1.52	75.60	122.20	-46.60	peak
8	5855.000	75.63	1.53	77.16	110.80	-33.64	peak
9	5875.000	65.11	1.59	66.70	105.20	-38.50	peak
10	5925.000	58.63	1.72	60.35	68.20	-7.85	peak
11	6000.000	61.23	1.92	63.15	68.20	-5.05	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5835 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



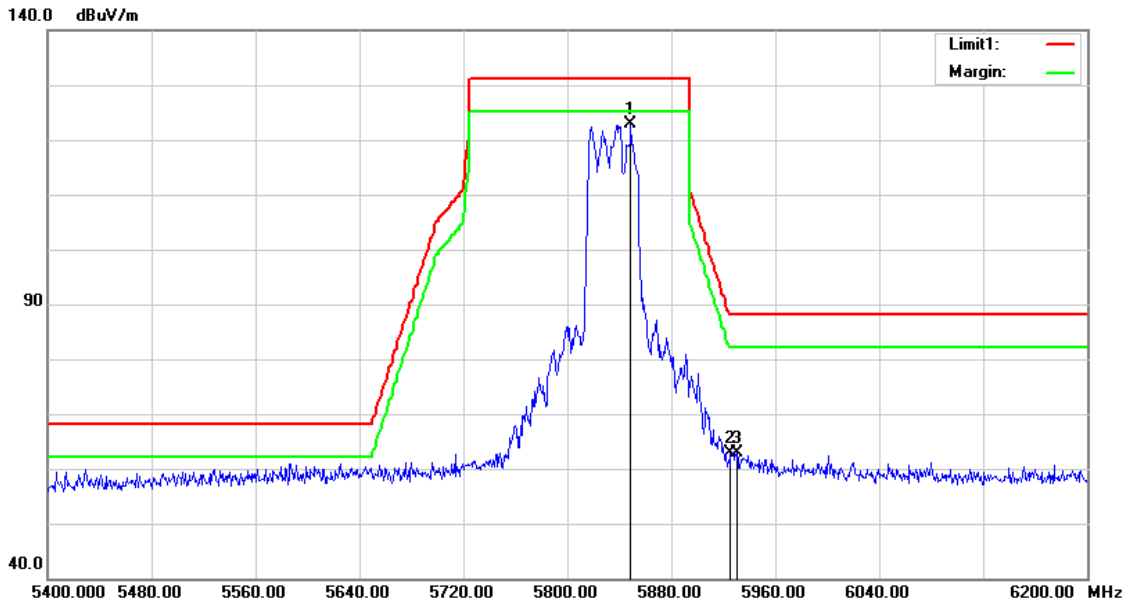
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5832.000	109.71	1.47	111.18	131.20	-20.02	peak
2	5925.000	57.27	1.72	58.99	88.20	-29.21	peak
3	6188.800	59.00	2.65	61.65	88.20	-26.55	peak

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:	5835 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



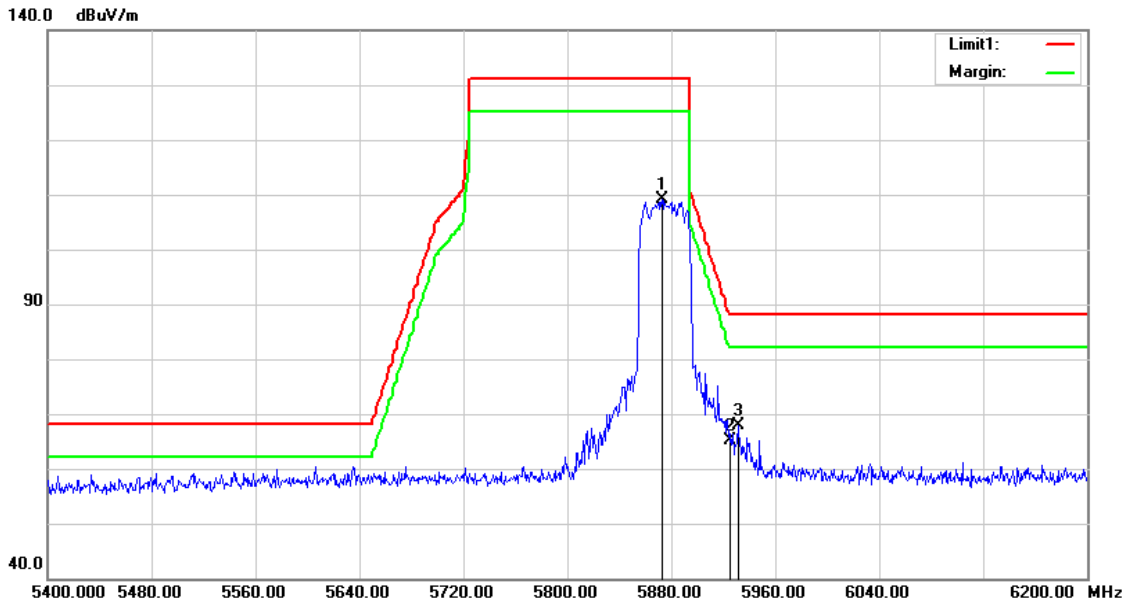
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5848.800	121.25	1.52	122.77	131.20	-8.43	peak
2	5925.000	61.05	1.72	62.77	88.20	-25.43	peak
3	5930.400	61.24	1.74	62.98	88.20	-25.22	peak

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:	5875 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



