FCC Radio Test Report

FCC ID: 2AK77-W1

Original Grant

Report No.	:	TB-FCC157635
Applicant	:	Shenzhen Yuetu Network Technology Ltd.
Equipment Under Test (EUT)		
EUT Name	:	DashCam
Model No.	:	W1
Serial Model No.	:	N/A
Brand Name	:	HaloCam
Receipt Date	:	2017-12-10
Test Date	:	2017-12-11 to 2017-12-25
Issue Date	:	2017-12-26
Standards	:	FCC Part 15, Subpart E (15.407:2017)
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 : IVAN SU

Approved& Authorized :

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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Contents

Revision History

Report No.	Version	Description	Issued Date
TB-FCC157635	Rev.01	Initial issue of report	2017-12-26

1. General Information about EUT

1.1 Client Information

Applicant	:	Shenzhen Yuetu Network Technology Ltd.
Address	:	3/F, Yinjin Industrial Park, Liuxian 2 Road, Bao'an District, Shenzhen, Guangdong, China
Manufacturer	:	Shenzhen Yuetu Network Technology Ltd.
Address	:	3/F, Yinjin Industrial Park, Liuxian 2 Road, Bao'an District, Shenzhen, Guangdong, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	DashCam	
Models No.	:	W1	
Product Description	:	Operation Frequency: U-NII-1: 5180MHz~5240MHz U-NII-3: 5745MHz~5825MHz	
		RF Output Power:	**U-NII-1:** 802.11a: 12.47dBm 802.11n(HT20): 12.50dBm 802.11n(HT40): 12.33dBm 802.11ac(20): 12.45dBm 802.11ac(40): 12.59dBm 802.11ac(80): 11.96dBm **U-NII-3:** 802.11a: 7.00dBm 802.11n(HT20): 6.76dBm 802.11n(HT40): 7.04dBm 802.11ac(20): 678dBm 802.11ac(40): 6.97dBm 802.11ac(80): 6.27dBm
		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
Power Supply	:	DC Voltage Supplied by Adapter.	

		DC Supply by the Battery.
Power Rating	:	Adapter(10FA3-05200U): Input: AC 100-240, 50/60Hz, 0.5-0.3A. Output: DC 5.0V, 2.0A. DC 3.7 V by 4500mAh Li-Lion Battery.
Connecting I/O Port(S)	:	Please refer to the User's Manual
Note: 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. For 80 MHz Bandwidth, use channel 42.				

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. For 80 MHz Bandwidth, use channel 155.				

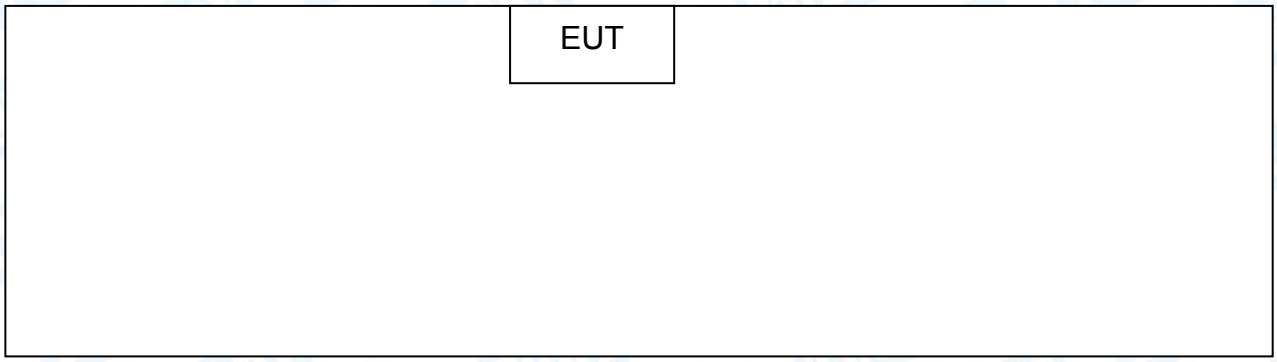
(3) Antenna information:

Ant.	Model Name	Antenna Type	BAND(MHz)	Gain(dBi)
1	N/A	FPC Ant.	5150-5825	7

1.3 Block Diagram Showing the Configuration of System Tested

USB Charging Mode

TX Mode



1.4 Description of Support Units

Equipment Information				
Name	**Model**	**FCC ID/VOC**	**Manufacturer**	**Used "√"**
Cable Information				
Number	**Shielded Type**	**Ferrite Core**	**Length**	**Note**
Cable 1	NO	NO	3.0M	

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(20) Mode Channel 36/40/48
	Mode 6	TX Mode 802.11ac(40) Mode Channel 38/46
	Mode 7	TX Mode 802.11ac(80) Mode Channel 42
U-NII-3	Mode 8	TX Mode 802.11a Mode Channel 149/157/165
	Mode 9	TX Mode 802.11n(HT20) Mode Channel 149/157/165
	Mode 10	TX Mode 802.11n(HT40) Mode Channel 151/159
	Mode 11	TX Mode 802.11ac(20) Mode Channel 149/157/165
	Mode 12	TX Mode 802.11ac(40) Mode Channel 151/159
	Mode 13	TX Mode 802.11ac(80) Mode Channel 155

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
802.11a(20) Mode: MCS 1/Nss2
802.11a(40) Mode: MCS 1/Nss2
802.11a(80) 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	CMD.exe		
U-NII-1			
Mode:	**5180MHz**	**5200MHz**	**5240MHz**
IEEE 802.11a	DEF	DEF	DEF
IEEE 802.11n (HT20)	DEF	DEF	DEF
IEEE 802.11ac (20)	DEF	DEF	DEF
Mode:	**5190MHz**	**5230MHz**	
IEEE 802.11n (HT40)	DEF	DEF	
IEEE 802.11ac (40)	DEF	DEF	
Mode:	**5210MHz**		
IEEE 802.11ac (80)	DEF		
U-NII-3			
Mode:	**5745MHz**	**5785MHz**	**5825MHz**
IEEE 802.11a	DEF	DEF	DEF
IEEE 802.11n (HT20)	DEF	DEF	DEF
IEEE 802.11ac (20)	DEF	DEF	DEF
Mode:	**5755MHz**	**5795MHz**	
IEEE 802.11n (HT40)	DEF	DEF	
IEEE 802.11ac (40)	DEF	DEF	
Mode:	**5775MHz**		
IEEE 802.11ac (80)	DEF		

1.7 Test Facility

The testing report were 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.

FCC List No.: (854351)

The Laboratory is listed in the United States of American Federal Communications Commission (FCC), and the registration number is 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.

May 22, 2014 certificated by TUV Rheinland(China) Co., Ltd. with TUV certificate No.: UA 50282953 0001 and report No.: 17026822 002. The certificate is valid until the next scheduled audit or up to 18 months, at the discretion of TUV Rhineland.

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(**only for UNII-3**)	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: "/" for no requirement for this test item. N/A is an abbreviation for Not Applicable.				

3. Test Equipment

Conducted Emission Test					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jul. 20, 2017	Jul. 19, 2018
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 20, 2017	Jul. 19, 2018
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 20, 2017	Jul. 19, 2018
LISN	Rohde & Schwarz	ENV216	101131	Jul. 20, 2017	Jul. 19, 2018
Radiation Emission Test					
Equipment	**Manufacturer**	**Model No.**	**Serial No.**	**Last Cal.**	**Cal. Due Date**
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 20, 2017	Jul. 19, 2018
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul. 20, 2017	Jul. 19, 2018
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar.25, 2017	Mar. 24, 2018
Bilog Antenna	ETS-LINDGREN	3142E	00117542	Mar.25, 2017	Mar. 24, 2018
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar.24, 2017	Mar. 23, 2018
Horn Antenna	ETS-LINDGREN	3117	00143209	Mar.24, 2017	Mar. 23, 2018
Loop Antenna	Laplace instrument	RF300	0701	Mar.24, 2017	Mar. 23, 2018
Pre-amplifier	Sonoma	310N	185903	Mar.24, 2017	Mar. 23, 2018
Pre-amplifier	HP	8449B	3008A00849	Mar.25, 2017	Mar. 24, 2018
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar.24, 2017	Mar. 23, 2018
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. 20, 2017	Jul. 19, 2018
Spectrum Analyzer	Rohde & Schwarz	ESCI	100010/007	Jul. 20, 2017	Jul. 19, 2018
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Oct. 26, 2017	Oct. 25, 2018
Vector Signal Generator	Agilent	N5182A	MY50141294	Oct. 26, 2017	Oct. 25, 2018
Analog Signal Generator	Agilent	N5181A	MY50141953	Oct. 26, 2017	Oct. 25, 2018
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Oct. 26, 2017	Oct. 25, 2018
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Oct. 26, 2017	Oct. 25, 2018
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Oct. 26, 2017	Oct. 25, 2018
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Oct. 26, 2017	Oct. 25, 2018

4. Conducted Emission Test

4.1 Test Standard and Limit

4.1.1Test Standard

FCC Part 15.207

4.1.2 Test Limit

Conducted Emission Test Limit

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

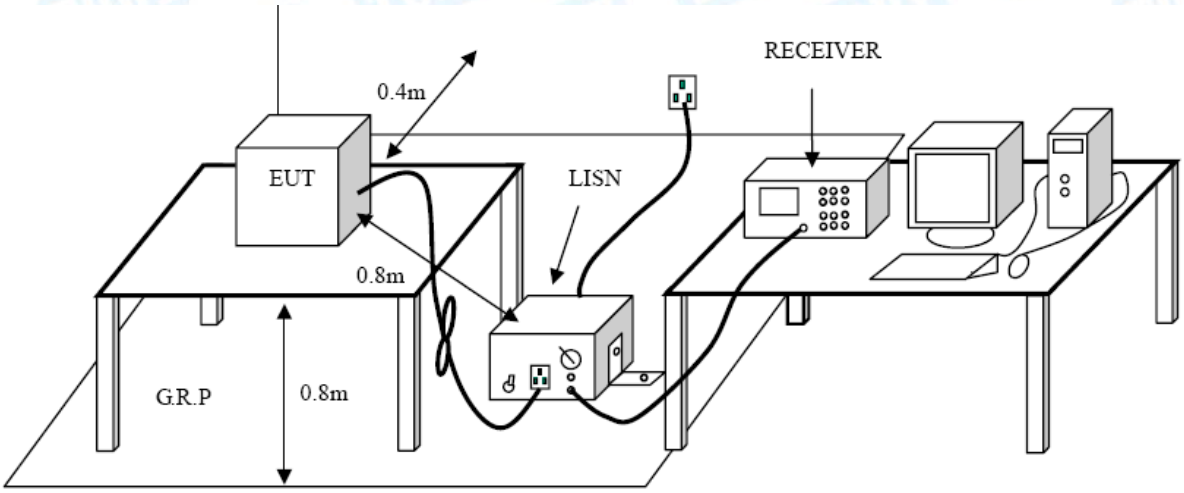
Notes:

(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.

5. 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	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5825	-27(Note 2)	68.3
	10(Note 2)	105.3
	15.6(Note 2)	110.9
	27(Note 2)	122.3

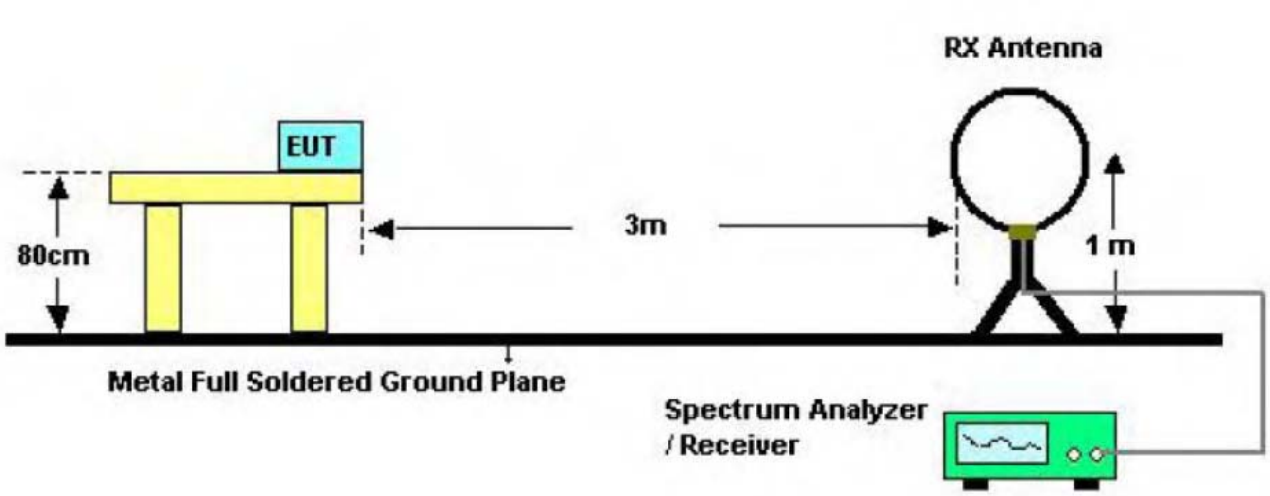
NOTE:

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

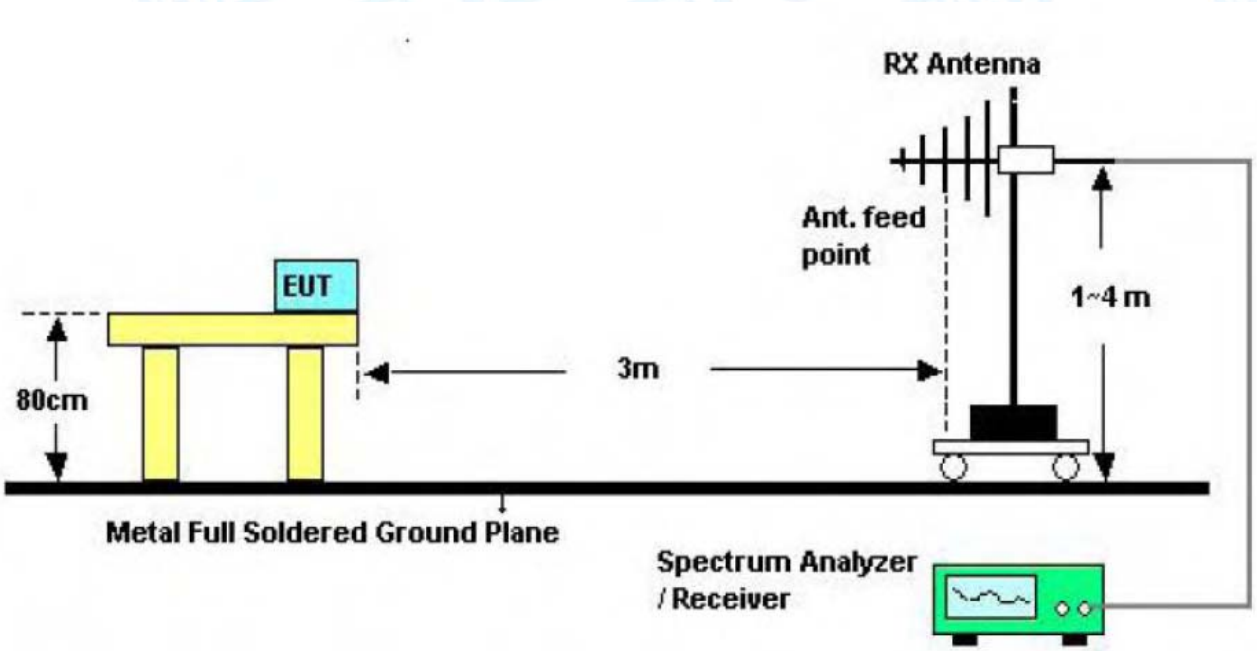
E= $\frac{1000000\sqrt{30P}}{3}$ uV/m, where P is the eirp (Watts)

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 theband 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 orbelow 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.

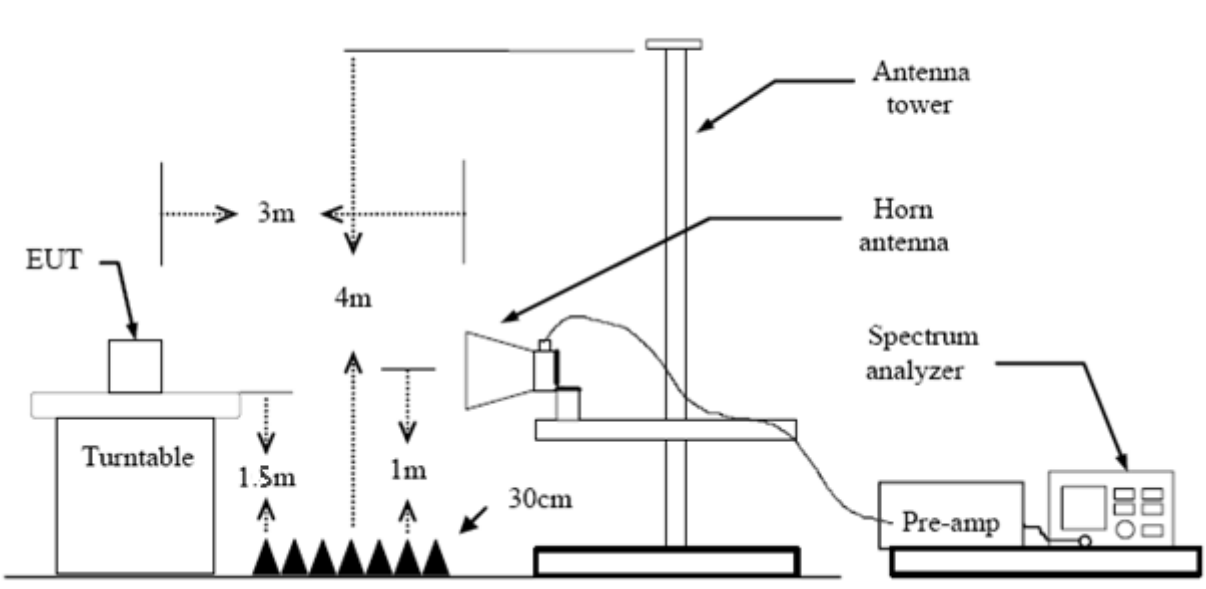
5.2 Test Setup



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 antenna are 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.

6. 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	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5825	-27(Note 2)	68.3
	10(Note 2)	105.3
	15.6(Note 2)	110.9
	27(Note 2)	122.3

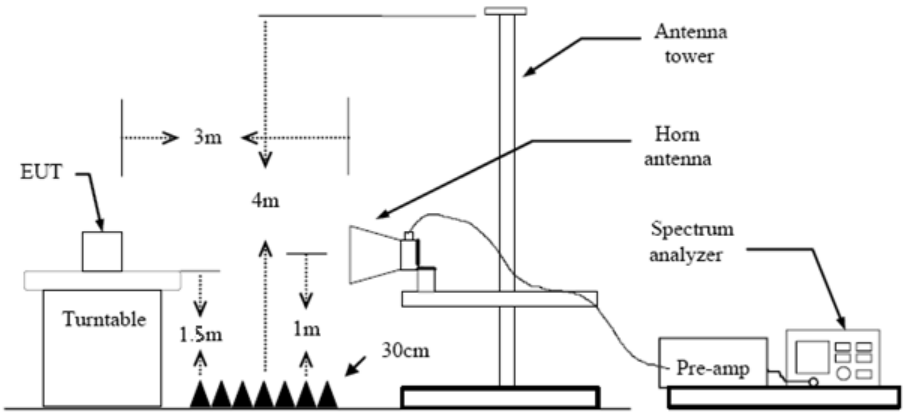
NOTE:

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

$E=\frac{1000000\sqrt{30P}}{3}$ 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 theband 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 orbelow 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 antenna are 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.

7. Bandwidth Test

7.1 Test Standard and Limit

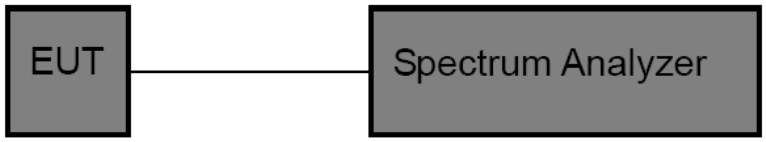
7.1.1 Test Standard

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
		5250~5350
		5500~5700
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>=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	≥ 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.

8. Output Power Test

8.1 Test Standard and Limit

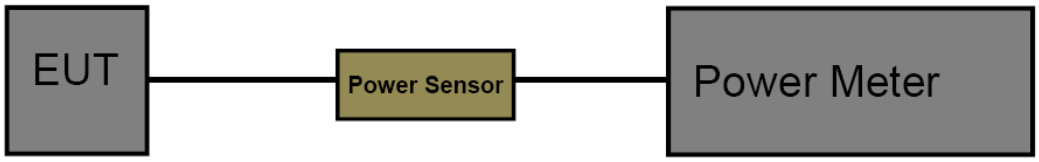
8.1.1 Test Standard

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
	250mW (24dBm)	5250~5350
	250mW (24dBm)	5500~5700
	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.

9. Power Spectral Density Test

9.1 Test Standard and Limit

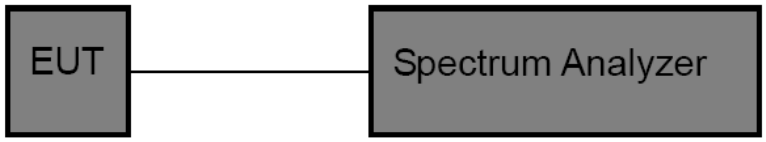
9.1.1 Test Standard

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
	11dBm/MHz	5250~5350
	11dBm/MHz	5500~5700
	30dBm/510kHz	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.

10. Frequency Stability Measurement

10.1 Test Standard and Limit

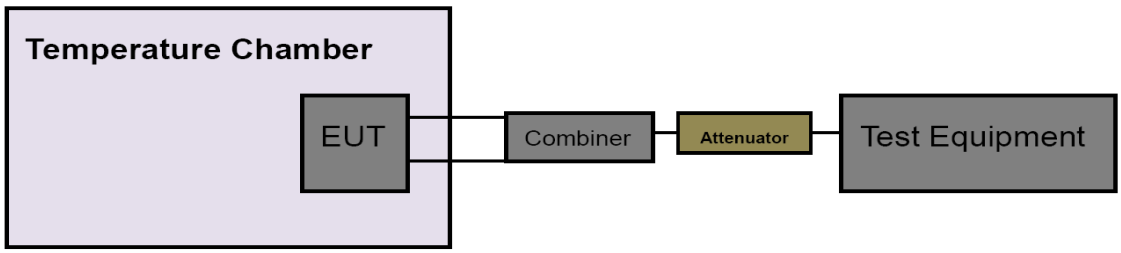
10.1.1 Test Standard

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 ±20 ppm maximum for the 5 GHz band (IEEE 802.11n specification)	5150~5250
		5250~5350
		5500~5700
		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℃~50℃

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.

11. 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 7dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

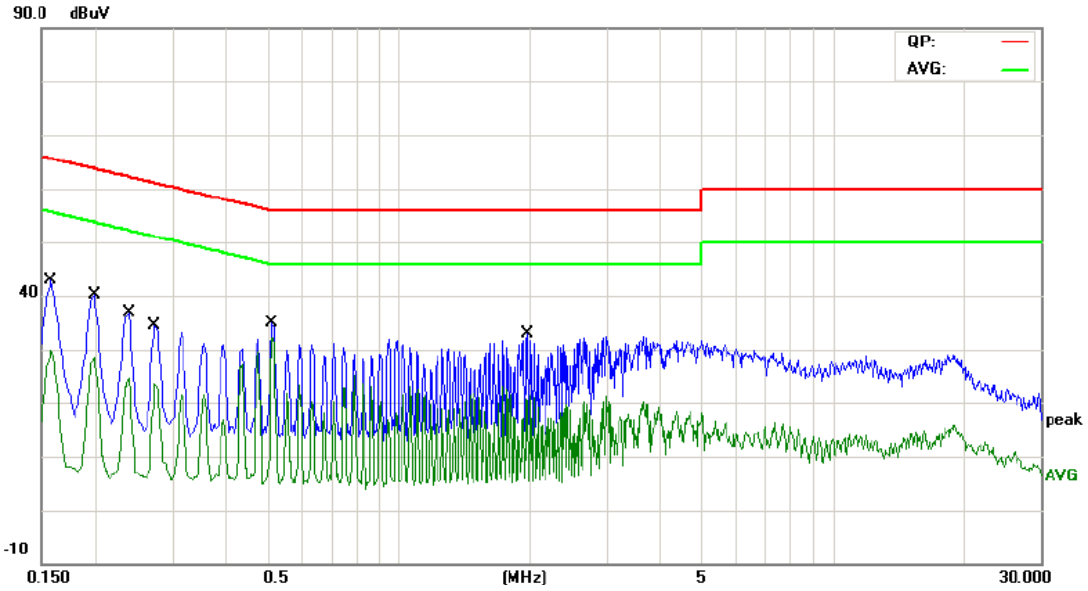
11.3 Result

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

Antenna Type
☐Permanent attached antenna
☒Unique connector antenna
☐Professional installation antenna

Attachment A-- Conducted Emission Test Data

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 12V		
Terminal:	VCC		
Test Mode:	Charging with TX 802.11a Mode CH36		
Remark:	Only worse case is reported		

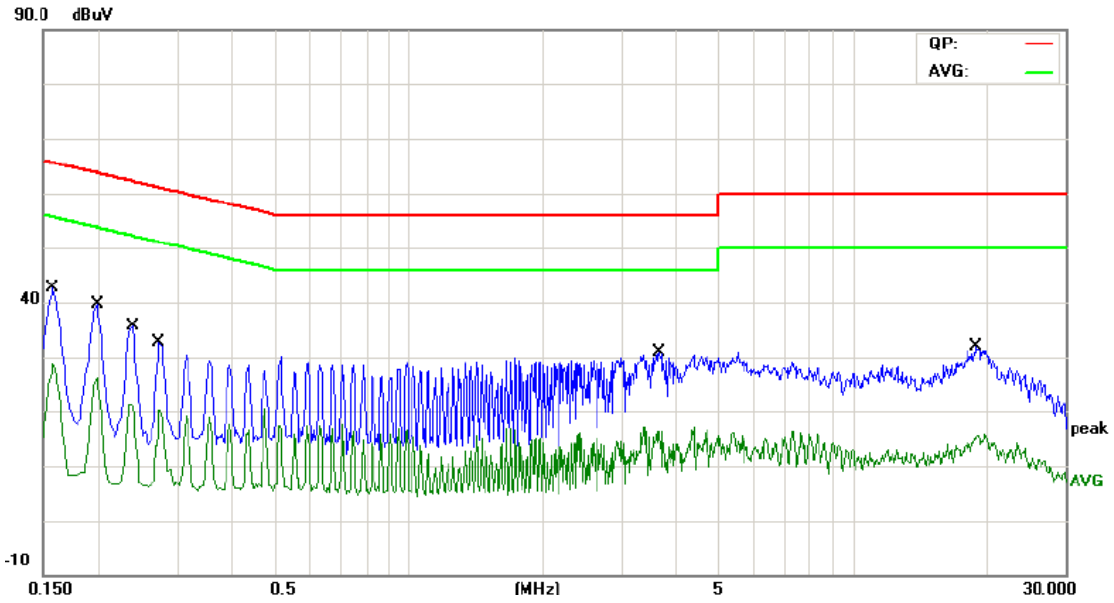


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1580	30.04	9.58	39.62	65.56	-25.94	QP
2		0.1580	18.37	9.58	27.95	55.56	-27.61	AVG
3		0.1980	26.93	9.58	36.51	63.69	-27.18	QP
4		0.1980	16.96	9.58	26.54	53.69	-27.15	AVG
5		0.2380	22.73	9.58	32.31	62.16	-29.85	QP
6		0.2380	11.17	9.58	20.75	52.16	-31.41	AVG
7		0.2740	23.13	9.59	32.72	60.99	-28.27	QP
8		0.2740	13.95	9.59	23.54	50.99	-27.45	AVG
9		0.5100	24.85	9.60	34.45	56.00	-21.55	QP
10	*	0.5100	23.53	9.60	33.13	46.00	-12.87	AVG
11		1.9700	4.65	9.61	14.26	56.00	-41.74	QP
12		1.9700	-3.83	9.61	5.78	46.00	-40.22	AVG

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

Emission Level= Read Level+ Correct Factor

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 12V		
Terminal:	GND		
Test Mode:	Charging with TX 802.11a Mode CH36		
Remark:	Only worse case is reported		

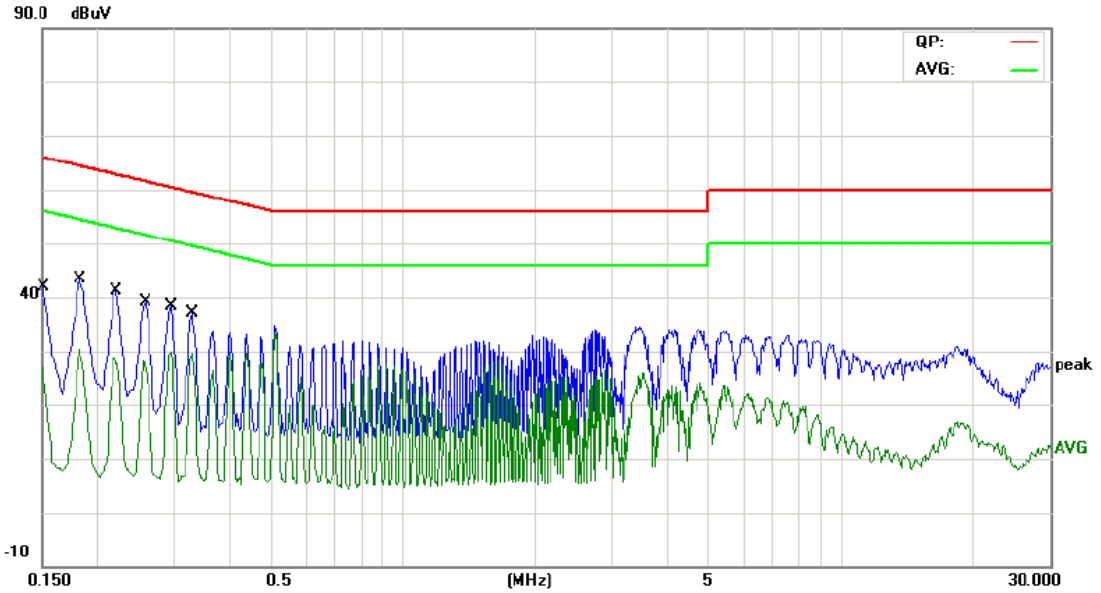


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	*	0.1580	30.70	9.64	40.34	65.56	-25.22	QP
2		0.1580	16.52	9.64	26.16	55.56	-29.40	AVG
3		0.1980	28.07	9.65	37.72	63.69	-25.97	QP
4		0.1980	15.57	9.65	25.22	53.69	-28.47	AVG
5		0.2380	23.40	9.62	33.02	62.16	-29.14	QP
6		0.2380	12.03	9.62	21.65	52.16	-30.51	AVG
7		0.2740	21.10	9.59	30.69	60.99	-30.30	QP
8		0.2740	10.31	9.59	19.90	50.99	-31.09	AVG
9		3.6540	16.23	9.70	25.93	56.00	-30.07	QP
10		3.6540	5.48	9.70	15.18	46.00	-30.82	AVG
11		18.9460	14.01	10.64	24.65	60.00	-35.35	QP
12		18.9460	3.24	10.64	13.88	50.00	-36.12	AVG

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

Emission Level= Read Level+ Correct Factor

Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 24V		
Terminal:	VCC		
Test Mode:	Charging with TX 802.11a Mode CH36		
Remark:	Only worse case is reported		

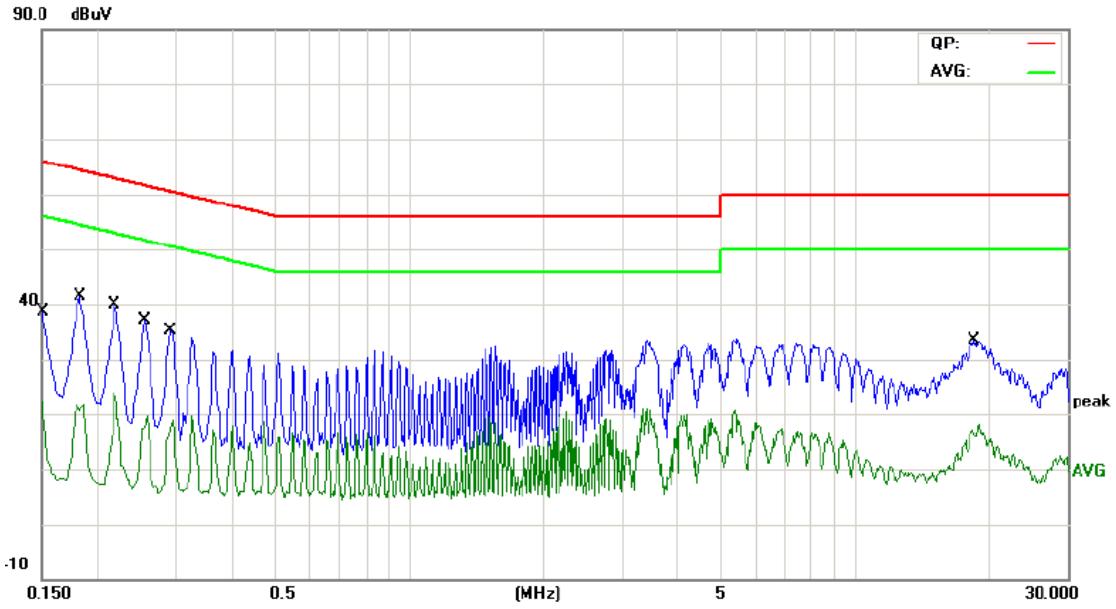


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1499	-8.67	9.58	0.91	66.00	-65.09	QP
2		0.1499	-10.52	9.58	-0.94	56.00	-56.94	AVG
3		0.1819	31.57	9.58	41.15	64.39	-23.24	QP
4		0.1819	19.46	9.58	29.04	54.39	-25.35	AVG
5		0.2220	25.77	9.58	35.35	62.74	-27.39	QP
6		0.2220	15.71	9.58	25.29	52.74	-27.45	AVG
7		0.2580	24.05	9.59	33.64	61.49	-27.85	QP
8		0.2580	15.40	9.59	24.99	51.49	-26.50	AVG
9		0.2940	26.35	9.59	35.94	60.41	-24.47	QP
10	*	0.2940	20.25	9.59	29.84	50.41	-20.57	AVG
11		0.3300	22.54	9.59	32.13	59.45	-27.32	QP
12		0.3300	18.51	9.59	28.10	49.45	-21.35	AVG

