

RF Test Report

Applicant : Edimax Technology Co., Ltd.

Product Type : 11ac 2T2R Wireless Dual-Band USB Adapter

Trade Name : EDIMAX

Model Number : EW-7822UAC V2.0A, EW-7822UAD

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

Received Date : Aug. 06, 2020

Test Period : Aug. 14 ~ Oct. 15, 2020

Issued Date : Nov. 09, 2020

Issued by

A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330
Frequency Range : 9 kHz to 40 GHz
Test Firm MRA designation number: TW0010

Note:

- 1.The test results are valid only for samples provided by customers and under the test conditions described in this report.
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- 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	Nov. 02, 2020	Initial Issue	Snow Wang
01	Nov. 09, 2020	Update chapter 4.2 (P.21/P.24) Update Test Results (P.247/P.249/P.251/P.252/P.254/P.256)	Snow Wang

Verification of Compliance

Applicant : Edimax Technology Co., Ltd.
Product Type : 11ac 2T2R Wireless Dual-Band USB Adapter
Trade Name : EDIMAX
Model Number : EW-7822UAC V2.0A, EW-7822UAD
FCC ID : NDD9578222003
EUT Rated Voltage : DC 5 V, 900 mA
Test Voltage : 120 Vac / 60 Hz
Applicable Standard : FCC 47 CFR PART 15 SUBPART E
ANSI C63.10:2013

Test Result : Complied

Performing Lab. : A Test Lab Techno Corp.
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Taiwan Accreditation Foundation accreditation number: 1330
<http://www.atl-lab.com.tw/e-index.htm>

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

Approved By

: Ken Yang

(Manager)

(Ken Yang)

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1 General Information

1.1. Summary of Test Result

Standard	Item	Result	Remark
15.407(b)(6) 15.207	AC Power Conducted Emission	PASS	---
15.407(b) 15.205 / 15.209	Transmitter Radiated Emissions	PASS	---
15.407(a)	Maximum Conducted Output Power	PASS	---
15.407(a)	26 dB RF Bandwidth & 99 % Occupied Bandwidth	Reference	---
15.407(e)	6 dB RF Bandwidth	PASS	----
15.407(a)	Maximum Power Spectral Density	PASS	---
15.407(c)	Automatically discontinue transmission	PASS	---
15.407(a) 15.203	Antenna Requirement	PASS	---

Decision Rule

- ☒ Uncertainty is not included.
- ☐ Uncertainty is included.

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

1.2. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty (dB)
Conducted Emission	150 kHz ~ 30 MHz	2.68
Radiated Emission	9 kHz ~ 30 MHz	2.14
	30 MHz ~ 1000 MHz	4.99
	1000 MHz ~ 18000 MHz	4.99
	18000 MHz ~ 26500 MHz	4.23
	26500 MHz ~ 40000 MHz	4.39
Conducted Output Power		0.92 dB
RF Bandwidth		4.79 %
Power Spectral Density		0.92 dB
Frequency Stability		4.1×10^{-8}
Duty Cycle		1.06 %
Time Occupancy		1.40 %

2 EUT Description

Applicant	Edimax Technology Co., Ltd. No.278, Xinhua 1st Rd., Neihu Dist., Taipei City, Taiwan				
Manufacturer	Edimax Technology Co., Ltd. No.278, Xinhua 1st Rd., Neihu Dist., Taipei City, Taiwan				
Product Type	11ac 2T2R Wireless Dual-Band USB Adapter				
Trade Name	EDIMAX				
Model Number	EW-7822UAC V2.0A, EW-7822UAD				
Difference description of model number	Difference is due to selling region.				
FCC ID	NDD9578222003				
Operate Frequency	Frequency Band			Frequency Range (MHz)	Number of Channels
	IEEE 802.11a	U-NII Band I		5180 – 5240	4
		U-NII Band III		5745 – 5825	5
	IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz	U-NII Band I		5180 – 5240	4
		U-NII Band III		5745 – 5825	5
	IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz	U-NII Band I		5190 – 5230	2
		U-NII Band III		5755 – 5795	2
	IEEE 802.11ac 80 MHz	U-NII Band I		5210	1
U-NII Band III		5775	1		
Modulation Type	OFDM				
Antenna information	Antenna	Model	Type	Max. Gain (dBi)	
	ANT-0	GY121HT632-003	Dipole antenna	Band I	2.80
				Band III	2.54
	ANT-1	GY121HT632-003	Dipole antenna	Band I	2.26
				Band III	4.37
Antenna Delivery	Reference section 3.1				
Operate Temp. Range	0 ~ 40 ℃				



Frequency Band		RF Output Power (W)
IEEE 802.11a	U-NII Band I	0.010
	U-NII Band III	0.010
IEEE 802.11ac 20 MHz	U-NII Band I	0.039
	U-NII Band III	0.019
IEEE 802.11ac 40 MHz	U-NII Band I	0.039
	U-NII Band III	0.019
IEEE 802.11ac 80 MHz	U-NII Band I	0.035
	U-NII Band III	0.021

Beamforming on

Frequency Band		RF Output Power (W)
IEEE 802.11ac 20 MHz	U-NII Band I	0.017
	U-NII Band III	0.009
IEEE 802.11ac 40 MHz	U-NII Band I	0.017
	U-NII Band III	0.009
IEEE 802.11ac 80 MHz	U-NII Band I	0.016
	U-NII Band III	0.010

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

3 Test Methodology

3.1. Mode of Operation

In the test report use EUT model: EW-7822UAC V2.0A to operate testing.

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

Test Mode
Mode 1: Transmit mode
Mode 2: IEEE 802.11a Continuous TX mode
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode

Software used to control the EUT for staying in continuous transmitting mode was programmed.

After verification, all tests were carried out with the worst case test modes.

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

Test Mode	Antenna Delivery	Data Rate (Mbps)	Band	Test Channel
Mode 2	1TX	6	U-NII Band I	36, 40, 48
			U-NII Band III	149, 157, 165
Mode 3	2TX (MIMO/Beamforming on)	14.4	U-NII Band I	36, 40, 48
			U-NII Band III	149, 157, 165
Mode 4	2TX (MIMO/Beamforming on)	30	U-NII Band I	38, 46
			U-NII Band III	151,159
Mode 5	2TX (MIMO/Beamforming on)	58.6	U-NII Band I	42
			U-NII Band III	155

Duty cycle

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 2	5180.0	1.370	1.415	0.968	0.140	0.730
Mode 3	5180.0	1.290	1.330	0.970	0.133	0.775
Mode 4	5190.0	0.645	0.690	0.935	0.293	1.550
Mode 5	5210.0	0.322	0.370	0.870	0.603	3.106

Beamforming on

Test Mode	Frequency (MHz)	on time (ms)	on+off time (ms)	Duty cycle	Duty Factor (dB)	1/T Minimum VBW (kHz)
Mode 3	5180.0	1.290	1.330	0.970	0.133	0.775
Mode 4	5190.0	0.645	0.690	0.935	0.293	1.550
Mode 5	5210.0	0.322	0.370	0.870	0.603	3.106



Duty Cycle Graphs

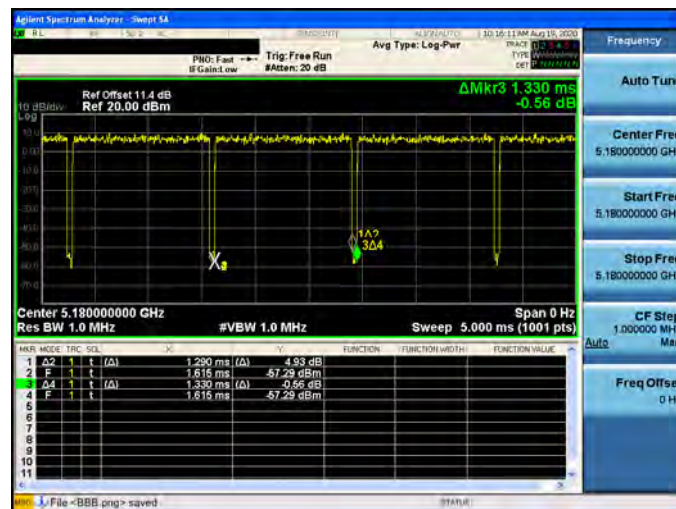
Mode 2: IEEE 802.11a Continuous TX mode

On+off time



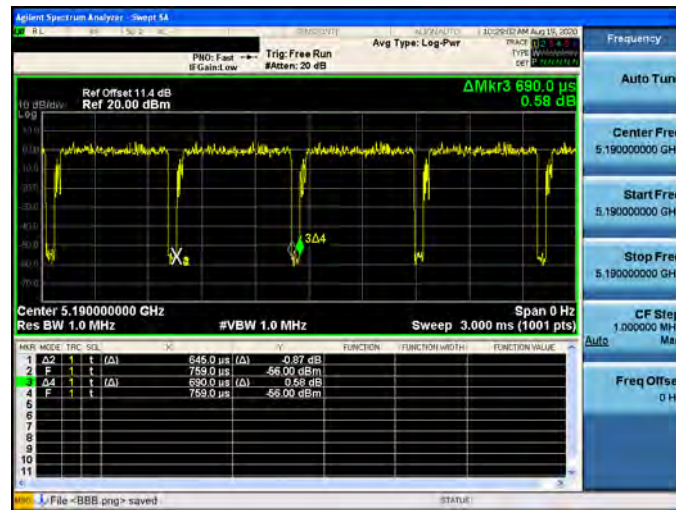
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode

On+off time



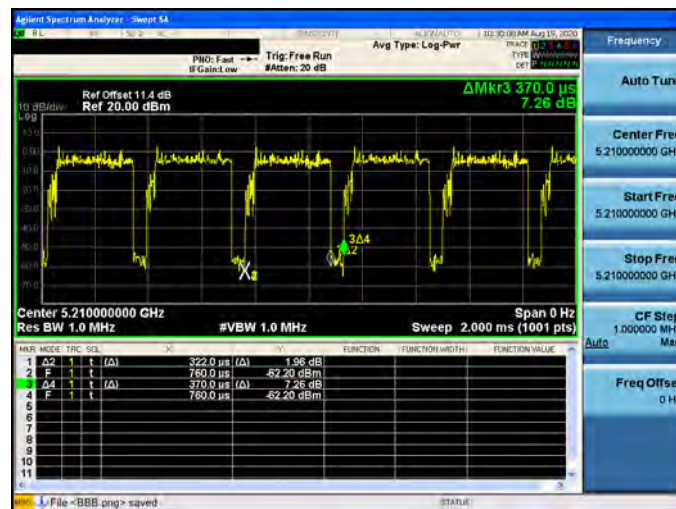
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode

On+off time



Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode

On+off time



Beamforming on

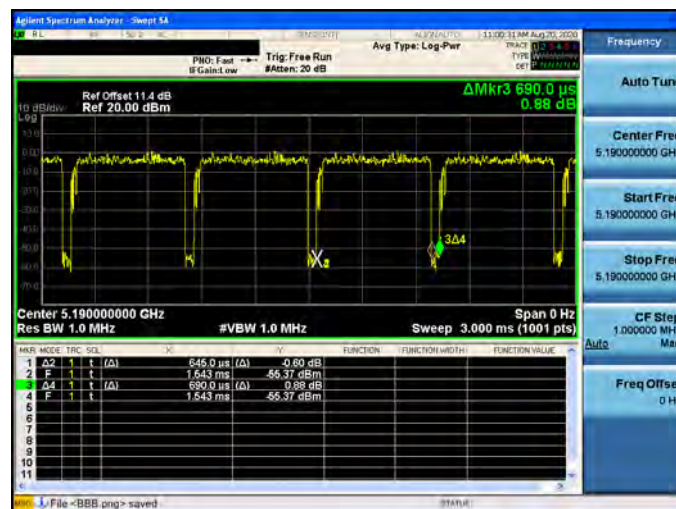
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode

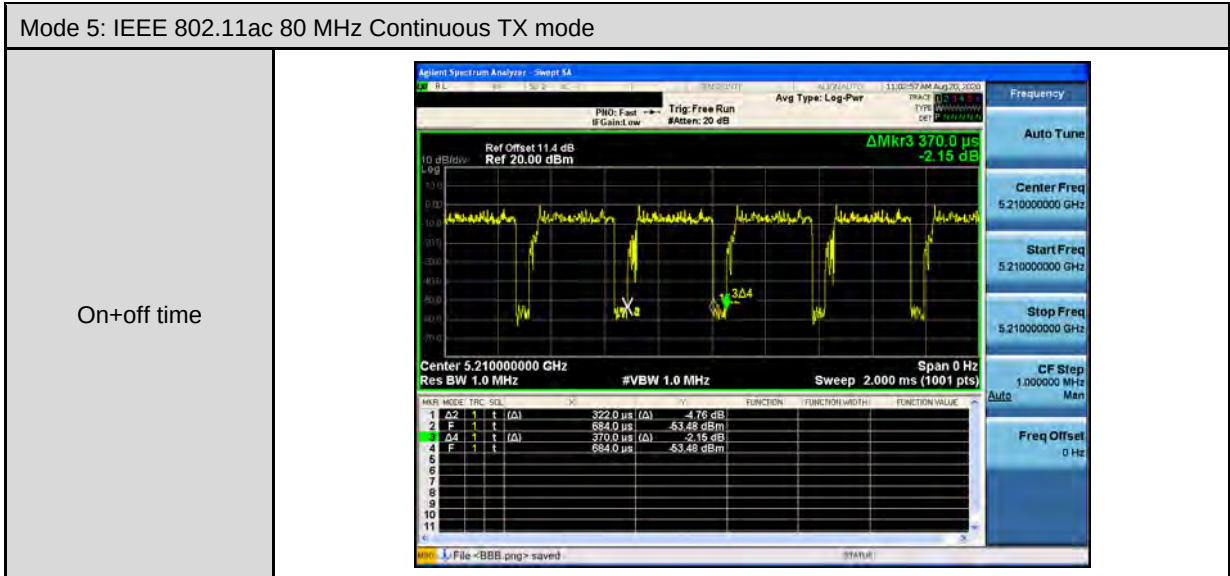
On+off time



Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode

On+off time







3.2. EUT Test Step

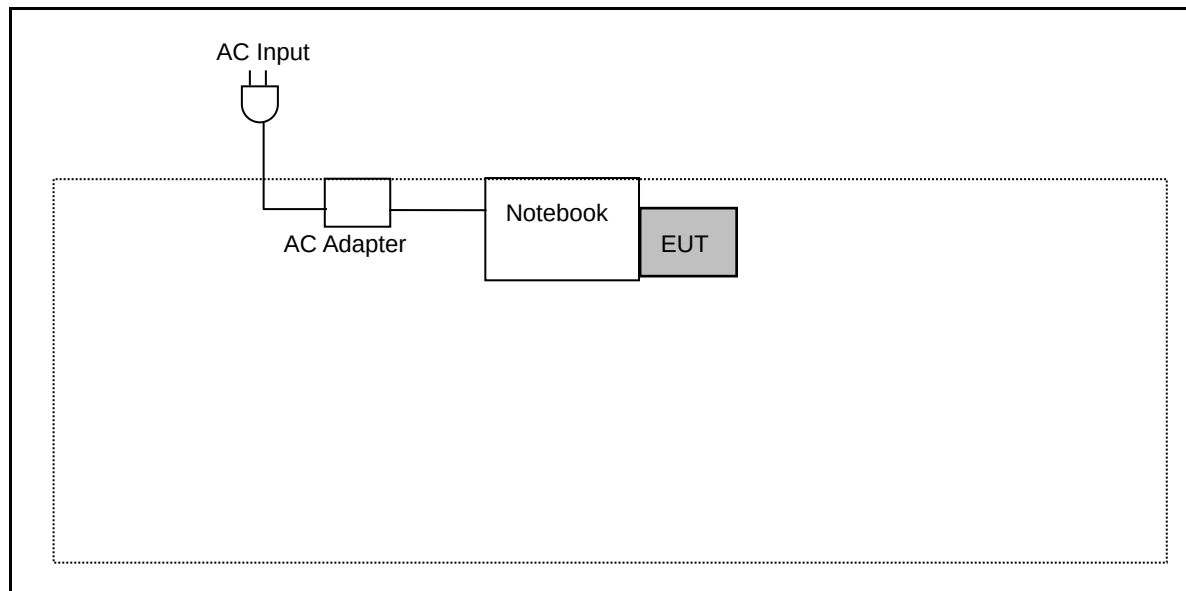
The EUT is operated in the engineering mode to fix the TX frequency for the purposes of measurement. According to its specifications, the EUT must comply with the requirements of Section 15.407 under the FCC Rules Part 15 Subpart E.

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.

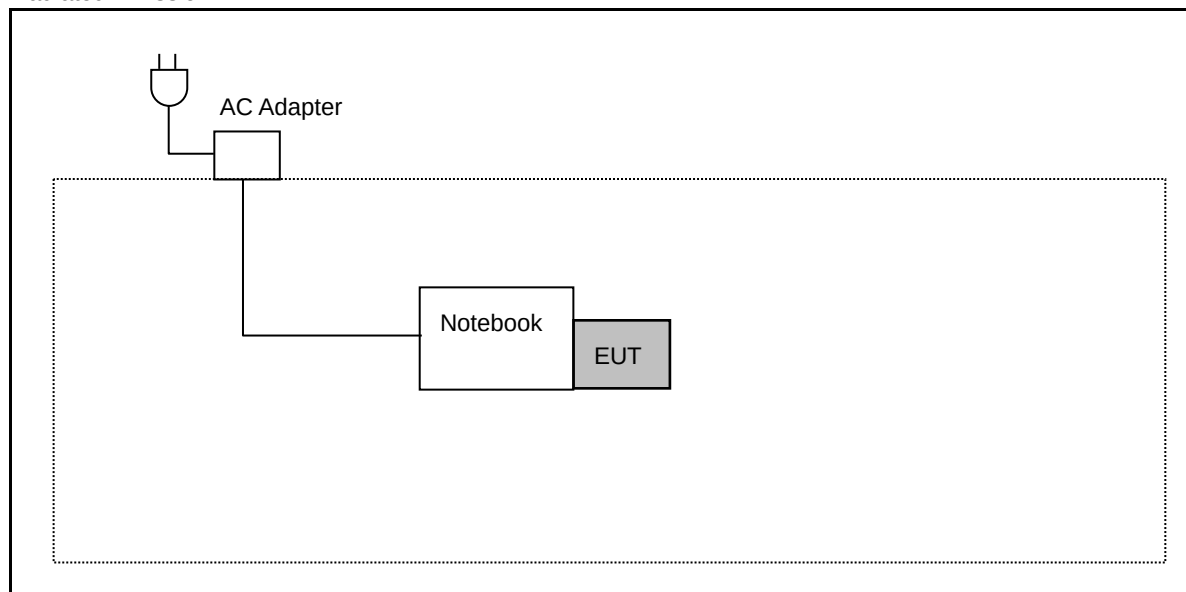
Measurement Software			
No.	Description	Software	Version
1	Conducted Emission	EZ EMC	1.1.4.3
2	Radiated Emission	EZ EMC	1.1.4.4

3.3. Configuration of Test System Details

Conducted Emission



Radiated Emission



Devices Description					
	Product	Manufacturer	Model Number	Serial Number	Power Cord
(1)	Notebook	ASUS	P2430U	GANXCV04H86940A	---
(2)	Ac Adapter	ASUS	ADP-65GD B	---	Non-Shielded, 0.8 m



3.4. Test Instruments

For Conducted Emission

Test Period: Aug. 18, 2020

Testing Engineer: Paul Chiu

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Test Receiver	R&S	ESCI	100367	05/25/2020	1 year
LISN	R&S	ENV216	101040	03/23/2020	1 year
LISN	R&S	ENV216	101041	04/06/2020	1 year
RF Cable	Woken	00100D1380194M	TE-02-03	05/25/2020	1 year

For Radiated Emissions

Test Period: Aug. 14 ~ Oct. 15, 2020

Testing Engineer: JS Liao

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Spectrum Analyzer (2 Hz~50 GHz)	Keysight	N9030B	MY57143537	04/14/2020	1 year
Pre Amplifier (1~26.5 GHz)	Agilent	8449B	3008A02237	10/18/2019	1 year
Pre Amplifier (100 kHz~1.3 GHz)	Agilent	8447D	2944A11119	01/15/2020	1 year
Pre Amplifier (26.5~40 GHz)	EMCI	EMC2654045	980028	08/23/2019 08/24/2020	1 year
Broadband Antenna	Schwarzbeck	VULB9168	01146	07/03/2020	1 year
Horn Antenna (1~18 GHz)	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	02207	06/30/2020	1 year
Horn Antenna (18~40 GHz)	ETS	3116	00086467	12/13/2019	1 year
Coaxial Cable	Titan	T0710AT327A10A 100	J11005	08/13/2020	1 year
Coaxial Cable	Titan	T0710AT327A10A 900	J11004	08/13/2020	1 year
Coaxial Cable	Titan	T0712AT340A12A 900	J11002	08/13/2020	1 year

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



For Conducted

Test Period: Aug. 18 ~ Oct. 13, 2020

Testing Engineer: Peter Shui

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
Power Sensor	Anritsu	MA2411B	1126022	09/02/2019	1 year
				09/01/2020	
Power Meter	Anritsu	ML2495A	1135009	09/02/2019	1 year
				09/01/2020	
Spectrum Analyzer (20 Hz~26.5 GHz)	Agilent	N9020A	US47520902	09/18/2019	1 year
				09/24/2020	

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

3.5. Test Site Environment

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

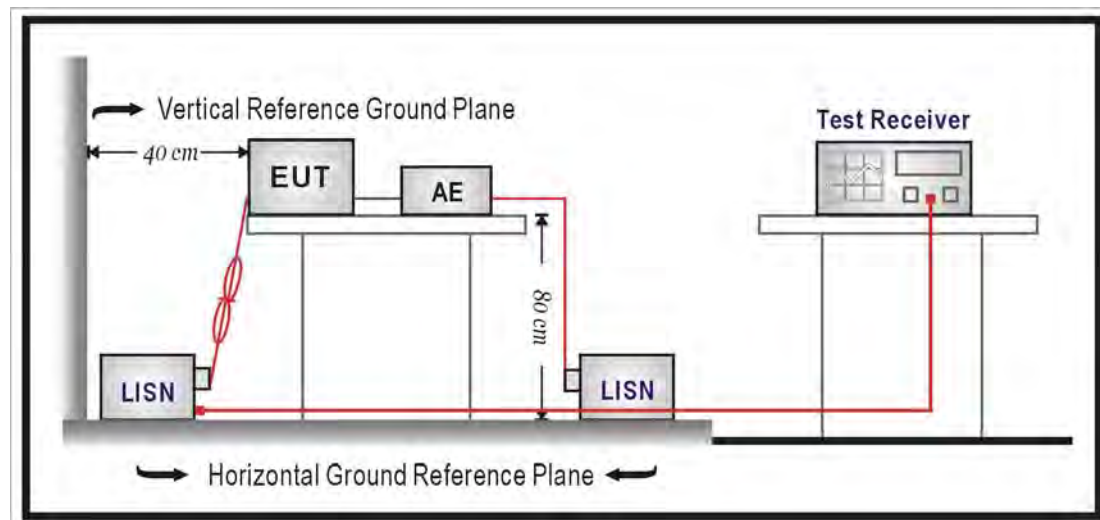
4 Measurement Procedure

4.1. AC Power Conducted Emission Measurement

■ Limit

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

■ Test Setup



■ Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a $50\ \Omega // 50\ \mu\text{H}$ coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a $50\ \Omega // 50\ \mu\text{H}$ coupling impedance with 50 ohm termination.

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

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

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

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

4.2. Transmitter Radiated Emissions Measurement

■ Limit

(1) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

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

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

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

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

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

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

(2) Limits of Radiated Emission Measurement

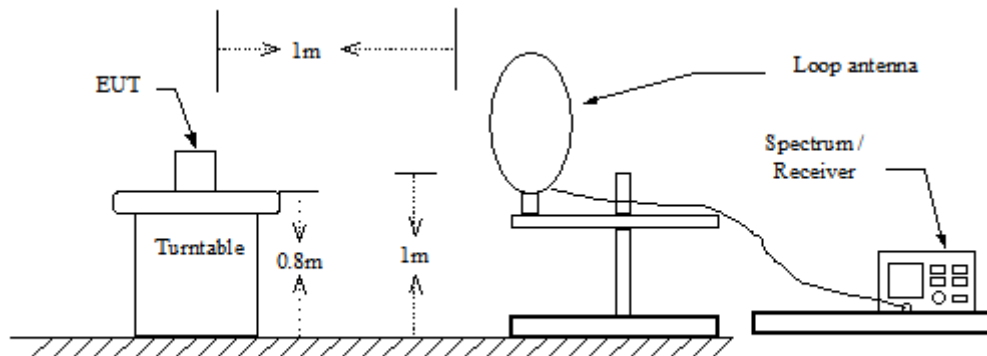
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

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

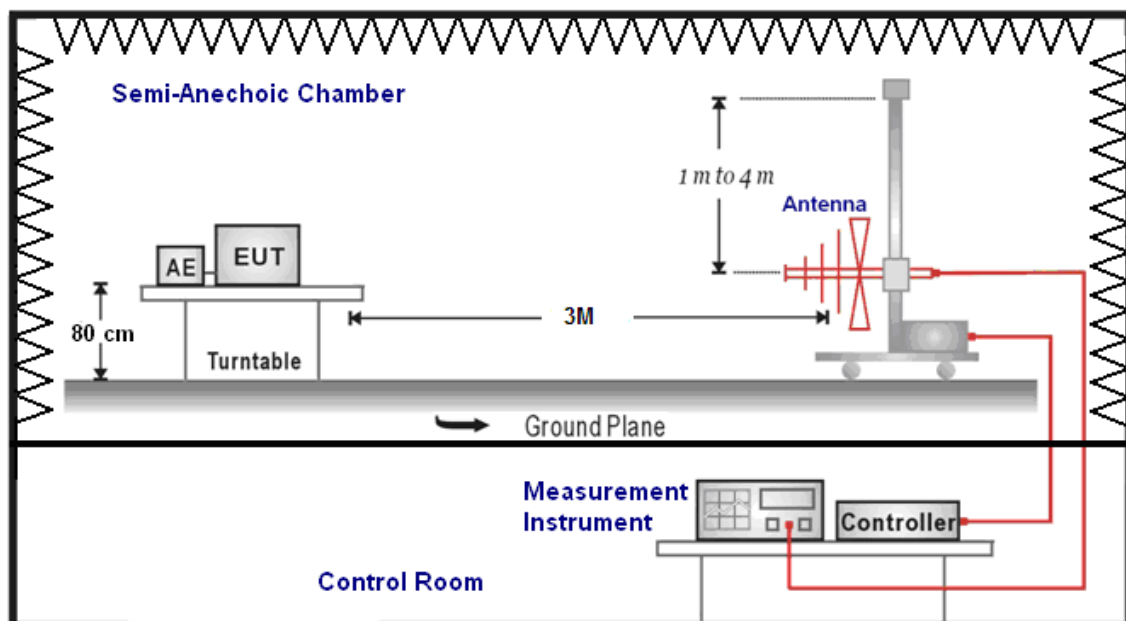
Note: 1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed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

■ Setup

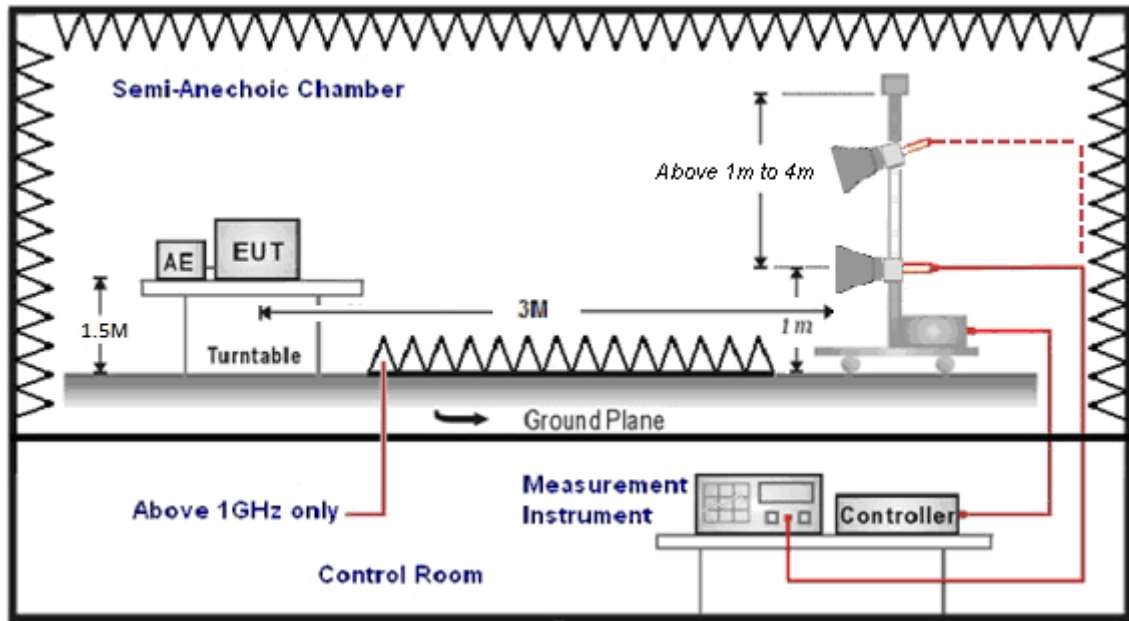
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz



Above 1 GHz



■ Test Procedure

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FI= Reading of the field intensity.

AF= Antenna factor.

CL= Cable loss.

P.S Amplitude is auto calculate in spectrum analyzer.

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

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

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

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

Measuring Instruments and setting

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

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

4.3. Maximum Conducted Output Power Measurement

■ Limit

Frequency Range (MHz)	FCC Maximum Conducted Output Power Limit
	Client
5.150 ~ 5.250 GHz	The lesser of 250 mW (24 dBm)
5.725 ~ 5.850 GHz	The lesser of 1 W (30 dBm)

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

Diversity mode:

Directional = ANT-0 Gain : 2.80 dBi < 6 dBi (5.150 ~ 5.250 GHz)

Directional = ANT-0 Gain : 2.54 dBi < 6 dBi (5.725 ~ 5.850 GHz)

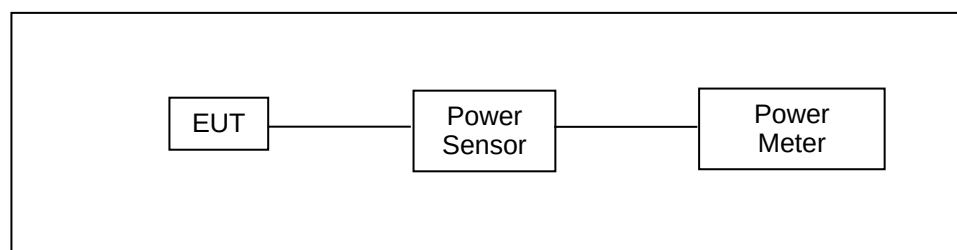
MIMO/ BF mode:

Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / N_{ANT}\} = 5.54 \text{ dBi} < 6 \text{ dBi}$

Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / N_{ANT}\} = 6.51 \text{ dBi} > 6 \text{ dBi}$

* power limit shall be reduced = $30 - 0.51 = 29.49 \text{ dBm}$ (5.725 ~ 5.850 GHz)

■ Test Setup



■ Test Procedure

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

Section (E) Maximum Conducted Output Power

3. Measurement using a Power Meter (PM)

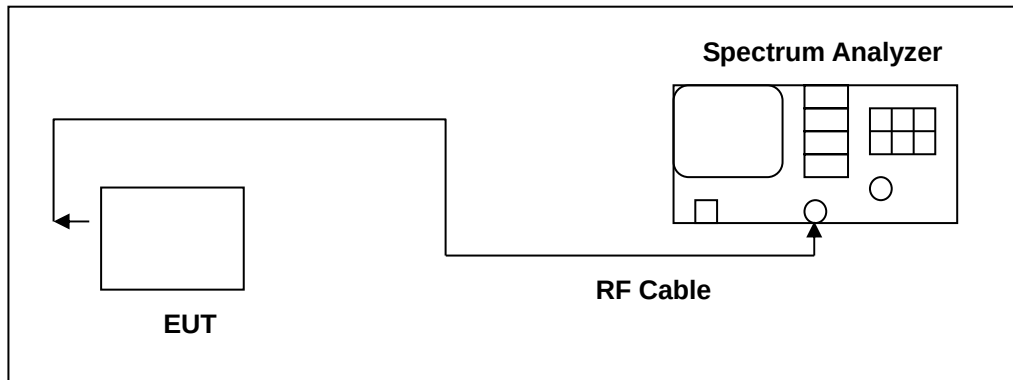
b) Method PM-G (Measurement using a gated RF average power meter)

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

■ **Limit**

N/A

■ **Test Setup**



■ **Test Procedure**

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

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

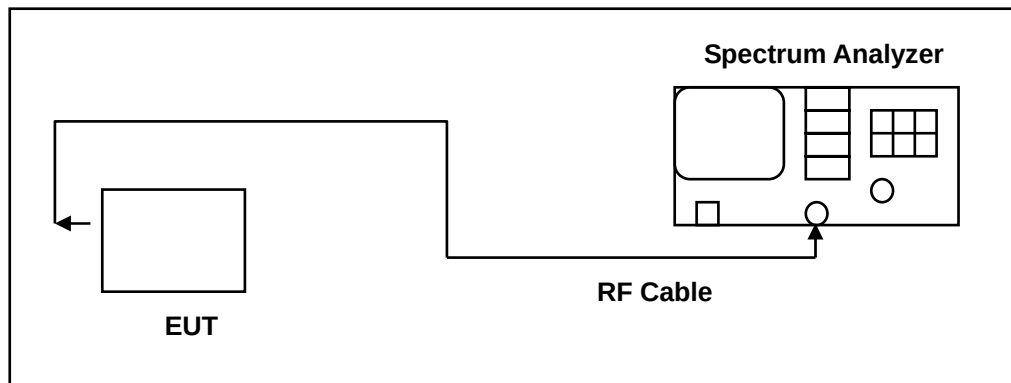
4.5. 6 dB RF Bandwidth Measurement

■ Limit

6 dB RF Bandwidth

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

■ Test Setup



■ Test Procedure

6 dB RF Bandwidth

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

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

The test was performed at 3 channels.

4.6. Maximum Power Spectral Density Measurement

■ Limit

Frequency Range (MHz)	FCC Limit
	Client
5.150 ~ 5.250 GHz	11 dBm/MHz
5.725 ~ 5.850 GHz	30 dBm/500 kHz

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

Diversity mode:

Directional = ANT-0 Gain : 2.80 dBi < 6 dBi (5.150 ~ 5.250 GHz)

Directional = ANT-0 Gain : 2.54 dBi < 6 dBi (5.725 ~ 5.850 GHz)

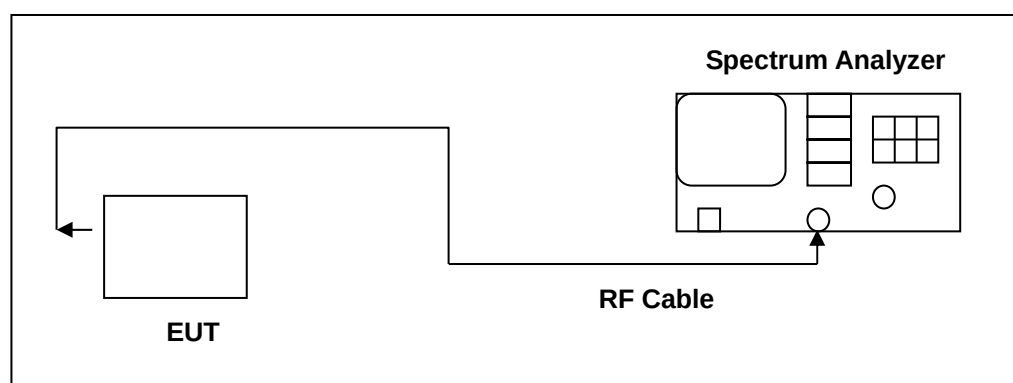
MIMO/ BF mode:

Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / N_{ANT}\} = 5.54 \text{ dBi} < 6 \text{ dBi}$

Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / N_{ANT}\} = 6.51 \text{ dBi} > 6 \text{ dBi}$

* power spectral density limit shall be reduced = $30 - 0.51 = 29.49 \text{ dBm/500 kHz}$ (5.725 ~ 5.850 GHz)

■ Test Setup





■ **Test Procedure**

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

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

4.7. Automatically discontinue transmission

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

■ Declare

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

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

4.8. Antenna Requirement

■ Limit

For intentional device, according to 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And According to 15.407 (a), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

■ Antenna Connector Construction

See section 2 – antenna information.



■ Directional Gain Calculated

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11a	U-NII Band I	2.80
	U-NII Band III	2.54
IEEE 802.11ac 20 MHz	U-NII Band I	5.54
	U-NII Band III	6.51
IEEE 802.11ac 40 MHz	U-NII Band I	7.77
	U-NII Band III	7.65
IEEE 802.11ac 80 MHz	U-NII Band I	7.77
	U-NII Band III	7.65

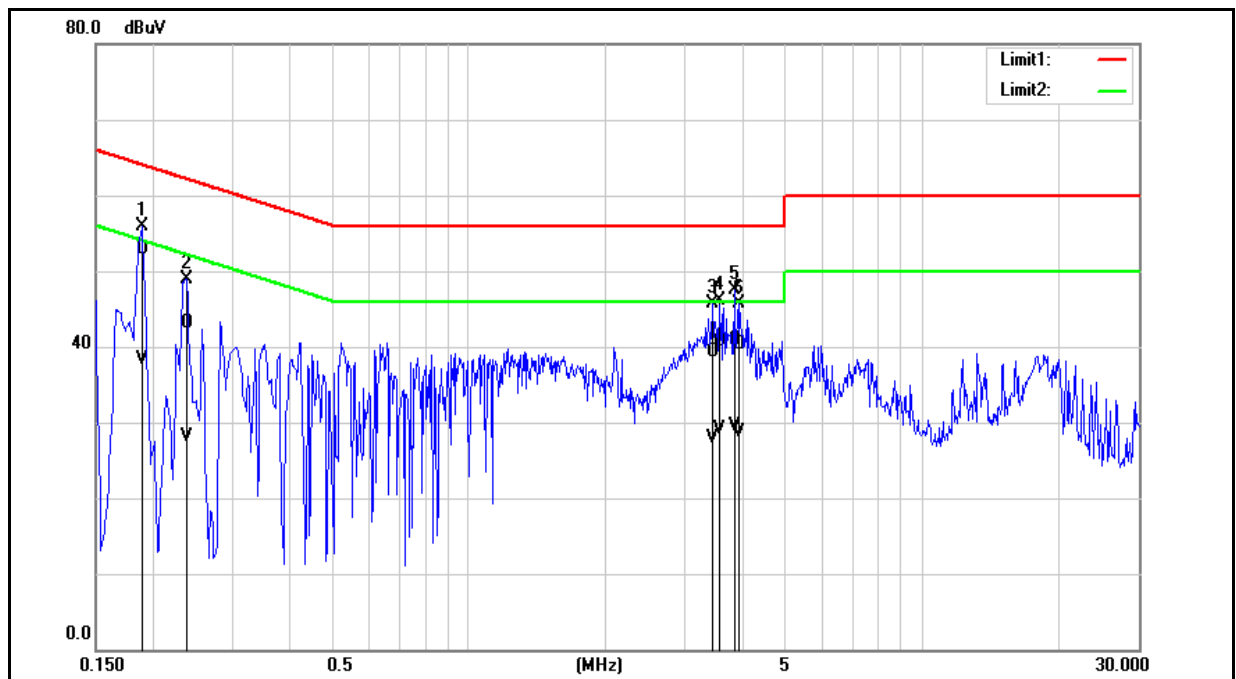
Beamforming on

Operate Freq. Band		Directional Gain (dBi)
IEEE 802.11ac 20 MHz	U-NII Band I	5.54
	U-NII Band III	6.51
IEEE 802.11ac 40 MHz	U-NII Band I	7.77
	U-NII Band III	7.65
IEEE 802.11ac 80 MHz	U-NII Band I	7.77
	U-NII Band III	7.65

5 Test Results

Annex A. Conducted Emission

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

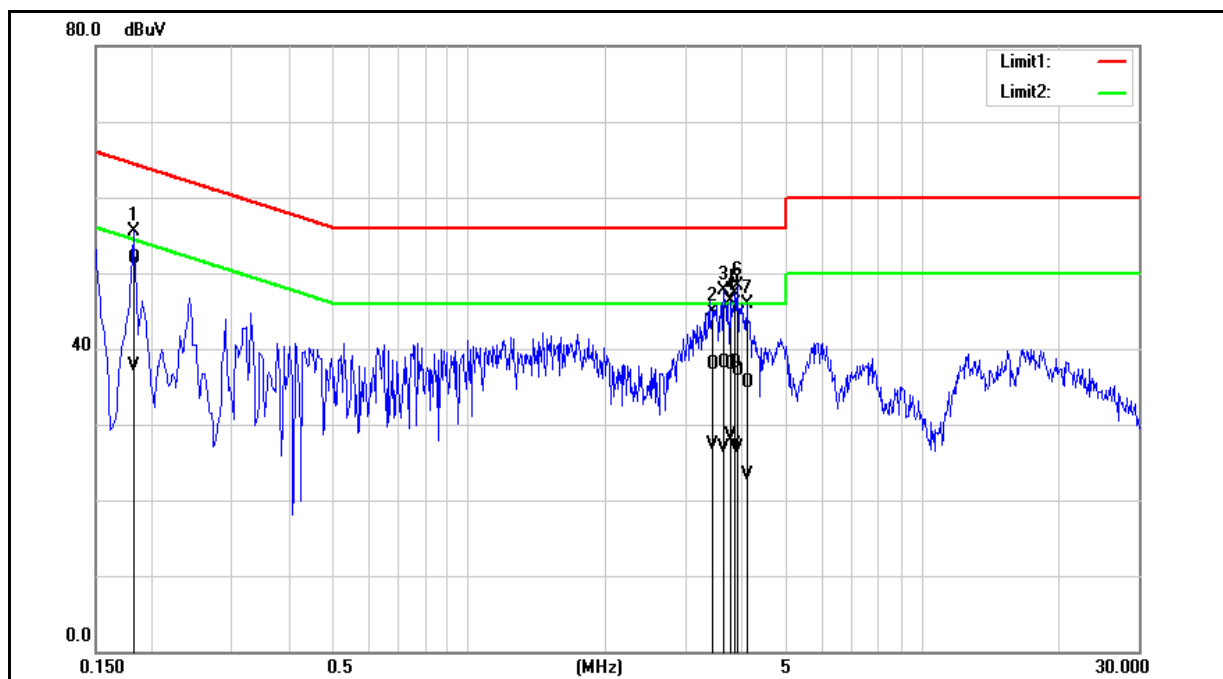


No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1900	43.29	28.76	9.64	52.93	38.40	64.04	54.04	-11.11	-15.64	Pass
2	0.2380	33.45	18.48	9.64	43.09	28.12	62.17	52.17	-19.08	-24.05	Pass
3	3.4500	29.56	18.16	9.75	39.31	27.91	56.00	46.00	-16.69	-18.09	Pass
4	3.5820	31.01	19.26	9.77	40.78	29.03	56.00	46.00	-15.22	-16.97	Pass
5	3.8460	31.06	19.68	9.77	40.83	29.45	56.00	46.00	-15.17	-16.55	Pass
6	3.9620	30.46	18.94	9.77	40.23	28.71	56.00	46.00	-15.77	-17.29	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:			



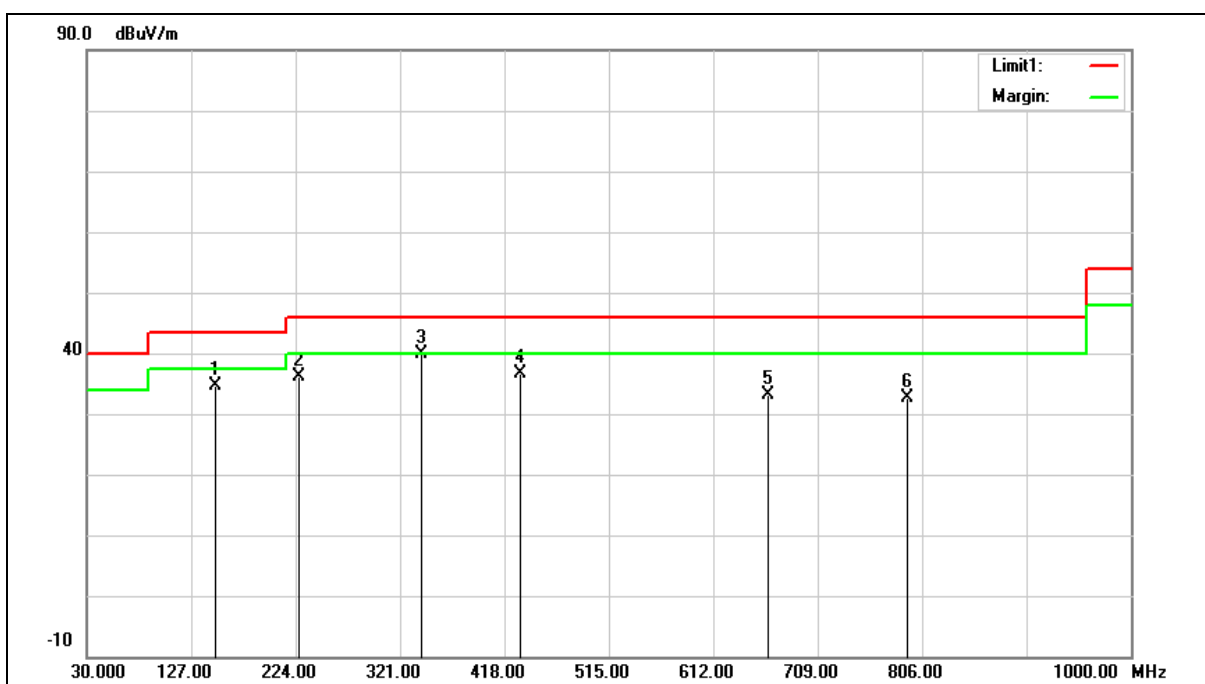
No.	Frequency (MHz)	QP reading (dBuV)	AVG reading (dBuV)	Correction factor (dB)	QP result (dBuV)	AVG result (dBuV)	QP limit (dBuV)	AVG limit (dBuV)	QP margin (dB)	AVG margin (dB)	Remark
1	0.1820	42.32	28.10	9.67	51.99	37.77	64.39	54.39	-12.40	-16.62	Pass
2	3.4460	28.21	17.45	9.78	37.99	27.23	56.00	46.00	-18.01	-18.77	Pass
3	3.6420	28.27	17.04	9.80	38.07	26.84	56.00	46.00	-17.93	-19.16	Pass
4	3.7620	28.08	18.62	9.80	37.88	28.42	56.00	46.00	-18.12	-17.58	Pass
5	3.8700	28.25	17.59	9.80	38.05	27.39	56.00	46.00	-17.95	-18.61	Pass
6	3.9140	27.36	17.06	9.80	37.16	26.86	56.00	46.00	-18.84	-19.14	Pass
7	4.1060	25.73	13.46	9.81	35.54	23.27	56.00	46.00	-20.46	-22.73	Pass

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).
2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

Annex B. Radiated Emission Measurement

Below 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Radiated Emission		
Frequency:	5825MHz		
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	149.3100	42.25	-7.73	34.52	43.50	-8.98	QP
2	226.9100	45.36	-9.26	36.10	46.00	-9.90	QP
3	341.3700	45.75	-5.82	39.93	46.00	-6.07	QP
4	432.5500	40.85	-4.27	36.58	46.00	-9.42	QP
5	663.4100	33.79	-0.59	33.20	46.00	-12.80	QP
6	792.4200	31.09	1.42	32.51	46.00	-13.49	QP

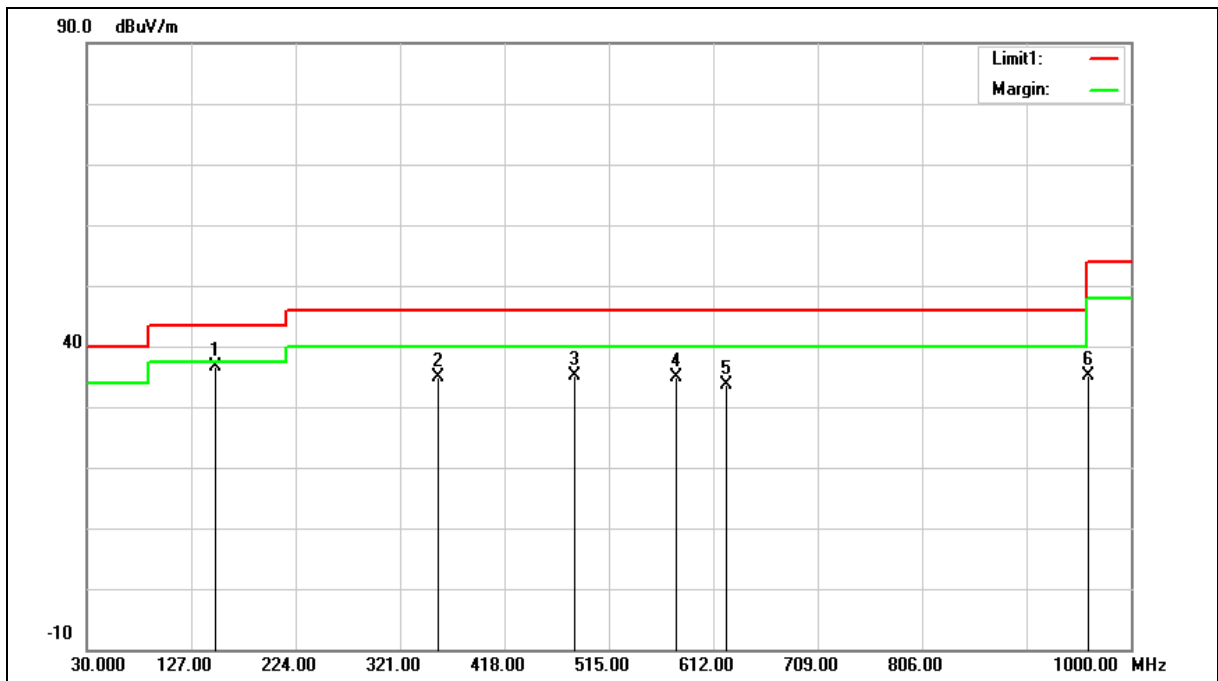
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 34.52=-7.73+42.25.

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Radiated Emission		
Frequency:	5825MHz		
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	149.3100	44.42	-7.73	36.69	43.50	-6.81	QP
2	355.9200	40.39	-5.56	34.83	46.00	-11.17	QP
3	482.9900	38.88	-3.79	35.09	46.00	-10.91	QP
4	577.0800	36.81	-1.87	34.94	46.00	-11.06	QP
5	624.6100	34.57	-1.05	33.52	46.00	-12.48	QP
6	960.2300	31.21	3.92	35.13	54.00	-18.87	QP

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

Example: 36.69=-7.73+44.42.

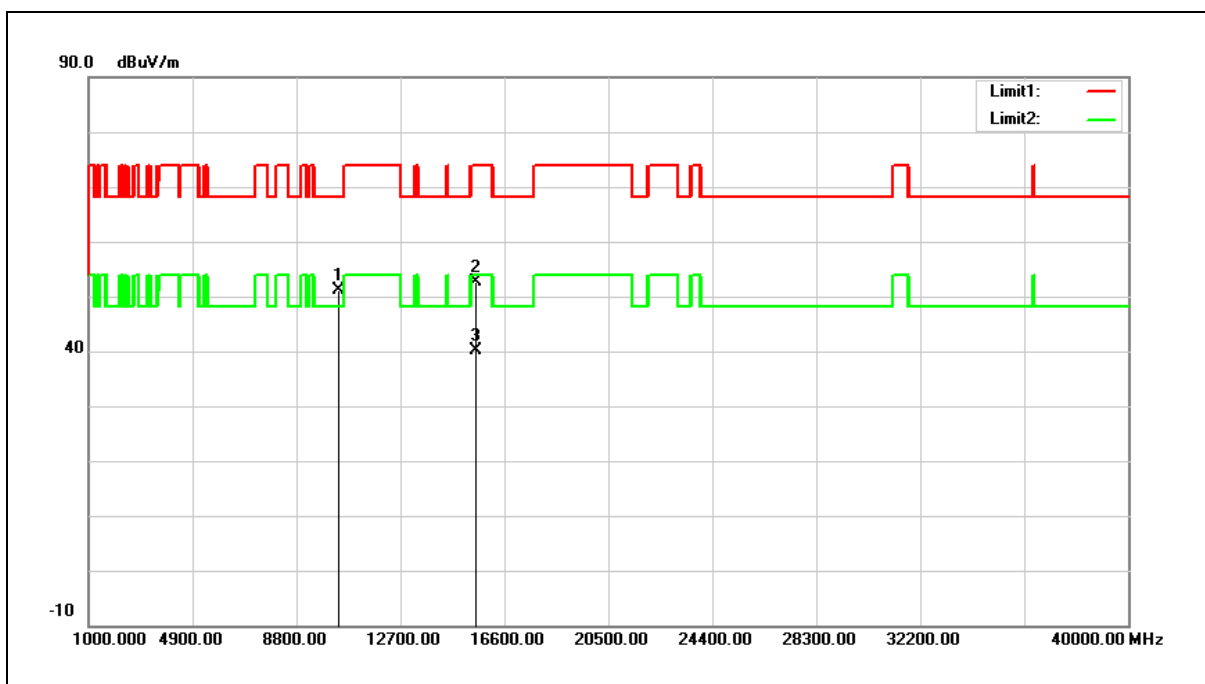
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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:	3m
Test item:	Harmonic		
Frequency:	5180MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	37.76	13.27	51.03	68.20	-17.17	peak
2	15540.000	36.83	15.81	52.64	74.00	-21.36	peak
3	15540.000	24.42	15.81	40.23	54.00	-13.77	AVG

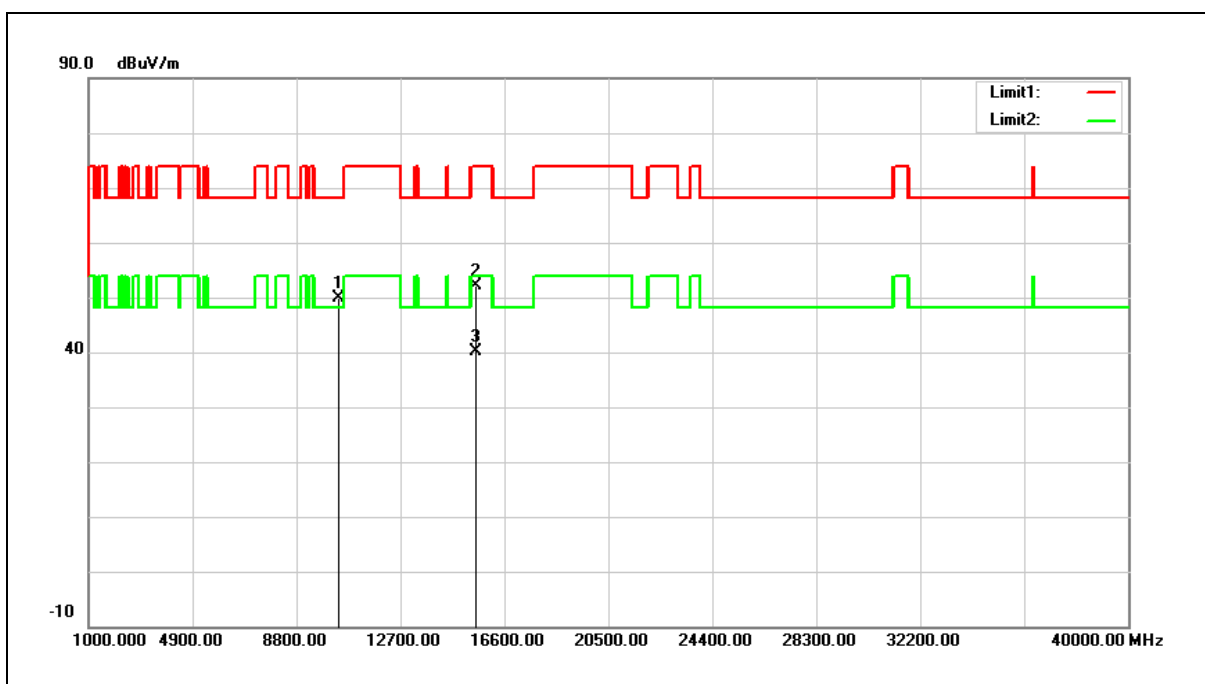
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 51.03=13.27+37.76.

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

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

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



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	36.68	13.27	49.95	68.20	-18.25	peak
2	15540.000	36.28	15.81	52.09	74.00	-21.91	peak
3	15540.000	24.31	15.81	40.12	54.00	-13.88	AVG

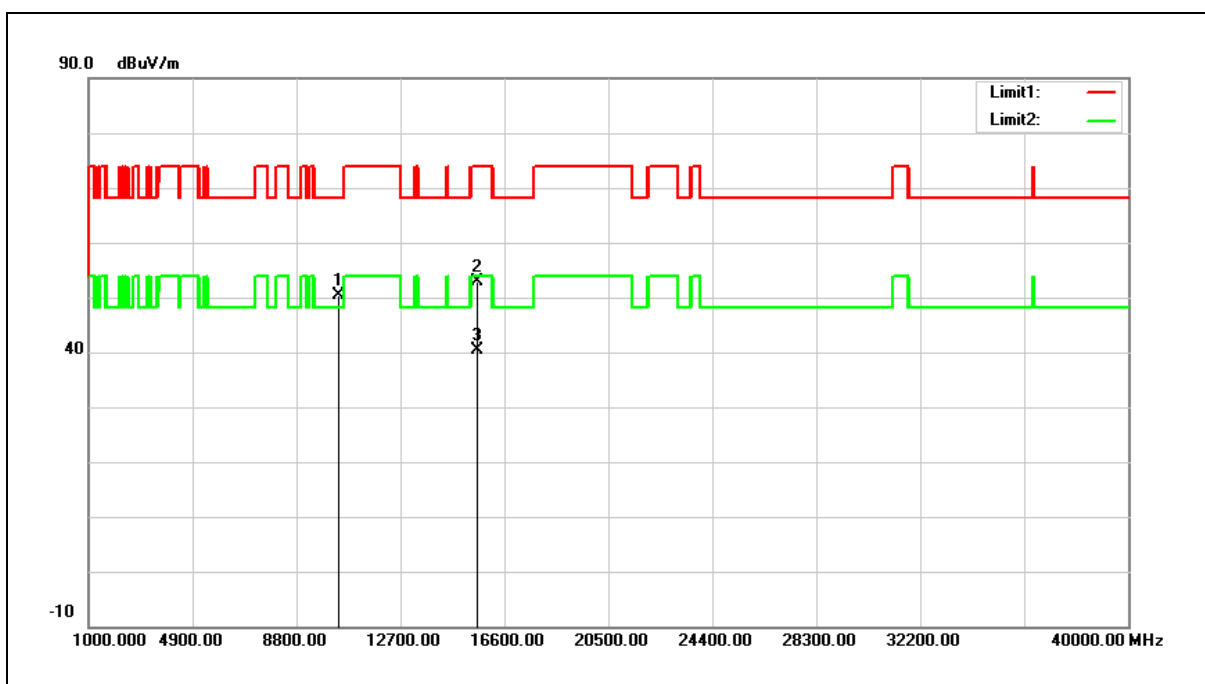
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 49.95=13.27+36.68.

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

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

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



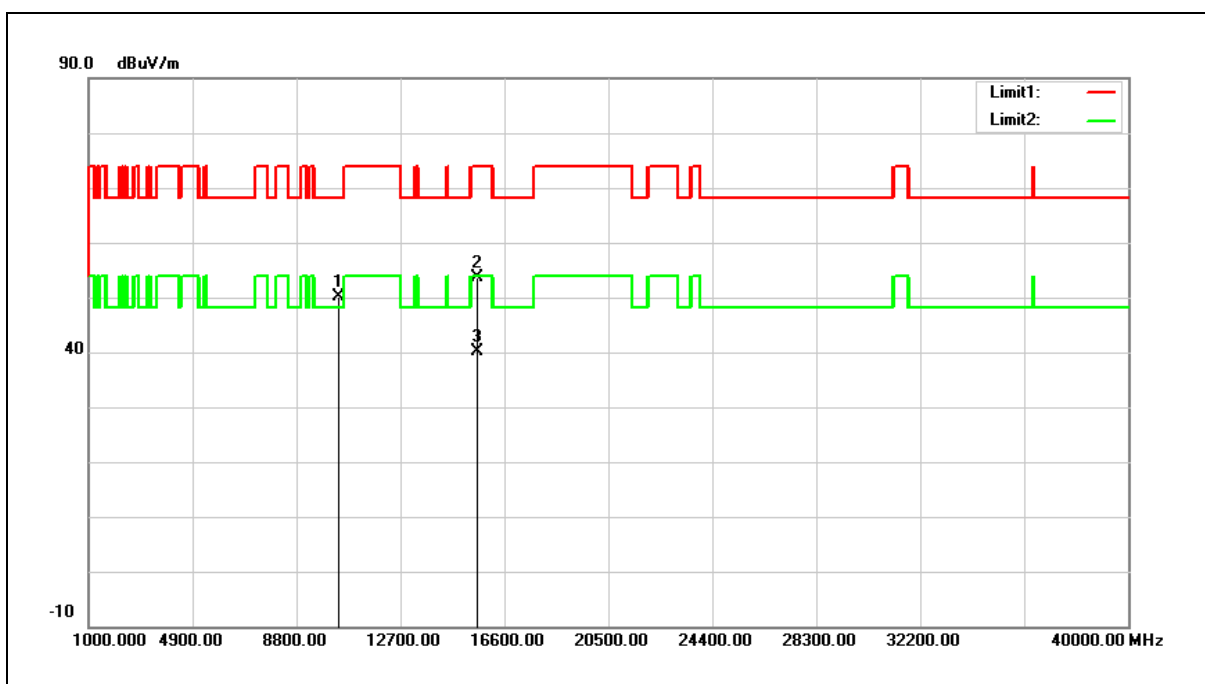
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	36.99	13.41	50.40	68.20	-17.80	peak
2	15600.000	37.15	15.63	52.78	74.00	-21.22	peak
3	15600.000	24.63	15.63	40.26	54.00	-13.74	AVG

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



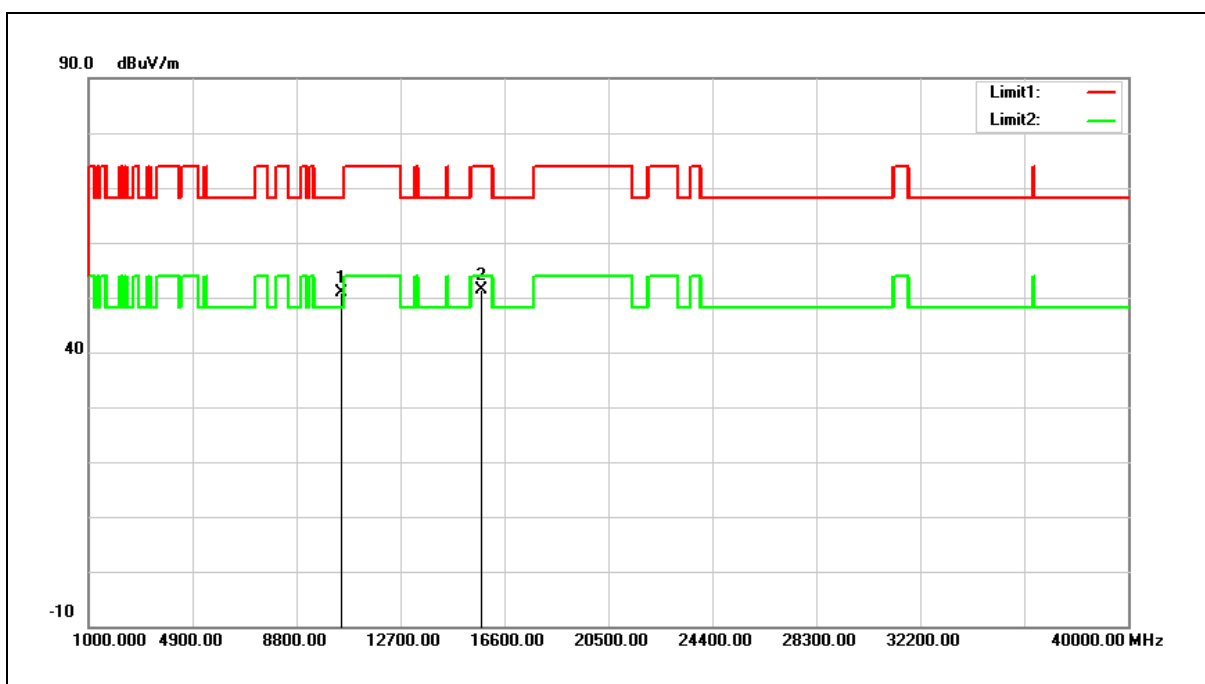
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	36.69	13.41	50.10	68.20	-18.10	peak
2	15600.000	37.89	15.63	53.52	74.00	-20.48	peak
3	15600.000	24.52	15.63	40.15	54.00	-13.85	AVG

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:	3m
Test item:	Harmonic		
Frequency:	5240MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



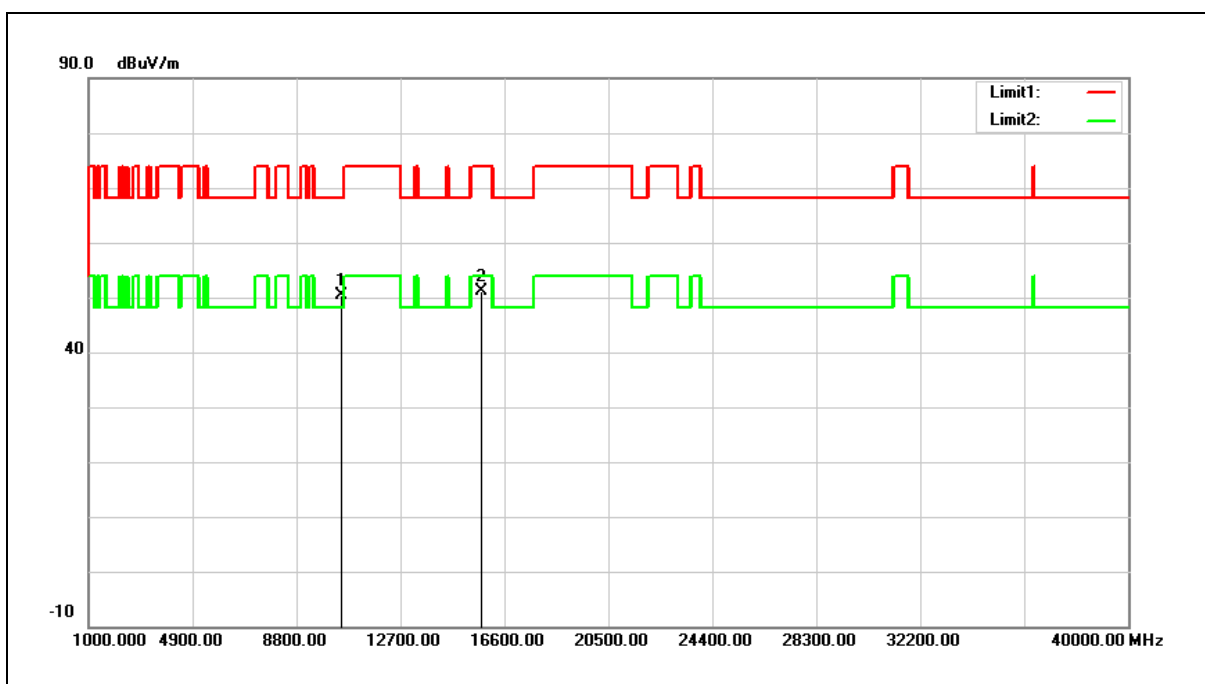
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	37.26	13.70	50.96	68.20	-17.24	peak
2	15720.000	36.09	15.27	51.36	74.00	-22.64	peak

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

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

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

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



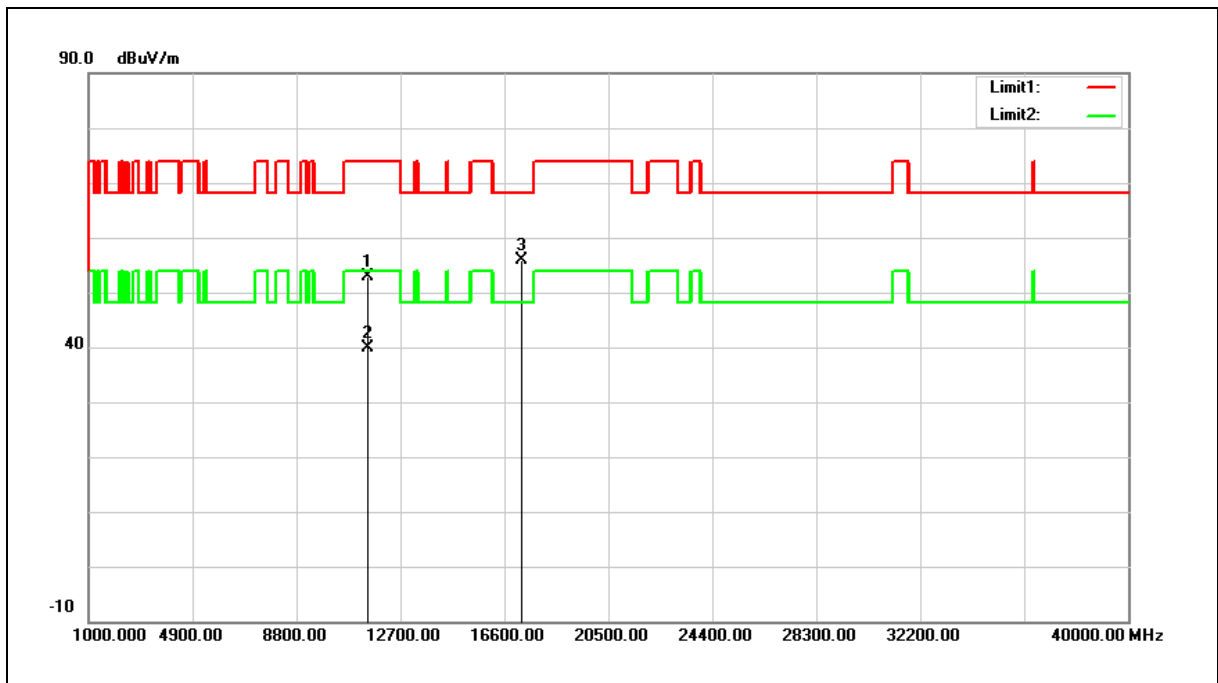
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	36.63	13.70	50.33	68.20	-17.87	peak
2	15720.000	35.95	15.27	51.22	74.00	-22.78	peak

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:	3m
Test item:	Harmonic		
Frequency:	5745MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		



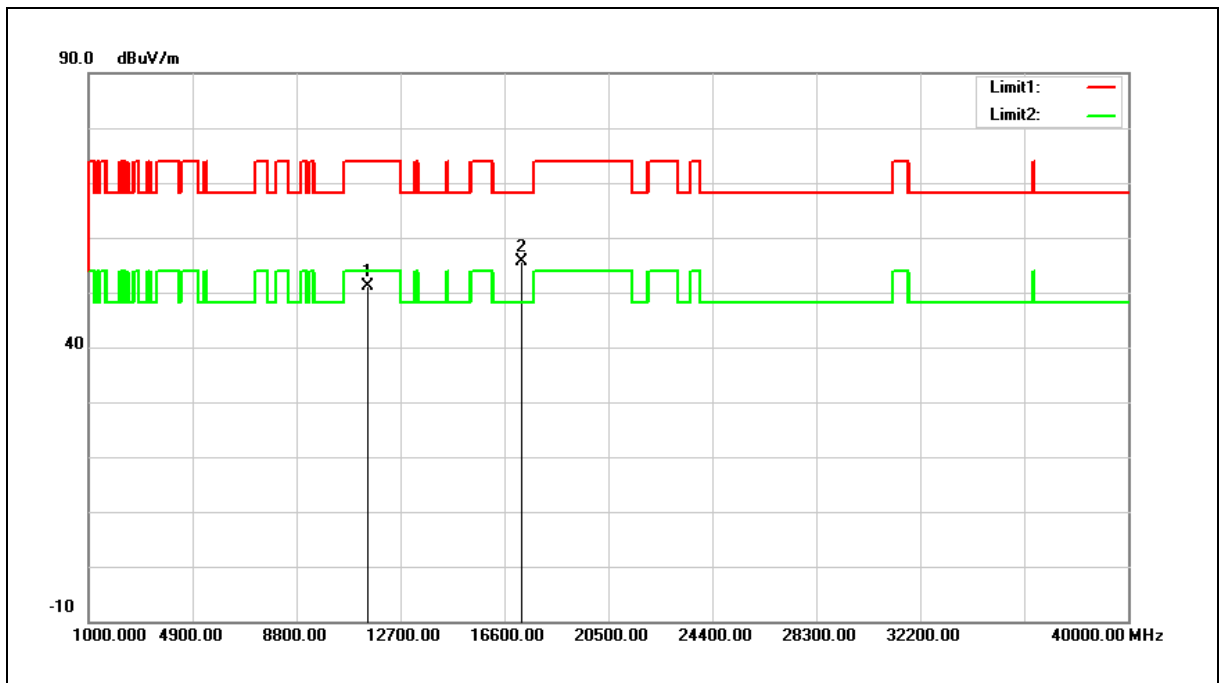
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	38.05	14.84	52.89	74.00	-21.11	peak
2	11490.000	24.99	14.84	39.83	54.00	-14.17	AVG
3	17235.000	36.08	19.84	55.92	68.20	-12.28	peak

