

**47 CFR PART 15 SUBPART C TEST REPORT**

**for**

**Cellular Home Alarm System**

**Model No.: CHMG-1**

**FCC ID: GX9CHMG**

**of**

Applicant: CLIMAX TECHNOLOGY CO., LTD.

Address: No. 258, Sinhu 2nd Rd., Neihu District, Taipei City 114,  
Taiwan (R.O.C.)

Tested and Prepared

by

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

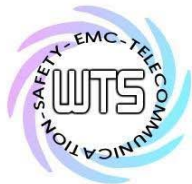
**FCC Registration No.: TW1477, TW0020, TW1072**

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



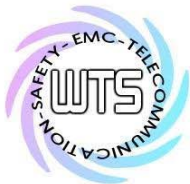
**Report No.: W6M22103-20740-C-1**

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.  
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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:**

April 15, 2021

Sora Kuo

*Sora*

Date

WTS-Lab.

Name

Signature

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

April 15, 2021

Kevin Wang

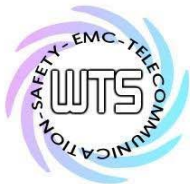
*Kevin Wang*

Date

WTS

Name

Signature



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

Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

## **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

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: CLIMAX TECHNOLOGY CO., LTD..

Street: No. 258, Sinhu 2nd Rd., Neihu District,

Town: Taipei City 114

Country: Taiwan (R.O.C.)

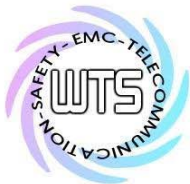
Telephone: +886-2-2794-0001

Fax: +886-2-2792-6618

## **1.4 Application details**

Date of receipt of test item: March 21, 2021

Date of test: from March 21, 2021 to April 14, 2021



Registration number: W6M22103-20740-C-1

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

Type of test item: Cellular Home Alarm System  
Model Number: CHMG-1  
Brand Name: ./.  
Multi-listing model number: ./.  
Photos: see Appendix

### **Technical data**

Frequency band: 2.4 GHz – 2.4835 GHz

#### **802.11b, g, n 20MHz**

Frequency (ch 1): 2.412 GHz

Frequency (ch 6): 2.437 GHz

Frequency (ch 11): 2.462 GHz

#### **802.11n 40MHz**

Frequency (ch 1): 2.422 GHz

Frequency (ch 4): 2.437 GHz

Frequency (ch 7): 2.452 GHz

#### **Bluetooth Normal, EDR**

Frequency (ch 0): 2.402 GHz

Frequency (ch 39): 2.441 GHz

Frequency (ch 78): 2.480 GHz

#### **Bluetooth Low Energy**

Frequency (ch 0): 2.402 GHz

Frequency (ch 19): 2.440 GHz

Frequency (ch 39): 2.480 GHz

Number of Channels: 802.11b, g, n 20MHz: 11 channels, 11n 40MHz: 7 channels  
Bluetooth: 79 channels(normal & EDR), 40channels(LE)

Operation modes: Duplex

Modulation Type: DSSS/OFDM、GFSK、 $\pi/4$ DQPSK、8DPSK

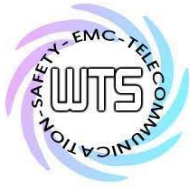
Fixed point-to-point operation: ☐ Yes / ☒ No

Type of Antenna: PCB Antenna

Antenna gain: -0.59 dBi

(Testing laboratory assumes no responsibility for affecting any validity of the result while the information which is provided by clients.)

Power supply: Adapter (I/P: 100-240V~0.4A 50/60Hz; O/P: 12.0V, 1.0A, 12.0W)  
Battery 7.2Vd.c.



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

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Emission designator: 2.4GHz WiFi  
802.11b: DSSS: 15M2G1D  
802.11g: OFDM: 18M2D1D  
802.11n 20MHz: OFDM: 18M2D1D  
802.11n 40MHz: OFDM: 36M8D1D  
BT2.0: FHSS: 1M31F1D  
BT4.0: GFSK: 1M40G1D

Host device: none

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"/>            |

## **Transmitter**

### **Mode A (802.11b)**

Power (ch 1 or A): Conducted: 16.99 dBm  
Power (ch 6 or B): Conducted: 16.87 dBm  
Power (ch 11 or C): Conducted: 16.24 dBm

### **Mode B (802.11g)**

Power (ch 1 or A): Conducted: 15.47 dBm  
Power (ch 6 or B): Conducted: 15.13 dBm  
Power (ch 11 or C): Conducted: 14.78 dBm

### **Mode C (802.11n 20 MHz)**

Power (ch 1 or A): Conducted: 15.29 dBm  
Power (ch 6 or B): Conducted: 14.94 dBm  
Power (ch 11 or C): Conducted: 14.59 dBm

### **Mode D (802.11n 40 MHz)**

Power (ch 1 or A): Conducted: 13.20 dBm  
Power (ch 4 or B): Conducted: 12.70 dBm  
Power (ch 7 or C): Conducted: 12.51 dBm

### **Mode E (Bluetooth Normal mode)**

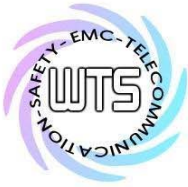
Power (ch 0 or A): Conducted: -0.62 dBm  
Power (ch 39 or B): Conducted: -0.26 dBm  
Power (ch 78 or C): Conducted: -0.64 dBm

### **Mode F (Bluetooth EDR mode)**

Power (ch 0 or A): Conducted: 1.65 dBm  
Power (ch 39 or B): Conducted: 2.01 dBm  
Power (ch 78 or C): Conducted: 1.53 dBm

### **Mode G (Bluetooth Low energy)**

Power (ch 0 or A): Conducted: -0.58 dBm  
Power (ch 19 or B): Conducted: -0.26 dBm  
Power (ch 39 or C): Conducted: -0.60 dBm



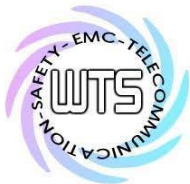
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG

**Manufacturer: (if applicable)**

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

**1.6 Test standards**

Technical standard : 47 CFR PART 15 SUBPART C § 15.247 (2019-10)



Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

## **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 %

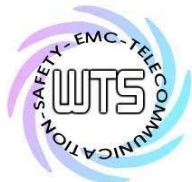
Air pressure: 86 ... 103 kPa

Power supply: Adapter (I/P: 100-240V~0.4A 50/60Hz; O/P: 12.0V, 1.0A, 12.0W)  
Battery 7.2Vd.c.

Extreme conditions parameters: ./.

| Test item Name                                                                                                                              | Uncertainty                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Estimation Result of Uncertainty of Conducted Emission                                                                                      | Expanded Uncertainty :<br>AMN : 1.05 dB<br>Voltage probe : 1.05 dB                                                     |
| Estimation Result of Uncertainty of Radiated Emission(3M)                                                                                   | Expanded Uncertainty :<br>0.009-30 MHz : 2.13 dB<br>30-1000 MHz : 3.53 dB<br>1-18 GHz : 4.19 dB<br>18-40 GHz : 4.09 dB |
| Estimation Result of Uncertainty of Bandwidth Measurement<br>20 dB Bandwidth, Occupied bandwidth, Channel bandwidth,<br>Necessary Bandwidth | Expanded Uncertainty : 0.41 kHz                                                                                        |
| Estimation Result of Uncertainty of Conducted Output Power<br>Measurement Output power                                                      | Expanded Uncertainty : 1.61 dB                                                                                         |
| Estimation Result of Uncertainty of Power Density Measurement<br>Power density                                                              | Expanded Uncertainty : 1.68 dB                                                                                         |
| Estimation Result of Uncertainty of Band Edge Measurement                                                                                   | Expanded Uncertainty : 1.33 dBc                                                                                        |
| Estimation Result of Uncertainty of Frequency Separation<br>Measurement Hopping channel separation                                          | Expanded Uncertainty : 554.14 Hz                                                                                       |
| Estimation Result of Uncertainty of Duty Cycle Measurement<br>Dwell time                                                                    | Expanded Uncertainty : 0.1 ms                                                                                          |

The decision rule is: Measurement uncertainty is not included in the calculation of test results.

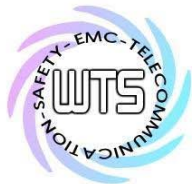


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## 2.3 Test Equipment List

| No.          | Test equipment                                     | Type            | Serial No.  | Manufacturer | Cal. Date     | Next Cal. Date |
|--------------|----------------------------------------------------|-----------------|-------------|--------------|---------------|----------------|
| ETSTW-CE 001 | EMI TEST RECEIVER                                  | ESHS10          | 842121/013  | R&S          | 2020/6/11     | 2021/6/10      |
| 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          | 2020/11/6     | 2021/11/5      |
| ETSTW-CE 006 | IMPULSBEGRENZER<br>PULSE LIMITER                   | ESH3-Z2         | 100226      | R&S          | 2020/9/22     | 2021/9/21      |
| ETSTW-CE 008 | HF-EICHELUNG 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  | 2020/7/22     | 2021/7/21      |
| ETSTW-CE 016 | TWO-LINE V-NETWORK                                 | ENV216          | 100050      | R&S          | 2020/10/26    | 2021/10/25     |
| ETSTW-CE 028 | MXE EMI Receiver                                   | N9038A          | MY53220110  | Agilent      | 2020/7/29     | 2021/7/28      |
| ETSTW-RE 003 | EMI TEST RECEIVER                                  | ESI 26          | 831438/001  | R&S          | 2020/6/12     | 2021/6/11      |
| ETSTW-RE 004 | EMI TEST RECEIVER                                  | ESI 40          | 832427/004  | R&S          | 2020/9/14     | 2021/9/13      |
| 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           | 2020/7/30     | 2021/7/29      |
| ETSTW-RE 019 | MICROWAVE HORN<br>ANTENNA                          | 22240-25        | 121074      | FM           | 2020/5/15     | 2021/5/14      |
| ETSTW-RE 027 | Passive Loop Antenna                               | 6512            | 00034563    | ETS-Lindgren | 2020/7/8      | 2021/7/7       |
| ETSTW-RE 030 | Double-Ridged Guide Horn<br>Antenna                | 3117            | 00035224    | ETS-Lindgren | 2020/4/22     | 2021/4/21      |
| ETSTW-RE 042 | Biconical Antenna                                  | HK116           | 100172      | R&S          | 2021/3/18     | 2022/3/17      |
| ETSTW-RE 043 | Log-Periodic Dipole<br>Antenna                     | HL223           | 100166      | R&S          | 2020/5/8      | 2021/5/7       |
| ETSTW-RE 044 | Log-Periodic Antenna                               | HL050           | 100094      | R&S          | 2020/8/3      | 2021/8/2       |
| 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          | 2021/2/19     | 2022/2/18      |
| ETSTW-RE 051 | Attenuator 6dB                                     | 50HF-006-1      | None        | JFW          | 2021/2/19     | 2022/2/18      |
| ETSTW-RE 053 | Attenuator 3dB                                     | 50HF-003-1      | None        | JFW          | 2021/2/19     | 2022/2/18      |
| ETSTW-RE 055 | SPECTRUM ANALYZER                                  | FSU 26          | 200074      | R&S          | 2021/3/16     | 2022/3/15      |
| ETSTW-RE 060 | Attenuator 30dB                                    | 5015-30         | F651012z-01 | ATM          | 2021/2/19     | 2022/2/18      |
| ETSTW-RE 062 | Amplifier Module                                   | CHC 2           | None        | KMIC         | 2020/5/15     | 2021/5/14      |
| 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           | 2020/10/15    | 2021/10/14     |
| ETSTW-RE 088 | SOLID STATE<br>AMPLIFIER                           | KMA180265A01    | 99057       | KMIC         | 2020/9/17     | 2021/9/16      |
| ETSTW-RE 091 | Match Pad                                          | MDCS1500        | None        | WOKEN        | 2020/5/22     | 2021/5/21      |
| ETSTW-RE 099 | DC Block                                           | 50DB-007-1      | None        | JFW          | 2021/2/19     | 2022/2/18      |
| ETSTW-RE 112 | AC POWER SOURCE                                    | TFC-1005        | T-0A023536  | T-Power      | Function test |                |

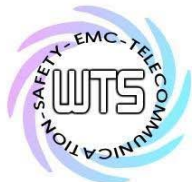


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FCC ID: GX9CHMG

|                 |                                      |                                        |                 |                    |                  |            |
|-----------------|--------------------------------------|----------------------------------------|-----------------|--------------------|------------------|------------|
| ETSTW-RE 115    | 2.4GHz Notch Filter                  | N0124411                               | 473874          | MICROWAVE CIRCUITS | 2021/1/6         | 2022/1/5   |
| ETSTW-RE 120    | RF Player                            | MP9200                                 | MP9210-111022   | ADIVIC             | 2020/12/25       | 2021/12/24 |
| ETSTW-RE 122    | SIGNAL GENERATOR                     | SMF100A                                | 102149          | R&S                | 2020/6/11        | 2021/6/10  |
| ETSTW-RE 125    | 5GHz Notch filter                    | 5NSL11-5200/E221.3-O/O                 | 1               | K&L Microwave      | 2020/8/7         | 2021/8/6   |
| ETSTW-RE 126    | 5GHz Notch filter                    | 5NSL12-5800/E221.3-O/O                 | 1               | K&L Microwave      | 2020/8/7         | 2021/8/6   |
| ETSTW-RE 127    | RF Switch Box                        | RFS-01                                 | None            | WTS                | 2021/2/19        | 2022/2/18  |
| ETSTW-RE 128    | 5.3GHz Notch filter                  | N0153001                               | SN487233        | Microwave Circuits | 2020/8/7         | 2021/8/6   |
| ETSTW-RE 129    | 5.5GHz Notch filter                  | N0555984                               | SN487234        | Microwave Circuits | 2020/8/7         | 2021/8/6   |
| ETSTW-RE 130    | Handheld RF Spectrum Analyzer        | N9340A                                 | CN0147000204    | Agilent            | Pre-test Use     |            |
| ETSTW-RE 142    | Amplifier                            | 8447D                                  | 2805A03378      | Agilent            | 2020/5/15        | 2021/5/14  |
| ETSTW-RE 146    | Preamplifier                         | JPA-10M1G                              | 15090004        | JPT                | 2020/6/5         | 2021/6/4   |
| ETSTW-RE 147    | Bi-log Hybrid Antenna                | MCTD 2786B                             | BLB16M04005     | ETC                | 2021/4/7         | 2022/4/6   |
| ETSTW-RE 148    | Bi-log Hybrid Antenna                | MCTD 2786B                             | BLB16M04006     | ETC                | 2020/7/9         | 2021/7/8   |
| ETSTW-RE 153    | Signal Analyzer                      | FSV40                                  | 101929          | R&S                | 2020/10/1        | 2021/9/30  |
| ETSTW-RF 002    | Electromagnetic field probe          | LF-30                                  | K-0007          | STT                | 2020/6/9         | 2021/6/8   |
| ETSTW-EMI 011   | USB Compact Modulator                | SFC-U                                  | 101689          | R&S                | 2020/5/21        | 2021/5/20  |
| ETSTW-GSM 002   | Universal Radio Communication Tester | CMU 200                                | 109439          | R&S                | 2021/3/16        | 2022/3/15  |
| ETSTW-GSM 003   | Radio Communication Analyzer         | MT8820C                                | 6201342073      | Anritsu            | 2020/4/20        | 2021/4/19  |
| ETSTW-GSM 004   | Wideband Radio Communication Tester  | CMW500                                 | 128092          | R&S                | 2020/11/10       | 2021/11/9  |
| ETSTW-GSM 019   | Band Reject Filter                   | WRCTF824/849-822/851-40/12+9SS         | 3               | WI                 | 2021/1/6         | 2022/1/5   |
| ETSTW-GSM 020   | Band Reject Filter                   | WRCD1747/1748-1743/1752-32/5SS         | 1               | WI                 | 2021/1/6         | 2022/1/5   |
| ETSTW-GSM 021   | Band Reject Filter                   | WRCD1879.5/1880.5-1875.5/1884.5-32/5SS | 3               | WI                 | 2021/1/6         | 2022/1/5   |
| ETSTW-GSM 022   | Band Reject Filter                   | WRCT901.9/903.1-904.25-50/8SS          | 1               | WI                 | 2021/1/6         | 2022/1/5   |
| ETSTW-GSM 023   | Power Divider                        | 4901.19.A                              | None            | SUHNER             | 2020/9/8         | 2021/9/7   |
| ETSTW-GSM 024   | Radio Communication Analyzer         | MT8821C                                | None            | Anritsu            | 2021/3/24        | 2022/3/23  |
| ETSTW-GSM 025   | Band Reject Filter                   | BRM19835                               | 001             | Micro-Tronics      | 2020/8/7         | 2021/8/6   |
| 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       | 2021/2/19        | 2022/2/18  |
| ETSTW-Cable 017 | BNC Cable                            | X Cable                                | B Cable 2       | Schwarz beck       | 2021/2/19        | 2022/2/18  |
| ETSTW-Cable 018 | BNC Cable                            | Y Cable                                | B Cable 3       | Schwarz beck       | 2021/2/19        | 2022/2/18  |
| ETSTW-Cable 019 | BNC Cable                            | Z Cable                                | B Cable 4       | Schwarz beck       | 2021/2/19        | 2022/2/18  |
| ETSTW-Cable 020 | N TYPE Cable                         | OATS Cable 1                           | N30N30-L335-15M | JYE BAO CO.,LTD.   | 2020/7/1         | 2021/6/30  |
| ETSTW-Cable 027 | Microwave Cable                      | SUCOFLEX 104                           | 279083          | HUBER+SUHNER       | 2020/5/8         | 2021/5/7   |
| ETSTW-Cable 028 | Microwave Cable                      | FA147A0015M2020                        | 30064-2         | UTIFLEX            | 2020/9/17        | 2021/9/16  |
| ETSTW-Cable 029 | Microwave Cable                      | FA147A0015M2020                        | 30064-3         | UTIFLEX            | 2020/9/17        | 2021/9/16  |
| ETSTW-Cable 030 | Microwave Cable                      | SUCOFLEX 104 (S Cable 9)               | 279067          | HUBER+SUHNER       | 2021/2/19        | 2022/2/18  |

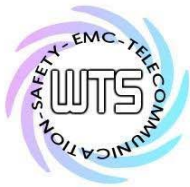


# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

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|                 |                          |                       |          |              |                  |           |
|-----------------|--------------------------|-----------------------|----------|--------------|------------------|-----------|
| ETSTW-Cable 043 | Microwave Cable          | SUCOFLEX 104          | 317576   | HUBER+SUHNER | 2020/5/15        | 2021/5/14 |
| ETSTW-Cable 047 | Microwave Cable          | SUCOFLEX 104          | 325518   | HUBER+SUHNER | 2020/7/3         | 2021/7/2  |
| ETSTW-Cable 058 | Microwave Cable          | SUCOFLEX 104          | none     | HUBER+SUHNER | 2020/6/5         | 2021/6/4  |
| ETSTW-Cable 064 | Microwave Cable          | SUCOFLEX 104          | MY28891  | HUBER+SUHNER | 2020/5/15        | 2021/5/14 |
| ETSTW-Cable 071 | N TYPE CABLE             | EMCCFD400-NM-NM-25000 | 170239   | EMCI         | 2020/6/5         | 2021/6/4  |
| ETSTW-Cable 072 | SMA type cable (8m)      | SUCOFLEX 104          | 805800/4 | HUBER+SUHNER | 2020/5/15        | 2021/5/14 |
| ETSTW-Cable 074 | SMA type cable (2m)      | SUCOFLEX 104          | 802563/4 | HUBER+SUHNER | 2020/5/15        | 2021/5/14 |
| 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 002    | Thermohygrometer         | 608-H1                | 45204317 | Testo        | 2020/9/23        | 2021/9/22 |
| ETSTW-TH 003    | Wireless weather station | GAIA                  | N/A      | TFA          | 2020/12/3        | 2021/12/2 |



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## **2.4 General Test Procedure**

**POWER LINE CONDUCTED INTERFERENCE:** The procedure used was ANSI STANDARD C63.10-2013 6.2 using a 50 $\mu$ H LISN (if necessary). Both lines were observed. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

**RADIATION INTERFERENCE:** The test procedure used was according to ANSI STANDARD C63.10-2013 6.3 employing a spectrum analyzer. For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100kHz respectively with an appropriate sweep speed. For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

**FORMULA OF CONVERSION FACTORS:** The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dB $\mu$ V) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB.

Example:

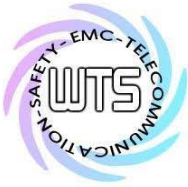
|            |                                                          |
|------------|----------------------------------------------------------|
| Freq (MHz) | METER READING + ACF + CABLE LOSS (to the receiver) = FS  |
| 33         | 20 dB $\mu$ V + 10.36 dB + 6 dB = 36.36 dB $\mu$ V/m @3m |

The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m (non metallic table) and arranged according to ANSI C63.10-2013 6.2.2. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

- (1) If the intentional radiator operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
- (2) If the intentional radiator operates at or above 10 GHz and below 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.
- (3) If the intentional radiator operates at or above 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 200 GHz, whichever is lower, unless specified otherwise elsewhere in the rules.
- (4) If the intentional radiator contains a digital device, regardless of whether this digital device controls the functions of the intentional radiator or the digital device is used for additional control or function purposes other than to enable the operation of the intentional radiator, the frequency range shall be investigated up to the range specified in paragraphs (a)(1)-(a)(3) of this section or the range applicable to the digital device, as shown in paragraph (b)(1) of this Section, whichever is the higher frequency range of investigation.

For hand-held devices, a exploratory test was performed with three (3) orthogonal planes to determine the highest emissions.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.



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When the radiated emission limits are expressed in terms of the average value of the emission, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.

The formula is as follows:

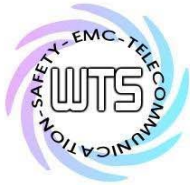
Average = Peak + Duty Factor

Duty Factor =  $20 \log (\text{dwell time}/T)$

T = 100ms when the pulse train period is over 100 ms or the period of the pulse train.

Modified Limits for peak according to 15.35 (b) = Max Permitted average Limits + 20dB

ANSI STANDARD C63.10-2013 B.2.7: Any measurements that utilize special test software shall be indicated and referenced in the test report. During testing, test software 'EZ EMC' was used for setting up different operation modes.



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

| TEST CASE                                            | Para. Number     | Required                            | Test passed                         | Test failed              |
|------------------------------------------------------|------------------|-------------------------------------|-------------------------------------|--------------------------|
| Peak Output Power                                    | 15.247(b)        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Equivalent isotropically radiated Power              | 15.247(b)        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Spurious Emissions radiated – Transmitter operating  | 15.247(d)        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Spurious Emissions conducted – Transmitter operating | 15.247           | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| Carrier Frequency Separation                         | 15.247(a) (1)    | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Number of Hopping Frequencies                        | 15.247(a) (1)(i) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Time of Occupancy (Dwell Time)                       | 15.247(a) (1)(i) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 20 dB Bandwidth                                      | 15.247(a) (1)(i) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Minimum 6 dB Bandwidth                               | 15.247(a)(2)     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Band-edge Compliance of RF Emission                  | 15.247(d)        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Peak Power Spectral Density                          | 15.247(e)        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Radiated Emission from Receiver Part                 | 15.109           | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| Power Line Conducted Emission                        | 15.207(a)        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |



FCC ID: GX9CHMG

FCC Rule: 15.247(b)(3)

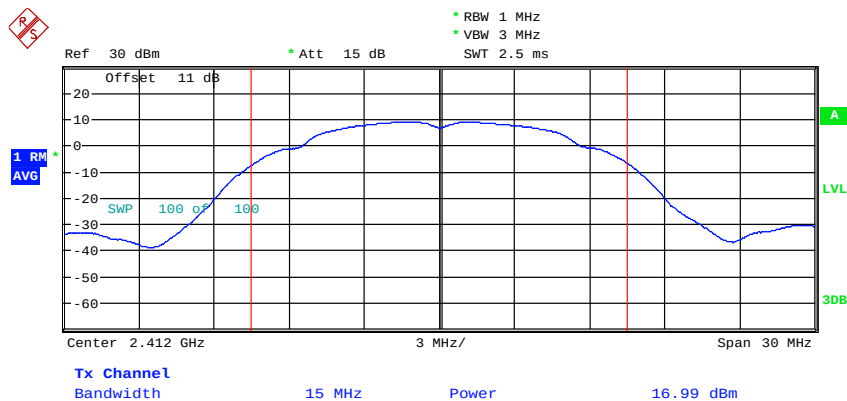
The power was measured with modulation (declared by the applicant).

Temperature: 22.3 °C

Humidity: 53.1 %

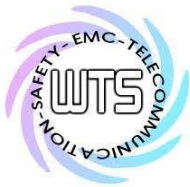
Tester: Sora

## Mode A

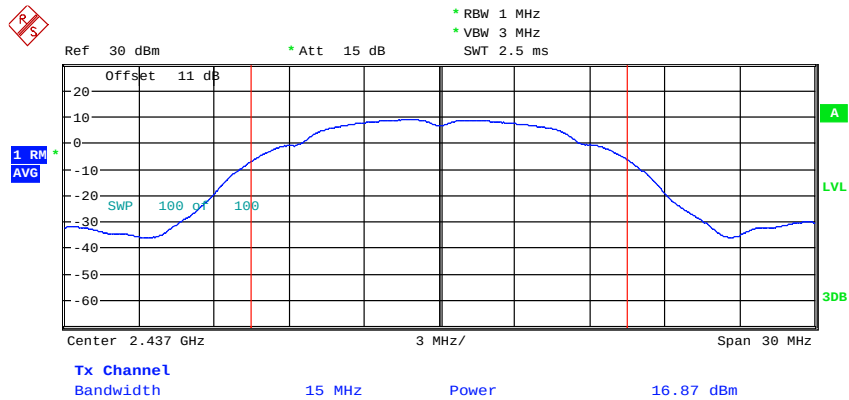


MAX OUTPUT POWER 802.11B CH01

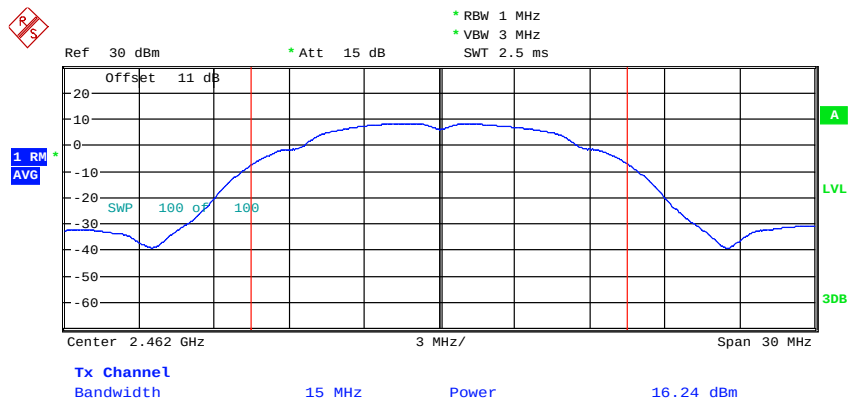
Date: 7.APR.2021 11:27:52



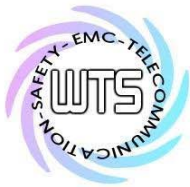
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



MAX OUTPUT POWER 802.11B CH06  
Date: 7.APR.2021 11:28:37



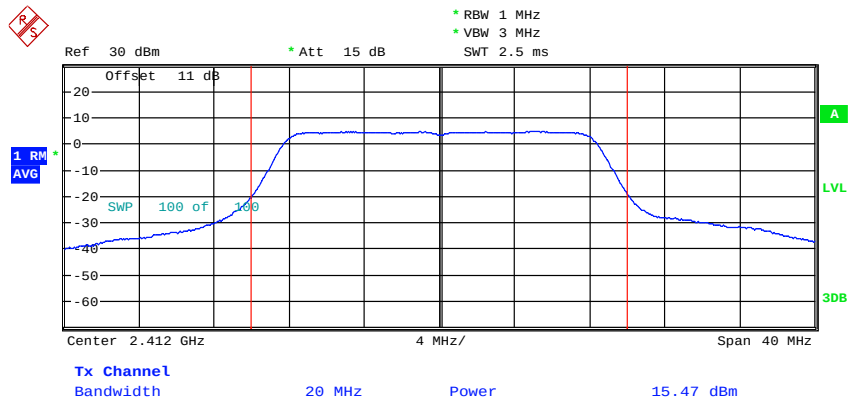
MAX OUTPUT POWER 802.11B CH11  
Date: 7.APR.2021 11:29:15



Registration number: W6M22103-20740-C-1

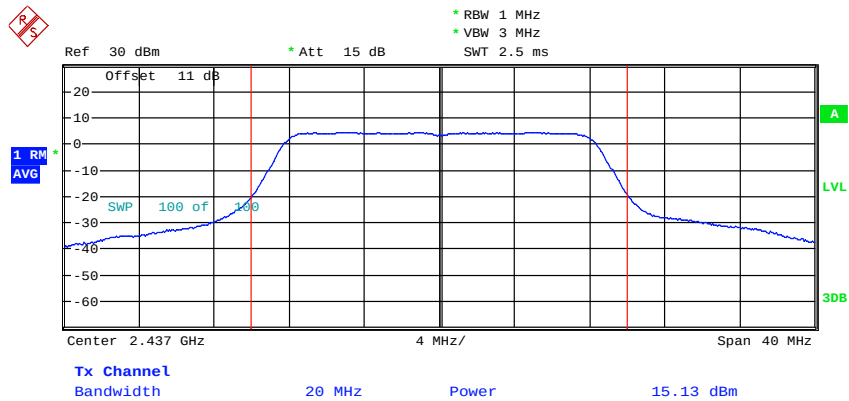
FCC ID: GX9CHMG

Mode B



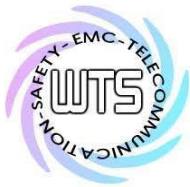
MAX OUTPUT POWER 802.11G CH01

Date: 7.APR.2021 11:29:56

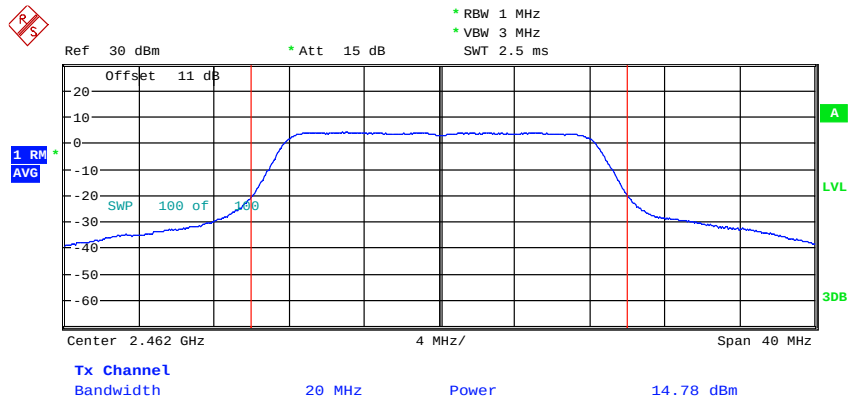


MAX OUTPUT POWER 802.11G CH06

Date: 7.APR.2021 11:30:33

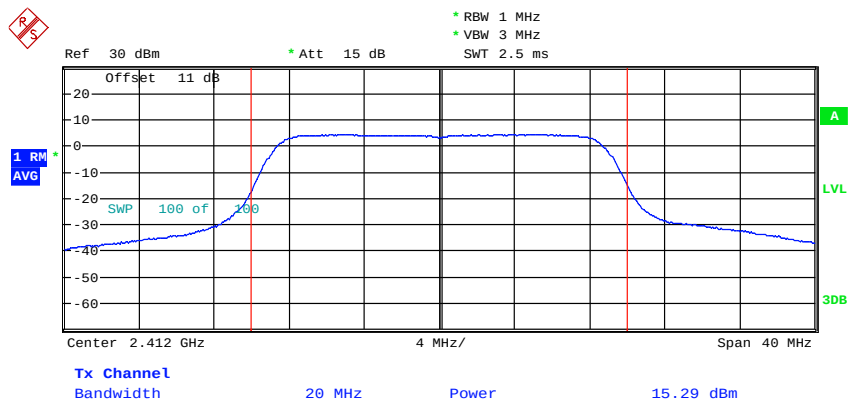


Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG

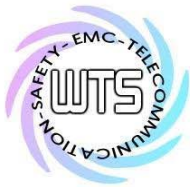


MAX OUTPUT POWER 802.11G CH11  
Date: 7.APR.2021 11:31:06

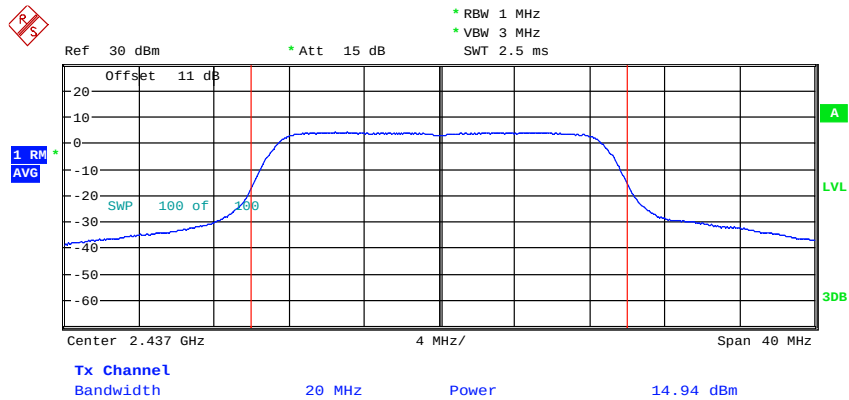
Mode C



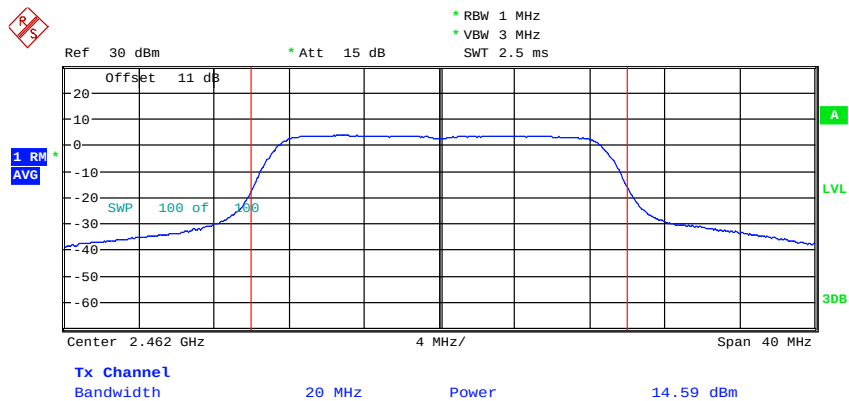
MAX OUTPUT POWER 802.11N 20MHZ CH1  
Date: 7.APR.2021 11:31:49



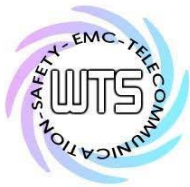
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



MAX OUTPUT POWER 802.11N 20MHZ CH6  
Date: 7.APR.2021 11:32:27



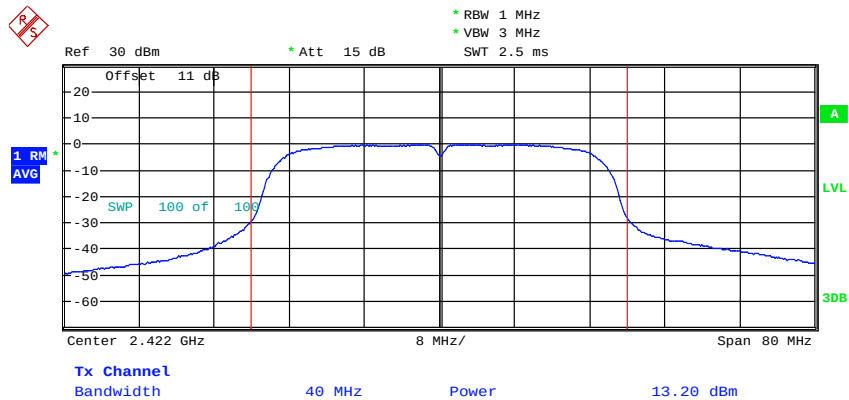
MAX OUTPUT POWER 802.11N 20MHZ CH11  
Date: 7.APR.2021 11:33:01



Registration number: W6M22103-20740-C-1

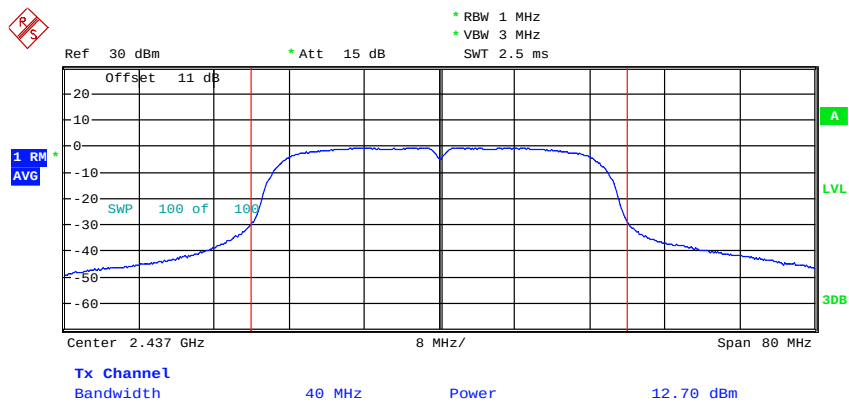
FCC ID: GX9CHMG

Mode D



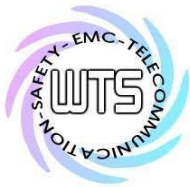
MAX OUTPUT POWER 802.11N 40MHZ CH1

Date: 7.APR.2021 11:34:30

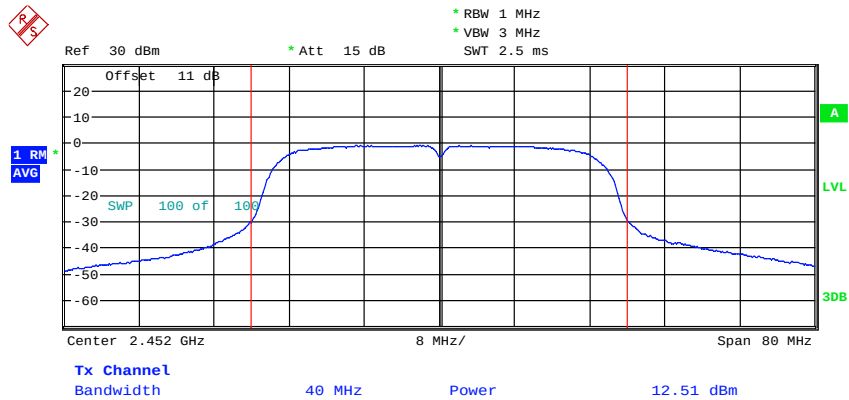


MAX OUTPUT POWER 802.11N 40MHZ CH4

Date: 7.APR.2021 11:35:16

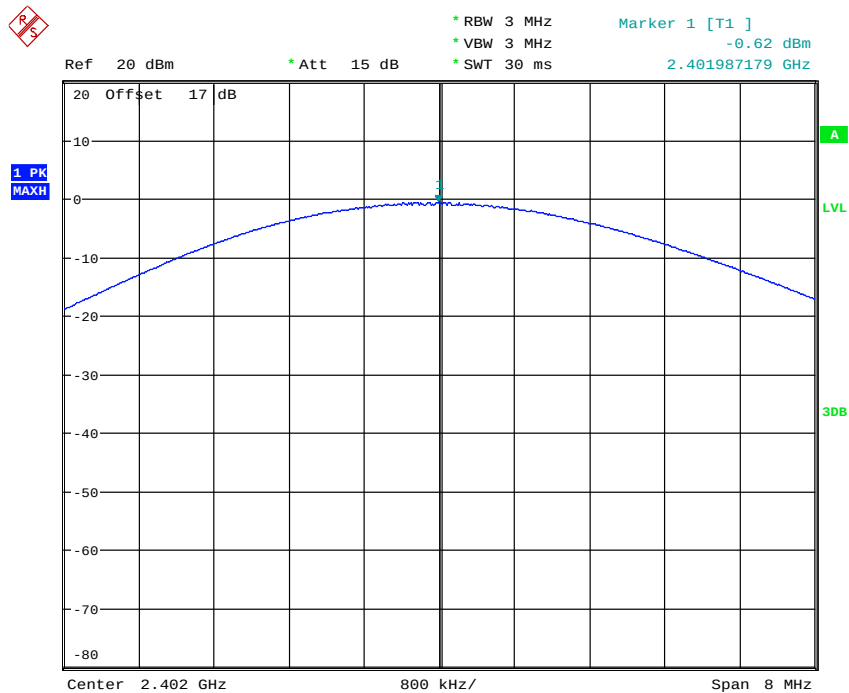


Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG

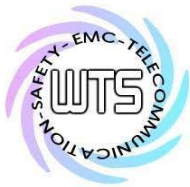


MAX OUTPUT POWER 802.11N 40MHZ CH7  
Date: 7.APR.2021 11:35:59

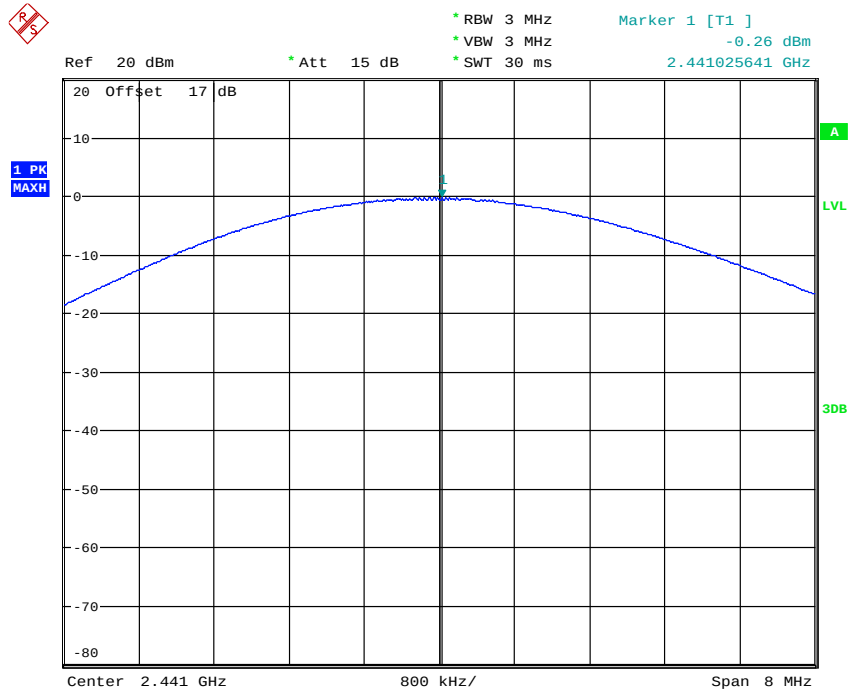
## Mode E



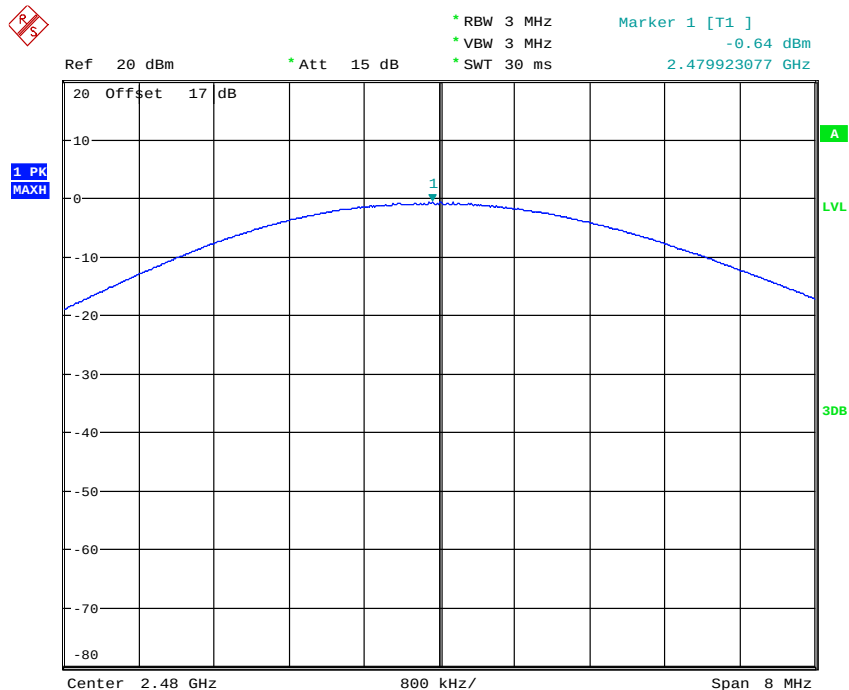
MAX OUTPUT POWER CH0  
Date: 7.APR.2021 11:55:16



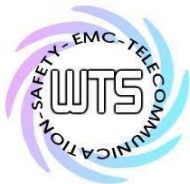
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



MAX OUTPUT POWER CH39  
Date: 7.APR.2021 11:56:00



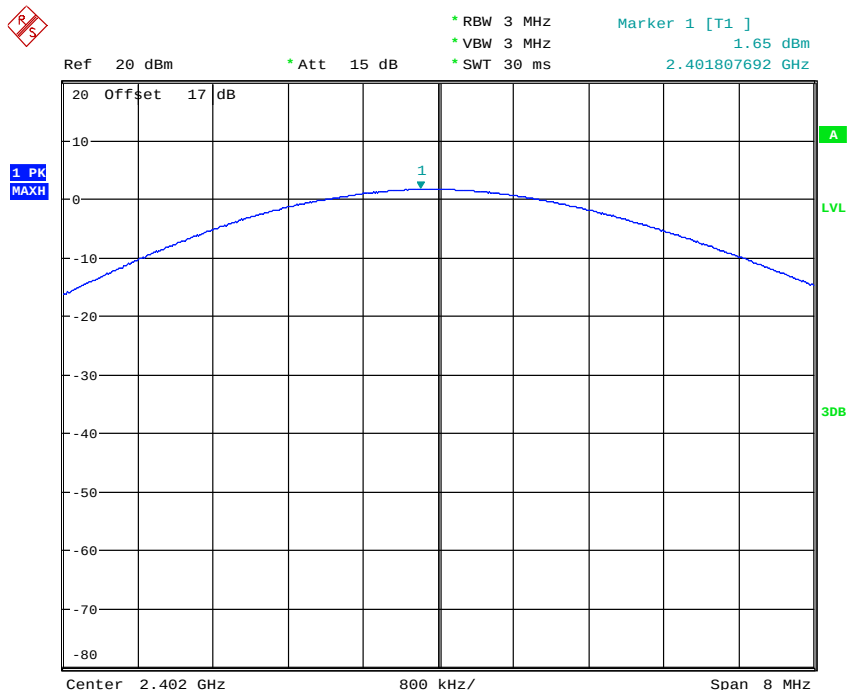
MAX OUTPUT POWER CH78  
Date: 7.APR.2021 11:56:28



Registration number: W6M22103-20740-C-1

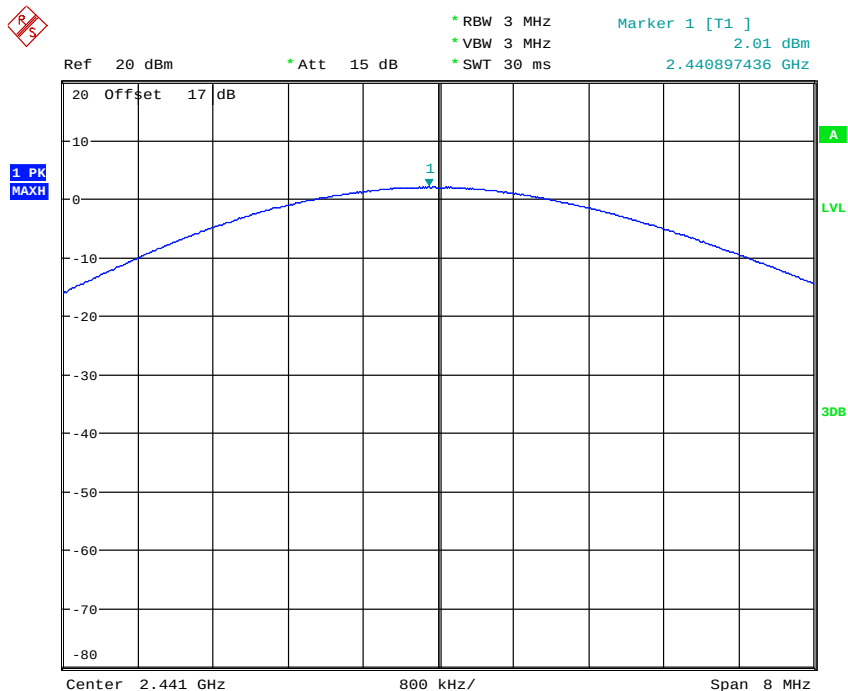
FCC ID: GX9CHMG

Mode F



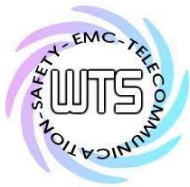
MAX OUTPUT POWER CH0 EDR MODE

Date: 7.APR.2021 11:57:08

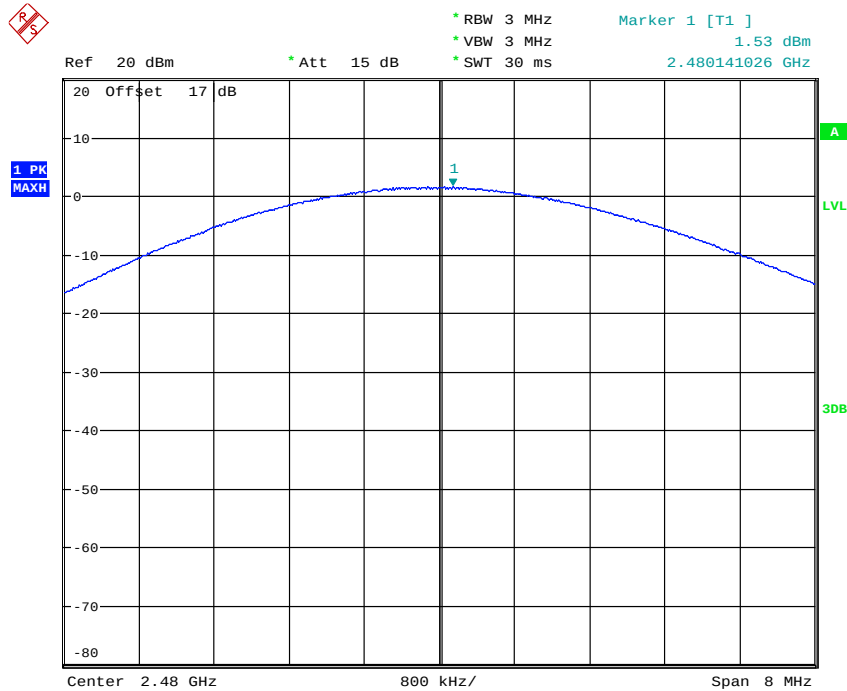


MAX OUTPUT POWER CH39 EDR MODE

Date: 7.APR.2021 11:57:48

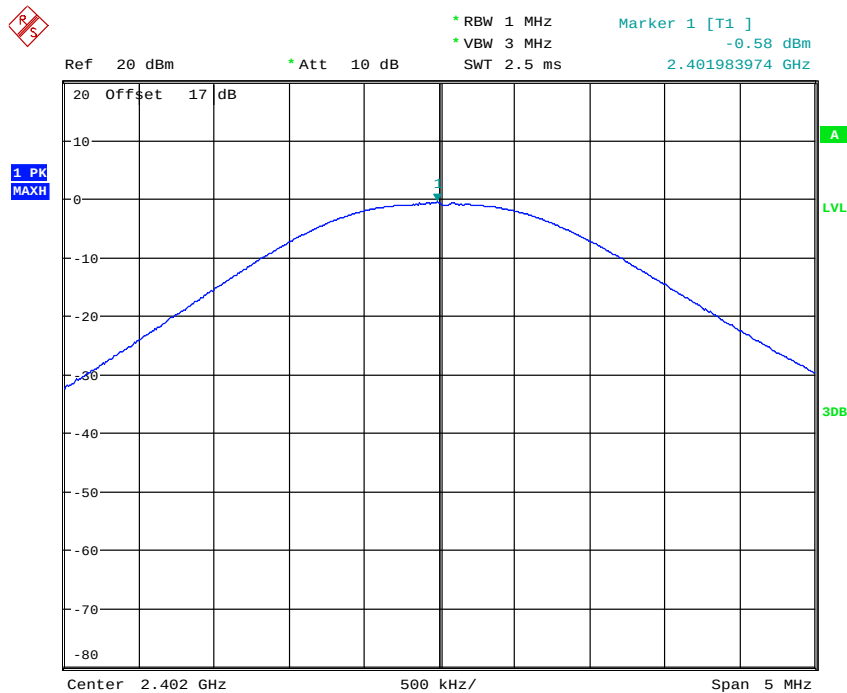


Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG

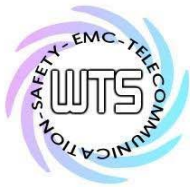


MAX OUTPUT POWER CH78 EDR MODE  
Date: 7.APR.2021 11:58:24

Mode G

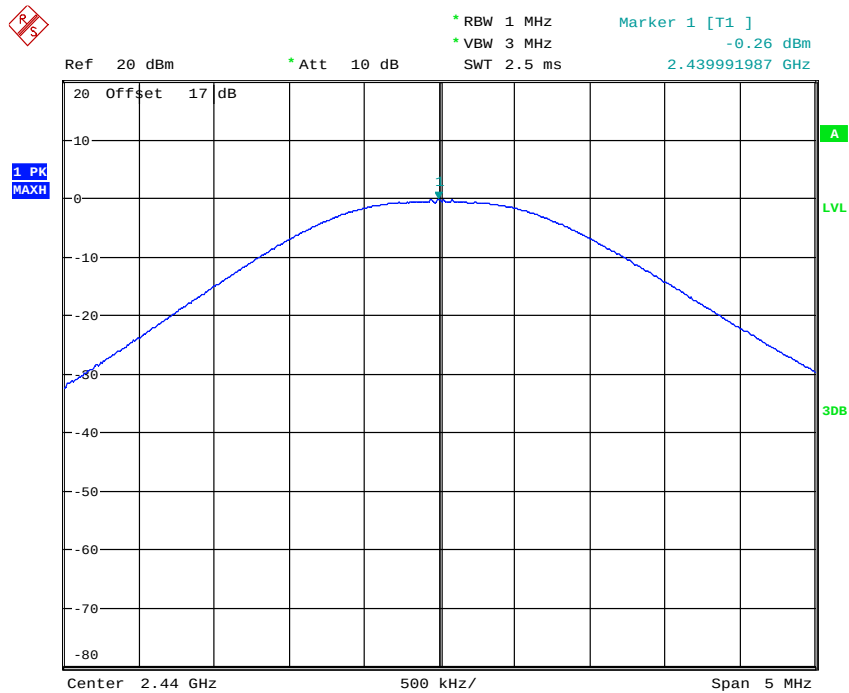


MAX OUTPUT POWER BT4.0 CH00  
Date: 7.APR.2021 11:51:00

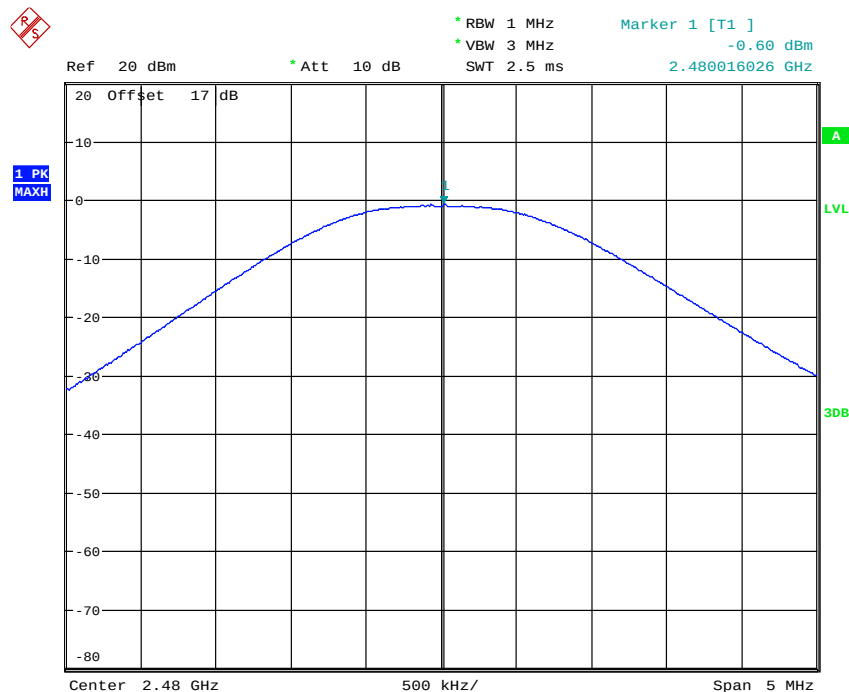


# Worldwide Testing Services(Taiwan) Co., Ltd.

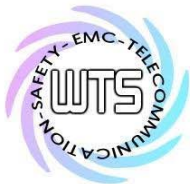
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



MAX OUTPUT POWER BT4.0 CH19  
Date: 7.APR.2021 11:51:48



MAX OUTPUT POWER BT4.0 CH39  
Date: 7.APR.2021 11:52:22



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

Registration number: W6M22103-20740-C-1

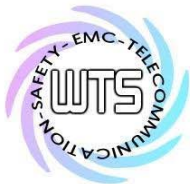
FCC ID: GX9CHMG

Limits:

| Frequency<br>MHz | Power<br>dBm |
|------------------|--------------|
| 902 - 928        | 30           |
| 2400 – 2483.5    | 30           |
| 5725 – 5850      | 30           |

In case of employing transmitter antennas having antenna gain  $> 6$  dBi and using fixed point-to point operation consider §15.247 (b)(4)

Test equipment used: ETSTW-RE 055, ETSTW-RE 050,  
ETSTW-RE 064



Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

## 3.2 Equivalent Isotropic Radiated Power (EIRP)

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

EIRP = 16.99 dBm + (-0.59 dBi [antenna gain claimed by manufacturer]) = 16.40 dBm = 43.65 mW

Test equipment used: ETSTW-RE 055

## 3.3 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.

## MPE Calculation Method

### (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

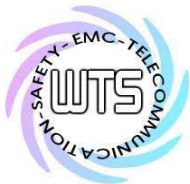
$$Pd = \frac{30 \times P \times G}{377 \times d^2} \text{ mW/cm}^2$$

Established separation distance is 20 cm.

Operating frequency band : 2412-2462 MHz

The product meets RF exposure requirement.

Because the power density of 0.0087 mW/cm<sup>2</sup> at 2412 MHz is below the power density limit of 1 mW/cm<sup>2</sup>.



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### **3.4 Transmitter Radiated Emissions in Restricted Bands**

FCC Rules: 15.247 (c), 15.205, 15.209, 15.35

Radiated emission measurements were performed from 30 MHz to 26500 MHz.

For radiated emission tests, the analyzer setting was as followings:

Frequency  $\leq$  1 GHz, RBW:100 kHz, VBW: 100 kHz (Peak measurements)

Frequency  $>$  1 GHz, RBW: 1 MHz, VBW: 1 MHz (Peak measurements)

Frequency  $>$  1 GHz , RBW:1 MHz , VBW: 10 Hz (Average measurements)

Limits.

For frequencies below 1GHz:

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

For frequencies above 1GHz (Average measurements).

Guidance on Measurement of Digit Transmission Systems:

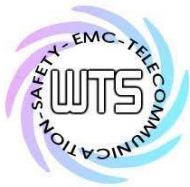
“If the emission is pulsed, modify the unit for continuous operation, use the setting shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.”

The correction factor, based on the total channel dwell time in a 100 ms period, may be mathematically applied to a measurement made with an average detector, to further reduce the value.

Duty cycle correction =  $20 \log (\text{dwell time} / 100\text{ms})$

Note: No duty cycle correction was added to the reading of this EUT.

Explanation: See attached diagrams in Appendix.



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## **3.5 Spurious Emissions (tx)**

Spurious emission was measured with modulation (declared by manufacturer).

In any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c))

FCC Rule: 15.247(d), 15.35

For out of band emissions that are close to or that exceed the 20 dB attenuation requirement described in the specification, radiated measurements were performed at a 3 m separation distance to determine whether these emissions complied with the general radiated emission requirement.

Limits:

For frequencies above 1GHz (Peak measurements).

Modified Limit for peak according to 15.35 (b) = Max Permitted average Limits + 20dB

For frequencies above 1GHz (Average measurements).

Max. reading – 20dB

Max. reading – 20 dB

Guidance on Measurement of Digit Transmission Systems:

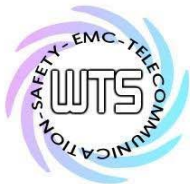
“If the emission is pulsed, modify the unit for continuous operation, use the settings shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.”

The correction factor, based on the total channel dwell time in a 100 ms period, may be mathematically applied to a measurement made with an average detector, to further reduce the value.

Duty Cycle correction =  $20 \log (\text{dwell time}/100\text{ms})$

Test equipment used: ETSTW-RE 030, ETSTW-RE 111, ETSTW-RE 088, ETSTW-RE 018,  
ETSTW-RE 064

Note: No duty cycle correction was added to the reading of EUT.



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

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SAMPLE CALCULATION OF LIMIT. All results will be updated by an automatic measuring system in accordance with point 2.3.