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

Emission Level= Read Level+ Correct Factor

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 24V		
Terminal:	GND		
Test Mode:	Charging with TX 802.11a Mode CH36		
Remark:	Only worse case is reported		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1		0.1500	25.33	9.64	34.97	65.99	-31.02	QP
2		0.1500	8.95	9.64	18.59	55.99	-37.40	AVG
3	*	0.1819	30.26	9.65	39.91	64.39	-24.48	QP
4		0.1819	12.96	9.65	22.61	54.39	-31.78	AVG
5		0.2180	28.57	9.64	38.21	62.89	-24.68	QP
6		0.2180	11.71	9.64	21.35	52.89	-31.54	AVG
7		0.2540	25.91	9.61	35.52	61.62	-26.10	QP
8		0.2540	9.76	9.61	19.37	51.62	-32.25	AVG
9		0.2900	24.56	9.58	34.14	60.52	-26.38	QP
10		0.2900	9.78	9.58	19.36	50.52	-31.16	AVG
11		18.4660	16.26	10.64	26.90	60.00	-33.10	QP
12		18.4660	3.99	10.64	14.63	50.00	-35.37	AVG

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

Emission Level= Read Level+ Correct Factor

Attachment B-- Radiated Emission Test Data

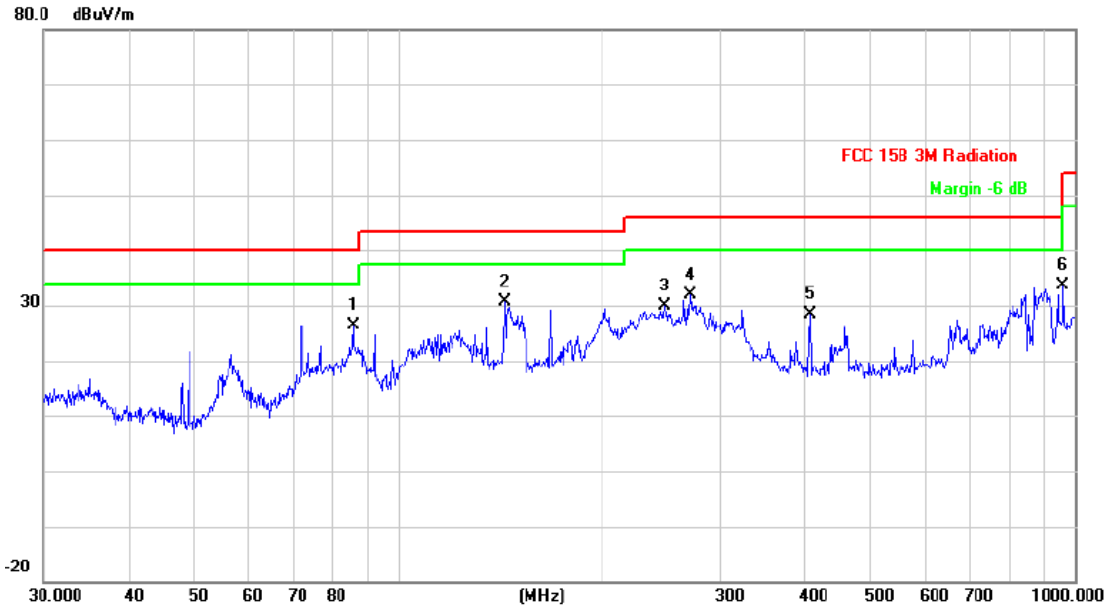
9 KHz~30 MHz

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

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		
Remark:	Only worse case is reported		

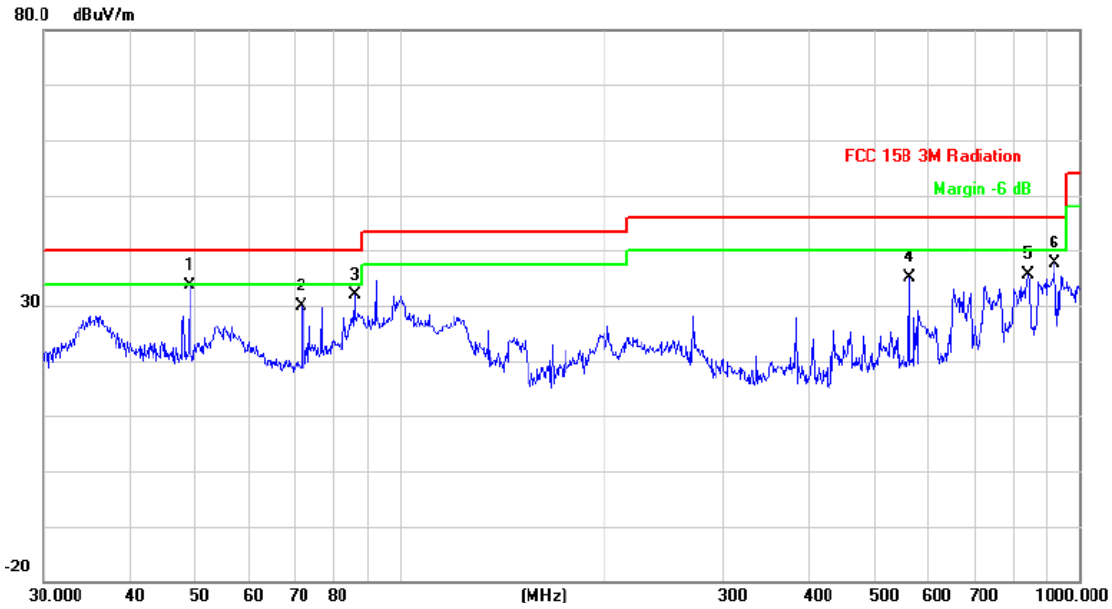


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		85.8983	49.39	-22.99	26.40	40.00	-13.60	QP
2	*	143.8294	52.04	-21.51	30.53	43.50	-12.97	QP
3		247.6819	47.74	-17.81	29.93	46.00	-16.07	QP
4		270.3747	49.17	-17.26	31.91	46.00	-14.09	QP
5		406.0880	40.72	-12.36	28.36	46.00	-17.64	QP
6		962.1622	36.87	-3.23	33.64	54.00	-20.36	QP

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

Emission Level= Read Level+ Correct Factor

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		
Remark:	Only worse case is reported		



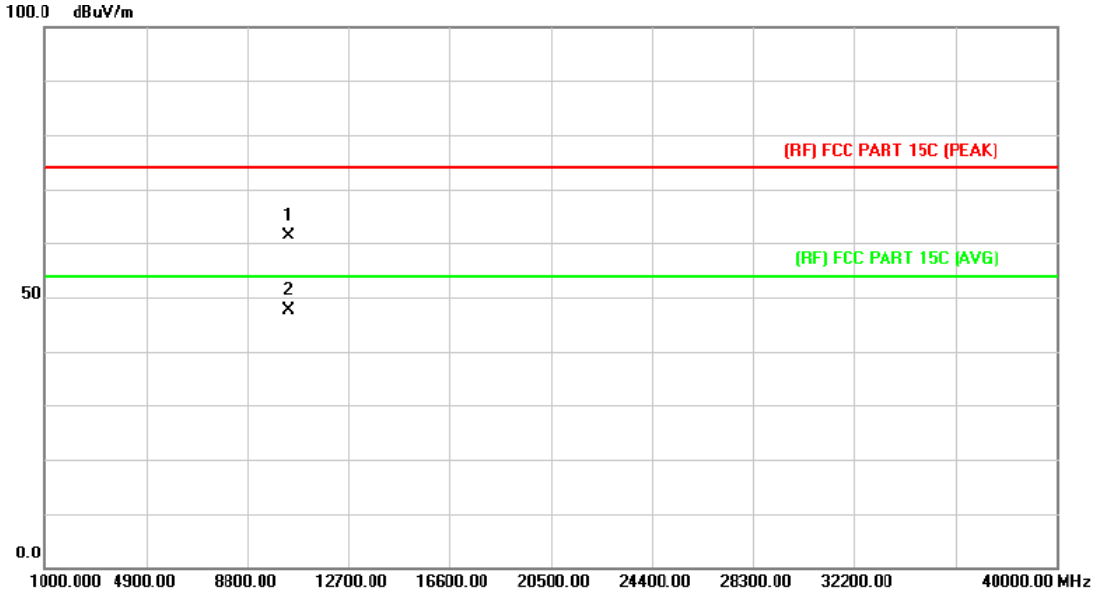
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	49.0145	57.65	-24.07	33.58	40.00	-6.42	QP
2		71.8320	53.46	-23.63	29.83	40.00	-10.17	QP
3		85.8984	54.96	-22.99	31.97	40.00	-8.03	QP
4		562.6624	44.64	-9.48	35.16	46.00	-10.84	QP
5		842.1296	40.85	-5.24	35.61	46.00	-10.39	QP
6		922.5157	41.04	-3.33	37.71	46.00	-8.29	QP

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

Emission Level= Read Level+ Correct Factor

5180MHz-5250MHz(U-NII-1)

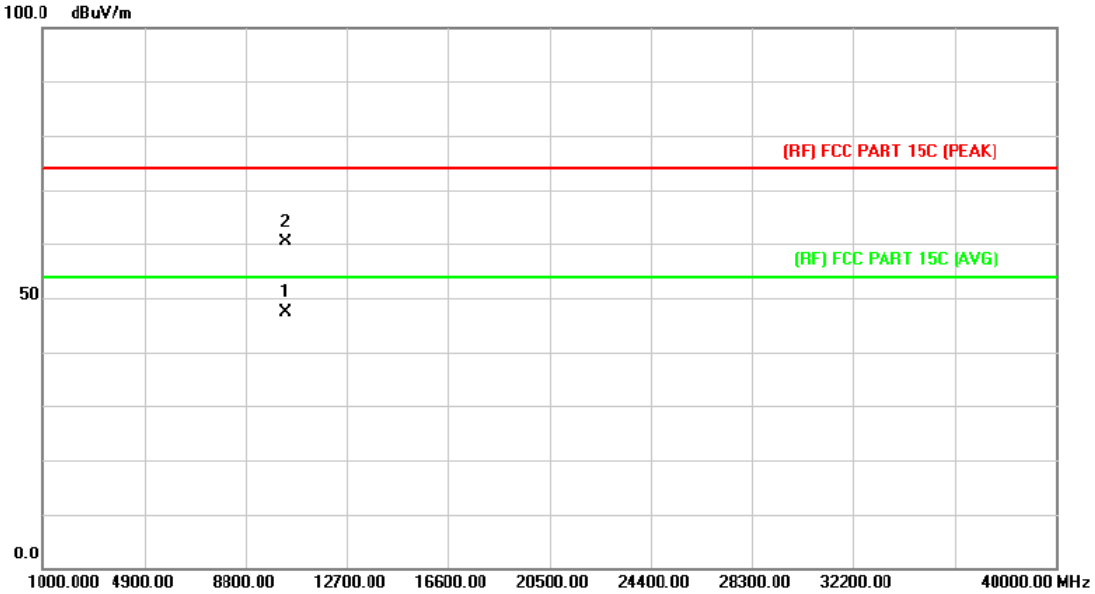
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10361.452	45.73	15.60	61.33	74.00	-12.67	peak
2	*	10364.624	32.02	15.60	47.62	54.00	-6.38	AVG

Emission Level= Read Level+ Correct Factor

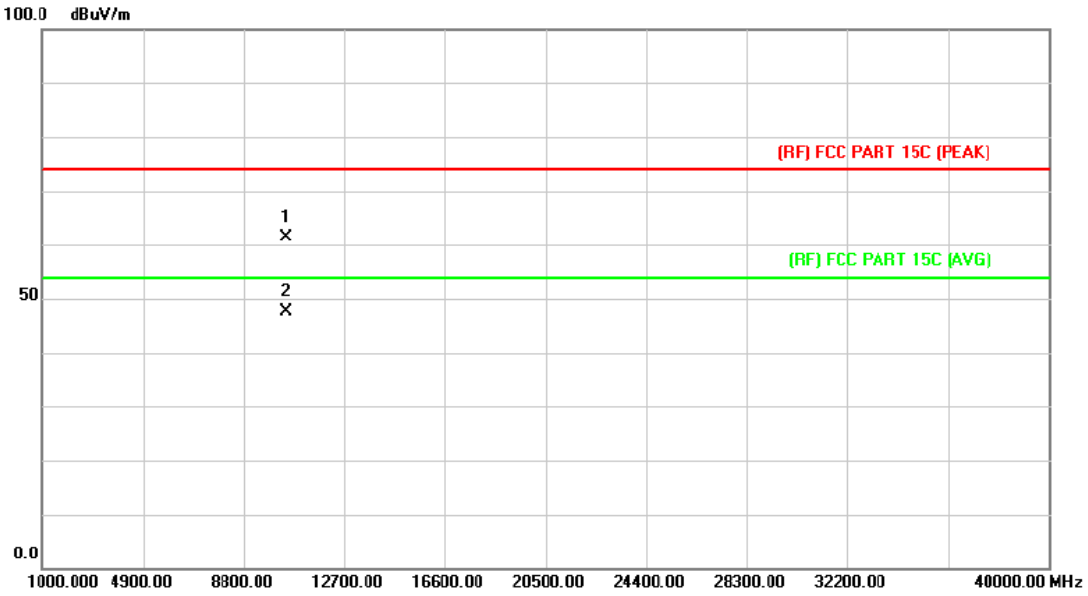
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10358.251	31.80	15.57	47.37	54.00	-6.63	AVG
2		10359.562	44.81	15.58	60.39	74.00	-13.61	peak

Emission Level= Read Level+ Correct Factor

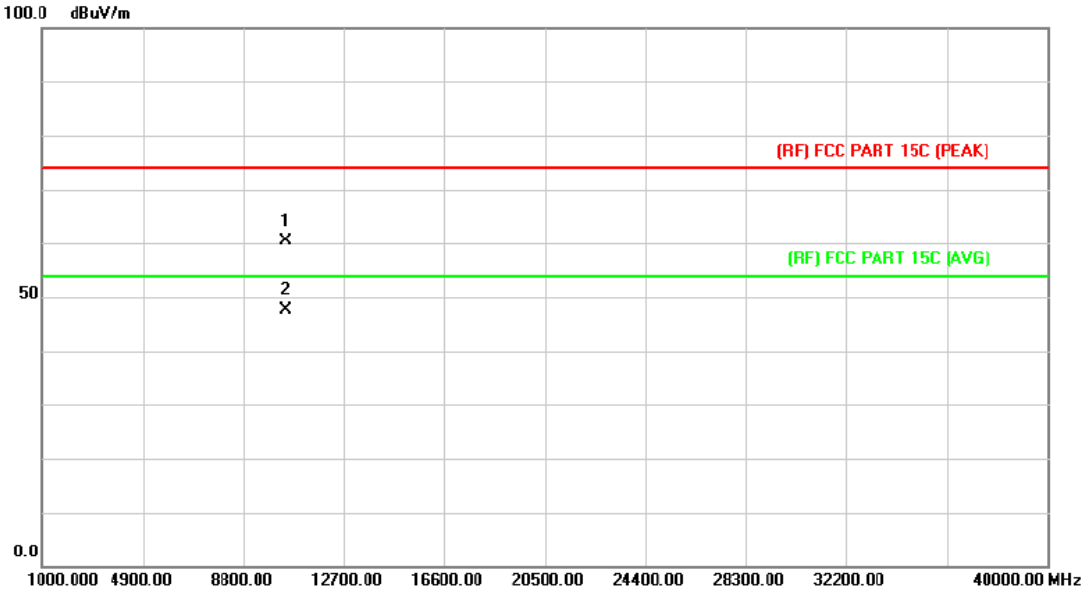
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10400.152	45.61	15.73	61.34	74.00	-12.66	peak
2	*	10401.813	31.95	15.73	47.68	54.00	-6.32	AVG

Emission Level= Read Level+ Correct Factor

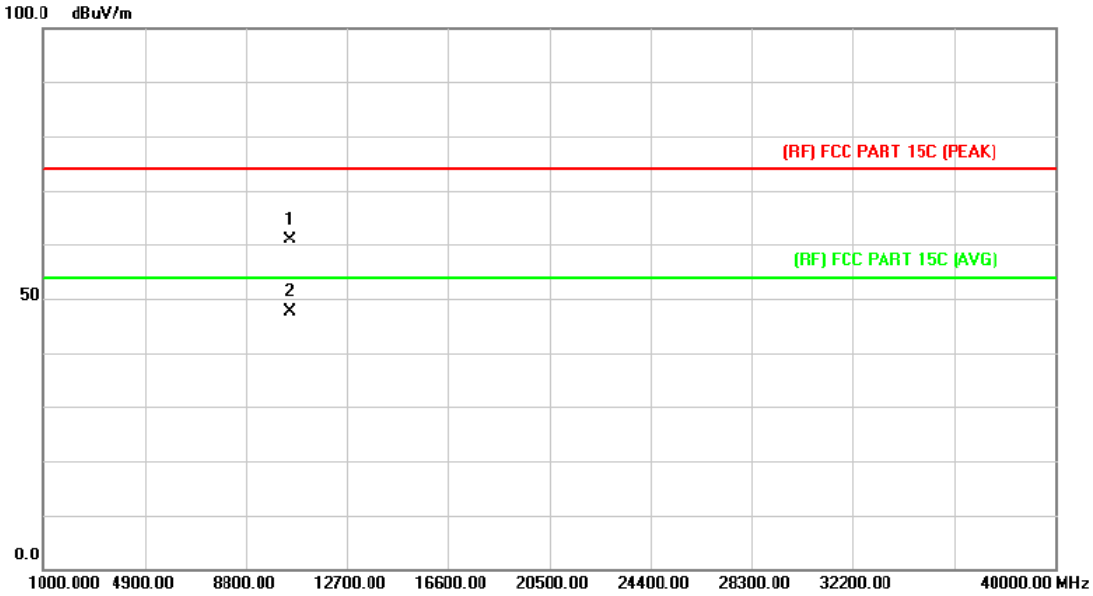
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10401.352	44.59	15.73	60.32	74.00	-13.68	peak
2	*	10402.512	31.83	15.73	47.56	54.00	-6.44	AVG

Emission Level= Read Level+ Correct Factor

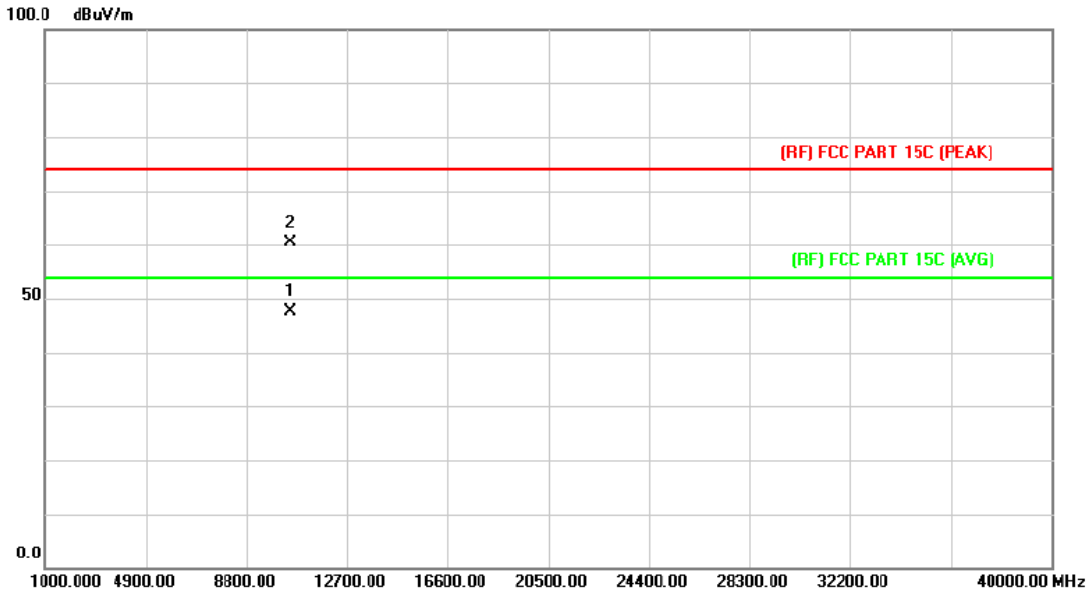
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10478.521	44.99	15.79	60.78	74.00	-13.22	peak
2	*	10481.621	31.81	15.79	47.60	54.00	-6.40	AVG

Emission Level= Read Level+ Correct Factor

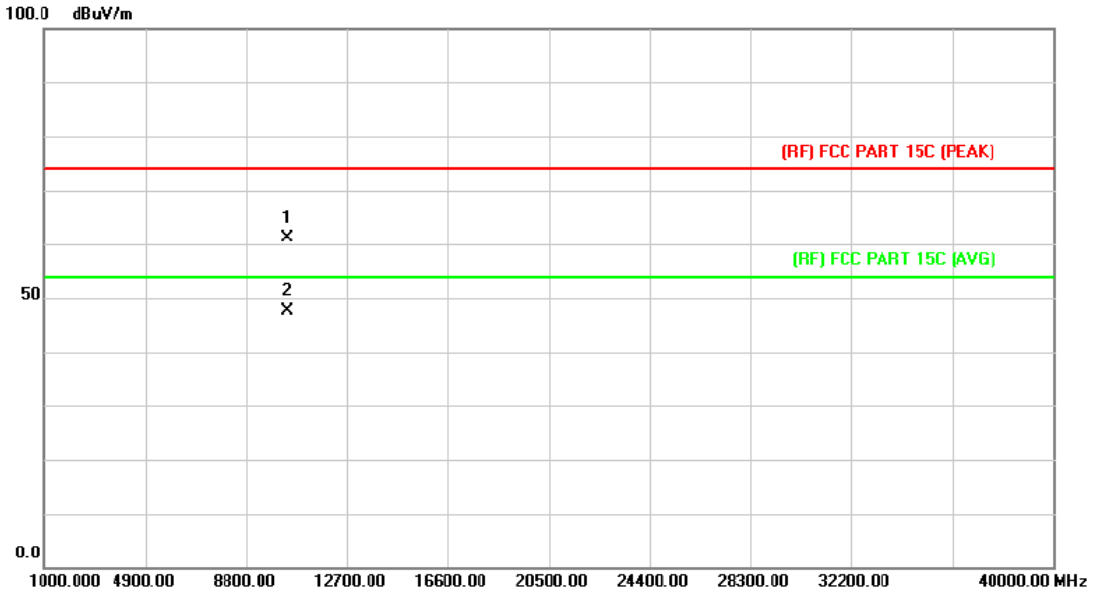
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10479.521	31.87	15.79	47.66	54.00	-6.34	AVG
2		10481.512	44.49	15.79	60.28	74.00	-13.72	peak

Emission Level= Read Level+ Correct Factor

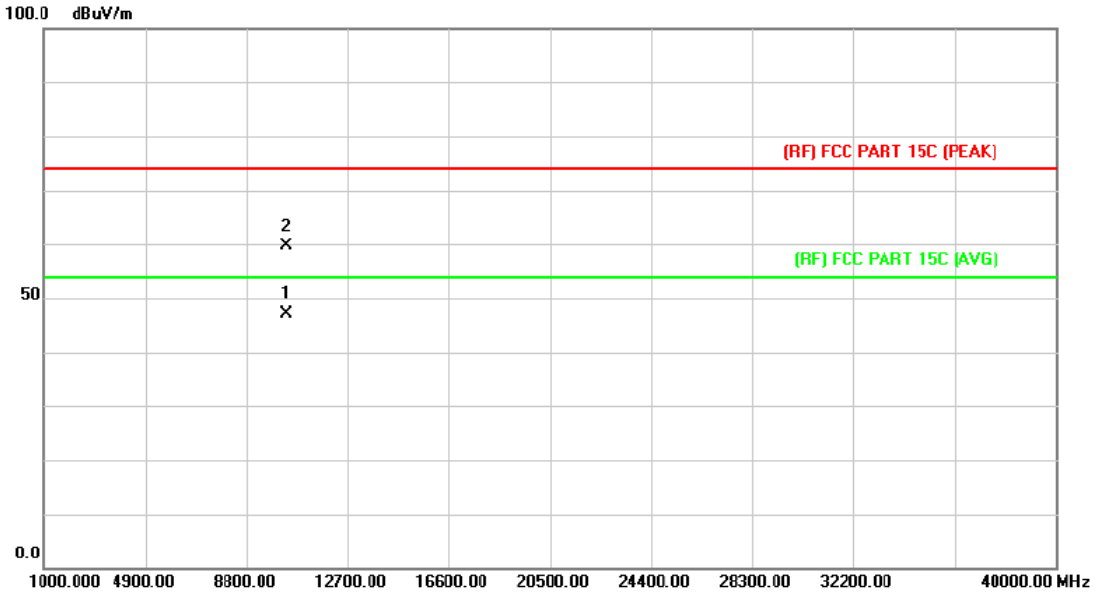
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10361.652	45.63	15.60	61.23	74.00	-12.77	peak
2	*	10365.452	31.98	15.60	47.58	54.00	-6.42	AVG

Emission Level= Read Level+ Correct Factor

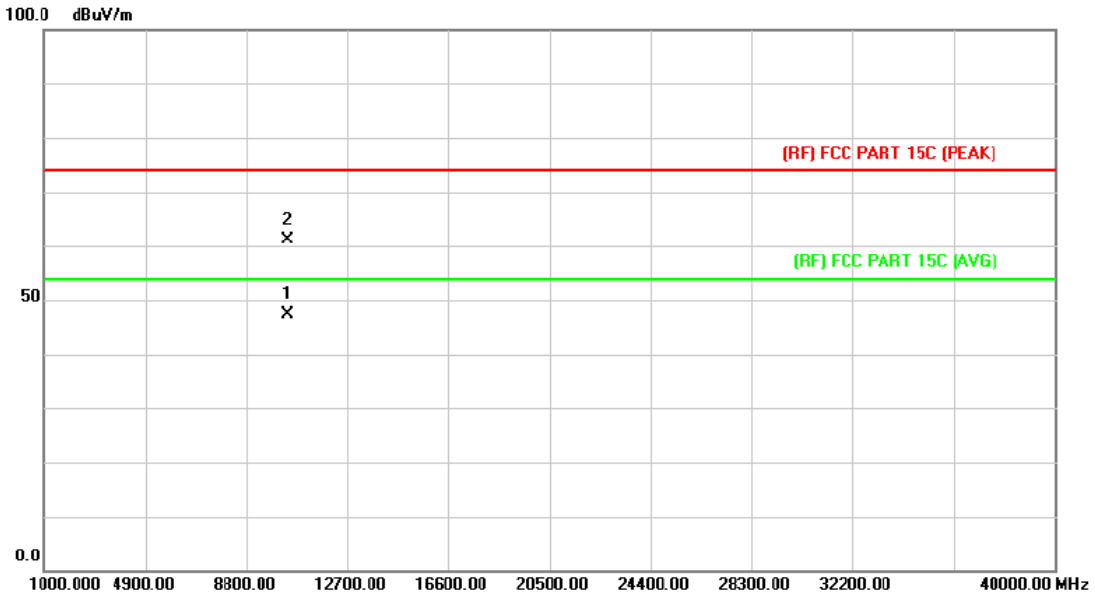
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10358.581	31.58	15.57	47.15	54.00	-6.85	AVG
2		10359.625	44.10	15.58	59.68	74.00	-14.32	peak

Emission Level= Read Level+ Correct Factor

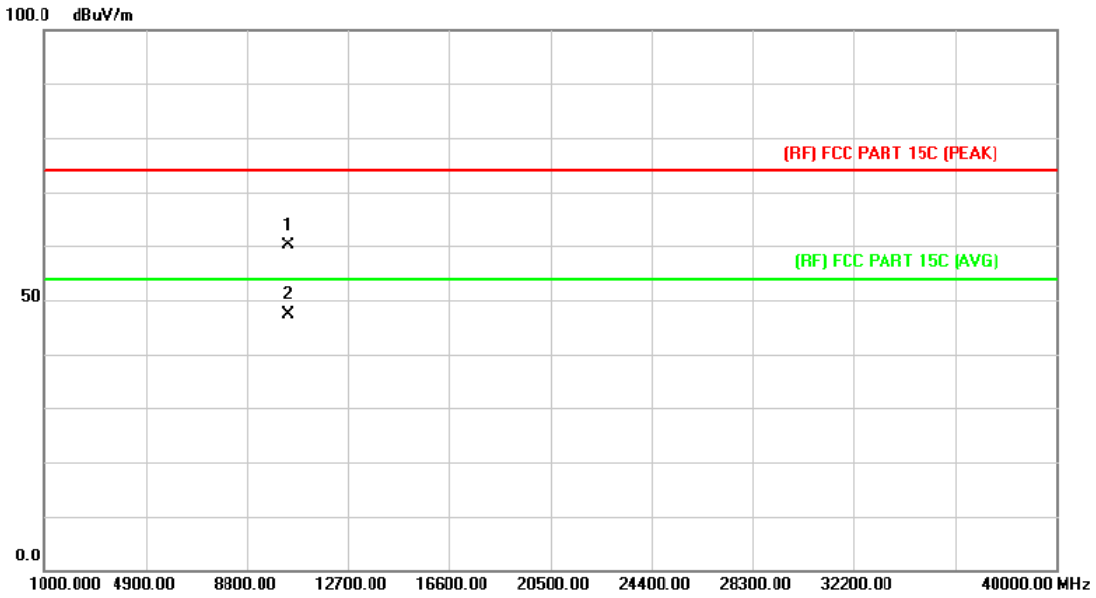
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10400.562	31.80	15.66	47.46	54.00	-6.54	AVG
2		10401.512	45.58	15.66	61.24	74.00	-12.76	peak

Emission Level= Read Level+ Correct Factor

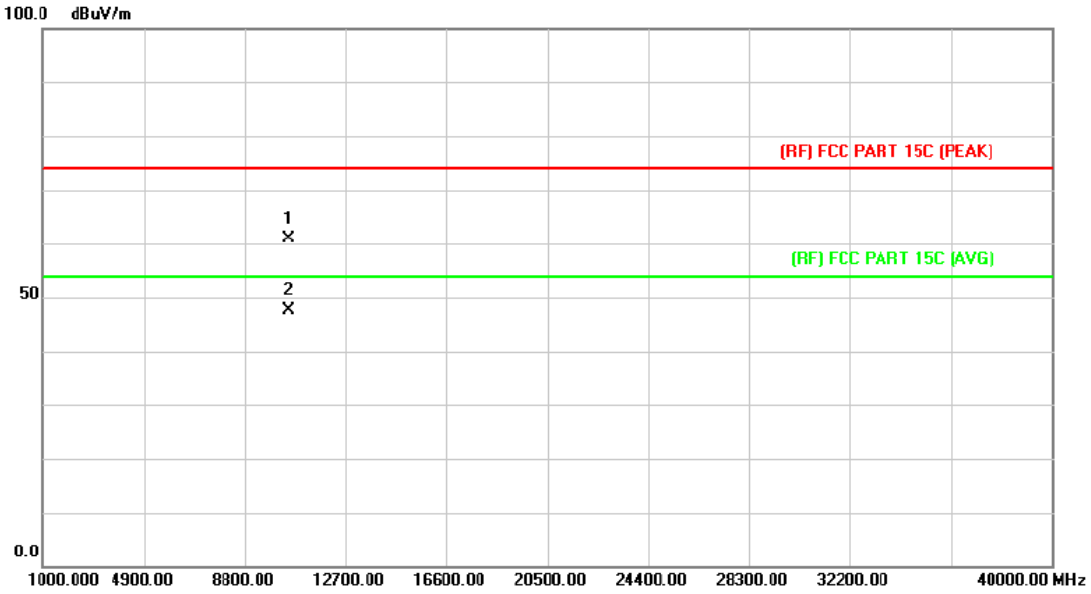
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10400.652	44.50	15.66	60.16	74.00	-13.84	peak
2	*	10402.485	31.61	15.66	47.27	54.00	-6.73	AVG

Emission Level= Read Level+ Correct Factor

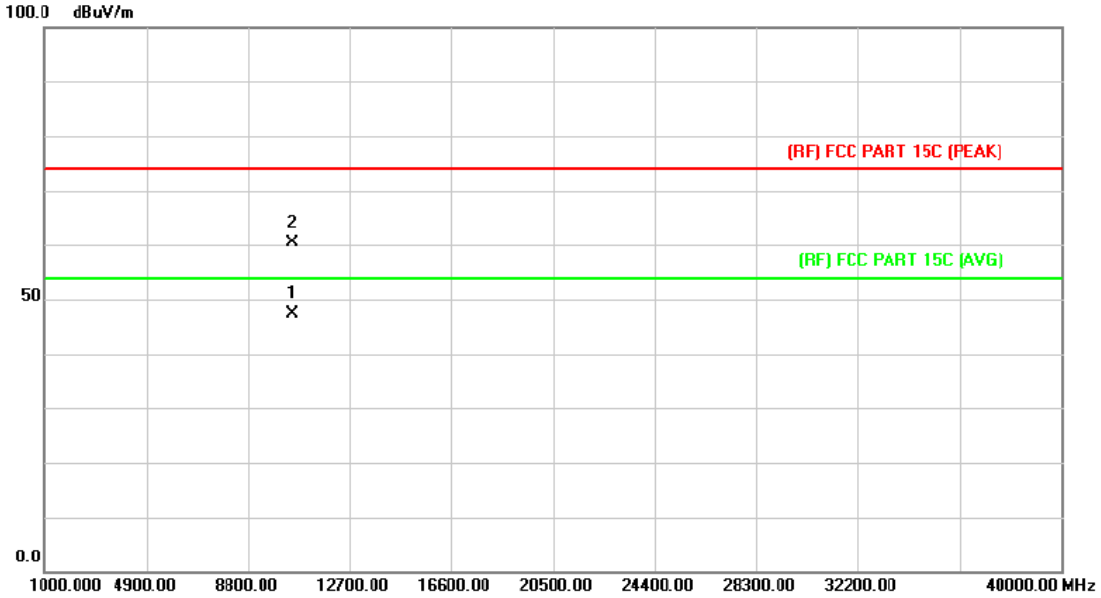
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10478.562	45.10	15.79	60.89	74.00	-13.11	peak
2	*	10480.485	31.86	15.79	47.65	54.00	-6.35	AVG

Emission Level= Read Level+ Correct Factor

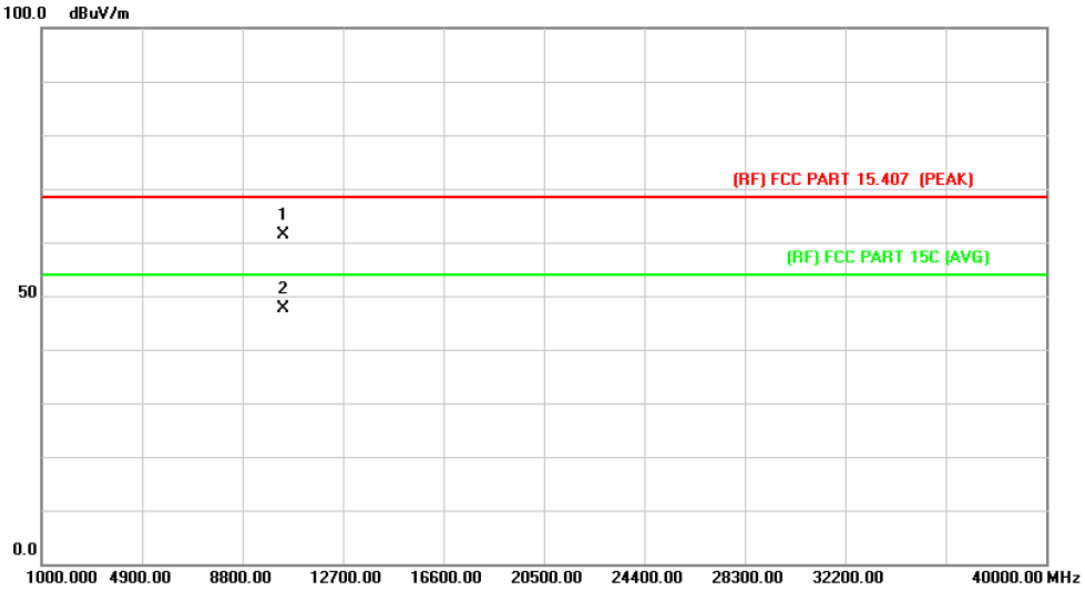
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10478.562	31.71	15.79	47.50	54.00	-6.50	AVG
2		10481.562	44.57	15.79	60.36	74.00	-13.64	peak