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

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

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

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



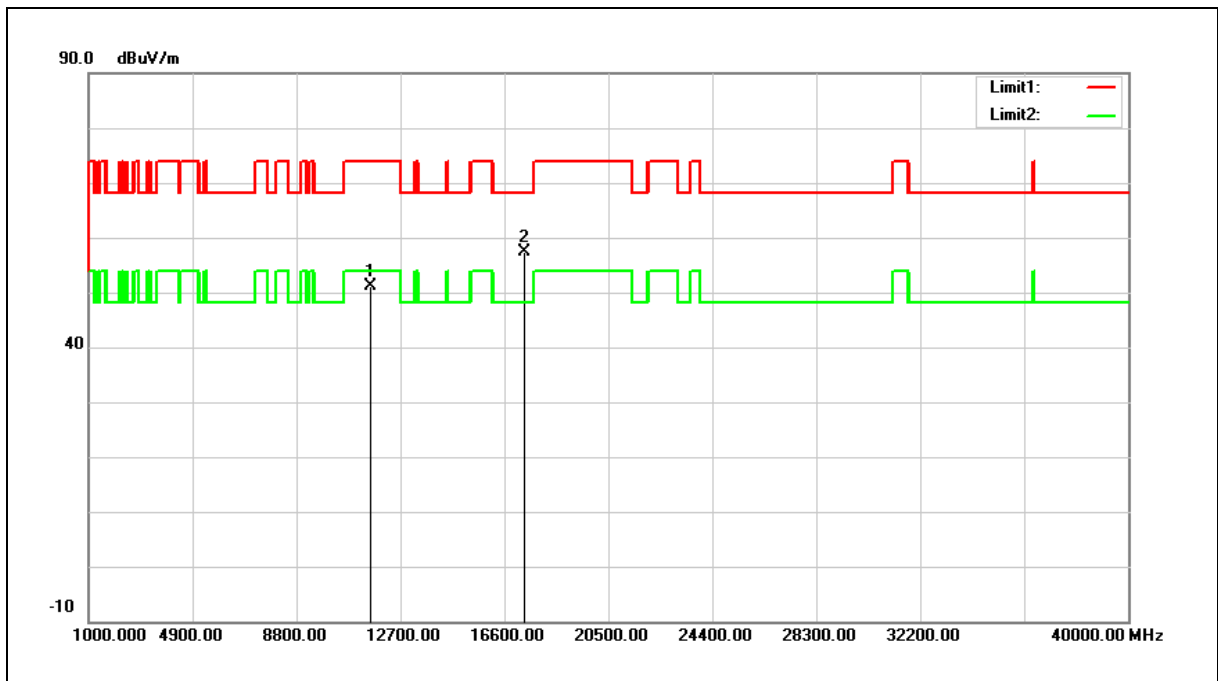
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	36.28	14.84	51.12	74.00	-22.88	peak
2	17235.000	35.89	19.84	55.73	68.20	-12.47	peak

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

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

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

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



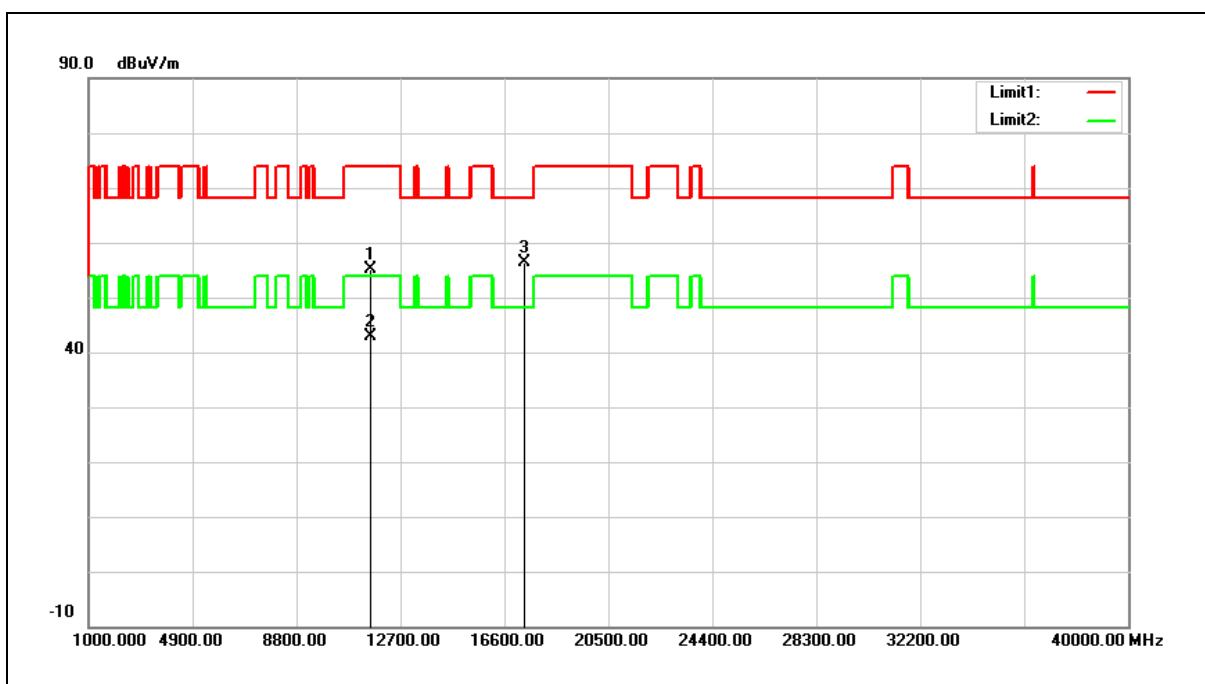
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	36.34	14.73	51.07	74.00	-22.93	peak
2	17355.000	37.01	20.49	57.50	68.20	-10.70	peak

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

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

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

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



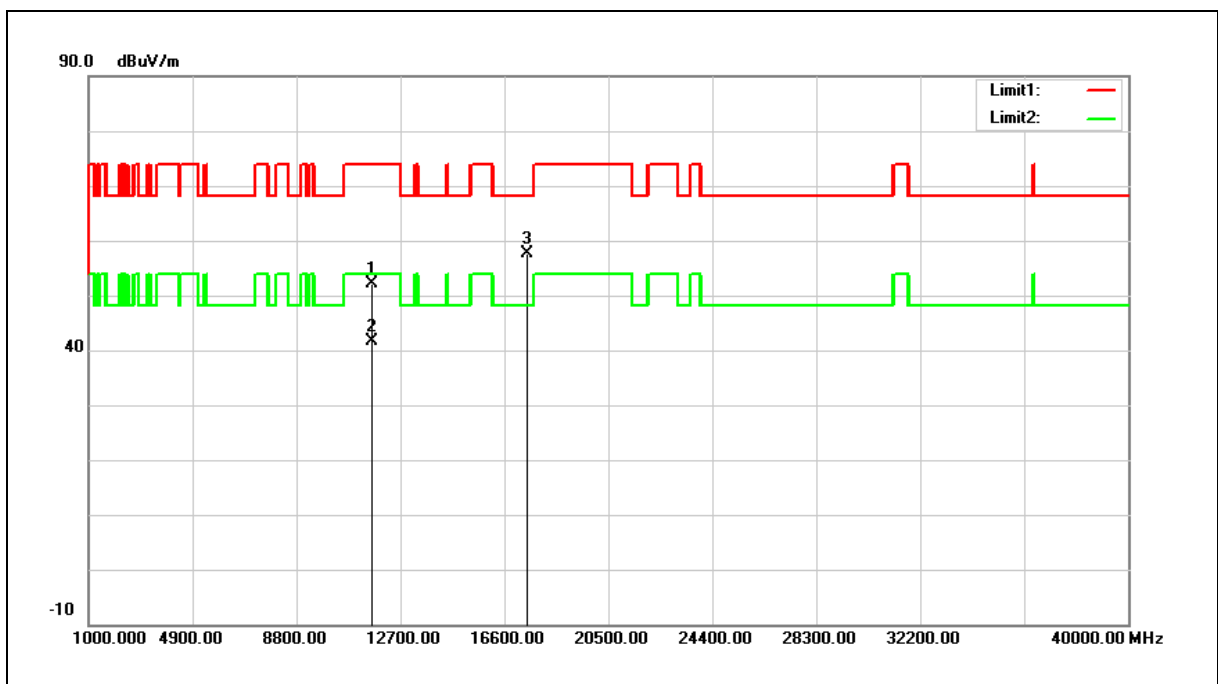
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	40.40	14.73	55.13	74.00	-18.87	peak
2	11570.000	28.08	14.73	42.81	54.00	-11.19	AVG
3	17355.000	35.85	20.49	56.34	68.20	-11.86	peak

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

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

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

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



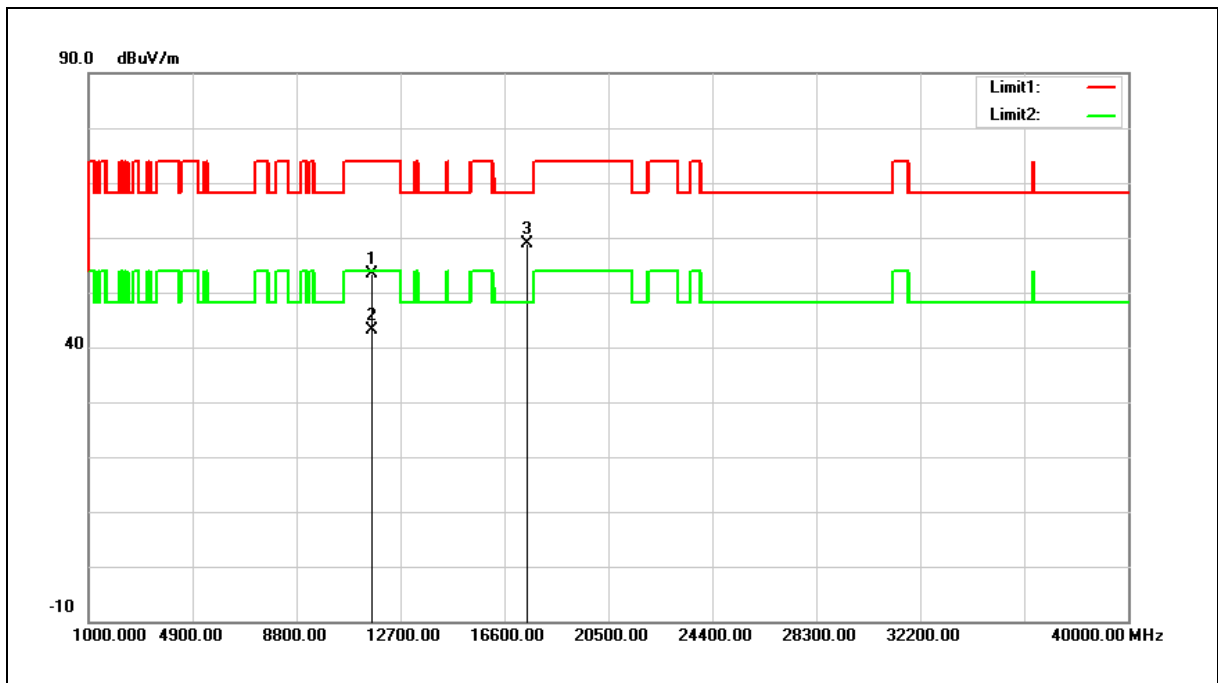
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	37.55	14.61	52.16	74.00	-21.84	peak
2	11650.000	26.92	14.61	41.53	54.00	-12.47	AVG
3	17475.000	36.42	21.14	57.56	68.20	-10.64	peak

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

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

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

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



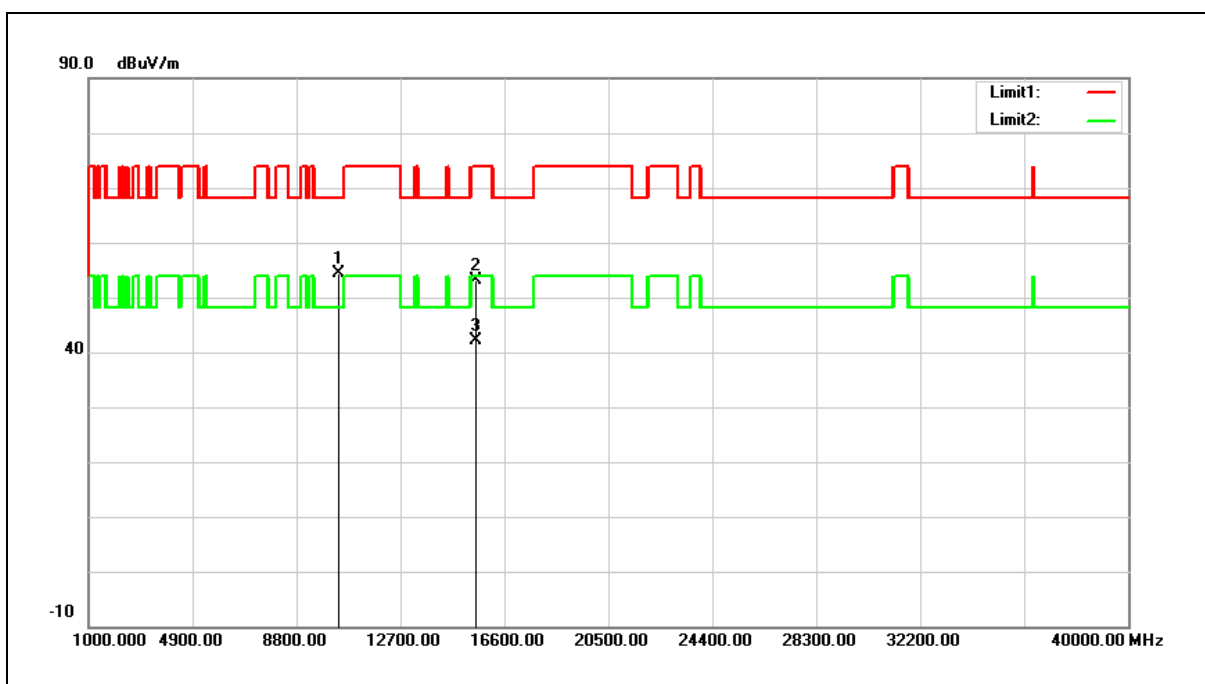
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	38.74	14.61	53.35	74.00	-20.65	peak
2	11650.000	28.40	14.61	43.01	54.00	-10.99	AVG
3	17475.000	37.86	21.14	59.00	68.20	-9.20	peak

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

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

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

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



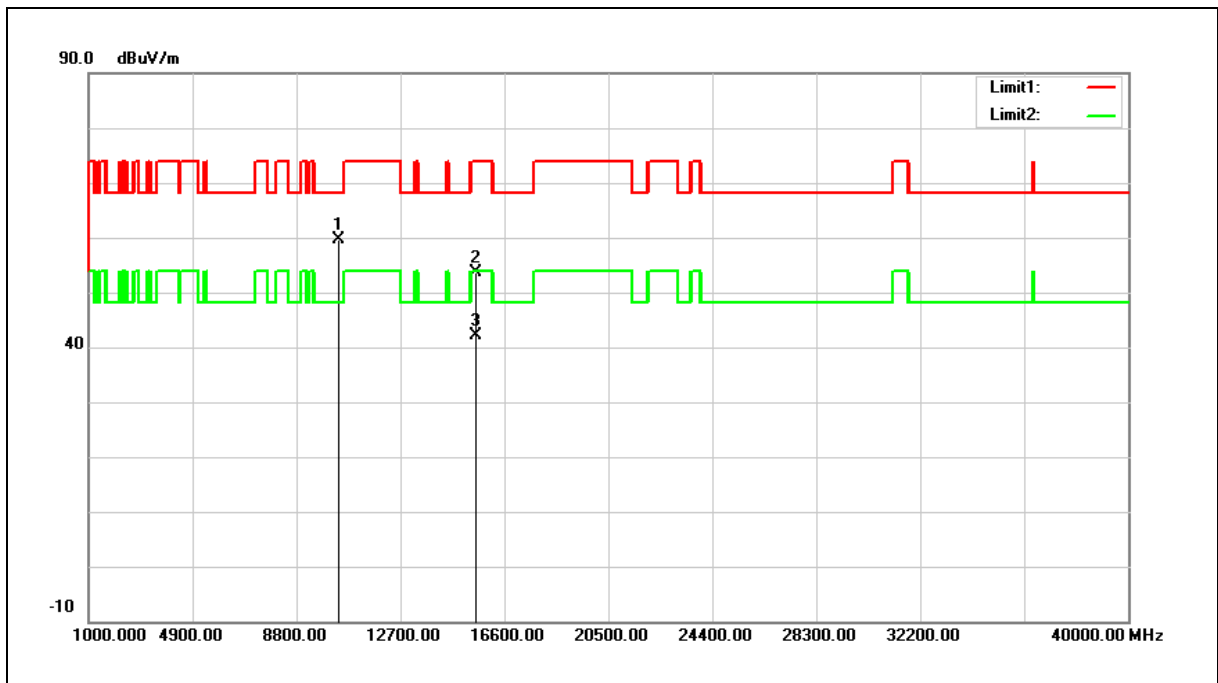
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	41.05	13.27	54.32	68.20	-13.88	peak
2	15540.000	37.36	15.81	53.17	74.00	-20.83	peak
3	15540.000	26.24	15.81	42.05	54.00	-11.95	AVG

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:	3m
Test item:	Harmonic		
Frequency:	5180MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



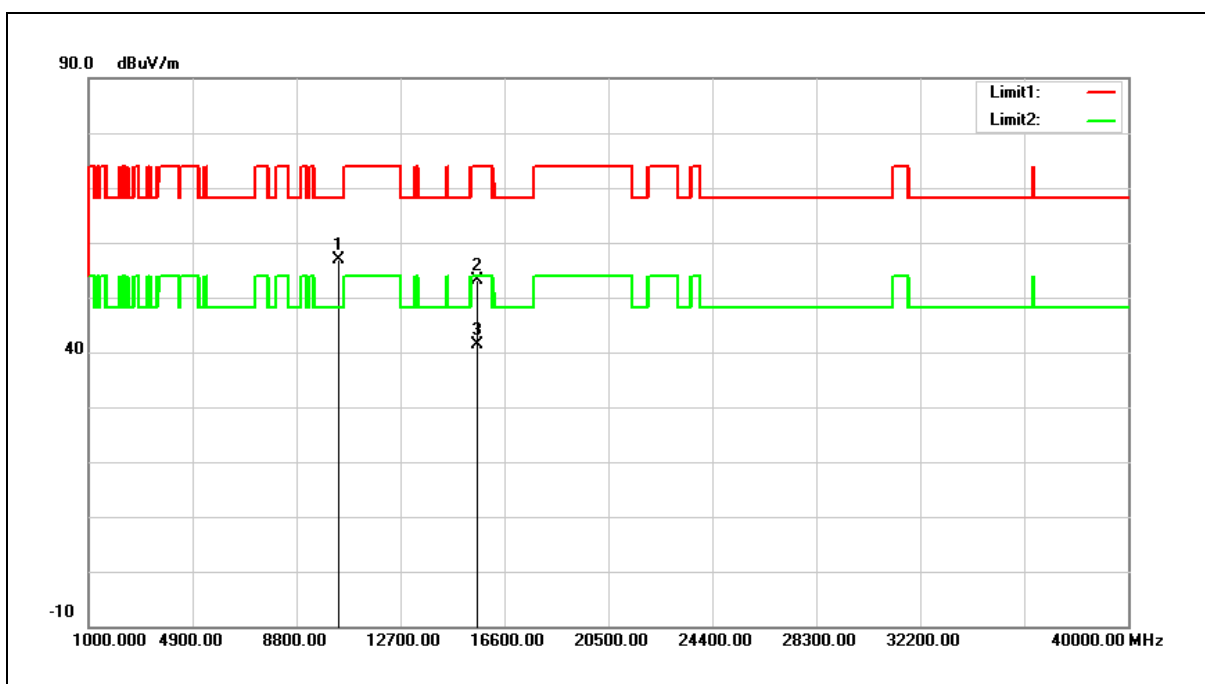
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	46.32	13.27	59.59	68.20	-8.61	peak
2	15540.000	37.75	15.81	53.56	74.00	-20.44	peak
3	15540.000	26.42	15.81	42.23	54.00	-11.77	AVG

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:	3m
Test item:	Harmonic		
Frequency:	5200MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



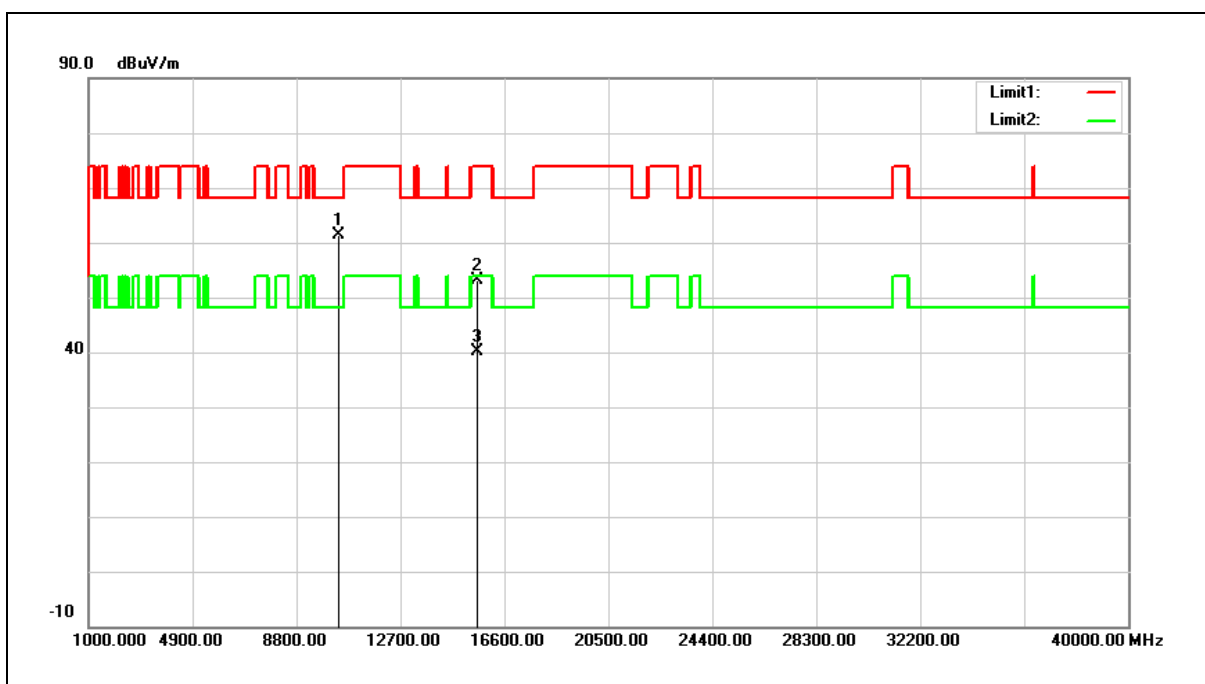
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	43.57	13.41	56.98	68.20	-11.22	peak
2	15600.000	37.38	15.63	53.01	74.00	-20.99	peak
3	15600.000	25.74	15.63	41.37	54.00	-12.63	AVG

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

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

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

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



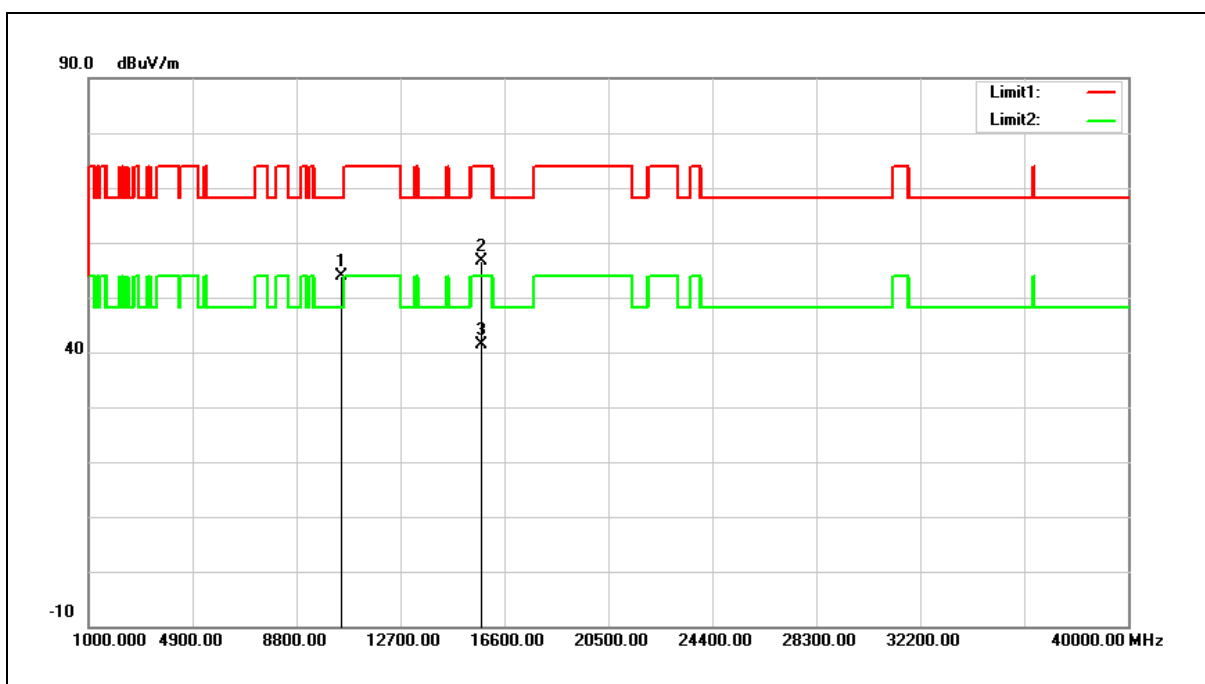
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	47.86	13.41	61.27	68.20	-6.93	peak
2	15600.000	37.45	15.63	53.08	74.00	-20.92	peak
3	15600.000	24.50	15.63	40.13	54.00	-13.87	AVG

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:	3m
Test item:	Harmonic		
Frequency:	5240MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



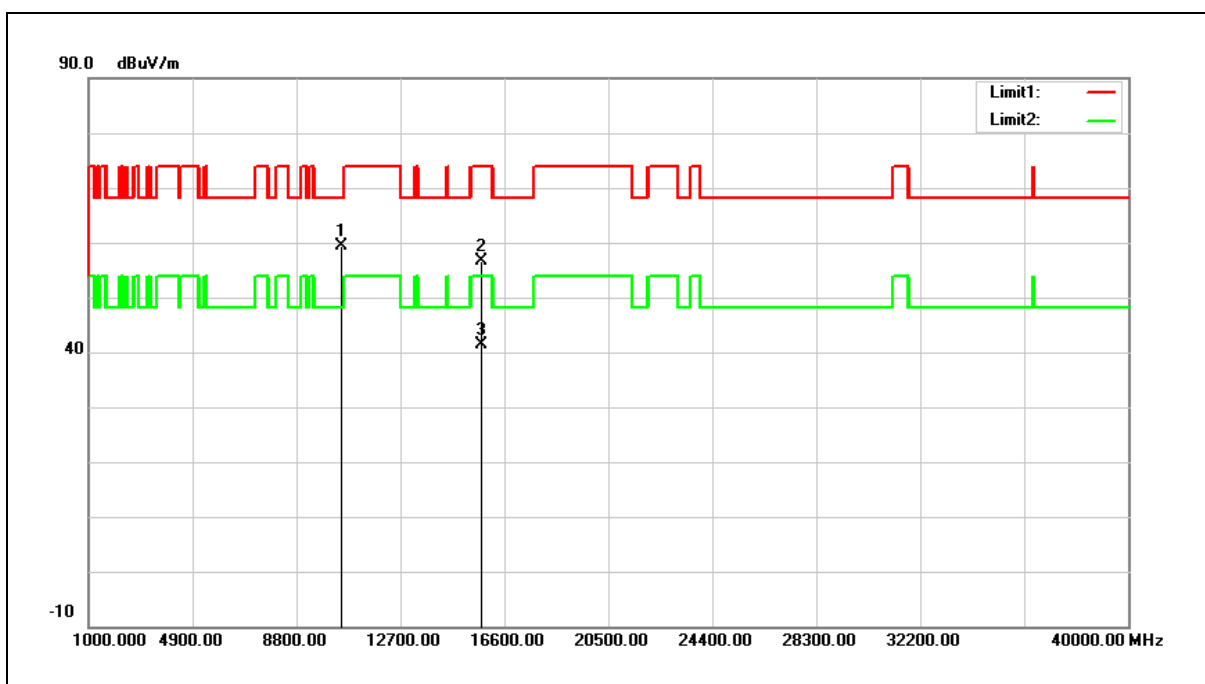
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	40.28	13.70	53.98	68.20	-14.22	peak
2	15720.000	41.37	15.27	56.64	74.00	-17.36	peak
3	15720.000	26.07	15.27	41.34	54.00	-12.66	AVG

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:	3m
Test item:	Harmonic		
Frequency:	5240MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



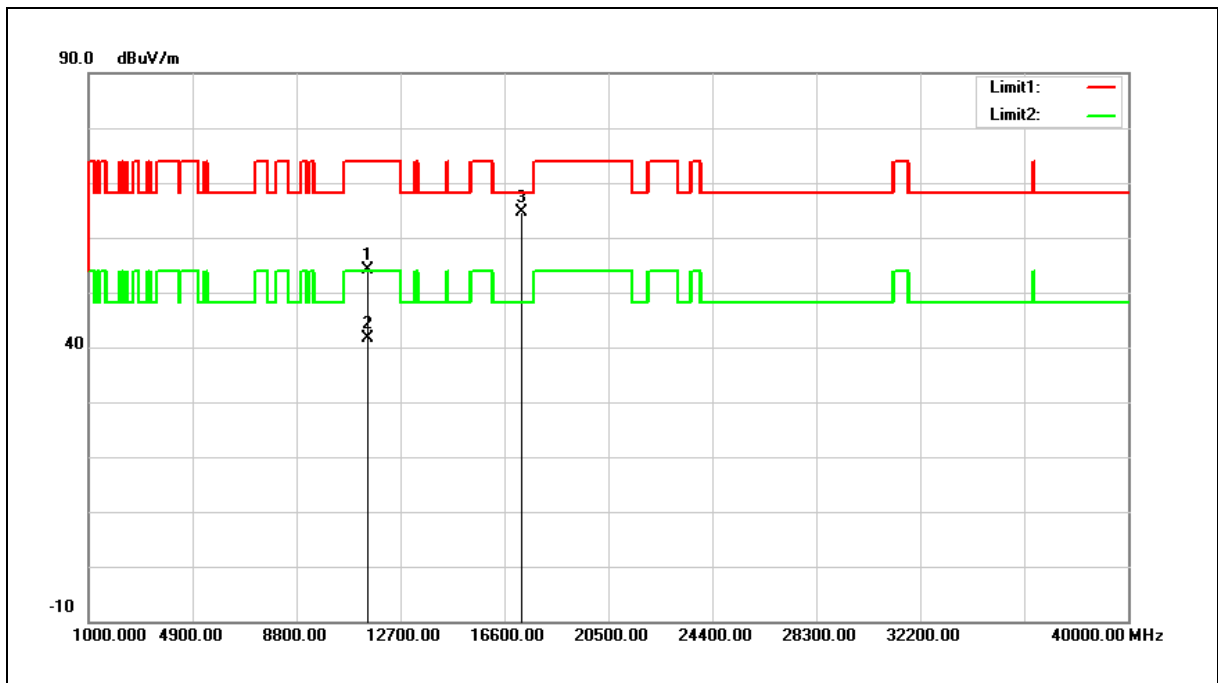
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	45.71	13.70	59.41	68.20	-8.79	peak
2	15720.000	41.43	15.27	56.70	74.00	-17.30	peak
3	15720.000	26.06	15.27	41.33	54.00	-12.67	AVG

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:	3m
Test item:	Harmonic		
Frequency:	5745MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		



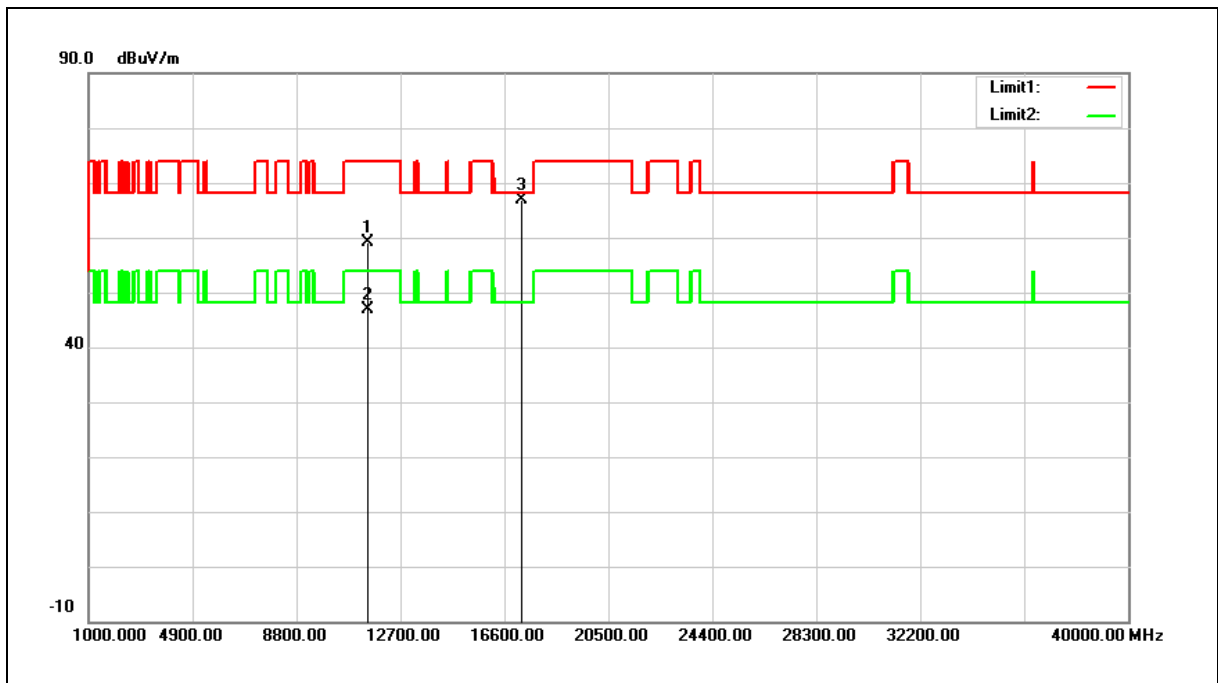
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	39.34	14.84	54.18	74.00	-19.82	peak
2	11490.000	26.87	14.84	41.71	54.00	-12.29	AVG
3	17235.000	44.83	19.84	64.67	68.20	-3.53	peak

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

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

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

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



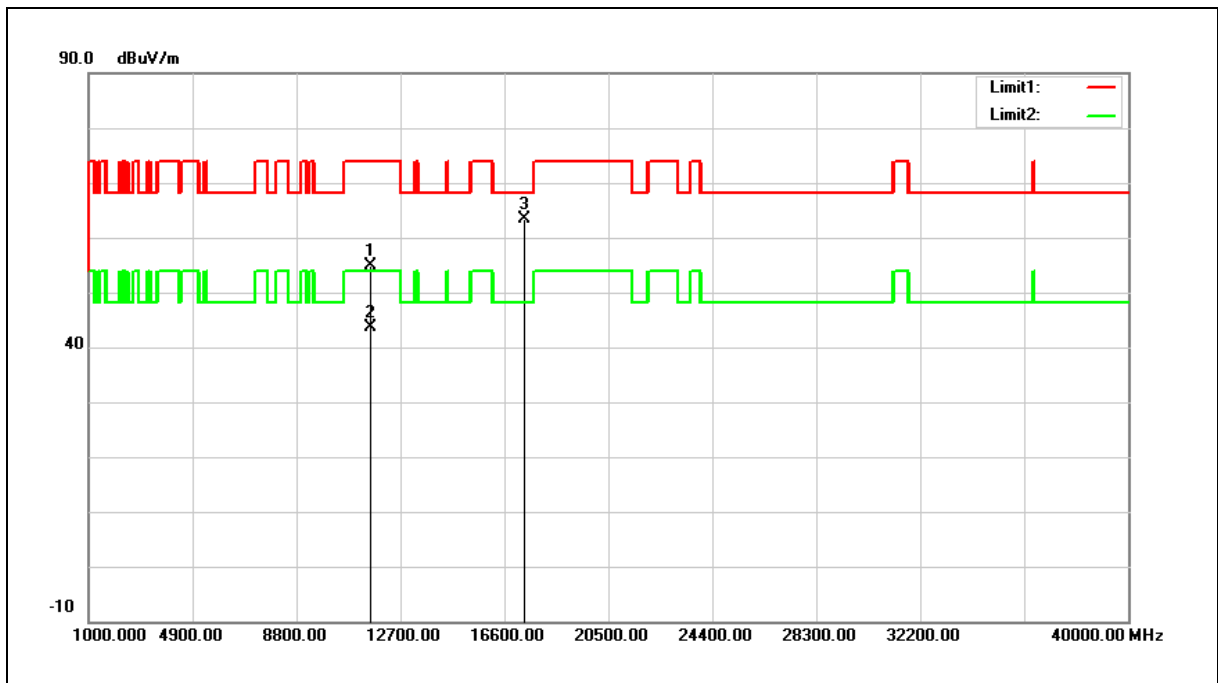
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	44.36	14.84	59.20	74.00	-14.80	peak
2	11490.000	32.08	14.84	46.92	54.00	-7.08	AVG
3	17235.000	47.06	19.84	66.90	68.20	-1.30	peak

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

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

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

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



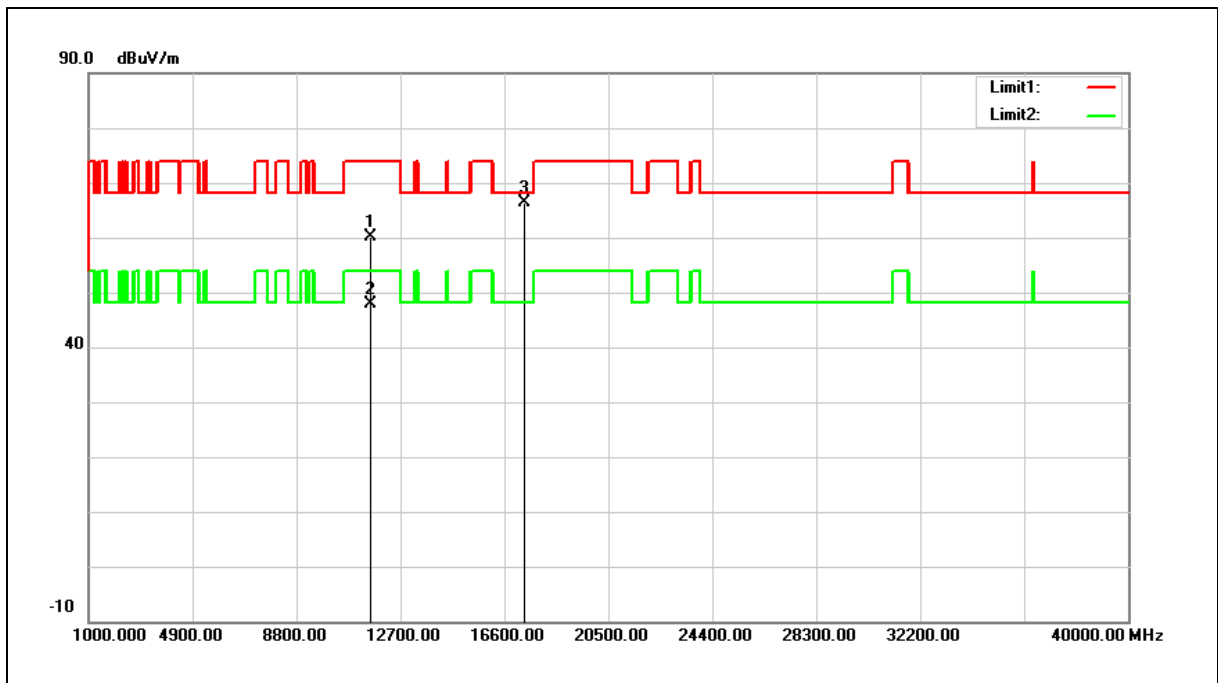
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	40.19	14.73	54.92	74.00	-19.08	peak
2	11570.000	28.96	14.73	43.69	54.00	-10.31	AVG
3	17355.000	42.81	20.49	63.30	68.20	-4.90	peak

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

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

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

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



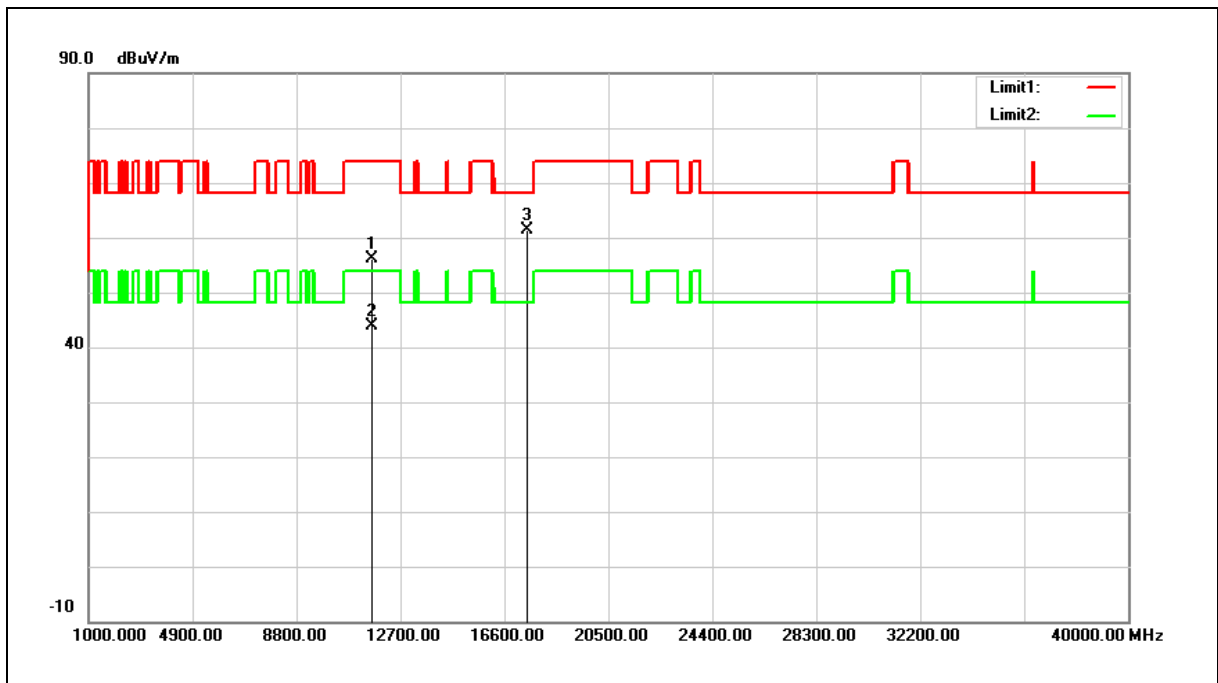
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	45.46	14.73	60.19	74.00	-13.81	peak
2	11570.000	33.07	14.73	47.80	54.00	-6.20	AVG
3	17355.000	45.82	20.49	66.31	68.20	-1.89	peak

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

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

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

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



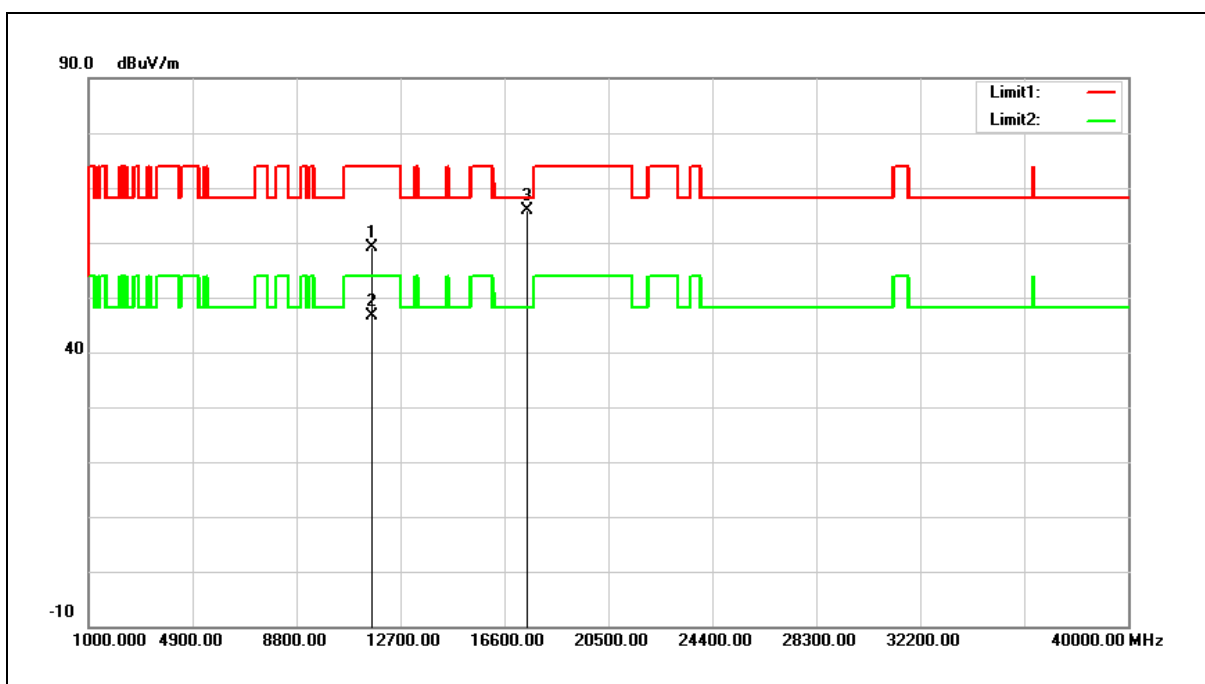
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	41.40	14.61	56.01	74.00	-17.99	peak
2	11650.000	29.37	14.61	43.98	54.00	-10.02	AVG
3	17475.000	40.32	21.14	61.46	68.20	-6.74	peak

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

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

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

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



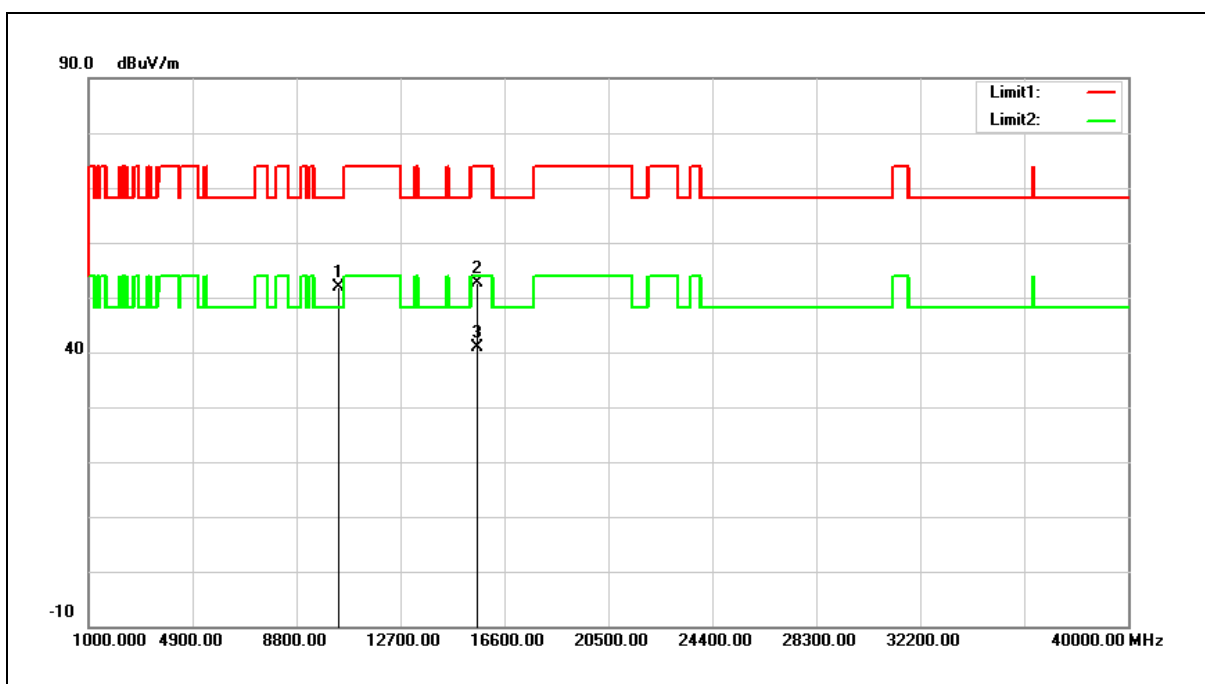
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	44.48	14.61	59.09	74.00	-14.91	peak
2	11650.000	32.09	14.61	46.70	54.00	-7.30	AVG
3	17475.000	44.80	21.14	65.94	68.20	-2.26	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5190MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



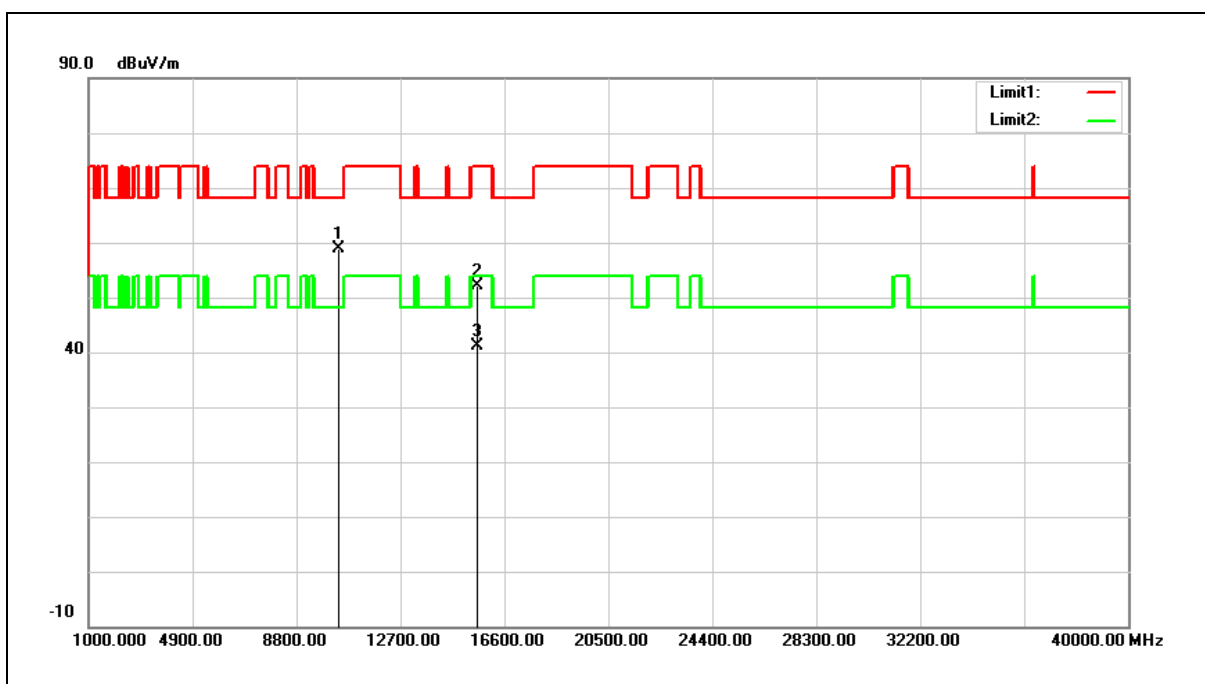
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	38.63	13.35	51.98	68.20	-16.22	peak
2	15570.000	36.88	15.72	52.60	74.00	-21.40	peak
3	15570.000	25.12	15.72	40.84	54.00	-13.16	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5190MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



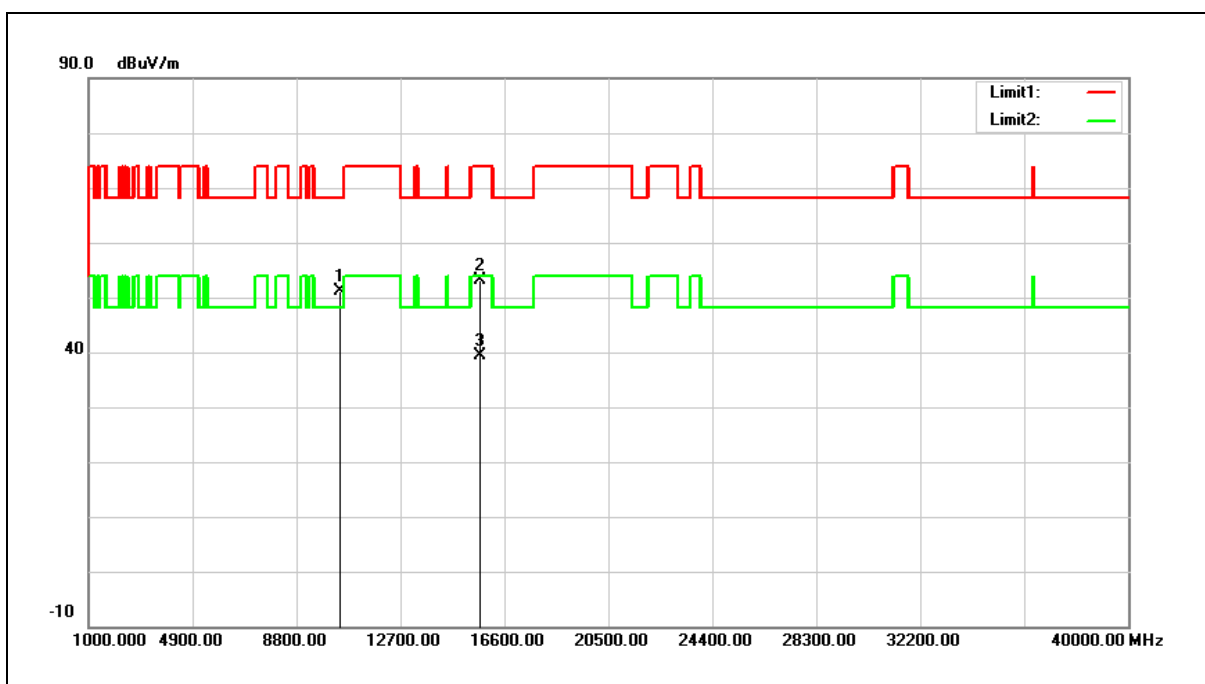
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	45.41	13.35	58.76	68.20	-9.44	peak
2	15570.000	36.34	15.72	52.06	74.00	-21.94	peak
3	15570.000	25.40	15.72	41.12	54.00	-12.88	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5230MHz		
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	10460.000	37.56	13.63	51.19	68.20	-17.01	peak
2	15690.000	37.66	15.36	53.02	74.00	-20.98	peak
3	15690.000	24.10	15.36	39.46	54.00	-14.54	AVG

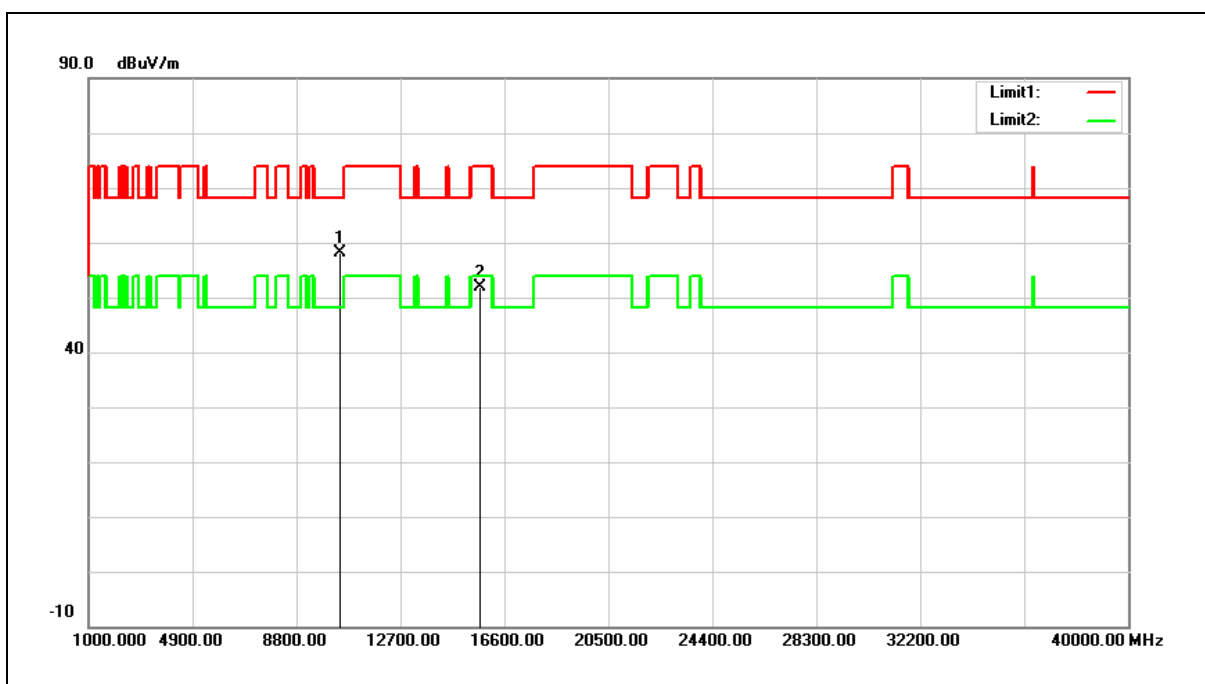
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Harmonic		
Frequency:	5230MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



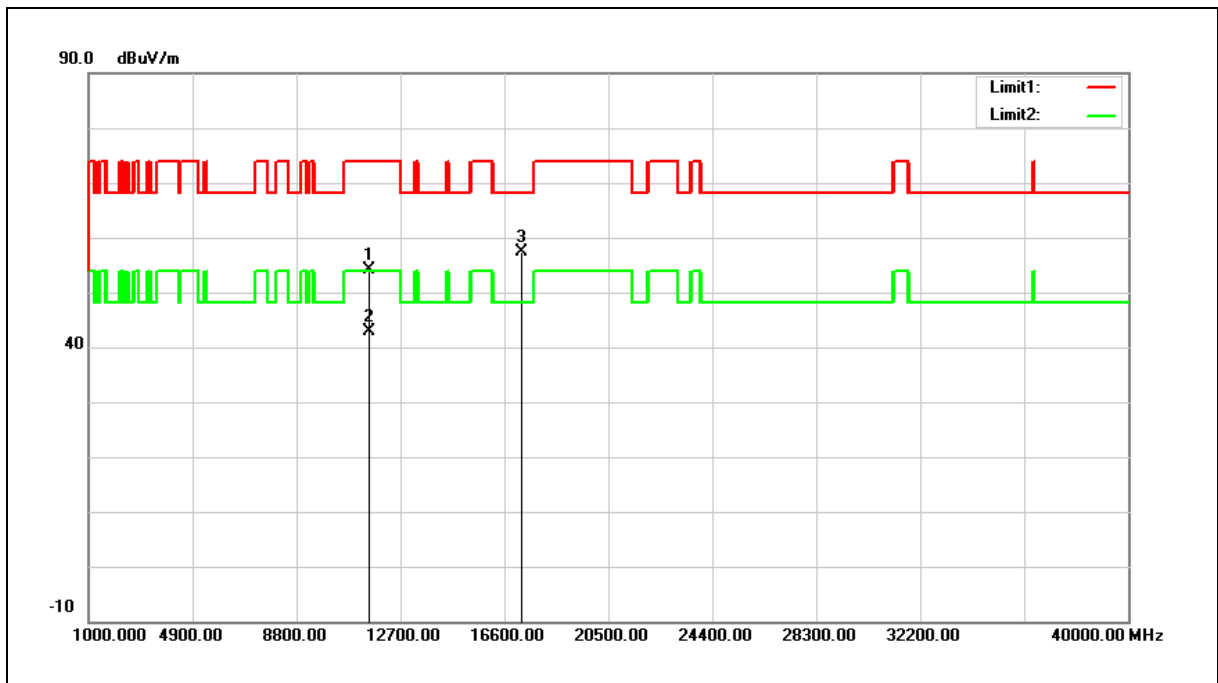
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	44.61	13.63	58.24	68.20	-9.96	peak
2	15690.000	36.53	15.36	51.89	74.00	-22.11	peak

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:	3m
Test item:	Harmonic		
Frequency:	5755MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



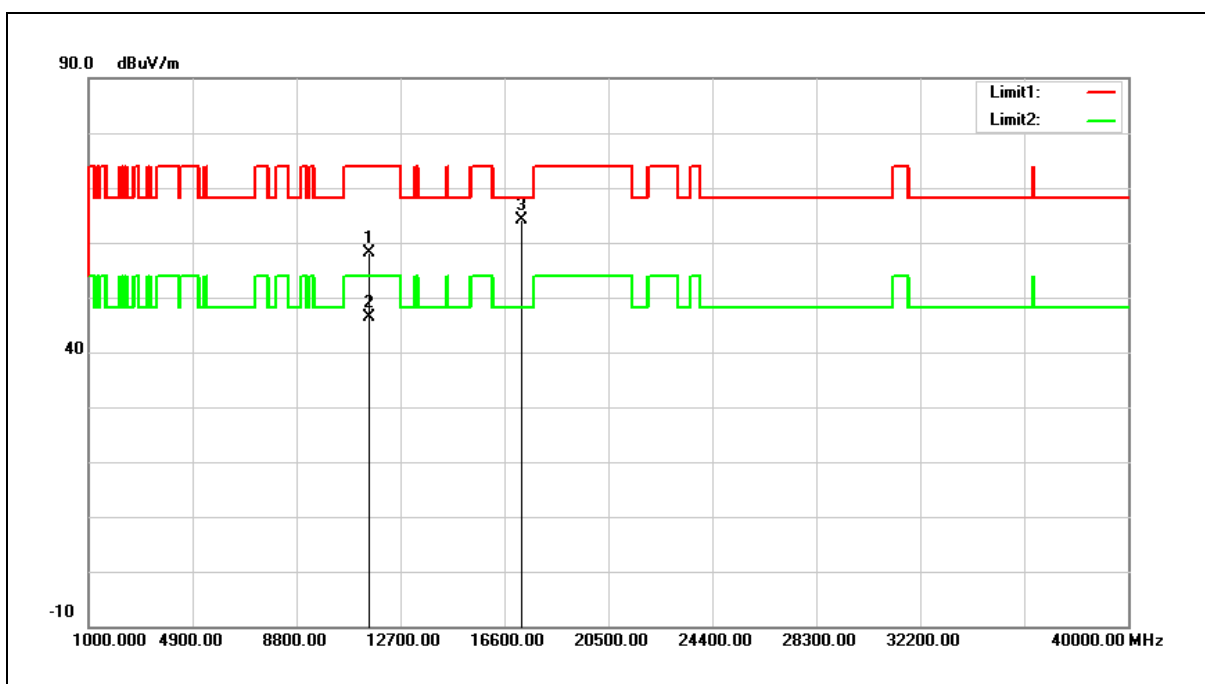
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	39.34	14.83	54.17	74.00	-19.83	peak
2	11510.000	27.97	14.83	42.80	54.00	-11.20	AVG
3	17265.000	37.31	20.00	57.31	68.20	-10.89	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5755MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



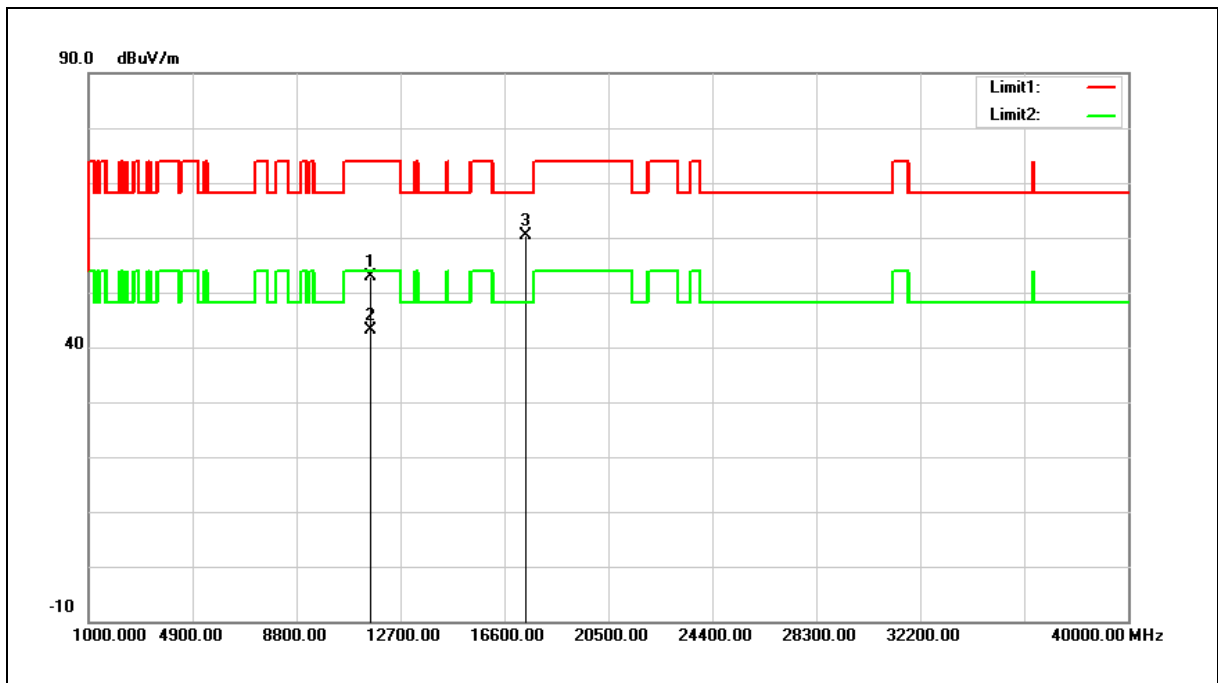
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	43.22	14.83	58.05	74.00	-15.95	peak
2	11510.000	31.64	14.83	46.47	54.00	-7.53	AVG
3	17265.000	44.20	20.00	64.20	68.20	-4.00	peak

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:	3m
Test item:	Harmonic		
Frequency:	5795MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



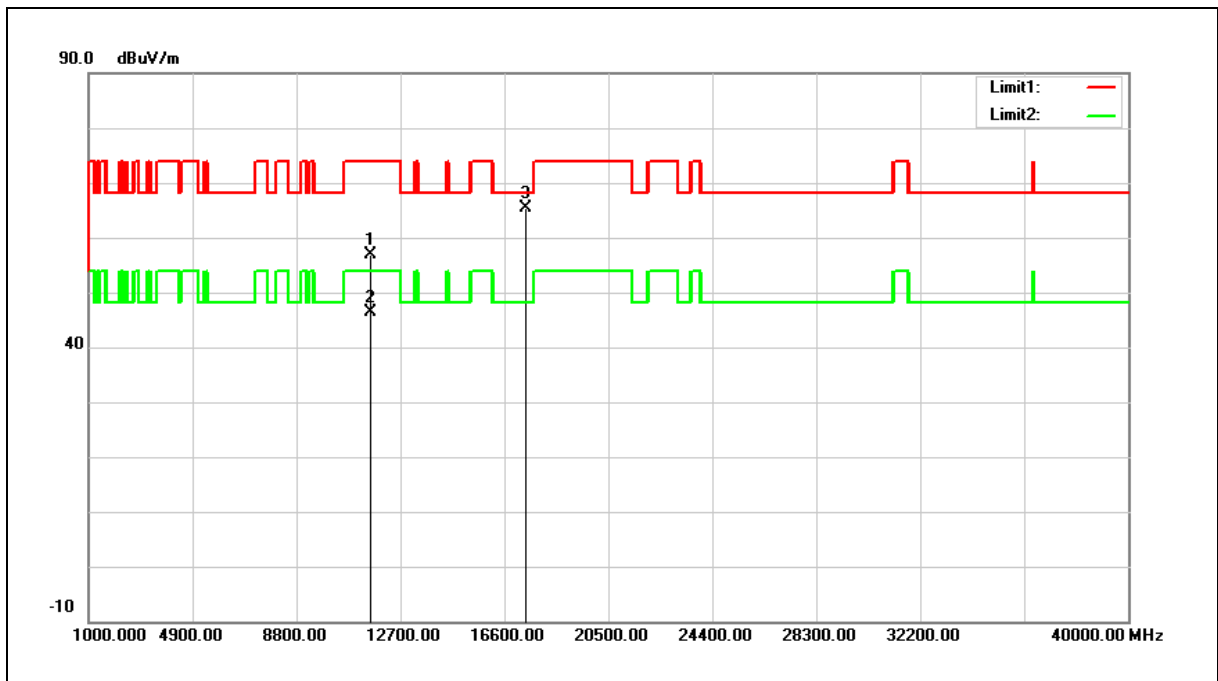
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	38.27	14.70	52.97	74.00	-21.03	peak
2	11590.000	28.36	14.70	43.06	54.00	-10.94	AVG
3	17385.000	39.65	20.65	60.30	68.20	-7.90	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5795MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



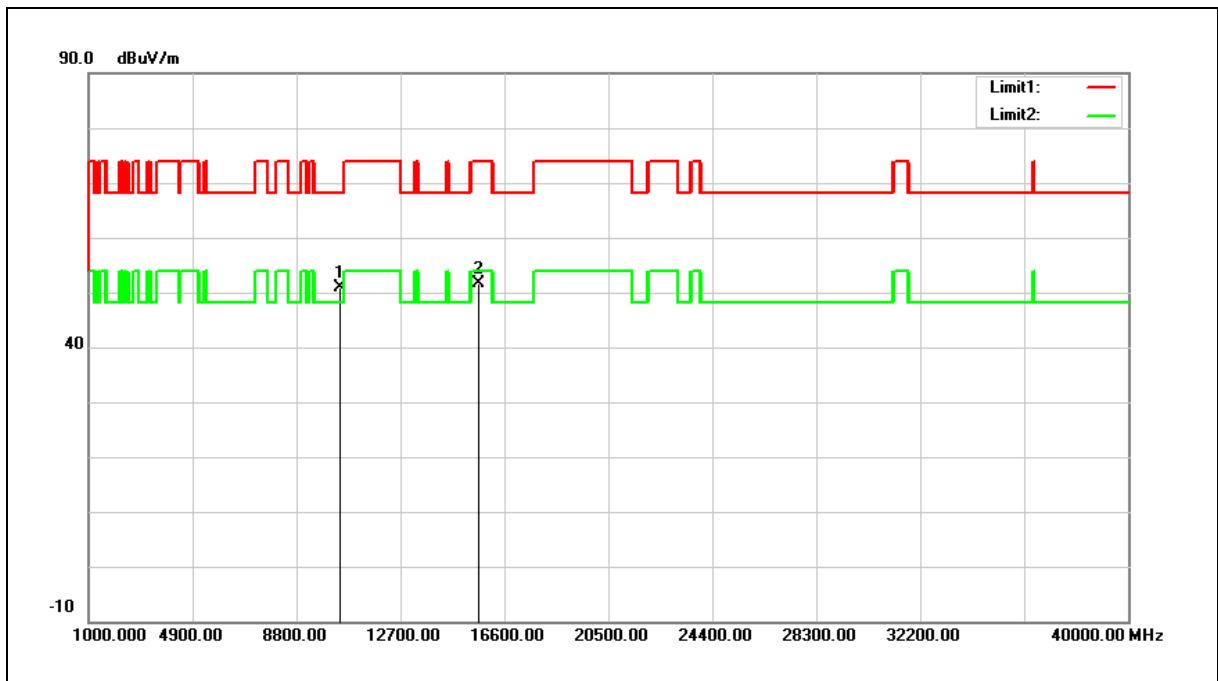
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	42.25	14.70	56.95	74.00	-17.05	peak
2	11590.000	31.69	14.70	46.39	54.00	-7.61	AVG
3	17385.000	44.76	20.65	65.41	68.20	-2.79	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5210MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



