

Radio Test Report

FCC ID: OYRCF-924AC

Original Grant

Report No. : TB-FCC179823

Applicant : Shenzhen Four Seas Global Link Network Technology Co., Ltd.

Equipment Under Test (EUT)

EUT Name : AC Wireless Network Card

Model No. : CF-924AC V2

Series Model No. : CF-821AC, CF-813B, CF-727B, CF-938AC, CF-926AC, CF-926AC PRO, CF-WU785AC, CF-WU783AC, CF-958AC, CF-939AC

Sample ID : 20210402-14-1#& 20210402-14-2#

Brand Name : ----

Receipt Date : 2021-04-15

Test Date : 2021-04-16 to 2021-04-28

Issue Date : 2021-04-29

Standards : FCC Part 15, Subpart E 15.407
ANSI C63.10: 2013

Test Method : KDB 789033 D02 General UNII Test Procedures New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01

Conclusions : **PASS**

In the configuration tested, the EUT complied with the standards specified above.

Test/Witness Engineer : *Rebecca*

Test/Witness Engineer : *Ivan Su*

Engineer Manager : *Ray Lai*



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

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Revision History

Report No.	Version	Description	Issued Date
TB-FCC179823	Rev.01	Initial issue of report	2021-04-29

1. General Information about EUT

1.1 Client Information

Applicant	:	Shenzhen Four Seas Global Link Network Technology Co., Ltd.
Address	:	Room 607-610, Block B, TAOJINDI Electronic Business Incubation Base, Tenglong Road, Longhua District, Shenzhen, China
Manufacturer	:	Shenzhen Four Seas Global Link Network Technology Co., Ltd.
Address	:	Room 607-610, Block B, TAOJINDI Electronic Business Incubation Base, Tenglong Road, Longhua District, Shenzhen, China

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	AC Wireless Network Card	
Model No.	:	CF-924AC V2, CF-821AC, CF-813B, CF-727B, CF-938AC, CF-926AC, CF-926AC PRO, CF-WU785AC, CF-WU783AC, CF-958AC, CF-939AC	
Model Difference	:	All these models are identical in the same PCB, layout and electrical circuit, The only difference is appearance color and model name.	
Product Description	:	Operation Frequency: U-NII-1: 5180MHz~5240MHz, U-NII-3: 5745MHz~5825MHz	
		Number of Channel:	Please see Note(2)
		Antenna Gain:	Please see Note(3)
		Modulation Type:	802.11a: OFDM (QPSK, BPSK, 16QAM, 64QAM) 802.11n: OFDM (QPSK, BPSK, 16QAM, 64QAM) 802.11ac: OFDM (QPSK, BPSK, 16QAM, 64QAM, 256QAM)
		Bit Rate of Transmitter:	Using 20MHz bandwidth, data rate up to 173.3 Mbps Using 40MHz bandwidth, data rate up to 400 Mbps Using 80MHz bandwidth, data rate up to 866.7 Mbps
Power Rating	:	USB Input: DC 5V	
Software Version	:	N/A	
Hardware Version	:	N/A	
Remark	:	The antenna gain provided by the applicant, the verified for the RF conduction test provided by TOBY test lab.	

Note:

- (1) This Test Report is FCC Part 15, Subpart E(15.407) for 802.11a/n/ac, the test procedure follows the KDB 789033 D02 General U-NII Test Procedures New Rules v02r01. More detailed features description, please refer to the manufacturer's specifications or the User's Manual.

(2) Channel List:

Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5180~5240MHz (U-NII-1)	36	5180 MHz	44	5220 MHz
	38	5190 MHz	46	5230 MHz
	40	5200 MHz	48	5240 MHz
	42	5210 MHz		
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.				
Frequency Band	Channel No.	Frequency	Channel No.	Frequency
5745~5825MHz (U-NII-3)	149	5745 MHz	157	5785 MHz
	151	5755 MHz	159	5795 MHz
	153	5765 MHz	161	5805 MHz
	155	5775 MHz	165	5825 MHz
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) Channel List:

Mode		N _{ANT}	Remark	
802.11a		1	The worst case is ANT. A TX	
802.11n (HT20)		2	ANT. A+ ANT. B	
802.11n (HT40)		2	ANT. A+ ANT. B	
802.11ac(VHT20)		2	ANT. A+ ANT. B	
802.11ac(VHT40)		2	ANT. A+ ANT. B	
802.11ac(VHT80)		2	ANT. A+ ANT. B	
Antenna	Brand	Model Name	Type	Antenna Gain (dBi)
ANT. A	N/A	N/A	Dipole	U-NII-1: 2
				U-NII-3: 2
ANT. B	N/A	N/A	Dipole	U-NII-1: 2
				U-NII-3: 2
Note: For MIMO mode: Directional Gain=ANT. Gain+10*LOG(NANT) =5.01dBi 5G working with 802.11n/ac has MIMO mode.				

1.3 Block Diagram Showing the Configuration of System Tested



1.4 Description of Support Units

Name	Model	S/N	Manufacturer	Used “√”
Notebook	161301-CN	15987/00203076	Xiaomi	√
Notebook	T450s	-----	Thinkpad	√

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 a Mode(5180MHz)
For Radiated Test Below 1GHz		
Final Test Mode		Description
Mode 2		TX a Mode(5180MHz)
For Radiated Above 1GHz and RF Conducted Test		
Test Band	Final Test Mode	Description
U-NII-1	Mode 3	TX Mode 802.11a Mode Channel 36/40/48
	Mode 4	TX Mode 802.11n(HT20) Mode Channel 36/40/48
	Mode 5	TX Mode 802.11ac(VHT20) Mode Channel 36/40/48
	Mode 6	TX Mode 802.11n(HT40) Mode Channel 38/46
	Mode 7	TX Mode 802.11ac(VHT40) Mode Channel 38/46
	Mode 8	TX Mode 802.11ac(VHT80) Mode Channel 42
U-NII-3	Mode 9	TX Mode 802.11a Mode Channel 149/157/165
	Mode 10	TX Mode 802.11n(HT20) Mode Channel 149/157/165
	Mode 11	TX Mode 802.11ac(vHT20) Mode Channel 149/157/165
	Mode 12	TX Mode 802.11n(HT40) Mode Channel 151/159
	Mode 13	TX Mode 802.11ac(VHT40) Mode Channel 151/159
	Mode 14	TX Mode 802.11ac(VHT80) 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 0
- 802.11n (HT40) Mode: MCS 0
- 802.11ac(VHT20) Mode: MCS 0/ Nss1
- 802.11ac(VHT40) Mode: MCS 0/ Nss1
- 802.11ac(VHT80) Mode: MCS 0/ Nss1

- (2) During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.
- (3) The EUT is considered a portable device; 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:			
00008186-Win7_MP_Kit_RTL11ac_8822BU_USB_v0.19_20170515(BETA)			
U-NII-1			
Mode	Frequency (MHz)	Parameters	
		Ant. A	Ant. B
802.11a	5180	33	29
	5200	32	30
	5240	30	30
802.11n(HT20)	5180	30	25
	5200	28	26
	5240	26	26
802.11ac(VHT20)	5180	28	26
	5200	28	26
	5240	26	26
802.11n(HT40)	5190	28	26
	5230	27	26
802.11ac(VHT40)	5190	29	26
	5230	27	26
802.11ac(VHT80)	5210	28	28

U-NII-3			
Mode	Frequency (MHz)	Parameters	
		Ant. A	Ant. B
802.11a	5745	36	36
	5785	34	36
	5825	33	37
802.11n(HT20)	5745	28	26
	5785	28	26
	5825	28	23
802.11ac(VHT20)	5745	28	28
	5785	28	30
	5825	28	30
802.11n(HT40)	5755	27	28
	5795	26	27
802.11ac(VHT40)	5755	27	28
	5795	27	27
802.11ac(VHT80)	5775	26	26

1.7 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

Test Item	Parameters	Expanded Uncertainty (U_{Lab})
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	± 3.50 dB ± 3.10 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	± 4.60 dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	± 4.50 dB
Radiated Emission	Level Accuracy: Above 1000MHz	± 4.20 dB

1.8 Test Facility

The testing was performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at: 1/F., Building 6, Rundongsheng Industrial Zone, Longzhu, Xixiang, Bao'an District, 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: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2017 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01.FCC Accredited Test Site Number: 854351. Designation Number: CN1223.

IC Registration No.: (11950A)

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

2. Test Summary

FCC Part 15 Subpart E(15.407)				
Standard Section	Test Item	Sample ID	Judgment	Remark
15.203	Antenna Requirement	20210402-14-2#	PASS	N/A
15.207	Conducted Emission	20210402-14-1#	PASS	N/A
15.407(b)	Band Edge Emissions	20210402-14-2#	PASS	N/A
15.407(a)	26dB Bandwidth&99% Bandwidth	20210402-14-2#	PASS	N/A
15.407(e)	6dB Bandwidth(only for UNII-3)	20210402-14-2#	PASS	N/A
15.407(a)	AVG Output Power	20210402-14-2#	PASS	N/A
15.407(a)	Power Spectral Density	20210402-14-1# 20210402-14-2#	PASS	N/A
15.407(b) 15.205&15.209	Transmitter Radiated Spurious Emission	20210402-14-1# 20210402-14-2#	PASS	N/A
15.407(g)	Frequency Stability	20210402-14-2#	PASS	N/A
Note: “/” for no requirement for this test item. N/A is an abbreviation for Not Applicable.				

3. Test Software

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

4. Test Equipment

Conducted Emission Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jul. 06, 2020	Jul. 05, 2021
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 06, 2020	Jul. 05, 2021
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 06, 2020	Jul. 05, 2021
LISN	Rohde & Schwarz	ENV216	101131	Jul. 06, 2020	Jul. 05, 2021
Radiation Emission Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 06, 2020	Jul. 05, 2021
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul. 06, 2020	Jul. 05, 2021
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jul. 06, 2020	Jul. 05, 2021
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar.01, 2020	Feb. 28, 2022
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar.01, 2020	Feb. 28, 2022
Horn Antenna	ETS-LINDGREN	BBHA 9170	BBHA9170582	Mar.01, 2020	Feb. 28, 2022
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jul. 07, 2020	Jul. 06, 2021
Pre-amplifier	Sonoma	310N	185903	Feb. 25, 2021	Feb. 24, 2022
Pre-amplifier	HP	8449B	3008A00849	Feb. 25, 2021	Feb. 24, 2022
Pre-amplifier	SKET	LNPA_1840G-50	SK201904032	Feb. 25, 2021	Feb. 24, 2022
Cable	HUBER+SUHNER	100	SUCOFLEX	Feb. 25, 2021	Feb. 24, 2022
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. 06, 2020	Jul. 05, 2021
Spectrum Analyzer	Rohde & Schwarz	ESPI	100010/007	Jul. 06, 2020	Jul. 05, 2021
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Sep. 11, 2020	Sep. 10, 2021
Vector Signal Generator	Agilent	N5182A	MY50141294	Sep. 11, 2020	Sep. 10, 2021
Analog Signal Generator	Agilent	N5181A	MY50141953	Sep. 11, 2020	Sep. 10, 2021
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Sep. 11, 2020	Sep. 10, 2021
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Sep. 11, 2020	Sep. 10, 2021
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Sep. 11, 2020	Sep. 10, 2021
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Sep. 11, 2020	Sep. 10, 2021

5. Conducted Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard
FCC Part 15.207

5.1.2 Test Limit

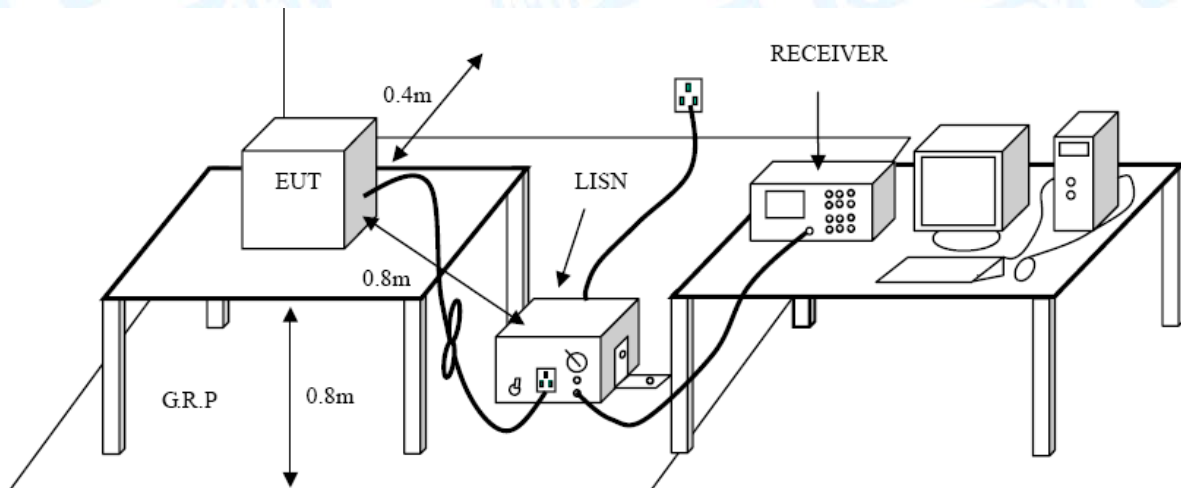
Conducted Emission Test Limit

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

Notes:

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

5.2 Test Setup



5.3 Test Procedure

- (1) 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.
- (2) 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.
- (3) 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.
- (4) LISN at least 80 cm from nearest part of EUT chassis.
- (5) The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

5.4 Deviation From Test Standard

No deviation

5.5 EUT Operating Mode

Please refer to the description of test mode.

5.6 Test Data

Please refer to the Attachment A.

6. Radiated Emission Test

6.1 Test Standard and Limit

- 6.1.1 Test Standard
FCC Part 15.209
6.1.2 Test Limit

General field strength limits at frequencies above 30 MHz

Frequency (MHz)	Field strength ($\mu\text{V/m}$ at 3 m)	Measurement Distance (meters)
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

General field strength limits at frequencies Above 1000MHz

Frequency (MHz)	Distance of 3m (dBuV/m)	
	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)

General field strength limits at frequencies Below 30MHz

Frequency (MHz)	Field Strength ($\mu\text{A/m}$)	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009~0.490	6.37/F (F in kHz)	2400/F(KHz)	300
0.490~1.705	63.7/F (F in kHz)	24000/F(KHz)	30
1.705~30.0	0.08	30	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

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

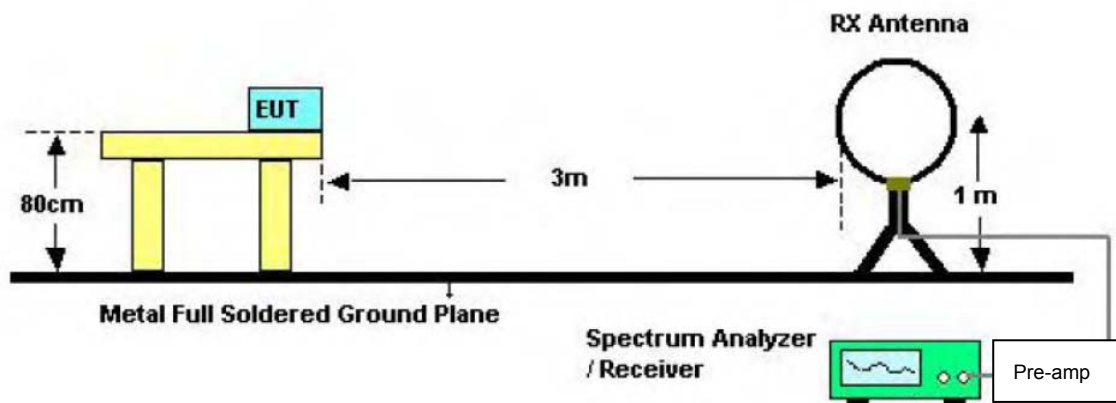
NOTE:

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

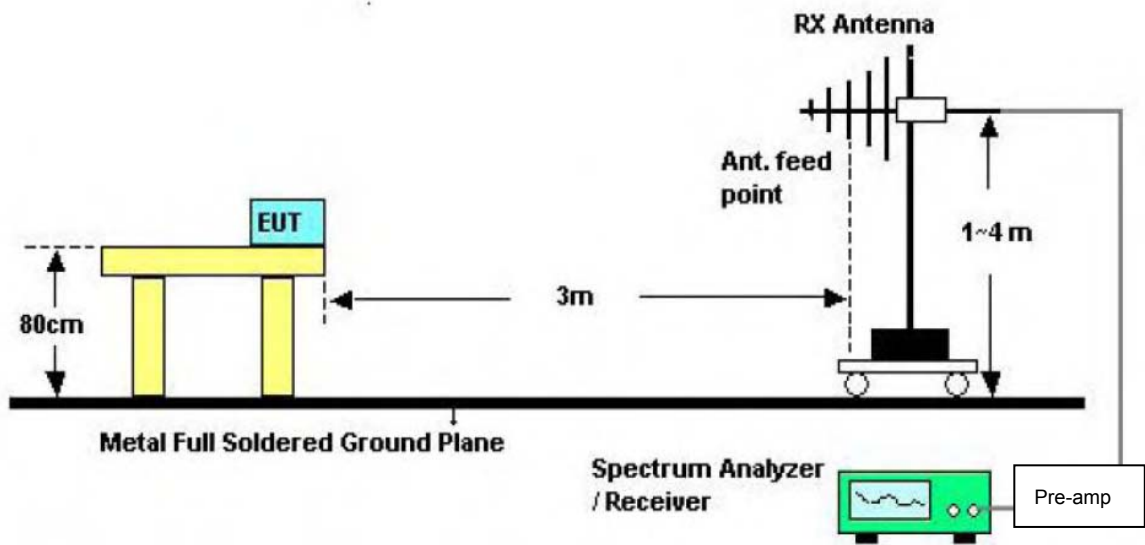
$$E = \frac{1000000\sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts)}$$

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

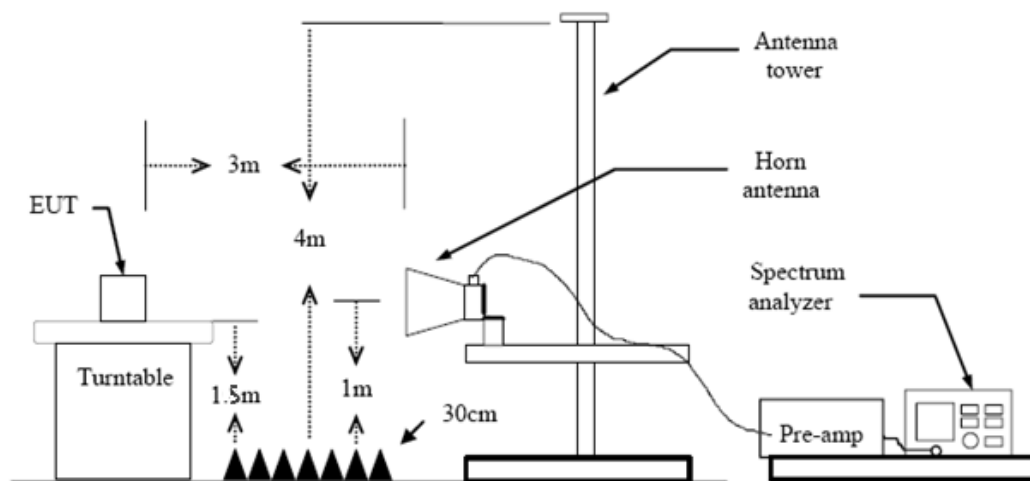
6.2 Test Setup



Below 30MHz Test Setup



Below 1000MHz Test Setup



Above 1GHz 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 Below 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 Deviation From Test Standard

No deviation

6.5 EUT Operating Condition

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

6.6 Test Data

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

Please refer to the Attachment B.

7. Band Edge Emissions

7.1 Test Standard and Limit

7.1.1 Test Standard
FCC Part 15.407(b)

7.1.2 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

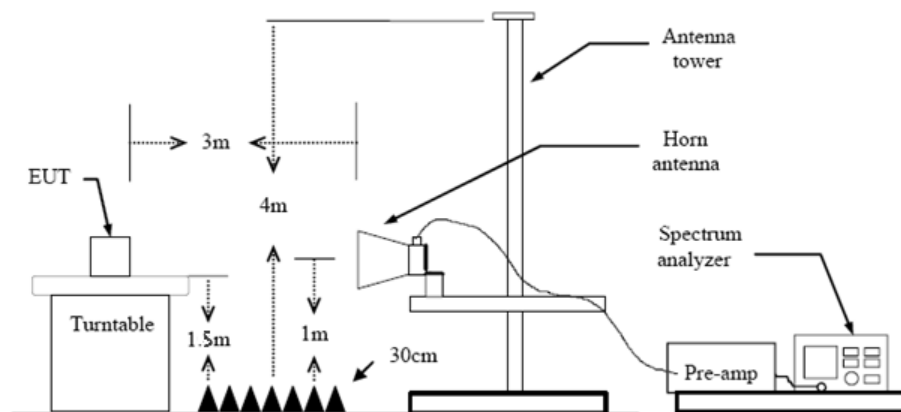
NOTE:

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

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

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

7.2 Test Setup



7.3 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 Ore 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.

7.4 Deviation From Test Standard

No deviation

7.5 EUT Operating Condition

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

7.6 Test Data

Please refer to the Attachment C.

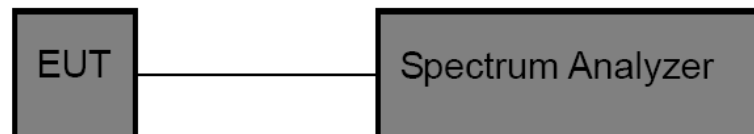
8. Bandwidth Test

8.1 Test Standard and Limit

- 8.1.1 Test Standard
FCC Part 15.407
- 8.1.2 Test Limit

RSS-247		
Test Item	Limit	Frequency Range (MHz)
26 Bandwidth	N/A	5150~5250
		5250~5350
		5500~5725
6 dB Bandwidth	>500kHz	5725~5850

8.2 Test Setup



8.3 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

8.4 Deviation From Test Standard

No deviation

8.5 EUT Operating Condition

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

8.6 Test Data

Please refer to the Attachment D.

9. Output Power Test

9.1 Test Standard and Limit

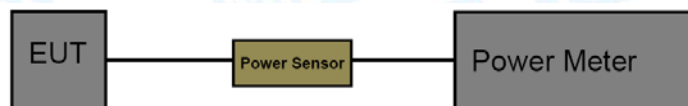
9.1.1 Test Standard

FCC Part 15.407 (a)

9.1.2 Test Limit

FCC Part 15 Subpart E(15.407)		
Test Item	Limit	Frequency Range(MHz)
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

9.2 Test Setup



9.3 Test Procedure

The measurement is according to section 3 of KDB 789033 D02 General U-NII Test Procedures New Rules v02r01.

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

9.4 Deviation From Test Standard

No deviation

9.5 EUT Operating Condition

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

9.6 Test Date

Please refer to the Attachment E.

10. Power Spectral Density Test

10.1 Test Standard and Limit

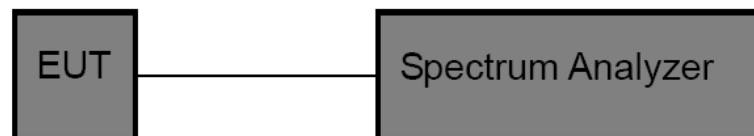
10.1.1 Test Standard

FCC Part 15.407 (a)

10.1.2 Test Limit

FCC Part 15 Subpart E(15.407)		
Test Item	Limit	Frequency Range(MHz)
Power Spectral Density	10dBm/MHz EIRP PSD	5150~5250
	11dBm/MHz	5250~5350
	11dBm/MHz	5500~5725
	30dBm/500kHz	5725~5850

9.2 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. The measurement is according to KDB 789033 D02 General U-NII 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.

10.4 Deviation From Test Standard

No deviation

10.5 EUT Operating Condition

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

10.6 Test Data

Please refer to the Attachment F.

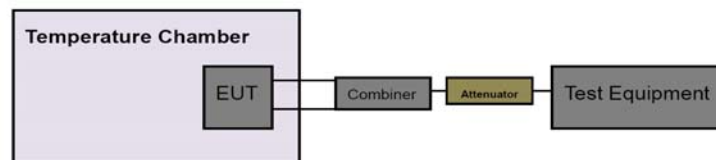
11. Frequency Stability Measurement

11.1 Test Standard and Limit

- 11.1.1 Test Standard
FCC Part 15.407
- 11.1.2 Test Limit

Test Item	Limit	Frequency Range (MHz)
Peak Excursion Measurement	Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual	5150~5250
		5250~5350
		5500~5720
		5725~5850

11.2 Test Setup



11.3 Test Procedure

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

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

11.4 Deviation From Test Standard

No deviation

11.5 EUT Operating Condition

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

11.6 Test Data

Please refer to the Attachment G.

12. Antenna Requirement

12.1 Standard Requirement

12.1.1 Standard

FCC Part 15.203

12.1.2 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.