Emission Level= Read Level+ Correct Factor

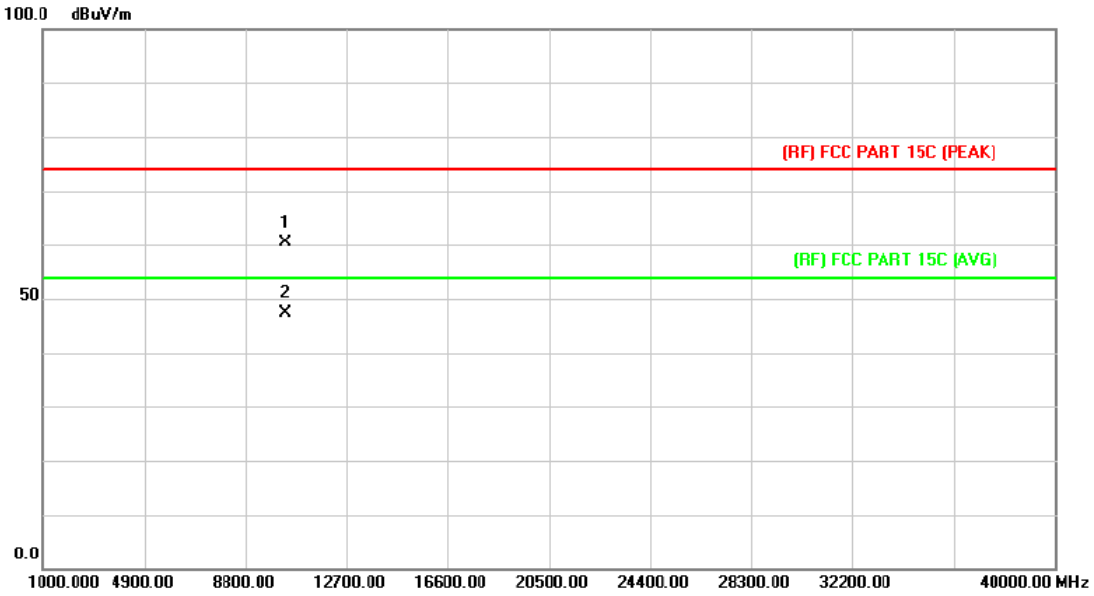
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10361.264	45.73	15.60	61.33	68.30	-6.97	peak
2	*	10364.458	32.02	15.60	47.62	54.00	-6.38	AVG

Emission Level= Read Level+ Correct Factor

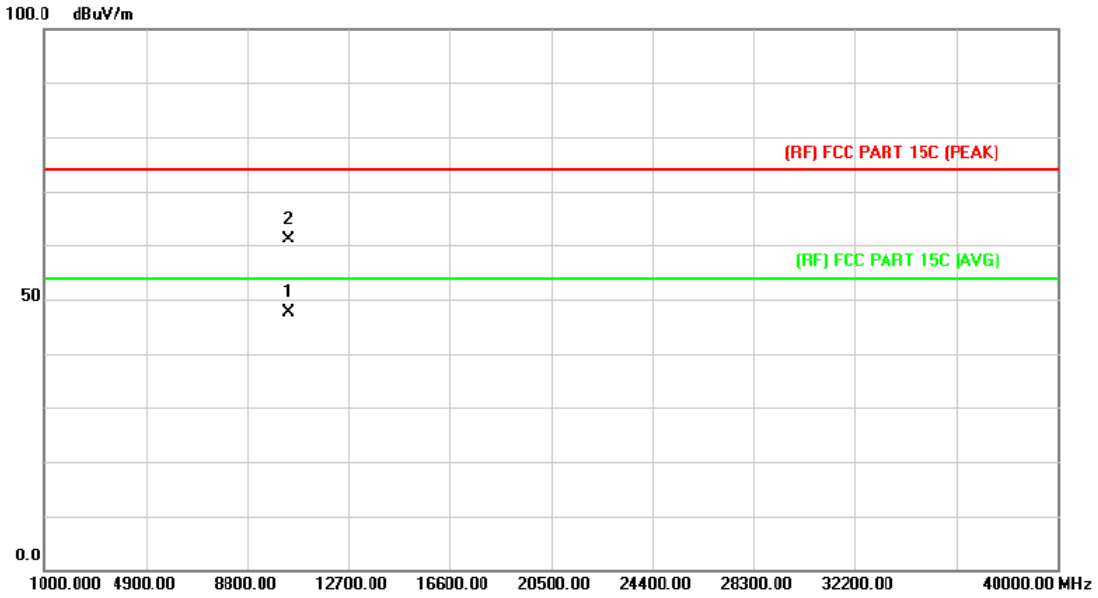
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5180MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10358.960	44.80	15.57	60.37	74.00	-13.63	peak
2	*	10359.942	31.68	15.58	47.26	54.00	-6.74	AVG

Emission Level= Read Level+ Correct Factor

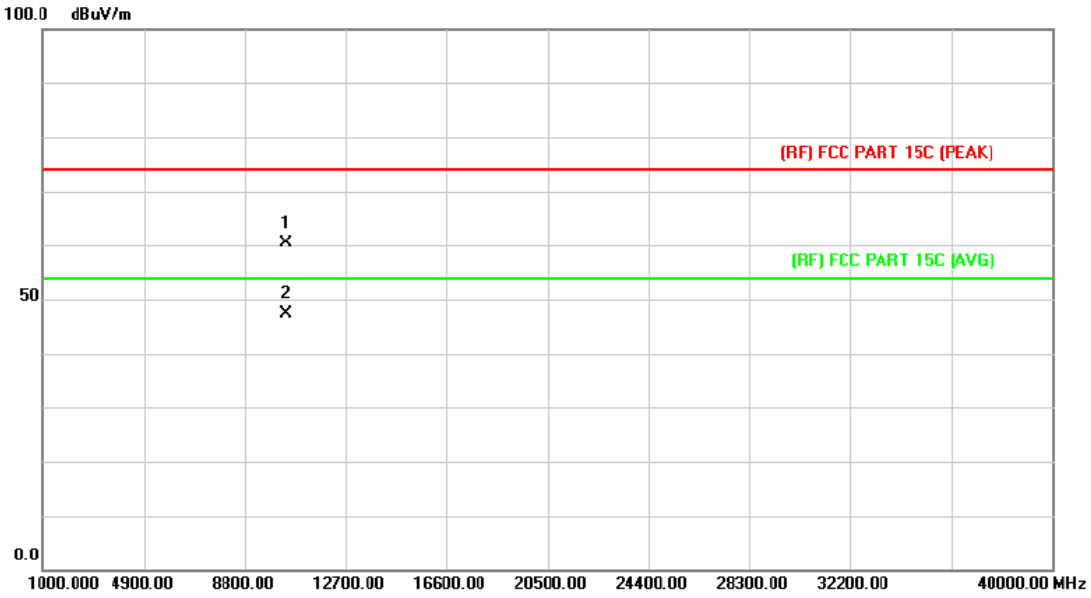
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10400.225	31.89	15.66	47.55	54.00	-6.45	AVG
2		10400.425	45.35	15.66	61.01	74.00	-12.99	peak

Emission Level= Read Level+ Correct Factor

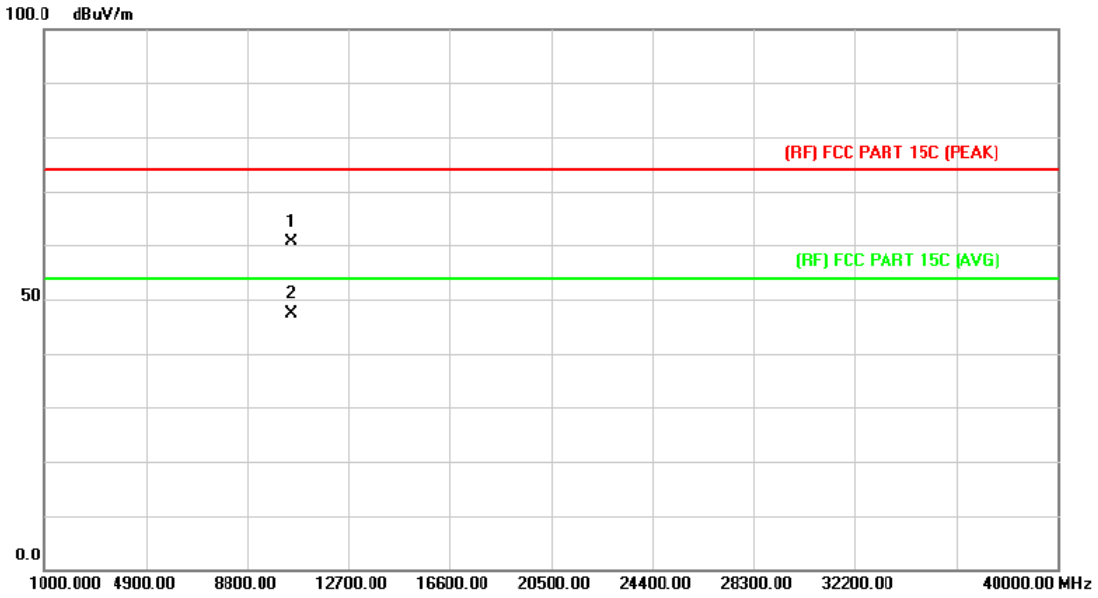
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5200MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10400.645	44.72	15.66	60.38	74.00	-13.62	peak
2	*	10401.176	31.84	15.66	47.50	54.00	-6.50	AVG

Emission Level= Read Level+ Correct Factor

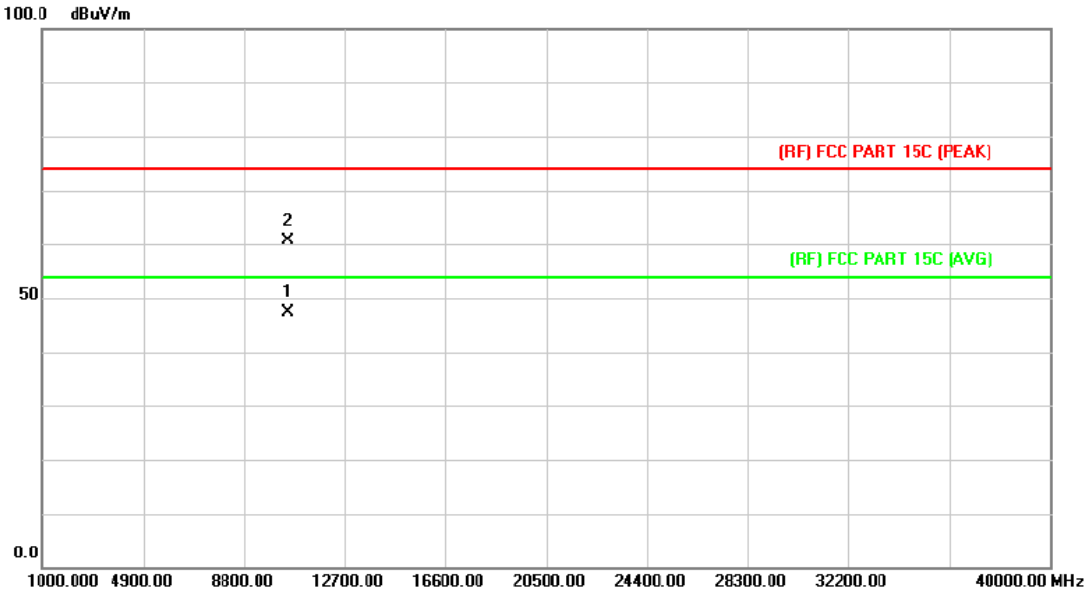
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10477.253	44.85	15.79	60.64	74.00	-13.36	peak
2	*	10479.604	31.70	15.79	47.49	54.00	-6.51	AVG

Emission Level= Read Level+ Correct Factor

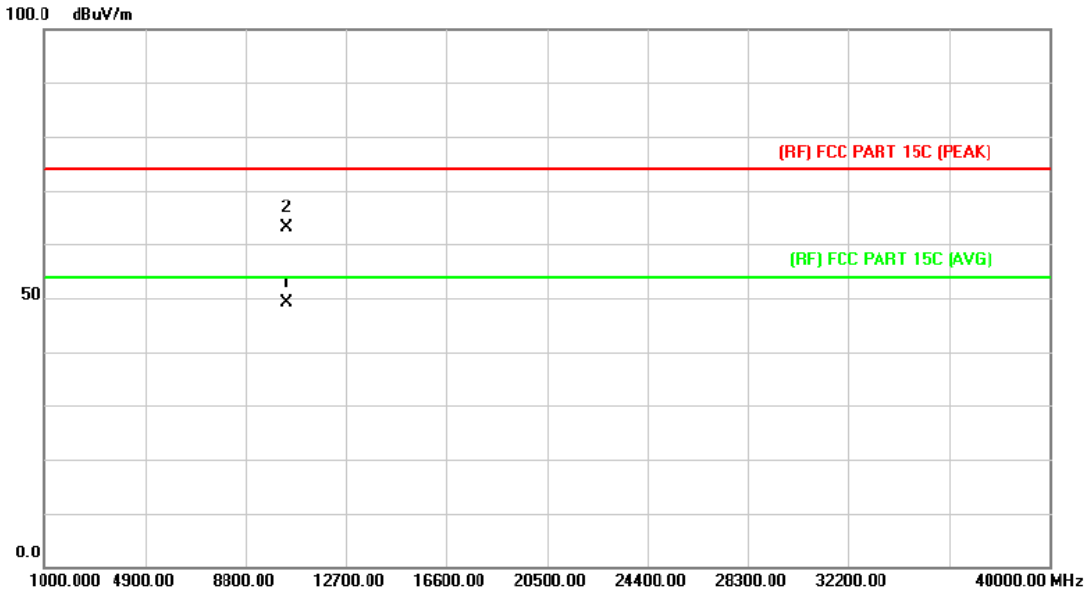
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5240MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10479.810	31.64	15.79	47.43	54.00	-6.57	AVG
2		10480.762	44.77	15.79	60.56	74.00	-13.44	peak

Emission Level= Read Level+ Correct Factor

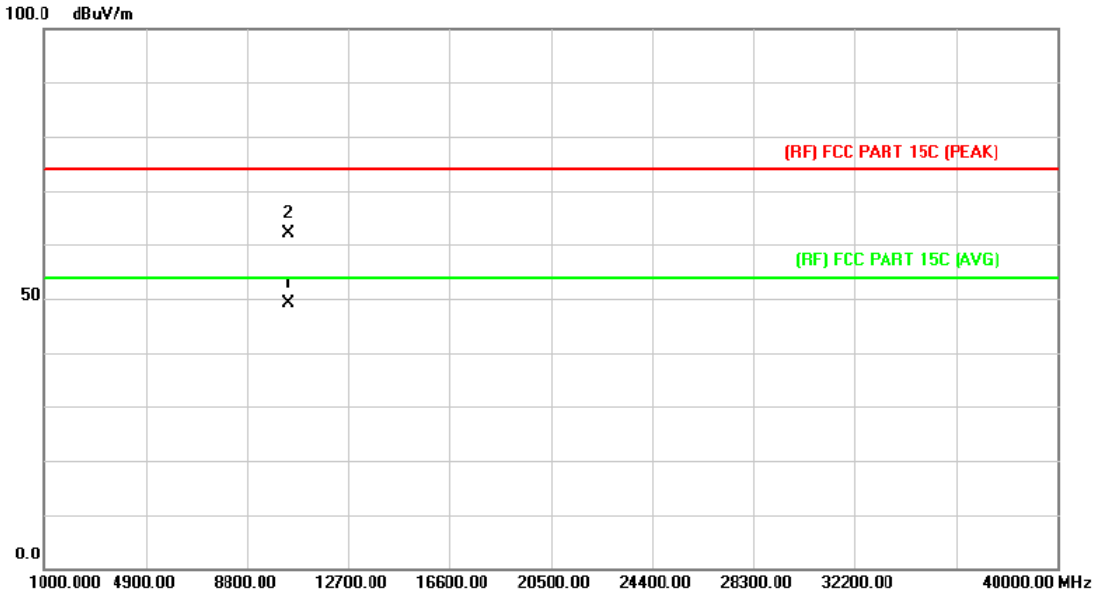
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n (40) Mode 5190MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10377.523	33.60	15.61	49.21	54.00	-4.79	AVG
2		10383.415	47.59	15.62	63.21	74.00	-10.79	peak

Emission Level= Read Level+ Correct Factor

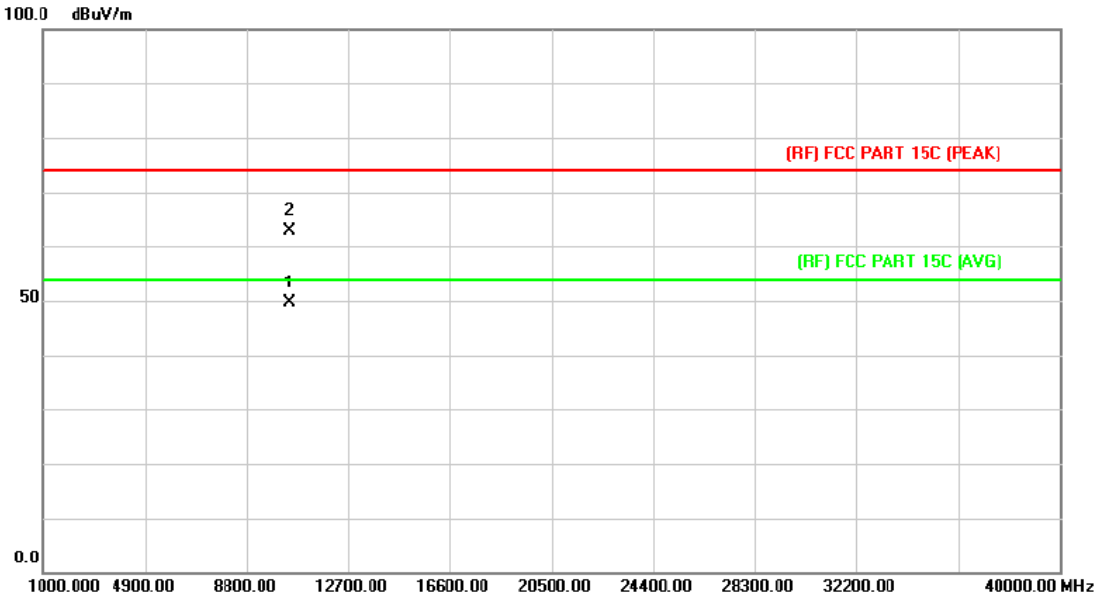
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n (40) Mode 5190MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10379.548	33.62	15.61	49.23	54.00	-4.77	AVG
2		10382.692	46.44	15.62	62.06	74.00	-11.94	peak

Emission Level= Read Level+ Correct Factor

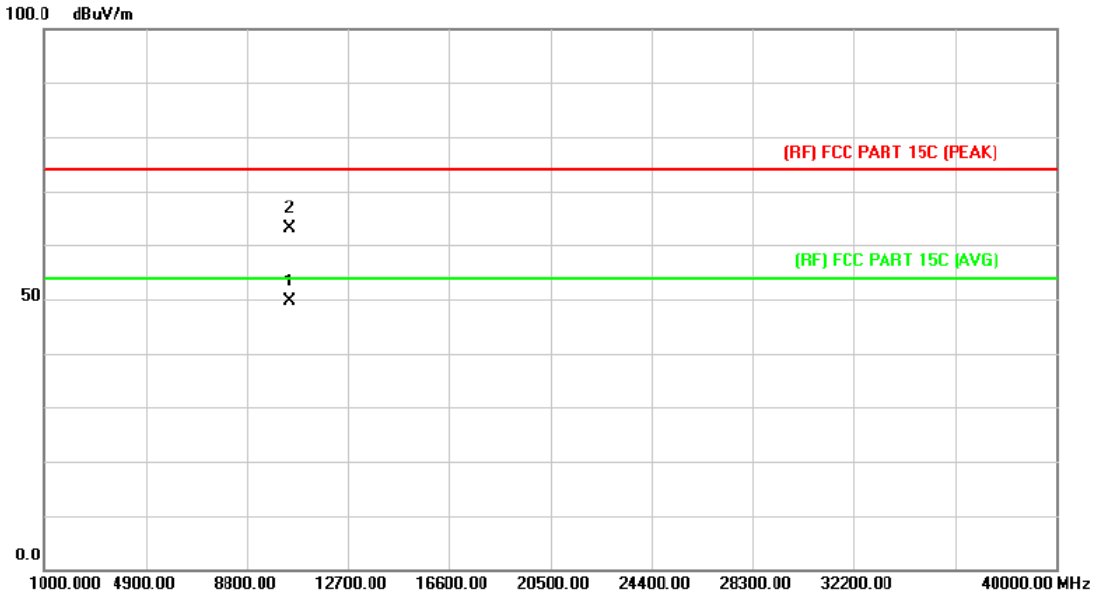
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n (40) Mode 5230MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10455.562	33.86	15.75	49.61	54.00	-4.39	AVG
2		10460.451	47.15	15.76	62.91	74.00	-11.09	peak

Emission Level= Read Level+ Correct Factor

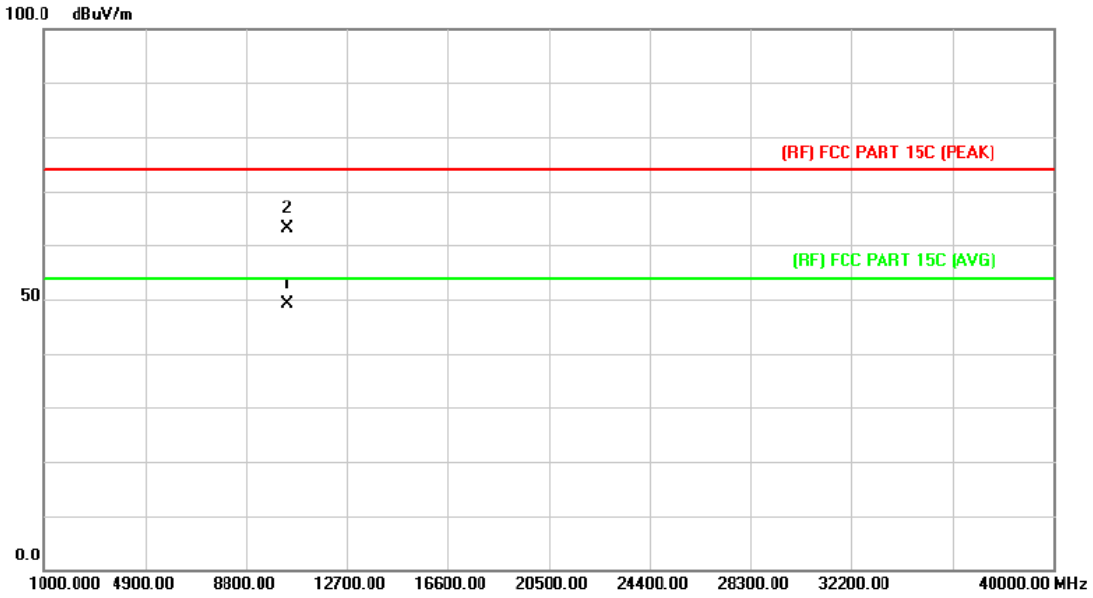
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n (40) Mode 5230MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10459.562	33.88	15.76	49.64	54.00	-4.36	AVG
2		10461.145	47.26	15.76	63.02	74.00	-10.98	peak

Emission Level= Read Level+ Correct Factor

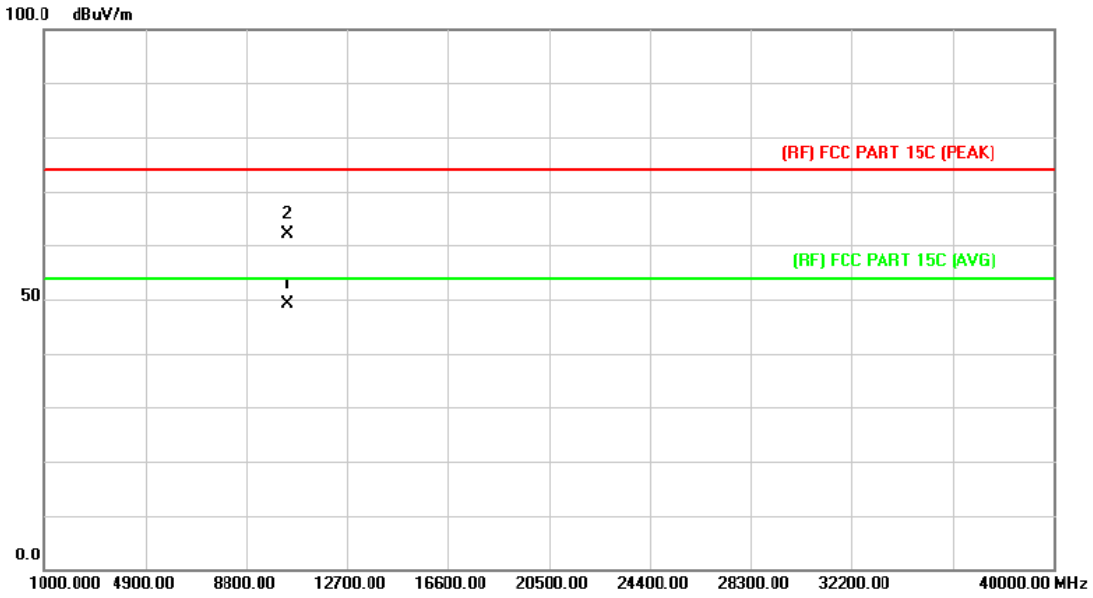
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac (40) Mode 5190MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10377.621	33.60	15.61	49.21	54.00	-4.79	AVG
2		10383.774	47.59	15.62	63.21	74.00	-10.79	peak

Emission Level= Read Level+ Correct Factor

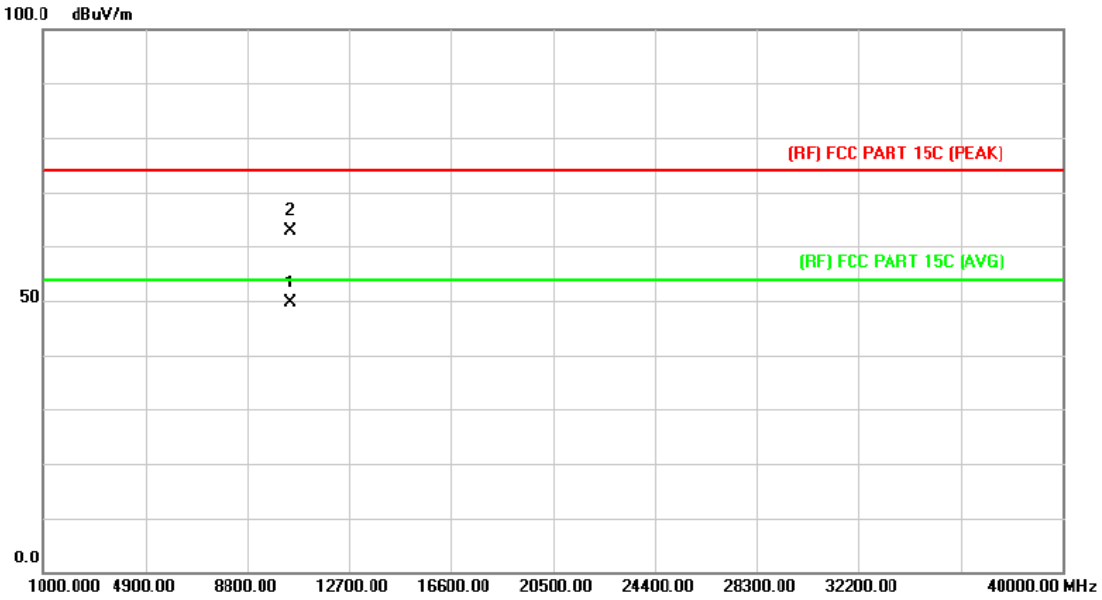
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac (40) Mode 5190MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10379.852	33.62	15.61	49.23	54.00	-4.77	AVG
2		10382.632	46.44	15.62	62.06	74.00	-11.94	peak

Emission Level= Read Level+ Correct Factor

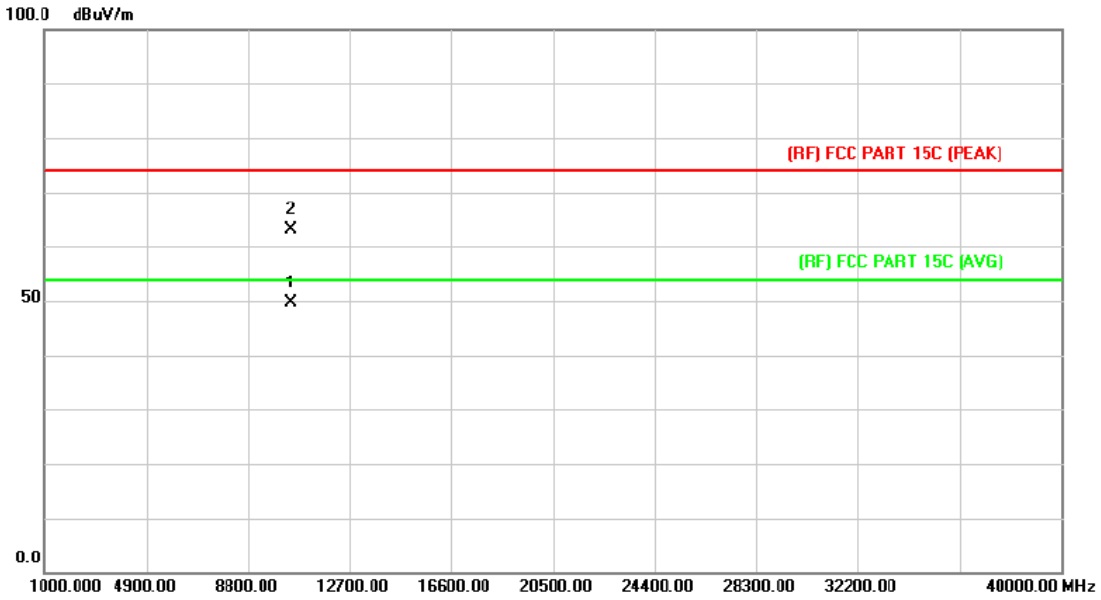
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac (40) Mode 5230MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10455.262	33.86	15.75	49.61	54.00	-4.39	AVG
2		10460.746	47.15	15.76	62.91	74.00	-11.09	peak

Emission Level= Read Level+ Correct Factor

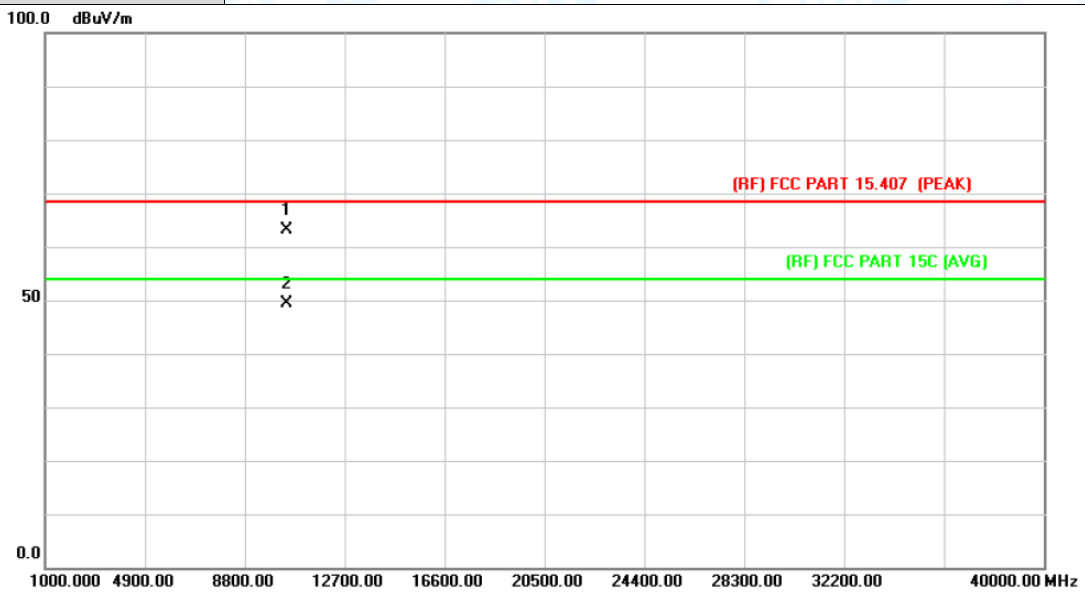
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac (40) Mode 5230MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10459.523	33.88	15.76	49.64	54.00	-4.36	AVG
2		10461.512	47.26	15.76	63.02	74.00	-10.98	peak

Emission Level= Read Level+ Correct Factor

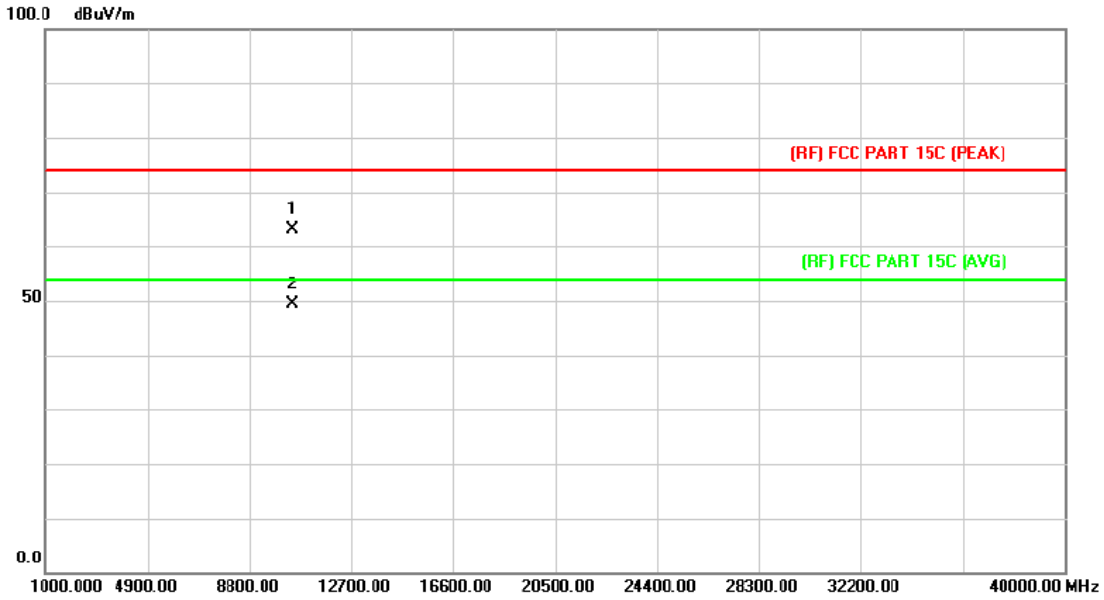
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac (80) Mode 5210MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10417.375	47.33	15.68	63.01	68.30	-5.29	peak
2	*	10424.475	33.64	15.70	49.34	54.00	-4.66	AVG