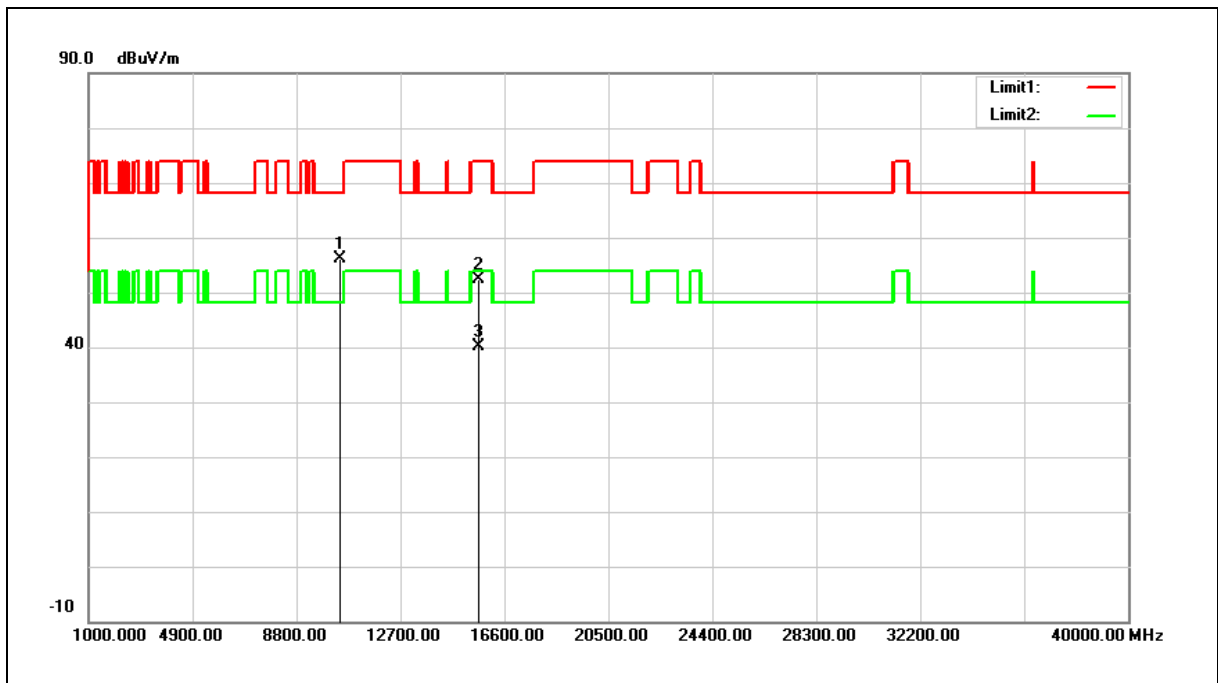
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	37.31	13.49	50.80	68.20	-17.40	peak
2	15630.000	35.99	15.55	51.54	74.00	-22.46	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5210MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



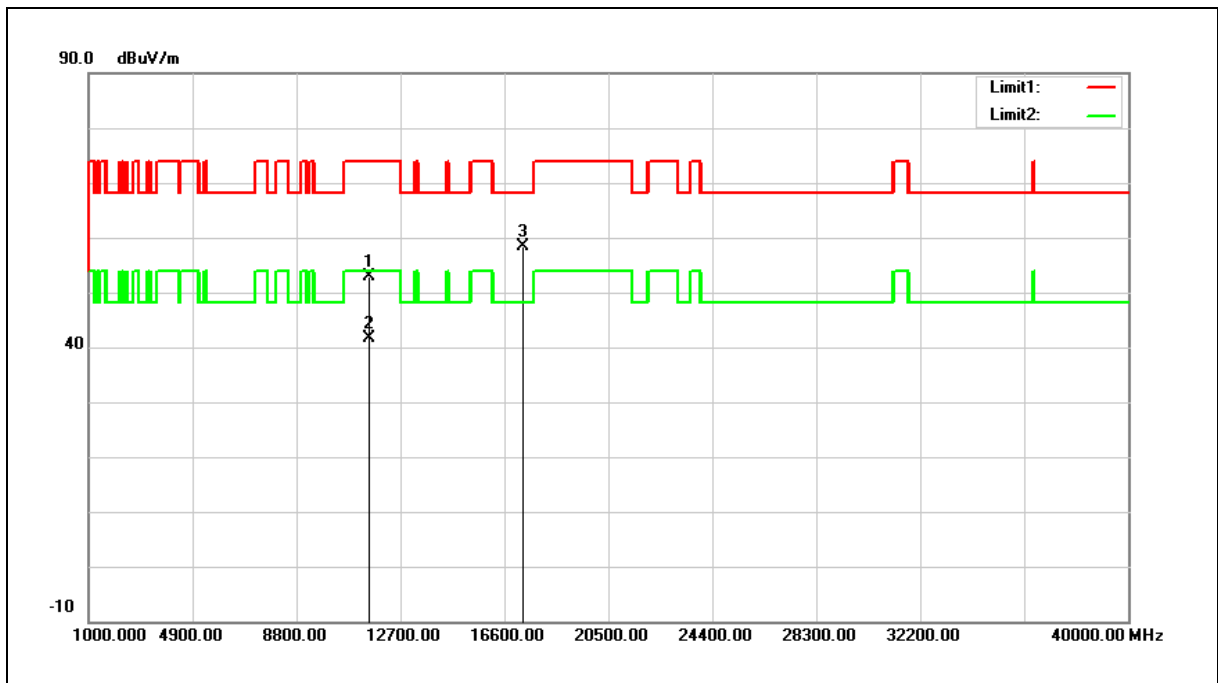
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	42.65	13.49	56.14	68.20	-12.06	peak
2	15630.000	36.94	15.55	52.49	74.00	-21.51	peak
3	15630.000	24.70	15.55	40.25	54.00	-13.75	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5775MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



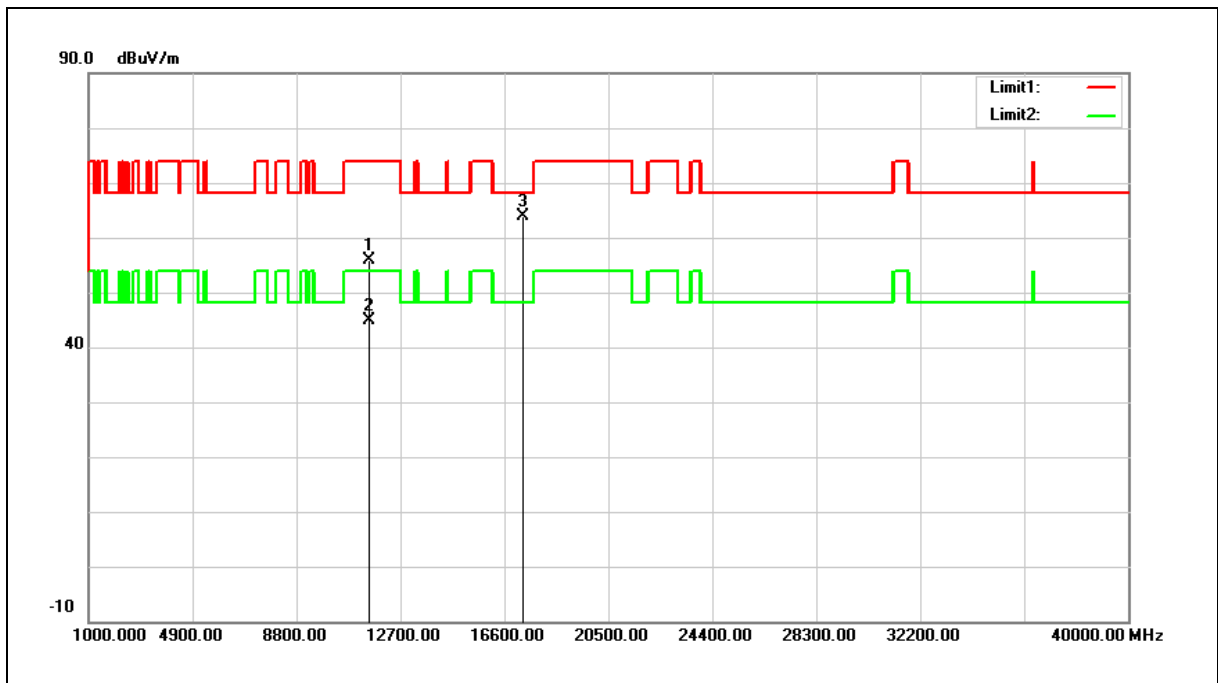
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	38.10	14.77	52.87	74.00	-21.13	peak
2	11550.000	26.86	14.77	41.63	54.00	-12.37	AVG
3	17325.000	38.18	20.32	58.50	68.20	-9.70	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5775MHz		
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	11550.000	41.06	14.77	55.83	74.00	-18.17	peak
2	11550.000	30.03	14.77	44.80	54.00	-9.20	AVG
3	17325.000	43.54	20.32	63.86	68.20	-4.34	peak

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

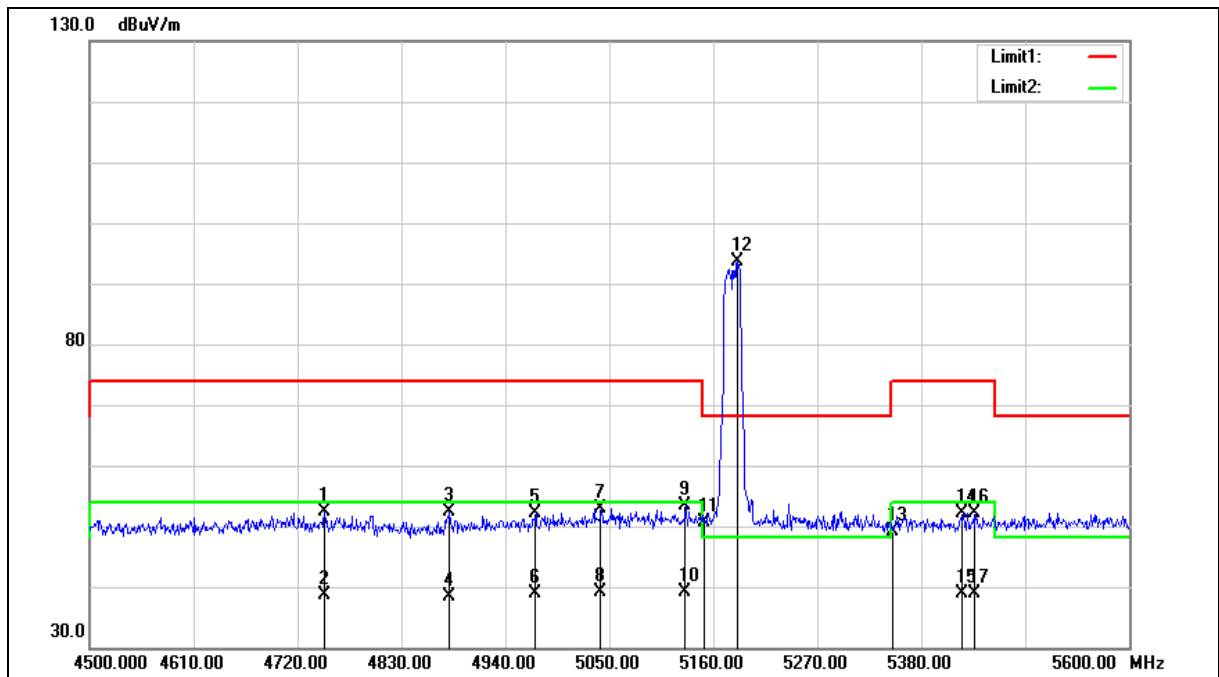
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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



Band Edge

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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5180MHz		
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	4748.600	53.80	-1.46	52.34	74.00	-21.66	peak
2	4748.600	40.05	-1.46	38.59	54.00	-15.41	AVG
3	4880.600	53.40	-1.10	52.30	74.00	-21.70	peak
4	4880.600	39.59	-1.10	38.49	54.00	-15.51	AVG
5	4971.900	52.92	-0.84	52.08	74.00	-21.92	peak
6	4971.900	39.73	-0.84	38.89	54.00	-15.11	AVG
7	5041.200	53.55	-0.69	52.86	74.00	-21.14	peak
8	5041.200	39.78	-0.69	39.09	54.00	-14.91	AVG
9	5130.300	53.87	-0.52	53.35	74.00	-20.65	peak
10	5130.300	39.55	-0.52	39.03	54.00	-14.97	AVG
11	5150.000	51.22	-0.48	50.74	74.00	-23.26	peak
12	5185.300	93.91	-0.40	93.51	--	--	peak
13	5350.000	49.33	-0.08	49.25	74.00	-24.75	peak
14	5424.000	52.11	0.06	52.17	74.00	-21.83	peak
15	5424.000	38.73	0.06	38.79	54.00	-15.21	AVG
16	5437.200	52.11	0.09	52.20	74.00	-21.80	peak
17	5437.200	38.68	0.09	38.77	54.00	-15.23	AVG

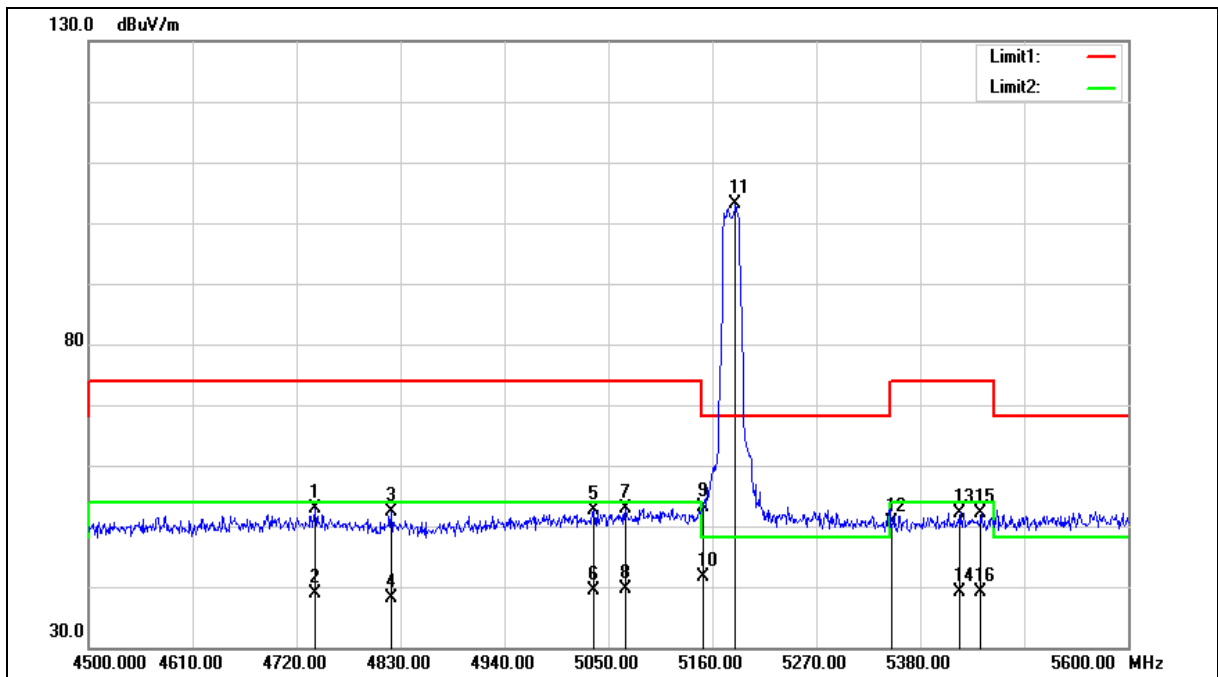
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5180MHz		
Mode:	Mode 2		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5180MHz		
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	4739.800	54.47	-1.48	52.99	74.00	-21.01	peak
2	4739.800	40.36	-1.48	38.88	54.00	-15.12	AVG
3	4820.100	53.66	-1.26	52.40	74.00	-21.60	peak
4	4820.100	39.40	-1.26	38.14	54.00	-15.86	AVG
5	5034.600	53.32	-0.70	52.62	74.00	-21.38	peak
6	5034.600	39.97	-0.70	39.27	54.00	-14.73	AVG
7	5067.600	53.59	-0.64	52.95	74.00	-21.05	peak
8	5067.600	40.20	-0.64	39.56	54.00	-14.44	AVG
9	5150.000	53.52	-0.48	53.04	74.00	-20.96	peak
10	5150.000	42.05	-0.48	41.57	54.00	-12.43	AVG
11	5184.200	103.53	-0.40	103.13	--	--	peak
12	5350.000	50.69	-0.08	50.61	74.00	-23.39	peak
13	5421.800	52.19	0.06	52.25	74.00	-21.75	peak
14	5421.800	39.17	0.06	39.23	54.00	-14.77	AVG
15	5443.800	51.92	0.11	52.03	74.00	-21.97	peak
16	5443.800	39.04	0.11	39.15	54.00	-14.85	AVG

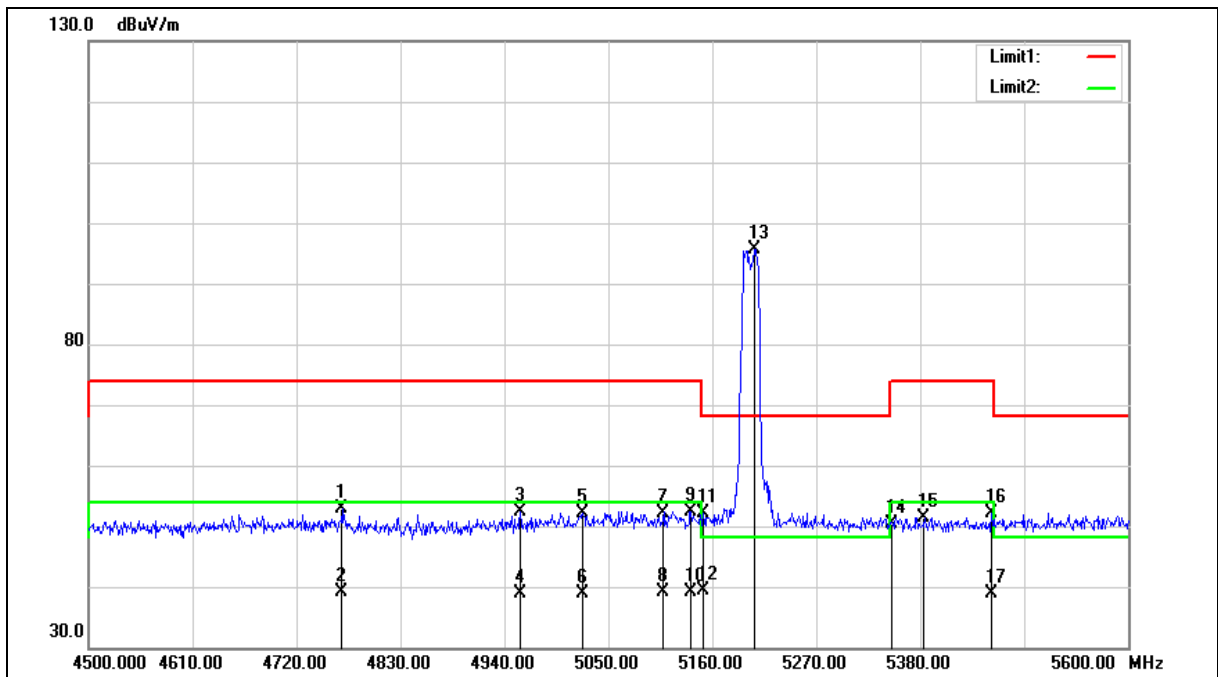
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5200MHz		
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	4768.400	54.38	-1.41	52.97	74.00	-21.03	peak
2	4768.400	40.42	-1.41	39.01	54.00	-14.99	AVG
3	4956.500	53.29	-0.89	52.40	74.00	-21.60	peak
4	4956.500	39.73	-0.89	38.84	54.00	-15.16	AVG
5	5022.500	52.74	-0.72	52.02	74.00	-21.98	peak
6	5022.500	39.71	-0.72	38.99	54.00	-15.01	AVG
7	5108.300	52.81	-0.56	52.25	74.00	-21.75	peak
8	5108.300	39.58	-0.56	39.02	54.00	-14.98	AVG
9	5136.900	52.85	-0.50	52.35	74.00	-21.65	peak
10	5136.900	39.63	-0.50	39.13	54.00	-14.87	AVG
11	5150.000	52.65	-0.48	52.17	74.00	-21.83	peak
12	5150.000	39.77	-0.48	39.29	54.00	-14.71	AVG
13	5204.000	96.07	-0.37	95.70	--	--	peak
14	5350.000	50.42	-0.08	50.34	74.00	-23.66	peak
15	5384.400	51.47	-0.01	51.46	74.00	-22.54	peak
16	5454.800	51.97	0.12	52.09	74.00	-21.91	peak
17	5454.800	38.73	0.12	38.85	54.00	-15.15	AVG

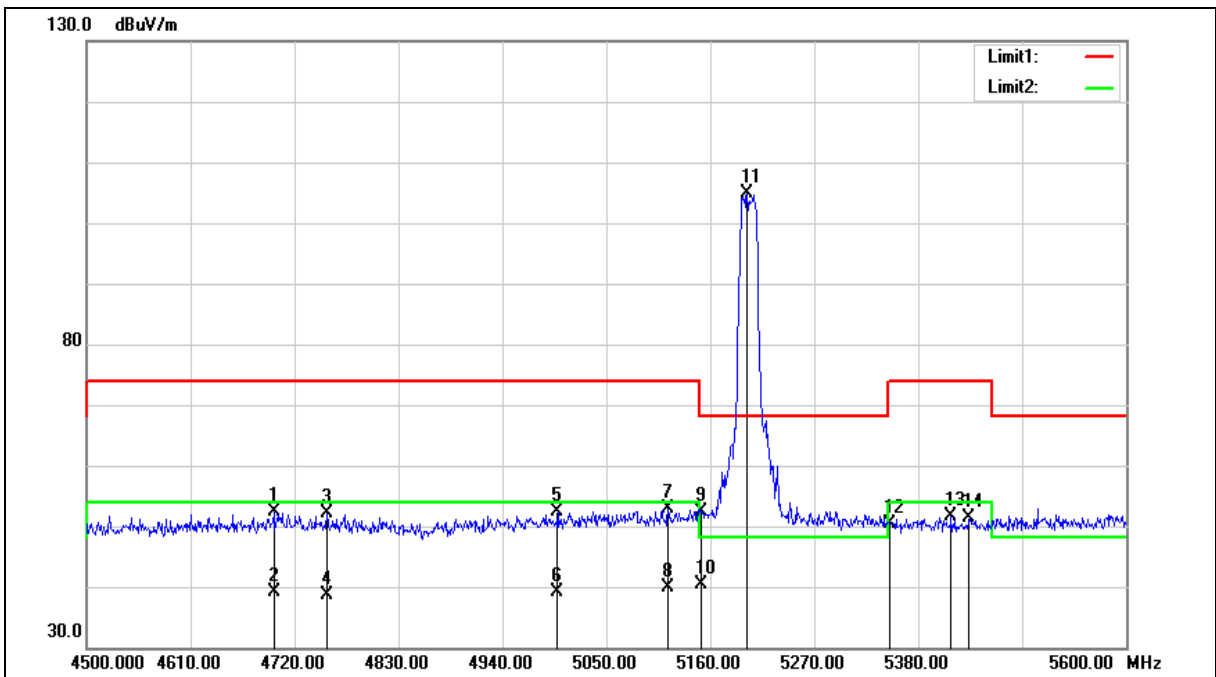
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5200MHz		
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	4698.000	53.95	-1.59	52.36	74.00	-21.64	peak
2	4698.000	40.64	-1.59	39.05	54.00	-14.95	AVG
3	4754.100	53.57	-1.45	52.12	74.00	-21.88	peak
4	4754.100	40.12	-1.45	38.67	54.00	-15.33	AVG
5	4998.300	53.03	-0.77	52.26	74.00	-21.74	peak
6	4998.300	39.89	-0.77	39.12	54.00	-14.88	AVG
7	5114.900	53.31	-0.54	52.77	74.00	-21.23	peak
8	5114.900	40.42	-0.54	39.88	54.00	-14.12	AVG
9	5150.000	52.88	-0.48	52.40	74.00	-21.60	peak
10	5150.000	40.96	-0.48	40.48	54.00	-13.52	AVG
11	5198.500	105.17	-0.37	104.80	--	--	peak
12	5350.000	50.50	-0.08	50.42	74.00	-23.58	peak
13	5414.100	51.57	0.05	51.62	74.00	-22.38	peak
14	5433.900	51.37	0.09	51.46	74.00	-22.54	peak

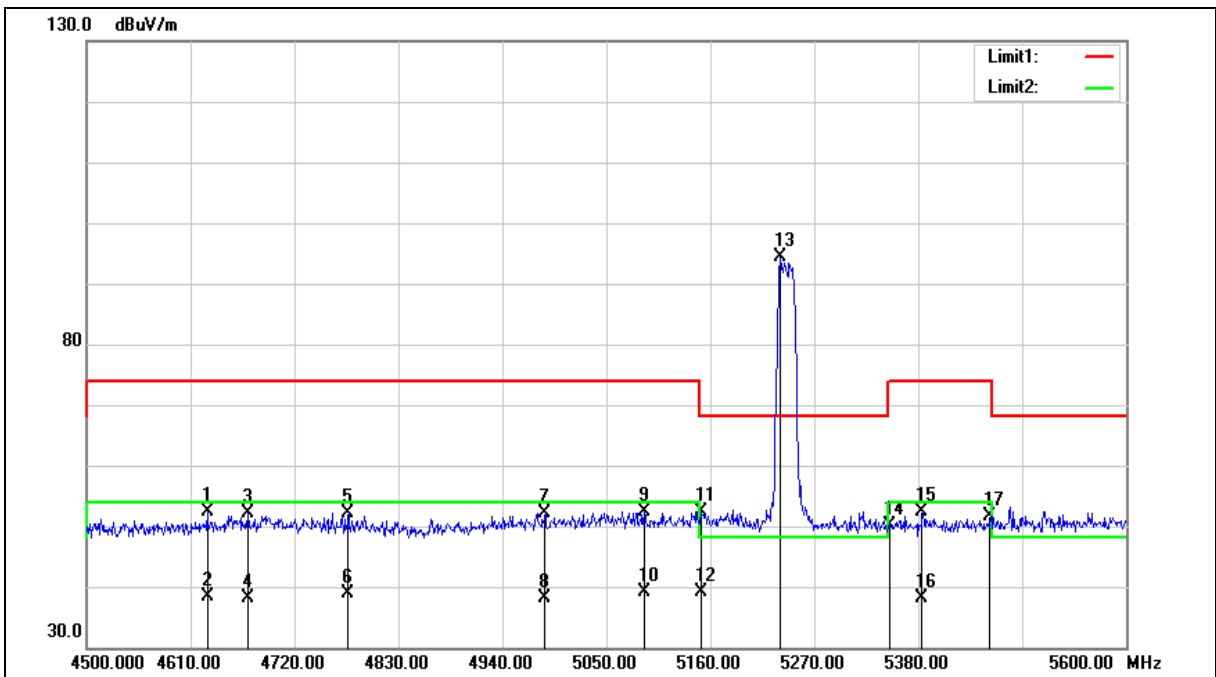
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5240MHz		
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	4627.600	54.23	-1.80	52.43	74.00	-21.57	peak
2	4627.600	40.17	-1.80	38.37	54.00	-15.63	AVG
3	4670.500	53.83	-1.67	52.16	74.00	-21.84	peak
4	4670.500	39.79	-1.67	38.12	54.00	-15.88	AVG
5	4777.200	53.39	-1.38	52.01	74.00	-21.99	peak
6	4777.200	40.30	-1.38	38.92	54.00	-15.08	AVG
7	4985.100	53.04	-0.82	52.22	74.00	-21.78	peak
8	4985.100	38.93	-0.82	38.11	54.00	-15.89	AVG
9	5089.600	53.05	-0.60	52.45	74.00	-21.55	peak
10	5089.600	39.61	-0.60	39.01	54.00	-14.99	AVG
11	5150.000	52.91	-0.48	52.43	74.00	-21.57	peak
12	5150.000	39.56	-0.48	39.08	54.00	-14.92	AVG
13	5233.700	94.71	-0.31	94.40	--	--	peak
14	5350.000	50.13	-0.08	50.05	74.00	-23.95	peak
15	5384.400	52.37	-0.01	52.36	74.00	-21.64	peak
16	5384.400	38.19	-0.01	38.18	54.00	-15.82	AVG
17	5455.900	51.59	0.12	51.71	74.00	-22.29	peak

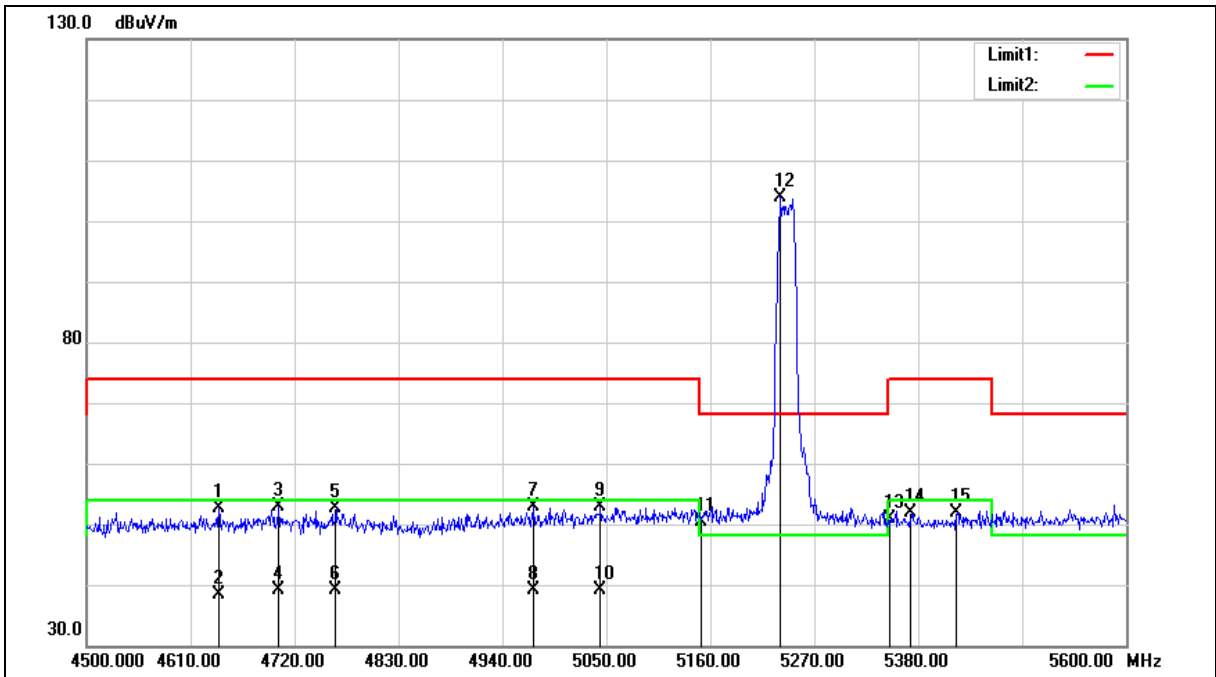
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5240MHz		
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	4639.700	54.32	-1.76	52.56	74.00	-21.44	peak
2	4639.700	40.19	-1.76	38.43	54.00	-15.57	AVG
3	4703.500	54.52	-1.58	52.94	74.00	-21.06	peak
4	4703.500	40.60	-1.58	39.02	54.00	-14.98	AVG
5	4764.000	54.05	-1.41	52.64	74.00	-21.36	peak
6	4764.000	40.45	-1.41	39.04	54.00	-14.96	AVG
7	4973.000	53.66	-0.84	52.82	74.00	-21.18	peak
8	4973.000	39.85	-0.84	39.01	54.00	-14.99	AVG
9	5043.400	53.50	-0.69	52.81	74.00	-21.19	peak
10	5043.400	39.94	-0.69	39.25	54.00	-14.75	AVG
11	5150.000	50.74	-0.48	50.26	74.00	-23.74	peak
12	5233.700	104.22	-0.31	103.91	--	--	peak
13	5350.000	50.90	-0.08	50.82	74.00	-23.18	peak
14	5372.300	51.82	-0.03	51.79	74.00	-22.21	peak
15	5420.700	51.83	0.06	51.89	74.00	-22.11	peak

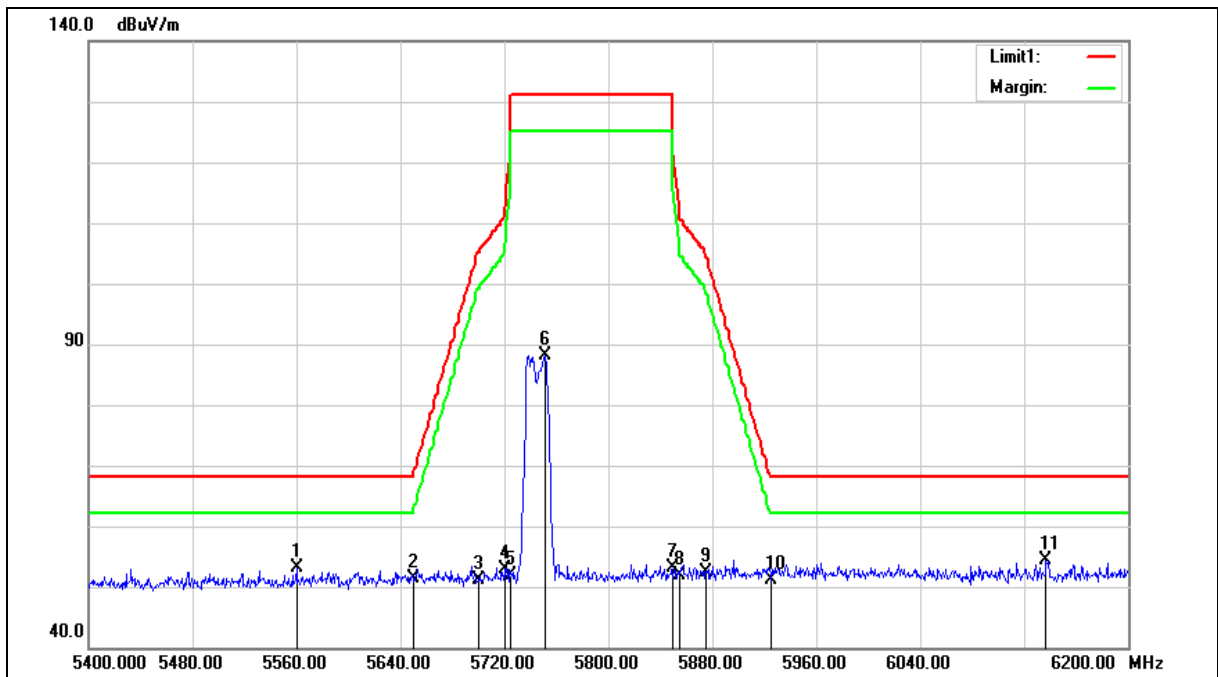
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5745MHz		
Mode:	Mode 2		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5745MHz		
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	5560.000	52.78	0.39	53.17	68.20	-15.03	peak
2	5650.000	50.87	0.62	51.49	68.20	-16.71	peak
3	5700.000	50.48	0.75	51.23	105.20	-53.97	peak
4	5720.000	51.99	0.81	52.80	110.80	-58.00	peak
5	5725.000	51.15	0.82	51.97	122.20	-70.23	peak
6	5751.200	87.26	0.90	88.16	--	--	peak
7	5850.000	51.95	1.17	53.12	122.20	-69.08	peak
8	5855.000	50.81	1.18	51.99	110.80	-58.81	peak
9	5875.000	51.15	1.23	52.38	105.20	-52.82	peak
10	5925.000	49.86	1.37	51.23	68.20	-16.97	peak
11	6136.800	52.33	2.06	54.39	68.20	-13.81	peak

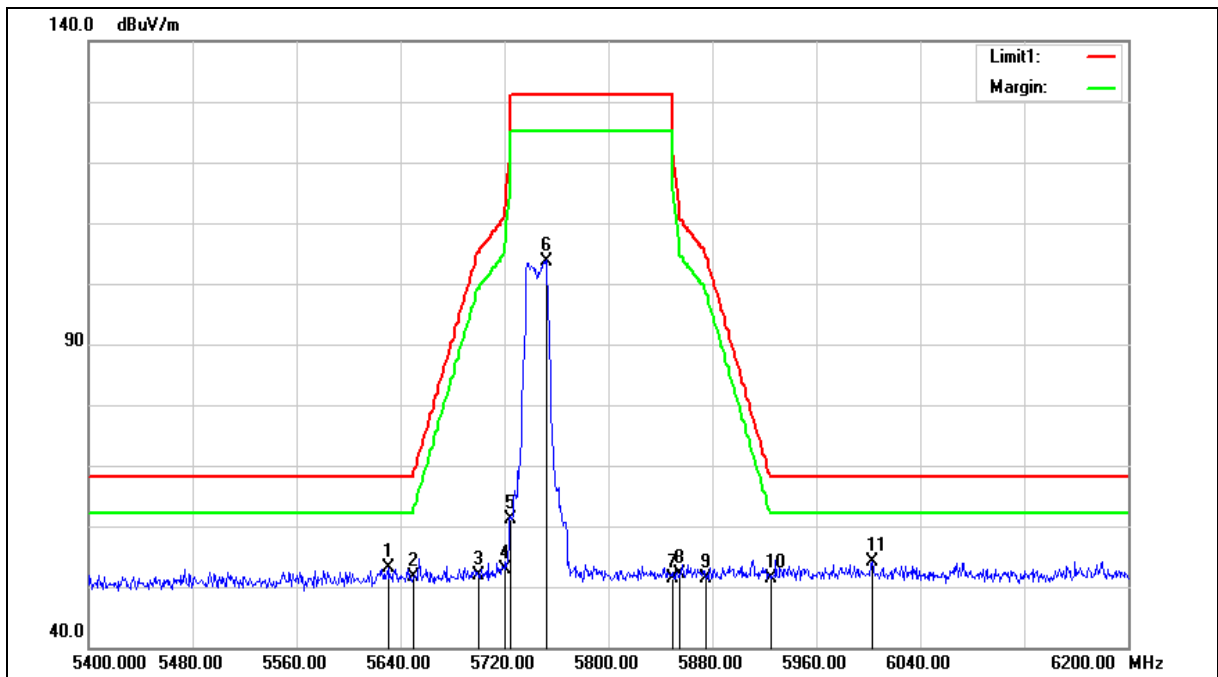
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5745MHz		
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	5631.200	52.55	0.58	53.13	68.20	-15.07	peak
2	5650.000	51.06	0.62	51.68	68.20	-16.52	peak
3	5700.000	51.19	0.75	51.94	105.20	-53.26	peak
4	5720.000	52.11	0.81	52.92	110.80	-57.88	peak
5	5725.000	60.31	0.82	61.13	122.20	-61.07	peak
6	5752.000	102.85	0.90	103.75	--	--	peak
7	5850.000	50.11	1.17	51.28	122.20	-70.92	peak
8	5855.000	50.90	1.18	52.08	110.80	-58.72	peak
9	5875.000	50.16	1.23	51.39	105.20	-53.81	peak
10	5925.000	49.94	1.37	51.31	68.20	-16.89	peak
11	6003.200	52.59	1.58	54.17	68.20	-14.03	peak

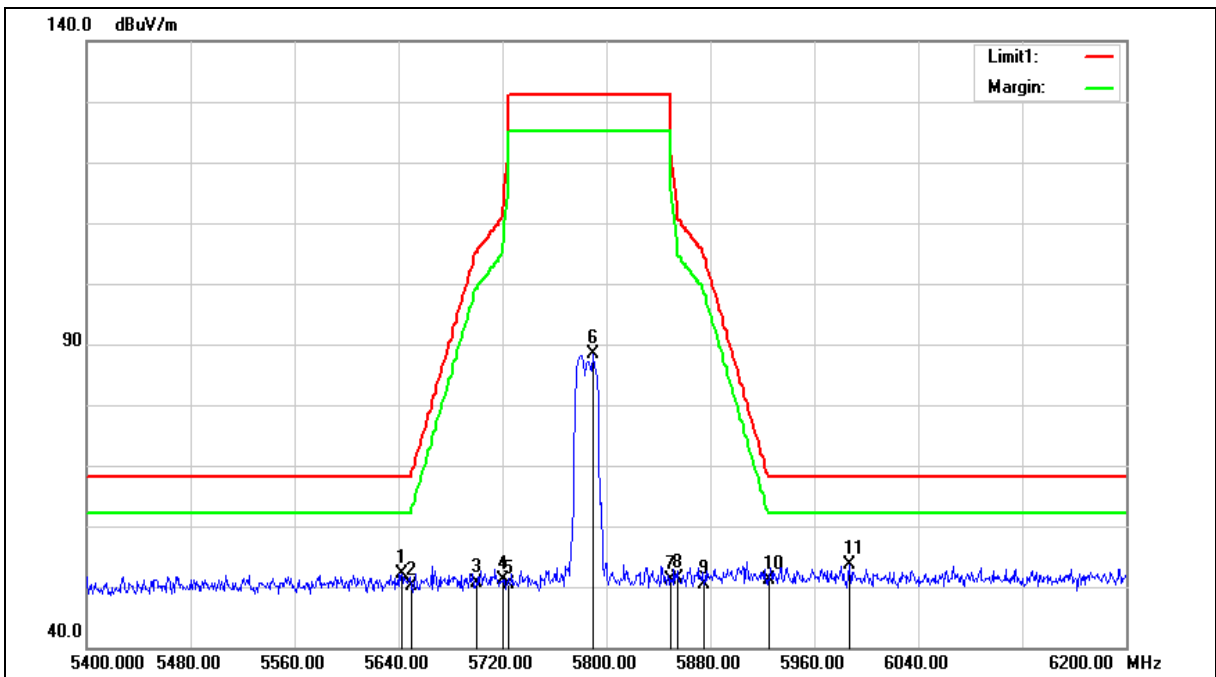
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5785MHz		
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	5642.400	51.57	0.60	52.17	68.20	-16.03	peak
2	5650.000	49.47	0.62	50.09	68.20	-18.11	peak
3	5700.000	49.91	0.75	50.66	105.20	-54.54	peak
4	5720.000	50.36	0.81	51.17	110.80	-59.63	peak
5	5725.000	49.65	0.82	50.47	122.20	-71.73	peak
6	5789.600	87.50	0.99	88.49	--	--	peak
7	5850.000	50.05	1.17	51.22	122.20	-70.98	peak
8	5855.000	50.29	1.18	51.47	110.80	-59.33	peak
9	5875.000	49.17	1.23	50.40	105.20	-54.80	peak
10	5925.000	49.65	1.37	51.02	68.20	-17.18	peak
11	5987.200	51.98	1.53	53.51	68.20	-14.69	peak

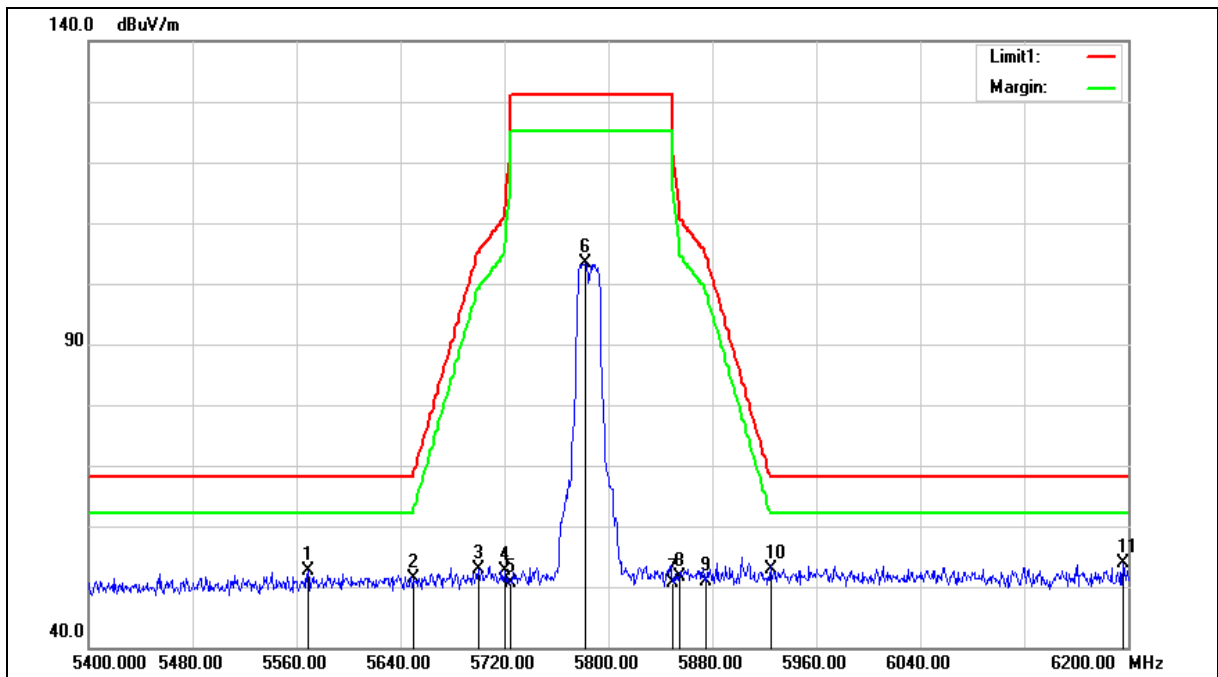
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5785MHz		
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	5568.800	52.25	0.40	52.65	68.20	-15.55	peak
2	5650.000	50.68	0.62	51.30	68.20	-16.90	peak
3	5700.000	52.24	0.75	52.99	105.20	-52.21	peak
4	5720.000	51.79	0.81	52.60	110.80	-58.20	peak
5	5725.000	49.88	0.82	50.70	122.20	-71.50	peak
6	5782.400	102.37	0.98	103.35	--	--	peak
7	5850.000	49.38	1.17	50.55	122.20	-71.65	peak
8	5855.000	50.48	1.18	51.66	110.80	-59.14	peak
9	5875.000	49.72	1.23	50.95	105.20	-54.25	peak
10	5925.000	51.58	1.37	52.95	68.20	-15.25	peak
11	6196.000	51.64	2.26	53.90	68.20	-14.30	peak

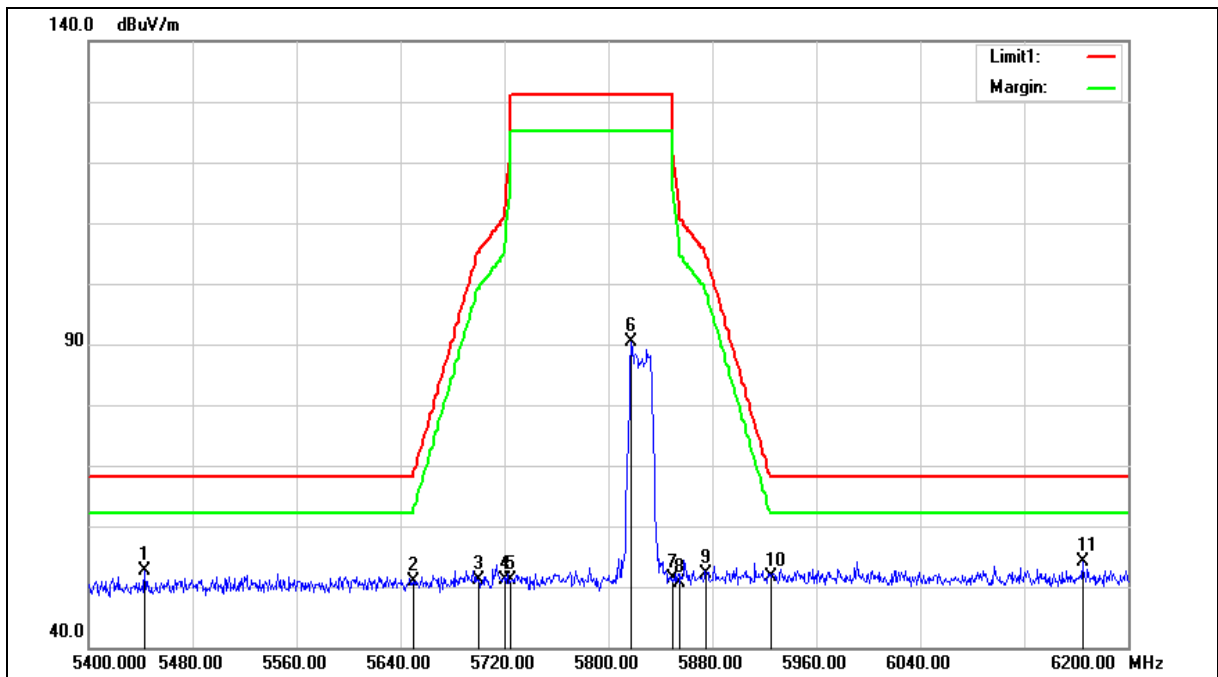
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5825MHz		
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	5443.200	52.49	0.10	52.59	68.20	-15.61	peak
2	5650.000	50.22	0.62	50.84	68.20	-17.36	peak
3	5700.000	50.44	0.75	51.19	105.20	-54.01	peak
4	5720.000	50.21	0.81	51.02	110.80	-59.78	peak
5	5725.000	50.38	0.82	51.20	122.20	-71.00	peak
6	5817.600	89.38	1.07	90.45	--	--	peak
7	5850.000	50.10	1.17	51.27	122.20	-70.93	peak
8	5855.000	49.36	1.18	50.54	110.80	-60.26	peak
9	5875.000	50.98	1.23	52.21	105.20	-52.99	peak
10	5925.000	50.37	1.37	51.74	68.20	-16.46	peak
11	6164.800	51.99	2.15	54.14	68.20	-14.06	peak

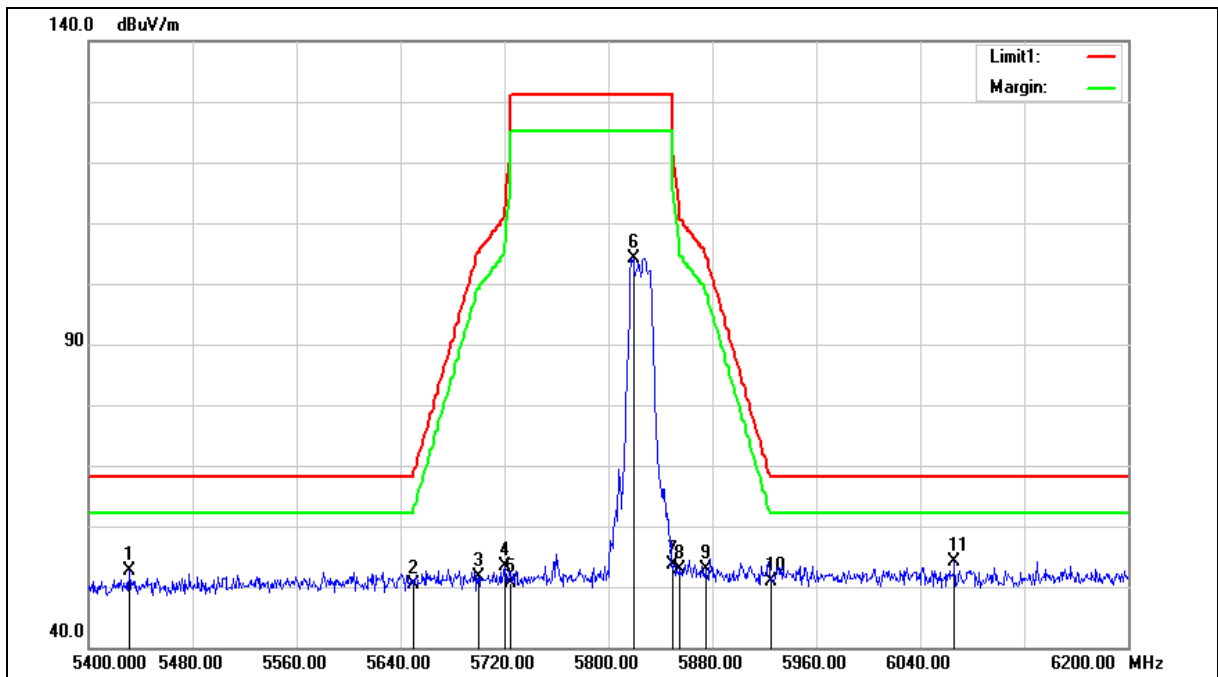
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5825MHz		
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	5431.200	52.44	0.08	52.52	68.20	-15.68	peak
2	5650.000	49.77	0.62	50.39	68.20	-17.81	peak
3	5700.000	50.87	0.75	51.62	105.20	-53.58	peak
4	5720.000	52.67	0.81	53.48	110.80	-57.32	peak
5	5725.000	49.80	0.82	50.62	122.20	-71.58	peak
6	5819.200	103.16	1.08	104.24	--	--	peak
7	5850.000	52.46	1.17	53.63	122.20	-68.57	peak
8	5855.000	51.68	1.18	52.86	110.80	-57.94	peak
9	5875.000	51.65	1.23	52.88	105.20	-52.32	peak
10	5925.000	49.58	1.37	50.95	68.20	-17.25	peak
11	6066.400	52.38	1.80	54.18	68.20	-14.02	peak

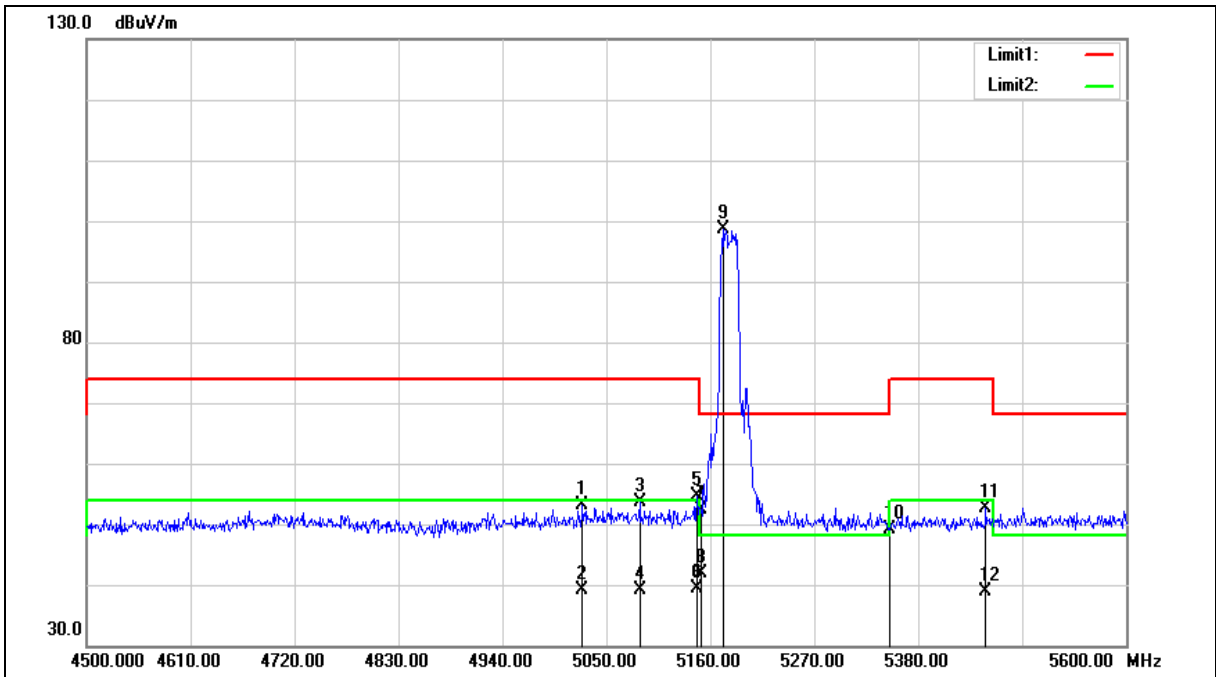
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5180MHz		
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	5024.700	53.85	-0.72	53.13	74.00	-20.87	peak
2	5024.700	39.73	-0.72	39.01	54.00	-14.99	AVG
3	5085.200	54.11	-0.60	53.51	74.00	-20.49	peak
4	5085.200	39.77	-0.60	39.17	54.00	-14.83	AVG
5	5145.700	55.02	-0.48	54.54	74.00	-19.46	peak
6	5145.700	39.86	-0.48	39.38	54.00	-14.62	AVG
7	5150.000	52.96	-0.48	52.48	74.00	-21.52	peak
8	5150.000	42.36	-0.48	41.88	54.00	-12.12	AVG
9	5173.200	99.12	-0.43	98.69	--	--	peak
10	5350.000	49.24	-0.08	49.16	74.00	-24.84	peak
11	5451.500	52.39	0.12	52.51	74.00	-21.49	peak
12	5451.500	38.65	0.12	38.77	54.00	-15.23	AVG

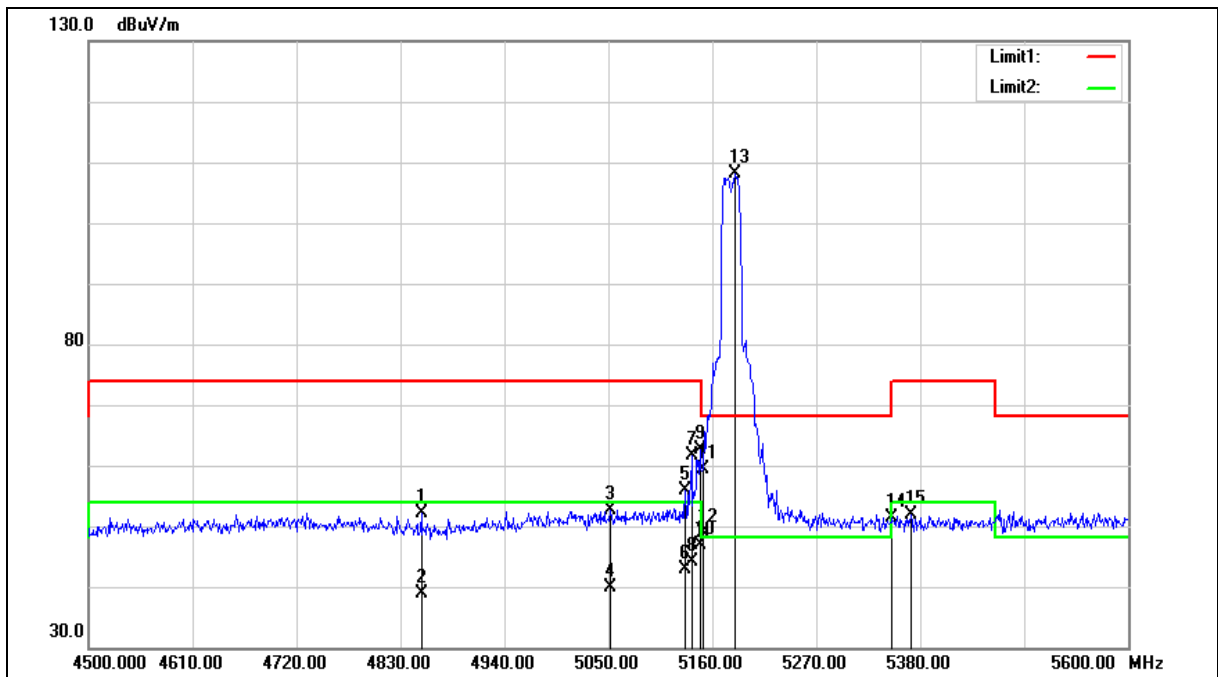
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5180MHz		
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	4852.000	53.31	-1.18	52.13	74.00	-21.87	peak
2	4852.000	40.17	-1.18	38.99	54.00	-15.01	AVG
3	5052.200	53.39	-0.66	52.73	74.00	-21.27	peak
4	5052.200	40.48	-0.66	39.82	54.00	-14.18	AVG
5	5131.400	56.44	-0.51	55.93	74.00	-18.07	peak
6	5131.400	43.29	-0.51	42.78	54.00	-11.22	AVG
7	5138.000	62.16	-0.49	61.67	74.00	-12.33	peak
8	5138.000	44.54	-0.49	44.05	54.00	-9.95	AVG
9	5146.800	63.08	-0.48	62.60	74.00	-11.40	peak
10	5146.800	47.39	-0.48	46.91	54.00	-7.09	AVG
11	5150.000	59.86	-0.48	59.38	74.00	-14.62	peak
12	5150.000	49.27	-0.48	48.79	54.00	-5.21	AVG
13	5184.200	108.48	-0.40	108.08	--	--	peak
14	5350.000	51.49	-0.08	51.41	74.00	-22.59	peak
15	5370.100	51.84	-0.03	51.81	74.00	-22.19	peak

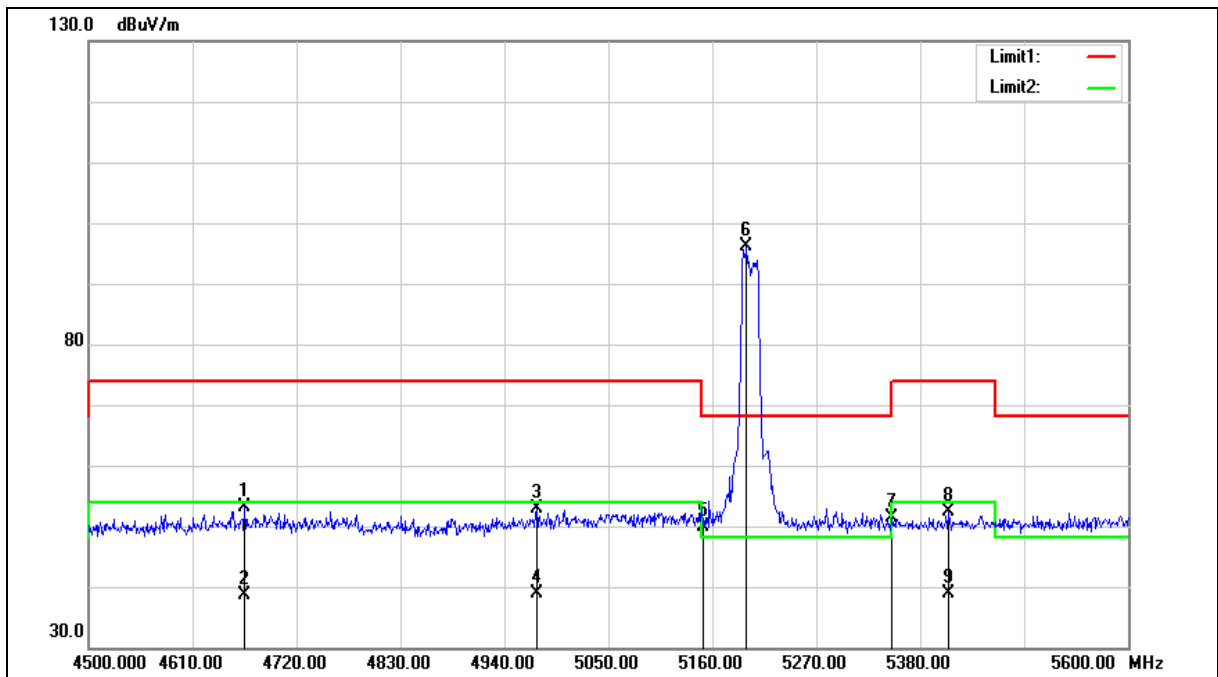
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5200MHz		
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	4665.000	54.79	-1.69	53.10	74.00	-20.90	peak
2	4665.000	40.38	-1.69	38.69	54.00	-15.31	AVG
3	4974.100	53.62	-0.84	52.78	74.00	-21.22	peak
4	4974.100	39.65	-0.84	38.81	54.00	-15.19	AVG
5	5150.000	50.45	-0.48	49.97	74.00	-24.03	peak
6	5196.300	96.50	-0.38	96.12	--	--	peak
7	5350.000	51.40	-0.08	51.32	74.00	-22.68	peak
8	5409.700	52.32	0.04	52.36	74.00	-21.64	peak
9	5409.700	38.94	0.04	38.98	54.00	-15.02	AVG

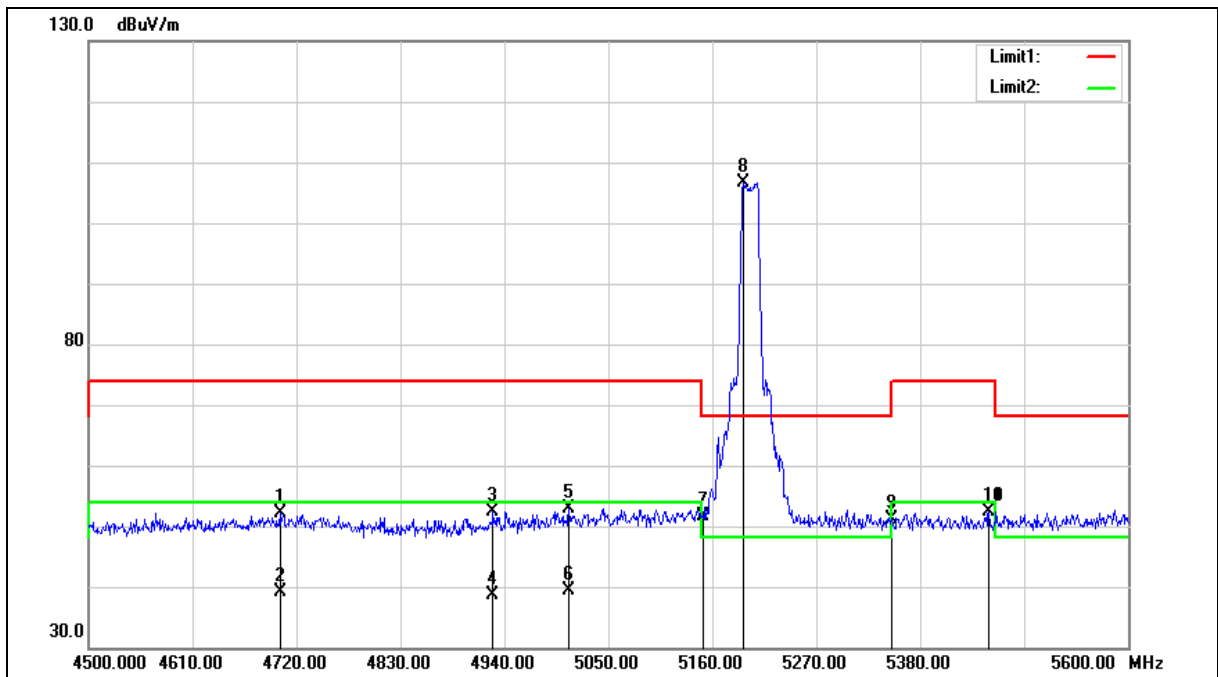
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5200MHz		
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	4702.400	53.77	-1.59	52.18	74.00	-21.82	peak
2	4702.400	40.67	-1.59	39.08	54.00	-14.92	AVG
3	4927.900	53.37	-0.96	52.41	74.00	-21.59	peak
4	4927.900	39.61	-0.96	38.65	54.00	-15.35	AVG
5	5008.200	53.62	-0.75	52.87	74.00	-21.13	peak
6	5008.200	40.01	-0.75	39.26	54.00	-14.74	AVG
7	5150.000	52.08	-0.48	51.60	74.00	-22.40	peak
8	5193.000	107.09	-0.40	106.69	--	--	peak
9	5350.000	51.21	-0.08	51.13	74.00	-22.87	peak
10	5452.600	52.24	0.12	52.36	74.00	-21.64	peak
11	5452.600	52.24	0.12	52.36	54.00	-1.64	AVG

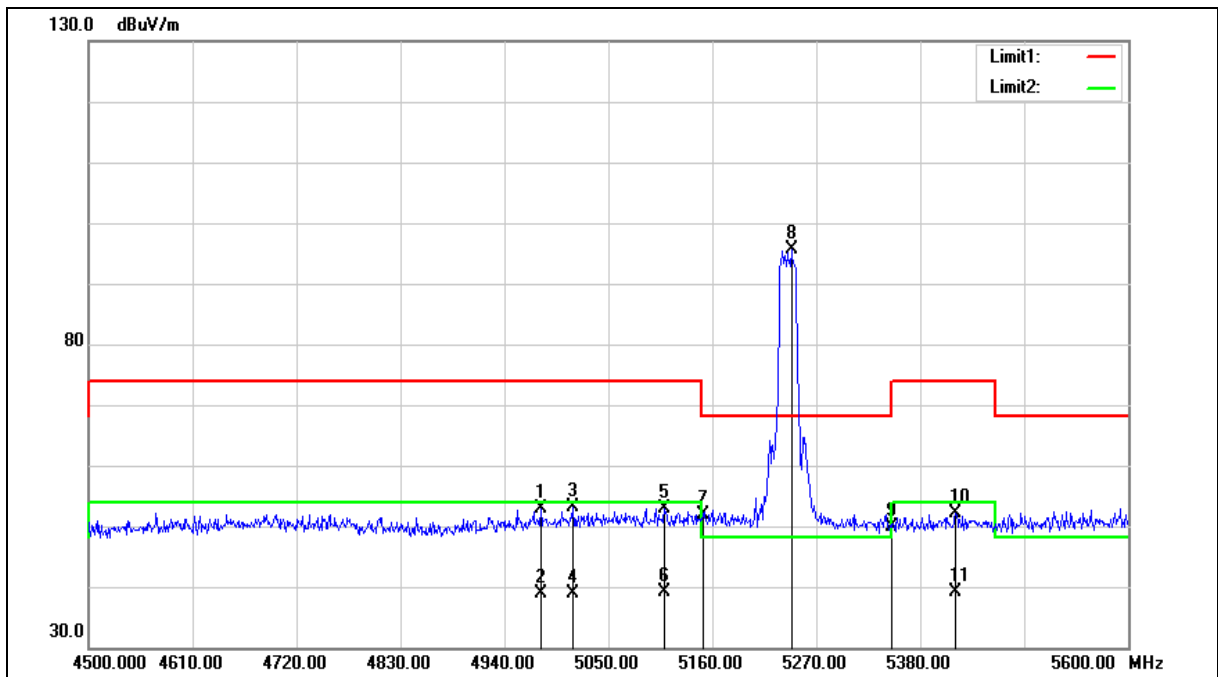
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5240MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5240MHz		
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	4978.500	53.77	-0.83	52.94	74.00	-21.06	peak
2	4978.500	39.68	-0.83	38.85	54.00	-15.15	AVG
3	5012.600	53.84	-0.74	53.10	74.00	-20.90	peak
4	5012.600	39.71	-0.74	38.97	54.00	-15.03	AVG
5	5109.400	53.43	-0.55	52.88	74.00	-21.12	peak
6	5109.400	39.71	-0.55	39.16	54.00	-14.84	AVG
7	5150.000	52.41	-0.48	51.93	74.00	-22.07	peak
8	5243.600	95.82	-0.29	95.53	--	--	peak
9	5350.000	50.05	-0.08	49.97	74.00	-24.03	peak
10	5417.400	52.09	0.05	52.14	74.00	-21.86	peak
11	5417.400	39.00	0.05	39.05	54.00	-14.95	AVG