12.2 Antenna Connected Construction

The gains of the antenna used for transmitting is 2dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

12.3 Deviation From Test Standard

No deviation

12.4 Result

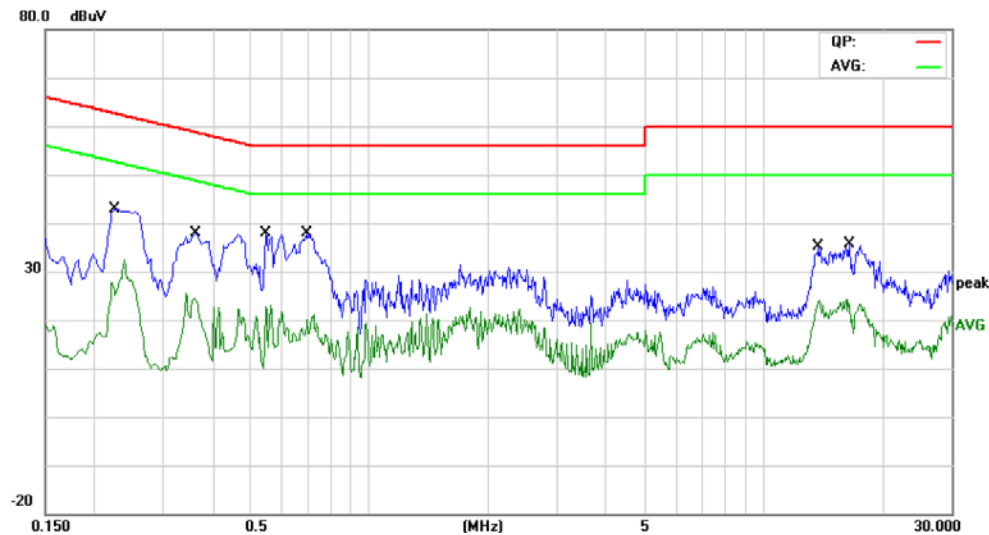
The EUT antennas is a metal Antenna. It complies with the standard requirement.

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

Attachment A-- Conducted Emission Test Data

Remark: All channels have been tested and Shows only the worst channels.

Temperature:	24.8 °C	Relative Humidity:	42%
Test Voltage:	AC 120V/60Hz		
Terminal:	Line		
Test Mode:	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	*	0.2260	31.39	9.80	41.19	62.59	-21.40	QP
2		0.2260	13.69	9.80	23.49	52.59	-29.10	AVG
3		0.3620	25.70	9.80	35.50	58.68	-23.18	QP
4		0.3620	10.28	9.80	20.08	48.68	-28.60	AVG
5		0.5460	14.33	9.80	24.13	56.00	-31.87	QP
6		0.5460	3.22	9.80	13.02	46.00	-32.98	AVG
7		0.6900	23.63	9.80	33.43	56.00	-22.57	QP
8		0.6900	7.58	9.80	17.38	46.00	-28.62	AVG
9		13.8140	17.45	9.98	27.43	60.00	-32.57	QP
10		13.8140	10.65	9.98	20.63	50.00	-29.37	AVG
11		16.4900	16.21	10.00	26.21	60.00	-33.79	QP
12		16.4900	7.97	10.00	17.97	50.00	-32.03	AVG

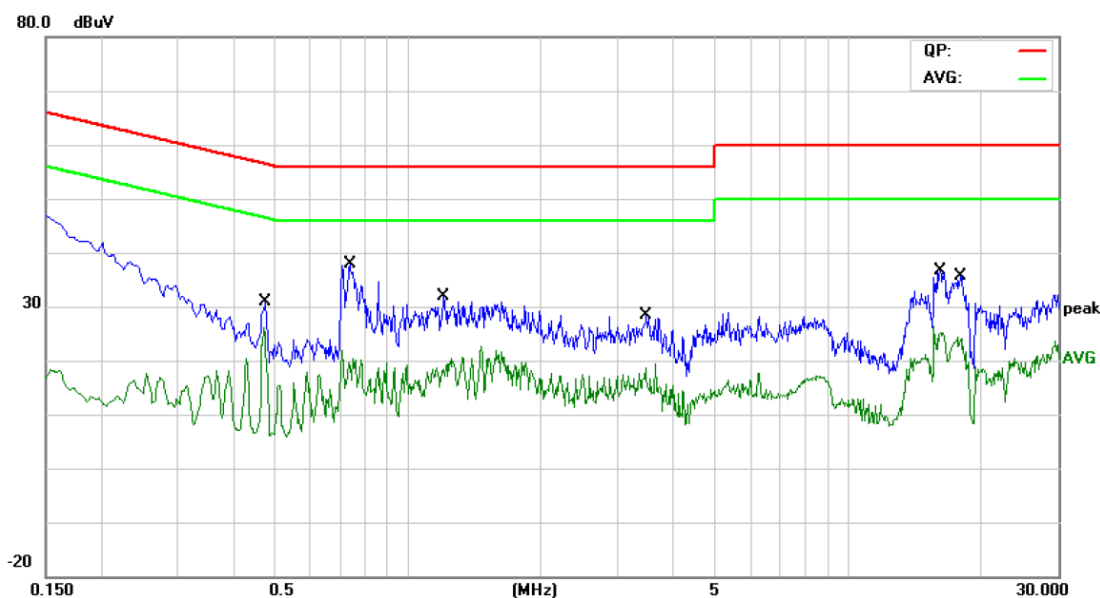
*:Maximum data x:Over limit !:over margin

Remark:

1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

2. Margin (dB) =QuasiPeak/Average (dBuV)-Limit (dBuV)

Temperature:	24.8 °C	Relative Humidity:	42%
Test Voltage:	AC 120V/60Hz		
Terminal:	Neutral		
Test Mode:	TX 802.11a Mode CH36		
Remark:	Only worse case is reported		



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector
1	*	0.4740	25.81	9.80	35.61	56.44	-20.83	QP
2		0.4740	7.63	9.80	17.43	46.44	-29.01	AVG
3		0.7380	24.00	9.80	33.80	56.00	-22.20	QP
4		0.7380	8.20	9.80	18.00	46.00	-28.00	AVG
5		1.2059	14.23	9.80	24.03	56.00	-31.97	QP
6		1.2059	6.54	9.80	16.34	46.00	-29.66	AVG
7		3.4740	13.24	9.80	23.04	56.00	-32.96	QP
8		3.4740	6.63	9.80	16.43	46.00	-29.57	AVG
9		16.1540	16.87	10.00	26.87	60.00	-33.13	QP
10		16.1540	10.93	10.00	20.93	50.00	-29.07	AVG
11		17.9580	17.89	10.00	27.89	60.00	-32.11	QP
12		17.9580	10.87	10.00	20.87	50.00	-29.13	AVG

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

Remark:

1. Corr. Factor (dB) = LISN Factor (dB) + Cable Loss (dB)

2. Margin (dB) = QuasiPeak/Average (dBuV) - Limit (dBuV)

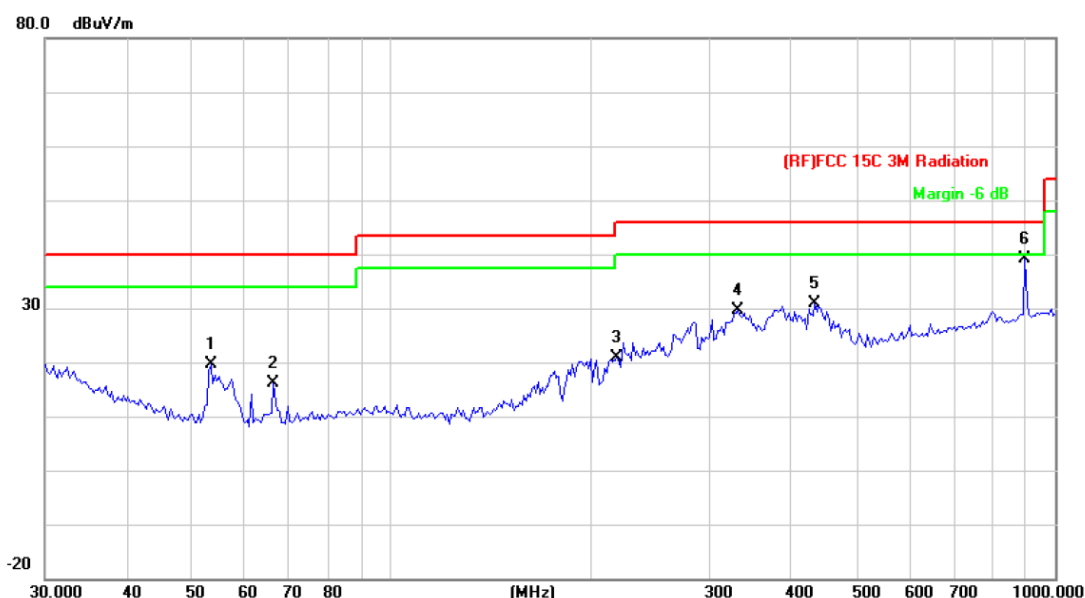
Attachment B-- Radiated Emission Test Data

From 9KHz to 30MHz: 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:	24.6 °C	Relative Humidity:	43%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		
Remark:	Only worse case is reported		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		53.3179	43.14	-23.44	19.70	40.00	-20.30	peak
2		66.2662	39.89	-23.70	16.19	40.00	-23.81	peak
3		218.3085	39.85	-18.95	20.90	46.00	-25.10	peak
4		332.5187	44.73	-15.21	29.52	46.00	-16.48	peak
5		434.0651	43.02	-12.04	30.98	46.00	-15.02	peak
6	*	900.1474	43.33	-4.24	39.09	46.00	-6.91	peak

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

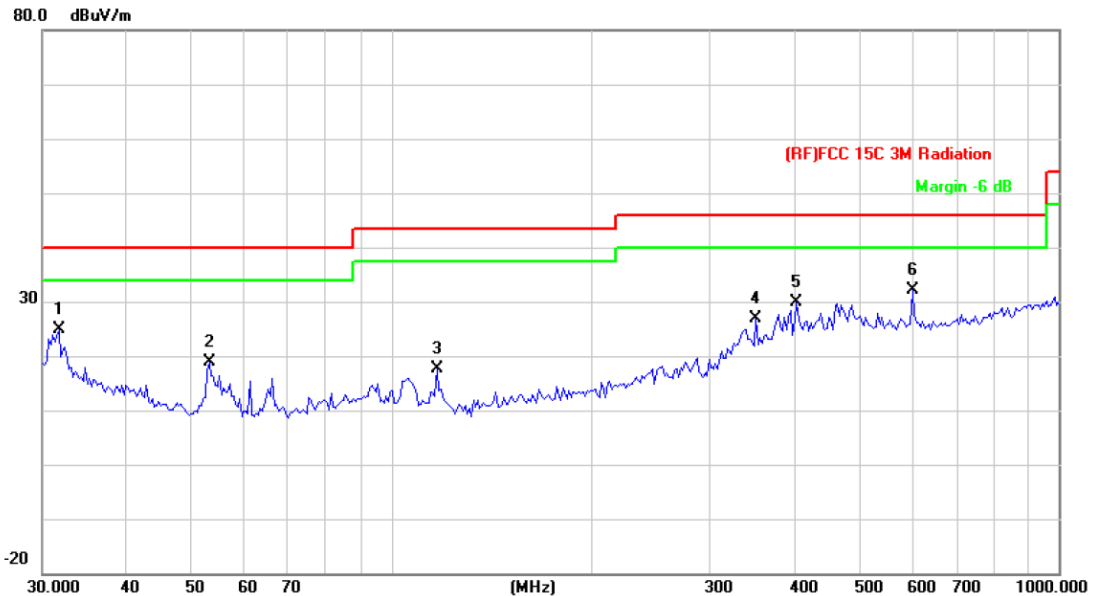
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. QuasiPeak (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = QuasiPeak (dBμV/m)-Limit QPK(dBμV/m)

Temperature:	24.6 °C	Relative Humidity:	43%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		
Remark:	Only worse case is reported.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		31.7313	39.14	-14.25	24.89	40.00	-15.11	peak
2		53.3179	42.38	-23.44	18.94	40.00	-21.06	peak
3		116.9495	39.81	-22.21	17.60	43.50	-25.90	peak
4		351.7079	41.33	-14.55	26.78	46.00	-19.22	peak
5		404.6665	42.24	-12.25	29.99	46.00	-16.01	peak
6	*	603.5392	40.41	-8.28	32.13	46.00	-13.87	peak

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

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. QuasiPeak (dBuV/m)= Corr. (dB/m)+ Read Level (dBuV)

3. Margin (dB) = QuasiPeak (dBuV/m)-Limit QPK(dBuV/m)

5180MHz-5240MHz(U-NII-1)

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1		10360.213	27.18	18.05	45.23	54.00	-8.77 AVG
2	*	10360.524	42.70	18.05	60.75	68.30	-7.55 peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
							Detector
1		10360.251	27.26	18.05	45.31	54.00	-8.69
2	*	10360.322	42.20	18.05	60.25	68.30	-8.05

peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5200MHz (U-NII-1)		

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5200MHz (U-NII-1)		

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10480.352	42.00	18.31	60.31	68.30	-7.99	peak
2		10480.541	26.95	18.31	45.26	54.00	-8.74	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5240MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10480.362	28.04	18.31	46.35	54.00	-7.65	AVG
2		10480.511	40.93	18.31	59.24	68.30	-9.06	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6°C	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5180MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10360.214	42.29	18.05	60.34	68.30	-7.96	peak
2		10360.221	27.19	18.05	45.24	54.00	-8.76	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5180MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB
							Detector
1		10360.123	27.32	18.05	45.37	54.00	-8.63
2	*	10360.541	42.27	18.05	60.32	68.30	-7.98
							peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5200MHz (U-NII-1)		

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5200MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10400.365	42.17	18.14	60.31	68.30	-7.99	peak
2		10400.421	27.73	18.14	45.87	54.00	-8.13	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5240MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10480.647	27.37	18.31	45.68	54.00	-8.32	AVG
2		10480.652	41.44	18.31	59.75	68.30	-8.55	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5240MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10480.251	42.14	18.31	60.45	68.30	-7.85	peak
2		10480.454	27.08	18.31	45.39	54.00	-8.61	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6°C	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1)		

Temperature:	23.6℃	Relative Humidity:	43%					
Test Voltage:	AC 120V/60HZ							
Ant. Pol.	Vertical							
Test Mode:	TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1)							
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10360.241	42.19	18.05	60.24	68.30	-8.06	peak
2	*	10360.321	28.28	18.05	46.33	54.00	-7.67	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT20) Mode 5200MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10400.022	42.11	18.14	60.25	68.30	-8.05	peak
2		10400.033	27.18	18.14	45.32	54.00	-8.68	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5200MHz (U-NII-1)		

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11 ac(VHT20) Mode 5240MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1		10480.315	40.93	18.31	59.24	68.30	-9.06 peak
2	*	10480.344	27.02	18.31	45.33	54.00	-8.67 AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5240MHz (U-NII-1)		

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5190MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10380.321	27.12	18.09	45.21	54.00	-8.79	AVG
2		10380.325	41.15	18.09	59.24	68.30	-9.06	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5190MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10380.325	43.26	18.09	61.35	68.30	-6.95	peak
2	*	10380.452	29.24	18.09	47.33	54.00	-6.67	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5230MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10460.435	42.04	18.27	60.31	68.30	-7.99	peak
2		10460.524	26.95	18.27	45.22	54.00	-8.78	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5230MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10460.041	41.98	18.27	60.25	68.30	-8.05	peak
2		10460.052	27.08	18.27	45.35	54.00	-8.65	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT40) Mode 5190MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	10380.124	27.15	18.09	45.24	54.00	-8.76	AVG
2		10380.324	41.23	18.09	59.32	68.30	-8.98	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mode 5190MHz (U-NII-1)		

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT40) Mode 5230MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10460.124	41.97	18.27	60.24	68.30	-8.06	peak
2	*	10460.241	27.96	18.27	46.23	54.00	-7.77	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mode 5230MHz (U-NII-1)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10460.241	40.98	18.27	59.25	68.30	-9.05	peak
2	*	10460.321	27.96	18.27	46.23	54.00	-7.77	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT80) Mode 5210MHz (U-NII-1)		

Temperature:	23.6°C	Relative Humidity:	43%					
Test Voltage:	AC 120V/60HZ							
Ant. Pol.	Vertical							
Test Mode:	TX 802.11ac(VHT80) Mode 5210MHz (U-NII-1)							
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10420.240	27.13	18.19	45.32	54.00	-8.68	AVG
2	*	10420.326	42.16	18.19	60.35	68.30	-7.95	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

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

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5745MHz (U-NII-3)		
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Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5745MHz (U-NII-3)		

Temperature:	23.6°C	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)		

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5785MHz (U-NII-3)		

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5825MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1	*	11650.254	40.48	19.76	60.24	68.30	-8.06 peak
2		11650.547	24.54	19.76	44.30	54.00	-9.70 AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5825MHz (U-NII-3)		

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5745MHz (U-NII-3)		

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5745MHz (U-NII-3)		

Temperature:	23.6℃	Relative Humidity:	43%					
Test Voltage:	AC 120V/60HZ							
Ant. Pol.	Horizontal							
Test Mode:	TX 802.11n(HT20) Mode 5785MHz (U-NII-3)							
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11570.241	26.67	19.68	46.35	54.00	-7.65	AVG
2	*	11570.244	41.87	19.68	61.55	68.30	-6.75	peak

Temperature:	23.6℃	Relative Humidity:	43%					
Test Voltage:	AC 120V/60HZ							
Ant. Pol.	Vertical							
Test Mode:	TX 802.11n(HT20) Mode 5785MHz (U-NII-3)							
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11570.235	40.57	19.68	60.25	68.30	-8.05	peak
2		11570.654	25.65	19.68	45.33	54.00	-8.67	AVG
Remark:								
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)								
2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)								
3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)								
4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.								
5. No report for the emission which more than 20dB below the prescribed limit.								

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5825MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11650.241	26.08	19.76	45.84	54.00	-8.16	AVG
2	*	11650.244	40.59	19.76	60.35	68.30	-7.95	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5825MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11650.241	25.61	19.76	45.37	54.00	-8.63	AVG
2	*	11650.244	40.49	19.76	60.25	68.30	-8.05	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT20) Mode 5745MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1		11490.123	40.75	19.60	60.35	68.30	-7.95 peak
2	*	11490.145	26.75	19.60	46.35	54.00	-7.65 AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5745MHz (U-NII-3)		

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT20) Mode 5785MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11570.235	40.65	19.68	60.33	68.30	-7.97	peak
2		11570.425	25.56	19.68	45.24	54.00	-8.76	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5785MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11570.325	40.67	19.68	60.35	68.30	-7.95	peak
2		11570.365	26.00	19.68	45.68	54.00	-8.32	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT20) Mode 5825MHz (U-NII-3)		
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Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5825MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1		11650.354	25.60	19.76	45.36	54.00	-8.64 AVG
2	*	11650.541	40.56	19.76	60.32	68.30	-7.98 peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5755MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11510.412	25.60	19.63	45.23	54.00	-8.77	AVG
2	*	11510.541	41.72	19.63	61.35	68.30	-6.95	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5755MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11510.334	40.62	19.63	60.25	68.30	-8.05	peak
2		11510.362	26.03	19.63	45.66	54.00	-8.34	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5795MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11590.341	26.64	19.69	46.33	54.00	-7.67	AVG
2		11590.365	40.66	19.69	60.35	68.30	-7.95	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5795MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1		11590.325	25.67	19.69	45.36	54.00	-8.64 AVG
2	*	11590.365	40.66	19.69	60.35	68.30	-7.95 peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT40) Mode 5755MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11510.245	26.72	19.63	46.35	54.00	-7.65	AVG
2		11510.341	40.72	19.63	60.35	68.30	-7.95	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mode 5755MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11510.365	26.72	19.63	46.35	54.00	-7.65	AVG
2		11510.652	40.70	19.63	60.33	68.30	-7.97	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT40) Mode 5795MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1		11590.241	26.29	19.69	45.98	54.00	-8.02 AVG
2	*	11590.352	40.66	19.69	60.35	68.30	-7.95 peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mode 5795MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1		11590.241	25.63	19.69	45.32	54.00	-8.68 AVG
2	*	11590.245	40.68	19.69	60.37	68.30	-7.93 peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT80) Mode 5775MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11550.241	26.99	19.66	46.65	54.00	-7.35	AVG
2		11550.352	40.58	19.66	60.24	68.30	-8.06	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Temperature:	23.6℃	Relative Humidity:	43%
Test Voltage:	AC 120V/60HZ		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT80) Mode 5775MHz (U-NII-3)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	11550.541	40.69	19.66	60.35	68.30	-7.95	peak
2		11550.562	25.71	19.66	45.37	54.00	-8.63	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

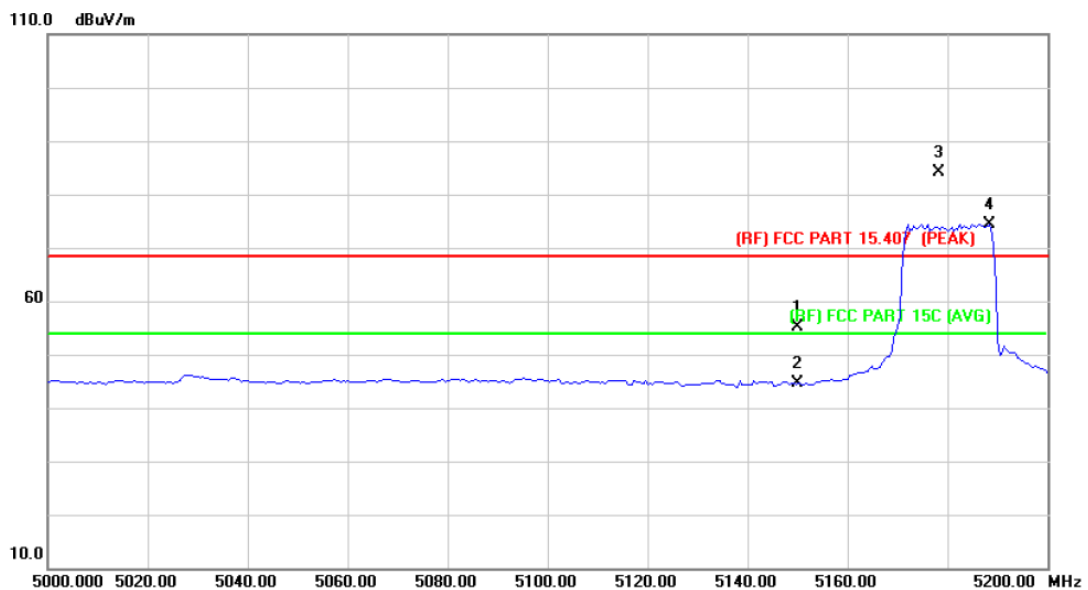
4. The tests evaluated1-40GHz,The testing has been conformed to the 10th harmonic of the highest fundamental frequency.

