

**FCC PART 15 SUBPART E TEST REPORT**

**for**

**Notebook computer**

**Model No.: RW14**

**FCC ID: IR5RW14**

**of**

**Applicant: MilDef Crete Inc.**

**Address: 7F, No. 250, Sec.3, Pei Shen Rd., Shen Keng District, New Taipei  
City, Taiwan R.O.C.**

**Tested and Prepared**

**by**

**Worldwide Testing Services (Taiwan) Co., Ltd.**

**FCC Registration No.: TW1477, TW0020, TW1072**

**Industry Canada filed test laboratory Reg. No. 20037**

**A2LA Accredited No.: 2732.01**



**Report No.: W6M21911-19475-C-54**

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Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14

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## **1 General Information**

### **1.1 Notes**

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.

The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.

Furthermore, there is no guarantee that a test sample which has passed all the relevant tests conforms to a specification.

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems. The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications equipment.

The test results of this test report relate exclusively to the item tested as specified in 1.5.

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#### **Specific Conditions:**

Usage of the hereunder tested device in combination with other integrated or external antennas requires at least additional output power measurements, spurious emission measurements, conducted emission measurements (AC supply lines) and radio frequency exposure evaluations for each individual configuration performed, for certification by FCC.

Tester:

February 12, 2020

Kent Lin

Date

WTS-Lab.

Name

Signature

#### **Technical responsibility for area of testing:**

February 12, 2020

Kevin Wang

Date

WTS

Name

Signature



# **Worldwide Testing Services(Taiwan) Co., Ltd.**

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## **1.2 Testing laboratory**

### **1.2.1 Location**

OATS

No.5-1, Lishui, Shuang Sing Village,  
Wanli Dist., New Taipei City 207,  
Taiwan (R.O.C.)

3 meter semi-anechoic chamber

No.35, Aly. 21, Ln. 228, Ankang Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

TEL:886-2-6613-0228

FAX:886-2-2791-5046

Company

Worldwide Testing Services(Taiwan) Co., Ltd.

6F, NO. 58, LANE 188, RUEY-KUANG RD.

NEIHU, TAIPEI 114, TAIWAN R.O.C.

Tel : 886-2-66068877

Fax : 886-2-66068879

### **1.2.2 Details of accreditation status**

Accredited testing laboratory

A2LA accredited number: 2732.01

FCC filed test laboratory Reg. No. TW1477, TW0020, TW1072

Industry Canada filed test laboratory Reg. No. 20037

**Test location, where different from Worldwide Testing Services (Taiwan) Co., Ltd. :**

Name: ./.

Accredited number: ./.

Street: ./.

Town: ./.

Country: ./.

Telephone: ./.

Fax: ./.

## **1.3 Details of approval holder**

Name: MilDef Crete Inc.

Street: 7F, No. 250, Sec.3, Pei Shen Rd., Shen Keng District,

Town: New Taipei City,

Country: Taiwan R.O.C.

Telephone: +886-2-2662-6074

Fax: +886-2-2662-6079

## **1.4 Application details**

Date of receipt of test item: November 08, 2019

Date of test: from November 11, 2019 to February 12, 2020



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## **1.5 General information of Test item**

|                             |                   |
|-----------------------------|-------------------|
| Type of test item:          | Notebook computer |
| Model Number:               | RW14              |
| Brand Name:                 | MilDef Crete      |
| Multi-listing model number: | ./.               |
| Photos:                     | see Appendix      |

### **Technical data**

Frequency band: Band 1: 5.150 GHz-5.250 GHz, Band 4: 5.725 GHz-5.850 GHz

#### **Band 1**

802.11a: Low Channel (CH36): 5180 MHz  
Middle Channel (CH44): 5220 MHz  
High Channel (CH48): 5240 MHz

802.11n 20MHz: Low Channel (CH36): 5180 MHz  
Middle Channel (CH44): 5220 MHz  
High Channel (CH48): 5240 MHz

802.11n 40MHz: Low Channel (CH38): 5190 MHz  
High Channel (CH46): 5230 MHz

802.11ac 80MHz: CH42: 5210 MHz

#### **Band 4**

802.11a: Low Channel (CH149): 5745 MHz  
Middle Channel (CH157): 5785 MHz  
High Channel (CH165): 5825 MHz

802.11n 20MHz: Low Channel (CH149): 5745 MHz  
Middle Channel (CH157): 5785 MHz  
High Channel (CH165): 5825 MHz

802.11n 40MHz: Low Channel (CH151): 5755 MHz  
High Channel (CH159): 5795 MHz

802.11ac 80MHz: CH155: 5775 MHz



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

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## **Band 1**

Numbers of channel: 802.11a: 4 channels  
802.11n 20 MHz: 4 channels  
802.11n 40 MHz: 2 channels  
802.11ac 80 MHz: 1 channel

## **Band 4**

Numbers of channel: 802.11a: 5 channels  
802.11n 20 MHz: 5 channels  
802.11n 40 MHz: 2 channels  
802.11ac 80 MHz: 1 channel

Operating modes: Duplex

Type of modulation: OFDM/DSSS

Fixed point to point operation: Yes / No

Antenna: PIFA antenna

Antenna gain: Band 1: ANT 1: 2.07 dBi, ANT 2: 0.65 dBi  
Band 4: ANT 1: 1.77 dBi, ANT 2: 1.32 dBi

Directional gain: Band 1: 4.4 dBi, Band 4: 4.56 dBi

Power supply: Adaptor: I/P: 100-240V~50-60Hz  
O/P: 19V, 10.5A  
Battery: 10.8V, 6900mAh, 74.52Wh

## **Band 1**

Emission designator: 802.11a: 17M2D1D  
802.11n 20 MHz: 18M3D1D  
802.11n 40 MHz: 36M7D1D  
802.11ac 80 MHz: 75M0D1D

## **Band 4**

Emission designator: 802.11a: 16M7D1D  
802.11n 20 MHz: 17M9D1D  
802.11n 40 MHz: 36M5D1D D  
802.11ac 80 MHz: 75M6D1D

Note: Tests were performed under worst case mode 802.11a 6 Mbps, 802.11n 20MHz(MCS0), 802.11n 40MHz(MCS0) and 802.11ac 80MHz(MCS0).



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Classification:

|                                              |                                     |
|----------------------------------------------|-------------------------------------|
| Fixed Device                                 | <input type="checkbox"/>            |
| Mobile Device (Human Body distance > 20cm)   | <input checked="" type="checkbox"/> |
| Portable Device (Human Body distance < 20cm) | <input type="checkbox"/>            |
| Modular Radio Device                         | <input type="checkbox"/>            |

Note: This device was functioned as a ☐Master ☐Slave device during the DFS

Manufacturer: (if applicable)

Name: ./.  
Street: ./.  
Town: ./.  
Country: ./.

|                   |                     | ANT 1  | ANT 2  |
|-------------------|---------------------|--------|--------|
|                   |                     |        |        |
| 5.15 GHz~5.25 GHz | IEEE 802.11 a       | Mode A | Mode A |
|                   | IEEE 802.11 n(20M)  | Mode B | Mode B |
|                   | IEEE 802.11 n(40M)  | Mode C | Mode C |
|                   | IEEE 802.11 ac(80M) | Mode D | Mode D |
| 5.725 GHz~5.85GHz | IEEE 802.11 a       | Mode E | Mode E |
|                   | IEEE 802.11 n(20M)  | Mode F | Mode F |
|                   | IEEE 802.11 n(40M)  | Mode G | Mode G |
|                   | IEEE 802.11 ac(80M) | Mode H | Mode H |



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**Transmitter**  
**Antenna 1**  
**Band 1**

**Unom**

**Mode A (OFDM)**

|                      |                     |
|----------------------|---------------------|
| Power ( ch 36 or A): | Conducted: 6.34 dBm |
| Power ( ch 44 or B): | Conducted: 6.10 dBm |
| Power ( ch 48 or C): | Conducted: 5.67 dBm |

**Mode B (OFDM)**

|                      |                     |
|----------------------|---------------------|
| Power ( ch 36 or A): | Conducted: 3.83 dBm |
| Power ( ch 44 or B): | Conducted: 3.51 dBm |
| Power ( ch 48 or C): | Conducted: 3.27 dBm |

**Mode C (OFDM)**

|                      |                     |
|----------------------|---------------------|
| Power ( ch 38 or A): | Conducted: 3.48 dBm |
| Power ( ch 46 or B): | Conducted: 3.32 dBm |

**Mode D (OFDM)**

|                      |                     |
|----------------------|---------------------|
| Power ( ch 42 or A): | Conducted: 3.42 dBm |
|----------------------|---------------------|

**Band 4**

**Mode E (OFDM)**

|                       |                      |
|-----------------------|----------------------|
| Power ( ch 149 or A): | Conducted: 0.95 dBm  |
| Power ( ch 157 or B): | Conducted: 1.02 dBm  |
| Power ( ch 165 or C): | Conducted: -0.05 dBm |

**Mode F (OFDM)**

|                       |                      |
|-----------------------|----------------------|
| Power ( ch 149 or A): | Conducted: -2.42 dBm |
| Power ( ch 157 or B): | Conducted: -1.80 dBm |
| Power ( ch 165 or C): | Conducted: -3.50 dBm |

**Mode G (OFDM)**

|                       |                      |
|-----------------------|----------------------|
| Power ( ch 151 or A): | Conducted: -1.91 dBm |
| Power ( ch 159 or B): | Conducted: -1.96 dBm |

**Mode H (OFDM)**

|                       |                      |
|-----------------------|----------------------|
| Power ( ch 155 or A): | Conducted: -2.58 dBm |
|-----------------------|----------------------|

**Antenna 2**

**Band 1**

**Mode A (OFDM)**

|                      |                     |
|----------------------|---------------------|
| Power ( ch 36 or A): | Conducted: 2.75 dBm |
| Power ( ch 44 or B): | Conducted: 2.84 dBm |
| Power ( ch 48 or C): | Conducted: 3.64 dBm |



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## **Mode B (OFDM)**

Power ( ch 36 or A): Conducted: 0.78 dBm

Power ( ch 44 or B): Conducted: 1.24 dBm

Power ( ch 48 or C): Conducted: 0.74 dBm

## **Mode C (OFDM)**

Power ( ch 38 or A): Conducted: 0.72 dBm

Power ( ch 46 or B): Conducted: 0.51 dBm

## **Mode D (OFDM)**

Power ( ch 42 or A): Conducted: 0.55 dBm

## **Band 4**

### **Mode E (OFDM)**

Power ( ch 149 or A): Conducted: -0.68 dBm

Power ( ch 157 or B): Conducted: 0.29 dBm

Power ( ch 165 or C): Conducted: -0.91 dBm

### **Mode F (OFDM)**

Power ( ch 149 or A): Conducted: -3.45 dBm

Power ( ch 157 or B): Conducted: -2.35 dBm

Power ( ch 165 or C): Conducted: -3.46 dBm

### **Mode G (OFDM)**

Power ( ch 151 or A): Conducted: -2.61 dBm

Power ( ch 159 or B): Conducted: -3.28 dBm

### **Mode H (OFDM)**

Power ( ch 155 or A): Conducted: -4.30 dBm



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Band 1 (5.15GHz~5.25GHz)

| Combine        | mW     |        |         | dBm    |        |         |
|----------------|--------|--------|---------|--------|--------|---------|
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 3.62   | 3.57   | 3.31    | 5.59   | 5.53   | 5.20    |
| 802.11n 40MHz  | 3.41   | --     | 3.27    | 5.33   | --     | 5.15    |
| 802.11ac 80MHz | 3.34   | --     | --      | 5.24   | --     | --      |

Band 4 (5.725GHz~5.85GHz)

| Combine        | mW     |        |         | dBm    |        |         |
|----------------|--------|--------|---------|--------|--------|---------|
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 1.02   | 1.24   | 0.90    | 0.09   | 0.93   | -0.46   |
| 802.11n 40MHz  | 1.19   | --     | 1.11    | 0.76   | --     | 0.45    |
| 802.11ac 80MHz | 0.92   | --     | --      | -0.36  | --     | --      |

## **1.6 Test standards**

Technical standard : 47 CFR FCC Part 15 Subpart E § 15.407 (2018-10)



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## **2 Technical test**

### **2.1 Summary of test results**

No deviations from the technical specification(s) were ascertained in the course of the tests performed.



**or**

The deviations were ascertained in the course of the tests performed.



### **2.2 Test environment**

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Details of power supply: Adaptor: I/P: 100-240V~50-60Hz  
O/P: 19V, 10.5A  
Battery: 10.8V, 6900mAh, 74.52Wh

| Test item Name                                                                                                                                                          | Uncertainty                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Estimation Result of Uncertainty of Conducted Emission                                                                                                                  | Expanded Uncertainty:<br>AMN: 1.06 dB<br>Voltage probe: 1.12 dB                                                   |
| Estimation Result of Uncertainty of Radiated Emission(3M)                                                                                                               | Expanded Uncertainty:<br>0.009-30 MHz: 1.88 dB<br>30-1000 MHz: 2.79 dB<br>1-18 GHz: 2.36 dB<br>18-40 GHz: 1.55 dB |
| Estimation Result of Uncertainty of Bandwidth Measurement<br>20 dB Bandwidth, Occupied bandwidth, Channel bandwidth,<br>Necessary Bandwidth                             | Expanded Uncertainty: 0.45 kHz                                                                                    |
| Estimation Result of Uncertainty of Conducted Output Power<br>Measurement Output power                                                                                  | Expanded Uncertainty: 1.14 dB                                                                                     |
| Estimation Result of Uncertainty of Power Density Measurement<br>Power density                                                                                          | Expanded Uncertainty: 1.45 dB                                                                                     |
| Estimation Result of Uncertainty of Band Edge Measurement                                                                                                               | Expanded Uncertainty: 1.01 dBc                                                                                    |
| Estimation Result of Uncertainty of Conducted Spurious Emission<br>Measurement Conducted spurious emission                                                              | Expanded Uncertainty: 1.45 dB                                                                                     |
| Estimation Result of Uncertainty of EIRP Measurement<br>EIRP, ERP, Output power(dBm), Radiated spurious<br>emission(dBm), Receiver spurious radiations ( $\geq 30$ MHz) | Expanded Uncertainty:<br>30-200MHz: 2.32 dB<br>200-1000MHz: 2.32 dB<br>1-18GHz: 3.24 dB<br>18-40GHz: 2.88 dB      |

The decision rule is : Measurement uncertainty is not taken into account.



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## 2.3 Test Equipment List

| No.          | Test equipment                                       | Type            | Serial No.  | Manufacturer | Cal. Date     | Next Cal. Date |
|--------------|------------------------------------------------------|-----------------|-------------|--------------|---------------|----------------|
| ETSTW-CE 001 | EMI TEST RECEIVER                                    | ESHS10          | 842121/013  | R&S          | 2019/6/4      | 2020/6/3       |
| ETSTW-CE 003 | AC POWER SOURCE                                      | APS-9102        | D161137     | GW           | Function Test |                |
| ETSTW-CE 004 | ZWEILEITER-V-NETZNACHBILDUNG<br>TWO-LINE V-NETWORK   | ESH3-Z5         | 840731/011  | R&S          | 2019/11/1     | 2020/10/31     |
| ETSTW-CE 006 | IMPULSBEGRENZER<br>PULSE LIMITER                     | ESH3-Z2         | 100226      | R&S          | 2019/9/24     | 2020/9/23      |
| ETSTW-CE 008 | HF-EICHELLEITUNG RF<br>STEP ATTENUATOR<br>139dB DPSP | 334.6010.02     | 844581/024  | R&S          | Function Test |                |
| ETSTW-CE 009 | TEMP.&HUMIDITY<br>CHAMBER                            | GTH-225-40-1P-U | MAA0305-009 | GIANT FORCE  | 2019/7/23     | 2020/7/22      |
| ETSTW-CE 016 | TWO-LINE V-NETWORK                                   | ENV216          | 100050      | R&S          | 2019/10/3     | 2020/10/2      |
| ETSTW-CE 028 | MXE EMI Receiver                                     | N9038A          | MY53220110  | Agilent      | 2019/7/18     | 2020/7/17      |
| ETSTW-RE 003 | EMI TEST RECEIVER                                    | ESI 26          | 831438/001  | R&S          | 2019/6/4      | 2020/6/3       |
| ETSTW-RE 004 | EMI TEST RECEIVER                                    | ESI 40          | 832427/004  | R&S          | 2019/5/29     | 2020/5/28      |
| ETSTW-RE 012 | TUNABLE BANDREJECT<br>FILTER                         | D.C 0309        | 146         | K&L          | Function Test |                |
| ETSTW-RE 013 | TUNABLE BANDREJECT<br>FILTER                         | D.C 0336        | 397         | K&L          | Function Test |                |
| ETSTW-RE 018 | MICROWAVE HORN<br>ANTENNA                            | AT4560          | 27212       | AR           | 2019/7/25     | 2020/7/24      |
| ETSTW-RE 027 | Passive Loop Antenna                                 | 6512            | 00034563    | ETS-Lindgren | 2019/7/22     | 2020/7/21      |
| ETSTW-RE 030 | Double-Ridged Guide Horn<br>Antenna                  | 3117            | 00035224    | ETS-Lindgren | 2019/4/2      | 2020/4/1       |
| ETSTW-RE 042 | Biconical Antenna                                    | HK116           | 100172      | R&S          | 2020/1/23     | 2021/1/22      |
| ETSTW-RE 043 | Log-Periodic Dipole<br>Antenna                       | HL223           | 100166      | R&S          | 2019/4/23     | 2020/4/22      |
| ETSTW-RE 044 | Log-Periodic Antenna                                 | HL050           | 100094      | R&S          | 2019/5/13     | 2020/5/12      |
| ETSTW-RE 045 | ESA-E SERIES<br>SPECTRUM ANALYZER                    | E4404B          | MY45111242  | Agilent      | Pre-test Use  |                |
| ETSTW-RE 050 | Attenuator 10dB                                      | 50HF-010-1      | None        | JFW          | 2019/2/27     | 2020/2/26      |
| ETSTW-RE 051 | Attenuator 6dB                                       | 50HF-006-1      | None        | JFW          | 2019/2/27     | 2020/2/26      |
| ETSTW-RE 053 | Attenuator 3dB                                       | 50HF-003-1      | None        | JFW          | 2019/2/27     | 2020/2/26      |
| ETSTW-RE 055 | SPECTRUM ANALYZER                                    | FSU 26          | 200074      | R&S          | 2019/3/5      | 2020/3/4       |
| ETSTW-RE 060 | Attenuator 30dB                                      | 5015-30         | F651012z-01 | ATM          | 2019/2/27     | 2020/2/26      |
| ETSTW-RE 062 | Amplifier Module                                     | CHC 2           | None        | KMIC         | 2019/5/16     | 2020/5/15      |
| ETSTW-RE 064 | Bluetooth Test Set                                   | MT8852B-042     | 6K00005709  | Anritsu      | Function Test |                |
| ETSTW-RE 069 | Double-Ridged Guide Horn<br>Antenna                  | 3117            | 00069377    | ETS-Lindgren | Function Test |                |
| ETSTW-RE 072 | CELL SITE TEST SET                                   | 8921A           | 3339A00375  | HP           | 2019/9/23     | 2020/9/22      |
| ETSTW-RE 088 | SOLID STATE<br>AMPLIFIER                             | KMA180265A01    | 99057       | KMIC         | 2019/9/18     | 2020/9/17      |
| ETSTW-RE 091 | Match Pad                                            | MDCS1500        | None        | WOKEN        | 2019/5/9      | 2020/5/8       |
| ETSTW-RE 099 | DC Block                                             | 50DB-007-1      | None        | JFW          | 2019/2/22     | 2020/2/21      |
| ETSTW-RE 112 | AC POWER SOURCE                                      | TFC-1005        | T-0A023536  | T-Power      | Function test |                |



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|                 |                                      |                                        |                 |                    |                  |            |
|-----------------|--------------------------------------|----------------------------------------|-----------------|--------------------|------------------|------------|
| ETSTW-RE 115    | 2.4GHz Notch Filter                  | N0124411                               | 473874          | MICROWAVE CIRCUITS | 2020/1/13        | 2021/1/12  |
| ETSTW-RE 120    | RF Player                            | MP9200                                 | MP9210-111022   | ADIVIC             | Function test    |            |
| ETSTW-RE 122    | SIGNAL GENERATOR                     | SMF100A                                | 102149          | R&S                | 2019/6/3         | 2020/6/2   |
| ETSTW-RE 125    | 5GHz Notch filter                    | 5NSL11-5200/E221.3-O/O                 | 1               | K&L Microwave      | 2019/8/8         | 2020/8/7   |
| ETSTW-RE 126    | 5GHz Notch filter                    | 5NSL12-5800/E221.3-O/O                 | 1               | K&L Microwave      | 2019/8/8         | 2020/8/7   |
| ETSTW-RE 127    | RF Switch Box                        | RFS-01                                 | None            | WTS                | 2019/2/26        | 2020/2/25  |
| ETSTW-RE 128    | 5.3GHz Notch filter                  | N0153001                               | SN487233        | Microwave Circuits | 2019/8/8         | 2020/8/7   |
| ETSTW-RE 129    | 5.5GHz Notch filter                  | N0555984                               | SN487234        | Microwave Circuits | 2019/8/8         | 2020/8/7   |
| ETSTW-RE 130    | Handheld RF Spectrum Analyzer        | N9340A                                 | CN0147000204    | Agilent            | Pre-test Use     |            |
| ETSTW-RE 142    | Amplifier                            | 8447D                                  | 2805A03378      | Agilent            | 2019/5/16        | 2020/5/15  |
| ETSTW-RE 147    | Bi-log Hybrid Antenna                | MCTD 2786B                             | BLB16M04005     | ETC                | 2019/4/2         | 2020/4/1   |
| ETSTW-RF 002    | Electromagnetic field probe          | LF-30                                  | K-0007          | STT                | 2019/5/27        | 2020/5/26  |
| ETSTW-EMI 011   | USB Compact Modulator                | SFC-U                                  | 101689          | R&S                | 2019/5/16        | 2020/5/15  |
| ETSTW-GSM 002   | Universal Radio Communication Tester | CMU 200                                | 109439          | R&S                | 2019/3/5         | 2020/3/4   |
| ETSTW-GSM 003   | Radio Communication Analyzer         | MT8820C                                | 6201342073      | Anritsu            | 2019/3/26        | 2020/3/25  |
| ETSTW-GSM 004   | Wideband Radio Communication Tester  | CMW500                                 | 128092          | R&S                | 2019/10/25       | 2020/10/24 |
| ETSTW-GSM 019   | Band Reject Filter                   | WRCTF824/849-822/851-40 /12+9SS        | 3               | WI                 | 2020/1/13        | 2021/1/12  |
| ETSTW-GSM 020   | Band Reject Filter                   | WRCD1747/1748-1743/1752-32/5SS         | 1               | WI                 | 2020/1/13        | 2021/1/12  |
| ETSTW-GSM 021   | Band Reject Filter                   | WRCD1879.5/1880.5-1875.5/1884.5-32/5SS | 3               | WI                 | 2020/1/13        | 2021/1/12  |
| ETSTW-GSM 022   | Band Reject Filter                   | WRCT901.9/903.1-904.25-50/8SS          | 1               | WI                 | 2020/1/13        | 2021/1/12  |
| ETSTW-GSM 023   | Power Divider                        | 4901.19.A                              | None            | SUHNER             | 2019/9/12        | 2020/9/11  |
| ETSTW-GSM 024   | Radio Communication Analyzer         | MT8821C                                | None            | Anritsu            | 2019/3/5         | 2020/3/4   |
| ETSTW-GSM 025   | Band Reject Filter                   | BRM19835                               | 001             | Micro-Tronics      | 2019/8/9         | 2020/8/8   |
| ETSTW-Cable 011 | SMA to N type Cable                  | RGU-400                                | None            | THERMAX            | Pre-test Use NCR |            |
| ETSTW-Cable 016 | BNC Cable                            | Switch Box                             | B Cable 1       | Schwarz beck       | 2019/2/21        | 2020/2/20  |
| ETSTW-Cable 017 | BNC Cable                            | X Cable                                | B Cable 2       | Schwarz beck       | 2019/2/21        | 2020/2/20  |
| ETSTW-Cable 018 | BNC Cable                            | Y Cable                                | B Cable 3       | Schwarz beck       | 2019/2/21        | 2020/2/20  |
| ETSTW-Cable 019 | BNC Cable                            | Z Cable                                | B Cable 4       | Schwarz beck       | 2019/2/21        | 2020/2/20  |
| ETSTW-Cable 020 | N TYPE Cable                         | OATS Cable 1                           | N30N30-L335-15M | JYE BAO CO.,LTD.   | 2019/7/2         | 2020/7/1   |
| ETSTW-Cable 026 | Microwave Cable                      | SUCOFLEX 104                           | 279075          | HUBER+SUHNER       | 2019/2/25        | 2020/2/24  |
| ETSTW-Cable 027 | Microwave Cable                      | SUCOFLEX 104                           | 279083          | HUBER+SUHNER       | 2019/5/14        | 2020/5/13  |
| ETSTW-Cable 028 | Microwave Cable                      | FA147A0015M2020                        | 30064-2         | UTIFLEX            | 2019/9/18        | 2020/9/17  |
| ETSTW-Cable 029 | Microwave Cable                      | FA147A0015M2020                        | 30064-3         | UTIFLEX            | 2019/9/18        | 2020/9/17  |
| ETSTW-Cable 030 | Microwave Cable                      | SUCOFLEX 104 ( S_Cable 9 )             | 279067          | HUBER+SUHNER       | 2019/2/25        | 2020/2/24  |
| ETSTW-Cable 043 | Microwave Cable                      | SUCOFLEX 104                           | 317576          | HUBER+SUHNER       | 2019/5/16        | 2020/5/15  |
| ETSTW-Cable 058 | Microwave Cable                      | SUCOFLEX 104                           | none            | HUBER+SUHNER       | 2019/6/6         | 2020/6/5   |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

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|                 |                     |                       |          |              |                  |           |
|-----------------|---------------------|-----------------------|----------|--------------|------------------|-----------|
| ETSTW-Cable 064 | Microwave Cable     | SUCOFLEX 104          | MY28891  | HUBER+SUHNER | 2019/5/16        | 2020/5/15 |
| ETSTW-Cable 066 | SMA type cable      | 32022                 | None     | ASTROLAB     | 2019/9/24        | 2020/9/23 |
| ETSTW-Cable 071 | N TYPE CABLE        | EMCCFD400-NM-NM-25000 | 170239   | EMCI         | 2019/6/6         | 2020/6/5  |
| ETSTW-Cable 072 | SMA type cable (8m) | SUCOFLEX 104          | 805800/4 | HUBER+SUHNER | 2019/5/16        | 2020/5/15 |
| ETSTW-Cable 074 | SMA type cable (2m) | SUCOFLEX 104          | 802563/4 | HUBER+SUHNER | 2019/5/16        | 2020/5/15 |
| WTSTW-SW 002    | EMI TEST SOFTWARE   | EZ EMC                | None     | Farad        | Version ETS-03A1 |           |
| WTSTW-SW 006    | EMI TEST SOFTWARE   | e3                    | None     | AUDIX        | Version 9.161014 |           |
| WTSTW-SW 008    | Signal studio       | Agilent               | None     | AUDIX        | Version 2.0.0.1  |           |
| ETSTW-TH 001    | Thermohygrometer    | 608-H1                | 45204316 | Testo        | 2019/9/9         | 2020/9/8  |
| ETSTW-TH 002    | Thermohygrometer    | 608-H1                | 45204317 | Testo        | 2019/9/9         | 2020/9/8  |



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## **2.4 Test Procedure**

The test procedures are performed following the test stands ANSI STANDARD C63.10 and FCC 789033 D02 General UNII Test Procedures New Rules v01r04.

### ■ Minimum Emission Bandwidth for the band 5.150-5.250 GHz, 5.725-5.850 GHz

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW)  $\geq 3 \times$  RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

### ■ 99 Percent Occupied Bandwidth

The 99-percent occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5 % of the total mean power of the given emission. Measurement of the 99-percent occupied bandwidth is required only as a condition for using the optional band-edge measurement techniques described in section H)3)d). Measurements of 99-percent occupied bandwidth may also optionally be used in lieu of the 6-dB emission bandwidth to define the minimum frequency range over which the spectrum is integrated when measuring maximum conducted output power as described in section E). However, the 6-dB bandwidth must be measured to determine bandwidth dependent limits on maximum conducted output power in accordance with 15.407(a).

The following procedure shall be used for measuring (99 %) power bandwidth.

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW  $\geq 3 \cdot$  RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.



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## ■ Maximum conducted output power

- (i) Set span to encompass the entire emission bandwidth (EBW) (or, alternatively, the entire 99% occupied bandwidth) of the signal.
- (ii) Set RBW = 1 MHz.
- (iii) Set VBW  $\geq 3$  MHz.
- (iv) Number of points in sweep  $\geq 2$  Span / RBW. (This ensures that bin-to-bin spacing is  $\leq$  RBW/2, so that narrowband signals are not lost between frequency bins.)
- (v) Sweep time = auto.
- (vi) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
- (vii) If transmit duty cycle < 98 percent, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty cycle  $\geq 98$  percent, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to “free run”.
- (viii) Trace average at least 100 traces in power averaging (i.e., RMS) mode.
- (ix) Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument’s band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the spectrum.

## ■ Power Density

The rules requires “maximum power spectral density” measurements where the intent is to measure the maximum value of the time average of the power spectral density measured during a period of continuous transmission.

1. Create an average power spectrum for the EUT operating mode being tested by following the instructions in section II.E.2. for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, “Compute power...”. (This procedure is required even if the maximum conducted output power measurement was performed using a power meter, method PM.)
2. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
3. Make the following adjustments to the peak value of the spectrum, if applicable:
  - a) If Method SA-2 or SA-2 Alternative was used, add  $10 \log(1/x)$ , where x is the duty cycle, to the peak of the spectrum.
  - b) If Method SA-3 Alternative was used and the linear mode was used in step II.E.2.g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging.
4. The result is the Maximum PSD over 1 MHz reference bandwidth.
5. For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus



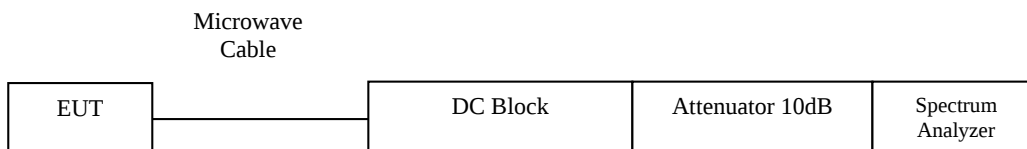
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a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

- a) Set RBW  $\geq 1/T$ , where T is defined in section II.B.1.a).
- b) Set VBW  $\geq 3$  RBW.
- c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add  $10\log(500\text{kHz}/\text{RBW})$  to the measured result, whereas RBW (< 500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add  $10\log(1\text{MHz}/\text{RBW})$  to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 kHz for the sections 5.c) and 5.d) above, since RBW=100 kHz is available on nearly all spectrum analyzers.

## Conducted measurement test setup





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### **3 Test results (enclosure)**

| Test case                                               | Para. Number                                                | Required                            | Test passed                         | Test failed              |
|---------------------------------------------------------|-------------------------------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| Peak Transmit Power                                     | 15.407(a)                                                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6-dB emission bandwidth                                 | 15.407(a)                                                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 26-dB emission bandwidth                                | 15.407(a)                                                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 99 % Occupied Bandwidth                                 | 789033 D02 General<br>UNII Test Procedures<br>New Rules v01 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Peak Power Spectral Density                             | 15.407(a)                                                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Undesirable emission limits                             | 15.407(b)                                                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Radio Frequency Exposure                                | 15.407(f)                                                   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Transmit Power Control                                  | 15.407(h)                                                   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| Dynamic Frequency Selection (DFS)                       | 15.407(h)                                                   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| Channel Move Time, Channel Closing<br>Transmission Time | 15.407(i)                                                   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| Radiated Emission from Receiver Part                    | 15.109                                                      | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| AC Conducted Emissions                                  | 15.207                                                      | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |

The following is intentionally left blank.



Registration number: W6M21911-19475-C-54

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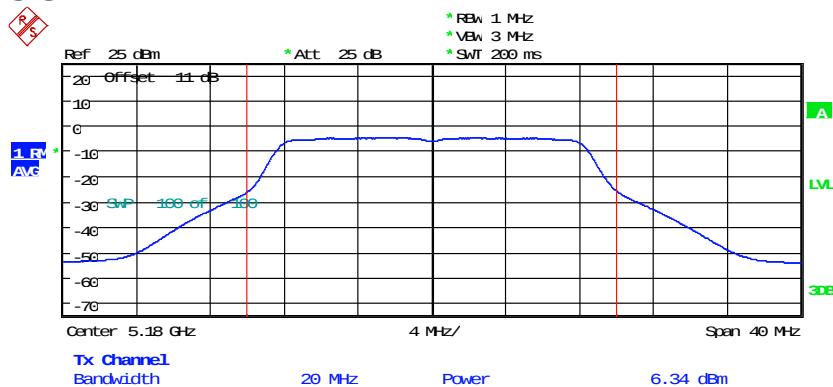
## 3.1 Peak Transmit Power, FCC 15.407 (a)

According to §15.407(a)

1. For the band 5.15-5.25 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 30 dBm (1 W) for master device and 24 dBm (250 mW) for mobile/portable client device.
2. For the band 5.25-5.35 GHz and 5.47-5.725 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 24 dBm (250 mW) or  $11\text{dBm} + 10 \log B$ , whichever is lower ( $B = 26\text{-dB emission BW}$ ).
3. For the band 5.725-5.850 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 30 dBm (1 W).

### ANT 1

#### 5.15 GHz ~ 5.25 GHz

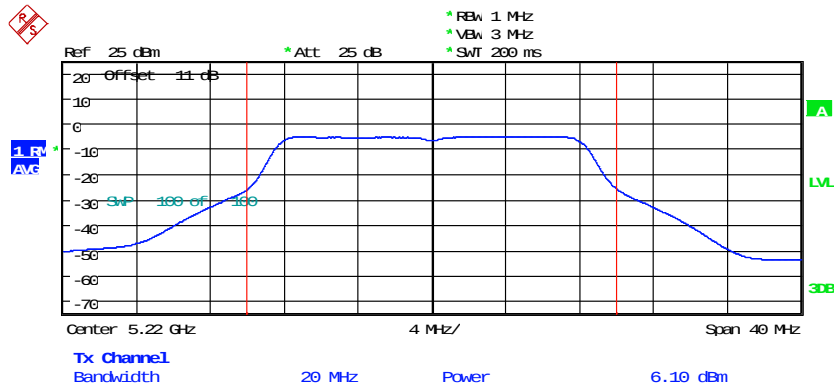


MAXIMUM CONDUCTED POWER ANT1\_11aCH36

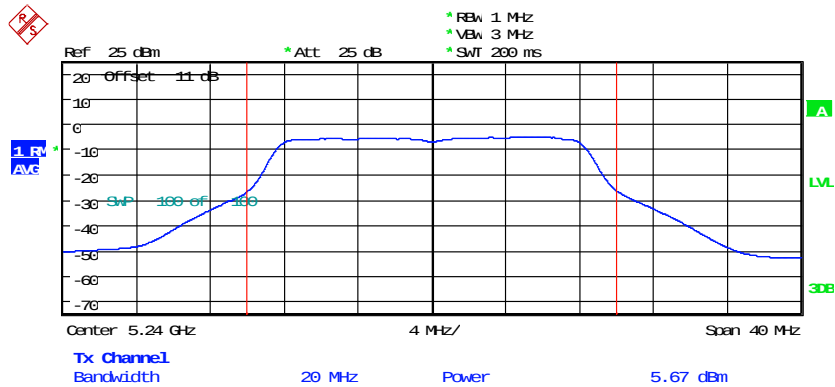
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Registration number: W6M21911-19475-C-54  
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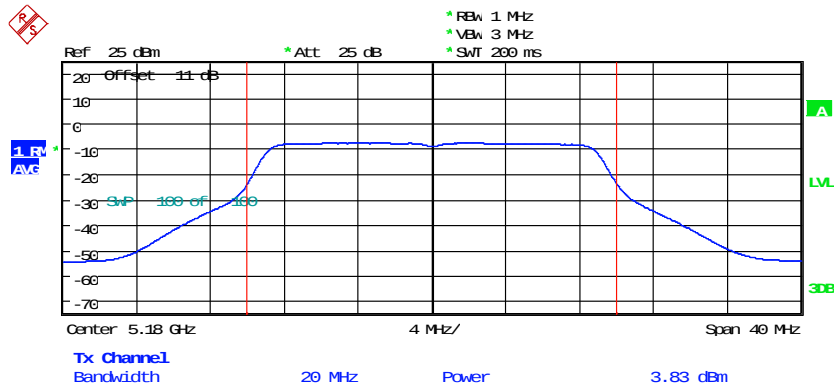
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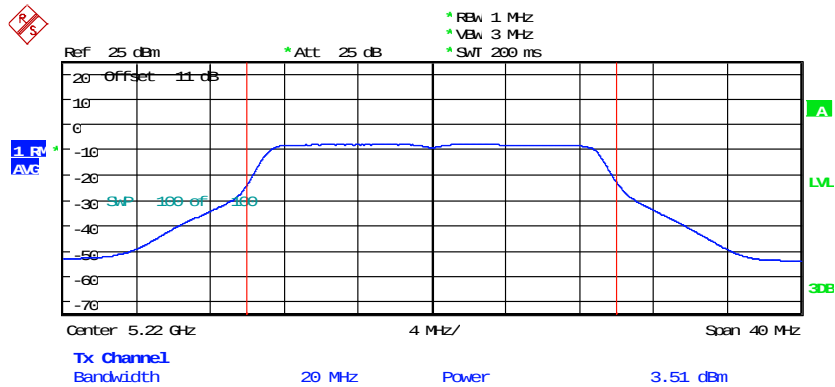
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FCC ID: IR5RW14



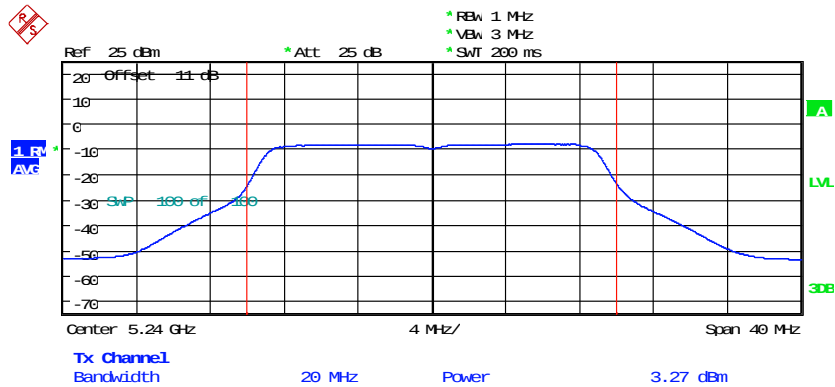
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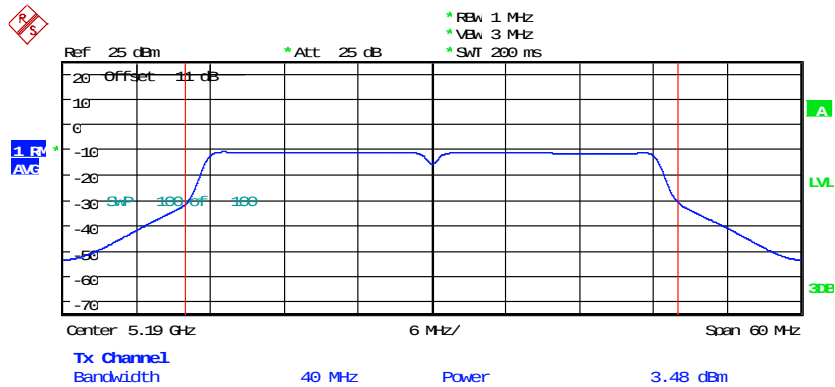
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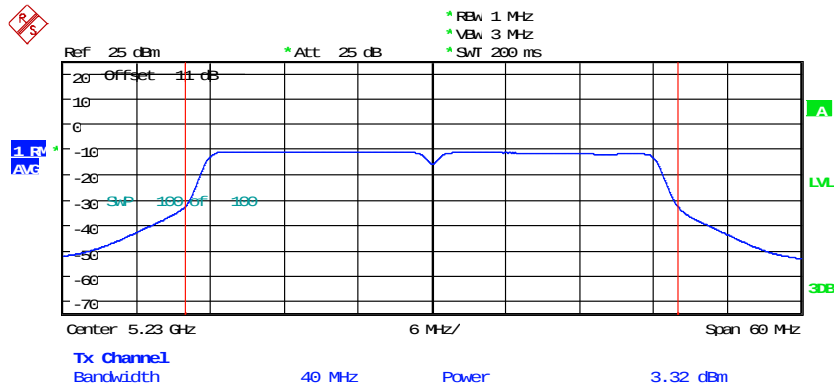
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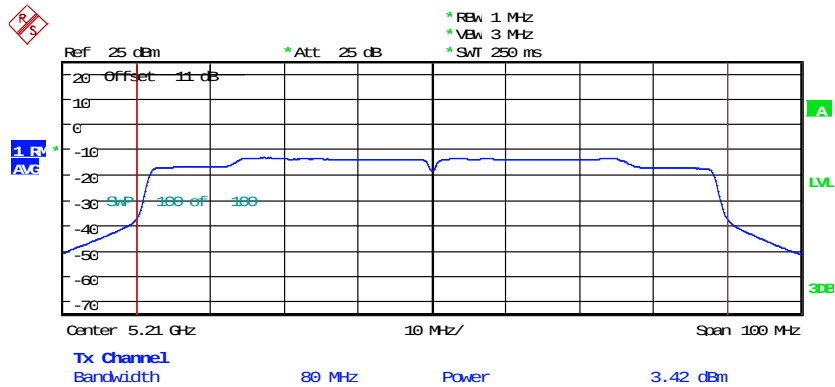
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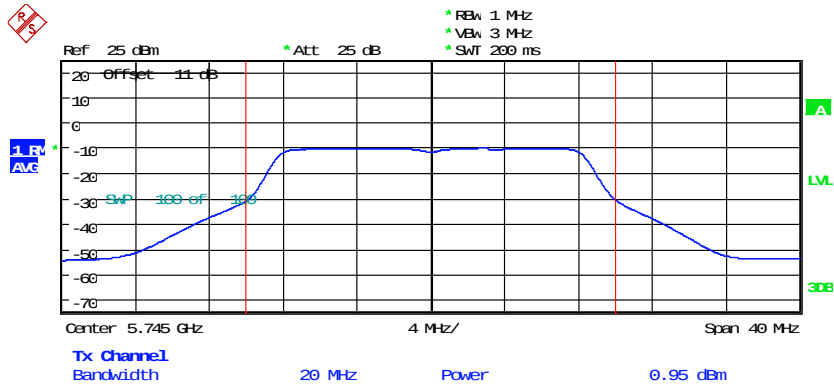
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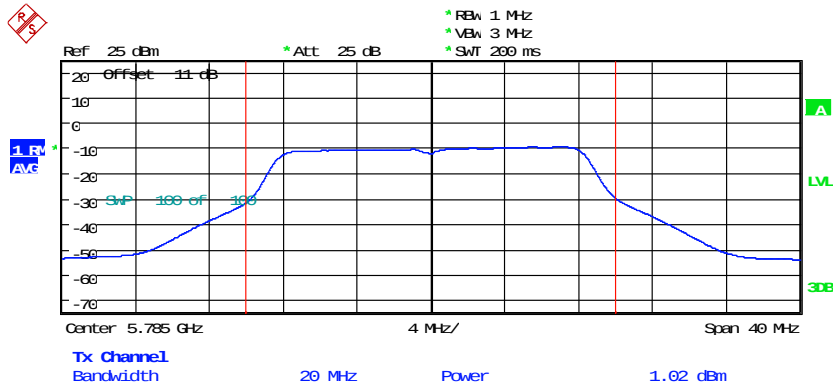
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**5.725 GHz ~ 5.85 GHz**



MAXIMUM CONDUCTED POWER ANT1\_11aCH149

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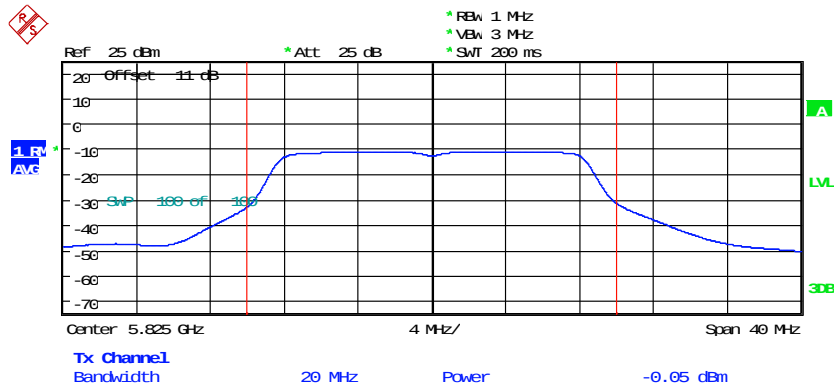


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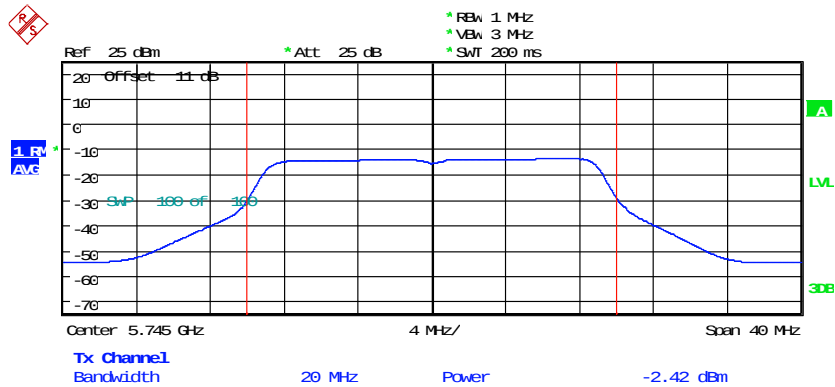
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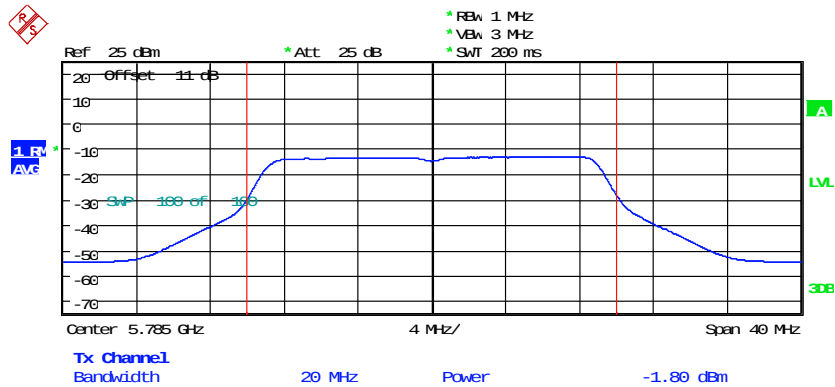
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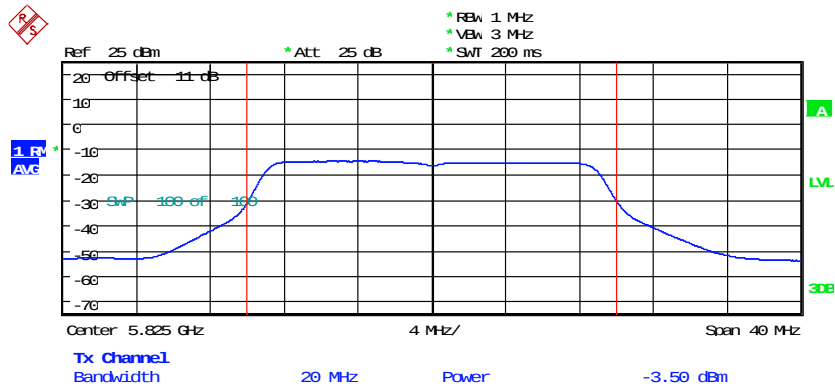
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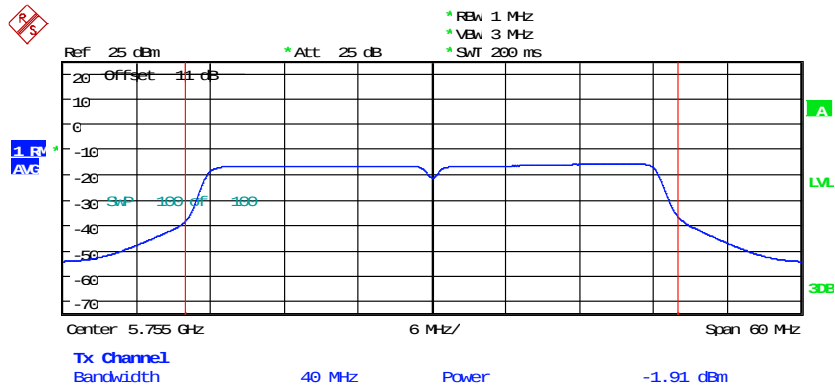
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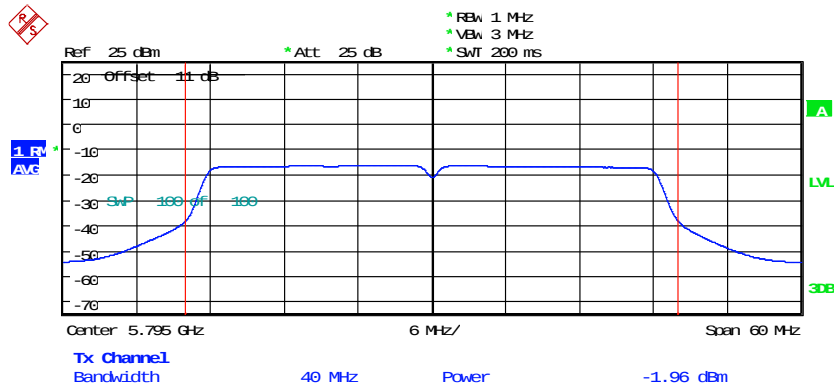
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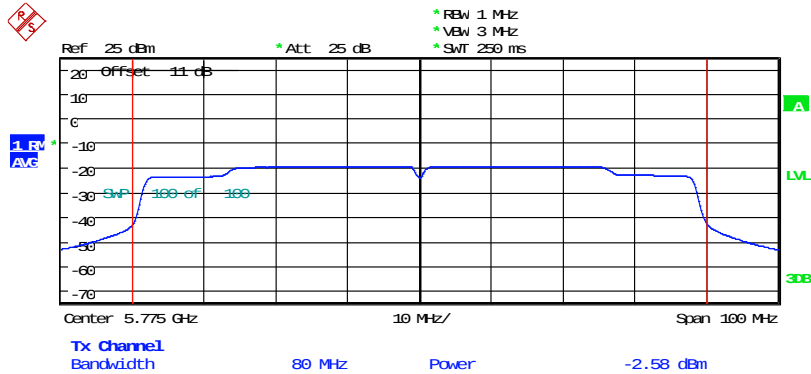


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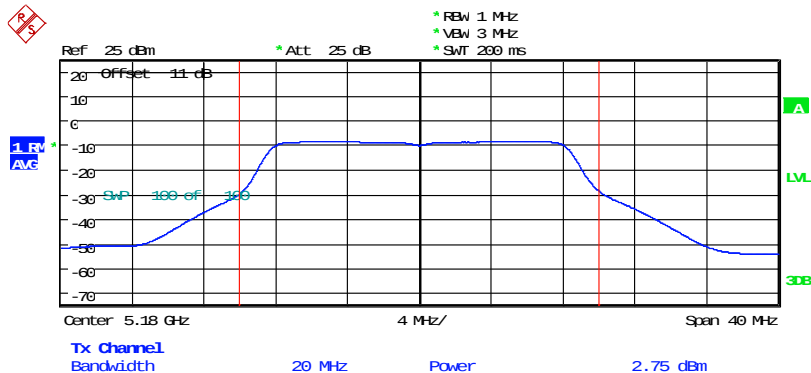
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Registration number: W6M21911-19475-C-54  
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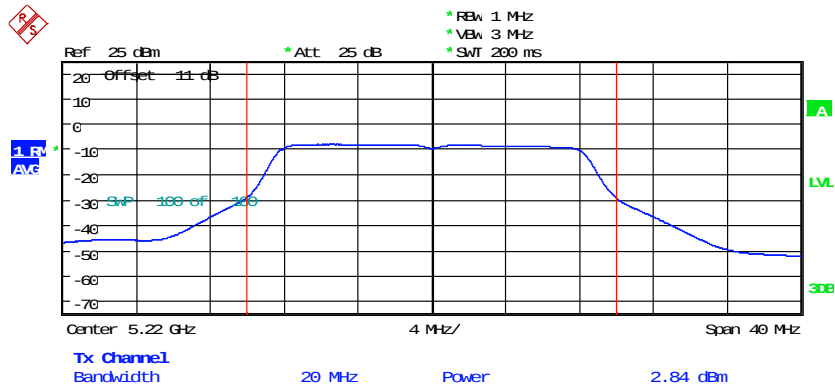
## ANT 2 5.15 GHz ~ 5.25 GHz



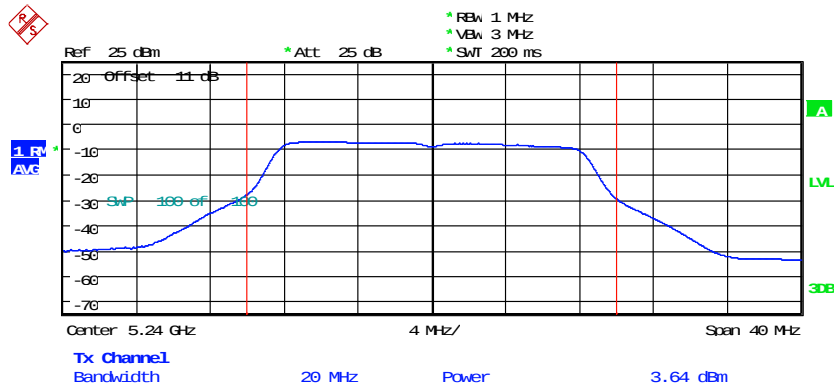
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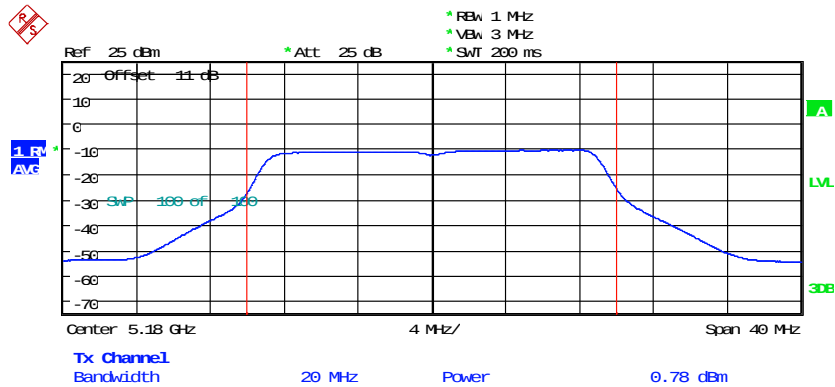
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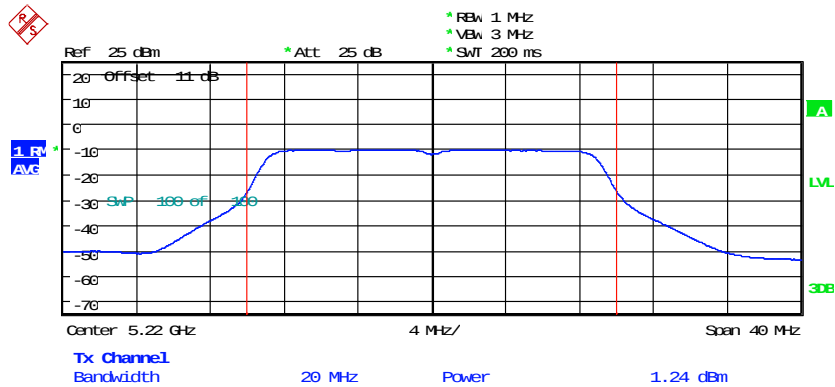
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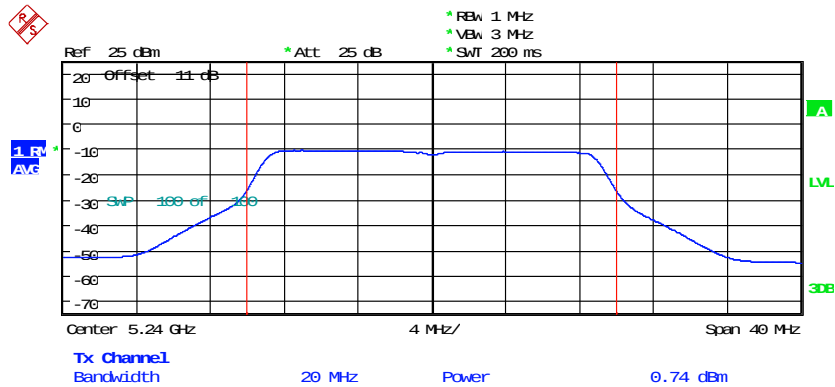


MAXIMUM CONDUCTED POWER ANT2\_11n20CH36  
Date: 26.NOV.2019 21:12:29

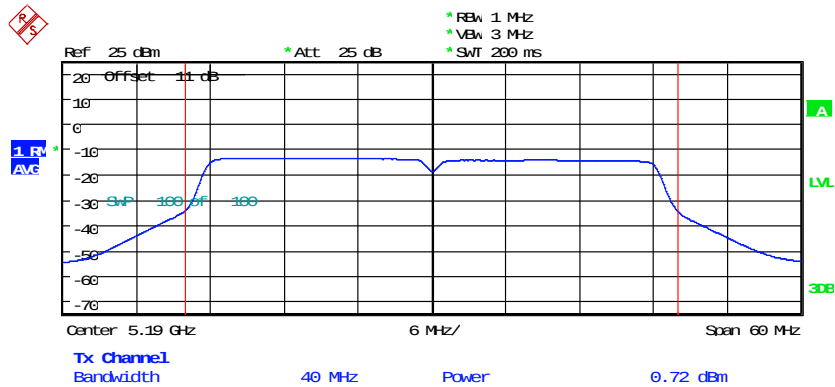


MAXIMUM CONDUCTED POWER ANT2\_11n20CH44  
Date: 26.NOV.2019 21:13:59

Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



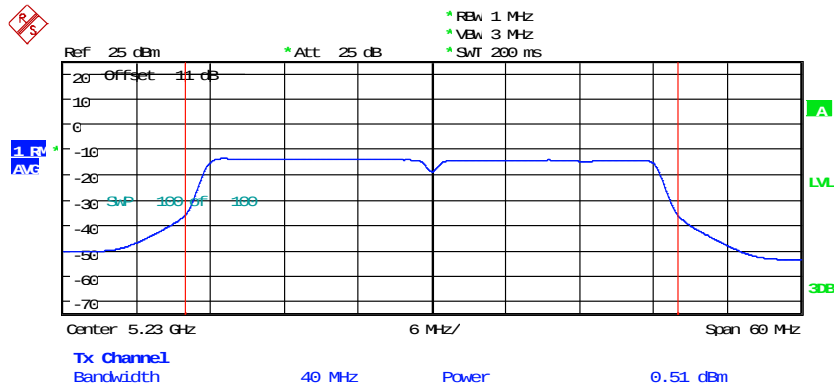
MAXIMUM CONDUCTED POWER ANT2\_11n20CH48  
Date: 26.NOV.2019 21:24:04



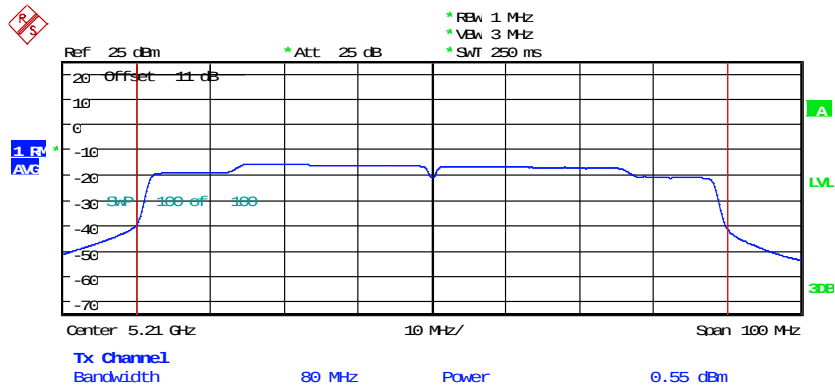
MAXIMUM CONDUCTED POWER ANT2\_11n40CH38  
Date: 26.NOV.2019 21:25:59



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



MAXIMUM CONDUCTED POWER ANT2\_11n40CH46  
Date: 26.NOV.2019 21:27:19



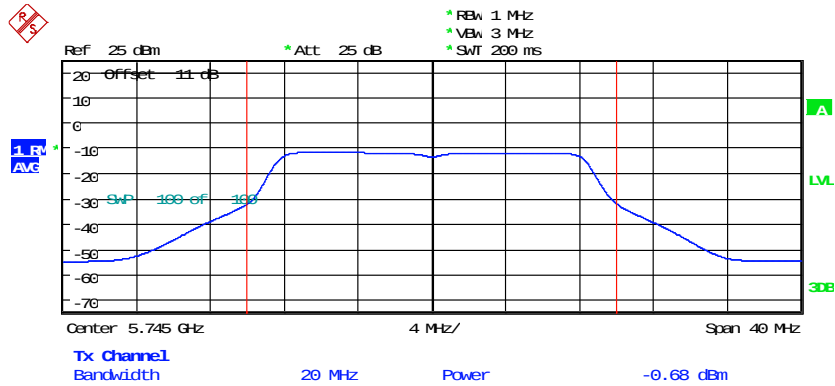
MAXIMUM CONDUCTED POWER ANT2\_11ac80CH42  
Date: 26.NOV.2019 21:30:02



Registration number: W6M21911-19475-C-54

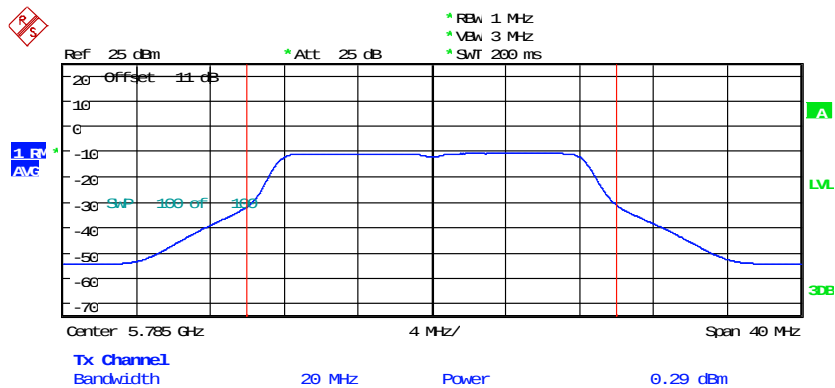
FCC ID: IR5RW14

**5.725 GHz ~ 5.85 GHz**



MAXIMUM CONDUCTED POWER ANT2\_11aCH149

Date: 27.NOV.2019 20:07:28

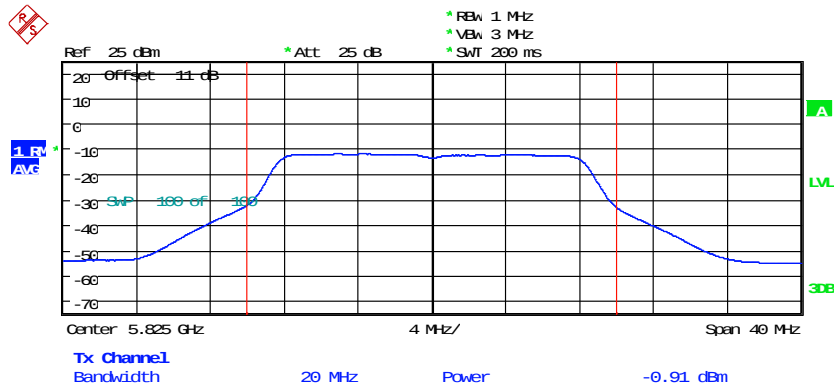


MAXIMUM CONDUCTED POWER ANT2\_11aCH157

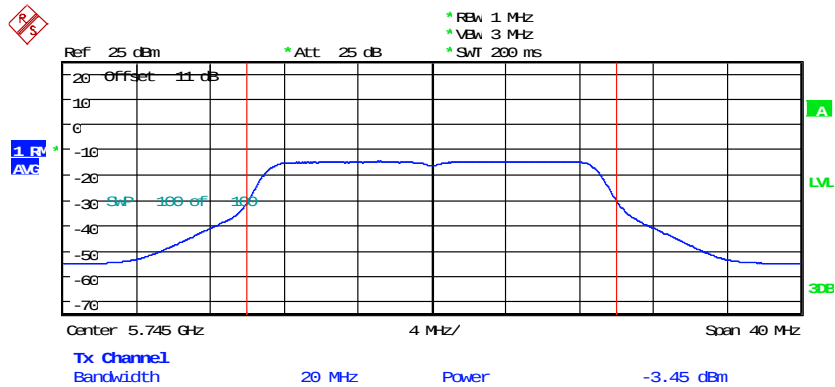
Date: 27.NOV.2019 20:08:48



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



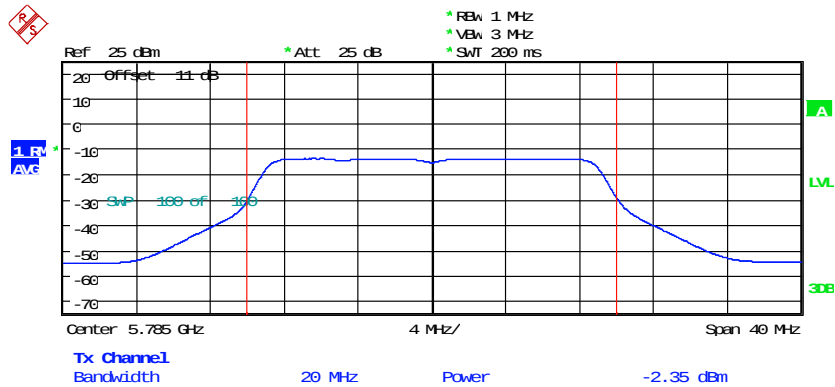
MAXIMUM CONDUCTED POWER ANT2\_11aCH165  
Date: 27.NOV.2019 20:10:18



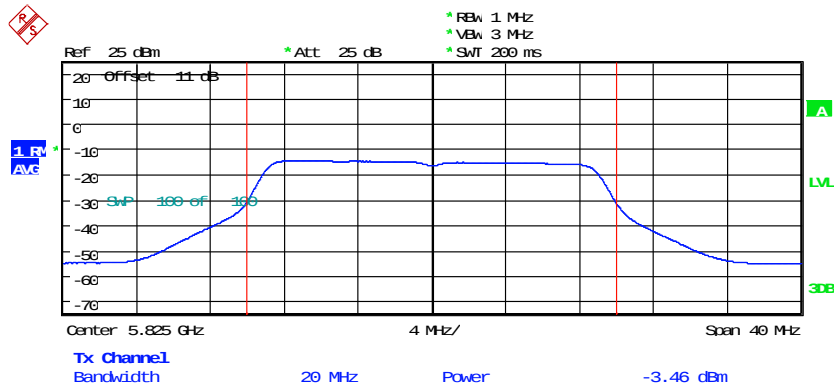
MAXIMUM CONDUCTED POWER ANT2\_11n20CH149  
Date: 27.NOV.2019 20:11:58



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



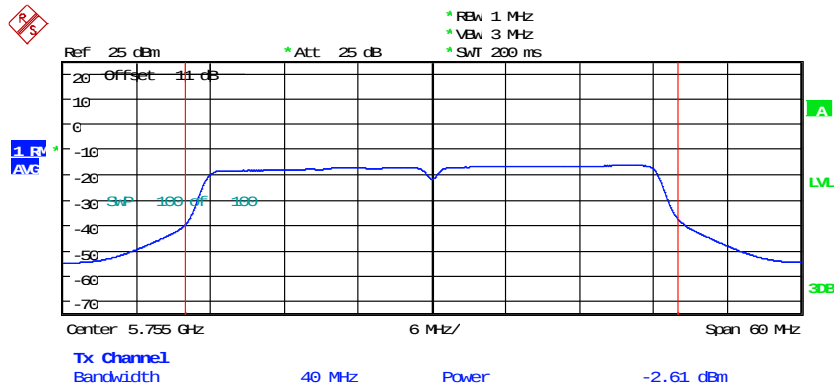
MAXIMUM CONDUCTED POWER ANT2\_11n20CH157  
Date: 27.NOV.2019 20:15:28



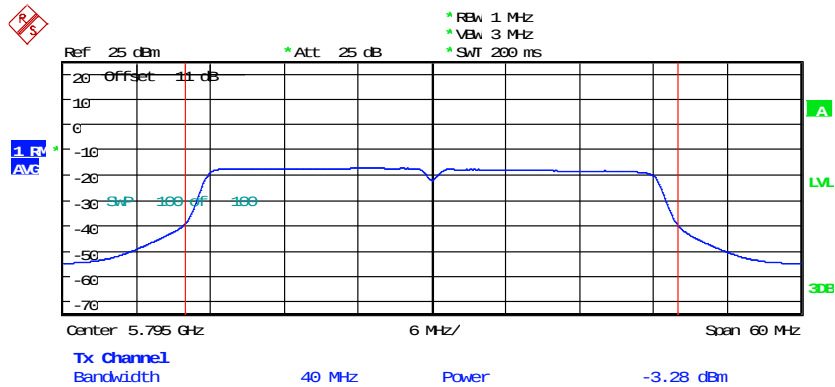
MAXIMUM CONDUCTED POWER ANT2\_11n20CH165  
Date: 27.NOV.2019 20:16:48



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



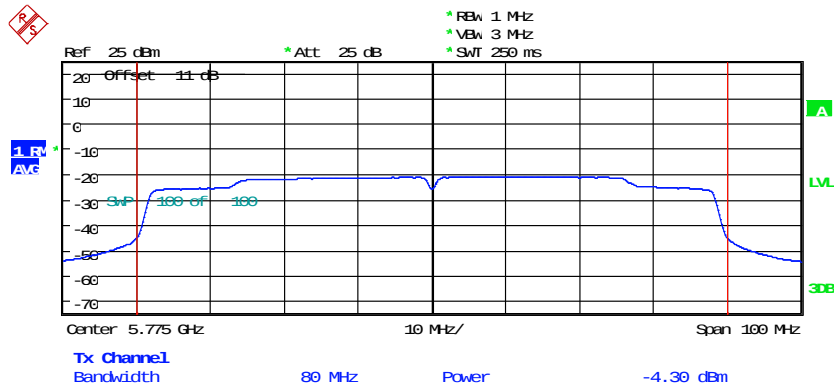
MAXIMUM CONDUCTED POWER ANT2\_11n40CH151  
Date: 27.NOV.2019 20:27:48



MAXIMUM CONDUCTED POWER ANT2\_11n40CH159  
Date: 27.NOV.2019 20:29:49



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



MAXIMUM CONDUCTED POWER ANT2\_11ac80CH155  
Date: 27.NOV.2019 20:32:27

## 5.15GHz~5.25GHz

| ANT 1          | mW     |        |         | dBm    |        |         |
|----------------|--------|--------|---------|--------|--------|---------|
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 2.42   | 2.24   | 2.12    | 3.83   | 3.51   | 3.27    |
| 802.11n 40MHz  | 2.23   | --     | 2.15    | 3.48   | --     | 3.32    |
| 802.11ac 80MHz | 2.20   | --     | --      | 3.42   | --     | --      |
| ANT 2          | mW     |        |         | dBm    |        |         |
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 1.20   | 1.33   | 1.19    | 0.78   | 1.24   | 0.74    |
| 802.11n 40MHz  | 1.18   | --     | 1.12    | 0.72   | --     | 0.51    |
| 802.11ac 80MHz | 1.14   | --     | --      | 0.55   | --     | --      |
| Combine        | mW     |        |         | dBm    |        |         |
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 3.62   | 3.57   | 3.31    | 5.59   | 5.53   | 5.20    |
| 802.11n 40MHz  | 3.41   | --     | 3.27    | 5.33   | --     | 5.15    |
| 802.11ac 80MHz | 3.34   | --     | --      | 5.24   | --     | --      |



## **Worldwide Testing Services(Taiwan) Co., Ltd.**

Registration number: W6M21911-19475-C-54

FCC ID: IR5RW14

5.725GHz~5.85GHz

| ANT 1          | mW     |        |         | dBm    |        |         |
|----------------|--------|--------|---------|--------|--------|---------|
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 0.57   | 0.66   | 0.45    | -2.42  | -1.80  | -3.50   |
| 802.11n 40MHz  | 0.64   | --     | 0.64    | -1.91  | --     | -1.96   |
| 802.11ac 80MHz | 0.55   | --     | --      | -2.58  | --     | --      |
| ANT 2          | mW     |        |         | dBm    |        |         |
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 0.45   | 0.58   | 0.45    | -3.45  | -2.35  | -3.46   |
| 802.11n 40MHz  | 0.55   | --     | 0.47    | -2.61  | --     | -3.28   |
| 802.11ac 80MHz | 0.37   | --     | --      | -4.30  | --     | --      |
| Combine        | mW     |        |         | dBm    |        |         |
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 1.02   | 1.24   | 0.90    | 0.09   | 0.93   | -0.46   |
| 802.11n 40MHz  | 1.19   | --     | 1.11    | 0.76   | --     | 0.45    |
| 802.11ac 80MHz | 0.92   | --     | --      | -0.36  | --     | --      |

Test equipment used: ETSTW-RE 055, ETSTW-RE 050



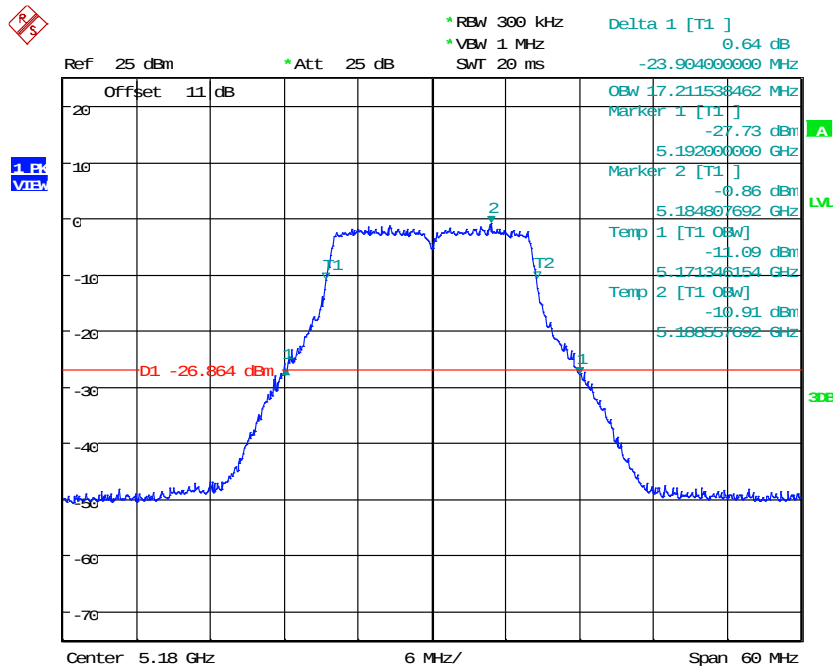
Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14

### 3.2 26dB emission bandwidth, 99% Occupied Bandwidth, FCC 15.407 (a)

According to §15.407(a). No Limit required.

Result:

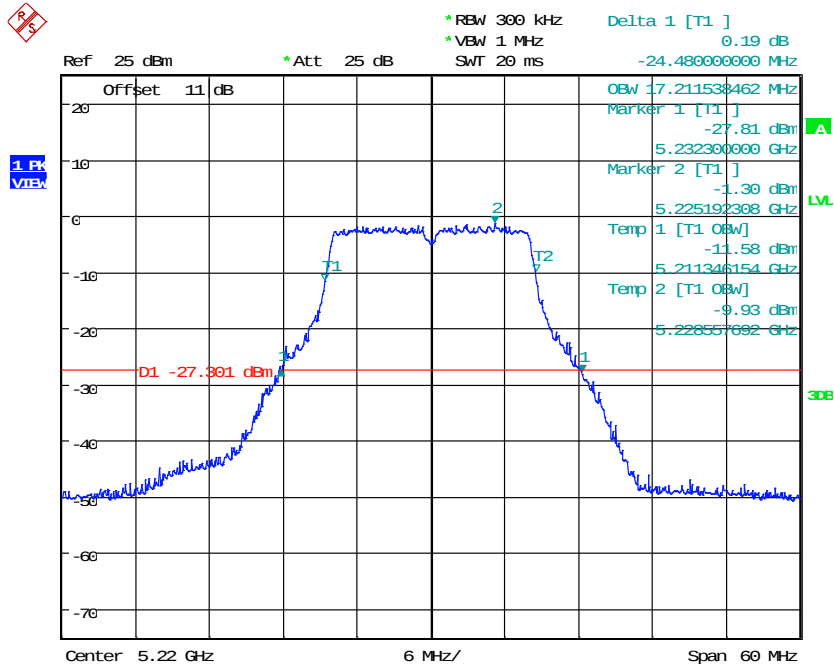
**ANT 1**  
**5.15 GHz ~ 5.25 GHz**



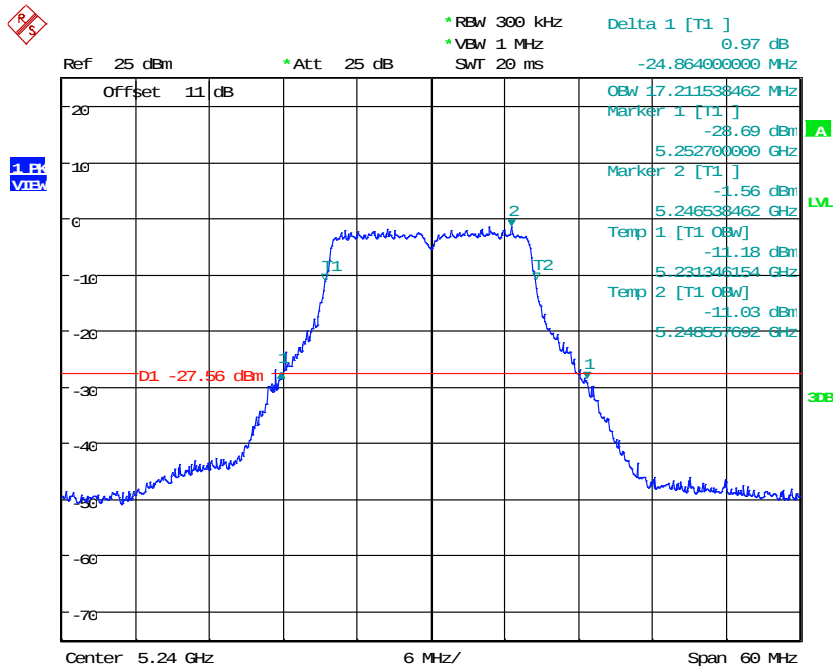
99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH36  
Date: 26.NOV.2019 20:12:25



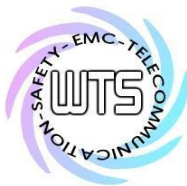
Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



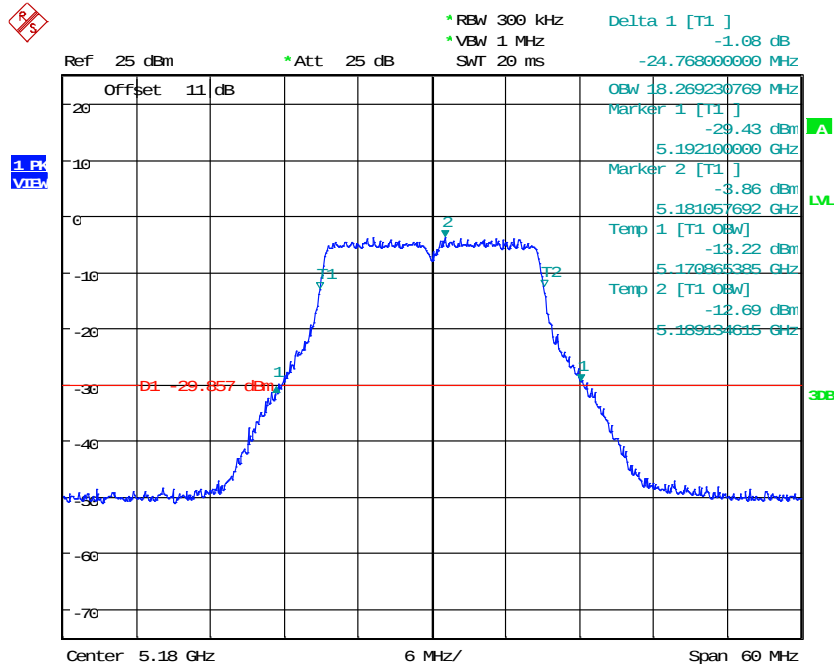
99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH44  
Date: 26.NOV.2019 20:13:53



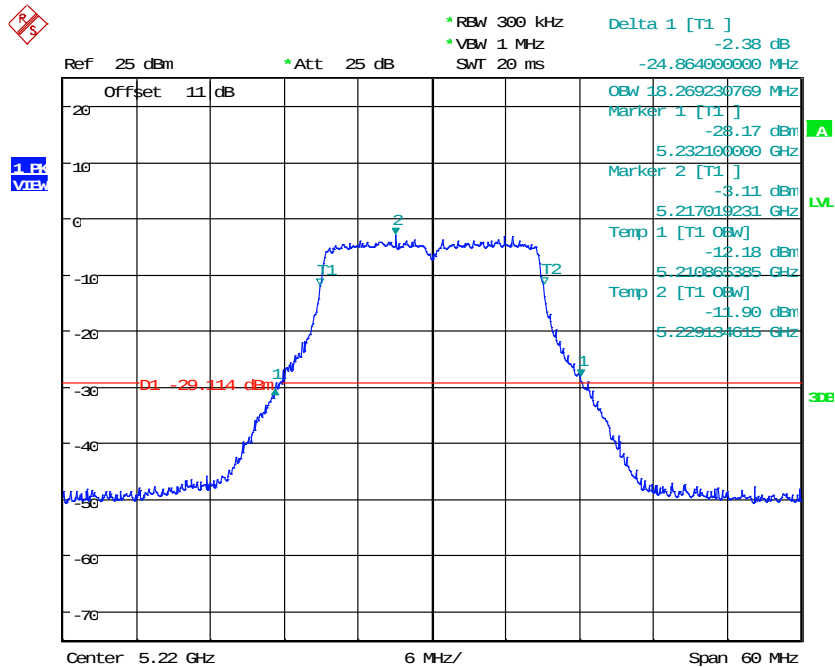
99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH48  
Date: 26.NOV.2019 20:15:21



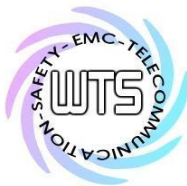
Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



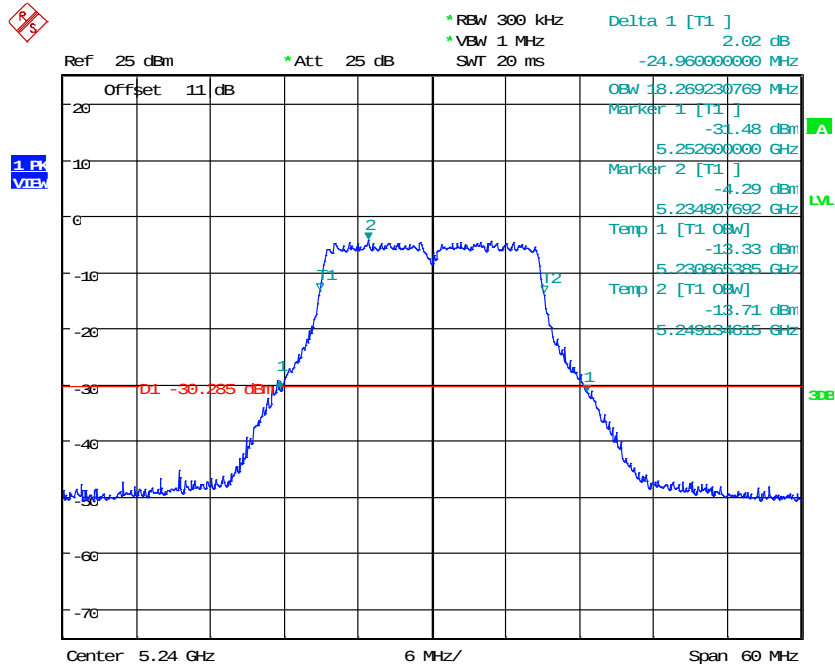
99% OBW & 26DB BANDWIDTH ANT1\_11n20\_CH36  
Date: 26.NOV.2019 20:16:55



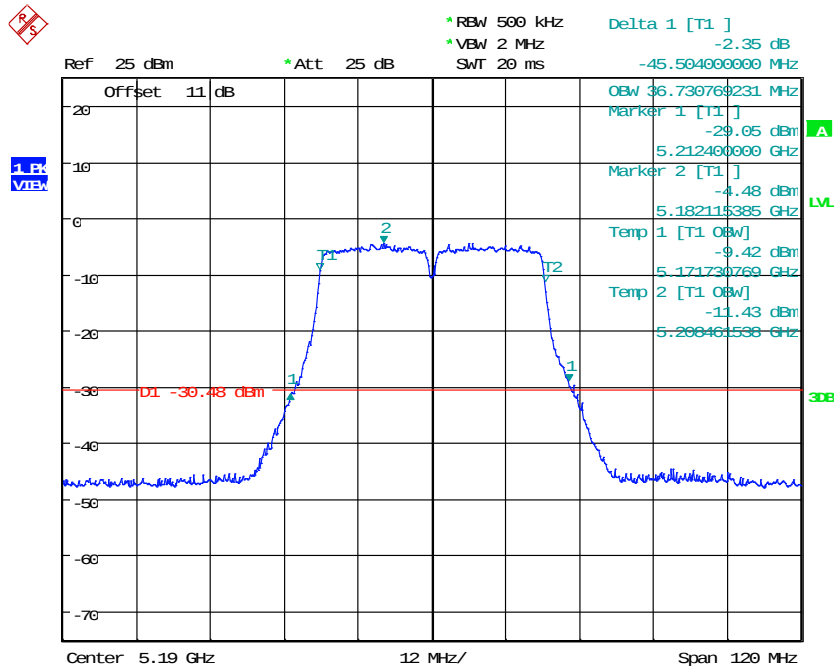
99% OBW & 26DB BANDWIDTH ANT1\_11n20\_CH44  
Date: 26.NOV.2019 20:18:17



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



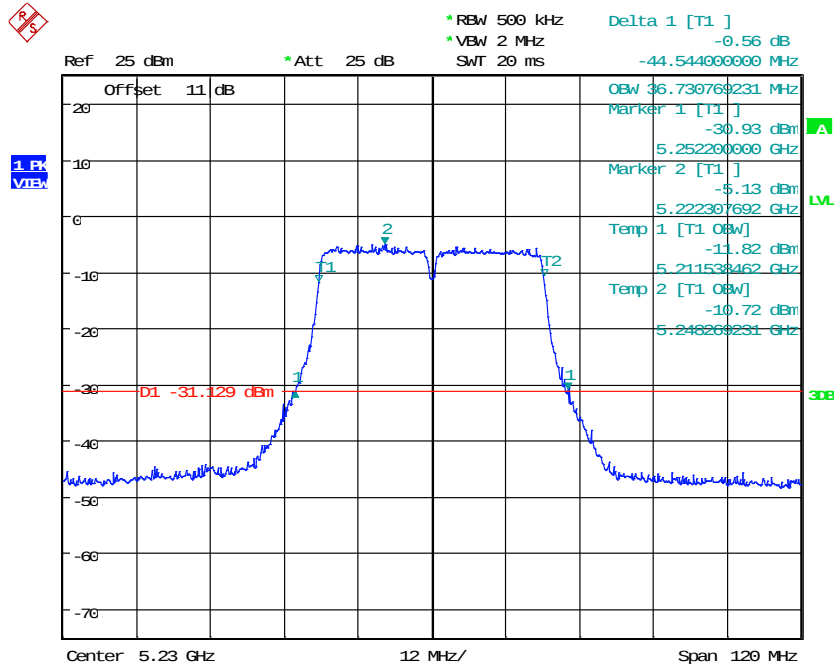
99% OBW & 26DB BANDWIDTH ANT1\_11n20\_CH48  
Date: 26.NOV.2019 20:20:13



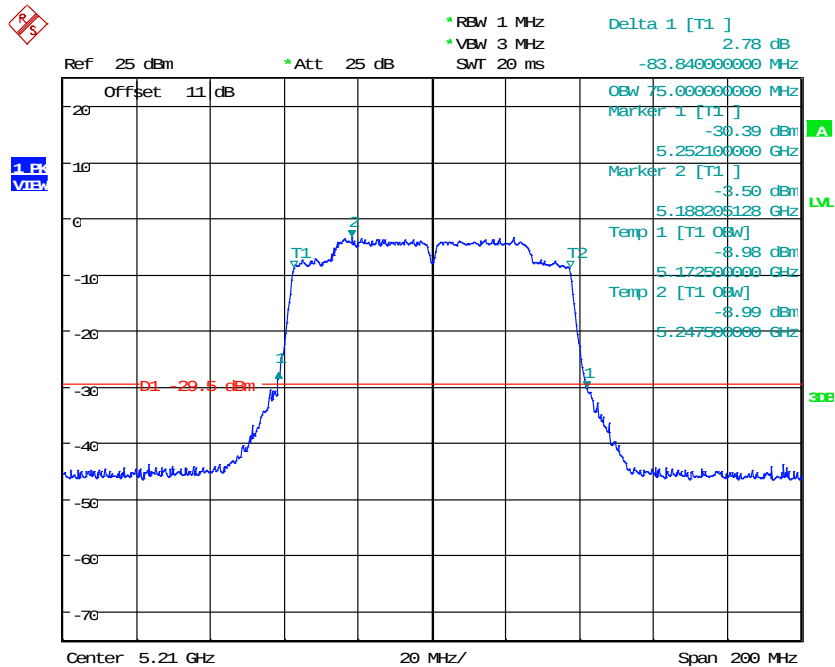
99% OBW & 26DB BANDWIDTH ANT1\_11n40\_CH38  
Date: 26.NOV.2019 20:22:08



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



99% OBW & 26DB BANDWIDTH ANT1\_11n40\_CH46  
Date: 26.NOV.2019 20:23:42



99% OBW & 26DB BANDWIDTH ANT1\_11ac80\_CH42  
Date: 26.NOV.2019 20:25:49

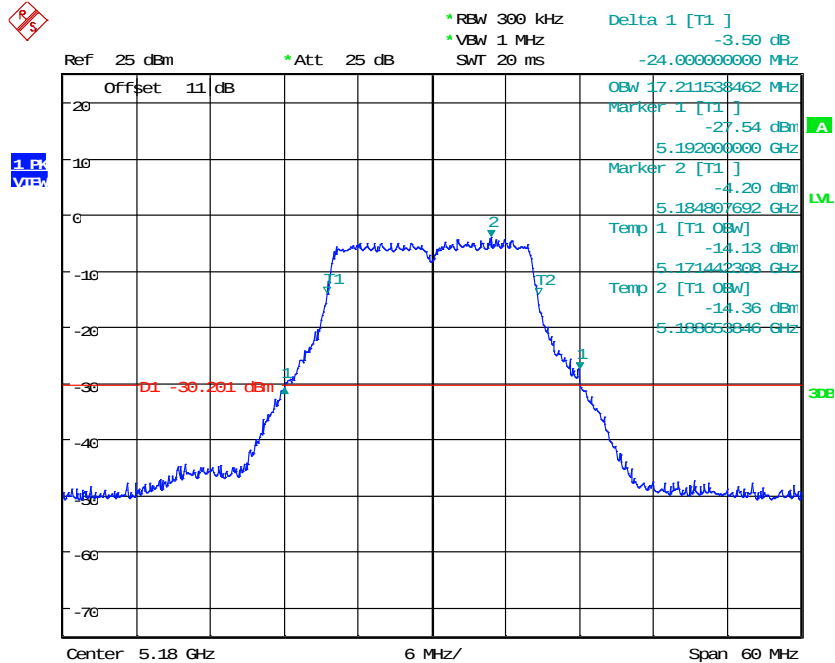


Registration number: W6M21911-19475-C-54

FCC ID: IR5RW14

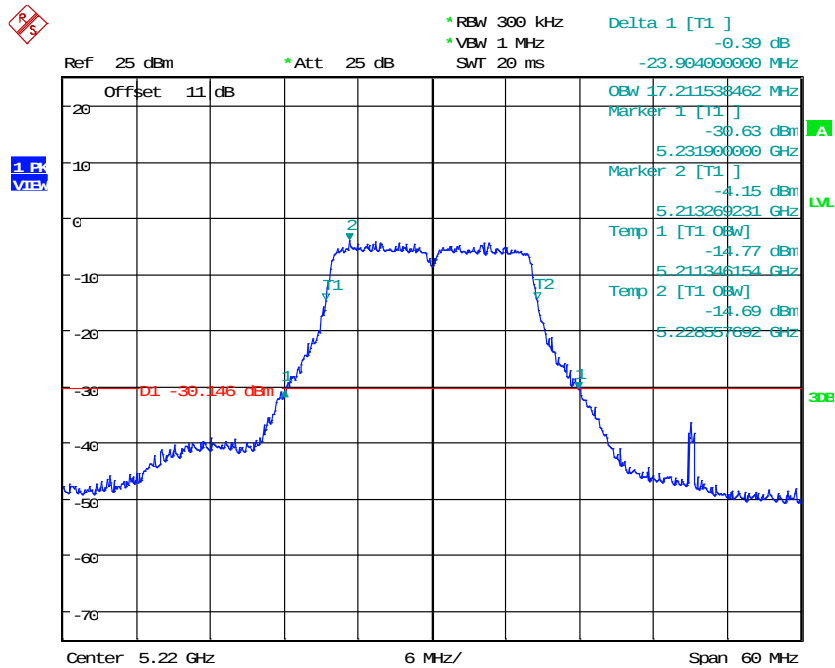
ANT 2

5.15 GHz ~ 5.25 GHz



99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH36

Date: 26.NOV.2019 20:39:56

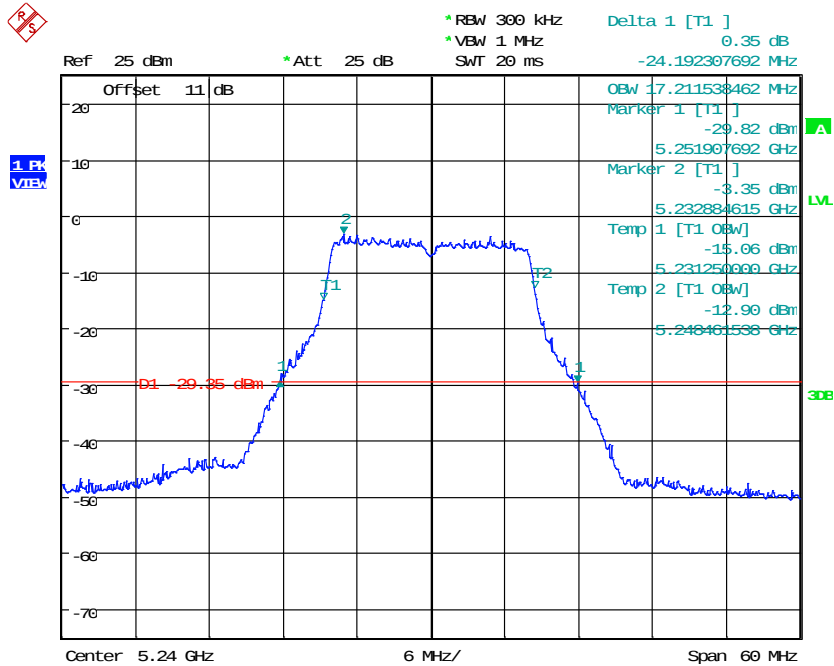


99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH44

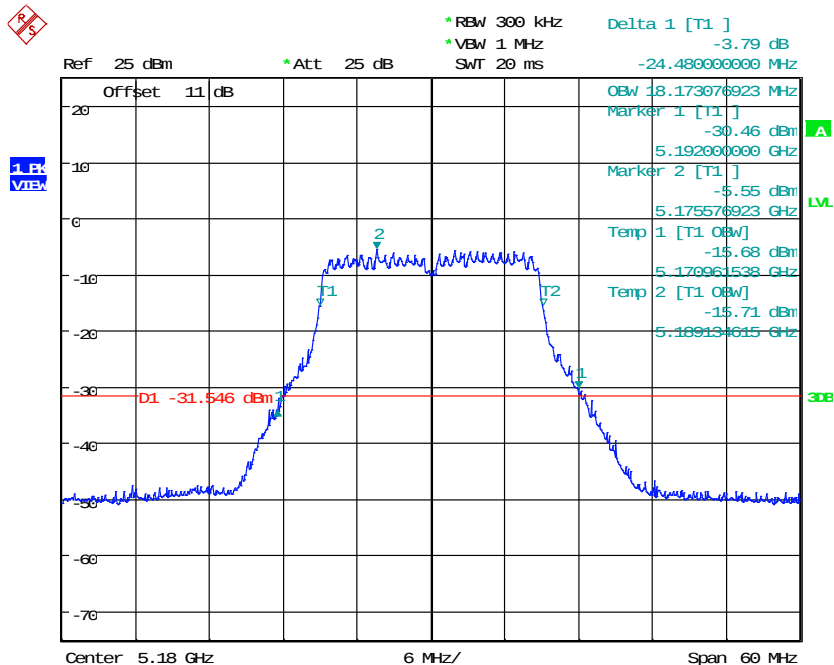
Date: 26.NOV.2019 20:41:13



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



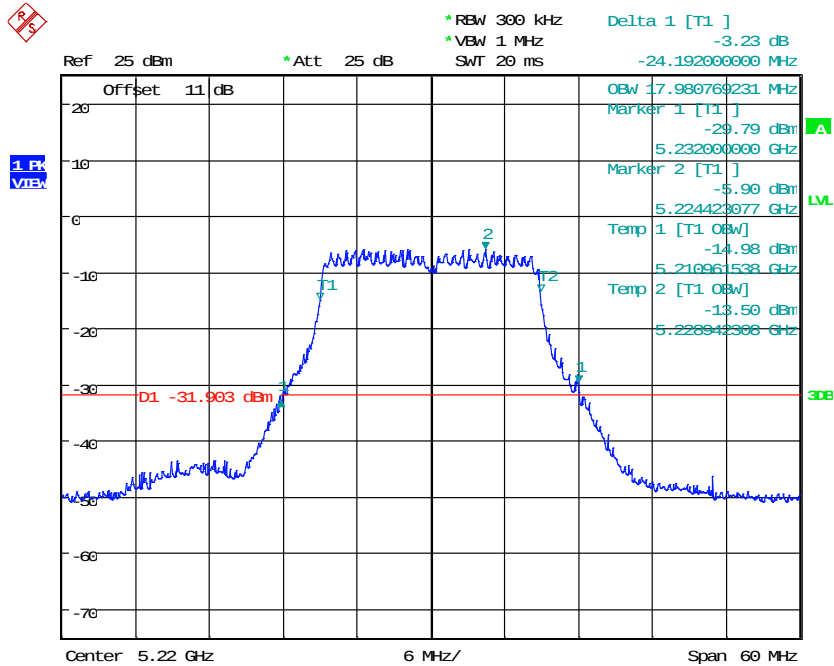
99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH48  
Date: 26.NOV.2019 20:44:18



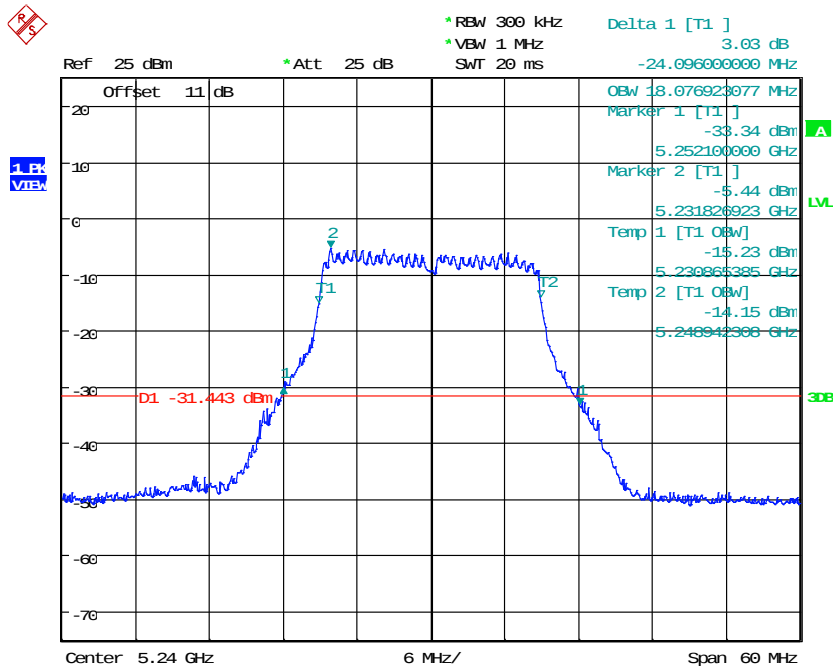
99% OBW & 26DB BANDWIDTH ANT2\_11n20\_CH36  
Date: 26.NOV.2019 21:13:07



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



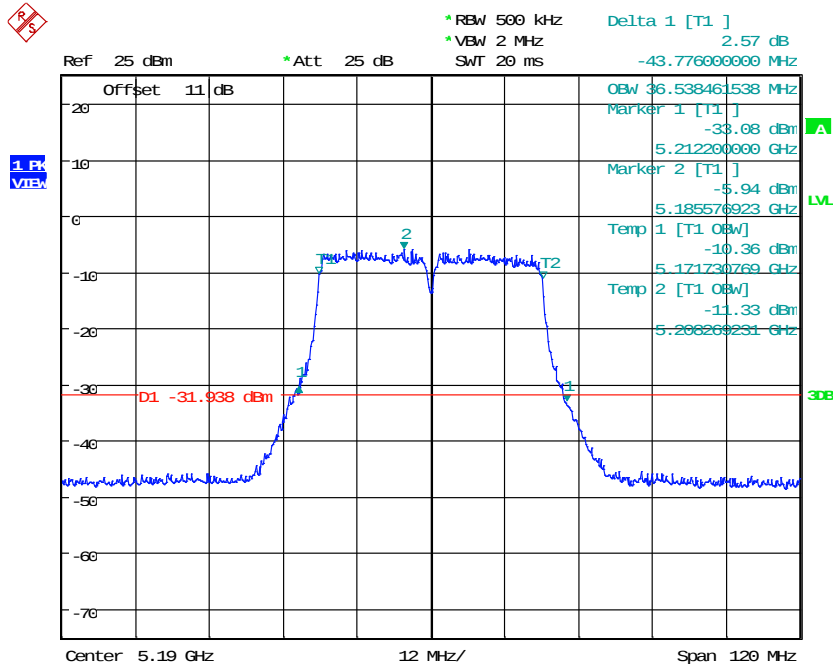
99% OBW & 26DB BANDWIDTH ANT2\_11n20\_CH44  
Date: 26.NOV.2019 21:14:35



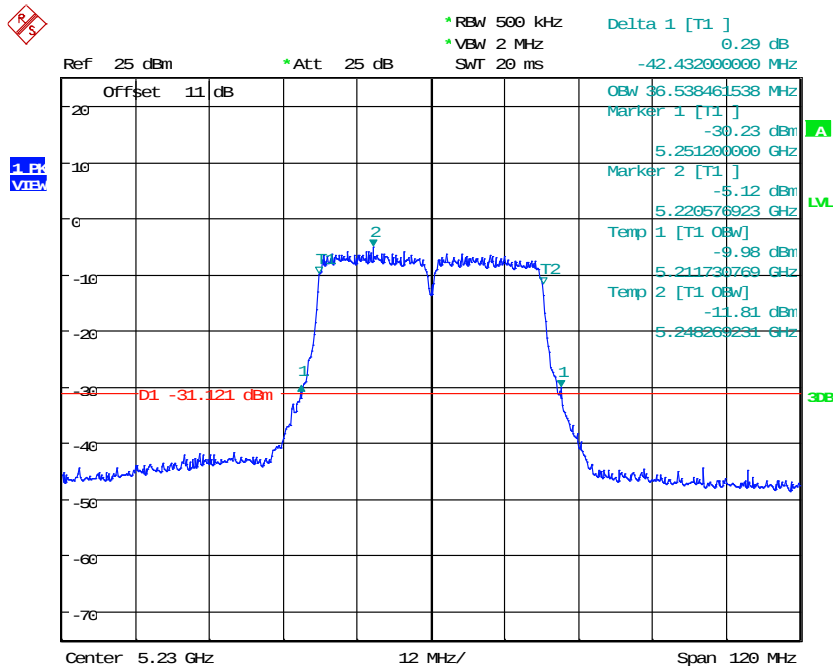
99% OBW & 26DB BANDWIDTH ANT2\_11n20\_CH48  
Date: 26.NOV.2019 21:24:40



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



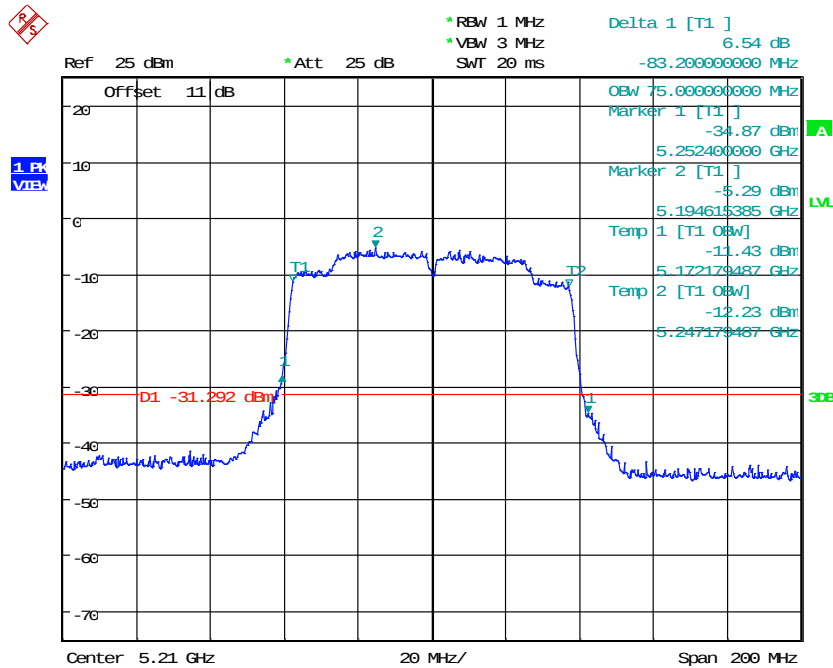
99% OBW & 26DB BANDWIDTH ANT2\_11n40\_CH38  
Date: 26.NOV.2019 21:26:35



99% OBW & 26DB BANDWIDTH ANT2\_11n40\_CH46  
Date: 26.NOV.2019 21:27:58



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



99% OBW & 26DB BANDWIDTH ANT2\_11ac80\_CH42  
Date: 26.NOV.2019 21:30:43

Test equipment used: ETSTW-RE 055, ETSTW-RE 050



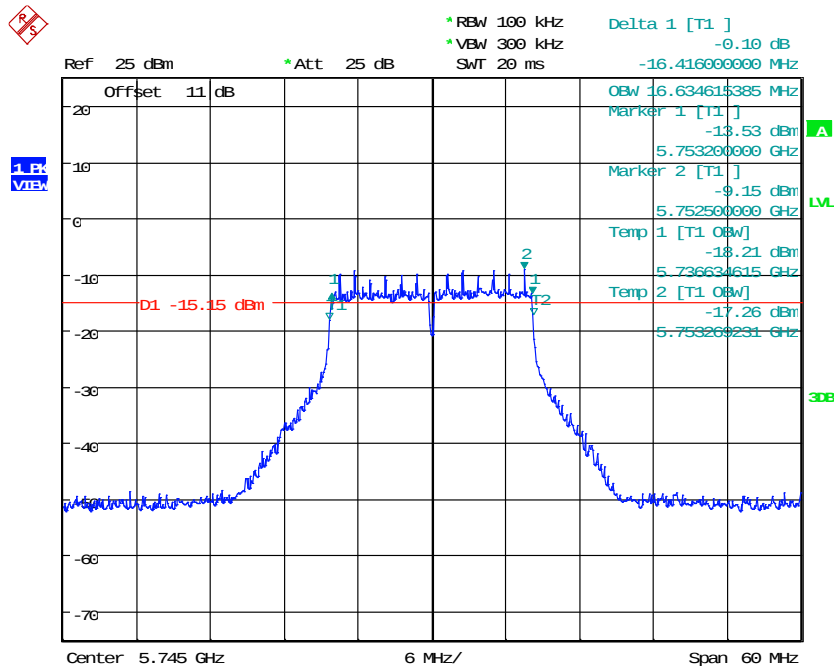
Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14

### 3.3 6dB emission bandwidth, 99% Occupied Bandwidth, FCC 15.407 (a)

According to §15.407(a). No Limit required.