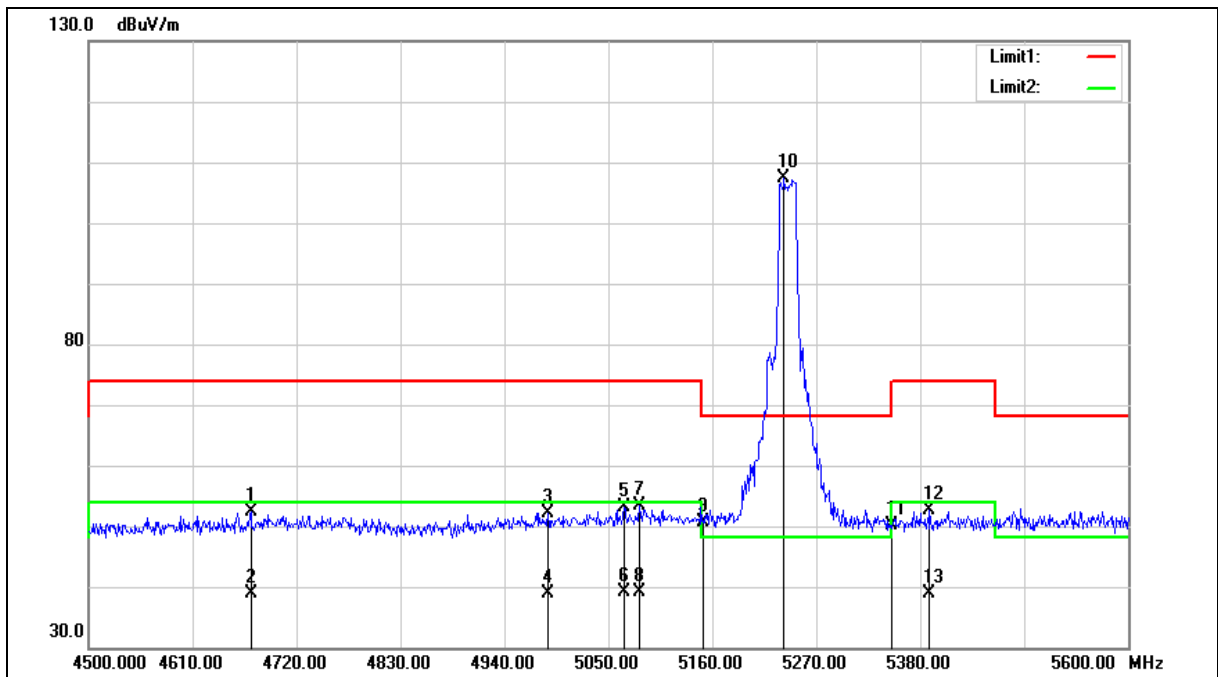
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5240MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5240MHz		
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	4671.600	54.12	-1.67	52.45	74.00	-21.55	peak
2	4671.600	40.54	-1.67	38.87	54.00	-15.13	AVG
3	4986.200	52.91	-0.81	52.10	74.00	-21.90	peak
4	4986.200	39.71	-0.81	38.90	54.00	-15.10	AVG
5	5066.500	53.86	-0.64	53.22	74.00	-20.78	peak
6	5066.500	39.76	-0.64	39.12	54.00	-14.88	AVG
7	5083.000	53.90	-0.60	53.30	74.00	-20.70	peak
8	5083.000	39.78	-0.60	39.18	54.00	-14.82	AVG
9	5150.000	51.17	-0.48	50.69	74.00	-23.31	peak
10	5235.900	107.70	-0.31	107.39	--	--	peak
11	5350.000	50.29	-0.08	50.21	74.00	-23.79	peak
12	5389.900	52.71	0.00	52.71	74.00	-21.29	peak
13	5389.900	38.81	0.00	38.81	54.00	-15.19	AVG

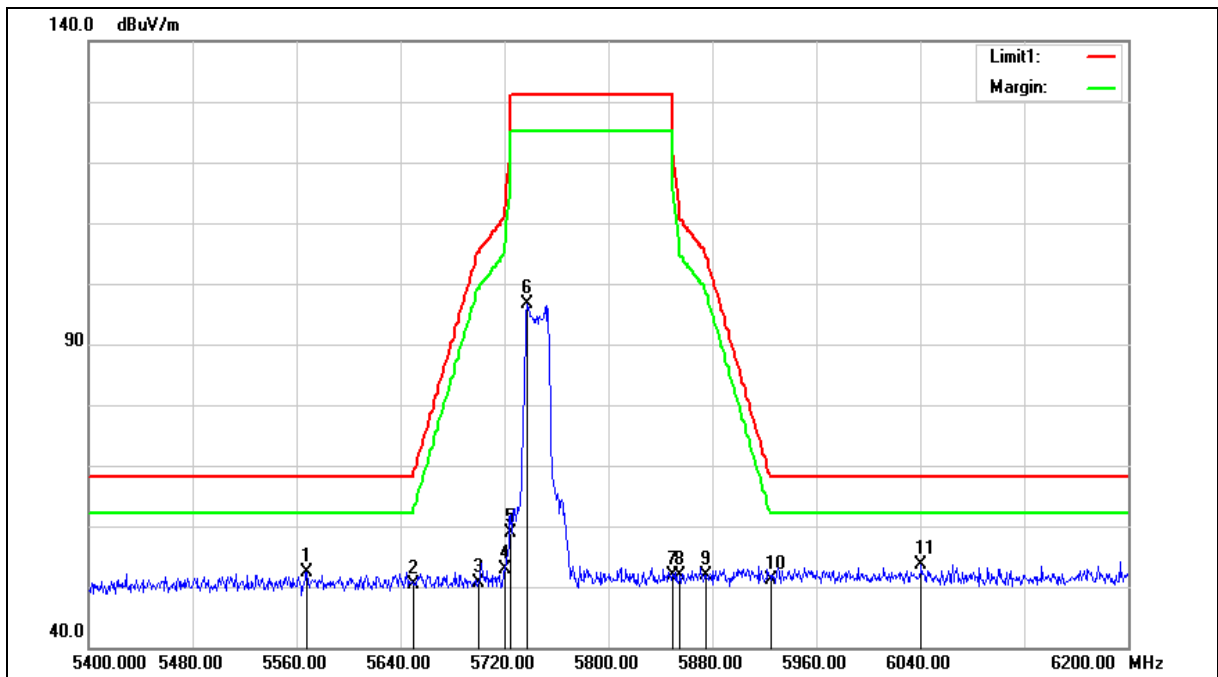
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5745MHz		
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	5568.000	51.98	0.40	52.38	68.20	-15.82	peak
2	5650.000	49.78	0.62	50.40	68.20	-17.80	peak
3	5700.000	49.78	0.75	50.53	105.20	-54.67	peak
4	5720.000	52.02	0.81	52.83	110.80	-57.97	peak
5	5725.000	57.96	0.82	58.78	122.20	-63.42	peak
6	5737.600	95.79	0.86	96.65	--	--	peak
7	5850.000	50.72	1.17	51.89	122.20	-70.31	peak
8	5855.000	50.65	1.18	51.83	110.80	-58.97	peak
9	5875.000	50.57	1.23	51.80	105.20	-53.40	peak
10	5925.000	49.68	1.37	51.05	68.20	-17.15	peak
11	6040.800	51.93	1.71	53.64	68.20	-14.56	peak

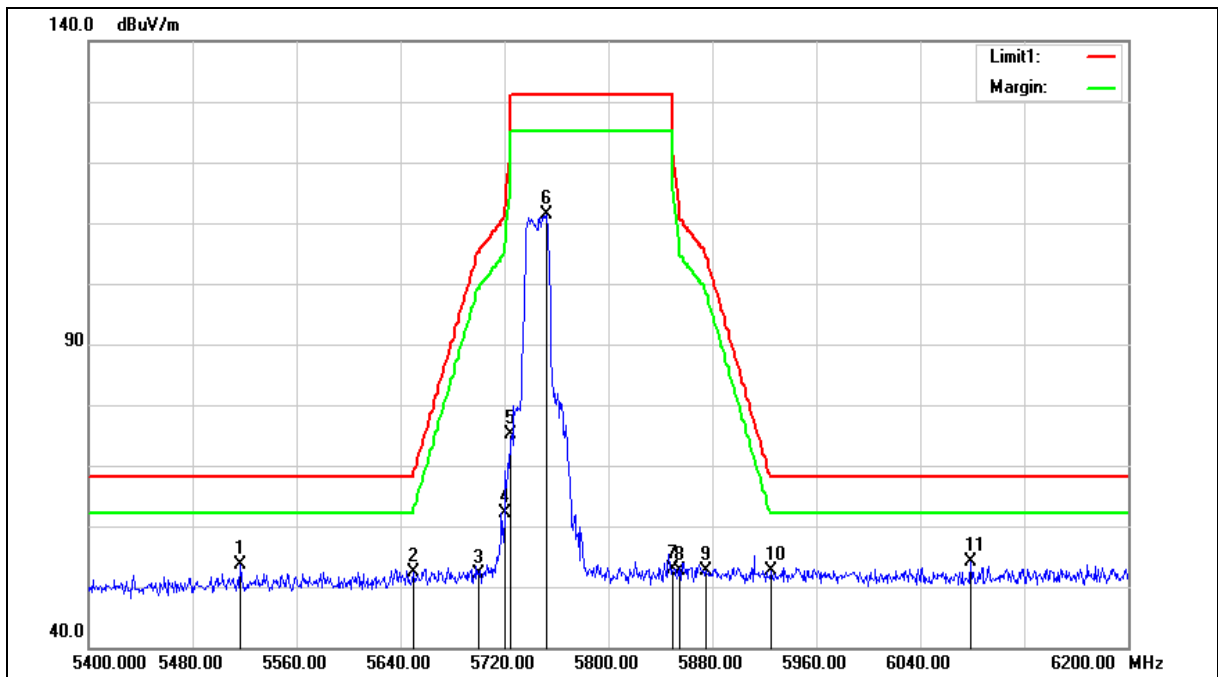
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5745MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5745MHz		
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	5516.800	53.36	0.27	53.63	68.20	-14.57	peak
2	5650.000	51.67	0.62	52.29	68.20	-15.91	peak
3	5700.000	51.35	0.75	52.10	105.20	-53.10	peak
4	5720.000	61.35	0.81	62.16	110.80	-48.64	peak
5	5725.000	74.37	0.82	75.19	122.20	-47.01	peak
6	5752.000	110.41	0.90	111.31	--	--	peak
7	5850.000	51.59	1.17	52.76	122.20	-69.44	peak
8	5855.000	51.44	1.18	52.62	110.80	-58.18	peak
9	5875.000	51.36	1.23	52.59	105.20	-52.61	peak
10	5925.000	51.17	1.37	52.54	68.20	-15.66	peak
11	6078.400	52.38	1.85	54.23	68.20	-13.97	peak

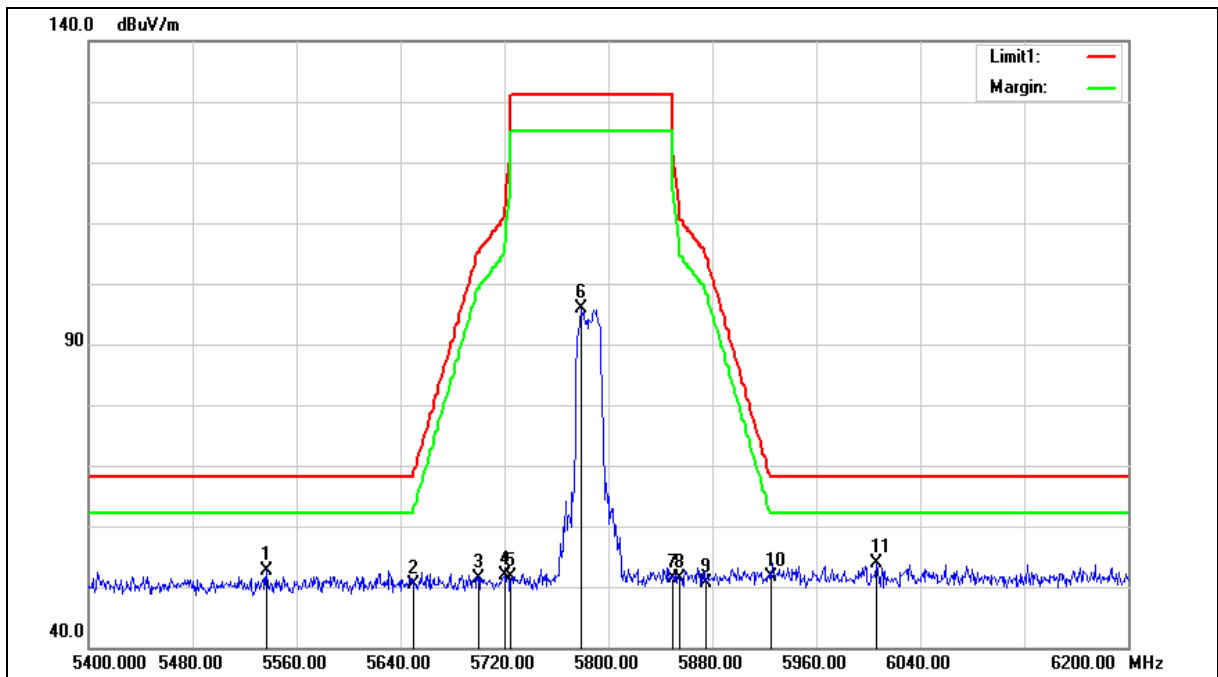
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5785MHz		
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	5536.800	52.41	0.32	52.73	68.20	-15.47	peak
2	5650.000	49.84	0.62	50.46	68.20	-17.74	peak
3	5700.000	50.58	0.75	51.33	105.20	-53.87	peak
4	5720.000	50.98	0.81	51.79	110.80	-59.01	peak
5	5725.000	50.69	0.82	51.51	122.20	-70.69	peak
6	5779.200	94.81	0.98	95.79	--	--	peak
7	5850.000	50.09	1.17	51.26	122.20	-70.94	peak
8	5855.000	50.21	1.18	51.39	110.80	-59.41	peak
9	5875.000	49.45	1.23	50.68	105.20	-54.52	peak
10	5925.000	50.36	1.37	51.73	68.20	-16.47	peak
11	6006.400	52.21	1.59	53.80	68.20	-14.40	peak

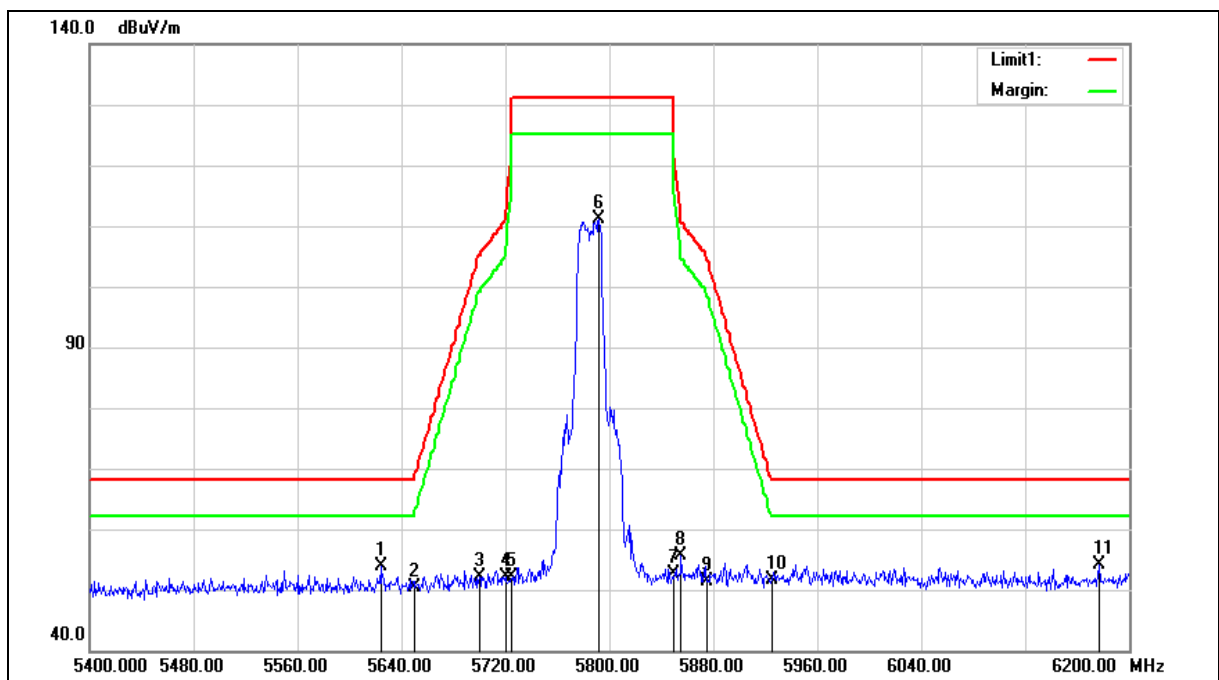
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5785MHz		
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	5624.000	53.27	0.55	53.82	68.20	-14.38	peak
2	5650.000	49.72	0.62	50.34	68.20	-17.86	peak
3	5700.000	51.43	0.75	52.18	105.20	-53.02	peak
4	5720.000	51.21	0.81	52.02	110.80	-58.78	peak
5	5725.000	51.41	0.82	52.23	122.20	-69.97	peak
6	5792.000	110.08	1.01	111.09	--	--	peak
7	5850.000	51.38	1.17	52.55	122.20	-69.65	peak
8	5855.000	54.41	1.18	55.59	110.80	-55.21	peak
9	5875.000	50.15	1.23	51.38	105.20	-53.82	peak
10	5925.000	50.33	1.37	51.70	68.20	-16.50	peak
11	6176.800	51.97	2.19	54.16	68.20	-14.04	peak

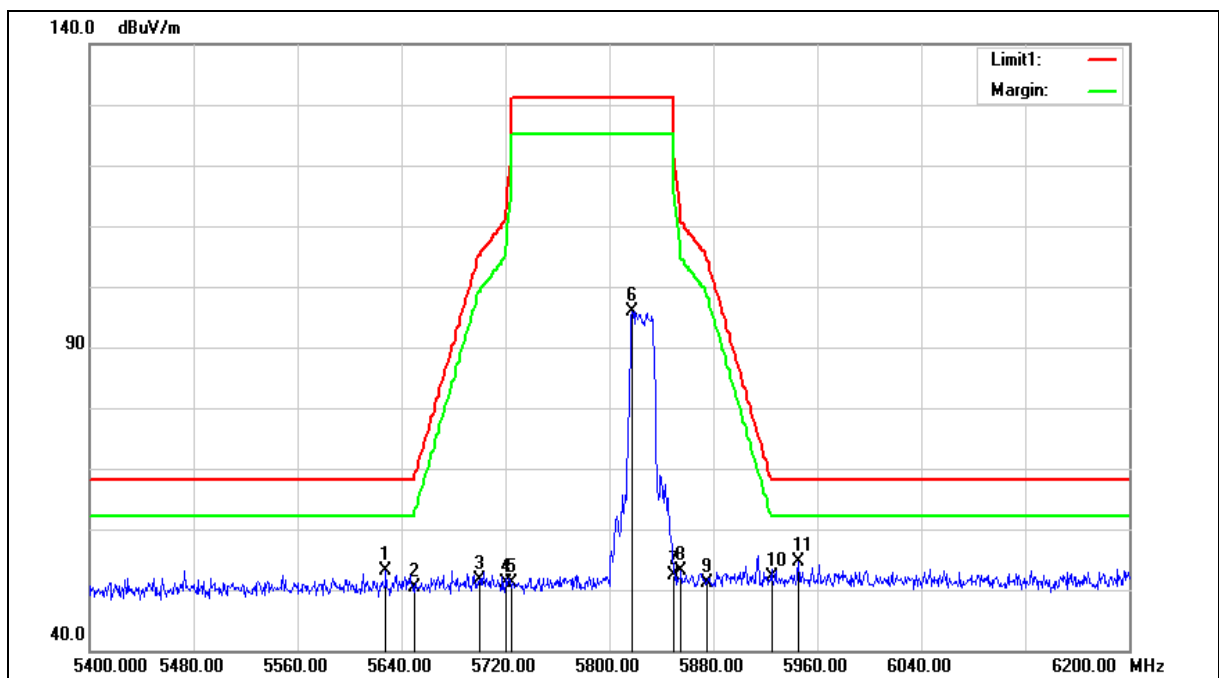
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5825MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5825MHz		
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	5628.000	52.50	0.55	53.05	68.20	-15.15	peak
2	5650.000	49.64	0.62	50.26	68.20	-17.94	peak
3	5700.000	50.92	0.75	51.67	105.20	-53.53	peak
4	5720.000	50.34	0.81	51.15	110.80	-59.65	peak
5	5725.000	50.19	0.82	51.01	122.20	-71.19	peak
6	5817.600	94.87	1.07	95.94	--	--	peak
7	5850.000	51.29	1.17	52.46	122.20	-69.74	peak
8	5855.000	51.84	1.18	53.02	110.80	-57.78	peak
9	5875.000	49.87	1.23	51.10	105.20	-54.10	peak
10	5925.000	50.85	1.37	52.22	68.20	-15.98	peak
11	5945.600	53.23	1.42	54.65	68.20	-13.55	peak

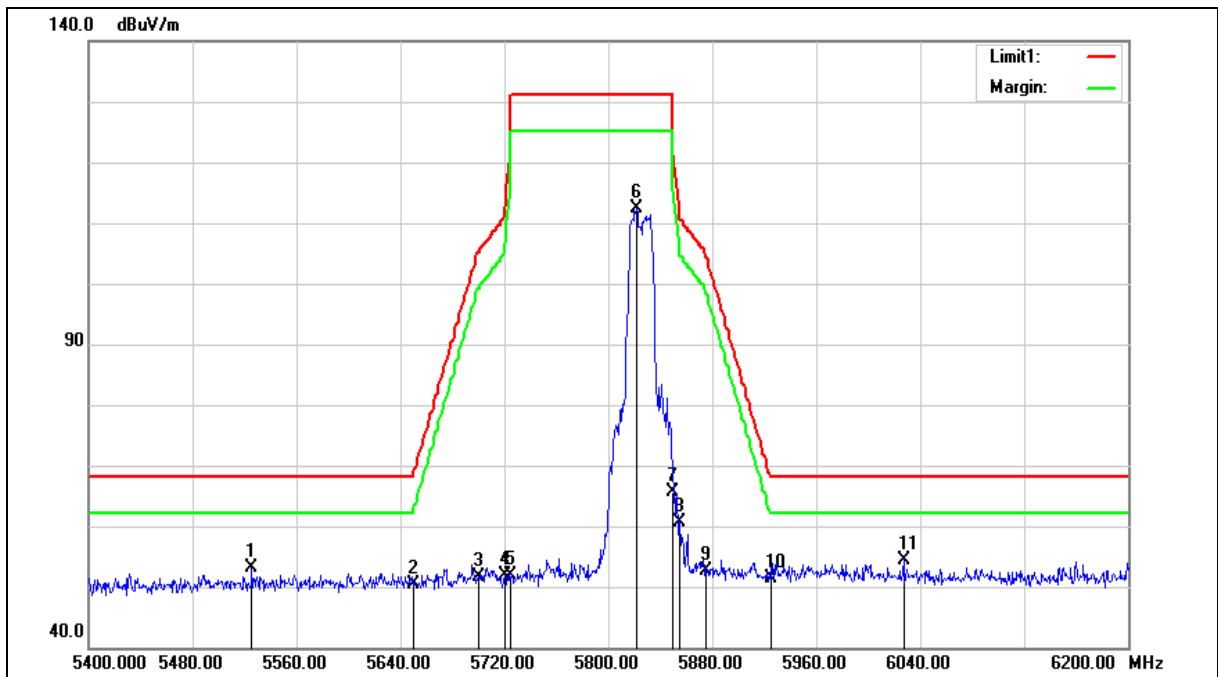
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5825MHz		
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	5525.600	52.94	0.28	53.22	68.20	-14.98	peak
2	5650.000	49.85	0.62	50.47	68.20	-17.73	peak
3	5700.000	50.84	0.75	51.59	105.20	-53.61	peak
4	5720.000	51.17	0.81	51.98	110.80	-58.82	peak
5	5725.000	51.18	0.82	52.00	122.20	-70.20	peak
6	5821.600	111.25	1.09	112.34	--	--	peak
7	5850.000	64.40	1.17	65.57	122.20	-56.63	peak
8	5855.000	59.57	1.18	60.75	110.80	-50.05	peak
9	5875.000	51.46	1.23	52.69	105.20	-52.51	peak
10	5925.000	50.11	1.37	51.48	68.20	-16.72	peak
11	6027.200	52.84	1.66	54.50	68.20	-13.70	peak

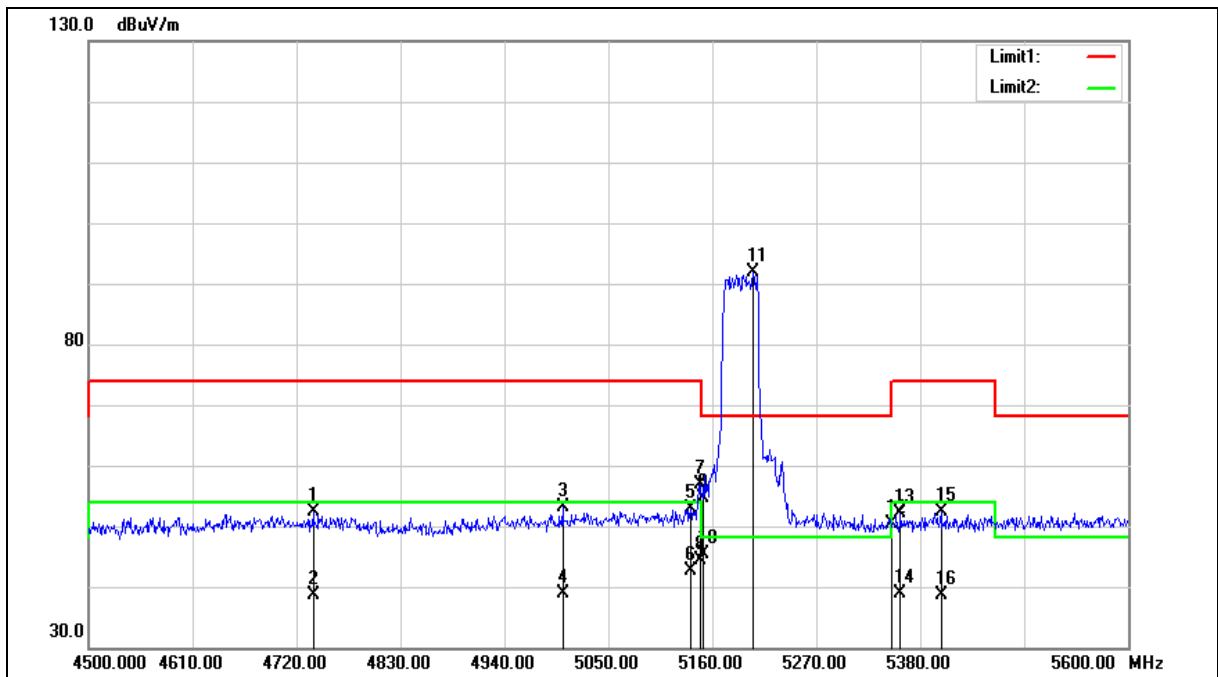
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5190MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5190MHz		
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	4737.600	53.87	-1.49	52.38	74.00	-21.62	peak
2	4737.600	40.24	-1.49	38.75	54.00	-15.25	AVG
3	5001.600	53.82	-0.77	53.05	74.00	-20.95	peak
4	5001.600	39.68	-0.77	38.91	54.00	-15.09	AVG
5	5136.900	53.36	-0.50	52.86	74.00	-21.14	peak
6	5136.900	43.25	-0.50	42.75	54.00	-11.25	AVG
7	5146.800	57.40	-0.48	56.92	74.00	-17.08	peak
8	5146.800	44.75	-0.48	44.27	54.00	-9.73	AVG
9	5150.000	55.16	-0.48	54.68	74.00	-19.32	peak
10	5150.000	45.78	-0.48	45.30	54.00	-8.70	AVG
11	5202.900	92.35	-0.37	91.98	--	--	peak
12	5350.000	50.36	-0.08	50.28	74.00	-23.72	peak
13	5359.100	52.09	-0.06	52.03	74.00	-21.97	peak
14	5359.100	38.95	-0.06	38.89	54.00	-15.11	AVG
15	5402.000	52.26	0.02	52.28	74.00	-21.72	peak
16	5402.000	38.55	0.02	38.57	54.00	-15.43	AVG

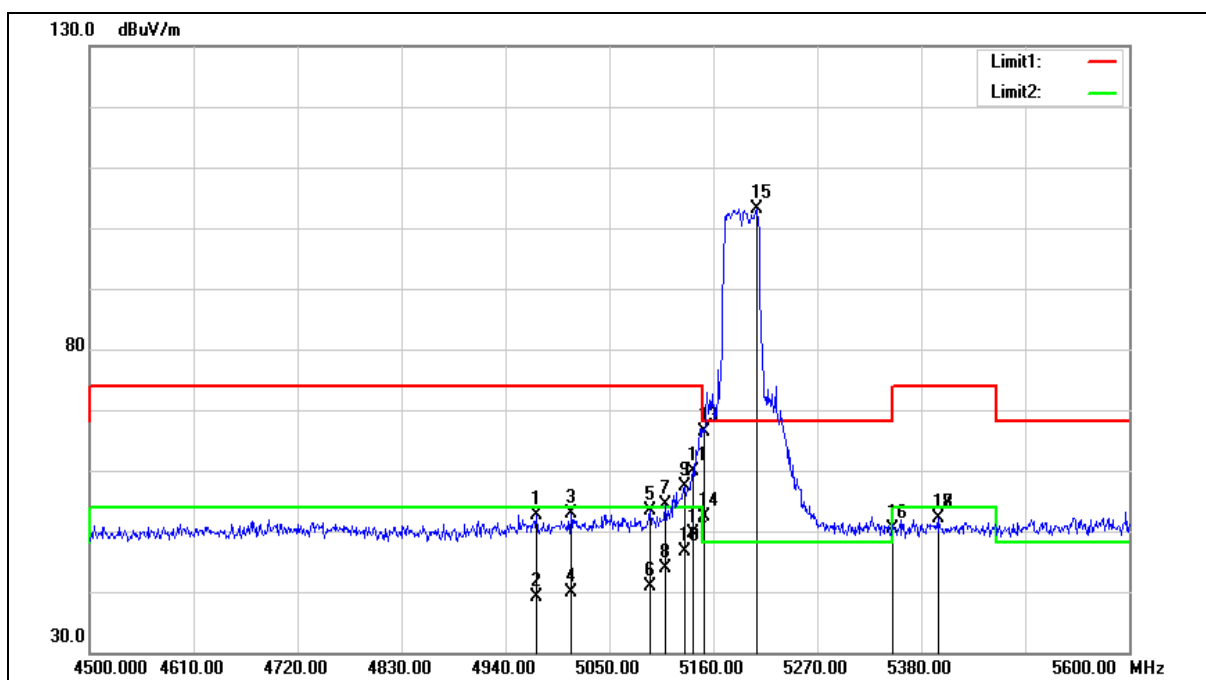
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5190MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5190MHz		
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	4973.000	53.46	-0.84	52.62	74.00	-21.38	peak
2	4973.000	40.05	-0.84	39.21	54.00	-14.79	AVG
3	5009.300	53.60	-0.75	52.85	74.00	-21.15	peak
4	5009.300	40.51	-0.75	39.76	54.00	-14.24	AVG
5	5092.900	54.02	-0.60	53.42	74.00	-20.58	peak
6	5092.900	41.43	-0.60	40.83	54.00	-13.17	AVG
7	5109.400	54.85	-0.55	54.30	74.00	-19.70	peak
8	5109.400	44.43	-0.55	43.88	54.00	-10.12	AVG
9	5130.300	57.99	-0.52	57.47	74.00	-16.53	peak
10	5130.300	47.06	-0.52	46.54	54.00	-7.46	AVG
11	5139.100	60.47	-0.49	59.98	74.00	-14.02	peak
12	5139.100	50.23	-0.49	49.74	54.00	-4.26	AVG
13	5150.000	66.85	-0.48	66.37	74.00	-7.63	peak
14	5150.000	52.94	-0.48	52.46	54.00	-1.54	AVG
15	5206.200	103.42	-0.37	103.05	--	--	peak
16	5350.000	50.38	-0.08	50.30	74.00	-23.70	peak
17	5398.700	52.12	0.02	52.14	74.00	-21.86	peak
18	5398.700	52.12	0.02	52.14	54.00	-1.86	AVG

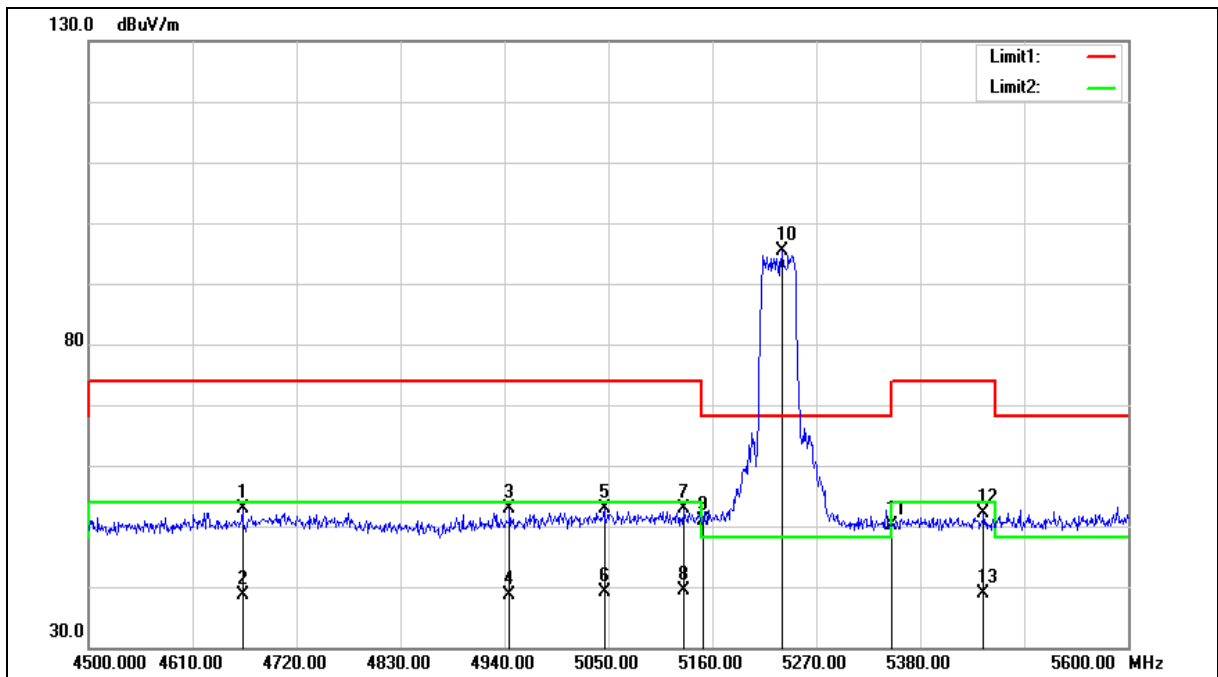
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5230MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5230MHz		
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	4662.800	54.65	-1.70	52.95	74.00	-21.05	peak
2	4662.800	40.38	-1.70	38.68	54.00	-15.32	AVG
3	4945.500	53.87	-0.93	52.94	74.00	-21.06	peak
4	4945.500	39.67	-0.93	38.74	54.00	-15.26	AVG
5	5045.600	53.55	-0.68	52.87	74.00	-21.13	peak
6	5045.600	39.85	-0.68	39.17	54.00	-14.83	AVG
7	5130.300	53.30	-0.52	52.78	74.00	-21.22	peak
8	5130.300	39.82	-0.52	39.30	54.00	-14.70	AVG
9	5150.000	51.45	-0.48	50.97	74.00	-23.03	peak
10	5233.700	95.59	-0.31	95.28	--	--	peak
11	5350.000	50.11	-0.08	50.03	74.00	-23.97	peak
12	5447.100	52.00	0.11	52.11	74.00	-21.89	peak
13	5447.100	38.75	0.11	38.86	54.00	-15.14	AVG

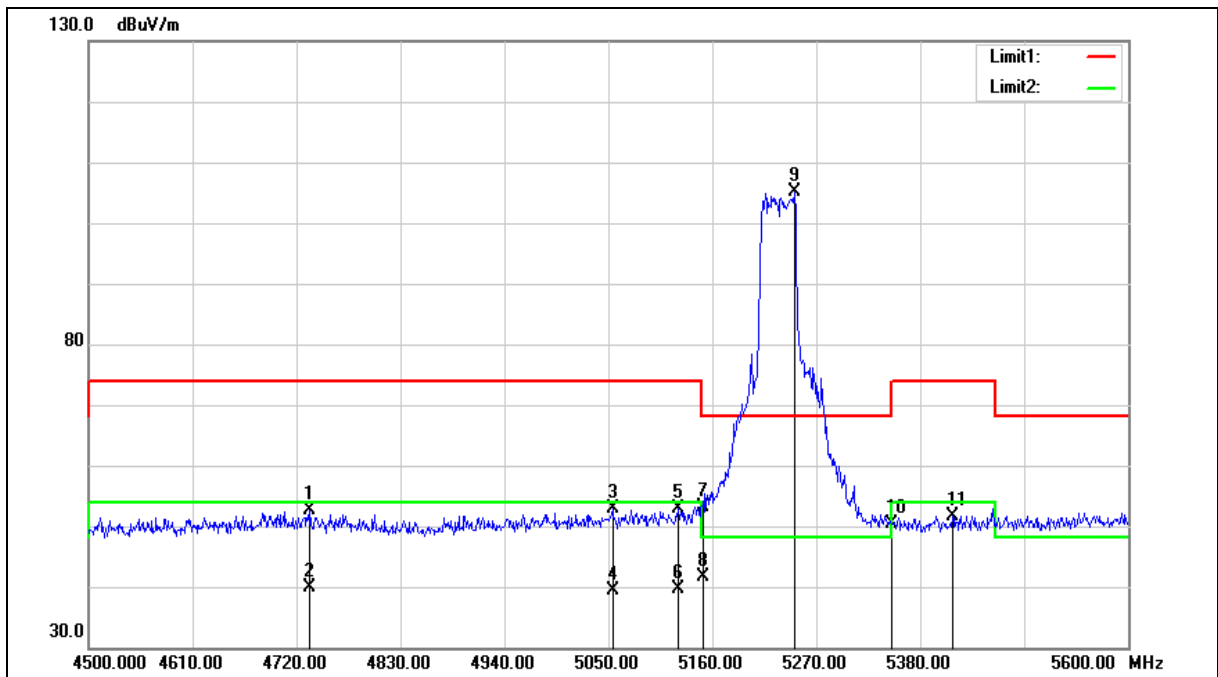
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5230MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5230MHz		
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	4734.300	54.05	-1.50	52.55	74.00	-21.45	peak
2	4734.300	41.31	-1.50	39.81	54.00	-14.19	AVG
3	5054.400	53.58	-0.66	52.92	74.00	-21.08	peak
4	5054.400	39.99	-0.66	39.33	54.00	-14.67	AVG
5	5123.700	53.45	-0.52	52.93	74.00	-21.07	peak
6	5123.700	40.20	-0.52	39.68	54.00	-14.32	AVG
7	5150.000	53.55	-0.48	53.07	74.00	-20.93	peak
8	5150.000	42.16	-0.48	41.68	54.00	-12.32	AVG
9	5246.900	105.40	-0.28	105.12	--	--	peak
10	5350.000	50.42	-0.08	50.34	74.00	-23.66	peak
11	5414.100	51.64	0.05	51.69	74.00	-22.31	peak

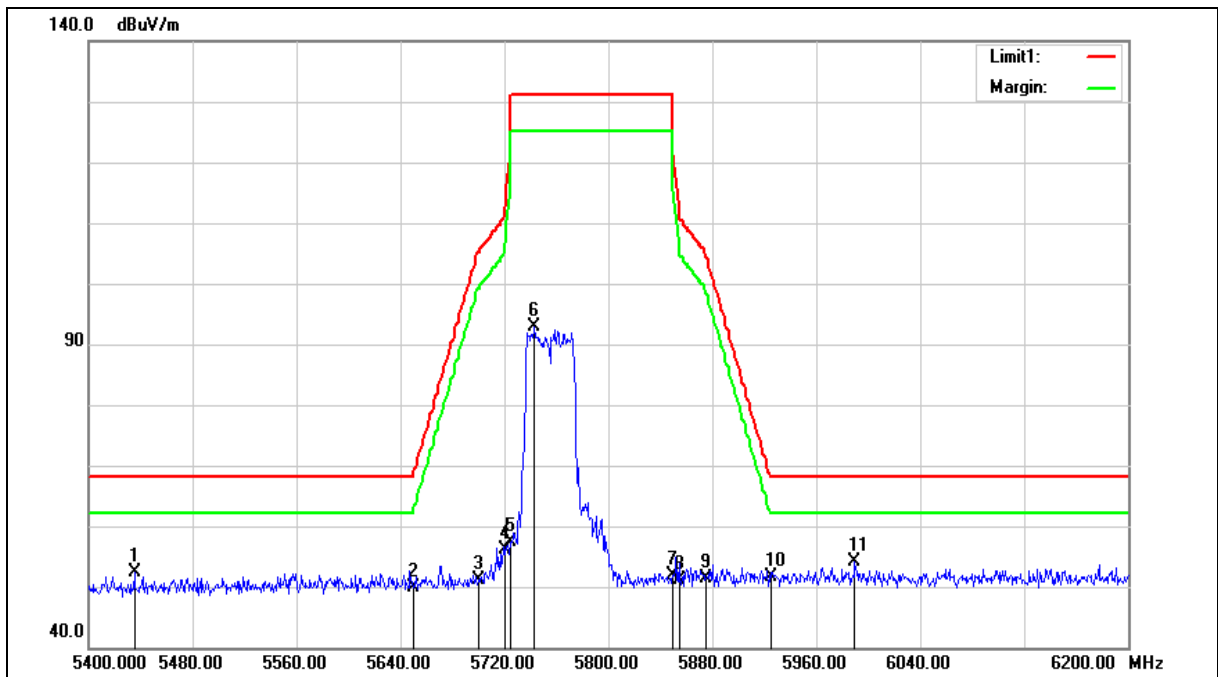
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5755MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5755MHz		
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	5435.200	52.36	0.09	52.45	68.20	-15.75	peak
2	5650.000	49.27	0.62	49.89	68.20	-18.31	peak
3	5700.000	50.44	0.75	51.19	105.20	-54.01	peak
4	5720.000	55.21	0.81	56.02	110.80	-54.78	peak
5	5725.000	56.58	0.82	57.40	122.20	-64.80	peak
6	5743.200	91.91	0.87	92.78	--	--	peak
7	5850.000	50.77	1.17	51.94	122.20	-70.26	peak
8	5855.000	49.99	1.18	51.17	110.80	-59.63	peak
9	5875.000	50.07	1.23	51.30	105.20	-53.90	peak
10	5925.000	50.15	1.37	51.52	68.20	-16.68	peak
11	5989.600	52.50	1.54	54.04	68.20	-14.16	peak

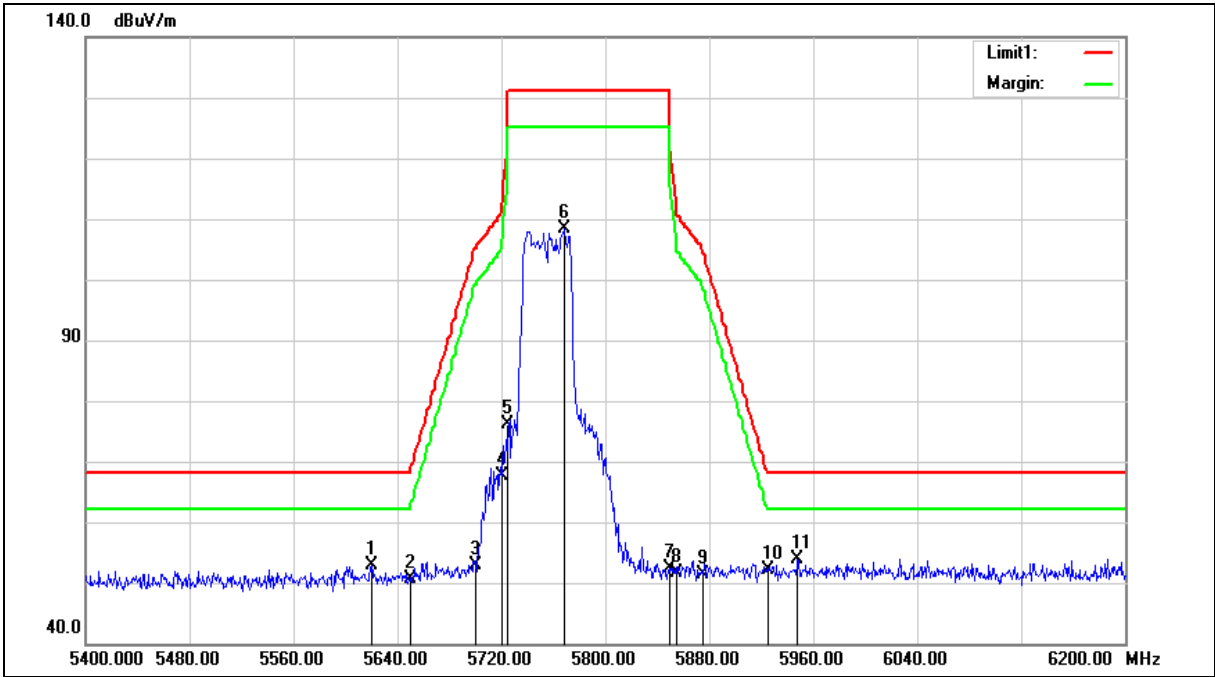
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5755MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5755MHz		
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	5620.000	52.36	0.54	52.90	68.20	-15.30	peak
2	5650.000	50.00	0.62	50.62	68.20	-17.58	peak
3	5700.000	52.04	0.75	52.79	105.20	-52.41	peak
4	5720.000	66.88	0.81	67.69	110.80	-43.11	peak
5	5725.000	75.40	0.82	76.22	122.20	-45.98	peak
6	5768.800	107.45	0.94	108.39	--	--	peak
7	5850.000	51.24	1.17	52.41	122.20	-69.79	peak
8	5855.000	50.51	1.18	51.69	110.80	-59.11	peak
9	5875.000	50.14	1.23	51.37	105.20	-53.83	peak
10	5925.000	50.66	1.37	52.03	68.20	-16.17	peak
11	5948.000	52.48	1.43	53.91	68.20	-14.29	peak

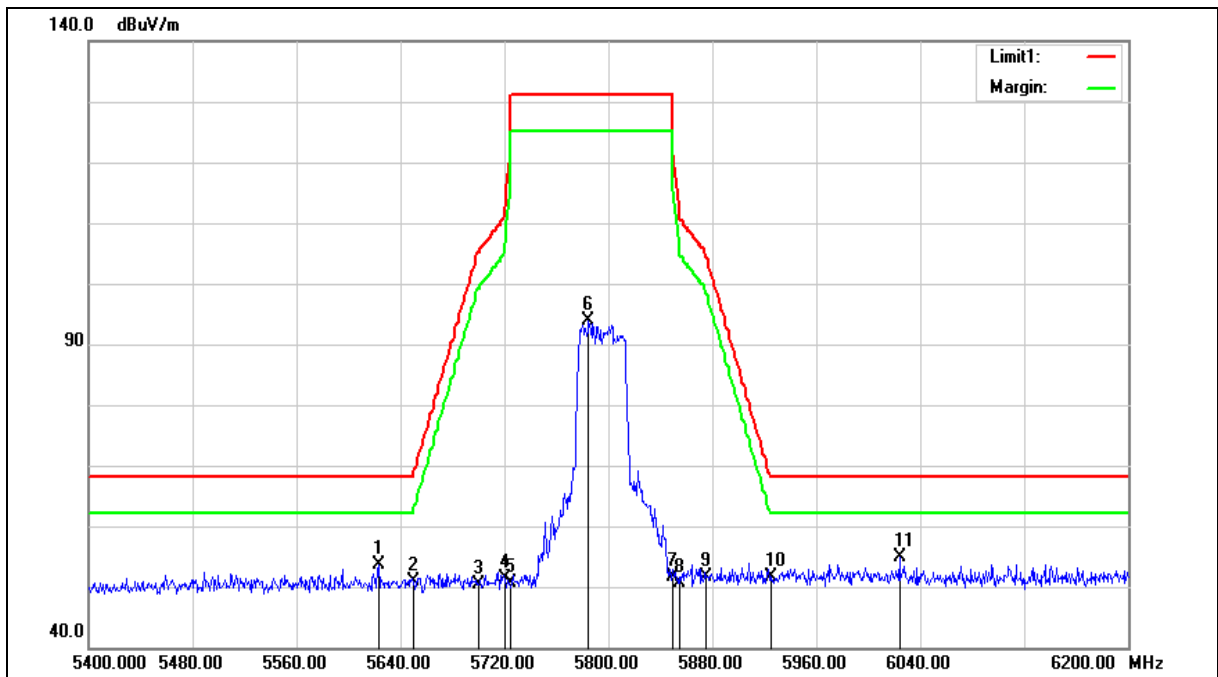
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5795MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5795MHz		
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	5623.200	53.00	0.55	53.55	68.20	-14.65	peak
2	5650.000	50.25	0.62	50.87	68.20	-17.33	peak
3	5700.000	49.72	0.75	50.47	105.20	-54.73	peak
4	5720.000	50.49	0.81	51.30	110.80	-59.50	peak
5	5725.000	49.76	0.82	50.58	122.20	-71.62	peak
6	5784.800	92.89	0.99	93.88	--	--	peak
7	5850.000	50.41	1.17	51.58	122.20	-70.62	peak
8	5855.000	49.50	1.18	50.68	110.80	-60.12	peak
9	5875.000	50.44	1.23	51.67	105.20	-53.53	peak
10	5925.000	50.37	1.37	51.74	68.20	-16.46	peak
11	6024.000	53.29	1.65	54.94	68.20	-13.26	peak

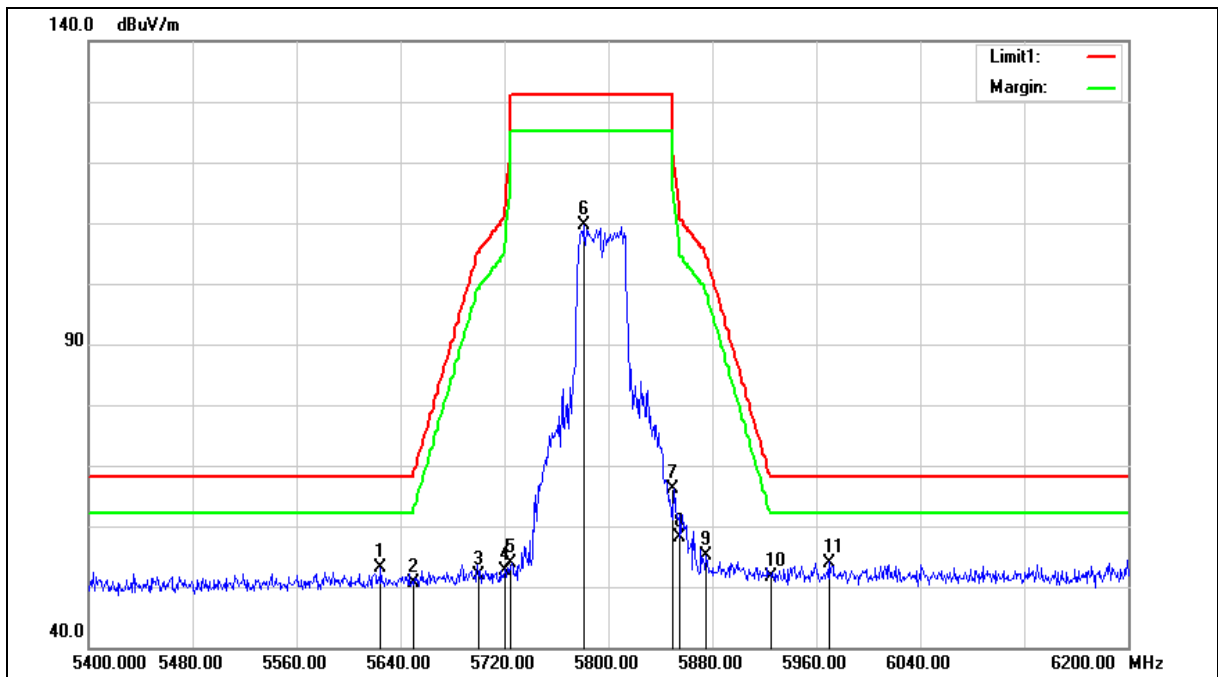
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5795MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5795MHz		
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	5624.800	52.52	0.55	53.07	68.20	-15.13	peak
2	5650.000	49.97	0.62	50.59	68.20	-17.61	peak
3	5700.000	51.16	0.75	51.91	105.20	-53.29	peak
4	5720.000	51.92	0.81	52.73	110.80	-58.07	peak
5	5725.000	53.13	0.82	53.95	122.20	-68.25	peak
6	5780.800	108.76	0.98	109.74	--	--	peak
7	5850.000	65.04	1.17	66.21	122.20	-55.99	peak
8	5855.000	56.88	1.18	58.06	110.80	-52.74	peak
9	5875.000	53.90	1.23	55.13	105.20	-50.07	peak
10	5925.000	50.23	1.37	51.60	68.20	-16.60	peak
11	5969.600	52.51	1.49	54.00	68.20	-14.20	peak

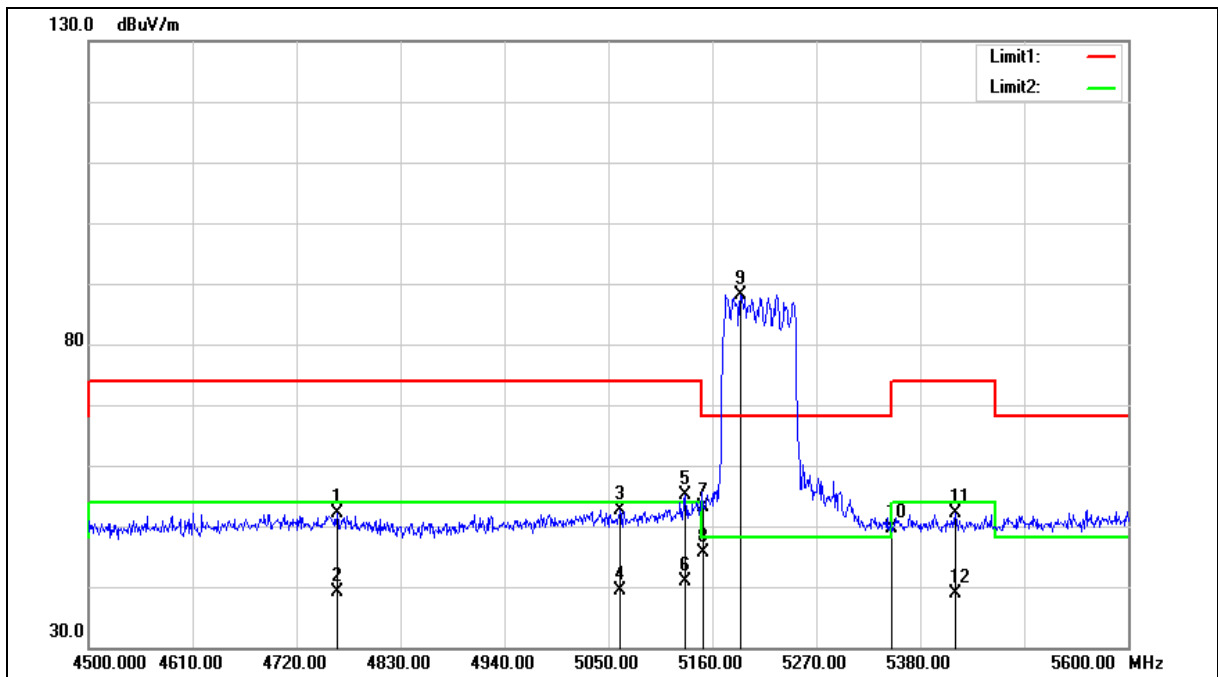
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4762.900	53.51	-1.42	52.09	74.00	-21.91	peak
2	4762.900	40.52	-1.42	39.10	54.00	-14.90	AVG
3	5062.100	53.38	-0.65	52.73	74.00	-21.27	peak
4	5062.100	40.11	-0.65	39.46	54.00	-14.54	AVG
5	5131.400	55.75	-0.51	55.24	74.00	-18.76	peak
6	5131.400	41.33	-0.51	40.82	54.00	-13.18	AVG
7	5150.000	53.49	-0.48	53.01	74.00	-20.99	peak
8	5150.000	46.07	-0.48	45.59	54.00	-8.41	AVG
9	5189.700	88.58	-0.40	88.18	--	--	peak
10	5350.000	49.74	-0.08	49.66	74.00	-24.34	peak
11	5417.400	52.08	0.05	52.13	74.00	-21.87	peak
12	5417.400	38.91	0.05	38.96	54.00	-15.04	AVG

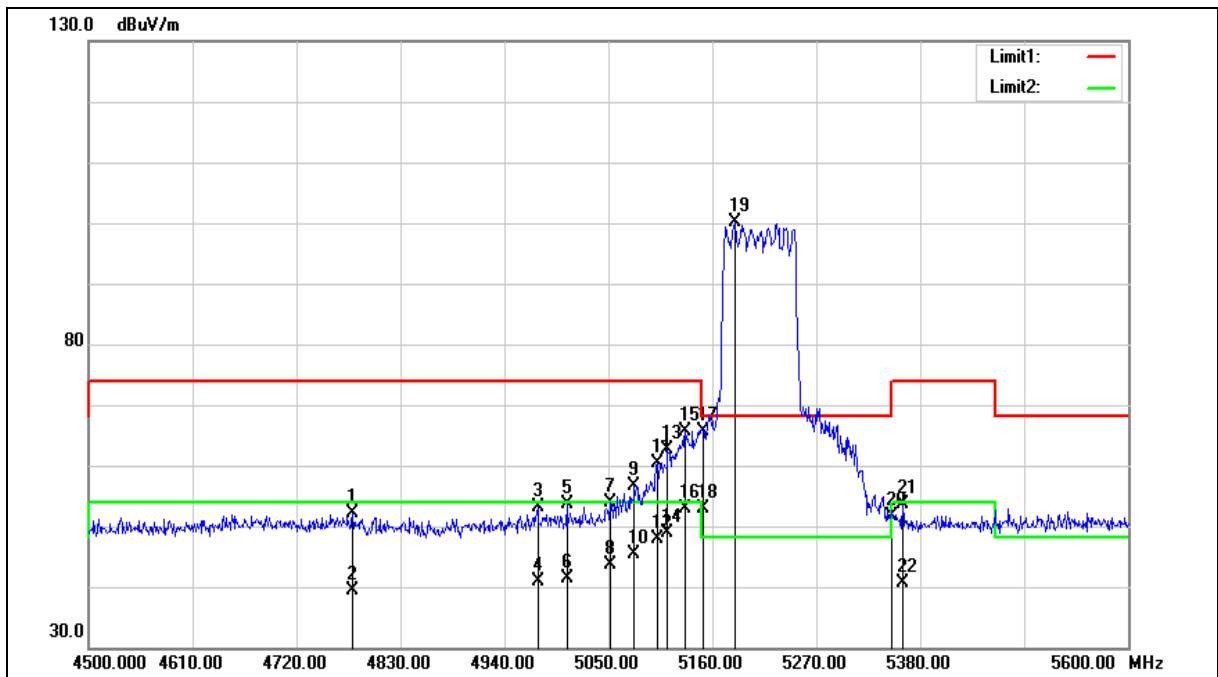
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4779.400	53.45	-1.38	52.07	74.00	-21.93	peak
2	4779.400	40.83	-1.38	39.45	54.00	-14.55	AVG
3	4975.200	53.86	-0.83	53.03	74.00	-20.97	peak
4	4975.200	41.72	-0.83	40.89	54.00	-13.11	AVG
5	5006.000	54.28	-0.77	53.51	74.00	-20.49	peak
6	5006.000	42.05	-0.77	41.28	54.00	-12.72	AVG
7	5052.200	54.45	-0.66	53.79	74.00	-20.21	peak
8	5052.200	44.28	-0.66	43.62	54.00	-10.38	AVG
9	5077.500	57.32	-0.62	56.70	74.00	-17.30	peak
10	5077.500	45.90	-0.62	45.28	54.00	-8.72	AVG
11	5101.700	60.99	-0.57	60.42	74.00	-13.58	peak
12	5101.700	48.55	-0.57	47.98	54.00	-6.02	AVG
13	5112.700	63.14	-0.55	62.59	74.00	-11.41	peak
14	5112.700	49.37	-0.55	48.82	54.00	-5.18	AVG
15	5131.400	66.05	-0.51	65.54	74.00	-8.46	peak
16	5131.400	53.34	-0.51	52.83	54.00	-1.17	AVG
17	5150.000	66.08	-0.48	65.60	74.00	-8.40	peak
18	5150.000	53.46	-0.48	52.98	54.00	-1.02	AVG
19	5184.200	100.48	-0.40	100.08	--	--	peak
20	5350.000	51.83	-0.08	51.75	74.00	-22.25	peak
21	5361.300	53.80	-0.06	53.74	74.00	-20.26	peak
22	5361.300	40.58	-0.06	40.52	54.00	-13.48	AVG

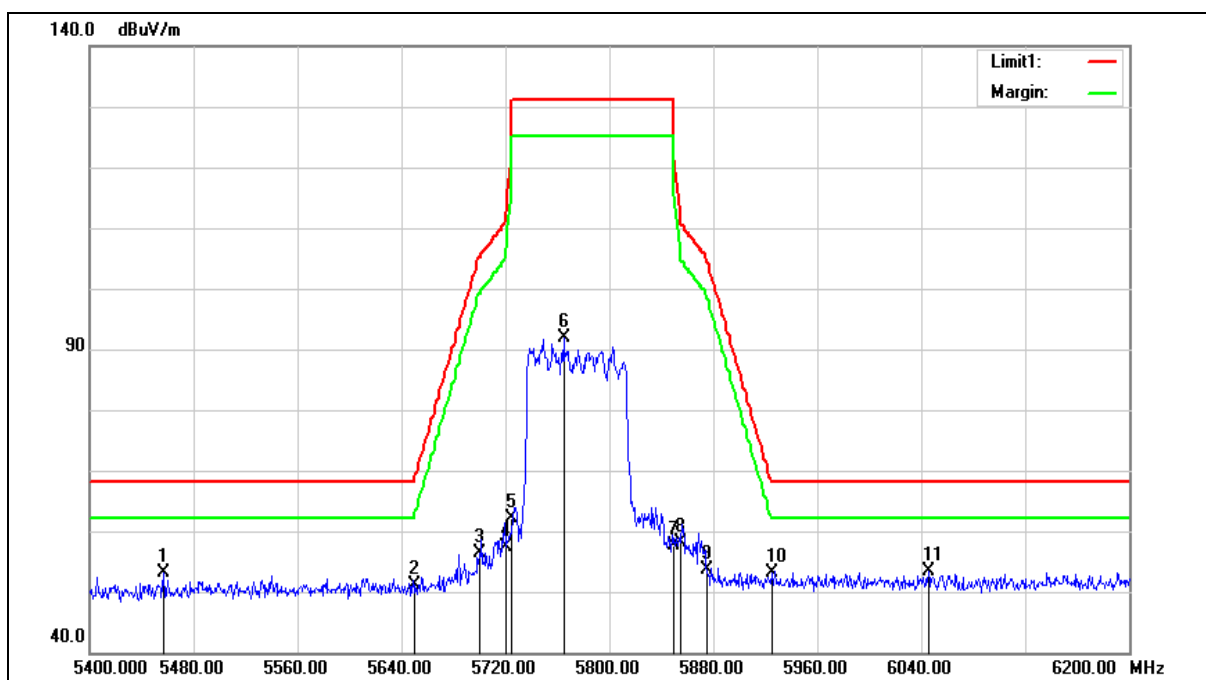
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5775MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5775MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.800	53.10	0.14	53.24	68.20	-14.96	peak
2	5650.000	50.43	0.62	51.05	68.20	-17.15	peak
3	5700.000	55.52	0.75	56.27	105.20	-48.93	peak
4	5720.000	56.47	0.81	57.28	110.80	-53.52	peak
5	5725.000	61.40	0.82	62.22	122.20	-59.98	peak
6	5764.800	91.04	0.93	91.97	--	--	peak
7	5850.000	56.43	1.17	57.60	122.20	-64.60	peak
8	5855.000	57.02	1.18	58.20	110.80	-52.60	peak
9	5875.000	52.49	1.23	53.72	105.20	-51.48	peak
10	5925.000	51.76	1.37	53.13	68.20	-15.07	peak
11	6045.600	51.75	1.73	53.48	68.20	-14.72	peak

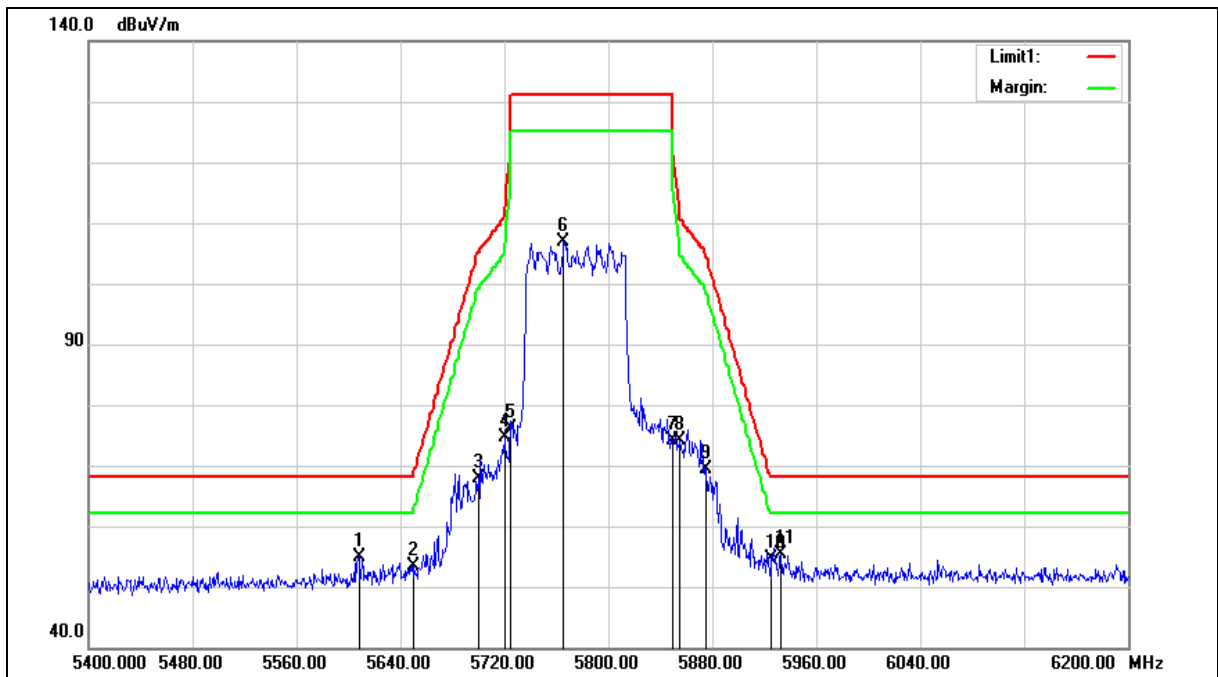
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5775MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5775MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5608.000	54.39	0.51	54.90	68.20	-13.30	peak
2	5650.000	52.67	0.62	53.29	68.20	-14.91	peak
3	5700.000	67.14	0.75	67.89	105.20	-37.31	peak
4	5720.000	73.86	0.81	74.67	110.80	-36.13	peak
5	5725.000	75.40	0.82	76.22	122.20	-45.98	peak
6	5765.600	105.90	0.93	106.83	--	--	peak
7	5850.000	72.95	1.17	74.12	122.20	-48.08	peak
8	5855.000	72.87	1.18	74.05	110.80	-36.75	peak
9	5875.000	68.23	1.23	69.46	105.20	-35.74	peak
10	5925.000	53.15	1.37	54.52	68.20	-13.68	peak
11	5932.800	54.05	1.38	55.43	68.20	-12.77	peak

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

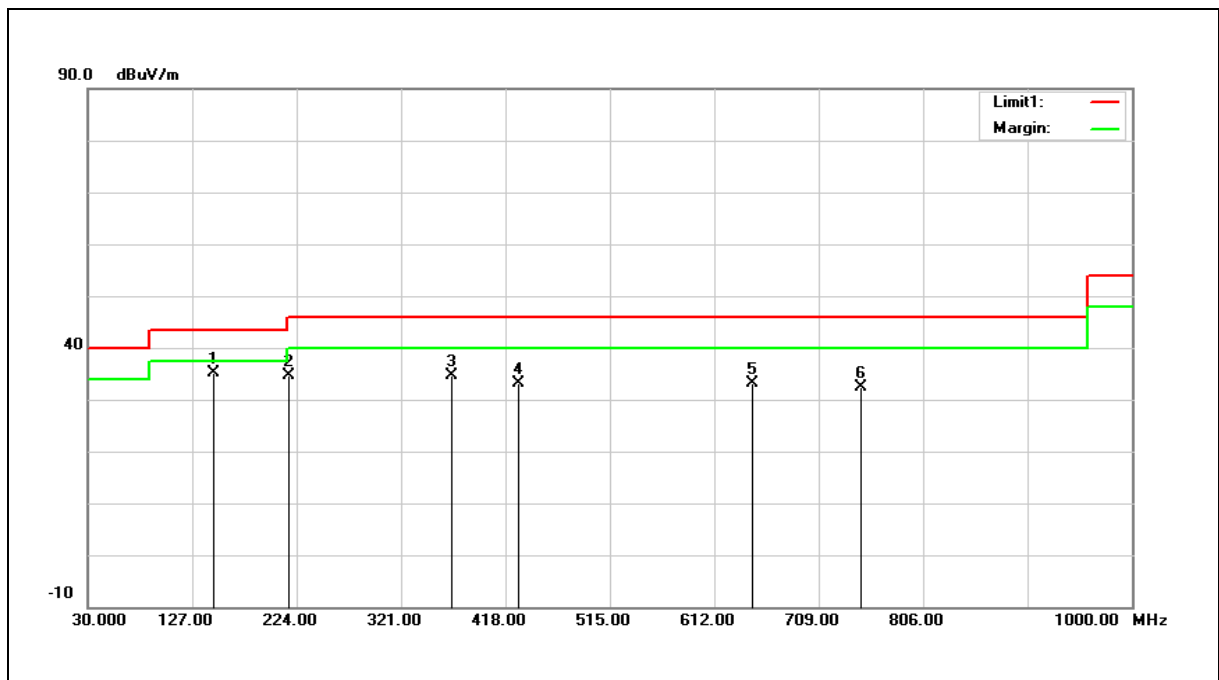
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

Beamforming on

Below 1 GHz

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Radiated Emission		
Frequency:	5825MHz		
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	147.3700	42.93	-7.79	35.14	43.50	-8.36	QP
2	216.2400	44.41	-9.74	34.67	46.00	-11.33	QP
3	367.5600	40.04	-5.37	34.67	46.00	-11.33	QP
4	429.6400	37.35	-4.32	33.03	46.00	-12.97	QP
5	647.8900	33.94	-0.81	33.13	46.00	-12.87	QP
6	748.7700	31.52	0.74	32.26	46.00	-13.74	QP

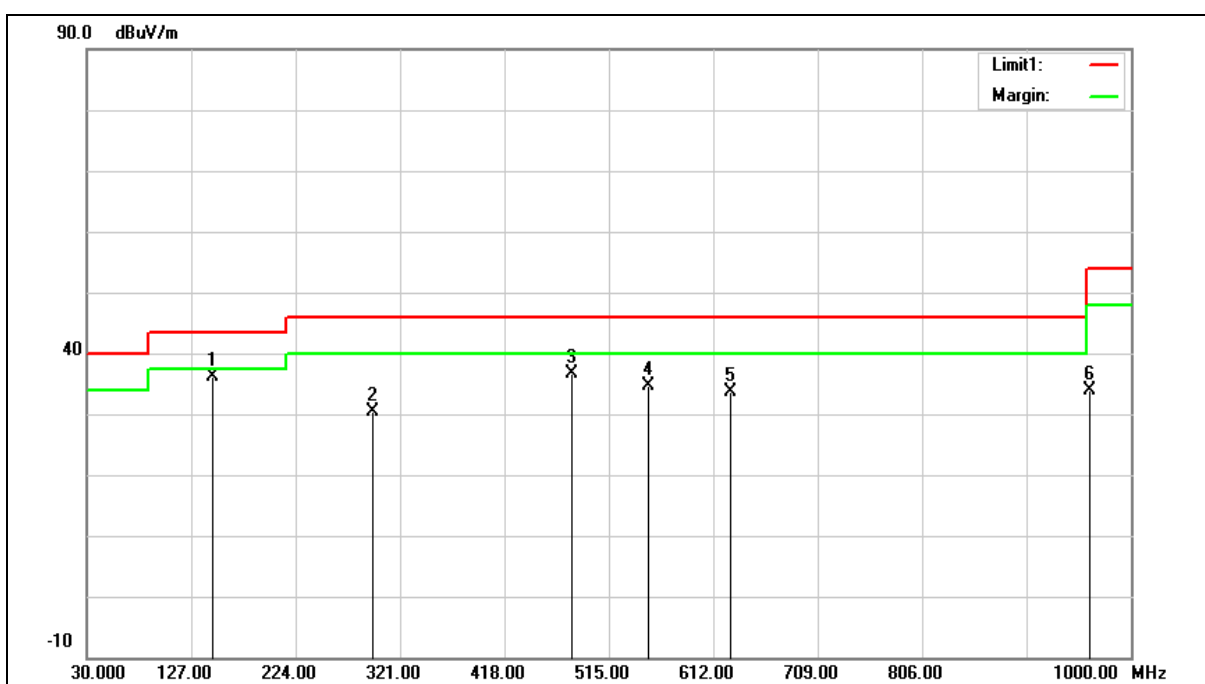
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 35.14=-7.79+42.93.

