RF Test Report

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

Issued by

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

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

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

Revision History

Rev.	Issued Date	Revisions	Revised By
00	Jul. 29, 2022	Initial Issue	Snow Wang
01	Aug. 05, 2022	Update report information (P.1) Update chapter 1.1 (P.5) Add chapter 4.10 (P.37) Update chapter 4.11 (P.38)	Snow Wang
02	Sep. 08, 2022	Update chapter 5.3 (P.359, P.376~378)	Snow Wang
03	Sep. 15, 2022	Update chapter 3.4 (P.14) Update chapter 5.3 (P.360, P.380~388)	Snow Wang

Verification of Compliance

Applicant	:	Kaonbroadband CO., LTD
Product Name	:	WiFi6E XGS-PON Gateway
Trade Name	:	KAON
Model Number	:	PG2494
FCC ID	:	2AXCW-PG2494
Applicable Standard	:	FCC 47 CFR PART 15 SUBPART E ANSI C63.10:2013
Test Result	:	Complied
Performing Lab.	:	A Test Lab Techno Corp. No. 140-1, Changan Street, Bade District, Taoyuan City 334025, Taiwan (R.O.C.) Tel：+886-3-2710188 / Fax：+886-3-2710190 Taiwan Accreditation Foundation accreditation number: 1330

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

Approved By : Kai Yu Yang

(Kai Yu Yang)

TABLE OF CONTENTS

1 General Information

1.1. Summary of Test Result

Standard	Item	Result	Remark
15.207	AC Power Conducted Emission	PASS	---
15.407(b) 15.205 / 15.209	Transmitter Radiated Emissions	PASS	---
15.407(a)	Maximum Output Power	PASS	---
15.407(a)	Emission Bandwidth	PASS	---
15.407(a)	Maximum Power Spectral Density	PASS	---
15.407(b)	In-Band Emission (Mask)	PASS	---
15.407(g)	Frequency Stability	PASS	---
15.407(d)	Contention based Protocol	PASS	---
15.407(d)	Operational restrictions for 6 GHz U-NII devices	PASS	Note 2
15.407(a)	Dual Client Proper Power Adjustment	N/A	Note 3
15.407(c)	Automatically discontinue transmission	PASS	---
15.203	Antenna Requirement	PASS	---

Note 1: The above test items refer to the test standards

Note 2: Declaration by applicant

Note 3: Device associates with low power indoor AP only

Decision Rule

■ Uncertainty is not included.

□ Uncertainty is included.

Standard	Description
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 v02r01	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)
KDB 987594 D02 v01r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure 6 GHz (U-NII) Devices Part 15, Subpart E

1.2. Measurement Uncertainty

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

2 EUT Description

Applicant	Kaonbroadband CO., LTD 884-3, Seongnam-daero, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea			
Product Name	WiFi6E XGS-PON Gateway			
Trade Name	KAON			
Model No.	PG2494			
FCC ID	2AXCW-PG2494			
Operate Frequency	Frequency Band		Frequency Range (MHz)	Number of Channels
	IEEE 802.11ax 20 MHz	U-NII Band 5	5955 – 6415	3
		U-NII Band 6	6435 – 6515	3
		U-NII Band 7	6535 – 6855	3
		U-NII Band 8	6875 – 7115	3
	IEEE 802.11ax 40 MHz	U-NII Band 5	5965 – 6405	3
		U-NII Band 6	6445 – 6485	2
		U-NII Band 7	6525 – 6845	4
		U-NII Band 8	6885 – 7085	4
	IEEE 802.11ax 80 MHz	U-NII Band 5	5985 – 6385	3
		U-NII Band 6	6465 – 6545	2
		U-NII Band 7	6625 – 6785	3
		U-NII Band 8	6865 – 7025	3
Modulation Type	OFDM/OFDMA			
Antenna information	ANT	Model Number	Type	Max. Gain (dBi)
	ANT-3	W6EDEC150P-I37	Internal PCB Antenna	2.7
	ANT-0/1/2	W6EDEC300P-I37	Internal PCB Antenna	2.1
Antenna Delivery	Reference section 3.1			
Operate Temp. Range	0 ~ 40 ℃			
EUT Power Rating	DC 12 V, 3.33 A			

The above information is provided by customers.

Frequency Band		Maximum Output Power (e.i.r.p.)	
		(dBm)	(W)
IEEE 802.11ax 20 MHz	U-NII Band 5	21.14	0.130
	U-NII Band 6	20.98	0.125
	U-NII Band 7	25.59	0.362
	U-NII Band 8	24.86	0.306
IEEE 802.11ax 40 MHz	U-NII Band 5	22.61	0.183
	U-NII Band 6	22.23	0.167
	U-NII Band 7	27.16	0.520
	U-NII Band 8	26.67	0.465
IEEE 802.11ax 80 MHz	U-NII Band 5	25.06	0.320
	U-NII Band 6	24.83	0.435
	U-NII Band 7	28.19	0.586
	U-NII Band 8	27.89	0.659

Equipment Type	
Indoor access point	V
Subordinate device	---
Indoor 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:

Test Mode
Mode 1: Transmit mode
Mode 2: IEEE 802.11ax 20 MHz Continuous TX mode
Mode 3: IEEE 802.11ax 40 MHz Continuous TX mode
Mode 4: IEEE 802.11ax 80 MHz Continuous TX mode

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

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

Note 2: Investigation has been done on all the possible configurations for searching the worst cases (IEEE 802.11ax test results Full RU Covers Partial RU).

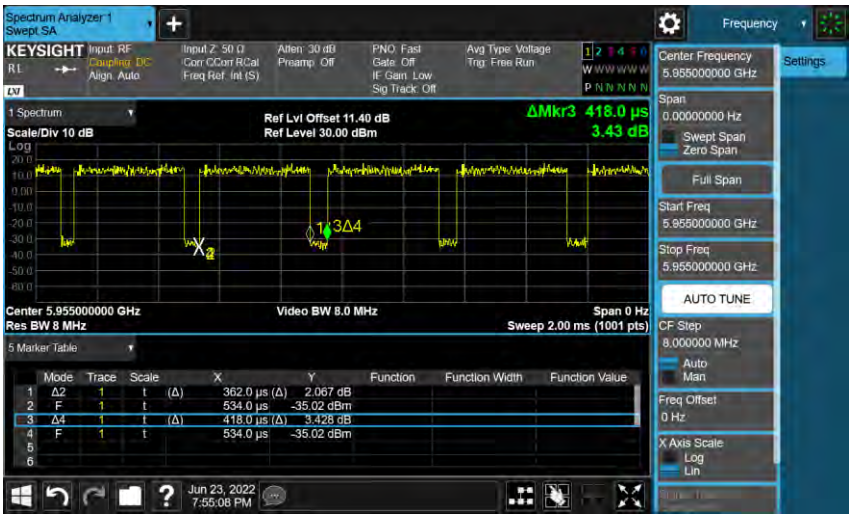
Test Mode	ANT-0	ANT-1	ANT-2	ANT-3	ANT-0+1+2+3
Mode 2	V	V	V	V	V
Mode 3	V	V	V	V	V
Mode 4	V	V	V	V	V

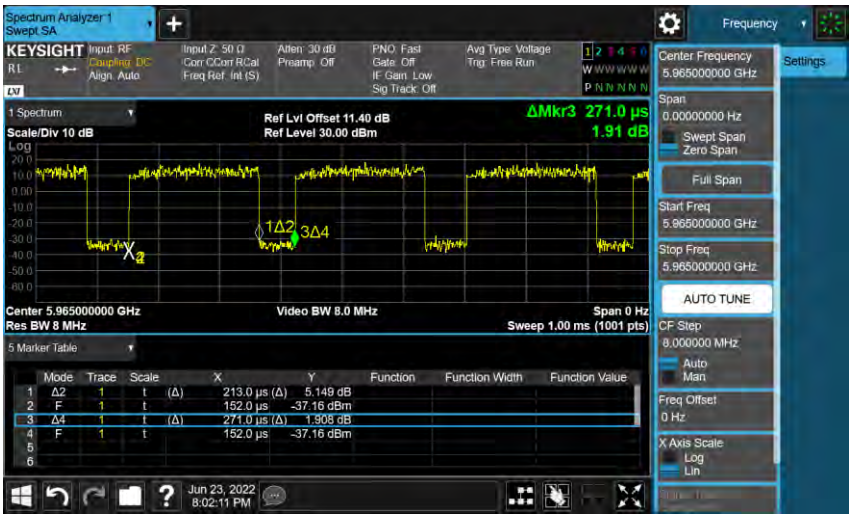
Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 2	4TX (CDD/Beamforming on)	MCS0	U-NII Band 5	1, 45, 93
			U-NII Band 6	97, 105, 113
			U-NII Band 7	117, 149, 181
			U-NII Band 8	185, 209, 233
Mode 3	4TX (CDD/Beamforming on)	MCS0	U-NII Band 5	3, 43, 91
			U-NII Band 6	99, 107
			U-NII Band 7	115, 123, 147, 179
			U-NII Band 8	187, 195, 211, 227
Mode 4	4TX (CDD/Beamforming on)	MCS0	U-NII Band 5	7, 39, 87
			U-NII Band 6	103, 119
			U-NII Band 7	135, 151, 167
			U-NII Band 8	183, 199, 215

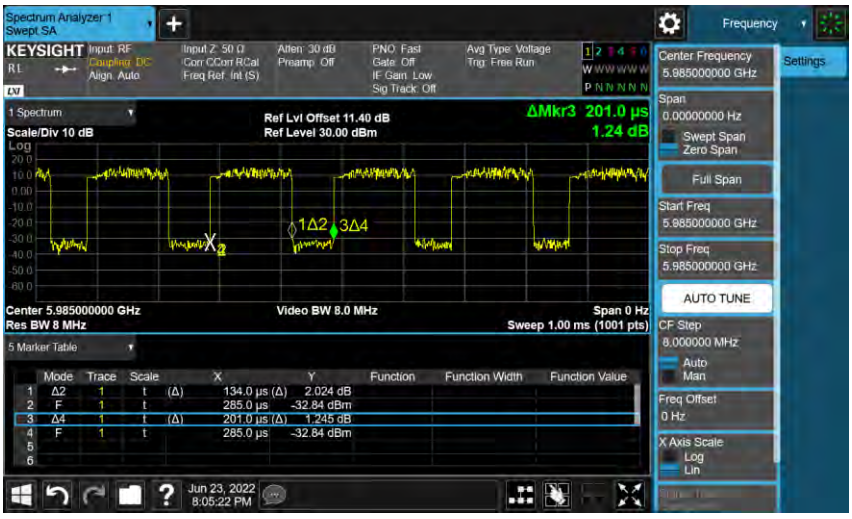
Duty cycle

Test Mode	Frequency (MHz)	On time (ms)	On+off time (ms)	Duty cycle (%)	Duty Factor (dB)	1/T (kHz)	VBW setting (kHz)
Mode 2	5955	0.362	0.418	86.60	0.62	2.76	3.00
Mode 3	5965	0.213	0.271	78.60	1.05	4.69	5.00
Mode 4	5985	0.134	0.201	66.42	1.78	7.49	8.00

Duty Cycle Graphs

Mode 2: IEEE 802.11ax 20 MHz Continuous TX mode	
On+off time	

Mode 3: IEEE 802.11ax 40 MHz Continuous TX mode	
On+off time	

Mode 4: IEEE 802.11ax 80 MHz Continuous TX mode	
On+off time	

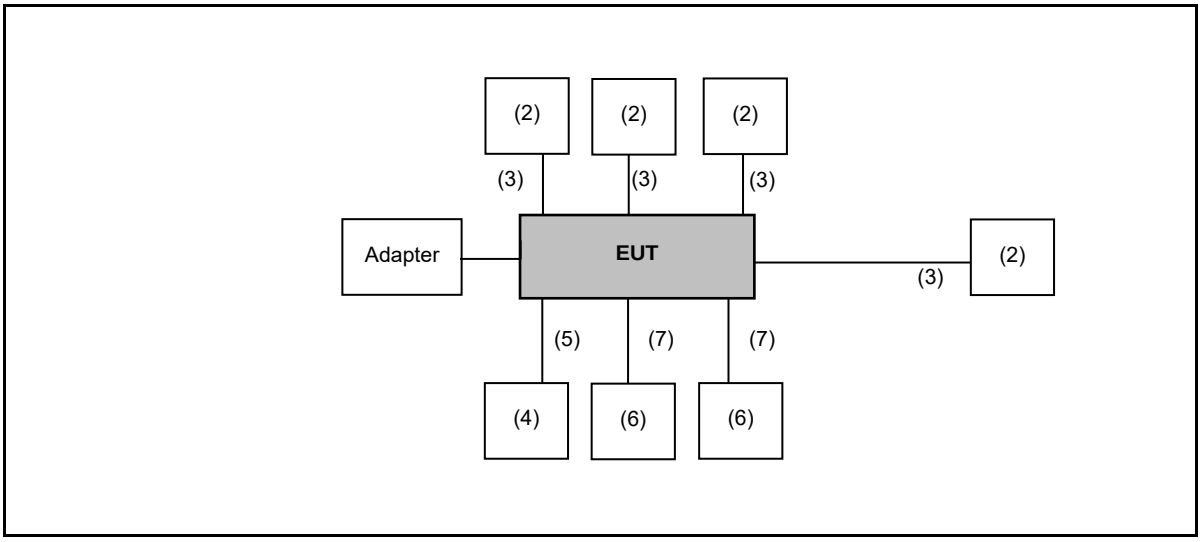
3.2. EUT Test Step

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

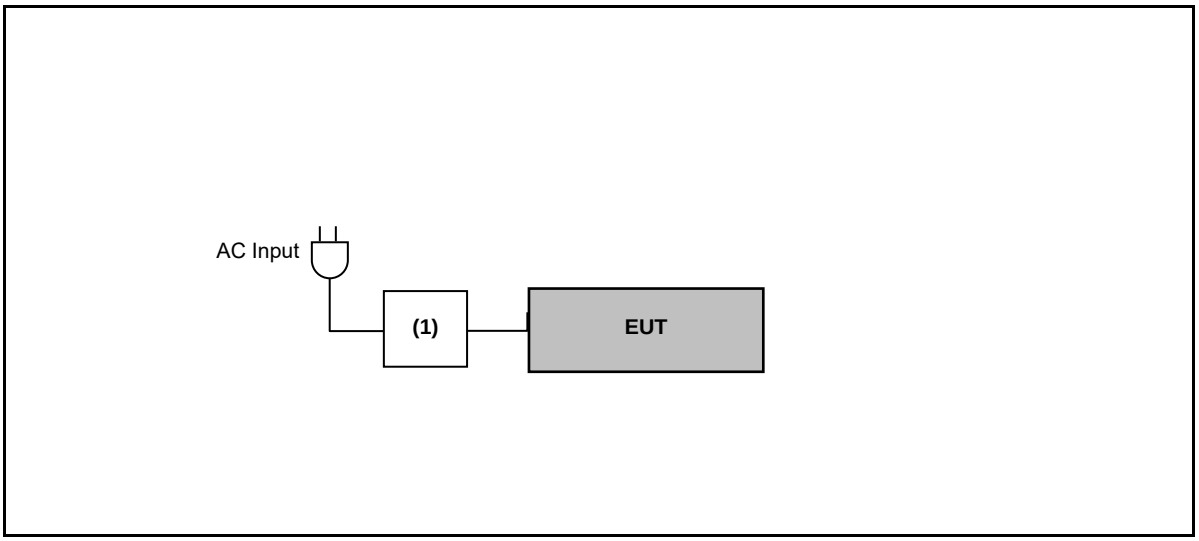
1.	Setup the EUT shown on “Configuration of Test System Details”.
2.	Turn on the power of all equipment.
3.	Turn on TX function.
4.	EUT run test program.

3.3. Configuration of Test System Details

Conduction Emission



Radiated Emission



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

3.4. Test Instruments

For Conducted Emission
Test Period: May 14, 2022
Testing Engineer: Chi Chang

Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Test Receiver	R&S	ESCI	100367	May 21, 2021	1 year
☐	Test Receiver	R&S	ESCI	100722	Nov. 02, 2021	1 year
☐	Test Receiver	R&S	ESCI	101000	Nov. 26, 2021	1 year
☒	LISN	R&S	ENV216	101040	Apr. 06, 2022	1 year
☒	LISN	R&S	ENV216	101041	Apr. 15, 2022	1 year
☒	RF Cable	Woken	00100D1380194M	TE-02-03	May 28, 2021	1 year
☒	Software	EZ EMC	1.1.4.3	N/A	N.C.R.	---

For Conducted
Test Period: May 04 ~ Sep. 15, 2022
Testing Engineer: Jeremy 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
☒	Spectrum Analyzer	R&S	FSU26	201118	Jan. 12, 2022	1 year
☐	Temperature & Humidity Chamber	TAICHY	MHU-225LA	980729	Mar. 30, 2021	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

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

For Radiated Emissions
Test Period: Apr. 21 ~ 24, 2022
Testing Engineer: Louis Shen, Marc Yeh

Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Spectrum Analyzer (10 Hz~44 GHz)	Keysight	N9010A	MY52221312	Jan. 13, 2022	1 year
☐	Spectrum Analyzer (3 Hz~50 GHz)	Agilent	N9030A	MY53120541	Jan. 05, 2022	1 year
☐	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	Jan. 14, 2022	1 year
☐	Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A10961	Jul. 06, 2021	1 year
☒	Preamplifier (10k Hz~3000 MHz)	EMCI	EMC001330	980862	Nov. 30, 2021	1 year
☐	Amplifier (1 GHz~26.5 GHz)	Agilent	8449B	3008A02237	Oct. 21, 2021	1 year
☒	Pre Amplifier (1~26.5 GHz)	Agilent	8449B	3008A02455	Jul. 12, 2021	1 year
☐	Preamplifier (1 GHz~26.5 GHz)	EMCI	EMC012645SE	980289	Jan. 13, 2022	1 year
☒	Preamplifier (26.5 GHz~40 GHz)	EMCI	EMC2654045	980028	Aug. 19, 2021	1 year
☐	Loop Antenna (9 kHz~30 MHz)	COM-POWER CORPORATION	AL-130	121014	Apr. 07, 2021	1 year
☐	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	01146	Jul. 19, 2021	1 year
☐	Trilog Broadband Antenna (30 kHz~1 GHz)	Schwarzbeck Mess-Elektronik	VULB9168	416	Nov. 17, 2021	1 year
☐	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	02207	Jul. 09, 2021	1 year
☒	Broadband Horn Antenna (1 GHz~18 GHz)	Schwarzbeck Mess-Elektronik	9120D	9120D-550	Aug. 24, 2021	1 year
☒	Broadband Horn Antenna (18 GHz~40 GHz)	Schwarzbeck Mess-Elektronik	9170	9170-320	Aug. 24, 2021	1 year
☐	Horn Antenna (18 GHz~40 GHz)	ETS	3116	00086467	Dec. 03, 2021	1 year
☒	Microwave Cable	EMCI	EMC104-SM-SM-13000	170814	Feb. 18, 2022	1 year
☒	Microwave Cable	SUHNER	suflex104	313229/4	Fed. 18, 2022	1 year
☐	Microwave Cable	EMCI	EMC102-KM-KM-14000	151001	Feb. 18, 2022	1 year

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

Radiation test sites		Semi Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Cable	EMCI	EMCCFD400-NM-NM-6000	210902	Feb. 18, 2022	1 year
☐	RF Cable (30-1000 MHz)	EMCI	EMC104-N-N-2000	TE01-2	Feb. 18, 2022	1 year
☐	RF Cable (30-1000 MHz)	EMCI	EMC104-N-N-6000	TE01-1	Feb. 18, 2022	1 year
☐	RF Cable (30-1000 MHz)	EMCI	EMC 106-SM-NM-1000	171219 (TE01-3)	Feb. 18, 2022	1 year
☐	Bluetooth Tester	R&S	CBT	100350	Mar. 17, 2021	2 years
☐	Wireless Connectivity Tester	R&S	CMW270	102208	Jun. 02, 2021	1 year
☐	Power Supply	KEITHLEY	2303	4045290	Jan. 19, 2022	1 year
☒	Software	EZ EMC	1.1.4.4	N/A	N.C.R.	---

Test Period: Apr. 27, 2022
Testing Engineer: Jeremy Lin

Radiation test sites		Fully Anechoic Room				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Spectrum Analyzer	Agilent	E4446A	MY46180578	Sep. 11, 2021	1 year
☒	Spectrum Analyzer (10 Hz~26.5 GHz)	Keysight	N9010B	MY59071418	Mar. 16, 2022	1 year
☒	Preamplifier (1 GHZ~26.5 GHz)	EMCI	EMC012645SE	980266	Aug. 23, 2021	1 year
☐	Preamplifier (1 GHZ~26.5 GHz)	EMCI	EMC012645SE	980289	Jan. 13, 2022	1 year
☐	Preamplifier (26.5 GHz~40 GHz)	EMCI	EMC2654045	980028	Aug. 19, 2021	1 year
☐	Double Ridged Horn Antenna (1 GHZ~18 GHz)	ETS	3117	00152321	Sep. 17, 2021	1 year
☒	Double Ridged Guide Antenna (1 GHZ~18 GHz)	ETS	3115	00070475	May 18, 2022	1 year
☒	RF Cable	EMCI	EMC102-KM-KM-8000	001	Feb. 17, 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

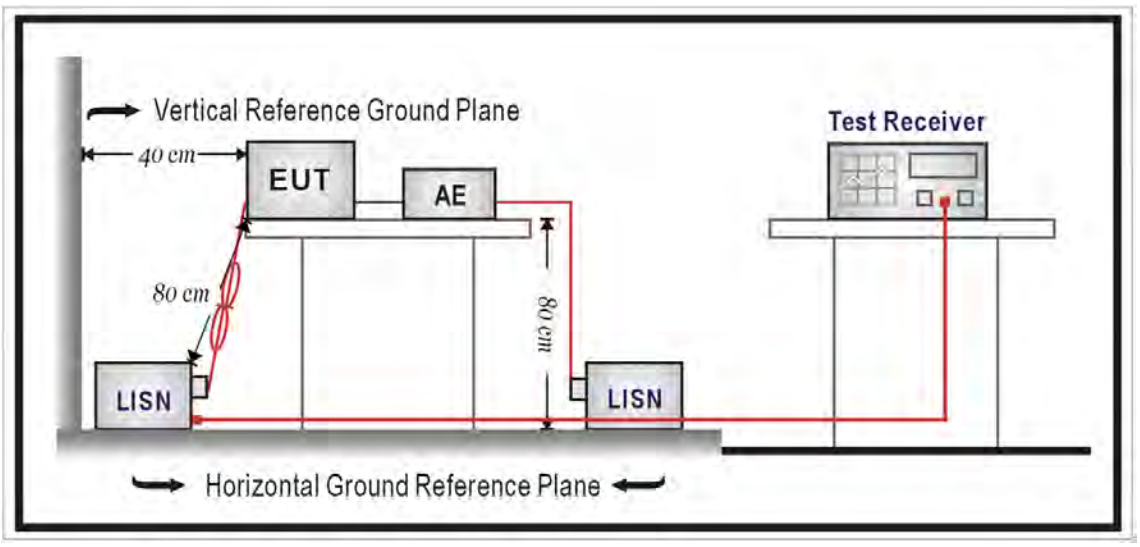
4 Measurement Procedure

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 band 5925~6425 MHz, 6425~6525 MHz, 6525~6875 MHz and 6875~7125 MHz all emissions outside the band 5925~7125 MHz shall not exceed -27 dBm/MHz E.I.R.P..

E.I.R.P. (dBm/MHz)	Avg Field Strength at 3 m(dBuV/m)
-7 (Peak)	88.2 (Peak)
-27 (AVG)	68.2 (AVG)

(2)Limits of Radiated Emission Measurement

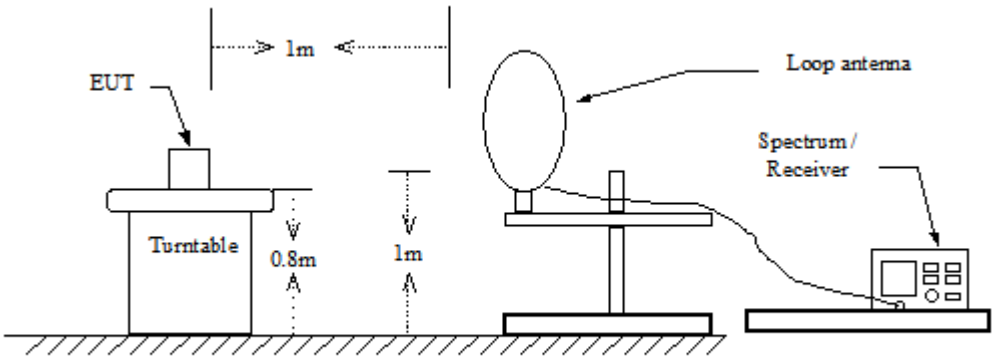
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

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

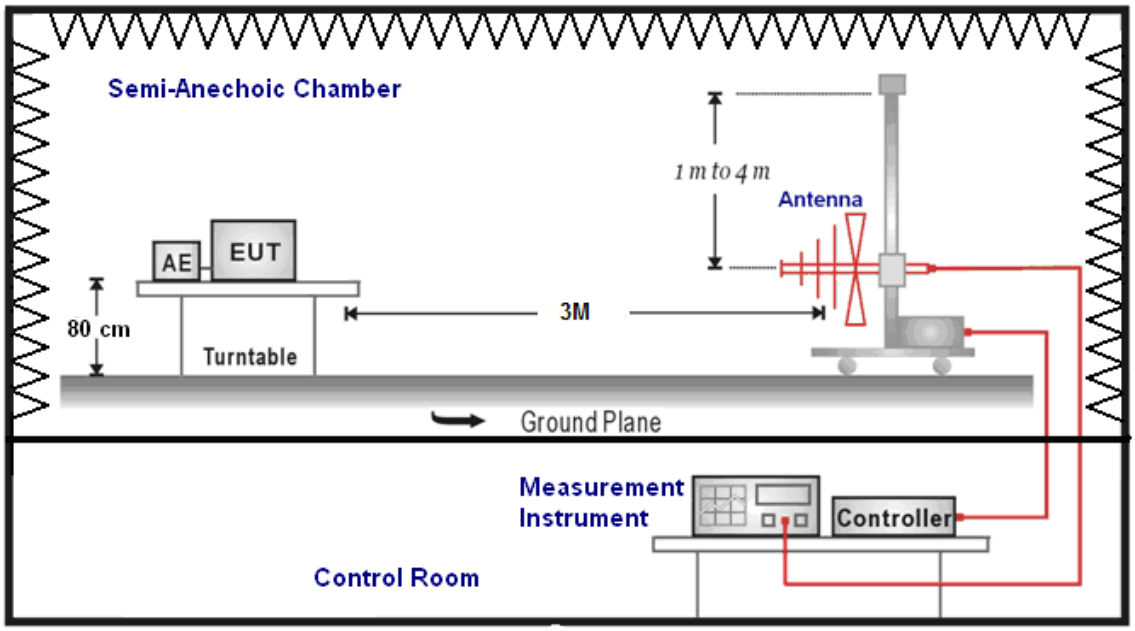
Note: 1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed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

■ **Setup**

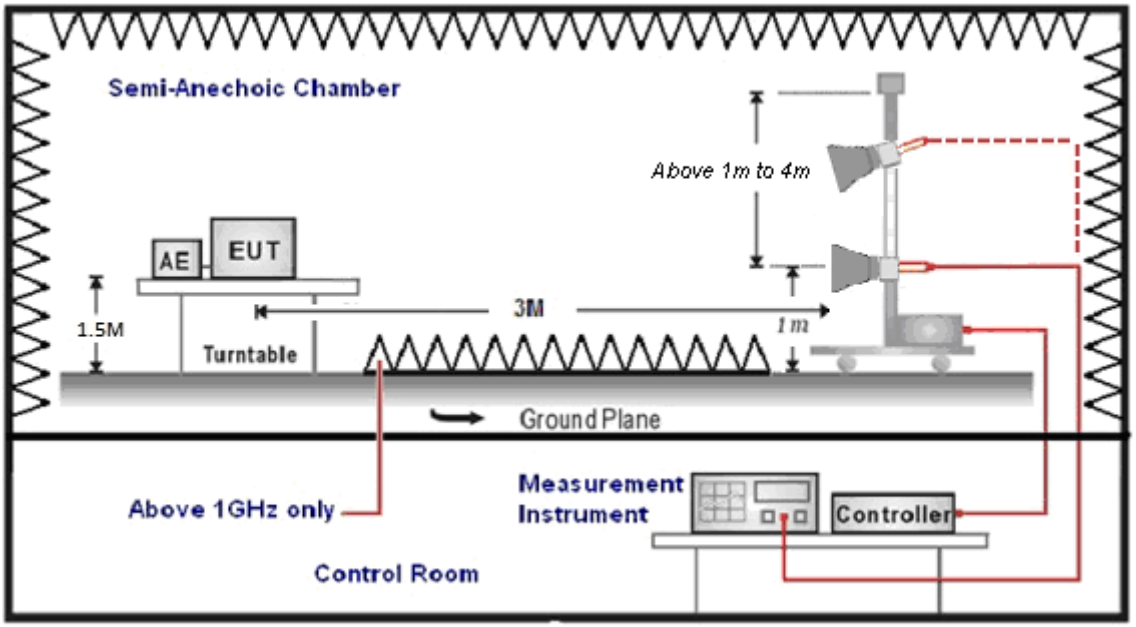
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz


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

■ **Test Procedure**

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 or 1.5 meters height (below 1 GHz use 0.8 m turntable / above 1 GHz use 1.5 m turntable), top surface 1.0 x 1.5 meter. 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/m), and cable loss (dB) and Subtracting the gain of preamplifier (dB) is auto calculate in spectrum analyzer.

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

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 1 MHz / (1/T) for Average (Only WLAN 6G)

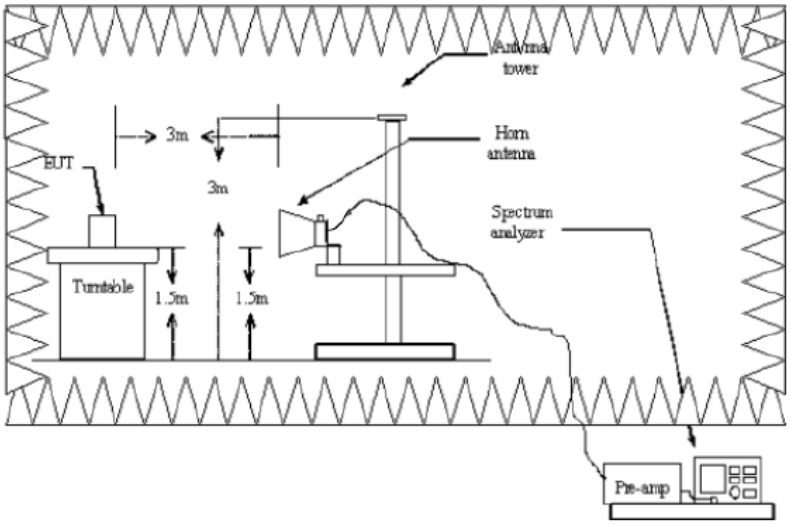
4.3. Maximum Output Power Measurement

■ **Limit**

Frequency Range (GHz)		Maximum Output Power Limit	
■	5.925 ~ 6.425	☐	For standard power access point and fixed client device : e.i.r.p. ≦ 36dBm, For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125mW (21dBm).
		■	For indoor access point : e.i.r.p. ≦ 30dBm.
		☐	For subordinate device control of an indoor access point : e.i.r.p. ≦ 30dBm.
		☐	For client device control of a standard power access point : e.i.r.p. ≦ 30dBm.
		☐	For client device control of an indoor access point : e.i.r.p. ≦ 24dBm.
■	6.425 ~ 6.525	■	For indoor access point : e.i.r.p. ≦ 30dBm.
		☐	For client device control of an indoor access point : e.i.r.p. ≦ 24dBm.
■	6.525 ~ 6.875	☐	For standard power access point and fixed client device : e.i.r.p. ≦ 36dBm, For outdoor devices, the maximum e.i.r.p. at any elevation angle above 30 degrees not exceed 125mW (21dBm).
		■	For indoor access point : e.i.r.p. ≦ 30dBm.
		☐	For subordinate device control of an indoor access point : e.i.r.p. ≦ 30dBm.
		☐	For client device control of a standard power access point : e.i.r.p. ≦ 30dBm.
		☐	For client device control of an indoor access point : e.i.r.p. ≦ 24dBm.
■	6.875 ~ 7.125	■	For indoor access point : e.i.r.p. ≦ 30dBm.
		☐	For client device control of an indoor access point : e.i.r.p. ≦ 24dBm.

For Radiation Method

■ **Test Setup**



■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.3.2, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices.

Accordance with ANSI C63.10:2013 section 12.1.2 use radiated compliance measurements.

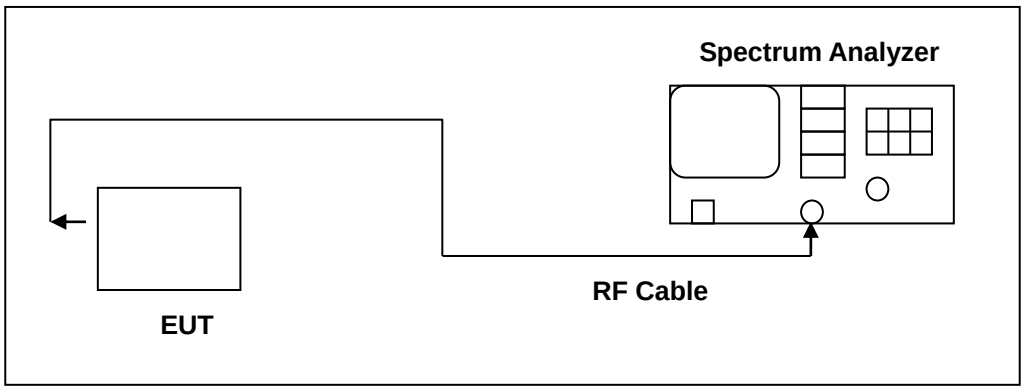
1. The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a antenna tower.
3. The height of antenna is fixed 1.5 meter , Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. Perform a EIRP level measurement and record the worse read value, is the EIRP level value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor.

4.4. Emission Bandwidth Measurement

■ **Limit**

≤ 320 MHz

■ **Test Setup**



■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.4 Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Subpart E.

For 26 dB Bandwidth:

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

For 99% Bandwidth:

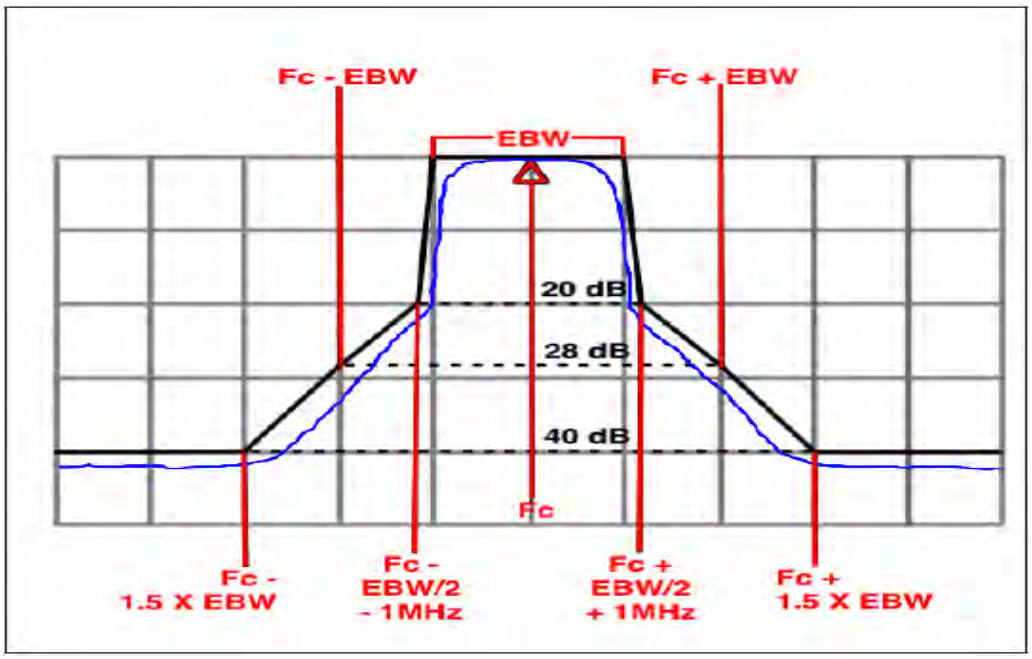
The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission.

The following procedure shall be used for measuring 99% power bandwidth:

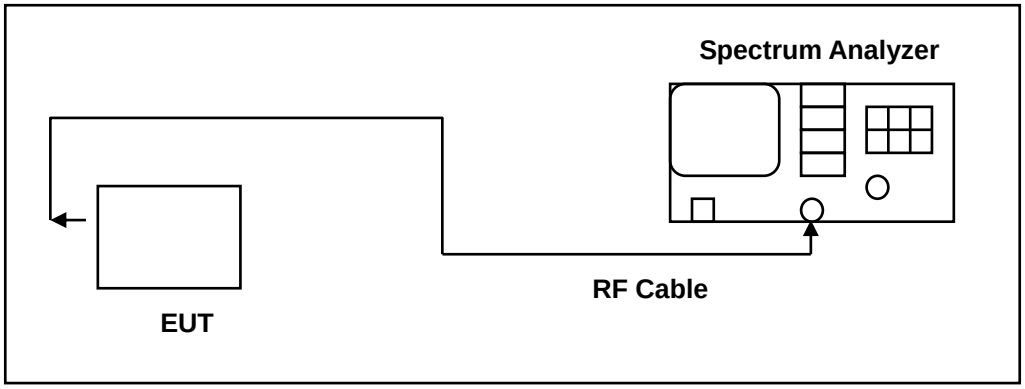
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	1.5 times and 5.0 times the OBW
RBW	Approximately 1 % ~ 5 % of the emission bandwidth
VBW	VBW > RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

4.5. In-Band Emission (Mask) Measurement

- **Limit**



- **Test Setup**



■ **Test Procedure**

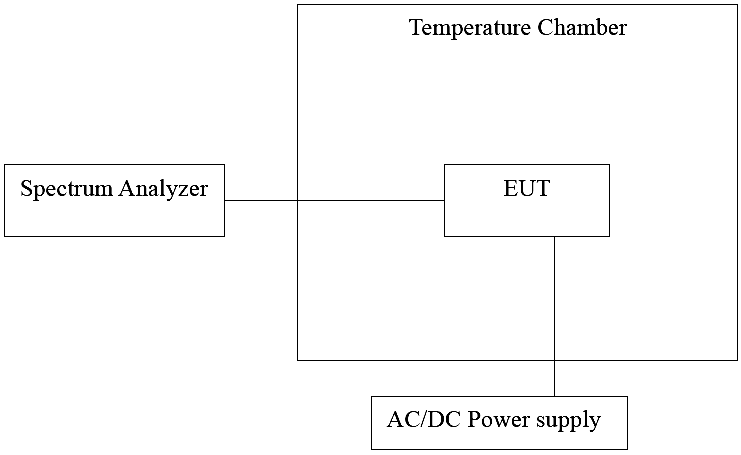
1. Connect output of the antenna port to a spectrum analyzer.
2. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013.
3. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
   a) Set the span to encompass the entire 26 dB EBW of the signal.
   b) Set RBW = same RBW used for 26 dB EBW measurement.
   c) Set VBW ≥ 3 X RBW
   d) Number of points in sweep ≥ [2 X span / RBW].
   e) Sweep time = auto.
   f) Detector = RMS (i.e., power averaging)
   g) Trace average at least 100 traces in power averaging (rms) mode.
   h) Use the peak search function on the instrument to find the peak of the spectrum.
4. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
5. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
   a) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
   b) Suppressed by 28 dB at one channel bandwidth from the channel center.
   c) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
6. Adjust the span to encompass the entire mask as necessary.
7. Clear trace.
8. Trace average at least 100 traces in power averaging (rms) mode.
9. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

4.6. Frequency Stability Measurement

- **Limit**

The carrier frequency remains within the operating frequency band.

- **Test Setup**



■ **Test Procedure**

1. The EUT and test equipment were set up as shown on the following section.
2. Turn the on and couple its output to a spectrum analyzer.
3. Turn the EUT off and set the chamber to highest temperature specified.
4. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT ON and record the operating frequency at startup, and at 2 minutes, 5 minutes, and 10 minutes after the EUT is energized.
5. Repeat step 4 with the temperature chamber set to the lower the chamber temperature by not more that 10 °C, and allow the temperature inside the chamber to stabilize.
6. The test chamber was allowed to stabilize at +20℃ for a minimum of 30 minutes. The supply voltage was then adjusted of the EUT form 85% (or end point) to 115% and the frequency record.

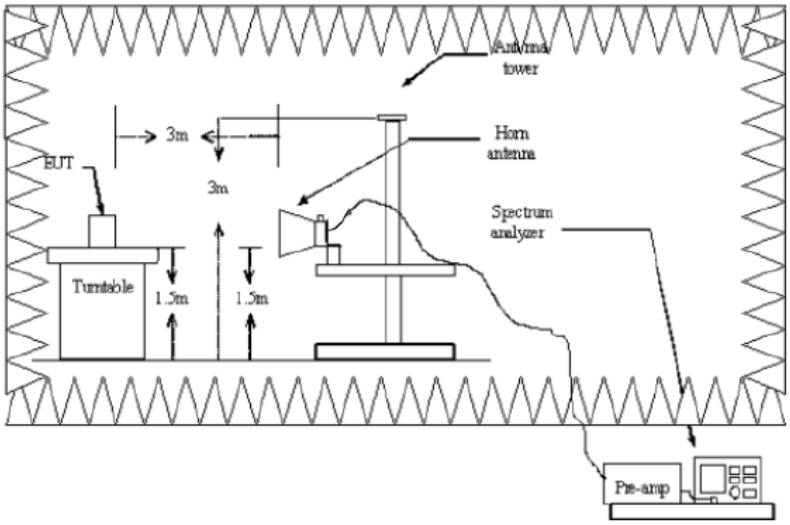
4.7. Maximum Power Spectral Density Measurement

■ **Limit**

Frequency Range (GHz)		Maximum Power Spectral Density Limit	
■	5.925 ~ 6.425	☐	For standard power access point and fixed client device : e.i.r.p. PSD ≤ 23 dBm/MHz.
		■	For indoor access point : e.i.r.p. PSD ≤ 5 dBm/MHz.
		☐	For subordinate device control of an indoor access point : e.i.r.p. PSD ≤ 5 dBm/MHz.
		☐	For client device control of a standard power access point : e.i.r.p. PSD ≤ 17 dBm/MHz.
		☐	For client device control of an indoor access point : e.i.r.p. PSD ≤ -1 dBm/MHz.
■	6.425 ~ 6.525	■	For indoor access point : e.i.r.p. PSD ≤ 5 dBm/MHz.
		☐	For client device control of an indoor access point : e.i.r.p. PSD ≤ -1 dBm/MHz.
■	6.525 ~ 6.875	☐	For standard power access point and fixed client device : e.i.r.p. PSD ≤ 23 dBm/MHz.
		■	For indoor access point : e.i.r.p. PSD ≤ 5 dBm/MHz.
		☐	For subordinate device control of an indoor access point : e.i.r.p. PSD ≤ 5 dBm/MHz.
		☐	For client device control of a standard power access point : e.i.r.p. PSD ≤ 17 dBm/MHz.
		☐	For client device control of an indoor access point : e.i.r.p. PSD ≤ -1 dBm/MHz.
■	6.875 ~ 7.125	■	For indoor access point : e.i.r.p. PSD ≤ 5 dBm/MHz.
		☐	For client device control of an indoor access point : e.i.r.p. PSD ≤ -1 dBm/MHz.

For Radiation Method

■ **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.

Accordance with ANSI C63.10:2013 section 12.1.2 use radiated compliance measurements.

1. The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a antenna tower.
3. The height of antenna is fixed 1.5 meter , Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. Perform a EIRP level measurement and record the worse read value, is the EIRP level value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	1 MHz
VBW	3 MHz
Detector	RMS
Trace	AVERAGE
Sweep Time	Auto
Trace Average	100 times

4.8. Contention Based Protocol Measurement

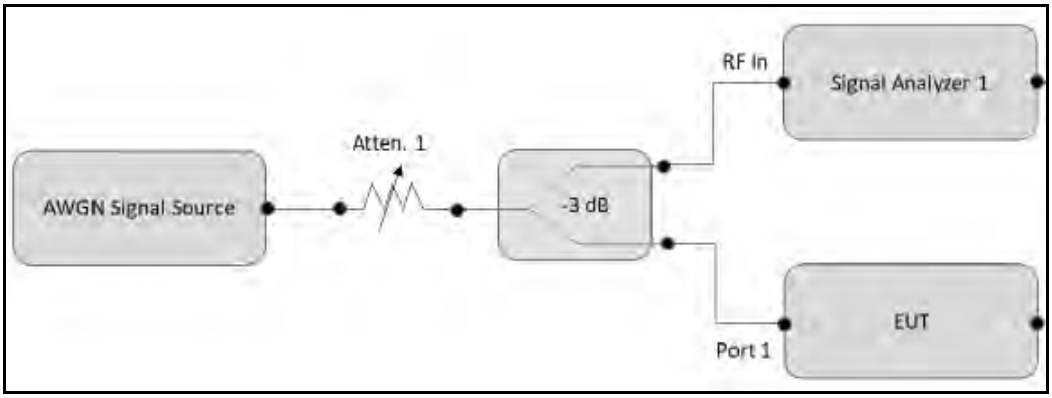
■ **Limit**

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

Table 1. Criteria to determine number of times detection threshold test may be performed

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leq BW_{Inc}$	Once	Tune incumbent and EUT transmissions ($f_{c1} = f_{c2}$)
$BW_{Inc} < BW_{EUT} \leq 2BW_{Inc}$	Once	Incumbent transmission is contained within BW_{EUT}
$2BW_{Inc} < BW_{EUT} \leq 4BW_{Inc}$	Twice. Incumbent transmission is contained within BW_{EUT}	Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel
$BW_{EUT} > 4BW_{Inc}$	Three times	Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel

■ **Test Setup**



■ **Test Procedure**

1. Configure the EUT to transmit with a constant duty cycle.
2. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
3. Set the signal analyzer center frequency to the nominal EEUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT.
4. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
5. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB divider, to the signal analyzer 1 and the EUT as shown in Test Setup.
6. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
7. Monitor the signal analyzer to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
8. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
9. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step 4, choose a different center frequency for the AWGN signal and repeat the process.

4.9. Operational restrictions for 6 GHz U-NII devices

- **Limits**

In the 5.925-7.125 GHz band, client devices, except fixed client devices, must operate under the control of a standard power access point, indoor access point or subordinate devices; Subordinate devices must operate under the control of an indoor access point.

- **Declare**

Device is an indoor client device under the control of a low power indoor access point. Please refer to the declaration letter exhibit supplied within this application.

4.10. 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.

4.11. Antenna Requirement

- **Limit**

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

- **Antenna Connector Construction**

See section 2 – antenna information.

■ **Directional Gain Calculated**

For Maximum Conducted Output Power

Directional Gain = Max Gain

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ax 20 MHz	U-NII Band 5	2.7
	U-NII Band 6	2.7
	U-NII Band 7	2.7
	U-NII Band 8	2.7
IEEE 802.11ax 40 MHz	U-NII Band 5	2.7
	U-NII Band 6	2.7
	U-NII Band 7	2.7
	U-NII Band 8	2.7
IEEE 802.11ax 80 MHz	U-NII Band 5	2.7
	U-NII Band 6	2.7
	U-NII Band 7	2.7
	U-NII Band 8	2.7

For Maximum Power Density

Directional Gain = GANT + Array Gain

Array Gain is the actual measurement.

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ax 20 MHz	U-NII Band 5	5.47
	U-NII Band 6	5.47
	U-NII Band 7	5.47
	U-NII Band 8	5.47
IEEE 802.11ax 40 MHz	U-NII Band 5	5.47
	U-NII Band 6	5.47
	U-NII Band 7	5.47
	U-NII Band 8	5.47
IEEE 802.11ax 80 MHz	U-NII Band 5	5.47
	U-NII Band 6	5.47
	U-NII Band 7	5.47
	U-NII Band 8	5.47

Beamforming on

For Maximum Conducted Output Power

Directional Gain = GANT + Array Gain

Array Gain is the actual measurement.

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ax 20 MHz	U-NII Band 5	5.47
	U-NII Band 6	5.47
	U-NII Band 7	5.47
	U-NII Band 8	5.47
IEEE 802.11ax 40 MHz	U-NII Band 5	5.47
	U-NII Band 6	5.47
	U-NII Band 7	5.47
	U-NII Band 8	5.47
IEEE 802.11ax 80 MHz	U-NII Band 5	5.47
	U-NII Band 6	5.47
	U-NII Band 7	5.47
	U-NII Band 8	5.47

For Maximum Power Density

Directional Gain = GANT + Array Gain

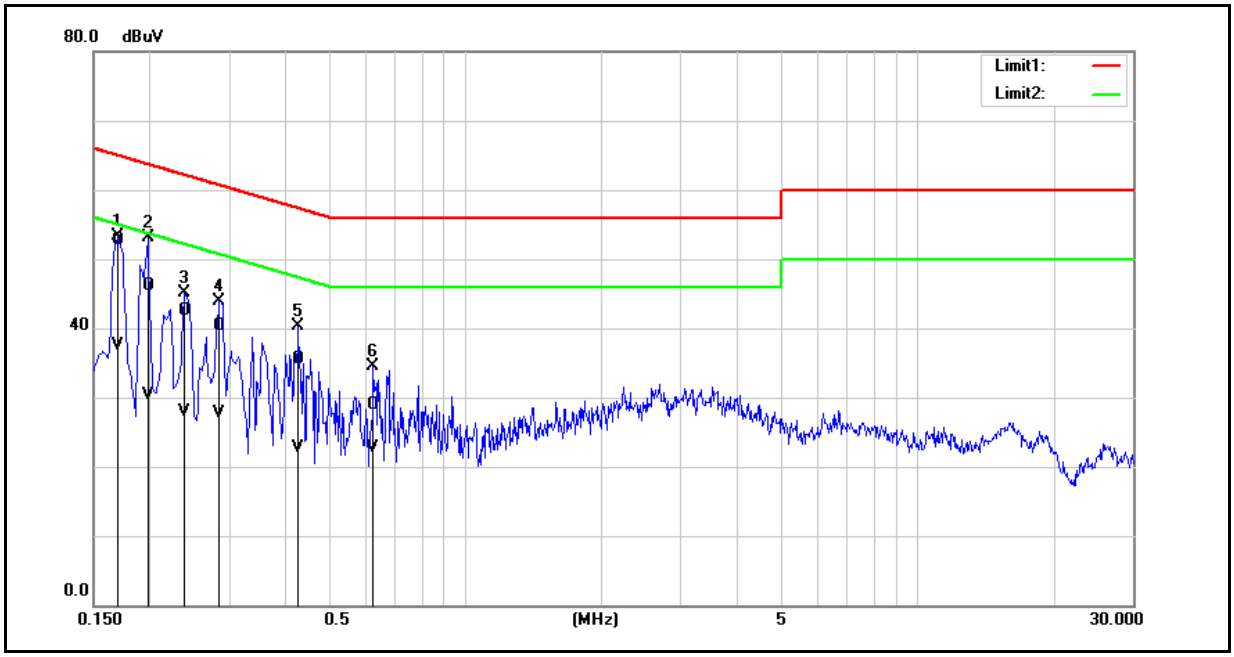
Array Gain is the actual measurement.

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ax 20 MHz	U-NII Band 5	5.47
	U-NII Band 6	5.47
	U-NII Band 7	5.47
	U-NII Band 8	5.47
IEEE 802.11ax 40 MHz	U-NII Band 5	5.47
	U-NII Band 6	5.47
	U-NII Band 7	5.47
	U-NII Band 8	5.47
IEEE 802.11ax 80 MHz	U-NII Band 5	5.47
	U-NII Band 6	5.47
	U-NII Band 7	5.47
	U-NII Band 8	5.47

5 Test Results

5.1. Conducted Emission

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

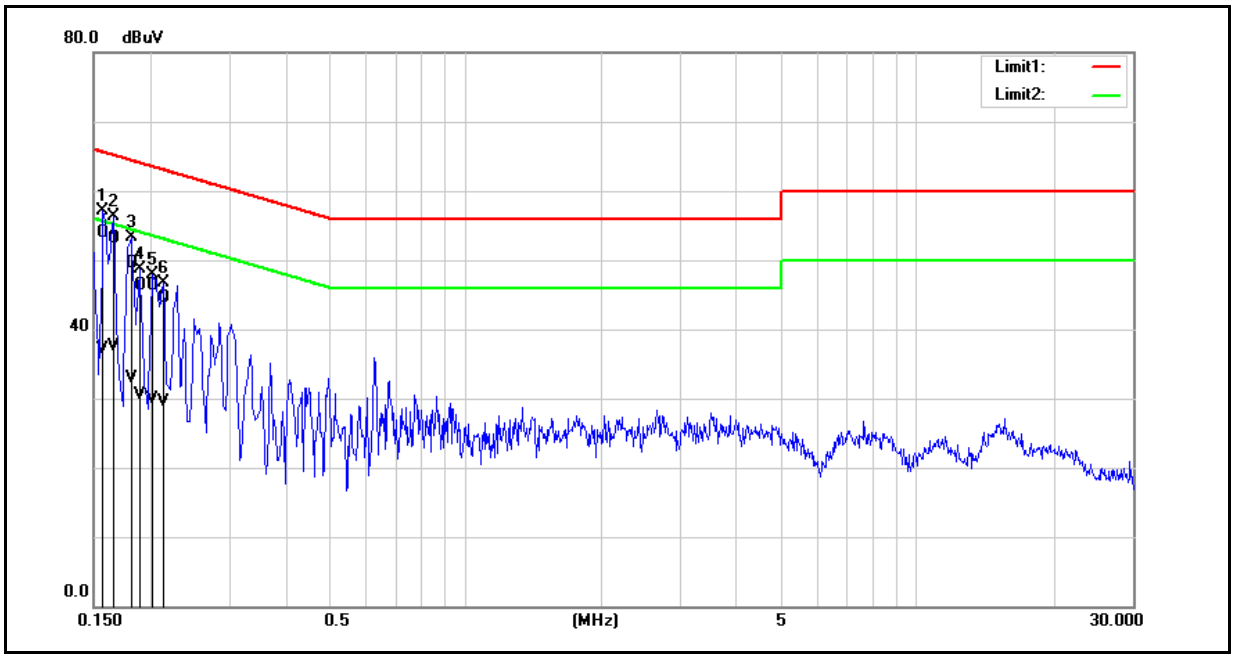


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1700	43.07	27.99	9.60	52.67	37.59	64.96	54.96	-12.29	-17.37	Pass
2	0.1980	36.49	20.67	9.60	46.09	30.27	63.69	53.69	-17.60	-23.42	Pass
3	0.2380	32.83	18.33	9.60	42.43	27.93	62.17	52.17	-19.74	-24.24	Pass
4	0.2860	30.69	18.12	9.60	40.29	27.72	60.64	50.64	-20.35	-22.92	Pass
5	0.4260	25.80	13.18	9.61	35.41	22.79	57.33	47.33	-21.92	-24.54	Pass
6	0.6260	19.37	13.15	9.62	28.99	22.77	56.00	46.00	-27.01	-23.23	Pass

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

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

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



No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1580	44.31	27.40	9.66	53.97	37.06	65.57	55.57	-11.60	-18.51	Pass
2	0.1660	43.36	27.75	9.66	53.02	37.41	65.16	55.16	-12.14	-17.75	Pass
3	0.1820	39.83	23.17	9.66	49.49	32.83	64.39	54.39	-14.90	-21.56	Pass
4	0.1900	36.64	20.88	9.66	46.30	30.54	64.04	54.04	-17.74	-23.50	Pass
5	0.2020	36.73	20.34	9.66	46.39	30.00	63.53	53.53	-17.14	-23.53	Pass
6	0.2140	34.79	19.87	9.66	44.45	29.53	63.05	53.05	-18.60	-23.52	Pass

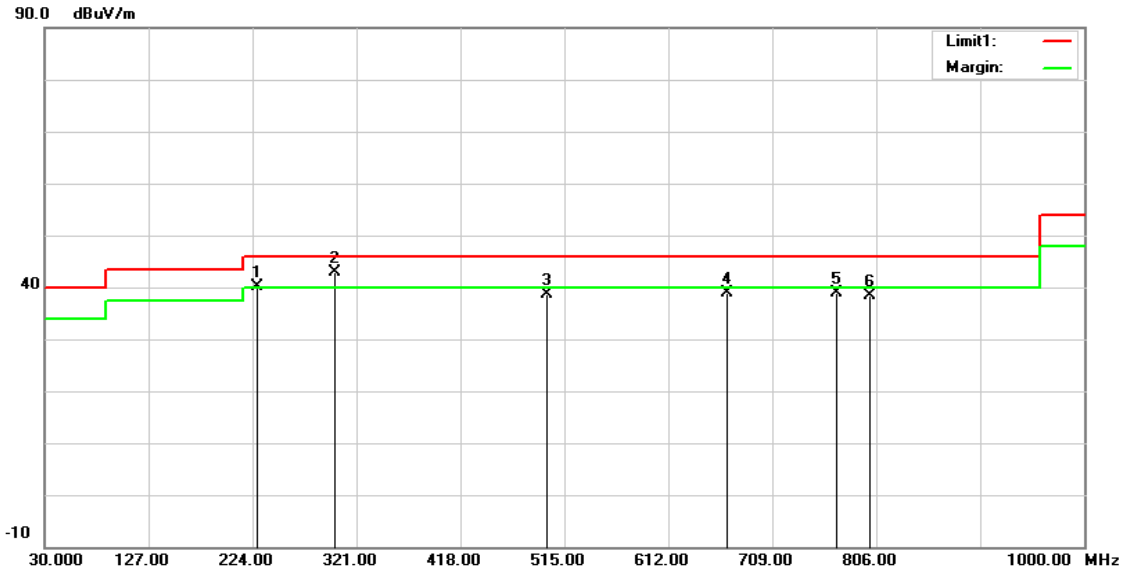
Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

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

5.2. Radiated Emission Measurement

Below 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



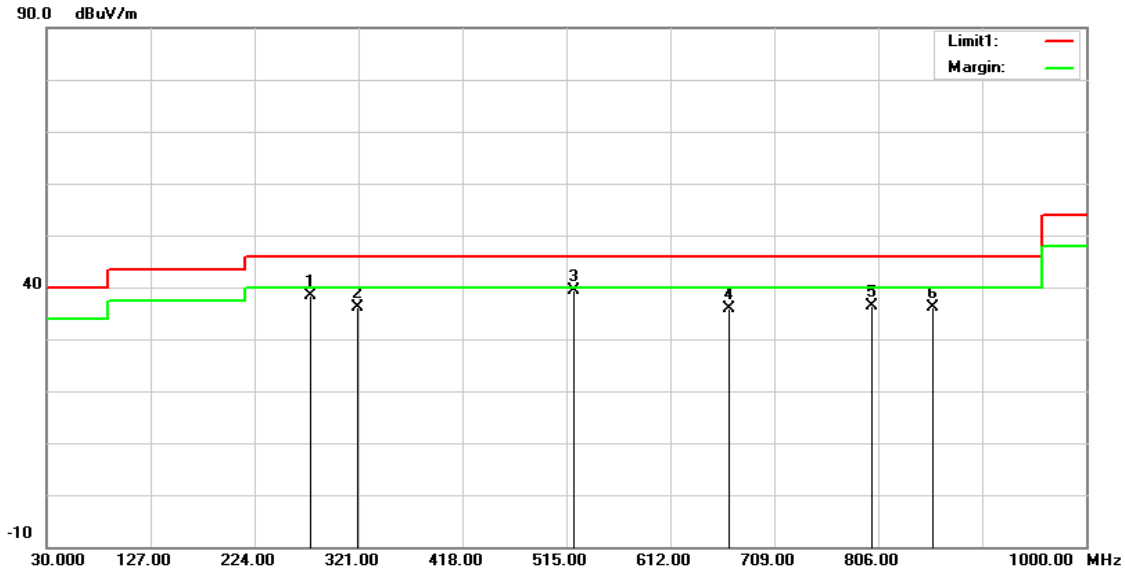
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	228.8500	53.38	-13.17	40.21	46.00	-5.79	QP
2	300.6300	52.43	-9.52	42.91	46.00	-3.09	QP
3	498.5100	43.25	-4.54	38.71	46.00	-7.29	QP
4	667.2900	40.10	-1.28	38.82	46.00	-7.18	QP
5	769.1400	38.40	0.52	38.92	46.00	-7.08	QP
6	800.1800	37.50	0.81	38.31	46.00	-7.69	QP

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	7115 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	276.3800	48.51	-10.15	38.36	46.00	-7.64	QP
2	320.0300	45.35	-9.11	36.24	46.00	-9.76	QP
3	521.7900	43.45	-4.18	39.27	46.00	-6.73	QP
4	667.2900	37.22	-1.28	35.94	46.00	-10.06	QP
5	800.1800	35.58	0.81	36.39	46.00	-9.61	QP
6	856.4400	34.79	1.34	36.13	46.00	-9.87	QP

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

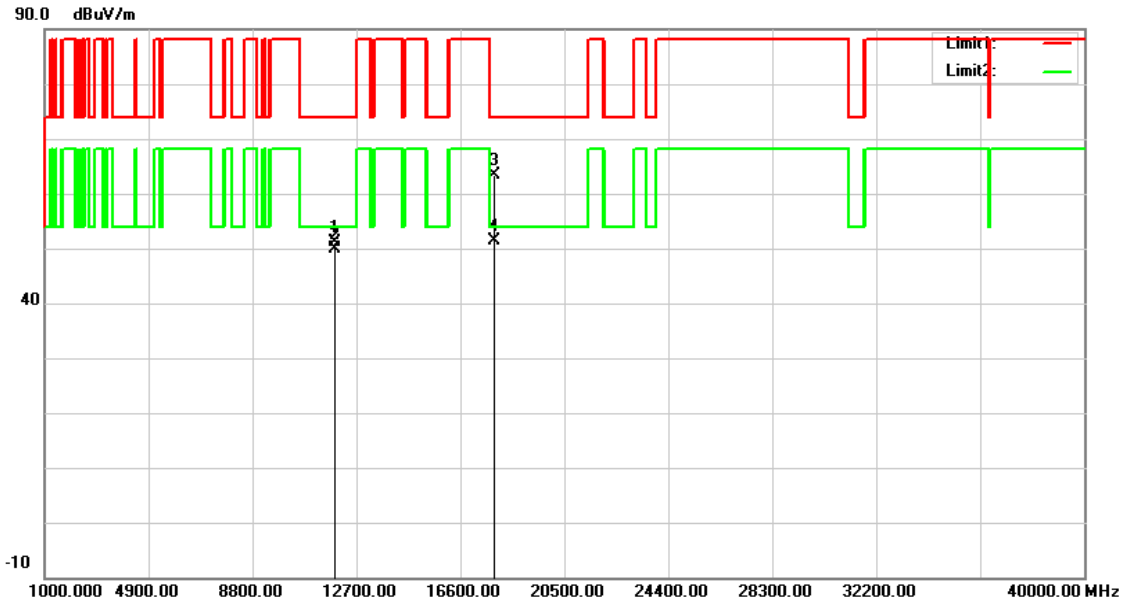
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Harmonic

Above 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



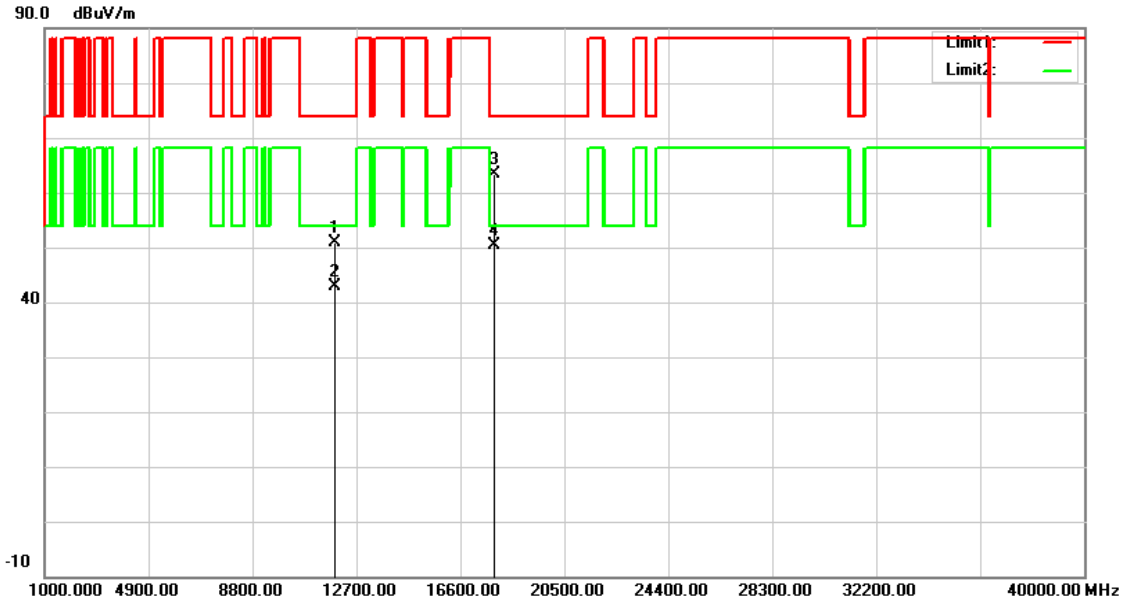
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11910.000	32.78	18.30	51.08	74.00	-22.92	peak
2	11910.000	31.59	18.30	49.89	54.00	-4.11	AVG
3	17865.000	33.04	30.46	63.50	74.00	-10.50	peak
4	17865.000	20.94	30.46	51.40	54.00	-2.60	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



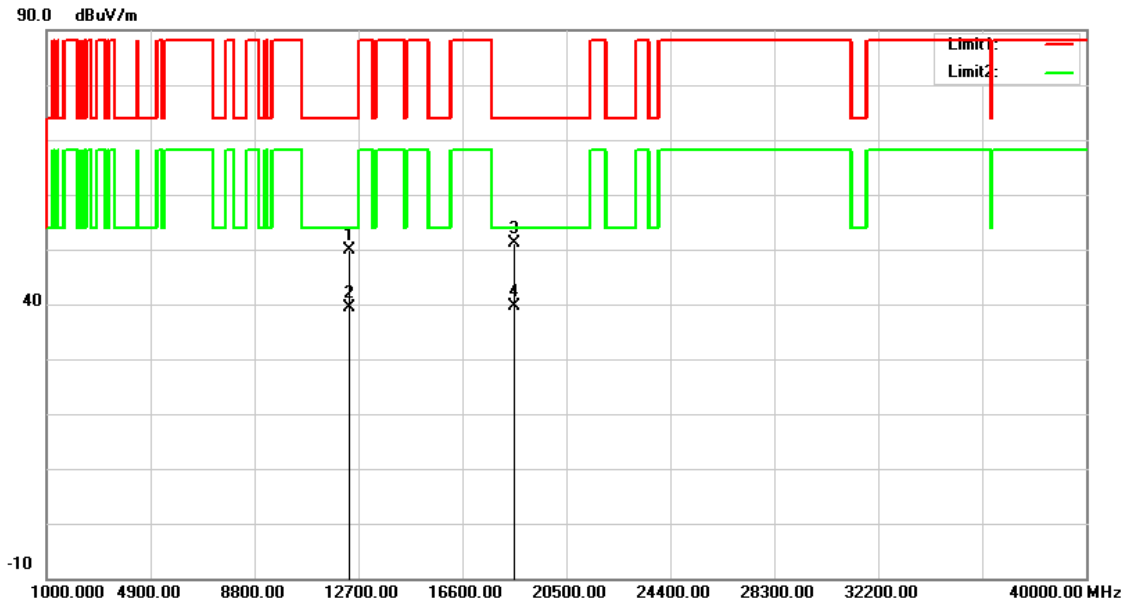
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11910.000	32.59	18.30	50.89	74.00	-23.11	peak
2	11910.000	24.58	18.30	42.88	54.00	-11.12	AVG
3	17865.000	32.80	30.46	63.26	74.00	-10.74	peak
4	17865.000	19.88	30.46	50.34	54.00	-3.66	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6175 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



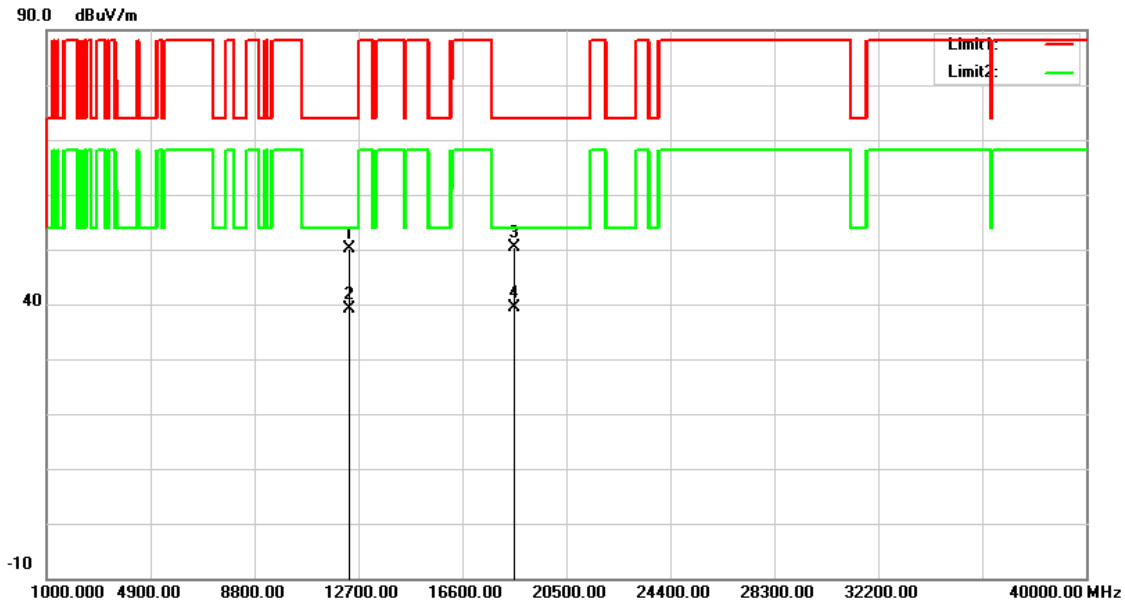
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12350.000	31.08	18.69	49.77	74.00	-24.23	peak
2	12350.000	20.63	18.69	39.32	54.00	-14.68	AVG
3	18525.000	30.72	20.40	51.12	74.00	-22.88	peak
4	18525.000	19.24	20.40	39.64	54.00	-14.36	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6175 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



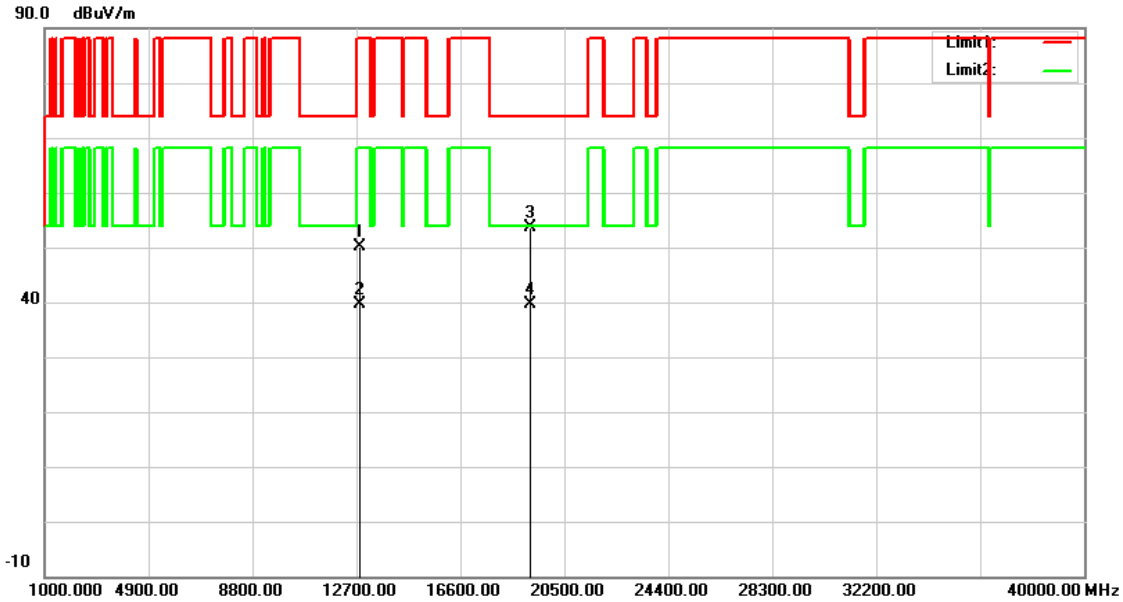
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12350.000	31.50	18.69	50.19	74.00	-23.81	peak
2	12350.000	20.41	18.69	39.10	54.00	-14.90	AVG
3	18525.000	29.90	20.40	50.30	74.00	-23.70	peak
4	18525.000	19.01	20.40	39.41	54.00	-14.59	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6415 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