Calculation of test results:

Such factors like antenna correction, cable loss, external attenuation etc. are already included in the provided measurement results. This is done by using validated test software and calibrated test system according the accreditation requirements.

The peak and average spurious emission plots was measured with the average limits.

In the Table being listed the critical peak and average value and exhibit the compliance with the above calculated Limits.

If in the column's correction factor states a value then the max. Field strength in the same row is corrected by a value gained from the "Correction Factor".

## **Summary table with radiated data of the test plots**

|                    |                   |          |                |                    |                   |                |                           |                      |
|--------------------|-------------------|----------|----------------|--------------------|-------------------|----------------|---------------------------|----------------------|
| Model:             | CHMG-1            |          |                | Date:              | --                |                |                           |                      |
| Mode:              | --                |          |                | Temperature:       | --                | °C             | Engineer:                 | --                   |
| Polarization:      | --                |          |                | Humidity:          | --                | %              |                           |                      |
| Frequency<br>(MHz) | Reading<br>(dBuV) | Detector | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Table<br>Degree<br>(Deg.) | Ant.<br>High<br>(cm) |
| --                 | --                | --       | --             | --                 | --                | --             | --                        | --                   |
| --                 | --                | --       | --             | --                 | --                | --             | --                        | --                   |

|                    |                   |      |                |                        |      |                       |      |                |                           |                      |
|--------------------|-------------------|------|----------------|------------------------|------|-----------------------|------|----------------|---------------------------|----------------------|
| Frequency<br>(MHz) | Reading<br>(dBuV) |      | Factor<br>(dB) | Result @3m<br>(dBuV/m) |      | Limit @3m<br>(dBuV/m) |      | Margin<br>(dB) | Table<br>Degree<br>(Deg.) | Ant.<br>High<br>(cm) |
|                    | Peak              | Ave. | Corr.          | Peak                   | Ave. | Peak                  | Ave. |                |                           |                      |
| --                 | --                | --   | --             | --                     | --   | --                    | --   | --             | --                        | --                   |
| --                 | --                | --   | --             | --                     | --   | --                    | --   | --             | --                        | --                   |

### **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.**

**TEST RESULT (Transmitter):** The unit DOES meet the FCC requirements.

Test equipment used: ETSTW-RE 030, ETSTW-RE 111, ETSTW-RE 088, ETSTW-RE 018,  
ETSTW-RE 064

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FCC ID: GX9CHMG

## 3.6 Carrier Frequency Separation

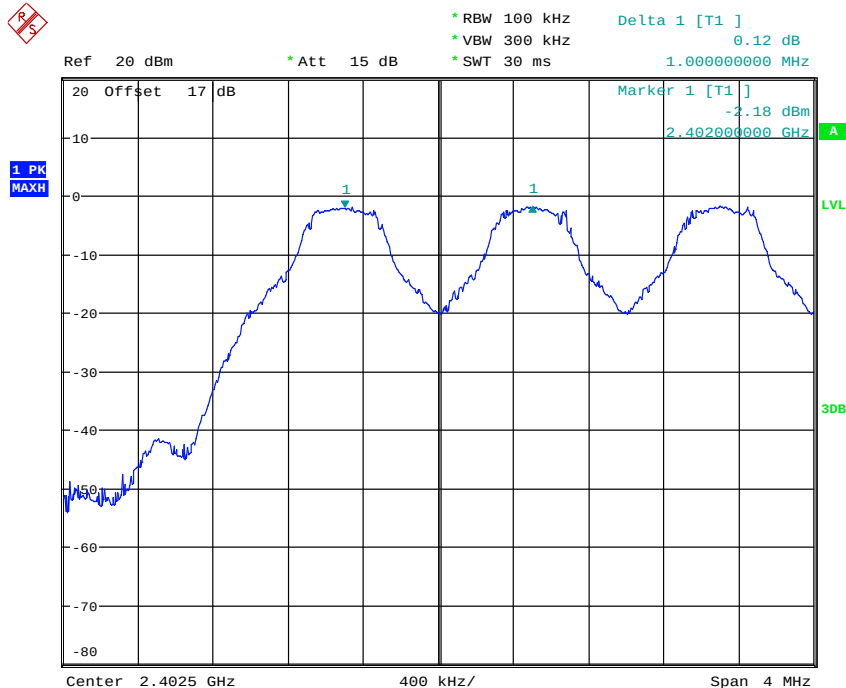
Carrier Frequency Separation was measured with modulation (declared by manufacturer). According to FCC rules part 15 subpart C §15.247 frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or 20 dB bandwidth of the hopping channel, whichever is greater.

Test date: April 07, 2021

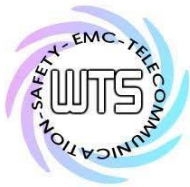
Temperature: 22.3 °C

Humidity: 53.1 %

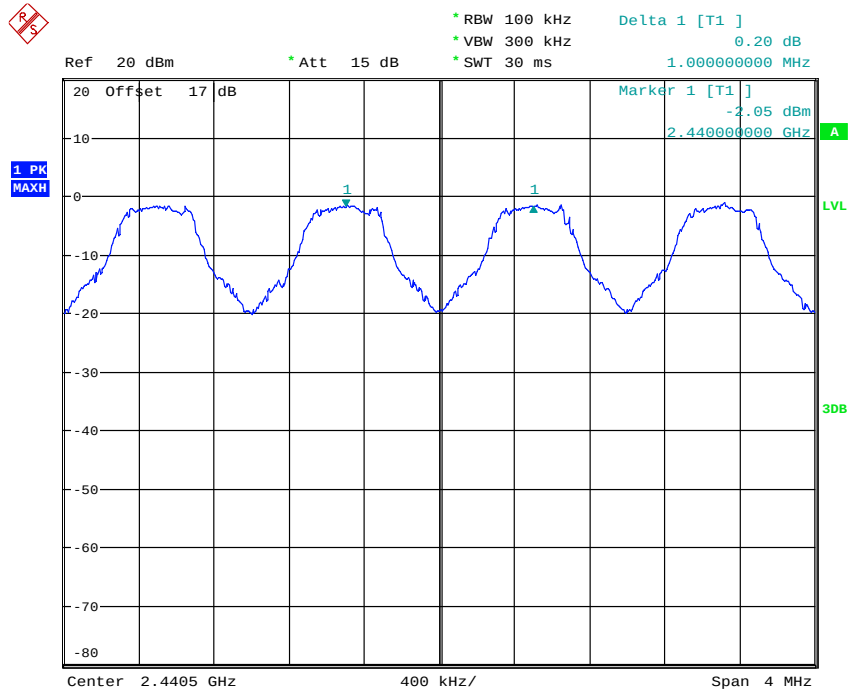
Tester: Sora



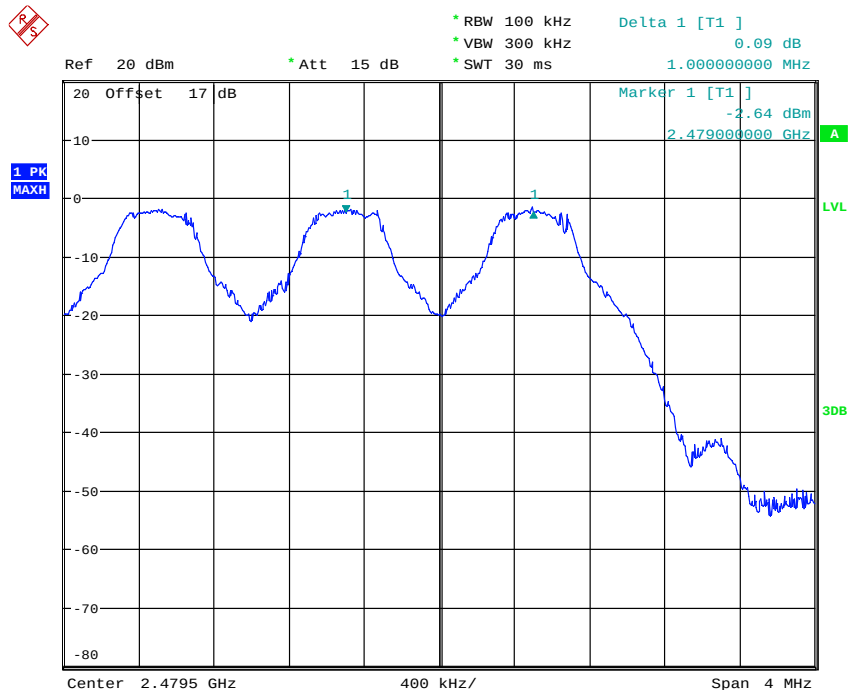
FREQUENCY SEPARATION CH0  
Date: 7.APR.2021 12:07:05



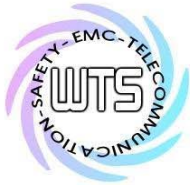
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



FREQUENCY SEPARATION CH39  
Date: 7.APR.2021 12:07:49



FREQUENCY SEPARATION CH78  
Date: 7.APR.2021 12:08:37



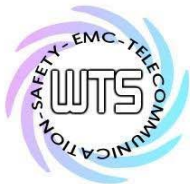
Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

**Limits:**

| Frequency Range<br>MHz     | Limits                   |                          |
|----------------------------|--------------------------|--------------------------|
|                            | 20 dB bandwidth < 25 kHz | 20 dB bandwidth > 25 kHz |
| 902-928                    | 25 kHz                   | 20 dB bandwidth          |
| 2400-2483.5<br>5725-5850.0 | 25 kHz                   | 20 dB bandwidth          |

Test equipment used: ETSTW-RE 055, ETSTW-RE 064



Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

## 3.7 Number of Hopping Frequencies

According to FCC rules part 15 subpart C §15.247 frequency hopping systems operating in the 2400-2483.5 MHz band shall use at least 15 hopping frequencies. Frequency hopping systems in 5725-5850 MHz bands shall use least 75 hopping frequencies.

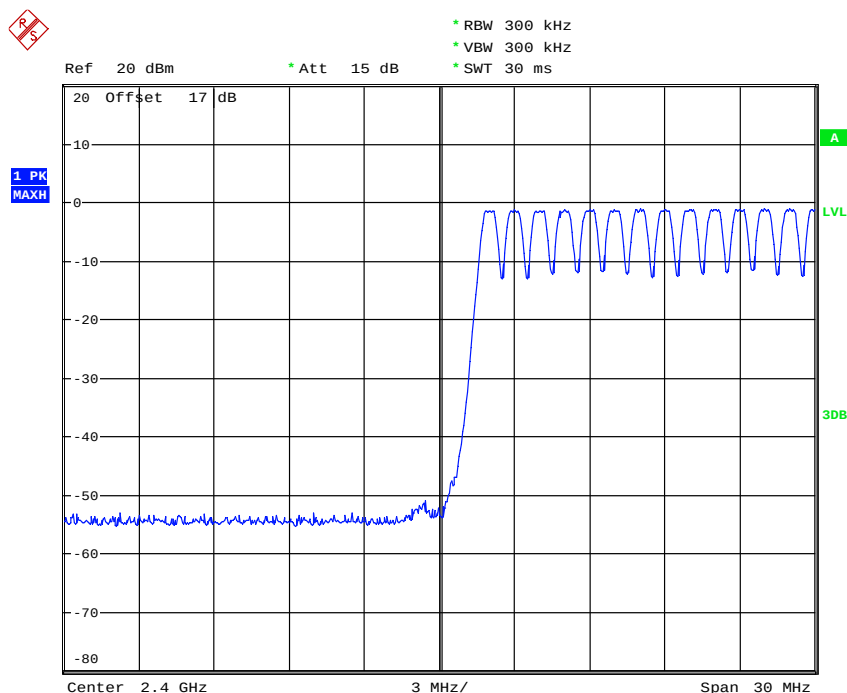
For frequency hopping systems operating in the 902-928 MHz band: if the 20dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies; if the 20dB bandwidth of the hopping channel 250 kHz or greater, the system shall use at least 25 hopping frequencies.

Test date: April 07, 2021

Temperature: 22.3 °C

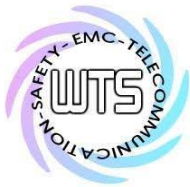
Humidity: 53.1 %

Tester: Sora

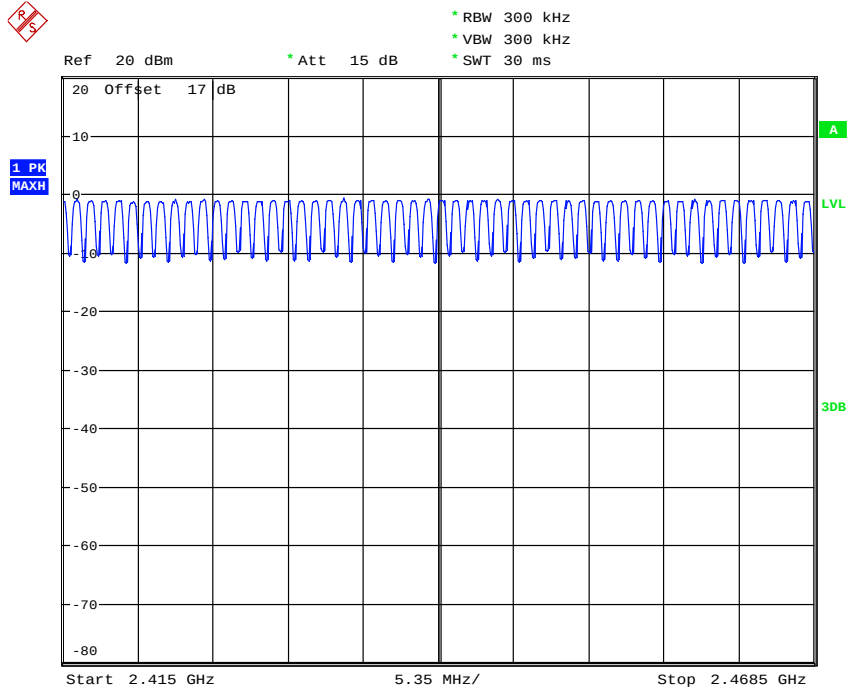


NUMBER OF HOPPING CH0-13

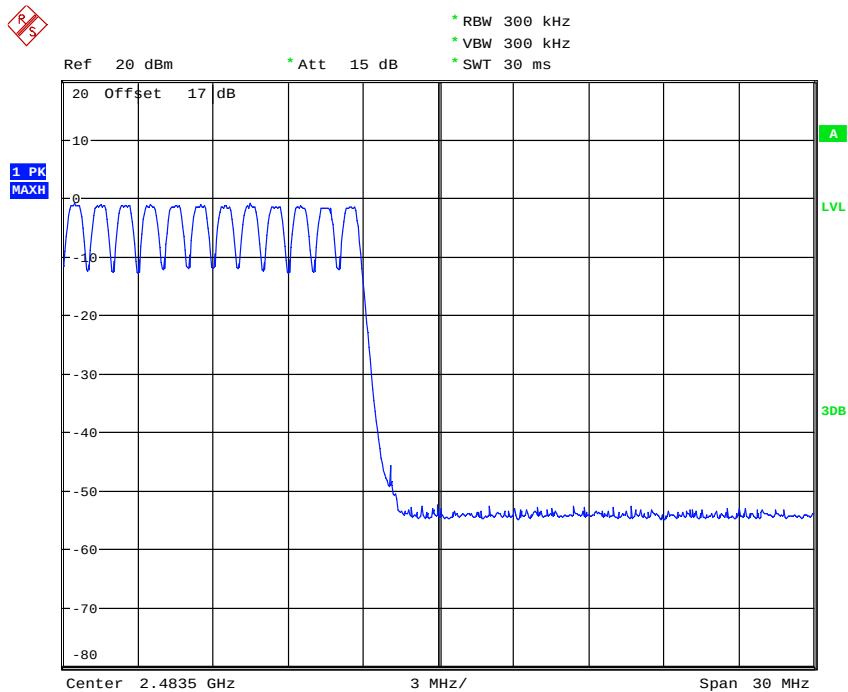
Date: 7.APR.2021 12:04:24



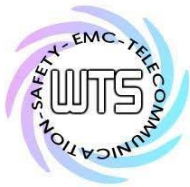
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



NUMBER OF HOPPING CH14-66  
Date: 7.APR.2021 12:06:12



NUMBER OF HOPPING CH67-78  
Date: 7.APR.2021 12:05:04



Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

## **Limits:**

| Frequency Range<br>MHz | Limit                    |                    |
|------------------------|--------------------------|--------------------|
|                        | 20dB Bandwidth           | Number of Channels |
| 902-928 MHz            | Bandwidth < 250 kHz      | $\geq 50$          |
|                        | Bandwidth $\geq 250$ kHz | $\geq 25$          |
| 2400-2483.5            | not defined              | 15                 |
| 5725-5850.0 MHz        | 1 MHz                    | 75                 |

Test equipment used: ETSTW-RE 055, ETSTW-RE 064

### **3.7.1 Pseudorandom Frequency Hopping Sequence**

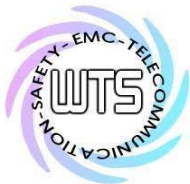
The generation of the hopping sequence is determined by the Bluetooth core specification and complies with the FCC requirements.

### **3.7.2 Coordination of hopping sequences to other transmitters**

According to the Bluetooth core specification such a coordination is not possible. During scatternet function only one of the two hopping sequences will be used at a definite moment.

### **3.7.3 System Receiver Hopping Capability**

According to the Bluetooth core specification. The system receivers shift frequencies in synchronization with the transmitted signals.



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## 3.8 Time of Occupancy (Dwell Time)

Frequency hopping systems operating in the 5725-5850 MHz band shall use an average time of occupancy on any frequency not greater than 0.4 seconds within a 30 second period.

In 2400-2483.5 MHz band the average time of occupancy on any channel shall not be greater than 0.4 seconds multiplied by the number of hopping channels employed.

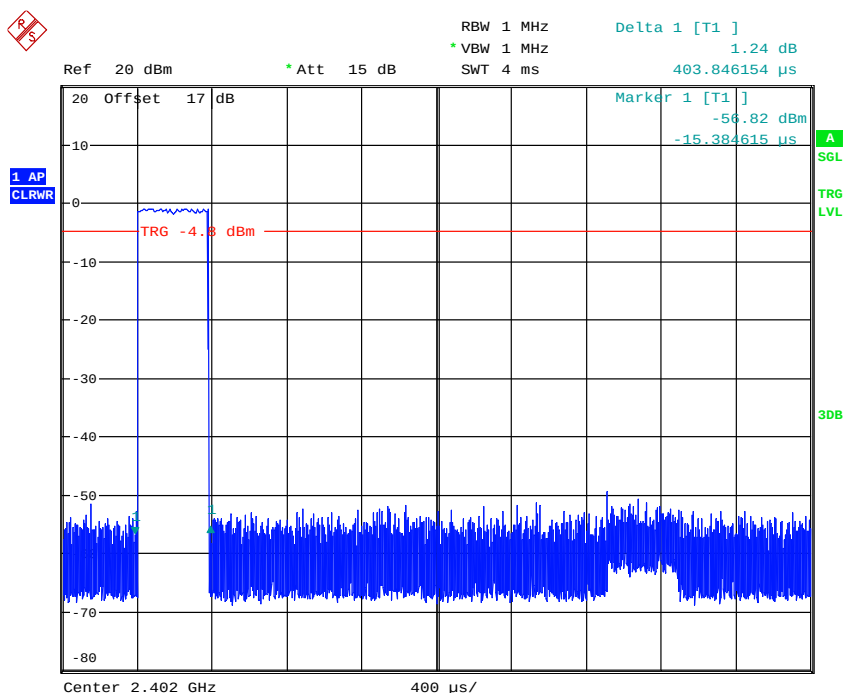
For frequency hopping systems operating in the 902-928 MHz band: if the 20dB bandwidth of the hopping channel is less than 250 kHz, the average time of occupancy on any frequency shall not greater than 0.4 seconds within a 20 second period; if the 20dB bandwidth of the hopping channel is 250 kHz or greater, the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period.

Test date: April 07, 2021

Temperature: 22.3 °C

Humidity: 53.1 %

Tester: Sora

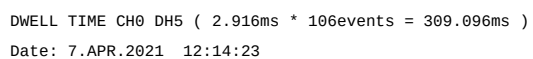
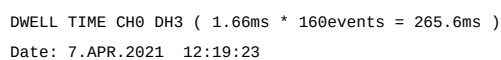


DWELL TIME CH0 DH1 ( 0.403ms \* 320events = 128.96ms )

Date: 7.APR.2021 12:21:07



FCC ID: GX9CHMG





Ref 20 dBm      \* Att 15 dB      RBW 1 MHz      VBW 1 MHz      SWT 4 ms      Delta 1 [T1]      -2.57 dB      403.846154 μs

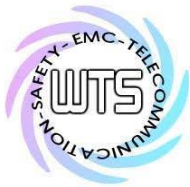
20 Offset 17 dB      Marker 1 [T1]      -54.65 dBm      -15.384615 μs

1 AP CLRWR      TRG -4.8 dBm      A SGL      TRG LVL      3dB

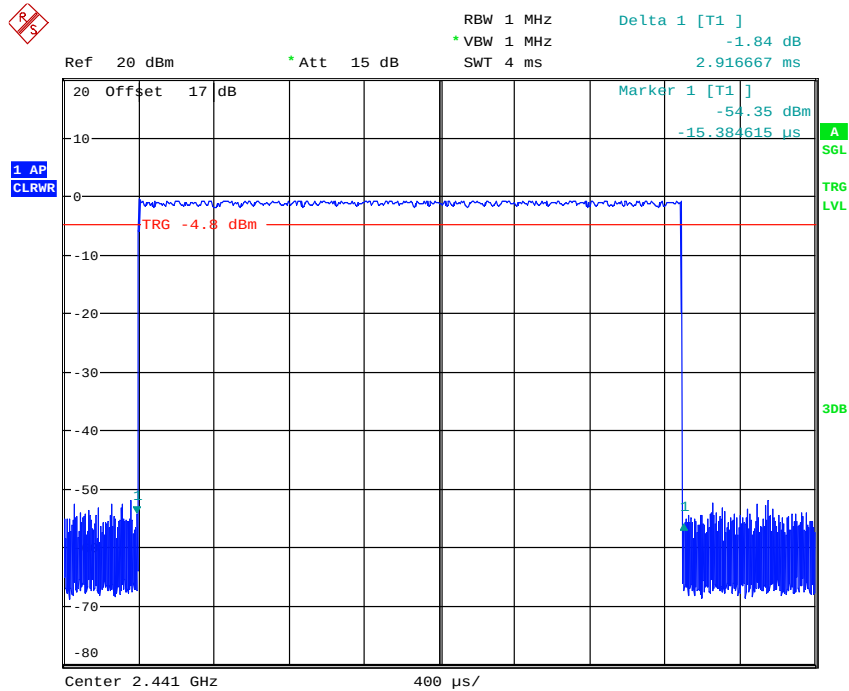
Center 2.441 GHz      400 μs/

[illegible]

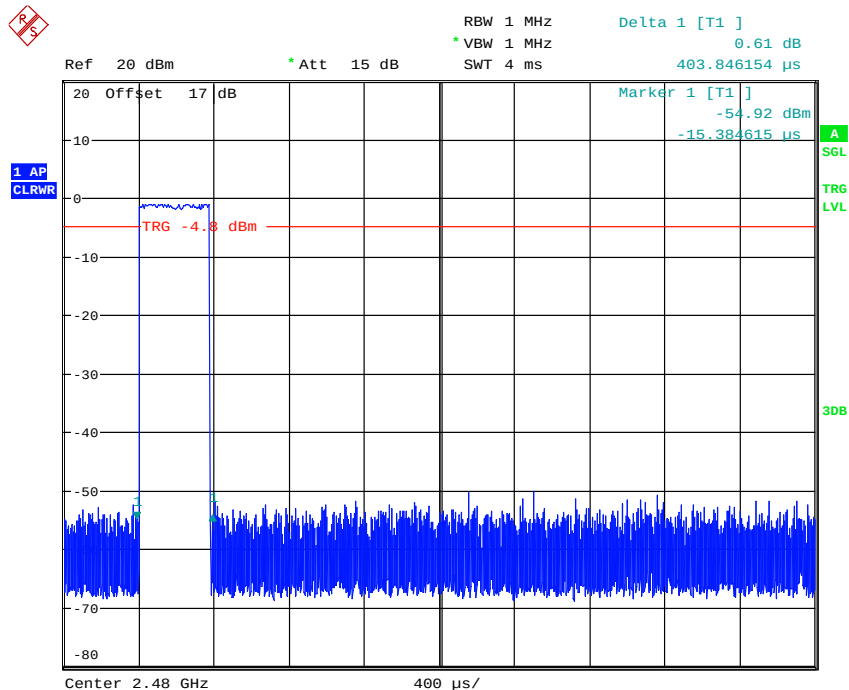
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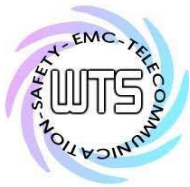
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



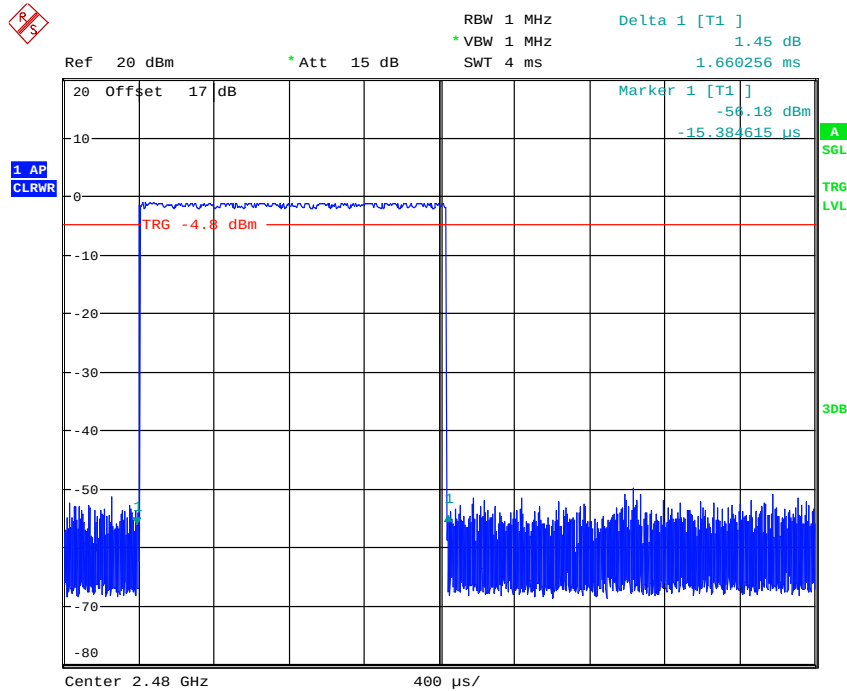
DWELL TIME CH39 DH5 ( 2.916ms \* 106events = 309.096ms )  
Date: 7.APR.2021 12:14:43



DWELL TIME CH78 DH1 ( 0.403ms \* 320events = 128.96ms )  
Date: 7.APR.2021 12:21:49

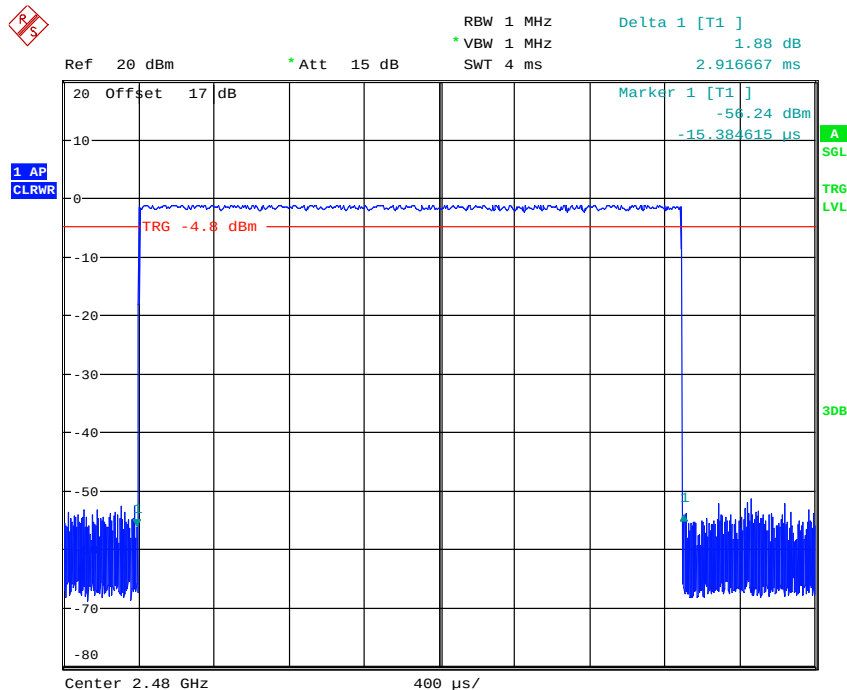


Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



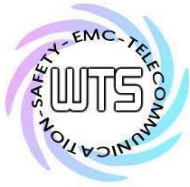
DWELL TIME CH78 DH3 ( 1.66ms \* 160events = 265.6ms )

Date: 7.APR.2021 12:18:46



DWELL TIME CH78 DH5 ( 2.916ms \* 106events = 309.096ms )

Date: 7.APR.2021 12:15:05



Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG

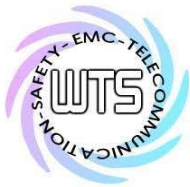
**Limits and measurement periods:**

| Frequency MHz | Number of channels | Measurement Periode             | Limit |
|---------------|--------------------|---------------------------------|-------|
| 902 – 928     | $\geq 50$          | 20 s                            | 0.4 s |
|               | $49 \geq 25$       | 10 s                            | 0.4 s |
| 2400 – 2483.5 | $\geq 15$          | 0.4 s * number of used channels | 0.4 s |
| 5725- 5850    | $\geq 75$          | 30 s                            | 0.4s  |

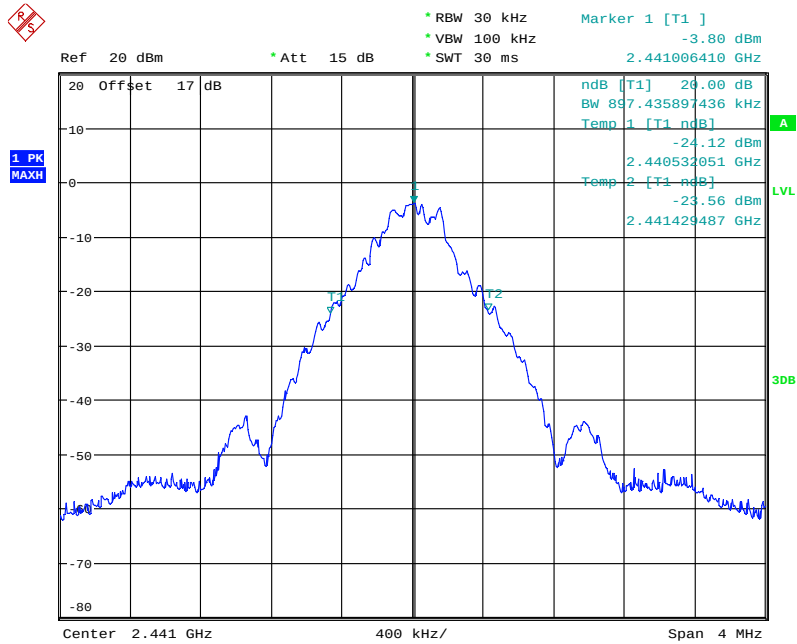
Test equipment used: ETSTW-RE 055, ETSTW-RE 064



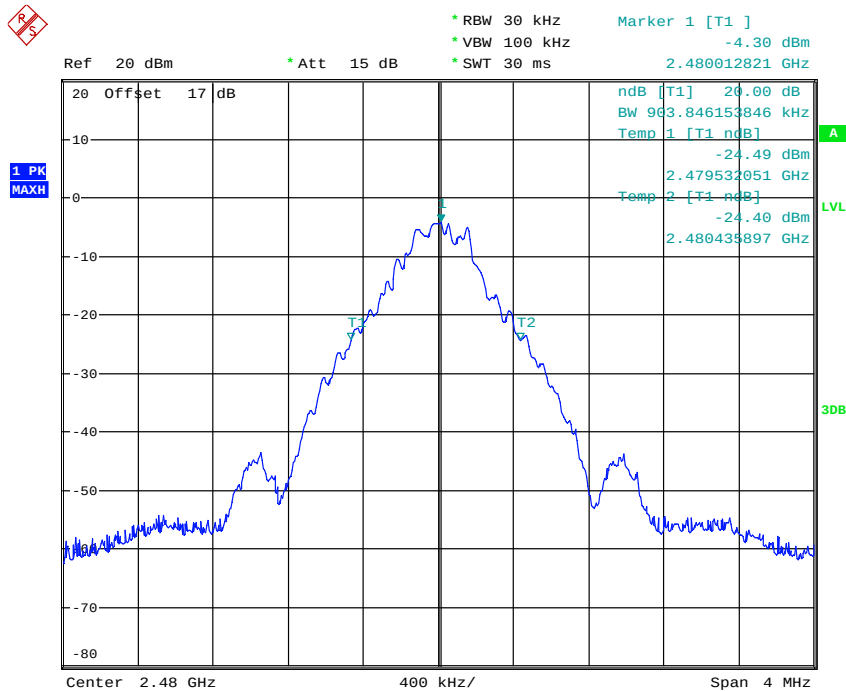
FCC ID: GX9CHMG



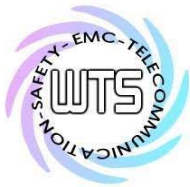
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



20DB BANDWIDTH CH39  
Date: 7.APR.2021 11:56:08



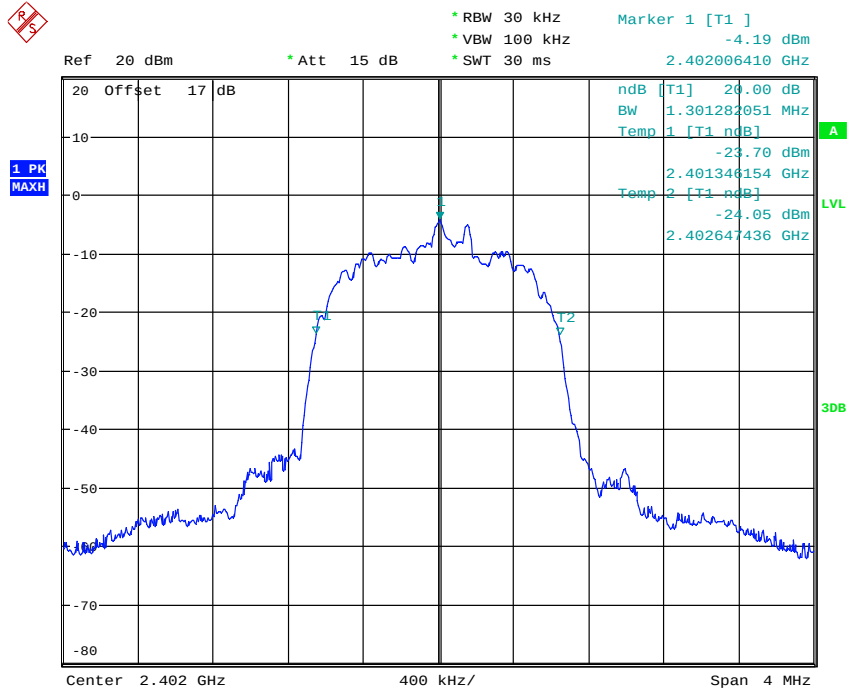
20DB BANDWIDTH CH78  
Date: 7.APR.2021 11:56:36



Registration number: W6M22103-20740-C-1

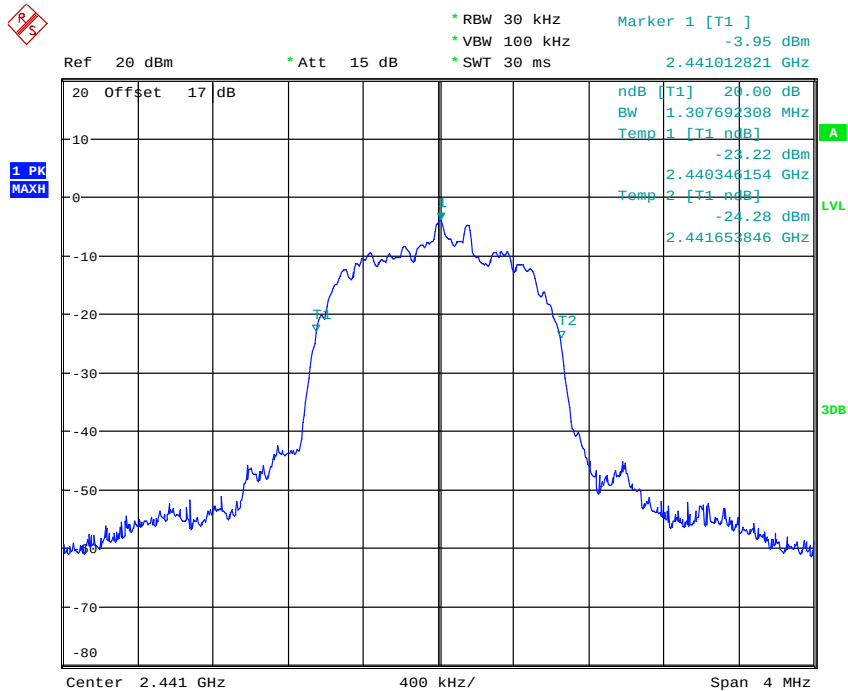
FCC ID: GX9CHMG

Mode F



20DB BANDWIDTH CH0 EDR MODE

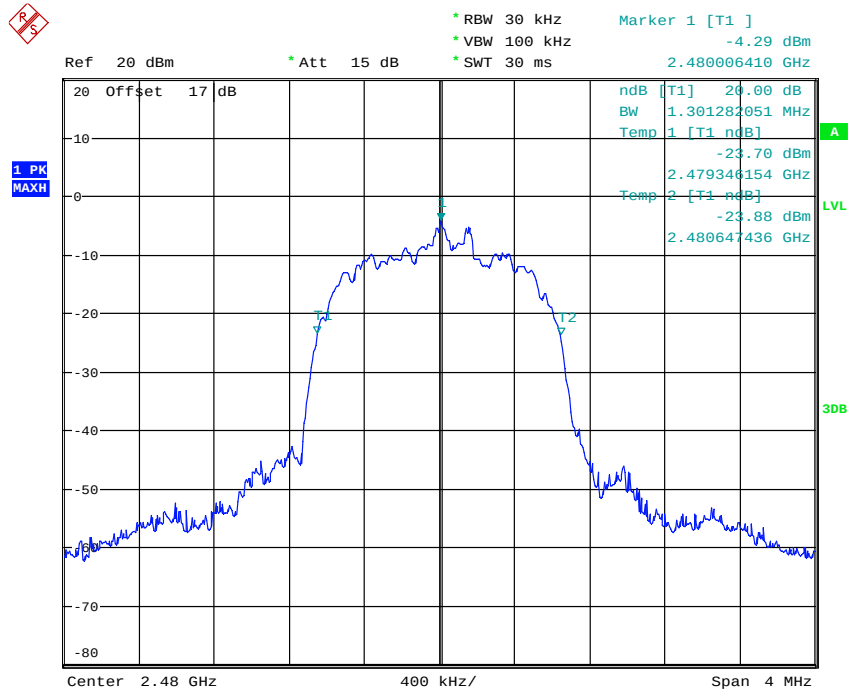
Date: 7.APR.2021 11:57:16



20DB BANDWIDTH CH39 EDR MODE

Date: 7.APR.2021 11:57:56

Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



20DB BANDWIDTH CH78 EDR MODE  
Date: 7.APR.2021 11:58:32

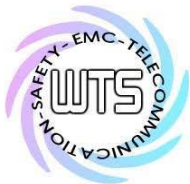
## Limits:

| Frequency Range / MHz | Limit          |
|-----------------------|----------------|
| 902-928               | $\leq 500$ kHz |
| 2400-2483.5           | not defined    |
| 5725-5850             | $\leq 1$ MHz   |

Test equipment used: ETSTW-RE 055, ETSTW-RE 064

### 3.9.1 System Receiver Input Bandwidth

It is determined in the Bluetooth core specification. The value matches to the bandwidth of transmitter signal.



Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

## 3.10 Minimum 6 dB Bandwidth

The analyzer ResBW was set to 100 kHz. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. A PEAK reading was taken, two markers were set 6 dB below the maximum level on the right and the left side of the emission.

The 6 dB bandwidth is the frequency difference between the two markers.

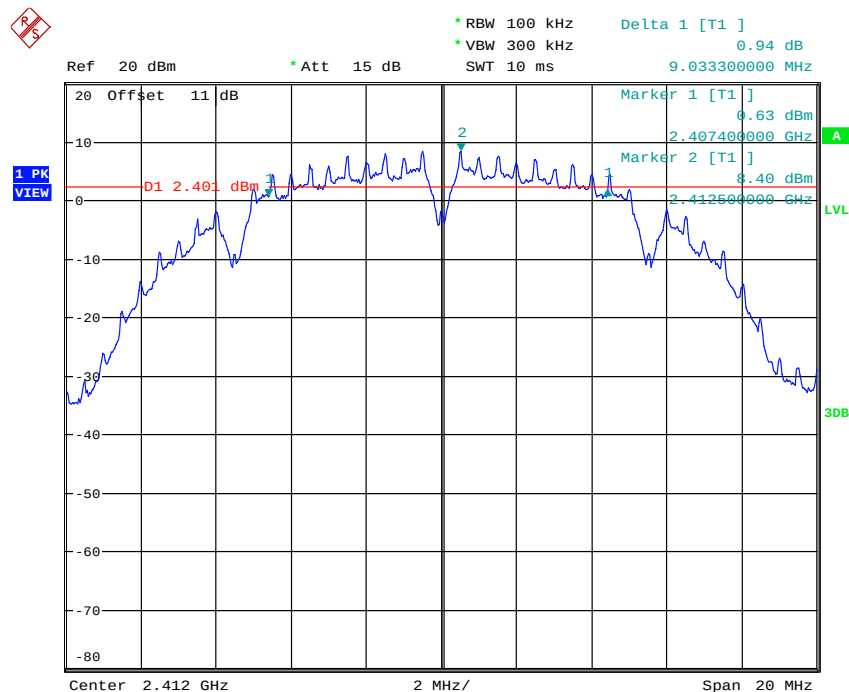
Test date: April 07, 2021

Temperature: 22.3 °C

Humidity: 53.1 %

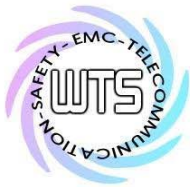
Tester: Sora

Mode A

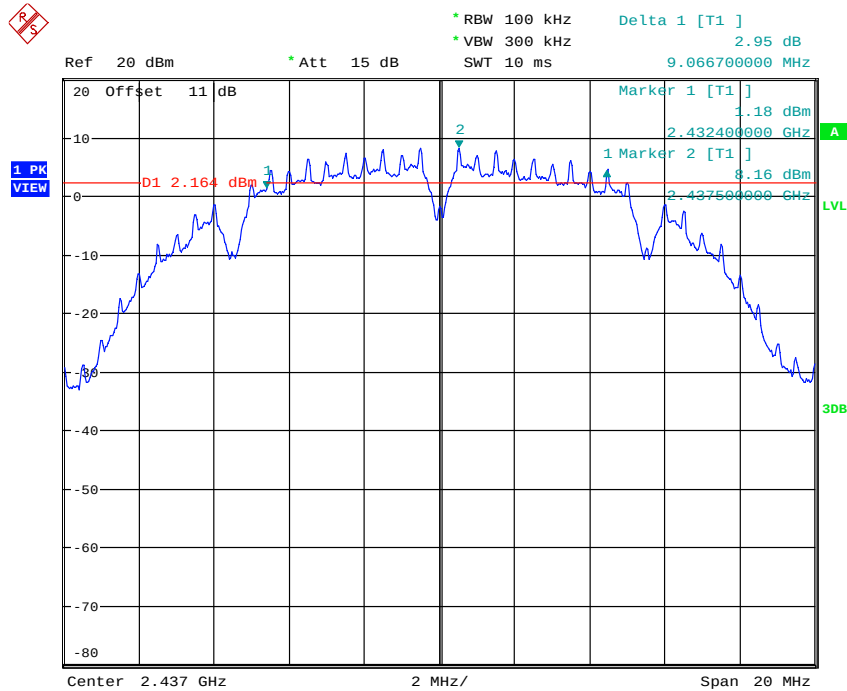


6DB BANDWIDTH 802.11B CH01

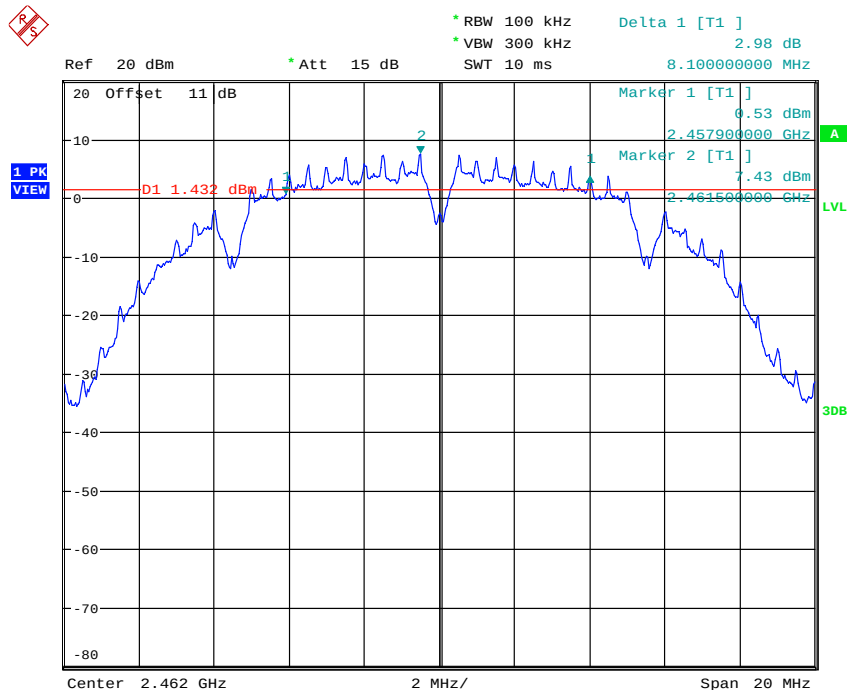
Date: 7.APR.2021 11:27:59



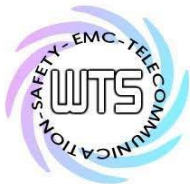
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



6DB BANDWIDTH 802.11B CH06  
Date: 7.APR.2021 11:28:44



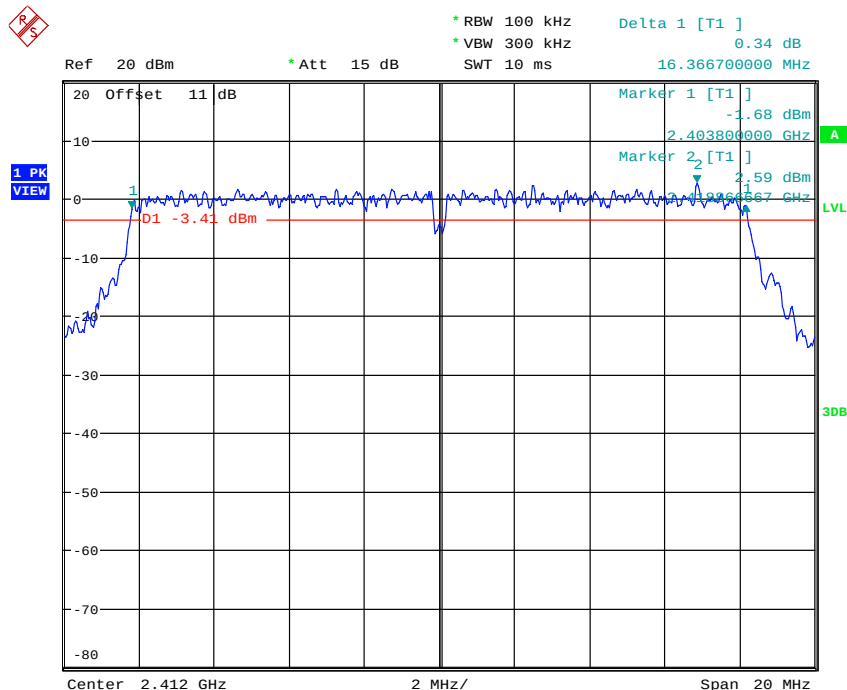
6DB BANDWIDTH 802.11B CH11  
Date: 7.APR.2021 11:29:21



Registration number: W6M22103-20740-C-1

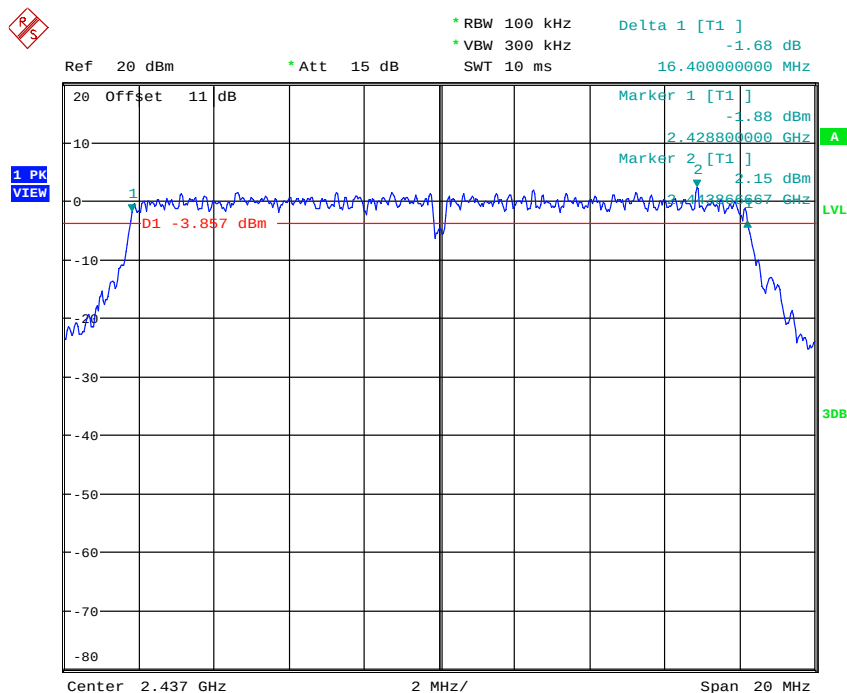
FCC ID: GX9CHMG

Mode B



6DB BANDWIDTH 802.11G CH01

Date: 7.APR.2021 11:30:03



6DB BANDWIDTH 802.11G CH06

Date: 7.APR.2021 11:30:40



Ref 20 dBm \* Att 15 dB \* RBW 100 kHz Delta 1 [T1] -3.15 dB  
\* VBW 300 kHz 16.433300000 MHz  
SWT 10 ms

20 Offset 11 dB

Marker 1 [T1] -2.14 dBm  
2.453800000 GHz

Marker 2 [T1] 1.06 dBm  
2.455000000 GHz

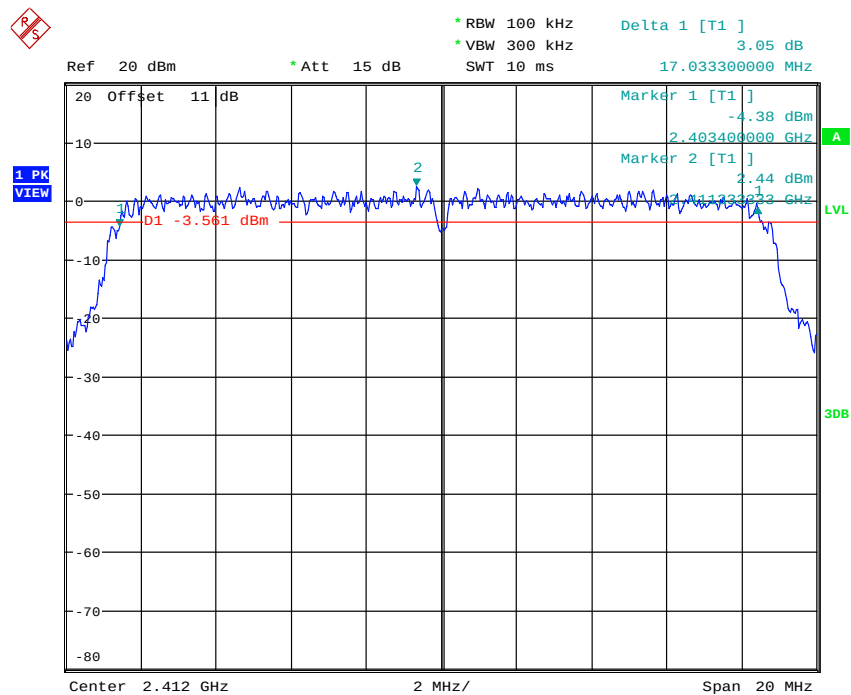
D1 -4.938 dBm

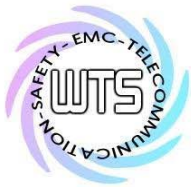
1 PK VIEW

3dB

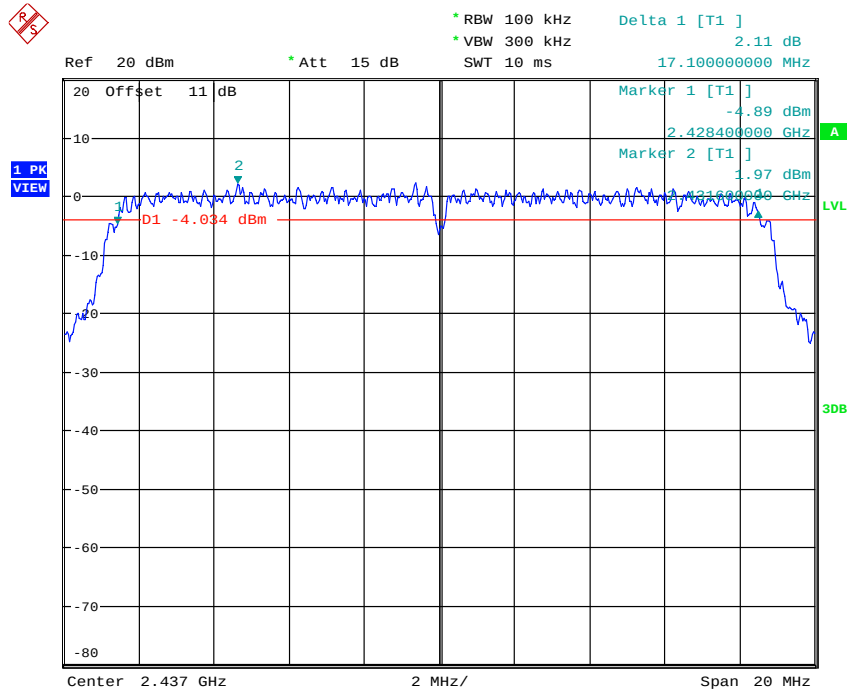
Center 2.462 GHz 2 MHz/ Span 20 MHz

Mode C

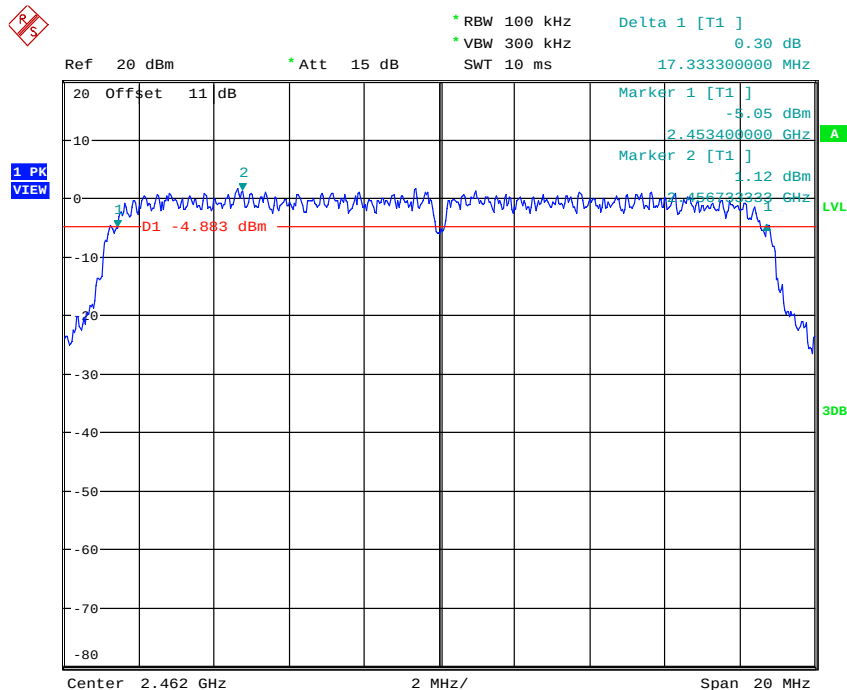




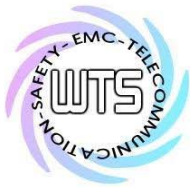
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



6DB BANDWIDTH 802.11N 20MHZ CH6  
Date: 7.APR.2021 11:32:34



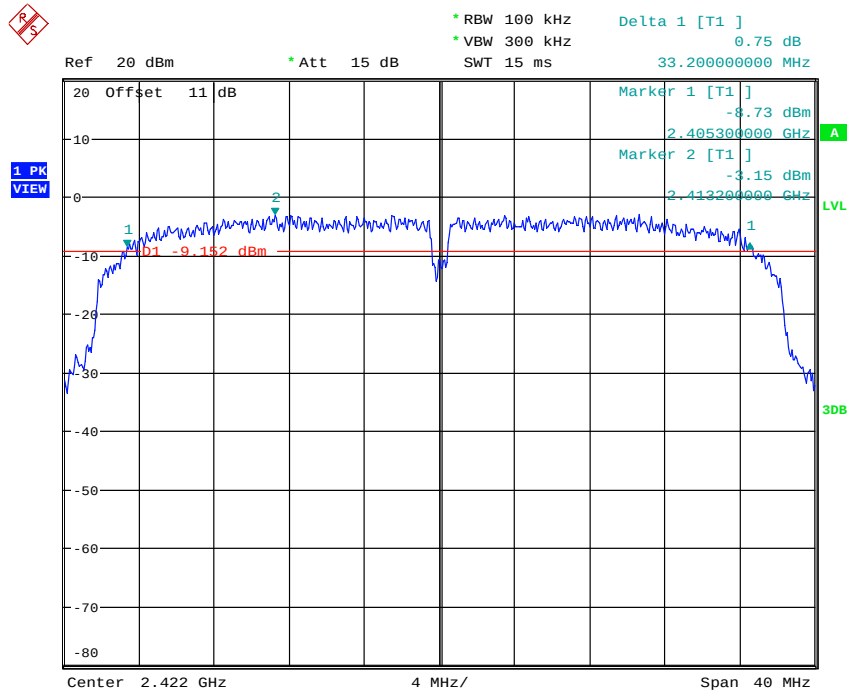
6DB BANDWIDTH 802.11N 20MHZ CH11  
Date: 7.APR.2021 11:33:08



Registration number: W6M22103-20740-C-1

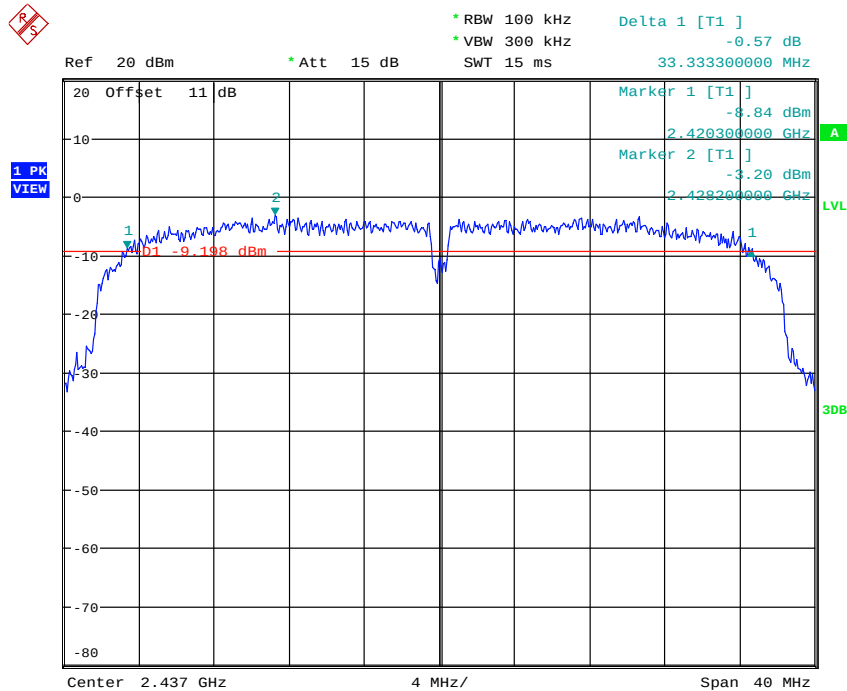
FCC ID: GX9CHMG

Mode D



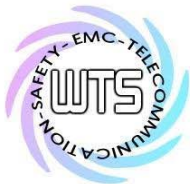
6DB BANDWIDTH 802.11N 40MHZ CH1

Date: 7.APR.2021 11:34:37



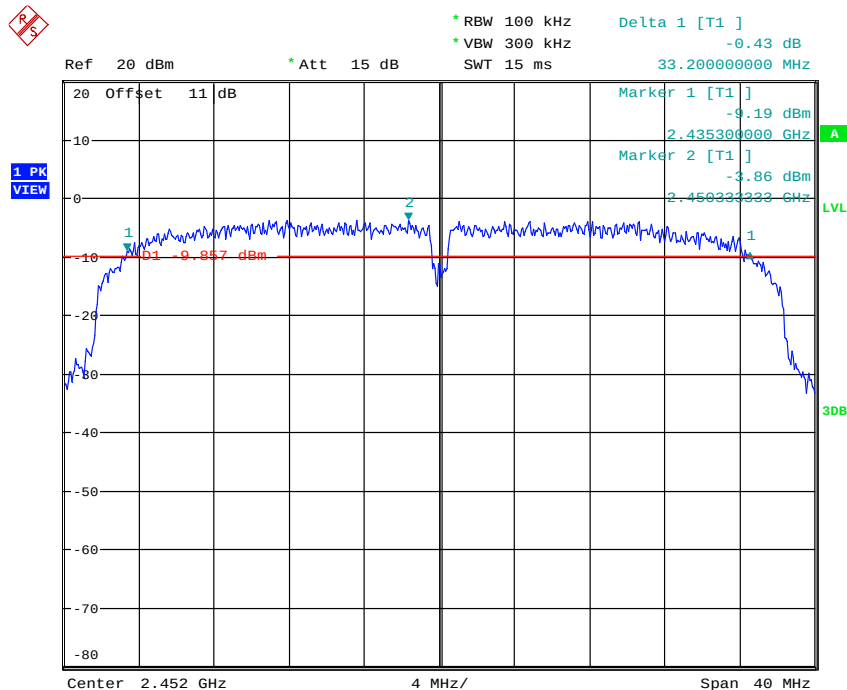
6DB BANDWIDTH 802.11N 40MHZ CH4

Date: 7.APR.2021 11:35:23



Registration number: W6M22103-20740-C-1

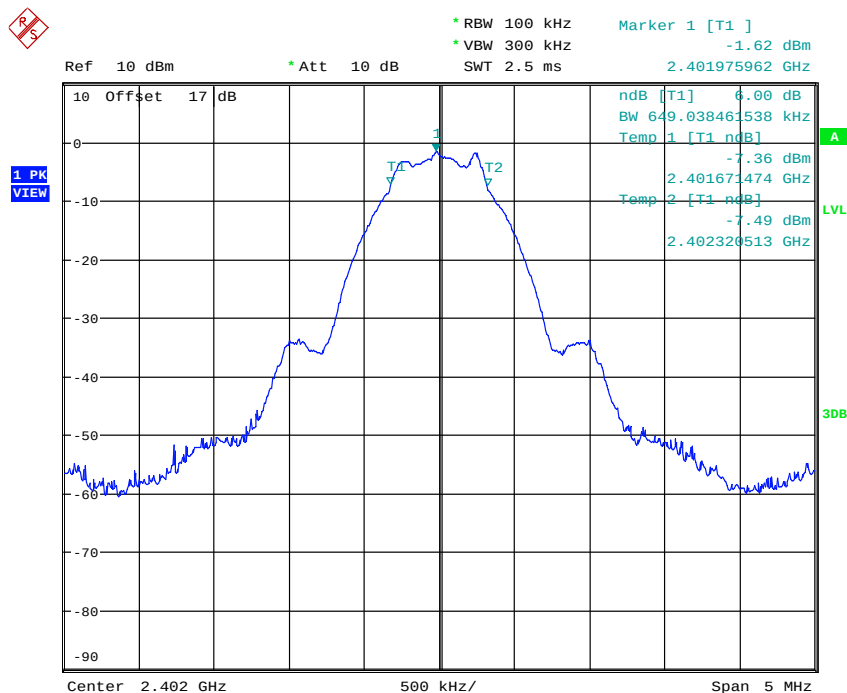
FCC ID: GX9CHMG



6DB BANDWIDTH 802.11N 40MHZ CH7

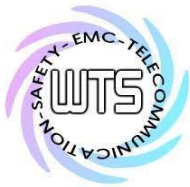
Date: 7.APR.2021 11:36:06

Mode G

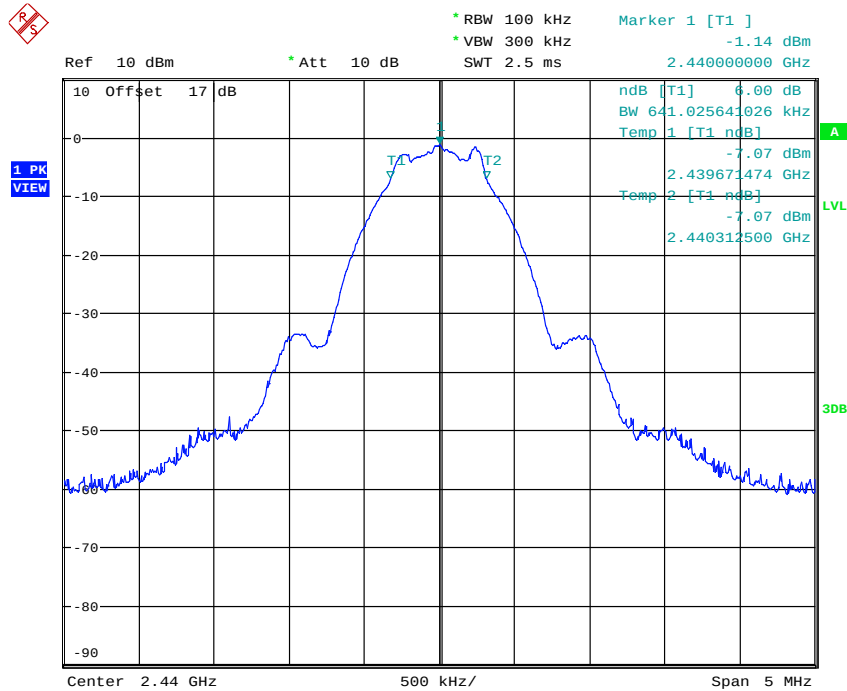


6DB BANDWIDTH BT4.0 CH00

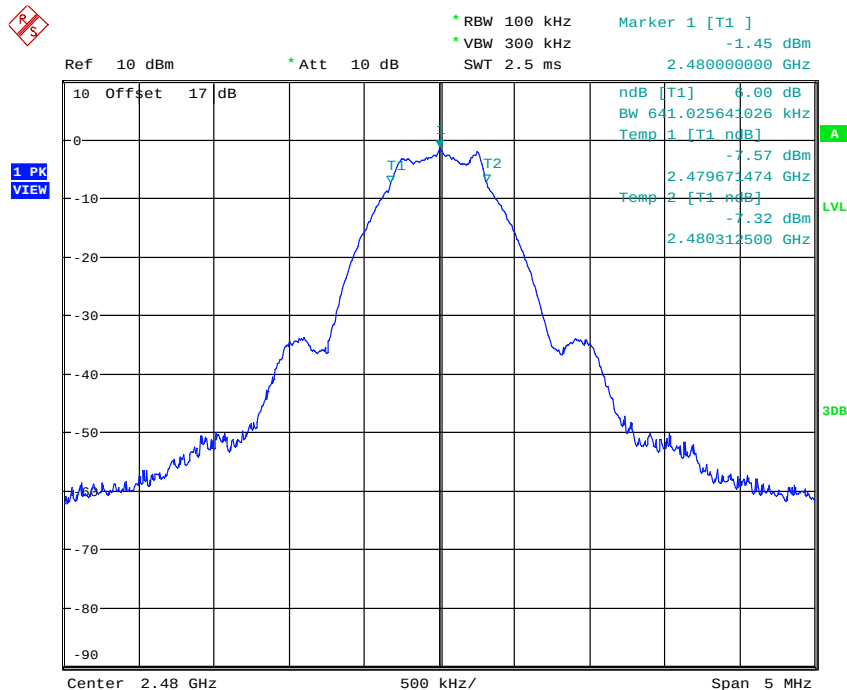
Date: 7.APR.2021 11:51:10



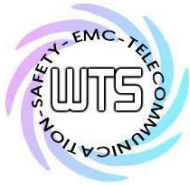
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



6DB BANDWIDTH BT4.0 CH19  
Date: 7.APR.2021 11:51:58



6DB BANDWIDTH BT4.0 CH39  
Date: 7.APR.2021 11:52:32



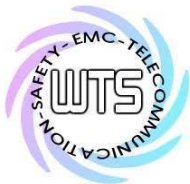
Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

**Limits:**

| Frequency Range<br>MHz | Limits      |
|------------------------|-------------|
| 902-928                | min 500 kHz |
| 2400-2483.5            | min 500 kHz |
| 5725-5850              | min 500 kHz |

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



Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

## 3.11 Radiated Emission on the band edge

According to FCC rules part 15 subpart C §15.247(c) in any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in § 15.209(a) is not required.