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Radiated Emission		
Frequency:	5825MHz		
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	147.3700	44.03	-7.79	36.24	43.50	-7.26	QP
2	295.7800	36.97	-6.68	30.29	46.00	-15.71	QP
3	480.0800	40.35	-3.81	36.54	46.00	-9.46	QP
4	551.8600	37.12	-2.48	34.64	46.00	-11.36	QP
5	627.5200	34.61	-1.03	33.58	46.00	-12.42	QP
6	962.1700	29.79	3.97	33.76	54.00	-20.24	QP

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

Example: 36.24=-7.79+44.03.

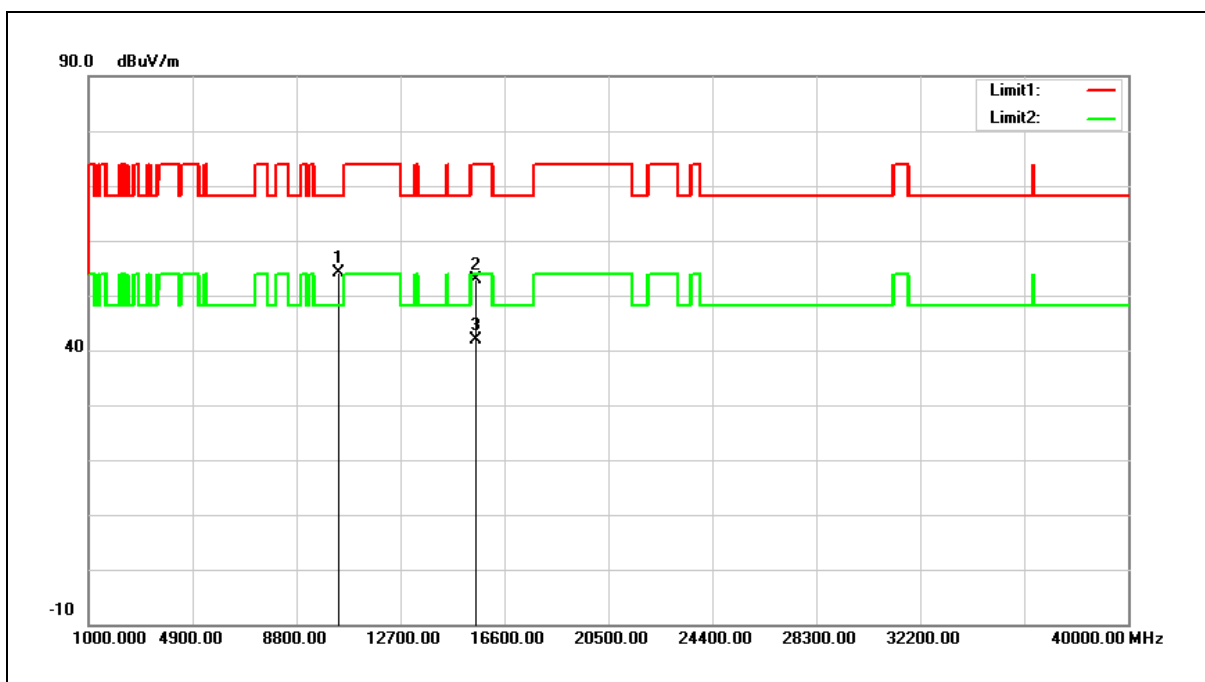
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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:	3m
Test item:	Harmonic		
Frequency:	5180MHz		
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	10360.000	40.76	13.27	54.03	68.20	-14.17	peak
2	15540.000	37.03	15.81	52.84	74.00	-21.16	peak
3	15540.000	25.97	15.81	41.78	54.00	-12.22	AVG

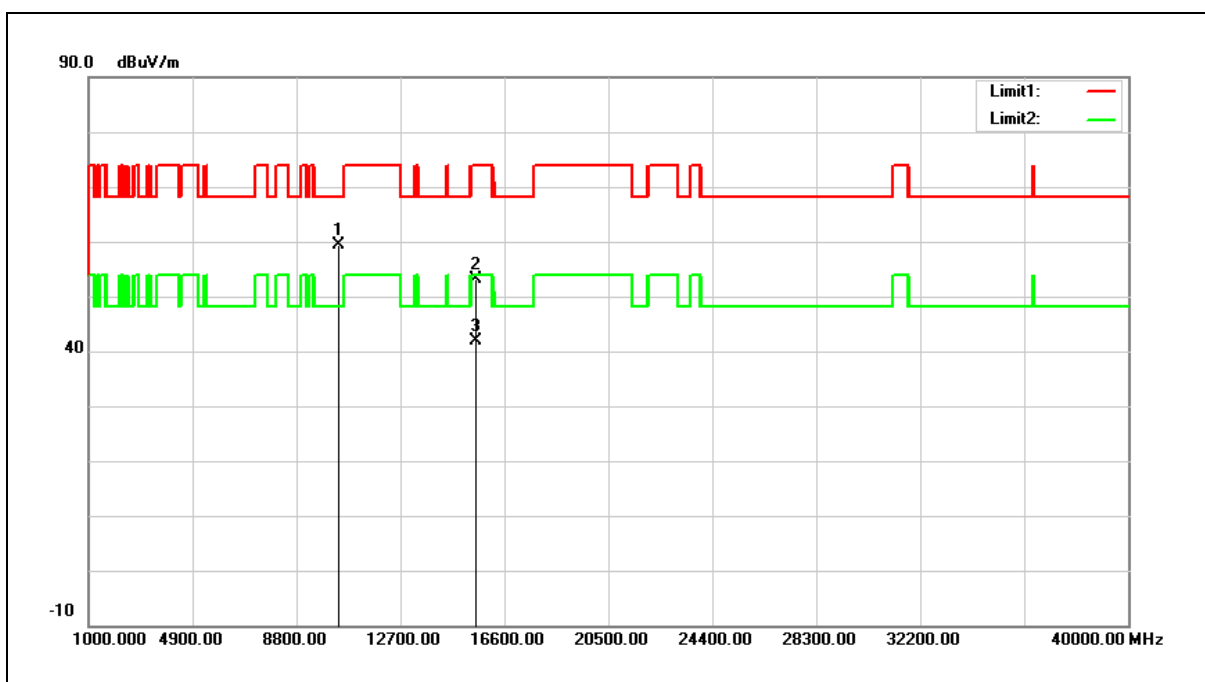
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 54.03=13.27+40.76.

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5180MHz		
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	10360.000	46.12	13.27	59.39	68.20	-8.81	peak
2	15540.000	37.30	15.81	53.11	74.00	-20.89	peak
3	15540.000	26.04	15.81	41.85	54.00	-12.15	AVG

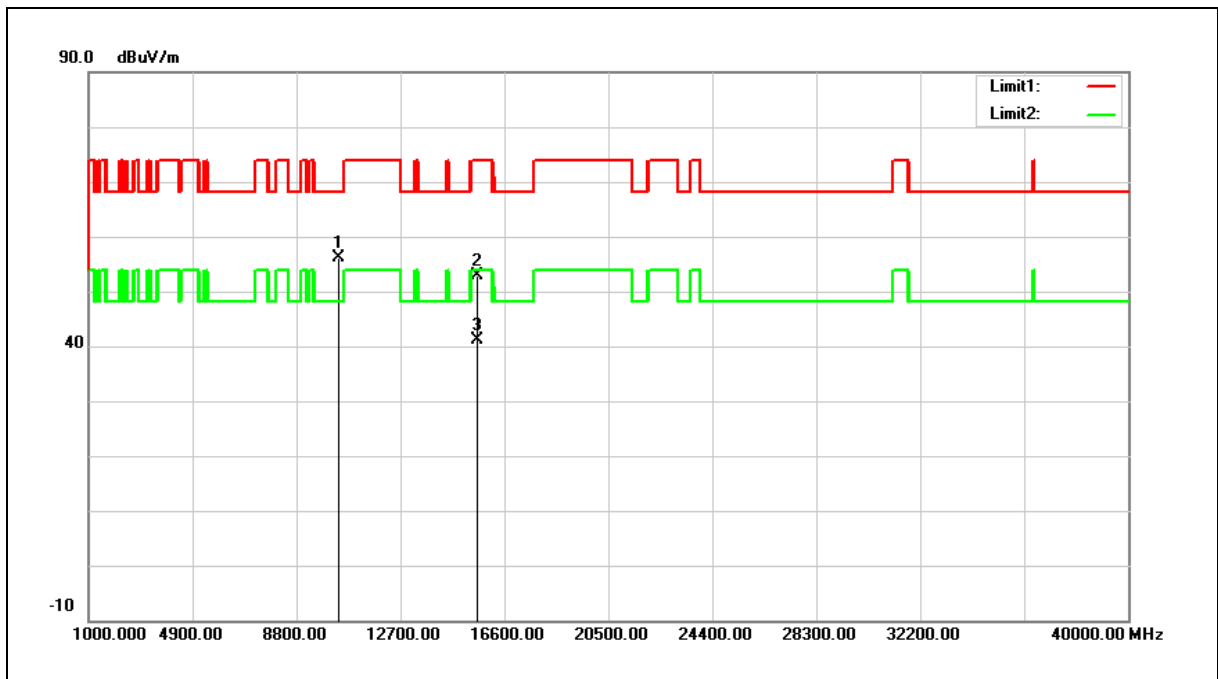
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 59.39=13.27+46.12.

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

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

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



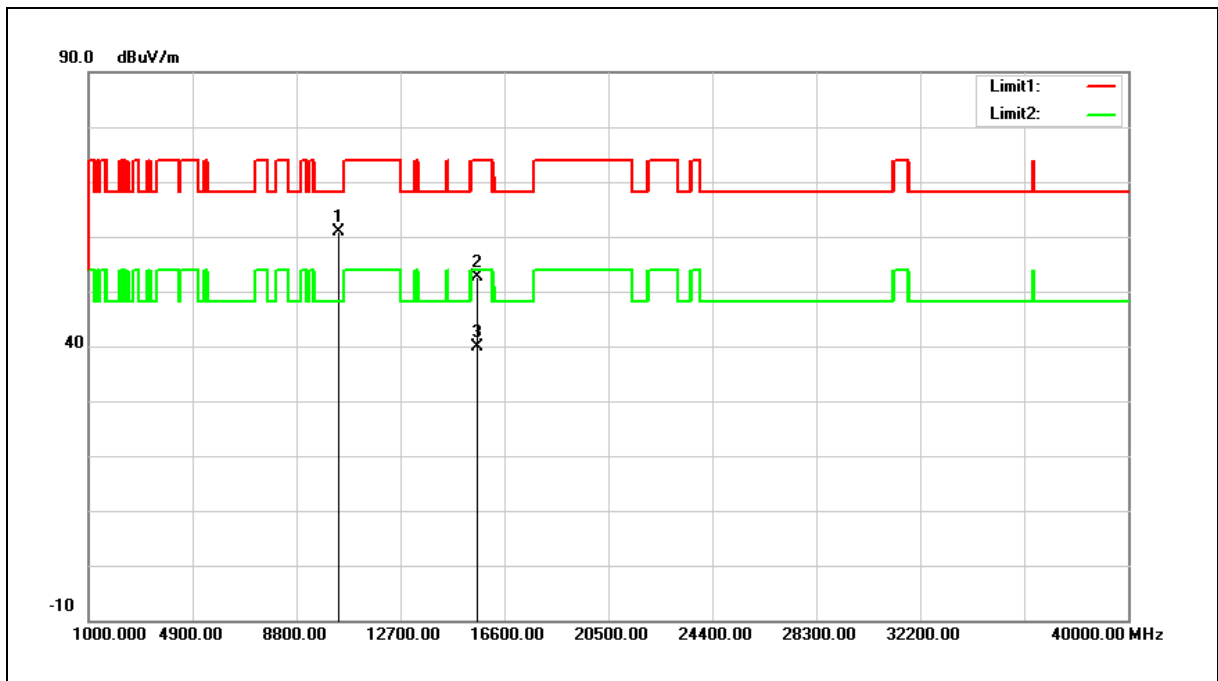
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	42.74	13.41	56.15	68.20	-12.05	peak
2	15600.000	37.31	15.63	52.94	74.00	-21.06	peak
3	15600.000	25.45	15.63	41.08	54.00	-12.92	AVG

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:	3m
Test item:	Harmonic		
Frequency:	5200MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



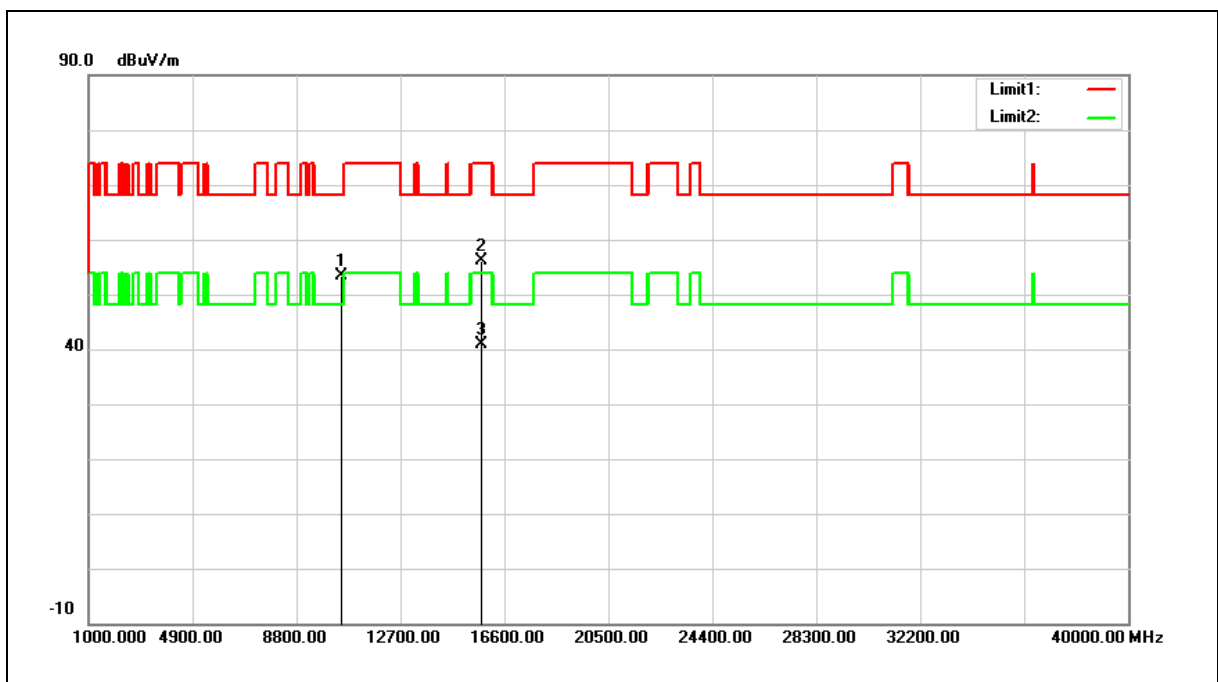
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	47.45	13.41	60.86	68.20	-7.34	peak
2	15600.000	37.11	15.63	52.74	74.00	-21.26	peak
3	15600.000	24.20	15.63	39.83	54.00	-14.17	AVG

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

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

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

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



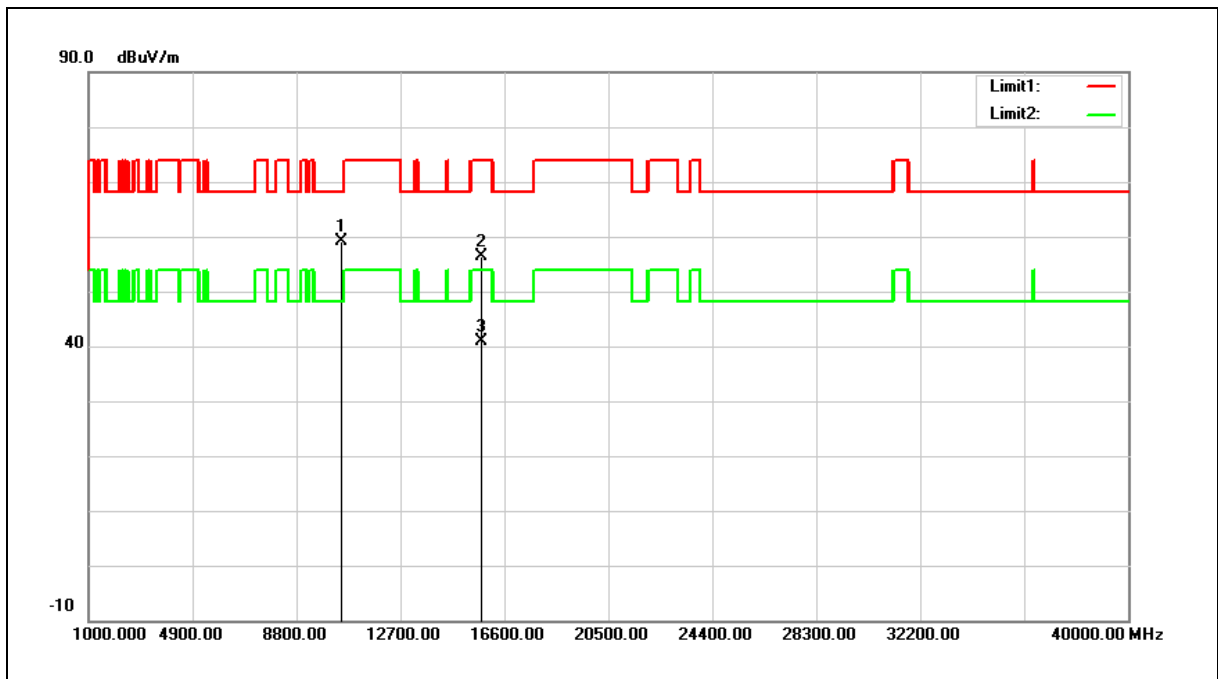
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	39.57	13.70	53.27	68.20	-14.93	peak
2	15720.000	40.91	15.27	56.18	74.00	-17.82	peak
3	15720.000	25.60	15.27	40.87	54.00	-13.13	AVG

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:	3m
Test item:	Harmonic		
Frequency:	5240MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		



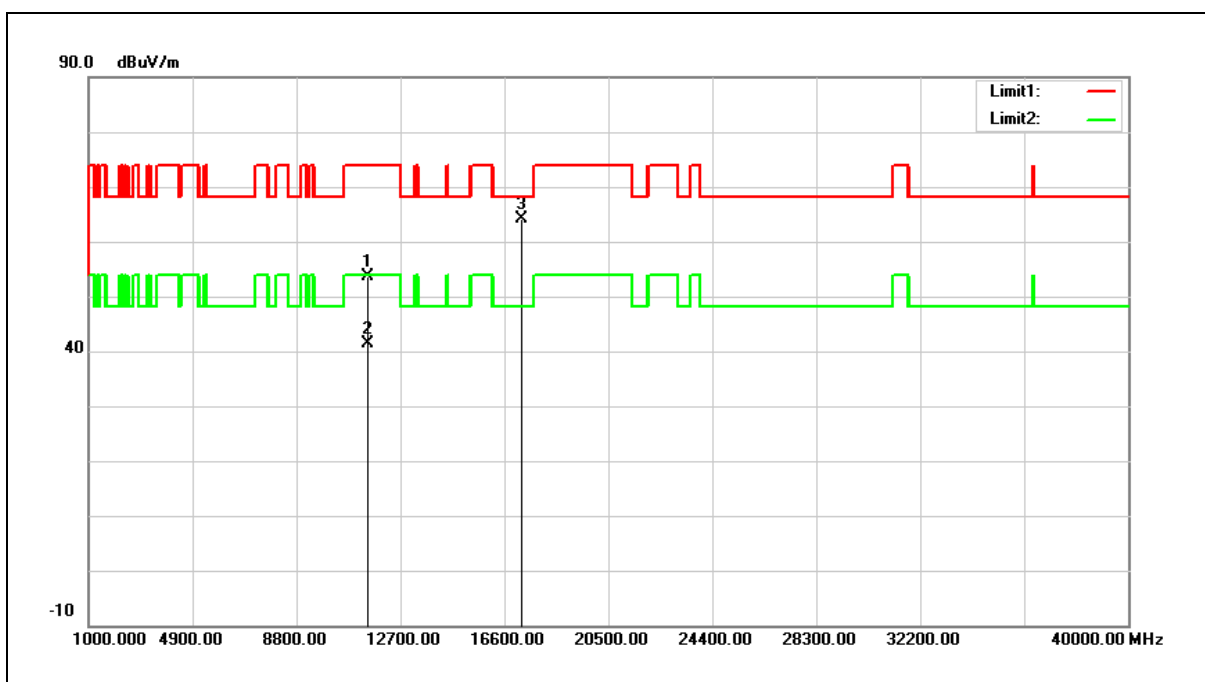
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	45.40	13.70	59.10	68.20	-9.10	peak
2	15720.000	41.08	15.27	56.35	74.00	-17.65	peak
3	15720.000	25.58	15.27	40.85	54.00	-13.15	AVG

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

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

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

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



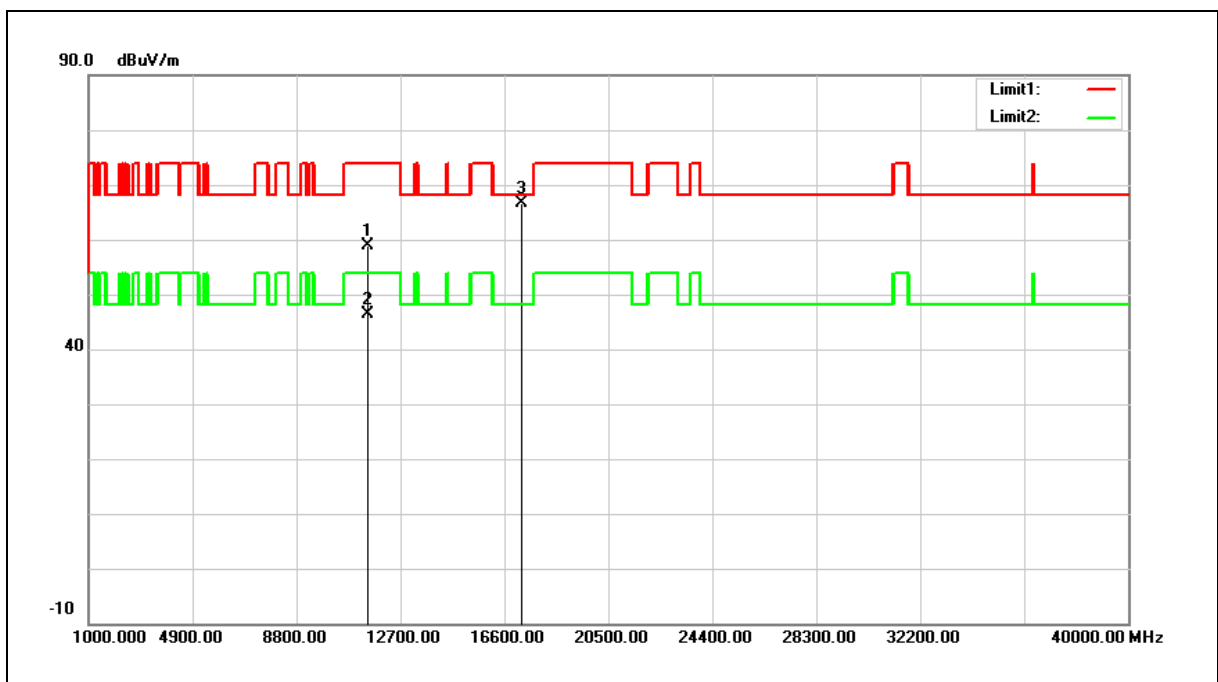
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	38.75	14.84	53.59	74.00	-20.41	peak
2	11490.000	26.49	14.84	41.33	54.00	-12.67	AVG
3	17235.000	44.26	19.84	64.10	68.20	-4.10	peak

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

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

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

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



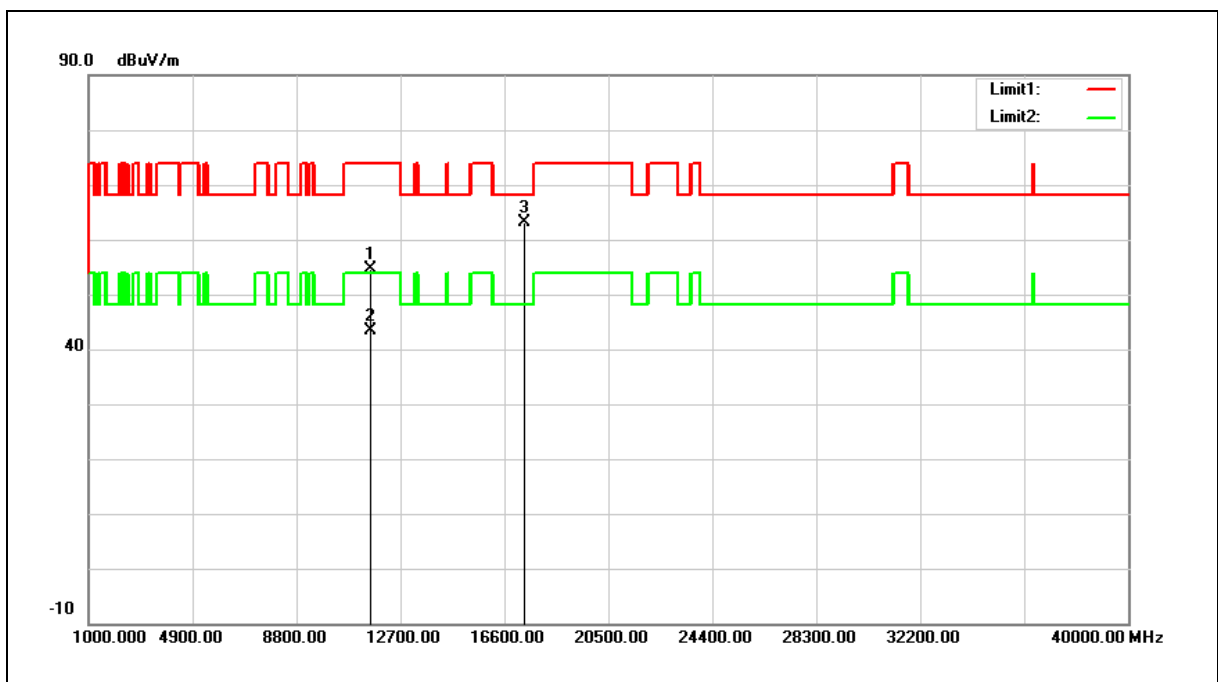
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	44.13	14.84	58.97	74.00	-15.03	peak
2	11490.000	31.52	14.84	46.36	54.00	-7.64	AVG
3	17235.000	46.75	19.84	66.59	68.20	-1.61	peak

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

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

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

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



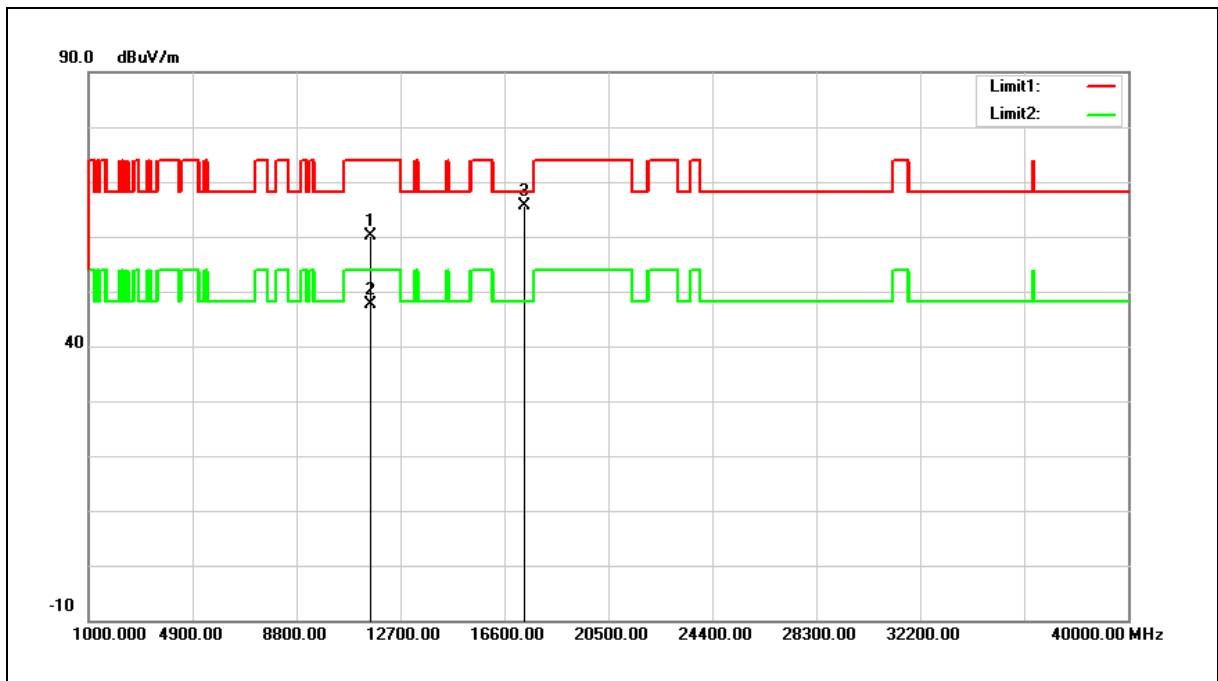
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	39.85	14.73	54.58	74.00	-19.42	peak
2	11570.000	28.72	14.73	43.45	54.00	-10.55	AVG
3	17355.000	42.55	20.49	63.04	68.20	-5.16	peak

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

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

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

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



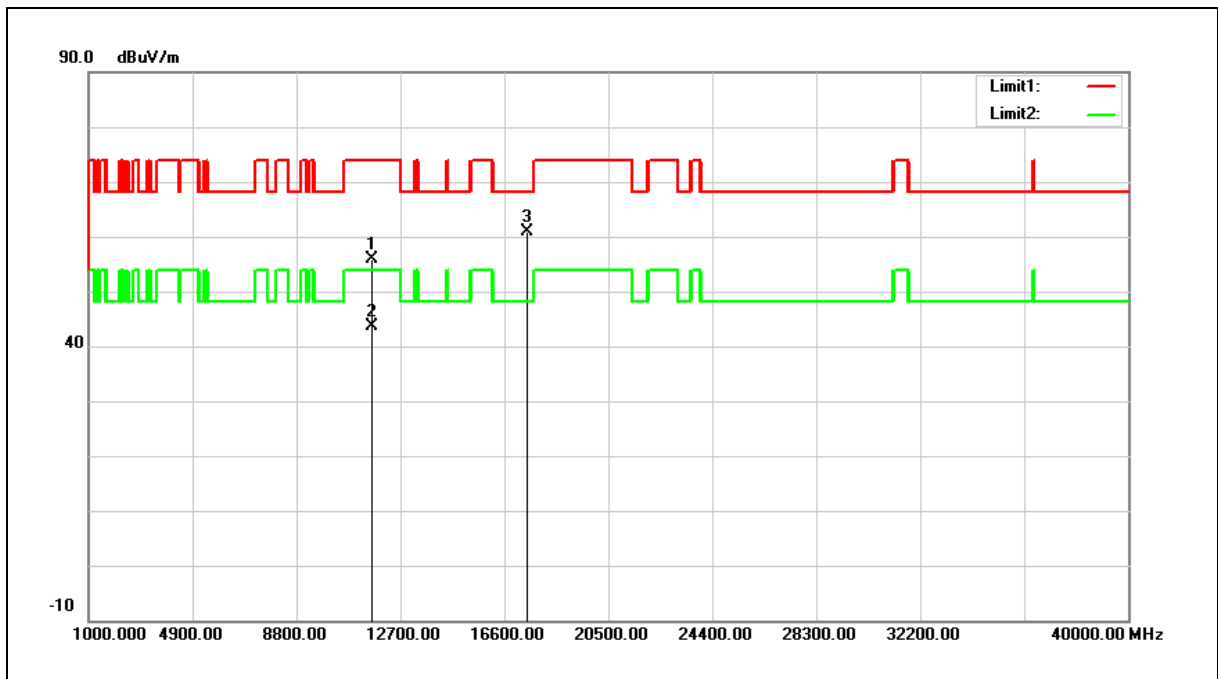
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	45.31	14.73	60.04	74.00	-13.96	peak
2	11570.000	32.83	14.73	47.56	54.00	-6.44	AVG
3	17355.000	45.18	20.49	65.67	68.20	-2.53	peak

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

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

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

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



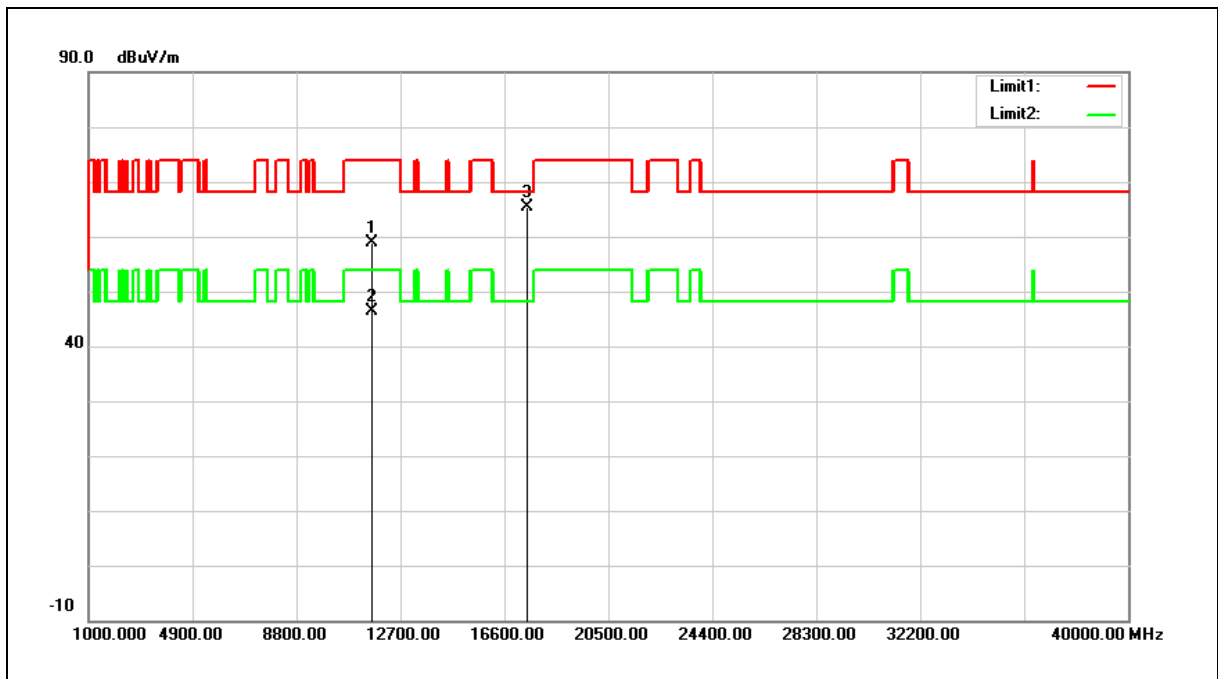
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	41.21	14.61	55.82	74.00	-18.18	peak
2	11650.000	29.09	14.61	43.70	54.00	-10.30	AVG
3	17475.000	39.75	21.14	60.89	68.20	-7.31	peak

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

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

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

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



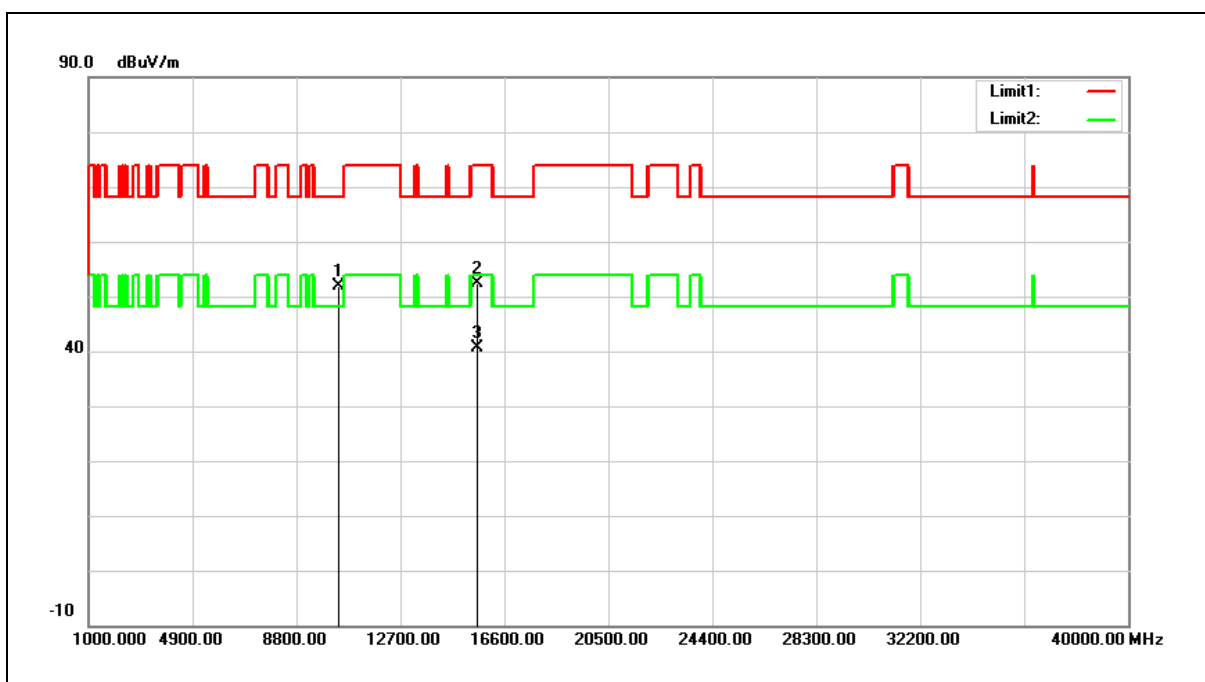
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	44.22	14.61	58.83	74.00	-15.17	peak
2	11650.000	31.82	14.61	46.43	54.00	-7.57	AVG
3	17475.000	44.31	21.14	65.45	68.20	-2.75	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5190MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



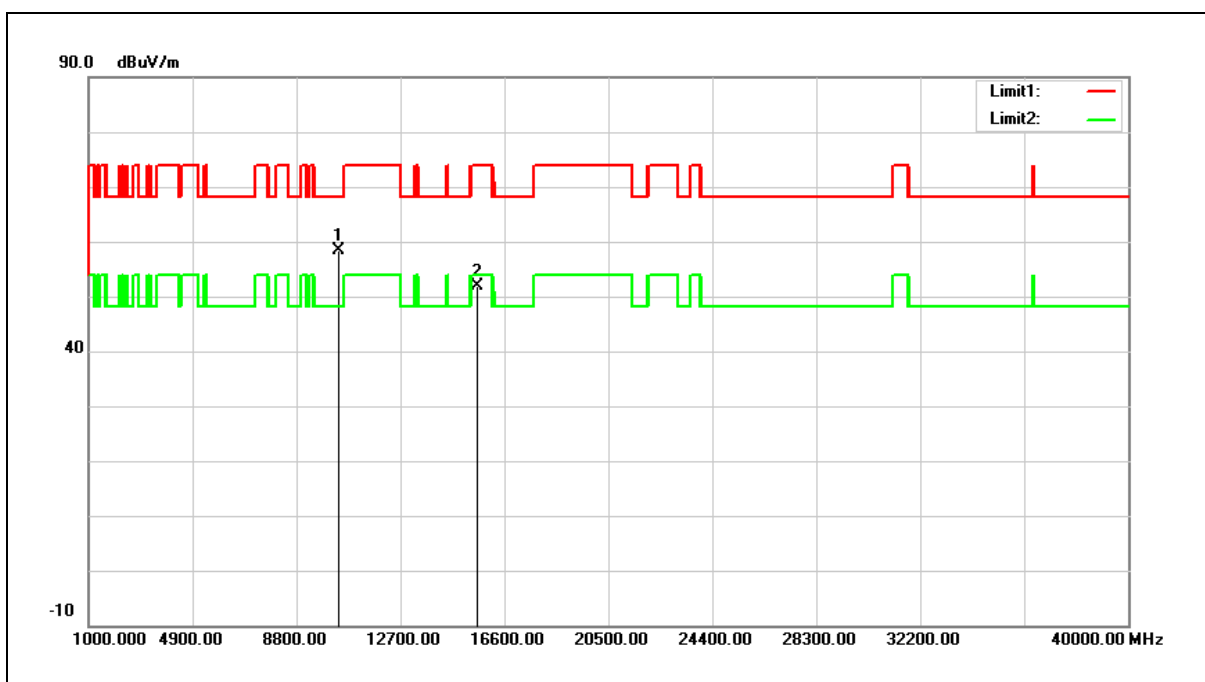
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	38.49	13.35	51.84	68.20	-16.36	peak
2	15570.000	36.60	15.72	52.32	74.00	-21.68	peak
3	15570.000	24.81	15.72	40.53	54.00	-13.47	AVG

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5190MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



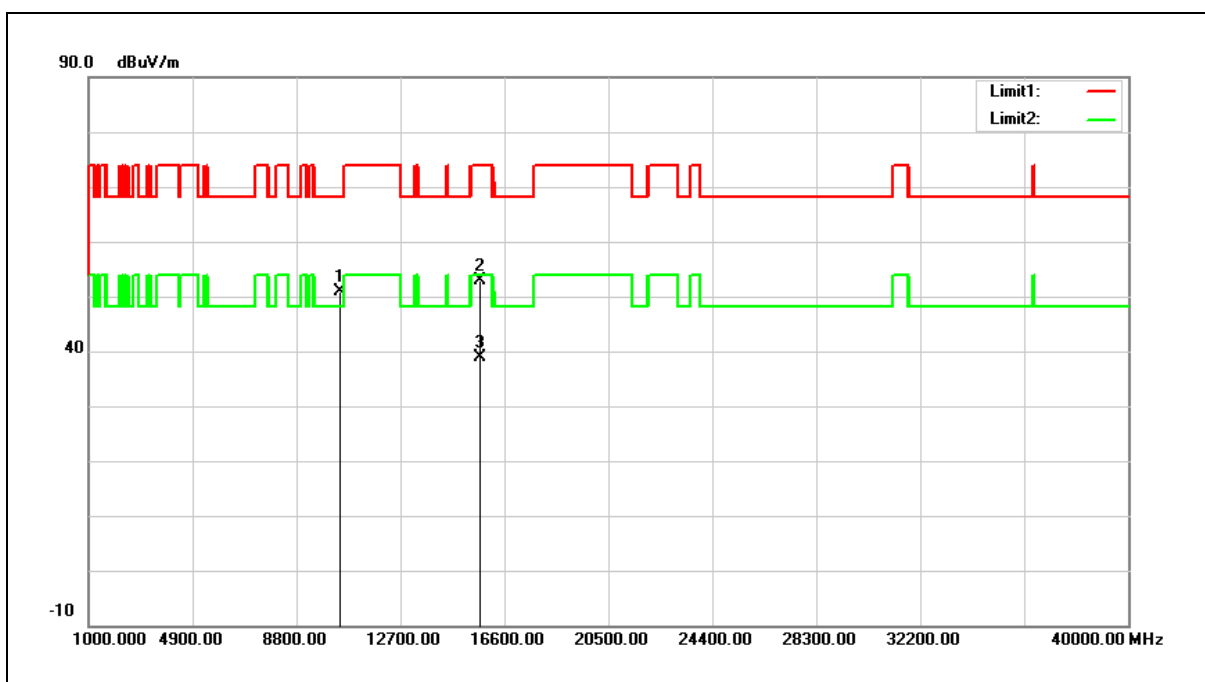
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	45.04	13.35	58.39	68.20	-9.81	peak
2	15570.000	36.22	15.72	51.94	74.00	-22.06	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5230MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



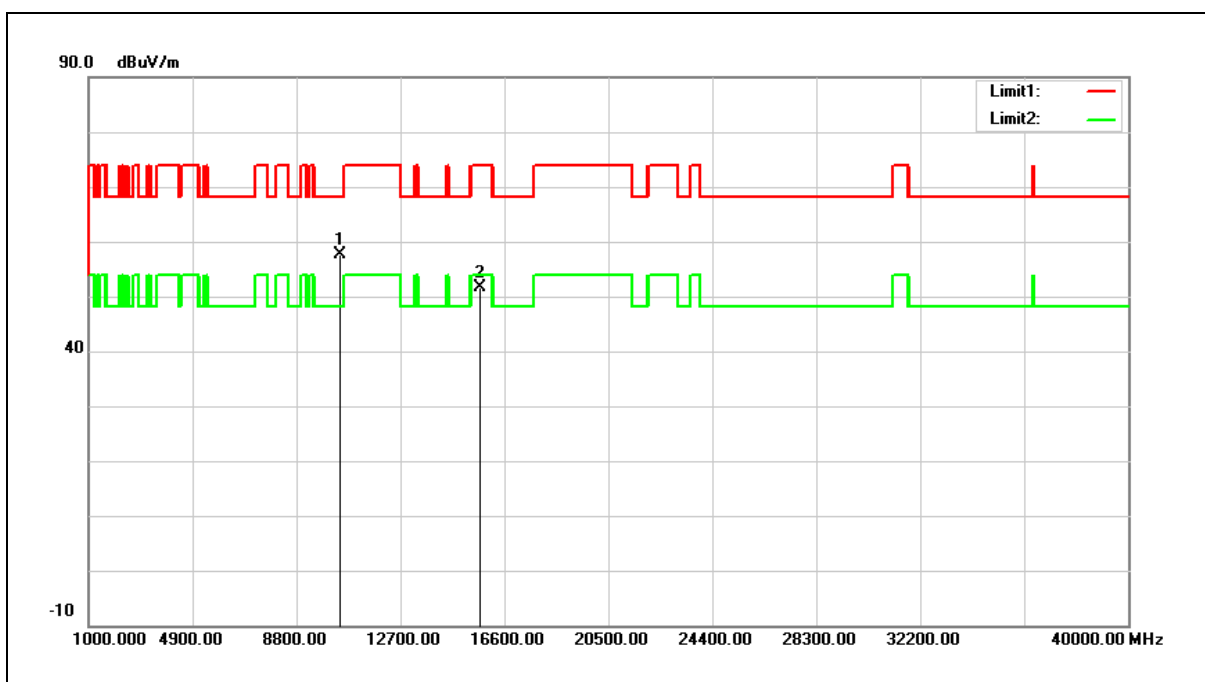
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	37.27	13.63	50.90	68.20	-17.30	peak
2	15690.000	37.51	15.36	52.87	74.00	-21.13	peak
3	15690.000	23.55	15.36	38.91	54.00	-15.09	AVG

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:	3m
Test item:	Harmonic		
Frequency:	5230MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



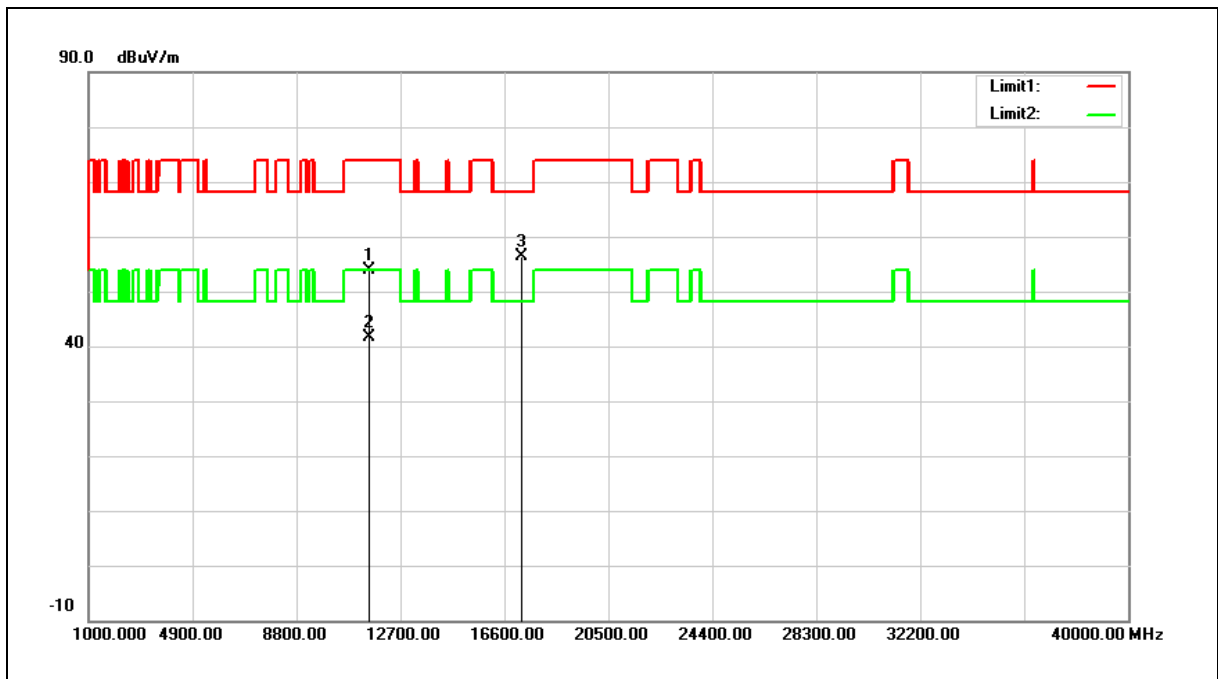
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	44.10	13.63	57.73	68.20	-10.47	peak
2	15690.000	36.23	15.36	51.59	74.00	-22.41	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5755MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



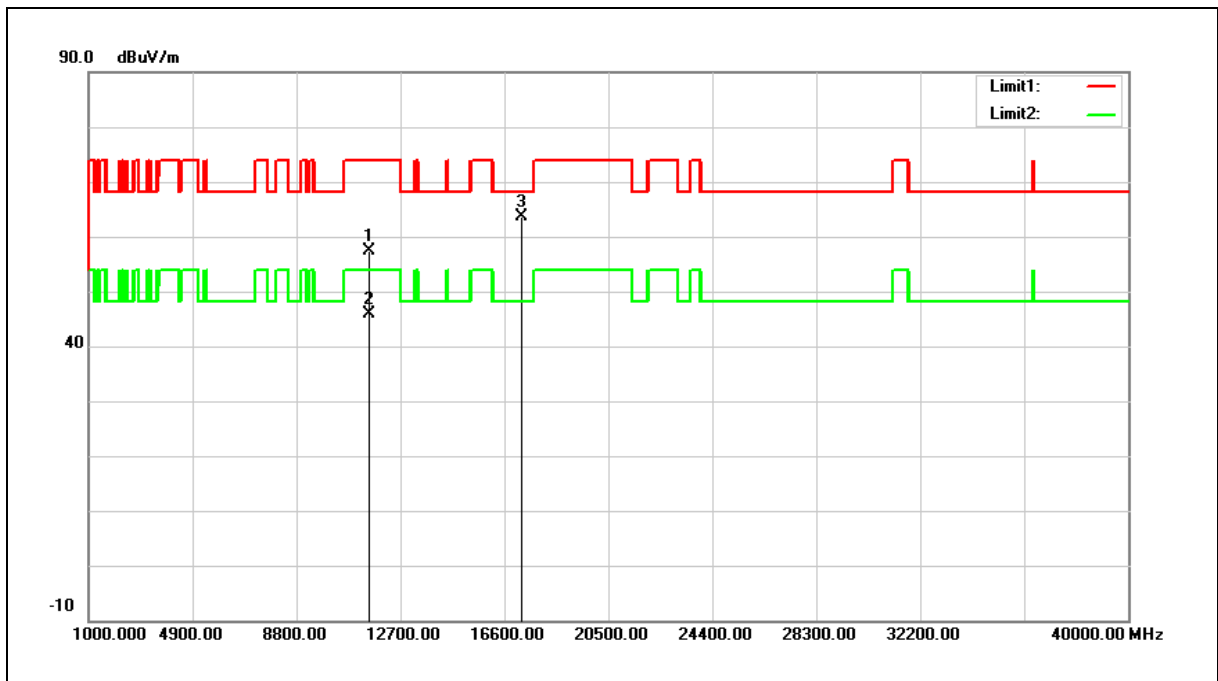
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	38.93	14.83	53.76	74.00	-20.24	peak
2	11510.000	26.80	14.83	41.63	54.00	-12.37	AVG
3	17265.000	36.49	20.00	56.49	68.20	-11.71	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5755MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



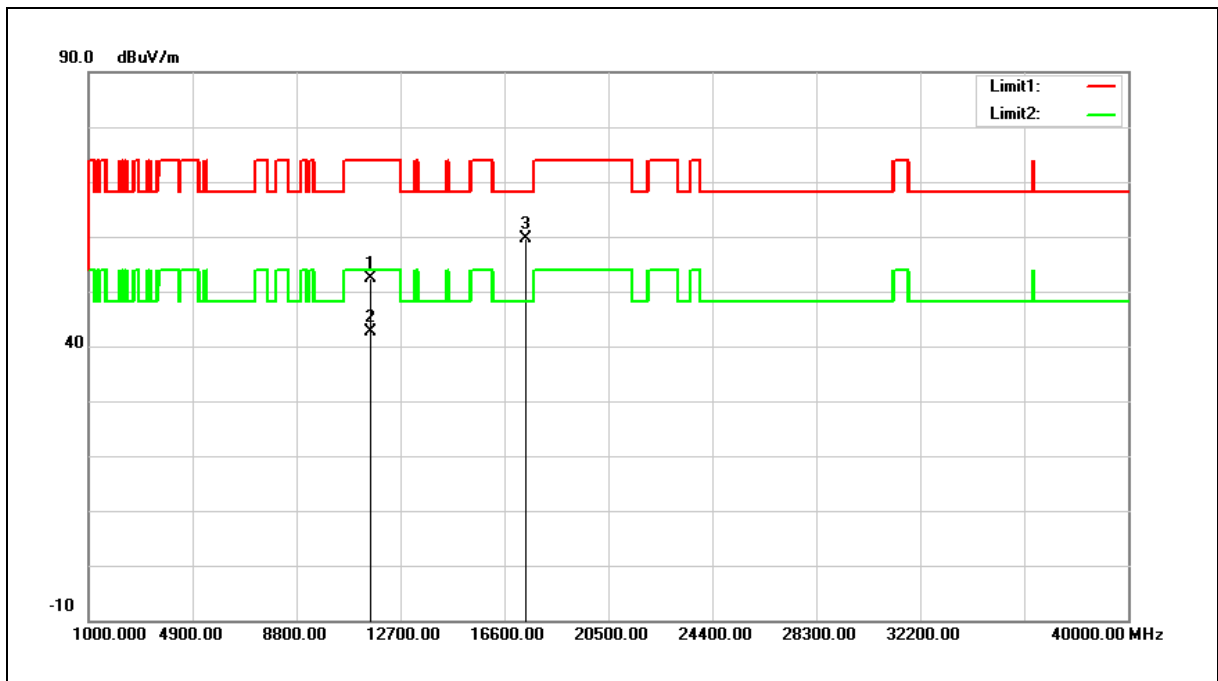
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	42.64	14.83	57.47	74.00	-16.53	peak
2	11510.000	31.00	14.83	45.83	54.00	-8.17	AVG
3	17265.000	43.53	20.00	63.53	68.20	-4.67	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5795MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		



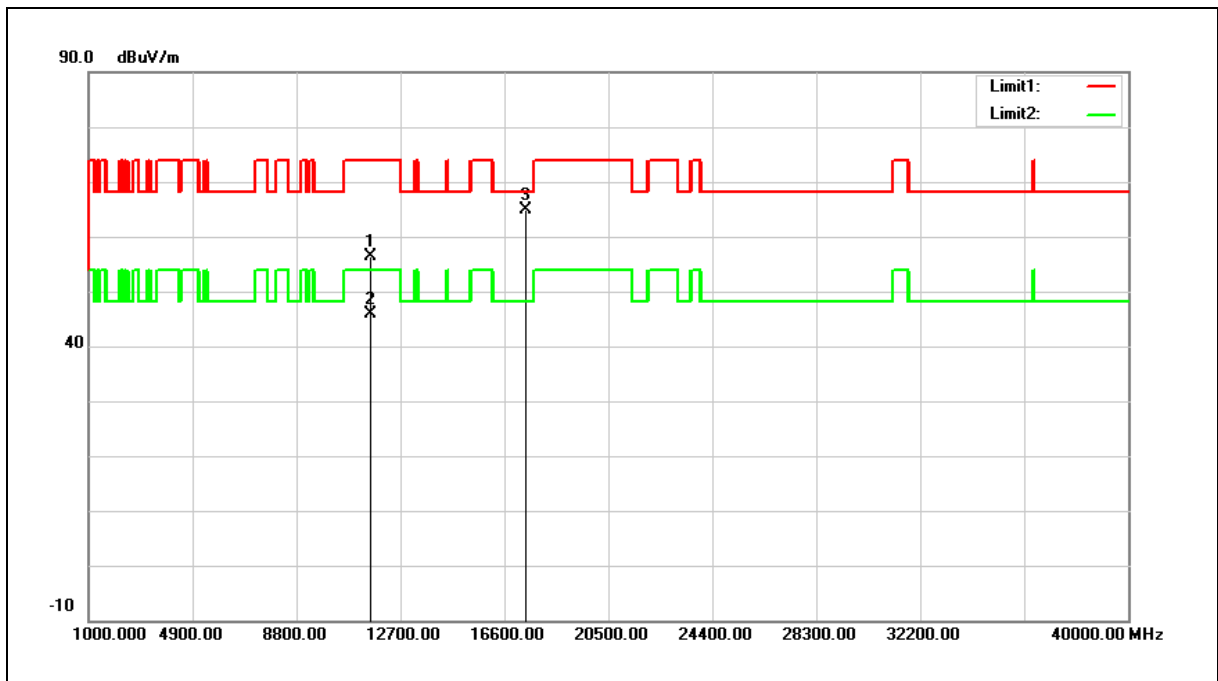
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	37.76	14.70	52.46	74.00	-21.54	peak
2	11590.000	27.99	14.70	42.69	54.00	-11.31	AVG
3	17385.000	39.05	20.65	59.70	68.20	-8.50	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5795MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		



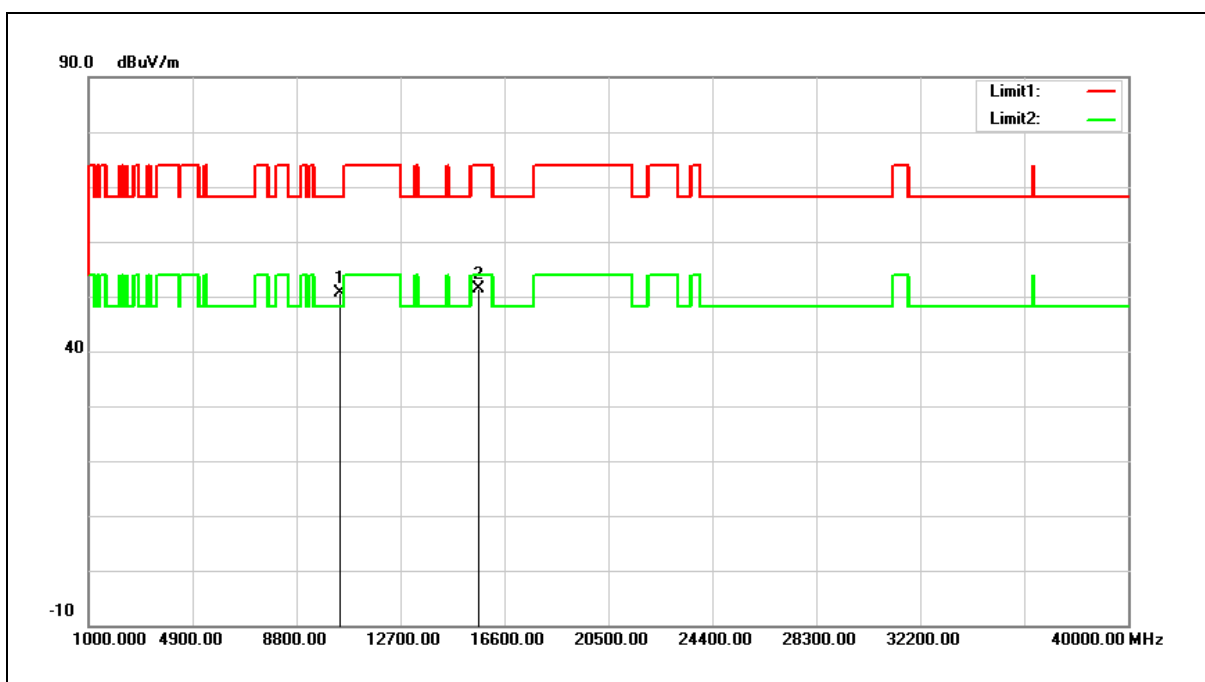
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	41.70	14.70	56.40	74.00	-17.60	peak
2	11590.000	31.07	14.70	45.77	54.00	-8.23	AVG
3	17385.000	44.27	20.65	64.92	68.20	-3.28	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5210MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



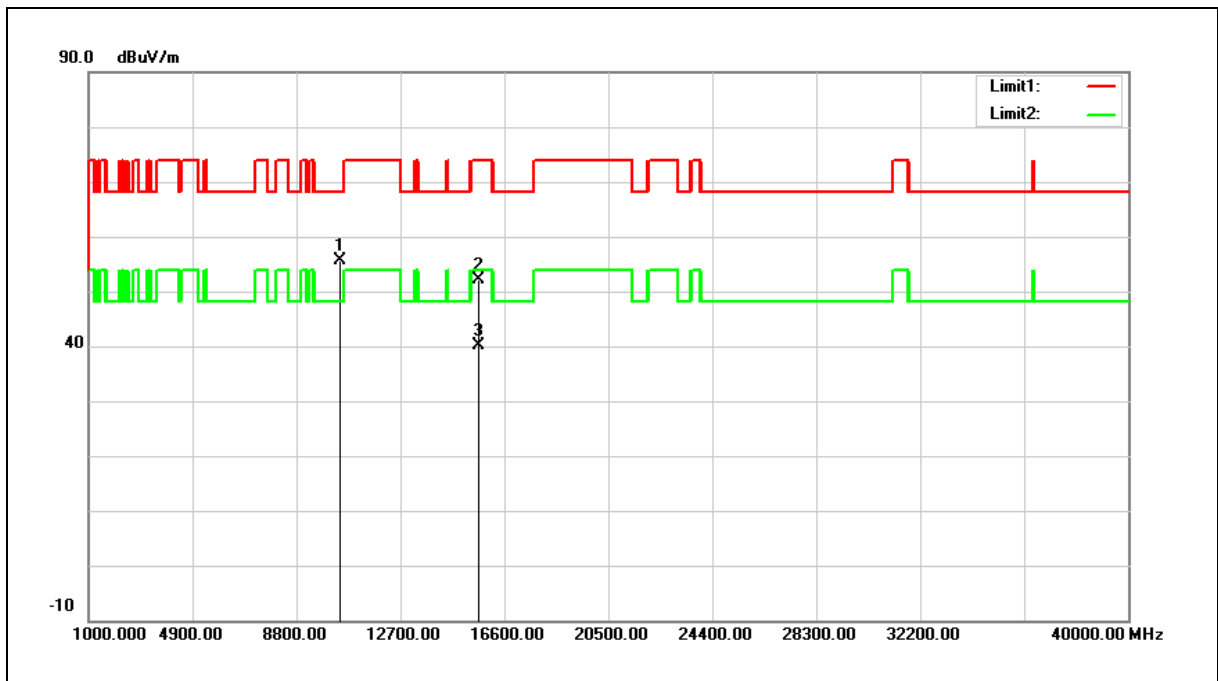
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	37.07	13.49	50.56	68.20	-17.64	peak
2	15630.000	35.75	15.55	51.30	74.00	-22.70	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5210MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



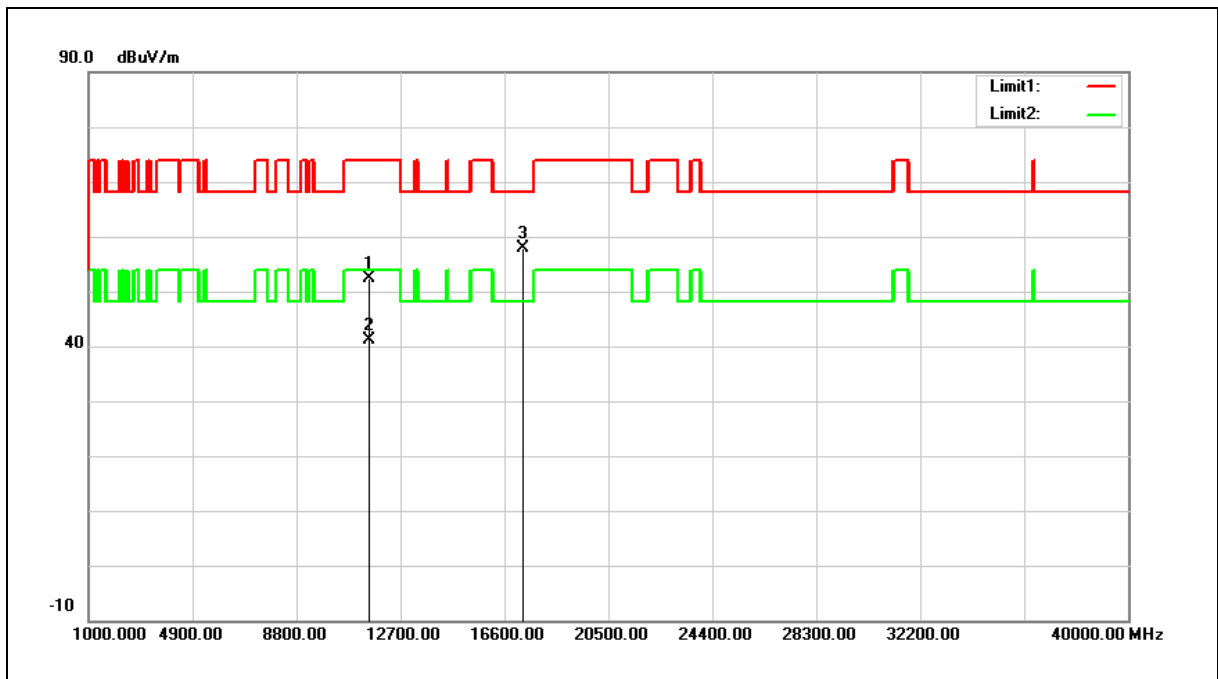
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	42.19	13.49	55.68	68.20	-12.52	peak
2	15630.000	36.70	15.55	52.25	74.00	-21.75	peak
3	15630.000	24.46	15.55	40.01	54.00	-13.99	AVG

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:	3m
Test item:	Harmonic		
Frequency:	5775MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



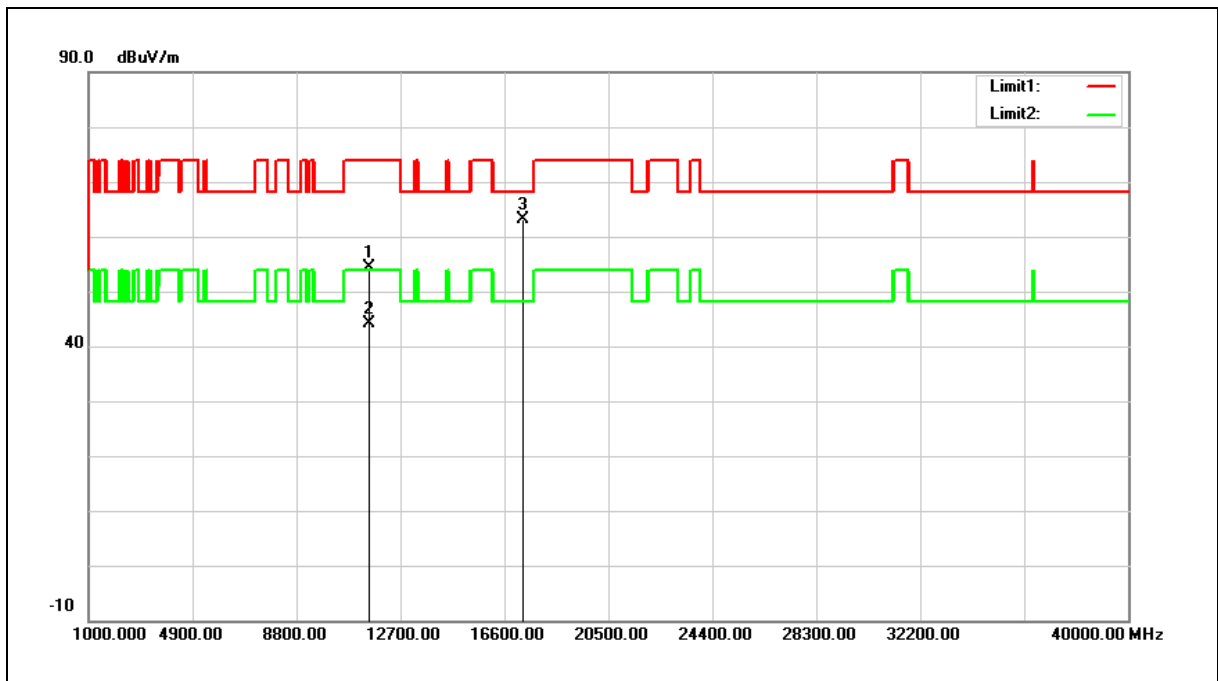
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	37.59	14.77	52.36	74.00	-21.64	peak
2	11550.000	26.38	14.77	41.15	54.00	-12.85	AVG
3	17325.000	37.63	20.32	57.95	68.20	-10.25	peak

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

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

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

Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Harmonic		
Frequency:	5775MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	39.51	14.77	54.28	74.00	-19.72	peak
2	11550.000	29.43	14.77	44.20	54.00	-9.80	AVG
3	17325.000	42.85	20.32	63.17	68.20	-5.03	peak

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

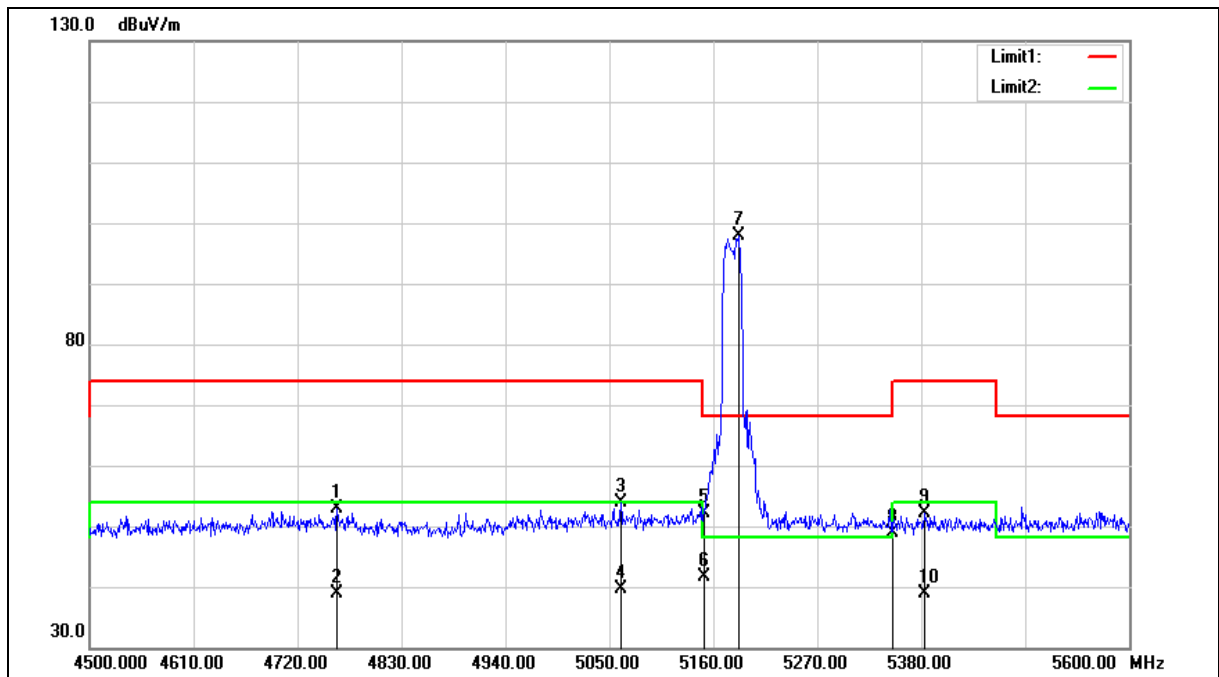
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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