Result:

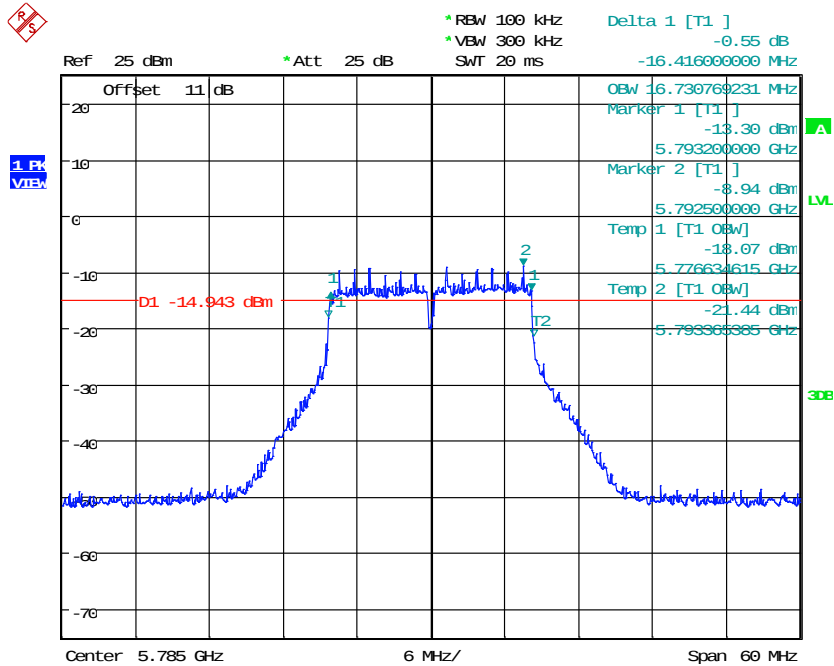
**ANT 1**  
**5.725 GHz ~ 5.85 GHz**



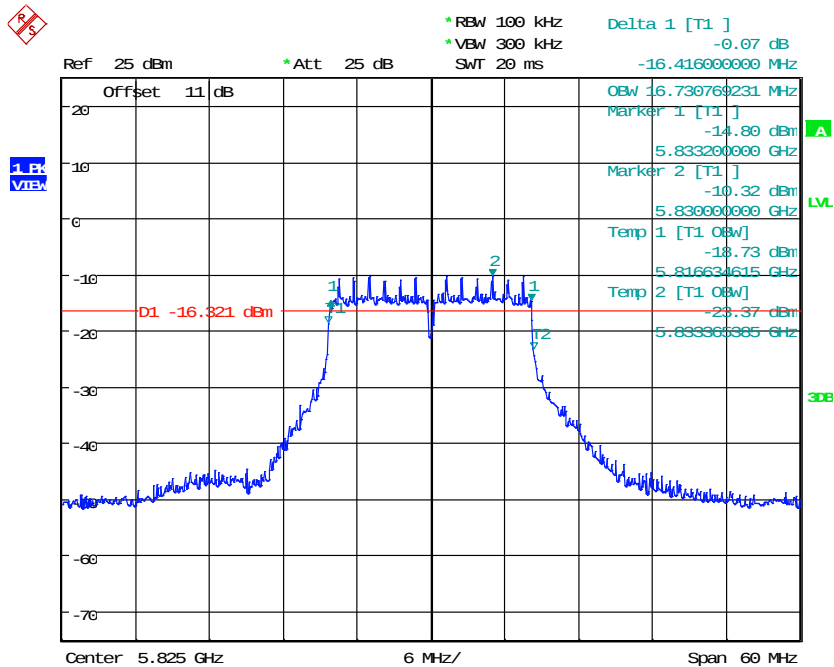
99% OBW & 6DB BANDWIDTH ANT1\_11a\_CH149  
Date: 27.NOV.2019 19:41:54



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



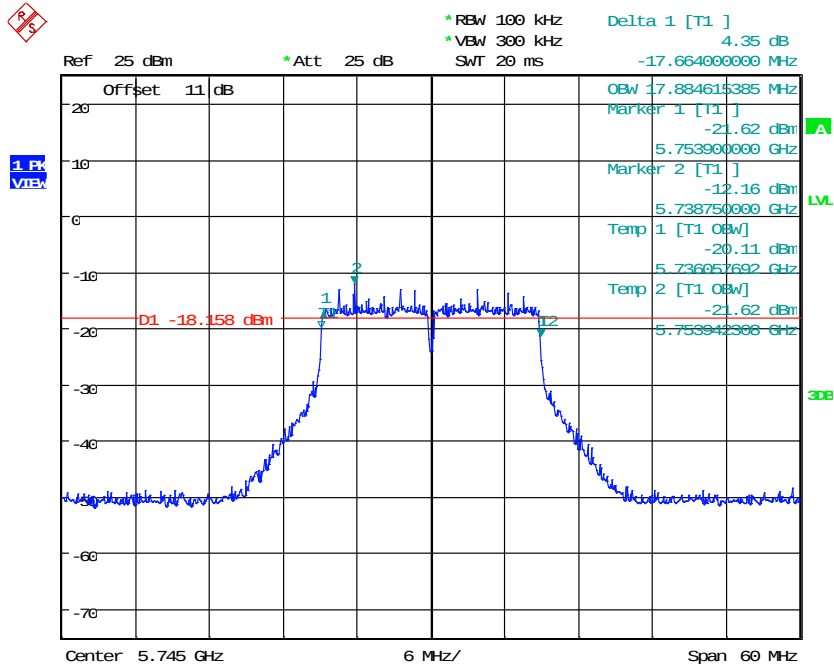
99% OBW & 6DB BANDWIDTH ANT1\_11a\_CH157  
Date: 27.NOV.2019 19:43:33



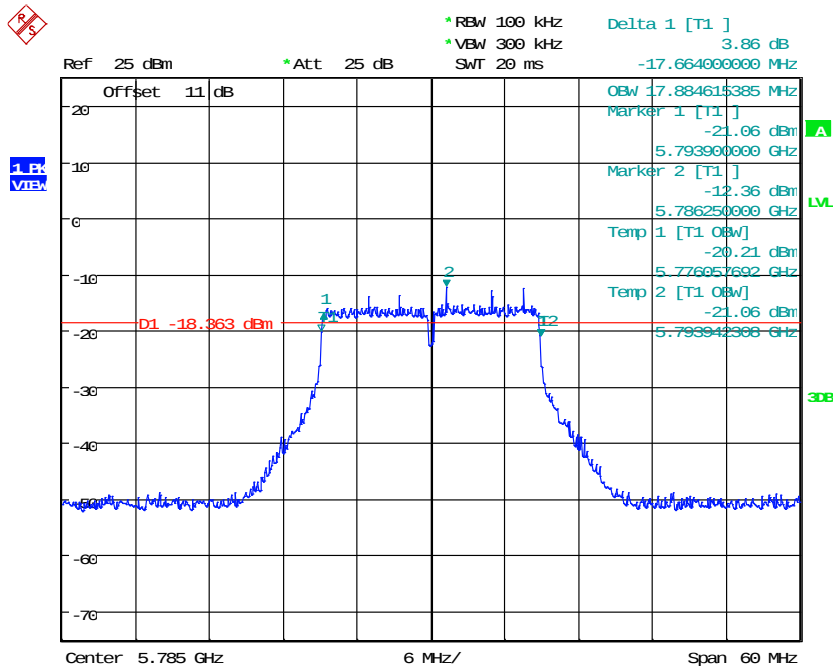
99% OBW & 6DB BANDWIDTH ANT1\_11a\_CH165  
Date: 27.NOV.2019 19:45:45



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



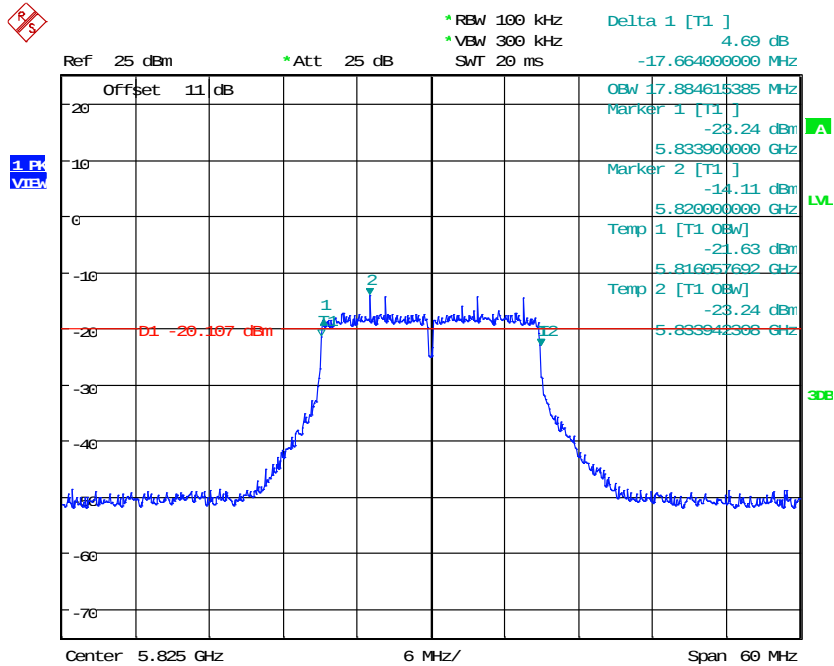
99% OBW & 6DB BANDWIDTH ANT1\_11n20\_CH149  
Date: 27.NOV.2019 19:47:29



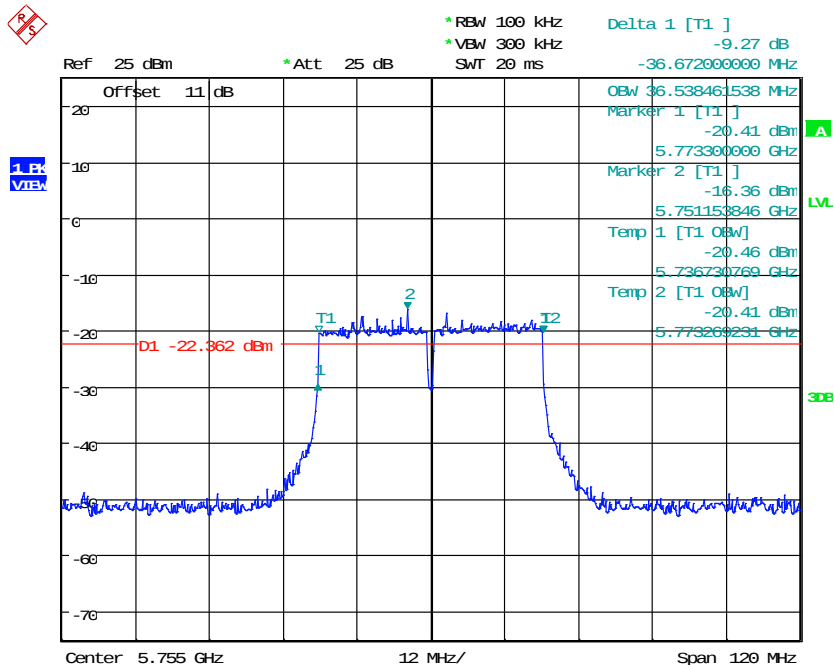
99% OBW & 6DB BANDWIDTH ANT1\_11n20\_CH157  
Date: 27.NOV.2019 19:48:57



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



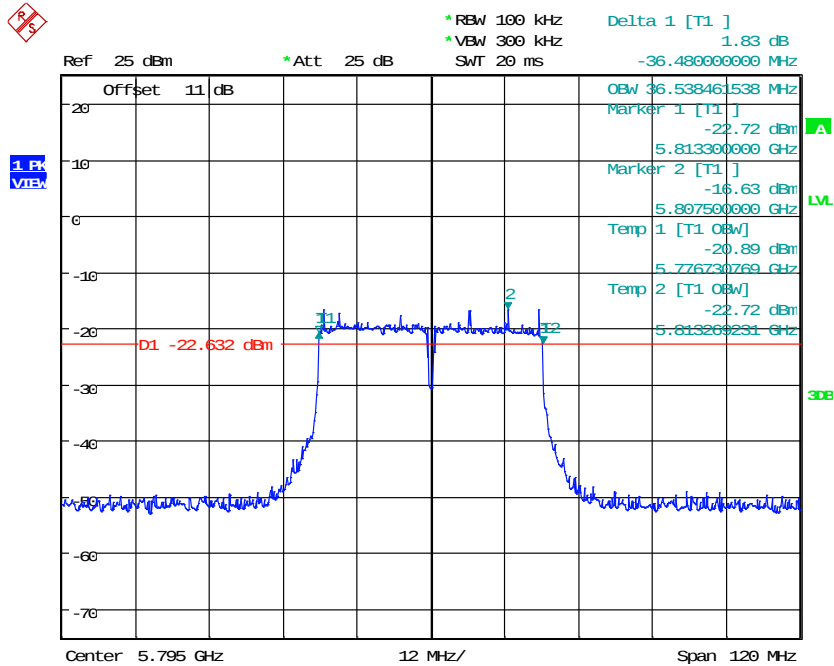
99% OBW & 6DB BANDWIDTH ANT1\_11n20\_CH165  
Date: 27.NOV.2019 19:50:47



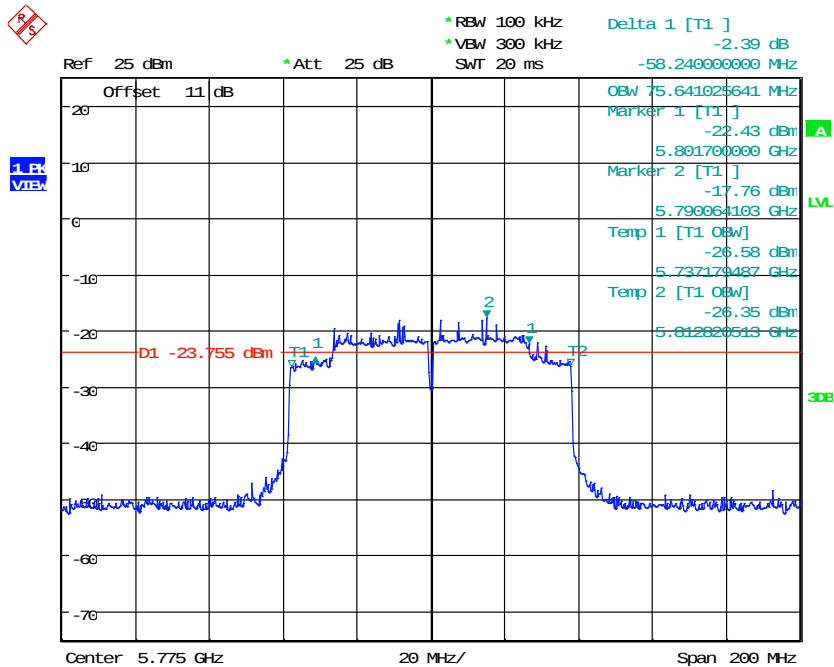
99% OBW & 6DB BANDWIDTH ANT1\_11n40\_CH151  
Date: 27.NOV.2019 19:53:32



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



99% OBW & 6DB BANDWIDTH ANT1\_11n40\_CH159  
Date: 27.NOV.2019 19:54:55



99% OBW & 6DB BANDWIDTH ANT1\_11ac80\_CH155  
Date: 27.NOV.2019 19:58:13



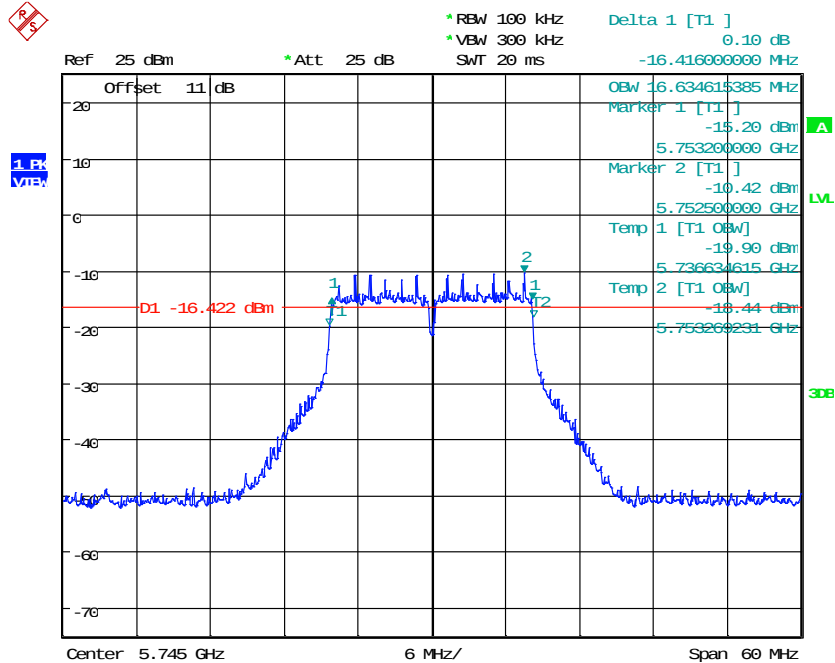
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21911-19475-C-54

FCC ID: IR5RW14

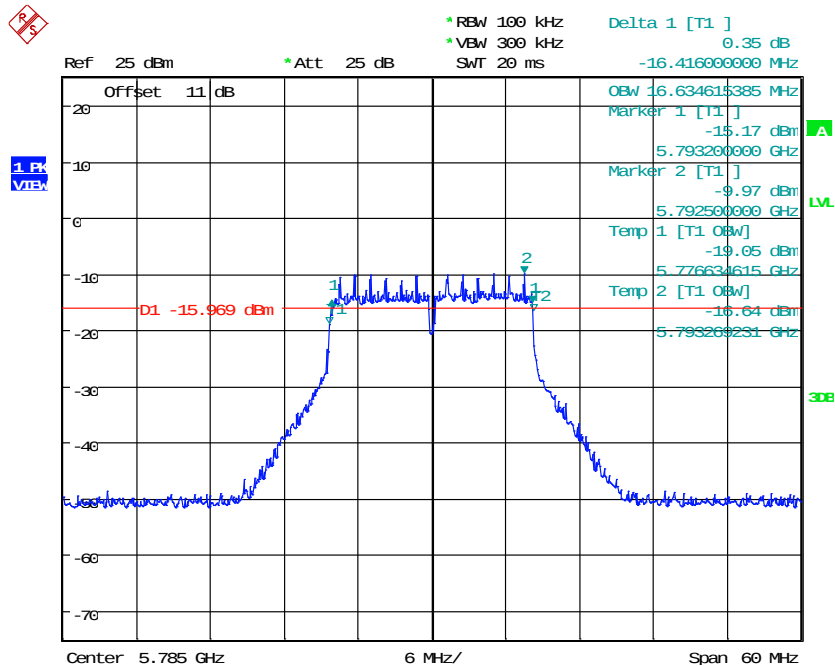
ANT 2

5.725 GHz ~ 5.85 GHz



99% OBW & 6DB BANDWIDTH ANT2\_11a\_CH149

Date: 27.NOV.2019 20:08:07

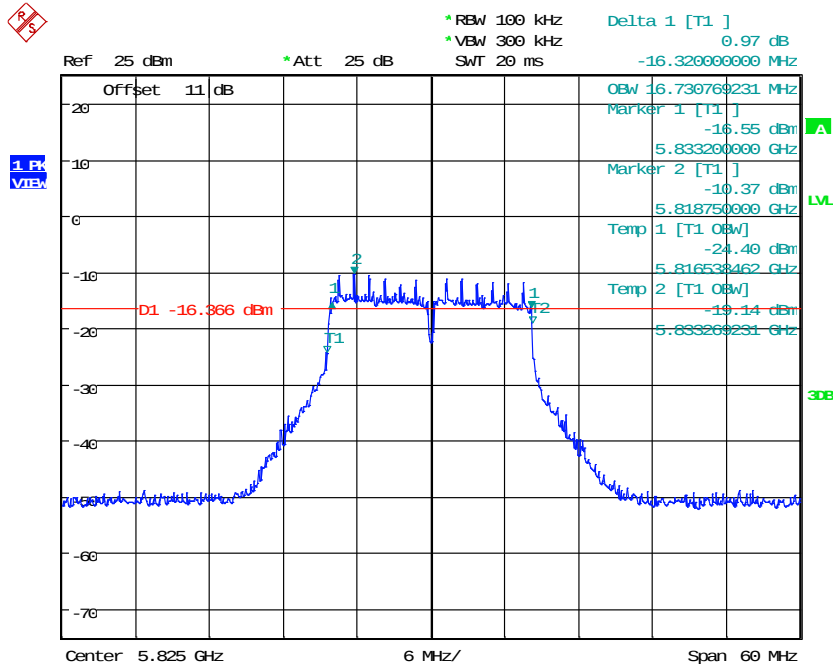


99% OBW & 6DB BANDWIDTH ANT2\_11a\_CH157

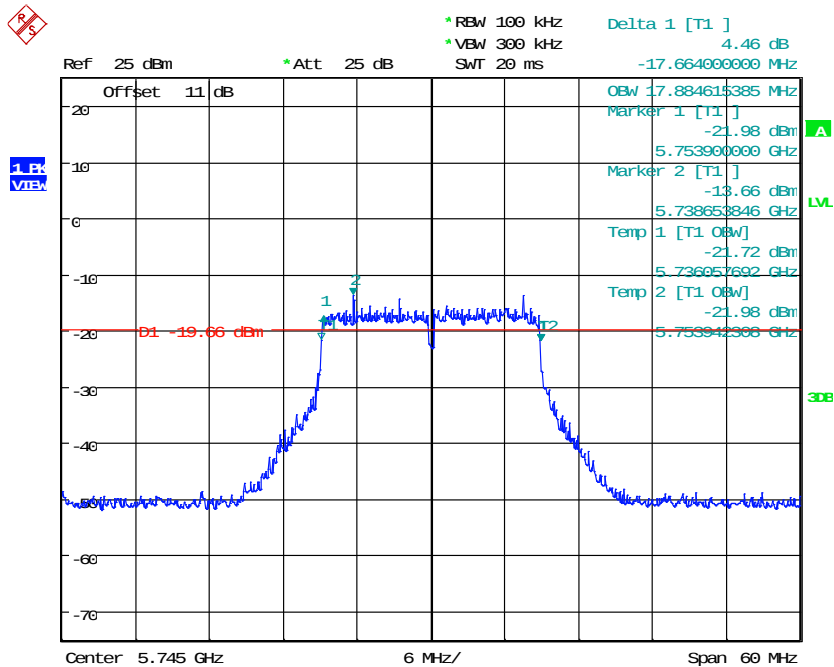
Date: 27.NOV.2019 20:09:29



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



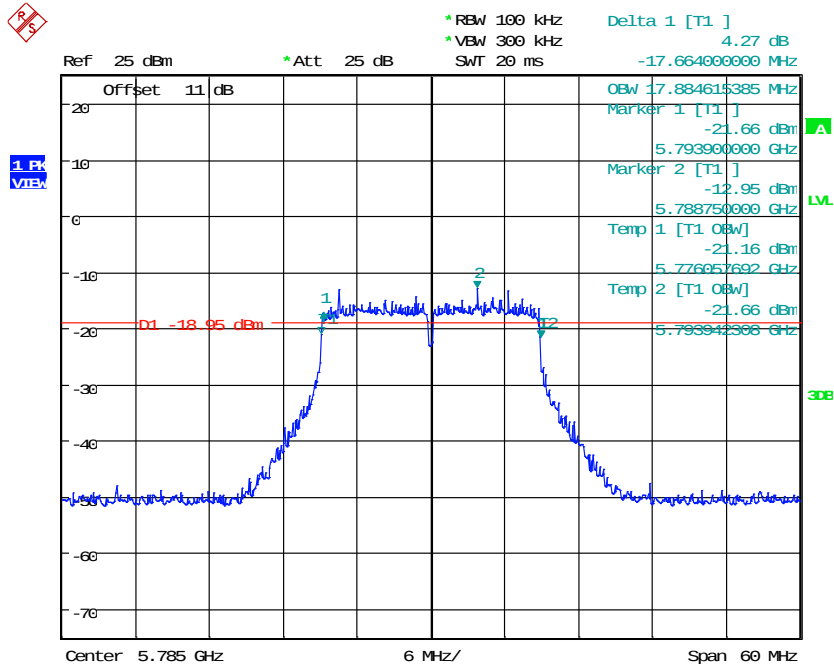
99% OBW & 6DB BANDWIDTH ANT2\_11a\_CH165  
Date: 27.NOV.2019 20:10:57



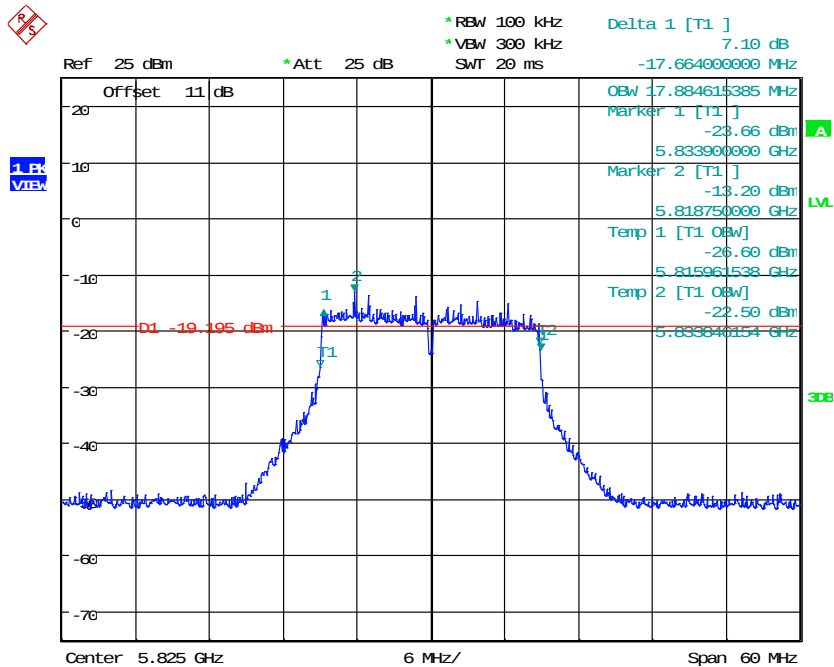
99% OBW & 6DB BANDWIDTH ANT2\_11n20\_CH149  
Date: 27.NOV.2019 20:12:36



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



99% OBW & 6DB BANDWIDTH ANT2\_11n20\_CH157  
Date: 27.NOV.2019 20:16:05

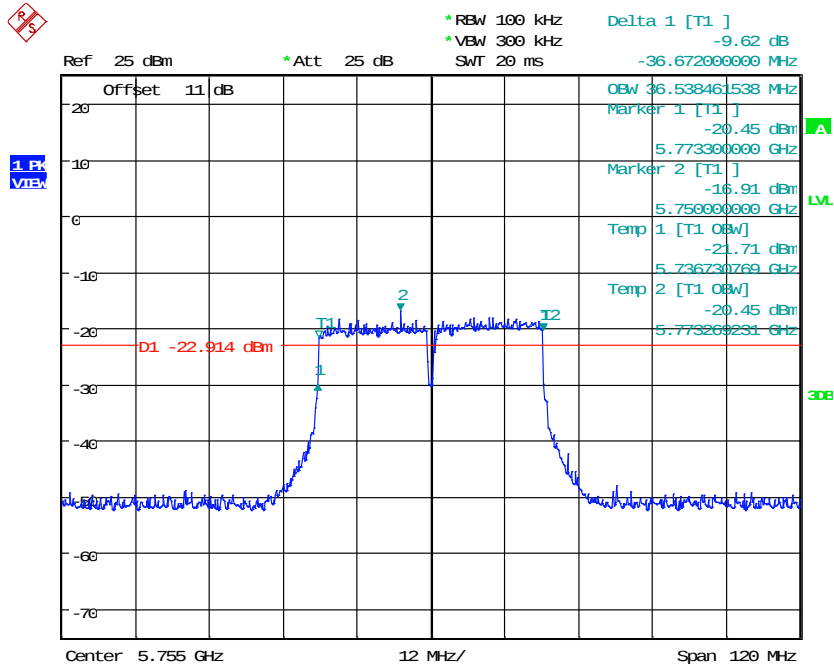


99% OBW & 6DB BANDWIDTH ANT2\_11n20\_CH165  
Date: 27.NOV.2019 20:17:28

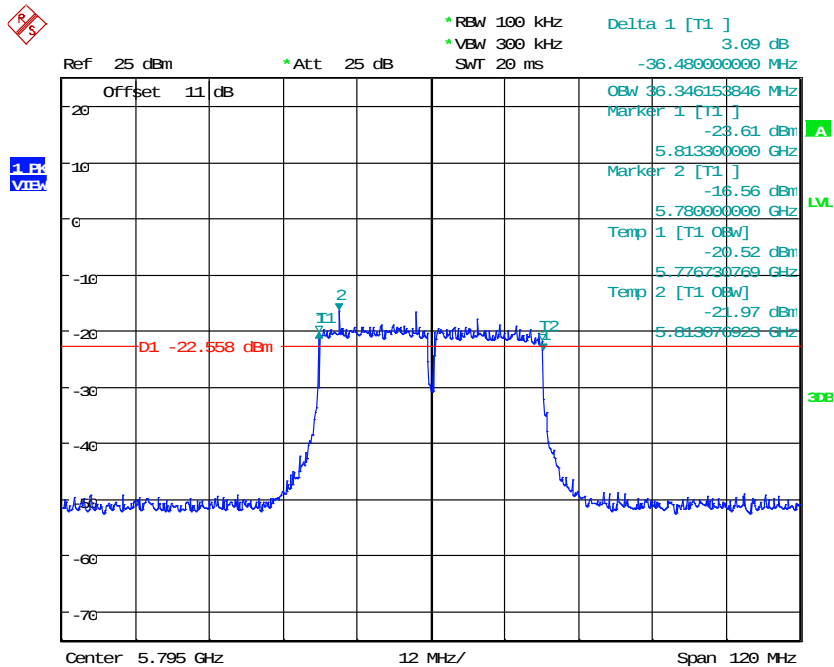


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



99% OBW & 6DB BANDWIDTH ANT2\_11n40\_CH151  
Date: 27.NOV.2019 20:28:28



99% OBW & 6DB BANDWIDTH ANT2\_11n40\_CH159  
Date: 27.NOV.2019 20:30:29

Registration number: W6M21911-19475-C-54

FCC ID: IR5RW14

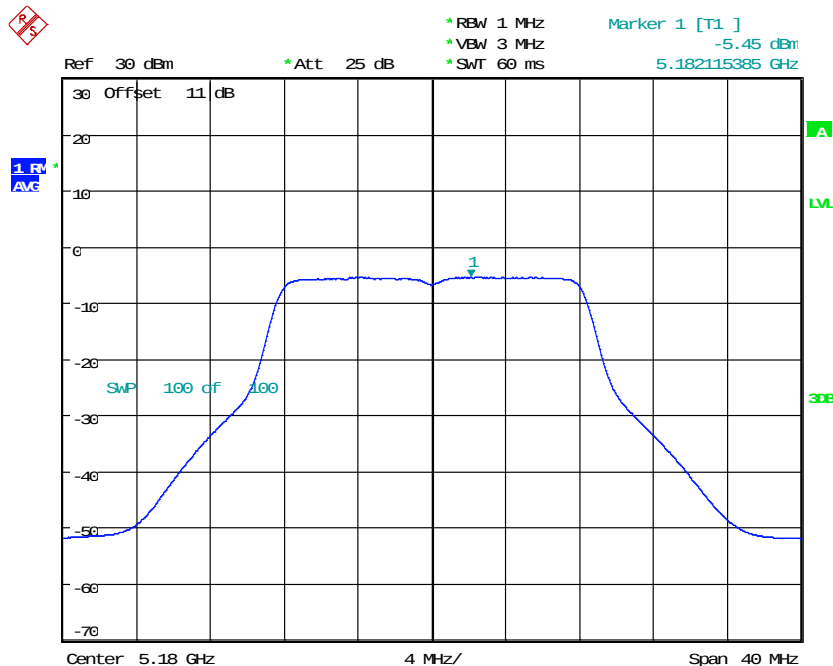
### 3.4 Peak Power Spectral Density, FCC 15.407 (a)

According to §15.407(a)

1. For the band 5.15-5.25 GHz, the peak power spectral density shall not exceed 17 dBm/MHz for master device and 11 dBm/MHz for mobile/portable client device.
2. For the band 5.25-5.35 GHz and 5.47-5.725 GHz, the peak power spectral density shall not exceed 11 dBm/MHz.
3. For the band 5.725-5.850 GHz, the peak power spectral density shall not exceed 30 dBm/500kHz.

**ANT 1**

### 5.15 GHz ~ 5.25 GHz

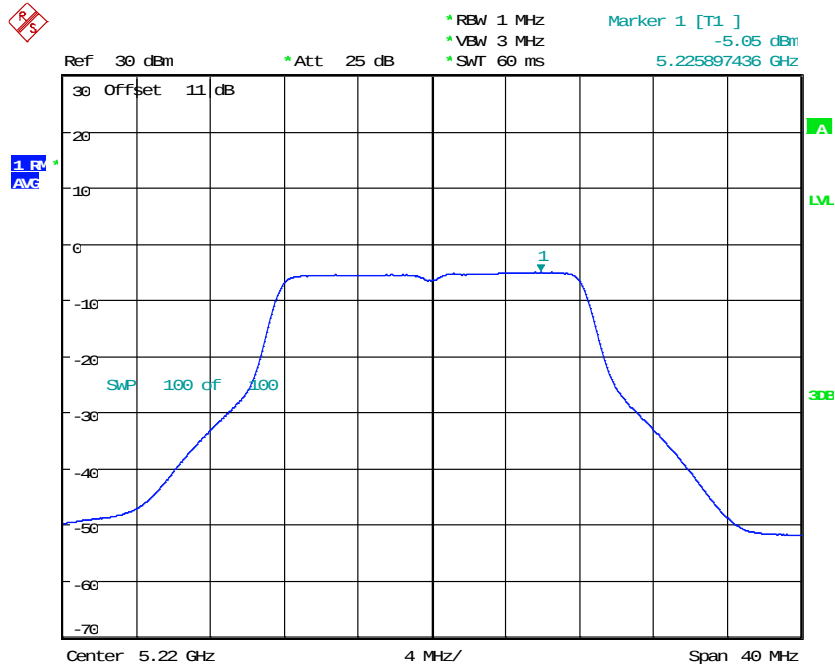


POWER DENSITY AV ANT111aCH36

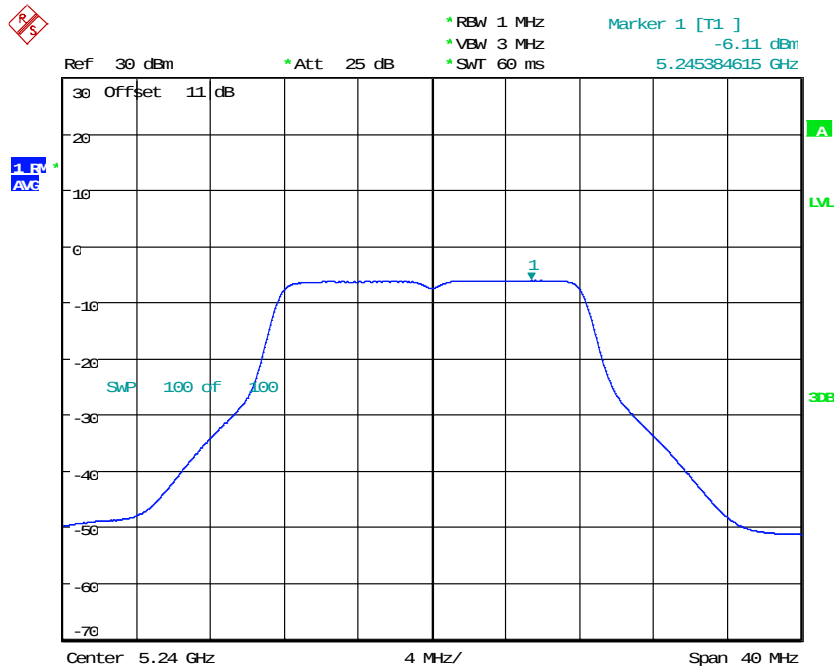
Date: 26.NOV.2019 20:12:09



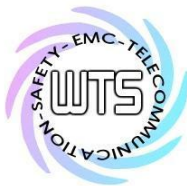
Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



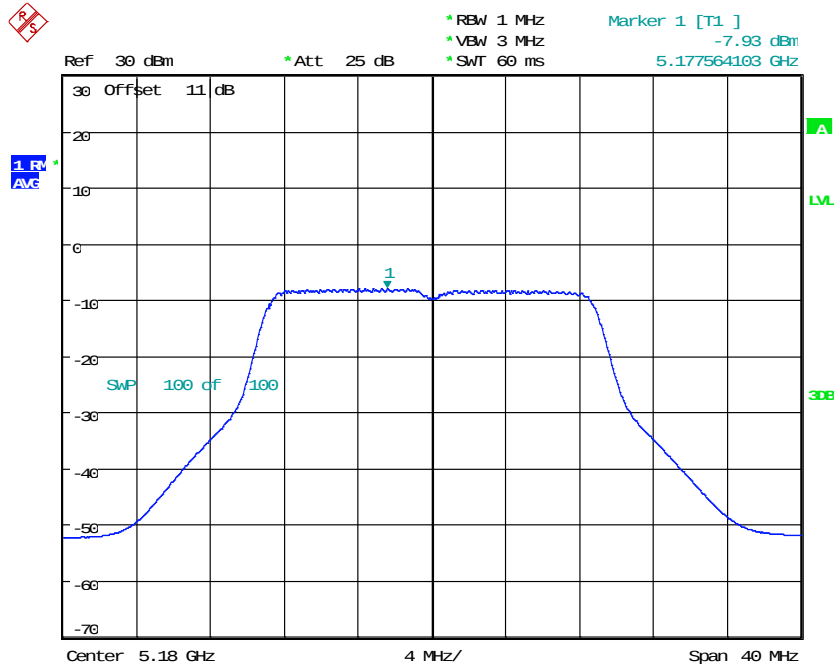
POWER DENSITY AV ANT111aCH44  
Date: 26.NOV.2019 20:13:40



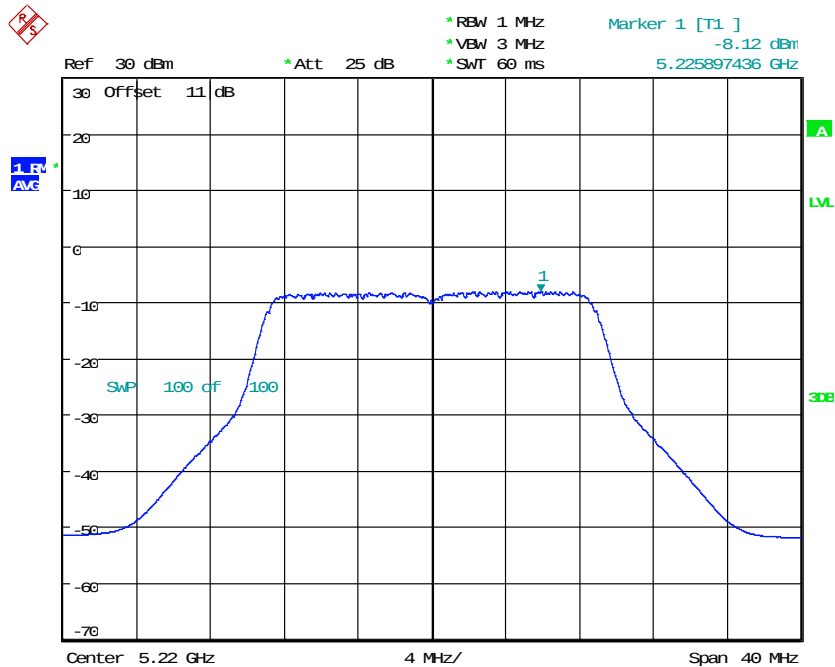
POWER DENSITY AV ANT111aCH48  
Date: 26.NOV.2019 20:15:05



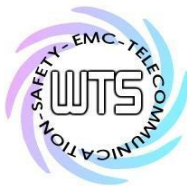
Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



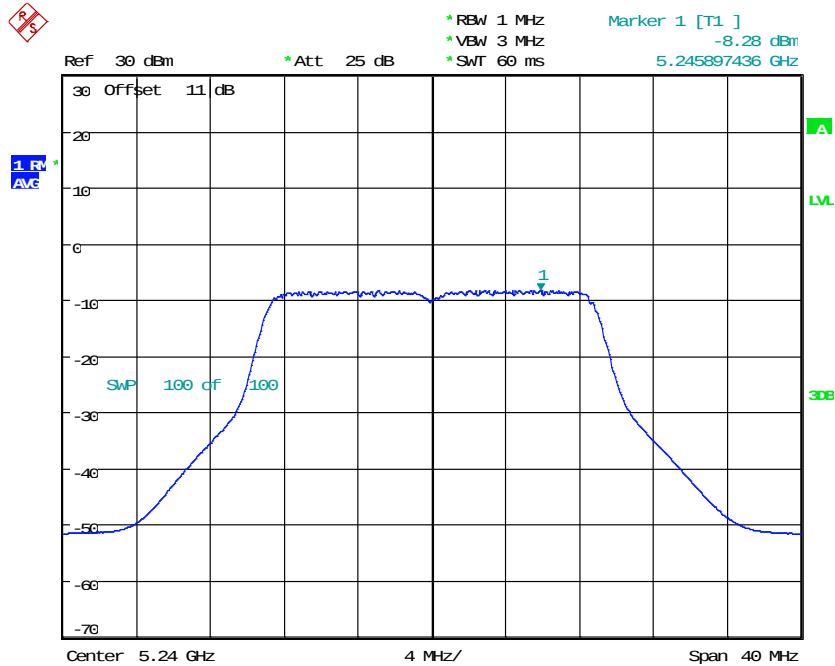
POWER DENSITY AV ANT111n20CH36  
Date: 26.NOV.2019 20:16:42



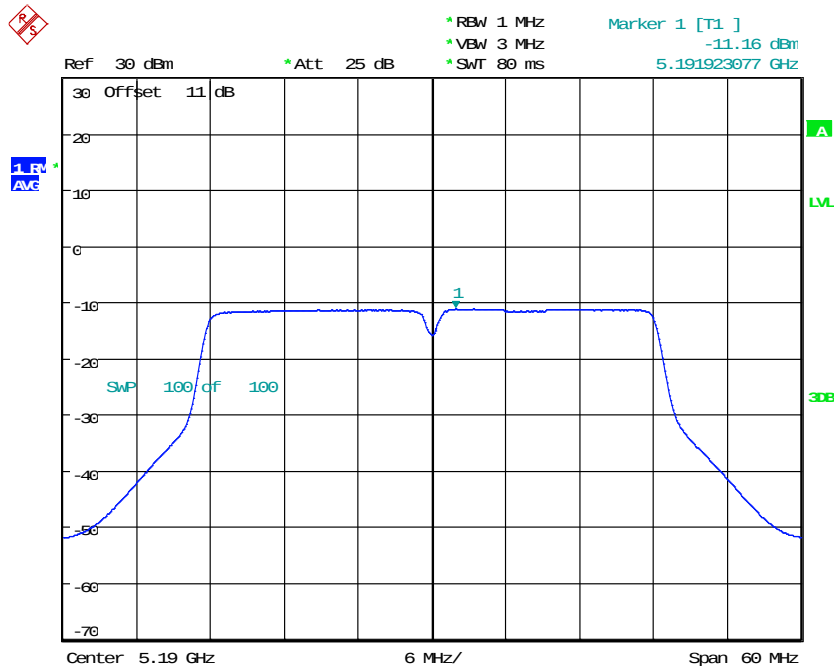
POWER DENSITY AV ANT111n20CH44  
Date: 26.NOV.2019 20:18:00



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



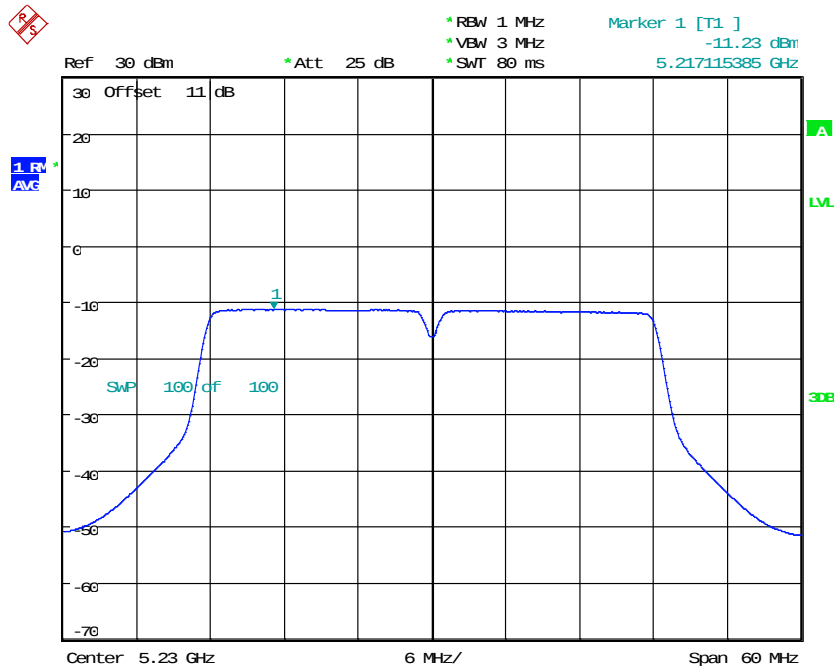
POWER DENSITY AV ANT111n20CH48  
Date: 26.NOV.2019 20:19:57



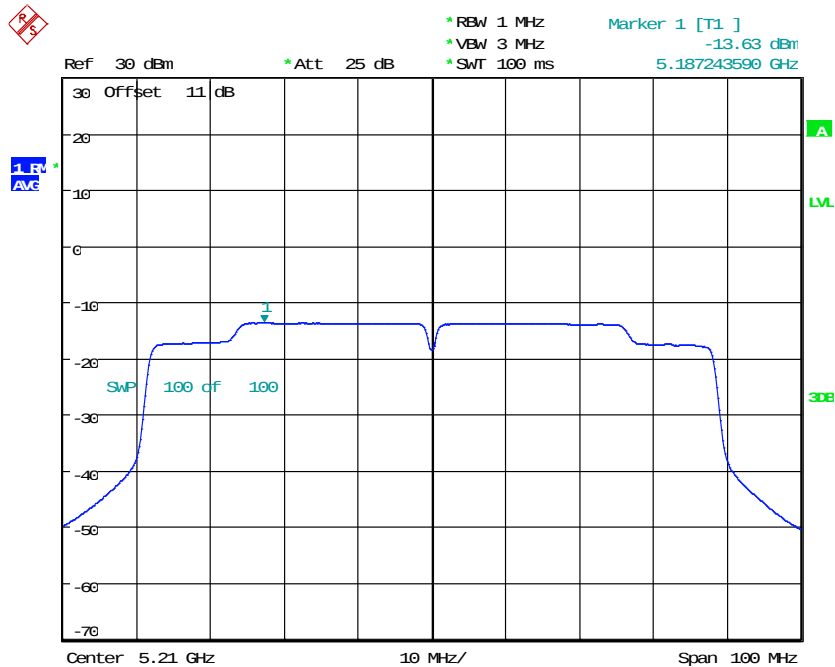
POWER DENSITY AV ANT111n40CH38  
Date: 26.NOV.2019 20:21:51



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



POWER DENSITY AV ANT111n40CH46  
Date: 26.NOV.2019 20:23:29



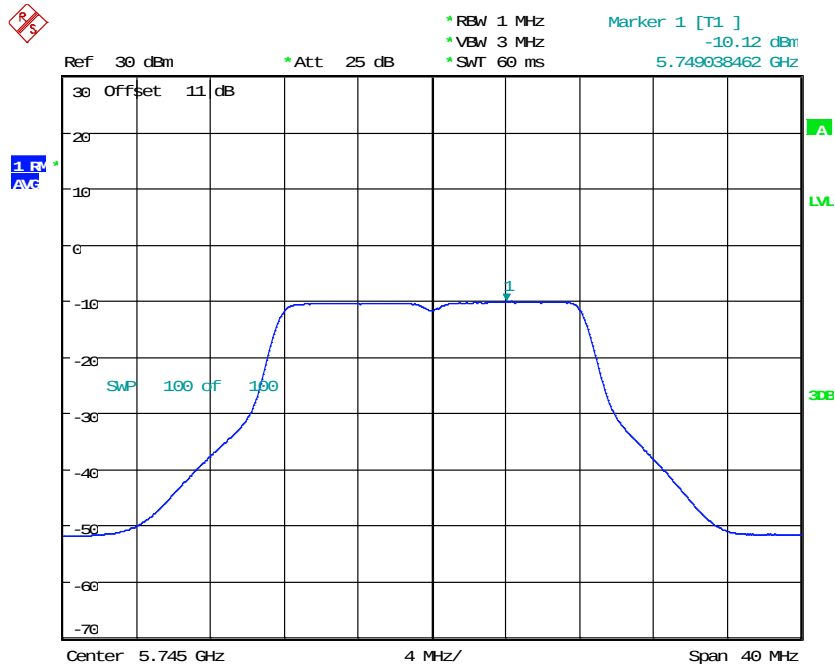
POWER DENSITY AV ANT111ac80CH42  
Date: 26.NOV.2019 20:25:33



Registration number: W6M21911-19475-C-54

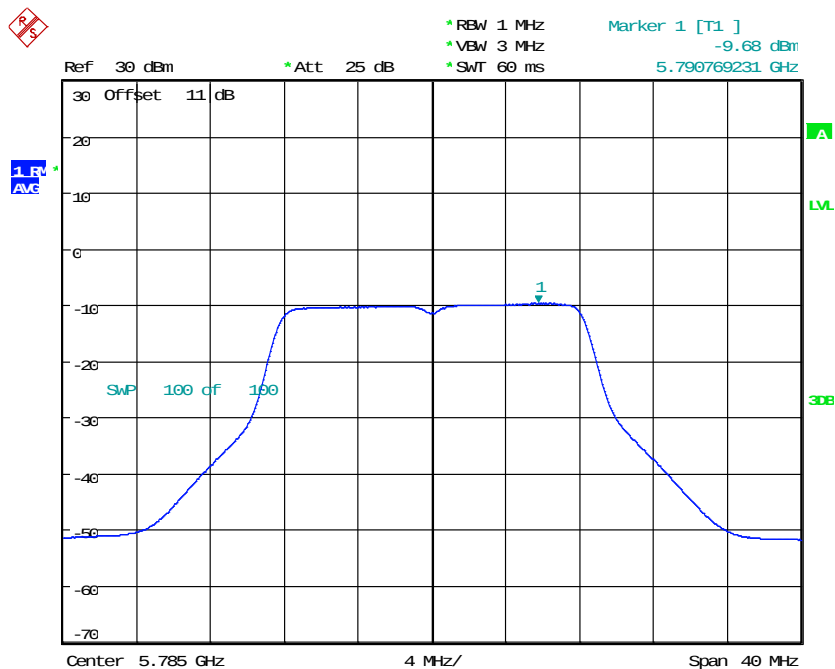
FCC ID: IR5RW14

5.725 GHz ~ 5.85 GHz



POWER DENSITY AV ANT111aCH149

Date: 27.NOV.2019 19:41:40

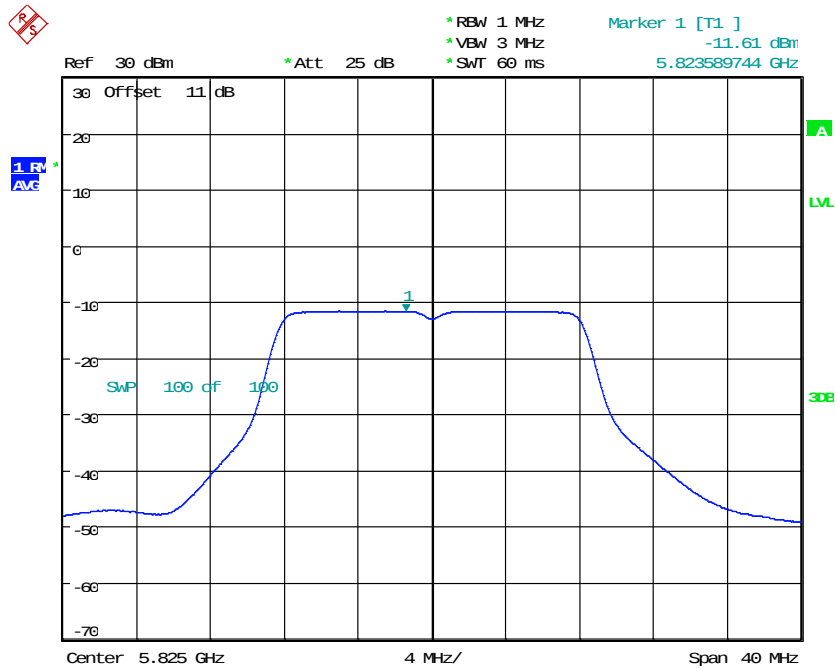


POWER DENSITY AV ANT111aCH157

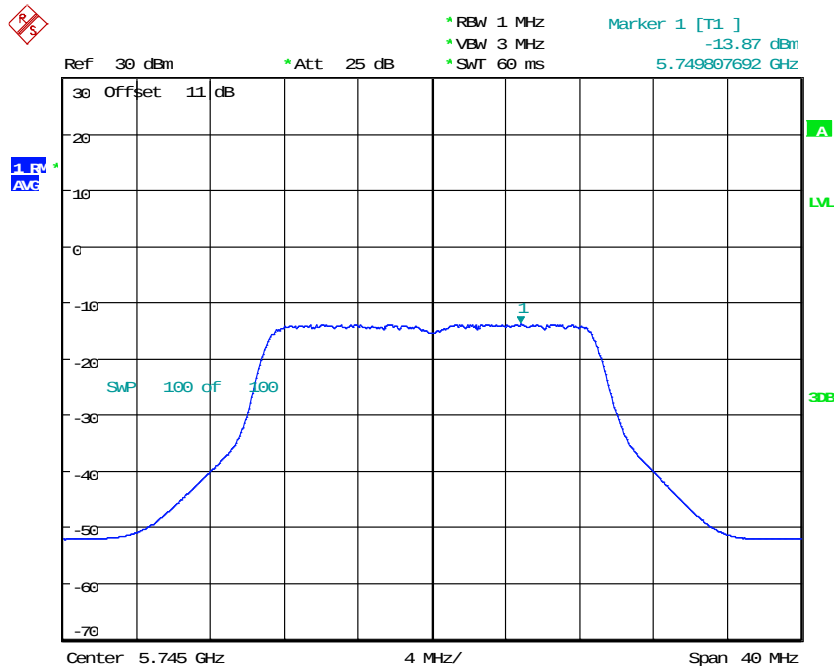
Date: 27.NOV.2019 19:43:17



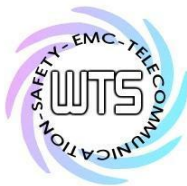
Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



POWER DENSITY AV ANT111aCH165  
Date: 27.NOV.2019 19:45:27

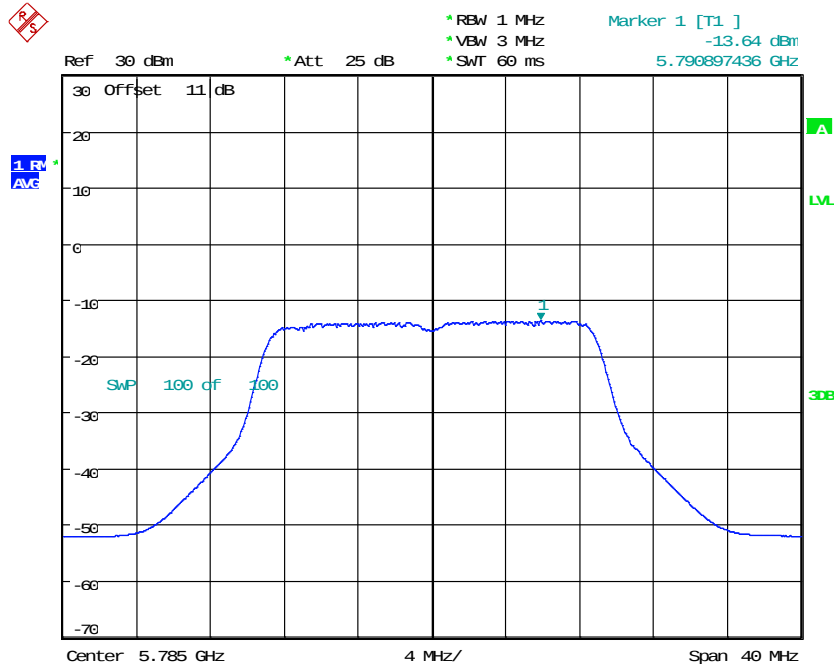


POWER DENSITY AV ANT111n20CH149  
Date: 27.NOV.2019 19:47:11

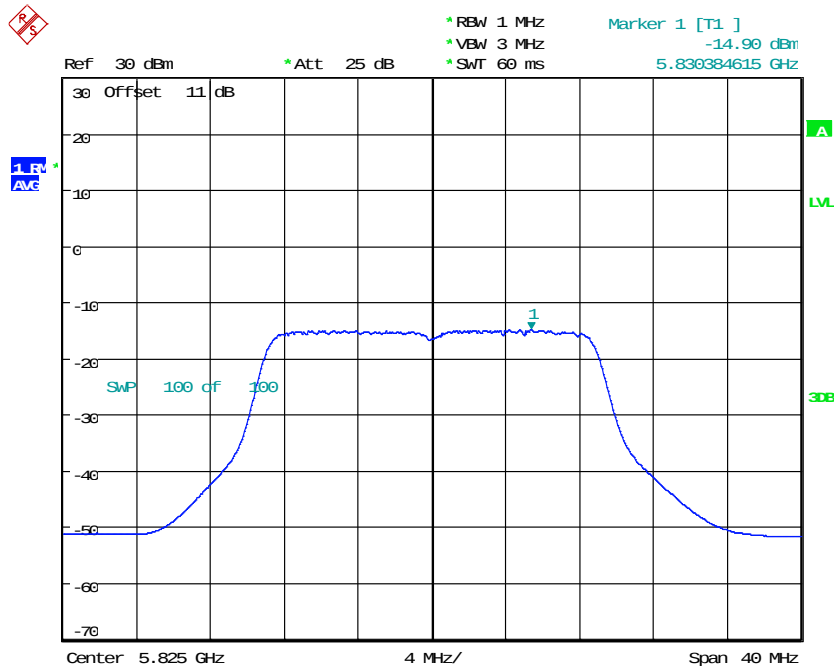


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



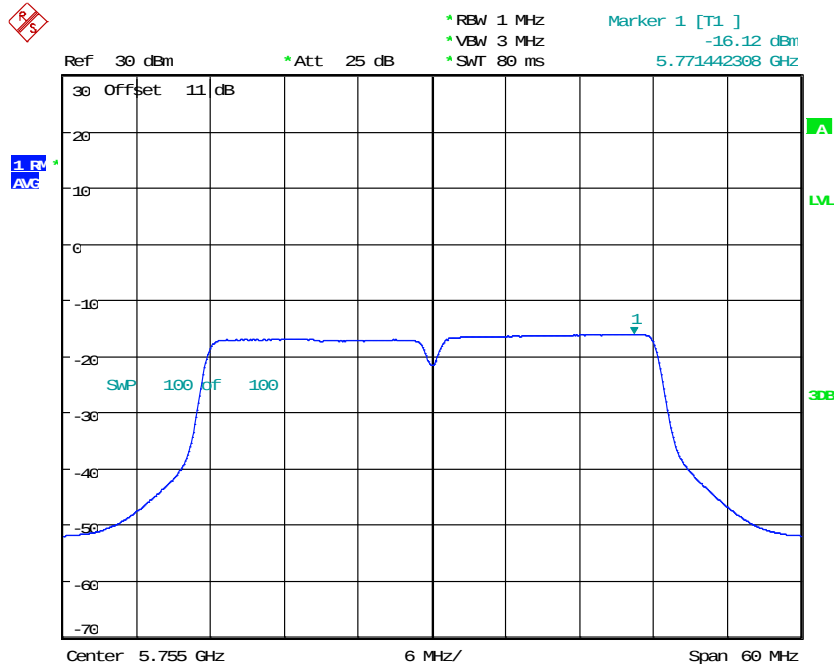
POWER DENSITY AV ANT111n20CH157  
Date: 27.NOV.2019 19:48:42



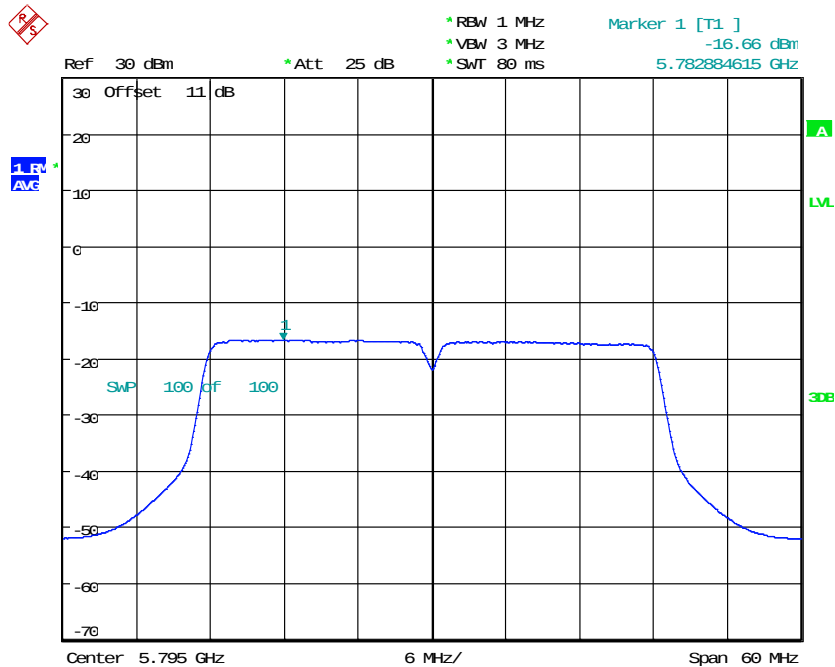
POWER DENSITY AV ANT111n20CH165  
Date: 27.NOV.2019 19:50:33



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14

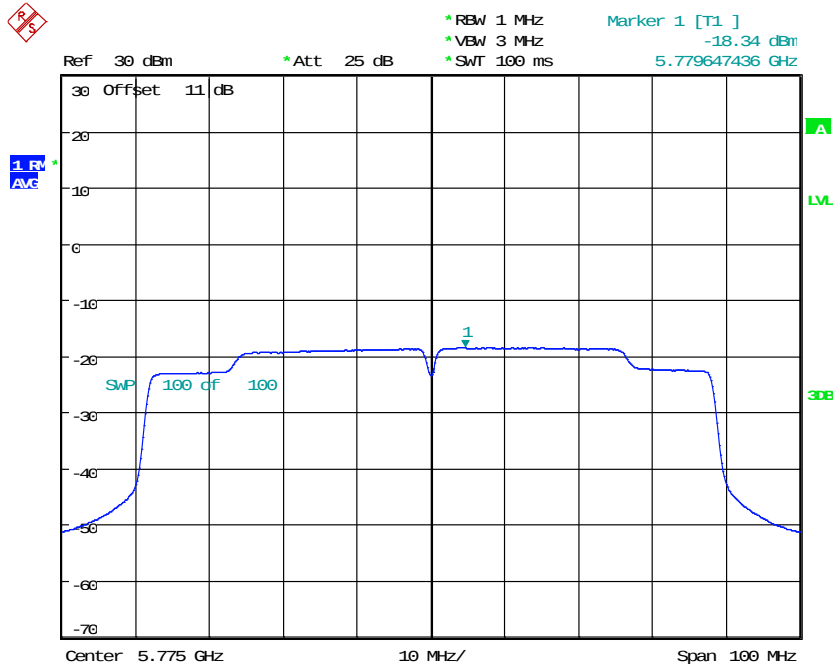


POWER DENSITY AV ANT111n40CH151  
Date: 27.NOV.2019 19:53:18



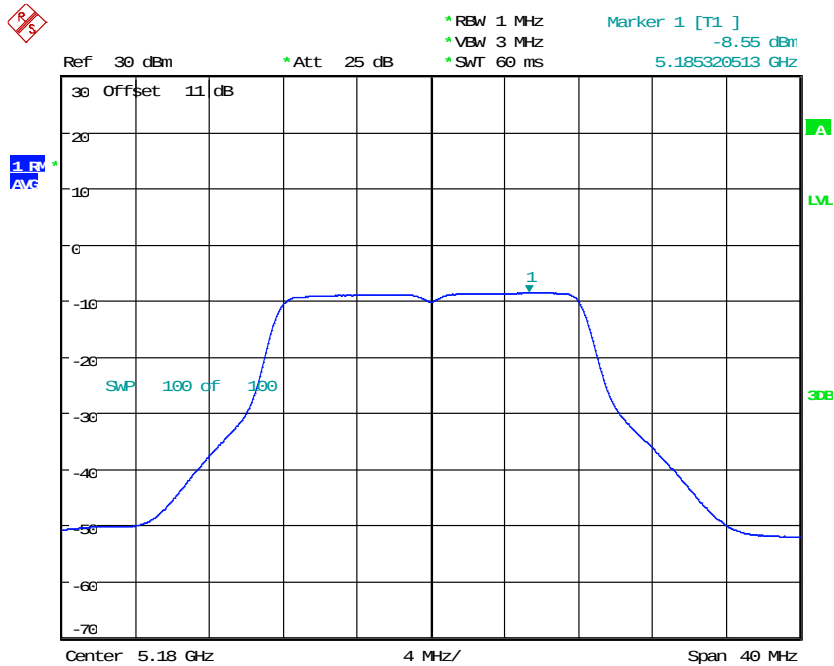
POWER DENSITY AV ANT111n40CH159  
Date: 27.NOV.2019 19:54:41

Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14

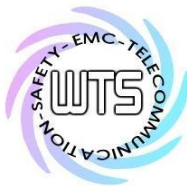


POWER DENSITY AV ANT111ac80CH155  
Date: 27.NOV.2019 19:57:54

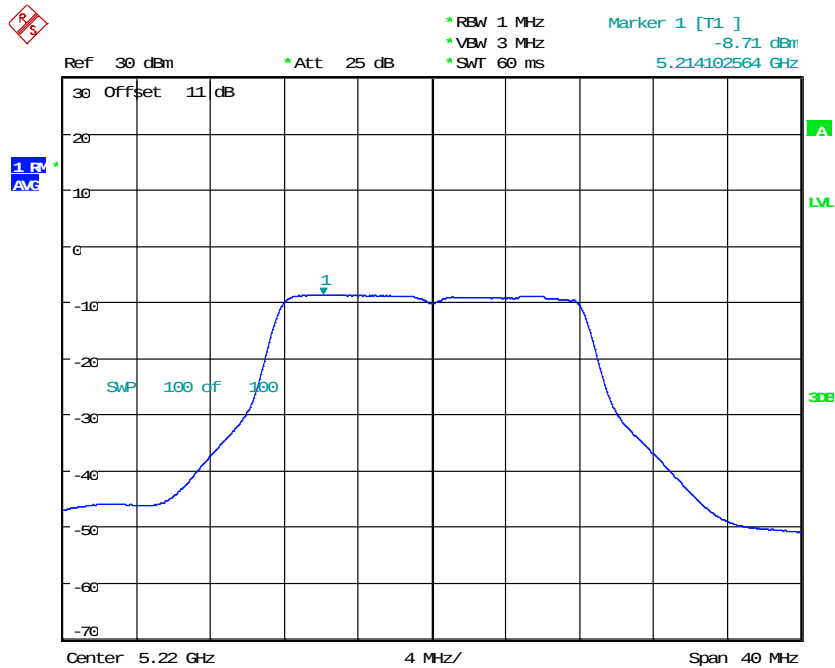
## ANT 2 5.15 GHz ~ 5.25 GHz



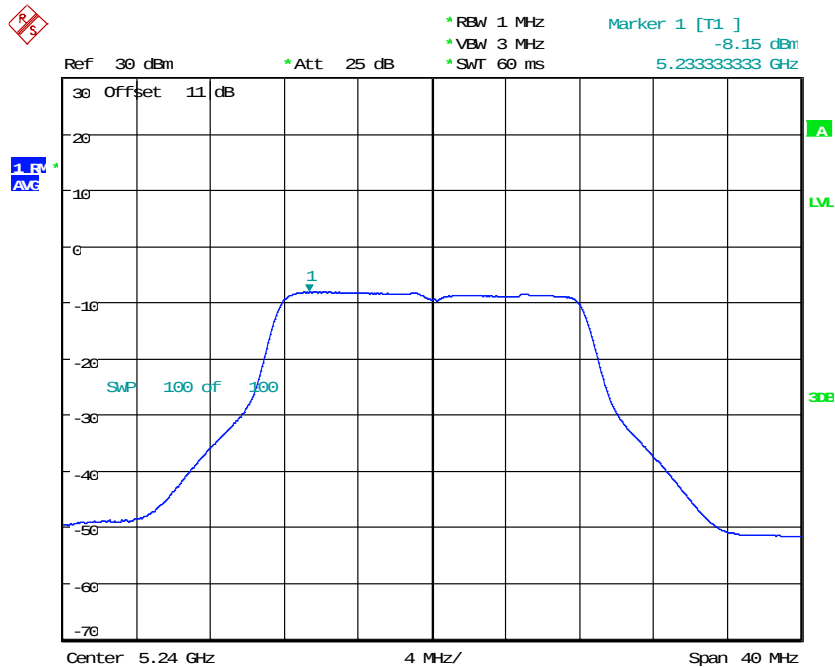
POWER DENSITY AV ANT211aCH36  
Date: 26.NOV.2019 20:39:41



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



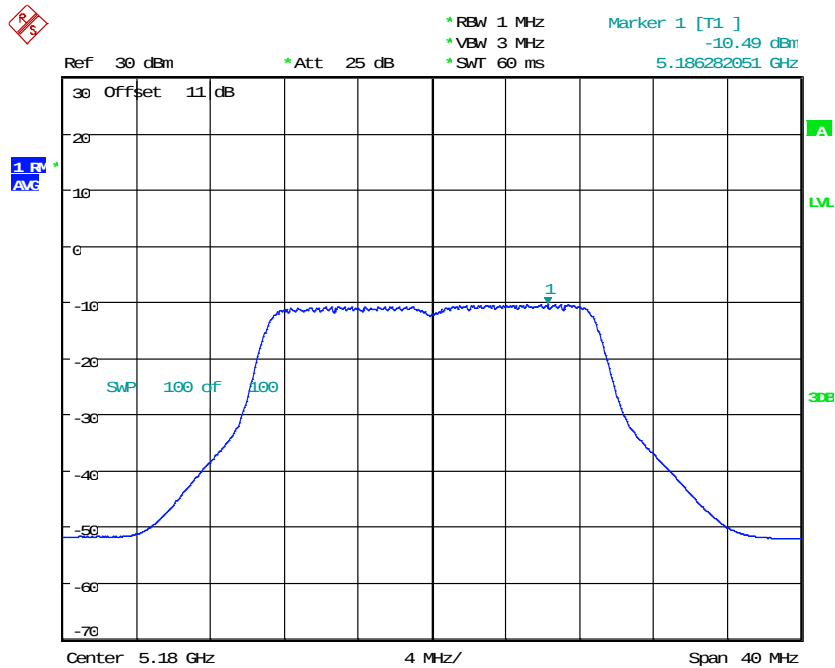
POWER DENSITY AV ANT211aCH44  
Date: 26.NOV.2019 20:40:59



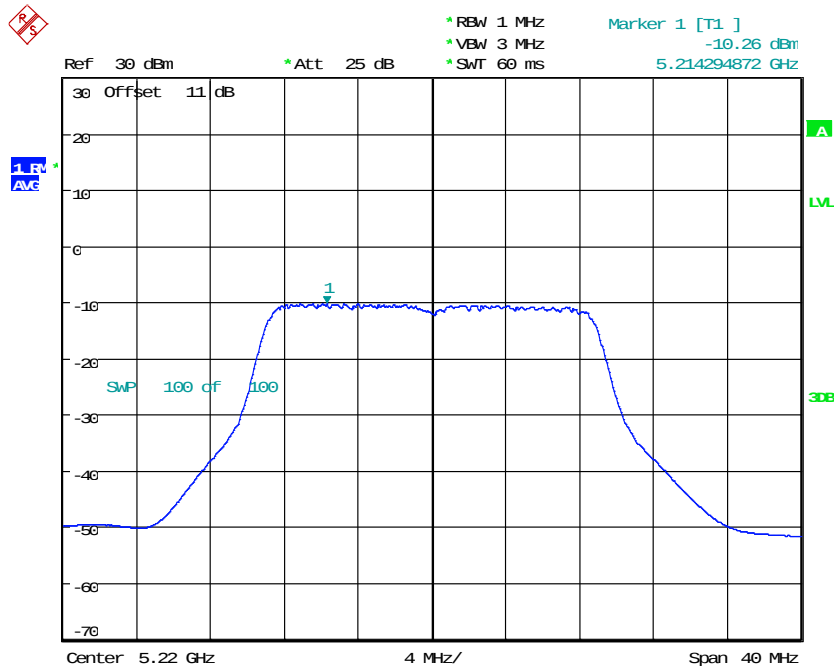
POWER DENSITY AV ANT211aCH48  
Date: 26.NOV.2019 20:42:30



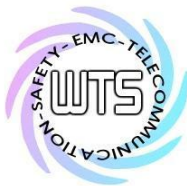
Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



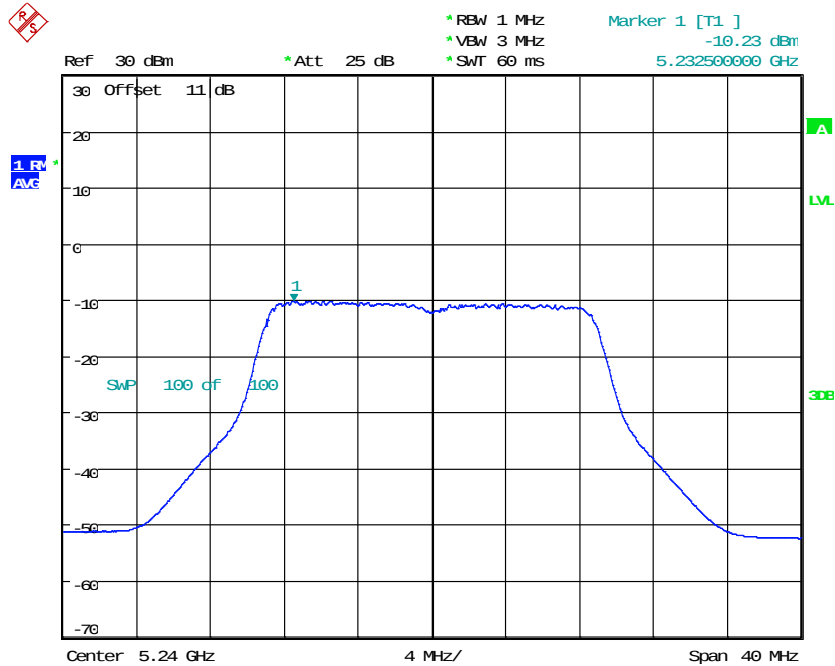
POWER DENSITY AV ANT211n20CH36  
Date: 26.NOV.2019 21:12:50



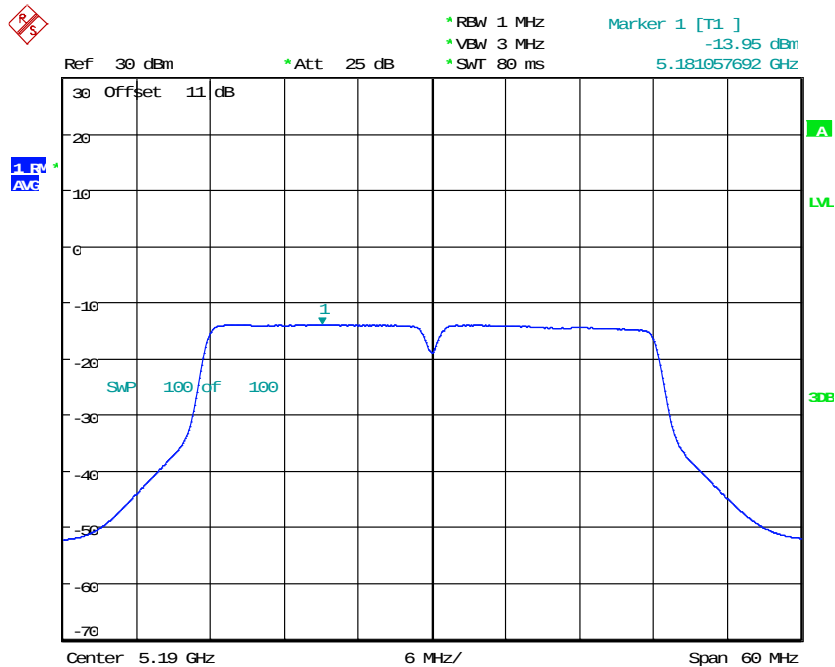
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Date: 26.NOV.2019 21:14:21



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



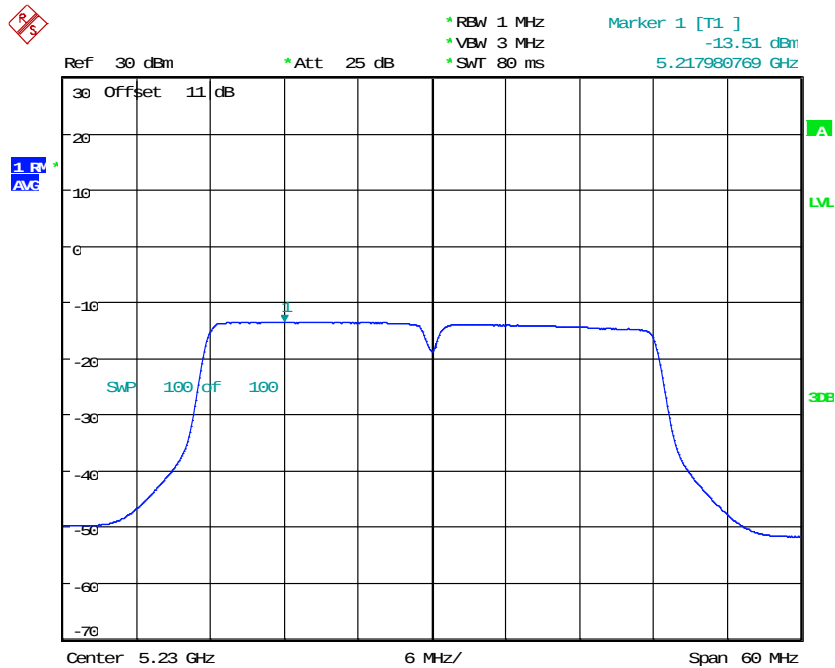
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Date: 26.NOV.2019 21:24:25



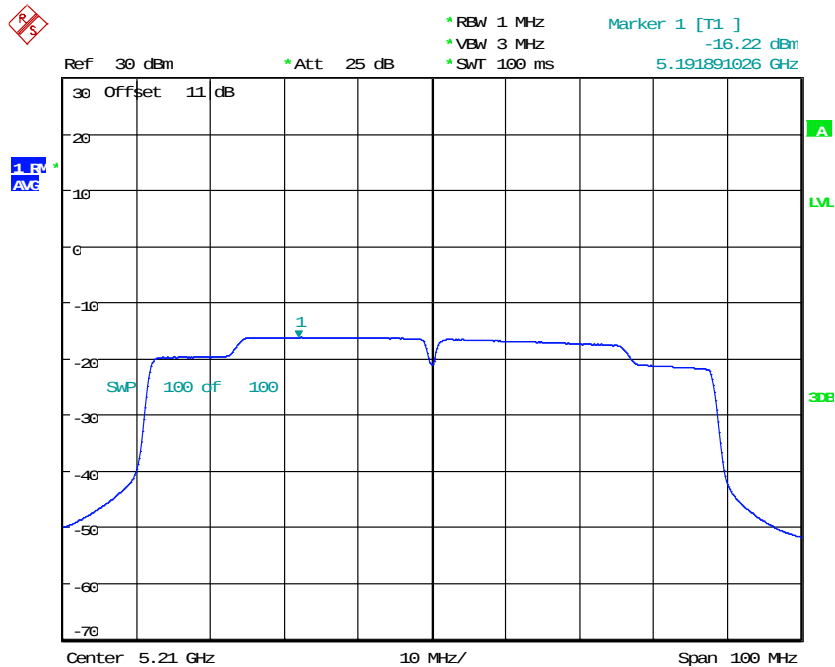
POWER DENSITY AV ANT211n40CH38  
Date: 26.NOV.2019 21:26:22



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



POWER DENSITY AV ANT211n40CH46  
Date: 26.NOV.2019 21:27:44



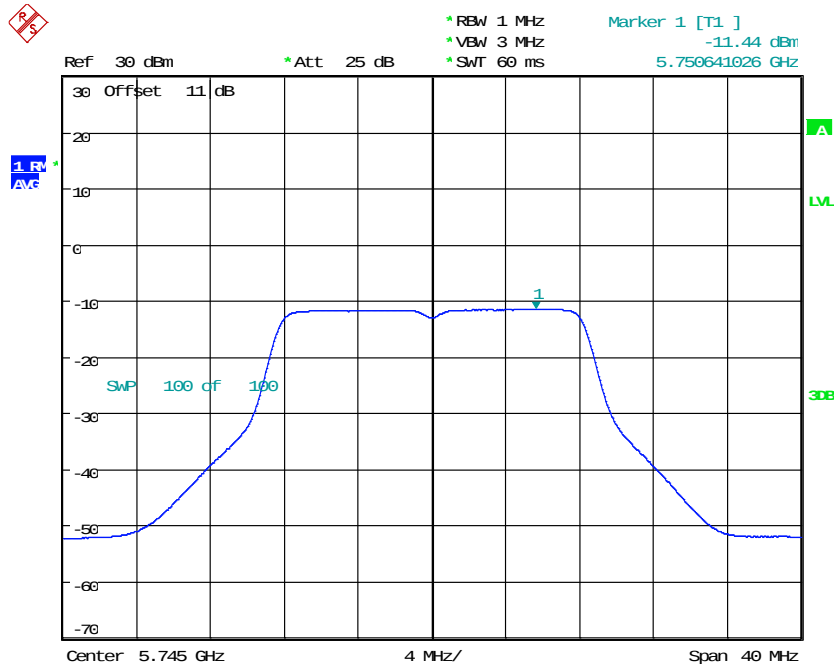
POWER DENSITY AV ANT211ac80CH42  
Date: 26.NOV.2019 21:30:26



Registration number: W6M21911-19475-C-54

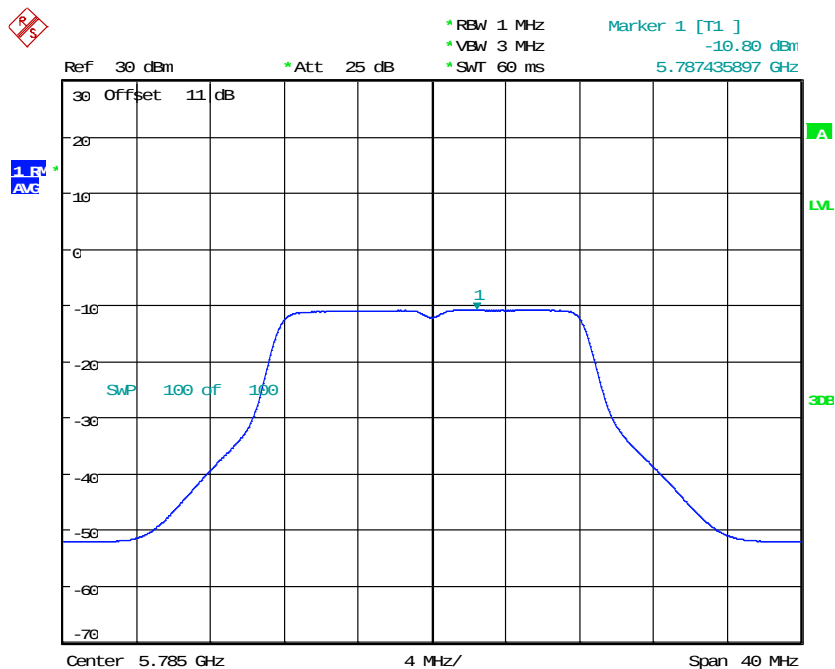
FCC ID: IR5RW14

5.725 GHz ~ 5.85 GHz



POWER DENSITY AV ANT211aCH149

Date: 27.NOV.2019 20:07:53

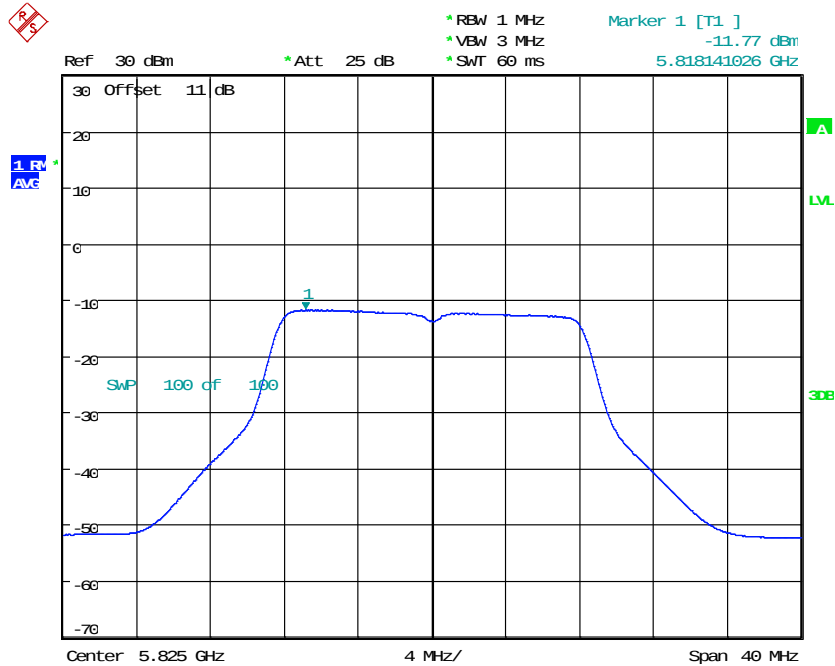


POWER DENSITY AV ANT211aCH157

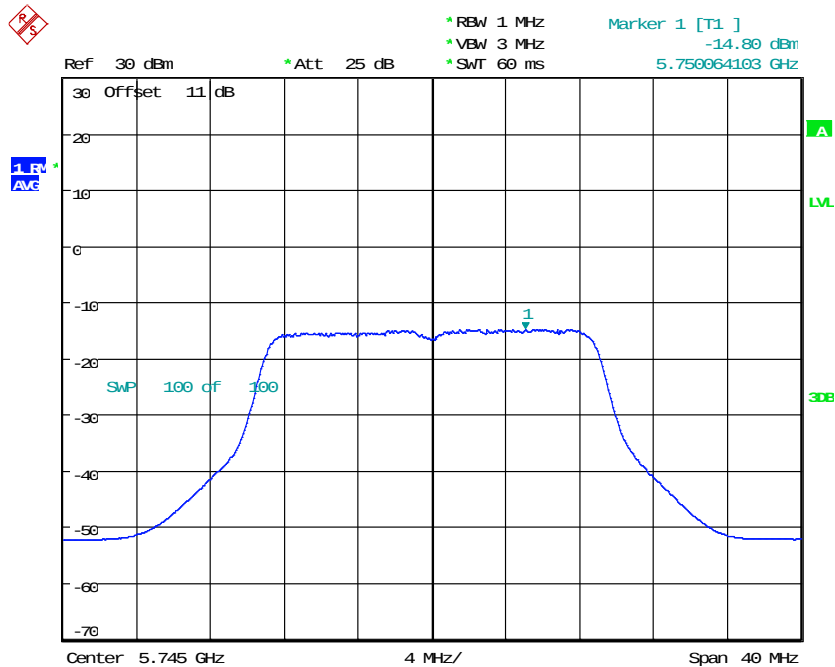
Date: 27.NOV.2019 20:09:11



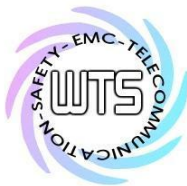
Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



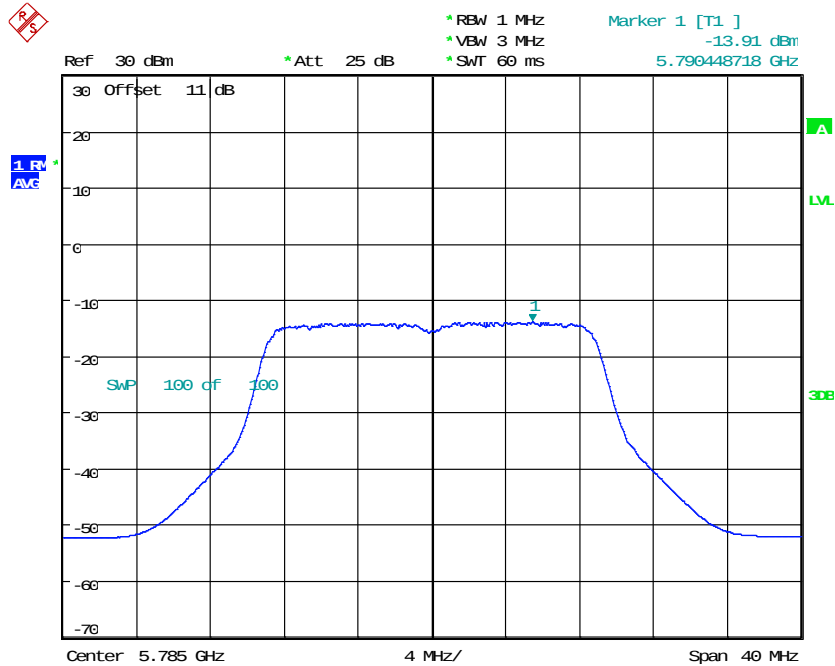
POWER DENSITY AV ANT211aCH165  
Date: 27.NOV.2019 20:10:42



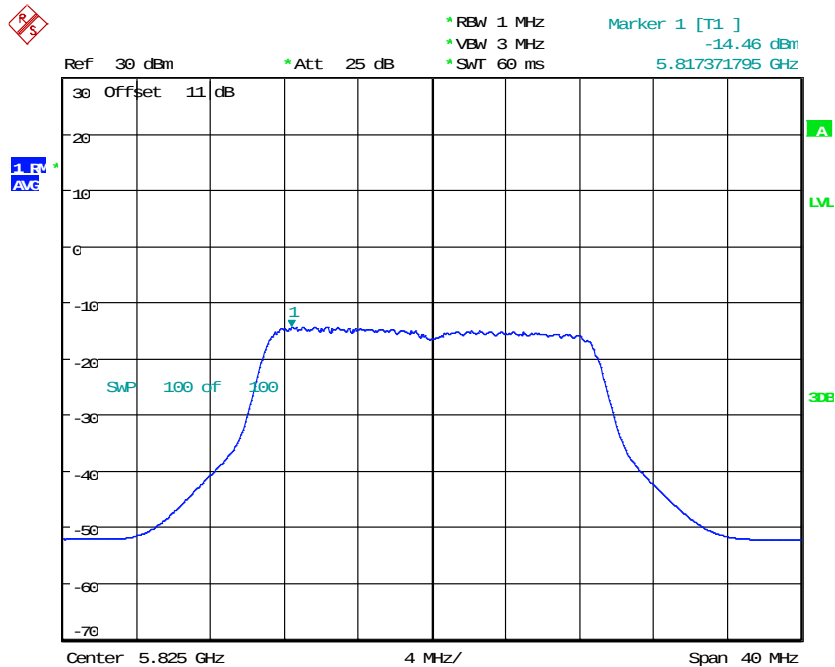
POWER DENSITY AV ANT211n20CH149  
Date: 27.NOV.2019 20:12:19



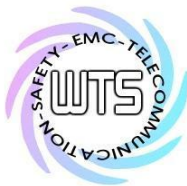
Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



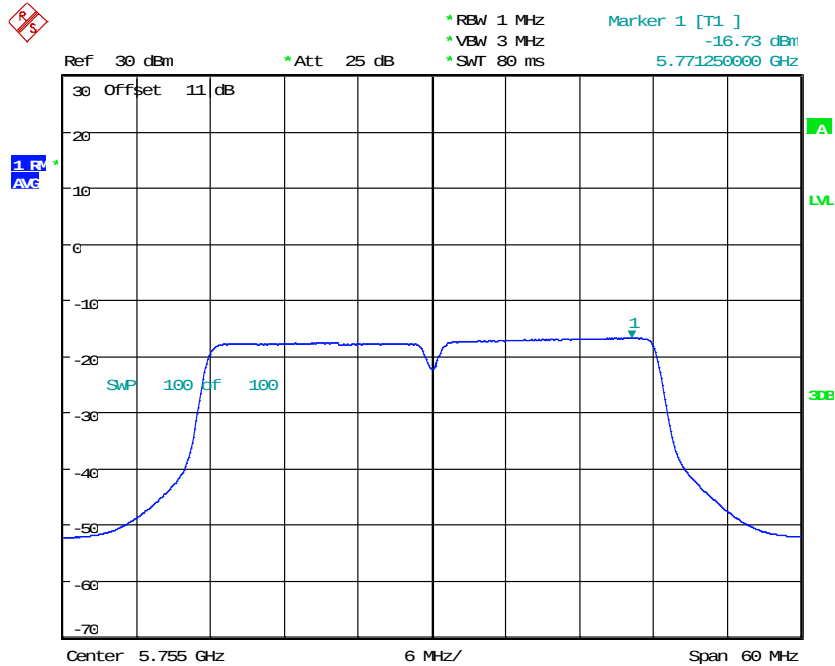
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Date: 27.NOV.2019 20:15:47



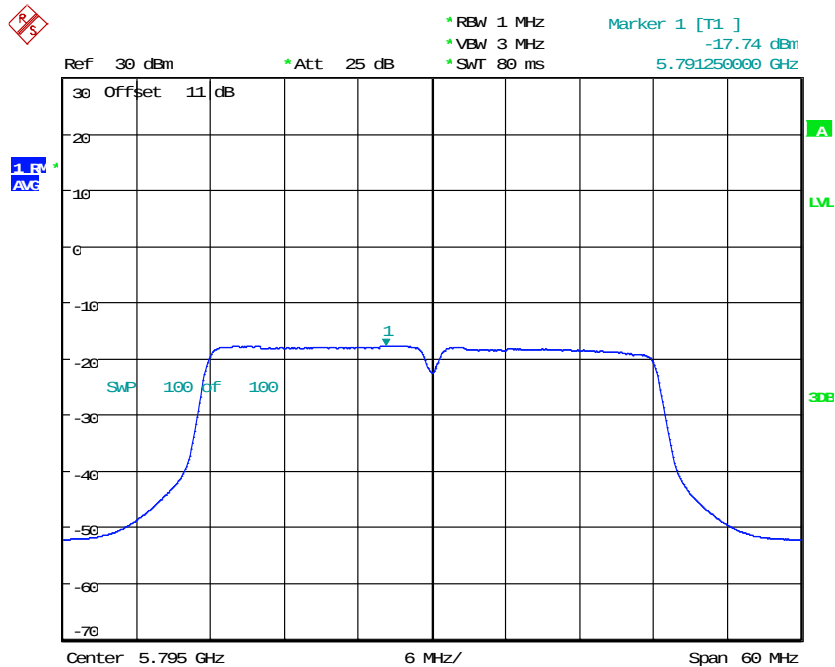
POWER DENSITY AV ANT211n20CH165  
Date: 27.NOV.2019 20:17:12



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



POWER DENSITY AV ANT211n40CH151  
Date: 27.NOV.2019 20:28:11

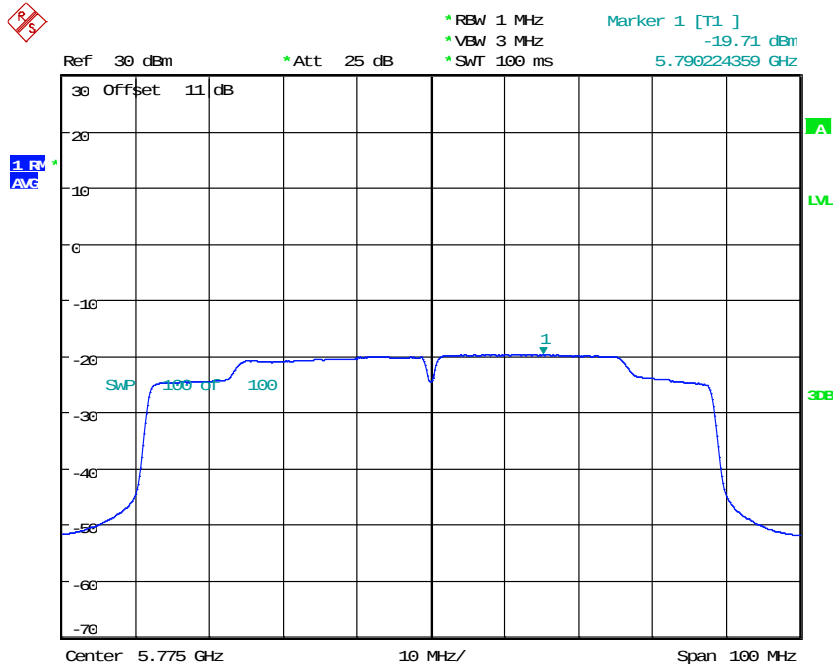


POWER DENSITY AV ANT211n40CH159  
Date: 27.NOV.2019 20:30:11



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14



POWER DENSITY AV ANT211ac80CH155  
Date: 27.NOV.2019 20:32:53

5.15GHz~5.25GHz

| ANT 1          | mW     |        |         | dBm    |        |         |
|----------------|--------|--------|---------|--------|--------|---------|
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 0.16   | 0.15   | 0.15    | -7.93  | -8.12  | -8.28   |
| 802.11n 40MHz  | 0.08   | --     | 0.08    | -11.16 | --     | -11.23  |
| 802.11ac 80MHz | 0.04   | --     | --      | -13.63 | --     | --      |
| ANT 2          | mW     |        |         | dBm    |        |         |
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 0.09   | 0.09   | 0.10    | -10.49 | -10.26 | -10.23  |
| 802.11n 40MHz  | 0.04   | --     | 0.05    | -13.95 | --     | -13.51  |
| 802.11ac 80MHz | 0.02   | --     | --      | -16.22 | --     | --      |
| Combine        | mW     |        |         | dBm    |        |         |
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 0.25   | 0.25   | 0.24    | -6.02  | -6.06  | -6.13   |
| 802.11n 40MHz  | 0.12   | --     | 0.12    | -9.32  | --     | -9.21   |
| 802.11ac 80MHz | 0.07   | --     | --      | -11.74 | --     | --      |



## **Worldwide Testing Services(Taiwan) Co., Ltd.**

Registration number: W6M21911-19475-C-54

FCC ID: IR5RW14

5.725GHz~5.85GHz

| ANT 1          | mW     |        |         | dBm    |        |         |
|----------------|--------|--------|---------|--------|--------|---------|
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 0.04   | 0.04   | 0.03    | -13.87 | -13.64 | -14.90  |
| 802.11n 40MHz  | 0.03   | --     | 0.02    | -16.12 | --     | -16.66  |
| 802.11ac 80MHz | 0.02   | --     | --      | -18.34 | --     | --      |
| ANT 2          | mW     |        |         | dBm    |        |         |
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 0.03   | 0.04   | 0.04    | -14.80 | -13.91 | -14.46  |
| 802.11n 40MHz  | 0.02   | --     | 0.02    | -16.73 | --     | -17.74  |
| 802.11ac 80MHz | 0.01   | --     | --      | -19.71 | --     | --      |
| Combine        | mW     |        |         | dBm    |        |         |
|                | Ch Low | Ch Mid | Ch High | Ch Low | Ch Mid | Ch High |
| 802.11n 20MHz  | 0.07   | 0.08   | 0.07    | -11.31 | -10.76 | -11.68  |
| 802.11n 40MHz  | 0.05   | --     | 0.04    | -13.47 | --     | -14.09  |
| 802.11ac 80MHz | 0.03   | --     | --      | -15.85 | --     | --      |

Test equipment used: ETSTW-RE 055, ETSTW-RE 050



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14

## 3.5 Undesirable emission limits, FCC 15.407 (b)

1. For transmitters operating in the 5.15–5.25 GHz band: all emissions out-side of the 5.15–5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz.
2. For transmitters operating in the 5.25–5.35 GHz band: all emissions out-side of the 5.15–5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz. De-vices operating in the 5.25–5.35 GHz band that generate emissions in the 5.15–5.25 GHz band must meet all appli-cable technical requirements for operation in the 5.15–5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15–5.25 GHz band.
3. For transmitters operating in the 5.47–5.725 GHz band: all emissions out-side of the 5.47–5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.
4. For transmitters operating in the 5.725–5.850 GHz band: All emissions shall be limited to a level of –27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
5. The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
6. Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209.
7. According to According to KDB 789033 D02 General UNII Test Procedures v01, as specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.
8. If radiated measurements are performed, field strength is then converted to EIRP as follows:
  - (i)  $EIRP = ((E \cdot d)^2) / 30$ , where: E is the field strength in V/m; d is the measurement distance in meters. EIRP is the equivalent isotropically radiated power in watts.
  - (ii) Working in dB units, the above equation is equivalent to:  $EIRP[dBm] = E[dB\mu V/m] + 20 \log(d[meters]) - 104.77$ .
  - (iii) Or, if d is 3 meters:  $EIRP[dBm] = E[dB\mu V/m] - 95.2$ .

| Applicable to                       | Limit                               |                                                |
|-------------------------------------|-------------------------------------|------------------------------------------------|
| <input checked="" type="checkbox"/> | FIELD STRENGTH at 3m (dB $\mu$ V/m) |                                                |
|                                     | PK                                  | AV                                             |
|                                     | 74                                  | 54                                             |
| <input type="checkbox"/>            | EIRP LIMIT (dBm)                    | EQUIVALENT FIELD STRENGTH at 3m (dB $\mu$ V/m) |
|                                     | PK                                  | PK                                             |
|                                     | -27                                 | 68.3                                           |



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21911-19475-C-54

FCC ID: IR5RW14

Model: RW14

Date: --

Mode: --

Temperature: -- °C Engineer: --

Polarization: Horizontal

Humidity: -- %

| Frequency (MHz) | Reading (dBuV) | Detector | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Table Degree (Deg.) | Ant. High (cm) |
|-----------------|----------------|----------|-------------|-----------------|----------------|-------------|---------------------|----------------|
| --              | --             | --       | --          | --              | --             | --          | --                  | --             |
| --              | --             | --       | --          | --              | --             | --          | --                  | --             |
| --              | --             | --       | --          | --              | --             | --          | --                  | --             |

| Frequency (MHz) | Reading (dBuV) |      | Factor (dB) Corr. | Result (dBuV/m) |      | Limit (dBuV/m) |      | Margin (dB) | Table Degree (Deg.) | Ant. High (cm) |
|-----------------|----------------|------|-------------------|-----------------|------|----------------|------|-------------|---------------------|----------------|
|                 | Peak           | Ave. |                   | Peak            | Ave. | Peak           | Ave. |             |                     |                |
| --              | --             | --   | --                | --              | --   | --             | --   | --          | --                  | --             |
| --              | --             | --   | --                | --              | --   | --             | --   | --          | --                  | --             |

Polarization: Vertical

| Frequency (MHz) | Reading (dBuV) | Detector | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Table Degree (Deg.) | Ant. High (cm) |
|-----------------|----------------|----------|-------------|-----------------|----------------|-------------|---------------------|----------------|
| --              | --             | --       | --          | --              | --             | --          | --                  | --             |
| --              | --             | --       | --          | --              | --             | --          | --                  | --             |
| --              | --             | --       | --          | --              | --             | --          | --                  | --             |

| Frequency (MHz) | Reading (dBuV) |      | Factor (dB) Corr. | Result (dBuV/m) |      | Limit (dBuV/m) |      | Margin (dB) | Table Degree (Deg.) | Ant. High (cm) |
|-----------------|----------------|------|-------------------|-----------------|------|----------------|------|-------------|---------------------|----------------|
|                 | Peak           | Ave. |                   | Peak            | Ave. | Peak           | Ave. |             |                     |                |
| --              | --             | --   | --                | --              | --   | --             | --   | --          | --                  | --             |
| --              | --             | --   | --                | --              | --   | --             | --   | --          | --                  | --             |

Test equipment used: ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 147,  
ETSTW-RE 088, ETSTW-RE 018

## Note:

1. Correction Factor = Antenna factor + Cable loss - Preamplifier
2. The formula of measured value as: Test Result = Reading + Correction Factor
3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
4. All not in the table noted test results are more than 20 dB below the relevant limits.
5. After evaluated, the test result in this report adopt the worst case to measure, please see attached diagrams in appendix.



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FCC ID: IR5RW14

### **3.6 Automatic Discontinuation of transmission, FCC 15.407 (c)**

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure.  
This function will be declared by manufacturer.

### **3.7 Reserved, FCC 15.407 (d)**

### **3.8 Indoor Operation Restriction, FCC 15.407 (e)**

Within the 5.15–5.25 GHz band, U- NII devices will be restricted to indoor operations to reduce any potential for harmful interference to co-channel MSS operations. This equipment has to be declared by manufacturer of the final product as content of the user manual.

### **3.9 Equivalent Isotropic Radiated Power (EIRP), FCC 15.407 (f)**

Band 1

EIRP = max. conducted output power + antenna gain

EIRP = 6.34 dBm + (2.07 dBi [antenna gain claimed by manufacturer]) = 8.41 dBm = 6.9343 mW

Band 4

EIRP = max. conducted output power + antenna gain

EIRP = 1.02 dBm + (1.77dBi [antenna gain claimed by manufacturer]) = 2.79 dBm = 1.9011 mW

Test equipment used: ETSTW-RE 055



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## 3.10 Exemption Limits for Routine Evaluation according to 47 CFR FCC Part 2 Subpart J, section 2.1091

FCC OET Bulletin 65 Edition 97.01 determines the equations for predicting RF fields and applicable limits.

The prediction for power density in the far-field but will over-predict power density in the near field, where it could be used for walking a “worst case” or conservative prediction.

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 20 cm normally can be maintained between the user and the device.

(A) Limits for Occupational/Controlled Exposure

| Frequency Range (MHz) | Electric Field Strength (E) (V/m) | Magnetic Field Strength (H) (A/m) | Power Density (S) (mW/cm <sup>2</sup> ) | Averaging Time  E  <sup>2</sup> ,  H  <sup>2</sup> or S (minutes) |
|-----------------------|-----------------------------------|-----------------------------------|-----------------------------------------|-------------------------------------------------------------------|
| 0.3-3.0               | 614                               | 1.63                              | (100)*                                  | 6                                                                 |
| 3.0-30                | 1842/f                            | 4.89/f                            | (900/f <sup>2</sup> )*                  | 6                                                                 |
| 30-300                | 61.4                              | 0.163                             | 1.0                                     | 6                                                                 |
| 300-1500              | --                                | --                                | f/300                                   | 6                                                                 |
| 1500-100,000          | --                                | --                                | 5                                       | 6                                                                 |

(B) Limits for General Population/Uncontrolled Exposure

| Frequency Range (MHz) | Electric Field Strength (E) (V/m) | Magnetic Field Strength (H) (A/m) | Power Density (S) (mW/cm <sup>2</sup> ) | Averaging Time  E  <sup>2</sup> ,  H  <sup>2</sup> or S (minutes) |
|-----------------------|-----------------------------------|-----------------------------------|-----------------------------------------|-------------------------------------------------------------------|
| 0.3-1.34              | 614                               | 1.63                              | (100)*                                  | 30                                                                |
| 1.34-30               | 824/f                             | 2.19/f                            | (180/f <sup>2</sup> )*                  | 30                                                                |
| 30-300                | 27.5                              | 0.073                             | 0.2                                     | 30                                                                |
| 300-1500              | --                                | --                                | f/1500                                  | 30                                                                |
| 1500-100,000          | --                                | --                                | 1.0                                     | 30                                                                |

f = frequency in MHz

\*Plane-wave equivalent power density

E = Electric field (V/m) P = output power (W) G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to  $\text{mW/cm}^2$ .

$$Pd = \frac{30 \times P \times G}{377 \times d^2}$$



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**Band 1**

Established separation distance is 20 cm.

Operating frequency band: 5180-5240 MHz

The product meets RF exposure requirement.

Because the power density of  $0.0014 \text{ mW/cm}^2$  at 5180 MHz is below the power density limit of  $1 \text{ mW/cm}^2$ .

**Band 4**

Established separation distance is 20 cm.

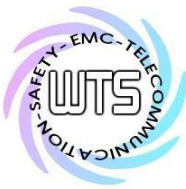
Operating frequency band: 5745-5825 MHz

The product meets RF exposure requirement.

Because the power density of  $0.0004 \text{ mW/cm}^2$  at 5785 MHz is below the power density limit of  $1 \text{ mW/cm}^2$ .

Limits:

| Limit for General Population / Uncontrolled Exposure |                                       |
|------------------------------------------------------|---------------------------------------|
| Frequency<br>(MHz)                                   | Power Density<br>( $\text{mW/cm}^2$ ) |
| 1500 – 100.000                                       | 1.0                                   |

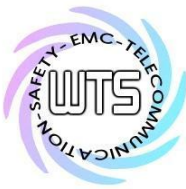


Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14

### **3.11 Transmit Power Control (TPC)**

Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Explanation: Max put power of the EUT is less than 500 mW (27dBm) so this test item is not required.



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FCC ID: IR5RW14

### **3.12 Dynamic Frequency Selection (DFS)**

#### **3.12.1 DFS Detection Threshold**

#### **3.12.2 Channel move time plot of Type1 radar waveform on 5270MHz**

#### **3.12.3 30Minutes Non-Occupancy Time**

Test equipment used: ETSTW-RE 133, ETSTW-RE 134

Explanation: The test is not required because the EUT only has Band 1 & Band 4.



Registration number: W6M21911-19475-C-54

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### **3.13 Channel Move Time, Channel Closing Transmission Time**

FCC Rule: 15.407(i)

Result :

| Parameter<br>( at 5290MHz )          | Test Result | Limit  |
|--------------------------------------|-------------|--------|
|                                      | Type0       |        |
| Channel Move Time (ms)               | --          | <10s   |
| Channel Close Transmission Time (ms) | --          | < 60ms |
| Parameter<br>( at 5530MHz )          | Test Result | Limit  |
|                                      | Type0       |        |
| Channel Move Time (ms)               | --          | <10s   |
| Channel Close Transmission Time (ms) | --          | < 60ms |

Note: The Channel Close Transmission Time is compromised 200 milliseconds starting at the beginning of the Channel Move Time plus the additional intermittent control signal required to facilitate channel-move operation (an aggregate of 60milliseconds) during the remainder of the 10seconds period.

Test equipment used: ETSTW-RE 133, ETSTW-RE 134

Explanation: The test is not required because the EUT only has Band 1 & Band 4.



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14

### **3.14 Radiated Emissions from Receiver Part**

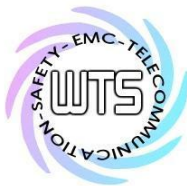
FCC Rule: 15.109

Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

| Frequency of Emission<br>(MHz) | Field Strength<br>(microvolts/meter) | Field Strength<br>(dBmicrovolts/meter) |
|--------------------------------|--------------------------------------|----------------------------------------|
| 30 – 88                        | 100                                  | 40.0                                   |
| 88 – 216                       | 150                                  | 43.5                                   |
| 216 – 960                      | 200                                  | 46.0                                   |
| Above 960                      | 500                                  | 54.0                                   |

Test equipment used: ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 147, ETSTW-RE 088,  
ETSTW-RE 018

Explanation: The test results are listed in the separated test report no.: W6M21911-19475-P-15B.

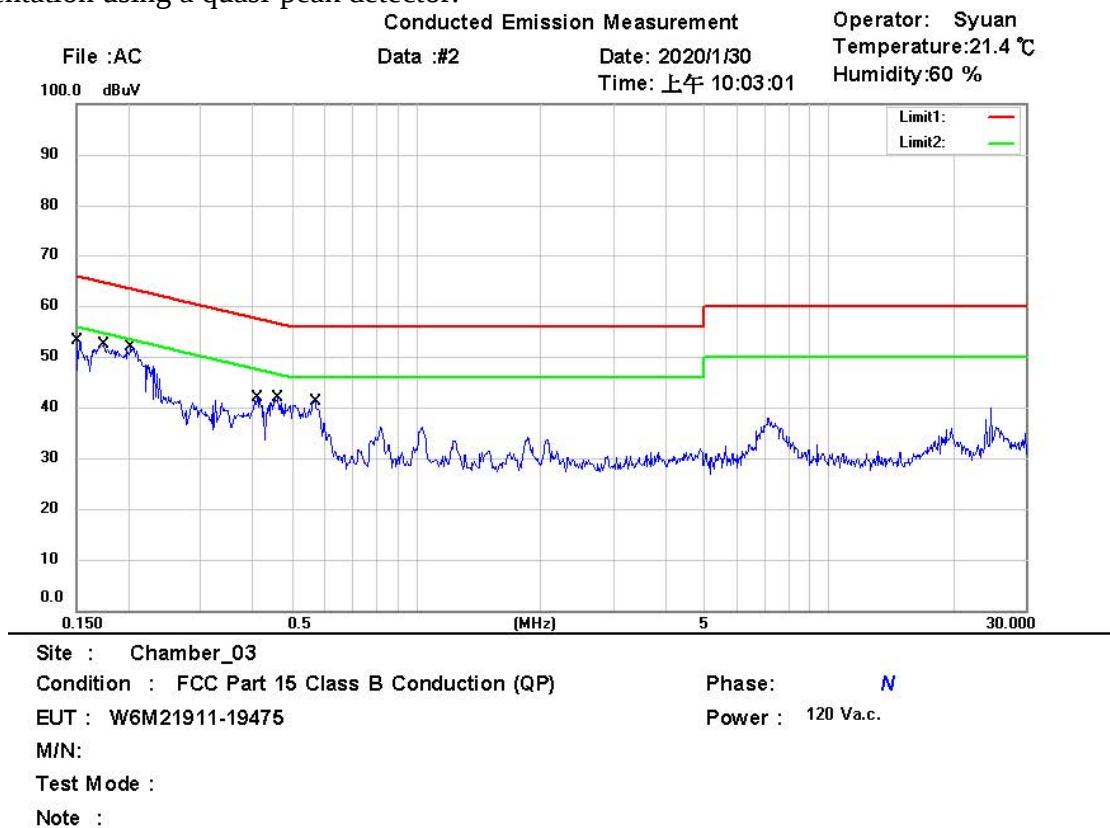


Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14

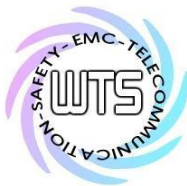
## 3.15 Power Line Conducted Emission

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the table bellows with this provision shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminals.

This measurement was transact first with instrumentation using an average and peak detector and a 10 kHz bandwidth. If the peak detector achieves a calculated level, the measurement is repeated by an instrumentation using a quasi-peak detector.

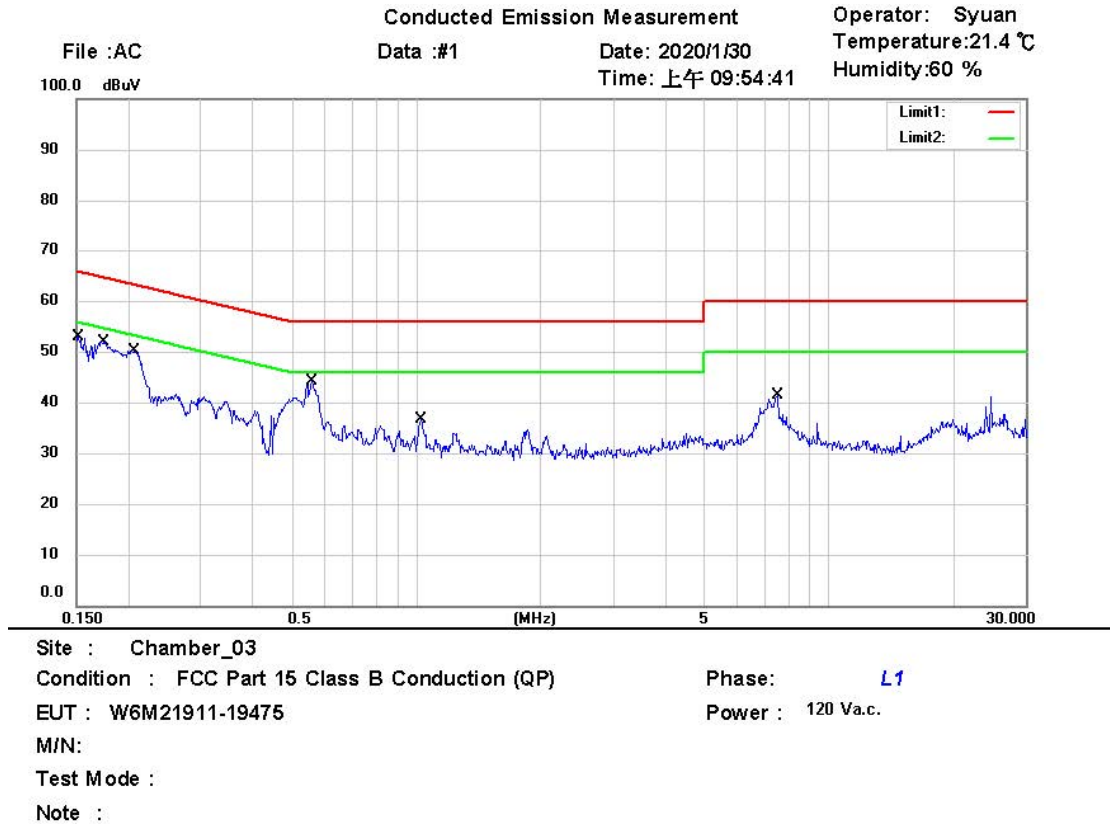


| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected factor(dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|----------------------|---------------|--------------|-------------|---------|
|     | 0.1502          | 32.73          | QP       | 9.75                 | 42.48         | 65.99        | -23.51      |         |
|     | 0.1502          | 20.66          | AVG      | 9.75                 | 30.41         | 55.99        | -25.58      |         |
|     | 0.1742          | 37.96          | QP       | 9.74                 | 47.70         | 64.76        | -17.06      |         |
|     | 0.1742          | 16.43          | AVG      | 9.74                 | 26.17         | 54.76        | -28.59      |         |
| *   | 0.2023          | 38.50          | QP       | 9.73                 | 48.23         | 63.52        | -15.29      |         |
|     | 0.2023          | 21.94          | AVG      | 9.73                 | 31.67         | 53.52        | -21.85      |         |
|     | 0.4110          | 27.96          | QP       | 9.69                 | 37.65         | 57.63        | -19.98      |         |
|     | 0.4110          | 20.52          | AVG      | 9.69                 | 30.21         | 47.63        | -17.42      |         |
|     | 0.4618          | 21.96          | QP       | 9.68                 | 31.64         | 56.66        | -25.02      |         |
|     | 0.4618          | 11.87          | AVG      | 9.68                 | 21.55         | 46.66        | -25.11      |         |
|     | 0.5675          | 25.36          | QP       | 9.67                 | 35.03         | 56.00        | -20.97      |         |
|     | 0.5675          | 16.10          | AVG      | 9.67                 | 25.77         | 46.00        | -20.23      |         |



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21911-19475-C-54  
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| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected factor(dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|----------------------|---------------|--------------|-------------|---------|
|     | 0.1508          | 33.18          | QP       | 9.77                 | 42.95         | 65.96        | -23.01      |         |
|     | 0.1508          | 17.77          | AVG      | 9.77                 | 27.54         | 55.96        | -28.42      |         |
|     | 0.1735          | 37.74          | QP       | 9.76                 | 47.50         | 64.79        | -17.29      |         |
|     | 0.1735          | 15.34          | AVG      | 9.76                 | 25.10         | 54.79        | -29.69      |         |
|     | 0.2065          | 38.38          | QP       | 9.75                 | 48.13         | 63.34        | -15.21      |         |
| *   | 0.2065          | 28.56          | AVG      | 9.75                 | 38.31         | 53.34        | -15.03      |         |
|     | 0.5585          | 28.18          | QP       | 9.69                 | 37.87         | 56.00        | -18.13      |         |
|     | 0.5585          | 19.10          | AVG      | 9.69                 | 28.79         | 46.00        | -17.21      |         |
|     | 1.0265          | 20.53          | QP       | 9.65                 | 30.18         | 56.00        | -25.82      |         |
|     | 1.0265          | 15.23          | AVG      | 9.65                 | 24.88         | 46.00        | -21.12      |         |
|     | 7.5000          | 19.20          | QP       | 10.58                | 29.78         | 60.00        | -30.22      |         |
|     | 7.5000          | 11.92          | AVG      | 10.58                | 22.50         | 50.00        | -27.50      |         |

- Note:**
1. The formula of measured value as: Test Result = Reading + Correction Factor
  2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss
  3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
  4. All not in the table noted test results are more than 20 dB below the relevant limits.
  5. Up Line: QP Limit Line, Down Line: Ave Limit Line.



# **Worldwide Testing Services(Taiwan) Co., Ltd.**

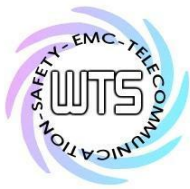
Registration number: W6M21911-19475-C-54

FCC ID: IR5RW14

## **Limits:**

| Frequency of Emission (MHz) | Conducted Limit (dBuV) |          |
|-----------------------------|------------------------|----------|
|                             | Quasi Peak             | Average  |
| 0.15-0.5                    | 66 to 56               | 56 to 46 |
| 0.5-5                       | 56                     | 46       |
| 5-30                        | 60                     | 50       |

Test equipment used: ETSTW-CE 001, ETSTW-CE 016, ETSTW- RE 045.



