

# FCC Radio Test Report

## FCC ID: 2AM8GCHAMELEON5R

### Original Grant

**Report No.** : TB-FCC178946  
**Applicant** : Guangzhou Lie Dun Electronics Technology CO.,Ltd  
**Equipment Under Test (EUT)**  
**EUT Name** : RUGGEDIZED HAND-HELD DEVICE  
**Model No.** : CHAMELEON 5R SINGLE  
**Series Model No.** : CHAMELEON 5R DUAL  
**Brand Name** : CHAMELEON  
**Sample ID** : 20190923-01-1#& 20190923-01-2#  
**Receipt Date** : 2019-12-16  
**Test Date** : 2019-12-17 to 2021-02-27  
**Issue Date** : 2021-03-09  
**Standards** : FCC Part 15, Subpart E 15.407  
**Test Method** : ANSI C63.10: 2013  
**Conclusions** : **PASS**

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

**Test/Witness Engineer** : Rebecca  
**Test/Witness Engineer** : Ivan Su  
**Approved& Authorized** : 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-FCC178946	Rev.01	Initial issue of report	2021-03-09

# 1. General Information about EUT

## 1.1 Client Information

<b>Applicant</b>	:	Guangzhou Lie Dun Electronics Technology CO.,Ltd
<b>Address</b>	:	No.4 plant of No.43 South International Trade Avenue, Hualong Town, Panyu District, Guangzhou, Guangdong, China
<b>Manufacturer</b>	:	Guangzhou Lie Dun Electronics Technology CO.,Ltd
<b>Address</b>	:	No.4 plant of No.43 South International Trade Avenue, Hualong Town, Panyu District, Guangzhou, Guangdong, China

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

<b>EUT Name</b>	:	RUGGEDIZED HAND-HELD DEVICE
<b>Models No.</b>	:	CHAMELEON 5R SINGLE, CHAMELEON 5R DUAL
<b>Model Difference</b>	:	All these models are identical in the same PCB, layout and electrical circuit, The only difference is size.
<b>Product Description</b>	:	Operation Frequency: U-NII-1: 5180MHz~5240MHz, U-NII-3: 5745MHz~5825MHz
	:	Antenna Gain: 4.5dBi PIFA Antenna
	:	Modulation Type: 802.11a: OFDM (QPSK, BPSK, 16QAM) 802.11n: OFDM (QPSK, BPSK, 16QAM, 64QAM) 802.11ac: OFDM (QPSK, BPSK, 16QAM, 64QAM, 256QAM)
	:	Bit Rate of Transmitter: 802.11a: 6/9/12/18/24/36/48/54 Mbps 802.11n: up to 150Mbps 802.11ac: at most 433.3 Mbps
<b>Power Rating</b>	:	DC 5V from Adapter(P12DUSB050200 US) Input: 100-240V~, 50/60Hz, 0.3A Output: DC 5V 2A DC 3.85V 7100mAh/27Wh by rechargeable Li-ion battery.
<b>Software Version</b>	:	CH501_V0.37_qfil_user_20201109
<b>Hardware Version</b>	:	5FBD61_V1.03_PCB
<b>Remark</b>	:	The adapter and antenna gain provided by the applicant, the verified for the RF conduction test provided by TOBY test lab.

**Note:**

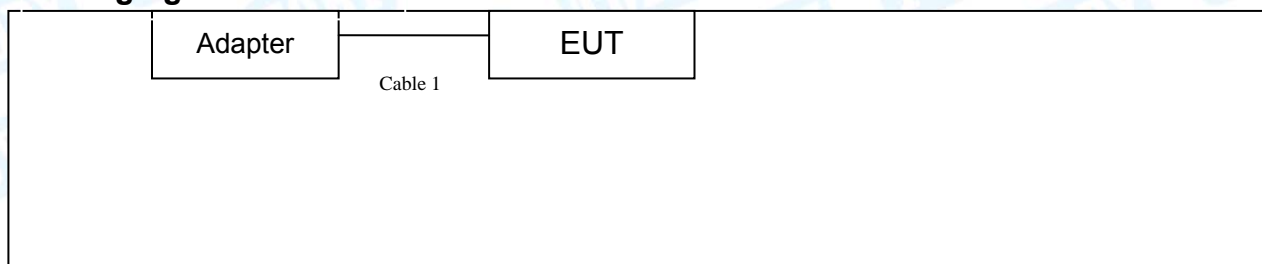
(1) This Test Report is FCC Part 15, Subpart E(15.407) for 802.11a/n/ac, the test procedure follows the KDB 789033 D02 General U-NII Test Procedures New Rules v02r01. More detailed features description, please refer to the manufacturer's specifications or the User's Manual.

(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.				

### 1.3 Block Diagram Showing the Configuration of System Tested

#### Charging + TX Mode



#### TX Mode



### 1.4 Description of Support Units

Equipment Information				
Name	Model	FCC ID/VOC	Manufacturer	Used “√”
----	----	----	----	√
Cable Information				
Number	Shielded Type	Ferrite Core	Length	Note
Cable 1	Yes	Yes	NO	Accessory

## 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	Charging + TX a Mode(5180MHz)	
For Radiated Test Below 1GHz		
Final Test Mode	Description	
Mode 2	Charging + TX a Mode(5180MHz)	
For Radiated Test Above 1GHz		
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  
 802.11ac(VHT40) Mode: MCS 0 ; 802.11ac(VHT80) Mode: MCS 0

- (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 unit; 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.

<b>Test Software: QRCT</b>		
<b>Test Mode:</b> Continuously transmitting		
<b>U-NII-1</b>		
<b>Mode</b>	<b>Frequency (MHz)</b>	<b>Parameters</b>
<b>802.11a</b>	5180	16
	5200	16
	5240	16
<b>802.11n(HT20)</b>	5180	16
	5200	16
	5240	16
<b>802.11ac(VHT20)</b>	5180	16
	5200	16
	5240	16
<b>802.11n(HT40)</b>	5190	15
	5230	15
<b>802.11ac(VHT40)</b>	5190	15
	5230	15
<b>802.11ac(VHT80)</b>	5210	15
<b>U-NII-3</b>		
<b>Mode</b>	<b>Frequency (MHz)</b>	<b>Parameters</b>
<b>802.11a</b>	5745	19
	5785	19
	5825	19
<b>802.11n(HT20)</b>	5745	20
	5785	20
	5825	20
<b>802.11ac(HT20)</b>	5745	19
	5785	19
	5825	19
<b>802.11n(HT40)</b>	5755	18
	5795	18
<b>802.11ac(VHT40)</b>	5755	18
	5795	18
<b>802.11ac(VHT80)</b>	5775	18



## 1.7 Measurement Uncertainty

The reported uncertainty of measurement  $y \pm U$ , where expanded 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	$\pm 3.50$ dB $\pm 3.10$ dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	$\pm 4.60$ dB
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	$\pm 4.50$ dB
Radiated Emission	Level Accuracy: Above 1000MHz	$\pm 4.20$ 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 FCC	Test Item	Test Sample(s)	Judgment	Remark
15.203	Antenna Requirement	20190923-01-1#	PASS	N/A
15.207	Conducted Emission	20190923-01-2#	PASS	N/A
15.407(b)	Band Edge Emissions	20190923-01-1#	PASS	N/A
15.407(a)	26dB Bandwidth&99% Bandwidth	20190923-01-1#	PASS	N/A
15.407(e)	6dB Bandwidth( <b>only for UNII-3</b> )	20190923-01-1#	PASS	N/A
15.407(a)	AVG Output Power	20190923-01-1#	PASS	N/A
15.407(a)	Power Spectral Density	20190923-01-1#	PASS	N/A
15.407(b)	Transmitter Radiated Spurious Emission	20190923-01-1# 20190923-01-2#	PASS	N/A
15.407(g)	Frequency Stability	20190923-01-1#	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	MWRfTest	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. 13, 2019	Jul. 12, 2020
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 13, 2019	Jul. 12, 2020
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 13, 2019	Jul. 12, 2020
LISN	Rohde & Schwarz	ENV216	101131	Jul. 13, 2019	Jul. 12, 2020
Radiation Emission Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 13, 2019	Jul. 12, 2020
EMI Test Receiver	Rohde & Schwarz	ESPI	100010/007	Jul. 13, 2019	Jul. 12, 2020
Spectrum Analyzer	Rohde & Schwarz	FSV40-N	102197	Jul. 13, 2019	Jul. 12, 2020
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar.03, 2019	Mar. 02, 2020
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar.03, 2019	Mar. 02, 2020
Horn Antenna	ETS-LINDGREN	BBHA 9170	BBHA9170582	Mar.03, 2019	Mar. 02, 2020
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-059	Jul. 13, 2019	Jul. 12, 2020
Pre-amplifier	Sonoma	310N	185903	Mar.03, 2019	Mar. 02, 2020
Pre-amplifier	HP	8449B	3008A00849	Mar.03, 2019	Mar. 02, 2020
Pre-amplifier	SKET	LNPA_1840G-50	SK201904032	Mar.03, 2019	Mar. 02, 2020
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar.03, 2019	Mar. 02, 2020
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Antenna Conducted Emission					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 13, 2019	Jul. 12, 2020
Spectrum Analyzer	Rohde & Schwarz	ESPI	100010/007	Jul. 13, 2019	Jul. 12, 2020
MXA Signal Analyzer	Agilent	N9020A	MY49100060	Sep. 16, 2019	Sep. 15, 2020
Vector Signal Generator	Agilent	N5182A	MY50141294	Sep. 16, 2019	Sep. 15, 2020
Analog Signal Generator	Agilent	N5181A	MY50141953	Sep. 16, 2019	Sep. 15, 2020
RF Power Sensor	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO26	Sep. 16, 2019	Sep. 15, 2020
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO29	Sep. 16, 2019	Sep. 15, 2020
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO31	Sep. 16, 2019	Sep. 15, 2020
	DARE!! Instruments	RadiPowerRPR3006W	17I00015SNO33	Sep. 16, 2019	Sep. 15, 2020
<p><b>Note: The test equipments of the above project valid until 2020 year. Because of the EUT test time across 2020 and 2021 year, So the new calibrated equipment please see below test equipments.</b></p>					

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	Mar.01, 2020	Feb. 28, 2021
Pre-amplifier	HP	8449B	3008A00849	Mar.01, 2020	Feb. 28, 2021
Pre-amplifier	SKET	LNPA_1840G-50	SK201904032	Mar.01, 2020	Feb. 28, 2021
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar.01, 2020	Feb. 28, 2021
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 $\mu$ V)	
	Quasi-peak Level	Average Level
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *
500kHz~5MHz	56	46
5MHz~30MHz	60	50

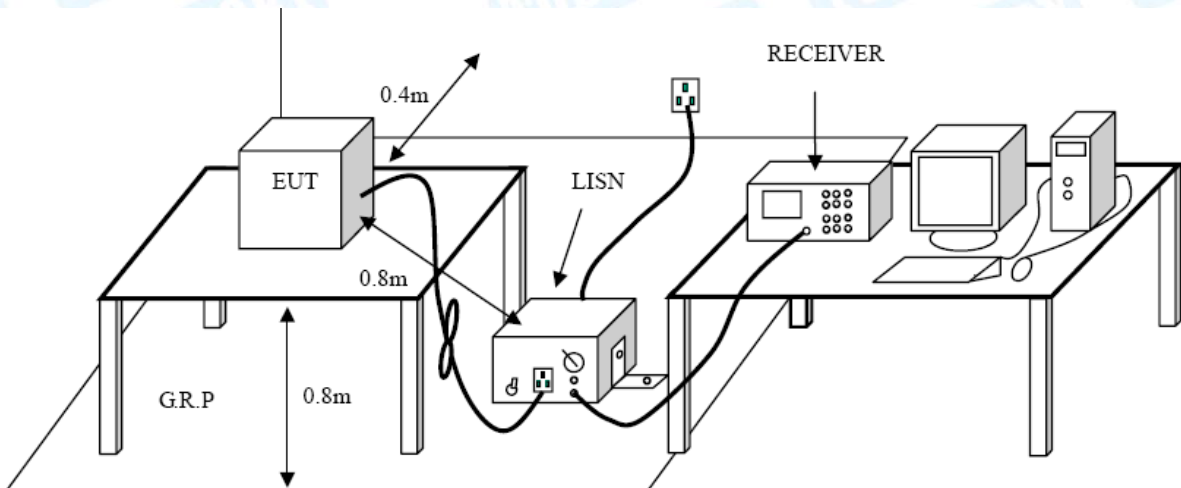
Notes:

(1) \*Decreasing linearly with logarithm of the frequency.

(2) The lower limit shall apply at the transition frequencies.

(3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

### 5.2 Test Setup



### 5.3 Test Procedure

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

Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

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

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

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

### 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

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

Frequency (MHz)	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

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

Frequency (MHz)	Distance 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)

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

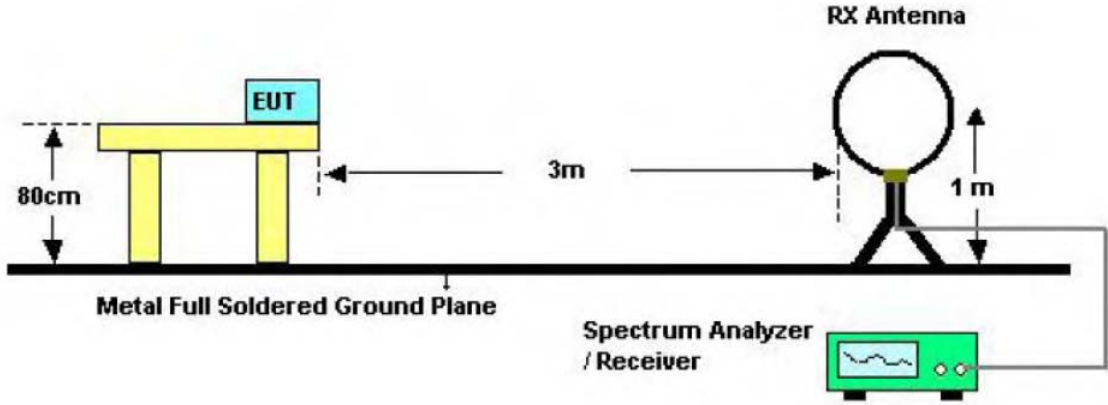
NOTE:

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

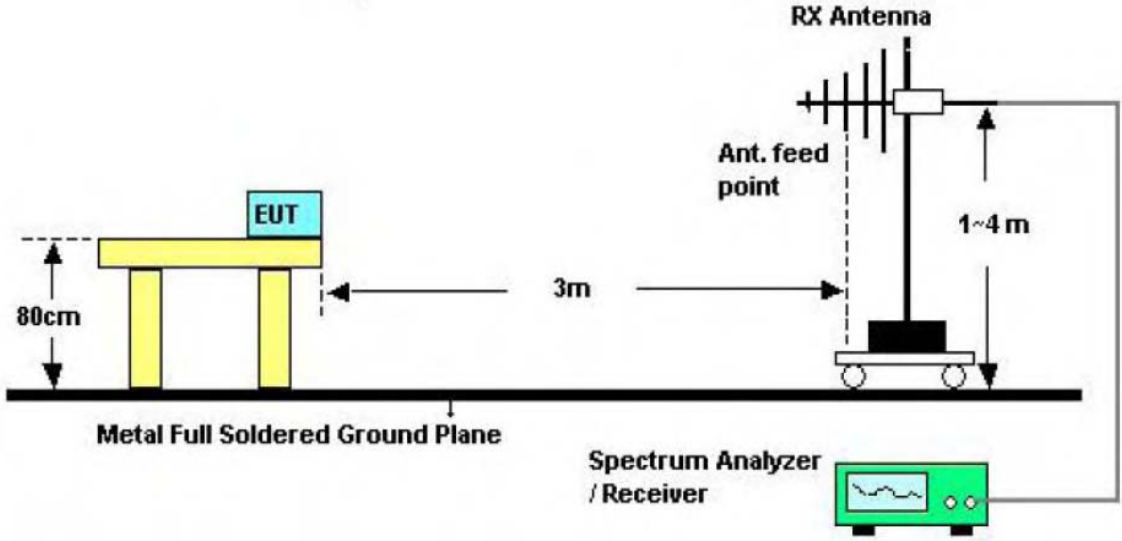
$$E = \frac{1000000\sqrt{30P}}{3} \text{ uV/m, where P is the eirp (Watts)}$$