Emission Level= Read Level+ Correct Factor

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac (80) Mode 5210MHz (U-NII-1)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		

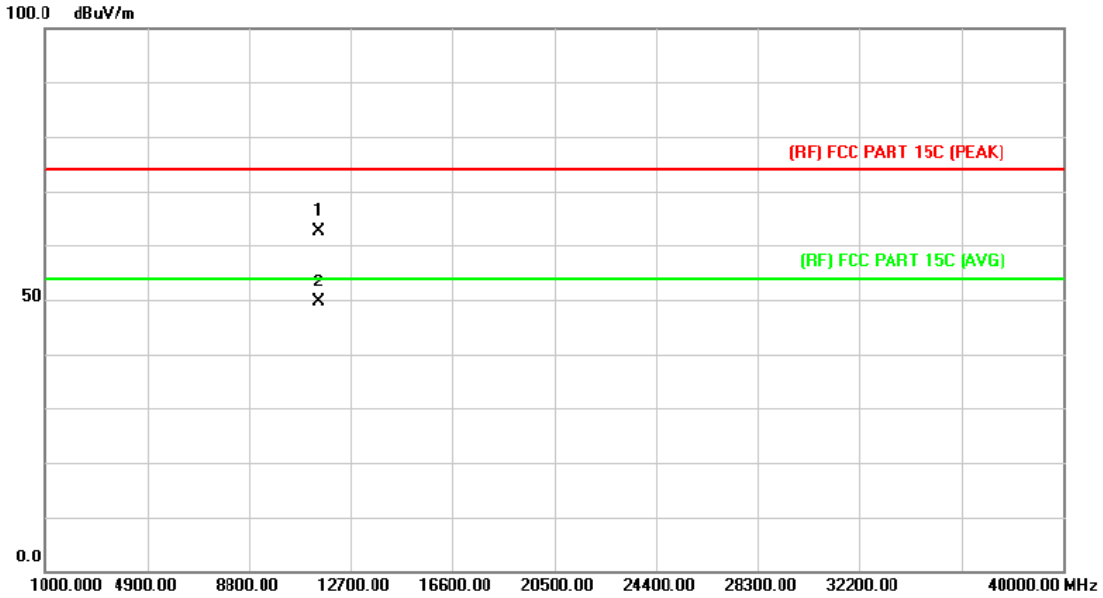


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10418.052	47.55	15.68	63.23	74.00	-10.77	peak
2	*	10420.692	33.70	15.69	49.39	54.00	-4.61	AVG

Emission Level= Read Level+ Correct Factor

5745MHz-5825MHz(U-NII-3)

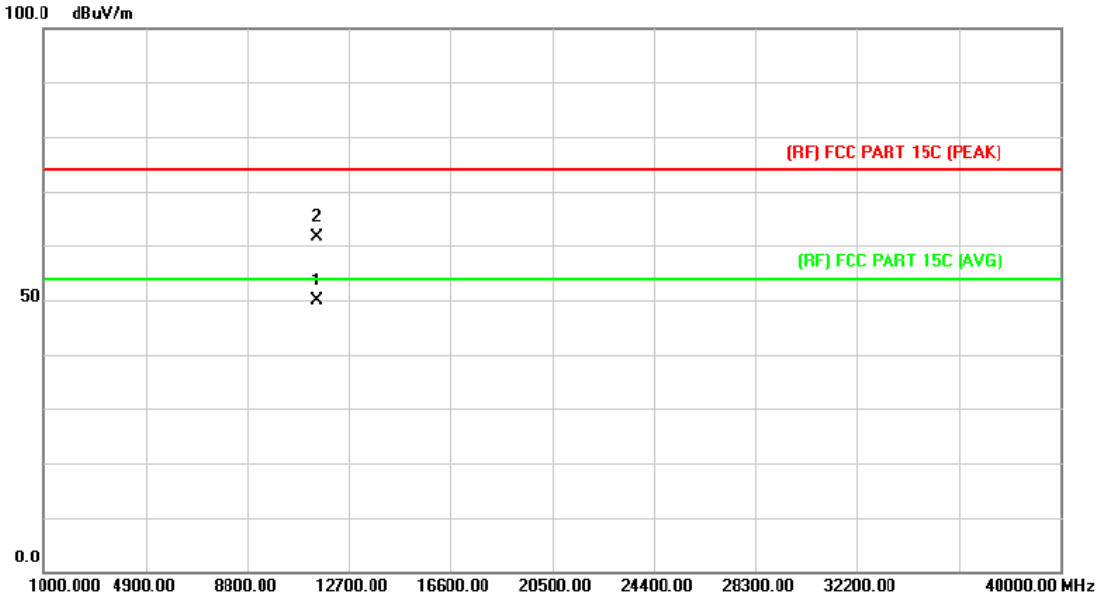
Test Voltage:	DC 3.7V
Ant. Pol.	Horizontal
Test Mode:	TX 802.11a Mode 5745MHz (U-NII-3)
Remark:	No report for the emission which more than 10 dB below the prescribed limit.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11489.621	46.04	16.64	62.68	74.00	-11.32	peak
2	*	11493.652	32.98	16.64	49.62	54.00	-4.38	AVG

Emission Level= Read Level+ Correct Factor

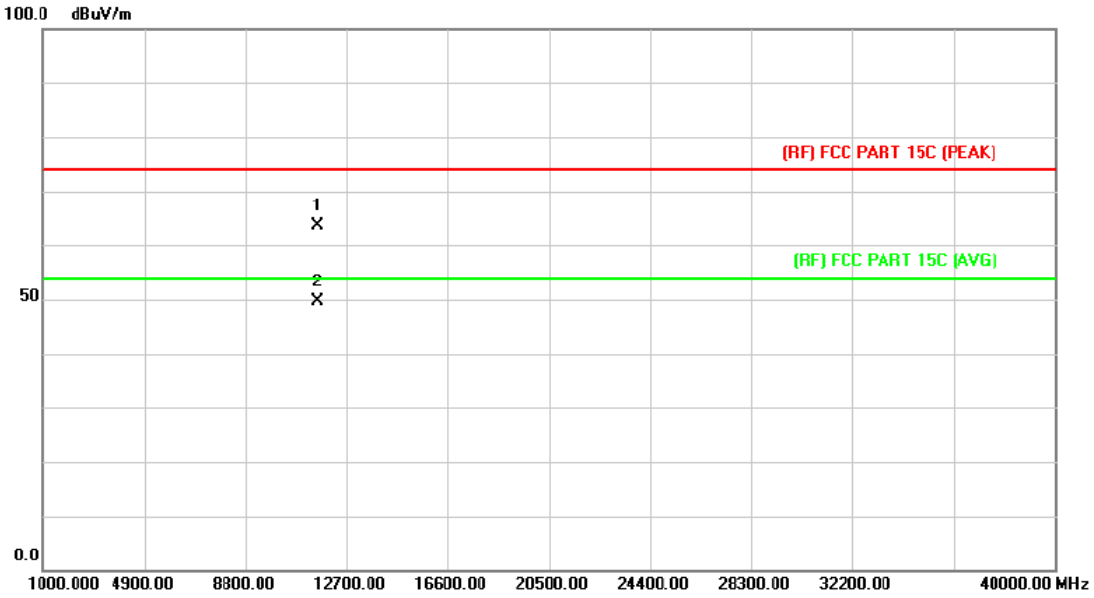
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5745MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11488.562	33.13	16.63	49.76	54.00	-4.24	AVG
2		11491.562	45.02	16.64	61.66	74.00	-12.34	peak

Emission Level= Read Level+ Correct Factor

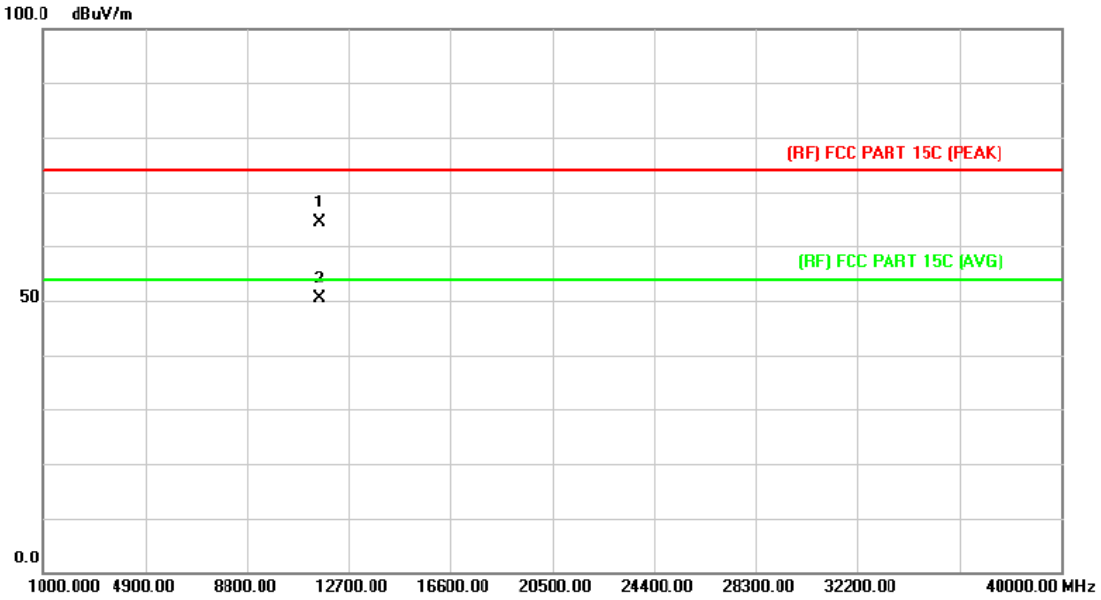
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11569.896	46.78	16.80	63.58	74.00	-10.42	peak
2	*	11571.693	32.93	16.80	49.73	54.00	-4.27	AVG

Emission Level= Read Level+ Correct Factor

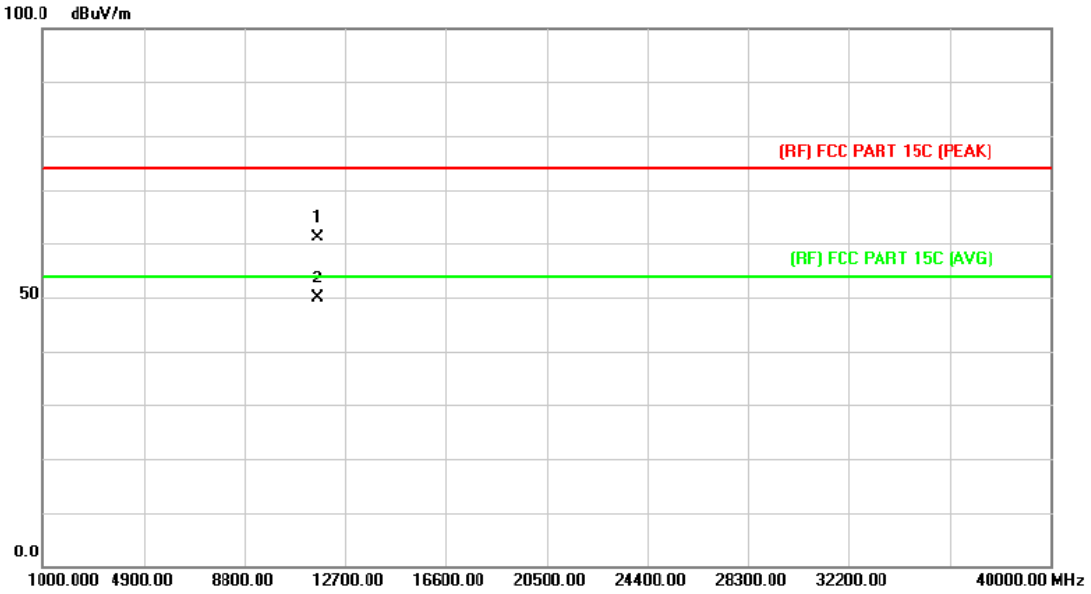
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11568.562	47.47	16.80	64.27	74.00	-9.73	peak
2	*	11571.452	33.56	16.80	50.36	54.00	-3.64	AVG

Emission Level= Read Level+ Correct Factor

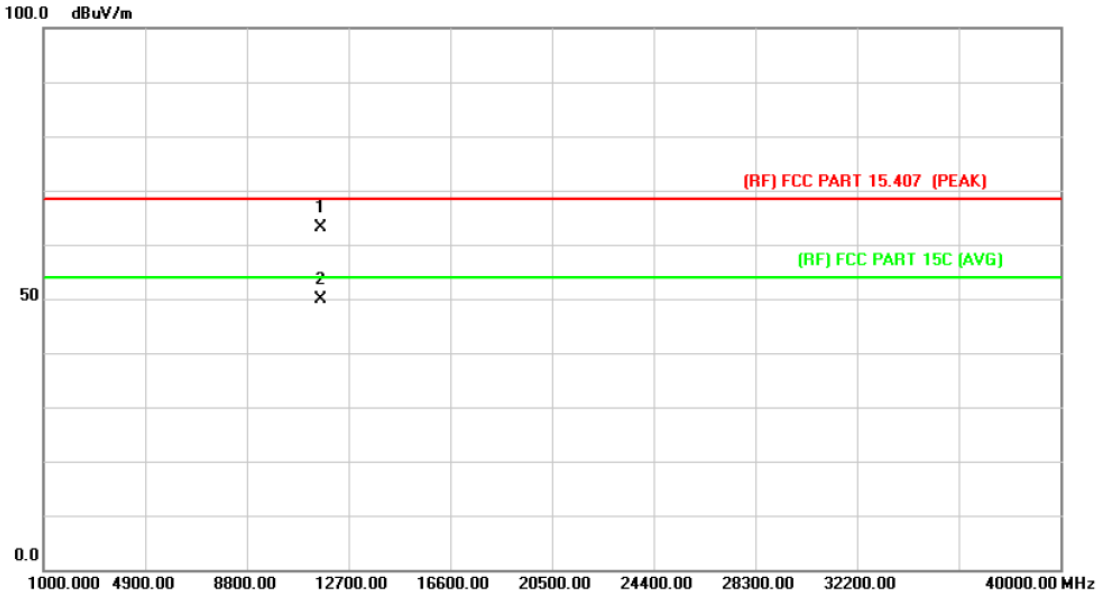
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11649.562	44.14	16.99	61.13	74.00	-12.87	peak
2	*	11652.551	32.80	16.99	49.79	54.00	-4.21	AVG

Emission Level= Read Level+ Correct Factor

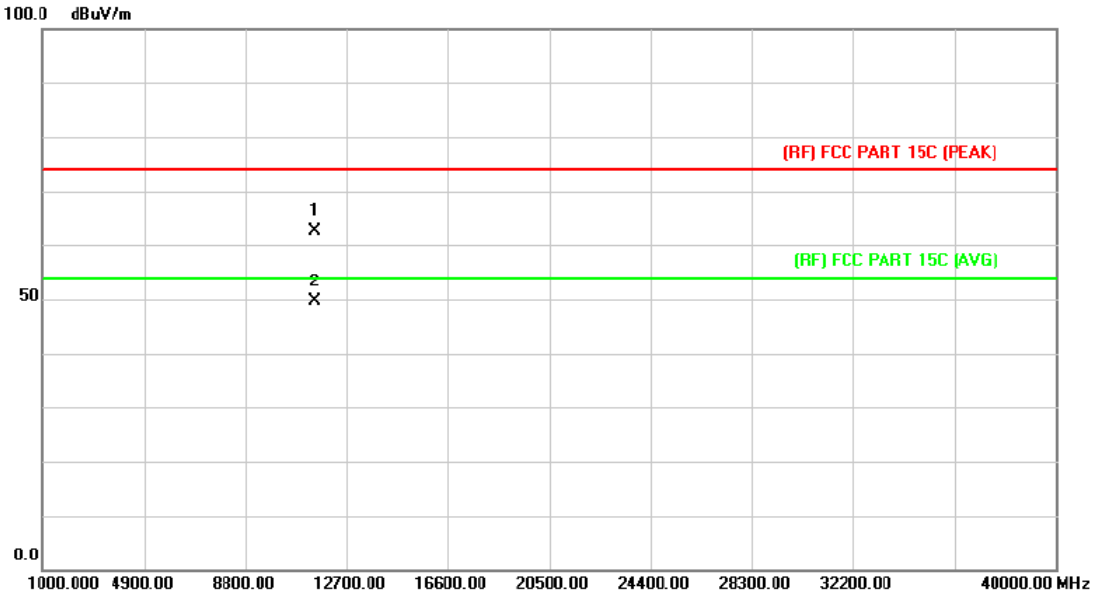
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11650.550	46.26	16.99	63.25	68.30	-5.05	peak
2	*	11651.925	32.96	16.99	49.95	54.00	-4.05	AVG

Emission Level= Read Level+ Correct Factor

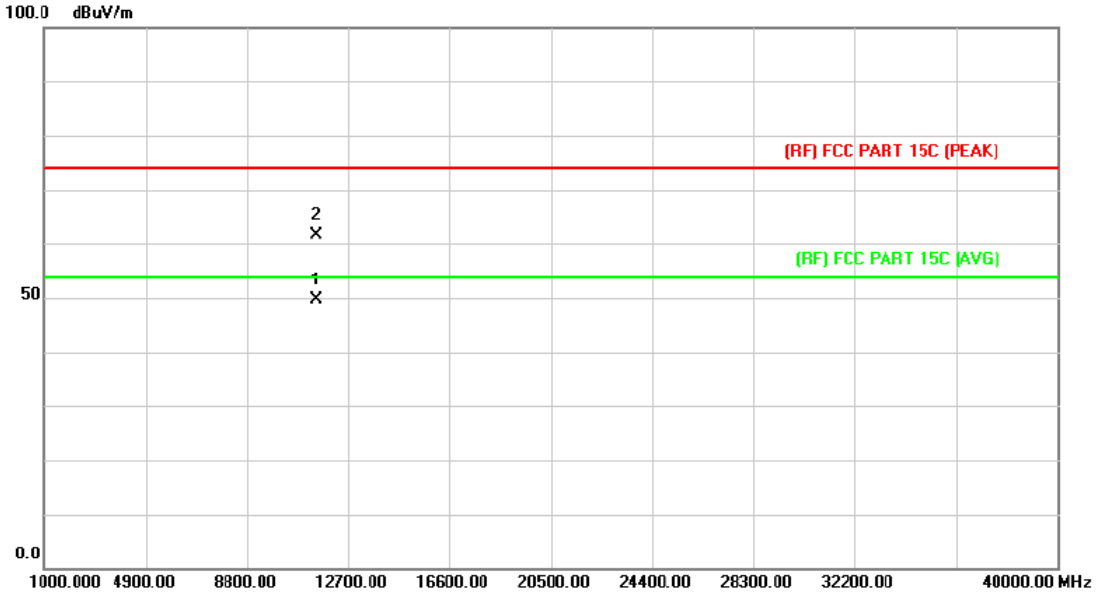
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5745MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11489.562	46.01	16.64	62.65	74.00	-11.35	peak
2	*	11493.451	32.93	16.64	49.57	54.00	-4.43	AVG

Emission Level= Read Level+ Correct Factor

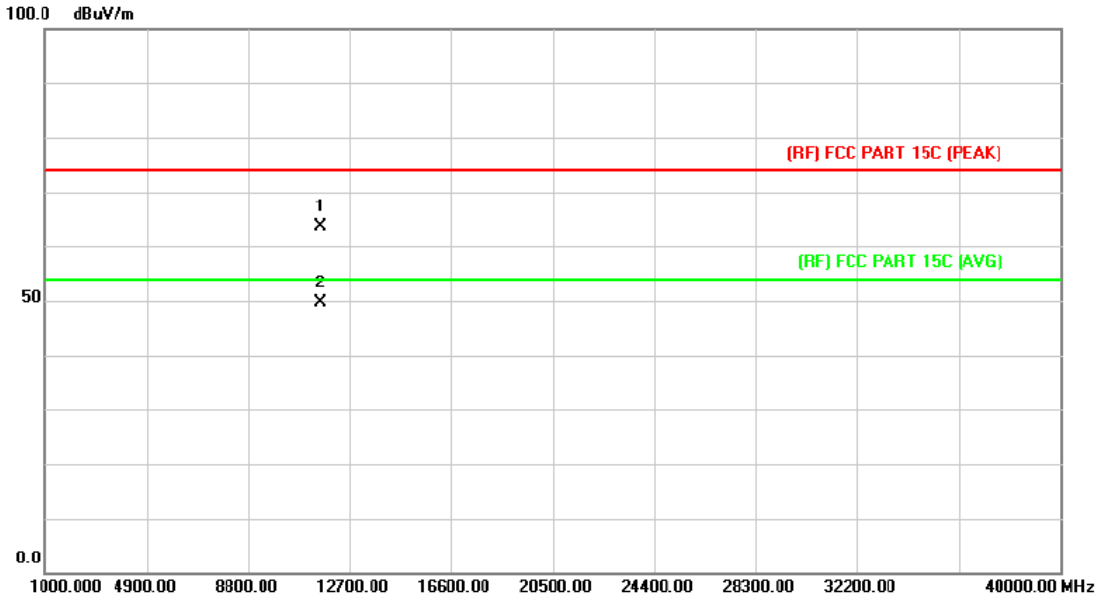
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5745MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11488.562	33.06	16.63	49.69	54.00	-4.31	AVG
2		11492.562	45.08	16.64	61.72	74.00	-12.28	peak

Emission Level= Read Level+ Correct Factor

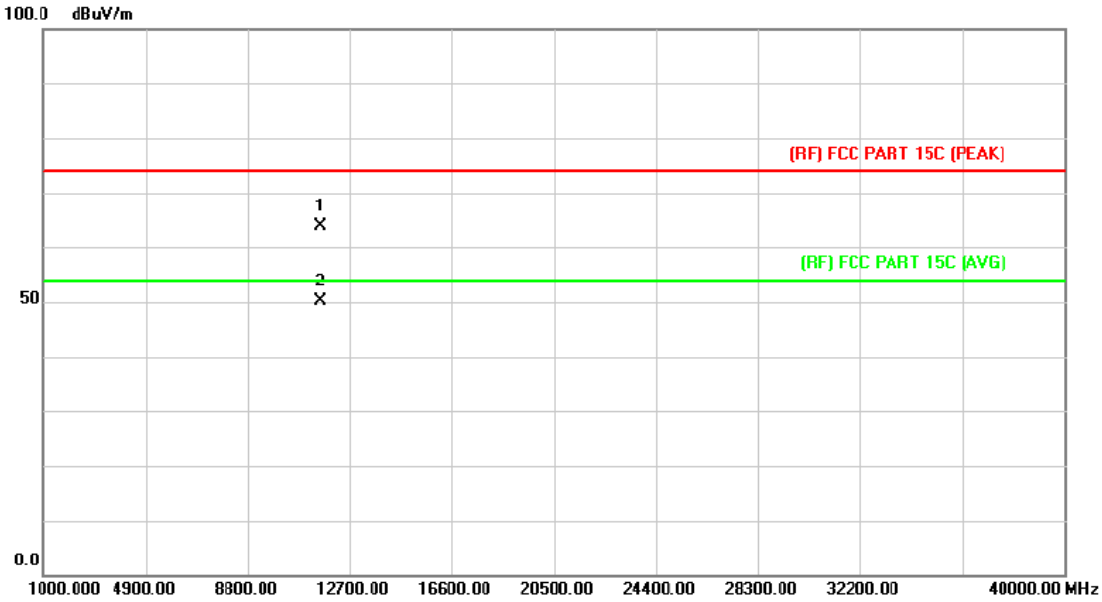
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11568.532	46.89	16.80	63.69	74.00	-10.31	peak
2	*	11571.561	32.88	16.80	49.68	54.00	-4.32	AVG

Emission Level= Read Level+ Correct Factor

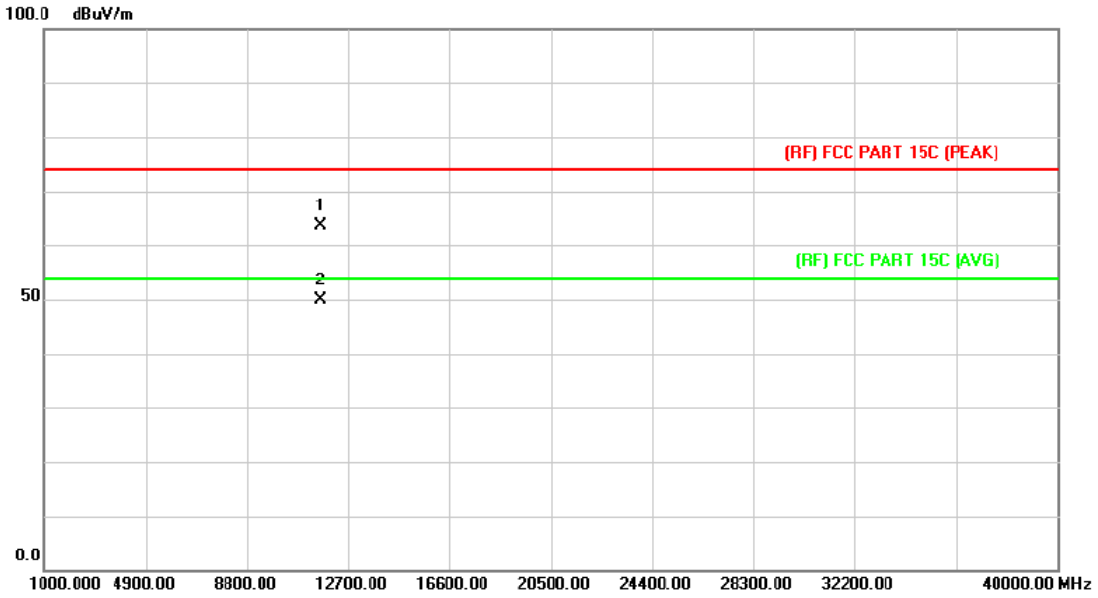
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11568.512	47.07	16.80	63.87	74.00	-10.13	peak
2	*	11571.512	33.35	16.80	50.15	54.00	-3.85	AVG

Emission Level= Read Level+ Correct Factor

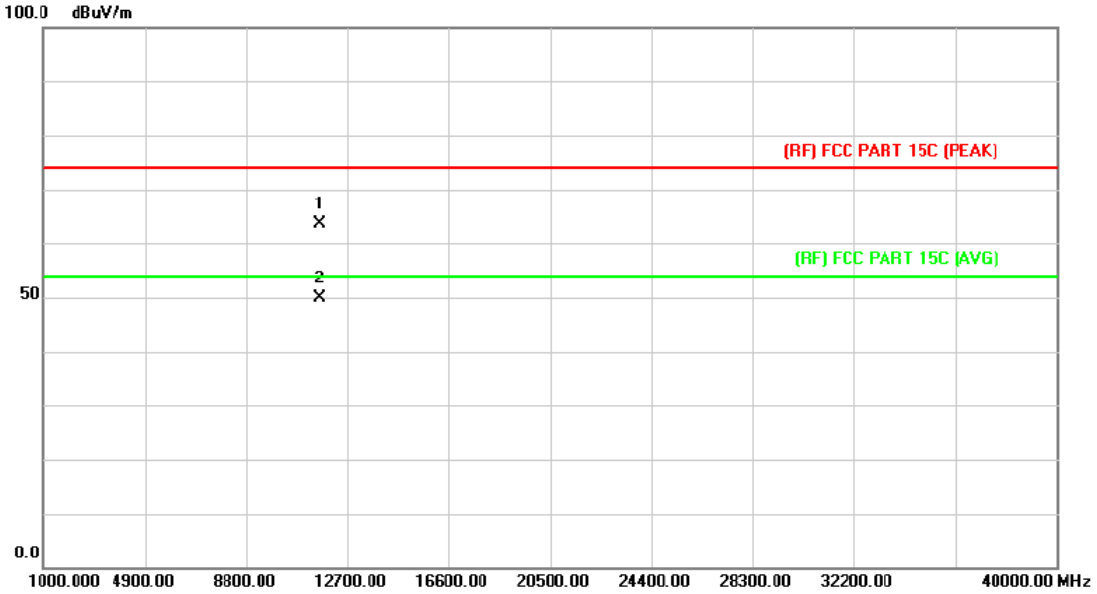
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11649.651	46.65	16.99	63.64	74.00	-10.36	peak
2	*	11652.562	32.89	16.99	49.88	54.00	-4.12	AVG

Emission Level= Read Level+ Correct Factor

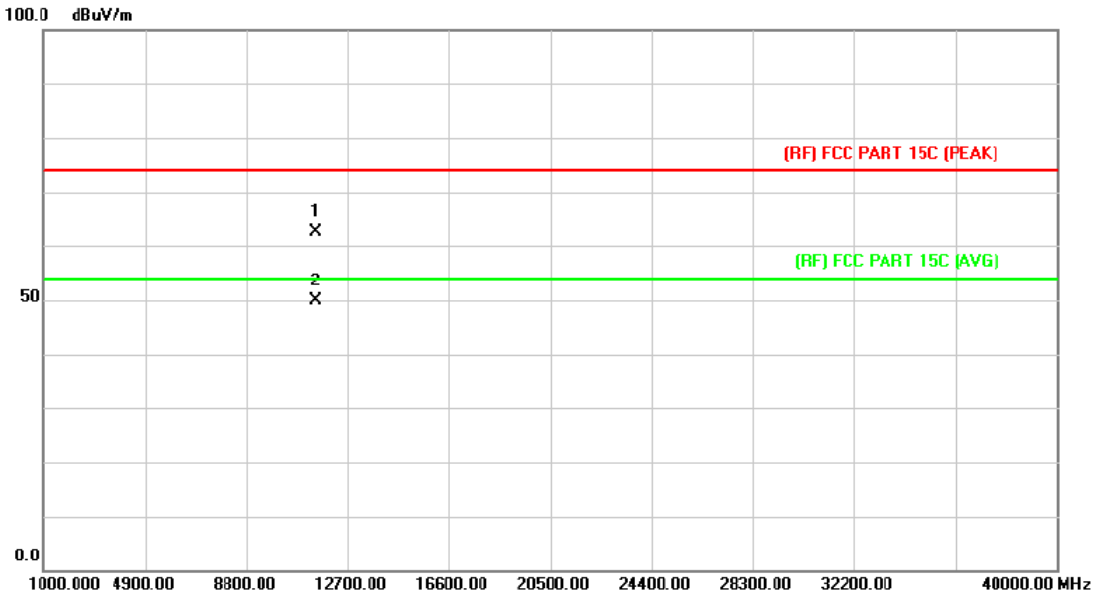
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11649.612	46.58	16.99	63.57	74.00	-10.43	peak
2	*	11652.551	32.99	16.99	49.98	54.00	-4.02	AVG

Emission Level= Read Level+ Correct Factor

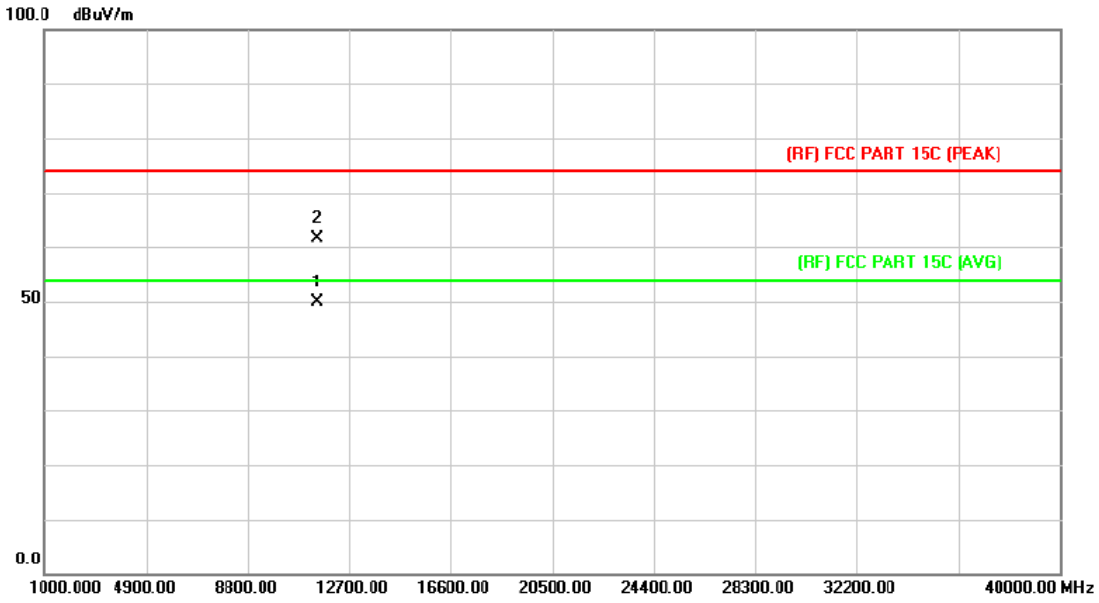
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5745MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11489.951	45.94	16.64	62.58	74.00	-11.42	peak
2	*	11490.340	33.22	16.64	49.86	54.00	-4.14	AVG

Emission Level= Read Level+ Correct Factor

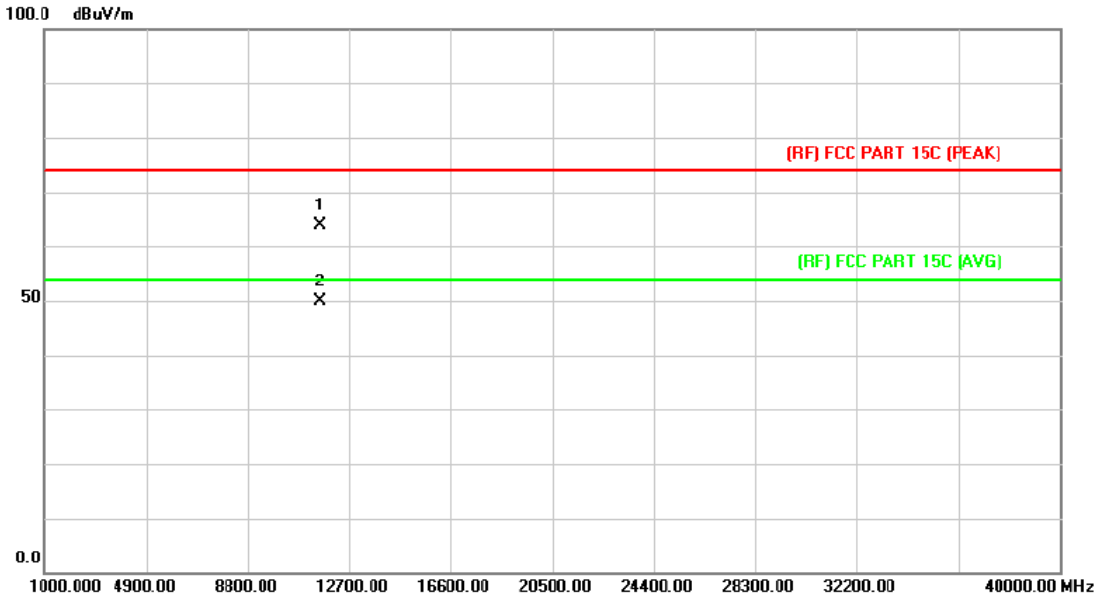
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5745MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11486.771	33.18	16.63	49.81	54.00	-4.19	AVG
2		11489.636	45.05	16.64	61.69	74.00	-12.31	peak

