

# FCC Radio Test Report

## FCC ID: 2AL8K-ONESCREEN-6

### Original Grant

**Report No.** : TB-FCC171174  
**Applicant** : NZS Inc. DBA Clary Icon  
**Equipment Under Test (EUT)**  
**EUT Name** : Interactive Touch Screen/ Interactive Flat Panel  
**Model No.** : OneScreen 6  
**Serial Model No.** : OneScreen \* (\* stands for 0-9, or A-Z, or a-z, or blank)  
**Brand Name** : **OneScreen**  
**Receipt Date** : 2019-12-21  
**Test Date** : 2019-12- 21 to 2019-12-27  
**Issue Date** : 2019-12-28  
**Standards** : FCC Part 15, Subpart E (15.407)  
**Test Method** : ANSI C63.10: 2013  
**Conclusions** : **PASS**

In the configuration tested, the EUT complied with the standards specified above,  
The EUT technically complies with the FCC and IC requirements

**Test/Witness  
Engineer** :

*Garen*

**Engineer  
Supervisor** :

*IVAN SU*

**Engineer Manager** :

*Ray Lai*



This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

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### Revision History

Report No.	Version	Description	Issued Date
TB-FCC171174	Rev.01	Initial issue of report	2019-12-28

# 1. General Information about EUT

## 1.1 Client Information

**Applicant** : NZS Inc. DBA Clary Icon  
**Address** : 8168 Miramar Road, San Diego CA 92126, United States  
**Manufacturer** : Shenzhen Konka E-display Co.,Ltd  
**Address** : 22A,KONKA Building,South Technology Road No.12th,High-tech Industrial Park,Nanshan,Shenzhen China

## 1.2 General Description of EUT (Equipment Under Test)

<b>EUT Name</b>	:	Interactive Touch Screen/ Interactive Flat Panel	
<b>Models No.</b>	:	OneScreen 6, OneScreen * (* stands for 0-9,or A-Z,or a-z,or blank)	
<b>Model Different</b>	:	All these models are the same PCB, layout and electrical circuit, the only different is model name.	
<b>Product Description</b>	:	Operation Frequency: U-NII-1: 5180MHz~5240MHz(For indoor use only) U-NII-3: 5745MHz~5825MHz	
	:	SISO for 802.11a MIMO for 802.11n/ac	
	:	Antenna Gain:	See Note:3
	:	Modulation Type:	802.11a: OFDM (QPSK, BPSK, 16QAM) 802.11n: OFDM (QPSK, BPSK, 16QAM, 64QAM) 802.11ac: OFDM (QPSK, BPSK, 16QAM, 64QAM, 256QAM)
	:	Bit Rate of Transmitter:	802.11a: 6/9/12/18/24/36/48/54 Mbps 802.11n: up to 150Mbps 802.11ac: at most 433.3 Mbps
<b>Power Rating</b>	:	Input: AC 100-240V, 50/60Hz	
<b>Connecting I/O Port(S)</b>	:	Please refer to the User's Manual	
<b>Remark</b>	:	The antenna gain provided by the applicant, the verified for the RF conduction test provided by TOBY test lab.	
<b>Note:</b> More detailed features description, please refer to the manufacturer's specifications or the User's Manual.			

### Note:

(1) This Test Report is FCC Part 15, Subpart E(15.407) for 802.11a/n/ac, the test procedure follows the FCC KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

(2) Channel List:

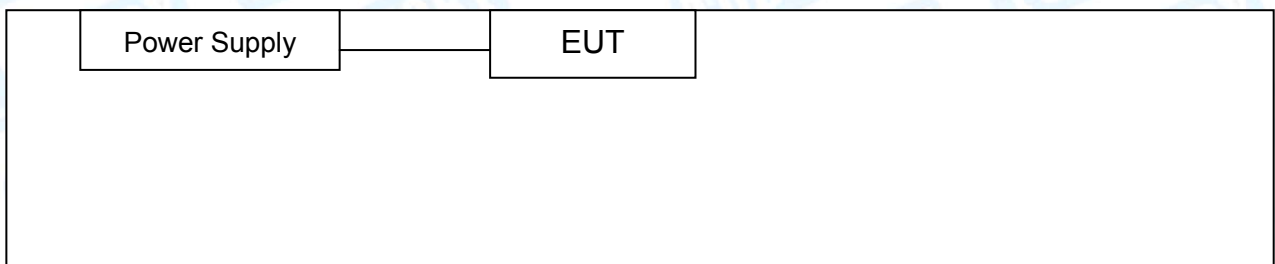
5G Band 5150~5250 MHz (U-NII-1)				
Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5180~5240 MHz Band 1	36	5180 MHz	44	5220 MHz
	38	5190 MHz	46	5230 MHz
	40	5200 MHz	48	5240 MHz
	42	5210 MHz		
Remark: For 20 MHz Bandwidth, use channel 36, 40, 44, 48. For 40 MHz Bandwidth, use channel 38, 46.				
5G Band 5745~5825 MHz(U-NII-3)				
Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5745~5825 MHz Band 4	149	5745 MHz	157	5785 MHz
	151	5755 MHz	159	5795 MHz
	153	5765 MHz	161	5805 MHz
	155	5775 MHz	165	5825 MHz
Remark: For 20 MHz Bandwidth, use channel 149, 153, 157, 161, 165. For 40 MHz Bandwidth, use channel 151, 159.				

(3) Antenna information

Antenna	Brand	Model Name	Type	Antenna Gain(dBi)
ANT0.	N/A	N/A	Reverse SMA	5
ANT1.	N/A	N/A	Reverse SMA	5
Any transmit signals are correlated with each other for MIMO mode for 802.11n/ac, Directional gain= $G_{ANT} + 10 \log(N_{ANT})$ dBi=8.01dBi for U-NII-1/U-NII-3.				

1.3 Block Diagram Showing the Configuration of System Tested

**TX Mode**



## 1.4 Description of Support Units

Equipment Information				
Name	Model	FCC ID/VOC	Manufacturer	Used “√”
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Cable Information				
Number	Shielded Type	Ferrite Core	Length	Note
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## 1.5 Description of Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned follow was evaluated respectively.

For Conducted Test		
Final Test Mode	Description	
Mode 1	TX 802.11a Mode	
For Radiated Test		
Test Band	Final Test Mode	Description
U-NII-1	Mode 2	TX Mode 802.11a Mode Channel 36/40/48
	Mode 3	TX Mode 802.11n(HT20) Mode Channel 36/40/48
	Mode 4	TX Mode 802.11n(HT40) Mode Channel 38/46
	Mode 5	TX Mode 802.11ac(VHT20) Mode Channel 36/40/48
	Mode 6	TX Mode 802.11ac(VHT40) Mode Channel 38/46
U-NII-3	Mode 20	TX Mode 802.11a Mode Channel 149/157/165
	Mode 21	TX Mode 802.11n(HT20) Mode Channel 149/157/165
	Mode 22	TX Mode 802.11n(HT40) Mode Channel 151/159
	Mode 23	TX Mode 802.11ac(VHT20) Mode Channel 149/157/165
	Mode 24	TX Mode 802.11ac(VHT40) Mode Channel 151/159

### Note:

- (1) For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate.

According to ANSI C63.10 standards, the measurements are performed at the highest, middle, lowest available channels, and the worst case data rate as follows:

- 802.11a Mode: OFDM (6 Mbps)
- 802.11n (HT20) Mode: MCS 8
- 802.11n (HT40) Mode: MCS 8
- 802.11ac(VHT20) Mode: MCS 1/Nss2
- 802.11ac(VHT40) Mode: MCS 1/Nss2

- (2) During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.
- (3) The EUT is considered a mobile unit; in normal use it was positioned on X-plane. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.



## 1.6 Description of Test Software Setting

During testing channel & Power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of WLAN.

Test Software Version	Ampak RF Test Tool		
<b>U-NII-1</b>			
<b>Mode:</b>	<b>5180MHz</b>	<b>5200MHz</b>	<b>5240MHz</b>
IEEE 802.11a	DEF	DEF	DEF
IEEE 802.11n (HT20)	DEF	DEF	DEF
IEEE 802.11ac (VHT20)	DEF	DEF	DEF
<b>Mode:</b>	<b>5190MHz</b>	<b>5230MHz</b>	
IEEE 802.11n (HT40)	DEF	DEF	
IEEE 802.11ac (VHT40)	DEF	DEF	
<b>U-NII-3</b>			
<b>Mode:</b>	<b>5745MHz</b>	<b>5785MHz</b>	<b>5825MHz</b>
IEEE 802.11a	DEF	DEF	DEF
IEEE 802.11n (HT20)	DEF	DEF	DEF
IEEE 802.11ac (VHT20)	DEF	DEF	DEF
<b>Mode:</b>	<b>5755MHz</b>	<b>5795MHz</b>	
IEEE 802.11n (HT40)	DEF	DEF	
IEEE 802.11ac (VHT40)	DEF	DEF	

## 1.7 Test Facility

The testing was performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at:1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China.

At the time of testing, the following bodies accredited the Laboratory:

### **CNAS (L5813)**

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

### **A2LA Certificate No.: 4750.01**

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01.

FCC Accredited Test Site Number: 854351.

### **IC Registration No.: (11950A-1)**

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A-1.

## 2. Test Summary

FCC Part 15 Subpart E(15.407)/RSS-210: 2010				
Standard Section		Test Item	Judgment	Remark
FCC	IC			
15.203	/	Antenna Requirement	PASS	N/A
15.207	RSS-GEN 7.2.4	Conducted Emission	PASS	N/A
15.407(b)	RSS-GEN 7.2.2	Band Edge Emissions	PASS	N/A
15.407(a)	RSS-24 A.9.2	26dB Bandwidth&99% Bandwidth	PASS	N/A
15.407(e)	RSS-210 A.9.2	6dB Bandwidth( <b>only for UNII-3</b> )	PASS	N/A
15.407(a)	RSS-210 A.9.2	Peak Output Power	PASS	N/A
15.407(a)	RSS-210 A.9.2	Power Spectral Density	PASS	N/A
15.407(b)	RSS-210 A.9.2	Transmitter Radiated Spurious Emission	PASS	N/A
15.407(a)	RSS-210 A.9.2	Peak Excursion	PASS	N/A
15.407(g)	RSS-210 A.9.2	Frequency Stability	PASS	N/A

**Note:** (1)"/" for no requirement for this test item.  
 (2)N/A is an abbreviation for Not Applicable.  
 (3)All tests were conducted using the adapter and antenna gain provided by the applicant, The laboratory tests only according to the information provided by the applicant.

## Test Software

Test Item	Test Software	Manufacturer	Version No.
Conducted Emission	EZ-EMC	EZ	CDI-03A2
Radiation Emission	EZ-EMC	EZ	FA-03A2RE
RF Conducted Measurement	MTS-8310	MWRFtest	V2.0.0.0

### 3. Test Equipment

4. Conducted Emission Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jul. 13, 2019	Jul. 12, 2020
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 13, 2019	Jul. 12, 2020
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 13, 2019	Jul. 12, 2020
LISN	Rohde & Schwarz	ENV216	101131	Jul. 13, 2019	Jul. 12, 2020
Radiation Emission Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 13, 2019	Jul. 12, 2020
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul. 13, 2019	Jul. 12, 2020
Spectrum Analyzer	Rohde & Schwarz	FSVR	1311.006K40-10094 5-DH	Feb. 10, 2019	Feb. 09, 2020
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Jan. 27, 2019	Jan. 26, 2020
Bilog Antenna	ETS-LINDGREN	3142E	00117542	Jan. 27, 2019	Jan. 26, 2020
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar.03, 2019	Mar. 02, 2020
Horn Antenna	ETS-LINDGREN	3117	00143209	Mar.03, 2019	Mar. 02, 2020
Horn Antenna	ETS-LINDGREN	BBHA 9170	BBHA9170582	Mar.03, 2019	Mar. 02, 2020
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jul. 13, 2019	Jul. 12, 2020
Pre-amplifier	Sonoma	310N	185903	Mar.04, 2019	Mar. 03, 2020
Pre-amplifier	HP	8449B	3008A00849	Mar.03, 2019	Mar. 02, 2020
Pre-amplifier	SKET	LNPA_1840G-50	SK201904032	Jul. 27, 2019	Jul. 26, 2020
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar.03, 2019	Mar. 02, 2020
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna Conducted Emission					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 13, 2019	Jul. 12, 2020
Spectrum Analyzer	Rohde & Schwarz	ESCI	100010/007	Jul. 13, 2019	Jul. 12, 2020
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Sep. 16, 2019	Sep. 15, 2020
Vector Signal Generator	Agilent	N5182A	MY50141294	Sep. 16, 2019	Sep. 15, 2020
Analog Signal Generator	Agilent	N5181A	MY50141953	Sep. 16, 2019	Sep. 15, 2020
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17100015SNO26	Sep. 16, 2019	Sep. 15, 2020
	DARE!! Instruments	RadiPowerRPR3006W	17100015SNO29	Sep. 16, 2019	Sep. 15, 2020
	DARE!! Instruments	RadiPowerRPR3006W	17100015SNO31	Sep. 16, 2019	Sep. 15, 2020
	DARE!! Instruments	RadiPowerRPR3006W	17100015SNO33	Sep. 16, 2019	Sep. 15, 2020

## 5. Conducted Emission Test

### 4.1 Test Standard and Limit

- 4.1.1 Test Standard  
 FCC Part 15.207
- 4.1.2 Test Limit

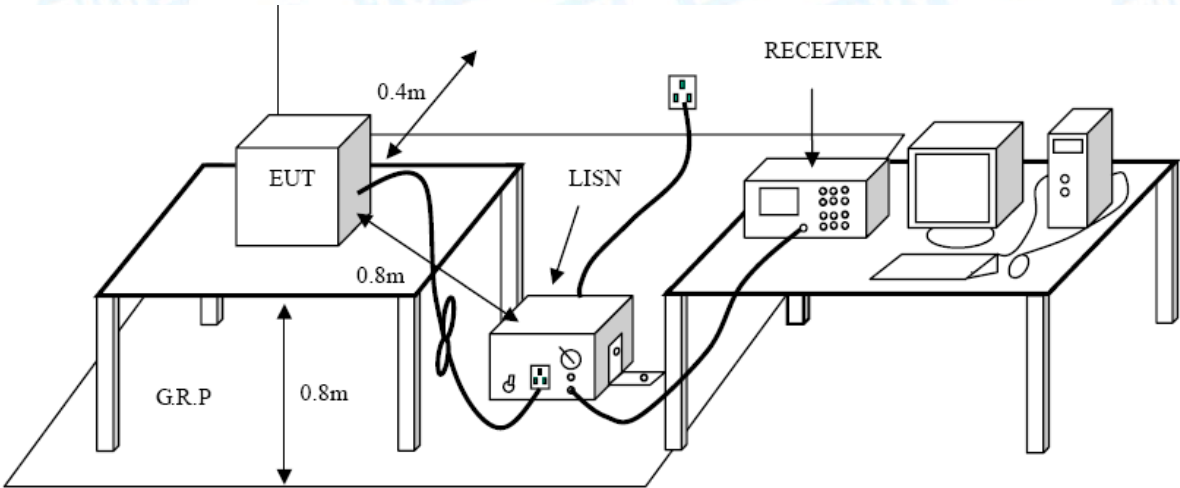
**Conducted Emission Test Limit**

Frequency	Maximum RF Line Voltage (dB $\mu$ V)	
	Quasi-peak Level	Average Level
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
500kHz~5MHz	56	46
5MHz~30MHz	60	50

Notes:

- (1) \*Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

### 4.2 Test Setup



### 4.3 Test Procedure

The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/50uH of coupling impedance for the measuring instrument.

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 to 40 cm long.

I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN at least 80 cm from nearest part of EUT chassis.

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

### 4.4 EUT Operating Mode

Please refer to the description of test mode.

### 4.5 Test Data

Please refer to the Attachment A.

## 6. Radiated Emission Test

### 5.1 Test Standard and Limit

#### 5.1.1 Test Standard

FCC Part 15.209

#### 5.1.2 Test Limit

**Radiated Emission Limits (9kHz~1000MHz)**

Frequency (MHz)	Field Strength (microvolt/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	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

**Radiated Emission Limit (Above 1000MHz)**

Frequency (MHz)	Distance Meters(at 3m)	
	Peak	Average
Above 1000	74	54

**Note:**

- (1) The tighter limit applies at the band edges.
- (2) Emission Level(dBuV/m)=20log Emission Level(uV/m)

Limits of unwanted emission out of the restricted bands

Frequency (MHz)	EIRP Limits (dBm)	Equivalent Field Strength at 3m (dBuV/m)
5150~5250	-27	68.2
5250~5350	-27	68.2
5470~5725	-27	68.2
5725~5825	-27(Note 2)	68.2
	10(Note 2)	105.3
	15.6(Note 2)	110.9
	27(Note 2)	122.2

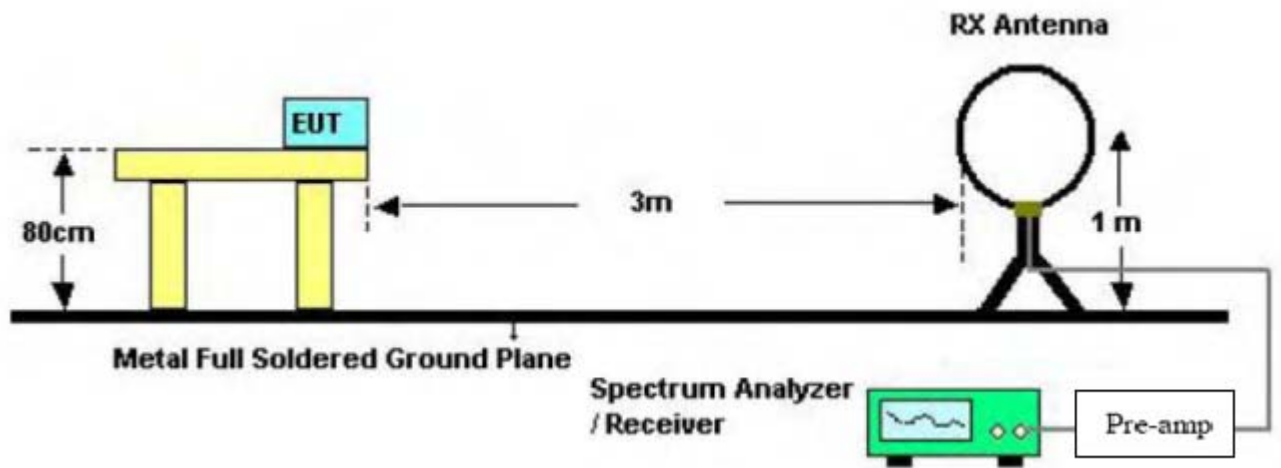
**NOTE:**

1, The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts)}$$

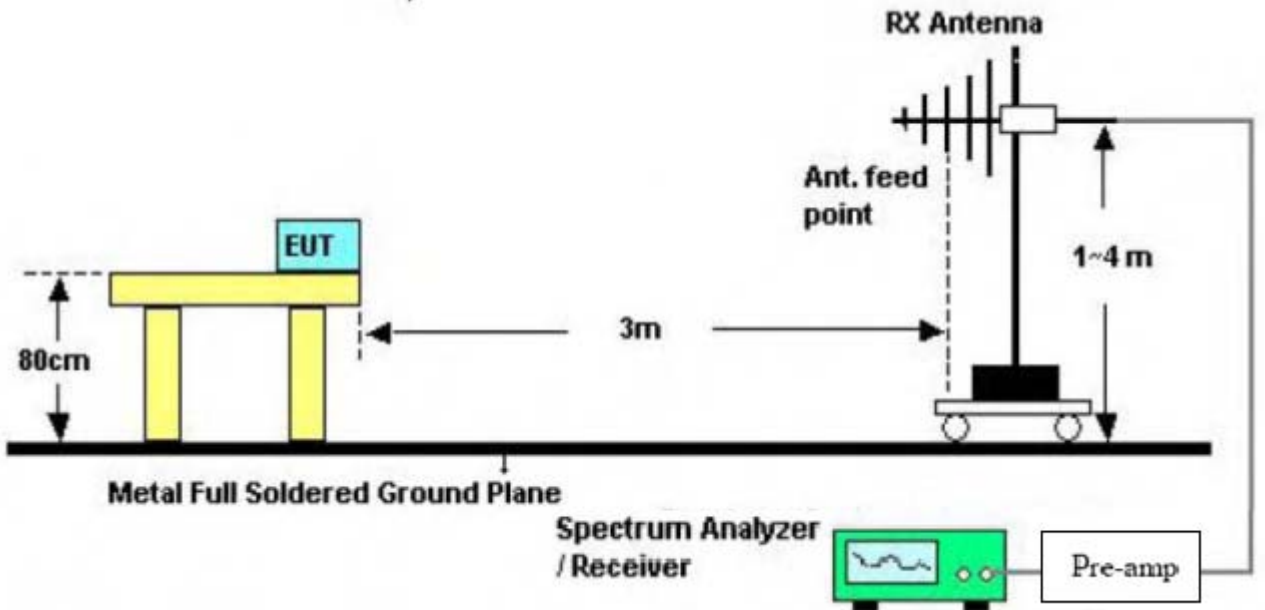
2, According to FCC 16-24, All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

**5.2 Test Setup**

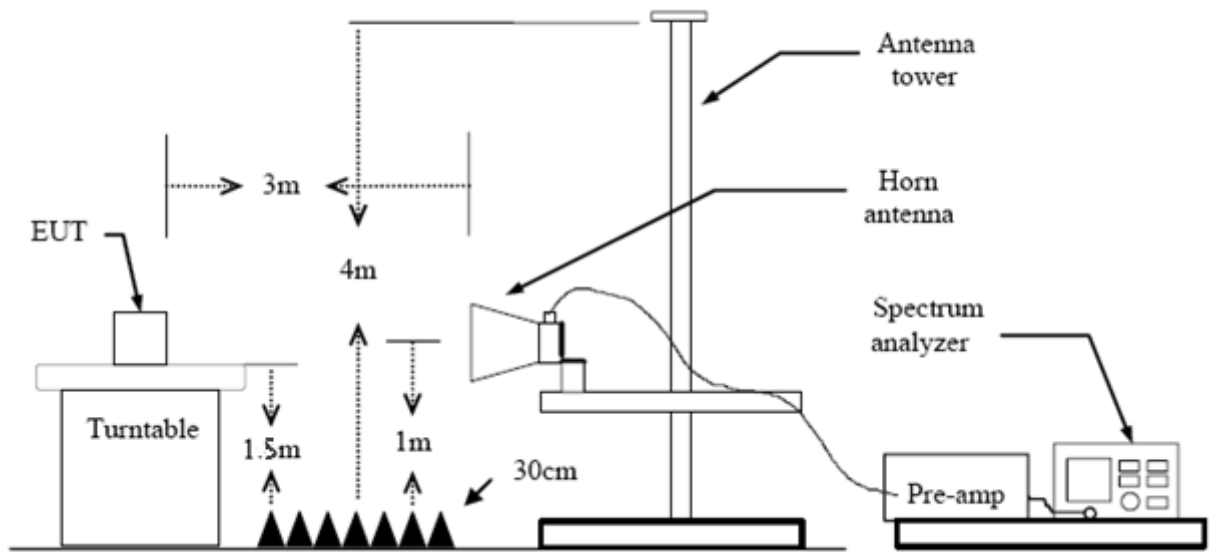


**Below 30MHz Test Setup**





Below 1000MHz Test Setup



Above 1GHz Test Setup

### 5.3 Test Procedure

- (1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz. The EUT was placed on a rotating 0.8m high above the ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by

3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.