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

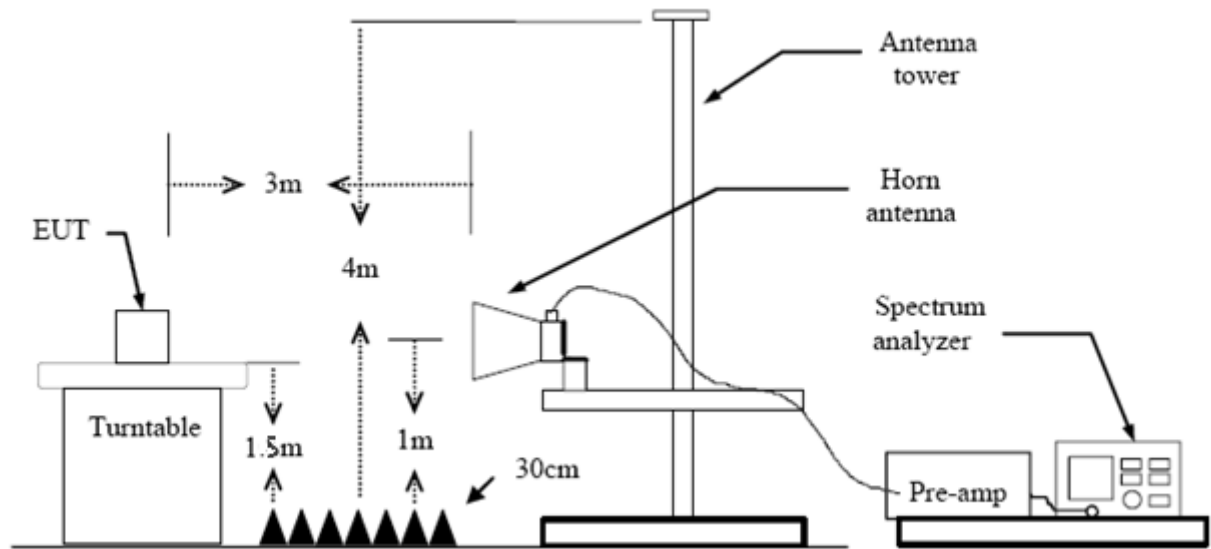


Below 30MHz Test Setup



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 0re set to make measurement.
- (4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

#### 6.4 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

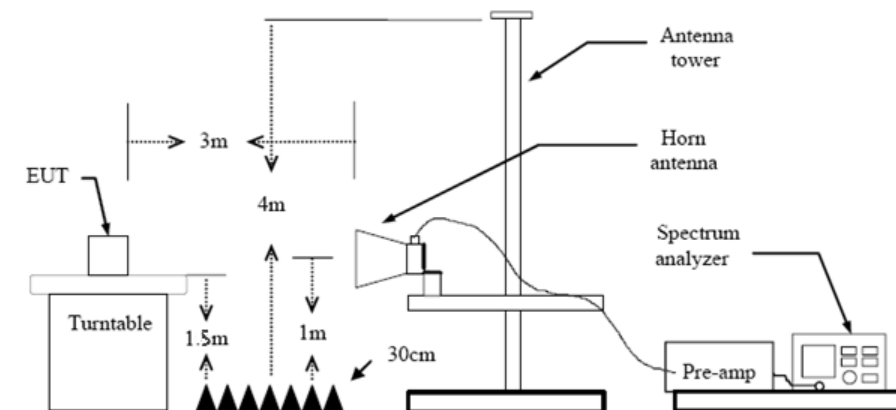
NOTE:

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 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.

### 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 0re 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.

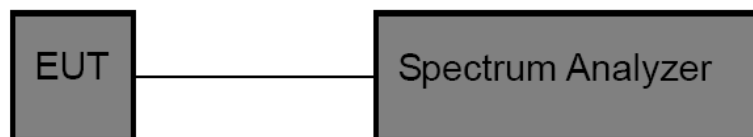
## 8. Bandwidth Test

### 8.1 Test Standard and Limit

- 8.1.1 Test Standard  
FCC Part 15.407
- 8.1.2 Test Limit

FCC Part 15 Subpart C(15.407)/RSS-210		
Test Item	Limit	Frequency Range (MHz)
26 Bandwidth	N/A	5150~5250
		5250~5350
		5500~5700
6 dB Bandwidth	>500kHz	5725~5850

### 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

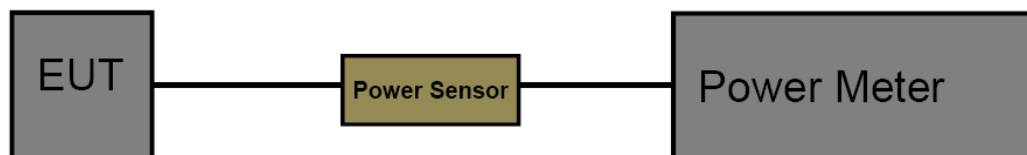
#### 9.1.1 Test Standard

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

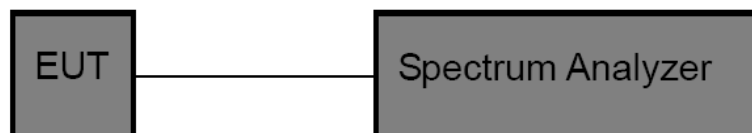
#### 10.1.1 Test Standard

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	Other than Mobile and Portable : 17dBm/MHz Mobile and Portable : 11dBm/MHz	5150~5250
	11dBm/MHz	5250~5350
	11dBm/MHz	5500~5700
	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.

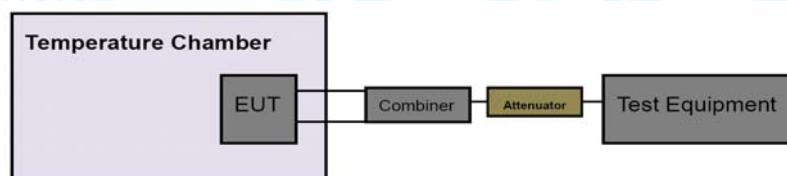
## 11. Frequency Stability Measurement

### 11.1 Test Standard and Limit

- 11.1.1 Test Standard  
FCC Part 15.407
- 11.1.2 Test Limit

FCC Part 15 Subpart C(15.407)		
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
		5500~5700
		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 4.5dBi, 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

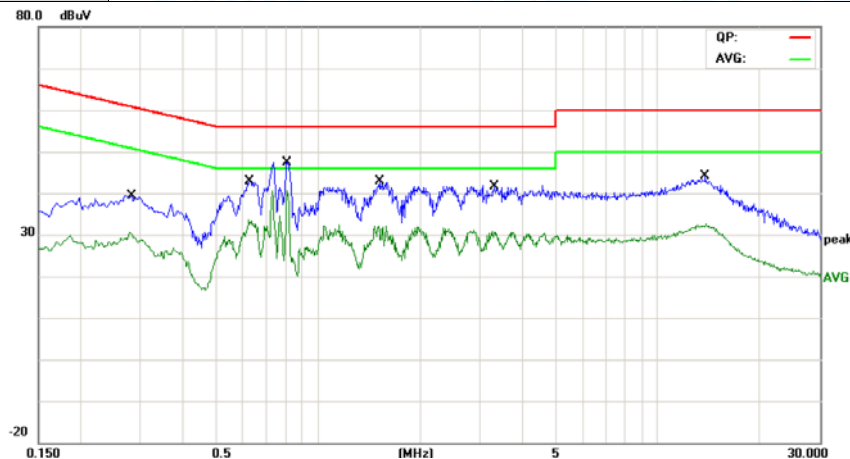
The EUT antennas are PIFA Antenna. It complies with the standard requirement.

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

## Attachment A-- Conducted Emission Test Data

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

<b>Temperature:</b>	23.2°C	<b>Relative Humidity:</b>	45%
<b>Test Voltage:</b>	AC 120V/60 Hz		
<b>Terminal:</b>	Line		
<b>Test Mode:</b>	TX 802.11a Mode CH36		
<b>Remark:</b>	Only worse case is reported.		



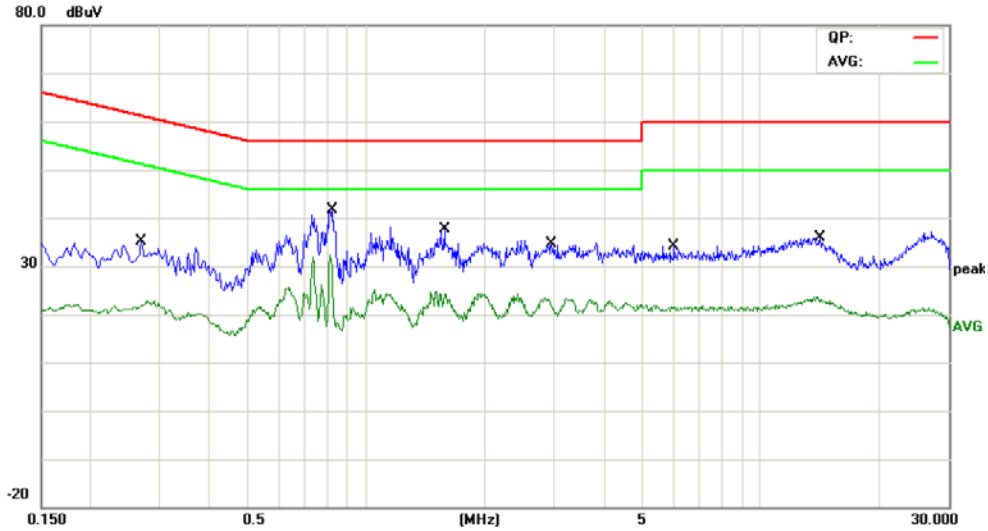
No.	Mk.	Freq. MHz	Reading Level dBμV	Correct Factor dB	Measure- ment dBμV	Limit dBμV	Over dB	Detector
1		0.2819	26.01	9.83	35.84	60.76	-24.92	QP
2		0.2819	19.55	9.83	29.38	50.76	-21.38	AVG
3		0.6300	29.63	9.91	39.54	56.00	-16.46	QP
4		0.6300	22.98	9.91	32.89	46.00	-13.11	AVG
5		0.8100	35.52	9.70	45.22	56.00	-10.78	QP
6	*	0.8100	30.08	9.70	39.78	46.00	-6.22	AVG
7		1.5140	29.82	9.85	39.67	56.00	-16.33	QP
8		1.5140	21.26	9.85	31.11	46.00	-14.89	AVG
9		3.2940	26.55	9.85	36.40	56.00	-19.60	QP
10		3.2940	19.93	9.85	29.78	46.00	-16.22	AVG
11		13.7980	29.50	9.82	39.32	60.00	-20.68	QP
12		13.7980	21.29	9.82	31.11	50.00	-18.89	AVG

\*: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:	23.2°C	Relative Humidity:	45%
Test Voltage:	AC 120V/60 Hz		
Terminal:	Neutral		
Test Mode:	TX 802.11a Mode CH36		
Remark:	Only worse case is reported		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector
1		0.2700	18.77	9.69	28.46	61.12	-32.66	QP
2		0.2700	11.91	9.69	21.60	51.12	-29.52	AVG
3		0.8220	25.59	9.74	35.33	56.00	-20.67	QP
4	*	0.8220	16.20	9.74	25.94	46.00	-20.06	AVG
5		1.5820	20.41	9.83	30.24	56.00	-25.76	QP
6		1.5820	13.92	9.83	23.75	46.00	-22.25	AVG
7		2.9500	17.64	9.87	27.51	56.00	-28.49	QP
8		2.9500	10.83	9.87	20.70	46.00	-25.30	AVG
9		6.0380	16.62	9.84	26.46	60.00	-33.54	QP
10		6.0380	10.46	9.84	20.30	50.00	-29.70	AVG
11		14.1900	19.28	9.86	29.14	60.00	-30.86	QP
12		14.1900	12.32	9.86	22.18	50.00	-27.82	AVG

\*: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)

## Attachment B-- Radiated Emission Test Data

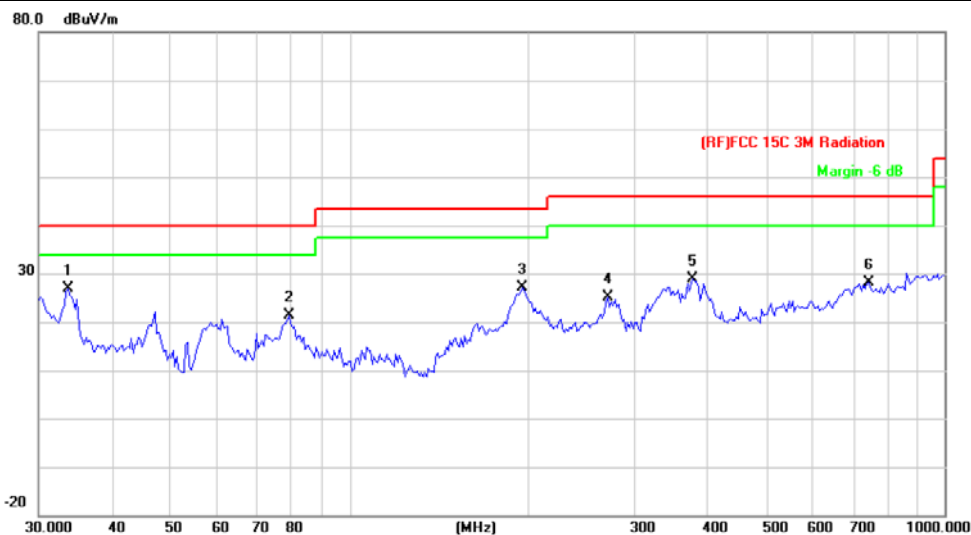
### 9 KHz~30 MHz

From 9 KHz to 30 MHz: Conclusion: PASS

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

### 30MHz~1GHz

Temperature:	24.6 °C	Relative Humidity:	43%
Test Voltage:	AC 120V/60Hz		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180MHz (U-NII-1)		
Remark:	Only worse case is reported		



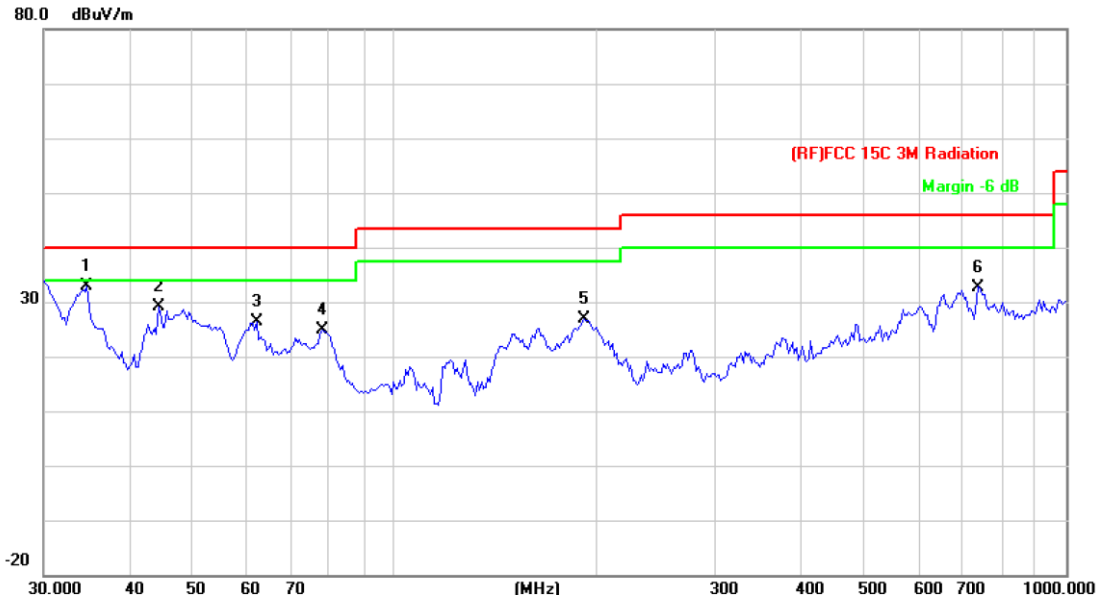
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	33.5623	42.51	-15.70	26.81	40.00	-13.19	QP
2		78.9651	43.96	-22.66	21.30	40.00	-18.70	QP
3		195.1365	46.85	-19.83	27.02	43.50	-16.48	QP
4		271.3245	41.65	-16.59	25.06	46.00	-20.94	QP
5		377.2590	42.10	-13.13	28.97	46.00	-17.03	QP
6		744.8660	34.54	-6.44	28.10	46.00	-17.90	QP

\*: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)

<b>Temperature:</b>	24.6 °C	<b>Relative Humidity:</b>	43%
<b>Test Voltage:</b>	AC 120V/60Hz		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5180MHz (U-NII-1)		
<b>Remark:</b>	Only worse case is reported.		