In addition radiated emission which fall in the restricted bands, as defined in section 15.205(a), must also with the radiated emission limits.

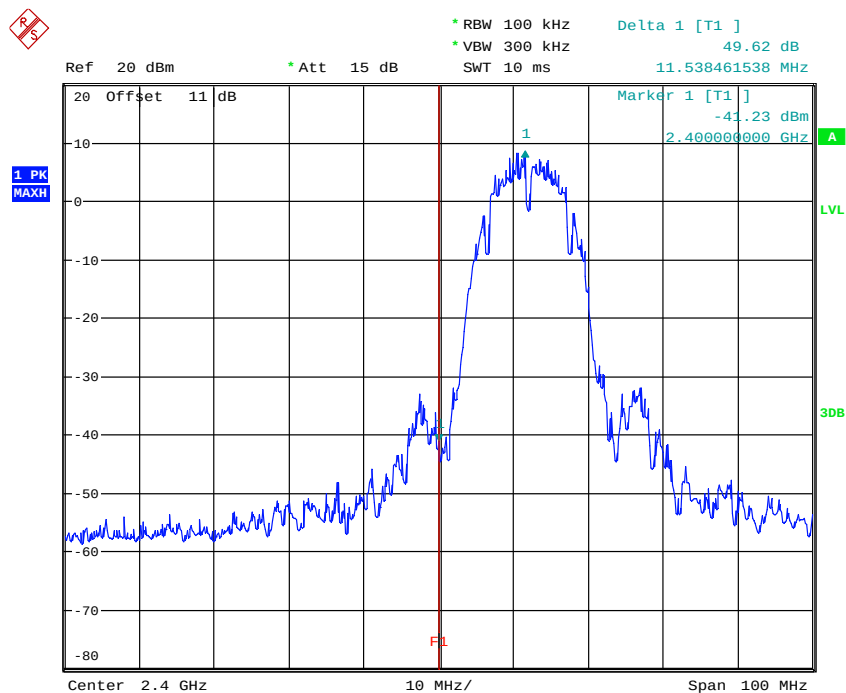
Test date: April 07, 2021

Temperature: 22.3 °C

Humidity: 53.1 %

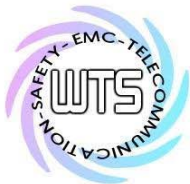
Tester: Sora

Mode A



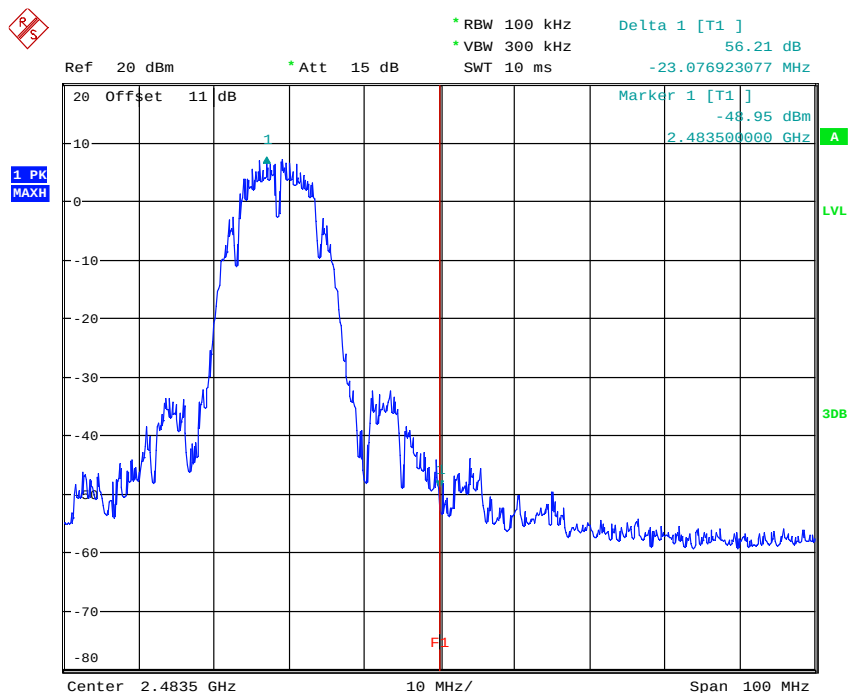
BANDEDGE 802.11B CH01

Date: 7.APR.2021 11:28:10



Registration number: W6M22103-20740-C-1

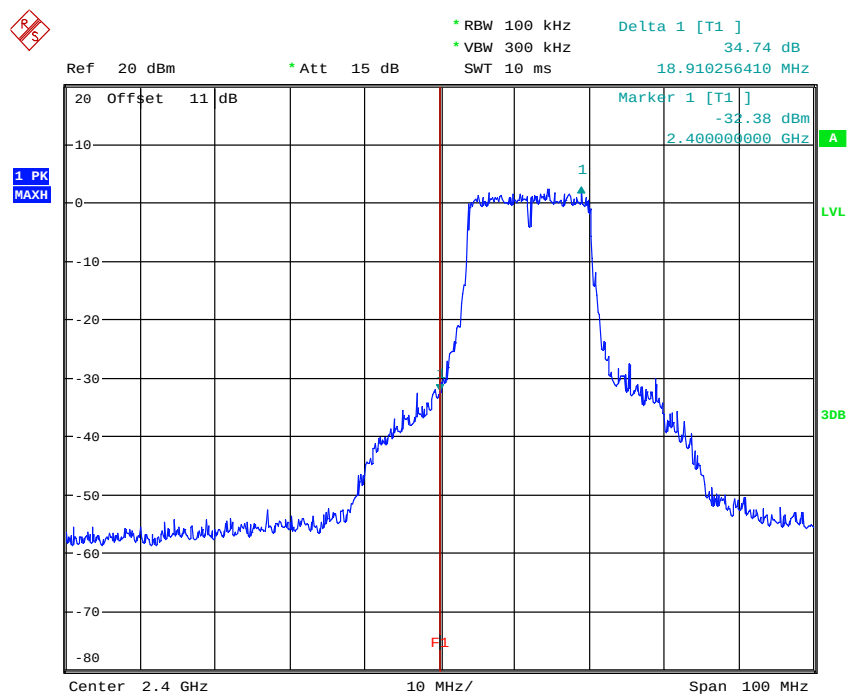
FCC ID: GX9CHMG



BANDEDGE 802.11B CH11

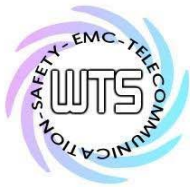
Date: 7.APR.2021 11:29:33

Mode B

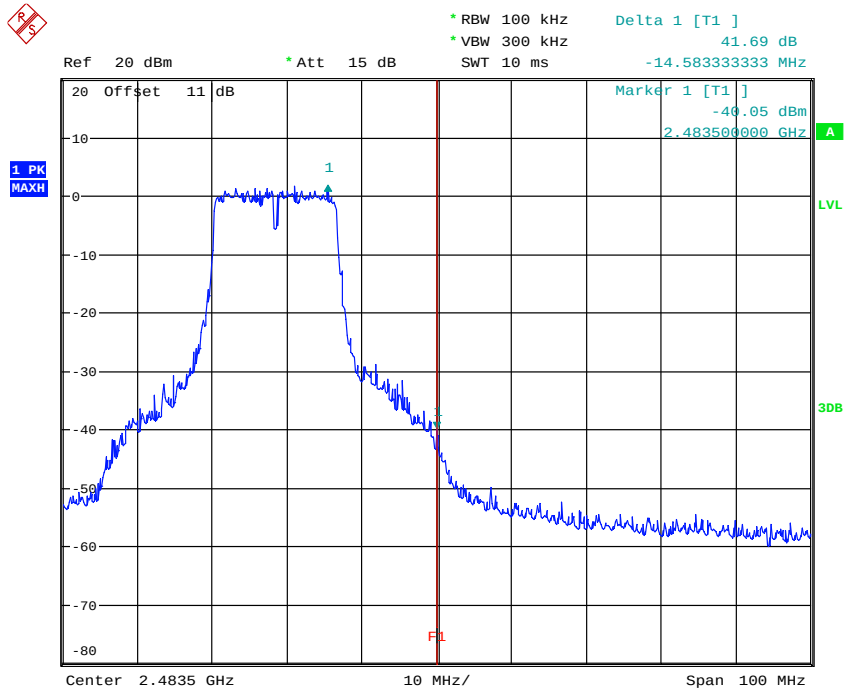


BANDEDGE 802.11G CH01

Date: 7.APR.2021 11:30:14

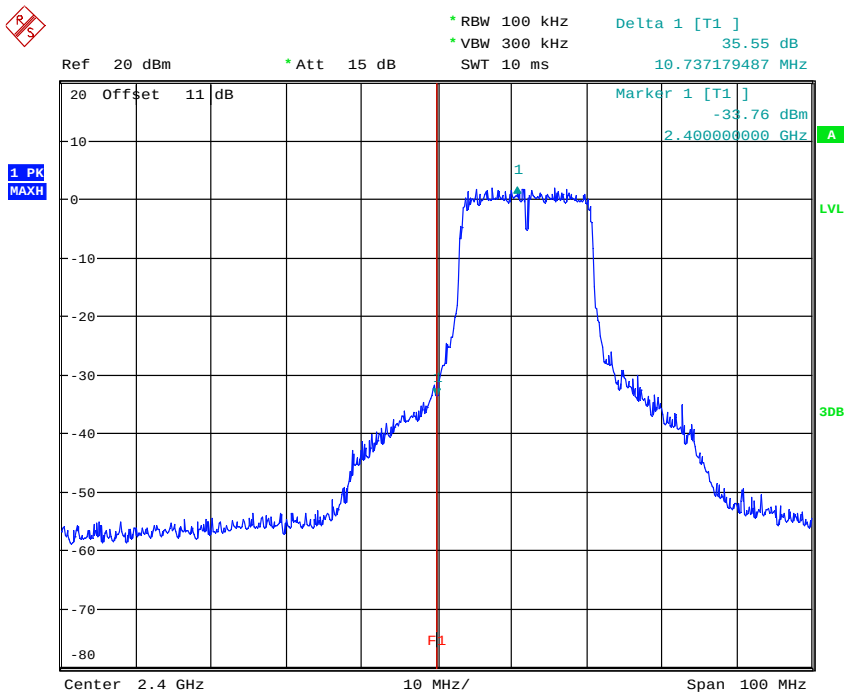


Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG

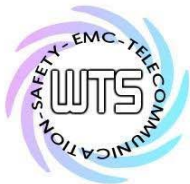


BANDEDGE 802.11G CH11  
Date: 7.APR.2021 11:31:24

Mode C

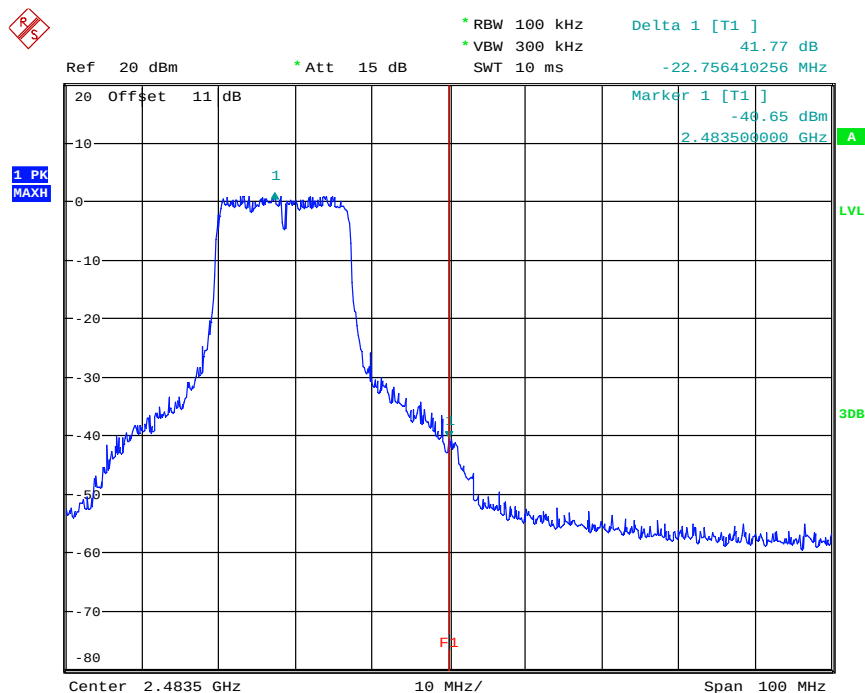


BANDEDGE 802.11N 20MHZ CH01  
Date: 7.APR.2021 11:32:07



Registration number: W6M22103-20740-C-1

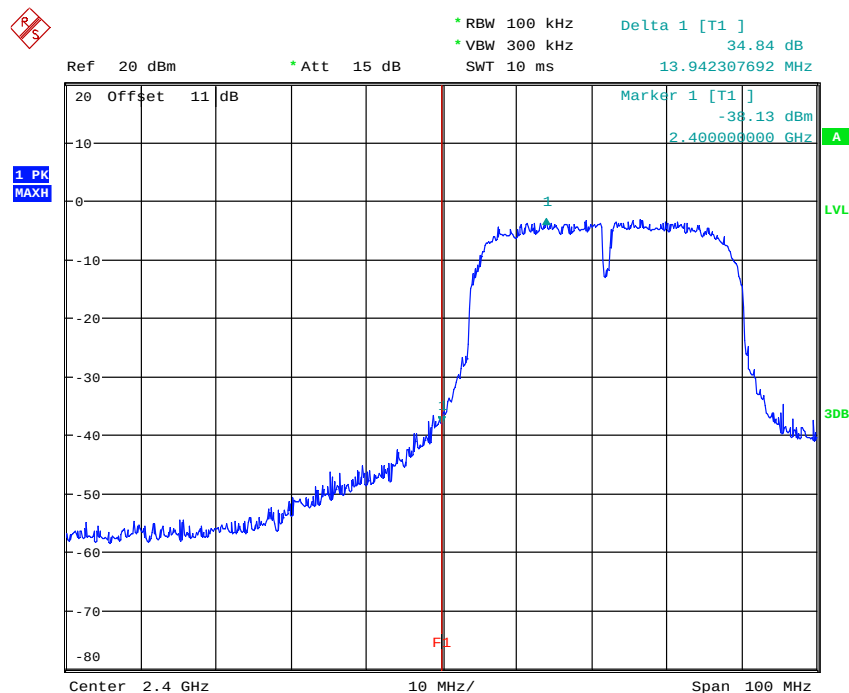
FCC ID: GX9CHMG



BANDEDGE 802.11N 20MHZ CH11

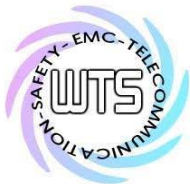
Date: 7.APR.2021 11:33:19

Mode D



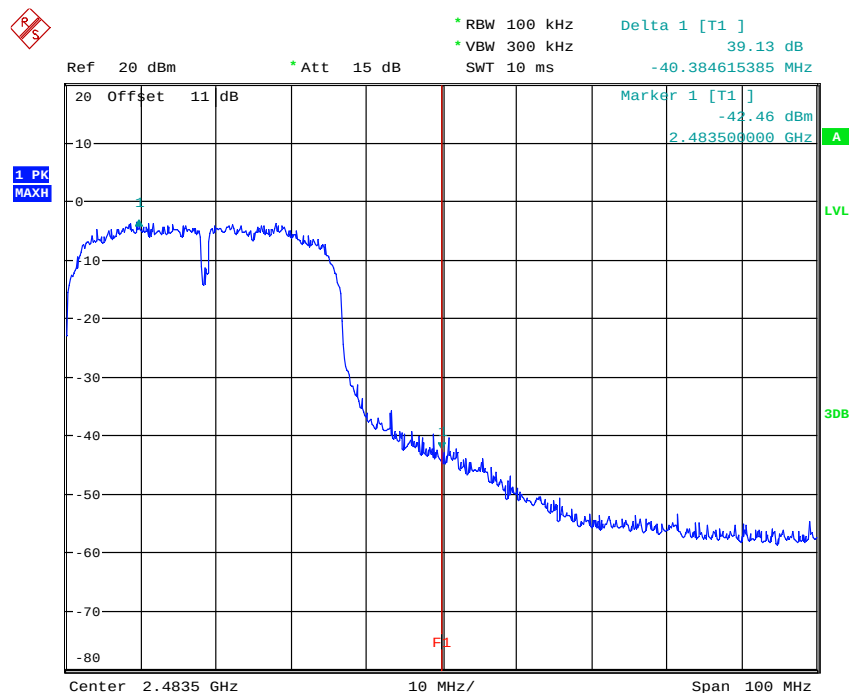
BANDEDGE 802.11N 40MHZ CH01

Date: 7.APR.2021 11:34:55



Registration number: W6M22103-20740-C-1

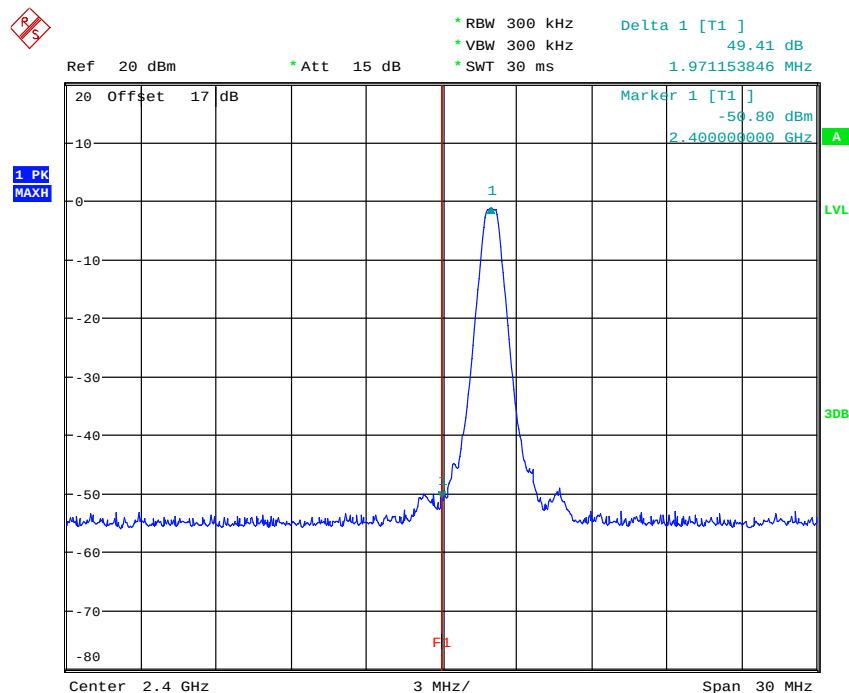
FCC ID: GX9CHMG



BANDEDGE 802.11N 40MHZ CH07

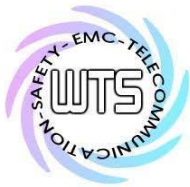
Date: 7.APR.2021 11:36:26

Mode E

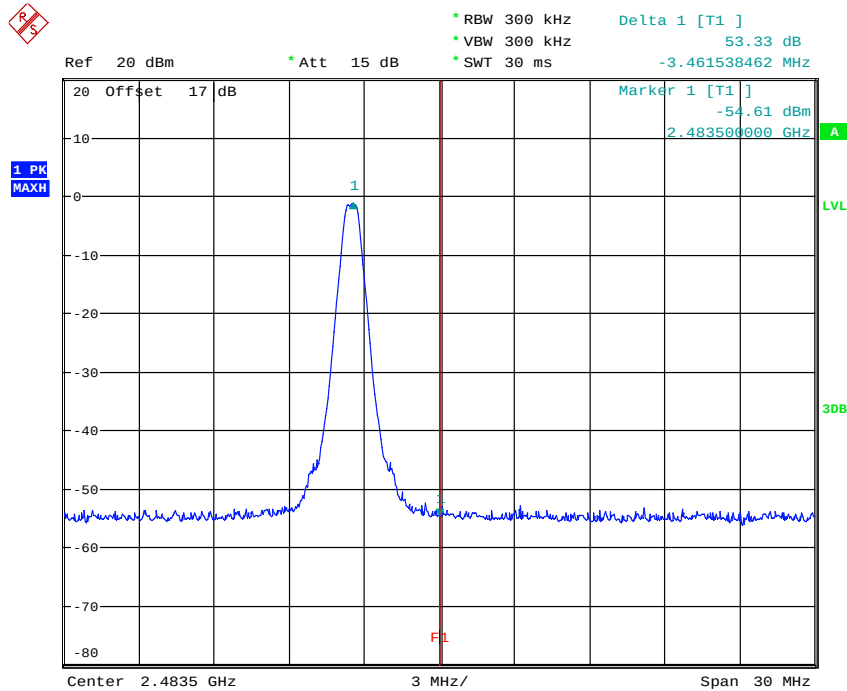


BANDEDGE CH0

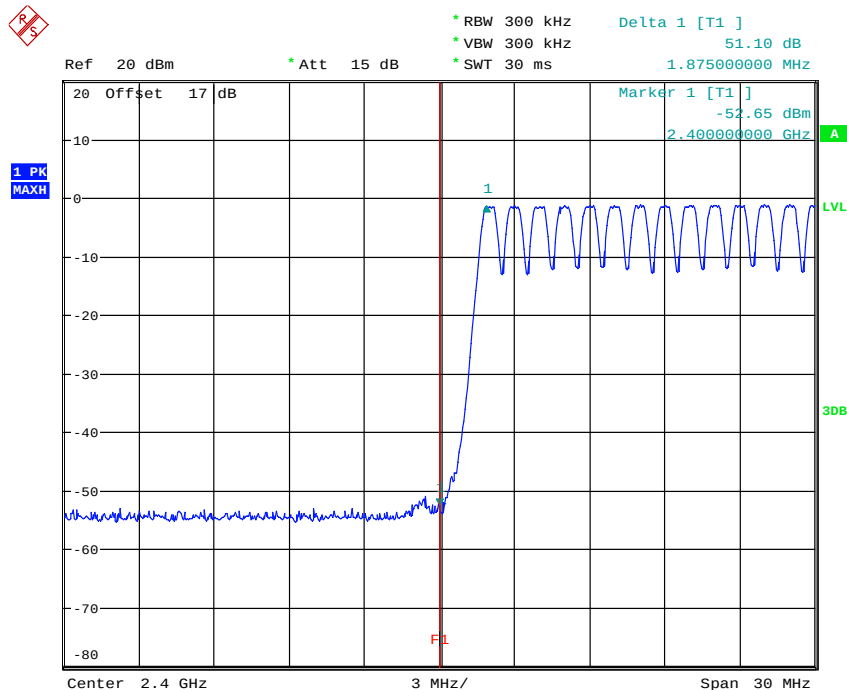
Date: 7.APR.2021 11:55:36



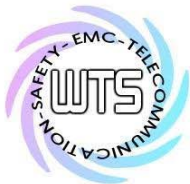
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



BANDEDGE CH78  
Date: 7.APR.2021 11:56:44

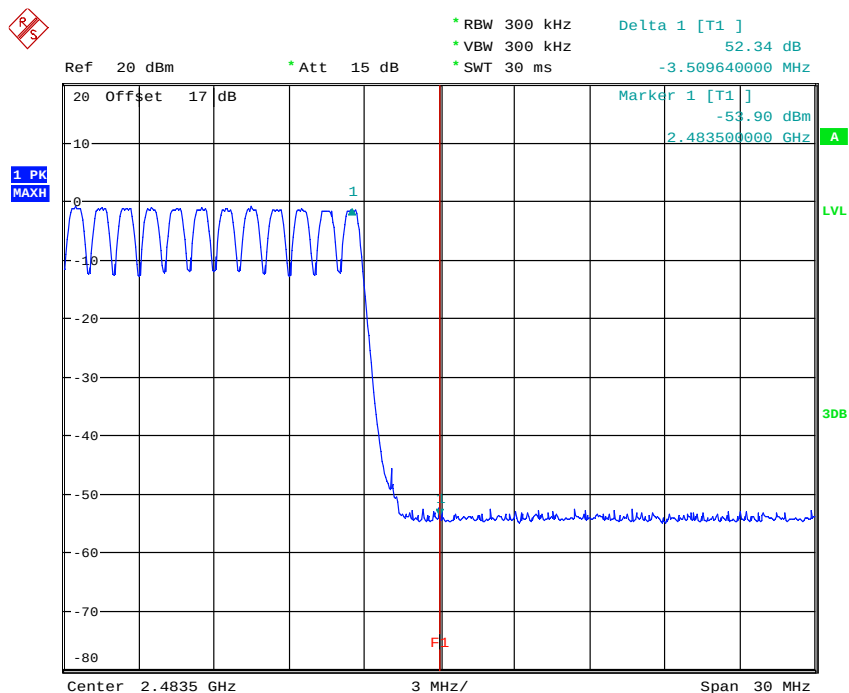


BANDEDGE CH0 HOPPING MODE  
Date: 7.APR.2021 12:04:25



Registration number: W6M22103-20740-C-1

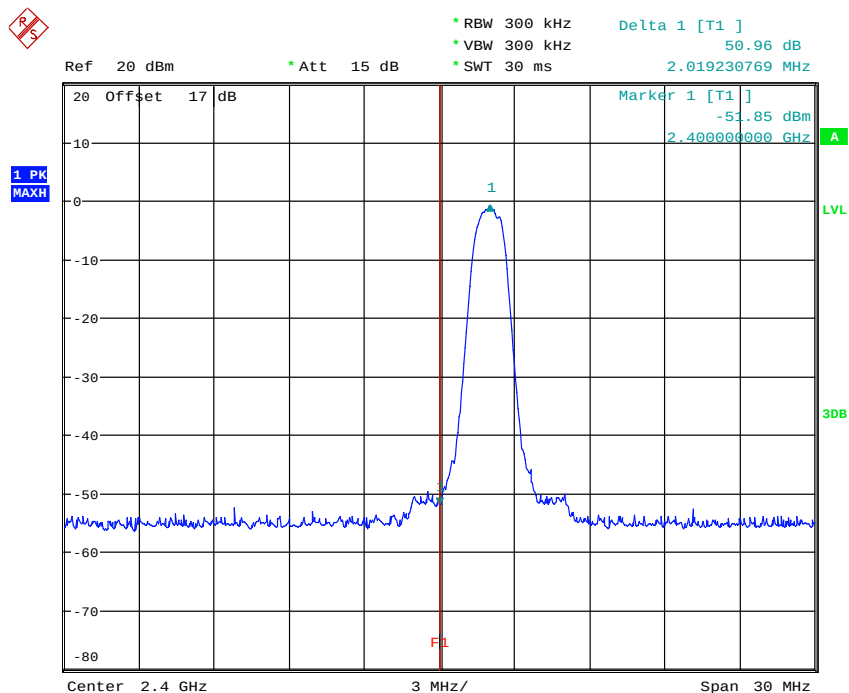
FCC ID: GX9CHMG



BANDEDGE CH78 HOPPING MODE

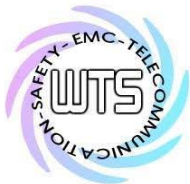
Date: 7.APR.2021 12:05:05

Mode F



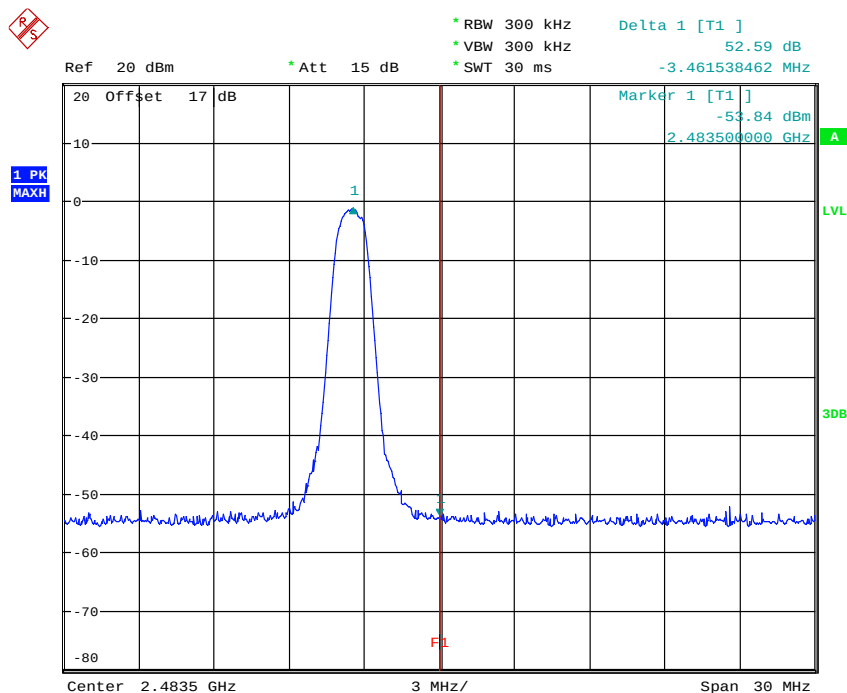
BANDEDGE CH0 EDR MODE

Date: 7.APR.2021 11:57:25

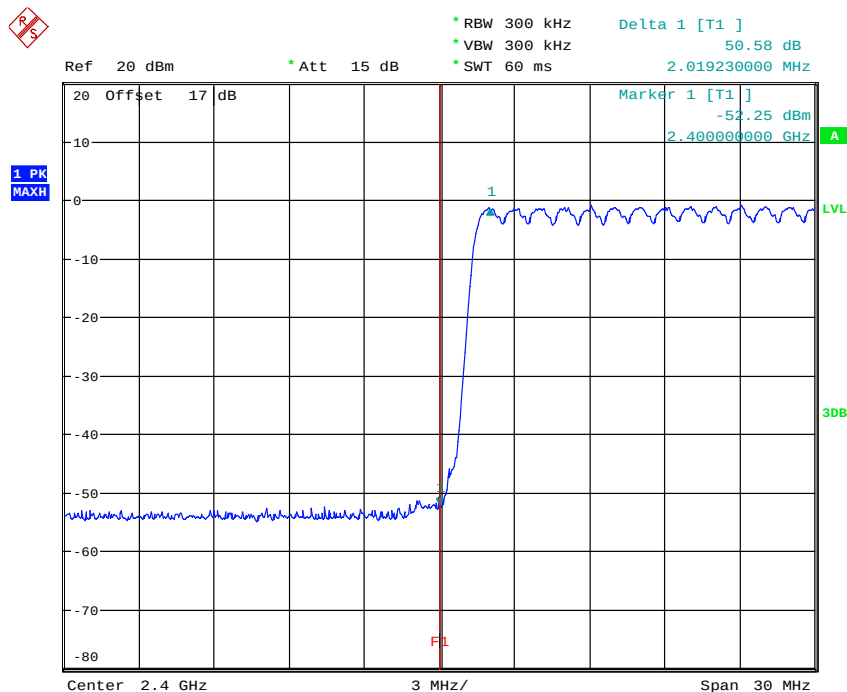


Registration number: W6M22103-20740-C-1

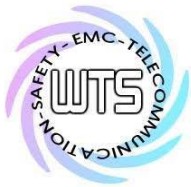
FCC ID: GX9CHMG



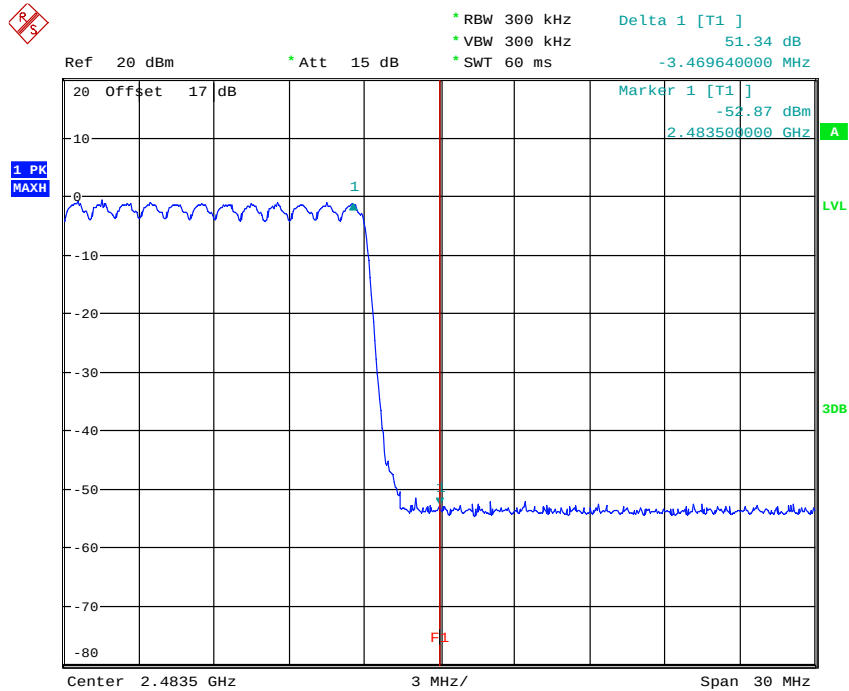
BANDEDGE CH78 EDR MODE  
Date: 7.APR.2021 11:58:45



BANDEDGE CH0 EDR HOPPING MODE  
Date: 7.APR.2021 12:00:49

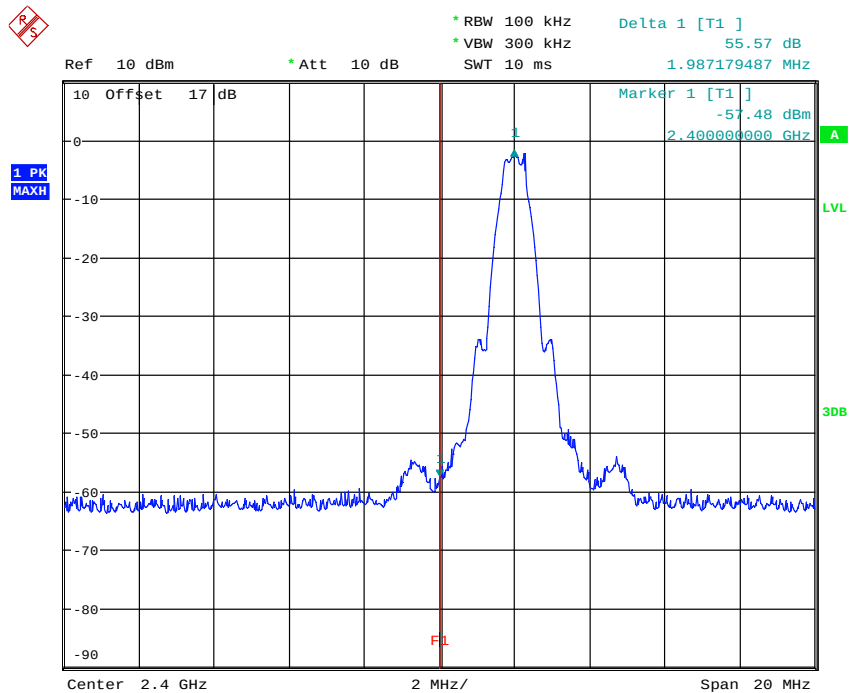


Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG

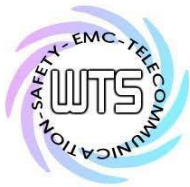


BANDEDGE CH78 EDR HOPPING MODE  
Date: 7.APR.2021 12:02:32

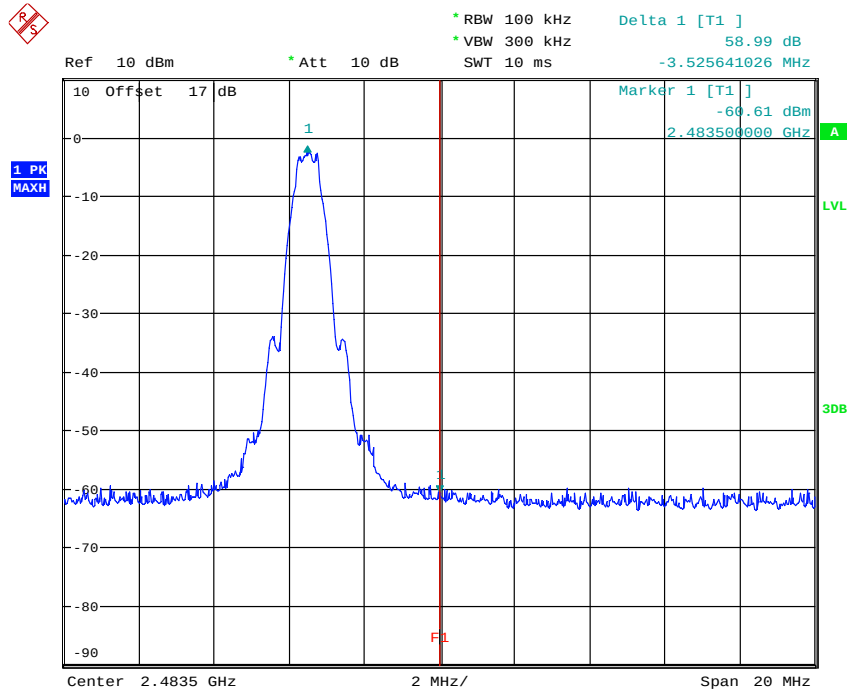
Mode G



BANDEDGE BT4.0 CH00  
Date: 7.APR.2021 11:51:28



Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG

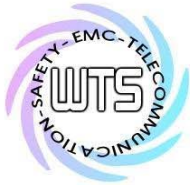


BANDEDGE BT4.0 CH39  
Date: 7.APR.2021 11:52:50

Limit:

| Frequency Range / MHz | Limit   |
|-----------------------|---------|
| 902 – 928             | - 20 dB |
| 2400 – 2483.5         |         |
| 5725 - 5850           |         |

Test equipment used: ETSTW-RE 055, ETSTW-RE 050, ETSTW-RE 064



Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

## 3.12 Peak Power Spectral Density

Peak Power Spectral density is a measured at low, middle and high channel.

The peak output power is measured with a measurement bandwidth of 10 MHz and displayed on diagram together with Peak Power Spectral Density result which was measured with a bandwidth of 3 kHz, appreciate frequency span and sweep time.

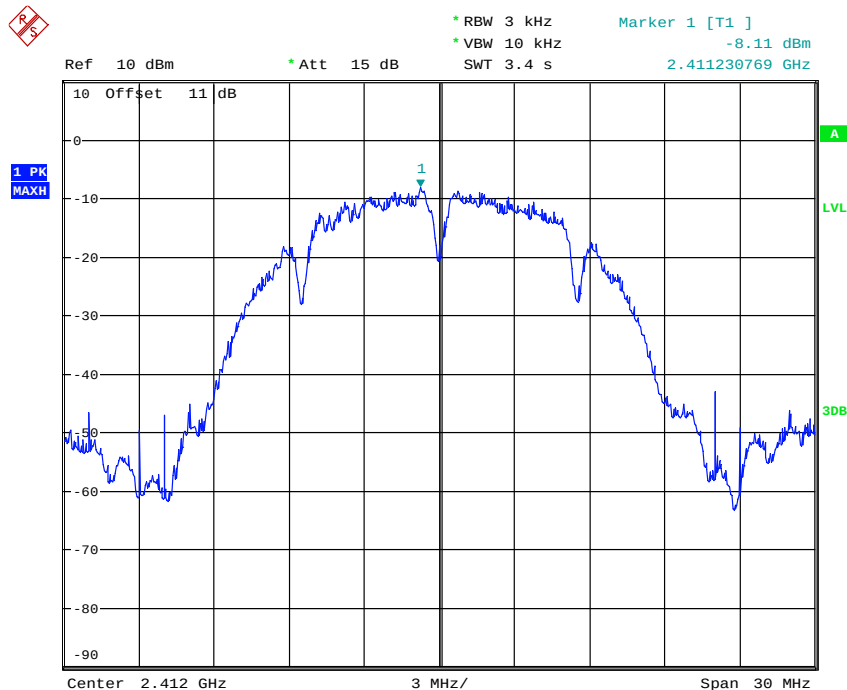
Test date: April 07, 2021

Temperature: 22.3 °C

Humidity: 53.1 %

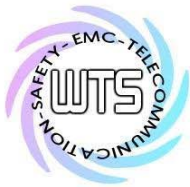
Tester: Sora

Mode A

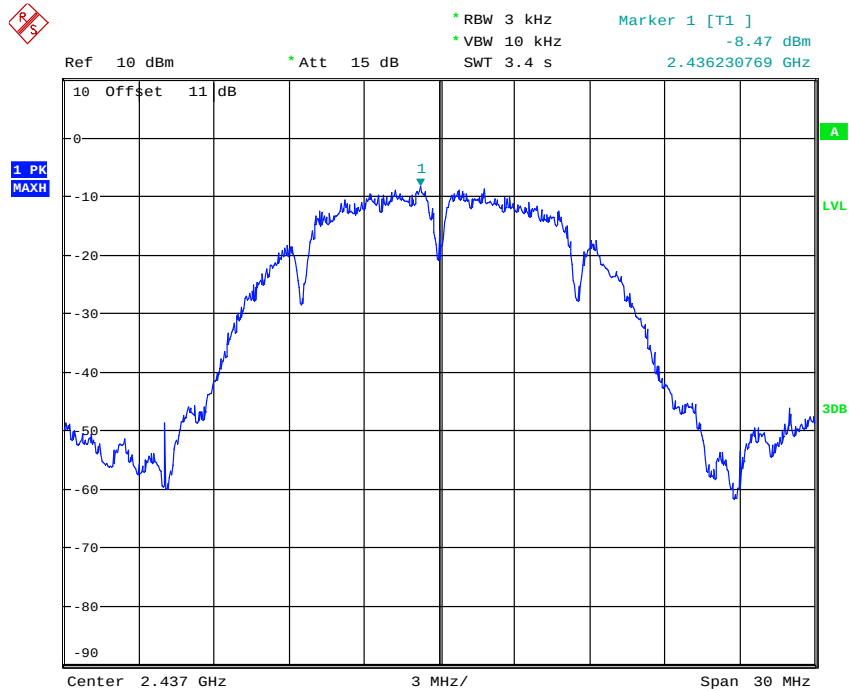


POWER DENSITY 802.11B CH01

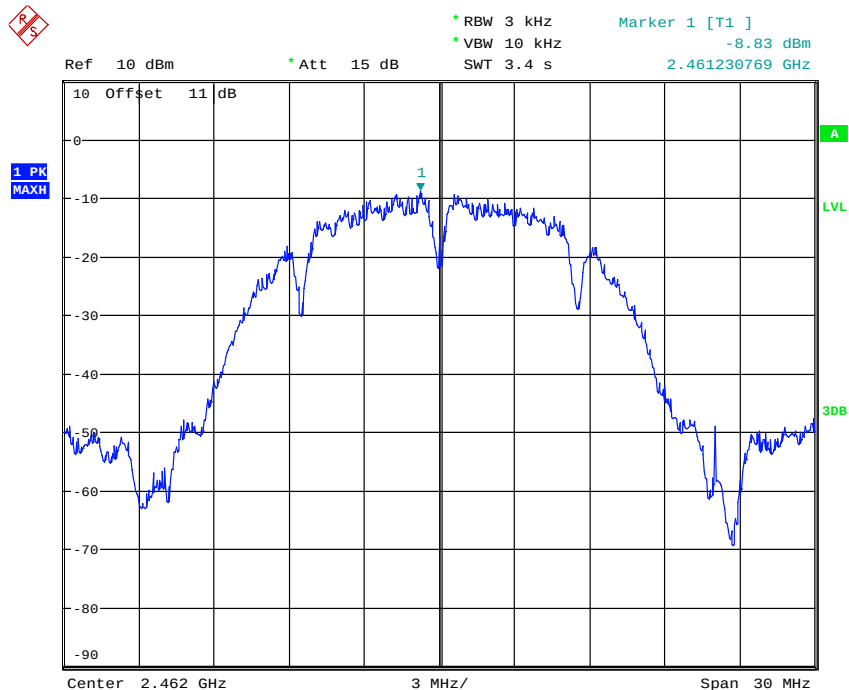
Date: 7.APR.2021 11:28:06



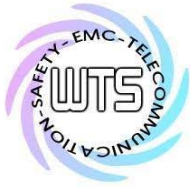
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



POWER DENSITY 802.11B CH06  
Date: 7.APR.2021 11:28:51



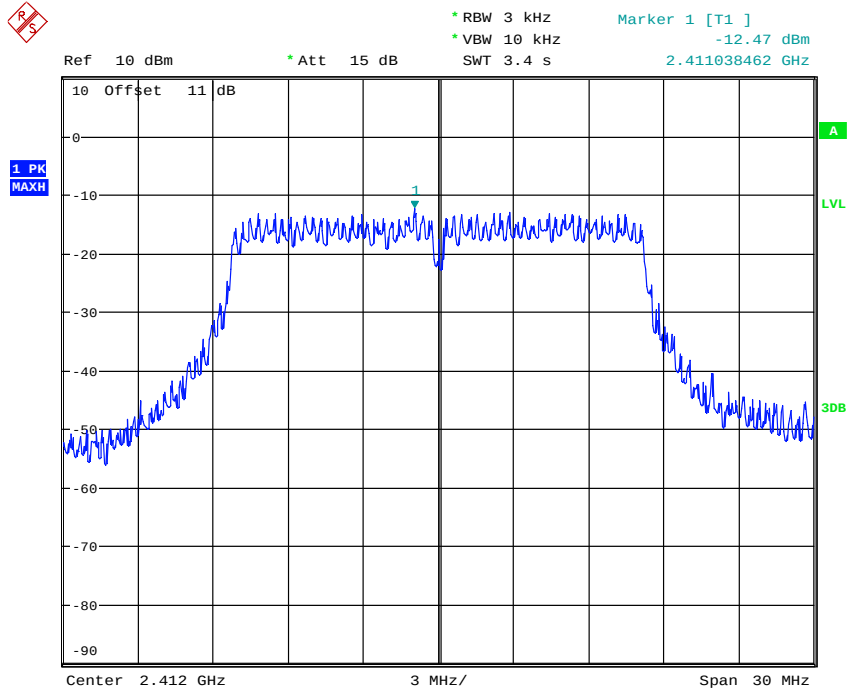
POWER DENSITY 802.11B CH11  
Date: 7.APR.2021 11:29:29



Registration number: W6M22103-20740-C-1

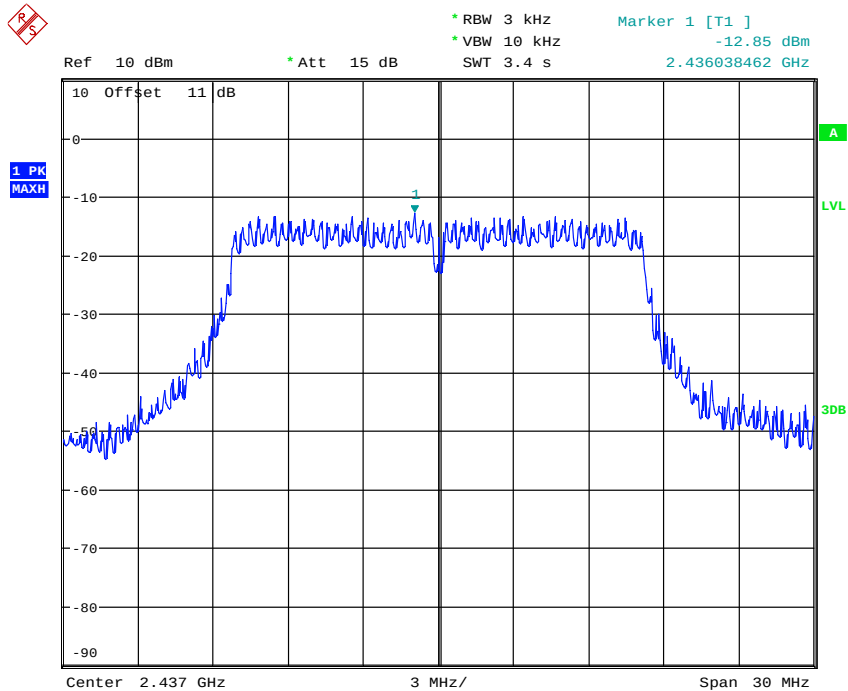
FCC ID: GX9CHMG

Mode B



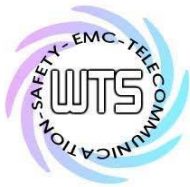
POWER DENSITY 802.11G CH01

Date: 7.APR.2021 11:30:10

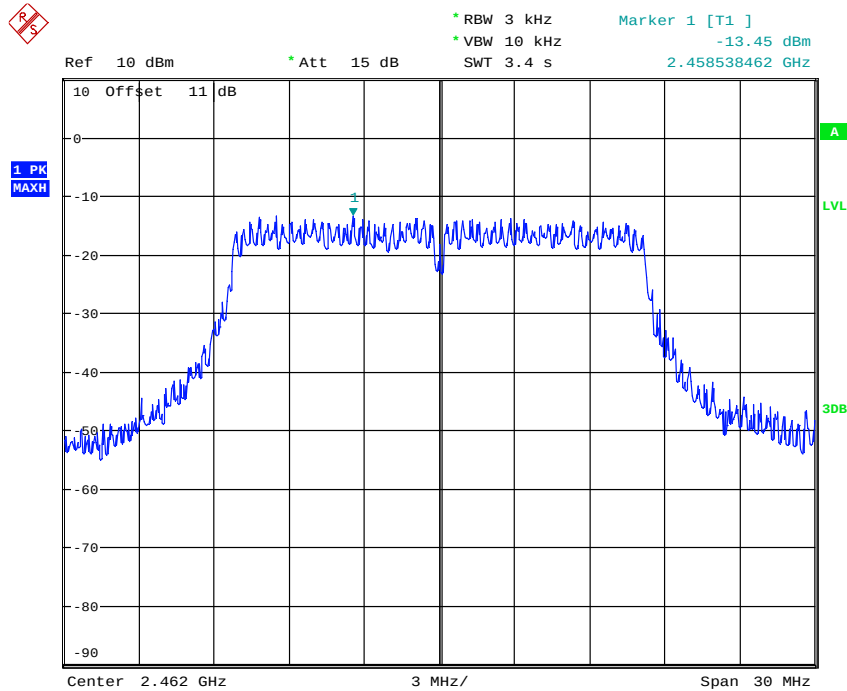


POWER DENSITY 802.11G CH06

Date: 7.APR.2021 11:30:47

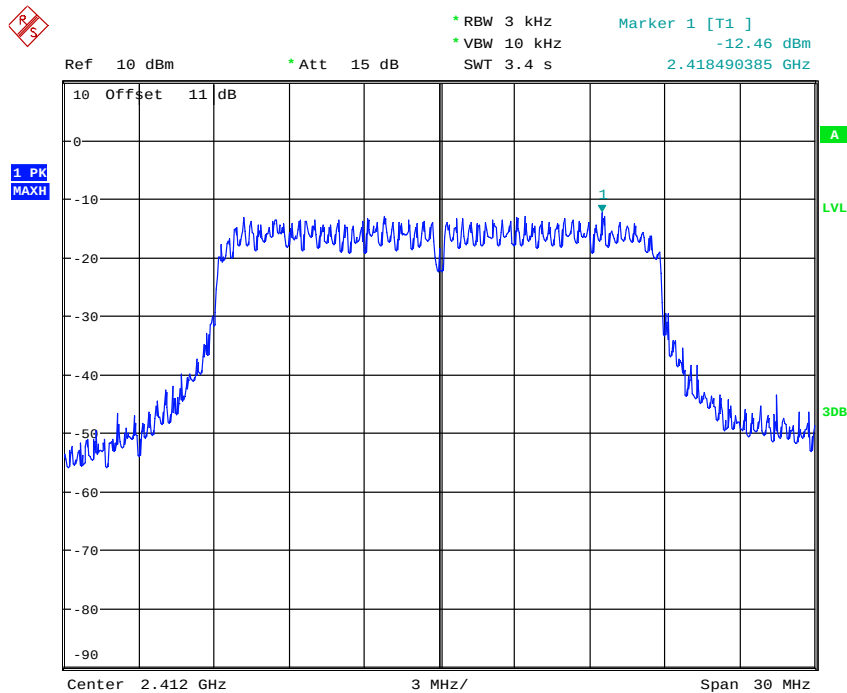


Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG

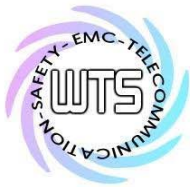


POWER DENSITY 802.11G CH11  
Date: 7.APR.2021 11:31:20

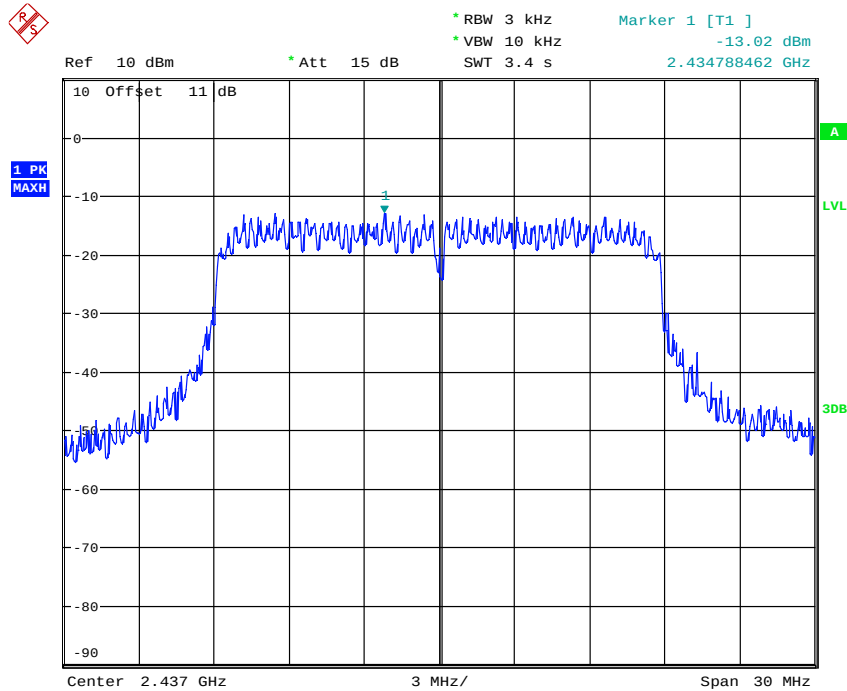
Mode C



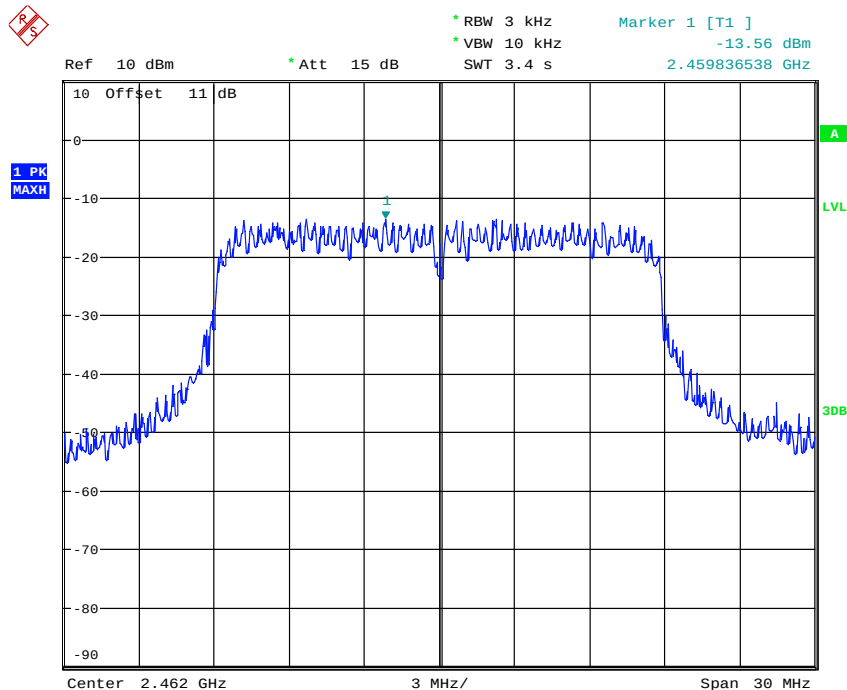
POWER DENSITY 802.11N 20MHZ CH1  
Date: 7.APR.2021 11:32:03