- (3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical ANT0re set to make measurement.
- (4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

#### 5.4 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power.

#### 5.5 Test Data

Remark: During testing above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

Please refer to the Attachment B.

## 7. Band Edge Emissions

### 6.1 Test Standard and Limit

6.1.1 Test Standard  
FCC Part 15.407(b)

#### 6.1.2 Test Limit

Limits of unwanted emission out of the restricted bands

Frequency (MHz)	EIRP Limits (dBm)	Equivalent Field Strength at 3m (dBuV/m)
5150~5250	-27	68.2
5725~5825	-27(Note 2)	68.2
	10(Note 2)	105.3
	15.6(Note 2)	110.9
	27(Note 2)	122.2

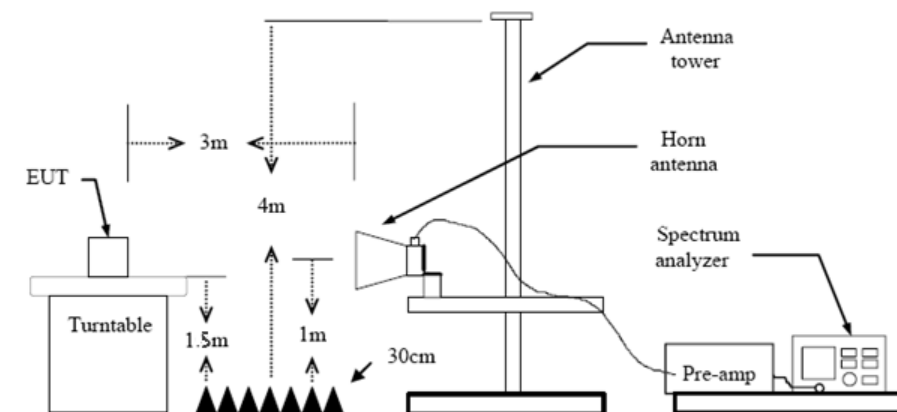
NOTE:

1, The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts)}$$

2, According to FCC 16-24, 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 25MHz 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 27dBm/MHz at the band edge.

### 6.2 Test Setup



### 6.3 Test Procedure

- (1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz. The EUT was placed on a rotating 0.8m high above the ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- (3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical ANT0re set to make measurement.
- (4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

### 6.4 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power.

### 6.5 Test Data

Please refer to the Attachment C.

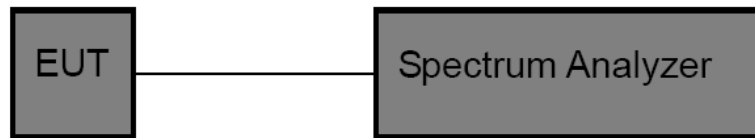
## 8. Bandwidth Test

### 7.1 Test Standard and Limit

- 7.1.1 Test Standard  
FCC Part 15.407
- 7.1.2 Test Limit

FCC Part 15 Subpart C(15.407)/RSS-210		
Test Item	Limit	Frequency Range (MHz)
26 Bandwidth	N/A	5150~5250
6 dB Bandwidth	>500kHz	5725~5850

### 7.2 Test Setup



### 7.3 Test Procedure

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) The setting of the spectrum analyser as below:

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

6dB Bandwidth Test	
Spectrum Parameters	Setting
Attenuation	Auto
Span	>6 dB Bandwidth
RBW	100 kHz
VBW	VBW $\geq$ 3*RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto
99% Occupied Bandwidth Test	
Spectrum Parameters	Setting
Attenuation	Auto
RBW	1% to 5% of the OBW
VBW	$\geq$ 3RBW
Detector	Peak
Trace	Max Hold

#### 7.4 EUT Operating Condition

The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

#### 7.5 Test Data

Please refer to the Attachment D.

## 9. Output Power Test

### 8.1 Test Standard and Limit

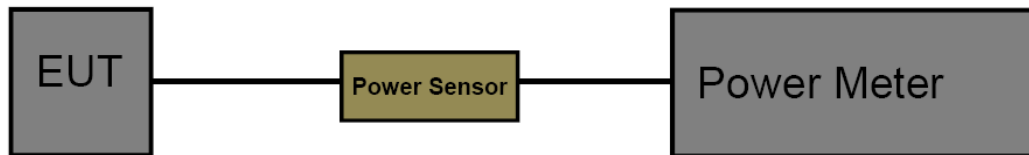
#### 8.1.1 Test Standard

FCC Part 15.407 (a)

#### 8.1.2 Test Limit

FCC Part 15 Subpart E(15.407)/RSS-210		
Test Item	Limit	Frequency Range(MHz)
Conducted Output Power	Fixed: 1 Watt (30dBm) Mobile and Portable: 250mW (24dBm)	5150~5250
	1 Watt (30dBm)	5725~5850

### 8.2 Test Setup



### 8.3 Test Procedure

The measurement is according to section 3 of KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

The EUT was connected to RF power meter via a broadband power sensor as show the block above.

### 8.4 EUT Operating Condition

The EUT was set to continuously transmitting in the max power during the test.

### 8.5 Test Date

Please refer to the Attachment E.

## 10. Power Spectral Density Test

### 9.1 Test Standard and Limit

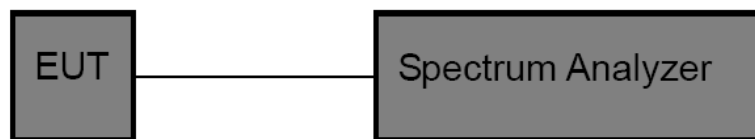
#### 9.1.1 Test Standard

FCC Part 15.407 (a)

#### 9.1.2 Test Limit

FCC Part 15 Subpart E(15.407)		
Test Item	Limit	Frequency Range(MHz)
Power Spectral Density	Other than Mobile and Portable : 17dBm/MHz Mobile and Portable : 11dBm/MHz	5150~5250
	30dBm/500kHz	5725~5850

### 9.2 Test Setup



### 9.3 Test Procedure

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement is according to KDB 789033 D02 General UNII Test Procedures New Rules V02r01.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyser centre frequency to transmitting frequency.
- (3) Set the span to encompass the entire emissions bandwidth (EBW)(alternatively, the entire 99% OBW) of the signal.
- (4) Set the RBW to: 1 MHz
- (5) Set the VBW to: 3 MHz
- (6) Detector: RMS
- (7) Trace: Max Hold
- (7) Sweep time: auto
- (8) Trace average at least 100 traces in power averaging.
- (9) User the peak marker function to determine the maximum amplitude level within the RBW.  
Apply correction to the result if different RBW is used.



## 9.4 EUT Operating Condition

The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

## 9.5 Test Data

Please refer to the Attachment F.

## 11. Frequency Stability Measurement

### 10.1 Test Standard and Limit

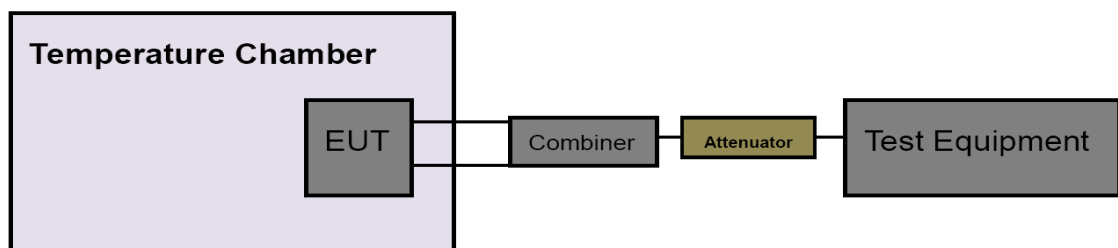
#### 10.1.1 Test Standard

FCC Part 15.407

#### 10.1.2 Test Limit

FCC Part 15 Subpart C(15.407)		
Test Item	Limit	Frequency Range(MHz)
Peak Excursion Measurement	Specified in the user's manual, the transmitter center frequency tolerance shall be $\pm 20$ ppm maximum for the 5 GHz band (IEEE 802.11n specification)	5150~5250
		5725~5850

### 10.2 Test Setup



### 10.3 Test Procedure

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyser centre frequency to transmitting frequency.
- (3) Set the span to encompass the entire emissions bandwidth (EBW) of the signal.
- (4) Set the RBW to: 10 kHz, VBW=10 kHz with peak detector and maxhold settings.
- (5) The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
- (6) Extreme temperature is 0°C~50°C

### 10.4 EUT Operating Condition

The EUT was set to continuously transmitting in continuously un-modulation transmitting mode.

## 10.5 Test Data

Please refer to the Attachment G.

## 12. Antenna Requirement

### 11.1 Standard Requirement

#### 11.1.1 Standard

FCC Part 15.203

#### 11.1.2 Requirement

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

### 11.2 Antenna Connected Construction

The directional gains of the antenna used for transmitting is 5 dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

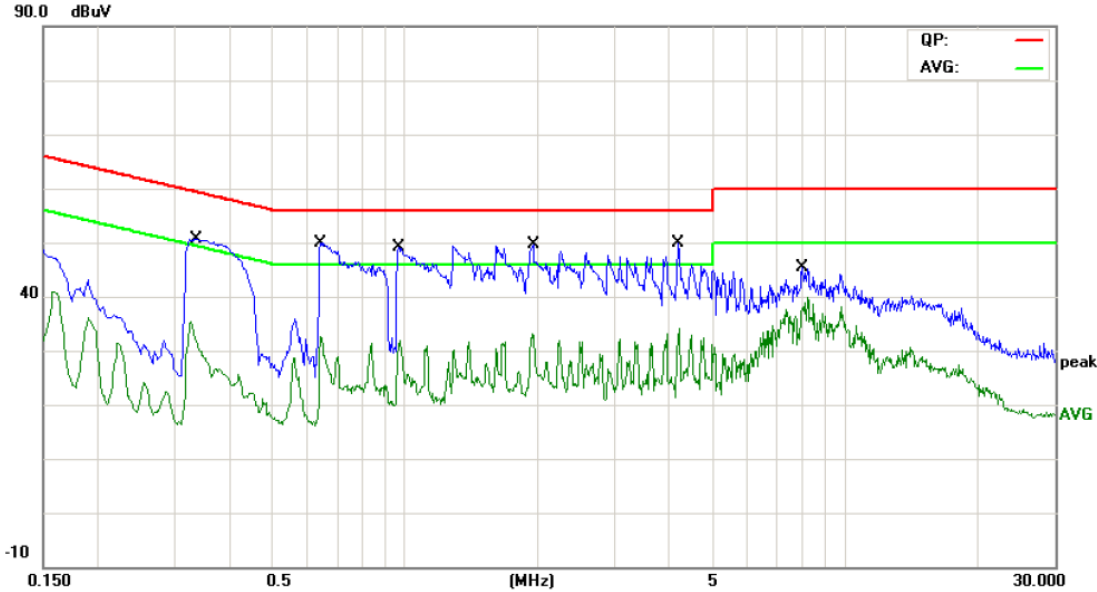
### 11.3 Result

The EUT antennas are Reverse SMA Antenna. It complies with the standard requirement.

Antenna Type
<input type="checkbox"/> Permanent attached antenna
<input checked="" type="checkbox"/> Unique connector antenna
<input type="checkbox"/> Professional installation antenna

### Attachment A-- Conducted Emission Test Data

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60 Hz		
<b>Terminal:</b>	Line		
<b>Test Mode:</b>	TX 802.11a Mode CH38		
<b>Remark:</b>	Only worse case is reported		

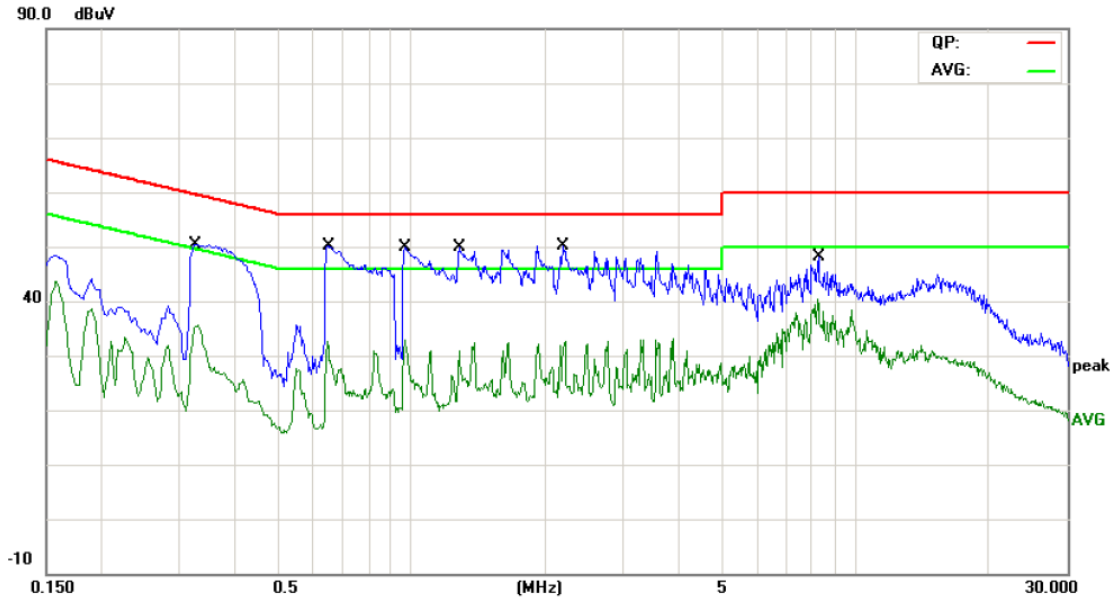


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.3339	39.07	9.72	48.79	59.35	-10.56	QP
2		0.3339	20.85	9.72	30.57	49.35	-18.78	AVG
3	*	0.6419	38.67	9.77	48.44	56.00	-7.56	QP
4		0.6419	20.57	9.77	30.34	46.00	-15.66	AVG
5		0.9660	37.39	9.63	47.02	56.00	-8.98	QP
6		0.9660	19.85	9.63	29.48	46.00	-16.52	AVG
7		1.9580	33.94	9.86	43.80	56.00	-12.20	QP
8		1.9580	21.24	9.86	31.10	46.00	-14.90	AVG
9		4.1620	26.75	9.82	36.57	56.00	-19.43	QP
10		4.1620	12.44	9.82	22.26	46.00	-23.74	AVG
11		8.0020	31.11	9.86	40.97	60.00	-19.03	QP
12		8.0020	27.69	9.86	37.55	50.00	-12.45	AVG

\*:Maximum data    x:Over limit    !:over margin

**Emission Level= Read Level+ Correct Factor**

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60 Hz		
<b>Terminal:</b>	Neutral		
<b>Test Mode:</b>	TX 802.11a Mode CH38		
<b>Remark:</b>	Only worse case is reported		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.3260	38.99	9.72	48.71	59.55	-10.84	QP
2		0.3260	24.63	9.72	34.35	49.55	-15.20	AVG
3	*	0.6500	38.10	9.77	47.87	56.00	-8.13	QP
4		0.6500	20.14	9.77	29.91	46.00	-16.09	AVG
5		0.9660	38.23	9.63	47.86	56.00	-8.14	QP
6		0.9660	21.64	9.63	31.27	46.00	-14.73	AVG
7		1.2820	36.32	9.67	45.99	56.00	-10.01	QP
8		1.2820	16.77	9.67	26.44	46.00	-19.56	AVG
9		2.1940	28.37	9.85	38.22	56.00	-17.78	QP
10		2.1940	12.87	9.85	22.72	46.00	-23.28	AVG
11		8.2739	32.39	9.86	42.25	60.00	-17.75	QP
12		8.2739	28.99	9.86	38.85	50.00	-11.15	AVG

\*:Maximum data    x:Over limit    !:over margin

**Emission Level= Read Level+ Correct Factor**

Remark: All modes and channels have been tested and only listed WiFi link mode that is worst data

# Attachment B-- Radiated Emission Test Data

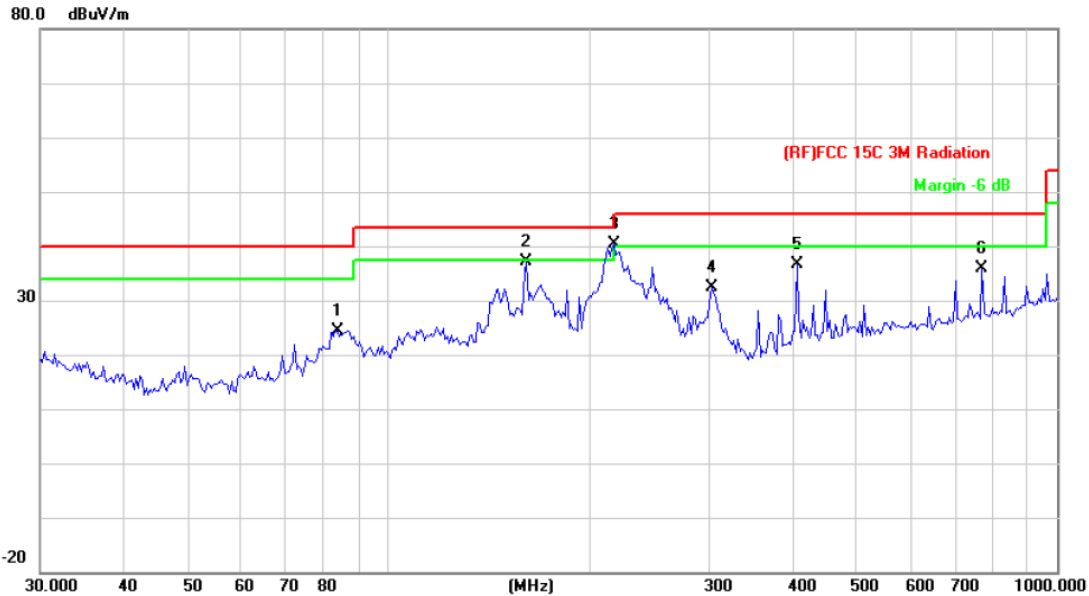
## 9 KHz~30 MHz

From 9 KHz to 30 MHz: Conclusion: PASS

Note: The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

## 30MHz~1GHz

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11a Mode 5180MHz (U-NII-1)		
<b>Remark:</b>	Only worse case is reported		