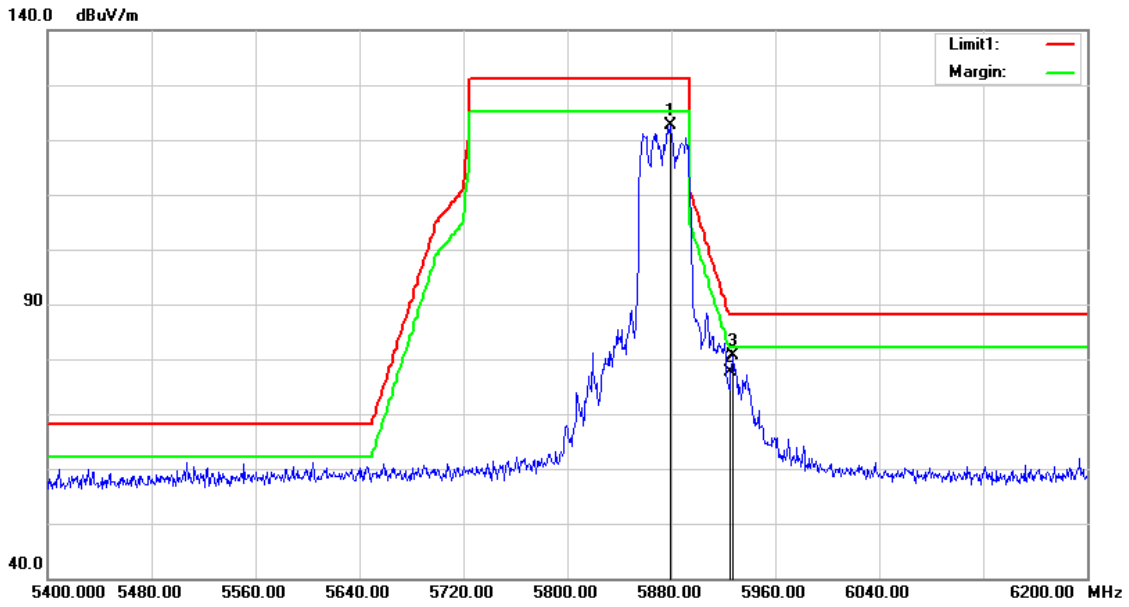
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5872.800	107.48	1.58	109.06	131.20	-22.14	peak
2	5925.000	63.34	1.72	65.06	88.20	-23.14	peak
3	5931.200	66.09	1.74	67.83	88.20	-20.37	peak

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:	5875 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		



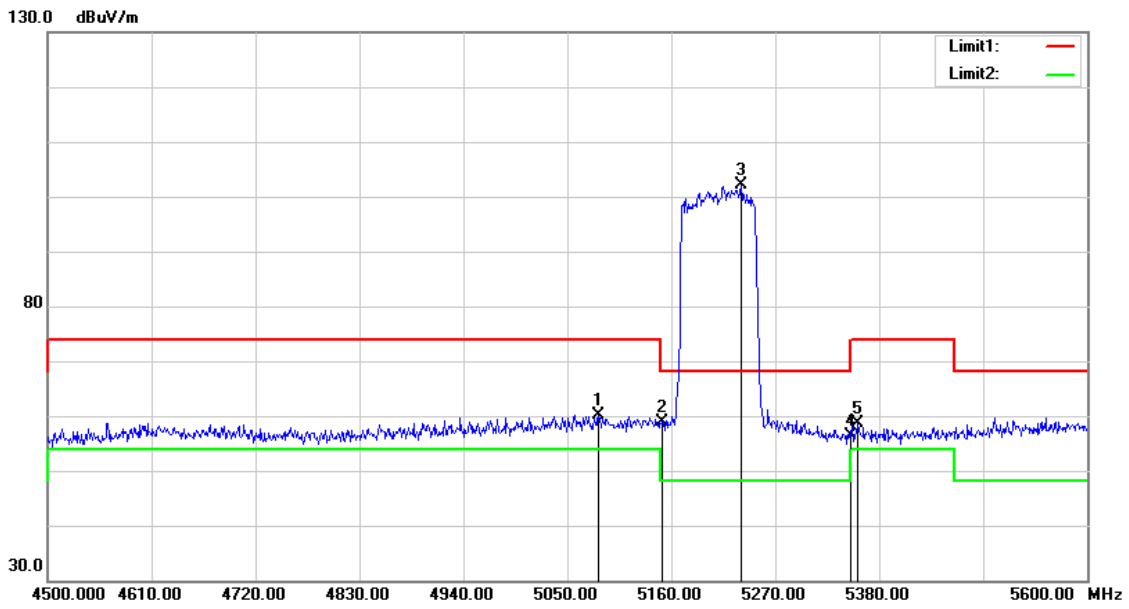
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5879.200	120.92	1.60	122.52	131.20	-8.68	peak
2	5925.000	75.95	1.72	77.67	88.20	-10.53	peak
3	5927.200	78.81	1.72	80.53	88.20	-7.67	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5083.000	60.41	-0.20	60.21	74.00	-13.79	peak
2	5150.000	59.06	-0.08	58.98	74.00	-15.02	peak
3	5233.700	102.02	0.08	102.10	68.20	33.90	peak
4	5350.000	56.09	0.30	56.39	74.00	-17.61	peak
5	5356.900	58.25	0.31	58.56	74.00	-15.44	peak

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

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

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