Registration number: W6M21911-19475-C-54  
FCC ID: IR5RW14

## **Appendix**

### **Measurement diagrams**

Spurious Emissions radiated



## Radiated Emission Measurement

Operator: Allen

File : 1\_WiFi 5G\_ANT1\_TX

Data : #1

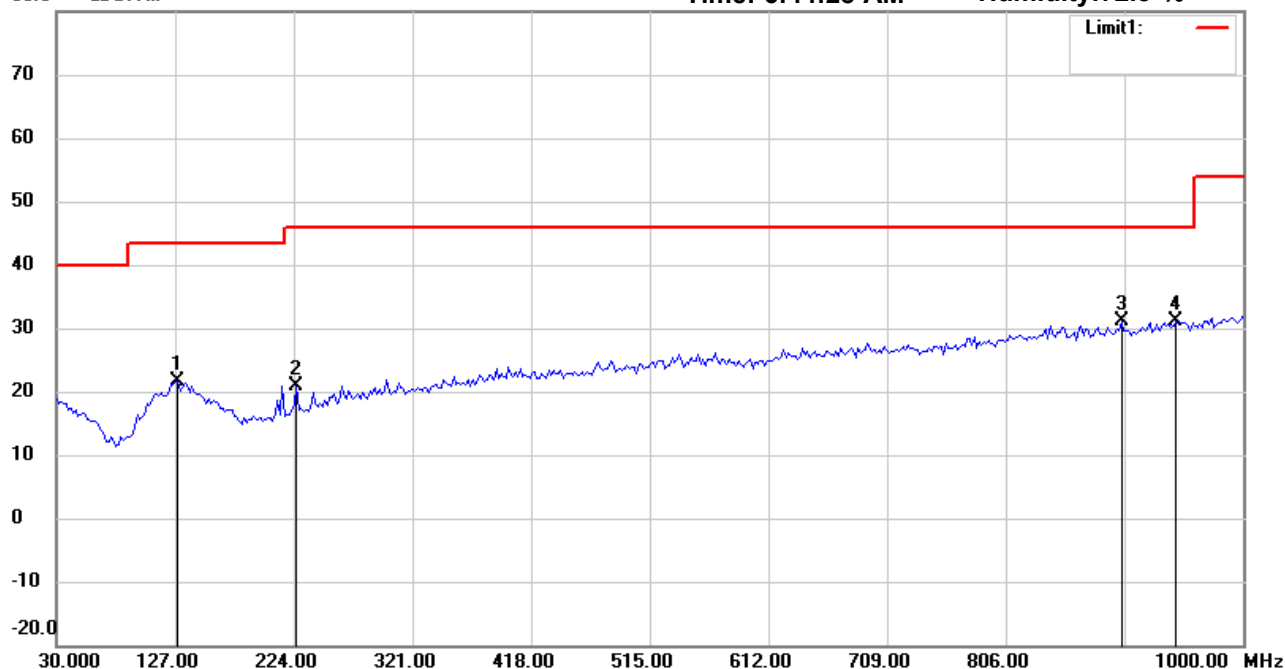
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:44:28 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class E\_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21911-19475

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH36

Note :

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 129.1382        | 27.97          | peak     | -6.31               | 21.66           | 43.50          | 100          | 273            | -21.84      |         |
|     | 226.3326        | 30.44          | peak     | -9.48               | 20.96           | 46.00          | 100          | 90             | -25.04      |         |
| *   | 900.8617        | 27.80          | peak     | 3.23                | 31.03           | 46.00          | 100          | 65             | -14.97      |         |
|     | 945.5711        | 26.88          | peak     | 4.13                | 31.01           | 46.00          | 100          | 320            | -14.99      |         |



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# Radiated Emission Measurement

Operator: Allen

File :1\_WiFi 5G\_ANT1\_TX

Data :#2

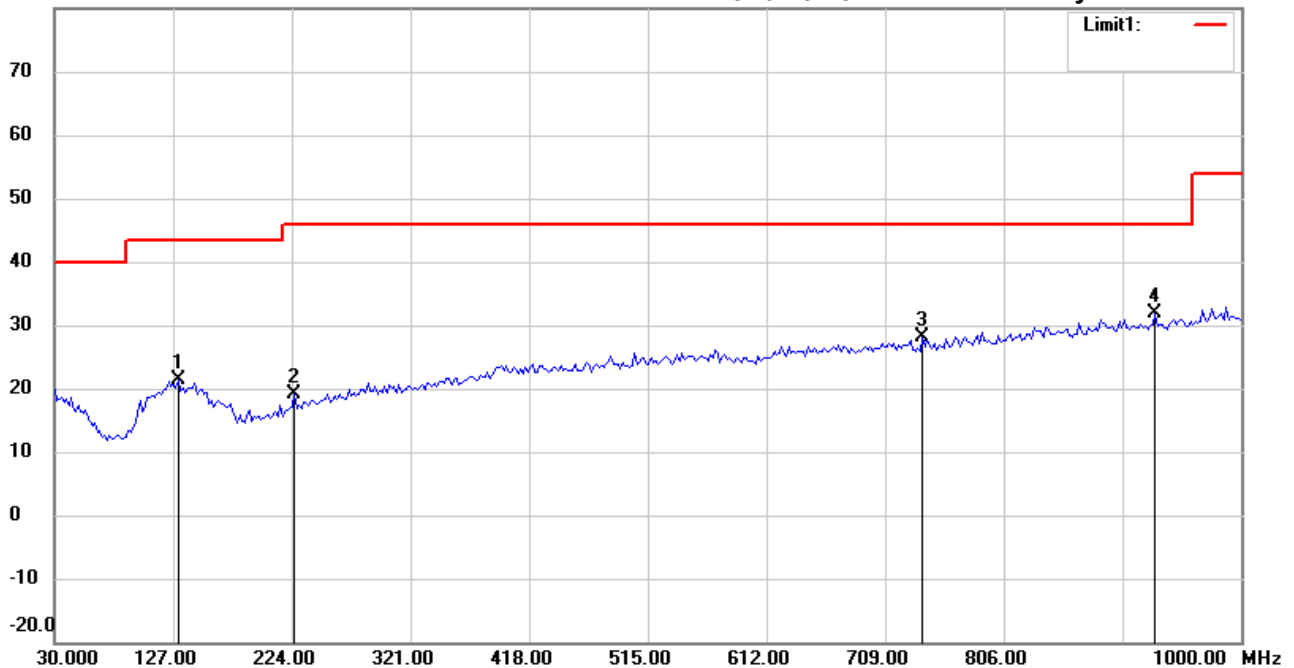
Date: 11/19/2019

Temperature:18.9 °C

80.0 dBuV/m

Time: 6:45:28 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class E\_30-1000MHz

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 131.0822        | 27.58          | peak     | -6.31               | 21.27           | 43.50          | 100          | 80             | -22.23      |         |
|     | 226.3326        | 28.59          | peak     | -9.48               | 19.11           | 46.00          | 100          | 237            | -26.89      |         |
|     | 739.5190        | 28.03          | peak     | 0.06                | 28.09           | 46.00          | 100          | 120            | -17.91      |         |
| *   | 930.0200        | 28.05          | peak     | 3.82                | 31.87           | 46.00          | 100          | 315            | -14.13      |         |

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



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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

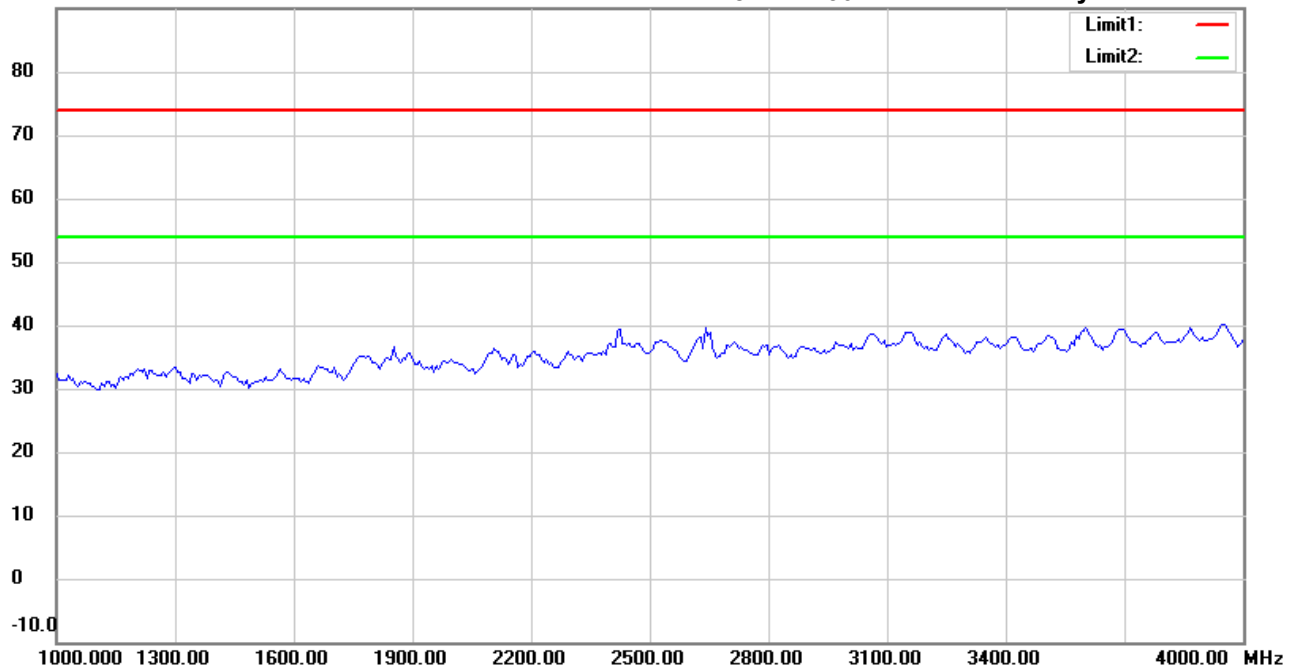
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 4:17:30 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

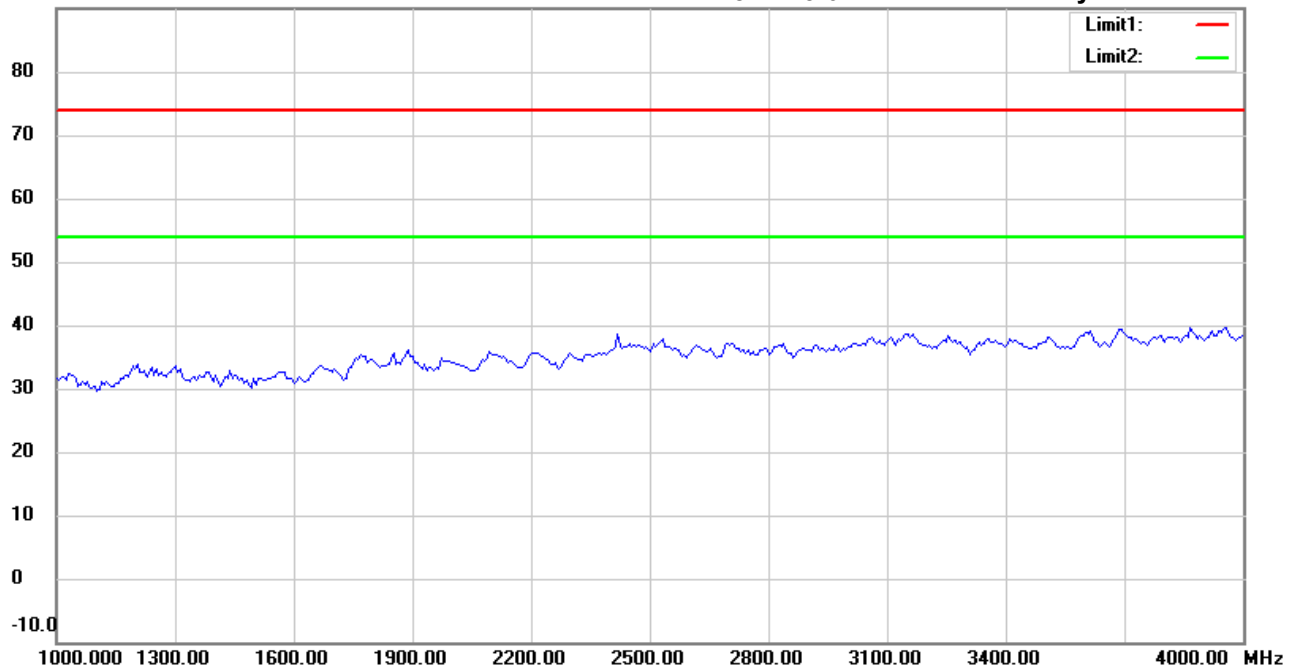
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:25:02 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

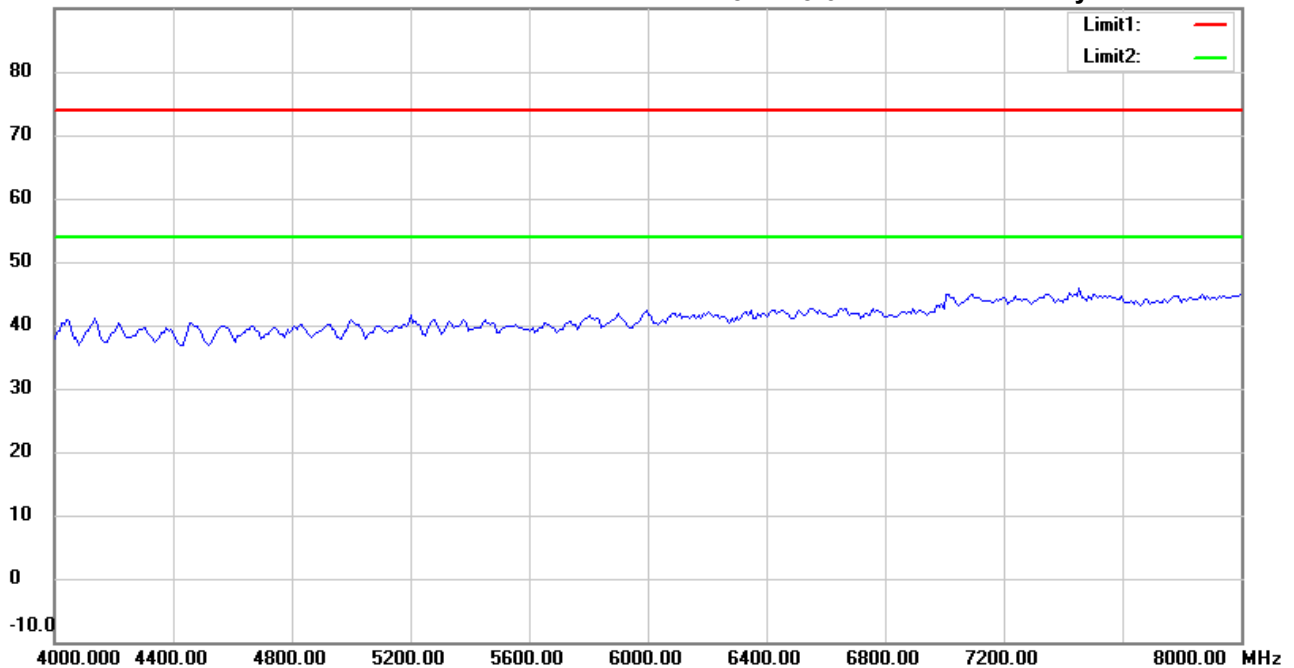
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:18:31 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

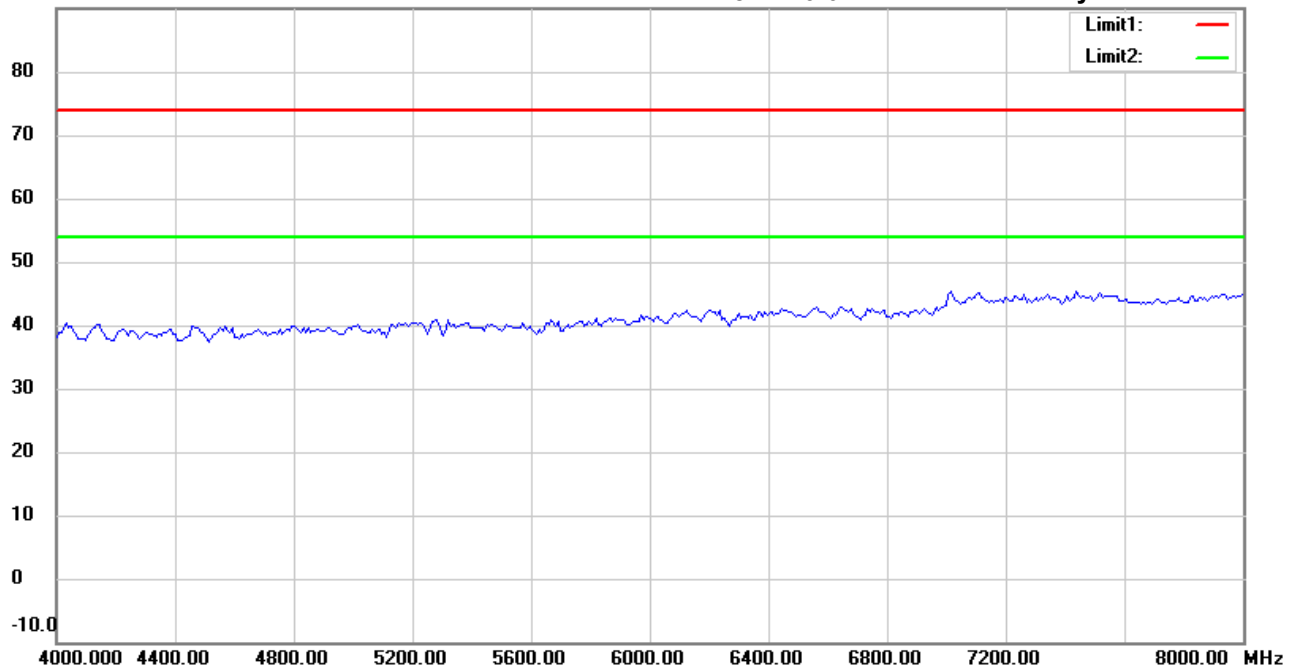
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:26:04 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

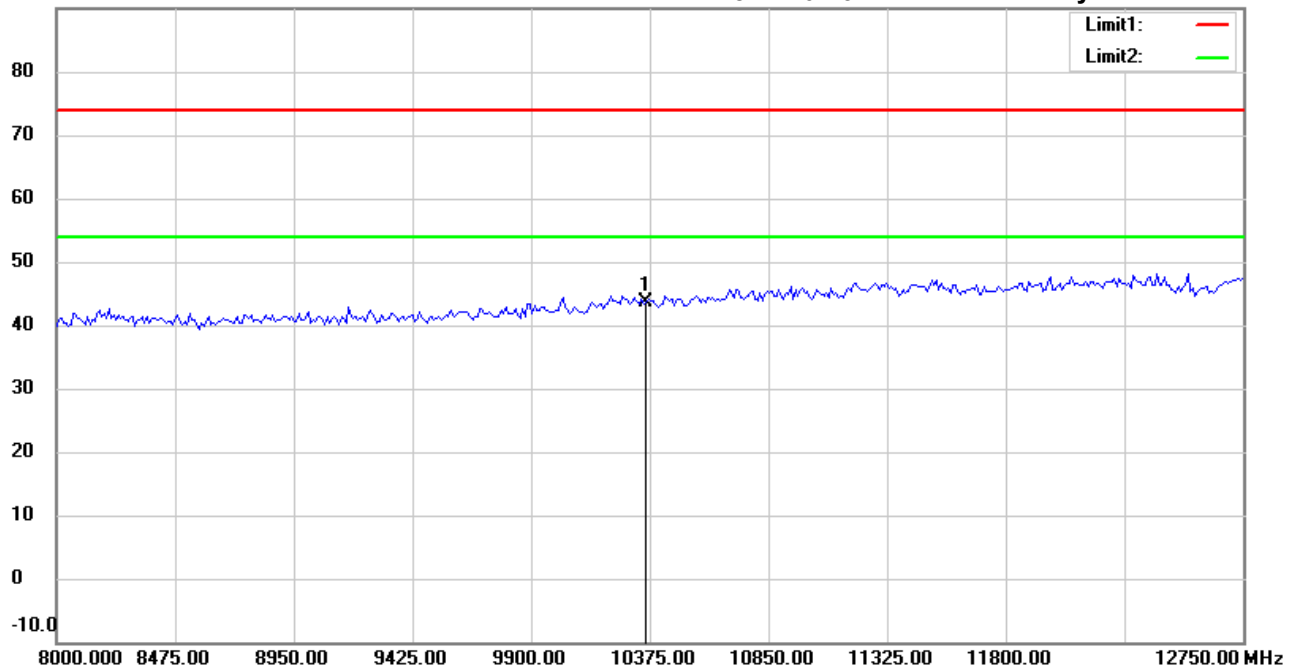
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:20:23 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10360.000       | 35.41          | peak     | 8.23                | 43.64           | 74.00          | 150          | 172            | -30.36      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

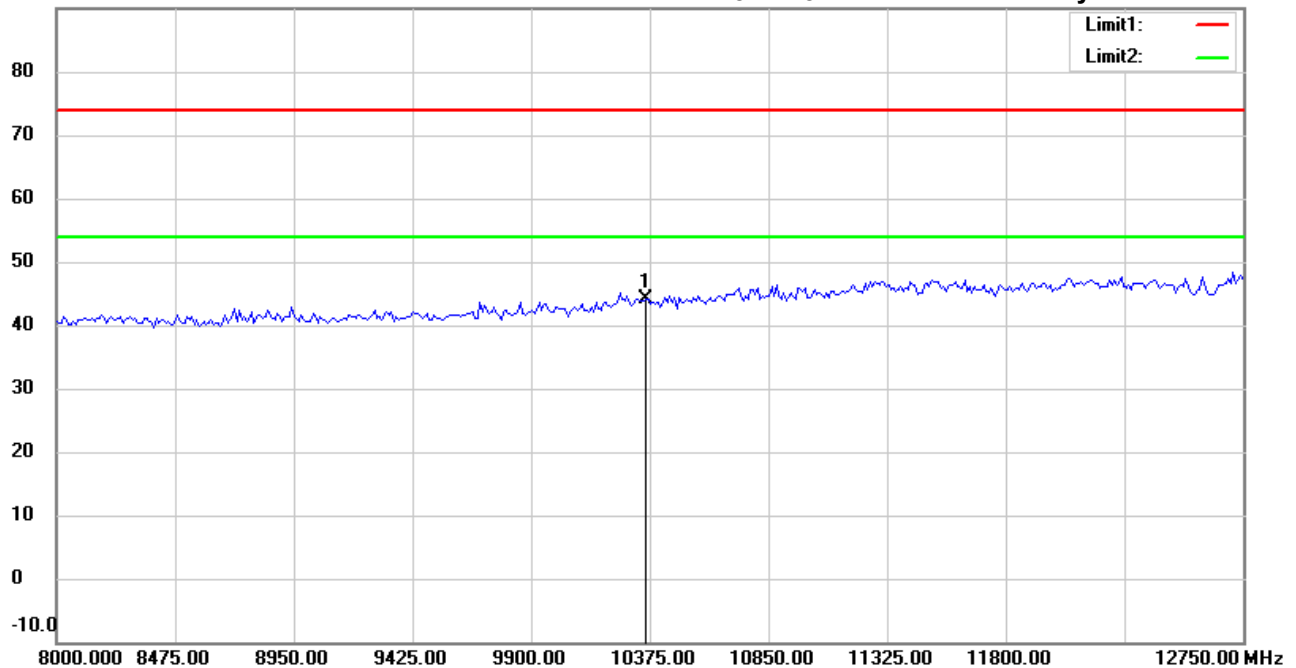
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:28:27 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10360.000       | 36.01          | peak     | 8.23                | 44.24           | 74.00          | 150          | 275            | -29.76      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

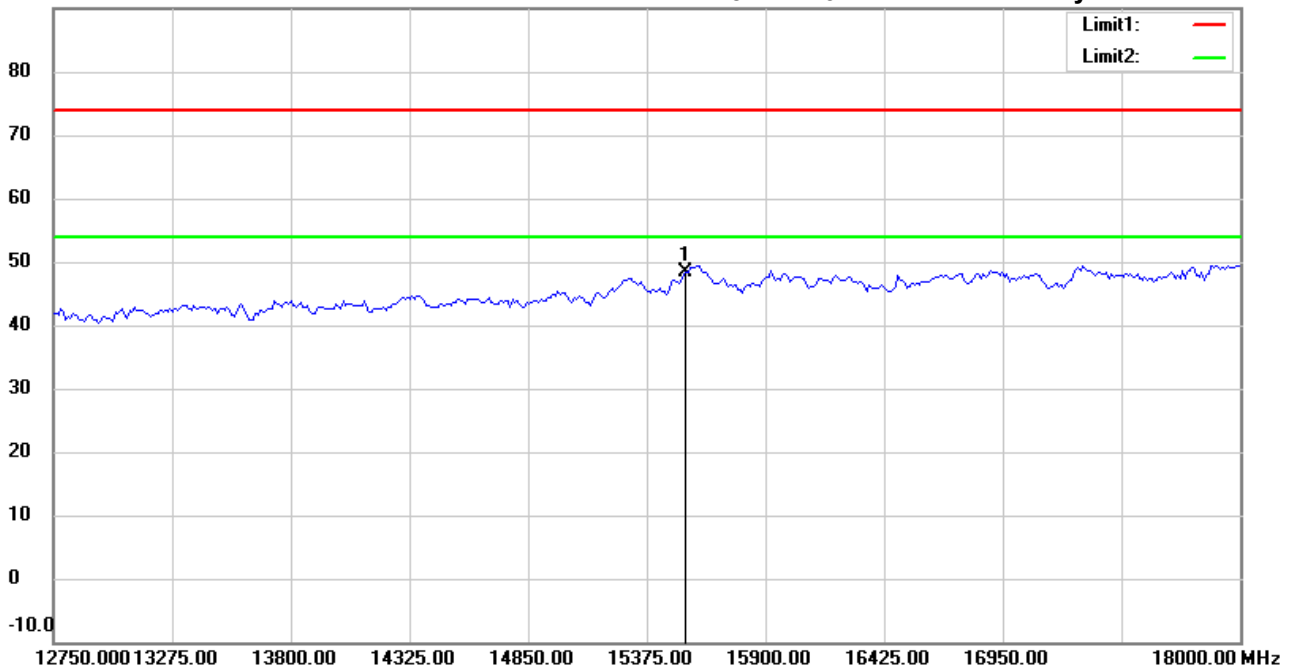
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:21:32 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15540.000       | 29.53          | peak     | 18.95               | 48.48           | 74.00          | 150          | 235            | -25.52      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

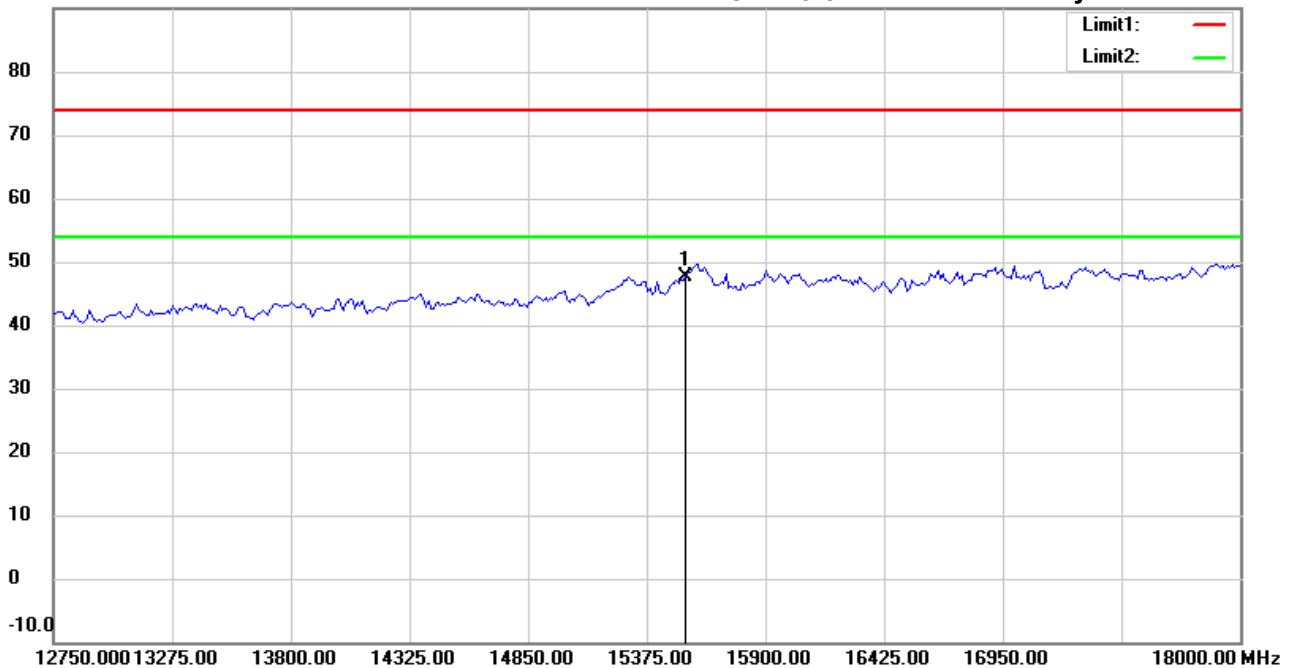
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:29:37 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15540.000       | 28.70          | peak     | 18.95               | 47.65           | 74.00          | 150          | 36             | -26.35      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

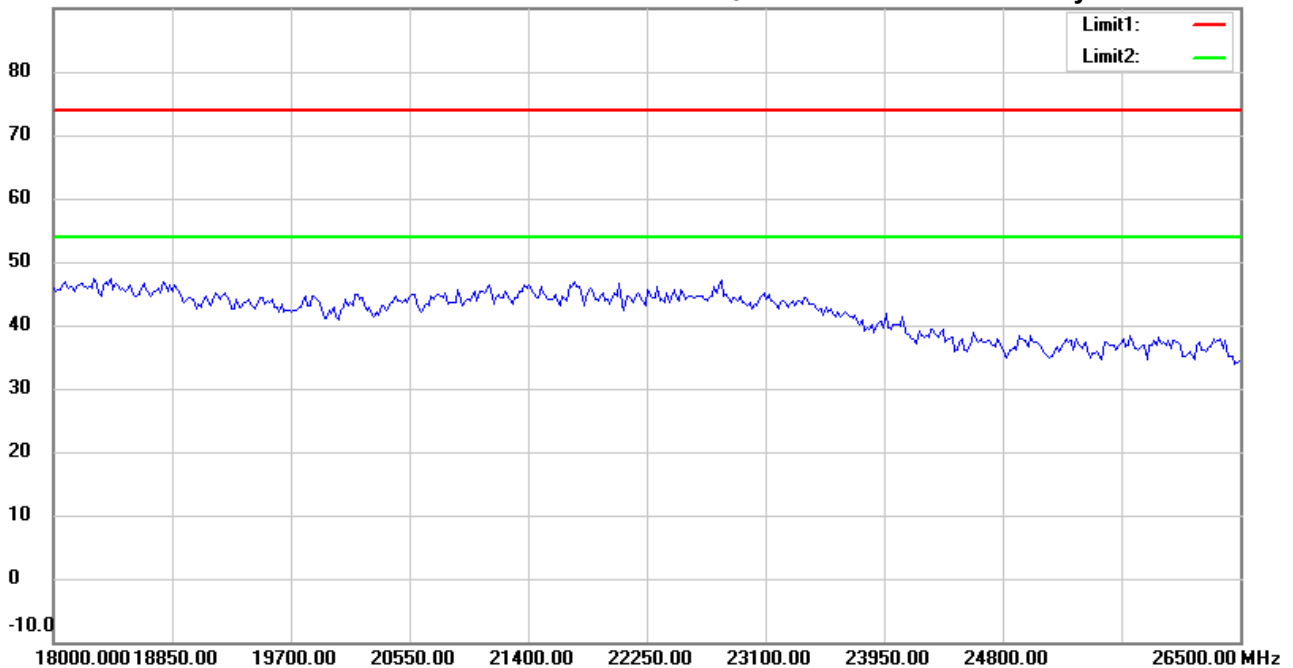
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:21:42 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #11

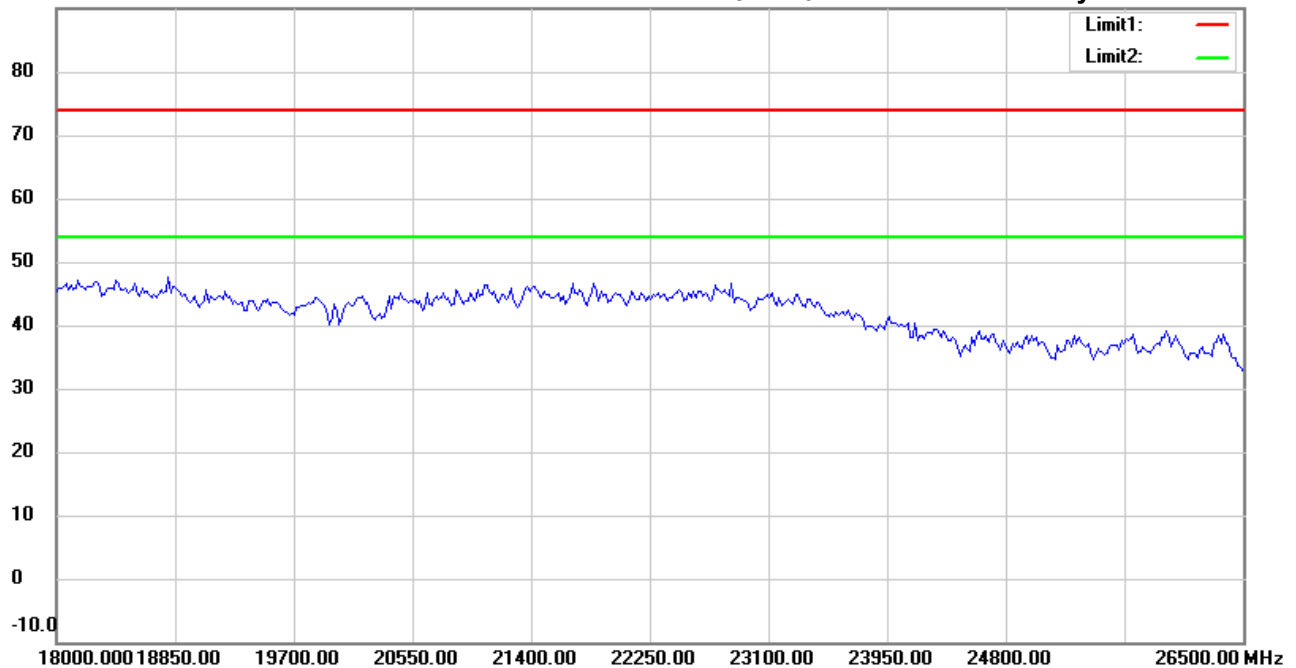
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:29:47 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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### Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

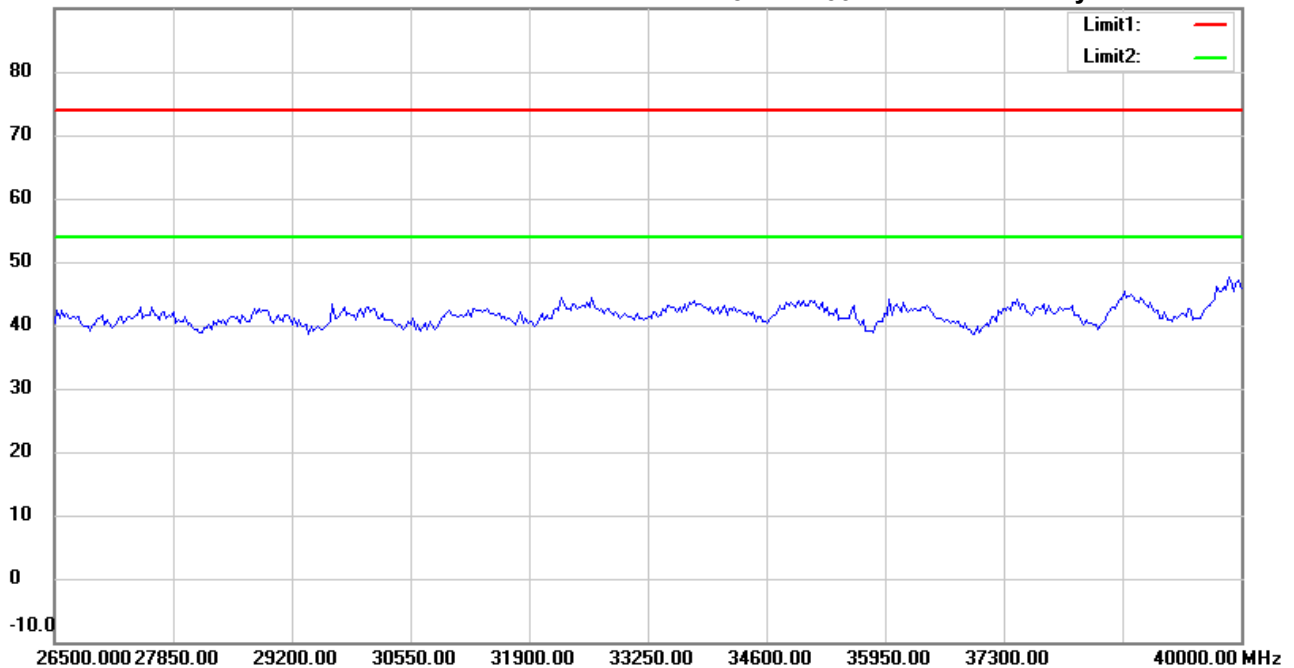
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 4:21:53 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#12

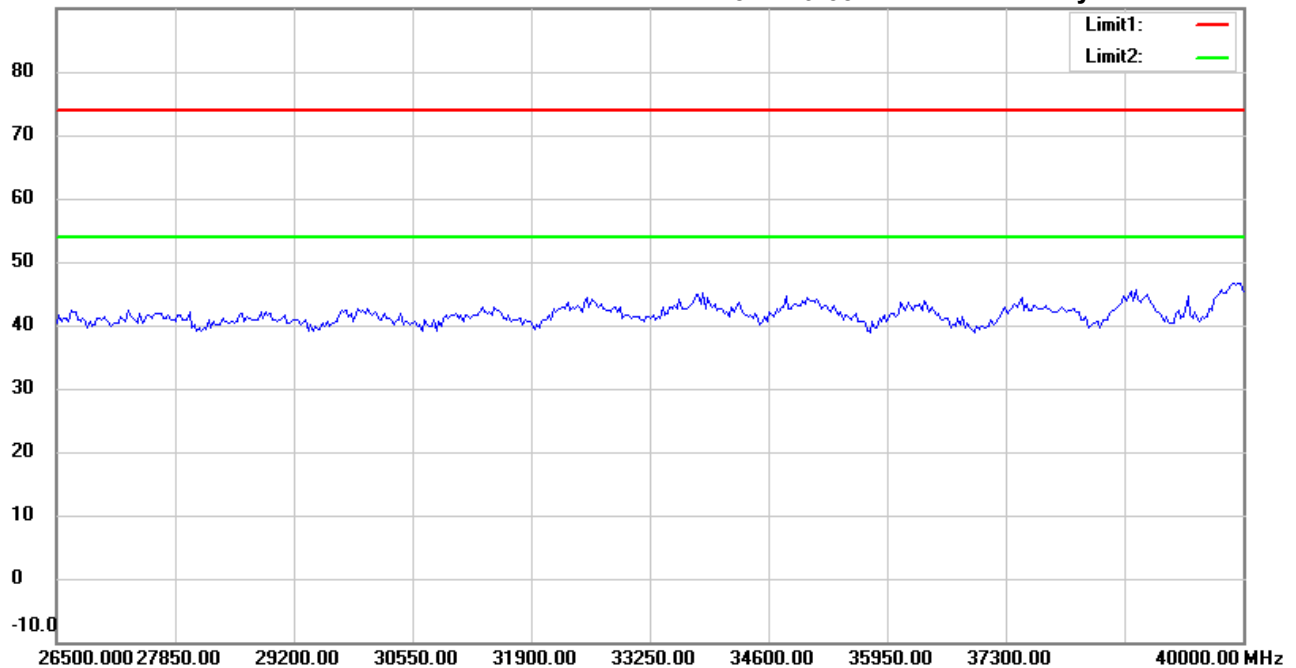
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 4:29:58 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

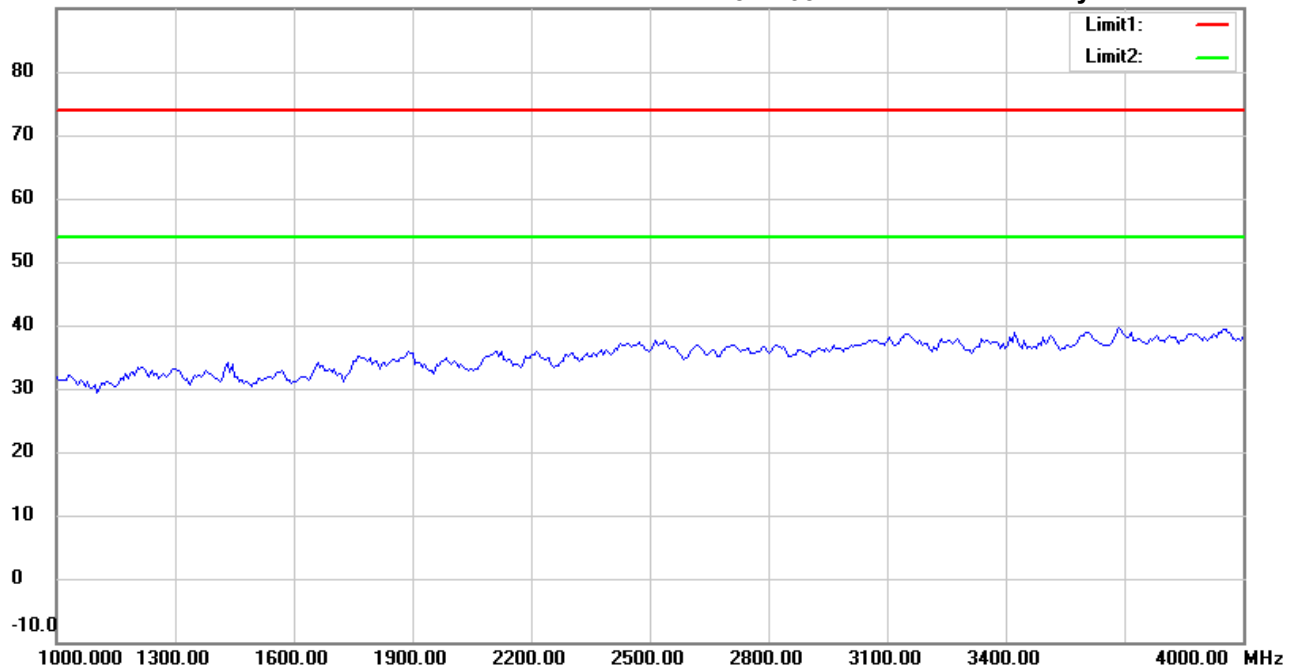
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:38:44 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

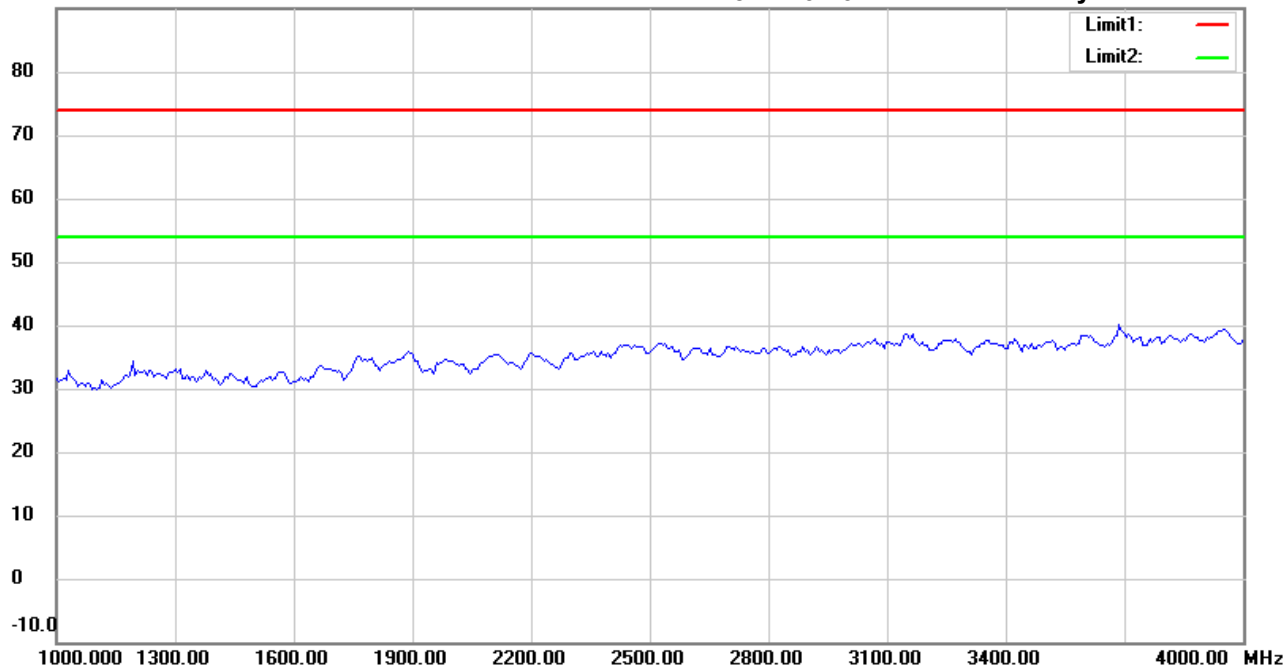
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:43:23 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

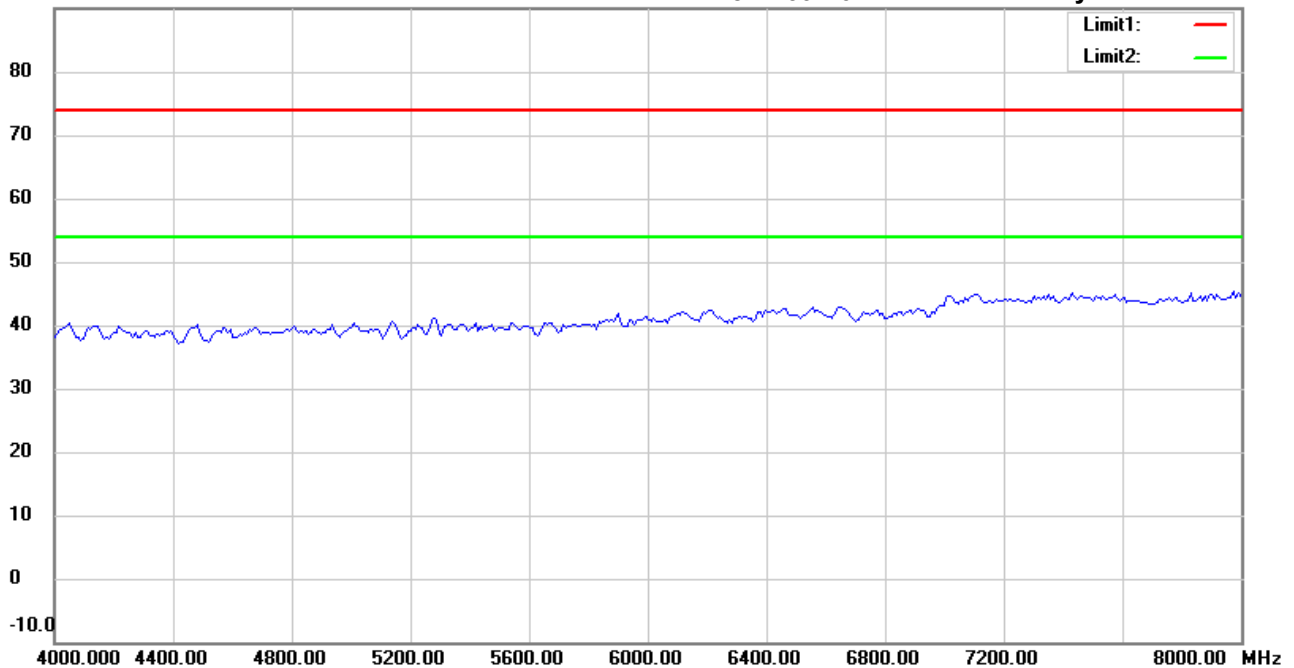
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:39:46 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

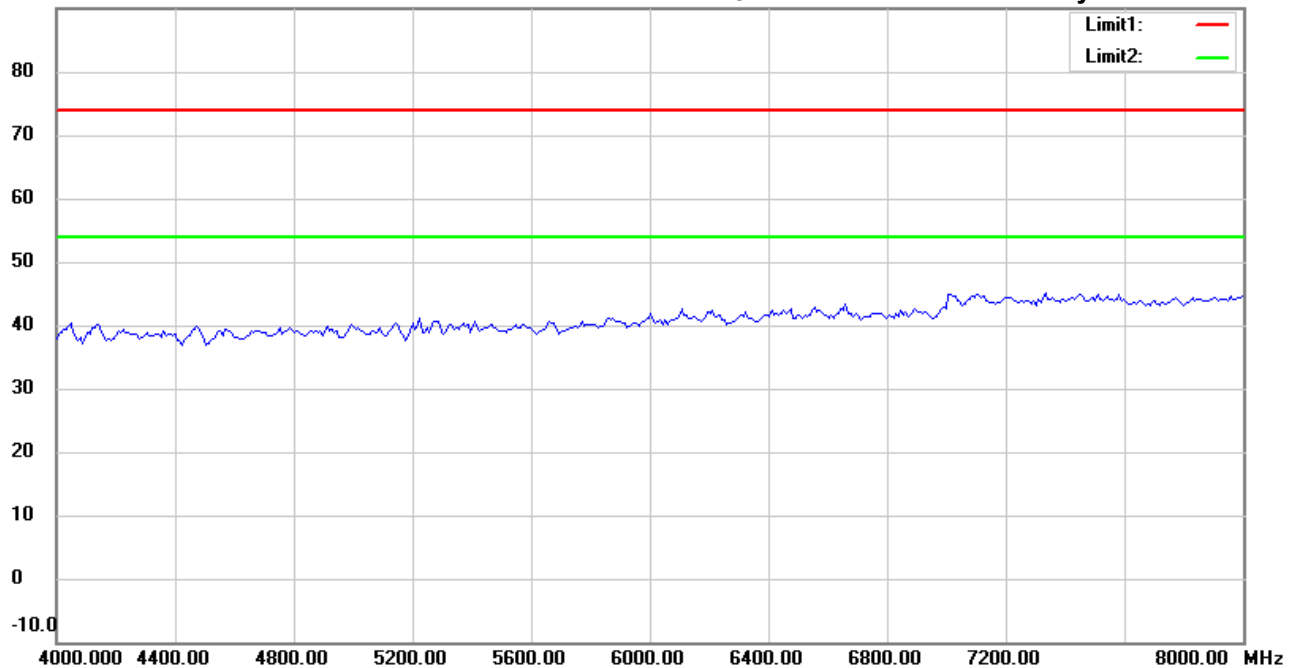
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:44:24 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

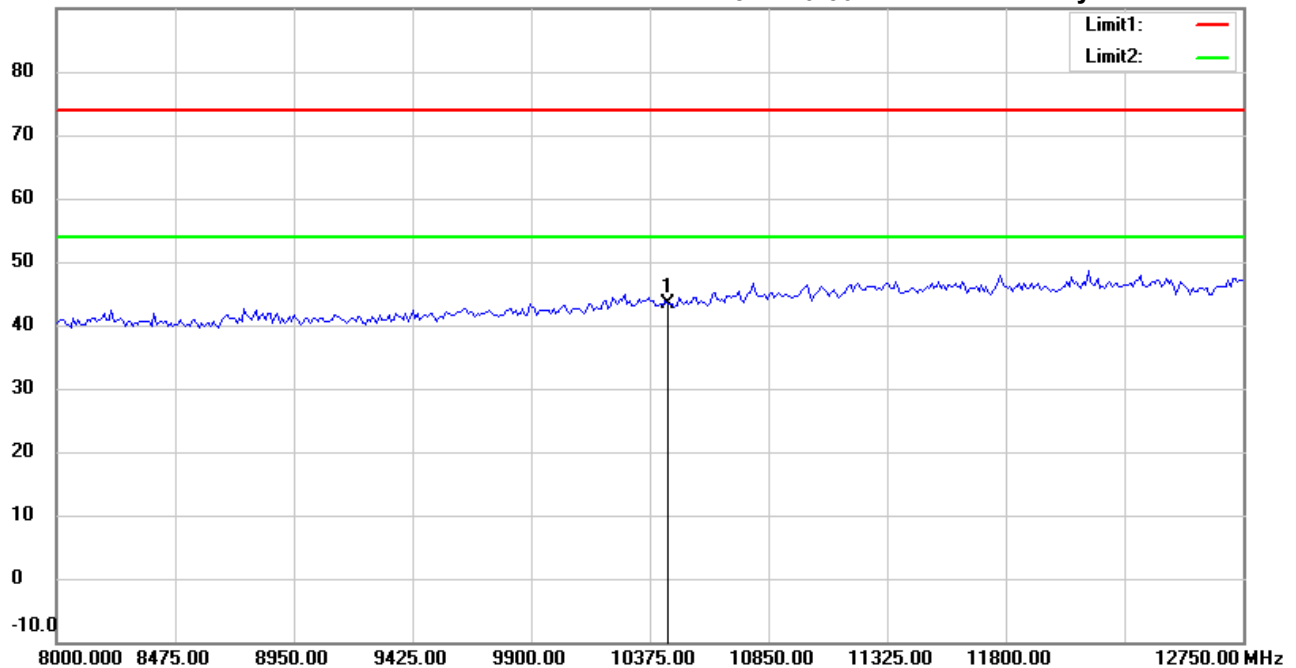
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:40:50 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10440.000       | 35.06          | peak     | 8.33                | 43.39           | 74.00          | 150          | 85             | -30.61      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

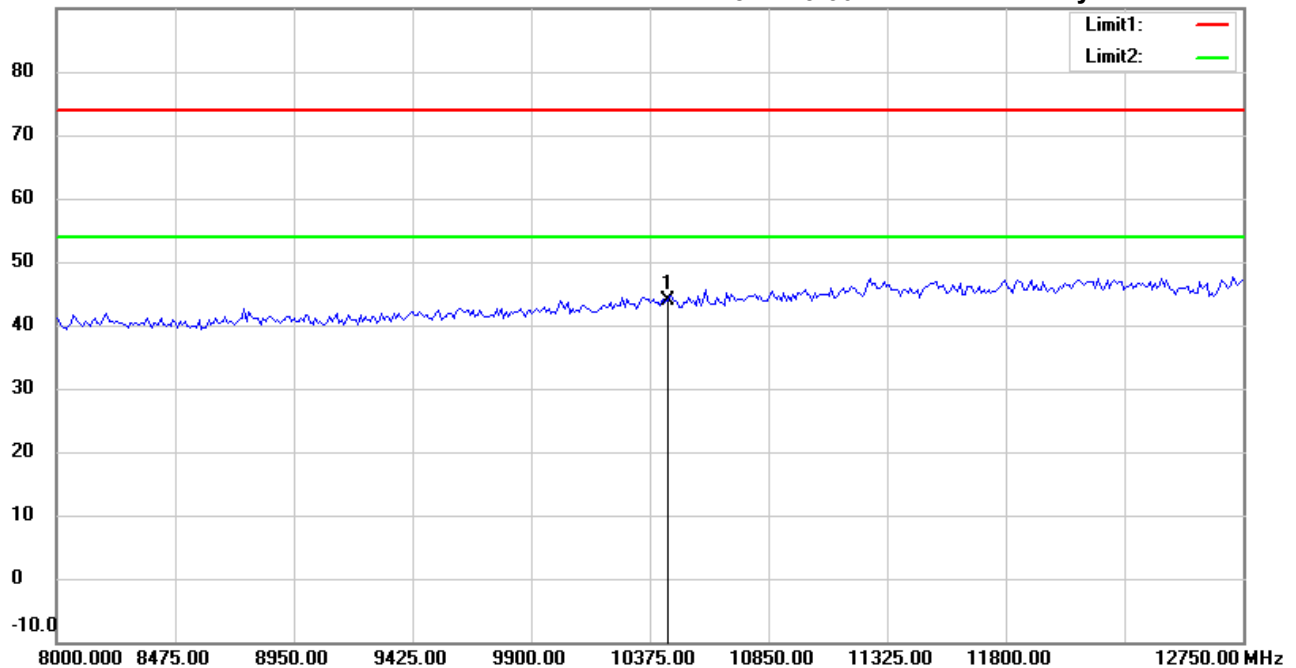
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:45:30 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10440.000       | 35.43          | peak     | 8.33                | 43.76           | 74.00          | 150          | 12             | -30.24      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

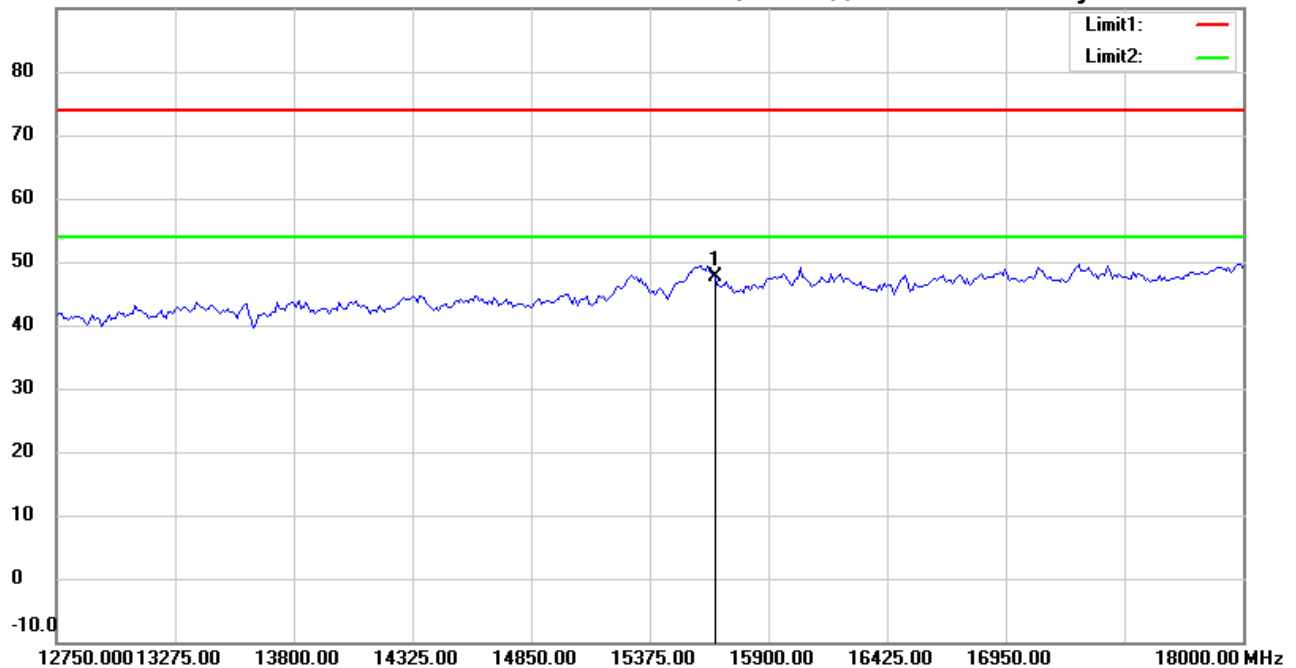
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:42:00 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15660.000       | 29.24          | peak     | 18.33               | 47.57           | 74.00          | 150          | 63             | -26.43      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

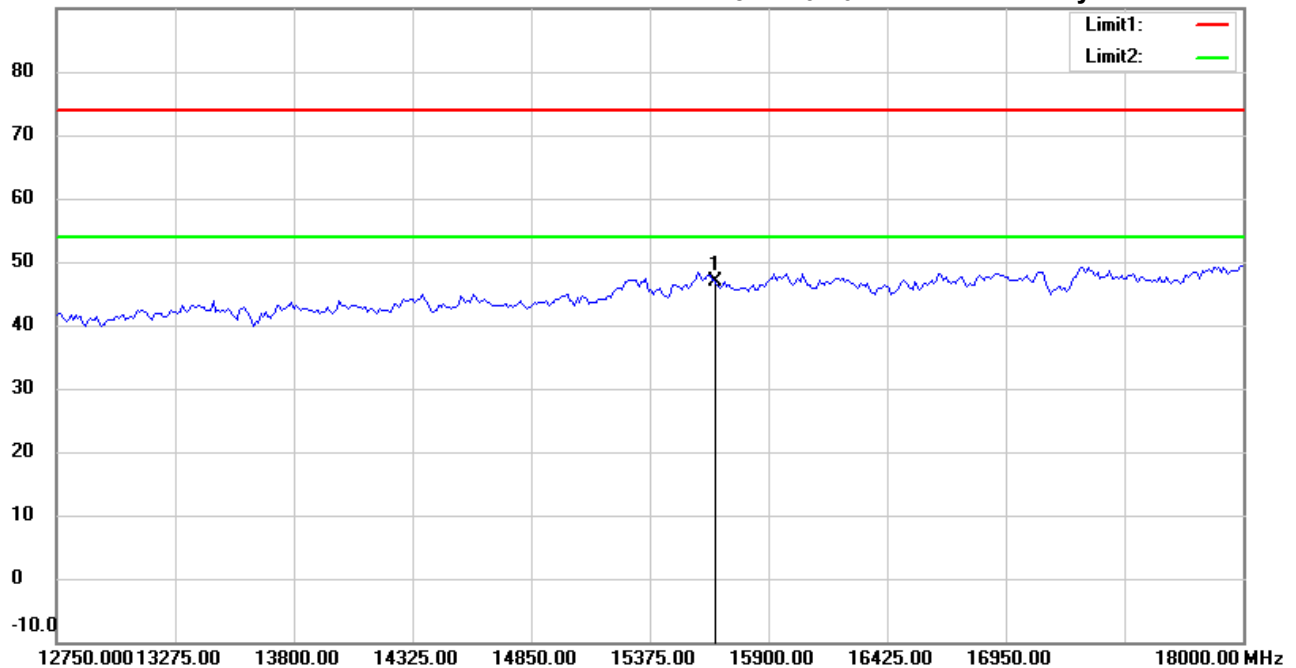
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:46:40 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15660.000       | 28.63          | peak     | 18.33               | 46.96           | 74.00          | 150          | 326            | -27.04      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

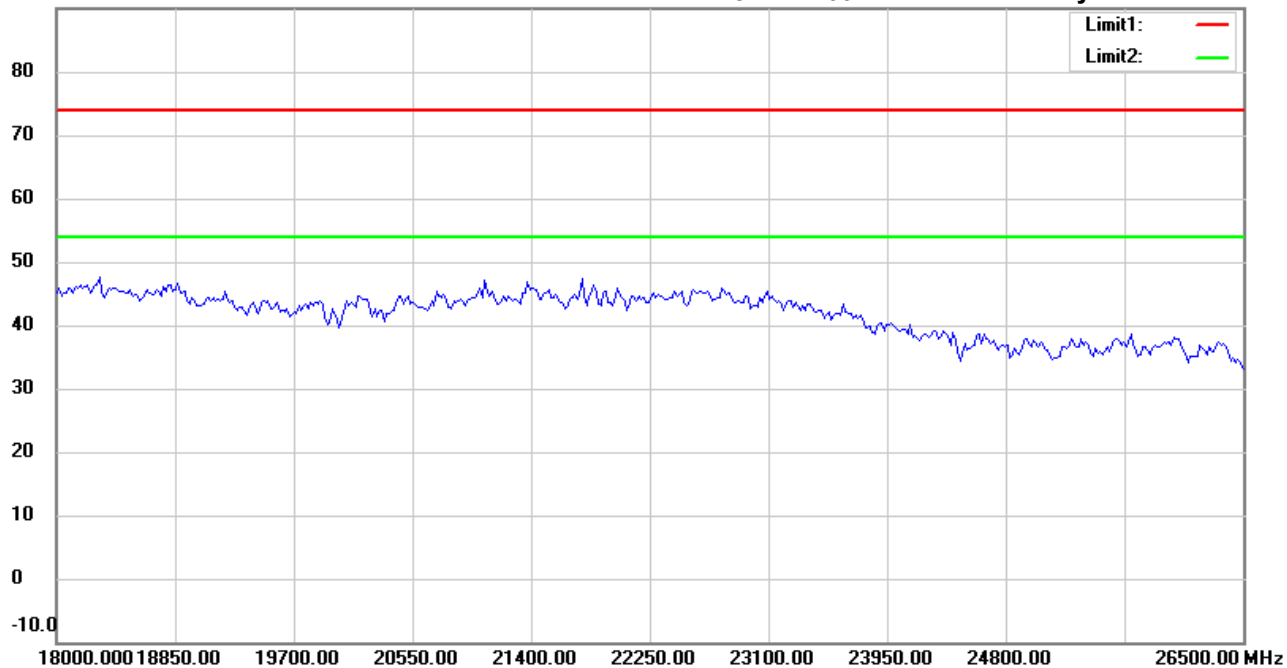
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:42:09 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #11

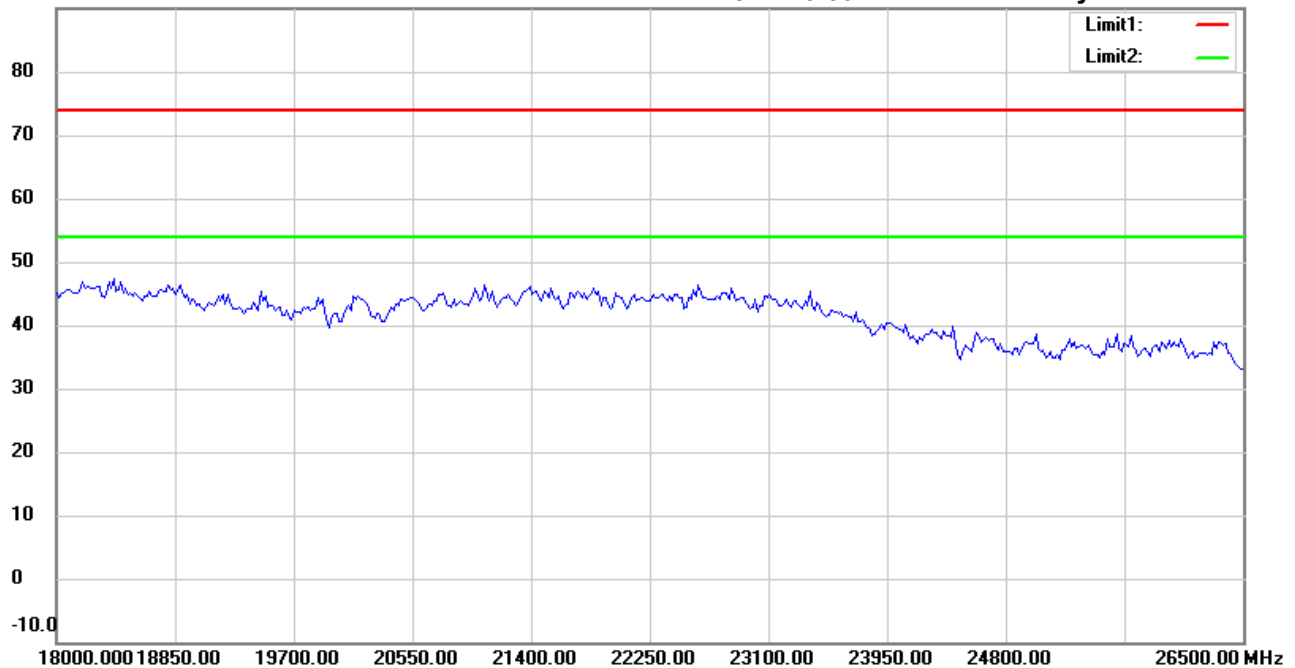
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:46:50 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

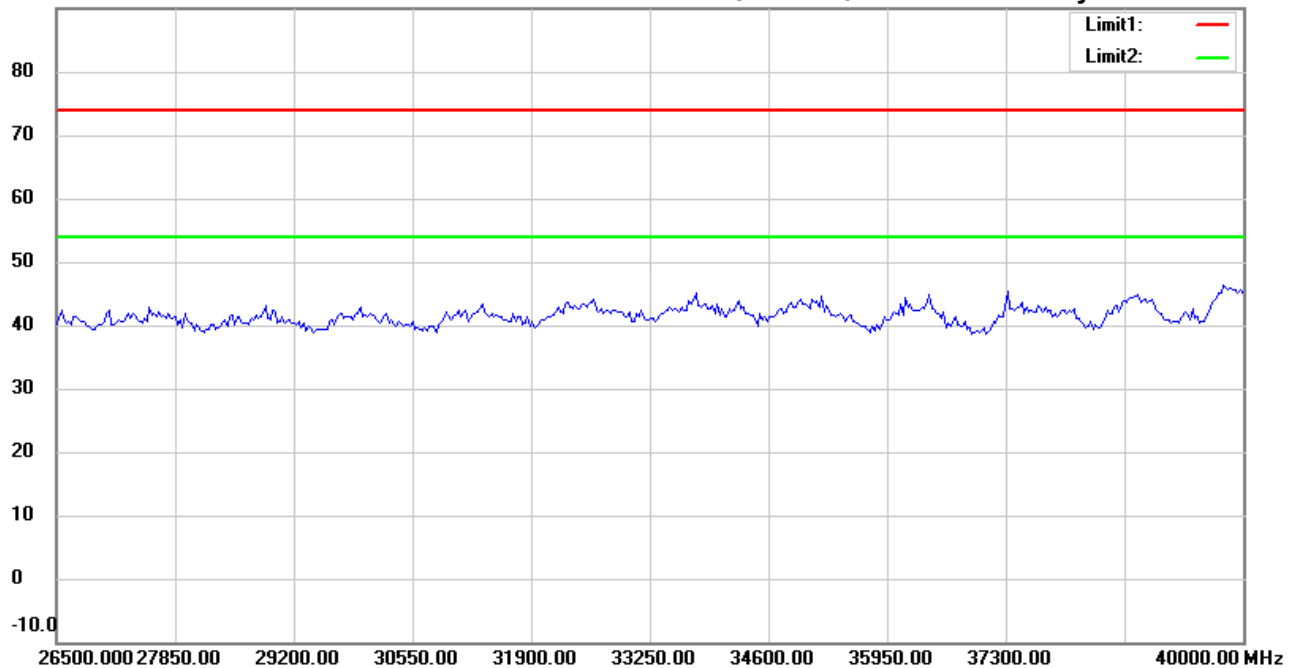
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:42:20 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
Fax:+886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File :3

Data :#12

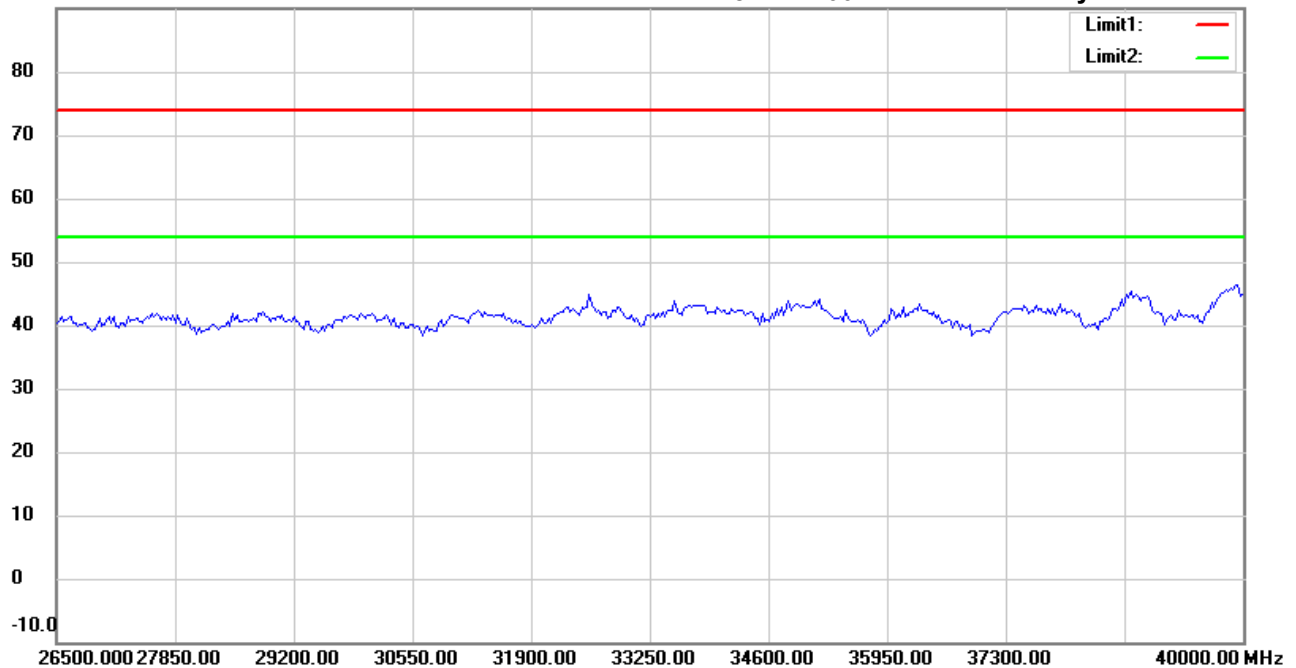
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 4:47:00 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

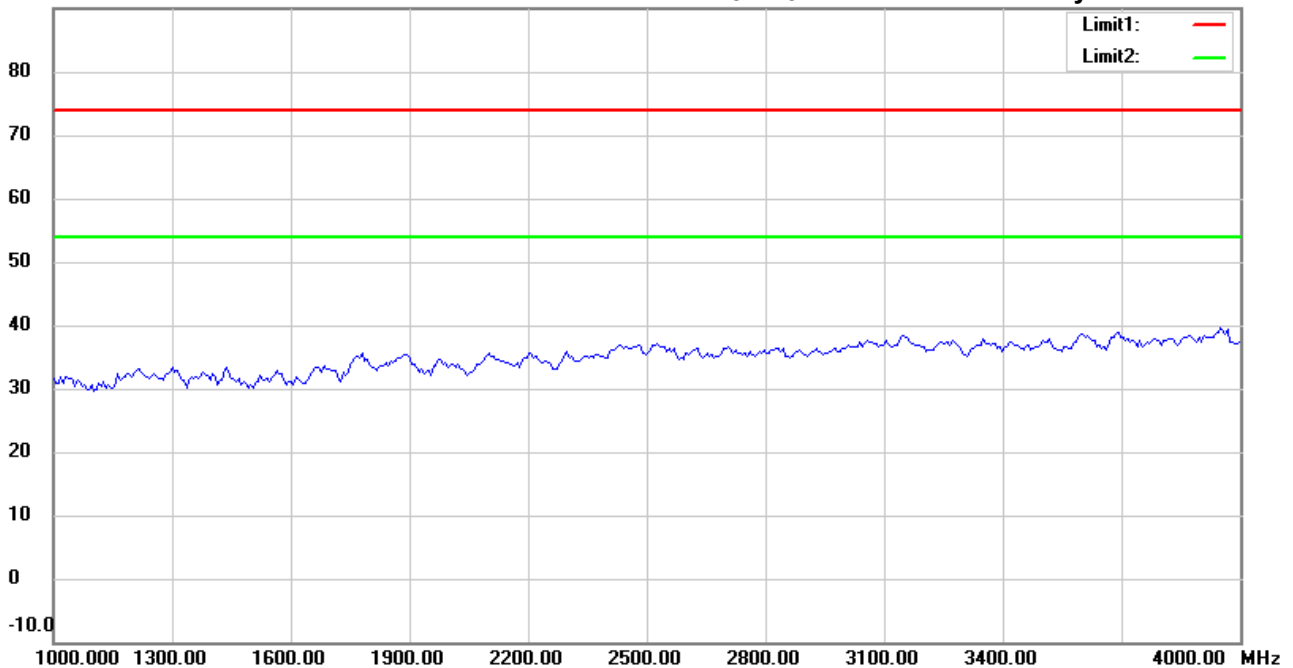
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:51:17 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

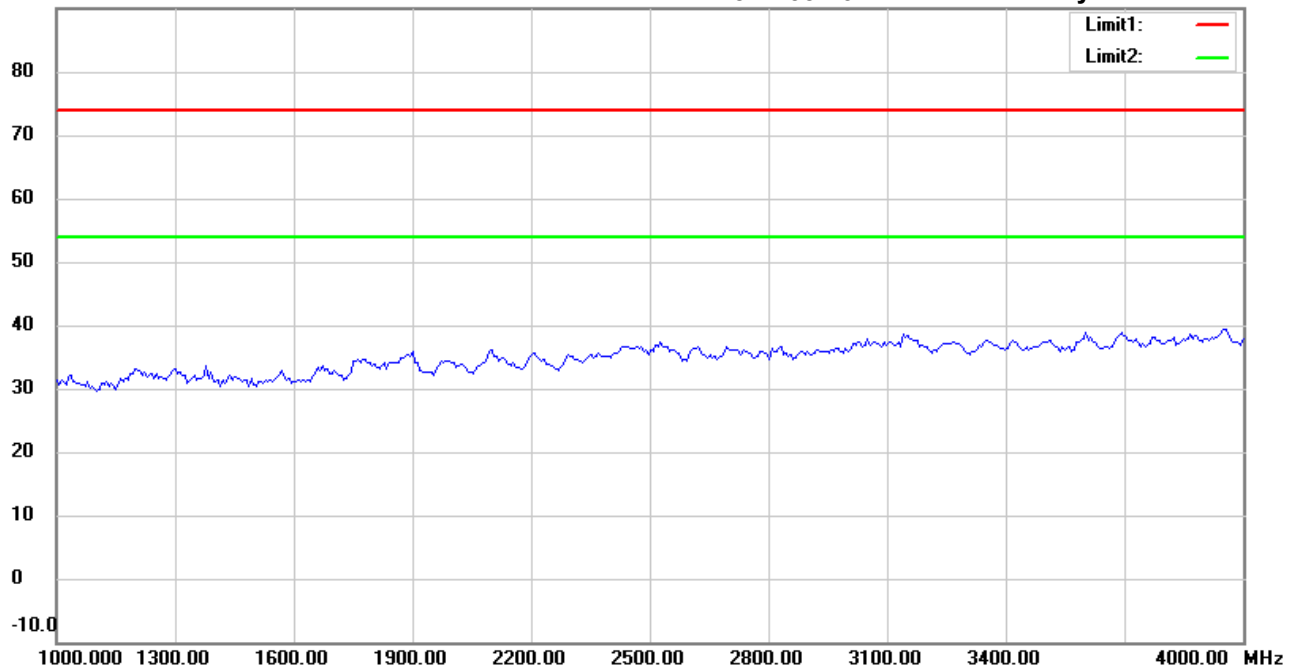
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:58:13 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

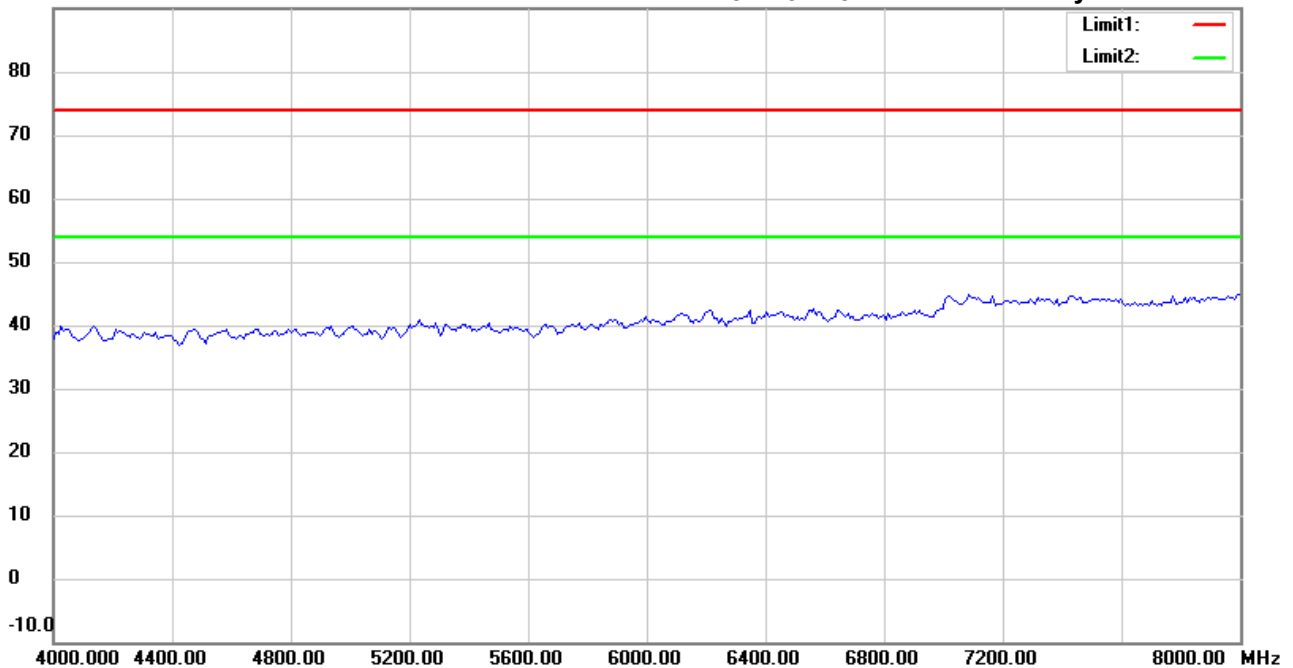
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:52:18 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

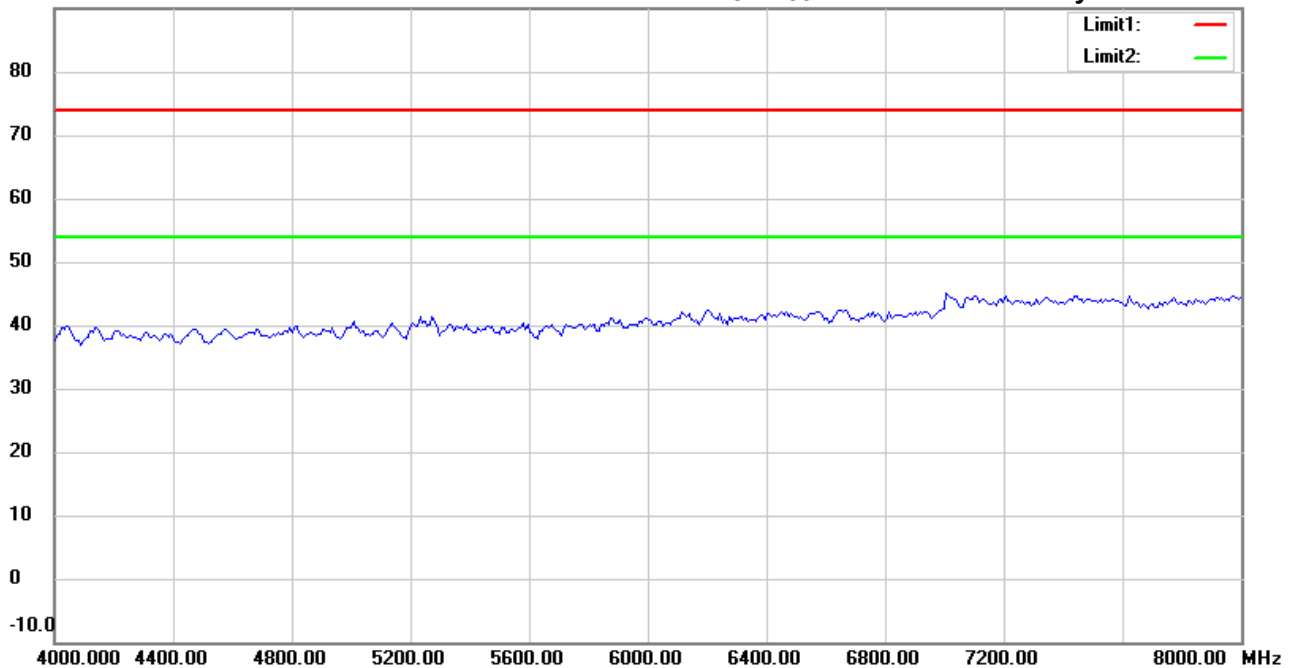
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:59:14 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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### Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

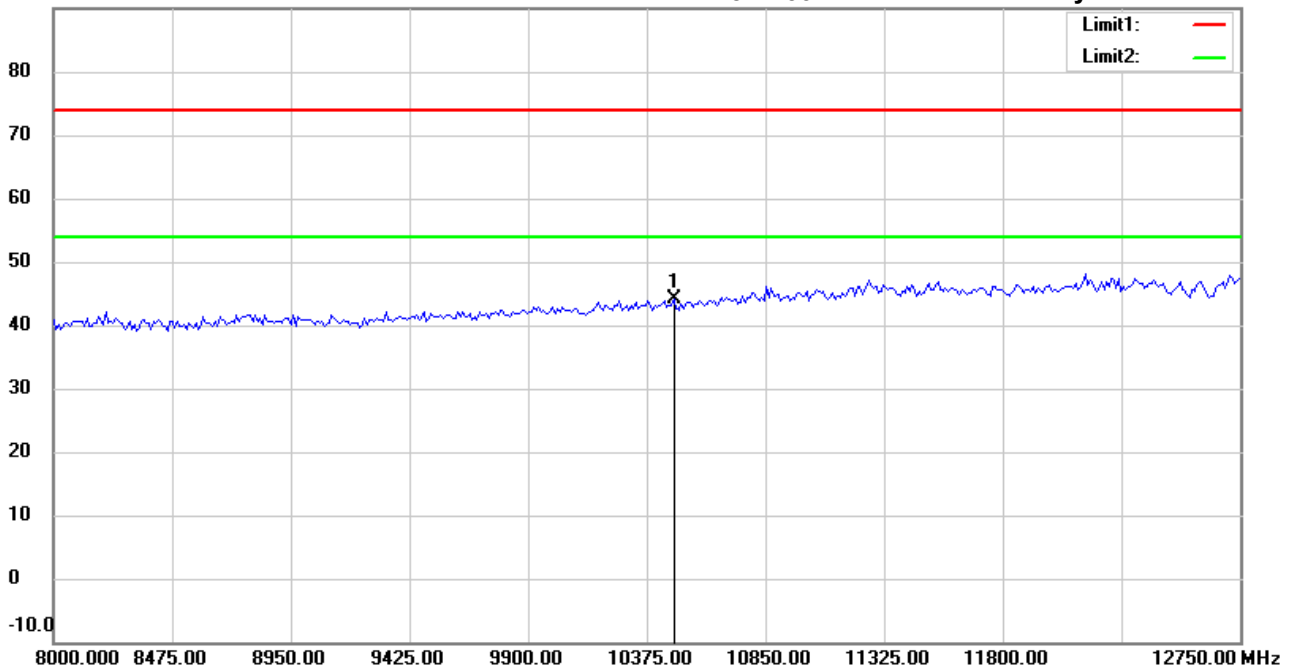
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:53:22 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10480.000       | 35.66          | peak     | 8.46                | 44.12           | 74.00          | 150          | 235            | -29.88      |         |

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



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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

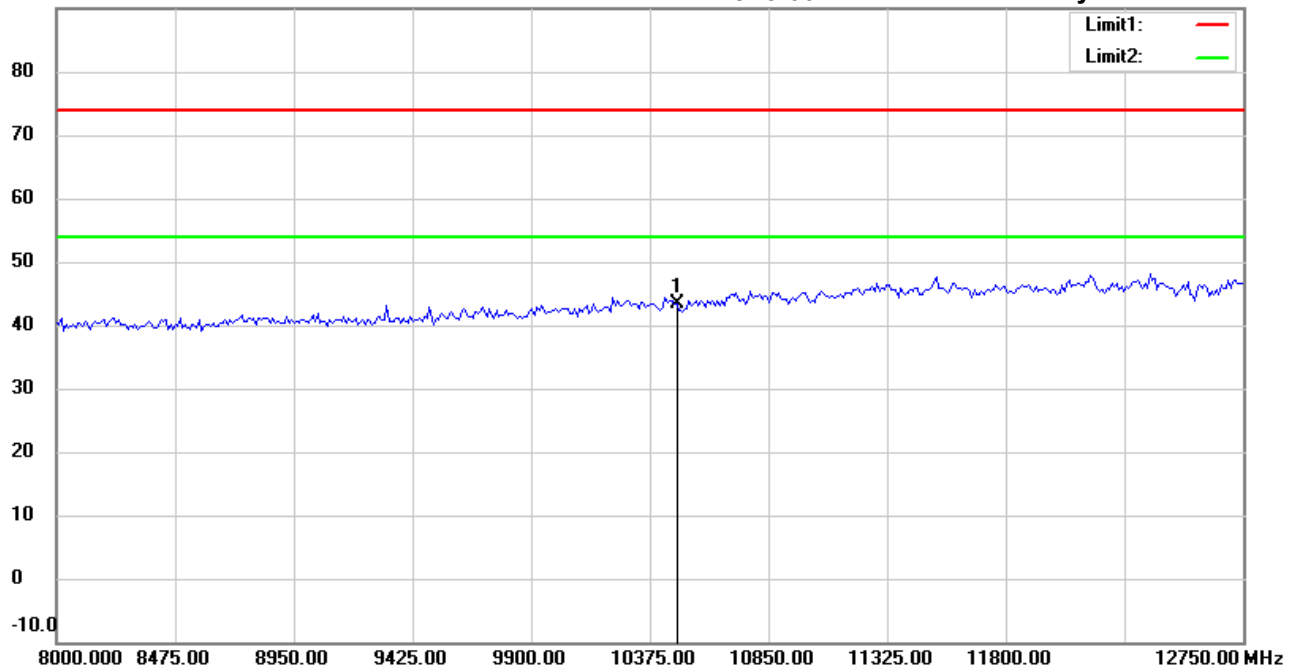
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:00:17 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10480.000       | 35.00          | peak     | 8.46                | 43.46           | 74.00          | 150          | 90             | -30.54      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

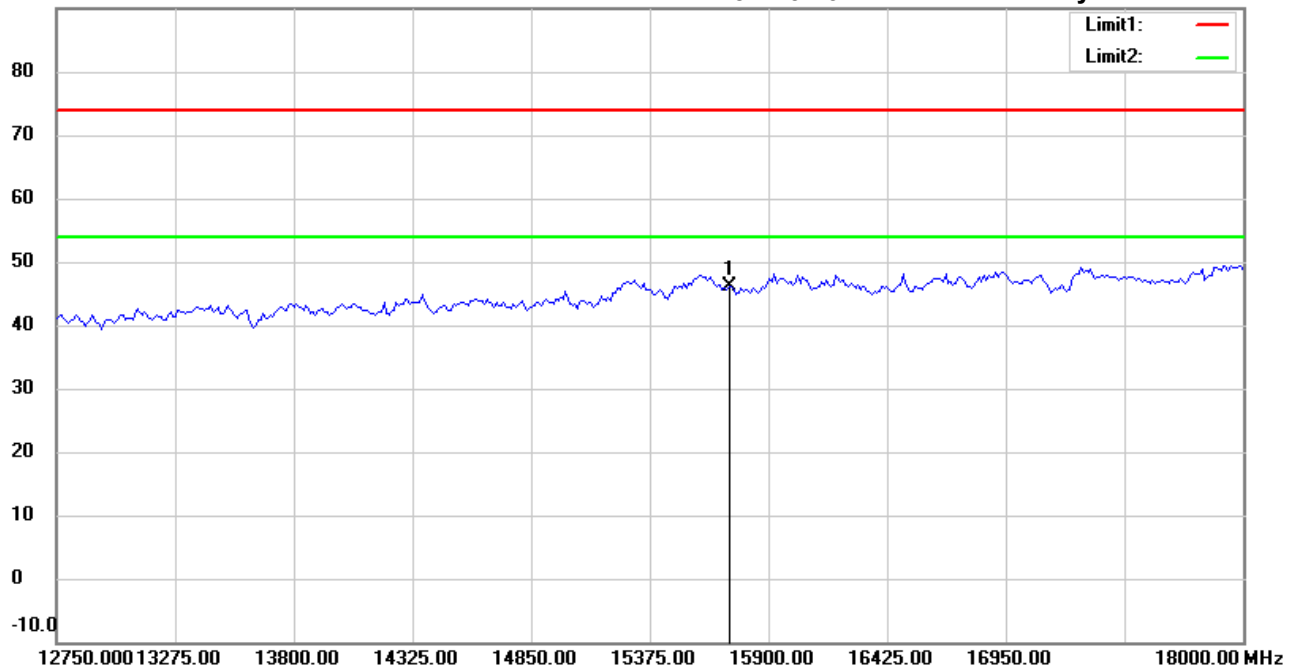
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:54:32 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15720.000       | 28.66          | peak     | 17.44               | 46.10           | 74.00          | 150          | 124            | -27.90      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

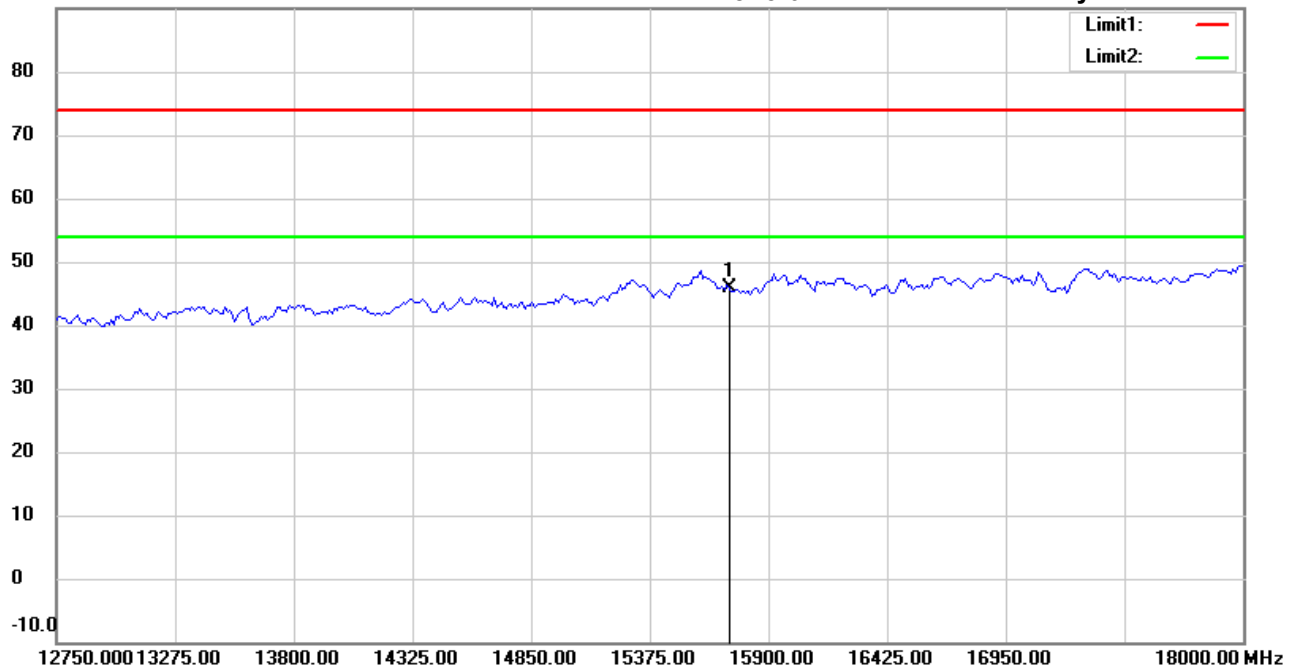
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:01:27 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15720.000       | 28.44          | peak     | 17.44               | 45.88           | 74.00          | 150          | 255            | -28.12      |         |

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



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Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

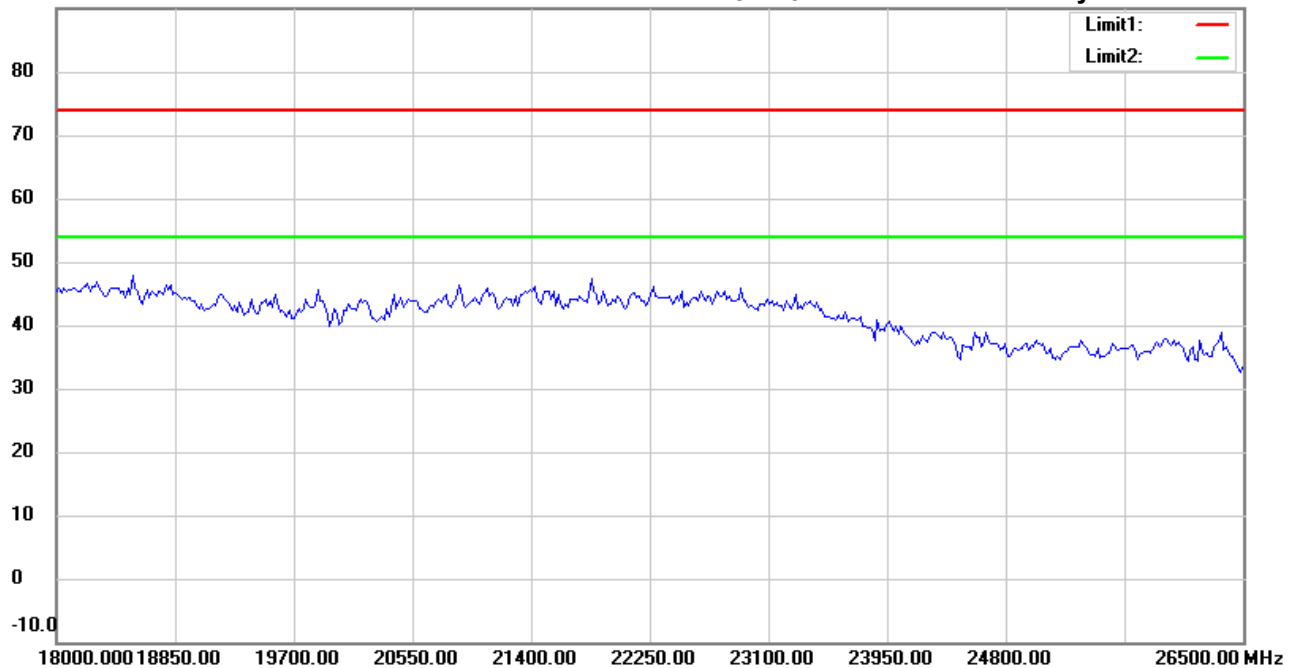
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:54:41 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#11

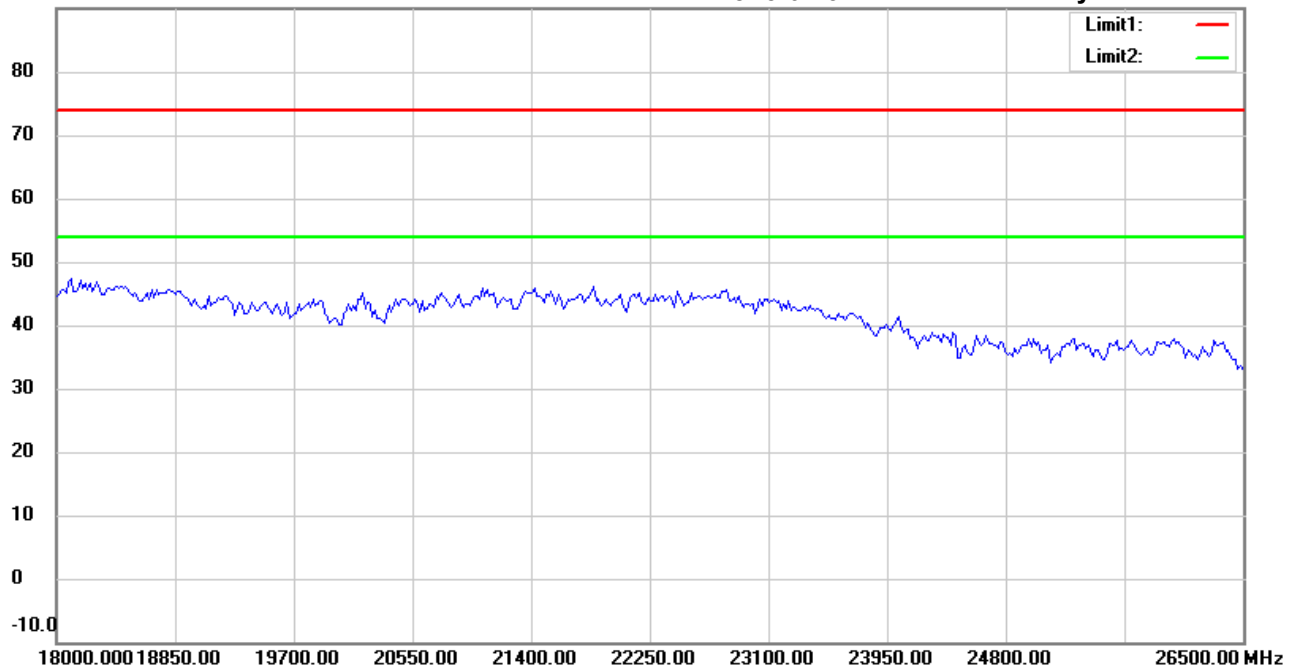
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 5:01:37 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

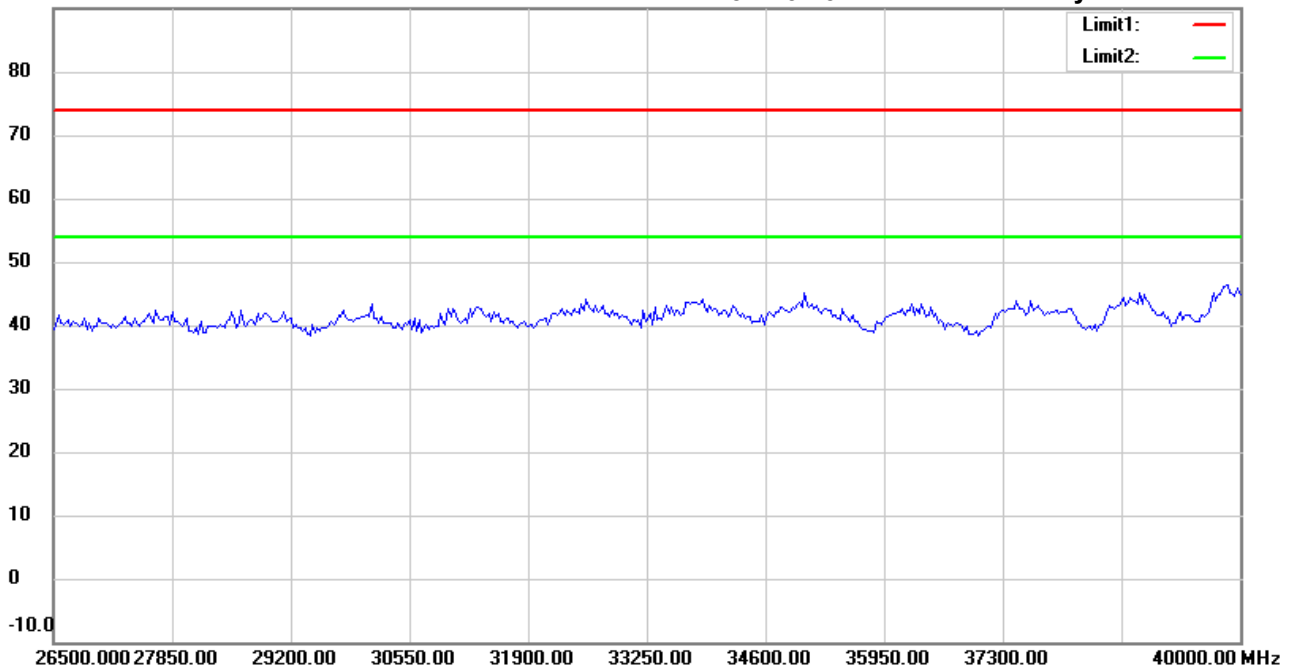
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:54:52 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #12

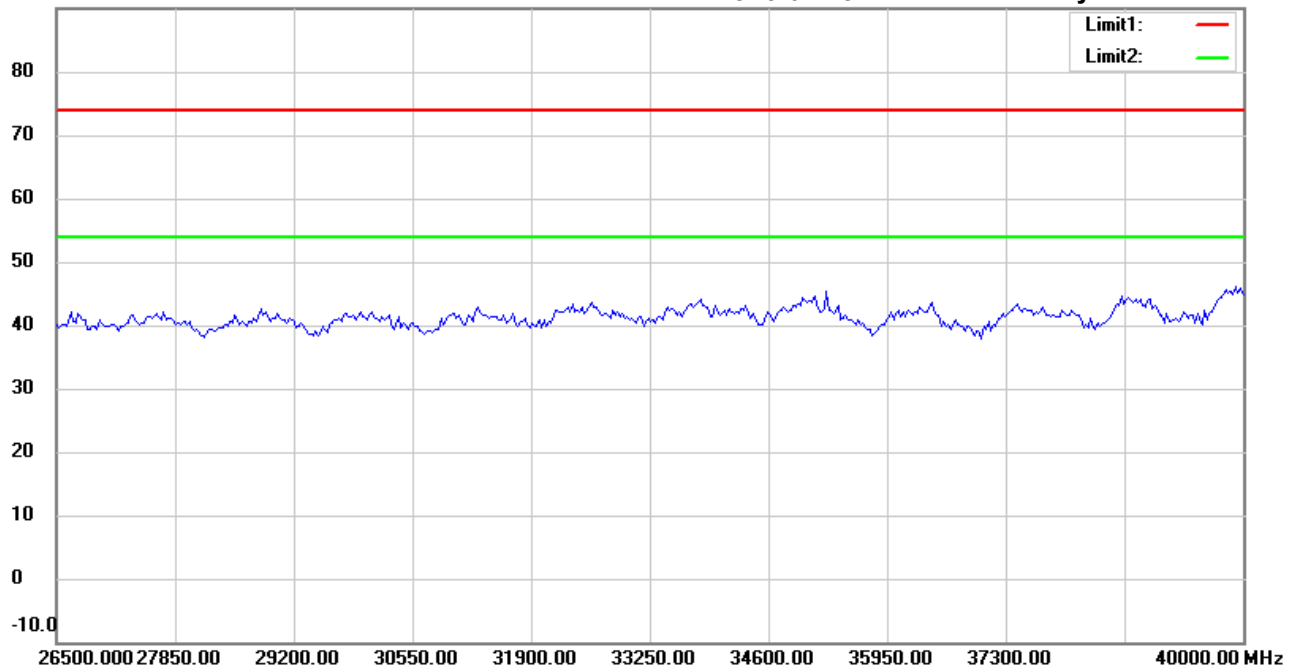
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:01:48 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #1

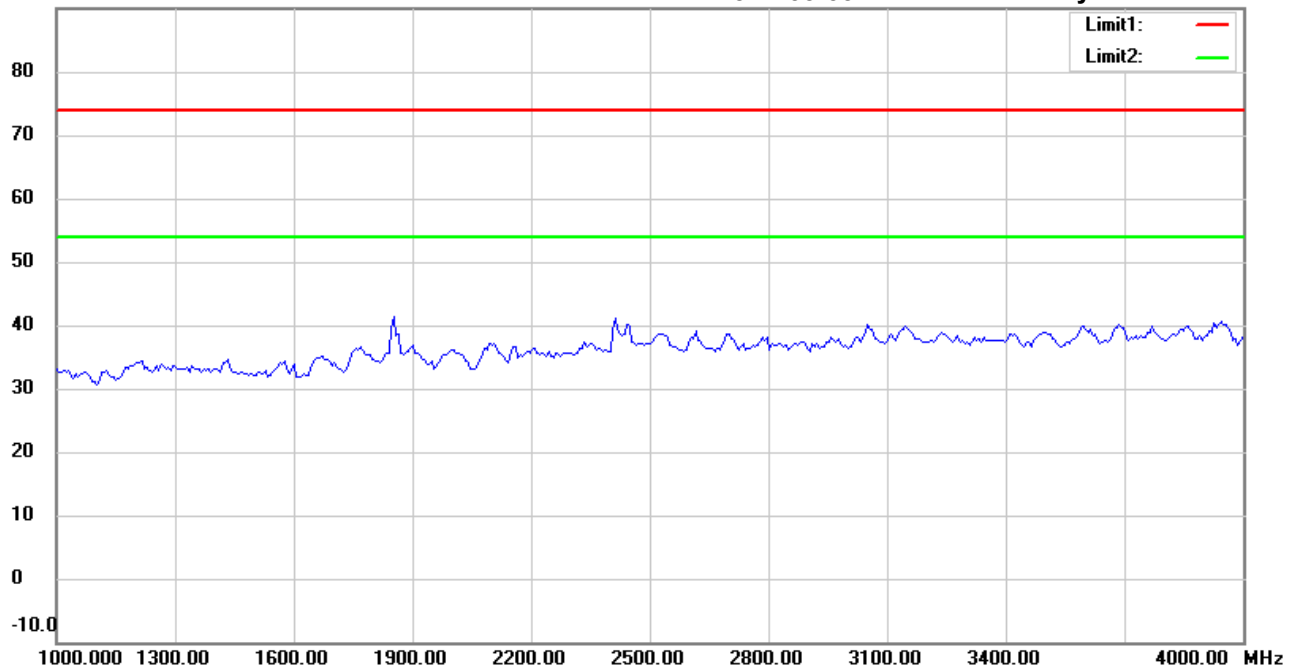
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 1:58:58 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
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### Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

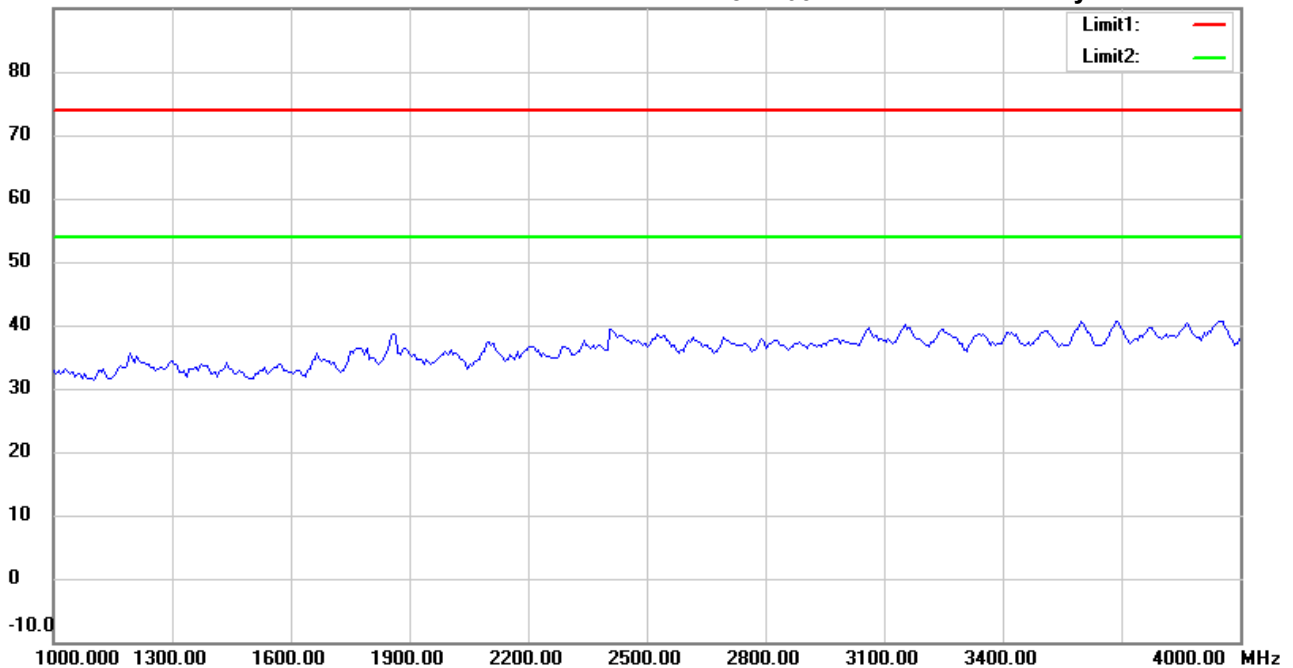
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 2:03:41 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#2

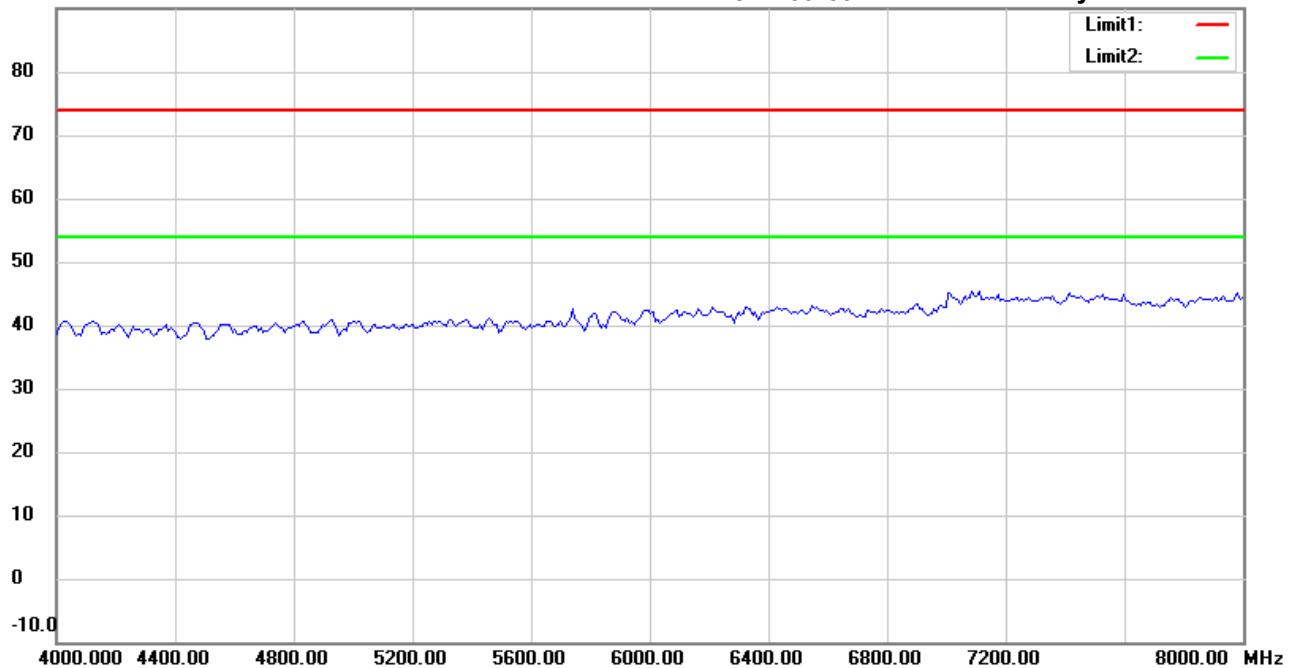
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 1:59:59 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

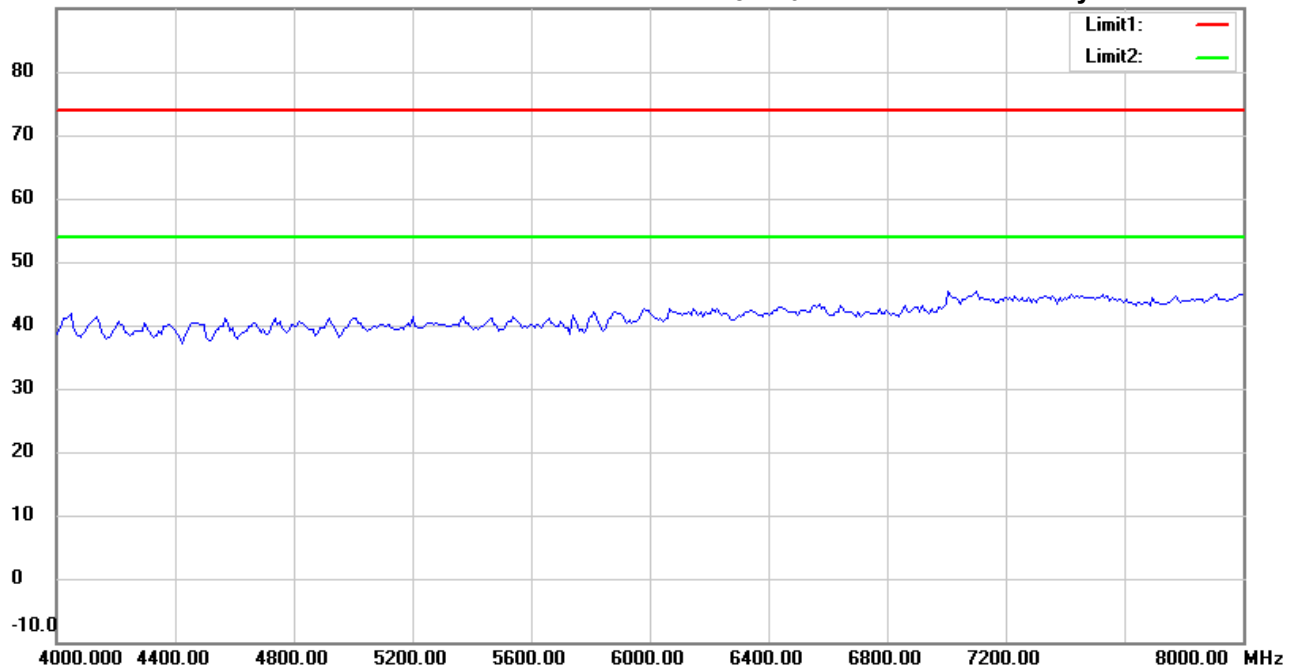
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 2:04:42 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

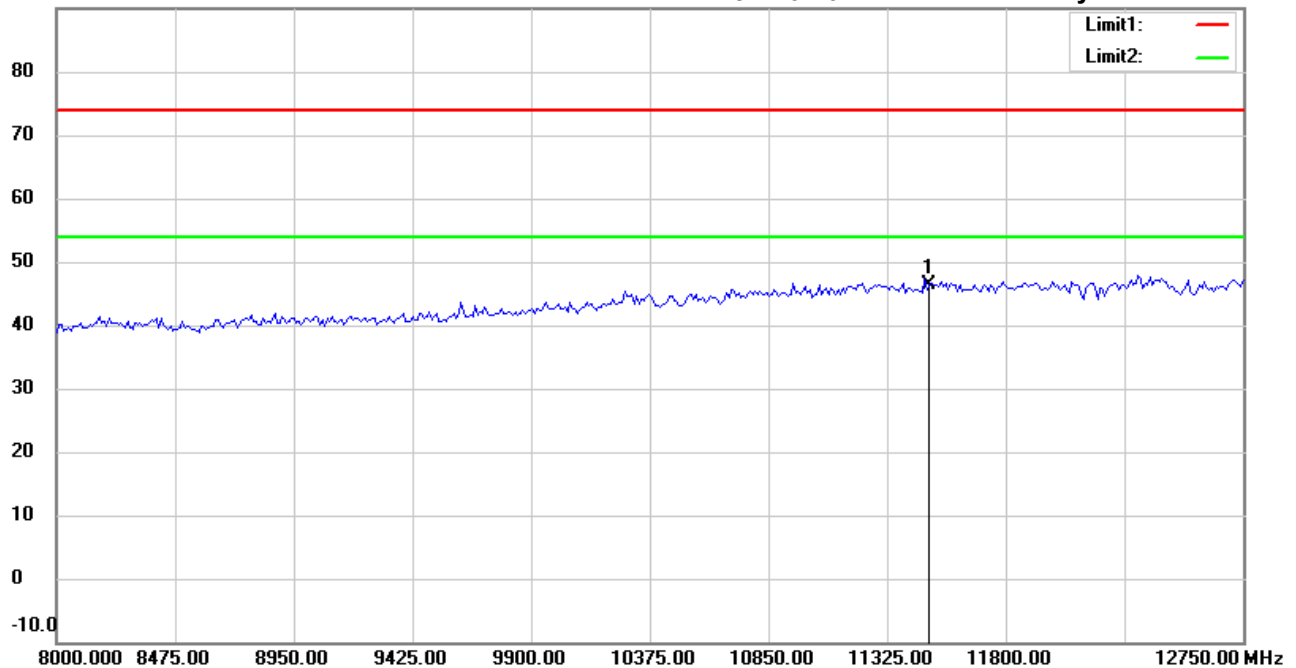
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:01:07 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11490.000       | 35.09          | peak     | 11.36               | 46.45           | 74.00          | 150          | 30             | -27.55      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #9

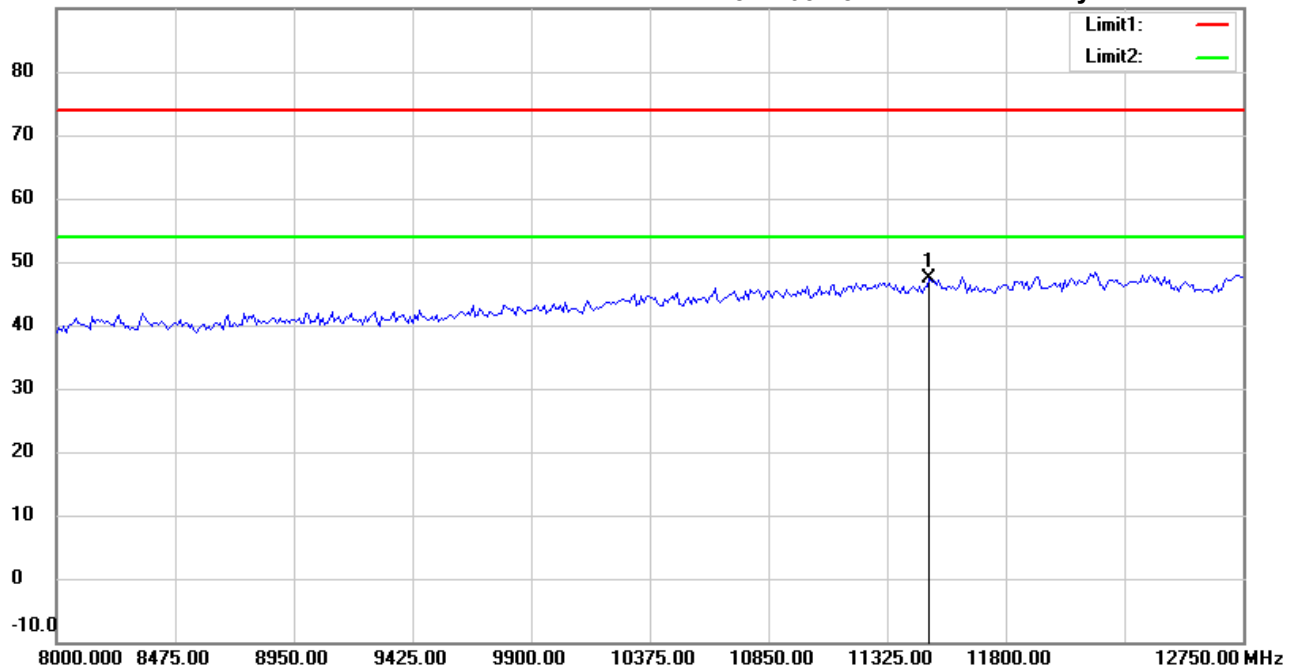
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:05:48 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11490.000       | 35.97          | peak     | 11.36               | 47.33           | 74.00          | 150          | 80             | -26.67      |         |

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



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Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

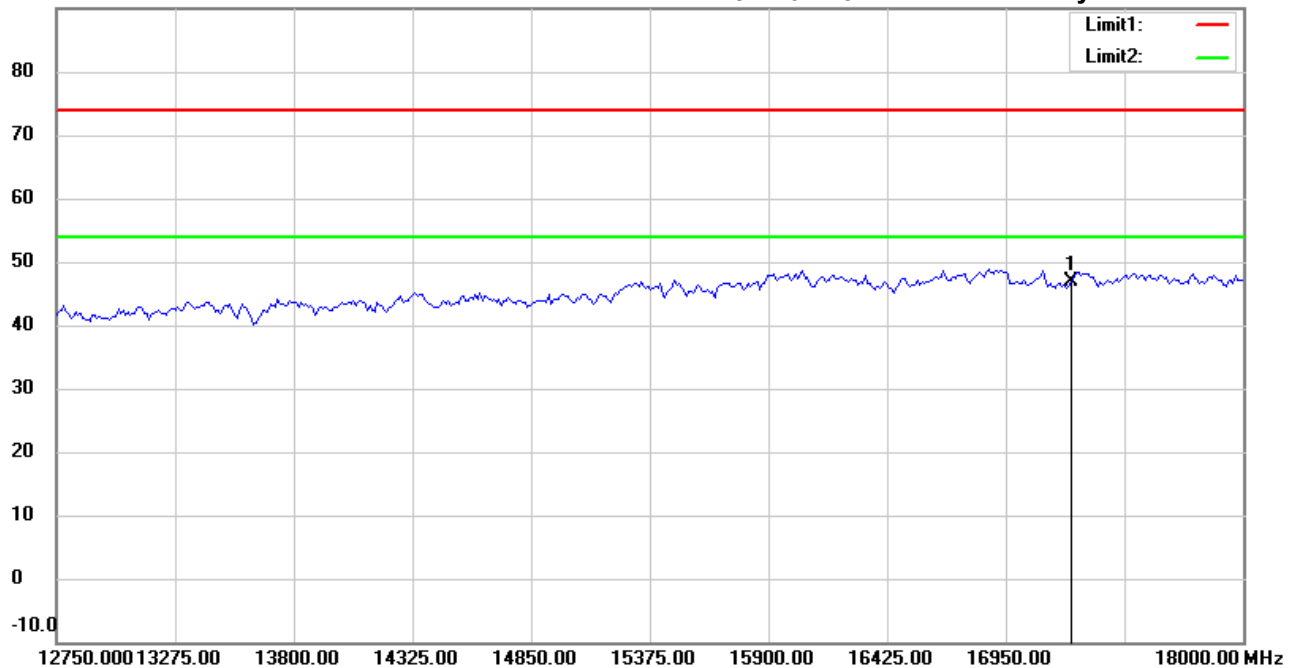
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:02:15 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17235.000       | 27.63          | peak     | 19.23               | 46.86           | 74.00          | 150          | 300            | -27.14      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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Radiated Emission Measurement

Operator: Allen

File :3

Data :#10

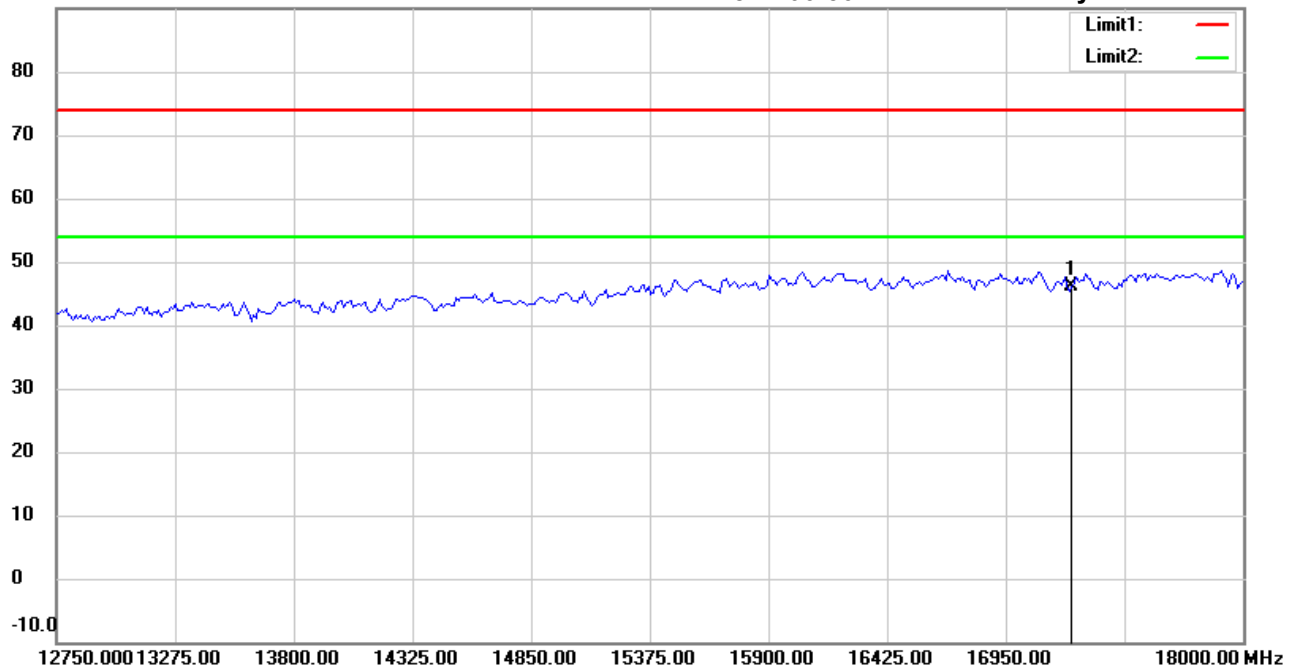
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:06:56 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17235.000       | 27.01          | peak     | 19.23               | 46.24           | 74.00          | 150          | 110            | -27.76      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #5

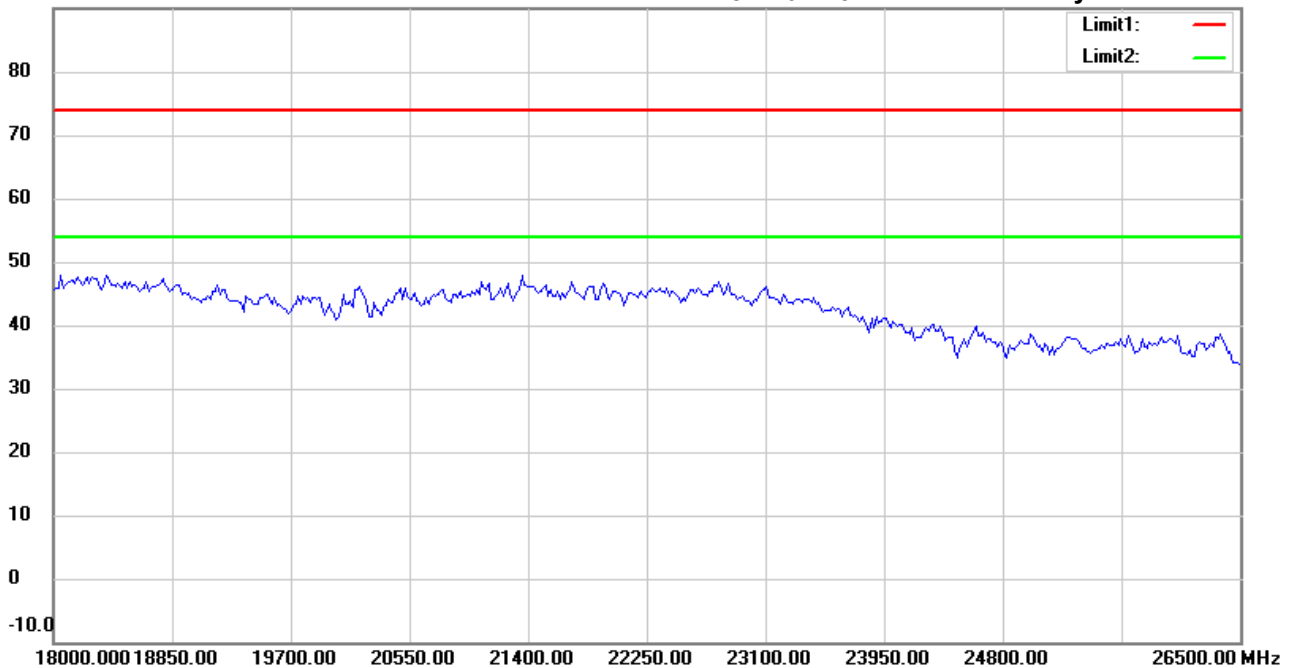
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:02:25 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #11

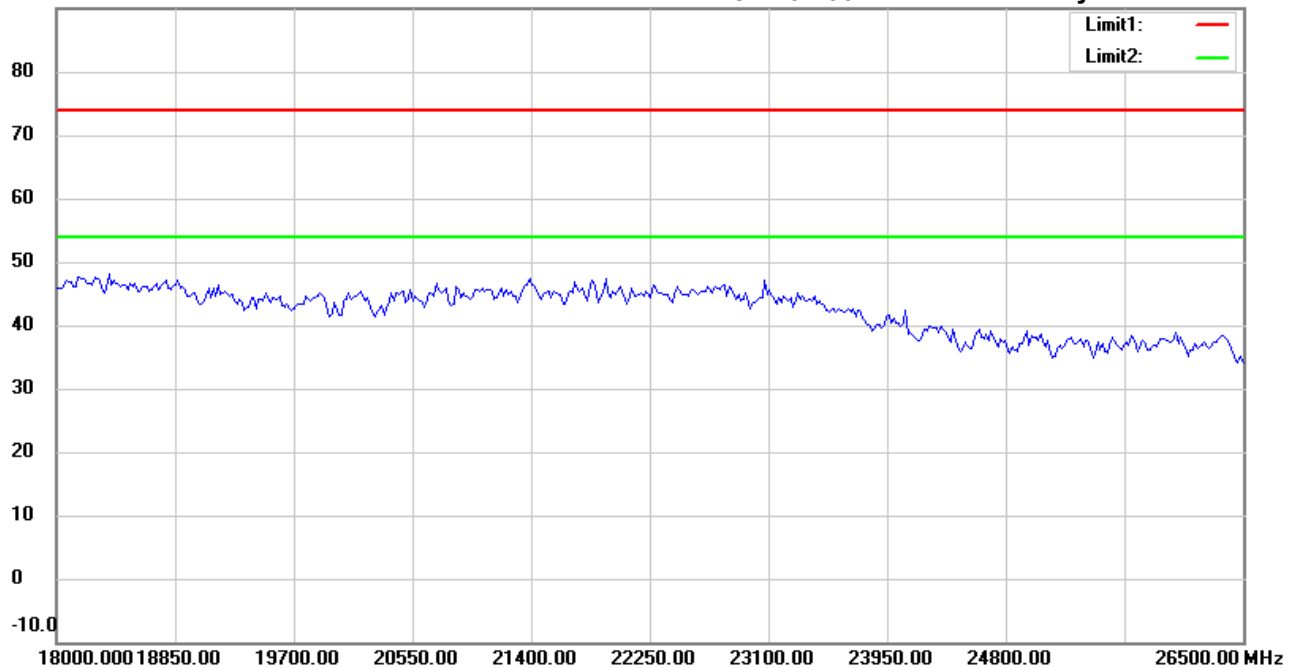
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:07:06 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #6

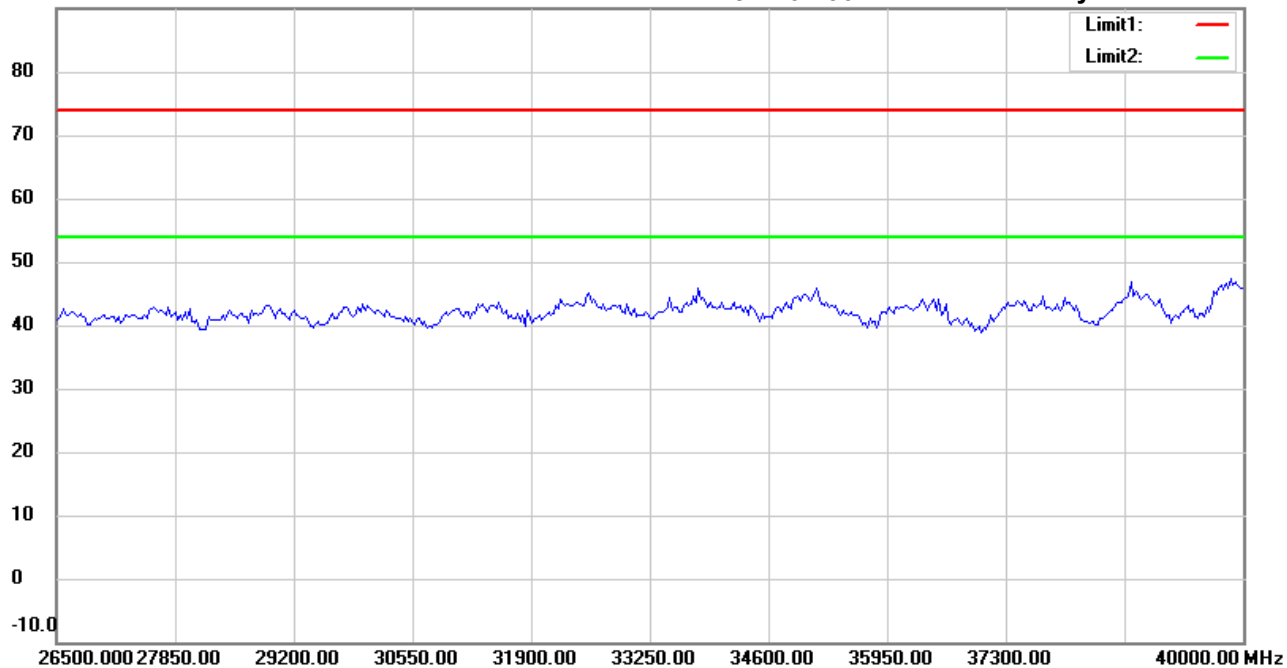
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:02:36 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #12