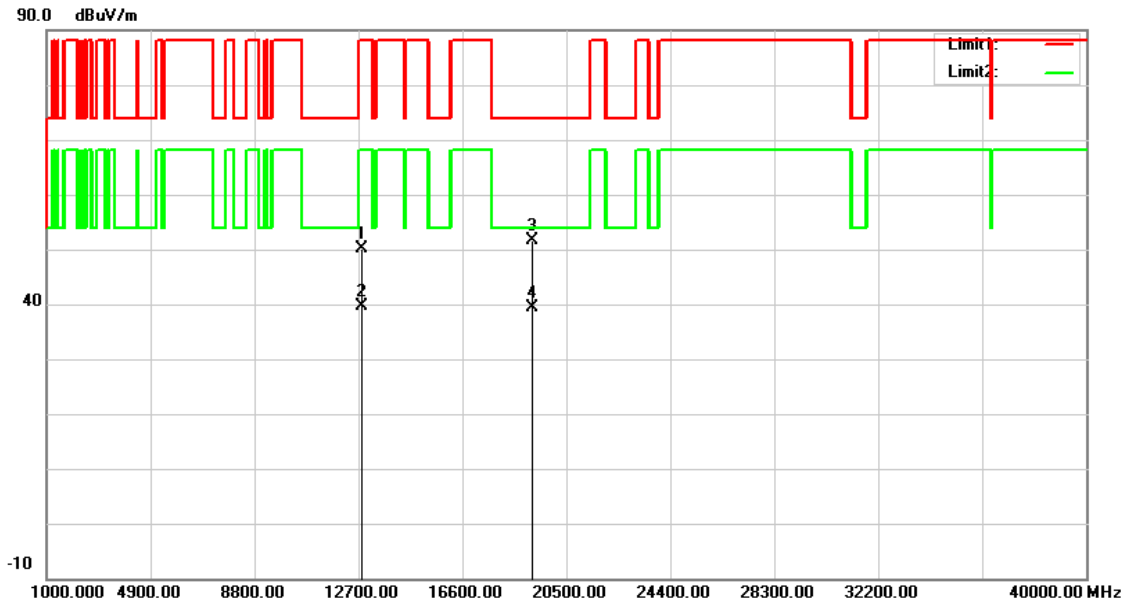
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12830.000	30.37	19.68	50.05	88.20	-38.15	peak
2	12830.000	19.96	19.68	39.64	68.20	-28.56	AVG
3	19245.000	33.26	20.26	53.52	74.00	-20.48	peak
4	19245.000	19.40	20.26	39.66	54.00	-14.34	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6415 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



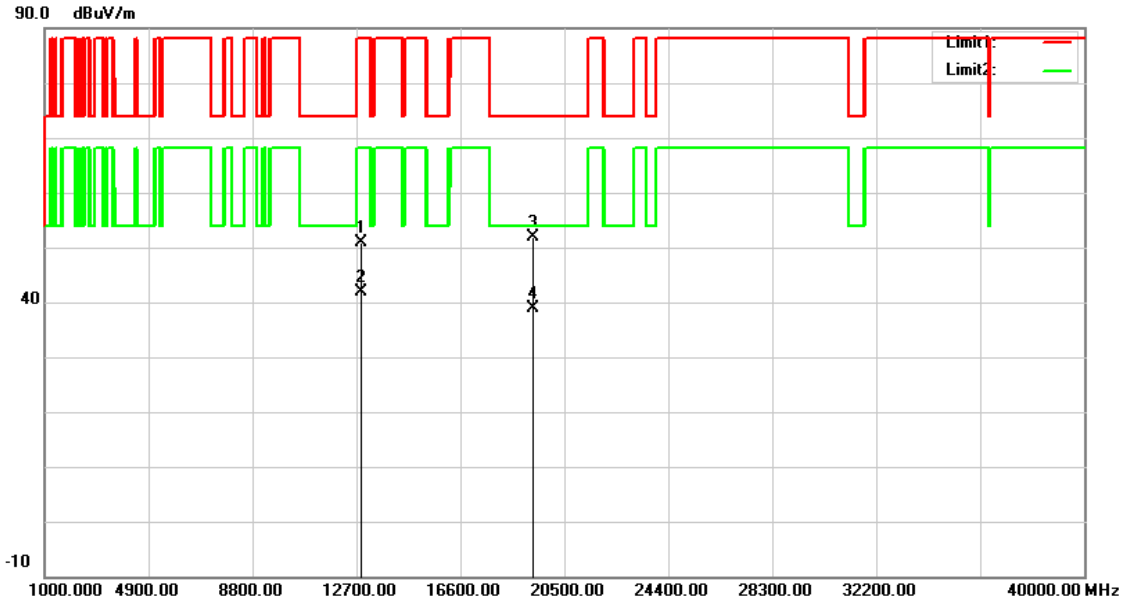
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12830.000	30.35	19.68	50.03	88.20	-38.17	peak
2	12830.000	19.93	19.68	39.61	68.20	-28.59	AVG
3	19245.000	31.44	20.26	51.70	74.00	-22.30	peak
4	19245.000	19.19	20.26	39.45	54.00	-14.55	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6435 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



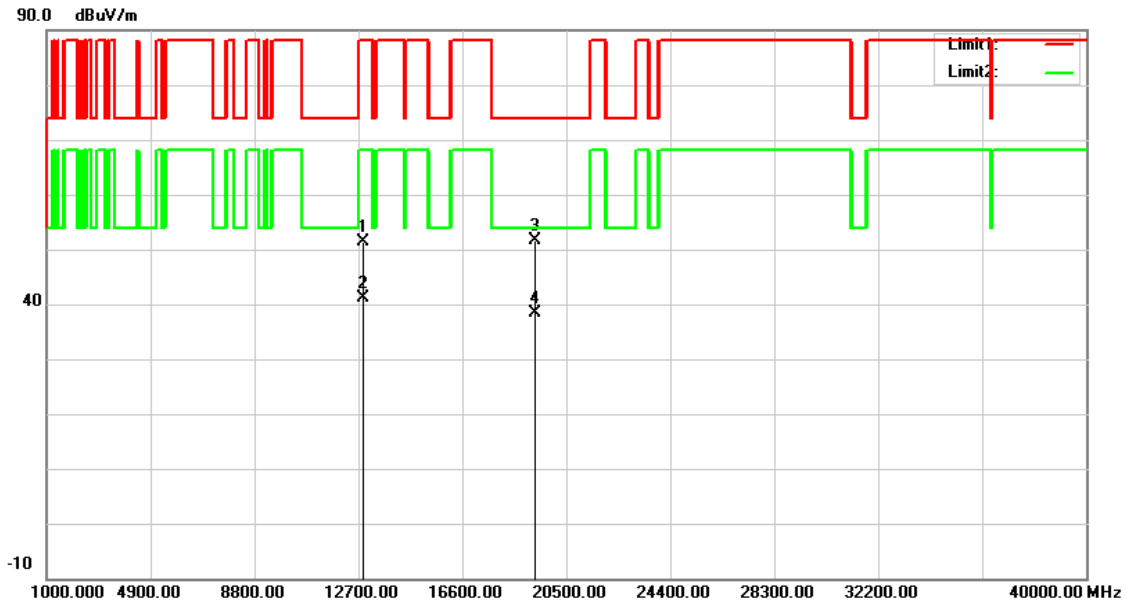
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12870.000	31.23	19.77	51.00	88.20	-37.20	peak
2	12870.000	21.99	19.77	41.76	88.20	-46.44	AVG
3	19305.000	31.67	20.18	51.85	74.00	-22.15	peak
4	19305.000	18.71	20.18	38.89	74.00	-35.11	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6435 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



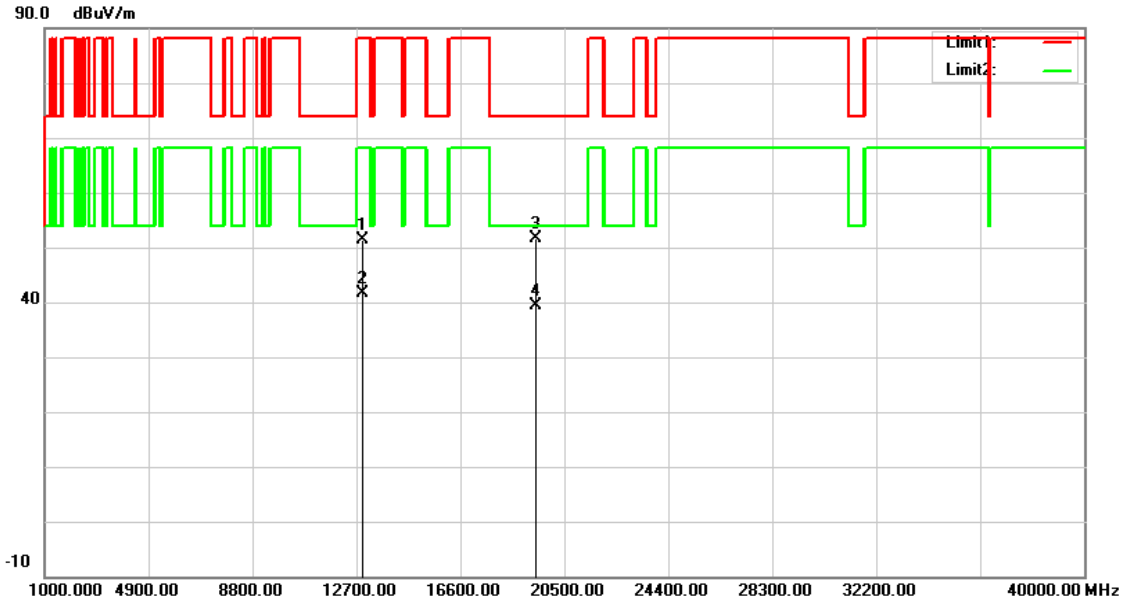
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12870.000	31.54	19.77	51.31	88.20	-36.89	peak
2	12870.000	21.39	19.77	41.16	68.20	-27.04	AVG
3	19305.000	31.50	20.18	51.68	74.00	-22.32	peak
4	19305.000	18.15	20.18	38.33	54.00	-15.67	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6475 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



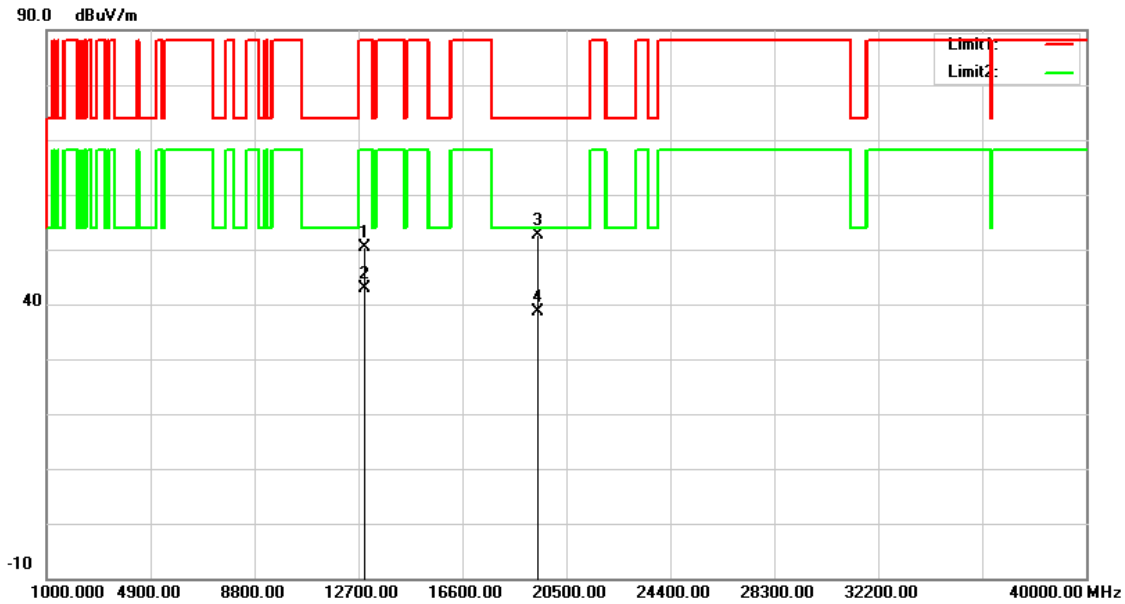
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12950.000	31.52	19.97	51.49	88.20	-36.71	peak
2	12950.000	21.59	19.97	41.56	68.20	-26.64	AVG
3	19425.000	31.71	20.04	51.75	74.00	-22.25	peak
4	19425.000	19.28	20.04	39.32	54.00	-14.68	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6475 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



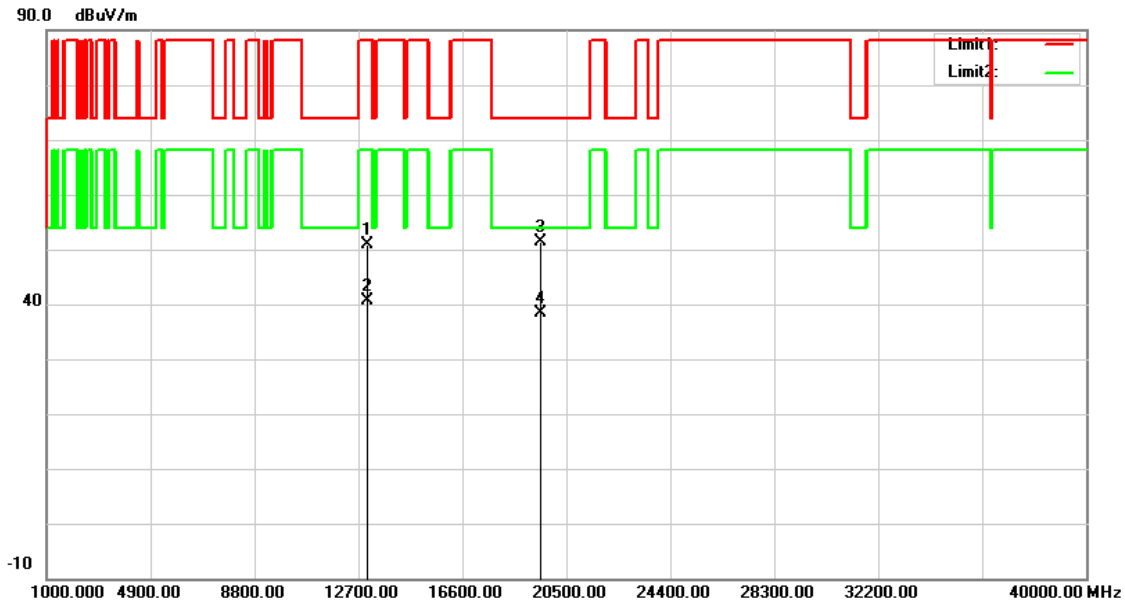
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12950.000	30.36	19.97	50.33	88.20	-37.87	peak
2	12950.000	22.93	19.97	42.90	68.20	-25.30	AVG
3	19425.000	32.50	20.04	52.54	74.00	-21.46	peak
4	19425.000	18.63	20.04	38.67	54.00	-15.33	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6515 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



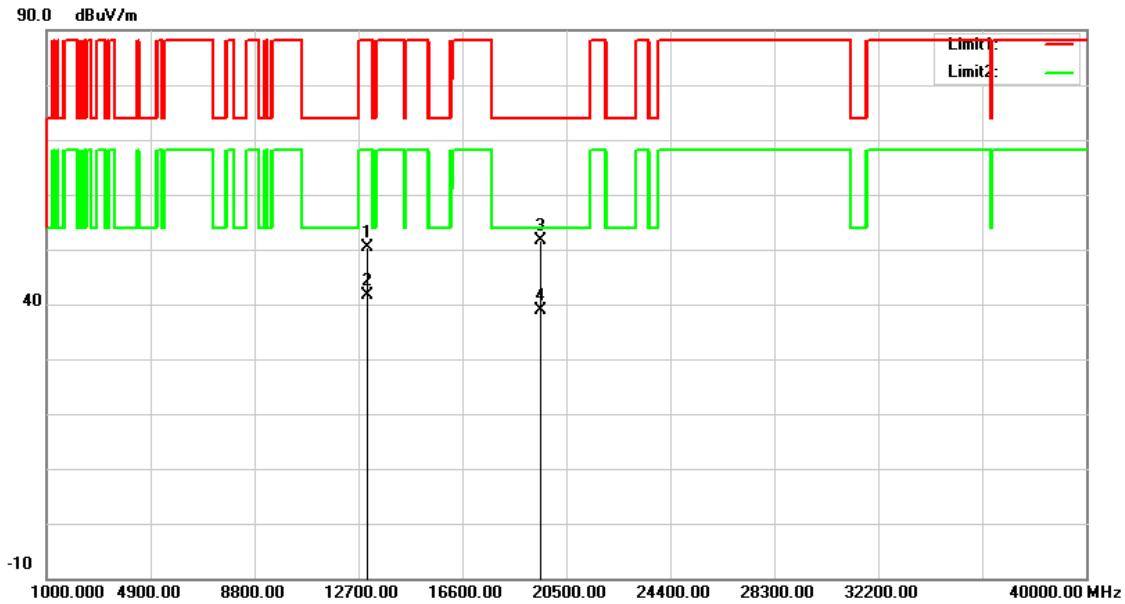
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13030.000	30.68	20.17	50.85	88.20	-37.35	peak
2	13030.000	20.49	20.17	40.66	68.20	-27.54	AVG
3	19545.000	31.44	19.91	51.35	74.00	-22.65	peak
4	19545.000	18.51	19.91	38.42	54.00	-15.58	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6515 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



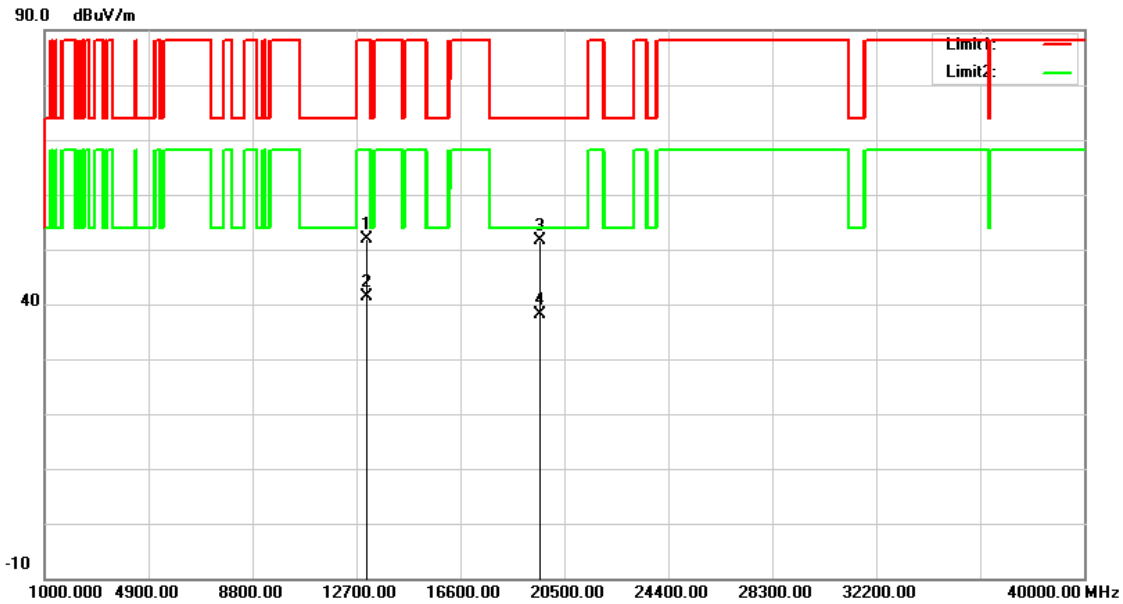
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13030.000	30.12	20.17	50.29	88.20	-37.91	peak
2	13030.000	21.47	20.17	41.64	68.20	-26.56	AVG
3	19545.000	31.84	19.91	51.75	74.00	-22.25	peak
4	19545.000	18.85	19.91	38.76	54.00	-15.24	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6535 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



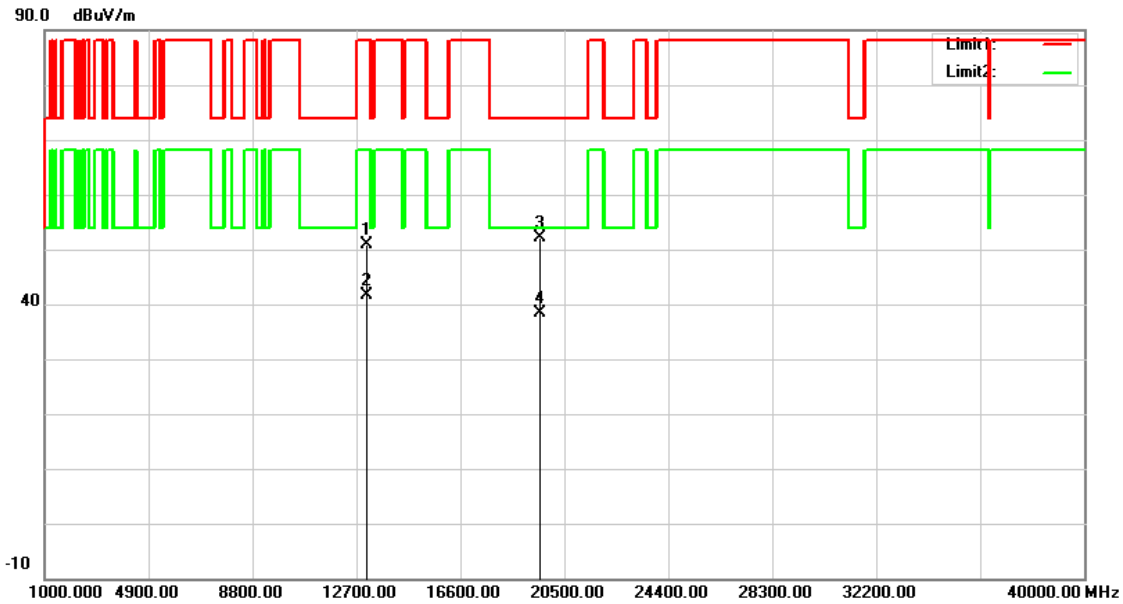
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13070.000	31.60	20.26	51.86	88.20	-36.34	peak
2	13070.000	21.19	20.26	41.45	88.20	-46.75	AVG
3	19605.000	31.90	19.83	51.73	74.00	-22.27	peak
4	19605.000	18.28	19.83	38.11	54.00	-15.89	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6535 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



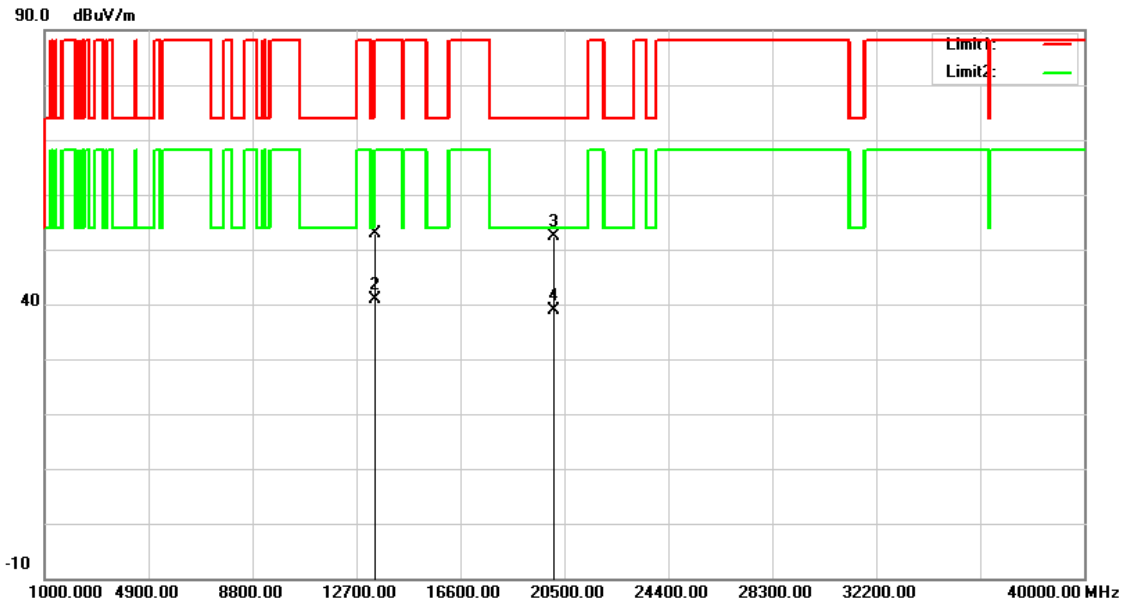
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13070.000	30.51	20.26	50.77	88.20	-37.43	peak
2	13070.000	21.42	20.26	41.68	68.20	-26.52	AVG
3	19605.000	32.35	19.83	52.18	74.00	-21.82	peak
4	19605.000	18.61	19.83	38.44	54.00	-15.56	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6695 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



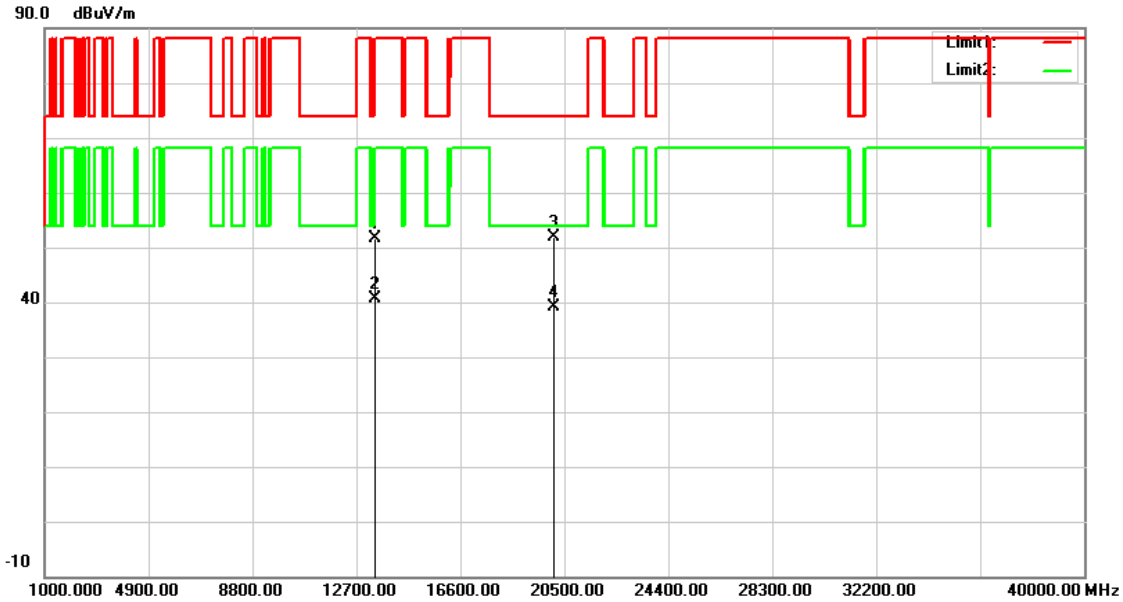
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13390.000	31.91	21.07	52.98	74.00	-21.02	peak
2	13390.000	19.90	21.07	40.97	54.00	-13.03	AVG
3	20085.000	32.95	19.42	52.37	74.00	-21.63	peak
4	20085.000	19.46	19.42	38.88	54.00	-15.12	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6695 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



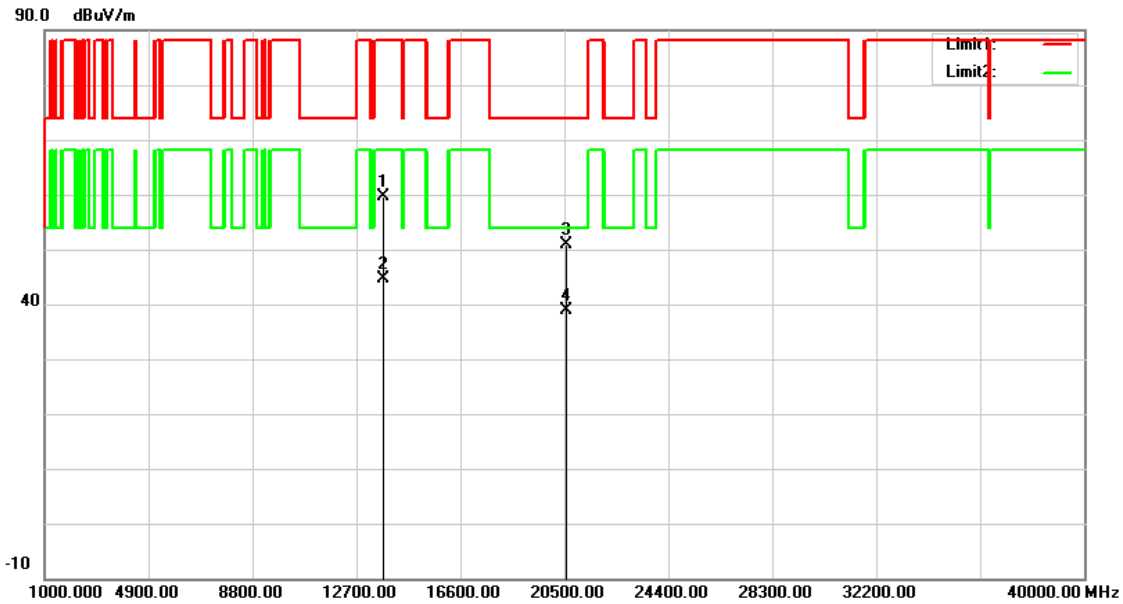
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13390.000	30.46	21.07	51.53	74.00	-22.47	peak
2	13390.000	19.48	21.07	40.55	54.00	-13.45	AVG
3	20085.000	32.35	19.42	51.77	74.00	-22.23	peak
4	20085.000	19.71	19.42	39.13	54.00	-14.87	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6855 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



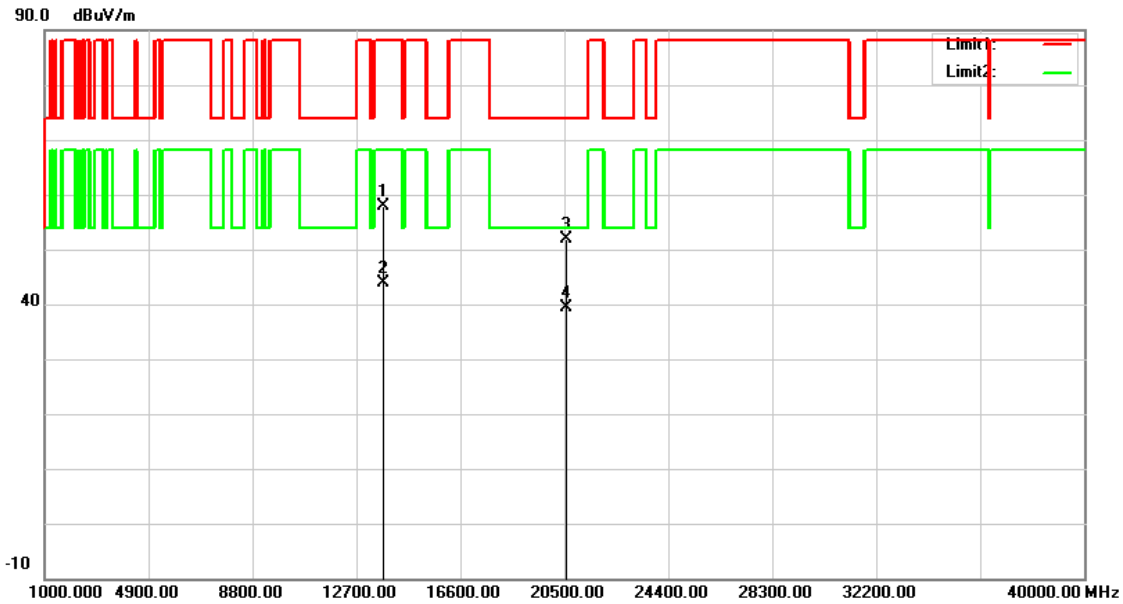
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13710.000	37.69	21.95	59.64	88.20	-28.56	peak
2	13710.000	22.78	21.95	44.73	68.20	-23.47	AVG
3	20565.000	31.23	19.69	50.92	74.00	-23.08	peak
4	20565.000	19.29	19.69	38.98	54.00	-15.02	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6855 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



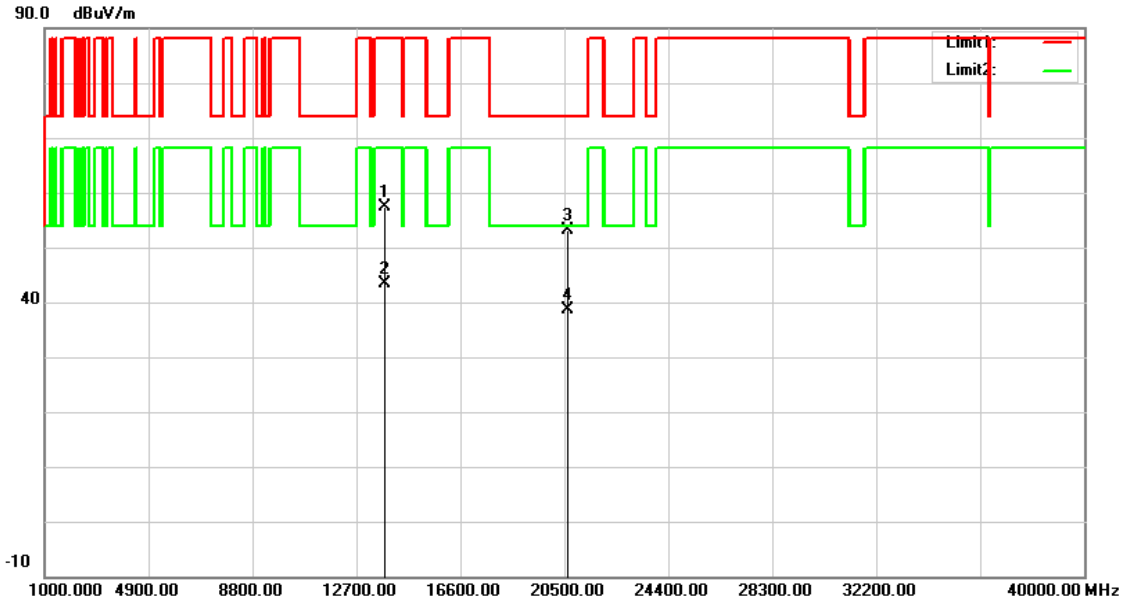
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13710.000	35.85	21.95	57.80	88.20	-30.40	peak
2	13710.000	21.91	21.95	43.86	68.20	-24.34	AVG
3	20565.000	32.30	19.69	51.99	74.00	-22.01	peak
4	20565.000	19.75	19.69	39.44	54.00	-14.56	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6875 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



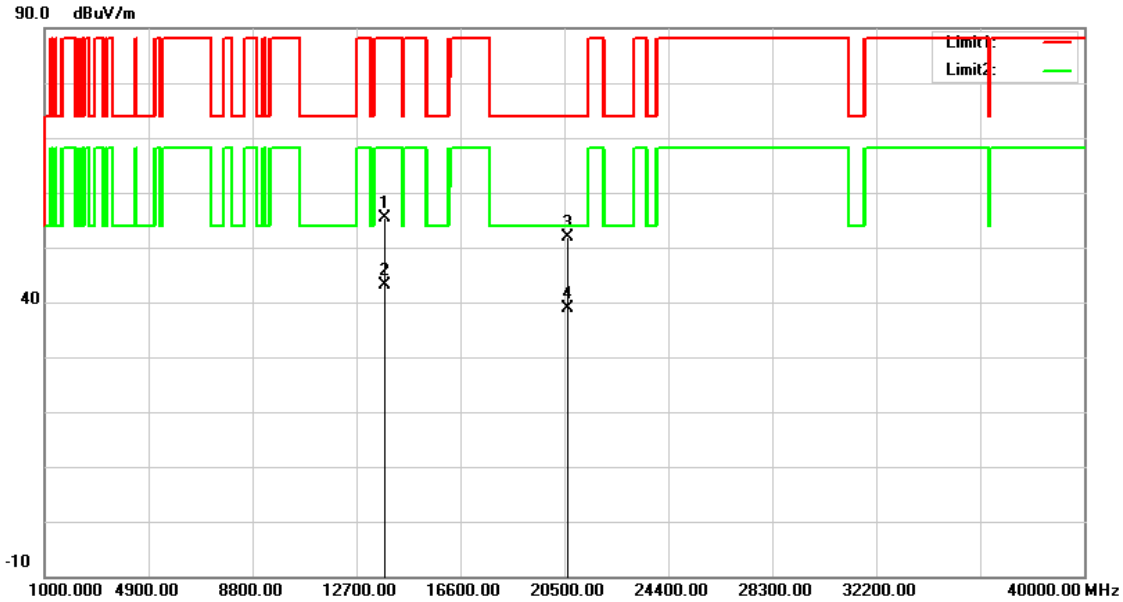
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13750.000	35.37	22.07	57.44	88.20	-30.76	peak
2	13750.000	21.39	22.07	43.46	68.20	-24.74	AVG
3	20625.000	33.28	19.84	53.12	74.00	-20.88	peak
4	20625.000	18.77	19.84	38.61	54.00	-15.39	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6875 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



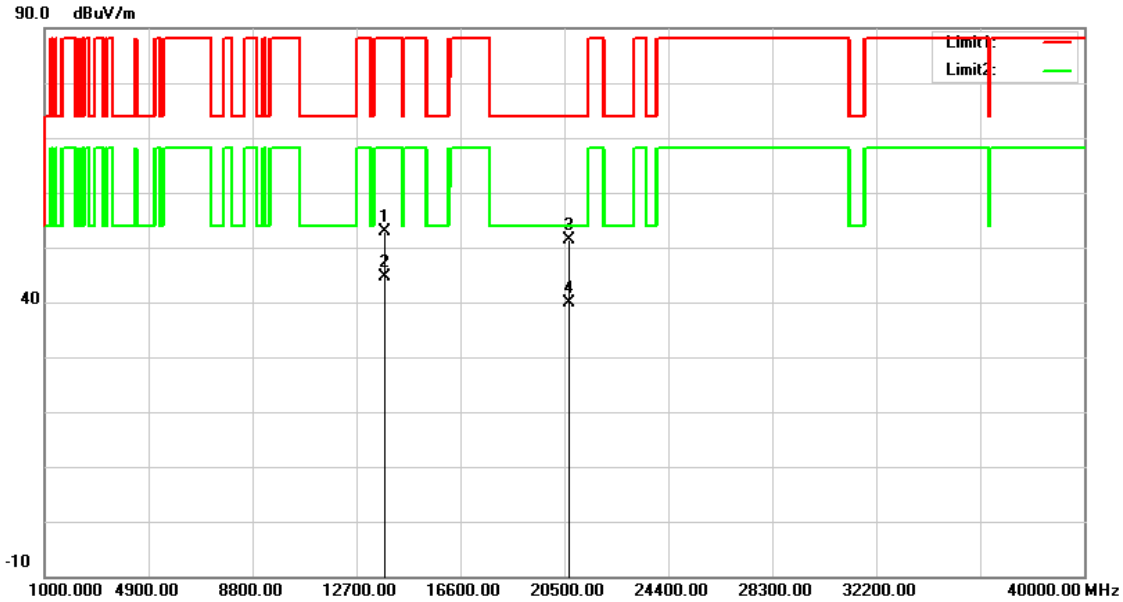
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13750.000	33.24	22.07	55.31	88.20	-32.89	peak
2	13750.000	21.06	22.07	43.13	68.20	-25.07	AVG
3	20625.000	32.06	19.84	51.90	74.00	-22.10	peak
4	20625.000	19.16	19.84	39.00	54.00	-15.00	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6895 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



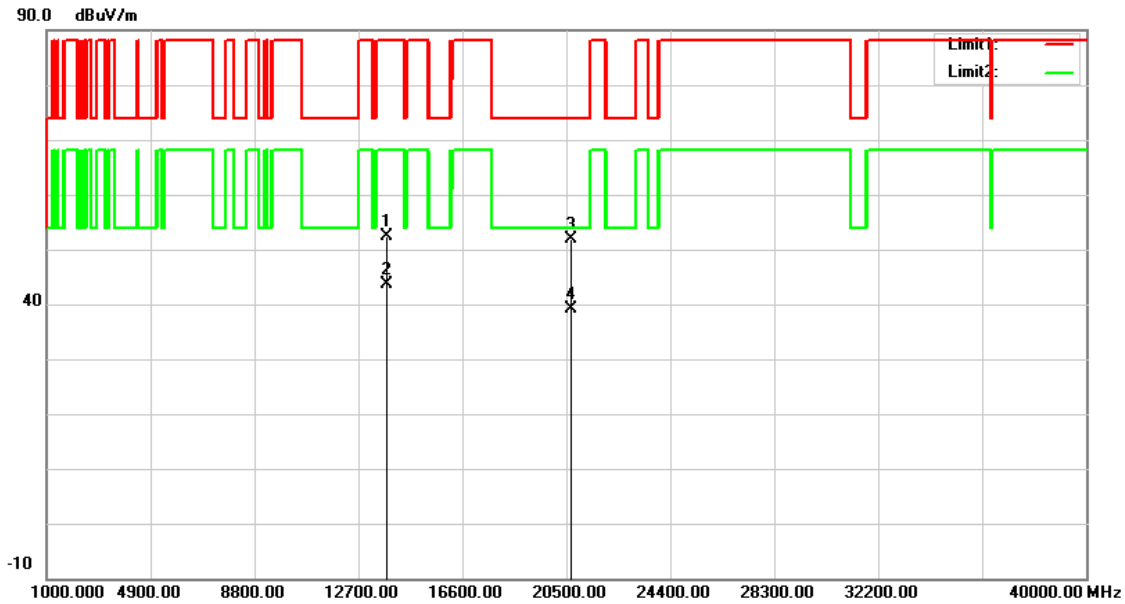
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13790.000	30.62	22.17	52.79	88.20	-35.41	peak
2	13790.000	22.47	22.17	44.64	68.20	-23.56	AVG
3	20685.000	31.46	19.99	51.45	74.00	-22.55	peak
4	20685.000	19.79	19.99	39.78	54.00	-14.22	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6895 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



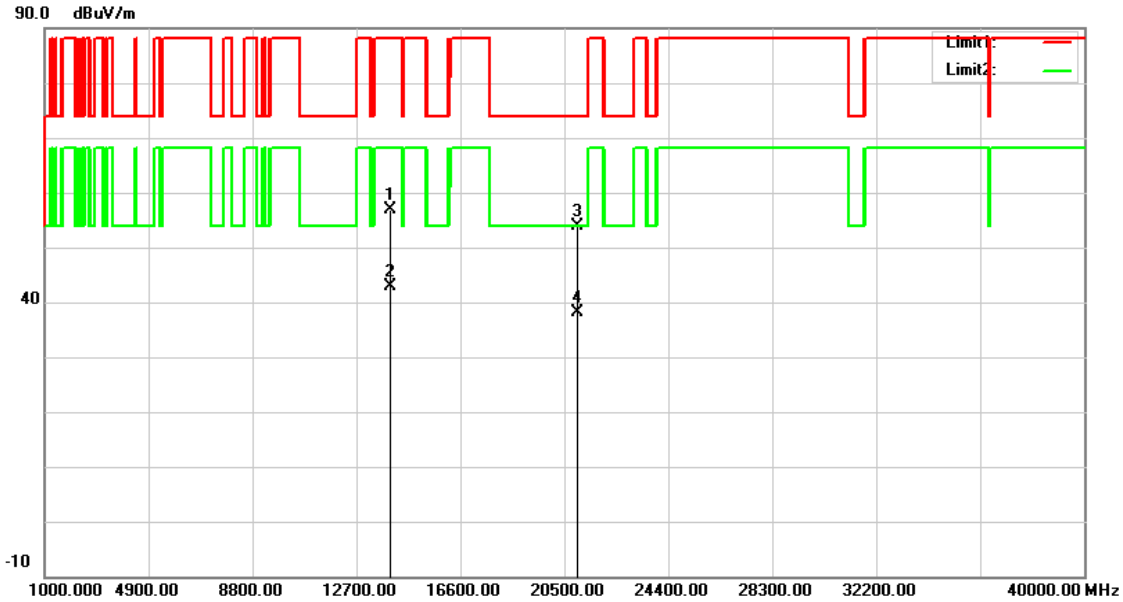
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13790.000	30.33	22.17	52.50	88.20	-35.70	peak
2	13790.000	21.53	22.17	43.70	68.20	-24.50	AVG
3	20685.000	31.93	19.99	51.92	74.00	-22.08	peak
4	20685.000	19.20	19.99	39.19	54.00	-14.81	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6995 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



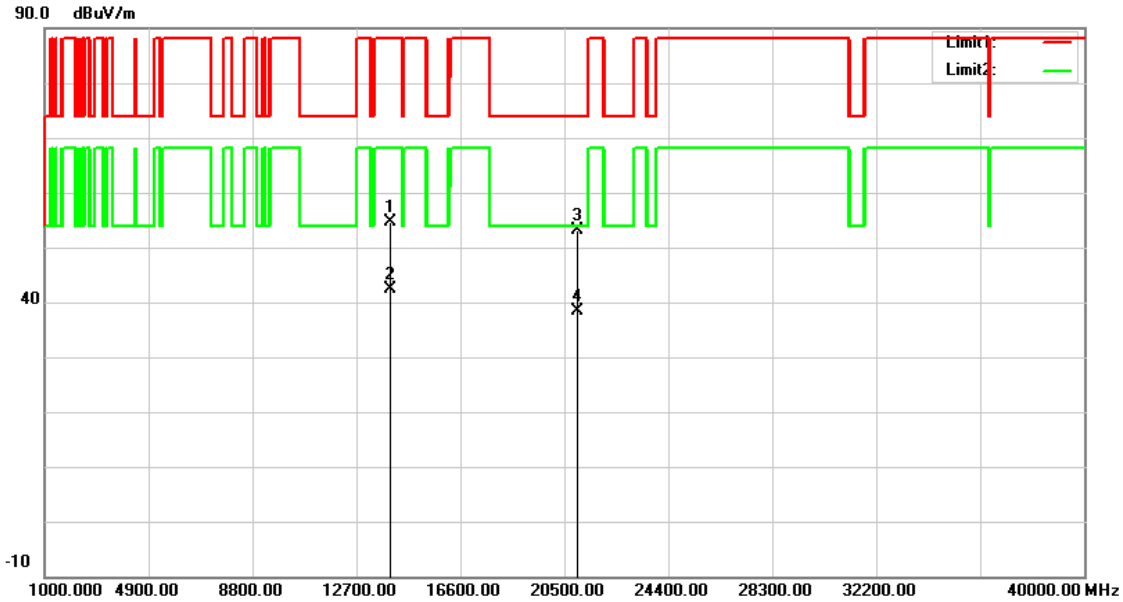
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13990.000	34.05	22.75	56.80	88.20	-31.40	peak
2	13990.000	20.12	22.75	42.87	68.20	-25.33	AVG
3	20985.000	33.20	20.77	53.97	74.00	-20.03	peak
4	20985.000	17.33	20.77	38.10	54.00	-15.90	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6995 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



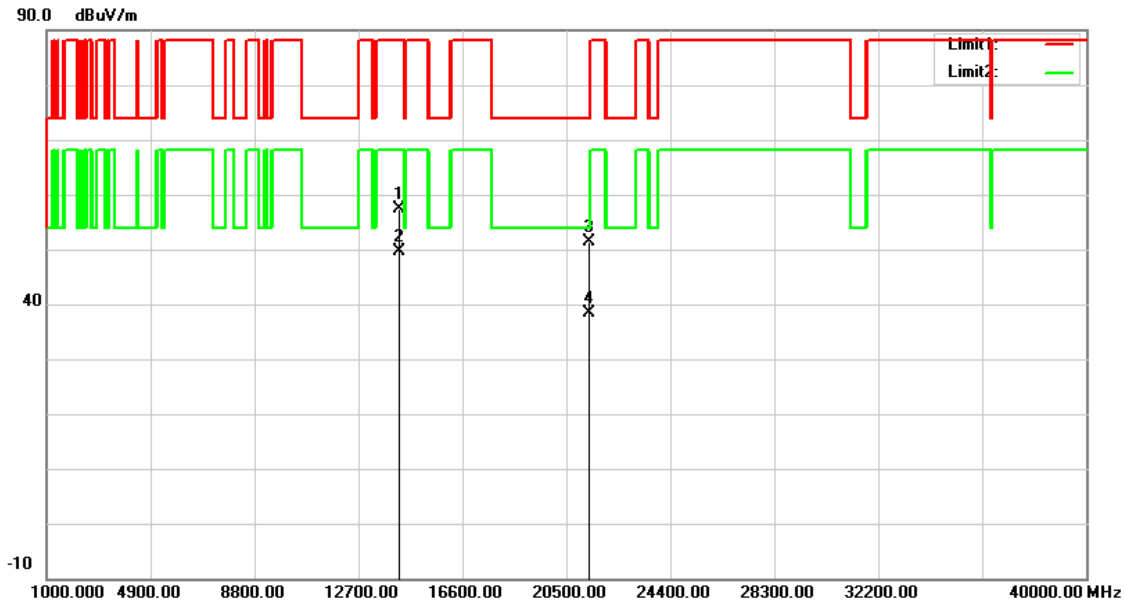
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13990.000	31.98	22.75	54.73	88.20	-33.47	peak
2	13990.000	19.56	22.75	42.31	68.20	-25.89	AVG
3	20985.000	32.47	20.77	53.24	74.00	-20.76	peak
4	20985.000	17.49	20.77	38.26	54.00	-15.74	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



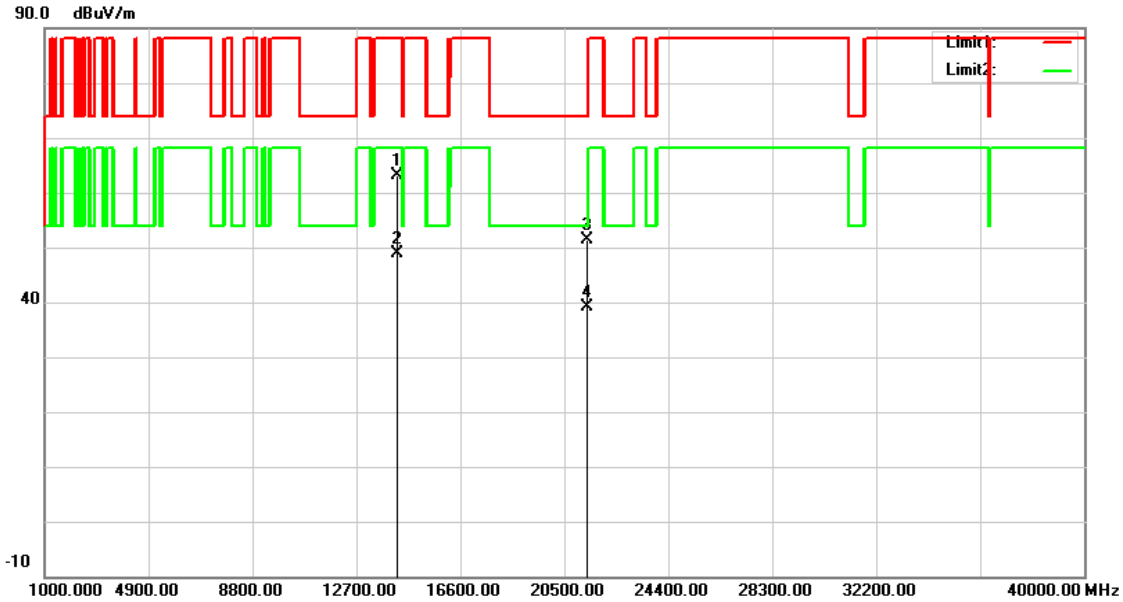
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14230.000	34.44	23.05	57.49	88.20	-30.71	peak
2	14230.000	26.47	23.05	49.52	68.20	-18.68	AVG
3	21345.000	30.57	20.74	51.31	74.00	-22.69	peak
4	21345.000	17.67	20.74	38.41	54.00	-15.59	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



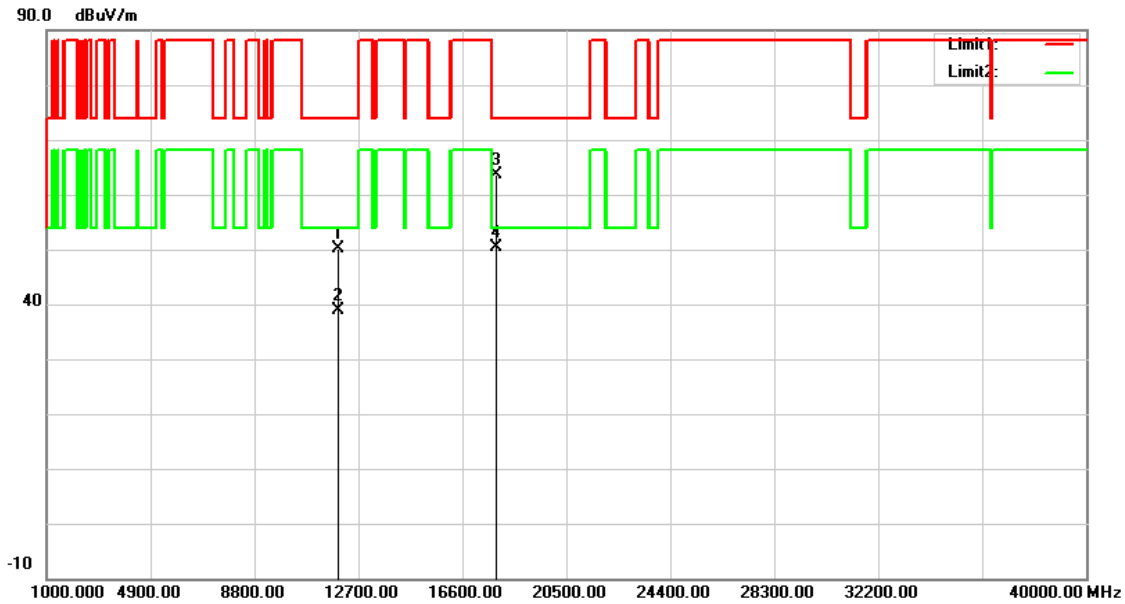
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14230.000	40.15	23.05	63.20	88.20	-25.00	peak
2	14230.000	25.92	23.05	48.97	68.20	-19.23	AVG
3	21345.000	30.58	20.74	51.32	74.00	-22.68	peak
4	21345.000	18.48	20.74	39.22	54.00	-14.78	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



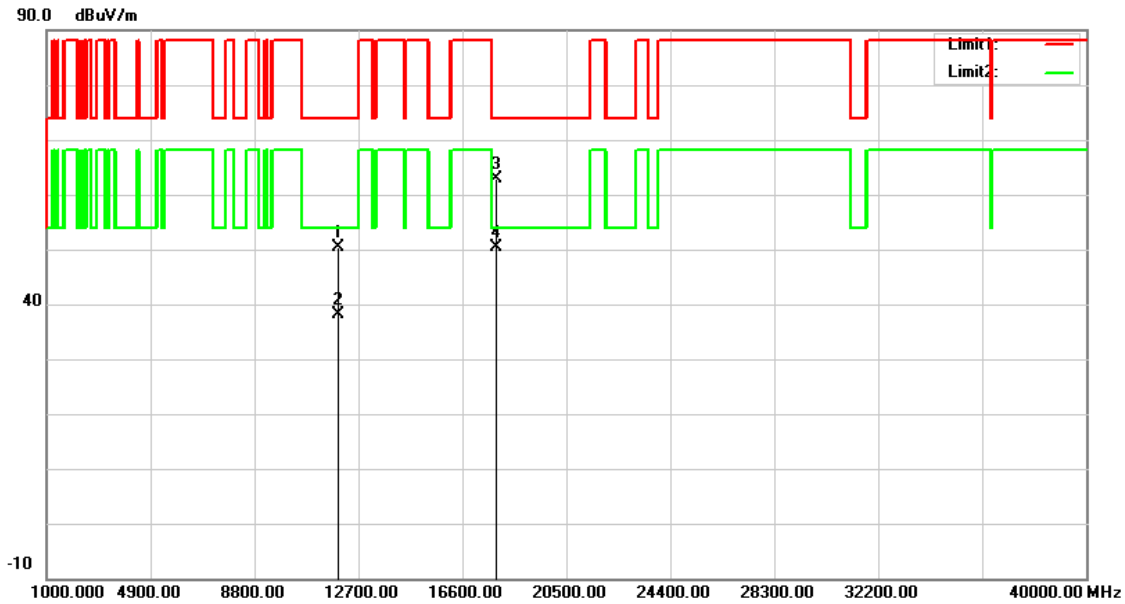
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11930.000	31.89	18.29	50.18	74.00	-23.82	peak
2	11930.000	20.48	18.29	38.77	54.00	-15.23	AVG
3	17895.000	32.76	30.85	63.61	74.00	-10.39	peak
4	17895.000	19.49	30.85	50.34	54.00	-3.66	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



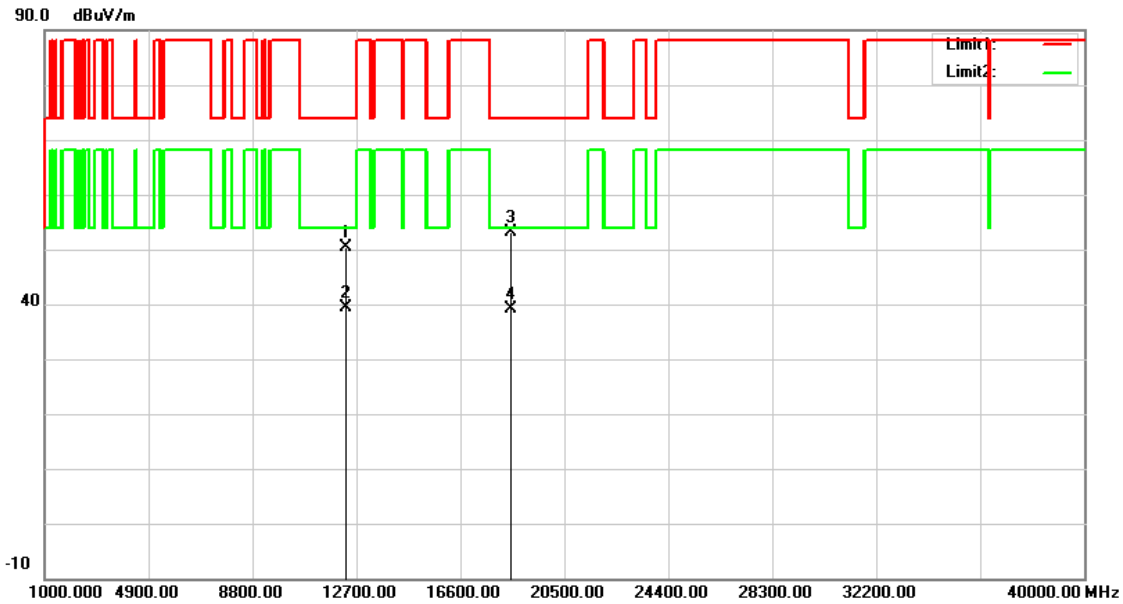
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11930.000	32.00	18.29	50.29	74.00	-23.71	peak
2	11930.000	19.92	18.29	38.21	54.00	-15.79	AVG
3	17895.000	31.93	30.85	62.78	74.00	-11.22	peak
4	17895.000	19.46	30.85	50.31	54.00	-3.69	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6165 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



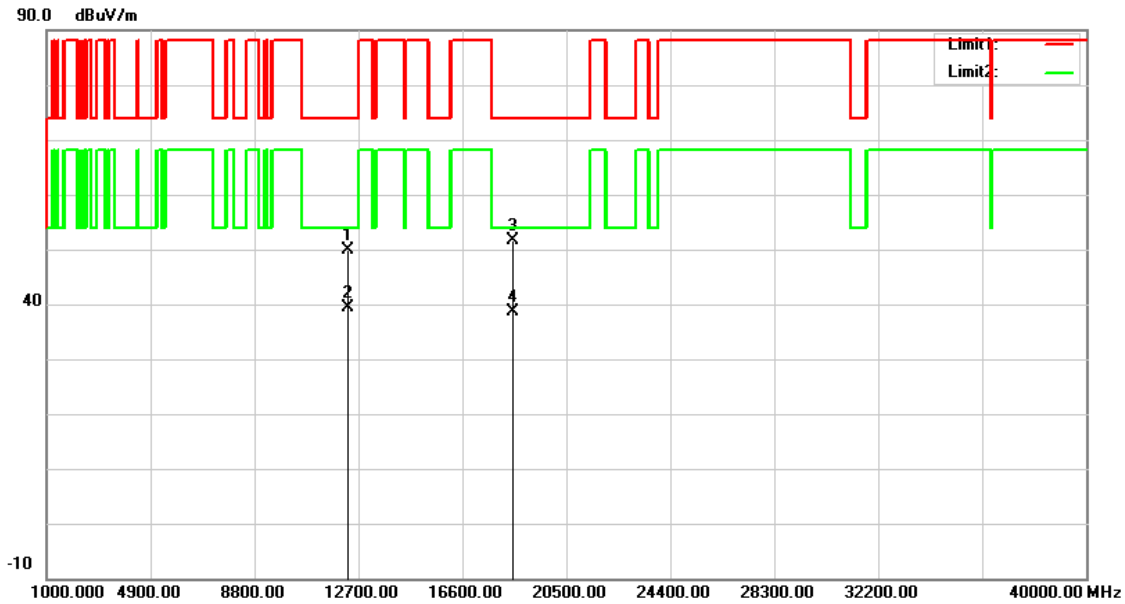
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12330.000	31.78	18.66	50.44	74.00	-23.56	peak
2	12330.000	20.82	18.66	39.48	54.00	-14.52	AVG
3	18495.000	32.61	20.40	53.01	74.00	-20.99	peak
4	18495.000	18.84	20.40	39.24	54.00	-14.76	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6165 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



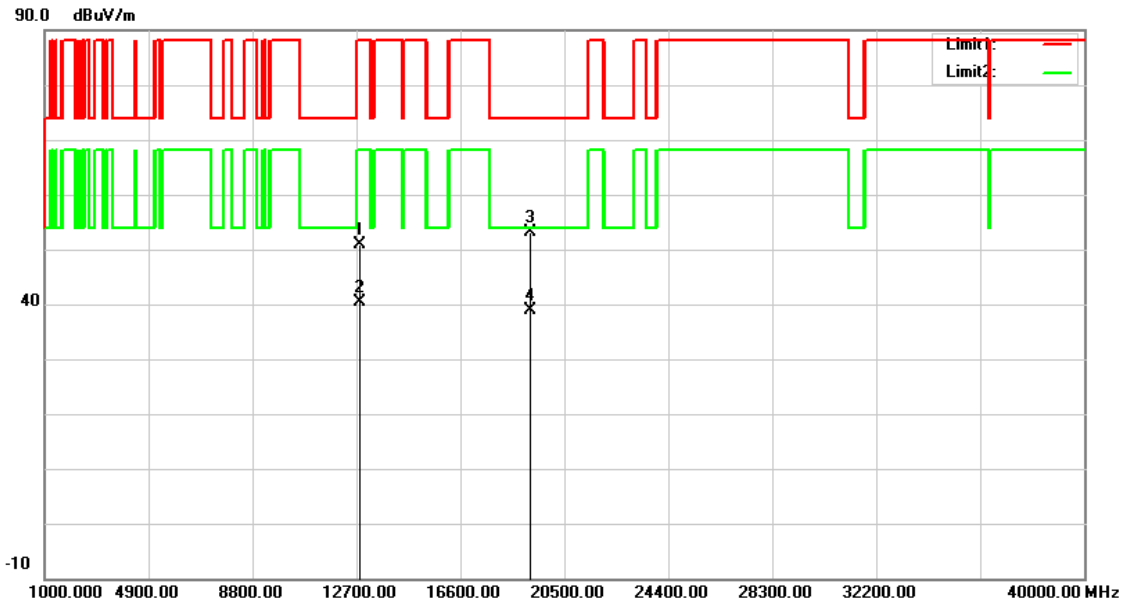
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12330.000	31.25	18.66	49.91	74.00	-24.09	peak
2	12330.000	20.78	18.66	39.44	54.00	-14.56	AVG
3	18495.000	31.22	20.40	51.62	74.00	-22.38	peak
4	18495.000	18.34	20.40	38.74	54.00	-15.26	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6405 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



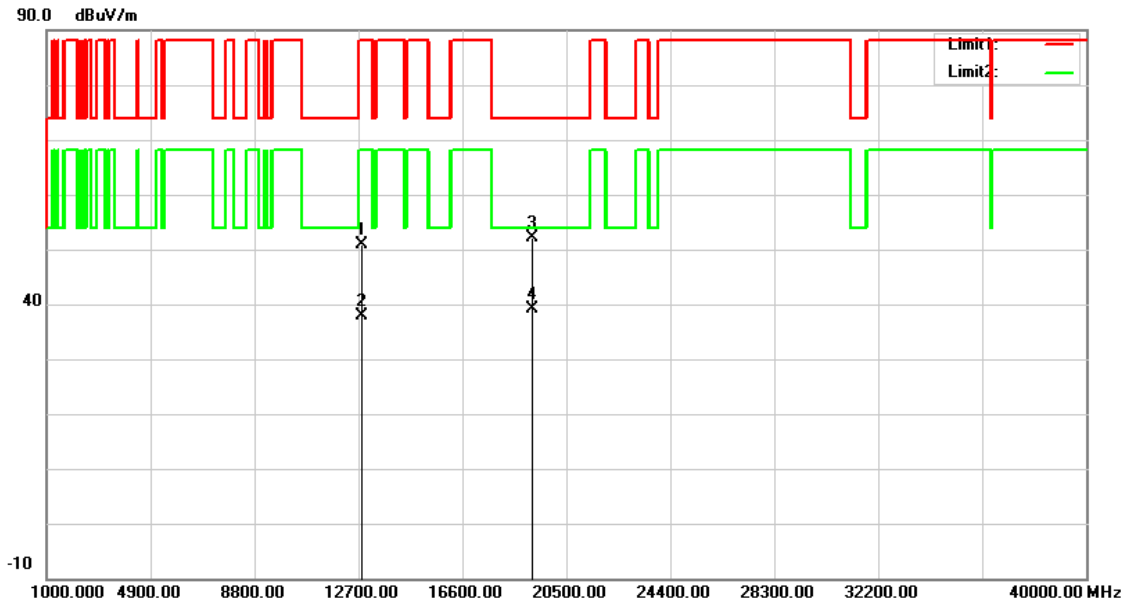
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12810.000	31.18	19.63	50.81	88.20	-37.39	peak
2	12810.000	20.84	19.63	40.47	68.20	-27.73	AVG
3	19215.000	32.93	20.30	53.23	74.00	-20.77	peak
4	19215.000	18.61	20.30	38.91	54.00	-15.09	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6405 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



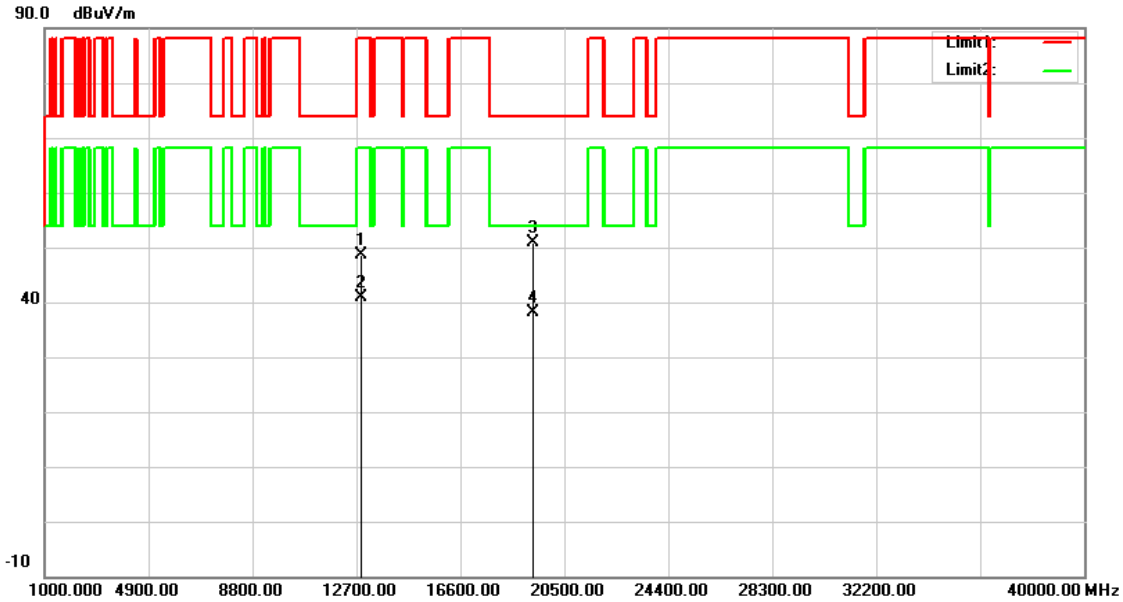
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12810.000	31.37	19.63	51.00	88.20	-37.20	peak
2	12810.000	18.35	19.63	37.98	68.20	-30.22	AVG
3	19215.000	31.92	20.30	52.22	74.00	-21.78	peak
4	19215.000	18.92	20.30	39.22	54.00	-14.78	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6445 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



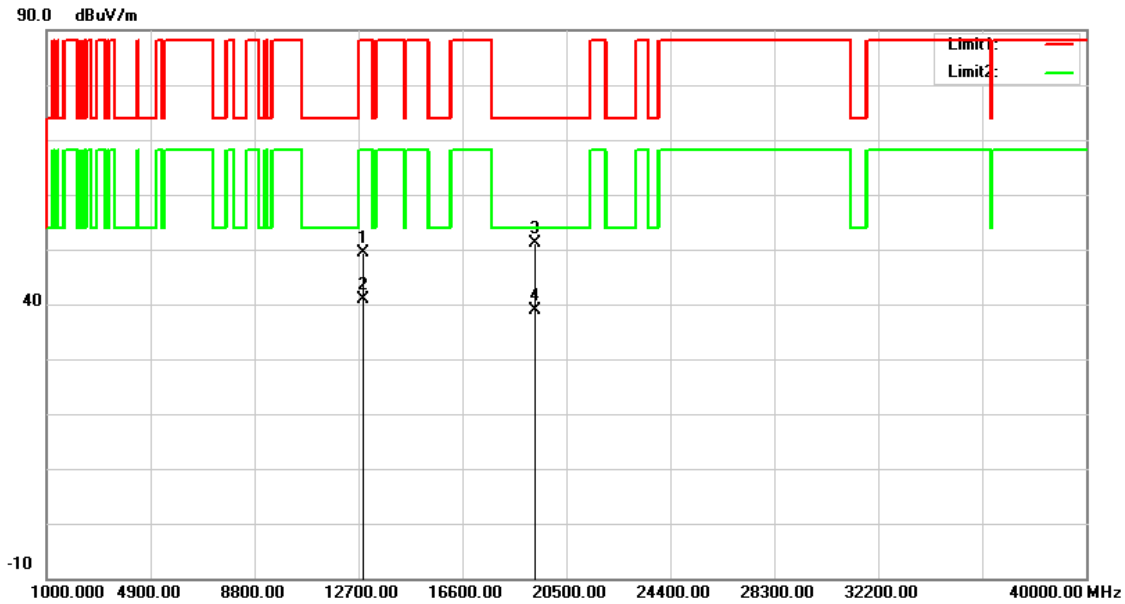
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12890.000	28.87	19.83	48.70	88.20	-39.50	peak
2	12890.000	21.04	19.83	40.87	68.20	-27.33	AVG
3	19335.000	30.80	20.15	50.95	74.00	-23.05	peak
4	19335.000	18.07	20.15	38.22	54.00	-15.78	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6445 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



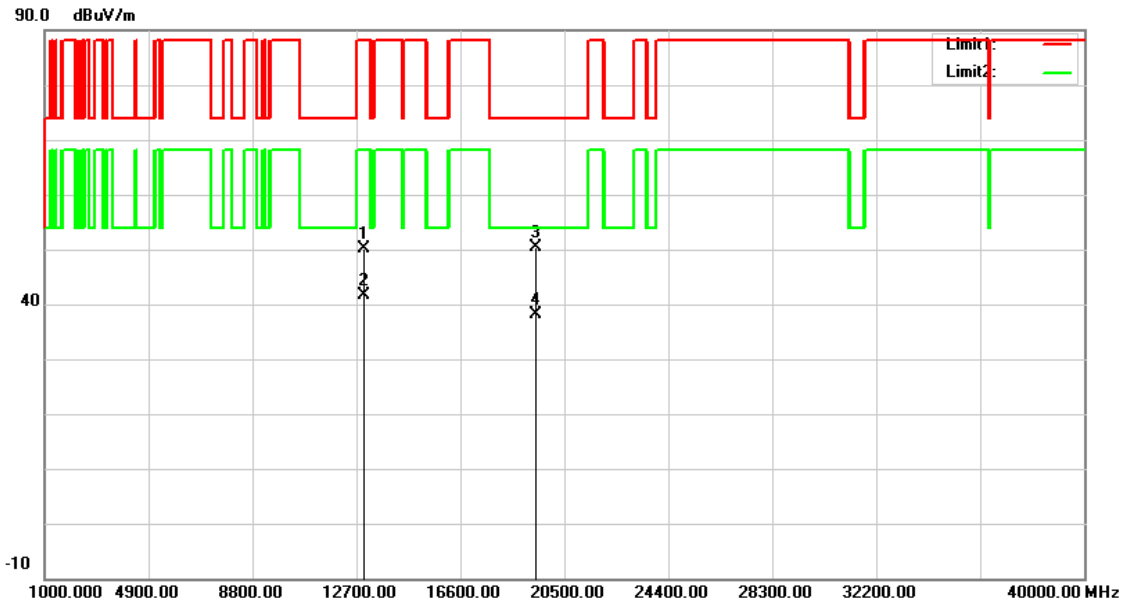
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12890.000	29.54	19.83	49.37	88.20	-38.83	peak
2	12890.000	20.95	19.83	40.78	68.20	-27.42	AVG
3	19335.000	30.95	20.15	51.10	74.00	-22.90	peak
4	19335.000	18.61	20.15	38.76	54.00	-15.24	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6485 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