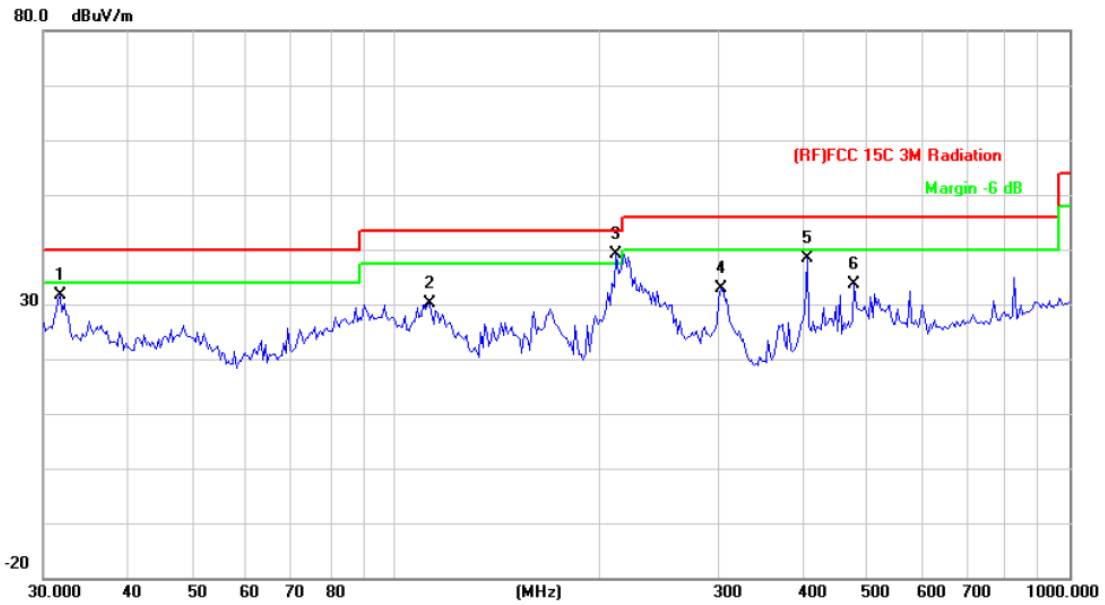


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		83.5222	46.81	-22.36	24.45	40.00	-15.55	QP
2		160.3456	57.93	-20.84	37.09	43.50	-6.41	QP
3	*	216.7828	59.41	-18.94	40.47	46.00	-5.53	QP
4		303.5437	48.28	-15.87	32.41	46.00	-13.59	QP
5		407.5145	48.64	-12.05	36.59	46.00	-9.41	QP
6		771.4486	41.98	-6.01	35.97	46.00	-10.03	QP

\*:Maximum data    x:Over limit    !:over margin

**Emission Level= Read Level+ Correct Factor**

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5180MHz (U-NII-1)		
<b>Remark:</b>	Only worse case is reported		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		31.7313	45.90	-14.32	31.58	40.00	-8.42	QP
2		112.1305	52.49	-22.44	30.05	43.50	-13.45	QP
3	*	212.2695	58.34	-19.20	39.14	43.50	-4.36	QP
4		303.5437	48.82	-15.87	32.95	46.00	-13.05	QP
5		407.5145	50.39	-12.05	38.34	46.00	-7.66	QP
6		478.8456	44.60	-10.97	33.63	46.00	-12.37	QP

\*:Maximum data    x:Over limit    !:over margin

**Emission Level= Read Level+ Correct Factor**



**Above 1GHz**

Test Mode: U-NII 1 &amp; 802.11ac(VHT20) Mode

5180MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	Correction Factor (dB/m)	Emission Level	Peak limit (dBμV/m)	Peak Margin (dB)
				Peak (dBμV/m)		
10360	H	38.39	20.50	58.89	68.2	-9.31
15540	H	34.12	23.49	57.61	68.2	-10.59
---	H	---	---	---	---	---
10360	V	37.69	20.50	58.19	68.2	-10.01
15540	V	34.01	23.49	57.5	68.2	-10.7
---	V	---	---	---	---	---
5200MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	Correction Factor (dB/m)	Emission Level	Peak limit (dBμV/m)	Peak Margin (dB)
				Peak (dBμV/m)		
10400	H	36.69	20.53	57.22	68.2	-10.98
15600	H	33.06	23.53	56.59	68.2	-11.61
---	H	---	---	---	---	---
10400	V	37.19	20.53	57.72	68.2	-10.48
15600	V	32.78	23.53	56.31	68.2	-11.89
---	V	---	---	---	---	---
5240MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBμV)	Correction Factor (dB/m)	Emission Level	Peak limit (dBμV/m)	Peak Margin (dB)
				Peak (dBμV/m)		
10480	H	36.90	20.68	57.58	68.2	-10.62
15720	H	33.01	23.70	56.71	68.2	-11.49
---	H	---	---	---	---	---
10480	V	36.70	20.5	57.2	68.2	-11.00
15720	V	33.32	23.70	57.02	68.2	-11.18
---	V	---	---	---	---	---

**Note:**

1. Emission Level= Read Level+ Correct Factor
2. The emission levels of other frequencies are very lower than the limit and not show in test report.
3. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.
4. Data of measurement shown "----" in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.
5. All modes are tested, showing only the worst patterns in the report.

## Test Mode: U-NII 3 &amp; 802.11n(HT20) Mode

5745MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dB $\mu$ V)	Correction Factor (dB/m)	Emission Level	Peak limit (dB $\mu$ V/m)	Peak Margin (dB)
				Peak (dB $\mu$ V/m)		
11490	H	36.84	21.81	58.65	68.2	-9.55
17235	H	33.13	24.74	57.87	68.2	-10.33
---	H	---	---	---	---	---
11490	V	36.13	21.81	57.94	68.2	-10.26
17235	V	33.42	24.74	58.16	68.2	-10.04
---	V	---	---	---	---	---
5785MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dB $\mu$ V)	Correction Factor (dB/m)	Emission Level	Peak limit (dB $\mu$ V/m)	Peak Margin (dB)
				Peak (dB $\mu$ V/m)		
11570	H	36.03	21.60	57.63	68.2	-10.57
17355	H	33.29	24.47	57.76	68.2	-10.44
---	H	---	---	---	---	---
11570	V	36.18	21.60	57.78	68.2	-10.42
17355	V	33.07	24.47	57.54	68.2	-10.66
---	V	---	---	---	---	---
5825MHz						
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dB $\mu$ V)	Correction Factor (dB/m)	Emission Level	Peak limit (dB $\mu$ V/m)	Peak Margin (dB)
				Peak (dB $\mu$ V/m)		
11650	H	36.44	21.88	58.32	68.2	-9.88
17475	H	33.43	24.80	58.23	68.2	-9.97
---	H	---	---	---	---	---
11650	V	36.94	21.88	58.82	68.2	-9.38
17475	V	33.65	24.80	58.45	68.2	-9.75
---	V	---	---	---	---	---

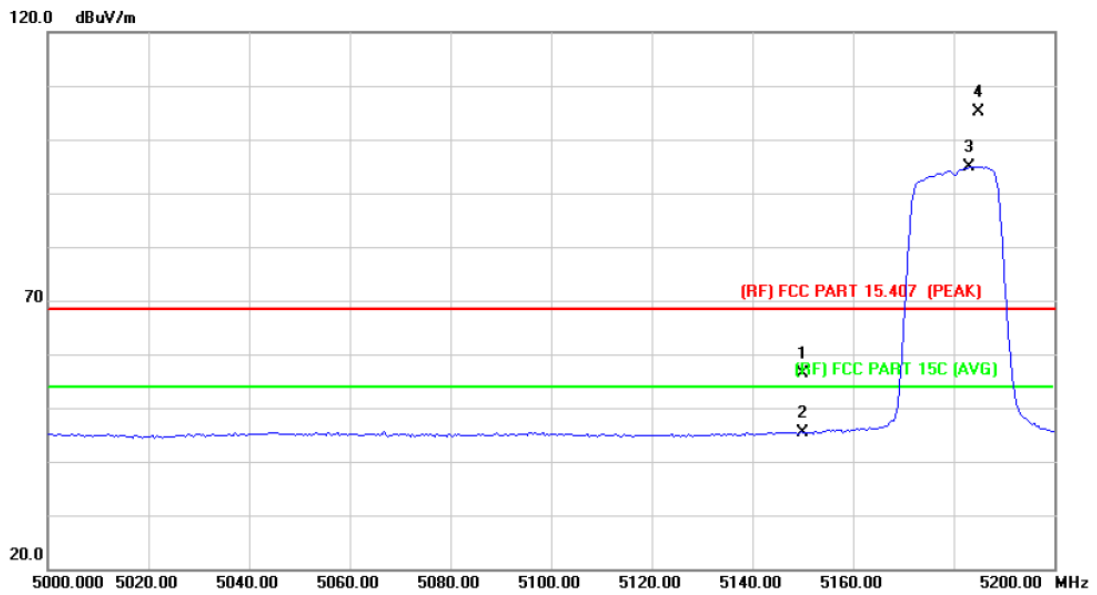
## Note:

6. Emission Level= Read Level+ Correct Factor
7. The emission levels of other frequencies are very lower than the limit and not show in test report.
8. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.
9. Data of measurement shown "----" in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.
10. All modes are tested, showing only the worst patterns in the report.

## Attachment C-- Band Edge Emissions Test Data

### (1) Radiation Test

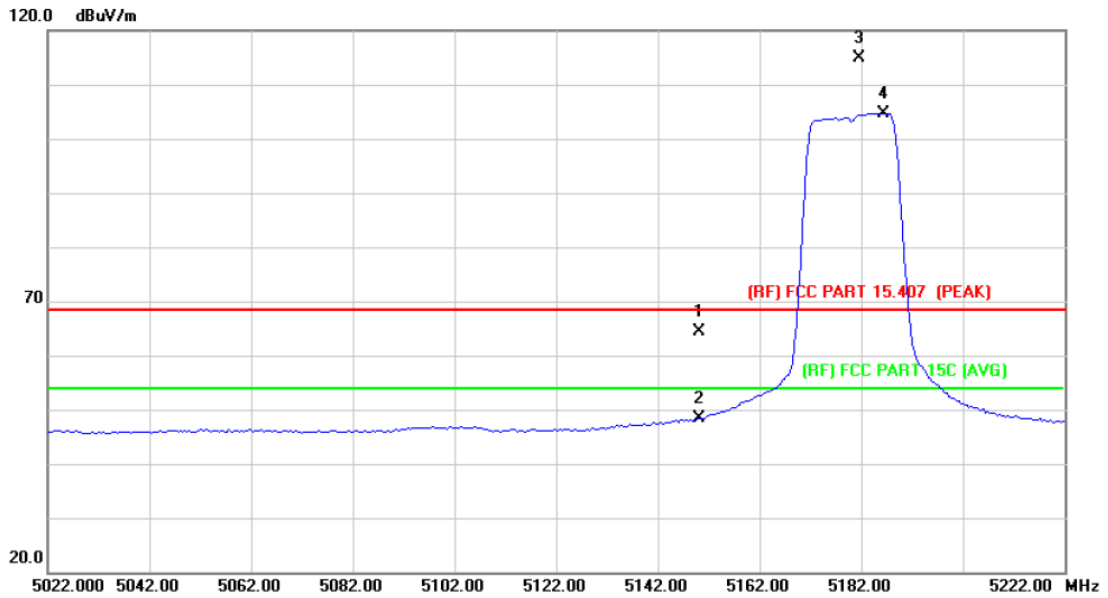
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180 MHz (U-NII-1) ANTO		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	39.67	16.61	56.28	68.30	-12.02	peak
2		5150.000	28.77	16.61	45.38	54.00	-8.62	AVG
3	*	5183.200	78.19	16.65	94.84	Fundamental Frequency		AVG
4	X	5184.800	88.44	16.65	105.09	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

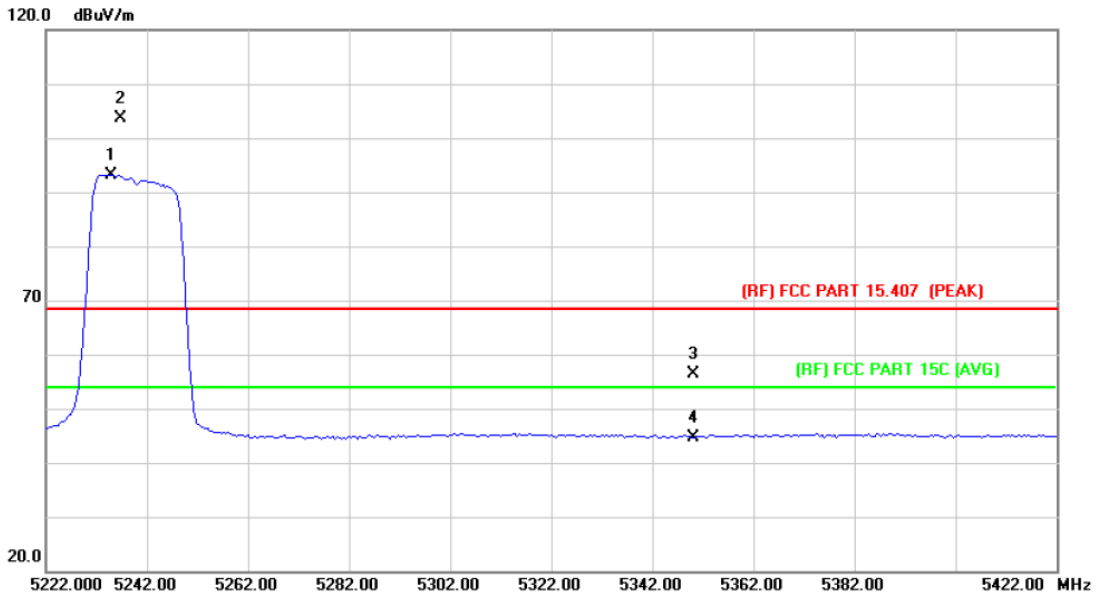
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5180 MHz (U-NII-1) ANT0		
<b>Remark:</b>			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		5150.000	47.83	16.61	64.44	68.30	-3.86	peak
2		5150.000	31.67	16.61	48.28	54.00	-5.72	AVG
3	X	5181.600	98.27	16.64	114.91	Fundamental Frequency		peak
4	*	5186.400	88.02	16.65	104.67	Fundamental Frequency		AVG

**Emission Level= Read Level+ Correct Factor**

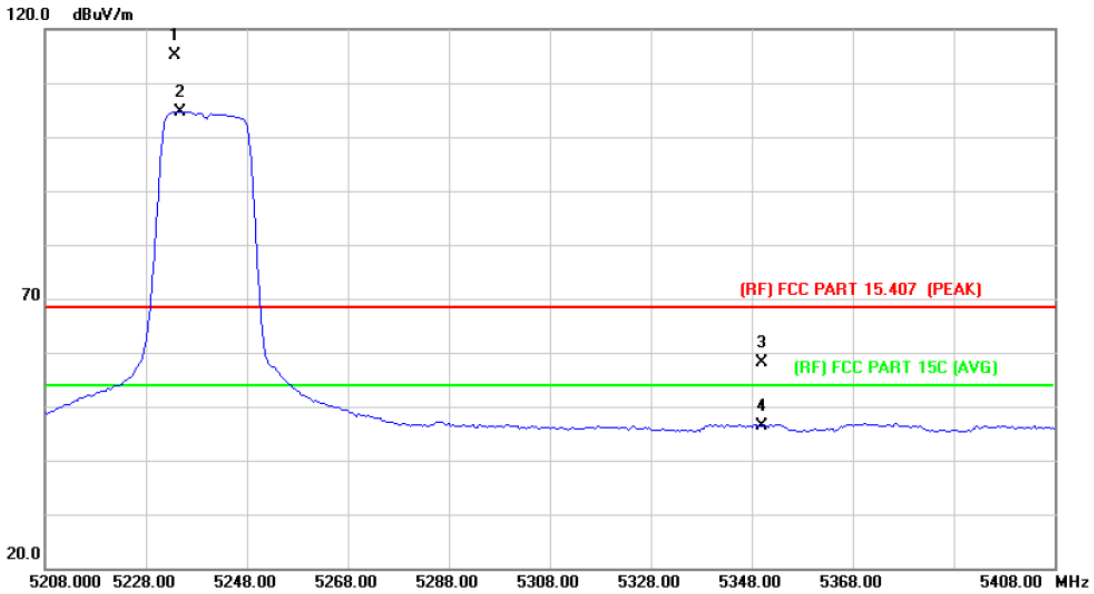
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11a Mode 5240 MHz (U-NII-1) ANT0		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5234.800	76.43	16.70	93.13	Fundamental Frequency		AVG
2	X	5236.800	86.99	16.70	103.69	Fundamental Frequency		peak
3		5350.000	39.56	16.83	56.39	68.30	-11.91	peak
4		5350.000	27.89	16.83	44.72	54.00	-9.28	AVG

Emission Level= Read Level+ Correct Factor

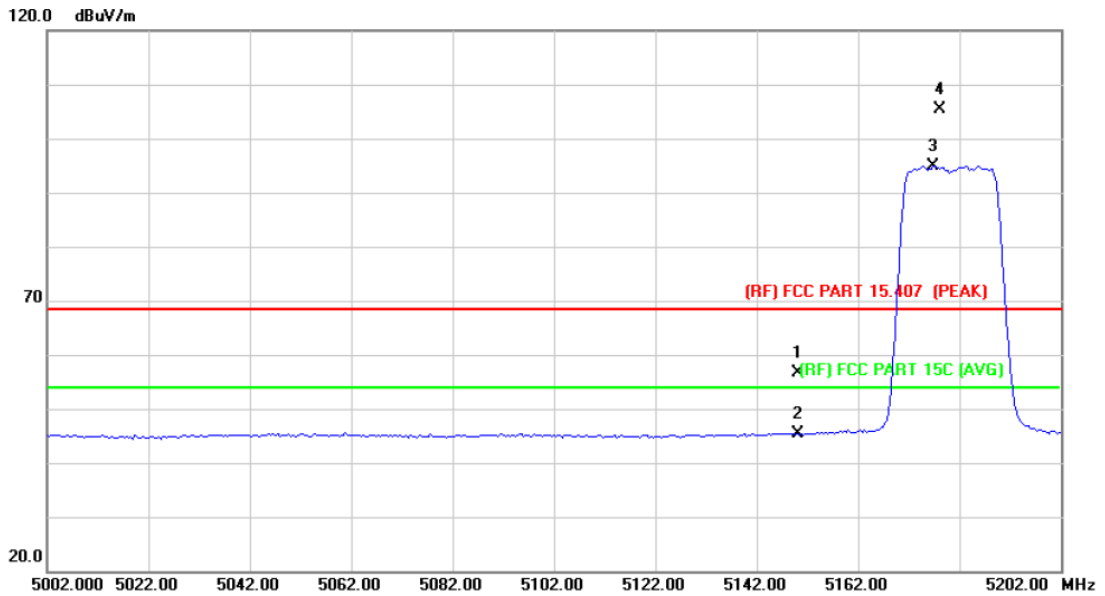
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5240 MHz (U-NII-1) ANT0		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5233.600	98.36	16.70	115.06	Fundamental Frequency		peak
2	*	5234.800	87.95	16.70	104.65	Fundamental Frequency		AVG
3		5350.000	41.22	16.83	58.05	68.30	-10.25	peak
4		5350.000	29.64	16.83	46.47	54.00	-7.53	AVG