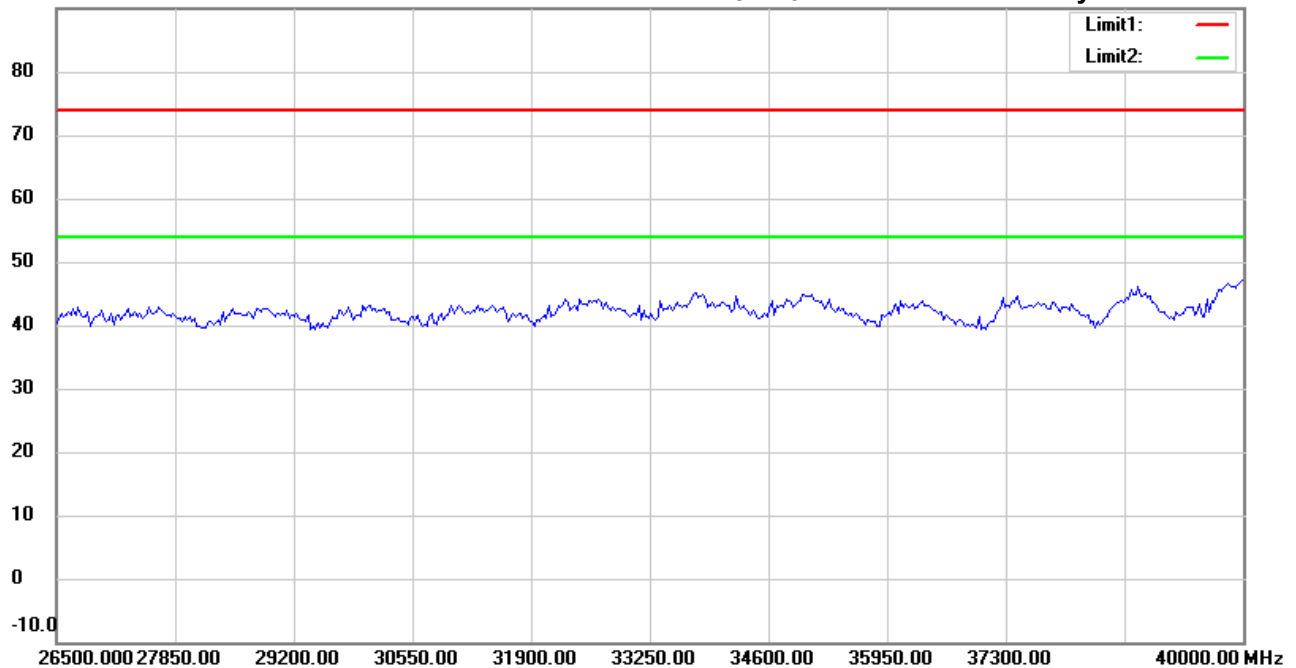
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:07:17 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#1

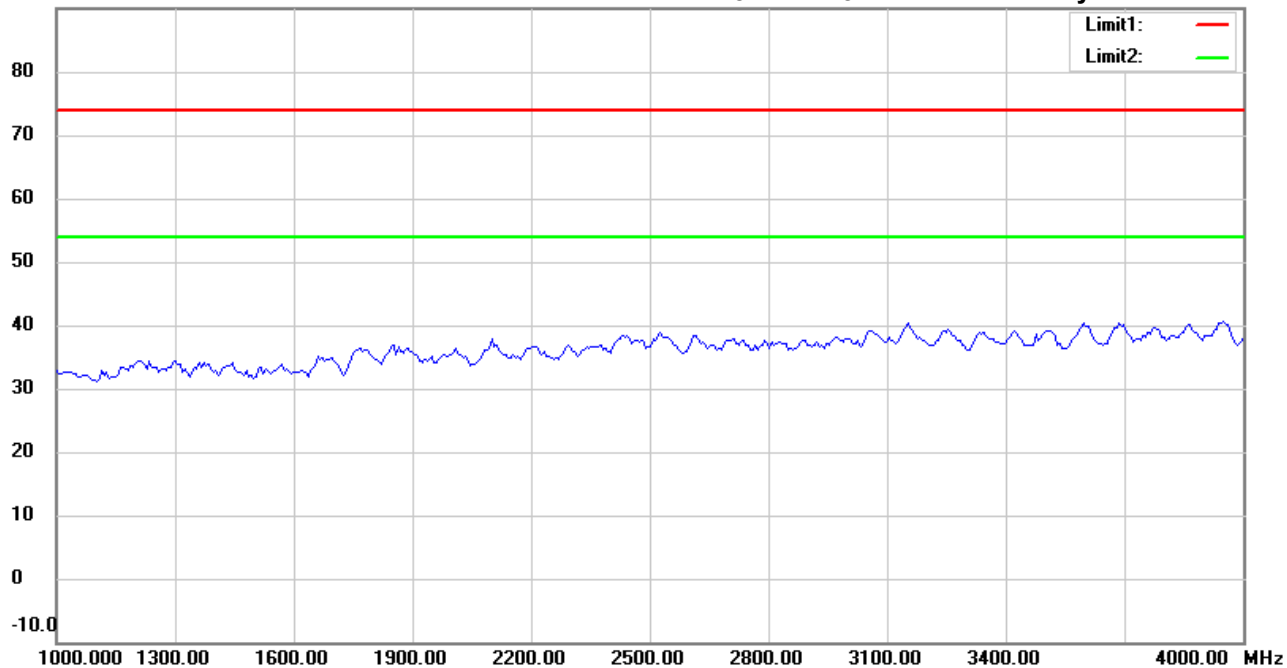
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 2:12:28 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #7

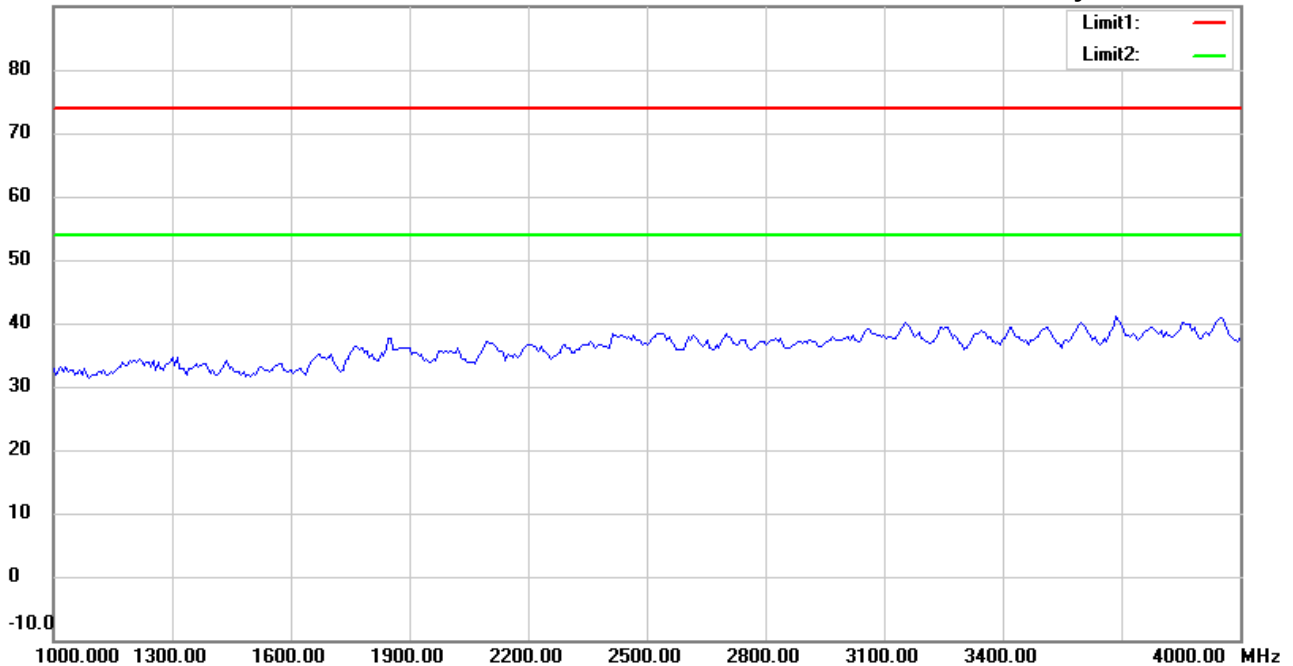
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:17:08 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#2

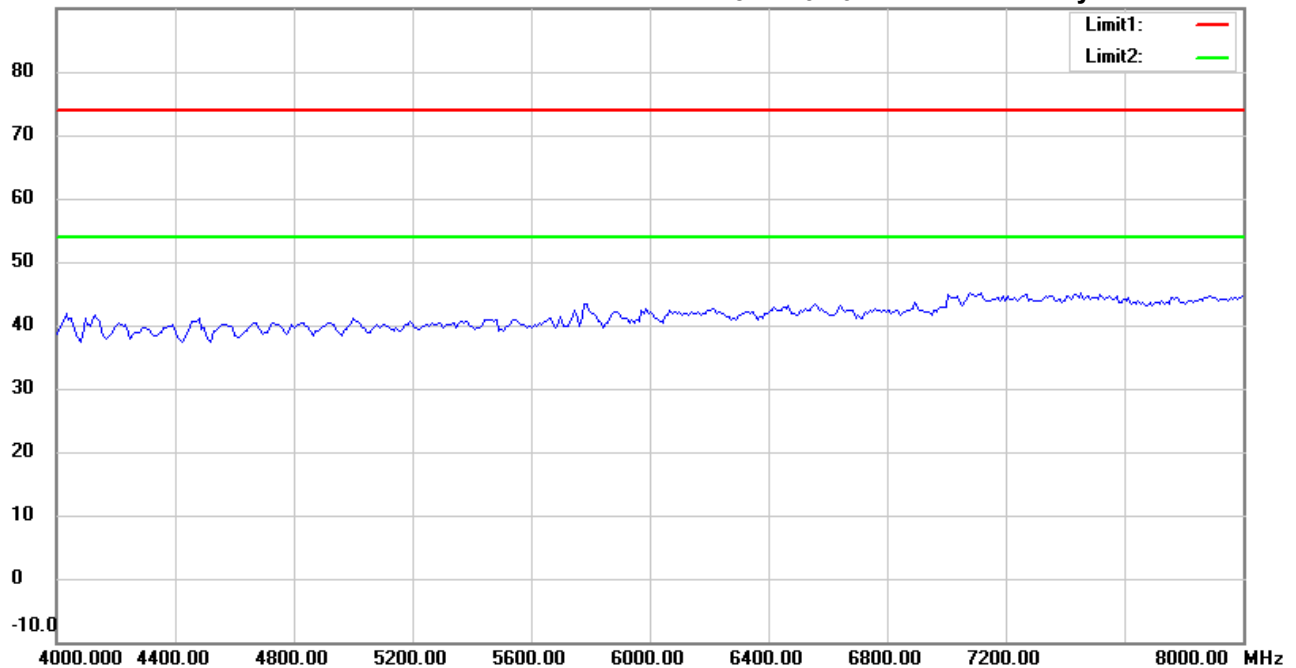
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 2:13:29 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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### Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

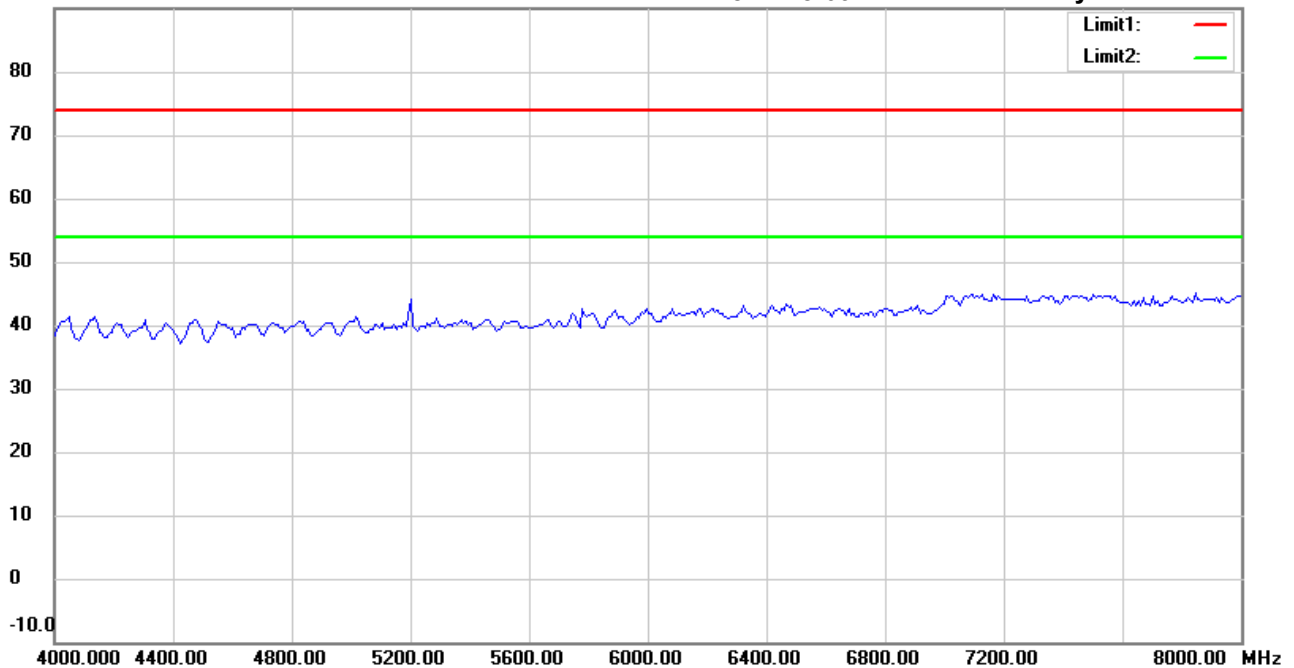
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 2:18:09 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#3

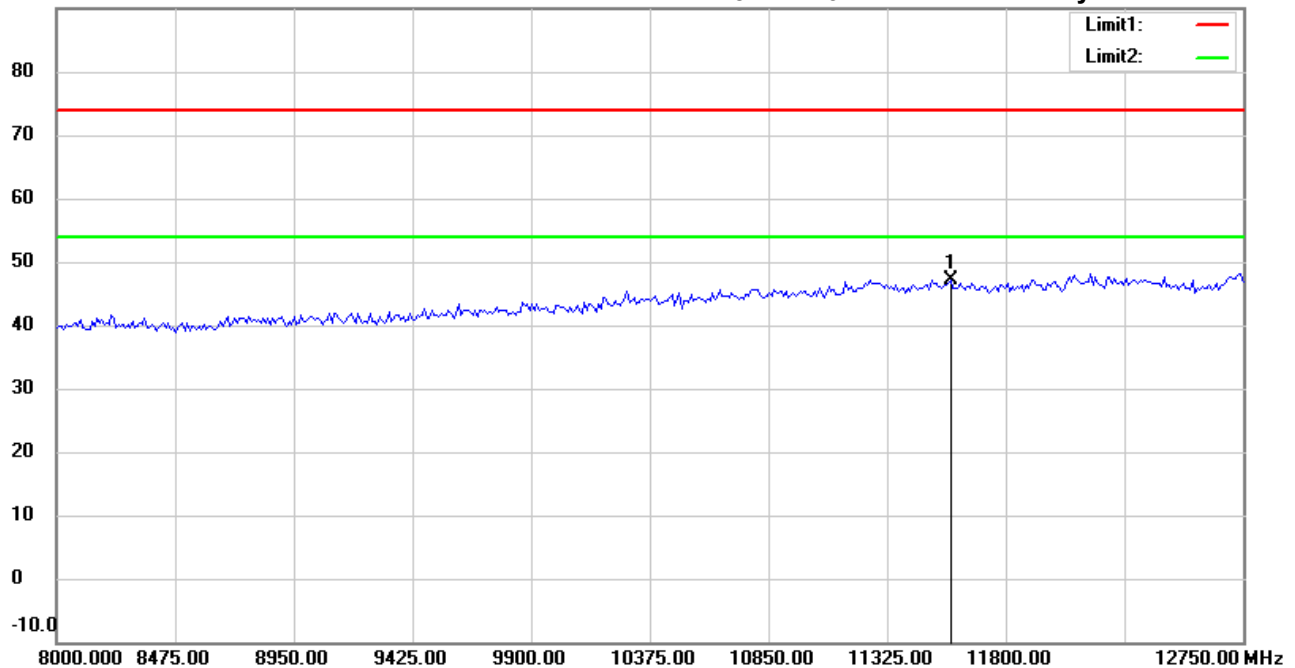
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:14:34 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11570.000       | 35.97          | peak     | 11.12               | 47.09           | 74.00          | 150          | 260            | -26.91      |         |

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #9

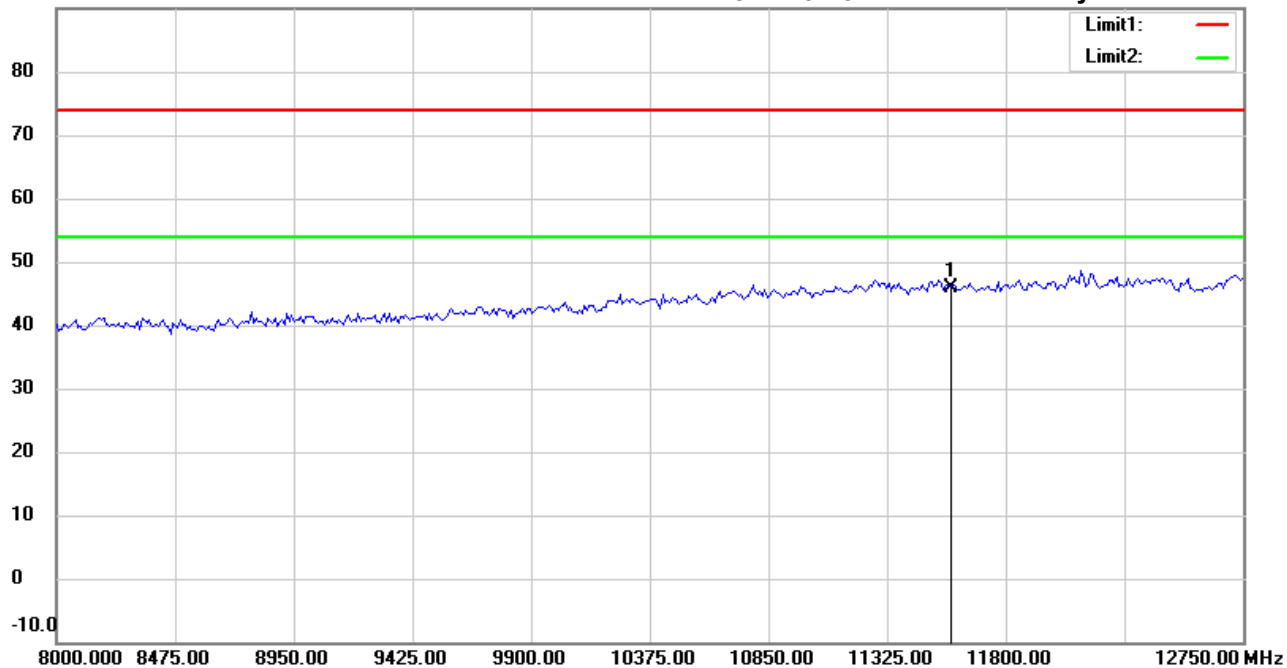
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:19:15 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11570.000       | 34.88          | peak     | 11.12               | 46.00           | 74.00          | 150          | 35             | -28.00      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

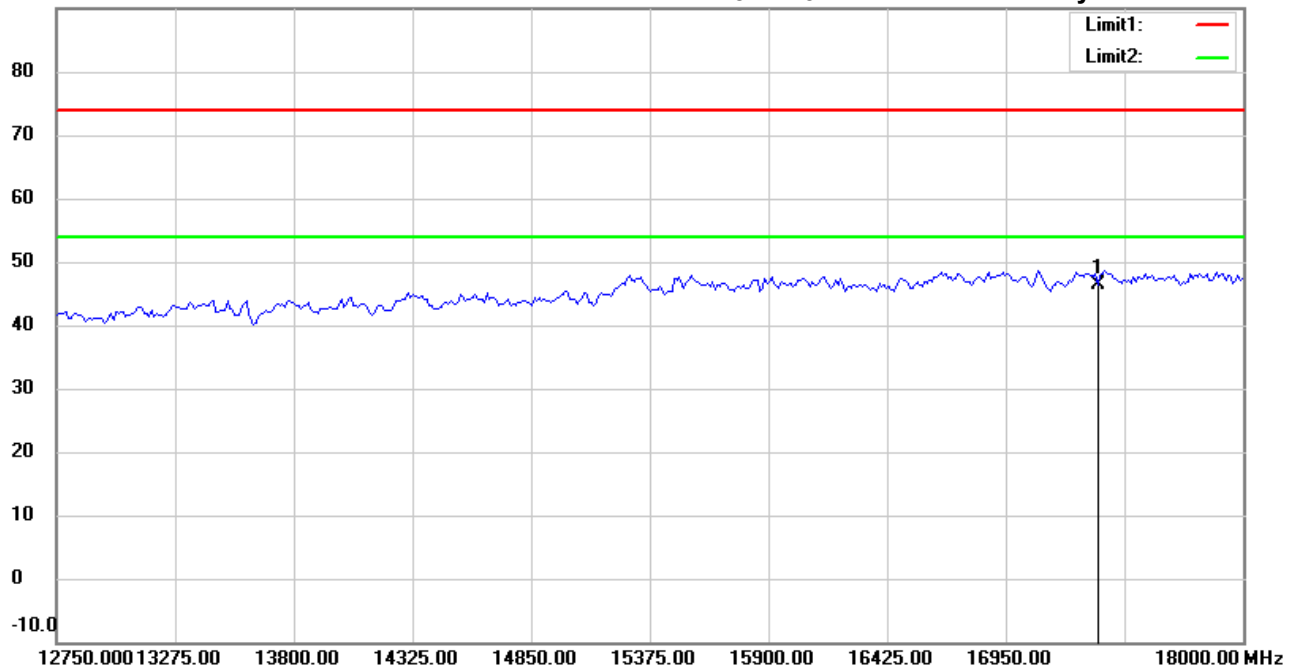
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:15:42 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17355.000       | 26.03          | peak     | 20.45               | 46.48           | 74.00          | 150          | 50             | -27.52      |         |

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #10

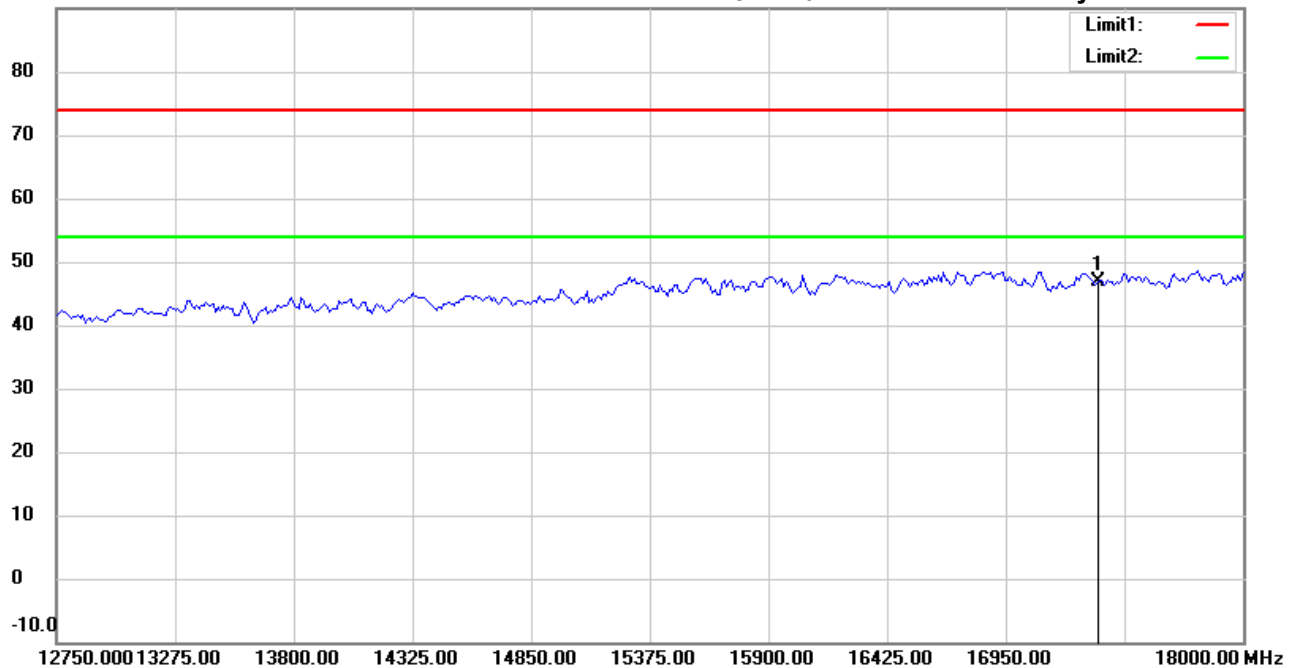
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:20:24 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17355.000       | 26.32          | peak     | 20.45               | 46.77           | 74.00          | 150          | 215            | -27.23      |         |

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #5

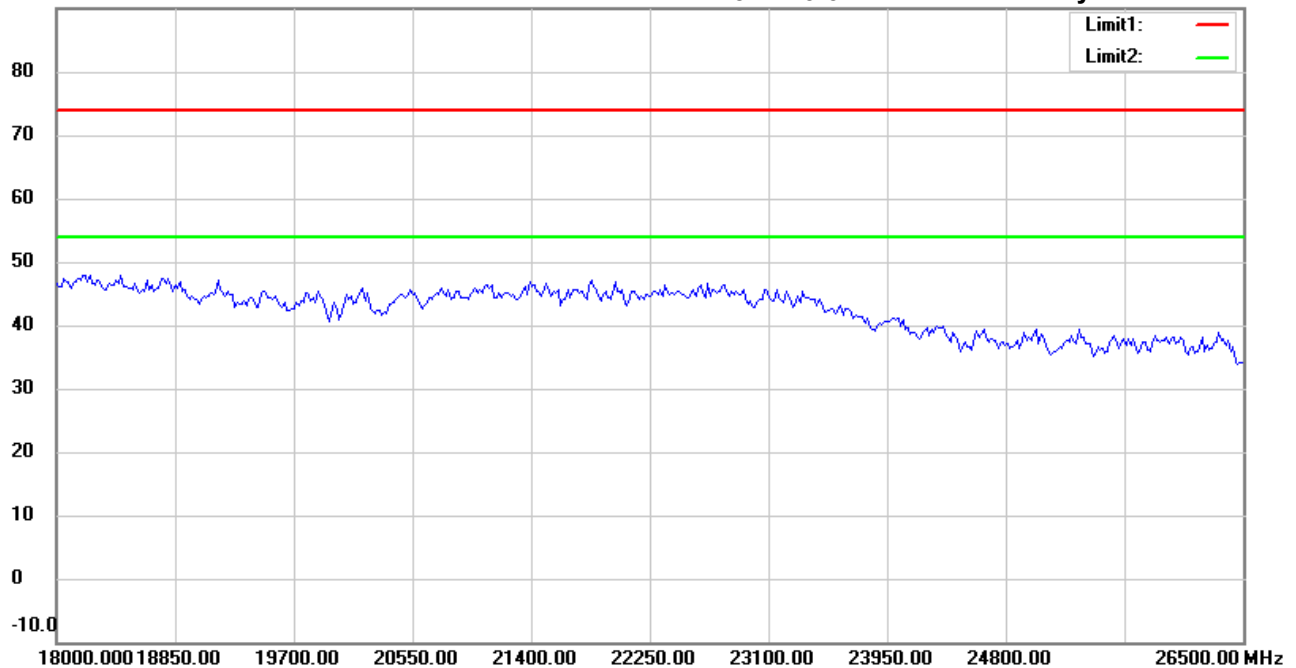
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:15:52 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #11

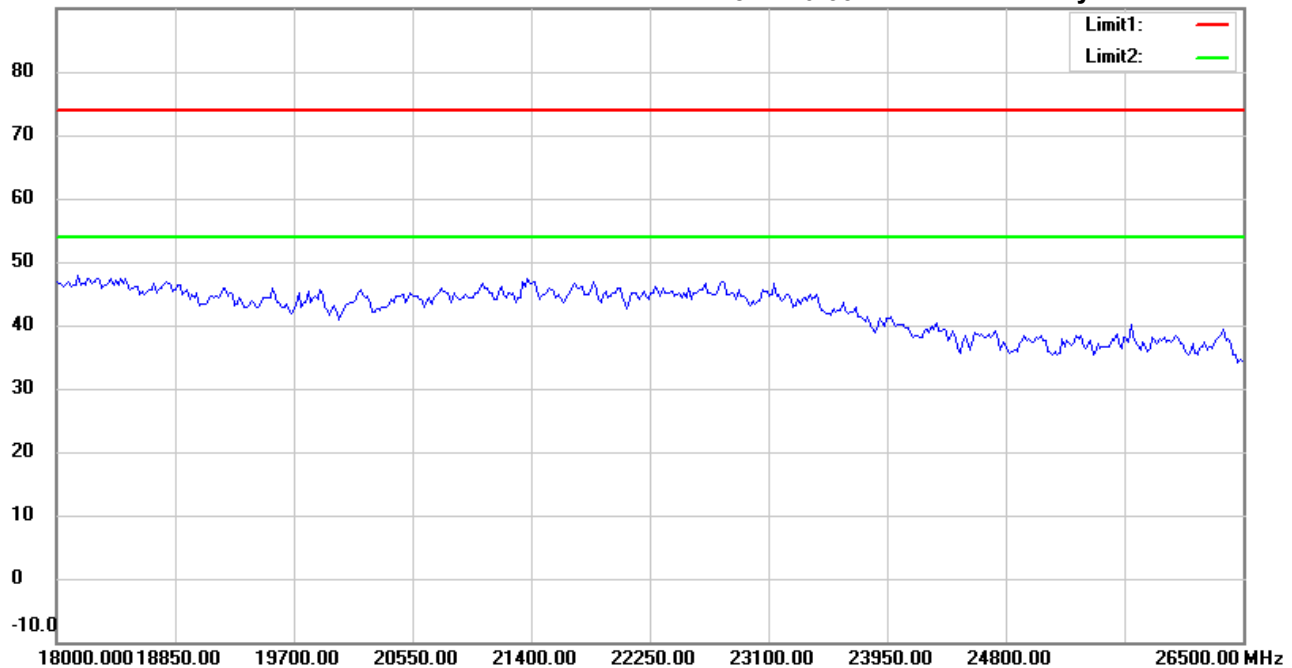
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:20:33 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #6

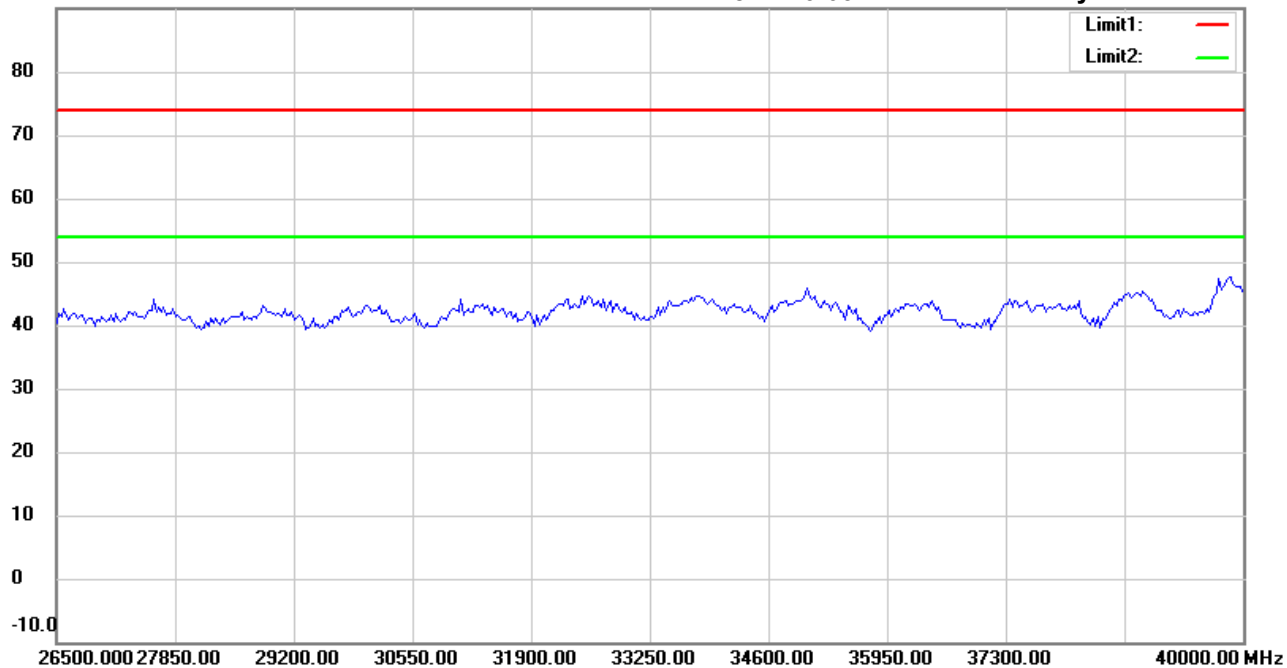
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:16:03 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #12

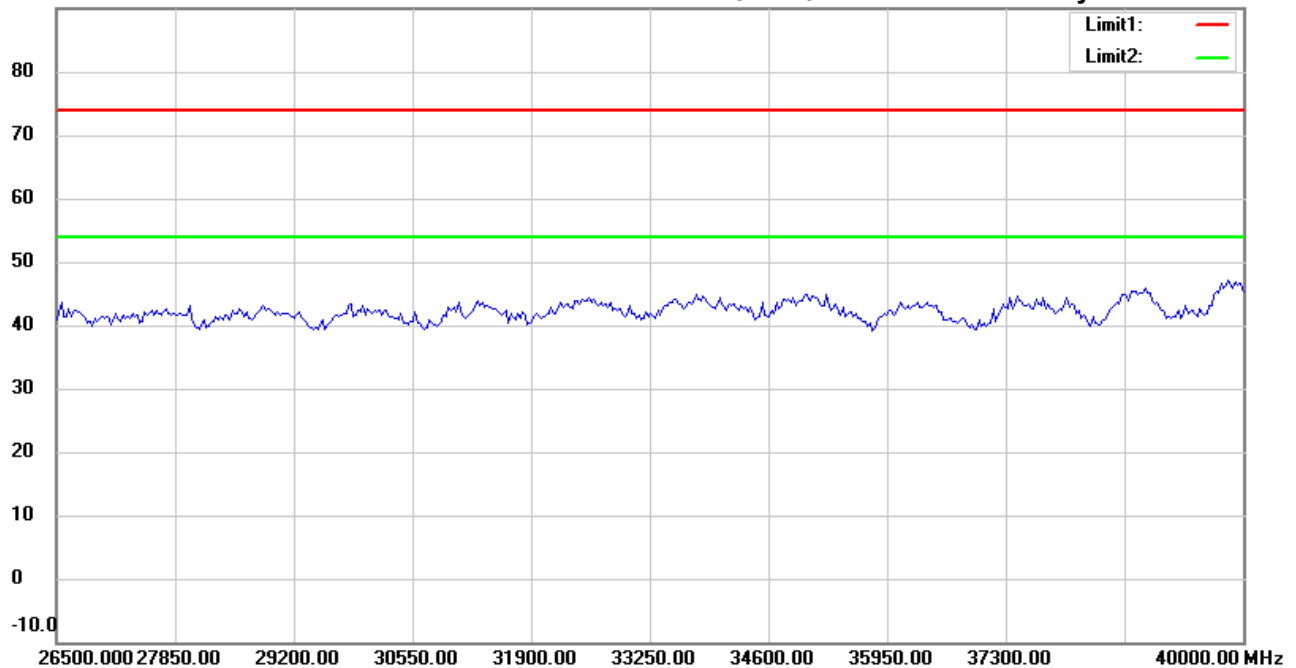
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:20:44 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
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Fax:+886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File :3

Data :#1

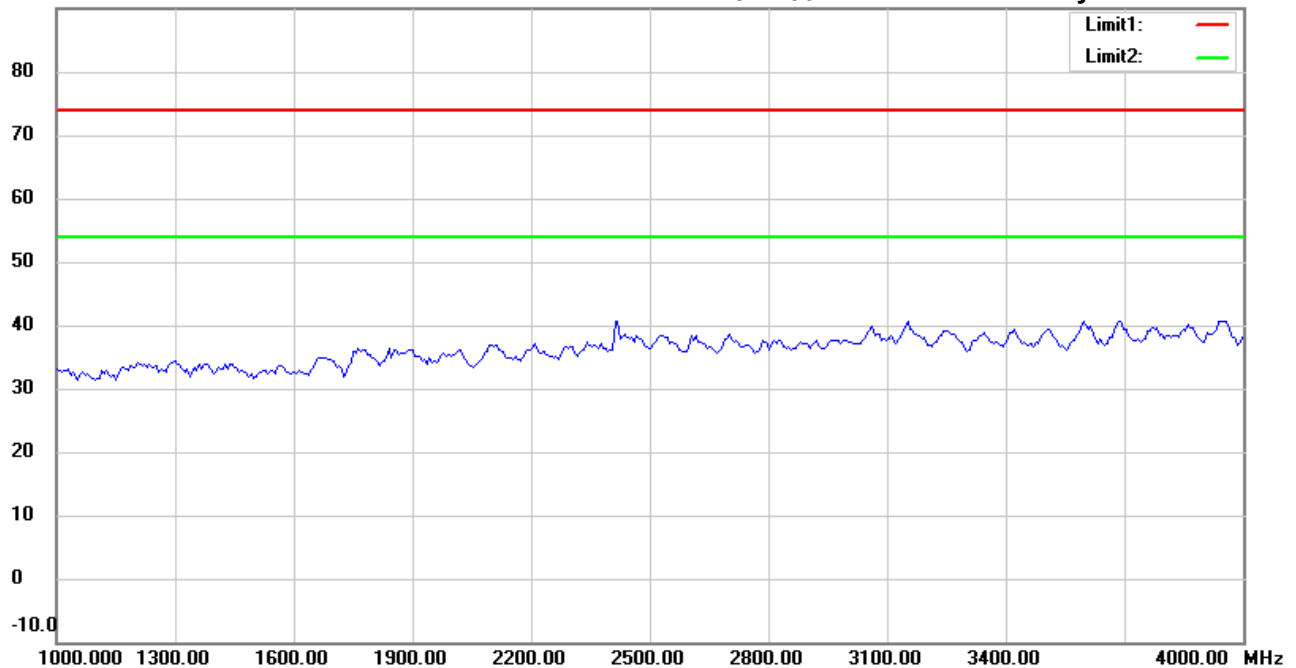
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 2:33:21 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

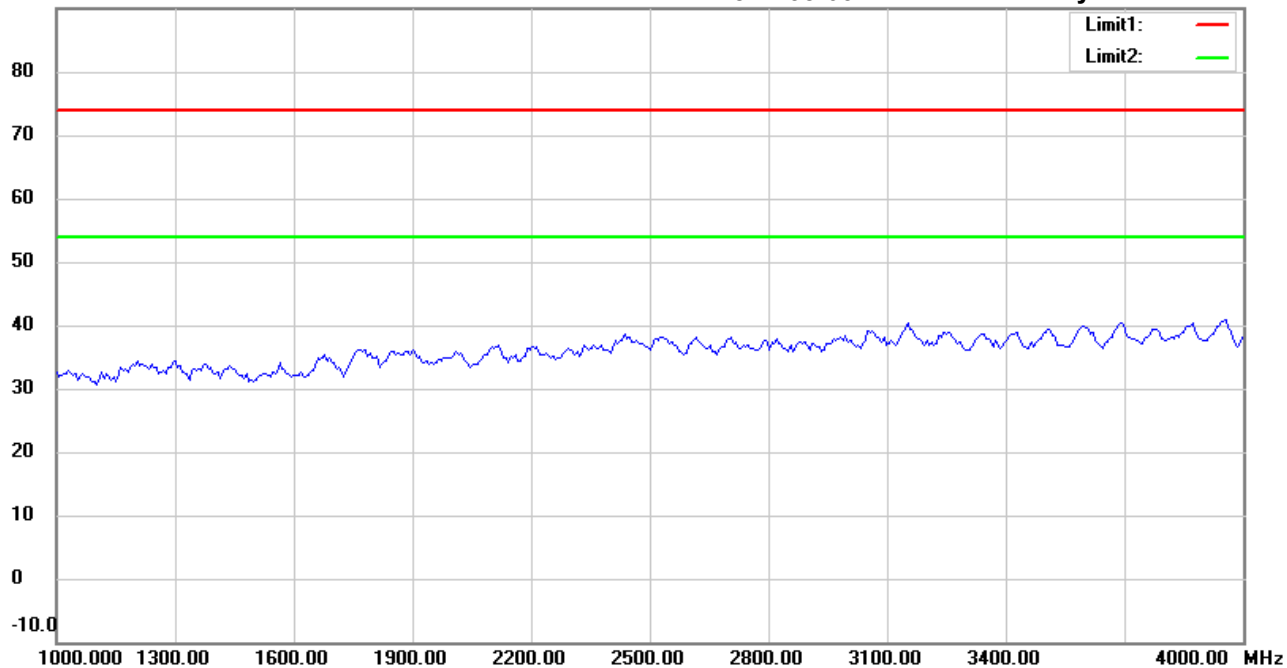
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 2:38:03 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#2

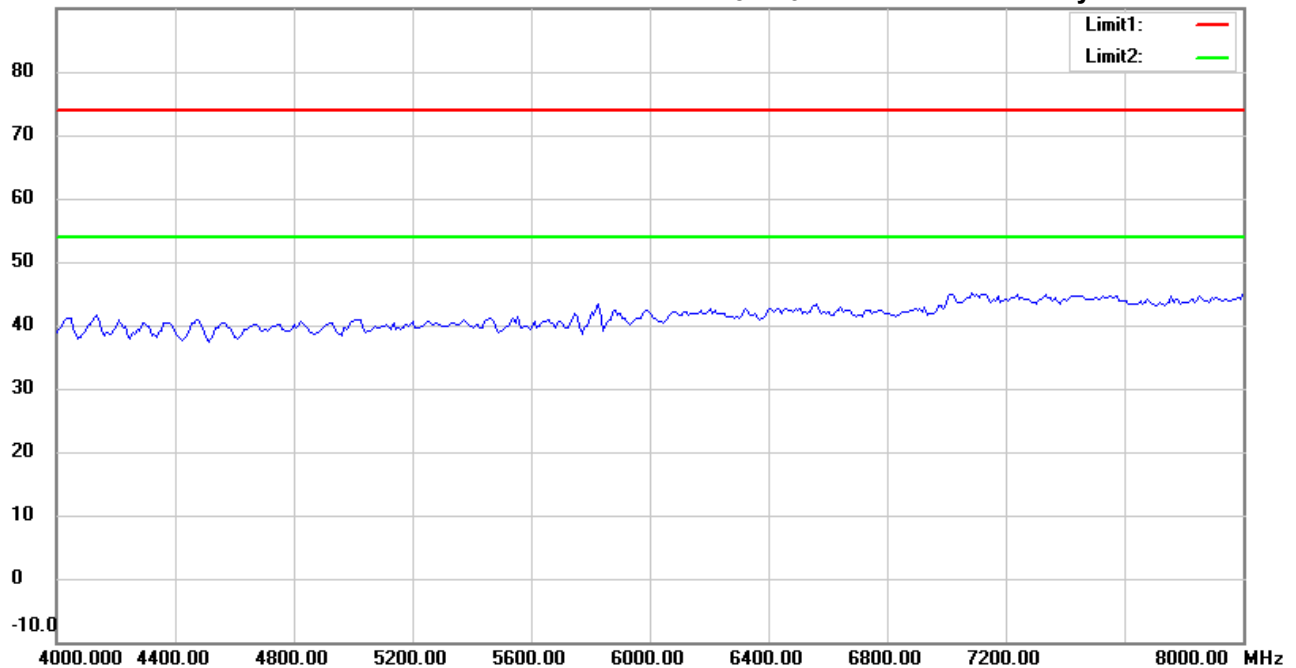
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 2:34:22 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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### Radiated Emission Measurement

Operator: Allen

File : 3

Data : #8

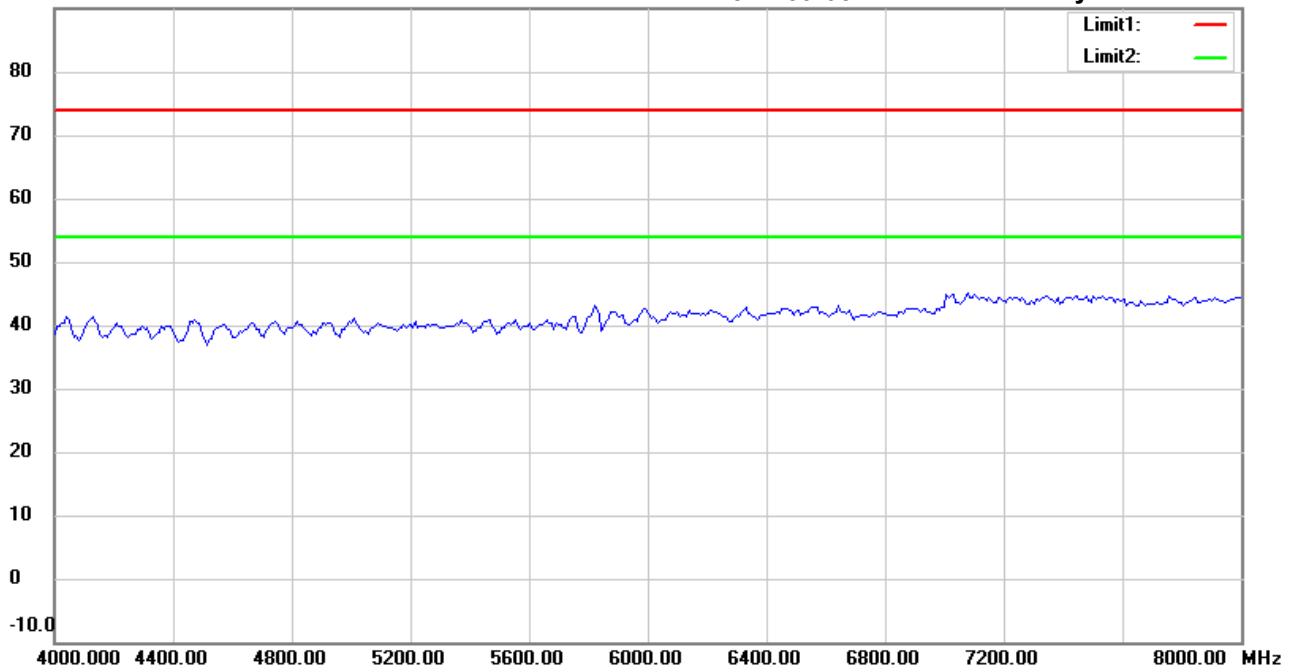
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:39:05 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

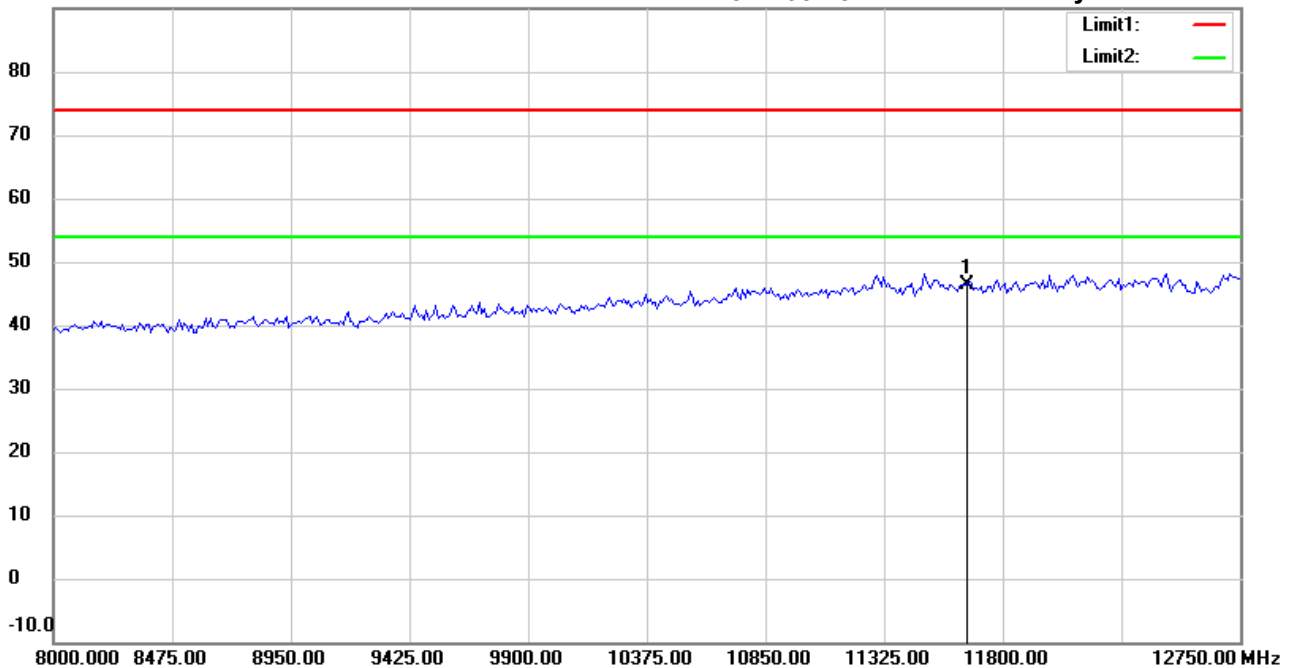
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:35:28 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11650.000       | 35.48          | peak     | 10.97               | 46.45           | 74.00          | 150          | 75             | -27.55      |         |

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #9

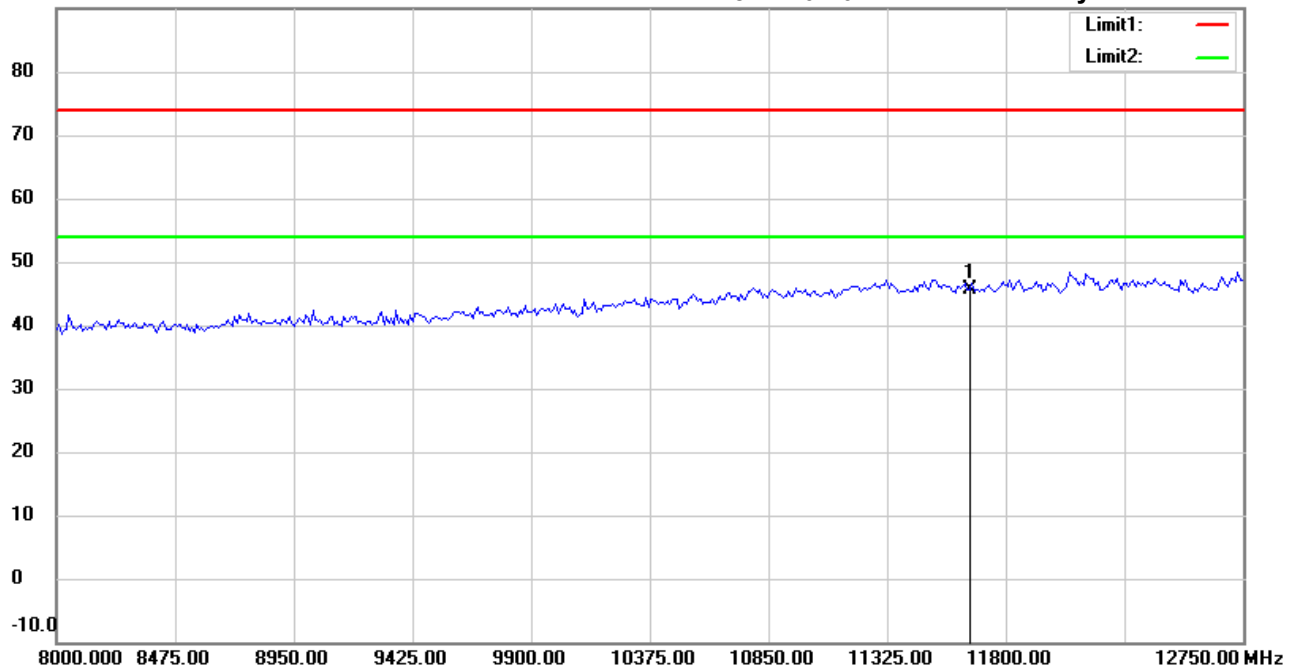
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:40:10 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11650.000       | 34.76          | peak     | 10.97               | 45.73           | 74.00          | 150          | 60             | -28.27      |         |

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

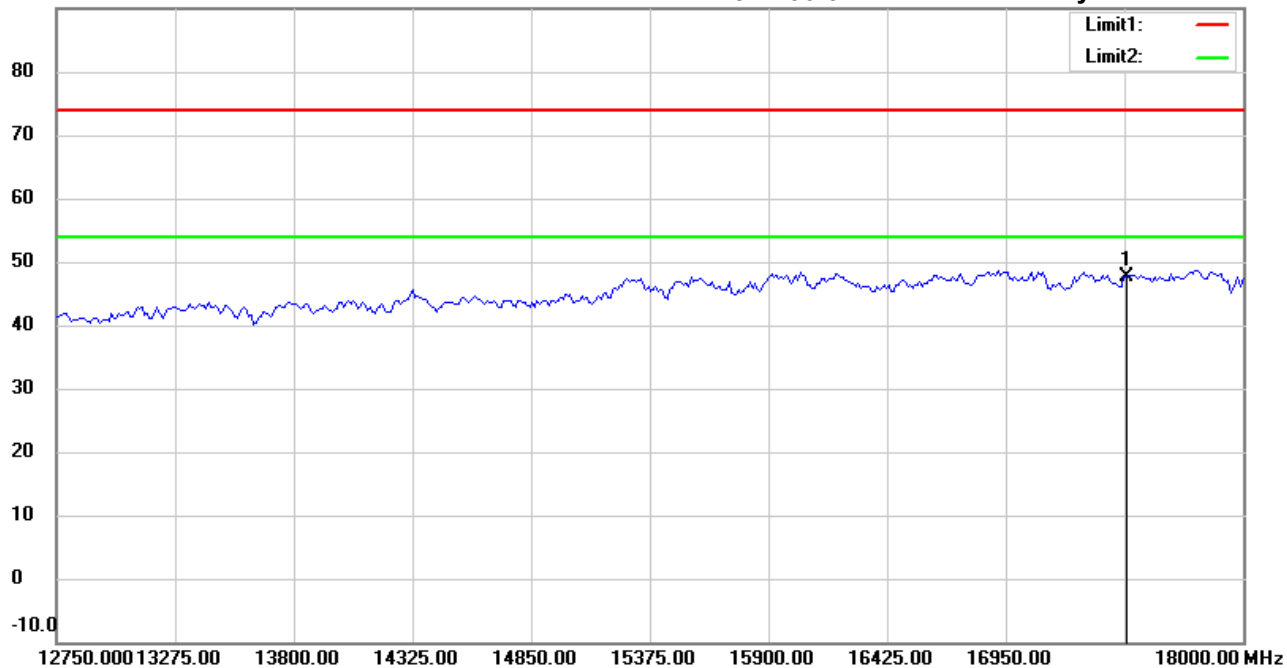
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:36:37 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17475.000       | 27.19          | peak     | 20.33               | 47.52           | 74.00          | 150          | 215            | -26.48      |         |

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #10

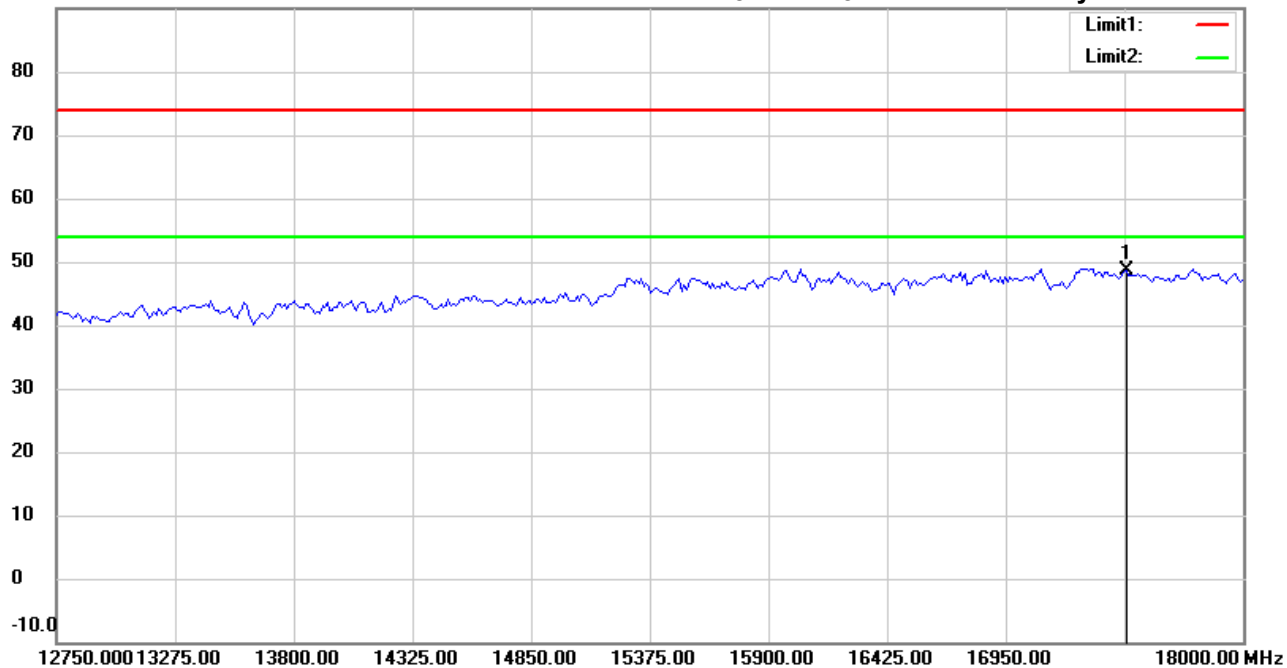
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:41:18 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17475.000       | 28.27          | peak     | 20.33               | 48.60           | 74.00          | 150          | 190            | -25.40      |         |

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



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### Radiated Emission Measurement

Operator: Allen

File : 3

Data : #5

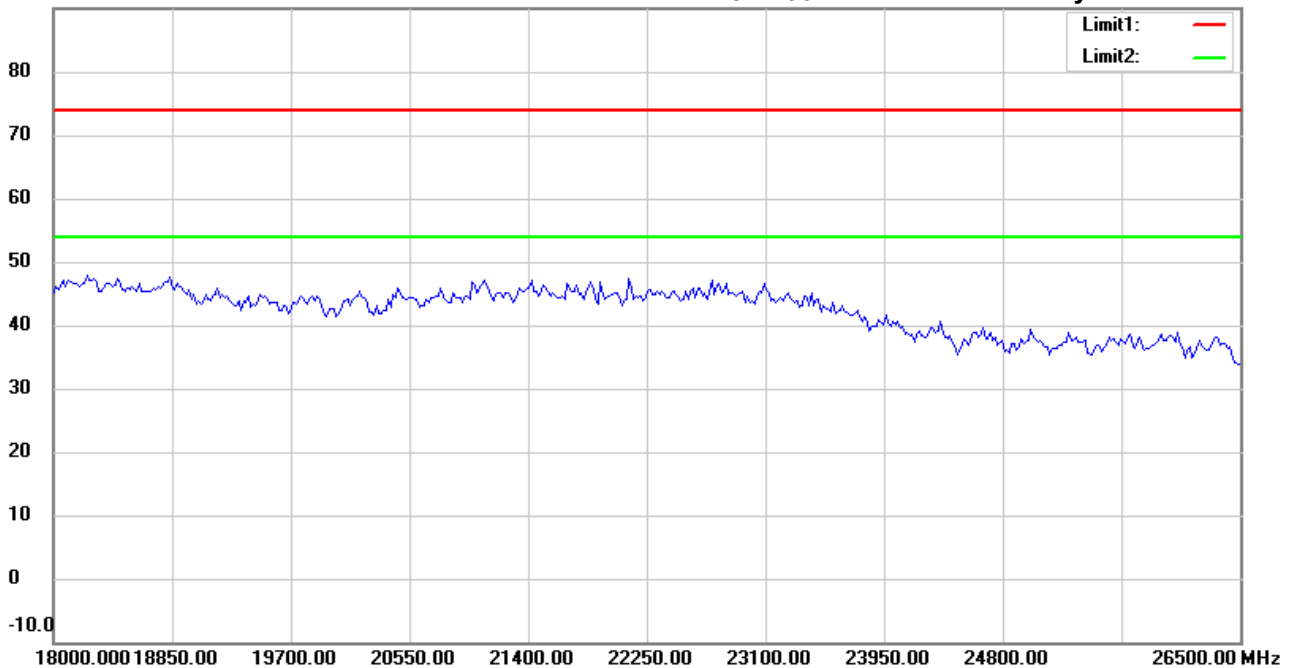
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:36:47 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #11

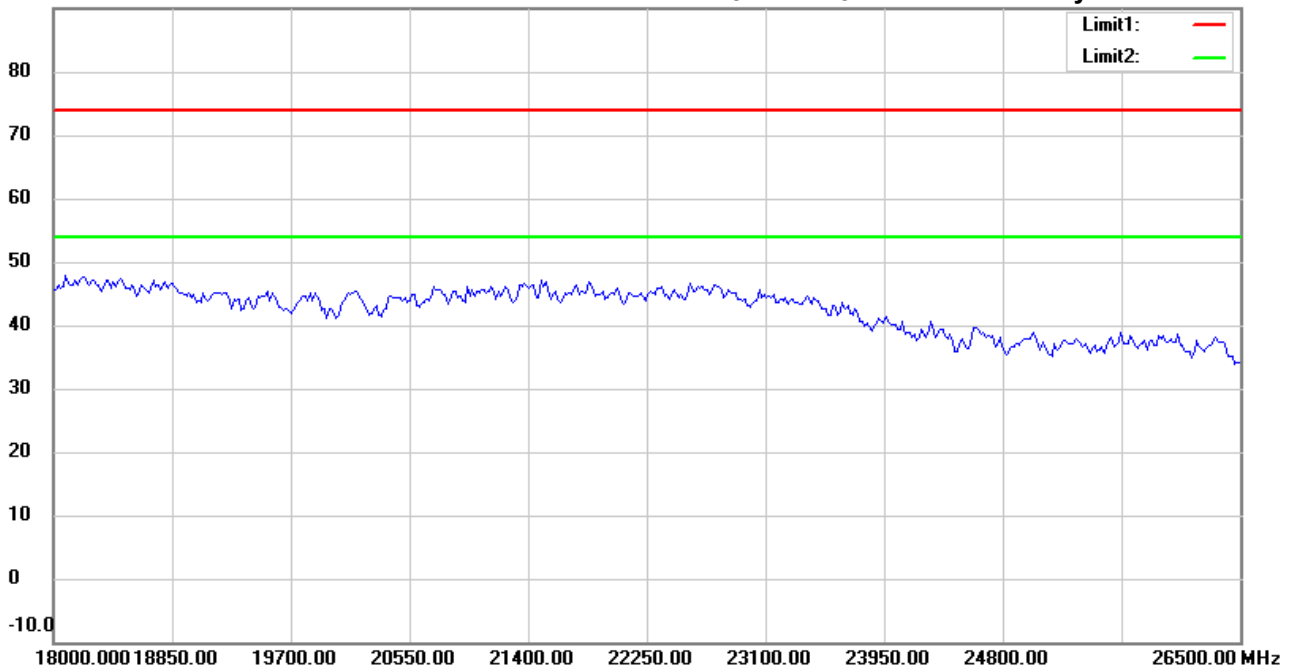
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:41:28 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #6

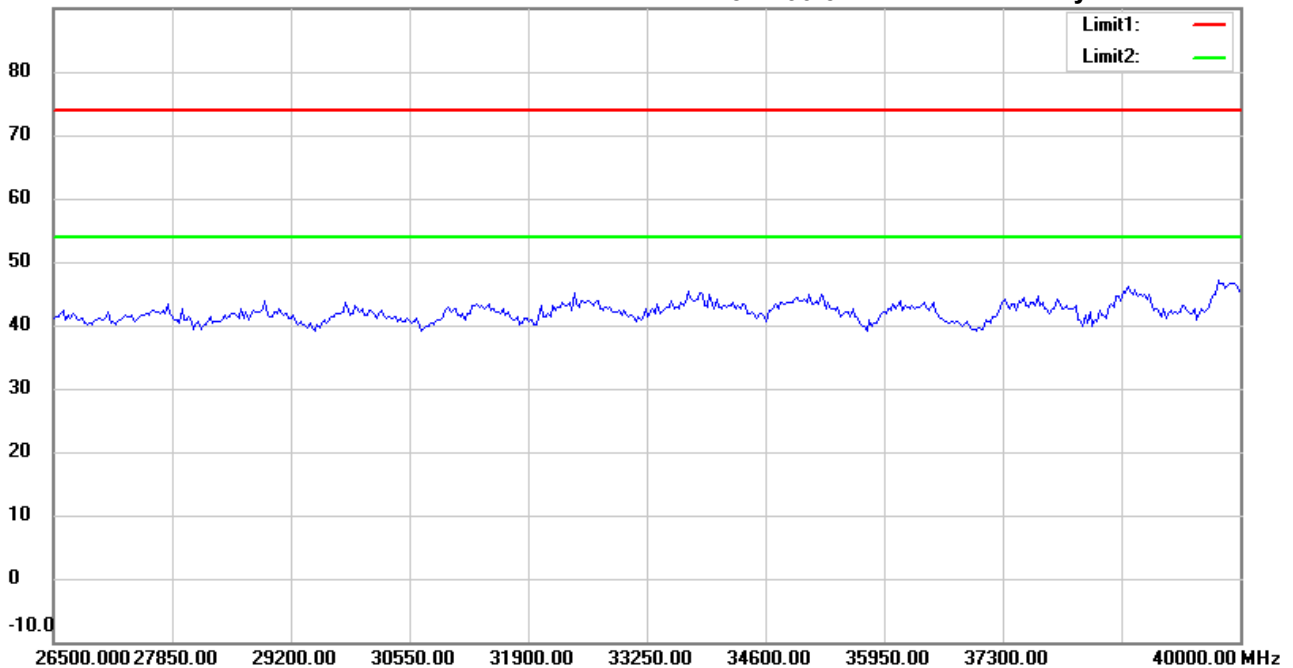
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:36:57 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #12

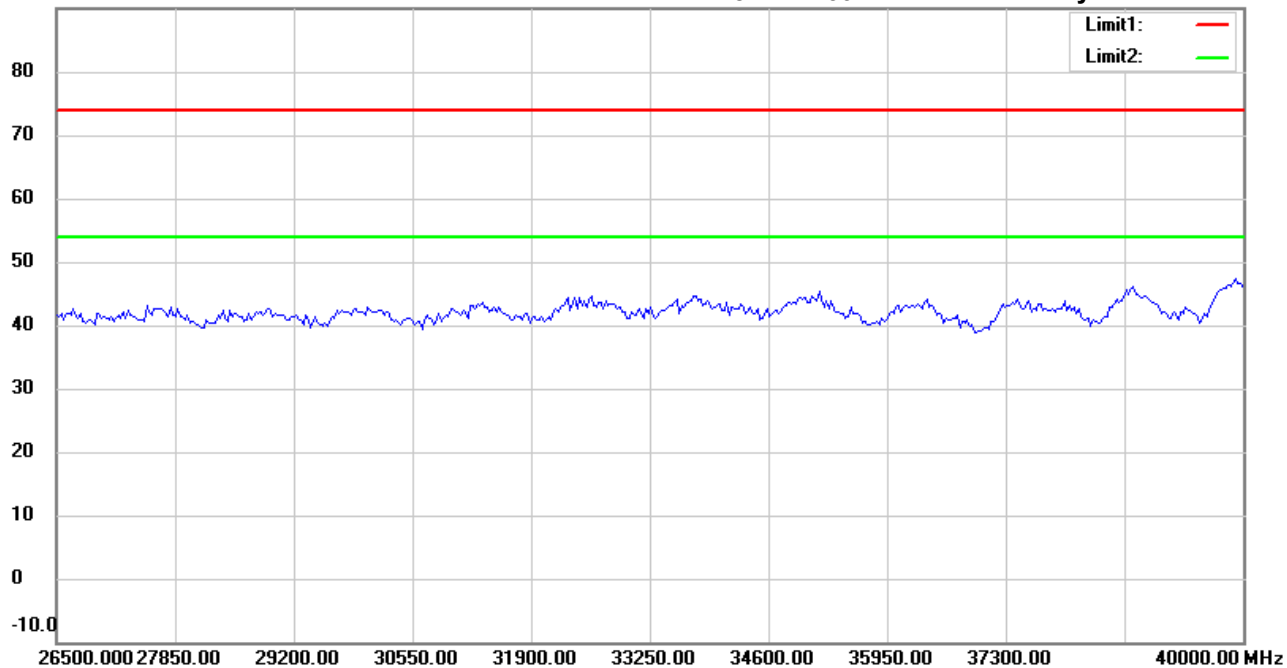
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:41:39 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



## Radiated Emission Measurement

Operator: Allen

File : 1\_WiFi 5G\_ANT2\_TX

Data : #1

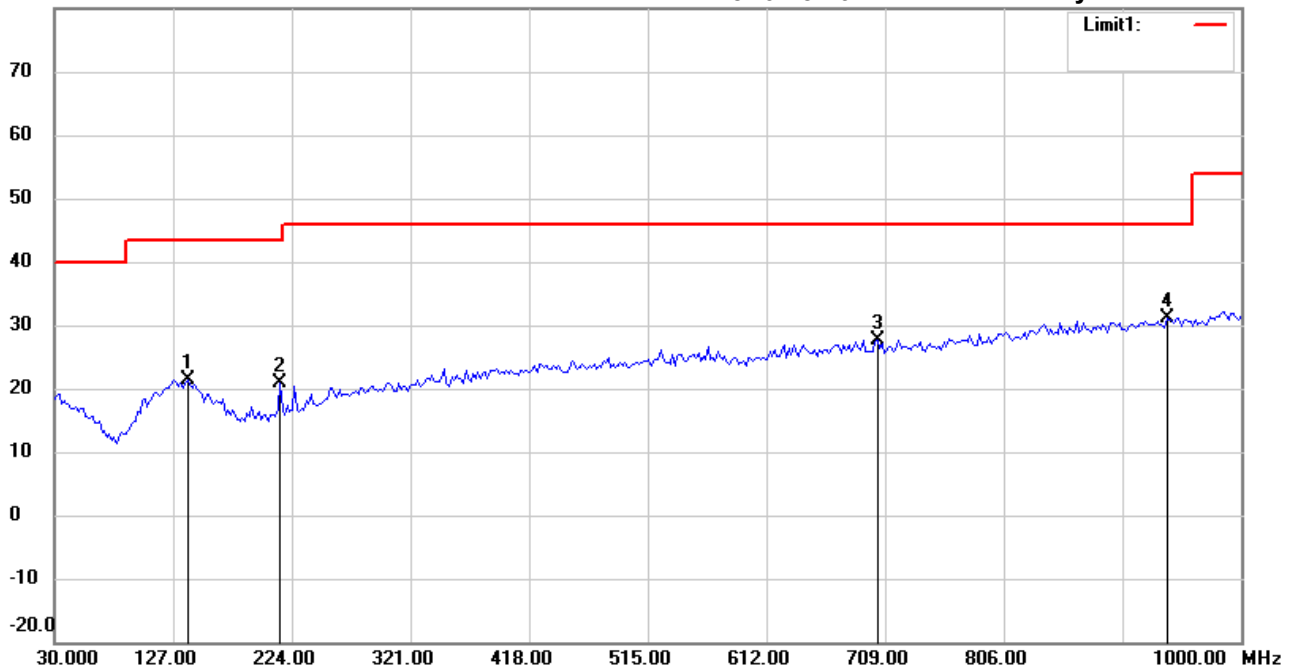
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:48:29 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class E\_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21911-19475

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH36

Note :

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 138.8575        | 27.81          | peak     | -6.48               | 21.33           | 43.50          | 100          | 40             | -22.17      |         |
|     | 214.6691        | 31.25          | peak     | -10.49              | 20.76           | 43.50          | 100          | 235            | -22.74      |         |
|     | 702.5851        | 28.09          | peak     | -0.43               | 27.66           | 46.00          | 100          | 285            | -18.34      |         |
| *   | 939.7395        | 27.13          | peak     | 4.01                | 31.14           | 46.00          | 100          | 5              | -14.86      |         |



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# Radiated Emission Measurement

Operator: Allen

File : 1\_WiFi 5G\_ANT2\_TX

Data : #2

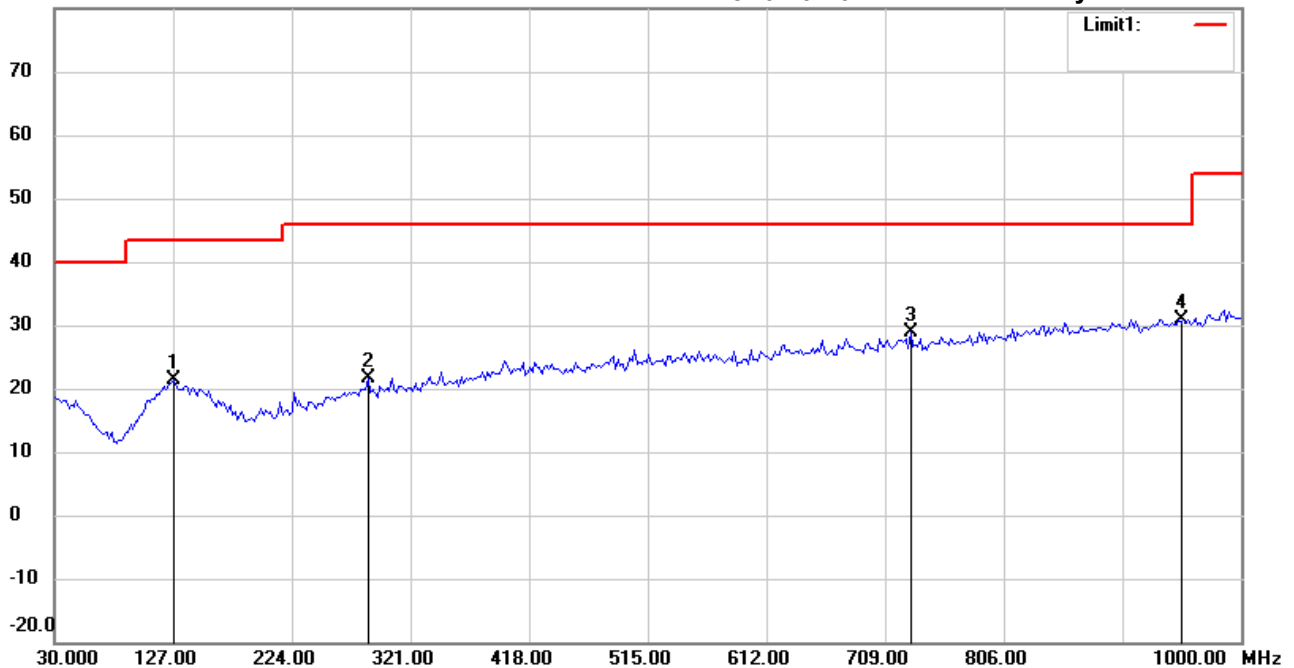
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:49:29 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class E\_30-1000MHz

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 127.1944        | 27.74          | peak     | -6.37               | 21.37           | 43.50          | 100          | 170            | -22.13      |         |
|     | 286.5932        | 28.01          | peak     | -6.45               | 21.56           | 46.00          | 100          | 150            | -24.44      |         |
|     | 729.7996        | 28.83          | peak     | -0.07               | 28.76           | 46.00          | 100          | 215            | -17.24      |         |
| *   | 949.4590        | 26.73          | peak     | 4.21                | 30.94           | 46.00          | 100          | 270            | -15.06      |         |

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

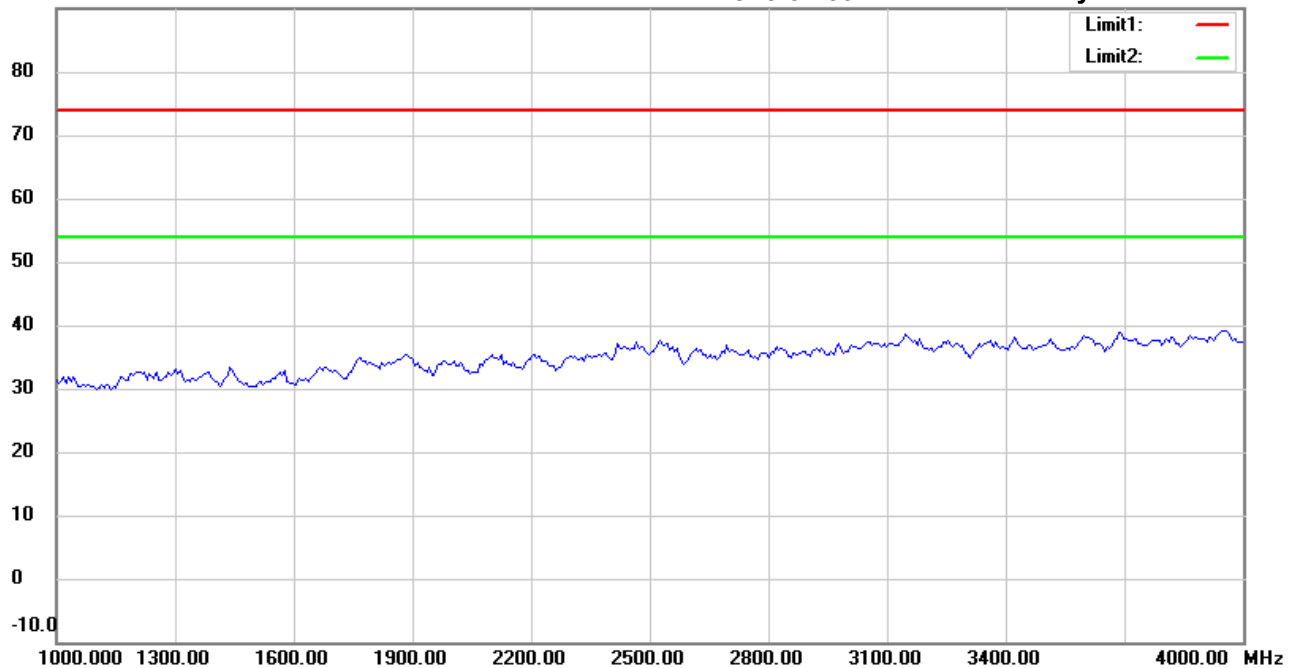
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:34:33 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

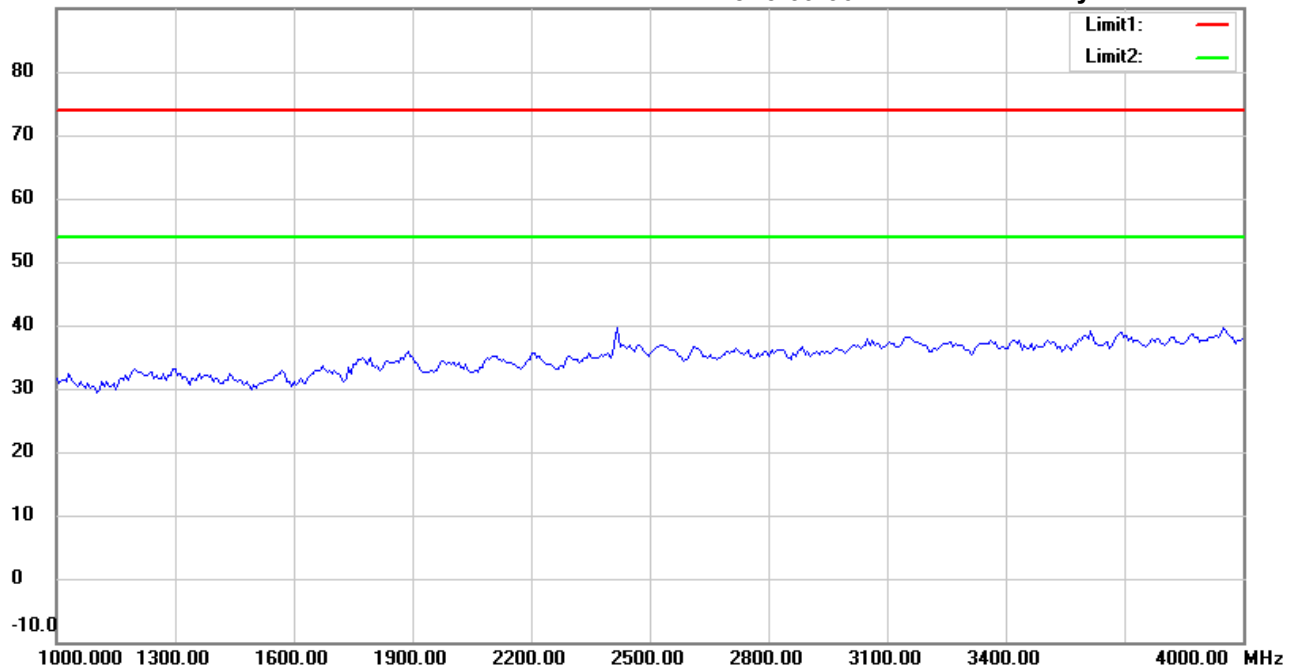
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:39:36 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

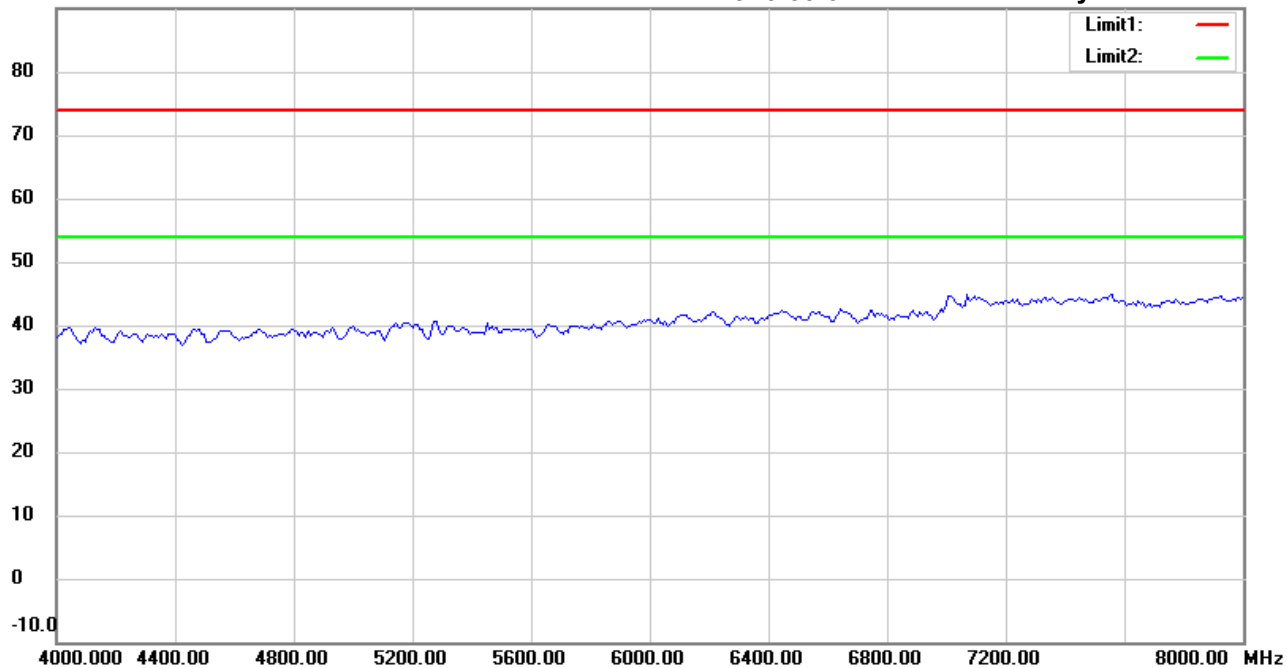
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:35:34 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

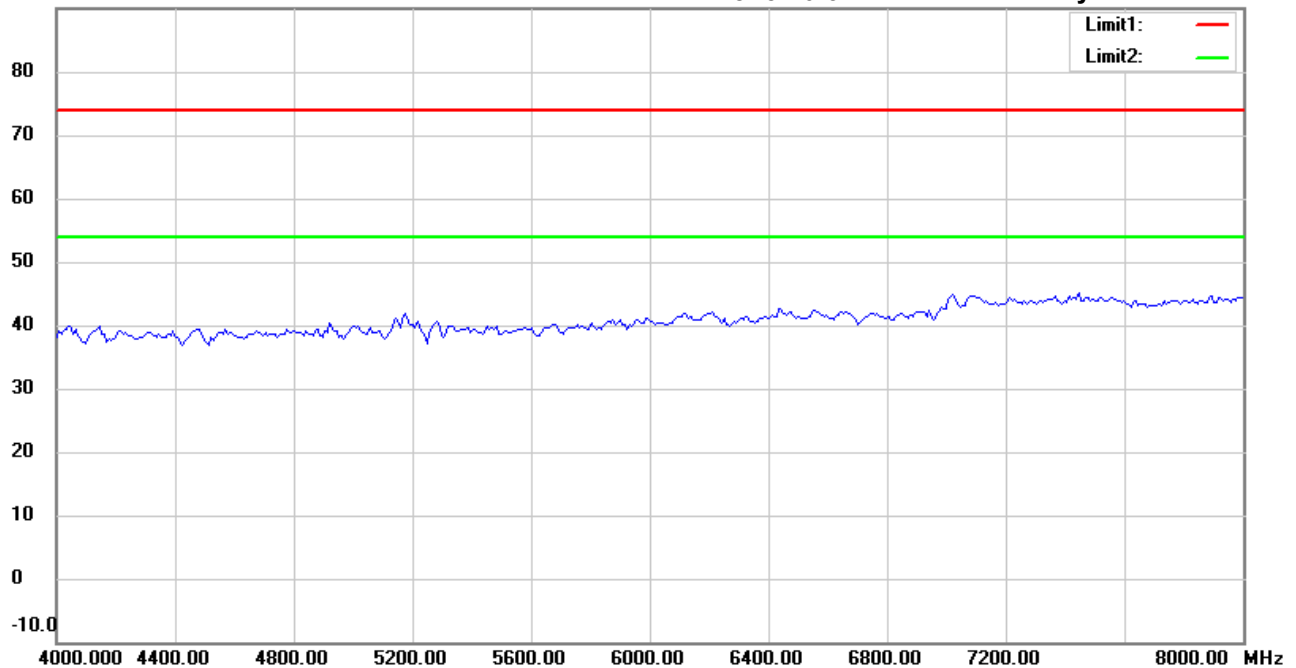
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:40:37 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

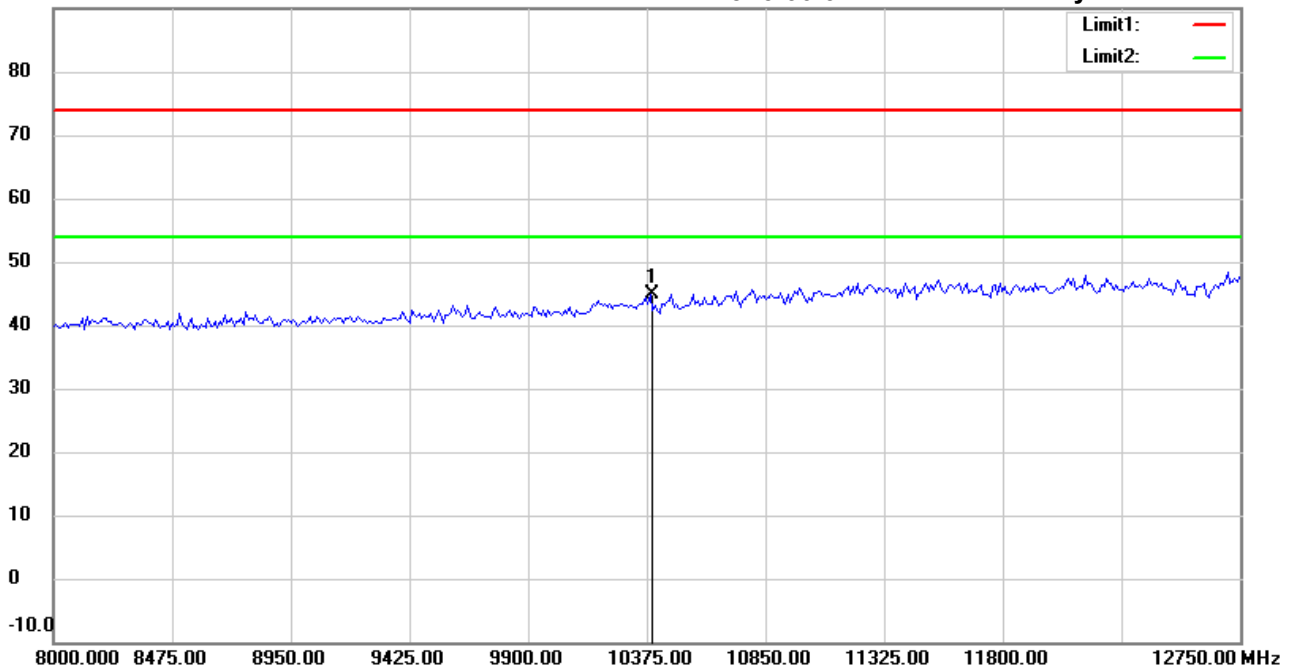
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:36:37 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10389.279       | 36.57          | peak     | 8.22                | 44.79           | 74.00          | 150          | 236            | -29.21      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

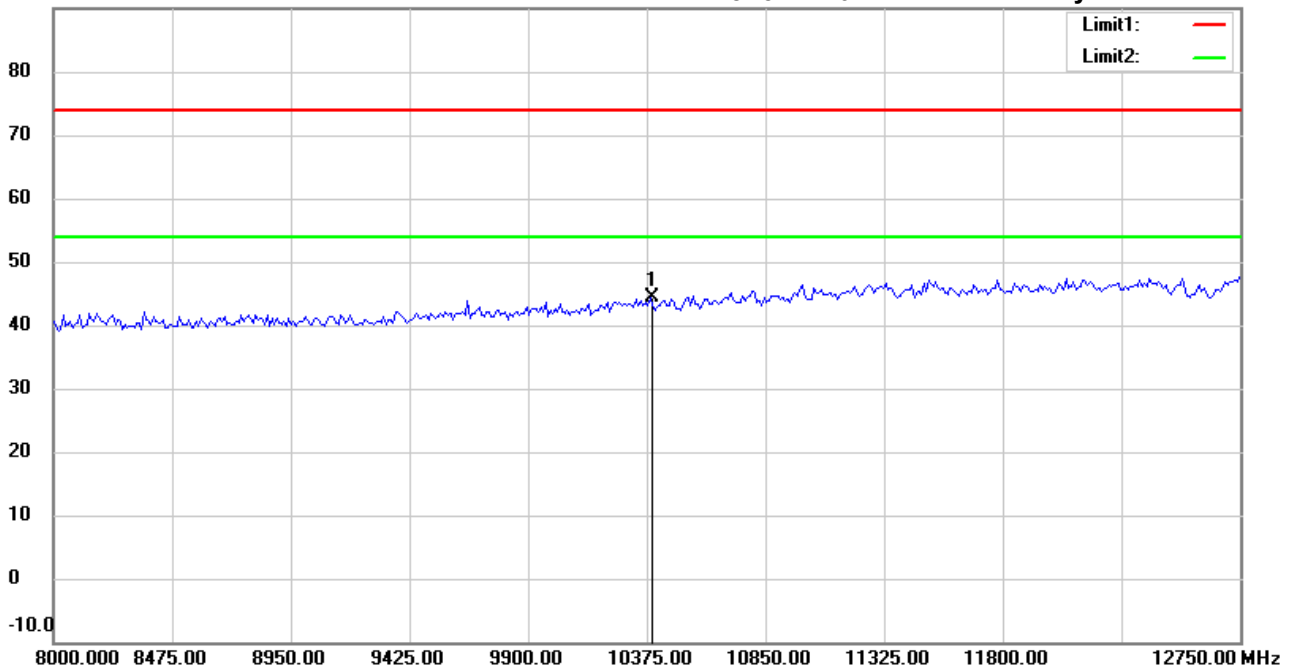
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:41:40 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10389.279       | 36.21          | peak     | 8.22                | 44.43           | 74.00          | 150          | 251            | -29.57      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

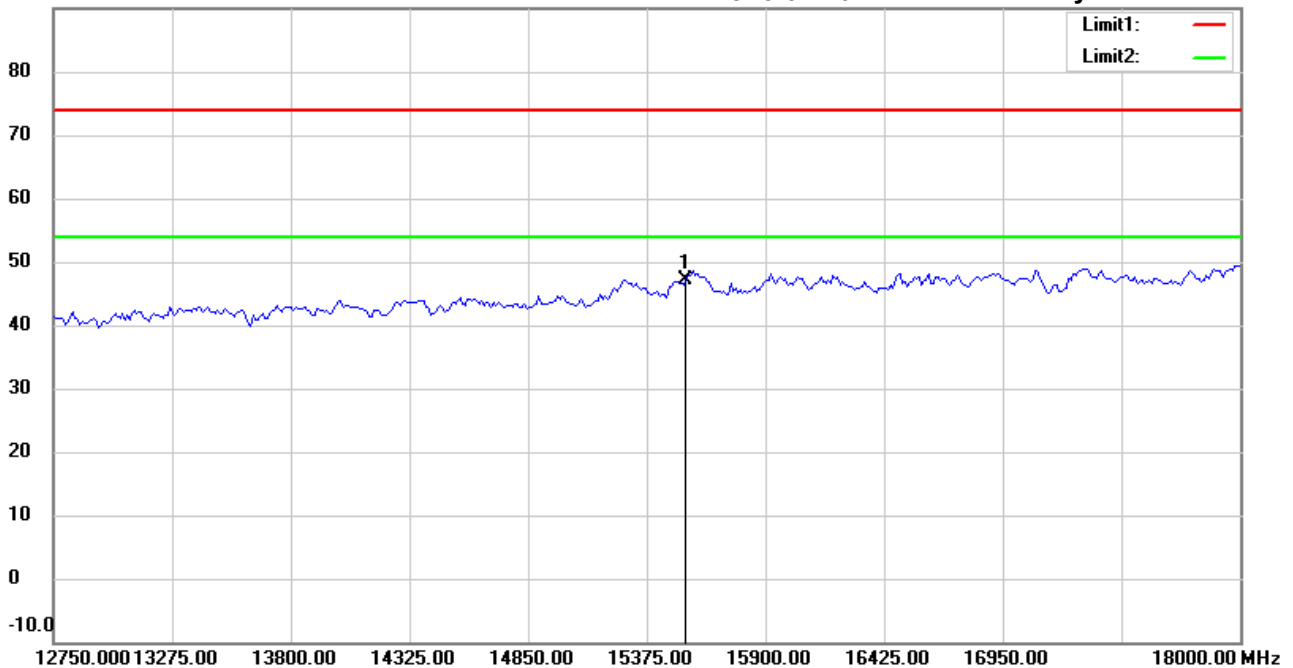
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:37:46 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15540.000       | 28.11          | peak     | 18.95               | 47.06           | 74.00          | 150          | 217            | -26.94      |         |

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

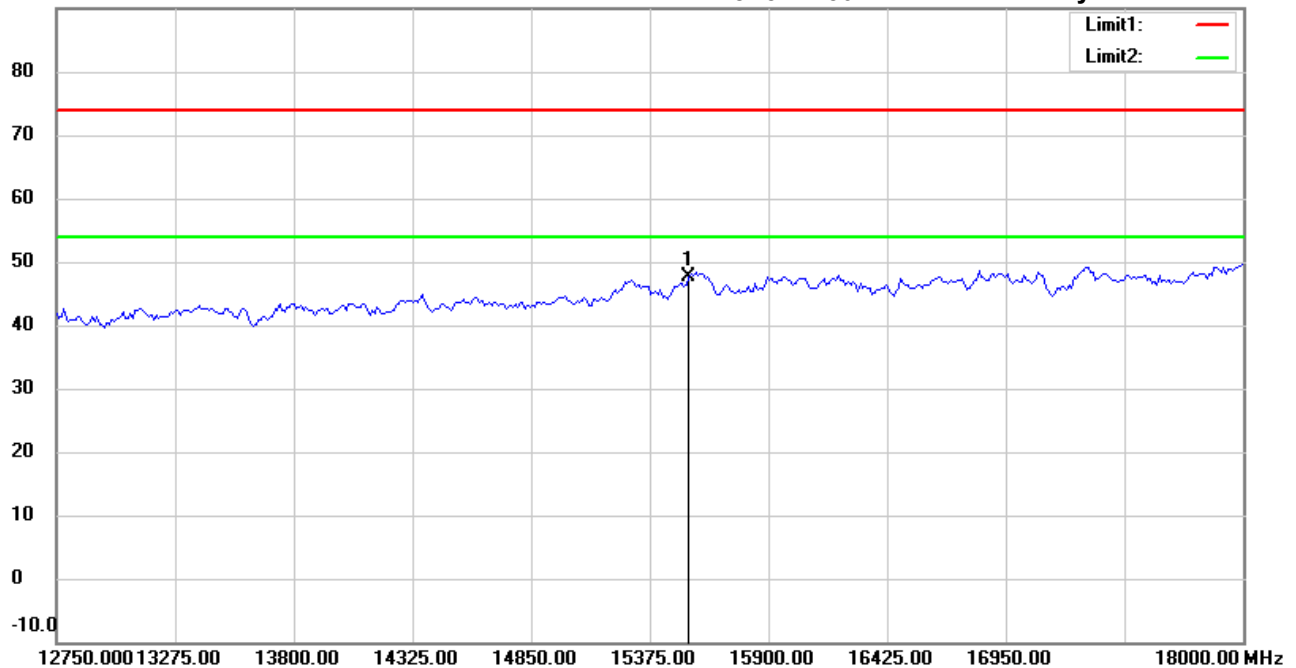
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:42:50 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15540.000       | 28.76          | peak     | 18.95               | 47.71           | 74.00          | 150          | 83             | -26.29      |         |

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



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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

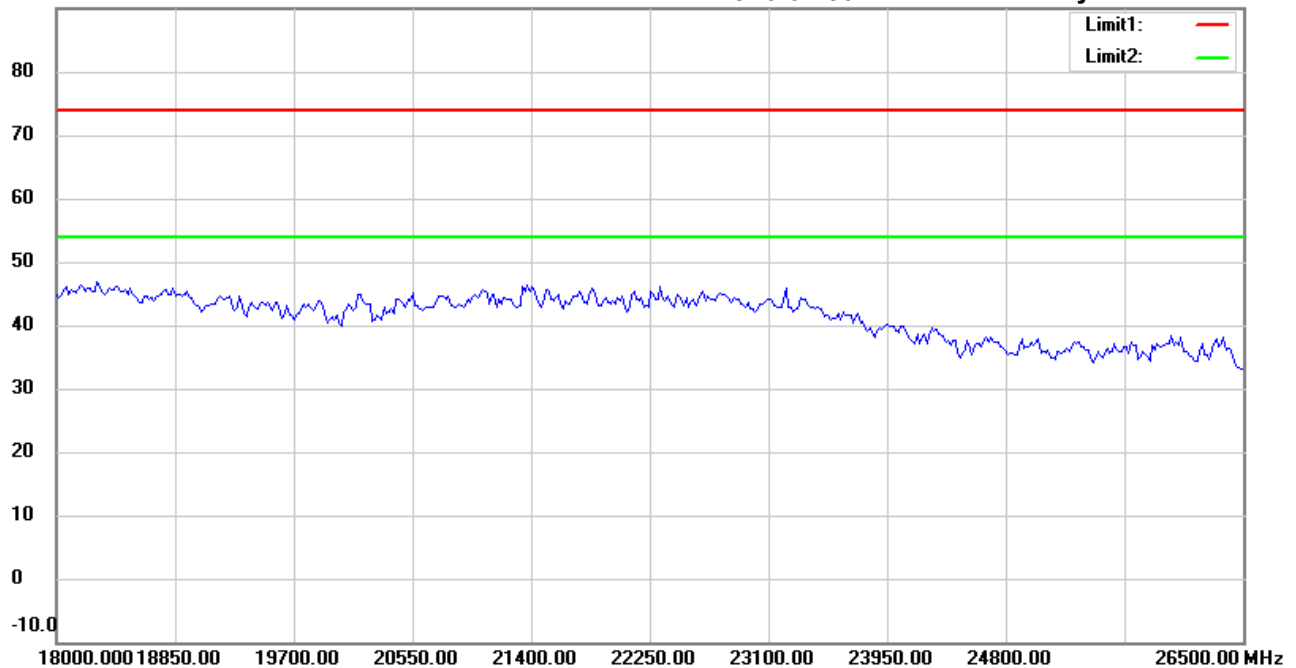
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:37:56 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #11

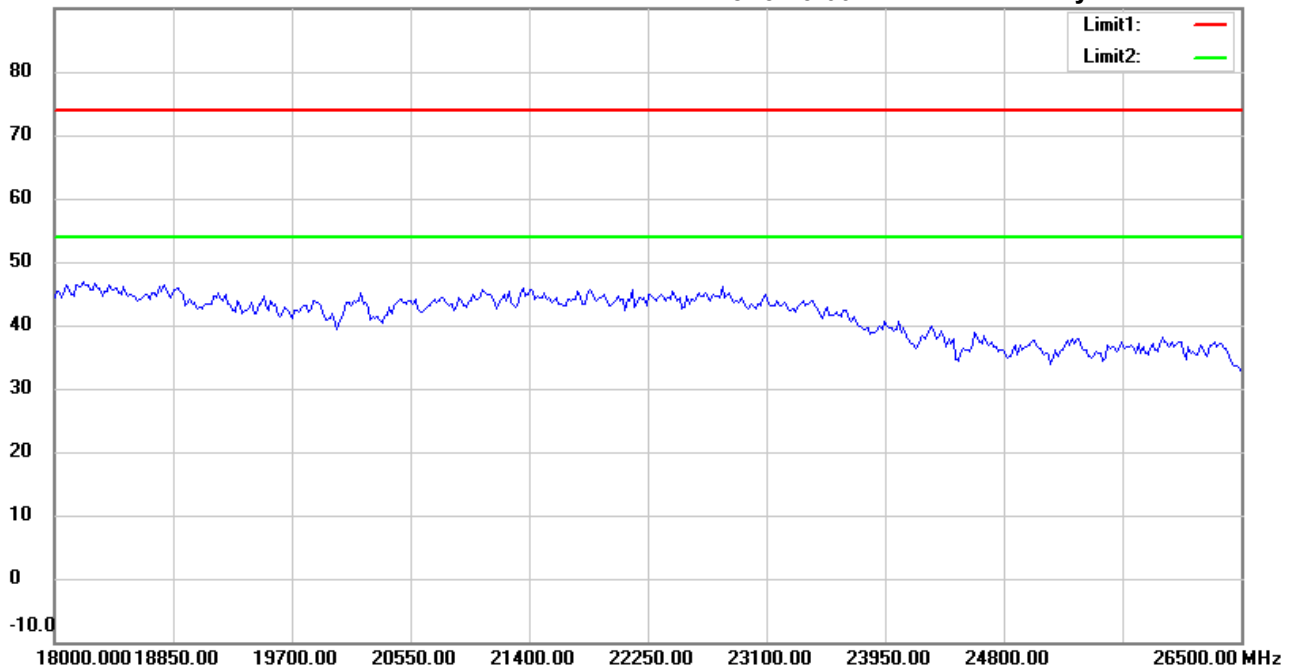
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:43:00 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

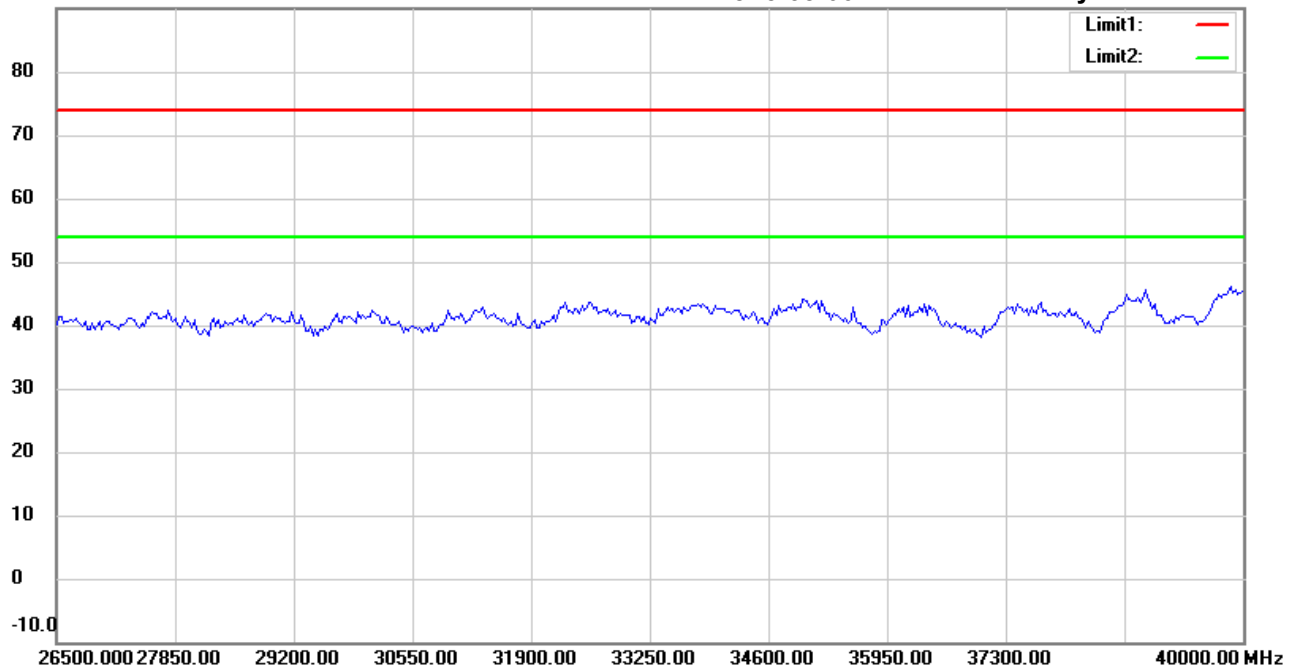
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:38:06 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
Fax:+886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File :3

Data :#12

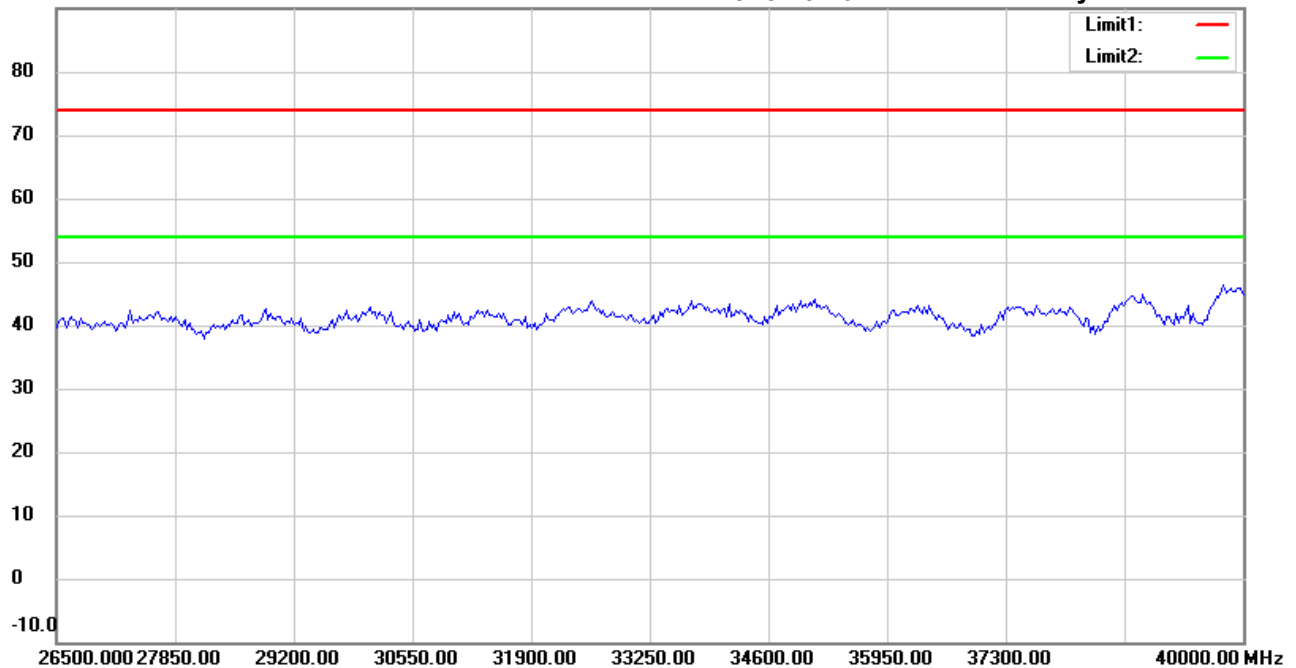
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 5:43:10 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

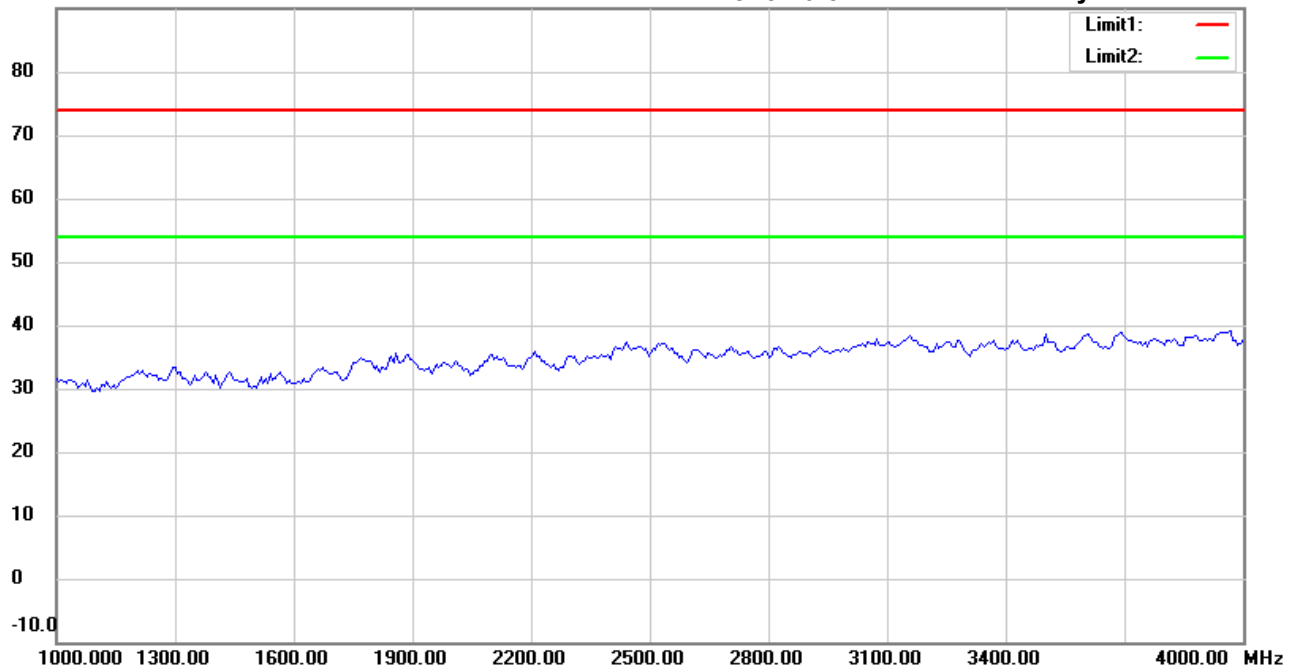
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:20:51 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

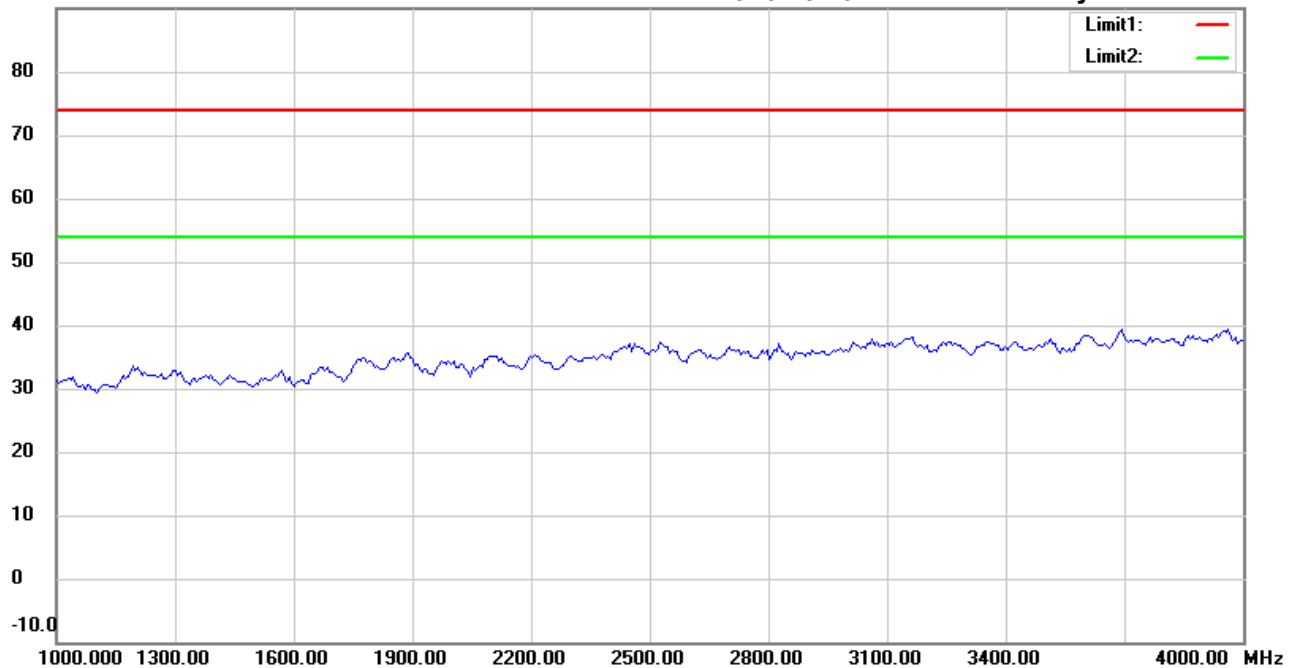
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:25:43 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

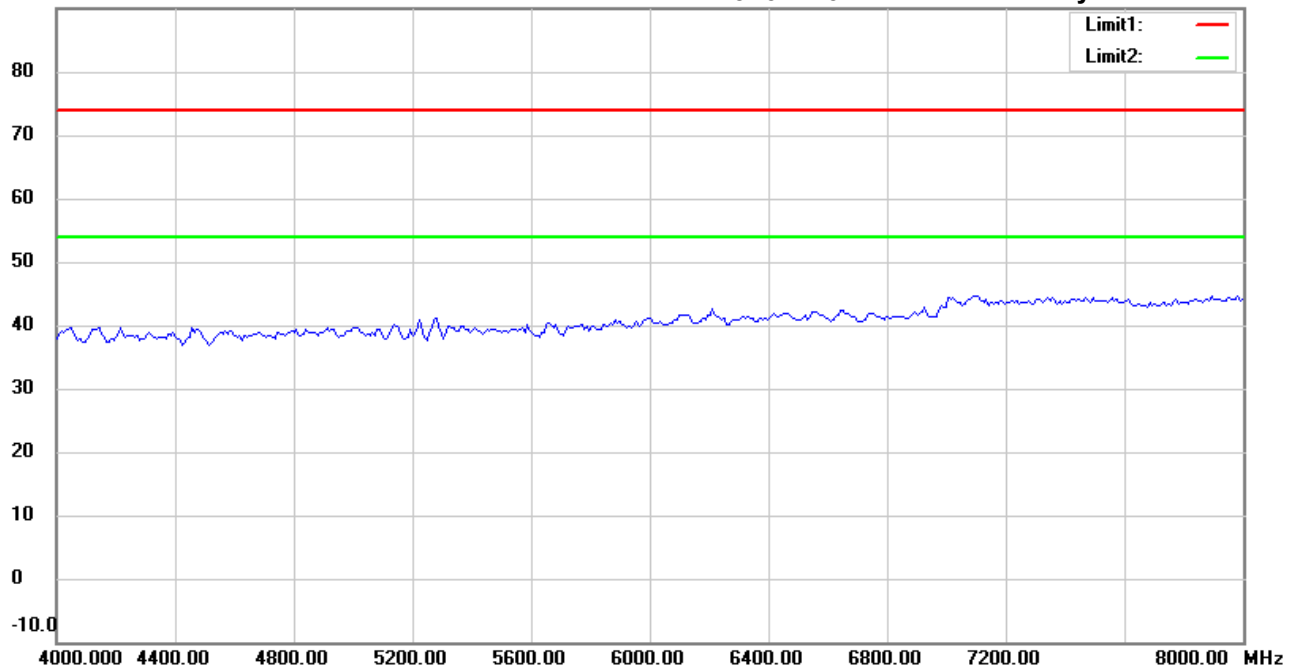
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:21:52 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

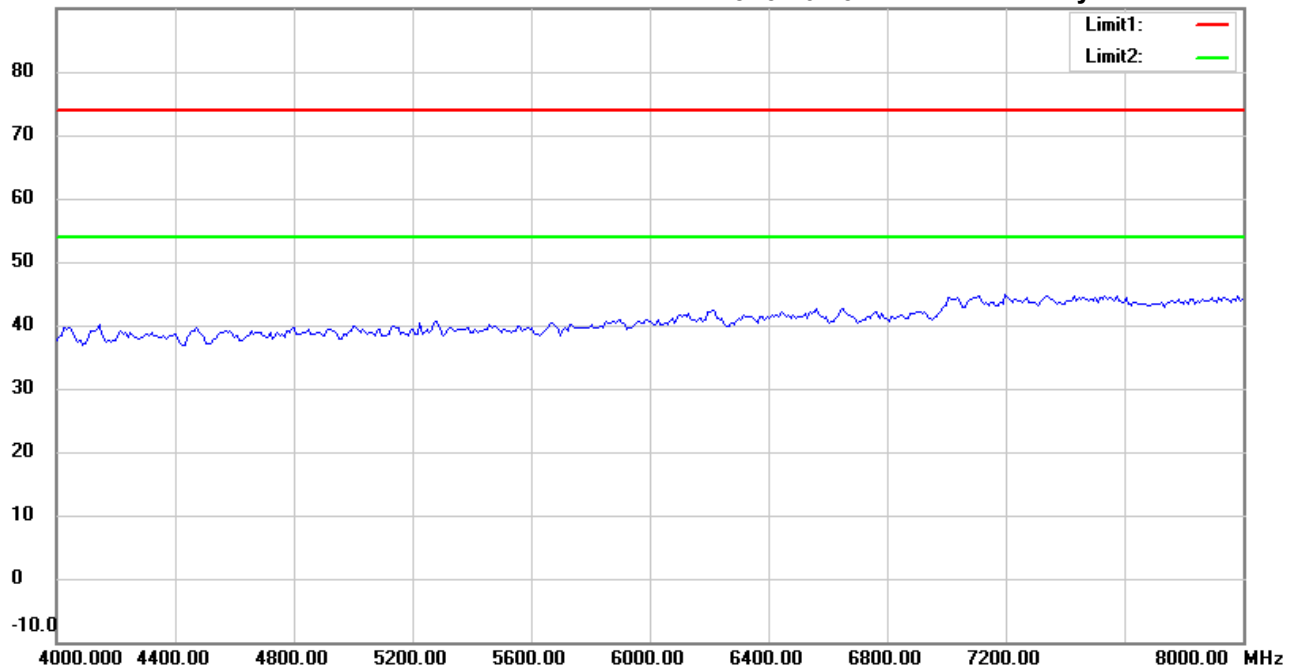
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:26:45 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

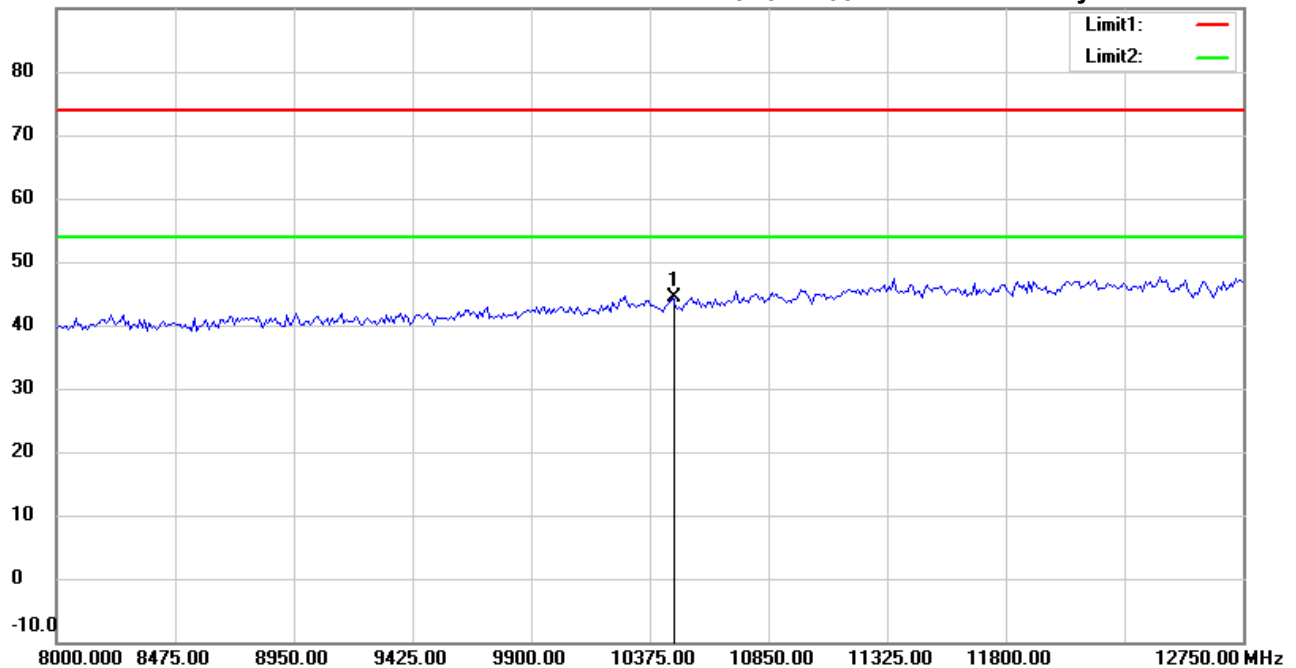
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:22:58 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10465.431       | 35.92          | peak     | 8.41                | 44.33           | 74.00          | 150          | 127            | -29.67      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