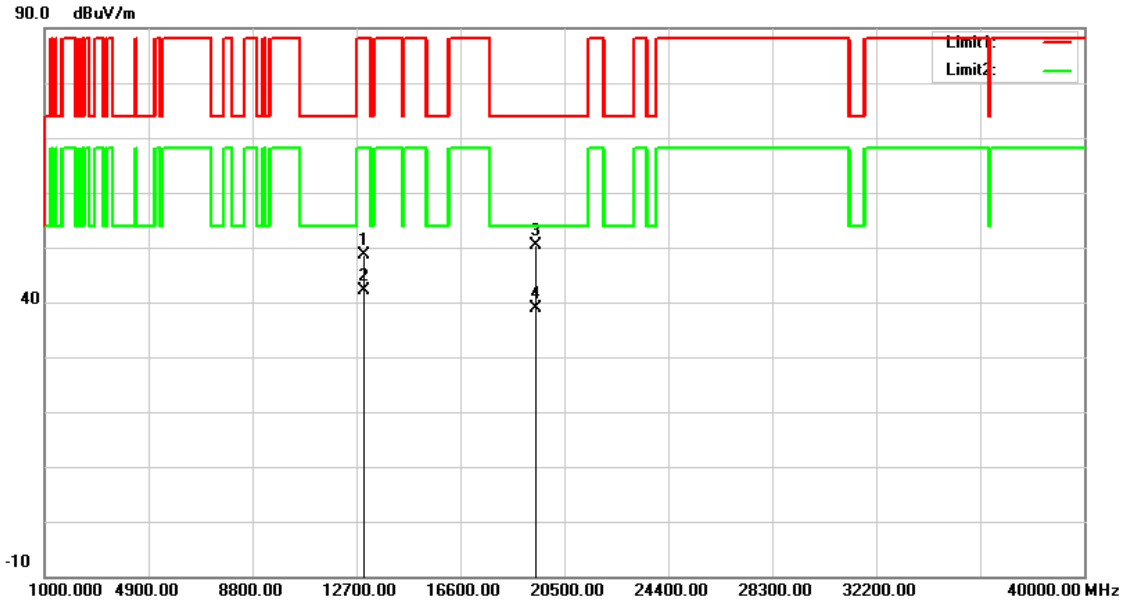
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12970.000	30.12	20.02	50.14	88.20	-38.06	peak
2	12970.000	21.56	20.02	41.58	68.20	-26.62	AVG
3	19455.000	30.27	20.01	50.28	74.00	-23.72	peak
4	19455.000	18.22	20.01	38.23	54.00	-15.77	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6485 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



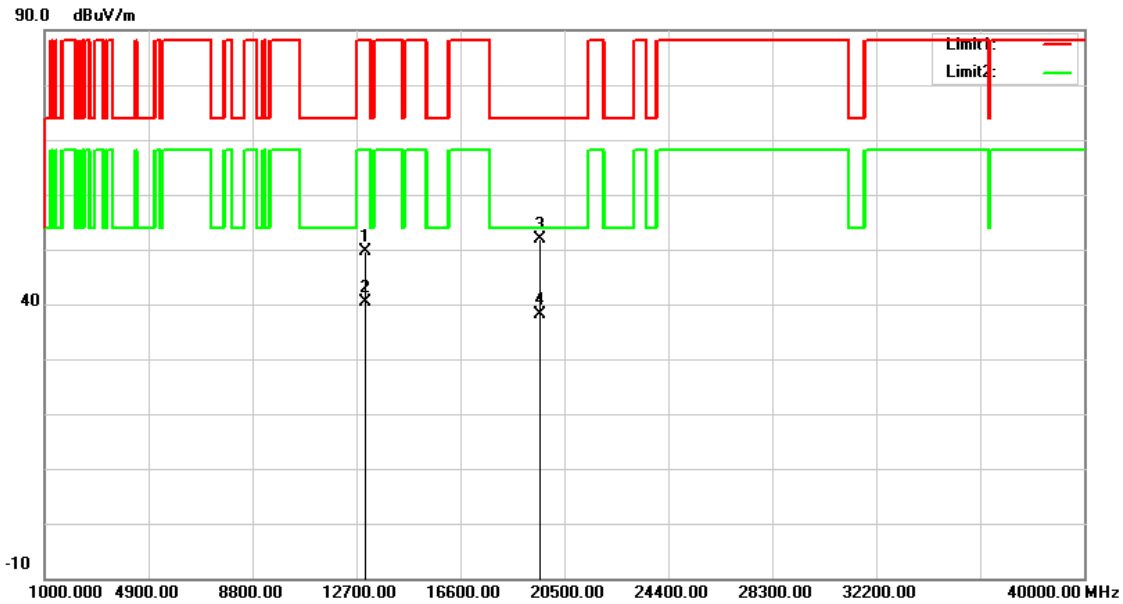
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12970.000	28.59	20.02	48.61	88.20	-39.59	peak
2	12970.000	22.16	20.02	42.18	68.20	-26.02	AVG
3	19455.000	30.32	20.01	50.33	74.00	-23.67	peak
4	19455.000	18.93	20.01	38.94	54.00	-15.06	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6525 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



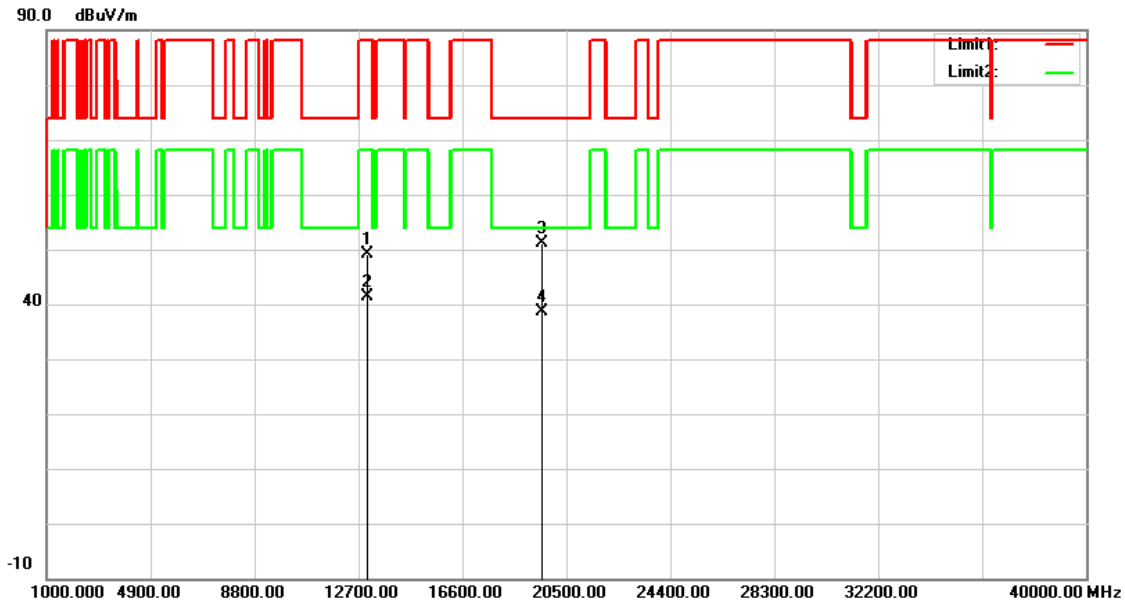
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13050.000	29.36	20.22	49.58	88.20	-38.62	peak
2	13050.000	20.24	20.22	40.46	68.20	-27.74	AVG
3	19575.000	31.89	19.87	51.76	74.00	-22.24	peak
4	19575.000	18.29	19.87	38.16	54.00	-15.84	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6525 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



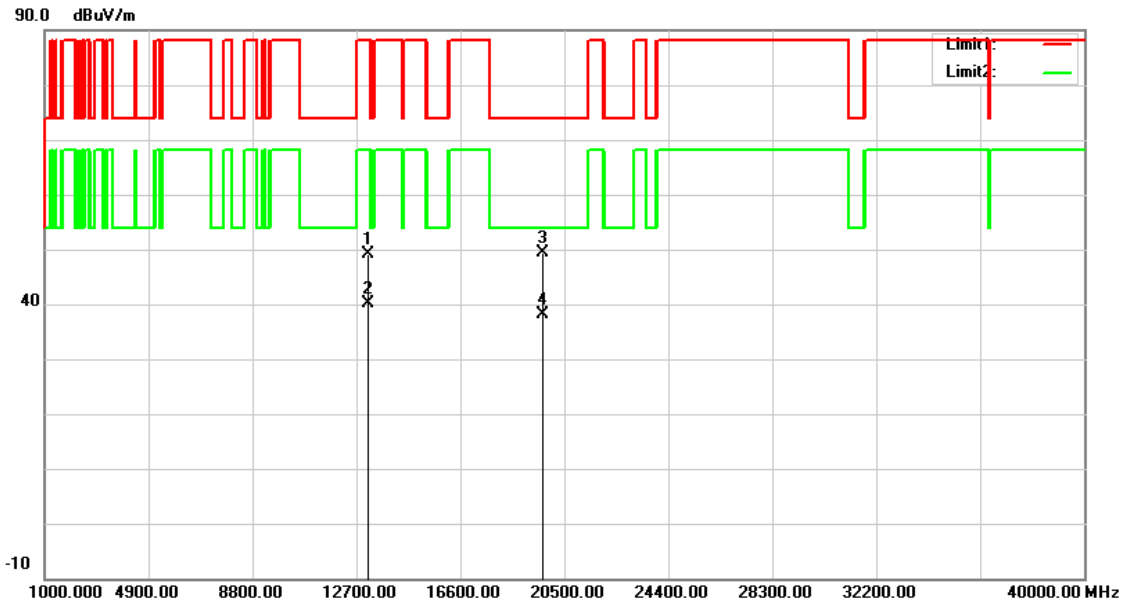
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13050.000	28.83	20.22	49.05	88.20	-39.15	peak
2	13050.000	21.28	20.22	41.50	68.20	-26.70	AVG
3	19575.000	31.35	19.87	51.22	74.00	-22.78	peak
4	19575.000	18.79	19.87	38.66	54.00	-15.34	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6565 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



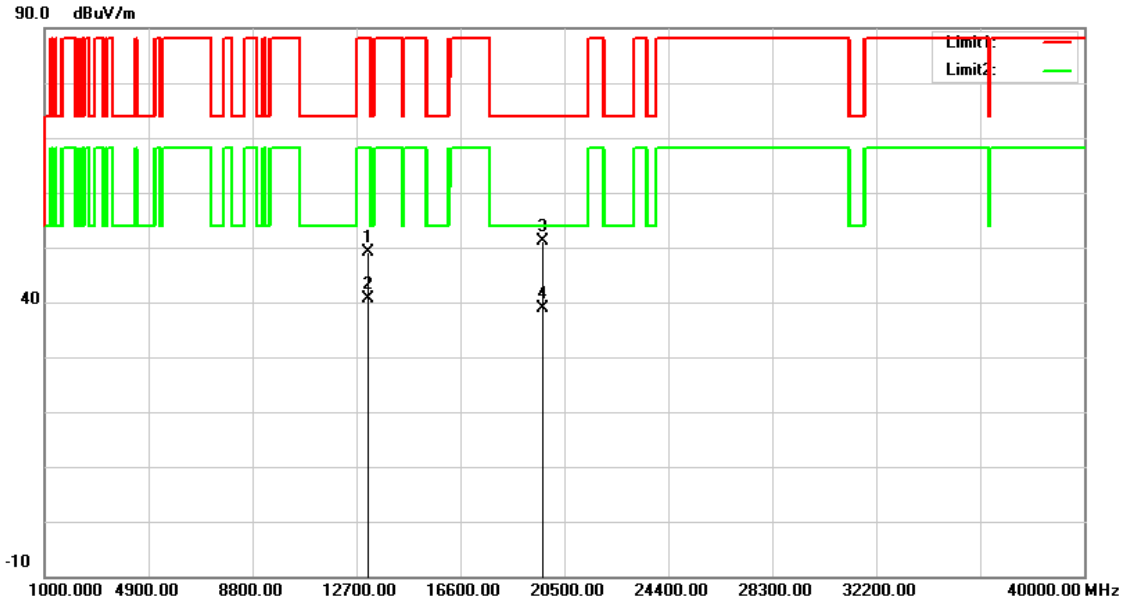
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13130.000	28.67	20.42	49.09	88.20	-39.11	peak
2	13130.000	19.82	20.42	40.24	68.20	-27.96	AVG
3	19695.000	29.58	19.74	49.32	74.00	-24.68	peak
4	19695.000	18.27	19.74	38.01	54.00	-15.99	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6565 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



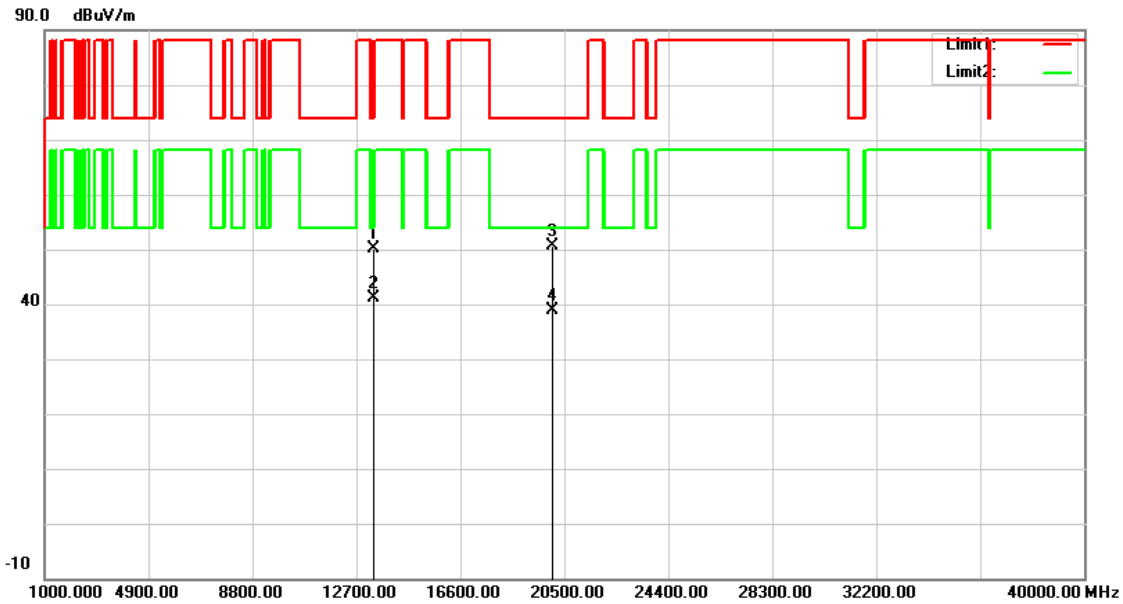
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13130.000	28.64	20.42	49.06	88.20	-39.14	peak
2	13130.000	20.14	20.42	40.56	68.20	-27.64	AVG
3	19695.000	31.38	19.74	51.12	74.00	-22.88	peak
4	19695.000	19.05	19.74	38.79	54.00	-15.21	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6685 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



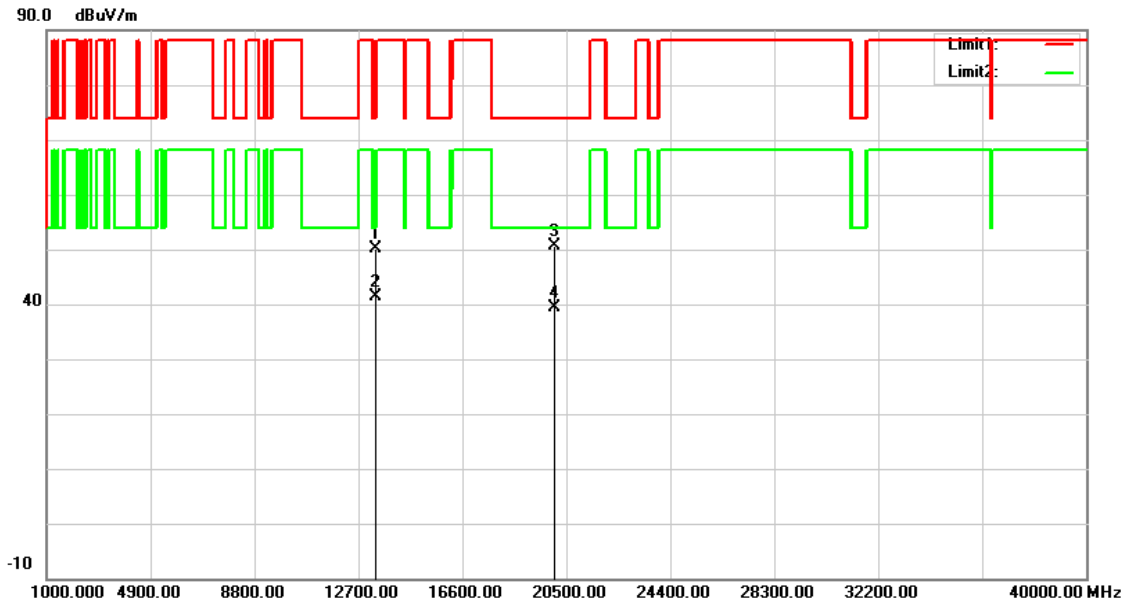
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13370.000	29.05	21.02	50.07	74.00	-23.93	peak
2	13370.000	20.09	21.02	41.11	54.00	-12.89	AVG
3	20055.000	31.19	19.40	50.59	74.00	-23.41	peak
4	20055.000	19.50	19.40	38.90	54.00	-15.10	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6685 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



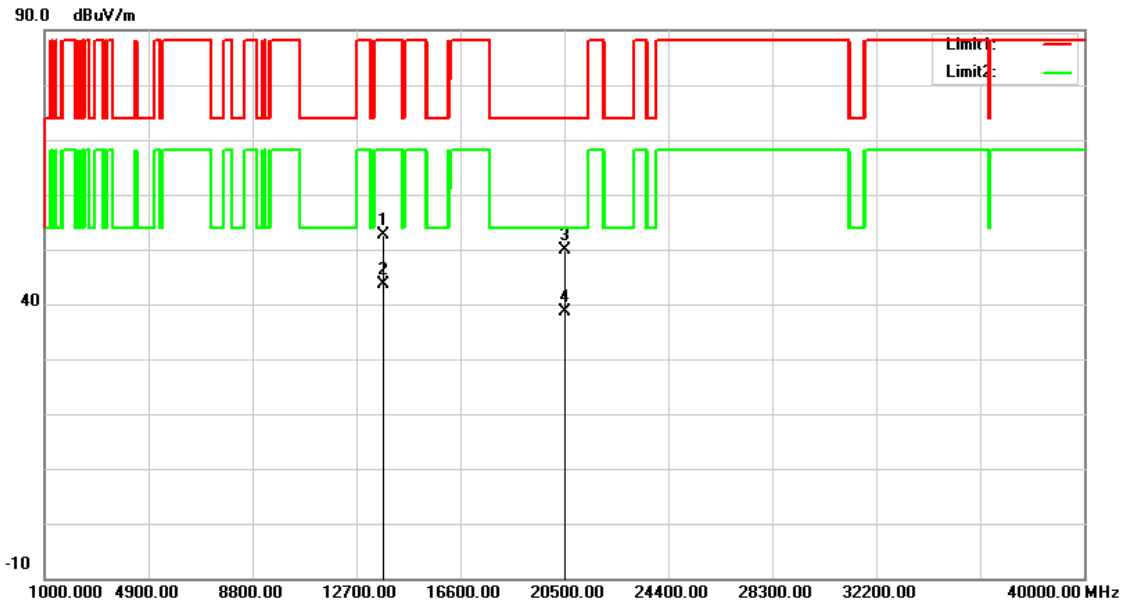
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13370.000	29.13	21.02	50.15	74.00	-23.85	peak
2	13370.000	20.37	21.02	41.39	54.00	-12.61	AVG
3	20055.000	31.11	19.40	50.51	74.00	-23.49	peak
4	20055.000	19.86	19.40	39.26	54.00	-14.74	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6845 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



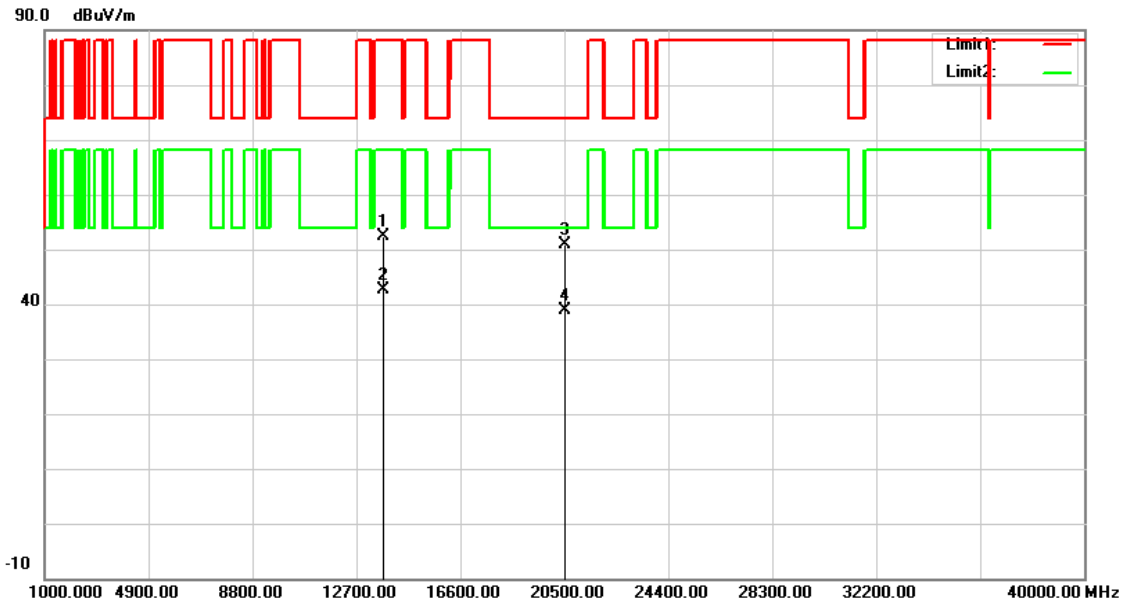
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13690.000	30.70	21.89	52.59	88.20	-35.61	peak
2	13690.000	21.67	21.89	43.56	68.20	-24.64	AVG
3	20535.000	30.16	19.60	49.76	74.00	-24.24	peak
4	20535.000	19.01	19.60	38.61	54.00	-15.39	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6845 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



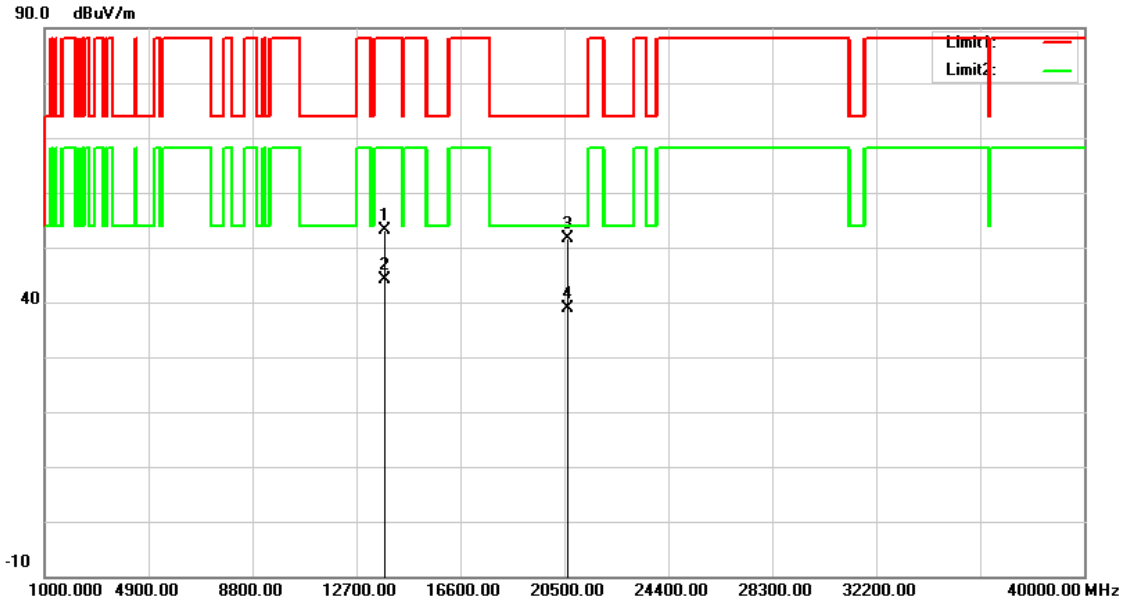
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13690.000	30.55	21.89	52.44	88.20	-35.76	peak
2	13690.000	20.73	21.89	42.62	68.20	-25.58	AVG
3	20535.000	31.27	19.60	50.87	74.00	-23.13	peak
4	20535.000	19.27	19.60	38.87	54.00	-15.13	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6885 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



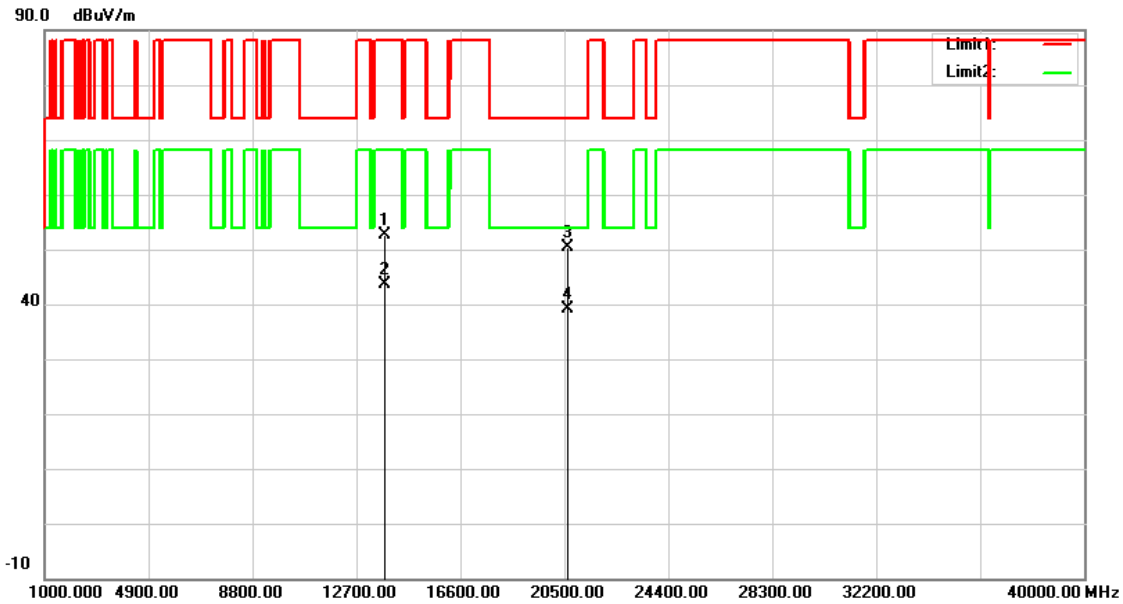
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13770.000	30.93	22.11	53.04	88.20	-35.16	peak
2	13770.000	21.96	22.11	44.07	68.20	-24.13	AVG
3	20655.000	31.67	19.92	51.59	74.00	-22.41	peak
4	20655.000	19.07	19.92	38.99	54.00	-15.01	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6885 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



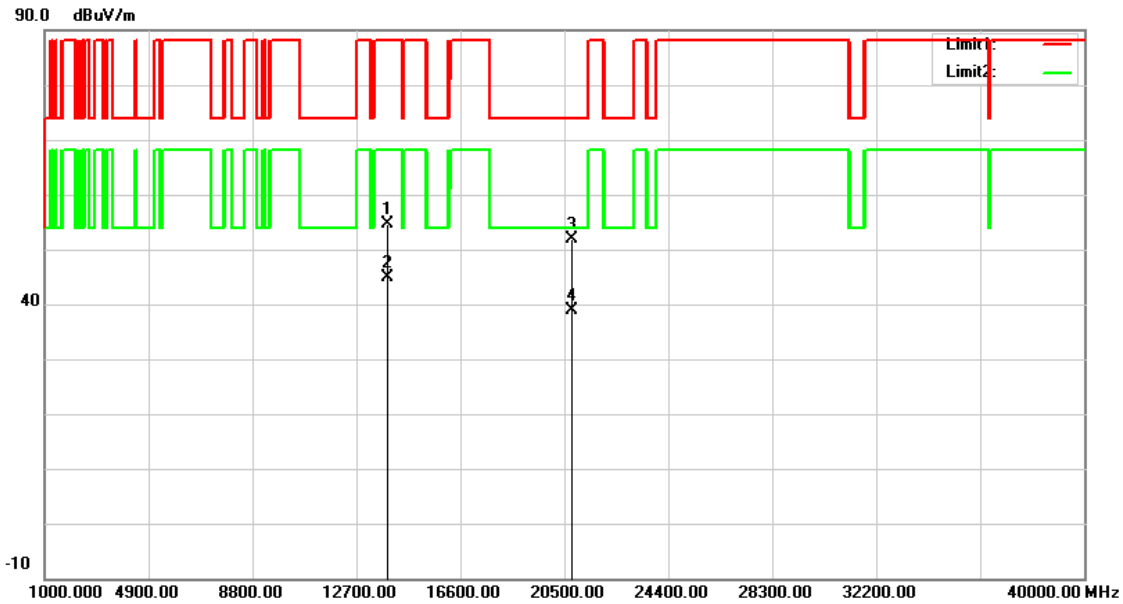
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13770.000	30.47	22.11	52.58	88.20	-35.62	peak
2	13770.000	21.60	22.11	43.71	68.20	-24.49	AVG
3	20655.000	30.58	19.92	50.50	74.00	-23.50	peak
4	20655.000	19.21	19.92	39.13	54.00	-14.87	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6925 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



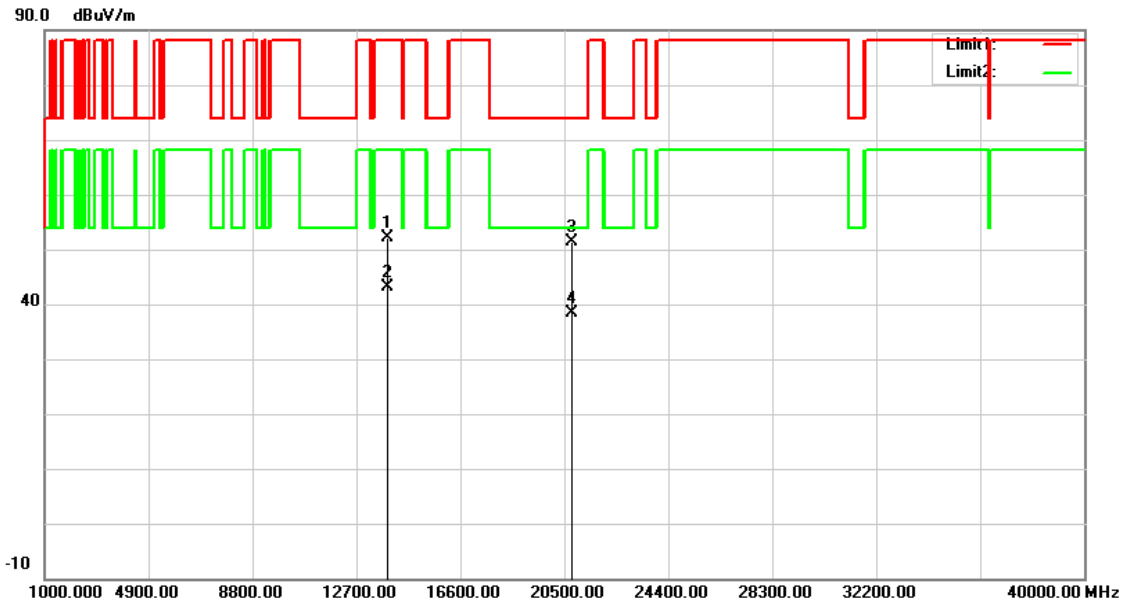
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13850.000	32.18	22.34	54.52	88.20	-33.68	peak
2	13850.000	22.58	22.34	44.92	68.20	-23.28	AVG
3	20775.000	31.65	20.23	51.88	74.00	-22.12	peak
4	20775.000	18.54	20.23	38.77	54.00	-15.23	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6925 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



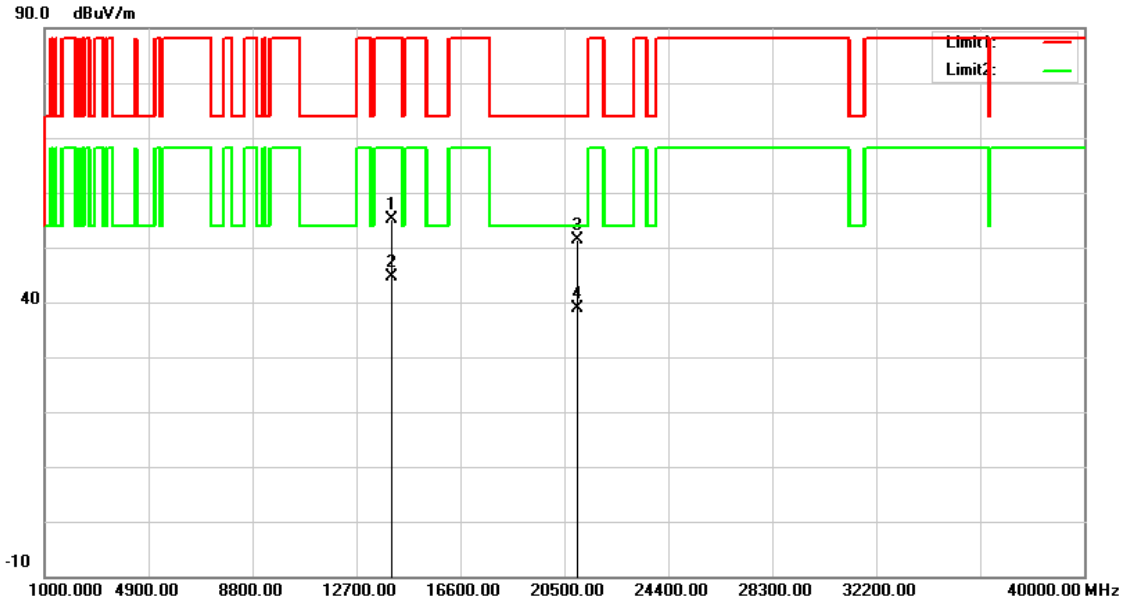
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13850.000	29.69	22.34	52.03	88.20	-36.17	peak
2	13850.000	20.76	22.34	43.10	68.20	-25.10	AVG
3	20775.000	31.22	20.23	51.45	74.00	-22.55	peak
4	20775.000	18.17	20.23	38.40	54.00	-15.60	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7005 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



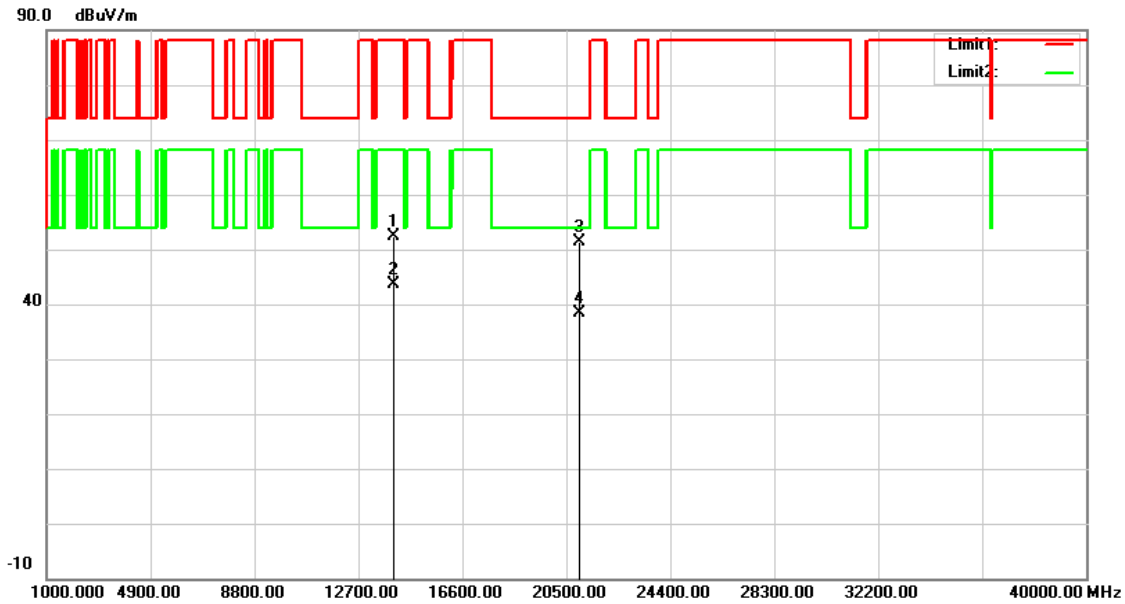
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14010.000	32.34	22.79	55.13	88.20	-33.07	peak
2	14010.000	21.79	22.79	44.58	68.20	-23.62	AVG
3	21015.000	30.47	20.81	51.28	74.00	-22.72	peak
4	21015.000	18.11	20.81	38.92	54.00	-15.08	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7005 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



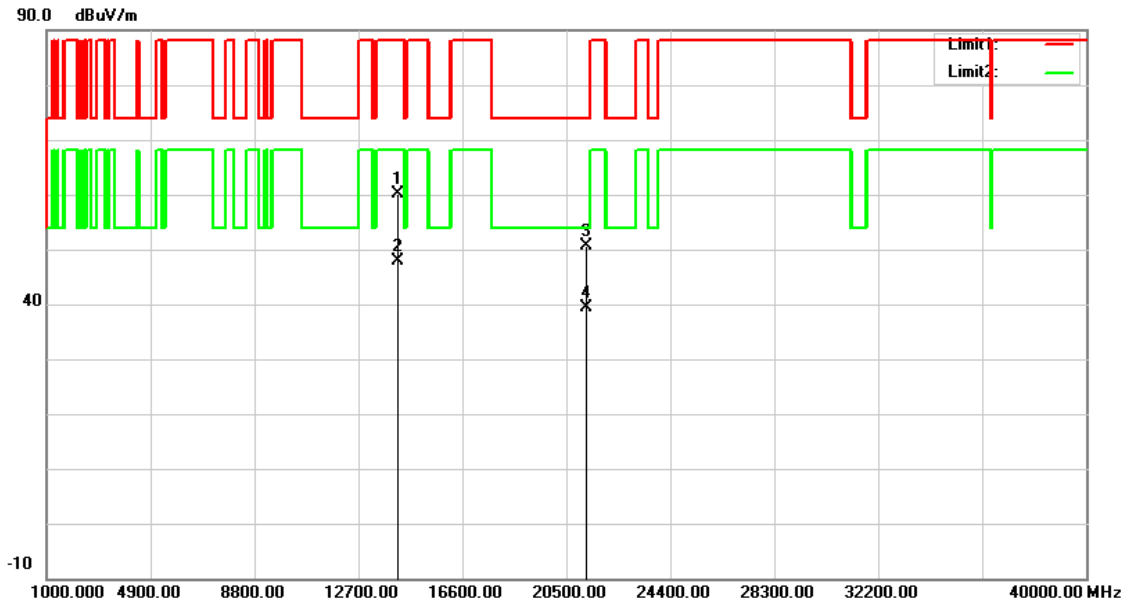
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14010.000	29.65	22.79	52.44	88.20	-35.76	peak
2	14010.000	20.96	22.79	43.75	68.20	-24.45	AVG
3	21015.000	30.53	20.81	51.34	74.00	-22.66	peak
4	21015.000	17.50	20.81	38.31	54.00	-15.69	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



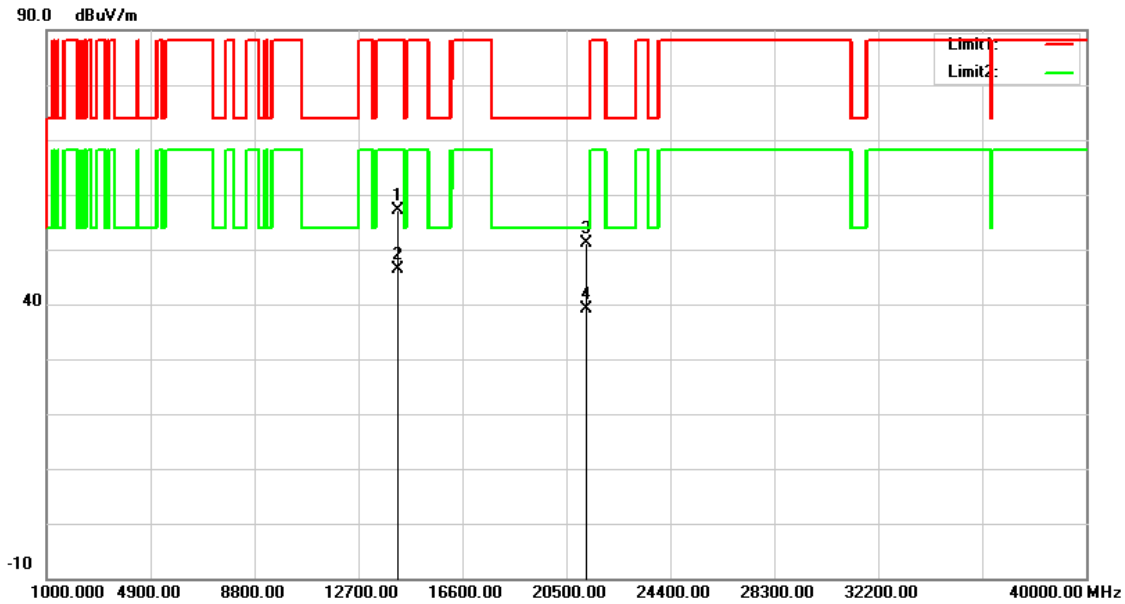
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14175.000	37.27	22.98	60.25	88.20	-27.95	peak
2	14175.000	24.87	22.98	47.85	68.20	-20.35	AVG
3	21255.000	29.96	20.76	50.72	74.00	-23.28	peak
4	21255.000	18.68	20.76	39.44	54.00	-14.56	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



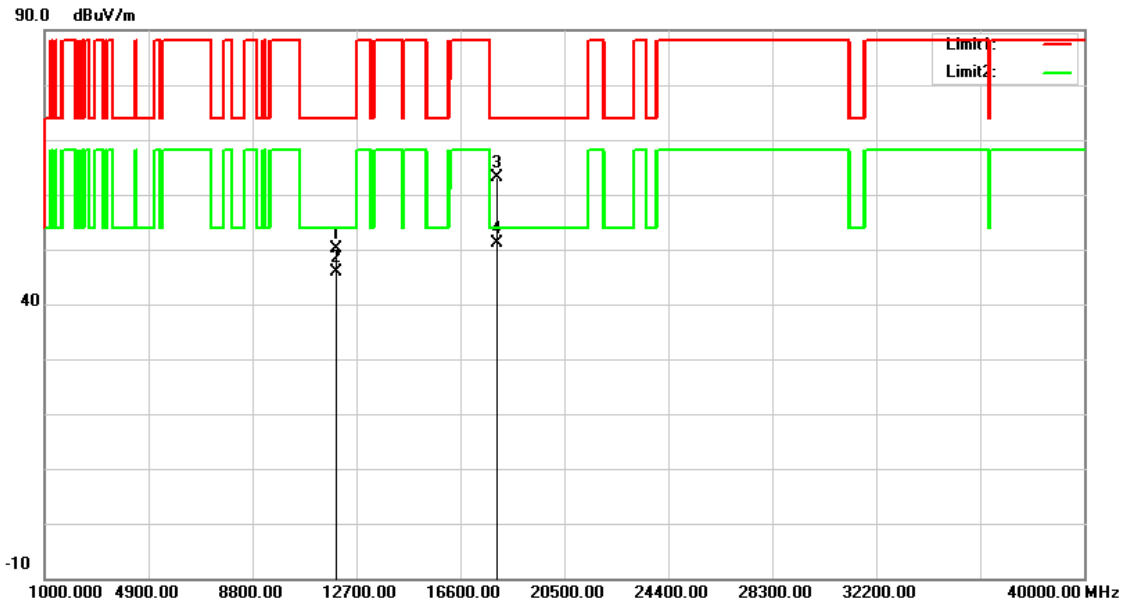
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14158.000	34.08	22.95	57.03	88.20	-31.17	peak
2	14158.000	23.51	22.95	46.46	68.20	-21.74	AVG
3	21255.000	30.40	20.76	51.16	74.00	-22.84	peak
4	21255.000	18.37	20.76	39.13	54.00	-14.87	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



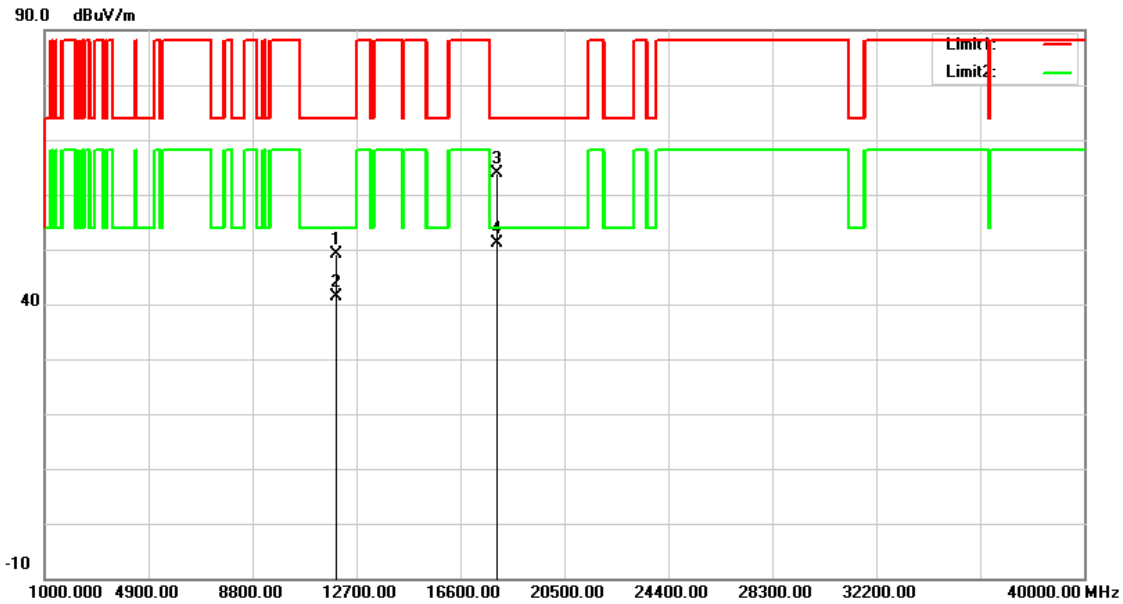
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11970.000	31.78	18.25	50.03	74.00	-23.97	peak
2	11970.000	27.70	18.25	45.95	54.00	-8.05	AVG
3	17955.000	31.45	31.62	63.07	74.00	-10.93	peak
4	17955.000	19.58	31.62	51.20	54.00	-2.80	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



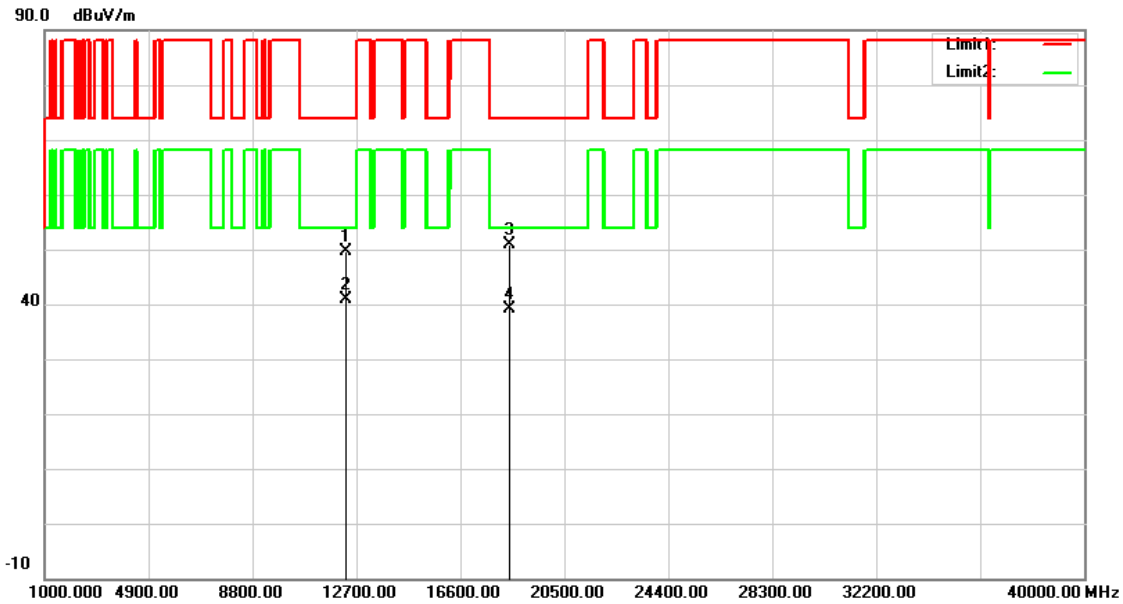
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11970.000	30.96	18.25	49.21	74.00	-24.79	peak
2	11970.000	23.05	18.25	41.30	54.00	-12.70	AVG
3	17955.000	32.14	31.62	63.76	74.00	-10.24	peak
4	17955.000	19.61	31.62	51.23	54.00	-2.77	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6145 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



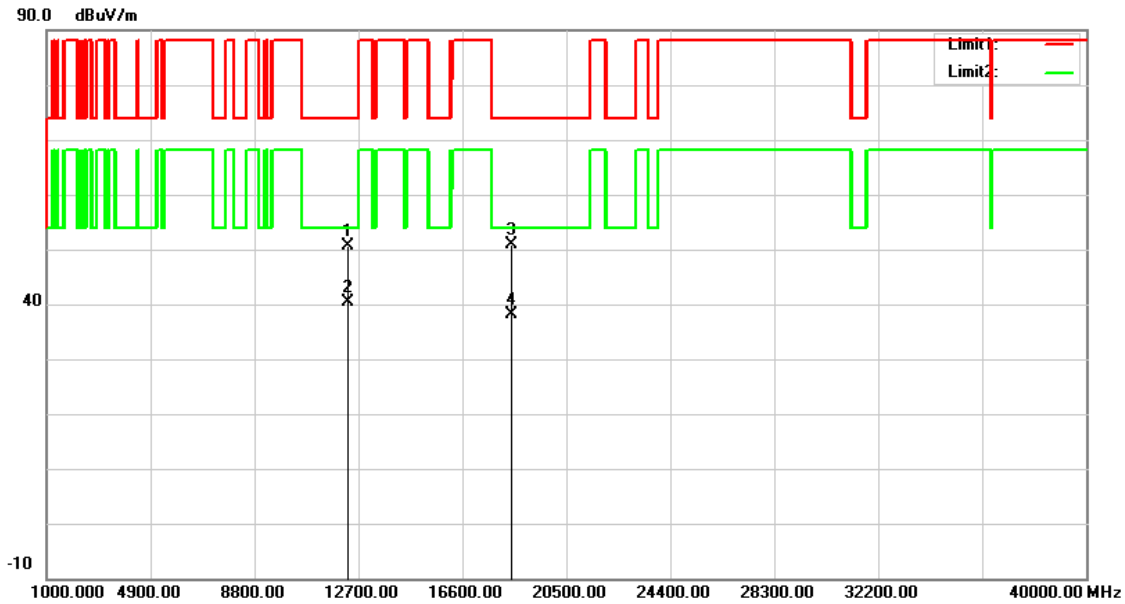
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12290.000	31.13	18.61	49.74	74.00	-24.26	peak
2	12290.000	22.20	18.61	40.81	54.00	-13.19	AVG
3	18435.000	30.56	20.37	50.93	74.00	-23.07	peak
4	18435.000	18.64	20.37	39.01	54.00	-14.99	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6145 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



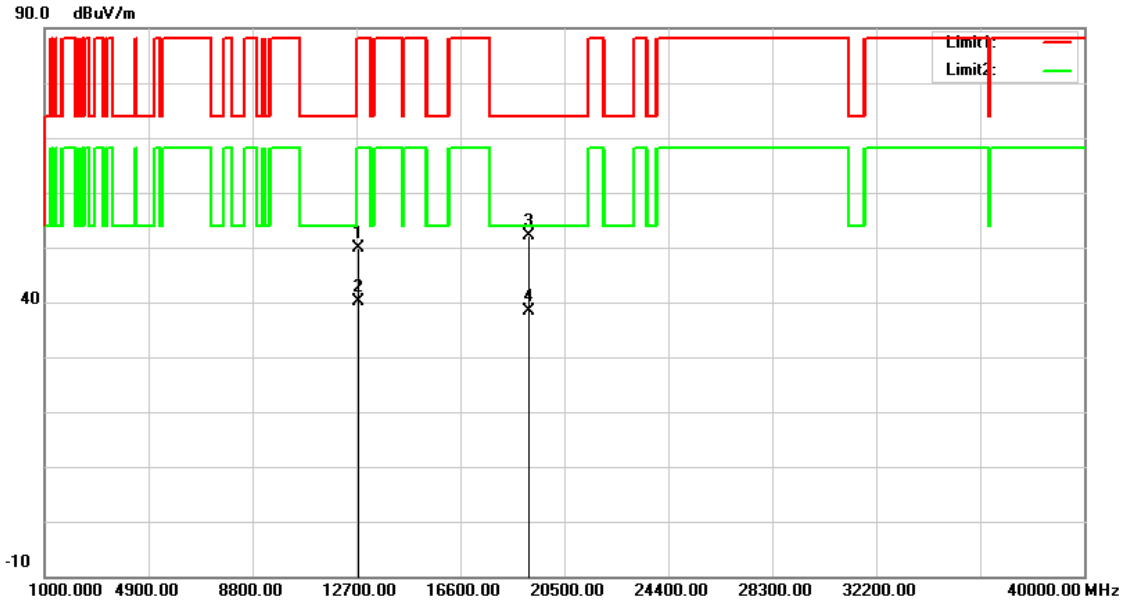
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12290.000	31.93	18.61	50.54	74.00	-23.46	peak
2	12290.000	21.75	18.61	40.36	54.00	-13.64	AVG
3	18435.000	30.52	20.37	50.89	74.00	-23.11	peak
4	18435.000	17.86	20.37	38.23	54.00	-15.77	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6385 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



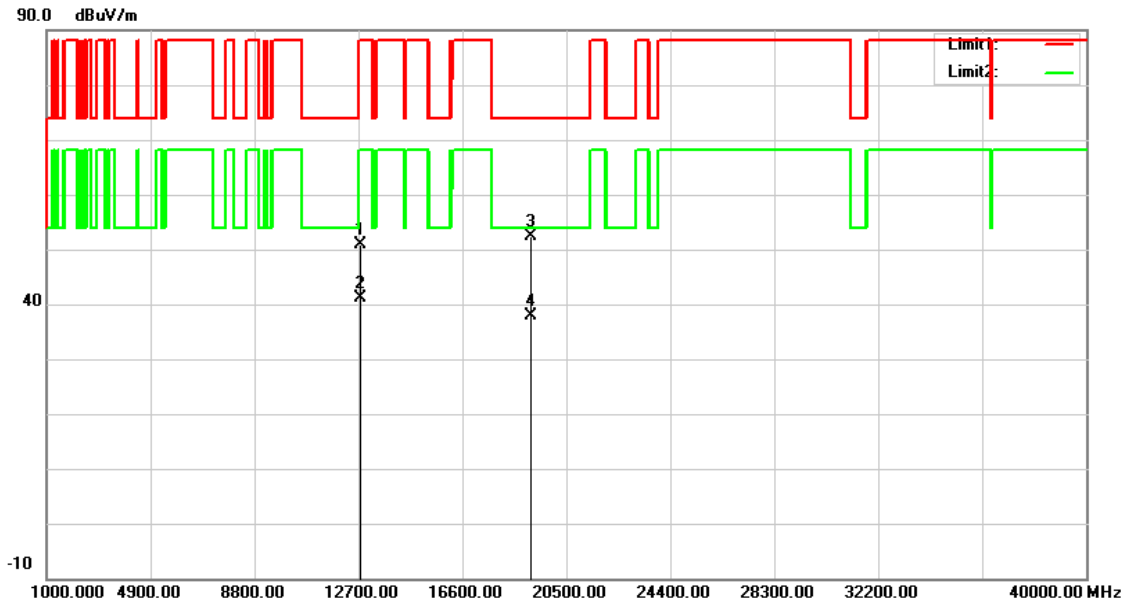
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12770.000	30.40	19.54	49.94	88.20	-38.26	peak
2	12770.000	20.63	19.54	40.17	68.20	-28.03	AVG
3	19155.000	31.88	20.36	52.24	74.00	-21.76	peak
4	19155.000	18.05	20.36	38.41	54.00	-15.59	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6385 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



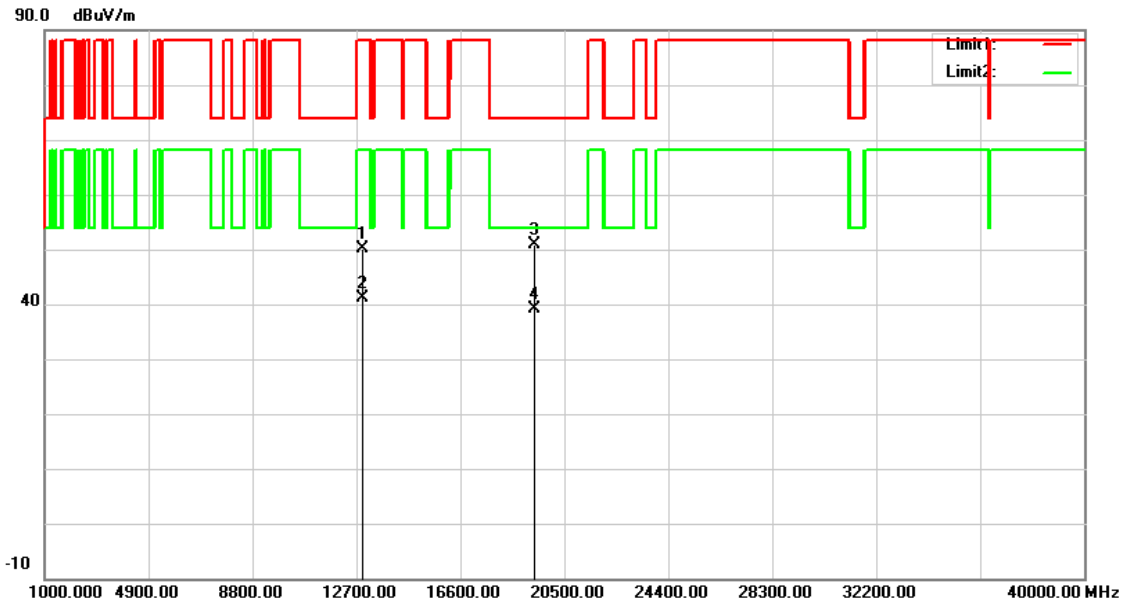
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12770.000	31.32	19.54	50.86	88.20	-37.34	peak
2	12770.000	21.49	19.54	41.03	68.20	-27.17	AVG
3	19155.000	32.10	20.36	52.46	74.00	-21.54	peak
4	19155.000	17.63	20.36	37.99	54.00	-16.01	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6465 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



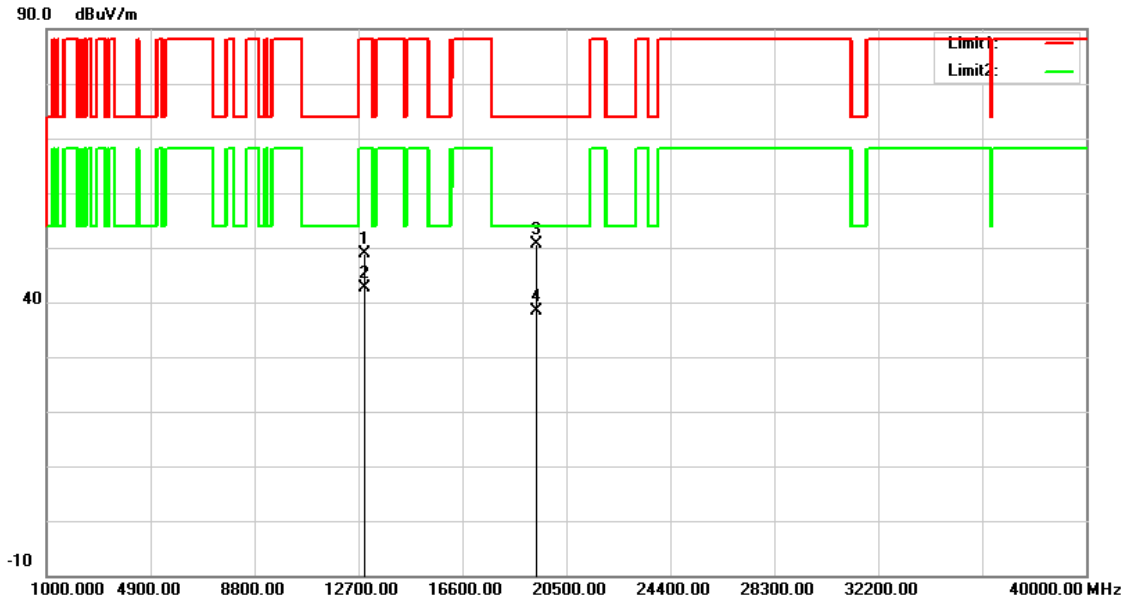
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12930.000	30.26	19.92	50.18	88.20	-38.02	peak
2	12930.000	21.26	19.92	41.18	68.20	-27.02	AVG
3	19395.000	30.72	20.08	50.80	74.00	-23.20	peak
4	19395.000	19.10	20.08	39.18	54.00	-14.82	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6465 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



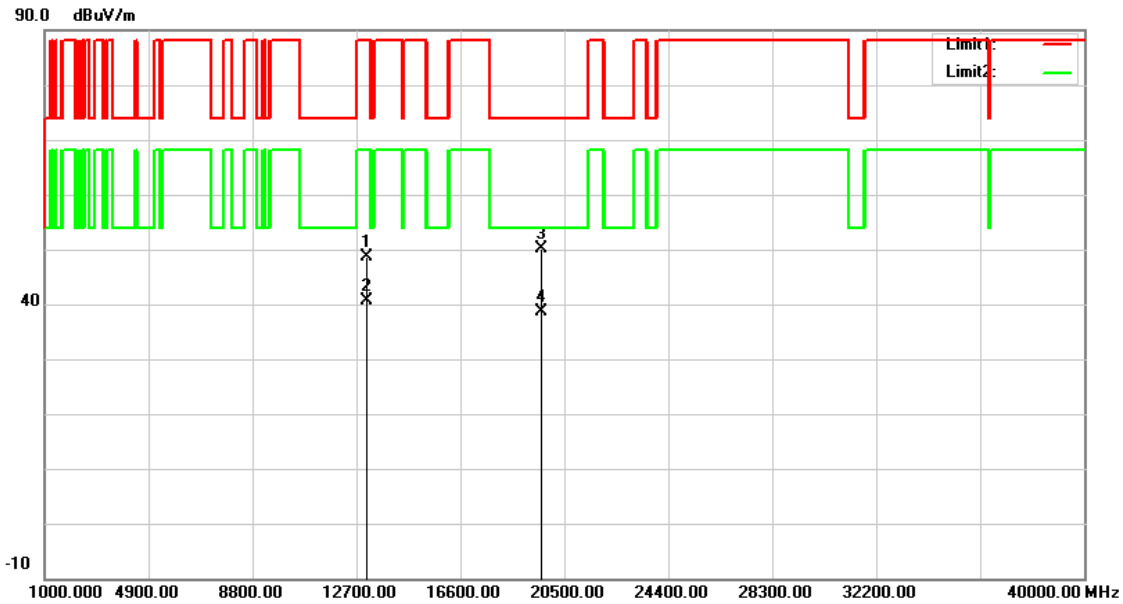
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12930.000	28.91	19.92	48.83	88.20	-39.37	peak
2	12930.000	22.65	19.92	42.57	68.20	-25.63	AVG
3	19395.000	30.49	20.08	50.57	74.00	-23.43	peak
4	19395.000	18.36	20.08	38.44	54.00	-15.56	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6545 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



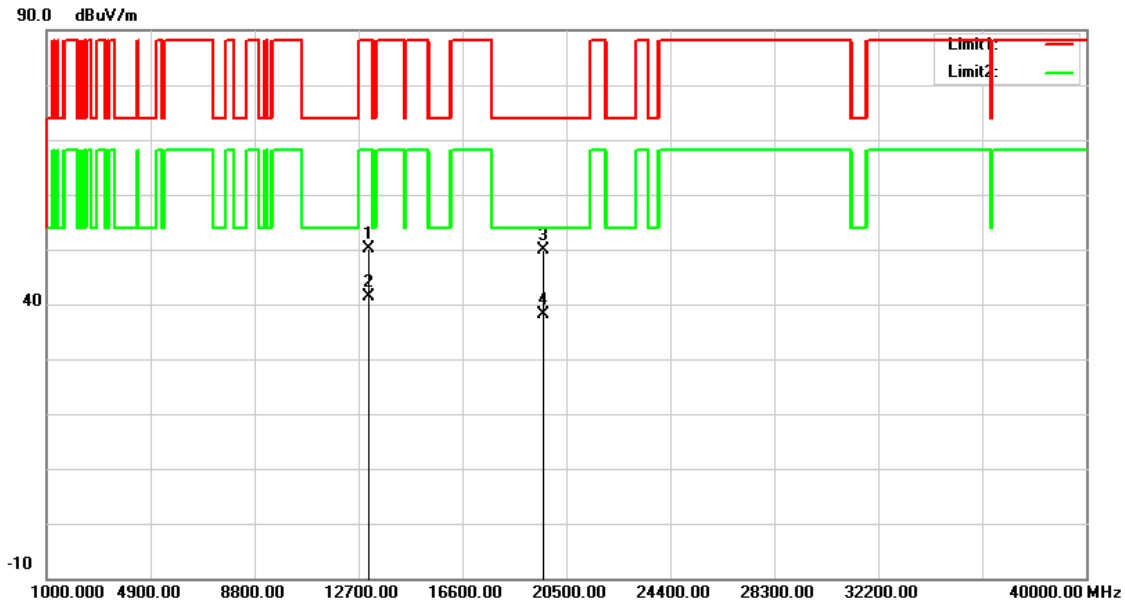
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13090.000	28.33	20.32	48.65	88.20	-39.55	peak
2	13090.000	20.35	20.32	40.67	68.20	-27.53	AVG
3	19635.000	30.30	19.80	50.10	74.00	-23.90	peak
4	19635.000	18.87	19.80	38.67	54.00	-15.33	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6545 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



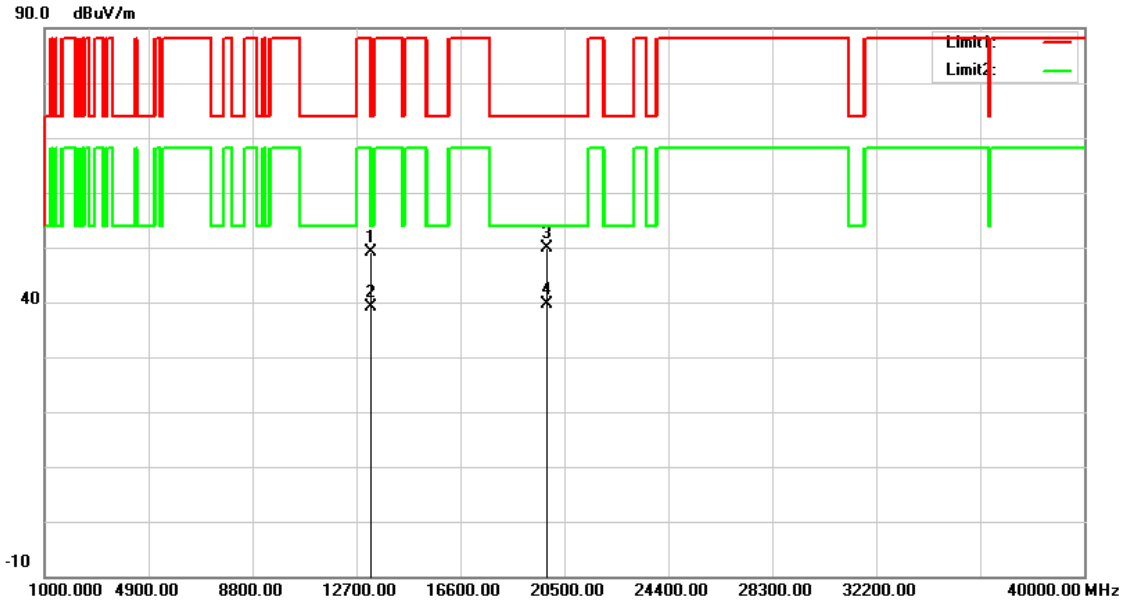
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13090.000	29.69	20.32	50.01	88.20	-38.19	peak
2	13090.000	21.14	20.32	41.46	68.20	-26.74	AVG
3	19635.000	29.99	19.80	49.79	74.00	-24.21	peak
4	19635.000	18.31	19.80	38.11	54.00	-15.89	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6625 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



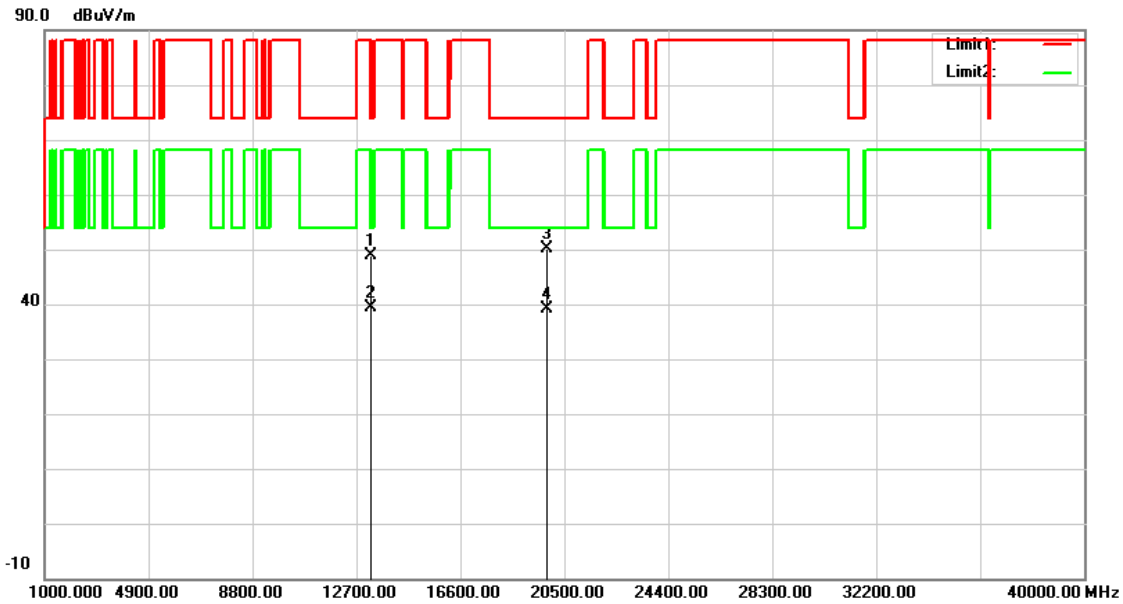
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13250.000	28.31	20.73	49.04	74.00	-24.96	peak
2	13250.000	18.50	20.73	39.23	54.00	-14.77	AVG
3	19875.000	30.40	19.53	49.93	74.00	-24.07	peak
4	19875.000	20.03	19.53	39.56	54.00	-14.44	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6625 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



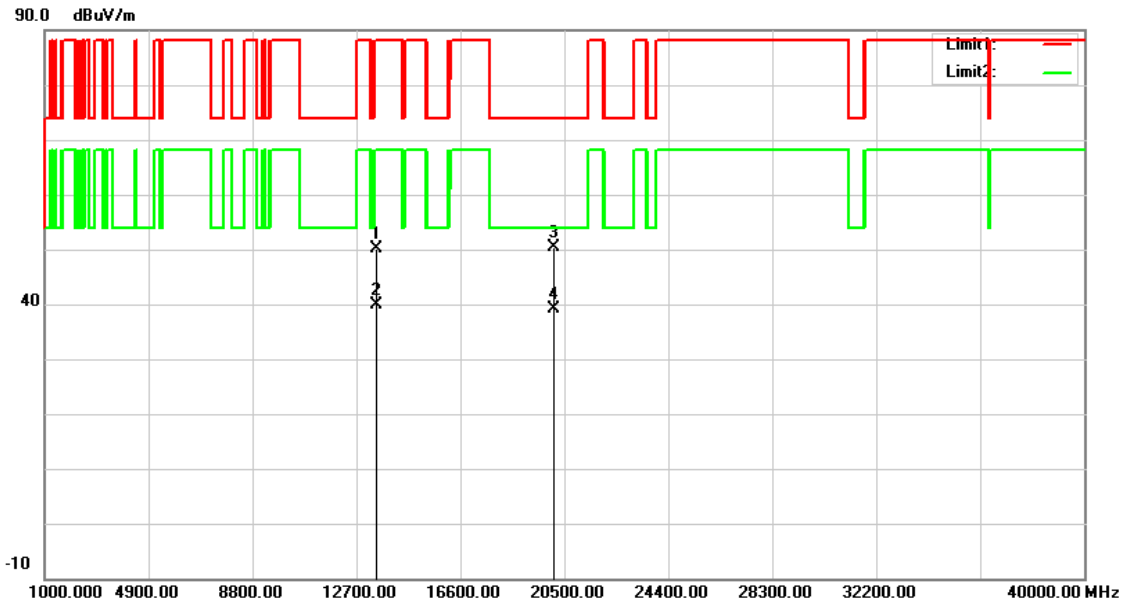
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13250.000	28.08	20.73	48.81	74.00	-25.19	peak
2	13250.000	18.67	20.73	39.40	54.00	-14.60	AVG
3	19875.000	30.55	19.53	50.08	74.00	-23.92	peak
4	19875.000	19.61	19.53	39.14	54.00	-14.86	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6705 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