5. No report for the emission which more than 20dB below the prescribed limit.

Attachment C-- Restricted Bands Requirement and Band-edge Test Data

(1) Radiation Test

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180 MHz (U-NII-1)		
Remark:			

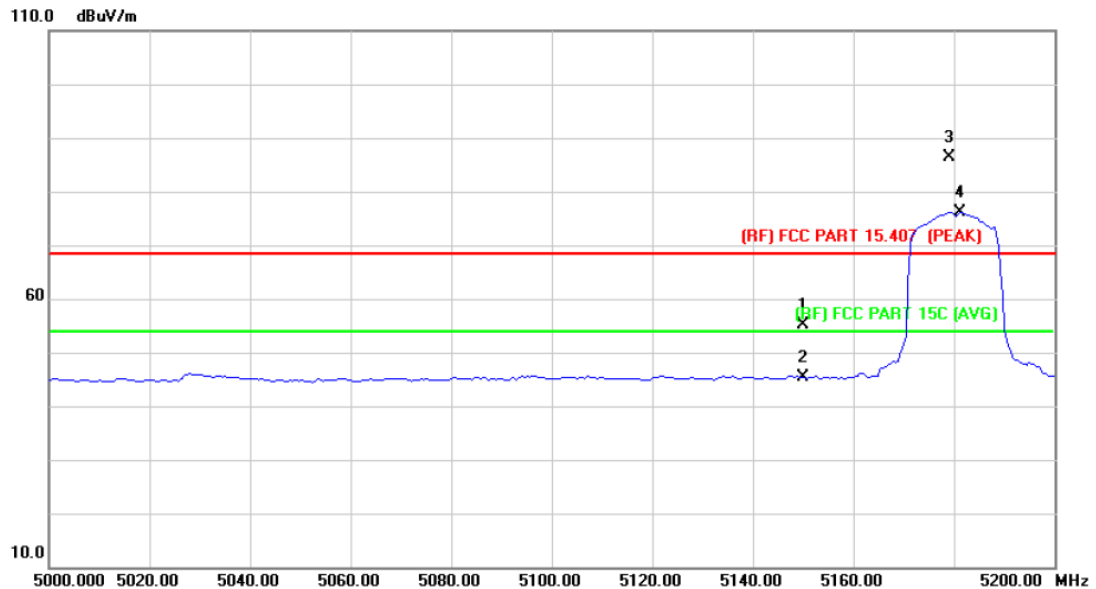


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	41.61	13.54	55.15	68.30	-13.15	peak
2		5150.000	31.00	13.54	44.54	54.00	-9.46	AVG
3	X	5178.240	70.70	13.53	84.23	Fundamental Frequency		peak
4	*	5188.400	60.96	13.51	74.47	Fundamental Frequency		AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)
3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5180 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	41.51	13.54	55.05	68.30	-13.25	peak
2		5150.000	31.73	13.54	45.27	54.00	-8.73	AVG
3	X	5179.040	72.79	13.53	86.32	Fundamental Frequency		peak
4	*	5181.200	62.69	13.53	76.22	Fundamental Frequency		AVG

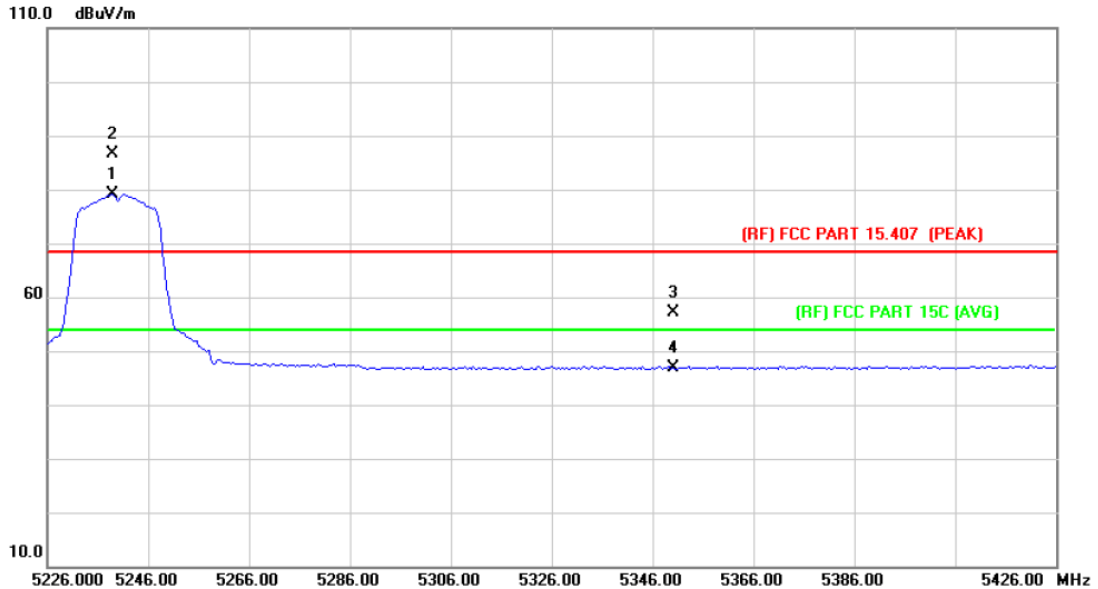
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5240 MHz (U-NII-1)		
Remark:			

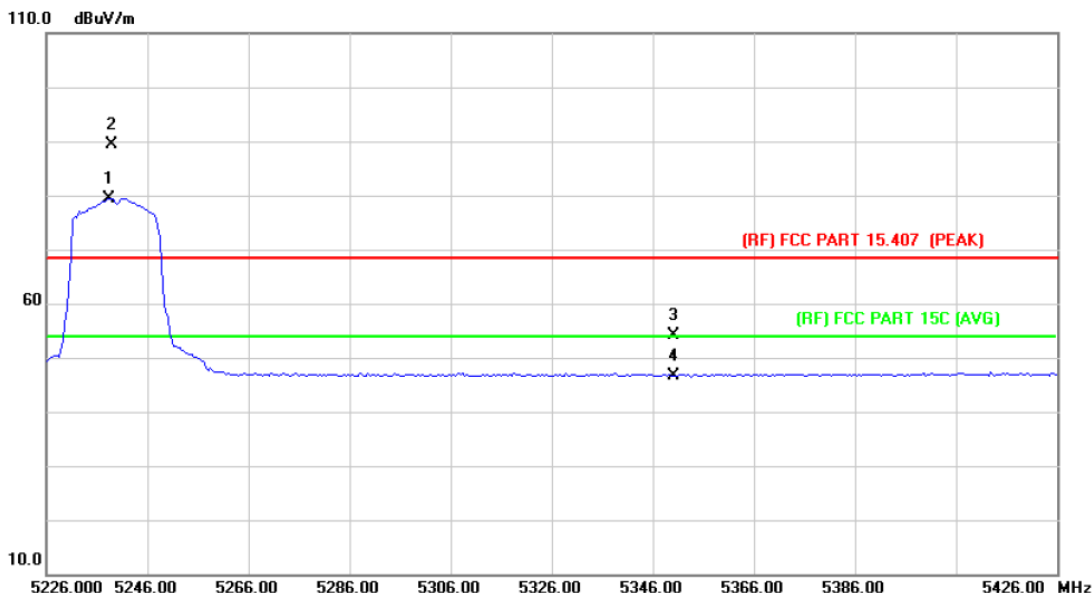


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5238.800	65.56	13.47	79.03	Fundamental Frequency		peak
2	*	5238.970	73.05	13.47	86.52			AVG
3		5350.000	43.72	13.40	57.12	68.30	-11.18	peak
4		5350.000	33.56	13.40	46.96	54.00	-7.04	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5240 MHz (U-NII-1)		
Remark:			

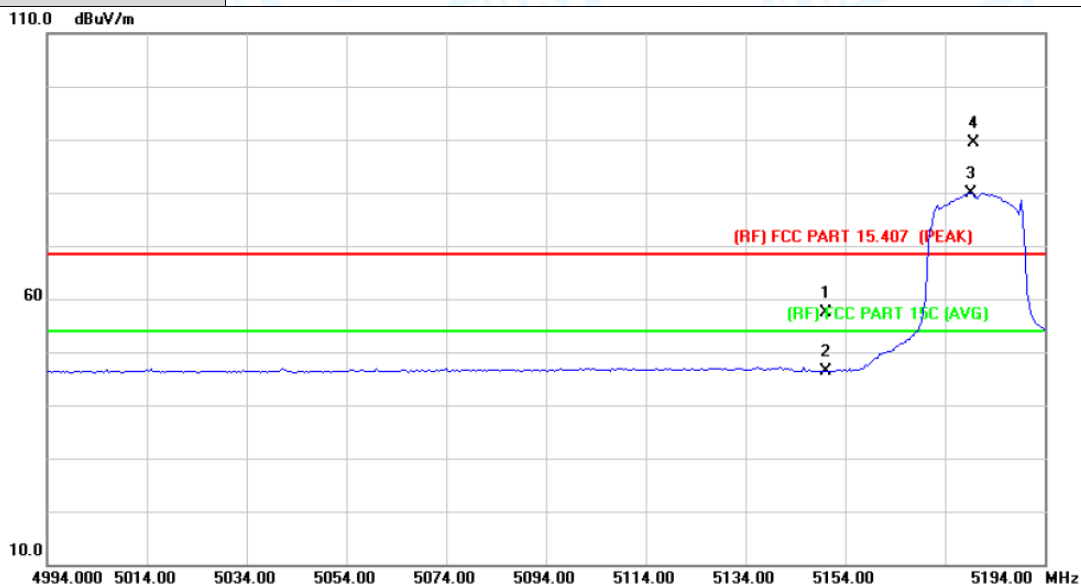


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5238.400	65.97	13.47	79.44	Fundamental Frequency		AVG
2	X	5238.970	75.85	13.47	89.32	Fundamental Frequency		peak
3		5350.000	40.81	13.40	54.21	68.30	-14.09	peak
4		5350.000	33.29	13.40	46.69	54.00	-7.31	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)
3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5180 MHz (U-NII-1)		
Remark:			

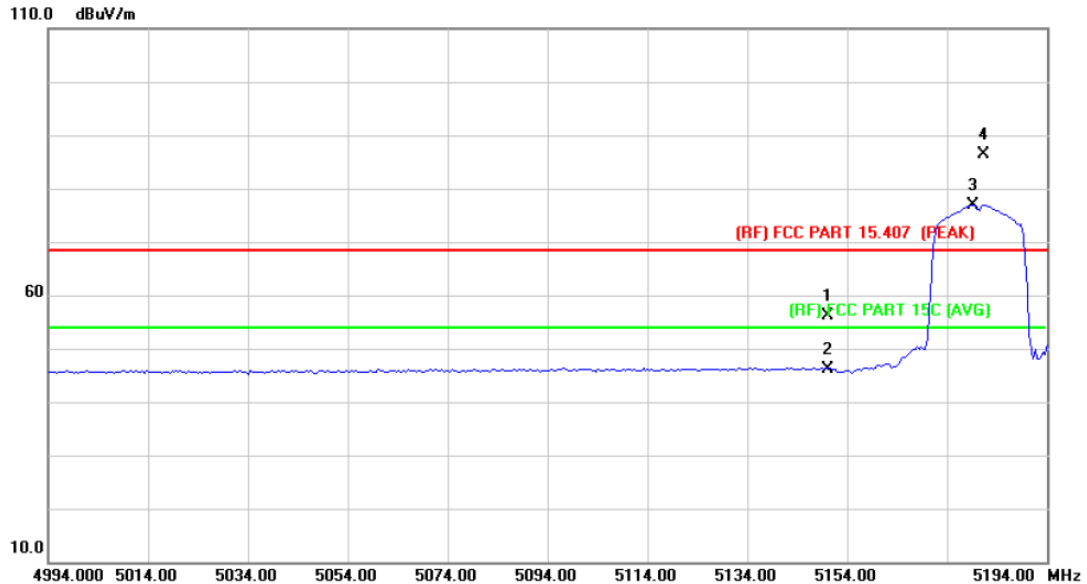


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	43.93	13.54	57.47	68.30	-10.83	peak
2		5150.000	32.88	13.54	46.42	54.00	-7.58	AVG
3	*	5179.200	66.44	13.53	79.97	Fundamental Frequency		AVG
4	X	5179.830	75.83	13.53	89.36	Fundamental Frequency		peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)
3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5180 MHz (U-NII-1)		
Remark:			

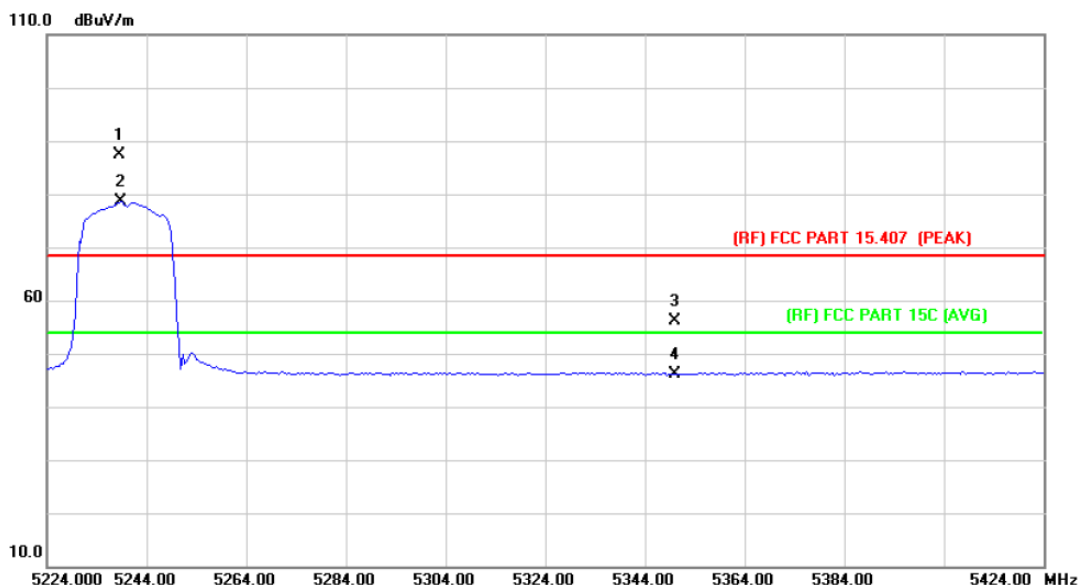


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	42.58	13.54	56.12	68.30	-12.18	peak
2		5150.000	32.56	13.54	46.10	54.00	-7.90	AVG
3	*	5179.200	63.40	13.53	76.93	Fundamental Frequency		AVG
4	X	5181.430	72.74	13.53	86.27	Fundamental Frequency		peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)
3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5240 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	X	5238.570	73.82	13.47	87.29	Fundamental Frequency		peak
2	*	5238.800	65.06	13.47	78.53	Fundamental Frequency		AVG
3		5350.000	42.72	13.40	56.12	68.30	-12.18	peak
4		5350.000	32.81	13.40	46.21	54.00	-7.79	AVG

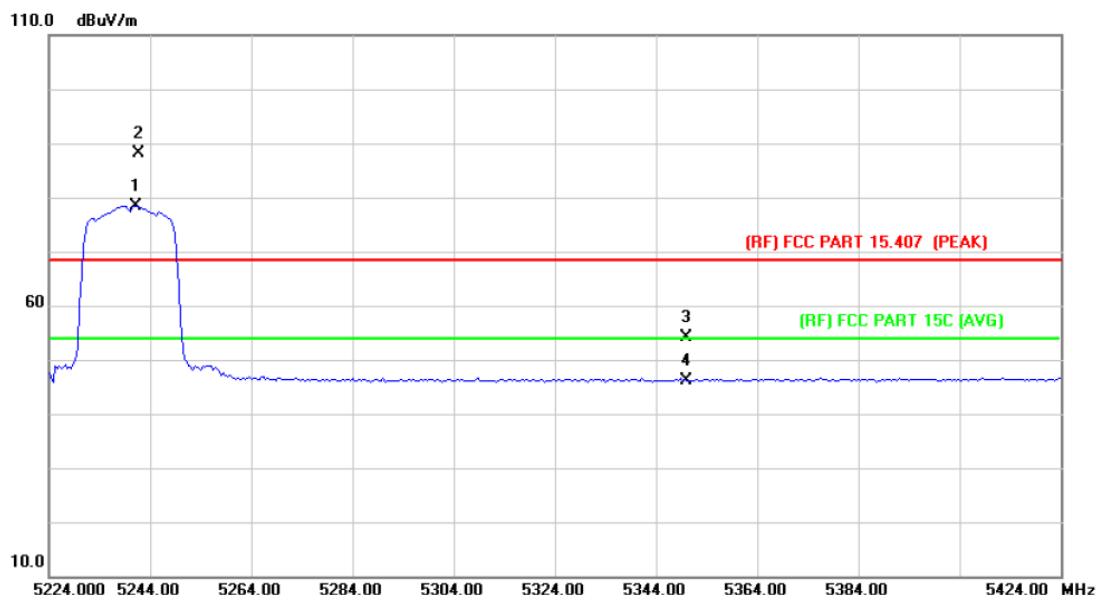
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5240 MHz (U-NII-1)		
Remark:			



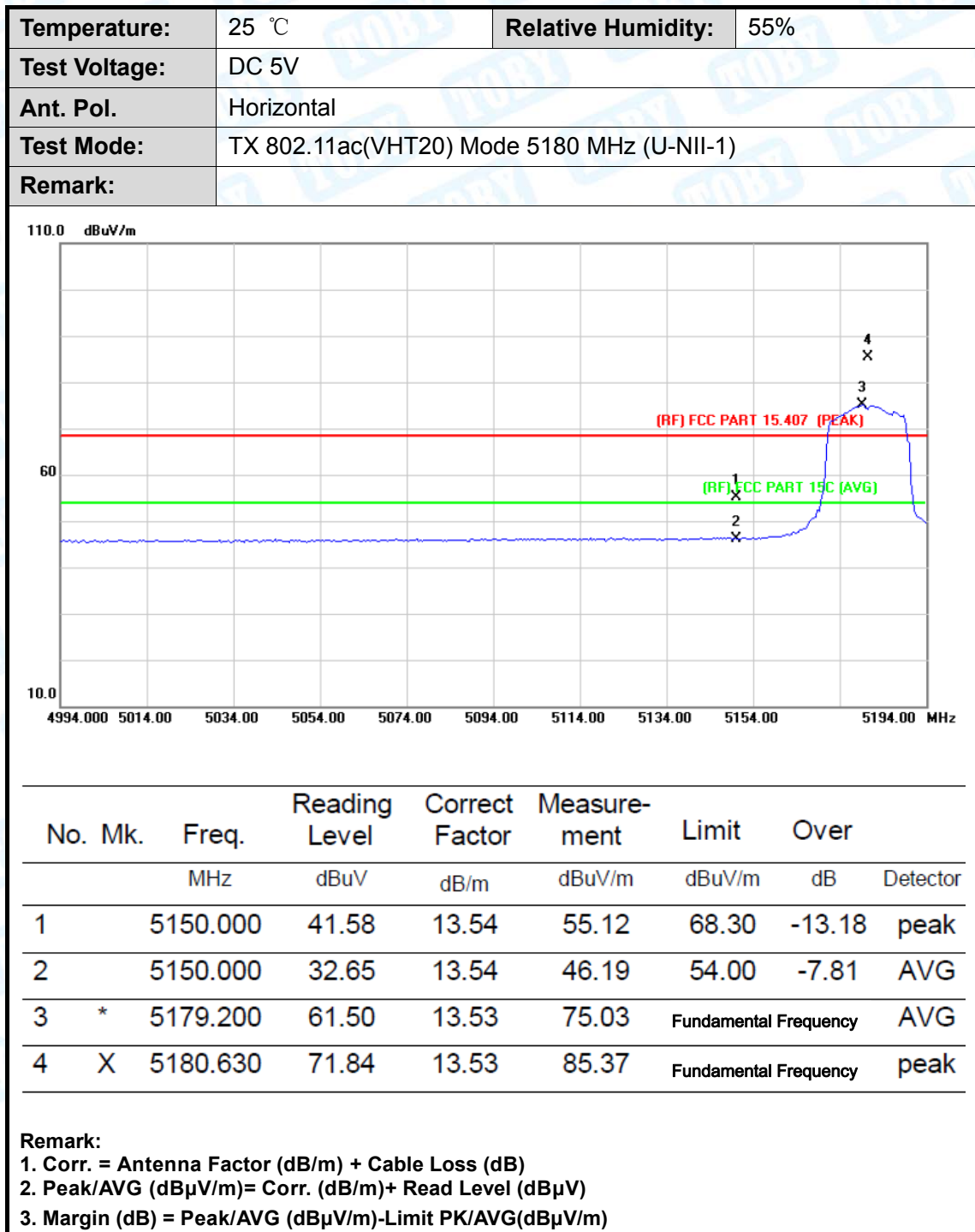
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5241.200	64.92	13.48	78.40	Fundamental Frequency		AVG
2	X	5241.760	74.70	13.48	88.18	Fundamental Frequency		peak
3		5350.000	40.72	13.40	54.12	68.30	-14.18	peak
4		5350.000	32.71	13.40	46.11	54.00	-7.89	AVG

Remark:

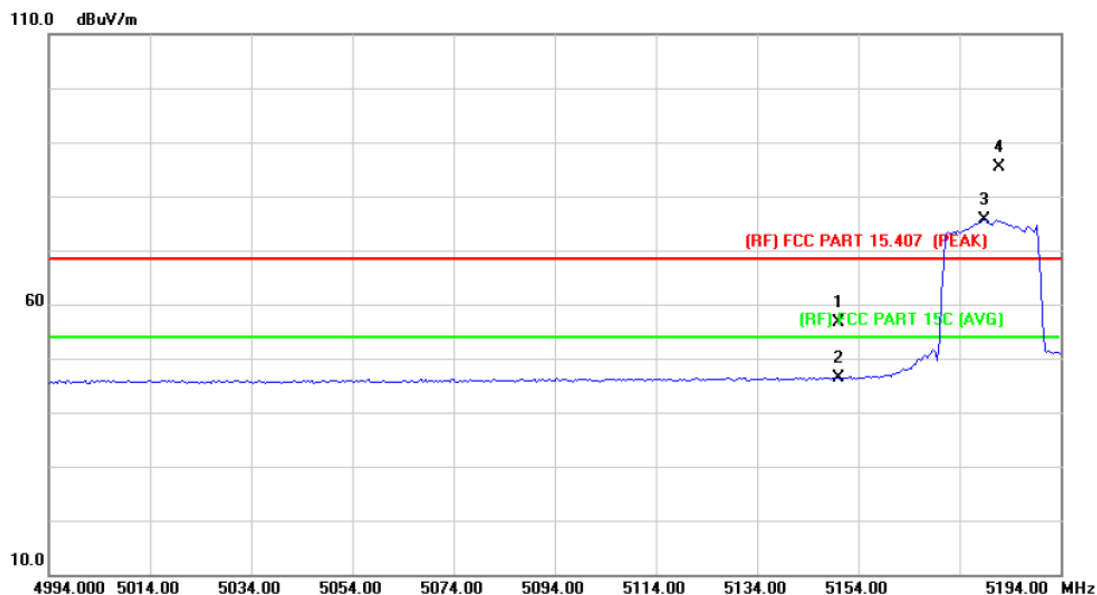
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5180 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5150.000	42.98	13.54	56.52	68.30	-11.78	peak
2		5150.000	32.76	13.54	46.30	54.00	-7.70	AVG
3	*	5178.800	62.07	13.53	75.60	Fundamental Frequency		AVG
4	X	5181.820	71.84	13.52	85.36	Fundamental Frequency		peak

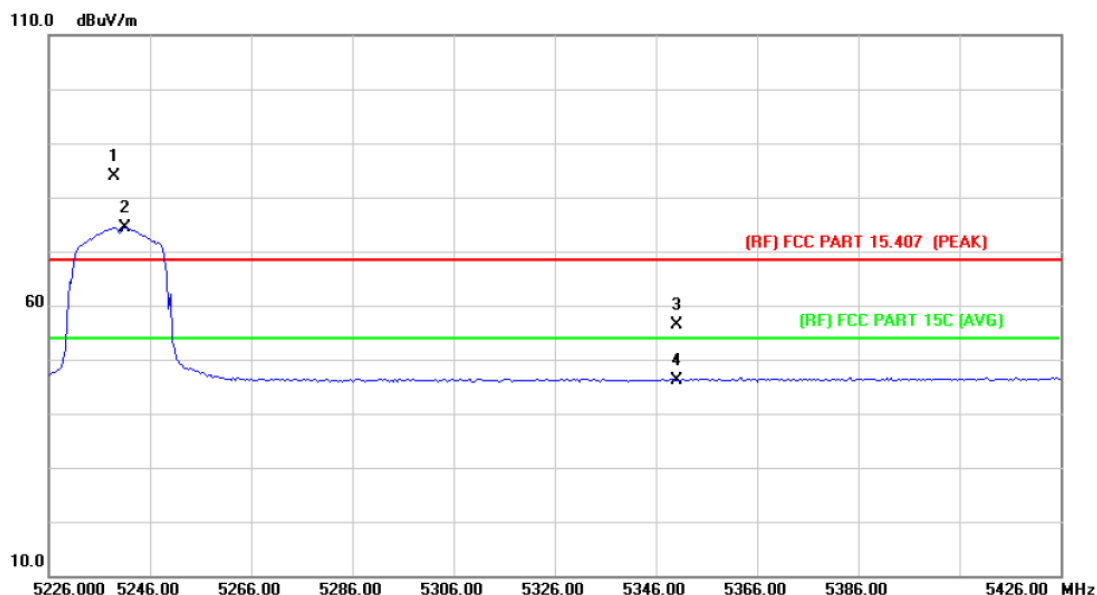
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT20) Mode 5240 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5238.970	70.49	13.47	83.96	Fundamental Frequency		peak
2	*	5241.200	60.94	13.48	74.42	Fundamental Frequency		AVG
3		5350.000	43.01	13.40	56.41	68.30	-11.89	peak
4		5350.000	32.70	13.40	46.10	54.00	-7.90	AVG