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	34.7602	49.49	-16.60	32.89	40.00	-7.11	QP
2		44.4308	50.62	-21.38	29.24	40.00	-10.76	QP
3		62.2128	50.65	-24.25	26.40	40.00	-13.60	QP
4		77.8654	47.78	-22.78	25.00	40.00	-15.00	QP
5		191.0738	46.58	-19.77	26.81	43.50	-16.69	QP
6		739.6604	39.20	-6.45	32.75	46.00	-13.25	QP

\*: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)**



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

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11a Mode 5180MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit. Only worse case is reported.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10359.534	63.77	-21.04	42.73	54.00	-11.27	AVG
2		10359.804	76.84	-21.04	55.80	68.30	-12.50	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5180MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit. Only worse case is reported.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10359.767	69.01	-21.04	47.97	54.00	-6.03	AVG
2		10359.788	76.66	-21.04	55.62	68.30	-12.68	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11a Mode 5200MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10399.021	80.98	-20.98	60.00	68.30	-8.30	peak
2		10399.532	66.02	-20.98	45.04	54.00	-8.96	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5200MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10398.324	76.83	-20.98	55.85	68.30	-12.45	peak
2	*	10400.252	67.40	-20.98	46.42	54.00	-7.58	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11a Mode 5240MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10480.215	77.21	-20.87	56.34	68.30	-11.96	peak
2	*	10480.654	66.21	-20.87	45.34	54.00	-8.66	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5240MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10480.124	76.19	-20.87	55.32	68.30	-12.98	peak
2	*	10480.201	65.88	-20.87	45.01	54.00	-8.99	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5180MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10360.012	78.28	-21.04	57.24	68.30	-11.06	peak
2	*	10360.021	67.39	-21.04	46.35	54.00	-7.65	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5180MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10360.214	81.35	-21.04	60.31	68.30	-7.99	peak
2		10360.321	66.40	-21.04	45.36	54.00	-8.64	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5200MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10400.214	79.10	-20.98	58.12	68.30	-10.18	peak
2	*	10400.215	66.33	-20.98	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5200MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10400.014	80.50	-20.98	59.52	68.30	-8.78	peak
2	*	10400.251	67.33	-20.98	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5240MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10480.012	80.10	-20.87	59.23	68.30	-9.07	peak
2	*	10480.251	67.41	-20.87	46.54	54.00	-7.46	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5240MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1	*	10480.014	80.87	-20.87	60.00	68.30	-8.30	peak
2		10480.214	66.08	-20.87	45.21	54.00	-8.79	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10360.023	81.28	-21.04	60.24	68.30	-8.06	peak
2	*	10360.236	67.39	-21.04	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5180MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10360.012	79.19	-21.04	58.15	68.30	-10.15	peak
2	*	10360.023	66.41	-21.04	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5200MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10400.021	79.10	-20.98	58.12	68.30	-10.18	peak
2	*	10400.025	68.12	-20.98	47.14	54.00	-6.86	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5200MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10400.012	80.21	-20.98	59.23	68.30	-9.07	peak
2	*	10400.032	67.31	-20.98	46.33	54.00	-7.67	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)



<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11 ac(VHT20) Mode 5240MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10480.011	81.28	-20.87	60.41	68.30	-7.89	peak
2	*	10480.012	67.19	-20.87	46.32	54.00	-7.68	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5240MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10480.016	81.18	-20.87	60.31	68.30	-7.99	peak
2	*	10480.021	67.22	-20.87	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5190MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10380.000	80.36	-21.01	59.35	68.30	-8.95	peak
2	*	10380.244	67.36	-21.01	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5190MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10380.021	79.25	-21.01	58.24	68.30	-10.06	peak
2	*	10380.021	66.25	-21.01	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5230MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10460.021	80.24	-20.90	59.34	68.30	-8.96	peak
2	*	10460.032	67.22	-20.90	46.32	54.00	-7.68	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5230MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10460.021	80.27	-20.90	59.37	68.30	-8.93	peak
2	*	10460.201	67.23	-20.90	46.33	54.00	-7.67	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5190MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10380.021	79.13	-21.01	58.12	68.30	-10.18	peak
2	*	10380.026	67.36	-21.01	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5190MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10380.014	78.13	-21.01	57.12	68.30	-11.18	peak
2	*	10380.145	66.24	-21.01	45.23	54.00	-8.77	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5230MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detecto
1		10460.021	79.13	-20.90	58.23	68.30	-10.07	peak
2	*	10460.021	66.25	-20.90	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5230MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		10460.021	78.90	-20.90	58.00	68.30	-10.30	peak
2	*	10460.021	66.26	-20.90	45.36	54.00	-8.64	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT80) Mode 5210MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10420.012	77.96	-20.95	57.01	68.30	-11.29	peak
2	*	10420.021	66.16	-20.95	45.21	54.00	-8.79	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT80) Mode 5210MHz (U-NII-1)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		10460.321	80.25	-20.90	59.35	68.30	-8.95	peak
2	*	10460.326	66.21	-20.90	45.31	54.00	-8.69	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)

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

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11a Mode 5745MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11490.023	77.30	-19.99	57.31	68.30	-10.99	peak
2	*	11490.212	66.34	-19.99	46.35	54.00	-7.65	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5745MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11490.021	78.13	-19.99	58.14	68.30	-10.16	peak
2	*	11490.021	65.13	-19.99	45.14	54.00	-8.86	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11a Mode 5785MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11570.021	78.17	-19.96	58.21	68.30	-10.09	peak
2	*	11570.021	66.20	-19.96	46.24	54.00	-7.76	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5785MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11570.021	78.08	-19.96	58.12	68.30	-10.18	peak
2	*	11570.214	65.32	-19.96	45.36	54.00	-8.64	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)



<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11a Mode 5825MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11650.012	79.27	-19.93	59.34	68.30	-8.96	peak
2	*	11650.021	65.29	-19.93	45.36	54.00	-8.64	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11a Mode 5825MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11650.021	78.16	-19.93	58.23	68.30	-10.07	peak
2	*	11650.021	66.28	-19.93	46.35	54.00	-7.65	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5745MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11490.021	77.22	-19.99	57.23	68.30	-11.07	peak
2	*	11490.021	65.31	-19.99	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5745MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11490.021	77.34	-19.99	57.35	68.30	-10.95	peak
2	*	11490.210	66.34	-19.99	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5785MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11570.214	79.30	-19.96	59.34	68.30	-8.96	peak
2	*	11570.215	65.20	-19.96	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5785MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11570.012	77.21	-19.96	57.25	68.30	-11.05	peak
2	*	11570.023	66.21	-19.96	46.25	54.00	-7.75	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5825MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11650.021	77.17	-19.93	57.24	68.30	-11.06	peak
2	*	11650.021	65.29	-19.93	45.36	54.00	-8.64	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT20) Mode 5825MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11650.021	77.17	-19.93	57.24	68.30	-11.06	peak
2	*	11650.032	65.29	-19.93	45.36	54.00	-8.64	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5745MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11490.021	77.99	-19.99	58.00	68.30	-10.30	peak
2	*	11490.021	65.35	-19.99	45.36	54.00	-8.64	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5745MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11490.012	78.40	-19.99	58.41	68.30	-9.89	peak
2	*	11490.021	65.35	-19.99	45.36	54.00	-8.64	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5785MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11570.021	77.31	-19.96	57.35	68.30	-10.95	peak
2	*	11570.021	65.33	-19.96	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5785MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11570.021	78.30	-19.96	58.34	68.30	-9.96	peak
2	*	11570.021	65.32	-19.96	45.36	54.00	-8.64	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5825MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11650.214	78.25	-19.93	58.32	68.30	-9.98	peak
2	*	11650.223	66.28	-19.93	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT20) Mode 5825MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11650.021	77.24	-19.93	57.31	68.30	-10.99	peak
2	*	11650.051	65.24	-19.93	45.31	54.00	-8.69	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5755MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11510.011	78.31	-19.98	58.33	68.30	-9.97	peak
2	*	11510.015	65.33	-19.98	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5755MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11510.014	79.33	-19.98	59.35	68.30	-8.95	peak
2	*	11510.024	67.33	-19.98	47.35	54.00	-6.65	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)



<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5795MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11590.022	78.67	-19.96	58.71	68.30	-9.59	peak
2	*	11590.214	65.30	-19.96	45.34	54.00	-8.66	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5795MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11590.021	77.96	-19.96	58.00	68.30	-10.30	peak
2	*	11590.321	66.28	-19.96	46.32	54.00	-7.68	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5755MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11510.022	78.22	-19.98	58.24	68.30	-10.06	peak
2	*	11510.211	65.34	-19.98	45.36	54.00	-8.64	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5755MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11510.012	78.34	-19.98	58.36	68.30	-9.94	peak
2	*	11510.024	67.33	-19.98	47.35	54.00	-6.65	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5795MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11590.024	79.30	-19.96	59.34	68.30	-8.96	peak
2	*	11590.051	65.32	-19.96	45.36	54.00	-8.64	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT40) Mode 5795MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		11590.124	79.30	-19.96	59.34	68.30	-8.96	peak
2	*	11590.141	67.31	-19.96	47.35	54.00	-6.65	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11ac(VHT80) Mode 5775MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11550.023	78.22	-19.97	58.25	68.30	-10.05	peak
2	*	11550.214	66.30	-19.97	46.33	54.00	-7.67	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)

<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Vertical		
<b>Test Mode:</b>	TX 802.11ac(VHT80) Mode 5775MHz (U-NII-3)		
<b>Remark:</b>	No report for the emission which more than 20 dB below the prescribed limit.		

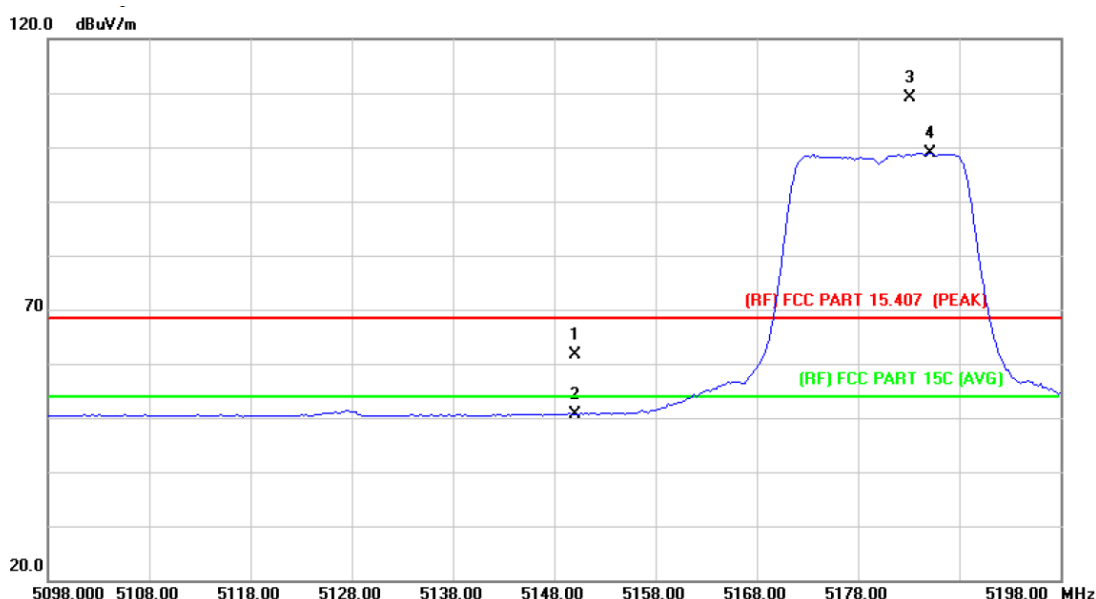
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	
1		11550.021	79.29	-19.97	59.32	68.30	-8.98	peak
2	*	11550.214	66.30	-19.97	46.33	54.00	-7.67	AVG

**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)

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

## (1) Radiation Test

Temperature:	25 °C	Relative Humidity:	55%
Test Voltage:	DC 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5180 MHz (U-NII-1)		
Remark:			

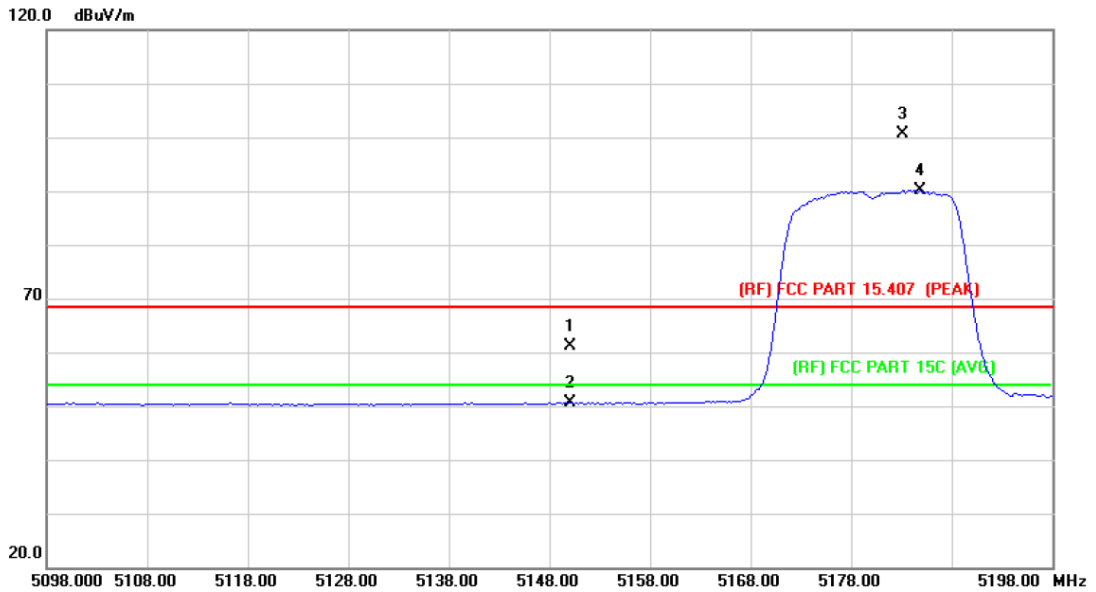


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	46.85	14.67	61.52	68.30	-6.78	peak
2		5150.000	36.05	14.67	50.72	54.00	-3.28	AVG
3	X	5183.200	94.33	14.73	109.06	Fundamental Frequency		peak
4	*	5185.200	84.21	14.73	98.94	Fundamental Frequency		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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5180 MHz (U-NII-1)		
Remark:			