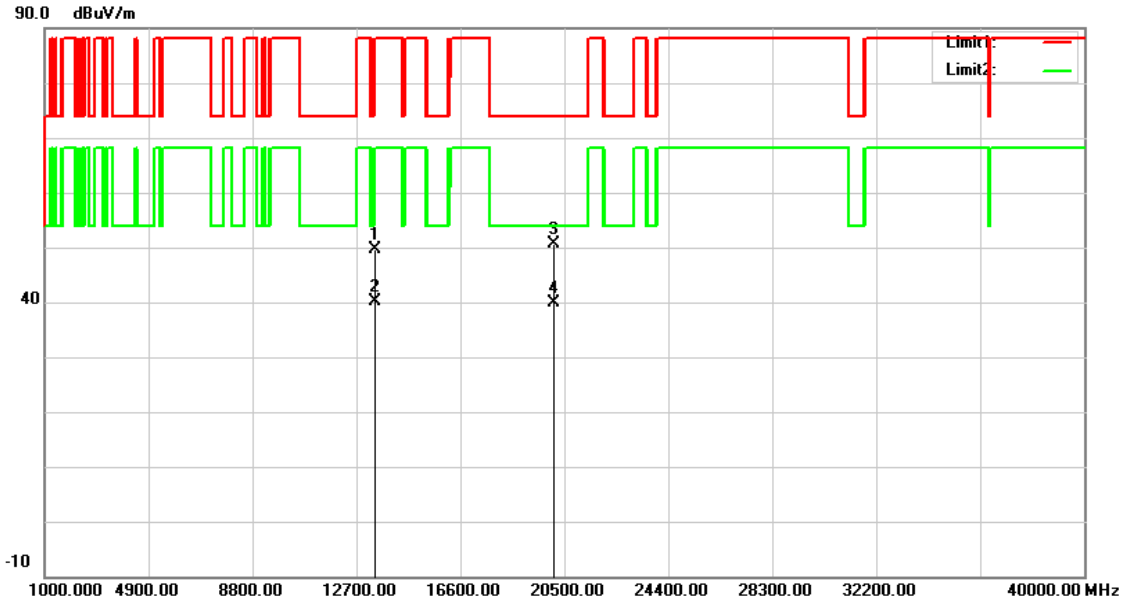
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13410.000	29.00	21.12	50.12	88.20	-38.08	peak
2	13410.000	18.65	21.12	39.77	68.20	-28.43	AVG
3	20115.000	30.94	19.42	50.36	74.00	-23.64	peak
4	20115.000	19.81	19.42	39.23	54.00	-14.77	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6705 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



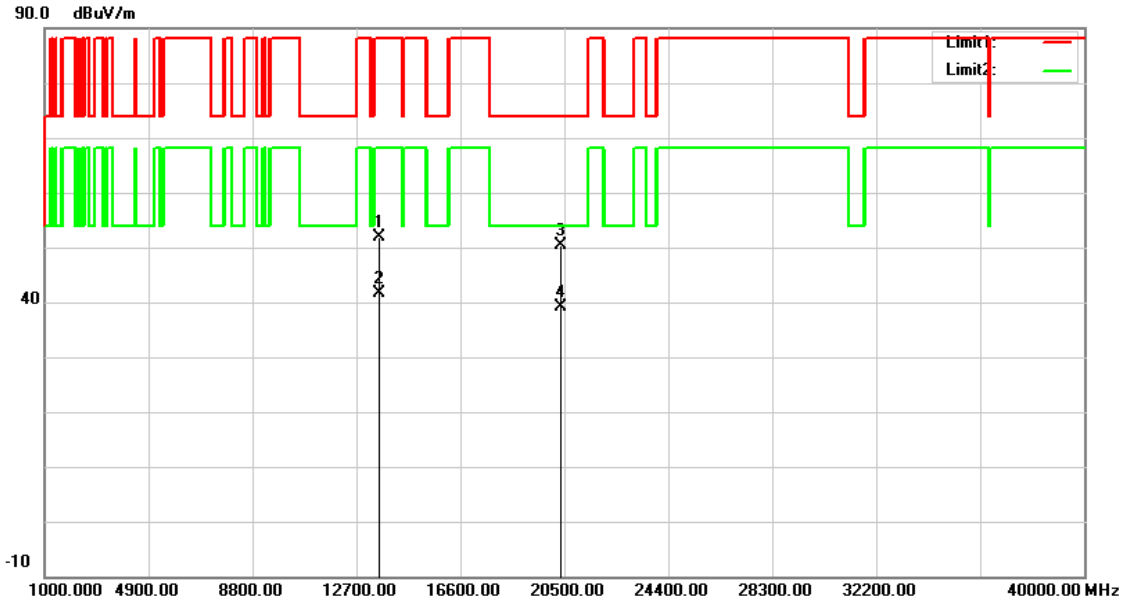
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13410.000	28.54	21.12	49.66	88.20	-38.54	peak
2	13410.000	18.98	21.12	40.10	68.20	-28.10	AVG
3	20115.000	31.33	19.42	50.75	74.00	-23.25	peak
4	20115.000	20.46	19.42	39.88	54.00	-14.12	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6785 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



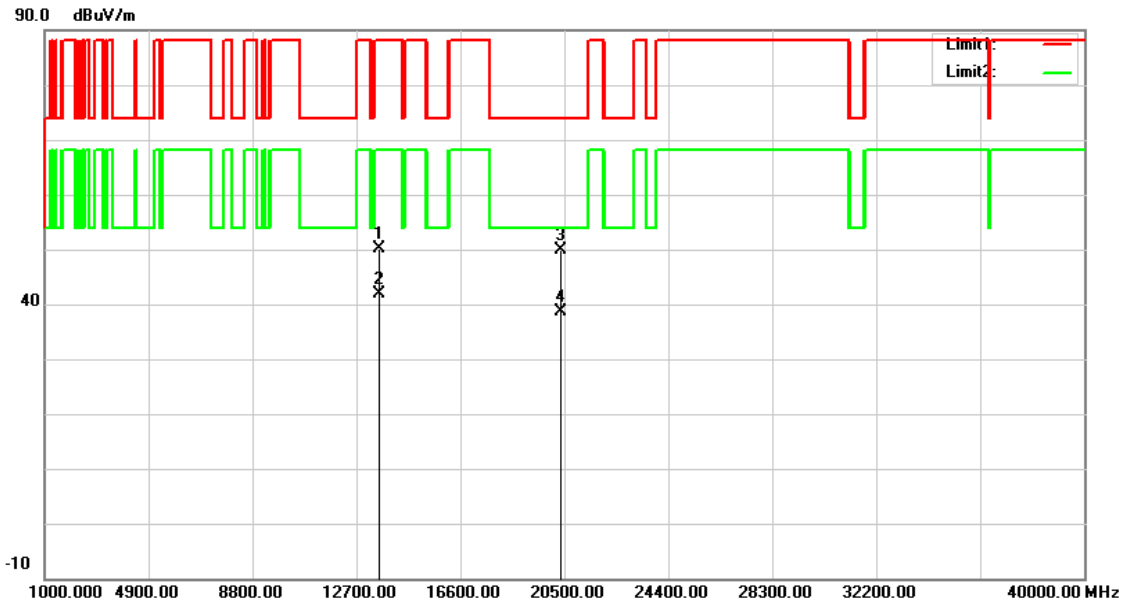
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13570.000	30.25	21.54	51.79	88.20	-36.41	peak
2	13570.000	20.02	21.54	41.56	68.20	-26.64	AVG
3	20355.000	30.82	19.48	50.30	74.00	-23.70	peak
4	20355.000	19.53	19.48	39.01	54.00	-14.99	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6785 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



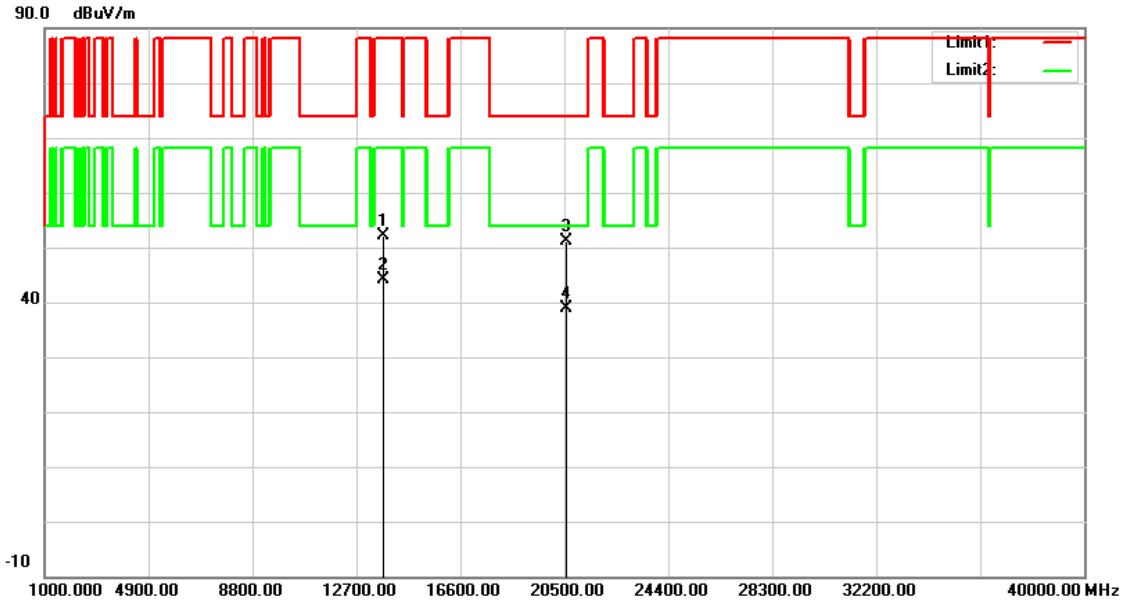
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13570.000	28.69	21.54	50.23	88.20	-37.97	peak
2	13570.000	20.30	21.54	41.84	68.20	-26.36	AVG
3	20355.000	30.29	19.48	49.77	74.00	-24.23	peak
4	20355.000	19.18	19.48	38.66	54.00	-15.34	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6865 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



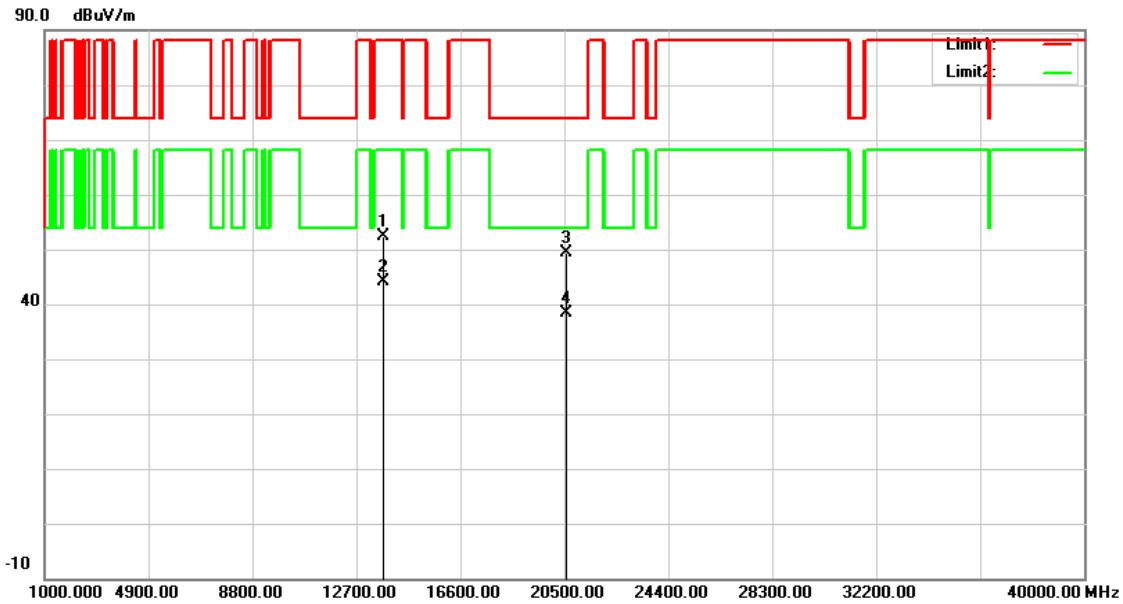
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13730.000	30.15	22.01	52.16	88.20	-36.04	peak
2	13730.000	22.16	22.01	44.17	68.20	-24.03	AVG
3	20595.000	31.32	19.76	51.08	74.00	-22.92	peak
4	20595.000	19.00	19.76	38.76	54.00	-15.24	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6865 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



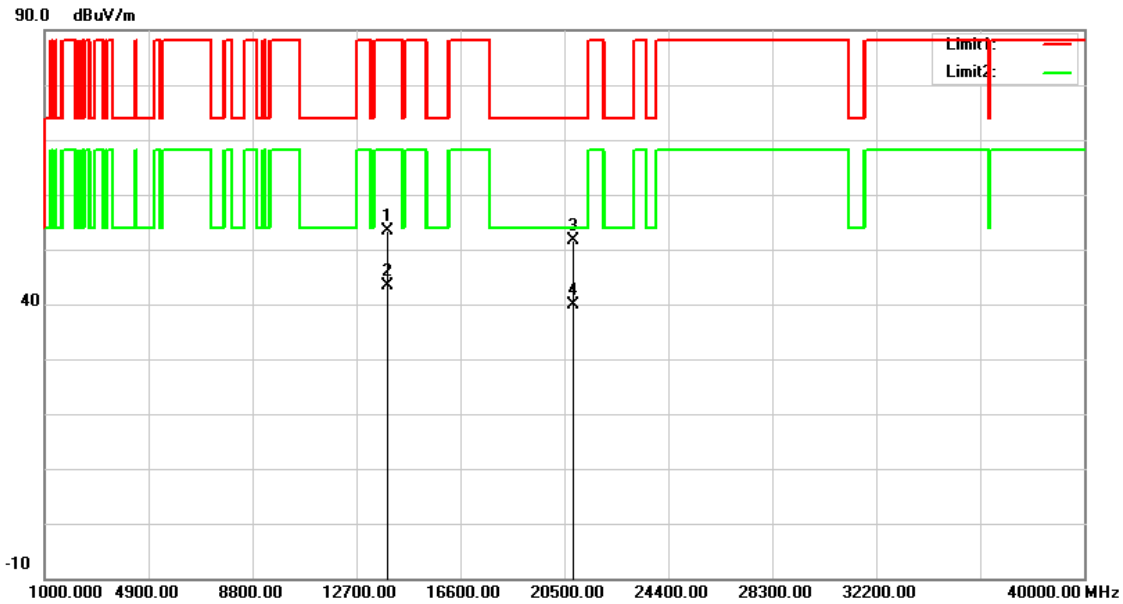
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13730.000	30.41	22.01	52.42	88.20	-35.78	peak
2	13730.000	22.03	22.01	44.04	68.20	-24.16	AVG
3	20595.000	29.74	19.76	49.50	74.00	-24.50	peak
4	20595.000	18.70	19.76	38.46	54.00	-15.54	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6945 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



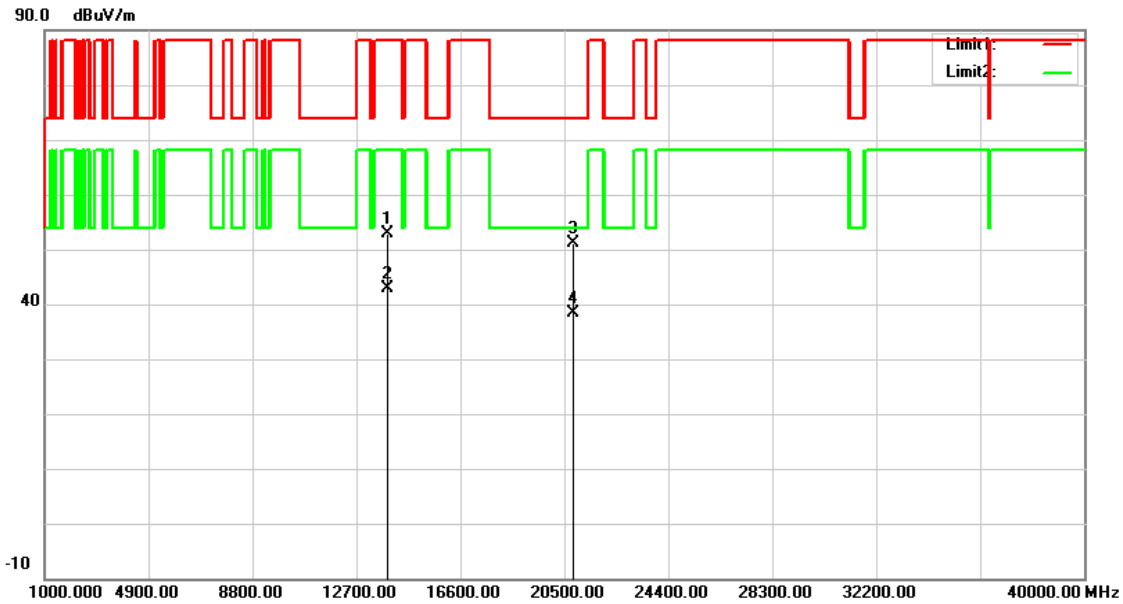
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13890.000	30.92	22.46	53.38	88.20	-34.82	peak
2	13890.000	20.95	22.46	43.41	68.20	-24.79	AVG
3	20835.000	31.16	20.38	51.54	74.00	-22.46	peak
4	20835.000	19.51	20.38	39.89	54.00	-14.11	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6945 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



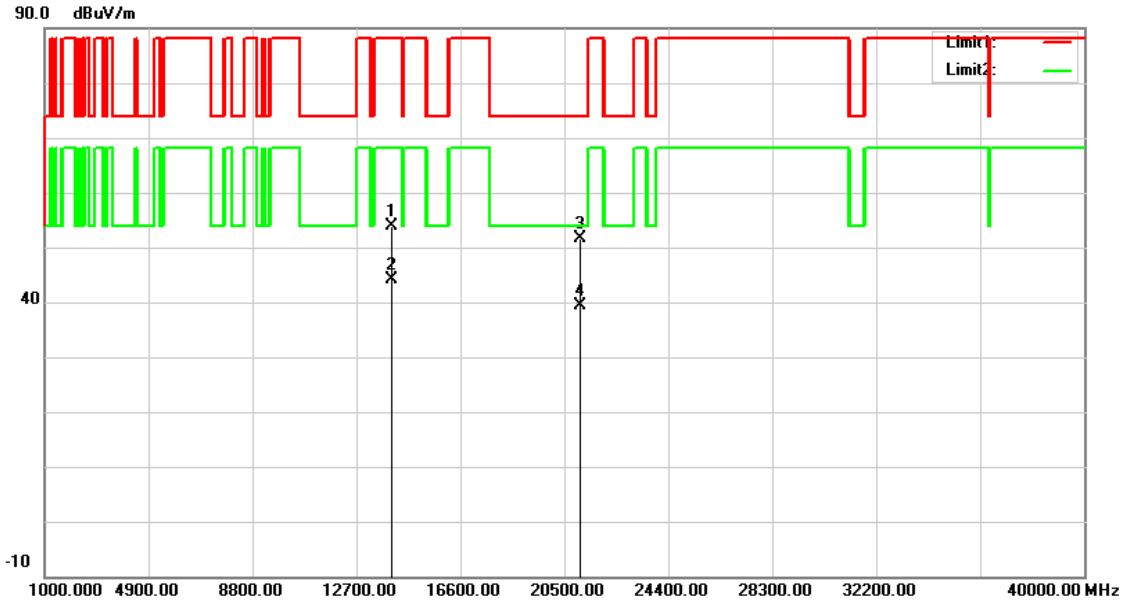
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13890.000	30.43	22.46	52.89	88.20	-35.31	peak
2	13890.000	20.45	22.46	42.91	68.20	-25.29	AVG
3	20835.000	30.67	20.38	51.05	74.00	-22.95	peak
4	20835.000	18.11	20.38	38.49	54.00	-15.51	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



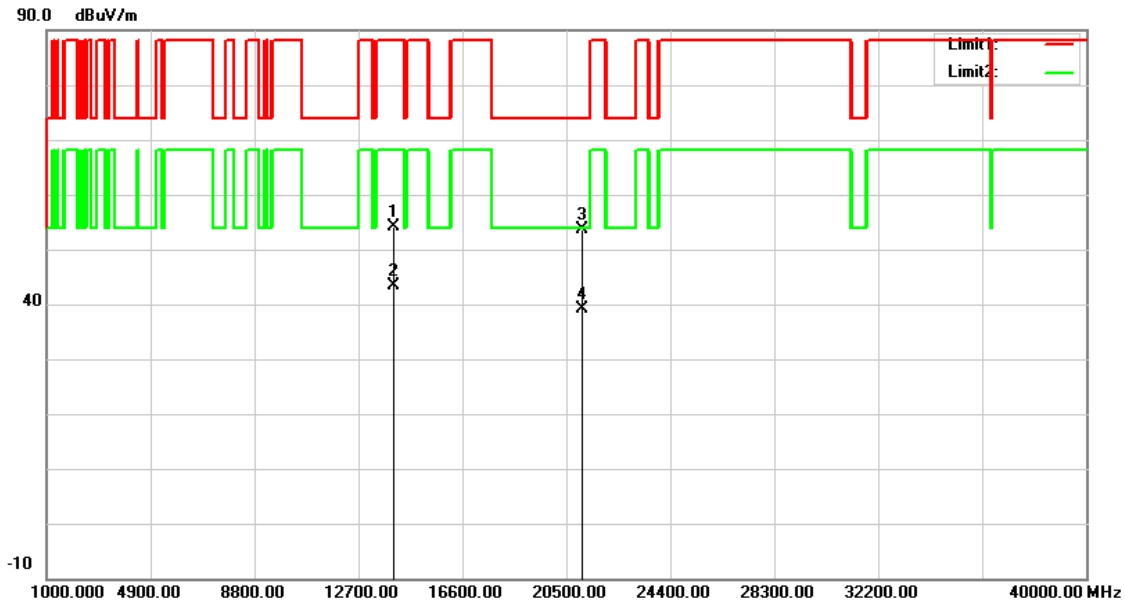
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14050.000	30.94	22.84	53.78	88.20	-34.42	peak
2	14050.000	21.36	22.84	44.20	68.20	-24.00	AVG
3	21075.000	30.82	20.79	51.61	74.00	-22.39	peak
4	21075.000	18.68	20.79	39.47	54.00	-14.53	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



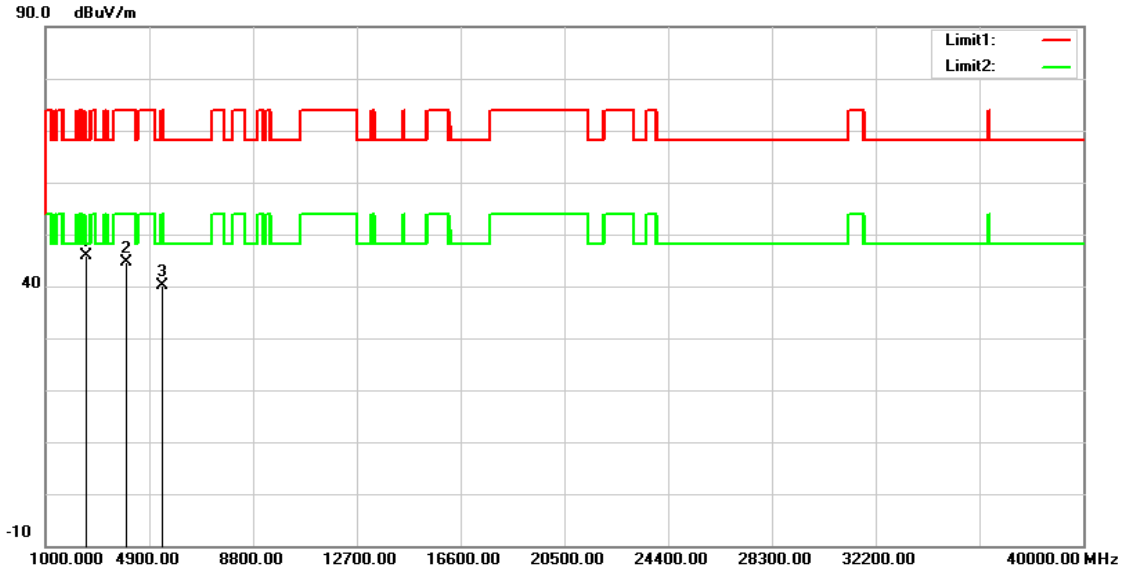
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14050.000	31.22	22.84	54.06	88.20	-34.14	peak
2	14050.000	20.57	22.84	43.41	68.20	-24.79	AVG
3	21075.000	32.91	20.79	53.70	74.00	-20.30	peak
4	21075.000	18.34	20.79	39.13	54.00	-14.87	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Transmitter Unwanted Emissions		
Test Mode:	Simultaneous Transmitting		
	(WLAN 2.4 + 5 GHz + 6 GHz)		
Ant.Polar.:	Horizontal		



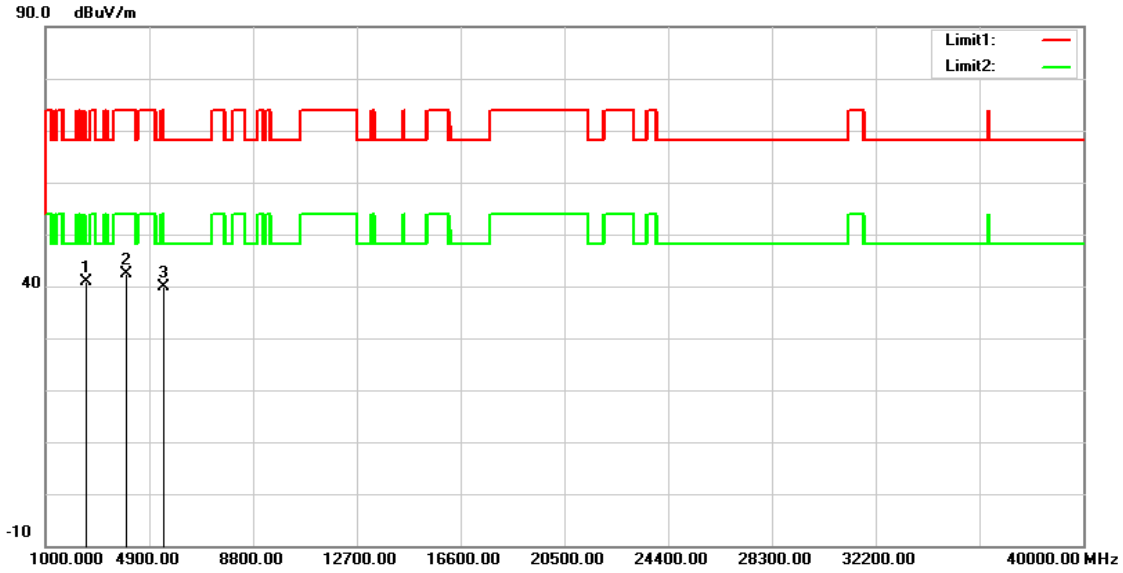
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2496.000	47.76	-1.84	45.92	74.00	-28.08	peak
2	4009.000	41.37	3.16	44.53	74.00	-29.47	peak
3	5403.000	34.03	6.10	40.13	74.00	-33.87	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Transmitter Unwanted Emissions		
Test Mode:	Simultaneous Transmitting		
	(WLAN 2.4 + 5 GHz + 6 GHz)		
Ant.Polar.:	Vertical		



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

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

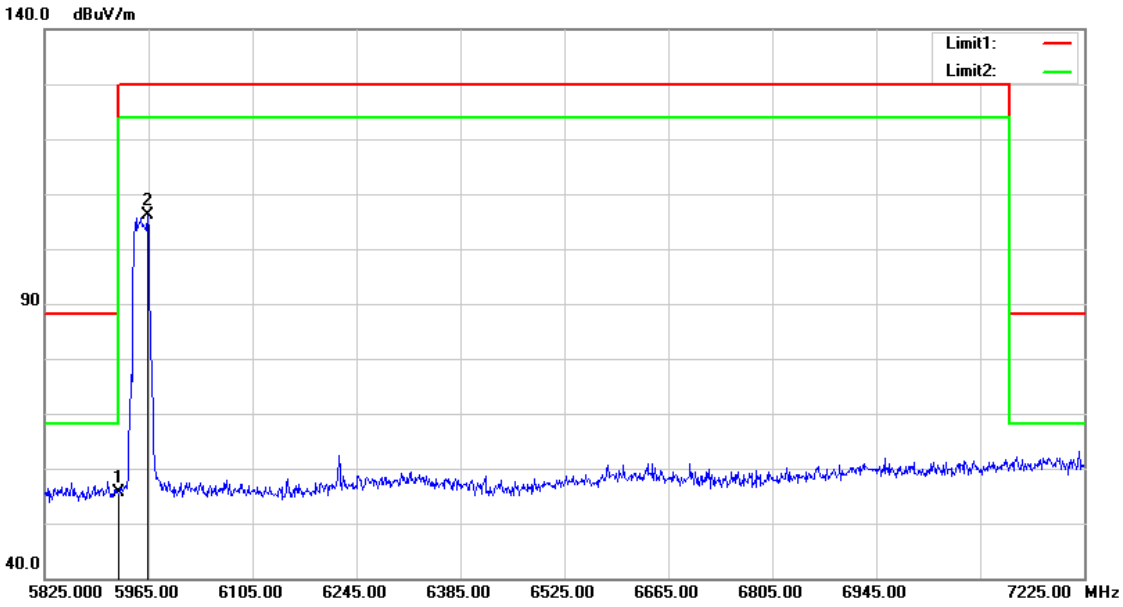
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Band Edge

Peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



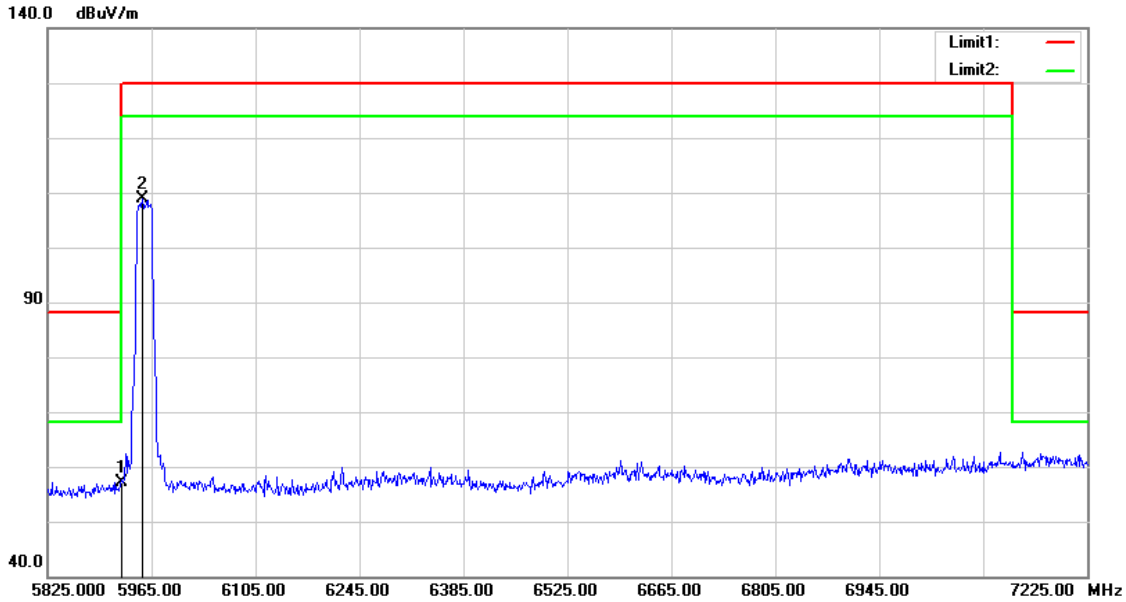
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	48.36	7.25	55.61	88.20	-32.59	peak
2	5963.600	98.67	7.34	106.01	130.00	-23.99	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



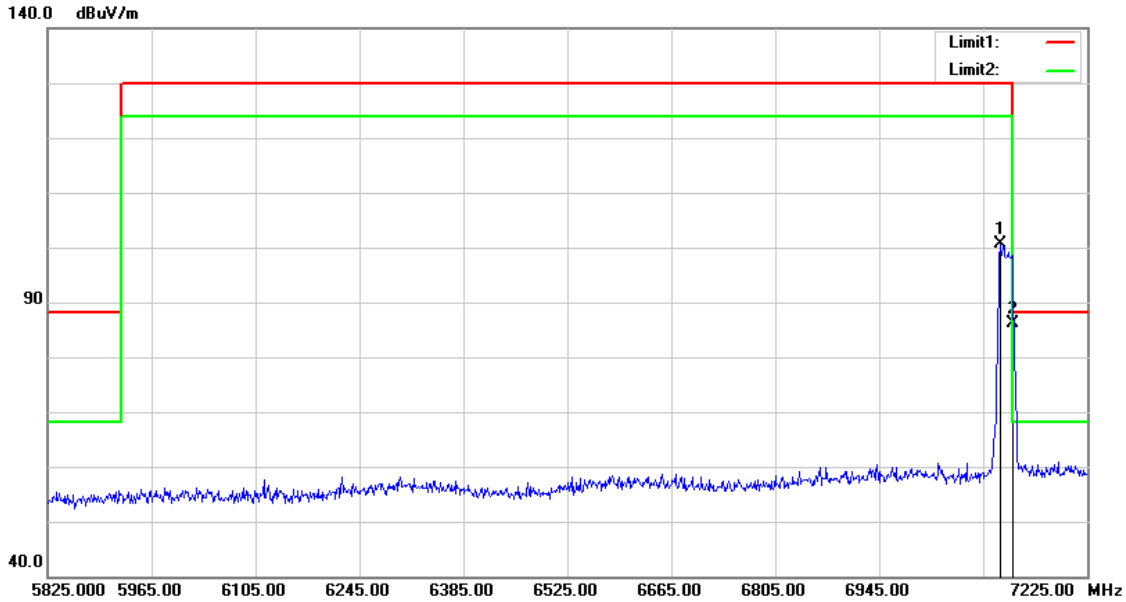
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	49.84	7.25	57.09	88.20	-31.11	peak
2	5952.400	101.53	7.30	108.83	130.00	-21.17	peak

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:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



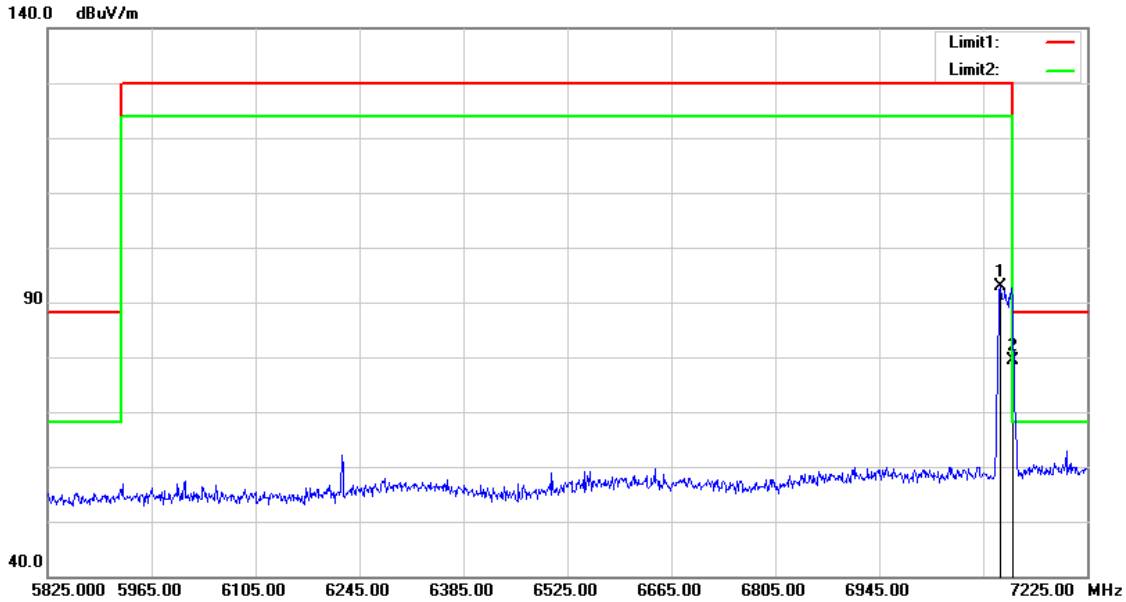
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7107.400	88.56	12.00	100.56	130.00	-29.44	peak
2	7125.000	74.12	12.03	86.15	88.20	-2.05	peak

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:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



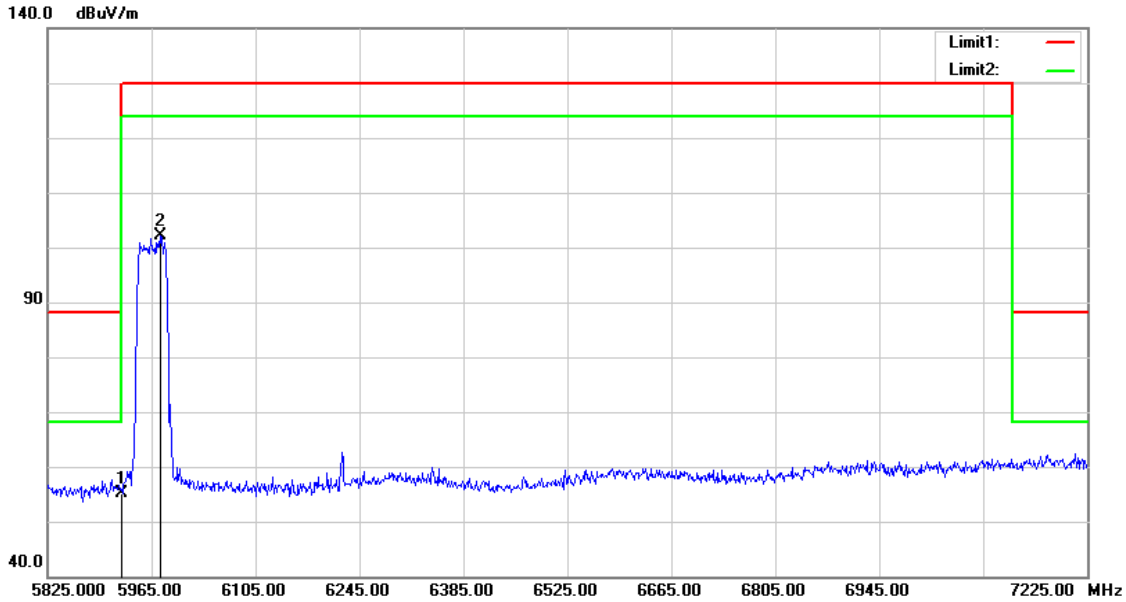
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7107.400	80.98	12.00	92.98	130.00	-37.02	peak
2	7125.000	67.39	12.03	79.42	88.20	-8.78	peak

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:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



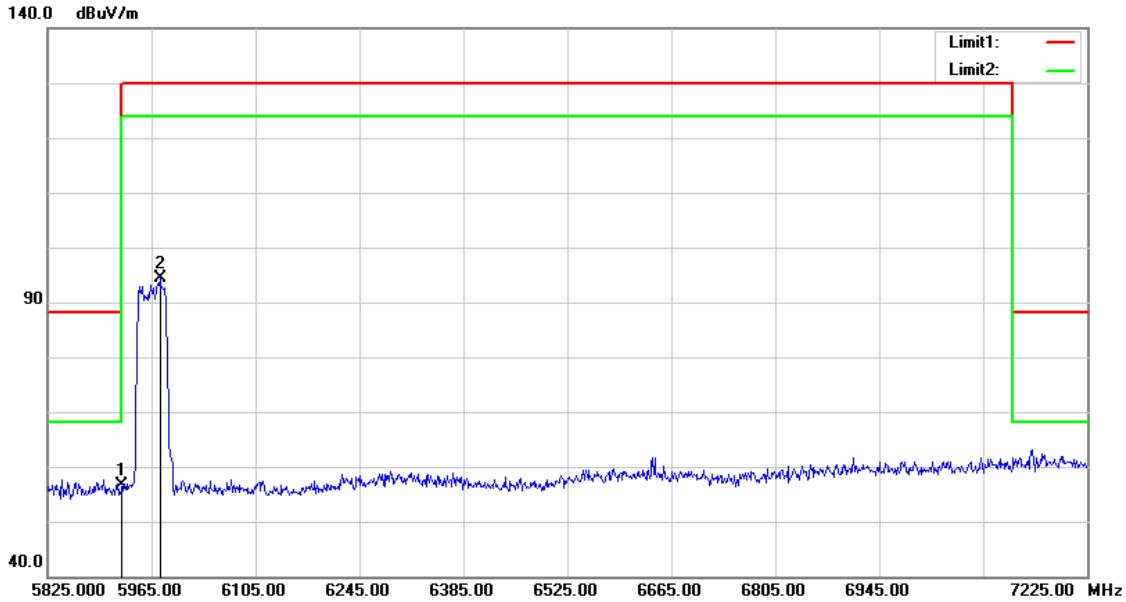
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	47.94	7.25	55.19	88.20	-33.01	peak
2	5976.200	94.76	7.37	102.13	130.00	-27.87	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



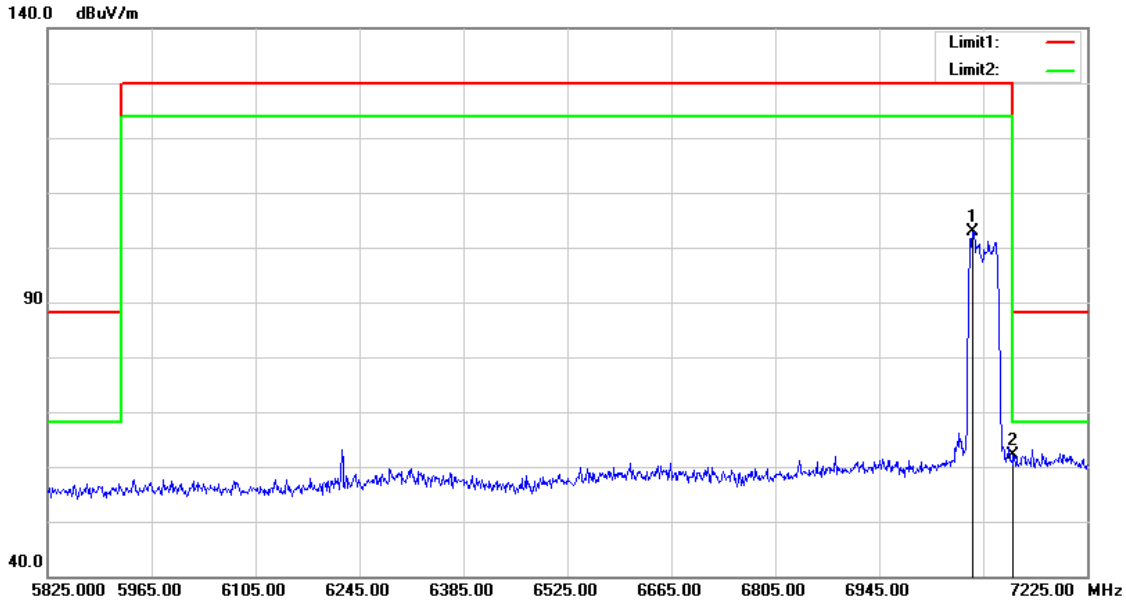
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	49.37	7.25	56.62	88.20	-31.58	peak
2	5976.200	87.07	7.37	94.44	130.00	-35.56	peak

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:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



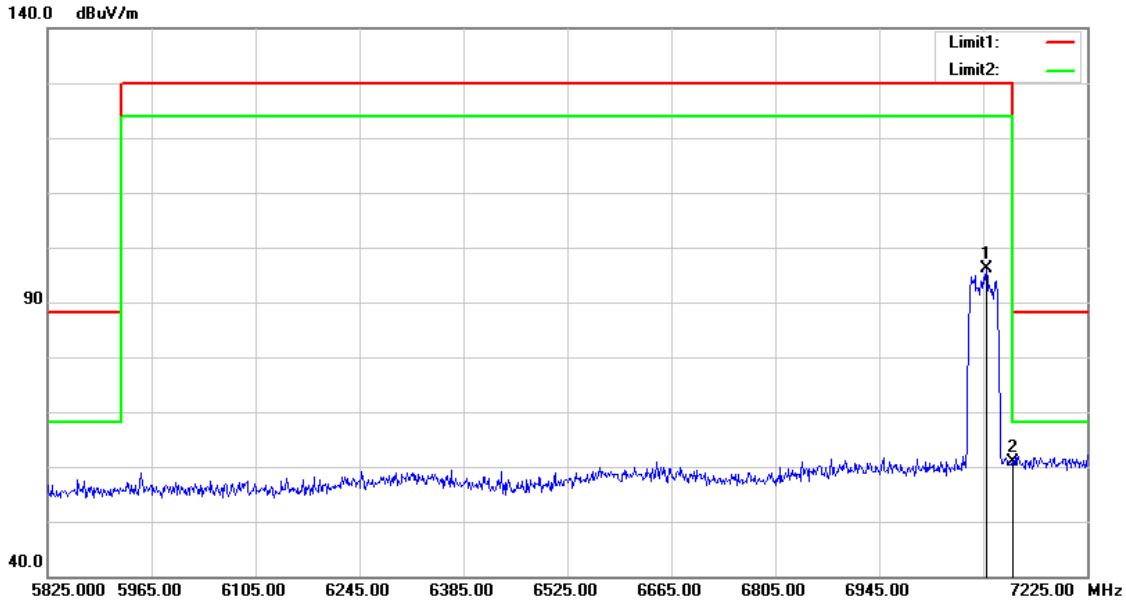
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7071.000	90.96	11.90	102.86	130.00	-27.14	peak
2	7125.000	50.05	12.03	62.08	88.20	-26.12	peak

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:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



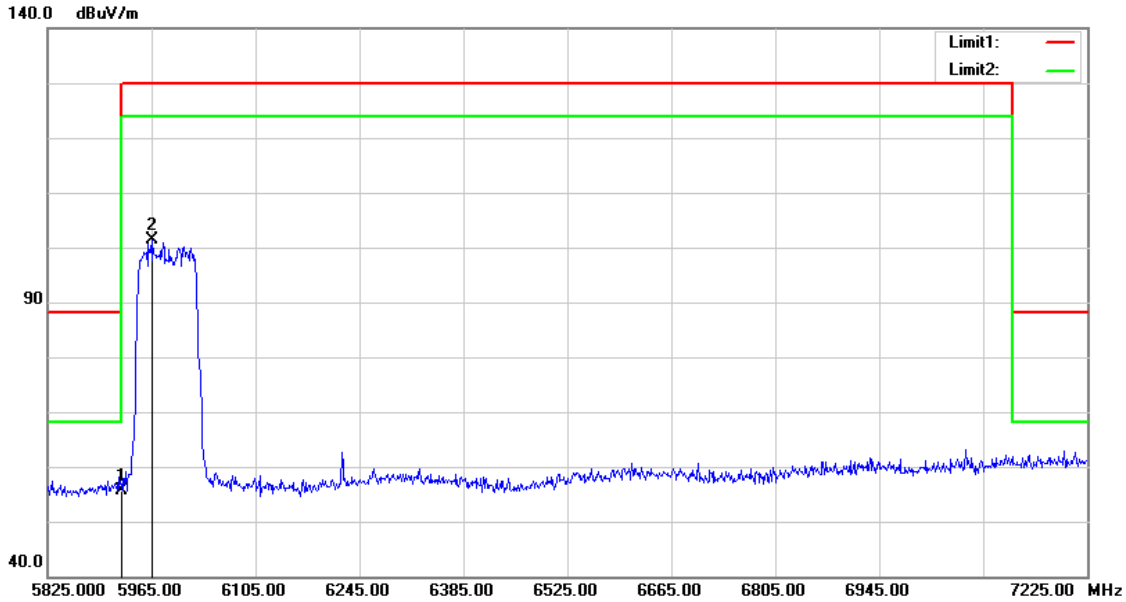
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7089.200	84.19	11.95	96.14	130.00	-33.86	peak
2	7125.000	48.94	12.03	60.97	88.20	-27.23	peak

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:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



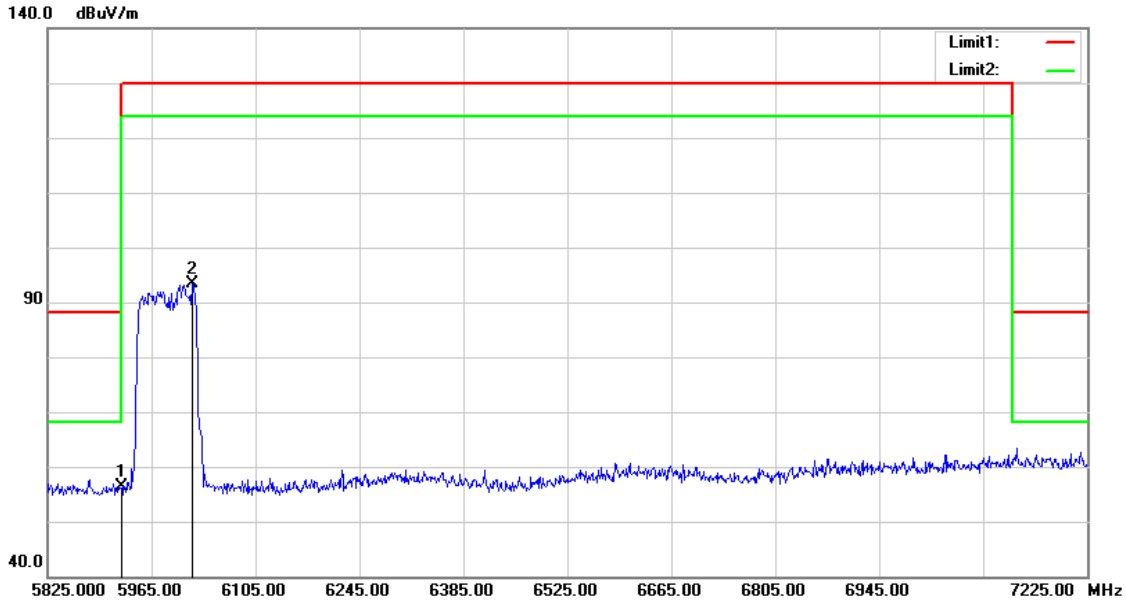
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	48.30	7.25	55.55	88.20	-32.65	peak
2	5966.400	93.98	7.34	101.32	130.00	-28.68	peak

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:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



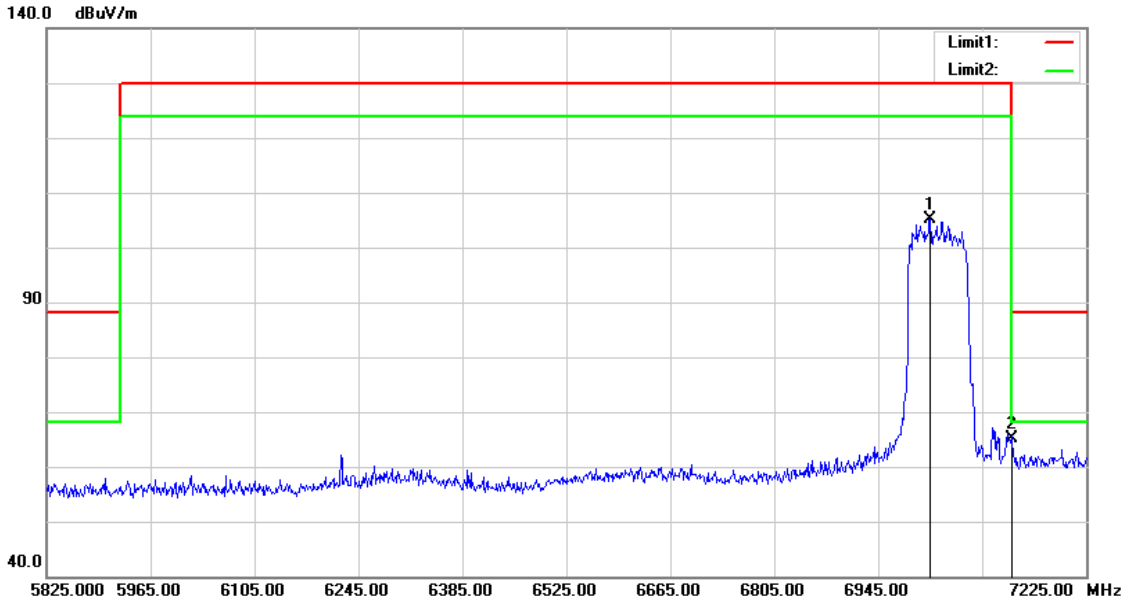
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	49.02	7.25	56.27	88.20	-31.93	peak
2	6019.600	85.84	7.53	93.37	130.00	-36.63	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



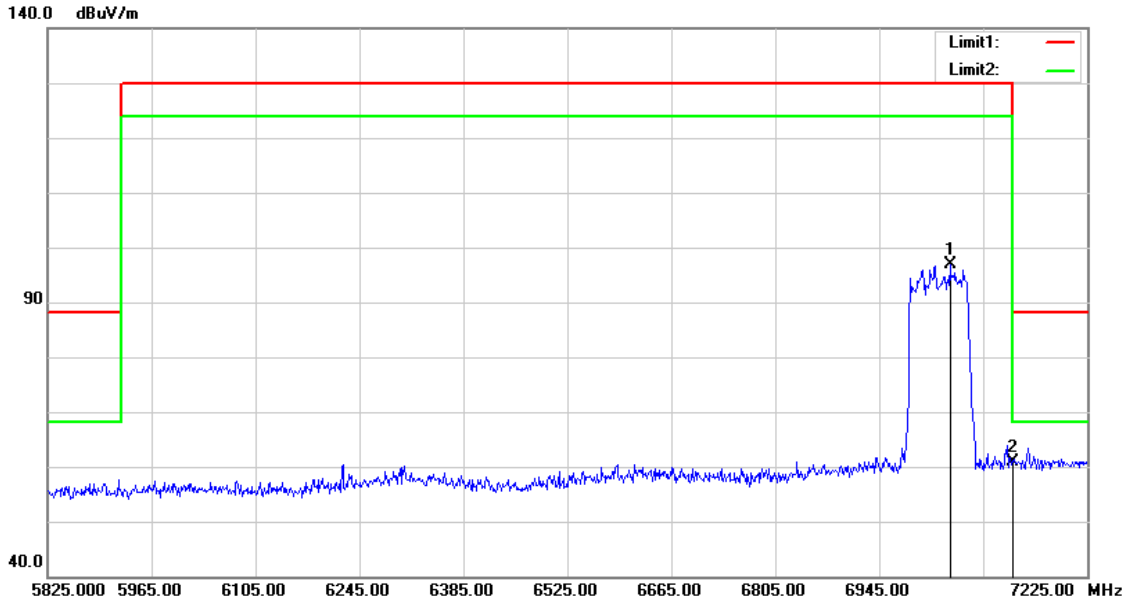
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7015.000	93.44	11.77	105.21	130.00	-24.79	peak
2	7125.000	53.13	12.03	65.16	88.20	-23.04	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7040.200	84.97	11.83	96.80	130.00	-33.20	peak
2	7125.000	48.91	12.03	60.94	88.20	-27.26	peak

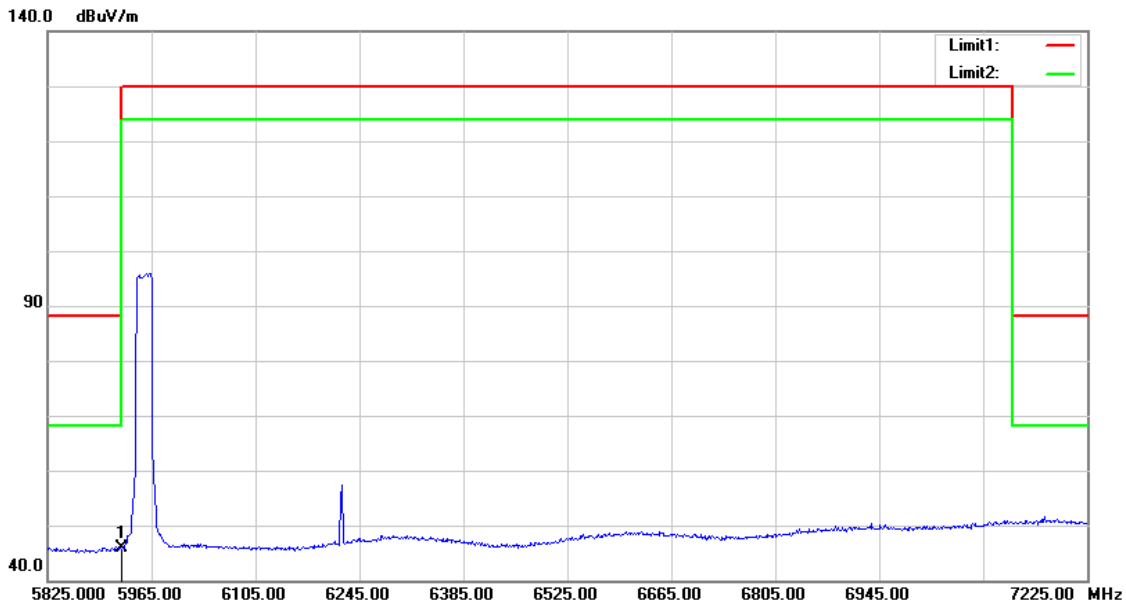
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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.

Average

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



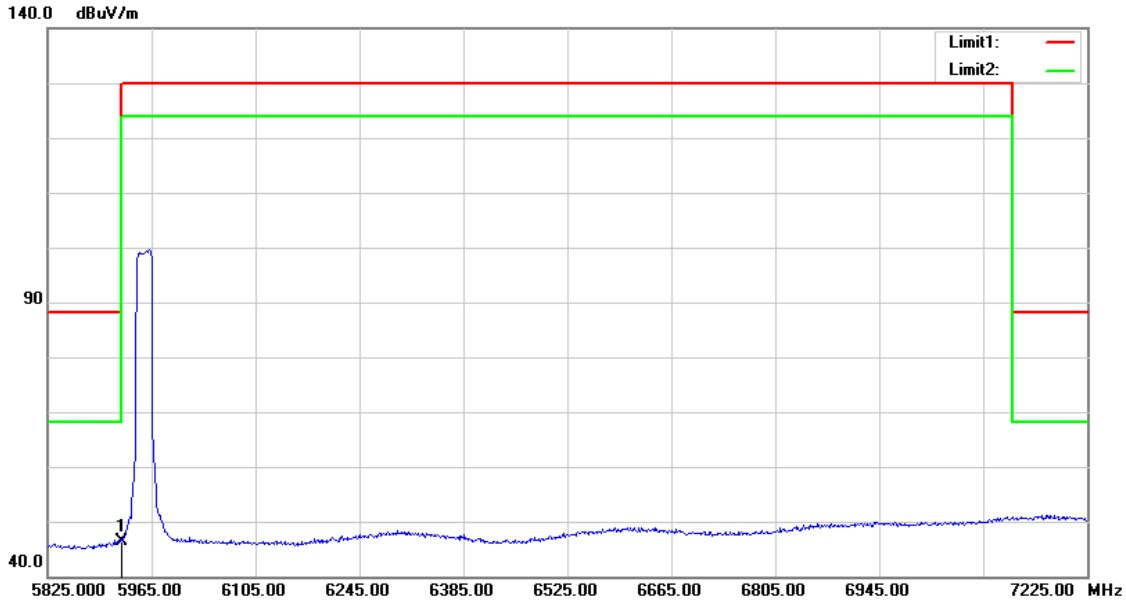
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	38.59	7.25	45.84	68.20	-22.36	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



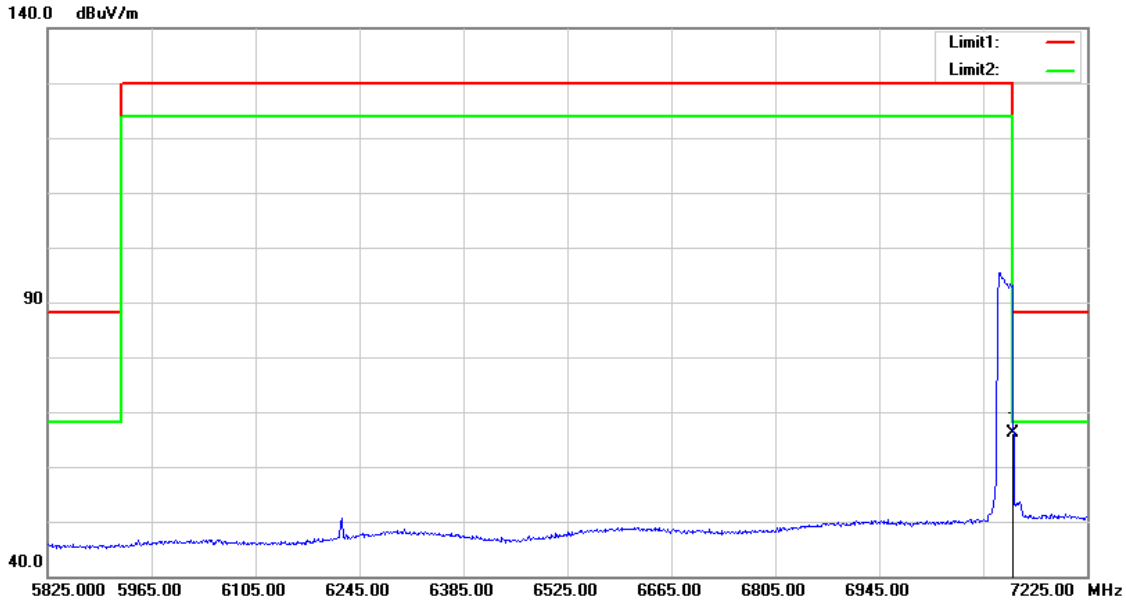
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	39.09	7.25	46.34	68.20	-21.86	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



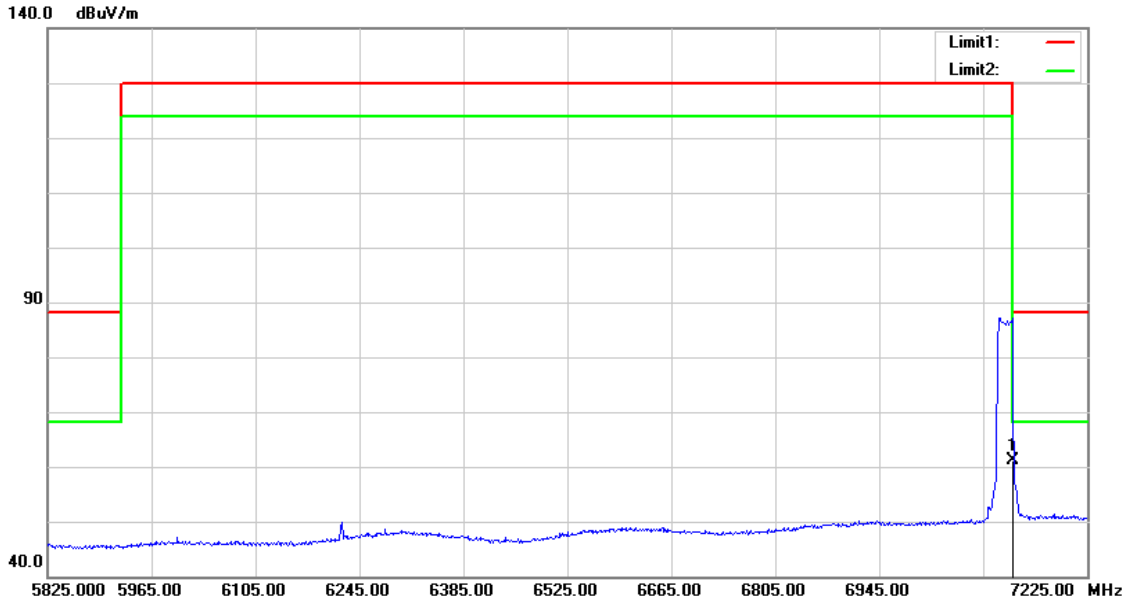
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	54.14	12.03	66.17	68.20	-2.03	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



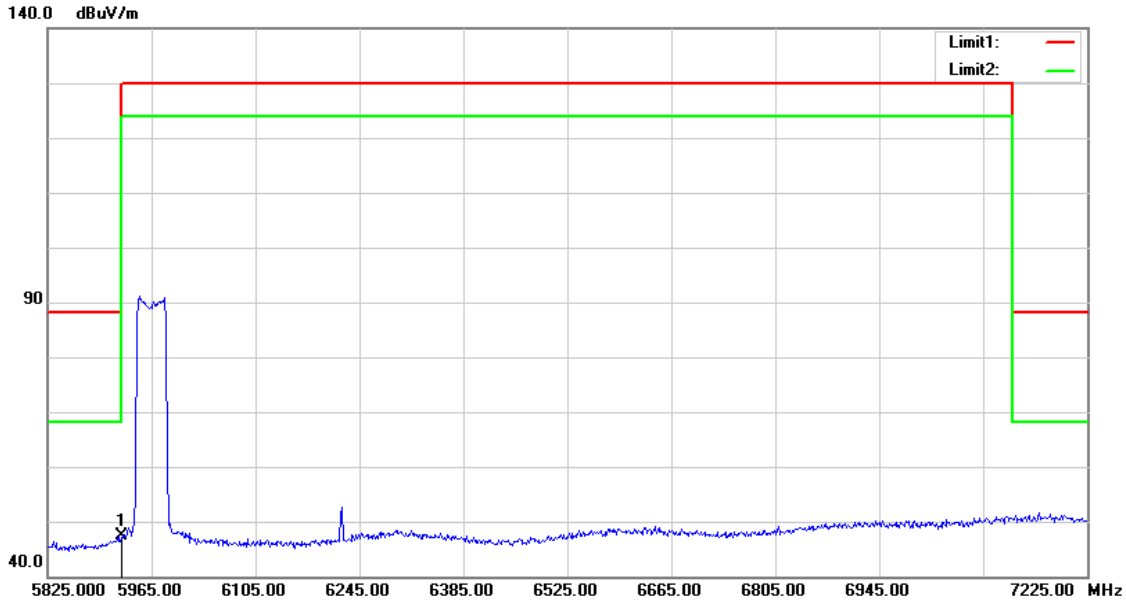
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	49.09	12.03	61.12	68.20	-7.08	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



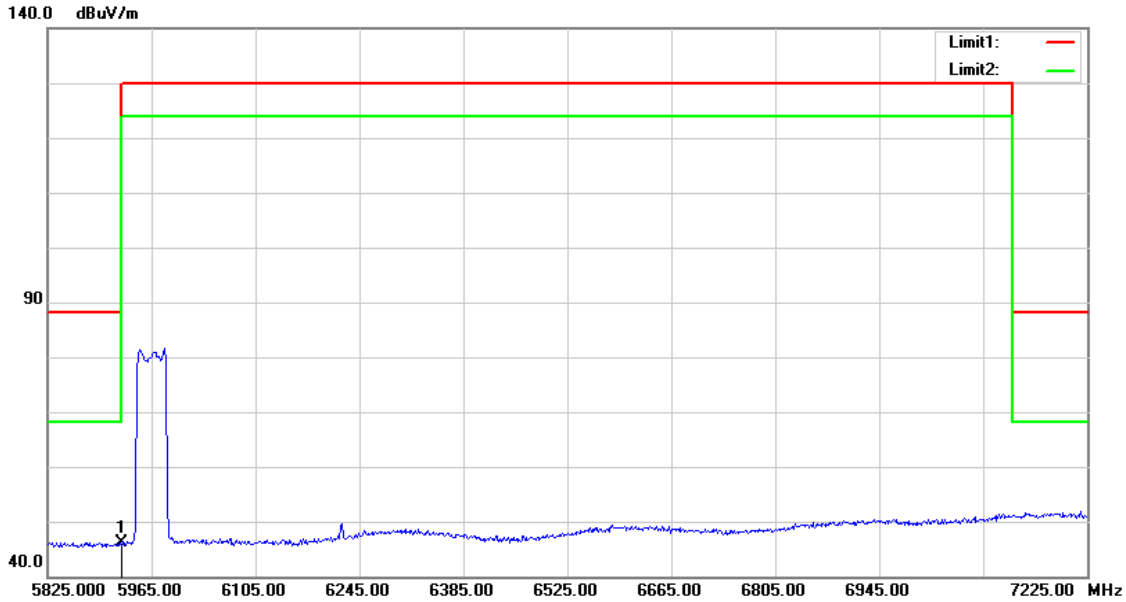
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	40.02	7.25	47.27	68.20	-20.93	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



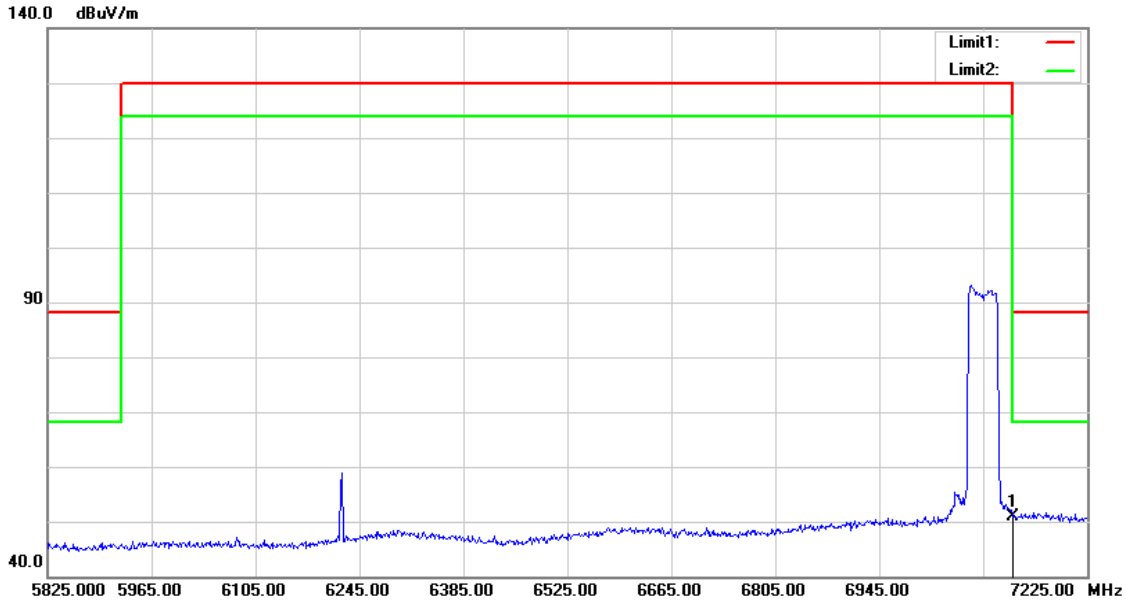
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	38.92	7.25	46.17	68.20	-22.03	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



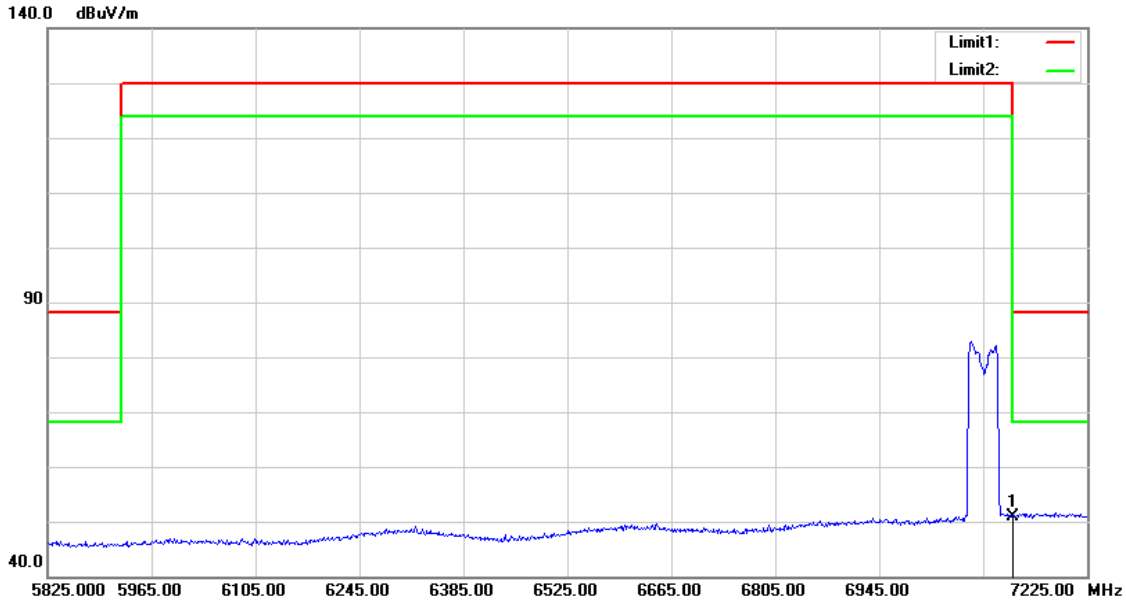
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	38.91	12.03	50.94	68.20	-17.26	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