Emission Level= Read Level+ Correct Factor

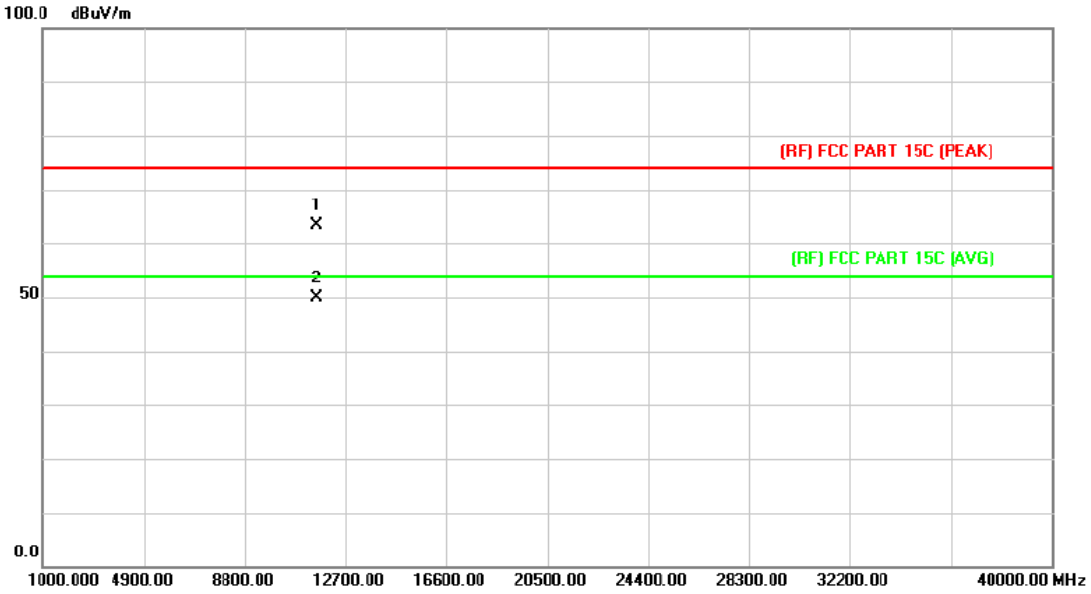
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11566.752	46.98	16.80	63.78	74.00	-10.22	peak
2	*	11570.531	33.07	16.80	49.87	54.00	-4.13	AVG

Emission Level= Read Level+ Correct Factor

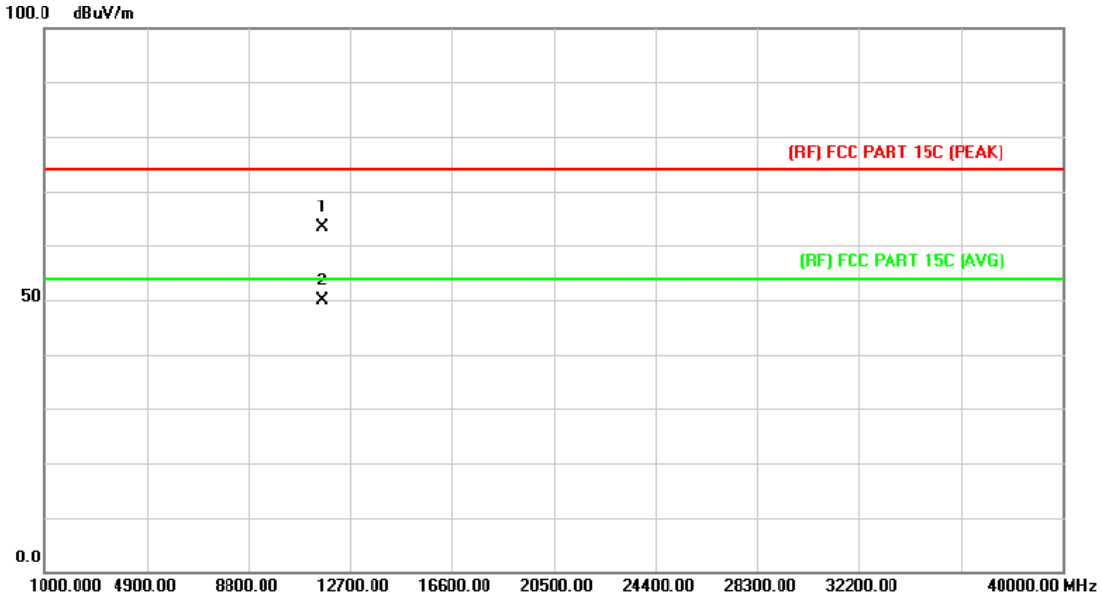
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5785MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11565.952	46.69	16.79	63.48	74.00	-10.52	peak
2	*	11568.181	33.20	16.80	50.00	54.00	-4.00	AVG

Emission Level= Read Level+ Correct Factor

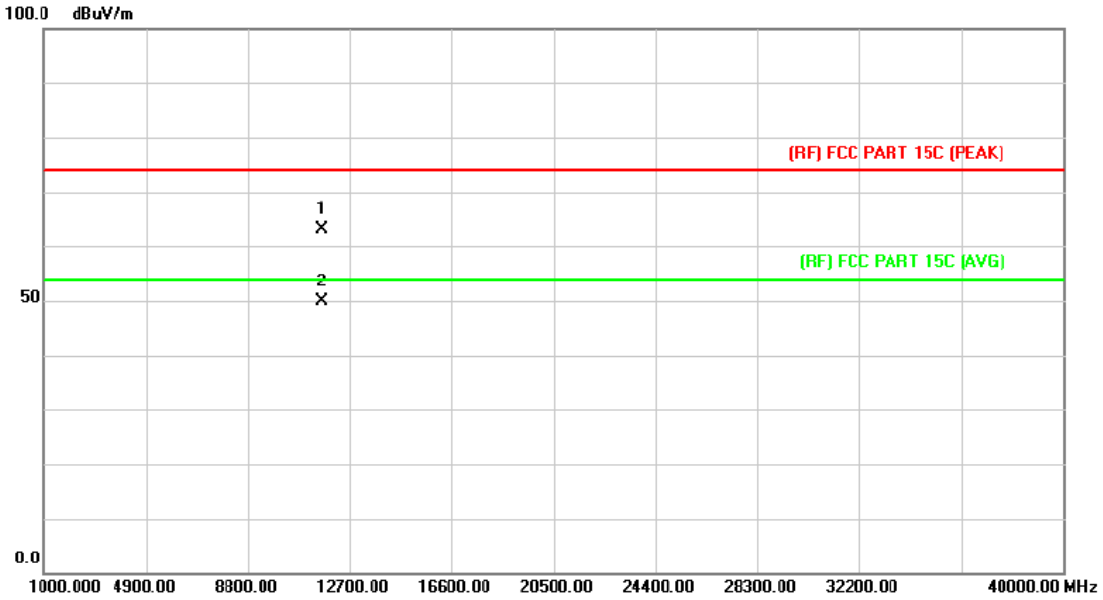
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11648.952	46.44	16.98	63.42	74.00	-10.58	peak
2	*	11652.163	33.01	16.99	50.00	54.00	-4.00	AVG

Emission Level= Read Level+ Correct Factor

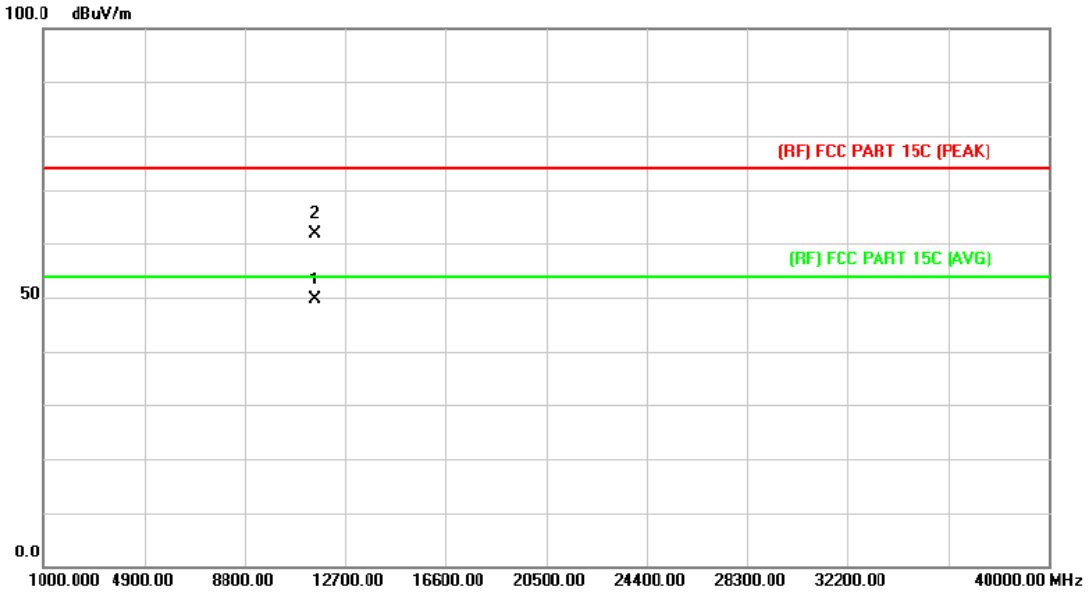
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5825MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11650.551	46.26	16.99	63.25	74.00	-10.75	peak
2	*	11651.969	32.96	16.99	49.95	54.00	-4.05	AVG

Emission Level= Read Level+ Correct Factor

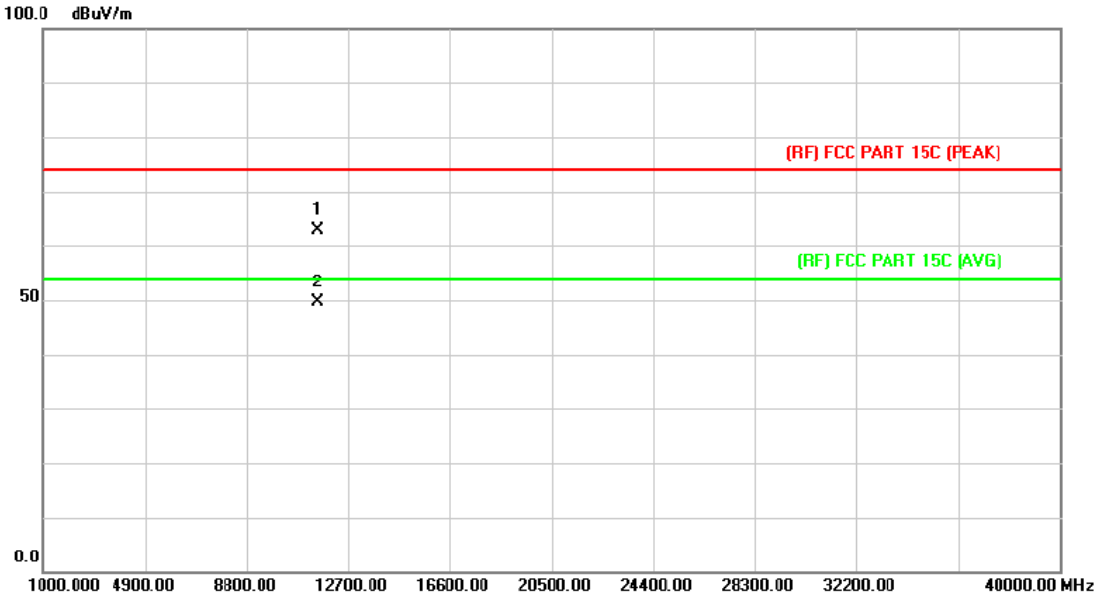
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(40) Mode 5755MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11511.512	33.06	16.68	49.74	54.00	-4.26	AVG
2		11514.151	45.30	16.68	61.98	74.00	-12.02	peak

Emission Level= Read Level+ Correct Factor

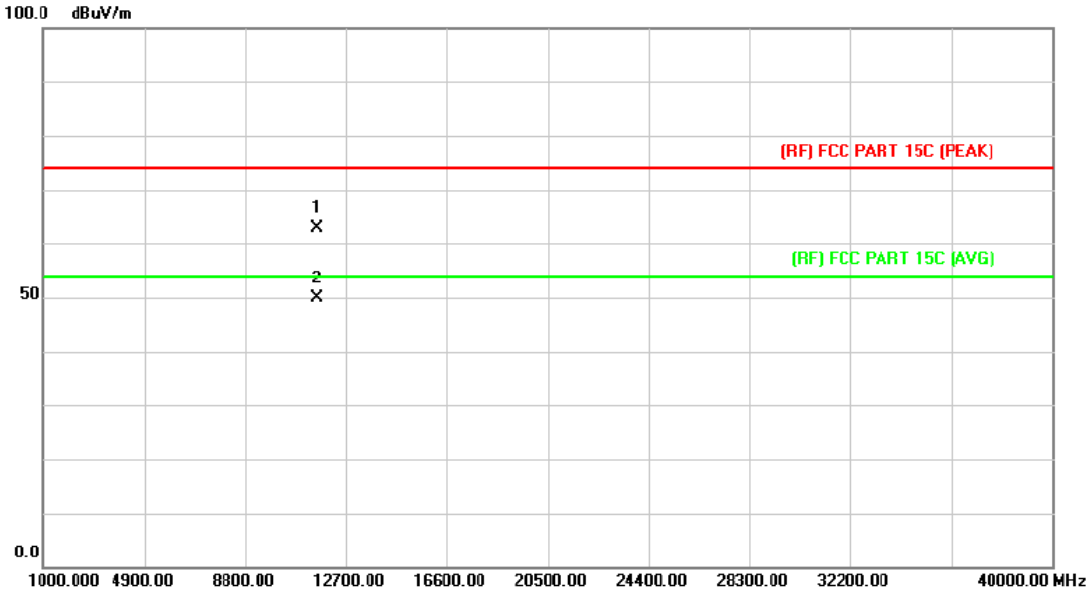
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(40) Mode 5755MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11508.521	46.24	16.66	62.90	74.00	-11.10	peak
2	*	11514.621	33.05	16.68	49.73	54.00	-4.27	AVG

Emission Level= Read Level+ Correct Factor

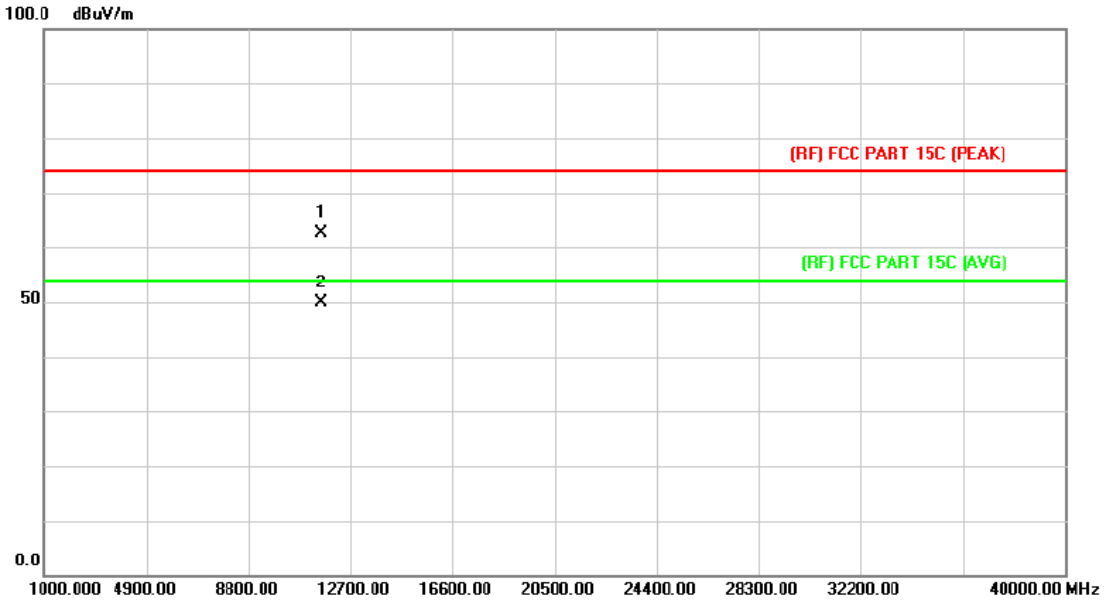
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(40) Mode 5795MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11588.256	46.12	16.85	62.97	74.00	-11.03	peak
2	*	11590.485	33.07	16.85	49.92	54.00	-4.08	AVG

Emission Level= Read Level+ Correct Factor

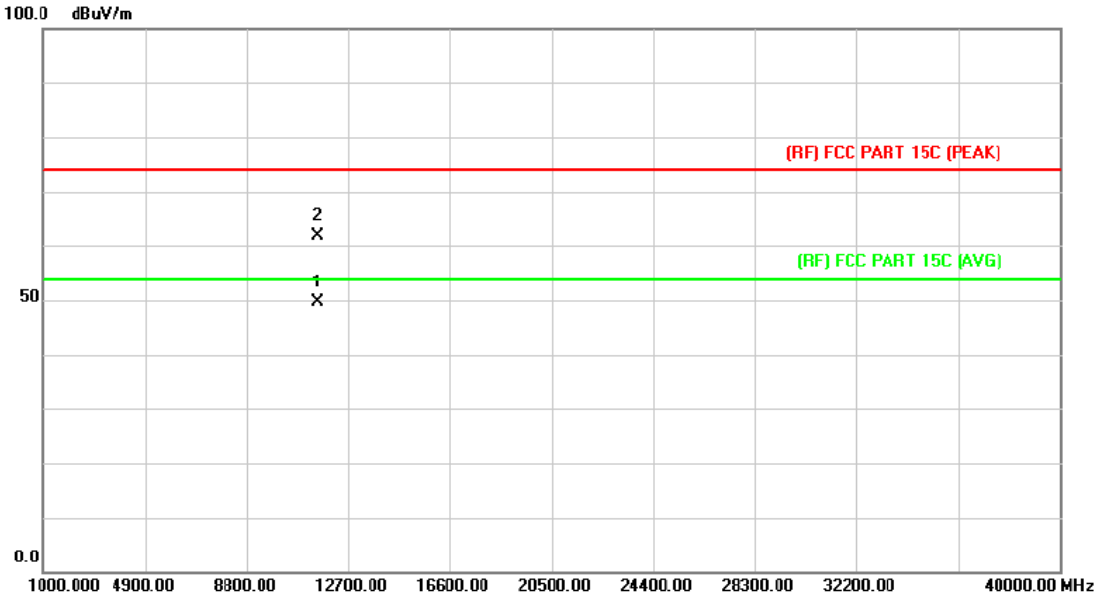
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(40) Mode 5795MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11589.515	45.66	16.85	62.51	74.00	-11.49	peak
2	*	11591.451	33.01	16.85	49.86	54.00	-4.14	AVG

Emission Level= Read Level+ Correct Factor

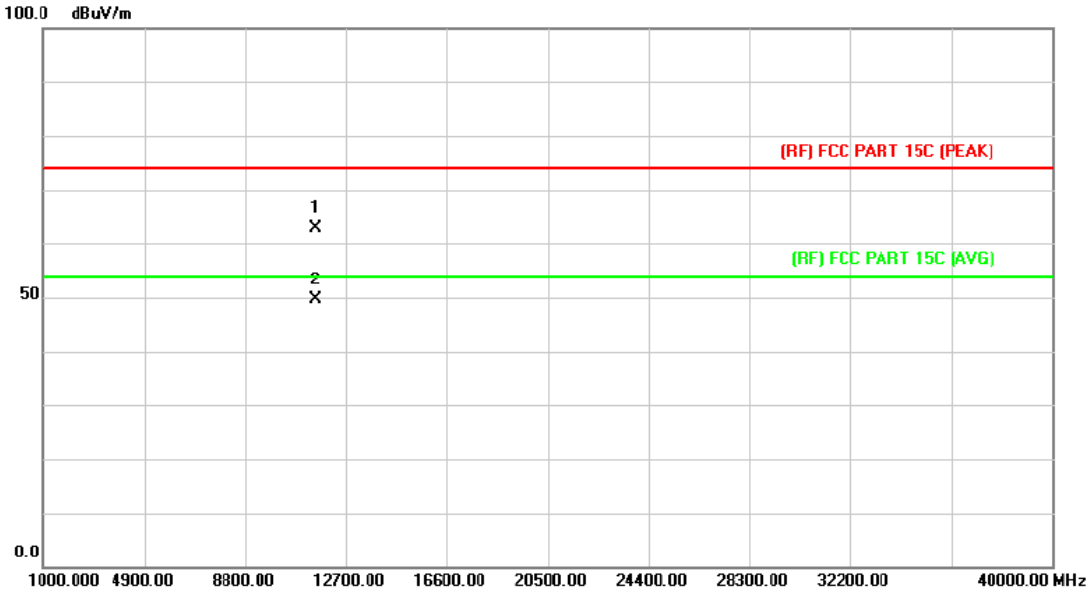
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(40) Mode 5755MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11511.625	33.06	16.68	49.74	54.00	-4.26	AVG
2		11514.851	45.30	16.68	61.98	74.00	-12.02	peak

Emission Level= Read Level+ Correct Factor

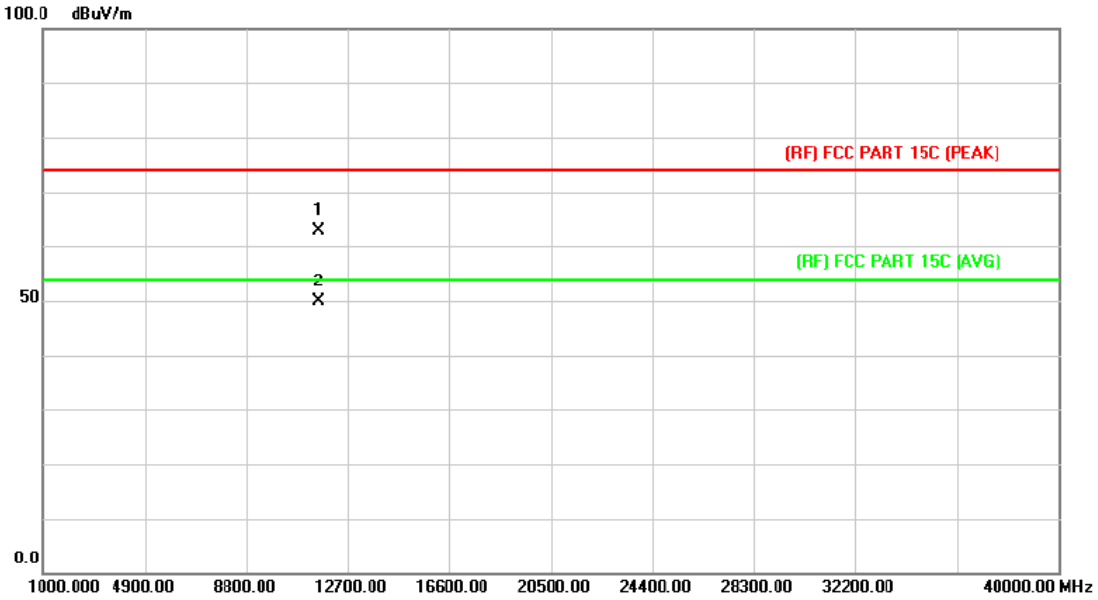
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(40) Mode 5755MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11508.852	46.24	16.66	62.90	74.00	-11.10	peak
2	*	11513.512	33.05	16.68	49.73	54.00	-4.27	AVG

Emission Level= Read Level+ Correct Factor

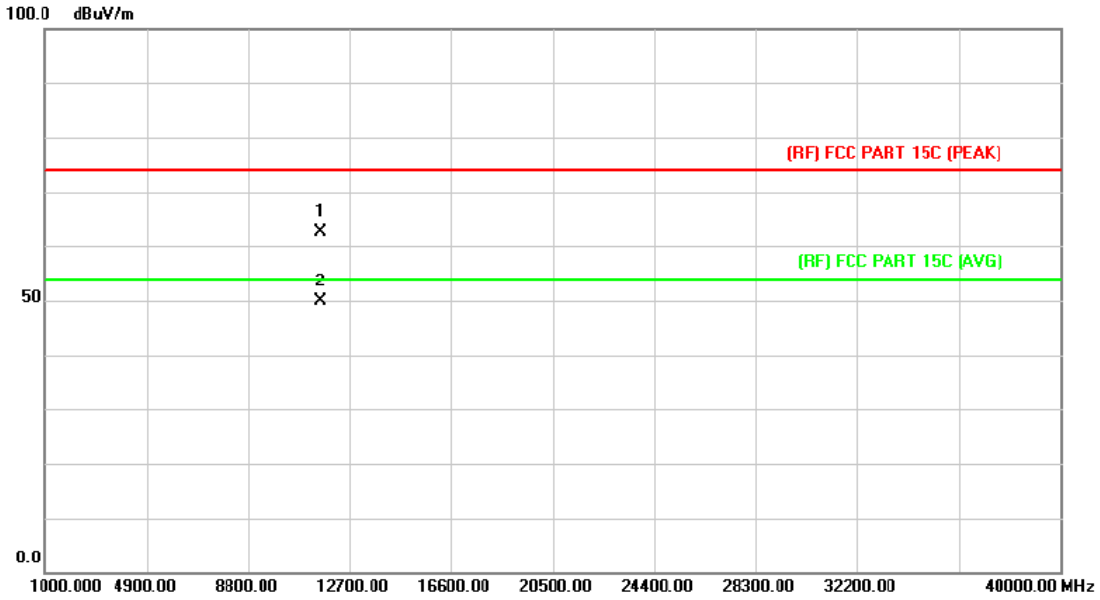
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(40) Mode 5795MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11588.635	46.12	16.85	62.97	74.00	-11.03	peak
2	*	11590.452	33.07	16.85	49.92	54.00	-4.08	AVG

Emission Level= Read Level+ Correct Factor

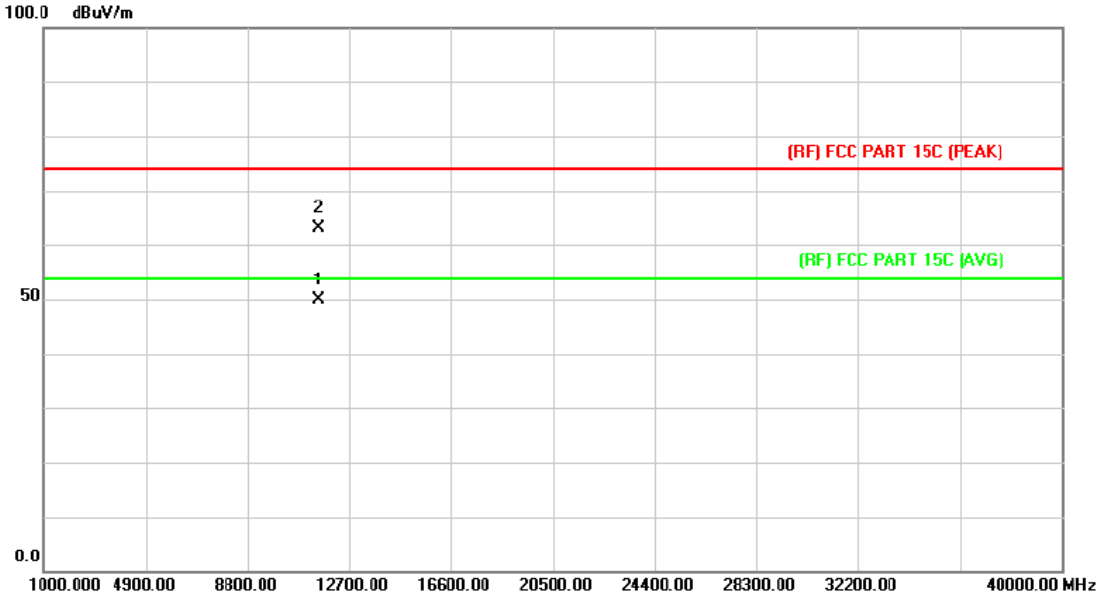
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(40) Mode 5795MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11589.969	45.66	16.85	62.51	74.00	-11.49	peak
2	*	11591.452	33.01	16.85	49.86	54.00	-4.14	AVG

Emission Level= Read Level+ Correct Factor

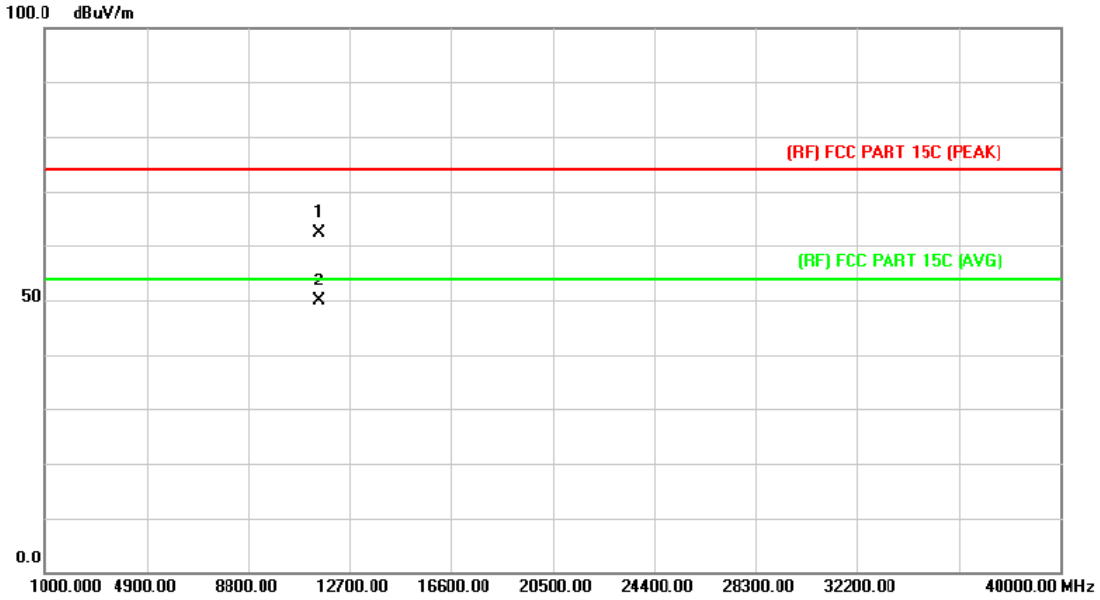
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(80) Mode 5775MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11545.362	33.09	16.75	49.84	54.00	-4.16	AVG
2		11553.842	46.26	16.76	63.02	74.00	-10.98	peak

Emission Level= Read Level+ Correct Factor

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(80) Mode 5775MHz (U-NII-3)		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11549.569	45.73	16.75	62.48	74.00	-11.52	peak
2	*	11552.512	33.11	16.76	49.87	54.00	-4.13	AVG

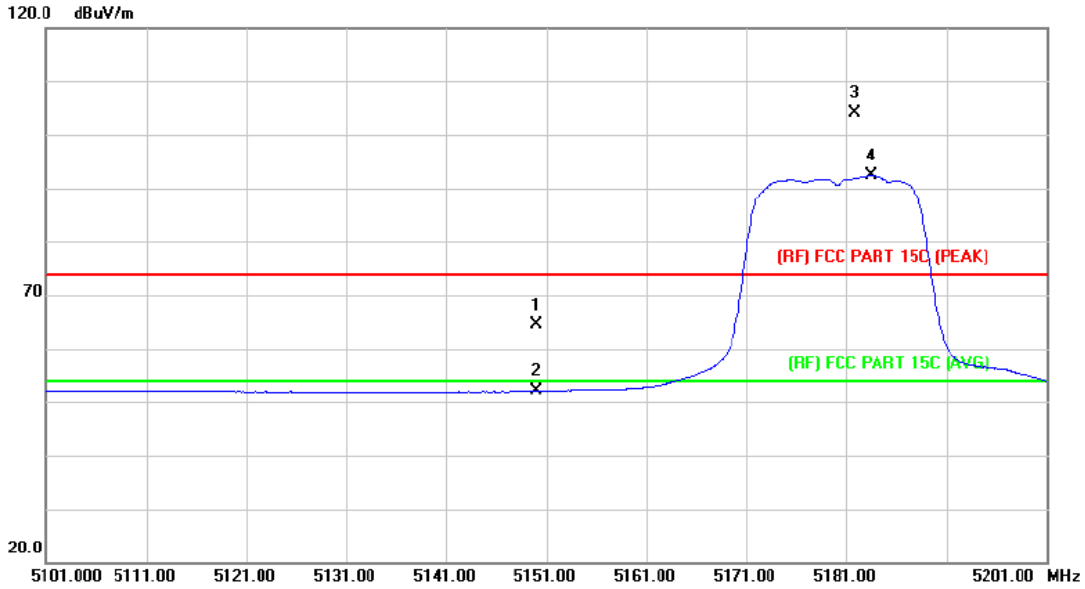
Emission Level= Read Level+ Correct Factor

Attachment C-- Band Edge Emissions Test Data

(1) Radiation Test

a/n(20)/ac(20)