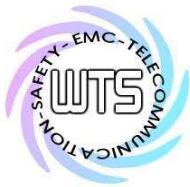
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



POWER DENSITY 802.11N 20MHZ CH6  
Date: 7.APR.2021 11:32:41



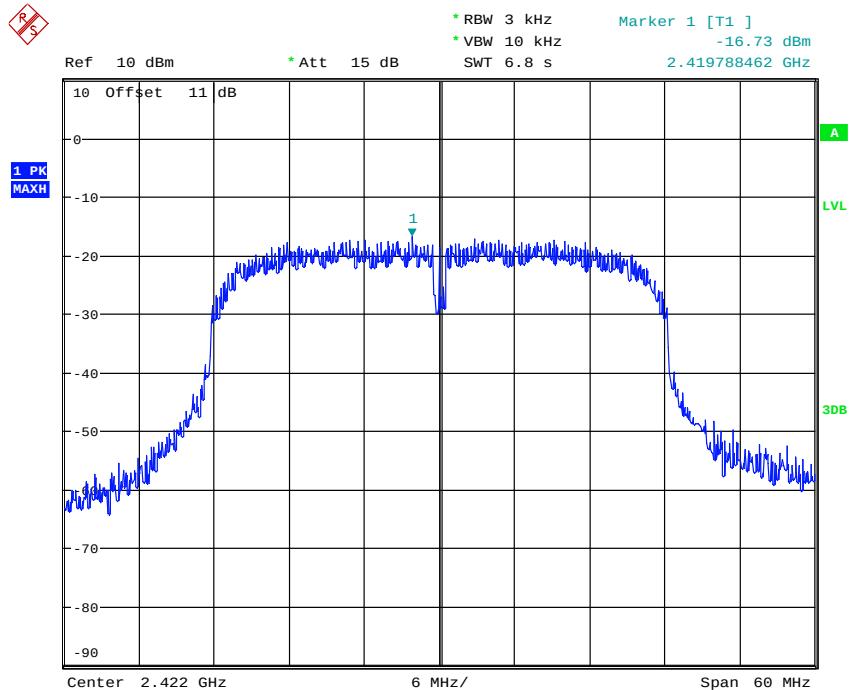
POWER DENSITY 802.11N 20MHZ CH11  
Date: 7.APR.2021 11:33:15



Registration number: W6M22103-20740-C-1

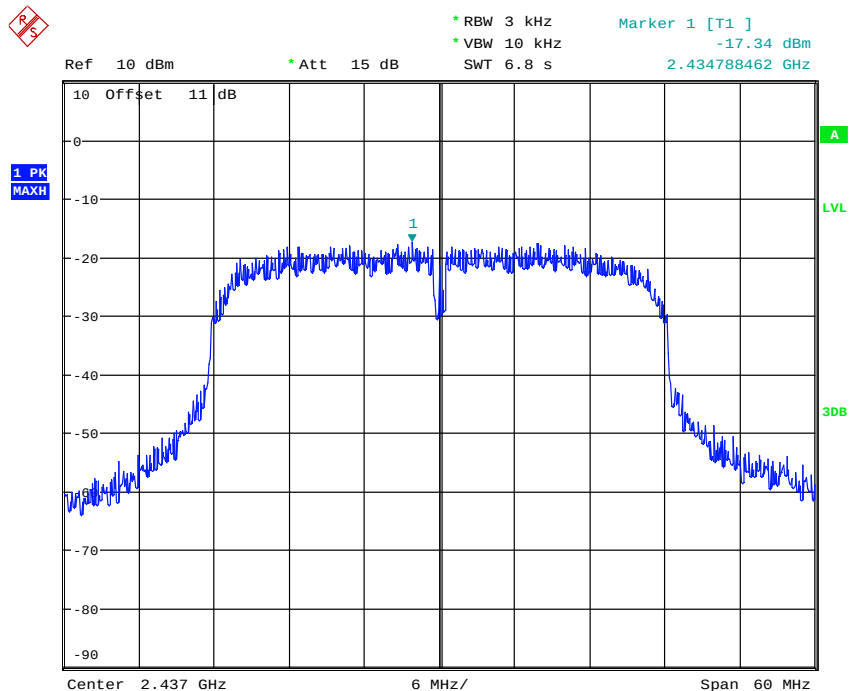
FCC ID: GX9CHMG

Mode D



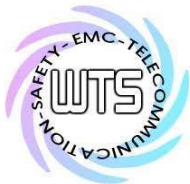
POWER DENSITY 802.11N 40MHZ CH1

Date: 7.APR.2021 11:34:51



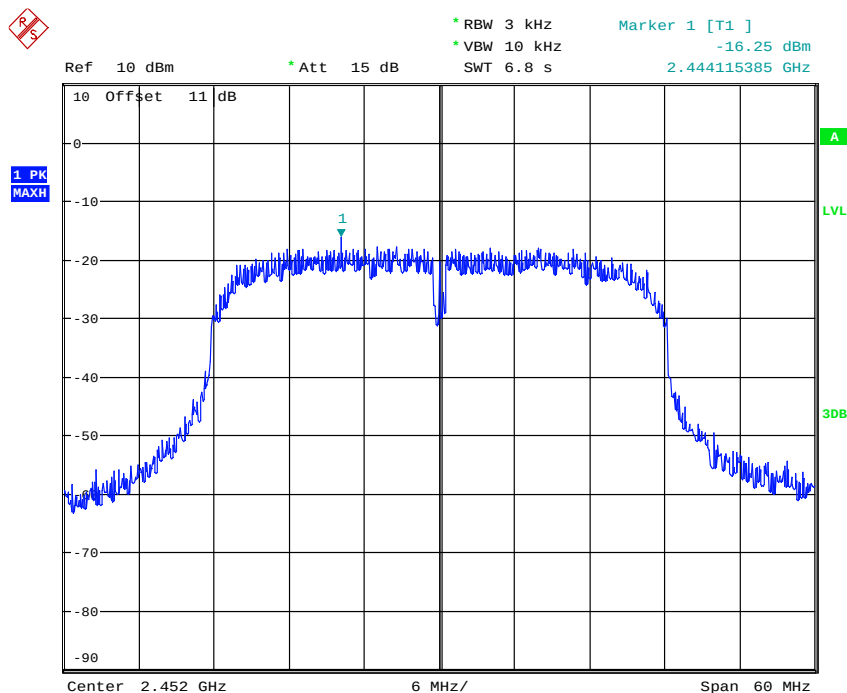
POWER DENSITY 802.11N 40MHZ CH4

Date: 7.APR.2021 11:35:37



Registration number: W6M22103-20740-C-1

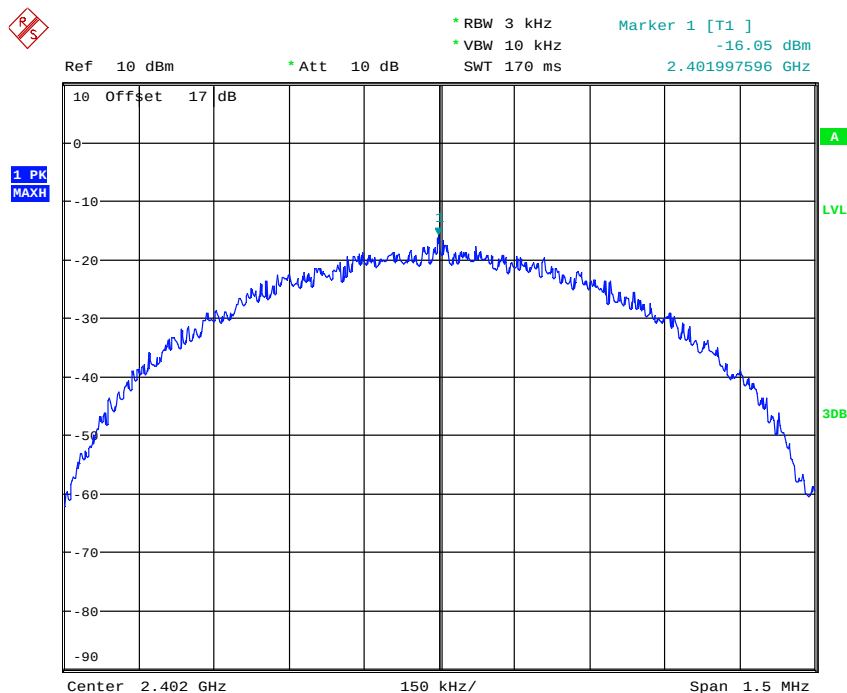
FCC ID: GX9CHMG



POWER DENSITY 802.11N 40MHZ CH7

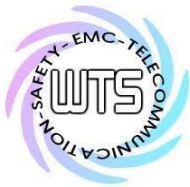
Date: 7.APR.2021 11:36:20

Mode G

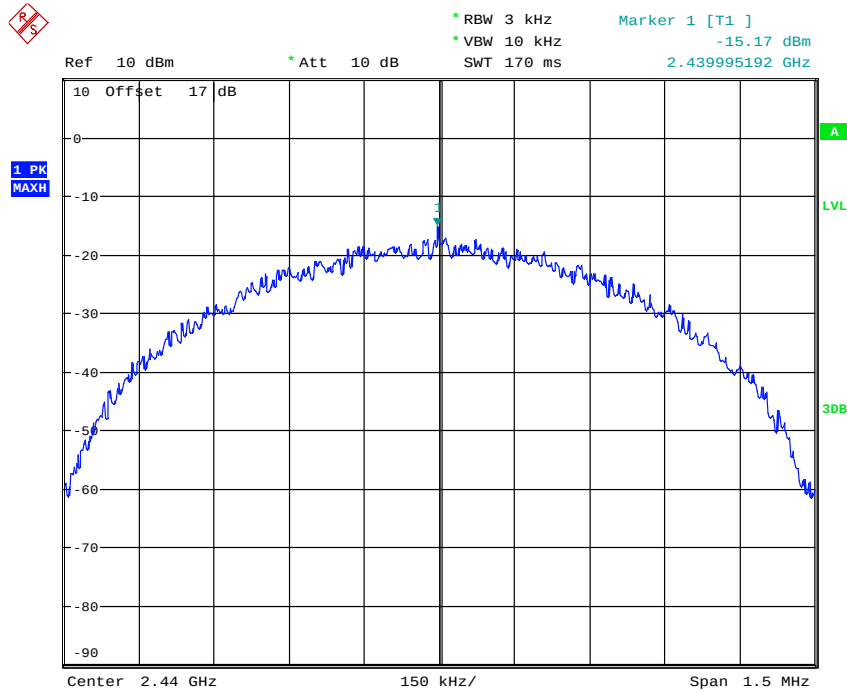


POWER DENSITY BT4.0 CH00

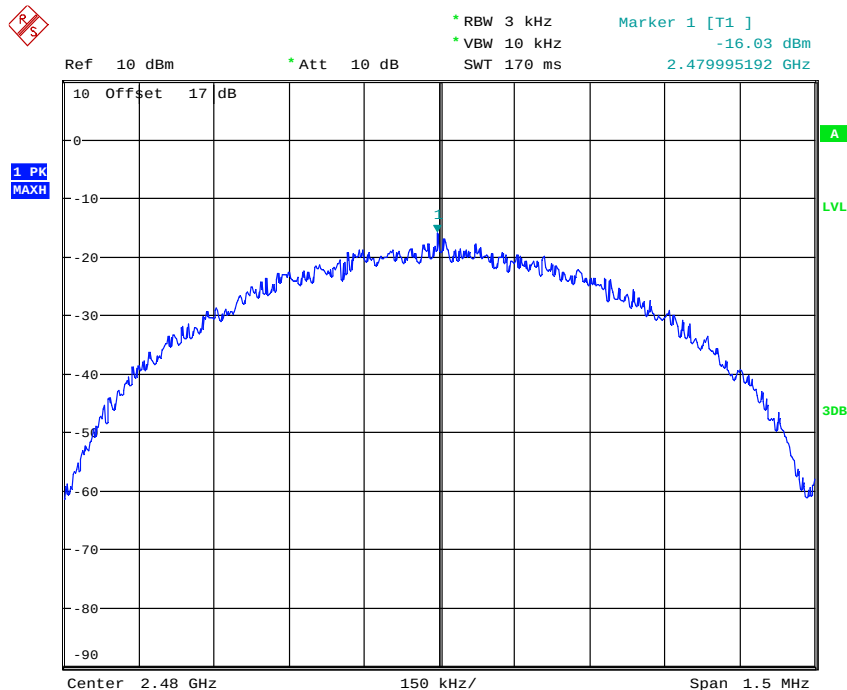
Date: 7.APR.2021 11:51:20



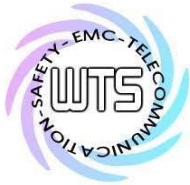
Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG



POWER DENSITY BT4.0 CH19  
Date: 7.APR.2021 11:52:08



POWER DENSITY BT4.0 CH39  
Date: 7.APR.2021 11:52:42



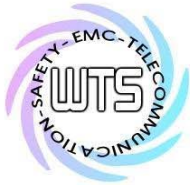
Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

**Limits:**

| Frequency Range<br>MHz | dBm |
|------------------------|-----|
| 902-928                | 8   |
| 2400-2483.5            | 8   |
| 5725-5850              | 8   |

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



Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

## **3.13 Radiated Emission from Receiver Part**

### **Summary table with radiated data of the test plots**

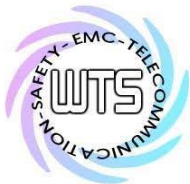
| Model:             | CHMG-1            | Date:        | --             |                    |                   |                |                           |                      |
|--------------------|-------------------|--------------|----------------|--------------------|-------------------|----------------|---------------------------|----------------------|
| Mode:              | --                | Temperature: | --             | °C                 | Engineer:         | --             |                           |                      |
| Polarization:      | --                | Humidity:    | --             | %                  |                   |                |                           |                      |
| Frequency<br>(MHz) | Reading<br>(dBuV) | Detector     | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Table<br>Degree<br>(Deg.) | Ant.<br>High<br>(cm) |
| --                 | --                | --           | --             | --                 | --                | --             | --                        | --                   |
| --                 | --                | --           | --             | --                 | --                | --             | --                        | --                   |

| Frequency<br>(MHz) | Reading<br>(dBuV) |      | Factor<br>(dB) | Result @3m<br>(dBuV/m) |      | Limit @3m<br>(dBuV/m) |      | Margin<br>(dB) | Table<br>Degree<br>(Deg.) | Ant.<br>High<br>(cm) |
|--------------------|-------------------|------|----------------|------------------------|------|-----------------------|------|----------------|---------------------------|----------------------|
|                    | Peak              | Ave. | Corr.          | Peak                   | Ave. | Peak                  | Ave. |                |                           |                      |
| --                 | --                | --   | --             | --                     | --   | --                    | --   | --             | --                        | --                   |
| --                 | --                | --   | --             | --                     | --   | --                    | --   | --             | --                        | --                   |

#### **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. Please refer to separated test report no.: W6M22103-20740-P-15B.**

Test equipment used: ETSTW-RE 030, ETSTW-RE 055, ETSTW-RE 064, ETSTW-RE 111



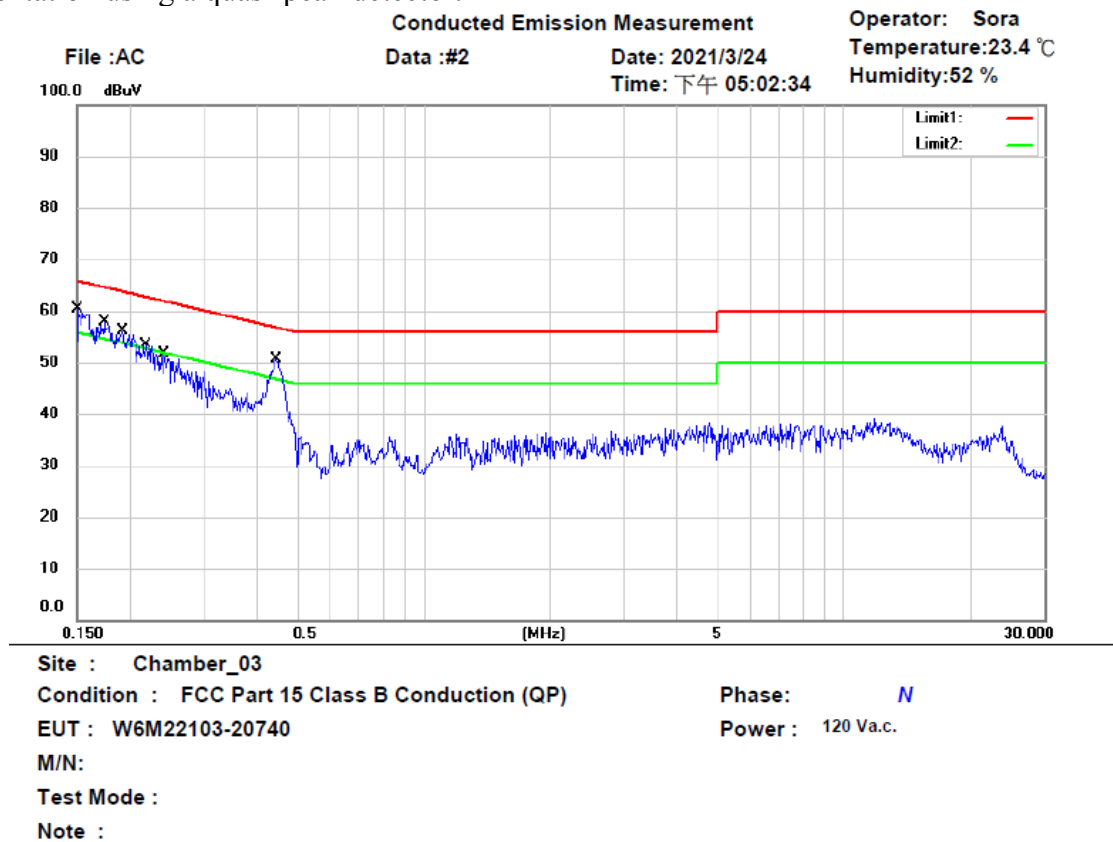
Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

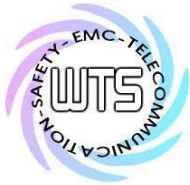
## 3.14 Power Line Conducted Emission

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 |
|-----|-----------------|----------------|----------|----------------------|---------------|--------------|-------------|---------|
|     | 0.1500          | 38.07          | QP       | 9.66                 | 47.73         | 66.00        | -18.27      |         |
|     | 0.1500          | 21.29          | AVG      | 9.66                 | 30.95         | 56.00        | -25.05      |         |
|     | 0.1735          | 36.64          | QP       | 9.65                 | 46.29         | 64.79        | -18.50      |         |
|     | 0.1735          | 20.26          | AVG      | 9.65                 | 29.91         | 54.79        | -24.88      |         |
|     | 0.1922          | 35.11          | QP       | 9.64                 | 44.75         | 63.94        | -19.19      |         |
|     | 0.1922          | 17.81          | AVG      | 9.64                 | 27.45         | 53.94        | -26.49      |         |
|     | 0.2181          | 32.53          | QP       | 9.64                 | 42.17         | 62.89        | -20.72      |         |
|     | 0.2181          | 16.08          | AVG      | 9.64                 | 25.72         | 52.89        | -27.17      |         |
|     | 0.2417          | 30.65          | QP       | 9.64                 | 40.29         | 62.04        | -21.75      |         |
|     | 0.2417          | 15.54          | AVG      | 9.64                 | 25.18         | 52.04        | -26.86      |         |
|     | 0.4463          | 32.39          | QP       | 9.61                 | 42.00         | 56.94        | -14.94      |         |
| *   | 0.4463          | 26.71          | AVG      | 9.61                 | 36.32         | 46.94        | -10.62      |         |



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

Registration number: W6M22103-20740-C-1

FCC ID: GX9CHMG

## Conducted Emission Measurement

Operator: Sora

Temperature: 23.4 °C

Humidity: 52 %

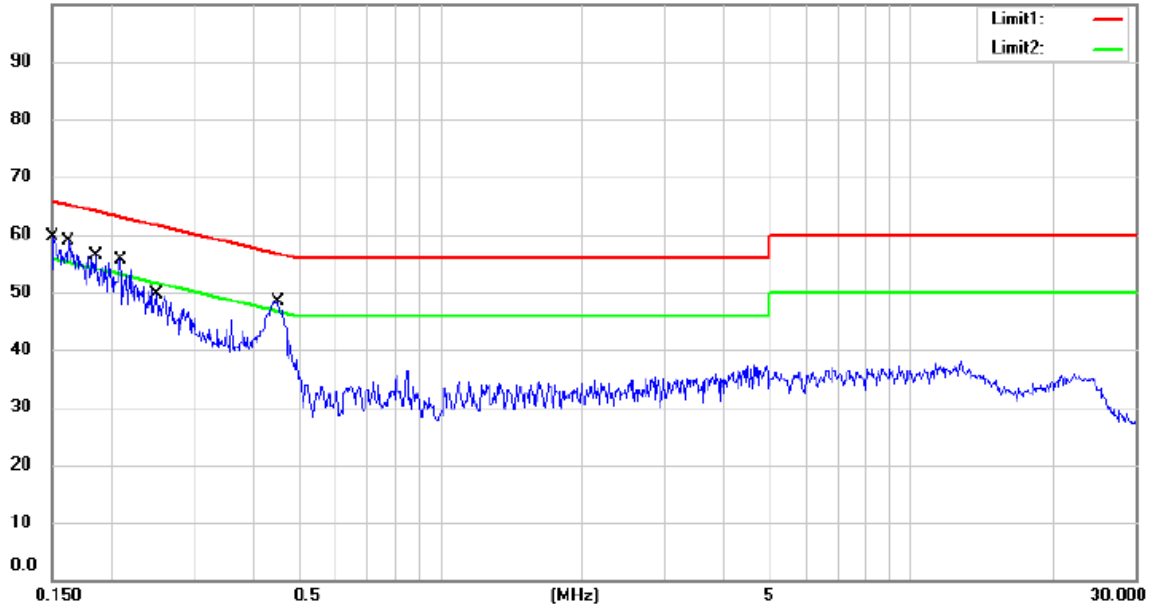
File : AC

Data : #1

Date: 2021/3/24

Time: 下午 04:58:01

100.0 dBuV



Site : Chamber\_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M22103-20740

Power : 120 V.a.c.

M/N:

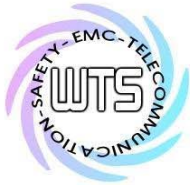
Test Mode :

Note :

| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected factor(dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|----------------------|---------------|--------------|-------------|---------|
|     | 0.1502          | 38.89          | QP       | 9.67                 | 48.56         | 65.99        | -17.43      |         |
|     | 0.1502          | 22.11          | AVG      | 9.67                 | 31.78         | 55.99        | -24.21      |         |
|     | 0.1620          | 35.27          | QP       | 9.67                 | 44.94         | 65.36        | -20.42      |         |
|     | 0.1620          | 17.17          | AVG      | 9.67                 | 26.84         | 55.36        | -28.52      |         |
|     | 0.1852          | 32.97          | QP       | 9.66                 | 42.63         | 64.25        | -21.62      |         |
|     | 0.1852          | 16.47          | AVG      | 9.66                 | 26.13         | 54.25        | -28.12      |         |
|     | 0.2085          | 31.58          | QP       | 9.65                 | 41.23         | 63.26        | -22.03      |         |
|     | 0.2085          | 15.03          | AVG      | 9.65                 | 24.68         | 53.26        | -28.58      |         |
|     | 0.2506          | 27.58          | QP       | 9.64                 | 37.22         | 61.74        | -24.52      |         |
|     | 0.2506          | 10.04          | AVG      | 9.64                 | 19.68         | 51.74        | -32.06      |         |
|     | 0.4520          | 33.38          | QP       | 9.62                 | 43.00         | 56.84        | -13.84      |         |
| *   | 0.4520          | 25.99          | AVG      | 9.62                 | 35.61         | 46.84        | -11.23      |         |

### 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.



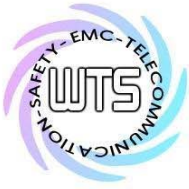
# **Worldwide Testing Services(Taiwan) Co., Ltd.**

Registration number: W6M22103-20740-C-1  
FCC ID: GX9CHMG

## **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: W6M22103-20740-C-1  
FCC ID: GX9CHMG

## **Appendix**

### **Measurement diagrams**

Spurious Emissions radiated



## Radiated Emission Measurement

Operator: Sky

File : 1\_WiFi 2

Data : #1

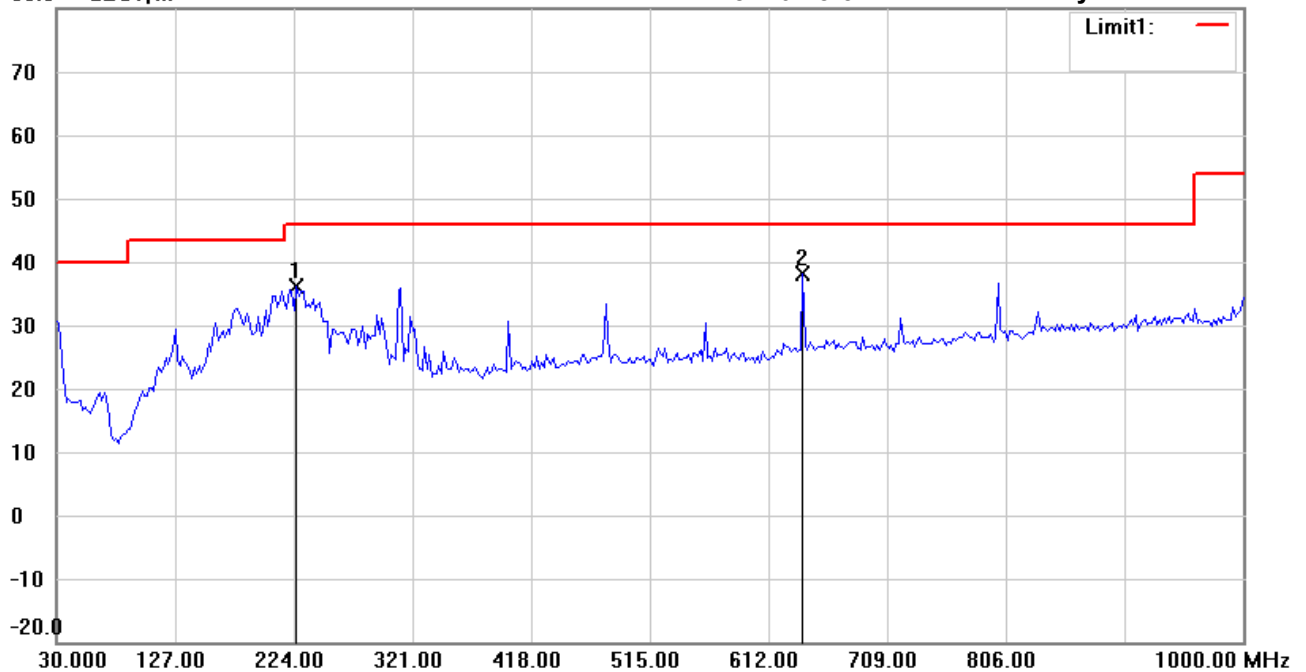
Date: 3/26/2021

Temperature: 22.1 °C

80.0 dBuV/m

Time: 10:28:54 PM

Humidity: 64.9 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22103-20740

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 226.3327        | 45.44          | peak     | -9.38               | 36.06           | 46.00          | 160          | 136            | -9.94       |         |
| *   | 640.3808        | 38.78          | peak     | -0.61               | 38.17           | 46.00          | 120          | 25             | -7.83       |         |



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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File : 1\_WiFi 2

Data : #2

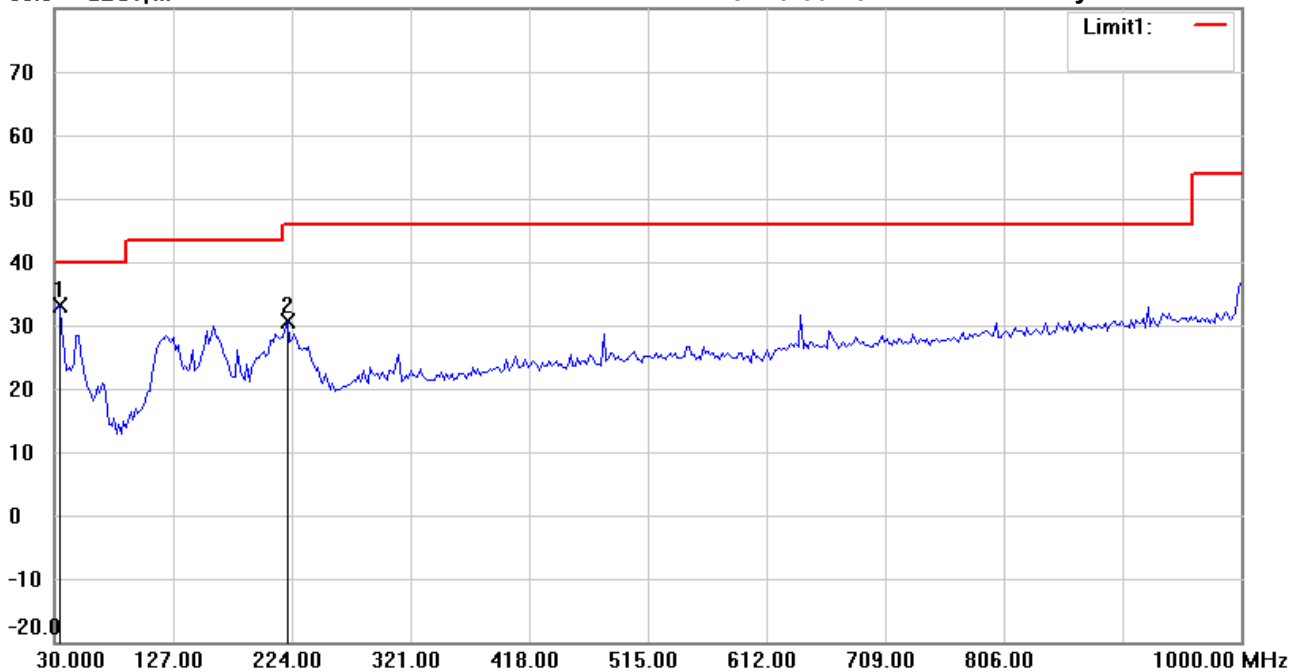
Date: 3/26/2021

Temperature: 22.1 °C

80.0 dBuV/m

Time: 10:30:46 PM

Humidity: 64.9 %



Site : Chamber

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

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 33.8878         | 41.90          | peak     | -8.68               | 33.22           | 40.00          | 108          | 25             | -6.78       |         |
|     | 220.5010        | 40.77          | peak     | -10.15              | 30.62           | 46.00          | 110          | 150            | -15.38      |         |

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



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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

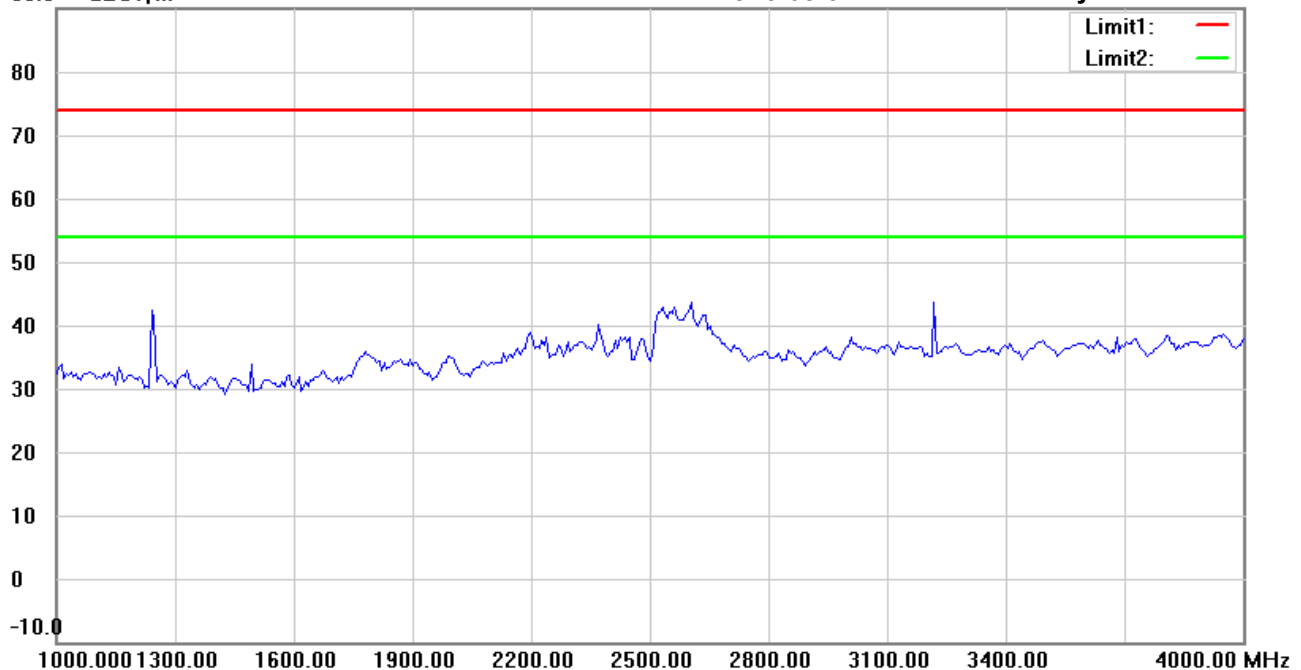
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:08:32 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH1

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: Vincent

File : 3

Data : #6

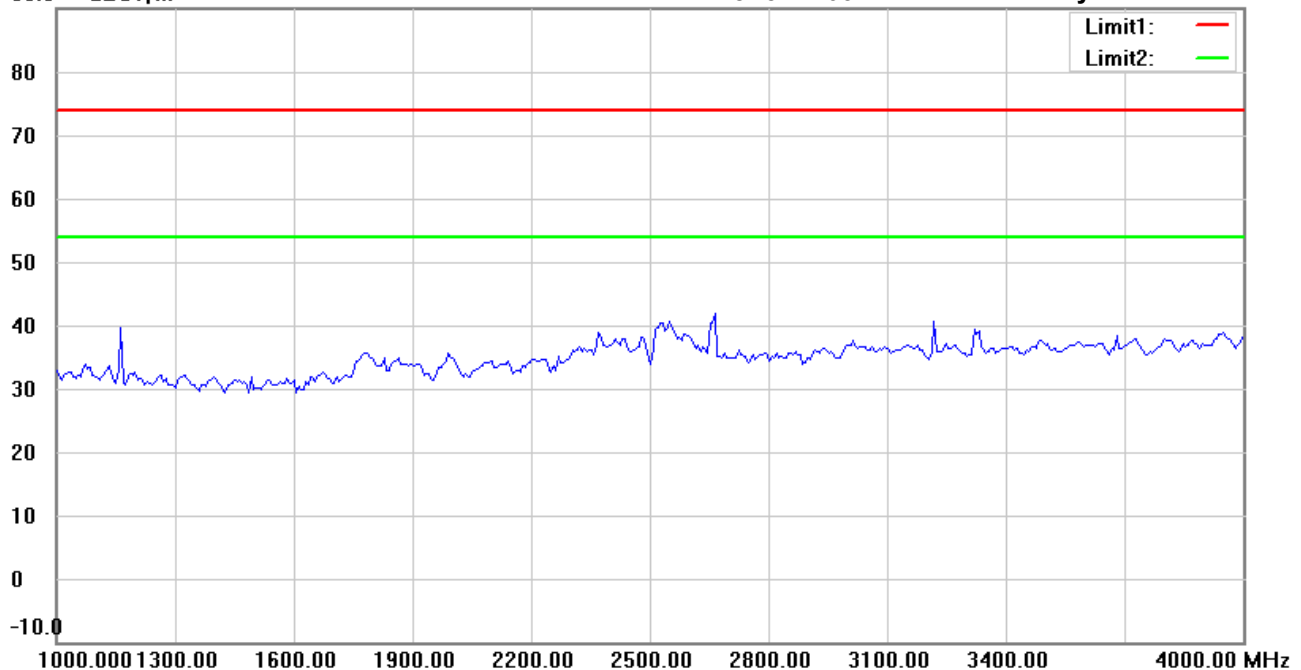
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:12:03 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH1

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: Vincent

File : 3

Data : #2

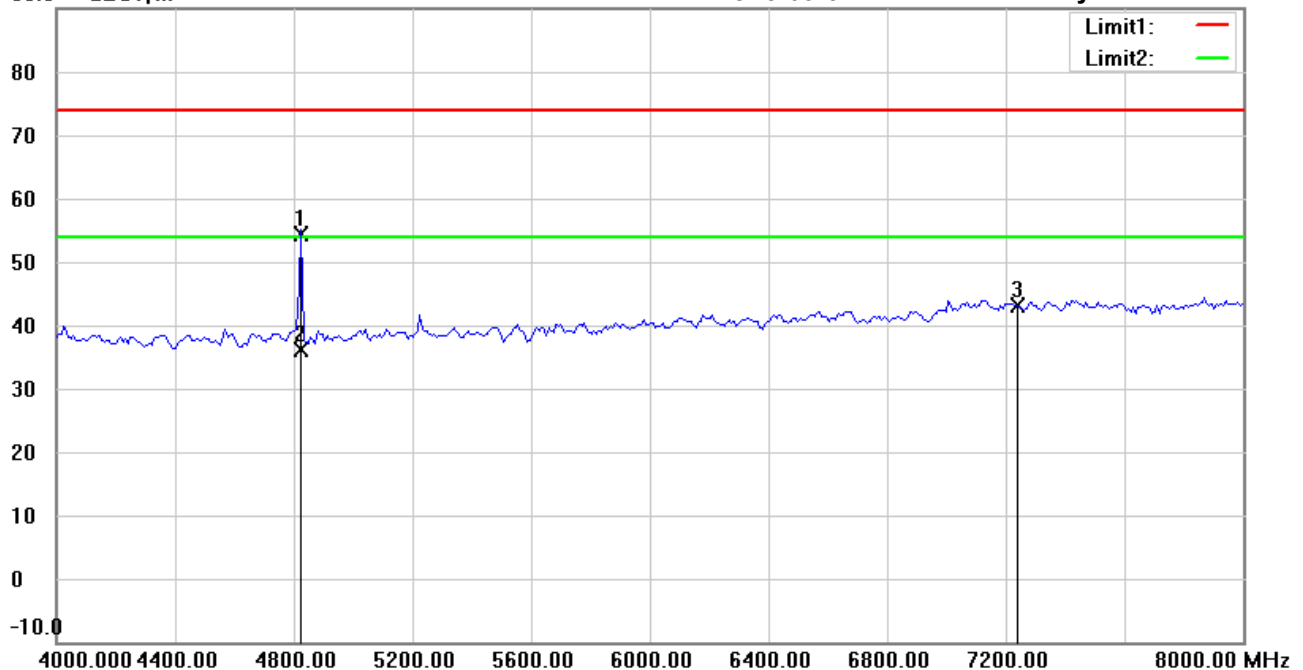
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:09:32 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4823.984        | 56.05          | peak     | -1.71               | 54.34           | 74.00          | 150          | 208            | -19.66      |         |
| *   | 4823.984        | 37.82          | AVG      | -1.71               | 36.11           | 54.00          | 150          | 208            | -17.89      |         |
|     | 7236.000        | 39.69          | peak     | 3.35                | 43.04           | 74.00          | 150          | 166            | -30.96      |         |

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



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# Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

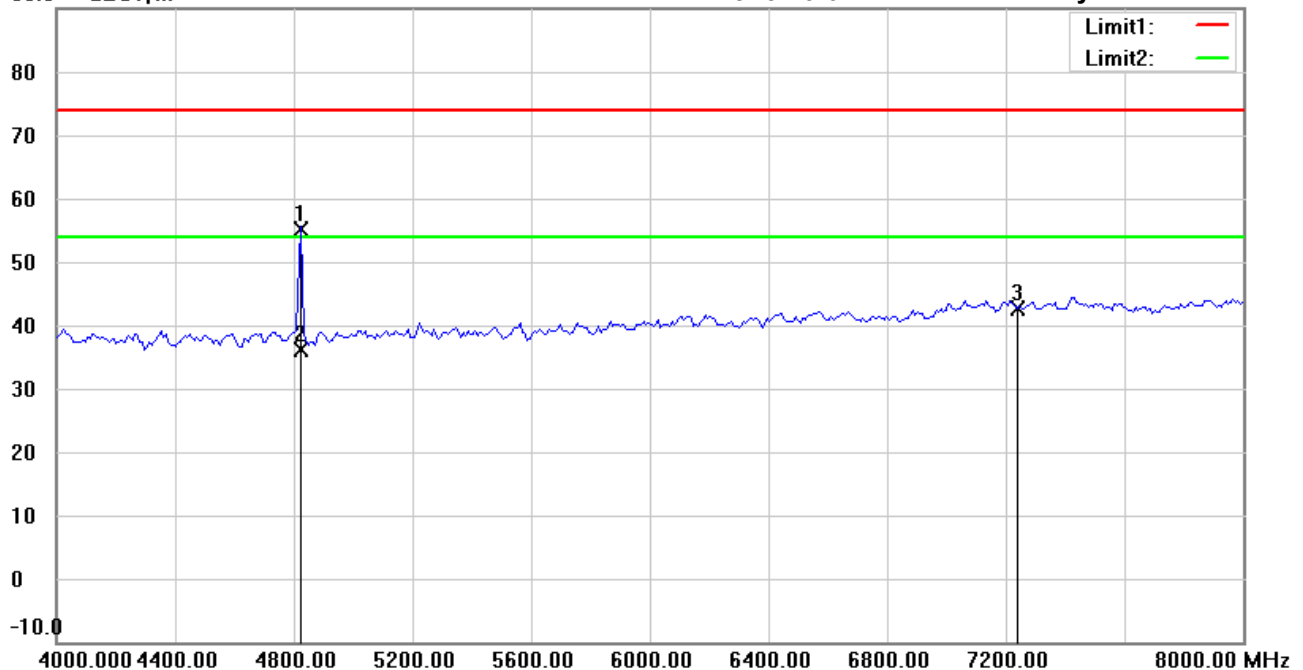
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:13:04 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4823.922        | 56.83          | peak     | -1.71               | 55.12           | 74.00          | 158          | 320            | -18.88      |         |
| *   | 4823.922        | 37.76          | AVG      | -1.71               | 36.05           | 54.00          | 158          | 320            | -17.95      |         |
|     | 7236.000        | 39.29          | peak     | 3.35                | 42.64           | 74.00          | 150          | 114            | -31.36      |         |

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



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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

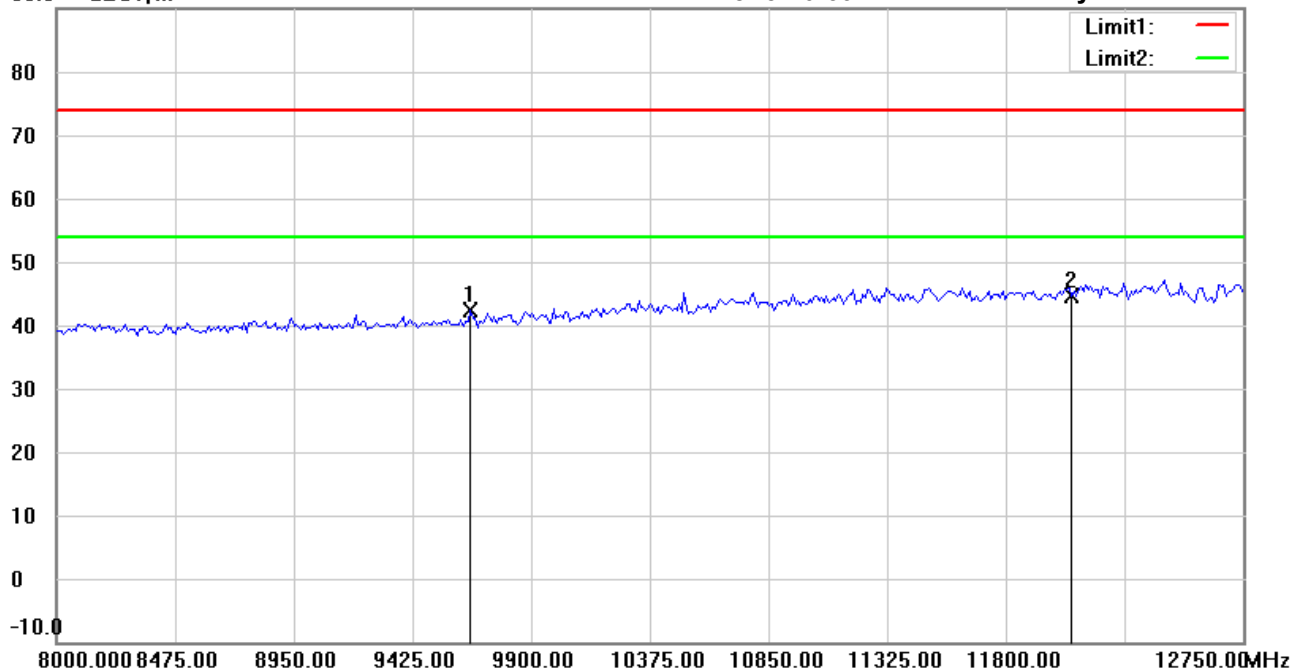
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:10:39 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9648.000        | 35.70          | peak     | 6.72                | 42.42           | 74.00          | 150          | 148            | -31.58      |         |
| *   | 12060.000       | 32.47          | peak     | 12.24               | 44.71           | 74.00          | 150          | 277            | -29.29      |         |

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



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# Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

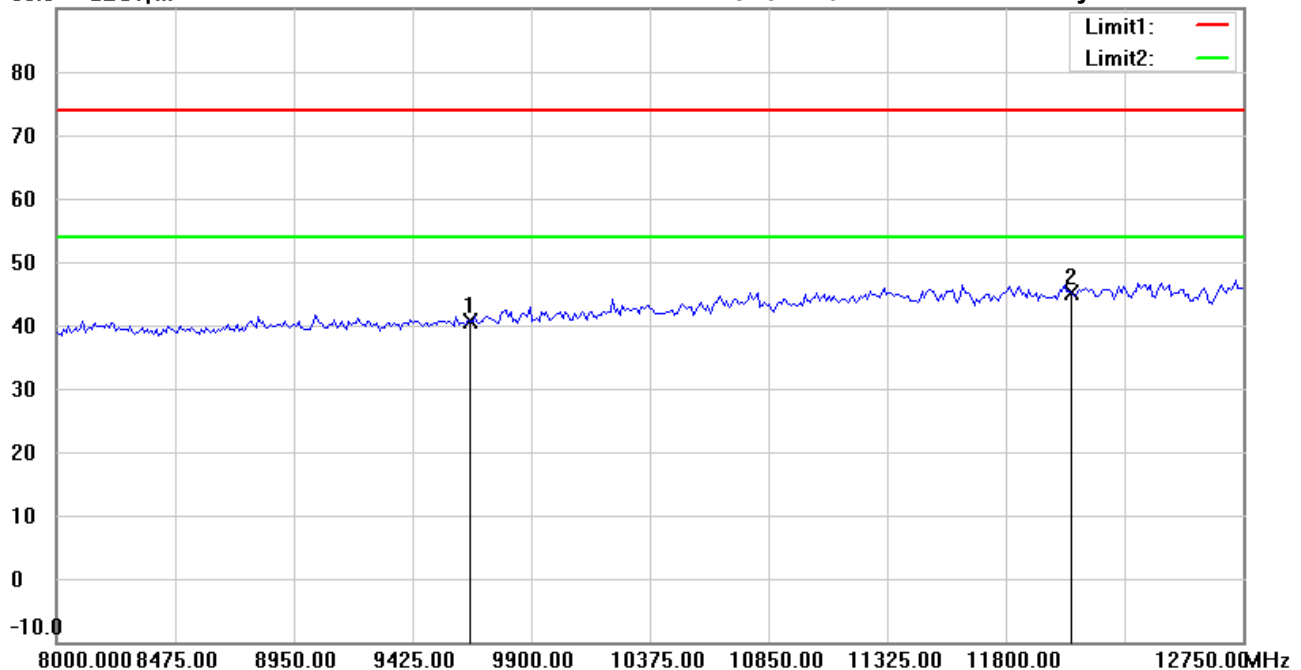
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:14:04 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9648.000        | 33.97          | peak     | 6.72                | 40.69           | 74.00          | 150          | 40             | -33.31      |         |
| *   | 12060.000       | 32.91          | peak     | 12.24               | 45.15           | 74.00          | 150          | 148            | -28.85      |         |

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

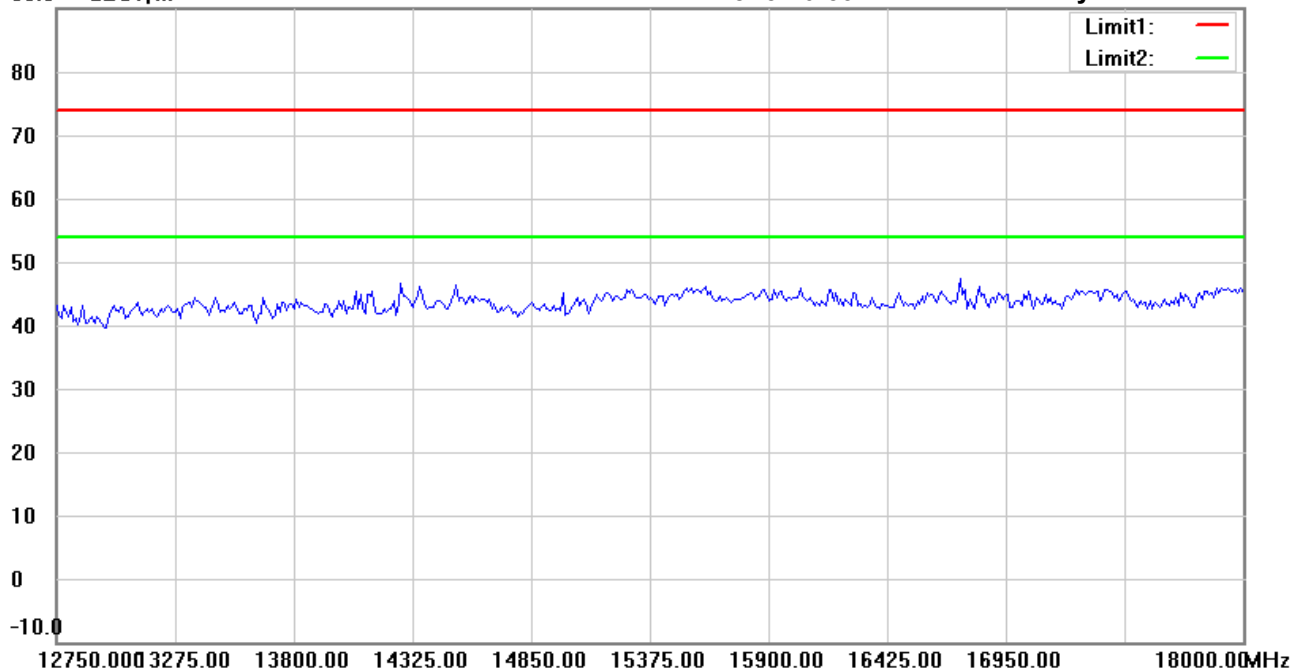
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:10:53 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH1

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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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

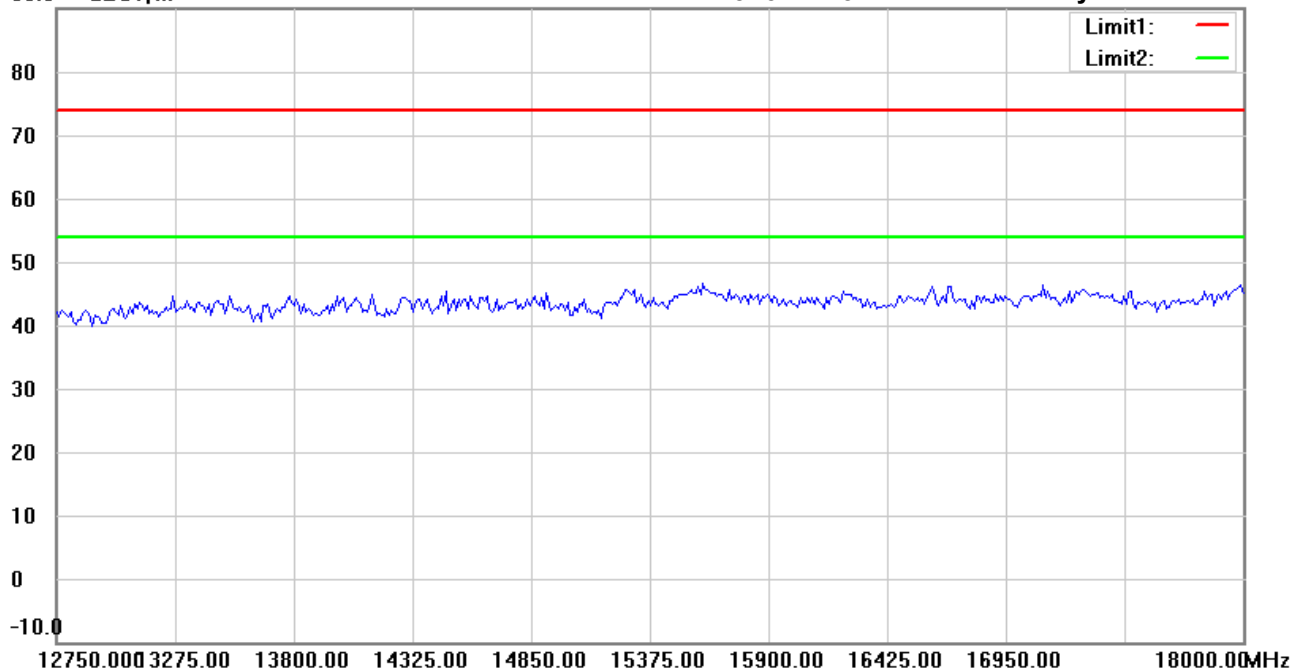
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:14:18 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH1

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: Vincent

File :3

Data :#5

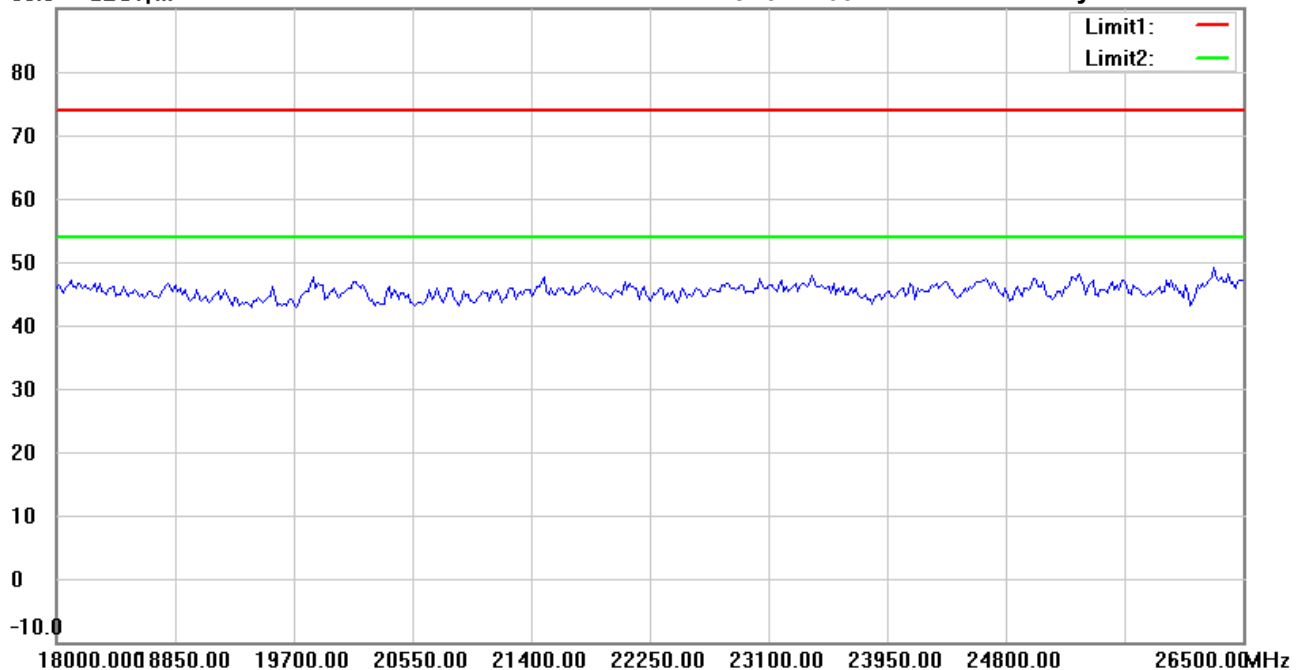
Date: 3/27/2021

Temperature: 24 °C

Time: 5:11:03 PM

Humidity: 57.5 %

90.0 dBuV/m



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH1

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: Vincent

File : 3

Data : #10

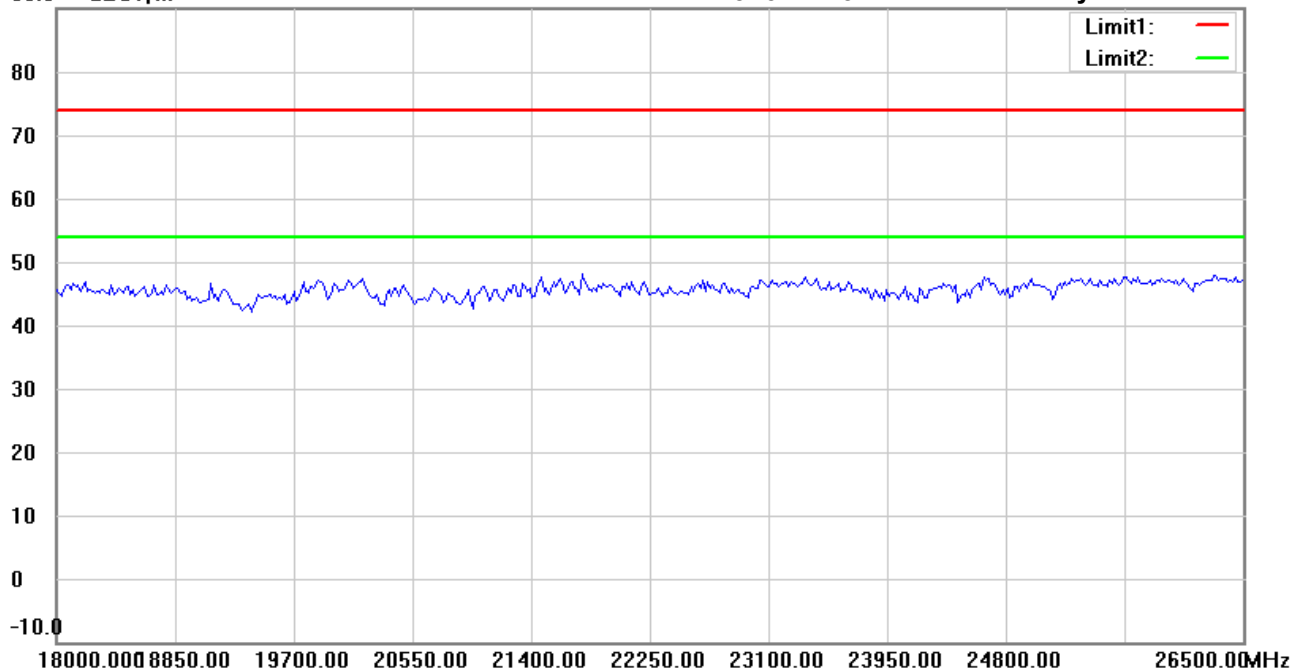
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:14:28 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH1