Band Edge

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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5180MHz		
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	4761.800	54.18	-1.42	52.76	74.00	-21.24	peak
2	4761.800	40.31	-1.42	38.89	54.00	-15.11	AVG
3	5062.100	54.48	-0.65	53.83	74.00	-20.17	peak
4	5062.100	40.35	-0.65	39.70	54.00	-14.30	AVG
5	5150.000	52.63	-0.48	52.15	74.00	-21.85	peak
6	5150.000	42.01	-0.48	41.53	54.00	-12.47	AVG
7	5186.400	98.22	-0.40	97.82	--	--	peak
8	5350.000	49.04	-0.08	48.96	74.00	-25.04	peak
9	5383.300	52.06	-0.02	52.04	74.00	-21.96	peak
10	5383.300	38.93	-0.02	38.91	54.00	-15.09	AVG

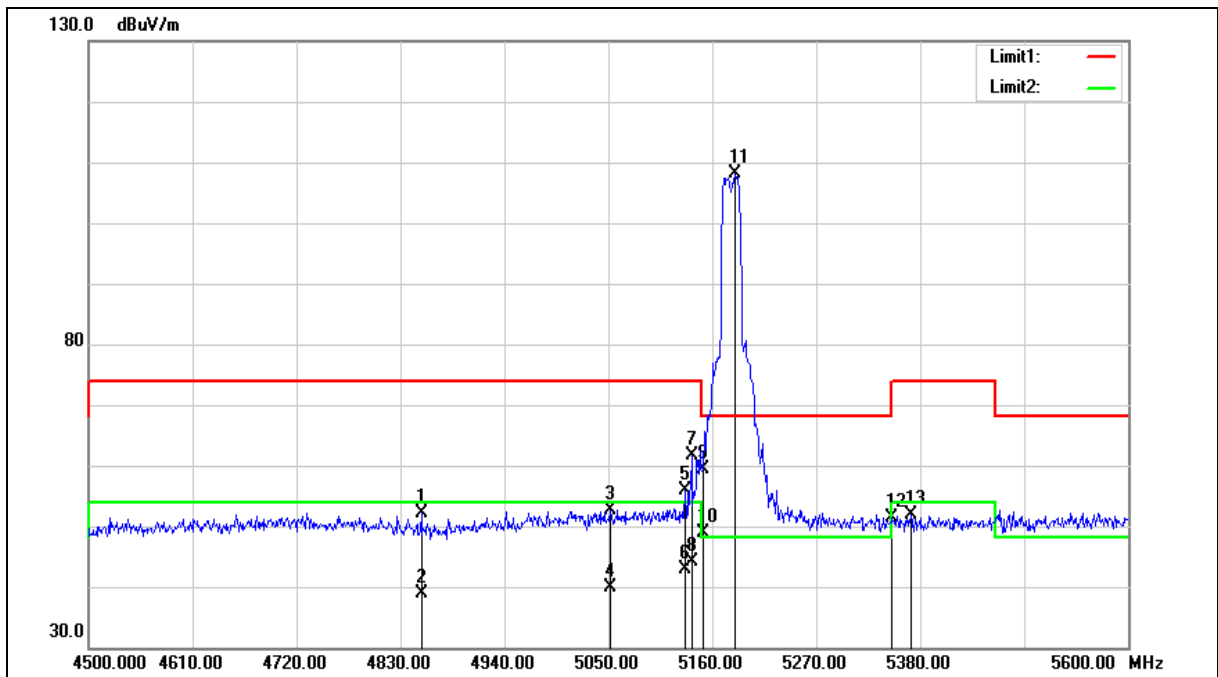
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5180MHz		
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	4852.000	53.31	-1.18	52.13	74.00	-21.87	peak
2	4852.000	40.17	-1.18	38.99	54.00	-15.01	AVG
3	5052.200	53.39	-0.66	52.73	74.00	-21.27	peak
4	5052.200	40.48	-0.66	39.82	54.00	-14.18	AVG
5	5131.400	56.44	-0.51	55.93	74.00	-18.07	peak
6	5131.400	43.29	-0.51	42.78	54.00	-11.22	AVG
7	5138.000	62.16	-0.49	61.67	74.00	-12.33	peak
8	5138.000	44.54	-0.49	44.05	54.00	-9.95	AVG
9	5150.000	59.86	-0.48	59.38	74.00	-14.62	peak
10	5150.000	49.27	-0.48	48.79	54.00	-5.21	AVG
11	5184.200	108.48	-0.40	108.08	--	--	peak
12	5350.000	51.49	-0.08	51.41	74.00	-22.59	peak
13	5370.100	51.84	-0.03	51.81	74.00	-22.19	peak

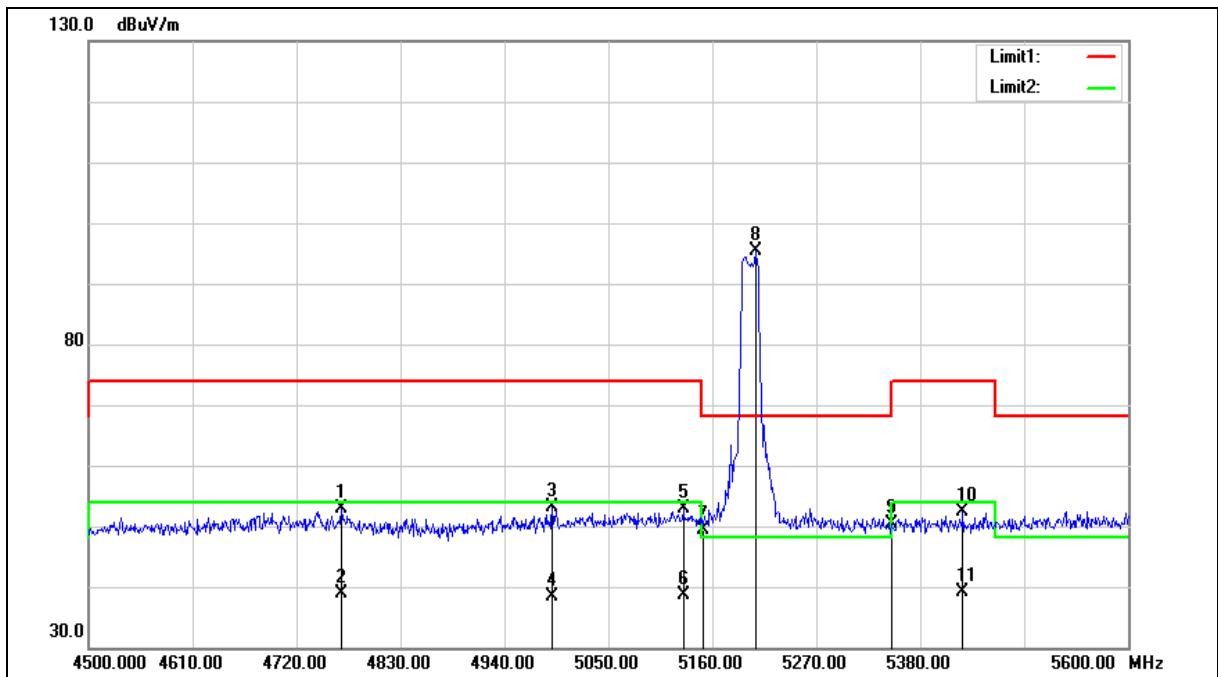
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5200MHz		
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	4767.300	54.37	-1.41	52.96	74.00	-21.04	peak
2	4767.300	40.19	-1.41	38.78	54.00	-15.22	AVG
3	4990.600	54.01	-0.79	53.22	74.00	-20.78	peak
4	4990.600	39.18	-0.79	38.39	54.00	-15.61	AVG
5	5129.200	53.37	-0.52	52.85	74.00	-21.15	peak
6	5129.200	39.19	-0.52	38.67	54.00	-15.33	AVG
7	5150.000	49.86	-0.48	49.38	74.00	-24.62	peak
8	5206.200	95.68	-0.37	95.31	--	--	peak
9	5350.000	50.45	-0.08	50.37	74.00	-23.63	peak
10	5425.100	52.30	0.06	52.36	74.00	-21.64	peak
11	5425.100	39.13	0.06	39.19	54.00	-14.81	AVG

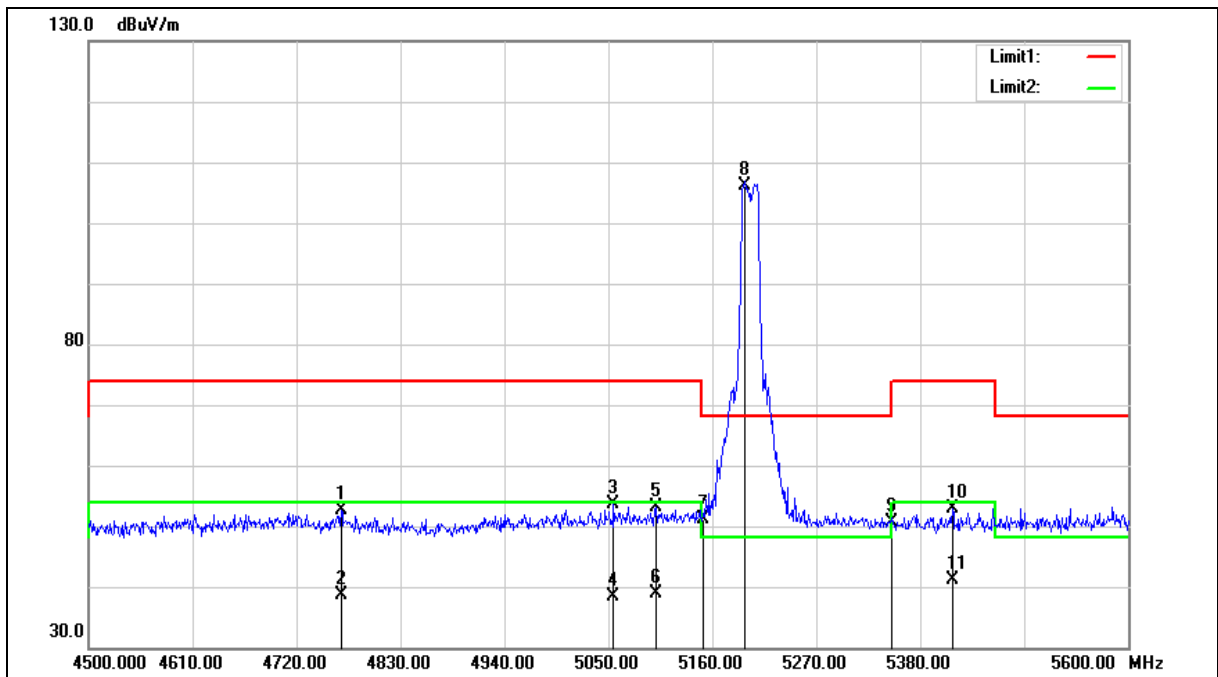
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5200MHz		
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	4767.300	54.15	-1.41	52.74	74.00	-21.26	peak
2	4767.300	39.98	-1.41	38.57	54.00	-15.43	AVG
3	5055.500	54.35	-0.66	53.69	74.00	-20.31	peak
4	5055.500	39.08	-0.66	38.42	54.00	-15.58	AVG
5	5100.600	53.76	-0.57	53.19	74.00	-20.81	peak
6	5100.600	39.33	-0.57	38.76	54.00	-15.24	AVG
7	5150.000	51.58	-0.48	51.10	74.00	-22.90	peak
8	5194.100	106.61	-0.39	106.22	--	--	peak
9	5350.000	50.66	-0.08	50.58	74.00	-23.42	peak
10	5414.100	52.73	0.05	52.78	74.00	-21.22	peak
11	5414.100	41.19	0.05	41.24	54.00	-12.76	AVG

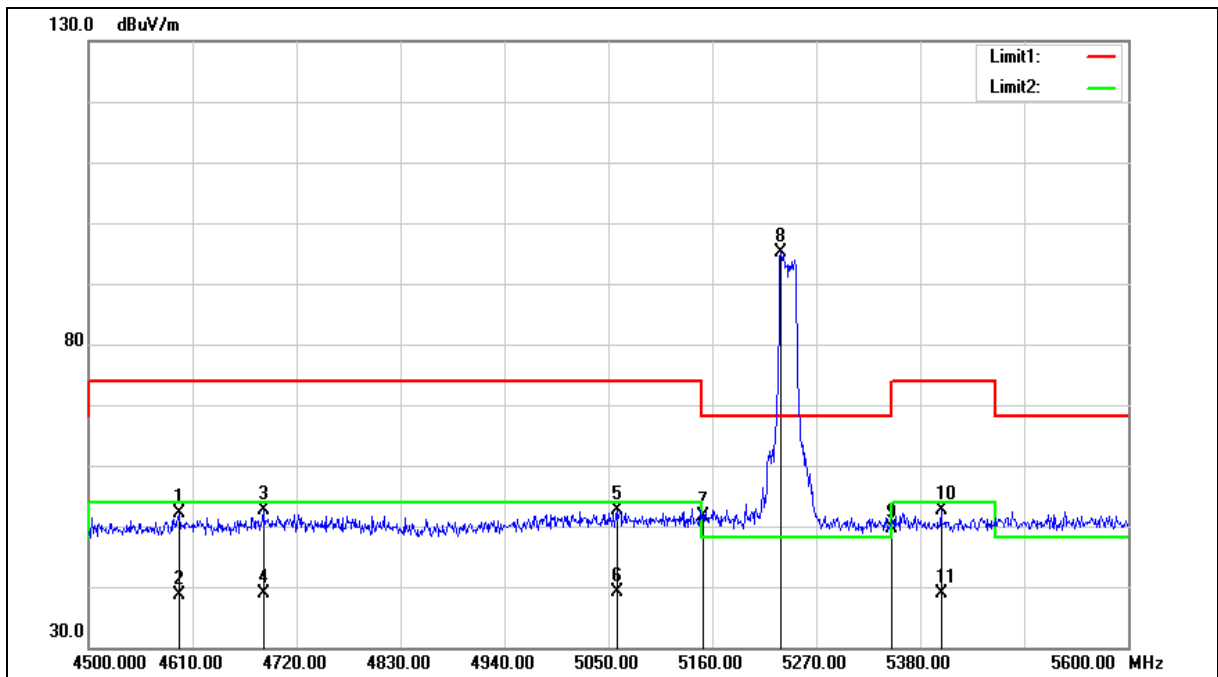
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5240MHz		
Mode:	Mode 3		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5240MHz		
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	4595.700	53.92	-1.88	52.04	74.00	-21.96	peak
2	4595.700	40.52	-1.88	38.64	54.00	-15.36	AVG
3	4684.800	54.26	-1.64	52.62	74.00	-21.38	peak
4	4684.800	40.43	-1.64	38.79	54.00	-15.21	AVG
5	5058.800	53.18	-0.65	52.53	74.00	-21.47	peak
6	5058.800	39.89	-0.65	39.24	54.00	-14.76	AVG
7	5150.000	52.01	-0.48	51.53	74.00	-22.47	peak
8	5232.600	95.49	-0.31	95.18	--	--	peak
9	5350.000	49.75	-0.08	49.67	74.00	-24.33	peak
10	5402.000	52.59	0.02	52.61	74.00	-21.39	peak
11	5402.000	38.90	0.02	38.92	54.00	-15.08	AVG

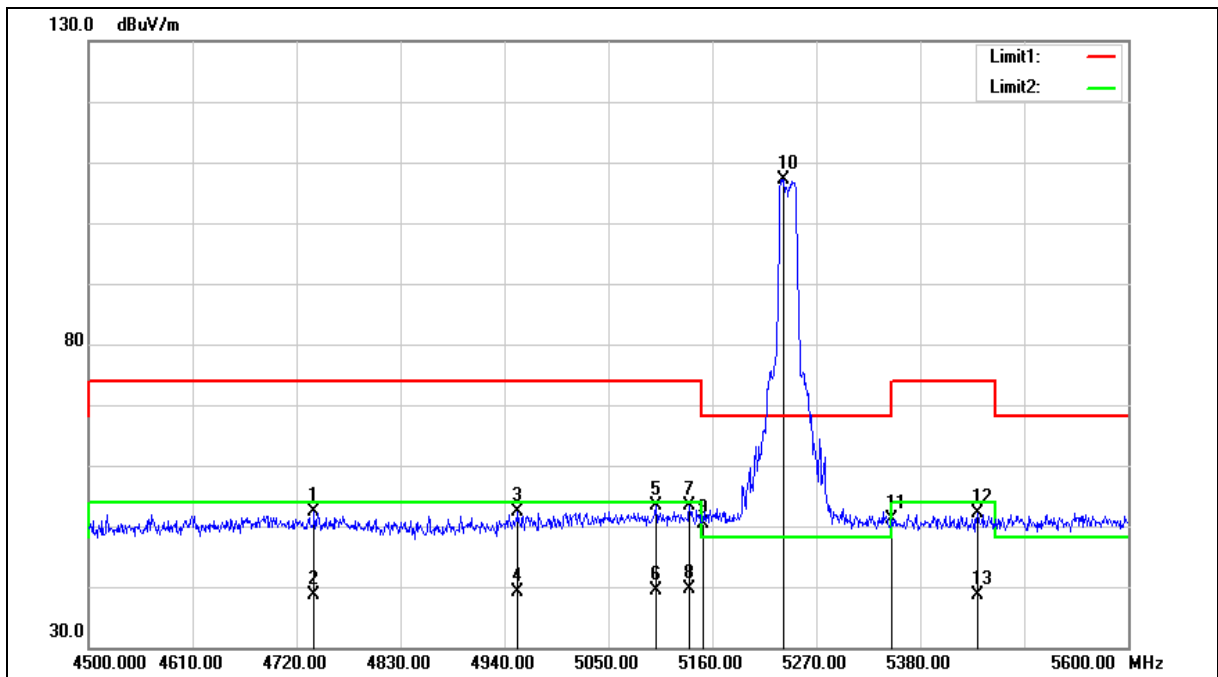
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5240MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5240MHz		
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	4738.700	53.78	-1.49	52.29	74.00	-21.71	peak
2	4738.700	40.16	-1.49	38.67	54.00	-15.33	AVG
3	4954.300	53.16	-0.89	52.27	74.00	-21.73	peak
4	4954.300	40.08	-0.89	39.19	54.00	-14.81	AVG
5	5100.600	53.93	-0.57	53.36	74.00	-20.64	peak
6	5100.600	39.95	-0.57	39.38	54.00	-14.62	AVG
7	5135.800	53.91	-0.50	53.41	74.00	-20.59	peak
8	5135.800	40.04	-0.50	39.54	54.00	-14.46	AVG
9	5150.000	50.95	-0.48	50.47	74.00	-23.53	peak
10	5235.900	107.44	-0.31	107.13	--	--	peak
11	5350.000	51.09	-0.08	51.01	74.00	-22.99	peak
12	5440.500	52.01	0.09	52.10	74.00	-21.90	peak
13	5440.500	38.66	0.09	38.75	54.00	-15.25	AVG

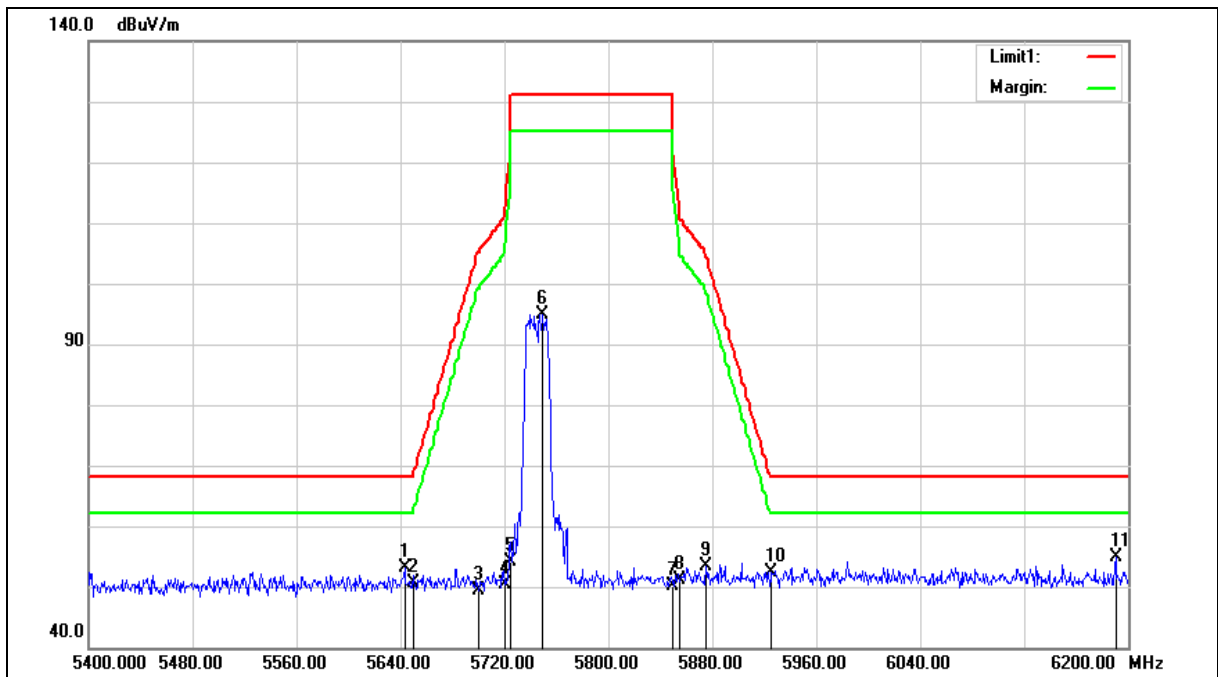
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5745MHz		
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	5643.200	52.55	0.60	53.15	68.20	-15.05	peak
2	5650.000	50.11	0.62	50.73	68.20	-17.47	peak
3	5700.000	48.73	0.75	49.48	105.20	-55.72	peak
4	5720.000	49.64	0.81	50.45	110.80	-60.35	peak
5	5725.000	53.20	0.82	54.02	122.20	-68.18	peak
6	5749.600	94.06	0.89	94.95	--	--	peak
7	5850.000	49.07	1.17	50.24	122.20	-71.96	peak
8	5855.000	49.98	1.18	51.16	110.80	-59.64	peak
9	5875.000	52.08	1.23	53.31	105.20	-51.89	peak
10	5925.000	50.98	1.37	52.35	68.20	-15.85	peak
11	6190.400	52.71	2.24	54.95	68.20	-13.25	peak

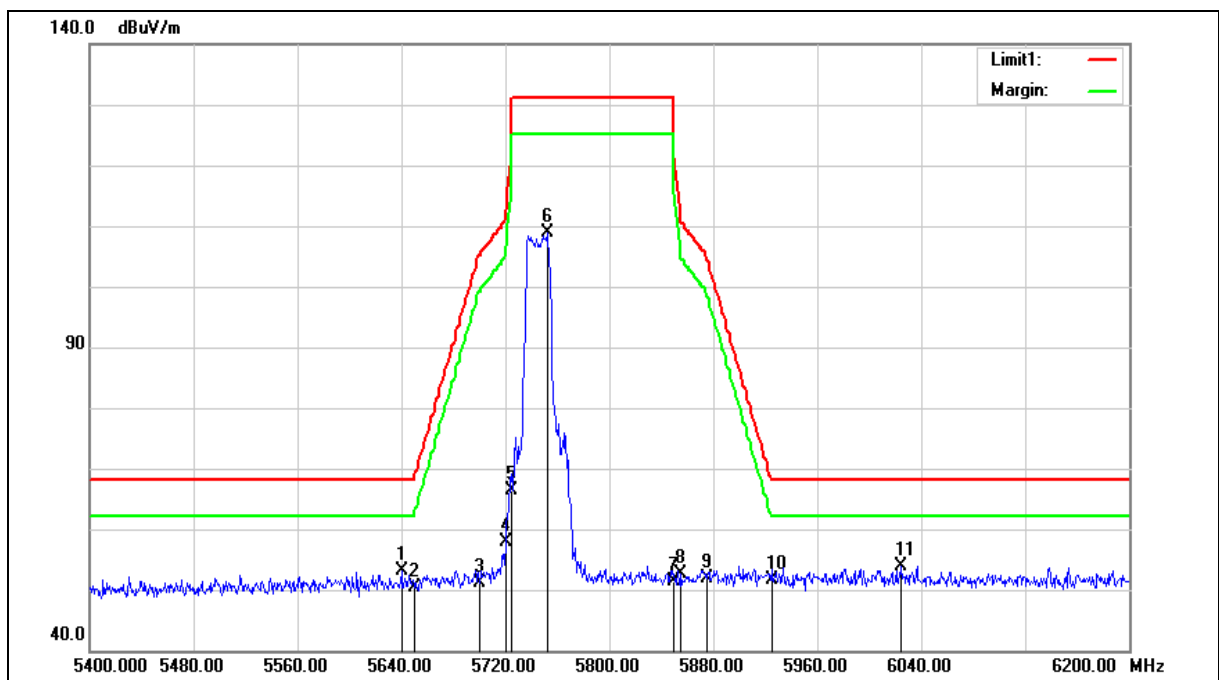
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5745MHz		
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	5640.000	52.51	0.59	53.10	68.20	-15.10	peak
2	5650.000	49.69	0.62	50.31	68.20	-17.89	peak
3	5700.000	50.46	0.75	51.21	105.20	-53.99	peak
4	5720.000	57.07	0.81	57.88	110.80	-52.92	peak
5	5725.000	65.48	0.82	66.30	122.20	-55.90	peak
6	5752.000	108.10	0.90	109.00	--	--	peak
7	5850.000	50.23	1.17	51.40	122.20	-70.80	peak
8	5855.000	51.35	1.18	52.53	110.80	-58.27	peak
9	5875.000	50.65	1.23	51.88	105.20	-53.32	peak
10	5925.000	50.30	1.37	51.67	68.20	-16.53	peak
11	6024.800	52.29	1.65	53.94	68.20	-14.26	peak

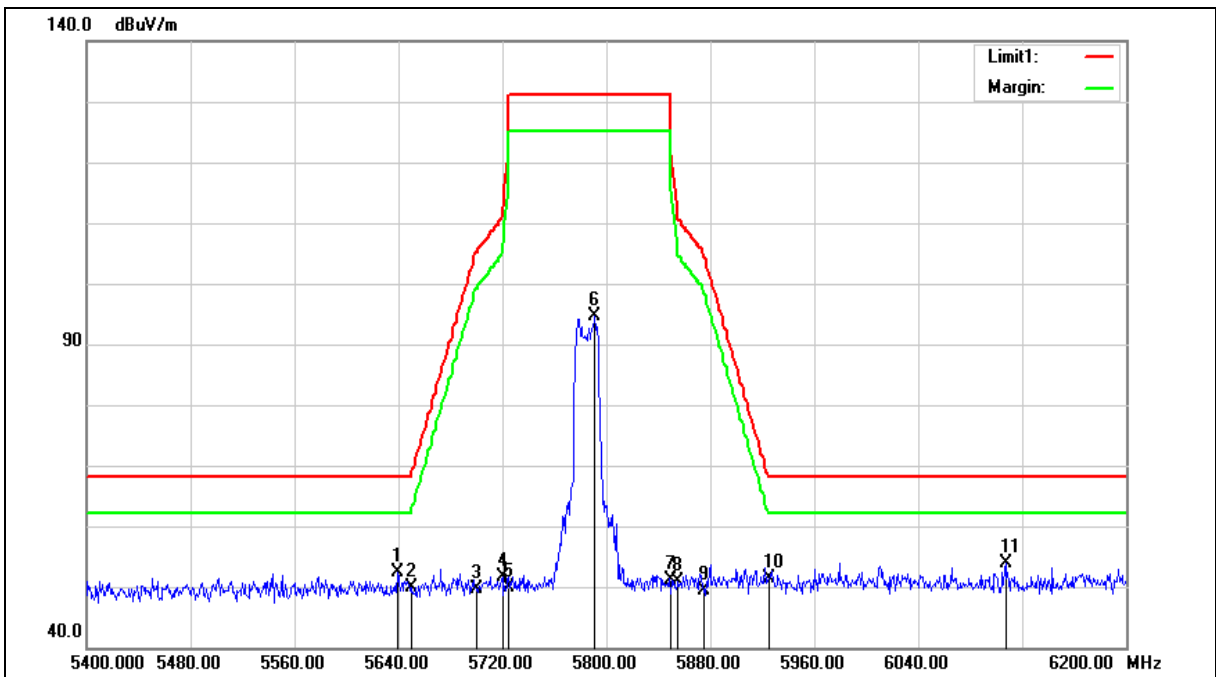
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5785MHz		
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	5639.200	51.85	0.59	52.44	68.20	-15.76	peak
2	5650.000	49.27	0.62	49.89	68.20	-18.31	peak
3	5700.000	48.76	0.75	49.51	105.20	-55.69	peak
4	5720.000	50.76	0.81	51.57	110.80	-59.23	peak
5	5725.000	48.94	0.82	49.76	122.20	-72.44	peak
6	5791.200	93.60	1.01	94.61	--	--	peak
7	5850.000	50.00	1.17	51.17	122.20	-71.03	peak
8	5855.000	49.61	1.18	50.79	110.80	-60.01	peak
9	5875.000	48.04	1.23	49.27	105.20	-55.93	peak
10	5925.000	49.97	1.37	51.34	68.20	-16.86	peak
11	6107.200	51.89	1.95	53.84	68.20	-14.36	peak

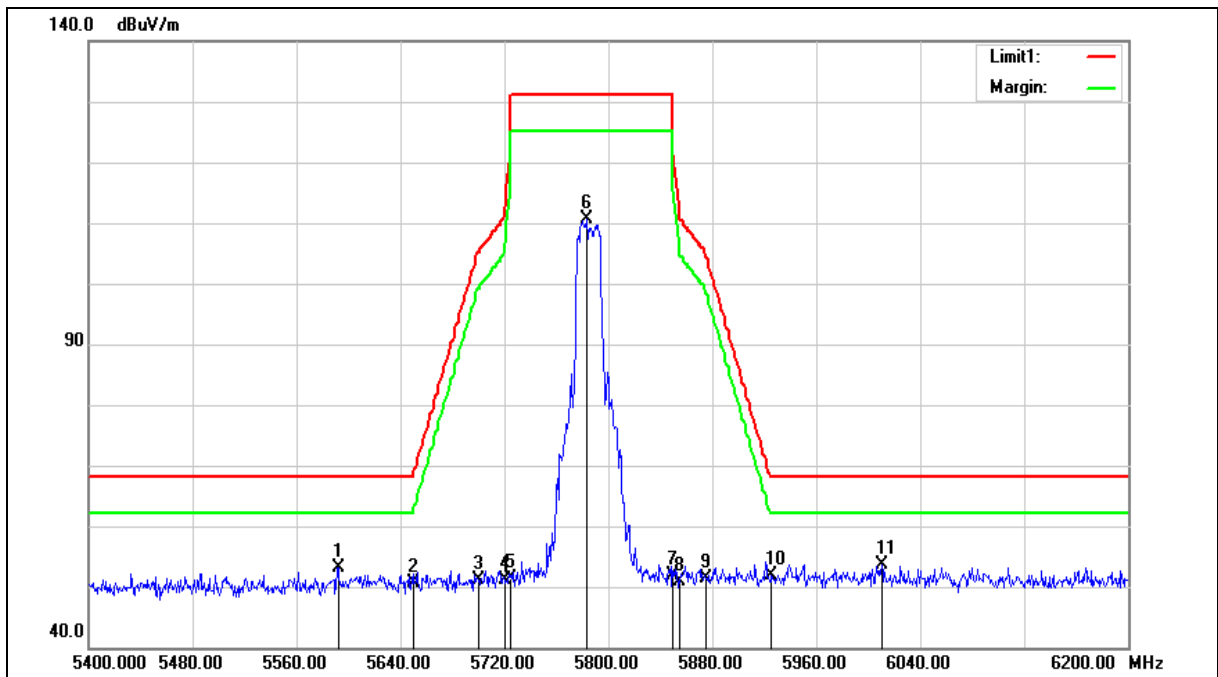
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5785MHz		
Mode:	Mode 3		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5785MHz		
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	5592.000	52.64	0.47	53.11	68.20	-15.09	peak
2	5650.000	50.13	0.62	50.75	68.20	-17.45	peak
3	5700.000	50.44	0.75	51.19	105.20	-54.01	peak
4	5720.000	50.23	0.81	51.04	110.80	-59.76	peak
5	5725.000	50.56	0.82	51.38	122.20	-70.82	peak
6	5783.200	109.64	0.98	110.62	--	--	peak
7	5850.000	50.65	1.17	51.82	122.20	-70.38	peak
8	5855.000	49.75	1.18	50.93	110.80	-59.87	peak
9	5875.000	50.17	1.23	51.40	105.20	-53.80	peak
10	5925.000	50.57	1.37	51.94	68.20	-16.26	peak
11	6010.400	52.10	1.60	53.70	68.20	-14.50	peak

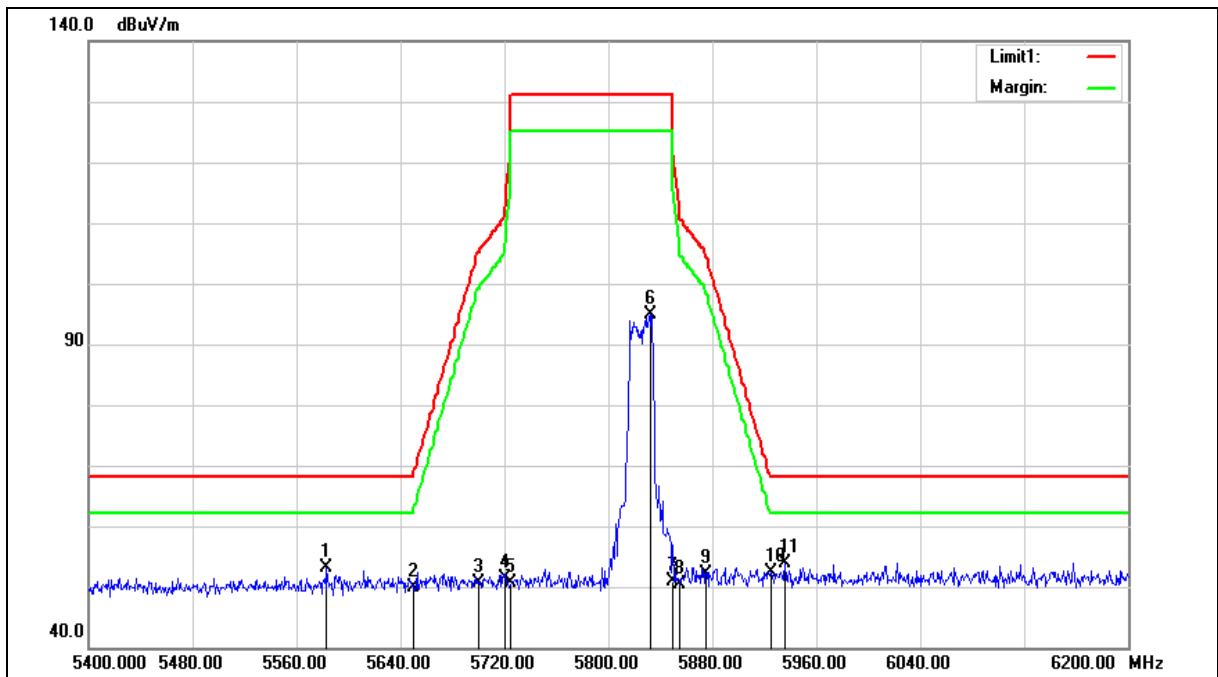
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5825MHz		
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	5583.200	52.58	0.43	53.01	68.20	-15.19	peak
2	5650.000	49.14	0.62	49.76	68.20	-18.44	peak
3	5700.000	49.76	0.75	50.51	105.20	-54.69	peak
4	5720.000	50.64	0.81	51.45	110.80	-59.35	peak
5	5725.000	49.82	0.82	50.64	122.20	-71.56	peak
6	5832.800	93.87	1.11	94.98	--	--	peak
7	5850.000	49.60	1.17	50.77	122.20	-71.43	peak
8	5855.000	49.19	1.18	50.37	110.80	-60.43	peak
9	5875.000	50.97	1.23	52.20	105.20	-53.00	peak
10	5925.000	50.92	1.37	52.29	68.20	-15.91	peak
11	5936.000	52.46	1.40	53.86	68.20	-14.34	peak

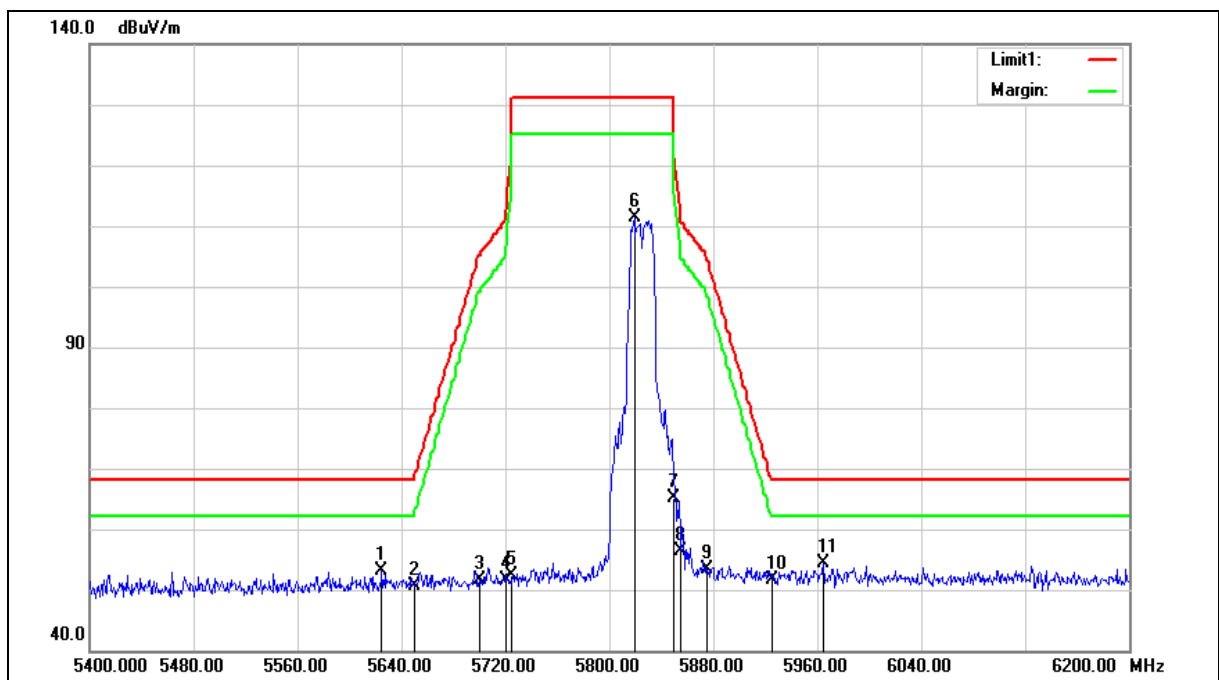
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



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





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5825MHz		
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	5624.800	52.49	0.55	53.04	68.20	-15.16	peak
2	5650.000	49.98	0.62	50.60	68.20	-17.60	peak
3	5700.000	50.82	0.75	51.57	105.20	-53.63	peak
4	5720.000	50.76	0.81	51.57	110.80	-59.23	peak
5	5725.000	51.59	0.82	52.41	122.20	-69.79	peak
6	5819.200	110.34	1.08	111.42	--	--	peak
7	5850.000	63.97	1.17	65.14	122.20	-57.06	peak
8	5855.000	55.12	1.18	56.30	110.80	-54.50	peak
9	5875.000	52.20	1.23	53.43	105.20	-51.77	peak
10	5925.000	50.24	1.37	51.61	68.20	-16.59	peak
11	5964.800	52.90	1.48	54.38	68.20	-13.82	peak

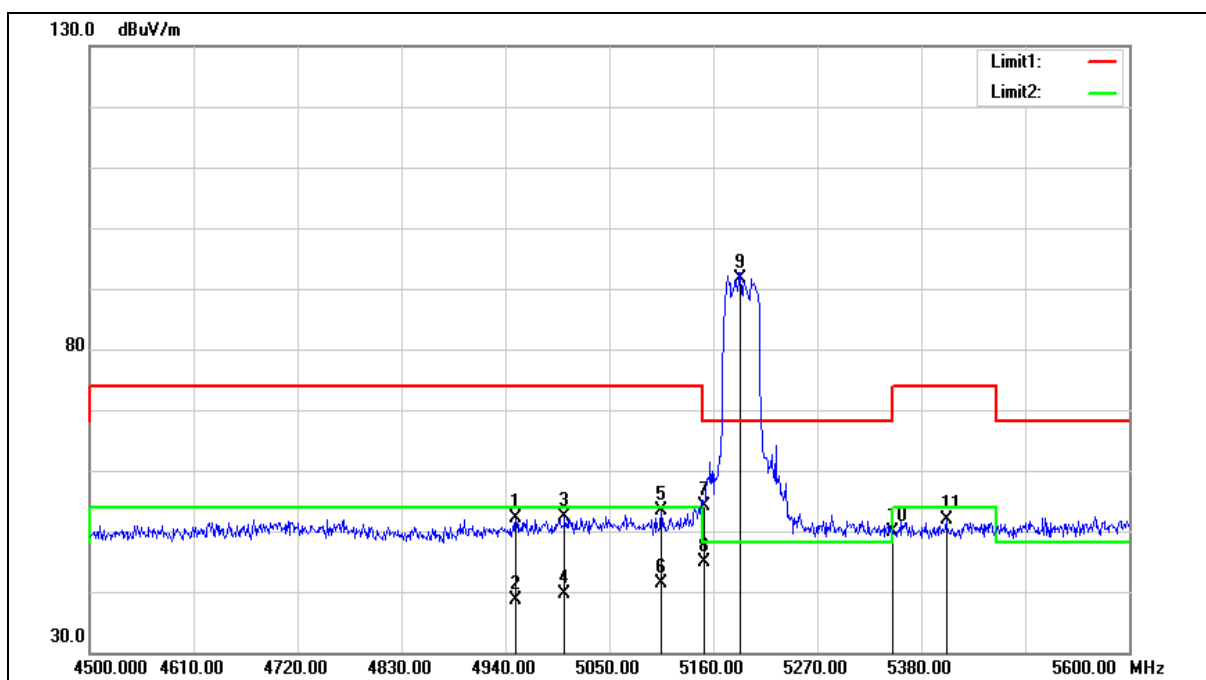
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5190MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5190MHz		
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	4951.000	53.10	-0.90	52.20	74.00	-21.80	peak
2	4951.000	39.52	-0.90	38.62	54.00	-15.38	AVG
3	5002.700	53.21	-0.77	52.44	74.00	-21.56	peak
4	5002.700	40.52	-0.77	39.75	54.00	-14.25	AVG
5	5105.000	53.94	-0.57	53.37	74.00	-20.63	peak
6	5105.000	41.98	-0.57	41.41	54.00	-12.59	AVG
7	5150.000	54.65	-0.48	54.17	74.00	-19.83	peak
8	5150.000	45.42	-0.48	44.94	54.00	-9.06	AVG
9	5188.600	91.97	-0.40	91.57	--	--	peak
10	5350.000	49.94	-0.08	49.86	74.00	-24.14	peak
11	5406.400	51.87	0.04	51.91	74.00	-22.09	peak

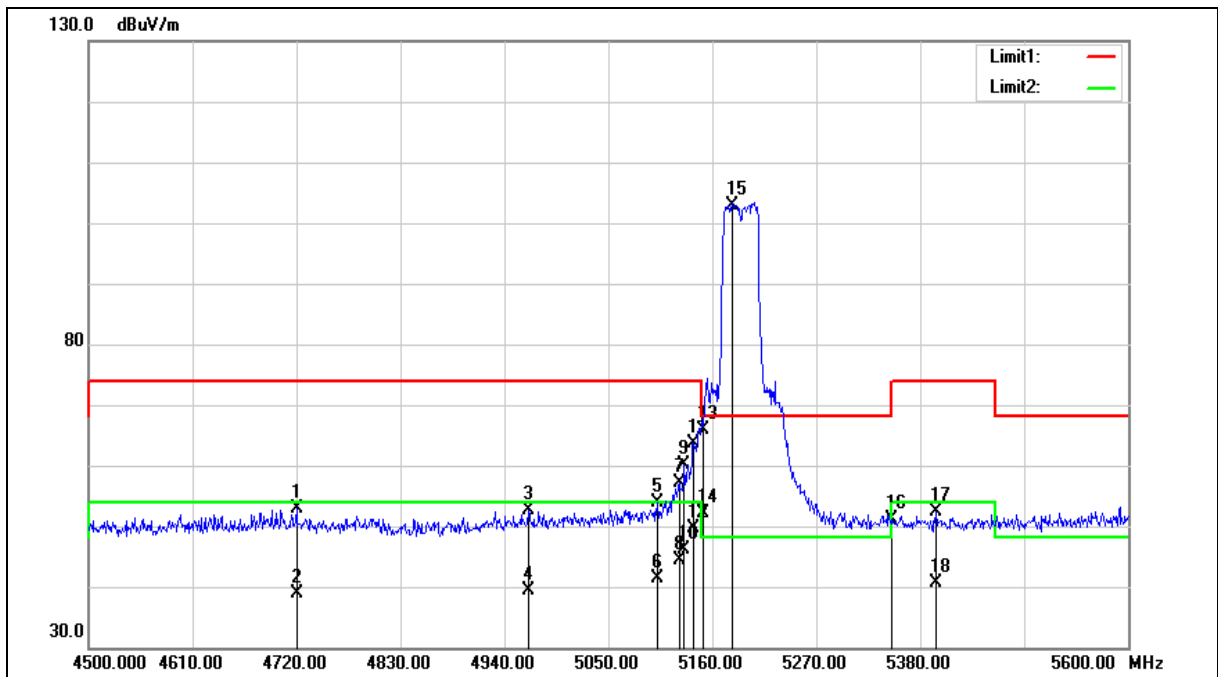
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5190MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5190MHz		
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	4720.000	54.53	-1.53	53.00	74.00	-21.00	peak
2	4720.000	40.39	-1.53	38.86	54.00	-15.14	AVG
3	4965.300	53.52	-0.87	52.65	74.00	-21.35	peak
4	4965.300	40.35	-0.87	39.48	54.00	-14.52	AVG
5	5101.700	54.49	-0.57	53.92	74.00	-20.08	peak
6	5101.700	41.86	-0.57	41.29	54.00	-12.71	AVG
7	5124.800	57.64	-0.52	57.12	74.00	-16.88	peak
8	5124.800	45.02	-0.52	44.50	54.00	-9.50	AVG
9	5130.300	60.77	-0.52	60.25	74.00	-13.75	peak
10	5130.300	46.65	-0.52	46.13	54.00	-7.87	AVG
11	5140.200	64.23	-0.49	63.74	74.00	-10.26	peak
12	5140.200	50.00	-0.49	49.51	54.00	-4.49	AVG
13	5150.000	66.42	-0.48	65.94	74.00	-8.06	peak
14	5150.000	52.60	-0.48	52.12	54.00	-1.88	AVG
15	5180.900	103.21	-0.42	102.79	--	--	peak
16	5350.000	51.12	-0.08	51.04	74.00	-22.96	peak
17	5396.500	52.40	0.01	52.41	74.00	-21.59	peak
18	5396.500	40.52	0.01	40.53	54.00	-13.47	AVG

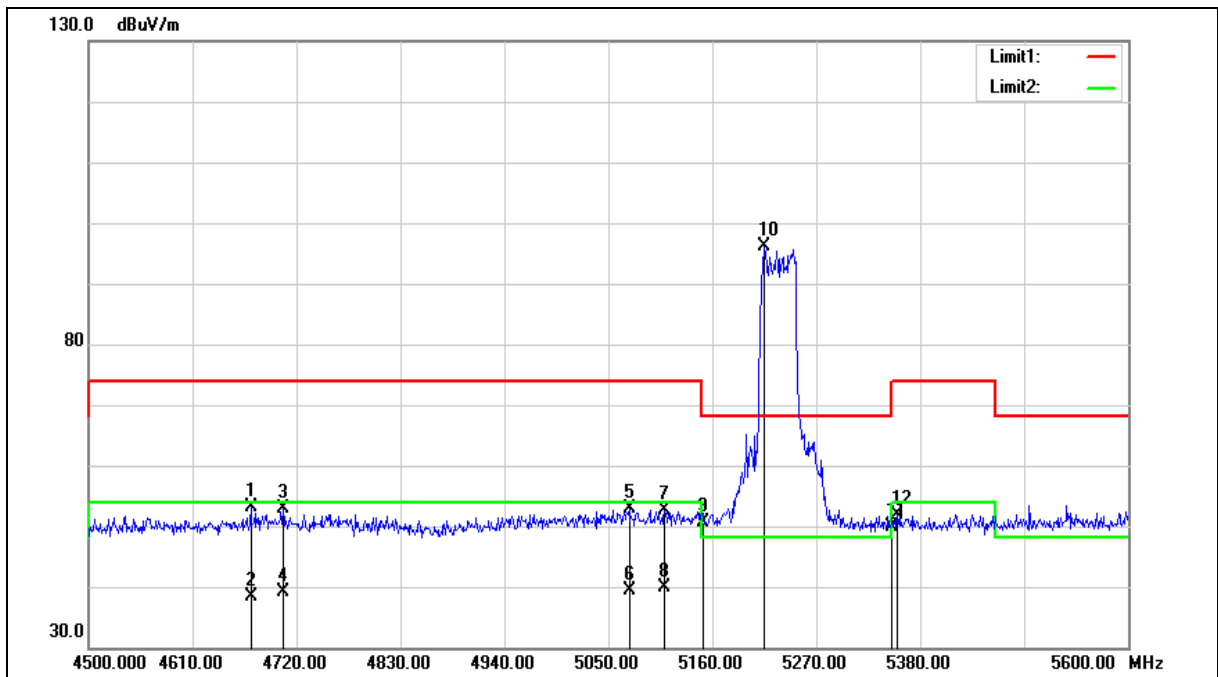
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5230MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5230MHz		
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	4671.600	54.79	-1.67	53.12	74.00	-20.88	peak
2	4671.600	40.12	-1.67	38.45	54.00	-15.55	AVG
3	4705.700	54.35	-1.58	52.77	74.00	-21.23	peak
4	4705.700	40.68	-1.58	39.10	54.00	-14.90	AVG
5	5072.000	53.60	-0.63	52.97	74.00	-21.03	peak
6	5072.000	40.05	-0.63	39.42	54.00	-14.58	AVG
7	5109.400	53.20	-0.55	52.65	74.00	-21.35	peak
8	5109.400	40.46	-0.55	39.91	54.00	-14.09	AVG
9	5150.000	51.00	-0.48	50.52	74.00	-23.48	peak
10	5215.000	96.48	-0.35	96.13	--	--	peak
11	5350.000	50.00	-0.08	49.92	74.00	-24.08	peak
12	5355.800	51.87	-0.07	51.80	74.00	-22.20	peak

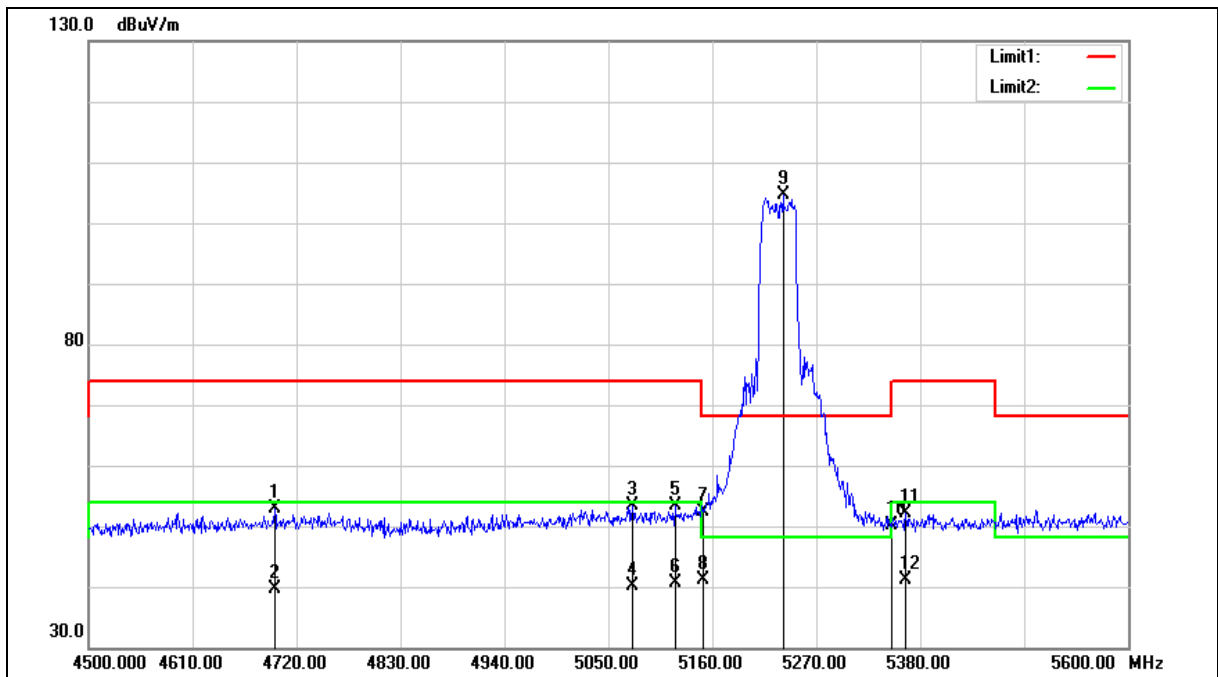
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5230MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5230MHz		
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	4696.900	54.56	-1.61	52.95	74.00	-21.05	peak
2	4696.900	41.33	-1.61	39.72	54.00	-14.28	AVG
3	5075.300	53.96	-0.62	53.34	74.00	-20.66	peak
4	5075.300	40.85	-0.62	40.23	54.00	-13.77	AVG
5	5120.400	53.94	-0.53	53.41	74.00	-20.59	peak
6	5120.400	41.21	-0.53	40.68	54.00	-13.32	AVG
7	5150.000	52.90	-0.48	52.42	74.00	-21.58	peak
8	5150.000	41.57	-0.48	41.09	54.00	-12.91	AVG
9	5234.800	105.00	-0.31	104.69	--	--	peak
10	5350.000	50.25	-0.08	50.17	74.00	-23.83	peak
11	5364.600	52.24	-0.05	52.19	74.00	-21.81	peak
12	5364.600	41.08	-0.05	41.03	54.00	-12.97	AVG

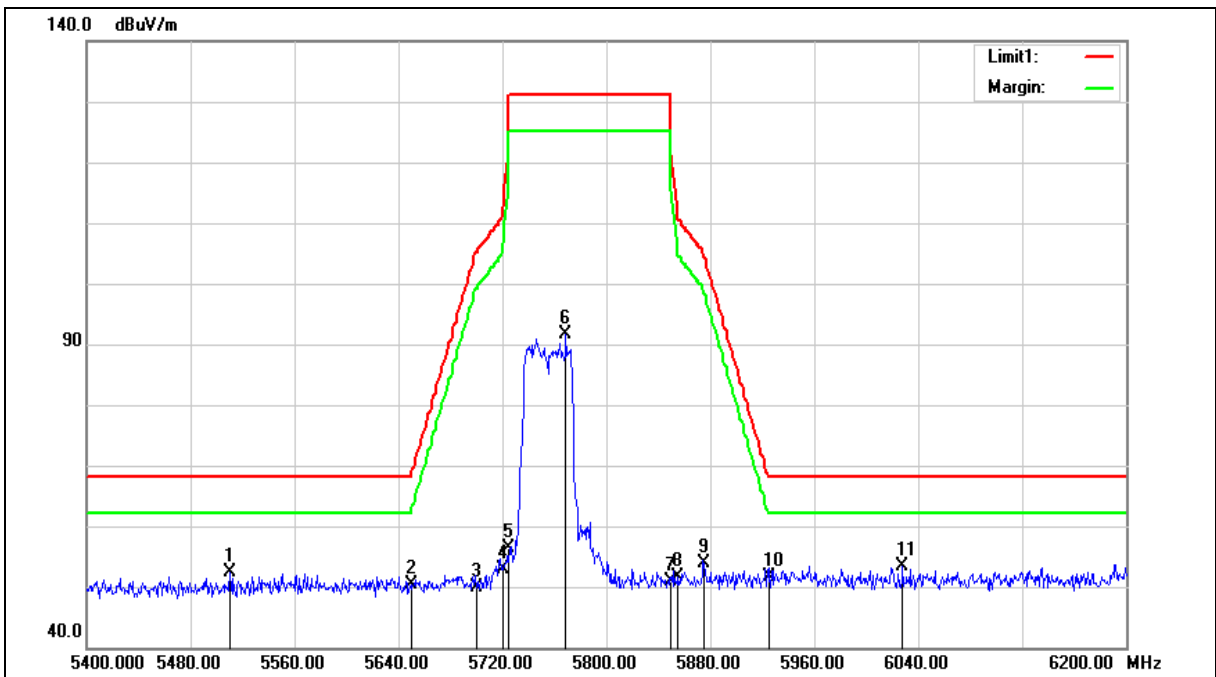
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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:	3m
Test item:	Band edge		
Frequency:	5755MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5755MHz		
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	5510.400	52.03	0.24	52.27	68.20	-15.93	peak
2	5650.000	49.88	0.62	50.50	68.20	-17.70	peak
3	5700.000	49.04	0.75	49.79	105.20	-55.41	peak
4	5720.000	52.10	0.81	52.91	110.80	-57.89	peak
5	5725.000	55.53	0.82	56.35	122.20	-65.85	peak
6	5768.800	90.57	0.94	91.51	--	--	peak
7	5850.000	49.67	1.17	50.84	122.20	-71.36	peak
8	5855.000	50.47	1.18	51.65	110.80	-59.15	peak
9	5875.000	52.65	1.23	53.88	105.20	-51.32	peak
10	5925.000	50.22	1.37	51.59	68.20	-16.61	peak
11	6028.000	51.75	1.66	53.41	68.20	-14.79	peak

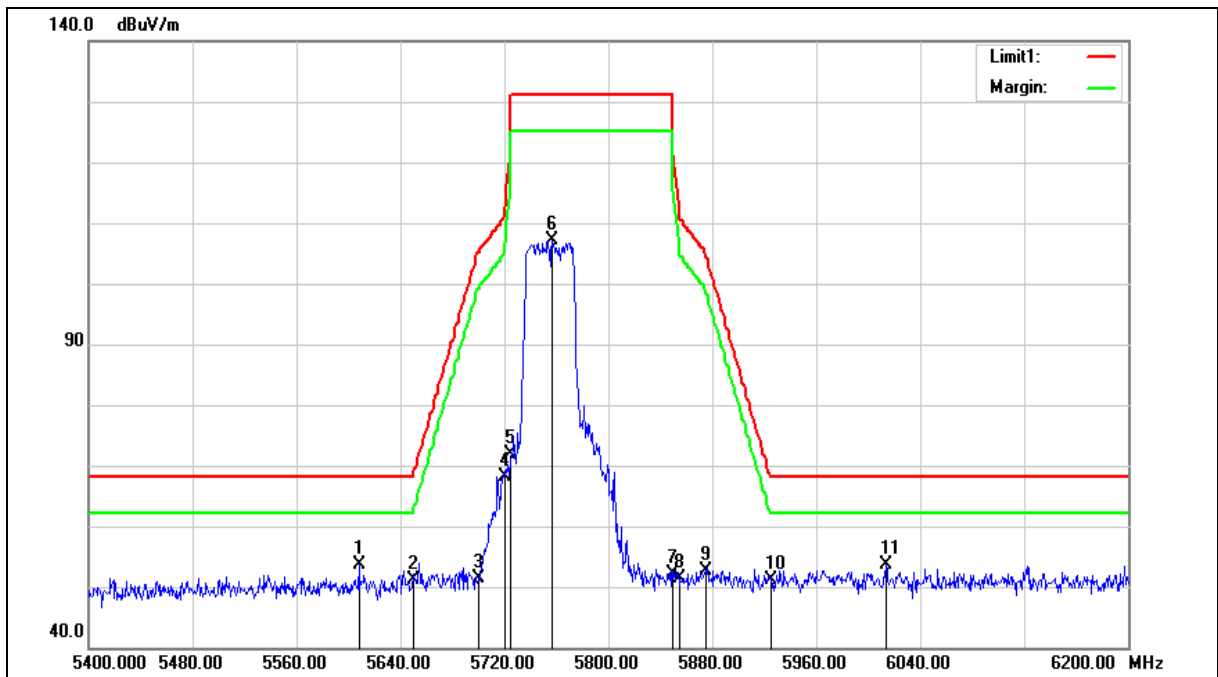
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5755MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5755MHz		
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	5608.000	53.11	0.51	53.62	68.20	-14.58	peak
2	5650.000	50.51	0.62	51.13	68.20	-17.07	peak
3	5700.000	50.70	0.75	51.45	105.20	-53.75	peak
4	5720.000	67.43	0.81	68.24	110.80	-42.56	peak
5	5725.000	71.10	0.82	71.92	122.20	-50.28	peak
6	5756.800	106.18	0.91	107.09	--	--	peak
7	5850.000	50.88	1.17	52.05	122.20	-70.15	peak
8	5855.000	50.24	1.18	51.42	110.80	-59.38	peak
9	5875.000	51.49	1.23	52.72	105.20	-52.48	peak
10	5925.000	49.88	1.37	51.25	68.20	-16.95	peak
11	6013.600	51.89	1.62	53.51	68.20	-14.69	peak

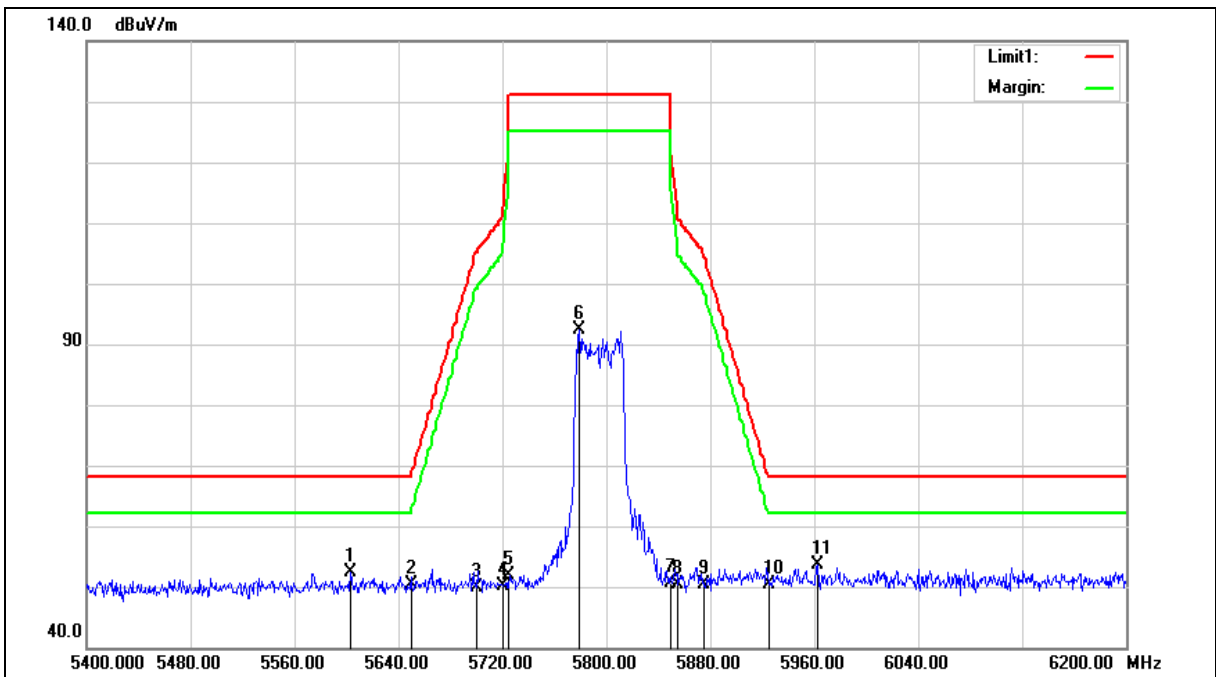
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5795MHz		
Mode:	Mode 4		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5795MHz		
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	5603.200	51.82	0.50	52.32	68.20	-15.88	peak
2	5650.000	49.68	0.62	50.30	68.20	-17.90	peak
3	5700.000	49.02	0.75	49.77	105.20	-55.43	peak
4	5720.000	49.20	0.81	50.01	110.80	-60.79	peak
5	5725.000	50.99	0.82	51.81	122.20	-70.39	peak
6	5779.200	91.32	0.98	92.30	--	--	peak
7	5850.000	49.47	1.17	50.64	122.20	-71.56	peak
8	5855.000	49.11	1.18	50.29	110.80	-60.51	peak
9	5875.000	49.04	1.23	50.27	105.20	-54.93	peak
10	5925.000	48.96	1.37	50.33	68.20	-17.87	peak
11	5962.400	52.27	1.46	53.73	68.20	-14.47	peak

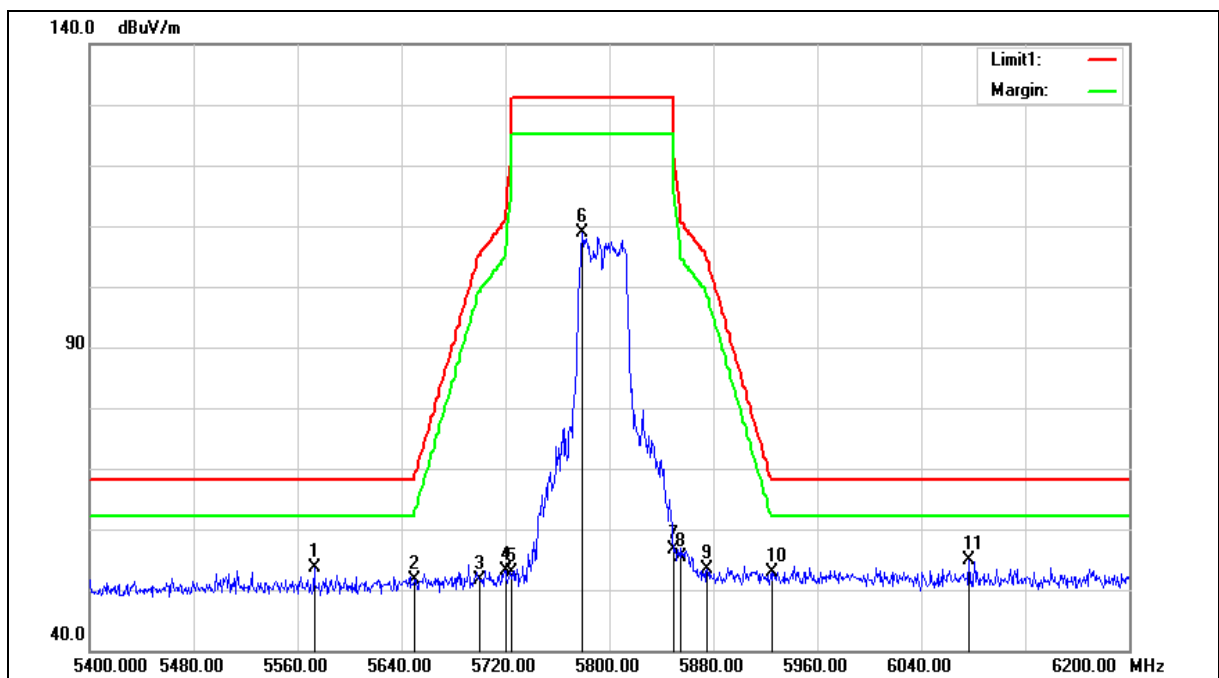
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5795MHz		
Mode:	Mode 4		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5795MHz		
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	5572.800	53.13	0.42	53.55	68.20	-14.65	peak
2	5650.000	50.96	0.62	51.58	68.20	-16.62	peak
3	5700.000	50.94	0.75	51.69	105.20	-53.51	peak
4	5720.000	52.23	0.81	53.04	110.80	-57.76	peak
5	5725.000	51.96	0.82	52.78	122.20	-69.42	peak
6	5779.200	107.78	0.98	108.76	--	--	peak
7	5850.000	55.35	1.17	56.52	122.20	-65.68	peak
8	5855.000	54.30	1.18	55.48	110.80	-55.32	peak
9	5875.000	52.26	1.23	53.49	105.20	-51.71	peak
10	5925.000	51.43	1.37	52.80	68.20	-15.40	peak
11	6076.800	53.07	1.84	54.91	68.20	-13.29	peak

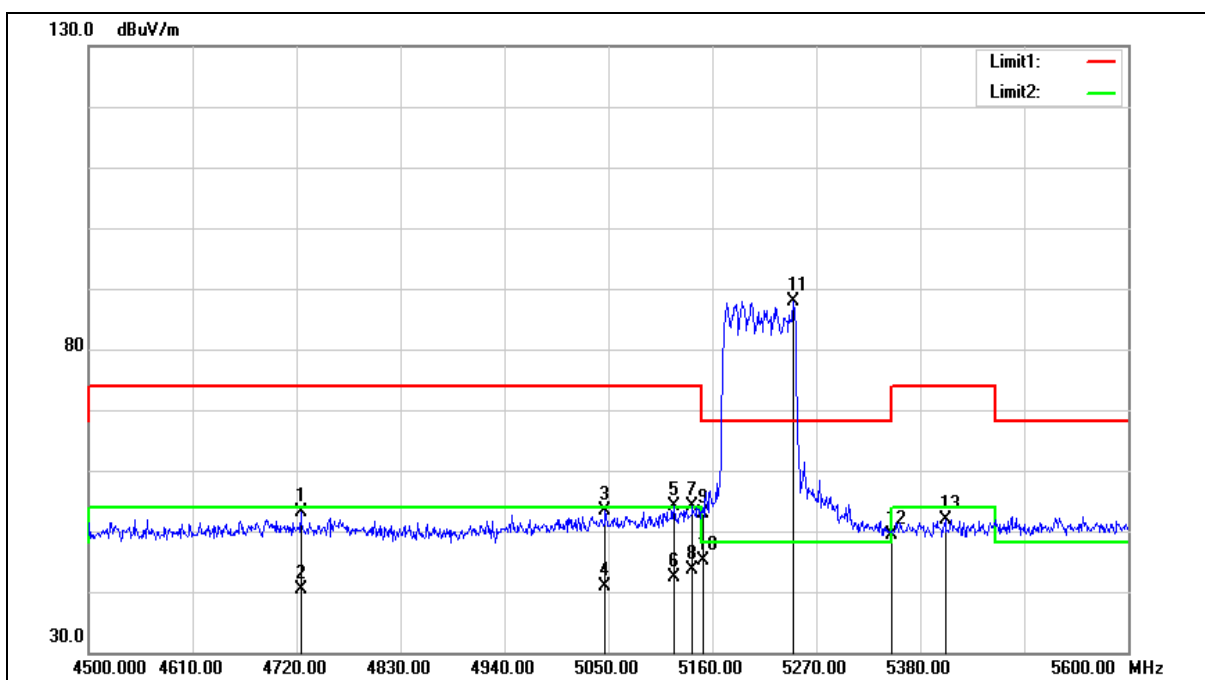
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4724.400	54.66	-1.53	53.13	74.00	-20.87	peak
2	4724.400	41.95	-1.53	40.42	54.00	-13.58	AVG
3	5046.700	53.95	-0.68	53.27	74.00	-20.73	peak
4	5046.700	41.63	-0.68	40.95	54.00	-13.05	AVG
5	5119.300	54.58	-0.53	54.05	74.00	-19.95	peak
6	5119.300	42.89	-0.53	42.36	54.00	-11.64	AVG
7	5139.100	54.68	-0.49	54.19	74.00	-19.81	peak
8	5139.100	44.07	-0.49	43.58	54.00	-10.42	AVG
9	5150.000	53.42	-0.48	52.94	74.00	-21.06	peak
10	5150.000	45.56	-0.48	45.08	54.00	-8.92	AVG
11	5245.800	88.17	-0.28	87.89	--	--	peak
12	5350.000	49.42	-0.08	49.34	74.00	-24.66	peak
13	5406.400	51.95	0.04	51.99	74.00	-22.01	peak