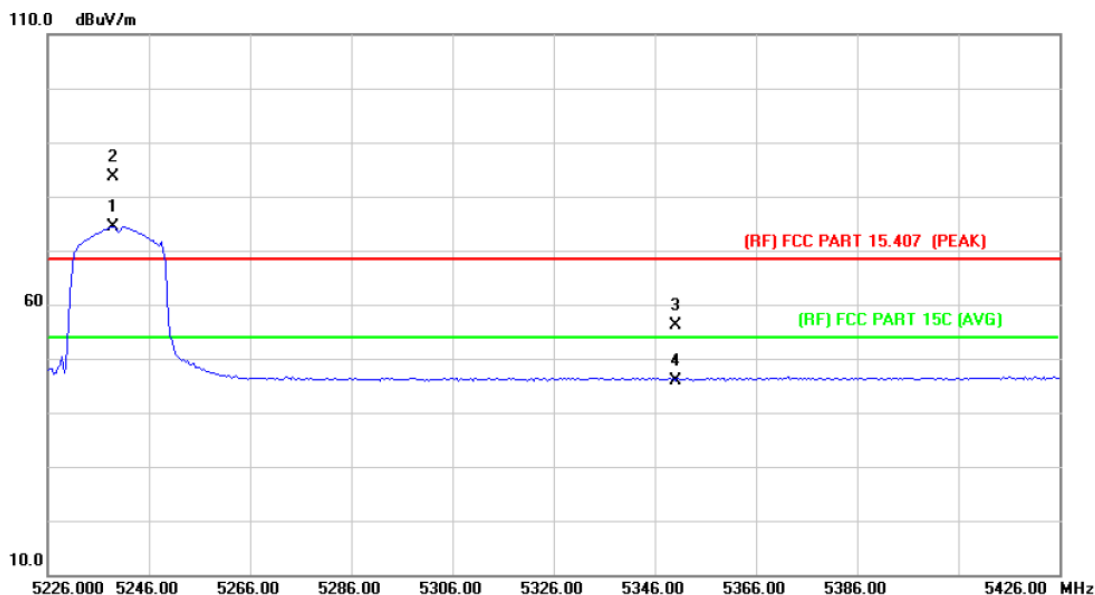
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5240 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	5238.800	60.98	13.47	74.45	Fundamental Frequency		AVG
2	X	5238.970	70.21	13.47	83.68	Fundamental Frequency		peak
3		5350.000	42.75	13.40	56.15	68.30	-12.15	peak
4		5350.000	32.58	13.40	45.98	54.00	-8.02	AVG

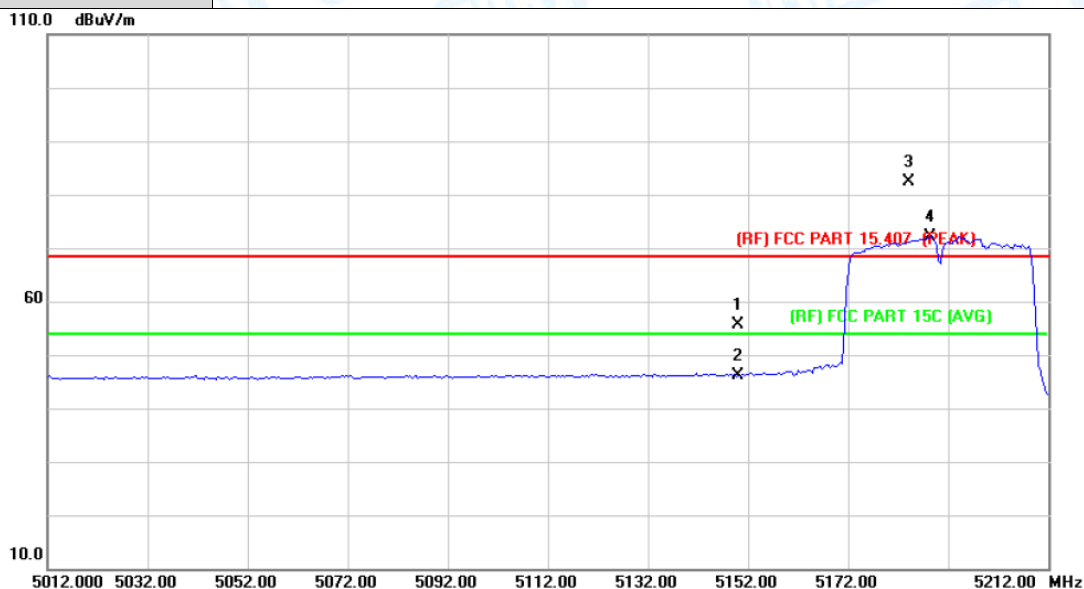
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5190 MHz (U-NII-1)		
Remark:			

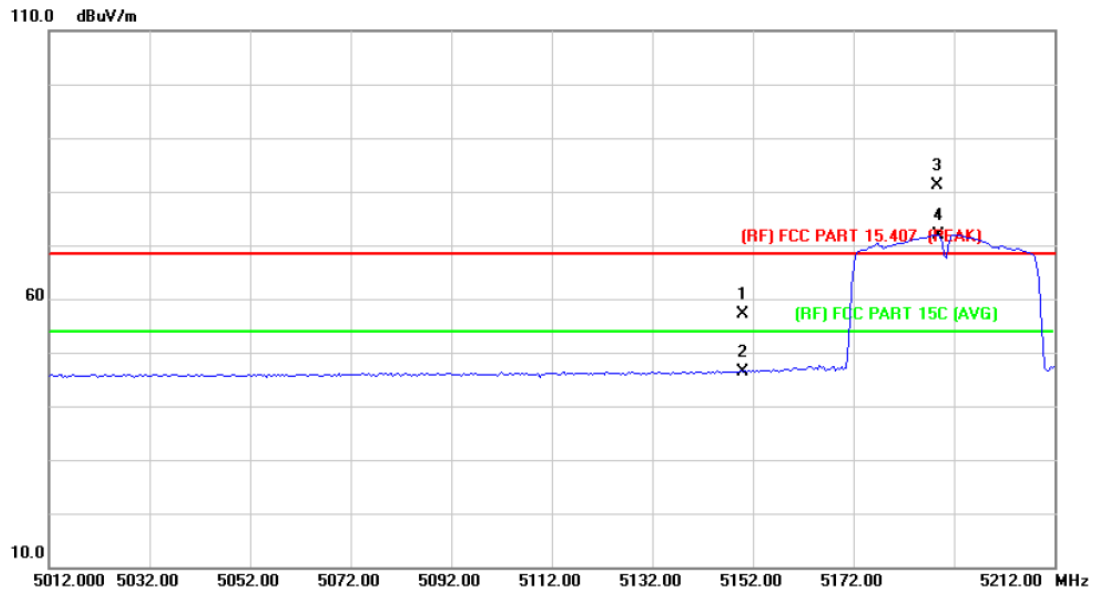


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	42.02	13.54	55.56	68.30	-12.74	peak
2		5150.000	32.68	13.54	46.22	54.00	-7.78	AVG
3	X	5184.260	68.94	13.52	82.46	Fundamental Frequency		peak
4	*	5188.400	58.60	13.51	72.11	Fundamental Frequency		AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBuV/m)= Corr. (dB/m)+ Read Level (dBuV)
3. Margin (dB) = Peak/AVG (dBuV/m)-Limit PK/AVG(dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5190 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	43.61	13.54	57.15	68.30	-11.15	peak
2		5150.000	32.87	13.54	46.41	54.00	-7.59	AVG
3	X	5188.650	67.74	13.51	81.25	Fundamental Frequency		peak
4	*	5188.800	58.45	13.51	71.96	Fundamental Frequency		AVG

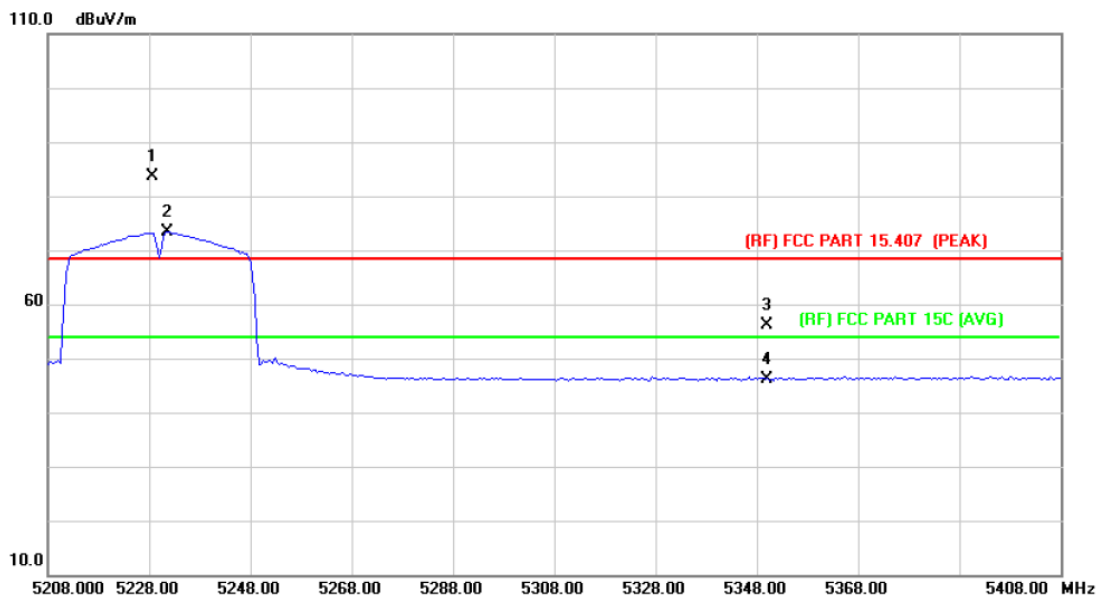
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5230 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5228.560	70.16	13.49	83.65	Fundamental Frequency		peak
2	*	5231.600	59.83	13.48	73.31	Fundamental Frequency		AVG
3		5350.000	42.85	13.40	56.25	68.30	-12.05	peak
4		5350.000	32.85	13.40	46.25	54.00	-7.75	AVG

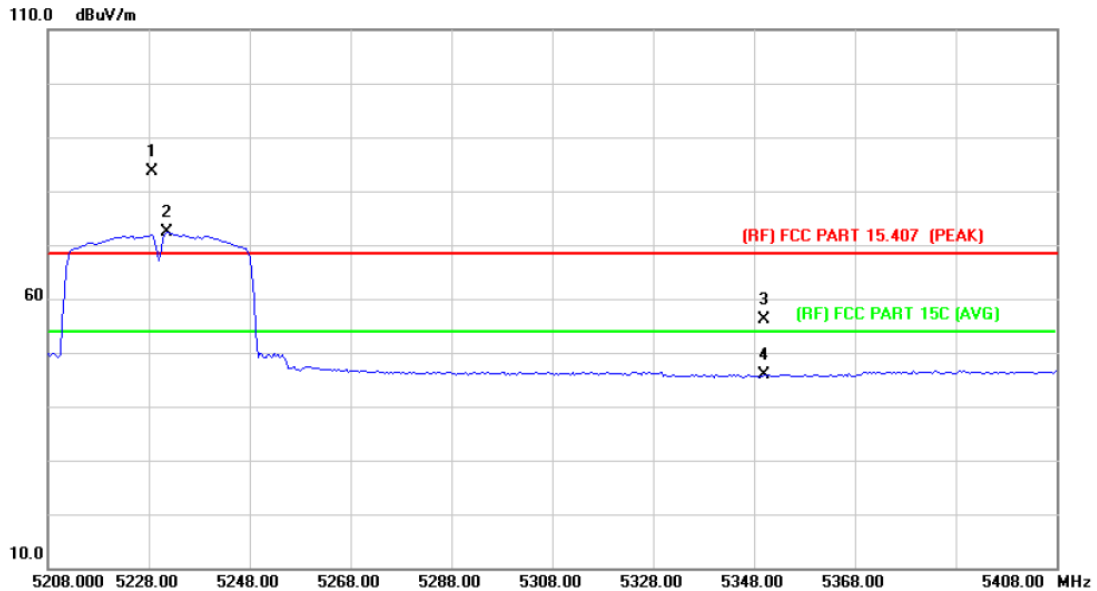
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5230 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5228.560	70.07	13.49	83.56	Fundamental Frequency		peak
2	*	5231.600	58.80	13.48	72.28	Fundamental Frequency		AVG
3		5350.000	42.61	13.40	56.01	68.30	-12.29	peak
4		5350.000	32.49	13.40	45.89	54.00	-8.11	AVG

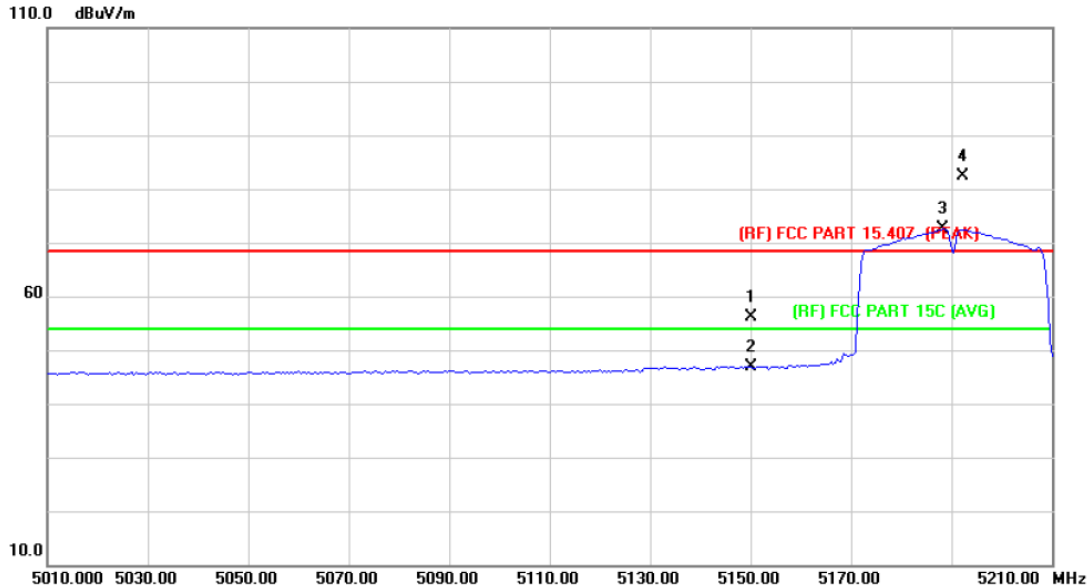
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m) = Corr. (dB/m) + Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m) - Limit PK/AVG (dBμV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT40) Mode 5190 MHz (U-NII-1)		
Remark:			

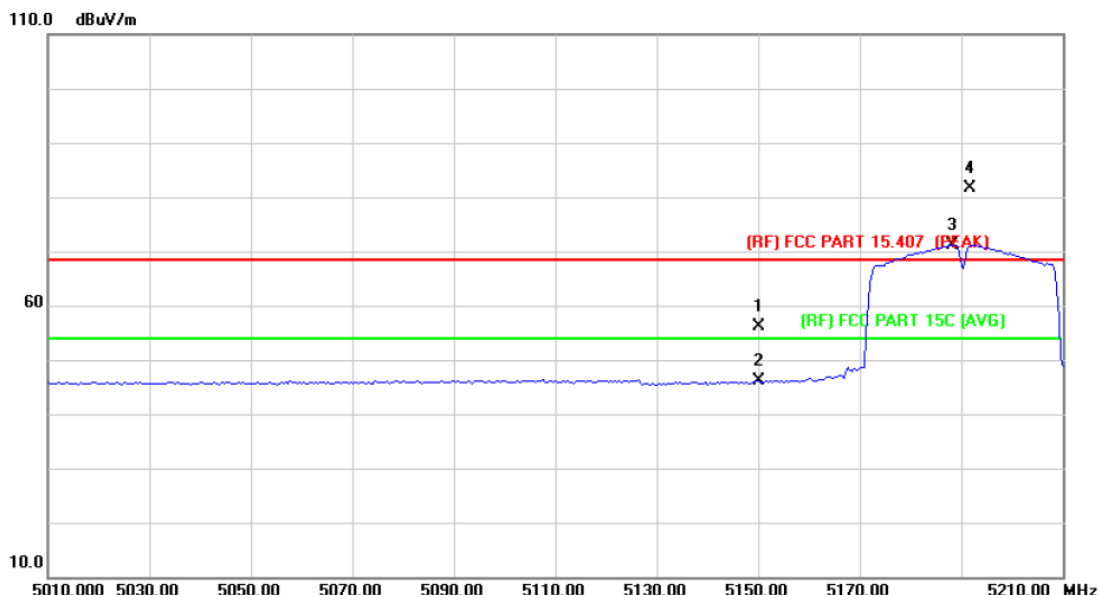


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	42.47	13.54	56.01	68.30	-12.29	peak
2		5150.000	33.33	13.54	46.87	54.00	-7.13	AVG
3	*	5188.400	59.09	13.51	72.60	Fundamental Frequency		AVG
4	X	5192.240	68.88	13.51	82.39	Fundamental Frequency		peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)
3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mode 5190 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1		5150.000	42.61	13.54	56.15	68.30	-12.15 peak
2		5150.000	32.59	13.54	46.13	54.00	-7.87 AVG
3	*	5188.400	57.72	13.51	71.23	Fundamental Frequency	AVG
4	X	5191.840	68.02	13.51	81.53	Fundamental Frequency	peak

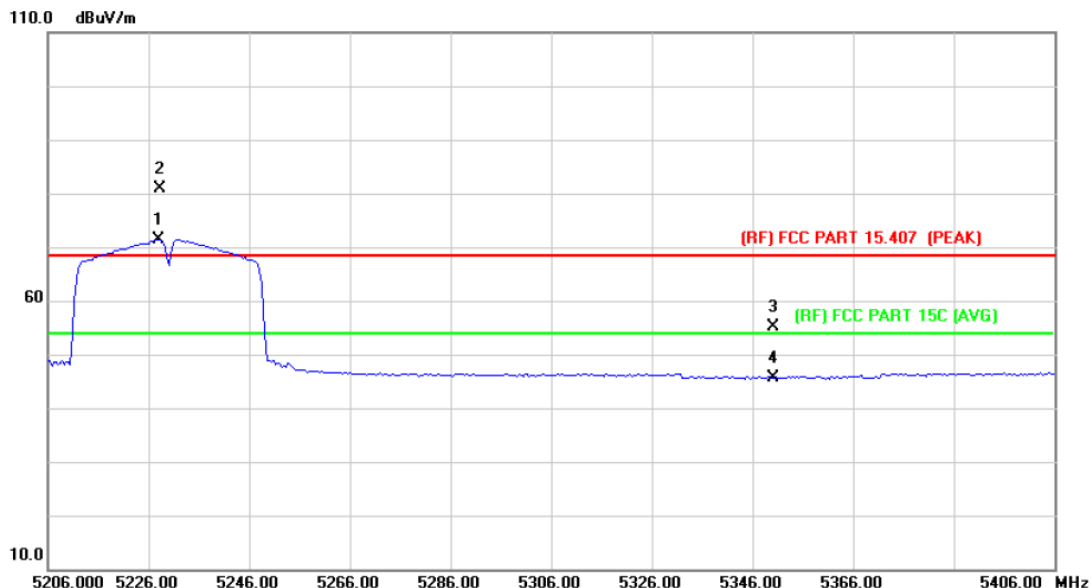
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT40) Mode 5230 MHz (U-NII-1)		
Remark:			

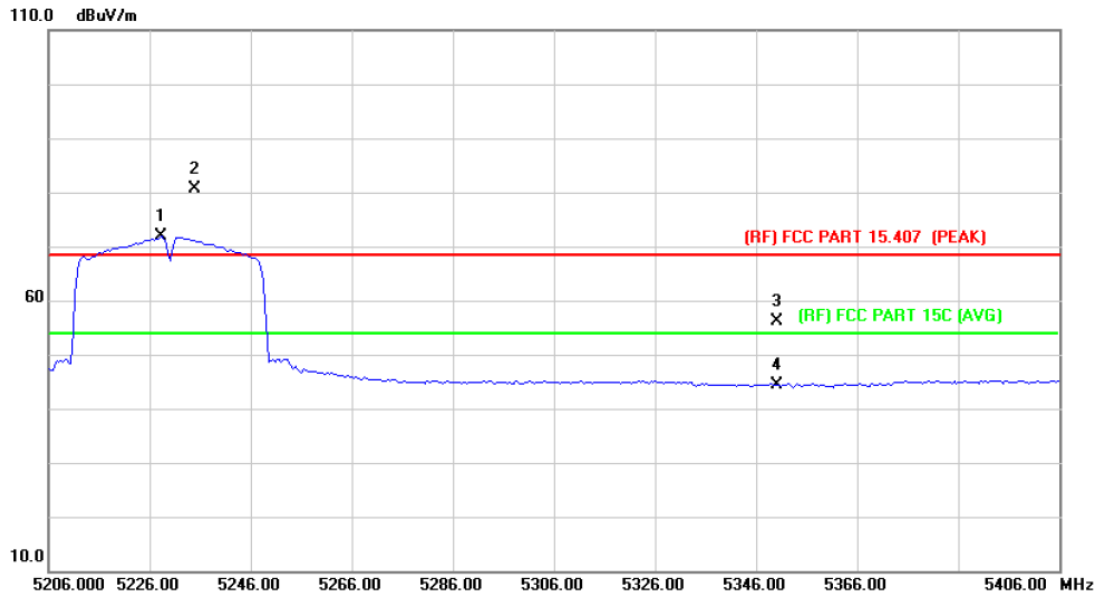


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5228.000	57.82	13.49	71.31	Fundamental Frequency		AVG
2	X	5228.160	67.36	13.49	80.85	Fundamental Frequency		peak
3		5350.000	41.85	13.40	55.25	68.30	-13.05	peak
4		5350.000	32.27	13.40	45.67	54.00	-8.33	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBuV/m)= Corr. (dB/m)+ Read Level (dBuV)
3. Margin (dB) = Peak/AVG (dBuV/m)-Limit PK/AVG(dBuV/m)

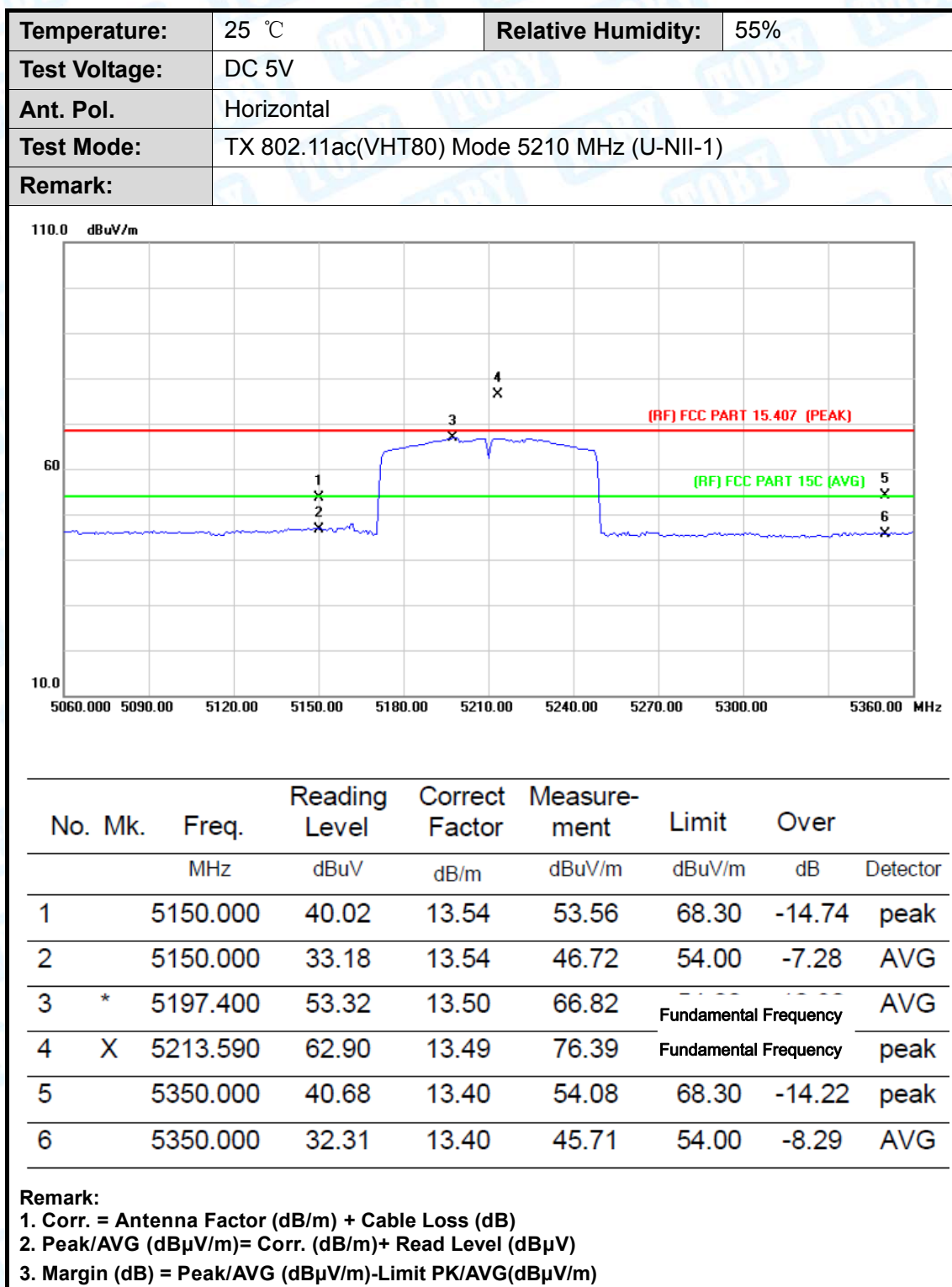
Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mode 5230 MHz (U-NII-1)		
Remark:			