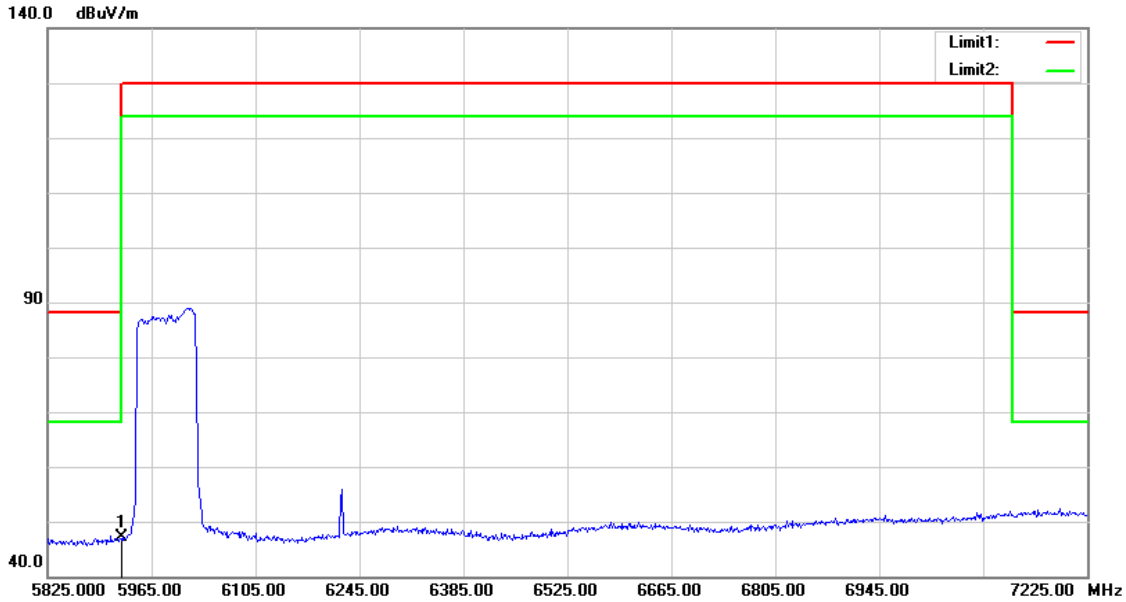
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	38.86	12.03	50.89	68.20	-17.31	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



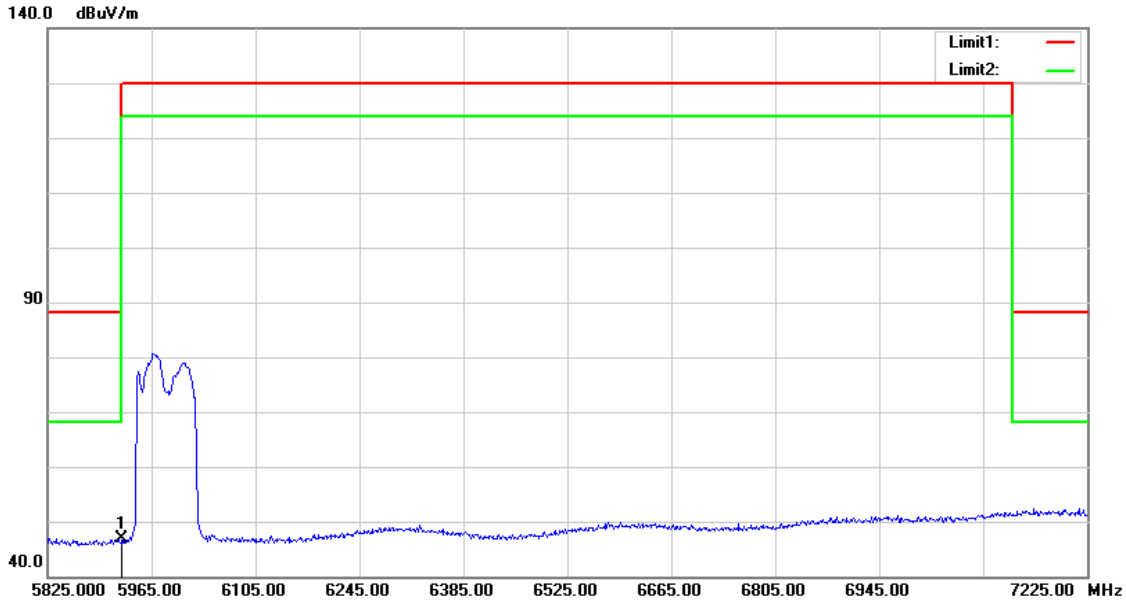
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	39.81	7.25	47.06	68.20	-21.14	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



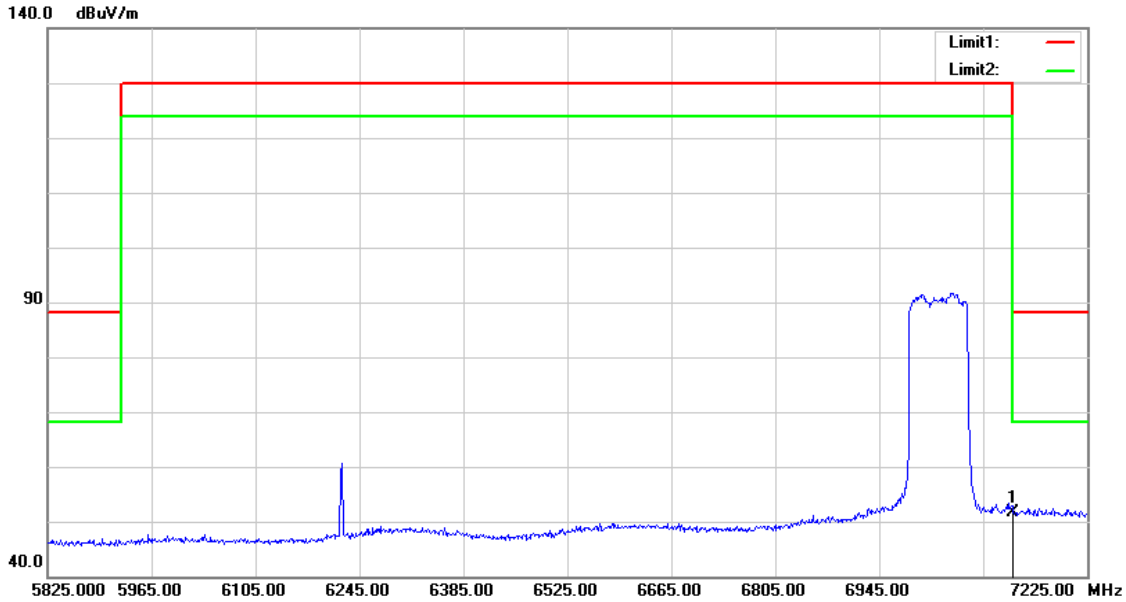
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	39.57	7.25	46.82	68.20	-21.38	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



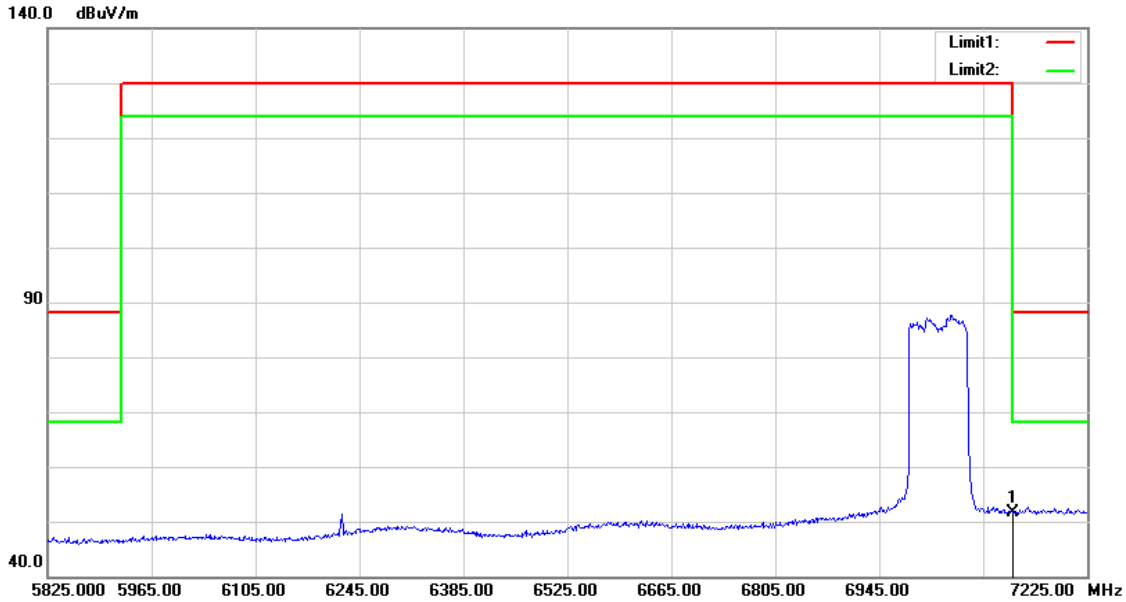
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	39.50	12.03	51.53	68.20	-16.67	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	39.56	12.03	51.59	68.20	-16.61	AVG

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

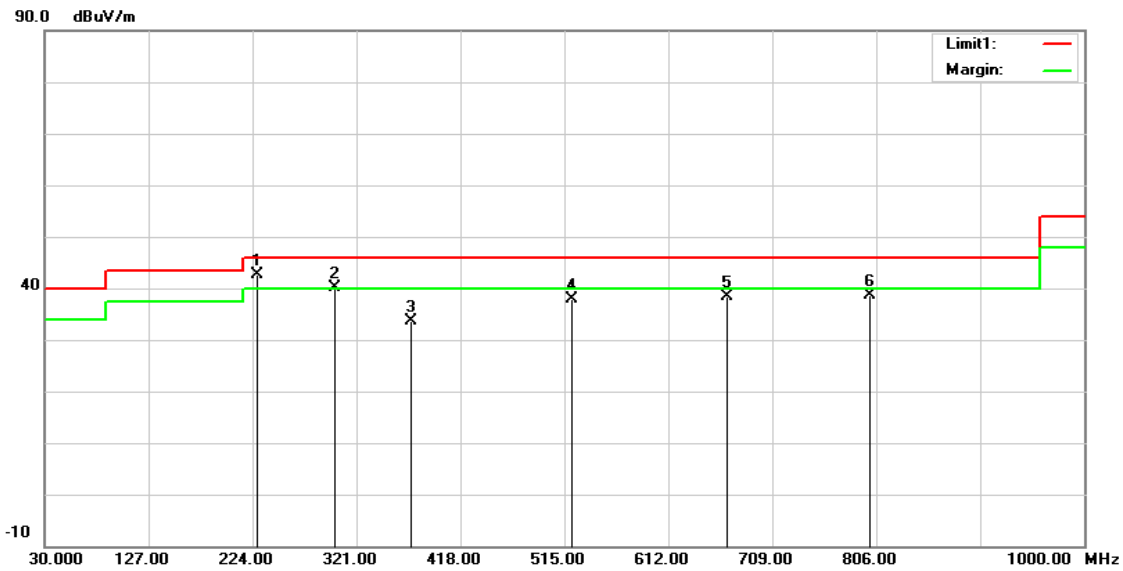
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Beamforming on

Below 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



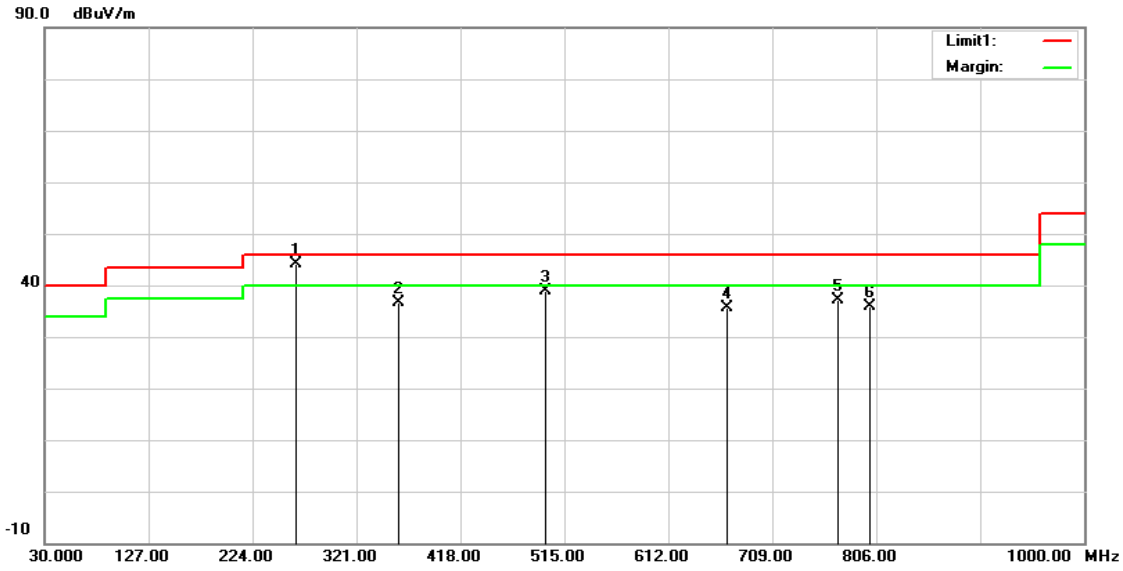
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	227.8800	55.75	-13.18	42.57	46.00	-3.43	QP
2	300.6300	49.64	-9.52	40.12	46.00	-5.88	QP
3	372.4100	41.27	-7.72	33.55	46.00	-12.45	QP
4	521.7900	42.16	-4.18	37.98	46.00	-8.02	QP
5	667.2900	39.60	-1.28	38.32	46.00	-7.68	QP
6	800.1800	37.88	0.81	38.69	46.00	-7.31	QP

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	7115 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	264.7400	54.87	-10.66	44.21	46.00	-1.79	QP
2	360.7700	44.68	-8.12	36.56	46.00	-9.44	QP
3	497.5400	43.33	-4.56	38.77	46.00	-7.23	QP
4	667.2900	36.81	-1.28	35.53	46.00	-10.47	QP
5	770.1100	36.62	0.53	37.15	46.00	-8.85	QP
6	800.1800	35.17	0.81	35.98	46.00	-10.02	QP

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

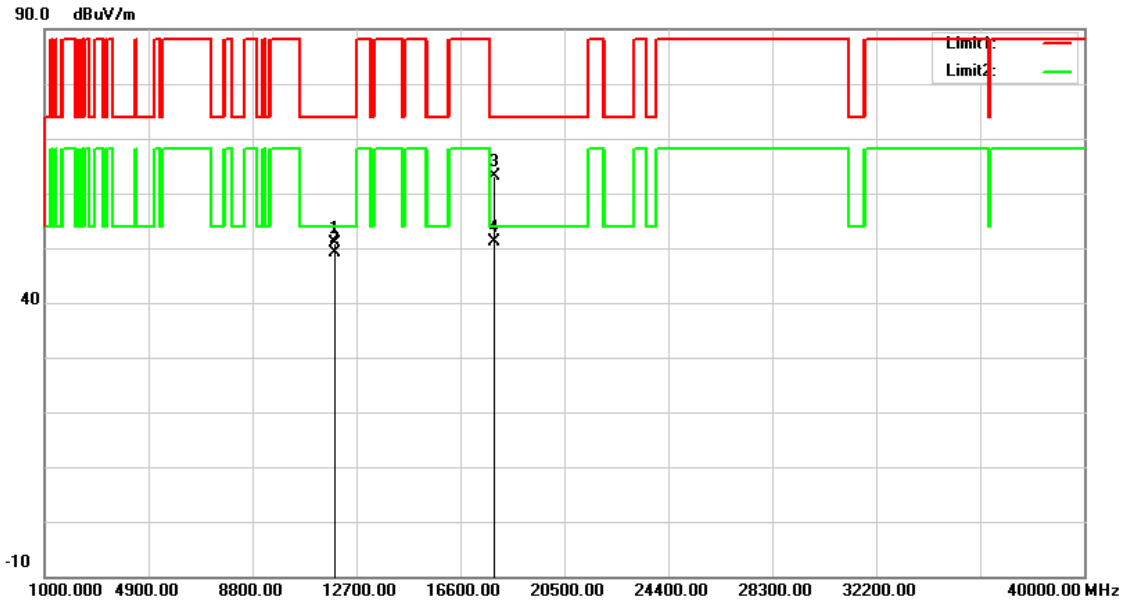
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Harmonic

Above 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



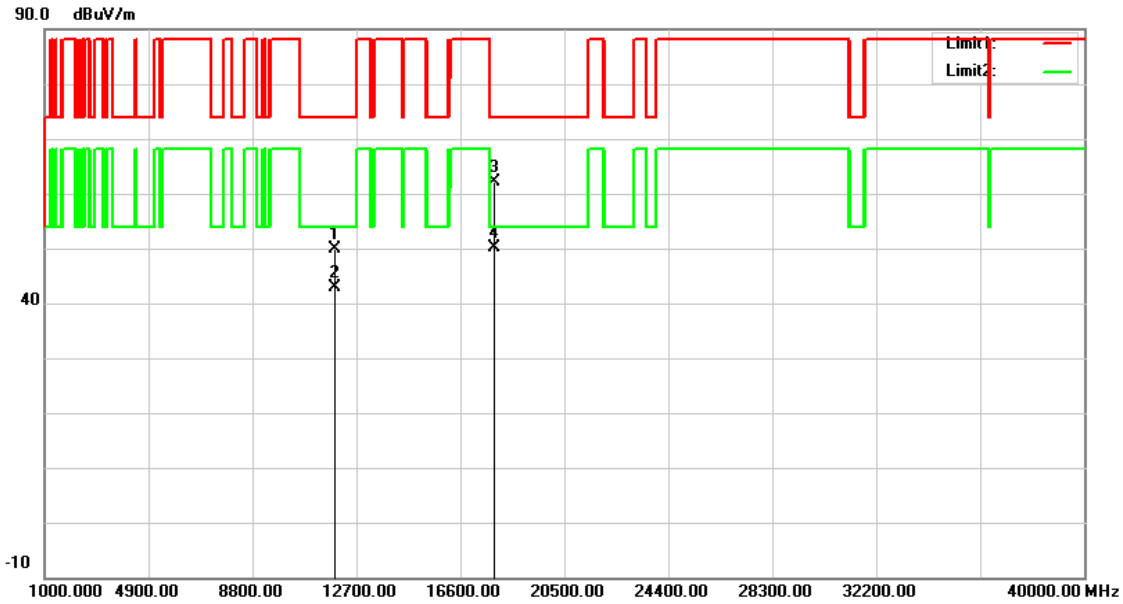
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11910.000	32.66	18.30	50.96	74.00	-23.04	peak
2	11910.000	30.83	18.30	49.13	54.00	-4.87	AVG
3	17865.000	32.71	30.46	63.17	74.00	-10.83	peak
4	17865.000	20.71	30.46	51.17	54.00	-2.83	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



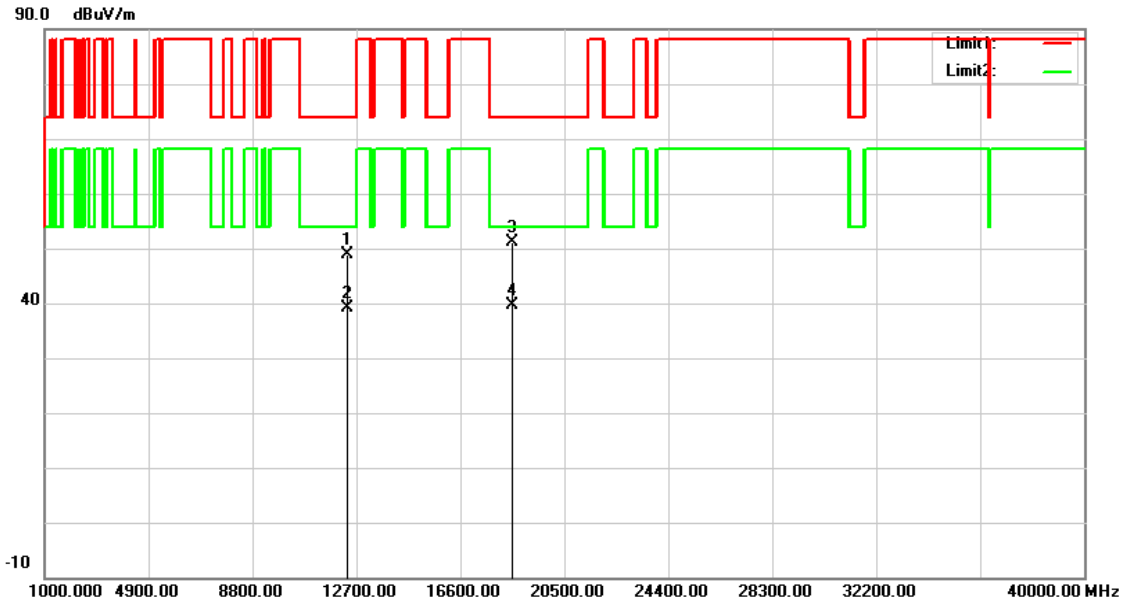
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11910.000	31.59	18.30	49.89	74.00	-24.11	peak
2	11910.000	24.56	18.30	42.86	54.00	-11.14	AVG
3	17865.000	31.74	30.46	62.20	74.00	-11.80	peak
4	17865.000	19.65	30.46	50.11	54.00	-3.89	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6175 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



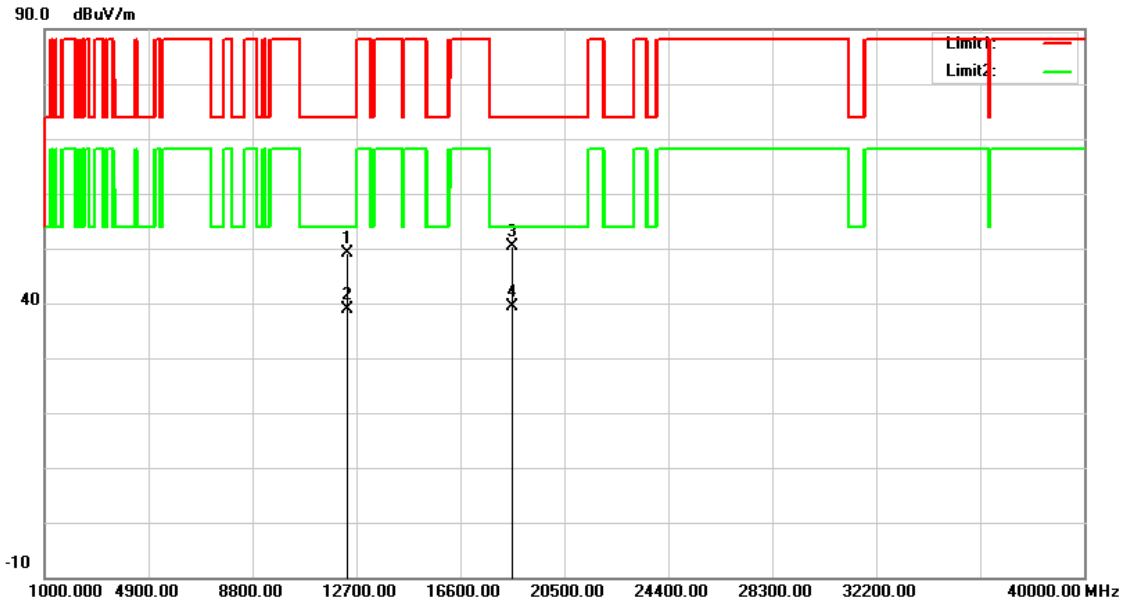
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12350.000	30.08	18.69	48.77	74.00	-25.23	peak
2	12350.000	20.42	18.69	39.11	54.00	-14.89	AVG
3	18525.000	30.72	20.40	51.12	74.00	-22.88	peak
4	18525.000	19.24	20.40	39.64	54.00	-14.36	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6175 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



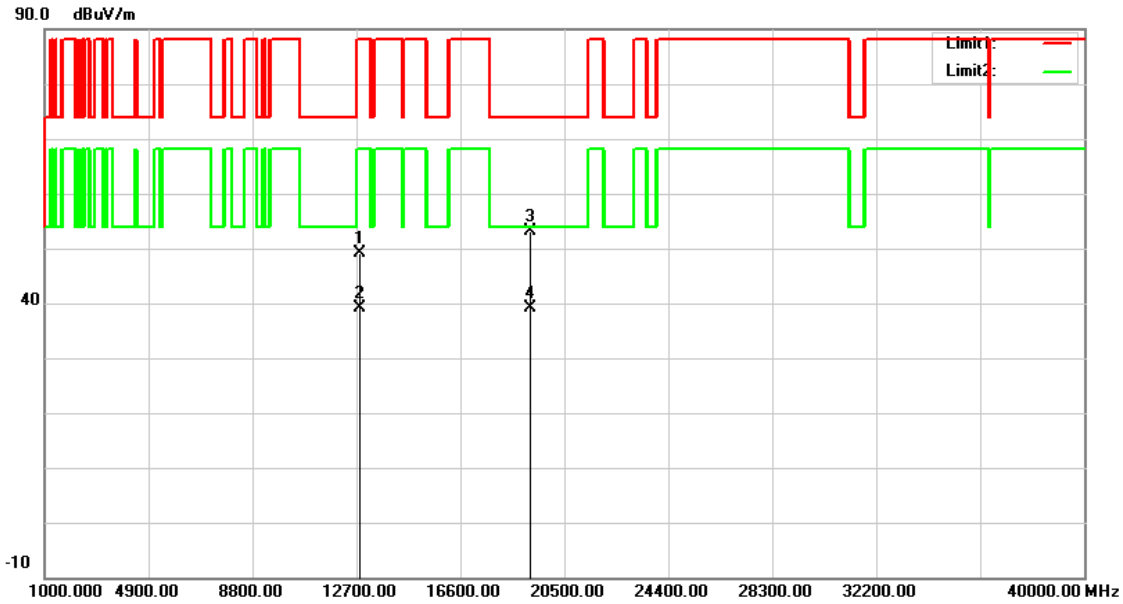
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12350.000	30.50	18.69	49.19	74.00	-24.81	peak
2	12350.000	20.28	18.69	38.97	54.00	-15.03	AVG
3	18525.000	29.90	20.40	50.30	74.00	-23.70	peak
4	18525.000	19.01	20.40	39.41	54.00	-14.59	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6415 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



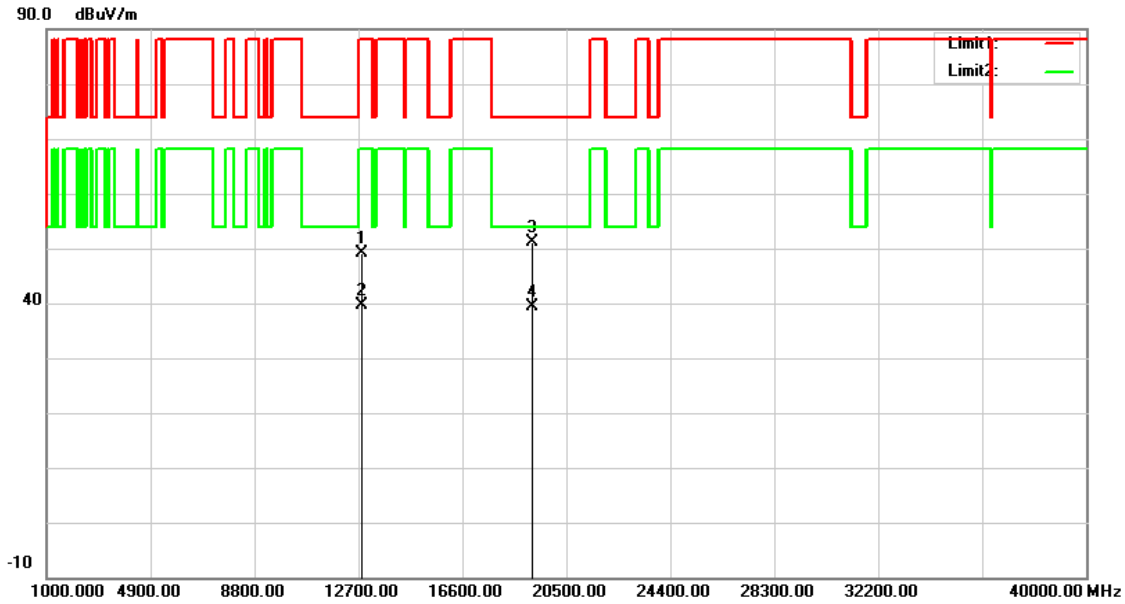
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12830.000	29.56	19.68	49.24	88.20	-38.96	peak
2	12830.000	19.45	19.68	39.13	68.20	-29.07	AVG
3	19245.000	32.84	20.26	53.10	74.00	-20.90	peak
4	19245.000	18.87	20.26	39.13	54.00	-14.87	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6415 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



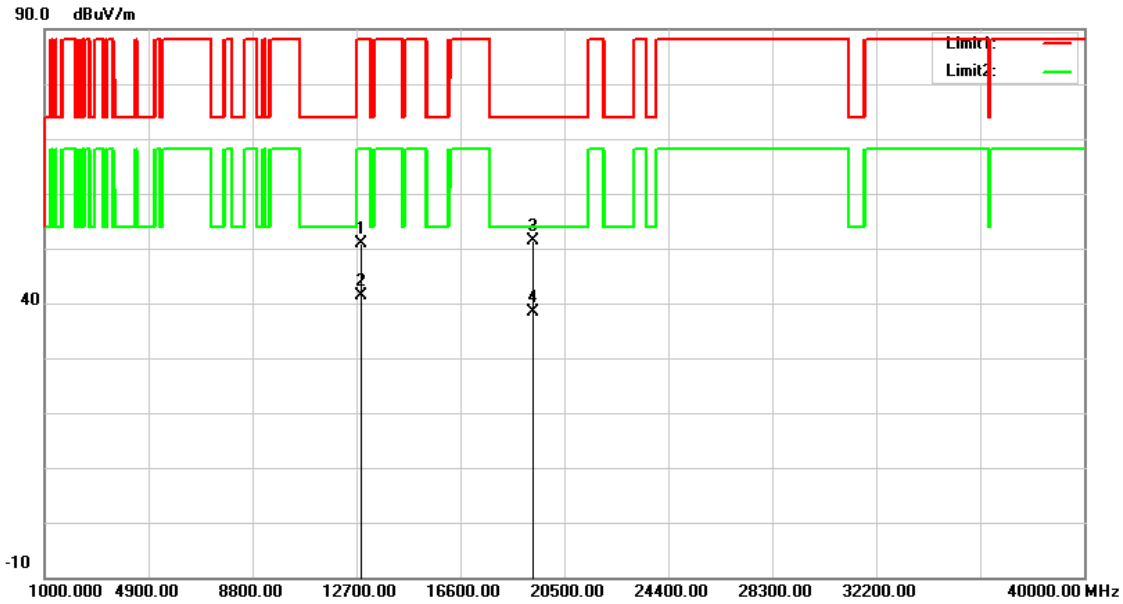
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12830.000	29.56	19.68	49.24	88.20	-38.96	peak
2	12830.000	19.87	19.68	39.55	68.20	-28.65	AVG
3	19245.000	30.92	20.26	51.18	74.00	-22.82	peak
4	19245.000	19.22	20.26	39.48	54.00	-14.52	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6435 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



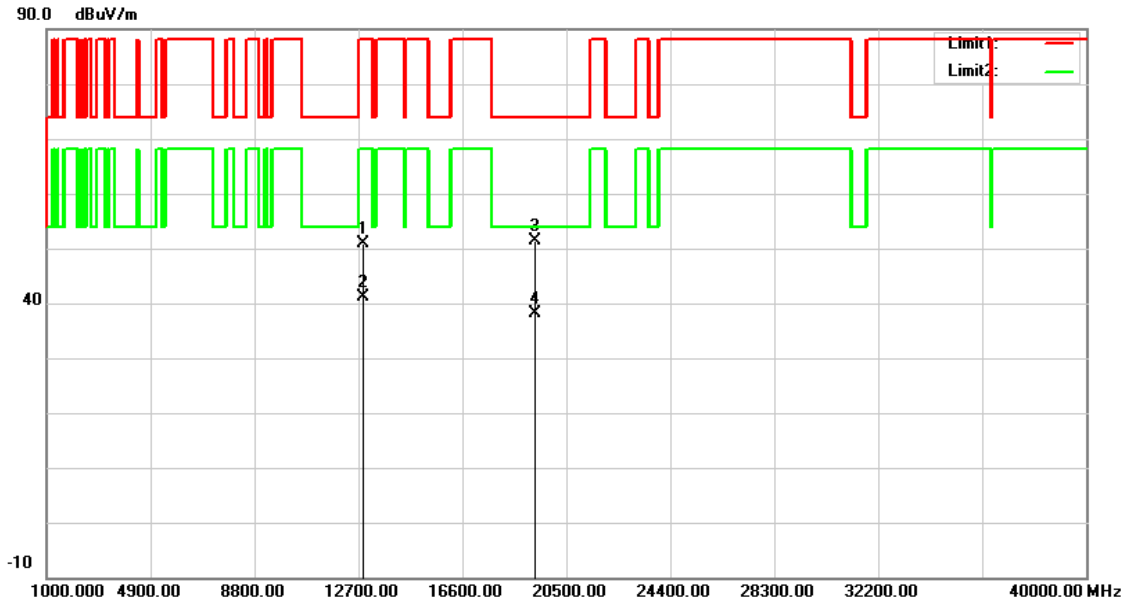
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12870.000	31.19	19.77	50.96	88.20	-37.24	peak
2	12870.000	21.66	19.77	41.43	68.20	-26.77	AVG
3	19305.000	31.20	20.18	51.38	74.00	-22.62	peak
4	19305.000	18.27	20.18	38.45	54.00	-15.55	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6435 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



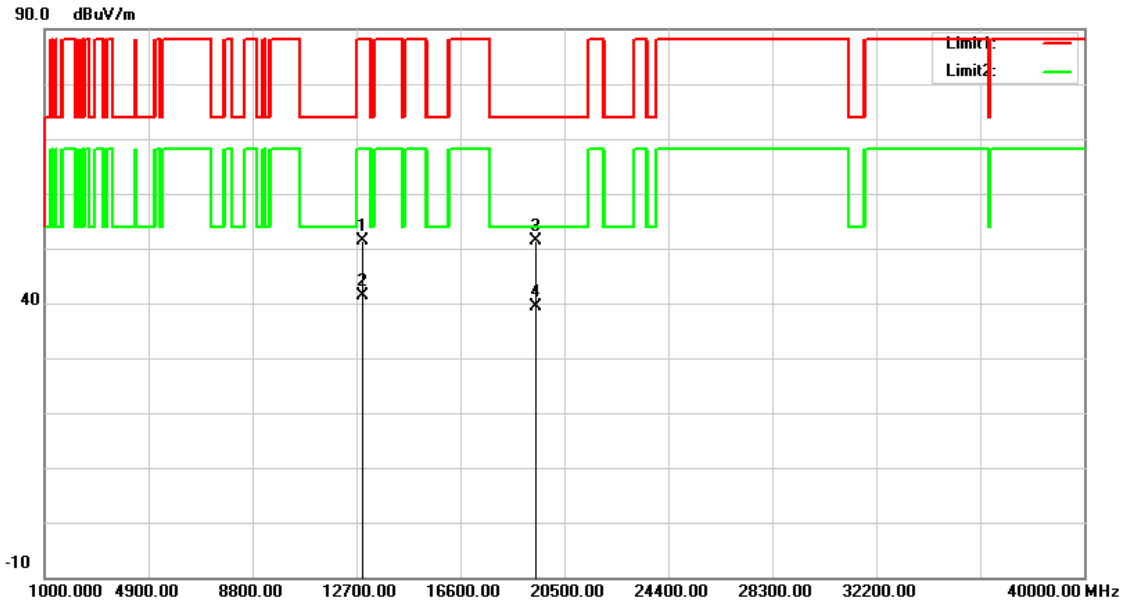
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12870.000	31.19	19.77	50.96	88.20	-37.24	peak
2	12870.000	21.26	19.77	41.03	68.20	-27.17	AVG
3	19305.000	31.18	20.18	51.36	74.00	-22.64	peak
4	19305.000	17.97	20.18	38.15	54.00	-15.85	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6475 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



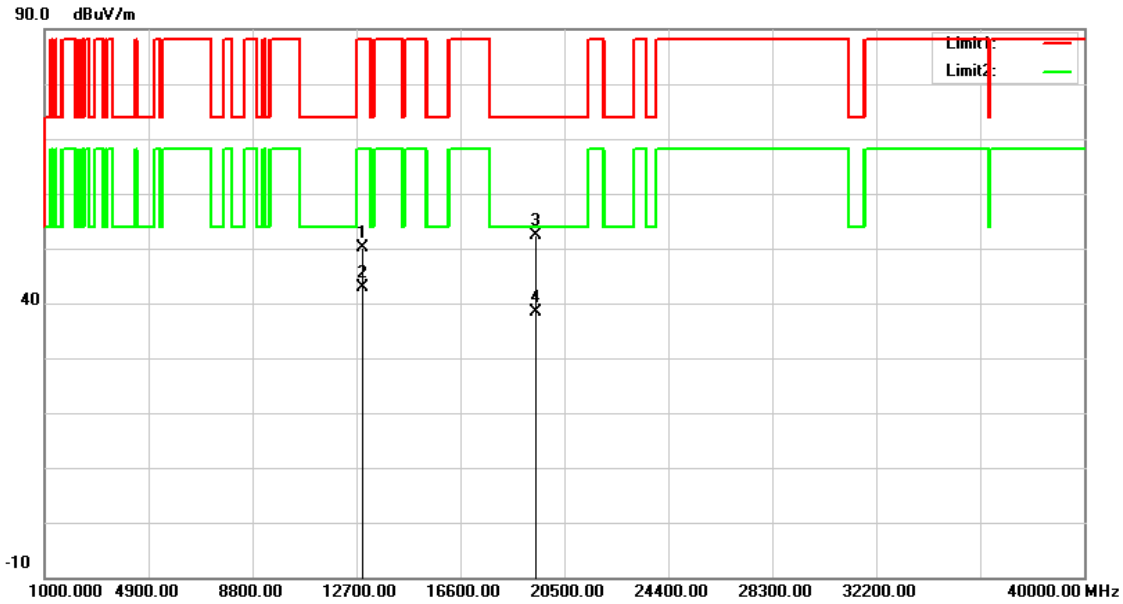
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12950.000	31.41	19.97	51.38	88.20	-36.82	peak
2	12950.000	21.53	19.97	41.50	68.20	-26.70	AVG
3	19425.000	31.41	20.04	51.45	74.00	-22.55	peak
4	19425.000	19.22	20.04	39.26	54.00	-14.74	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6475 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



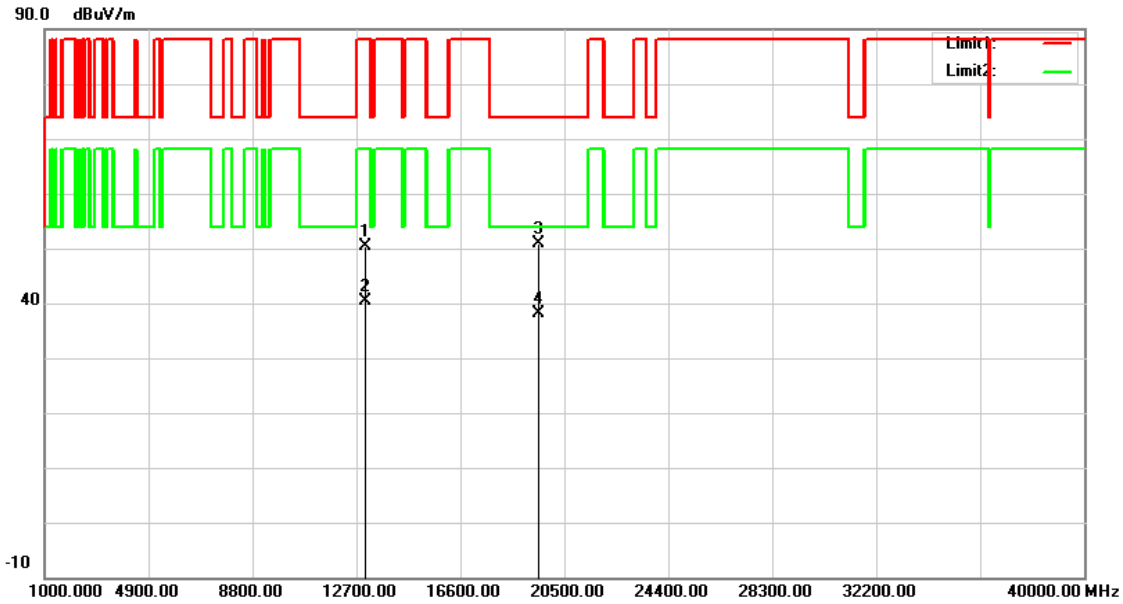
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12950.000	30.15	19.97	50.12	88.20	-38.08	peak
2	12950.000	22.80	19.97	42.77	68.20	-25.43	AVG
3	19425.000	32.34	20.04	52.38	74.00	-21.62	peak
4	19425.000	18.35	20.04	38.39	54.00	-15.61	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6515 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



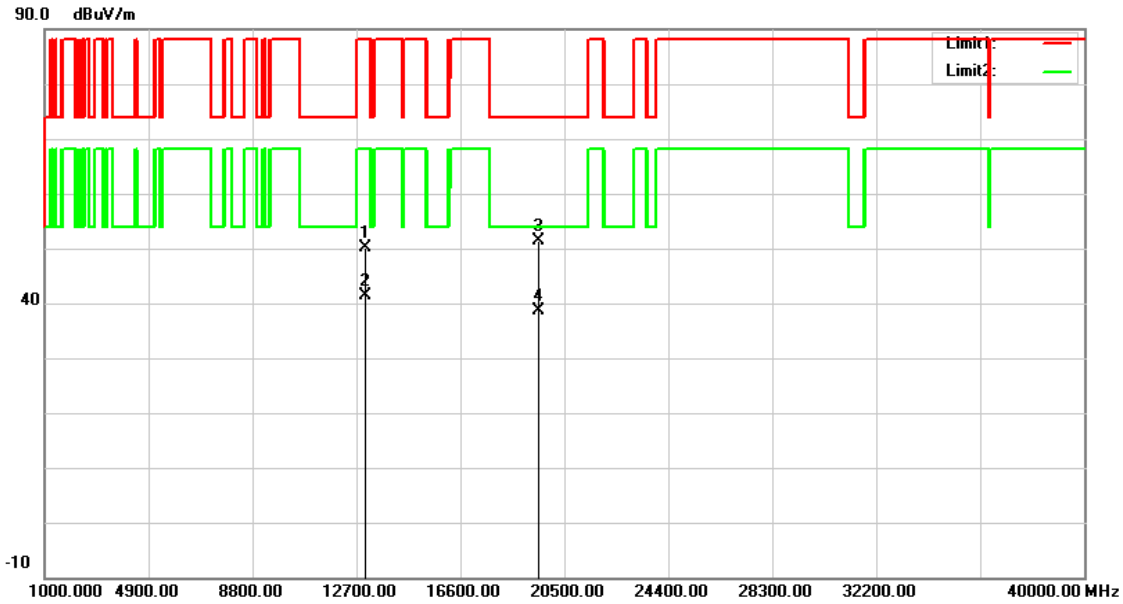
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13030.000	30.16	20.17	50.33	88.20	-37.87	peak
2	13030.000	20.14	20.17	40.31	68.20	-27.89	AVG
3	19545.000	30.98	19.91	50.89	74.00	-23.11	peak
4	19545.000	18.15	19.91	38.06	54.00	-15.94	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6515 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



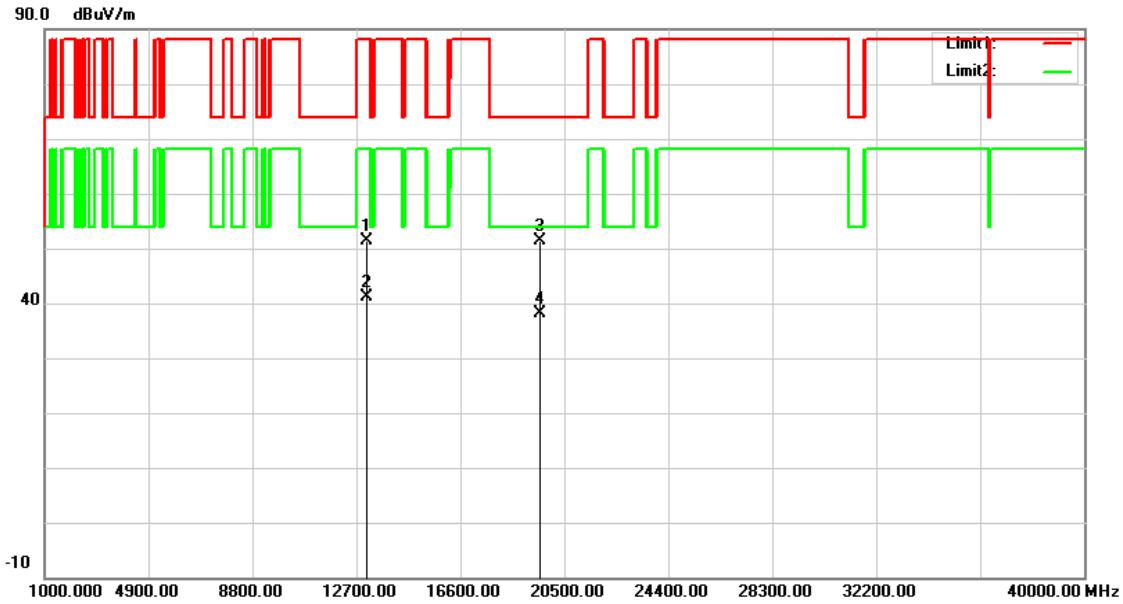
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13030.000	29.88	20.17	50.05	88.20	-38.15	peak
2	13030.000	21.14	20.17	41.31	68.20	-26.89	AVG
3	19545.000	31.37	19.91	51.28	74.00	-22.72	peak
4	19545.000	18.64	19.91	38.55	54.00	-15.45	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6535 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



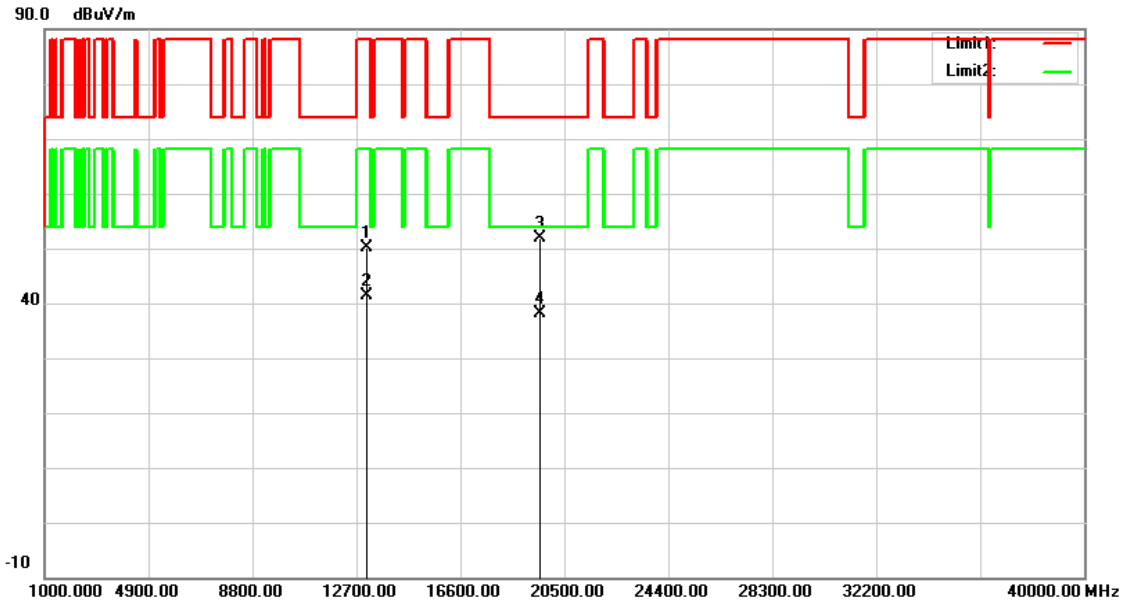
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13070.000	31.19	20.26	51.45	88.20	-36.75	peak
2	13070.000	20.96	20.26	41.22	68.20	-26.98	AVG
3	19605.000	31.50	19.83	51.33	74.00	-22.67	peak
4	19605.000	18.18	19.83	38.01	54.00	-15.99	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6535 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



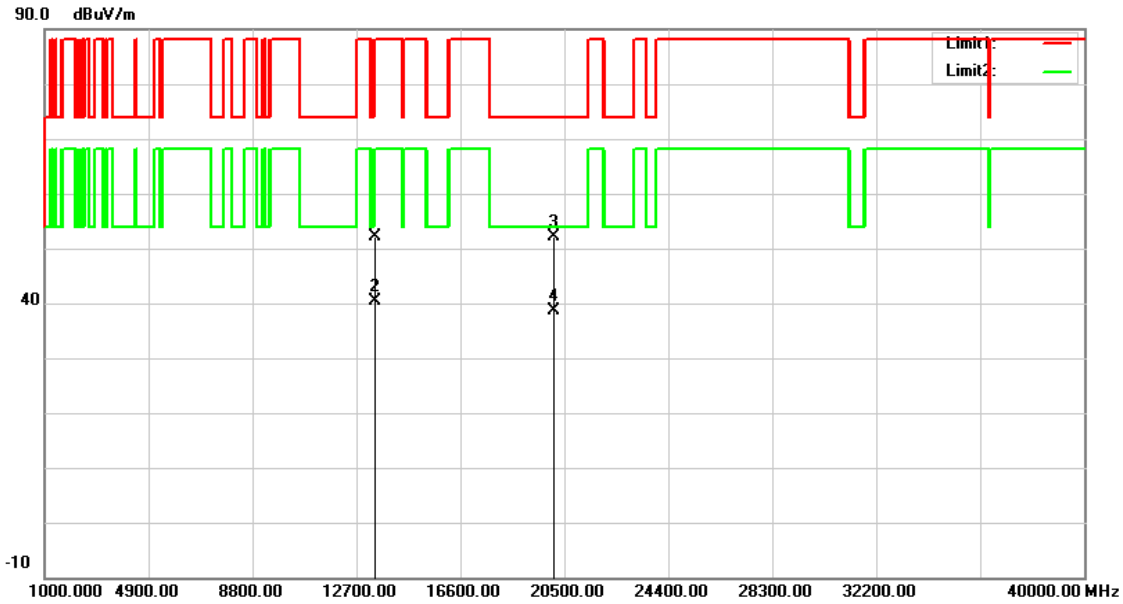
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13070.000	29.96	20.26	50.22	88.20	-37.98	peak
2	13070.000	21.08	20.26	41.34	68.20	-26.86	AVG
3	19605.000	31.93	19.83	51.76	74.00	-22.24	peak
4	19605.000	18.40	19.83	38.23	54.00	-15.77	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6695 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



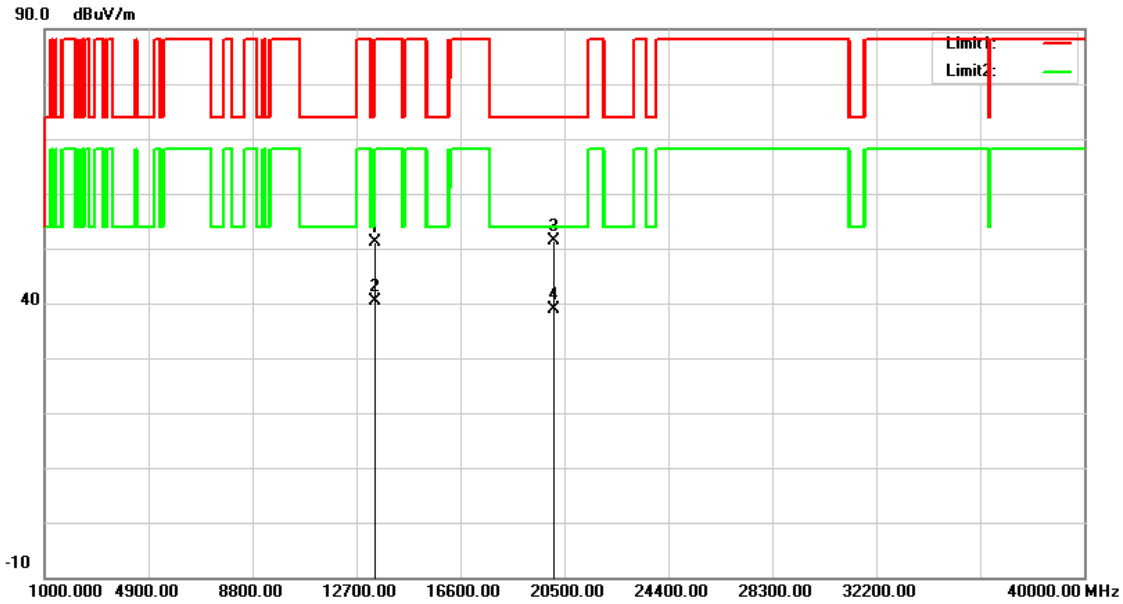
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13390.000	31.06	21.07	52.13	74.00	-21.87	peak
2	13390.000	19.41	21.07	40.48	54.00	-13.52	AVG
3	20085.000	32.62	19.42	52.04	74.00	-21.96	peak
4	20085.000	19.29	19.42	38.71	54.00	-15.29	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6695 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



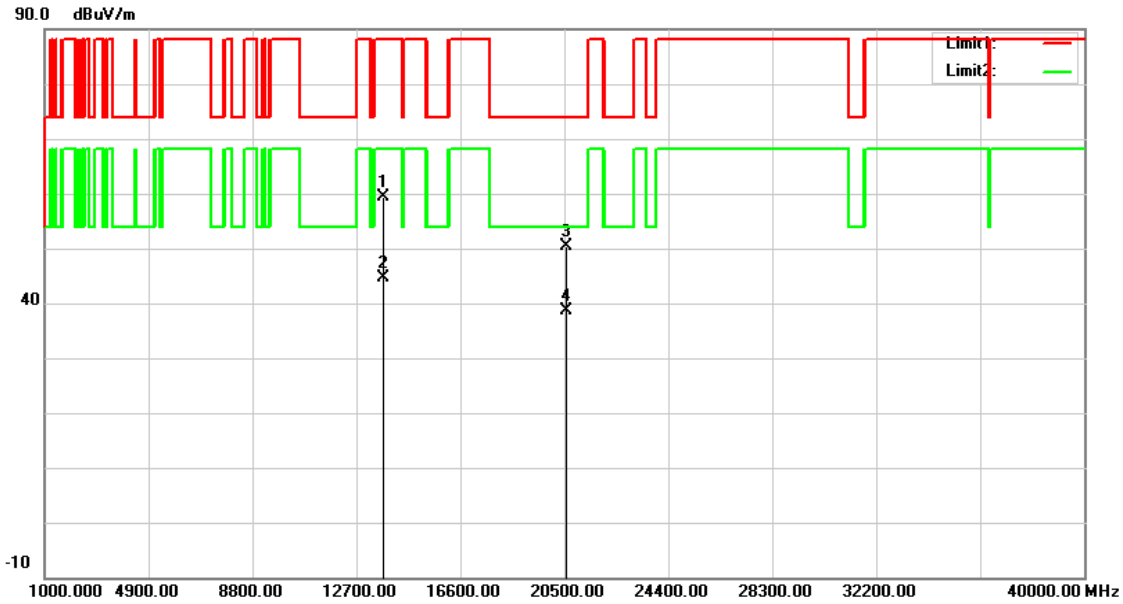
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13390.000	30.06	21.07	51.13	74.00	-22.87	peak
2	13390.000	19.24	21.07	40.31	54.00	-13.69	AVG
3	20085.000	31.93	19.42	51.35	74.00	-22.65	peak
4	20085.000	19.57	19.42	38.99	54.00	-15.01	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6855 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



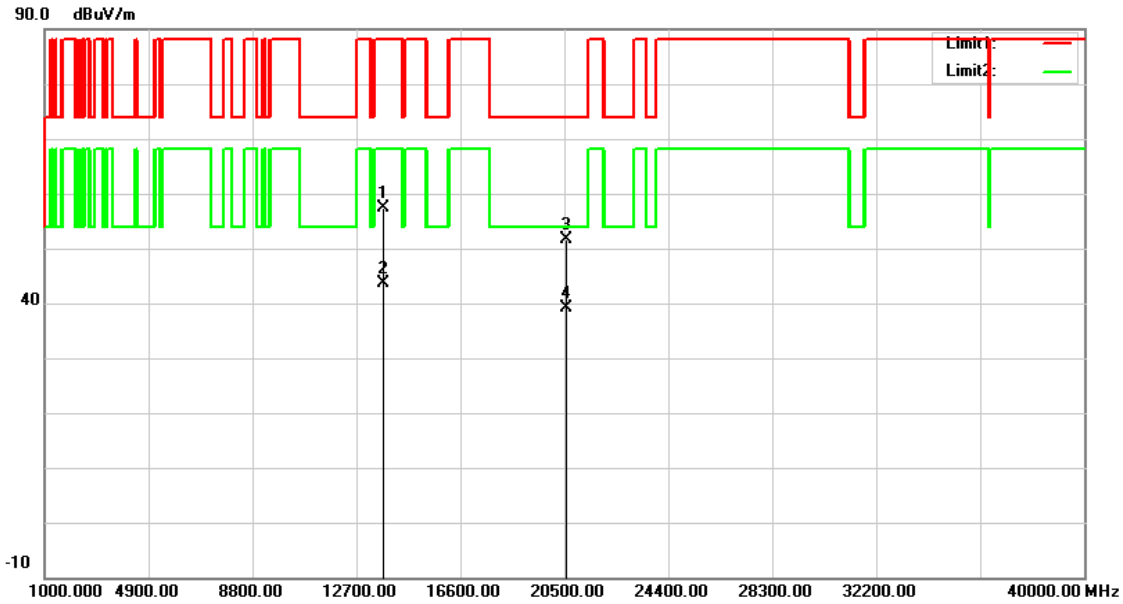
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13710.000	37.36	21.95	59.31	88.20	-28.89	peak
2	13710.000	22.63	21.95	44.58	68.20	-23.62	AVG
3	20565.000	30.75	19.69	50.44	74.00	-23.56	peak
4	20565.000	19.00	19.69	38.69	54.00	-15.31	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6855 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



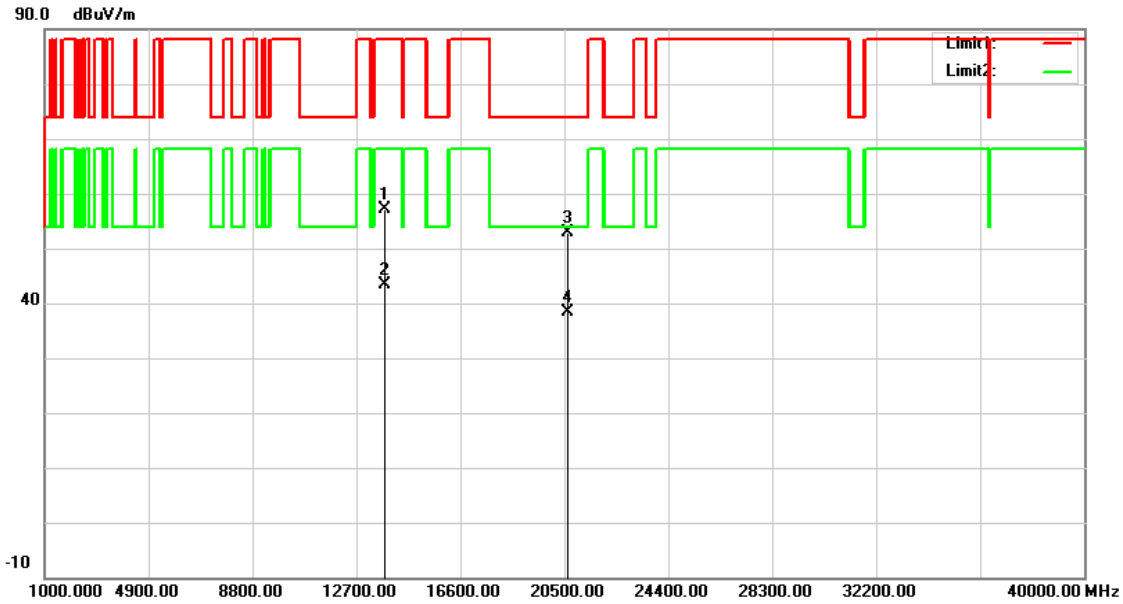
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13710.000	35.41	21.95	57.36	88.20	-30.84	peak
2	13710.000	21.60	21.95	43.55	68.20	-24.65	AVG
3	20565.000	31.87	19.69	51.56	74.00	-22.44	peak
4	20565.000	19.49	19.69	39.18	54.00	-14.82	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6875 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



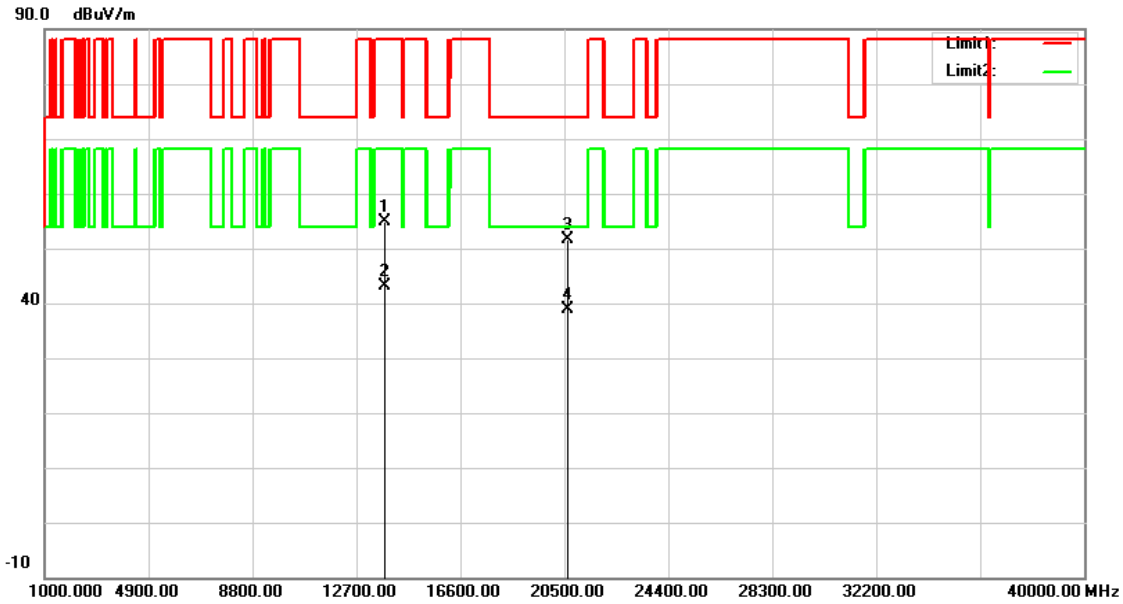
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13750.000	35.04	22.07	57.11	88.20	-31.09	peak
2	13750.000	21.32	22.07	43.39	68.20	-24.81	AVG
3	20625.000	32.92	19.84	52.76	74.00	-21.24	peak
4	20625.000	18.64	19.84	38.48	54.00	-15.52	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6875 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



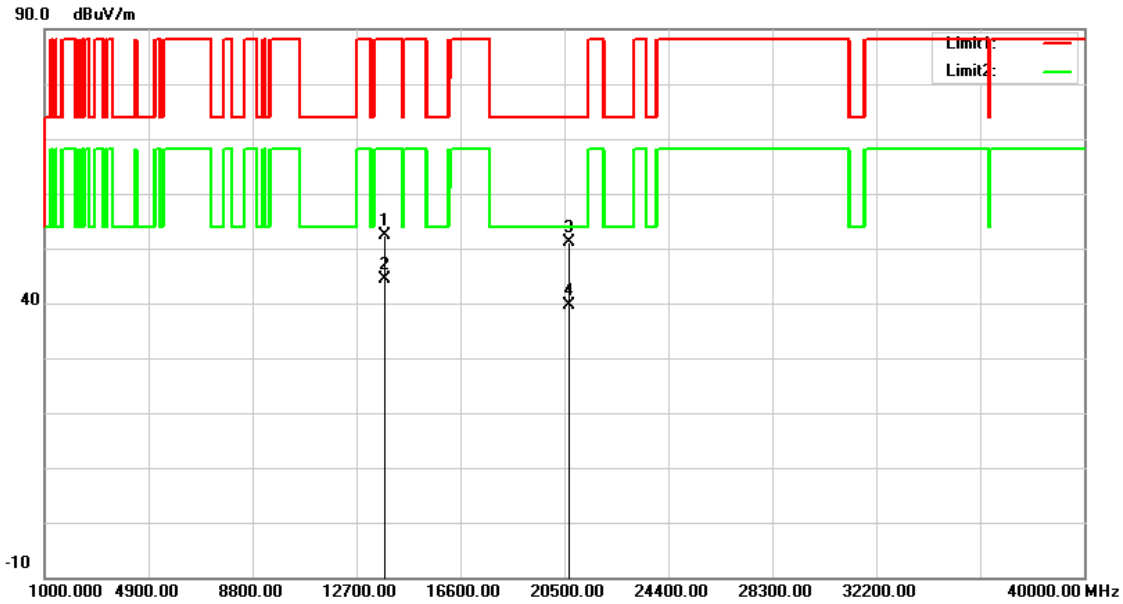
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13750.000	32.92	22.07	54.99	88.20	-33.21	peak
2	13750.000	20.95	22.07	43.02	68.20	-25.18	AVG
3	20625.000	31.67	19.84	51.51	74.00	-22.49	peak
4	20625.000	19.04	19.84	38.88	54.00	-15.12	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6895 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



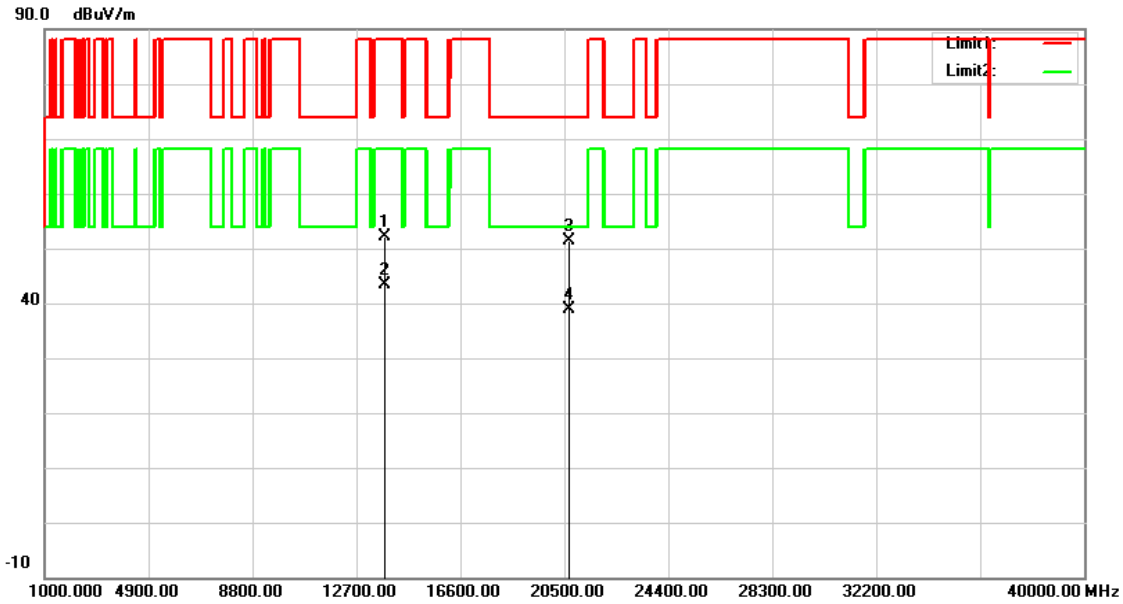
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13790.000	30.26	22.17	52.43	88.20	-35.77	peak
2	13790.000	22.16	22.17	44.33	68.20	-23.87	AVG
3	20685.000	31.10	19.99	51.09	74.00	-22.91	peak
4	20685.000	19.62	19.99	39.61	54.00	-14.39	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6895 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



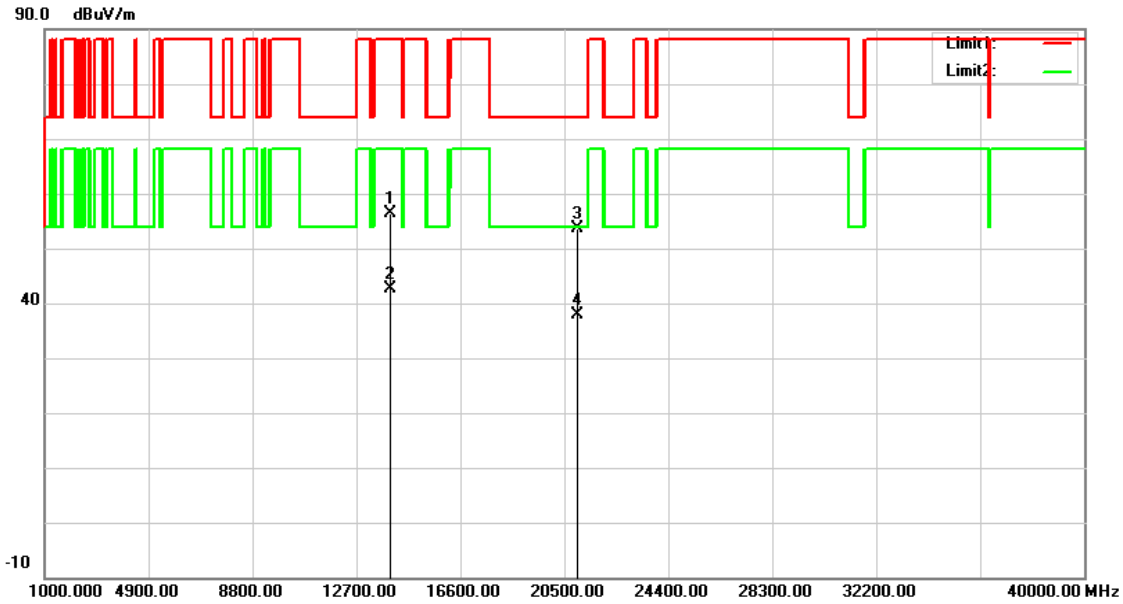
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13790.000	29.94	22.17	52.11	88.20	-36.09	peak
2	13790.000	21.33	22.17	43.50	68.20	-24.70	AVG
3	20685.000	31.49	19.99	51.48	74.00	-22.52	peak
4	20685.000	18.90	19.99	38.89	54.00	-15.11	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6995 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



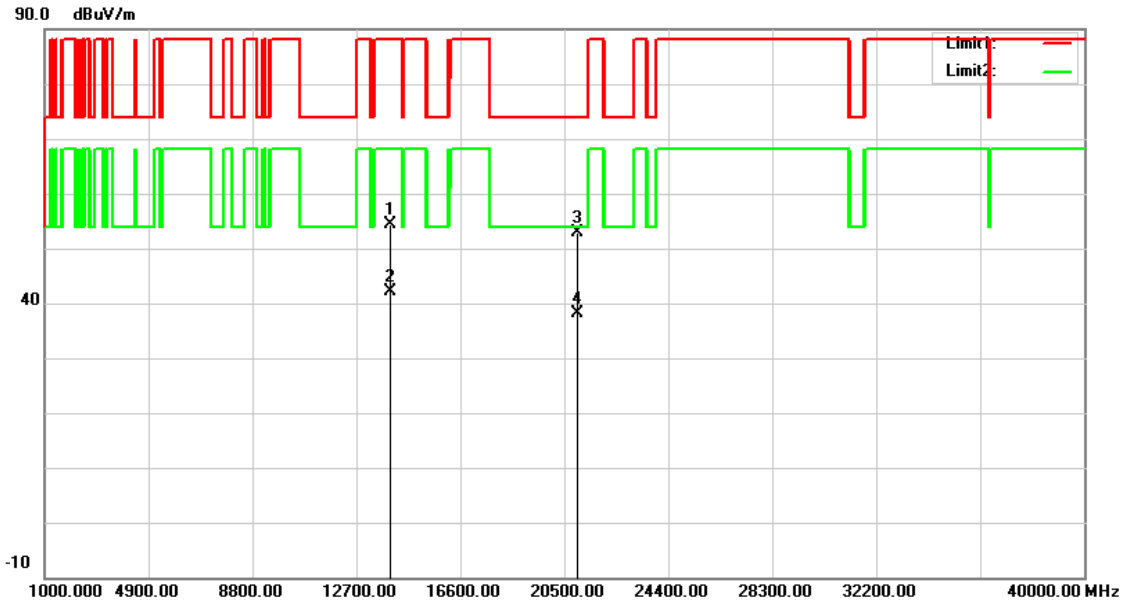
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13990.000	33.53	22.75	56.28	88.20	-31.92	peak
2	13990.000	19.86	22.75	42.61	68.20	-25.59	AVG
3	20985.000	32.91	20.77	53.68	74.00	-20.32	peak
4	20985.000	17.05	20.77	37.82	54.00	-16.18	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6995 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



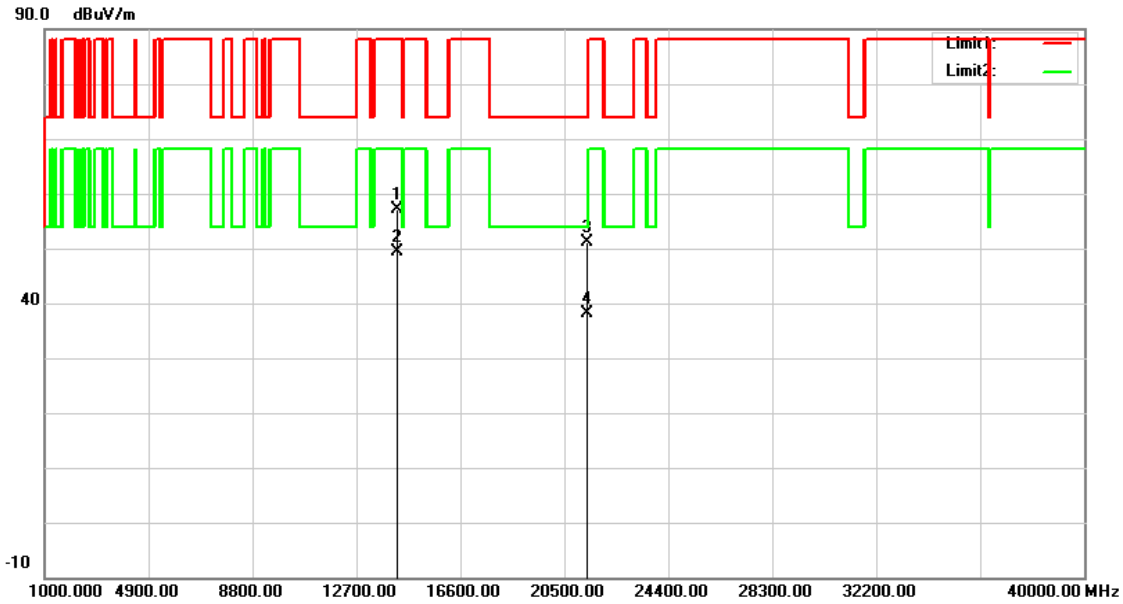
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13990.000	31.53	22.75	54.28	88.20	-33.92	peak
2	13990.000	19.35	22.75	42.10	68.20	-26.10	AVG
3	20985.000	32.17	20.77	52.94	74.00	-21.06	peak
4	20985.000	17.24	20.77	38.01	54.00	-15.99	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