Emission Level= Read Level+ Correct Factor

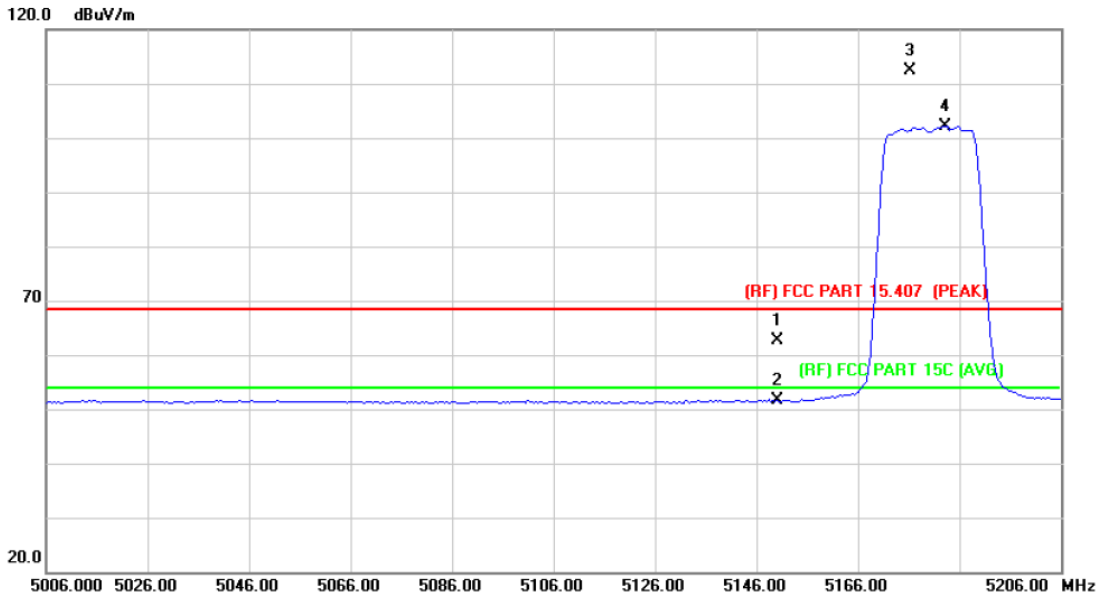
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5180 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		5150.000	39.97	16.61	56.58	68.30	-11.72	peak
2		5150.000	28.70	16.61	45.31	54.00	-8.69	AVG
3	*	5176.800	78.22	16.64	94.86	Fundamental Frequency		AVG
4	X	5178.000	88.75	16.65	105.40	Fundamental Frequency		peak

**Emission Level= Read Level+ Correct Factor**

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5180 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			

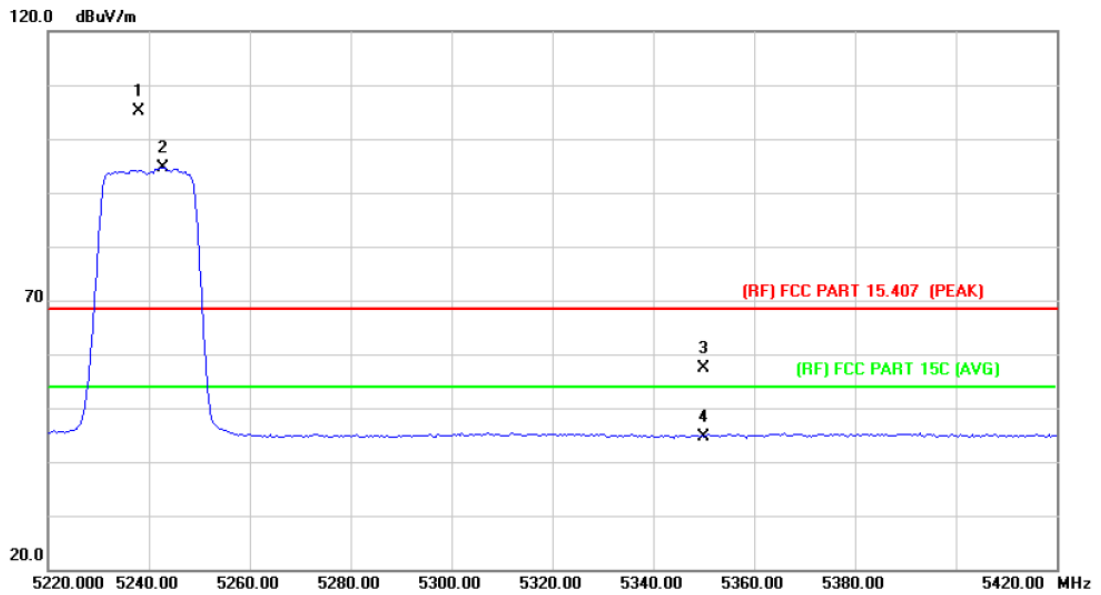


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	46.14	16.61	62.75	68.30	-5.55	peak
2		5150.000	34.94	16.61	51.55	54.00	-2.45	AVG
3	X	5176.400	95.67	16.64	112.31	Fundamental Frequency		peak
4	*	5183.200	85.48	16.65	102.13	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor



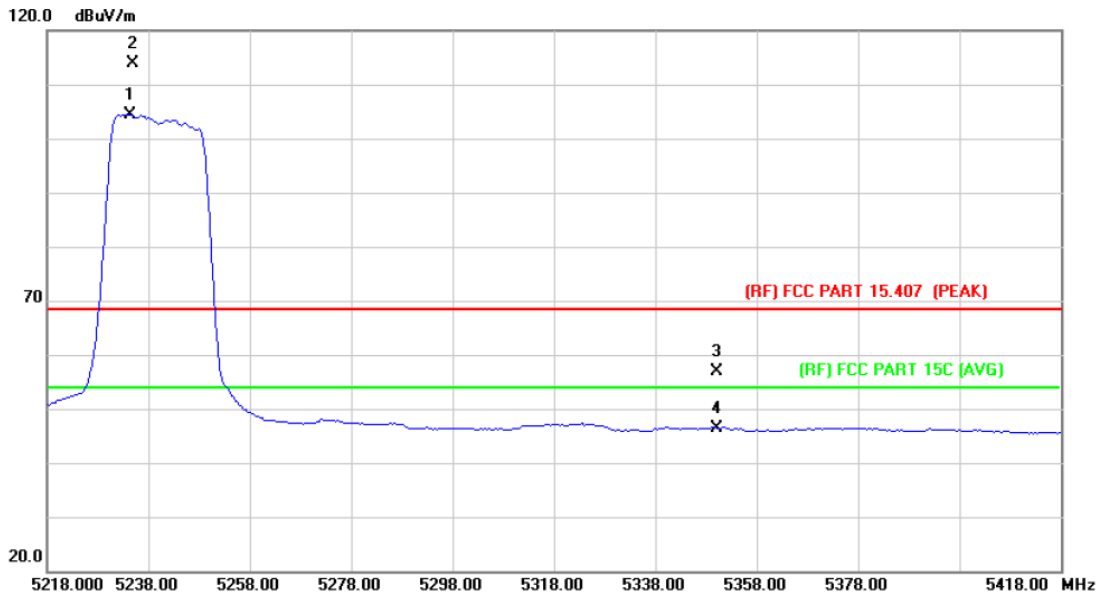
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5240 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5238.000	88.40	16.70	105.10	Fundamental Frequency		peak
2	*	5242.800	77.87	16.72	94.59	Fundamental Frequency		AVG
3		5350.000	40.53	16.83	57.36	68.30	-10.94	peak
4		5350.000	27.79	16.83	44.62	54.00	-9.38	AVG

Emission Level= Read Level+ Correct Factor

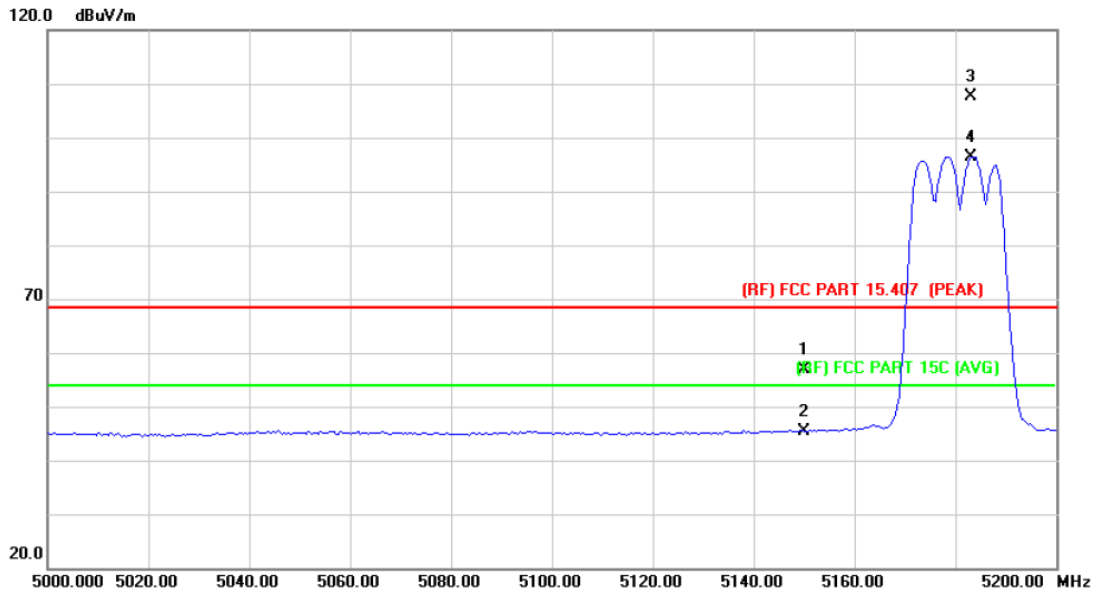
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5240 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5234.400	87.79	16.70	104.49	Fundamental Frequency		AVG
2	X	5234.800	97.24	16.70	113.94	Fundamental Frequency		peak
3		5350.000	39.96	16.83	56.79	68.30	-11.51	peak
4		5350.000	29.58	16.83	46.41	54.00	-7.59	AVG

Emission Level= Read Level+ Correct Factor

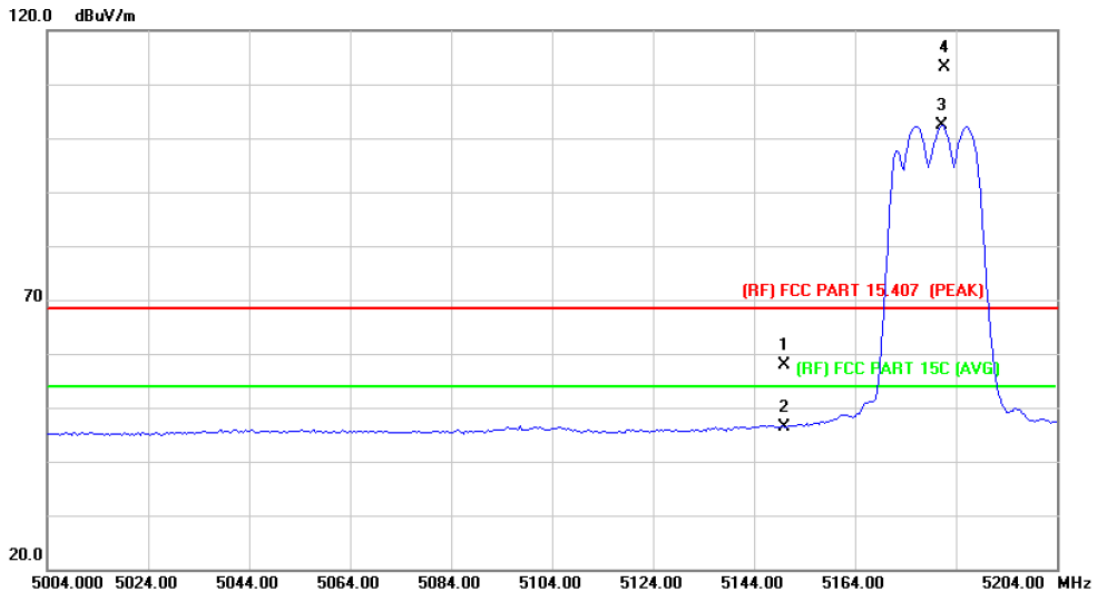
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5180 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	40.21	16.61	56.82	68.30	-11.48	peak
2		5150.000	28.72	16.61	45.33	54.00	-8.67	AVG
3	X	5183.200	91.01	16.65	107.66	Fundamental Frequency		peak
4	*	5183.200	79.85	16.65	96.50	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

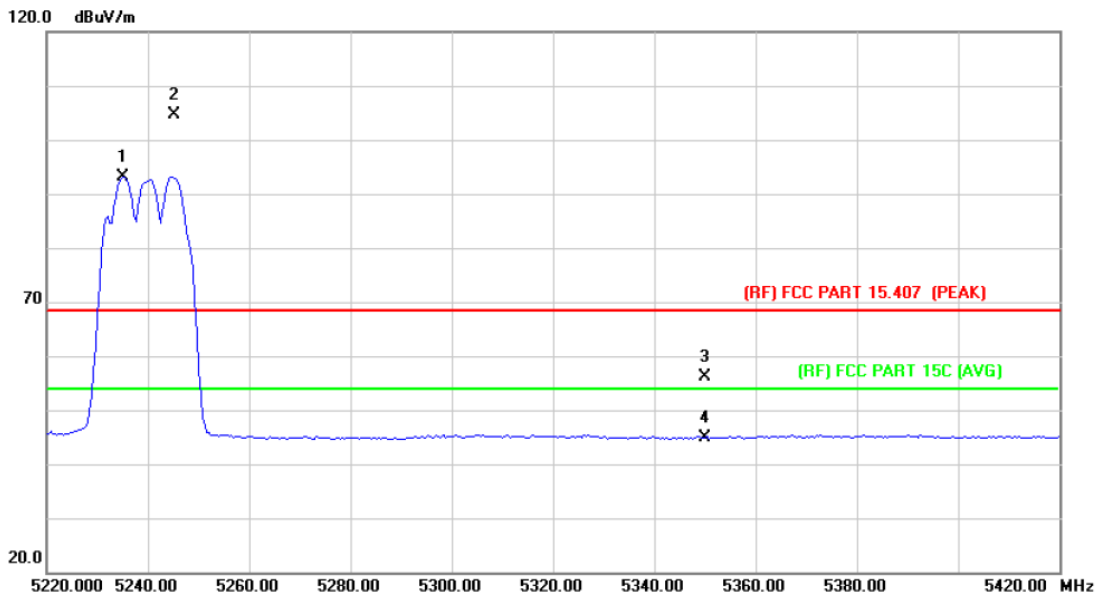
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5180 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	41.19	16.61	57.80	68.30	-10.50	peak
2		5150.000	29.72	16.61	46.33	54.00	-7.67	AVG
3	*	5181.200	85.69	16.65	102.34	Fundamental Frequency		AVG
4	X	5181.600	96.56	16.64	113.20	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

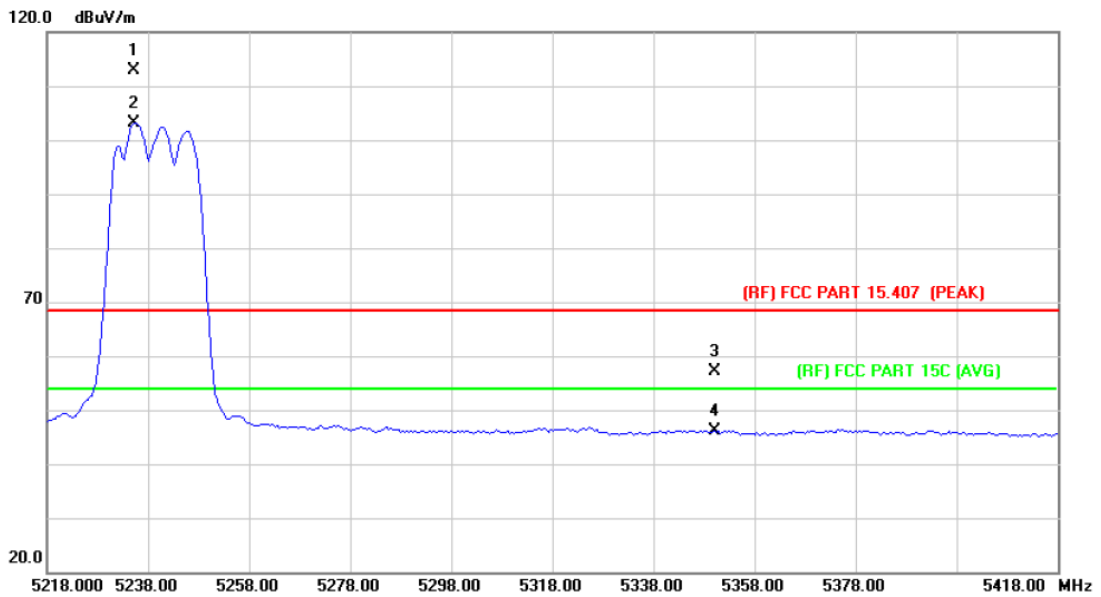
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5240 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5235.200	76.41	16.70	93.11	Fundamental Frequency		AVG
2	X	5245.200	87.84	16.71	104.55	Fundamental Frequency		peak
3		5350.000	39.25	16.83	56.08	68.30	-12.22	peak
4		5350.000	28.01	16.83	44.84	54.00	-9.16	AVG

**Emission Level= Read Level+ Correct Factor**

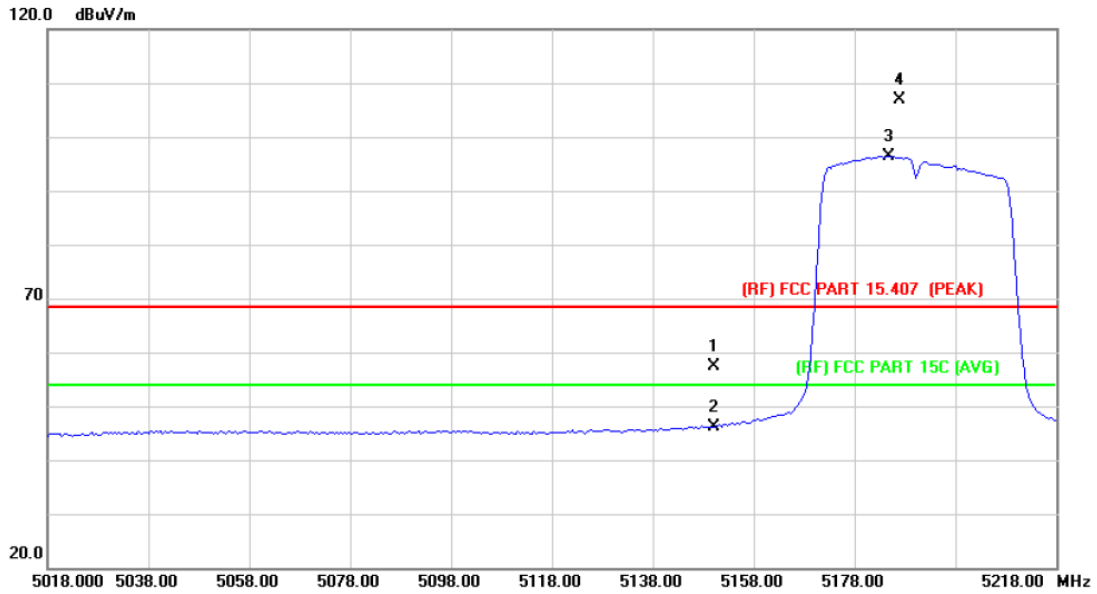
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5240 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5235.200	96.18	16.70	112.88	Fundamental Frequency		peak
2	*	5235.200	86.42	16.70	103.12	Fundamental Frequency		AVG
3		5350.000	40.26	16.83	57.09	68.30	-11.21	peak
4		5350.000	29.21	16.83	46.04	54.00	-7.96	AVG

**Emission Level= Read Level+ Correct Factor**

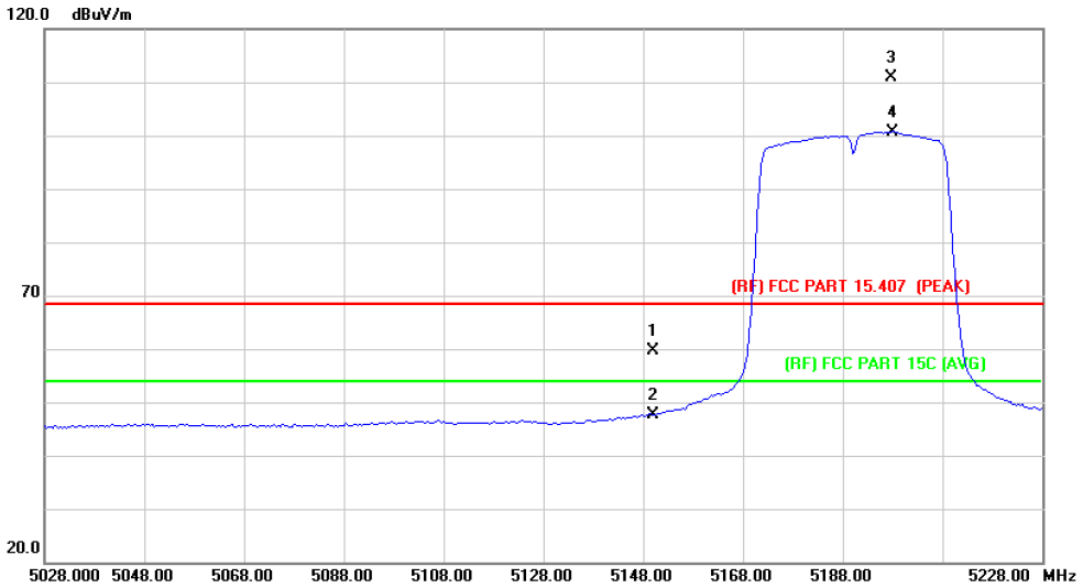
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5190 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	40.80	16.61	57.41	68.30	-10.89	peak
2		5150.000	29.47	16.61	46.08	54.00	-7.92	AVG
3	*	5184.800	79.67	16.65	96.32	Fundamental Frequency		AVG
4	X	5186.800	90.16	16.65	106.81	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5190 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			