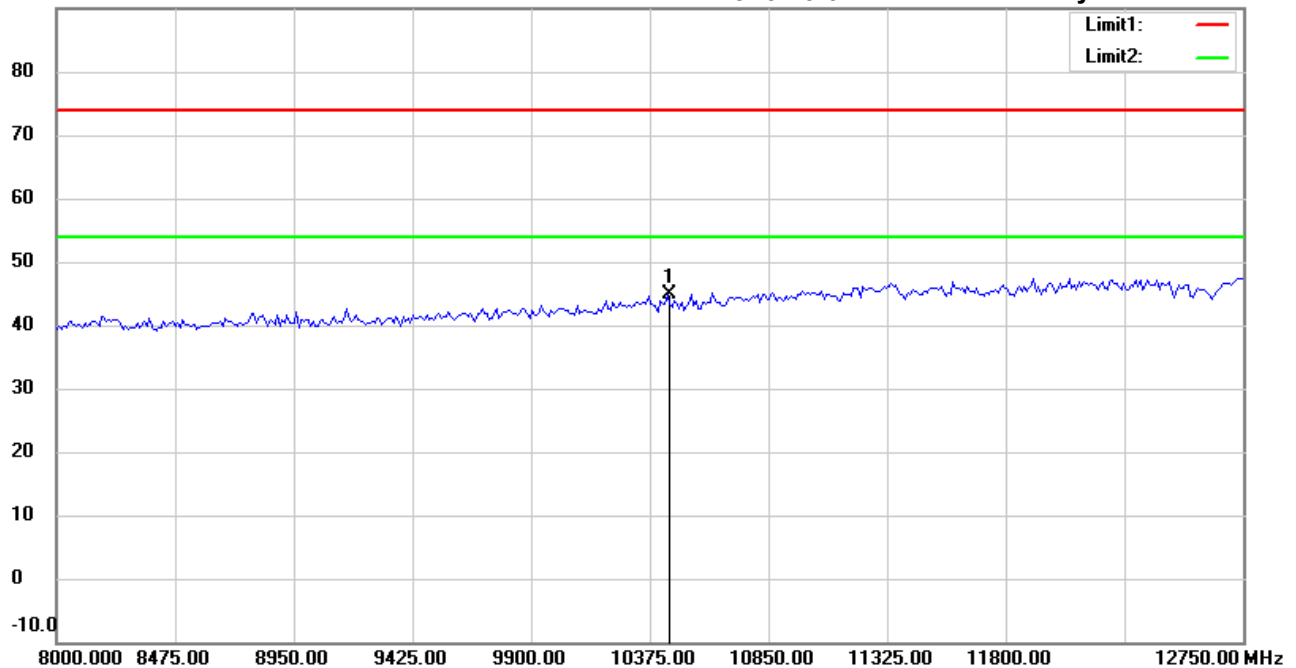
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:28:32 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10446.393       | 36.50          | peak     | 8.35                | 44.85           | 74.00          | 150          | 236            | -29.15      |         |

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

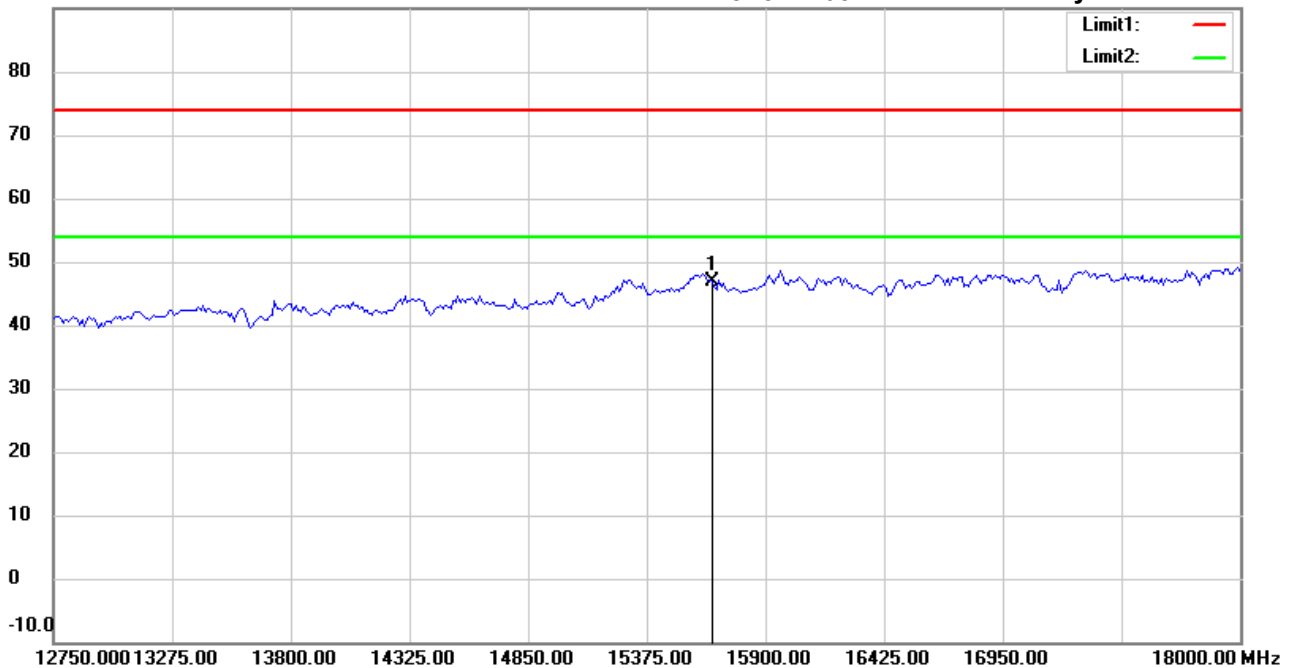
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:24:08 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15660.000       | 28.65          | peak     | 18.33               | 46.98           | 74.00          | 150          | 60             | -27.02      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

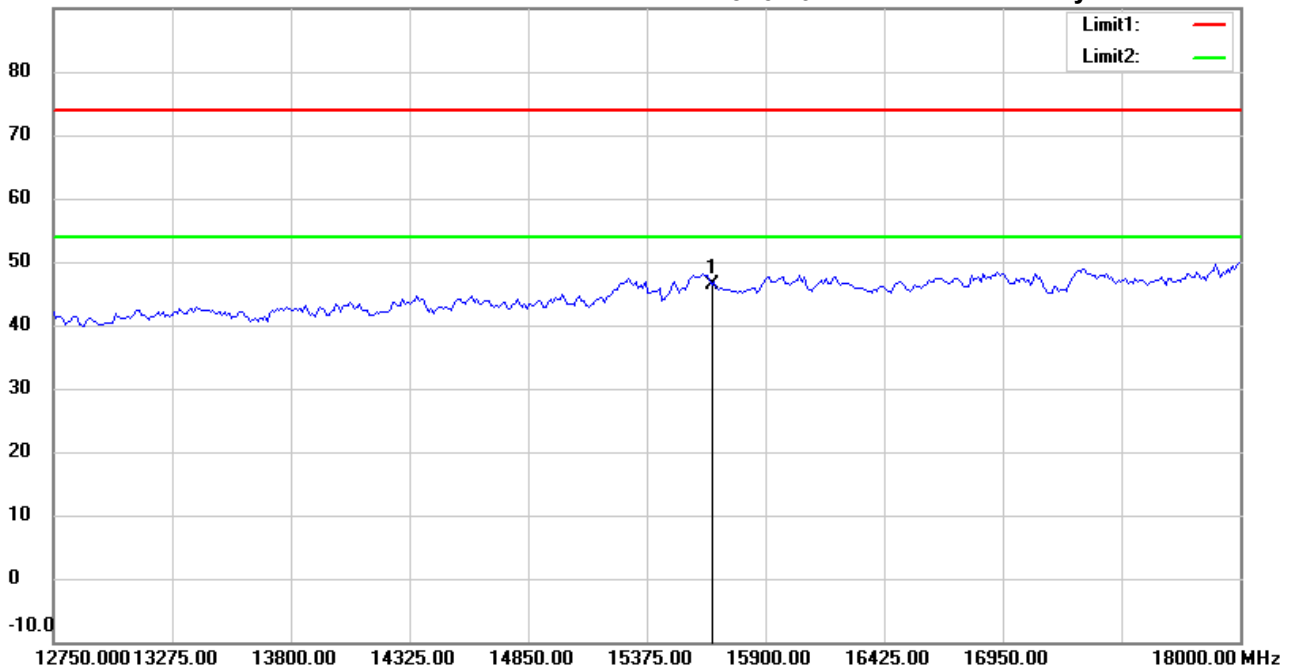
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:29:42 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15660.000       | 28.13          | peak     | 18.33               | 46.46           | 74.00          | 150          | 92             | -27.54      |         |

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

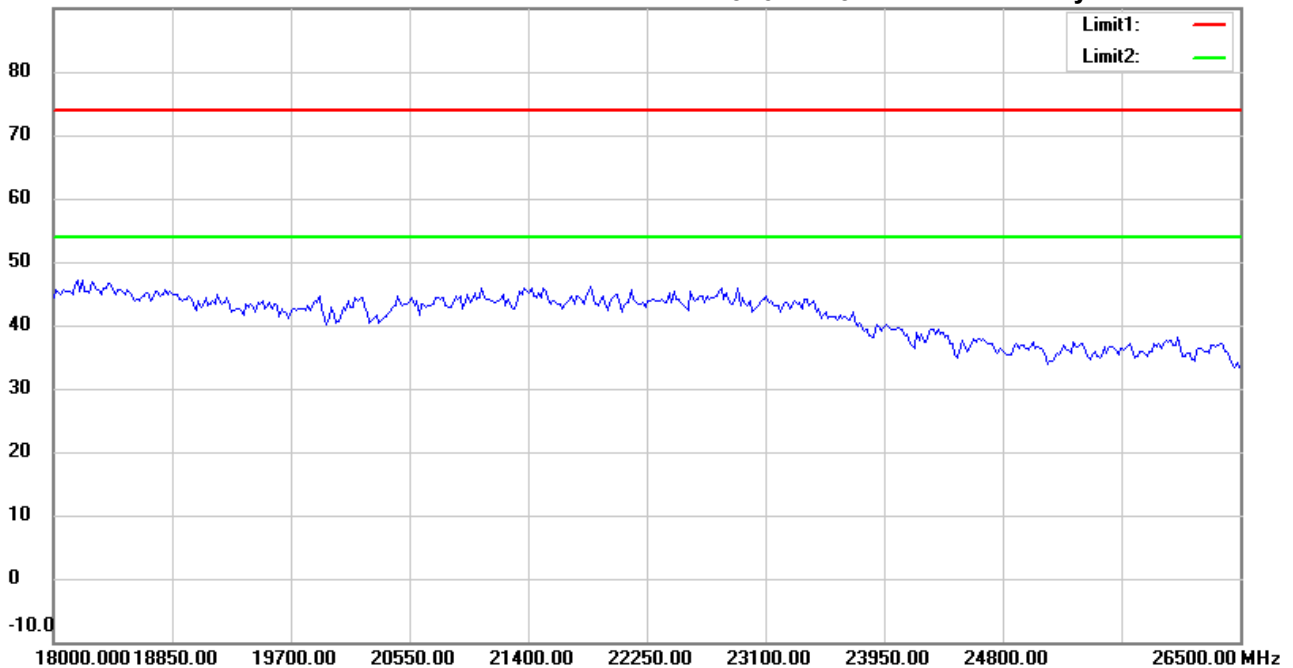
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:24:18 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#11

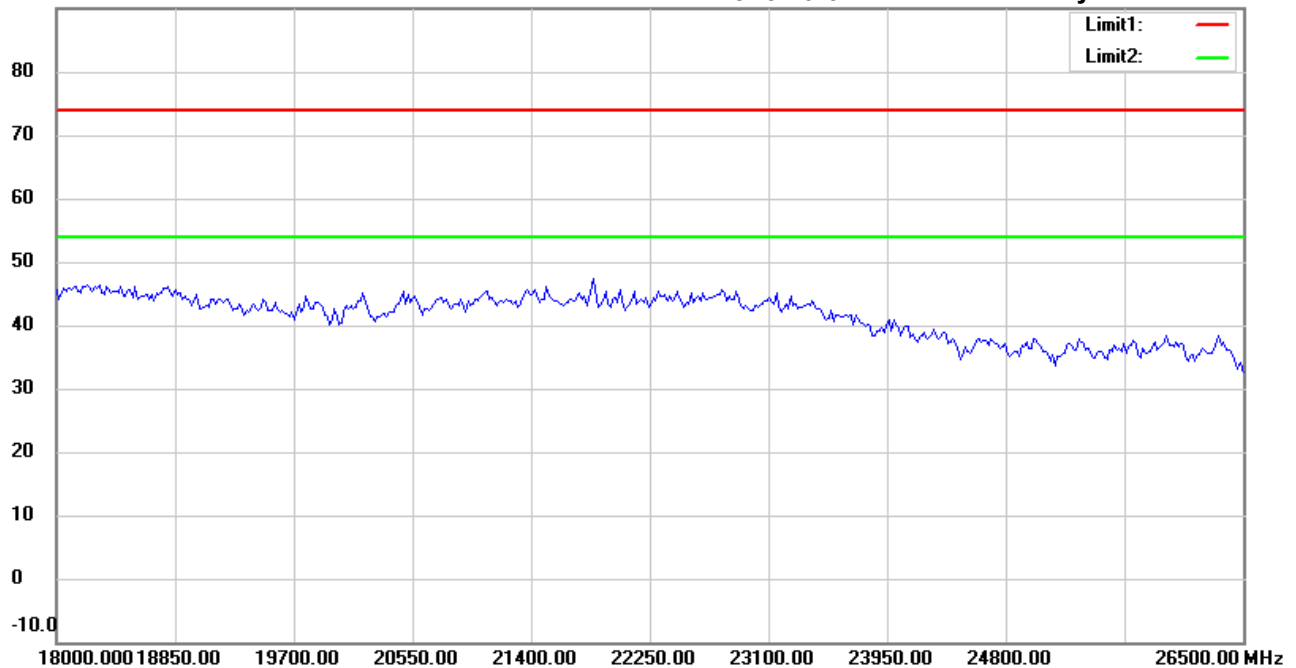
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 5:29:52 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

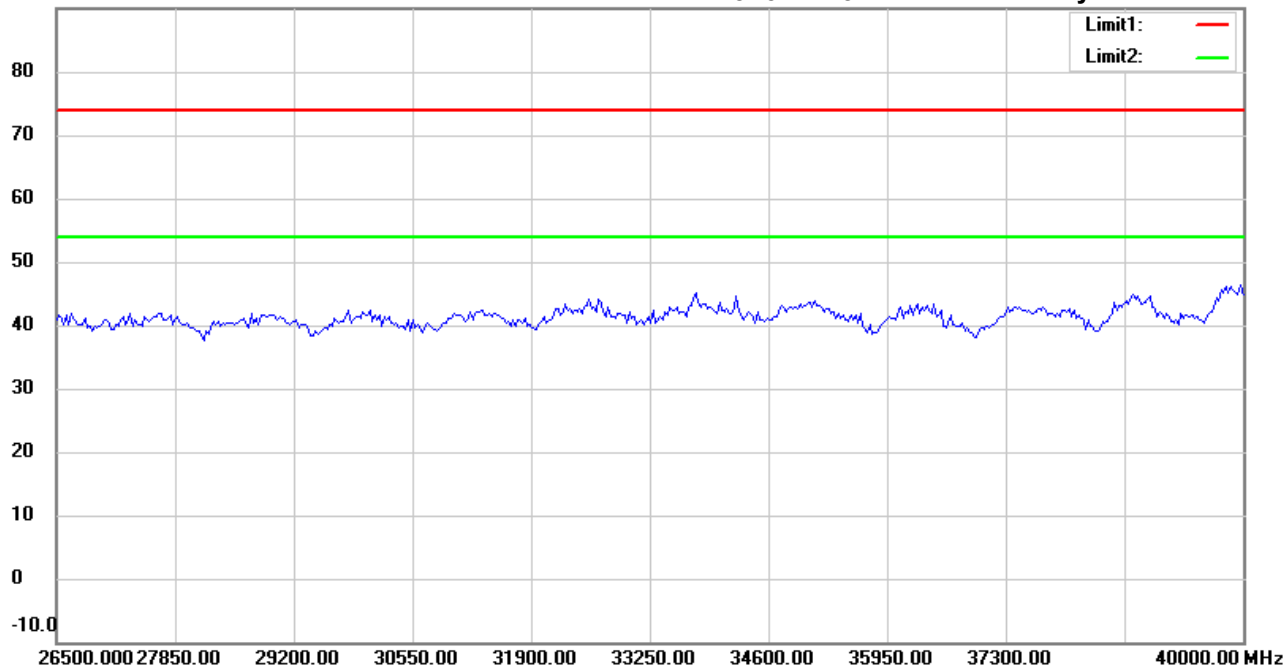
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:24:28 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#12

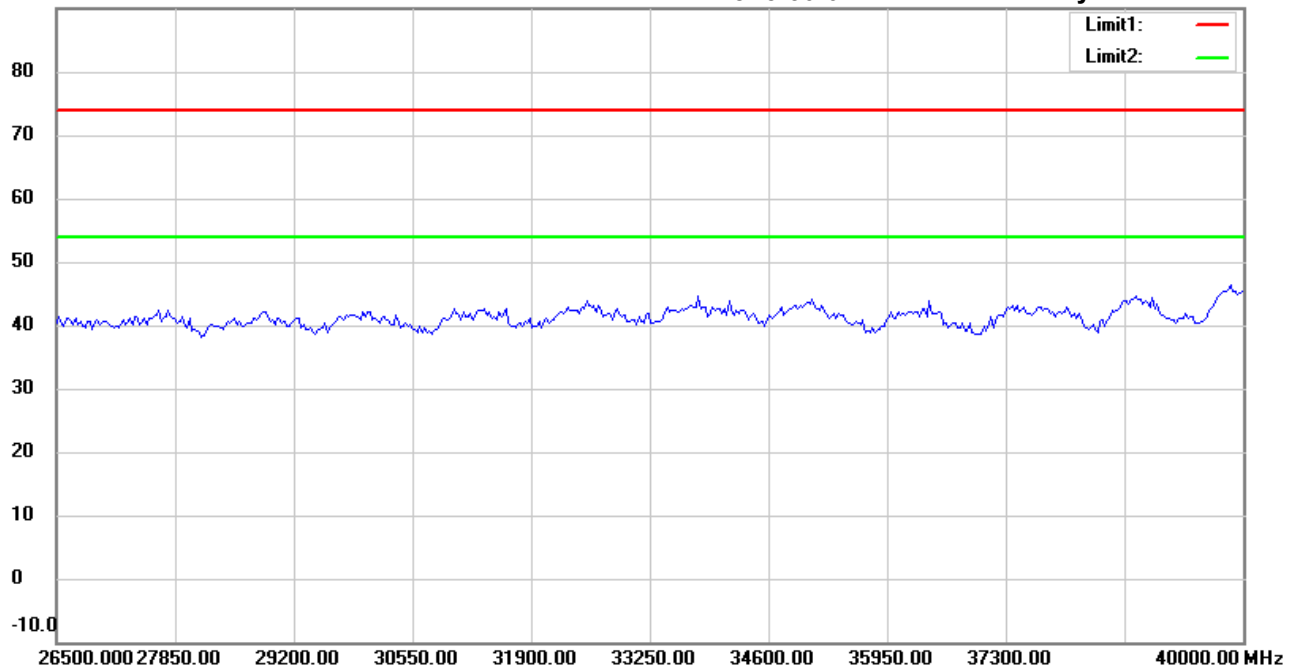
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 5:30:02 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH44

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

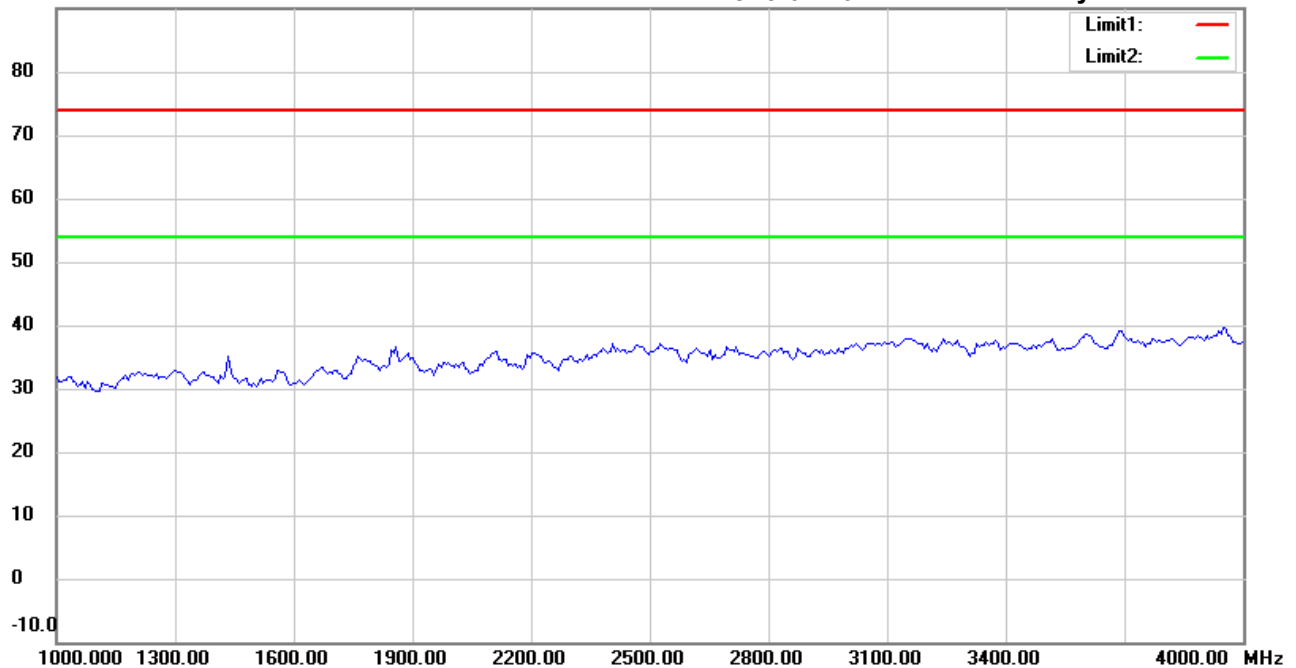
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:07:20 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

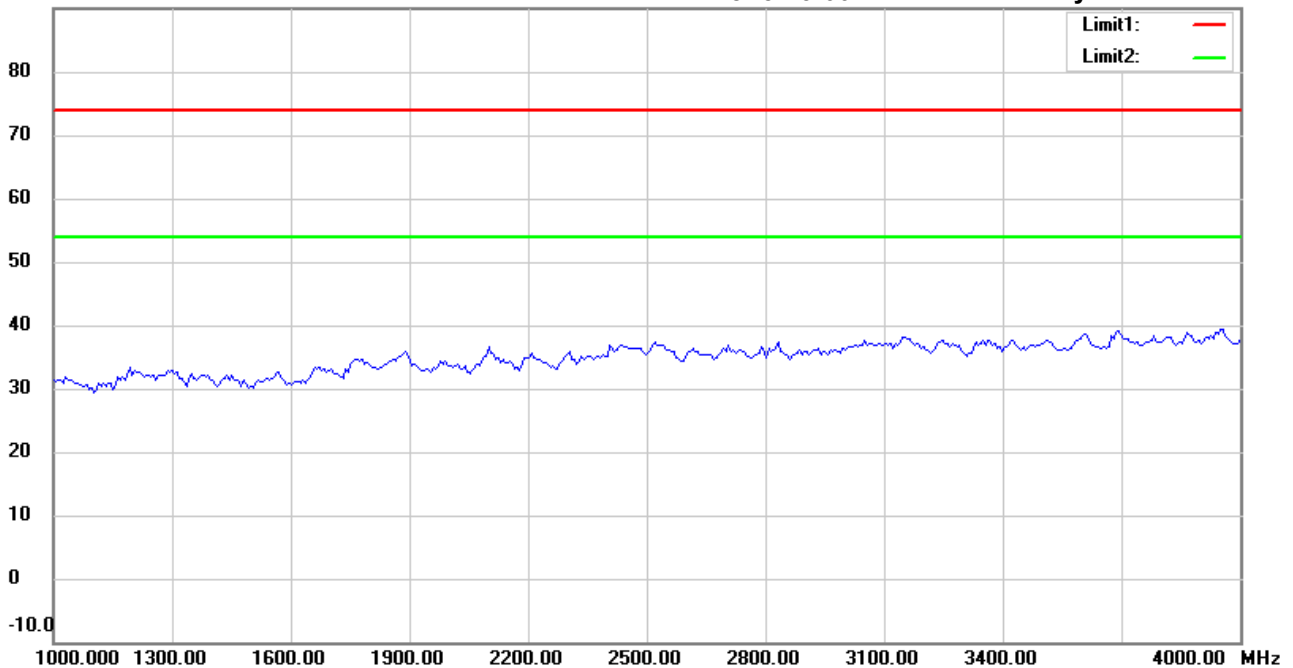
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:13:00 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

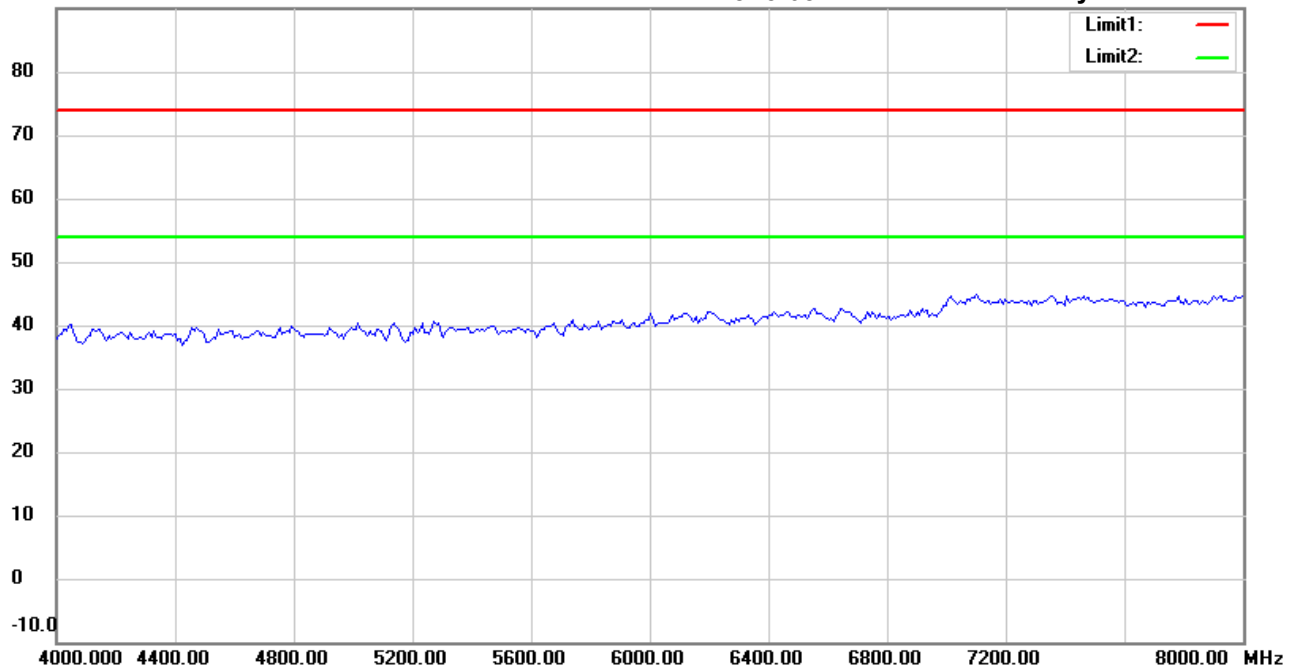
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:08:21 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

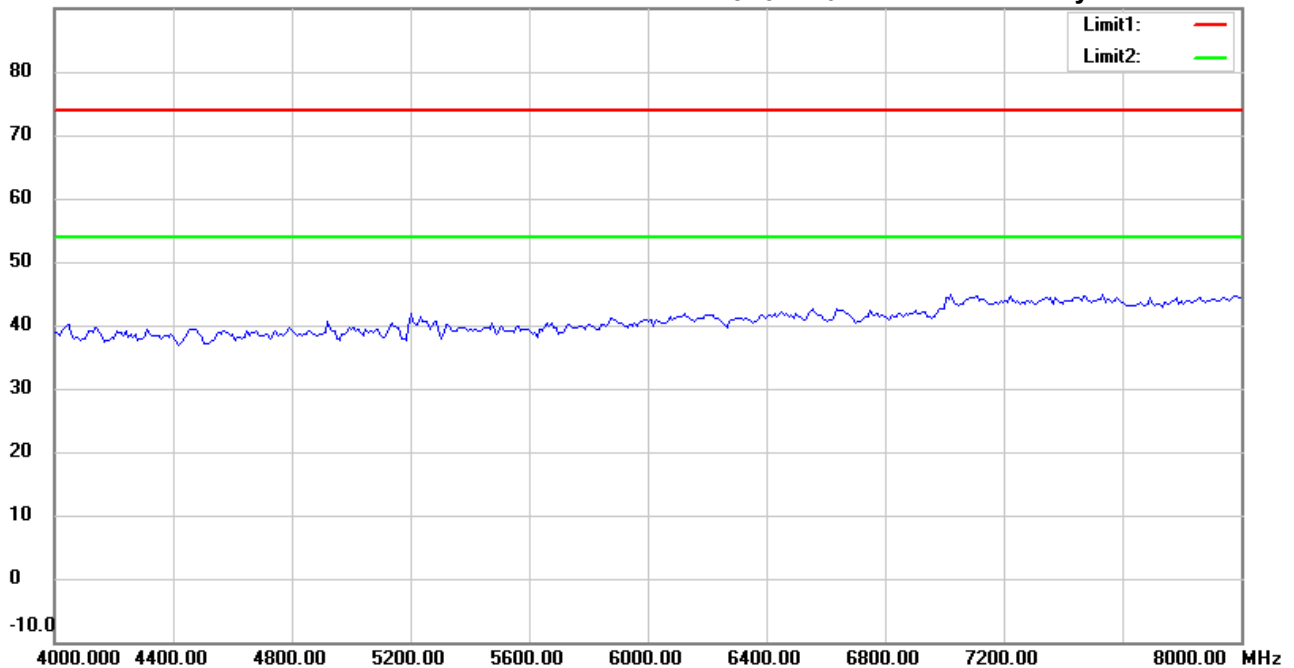
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:14:01 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

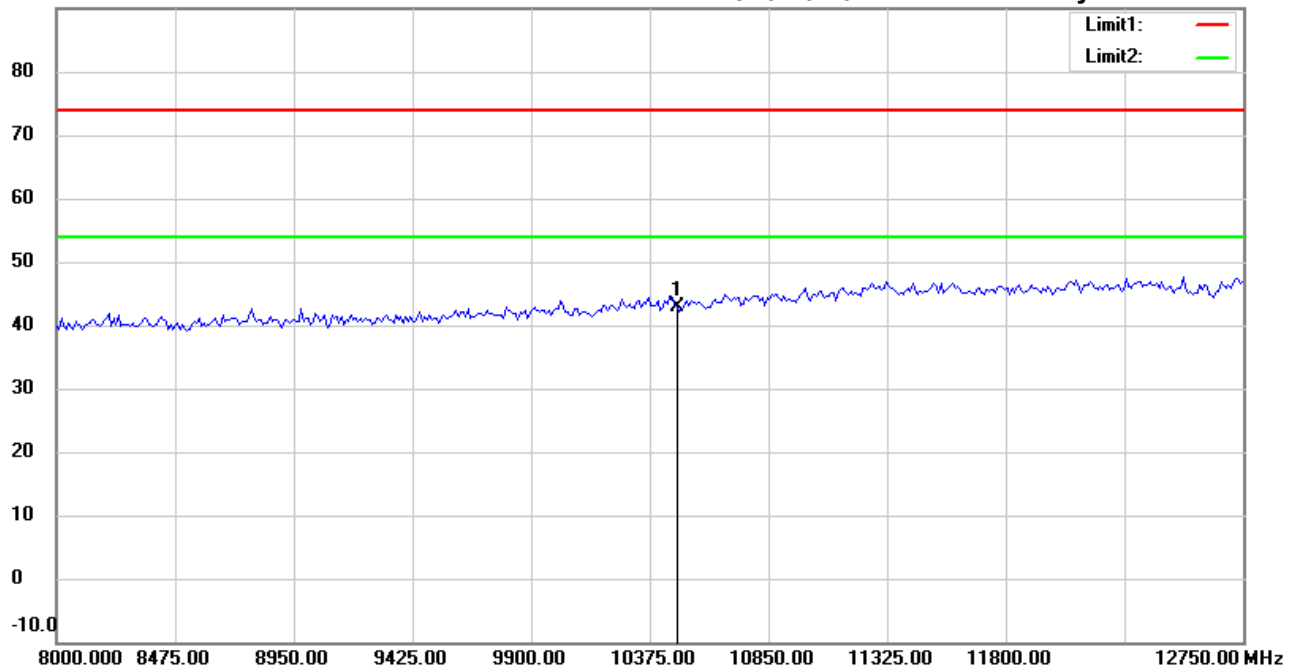
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:10:19 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10480.000       | 34.50          | peak     | 8.46                | 42.96           | 74.00          | 150          | 236            | -31.04      |         |

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



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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

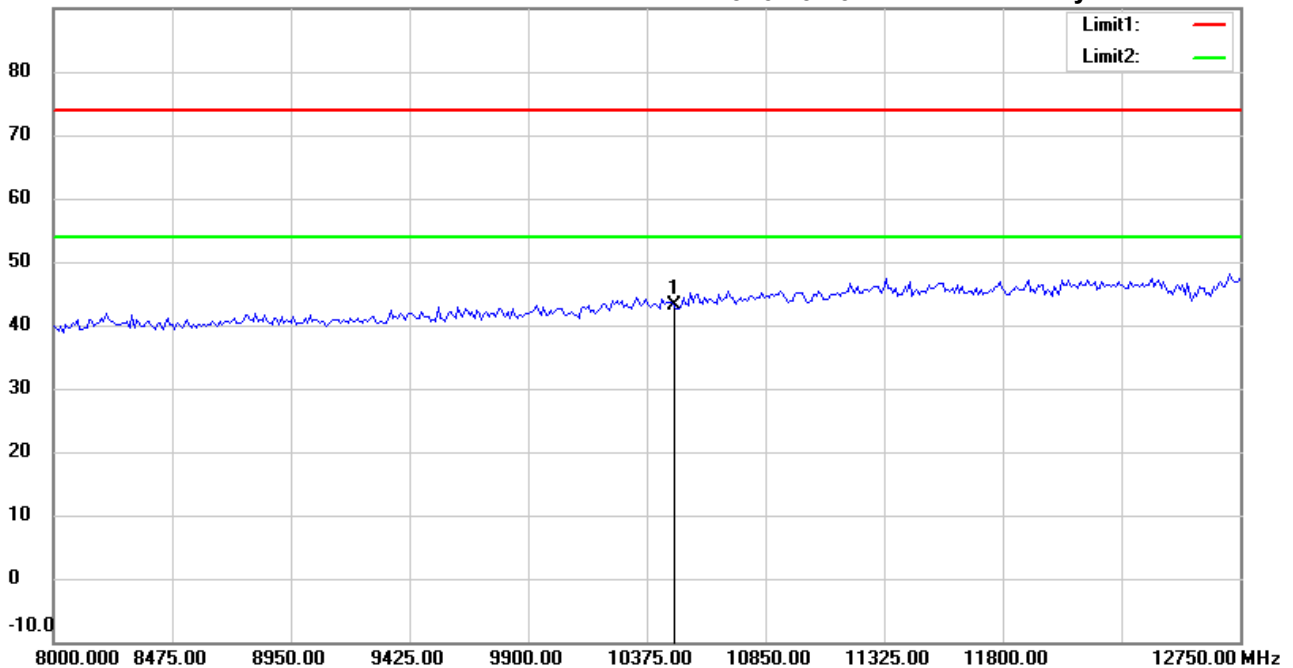
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:15:25 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10480.000       | 34.59          | peak     | 8.46                | 43.05           | 74.00          | 150          | 290            | -30.95      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

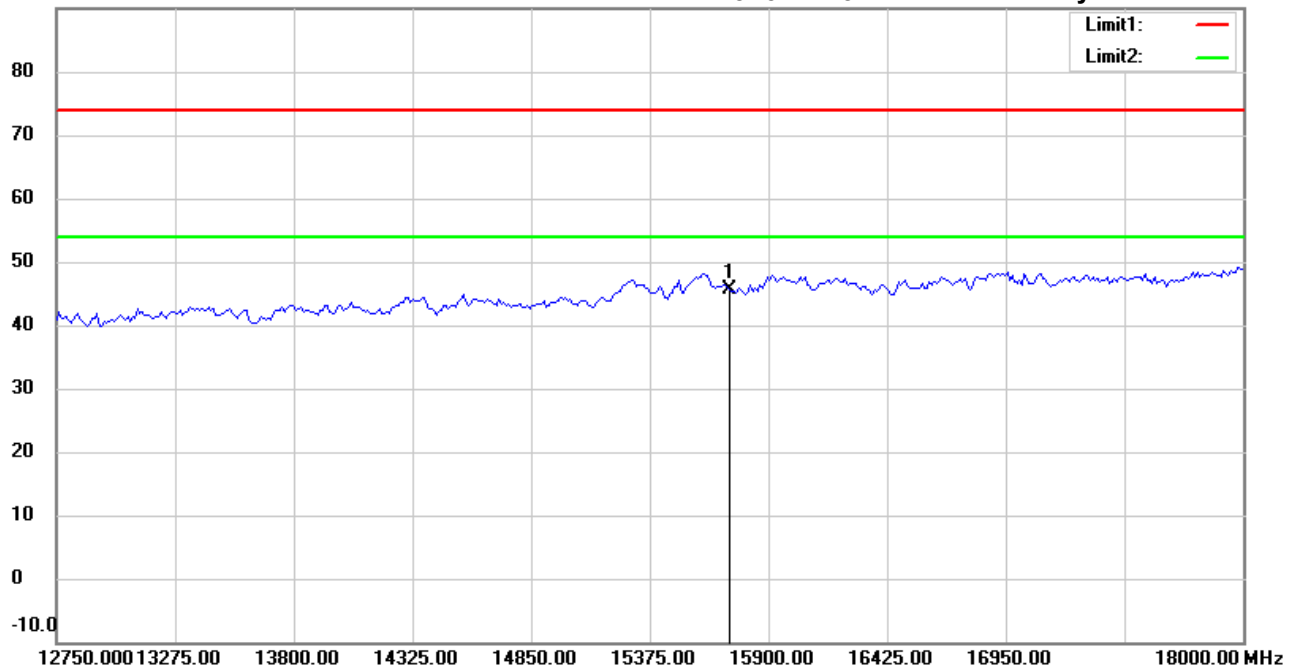
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:11:28 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15720.000       | 28.22          | peak     | 17.44               | 45.66           | 74.00          | 150          | 79             | -28.34      |         |

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



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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

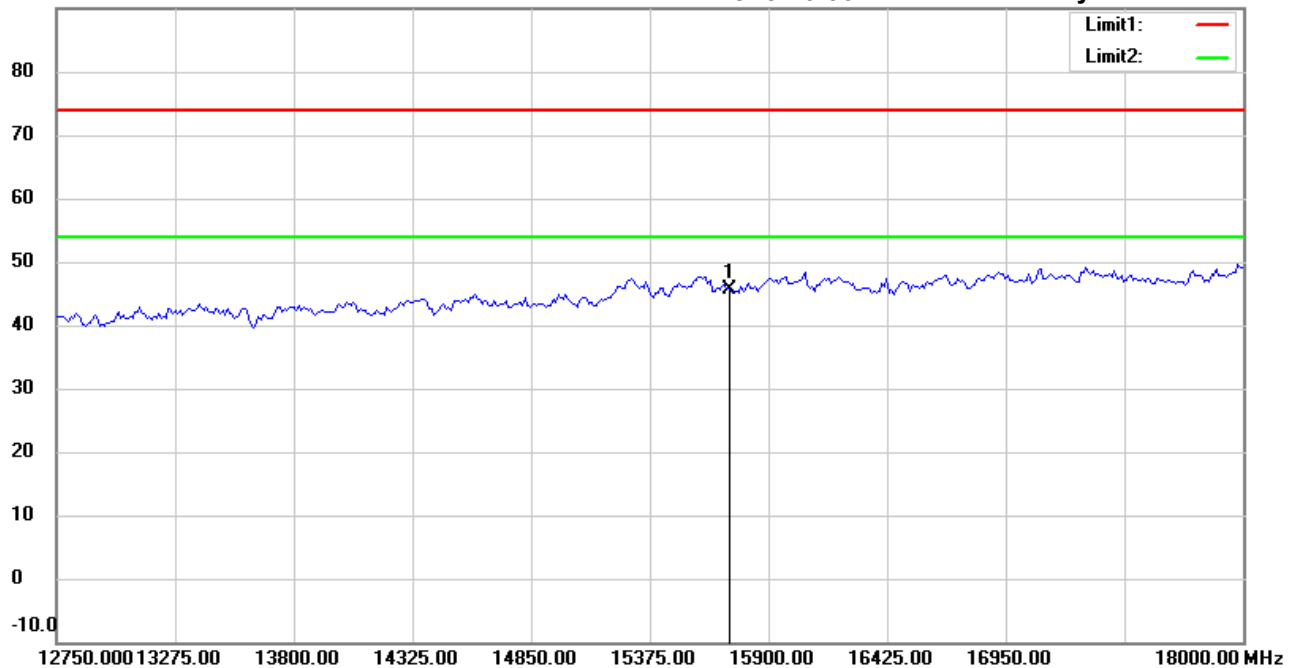
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:16:36 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15720.000       | 28.21          | peak     | 17.44               | 45.65           | 74.00          | 150          | 80             | -28.35      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

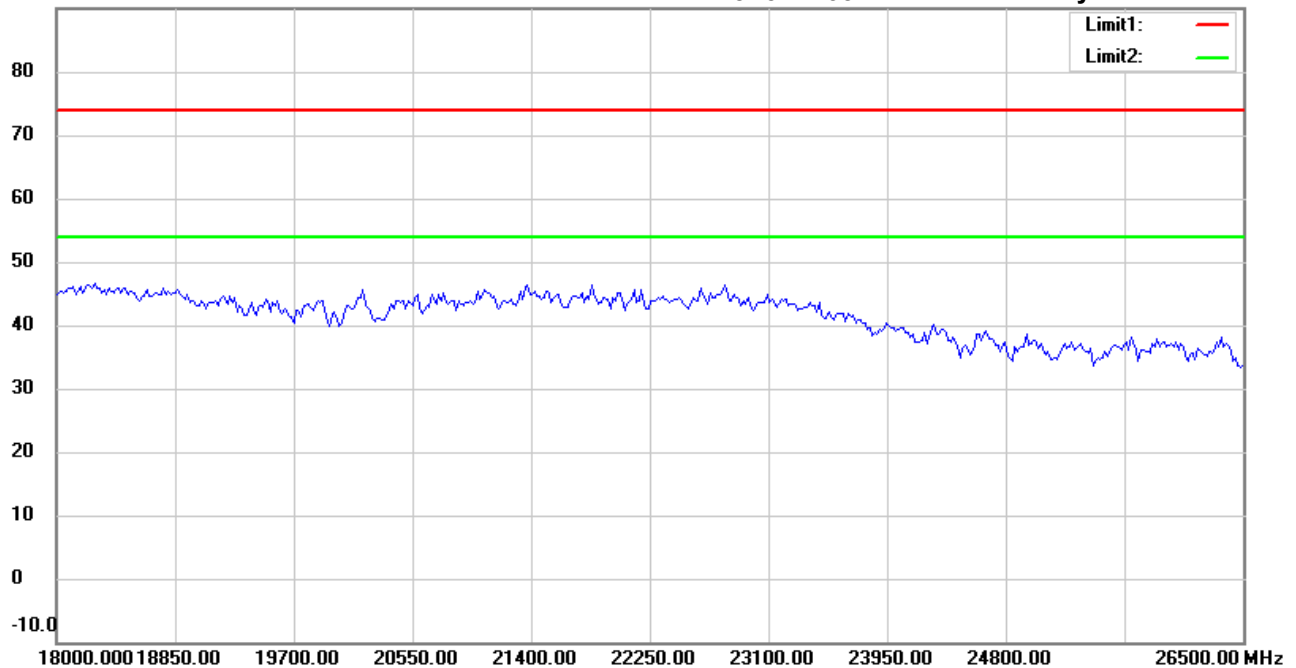
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:11:38 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #11

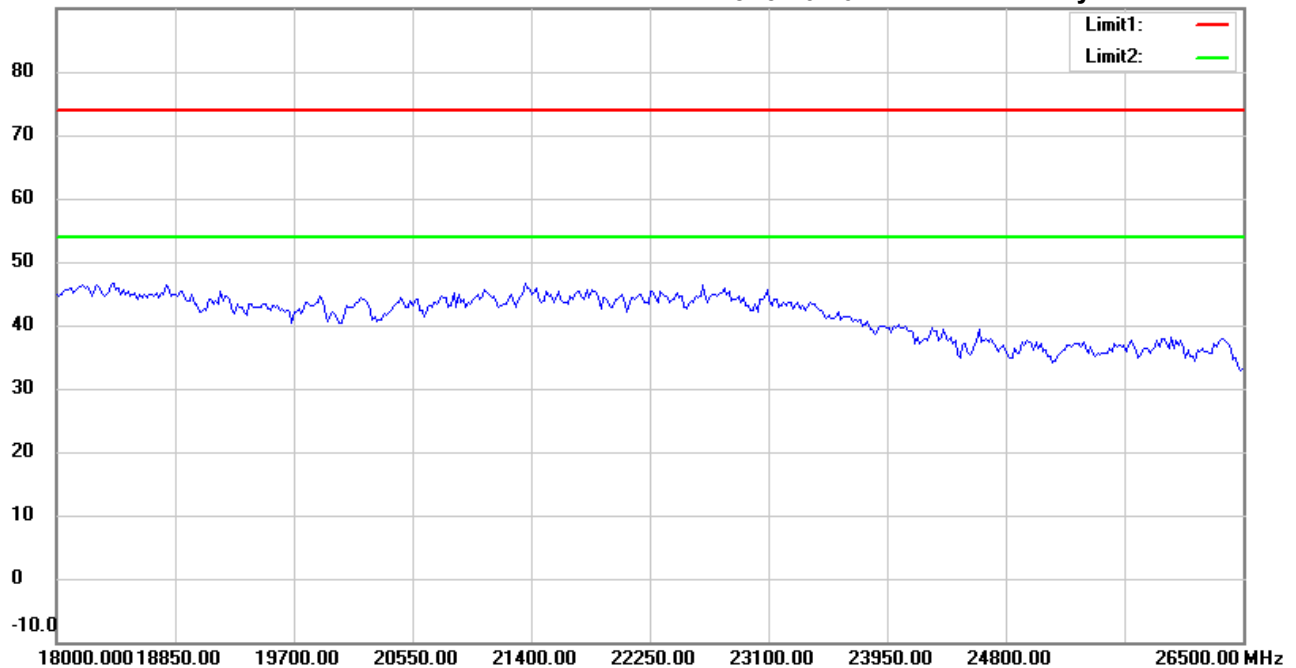
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:16:46 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

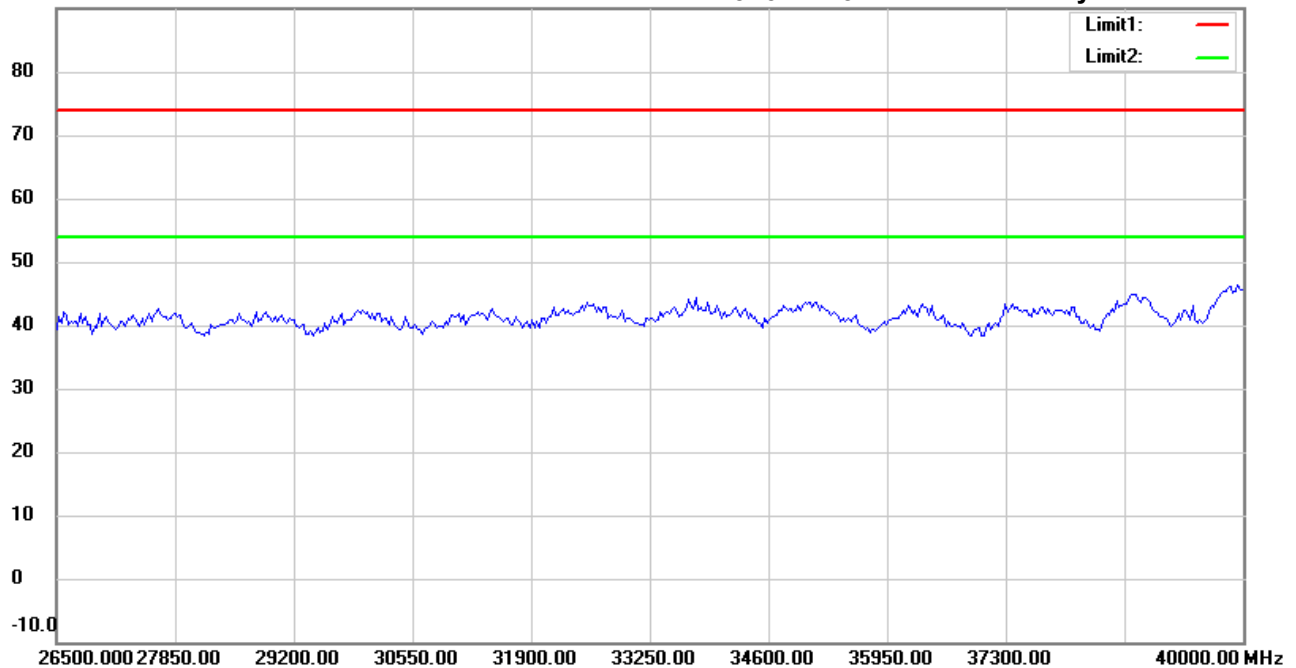
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:11:48 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #12

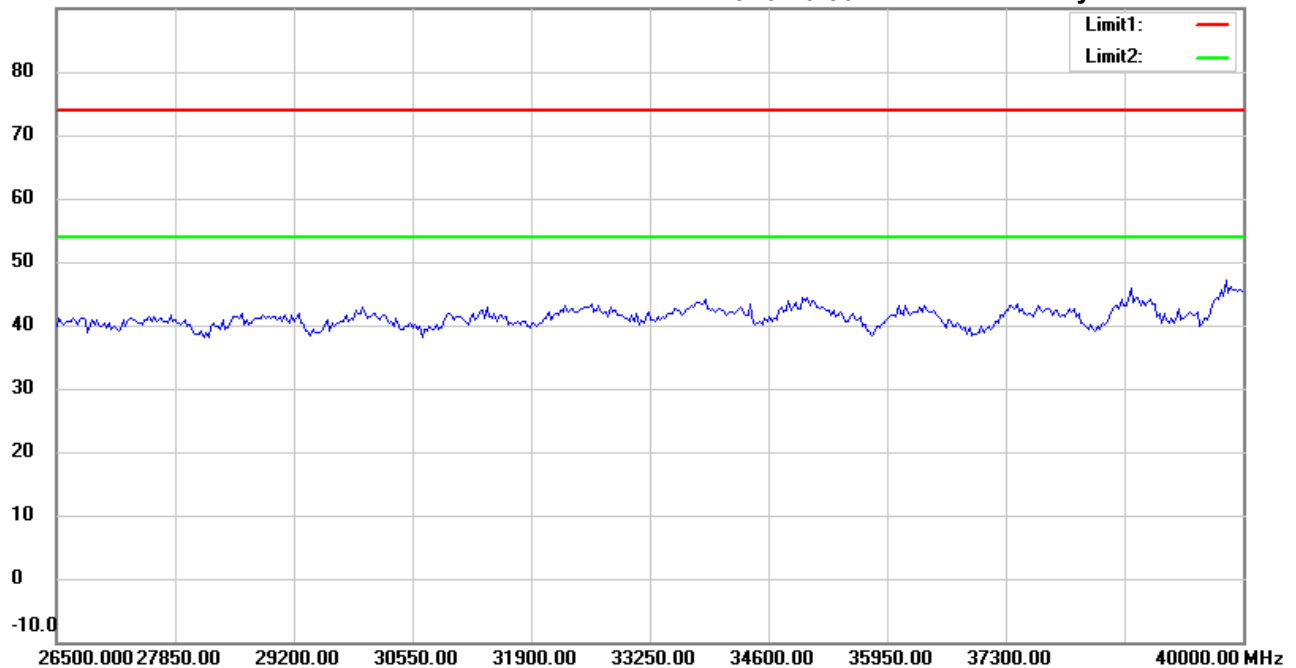
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:16:56 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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### Radiated Emission Measurement

Operator: Allen

File :3

Data :#1

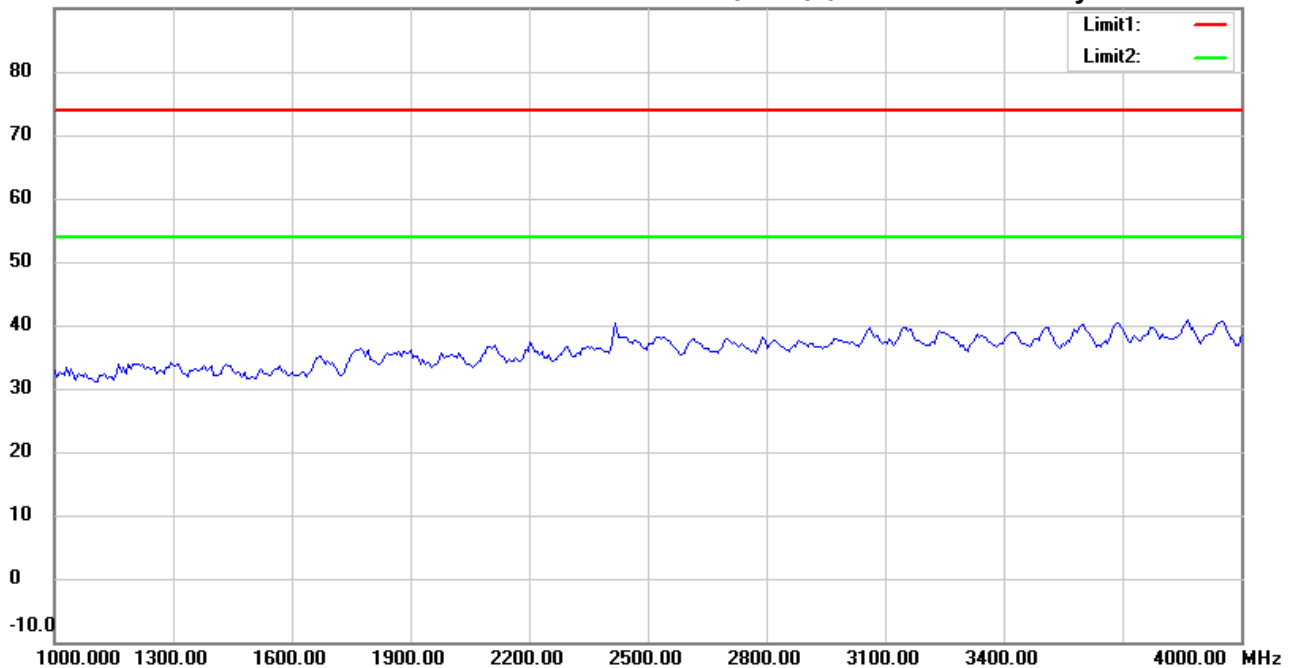
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 2:48:31 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

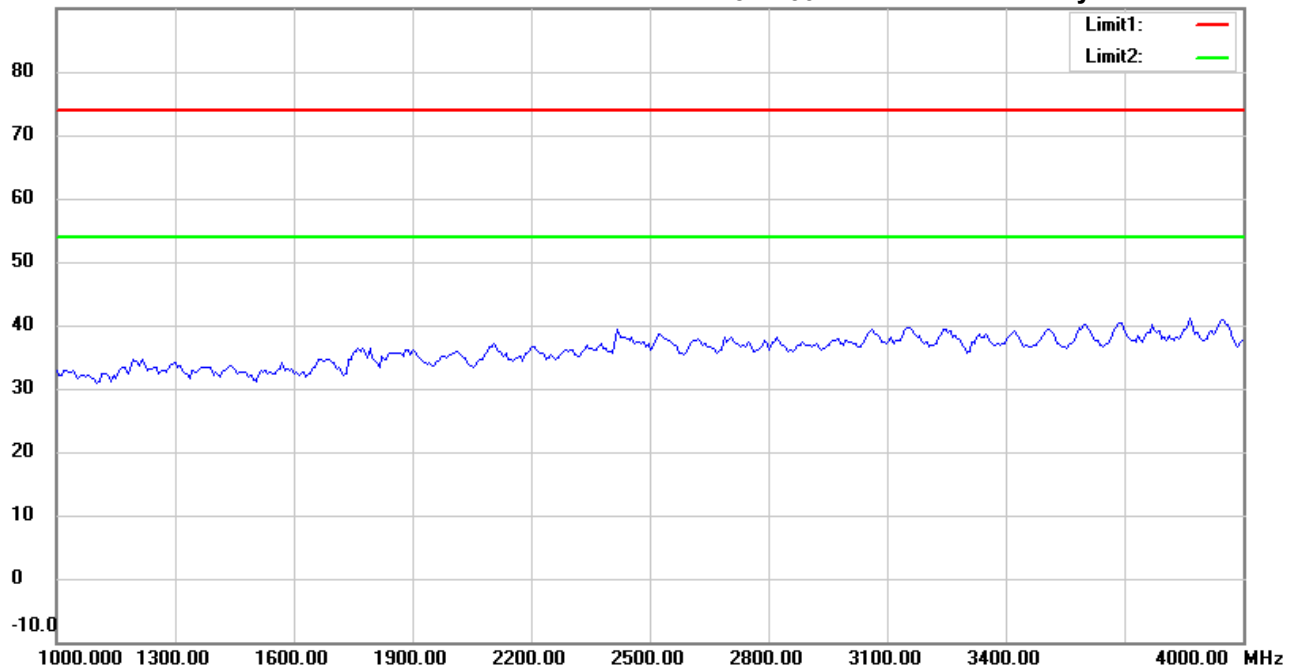
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 2:53:11 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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### Radiated Emission Measurement

Operator: Allen

File : 3

Data : #2

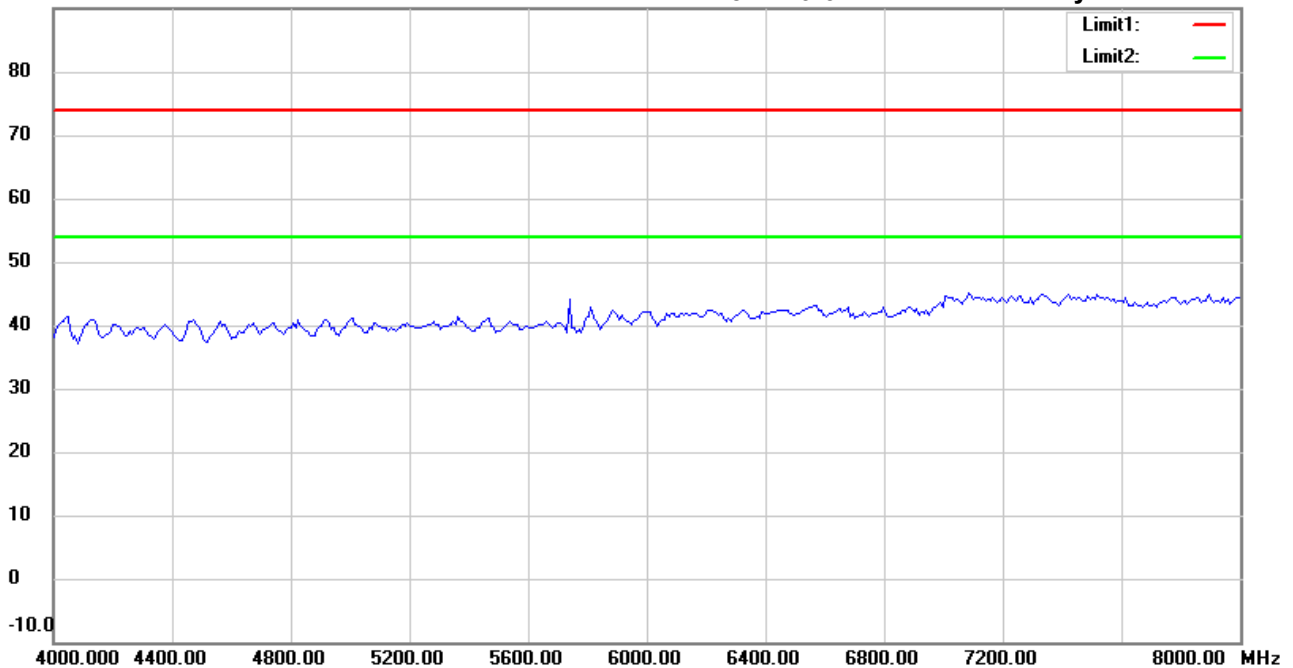
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:49:32 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #8

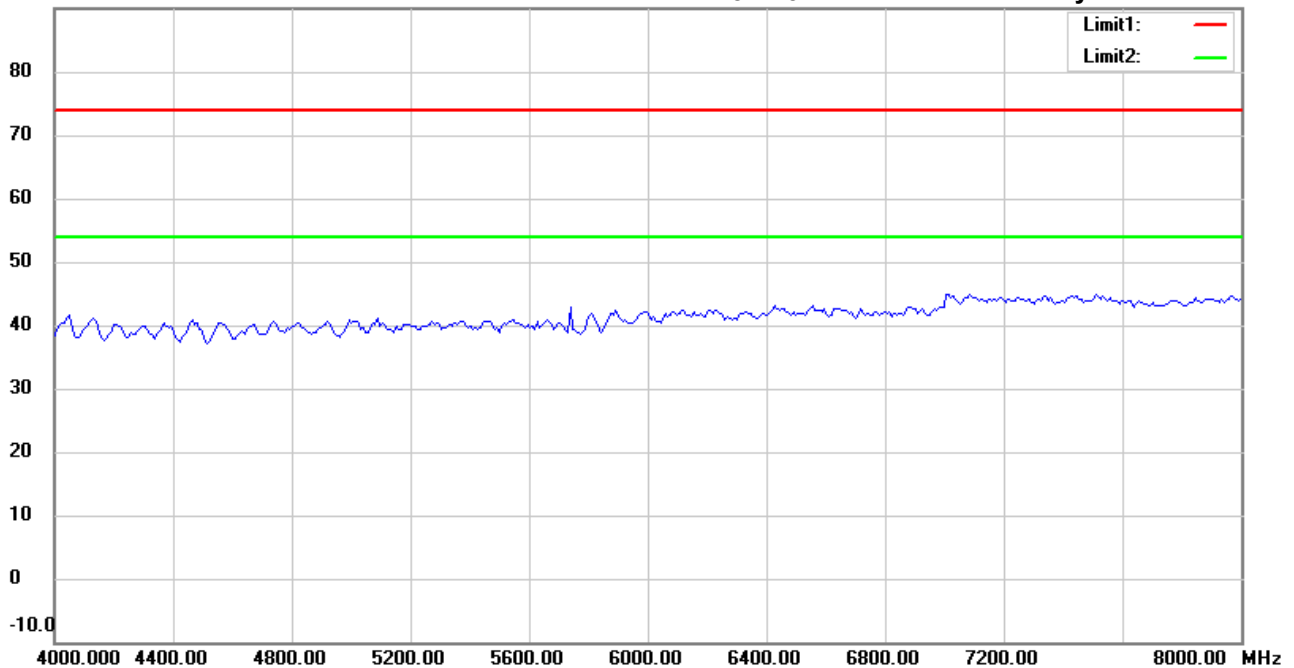
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:54:12 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

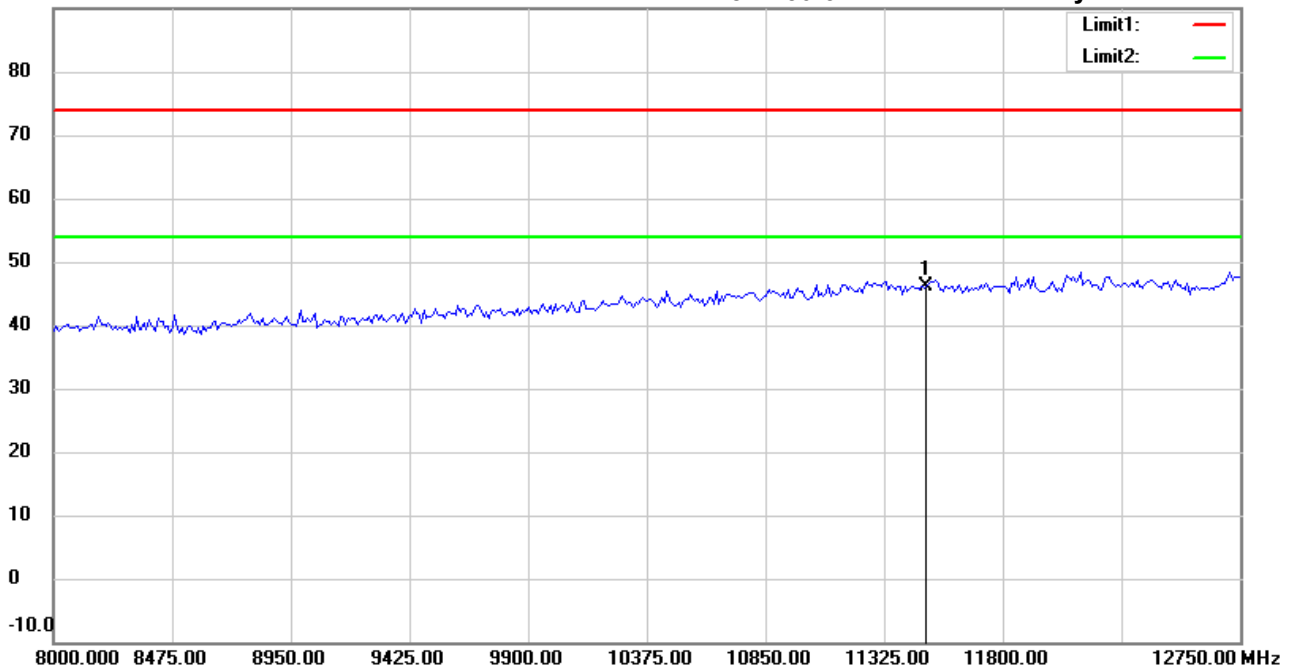
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:50:37 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11490.000       | 34.86          | peak     | 11.36               | 46.22           | 74.00          | 150          | 175            | -27.78      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #9

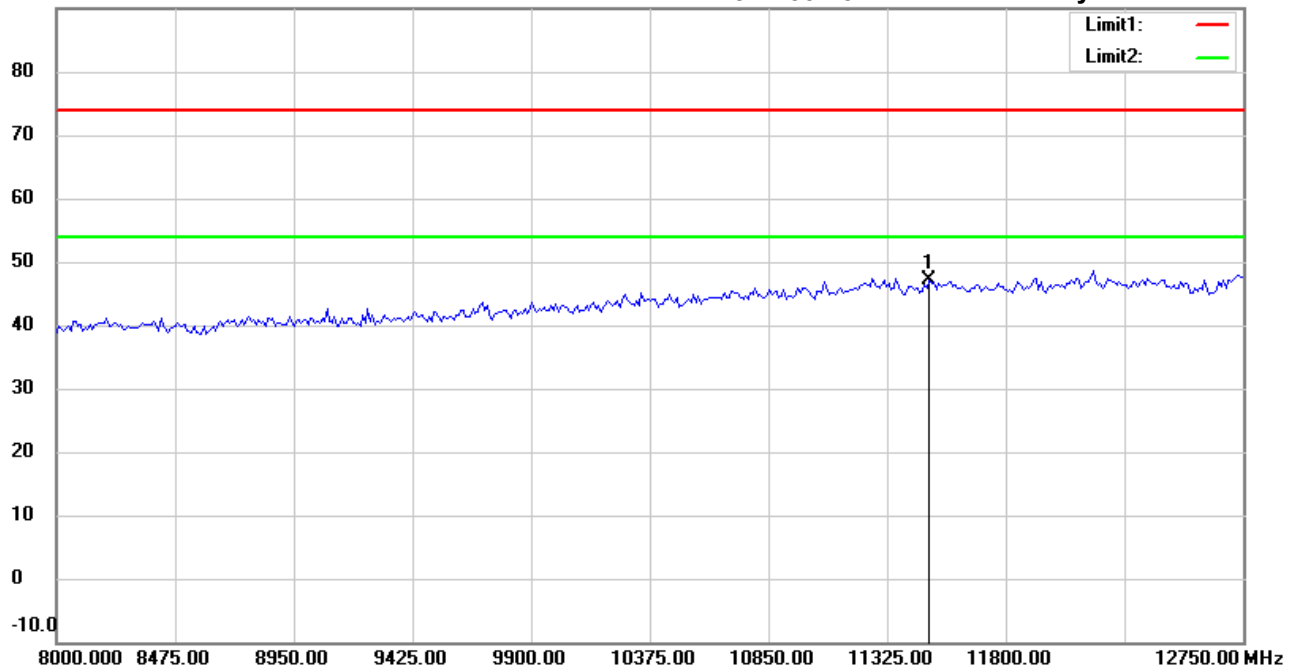
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:55:18 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11490.000       | 35.87          | peak     | 11.36               | 47.23           | 74.00          | 150          | 235            | -26.77      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#4

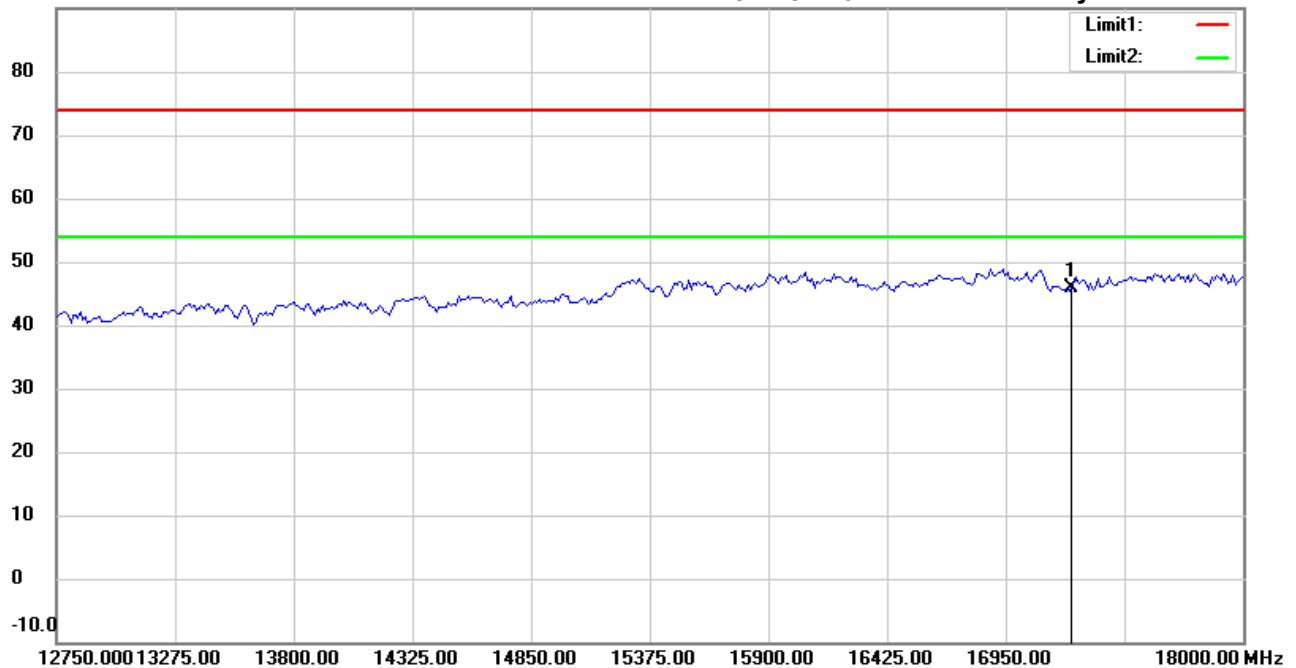
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:51:46 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17235.000       | 26.57          | peak     | 19.23               | 45.80           | 74.00          | 150          | 0              | -28.20      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#10

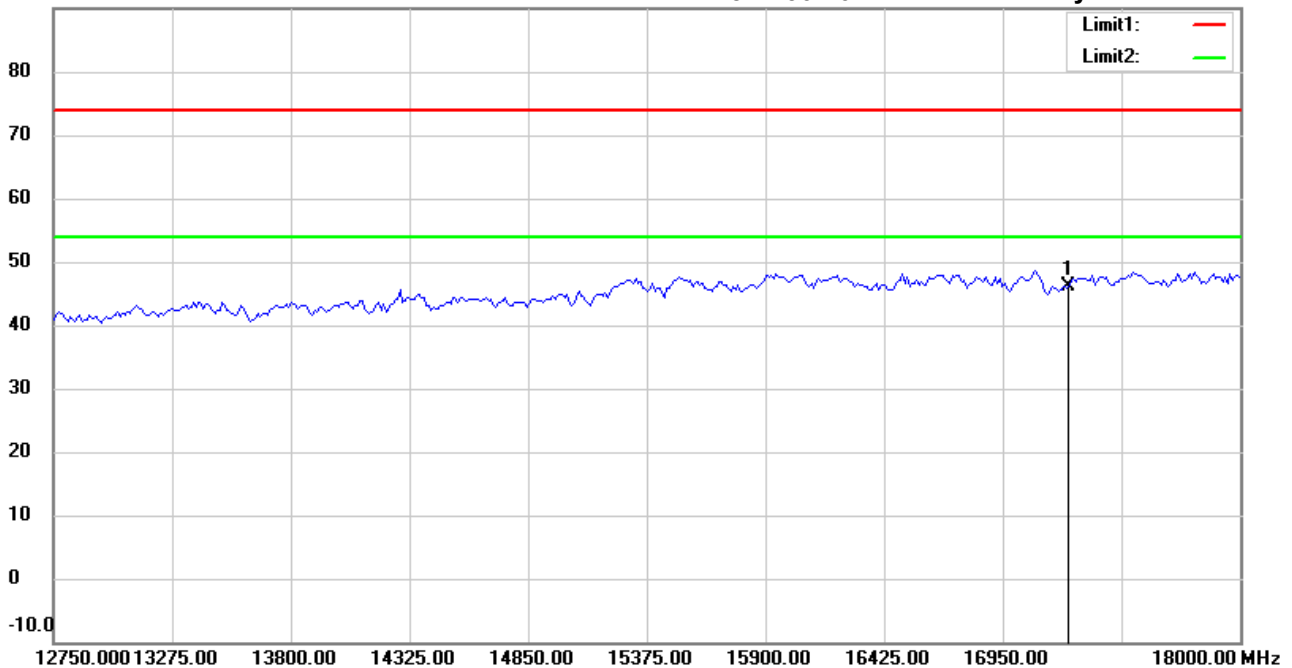
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:56:26 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17235.000       | 26.82          | peak     | 19.23               | 46.05           | 74.00          | 150          | 70             | -27.95      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #5

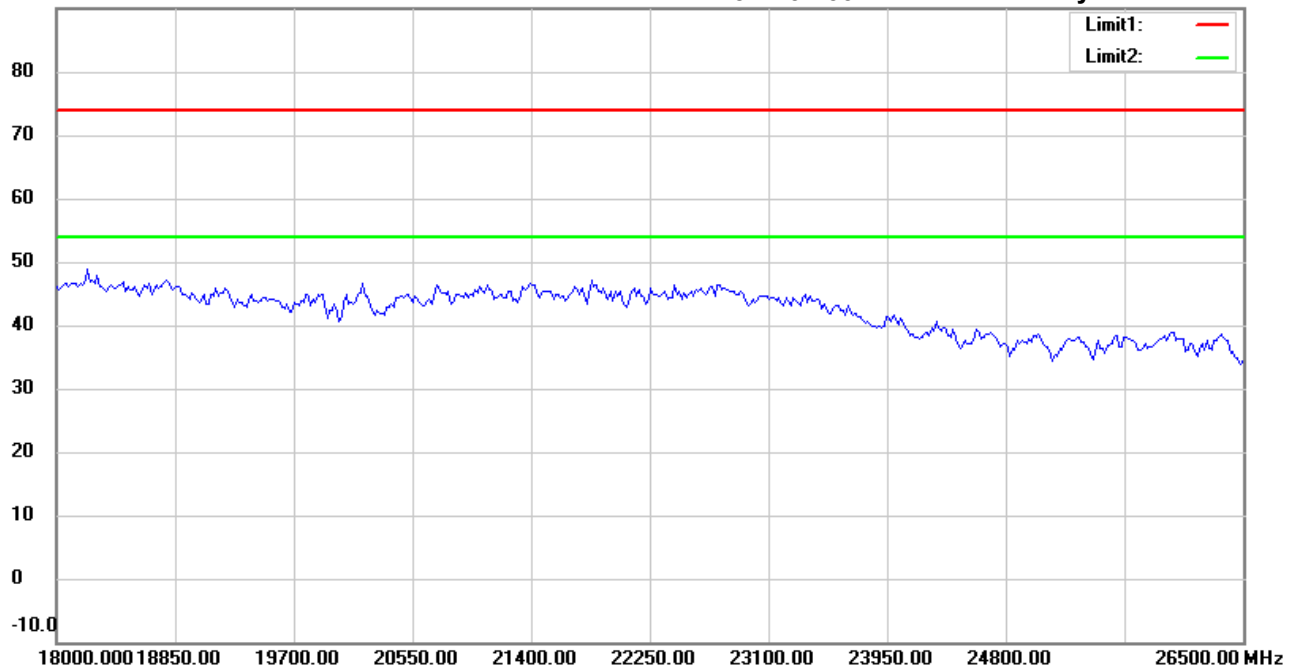
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:51:55 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #11

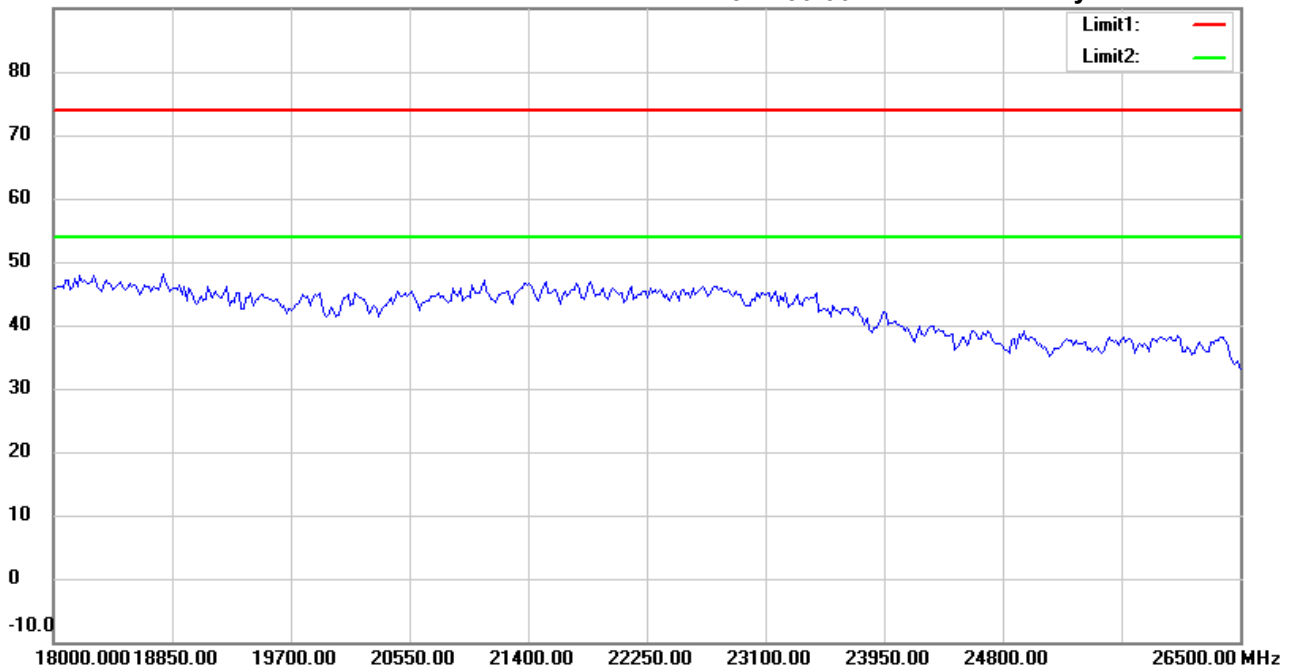
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:56:36 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Tel: +886-2-6606-8877  
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### Radiated Emission Measurement

Operator: Allen

File : 3

Data : #6

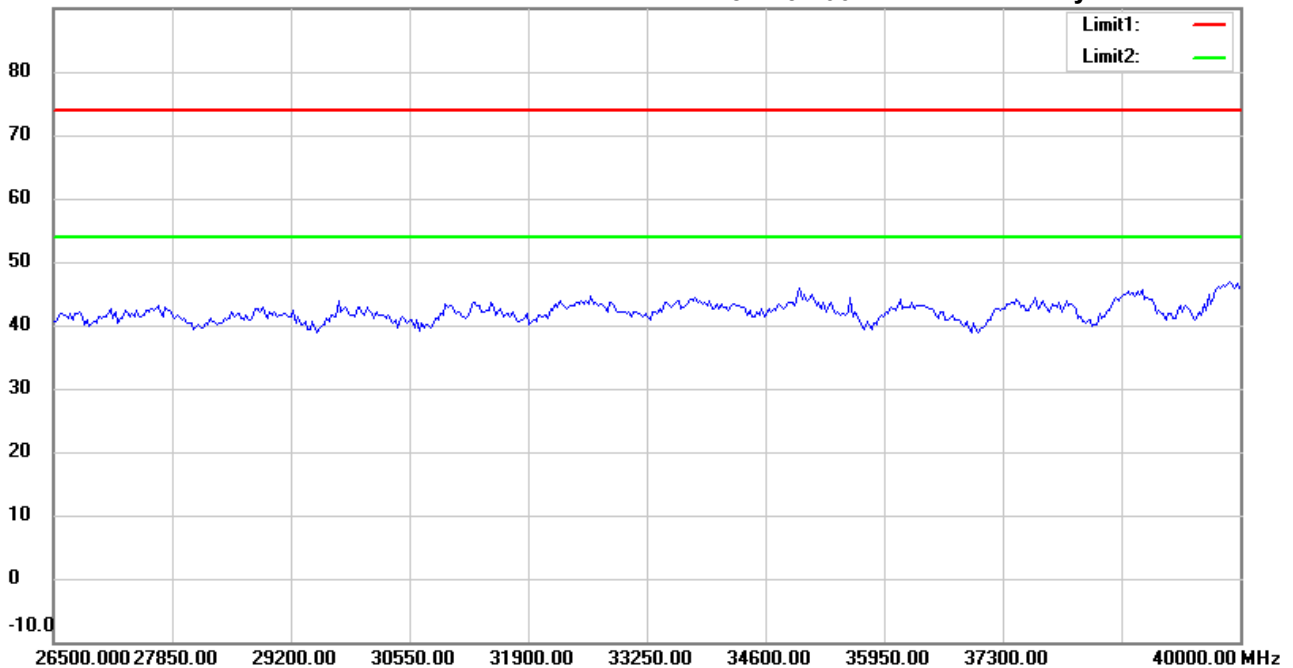
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:52:06 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #12

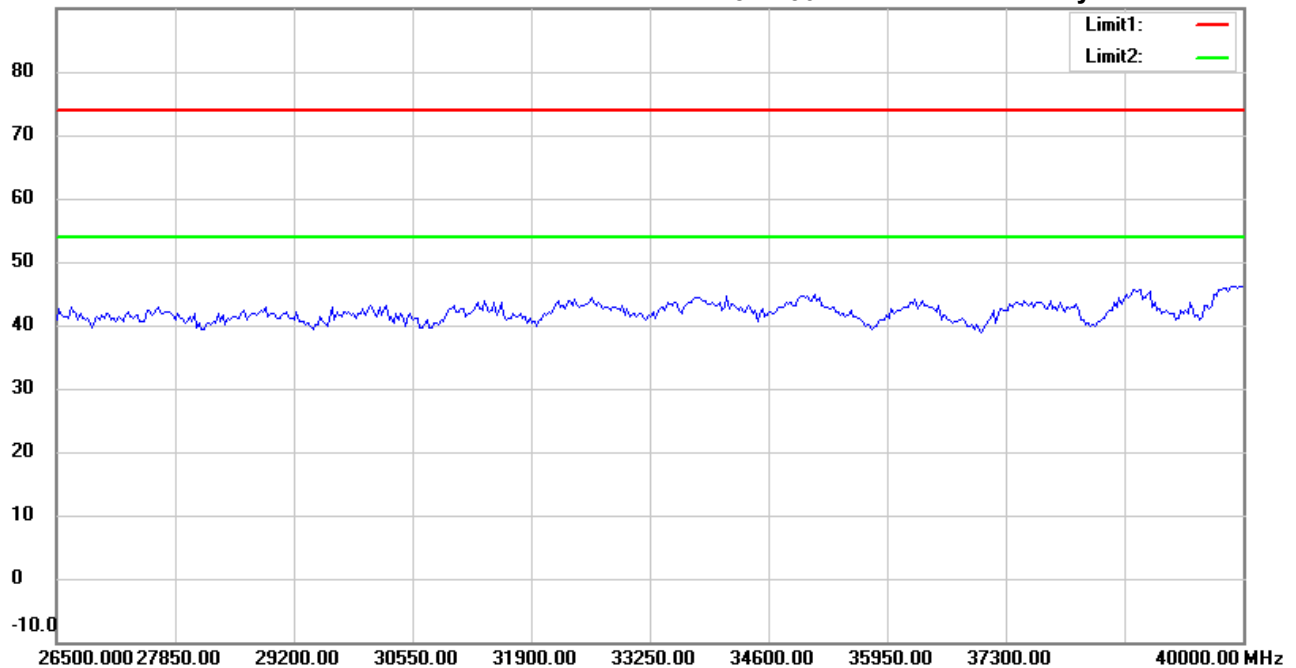
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 2:56:47 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #1

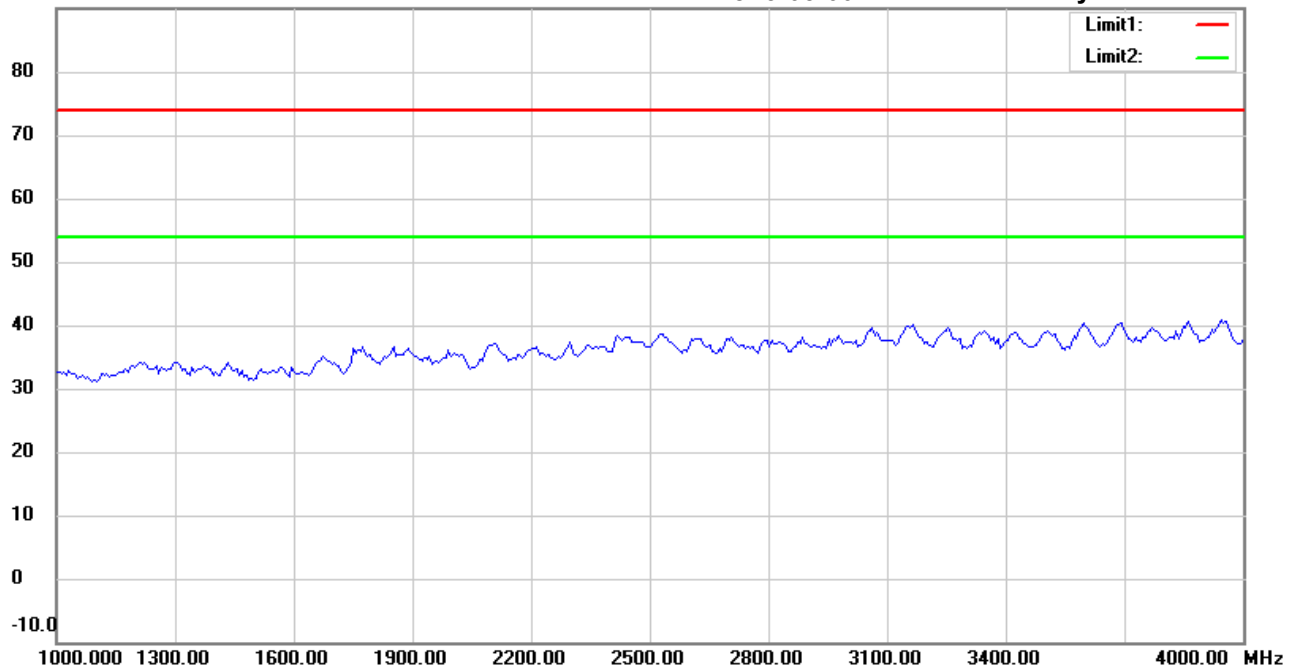
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:05:00 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

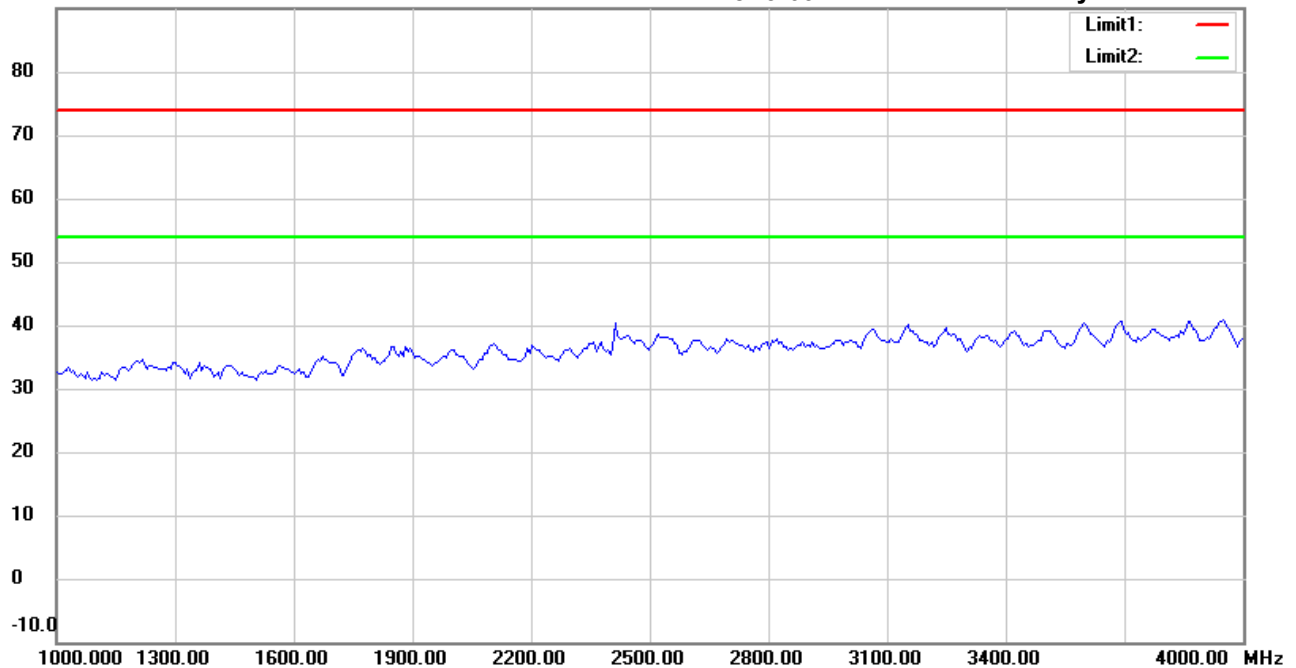
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 3:09:41 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#2

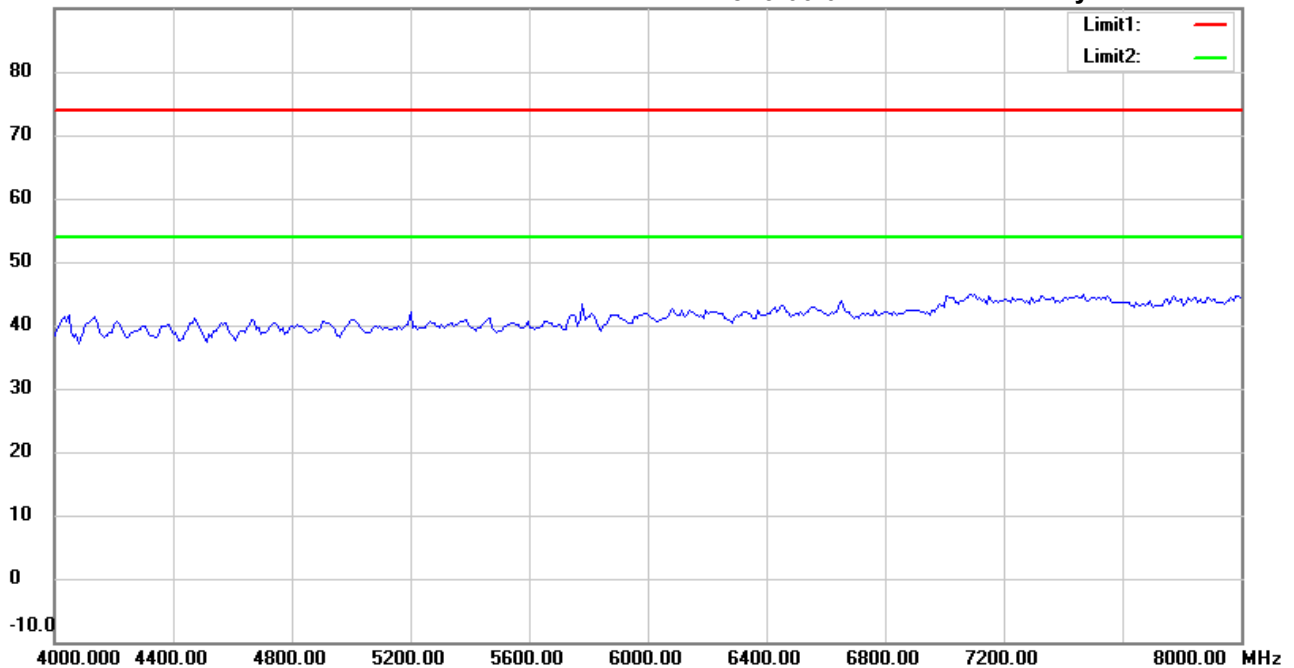
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 3:06:01 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

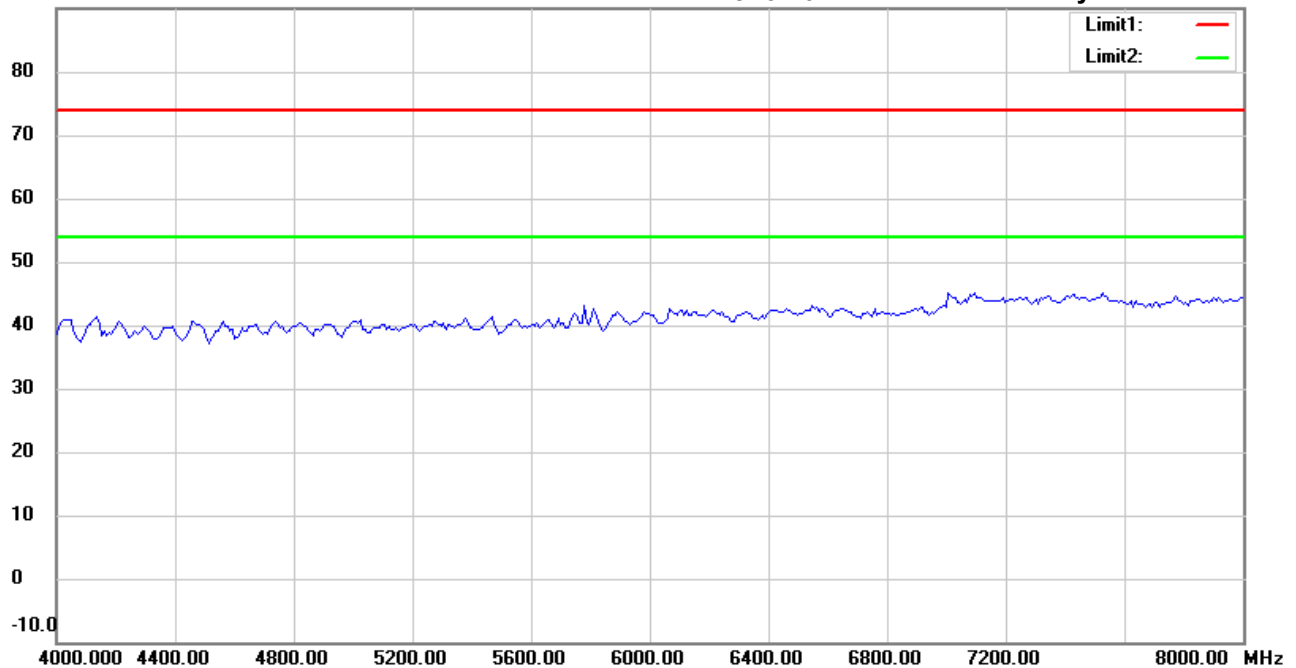
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 3:10:42 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

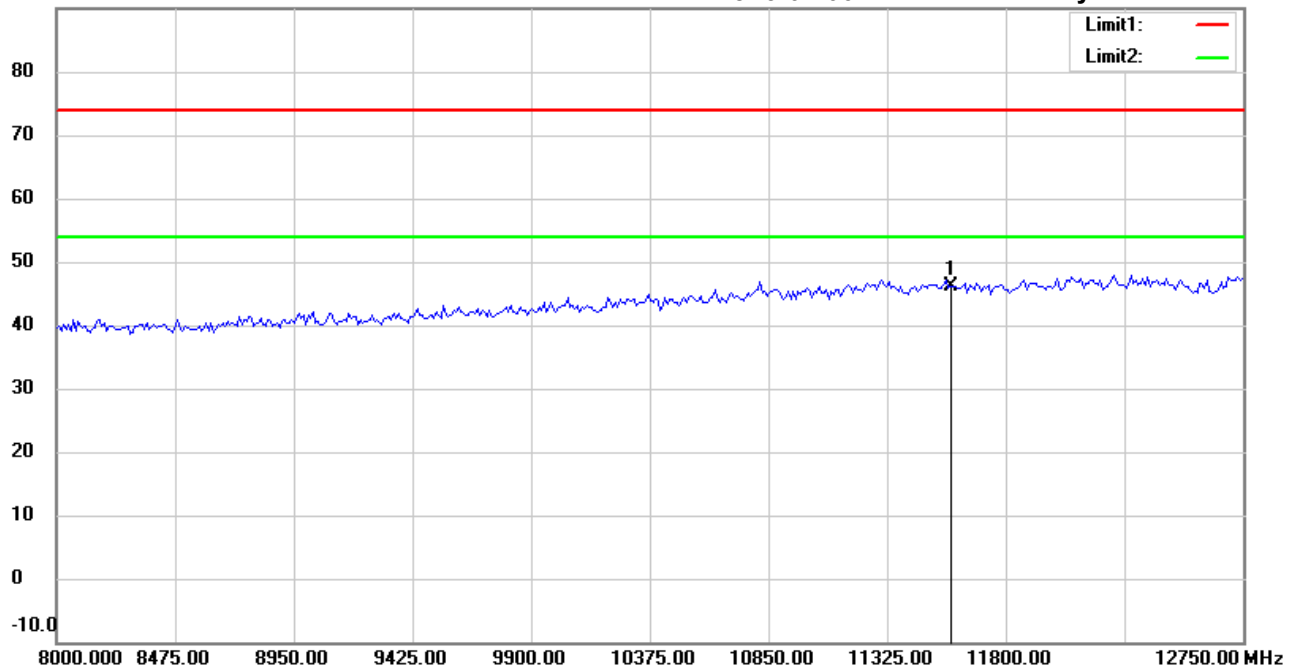
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:07:06 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11570.000       | 35.01          | peak     | 11.12               | 46.13           | 74.00          | 150          | 310            | -27.87      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File :3

Data :#9

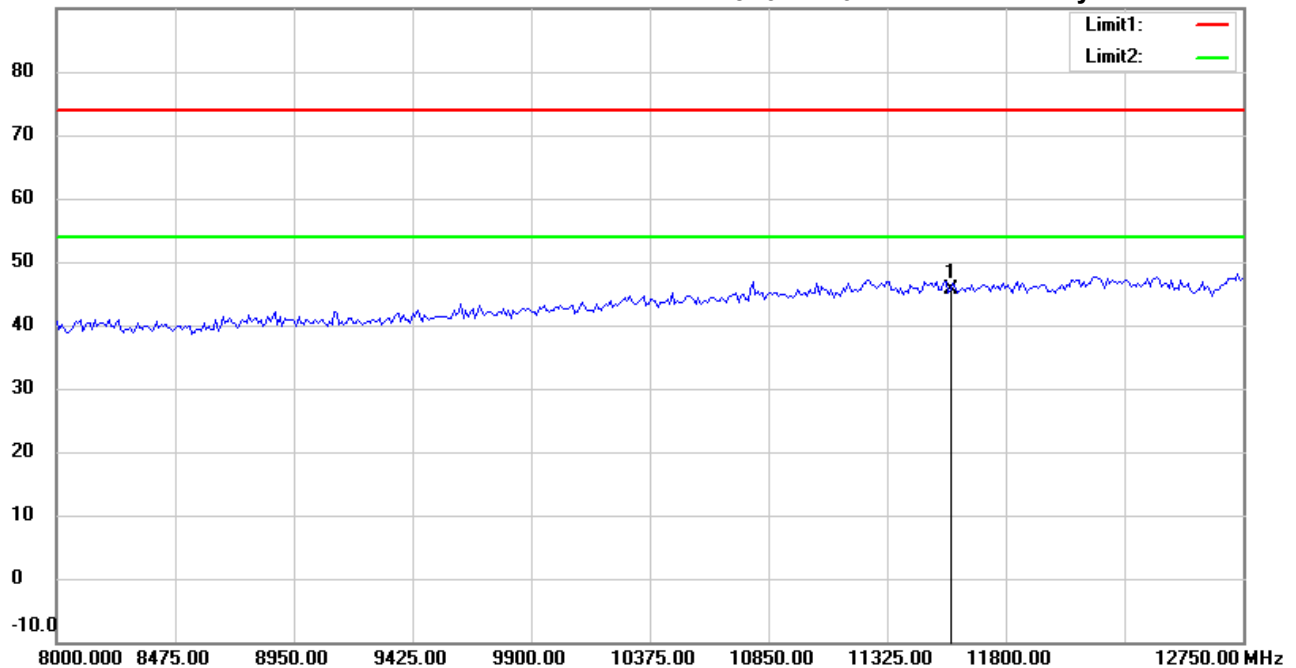
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:11:49 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11570.000       | 34.55          | peak     | 11.12               | 45.67           | 74.00          | 150          | 270            | -28.33      |         |

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



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Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

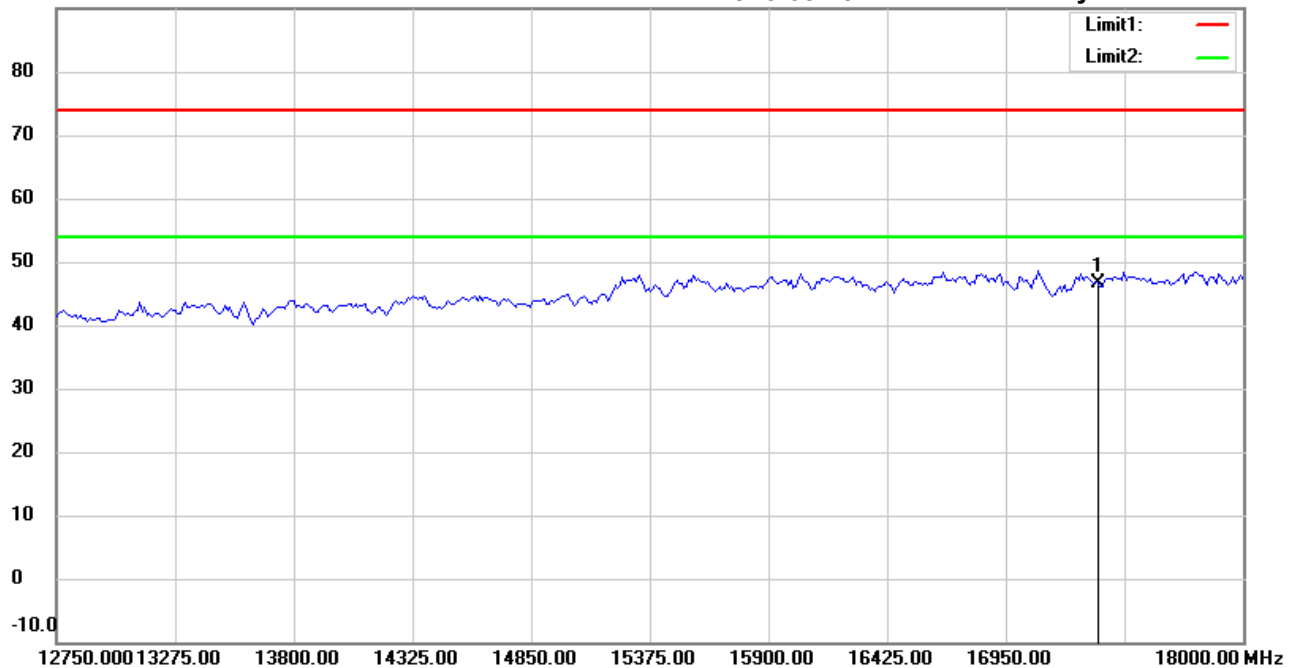
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:08:15 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17355.000       | 26.27          | peak     | 20.45               | 46.72           | 74.00          | 150          | 45             | -27.28      |         |

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



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Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #10

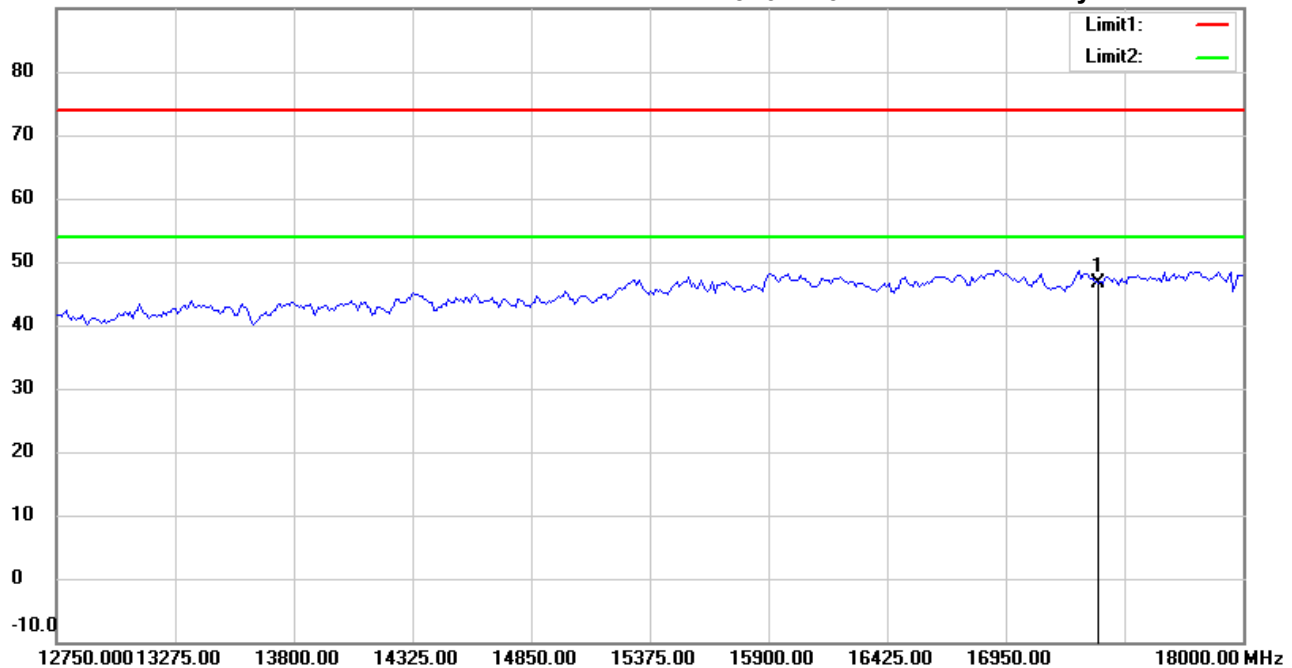
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:12:57 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17355.000       | 26.17          | peak     | 20.45               | 46.62           | 74.00          | 150          | 20             | -27.38      |         |

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



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Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #5

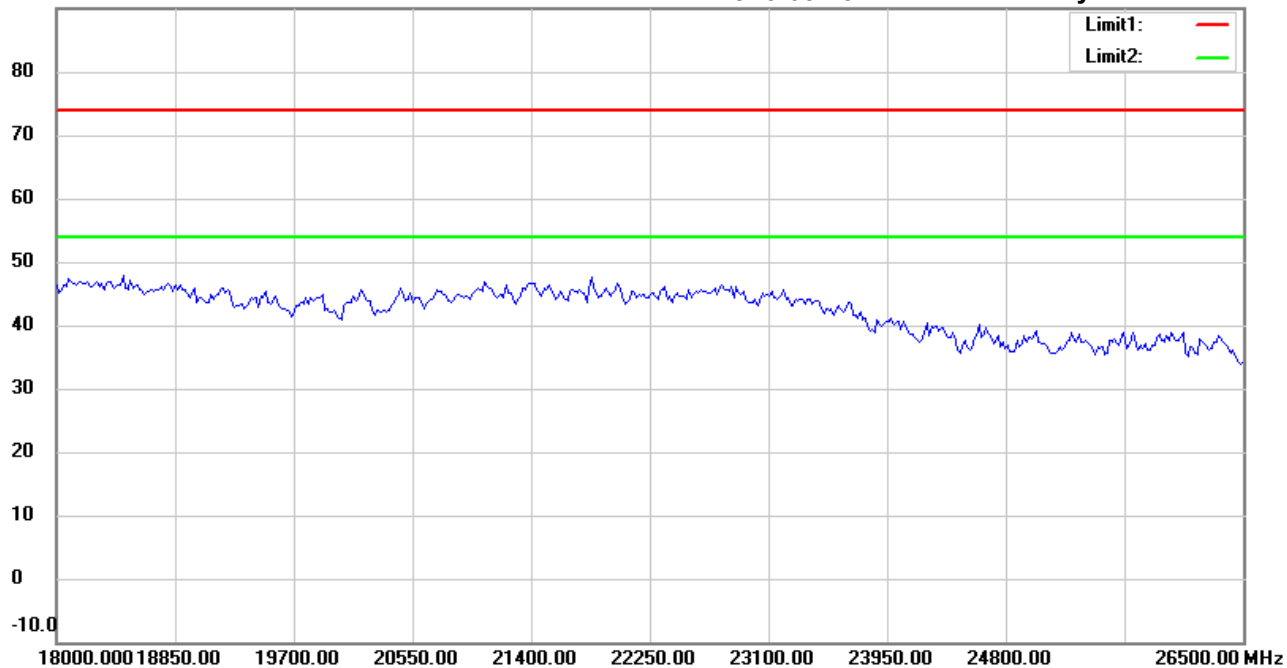
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:08:25 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #11

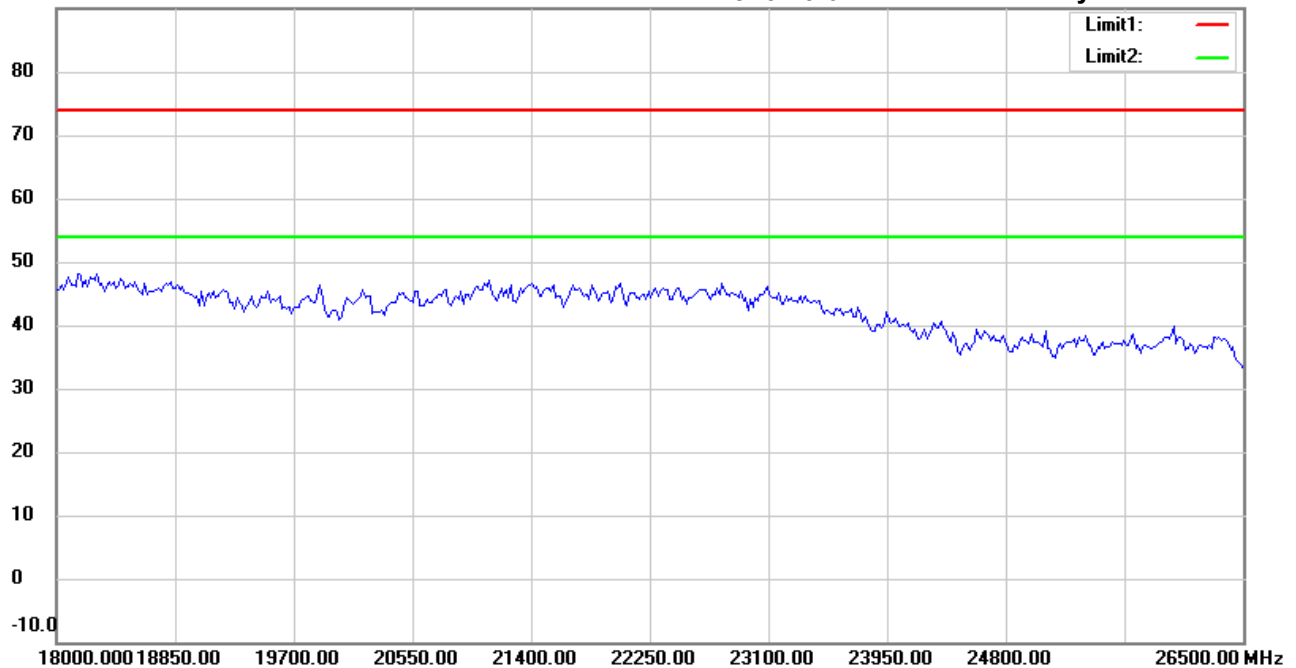
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:13:07 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#6

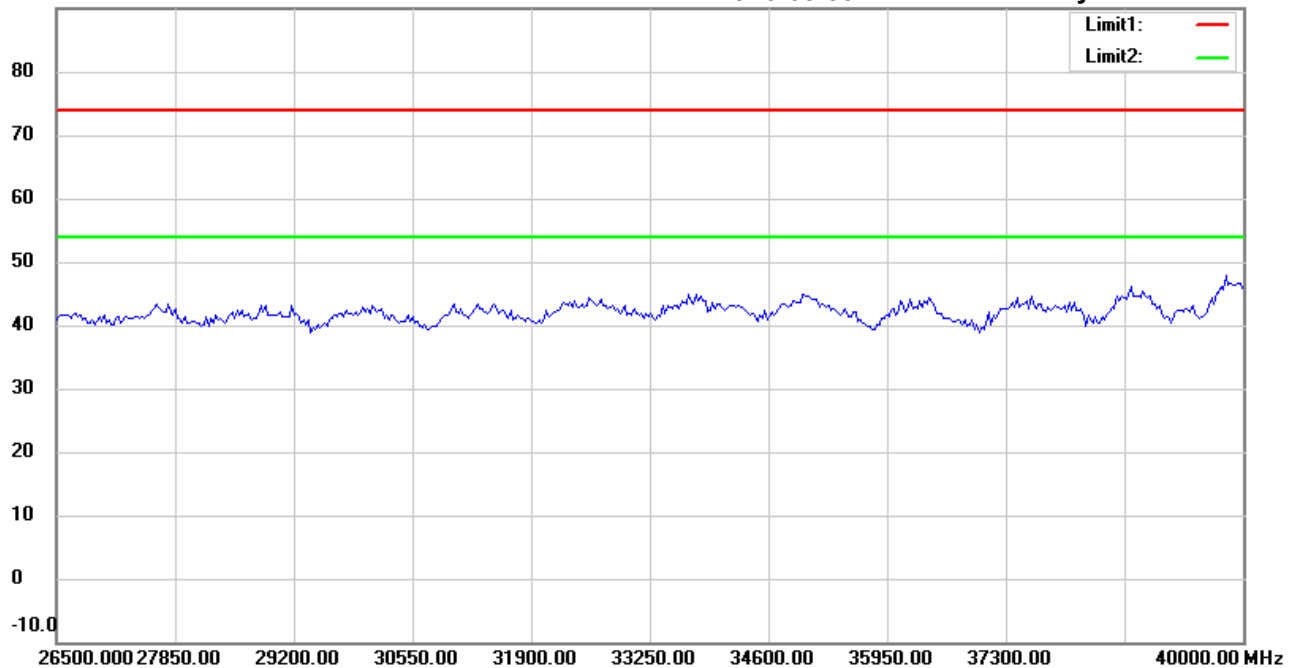
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 3:08:35 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #12

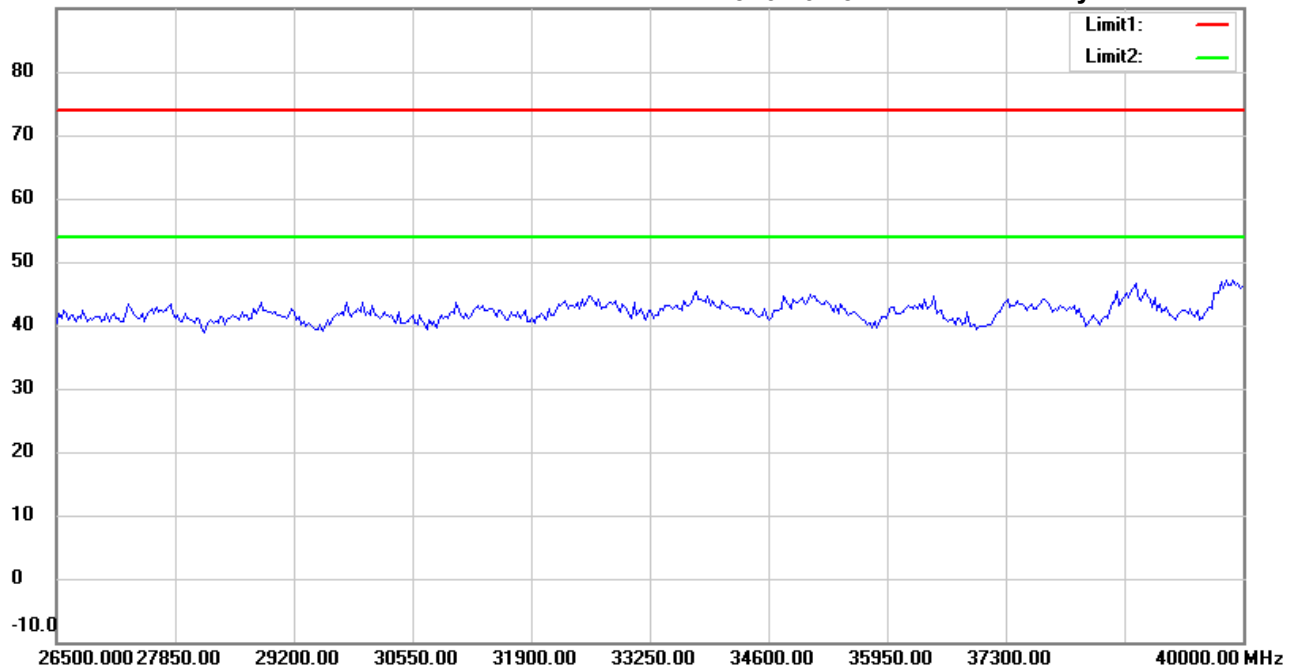
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:13:18 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
Fax:+886-2-6606-8875

### Radiated Emission Measurement

Operator: Allen

File :3

Data :#1

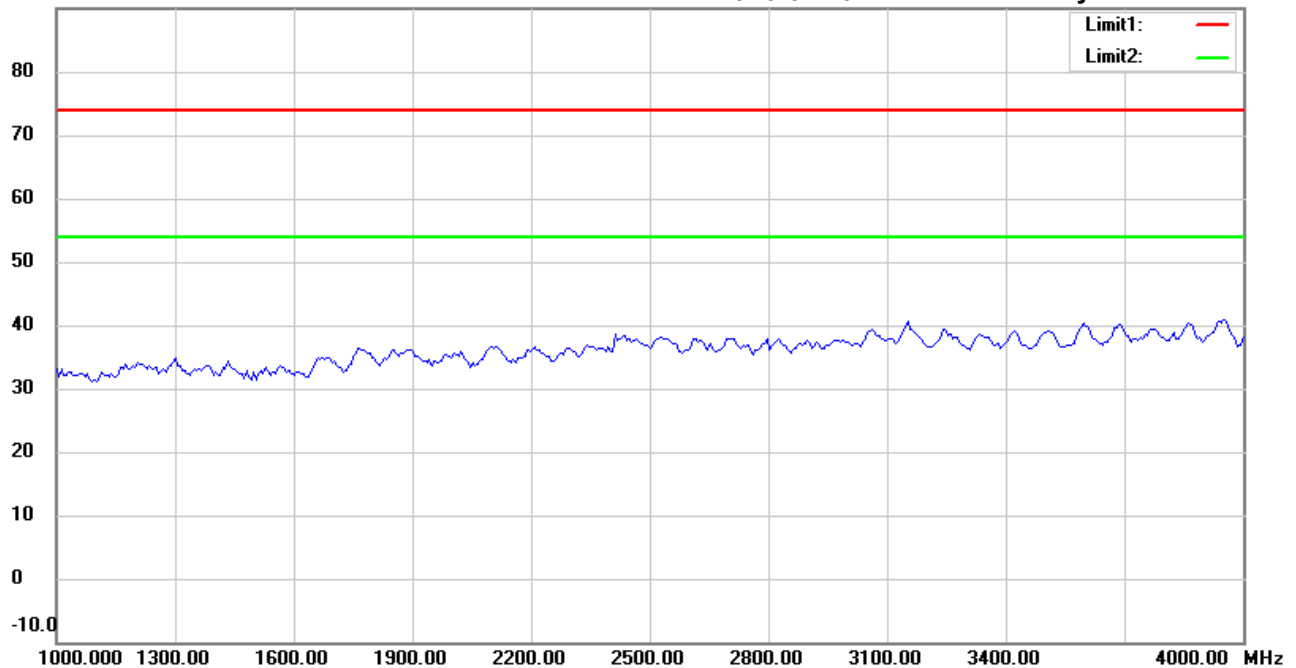
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 3:32:19 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