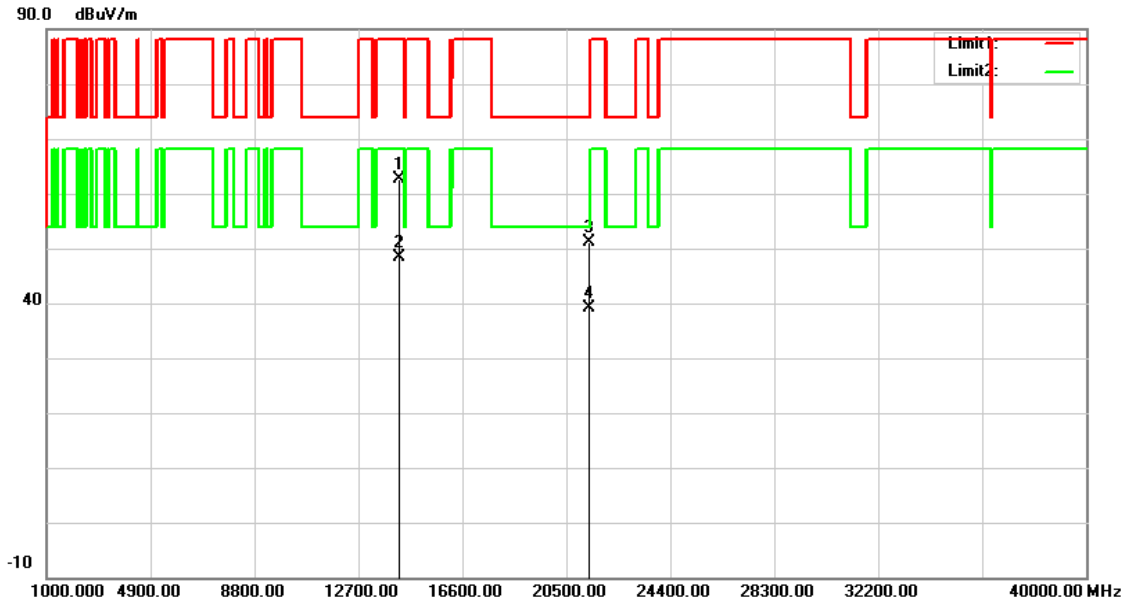
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14230.000	33.96	23.05	57.01	88.20	-31.19	peak
2	14230.000	26.36	23.05	49.41	68.20	-18.79	AVG
3	21345.000	30.28	20.74	51.02	74.00	-22.98	peak
4	21345.000	17.49	20.74	38.23	54.00	-15.77	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



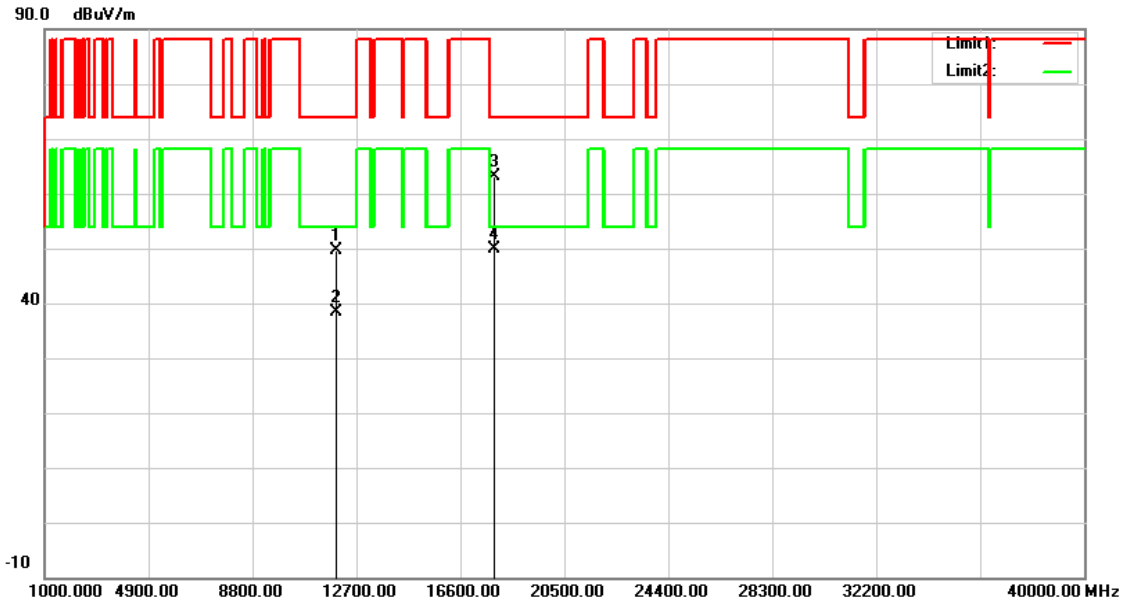
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14230.000	39.68	23.05	62.73	88.20	-25.47	peak
2	14230.000	25.40	23.05	48.45	68.20	-19.75	AVG
3	21345.000	30.29	20.74	51.03	74.00	-22.97	peak
4	21345.000	18.34	20.74	39.08	54.00	-14.92	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



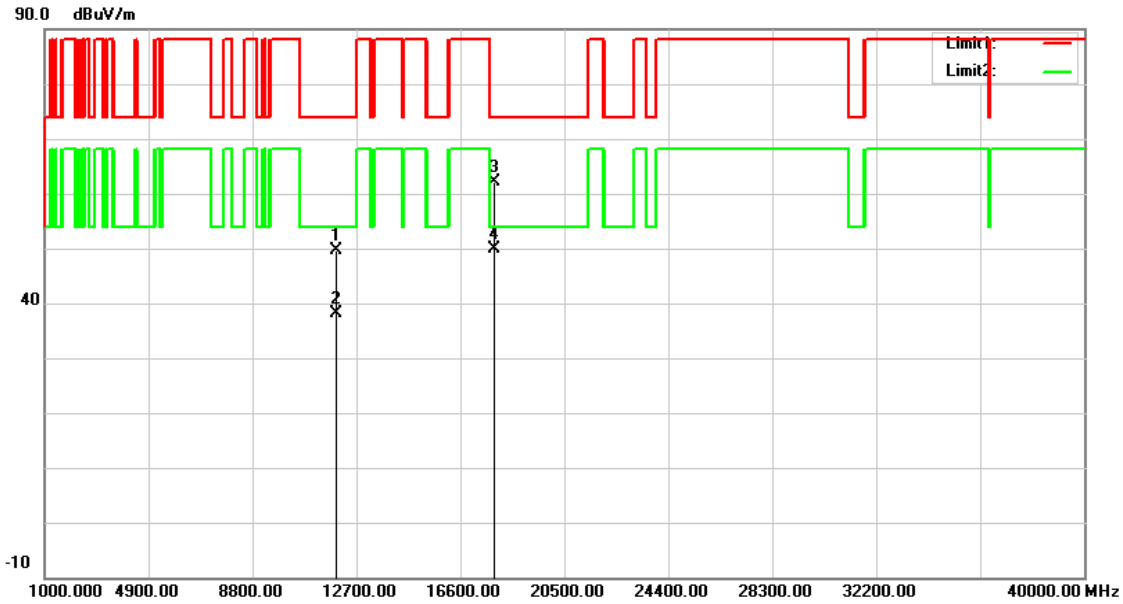
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11930.000	31.42	18.29	49.71	74.00	-24.29	peak
2	11930.000	19.98	18.29	38.27	54.00	-15.73	AVG
3	17895.000	32.33	30.85	63.18	74.00	-10.82	peak
4	17895.000	19.12	30.85	49.97	54.00	-4.03	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



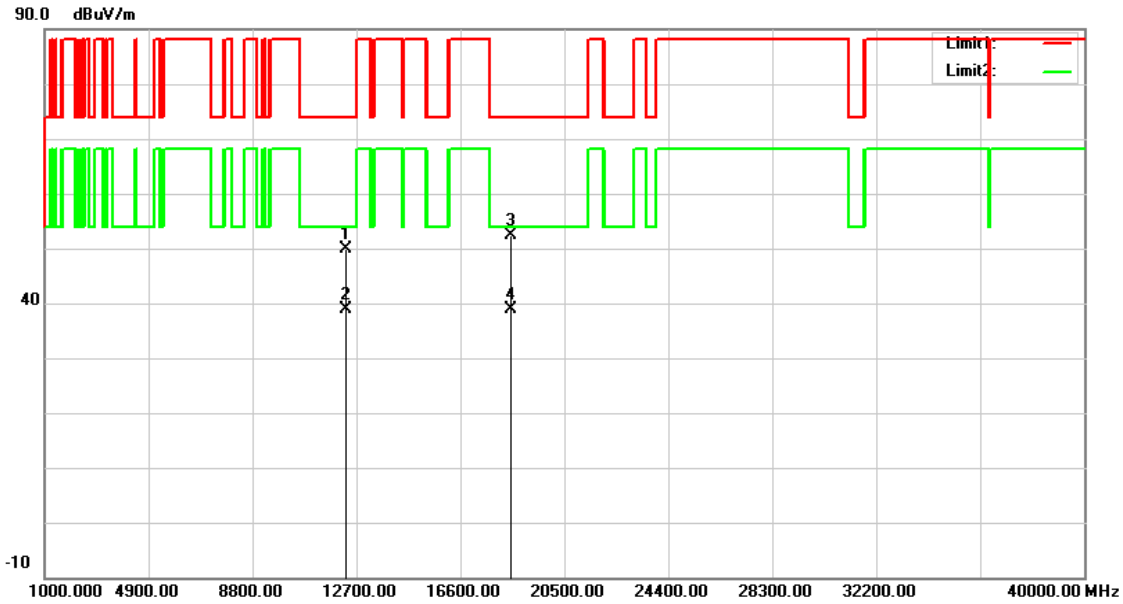
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11930.000	31.44	18.29	49.73	74.00	-24.27	peak
2	11930.000	19.75	18.29	38.04	54.00	-15.96	AVG
3	17895.000	31.36	30.85	62.21	74.00	-11.79	peak
4	17895.000	19.04	30.85	49.89	54.00	-4.11	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6165 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



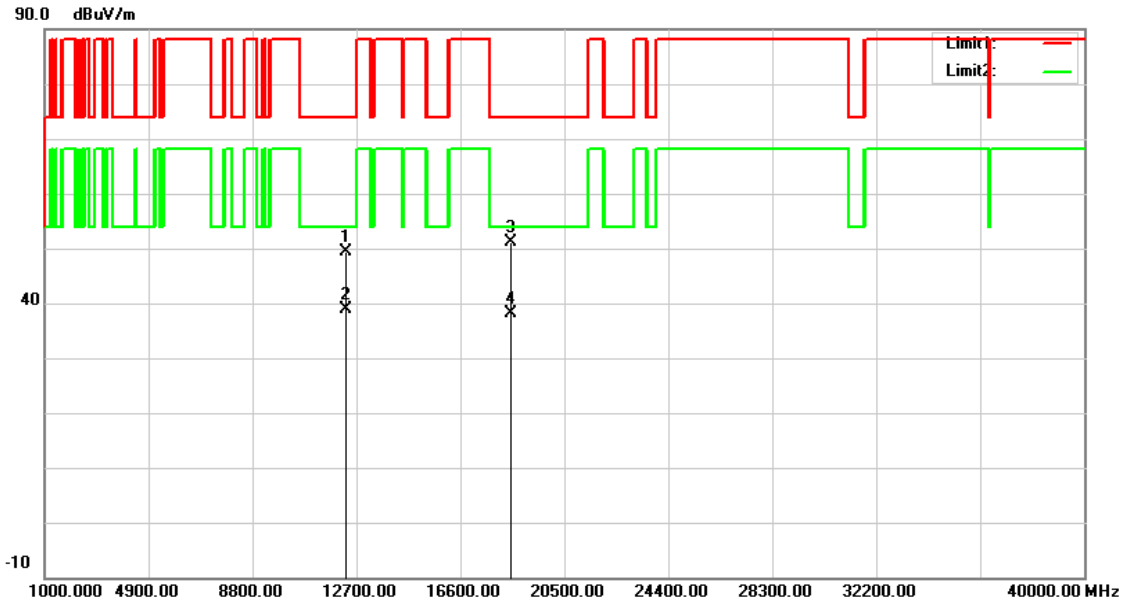
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12330.000	31.21	18.66	49.87	74.00	-24.13	peak
2	12330.000	20.30	18.66	38.96	54.00	-15.04	AVG
3	18495.000	32.03	20.40	52.43	74.00	-21.57	peak
4	18495.000	18.59	20.40	38.99	54.00	-15.01	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6165 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



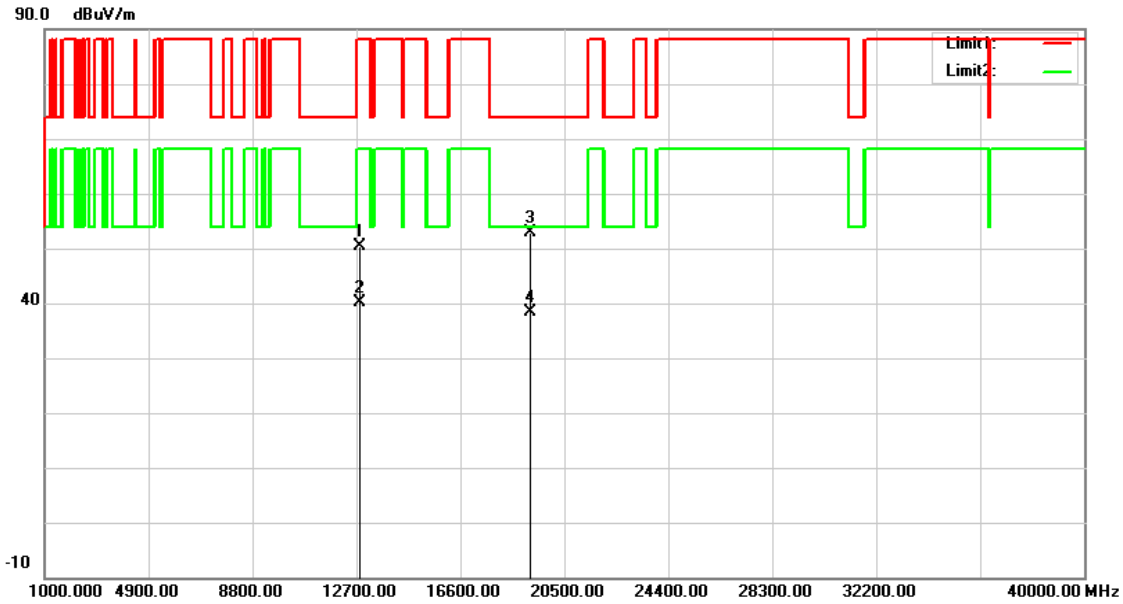
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12330.000	30.67	18.66	49.33	74.00	-24.67	peak
2	12330.000	20.30	18.66	38.96	54.00	-15.04	AVG
3	18495.000	30.79	20.40	51.19	74.00	-22.81	peak
4	18495.000	17.82	20.40	38.22	54.00	-15.78	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6405 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



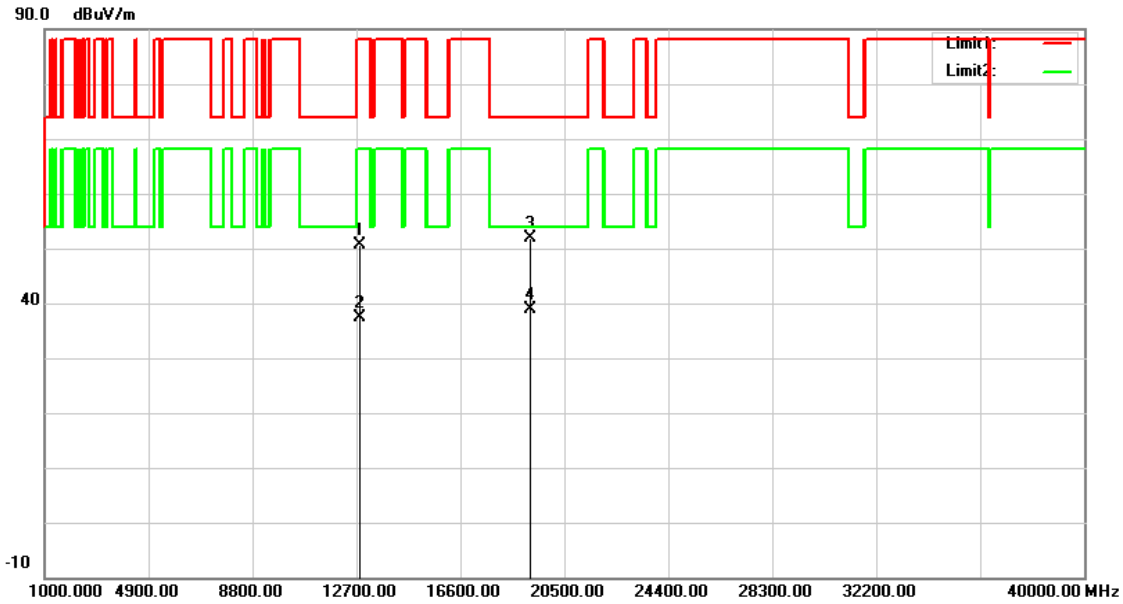
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12810.000	30.83	19.63	50.46	88.20	-37.74	peak
2	12810.000	20.50	19.63	40.13	68.20	-28.07	AVG
3	19215.000	32.46	20.30	52.76	74.00	-21.24	peak
4	19215.000	18.14	20.30	38.44	54.00	-15.56	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6405 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



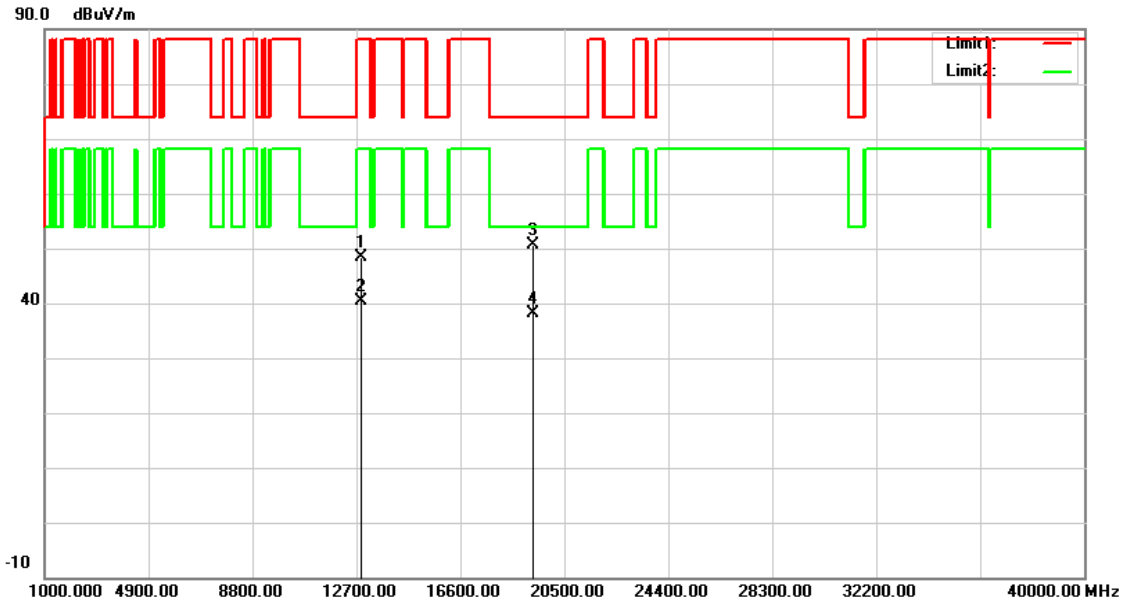
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12810.000	31.05	19.63	50.68	88.20	-37.52	peak
2	12810.000	17.86	19.63	37.49	68.20	-30.71	AVG
3	19215.000	31.58	20.30	51.88	74.00	-22.12	peak
4	19215.000	18.64	20.30	38.94	54.00	-15.06	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6445 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



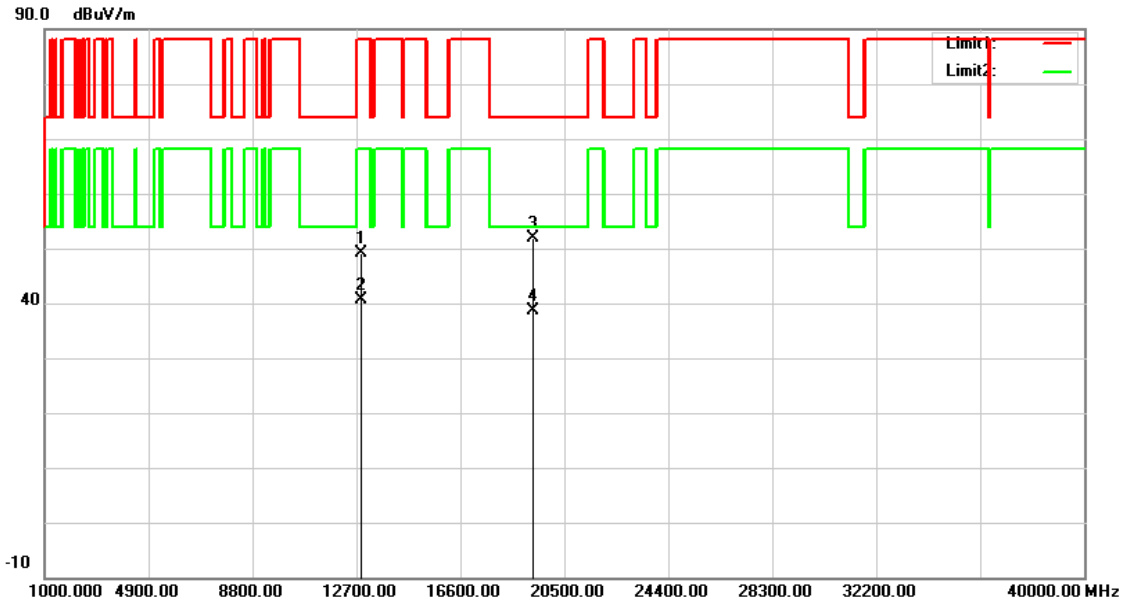
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12890.000	28.61	19.83	48.44	88.20	-39.76	peak
2	12890.000	20.53	19.83	40.36	68.20	-27.84	AVG
3	19335.000	30.51	20.15	50.66	74.00	-23.34	peak
4	19335.000	17.88	20.15	38.03	54.00	-15.97	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6445 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



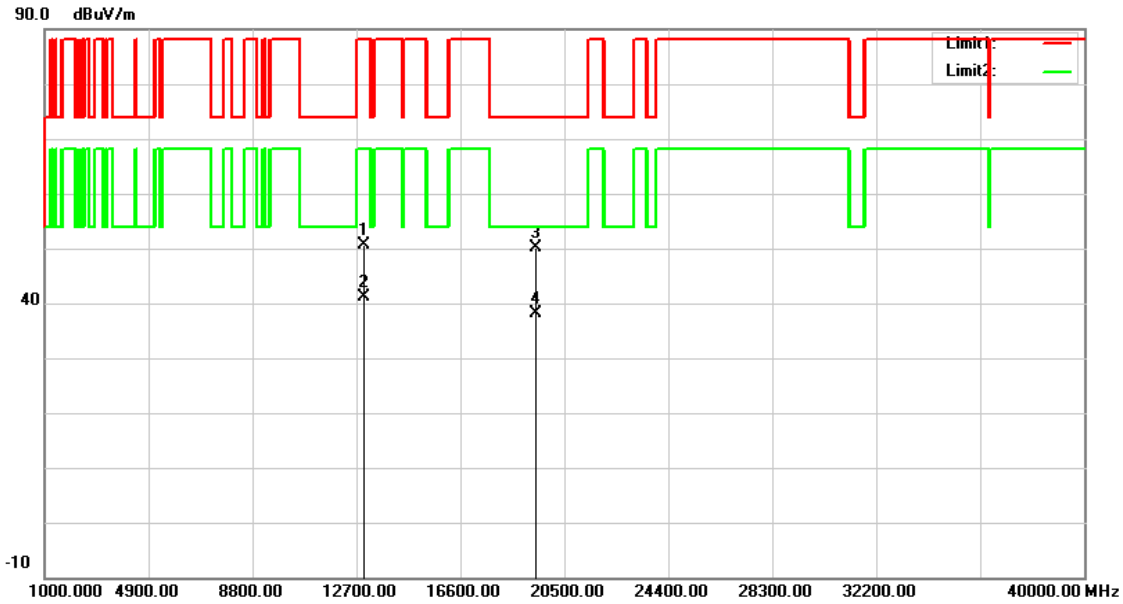
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12890.000	29.20	19.83	49.03	88.20	-39.17	peak
2	12890.000	20.73	19.83	40.56	68.20	-27.64	AVG
3	19335.000	31.61	20.15	51.76	74.00	-22.24	peak
4	19335.000	18.43	20.15	38.58	54.00	-15.42	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6485 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



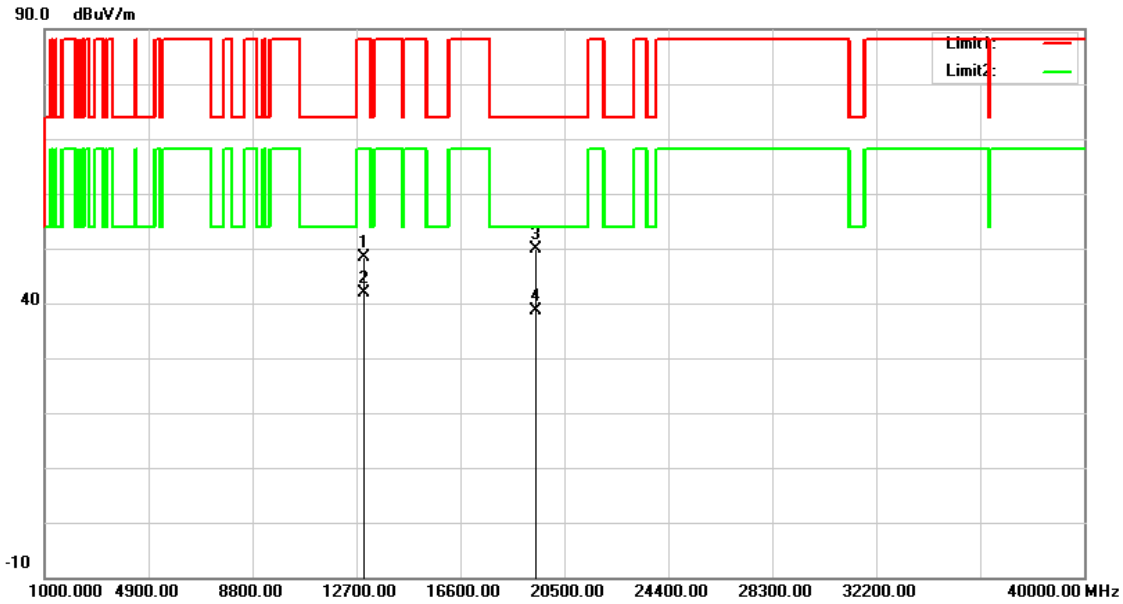
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12970.000	30.65	20.02	50.67	88.20	-37.53	peak
2	12970.000	21.09	20.02	41.11	68.20	-27.09	AVG
3	19455.000	30.02	20.01	50.03	74.00	-23.97	peak
4	19455.000	18.17	20.01	38.18	54.00	-15.82	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6485 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



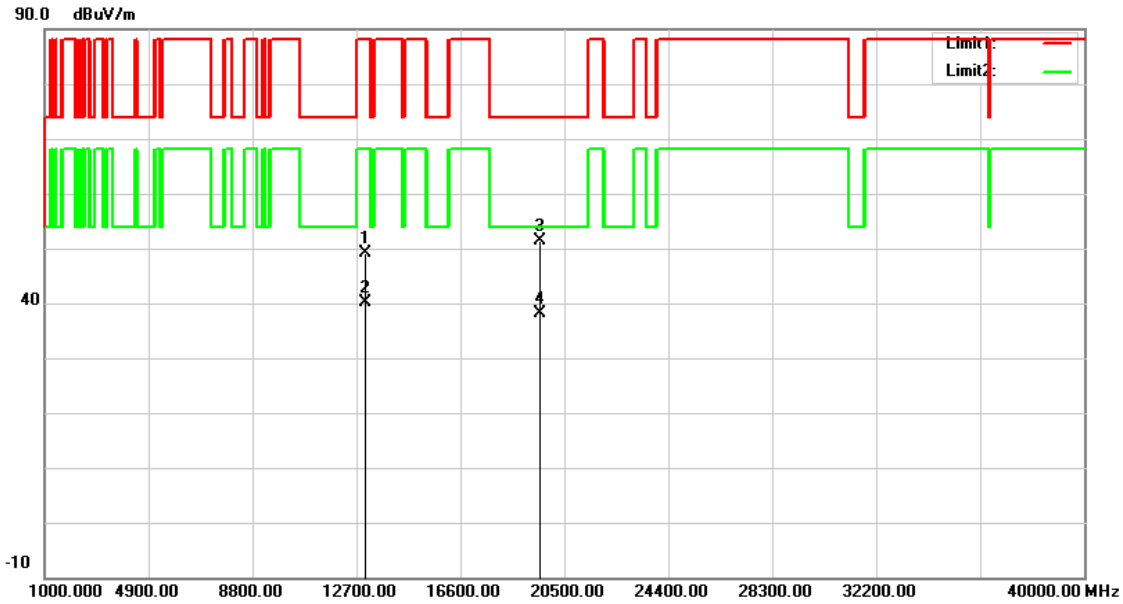
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12970.000	28.27	20.02	48.29	88.20	-39.91	peak
2	12970.000	21.91	20.02	41.93	68.20	-26.27	AVG
3	19455.000	29.93	20.01	49.94	74.00	-24.06	peak
4	19455.000	18.65	20.01	38.66	54.00	-15.34	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6525 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



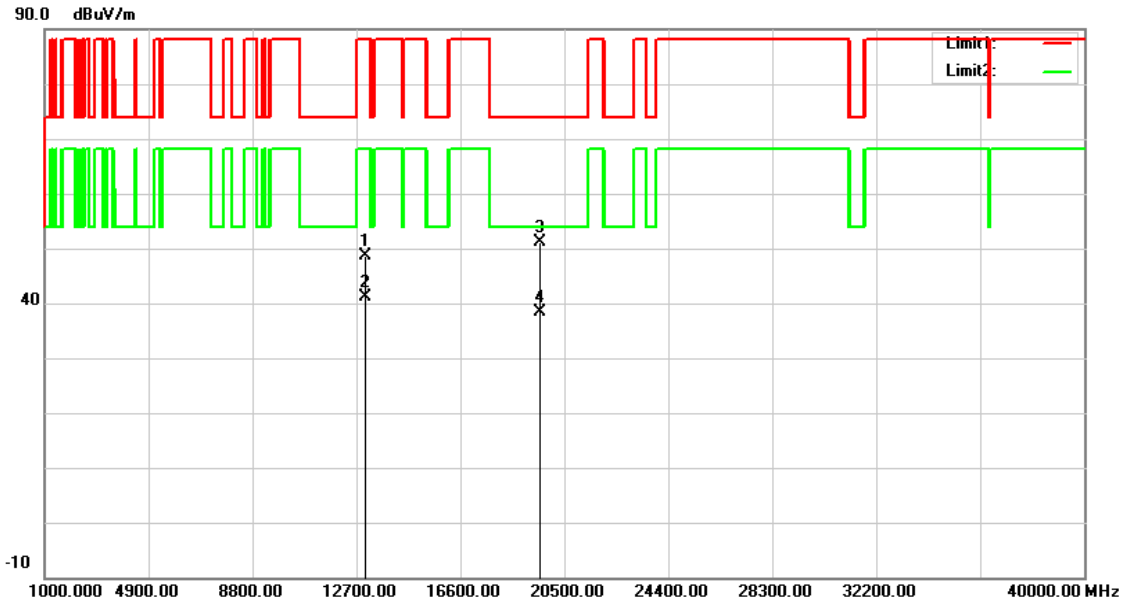
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13050.000	28.97	20.22	49.19	88.20	-39.01	peak
2	13050.000	20.00	20.22	40.22	68.20	-27.98	AVG
3	19575.000	31.45	19.87	51.32	74.00	-22.68	peak
4	19575.000	18.14	19.87	38.01	54.00	-15.99	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6525 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



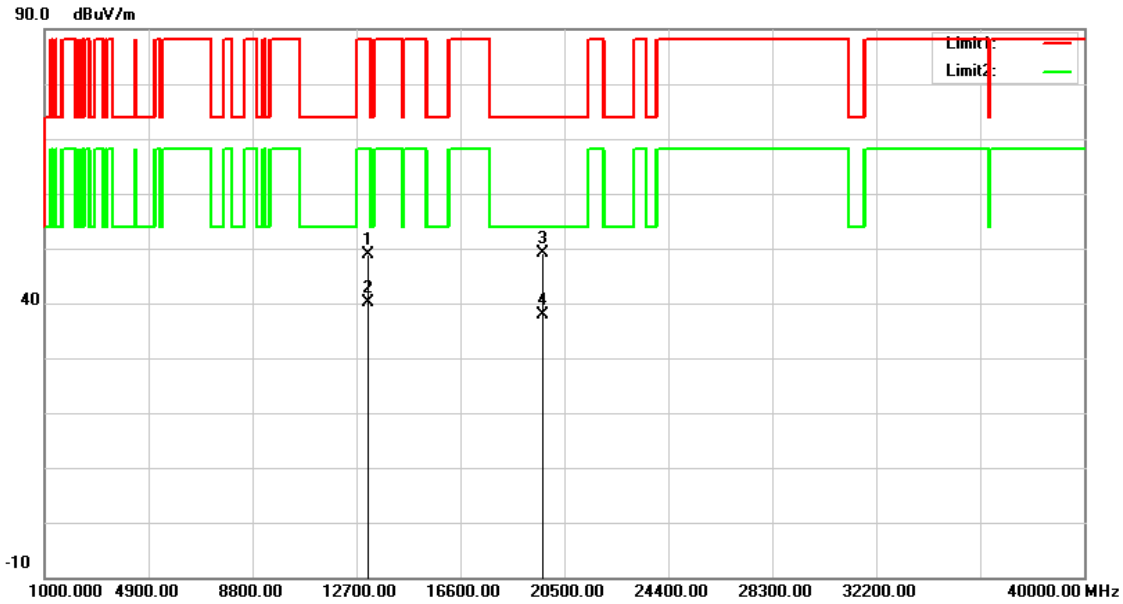
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13050.000	28.51	20.22	48.73	88.20	-39.47	peak
2	13050.000	21.00	20.22	41.22	68.20	-26.98	AVG
3	19575.000	31.16	19.87	51.03	74.00	-22.97	peak
4	19575.000	18.63	19.87	38.50	54.00	-15.50	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6565 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



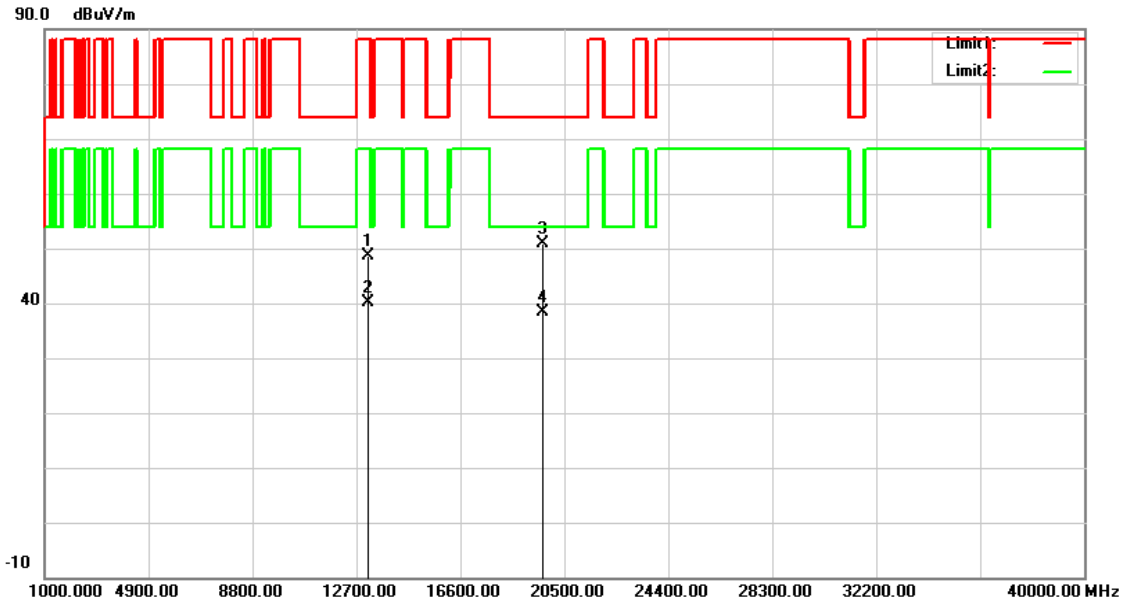
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13130.000	28.36	20.42	48.78	88.20	-39.42	peak
2	13130.000	19.64	20.42	40.06	68.20	-28.14	AVG
3	19695.000	29.34	19.74	49.08	74.00	-24.92	peak
4	19695.000	18.05	19.74	37.79	54.00	-16.21	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6565 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



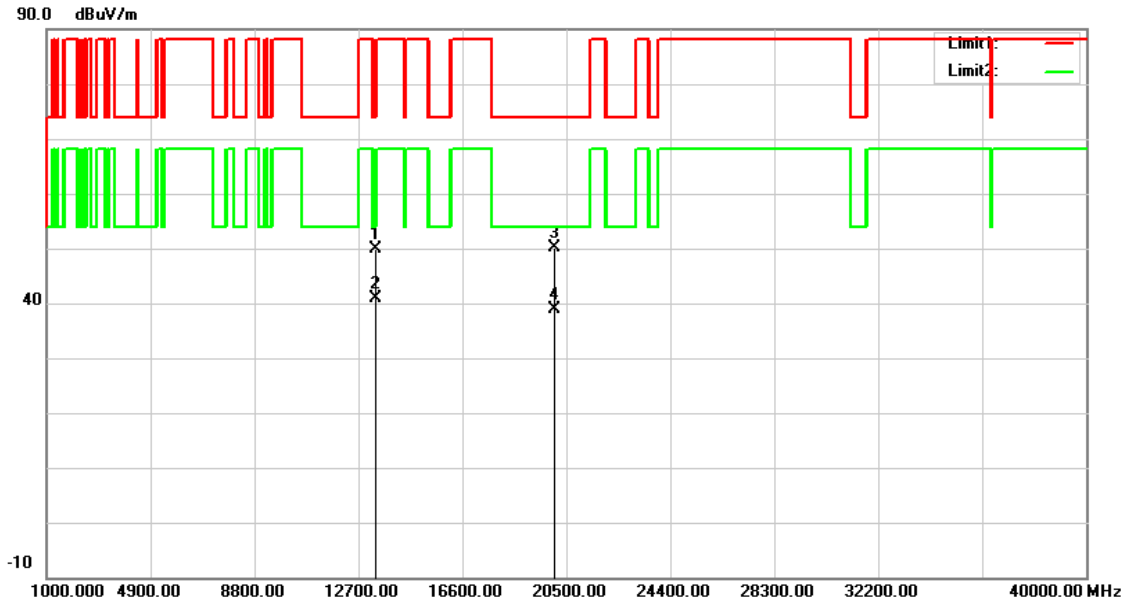
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13130.000	28.29	20.42	48.71	88.20	-39.49	peak
2	13130.000	19.81	20.42	40.23	68.20	-27.97	AVG
3	19695.000	31.14	19.74	50.88	74.00	-23.12	peak
4	19695.000	18.72	19.74	38.46	54.00	-15.54	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6685 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



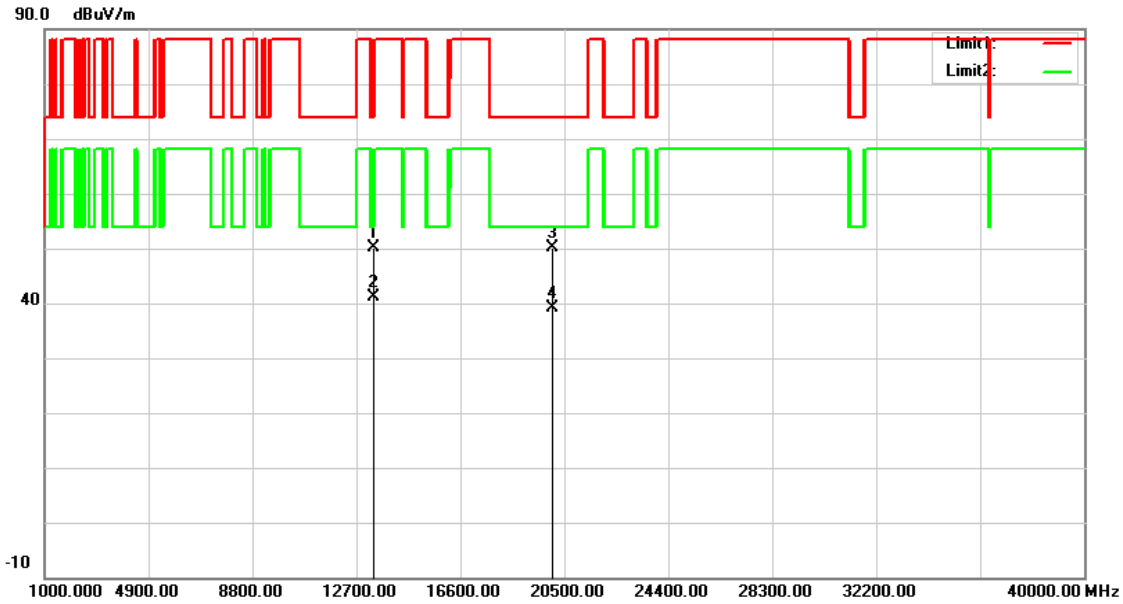
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13370.000	28.80	21.02	49.82	74.00	-24.18	peak
2	13370.000	19.97	21.02	40.99	54.00	-13.01	AVG
3	20055.000	30.84	19.40	50.24	74.00	-23.76	peak
4	20055.000	19.37	19.40	38.77	54.00	-15.23	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6685 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



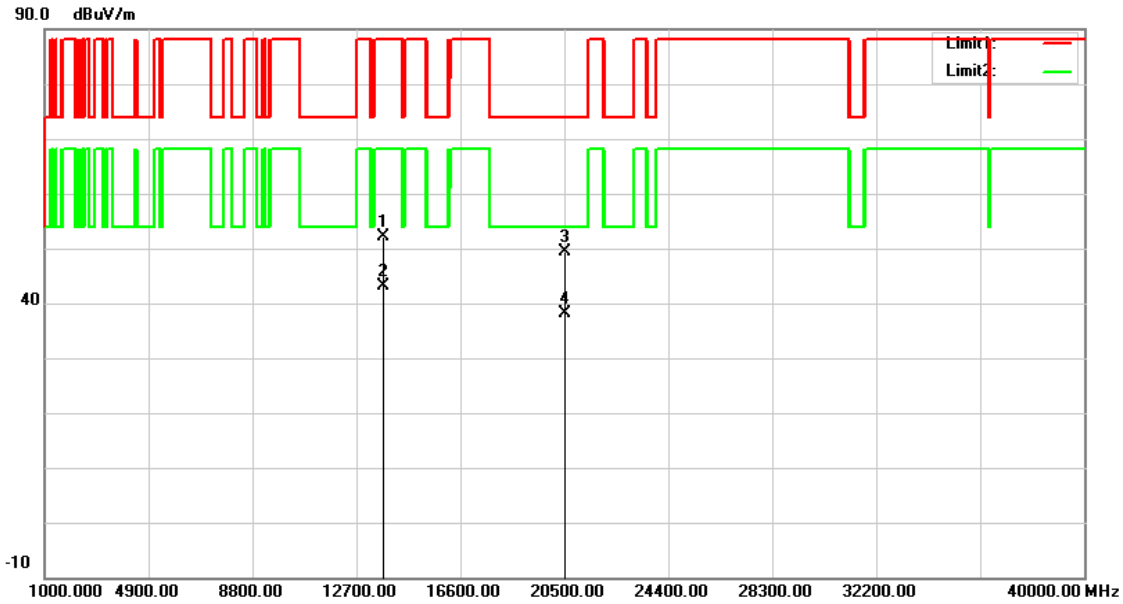
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13370.000	29.00	21.02	50.02	74.00	-23.98	peak
2	13370.000	20.20	21.02	41.22	54.00	-12.78	AVG
3	20055.000	30.82	19.40	50.22	74.00	-23.78	peak
4	20055.000	19.68	19.40	39.08	54.00	-14.92	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6845 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



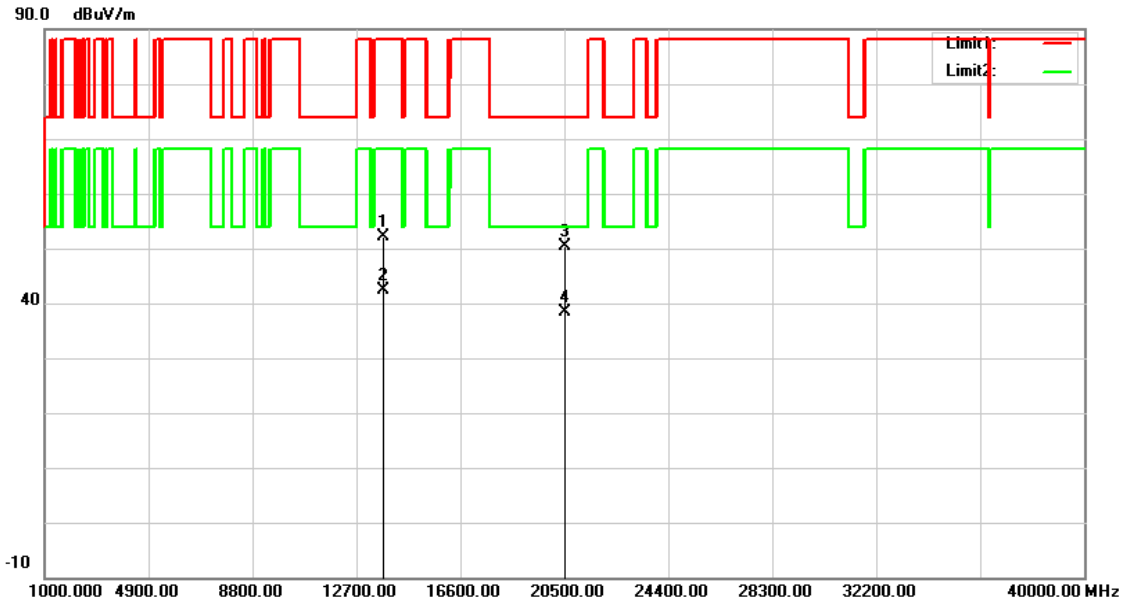
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13690.000	30.22	21.89	52.11	88.20	-36.09	peak
2	13690.000	21.35	21.89	43.24	68.20	-24.96	AVG
3	20535.000	29.70	19.60	49.30	74.00	-24.70	peak
4	20535.000	18.62	19.60	38.22	54.00	-15.78	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6845 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



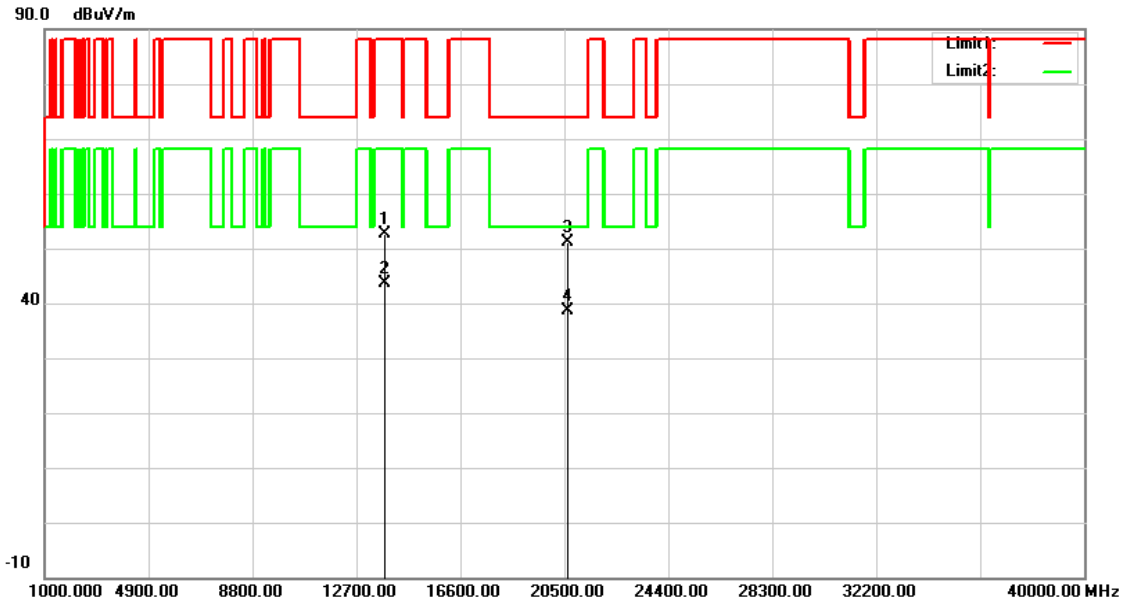
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13690.000	30.29	21.89	52.18	88.20	-36.02	peak
2	13690.000	20.49	21.89	42.38	68.20	-25.82	AVG
3	20535.000	30.73	19.60	50.33	74.00	-23.67	peak
4	20535.000	18.76	19.60	38.36	54.00	-15.64	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6885 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



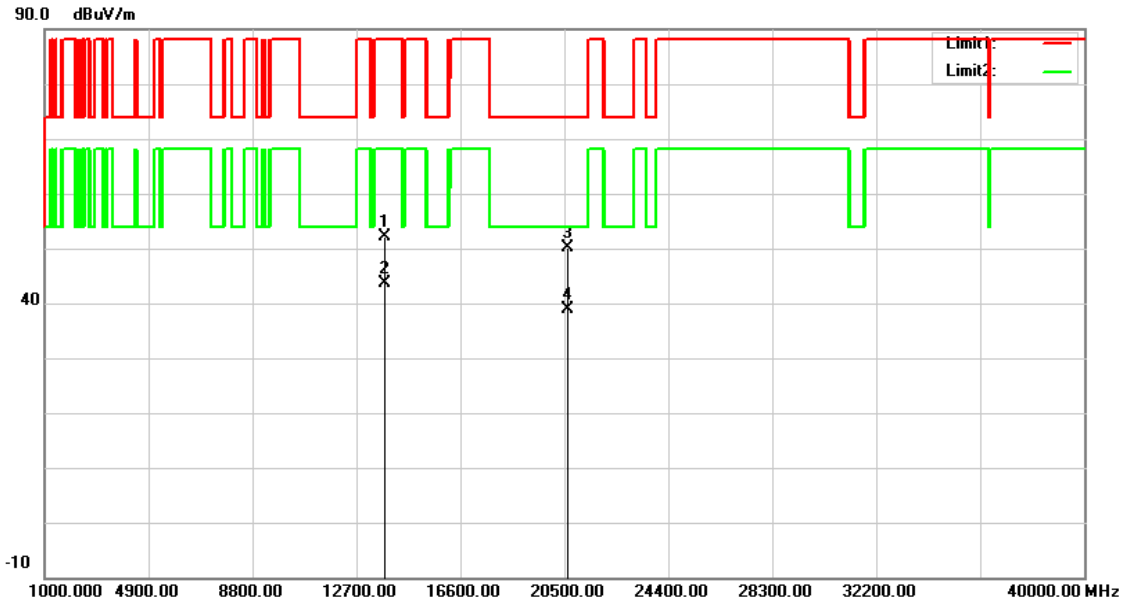
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13770.000	30.49	22.11	52.60	88.20	-35.60	peak
2	13770.000	21.59	22.11	43.70	68.20	-24.50	AVG
3	20655.000	31.21	19.92	51.13	74.00	-22.87	peak
4	20655.000	18.66	19.92	38.58	54.00	-15.42	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6885 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



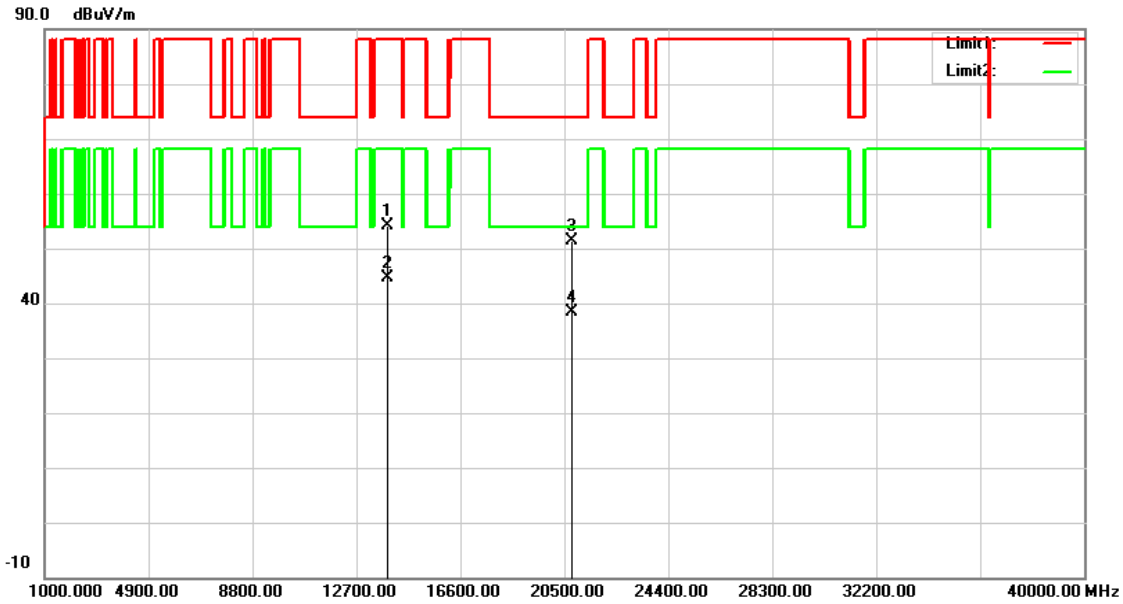
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13770.000	30.01	22.11	52.12	88.20	-36.08	peak
2	13770.000	21.40	22.11	43.51	68.20	-24.69	AVG
3	20655.000	30.17	19.92	50.09	74.00	-23.91	peak
4	20655.000	18.88	19.92	38.80	54.00	-15.20	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6925 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



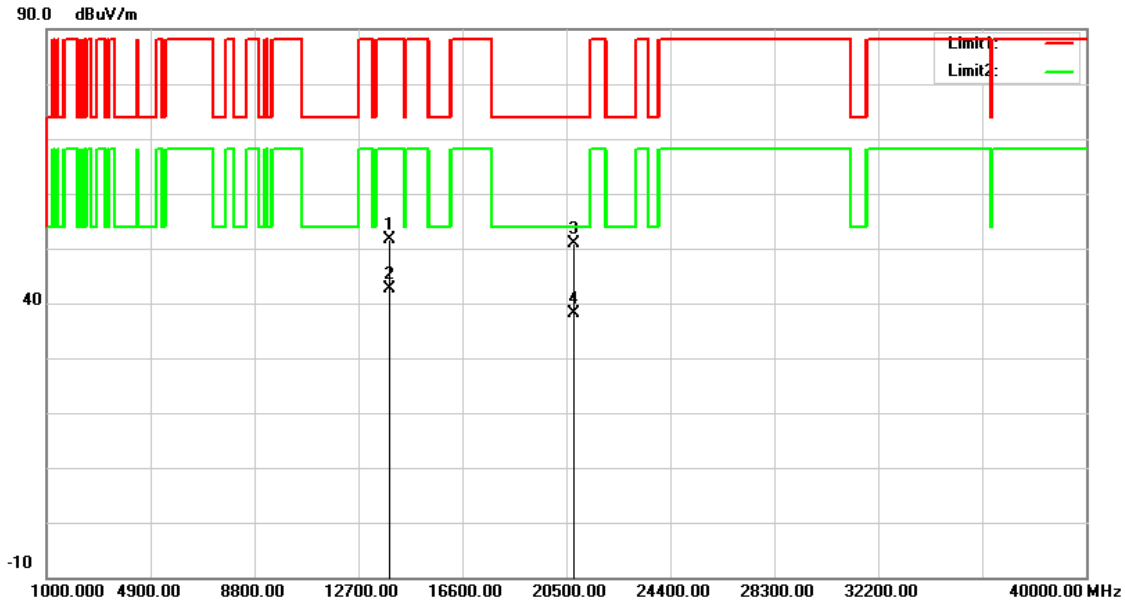
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13850.000	31.83	22.34	54.17	88.20	-34.03	peak
2	13850.000	22.17	22.34	44.51	68.20	-23.69	AVG
3	20775.000	31.19	20.23	51.42	74.00	-22.58	peak
4	20775.000	18.10	20.23	38.33	54.00	-15.67	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6925 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



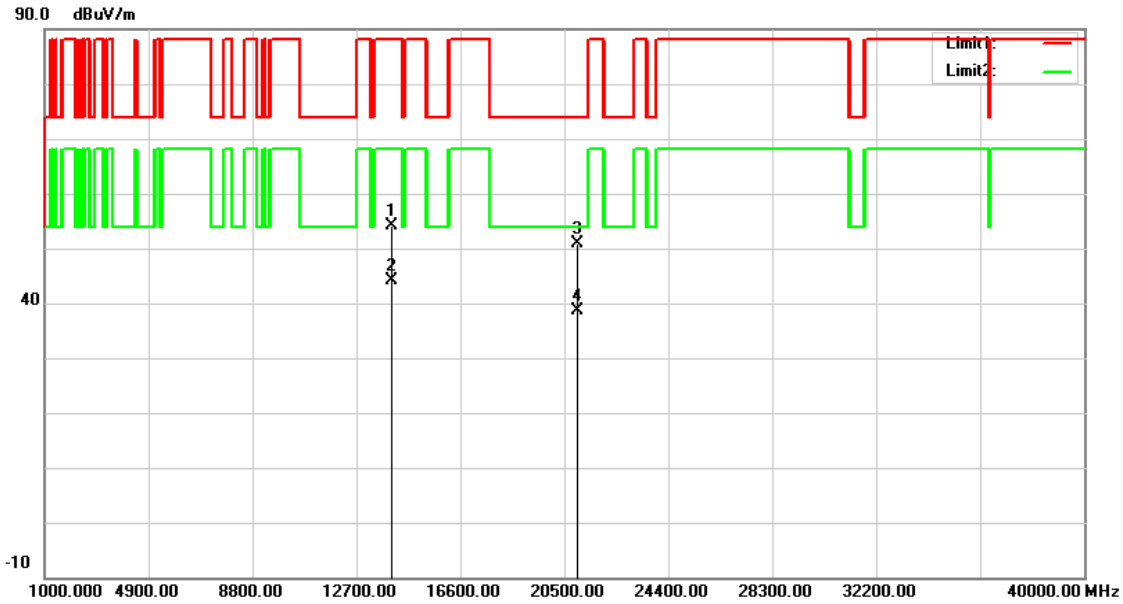
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13850.000	29.30	22.34	51.64	88.20	-36.56	peak
2	13850.000	20.37	22.34	42.71	68.20	-25.49	AVG
3	20775.000	30.77	20.23	51.00	74.00	-23.00	peak
4	20775.000	17.82	20.23	38.05	54.00	-15.95	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7005 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



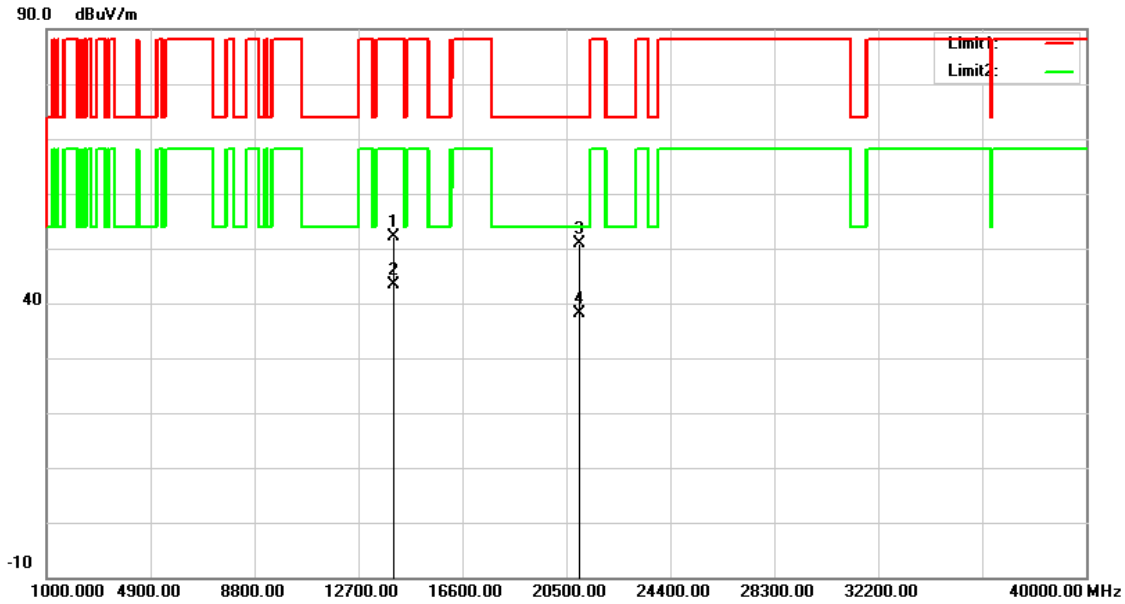
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14010.000	31.41	22.79	54.20	88.20	-34.00	peak
2	14010.000	21.39	22.79	44.18	68.20	-24.02	AVG
3	21015.000	30.08	20.81	50.89	74.00	-23.11	peak
4	21015.000	17.83	20.81	38.64	54.00	-15.36	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7005 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



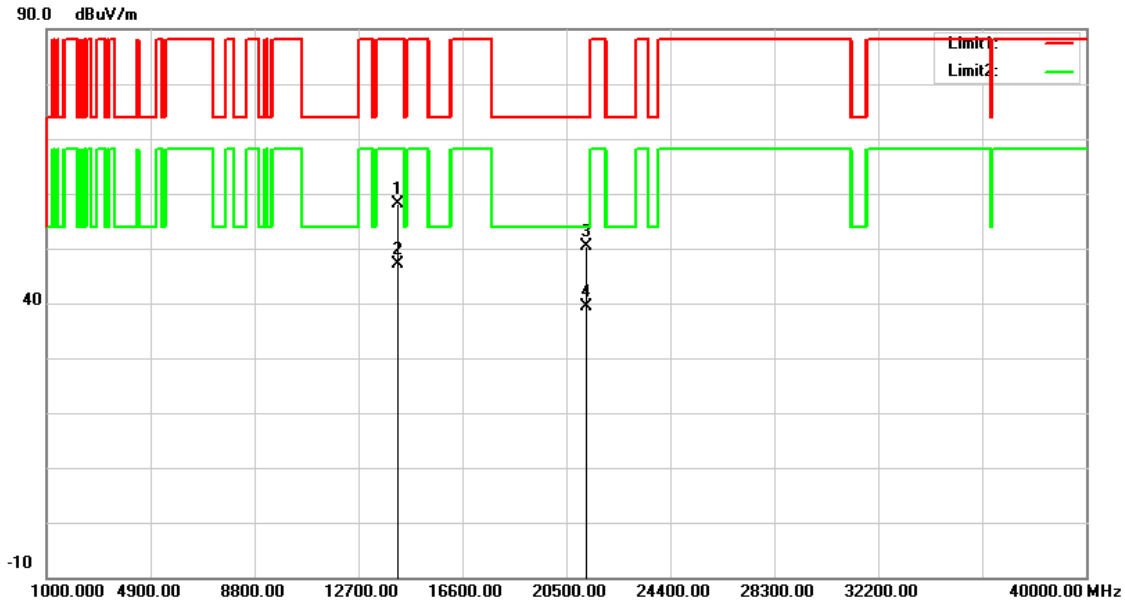
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14010.000	29.30	22.79	52.09	88.20	-36.11	peak
2	14010.000	20.52	22.79	43.31	68.20	-24.89	AVG
3	21015.000	30.16	20.81	50.97	74.00	-23.03	peak
4	21015.000	17.22	20.81	38.03	54.00	-15.97	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



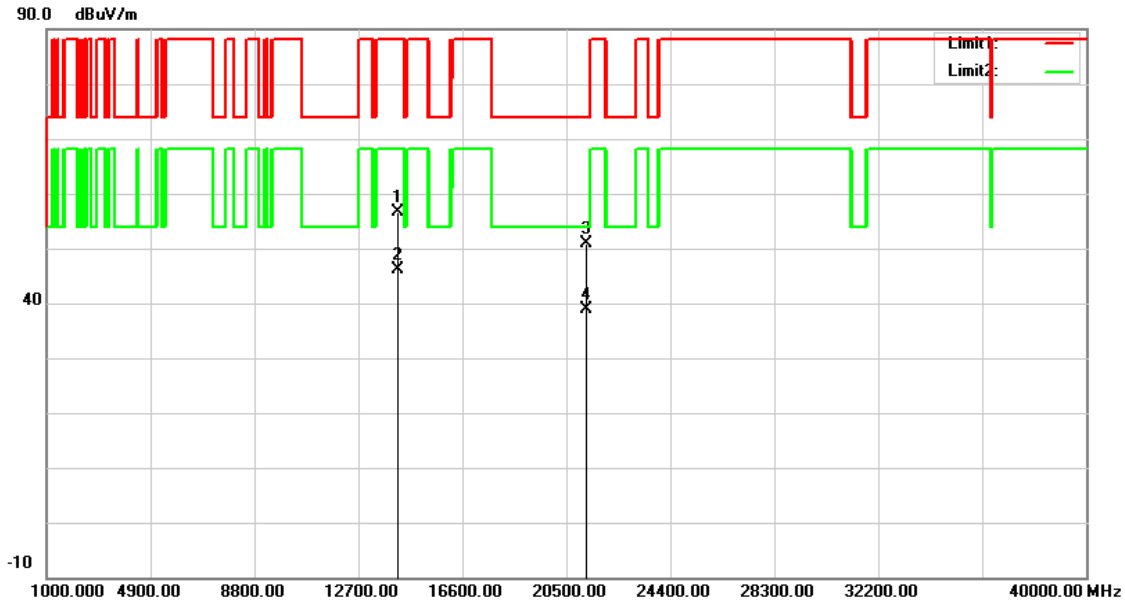
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14170.000	35.15	22.97	58.12	88.20	-30.08	peak
2	14170.000	24.21	22.97	47.18	68.20	-21.02	AVG
3	21255.000	29.53	20.76	50.29	74.00	-23.71	peak
4	21255.000	18.55	20.76	39.31	54.00	-14.69	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



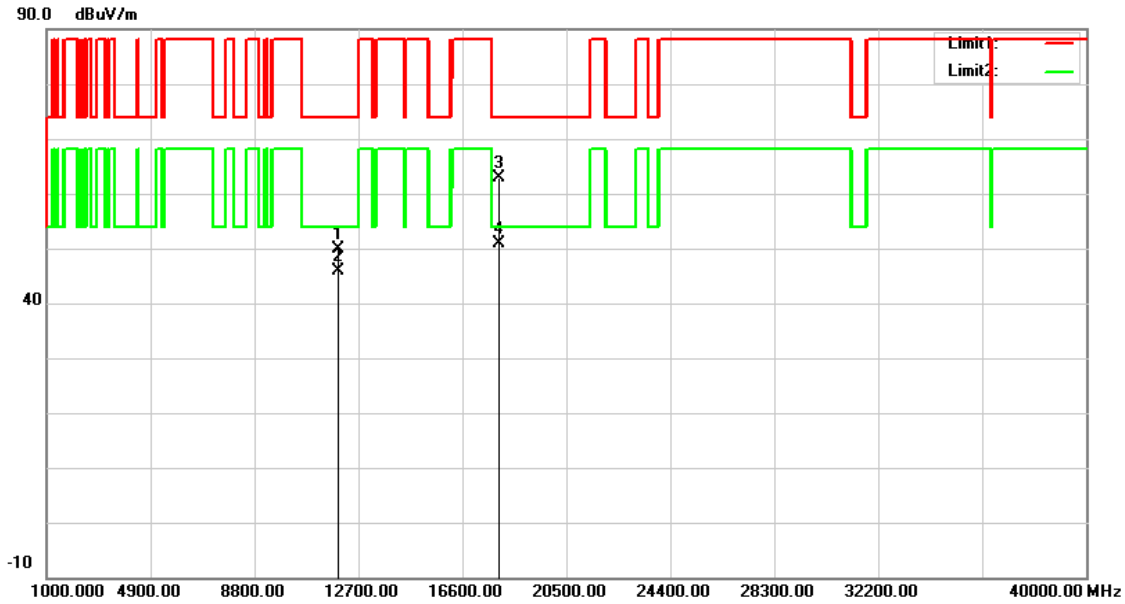
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14170.000	33.69	22.97	56.66	88.20	-31.54	peak
2	14170.000	23.07	22.97	46.04	68.20	-22.16	AVG
3	21255.000	30.10	20.76	50.86	74.00	-23.14	peak
4	21255.000	18.21	20.76	38.97	54.00	-15.03	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



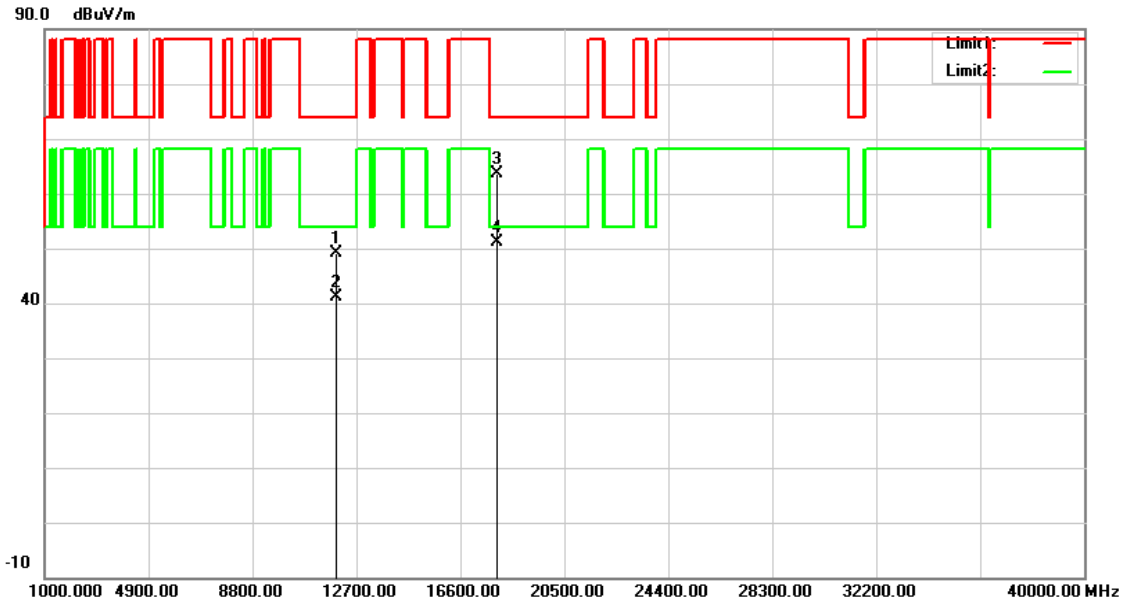
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11970.000	31.62	18.25	49.87	74.00	-24.13	peak
2	11970.000	27.58	18.25	45.83	54.00	-8.17	AVG
3	17955.000	31.15	31.62	62.77	74.00	-11.23	peak
4	17955.000	19.36	31.62	50.98	54.00	-3.02	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