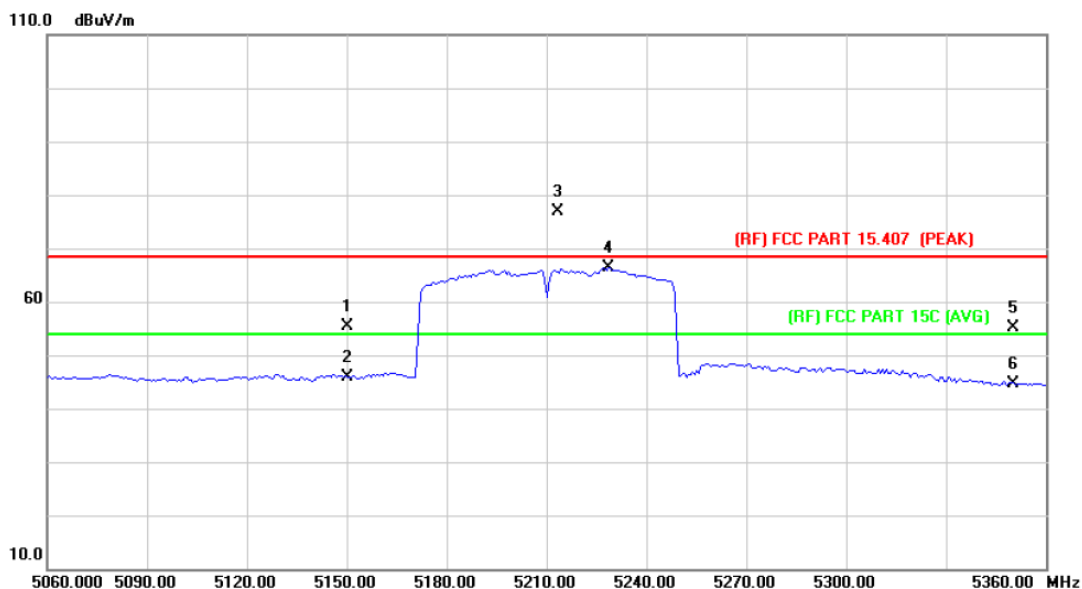
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5228.400	58.29	13.49	71.78	Fundamental Frequency		AVG
2	X	5234.940	67.21	13.48	80.69	Fundamental Frequency		peak
3		5350.000	42.61	13.40	56.01	68.30	-12.29	peak
4		5350.000	31.09	13.40	44.49	54.00	-9.51	AVG

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBuV/m)= Corr. (dB/m)+ Read Level (dBuV)
3. Margin (dB) = Peak/AVG (dBuV/m)-Limit PK/AVG(dBuV/m)



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT80) Mode 5210 MHz (U-NII-1)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB Detector
1		5150.000	41.82	13.54	55.36	68.30	-12.94 peak
2		5150.000	32.39	13.54	45.93	54.00	-8.07 AVG
3	X	5213.590	63.40	13.49	76.89	Fundamental Frequency	peak
4	*	5228.600	52.81	13.49	66.30	Fundamental Frequency	AVG
5		5350.000	41.83	13.40	55.23	68.30	-13.07 peak
6		5350.000	31.21	13.40	44.61	54.00	-9.39 AVG

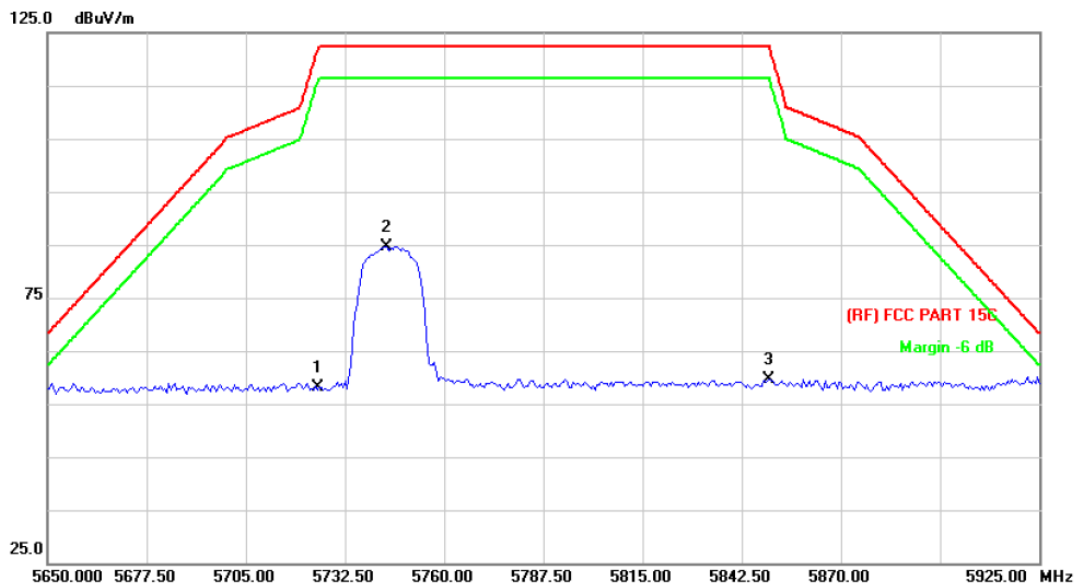
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m)= Corr. (dB/m)+ Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m)-Limit PK/AVG(dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5745 MHz (U-NII-3)		
Remark:			

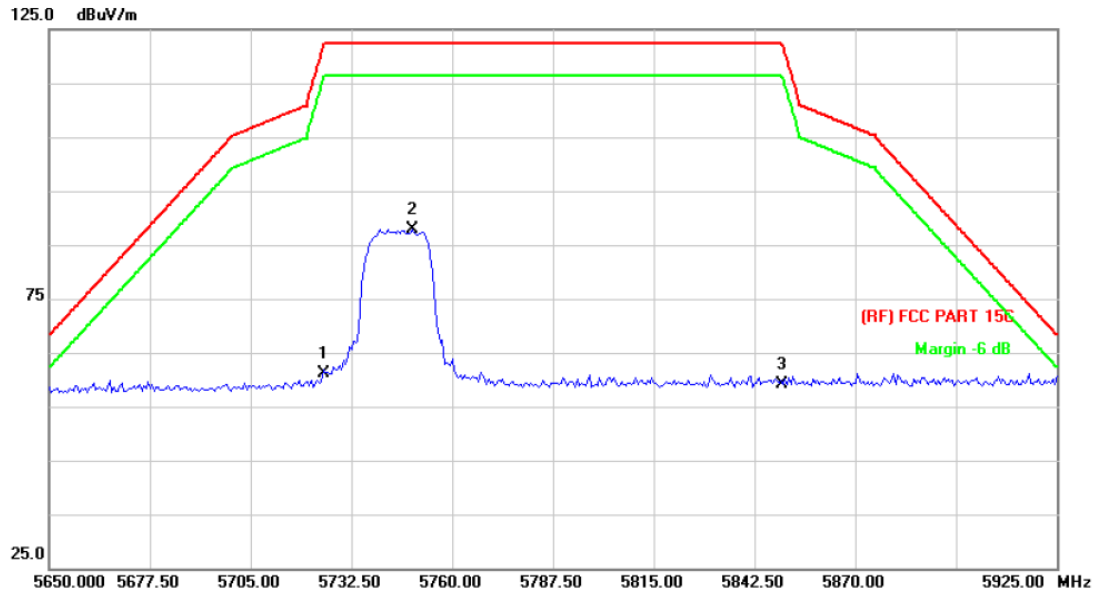


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	44.31	13.89	58.20	122.30	-64.10	peak
2	*	5744.050	70.62	13.95	84.57	122.30	-37.73	peak
3		5850.000	45.32	14.23	59.55	122.30	-62.75	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)
3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5745 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	47.14	13.89	61.03	122.30	-61.27	peak
2	*	5749.000	73.99	13.96	87.95	122.30	-34.35	peak
3		5850.000	44.89	14.23	59.12	122.30	-63.18	peak

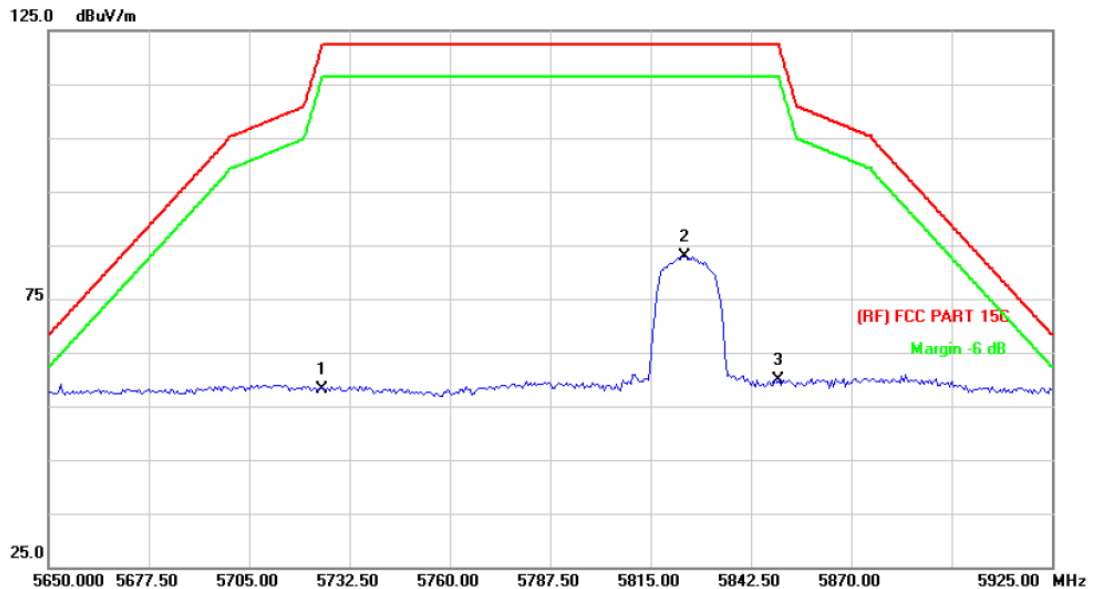
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5825 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	44.28	13.89	58.17	122.30	-64.13	peak
2	*	5824.350	68.78	14.16	82.94	122.30	-39.36	peak
3		5850.000	45.59	14.23	59.82	122.30	-62.48	peak

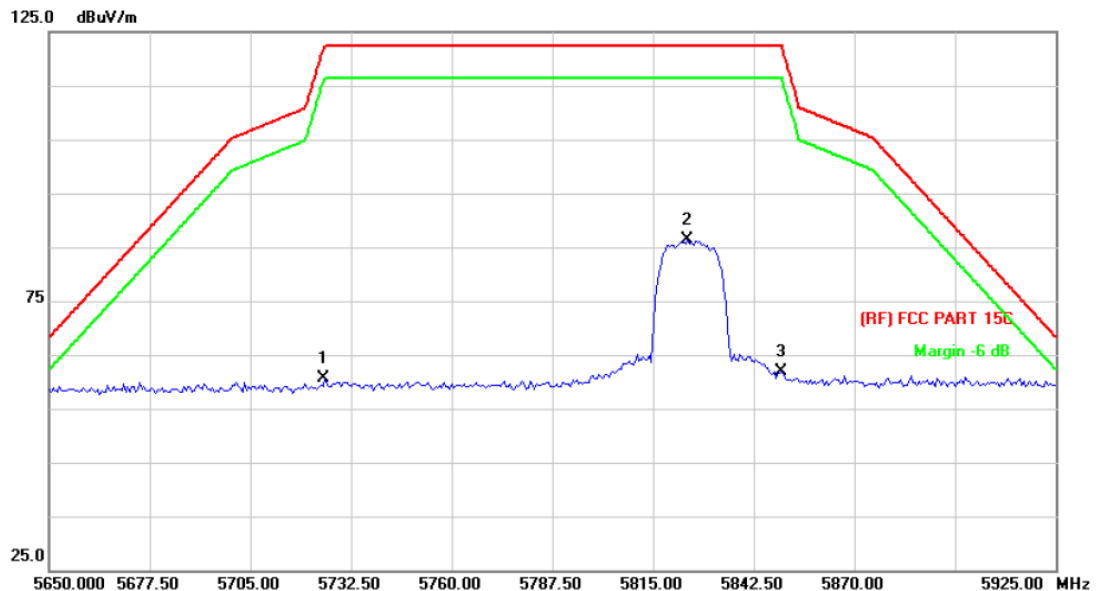
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5825 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	46.85	13.89	60.74	122.30	-61.56	peak
2	*	5824.350	72.14	14.16	86.30	122.30	-36.00	peak
3		5850.000	47.71	14.23	61.94	122.30	-60.36	peak

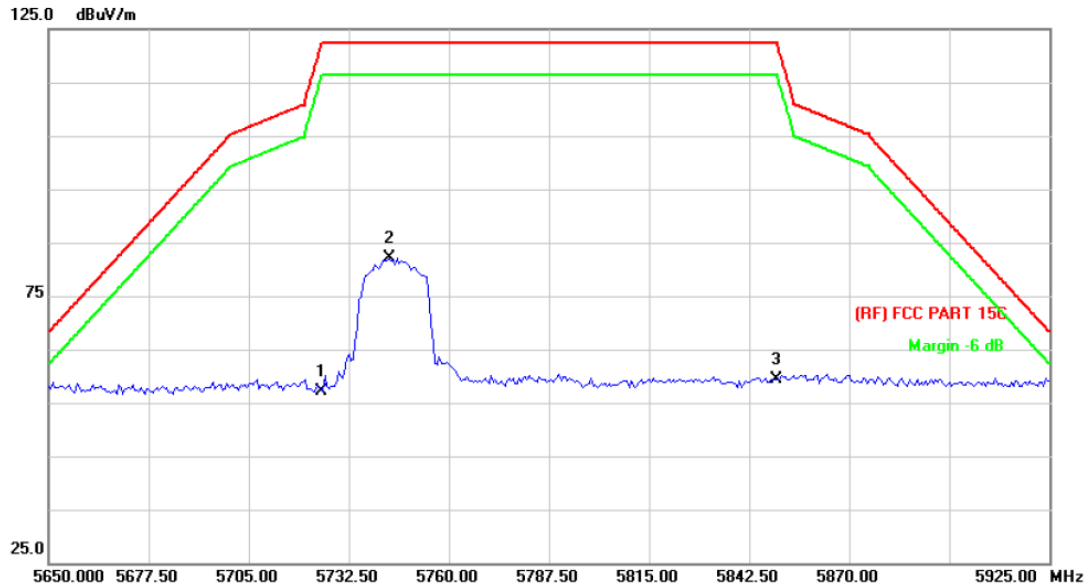
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5745 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	43.36	13.89	57.25	122.30	-65.05	peak
2	*	5743.500	68.08	13.95	82.03	122.30	-40.27	peak
3		5850.000	45.19	14.23	59.42	122.30	-62.88	peak

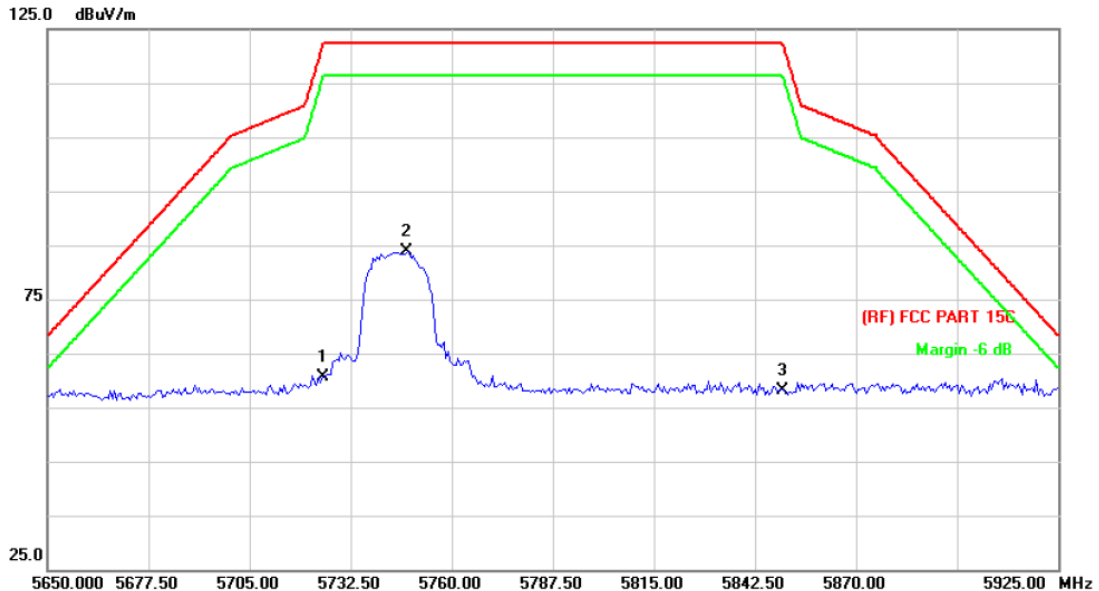
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5745 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	46.67	13.89	60.56	122.30	-61.74	peak
2	*	5747.900	69.88	13.96	83.84	122.30	-38.46	peak
3		5850.000	43.79	14.23	58.02	122.30	-64.28	peak

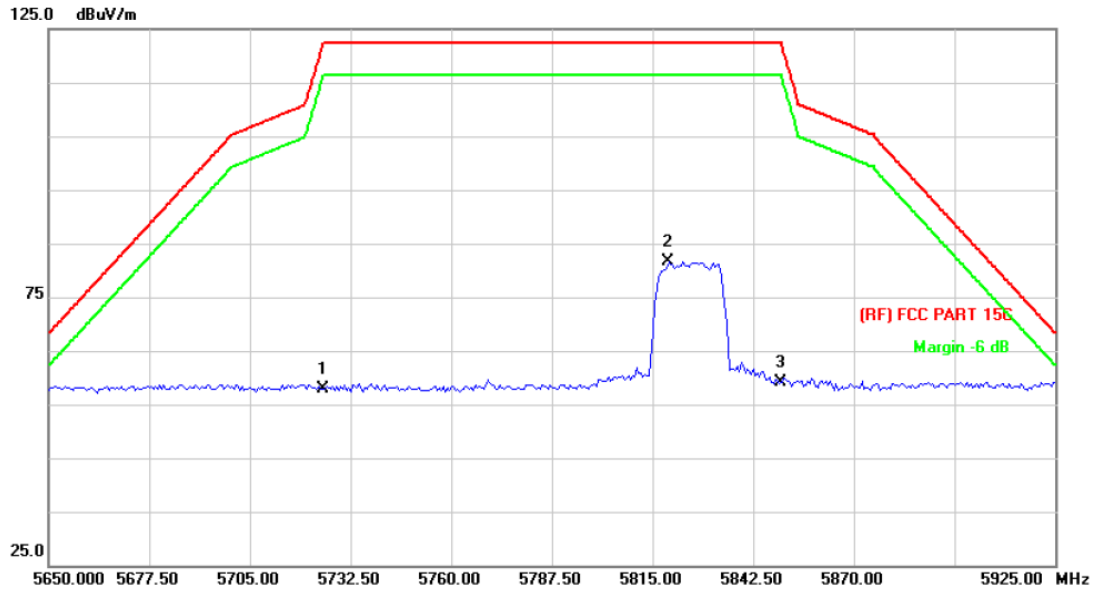
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5825 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	44.02	13.89	57.91	122.30	-64.39	peak
2	*	5819.400	67.48	14.14	81.62	122.30	-40.68	peak
3		5850.000	44.85	14.23	59.08	122.30	-63.22	peak

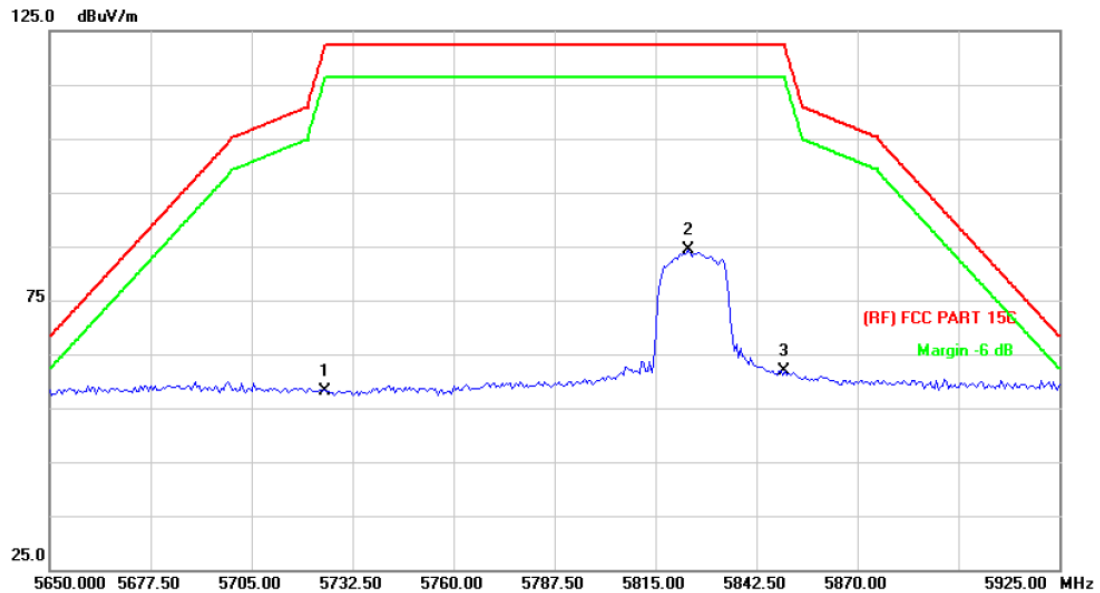
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5825 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	44.23	13.89	58.12	122.30	-64.18	peak
2	*	5823.800	70.18	14.16	84.34	122.30	-37.96	peak
3		5850.000	47.69	14.23	61.92	122.30	-60.38	peak

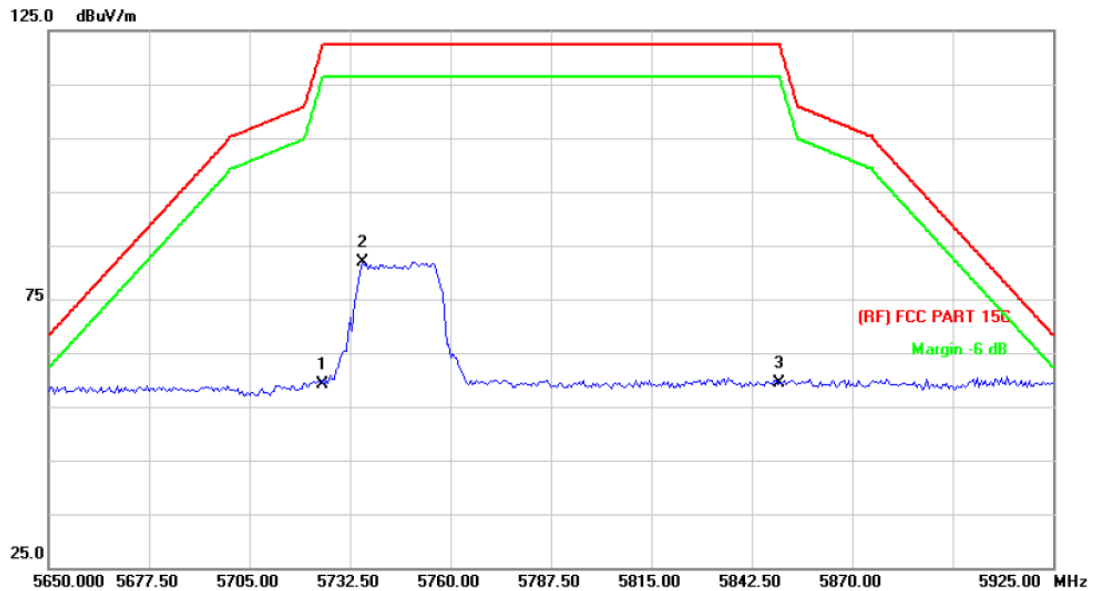
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT20) Mode 5745 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	45.25	13.89	59.14	122.30	-63.16	peak
2	*	5735.800	68.08	13.91	81.99	122.30	-40.31	peak
3		5850.000	45.13	14.23	59.36	122.30	-62.94	peak