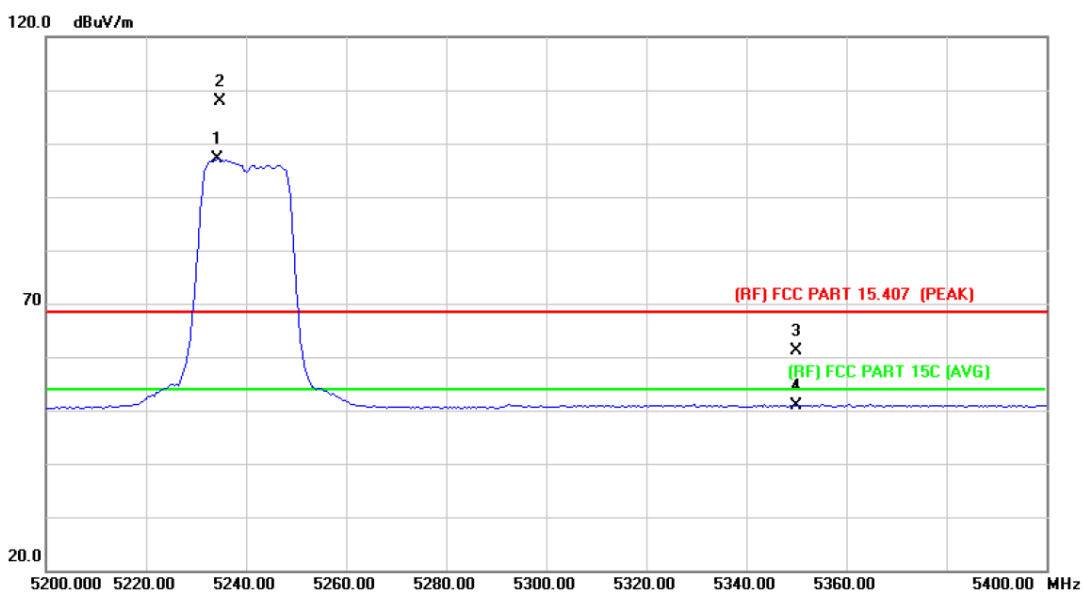


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	46.58	14.67	61.25	68.30	-7.05	peak
2		5150.000	35.95	14.67	50.62	54.00	-3.38	AVG
3	X	5183.200	85.92	14.73	100.65	Fundamental Frequency		peak
4	*	5184.800	75.40	14.73	90.13	Fundamental 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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5240 MHz (U-NII-1)		
Remark:			

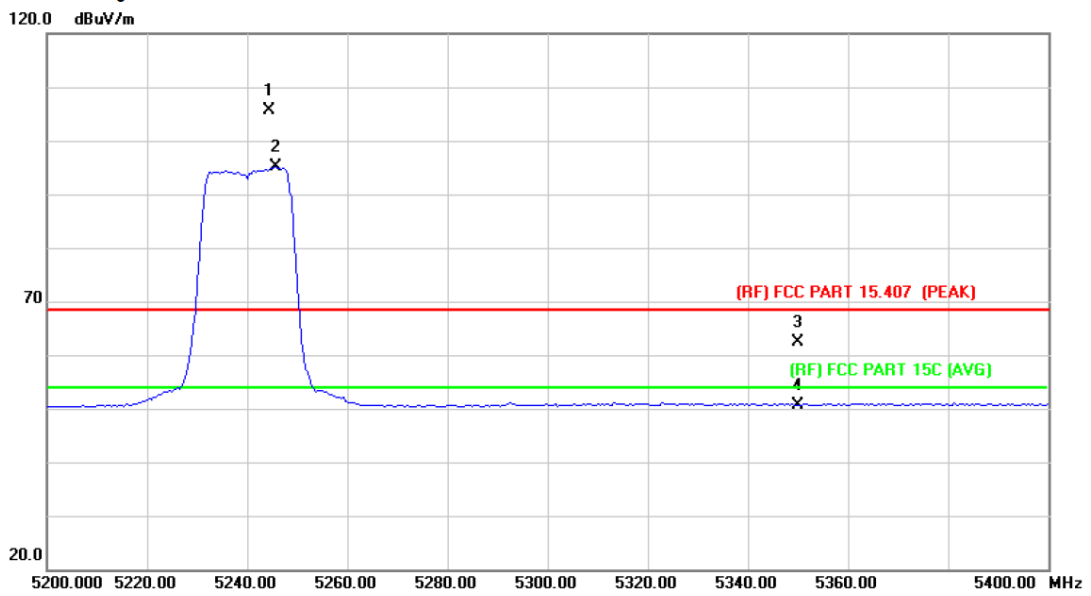


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5234.400	82.23	14.80	97.03	Fundamental Frequency		AVG
2	X	5234.800	92.99	14.80	107.79	Fundamental Frequency		peak
3		5350.000	46.07	14.97	61.04	68.30	-7.26	peak
4		5350.000	35.90	14.97	50.87	54.00	-3.13	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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5240 MHz (U-NII-1)		
Remark:			



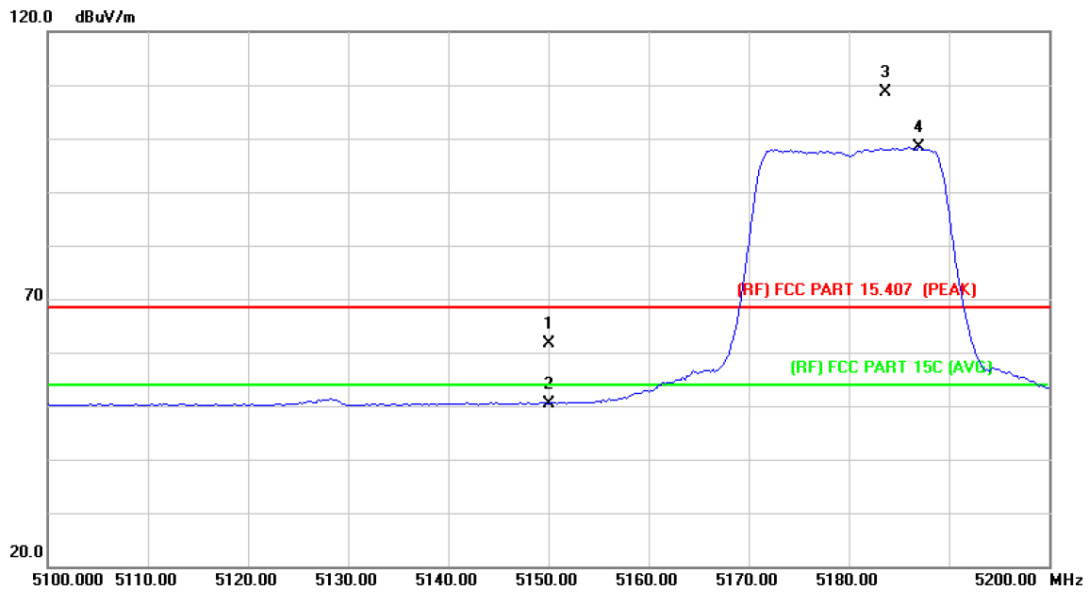
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5244.400	90.89	14.81	105.70	Fundamental Frequency		peak
2	*	5245.600	80.27	14.81	95.08	Fundamental Frequency		AVG
3		5350.000	47.29	14.97	62.26	68.30	-6.04	peak
4		5350.000	35.74	14.97	50.71	54.00	-3.29	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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5180 MHz (U-NII-1)		
Remark:			

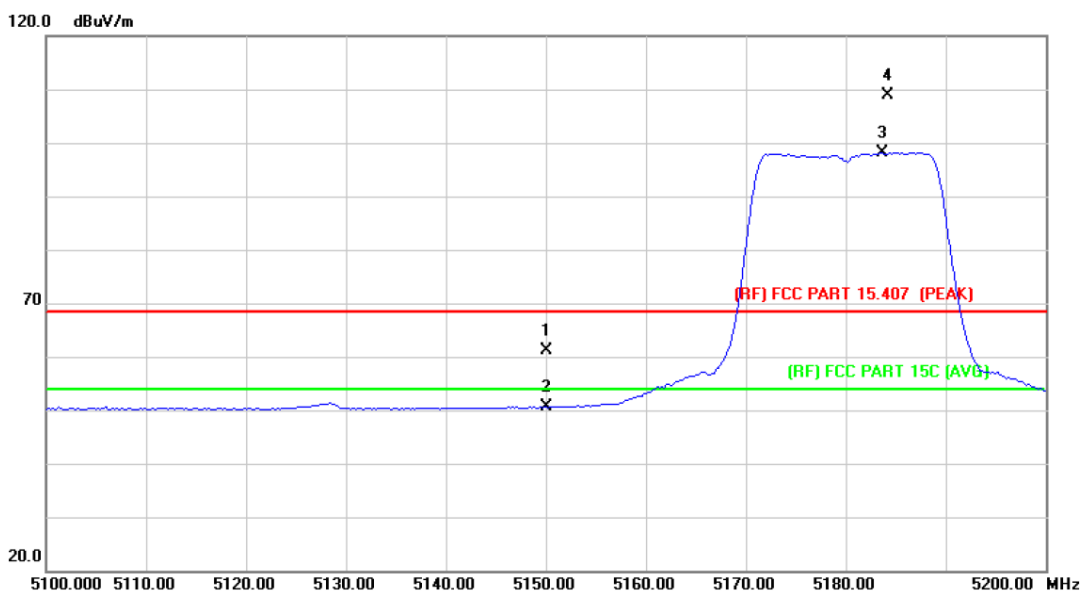


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	47.06	14.67	61.73	68.30	-6.57	peak
2		5150.000	35.81	14.67	50.48	54.00	-3.52	AVG
3	X	5183.600	93.94	14.73	108.67	Fundamental Frequency		peak
4	*	5187.000	83.63	14.73	98.36	Fundamental 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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5180 MHz (U-NII-1)		
Remark:			

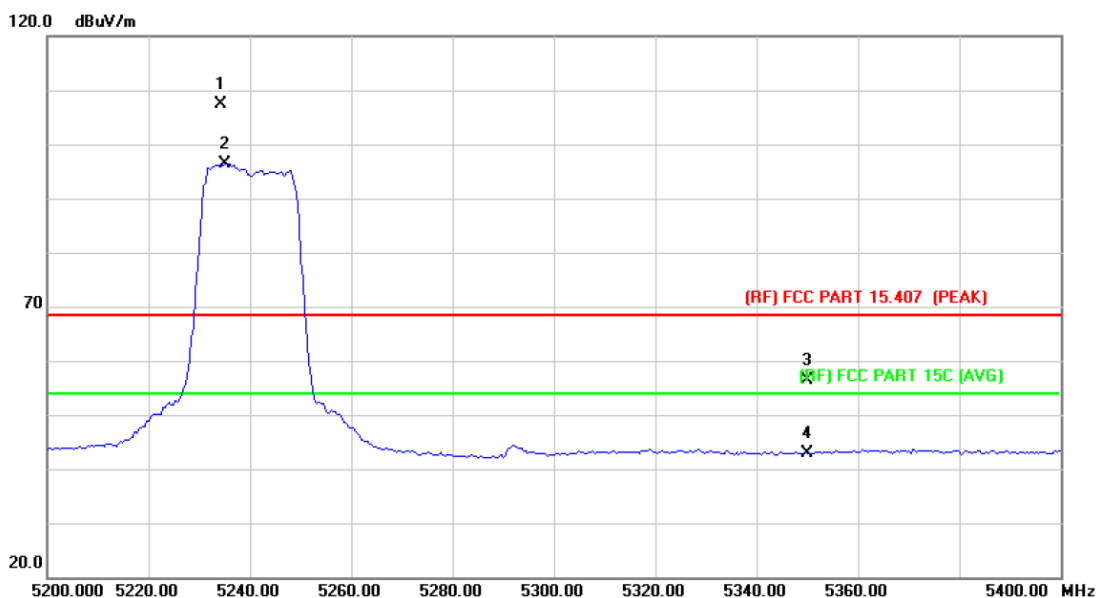


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	46.48	14.67	61.15	68.30	-7.15	peak
2		5150.000	35.84	14.67	50.51	54.00	-3.49	AVG
3	*	5183.600	83.42	14.73	98.15	Fundamental Frequency		AVG
4	X	5184.200	94.15	14.73	108.88	Fundamental 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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5240 MHz (U-NII-1)		
Remark:			

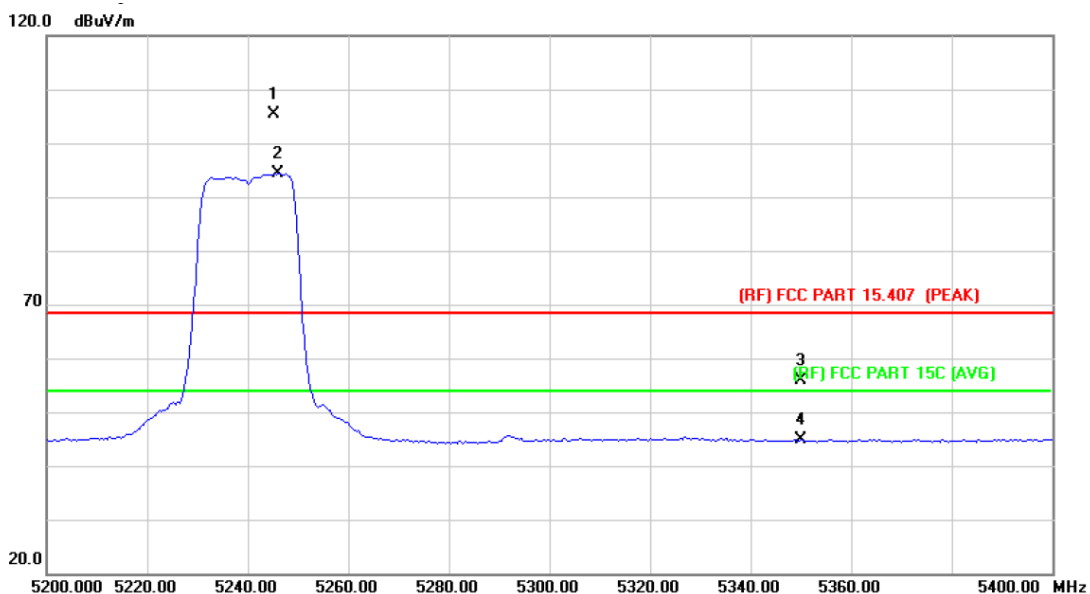


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5234.400	92.46	14.80	107.26	Fundamental Frequency		peak
2	*	5235.200	81.56	14.80	96.36	Fundamental Frequency		AVG
3		5350.000	41.30	14.97	56.27	68.30	-12.03	peak
4		5350.000	28.01	14.97	42.98	54.00	-11.02	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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5240 MHz (U-NII-1)		
Remark:			