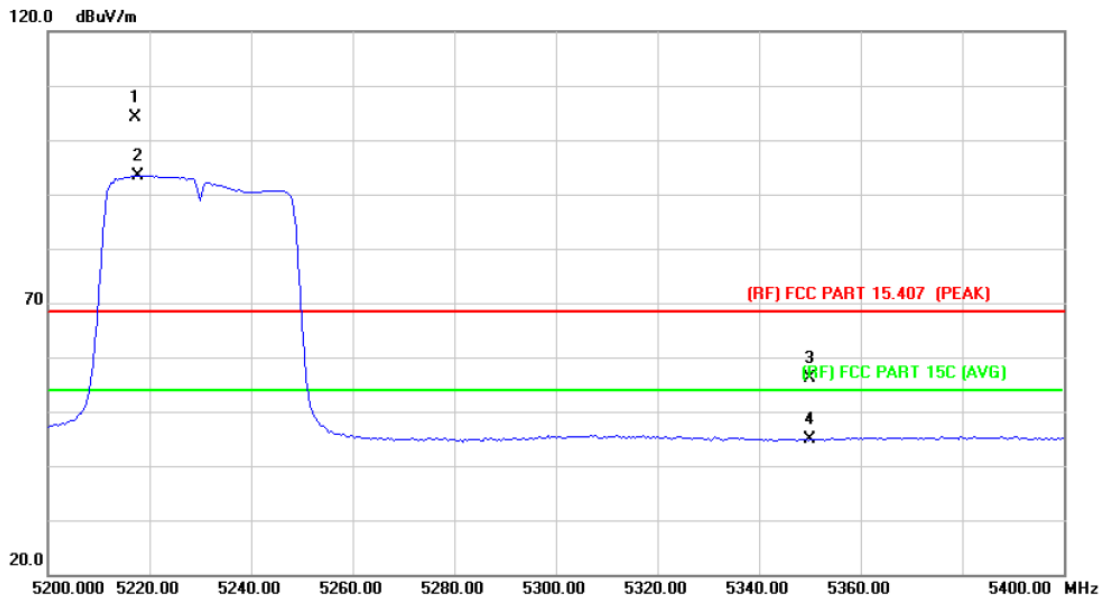


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		5150.000	43.00	16.61	59.61	68.30	-8.69	peak
2		5150.000	31.08	16.61	47.69	54.00	-6.31	AVG
3	X	5197.600	94.34	16.66	111.00	Fundamental Frequency		peak
4	*	5198.000	84.09	16.66	100.75	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor



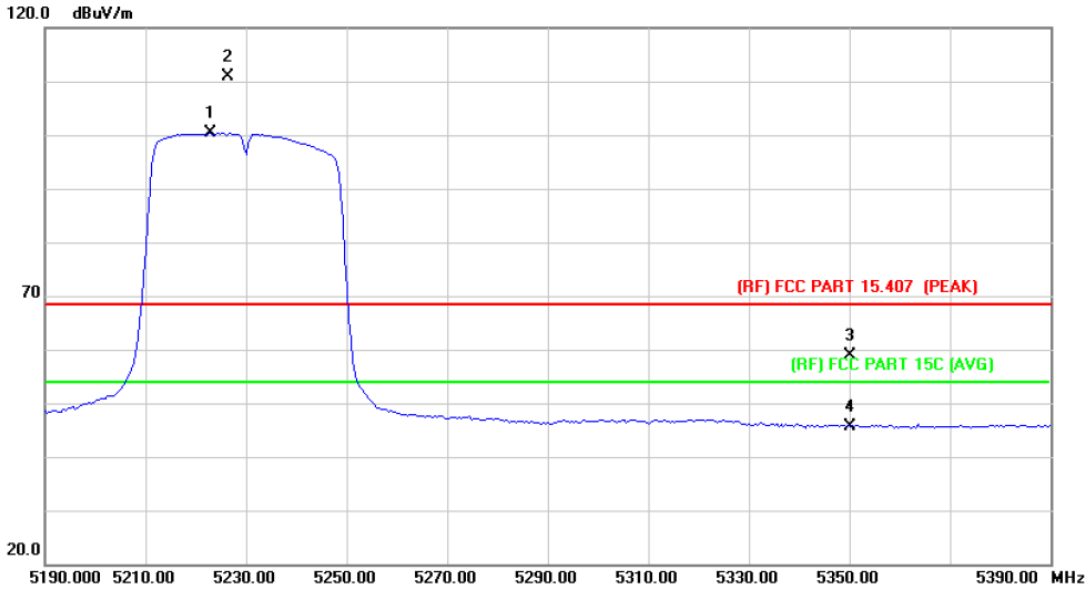
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5230 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5217.200	87.46	16.68	104.14	Fundamental Frequency		peak
2	*	5217.600	76.80	16.68	93.48	Fundamental Frequency		AVG
3		5350.000	39.40	16.83	56.23	68.30	-12.07	peak
4		5350.000	28.05	16.83	44.88	54.00	-9.12	AVG

Emission Level= Read Level+ Correct Factor

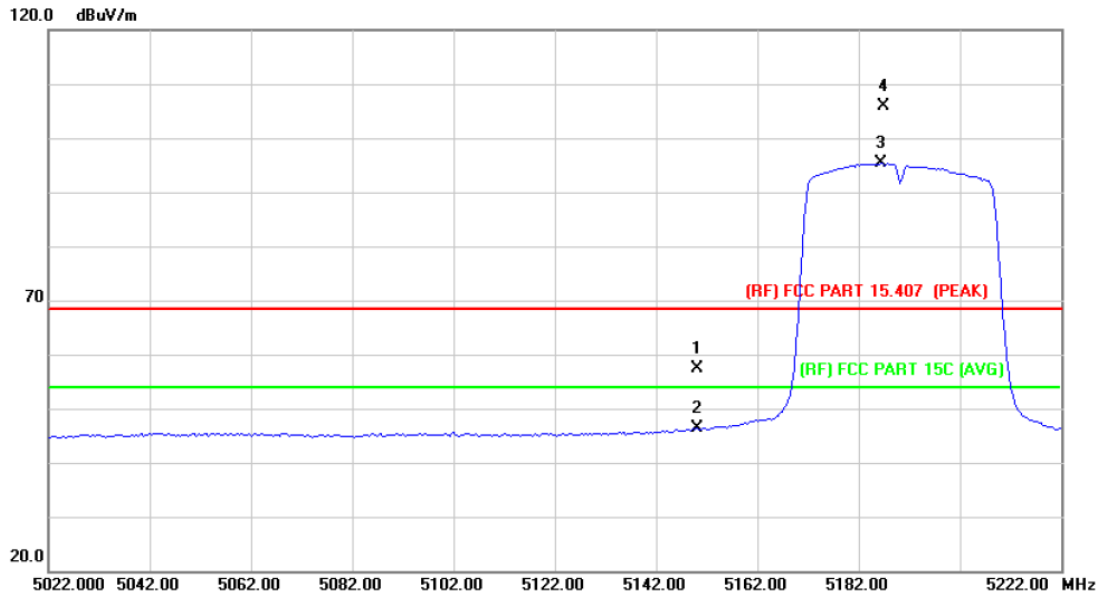
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5230 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5222.800	83.63	16.69	100.32	Fundamental Frequency		AVG
2	X	5226.400	94.08	16.70	110.78	Fundamental Frequency		peak
3		5350.000	42.14	16.83	58.97	68.30	-9.33	peak
4		5350.000	28.84	16.83	45.67	54.00	-8.33	AVG

Emission Level= Read Level+ Correct Factor

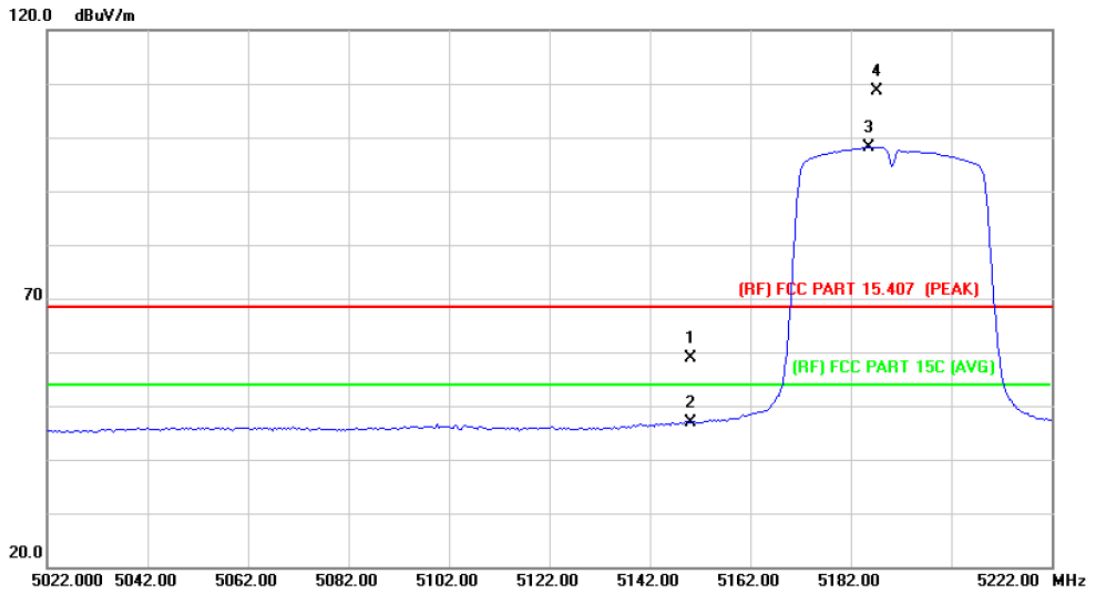
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5190 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	40.65	16.61	57.26	68.30	-11.04	peak
2		5150.000	29.74	16.61	46.35	54.00	-7.65	AVG
3	*	5186.400	78.69	16.65	95.34	Fundamental Frequency		AVG
4	X	5186.800	89.12	16.65	105.77	Fundamental Frequency		peak

**Emission Level= Read Level+ Correct Factor**

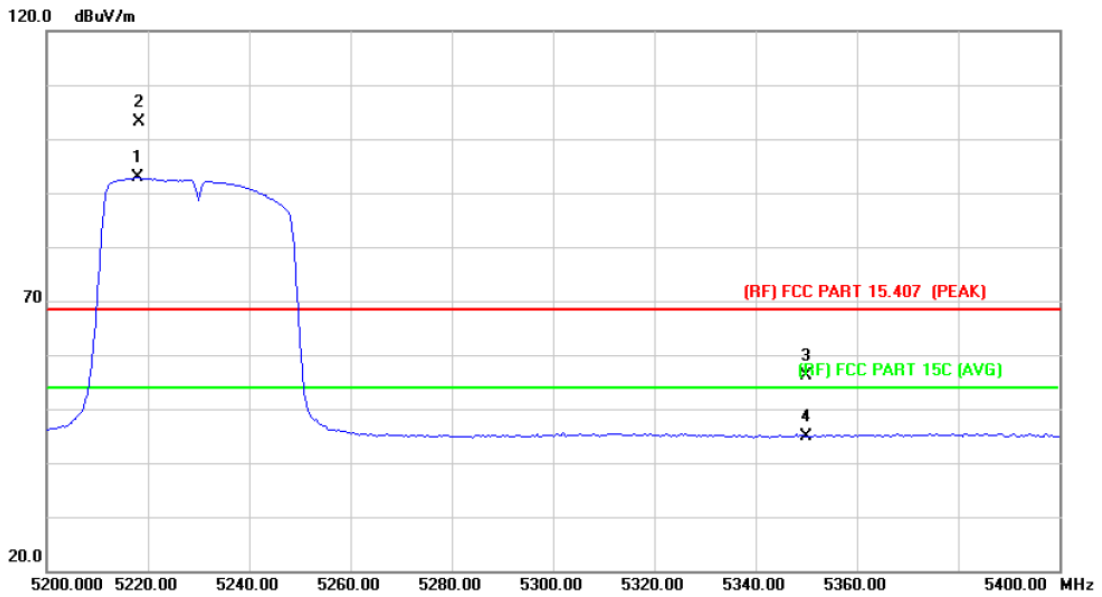
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5190 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	42.36	16.61	58.97	68.30	-9.33	peak
2		5150.000	30.37	16.61	46.98	54.00	-7.02	AVG
3	*	5185.600	81.57	16.65	98.22	Fundamental Frequency		AVG
4	X	5187.200	92.02	16.65	108.67	Fundamental Frequency		peak

**Emission Level= Read Level+ Correct Factor**

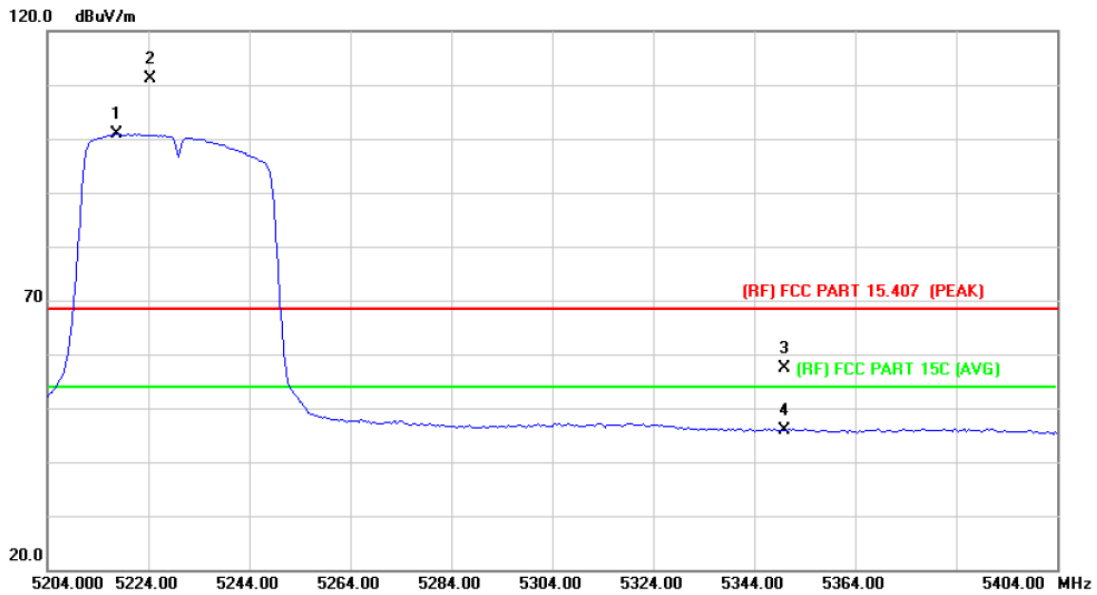
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5230 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5218.000	76.09	16.69	92.78	Fundamental Frequency		AVG
2	X	5218.400	86.45	16.69	103.14	Fundamental Frequency		peak
3		5350.000	39.35	16.83	56.18	68.30	-12.12	peak
4		5350.000	27.96	16.83	44.79	54.00	-9.21	AVG

**Emission Level= Read Level+ Correct Factor**

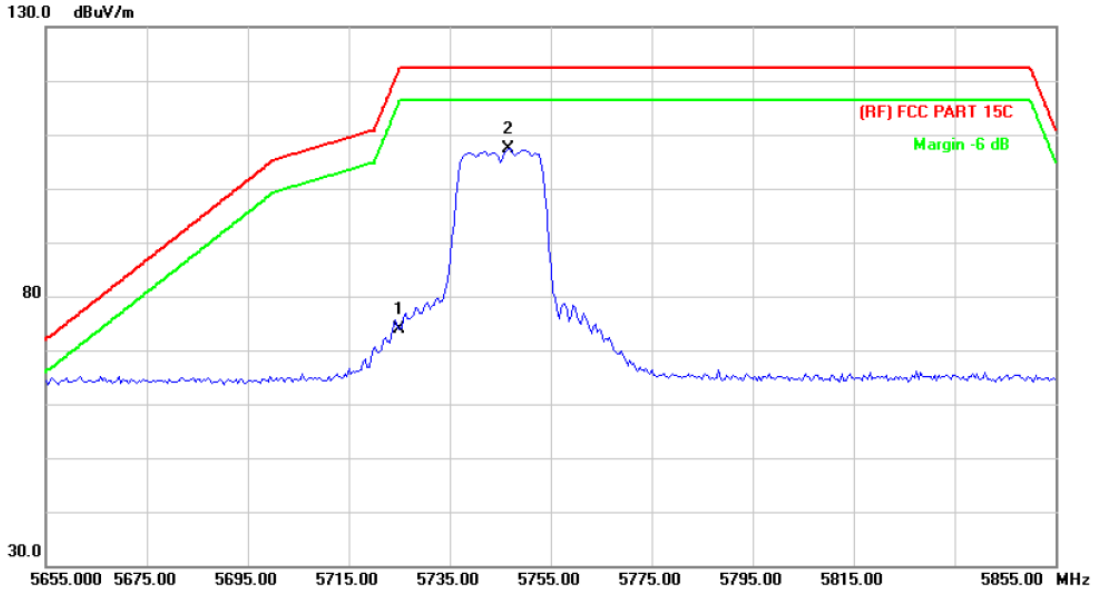
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5230 MHz (U-NII-1) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5217.600	84.15	16.68	100.83	Fundamental Frequency		AVG
2	X	5224.400	94.39	16.69	111.08	Fundamental Frequency		peak
3		5350.000	40.65	16.83	57.48	68.30	-10.82	peak
4		5350.000	29.13	16.83	45.96	54.00	-8.04	AVG

**Emission Level= Read Level+ Correct Factor**

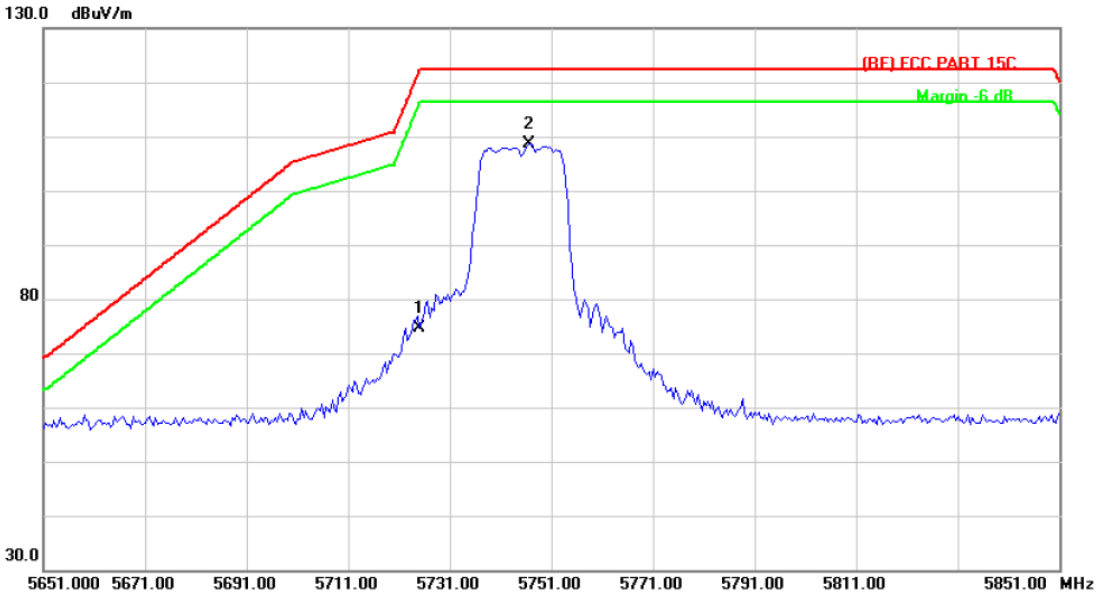
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11a Mode 5745 MHz (U-NII-3) ANT0		
<b>Remark:</b>			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		5725.000	56.07	17.82	73.89	122.30	-48.41	peak
2	*	5746.600	89.42	17.90	107.32	122.30	-14.98	peak

Emission Level= Read Level+ Correct Factor

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5745 MHz (U-NII-3) ANT0		
<b>Remark:</b>			