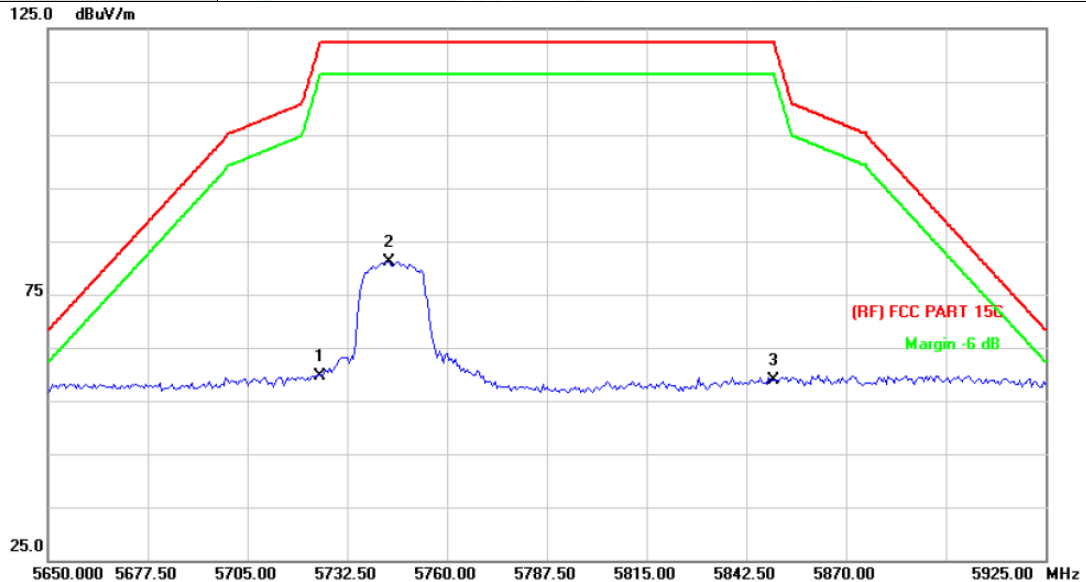
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5745 MHz (U-NII-3)		
Remark:			

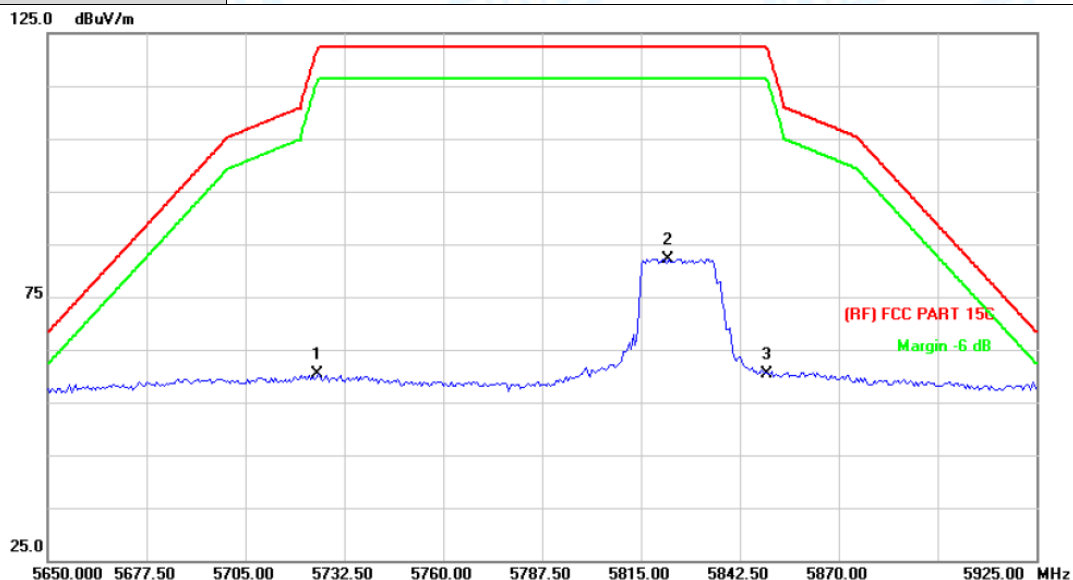


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	45.63	13.89	59.52	122.30	-62.78	peak
2	*	5744.050	67.07	13.95	81.02	122.30	-41.28	peak
3		5850.000	44.75	14.23	58.98	122.30	-63.32	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBuV/m)= Corr. (dB/m)+ Read Level (dBuV)
3. Margin (dB) = Peak/AVG (dBuV/m)-Limit PK/AVG(dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT20) Mode 5825 MHz (U-NII-3)		
Remark:			

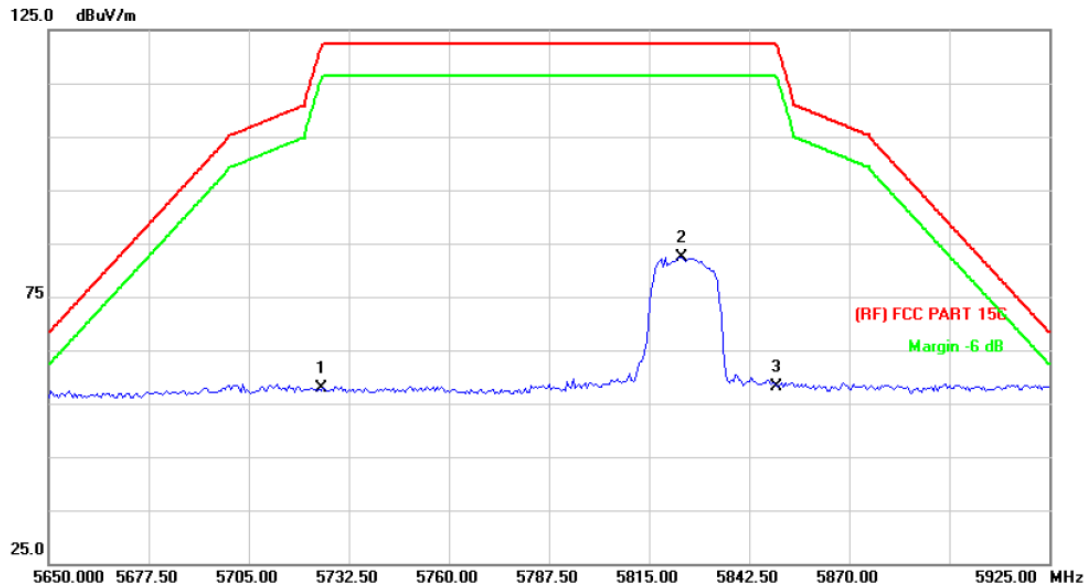


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	46.50	13.89	60.39	122.30	-61.91	peak
2	*	5822.700	68.10	14.15	82.25	122.30	-40.05	peak
3		5850.000	46.07	14.23	60.30	122.30	-62.00	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)
2. Peak/AVG (dBuV/m)= Corr. (dB/m)+ Read Level (dBuV)
3. Margin (dB) = Peak/AVG (dBuV/m)-Limit PK/AVG(dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5825 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	44.02	13.89	57.91	122.30	-64.39	peak
2	*	5823.800	68.20	14.16	82.36	122.30	-39.94	peak
3		5850.000	43.89	14.23	58.12	122.30	-64.18	peak

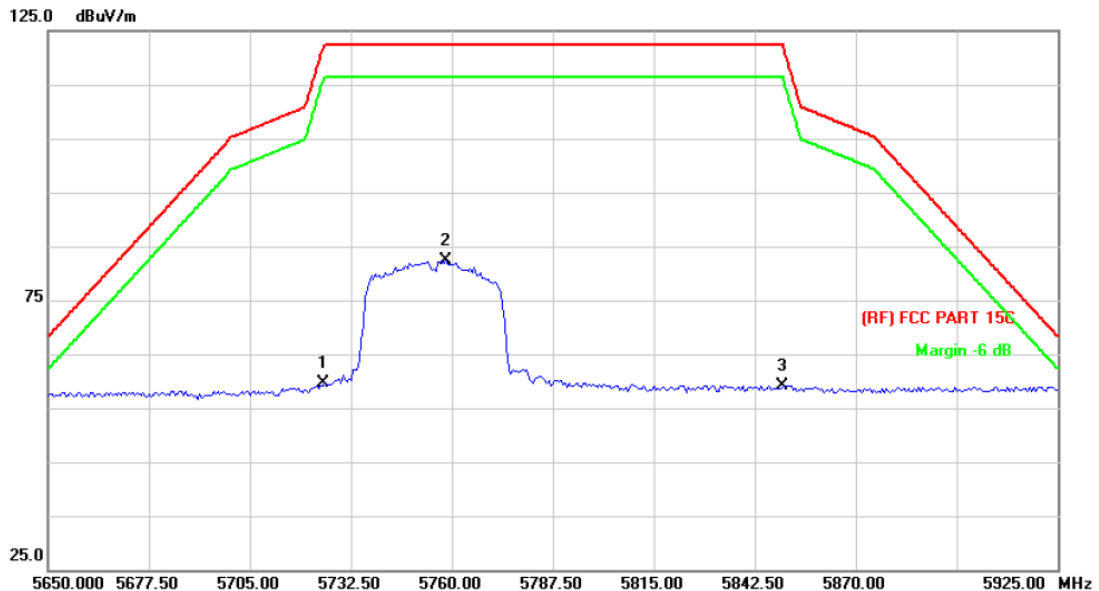
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5755 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	45.79	13.89	59.68	122.30	-62.62	peak
2	*	5758.350	68.52	13.97	82.49	122.30	-39.81	peak
3		5850.000	44.96	14.23	59.19	122.30	-63.11	peak

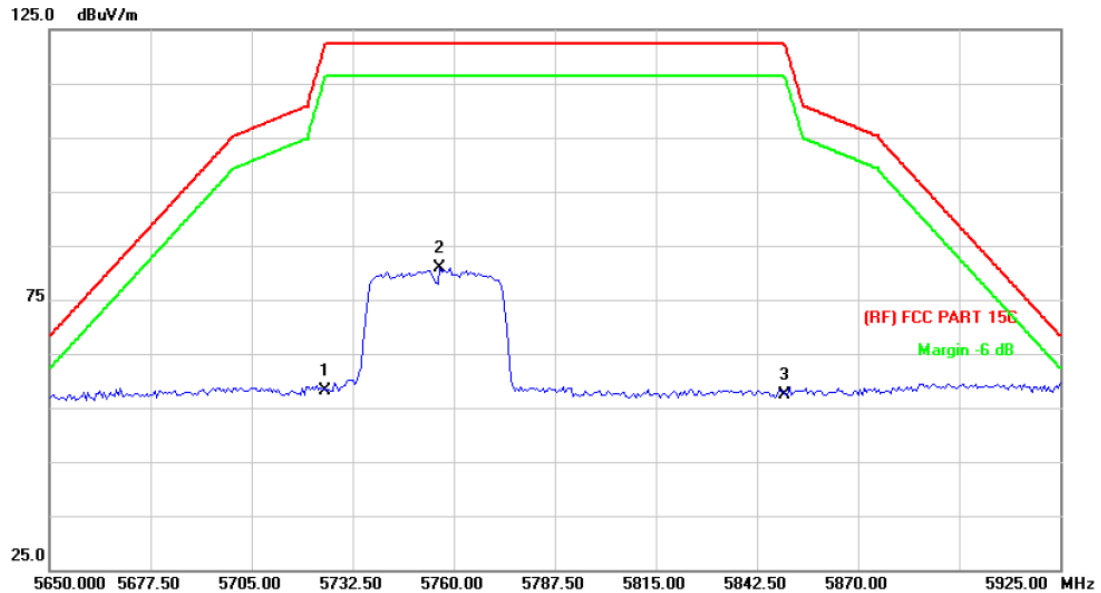
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m)= Corr. (dB/m)+ Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m)-Limit PK/AVG(dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5755 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	44.28	13.89	58.17	122.30	-64.13	peak
2	*	5756.150	67.02	13.97	80.99	122.30	-41.31	peak
3		5850.000	43.17	14.23	57.40	122.30	-64.90	peak

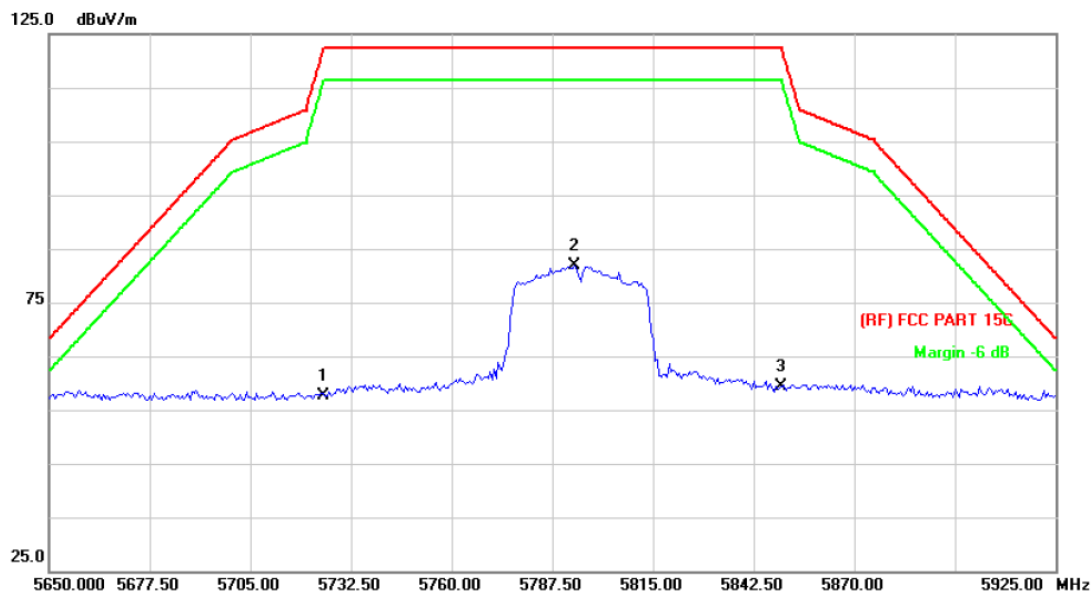
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBμV/m)= Corr. (dB/m)+ Read Level (dBμV)

3. Margin (dB) = Peak/AVG (dBμV/m)-Limit PK/AVG(dBμV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5795 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		5725.000	43.84	13.89	57.73	122.30	-64.57	peak
2	*	5793.550	67.85	14.08	81.93	122.30	-40.37	peak
3		5850.000	45.23	14.23	59.46	122.30	-62.84	peak

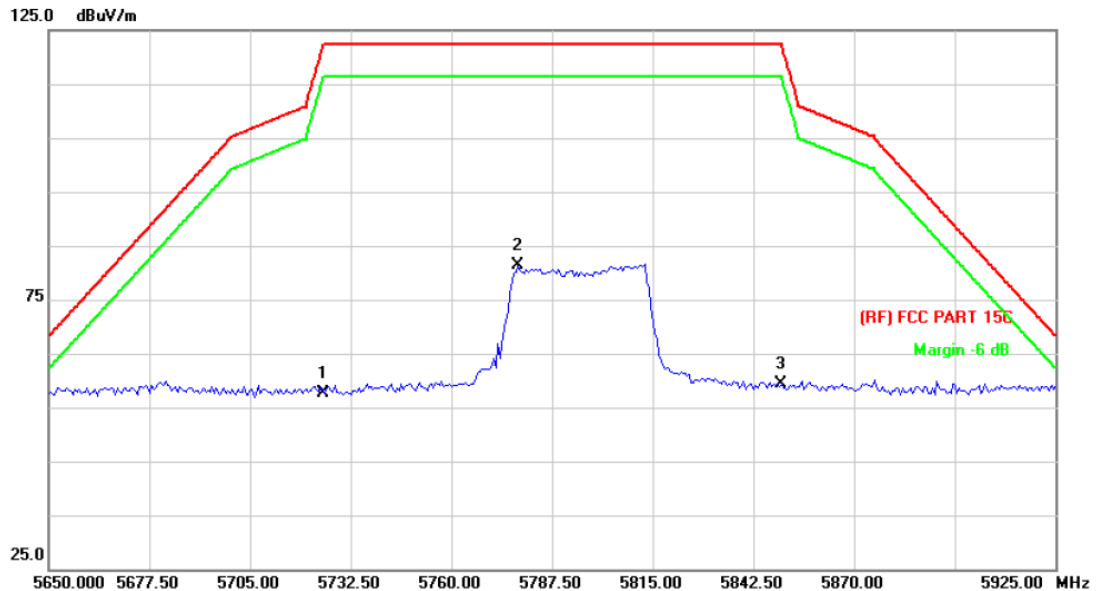
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5795 MHz (U-NII-3)		
Remark:			



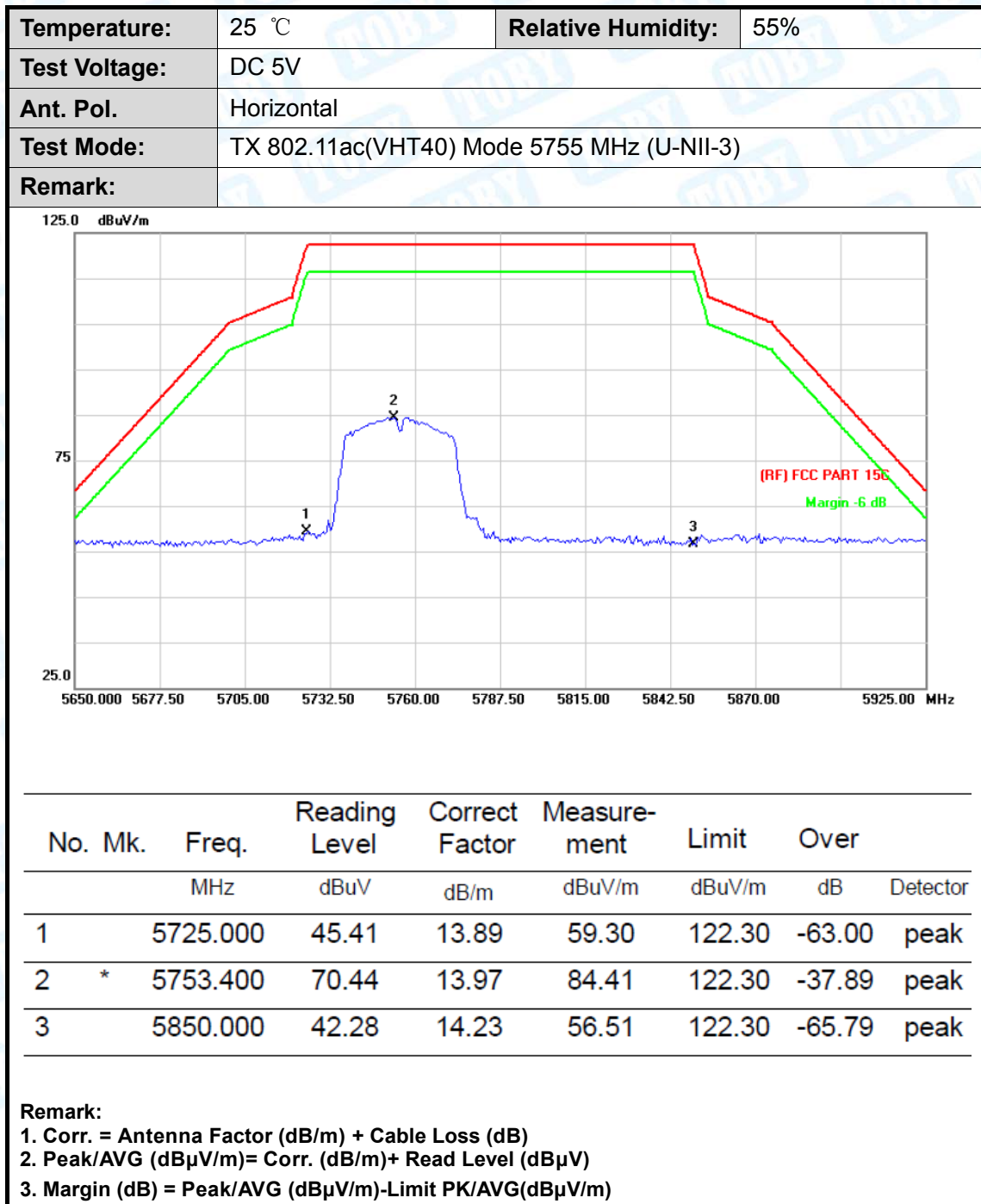
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	43.66	13.89	57.55	122.30	-64.75	peak
2	*	5778.150	67.34	14.03	81.37	122.30	-40.93	peak
3		5850.000	45.18	14.23	59.41	122.30	-62.89	peak

Remark:

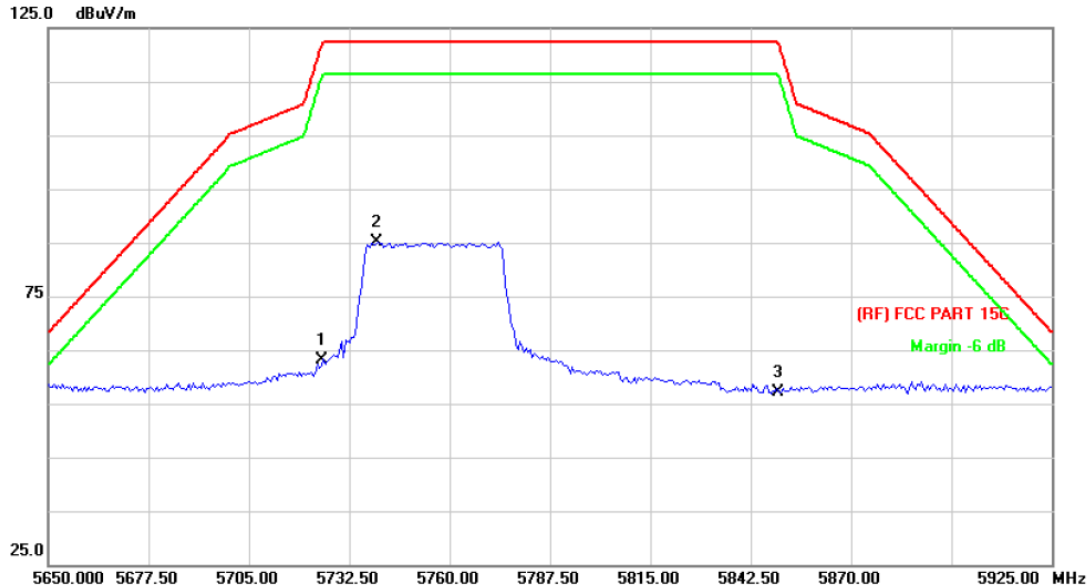
1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)



Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mode 5755 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	49.36	13.89	63.25	122.30	-59.05	peak
2	*	5740.200	71.16	13.94	85.10	122.30	-37.20	peak
3		5850.000	42.99	14.23	57.22	122.30	-65.08	peak

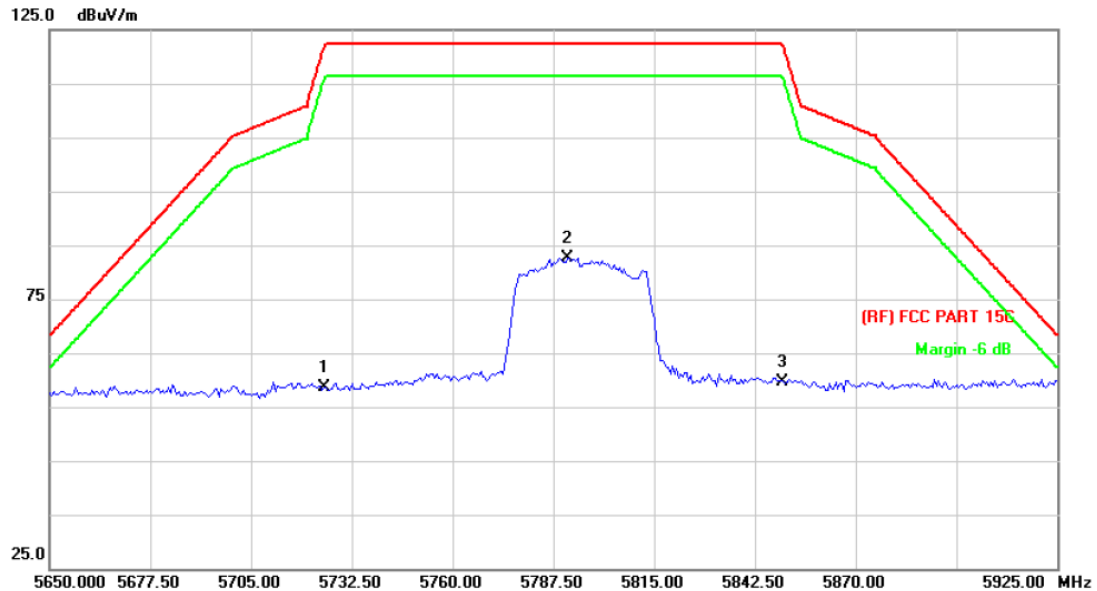
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT40) Mode 5795 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	44.77	13.89	58.66	122.30	-63.64	peak
2	*	5791.350	68.54	14.07	82.61	122.30	-39.69	peak
3		5850.000	45.52	14.23	59.75	122.30	-62.55	peak