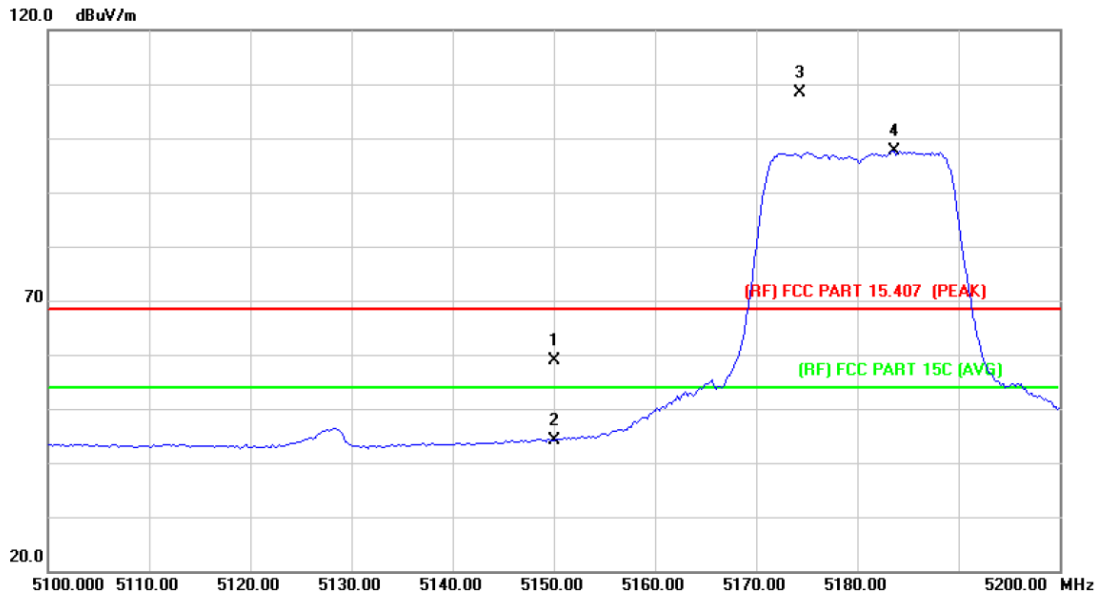


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5245.200	90.45	14.81	105.26	Fundamental Frequency		peak
2	*	5246.000	79.65	14.81	94.46	Fundamental Frequency		AVG
3		5350.000	40.81	14.97	55.78	68.30	-12.52	peak
4		5350.000	29.82	14.97	44.79	54.00	-9.21	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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT20) Mode 5180 MHz (U-NII-1)		
Remark:			

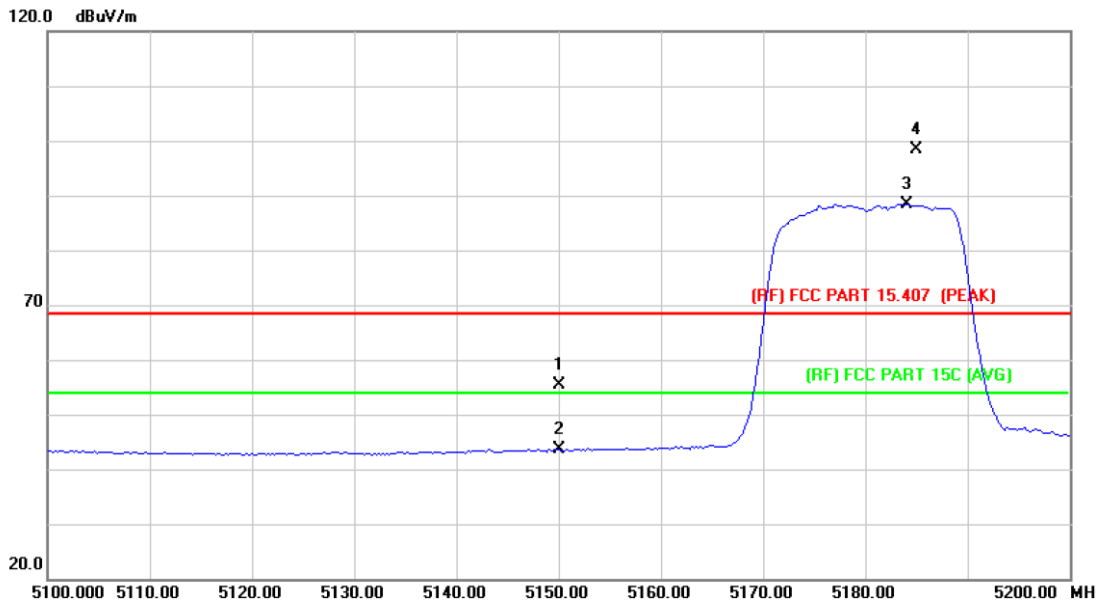


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detecto
1		5150.000	44.32	14.67	58.99	68.30	-9.31	peak
2		5150.000	29.58	14.67	44.25	54.00	-9.75	AVG
3	X	5174.400	93.75	14.70	108.45	Fundamental Frequency	5	peak
4	*	5183.600	82.87	14.73	97.60	Fundamental Frequency	0	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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5180 MHz (U-NII-1)		
Remark:			

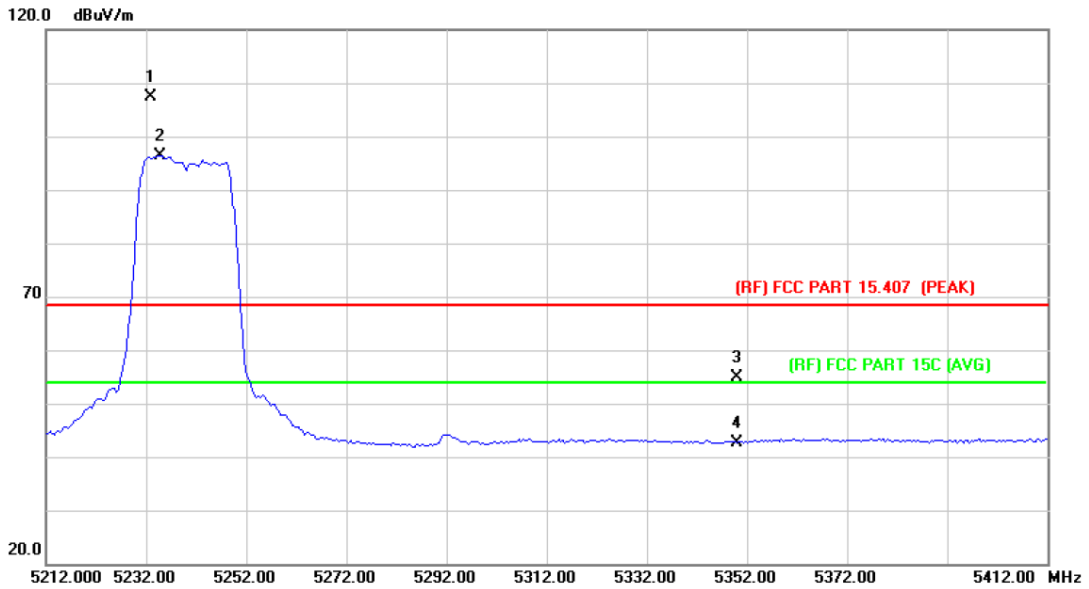


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	40.64	14.67	55.31	68.30	-12.99	peak
2		5150.000	29.00	14.67	43.67	54.00	-10.33	AVG
3	*	5184.000	73.76	14.73	88.49	Fundamental Frequency		AVG
4	X	5185.000	83.67	14.73	98.40	Fundamental Frequency		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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT20) Mode 5240 MHz (U-NII-1)		
Remark:			

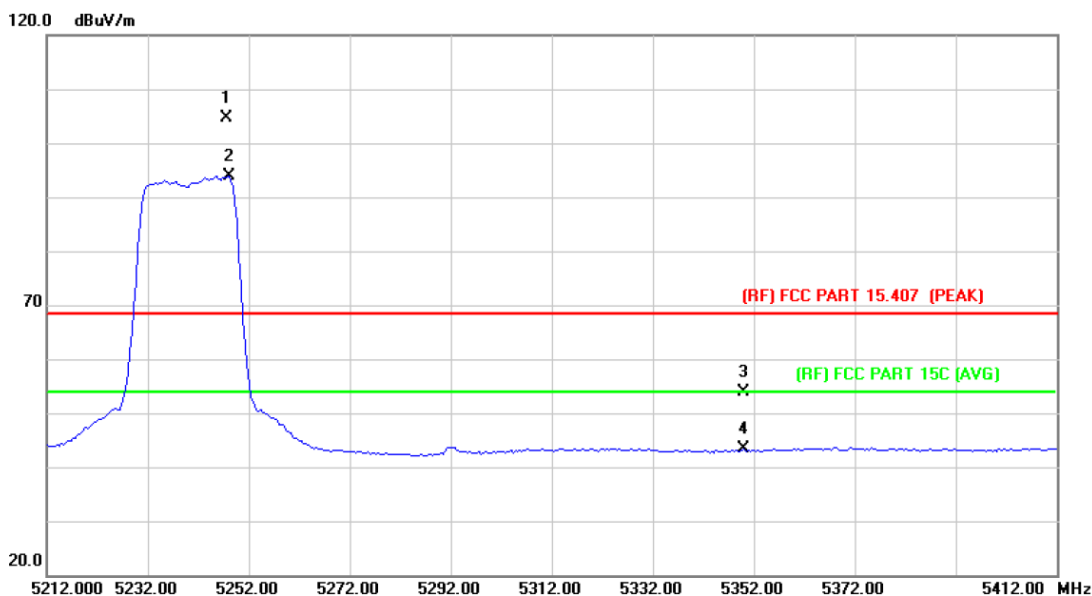


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5232.800	92.52	14.80	107.32	Fundamental Frequency		peak
2	*	5234.800	81.59	14.80	96.39	Fundamental Frequency		AVG
3		5350.000	39.84	14.97	54.81	68.30	-13.49	peak
4		5350.000	27.77	14.97	42.74	54.00	-11.26	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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5240 MHz (U-NII-1)		
Remark:			



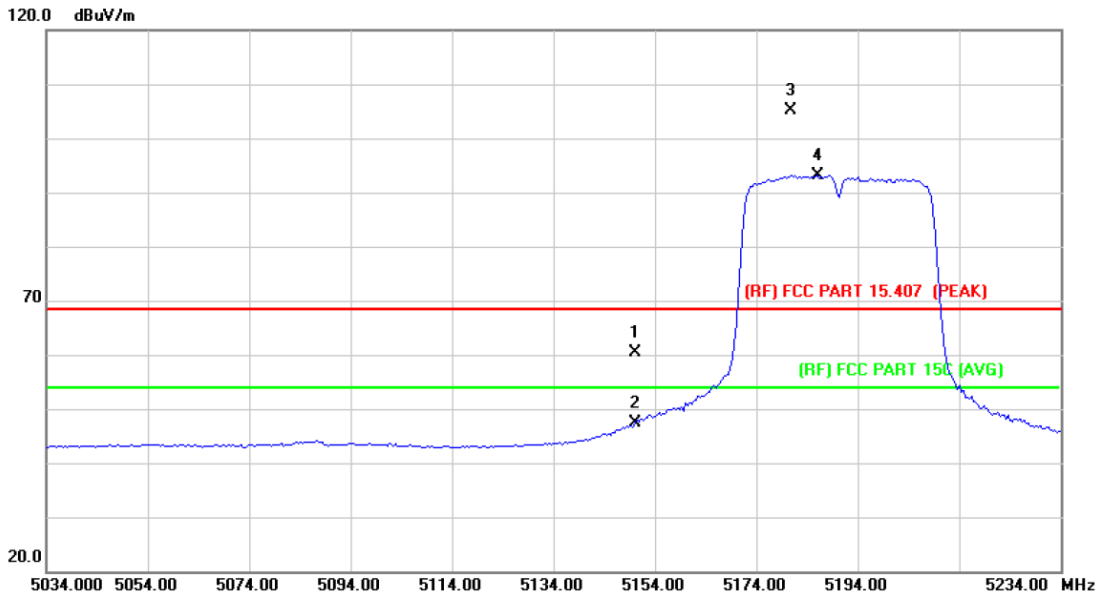
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5247.600	89.70	14.82	104.52	Fundamental Frequency		peak
2	*	5248.000	79.07	14.82	93.89	Fundamental Frequency		AVG
3		5350.000	38.86	14.97	53.83	68.30	-14.47	peak
4		5350.000	28.35	14.97	43.32	54.00	-10.68	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)



<b>Temperature:</b>	25 °C	<b>Relative Humidity:</b>	55%
<b>Test Voltage:</b>	DC 3.85V		
<b>Ant. Pol.</b>	Horizontal		
<b>Test Mode:</b>	TX 802.11n(HT40) Mode 5190 MHz (U-NII-1)		
<b>Remark:</b>			

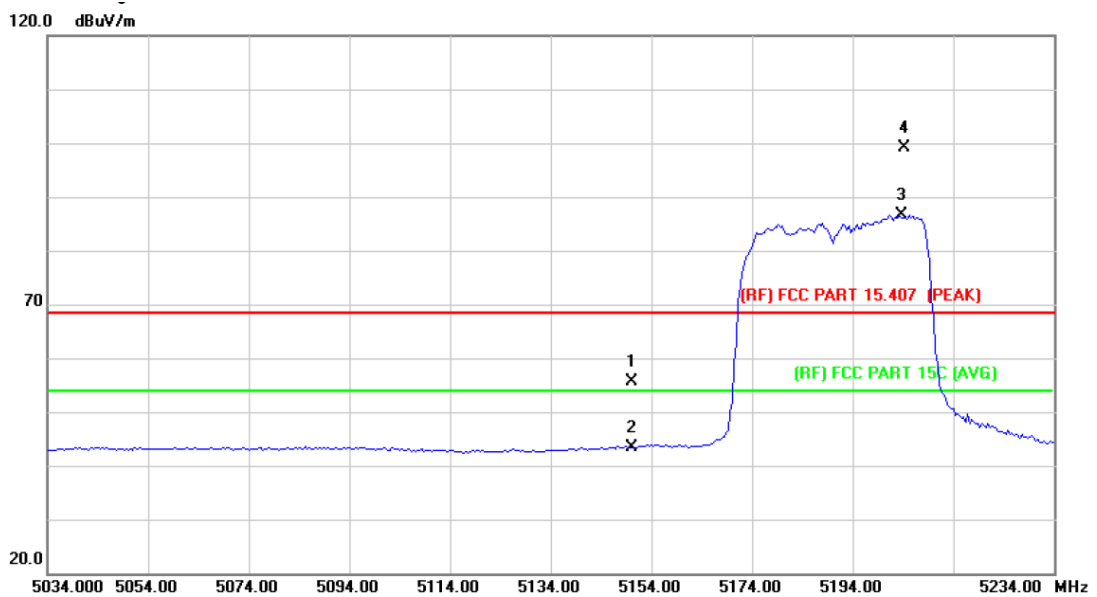


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	45.77	14.67	60.44	68.30	-7.86	peak
2		5150.000	32.62	14.67	47.29	54.00	-6.71	AVG
3	X	5180.800	90.35	14.72	105.07	Fundamental Frequency		peak
4	*	5186.000	78.48	14.73	93.21	Fundamental 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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5190 MHz (U-NII-1)		
Remark:			