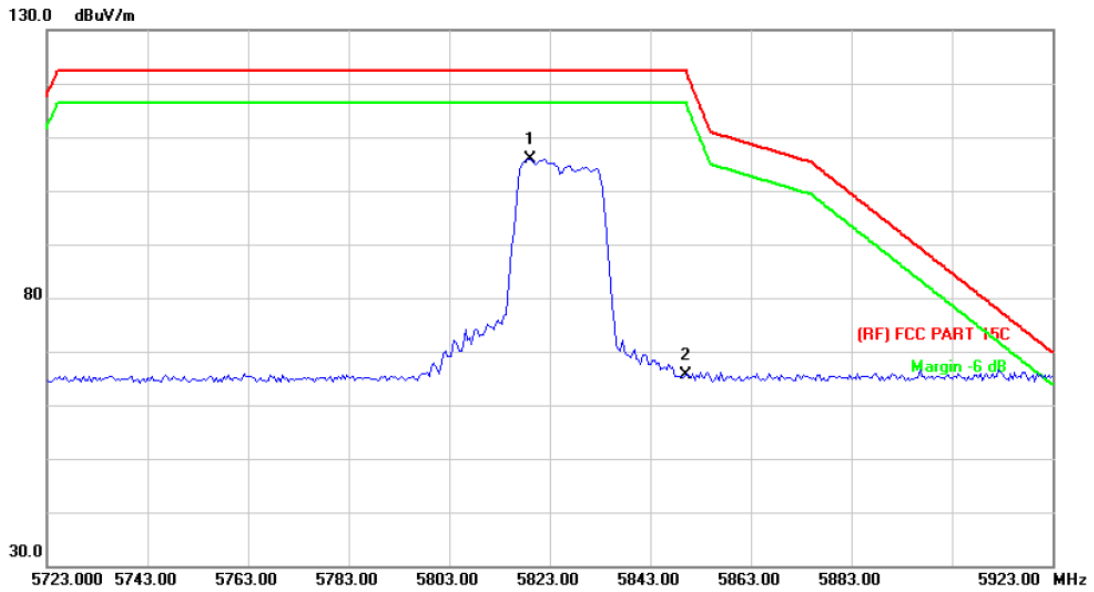


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	56.85	17.82	74.67	122.30	-47.63	peak
2	*	5746.600	90.67	17.90	108.57	122.30	-13.73	peak

Emission Level= Read Level+ Correct Factor



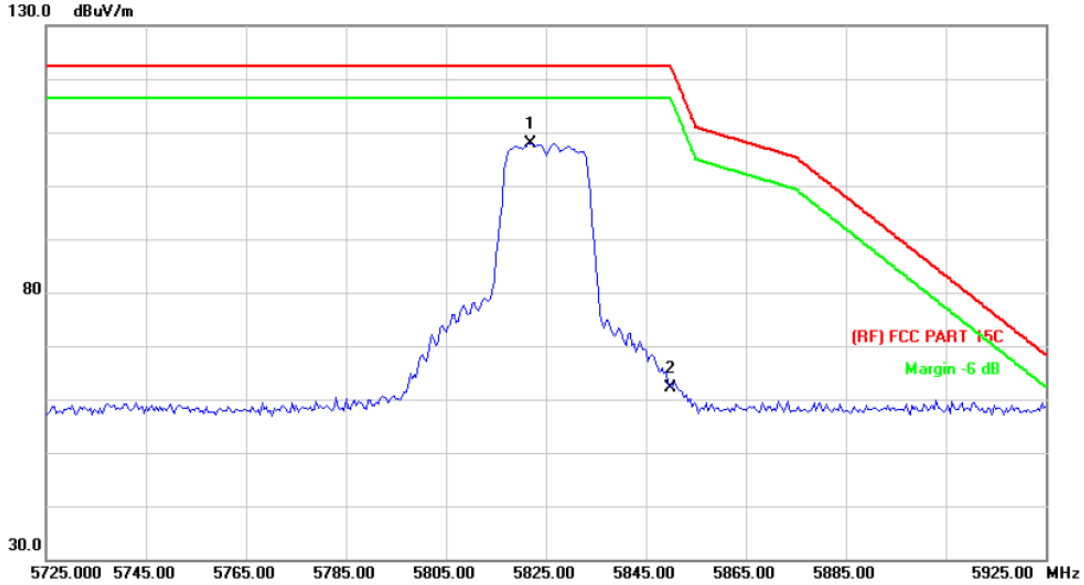
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11a Mode 5825 MHz (U-NII-3) ANT0		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5819.000	87.78	18.16	105.94	122.30	-16.36	peak
2		5850.000	47.47	18.28	65.75	122.30	-56.55	peak

Emission Level= Read Level+ Correct Factor

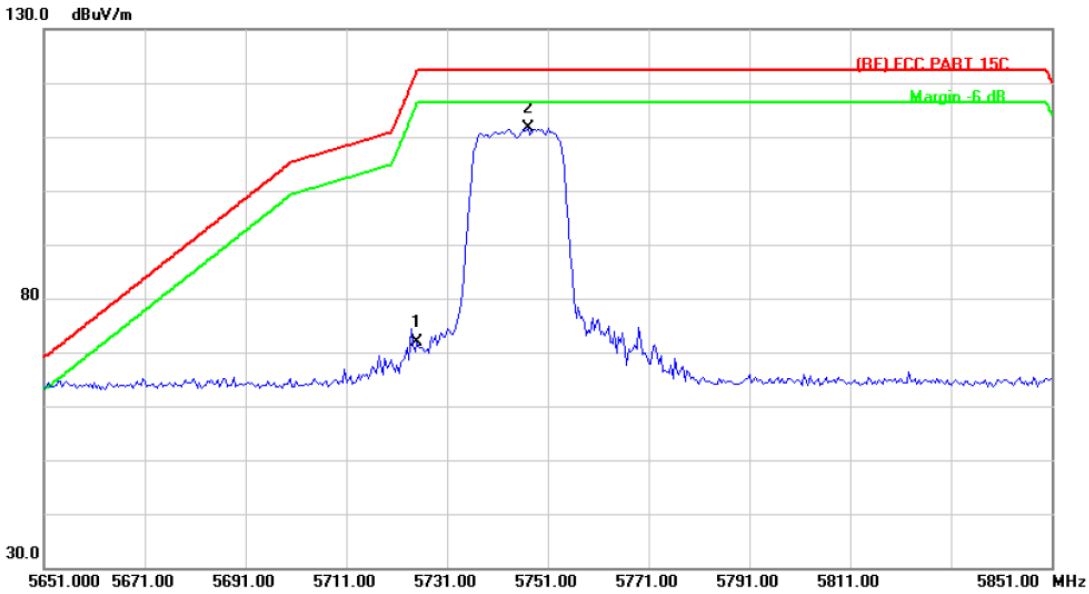
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5825 MHz (U-NII-3) ANT0		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5821.800	89.62	18.17	107.79	122.30	-14.51	peak
2		5850.000	43.79	18.28	62.07	122.30	-60.23	peak

Emission Level= Read Level+ Correct Factor

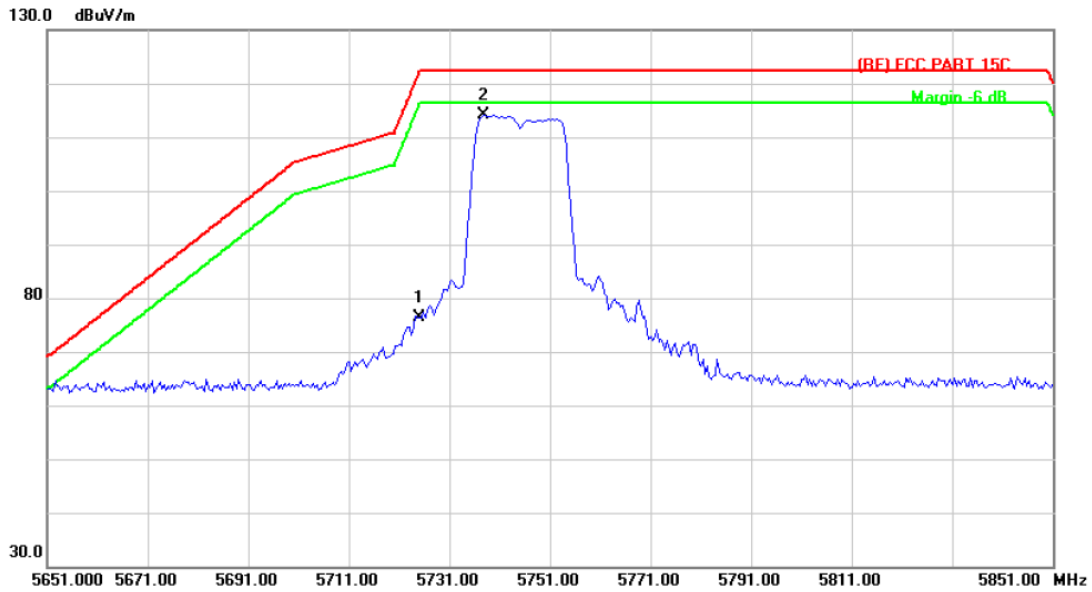
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5745 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	54.13	17.82	71.95	122.30	-50.35	peak
2	*	5747.000	93.80	17.90	111.70	122.30	-10.60	peak

Emission Level= Read Level+ Correct Factor

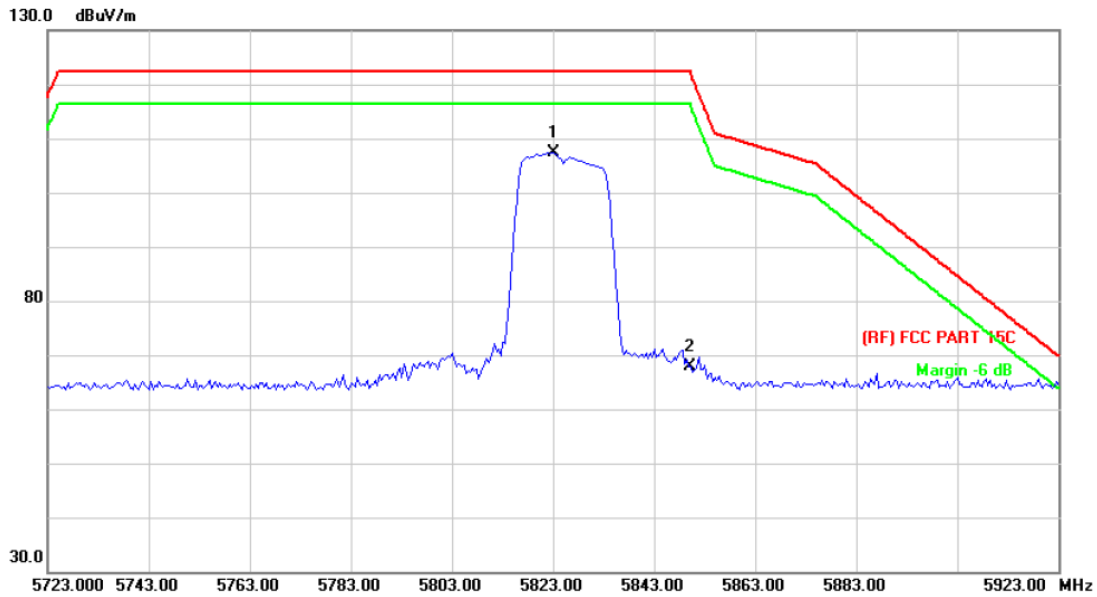
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5745 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	58.49	17.82	76.31	122.30	-45.99	peak
2	*	5737.800	96.31	17.87	114.18	122.30	-8.12	peak

Emission Level= Read Level+ Correct Factor

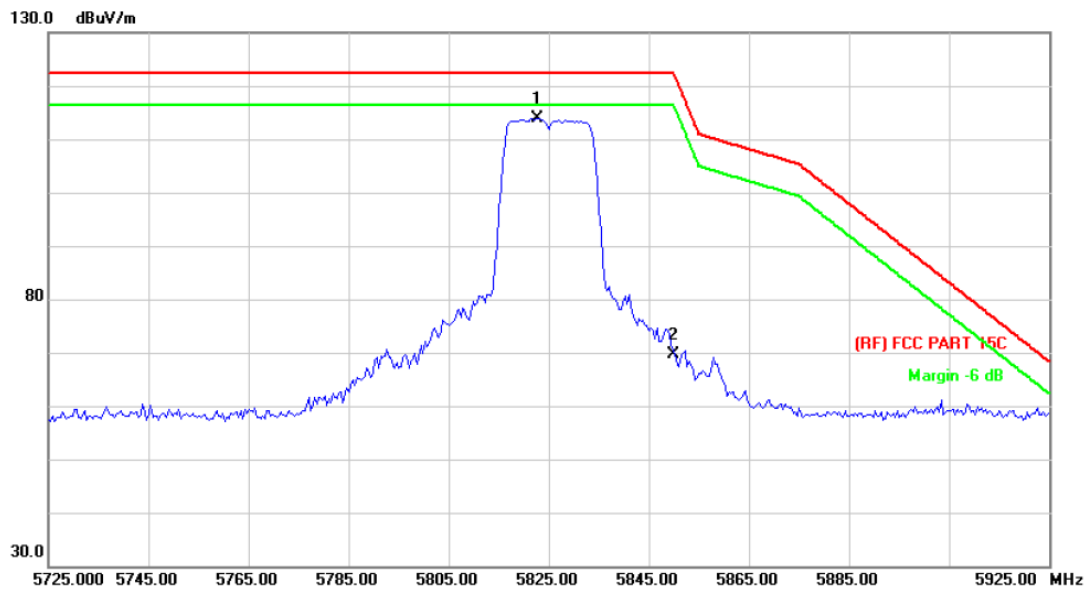
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5825 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5823.000	89.22	18.17	107.39	122.30	-14.91	peak
2		5850.000	49.56	18.28	67.84	122.30	-54.46	peak

Emission Level= Read Level+ Correct Factor

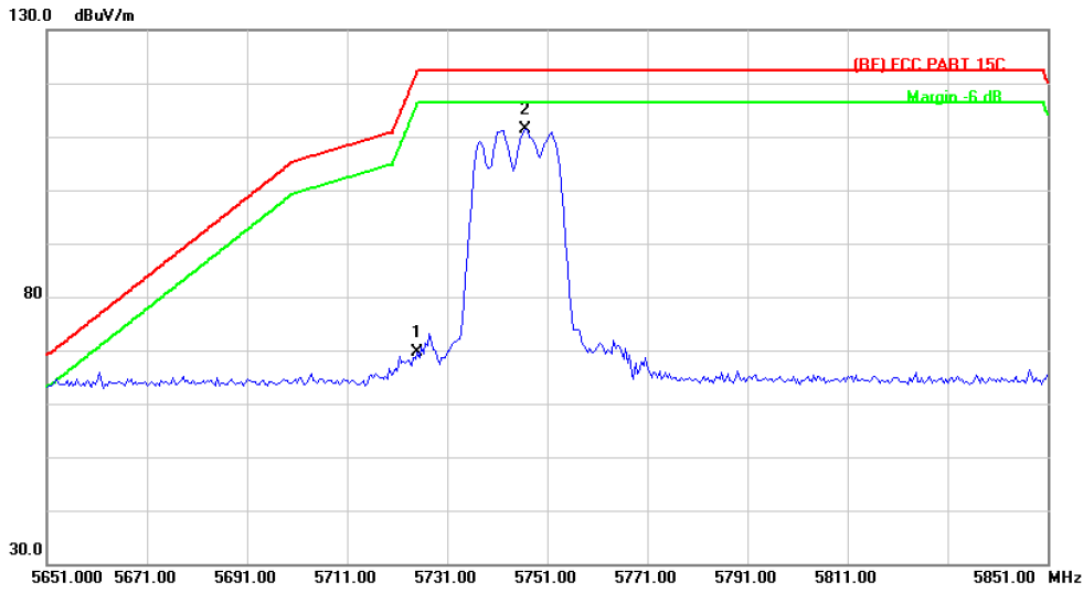
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5825 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5822.600	95.69	18.17	113.86	122.30	-8.44	peak
2		5850.000	51.27	18.28	69.55	122.30	-52.75	peak

**Emission Level= Read Level+ Correct Factor**

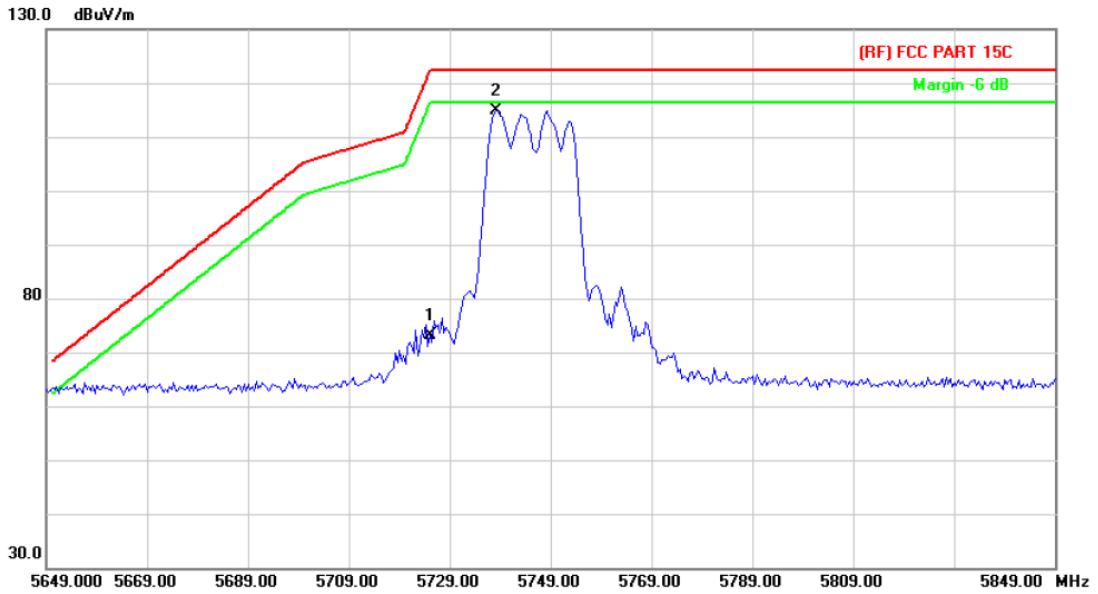
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5745 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	51.77	17.82	69.59	122.30	-52.71	peak
2	*	5746.600	93.54	17.90	111.44	122.30	-10.86	peak

Emission Level= Read Level+ Correct Factor

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5745 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			

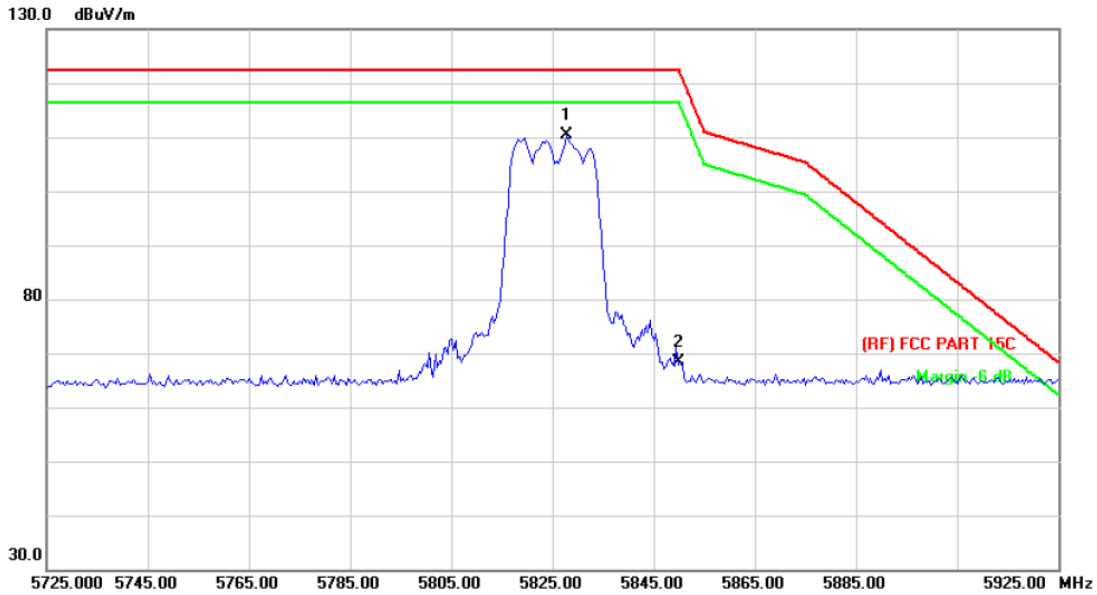


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	55.32	17.82	73.14	122.30	-49.16	peak
2	*	5738.200	96.94	17.87	114.81	122.30	-7.49	peak