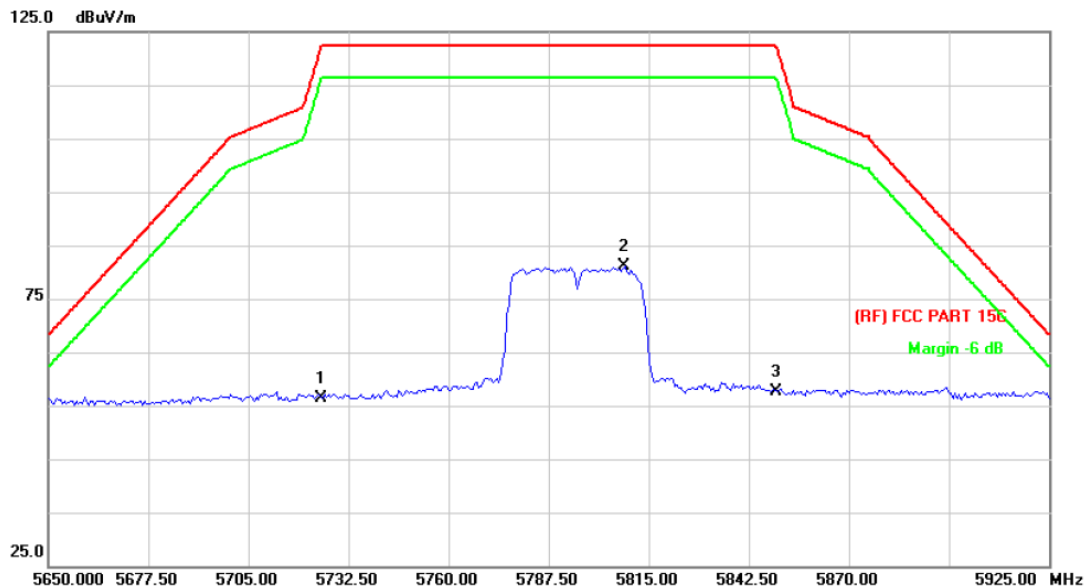
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mode 5795 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	42.48	13.89	56.37	122.30	-65.93	peak
2	*	5808.400	66.96	14.12	81.08	122.30	-41.22	peak
3		5850.000	43.29	14.23	57.52	122.30	-64.78	peak

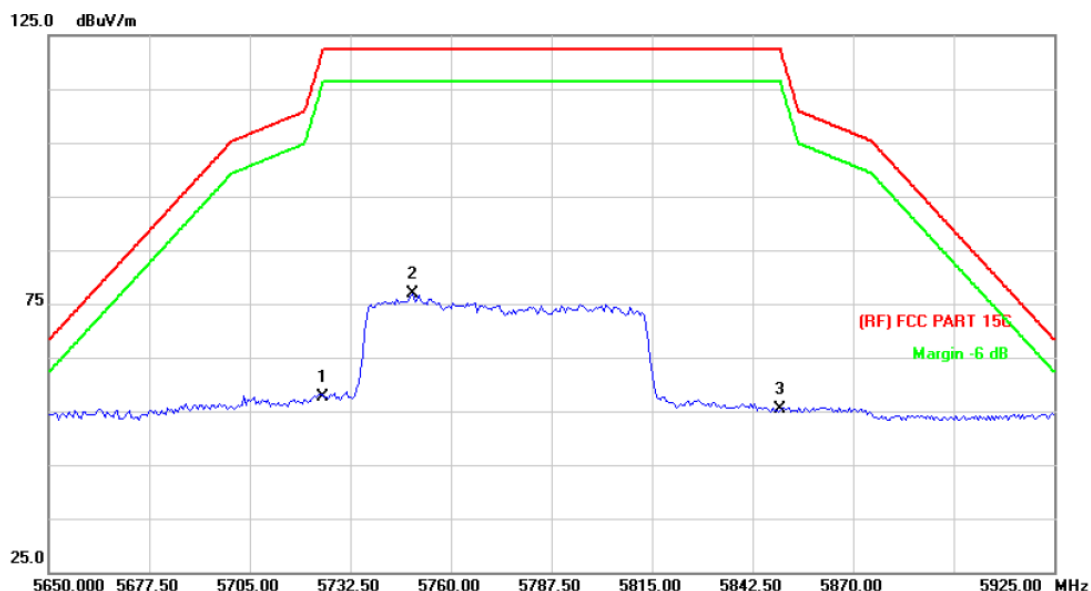
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m)= Corr. (dB/m)+ Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m)-Limit PK/AVG(dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT80) Mode 5775 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	43.69	13.89	57.58	122.30	-64.72	peak
2	*	5749.550	62.84	13.96	76.80	122.30	-45.50	peak
3		5850.000	41.16	14.23	55.39	122.30	-66.91	peak

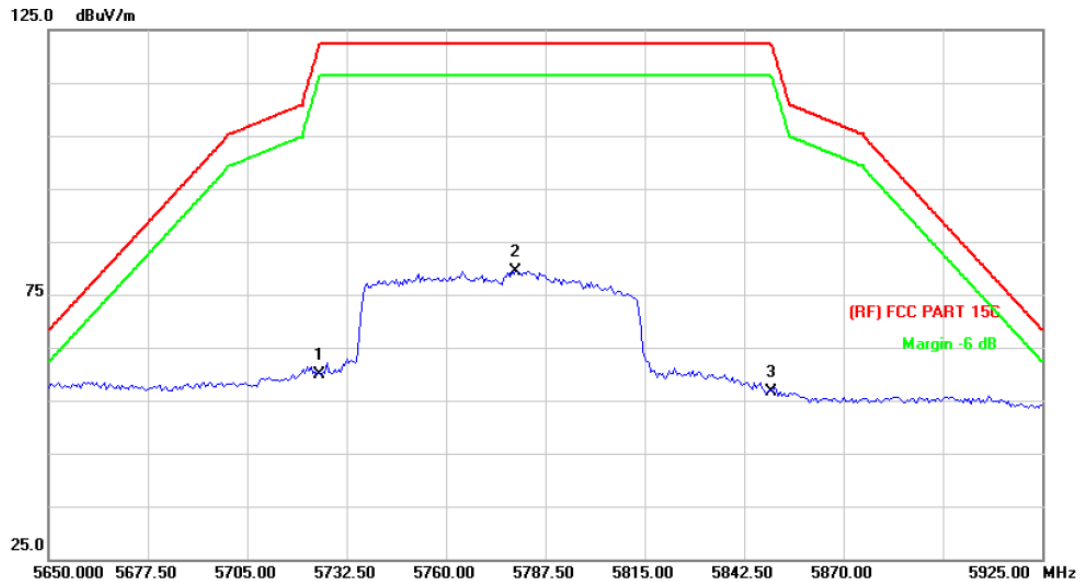
Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 5V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT80) Mode 5775 MHz (U-NII-3)		
Remark:			



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	46.06	13.89	59.95	122.30	-62.35	peak
2	*	5779.250	65.39	14.03	79.42	122.30	-42.88	peak
3		5850.000	42.49	14.23	56.72	122.30	-65.58	peak

Remark:

1. Corr. = Antenna Factor (dB/m) + Cable Loss (dB)

2. Peak/AVG (dBuV/m) = Corr. (dB/m) + Read Level (dBuV)

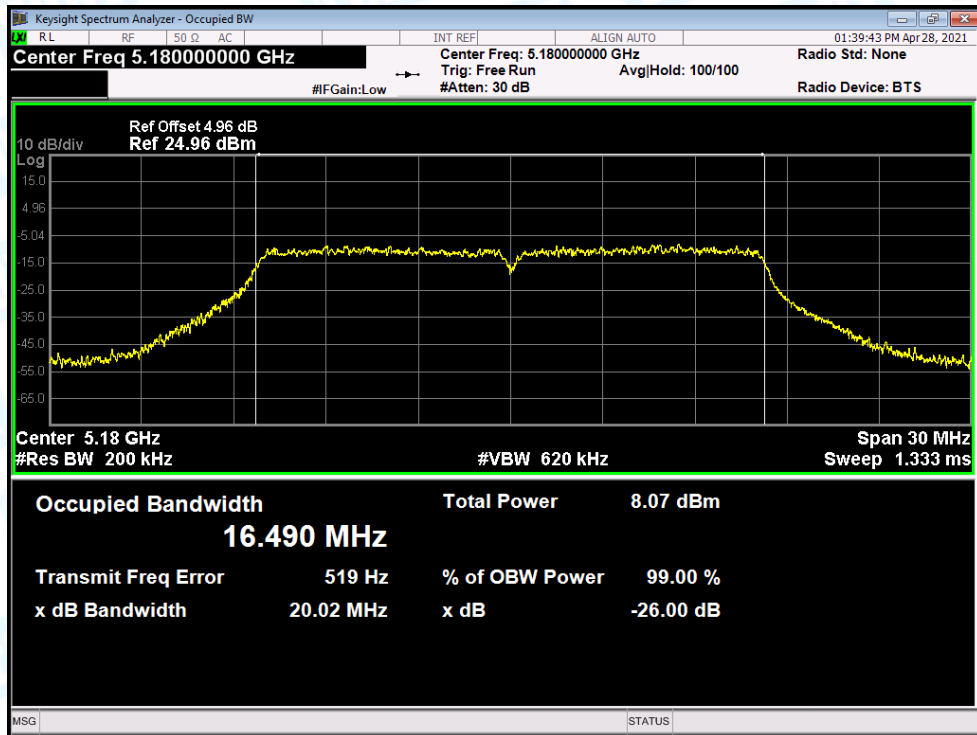
3. Margin (dB) = Peak/AVG (dBuV/m) - Limit PK/AVG (dBuV/m)

Attachment D--Bandwidth Test Data

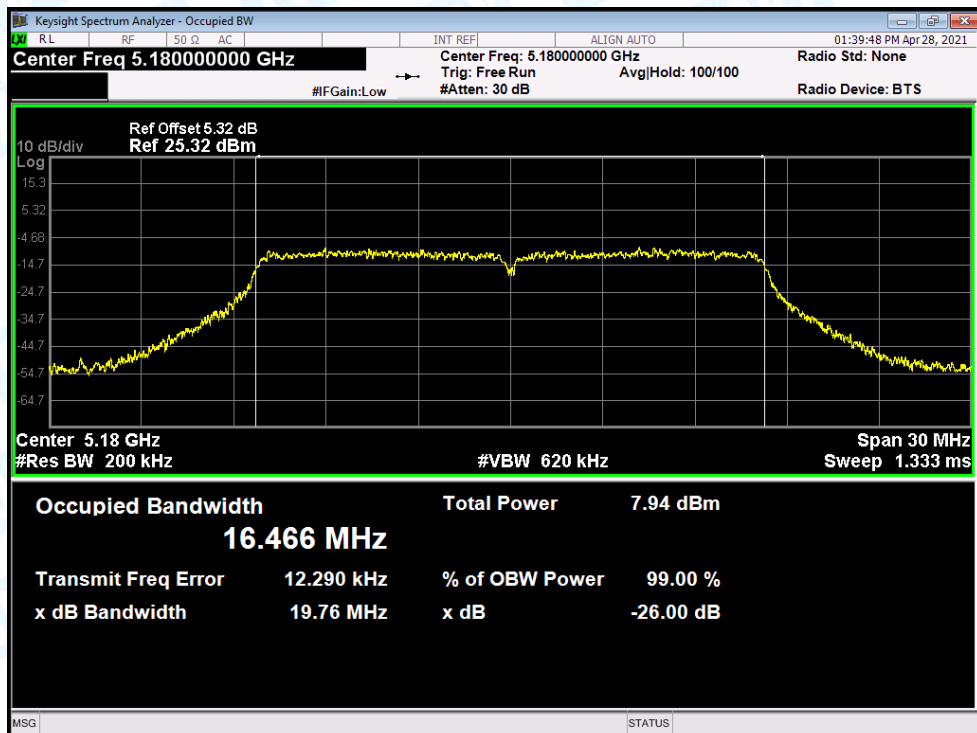
Condition	Mode	Frequency (MHz)	Antenna	-26dB Bandwidth (MHz)	99% OBW (MHz)
NVNT	a	5180	Ant.A	20.02	16.490
NVNT	a	5180	Ant.B	19.76	16.466
NVNT	a	5200	Ant.A	20.09	16.467
NVNT	a	5200	Ant.B	19.75	16.443
NVNT	a	5240	Ant.A	19.70	16.474
NVNT	a	5240	Ant.B	19.59	16.445
NVNT	ac(VHT20)	5180	Ant.A	20.63	17.592
NVNT	ac(VHT20)	5180	Ant.B	20.62	17.586
NVNT	ac(VHT20)	5200	Ant.A	20.57	17.605
NVNT	ac(VHT20)	5200	Ant.B	20.55	17.589
NVNT	ac(VHT20)	5240	Ant.A	20.66	17.598
NVNT	ac(VHT20)	5240	Ant.B	20.62	17.577
NVNT	ac(VHT40)	5190	Ant.A	41.85	36.244
NVNT	ac(VHT40)	5190	Ant.B	42.06	36.225
NVNT	ac(VHT40)	5230	Ant.A	41.84	36.225
NVNT	ac(VHT40)	5230	Ant.B	42.27	36.211
NVNT	ac(VHT80)	5210	Ant.A	81.57	75.447
NVNT	ac(VHT80)	5210	Ant.B	82.51	75.434
NVNT	n(HT20)	5180	Ant.A	20.57	17.612
NVNT	n(HT20)	5180	Ant.B	20.49	17.567
NVNT	n(HT20)	5200	Ant.A	20.58	17.595
NVNT	n(HT20)	5200	Ant.B	20.70	17.569
NVNT	n(HT20)	5240	Ant.A	20.51	17.587
NVNT	n(HT20)	5240	Ant.B	20.59	17.559
NVNT	n(HT40)	5190	Ant.A	42.25	36.207
NVNT	n(HT40)	5190	Ant.B	41.74	36.231
NVNT	n(HT40)	5230	Ant.A	42.53	36.258
NVNT	n(HT40)	5230	Ant.B	41.63	36.264