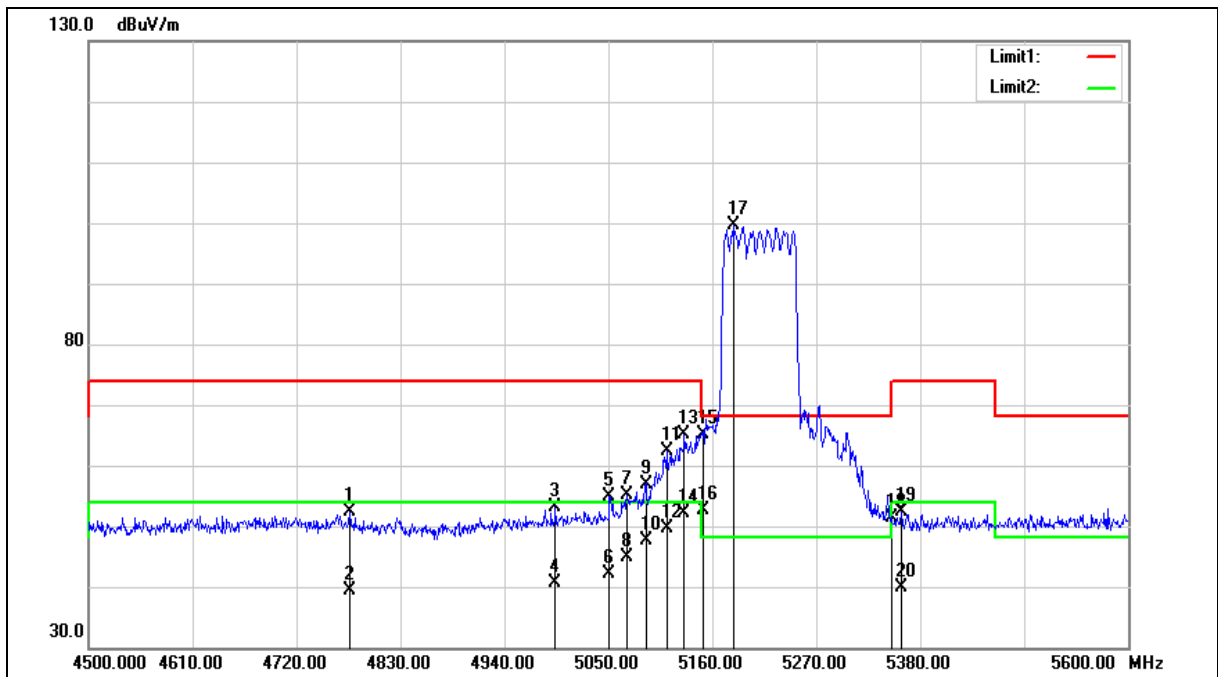
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5210MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4776.100	53.71	-1.39	52.32	74.00	-21.68	peak
2	4776.100	40.66	-1.39	39.27	54.00	-14.73	AVG
3	4993.900	53.84	-0.78	53.06	74.00	-20.94	peak
4	4993.900	41.40	-0.78	40.62	54.00	-13.38	AVG
5	5051.100	55.56	-0.67	54.89	74.00	-19.11	peak
6	5051.100	42.74	-0.67	42.07	54.00	-11.93	AVG
7	5069.800	55.64	-0.63	55.01	74.00	-18.99	peak
8	5069.800	45.61	-0.63	44.98	54.00	-9.02	AVG
9	5089.600	57.60	-0.60	57.00	74.00	-17.00	peak
10	5089.600	48.25	-0.60	47.65	54.00	-6.35	AVG
11	5111.600	62.96	-0.55	62.41	74.00	-11.59	peak
12	5111.600	50.11	-0.55	49.56	54.00	-4.44	AVG
13	5130.300	65.69	-0.52	65.17	74.00	-8.83	peak
14	5130.300	52.66	-0.52	52.14	54.00	-1.86	AVG
15	5150.000	65.57	-0.48	65.09	74.00	-8.91	peak
16	5150.000	53.09	-0.48	52.61	54.00	-1.39	AVG
17	5183.100	99.94	-0.40	99.54	--	--	peak
18	5350.000	51.41	-0.08	51.33	74.00	-22.67	peak
19	5360.200	52.50	-0.06	52.44	74.00	-21.56	peak
20	5360.200	39.90	-0.06	39.84	54.00	-14.16	AVG

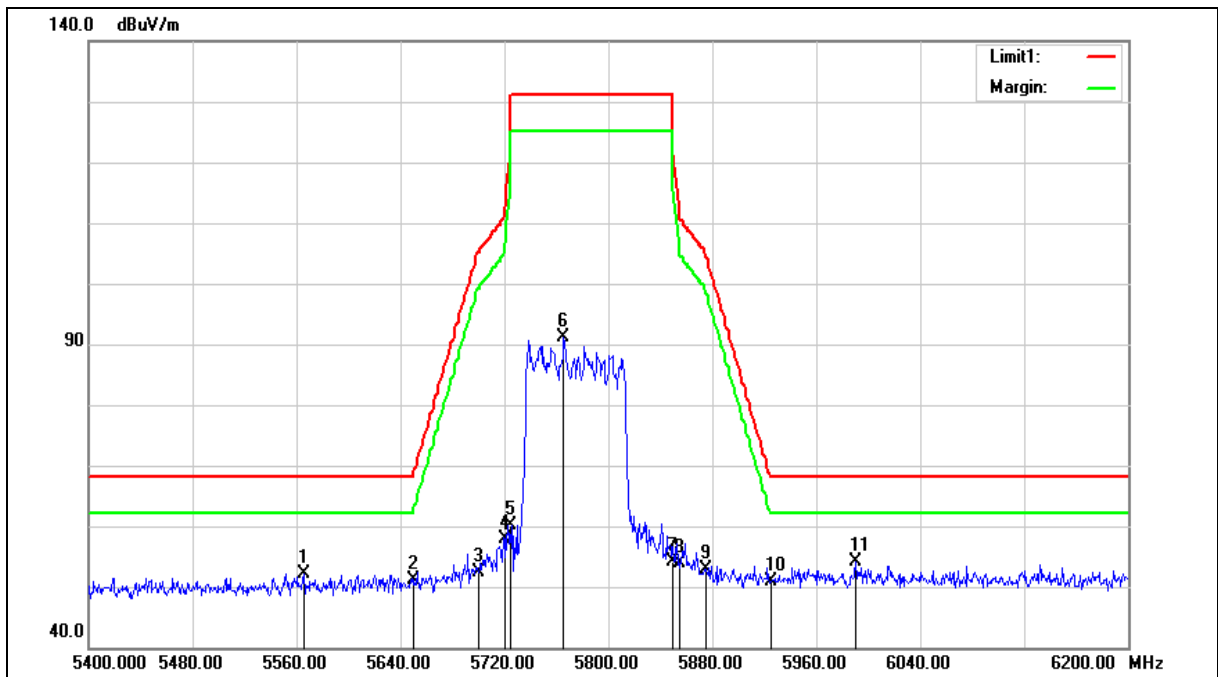
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5775MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5775MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5565.600	51.85	0.39	52.24	68.20	-15.96	peak
2	5650.000	50.48	0.62	51.10	68.20	-17.10	peak
3	5700.000	51.65	0.75	52.40	105.20	-52.80	peak
4	5720.000	56.99	0.81	57.80	110.80	-53.00	peak
5	5725.000	59.28	0.82	60.10	122.20	-62.10	peak
6	5765.600	90.08	0.93	91.01	--	--	peak
7	5850.000	52.99	1.17	54.16	122.20	-68.04	peak
8	5855.000	52.73	1.18	53.91	110.80	-56.89	peak
9	5875.000	51.63	1.23	52.86	105.20	-52.34	peak
10	5925.000	49.53	1.37	50.90	68.20	-17.30	peak
11	5990.400	52.63	1.54	54.17	68.20	-14.03	peak

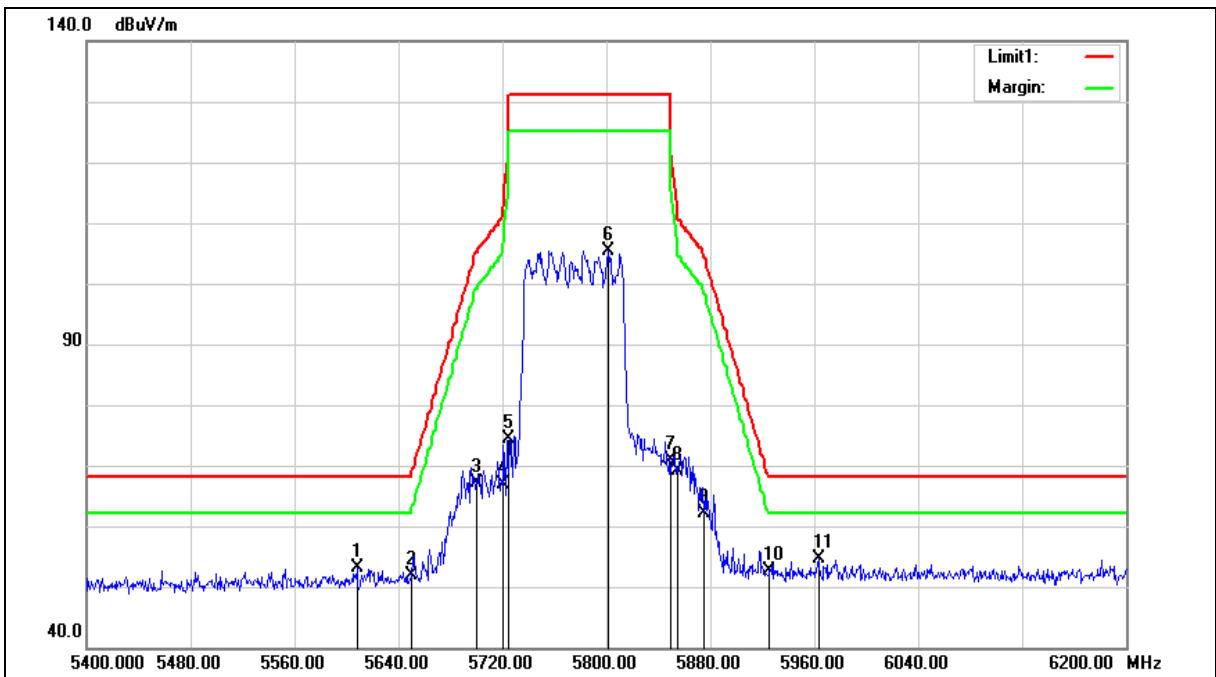
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

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

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



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5775MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge		
Frequency:	5775MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5608.000	52.57	0.51	53.08	68.20	-15.12	peak
2	5650.000	51.31	0.62	51.93	68.20	-16.27	peak
3	5700.000	66.48	0.75	67.23	105.20	-37.97	peak
4	5720.000	66.15	0.81	66.96	110.80	-43.84	peak
5	5725.000	73.57	0.82	74.39	122.20	-47.81	peak
6	5801.600	104.35	1.03	105.38	--	--	peak
7	5850.000	69.59	1.17	70.76	122.20	-51.44	peak
8	5855.000	68.06	1.18	69.24	110.80	-41.56	peak
9	5875.000	61.00	1.23	62.23	105.20	-42.97	peak
10	5925.000	51.32	1.37	52.69	68.20	-15.51	peak
11	5963.200	53.11	1.46	54.57	68.20	-13.63	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.

Annex C. Conducted Test Results

Maximum Conducted Output Power Measurement

Test Mode		Mode 2: IEEE 802.11a Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	6 M	10.18	0.010	≤ 24.00
5200.0		10.07	0.010	≤ 24.00
5220.0		10.02	0.010	≤ 24.00
5240.0		10.12	0.010	≤ 24.00
5745.0		10.08	0.010	≤ 30.00
5765.0		10.02	0.010	≤ 30.00
5785.0		10.06	0.010	≤ 30.00
5805.0		9.99	0.010	≤ 30.00
5825.0		10.03	0.010	≤ 30.00

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	14.4 M	10.04	0.010	≤ 24.00
5200.0		10.17	0.010	≤ 24.00
5220.0		10.05	0.010	≤ 24.00
5240.0		9.92	0.010	≤ 24.00
5745.0		10.13	0.010	≤ 29.49
5765.0		9.79	0.010	≤ 29.49
5785.0		9.86	0.010	≤ 29.49
5805.0		9.68	0.009	≤ 29.49
5825.0		10.26	0.011	≤ 29.49
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	14.4 M	14.54	0.028	≤ 24.00
5200.0		14.34	0.027	≤ 24.00
5220.0		14.28	0.027	≤ 24.00
5240.0		14.23	0.026	≤ 24.00
5745.0		9.47	0.009	≤ 29.49
5765.0		9.23	0.008	≤ 29.49
5785.0		9.34	0.009	≤ 29.49
5805.0		9.26	0.008	≤ 29.49
5825.0		9.28	0.008	≤ 29.49
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	14.4 M	15.86	0.039	≤ 24.00
5200.0		15.75	0.038	≤ 24.00
5220.0		15.67	0.037	≤ 24.00
5240.0		15.60	0.036	≤ 24.00
5745.0		12.82	0.019	≤ 29.49
5765.0		12.53	0.018	≤ 29.49
5785.0		12.62	0.018	≤ 29.49
5805.0		12.49	0.018	≤ 29.49
5825.0		12.81	0.019	≤ 29.49

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5190.0	30 M	10.27	0.011	≤ 24.00
5230.0		10.09	0.010	≤ 24.00
5755.0		10.07	0.010	≤ 29.49
5795.0		10.01	0.010	≤ 29.49
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5190.0	30 M	14.31	0.027	≤ 24.00
5230.0		14.62	0.029	≤ 24.00
5755.0		9.48	0.009	≤ 29.49
5795.0		9.37	0.009	≤ 29.49
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5190.0	30 M	15.75	0.038	≤ 24.00
5230.0		15.93	0.039	≤ 24.00
5755.0		12.80	0.019	≤ 29.49
5795.0		12.71	0.019	≤ 29.49

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	10.31	0.011	≤ 24.00
5775.0		10.47	0.011	≤ 29.49
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	13.91	0.025	≤ 24.00
5775.0		9.88	0.010	≤ 29.49
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	15.48	0.035	≤ 24.00
5775.0		13.20	0.021	≤ 29.49

Note: The relevant measured result has the offset with cable loss already.

Beamforming on

Test Mode		Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5180.0	14.4 M	6.63	0.005	≤ 24.00
5200.0		6.79	0.005	≤ 24.00
5220.0		6.71	0.005	≤ 24.00
5240.0		6.78	0.005	≤ 24.00
5745.0		6.88	0.005	≤ 29.49
5765.0		6.65	0.005	≤ 29.49
5785.0		6.78	0.005	≤ 29.49
5805.0		6.59	0.005	≤ 29.49
5825.0		6.88	0.005	≤ 29.49
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5180.0	14.4 M	11.06	0.013	≤ 24.00
5200.0		10.96	0.012	≤ 24.00
5220.0		10.92	0.012	≤ 24.00
5240.0		10.88	0.012	≤ 24.00
5745.0		6.12	0.004	≤ 29.49
5765.0		5.99	0.004	≤ 29.49
5785.0		6.19	0.004	≤ 29.49
5805.0		6.11	0.004	≤ 29.49
5825.0		6.01	0.004	≤ 29.49
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5180.0	14.4 M M	12.40	0.017	≤ 24.00
5200.0		12.37	0.017	≤ 24.00
5220.0		12.32	0.017	≤ 24.00
5240.0		12.31	0.017	≤ 24.00
5745.0		9.53	0.009	≤ 29.49
5765.0		9.34	0.009	≤ 29.49
5785.0		9.51	0.009	≤ 29.49
5805.0		9.37	0.009	≤ 29.49
5825.0		9.48	0.009	≤ 29.49

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5190.0	30 M	6.57	0.005	≤ 24.00
5230.0		6.63	0.005	≤ 24.00
5755.0		6.49	0.004	≤ 29.49
5795.0		6.79	0.005	≤ 29.49
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5190.0	30 M	10.95	0.012	≤ 24.00
5230.0		11.07	0.013	≤ 24.00
5755.0		6.23	0.004	≤ 29.49
5795.0		6.09	0.004	≤ 29.49
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5190.0	30 M	12.30	0.017	≤ 24.00
5230.0		12.40	0.017	≤ 24.00
5755.0		9.37	0.009	≤ 29.49
5795.0		9.46	0.009	≤ 29.49

Note: The relevant measured result has the offset with cable loss already.

Test Mode		Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode		
Frequency (MHz)	Data Rate	ANT-0		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	6.88	0.005	≤ 24.00
5775.0		7.08	0.005	≤ 29.49
Frequency (MHz)	Data Rate	ANT-1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	10.46	0.011	≤ 24.00
5775.0		6.66	0.005	≤ 29.49
Frequency (MHz)	Data Rate	ANT-0+1		Limit (dBm)
		(dBm)	(W)	
5210.0	58.6 M	12.04	0.016	≤ 24.00
5775.0		9.89	0.010	≤ 29.49

Note: The relevant measured result has the offset with cable loss already.

26 dB RF Bandwidth Measurement & 99 % Occupied Bandwidth Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Frequency (MHz)	26 dB Bandwidth (MHz)		99 % Occupied Bandwidth (MHz)	
	ANT-0	ANT-1	ANT-0	ANT-1
5180.0	22.150	---	17.232	---
5200.0	21.740	---	17.238	---
5240.0	21.940	---	17.111	---

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Frequency (MHz)	26 dB Bandwidth (MHz)		99 % Occupied Bandwidth (MHz)	
	ANT-0	ANT-1	ANT-0	ANT-1
5180.0	22.330	21.950	18.133	18.097
5200.0	22.160	21.450	18.179	18.119
5240.0	22.290	21.760	18.090	18.078

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Frequency (MHz)	26 dB Bandwidth (MHz)		99 % Occupied Bandwidth (MHz)	
	ANT-0	ANT-1	ANT-0	ANT-1
5190.0	43.180	46.930	36.959	36.860
5230.0	43.580	43.830	36.893	36.766

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Frequency (MHz)	26 dB Bandwidth (MHz)		99 % Occupied Bandwidth (MHz)	
	ANT-0	ANT-1	ANT-0	ANT-1
5210.0	82.970	83.170	75.994	75.903

Note: The 99 % occupied bandwidth not crossed 5250 MHz.

Beamforming on

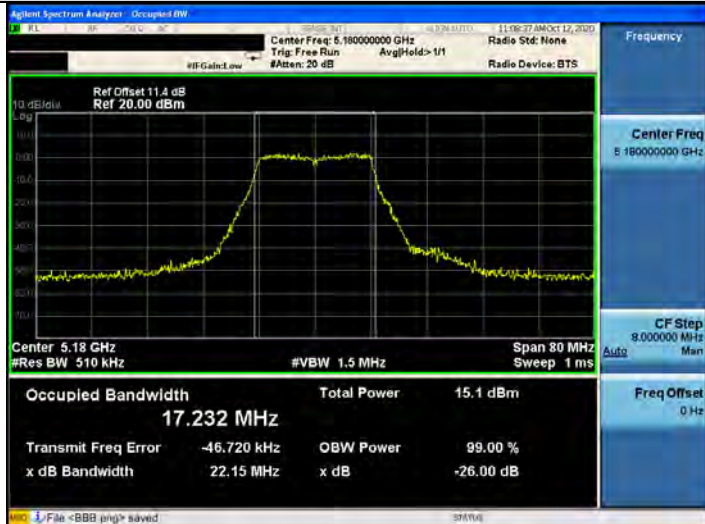
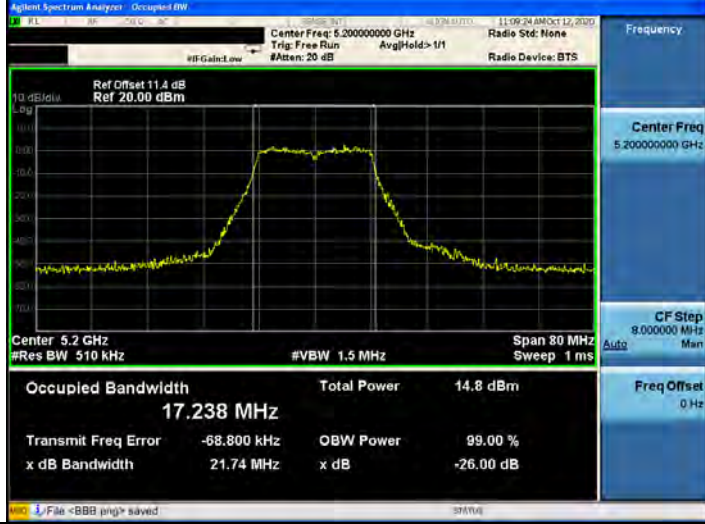
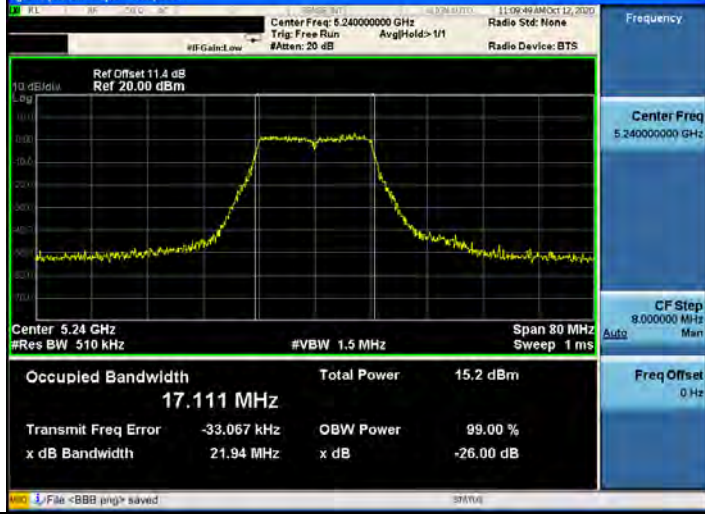
Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Frequency (MHz)	26 dB Bandwidth (MHz)		99 % Occupied Bandwidth (MHz)	
	ANT-0	ANT-1	ANT-0	ANT-1
5180.0	22.420	21.550	18.163	18.024
5200.0	22.110	21.540	18.214	18.019
5240.0	22.030	21.390	18.134	17.999

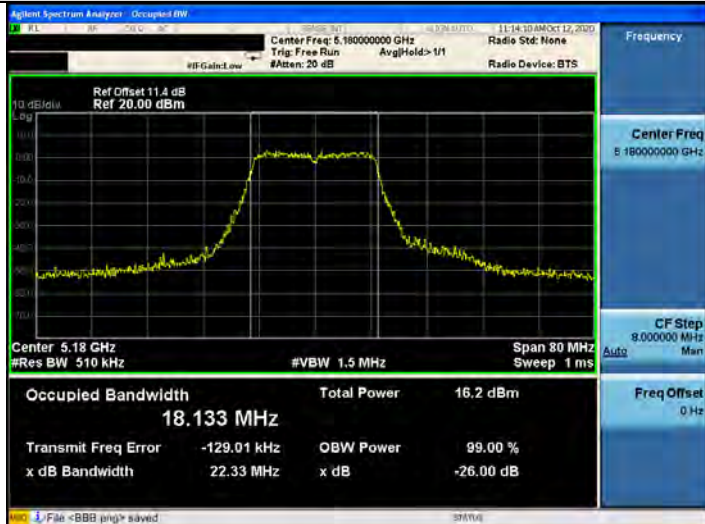
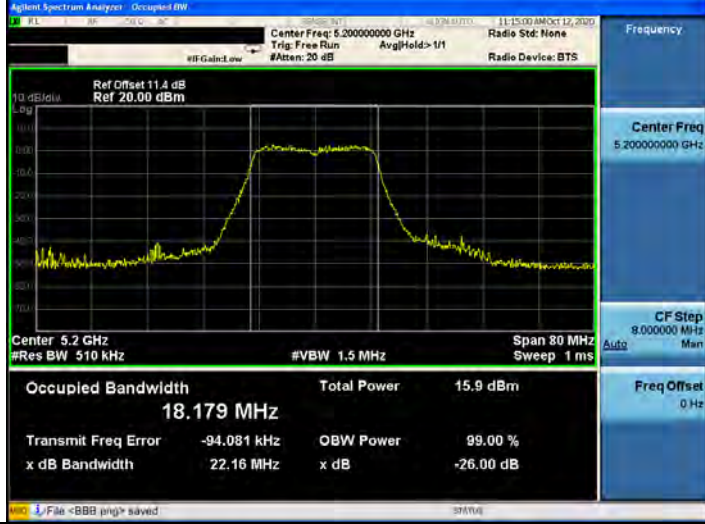
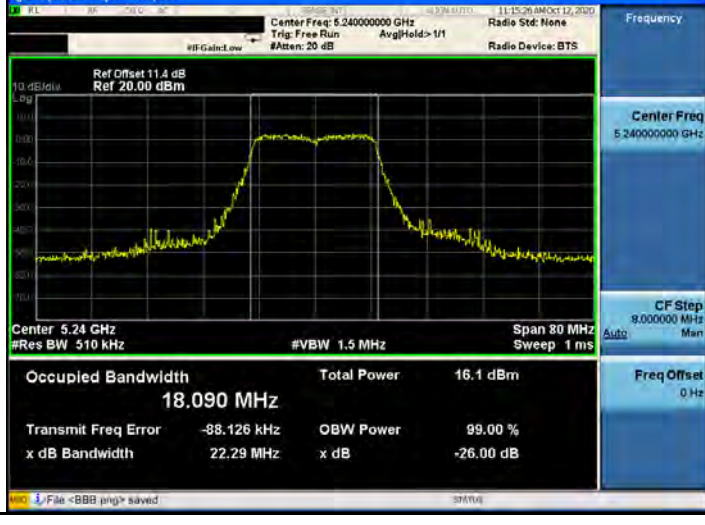
Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Frequency (MHz)	26 dB Bandwidth (MHz)		99 % Occupied Bandwidth (MHz)	
	ANT-0	ANT-1	ANT-0	ANT-1
5190.0	43.510	43.110	36.640	36.809
5230.0	43.900	43.820	36.824	36.766

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Frequency (MHz)	26 dB Bandwidth (MHz)		99 % Occupied Bandwidth (MHz)	
	ANT-0	ANT-1	ANT-0	ANT-1
5210.0	83.060	81.230	75.897	75.710

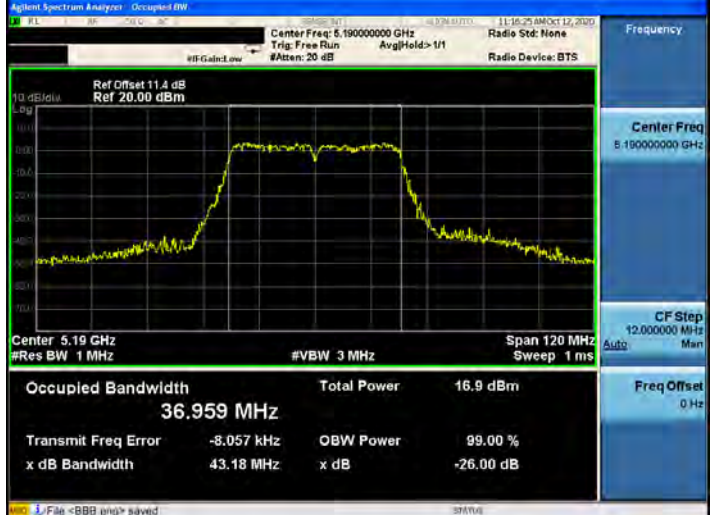
Note: The 99 % occupied bandwidth not crossed 5250 MHz.

■ Test Graphs

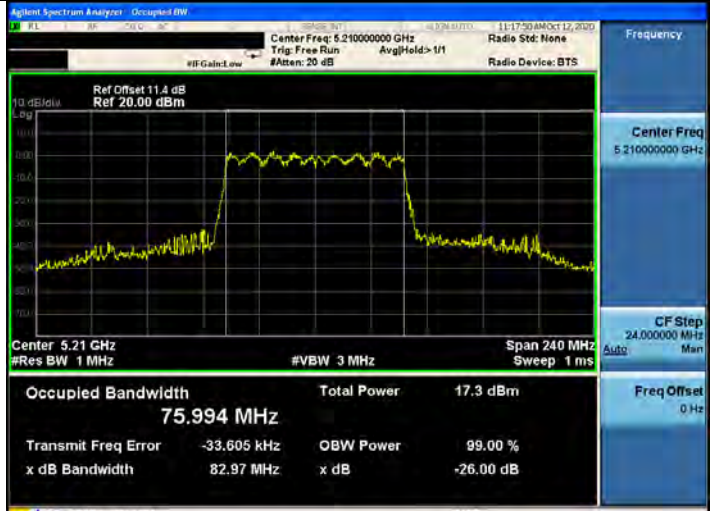
Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5180 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.180000000 GHz Trig: Free Run #Atten: 20 dB Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.232 MHz Total Power 15.1 dBm Transmit Freq Error -46.720 kHz OBW Power 99.00 % x dB Bandwidth 22.15 MHz x dB -26.00 dB File <BBB.png> saved
5200 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.200000000 GHz Trig: Free Run #Atten: 20 dB Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.238 MHz Total Power 14.8 dBm Transmit Freq Error -68.800 kHz OBW Power 99.00 % x dB Bandwidth 21.74 MHz x dB -26.00 dB File <BBB.png> saved
5240 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.240000000 GHz Trig: Free Run #Atten: 20 dB Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 17.111 MHz Total Power 15.2 dBm Transmit Freq Error -33.067 kHz OBW Power 99.00 % x dB Bandwidth 21.94 MHz x dB -26.00 dB File <BBB.png> saved

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0		
5180 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.180000000 GHz Trig: Free Run #Atten: 20 dB Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth: 18.133 MHz Total Power: 16.2 dBm Transmit Freq Error: -129.01 kHz OBW Power: 99.00 % x dB Bandwidth: 22.33 MHz x dB: -26.00 dB File <BBB.png> saved
5200 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.200000000 GHz Trig: Free Run #Atten: 20 dB Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth: 18.179 MHz Total Power: 15.9 dBm Transmit Freq Error: -94.081 kHz OBW Power: 99.00 % x dB Bandwidth: 22.16 MHz x dB: -26.00 dB File <BBB.png> saved
5240 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.240000000 GHz Trig: Free Run #Atten: 20 dB Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth: 18.090 MHz Total Power: 16.1 dBm Transmit Freq Error: -88.126 kHz OBW Power: 99.00 % x dB Bandwidth: 22.29 MHz x dB: -26.00 dB File <BBB.png> saved

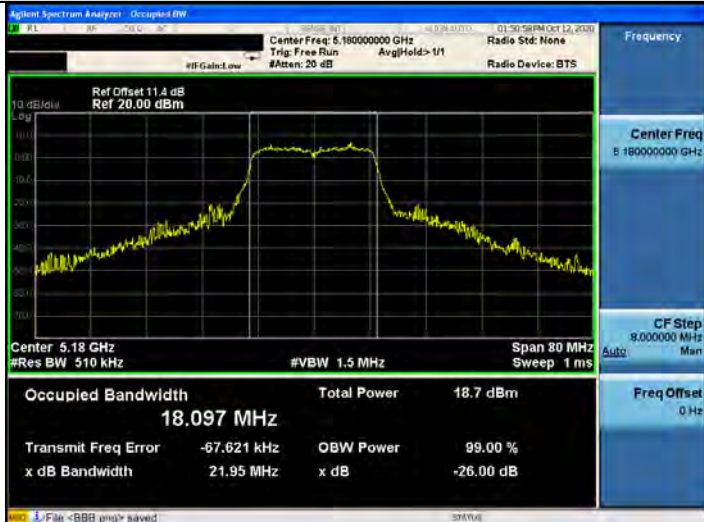
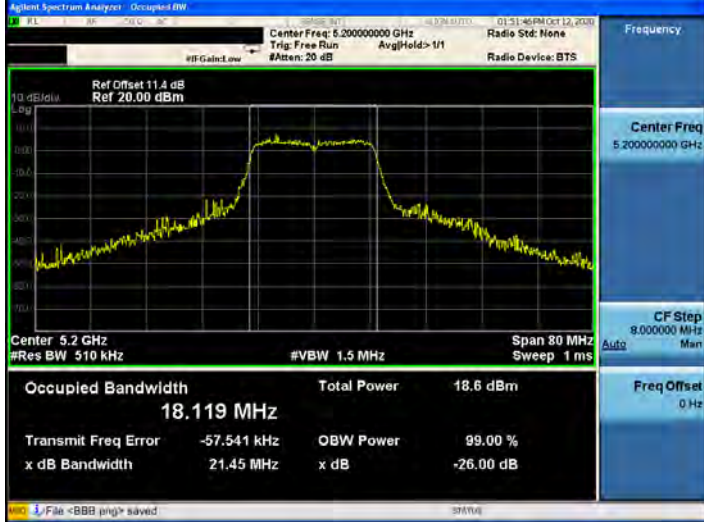
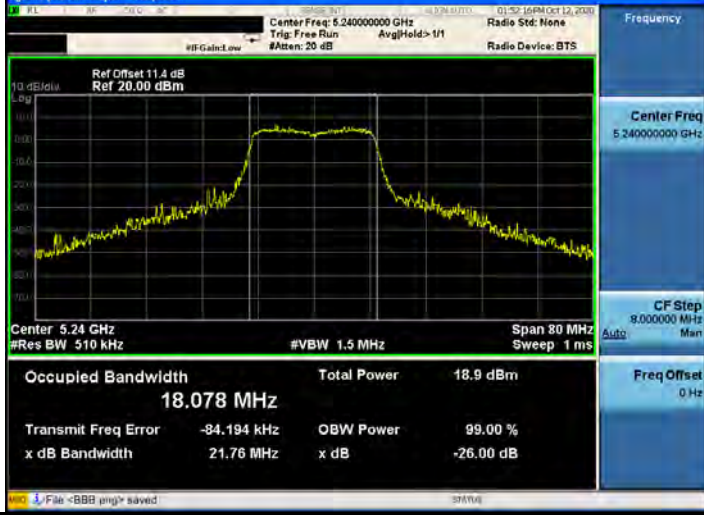
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0

5190 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.19000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.19 GHz #Res BW 1 MHz #VBW 3 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth: 36.959 MHz Total Power: 16.9 dBm Transmit Freq Error: -8.057 kHz OBW Power: 99.00 % x dB Bandwidth: 43.18 MHz x dB: -26.00 dB File <BBB.png> saved
5230 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.23000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.23 GHz #Res BW 1 MHz #VBW 3 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth: 36.893 MHz Total Power: 17.3 dBm Transmit Freq Error: -10.359 kHz OBW Power: 99.00 % x dB Bandwidth: 43.58 MHz x dB: -26.00 dB File <BBB.png> saved

Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-0

5210 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.21000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.21 GHz #Res BW 1 MHz #VBW 3 MHz Span 240 MHz Sweep 1 ms Occupied Bandwidth: 75.994 MHz Total Power: 17.3 dBm Transmit Freq Error: -33.605 kHz OBW Power: 99.00 % x dB Bandwidth: 82.97 MHz x dB: -26.00 dB File <BBB.png> saved
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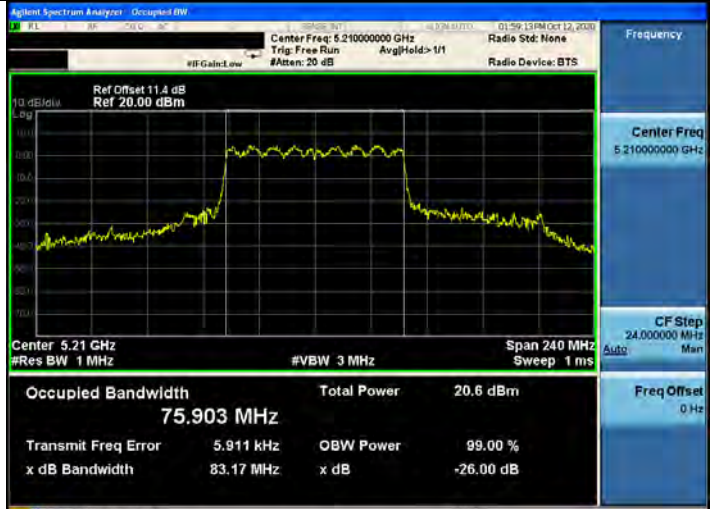


Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-1		
5180 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.180000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.097 MHz Total Power 18.7 dBm Transmit Freq Error -67.621 kHz OBW Power 99.00 % x dB Bandwidth 21.95 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 5.180000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5200 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.200000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.119 MHz Total Power 18.6 dBm Transmit Freq Error -57.541 kHz OBW Power 99.00 % x dB Bandwidth 21.45 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 5.200000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz
5240 MHz		 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.240000000 GHz Trig: Free Run #Att: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 510 kHz #VBW 1.5 MHz Span 80 MHz Sweep 1 ms Occupied Bandwidth 18.078 MHz Total Power 18.9 dBm Transmit Freq Error -84.194 kHz OBW Power 99.00 % x dB Bandwidth 21.76 MHz x dB -26.00 dB File <BBB.png> saved Frequency Center Freq 5.240000000 GHz CF Step 9.000000 MHz Auto Man Freq Offset 0 Hz

Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1

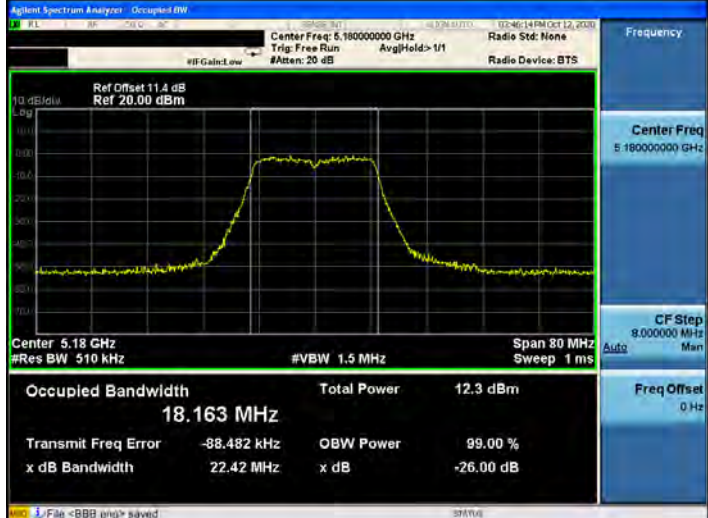
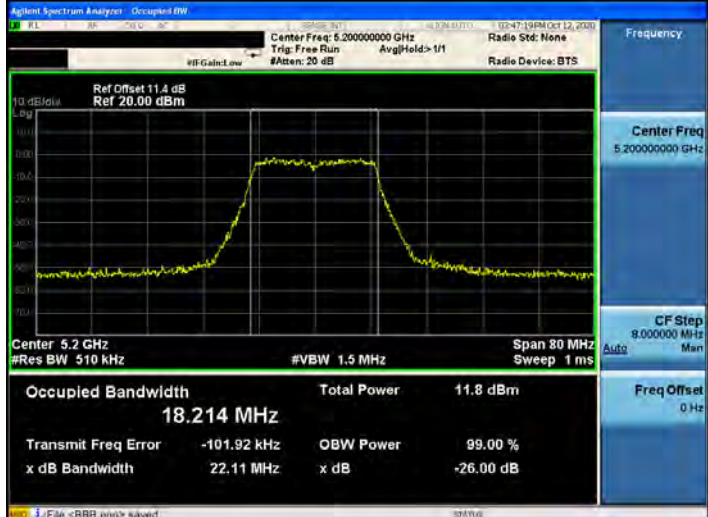
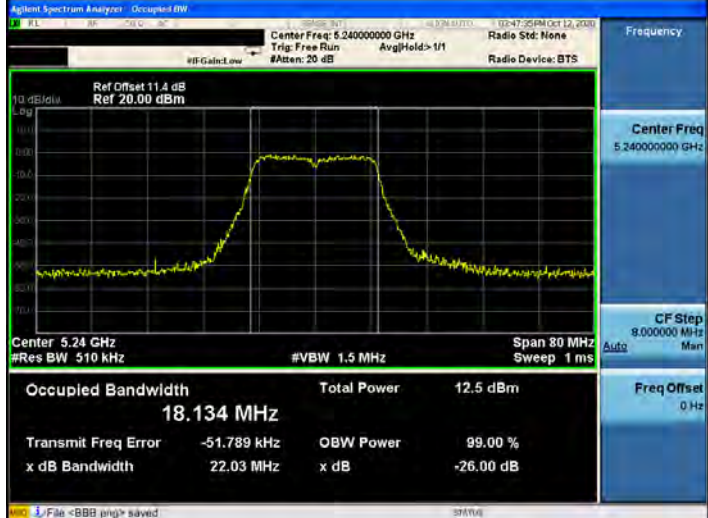
5190 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.190000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.19 GHz #Res BW 1 MHz #VBW 3 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth 36.860 MHz Total Power 19.5 dBm Transmit Freq Error 120.20 kHz OBW Power 99.00 % x dB Bandwidth 46.93 MHz x dB -26.00 dB File <BBB.png> saved
5230 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.230000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.23 GHz #Res BW 1 MHz #VBW 3 MHz Span 120 MHz Sweep 1 ms Occupied Bandwidth 36.766 MHz Total Power 20.1 dBm Transmit Freq Error -87.397 kHz OBW Power 99.00 % x dB Bandwidth 43.83 MHz x dB -26.00 dB File <BBB.png> saved

Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-1

5210 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.210000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.21 GHz #Res BW 1 MHz #VBW 3 MHz Span 240 MHz Sweep 1 ms Occupied Bandwidth 75.903 MHz Total Power 20.6 dBm Transmit Freq Error 5.911 kHz OBW Power 99.00 % x dB Bandwidth 83.17 MHz x dB -26.00 dB File <BBB.png> saved
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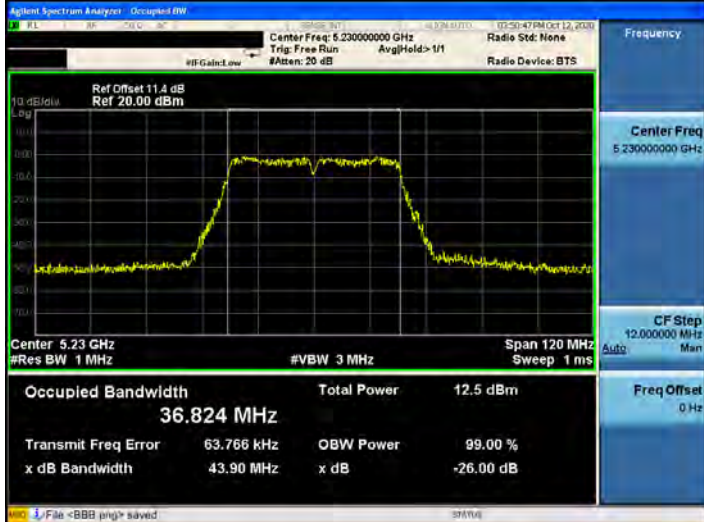
Beamforming on

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-0

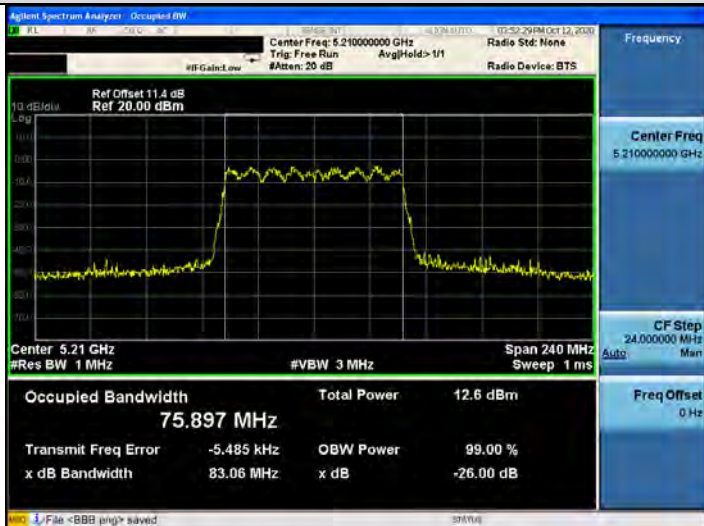
5180 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.18000000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center: 5.18 GHz #Res BW: 510 kHz #VBW: 1.5 MHz Span: 80 MHz Sweep: 1 ms Occupied Bandwidth: 18.163 MHz Total Power: 12.3 dBm Transmit Freq Error: -88.482 kHz OBW Power: 99.00 % x dB Bandwidth: 22.42 MHz x dB: -26.00 dB File <BBB.png> saved
5200 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.20000000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center: 5.2 GHz #Res BW: 510 kHz #VBW: 1.5 MHz Span: 80 MHz Sweep: 1 ms Occupied Bandwidth: 18.214 MHz Total Power: 11.8 dBm Transmit Freq Error: -101.92 kHz OBW Power: 99.00 % x dB Bandwidth: 22.11 MHz x dB: -26.00 dB File <BBB.png> saved
5240 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.24000000 GHz Trig: Free Run #Atten: 20 dB Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center: 5.24 GHz #Res BW: 510 kHz #VBW: 1.5 MHz Span: 80 MHz Sweep: 1 ms Occupied Bandwidth: 18.134 MHz Total Power: 12.5 dBm Transmit Freq Error: -51.789 kHz OBW Power: 99.00 % x dB Bandwidth: 22.03 MHz x dB: -26.00 dB File <BBB.png> saved



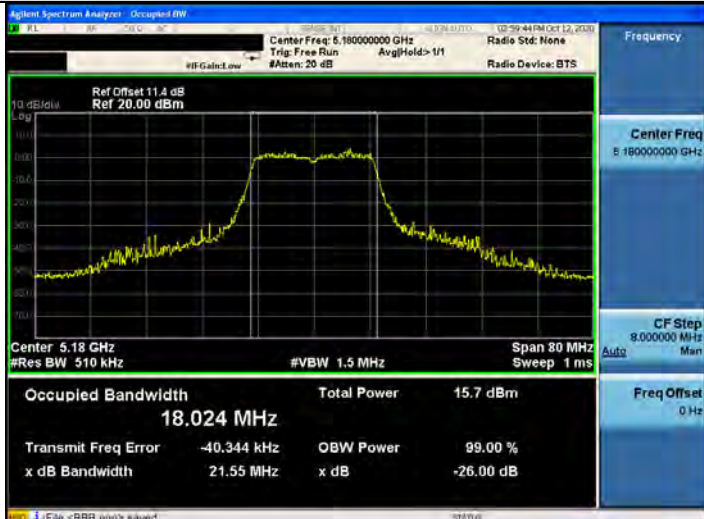
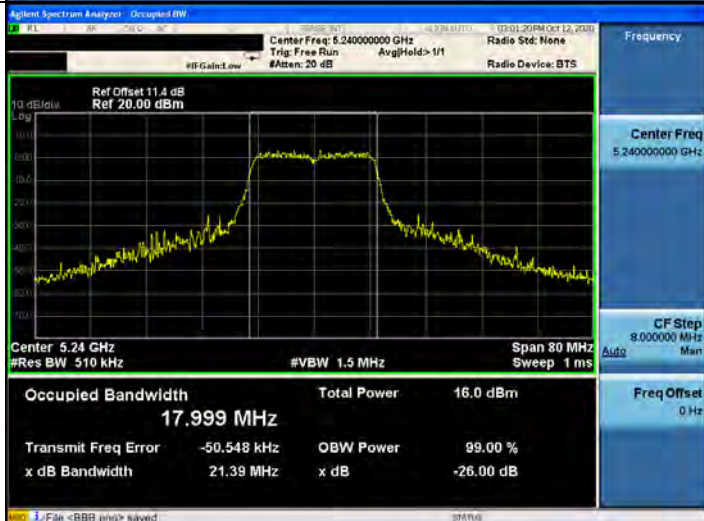
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0

5190 MHz	
5230 MHz	

Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-0

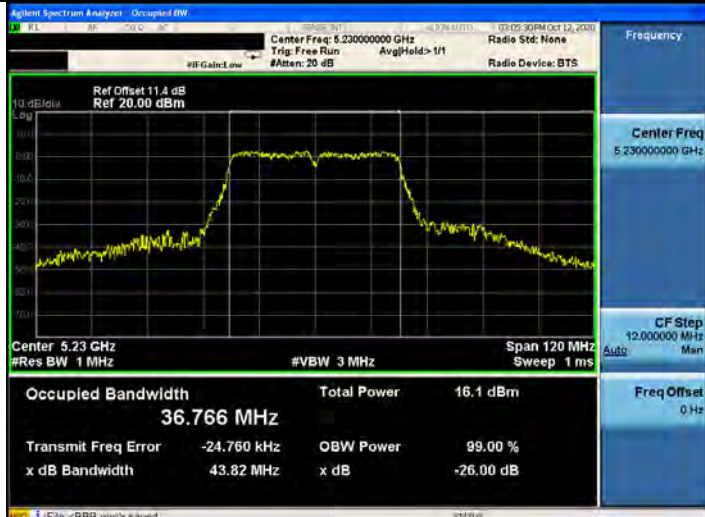
5210 MHz	
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Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ ANT-1		
5180 MHz		Frequency Center Freq 5.18000000 GHz CF Step 8.000000 MHz Man Freq Offset 0 Hz
5200 MHz		Frequency Center Freq 5.20000000 GHz CF Step 8.000000 MHz Man Freq Offset 0 Hz
5240 MHz		Frequency Center Freq 5.24000000 GHz CF Step 8.000000 MHz Man Freq Offset 0 Hz



Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1

5190 MHz	
5230 MHz	

Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ ANT-1

5210 MHz	
----------	--

6 dB RF Bandwidth Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode	
Frequency (MHz)	ANT-0 (kHz)	Limit (kHz)
5745.0	16350	≥ 500
5785.0	16400	≥ 500
5825.0	16400	≥ 500

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5745.0	17260	17100	≥ 500
5785.0	16860	17220	≥ 500
5825.0	16960	17050	≥ 500

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5755.0	36250	35820	≥ 500
5795.0	36420	36070	≥ 500

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5775.0	75490	75320	≥ 500

Beamforming on

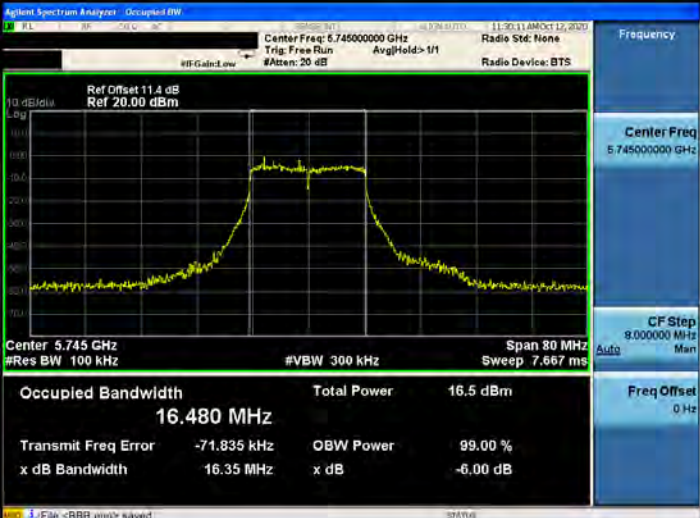
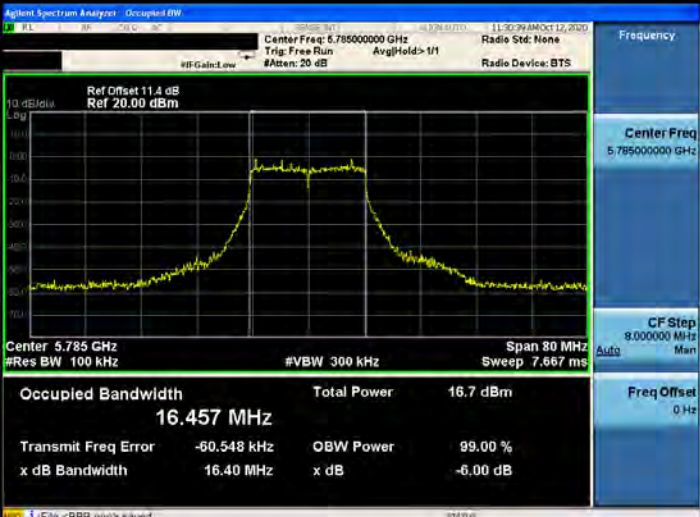
Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5745.0	16930	17080	≥ 500
5785.0	17290	16730	≥ 500
5825.0	17070	17140	≥ 500

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5755.0	35980	35580	≥ 500
5795.0	35820	36220	≥ 500

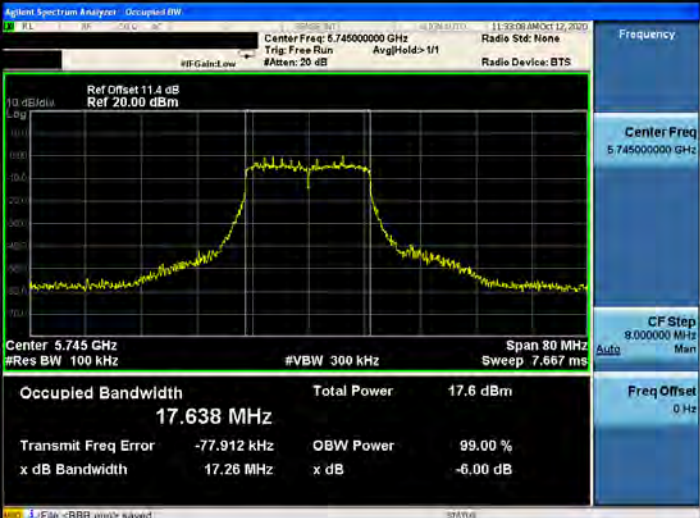
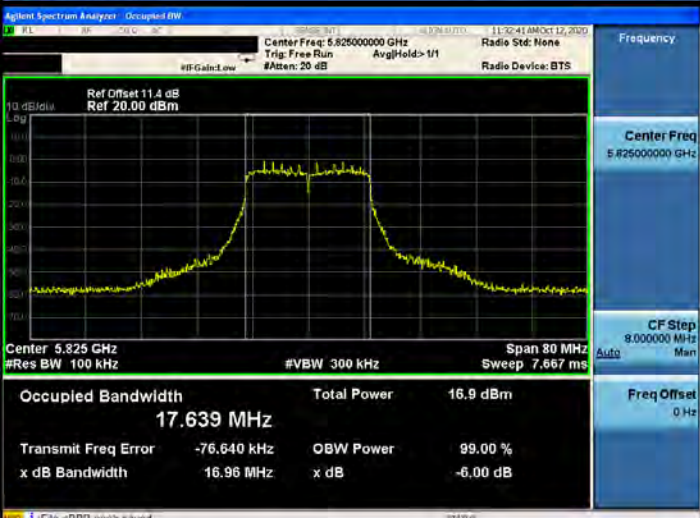
Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode		
Frequency (MHz)	ANT-0 (kHz)	ANT-1 (kHz)	Limit (kHz)
5775.0	75420	75510	≥ 500



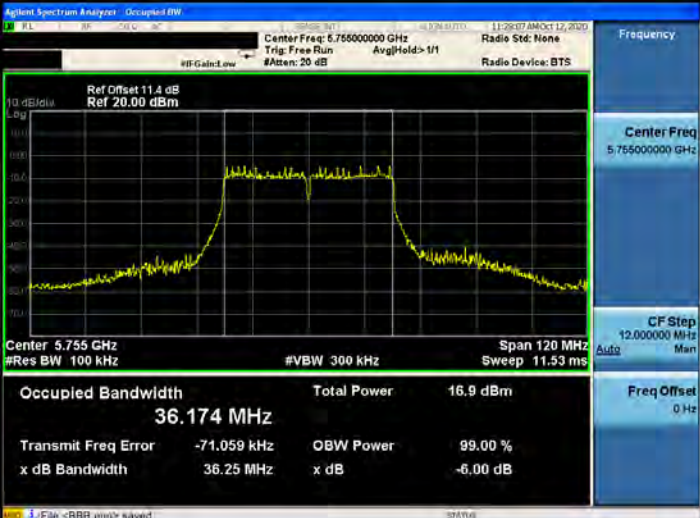
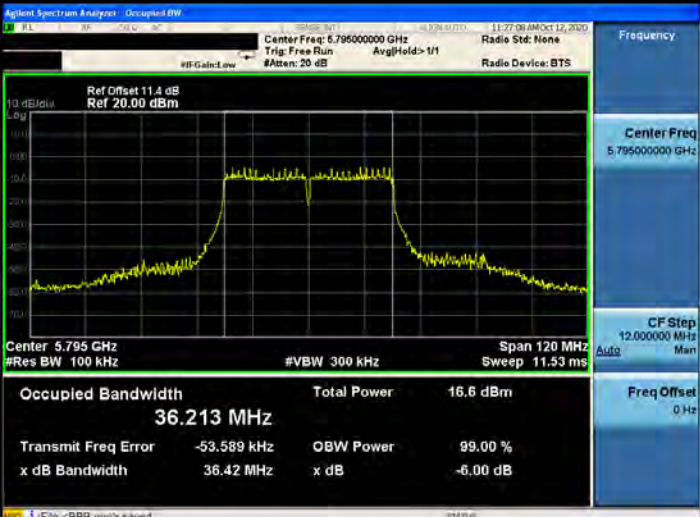
■ Test Graphs

Mode 2: IEEE 802.11a Continuous TX mode_ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

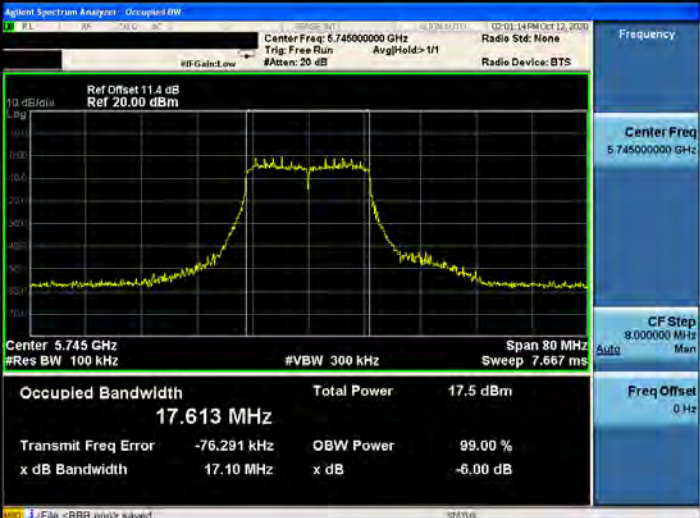
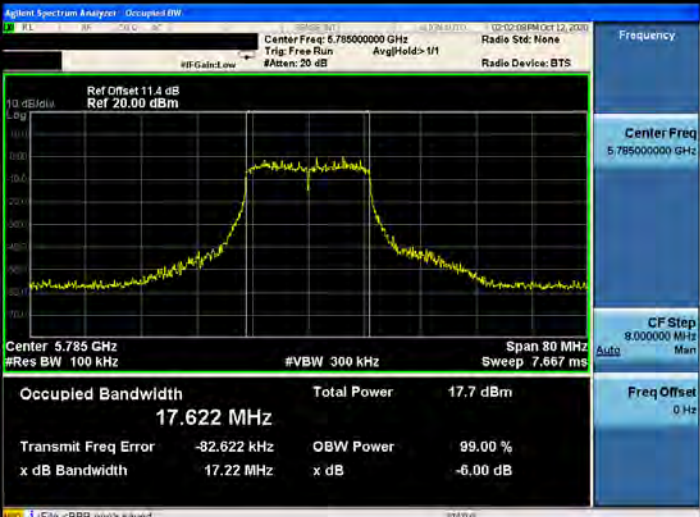


Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0		
5745 MHz		
5785 MHz		
5825 MHz		

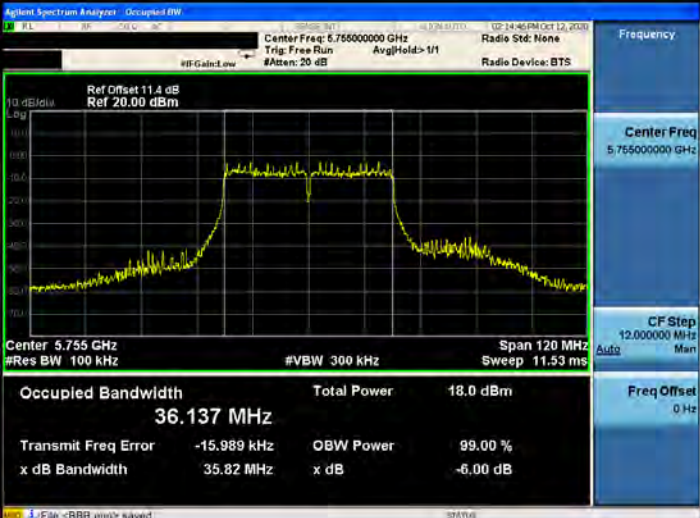
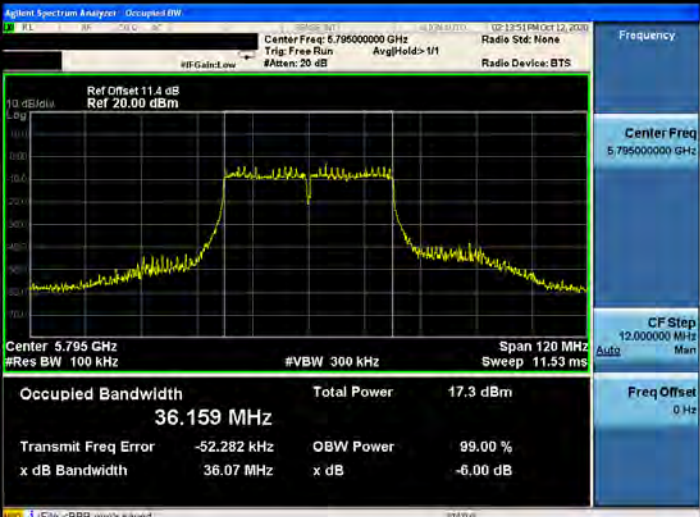
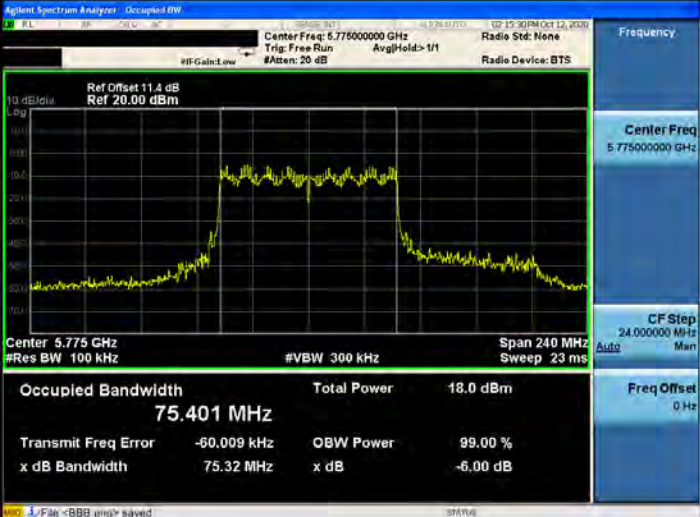


Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0		
5755 MHz		
5795 MHz		
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-0		
5775 MHz		



Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1		
5745 MHz		
5785 MHz		
5825 MHz		

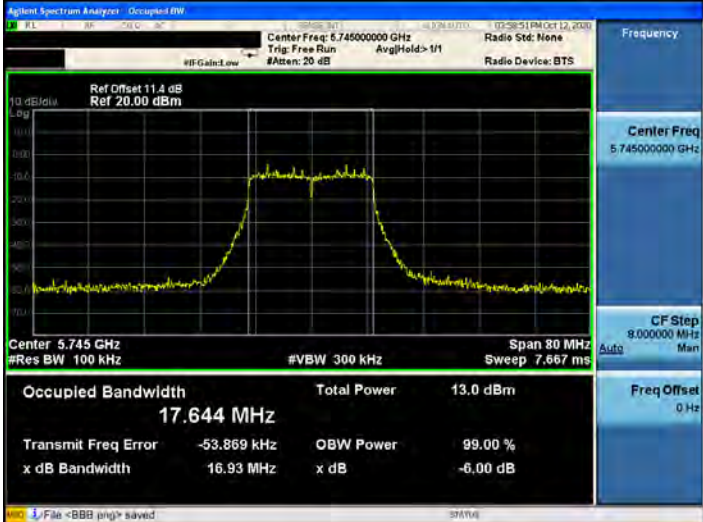
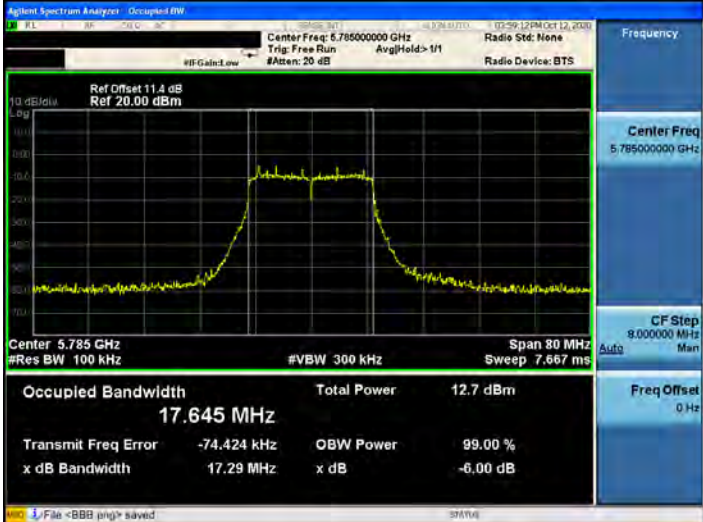
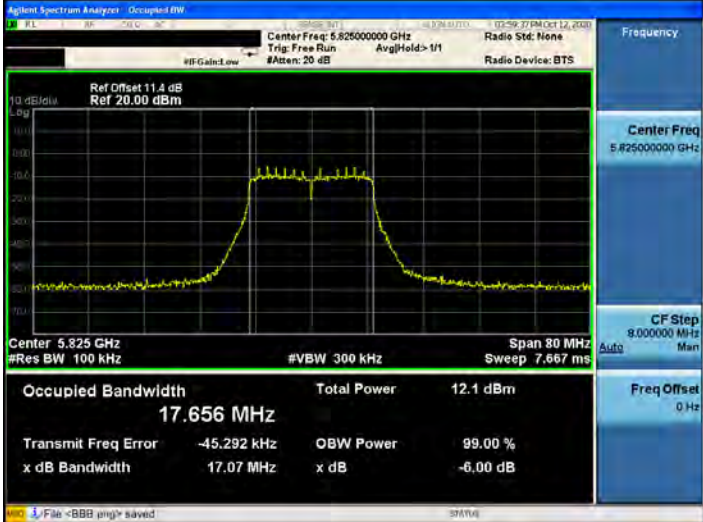


Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-1		
5755 MHz		
5795 MHz		
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-1		
5775 MHz		



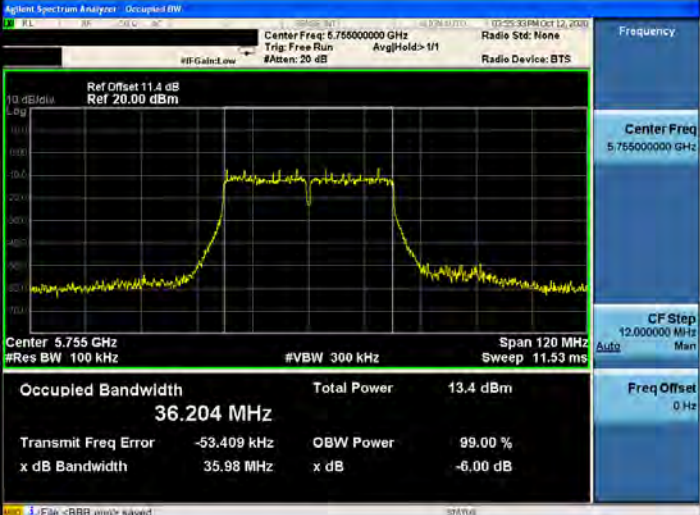
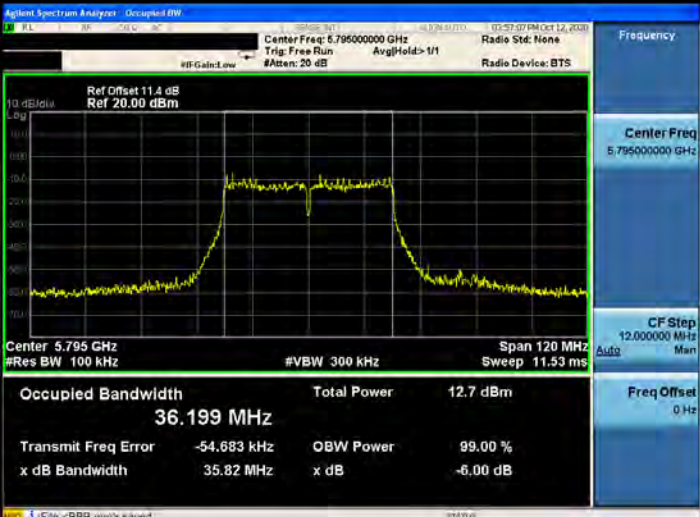
Beamforming on

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-0

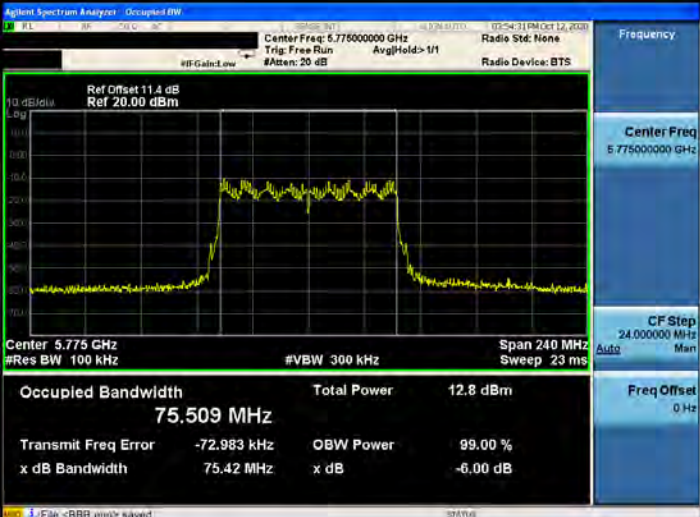
5745 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run AvgHeld: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 17.644 MHz Total Power 13.0 dBm Transmit Freq Error -53.869 kHz OBW Power 99.00 % x dB Bandwidth 16.93 MHz x dB -6.00 dB
5785 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run AvgHeld: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 17.645 MHz Total Power 12.7 dBm Transmit Freq Error -74.424 kHz OBW Power 99.00 % x dB Bandwidth 17.29 MHz x dB -6.00 dB
5825 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run AvgHeld: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 80 MHz Sweep 7.667 ms Occupied Bandwidth 17.656 MHz Total Power 12.1 dBm Transmit Freq Error -45.292 kHz OBW Power 99.00 % x dB Bandwidth 17.07 MHz x dB -6.00 dB