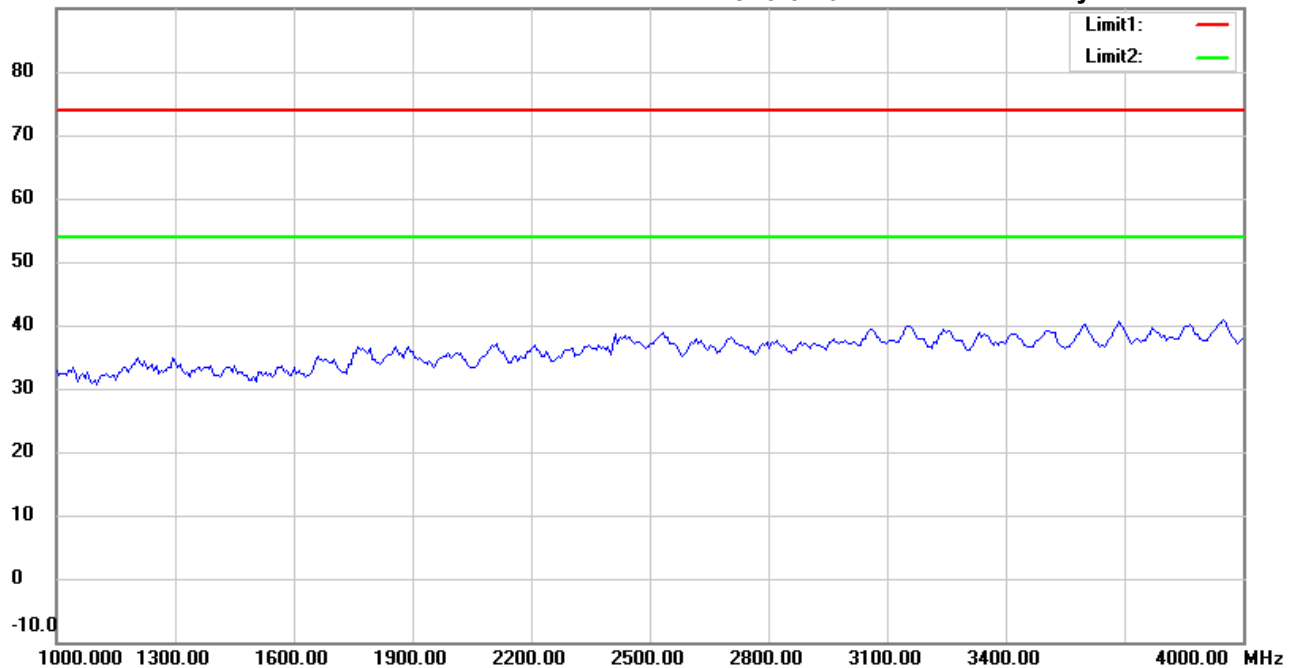
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 3:37:02 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#2

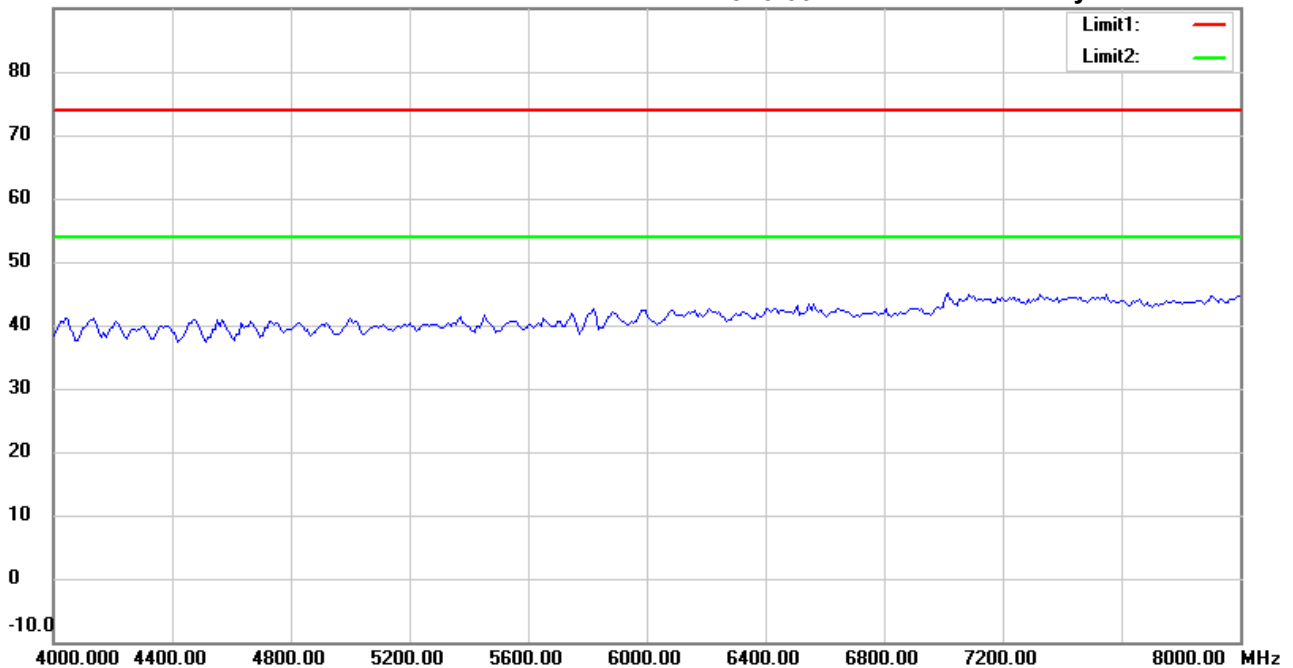
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 3:33:21 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

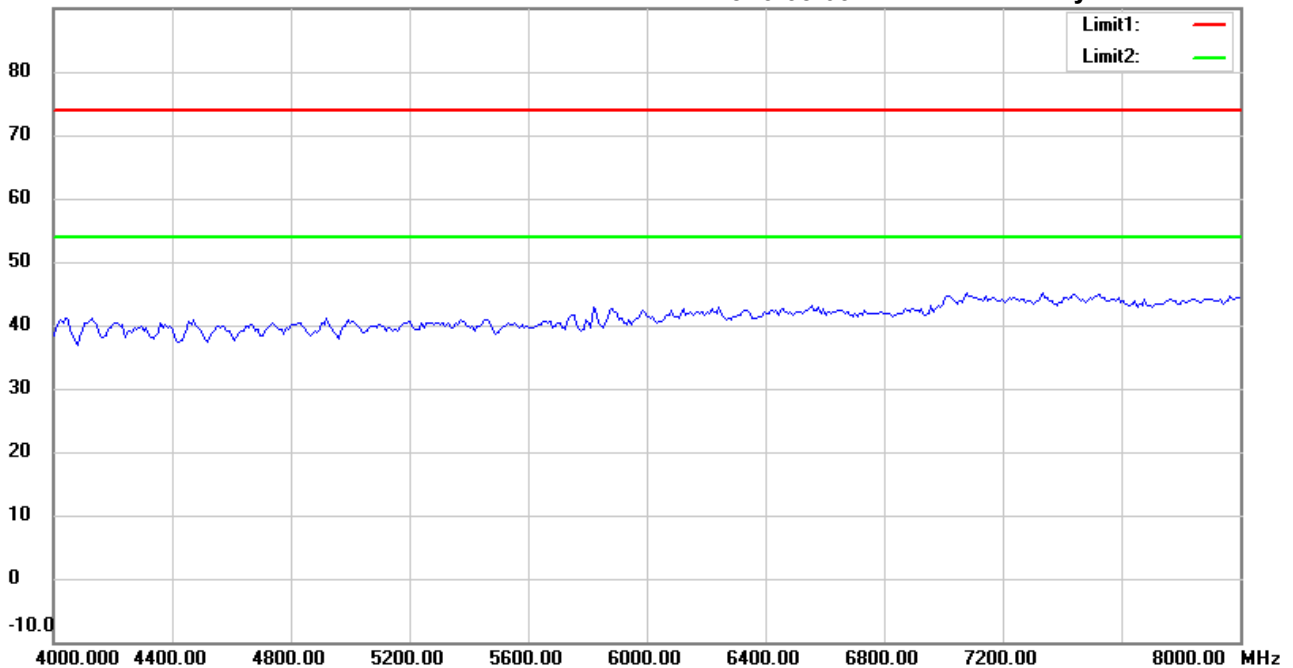
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 3:38:03 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

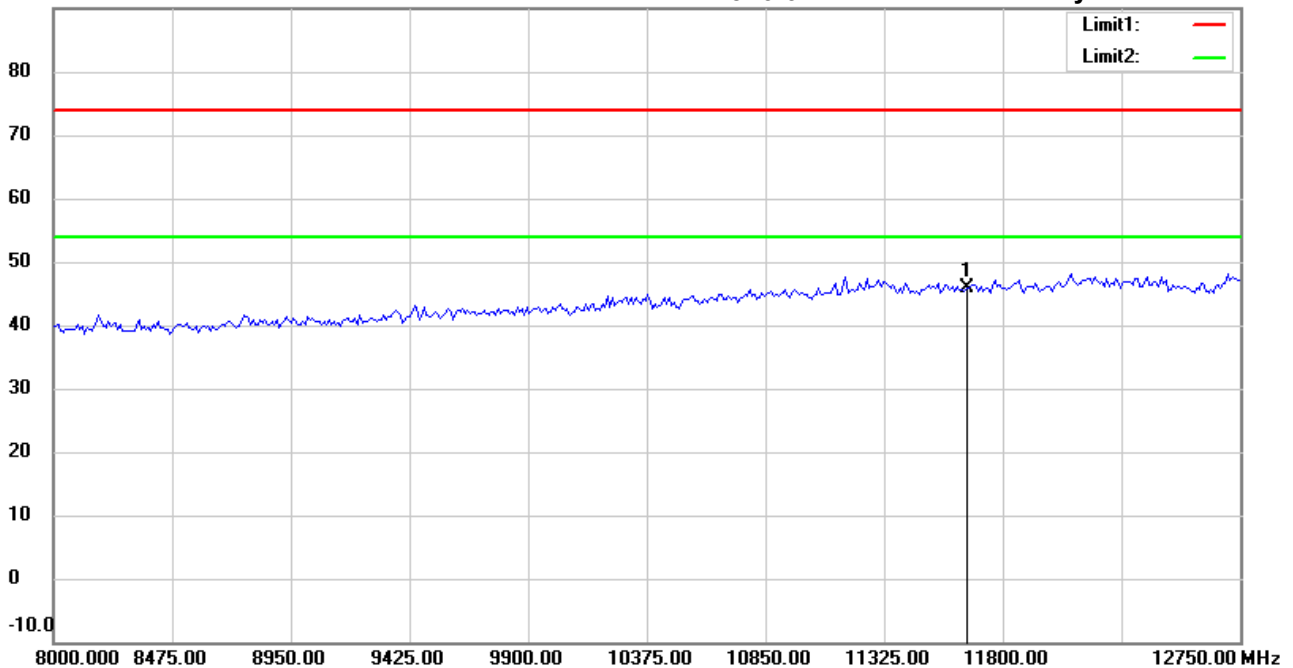
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:34:27 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11650.000       | 34.88          | peak     | 10.97               | 45.85           | 74.00          | 150          | 345            | -28.15      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #9

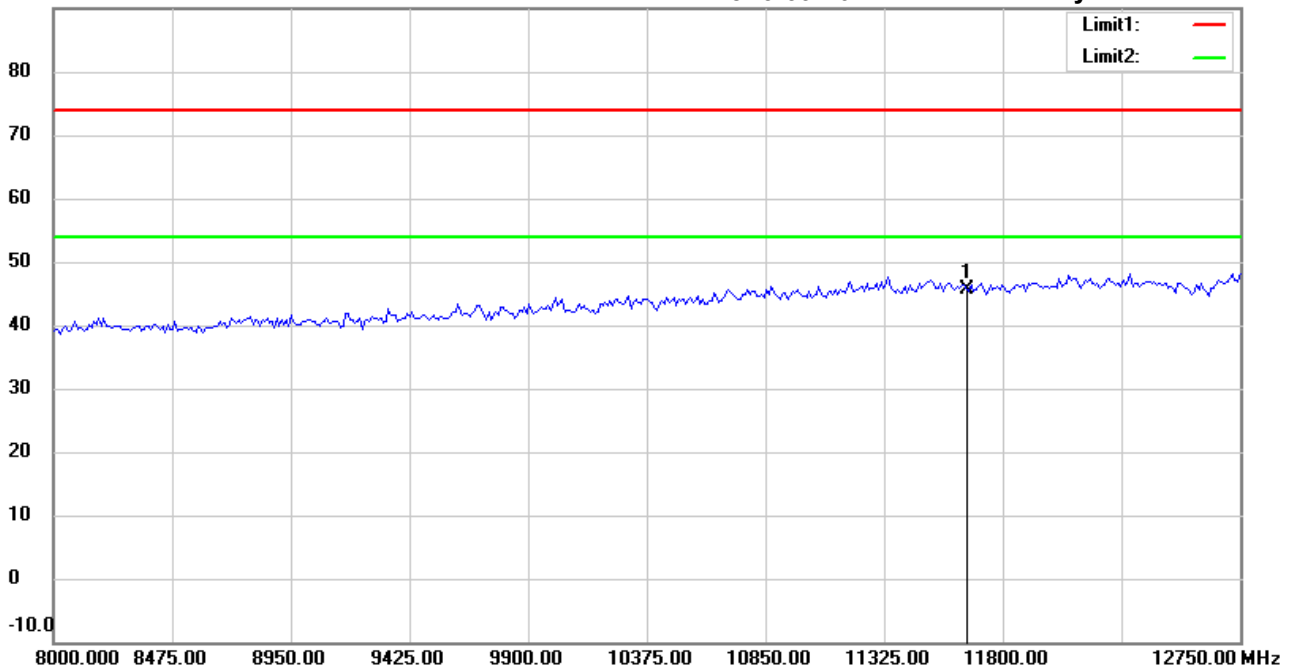
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:39:10 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11650.000       | 34.55          | peak     | 10.97               | 45.52           | 74.00          | 150          | 75             | -28.48      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

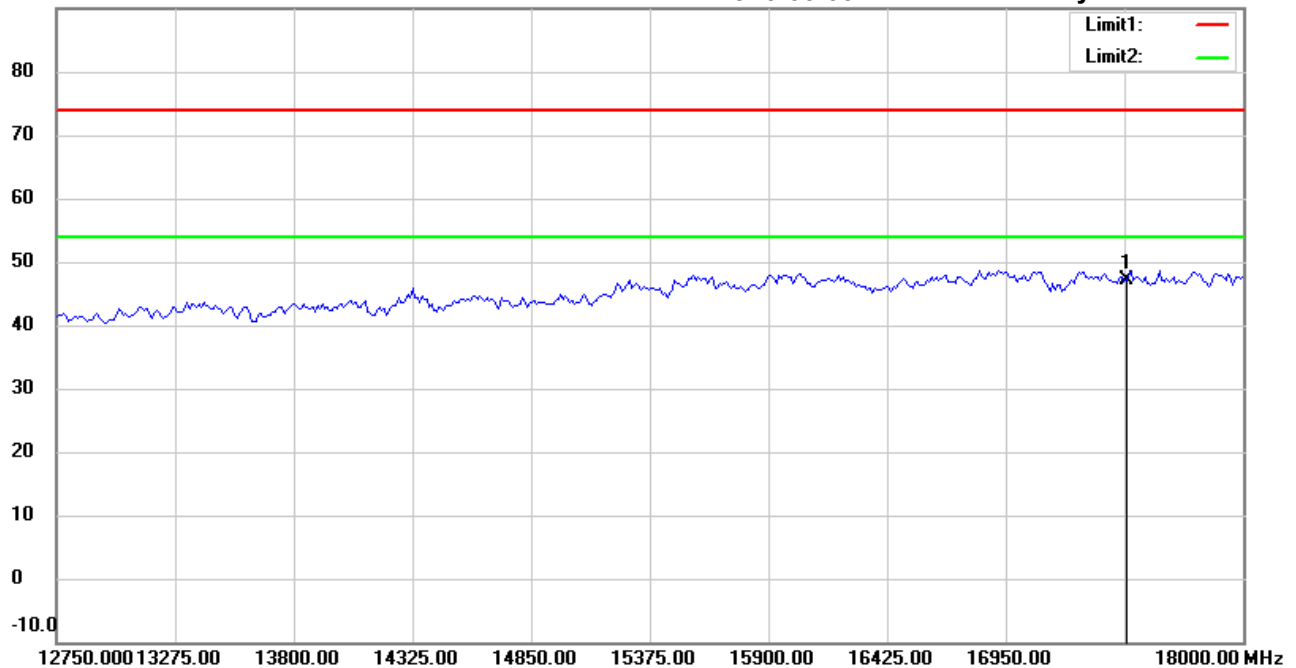
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:35:35 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17475.000       | 26.87          | peak     | 20.33               | 47.20           | 74.00          | 150          | 100            | -26.80      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #10

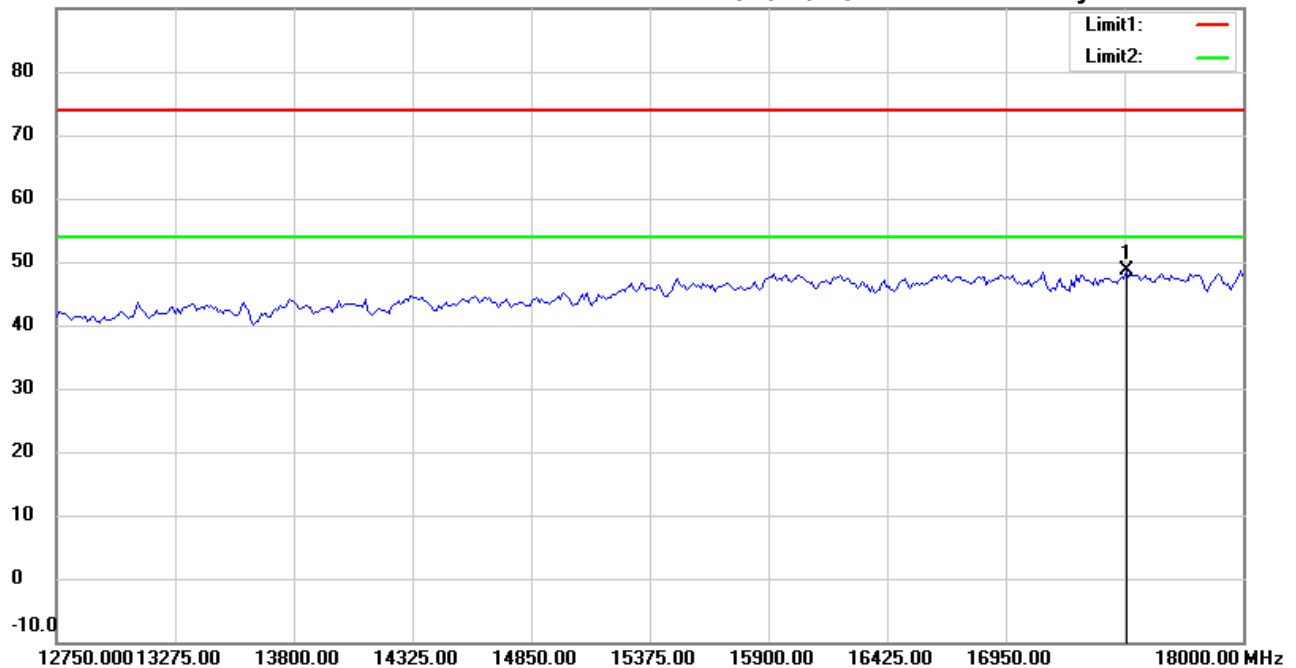
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:40:18 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17475.000       | 28.23          | peak     | 20.33               | 48.56           | 74.00          | 150          | 310            | -25.44      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #5

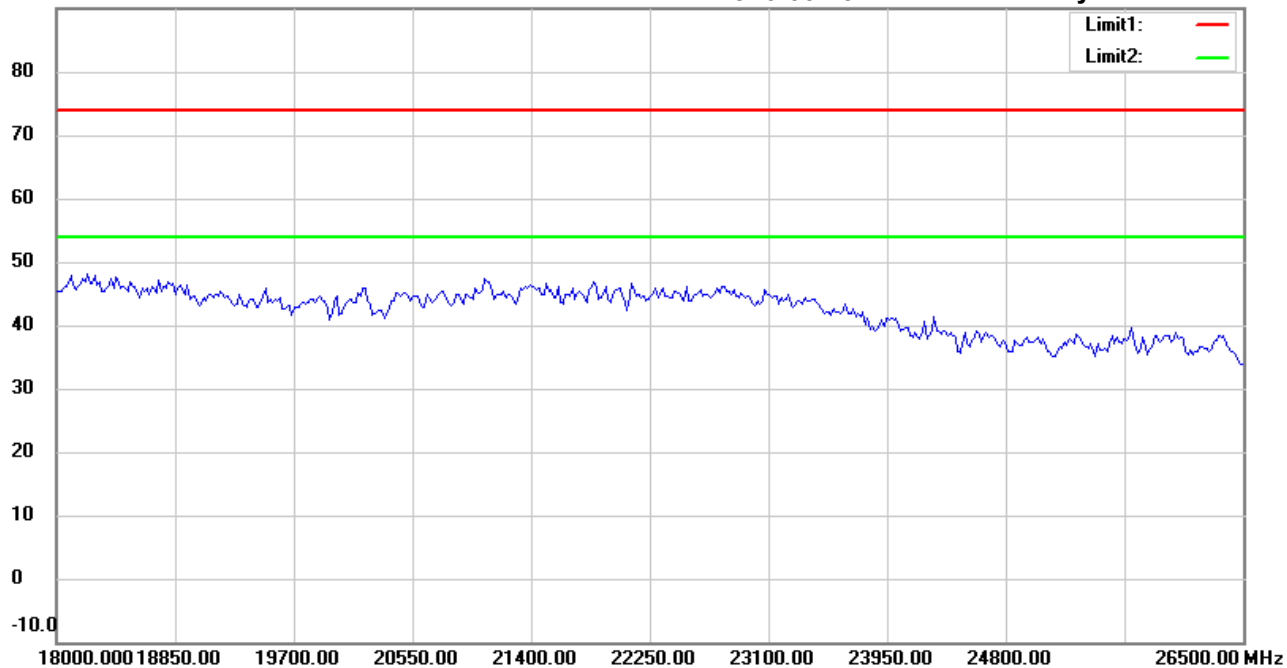
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:35:45 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #11

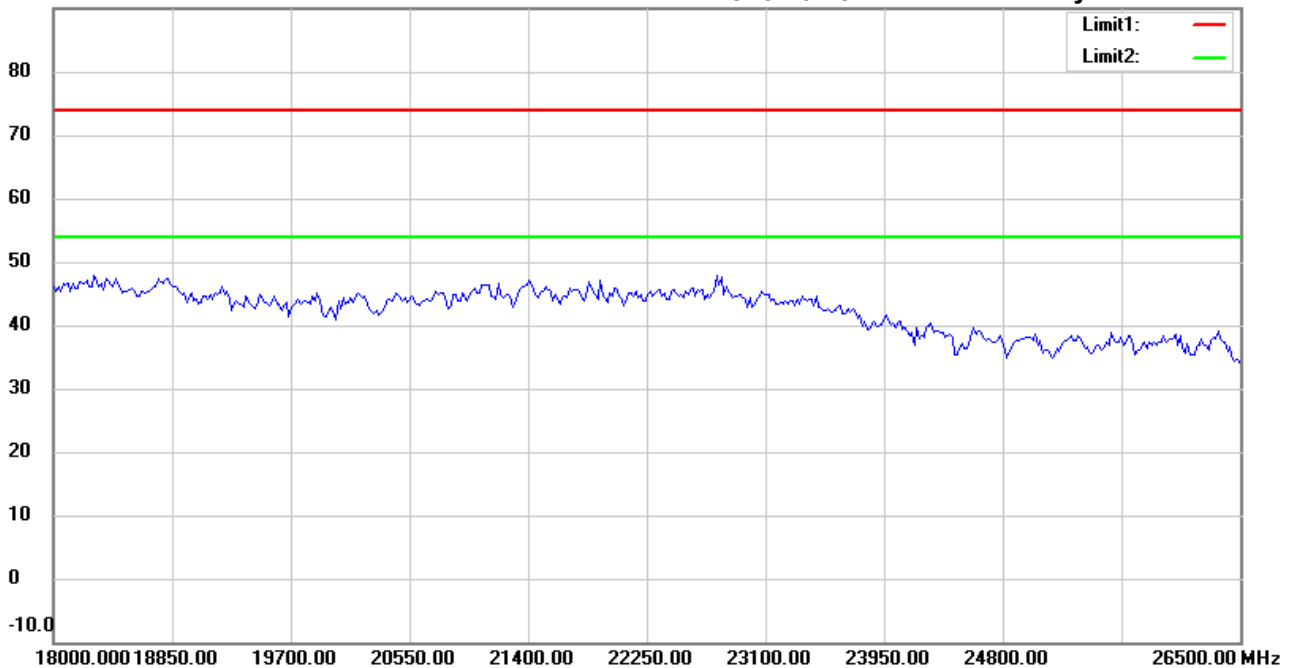
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:40:28 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #6

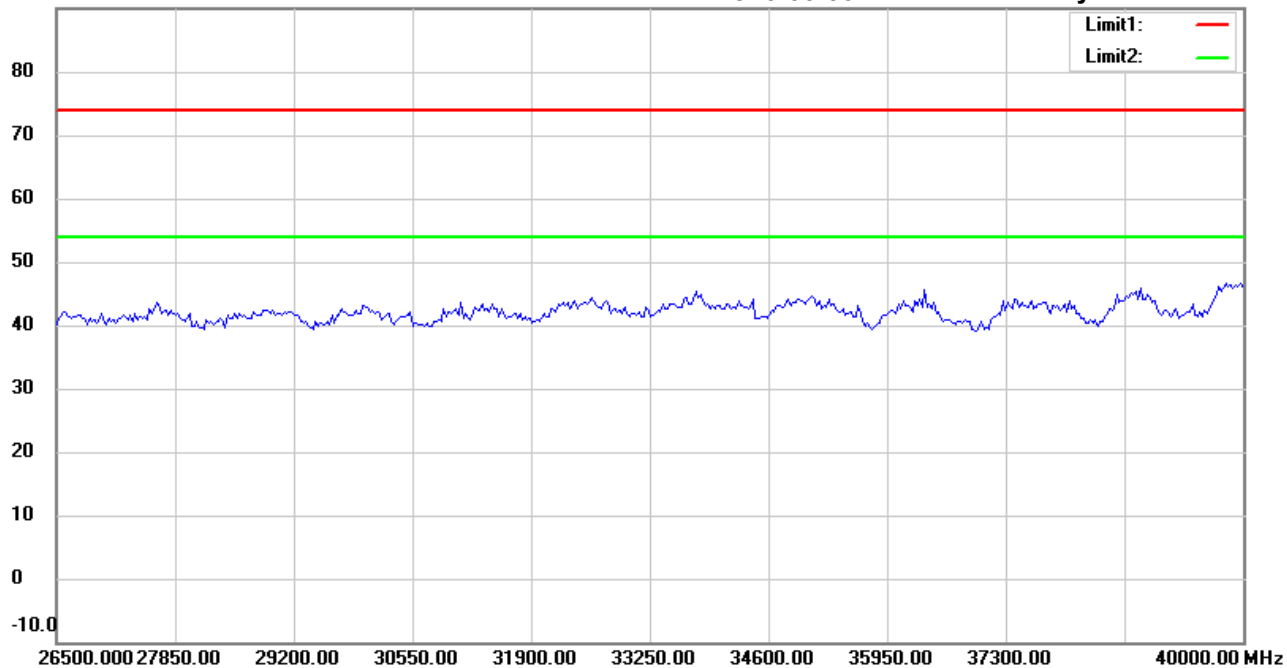
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:35:56 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #12

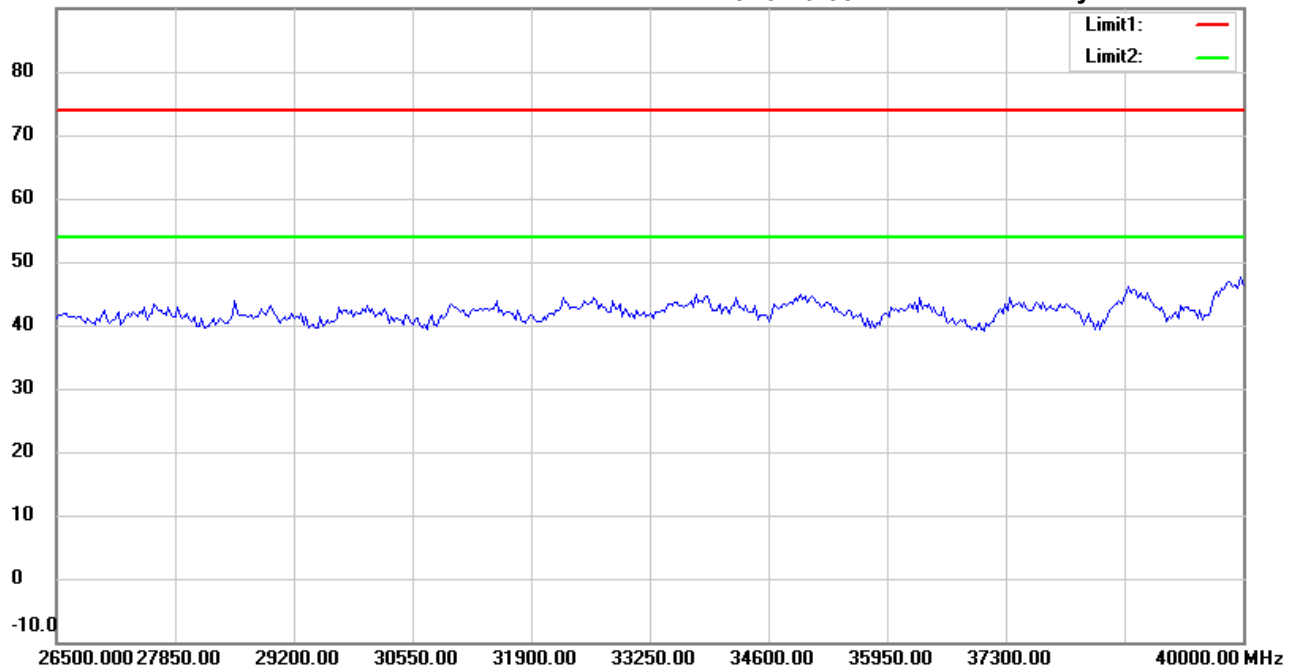
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:40:38 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
 Tel: +886-2-6606-8877  
 Fax: +886-2-6606-8875

## Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

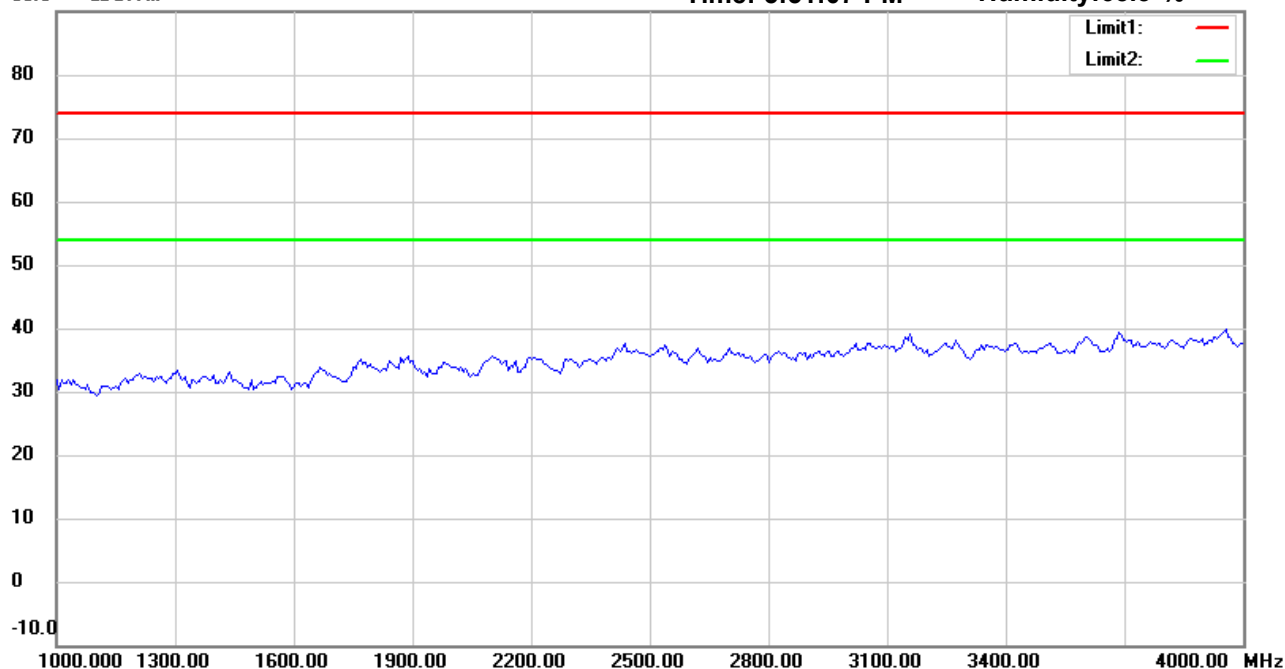
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:51:07 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6M21911-19475

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH36

Note :

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

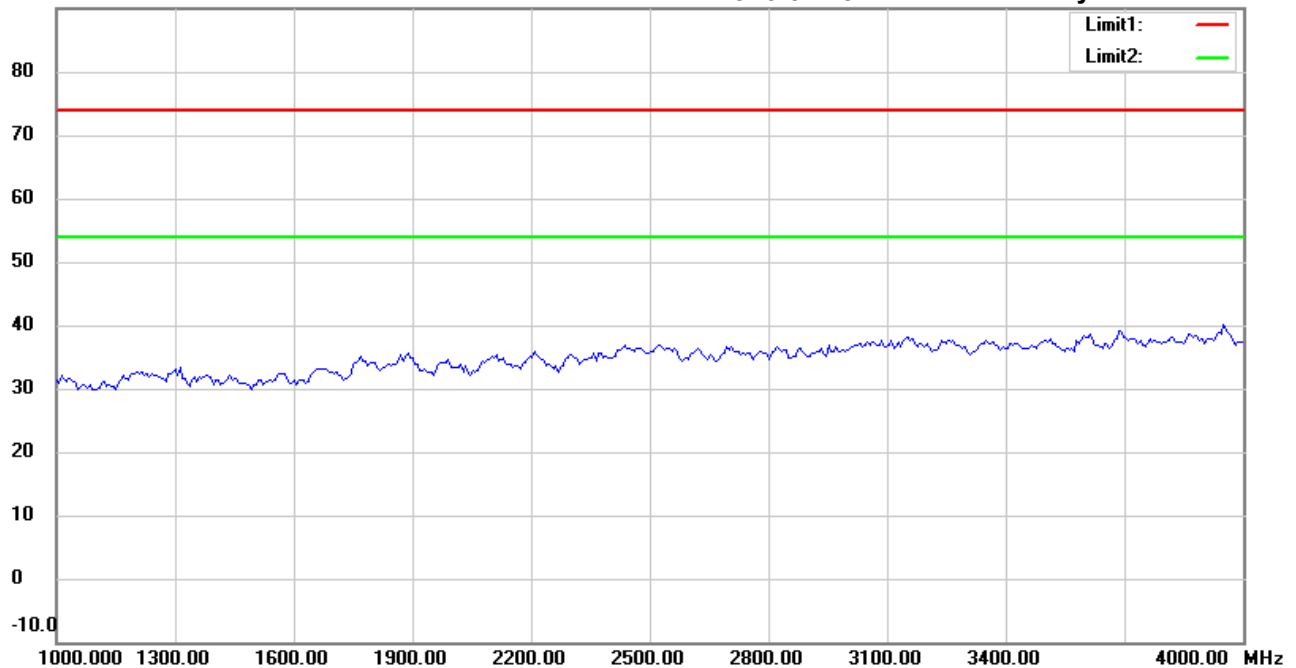
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 5:57:48 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

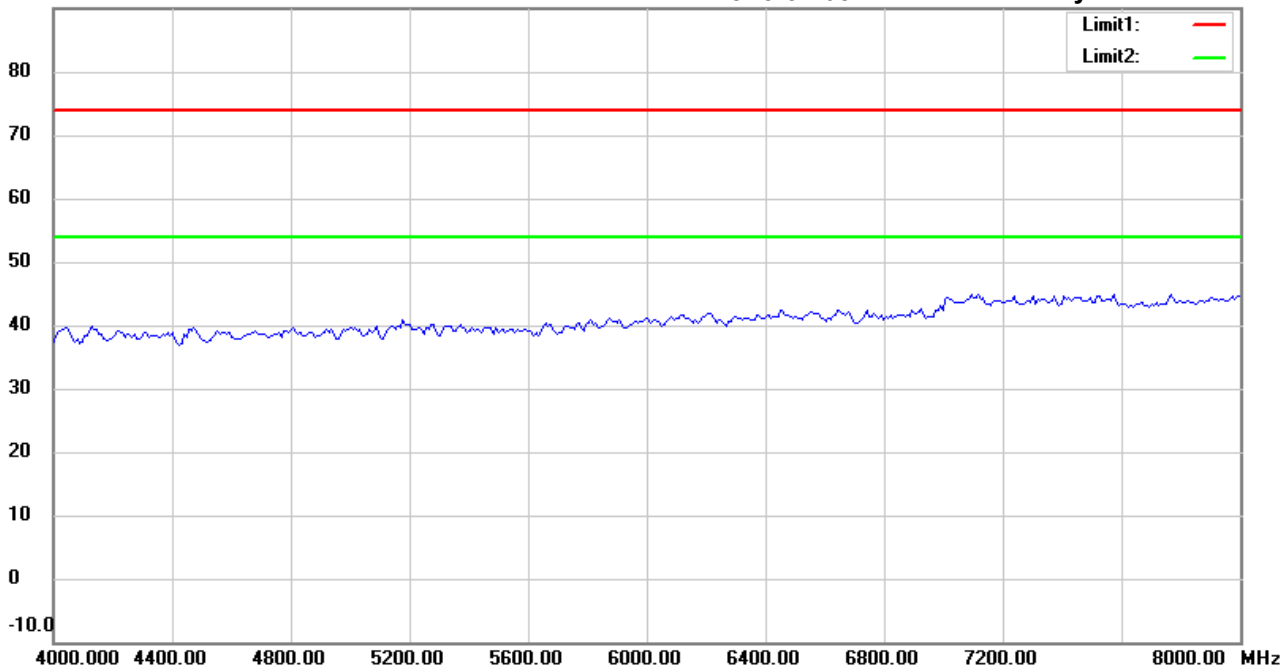
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:52:08 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

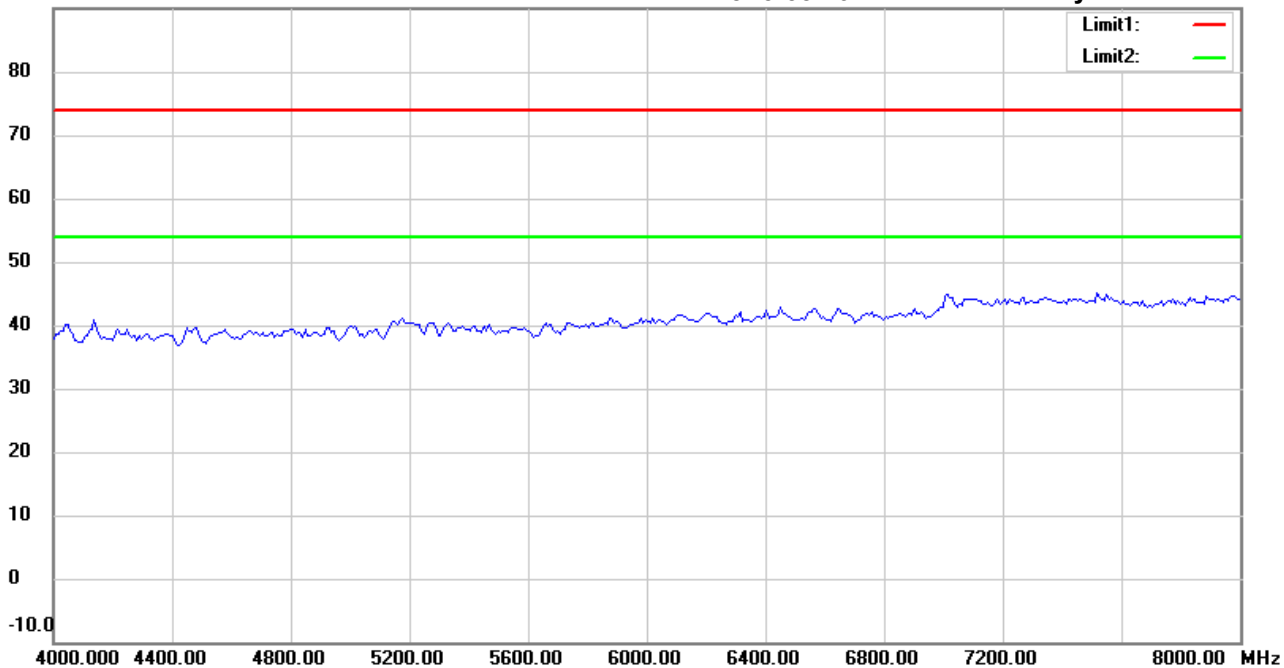
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:58:49 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

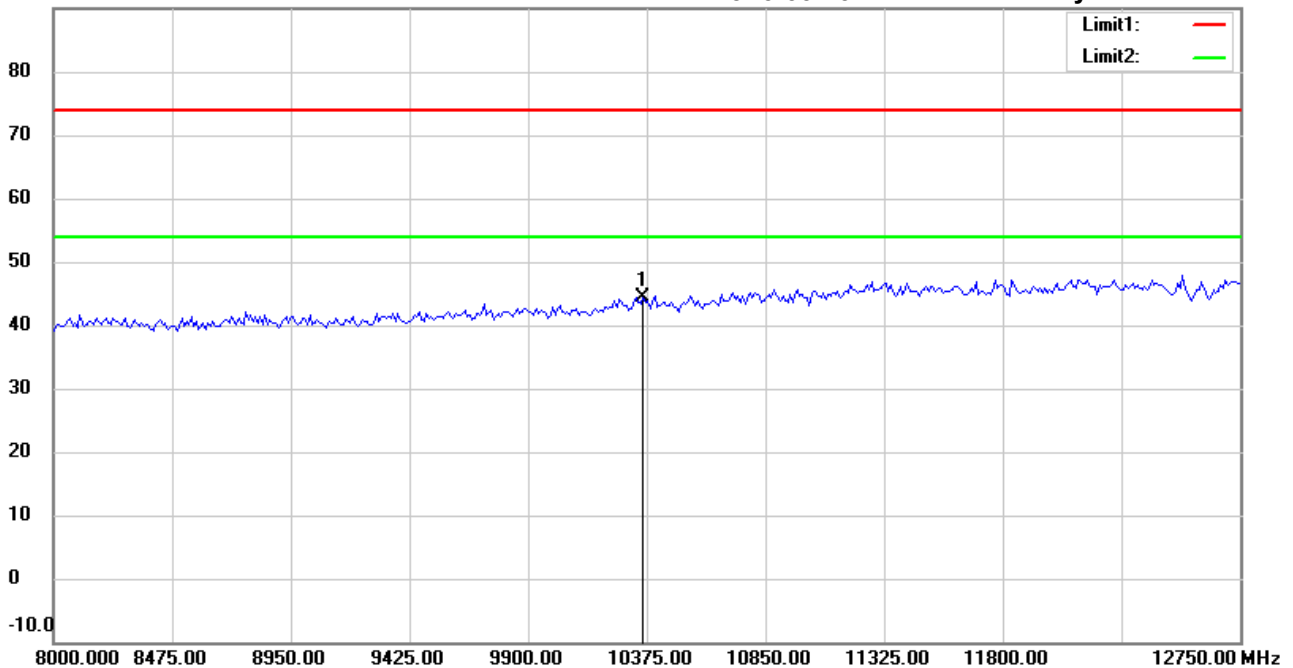
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:55:15 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10360.000       | 36.04          | peak     | 8.23                | 44.27           | 74.00          | 150          | 135            | -29.73      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

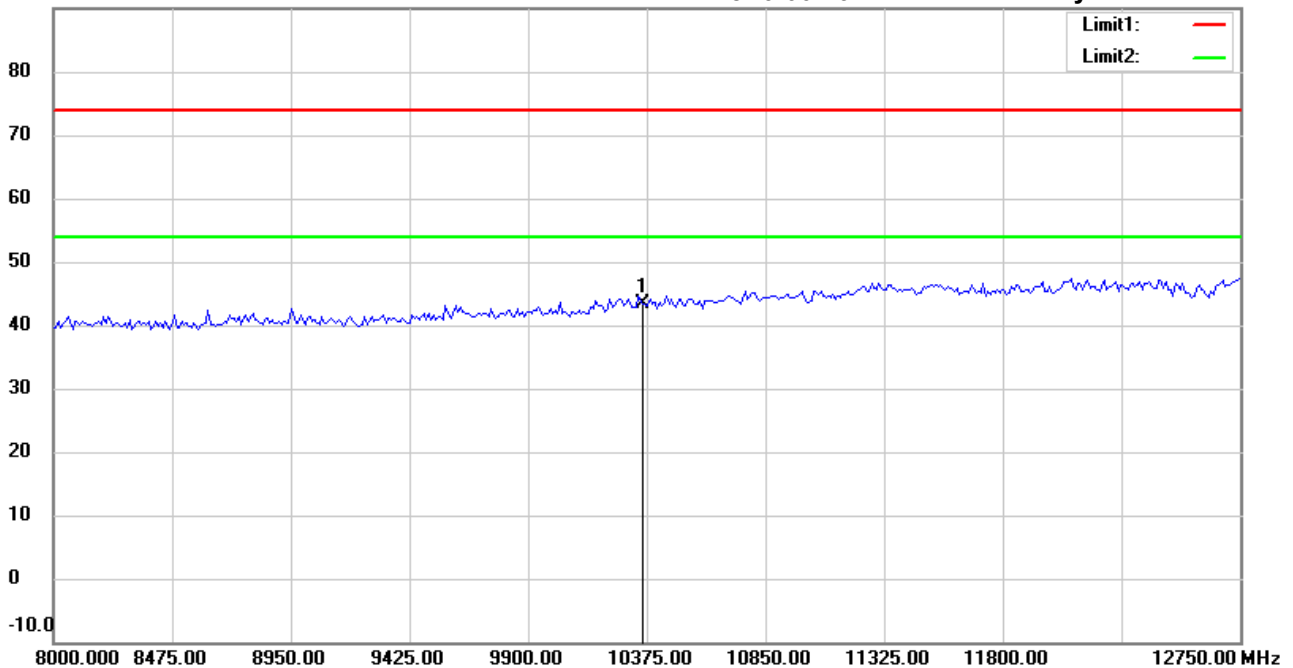
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:00:29 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10360.000       | 35.10          | peak     | 8.23                | 43.33           | 74.00          | 150          | 73             | -30.67      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

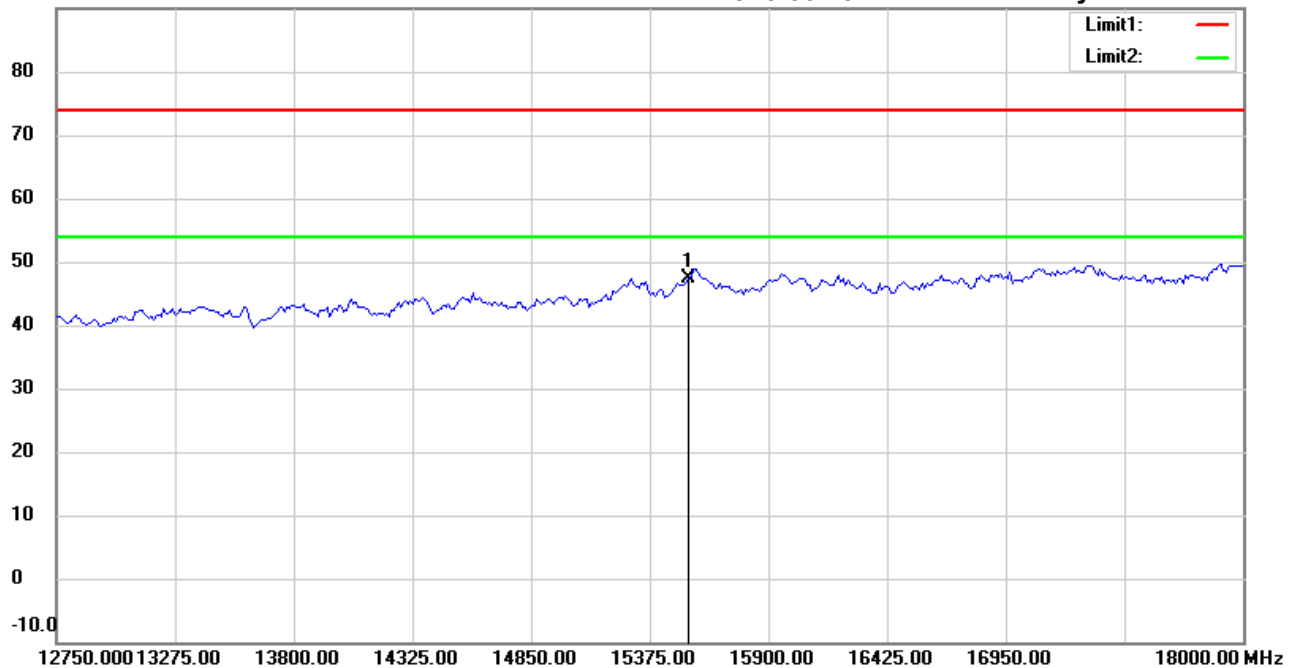
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:56:25 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15540.000       | 28.51          | peak     | 18.95               | 47.46           | 74.00          | 150          | 70             | -26.54      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

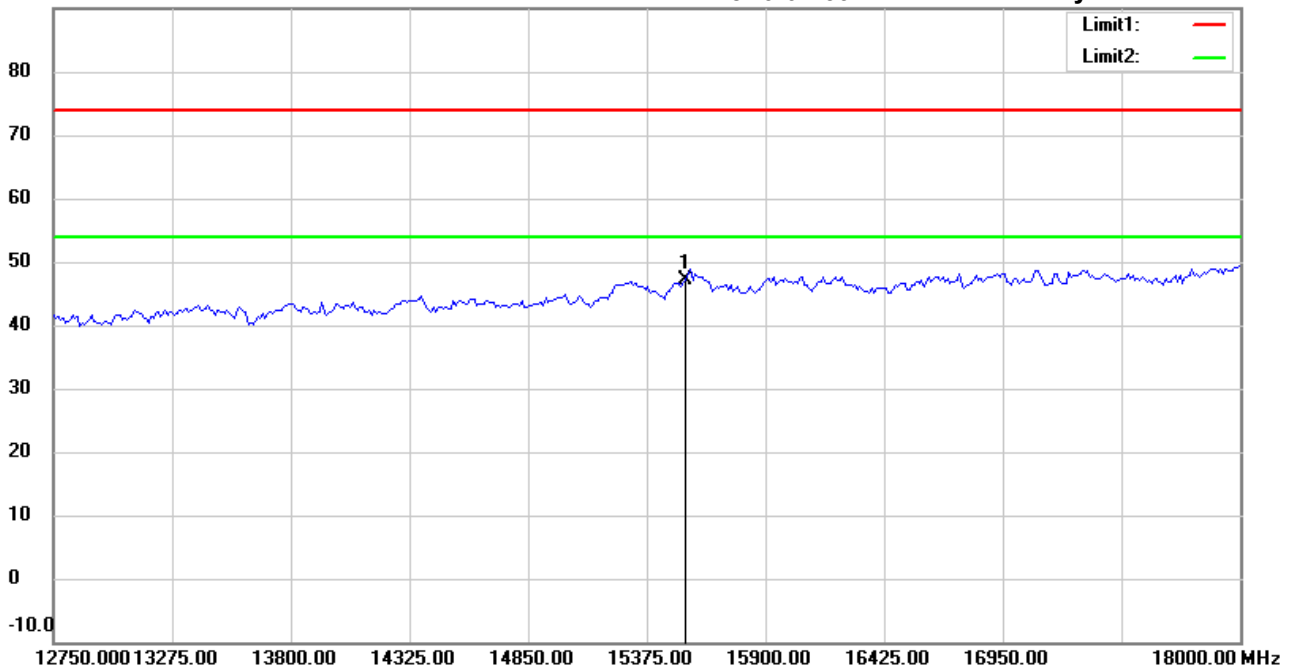
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:01:39 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15540.000       | 28.11          | peak     | 18.95               | 47.06           | 74.00          | 150          | 136            | -26.94      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

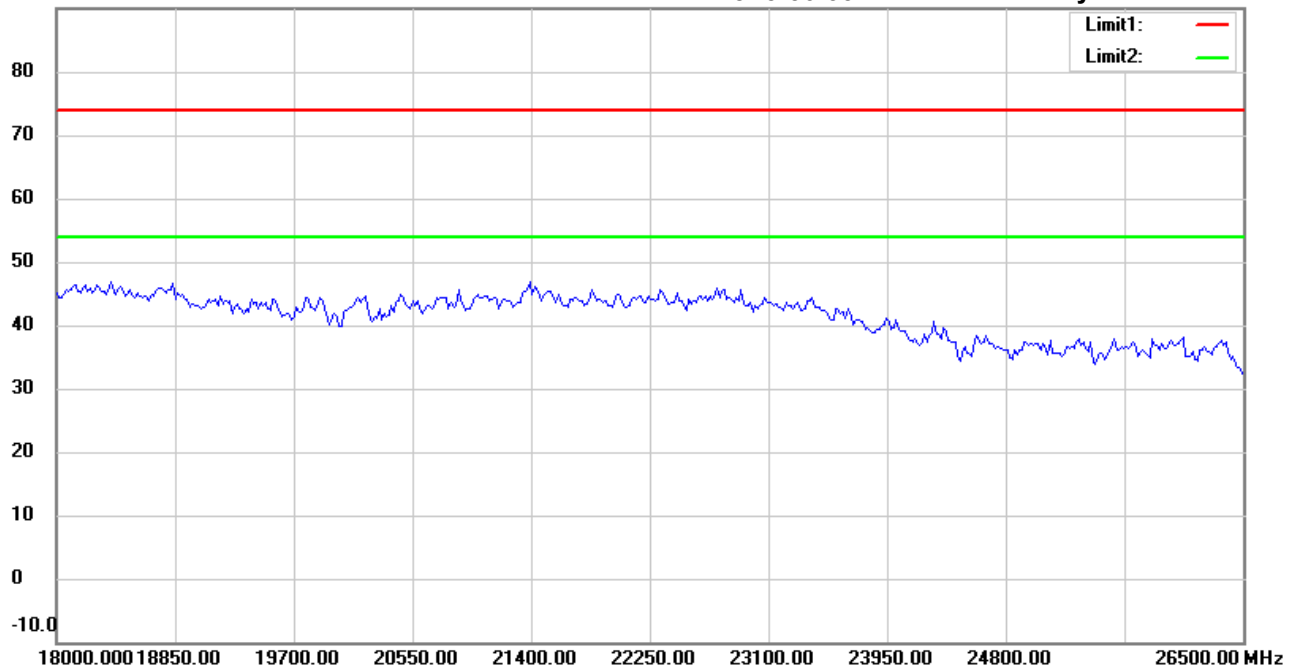
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:56:35 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #11

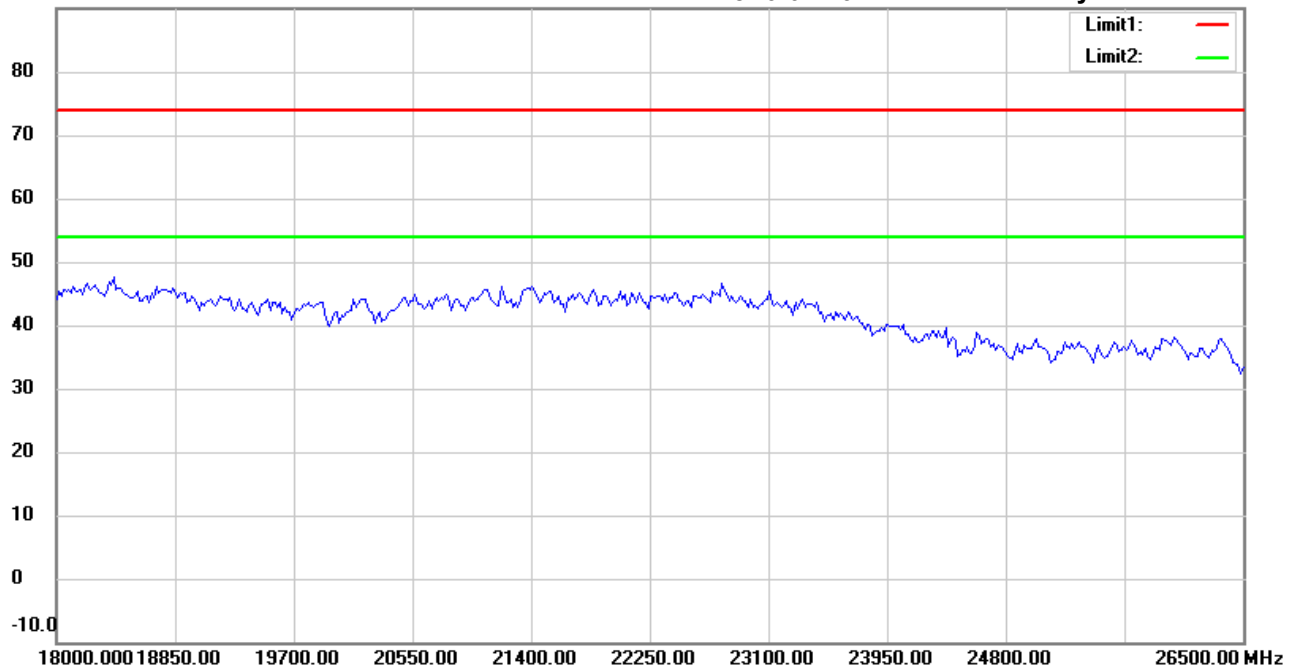
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:01:49 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

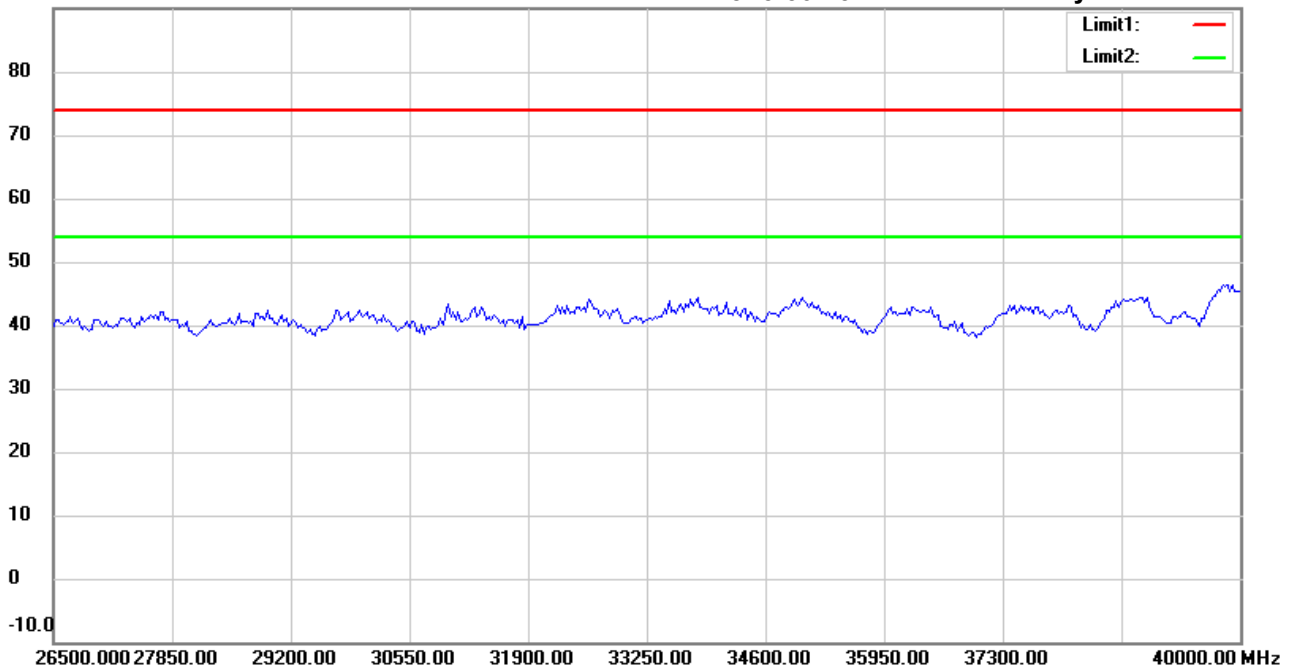
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 5:56:45 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :3

Data :#12

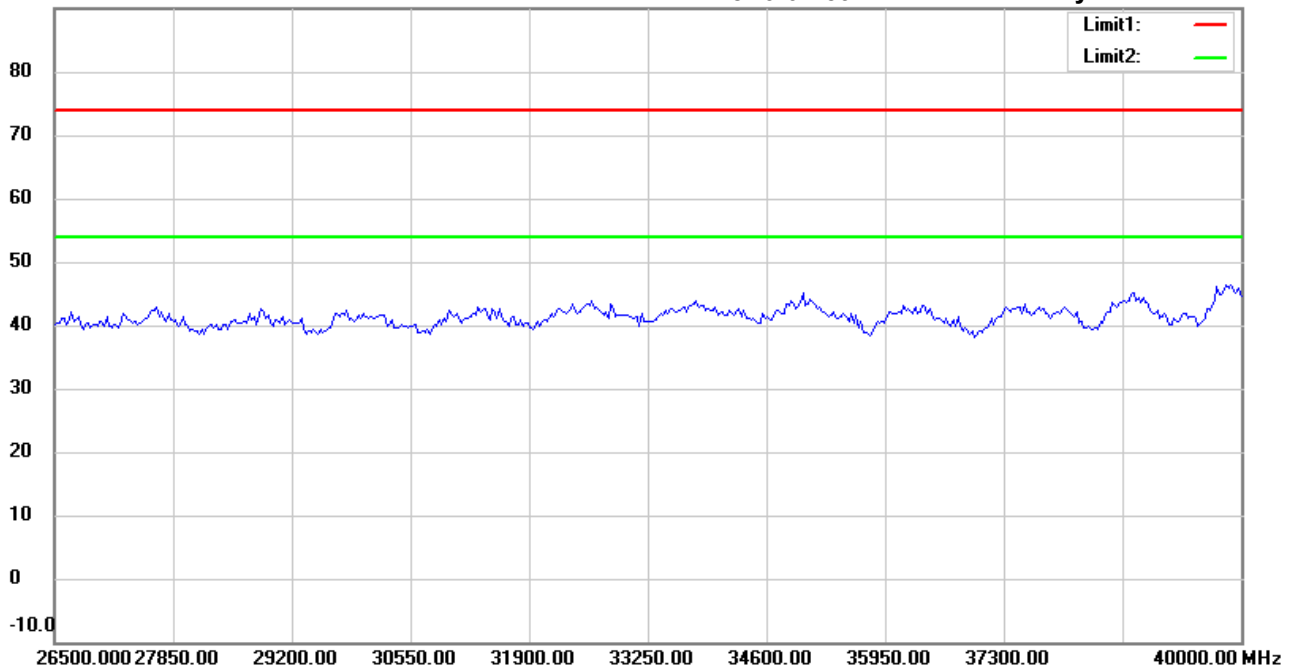
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:01:59 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

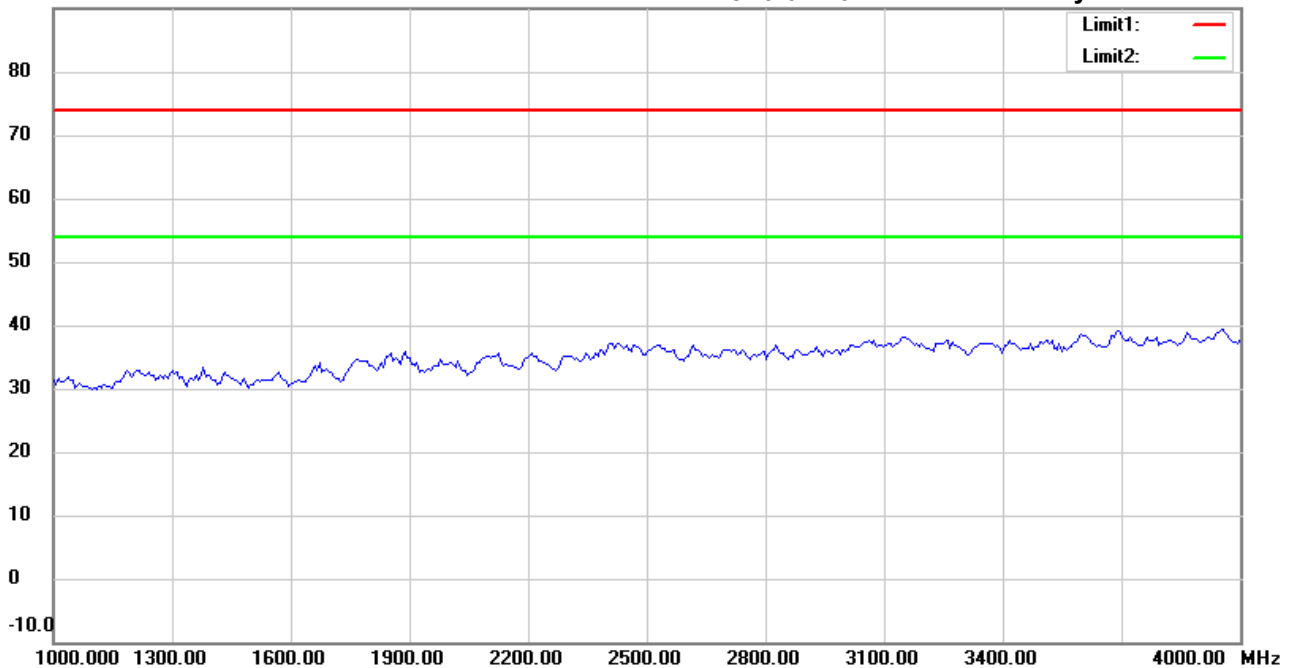
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:07:20 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
Fax:+886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

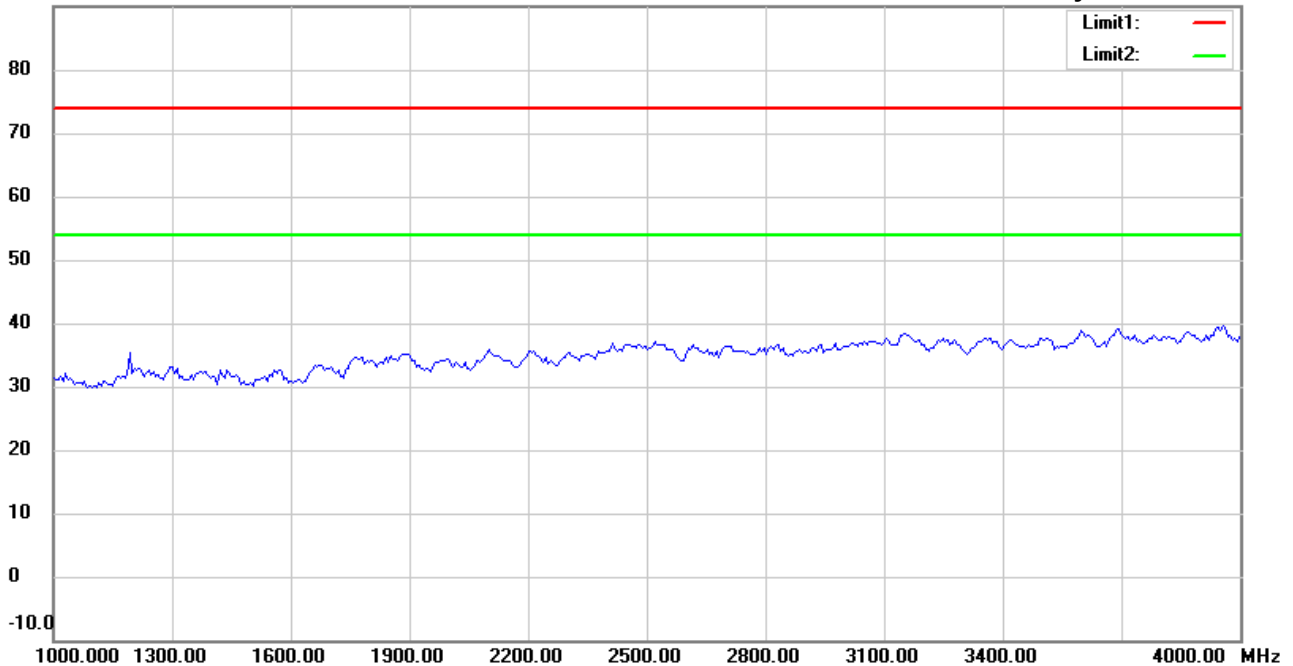
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:12:17 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

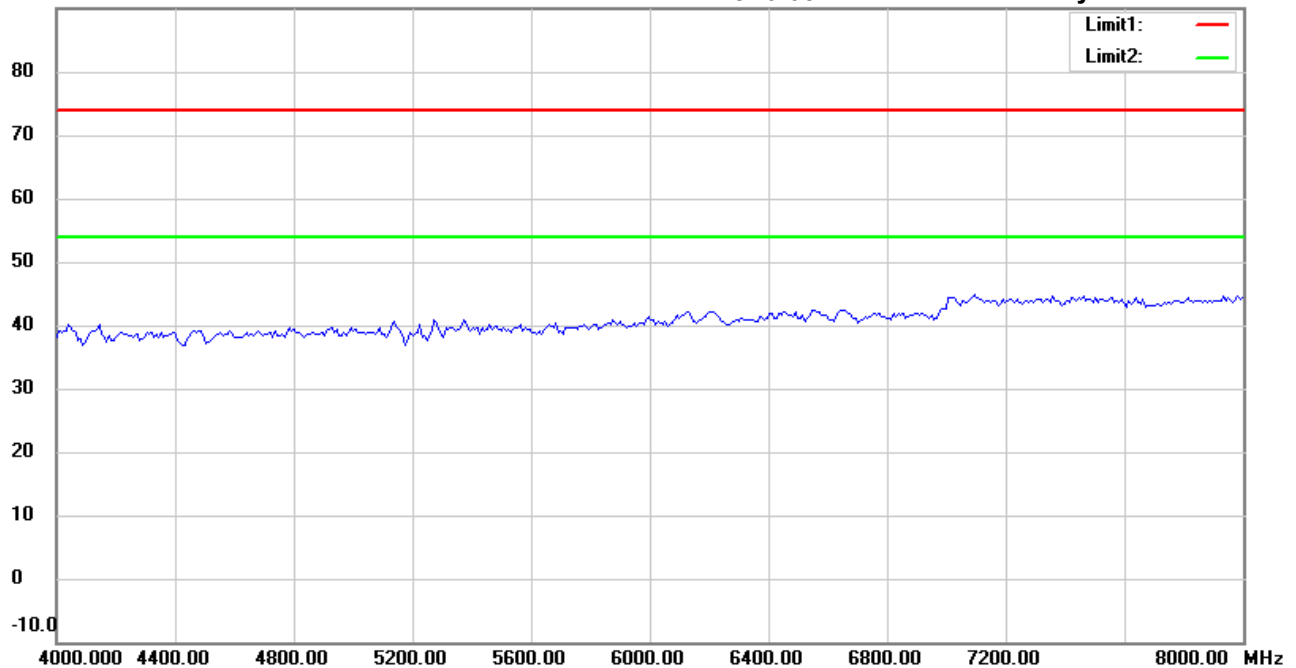
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:08:21 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

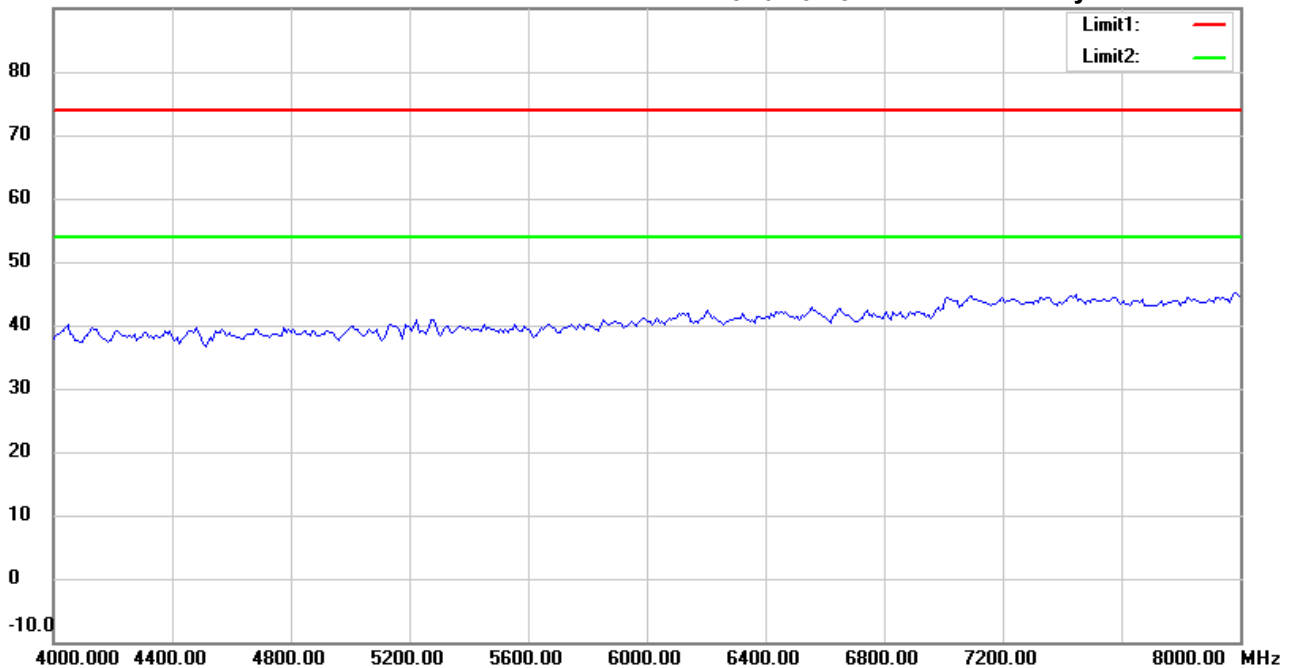
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:13:18 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

### Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

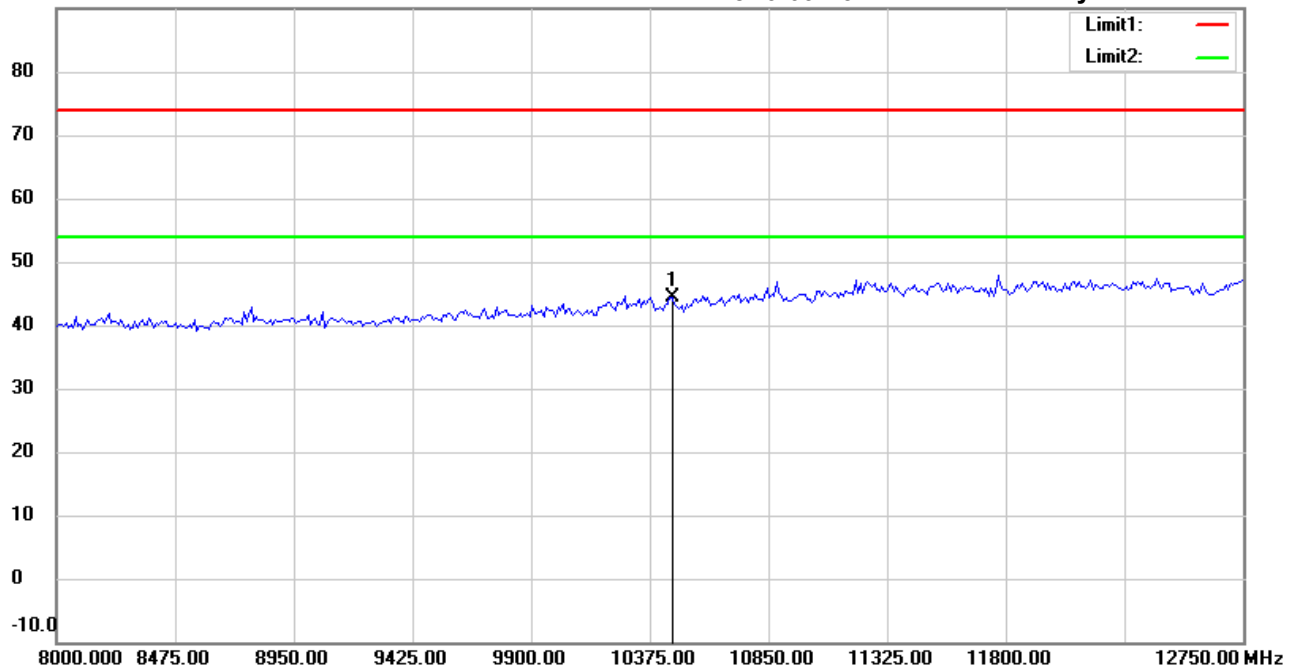
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:09:43 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10455.912       | 36.10          | peak     | 8.38                | 44.48           | 74.00          | 150          | 72             | -29.52      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

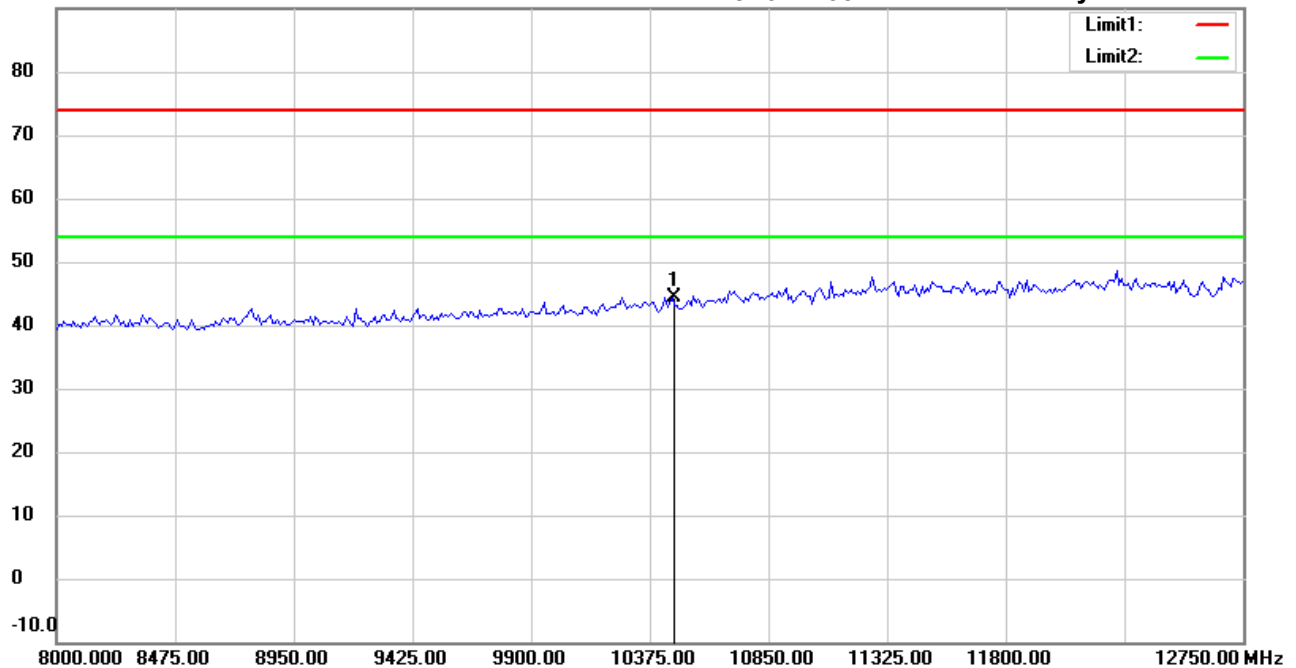
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:14:35 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10465.431       | 36.09          | peak     | 8.41                | 44.50           | 74.00          | 150          | 176            | -29.50      |         |

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
Fax:+886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

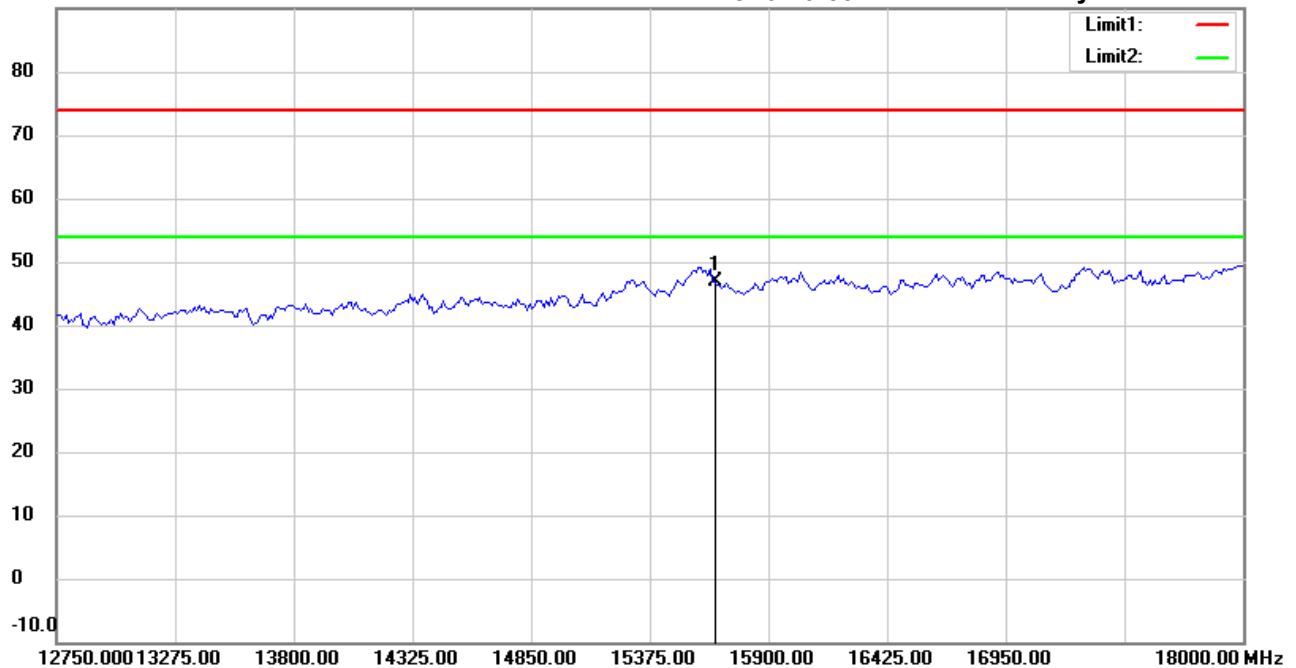
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:10:53 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15660.000       | 28.58          | peak     | 18.33               | 46.91           | 74.00          | 150          | 236            | -27.09      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

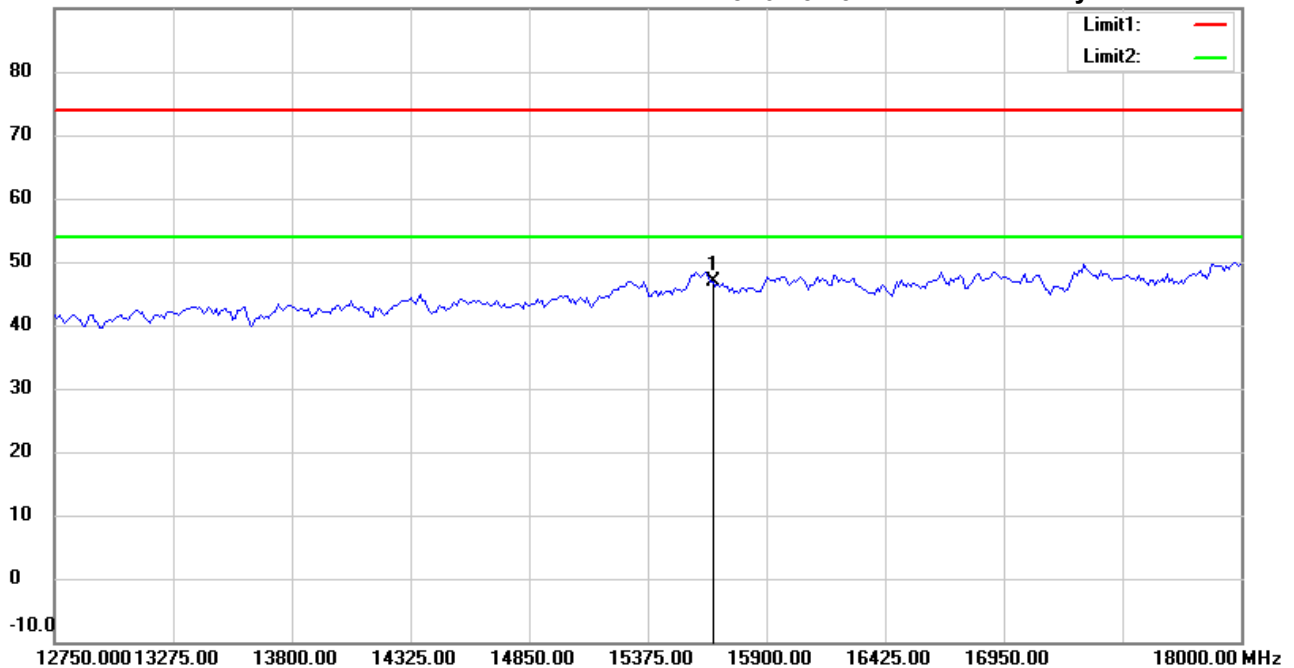
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:15:45 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15660.000       | 28.44          | peak     | 18.33               | 46.77           | 74.00          | 150          | 90             | -27.23      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

### Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

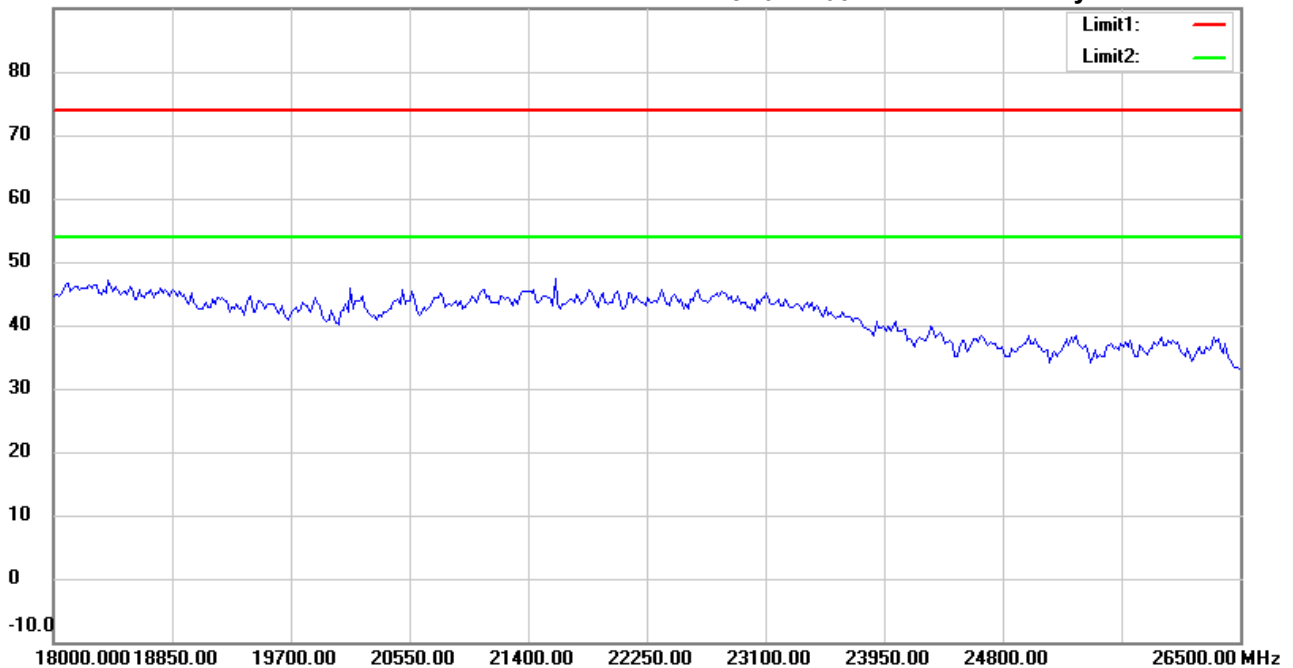
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:11:03 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
Fax:+886-2-6606-8875

### Radiated Emission Measurement

Operator: Leon

File :3

Data :#11

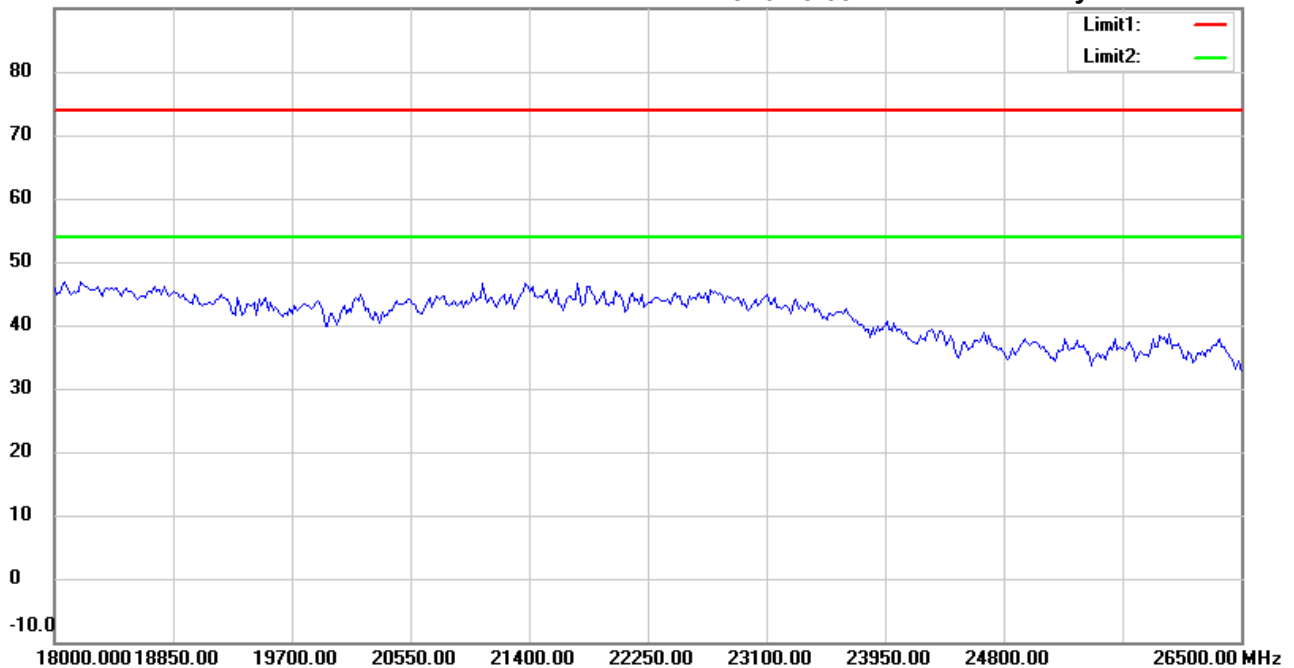
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:15:55 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
Fax:+886-2-6606-8875

### Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

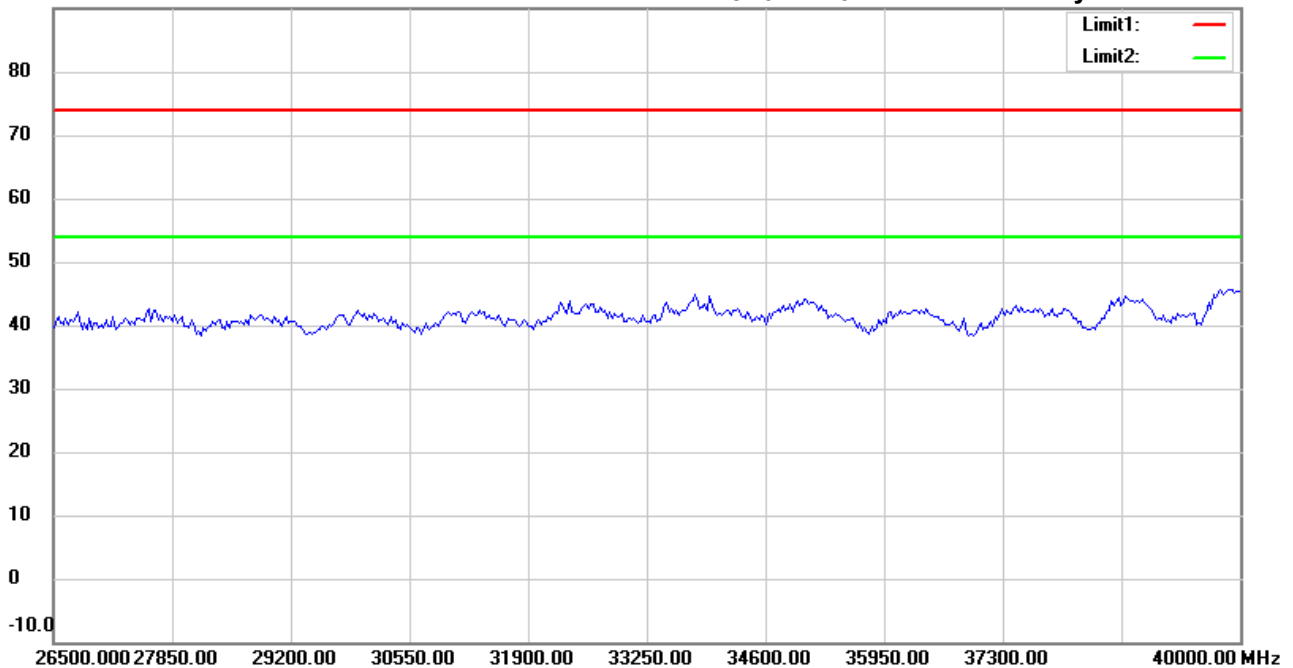
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:11:13 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #12

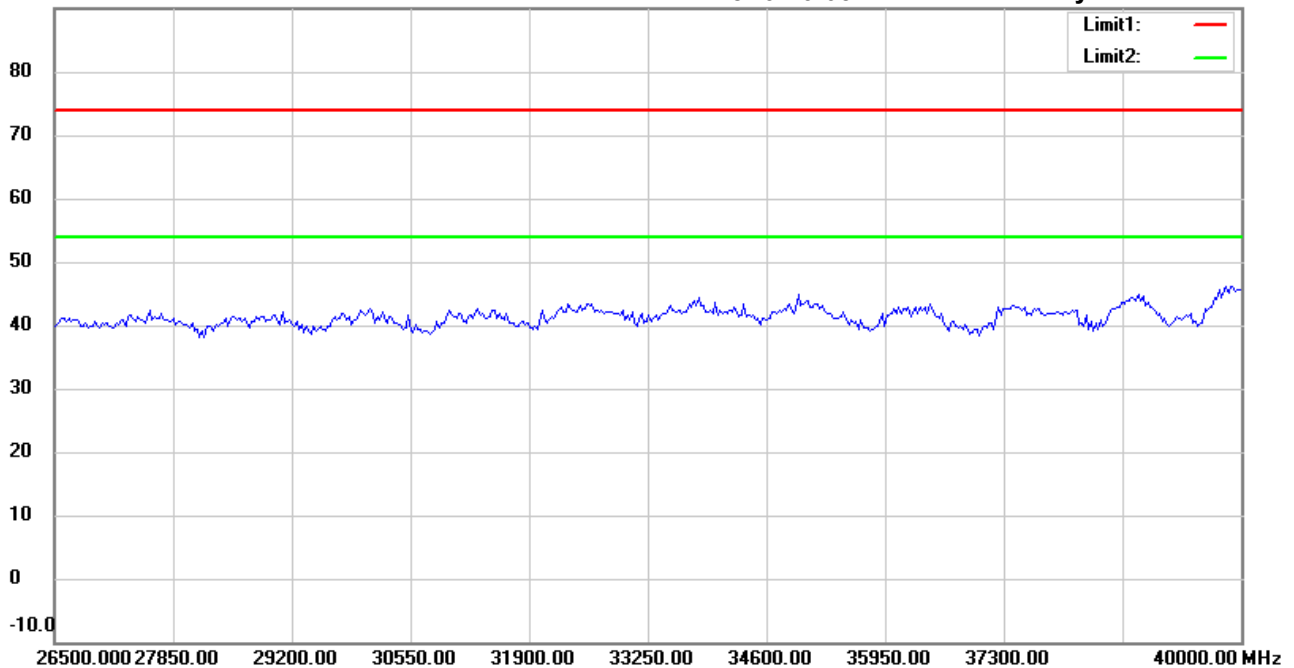
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:16:05 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH44

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

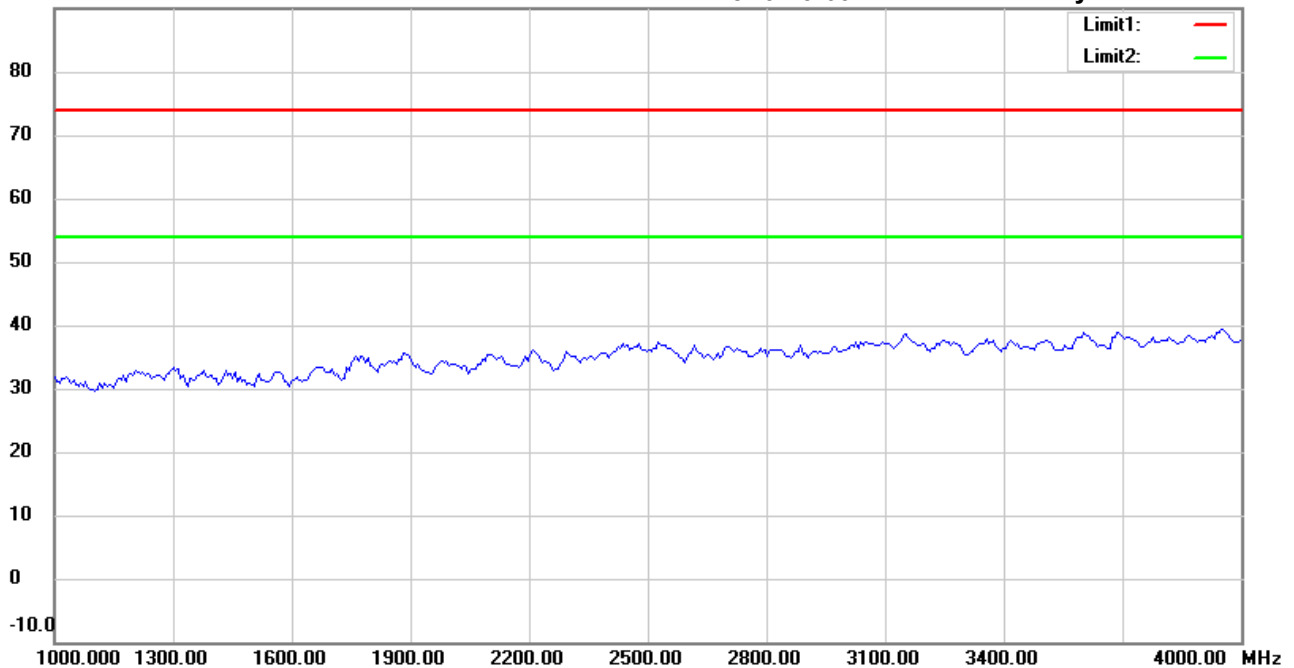
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:23:09 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

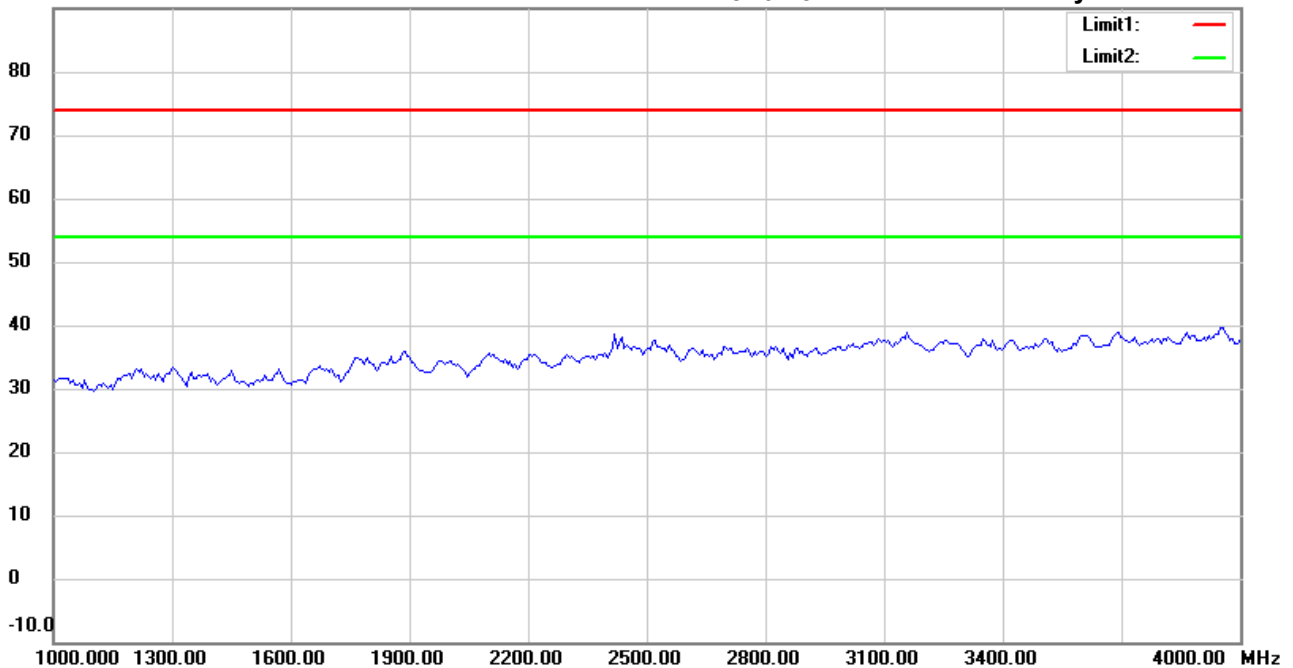
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:28:11 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

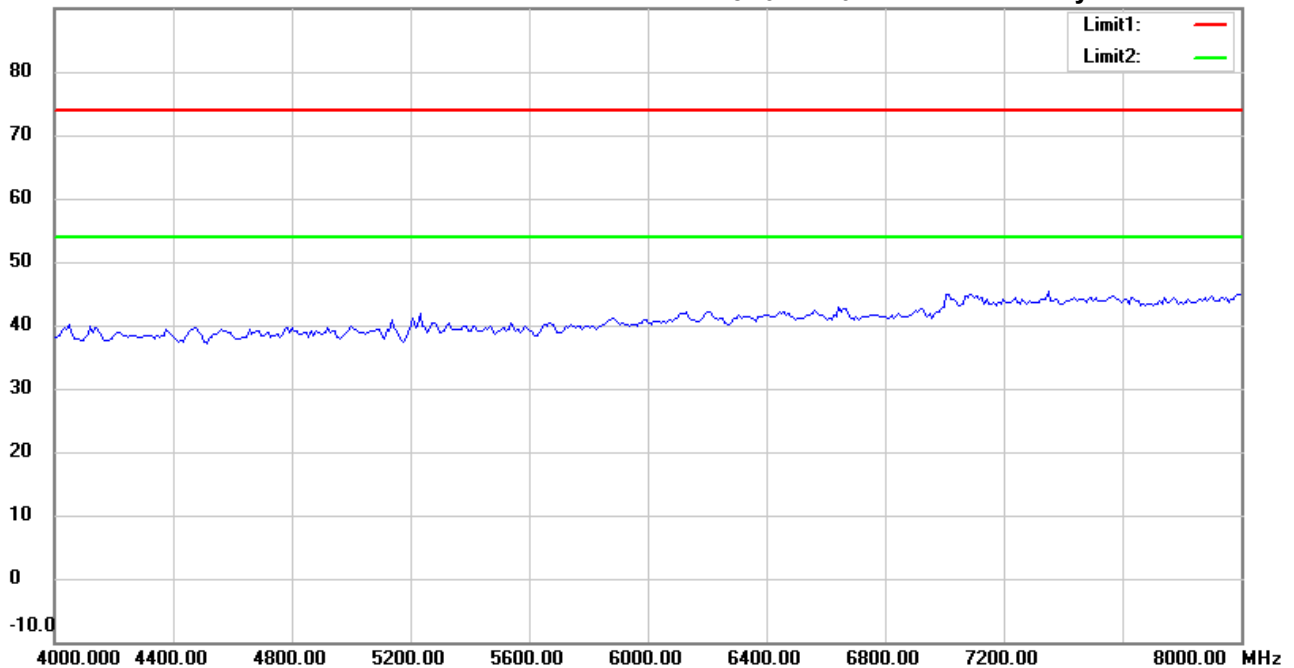
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:24:10 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

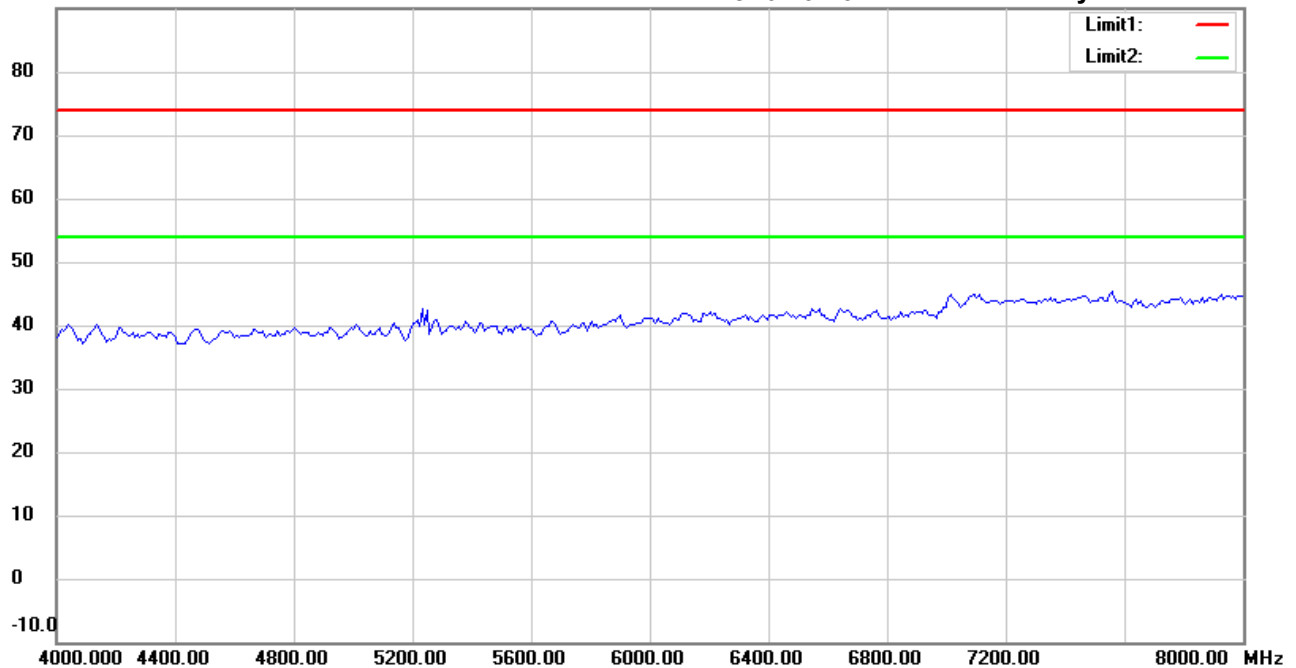
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:29:13 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
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### Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

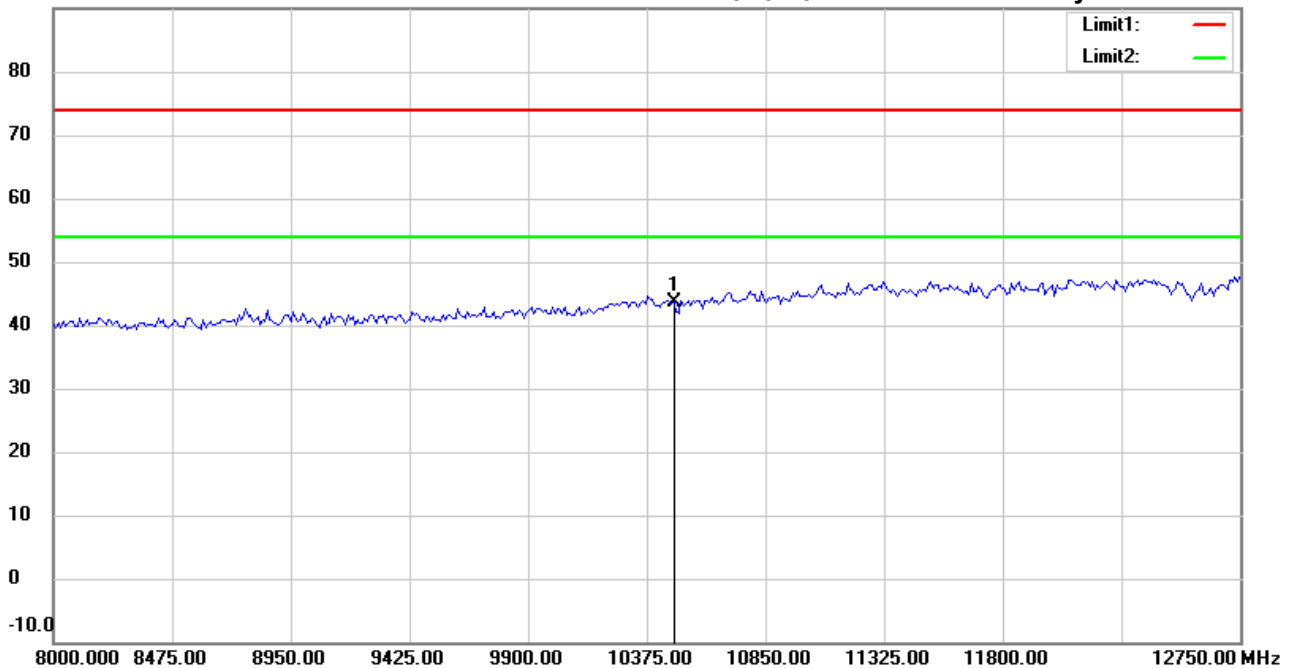
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:25:12 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10480.000       | 35.06          | peak     | 8.46                | 43.52           | 74.00          | 150          | 270            | -30.48      |         |

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

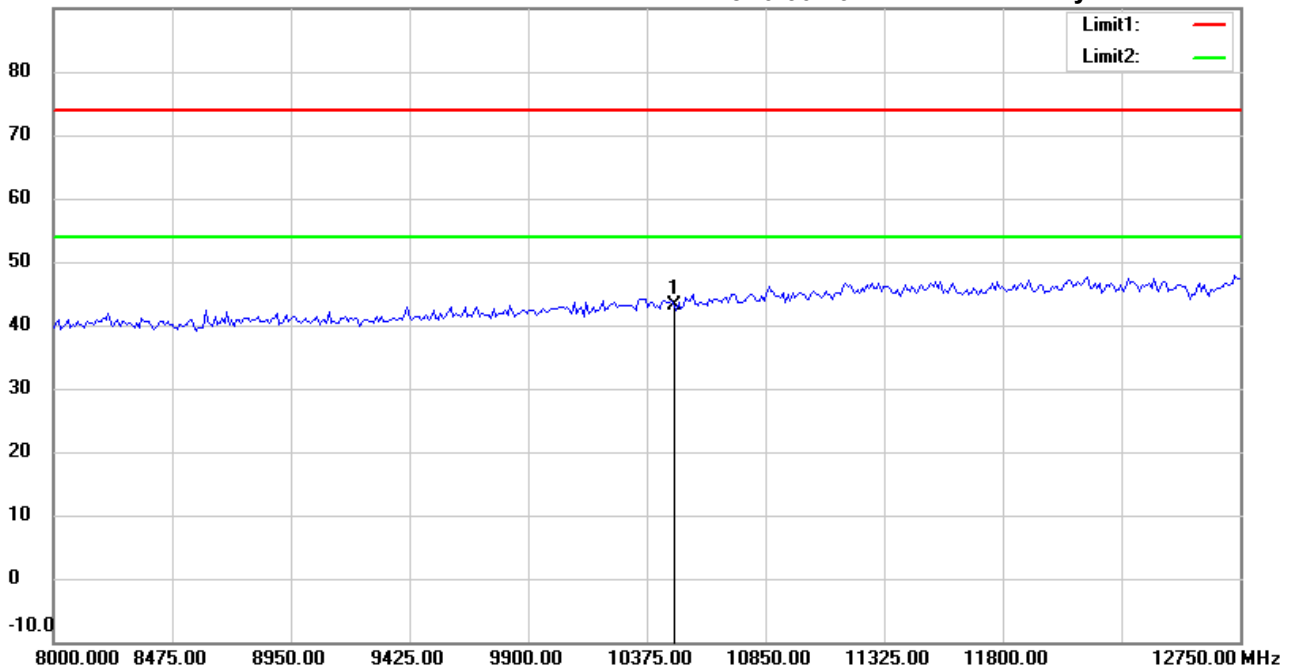
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:30:19 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10480.000       | 34.55          | peak     | 8.46                | 43.01           | 74.00          | 150          | 63             | -30.99      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

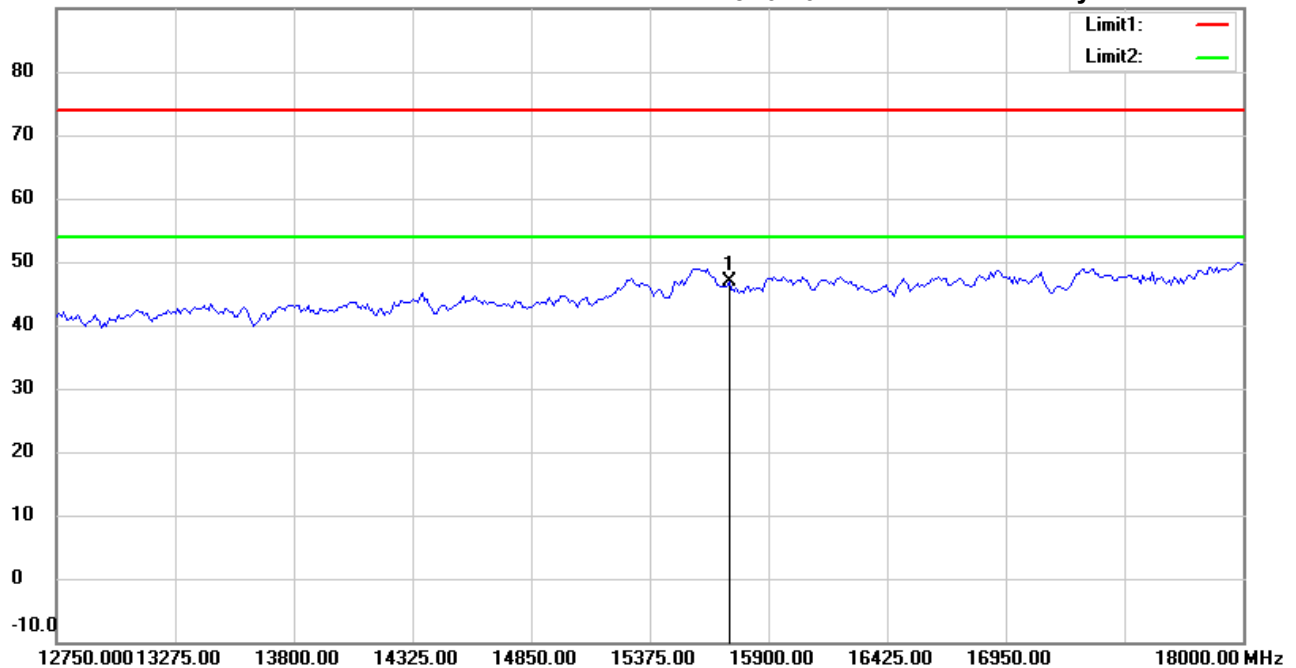
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:26:22 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15720.000       | 29.38          | peak     | 17.44               | 46.82           | 74.00          | 150          | 163            | -27.18      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

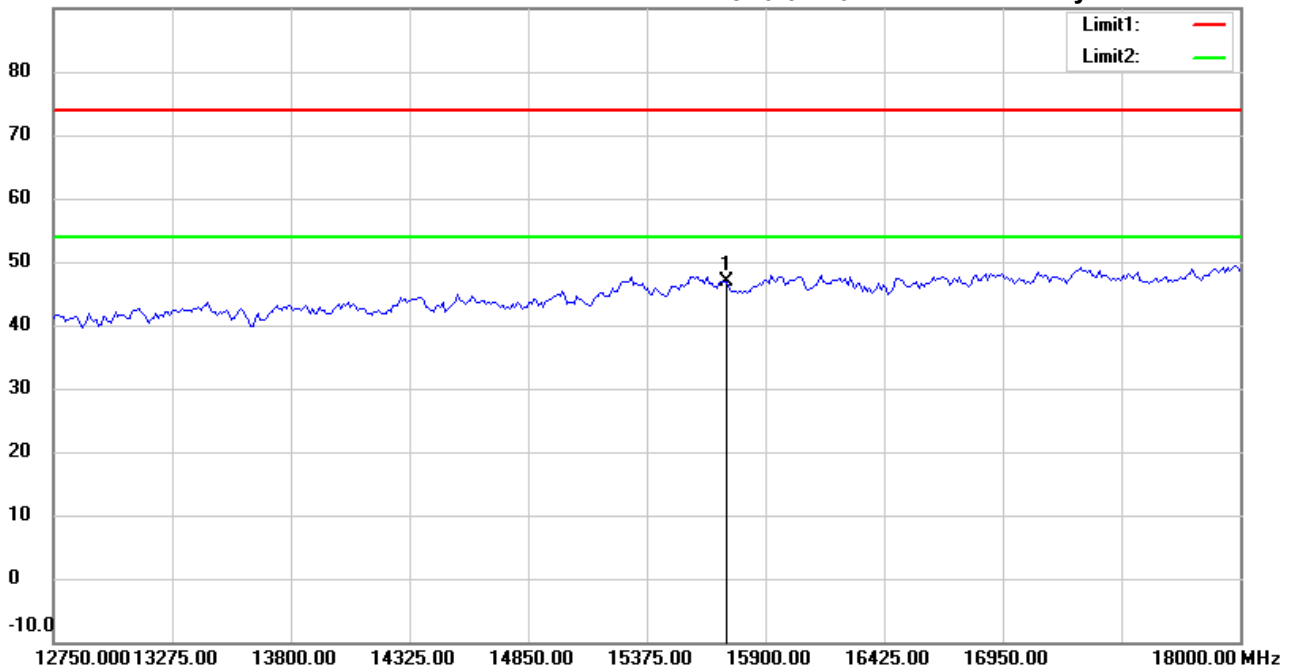
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:31:29 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15720.000       | 29.36          | peak     | 17.44               | 46.80           | 74.00          | 150          | 216            | -27.20      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

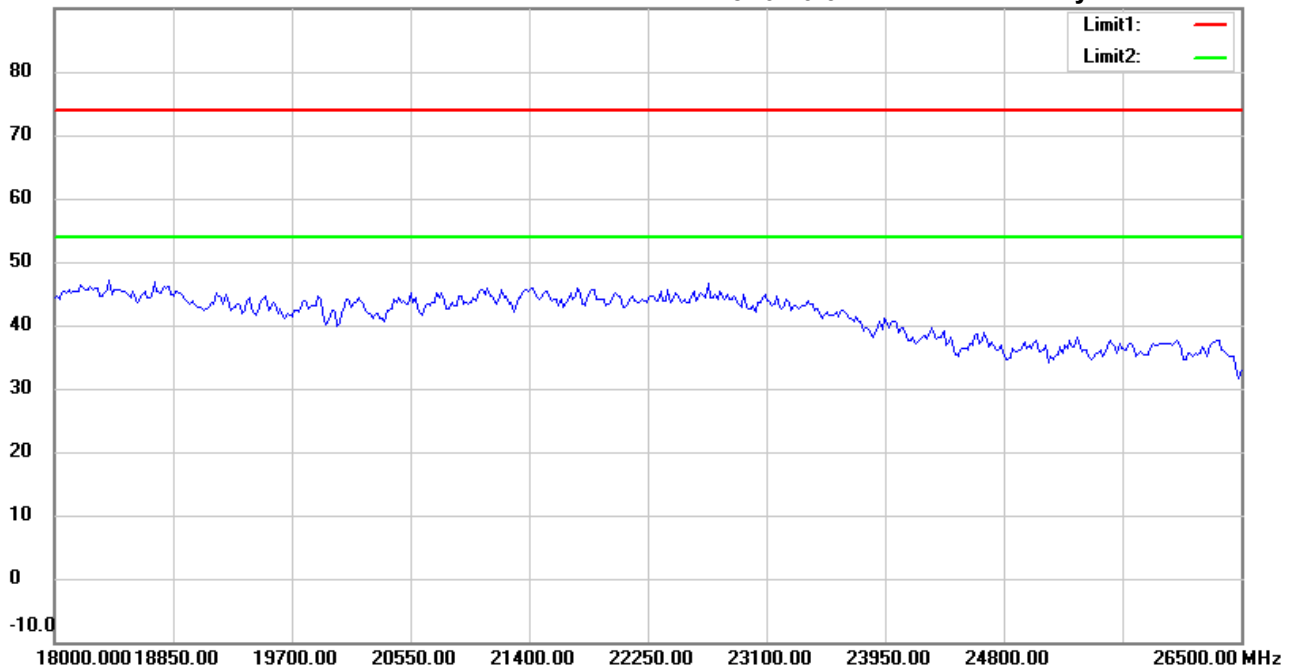
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:26:32 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #11

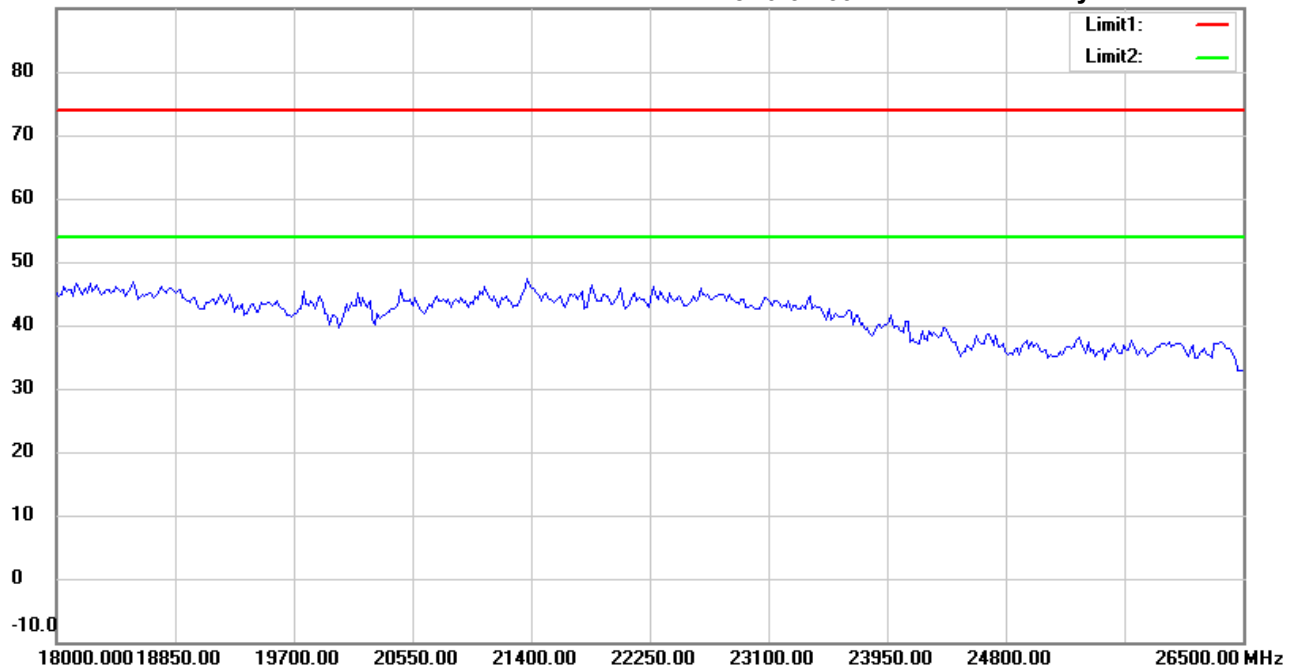
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:31:39 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