Emission Level= Read Level+ Correct Factor



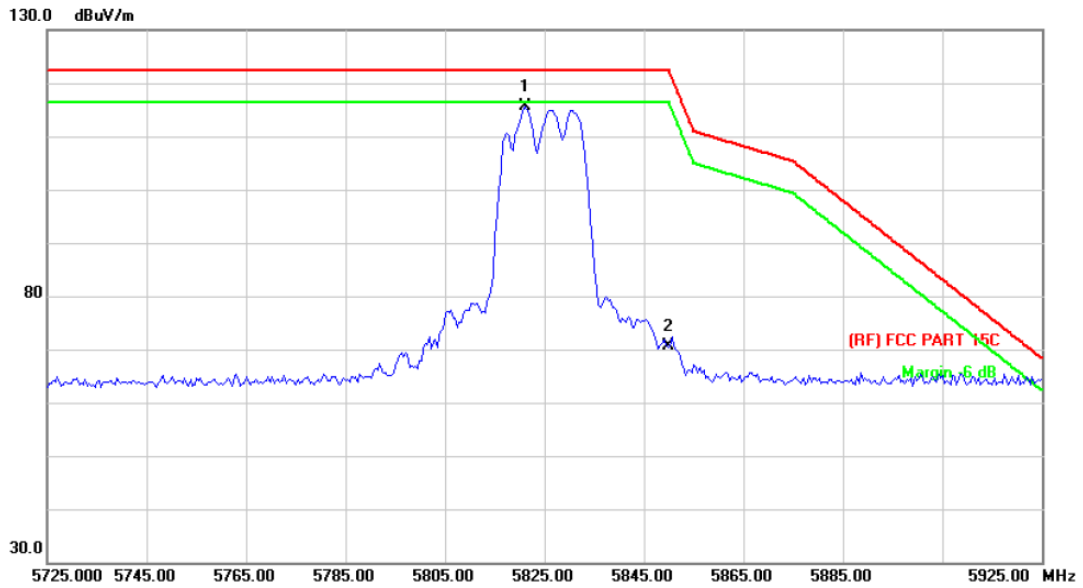
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5825 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5827.800	92.15	18.20	110.35	122.30	-11.95	peak
2		5850.000	50.16	18.28	68.44	122.30	-53.86	peak

Emission Level= Read Level+ Correct Factor

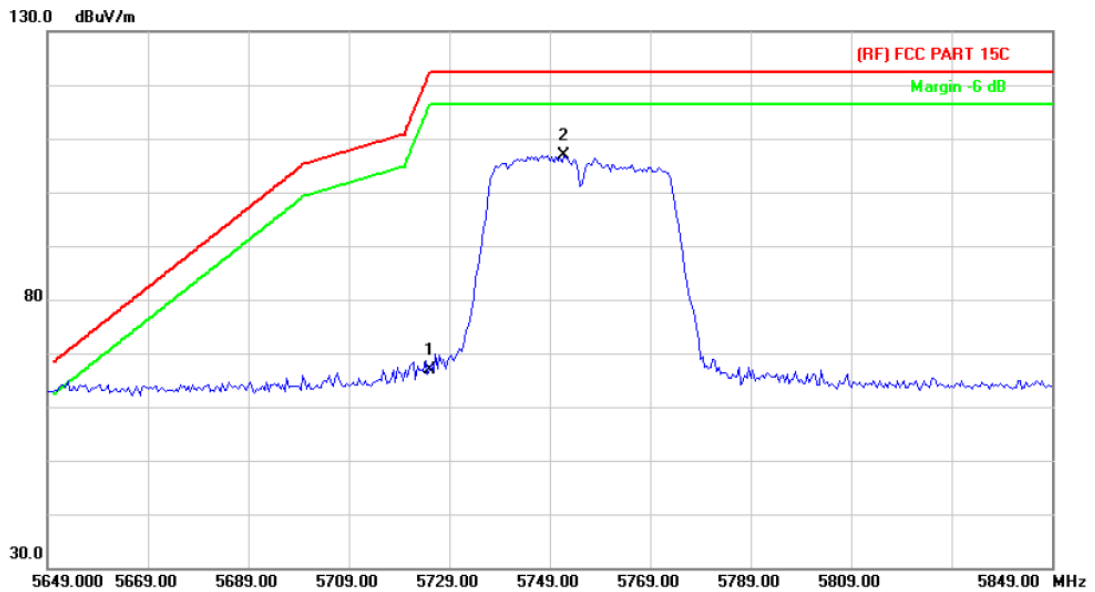
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5825 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5821.000	97.42	18.17	115.59	122.30	-6.71	peak
2		5850.000	52.42	18.28	70.70	122.30	-51.60	peak

Emission Level= Read Level+ Correct Factor

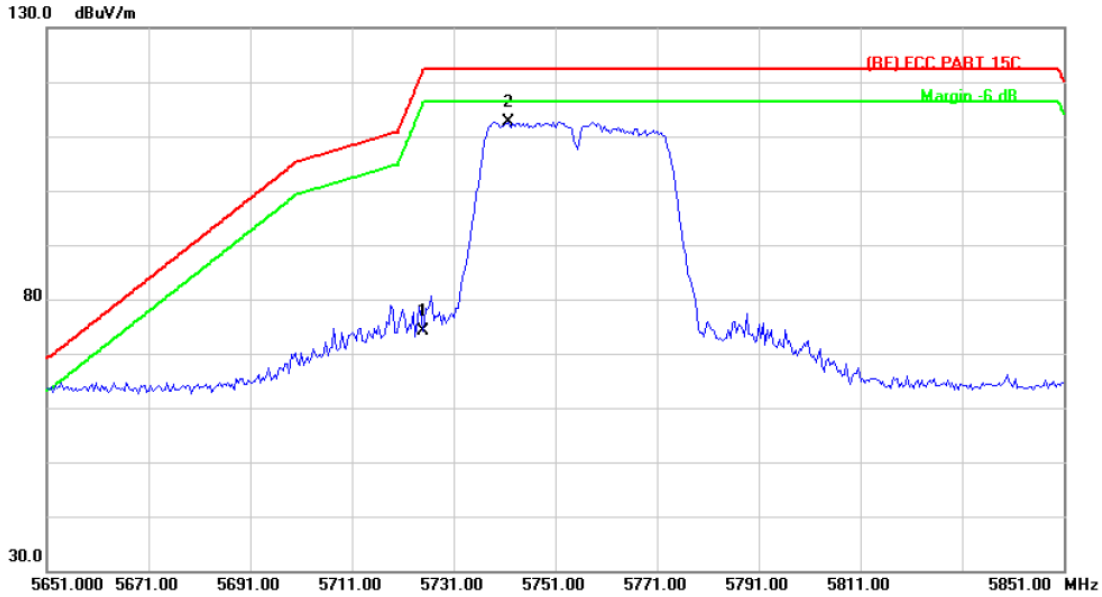
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5755 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	49.13	17.82	66.95	122.30	-55.35	peak
2	*	5751.800	88.99	17.91	106.90	122.30	-15.40	peak

Emission Level= Read Level+ Correct Factor

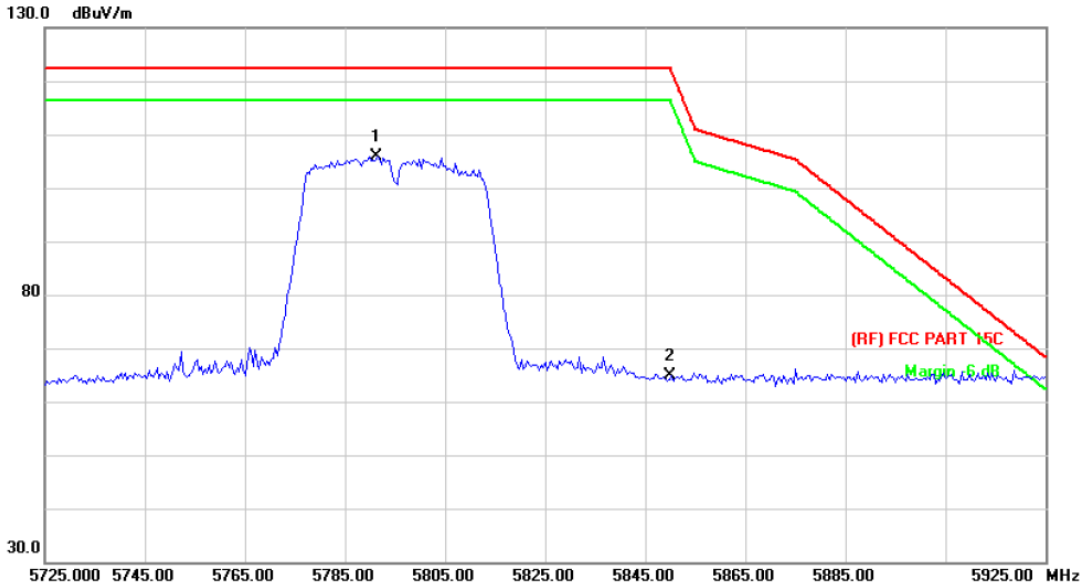
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5755 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		5725.000	56.42	17.82	74.24	122.30	-48.06	peak
2	*	5741.800	94.83	17.89	112.72	122.30	-9.58	peak

Emission Level= Read Level+ Correct Factor

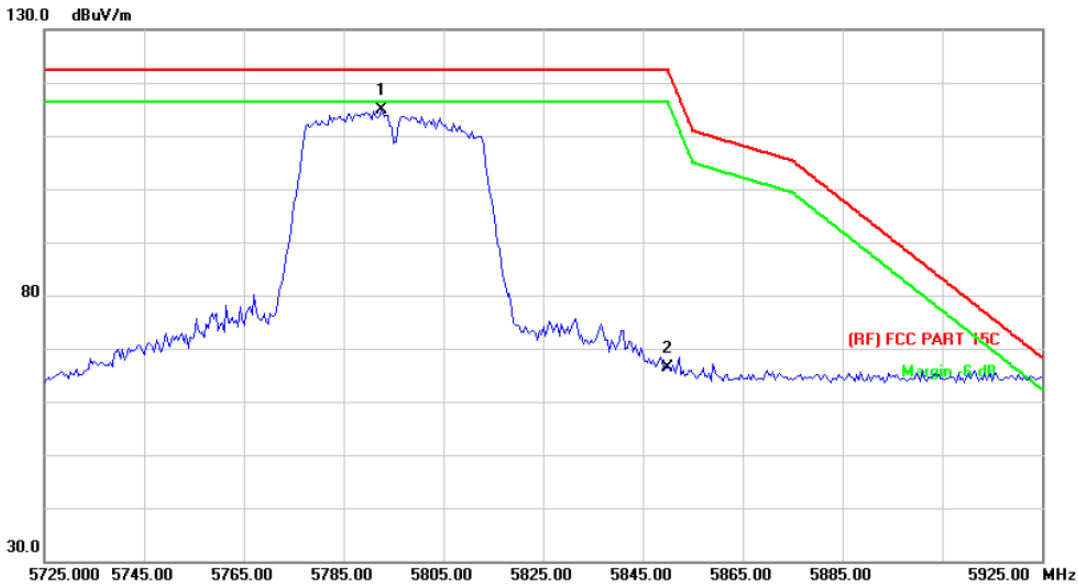
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5795 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5791.400	87.82	18.07	105.89	122.30	-16.41	peak
2		5850.000	46.48	18.28	64.76	122.30	-57.54	peak

Emission Level= Read Level+ Correct Factor

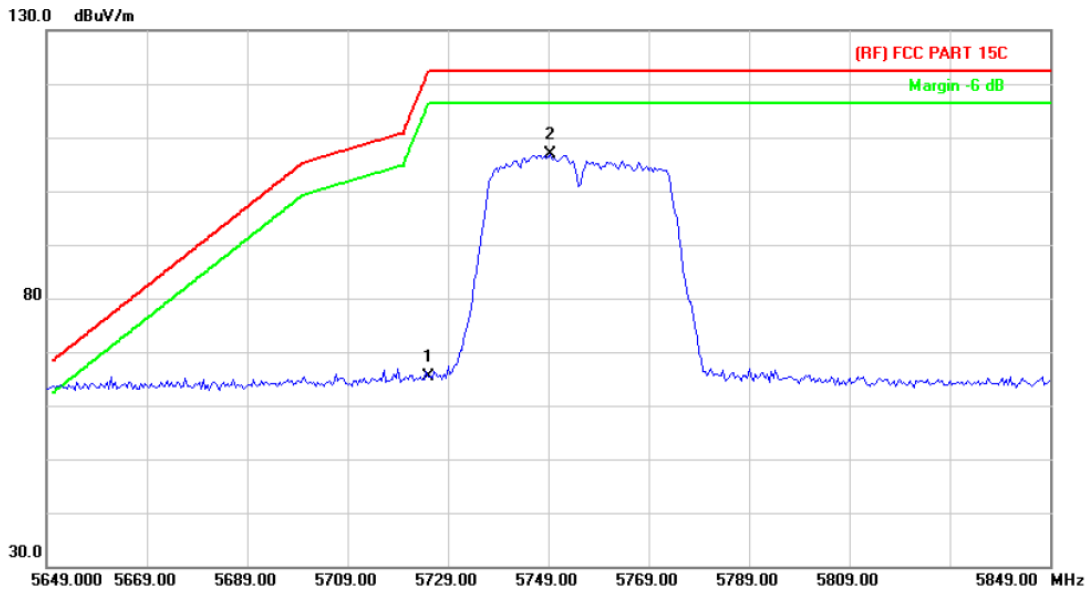
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5795 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	5792.600	96.70	18.07	114.77	122.30	-7.53	peak
2		5850.000	48.00	18.28	66.28	122.30	-56.02	peak

Emission Level= Read Level+ Correct Factor

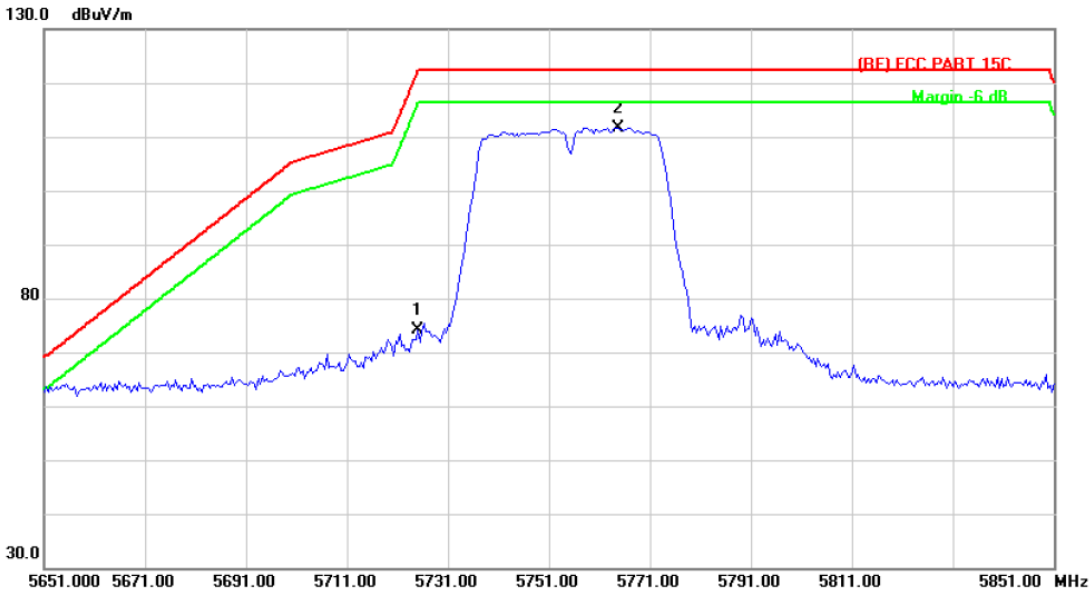
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5755 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	47.45	17.82	65.27	122.30	-57.03	peak
2	*	5749.400	88.93	17.91	106.84	122.30	-15.46	peak

**Emission Level= Read Level+ Correct Factor**

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5755 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			

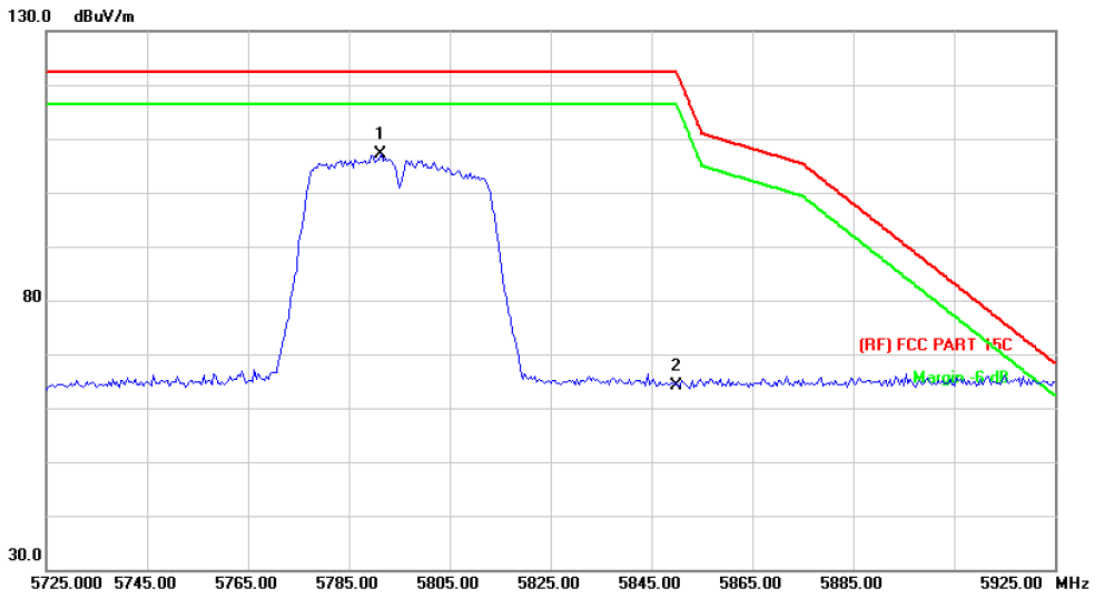


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	56.28	17.82	74.10	122.30	-48.20	peak
2	*	5764.600	93.72	17.97	111.69	122.30	-10.61	peak

Emission Level= Read Level+ Correct Factor



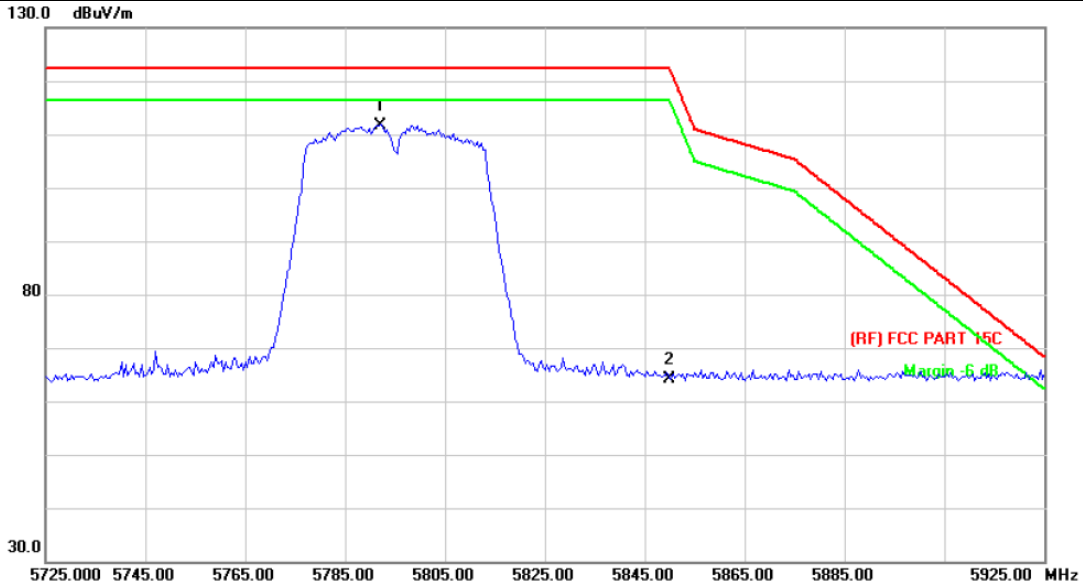
<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5795 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5791.400	88.98	18.07	107.05	122.30	-15.25	peak
2		5850.000	45.83	18.28	64.11	122.30	-58.19	peak

Emission Level= Read Level+ Correct Factor

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5795 MHz (U-NII-3) ANT0+ANT1		
<b>Remark:</b>			