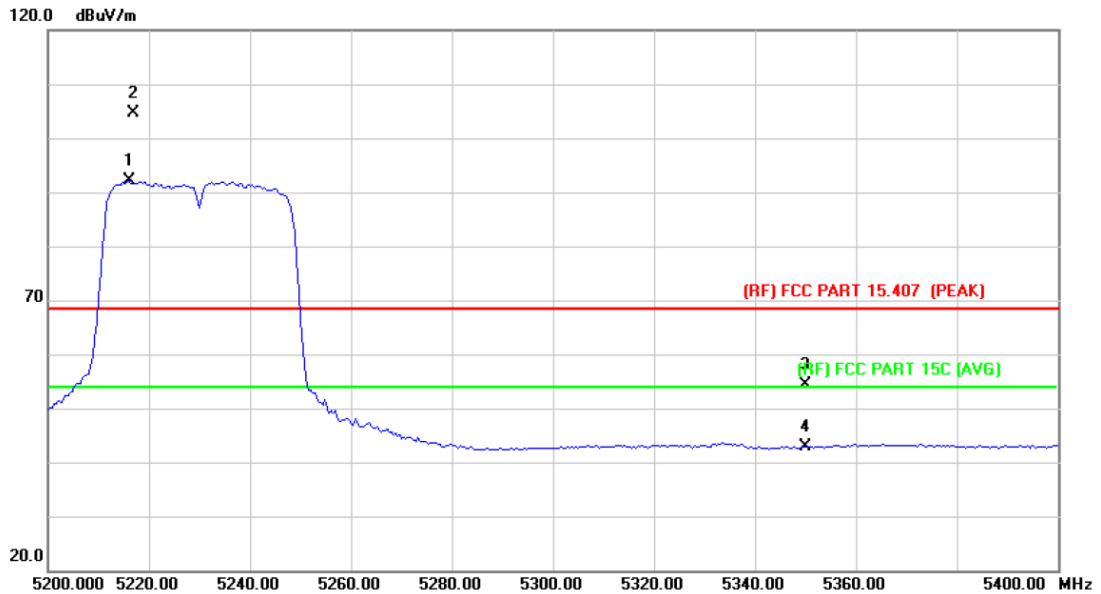


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	41.02	14.67	55.69	68.30	-12.61	peak
2		5150.000	28.78	14.67	43.45	54.00	-10.55	AVG
3	*	5203.600	71.94	14.75	86.69	Fundamental Frequency		AVG
4	X	5204.400	84.33	14.76	99.09	Fundamental 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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT40) Mode 5230 MHz (U-NII-1)		
Remark:			

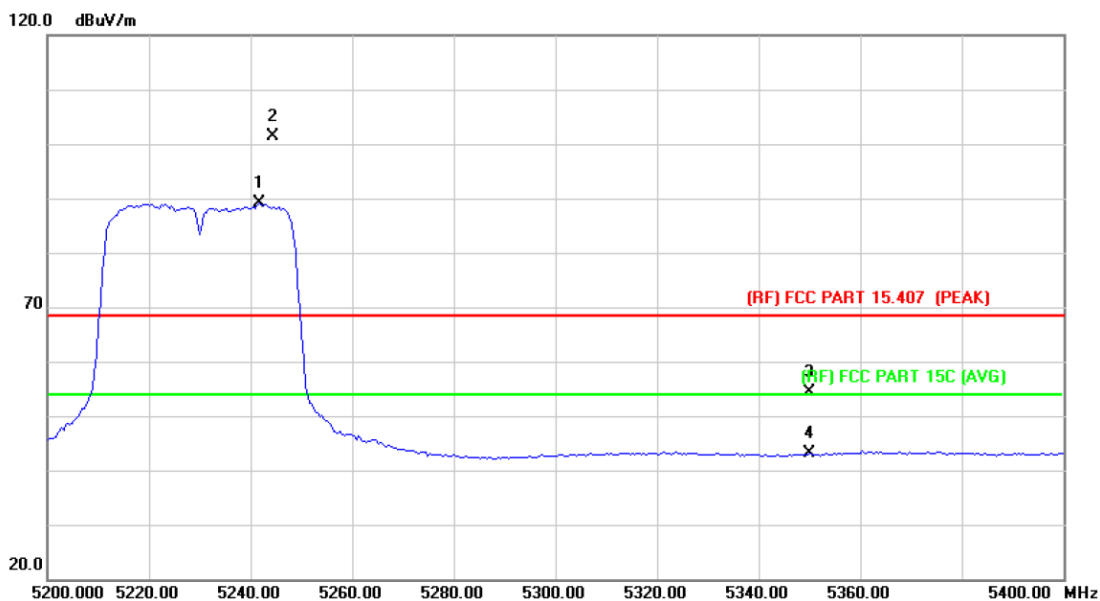


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5216.000	77.39	14.76	92.15	Fundamental Frequency		AVG
2	X	5216.800	89.96	14.76	104.72	Fundamental Frequency		peak
3		5350.000	39.47	14.97	54.44	68.30	-13.86	peak
4		5350.000	27.85	14.97	42.82	54.00	-11.18	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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT40) Mode 5230 MHz (U-NII-1)		
Remark:			

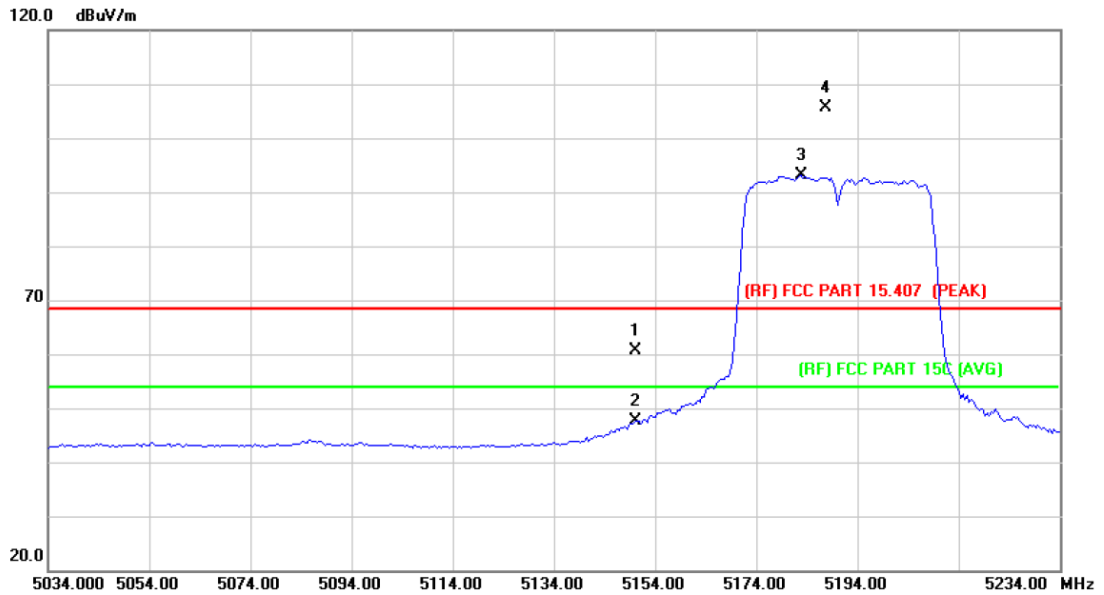


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5241.600	74.29	14.81	89.10	Fundamental Frequency		AVG
2	X	5244.400	86.47	14.81	101.28	Fundamental Frequency		peak
3		5350.000	39.49	14.97	54.46	68.30	-13.84	peak
4		5350.000	28.19	14.97	43.16	54.00	-10.84	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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT40) Mode 5190 MHz (U-NII-1)		
Remark:			

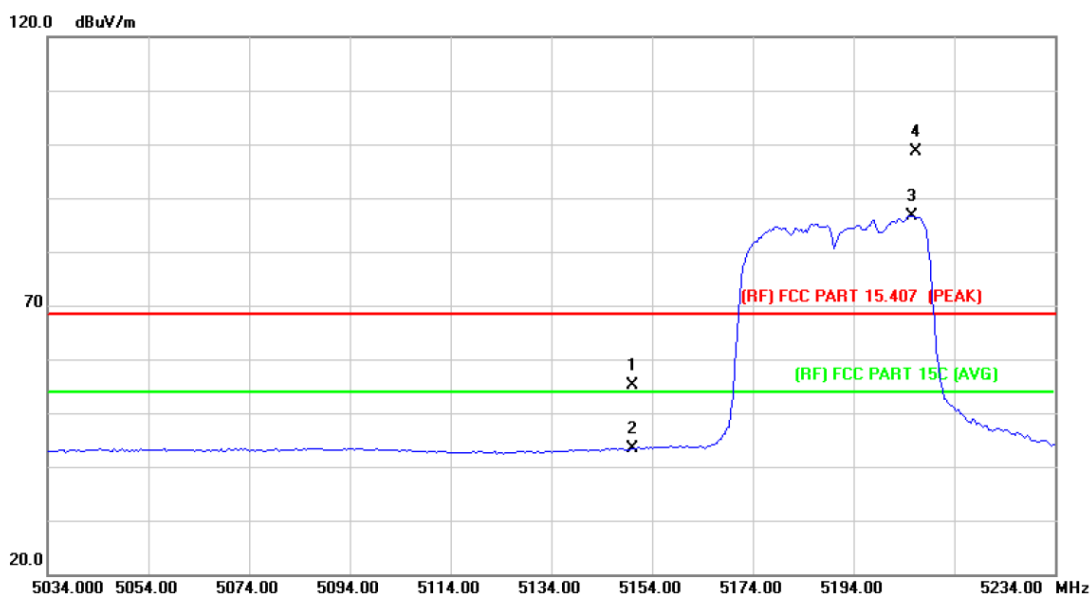


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	45.86	14.67	60.53	68.30	-7.77	peak
2		5150.000	32.85	14.67	47.52	54.00	-6.48	AVG
3	*	5182.800	78.34	14.73	93.07	Fundamental Frequency		AVG
4	X	5187.600	90.84	14.73	105.57	Fundamental 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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mode 5190 MHz (U-NII-1)		
Remark:			

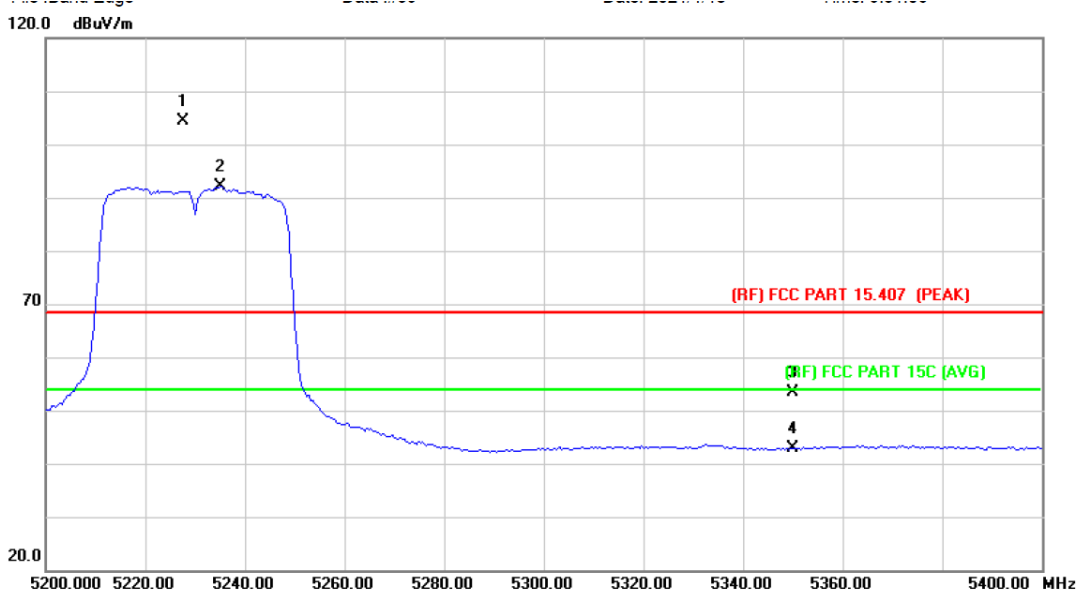


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	40.43	14.67	55.10	68.30	-13.20	peak
2		5150.000	28.69	14.67	43.36	54.00	-10.64	AVG
3	*	5205.600	71.93	14.76	86.69	Fundamental Frequency		AVG
4	X	5206.400	83.81	14.76	98.57	Fundamental 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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT40) Mode 5230 MHz (U-NII-1)		
Remark:			

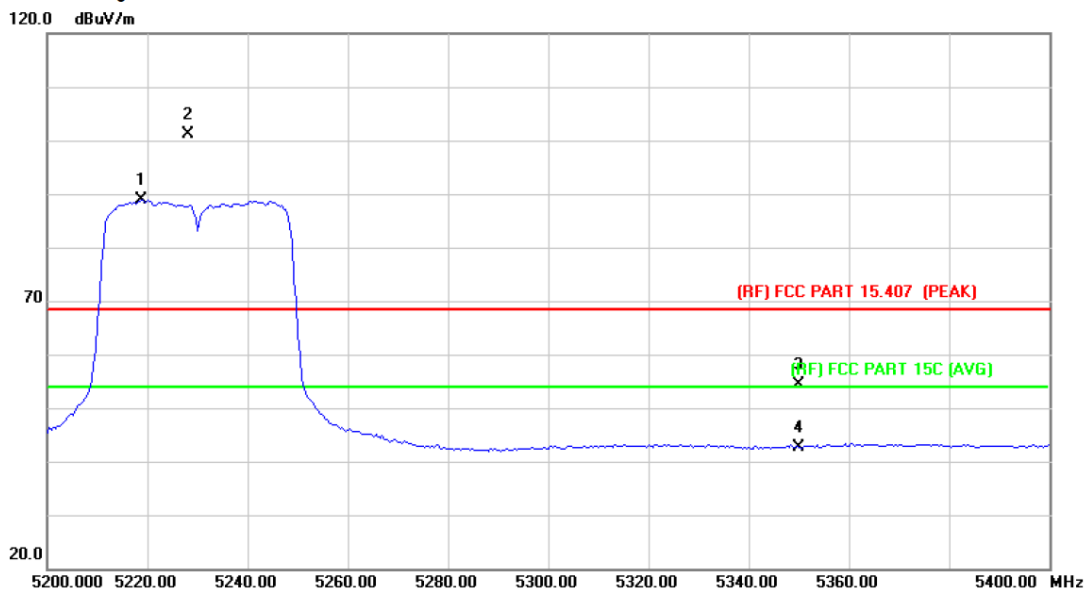


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	X	5227.600	89.51	14.79	104.30	Fundamental Frequency		peak
2	*	5235.200	77.24	14.80	92.04	Fundamental Frequency		AVG
3		5350.000	38.43	14.97	53.40	68.30	-14.90	peak
4		5350.000	27.87	14.97	42.84	54.00	-11.16	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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT40) Mode 5230 MHz (U-NII-1)		
Remark:			