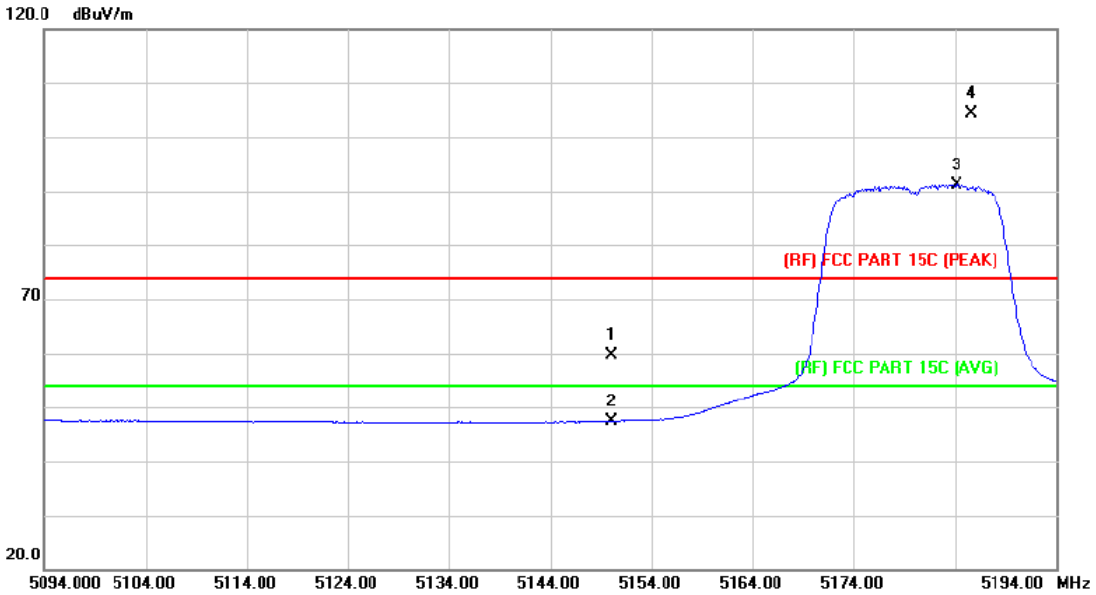
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180 MHz (U-NII-1)		
Remark:	TX 802.11a Mode 5180~5240 MHz (U-NII-1) CH Low		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	47.20	17.21	64.41	74.00	-9.59	peak
2		5150.000	34.90	17.21	52.11	54.00	-1.89	AVG
3	X	5181.800	87.02	17.14	104.16	Fundamental Frequency		peak
4	*	5183.500	75.23	17.14	92.37	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

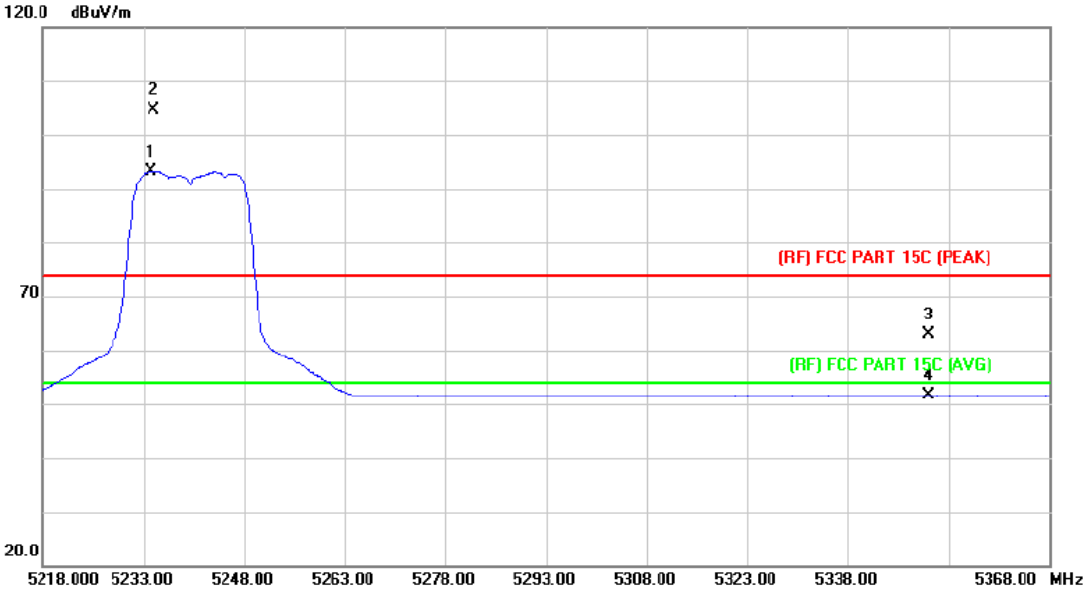
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5180 MHz (U-NII-1)		
Remark:	TX 802.11a Mode 5180~5240 MHz (U-NII-1) CH Low		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	42.33	17.21	59.54	74.00	-14.46	peak
2		5150.000	30.20	17.21	47.41	54.00	-6.59	AVG
3	*	5184.200	74.11	17.14	91.25	Fundamental Frequency		AVG
4	X	5185.600	87.21	17.13	104.34	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

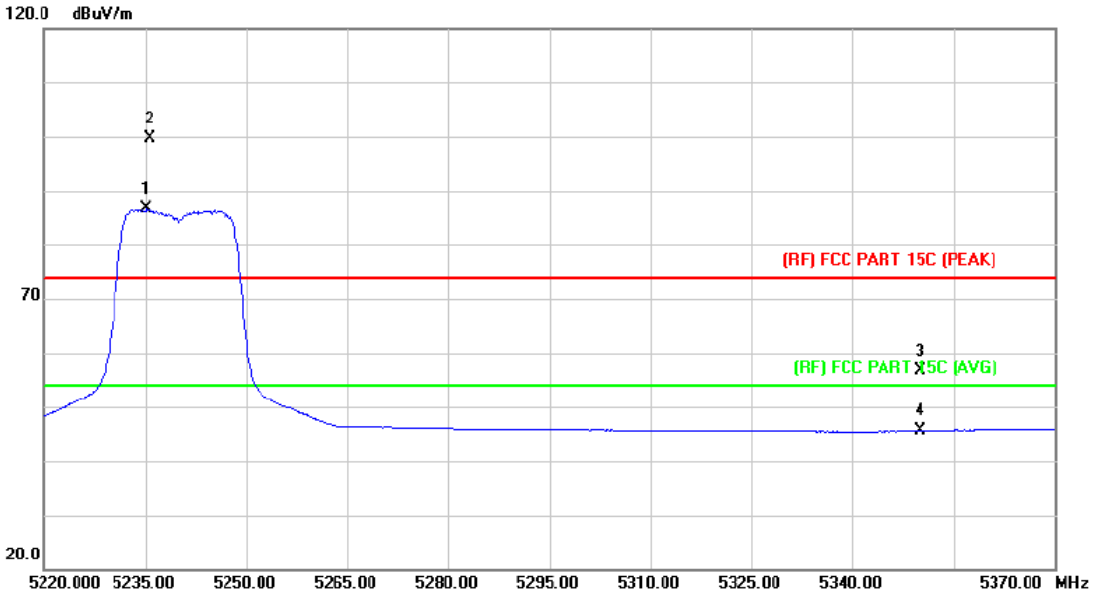
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5240 MHz (U-NII-1)		
Remark:	TX 802.11a Mode 5180~5240 MHz (U-NII-1) CH High		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5234.050	76.16	17.02	93.18	Fundamental Frequency		AVG
2	X	5234.500	87.64	17.02	104.66	Fundamental Frequency		peak
3		5350.000	46.04	16.77	62.81	74.00	-11.19	peak
4		5350.000	34.74	16.77	51.51	54.00	-2.49	AVG

Emission Level= Read Level+ Correct Factor

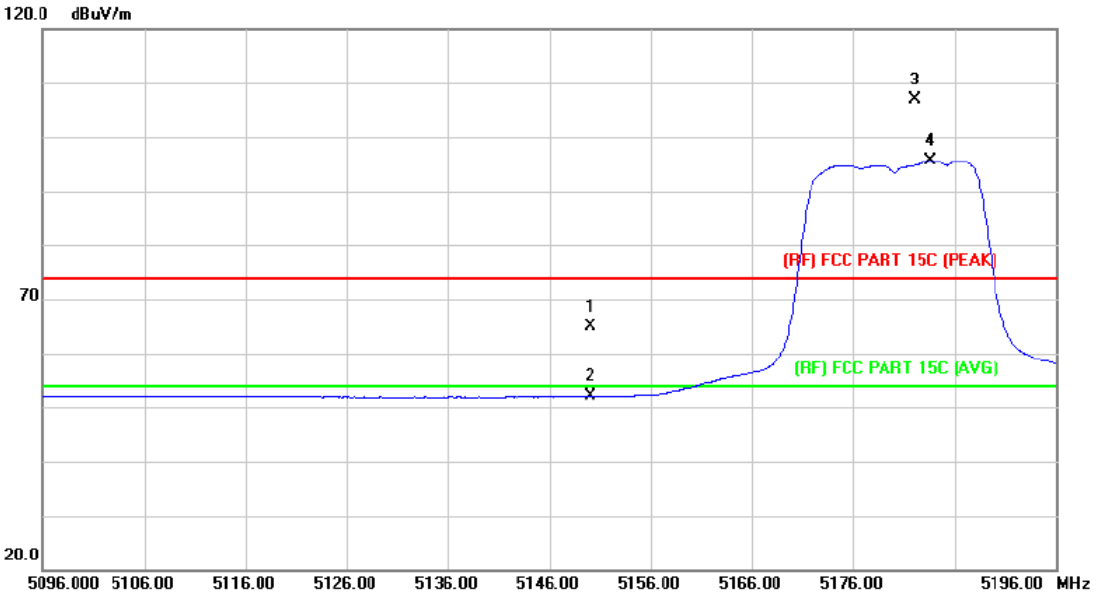
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5240 MHz (U-NII-1)		
Remark:	TX 802.11a Mode 5180~5240 MHz (U-NII-1) CH High		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5235.150	69.52	17.02	86.54	Fundamental Frequency		AVG
2	X	5235.600	82.58	17.02	99.60	Fundamental Frequency		peak
3		5350.000	39.86	16.77	56.63	74.00	-17.37	peak
4		5350.000	28.86	16.77	45.63	54.00	-8.37	AVG

Emission Level= Read Level+ Correct Factor

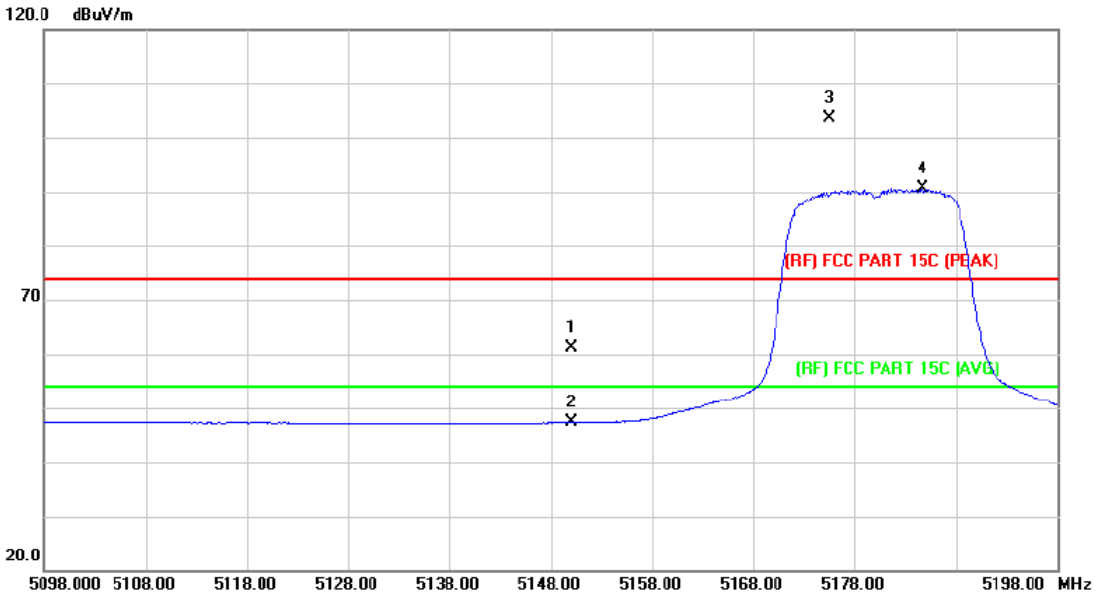
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5180 MHz (U-NII-1)		
Remark:	TX 802.11n(20) Mode 5180~5240 MHz (U-NII-1) CH Low		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	47.68	17.21	64.89	74.00	-9.11	peak
2		5150.000	34.94	17.21	52.15	54.00	-1.85	AVG
3	X	5182.000	89.76	17.14	106.90	Fundamental Frequency		peak
4	*	5183.600	78.37	17.14	95.51	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

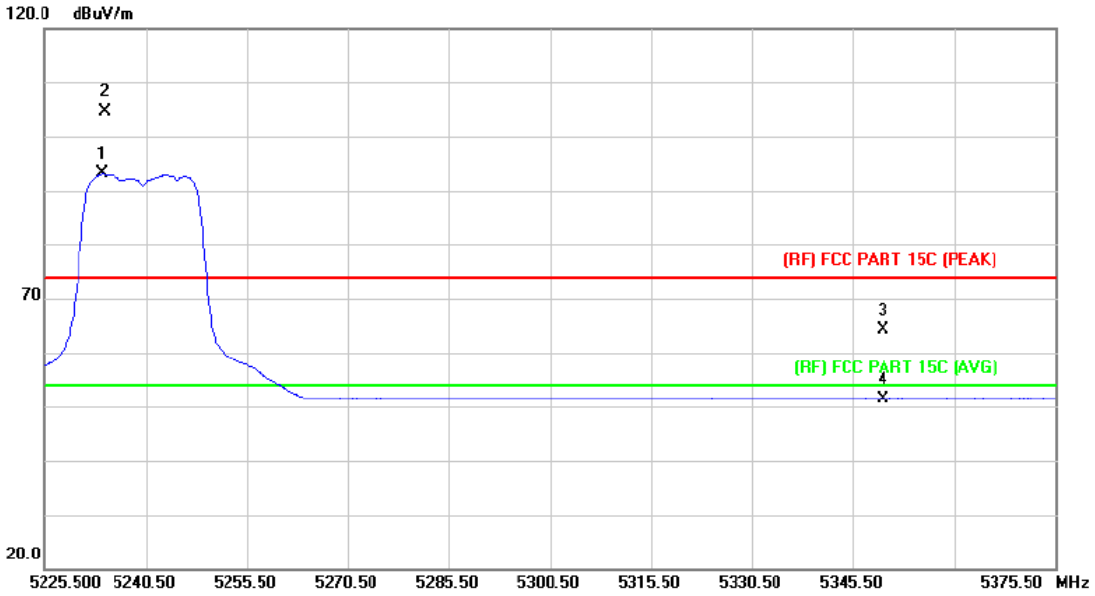
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5180 MHz (U-NII-1)		
Remark:	TX 802.11n(20) Mode 5180~5240 MHz (U-NII-1) CH Low		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	43.95	17.21	61.16	74.00	-12.84	peak
2		5150.000	30.11	17.21	47.32	54.00	-6.68	AVG
3	X	5175.500	86.40	17.15	103.55	Fundamental Frequency		peak
4	*	5184.700	73.45	17.13	90.58	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

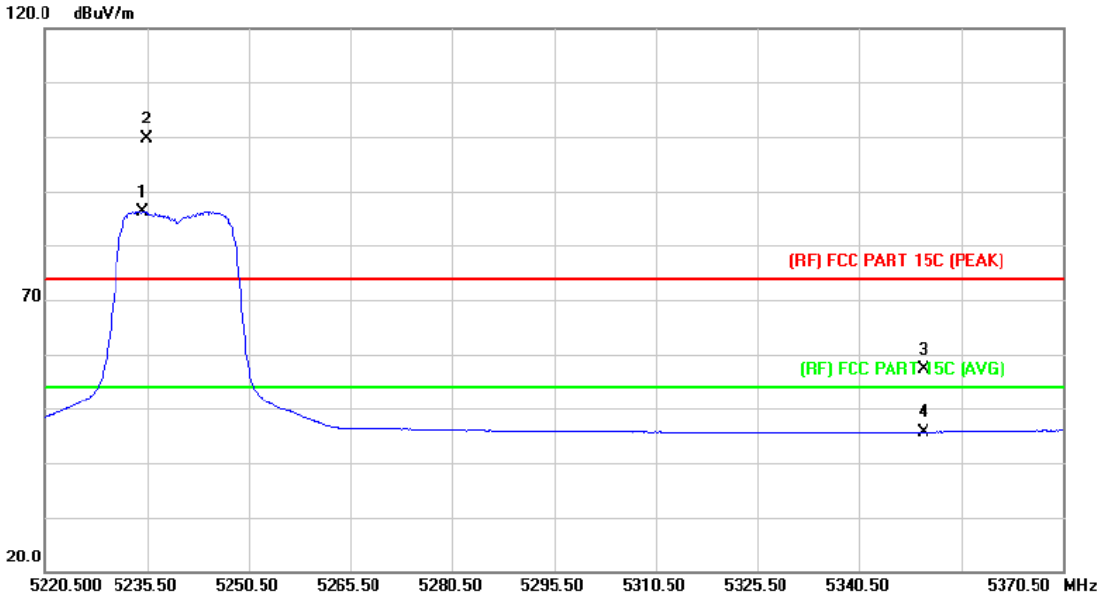
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5240 MHz (U-NII-1)		
Remark:	TX 802.11n(20) Mode 5180~5240 MHz (U-NII-1) CH High		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5234.050	76.01	17.02	93.03	Fundamental Frequency		AVG
2	X	5234.350	87.58	17.02	104.60	Fundamental Frequency		peak
3		5350.000	47.48	16.77	64.25	74.00	-9.75	peak
4		5350.000	34.72	16.77	51.49	54.00	-2.51	AVG

Emission Level= Read Level+ Correct Factor

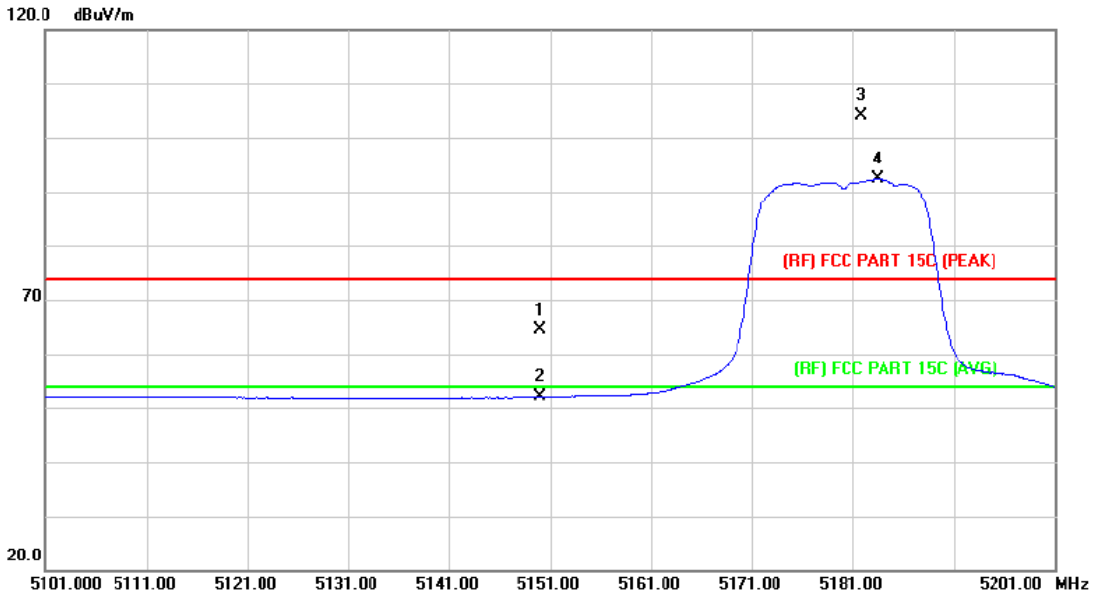
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5240 MHz (U-NII-1)		
Remark:	TX 802.11n(20) Mode 5180~5240 MHz (U-NII-1) CH High		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5234.750	69.20	17.02	86.22	Fundamental Frequency		AVG
2	X	5235.350	82.65	17.02	99.67	Fundamental Frequency		peak
3		5350.000	40.39	16.77	57.16	74.00	-16.84	peak
4		5350.000	28.94	16.77	45.71	54.00	-8.29	AVG

Emission Level= Read Level+ Correct Factor

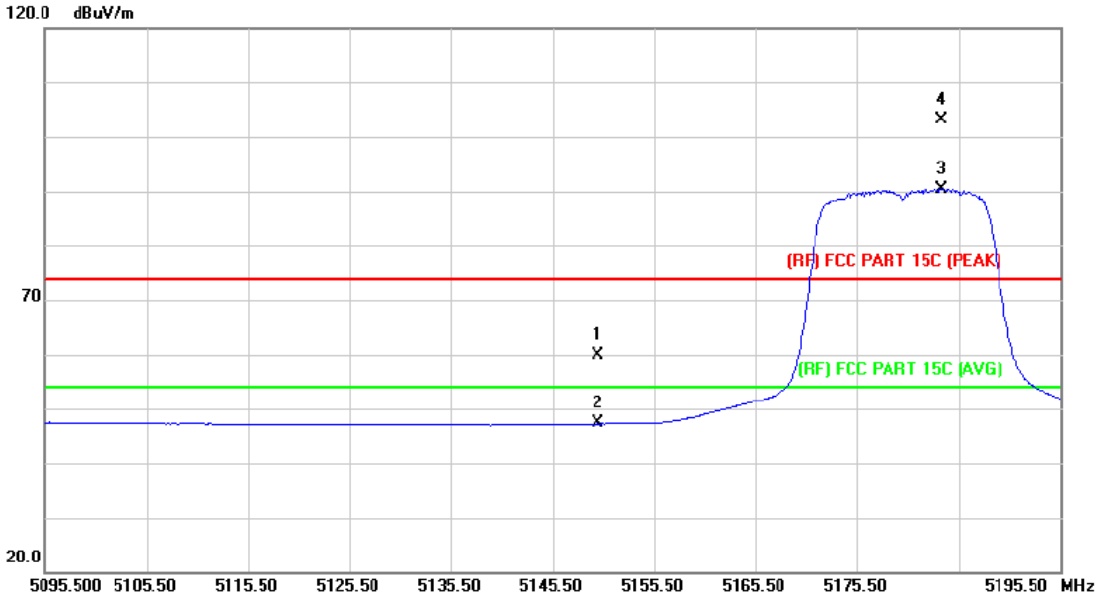
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5180 MHz (U-NII-1)		
Remark:	TX 802.11ac(20) Mode 5180~5240 MHz (U-NII-1) CH Low		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	47.20	17.21	64.41	74.00	-9.59	peak
2		5150.000	34.90	17.21	52.11	54.00	-1.89	AVG
3	X	5181.800	87.02	17.14	104.16	Fundamental Frequency		peak
4	*	5183.500	75.23	17.14	92.37	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

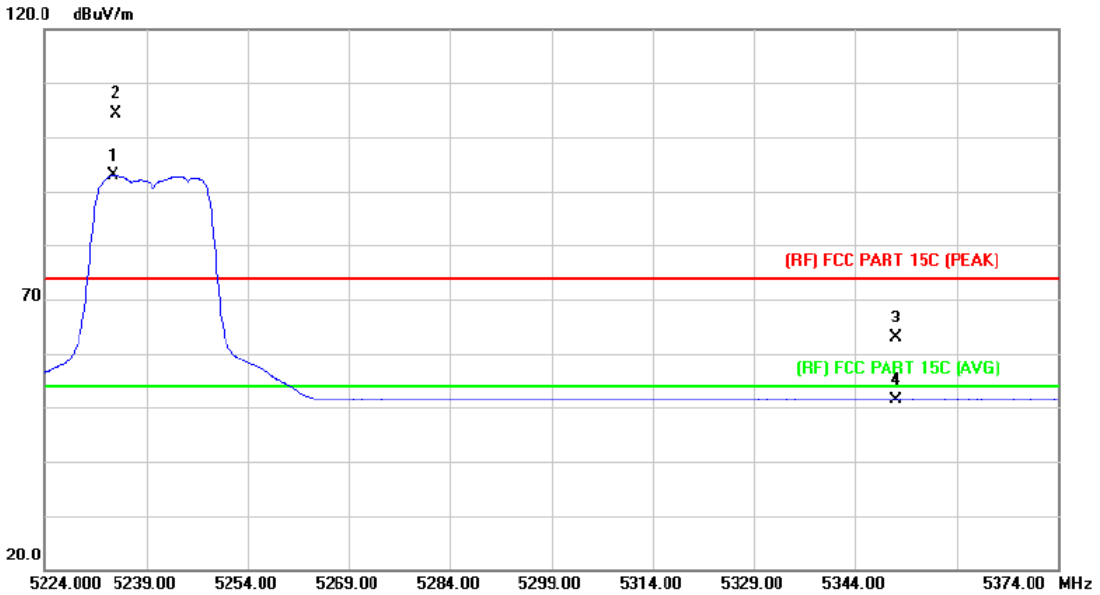
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5180 MHz (U-NII-1)		
Remark:	TX 802.11ac(20) Mode 5180~5240 MHz (U-NII-1) CH Low		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	42.69	17.21	59.90	74.00	-14.10	peak
2		5150.000	30.05	17.21	47.26	54.00	-6.74	AVG
3	*	5183.800	73.28	17.14	90.42	Fundamental Frequency		AVG
4	X	5183.900	85.94	17.14	103.08	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

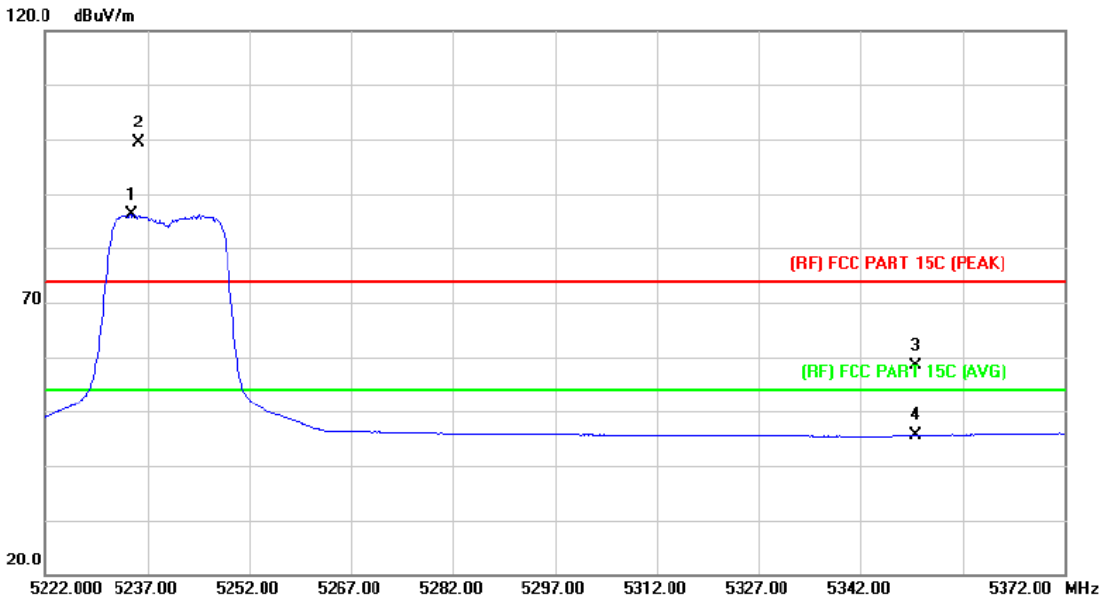
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5240 MHz (U-NII-1)		
Remark:	TX 802.11ac(20) Mode 5180~5240 MHz (U-NII-1) CH High		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5234.050	75.86	17.02	92.88	Fundamental Frequency		AVG
2	X	5234.500	87.41	17.02	104.43	Fundamental Frequency		peak
3		5350.000	46.23	16.77	63.00	74.00	-11.00	peak
4		5350.000	34.72	16.77	51.49	54.00	-2.51	AVG

Emission Level= Read Level+ Correct Factor

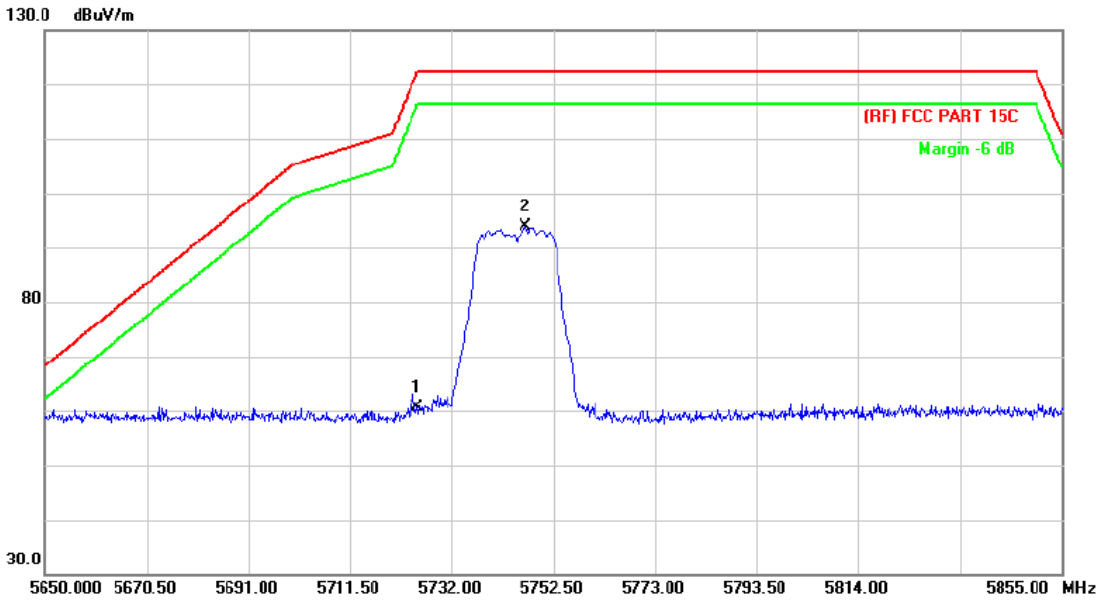
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5240 MHz (U-NII-1)		
Remark:	TX 802.11ac(20) Mode 5180~5240 MHz (U-NII-1) CH High		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5234.600	69.19	17.02	86.21	Fundamental Frequency		AVG
2	X	5235.650	82.43	17.02	99.45	Fundamental Frequency		peak
3		5350.000	41.70	16.77	58.47	74.00	-15.53	peak
4		5350.000	28.84	16.77	45.61	54.00	-8.39	AVG

Emission Level= Read Level+ Correct Factor

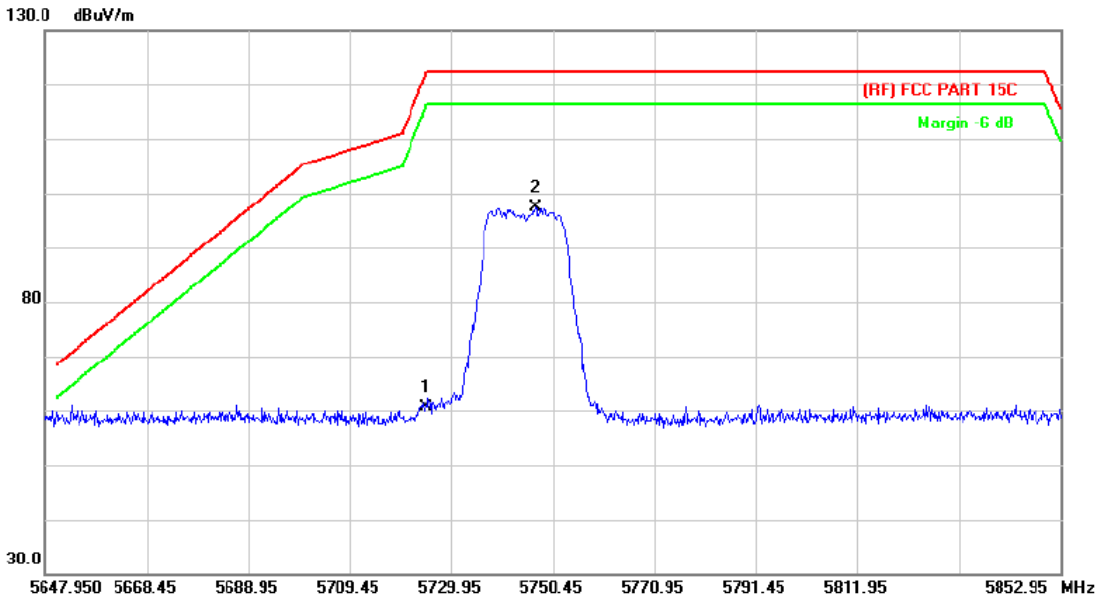
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5745 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	42.89	17.84	60.73	122.30	-61.57	peak
2	*	5746.965	75.94	17.98	93.92	122.30	-28.38	peak

Emission Level= Read Level+ Correct Factor

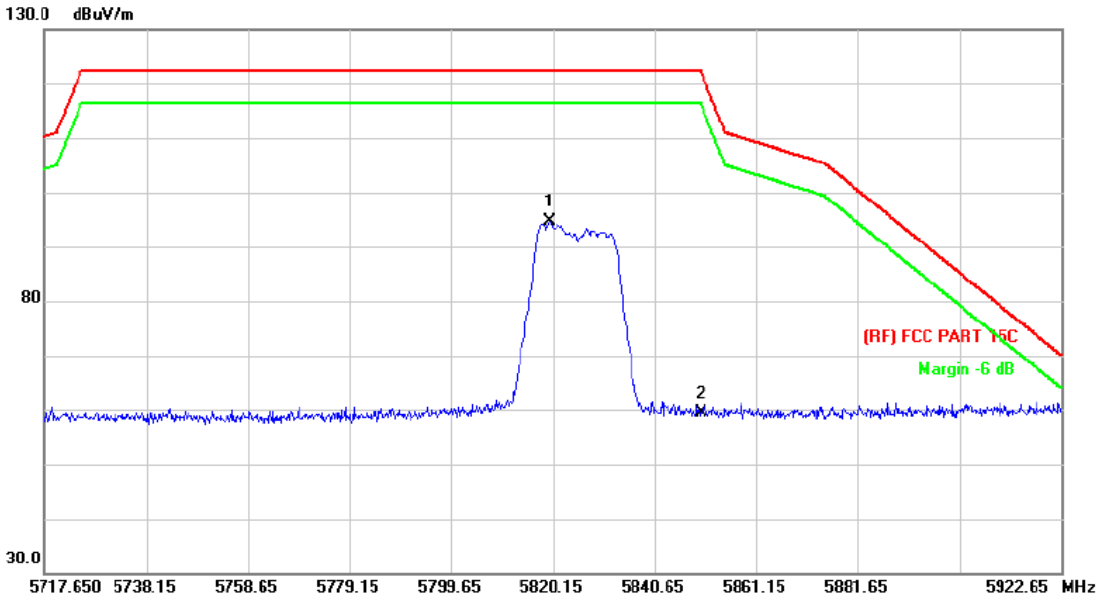
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5745 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	42.68	17.84	60.52	122.30	-61.78	peak
2	*	5746.965	79.40	17.98	97.38	122.30	-24.92	peak