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: Vincent

File : 3

Data : #1

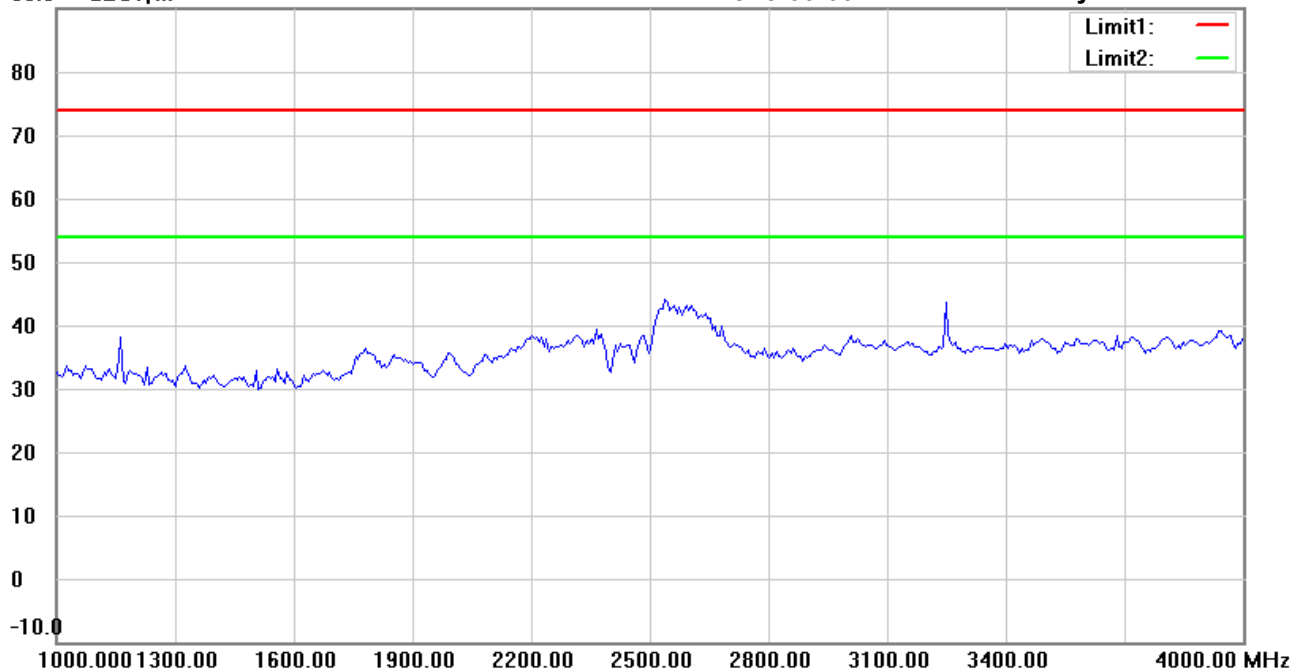
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:30:00 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH6

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: Vincent

File : 3

Data : #6

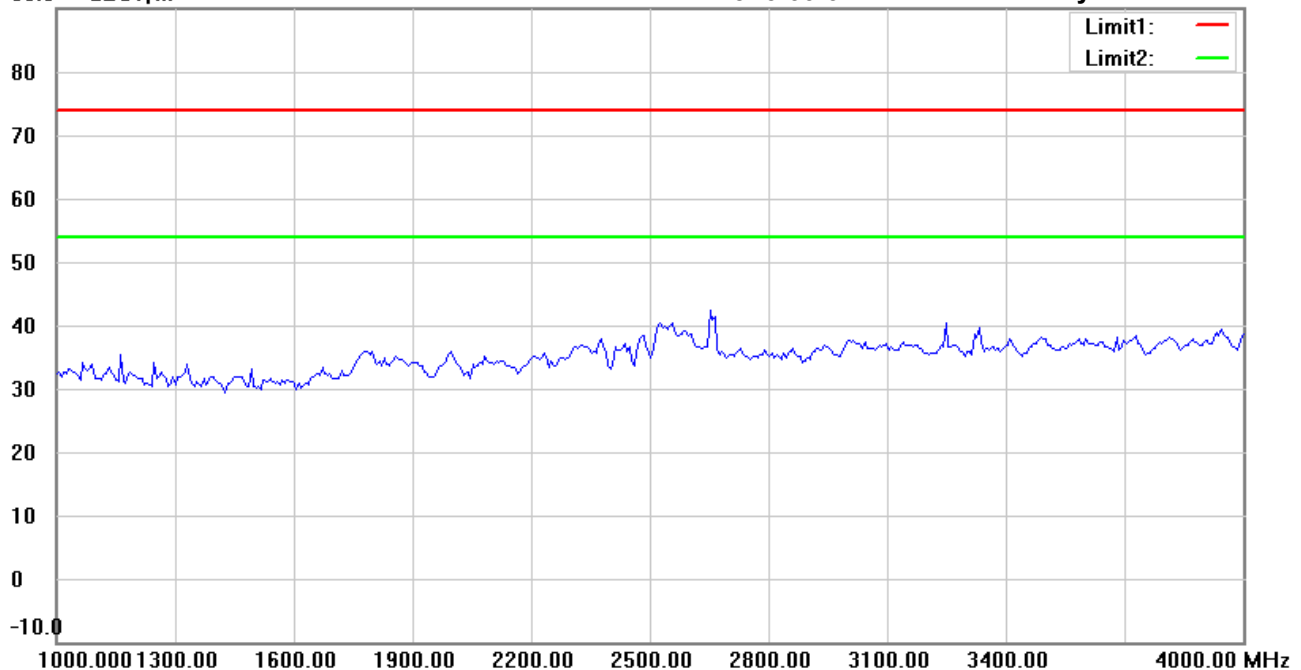
Date: 3/27/2021

Temperature: 24 °C

Time: 5:33:31 PM

Humidity: 57.5 %

90.0 dBuV/m



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH6

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: Vincent

File :3

Data :#2

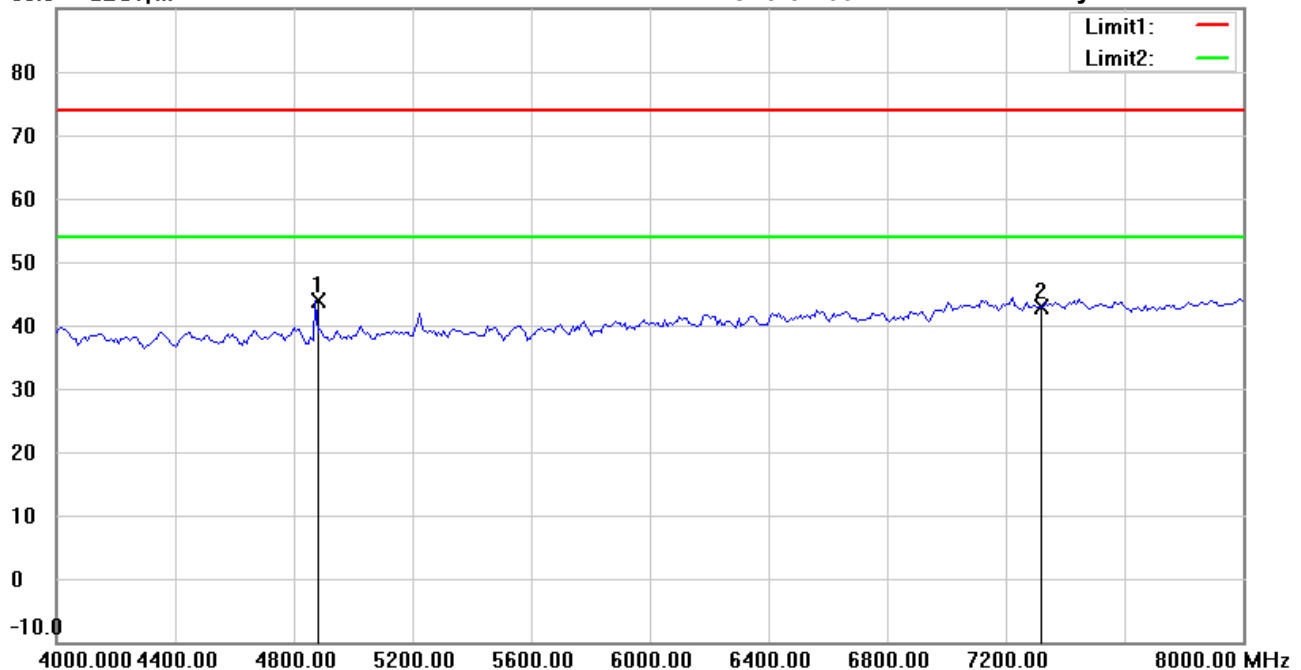
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:31:00 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 4873.748        | 45.51          | peak     | -1.61               | 43.90           | 74.00          | 150          | 229            | -30.10      |         |
|     | 7311.000        | 39.36          | peak     | 3.48                | 42.84           | 74.00          | 150          | 136            | -31.16      |         |

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



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# Radiated Emission Measurement

Operator: Vincent

File :3

Data :#7

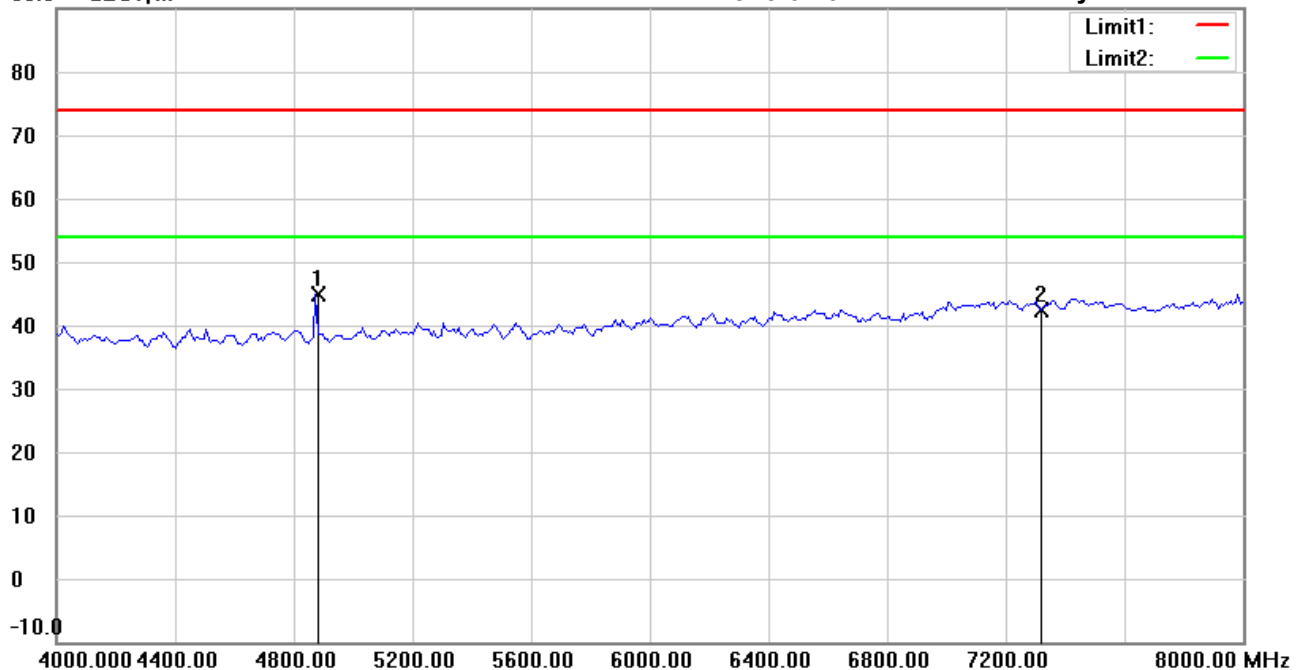
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:34:32 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 4873.748        | 46.55          | peak     | -1.61               | 44.94           | 74.00          | 150          | 163            | -29.06      |         |
|     | 7311.000        | 38.99          | peak     | 3.48                | 42.47           | 74.00          | 150          | 40             | -31.53      |         |

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



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# Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

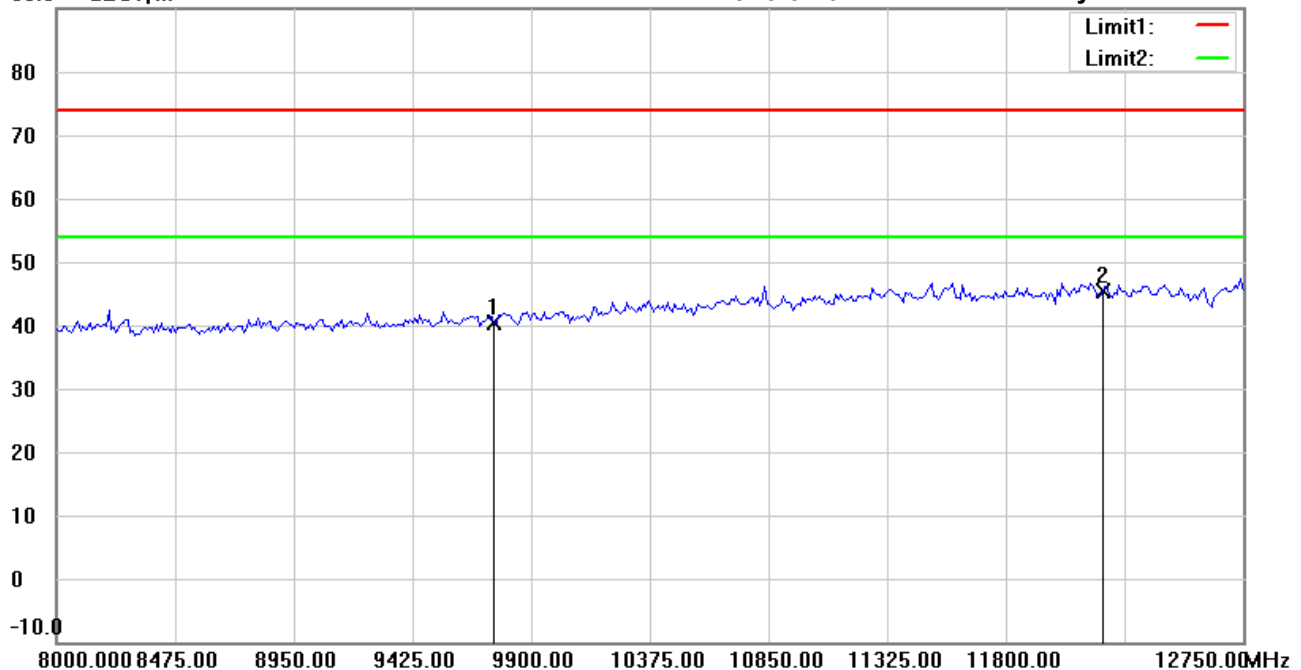
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:32:07 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9748.000        | 33.54          | peak     | 6.82                | 40.36           | 74.00          | 150          | 70             | -33.64      |         |
| *   | 12185.000       | 32.43          | peak     | 12.97               | 45.40           | 74.00          | 150          | 244            | -28.60      |         |

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



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# Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

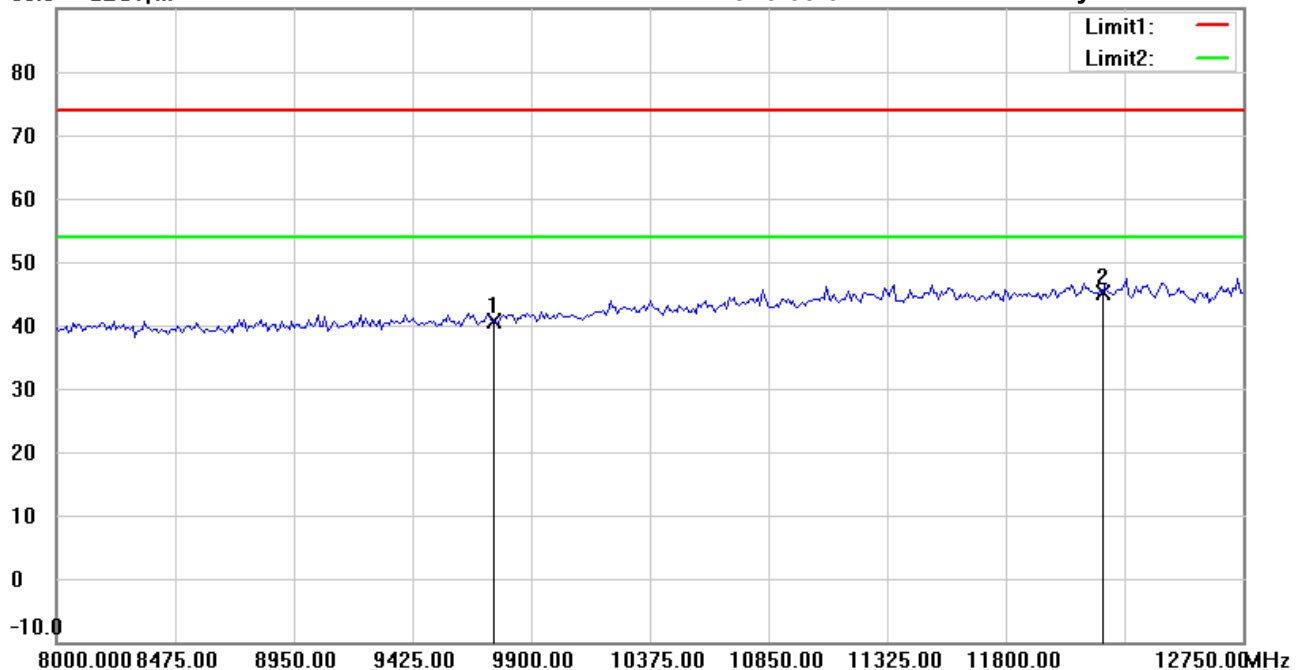
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:35:32 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9748.000        | 33.82          | peak     | 6.82                | 40.64           | 74.00          | 150          | 70             | -33.36      |         |
| *   | 12185.000       | 32.17          | peak     | 12.97               | 45.14           | 74.00          | 150          | 99             | -28.86      |         |

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #4

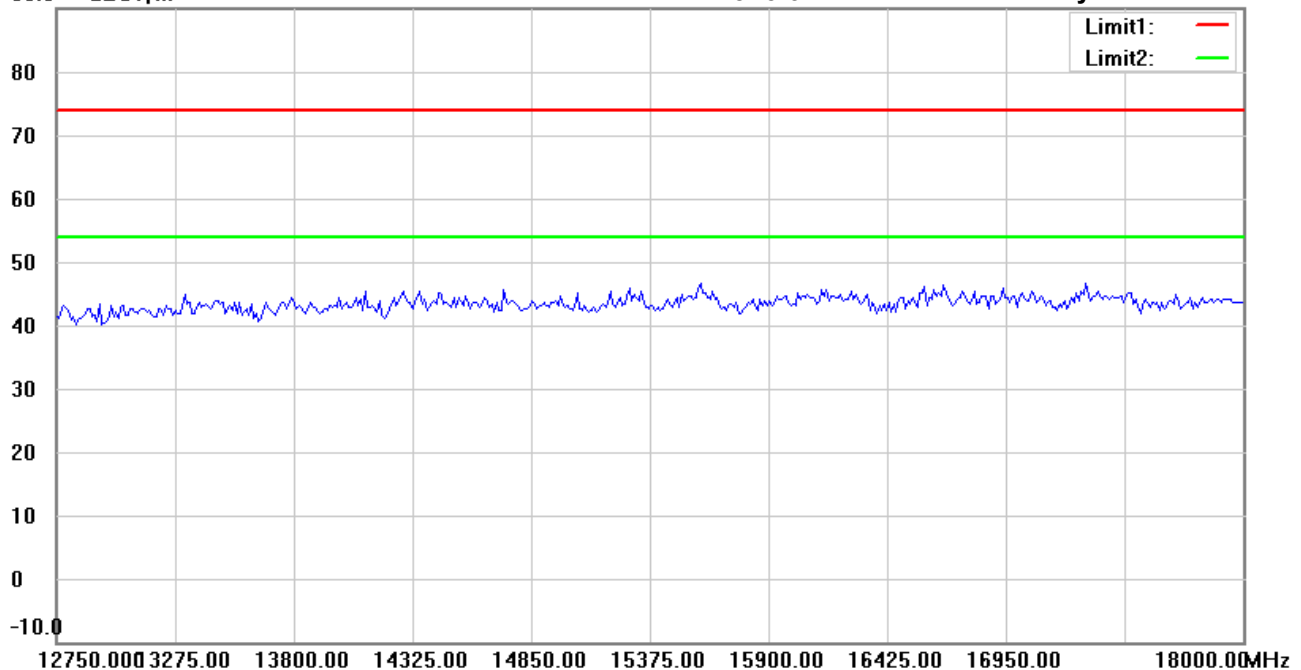
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:32:21 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH6

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: Vincent

File : 3

Data : #9

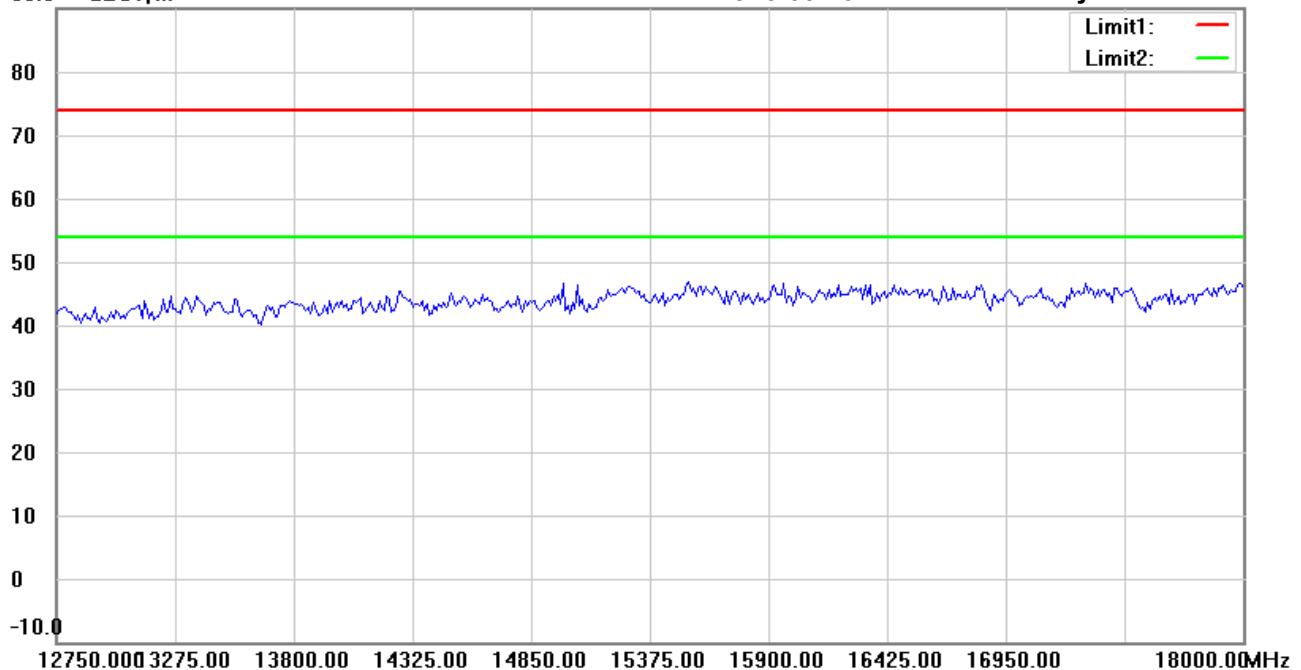
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:35:46 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH6

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: Vincent

File : 3

Data : #5

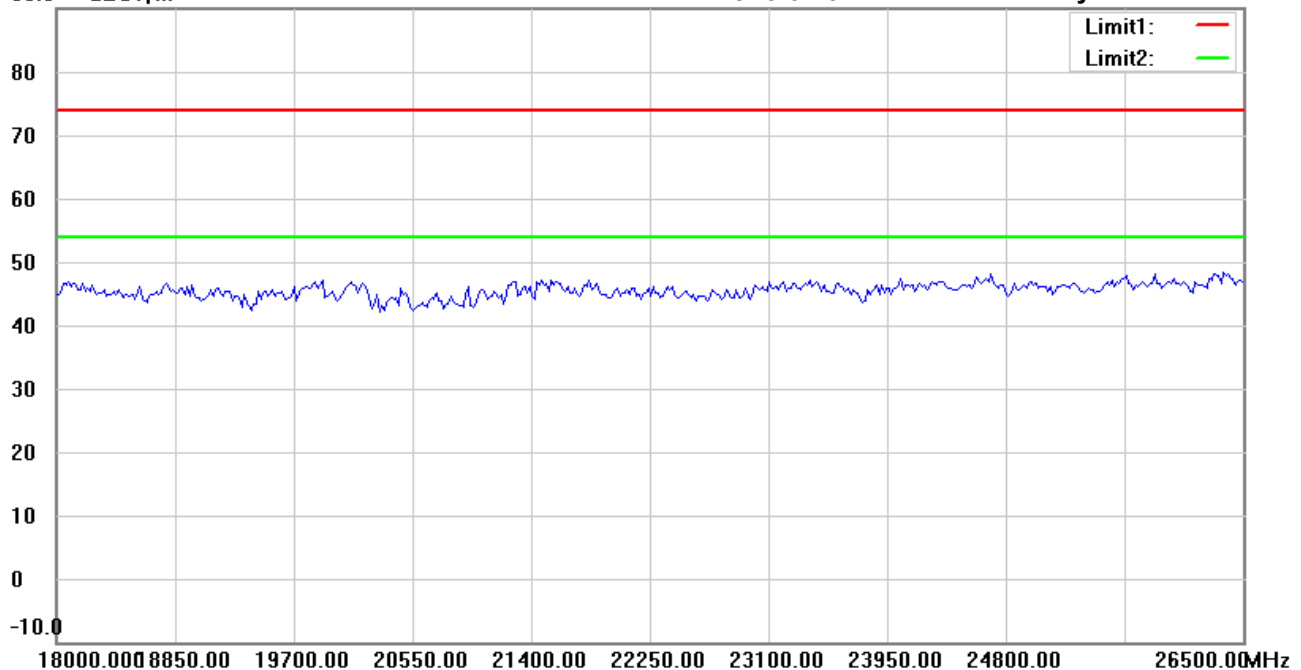
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:32:31 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH6

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: Vincent

File :3

Data :#10

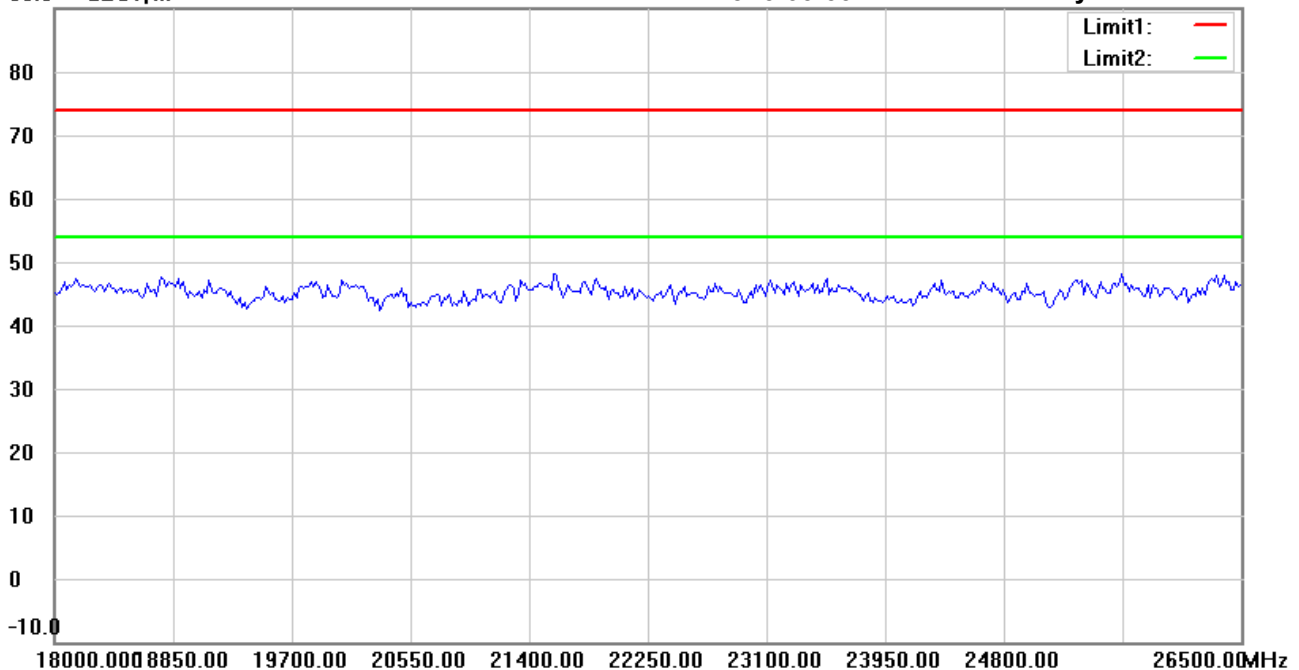
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:35:55 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH6

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: Vincent

File : 3

Data : #1

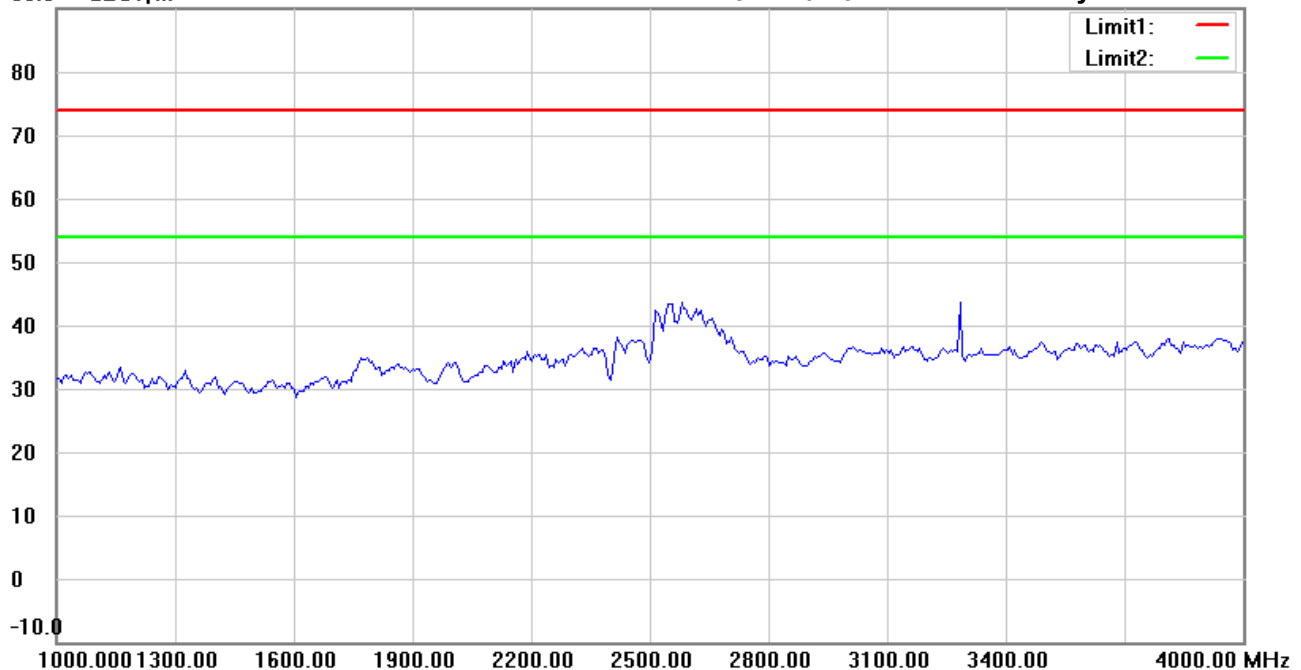
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 4:40:45 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH11

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: Vincent

File : 3

Data : #6

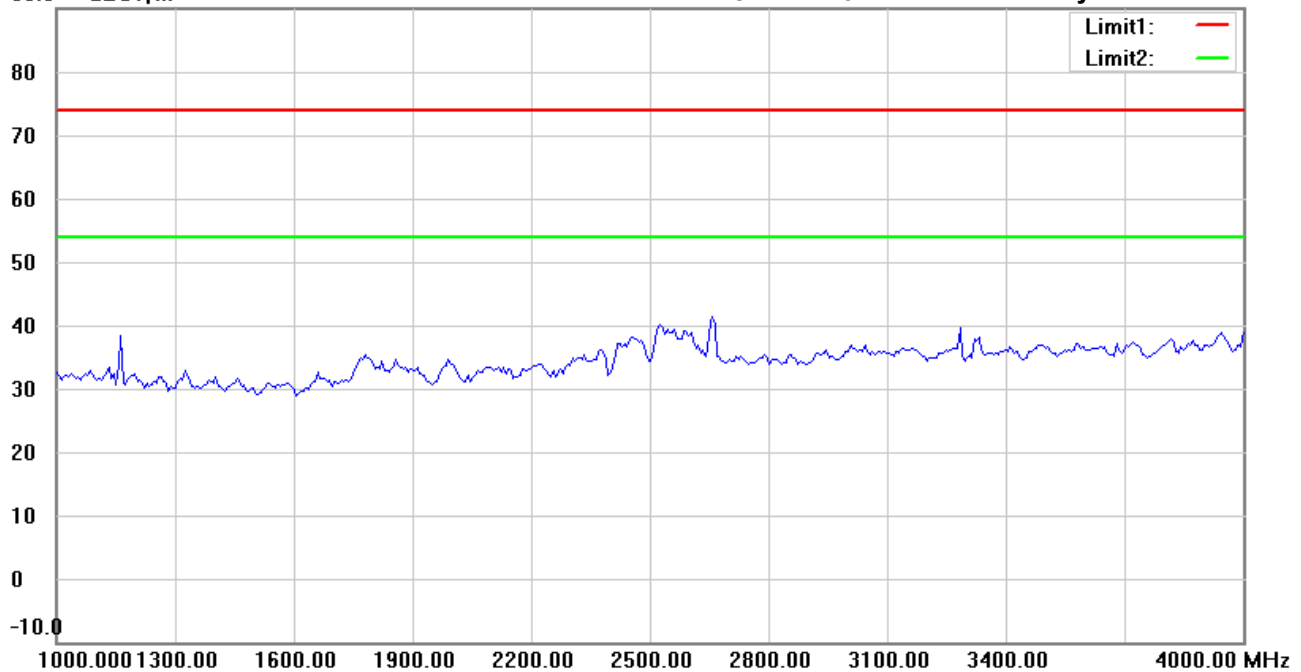
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 4:44:16 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH11

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: Vincent

File :3

Data :#2

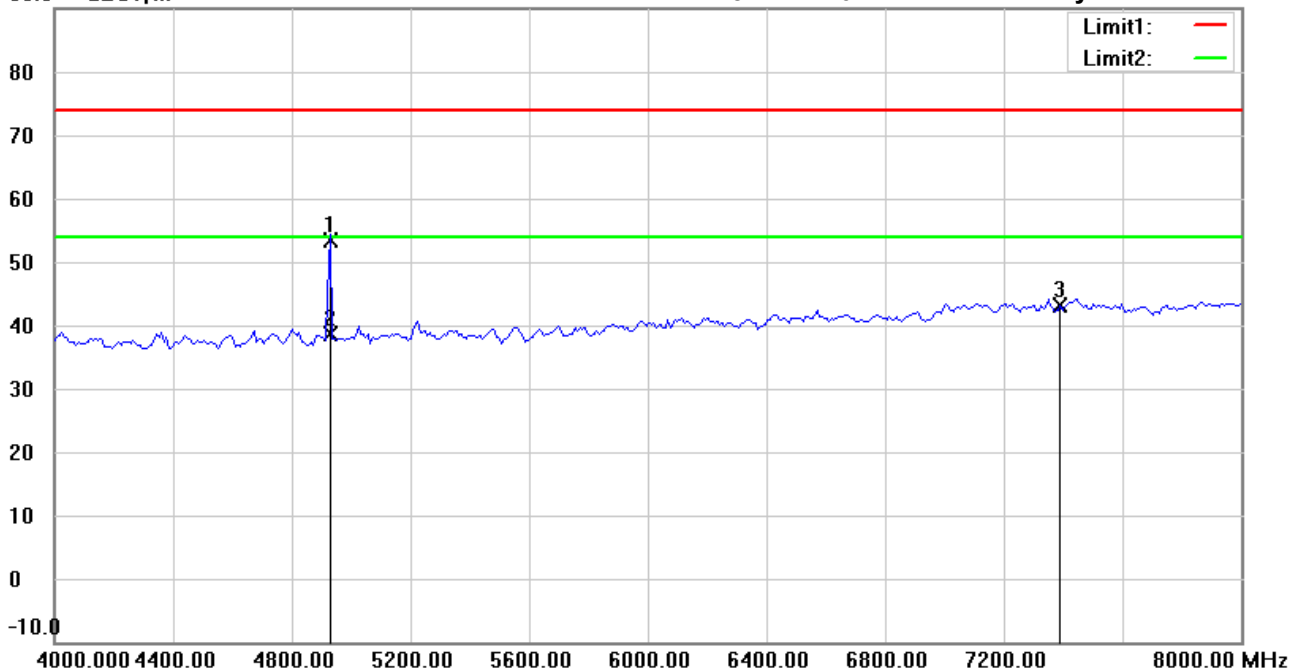
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 4:41:46 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4924.194        | 54.96          | peak     | -1.48               | 53.48           | 74.00          | 155          | 205            | -20.52      |         |
| *   | 4924.194        | 40.22          | AVG      | -1.48               | 38.74           | 54.00          | 155          | 205            | -15.26      |         |
|     | 7386.000        | 39.26          | peak     | 3.79                | 43.05           | 74.00          | 150          | 110            | -30.95      |         |

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



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# Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

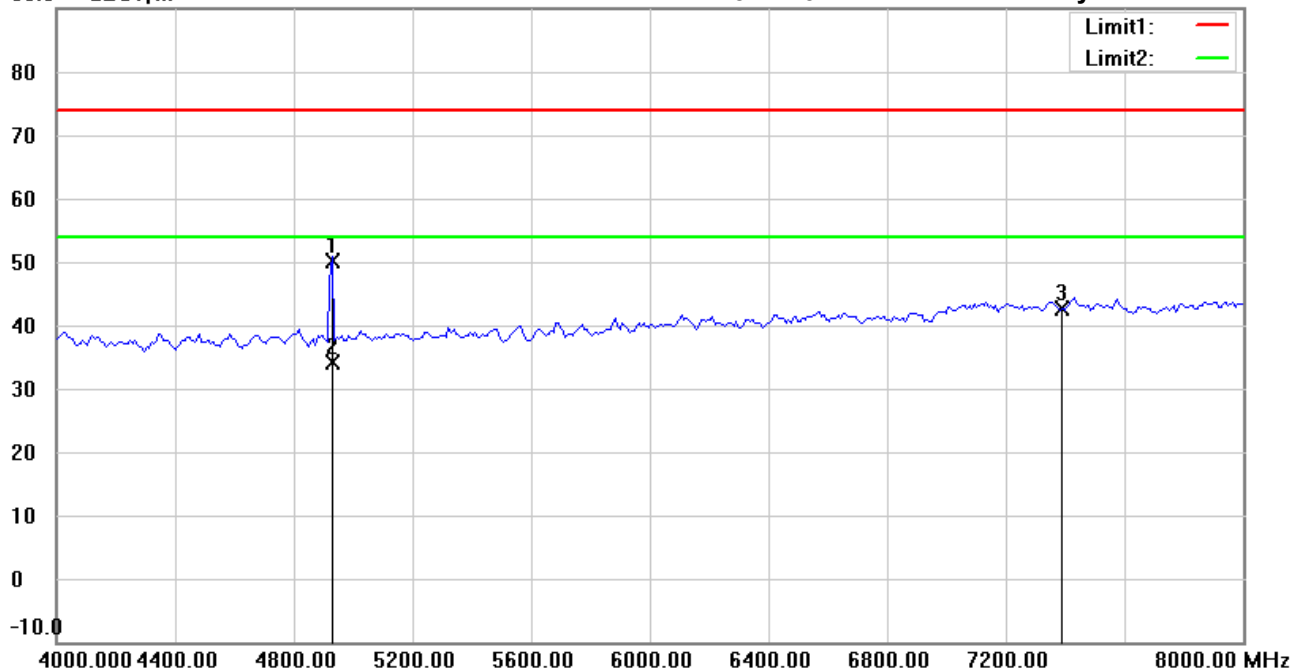
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 4:45:17 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4924.051        | 51.63          | peak     | -1.48               | 50.15           | 74.00          | 150          | 118            | -23.85      |         |
| *   | 4924.051        | 35.54          | AVG      | -1.48               | 34.06           | 54.00          | 150          | 118            | -19.94      |         |
|     | 7386.000        | 38.95          | peak     | 3.79                | 42.74           | 74.00          | 150          | 199            | -31.26      |         |

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

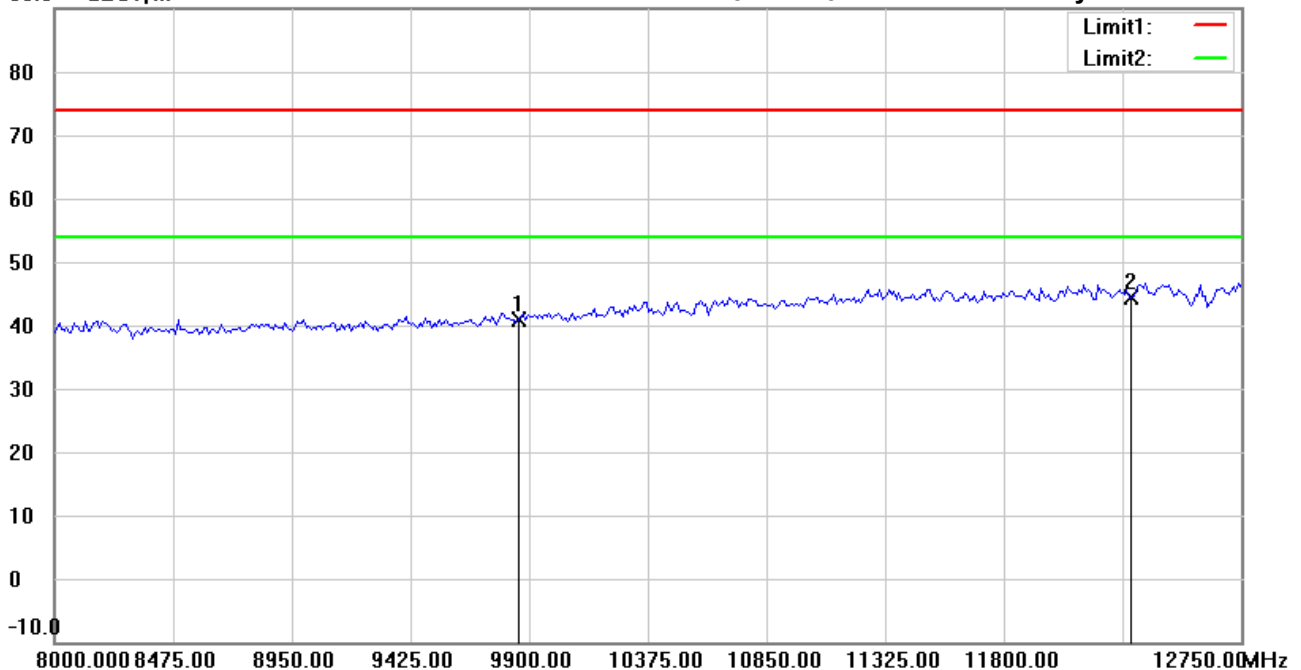
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 4:42:52 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9848.000        | 33.89          | peak     | 7.04                | 40.93           | 74.00          | 150          | 60             | -33.07      |         |
| *   | 12310.000       | 32.12          | peak     | 12.28               | 44.40           | 74.00          | 150          | 143            | -29.60      |         |

\*: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: Vincent

File :3

Data :#8

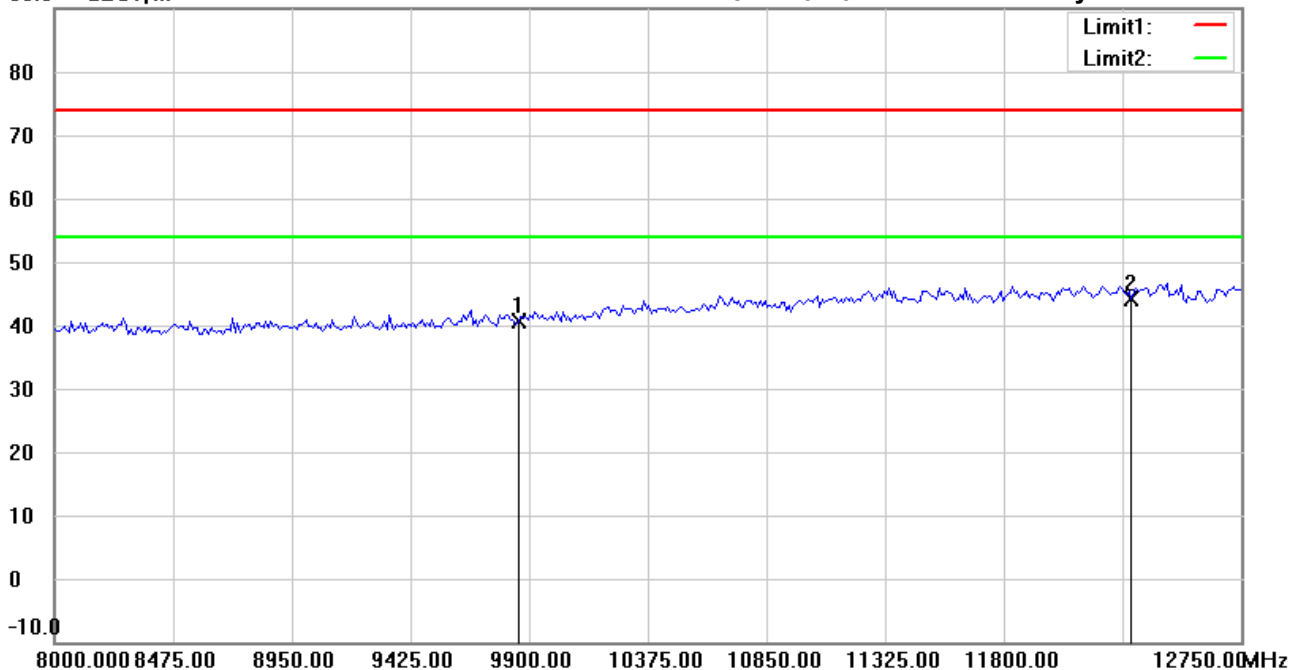
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 4:46:16 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9848.000        | 33.55          | peak     | 7.04                | 40.59           | 74.00          | 150          | 166            | -33.41      |         |
| *   | 12310.000       | 31.88          | peak     | 12.28               | 44.16           | 74.00          | 150          | 248            | -29.84      |         |

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

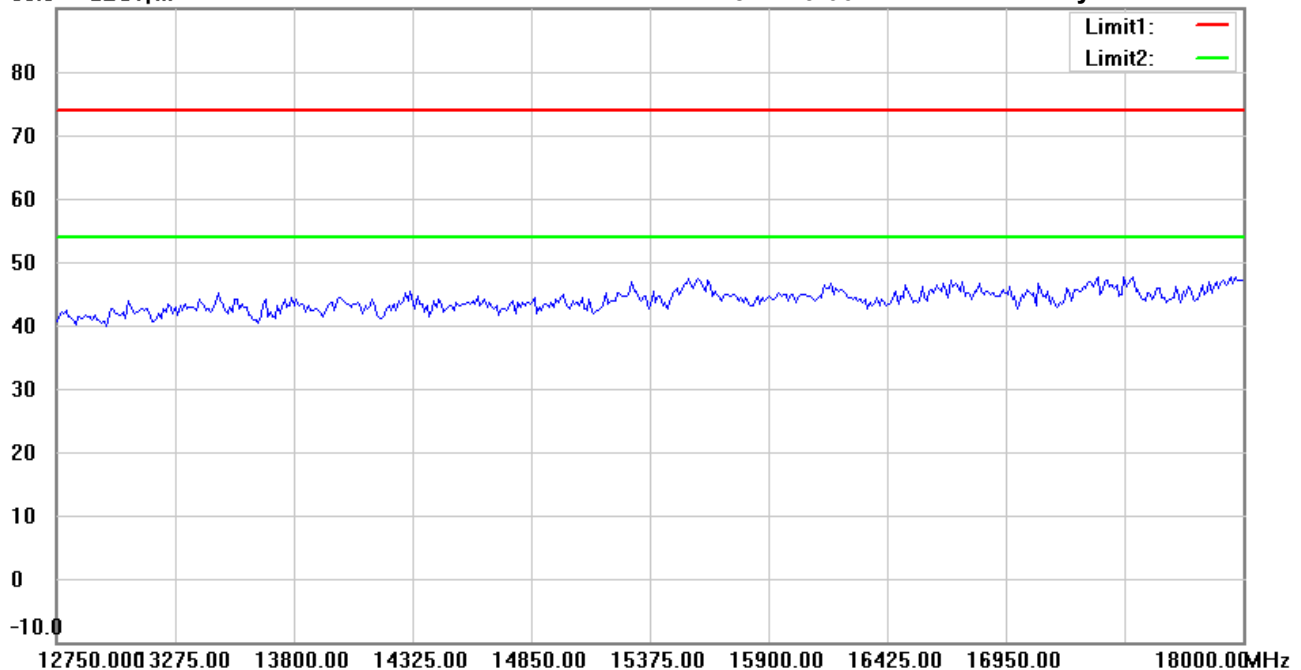
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 4:43:06 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH11

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: Vincent

File : 3

Data : #9

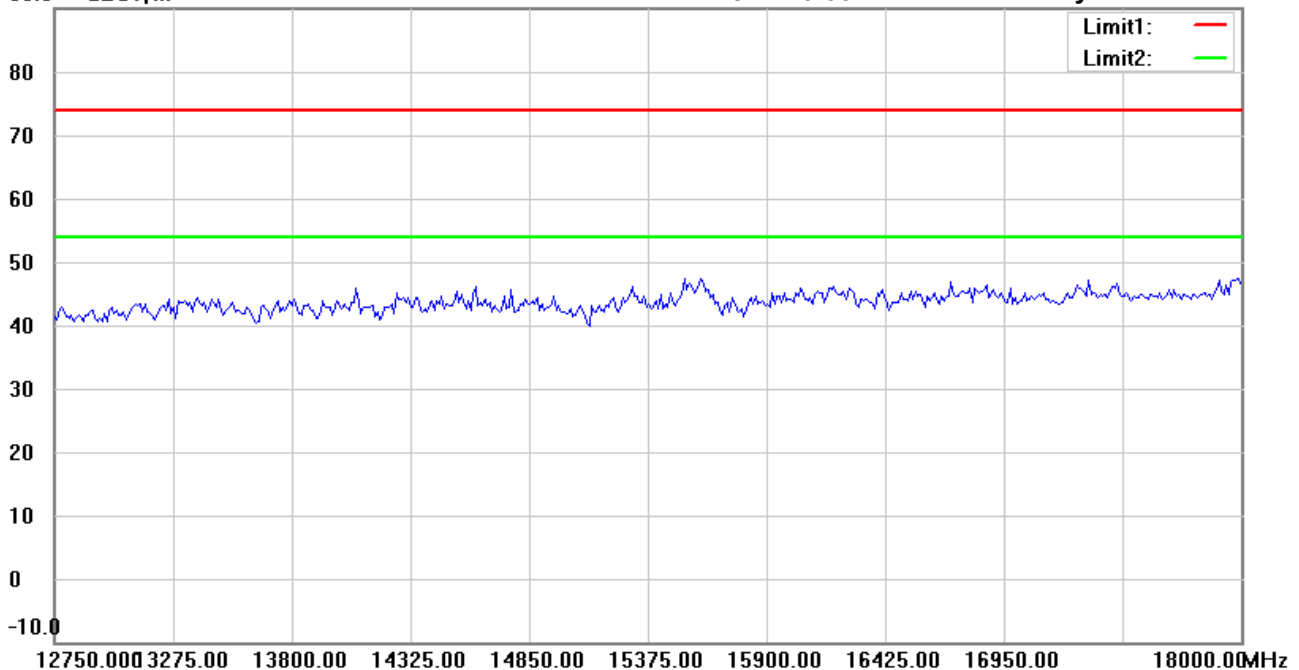
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 4:46:30 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH11

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: Vincent

File :3

Data :#5

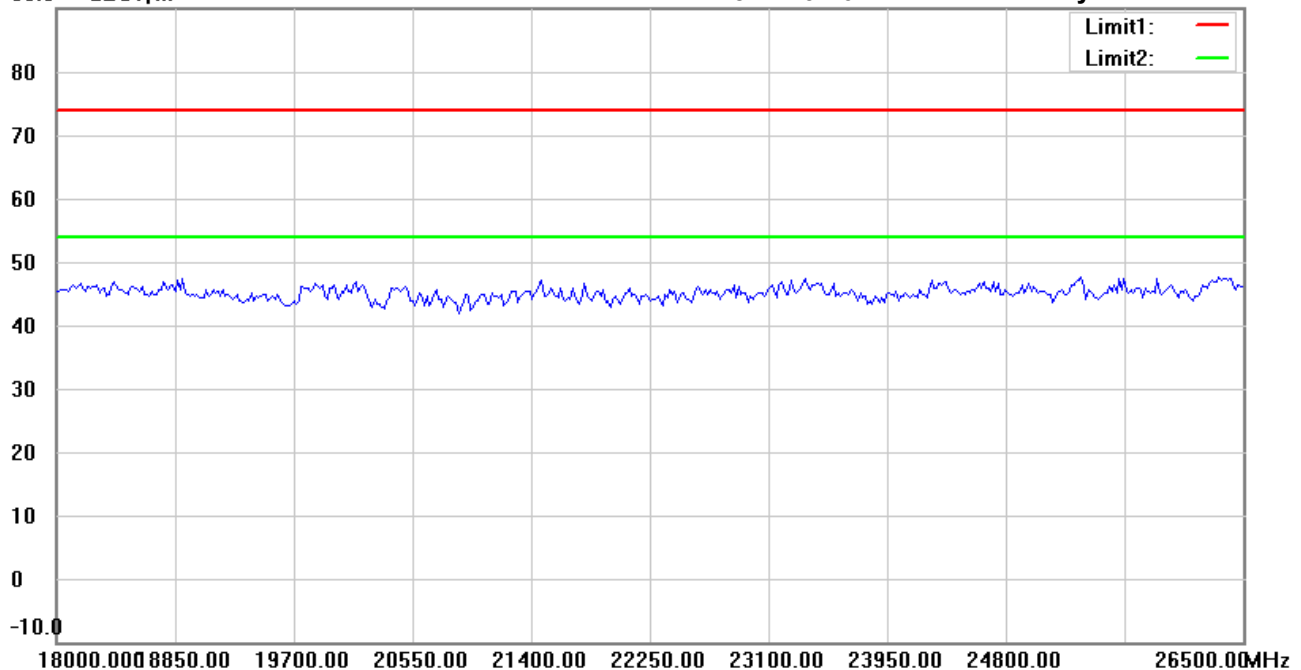
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 4:43:16 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH11

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: Vincent

File :3

Data :#10

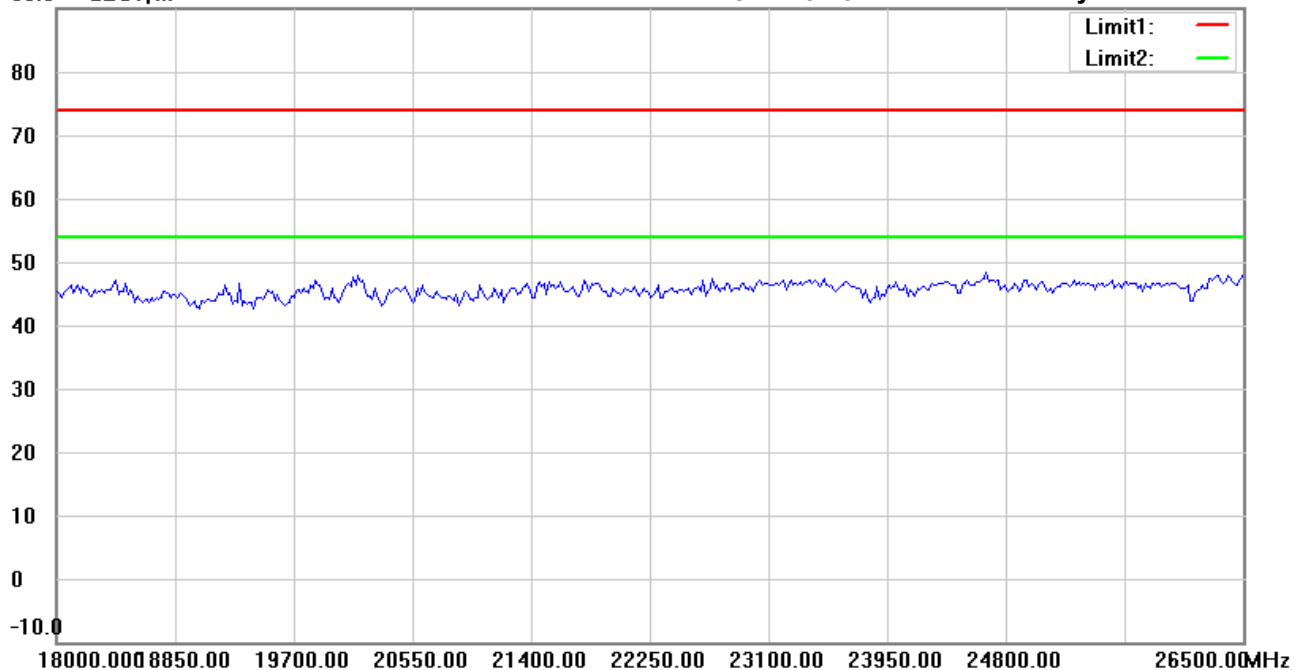
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 4:46:40 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11b CH11

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: Vincent

File : 3

Data : #1

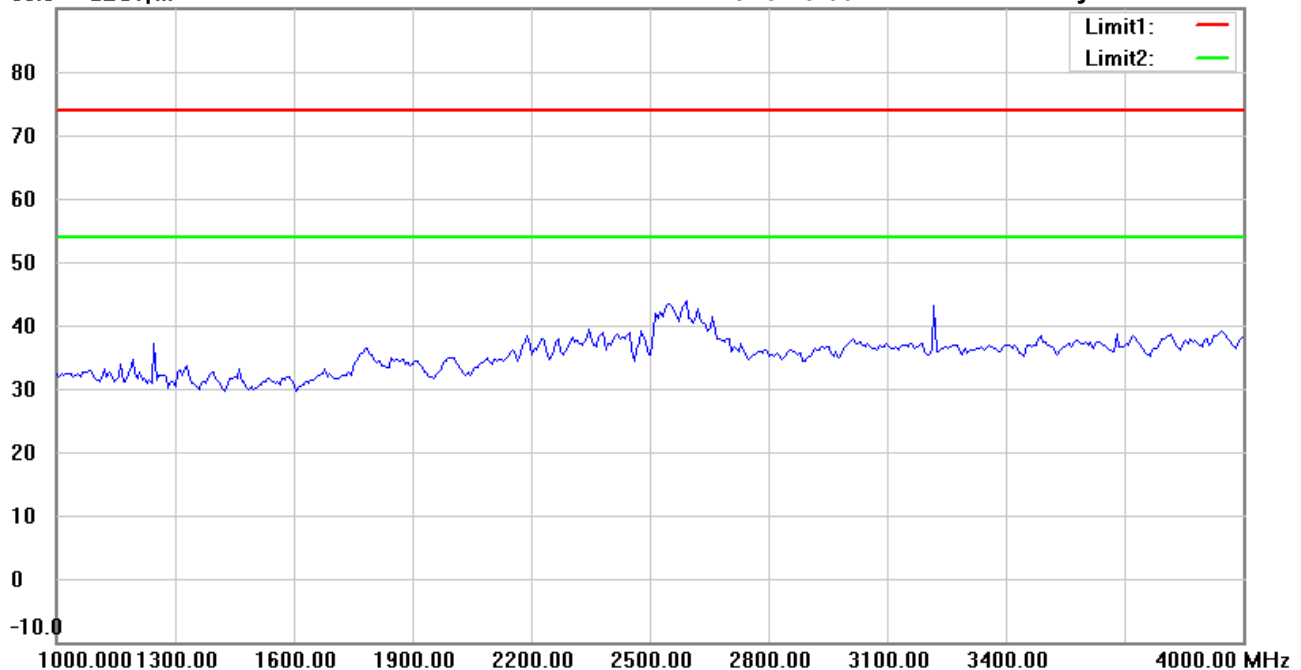
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:40:00 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH1