Test Graphs

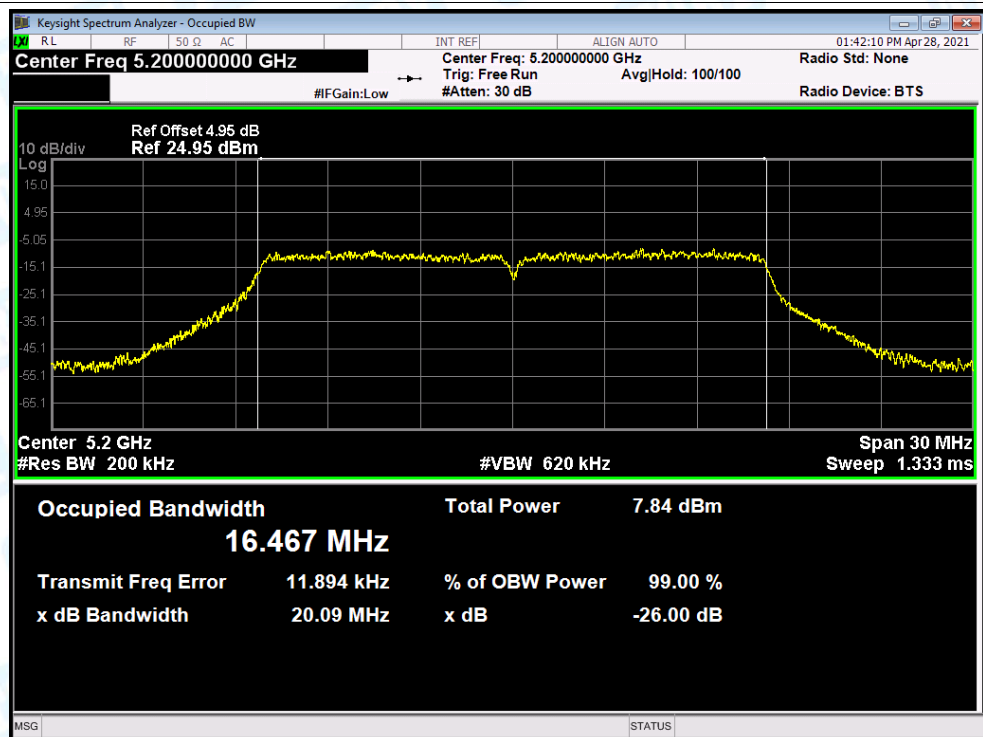
OBW NVNT a 5180MHz Ant.A



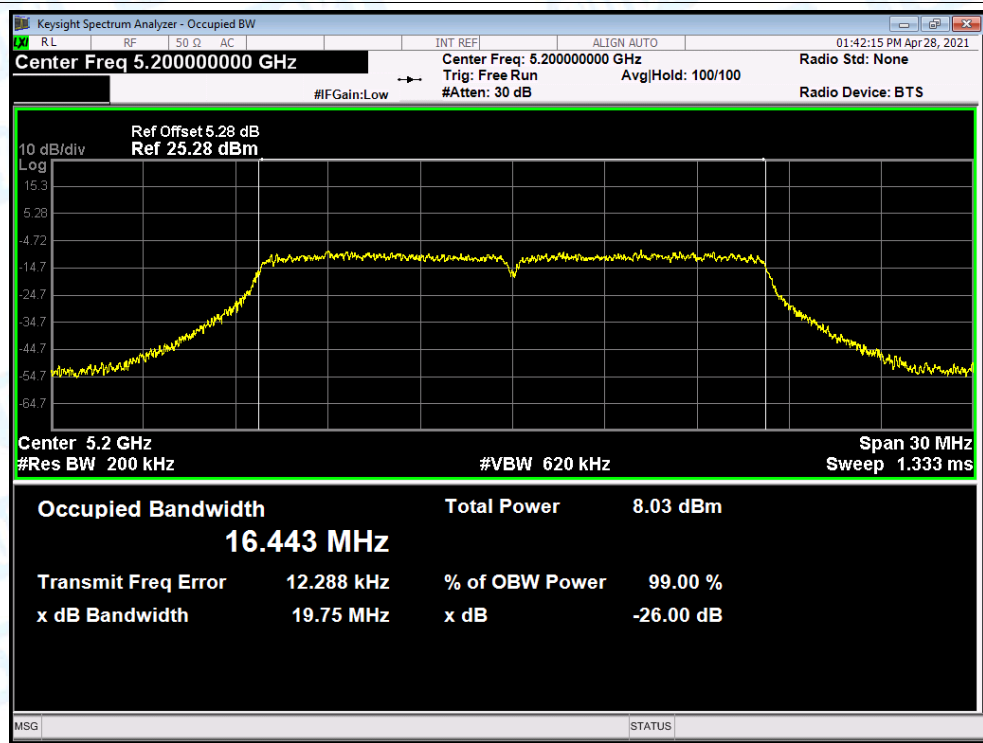
OBW NVNT a 5180MHz Ant.B



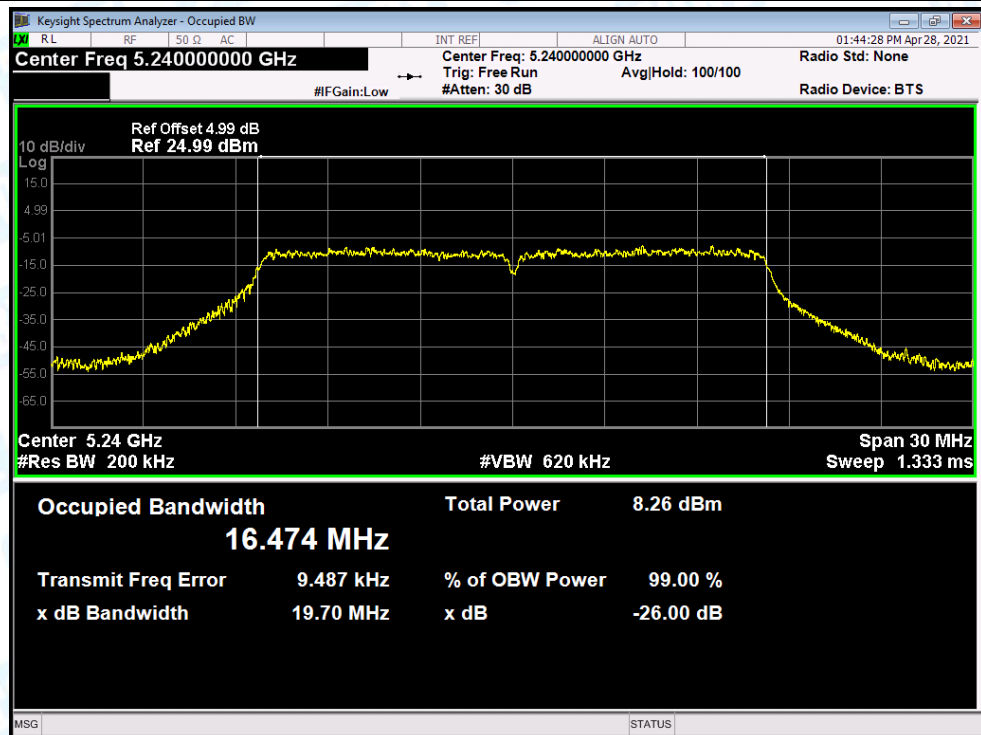
OBW NVNT a 5200MHz Ant.A



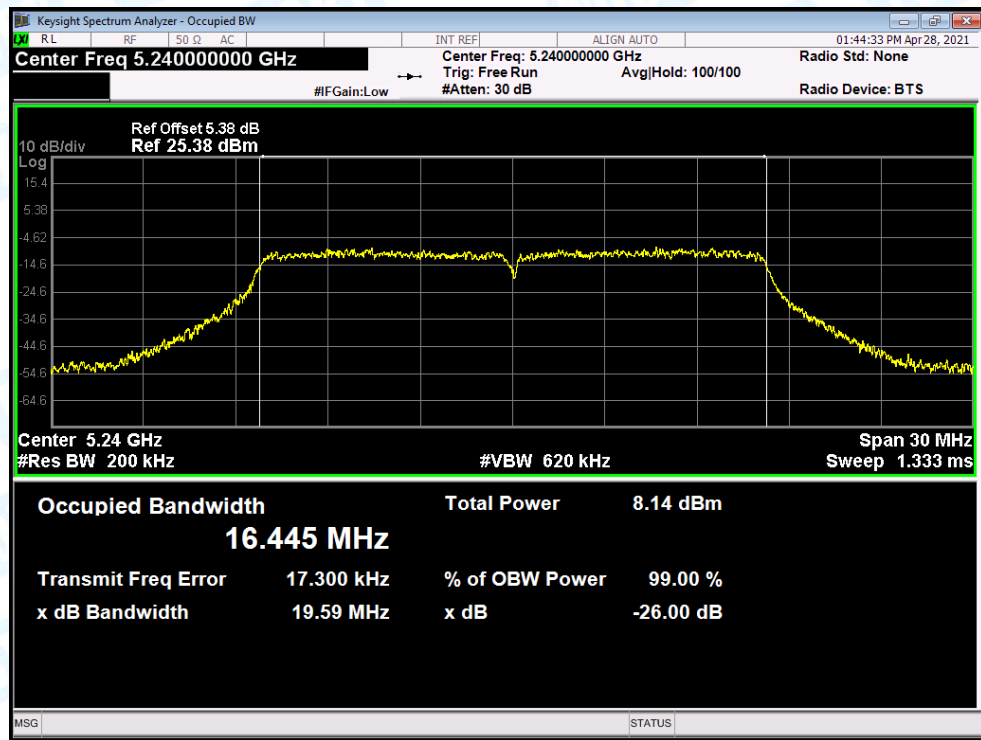
OBW NVNT a 5200MHz Ant.B



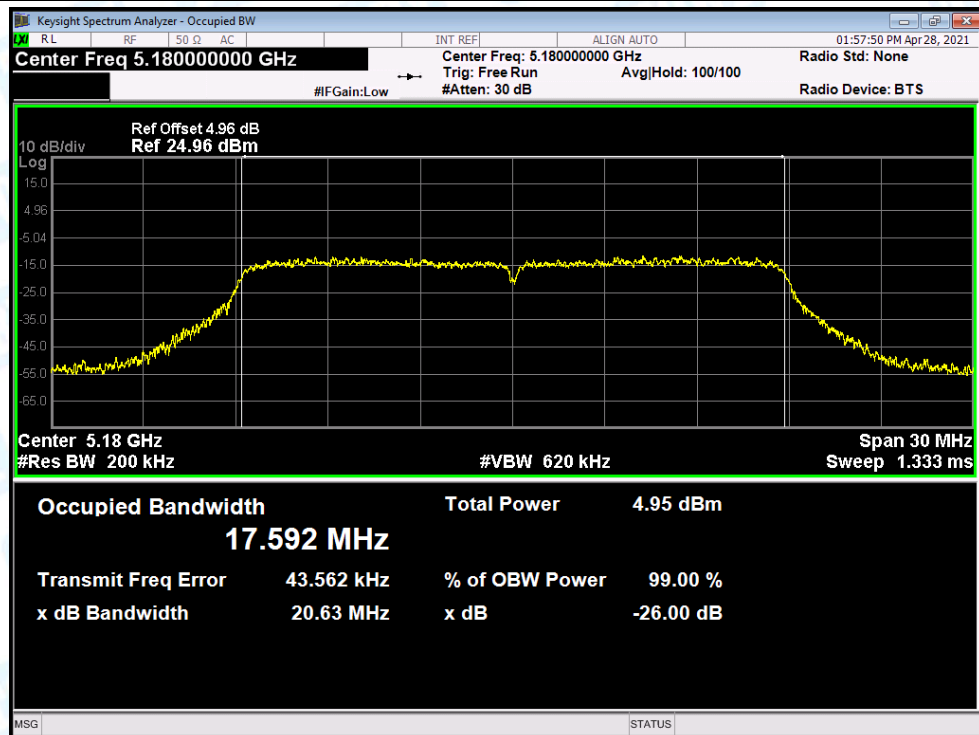
OBW NVNT a 5240MHz Ant.A



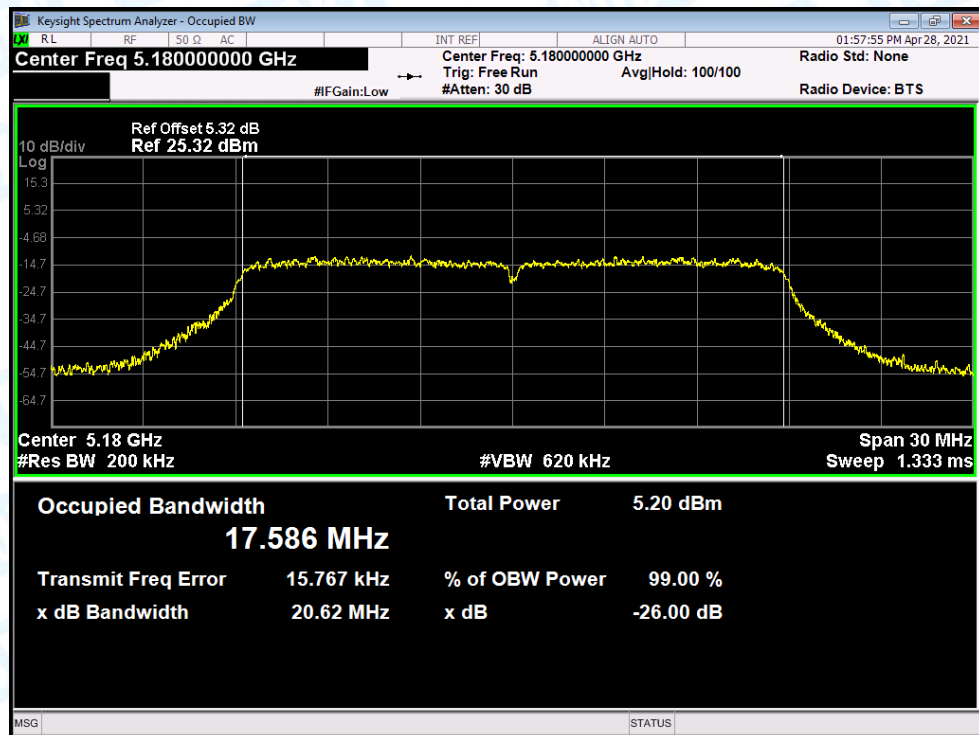
OBW NVNT a 5240MHz Ant.B



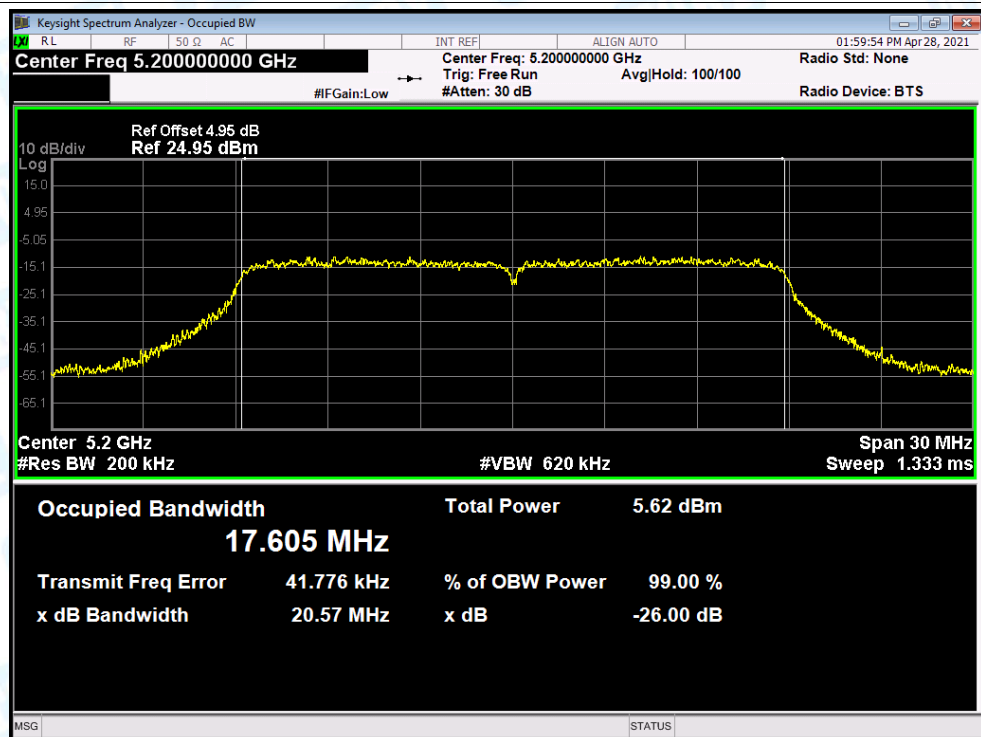
OBW NVNT ac(VHT20) 5180MHz Ant.A



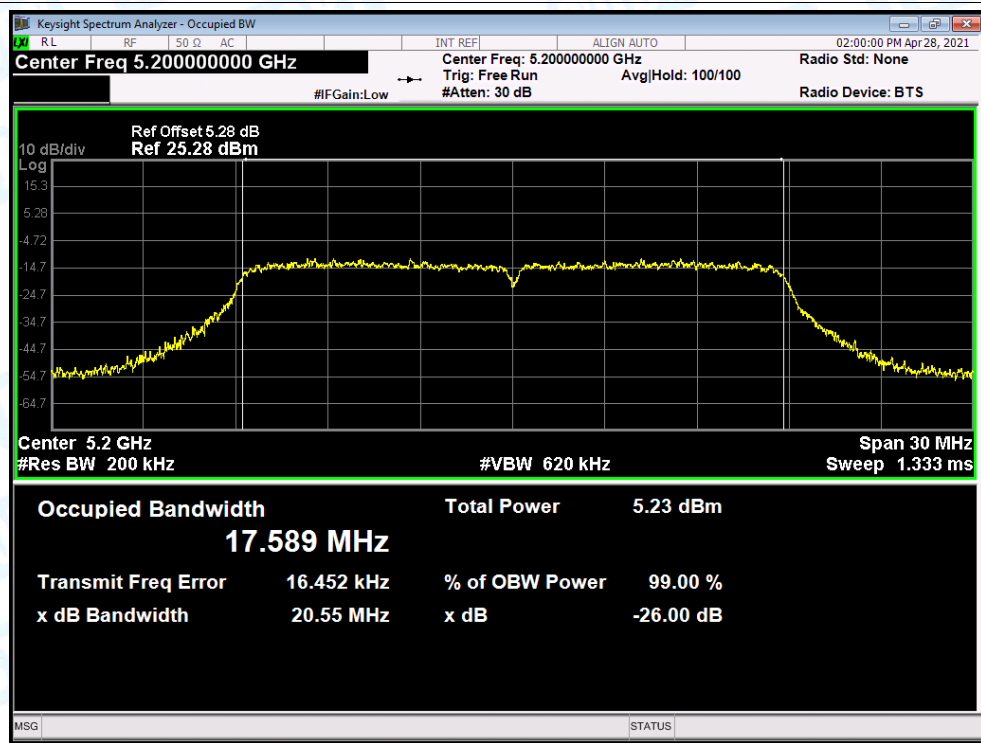
OBW NVNT ac(VHT20) 5180MHz Ant.B



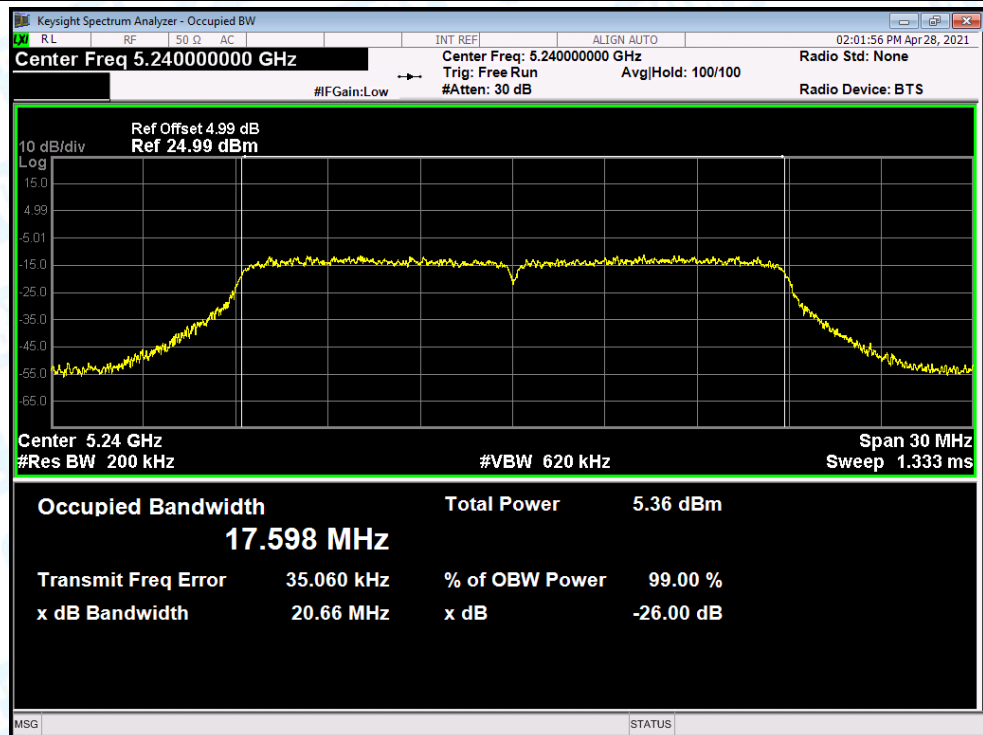
OBW NVNT ac(VHT20) 5200MHz Ant.A



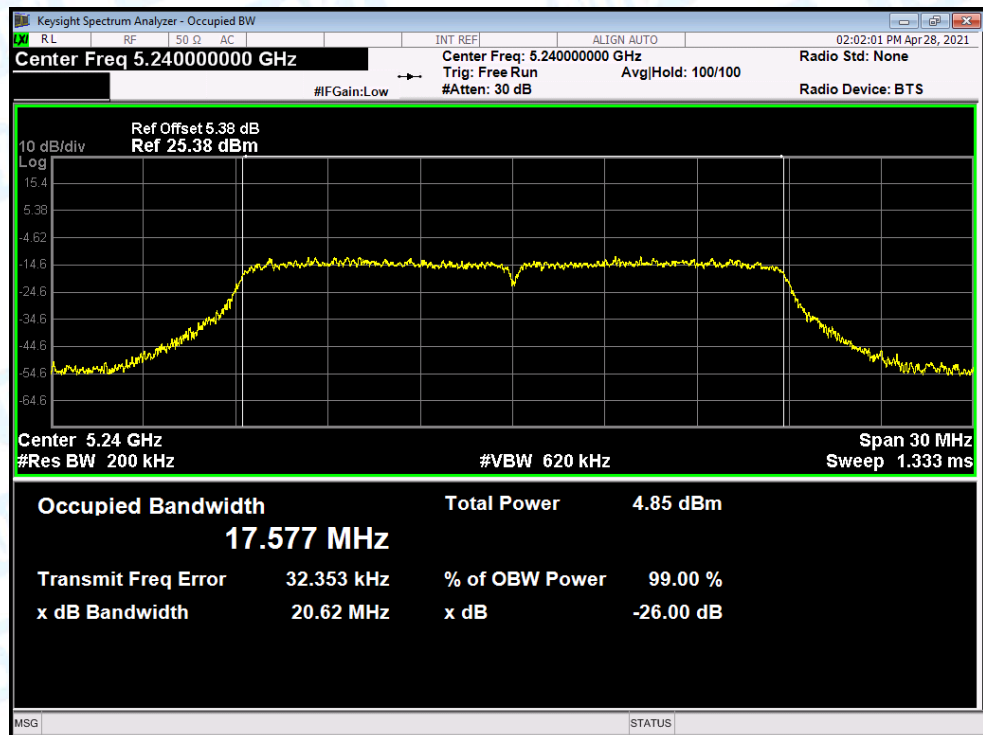
OBW NVNT ac(VHT20) 5200MHz Ant.B



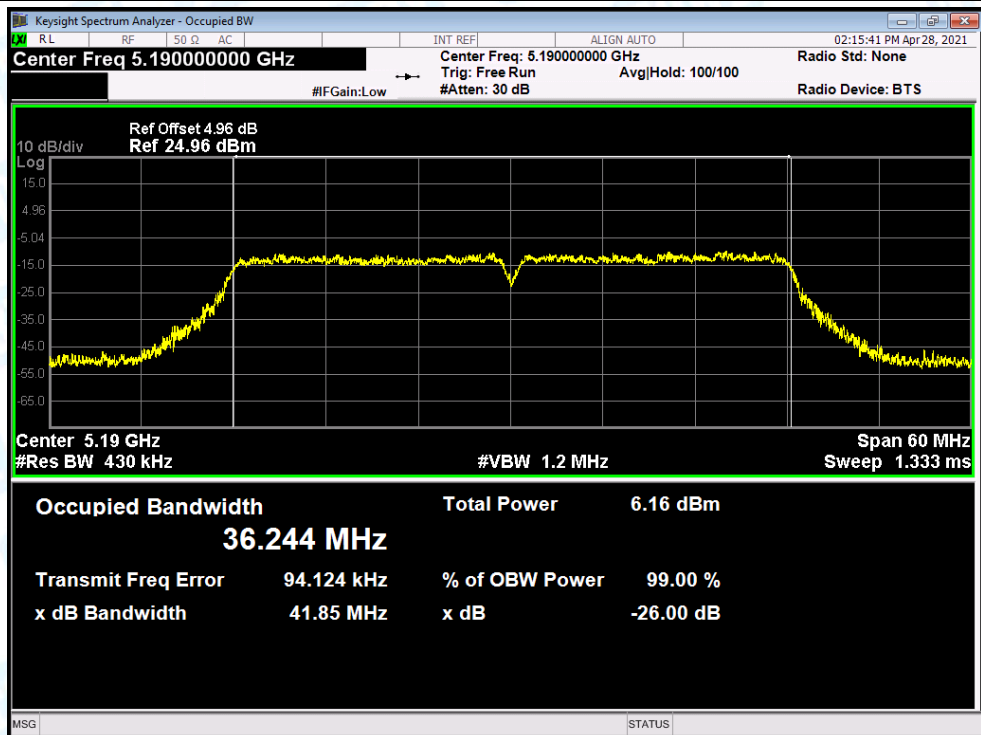
OBW NVNT ac(VHT20) 5240MHz Ant.A



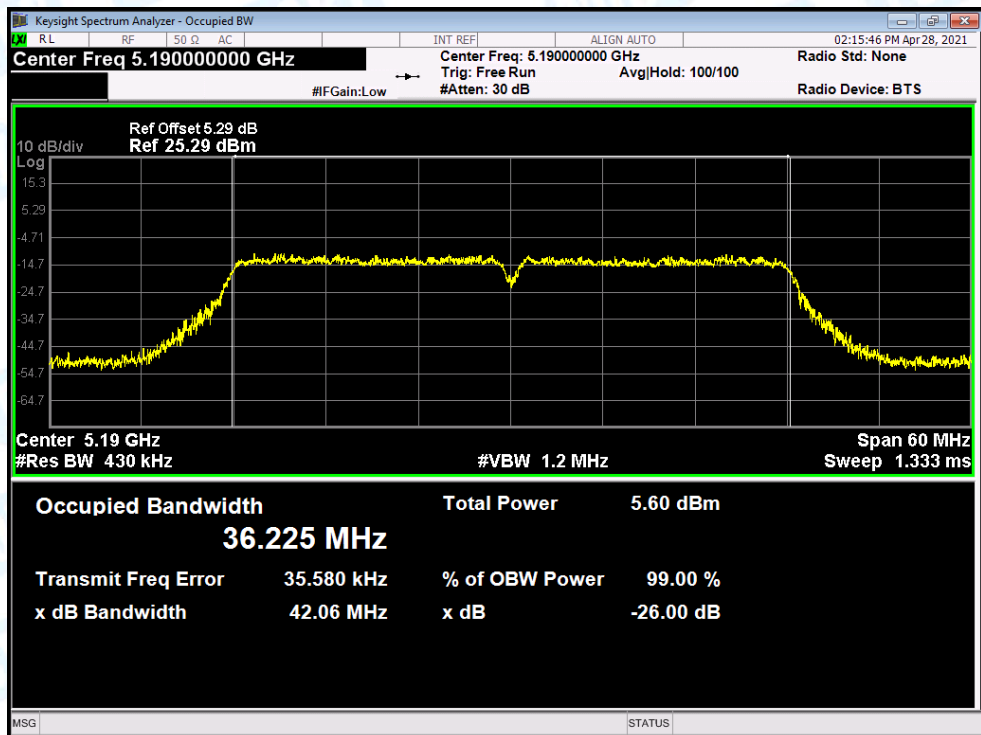
OBW NVNT ac(VHT20) 5240MHz Ant.B



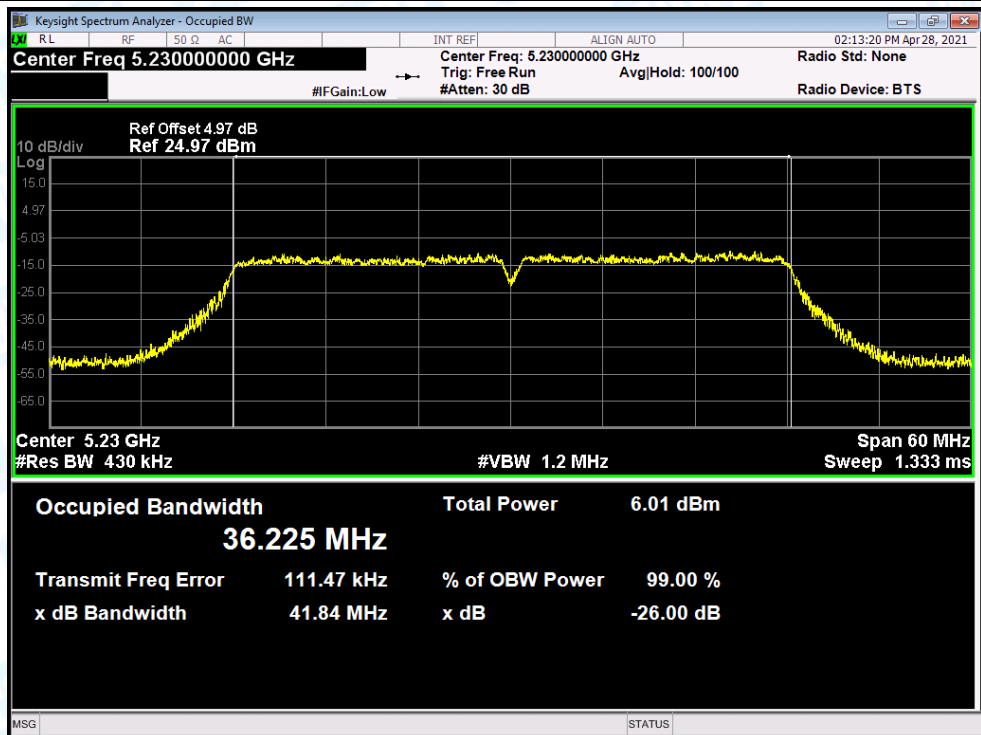
OBW NVNT ac(VHT40) 5190MHz Ant.A



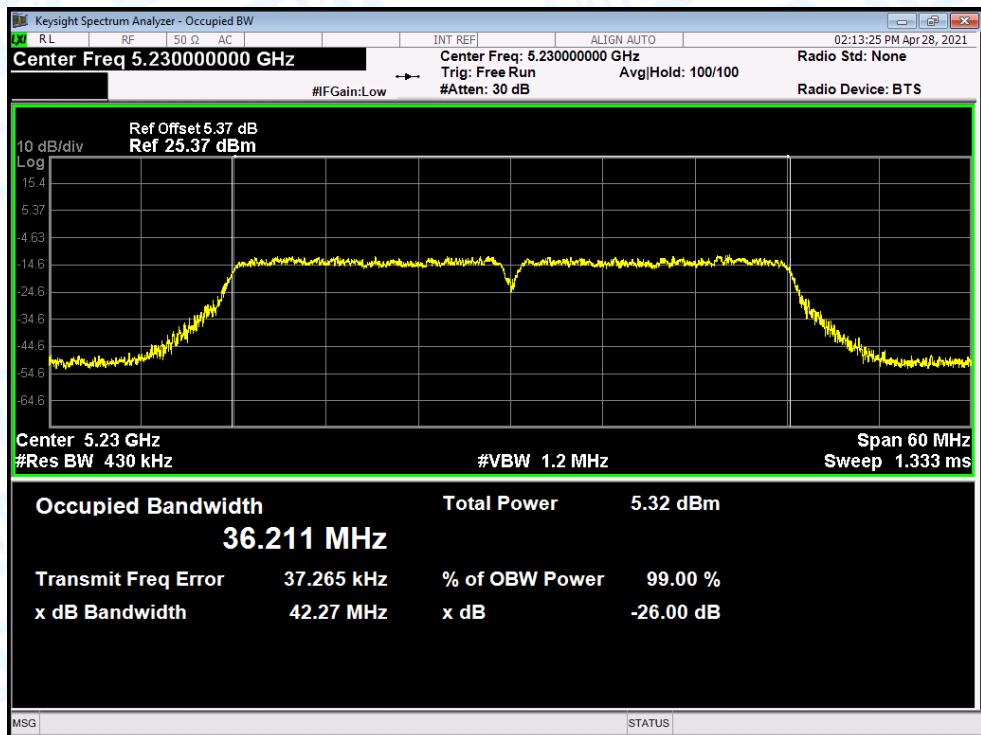
OBW NVNT ac(VHT40) 5190MHz Ant.B



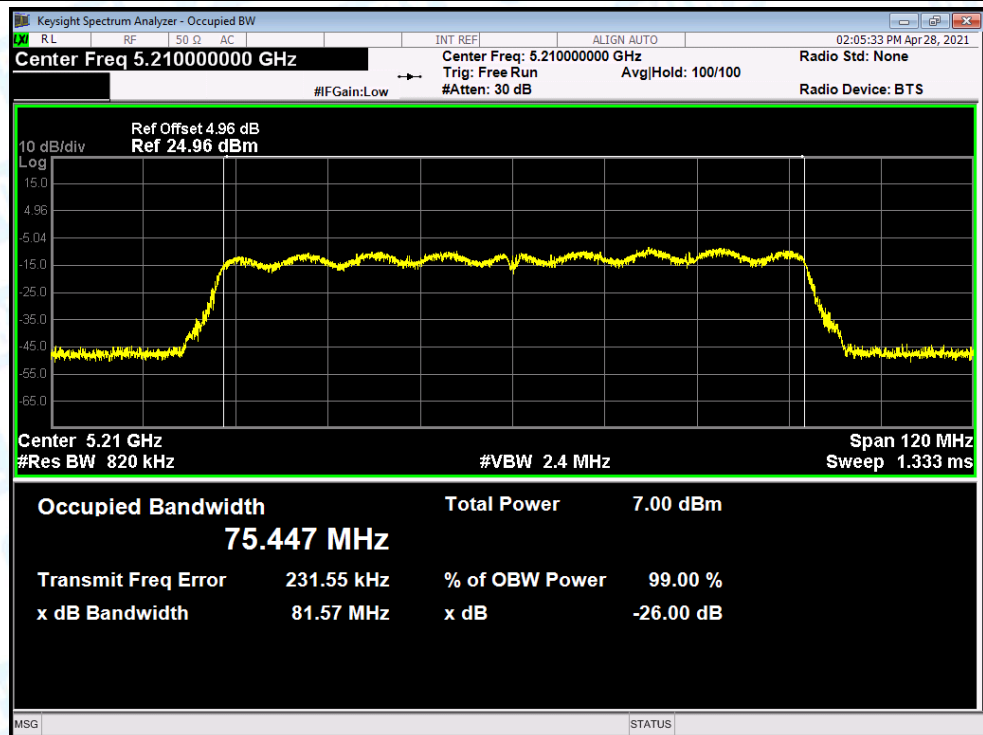
OBW NVNT ac(VHT40) 5230MHz Ant.A



OBW NVNT ac(VHT40) 5230MHz Ant.B



OBW NVNT ac(VHT80) 5210MHz Ant.A



OBW NVNT ac(VHT80) 5210MHz Ant.B