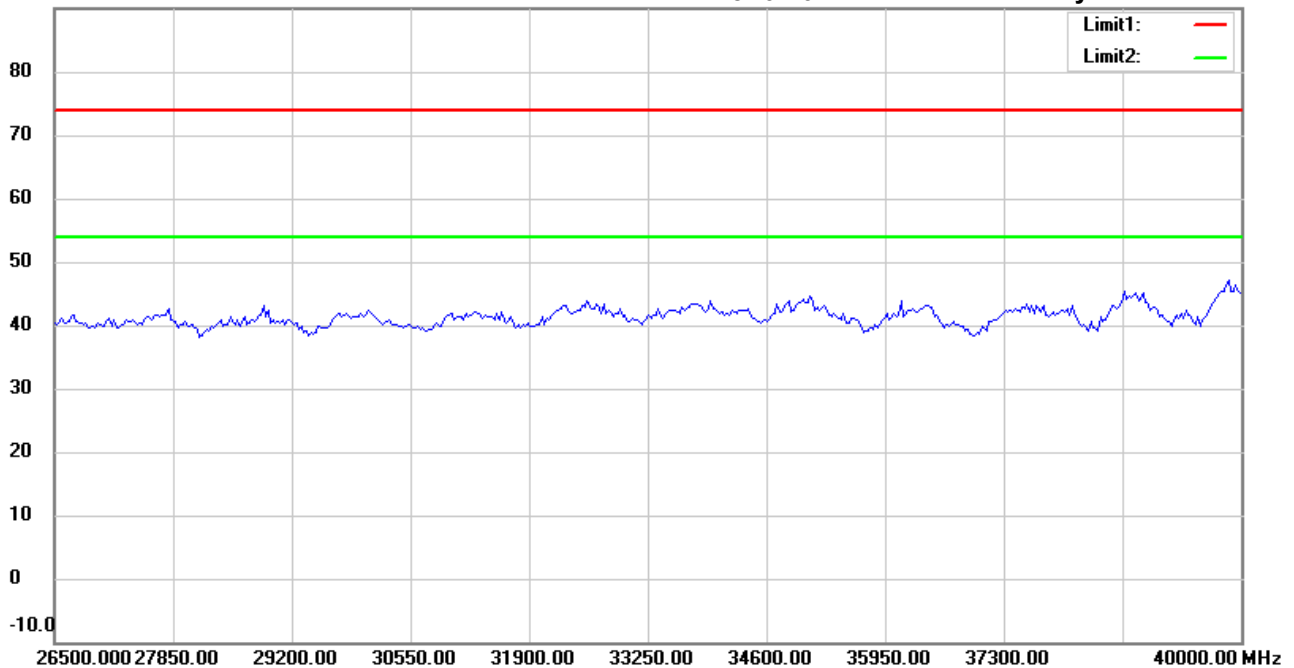
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:26:42 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#12

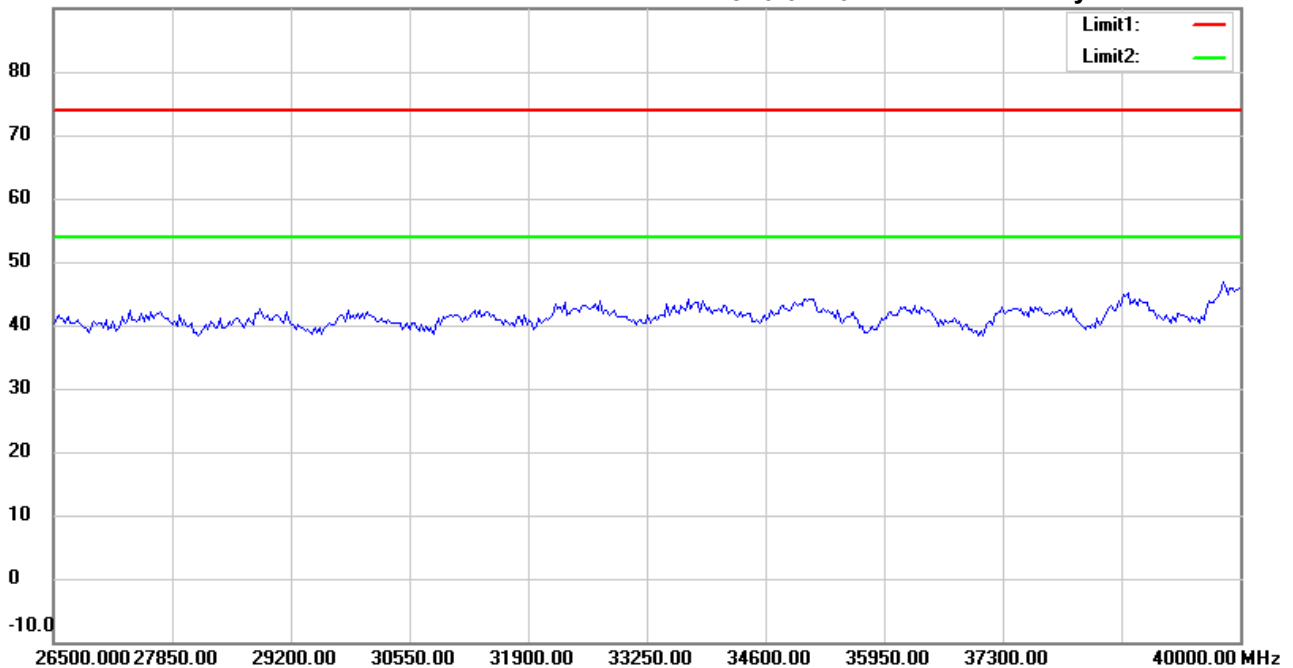
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:31:49 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#1

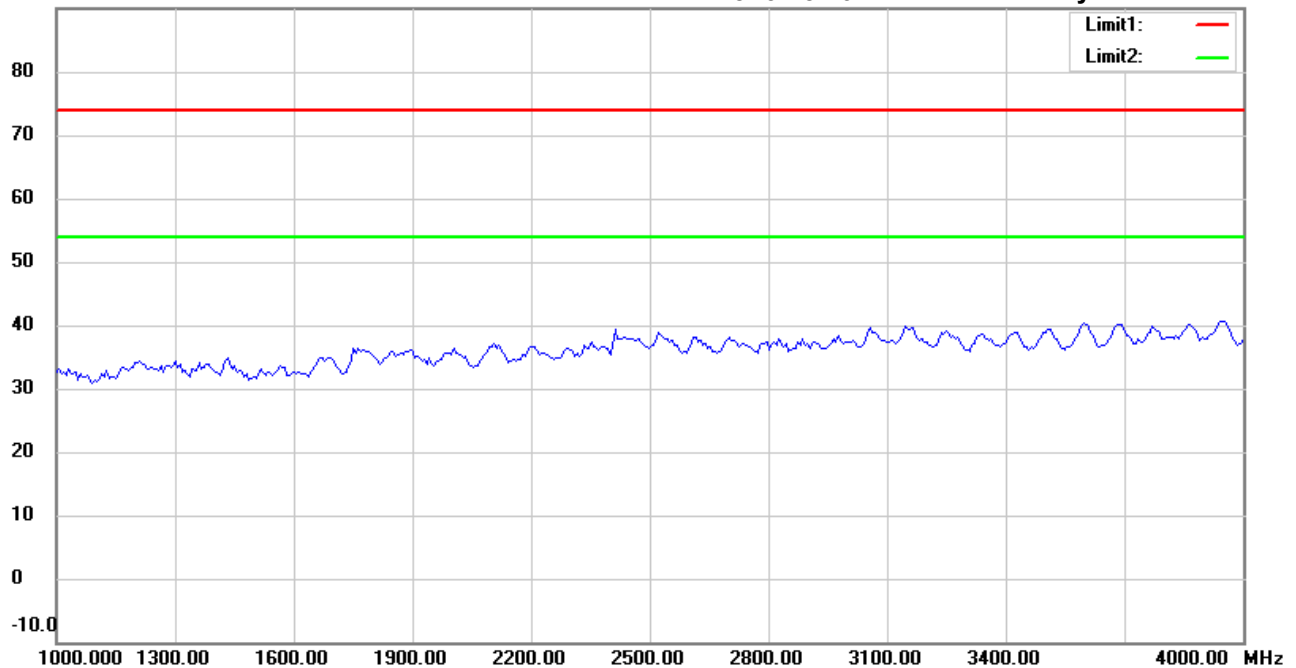
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 3:48:19 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

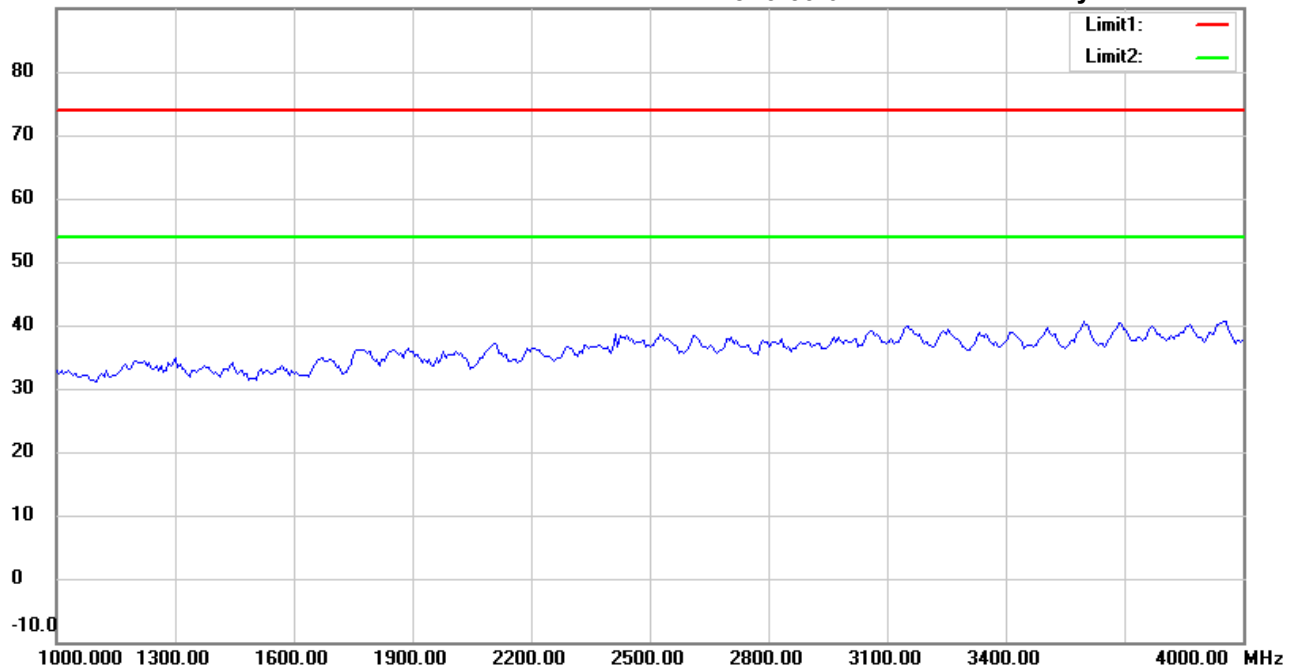
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 3:53:01 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#2

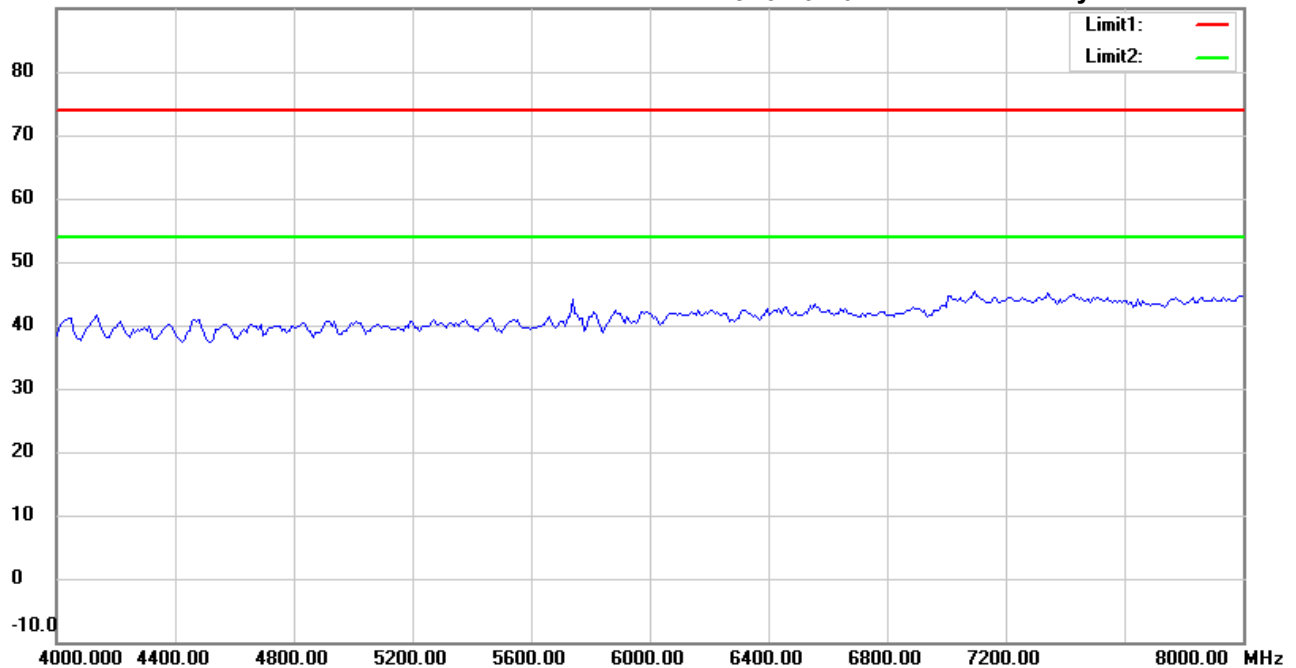
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:49:20 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #8

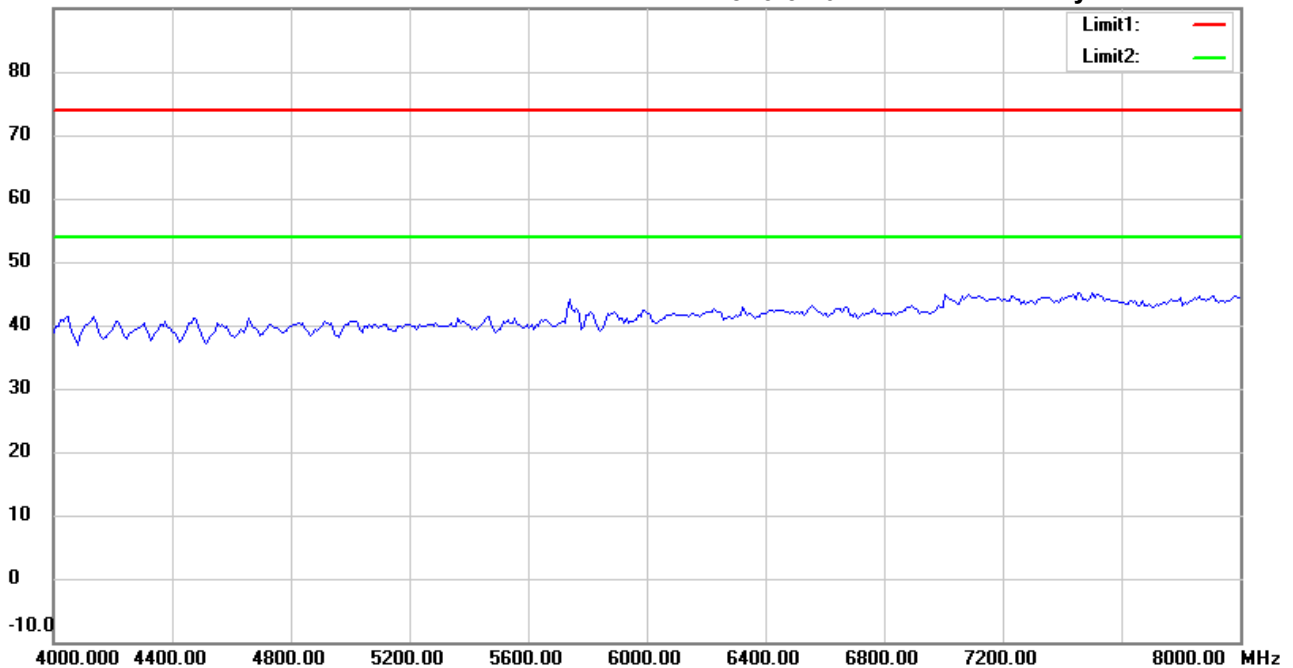
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:54:02 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

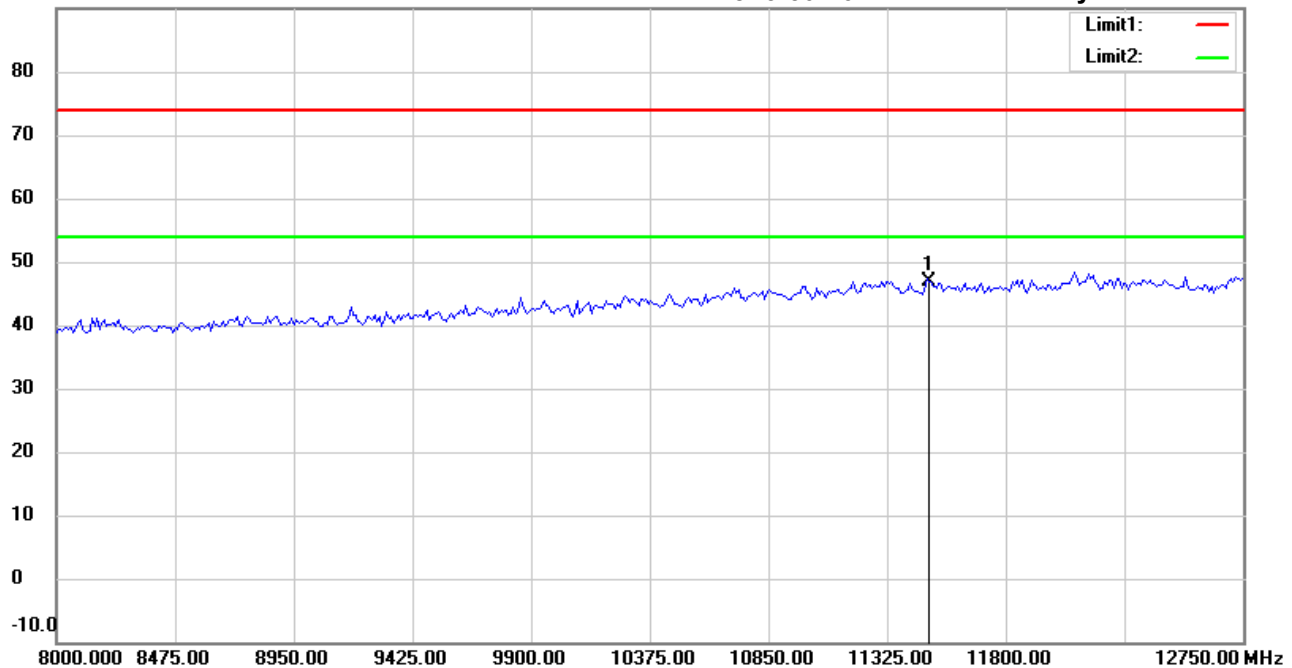
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:50:26 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11490.000       | 35.42          | peak     | 11.36               | 46.78           | 74.00          | 150          | 65             | -27.22      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #9

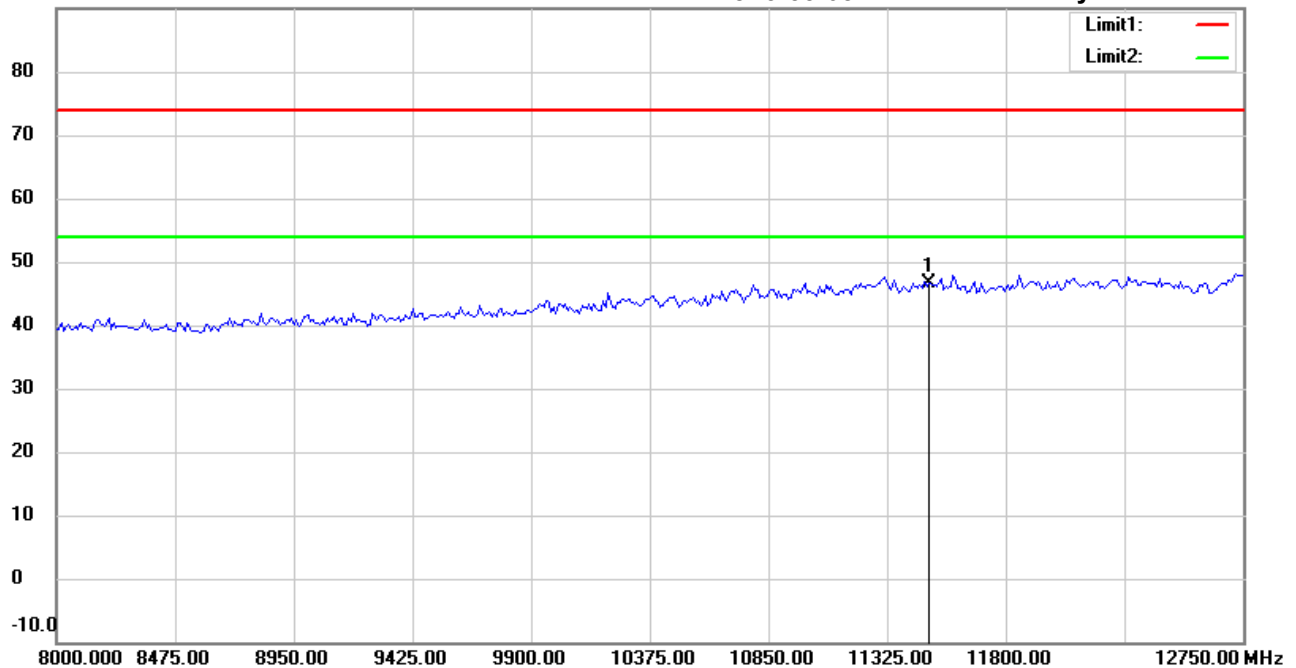
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:55:08 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11490.000       | 35.27          | peak     | 11.36               | 46.63           | 74.00          | 150          | 235            | -27.37      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Allen

File :3

Data :#4

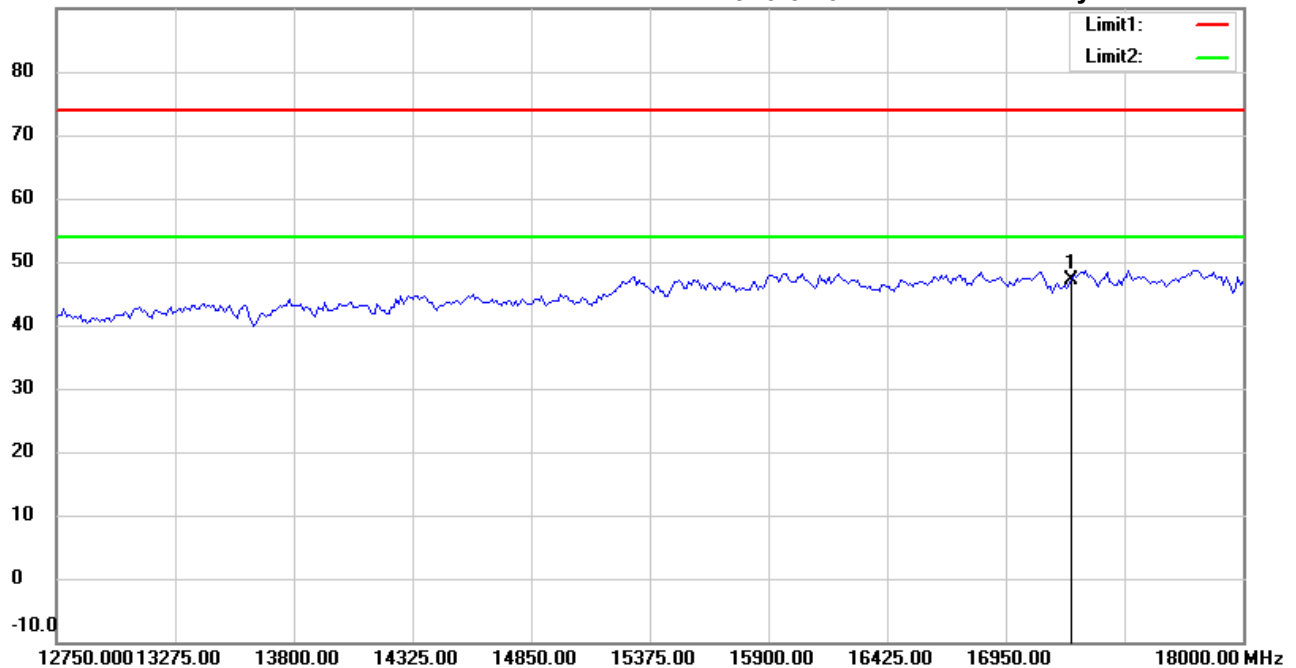
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:51:34 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17235.000       | 27.93          | peak     | 19.23               | 47.16           | 74.00          | 150          | 240            | -26.84      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File :3

Data :#10

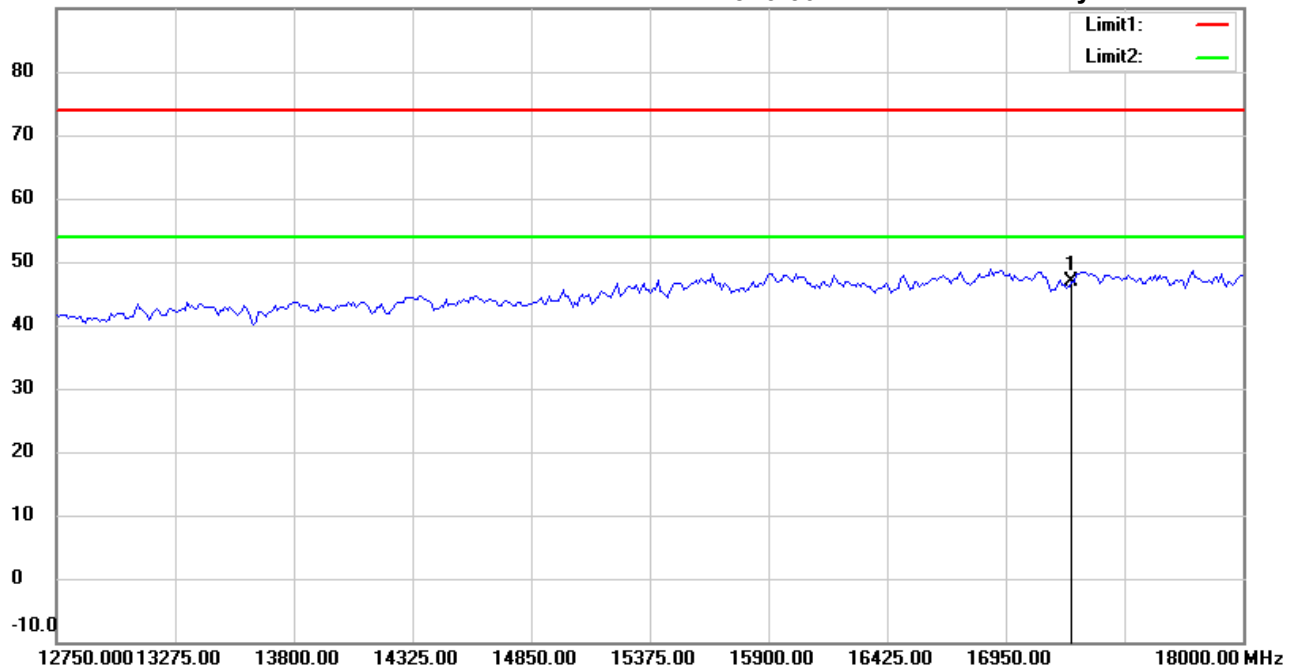
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:56:17 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17235.000       | 27.73          | peak     | 19.23               | 46.96           | 74.00          | 150          | 10             | -27.04      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #5

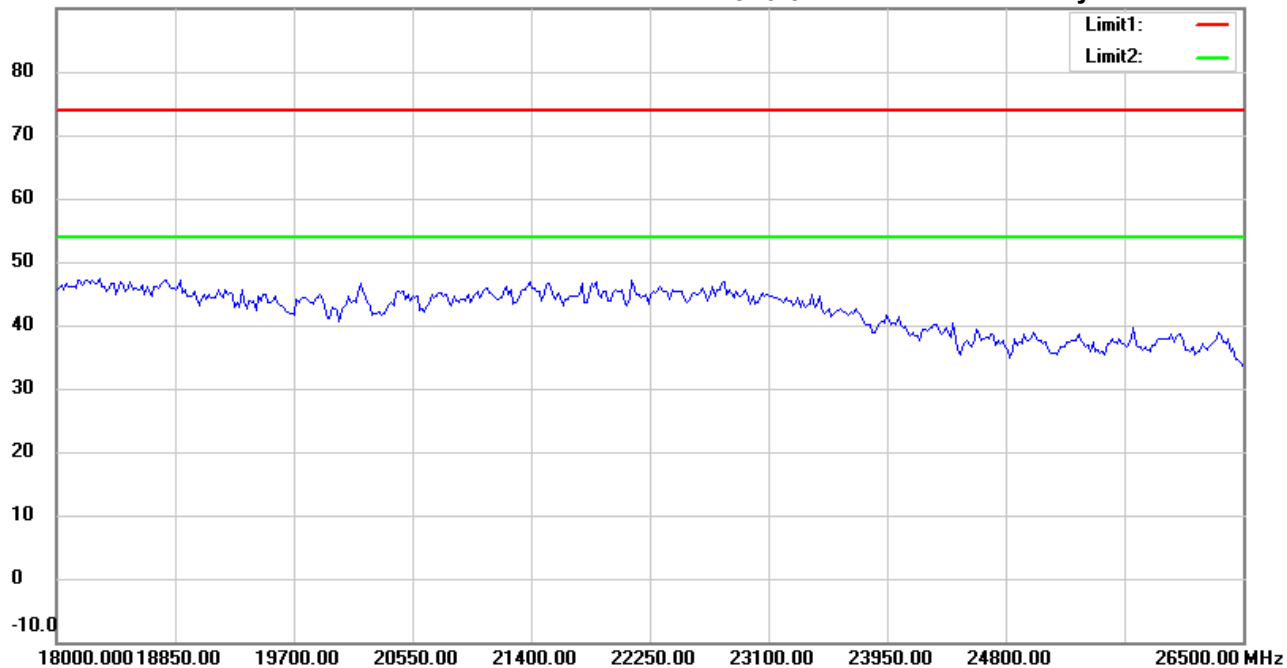
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:51:44 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #11

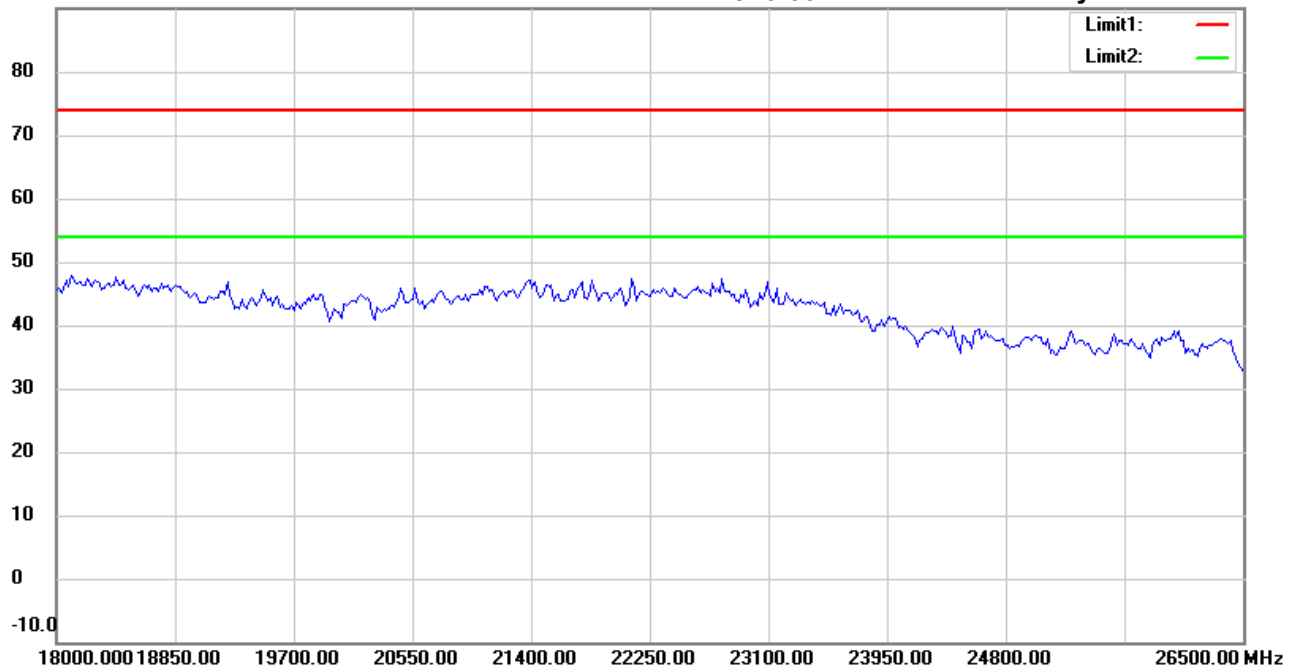
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:56:27 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #6

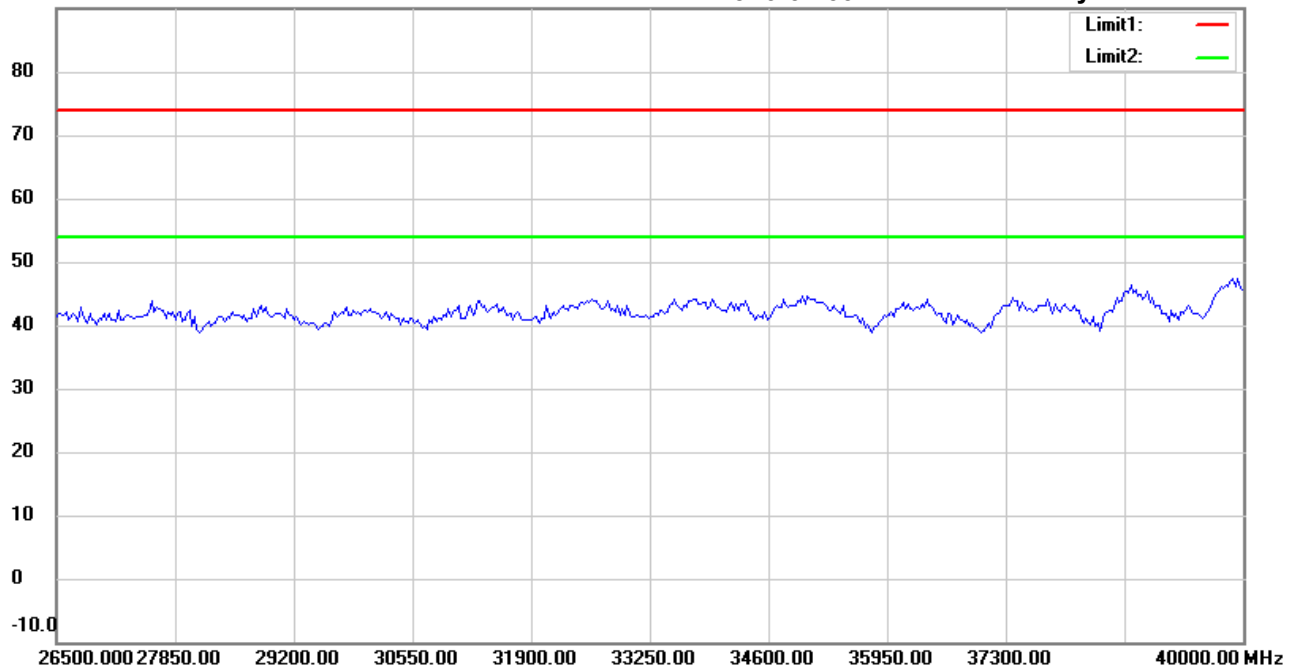
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:51:55 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #12

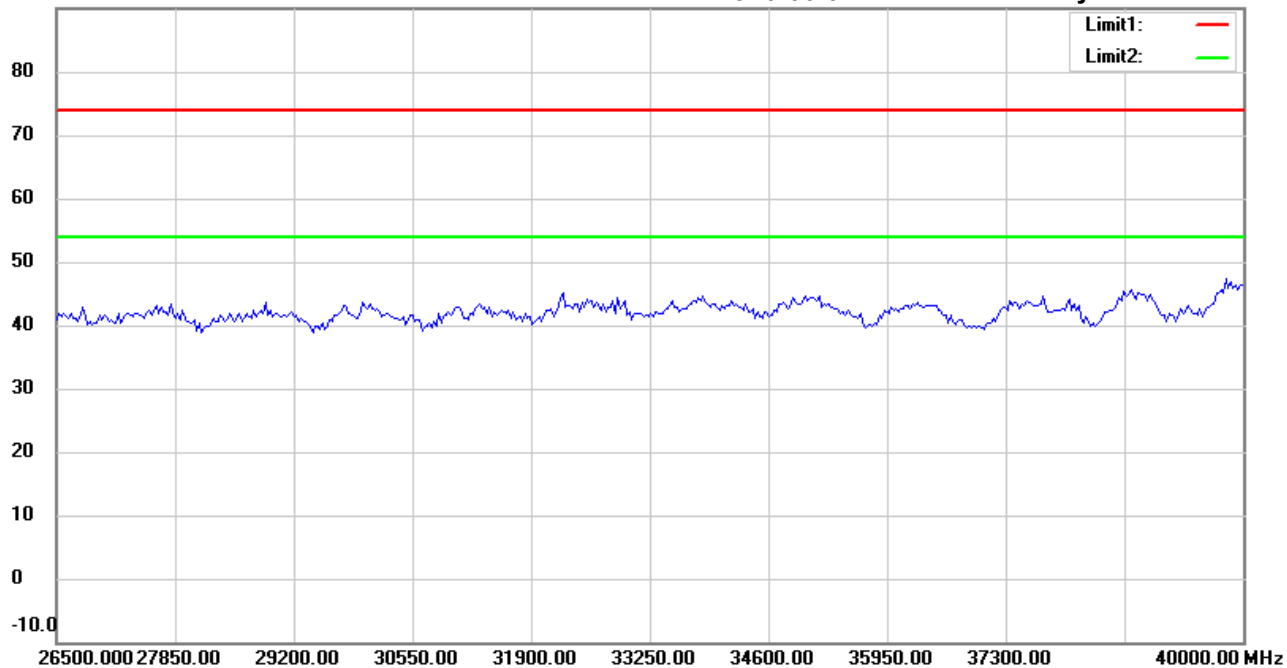
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 3:56:37 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #1

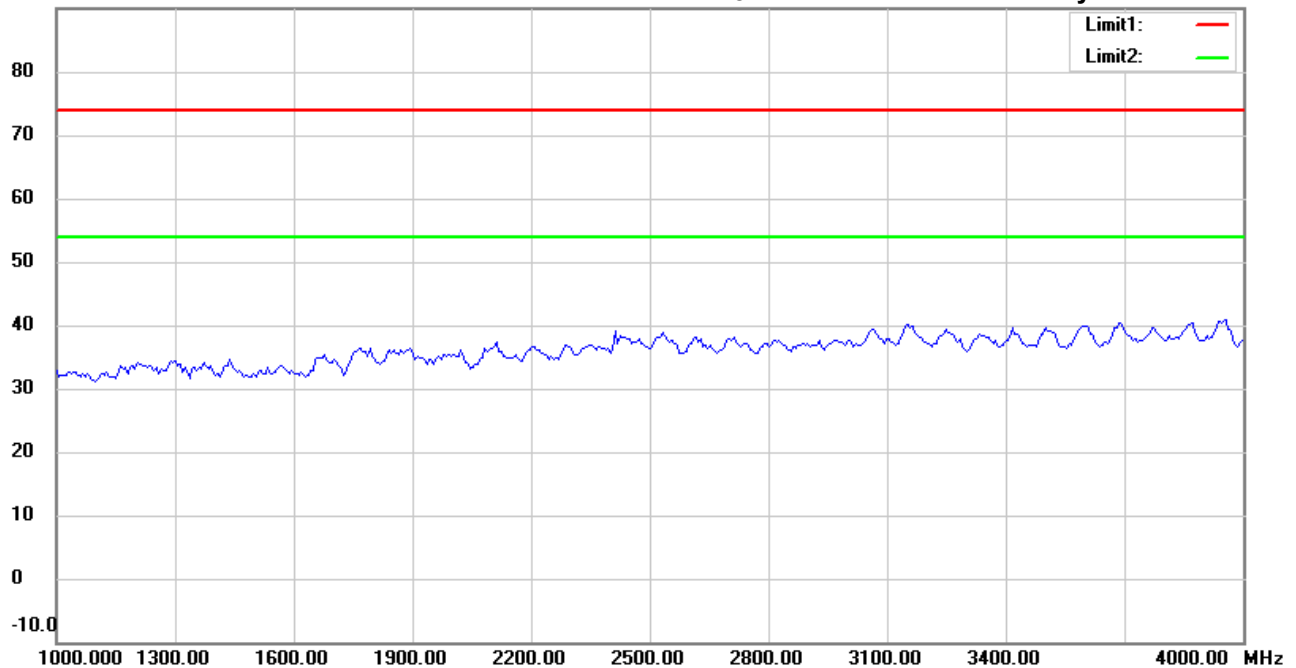
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:11:21 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

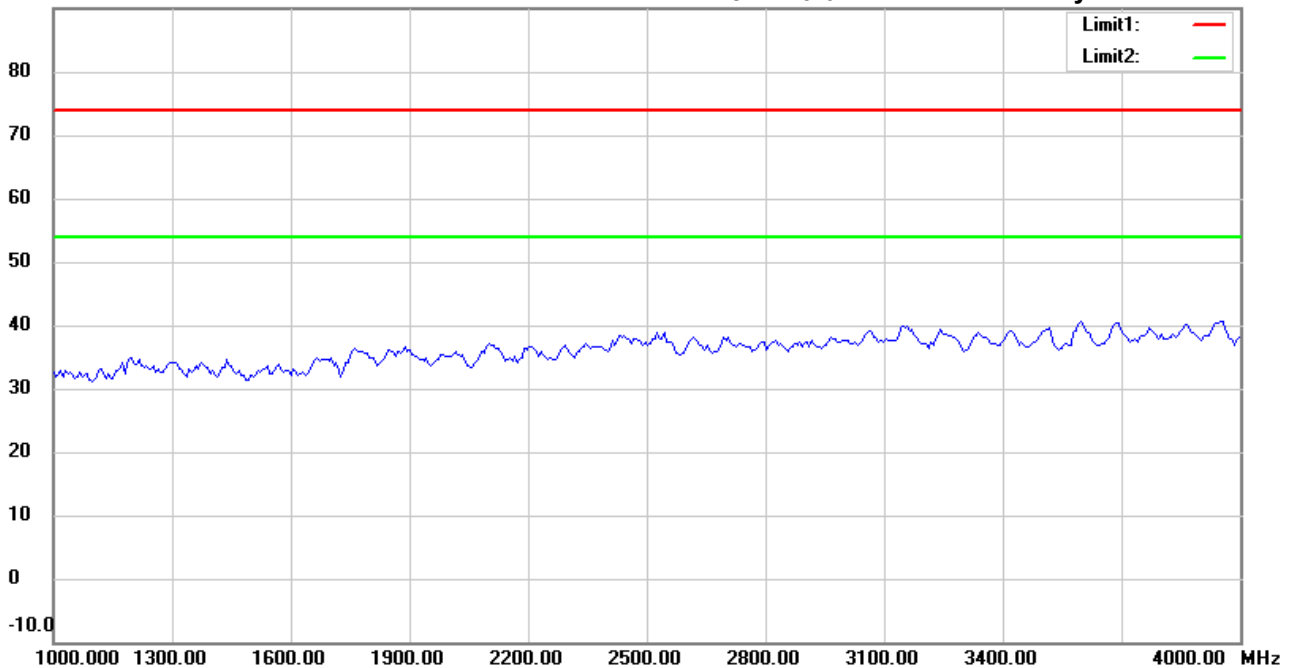
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:16:02 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #2

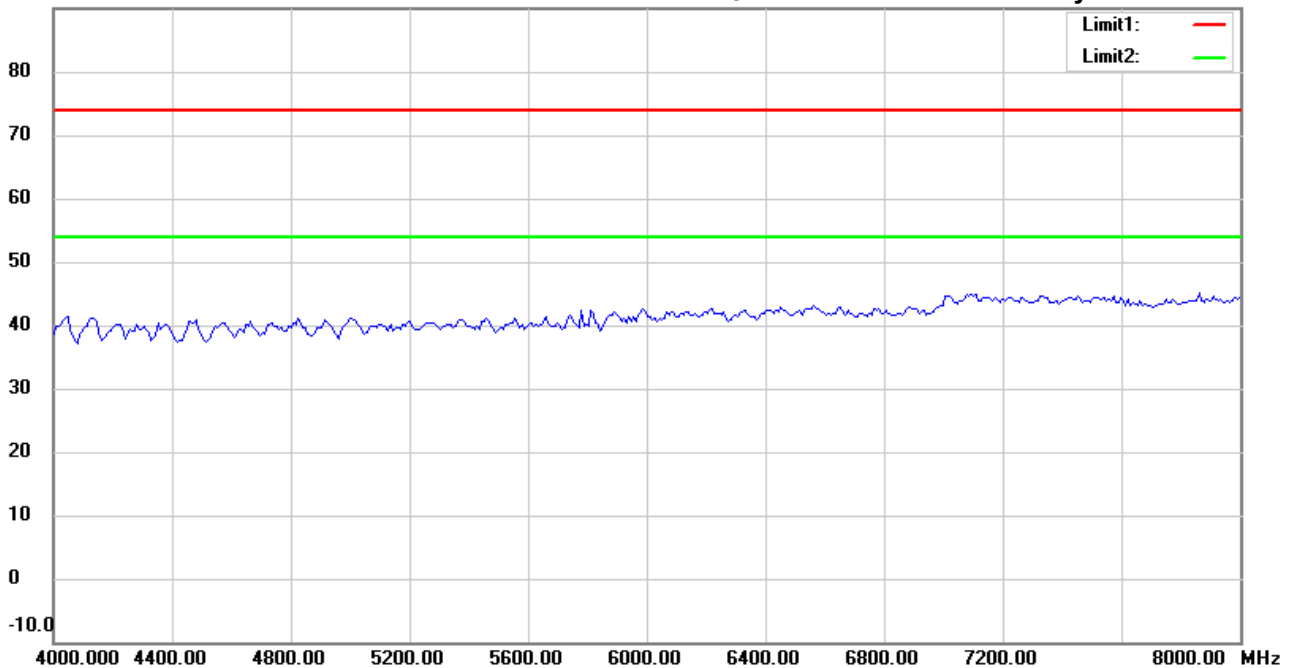
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:12:22 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

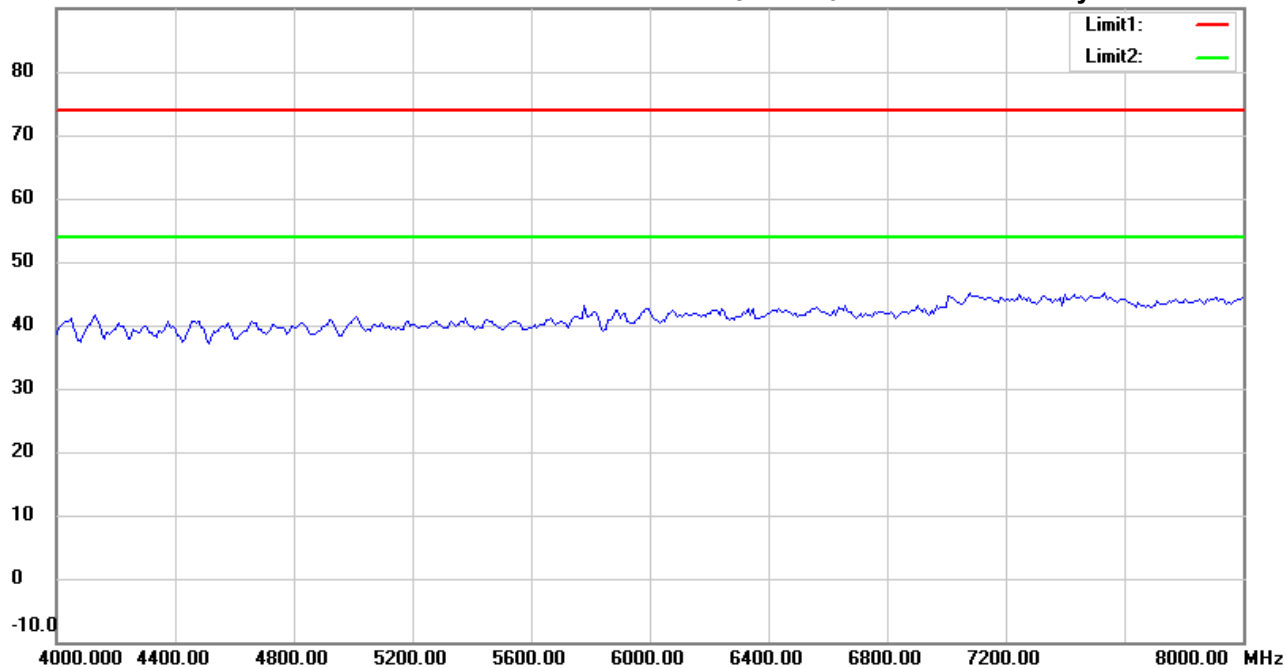
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:17:04 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

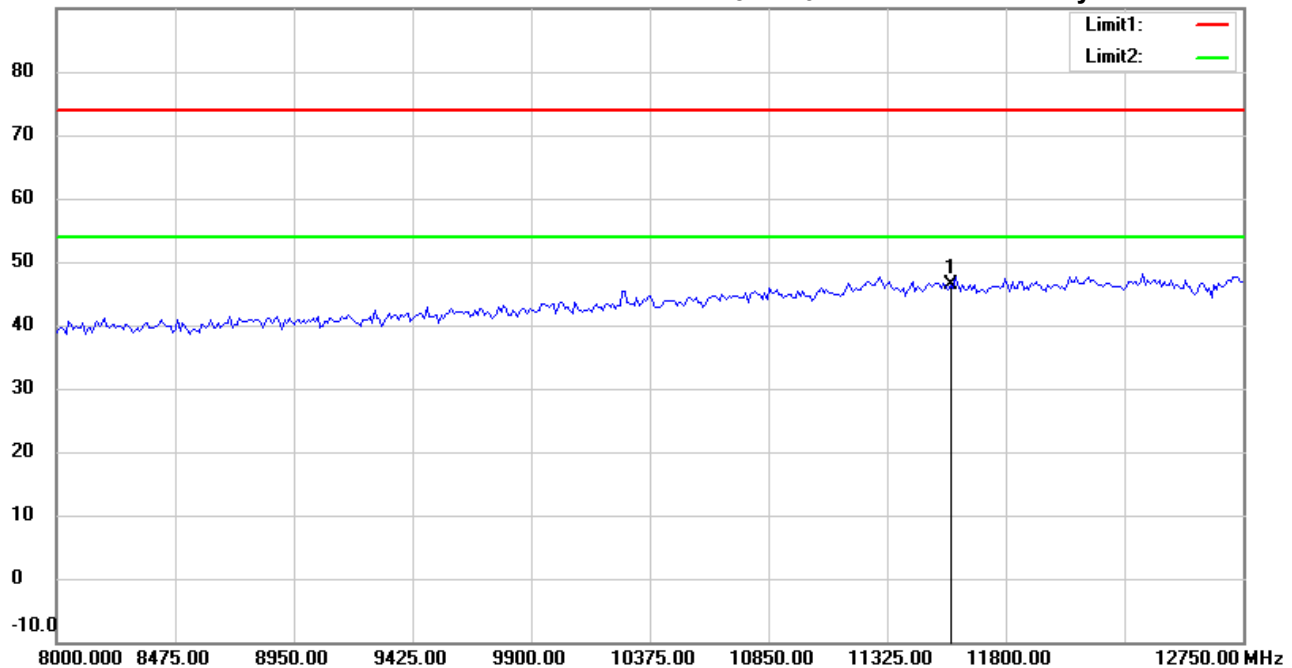
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:13:27 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11570.000       | 35.17          | peak     | 11.12               | 46.29           | 74.00          | 150          | 360            | -27.71      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #9

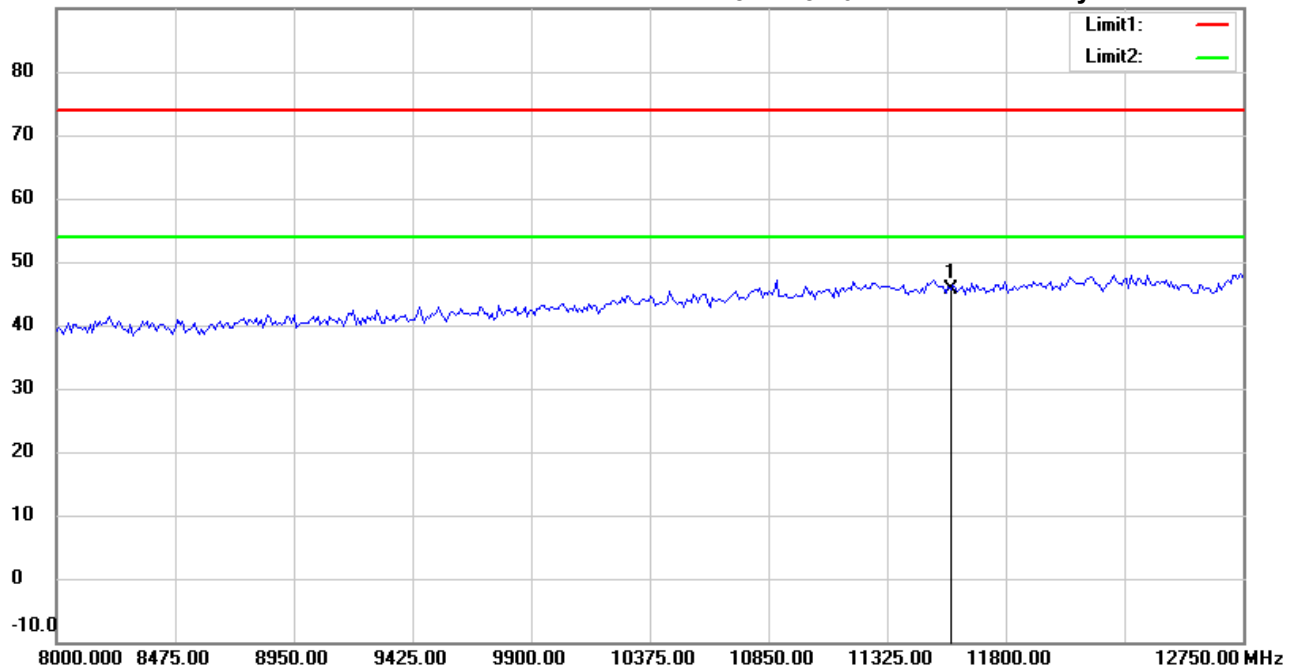
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:18:10 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11570.000       | 34.55          | peak     | 11.12               | 45.67           | 74.00          | 150          | 105            | -28.33      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

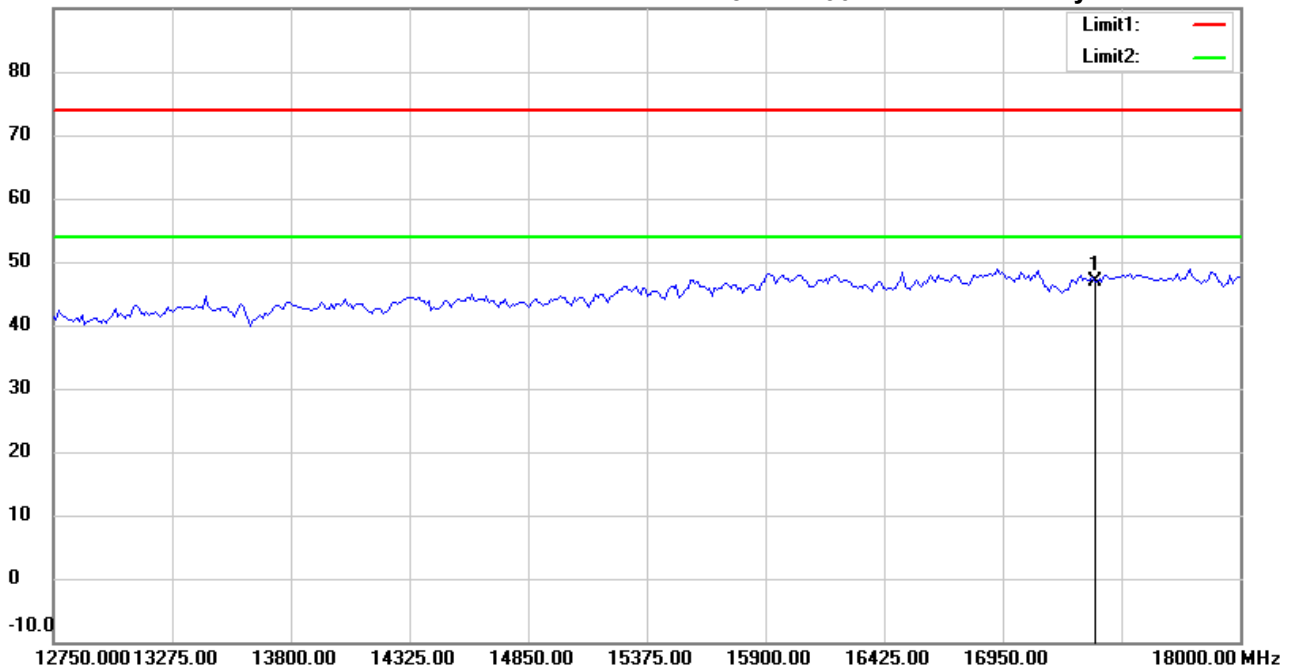
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:14:36 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17355.000       | 26.52          | peak     | 20.45               | 46.97           | 74.00          | 150          | 50             | -27.03      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File :3

Data :#10

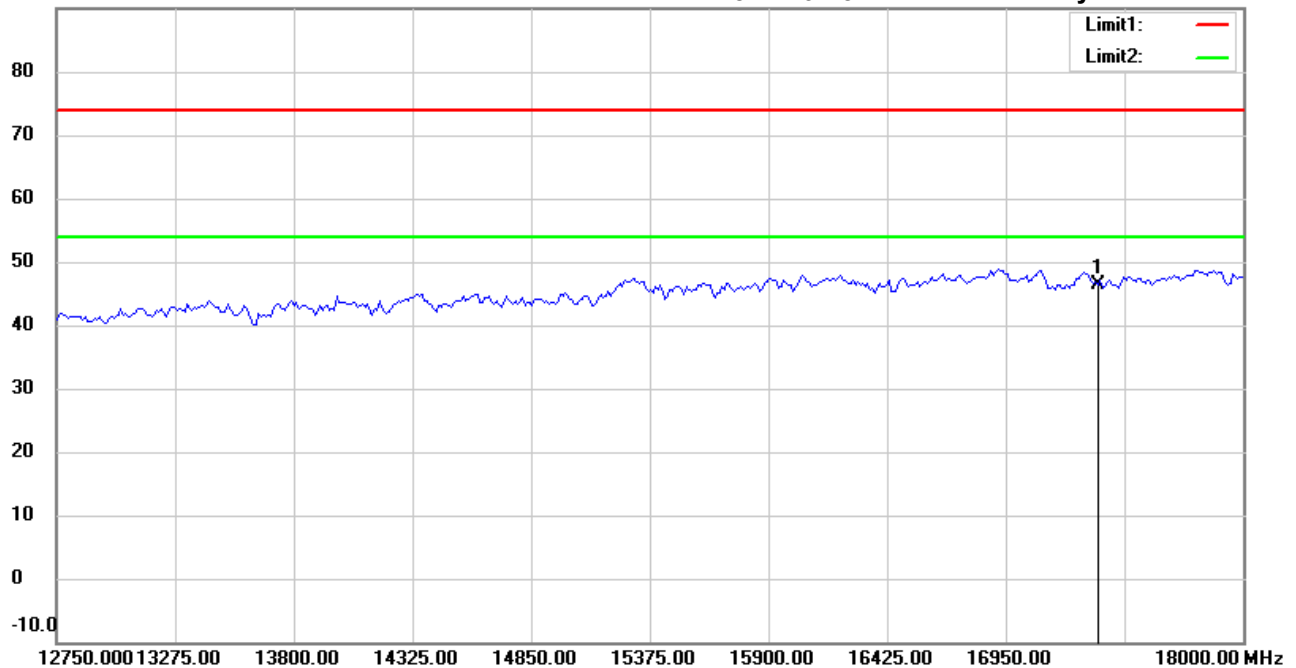
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:19:18 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17355.000       | 25.86          | peak     | 20.45               | 46.31           | 74.00          | 150          | 245            | -27.69      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #5

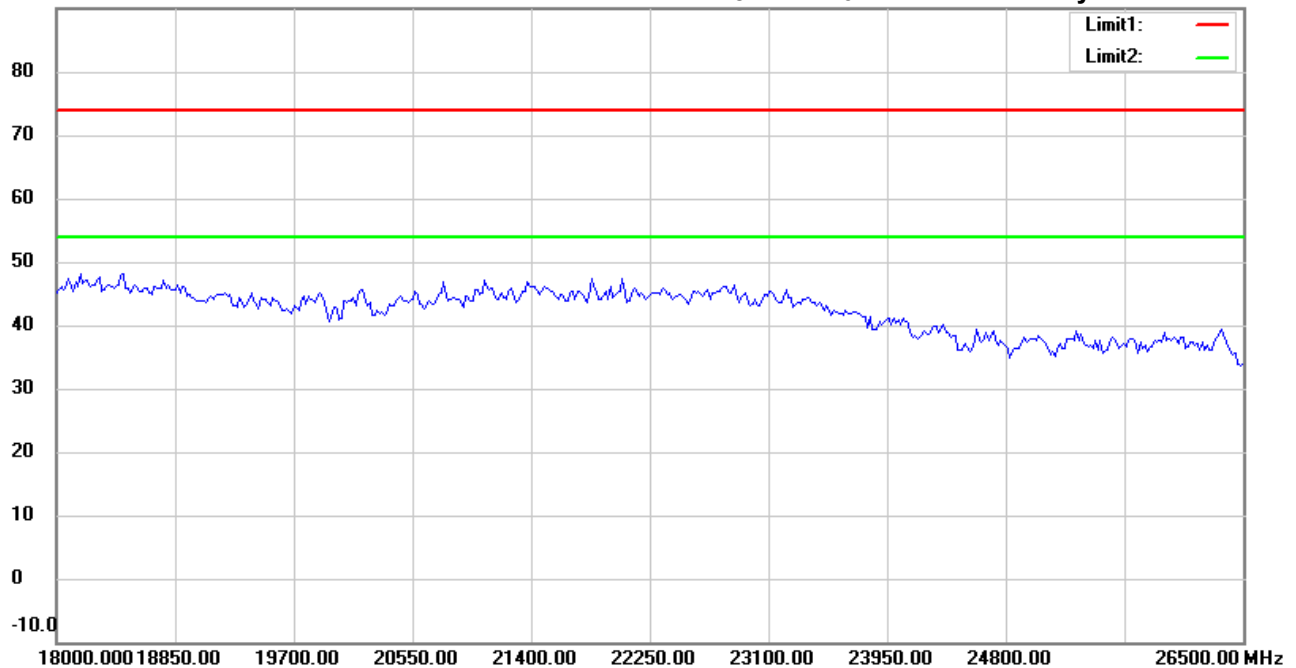
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:14:46 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #11

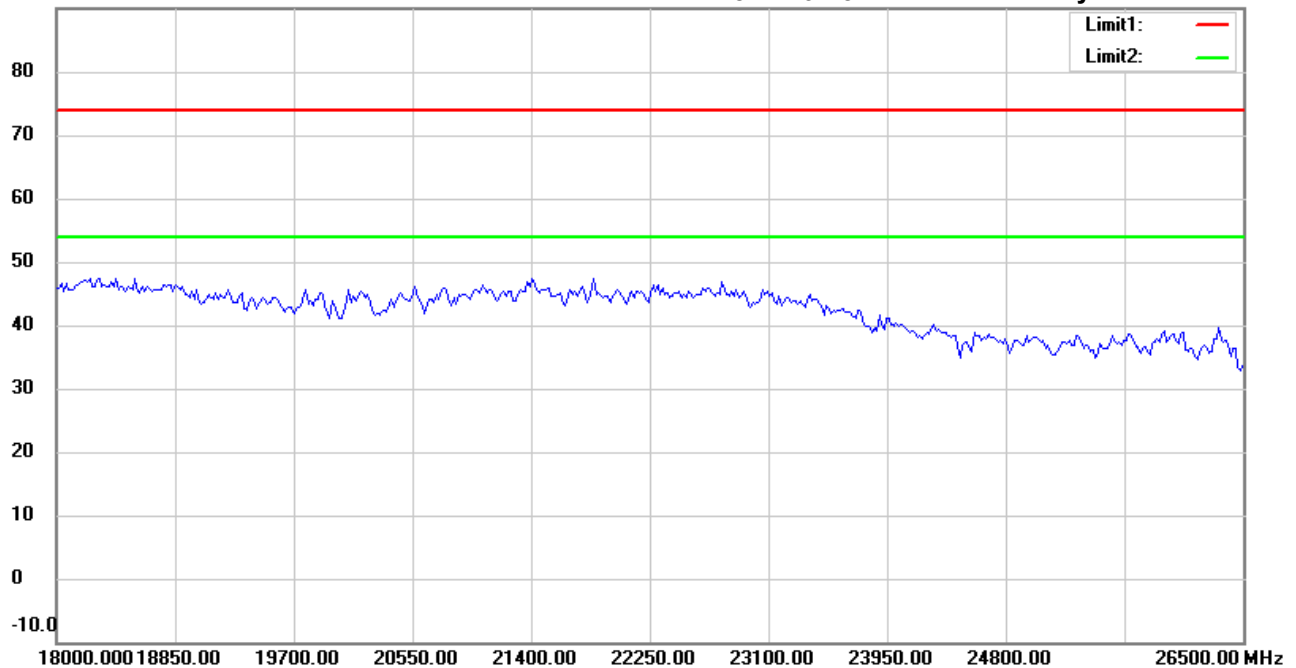
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:19:28 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Allen

File : 3

Data : #6

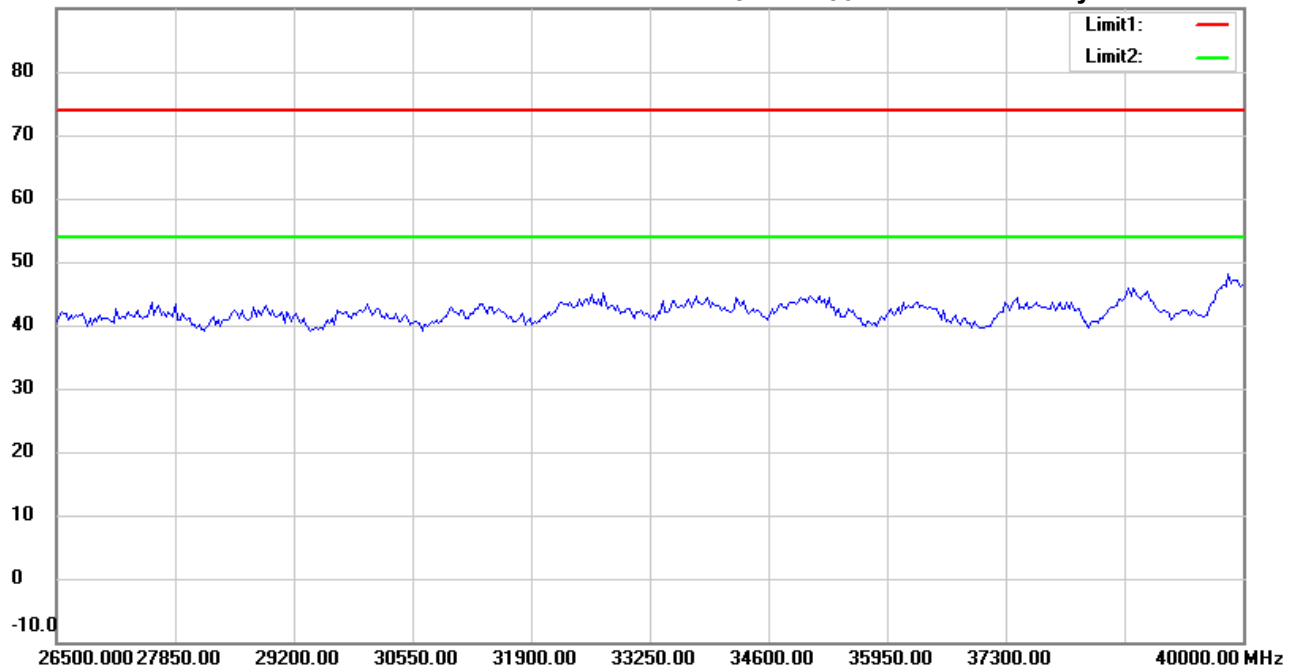
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:14:56 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #12

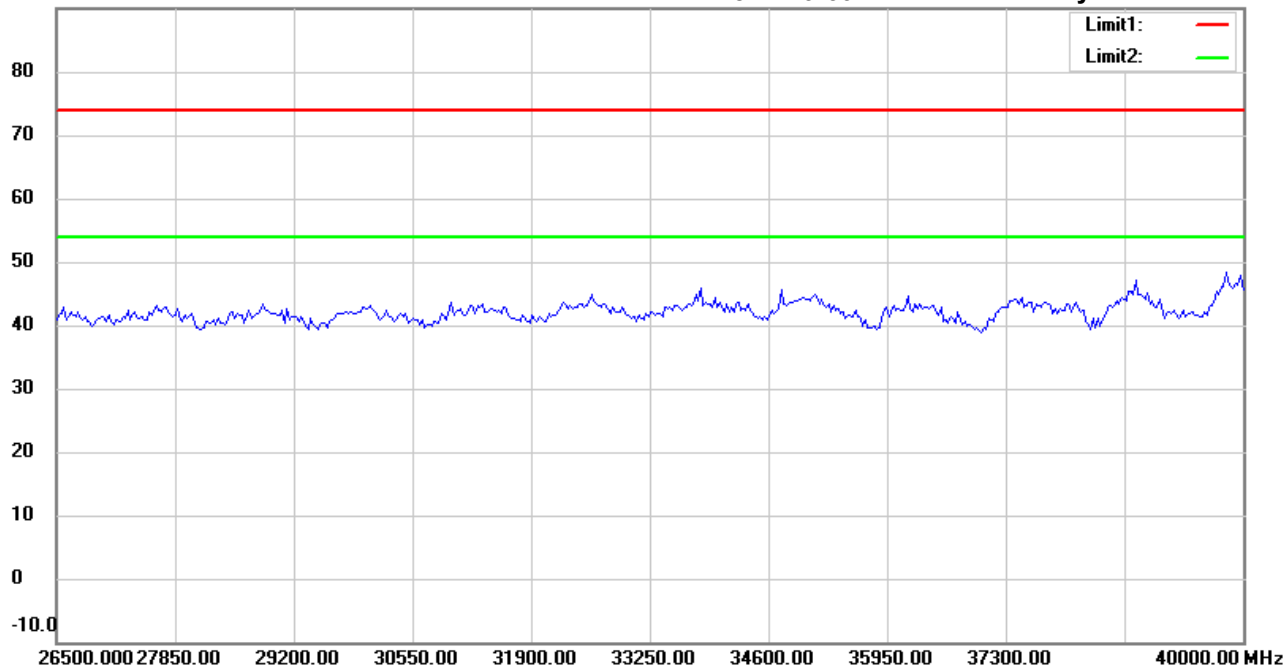
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:19:39 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
Fax:+886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File :3

Data :#1

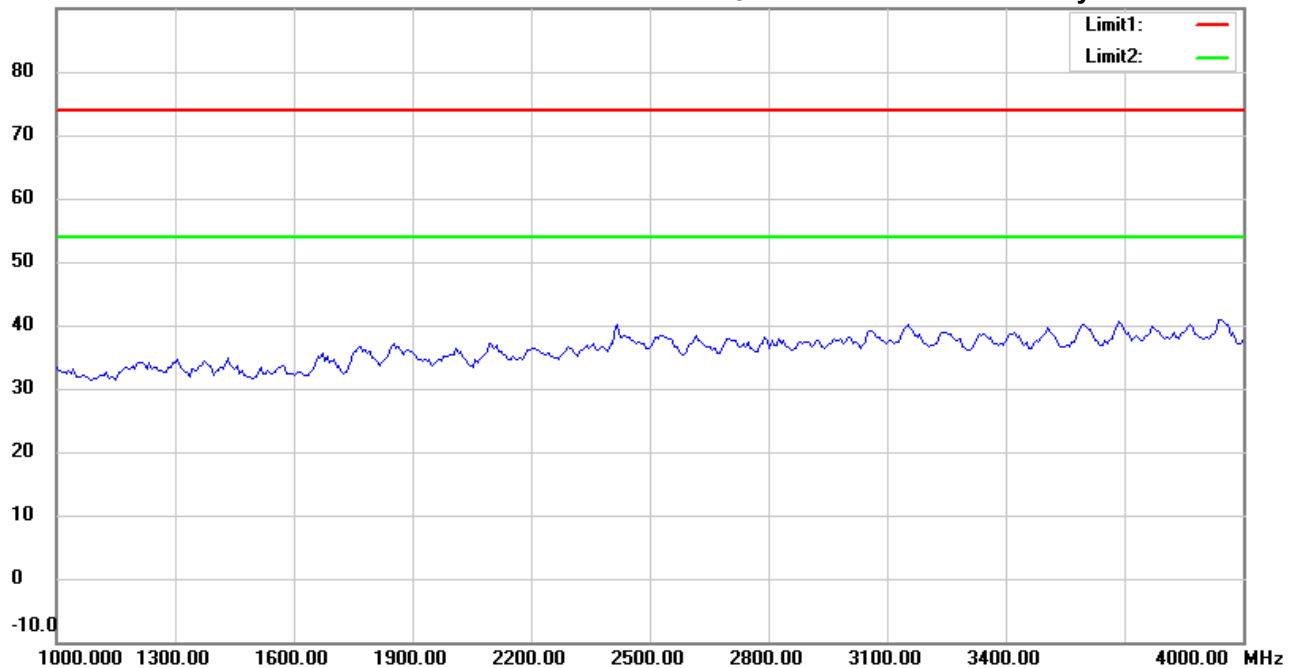
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:24:42 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

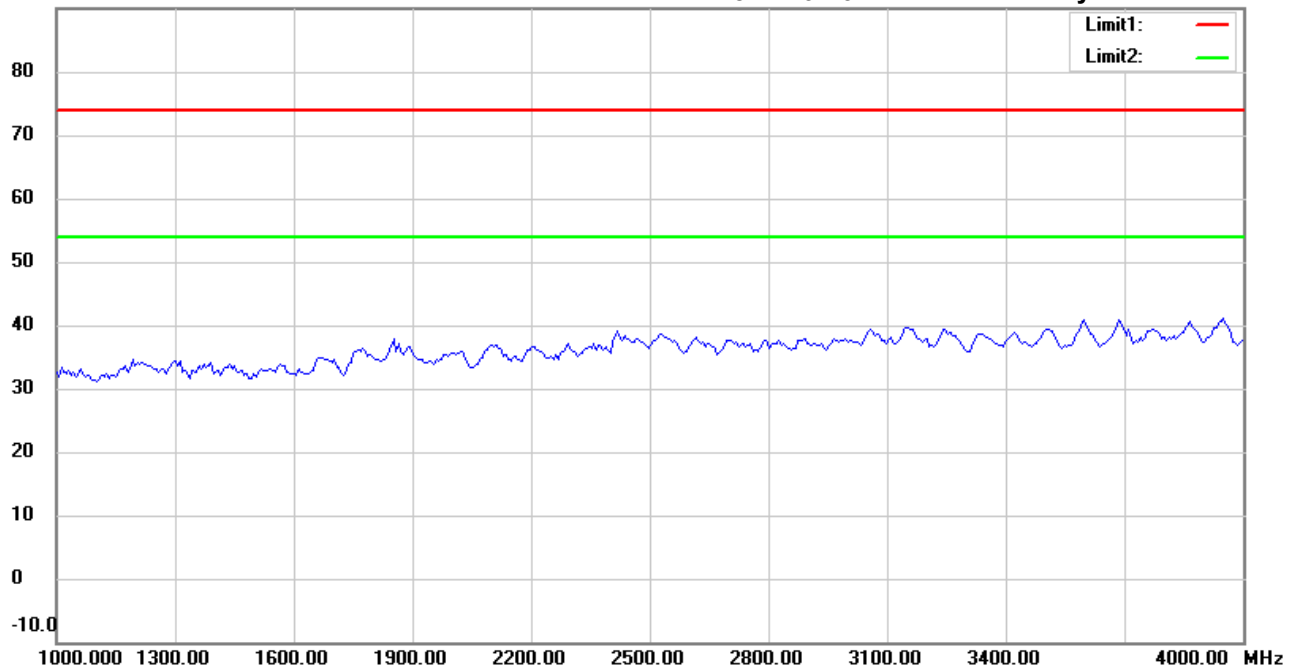
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:29:23 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#2

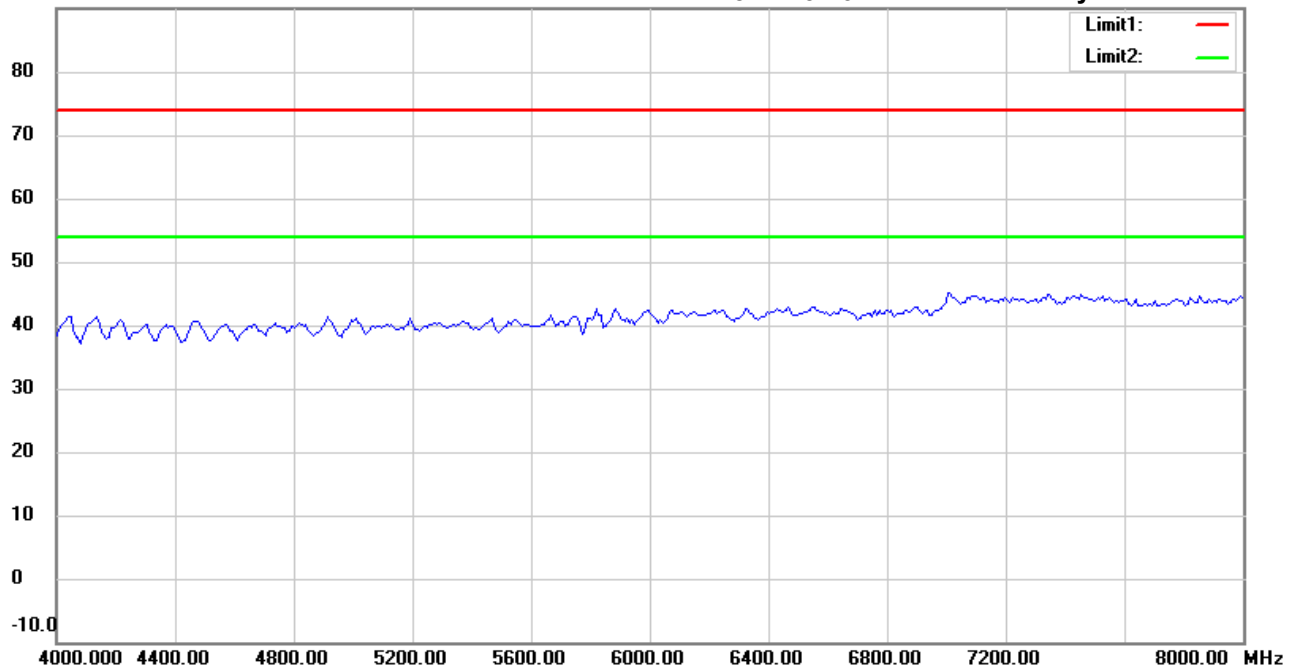
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:25:43 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

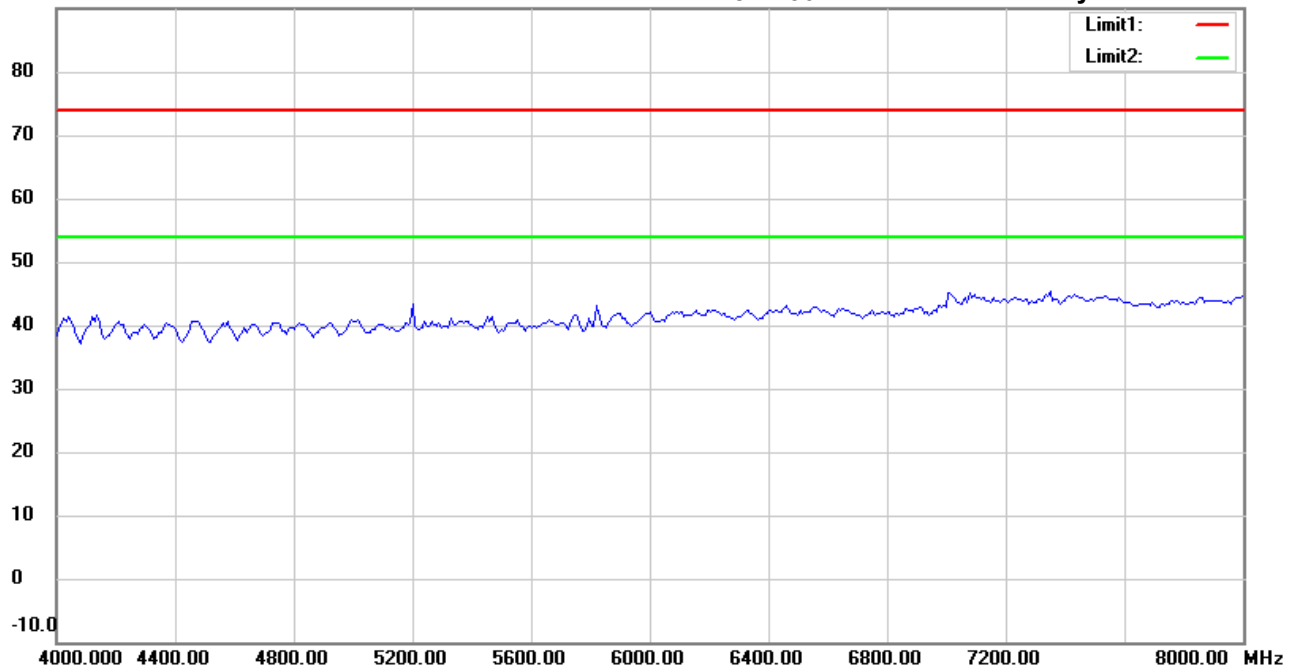
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:30:24 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

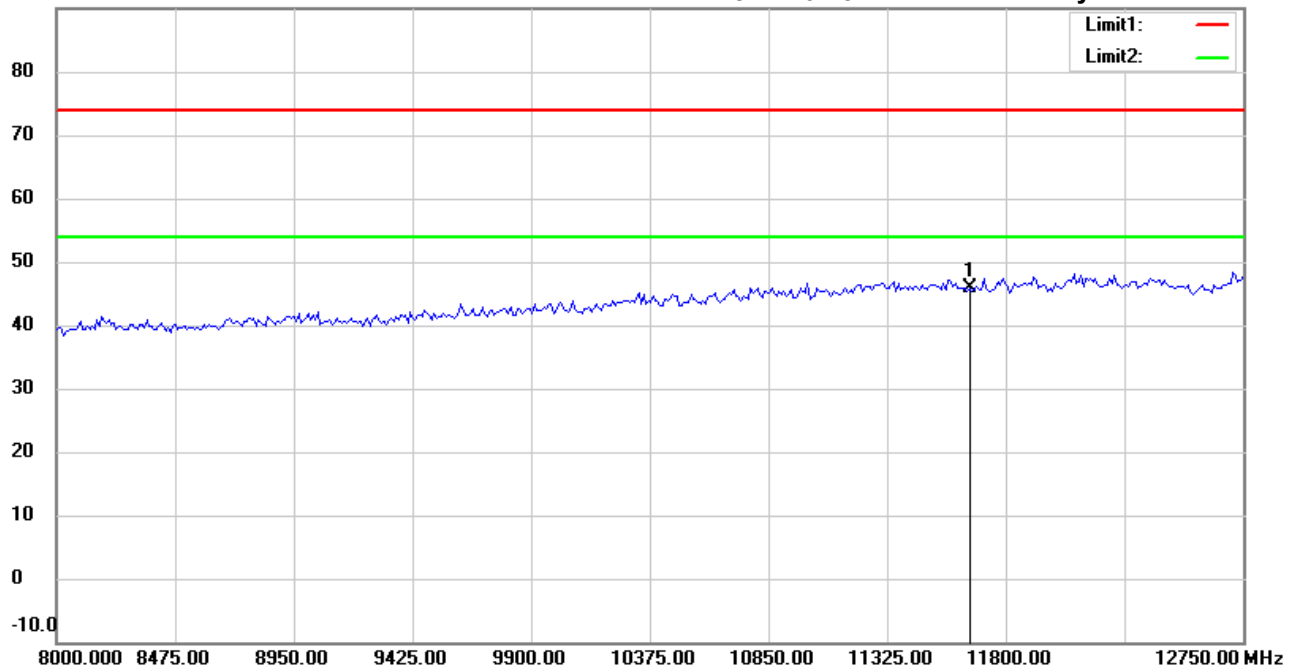
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:26:48 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11650.000       | 34.98          | peak     | 10.97               | 45.95           | 74.00          | 150          | 265            | -28.05      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #9

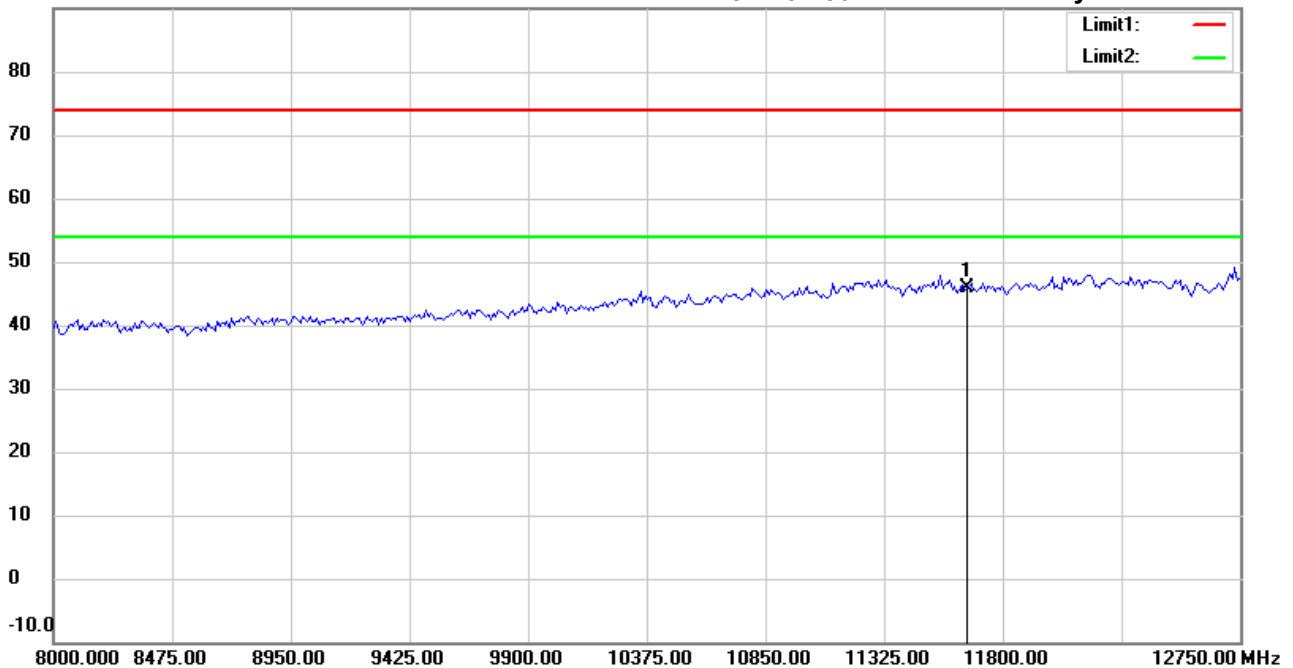
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:31:30 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11650.000       | 34.83          | peak     | 10.97               | 45.80           | 74.00          | 150          | 40             | -28.20      |         |

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



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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

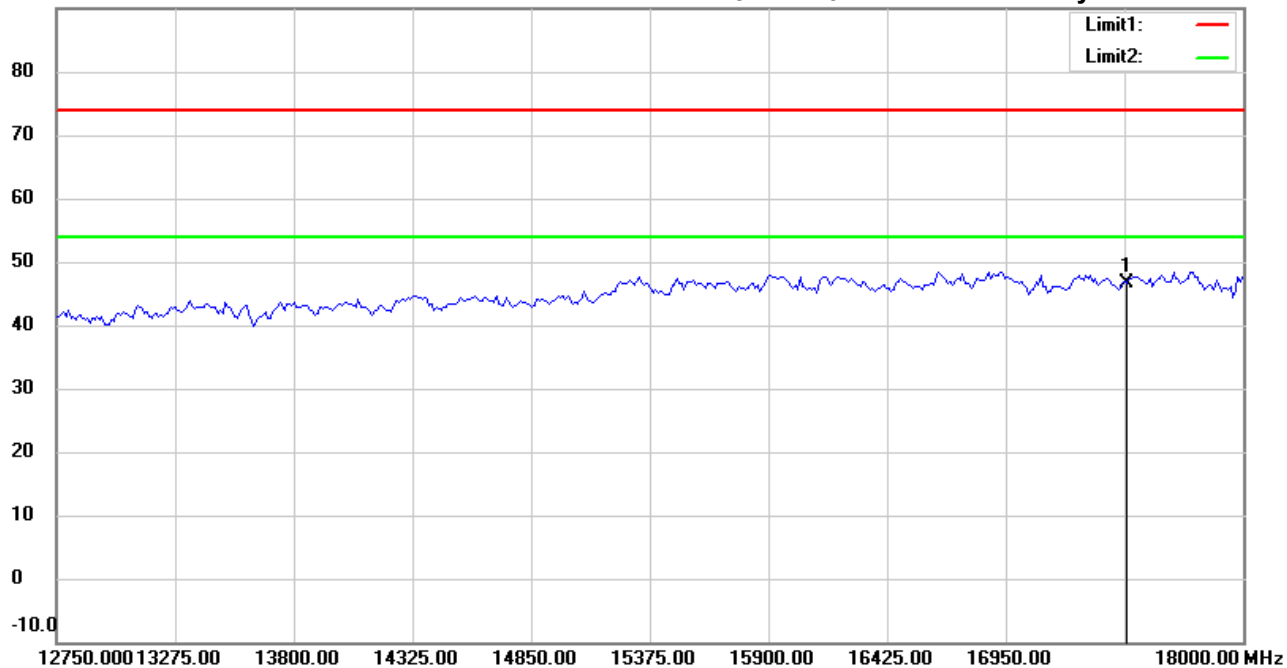
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:27:57 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17475.000       | 26.34          | peak     | 20.33               | 46.67           | 74.00          | 150          | 300            | -27.33      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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Radiated Emission Measurement

Operator: Allen

File :3

Data :#10

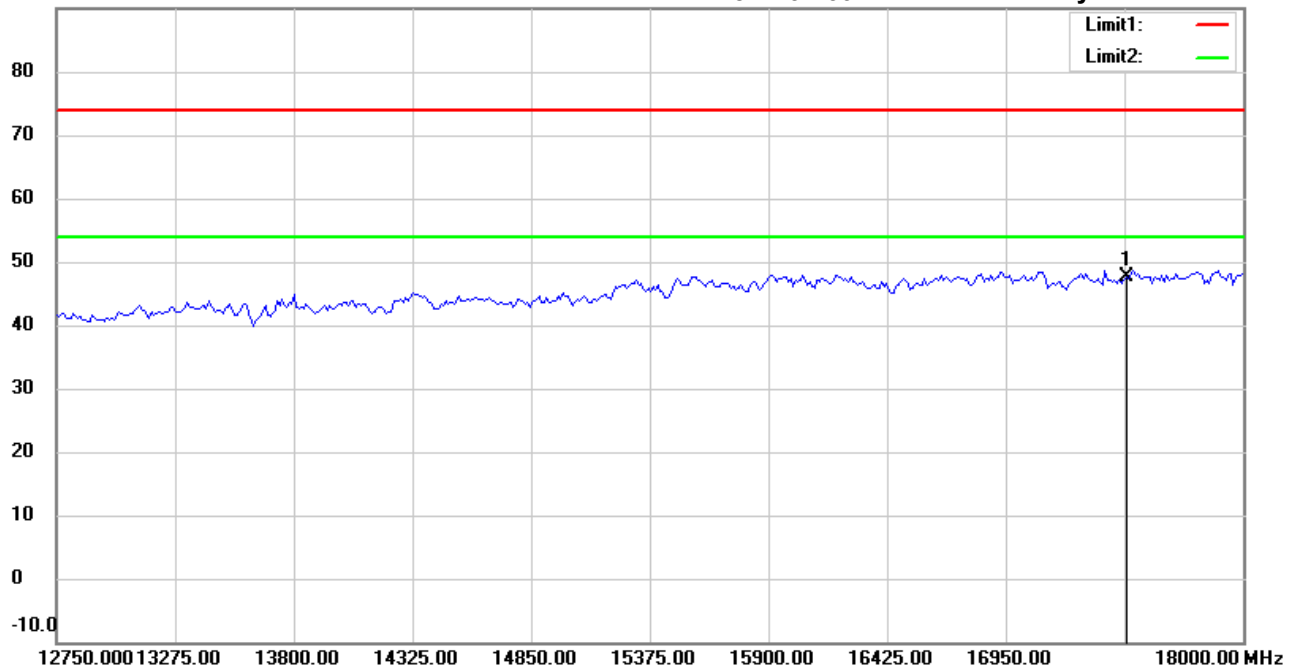
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:32:39 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17475.000       | 27.31          | peak     | 20.33               | 47.64           | 74.00          | 150          | 85             | -26.36      |         |

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#5

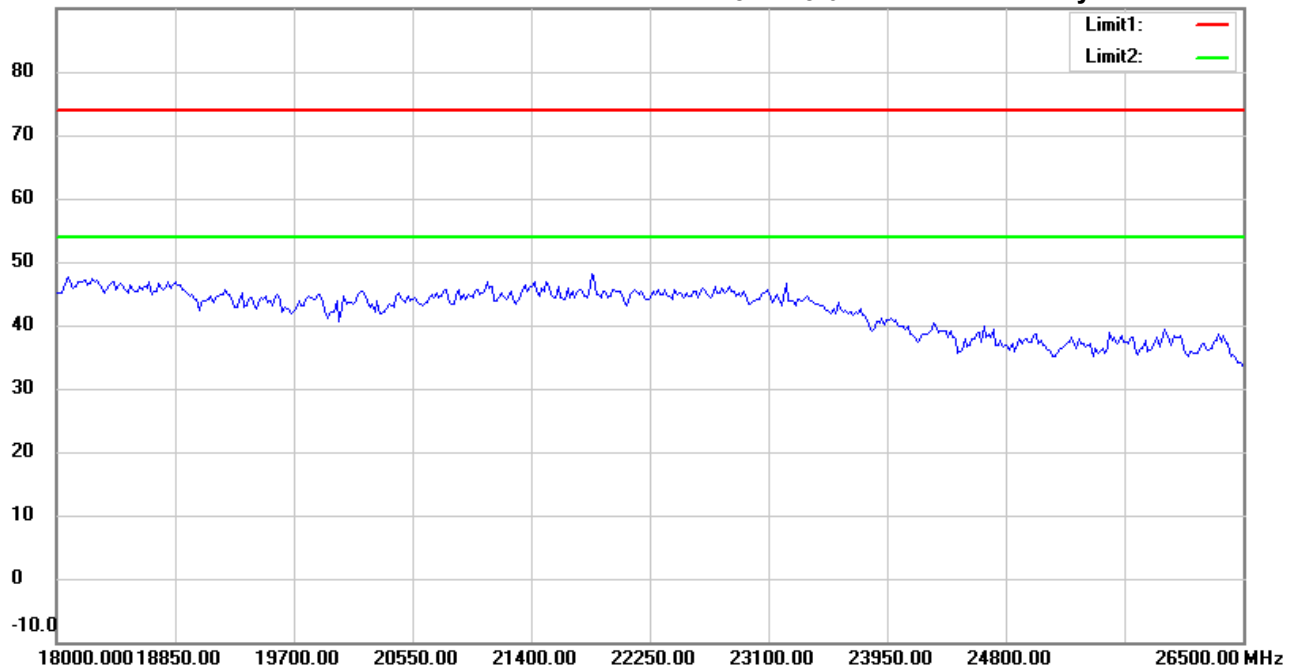
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:28:07 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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### Radiated Emission Measurement

Operator: Allen

File :3

Data :#11

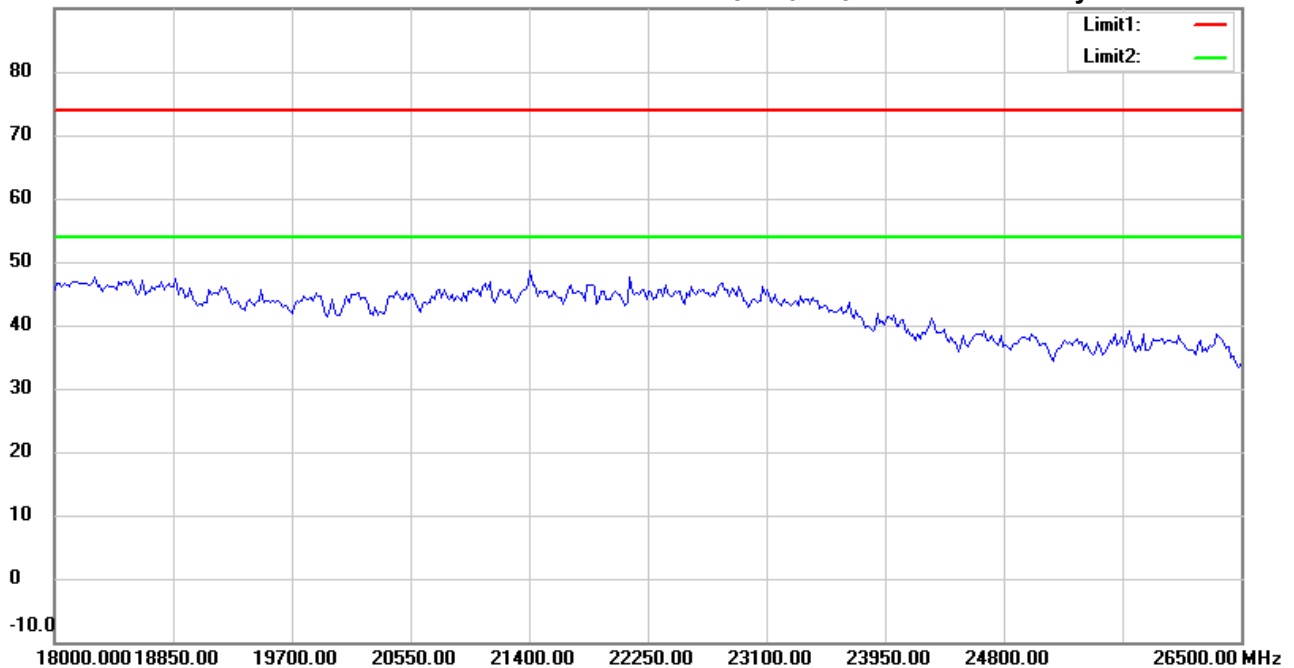
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:32:48 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #6

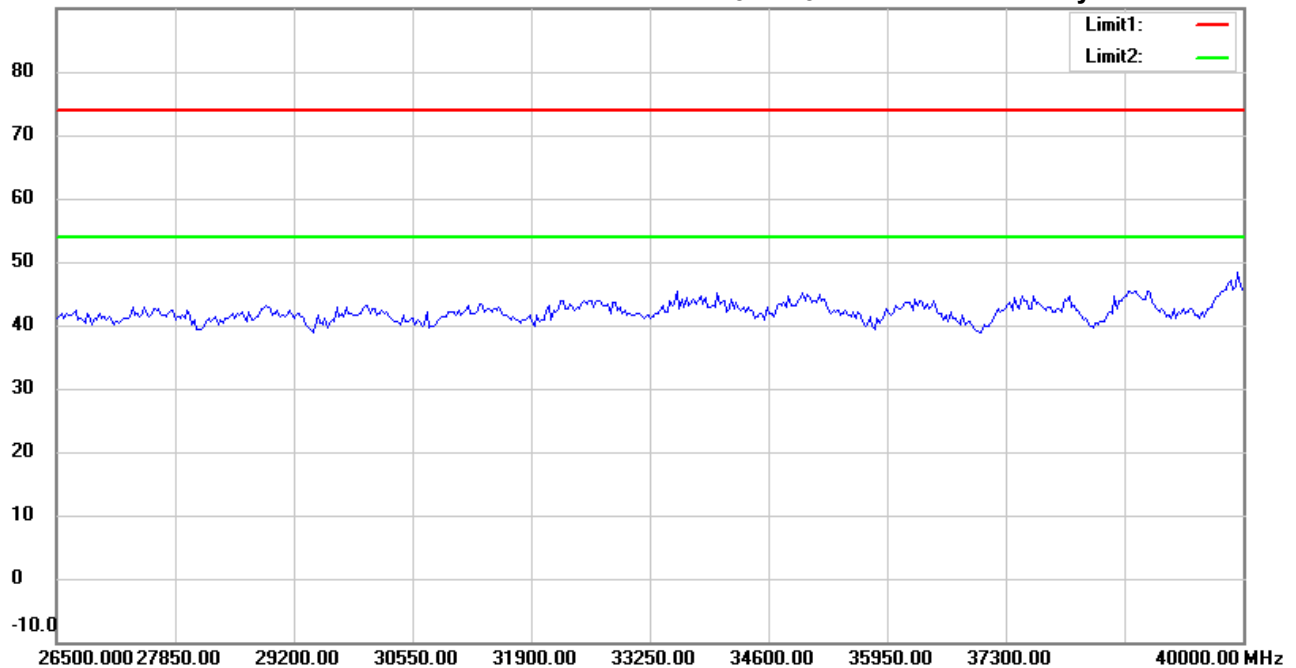
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:28:17 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File :3

Data :#12

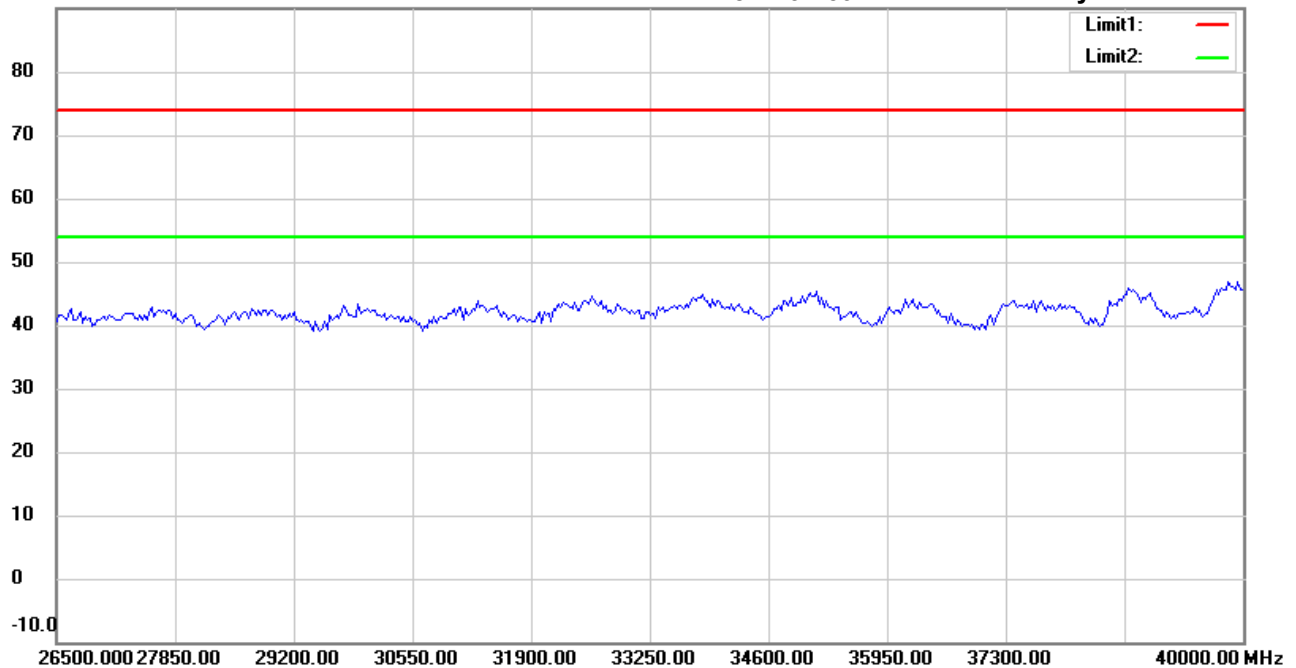
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:32:59 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



## Radiated Emission Measurement

Operator: Allen

File : 1\_WiFi 5G\_ant AB\_TX

Data : #1

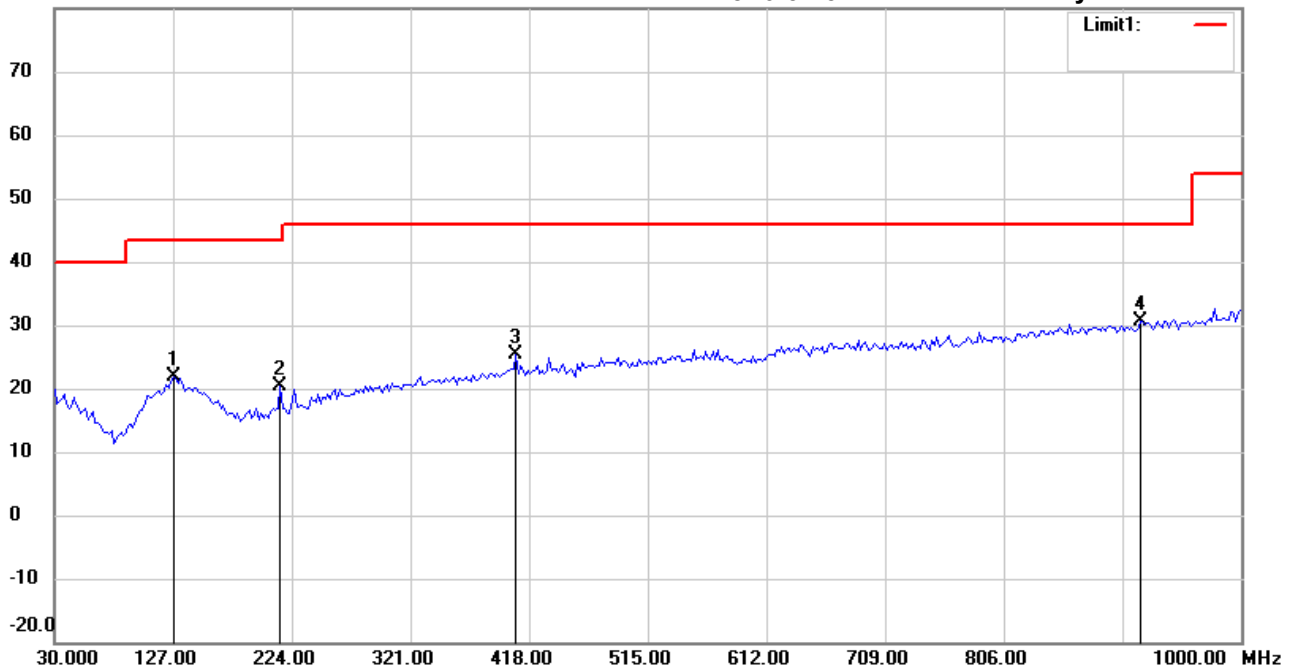
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:52:51 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class E\_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21911-19475

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH38

Note :

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 127.1944        | 28.19          | peak     | -6.37               | 21.82           | 43.50          | 100          | 115            | -21.68      |         |
|     | 214.6691        | 30.94          | peak     | -10.49              | 20.45           | 43.50          | 100          | 270            | -23.05      |         |
|     | 407.1141        | 29.24          | peak     | -3.88               | 25.36           | 46.00          | 100          | 325            | -20.64      |         |
| *   | 918.3567        | 27.04          | peak     | 3.58                | 30.62           | 46.00          | 100          | 0              | -15.38      |         |



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# Radiated Emission Measurement

Operator: Allen

File : 1\_WiFi 5G\_ant AB\_TX

Data : #2

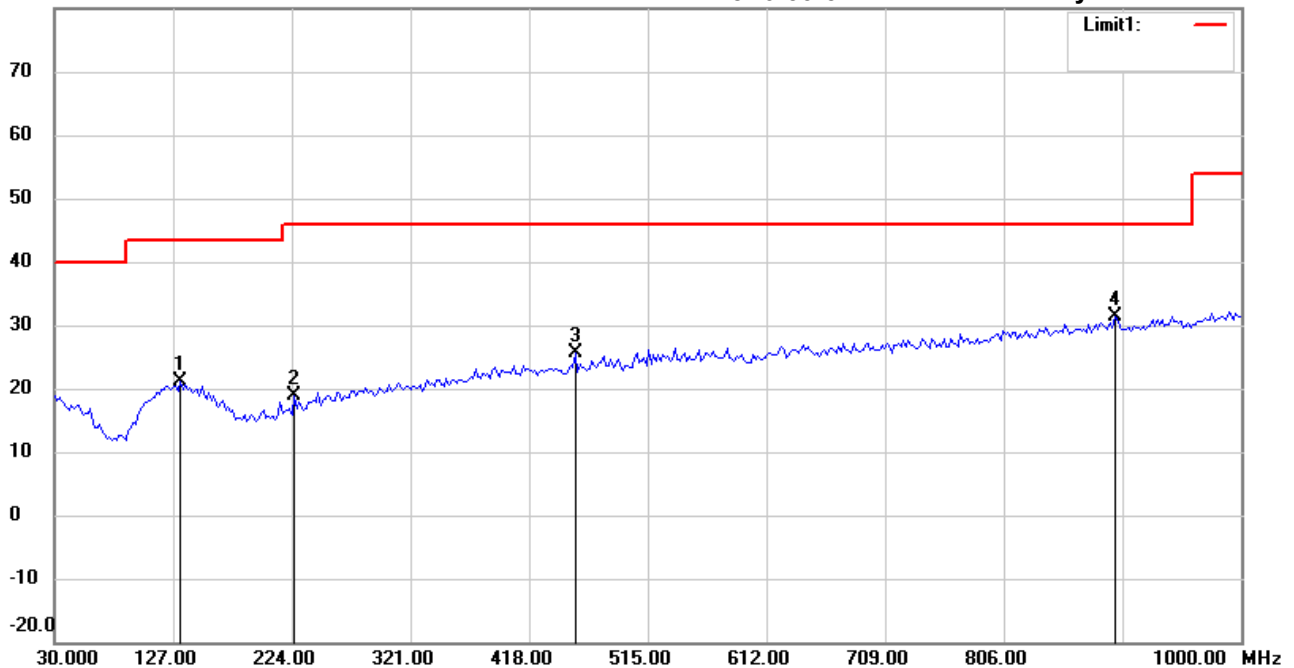
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:53:51 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class E\_30-1000MHz

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 133.0261        | 27.37          | peak     | -6.35               | 21.02           | 43.50          | 100          | 35             | -22.48      |         |
|     | 226.3326        | 28.47          | peak     | -9.48               | 18.99           | 46.00          | 100          | 225            | -27.01      |         |
|     | 455.7114        | 29.23          | peak     | -3.50               | 25.73           | 46.00          | 100          | 185            | -20.27      |         |
| *   | 896.9738        | 28.21          | peak     | 3.18                | 31.39           | 46.00          | 100          | 220            | -14.61      |         |

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



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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

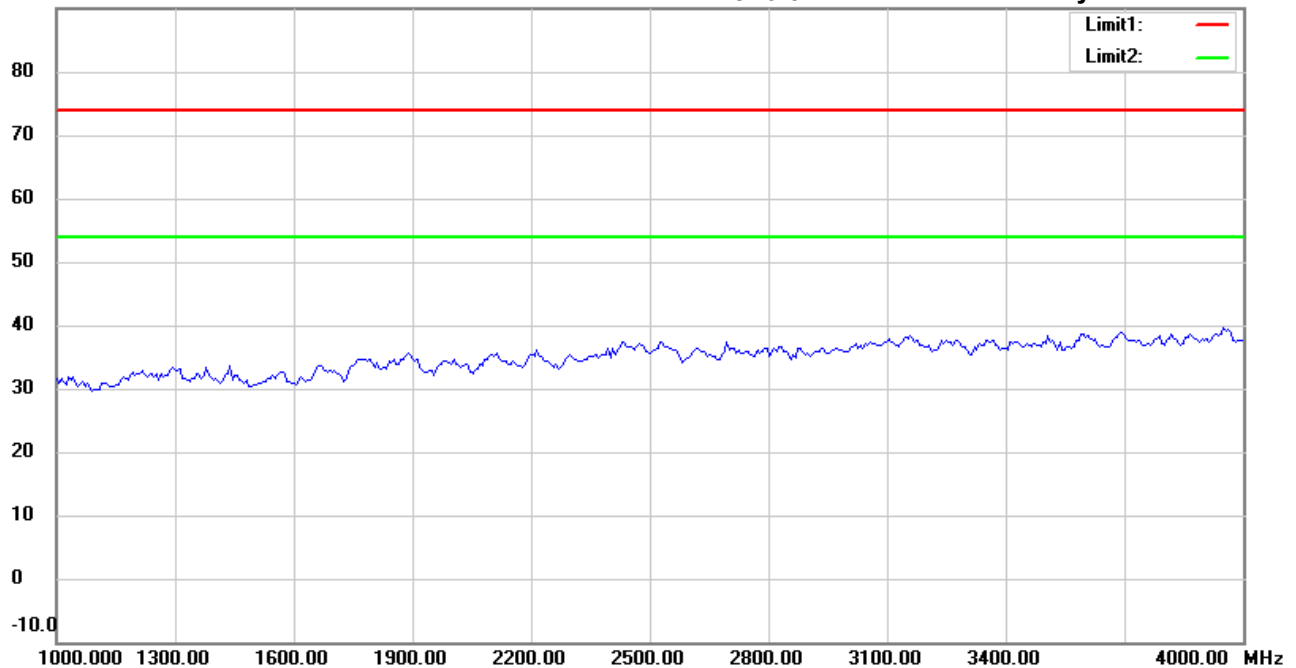
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:37:44 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

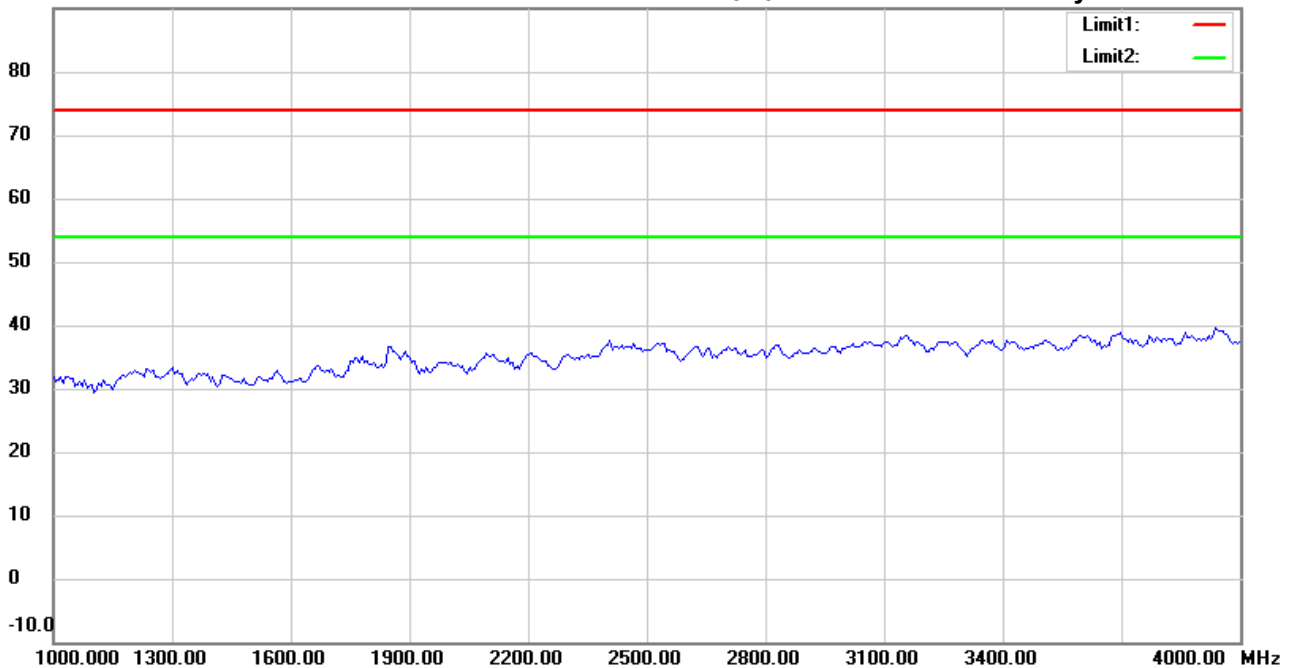
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:42:42 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

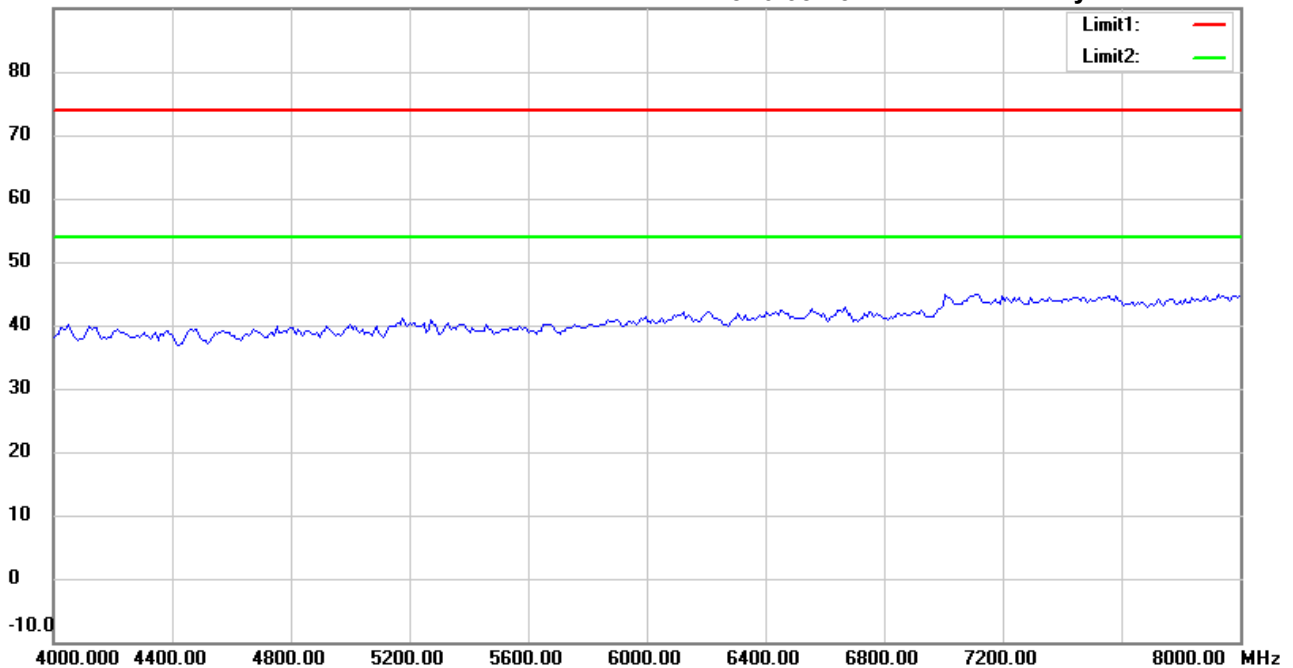
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:38:45 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

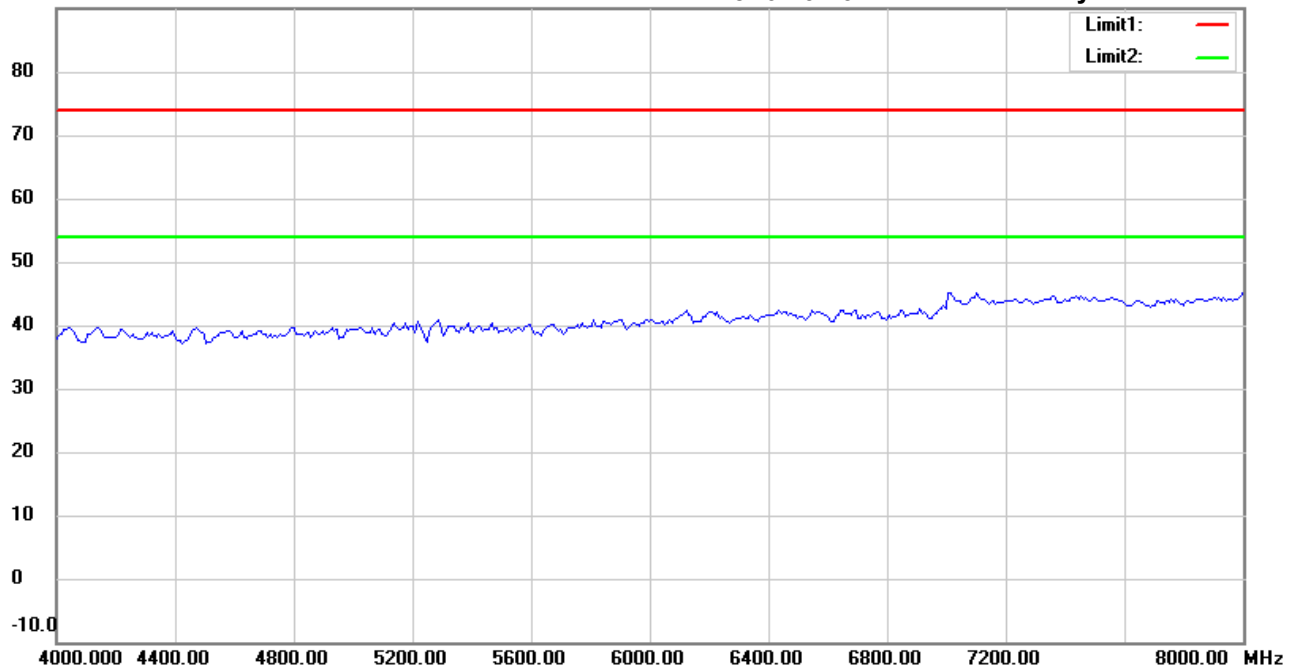
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:43:43 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