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: Vincent

File : 3

Data : #6

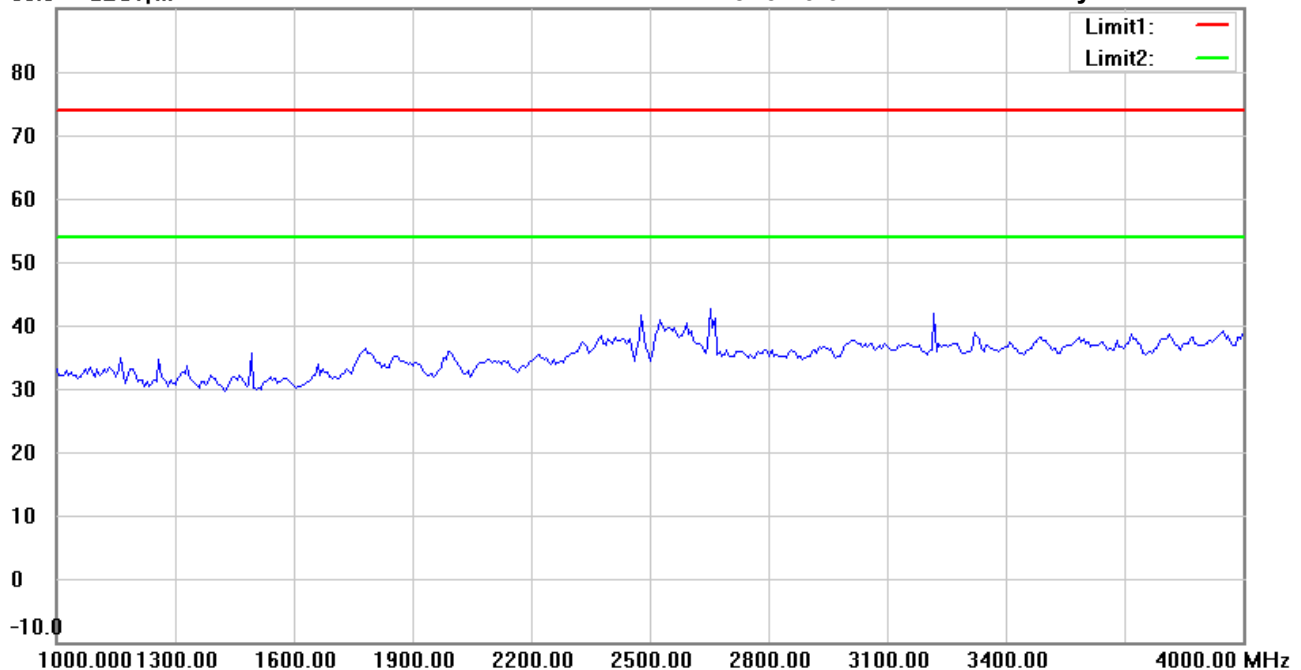
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:43:32 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH1

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: Vincent

File :3

Data :#2

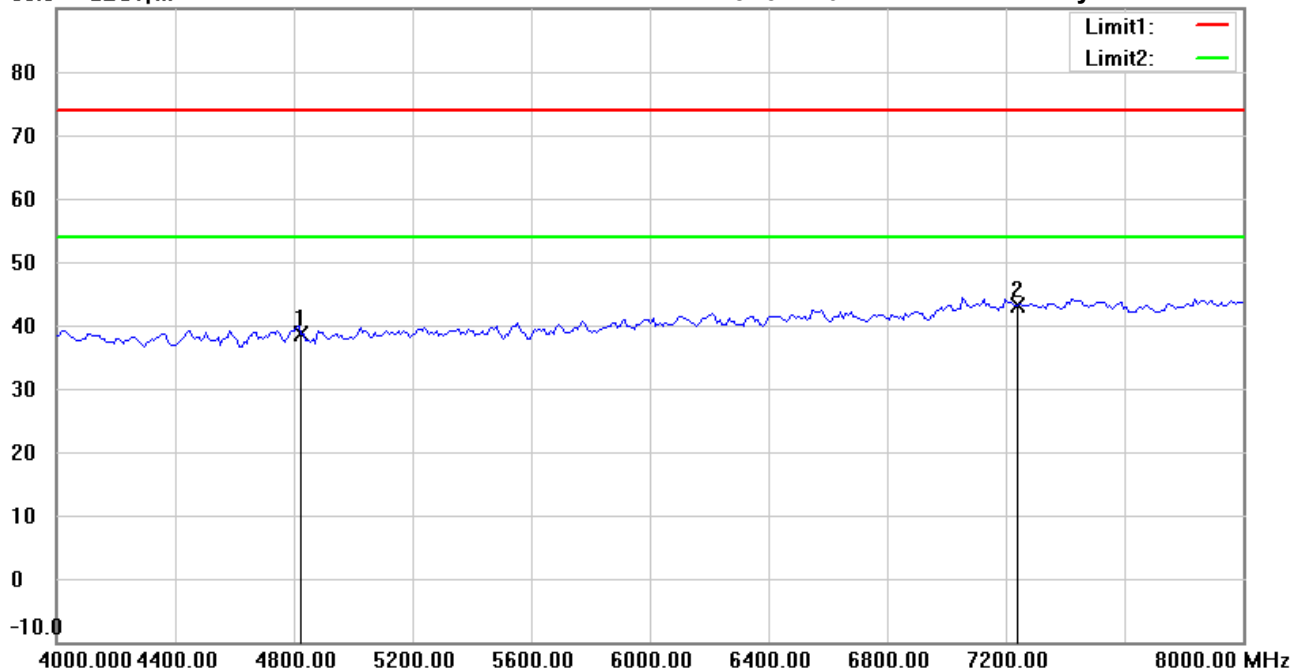
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:41:01 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4824.000        | 40.22          | peak     | -1.71               | 38.51           | 74.00          | 150          | 42             | -35.49      |         |
| *   | 7236.000        | 39.76          | peak     | 3.35                | 43.11           | 74.00          | 150          | 126            | -30.89      |         |

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



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# Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

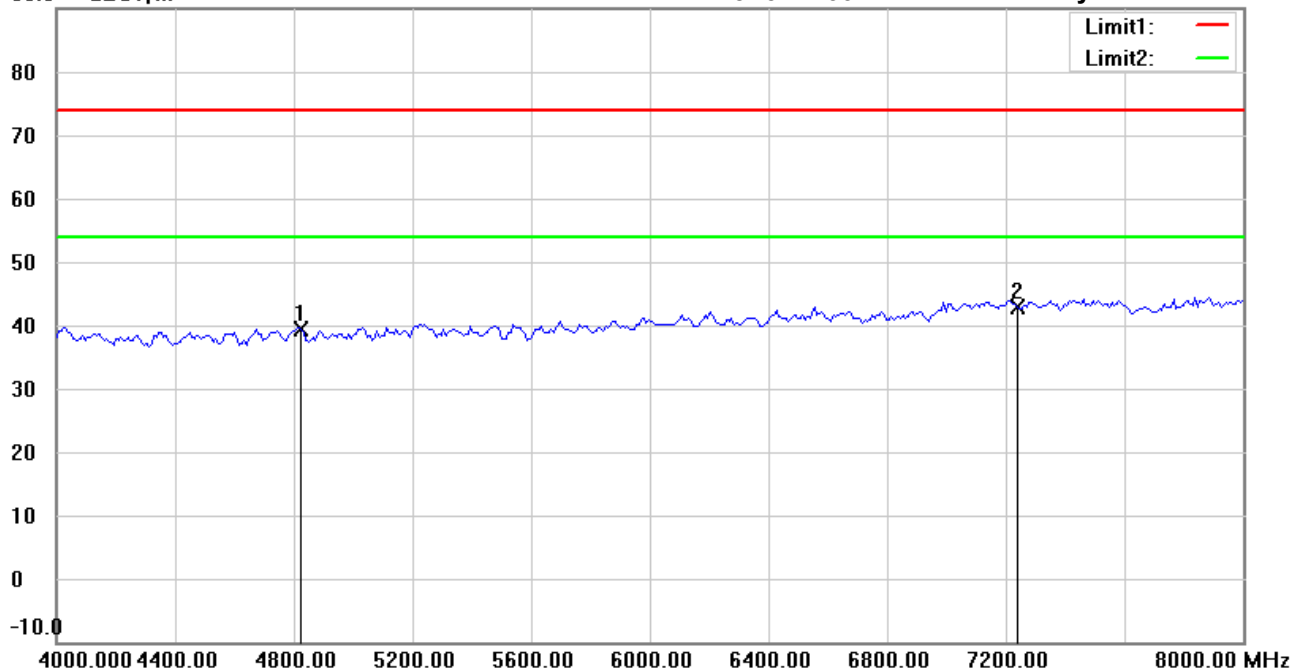
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:44:33 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4824.000        | 41.01          | peak     | -1.71               | 39.30           | 74.00          | 150          | 219            | -34.70      |         |
| *   | 7236.000        | 39.46          | peak     | 3.35                | 42.81           | 74.00          | 150          | 42             | -31.19      |         |

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



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# Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

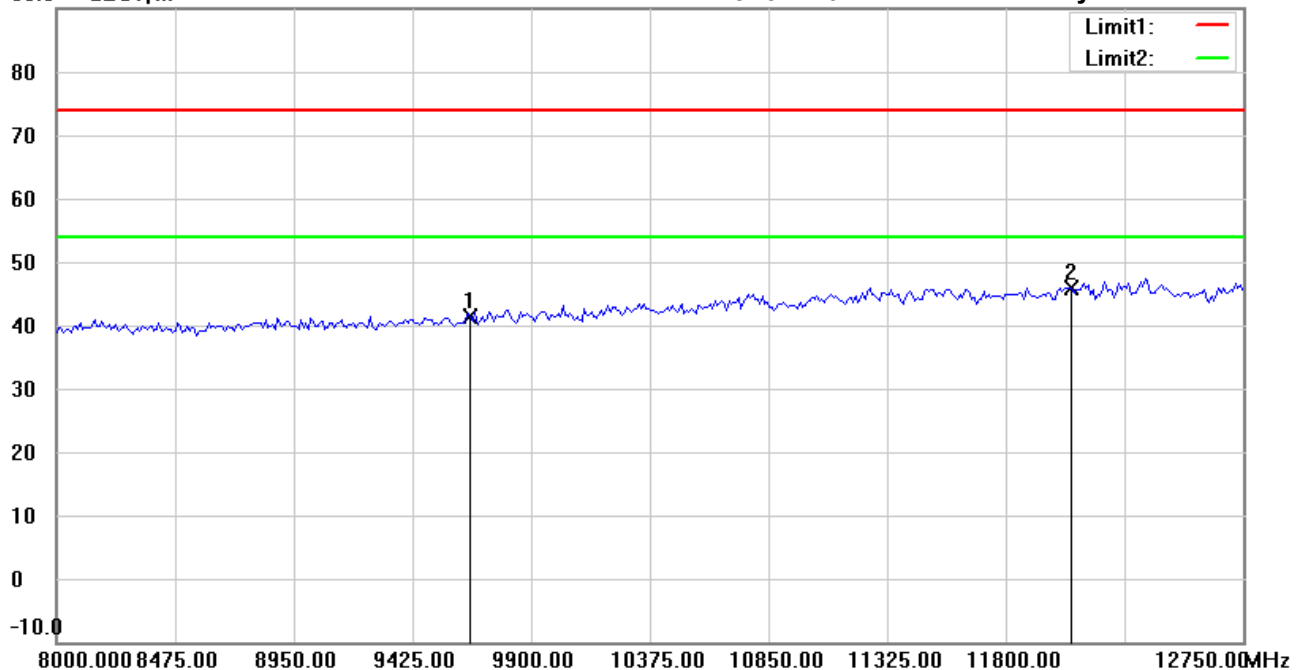
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:42:07 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9648.000        | 34.65          | peak     | 6.72                | 41.37           | 74.00          | 150          | 62             | -32.63      |         |
| *   | 12060.000       | 33.64          | peak     | 12.24               | 45.88           | 74.00          | 150          | 312            | -28.12      |         |

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

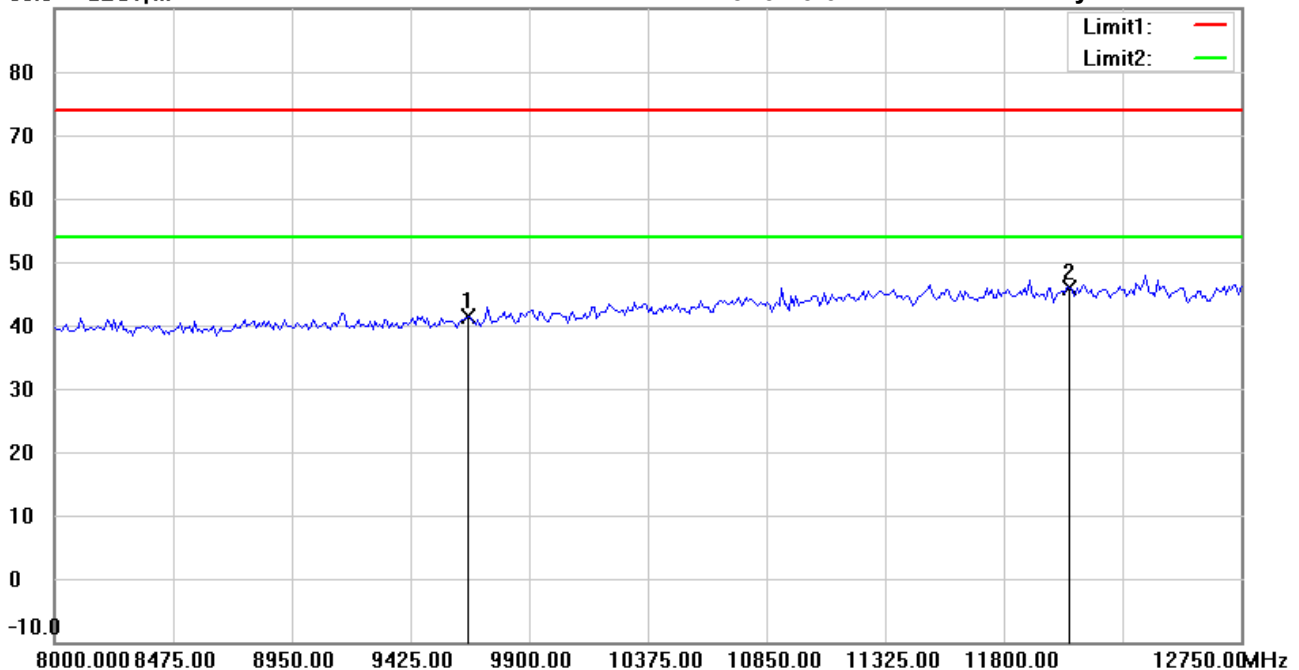
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:45:32 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9648.000        | 34.61          | peak     | 6.72                | 41.33           | 74.00          | 150          | 60             | -32.67      |         |
| *   | 12060.000       | 33.72          | peak     | 12.24               | 45.96           | 74.00          | 150          | 128            | -28.04      |         |

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



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

Operator: Vincent

File : 3

Data : #4

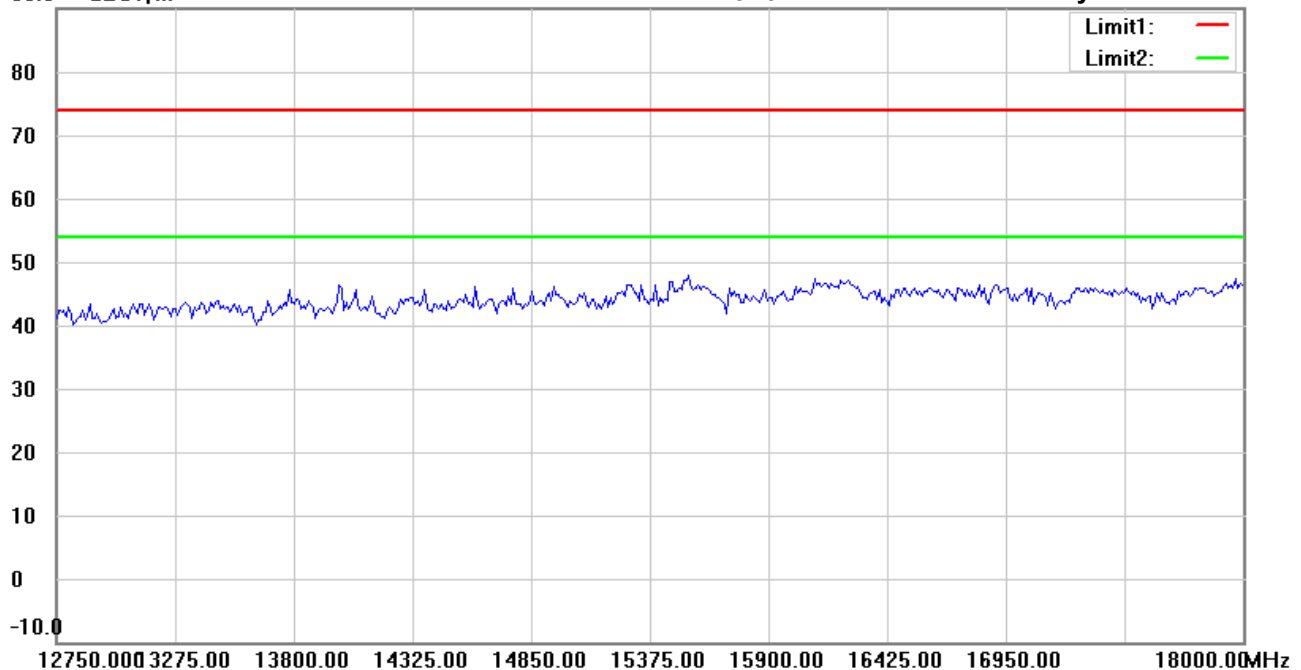
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:42:21 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH1

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: Vincent

File : 3

Data : #9

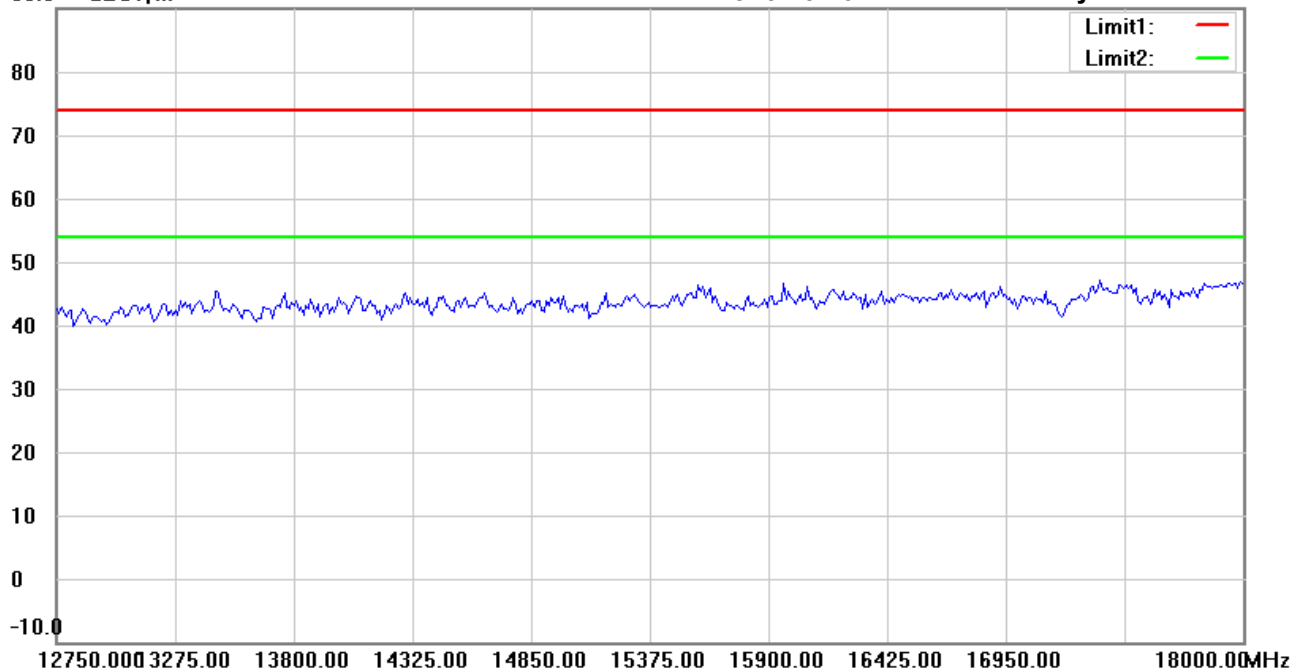
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:45:46 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH1

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: Vincent

File :3

Data :#5

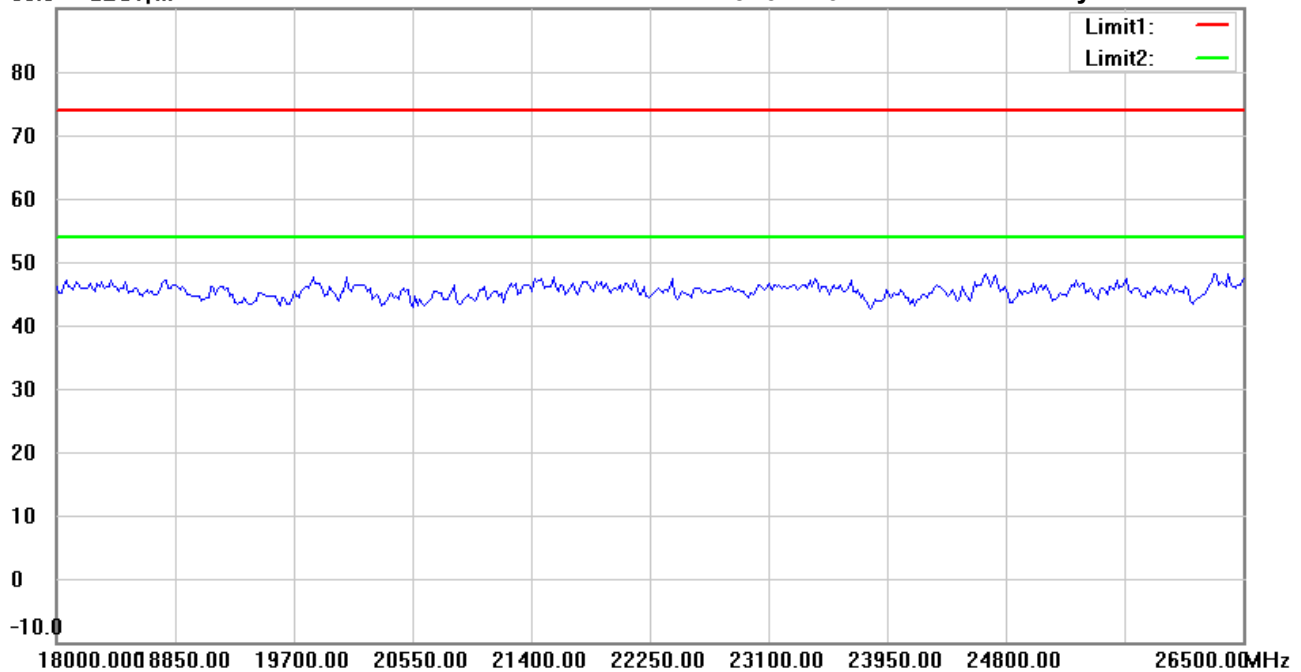
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:42:31 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH1

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: Vincent

File :3

Data :#10

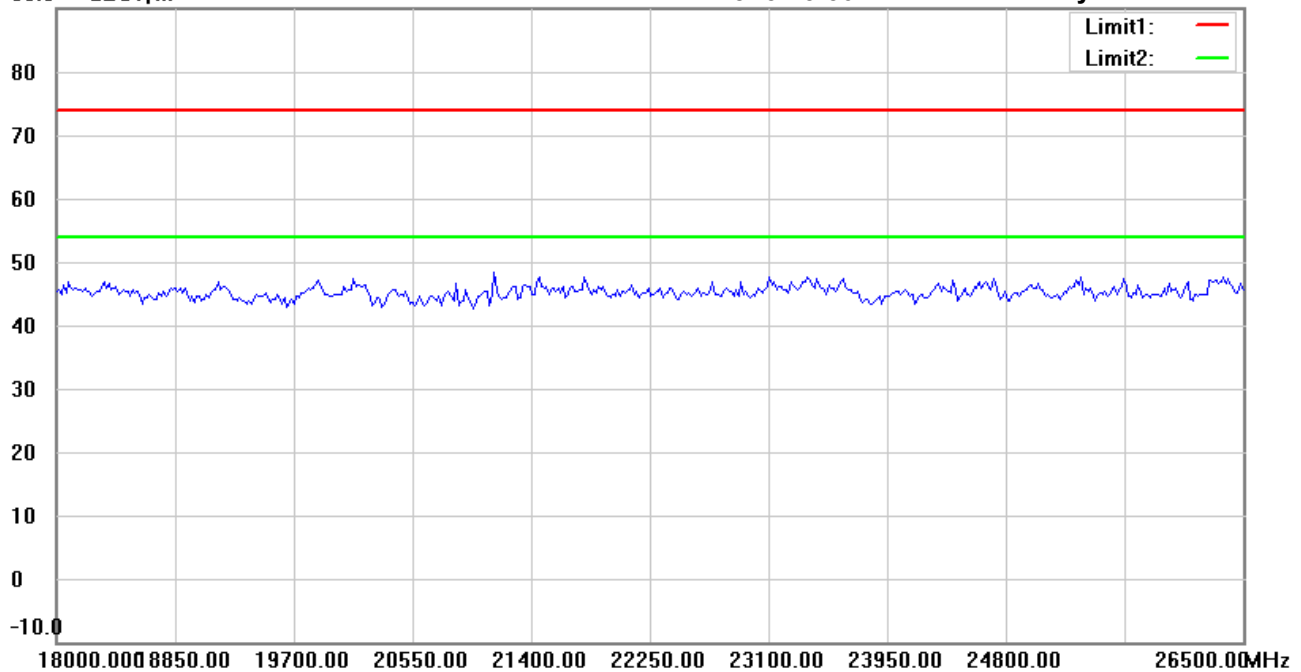
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 5:45:56 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH1

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: Vincent

File : 3

Data : #1

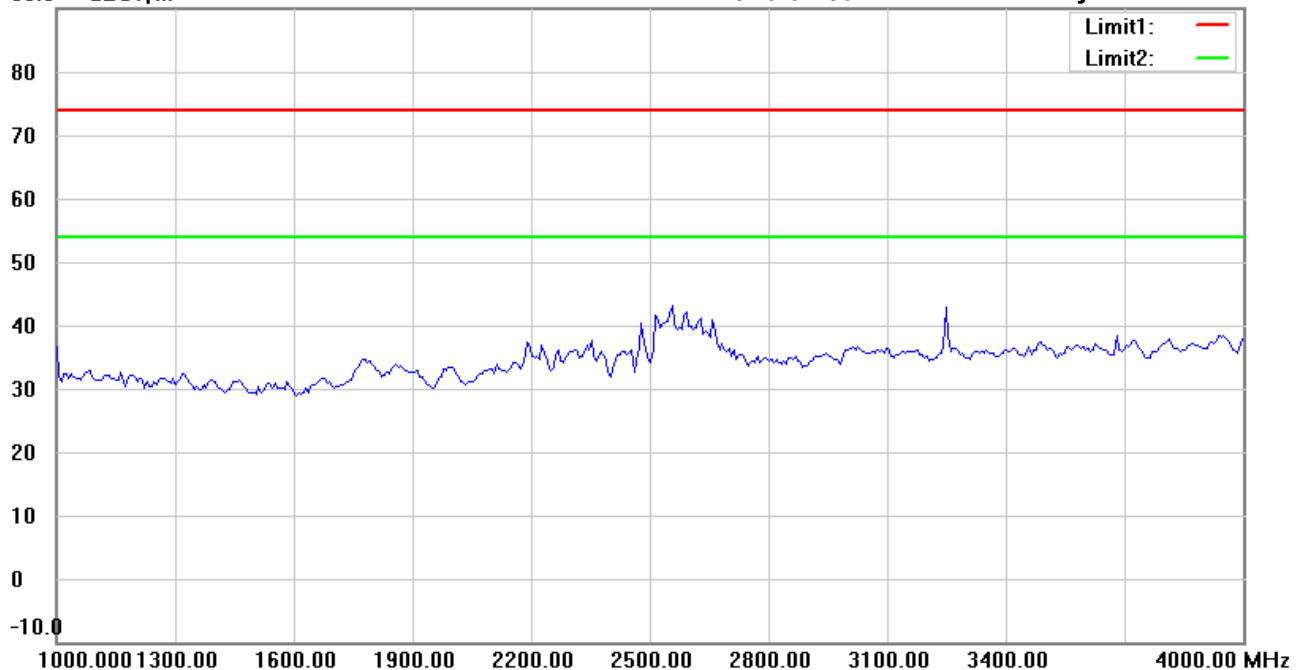
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:31:50 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH6

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: Vincent

File : 3

Data : #6

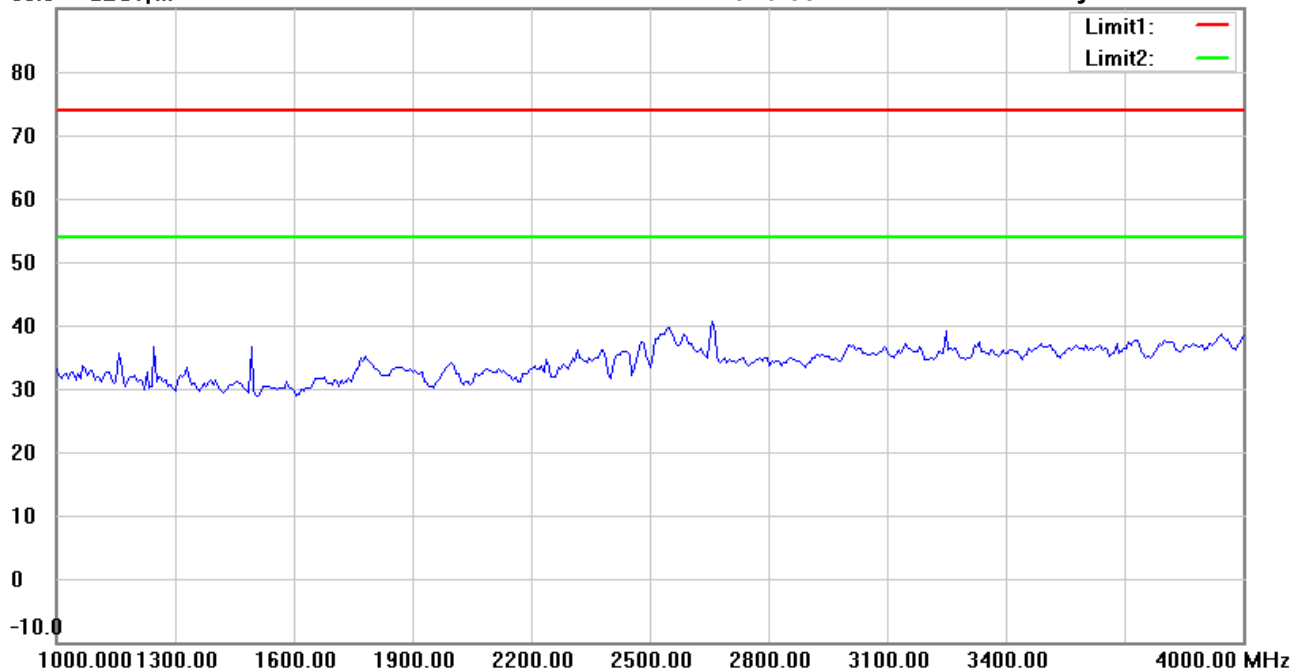
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:35:21 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH6

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: Vincent

File : 3

Data : #2

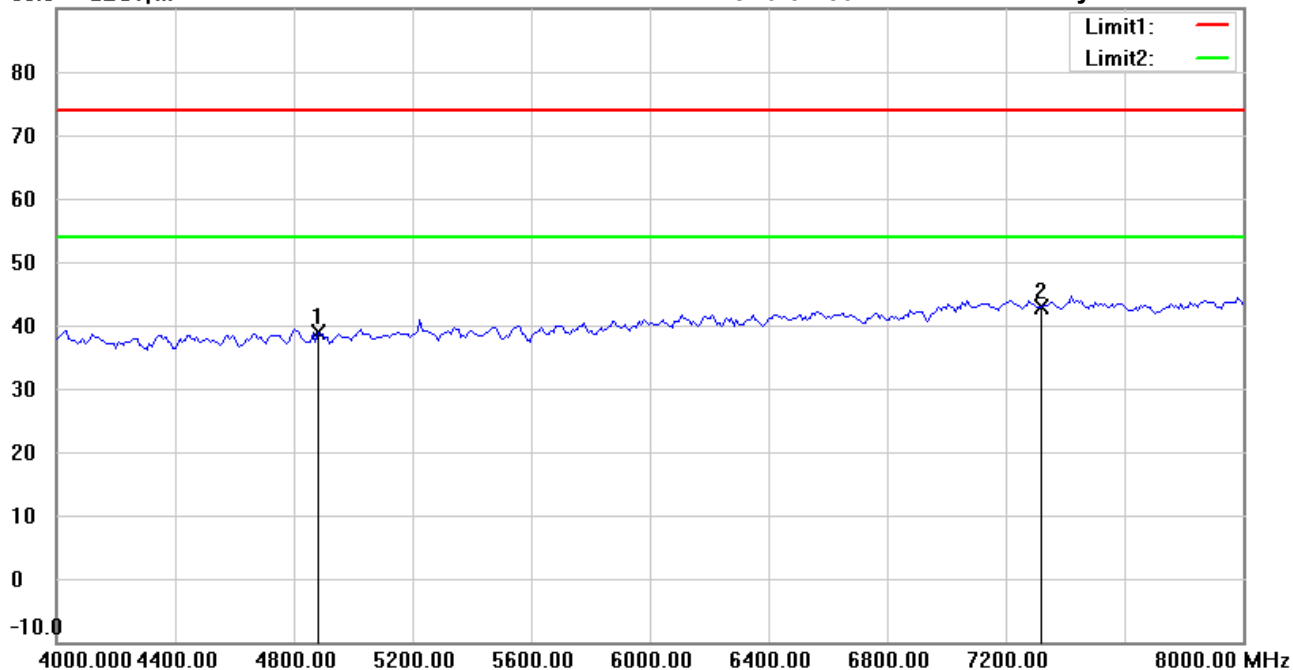
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:32:50 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4874.000        | 40.49          | peak     | -1.61               | 38.88           | 74.00          | 150          | 215            | -35.12      |         |
| *   | 7311.000        | 39.51          | peak     | 3.48                | 42.99           | 74.00          | 150          | 228            | -31.01      |         |

\*: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: Vincent

File : 3

Data : #7

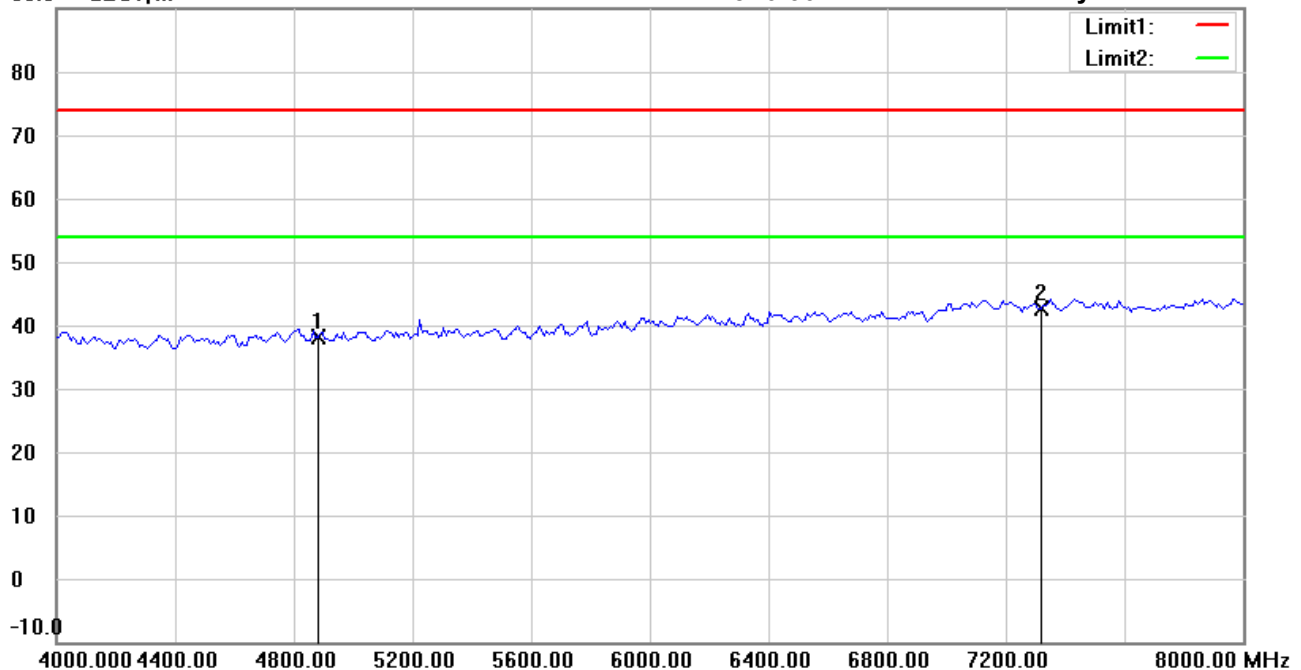
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:36:22 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4874.000        | 39.75          | peak     | -1.61               | 38.14           | 74.00          | 150          | 90             | -35.86      |         |
| *   | 7311.000        | 39.26          | peak     | 3.48                | 42.74           | 74.00          | 150          | 333            | -31.26      |         |

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

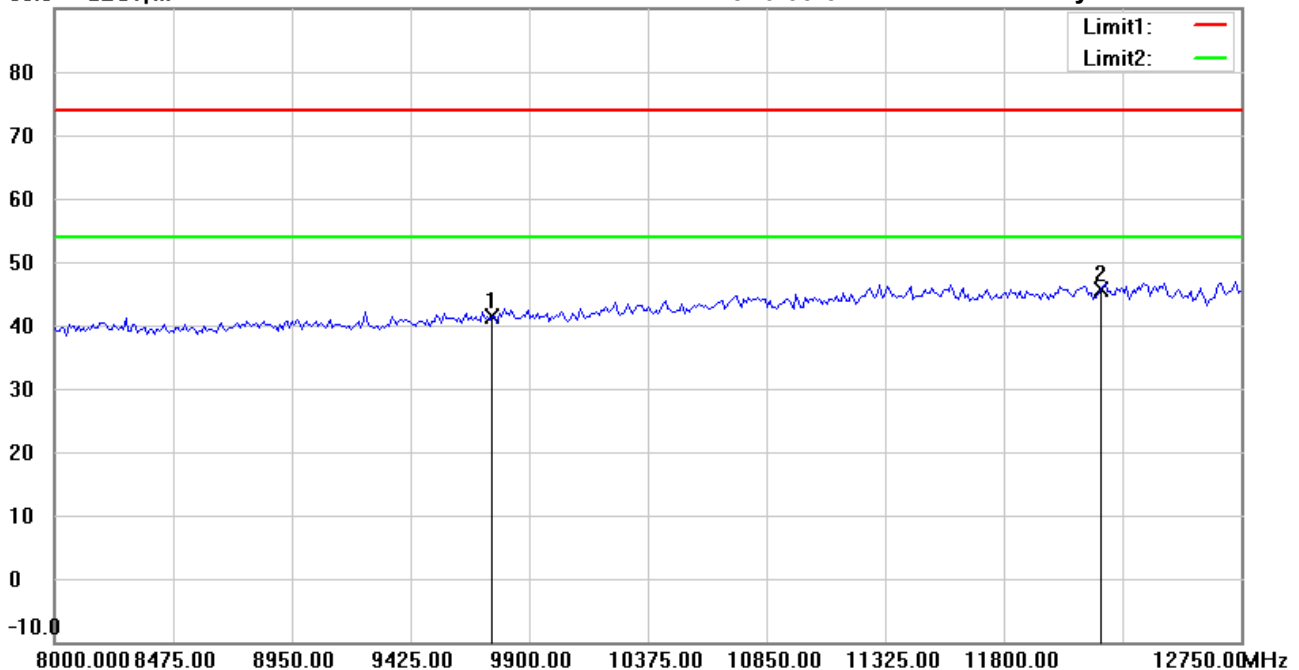
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:33:57 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9748.000        | 34.46          | peak     | 6.82                | 41.28           | 74.00          | 150          | 60             | -32.72      |         |
| *   | 12185.000       | 32.67          | peak     | 12.97               | 45.64           | 74.00          | 150          | 318            | -28.36      |         |

\*: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: Vincent

File :3

Data :#8

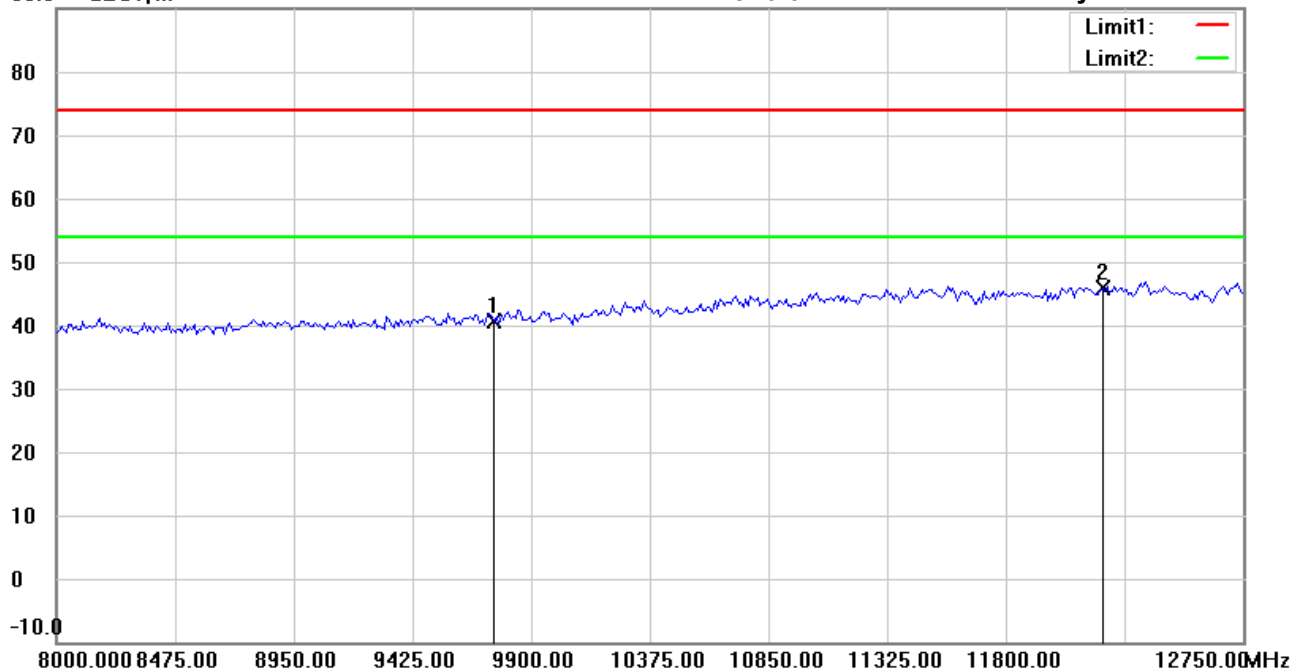
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:37:21 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9748.000        | 33.79          | peak     | 6.82                | 40.61           | 74.00          | 150          | 40             | -33.39      |         |
| *   | 12185.000       | 32.88          | peak     | 12.97               | 45.85           | 74.00          | 150          | 132            | -28.15      |         |

\*: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: Vincent

File : 3

Data : #4

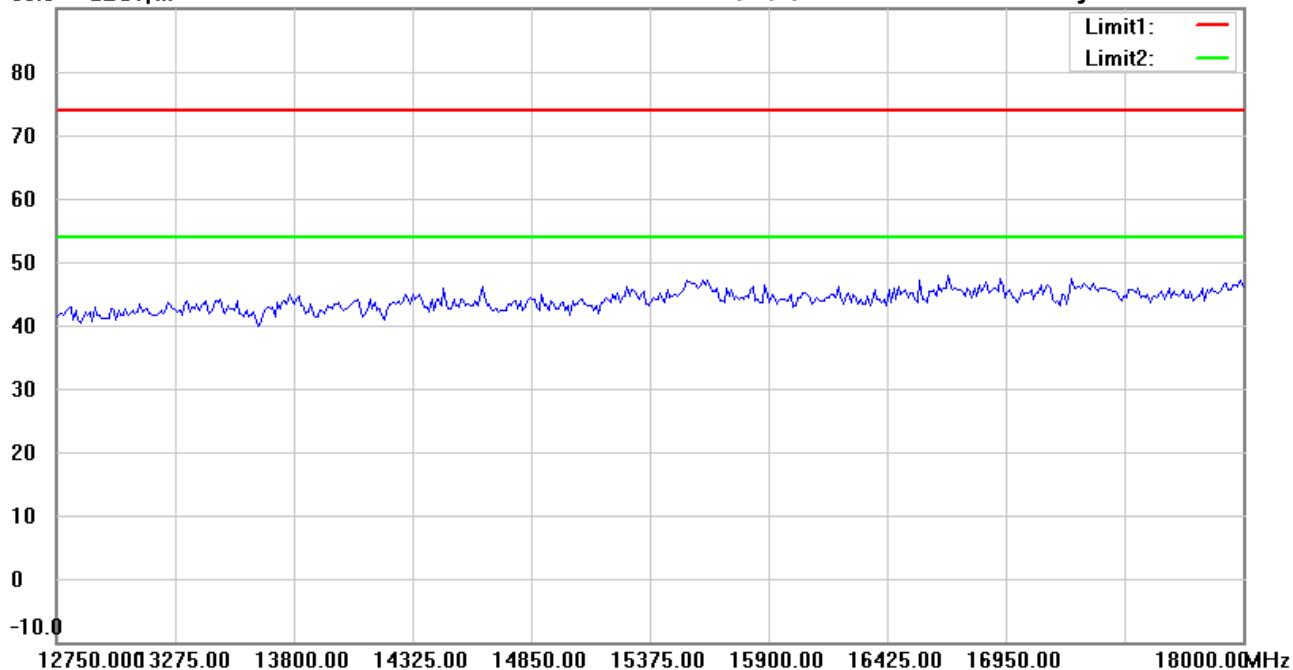
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:34:11 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH6

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: Vincent

File : 3

Data : #9

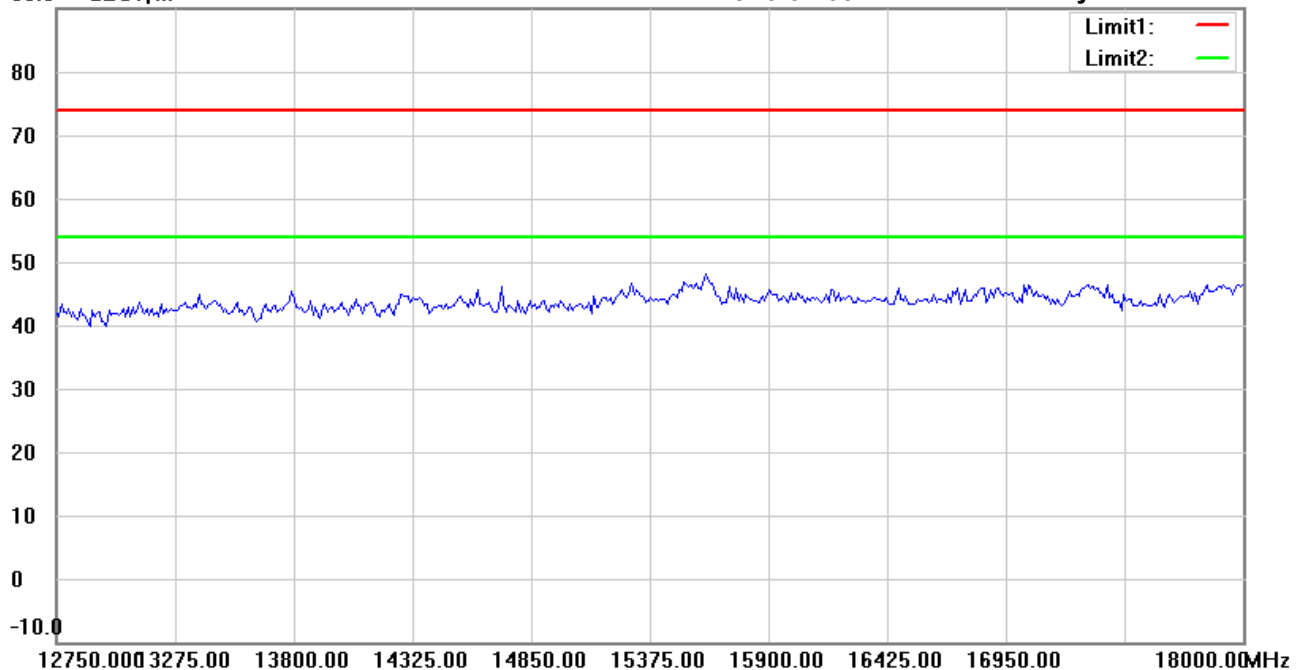
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:37:35 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH6

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: Vincent

File :3

Data :#5

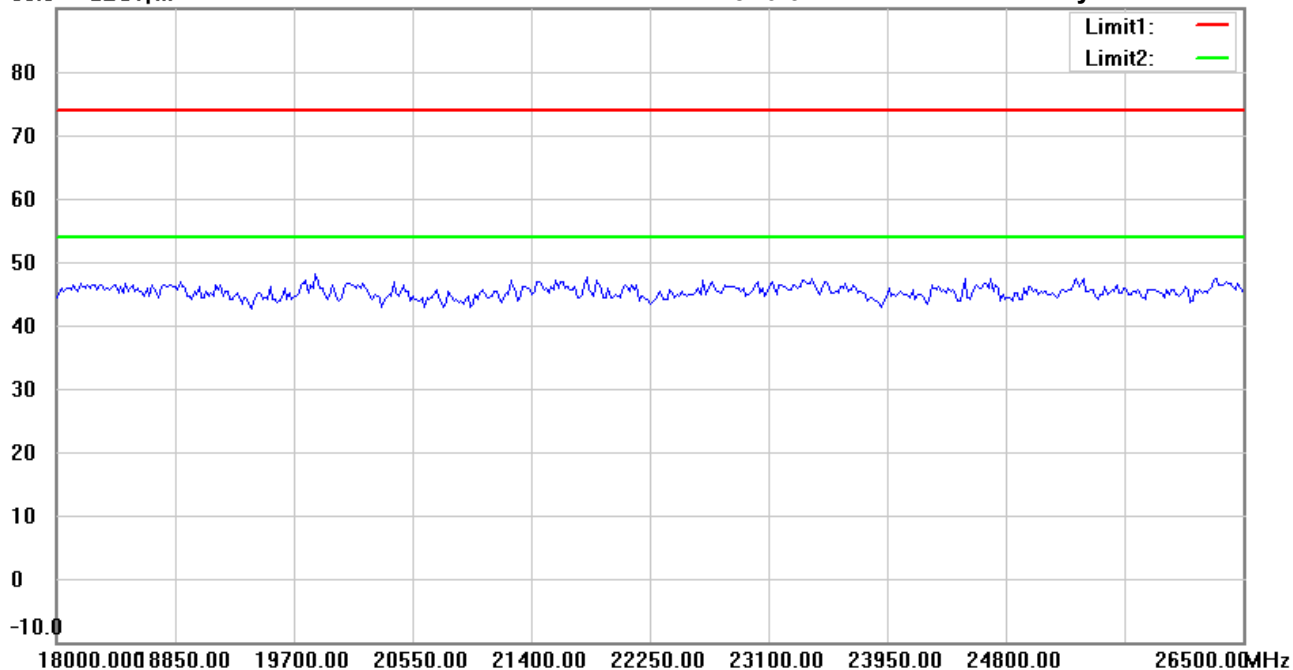
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:34:21 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH6

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: Vincent

File :3

Data :#10

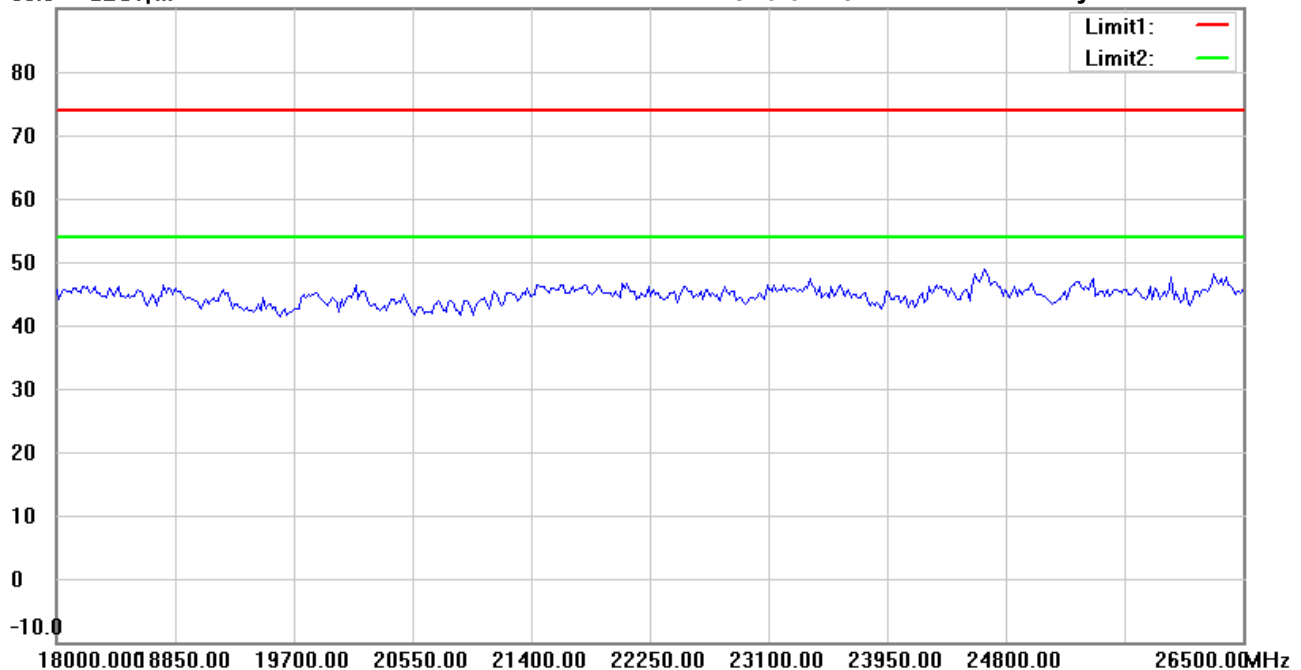
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:37:45 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH6

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: Vincent

File : 3

Data : #1

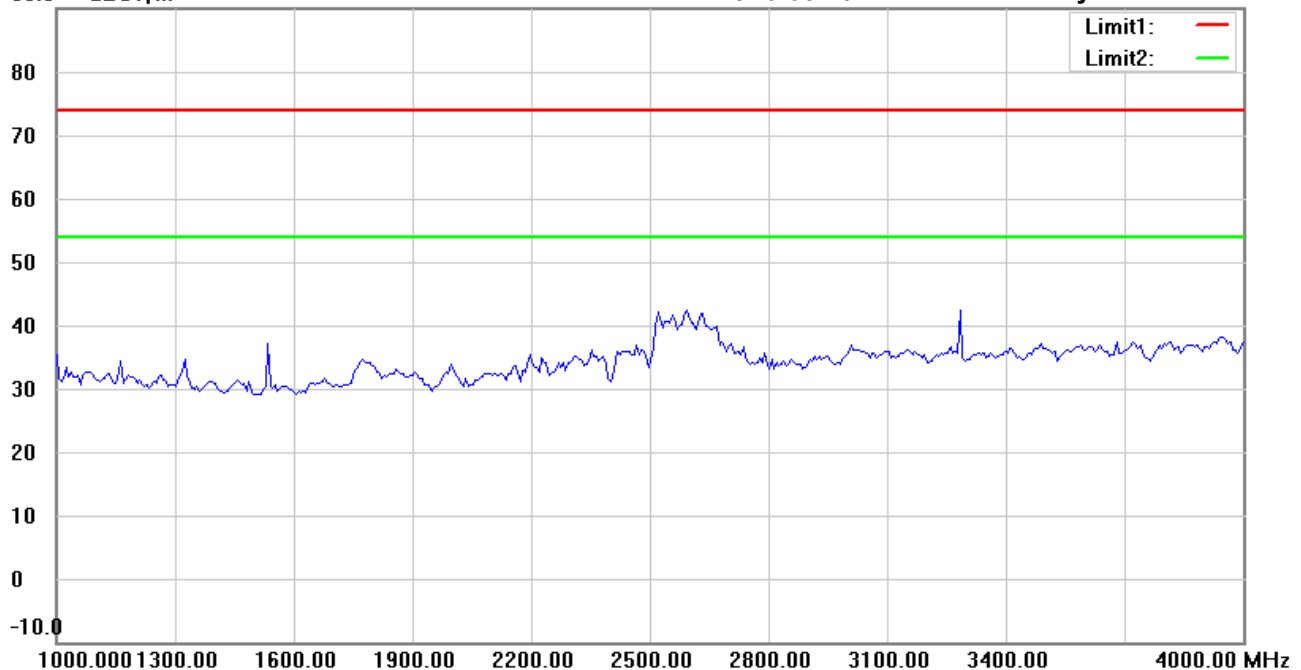
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:05:49 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH11

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: Vincent

File : 3

Data : #6

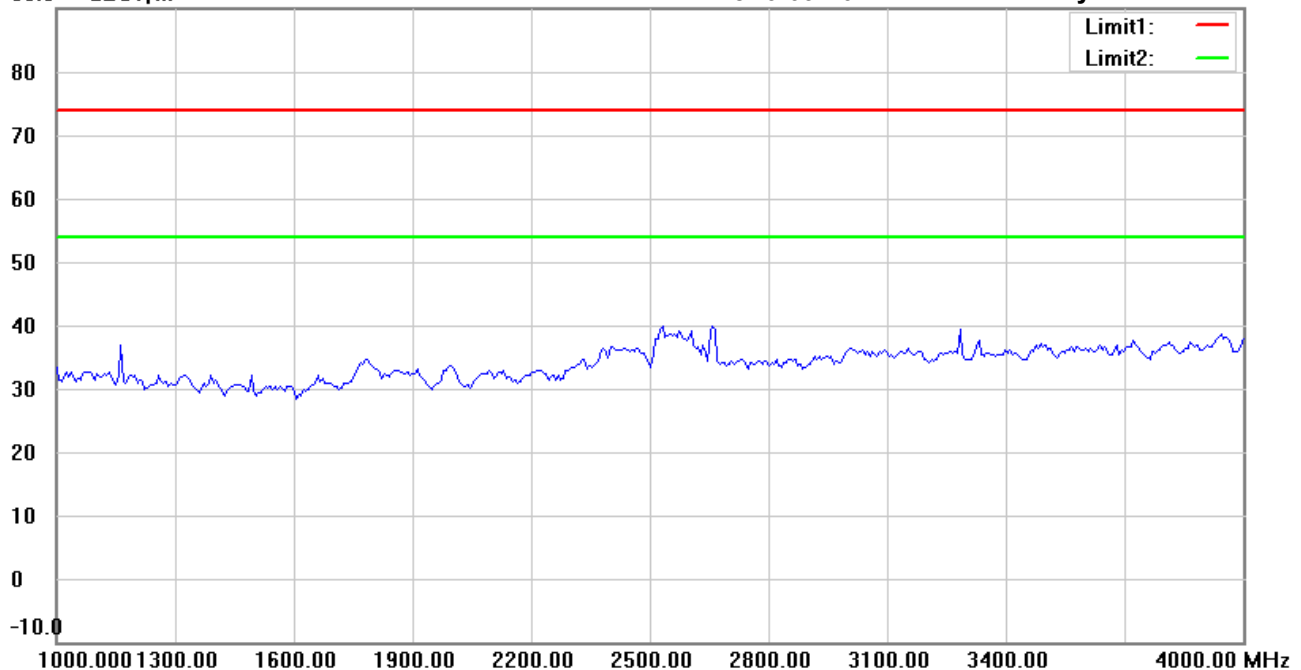
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:09:20 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH11