Emission Level= Read Level+ Correct Factor

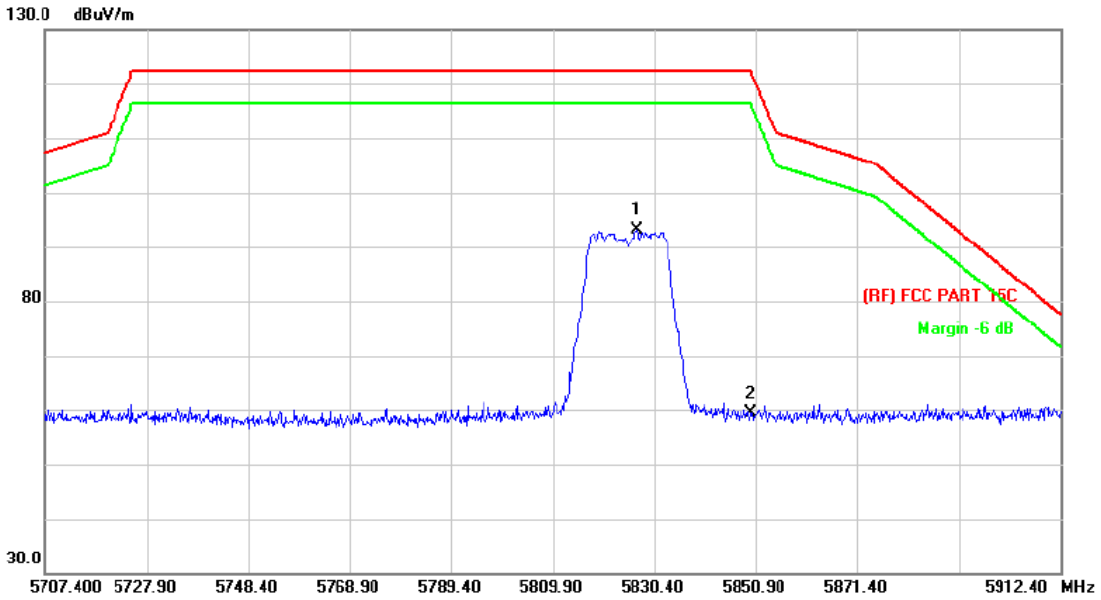
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5825 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5819.330	76.12	18.43	94.55	122.30	-27.75	peak
2		5850.000	40.83	18.62	59.45	122.30	-62.85	peak

Emission Level= Read Level+ Correct Factor

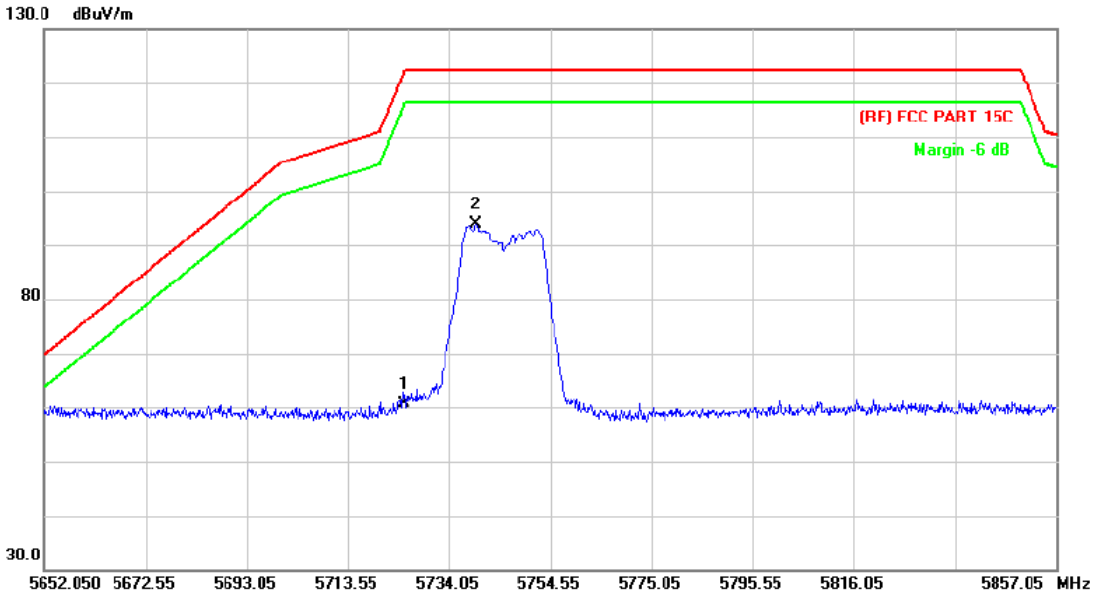
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5825 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5826.915	74.54	18.48	93.02	122.30	-29.28	peak
2		5850.000	40.77	18.62	59.39	122.30	-62.91	peak

Emission Level= Read Level+ Correct Factor

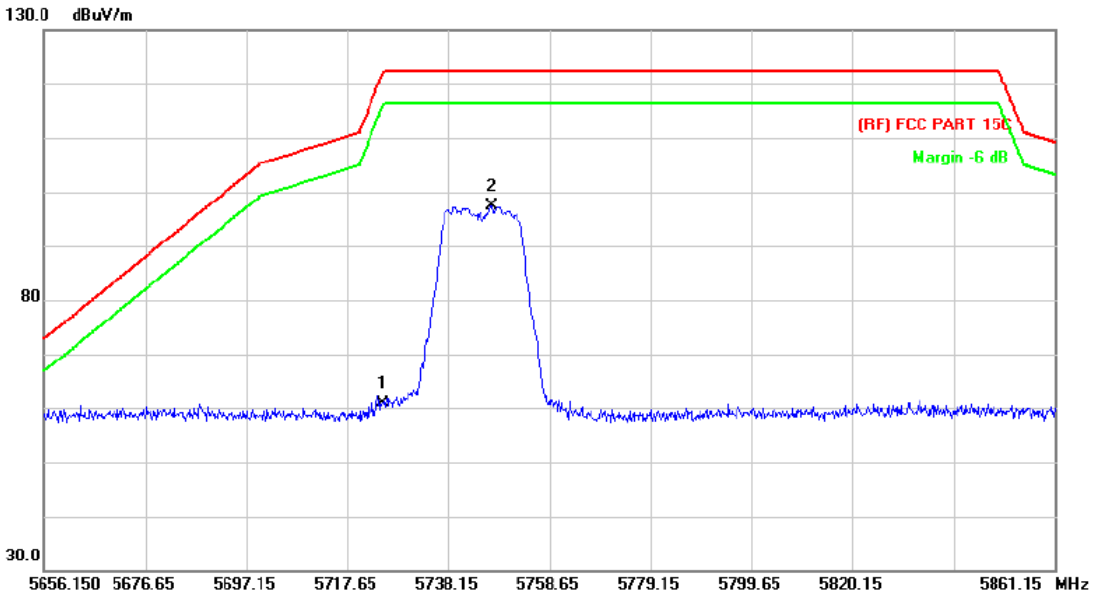
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5745 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	42.73	17.84	60.57	122.30	-61.73	peak
2	*	5739.380	75.83	17.93	93.76	122.30	-28.54	peak

Emission Level= Read Level+ Correct Factor

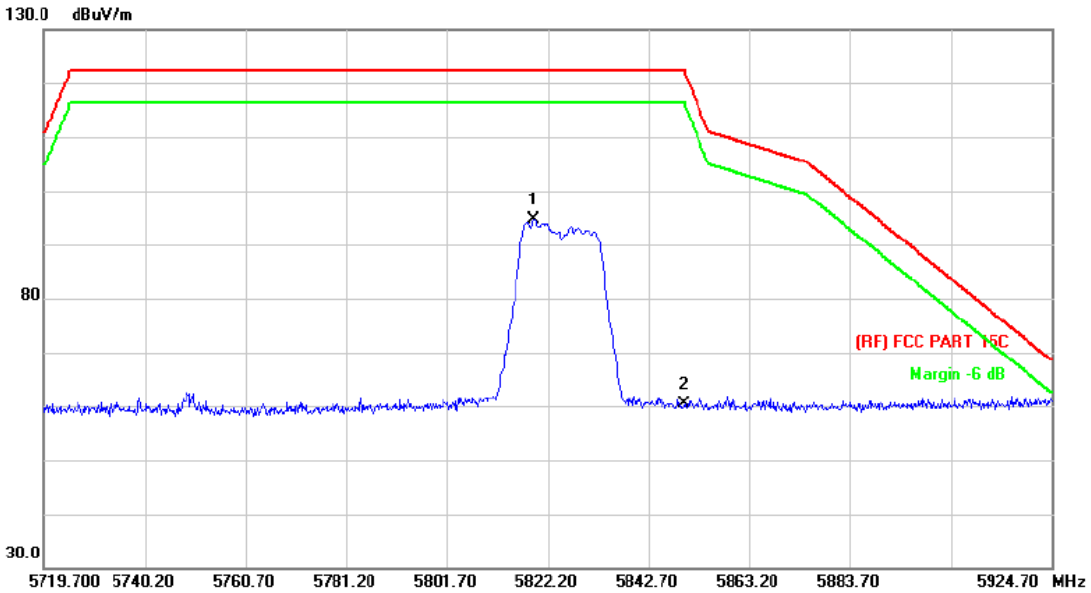
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5745 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	43.04	17.84	60.88	122.30	-61.42	peak
2	*	5746.965	79.45	17.98	97.43	122.30	-24.87	peak

Emission Level= Read Level+ Correct Factor

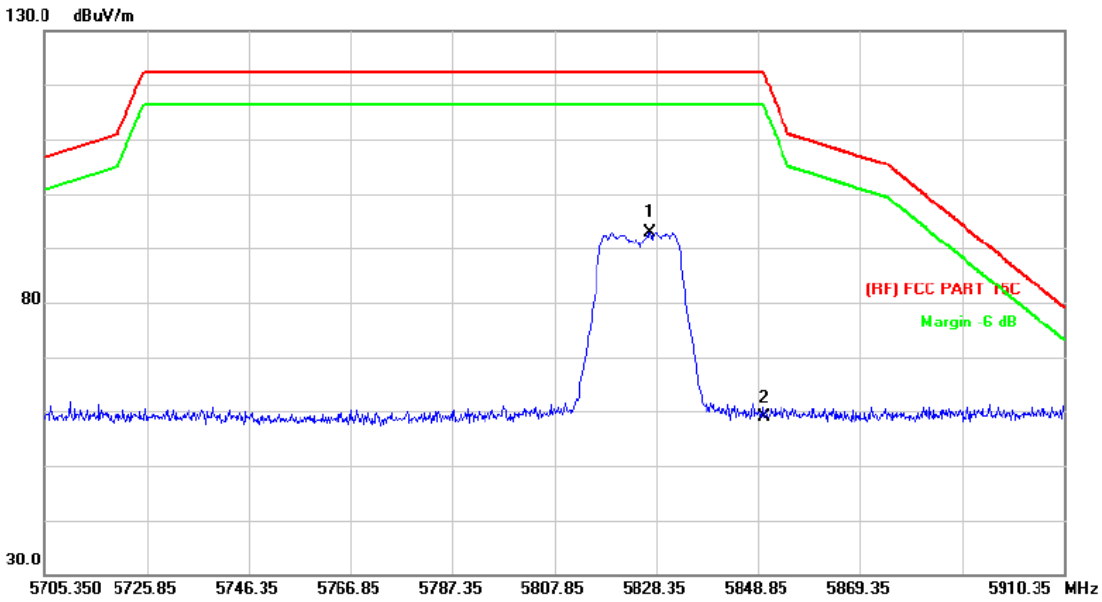
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(20) Mode 5825 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5819.330	76.10	18.43	94.53	122.30	-27.77	peak
2		5850.000	41.65	18.62	60.27	122.30	-62.03	peak

Emission Level= Read Level+ Correct Factor

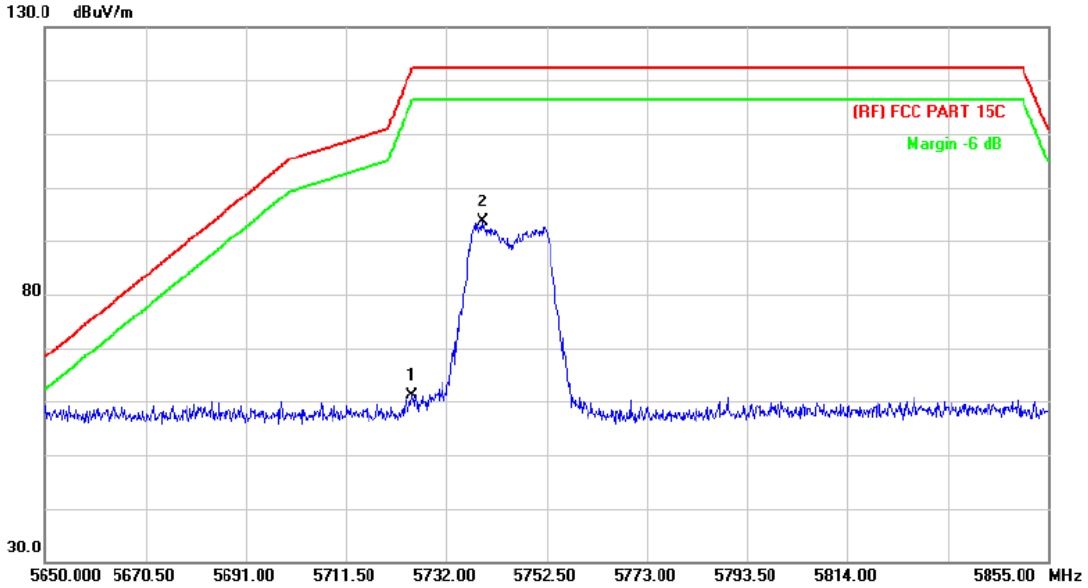
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(20) Mode 5825 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5827.120	74.49	18.48	92.97	122.30	-29.33	peak
2		5850.000	40.28	18.62	58.90	122.30	-63.40	peak

Emission Level= Read Level+ Correct Factor

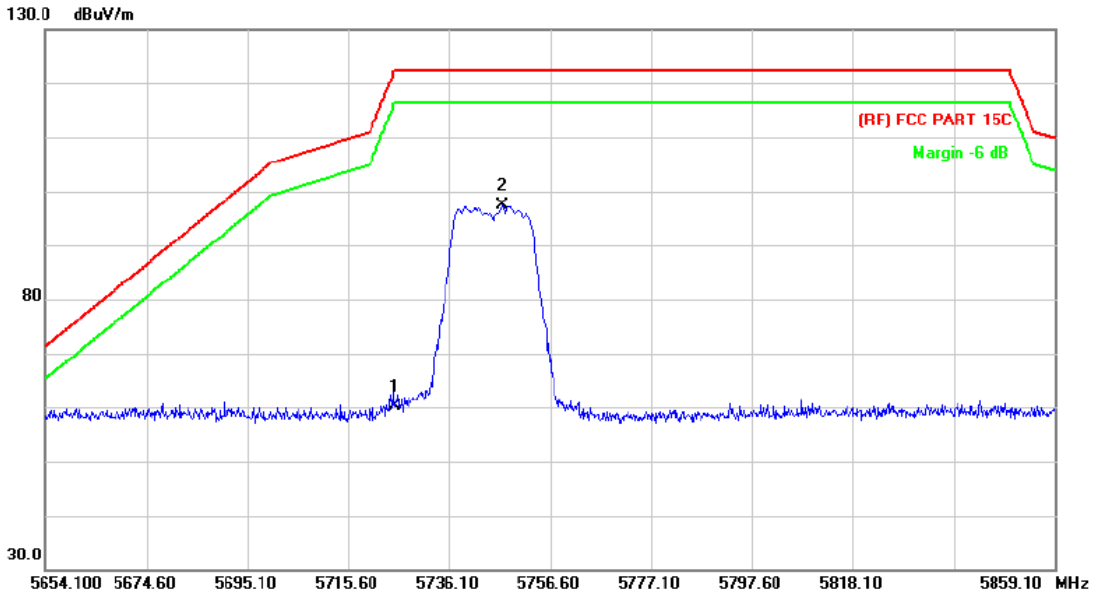
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5745 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	43.30	17.84	61.14	122.30	-61.16	peak
2	*	5739.380	75.63	17.93	93.56	122.30	-28.74	peak

Emission Level= Read Level+ Correct Factor

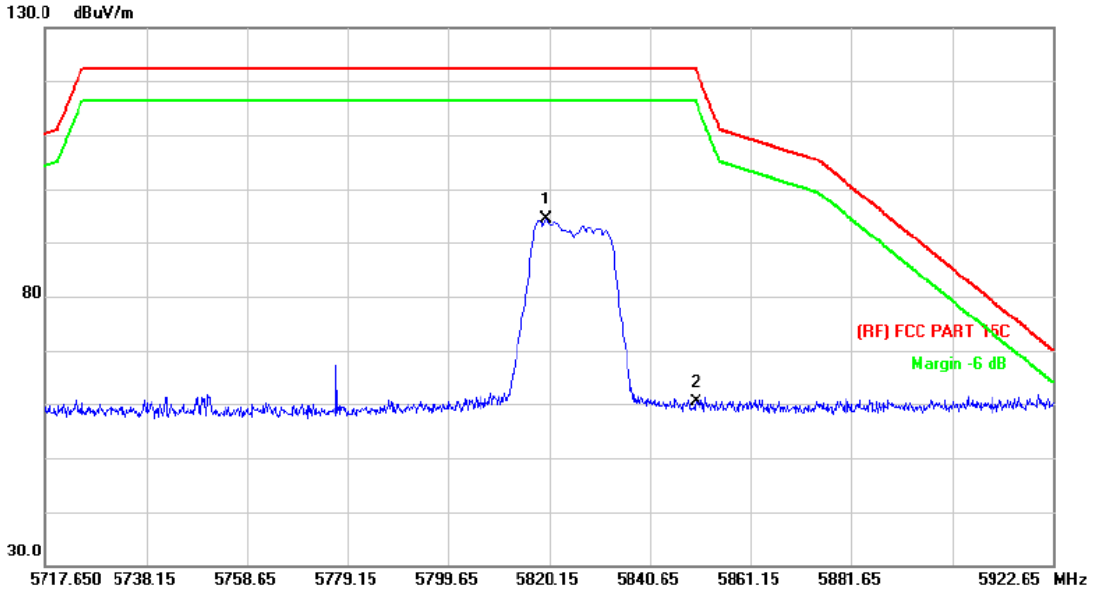
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5745 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	42.25	17.84	60.09	122.30	-62.21	peak
2	*	5746.965	79.45	17.98	97.43	122.30	-24.87	peak

Emission Level= Read Level+ Correct Factor

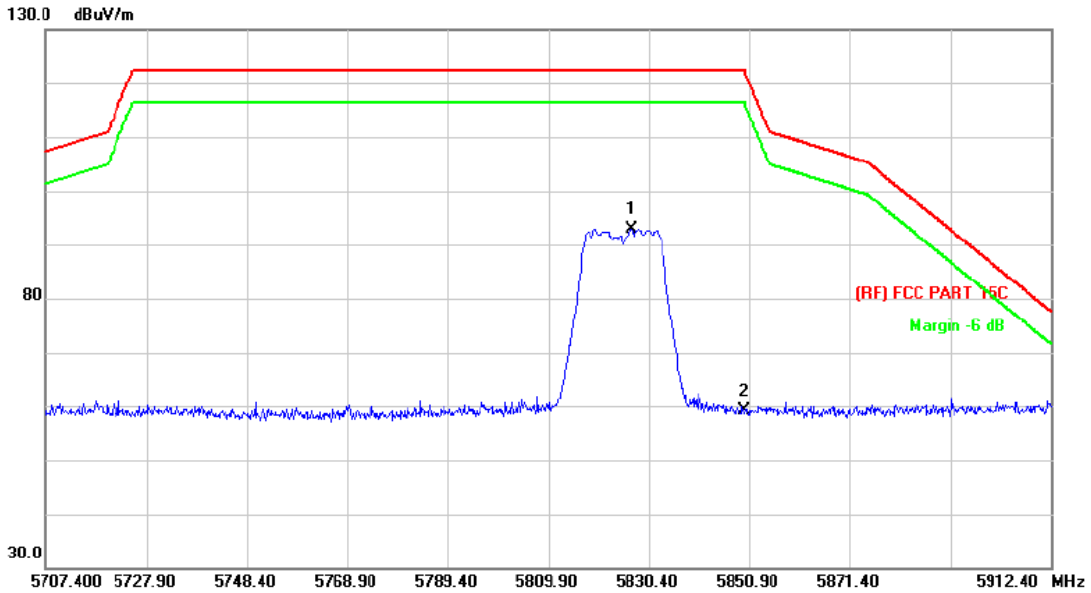
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(20) Mode 5825 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5819.330	76.06	18.43	94.49	122.30	-27.81	peak
2		5850.000	41.83	18.62	60.45	122.30	-61.85	peak

Emission Level= Read Level+ Correct Factor

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(20) Mode 5825 MHz (U-NII-3)		
Remark:	N/A		

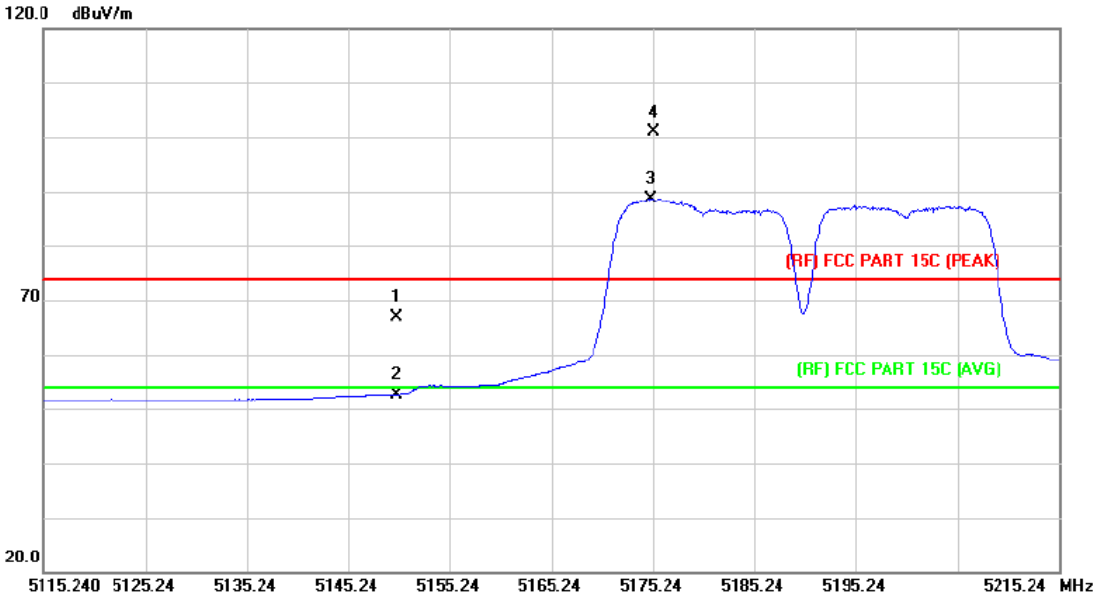


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5826.915	74.51	18.48	92.99	122.30	-29.31	peak
2		5850.000	40.62	18.62	59.24	122.30	-63.06	peak

Emission Level= Read Level+ Correct Factor

n(40)/ac(40)

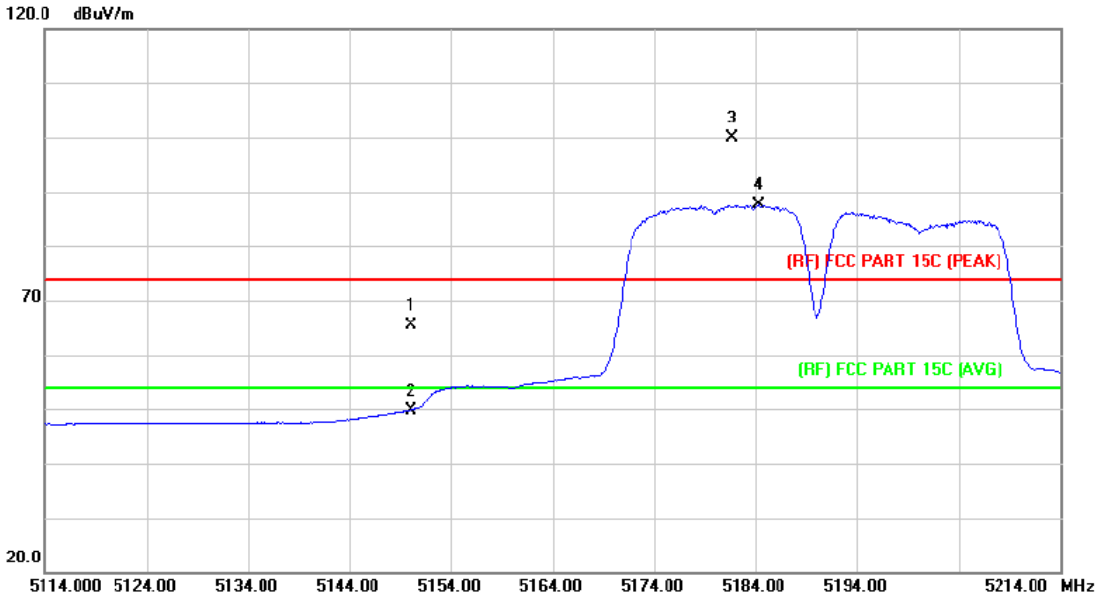
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n (40) Mode 5190 MHz (U-NII-1)		
Remark:	TX 802.11n (40) Mode 5190~5230 MHz (U-NII-1) CH Low		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	49.59	17.21	66.80	74.00	-7.20	peak
2		5150.000	35.53	17.21	52.74	74.00	-21.26	AVG
3	X	5175.040	71.58	17.15	88.73	Fundamental Frequency		AVG
4	*	5175.240	83.77	17.15	100.92	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

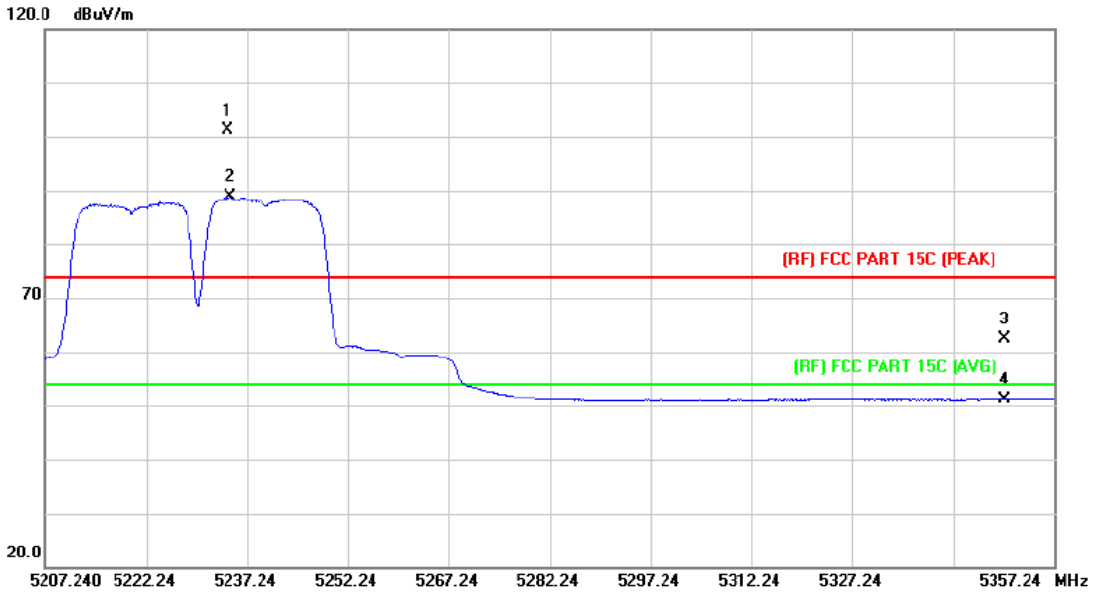
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n (40) Mode 5190 MHz (U-NII-1)		
Remark:	TX 802.11n (40) Mode 5190~5230 MHz (U-NII-1) CH Low		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	48.10	17.21	65.31	74.00	-8.69	peak
2		5150.000	32.54	17.21	49.75	54.00	-4.25	AVG
3	X	5181.700	82.75	17.14	99.89	Fundamental Frequency		peak
4	*	5184.300	70.40	17.14	87.54	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

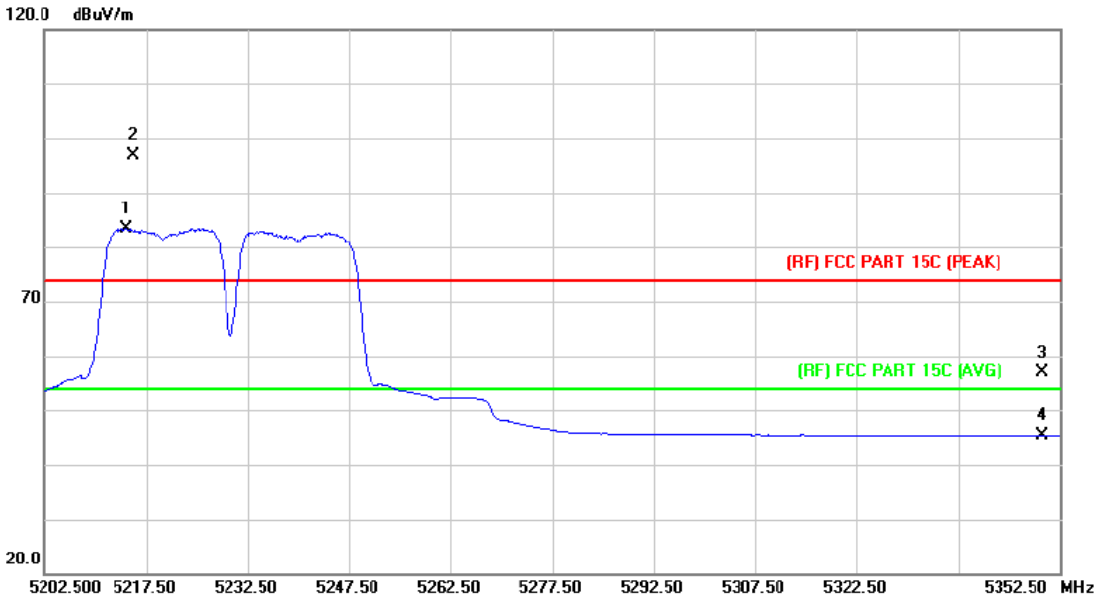
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n (40) Mode 5230 MHz (U-NII-1)		
Remark:	TX 802.11n (40) Mode 5190~5230 MHz (U-NII-1) CH High		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	5234.240	84.21	17.02	101.23	Fundamental Frequency		peak
2	*	5234.690	71.85	17.02	88.87	Fundamental Frequency		AVG
3		5350.000	45.67	16.77	62.44	74.00	-11.56	peak
4		5350.000	34.25	16.77	51.02	54.00	-2.98	AVG

Emission Level= Read Level+ Correct Factor

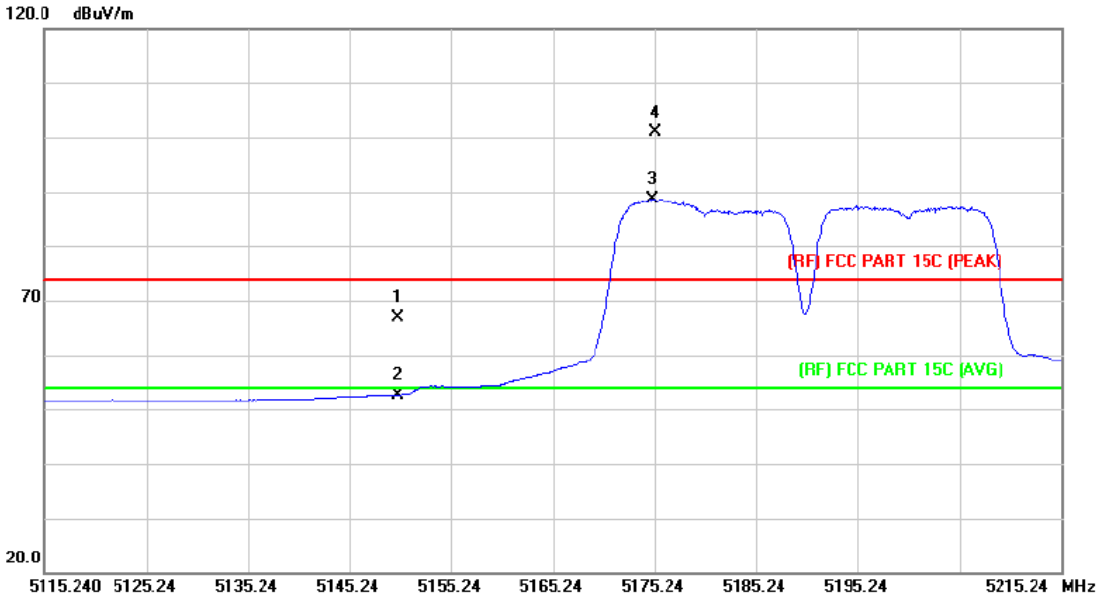
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n (40) Mode 5230 MHz (U-NII-1)		
Remark:	TX 802.11n (40) Mode 5190~5230 MHz (U-NII-1) CH High		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5214.500	66.39	17.06	83.45	Fundamental Frequency		AVG
2	X	5215.550	79.79	17.06	96.85	Fundamental Frequency		peak
3		5350.000	40.20	16.77	56.97	74.00	-17.03	peak
4		5350.000	28.67	16.77	45.44	54.00	-8.56	AVG

Emission Level= Read Level+ Correct Factor

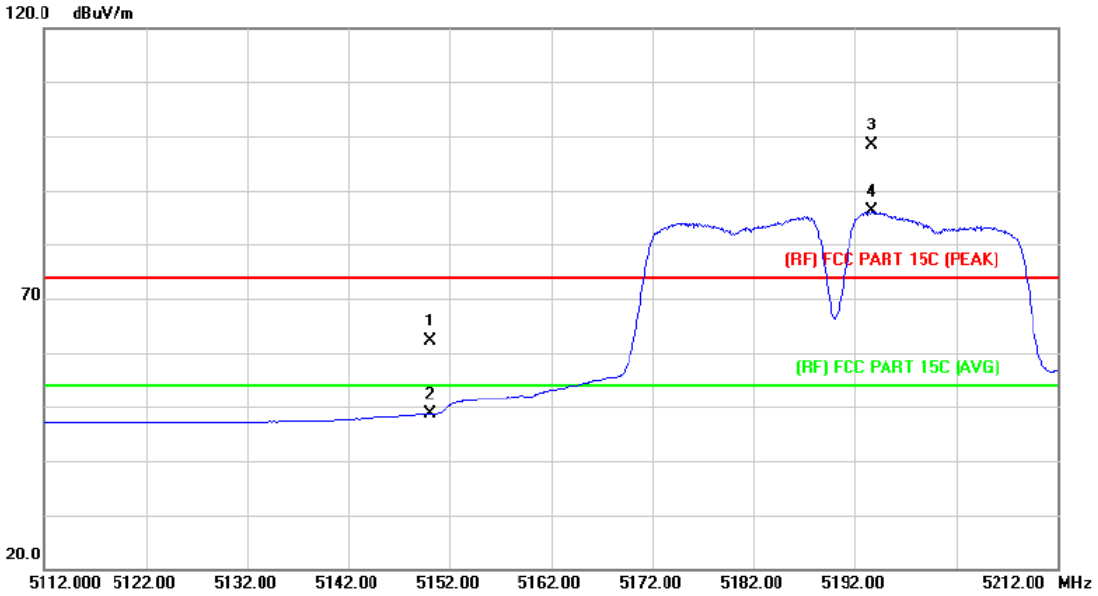
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac (40) Mode 5190 MHz (U-NII-1)		
Remark:	TX 802.11ac (40) Mode 5190~5230 MHz (U-NII-1) CH Low		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	49.59	17.21	66.80	74.00	-7.20	peak
2		5150.000	35.53	17.21	52.74	74.00	-21.26	AVG
3	X	5175.040	71.58	17.15	88.73	Fundamental Frequency		AVG
4	*	5175.240	83.77	17.15	100.92	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