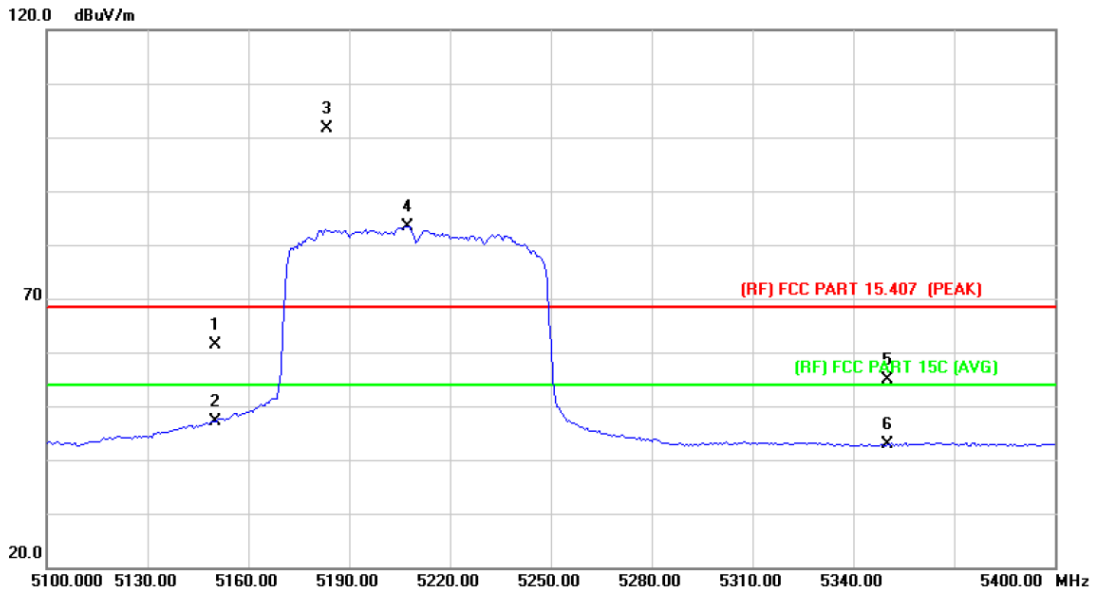
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1	*	5218.800	74.14	14.77	88.91	Fundamental Frequency		AVG
2	X	5228.000	86.27	14.79	101.06	Fundamental Frequency		peak
3		5350.000	39.35	14.97	54.32	68.30	-13.98	peak
4		5350.000	27.65	14.97	42.62	54.00	-11.38	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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT80) Mode 5210 MHz (U-NII-1)		
Remark:			

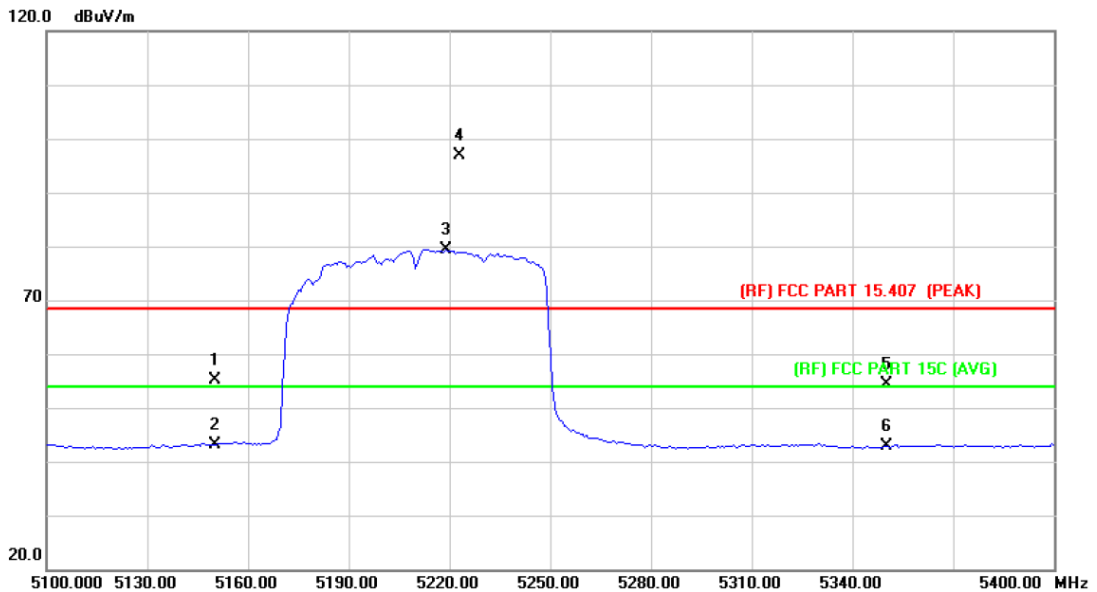


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	46.64	14.67	61.31	68.30	-6.99	peak
2		5150.000	32.38	14.67	47.05	54.00	-6.95	AVG
3	*	5183.400	86.92	14.73	101.65	Fundamental Frequency		peak
4	X	5207.400	68.60	14.76	83.36	Fundamental Frequency		AVG
5		5350.000	39.88	14.97	54.85	68.30	-13.45	peak
6		5350.000	27.95	14.97	42.92	54.00	-11.08	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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT80) Mode 5210 MHz (U-NII-1)		
Remark:			

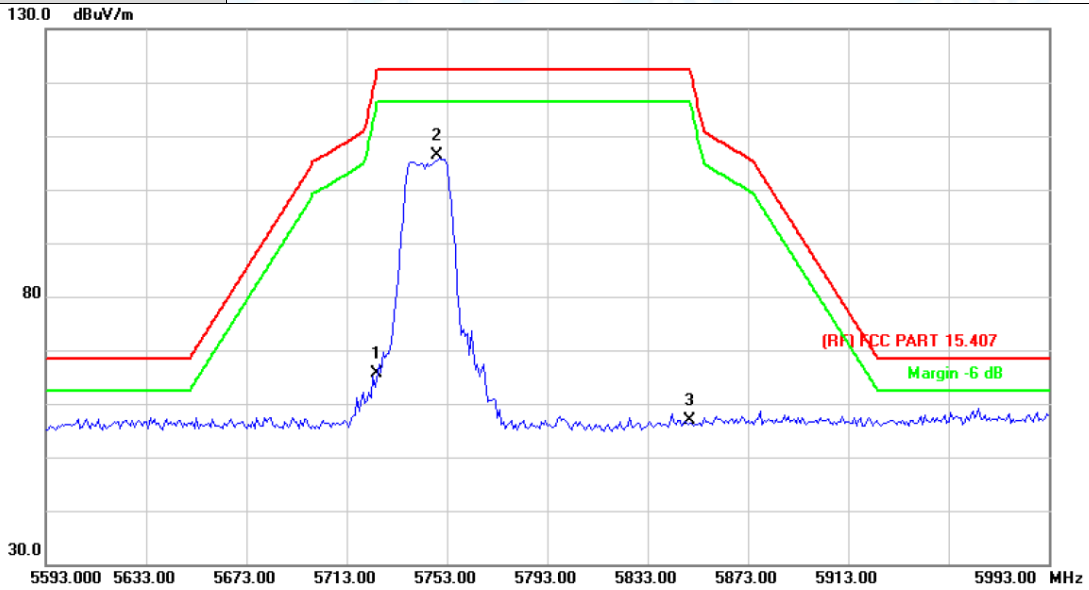


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5150.000	40.39	14.67	55.06	68.30	-13.24	peak
2		5150.000	28.54	14.67	43.21	54.00	-10.79	AVG
3	X	5218.800	64.64	14.77	79.41	Fundamental Frequency		AVG
4	*	5223.000	82.03	14.78	96.81	Fundamental Frequency		peak
5		5350.000	39.35	14.97	54.32	68.30	-13.98	peak
6		5350.000	27.93	14.97	42.90	54.00	-11.10	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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5745 MHz (U-NII-3)		
Remark:			

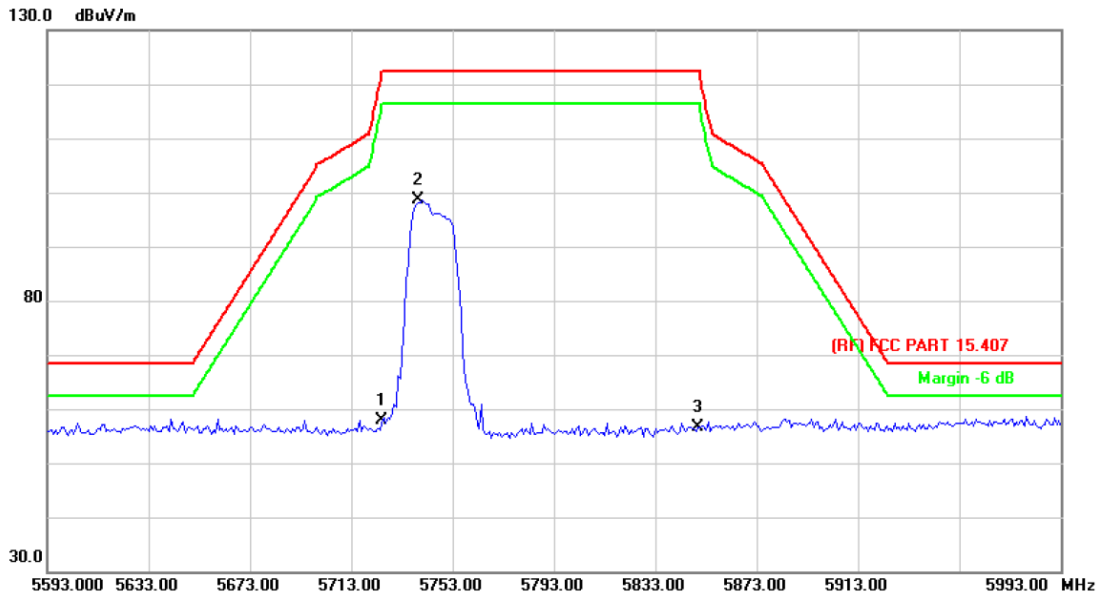


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	49.83	15.88	65.71	122.30	-56.59	peak
2	*	5749.000	90.51	15.96	106.47	122.30	-15.83	peak
3		5850.000	40.61	16.27	56.88	122.30	-65.42	peak

**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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5745 MHz (U-NII-3)		
Remark:			

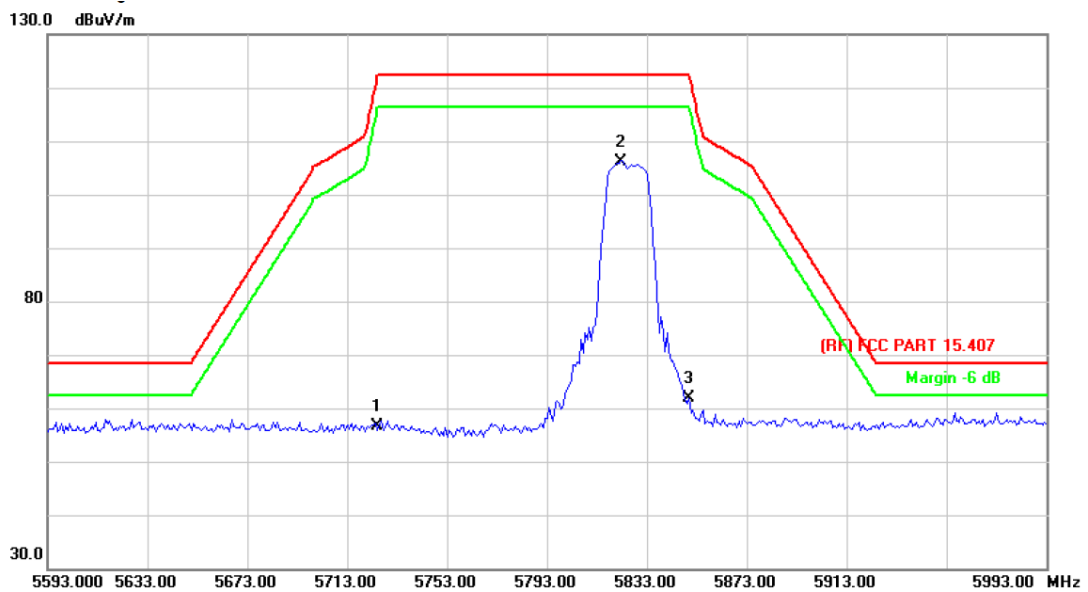


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	41.91	15.88	57.79	122.30	-64.51	peak
2	*	5739.400	82.77	15.92	98.69	122.30	-23.61	peak
3		5850.000	40.41	16.27	56.68	122.30	-65.62	peak

**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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11a Mode 5825 MHz (U-NII-3)		
Remark:			

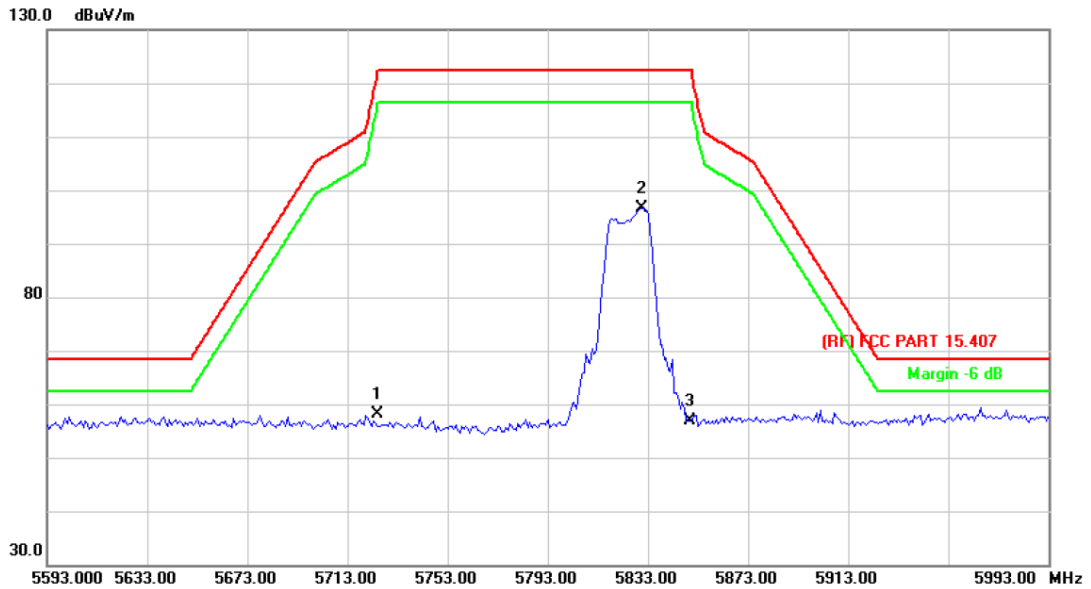


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	40.64	15.88	56.52	122.30	-65.78	peak
2	*	5822.600	90.07	16.18	106.25	122.30	-16.05	peak
3		5850.000	45.56	16.27	61.83	122.30	-60.47	peak

**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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11a Mode 5825 MHz (U-NII-3)		
Remark:			

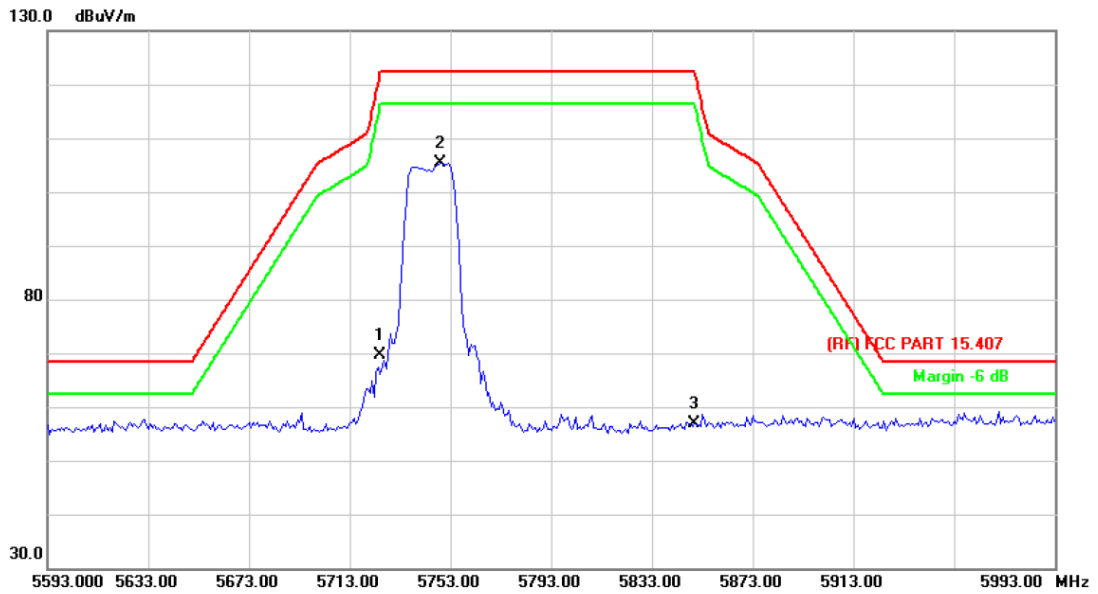


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	42.18	15.88	58.06	122.30	-64.24	peak
2	*	5830.600	80.45	16.21	96.66	122.30	-25.64	peak
3		5850.000	40.49	16.27	56.76	122.30	-65.54	peak