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: Vincent

File : 3

Data : #2

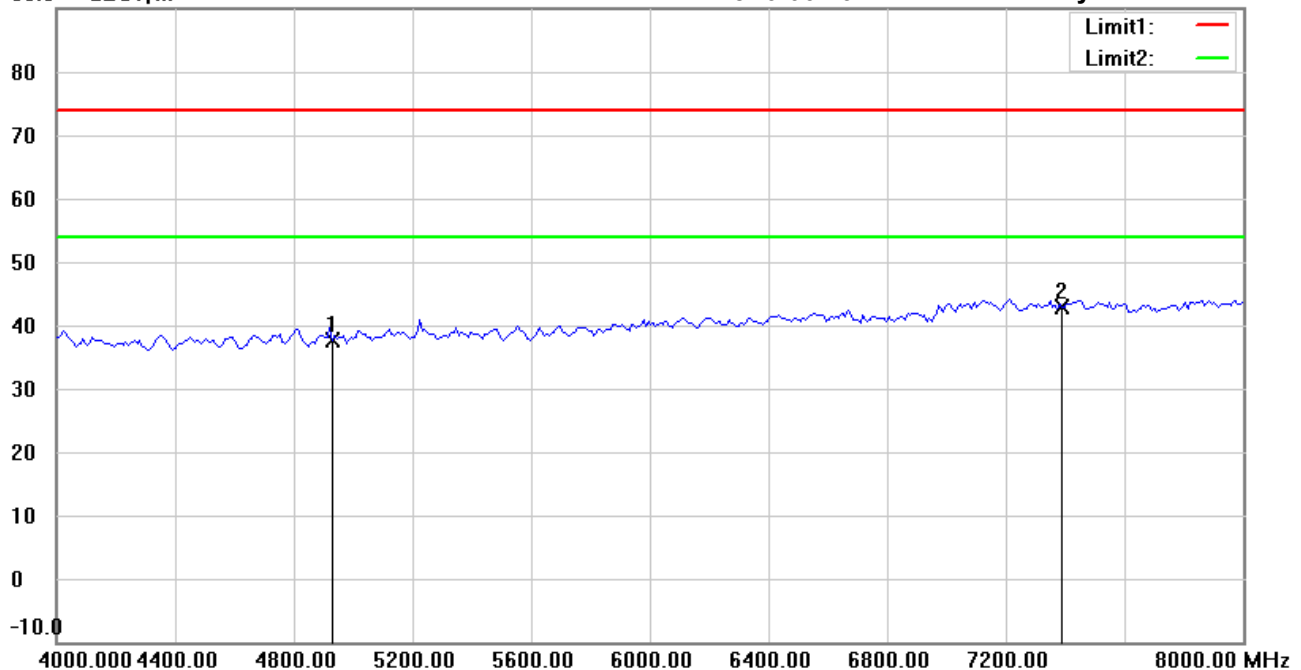
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:06:49 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4924.000        | 38.99          | peak     | -1.48               | 37.51           | 74.00          | 150          | 60             | -36.49      |         |
| *   | 7386.000        | 39.18          | peak     | 3.79                | 42.97           | 74.00          | 150          | 312            | -31.03      |         |

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



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# Radiated Emission Measurement

Operator: Vincent

File :3

Data :#7

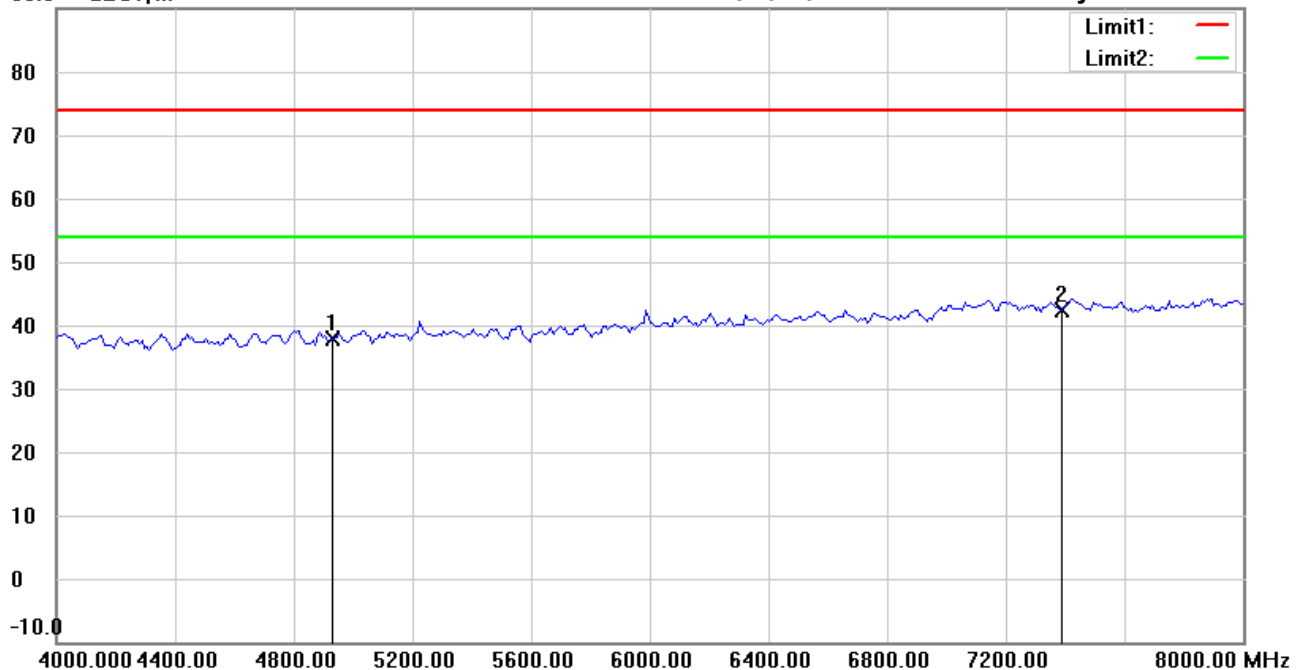
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:10:21 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4924.000        | 39.39          | peak     | -1.48               | 37.91           | 74.00          | 150          | 90             | -36.09      |         |
| *   | 7386.000        | 38.56          | peak     | 3.79                | 42.35           | 74.00          | 150          | 311            | -31.65      |         |

\*: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: Vincent

File :3

Data :#3

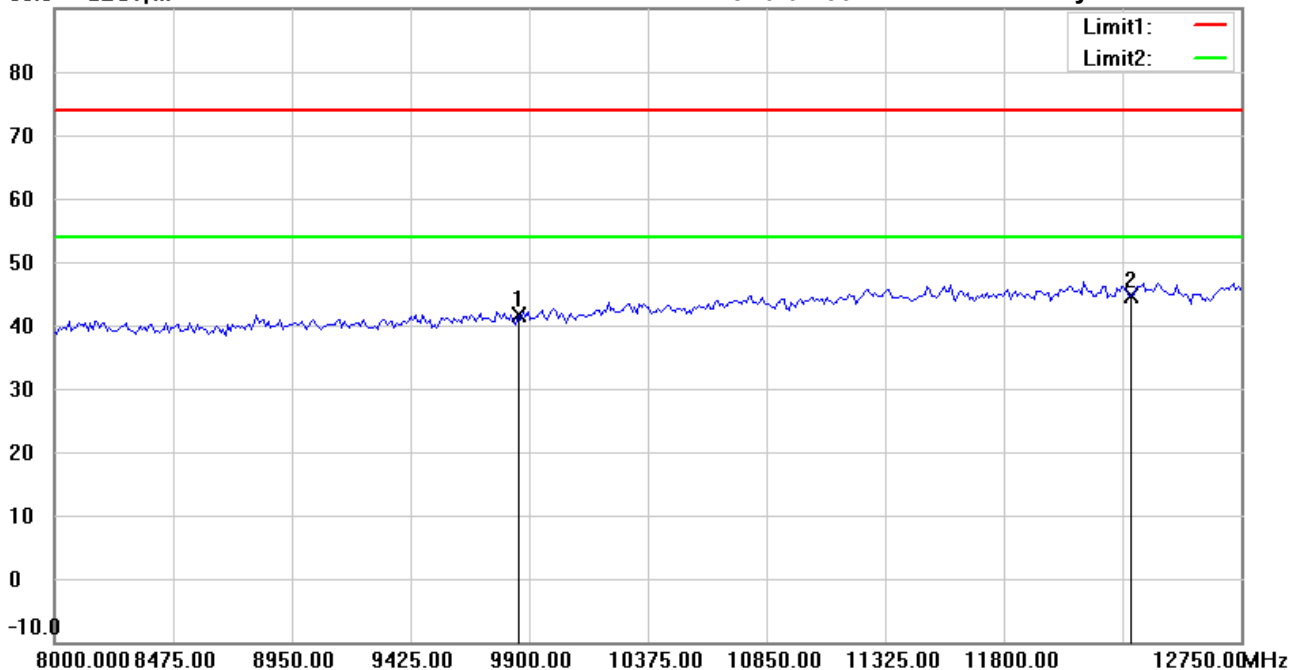
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:07:56 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9848.000        | 34.59          | peak     | 7.04                | 41.63           | 74.00          | 150          | 80             | -32.37      |         |
| *   | 12310.000       | 32.25          | peak     | 12.28               | 44.53           | 74.00          | 150          | 147            | -29.47      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

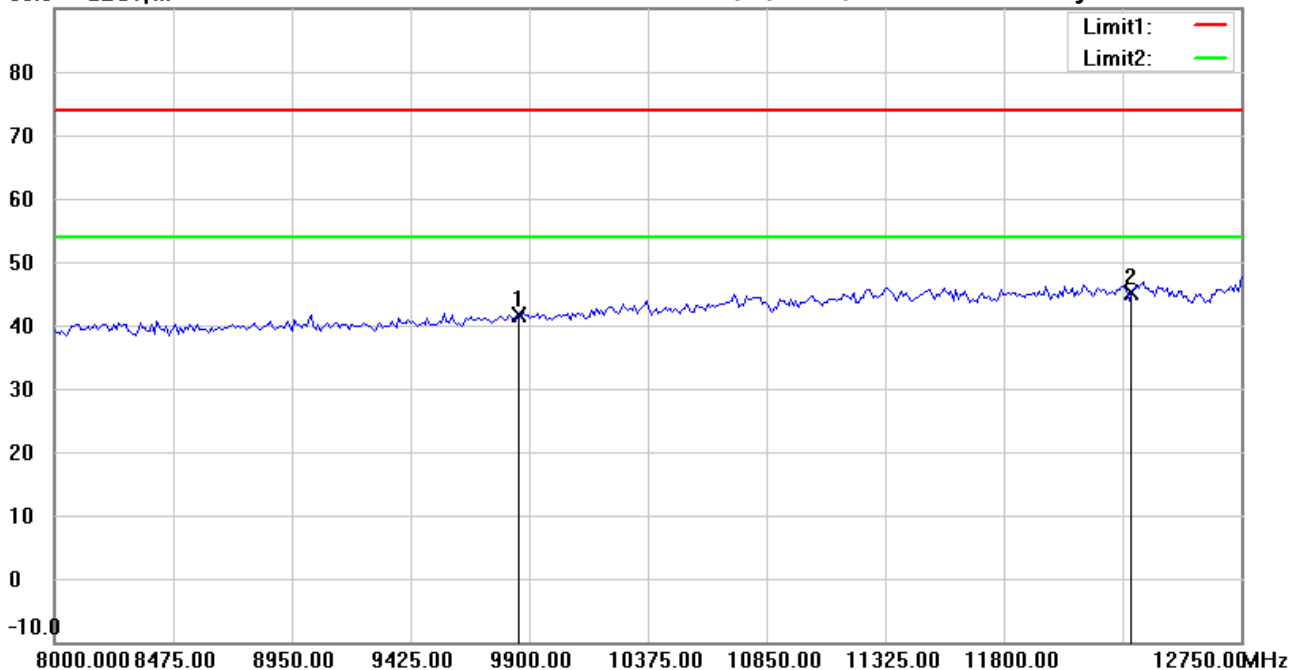
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:11:20 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9848.000        | 34.47          | peak     | 7.04                | 41.51           | 74.00          | 150          | 40             | -32.49      |         |
| *   | 12310.000       | 32.76          | peak     | 12.28               | 45.04           | 74.00          | 150          | 126            | -28.96      |         |

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



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

Operator: Vincent

File :3

Data :#4

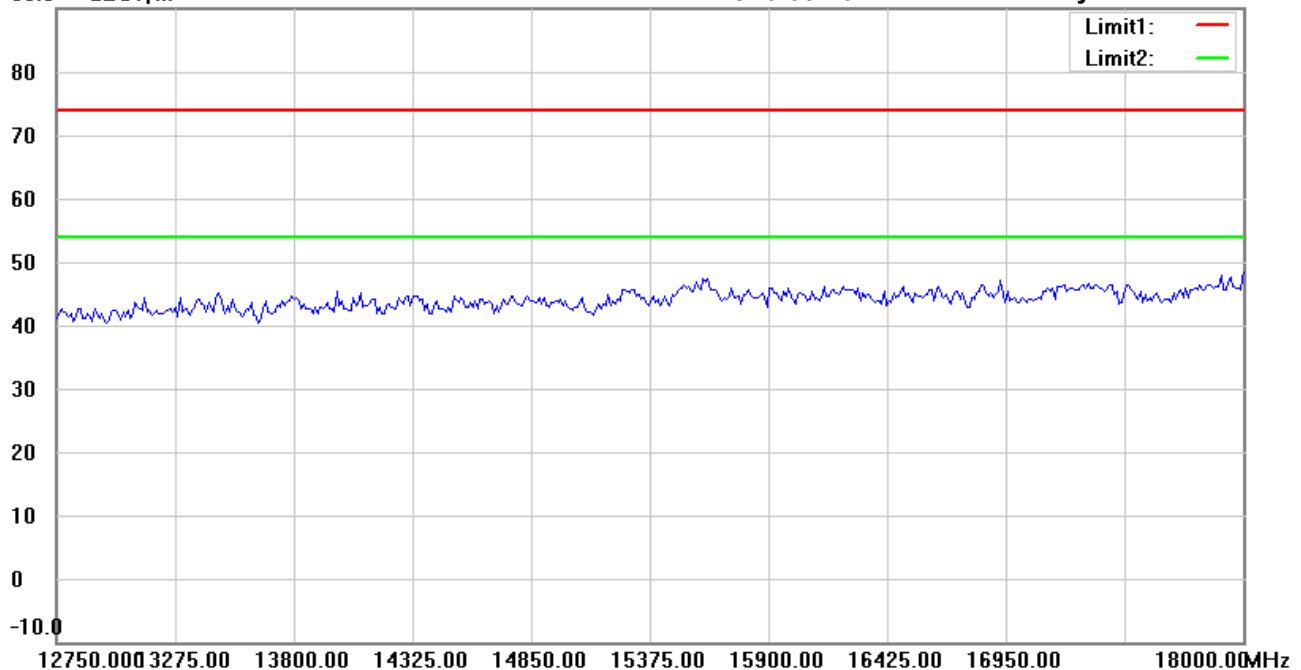
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:08:10 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH11

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: Vincent

File : 3

Data : #9

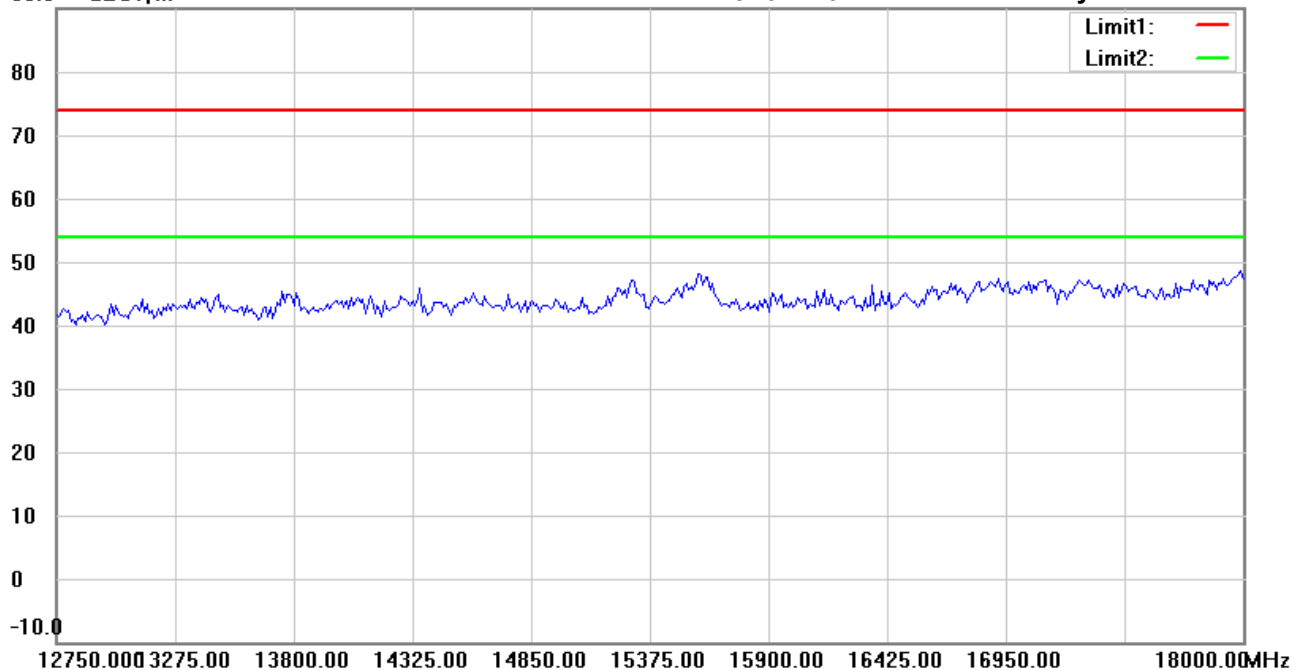
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:11:34 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH11

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: Vincent

File : 3

Data : #5

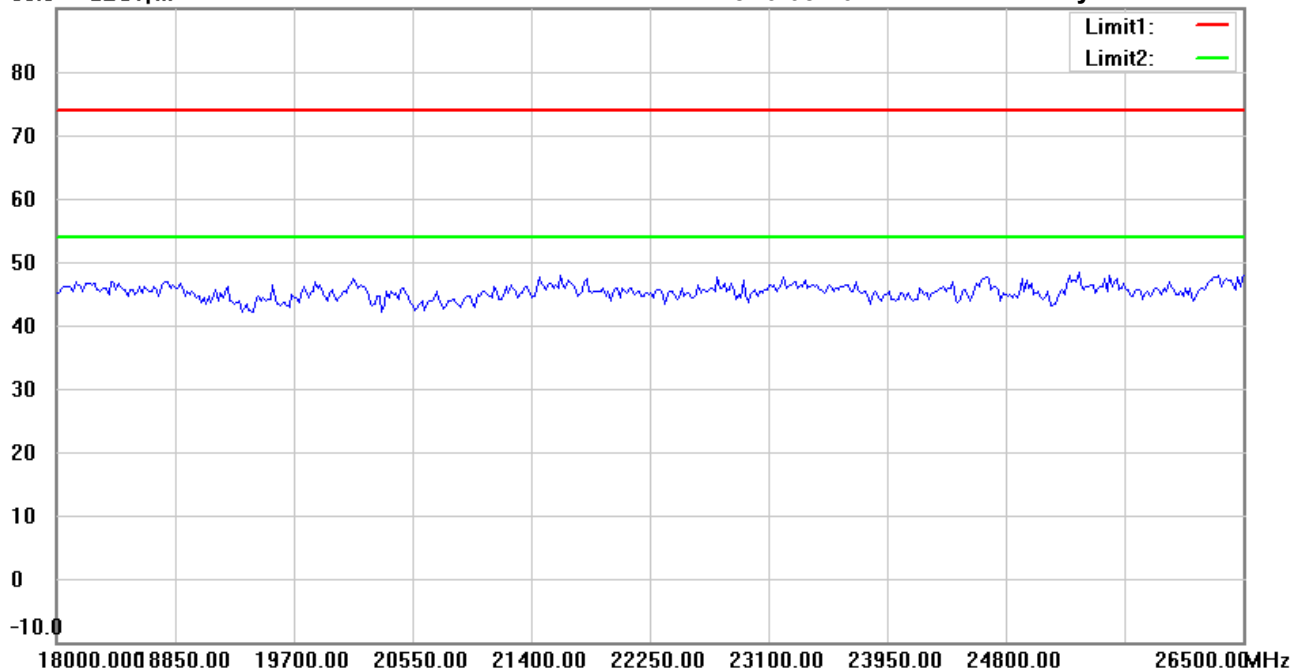
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:08:20 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH11

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: Vincent

File : 3

Data : #10

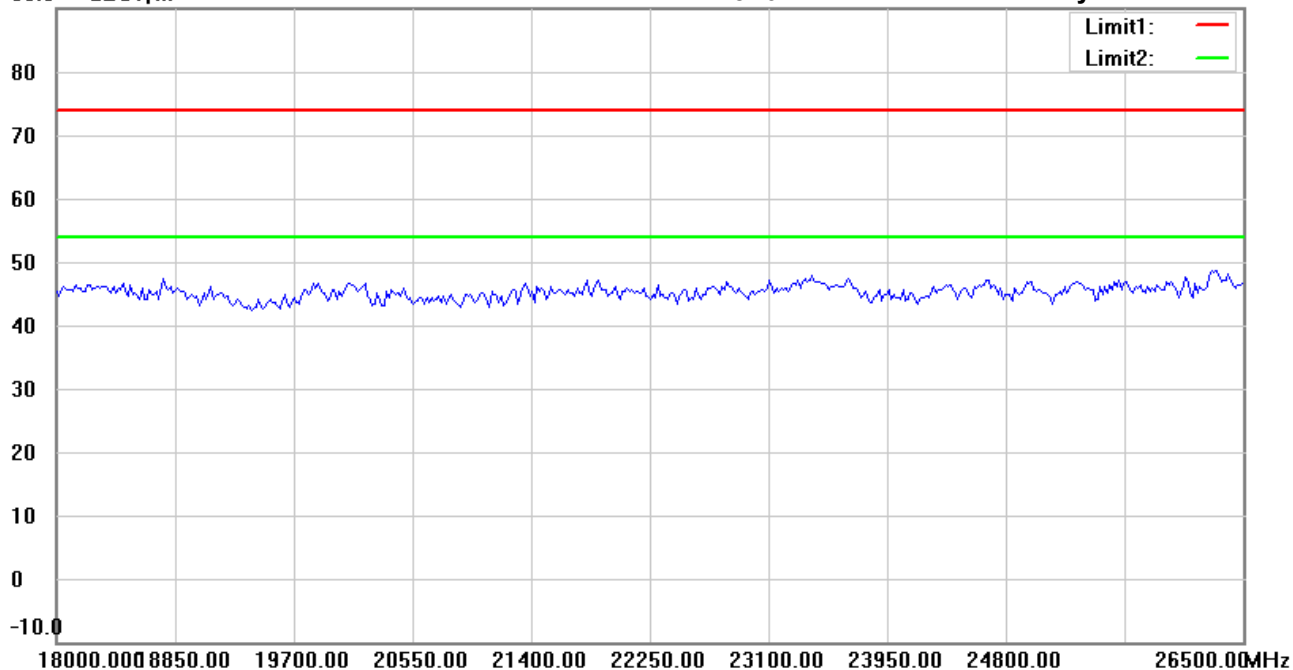
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:11:44 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11g CH11

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: Vincent

File : 3

Data : #1

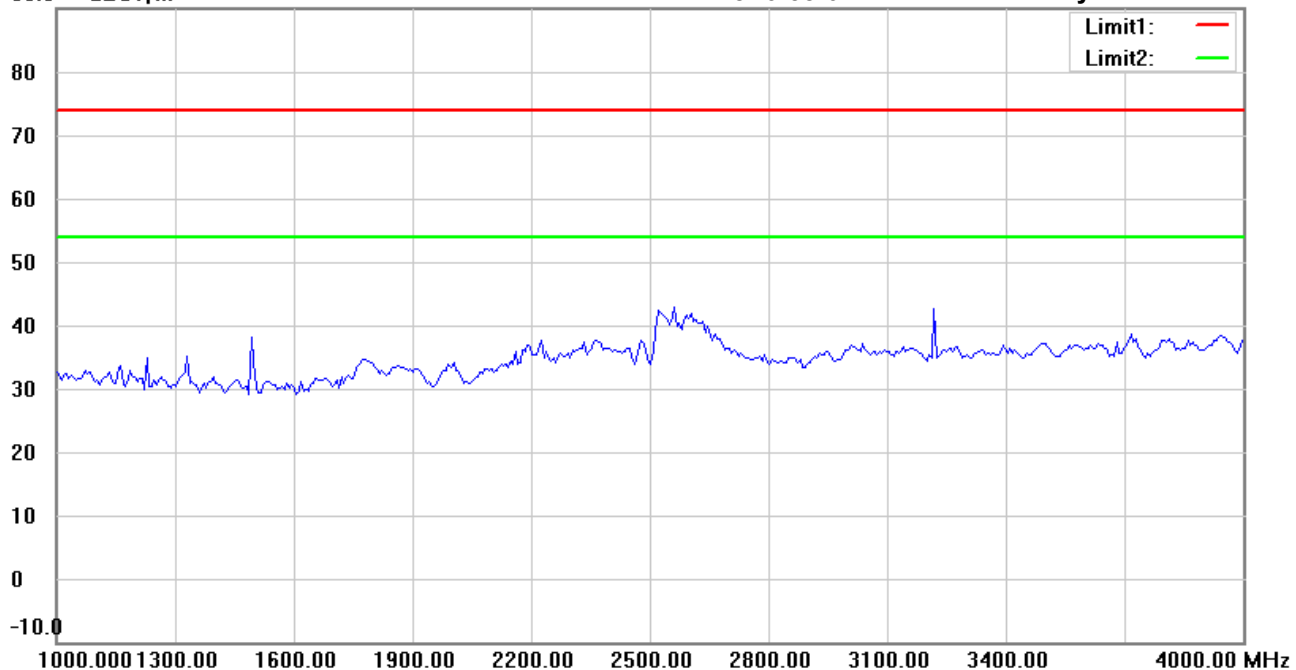
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:58:02 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH1

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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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

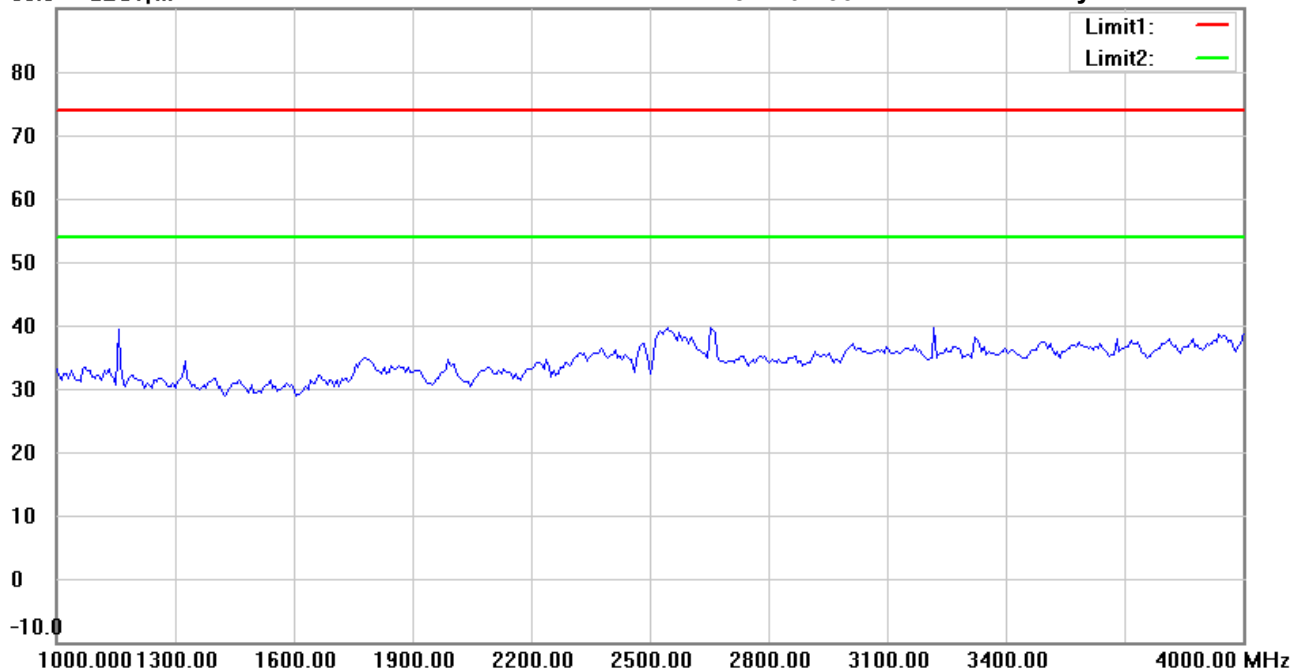
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:01:33 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH1

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: Vincent

File :3

Data :#2

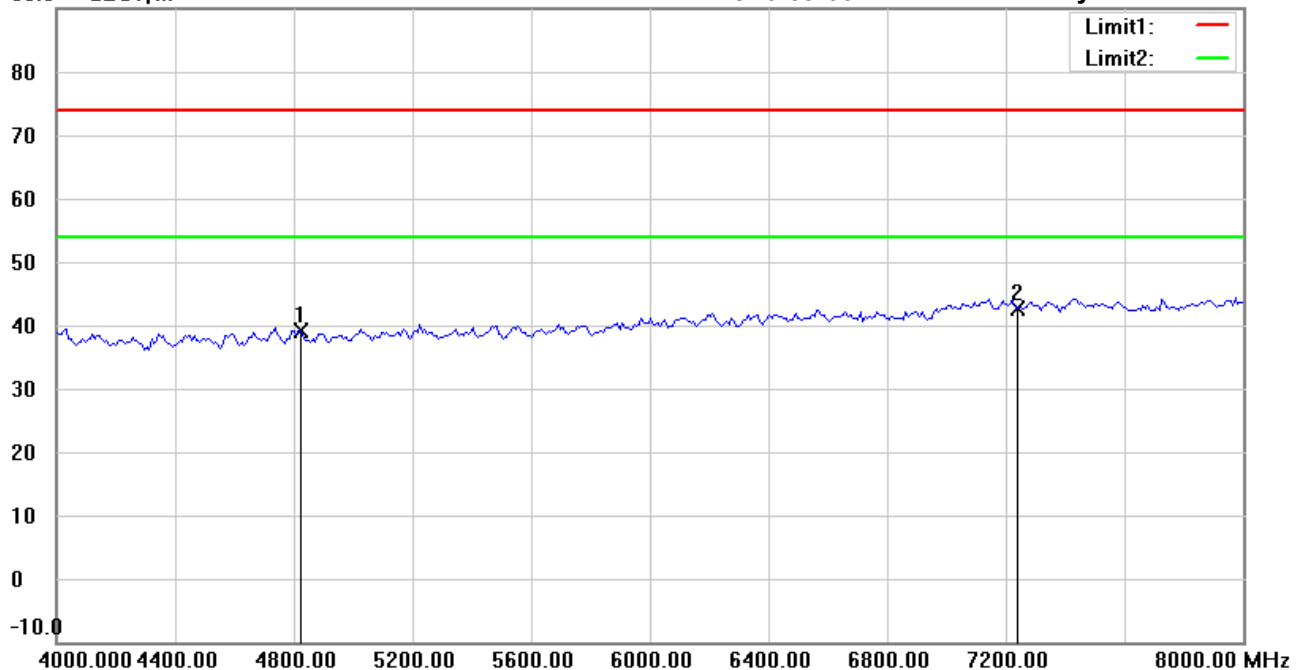
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 6:59:03 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4824.000        | 40.88          | peak     | -1.71               | 39.17           | 74.00          | 150          | 221            | -34.83      |         |
| *   | 7236.000        | 39.34          | peak     | 3.35                | 42.69           | 74.00          | 150          | 246            | -31.31      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8879

# Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

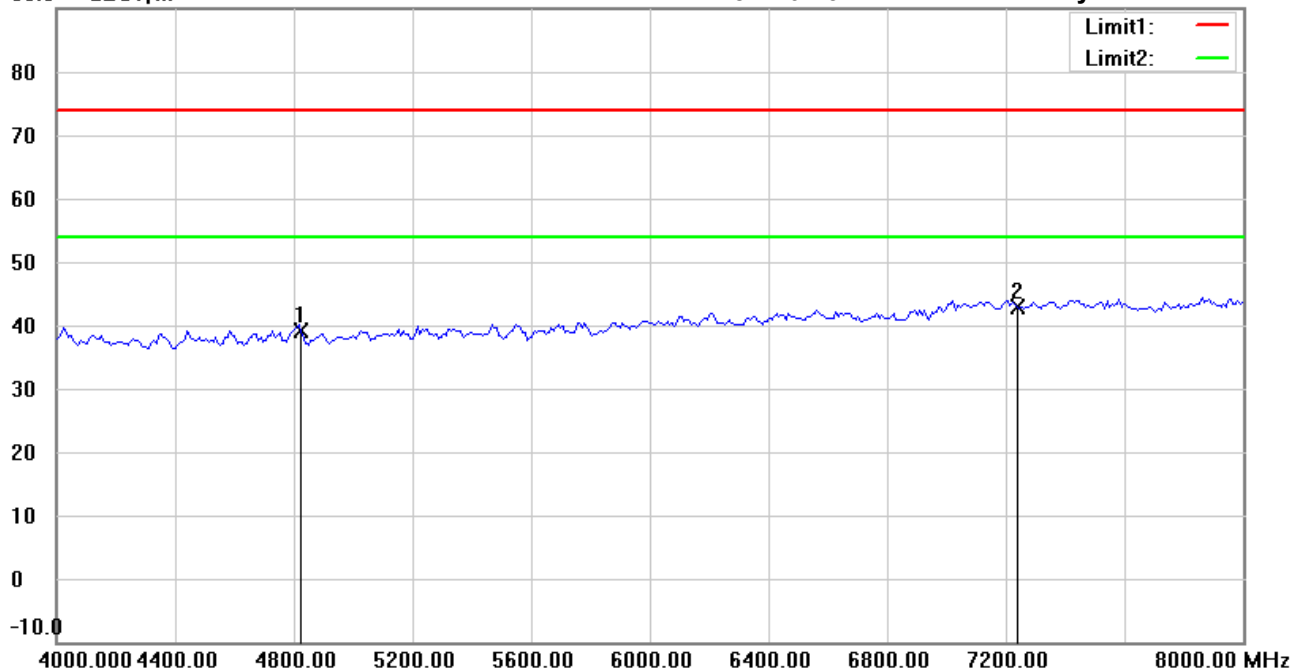
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:02:34 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4824.000        | 40.74          | peak     | -1.71               | 39.03           | 74.00          | 150          | 233            | -34.97      |         |
| *   | 7236.000        | 39.48          | peak     | 3.35                | 42.83           | 74.00          | 150          | 164            | -31.17      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

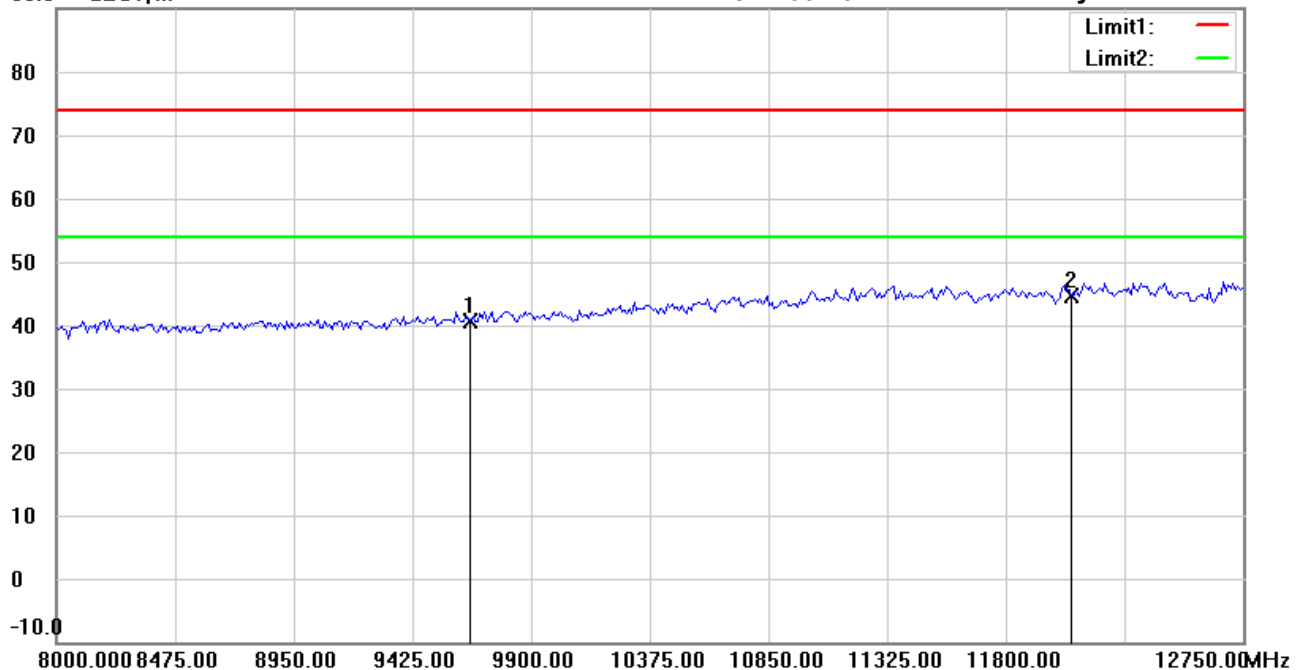
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:00:10 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9648.000        | 33.97          | peak     | 6.72                | 40.69           | 74.00          | 150          | 229            | -33.31      |         |
| *   | 12060.000       | 32.47          | peak     | 12.24               | 44.71           | 74.00          | 150          | 173            | -29.29      |         |

\*: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: Vincent

File :3

Data :#8

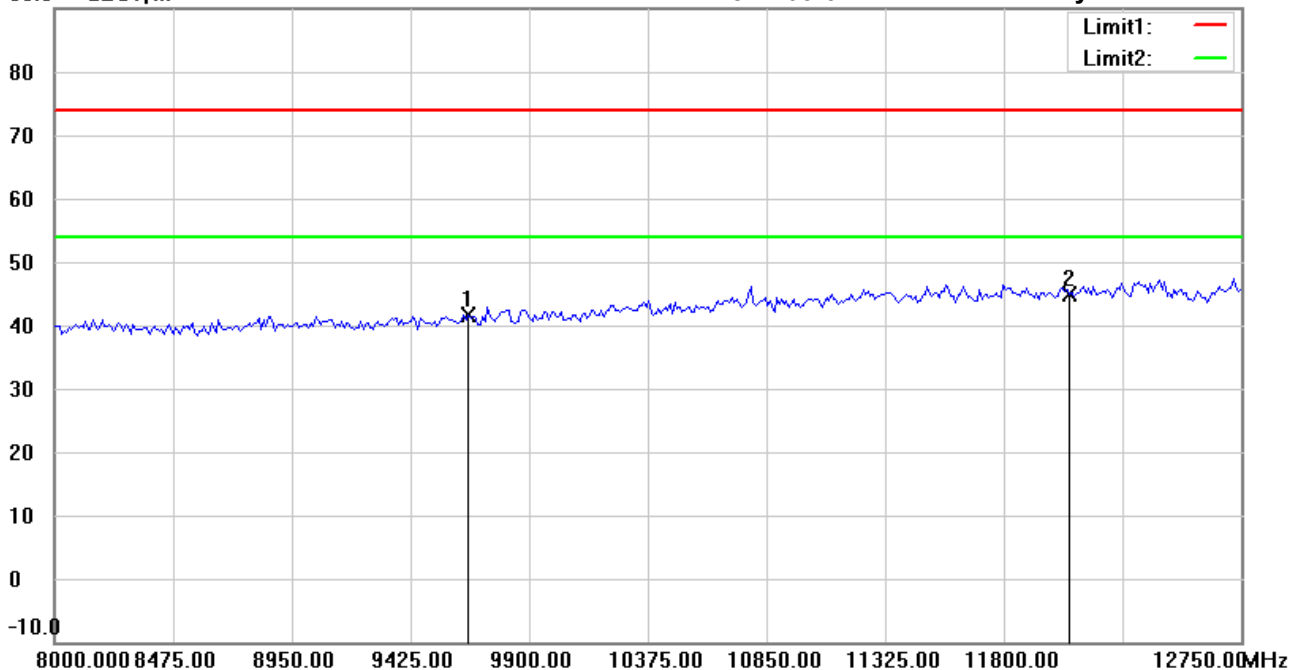
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:03:34 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9648.000        | 34.83          | peak     | 6.72                | 41.55           | 74.00          | 150          | 218            | -32.45      |         |
| *   | 12060.000       | 32.75          | peak     | 12.24               | 44.99           | 74.00          | 150          | 90             | -29.01      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #4

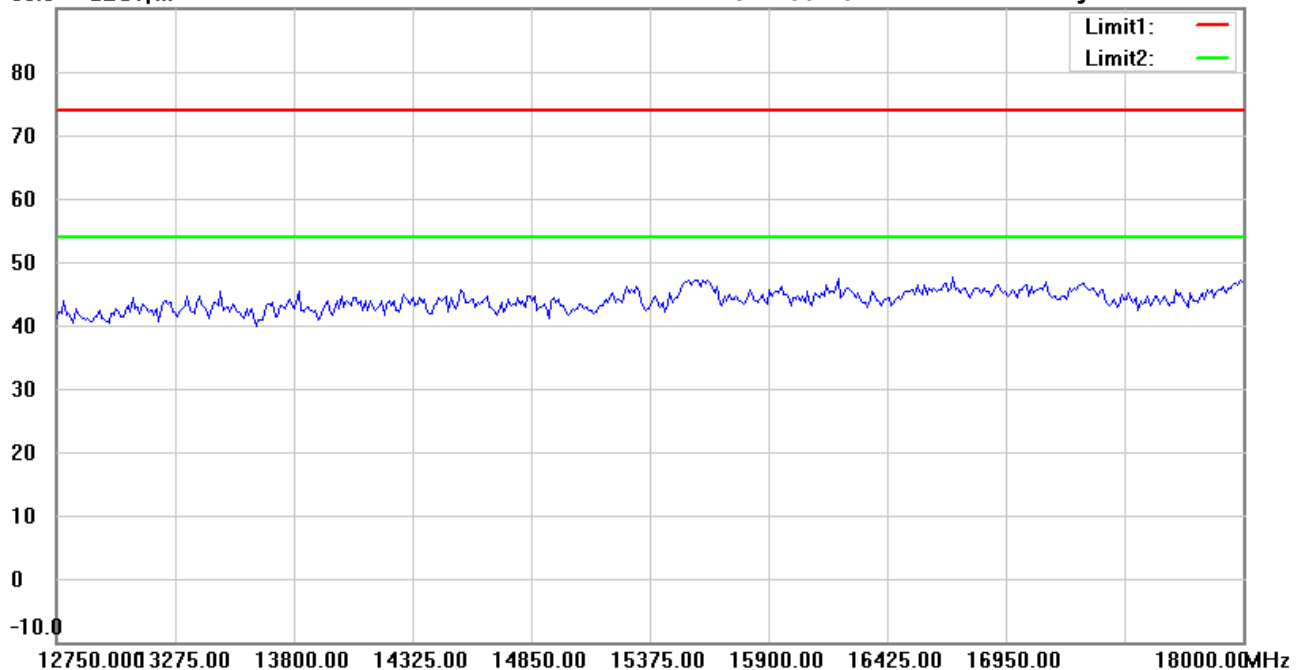
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:00:23 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH1

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: Vincent

File : 3

Data : #9

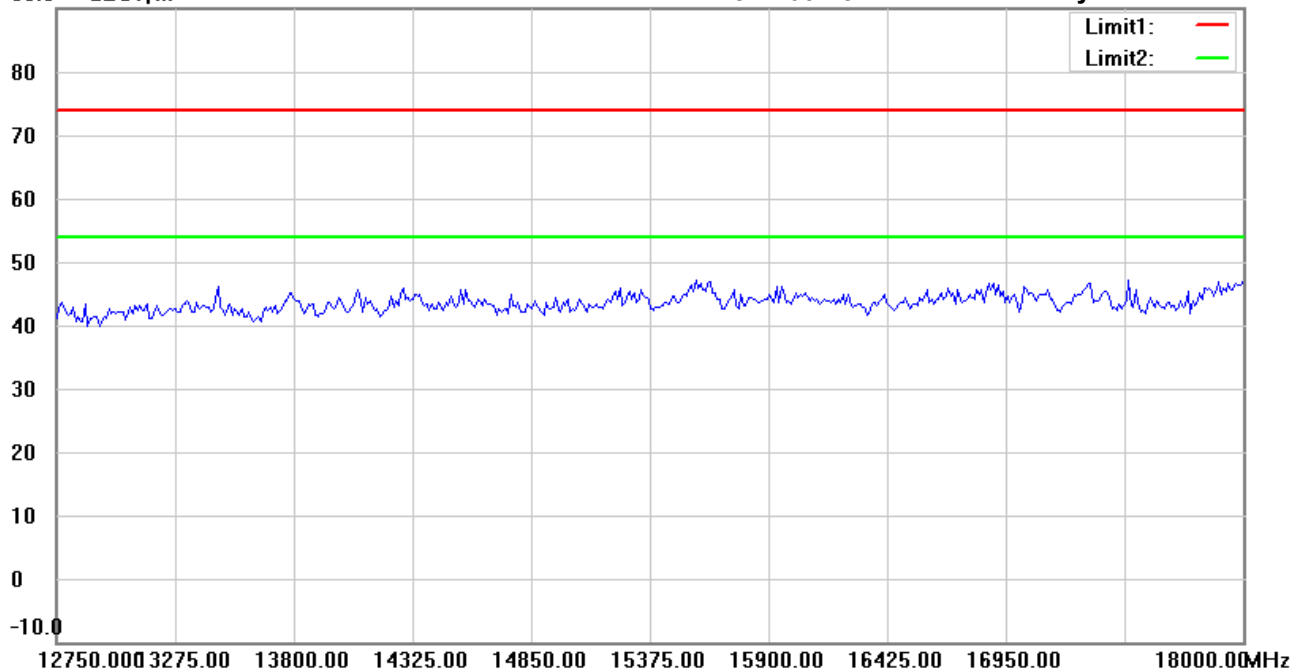
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:03:48 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH1

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: Vincent

File :3

Data :#5

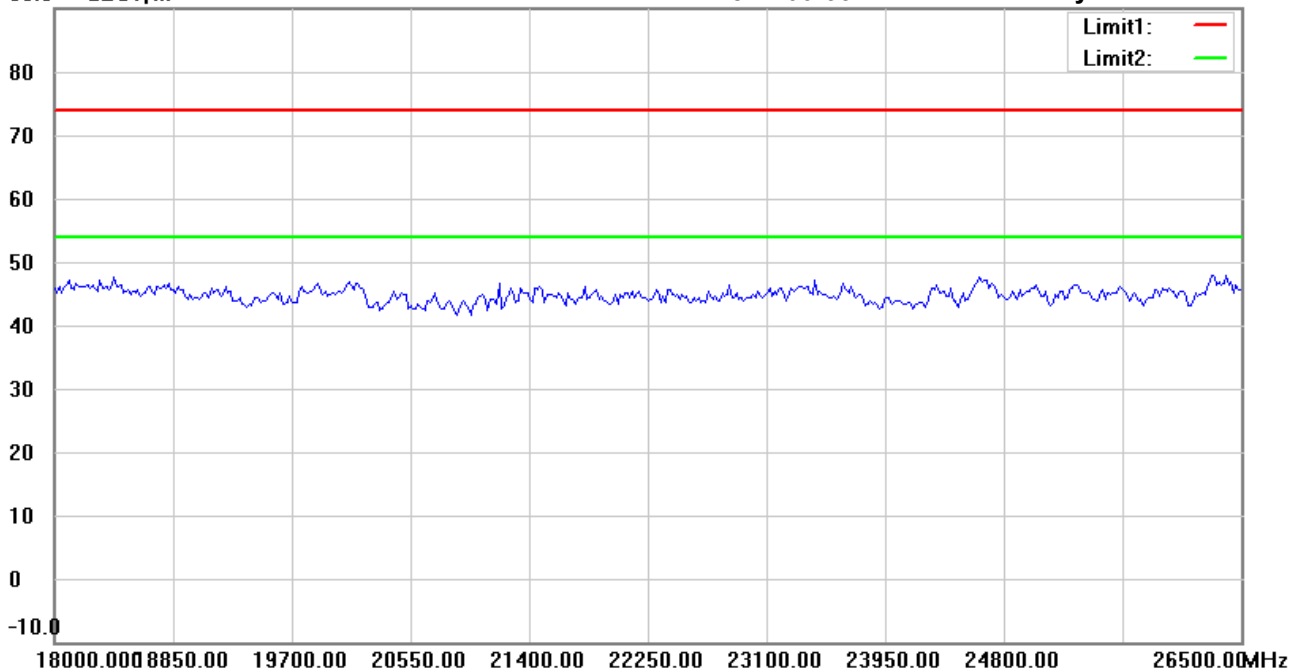
Date: 3/27/2021

Temperature: 24 °C

Time: 7:00:33 PM

Humidity: 57.5 %

90.0 dBuV/m



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH1

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: Vincent

File : 3

Data : #10

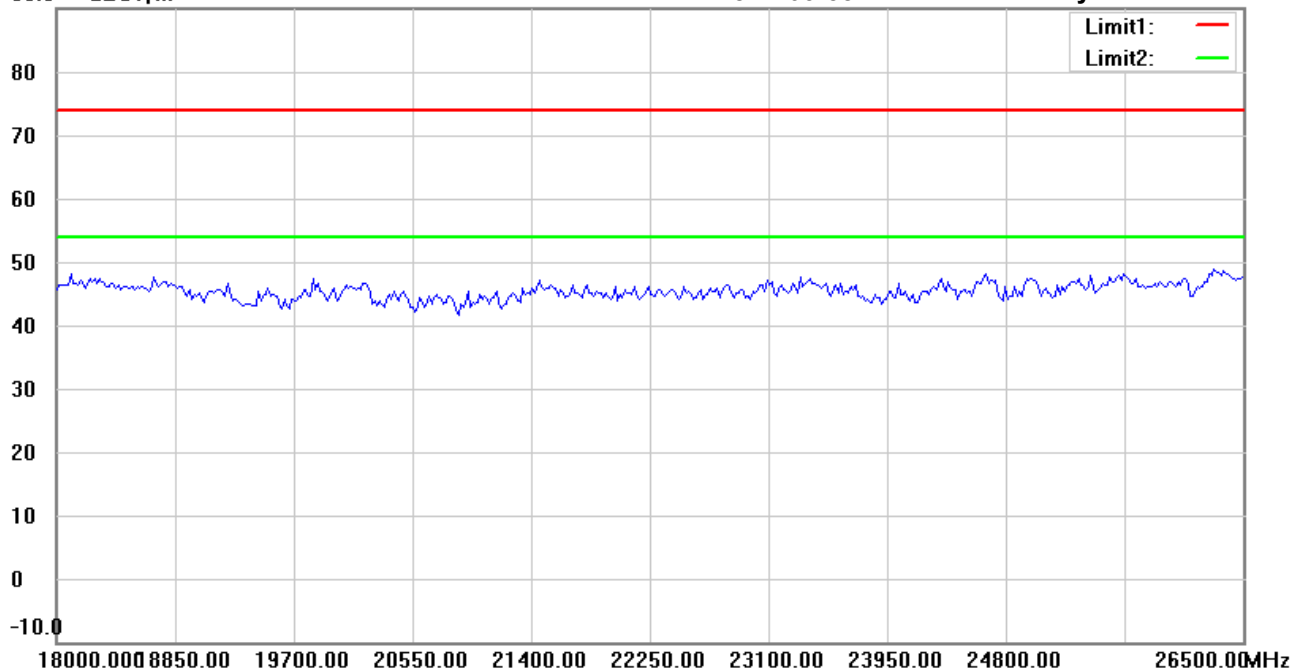
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:03:58 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH1

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: Vincent

File : 3

Data : #1

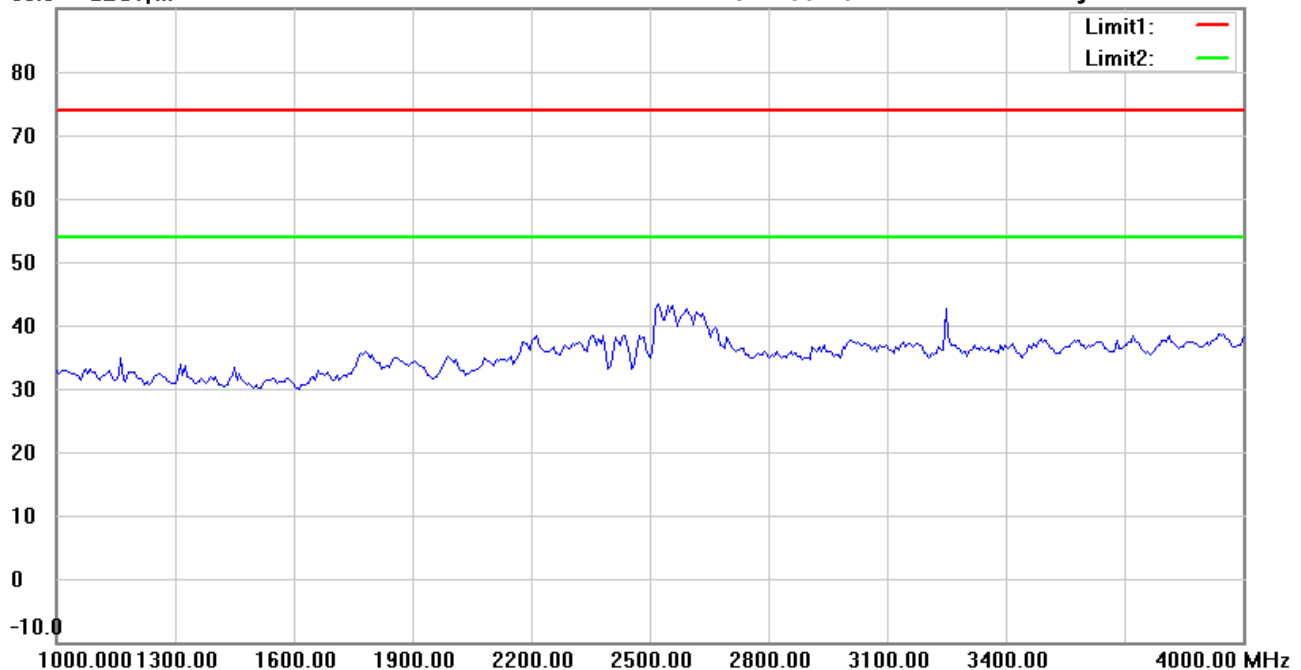
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:30:10 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH6

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: Vincent

File : 3

Data : #6

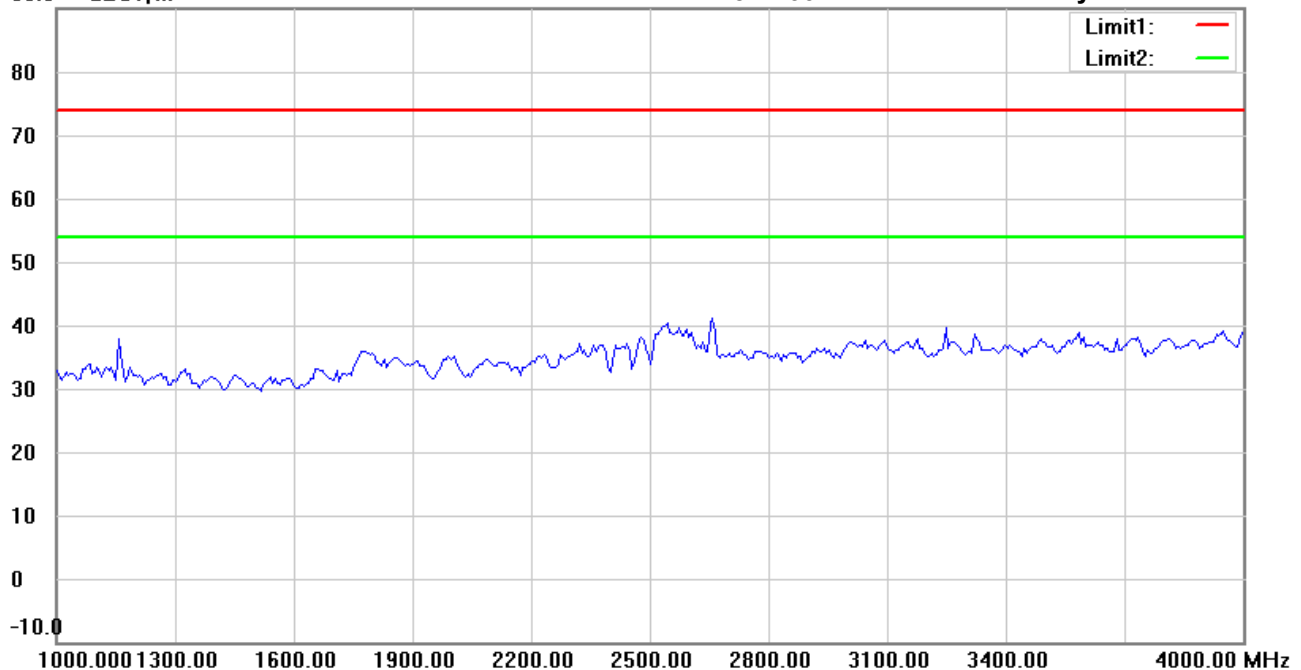
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:33:41 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH6

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: Vincent

File : 3

Data : #2

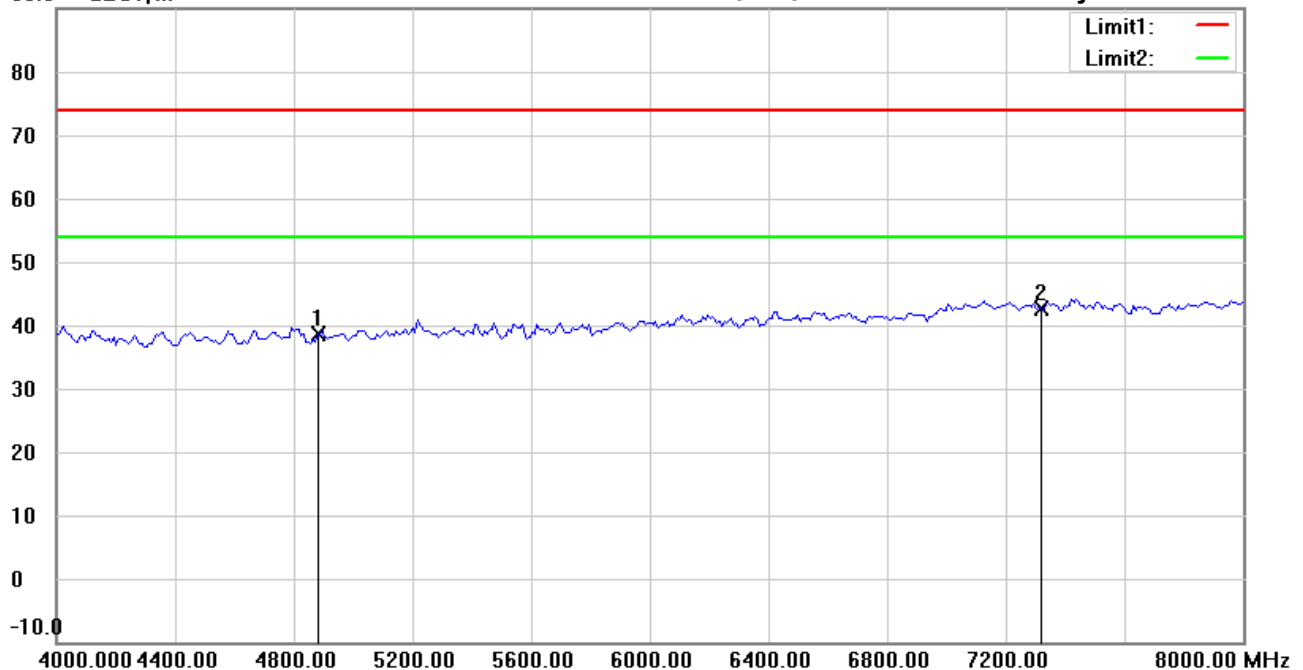
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:31:11 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4874.000        | 40.20          | peak     | -1.61               | 38.59           | 74.00          | 150          | 90             | -35.41      |         |
| *   | 7311.000        | 39.08          | peak     | 3.48                | 42.56           | 74.00          | 150          | 247            | -31.44      |         |

\*: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: Vincent

File : 3

Data : #7

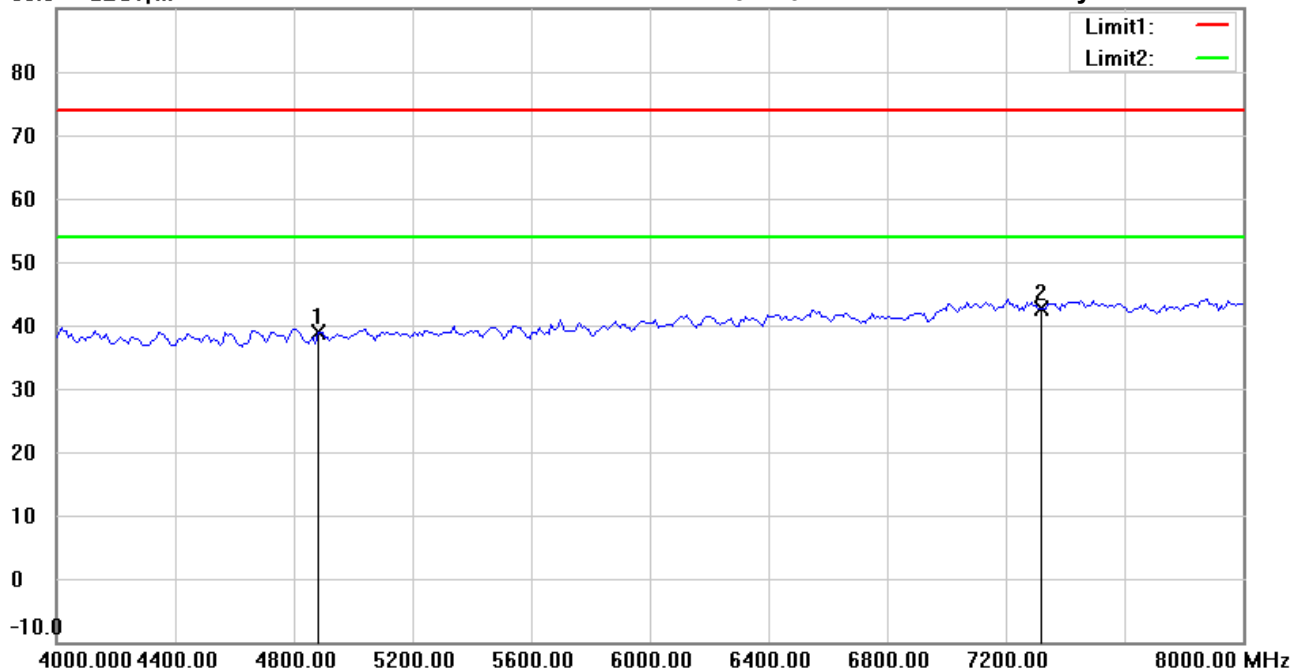
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:34:42 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4874.000        | 40.58          | peak     | -1.61               | 38.97           | 74.00          | 150          | 311            | -35.03      |         |
| *   | 7311.000        | 39.10          | peak     | 3.48                | 42.58           | 74.00          | 150          | 246            | -31.42      |         |