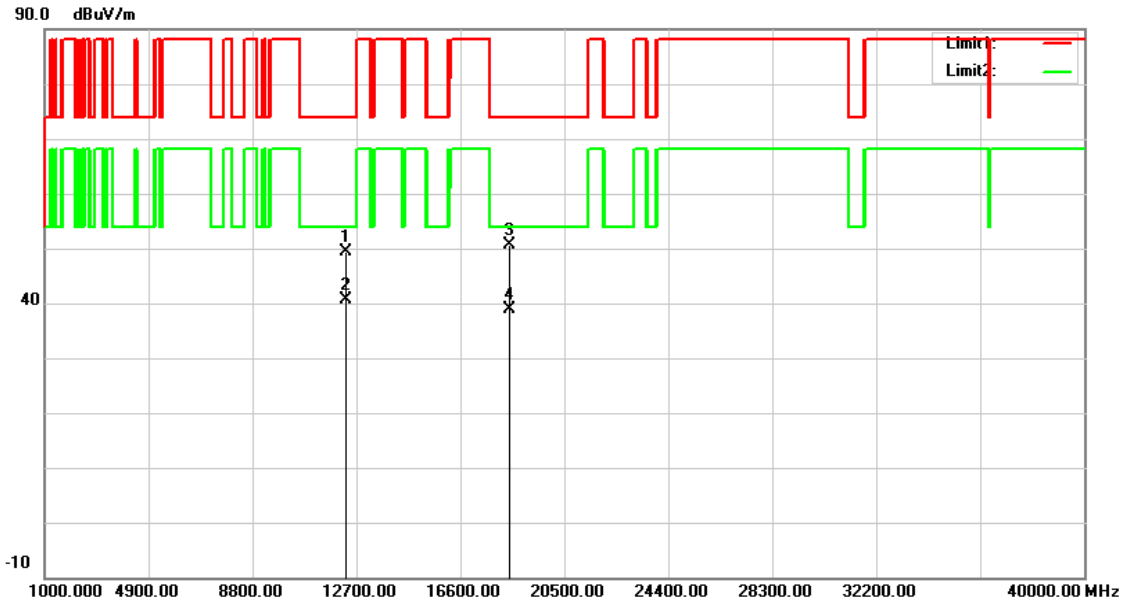
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11970.000	30.86	18.25	49.11	74.00	-24.89	peak
2	11970.000	22.88	18.25	41.13	54.00	-12.87	AVG
3	17955.000	31.90	31.62	63.52	74.00	-10.48	peak
4	17955.000	19.52	31.62	51.14	54.00	-2.86	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6145 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



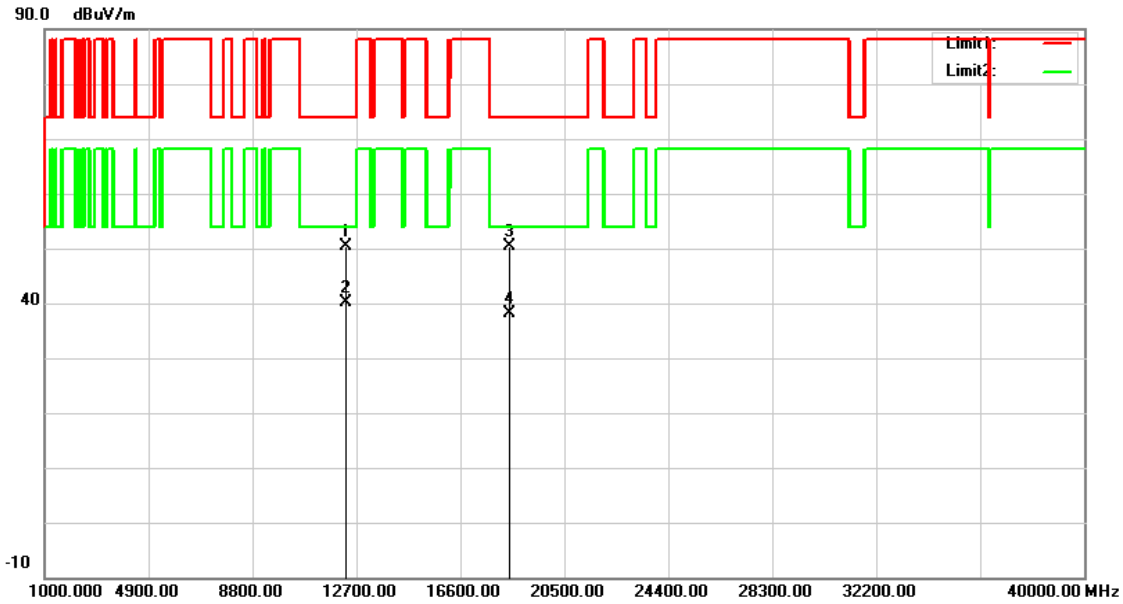
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12290.000	30.87	18.61	49.48	74.00	-24.52	peak
2	12290.000	21.95	18.61	40.56	54.00	-13.44	AVG
3	18435.000	30.24	20.37	50.61	74.00	-23.39	peak
4	18435.000	18.48	20.37	38.85	54.00	-15.15	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6145 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



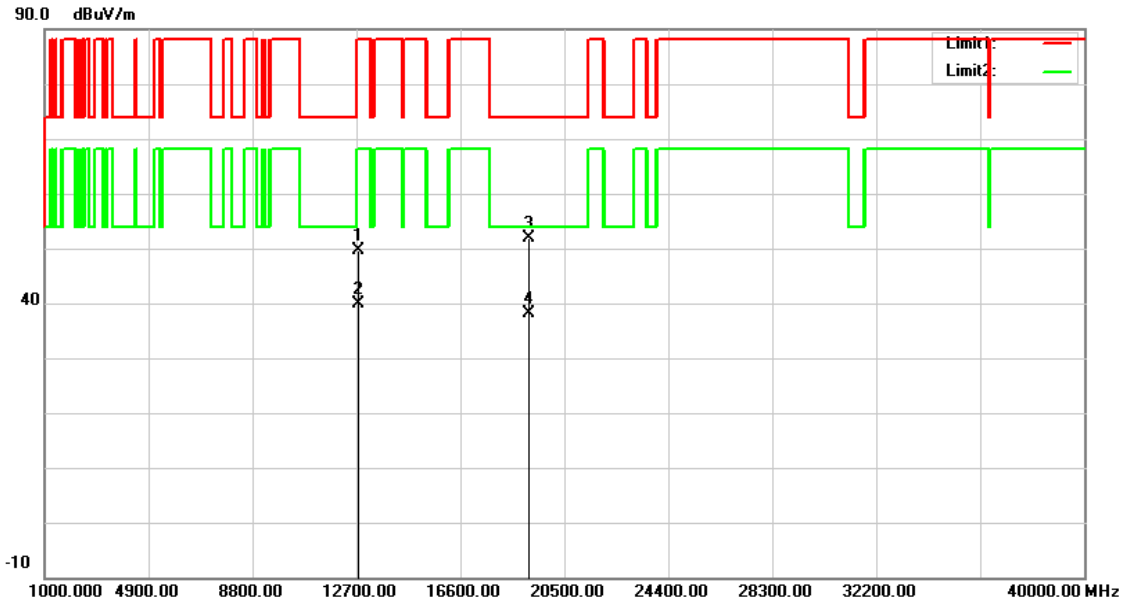
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12290.000	31.66	18.61	50.27	74.00	-23.73	peak
2	12290.000	21.55	18.61	40.16	54.00	-13.84	AVG
3	18435.000	30.04	20.37	50.41	74.00	-23.59	peak
4	18435.000	17.67	20.37	38.04	54.00	-15.96	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6385 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



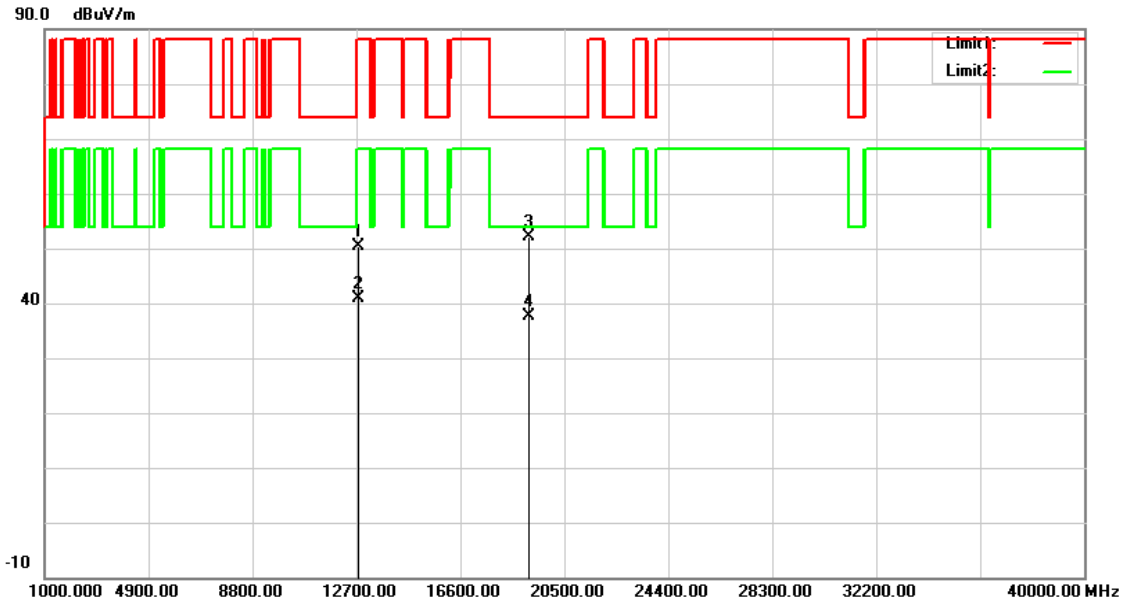
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12770.000	29.97	19.54	49.51	88.20	-38.69	peak
2	12770.000	20.33	19.54	39.87	68.20	-28.33	AVG
3	19155.000	31.58	20.36	51.94	74.00	-22.06	peak
4	19155.000	17.81	20.36	38.17	54.00	-15.83	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6385 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



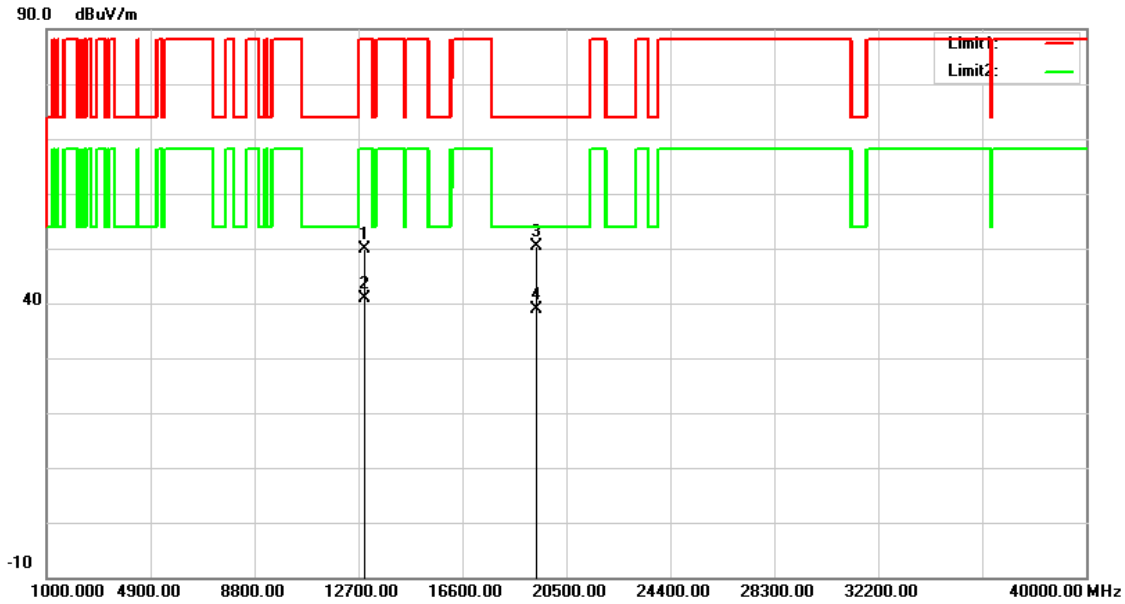
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12770.000	30.89	19.54	50.43	88.20	-37.77	peak
2	12770.000	21.34	19.54	40.88	68.20	-27.32	AVG
3	19155.000	31.68	20.36	52.04	74.00	-21.96	peak
4	19155.000	17.30	20.36	37.66	54.00	-16.34	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6465 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



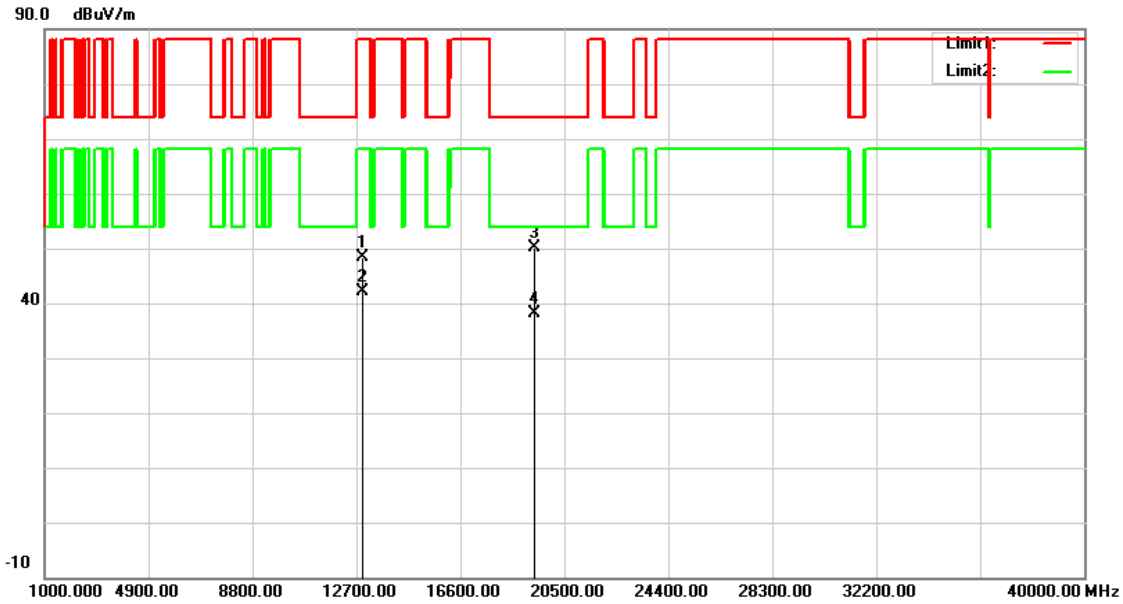
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12930.000	29.85	19.92	49.77	88.20	-38.43	peak
2	12930.000	21.04	19.92	40.96	68.20	-27.24	AVG
3	19395.000	30.24	20.08	50.32	74.00	-23.68	peak
4	19395.000	18.81	20.08	38.89	54.00	-15.11	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6465 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



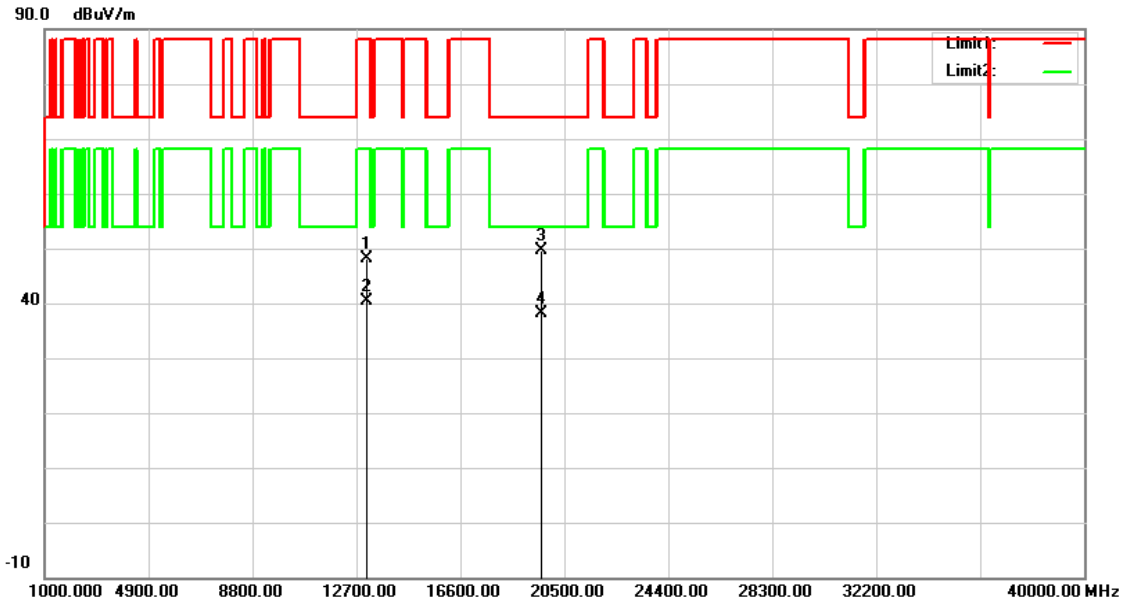
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	12930.000	28.48	19.92	48.40	88.20	-39.80	peak
2	12930.000	22.23	19.92	42.15	68.20	-26.05	AVG
3	19395.000	30.14	20.08	50.22	74.00	-23.78	peak
4	19395.000	18.06	20.08	38.14	54.00	-15.86	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6545 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



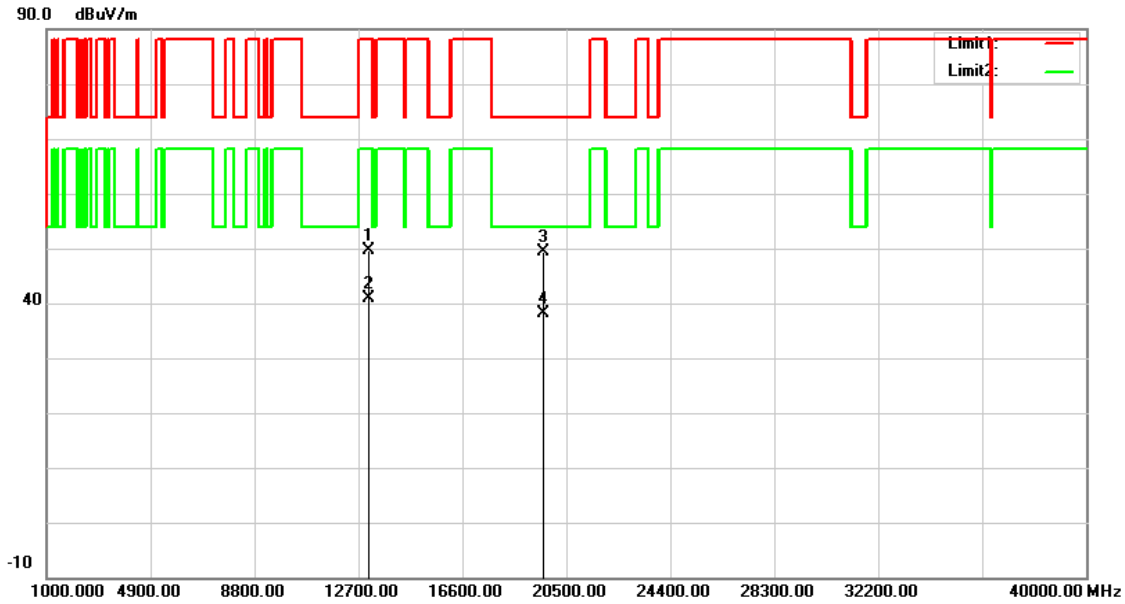
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13090.000	27.87	20.32	48.19	88.20	-40.01	peak
2	13090.000	20.01	20.32	40.33	68.20	-27.87	AVG
3	19635.000	29.88	19.80	49.68	74.00	-24.32	peak
4	19635.000	18.40	19.80	38.20	54.00	-15.80	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6545 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



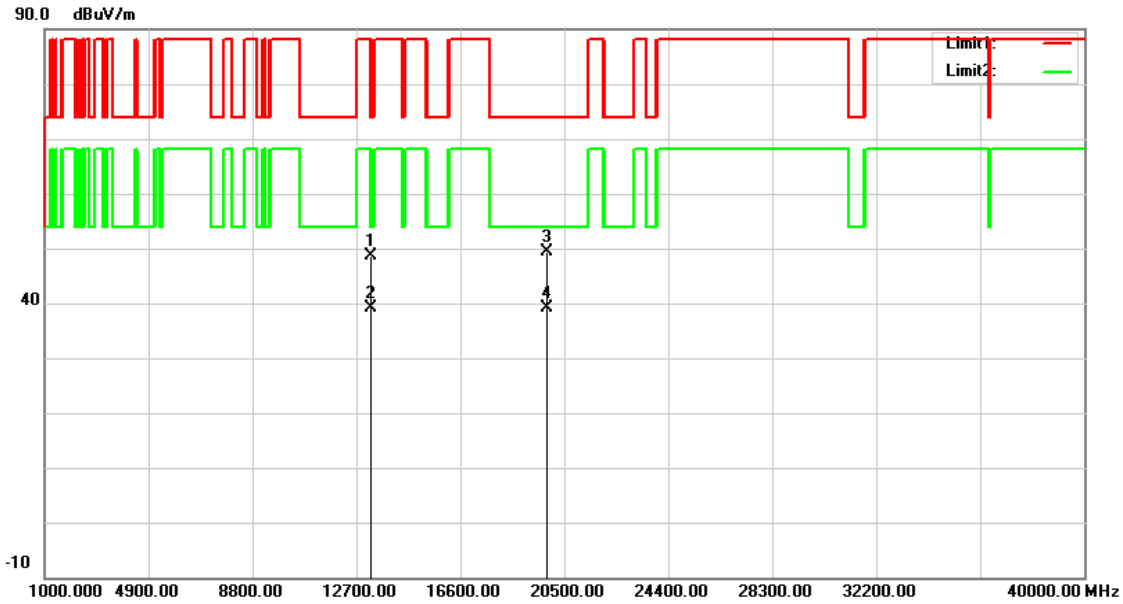
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13090.000	29.26	20.32	49.58	88.20	-38.62	peak
2	13090.000	20.68	20.32	41.00	68.20	-27.20	AVG
3	19635.000	29.55	19.80	49.35	74.00	-24.65	peak
4	19635.000	18.31	19.80	38.11	54.00	-15.89	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6625 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



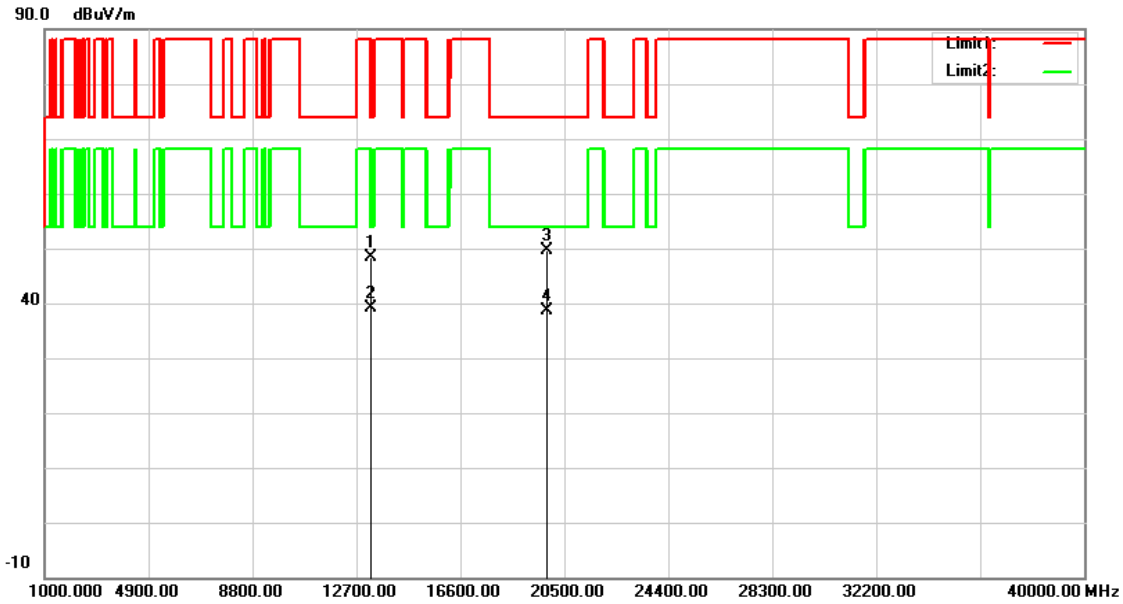
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13250.000	27.94	20.73	48.67	74.00	-25.33	peak
2	13250.000	18.34	20.73	39.07	54.00	-14.93	AVG
3	19875.000	29.97	19.53	49.50	74.00	-24.50	peak
4	19875.000	19.54	19.53	39.07	54.00	-14.93	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6625 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



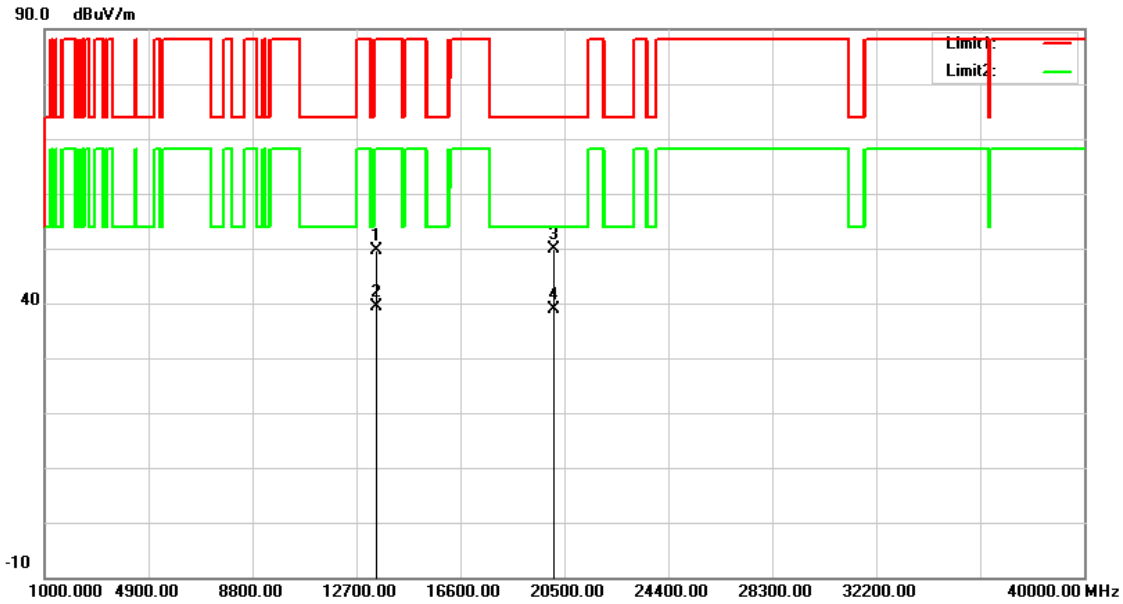
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13250.000	27.64	20.73	48.37	74.00	-25.63	peak
2	13250.000	18.42	20.73	39.15	54.00	-14.85	AVG
3	19875.000	30.14	19.53	49.67	74.00	-24.33	peak
4	19875.000	19.18	19.53	38.71	54.00	-15.29	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6705 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



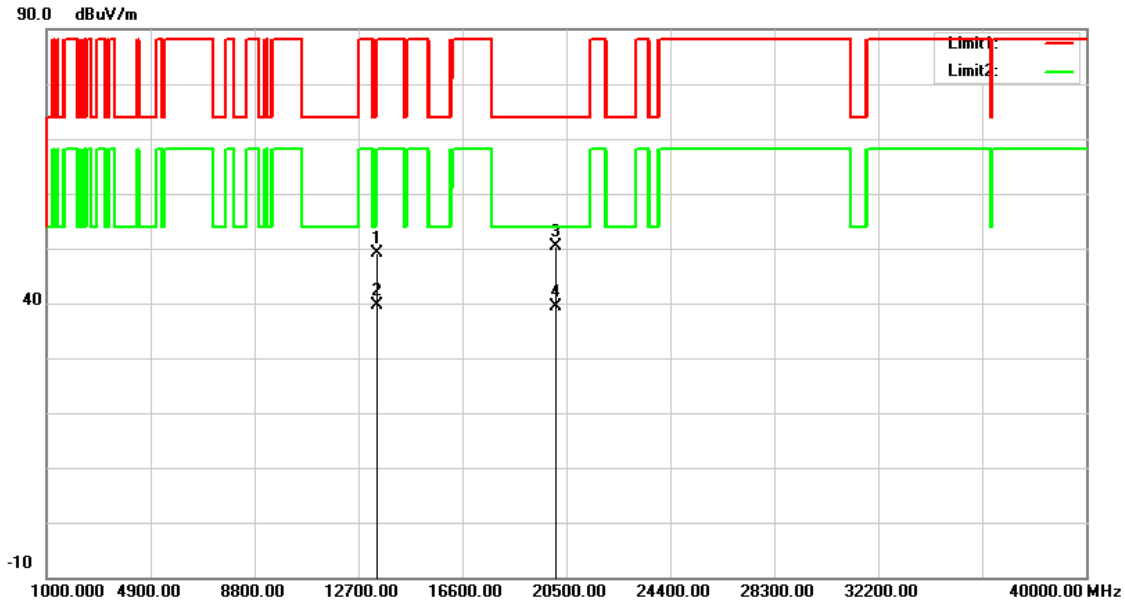
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13410.000	28.59	21.12	49.71	88.20	-38.49	peak
2	13410.000	18.21	21.12	39.33	68.20	-28.87	AVG
3	20115.000	30.41	19.42	49.83	74.00	-24.17	peak
4	20115.000	19.57	19.42	38.99	54.00	-15.01	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6705 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



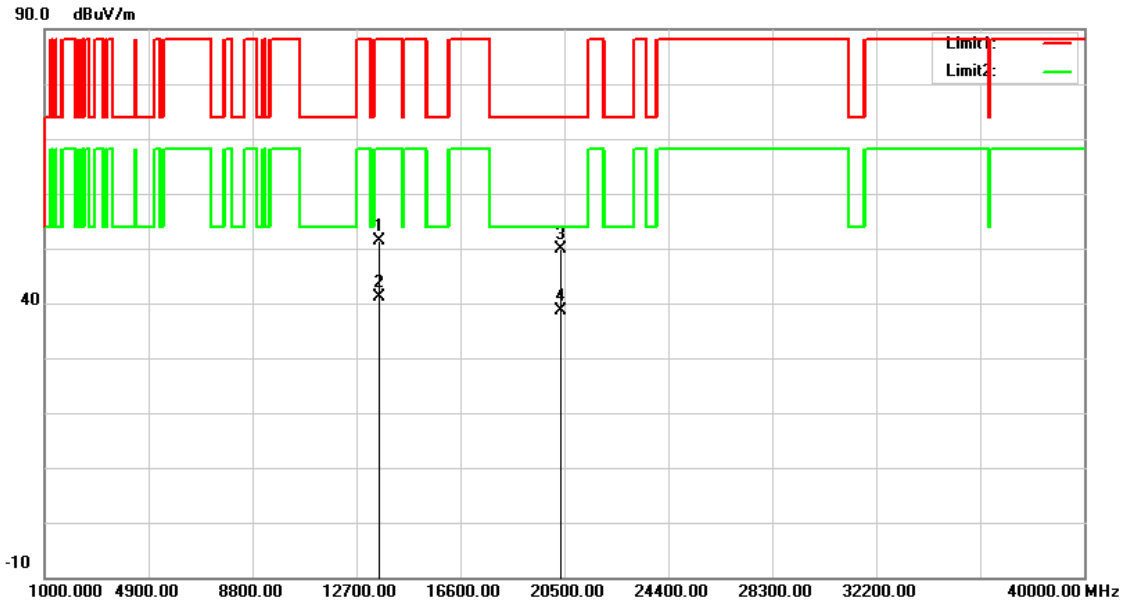
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13410.000	28.09	21.12	49.21	88.20	-38.99	peak
2	13410.000	18.59	21.12	39.71	68.20	-28.49	AVG
3	20115.000	30.91	19.42	50.33	74.00	-23.67	peak
4	20115.000	20.03	19.42	39.45	54.00	-14.55	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6785 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



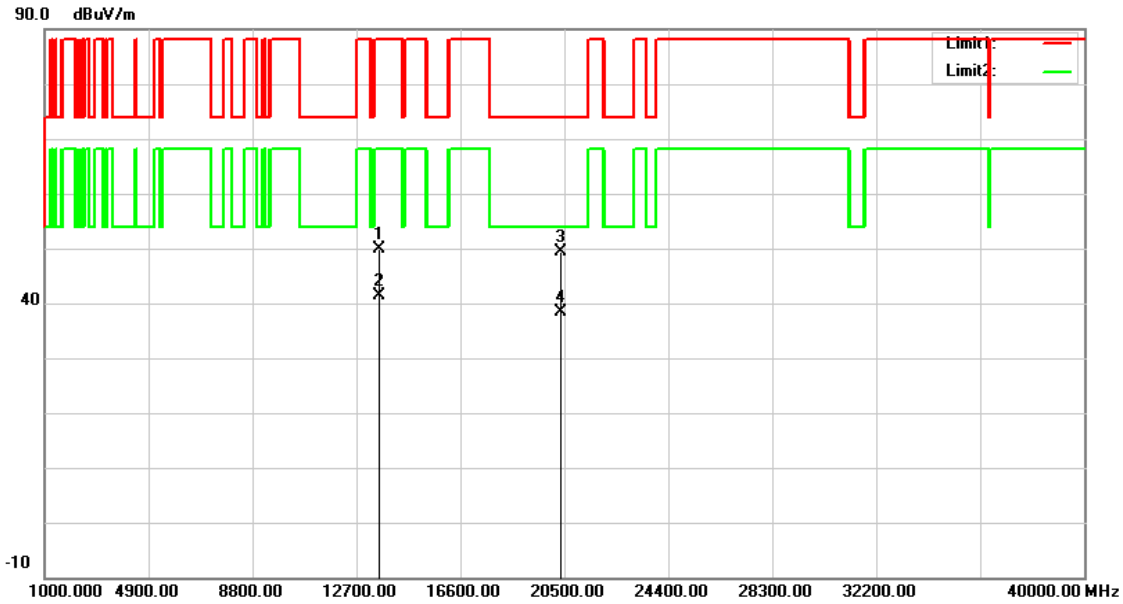
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13570.000	29.84	21.54	51.38	88.20	-36.82	peak
2	13570.000	19.58	21.54	41.12	68.20	-27.08	AVG
3	20355.000	30.39	19.48	49.87	74.00	-24.13	peak
4	20355.000	19.14	19.48	38.62	54.00	-15.38	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6785 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



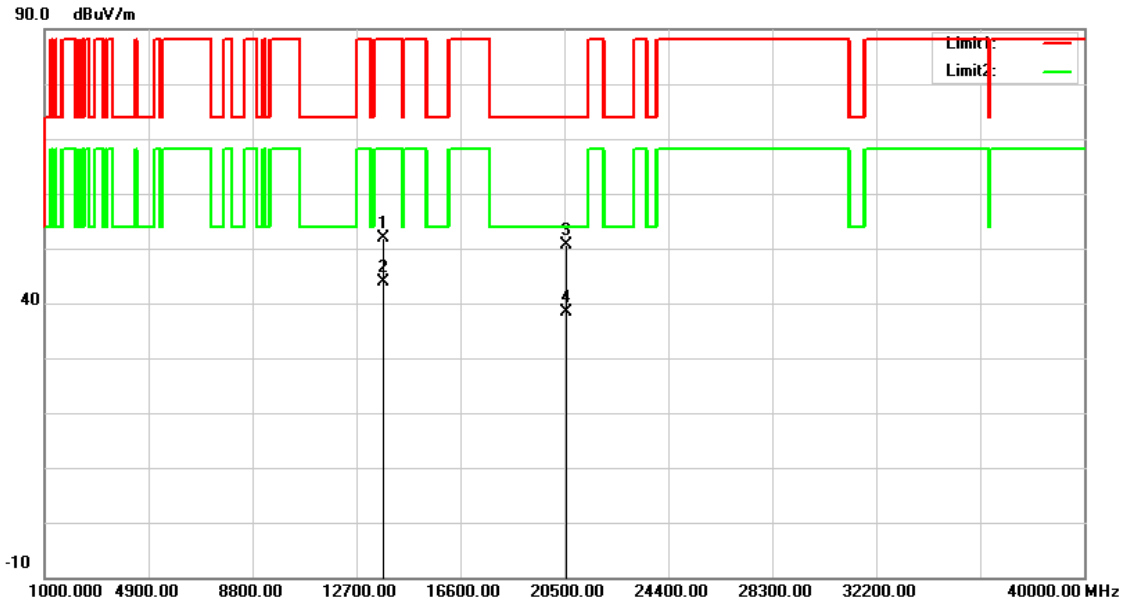
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13570.000	28.27	21.54	49.81	88.20	-38.39	peak
2	13570.000	19.86	21.54	41.40	68.20	-26.80	AVG
3	20355.000	29.88	19.48	49.36	74.00	-24.64	peak
4	20355.000	18.80	19.48	38.28	54.00	-15.72	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6865 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



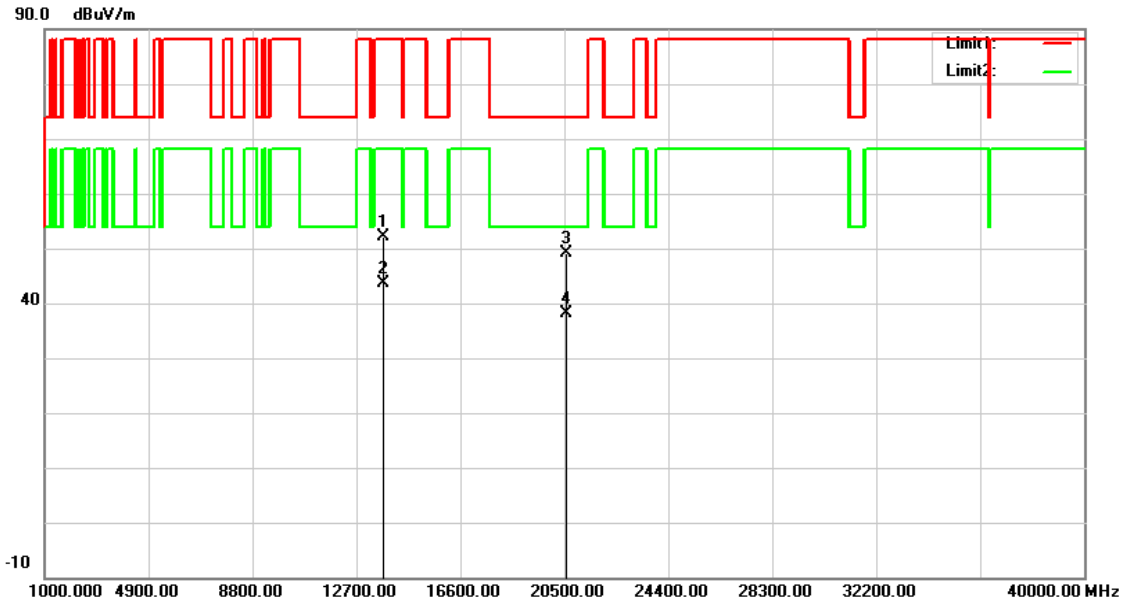
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13730.000	29.79	22.01	51.80	88.20	-36.40	peak
2	13730.000	21.88	22.01	43.89	68.20	-24.31	AVG
3	20595.000	30.90	19.76	50.66	74.00	-23.34	peak
4	20595.000	18.58	19.76	38.34	54.00	-15.66	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6865 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



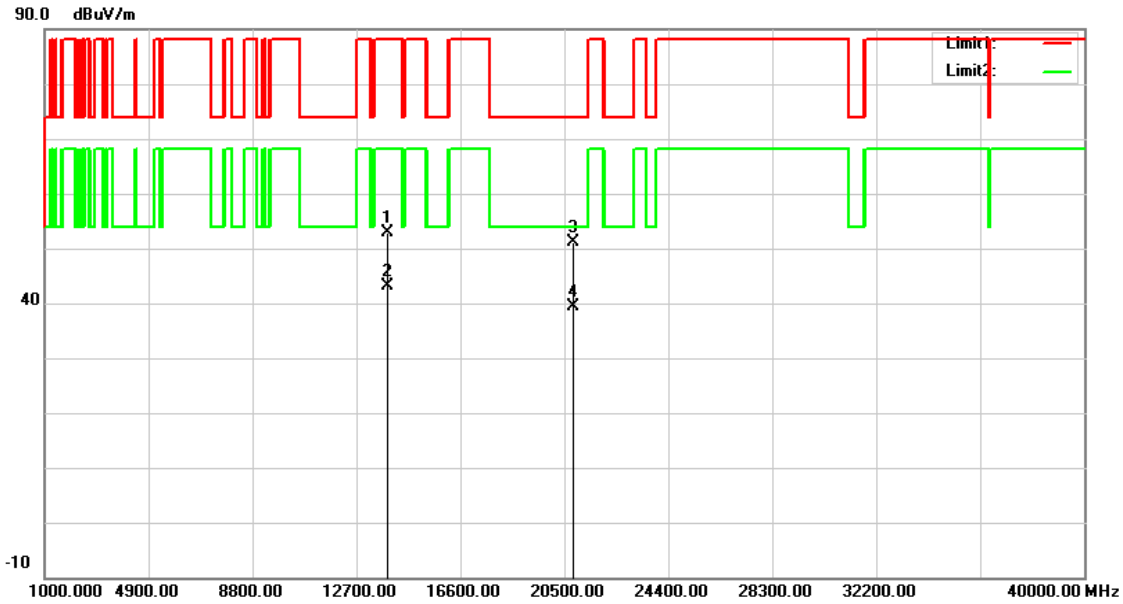
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13730.000	30.00	22.01	52.01	88.20	-36.19	peak
2	13730.000	21.61	22.01	43.62	68.20	-24.58	AVG
3	20595.000	29.26	19.76	49.02	74.00	-24.98	peak
4	20595.000	18.34	19.76	38.10	54.00	-15.90	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6945 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



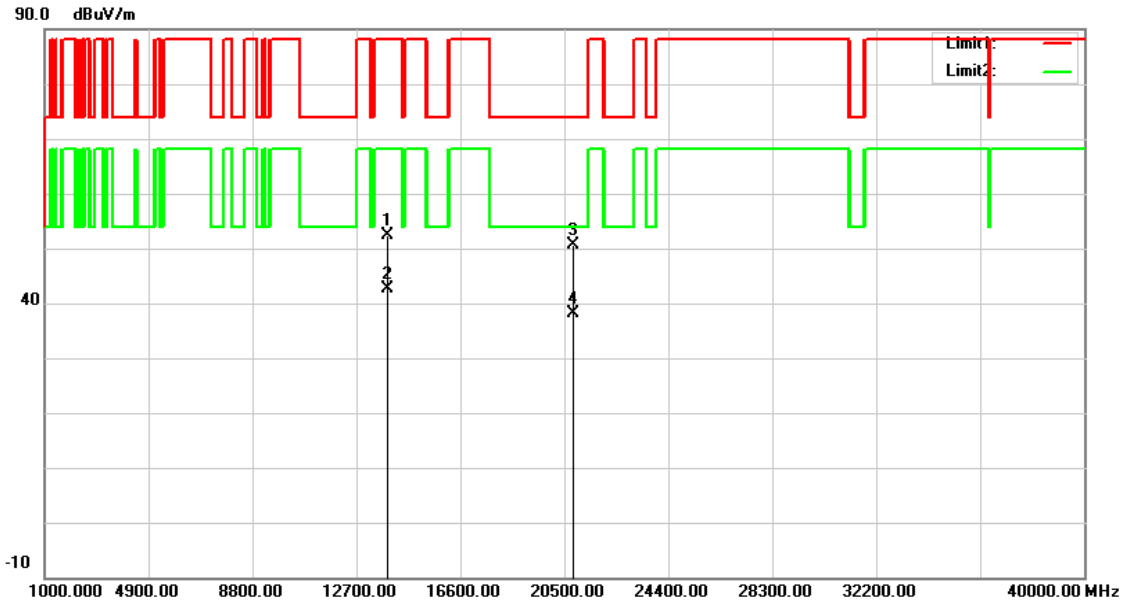
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13890.000	30.47	22.46	52.93	88.20	-35.27	peak
2	13890.000	20.59	22.46	43.05	68.20	-25.15	AVG
3	20835.000	30.71	20.38	51.09	74.00	-22.91	peak
4	20835.000	19.10	20.38	39.48	54.00	-14.52	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	6945 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



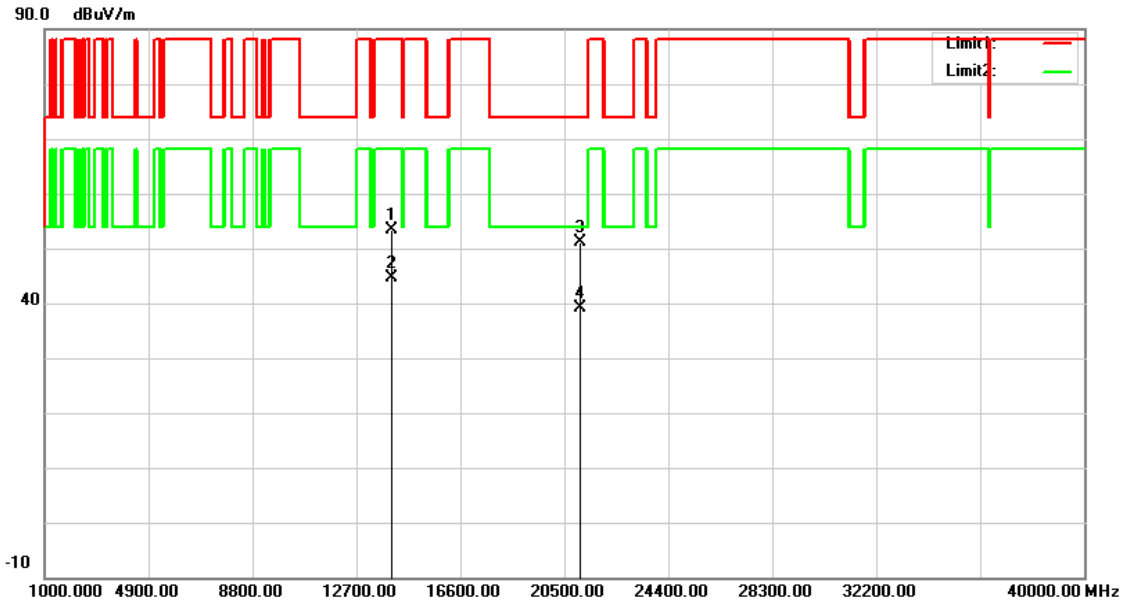
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	13890.000	30.00	22.46	52.46	88.20	-35.74	peak
2	13890.000	20.14	22.46	42.60	68.20	-25.60	AVG
3	20835.000	30.24	20.38	50.62	74.00	-23.38	peak
4	20835.000	17.73	20.38	38.11	54.00	-15.89	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



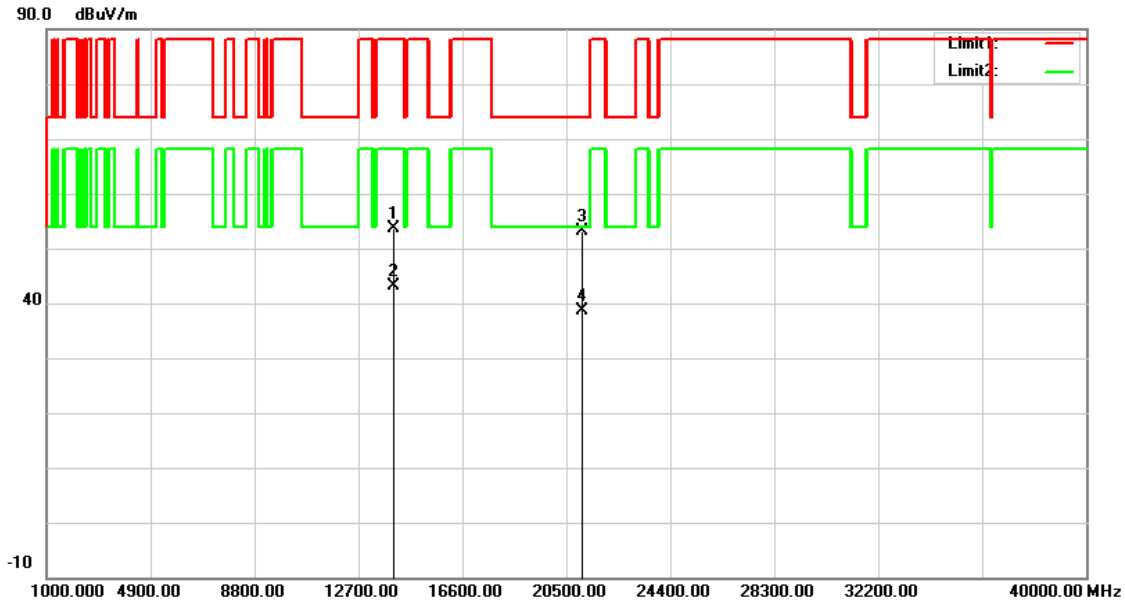
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14050.000	30.42	22.84	53.26	88.20	-34.94	peak
2	14050.000	21.88	22.84	44.72	68.20	-23.48	AVG
3	21075.000	30.39	20.79	51.18	74.00	-22.82	peak
4	21075.000	18.27	20.79	39.06	54.00	-14.94	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	14050.000	30.83	22.84	53.67	88.20	-34.53	peak
2	14050.000	20.23	22.84	43.07	68.20	-25.13	AVG
3	21075.000	32.43	20.79	53.22	74.00	-20.78	peak
4	21075.000	17.92	20.79	38.71	54.00	-15.29	AVG

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

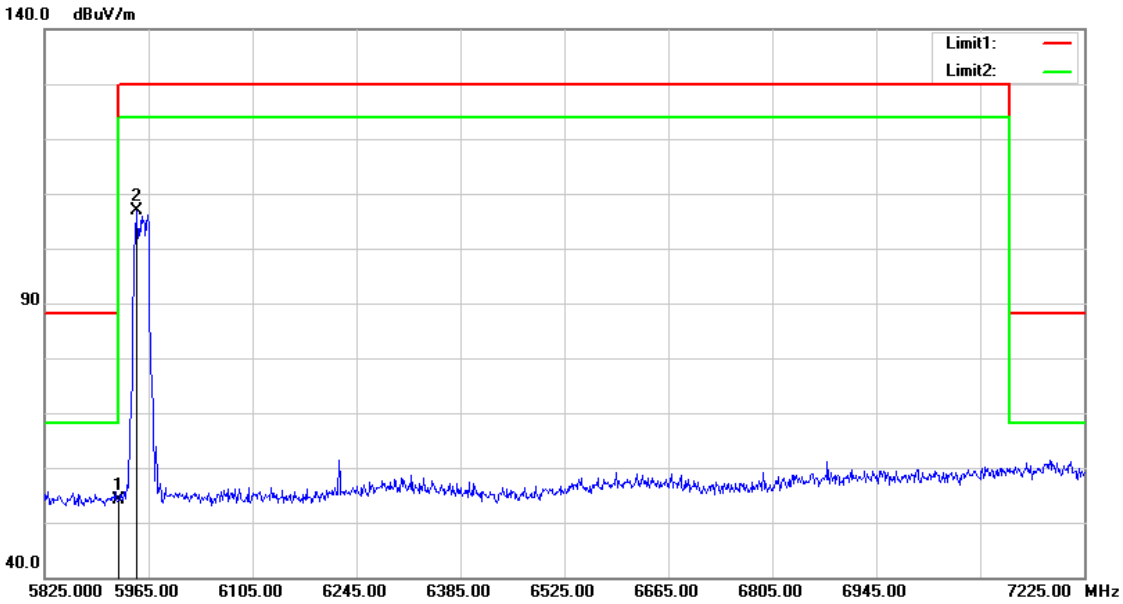
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Band Edge

Peak

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



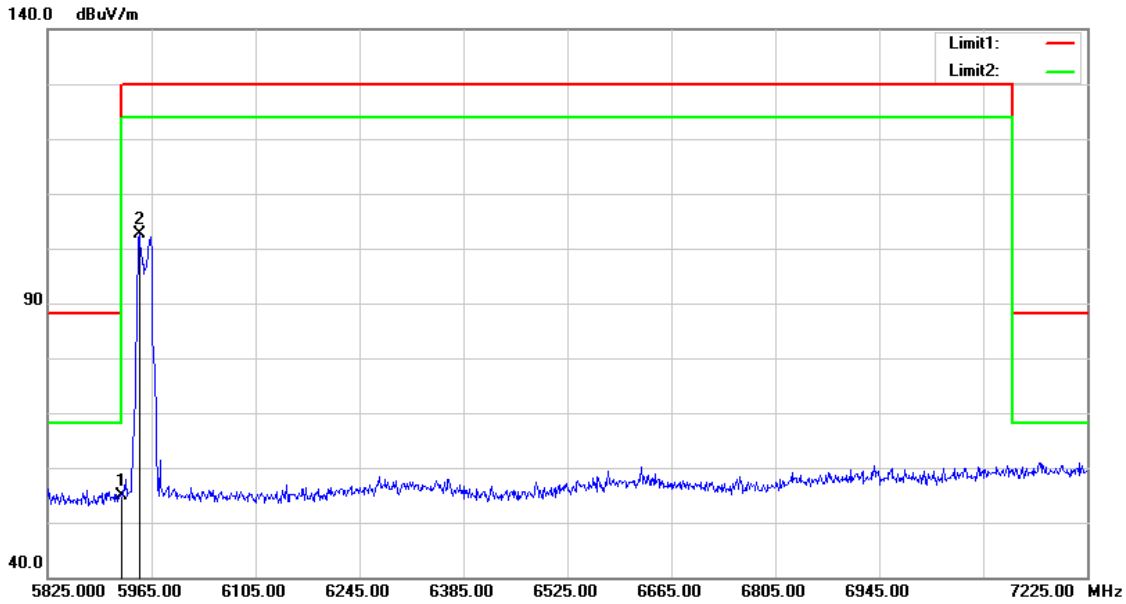
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	46.94	7.25	54.19	88.20	-34.01	peak
2	5948.200	99.46	7.31	106.77	130.00	-23.23	peak

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:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



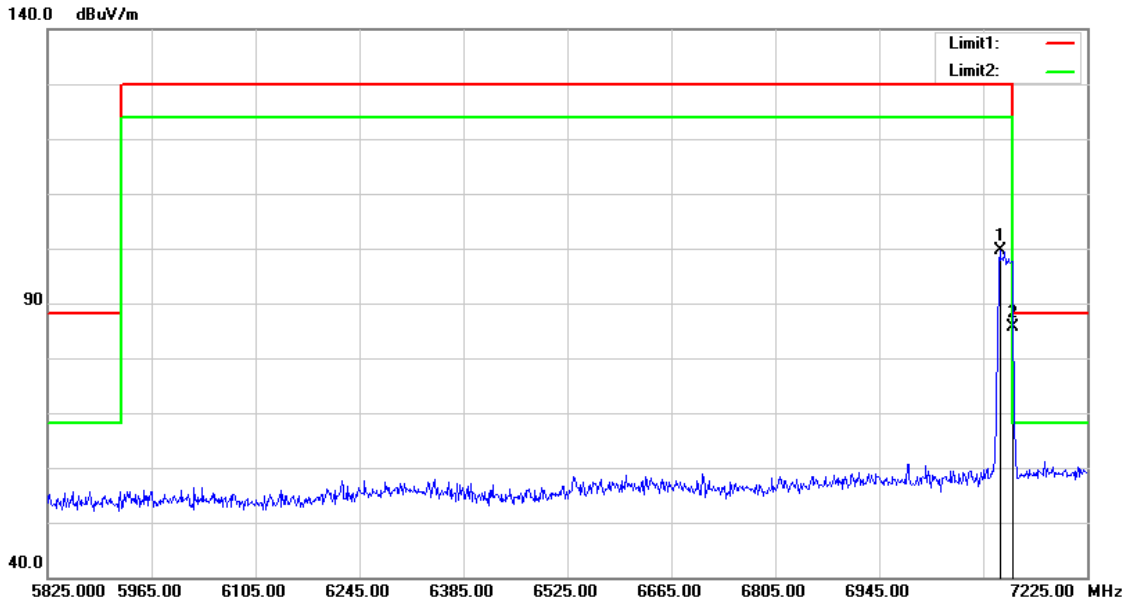
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	47.56	7.25	54.81	88.20	-33.39	peak
2	5948.200	95.20	7.31	102.51	130.00	-27.49	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



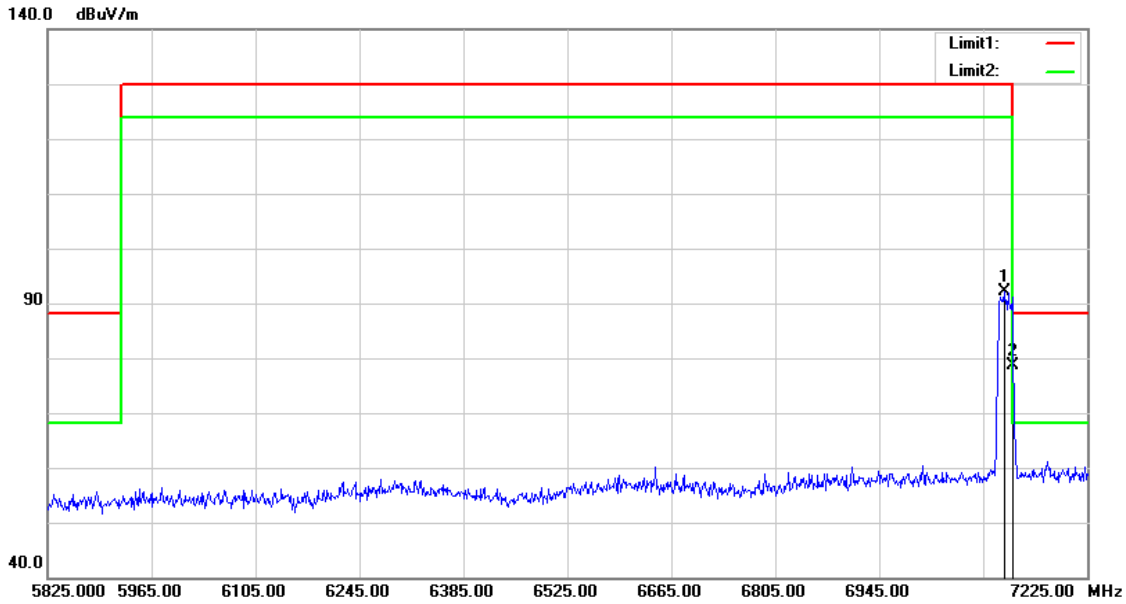
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7107.400	87.62	12.00	99.62	130.00	-30.38	peak
2	7125.000	73.49	12.03	85.52	88.20	-2.68	peak

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:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



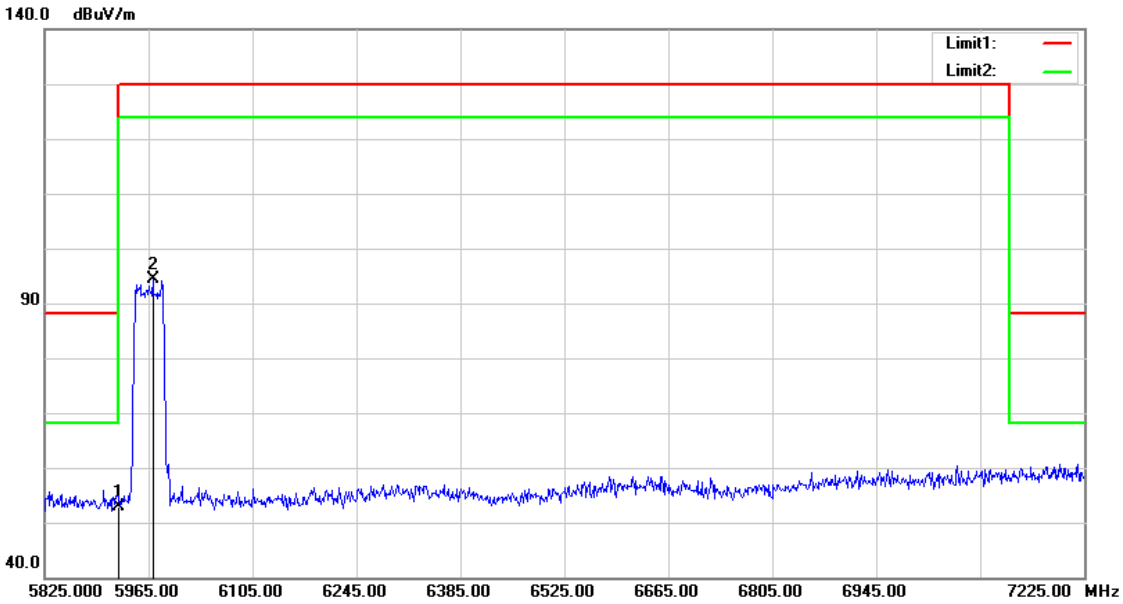
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7113.000	80.17	12.01	92.18	130.00	-37.82	peak
2	7125.000	66.66	12.03	78.69	88.20	-9.51	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



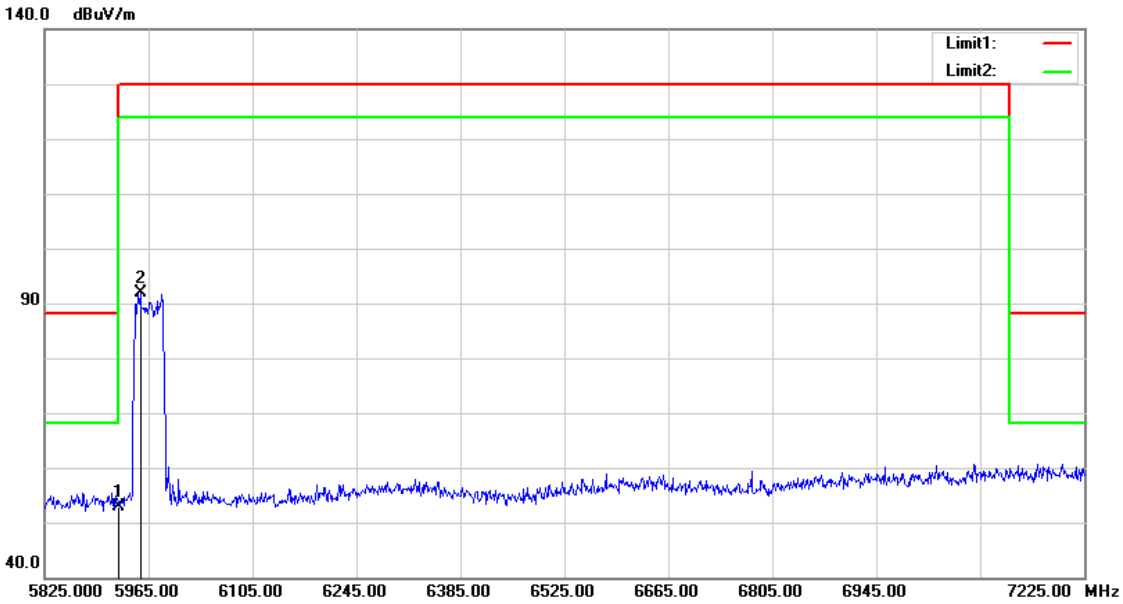
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	45.59	7.25	52.84	88.20	-35.36	peak
2	5970.600	86.98	7.36	94.34	130.00	-35.66	peak

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:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



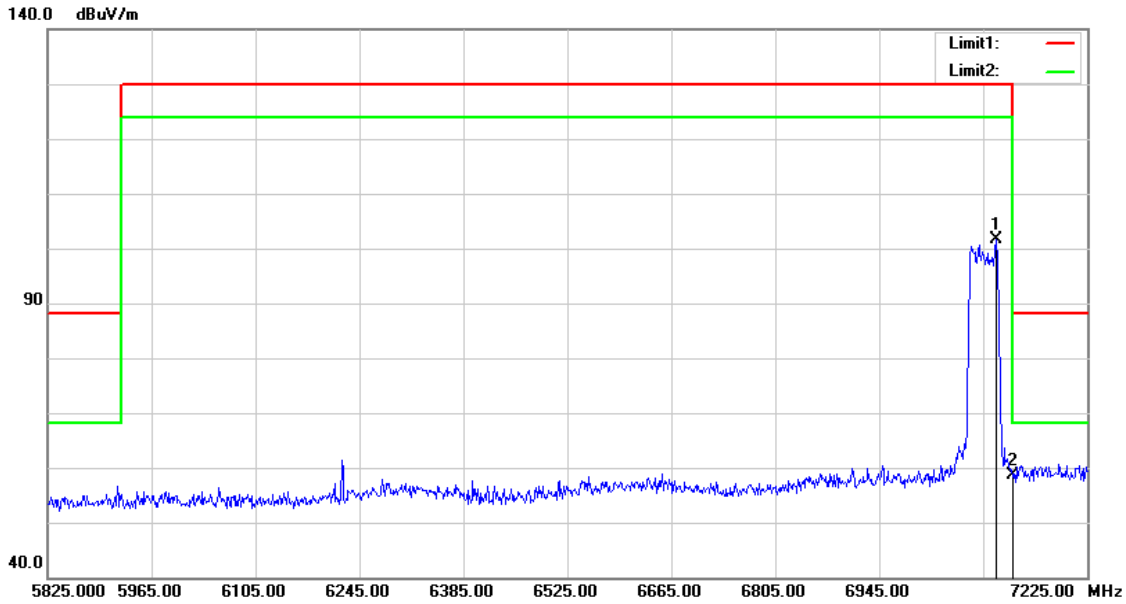
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	45.56	7.25	52.81	88.20	-35.39	peak
2	5953.800	84.49	7.32	91.81	130.00	-38.19	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



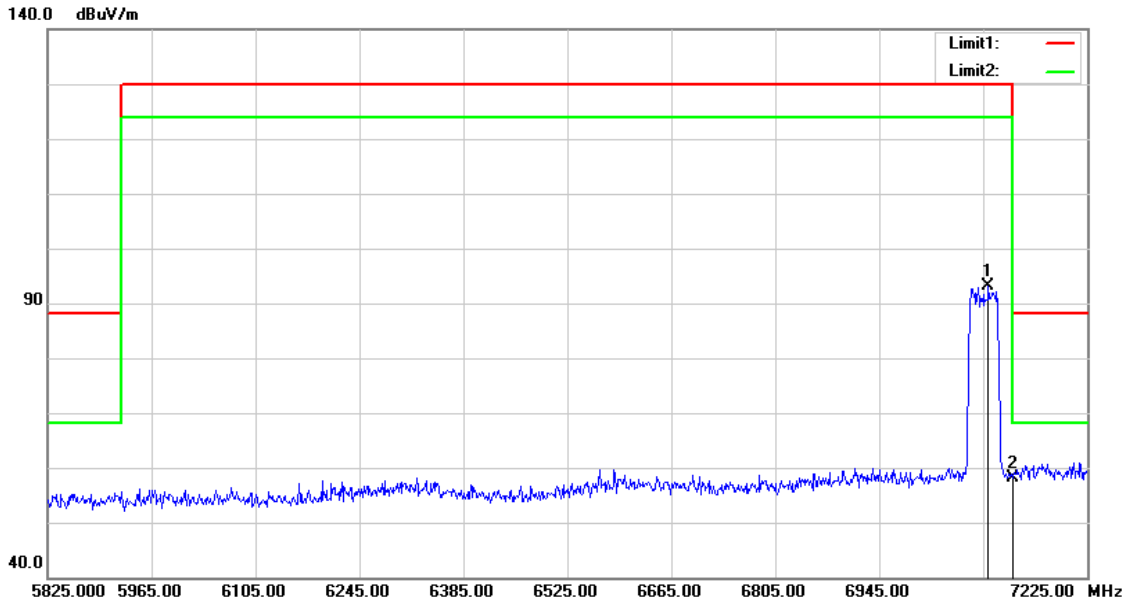
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7101.800	89.54	11.97	101.51	130.00	-28.49	peak
2	7125.000	46.72	12.03	58.75	88.20	-29.45	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



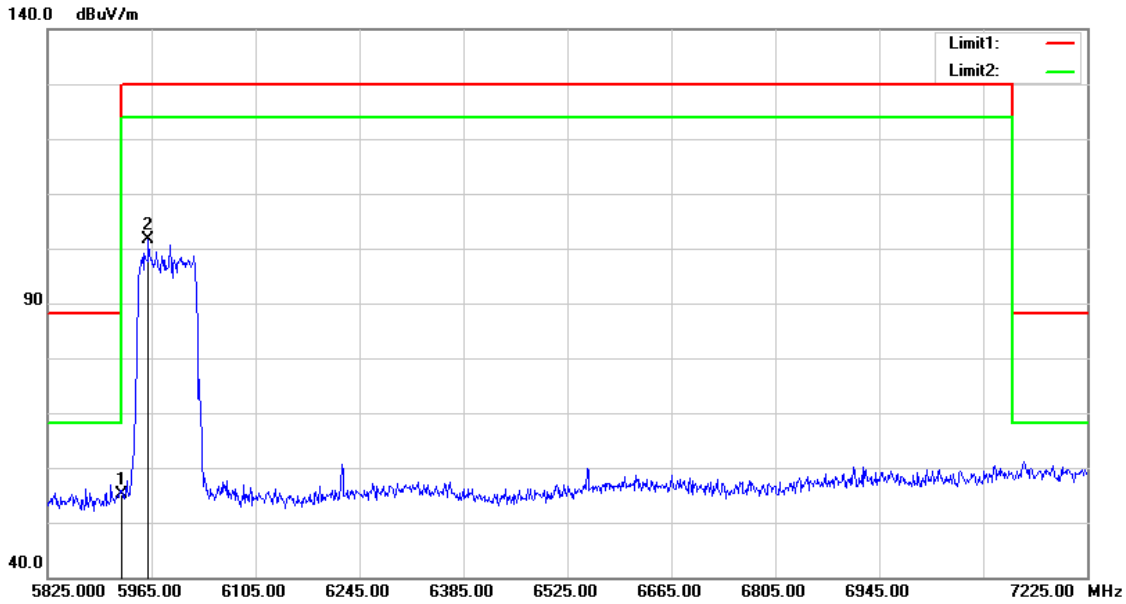
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7092.000	81.12	11.95	93.07	130.00	-36.93	peak
2	7125.000	46.21	12.03	58.24	88.20	-29.96	peak

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:	Band edge		
Frequency:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



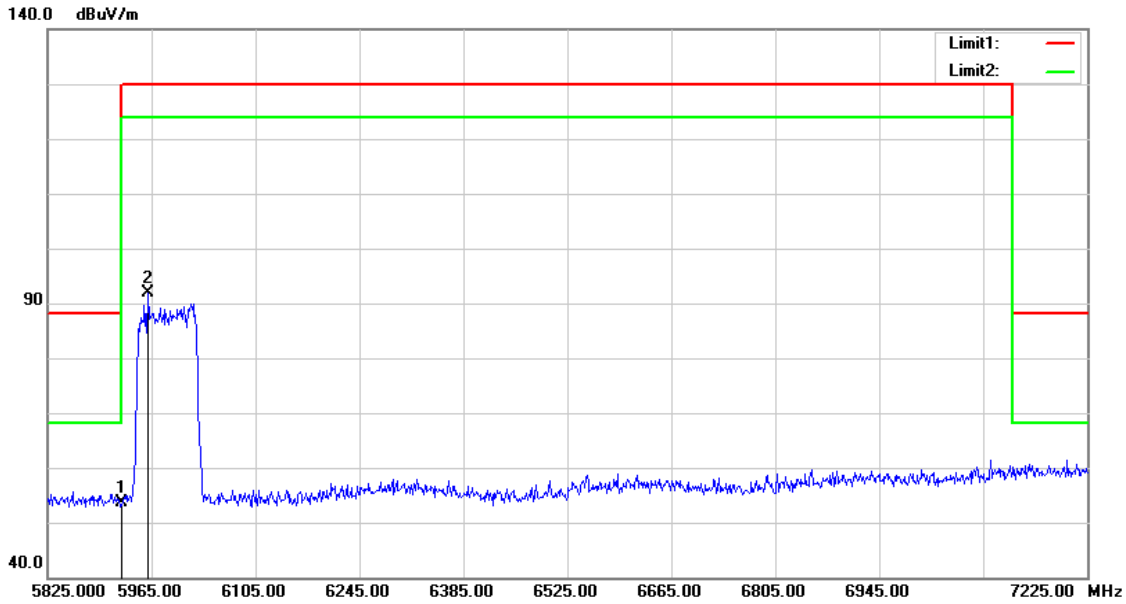
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	47.76	7.25	55.01	88.20	-33.19	peak
2	5960.800	94.31	7.33	101.64	130.00	-28.36	peak

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:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



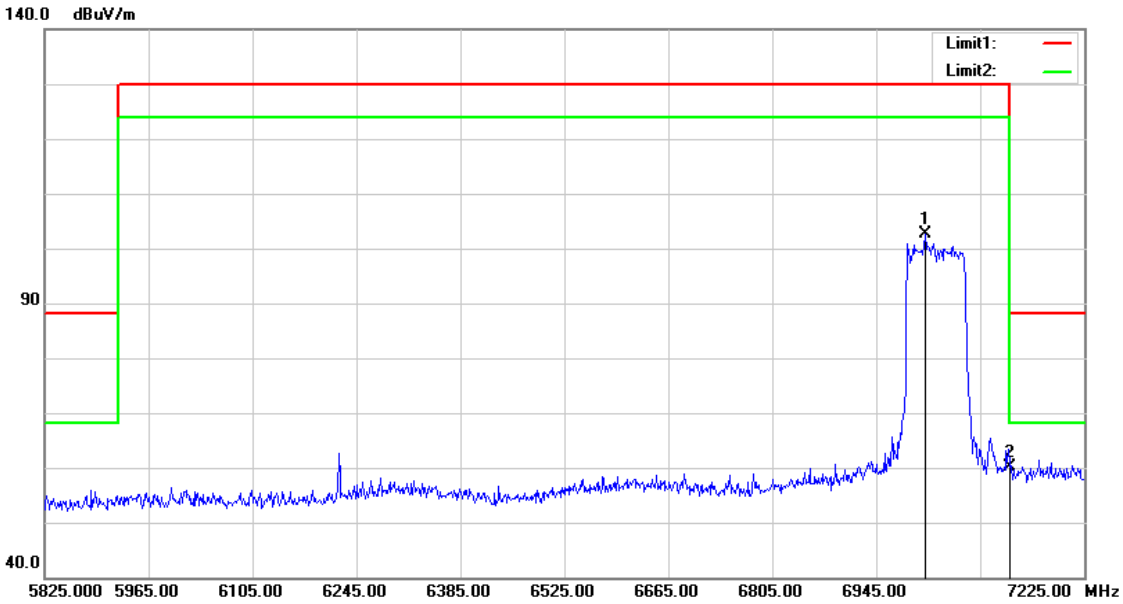
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	46.38	7.25	53.63	88.20	-34.57	peak
2	5960.800	84.56	7.33	91.89	130.00	-38.11	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