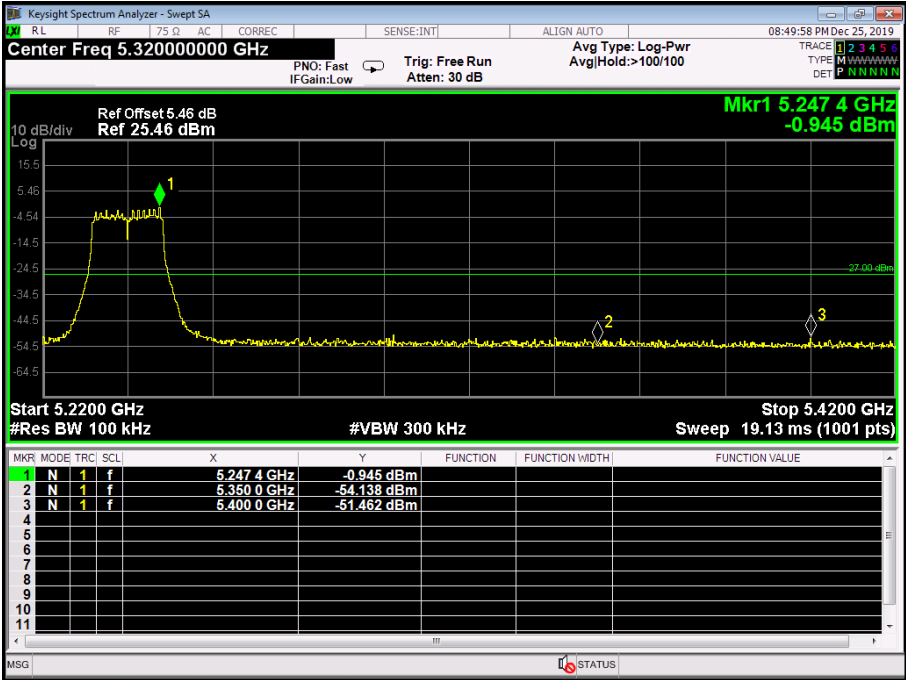
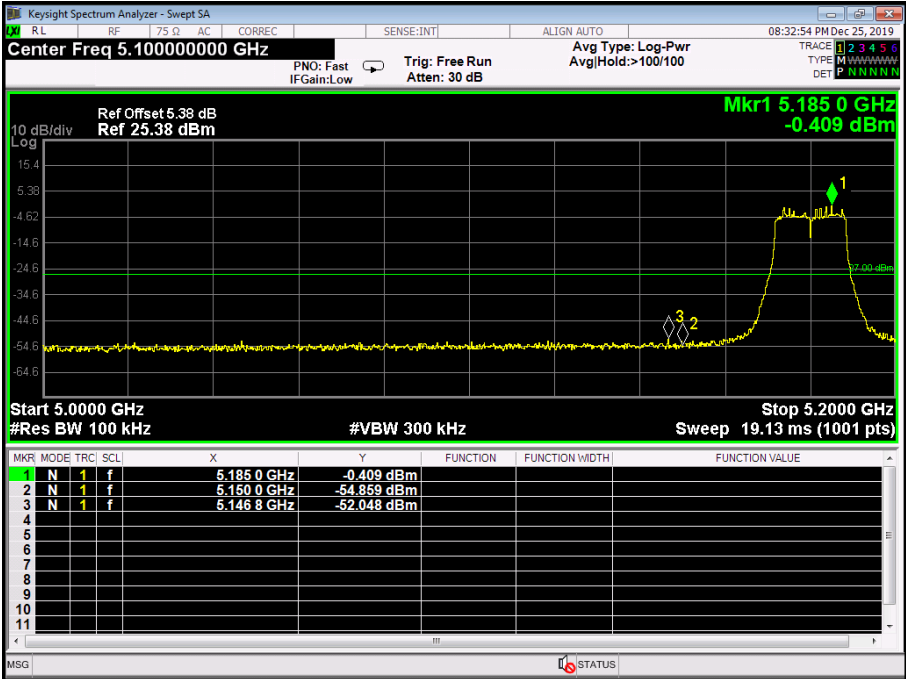


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5792.200	93.68	18.07	111.75	122.30	-10.55	peak
2		5850.000	45.89	18.28	64.17	122.30	-58.13	peak

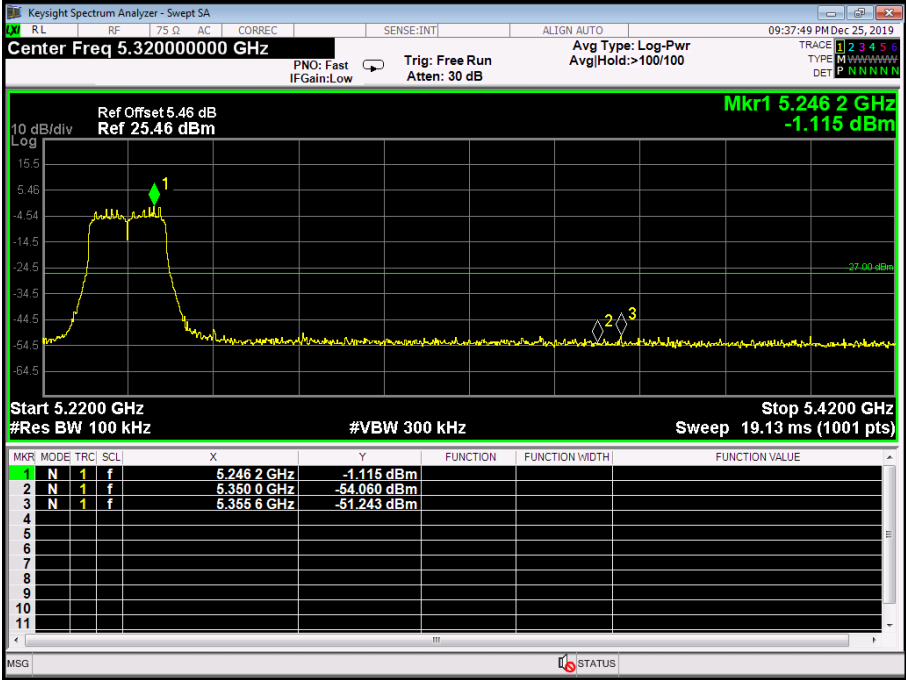
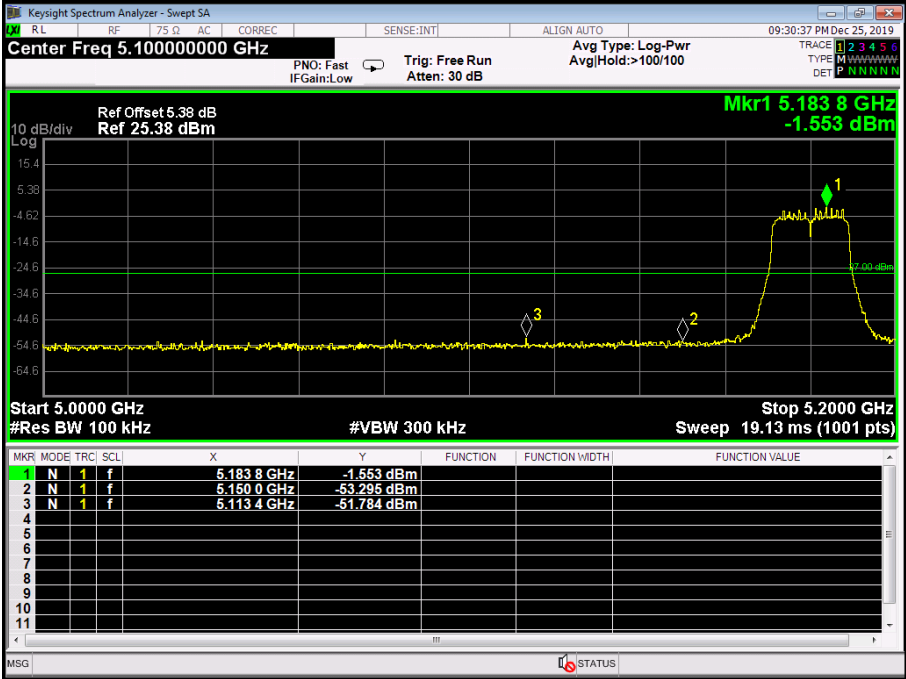
**Emission Level= Read Level+ Correct Factor**

(2) Conducted Test

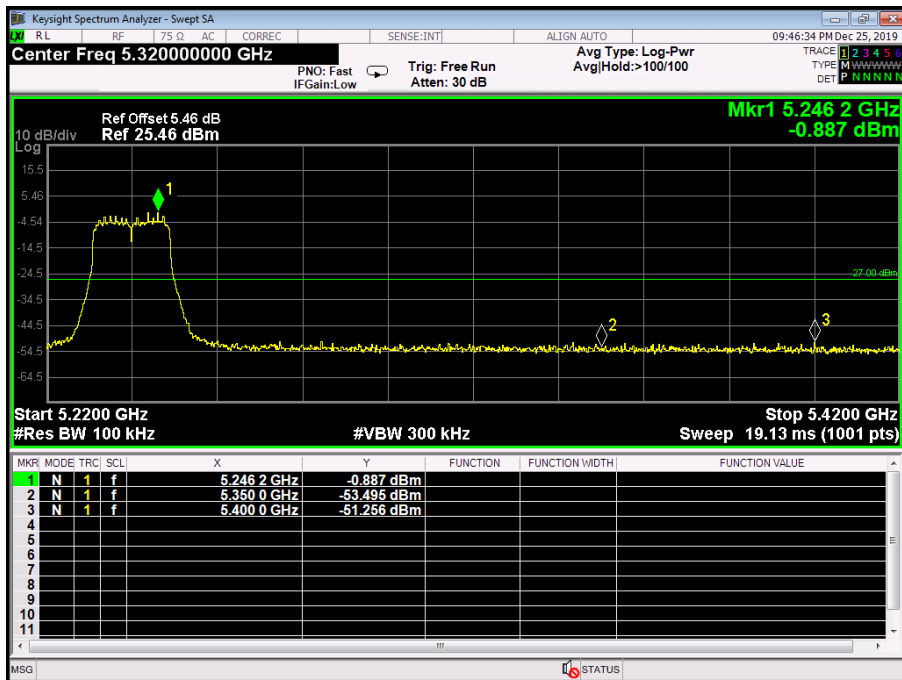
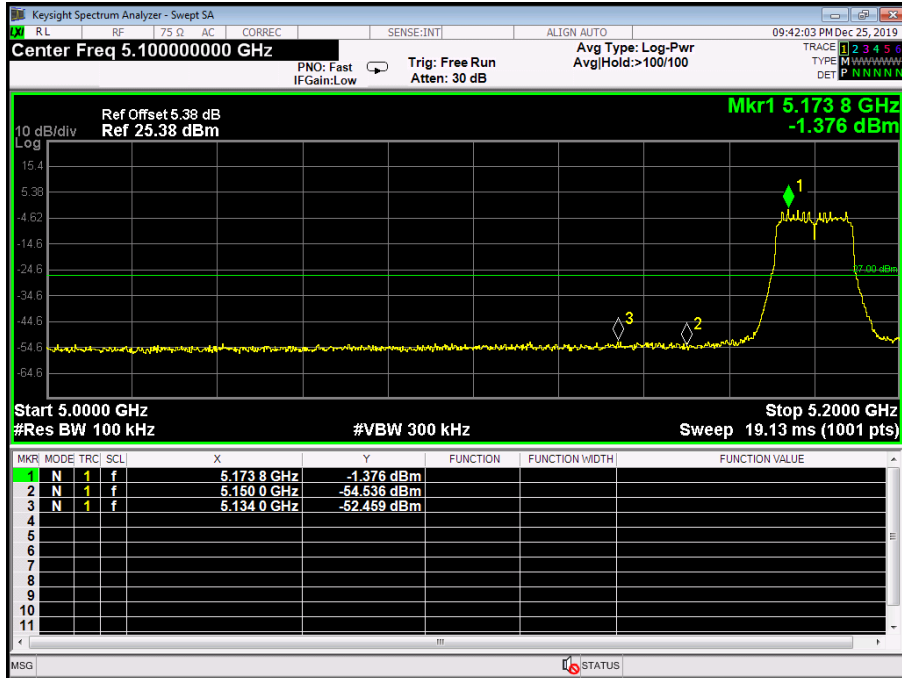
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a mode(U-NII-1) / 5180 ~ 5240MHz		
Remark:	The EUT is programed in continuously transmitting mode		



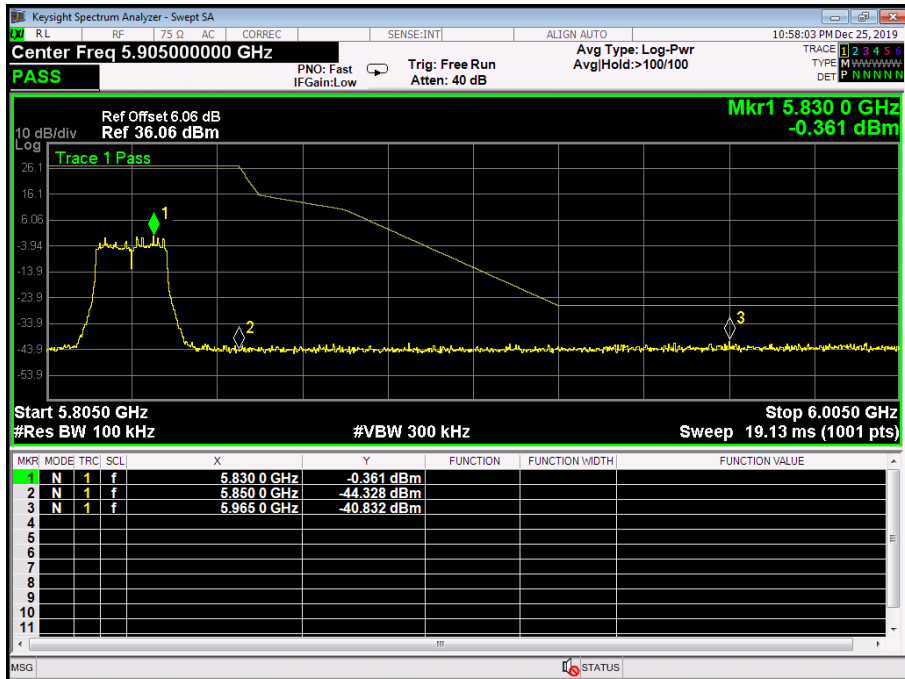
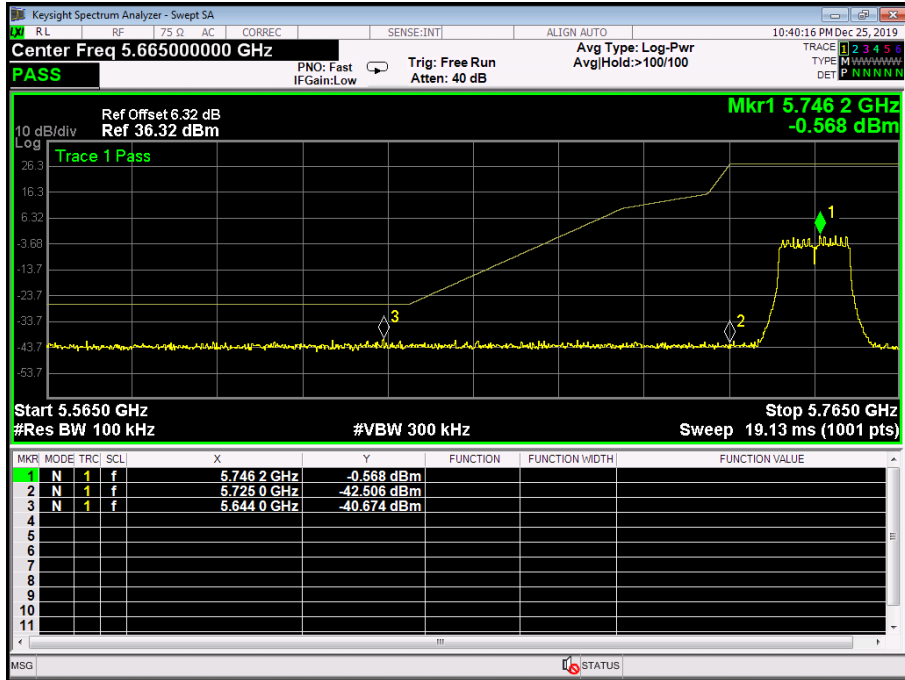
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(20) mode(U-NII-1) / 5180 ~ 5240MHz		
Remark:	The EUT is programmed in continuously transmitting mode		



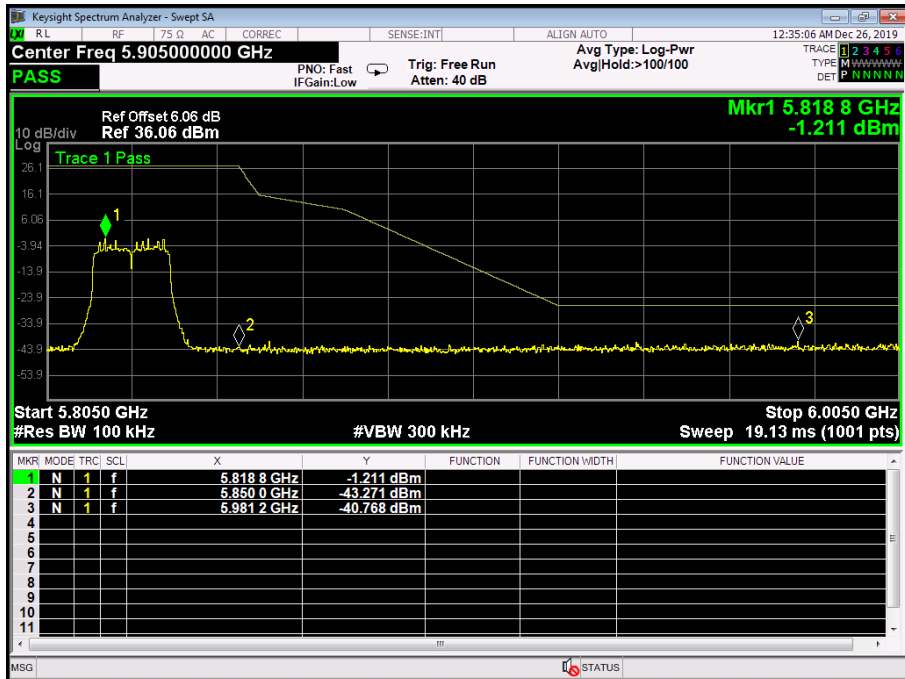
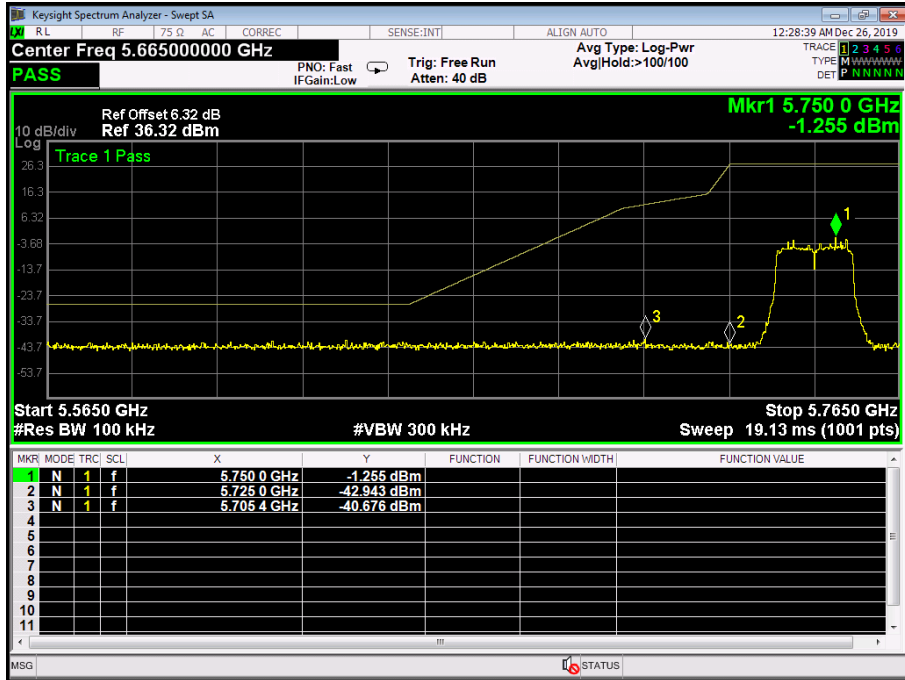
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) mode(U-NII-1) / 5180 ~ 5240MHz		
Remark:	The EUT is programed in continuously transmitting mode		



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11a Mode 5745MHz /5825MHz (U-NII-3)		
Remark:	The EUT is programed in continuously transmitting mode		



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11n(20) Mode 5745MHz /5825MHz (U-NII-3)		
Remark:	The EUT is programed in continuously transmitting mode		



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	AC 120V/60Hz		
Test Mode:	TX 802.11ac(VHT20) Mode 5745MHz /5825MHz (U-NII-3)		
Remark:	The EUT is programed in continuously transmitting mode		