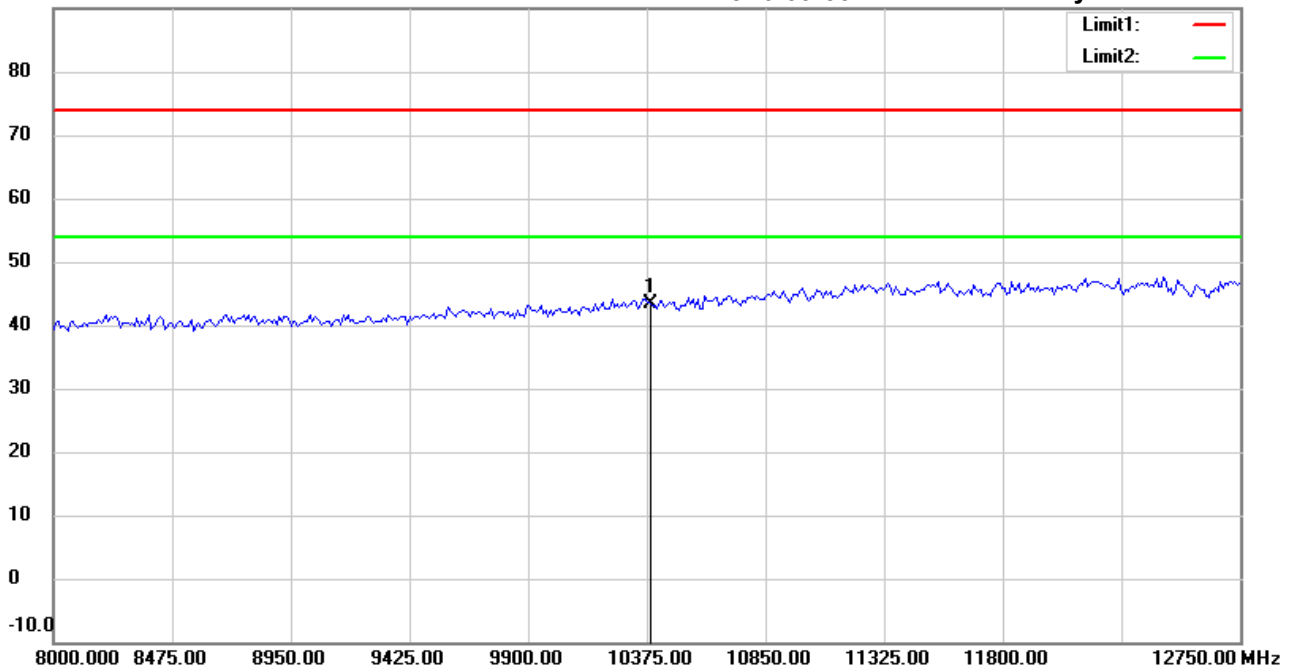
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:39:55 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10380.000       | 35.13          | peak     | 8.22                | 43.35           | 74.00          | 150          | 263            | -30.65      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

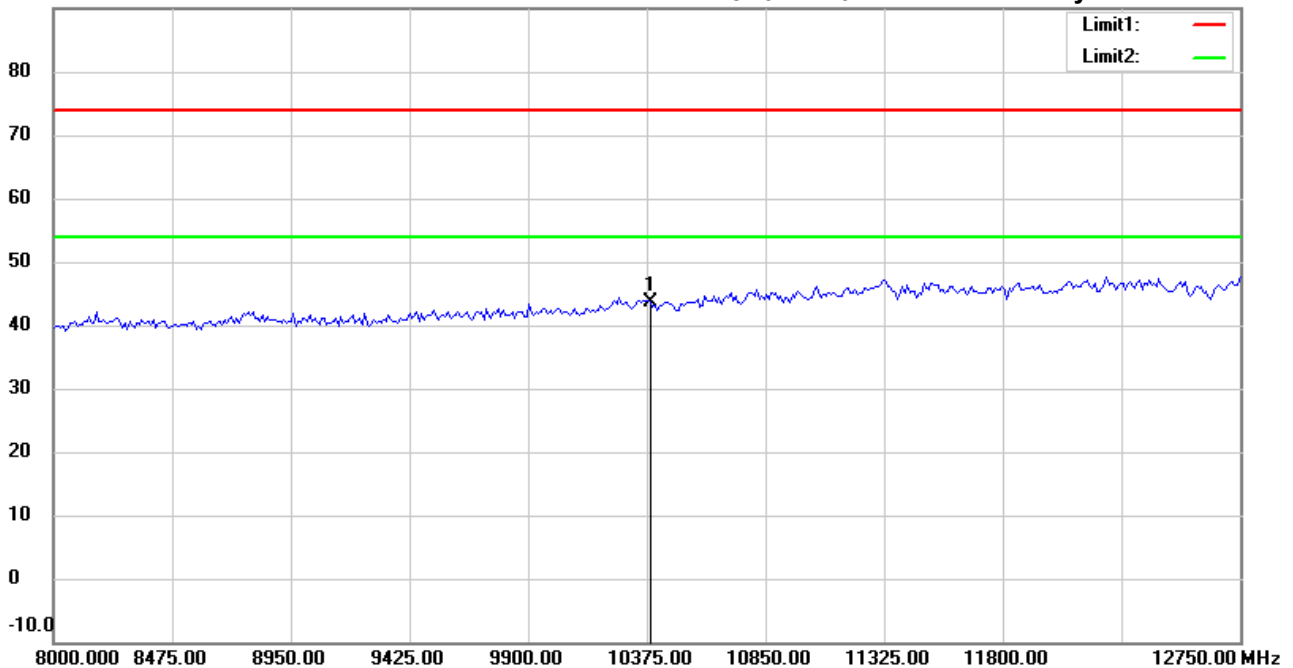
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:44:46 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10380.000       | 35.44          | peak     | 8.22                | 43.66           | 74.00          | 150          | 240            | -30.34      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

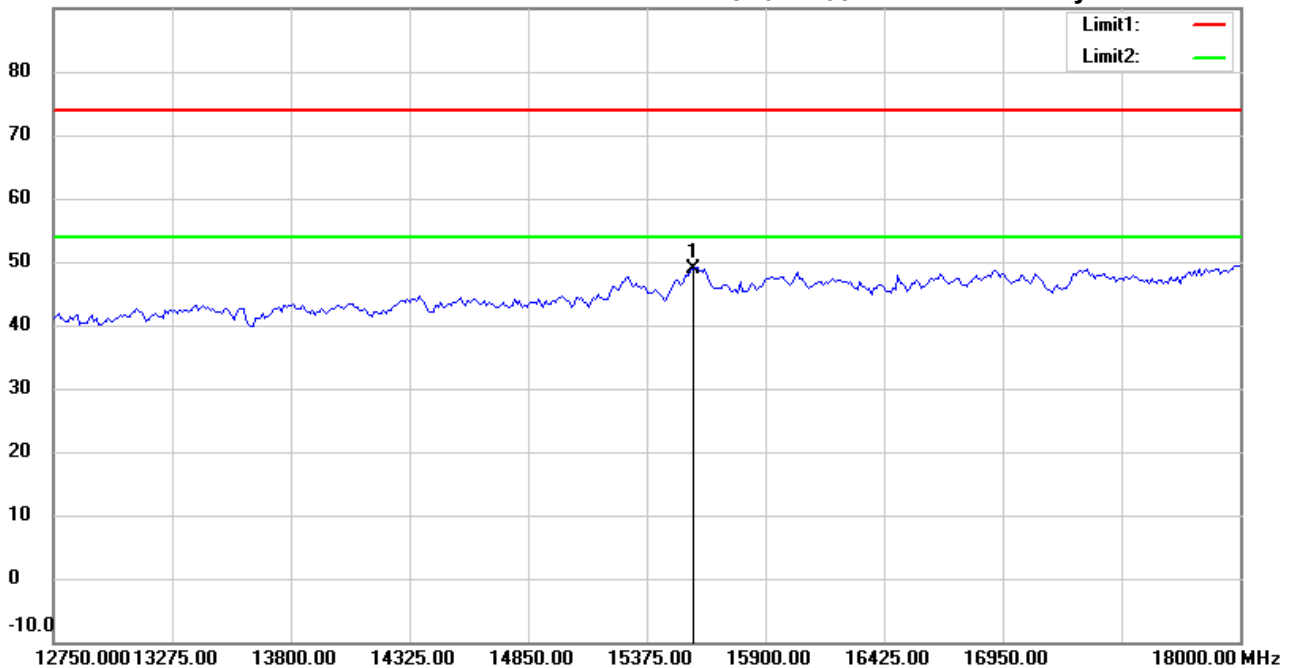
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:41:05 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15570.000       | 29.59          | peak     | 19.36               | 48.95           | 74.00          | 150          | 270            | -25.05      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

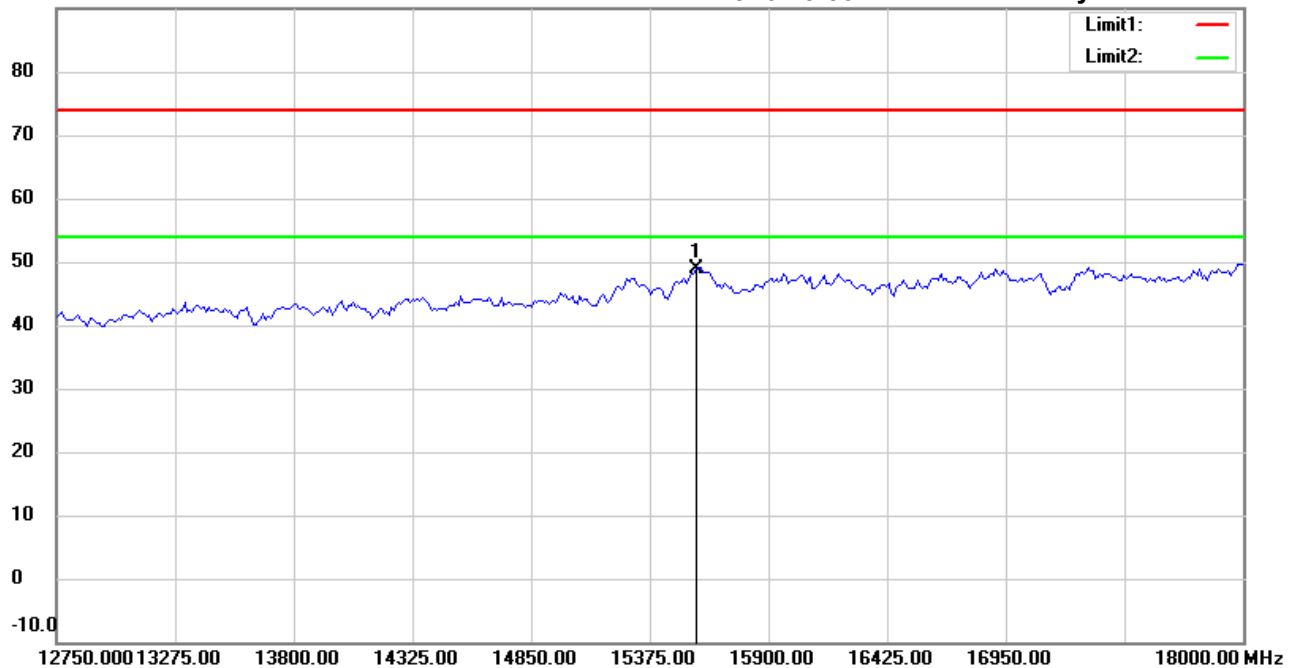
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:45:56 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15570.000       | 29.62          | peak     | 19.36               | 48.98           | 74.00          | 150          | 80             | -25.02      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

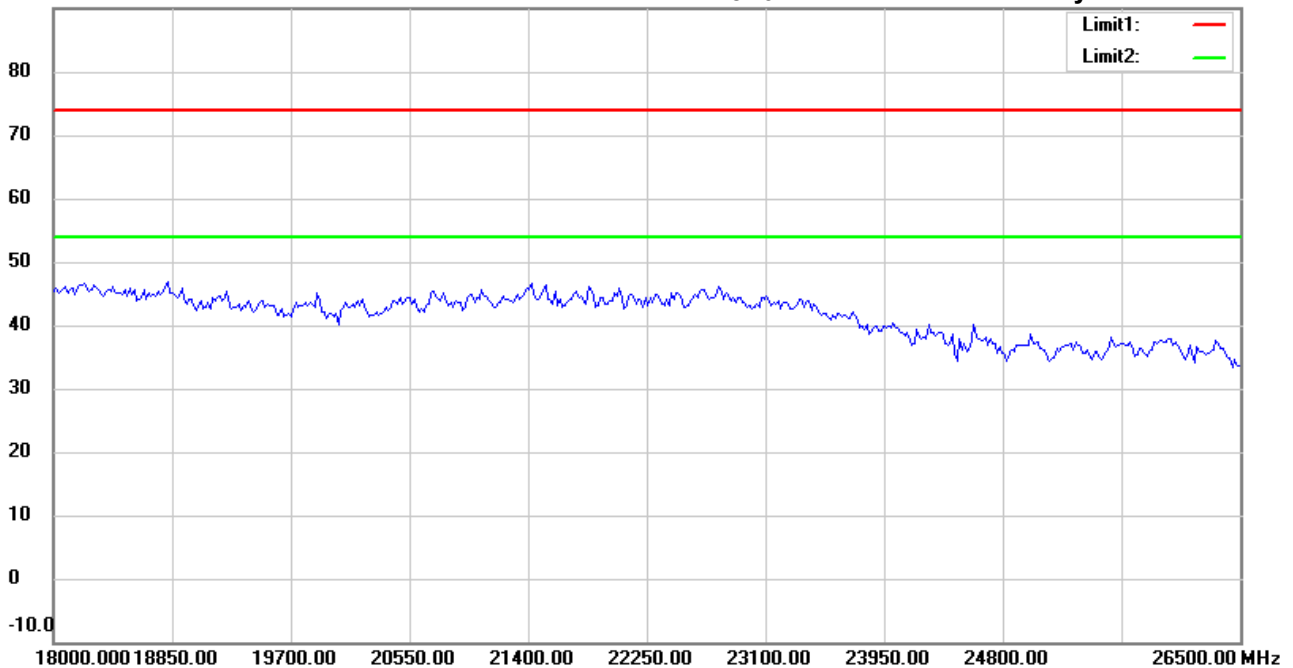
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:41:14 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #11

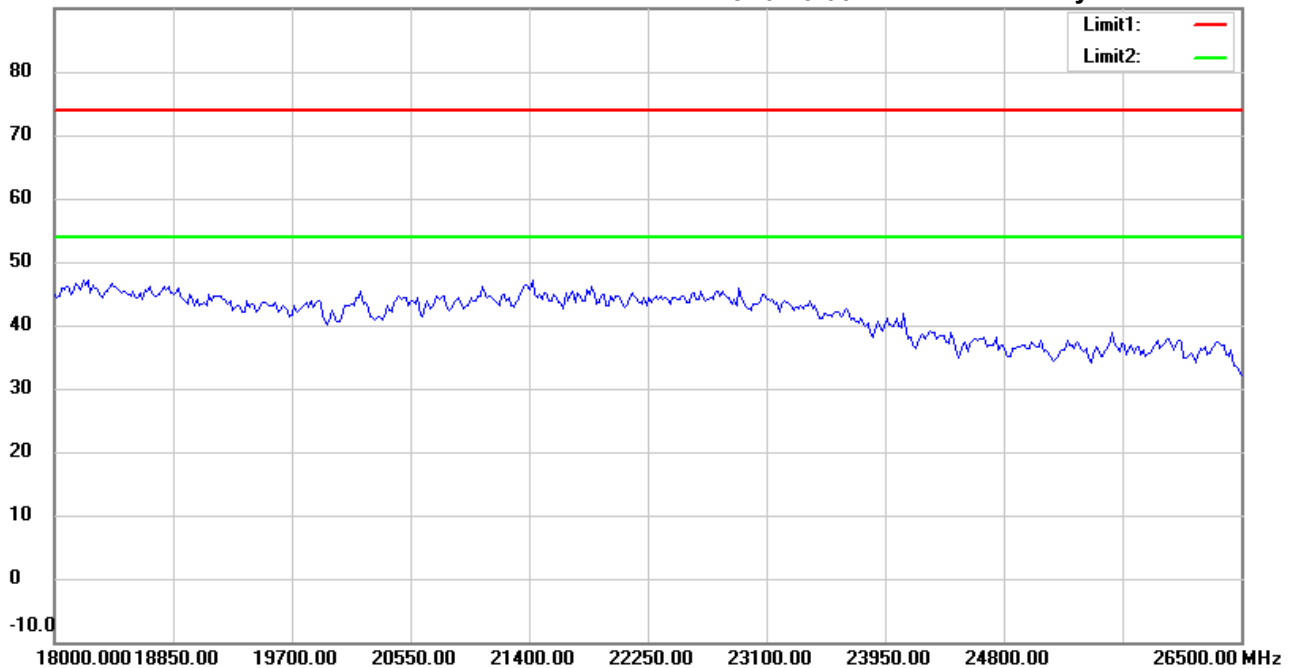
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:46:06 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

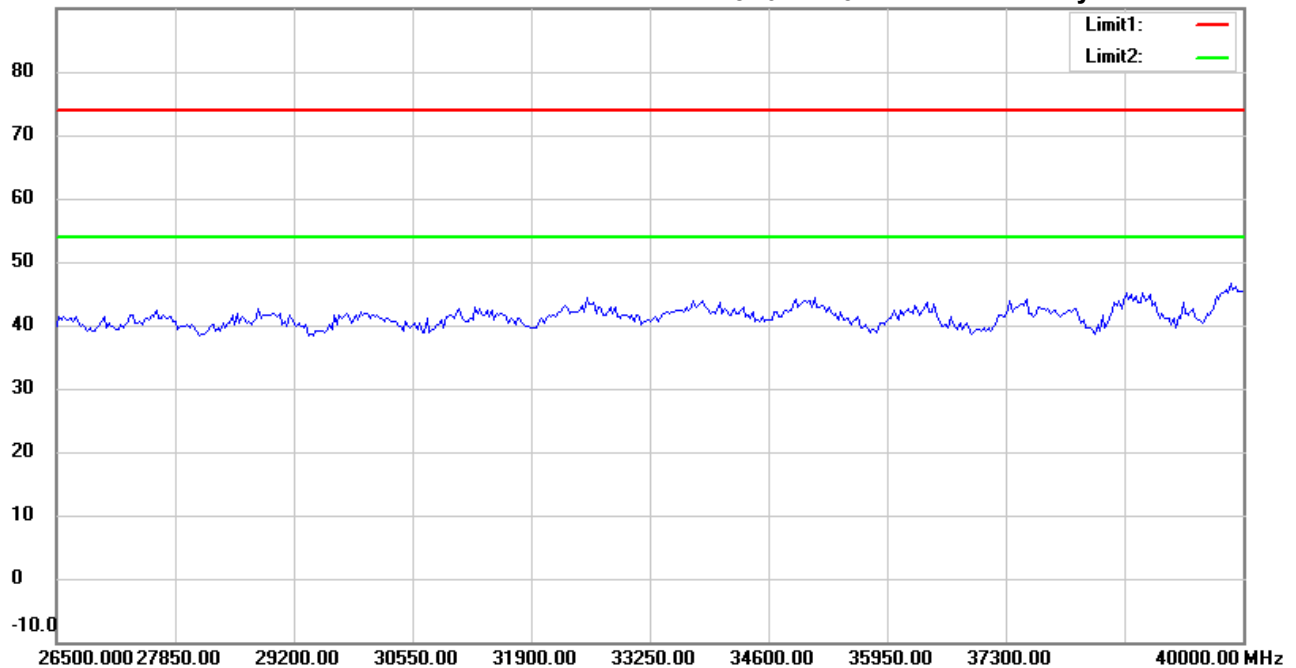
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:41:25 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #12

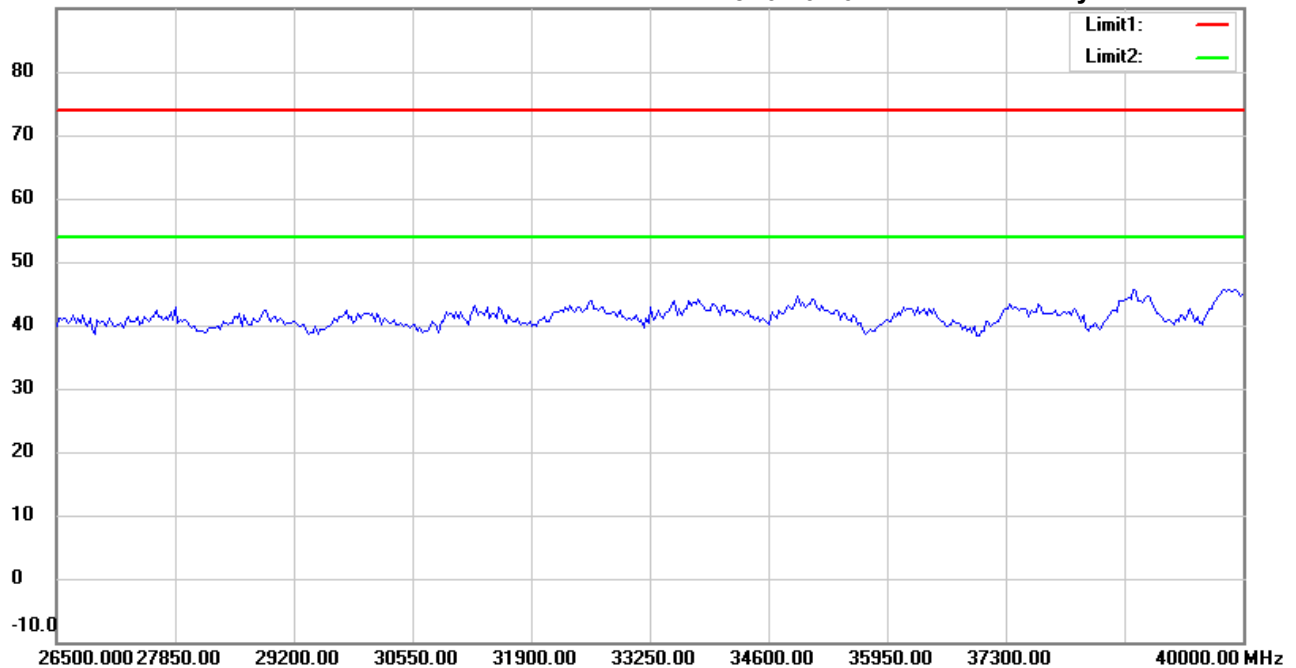
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:46:16 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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### Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

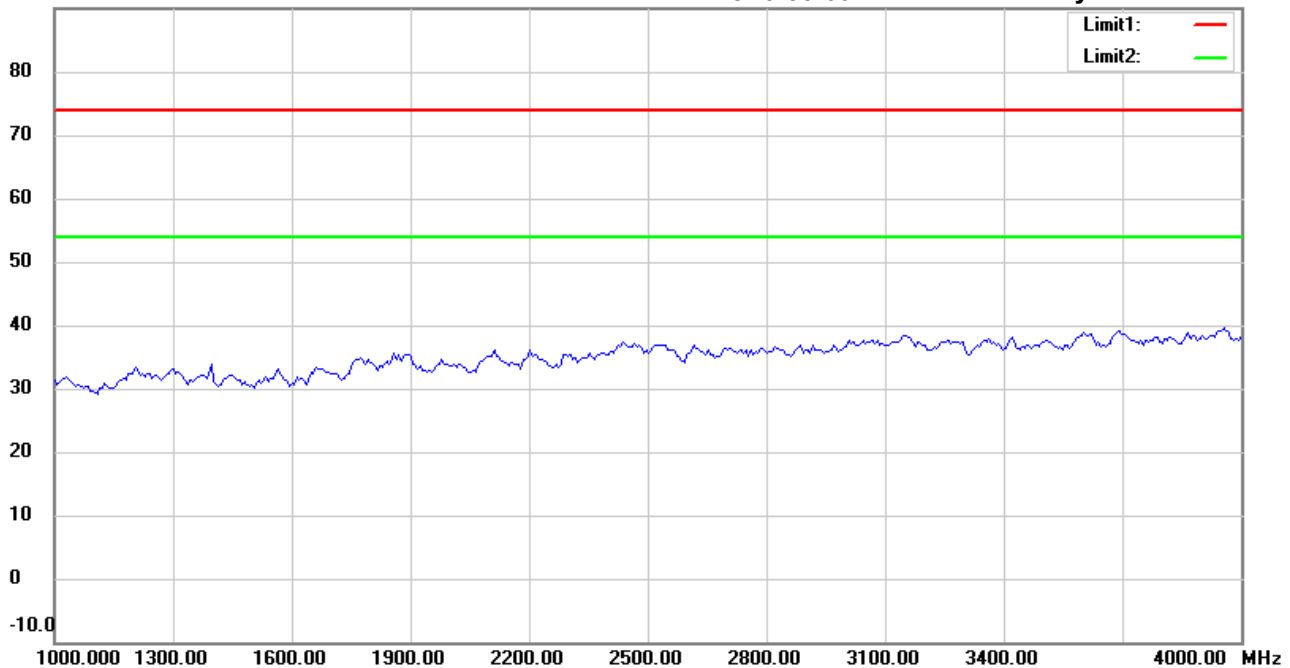
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:55:09 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

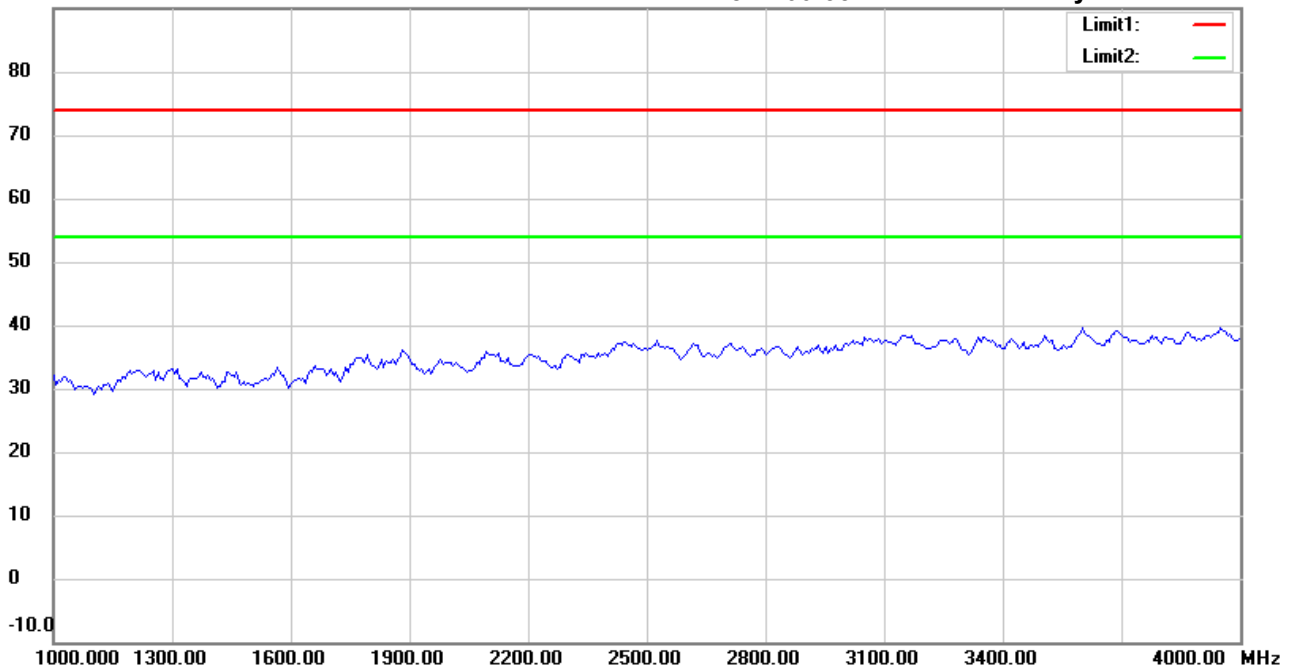
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 7:00:35 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

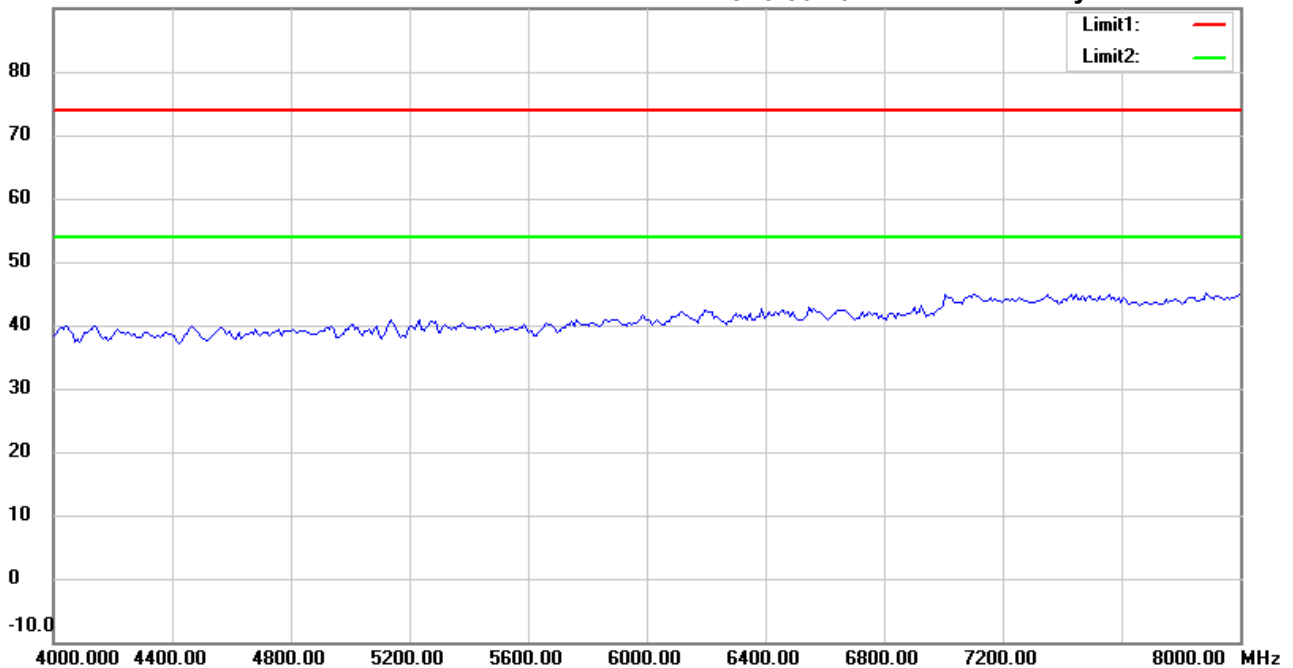
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:56:10 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

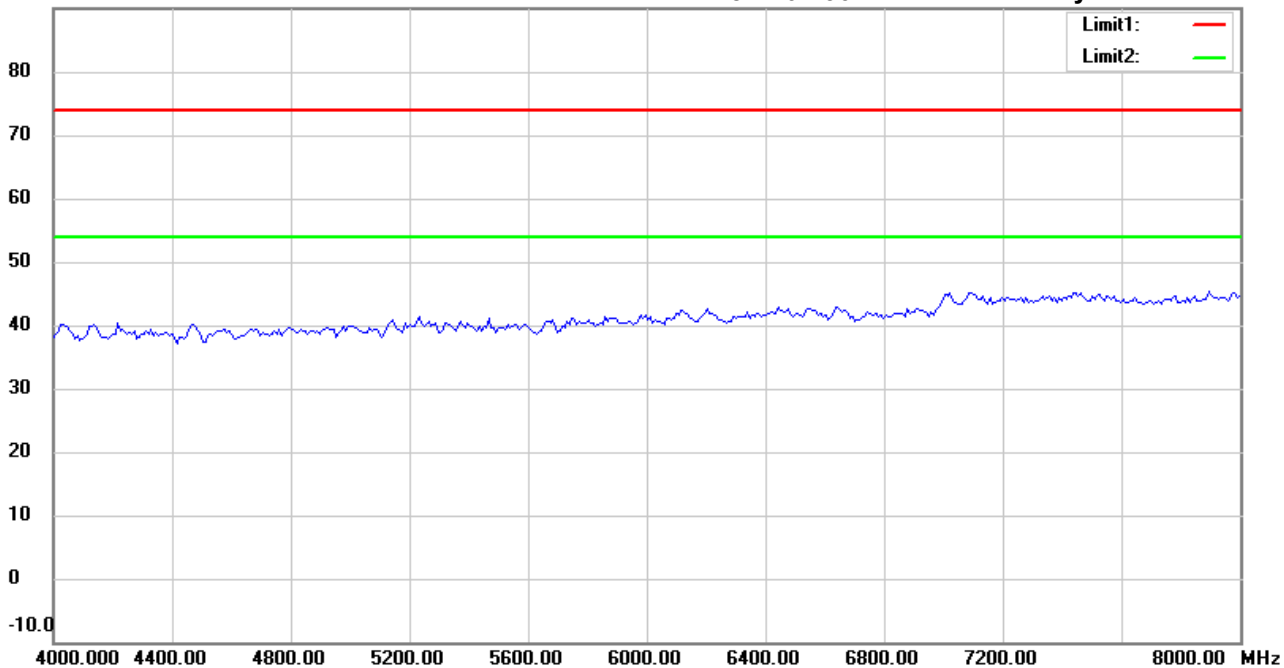
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:01:36 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

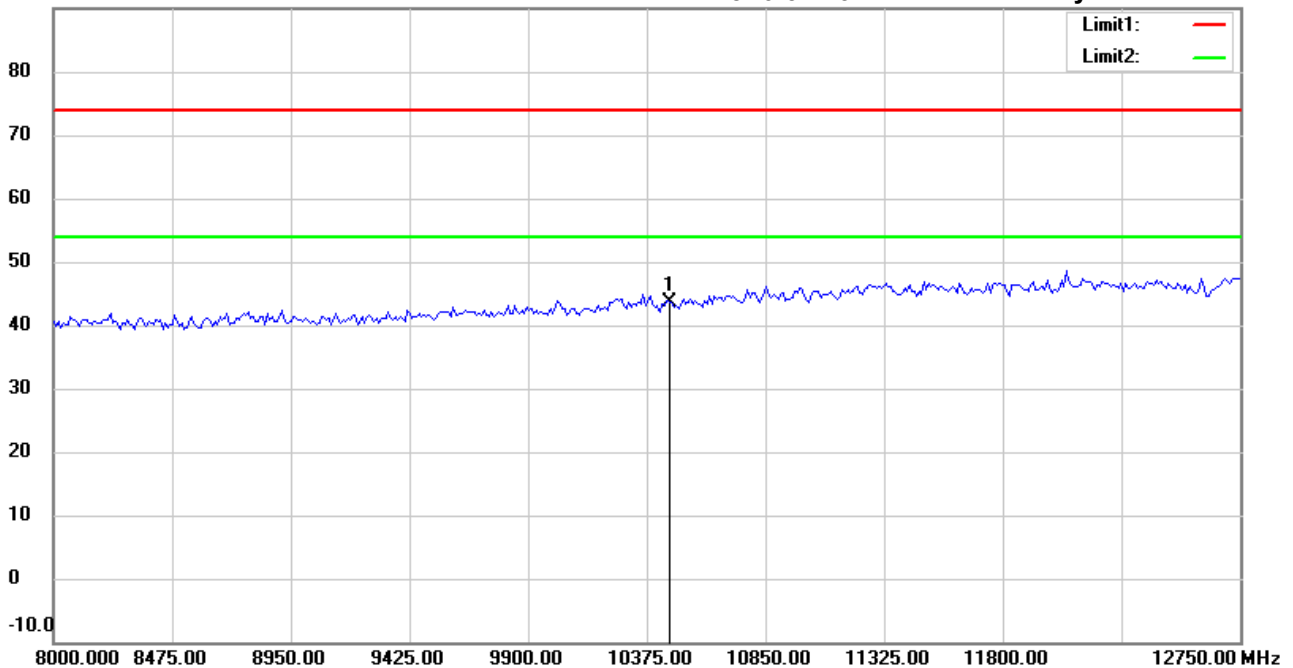
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:57:43 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10460.000       | 35.35          | peak     | 8.40                | 43.75           | 74.00          | 150          | 23             | -30.25      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

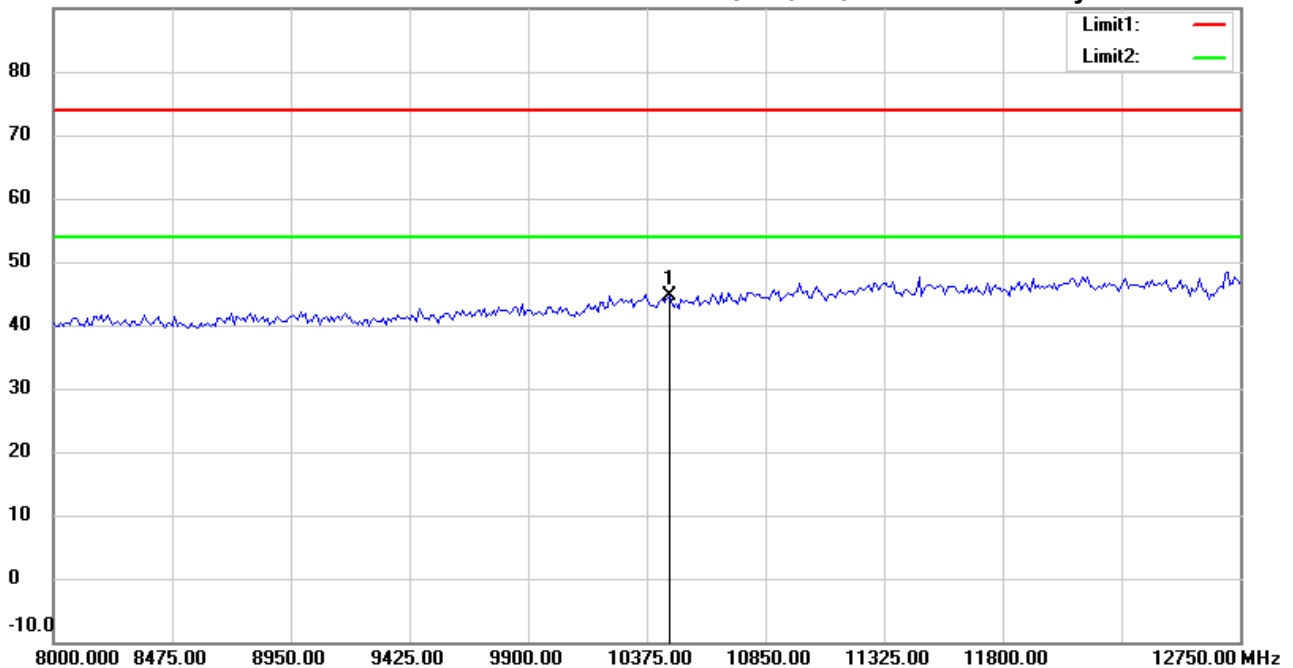
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:02:49 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 10460.000       | 36.19          | peak     | 8.40                | 44.59           | 74.00          | 150          | 255            | -29.41      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

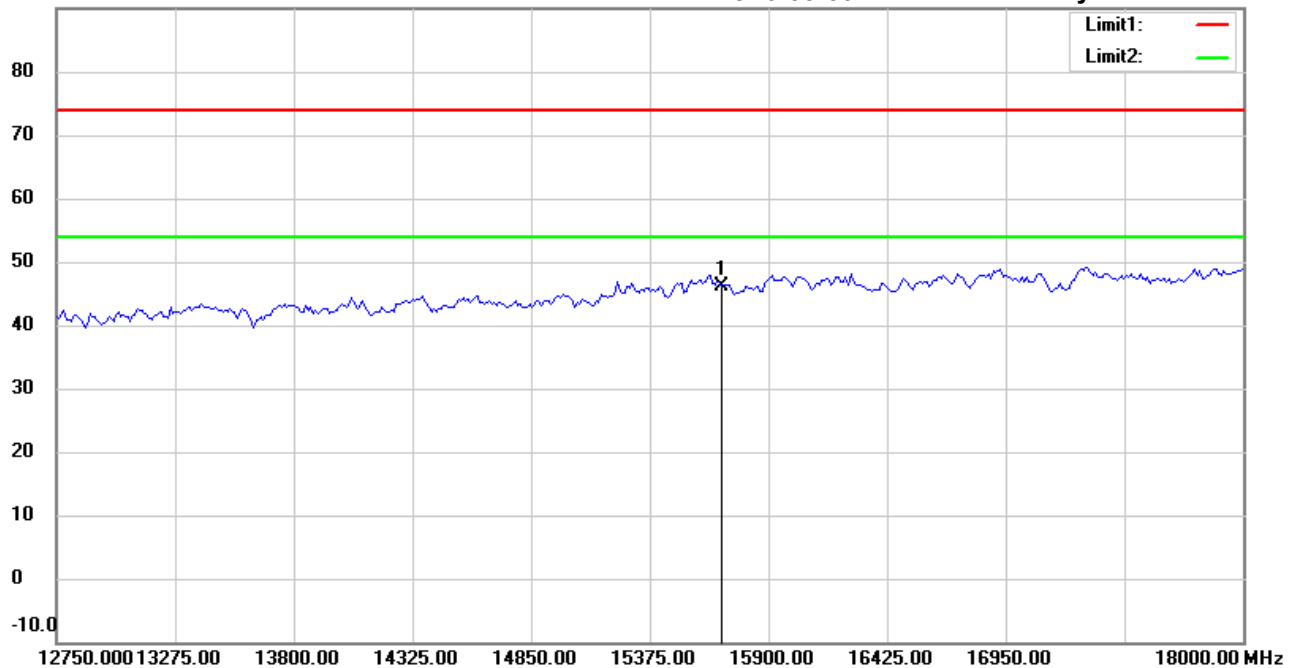
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:58:53 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15690.000       | 28.52          | peak     | 17.61               | 46.13           | 74.00          | 150          | 270            | -27.87      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

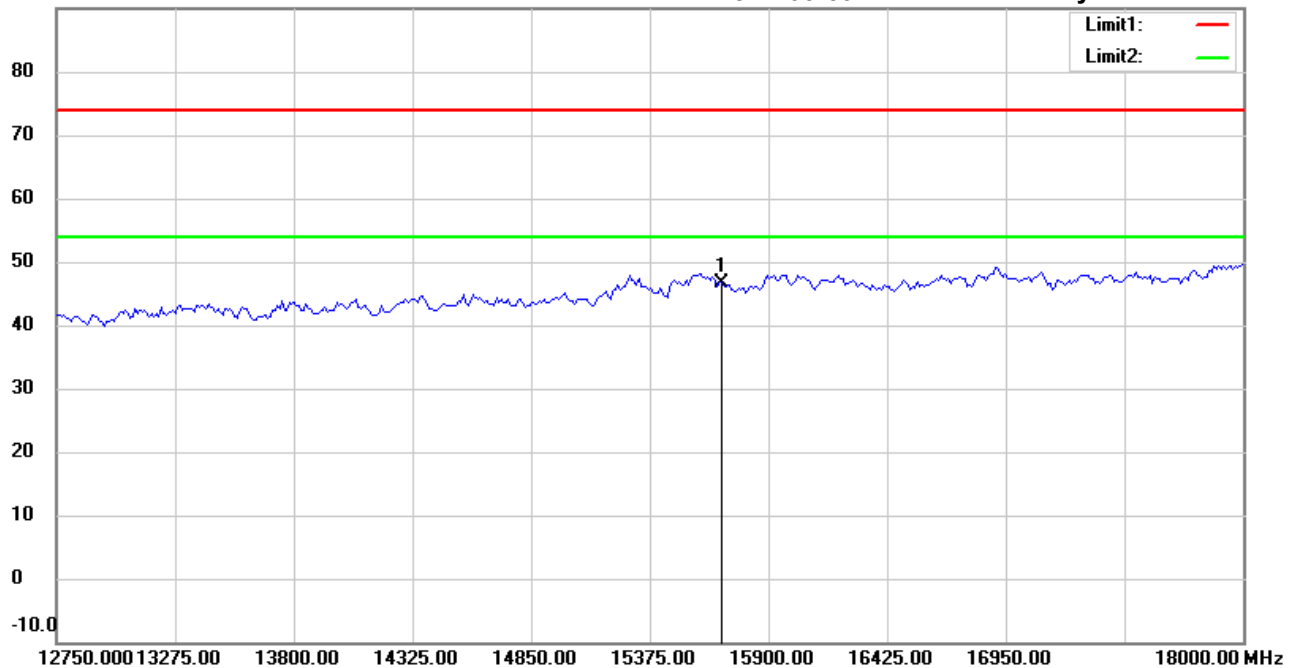
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:03:59 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 15690.000       | 29.02          | peak     | 17.61               | 46.63           | 74.00          | 150          | 163            | -27.37      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

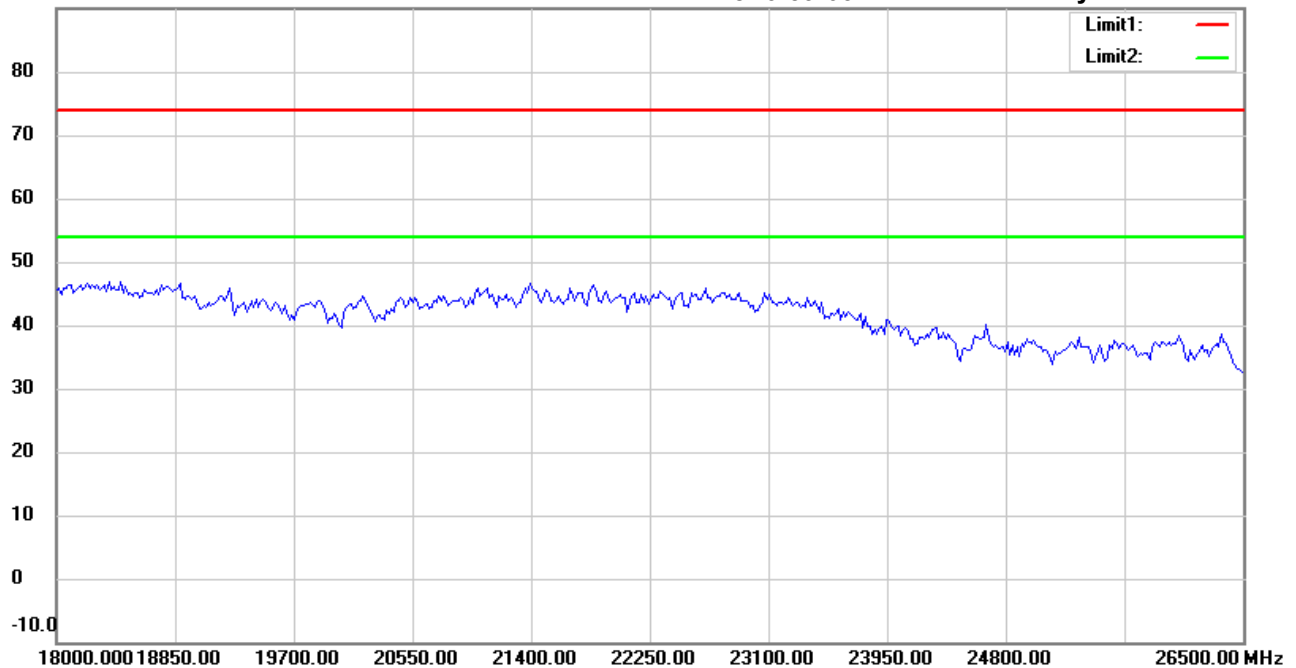
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:59:03 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #11

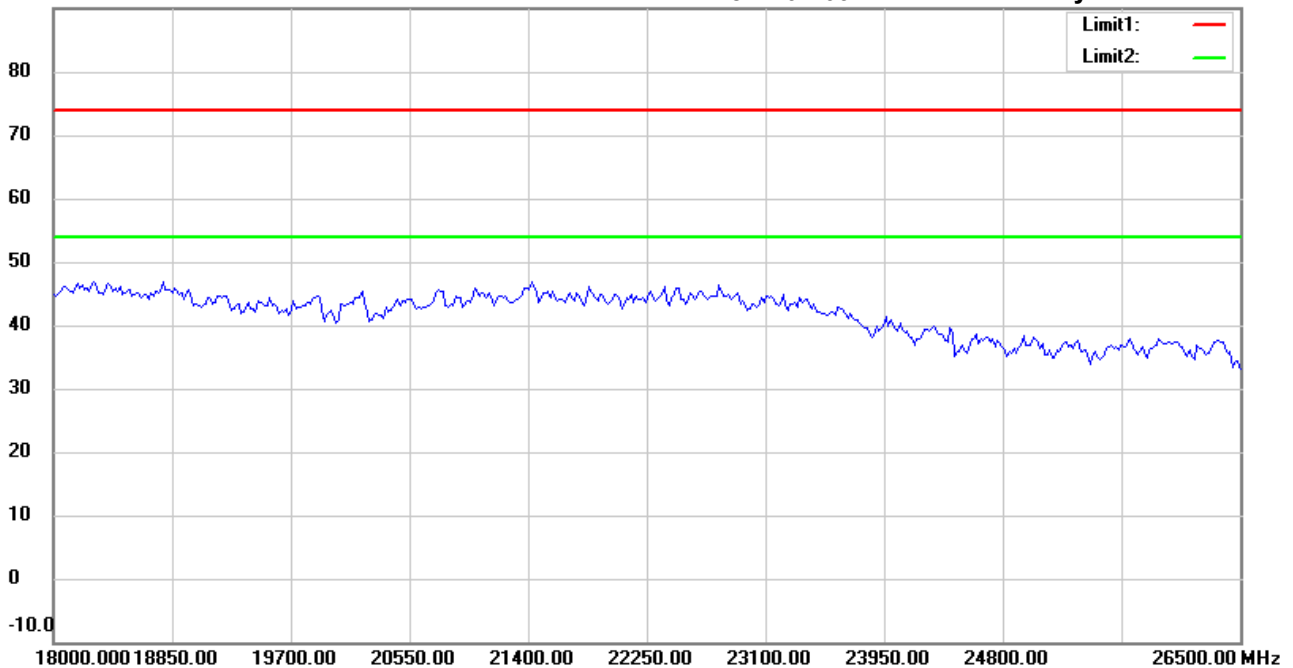
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:04:09 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

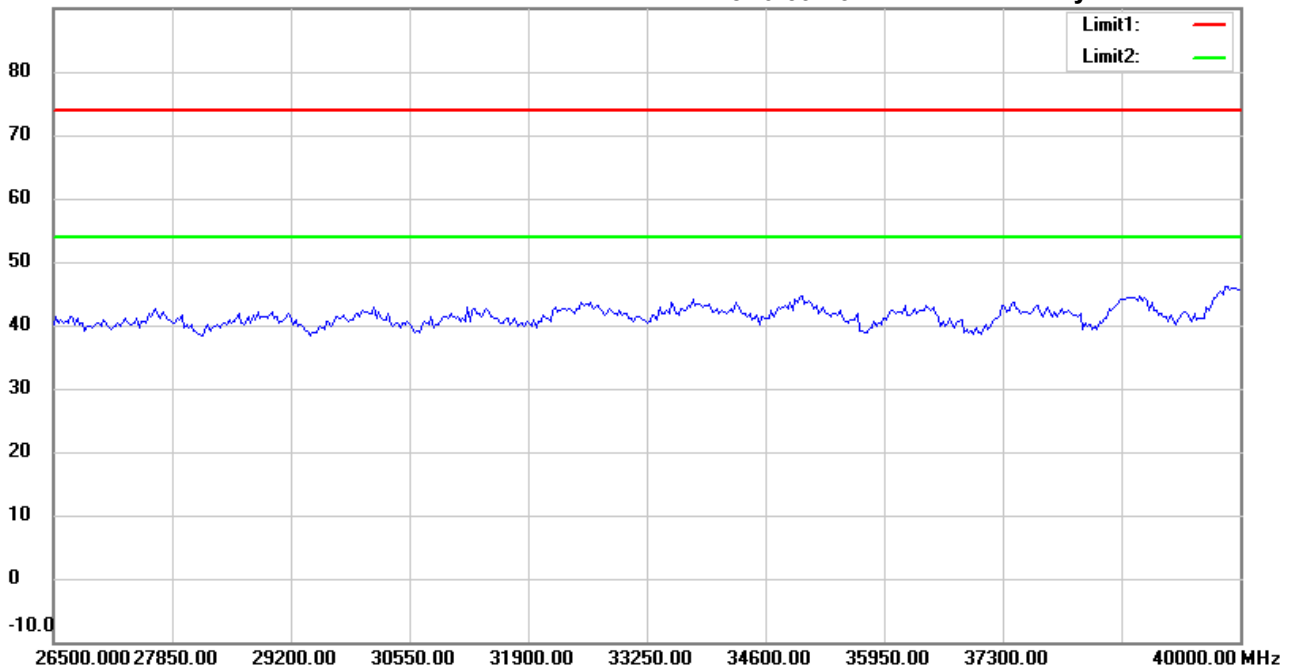
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:59:13 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei-hu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #12

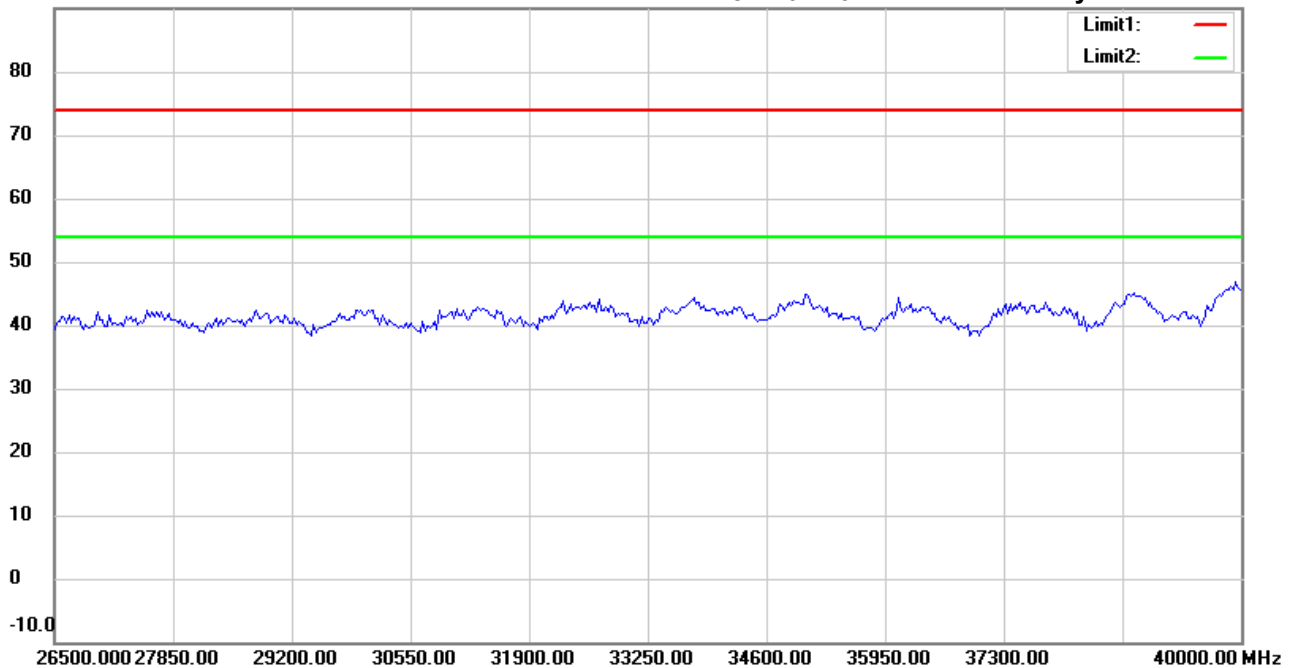
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:04:19 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
Fax:+886-2-6606-8875

### Radiated Emission Measurement

Operator: Allen

File :3

Data :#1

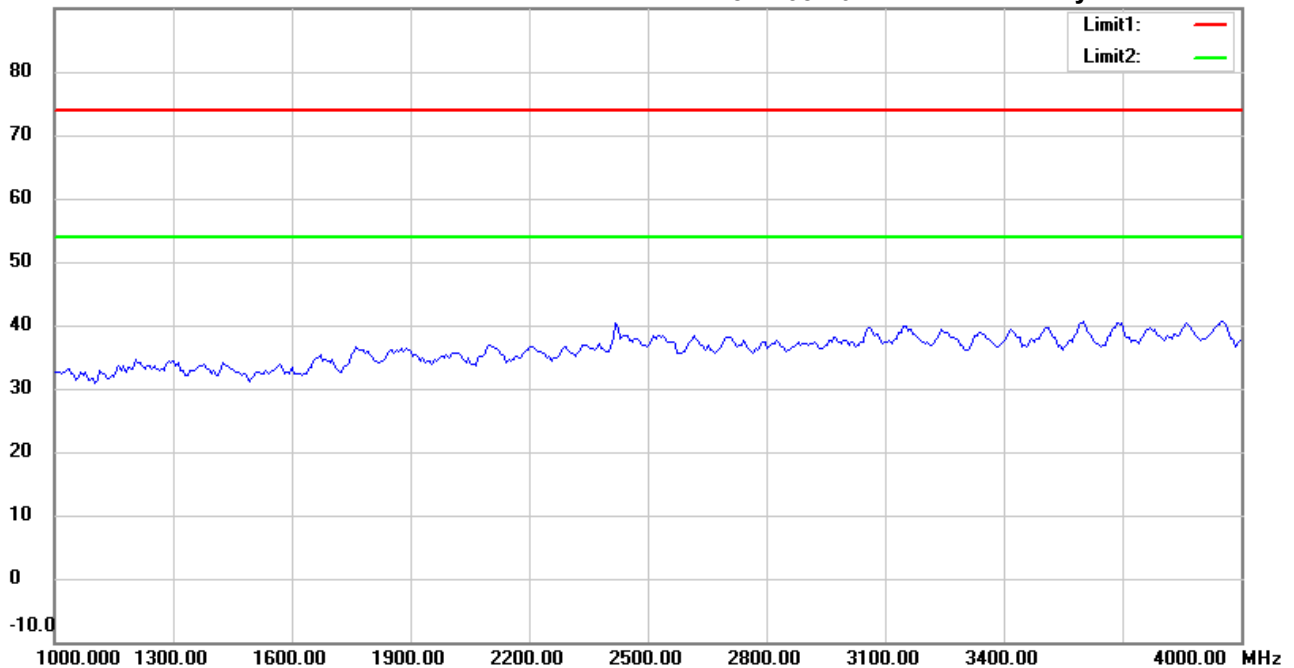
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:38:40 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

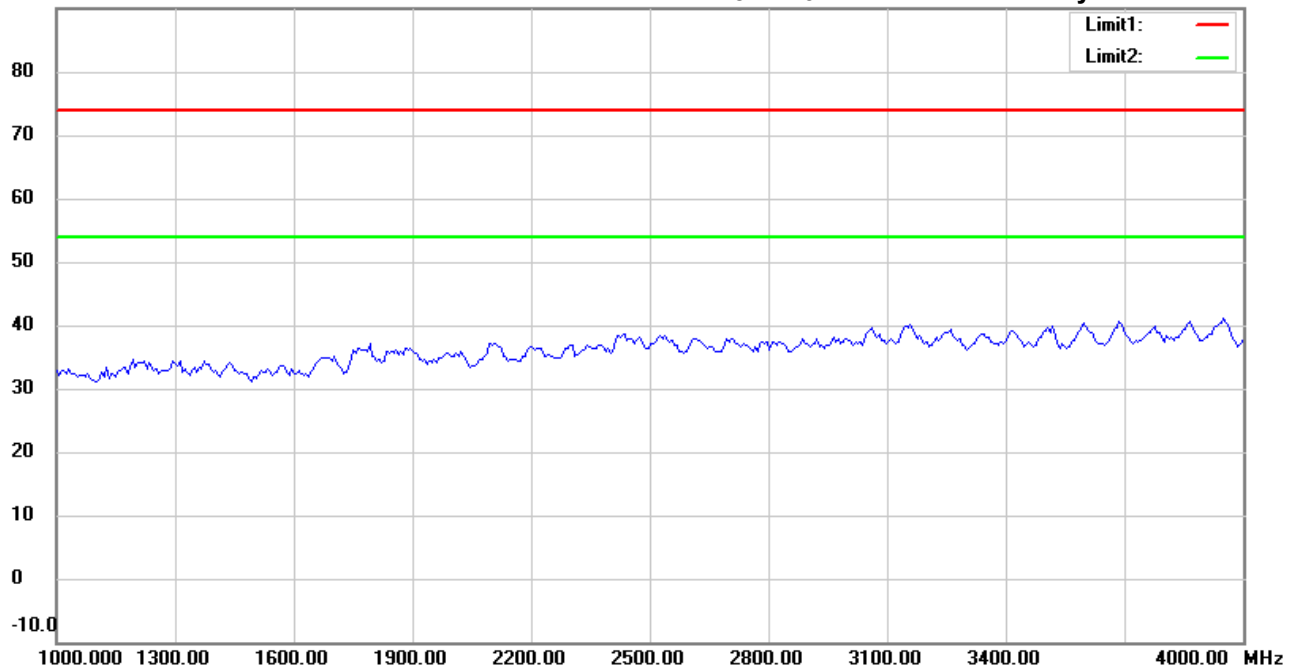
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:43:22 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#2

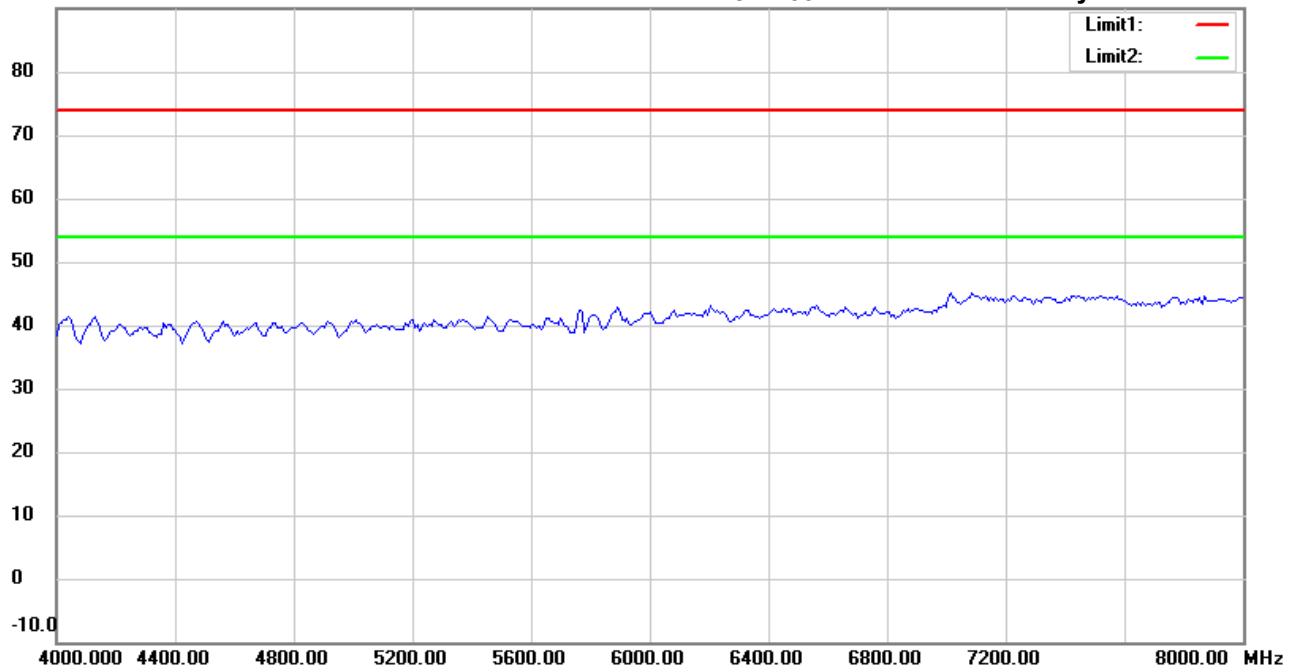
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:39:41 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

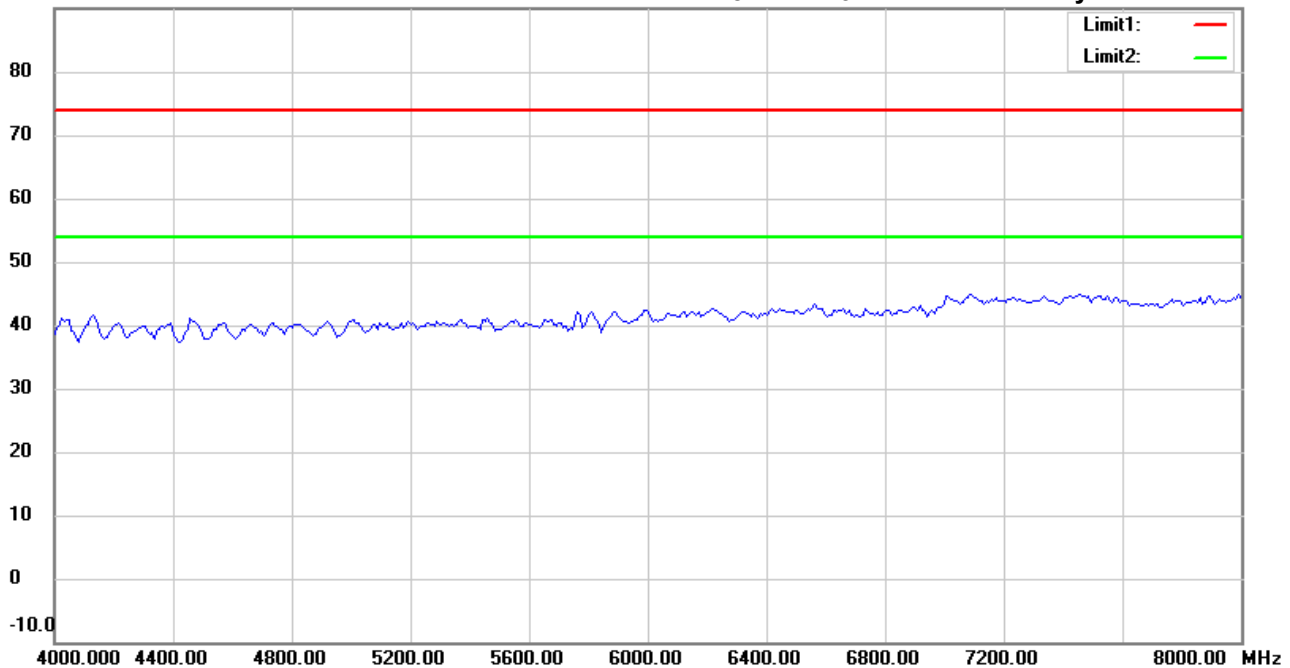
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:44:23 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

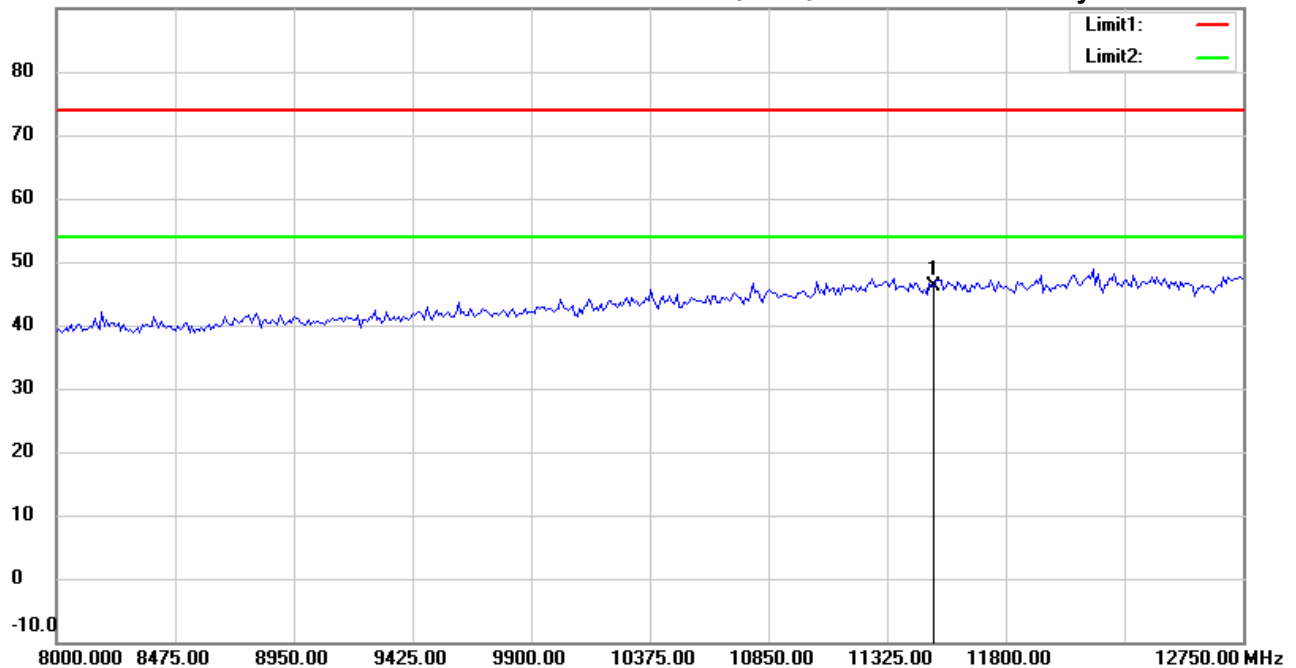
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:40:47 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11510.000       | 34.74          | peak     | 11.39               | 46.13           | 74.00          | 150          | 0              | -27.87      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#9

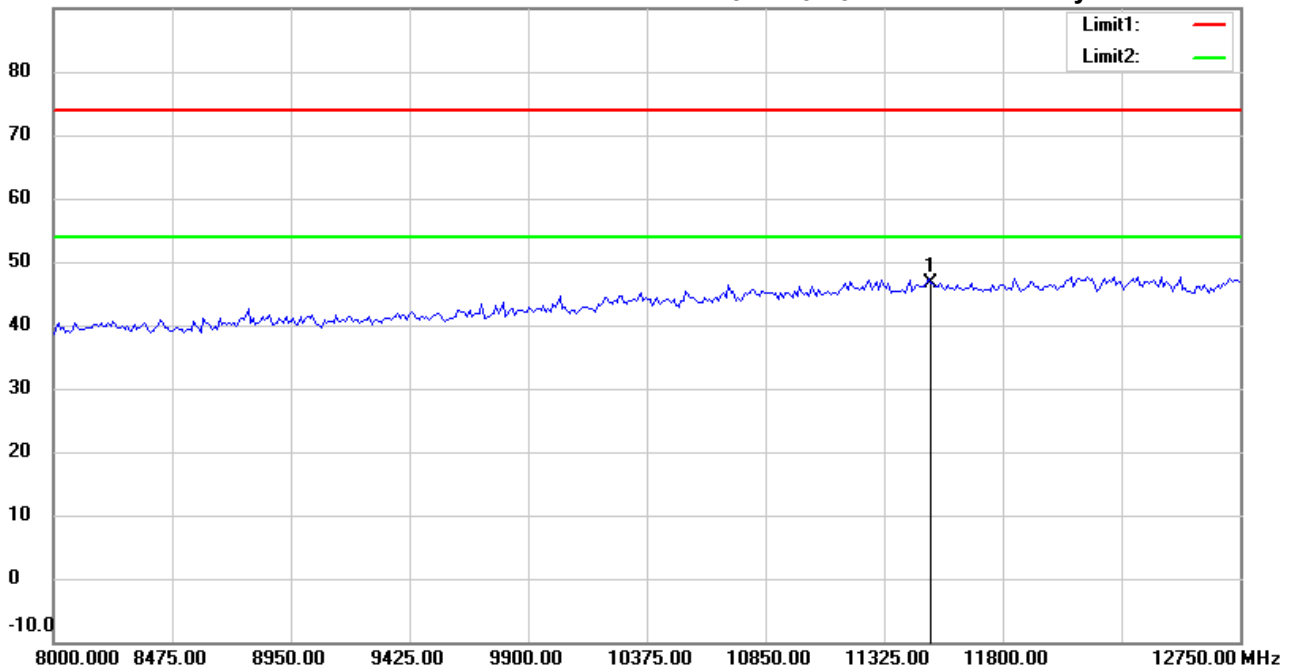
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:45:28 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11510.000       | 35.33          | peak     | 11.39               | 46.72           | 74.00          | 150          | 55             | -27.28      |         |

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



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Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

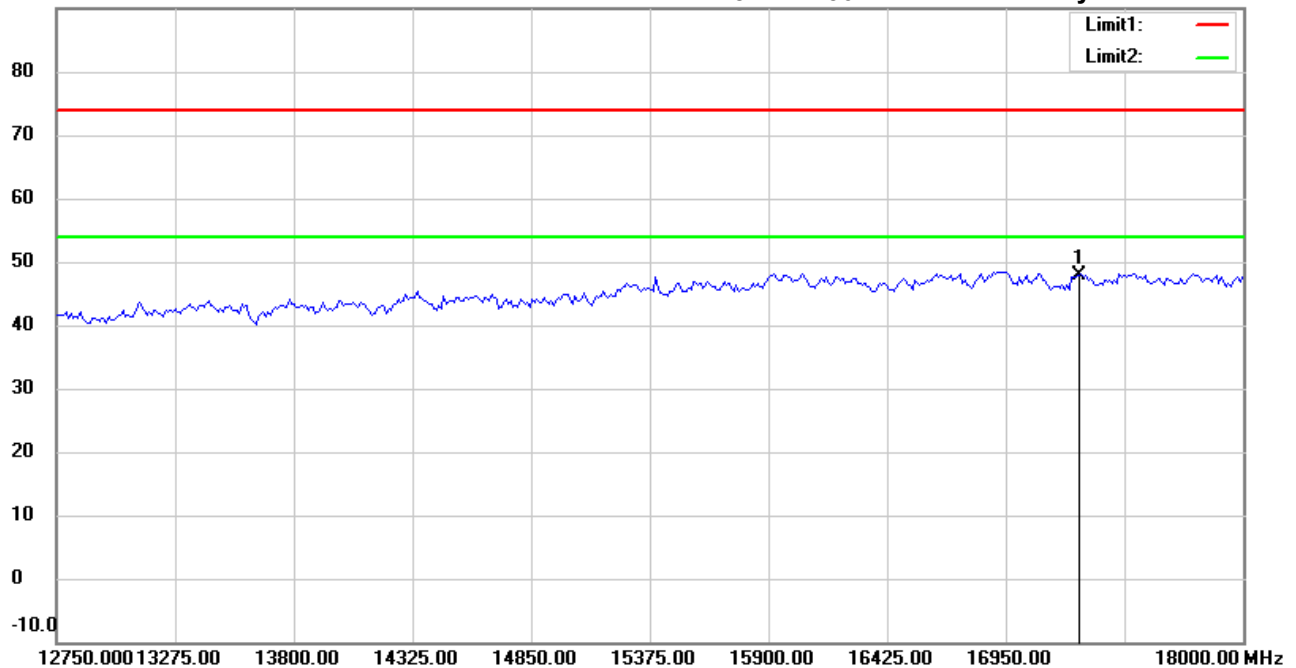
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:41:56 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17265.000       | 27.88          | peak     | 20.02               | 47.90           | 74.00          | 150          | 260            | -26.10      |         |

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #10

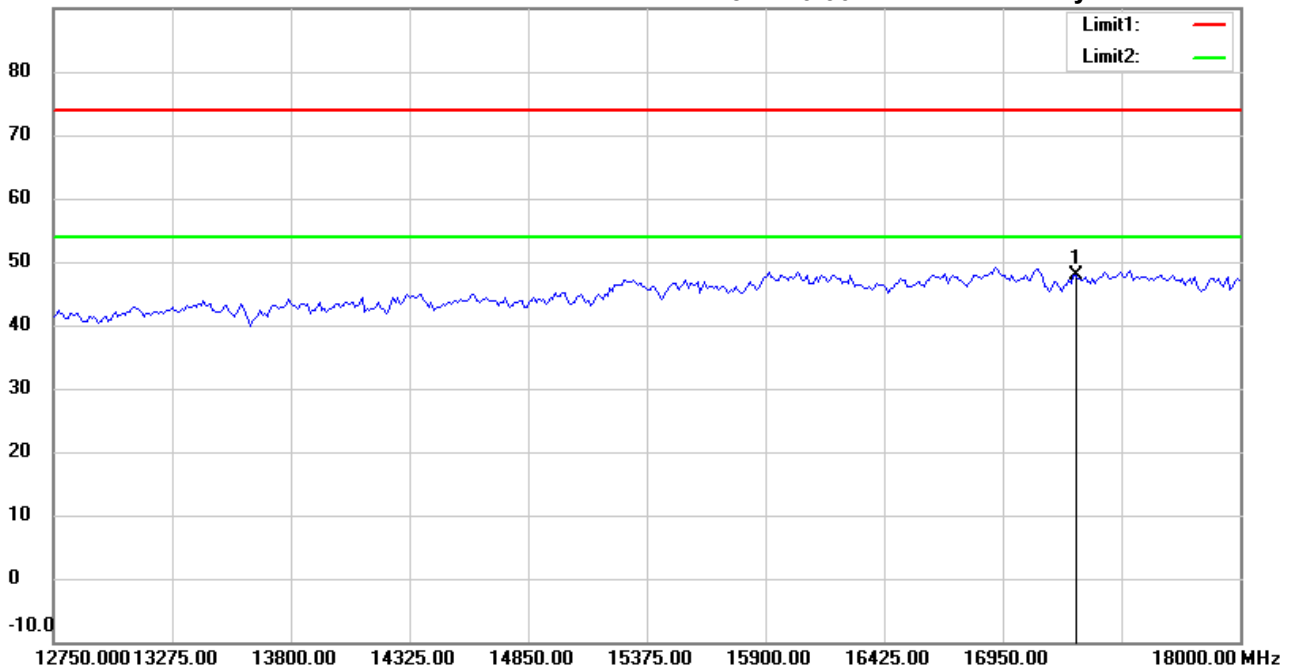
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:46:36 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17265.000       | 27.93          | peak     | 20.02               | 47.95           | 74.00          | 150          | 70             | -26.05      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #5

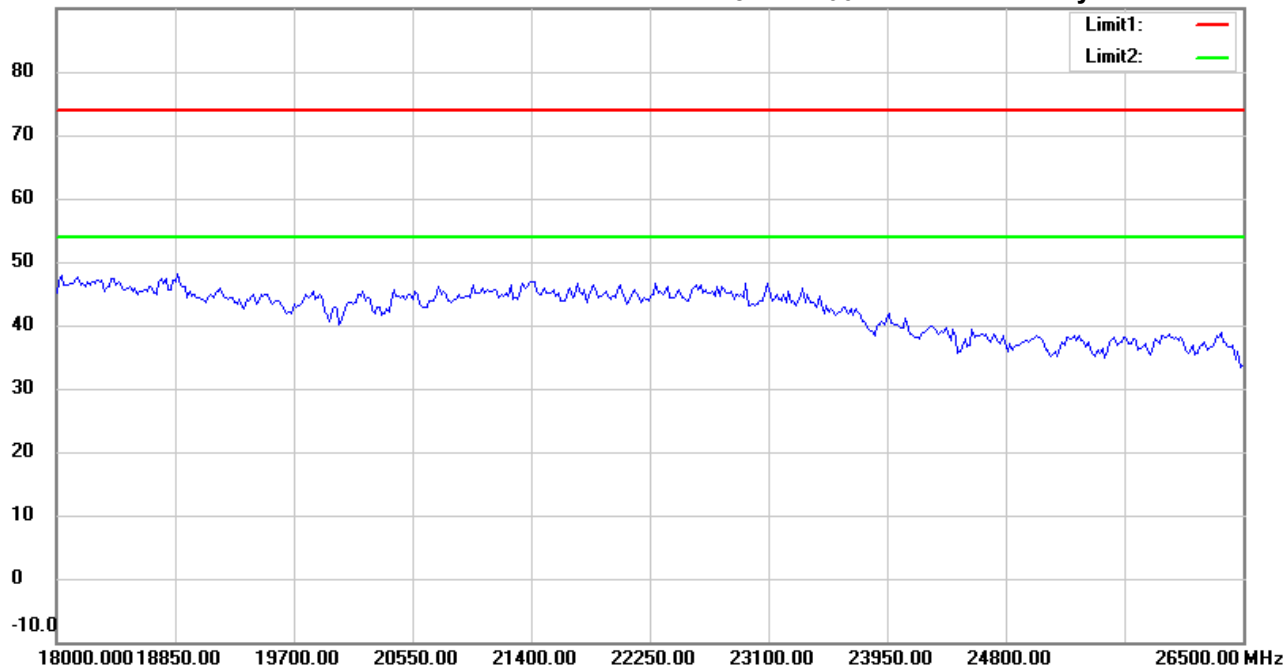
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:42:06 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#11

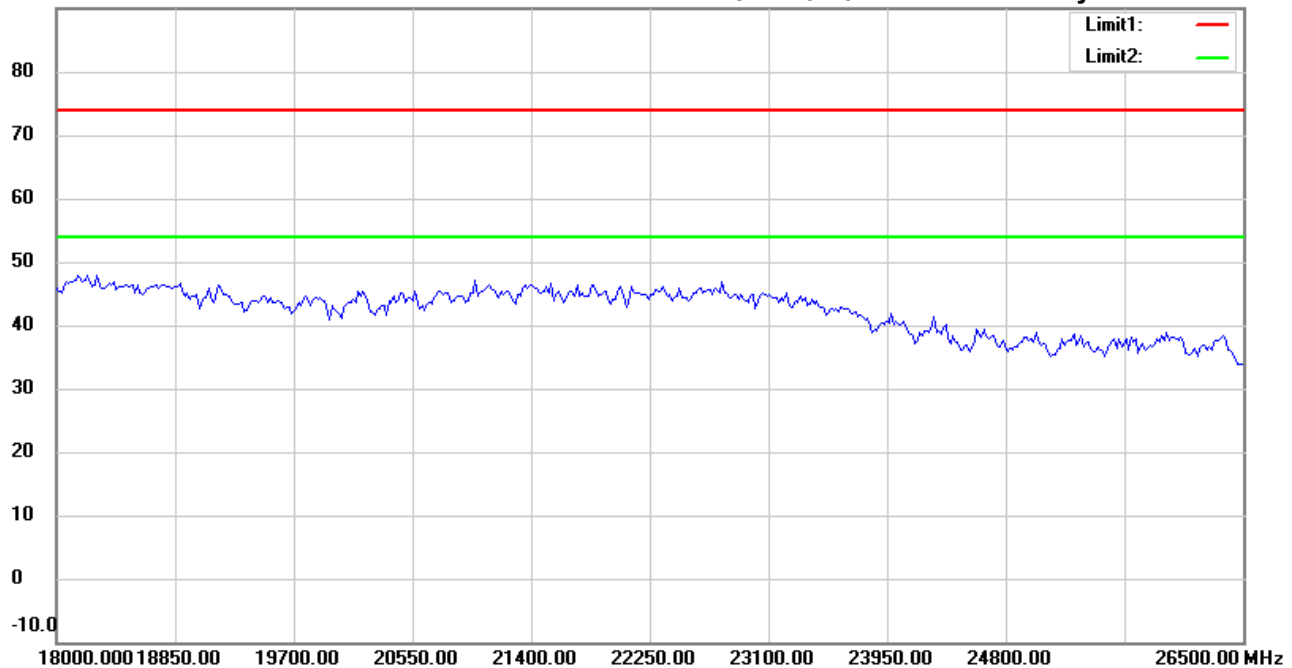
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:46:46 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Nei Hu, Taipei  
Tel: +886-2-6606-8877  
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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #6

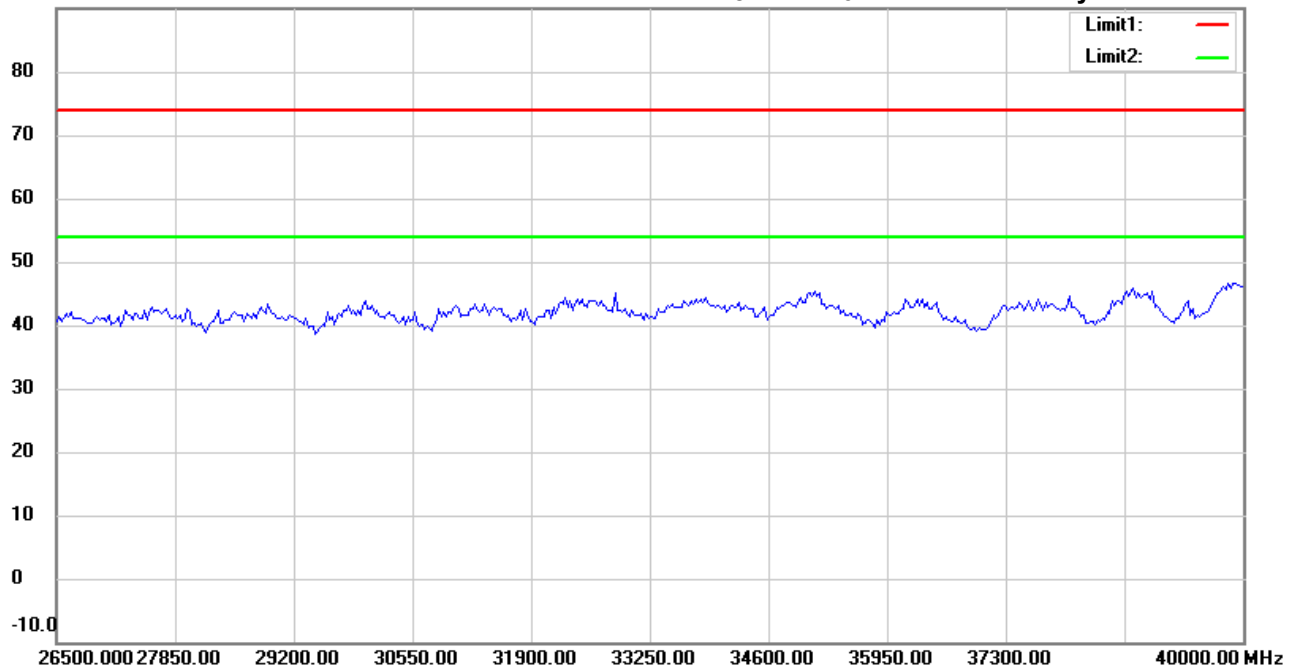
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:42:16 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
Tel:+886-2-6606-8877  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#12

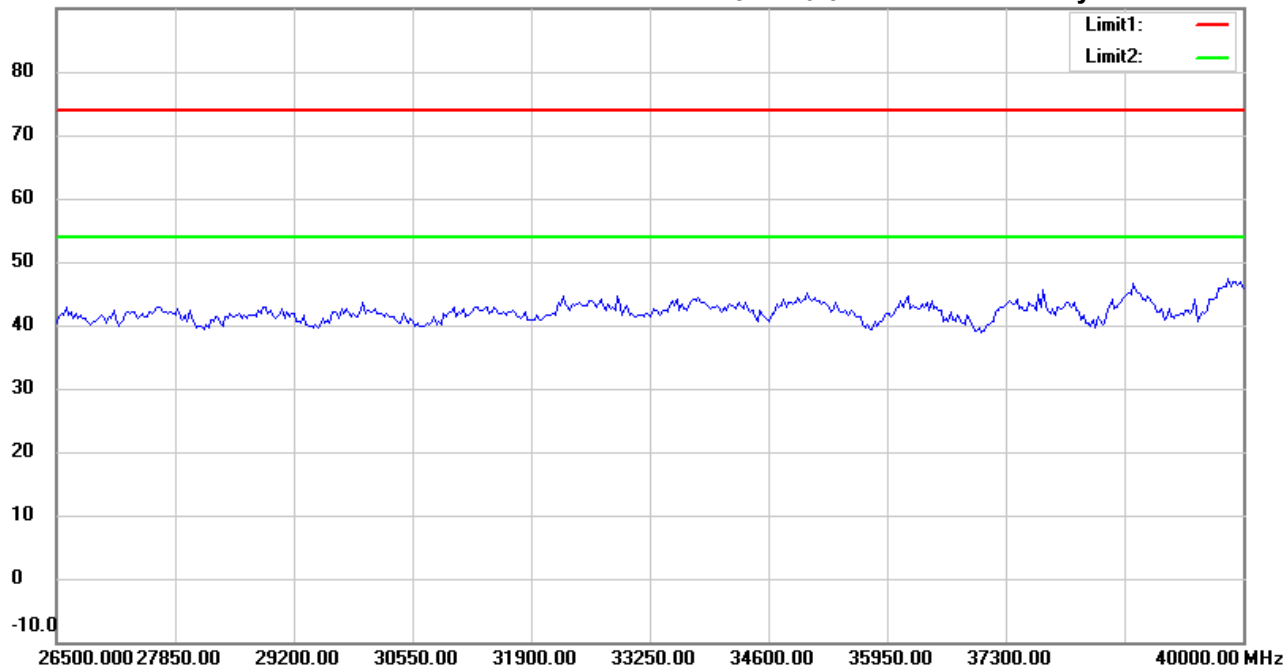
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:46:57 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#1

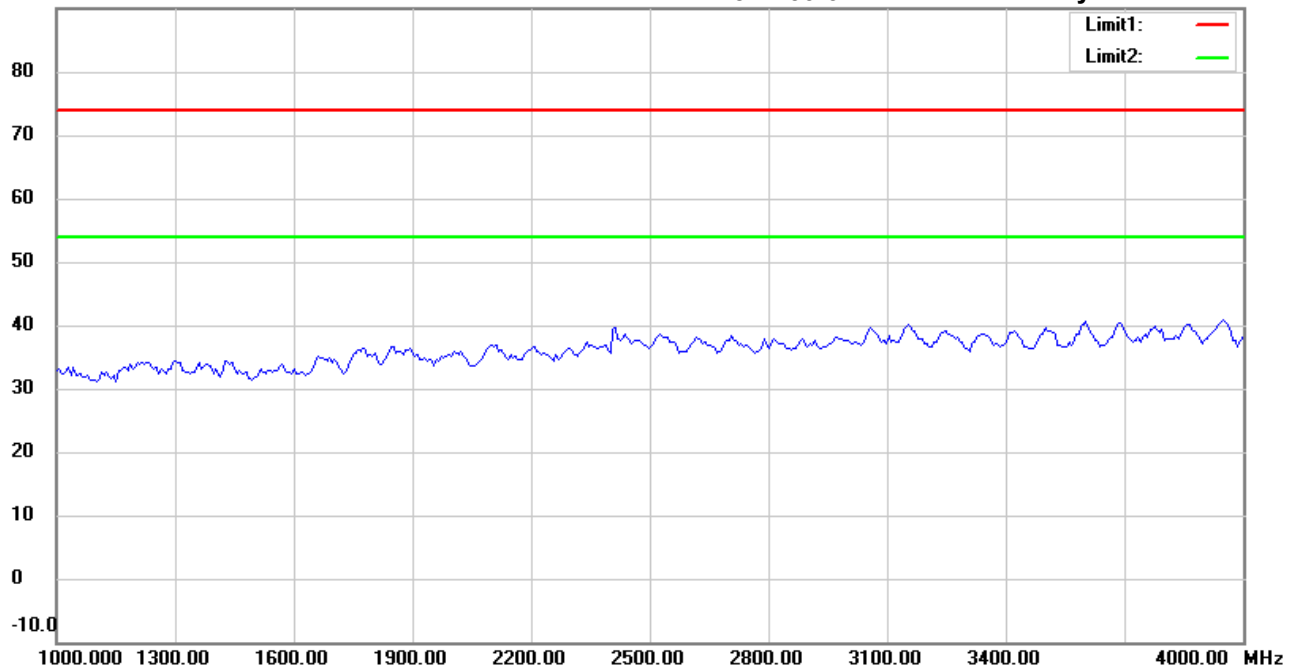
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:53:37 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

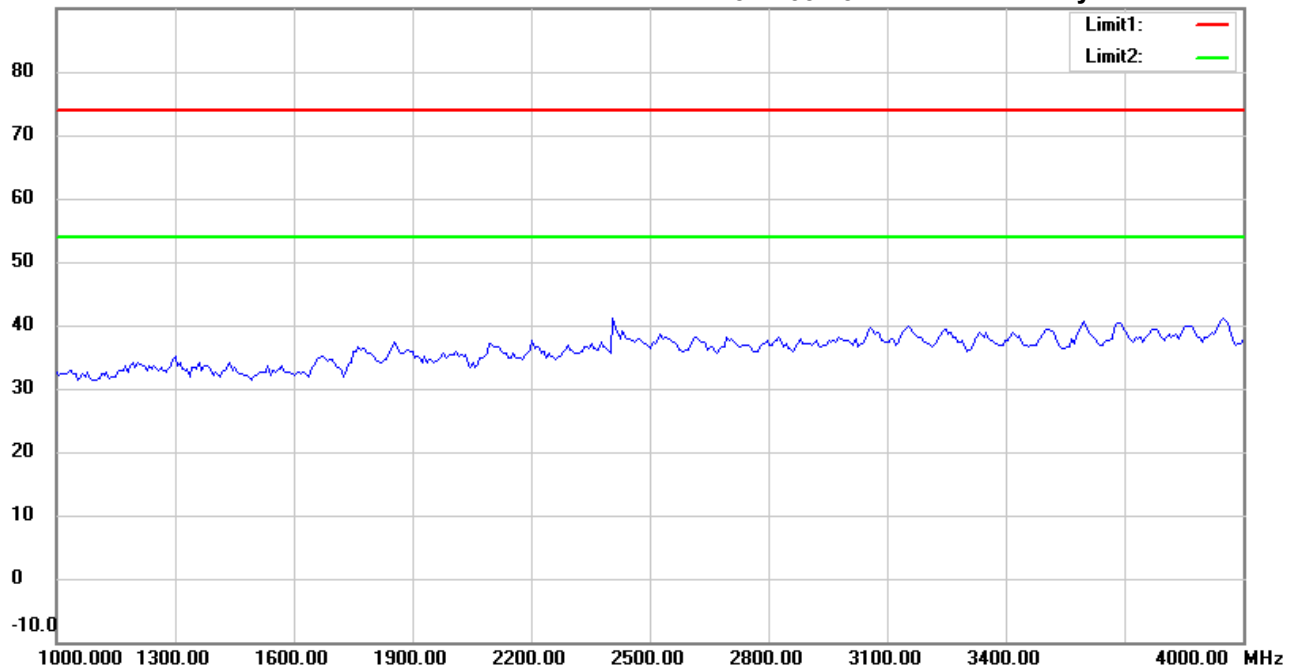
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:58:18 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#2

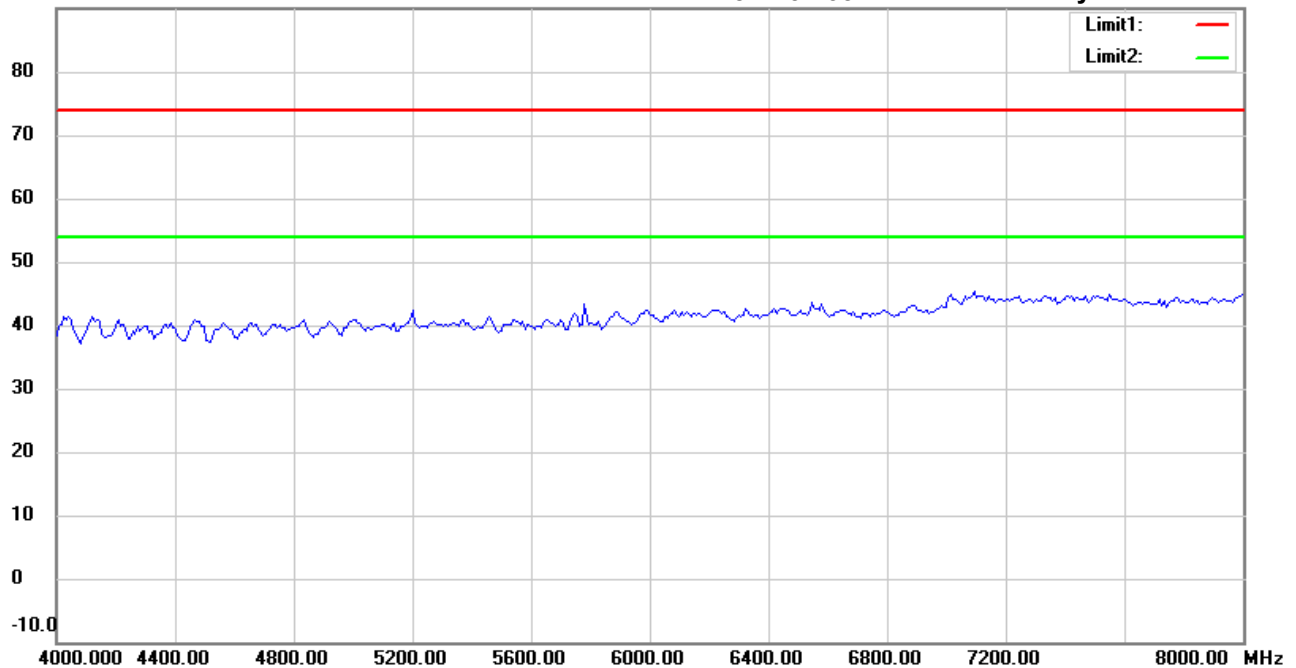
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 4:54:38 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Allen

File : 3

Data : #8

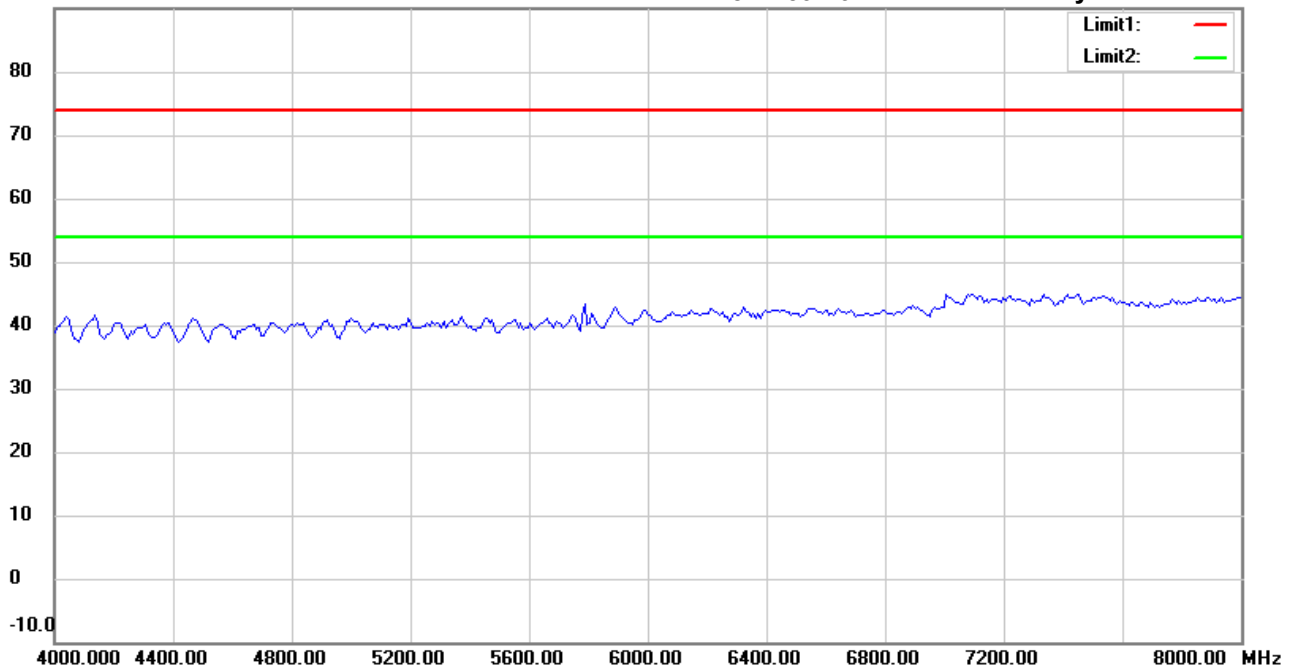
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:59:19 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

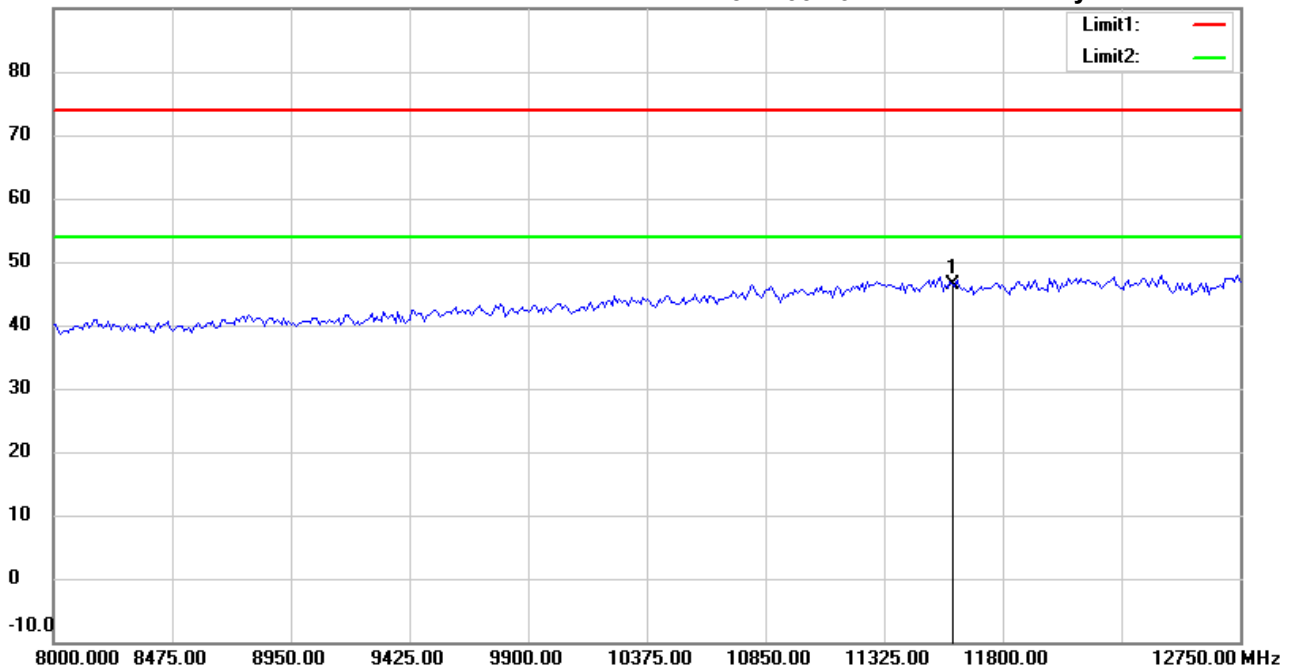
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:55:43 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11590.000       | 35.37          | peak     | 11.03               | 46.40           | 74.00          | 150          | 90             | -27.60      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8875

# Radiated Emission Measurement

Operator: Allen

File : 3

Data : #9

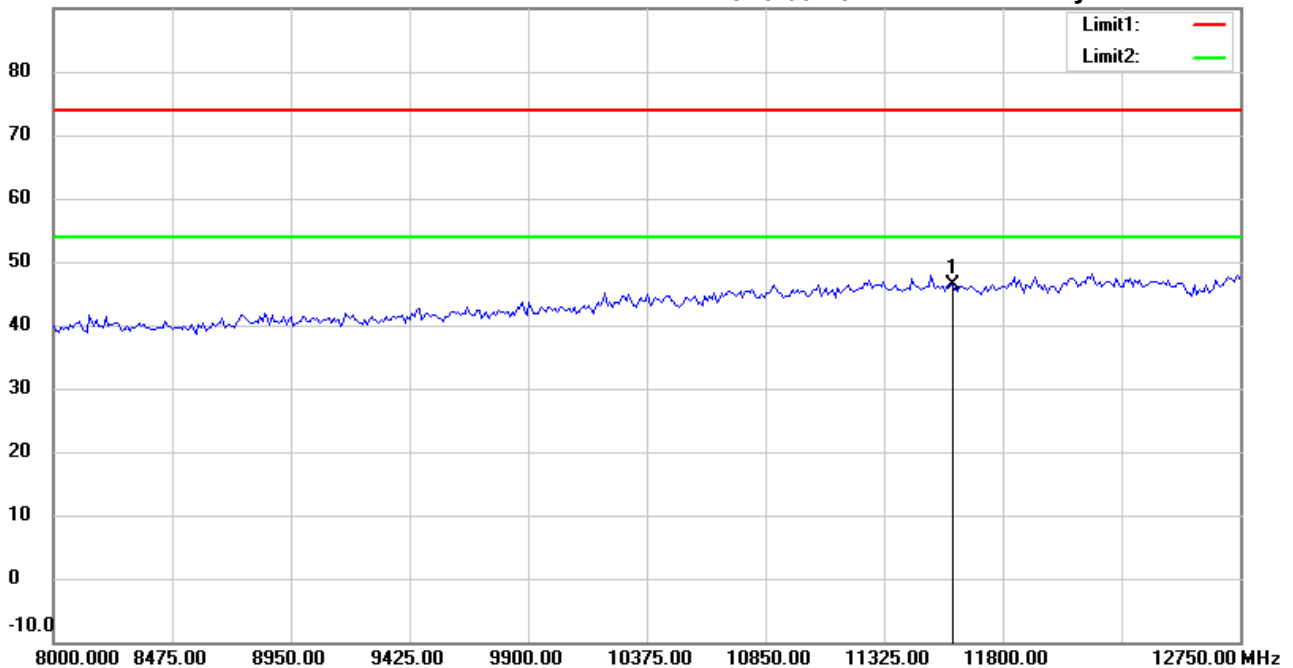
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 5:00:25 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 11590.000       | 35.23          | peak     | 11.03               | 46.26           | 74.00          | 150          | 65             | -27.74      |         |

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#4

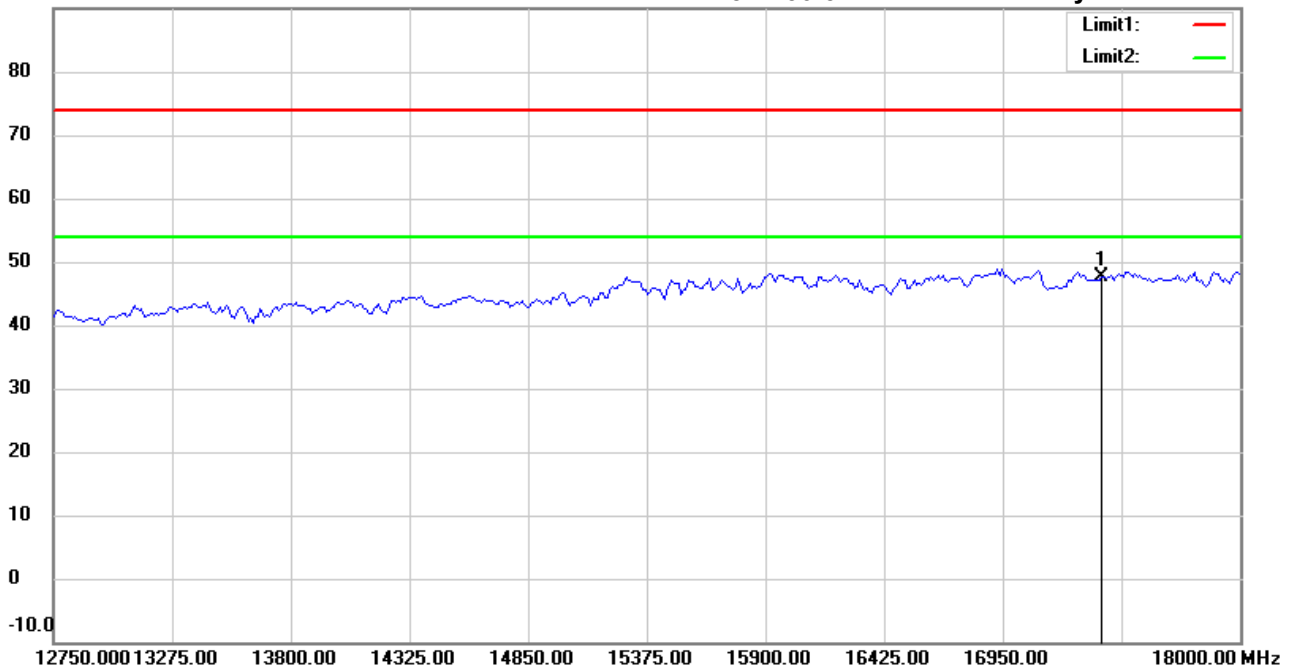
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:56:52 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17385.000       | 27.41          | peak     | 20.18               | 47.59           | 74.00          | 150          | 280            | -26.41      |         |

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#10

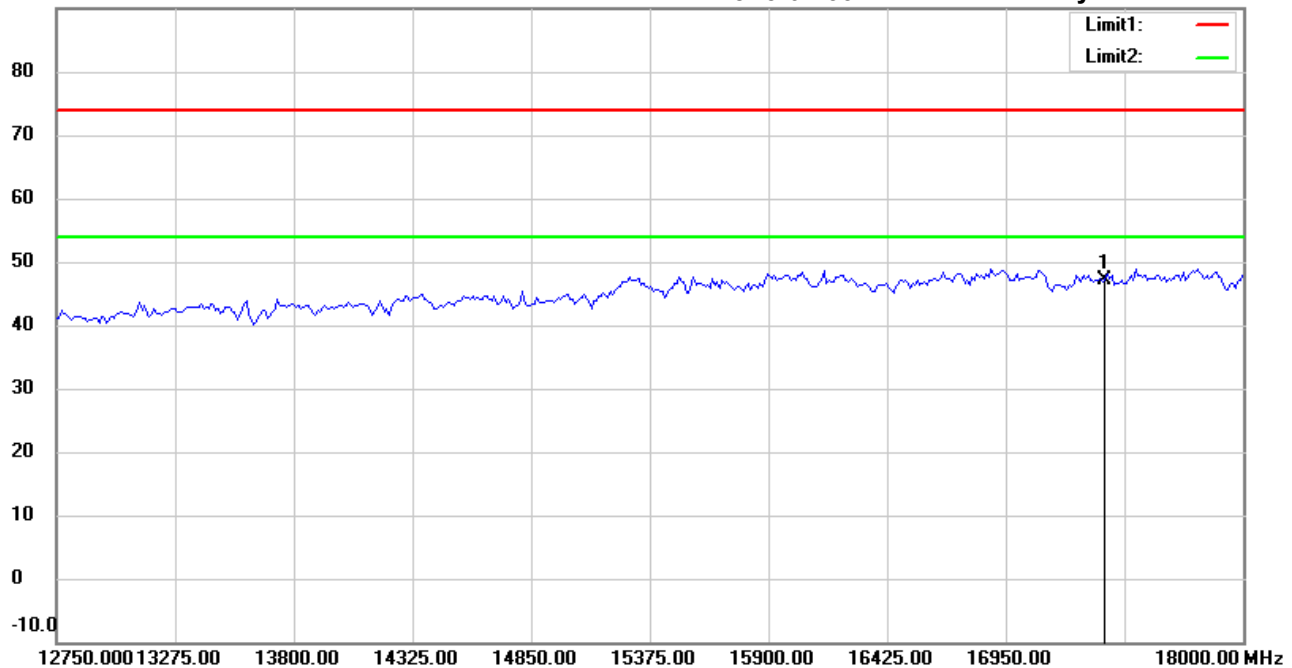
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 5:01:33 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 17385.000       | 26.87          | peak     | 20.18               | 47.05           | 74.00          | 150          | 110            | -26.95      |         |

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #5

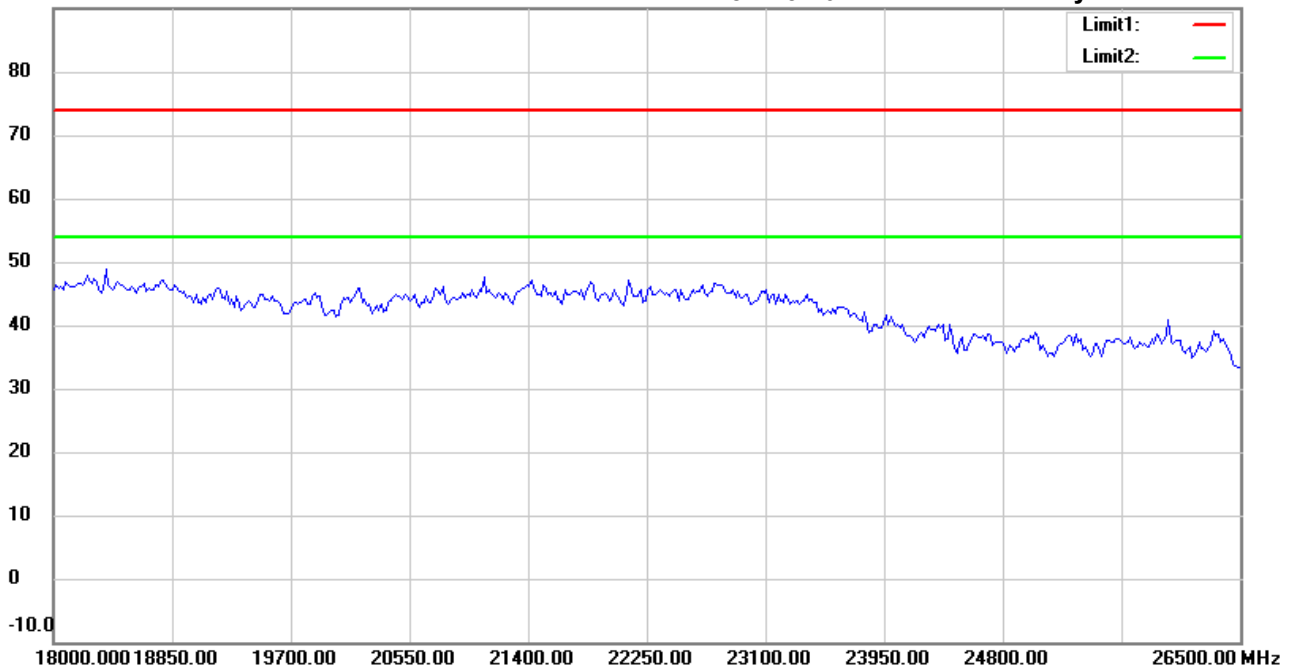
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:57:02 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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# Radiated Emission Measurement

Operator: Allen

File :3

Data :#11

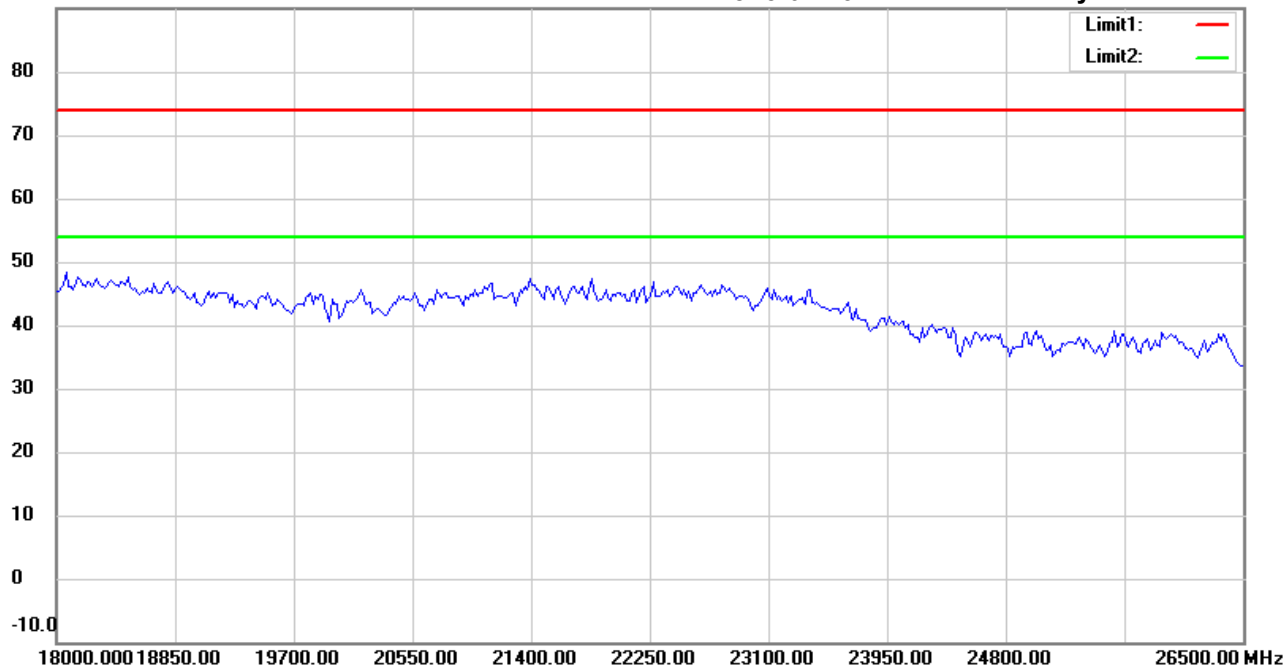
Date: 11/19/2019

Temperature:18.9 °C

90.0 dBuV/m

Time: 5:01:43 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #6

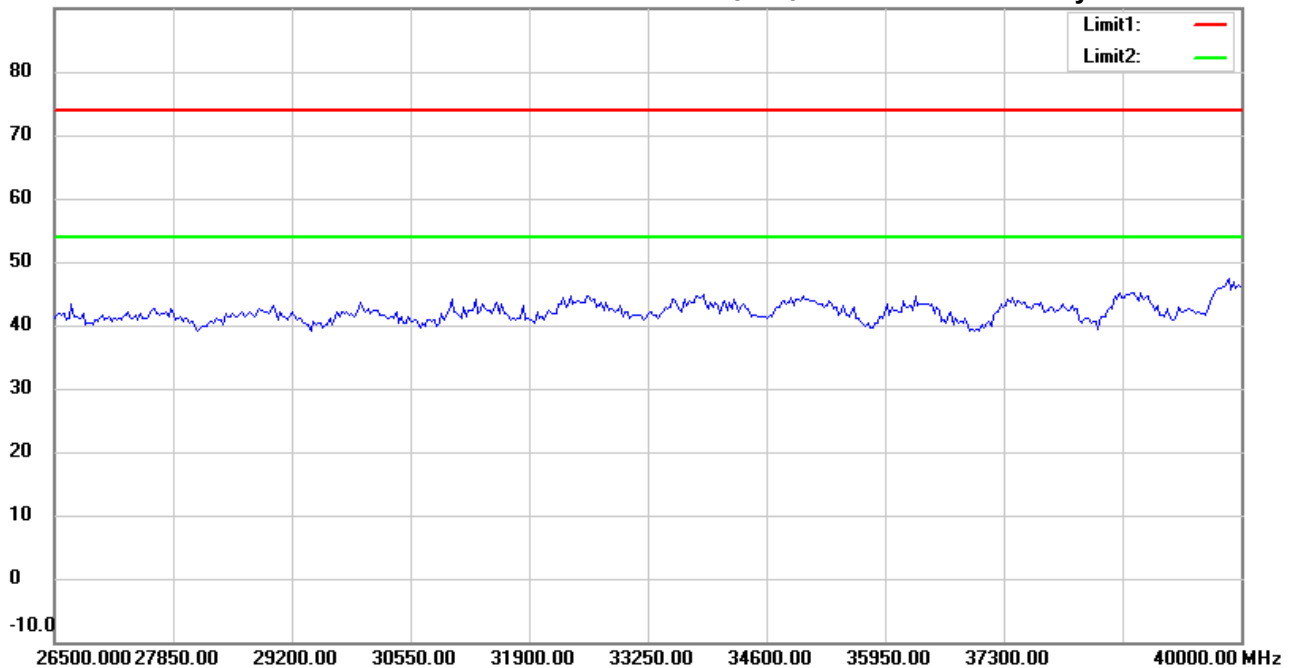
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 4:57:12 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #12

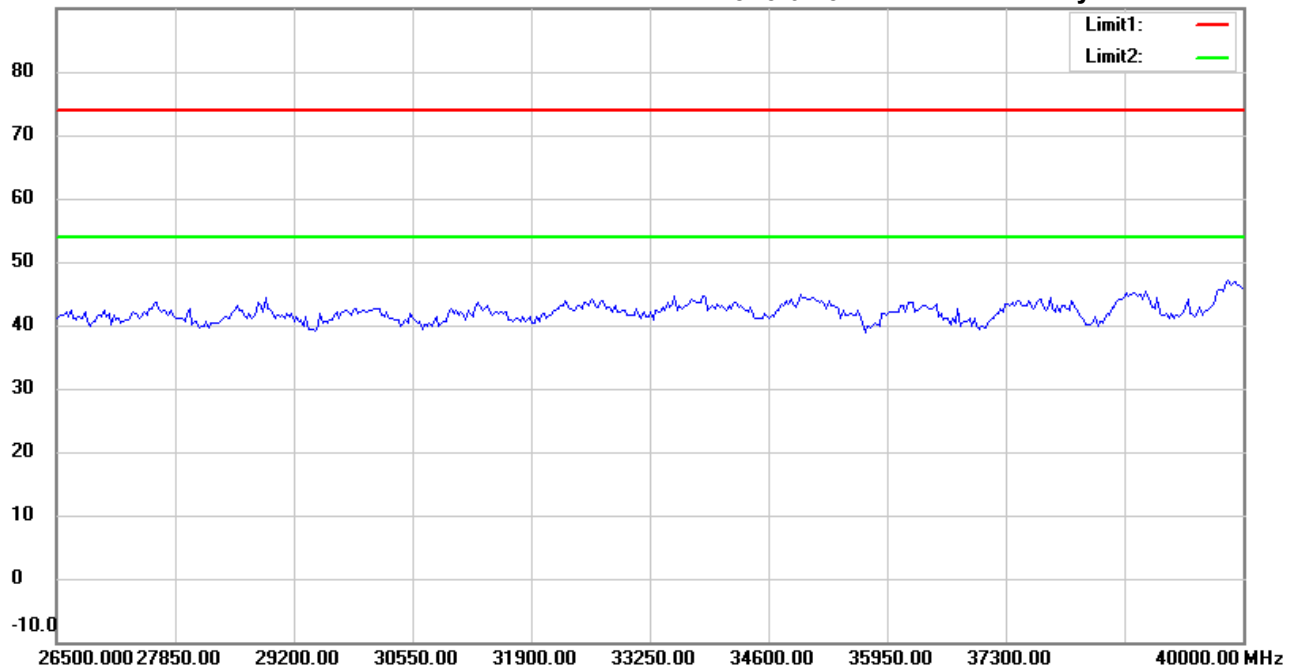
Date: 11/19/2019

Temperature: 18.9 °C

90.0 dBuV/m

Time: 5:01:54 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC\_part 15E RE\_Above 1GHz\_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corr. factor (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Ant.Pos (cm) | Tab.Pos (deg.) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|

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