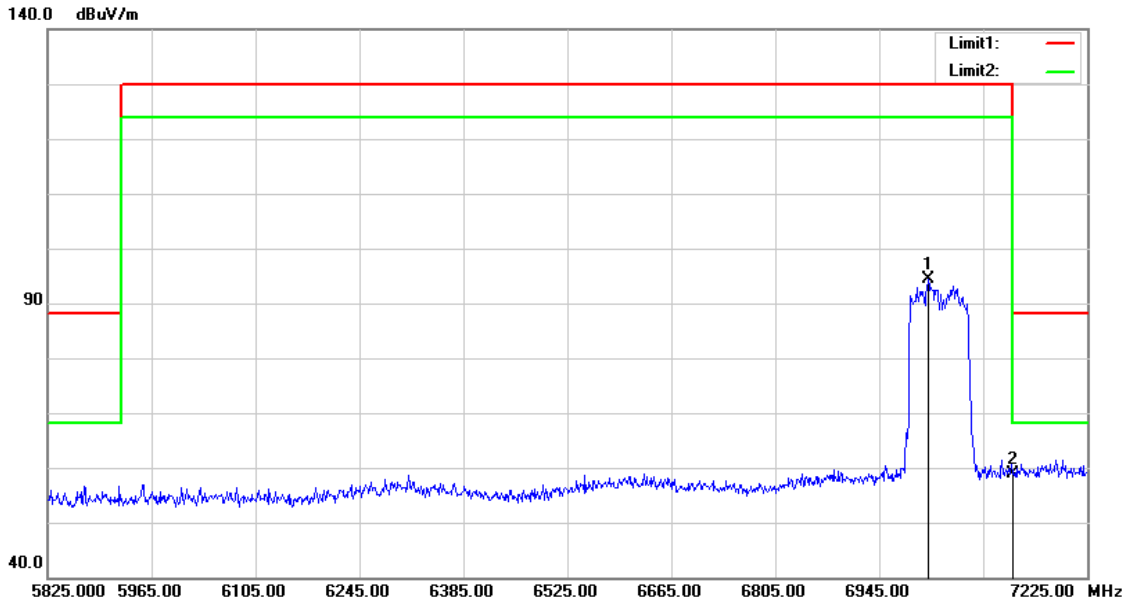
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7010.800	90.96	11.75	102.71	130.00	-27.29	peak
2	7125.000	48.17	12.03	60.20	88.20	-28.00	peak

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:	Band edge		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7010.800	82.62	11.75	94.37	130.00	-35.63	peak
2	7125.000	46.79	12.03	58.82	88.20	-29.38	peak

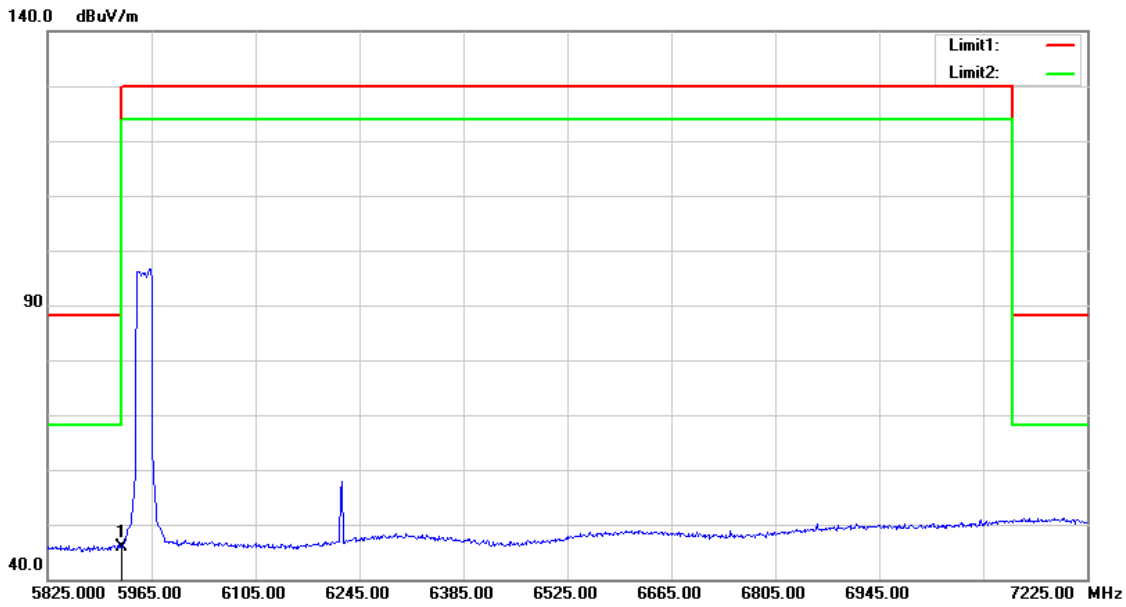
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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

Average

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



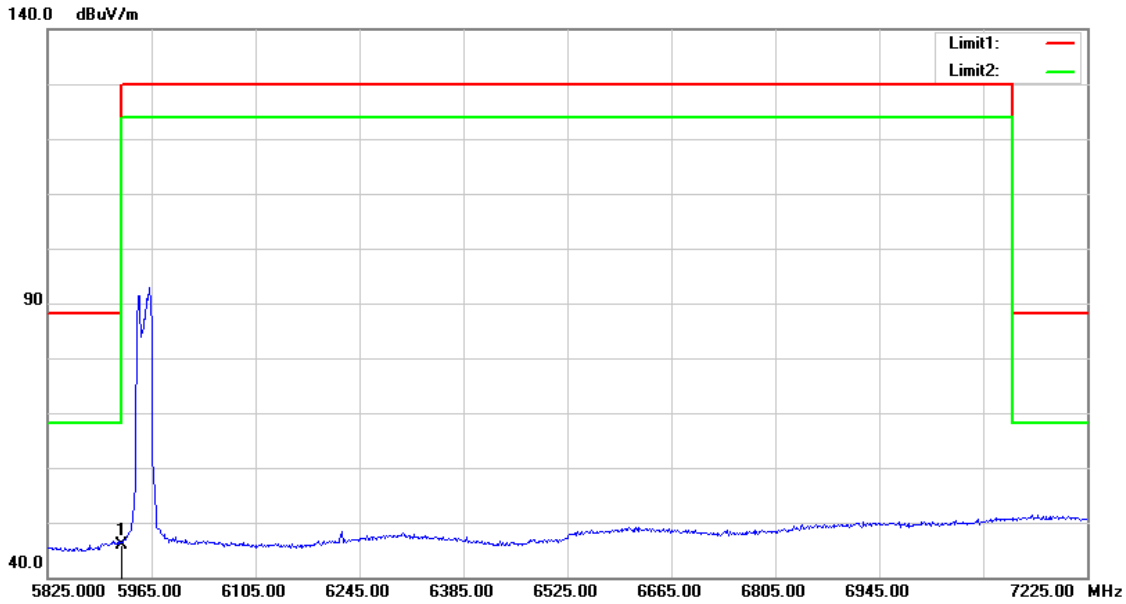
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	38.63	7.25	45.88	68.20	-22.32	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5955 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



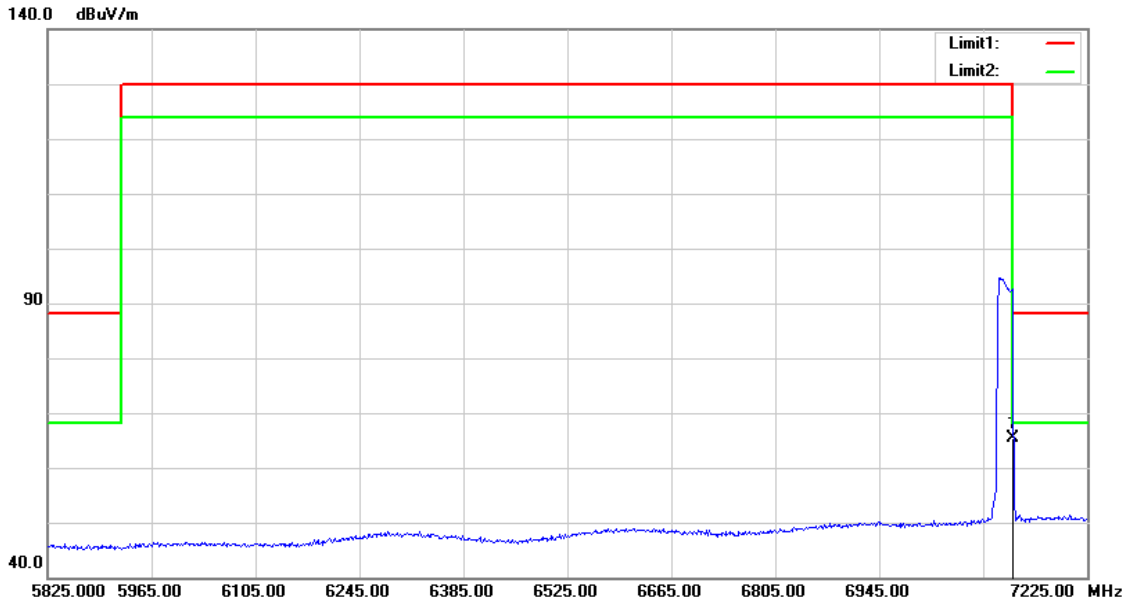
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	38.57	7.25	45.82	68.20	-22.38	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



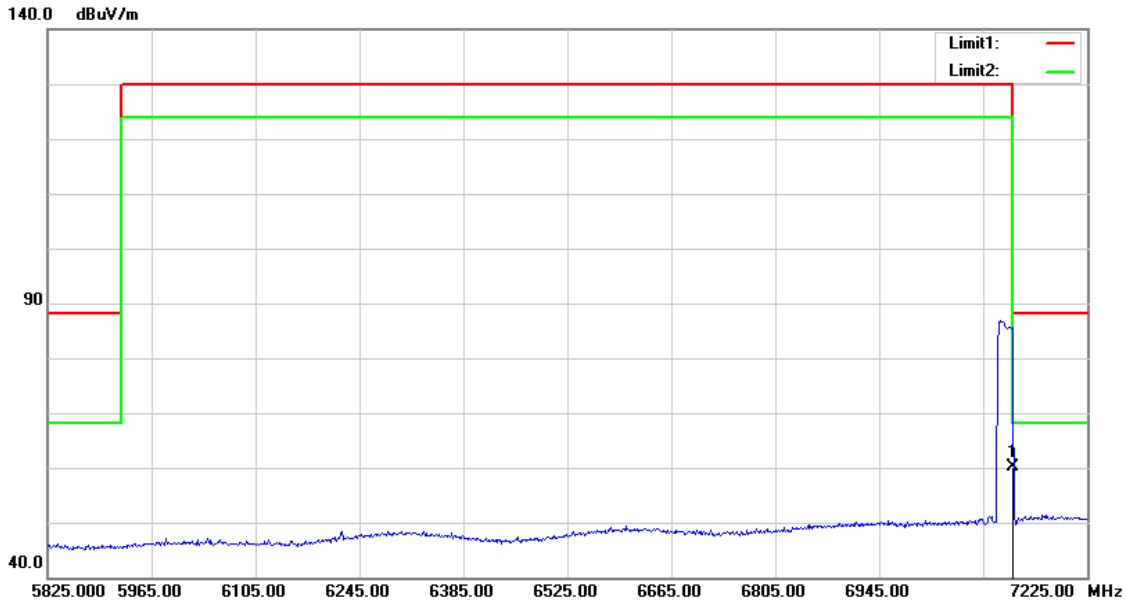
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	53.37	12.03	65.40	68.20	-2.80	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7115 MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		



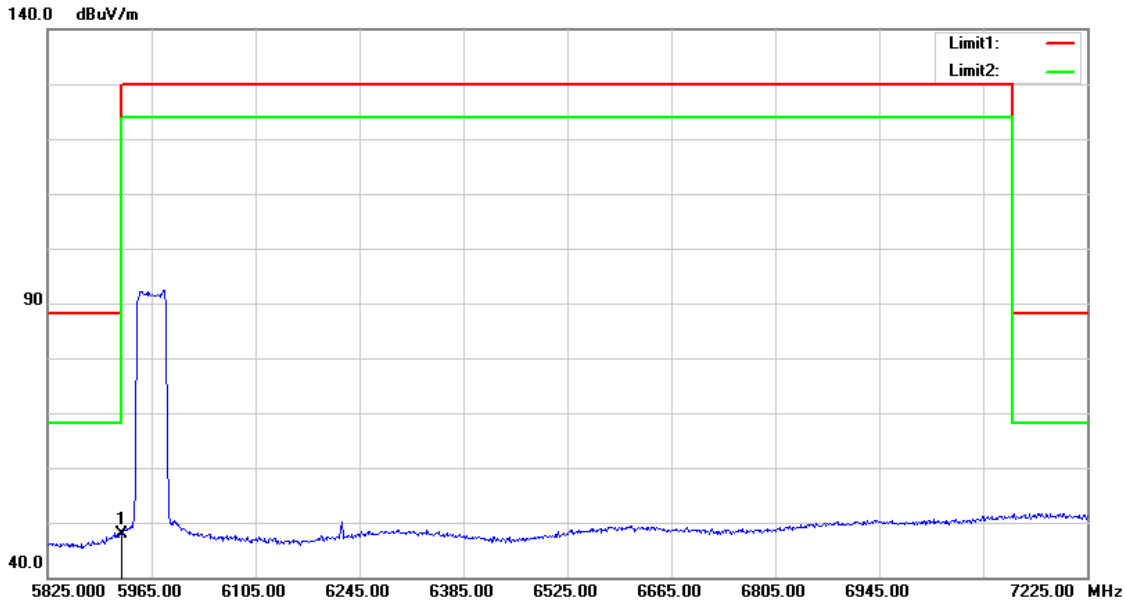
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	48.20	12.03	60.23	68.20	-7.97	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



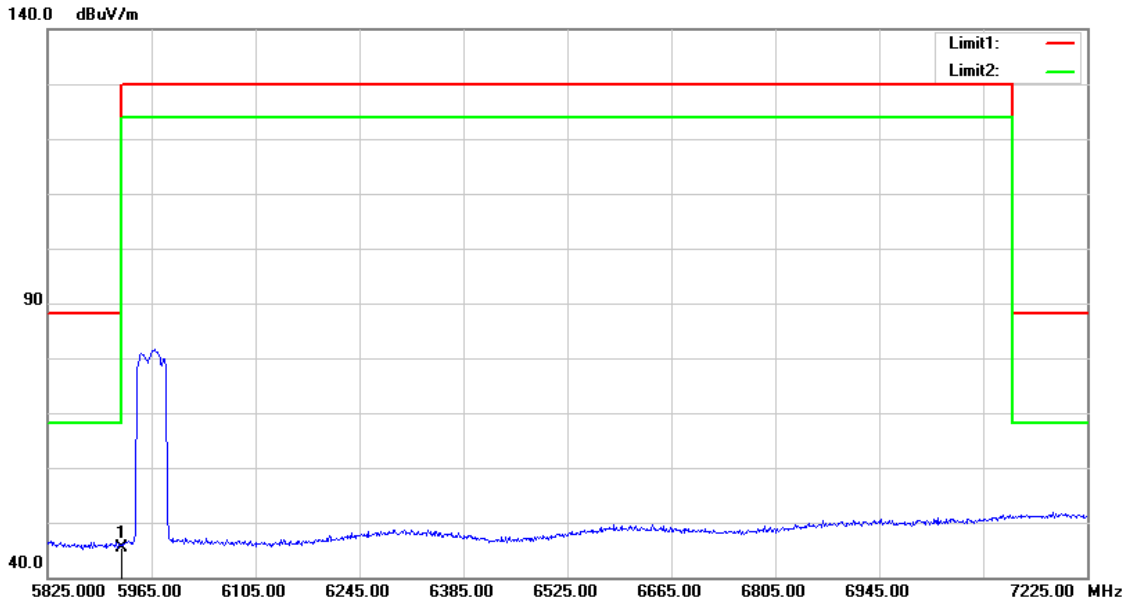
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	40.54	7.25	47.79	68.20	-20.41	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5965 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



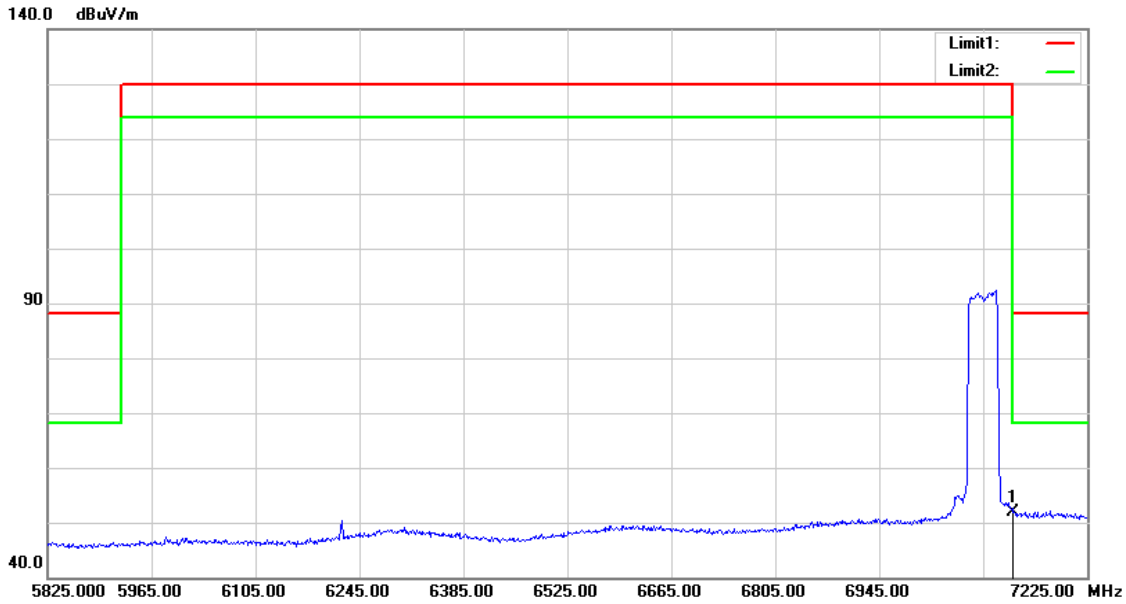
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	38.19	7.25	45.44	68.20	-22.76	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



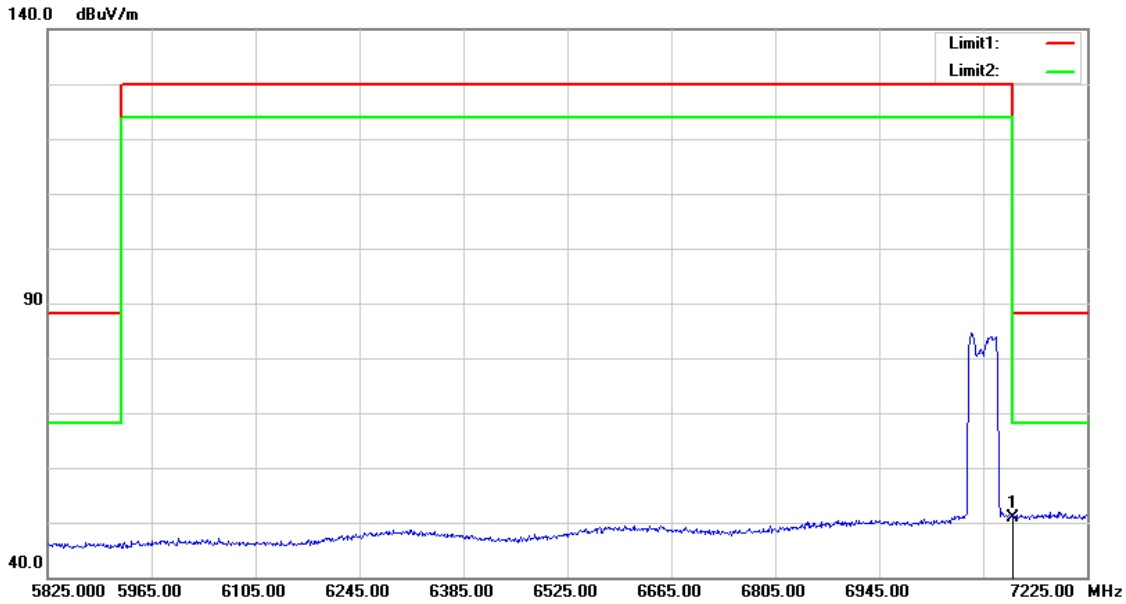
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	39.96	12.03	51.99	68.20	-16.21	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7085 MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



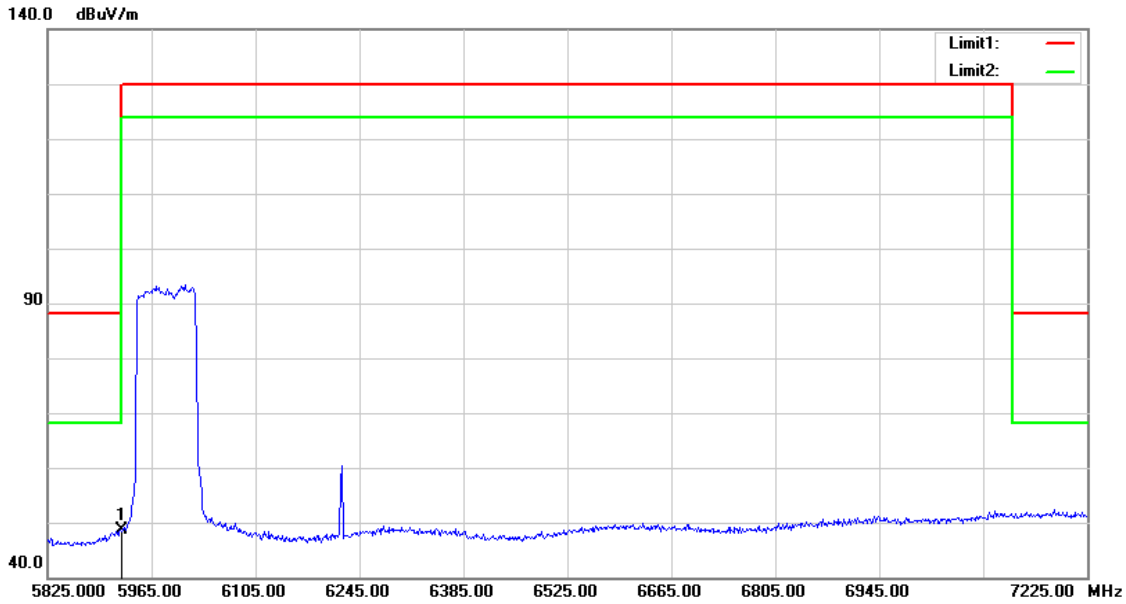
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	38.88	12.03	50.91	68.20	-17.29	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



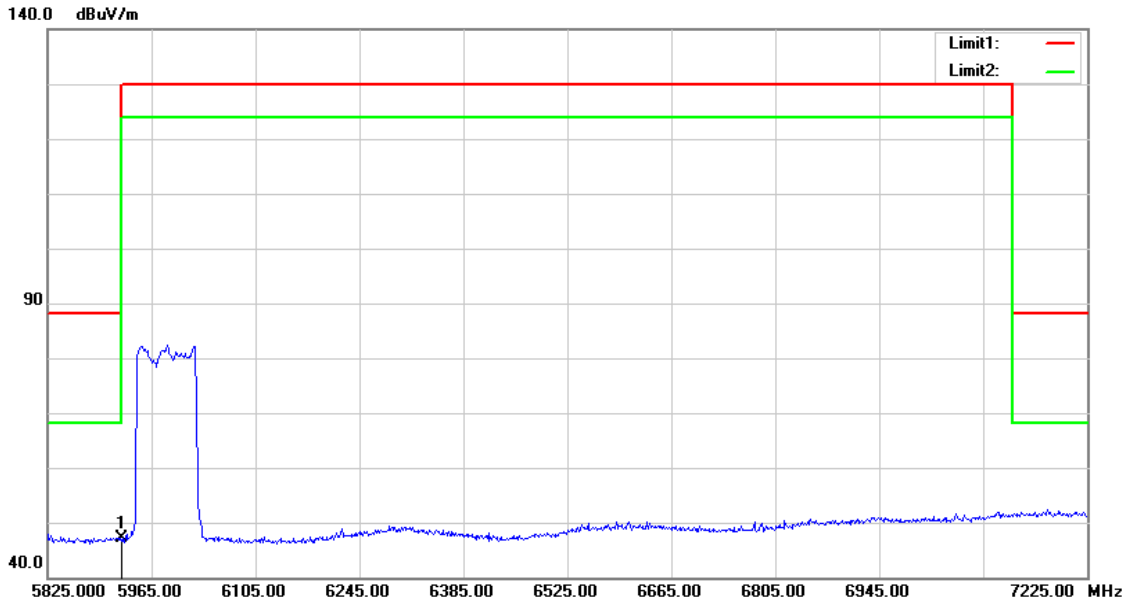
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	41.50	7.25	48.75	68.20	-19.45	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	5985 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



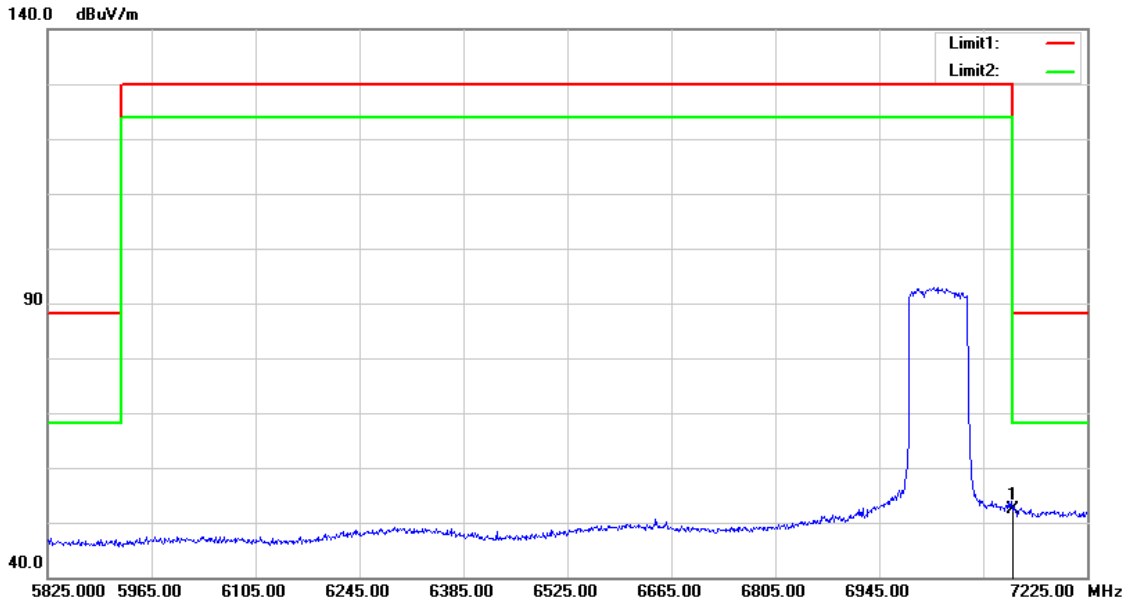
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	39.89	7.25	47.14	68.20	-21.06	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



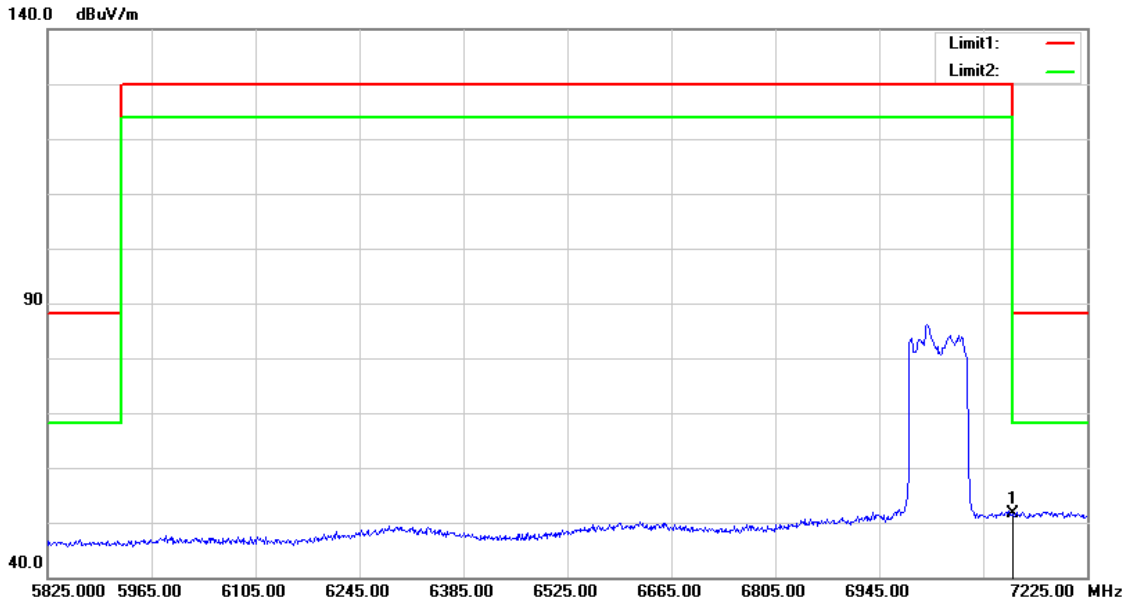
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	40.38	12.03	52.41	68.20	-15.79	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3 m
Test item:	Band edge		
Frequency:	7025 MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	39.64	12.03	51.67	68.20	-16.53	AVG

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

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

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

5.3. Conducted Test Results

5.3.1. Maximum Output Power Measurement

Mode	Band	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	Duty Factor (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Setting
Mode 2	Band 5	1	5955	-31.55	52.07	0.62	21.14	129.94	30.00	14
		45	6175	-34.13	52.49	0.62	18.98	79.07	30.00	15
		93	6415	-31.45	51.43	0.62	20.60	114.88	30.00	18
	Band 6	97	6435	-32.75	52.11	0.62	19.98	99.49	30.00	17
		105	6475	-33.21	52.12	0.62	19.53	89.80	30.00	18
		113	6515	-32.54	52.90	0.62	20.98	125.34	30.00	19
	Band 7	117	6535	-32.60	53.21	0.62	21.23	132.83	30.00	19
		149	6695	-31.30	54.70	0.62	24.02	252.38	30.00	21
		181	6855	-28.68	53.65	0.62	25.59	362.20	30.00	21
	Band 8	185	6875	-29.53	53.77	0.62	24.86	306.04	30.00	20
		209	6995	-30.00	52.57	0.62	23.19	208.27	30.00	16
		233	7115	-40.30	53.13	0.62	13.45	22.12	30.00	1

Mode	Band	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	Duty Factor (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Setting
Mode 3	Band 5	3	5965	-30.82	51.91	1.05	22.14	163.59	30.00	16
		43	6165	-31.44	52.49	1.05	22.10	162.27	30.00	17
		91	6405	-29.84	51.40	1.05	22.61	182.52	30.00	19
	Band 6	99	6445	-31.48	52.28	1.05	21.85	153.07	30.00	18
		107	6485	-31.08	52.26	1.05	22.23	167.01	30.00	19
	Band 7	115	6525	-31.15	53.38	1.05	23.28	212.94	30.00	19
		123	6565	-29.52	53.37	1.05	24.90	308.82	30.00	20
		147	6685	-28.60	54.71	1.05	27.16	519.83	30.00	20
		179	6845	-29.07	53.95	1.05	25.93	392.13	30.00	18
	Band 8	187	6885	-28.51	53.06	1.05	25.60	363.30	30.00	18
		195	6925	-27.23	52.85	1.05	26.67	464.69	30.00	20
		211	7005	-27.06	52.57	1.05	26.56	452.91	30.00	18
		227	7085	-29.22	53.29	1.05	25.12	325.27	30.00	16

Mode	Band	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	Duty Factor (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Setting
Mode 4	Band 5	7	5985	-28.66	51.92	1.78	25.04	318.92	30.00	19
		39	6145	-29.87	52.48	1.78	24.39	275.00	30.00	19
		87	6385	-27.82	51.10	1.78	25.06	320.47	30.00	22
	Band 6	103	6465	-29.23	52.28	1.78	24.83	304.29	30.00	22
		119	6545	-28.56	53.16	1.78	26.38	434.72	30.00	22
	Band 7	135	6625	-28.86	54.56	1.78	27.48	559.13	30.00	22
		151	6705	-28.81	54.71	1.78	27.68	586.30	30.00	22
		167	6785	-27.96	53.64	1.78	27.46	556.87	30.00	22
	Band 8	183	6865	-27.28	53.69	1.78	28.19	659.18	30.00	22
		199	6945	-26.74	52.85	1.78	27.89	615.88	30.00	22
		215	7025	-27.59	53.23	1.78	27.42	552.09	30.00	20

Mode	Band	Channel	RU	RU Number	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	Duty Factor (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Setting
Mode 2	Band 5	1	26	1	5955	-34.86	52.07	0.62	17.83	60.73	30.00	14
		45	26	1	6175	-37.80	52.49	0.62	15.31	33.94	30.00	15
		93	26	9	6415	-38.22	51.43	0.62	13.83	24.13	30.00	18
	Band 6	97	26	1	6435	-38.38	52.11	0.62	14.35	27.21	30.00	17
		105	26	1	6475	-40.07	52.12	0.62	12.67	18.51	30.00	18
		113	26	9	6515	-40.28	52.90	0.62	13.24	21.11	30.00	19
	Band 7	117	26	1	6535	-40.20	53.21	0.62	13.63	23.08	30.00	19
		149	26	1	6695	-40.93	54.70	0.62	14.39	27.47	30.00	21
		181	26	1	6855	-36.07	53.65	0.62	18.20	66.13	30.00	21
	Band 8	185	26	9	6875	-36.06	53.77	0.62	18.33	68.07	30.00	20
		209	26	1	6995	-34.81	52.57	0.62	18.38	68.86	30.00	16
		233	26	9	7115	-36.64	53.13	0.62	17.11	51.38	30.00	1

Mode	Band	Channel	RU	RU Number	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	Duty Factor (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Setting
Mode 3	Band 5	3	26	1	5965	-38.75	51.91	1.05	14.21	26.34	30.00	16
		43	26	1	6165	-40.02	52.49	1.05	13.52	22.48	30.00	17
		91	26	18	6405	-39.91	51.40	1.05	12.54	17.94	30.00	19
	Band 6	99	26	1	6445	-40.97	52.28	1.05	12.36	17.22	30.00	18
		107	26	1	6485	-41.87	52.26	1.05	11.44	13.93	30.00	19
	Band 7	115	26	18	6525	-41.79	53.38	1.05	12.64	18.36	30.00	19
		123	26	1	6565	-41.39	53.37	1.05	13.03	20.10	30.00	20
		147	26	1	6685	-40.20	54.71	1.05	15.56	35.95	30.00	20
		179	26	18	6845	-38.02	53.95	1.05	16.98	49.84	30.00	18
	Band 8	187	26	1	6885	-37.69	53.06	1.05	16.42	43.90	30.00	18
		195	26	1	6925	-37.49	52.85	1.05	16.41	43.78	30.00	20
		211	26	1	7005	-36.25	52.57	1.05	17.37	54.56	30.00	18
		227	26	18	7085	-36.67	53.29	1.05	17.67	58.48	30.00	16

Mode	Band	Channel	RU	RU Number	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	Duty Factor (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Setting
Mode 4	Band 5	7	26	1	5985	-39.30	51.92	1.78	14.40	27.53	30.00	19
		39	26	1	6145	-40.28	52.48	1.78	13.98	25.01	30.00	19
		87	26	37	6385	-40.82	51.10	1.78	12.06	16.08	30.00	22
	Band 6	103	26	1	6465	-42.52	52.28	1.78	11.54	14.24	30.00	22
		119	26	37	6545	-41.62	53.16	1.78	13.32	21.49	30.00	23
	Band 7	135	26	1	6625	-41.70	54.56	1.78	14.64	29.10	30.00	22
		151	26	1	6705	-41.82	54.71	1.78	14.67	29.32	30.00	22
		167	26	37	6785	-41.05	53.64	1.78	14.37	27.35	30.00	22
	Band 8	183	26	1	6865	-40.22	53.69	1.78	15.25	33.47	30.00	22
		199	26	1	6945	-39.10	52.85	1.78	15.53	35.77	30.00	22
		215	26	37	7025	-38.72	53.23	1.78	16.29	42.56	30.00	20

Beamforming on

Mode	Band	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	Duty Factor (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Setting
Mode 2	Band 5	1	5955	-34.16	52.07	0.62	18.53	71.36	30.00	12
		45	6175	-37.59	52.49	0.62	15.52	35.61	30.00	11
		93	6415	-34.61	51.43	0.62	17.44	55.42	30.00	14
	Band 6	97	6435	-35.77	52.11	0.62	16.96	49.70	30.00	13
		105	6475	-36.53	52.12	0.62	16.21	41.78	30.00	14
		113	6515	-35.71	52.90	0.62	17.81	60.43	30.00	15
	Band 7	117	6535	-36.00	53.21	0.62	17.83	60.71	30.00	15
		149	6695	-34.69	54.71	0.62	20.64	115.98	30.00	17
		181	6855	-31.60	53.65	0.62	22.67	184.96	30.00	19
	Band 8	185	6875	-32.39	53.78	0.62	22.01	159.04	30.00	18
		209	6995	-32.86	52.57	0.62	20.33	108.01	30.00	15
		233	7115	-54.51	53.13	0.62	-0.76	0.84	30.00	0

Mode	Band	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	Duty Factor (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Setting
Mode 3	Band 5	3	5965	-33.17	51.91	1.05	19.79	95.37	30.00	13
		43	6165	-34.43	52.49	1.05	19.11	81.50	30.00	13
		91	6405	-32.25	51.40	1.05	20.20	104.83	30.00	15
	Band 6	99	6445	-34.39	52.28	1.05	18.94	78.35	30.00	14
		107	6485	-34.36	52.26	1.05	18.95	78.58	30.00	15
	Band 7	115	6525	-34.10	53.38	1.05	20.33	107.97	30.00	16
		123	6565	-32.48	53.37	1.05	21.94	156.22	30.00	17
		147	6685	-31.31	54.71	1.05	24.45	278.75	30.00	18
		179	6845	-31.97	53.95	1.05	23.03	201.13	30.00	17
	Band 8	187	6885	-31.60	53.06	1.05	22.51	178.11	30.00	17
		195	6925	-29.37	52.85	1.05	24.53	283.75	30.00	19
		211	7005	-29.84	52.57	1.05	23.78	238.91	30.00	17
		227	7085	-31.45	53.29	1.05	22.89	194.61	30.00	15

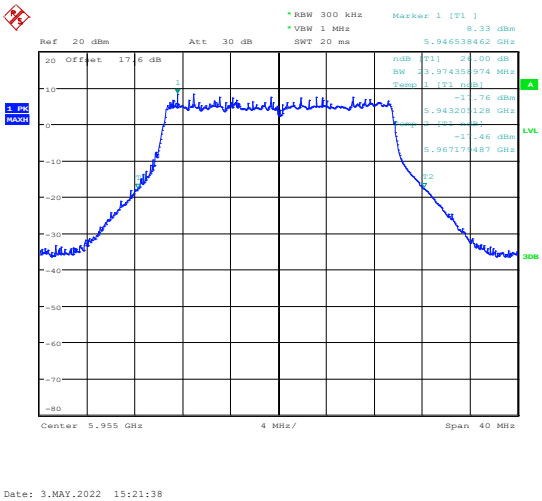
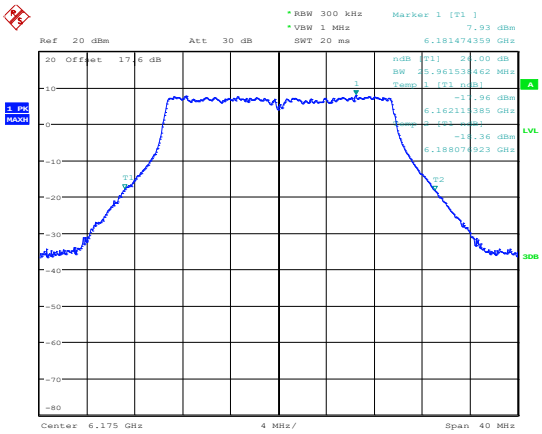
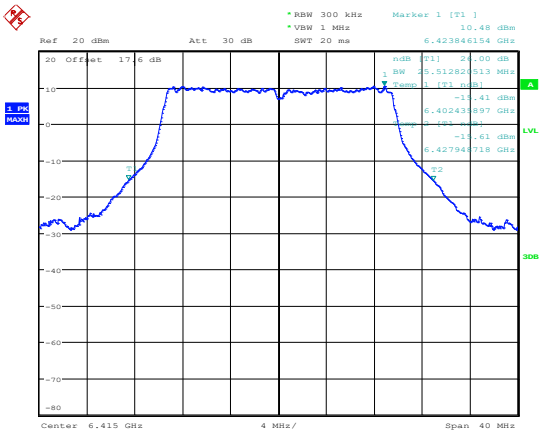
Mode	Band	Channel	Frequency (MHz)	Reading (dBm)	Correction Factor (dB)	Duty Factor (dB)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Setting
Mode 4	Band 5	7	5985	-31.62	51.92	1.78	22.08	161.51	30.00	16
		39	6145	-32.91	52.48	1.78	21.35	136.34	30.00	16
		87	6385	-30.76	51.10	1.78	22.12	163.06	30.00	18
	Band 6	103	6465	-32.24	52.28	1.78	21.82	152.09	30.00	18
		119	6545	-31.09	53.16	1.78	23.85	242.48	30.00	20
	Band 7	135	6625	-31.52	54.56	1.78	24.82	303.49	30.00	20
		151	6705	-31.33	54.71	1.78	25.16	328.03	30.00	20
		167	6785	-30.52	53.64	1.78	24.90	308.92	30.00	20
	Band 8	183	6865	-30.29	53.69	1.78	25.18	329.24	30.00	20
		199	6945	-29.61	52.85	1.78	25.02	317.73	30.00	20
		215	7025	-30.12	53.23	1.78	24.89	308.28	30.00	18

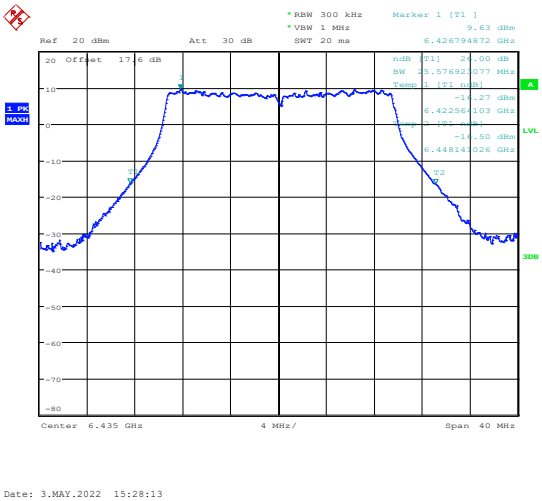
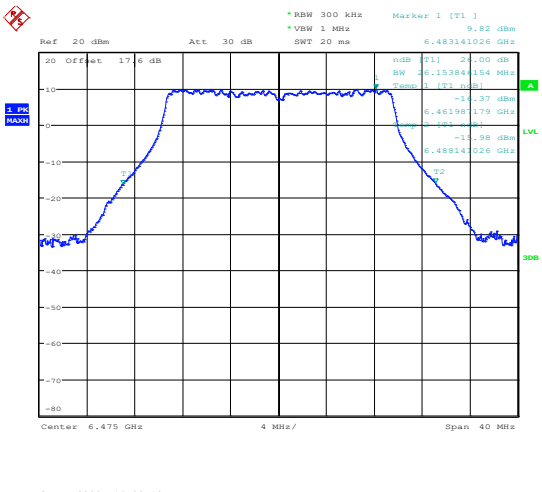
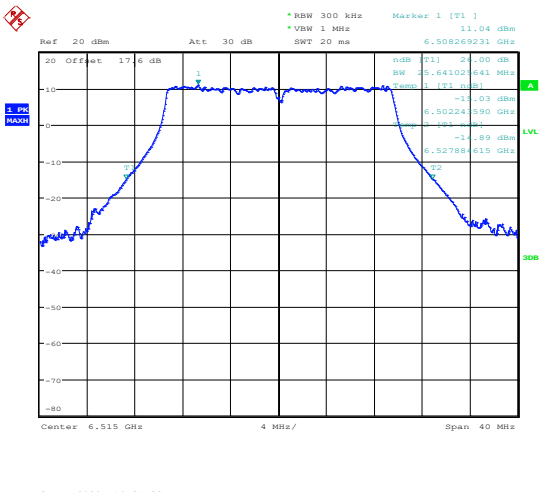
5.3.2. Emission Bandwidth Measurement

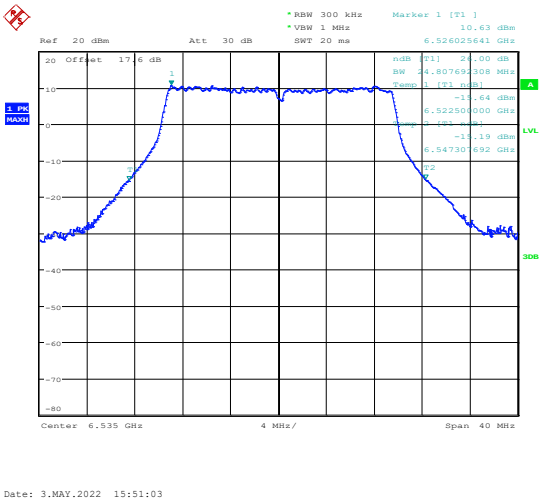
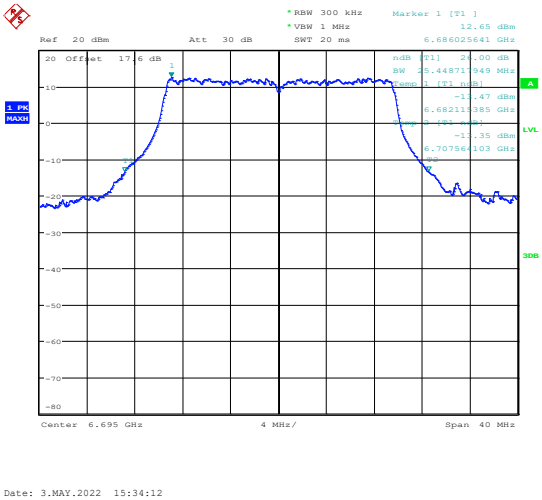
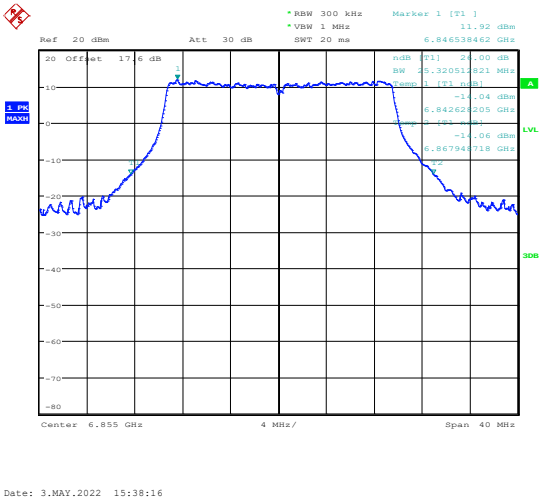
Mode	Channel	Frequency	26dB BW (MHz)
Mode 2	1	5955	23.974
	45	6175	25.962
	93	6415	25.513
	97	6435	25.577
	105	6475	26.154
	113	6515	25.641
	117	6535	24.808
	149	6695	25.449
	181	6855	25.321
	185	6875	12.436
	185	6875	12.949
	189	6895	25.256
	209	6995	25.321
	233	7115	25.769
Mode 3	3	5965	43.846
	43	6165	43.462
	91	6405	43.333
	99	6445	43.205
	107	6485	42.949
	115	6525	21.795
	115	6525	21.282
	123	6565	43.590
	147	6685	42.821
	179	6845	43.077
	187	6885	11.538
	187	6885	31.923
	195	6925	43.462
	211	7005	43.077
	227	7085	43.462
Mode 4	7	5985	86.923
	39	6145	87.179
	87	6385	88.974
	103	6465	87.949
	119	6545	23.590
	119	6545	62.821
	135	6625	86.410
	151	6705	87.436
	167	6785	88.974
	183	6865	55.641
	183	6865	36.667
	199	6945	89.744
	215	7025	89.231

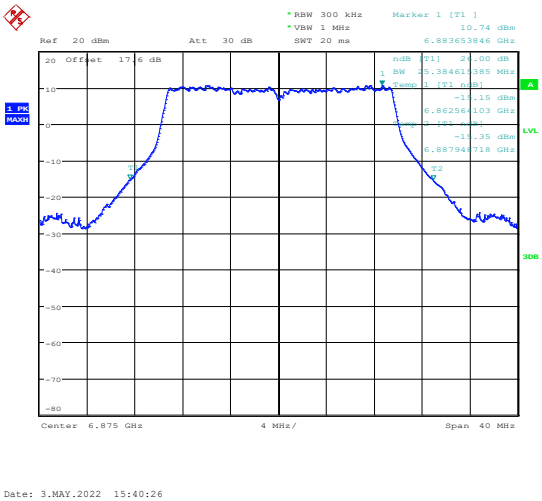
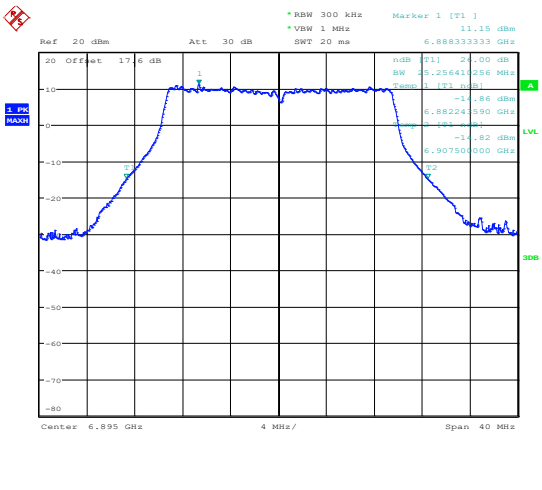
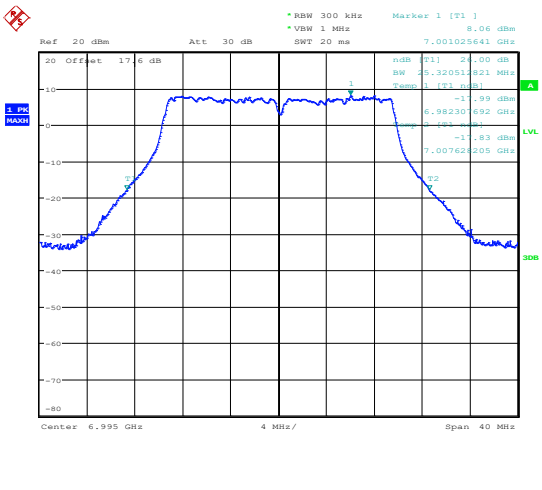
■ **Test Graphs**

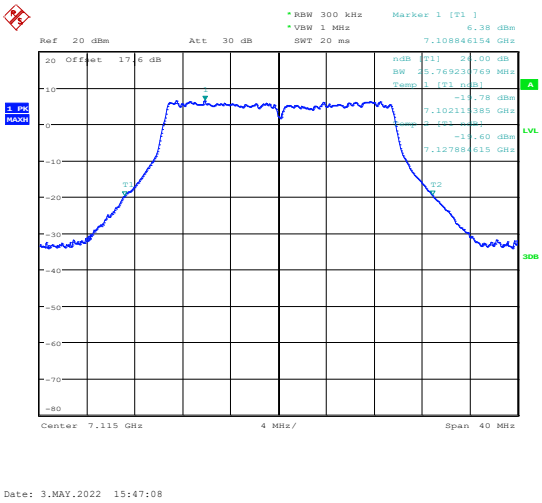
26 dB BW

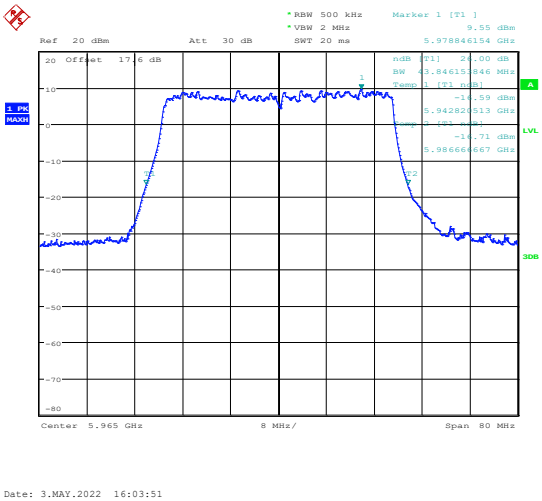
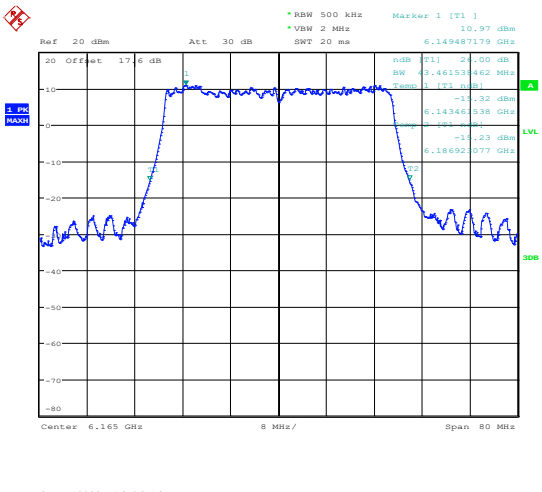
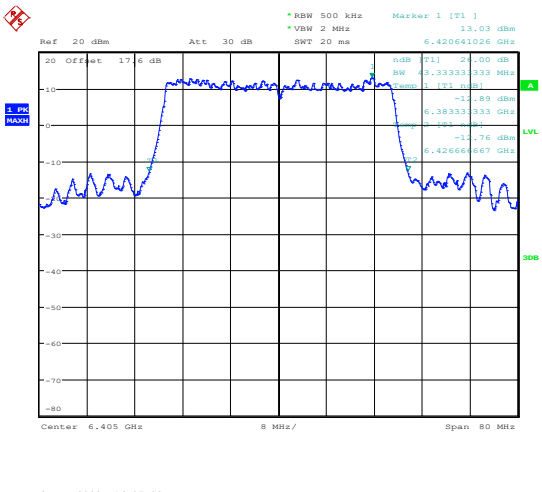
Mode 2: IEEE 802.11ax 20 MHz Continuous TX mode	
5955 MHz	
6175 MHz	
6415 MHz	

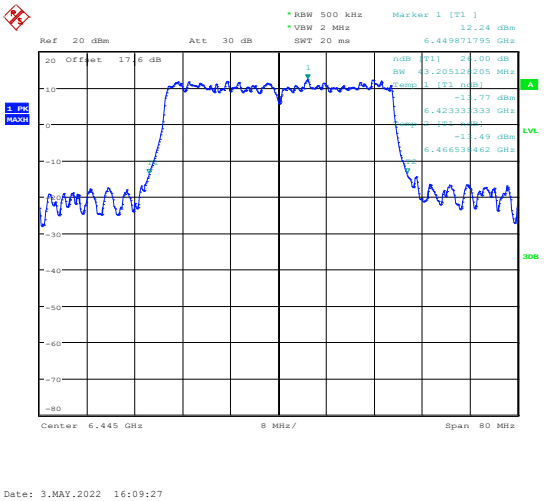
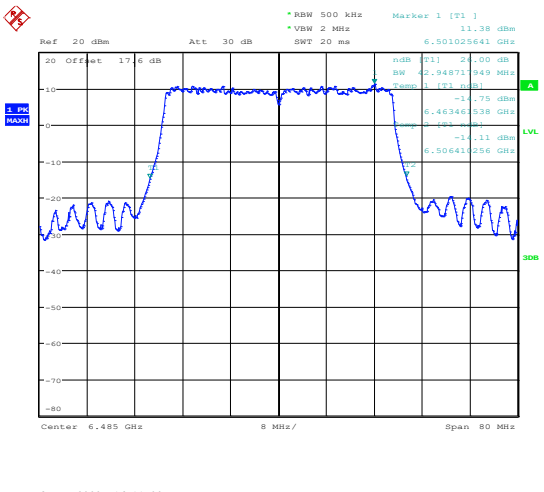
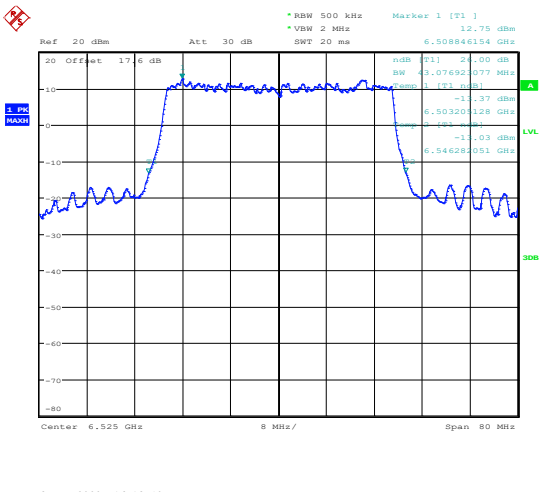
Mode 2: IEEE 802.11ax 20 MHz Continuous TX mode	
6435 MHz	
6475 MHz	
6515 MHz	

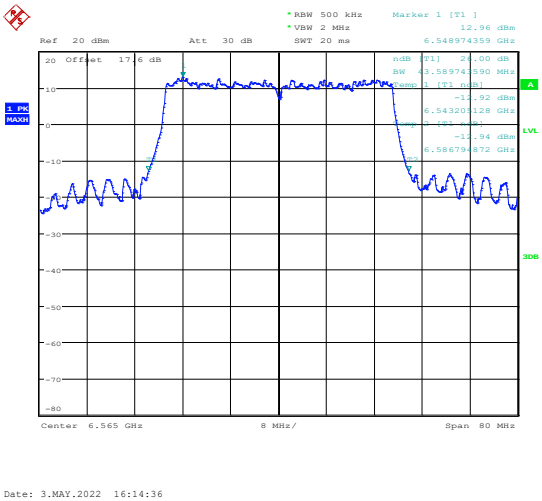
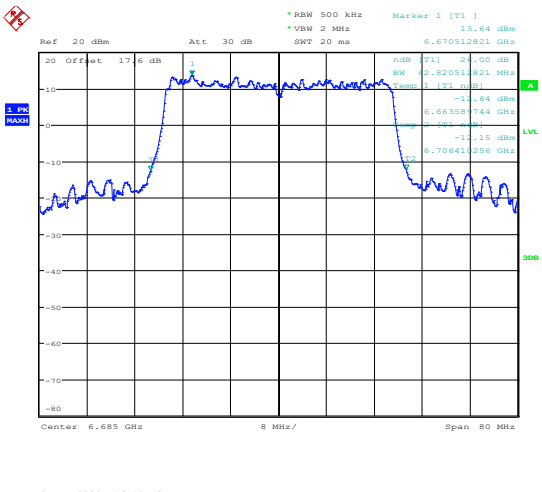
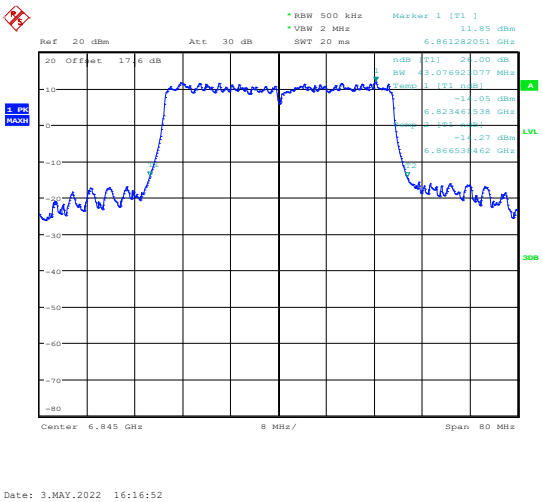
Mode 2: IEEE 802.11ax 20 MHz Continuous TX mode	
6535 MHz	
6695 MHz	
6855 MHz	

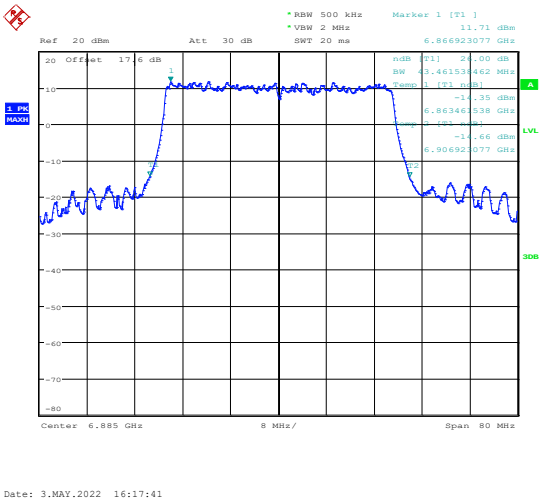
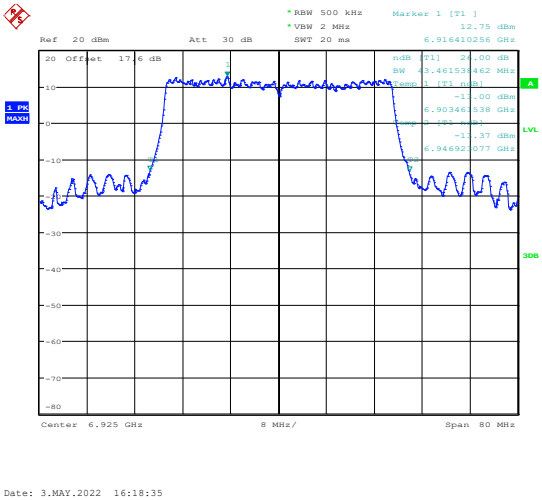
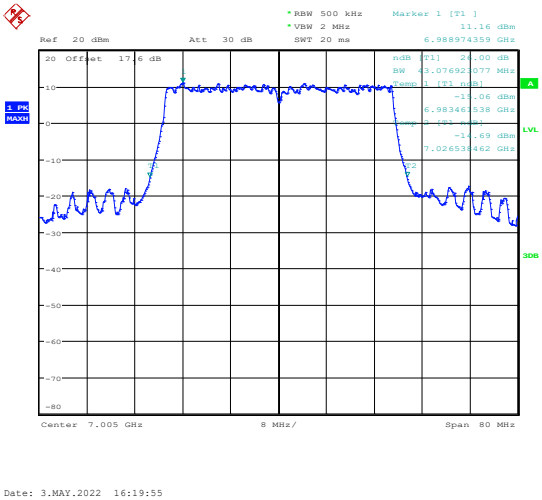
Mode 2: IEEE 802.11ax 20 MHz Continuous TX mode	
6875 MHz	
6895 MHz	
6995 MHz	

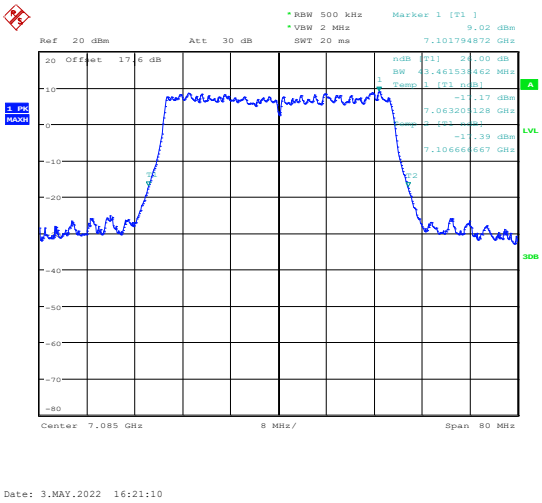
Mode 2: IEEE 802.11ax 20 MHz Continuous TX mode	
7115 MHz	

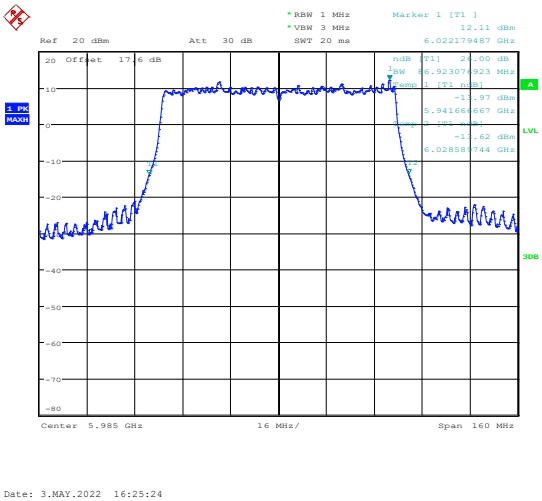
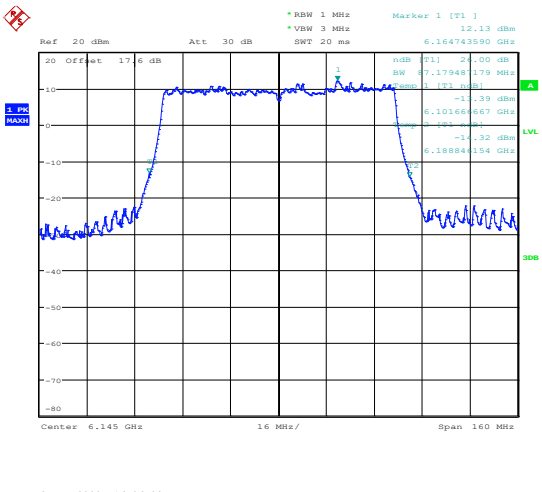
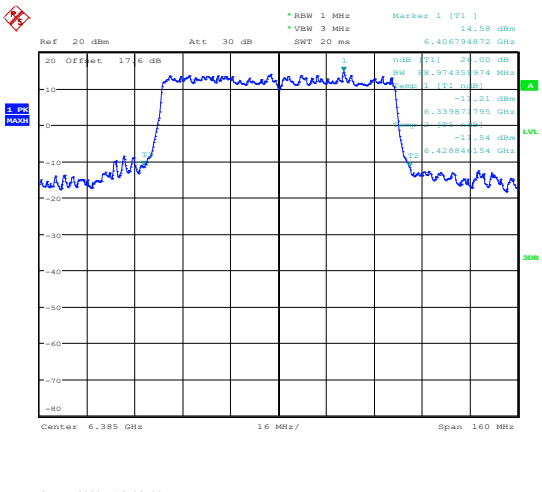
Mode 3: IEEE 802.11ax 40 MHz Continuous TX mode	
5965 MHz	
6165 MHz	
6405 MHz	

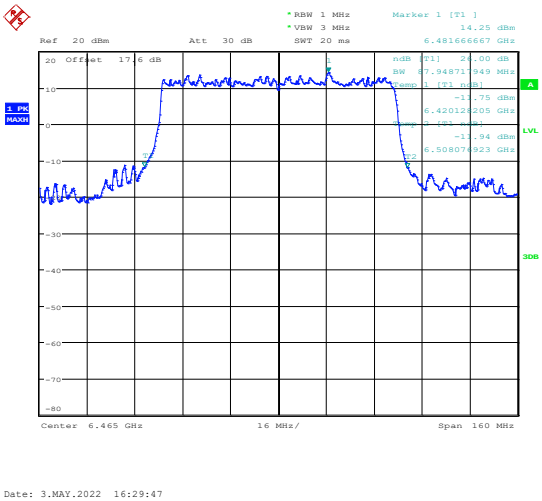
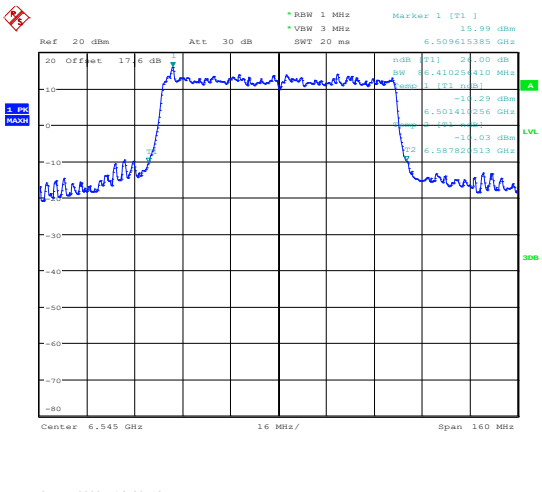
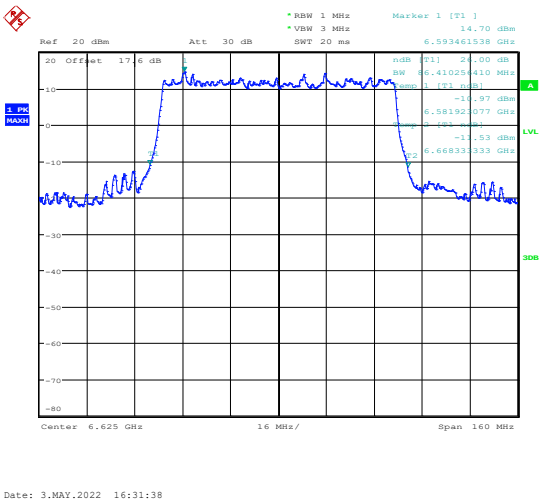
Mode 3: IEEE 802.11ax 40 MHz Continuous TX mode	
6445 MHz	
6485 MHz	
6525 MHz	

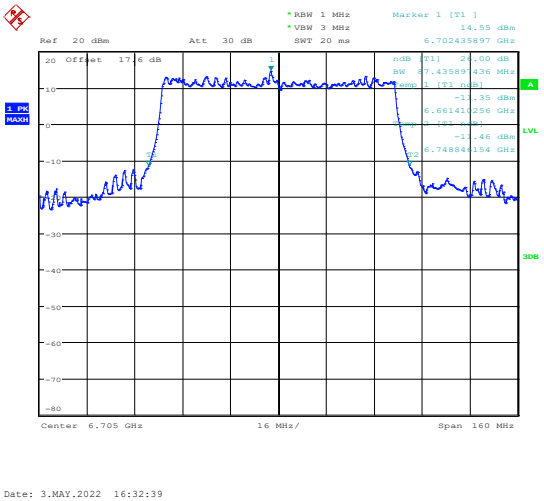
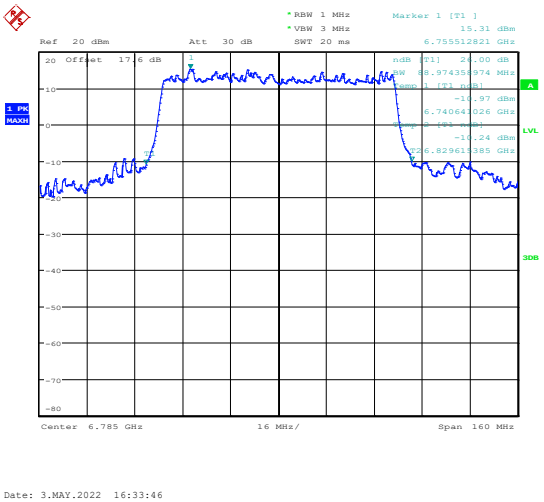
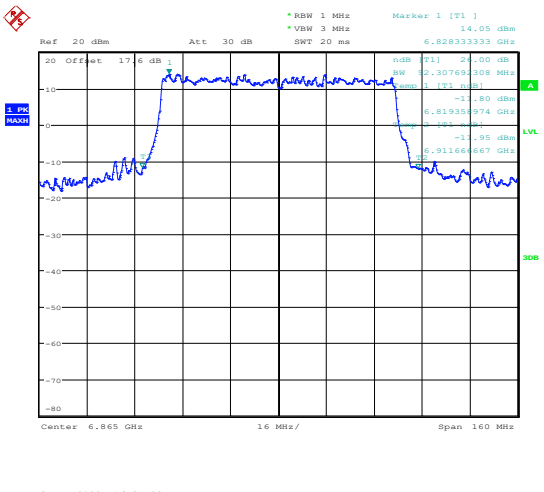
Mode 3: IEEE 802.11ax 40 MHz Continuous TX mode	
6565 MHz	
6685 MHz	
6845 MHz	

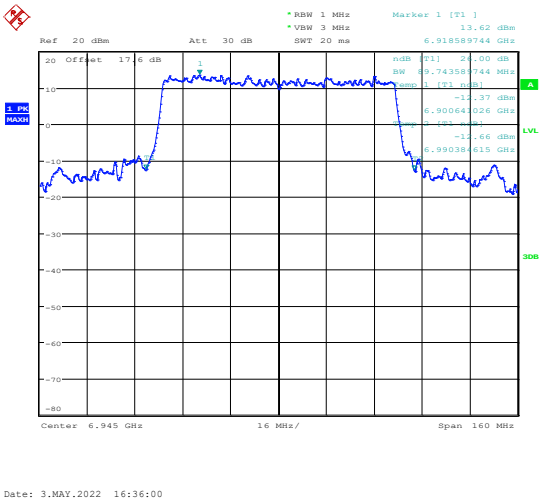
Mode 3: IEEE 802.11ax 40 MHz Continuous TX mode	
6885 MHz	
6925 MHz	
7005 MHz	

Mode 3: IEEE 802.11ax 40 MHz Continuous TX mode	
7085 MHz	

Mode 4: IEEE 802.11ax 80 MHz Continuous TX mode	
5985 MHz	
6145 MHz	
6385 MHz	

Mode 4: IEEE 802.11ax 80 MHz Continuous TX mode	
6465 MHz	
6545 MHz	
6625 MHz	

Mode 4: IEEE 802.11ax 80 MHz Continuous TX mode	
6705 MHz	
6785 MHz	
6865 MHz	

Mode 4: IEEE 802.11ax 80 MHz Continuous TX mode	
6945 MHz	
7025 MHz