**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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5745 MHz (U-NII-3)		
Remark:			

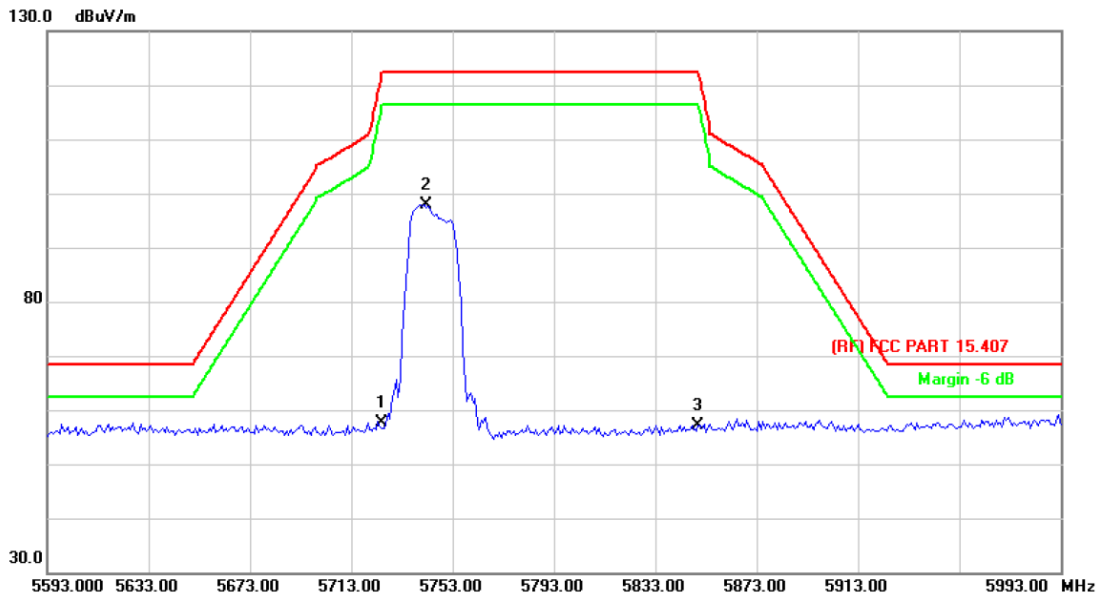


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	53.66	15.88	69.54	122.30	-52.76	peak
2	*	5749.000	89.50	15.96	105.46	122.30	-16.84	peak
3		5850.000	40.60	16.27	56.87	122.30	-65.43	peak

**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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5745 MHz (U-NII-3)		
Remark:			



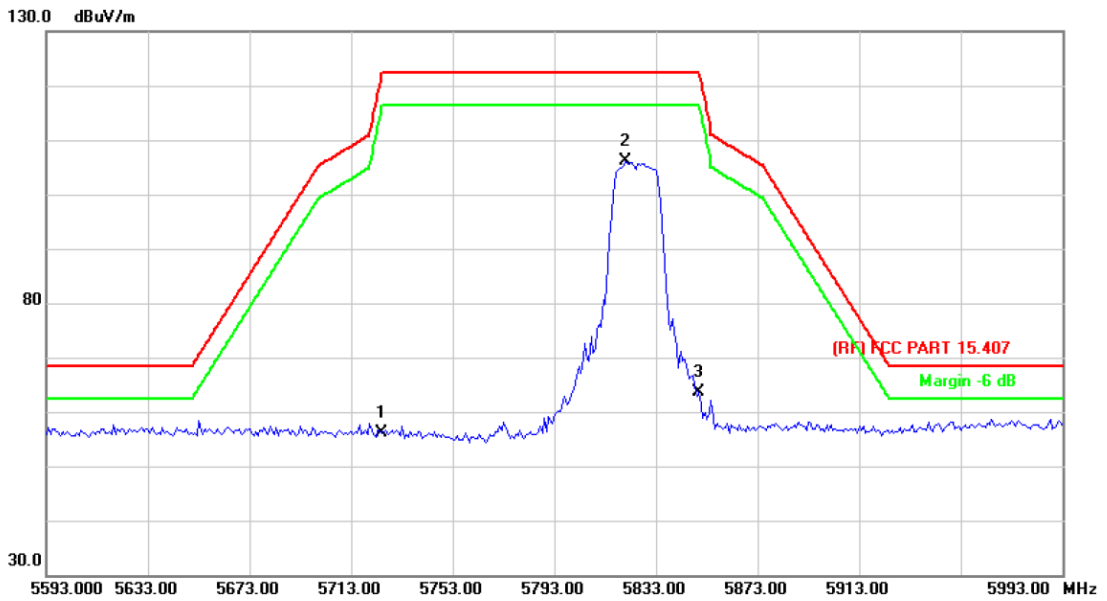
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	41.66	15.88	57.54	122.30	-64.76	peak
2	*	5742.600	81.99	15.94	97.93	122.30	-24.37	peak
3		5850.000	40.88	16.27	57.15	122.30	-65.15	peak

**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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11n(HT20) Mode 5825 MHz (U-NII-3)		
Remark:			

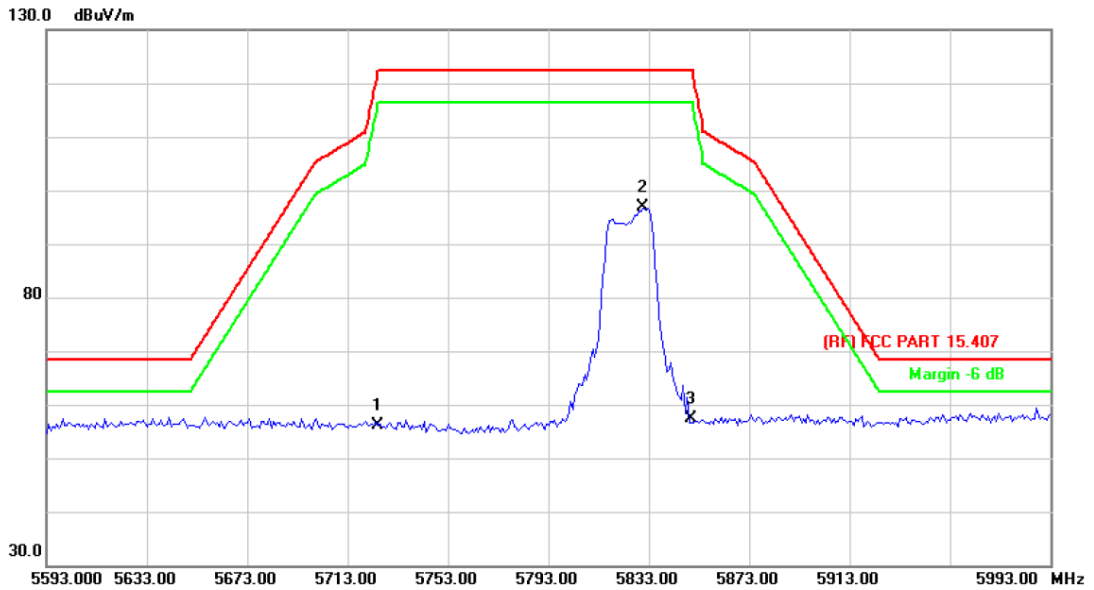


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	40.15	15.88	56.03	122.30	-66.27	peak
2	*	5821.000	89.87	16.18	106.05	122.30	-16.25	peak
3		5850.000	47.33	16.27	63.60	122.30	-58.70	peak

**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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11n(HT20) Mode 5825 MHz (U-NII-3)		
Remark:			

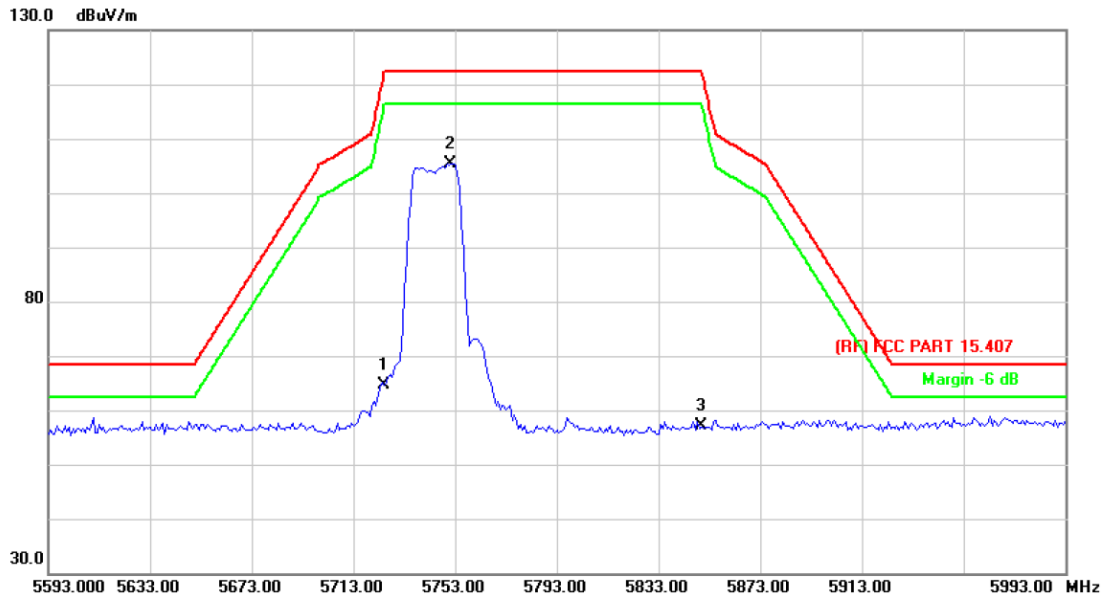


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	40.33	15.88	56.21	122.30	-66.09	peak
2	*	5830.600	80.65	16.21	96.86	122.30	-25.44	peak
3		5850.000	41.19	16.27	57.46	122.30	-64.84	peak

**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 3.85V		
Ant. Pol.	Horizontal		
Test Mode:	TX 802.11ac(VHT20) Mode 5745 MHz (U-NII-3)		
Remark:			

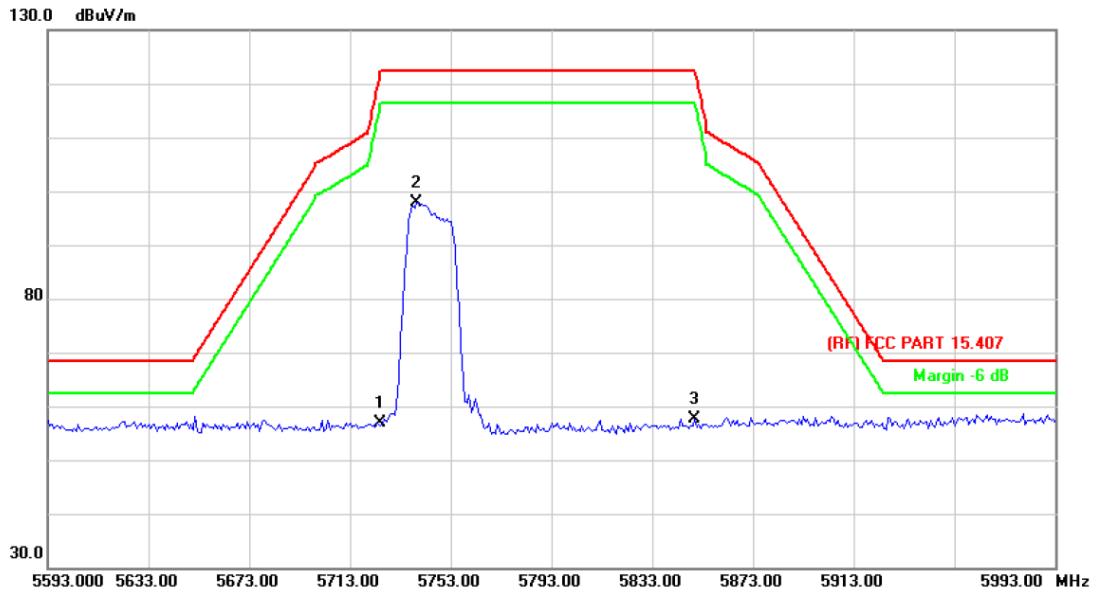


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	48.87	15.88	64.75	122.30	-57.55	peak
2	*	5751.400	89.50	15.96	105.46	122.30	-16.84	peak
3		5850.000	40.87	16.27	57.14	122.30	-65.16	peak

**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 3.85V		
Ant. Pol.	Vertical		
Test Mode:	TX 802.11ac(VHT20) Mode 5745 MHz (U-NII-3)		
Remark:			

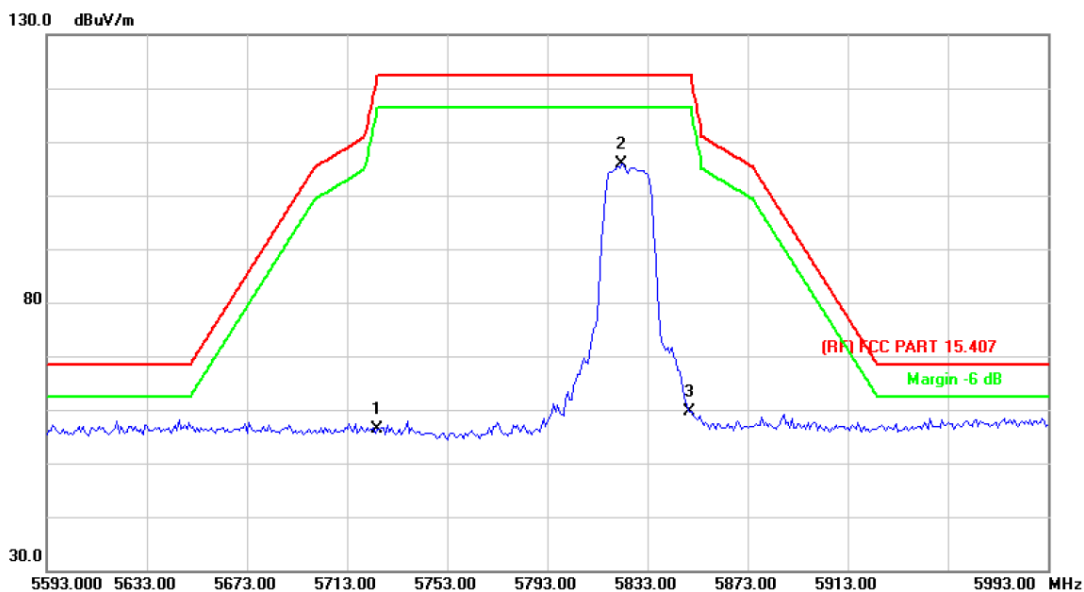


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		5725.000	41.01	15.88	56.89	122.30	-65.41	peak
2	*	5739.400	81.84	15.92	97.76	122.30	-24.54	peak
3		5850.000	41.30	16.27	57.57	122.30	-64.73	peak

**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 3.85V		
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	40.38	15.88	56.26	122.30	-66.04	peak
2	*	5822.600	89.59	16.18	105.77	122.30	-16.53	peak
3		5850.000	43.37	16.27	59.64	122.30	-62.66	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)