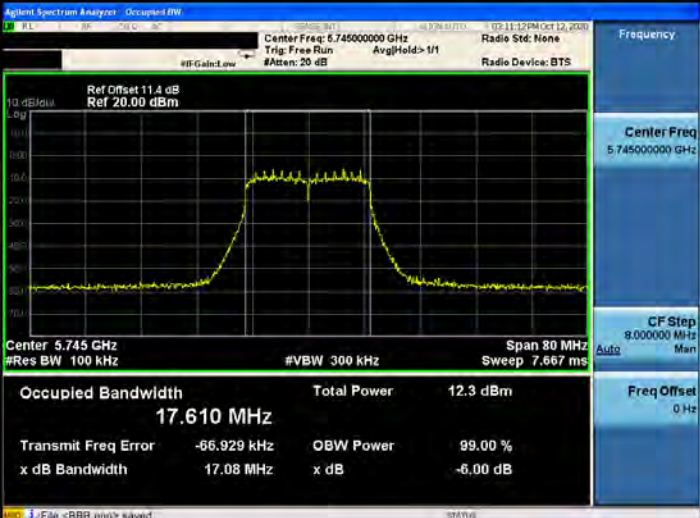
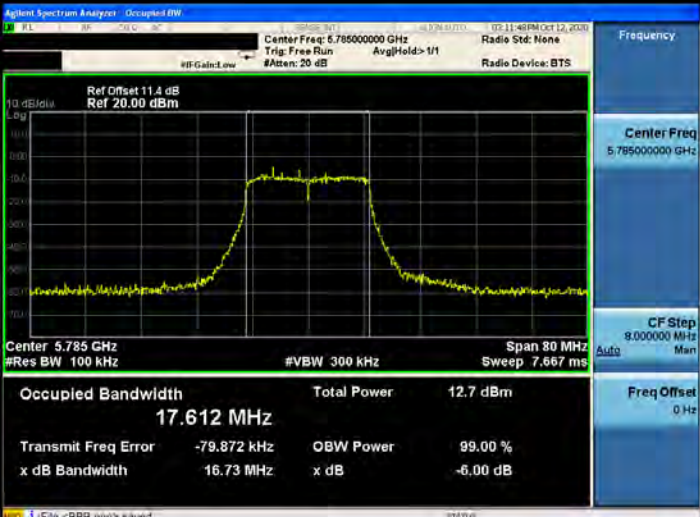
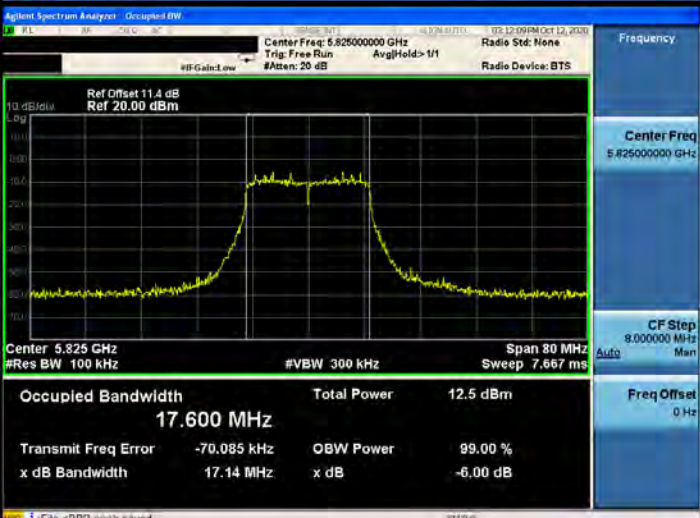
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0

5755 MHz	
5795 MHz	

Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-0

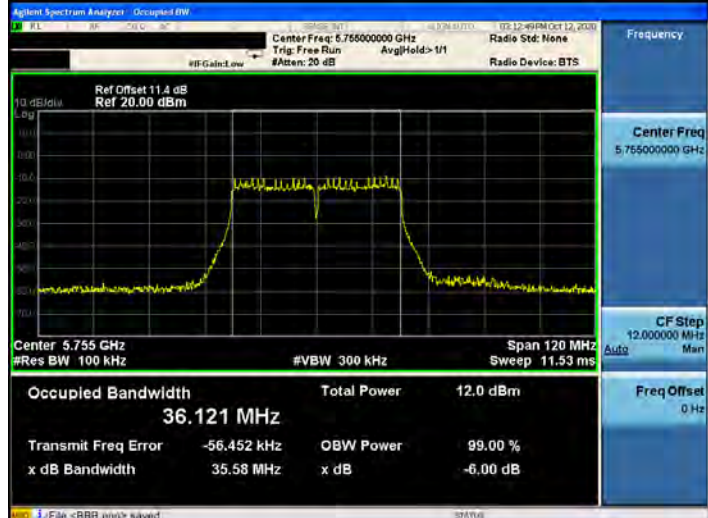
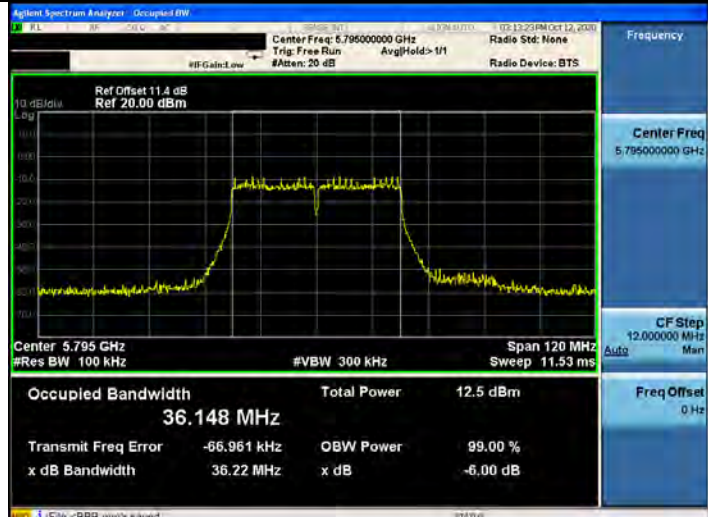
5775 MHz	
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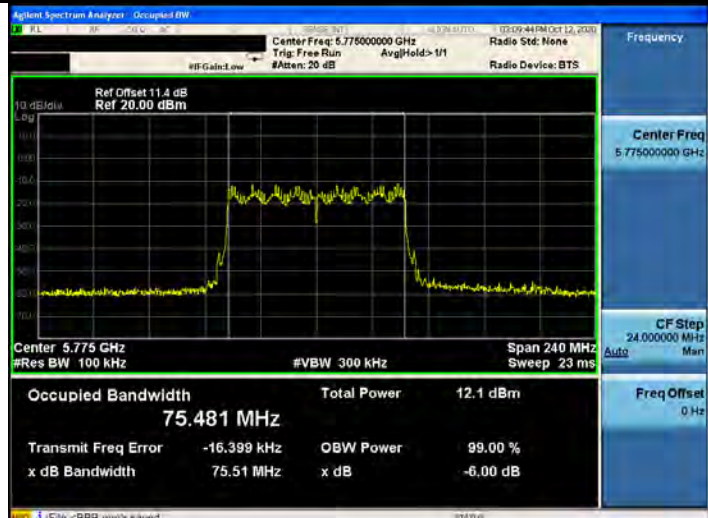
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode_ANT-1		
5745 MHz		
5785 MHz		
5825 MHz		



Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-1

5755 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.75500000 GHz Trig: Free Run AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.755 GHz #Res BW 100 kHz #VBW 300 kHz Span 120 MHz Sweep 11.53 ms Occupied Bandwidth 36.121 MHz Total Power 12.0 dBm Transmit Freq Error -56.452 kHz OBW Power 99.00 % x dB Bandwidth 35.58 MHz x dB -6.00 dB File <BBB.png> saved Frequency Center Freq 5.75500000 GHz CF Step 12.000000 MHz Freq Offset 0 Hz
5795 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.79500000 GHz Trig: Free Run AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.795 GHz #Res BW 100 kHz #VBW 300 kHz Span 120 MHz Sweep 11.53 ms Occupied Bandwidth 36.148 MHz Total Power 12.5 dBm Transmit Freq Error -66.961 kHz OBW Power 99.00 % x dB Bandwidth 36.22 MHz x dB -6.00 dB File <BBB.png> saved Frequency Center Freq 5.79500000 GHz CF Step 12.000000 MHz Freq Offset 0 Hz

Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode_ANT-1

5775 MHz	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.77500000 GHz Trig: Free Run AvgHold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.775 GHz #Res BW 100 kHz #VBW 300 kHz Span 240 MHz Sweep 23 ms Occupied Bandwidth 75.481 MHz Total Power 12.1 dBm Transmit Freq Error -16.399 kHz OBW Power 99.00 % x dB Bandwidth 75.51 MHz x dB -6.00 dB File <BBB.png> saved Frequency Center Freq 5.77500000 GHz CF Step 24.000000 MHz Freq Offset 0 Hz
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Maximum Power Spectral Density Measurement

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	-2.262	0.140	-2.122	≤ 11
5200	-2.602	0.140	-2.462	
5240	-2.880	0.140	-2.740	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Test Mode	Mode 2: IEEE 802.11a Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-10.756	0.140	-3.626	≤ 30
5785	-11.330	0.140	-4.200	
5825	-10.398	0.140	-3.268	

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	-1.078	0.133	-0.945	≤ 11
5200	-1.246	0.133	-1.113	
5240	-0.870	0.133	-0.737	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	3.206	0.133	3.339	≤ 11
5200	2.794	0.133	2.927	
5240	3.213	0.133	3.346	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180	4.715			≤ 11
5200	4.371			
5240	4.778			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-9.112	0.133	-1.990	≤ 29.49
5785	-9.520	0.133	-2.398	
5825	-9.177	0.133	-2.055	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-10.022	0.133	-2.900	≤ 29.49
5785	-9.934	0.133	-2.812	
5825	-9.690	0.133	-2.568	
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5745	0.589			≤ 29.49
5785	0.411			
5825	0.707			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-4.230	0.293	-3.937	≤ 11
5230	-4.028	0.293	-3.735	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-0.009	0.293	0.284	≤ 11
5230	-0.044	0.293	0.249	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190	1.678			≤ 11
5230	1.709			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-13.158	0.293	-5.875	≤ 29.49
5795	-13.831	0.293	-6.548	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-14.218	0.293	-6.935	≤ 29.49
5795	-13.984	0.293	-6.701	
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5755	-3.363			≤ 29.49
5795	-3.614			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-6.105	0.603	-5.502	≤ 11
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-1.349	0.603	-0.746	≤ 11
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210	0.508			≤ 11

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-15.503	0.603	-7.910	≤ 29.49
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-16.020	0.603	-8.427	≤ 29.49
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5775	-5.150			≤ 29.49

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)

Beamforming on

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	-4.375	0.133	-4.242	≤ 11
5200	-4.522	0.133	-4.389	
5240	-4.275	0.133	-4.142	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5180	-0.439	0.133	-0.306	≤ 11
5200	-0.853	0.133	-0.720	
5240	-0.797	0.133	-0.664	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5180	1.167			≤ 11
5200	0.832			
5240	0.946			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)

Test Mode	Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-12.408	0.133	-5.286	≤ 29.49
5785	-12.668	0.133	-5.546	
5825	-12.814	0.133	-5.692	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5745	-13.749	0.133	-6.627	≤ 29.49
5785	-13.231	0.133	-6.109	
5825	-13.468	0.133	-6.346	
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5745	-2.894			≤ 29.49
5785	-2.808			
5825	-2.996			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-7.616	0.293	-7.323	≤ 11
5230	-7.796	0.293	-7.503	
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5190	-3.204	0.293	-2.911	≤ 11
5230	-3.698	0.293	-3.405	
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5190	-1.569			≤ 11
5230	-1.977			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)

Test Mode	Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-16.337	0.293	-9.054	≤ 29.49
5795	-16.690	0.293	-9.407	
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5755	-17.764	0.293	-10.481	≤ 29.49
5795	-17.408	0.293	-10.125	
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5755	-6.699			≤ 29.49
5795	-6.741			

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-9.297	0.603	-8.694	≤ 11
Frequency (MHz)	ANT-1			
	Measurement (dBm/MHz)	Duty Factor (dB)	Calculated (dBm/MHz)	Limit (dBm/MHz)
5210	-4.747	0.603	-4.144	≤ 11
Frequency (MHz)	ANT-0+1			Limit (dBm/MHz)
	Calculated (dBm/MHz)			
5210	-2.838			≤ 11

Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)

Test Mode	Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode			
Conducted power spectral density				
Frequency (MHz)	ANT-0			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-18.571	0.603	-10.978	≤ 29.49
Frequency (MHz)	ANT-1			
	Measurement (dBm/100 kHz)	Duty Factor (dB)	Calculated (dBm/500 kHz)	Limit (dBm/500 kHz)
5775	-19.371	0.603	-11.778	≤ 29.49
Frequency (MHz)	ANT-0+1			Limit (dBm/500 kHz)
	Calculated (dBm/500 kHz)			
5775	-8.349			≤ 29.49

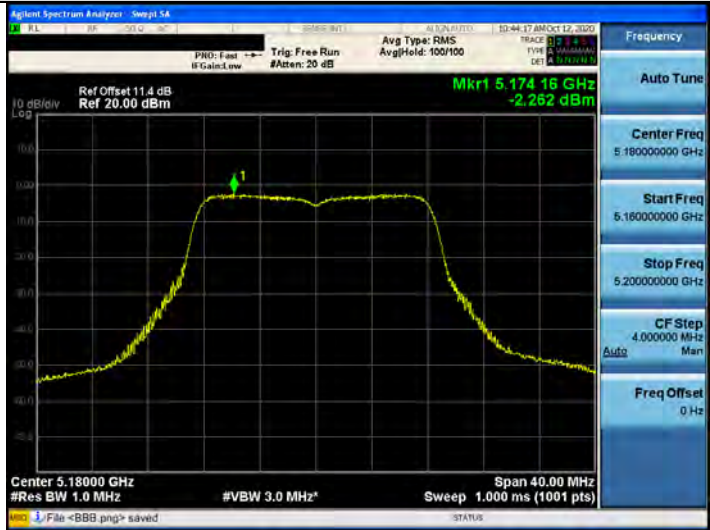
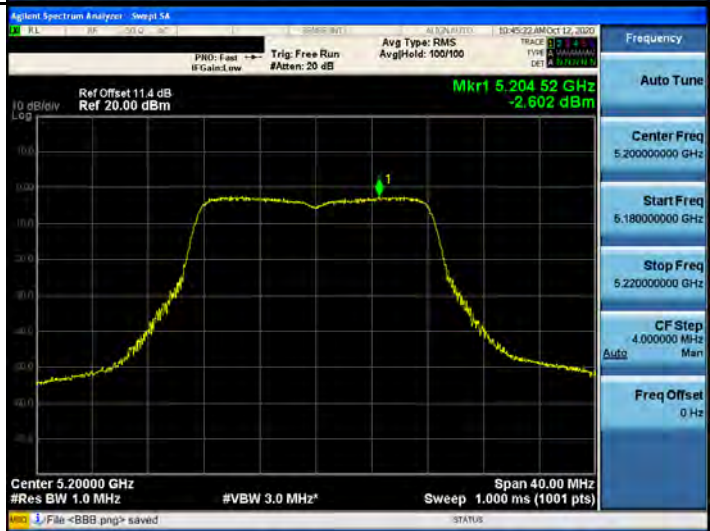
Note: Method SA-2, Power density = measured result + 10 log(1/duty cycle) + Conversion ratio = measured result + duty factor.

Conversion ratio = 10*Log(500 k/100 k)

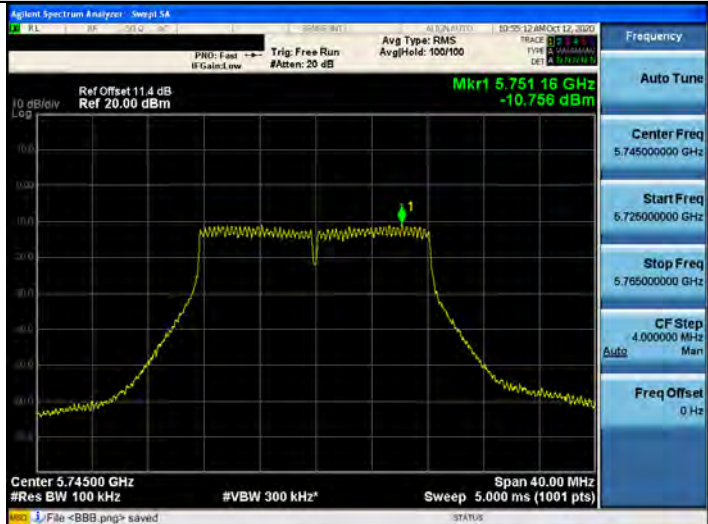
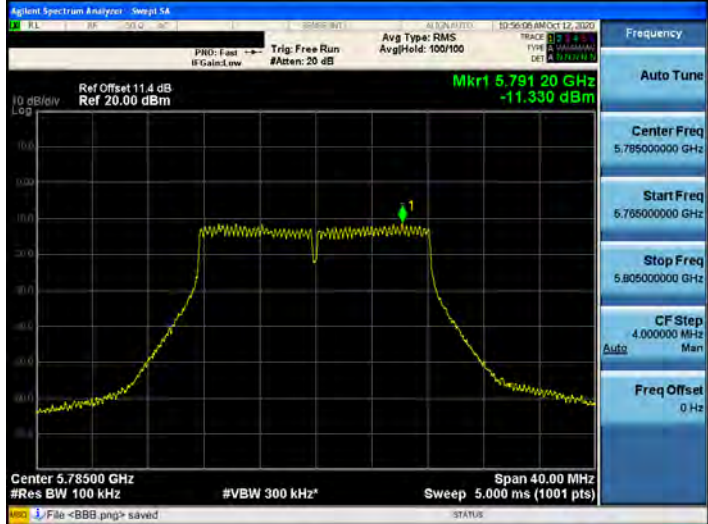
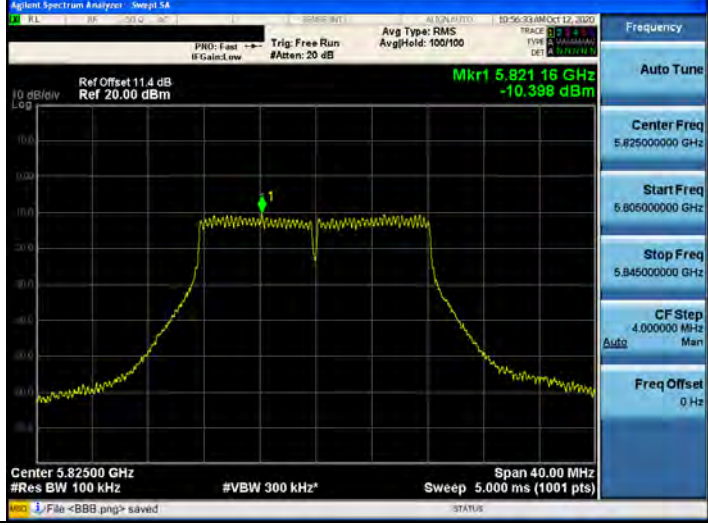
Ant-0+1 Calculated value = Ant-0 (mW) + Ant-1 (mW)



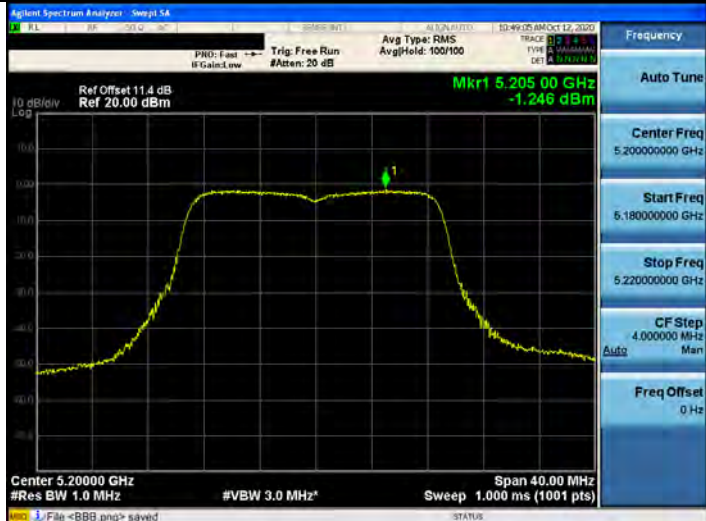
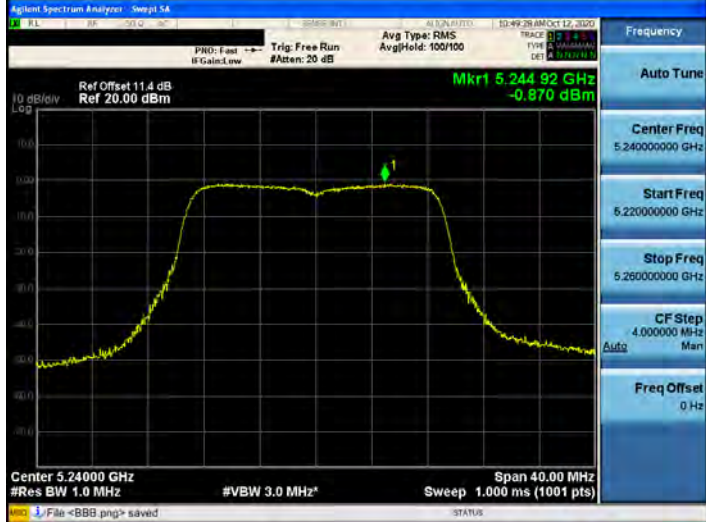
■ Test Graphs

Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5180 MHz	
5200 MHz	
5240 MHz	

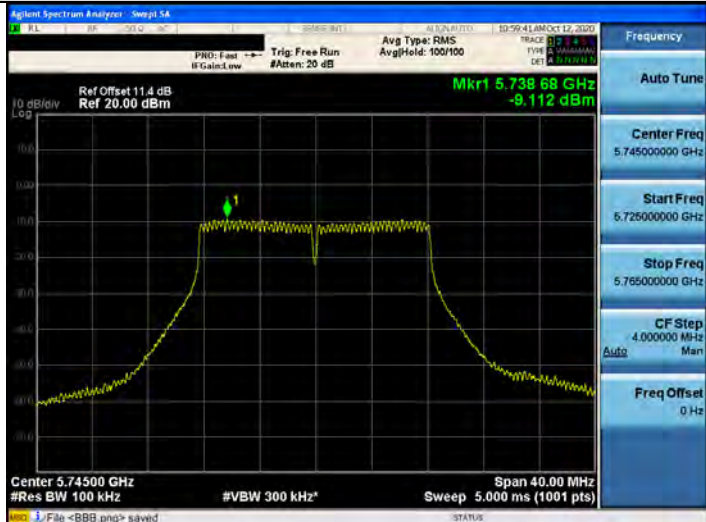
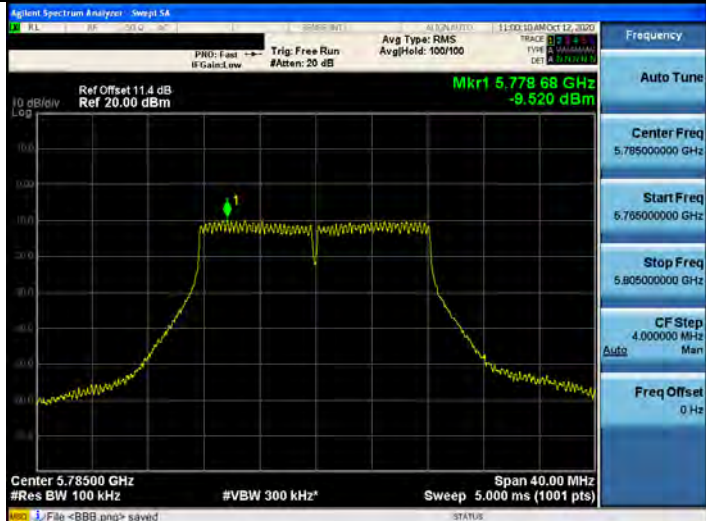
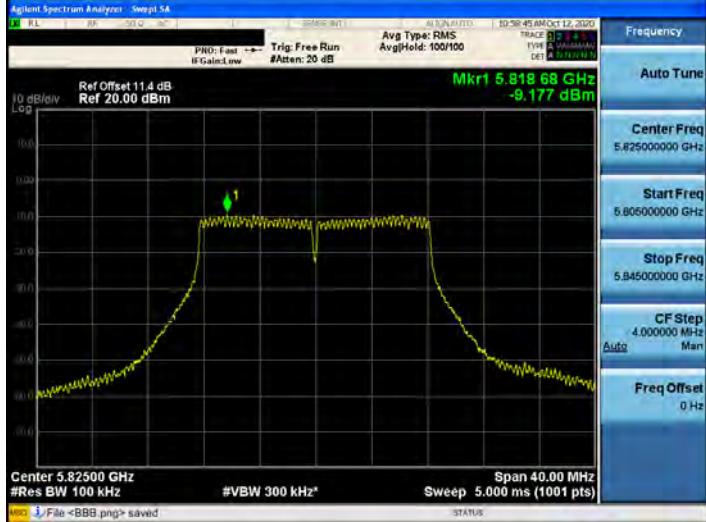


Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	



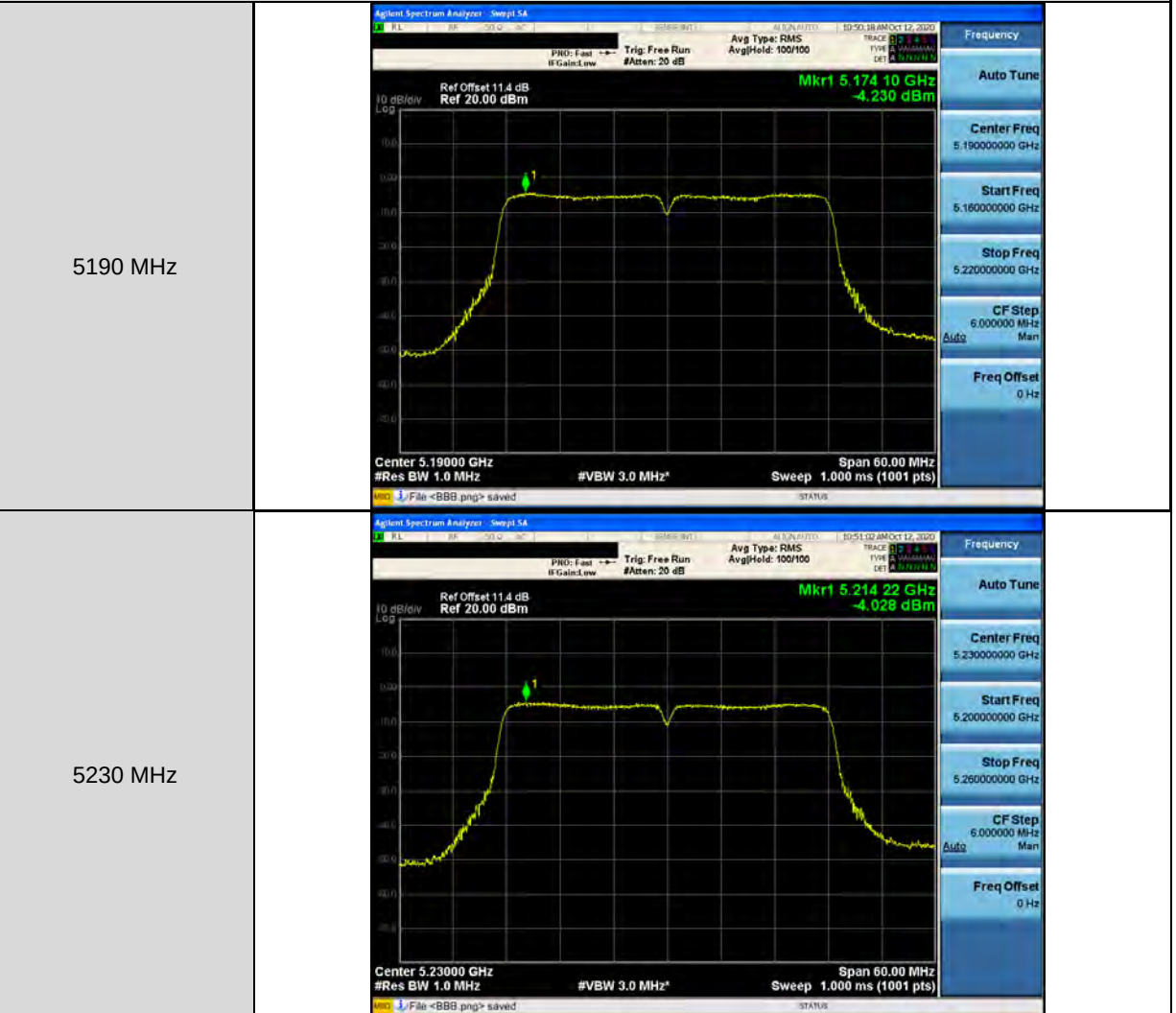
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0		
5180 MHz		
5200 MHz		
5240 MHz		



Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

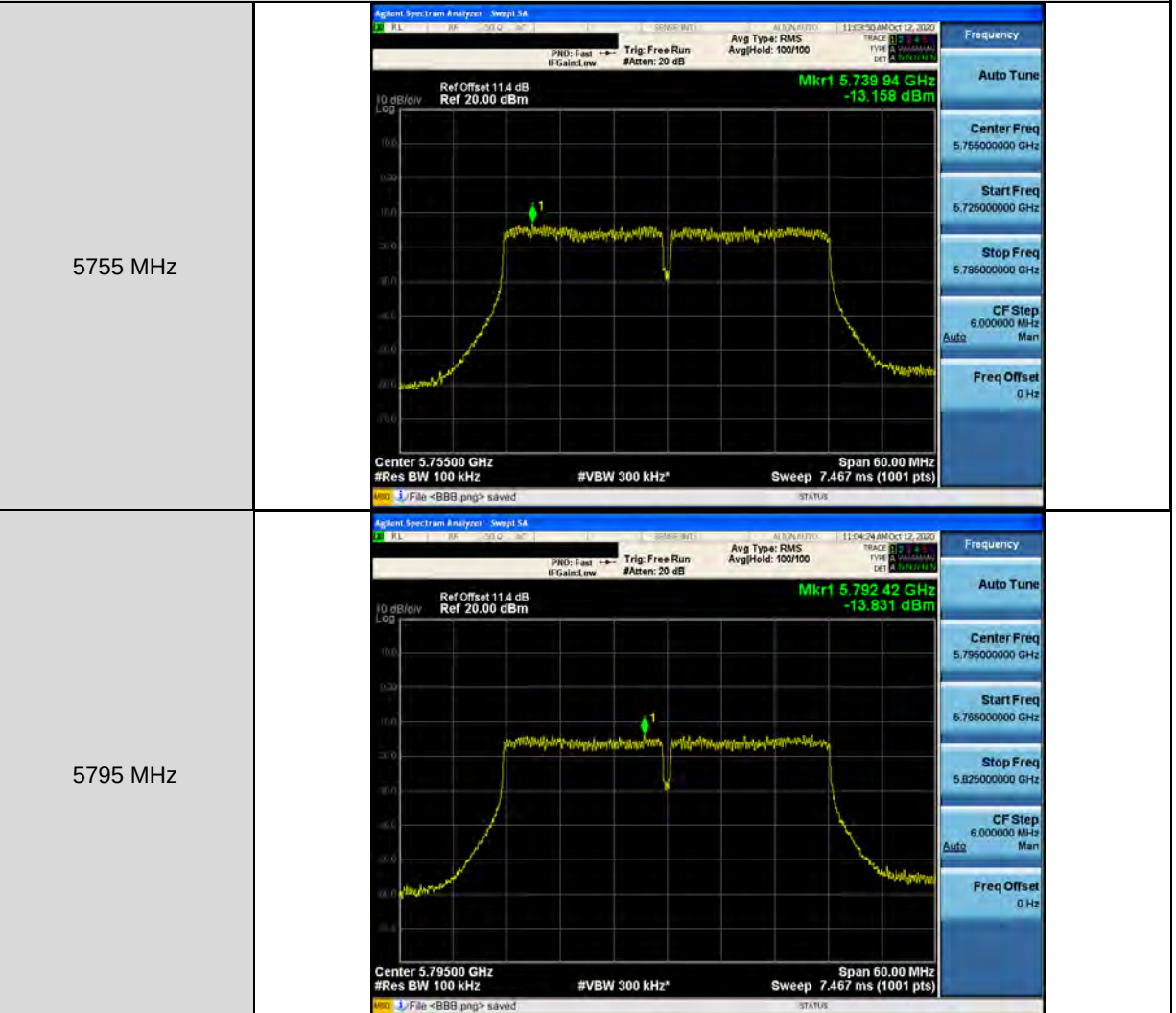


Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0





Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0

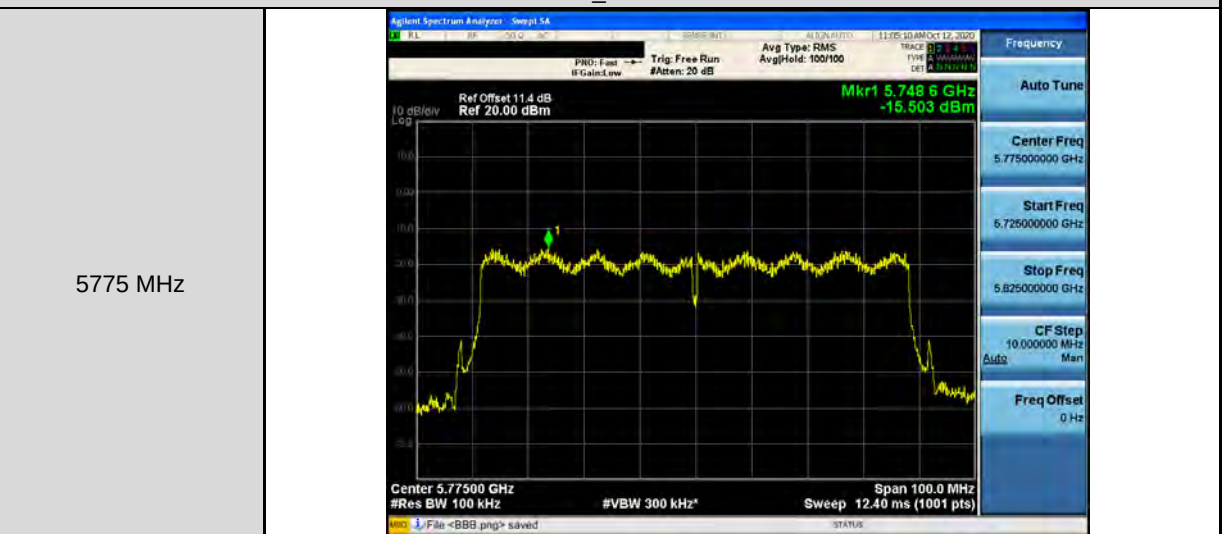




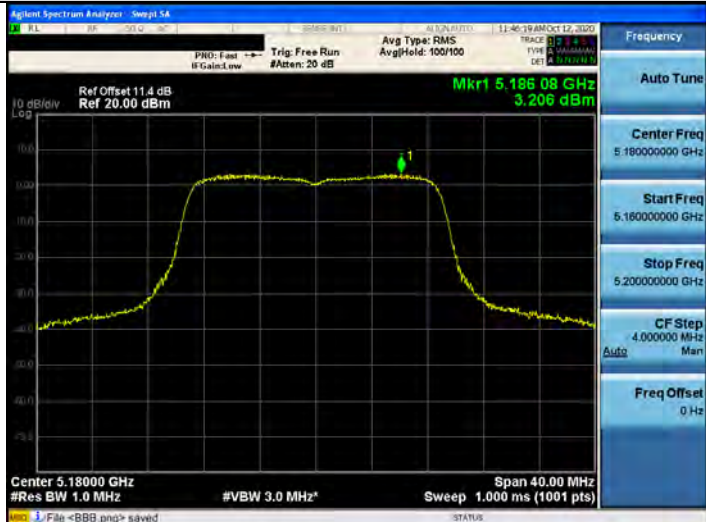
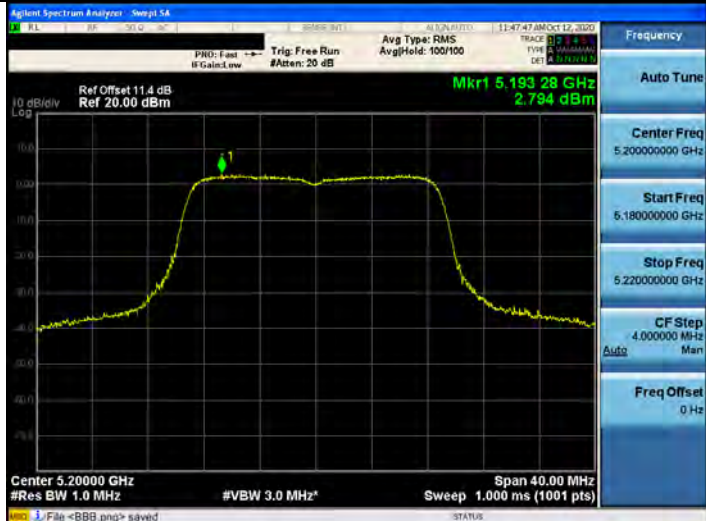
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0



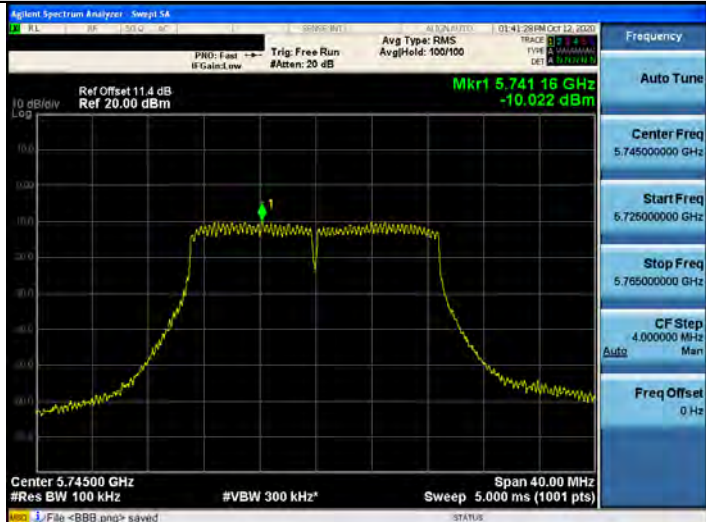
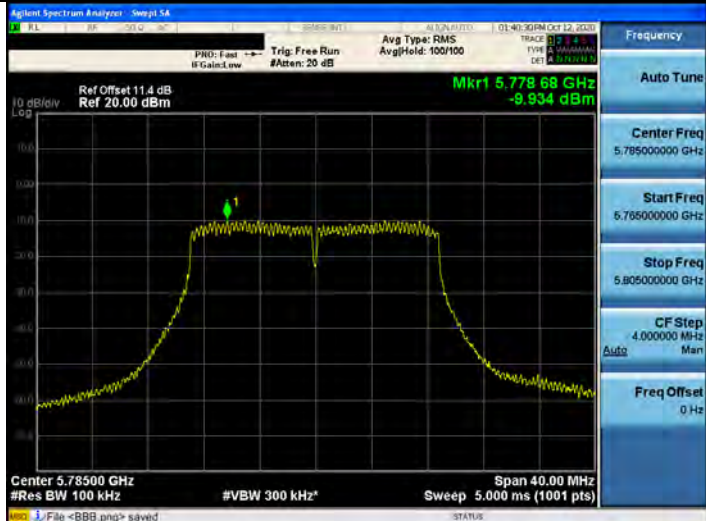
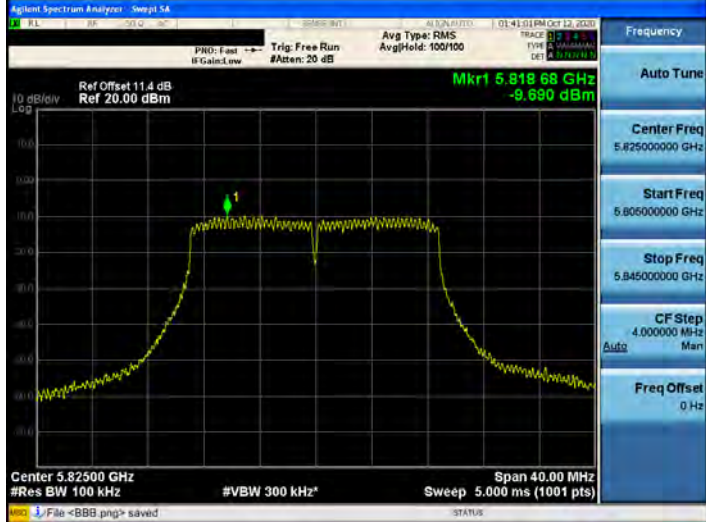
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0





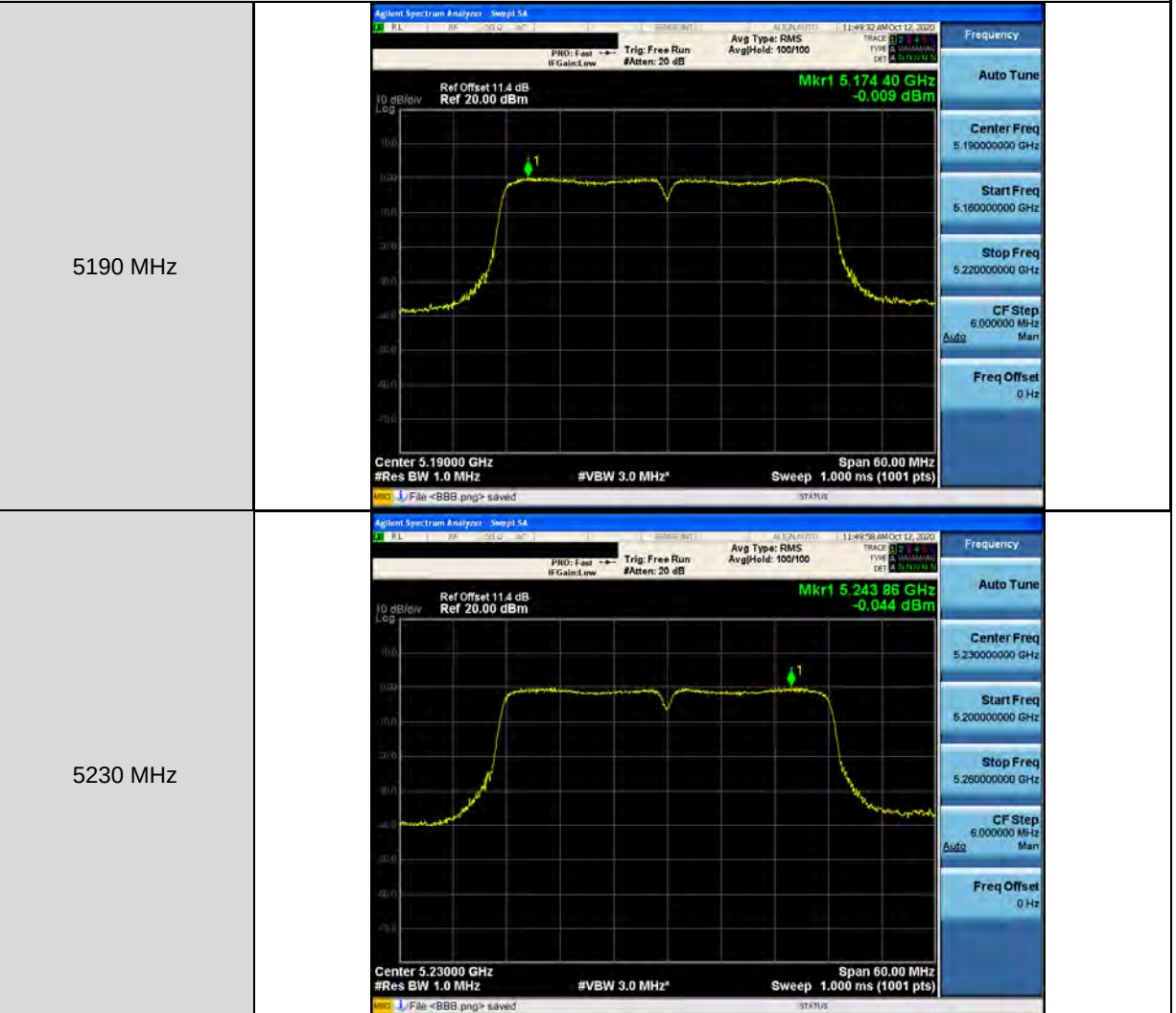
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	



Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	



Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1





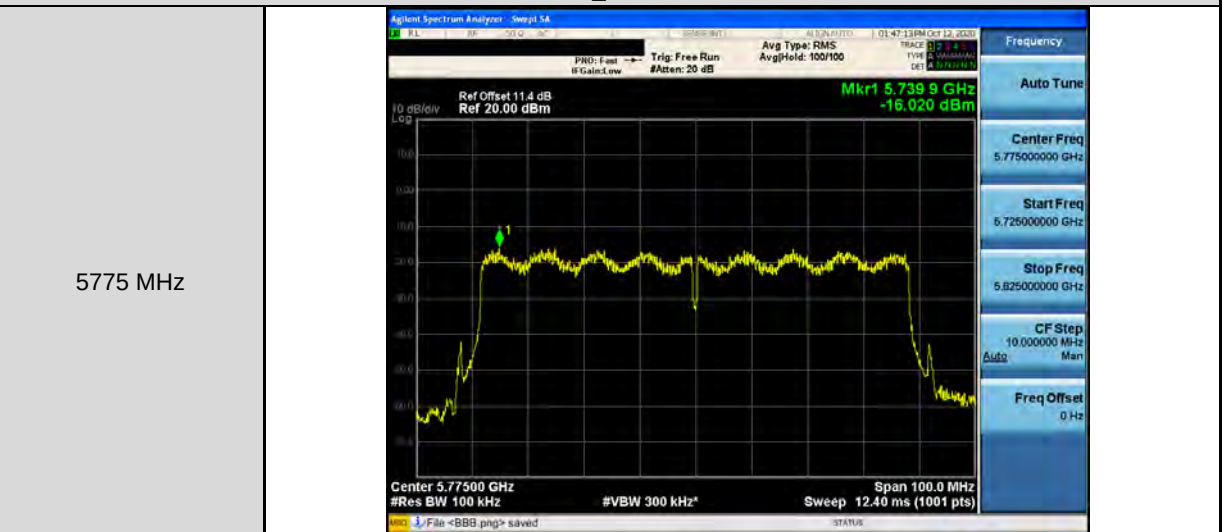
Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1	
5755 MHz	
5795 MHz	



Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1



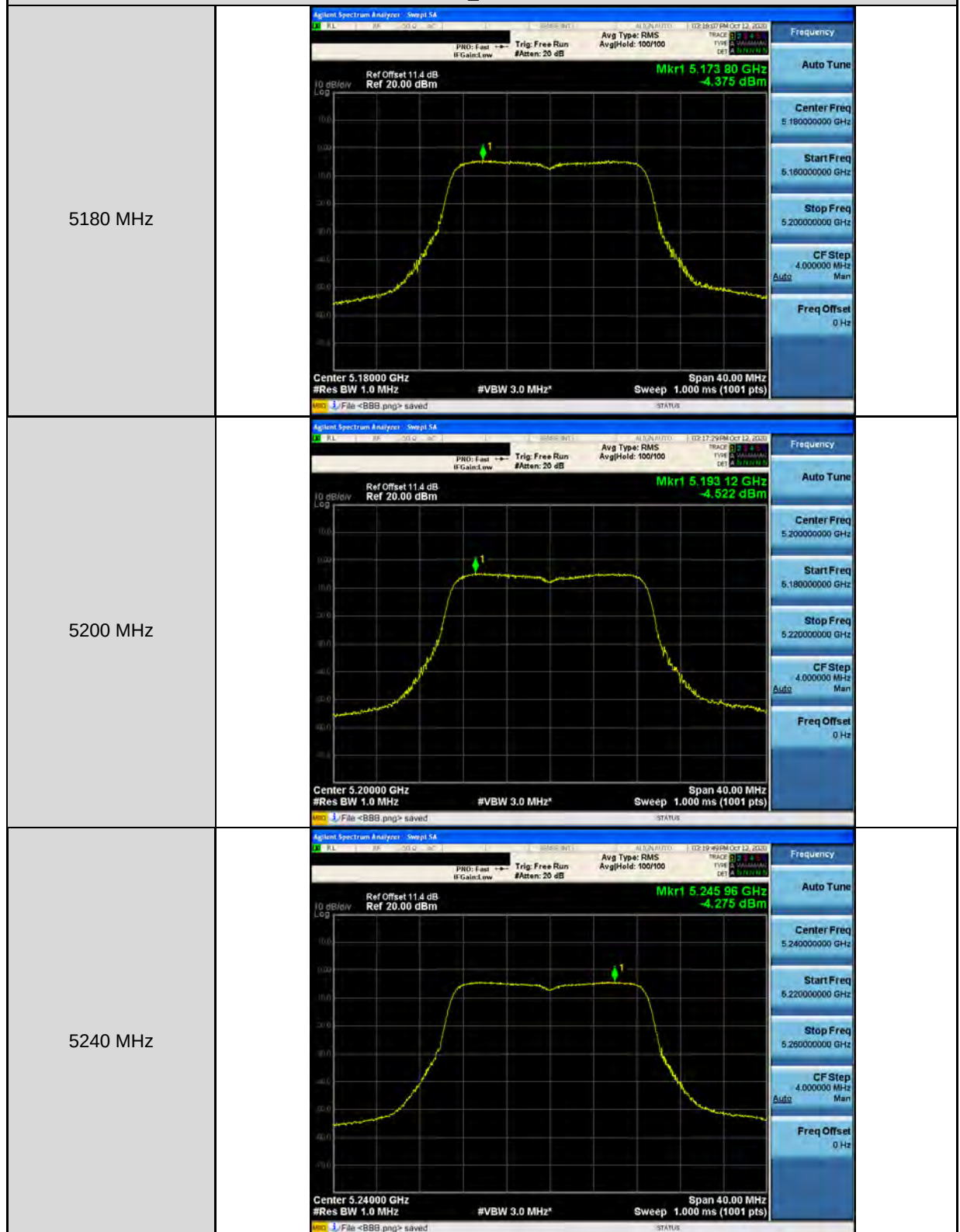
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1



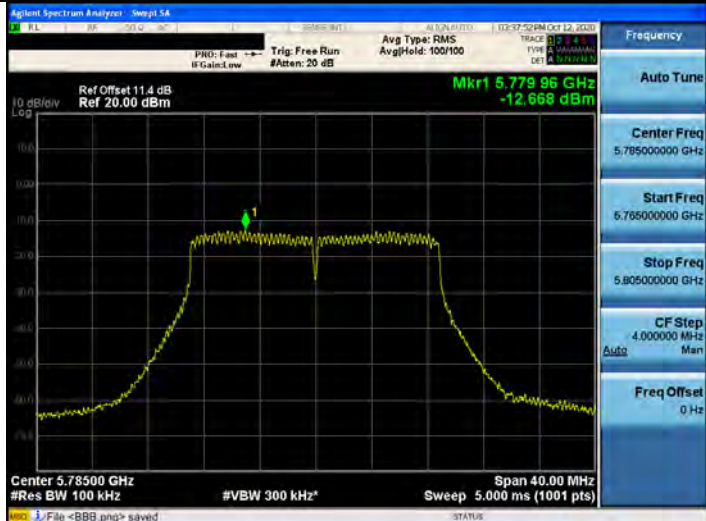
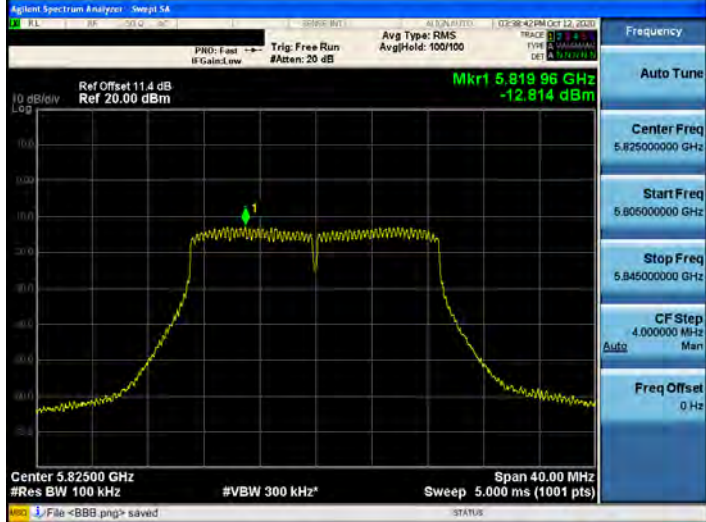


Beamforming on

Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0

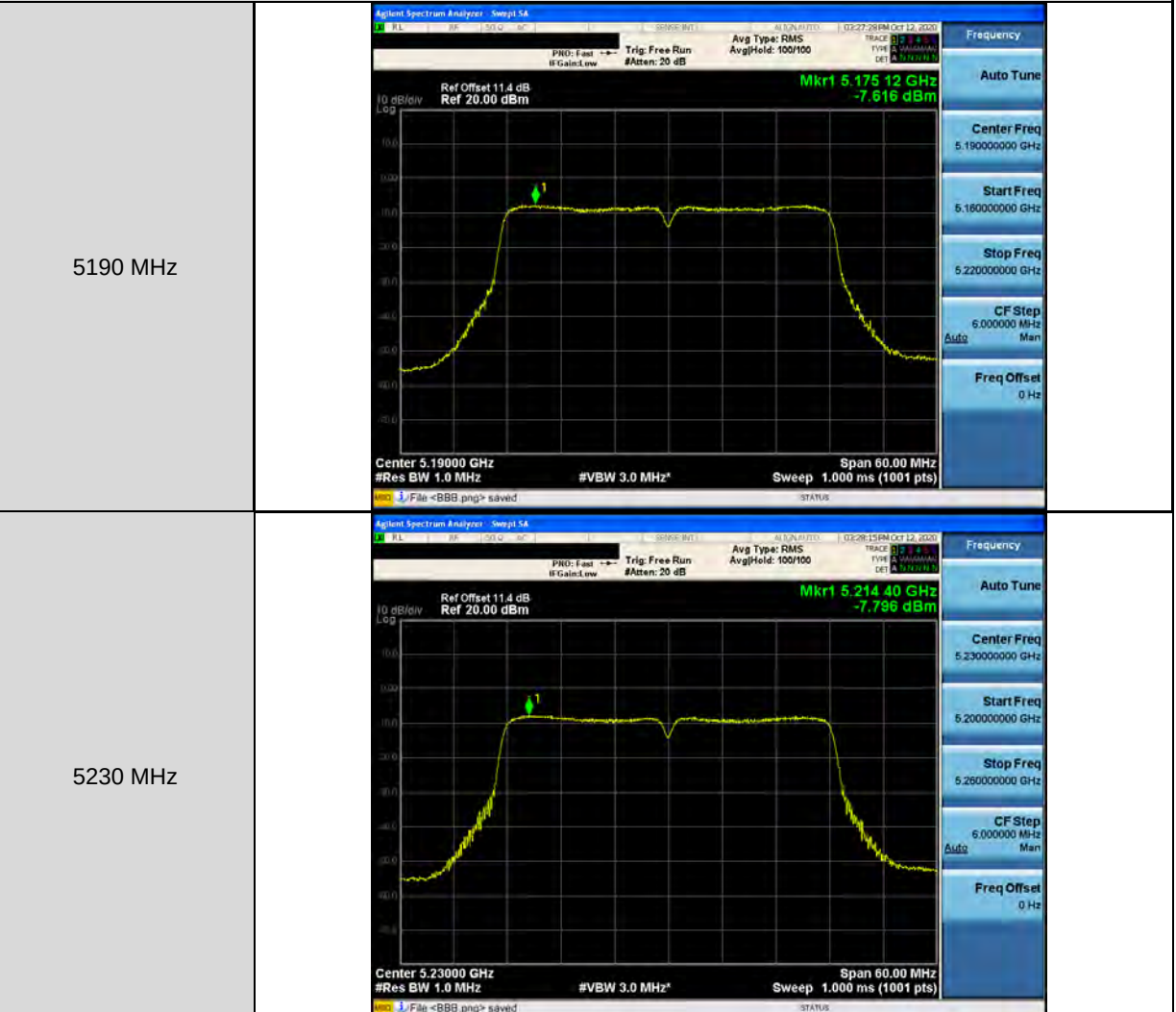




Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-0	
5745 MHz	
5785 MHz	
5825 MHz	

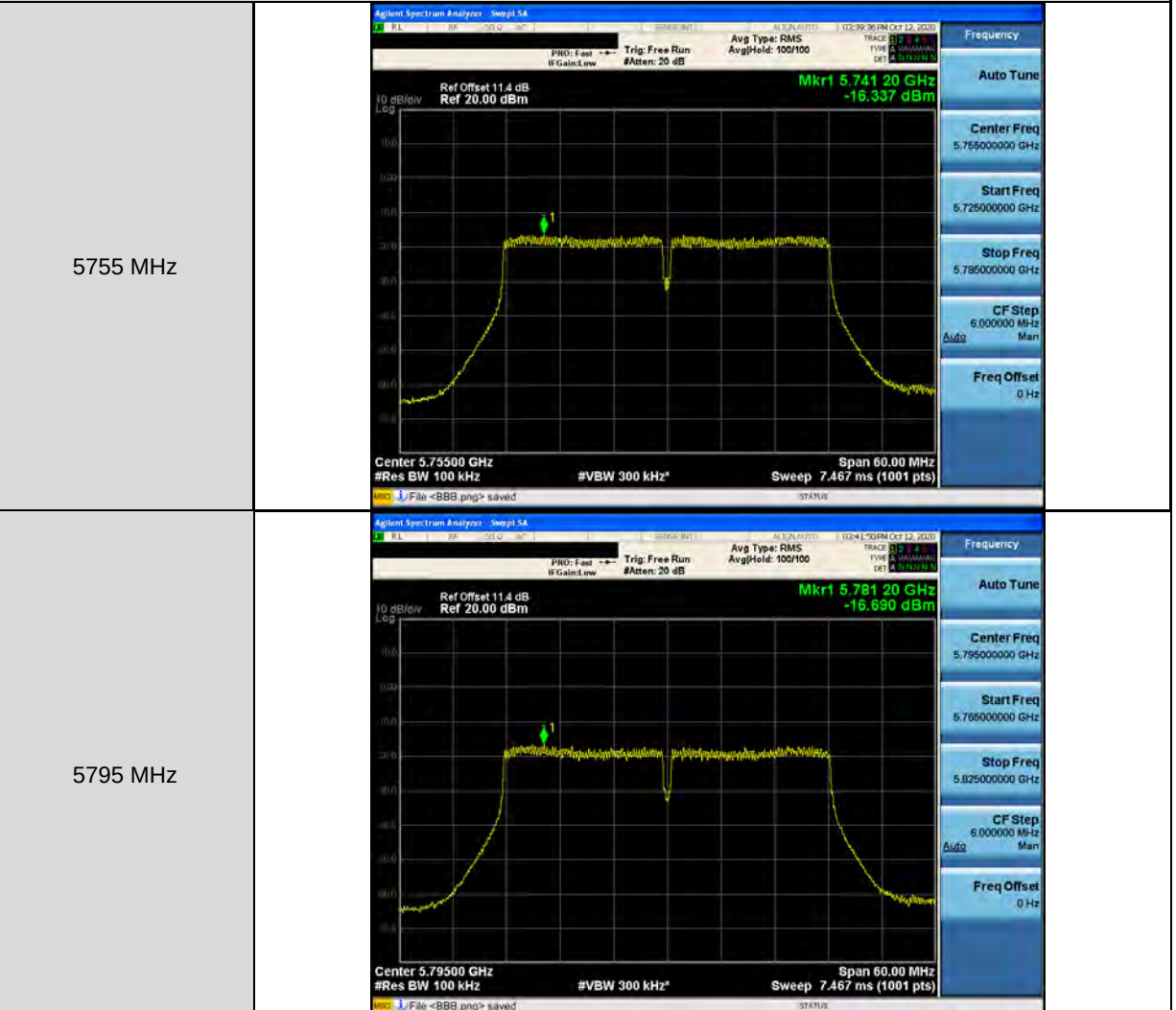


Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-0



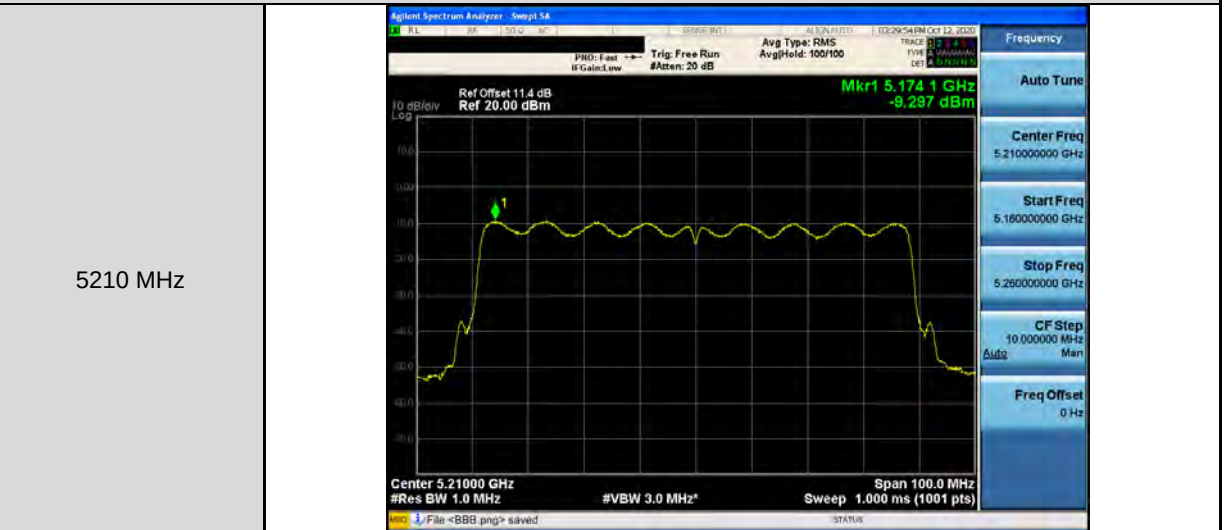


Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ANT-0

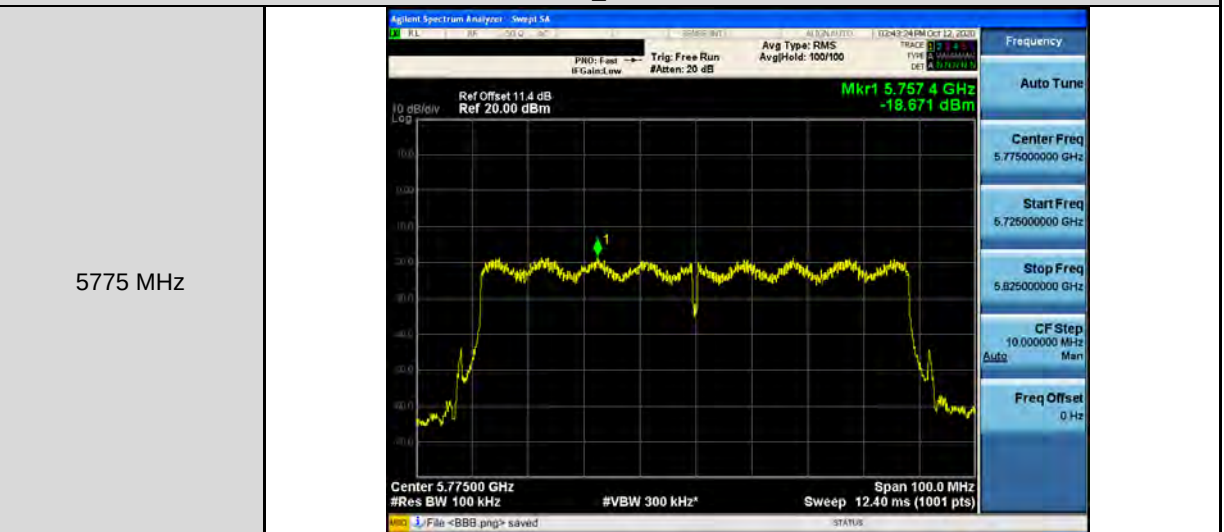




Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0



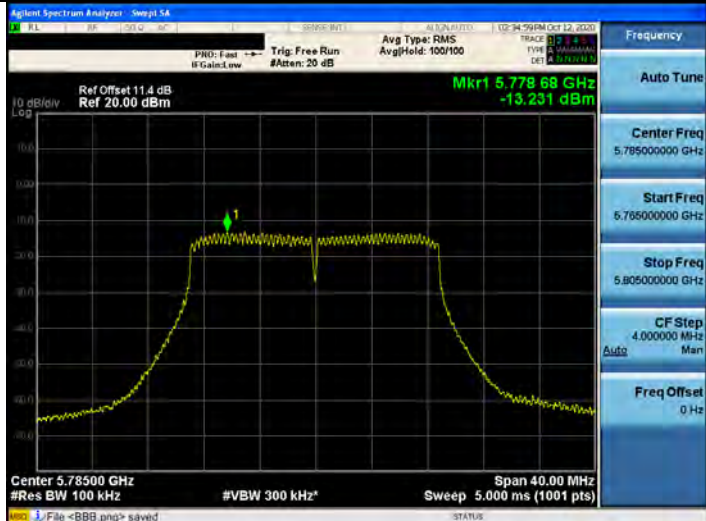
Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-0





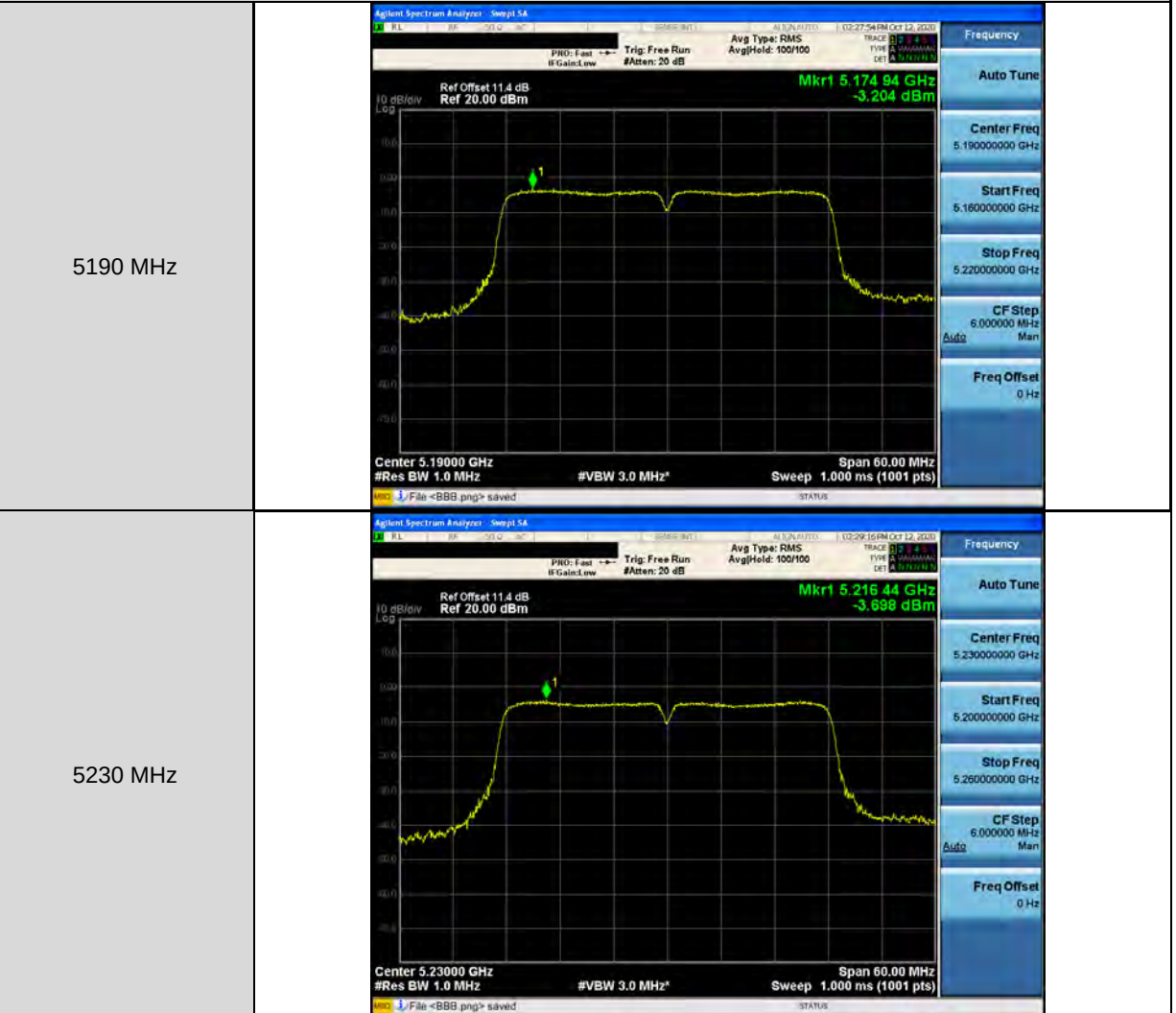
Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5180 MHz	
5200 MHz	
5240 MHz	



Mode 3: IEEE 802.11ac 20 MHz Continuous TX mode _ ANT-1	
5745 MHz	
5785 MHz	
5825 MHz	

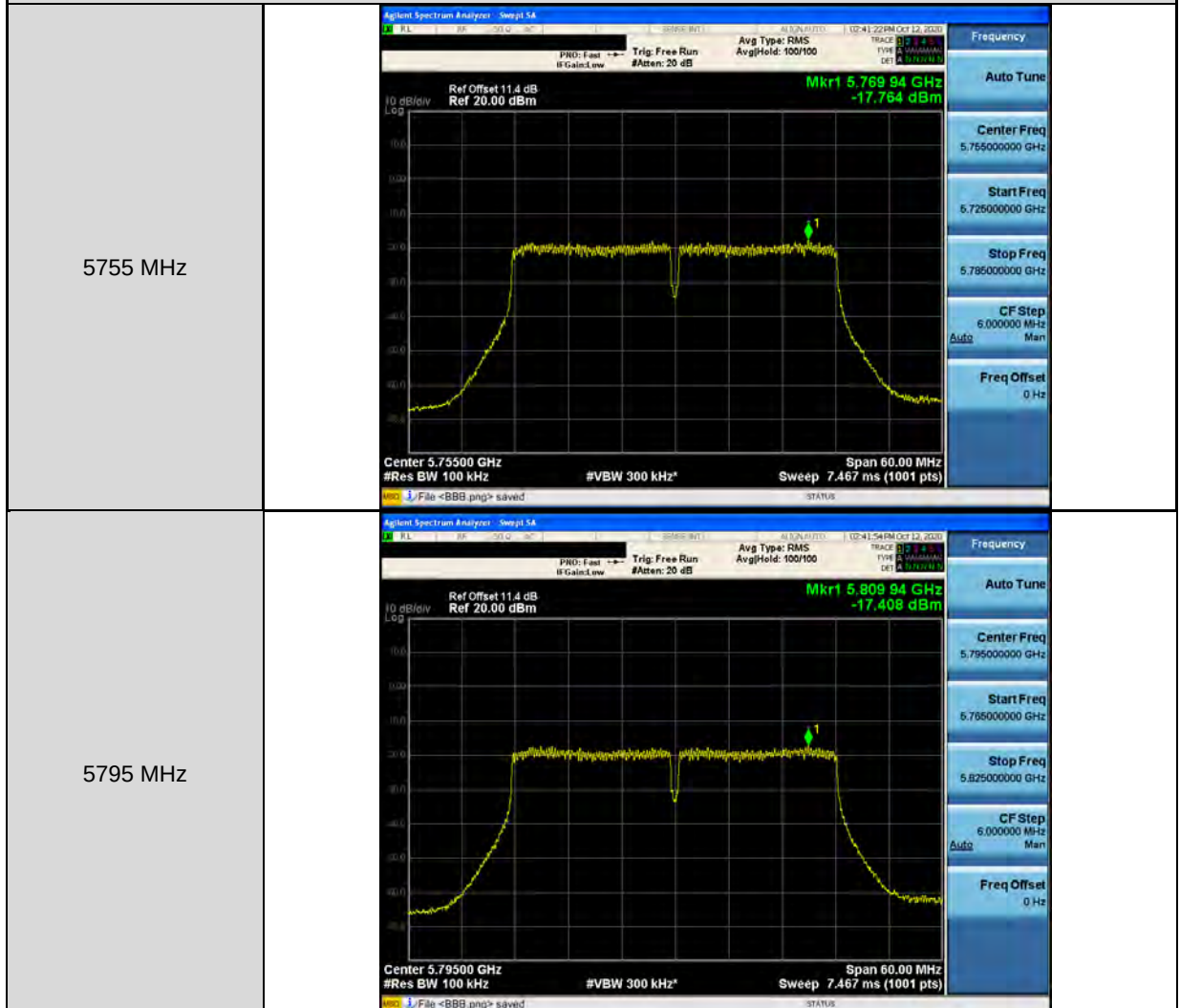


Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1





Mode 4: IEEE 802.11ac 40 MHz Continuous TX mode_ ANT-1



Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1



Mode 5: IEEE 802.11ac 80 MHz Continuous TX mode _ ANT-1



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