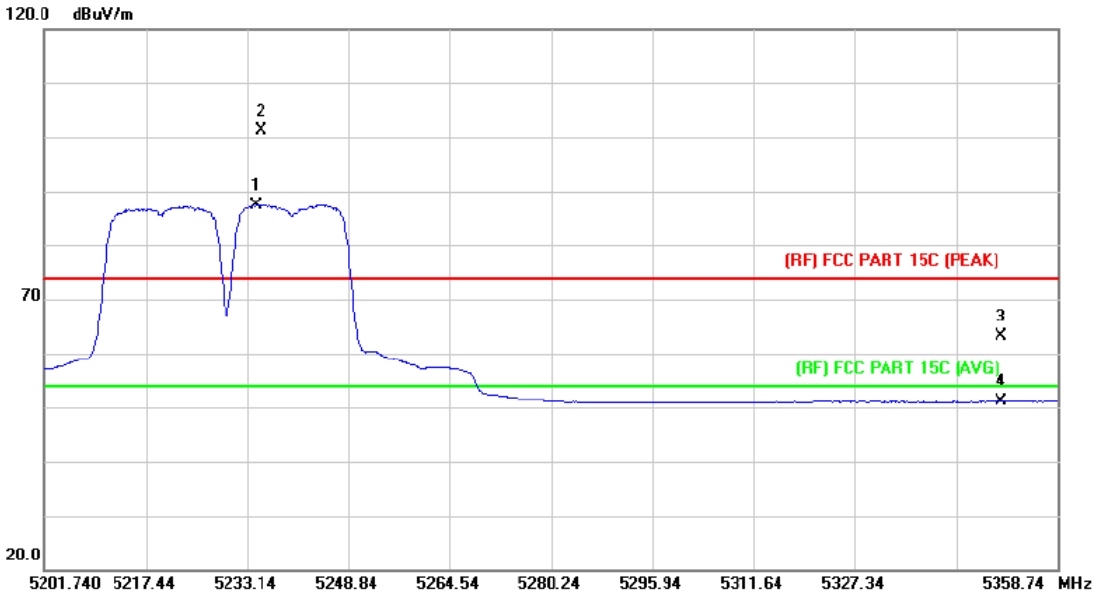
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac (40) Mode 5190 MHz (U-NII-1)		
Remark:	TX 802.11ac (40) Mode 5190~5230 MHz (U-NII-1) CH Low		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	45.04	17.21	62.25	74.00	-11.75	peak
2		5150.000	31.45	17.21	48.66	54.00	-5.34	AVG
3	X	5193.700	81.19	17.11	98.30	Fundamental Frequency		peak
4	*	5193.700	68.93	17.11	86.04	Fundamental Frequency		AVG

Emission Level= Read Level+ Correct Factor

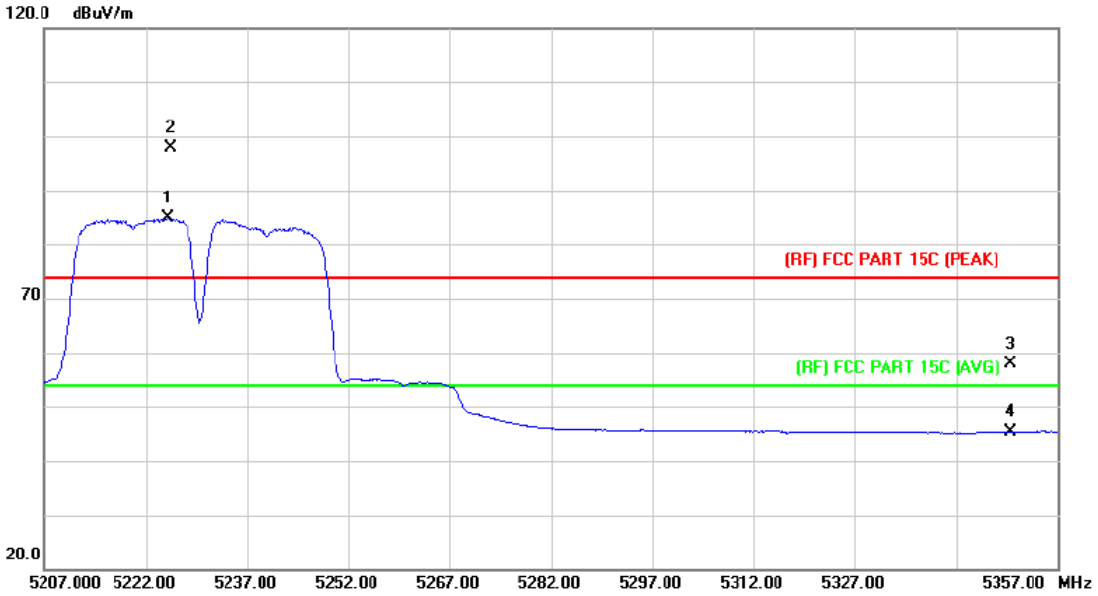
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac (40) Mode 5230 MHz (U-NII-1)		
Remark:	TX 802.11ac (40) Mode 5190~5230 MHz (U-NII-1) CH High		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5234.553	70.48	17.02	87.50	Fundamental Frequency		AVG
2	X	5235.338	84.20	17.02	101.22	Fundamental Frequency		peak
3		5350.000	46.33	16.77	63.10	74.00	-10.90	peak
4		5350.000	34.24	16.77	51.01	54.00	-2.99	AVG

Emission Level= Read Level+ Correct Factor

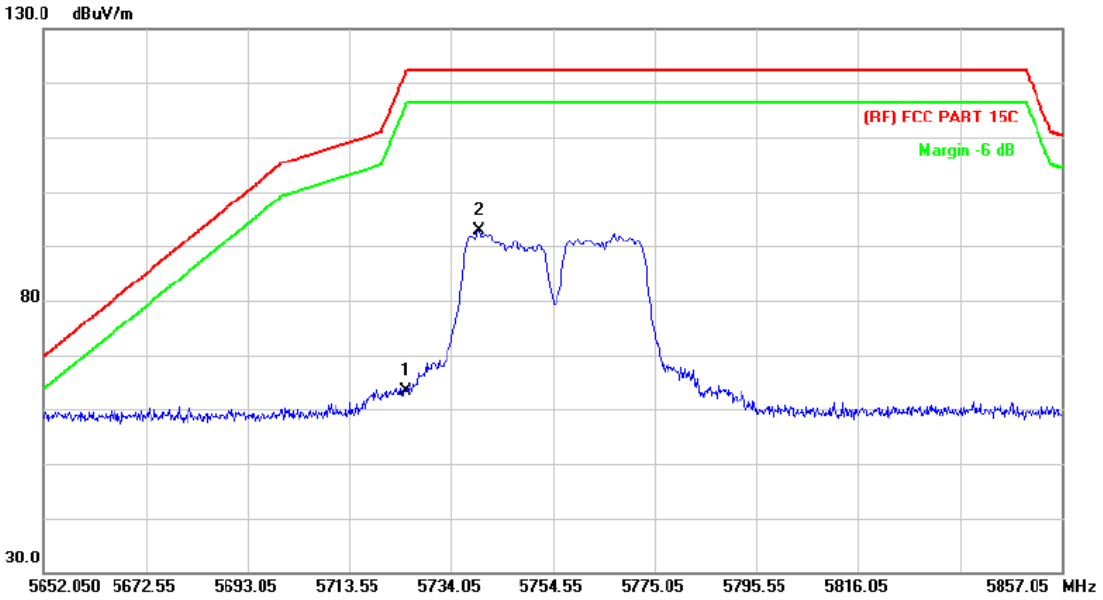
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac (40) Mode 5230 MHz (U-NII-1)		
Remark:	TX 802.11ac (40) Mode 5190~5230 MHz (U-NII-1) CH High		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5225.300	67.75	17.04	84.79	Fundamental Frequency		AVG
2	X	5225.600	80.84	17.04	97.88	Fundamental Frequency		peak
3		5350.000	41.16	16.77	57.93	74.00	-16.07	peak
4		5350.000	28.62	16.77	45.39	54.00	-8.61	AVG

Emission Level= Read Level+ Correct Factor

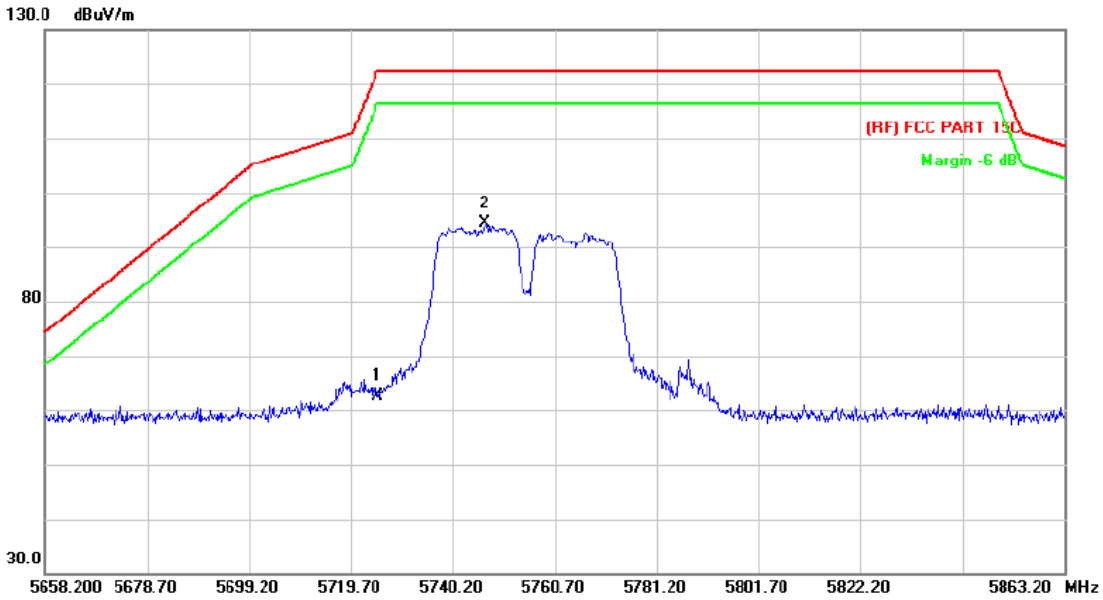
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(40) Mode 5755MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	45.45	17.84	63.29	122.30	-59.01	peak
2	*	5739.585	74.93	17.93	92.86	122.30	-29.44	peak

Emission Level= Read Level+ Correct Factor

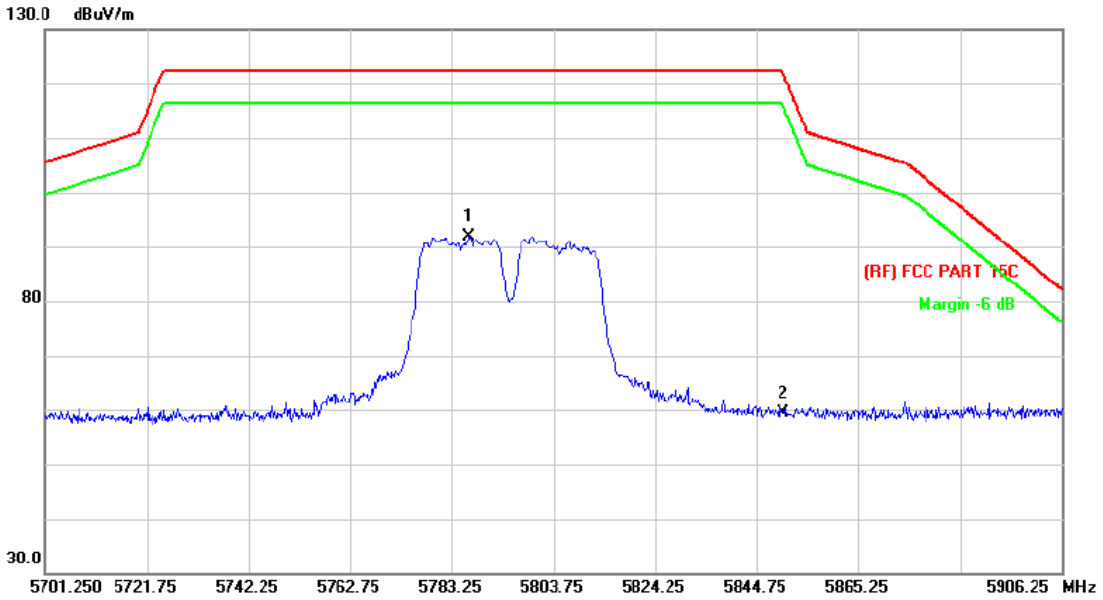
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(40) Mode 5755MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	44.75	17.84	62.59	122.30	-59.71	peak
2	*	5746.760	76.47	17.98	94.45	122.30	-27.85	peak

Emission Level= Read Level+ Correct Factor

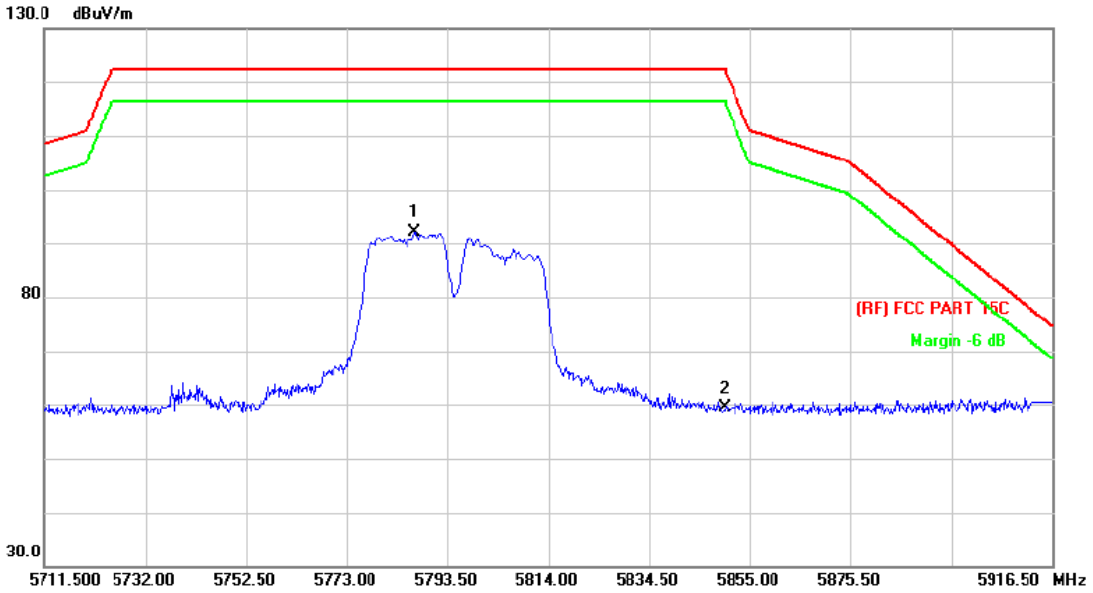
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(40) Mode 5795 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5786.735	73.59	18.23	91.82	122.30	-30.48	peak
2		5850.000	40.68	18.62	59.30	122.30	-63.00	peak

Emission Level= Read Level+ Correct Factor

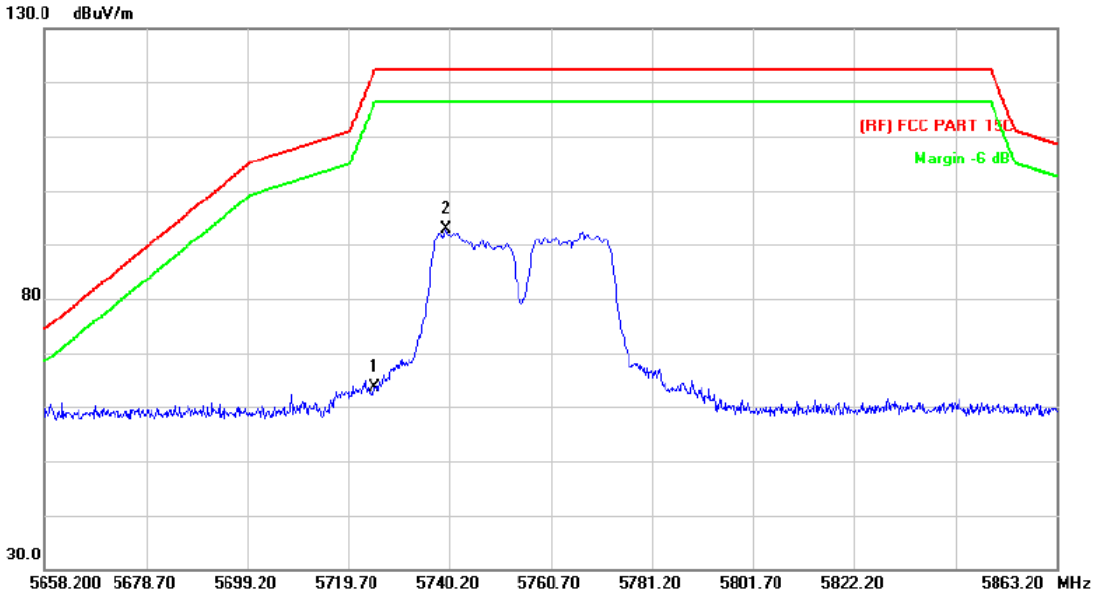
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(40) Mode 5795 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5786.940	73.91	18.23	92.14	122.30	-30.16	peak
2		5850.000	40.68	18.62	59.30	122.30	-63.00	peak

Emission Level= Read Level+ Correct Factor

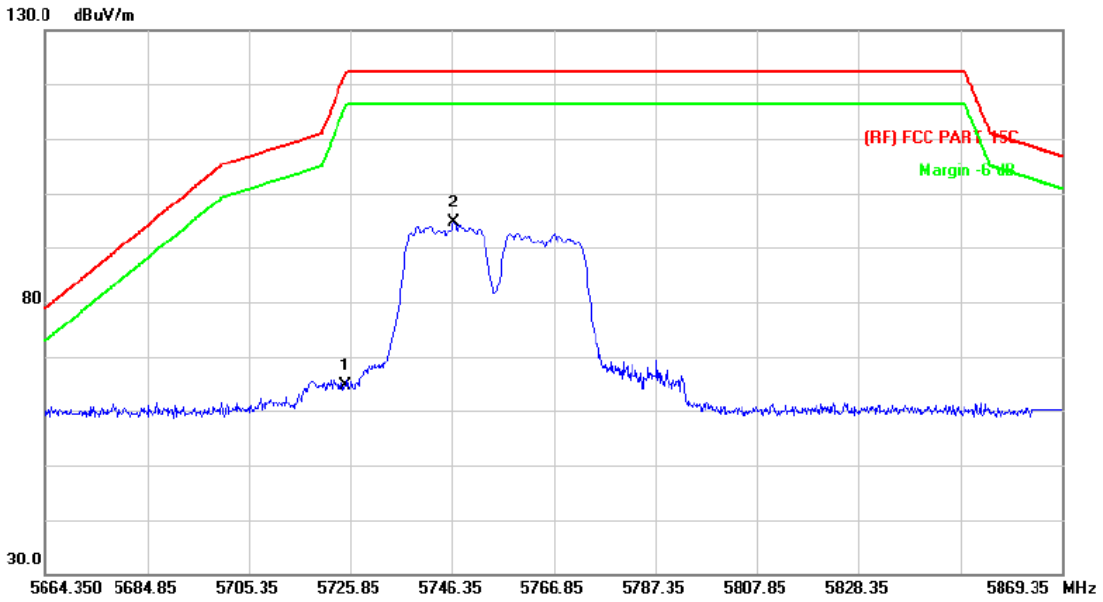
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(40) Mode 5755 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	45.85	17.84	63.69	122.30	-58.61	peak
2	*	5739.585	74.85	17.93	92.78	122.30	-29.52	peak

Emission Level= Read Level+ Correct Factor

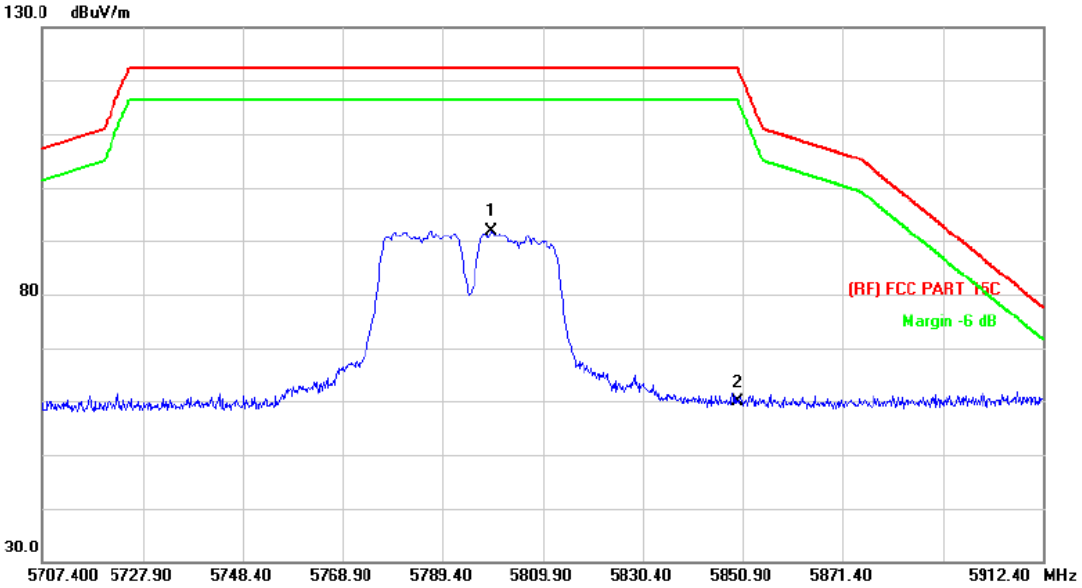
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(40) Mode 5755 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	46.90	17.84	64.74	122.30	-57.56	peak
2	*	5746.760	76.55	17.98	94.53	122.30	-27.77	peak

Emission Level= Read Level+ Correct Factor

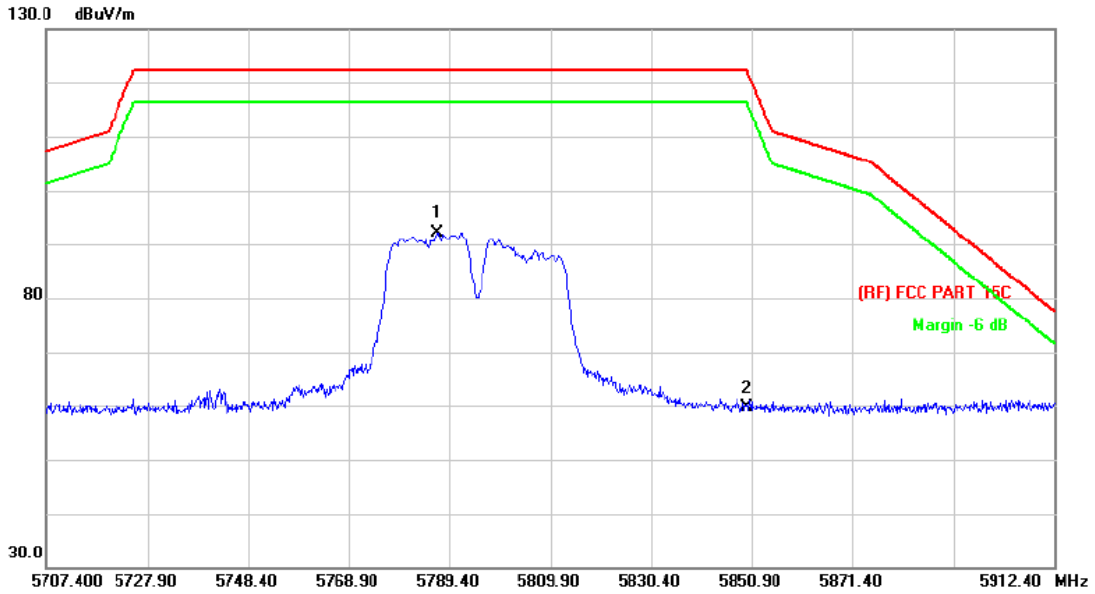
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(40) Mode 5795 MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5799.445	73.55	18.31	91.86	122.30	-30.44	peak
2		5850.000	41.21	18.62	59.83	122.30	-62.47	peak

Emission Level= Read Level+ Correct Factor

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(40) Mode 5795 MHz (U-NII-3)		
Remark:	N/A		

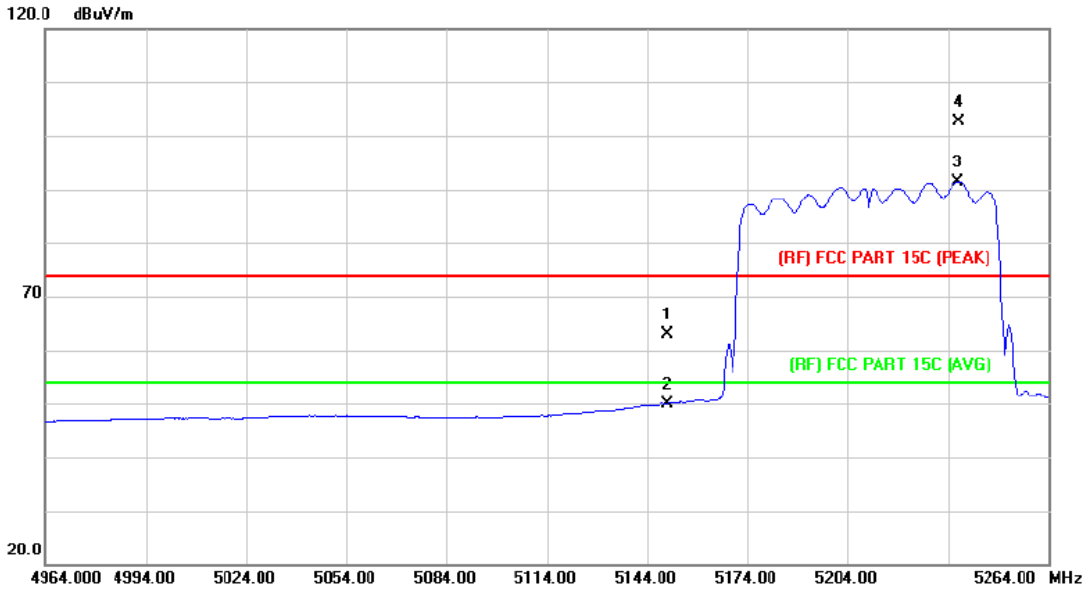


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5786.940	73.91	18.23	92.14	122.30	-30.16	peak
2		5850.000	41.10	18.62	59.72	122.30	-62.58	peak

Emission Level= Read Level+ Correct Factor

ac(80)

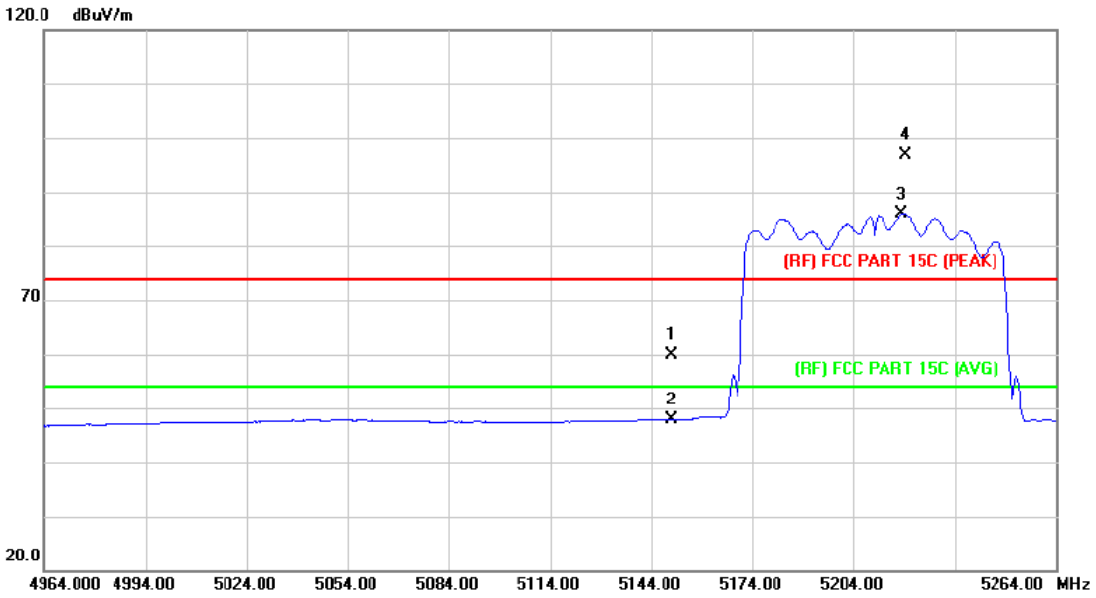
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11 ac(80) Mode 5210MHz (U-NII-1)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	45.68	17.21	62.89	74.00	-11.11	peak
2		5150.000	32.77	17.21	49.98	54.00	-4.02	AVG
3	*	5237.000	74.41	17.01	91.42	Fundamental Frequency		AVG
4	X	5237.300	85.51	17.01	102.52	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

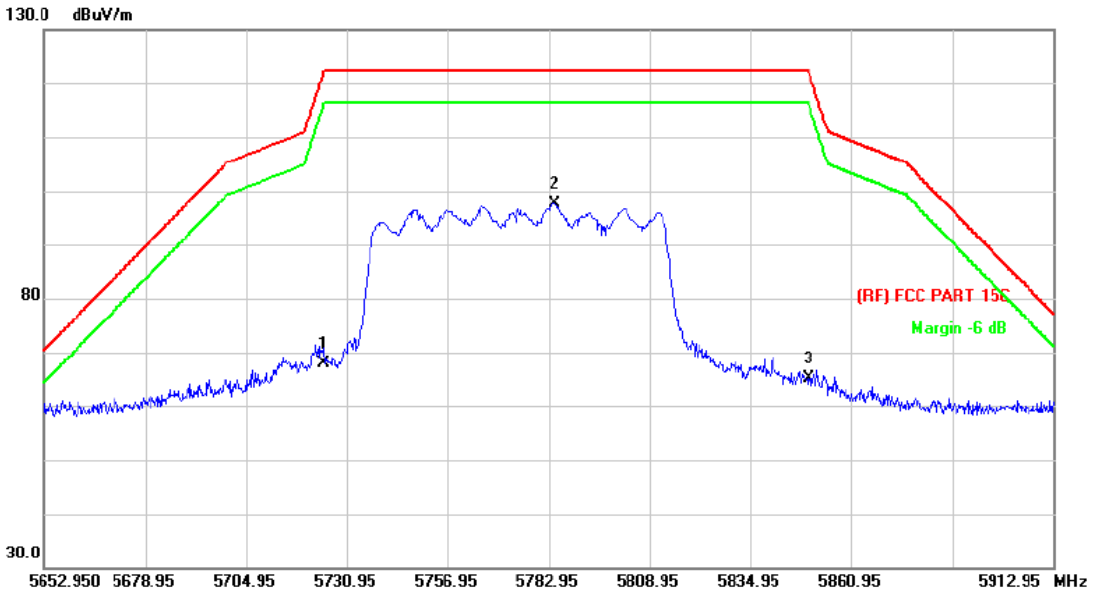
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11 ac(80) Mode 5210MHz (U-NII-1)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	42.69	17.21	59.90	74.00	-14.10	peak
2		5150.000	30.66	17.21	47.87	54.00	-6.13	AVG
3	*	5218.400	68.79	17.06	85.85	Fundamental Frequency		AVG
4	X	5219.300	79.82	17.06	96.88	Fundamental Frequency		peak

Emission Level= Read Level+ Correct Factor

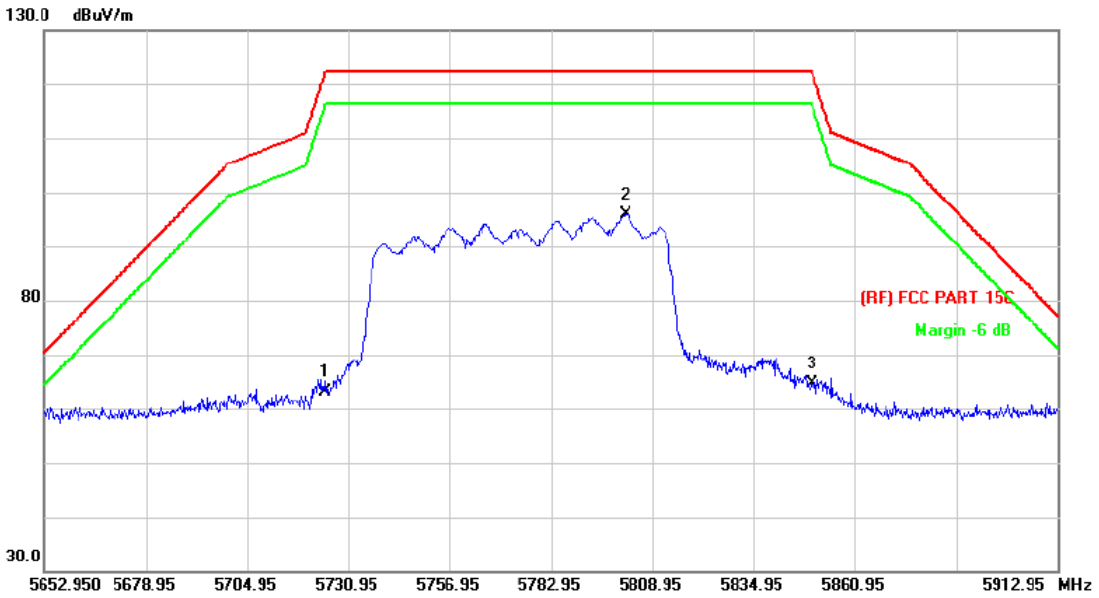
Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11 ac(80) Mode 5775MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	50.03	17.84	67.87	122.30	-54.43	peak
2	*	5784.510	79.34	18.22	97.56	122.30	-24.74	peak
3		5850.000	46.39	18.62	65.01	122.30	-57.29	peak

Emission Level= Read Level+ Correct Factor

Temperature:	25 ℃	**Relative Humidity:**	55%
Test Voltage:	DC 3.7V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11 ac(80) Mode 5775MHz (U-NII-3)		
Remark:	N/A		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	45.39	17.84	63.23	122.30	-59.07	peak
2	*	5802.190	77.66	18.31	95.97	122.30	-26.33	peak
3		5850.000	46.00	18.62	64.62	122.30	-57.68	peak

Emission Level= Read Level+ Correct Factor