\*: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: Vincent

File : 3

Data : #3

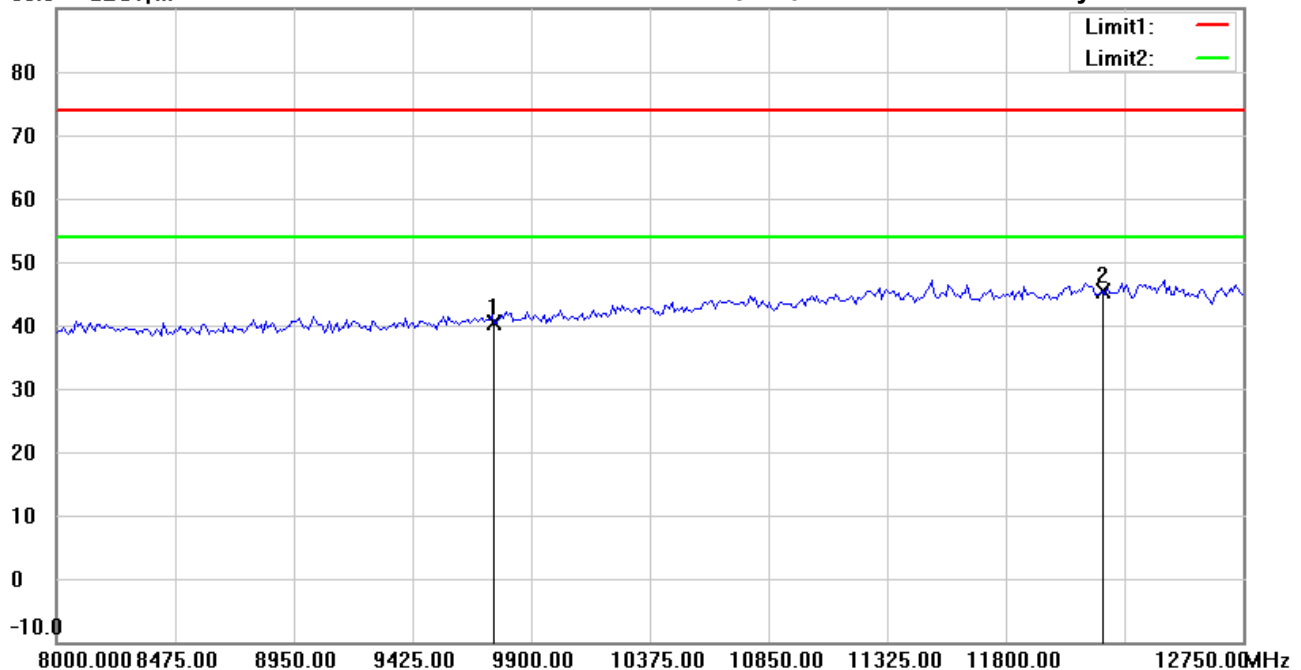
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:32:17 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9748.000        | 33.62          | peak     | 6.82                | 40.44           | 74.00          | 150          | 55             | -33.56      |         |
| *   | 12185.000       | 32.48          | peak     | 12.97               | 45.45           | 74.00          | 150          | 236            | -28.55      |         |

\*: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: Vincent

File :3

Data :#8

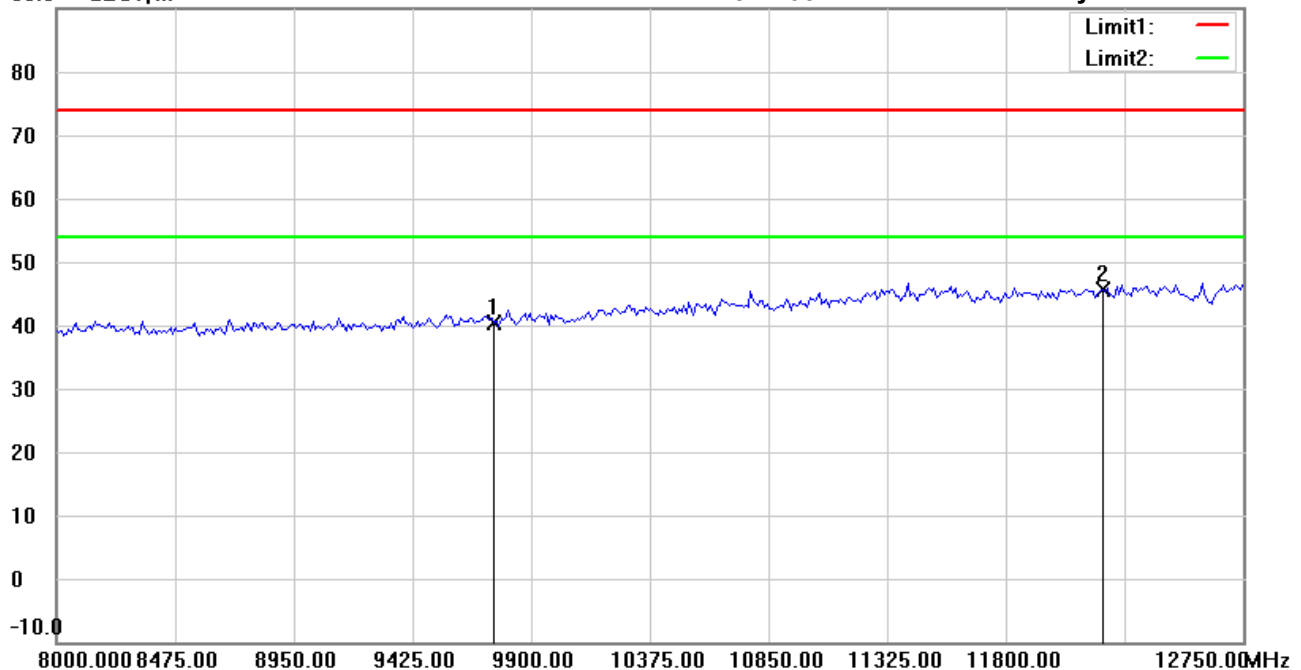
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:35:42 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH6

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9748.000        | 33.56          | peak     | 6.82                | 40.38           | 74.00          | 150          | 90             | -33.62      |         |
| *   | 12185.000       | 32.57          | peak     | 12.97               | 45.54           | 74.00          | 150          | 221            | -28.46      |         |

\*: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: Vincent

File :3

Data :#4

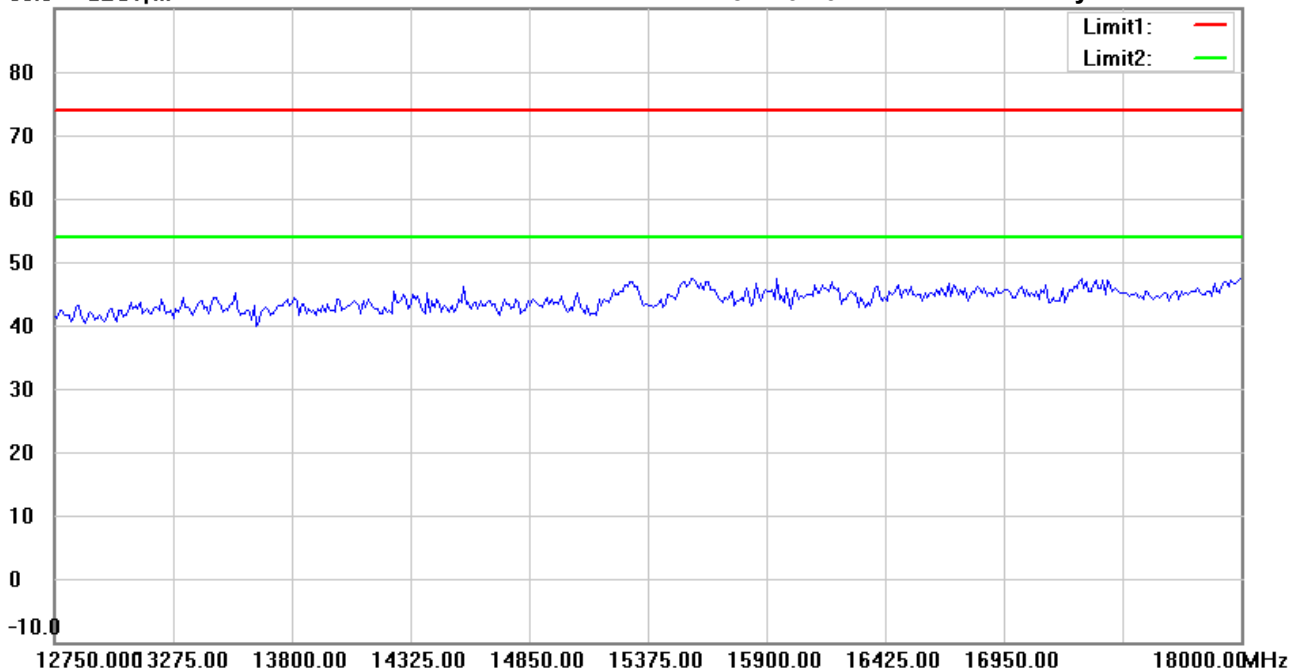
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:32:31 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH6

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: Vincent

File : 3

Data : #9

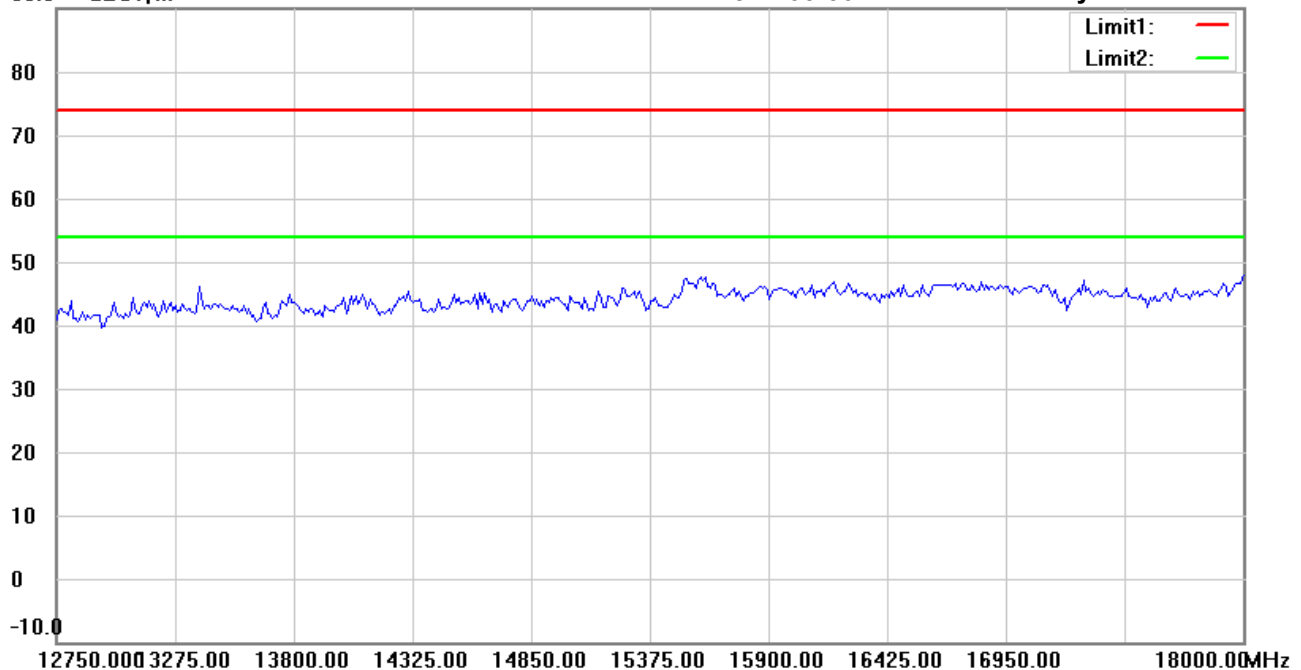
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:35:56 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH6

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: Vincent

File : 3

Data : #5

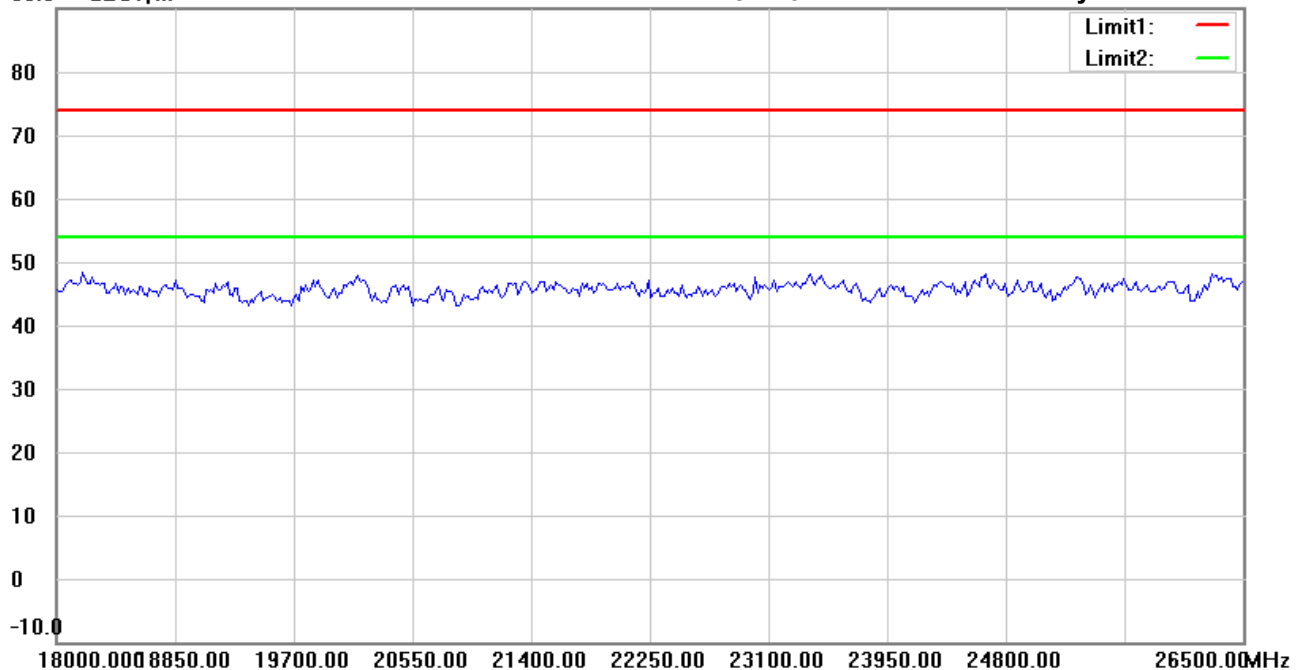
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:32:41 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH6

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: Vincent

File : 3

Data : #10

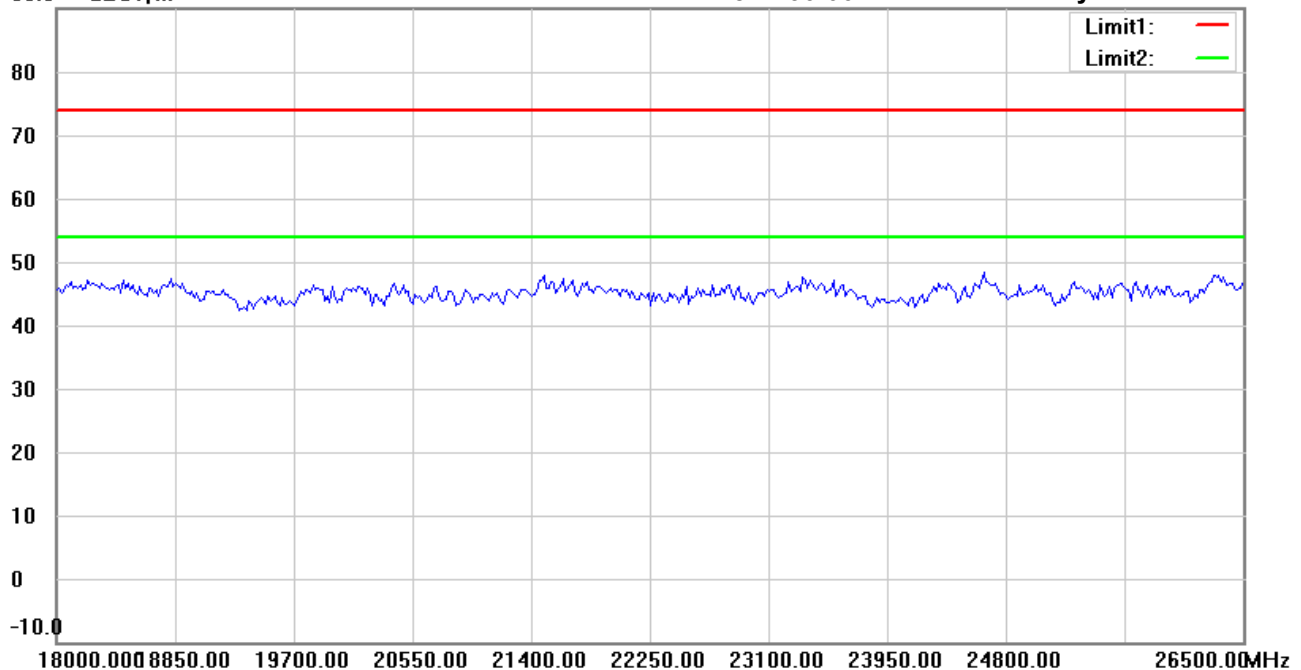
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:36:06 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH6

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: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

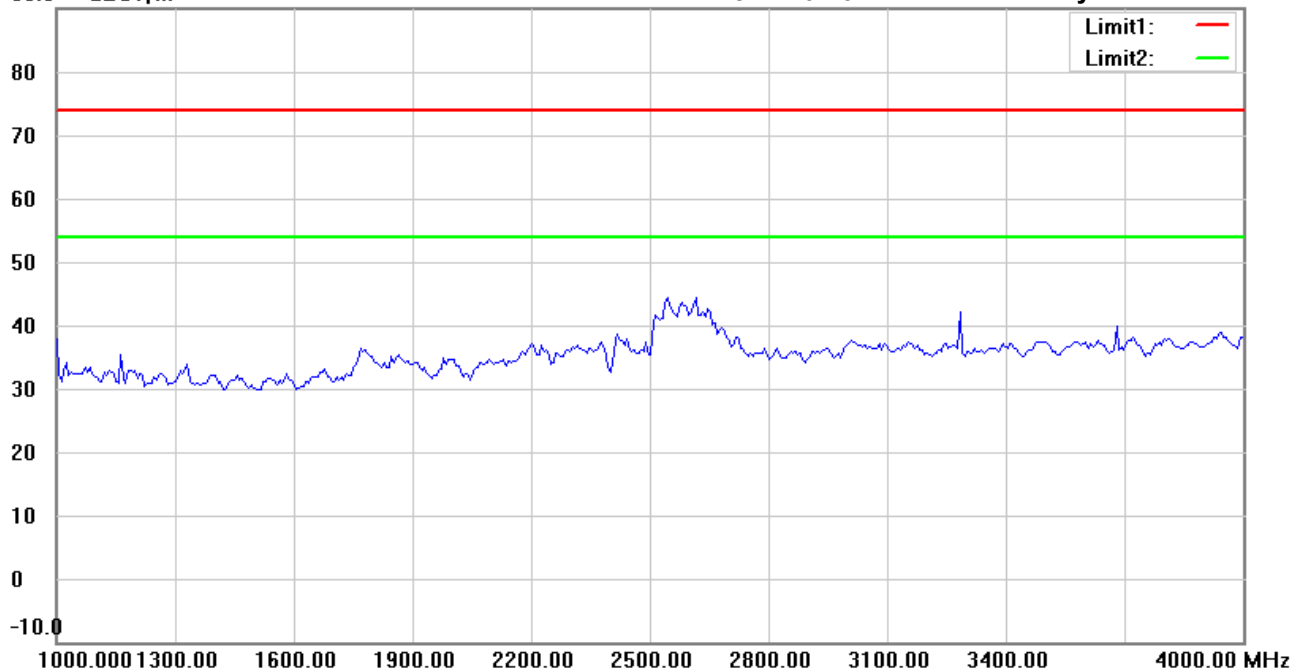
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:20:13 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH11

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: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

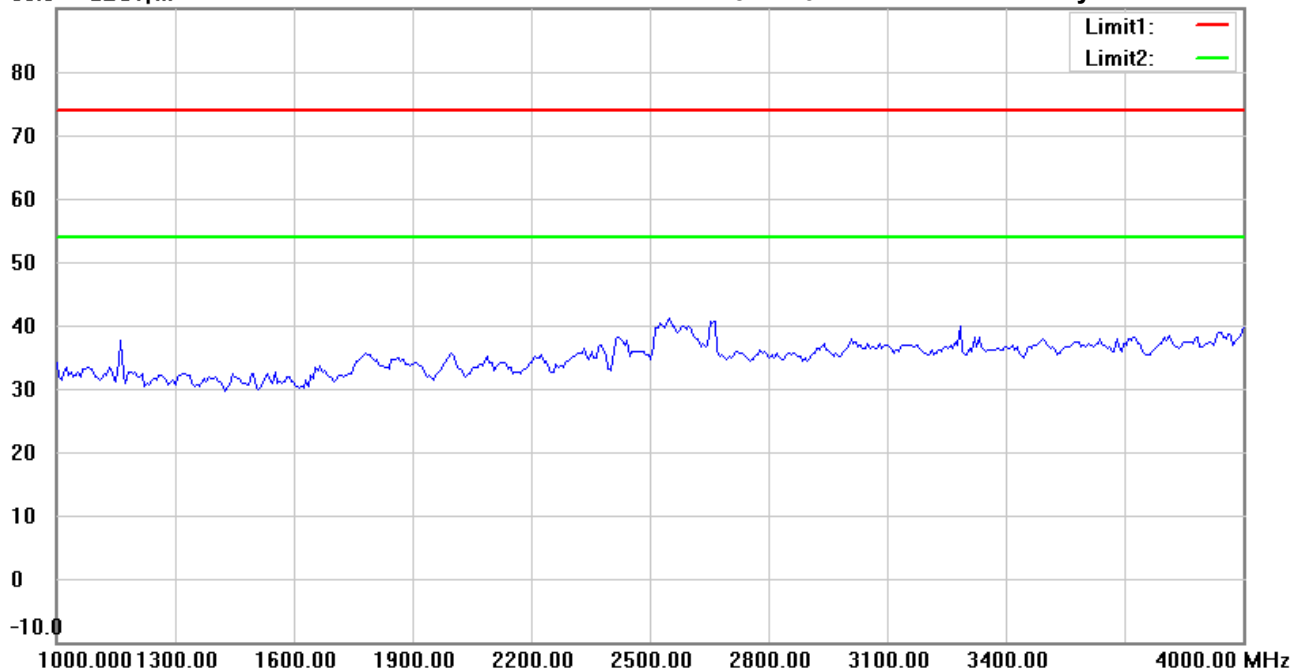
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:23:44 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH11

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: +886-2-6606-8879

# Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

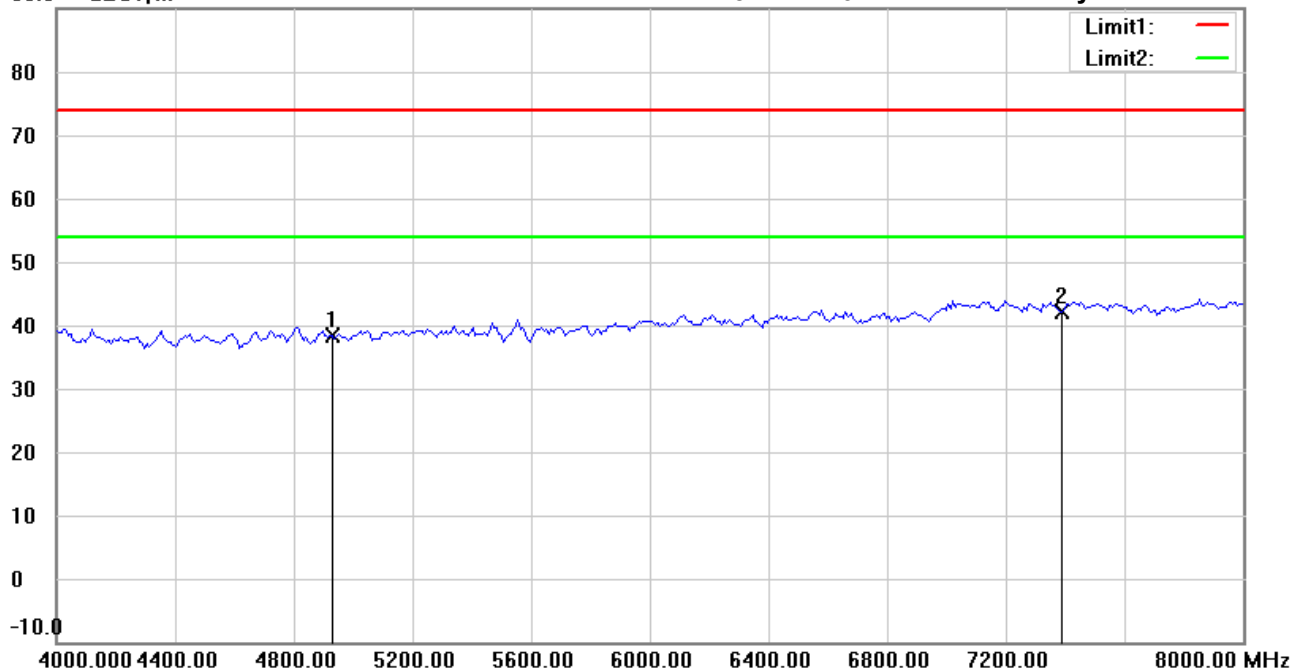
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:21:13 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4924.000        | 39.85          | peak     | -1.48               | 38.37           | 74.00          | 150          | 40             | -35.63      |         |
| *   | 7386.000        | 38.34          | peak     | 3.79                | 42.13           | 74.00          | 150          | 170            | -31.87      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#7

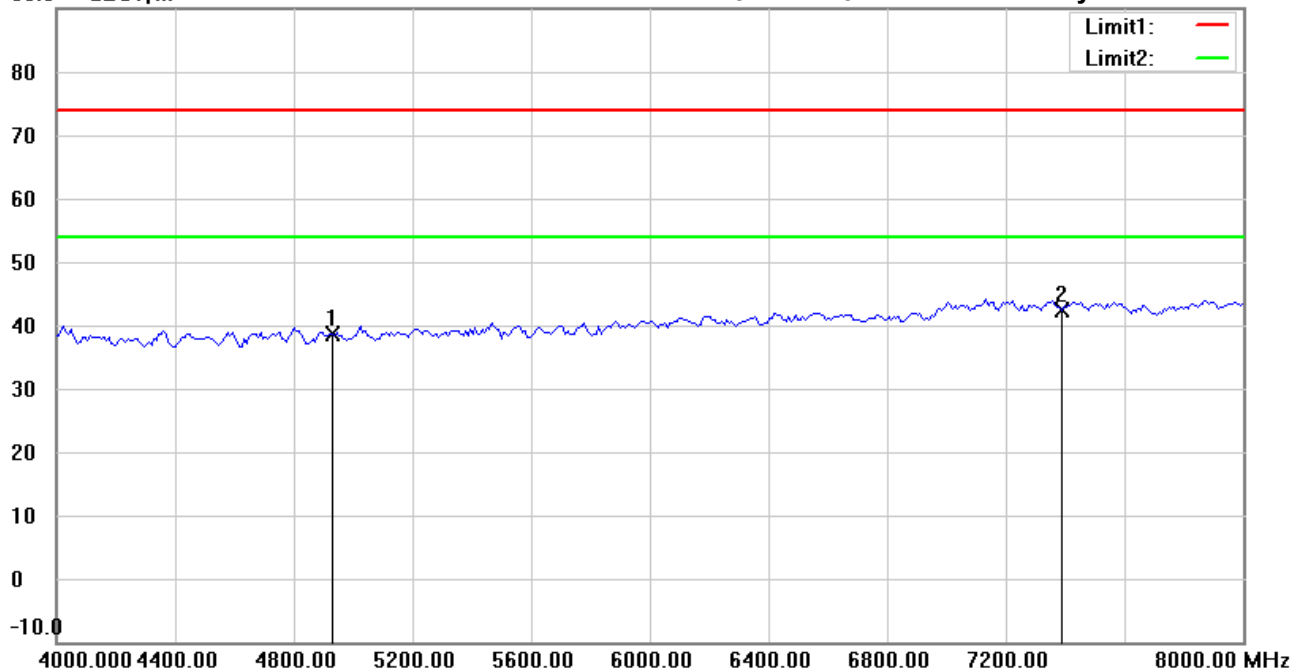
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:24:45 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4924.000        | 40.13          | peak     | -1.48               | 38.65           | 74.00          | 150          | 164            | -35.35      |         |
| *   | 7386.000        | 38.64          | peak     | 3.79                | 42.43           | 74.00          | 150          | 228            | -31.57      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

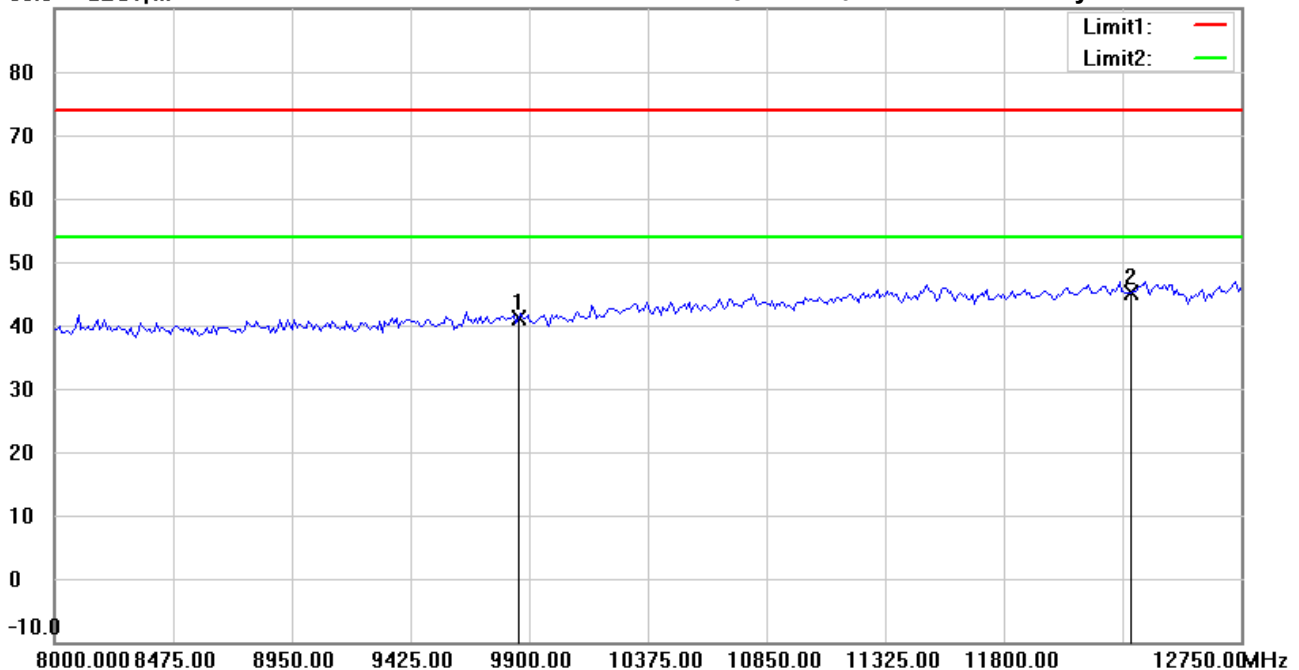
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:22:20 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9848.000        | 34.20          | peak     | 7.04                | 41.24           | 74.00          | 150          | 218            | -32.76      |         |
| *   | 12310.000       | 32.83          | peak     | 12.28               | 45.11           | 74.00          | 150          | 227            | -28.89      |         |

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

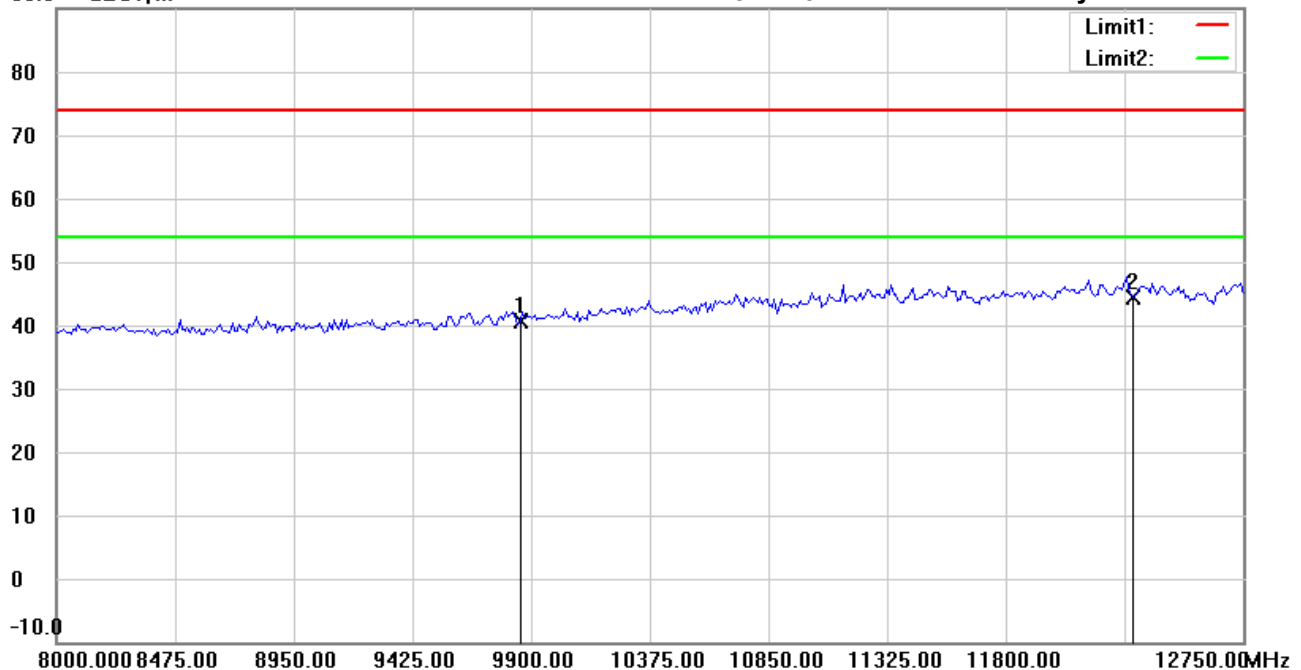
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:25:44 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH11

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9848.000        | 33.60          | peak     | 7.04                | 40.64           | 74.00          | 150          | 332            | -33.36      |         |
| *   | 12310.000       | 32.13          | peak     | 12.28               | 44.41           | 74.00          | 150          | 126            | -29.59      |         |

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



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

Operator: Vincent

File : 3

Data : #4

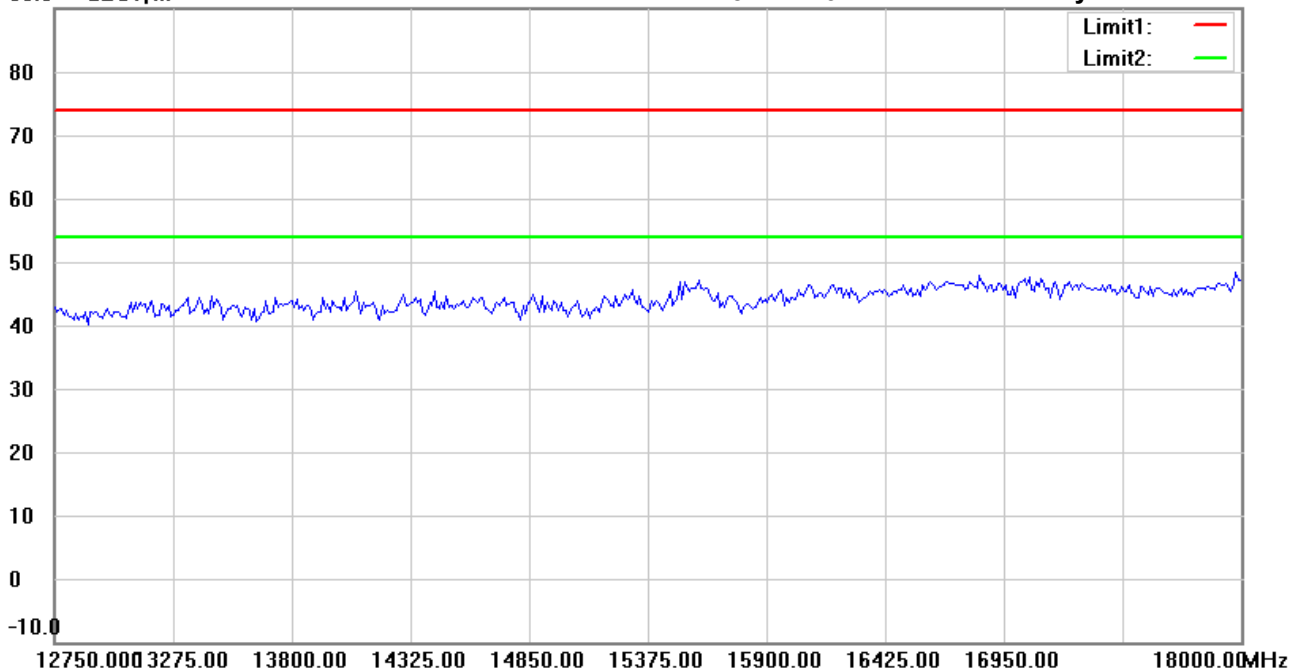
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:22:34 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH11

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: Vincent

File : 3

Data : #9

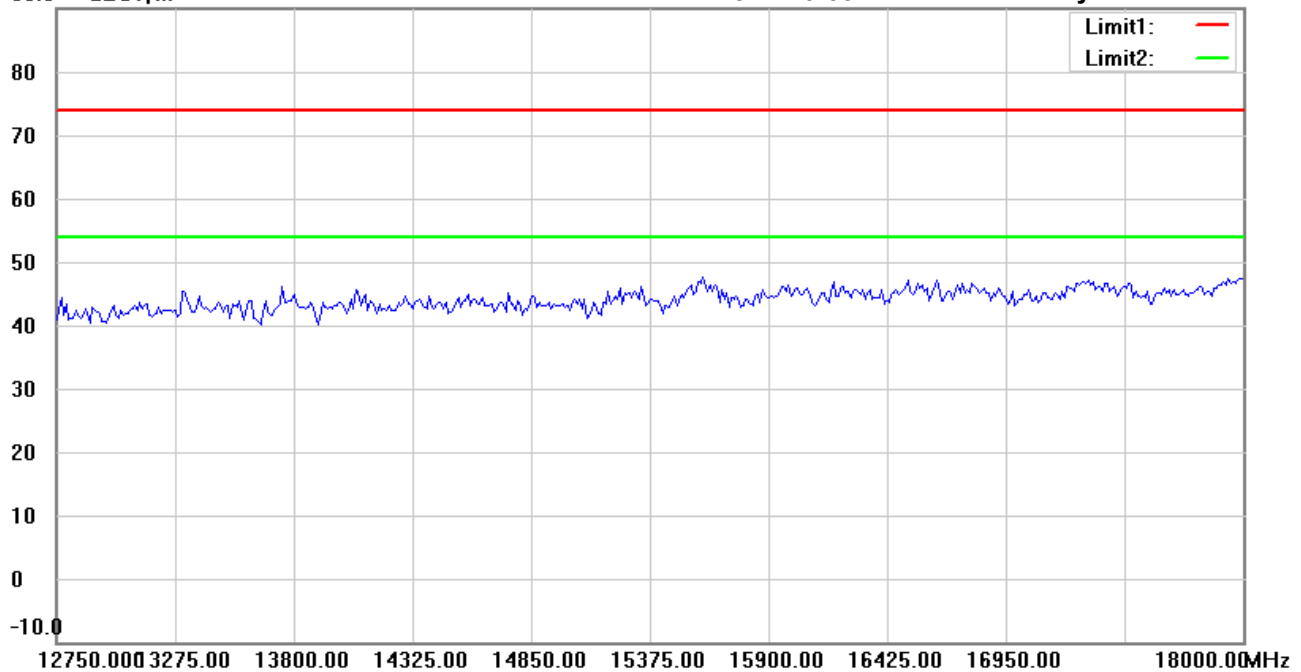
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:25:58 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH11

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: Vincent

File :3

Data :#5

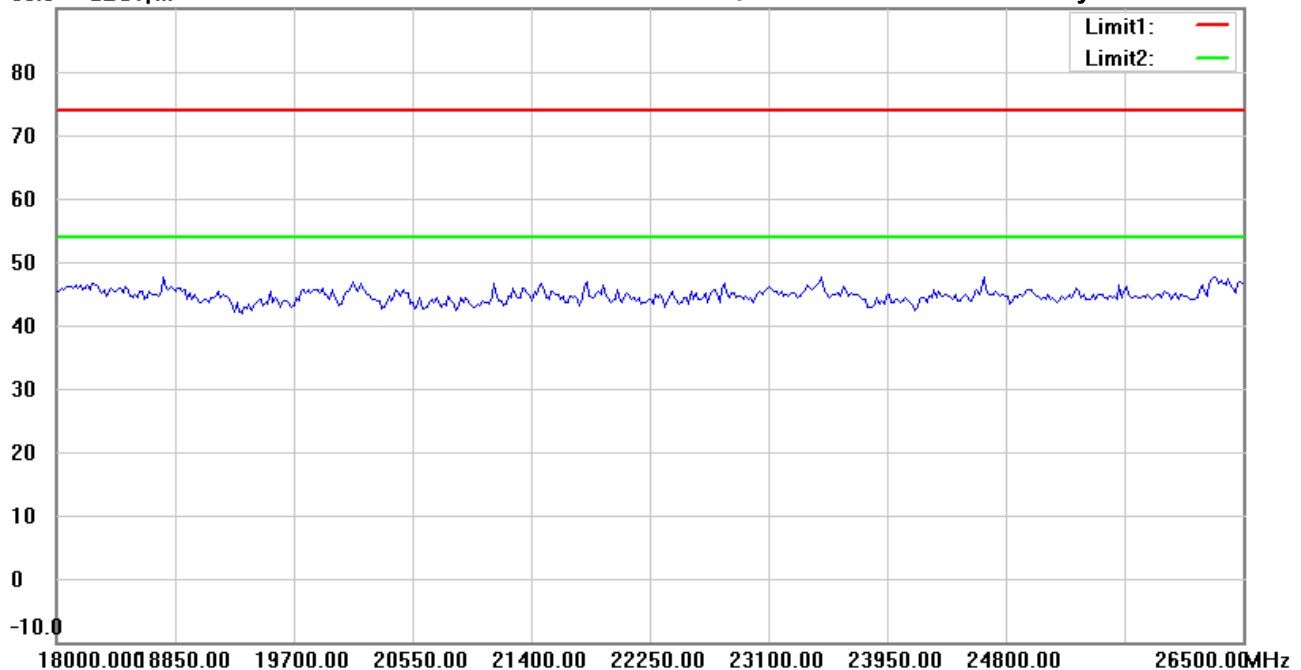
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:22:44 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH11

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: Vincent

File : 3

Data : #10

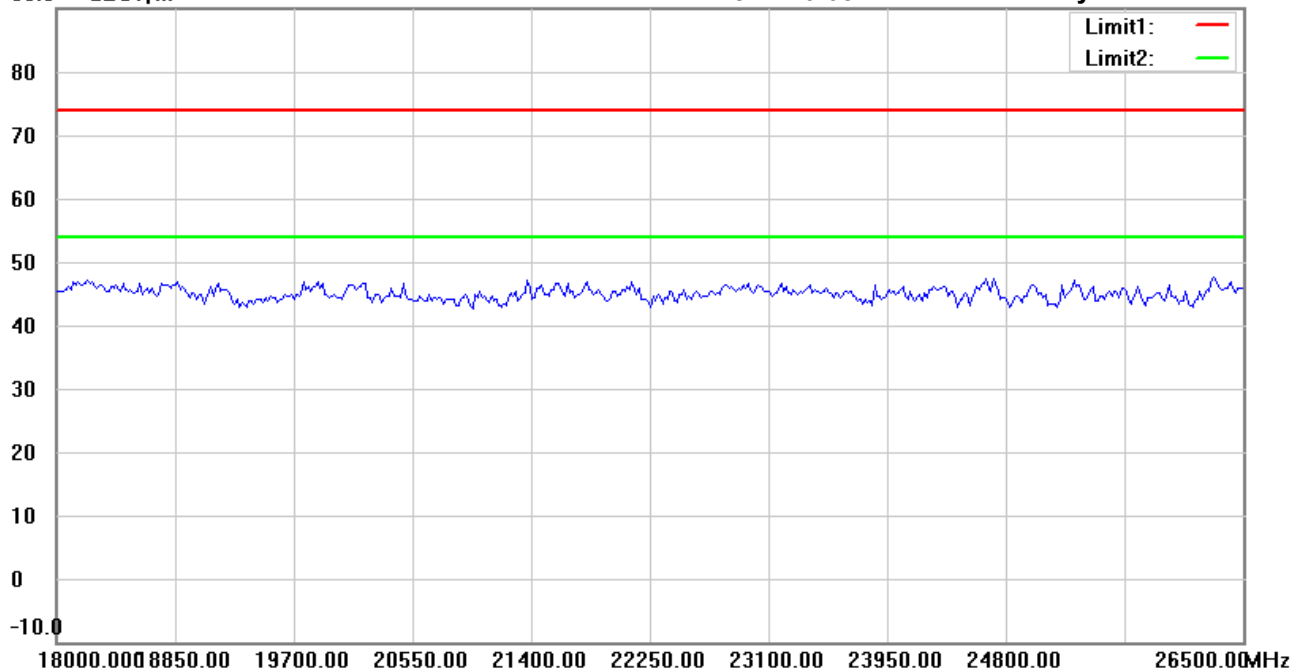
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:26:08 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n20 CH11

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: +886-2-6606-8879

# Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

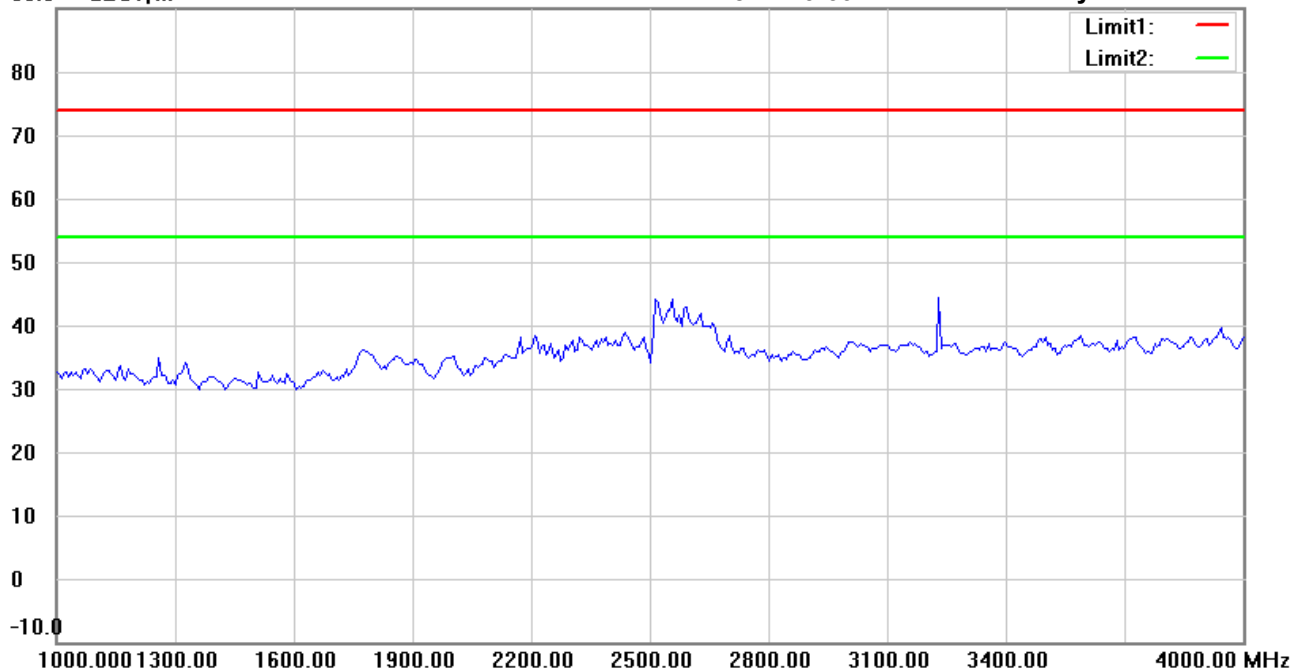
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:43:39 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH1

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: Vincent

File : 3

Data : #6

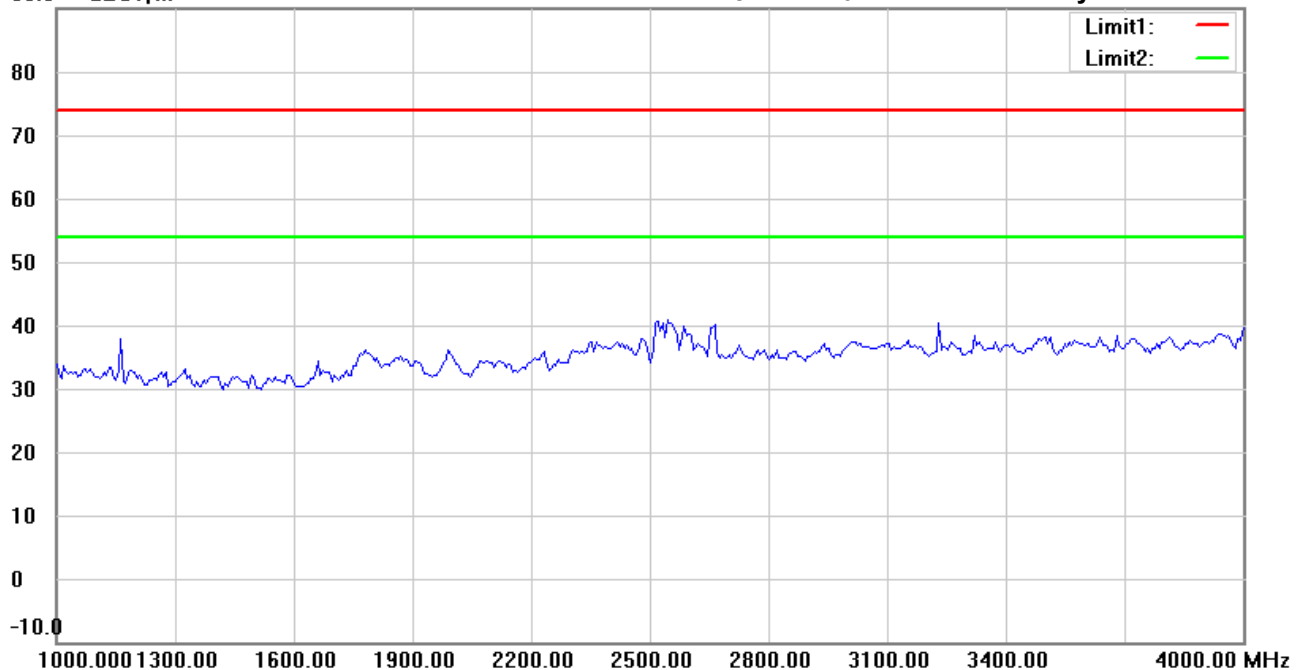
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:47:10 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH1

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: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

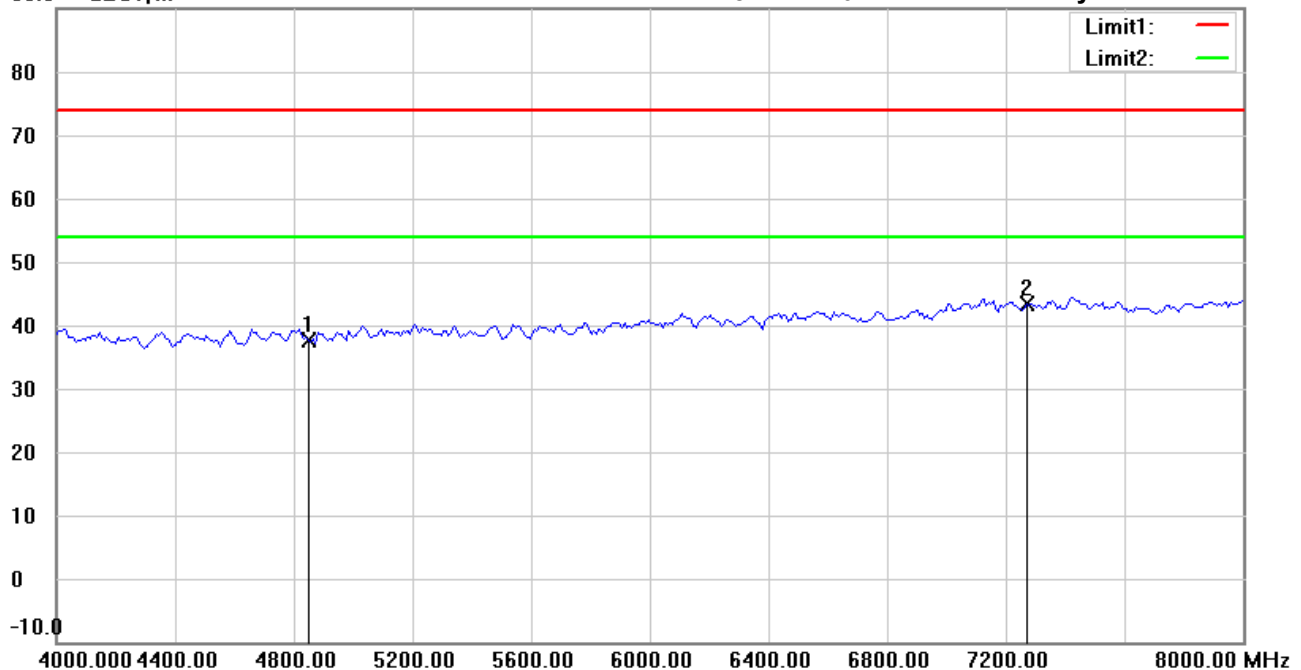
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:44:40 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4844.000        | 39.19          | peak     | -1.67               | 37.52           | 74.00          | 150          | 211            | -36.48      |         |
| *   | 7266.000        | 40.01          | peak     | 3.39                | 43.40           | 74.00          | 150          | 247            | -30.60      |         |

\*: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: Vincent

File : 3

Data : #7

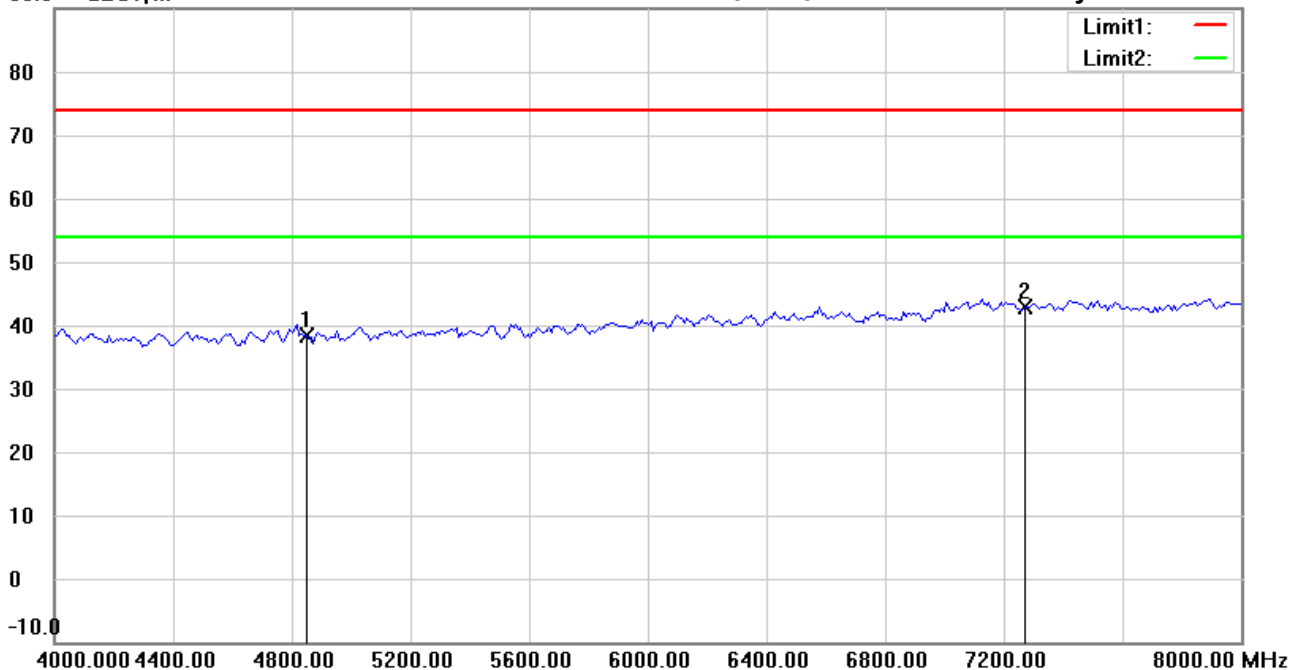
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:48:11 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4844.000        | 40.02          | peak     | -1.67               | 38.35           | 74.00          | 150          | 214            | -35.65      |         |
| *   | 7266.000        | 39.56          | peak     | 3.39                | 42.95           | 74.00          | 150          | 277            | -31.05      |         |

\*: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: Vincent

File :3

Data :#3

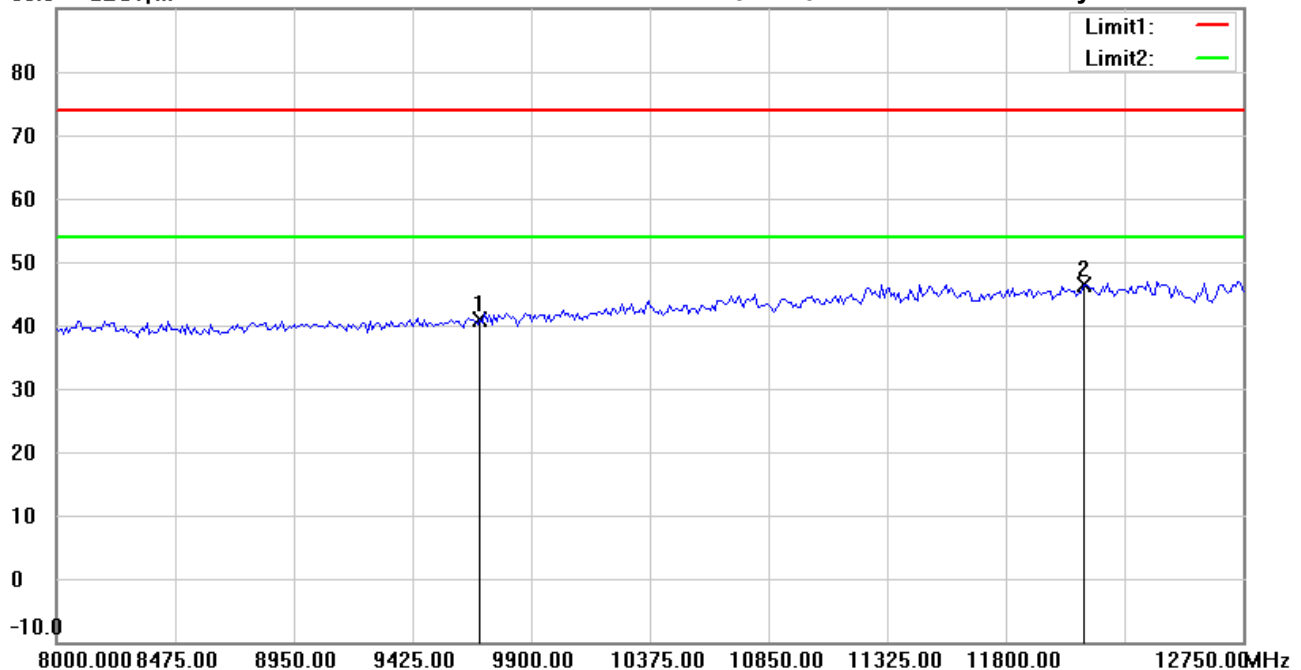
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:45:47 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9688.000        | 34.17          | peak     | 6.74                | 40.91           | 74.00          | 150          | 70             | -33.09      |         |
| *   | 12110.000       | 33.64          | peak     | 12.72               | 46.36           | 74.00          | 150          | 132            | -27.64      |         |

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

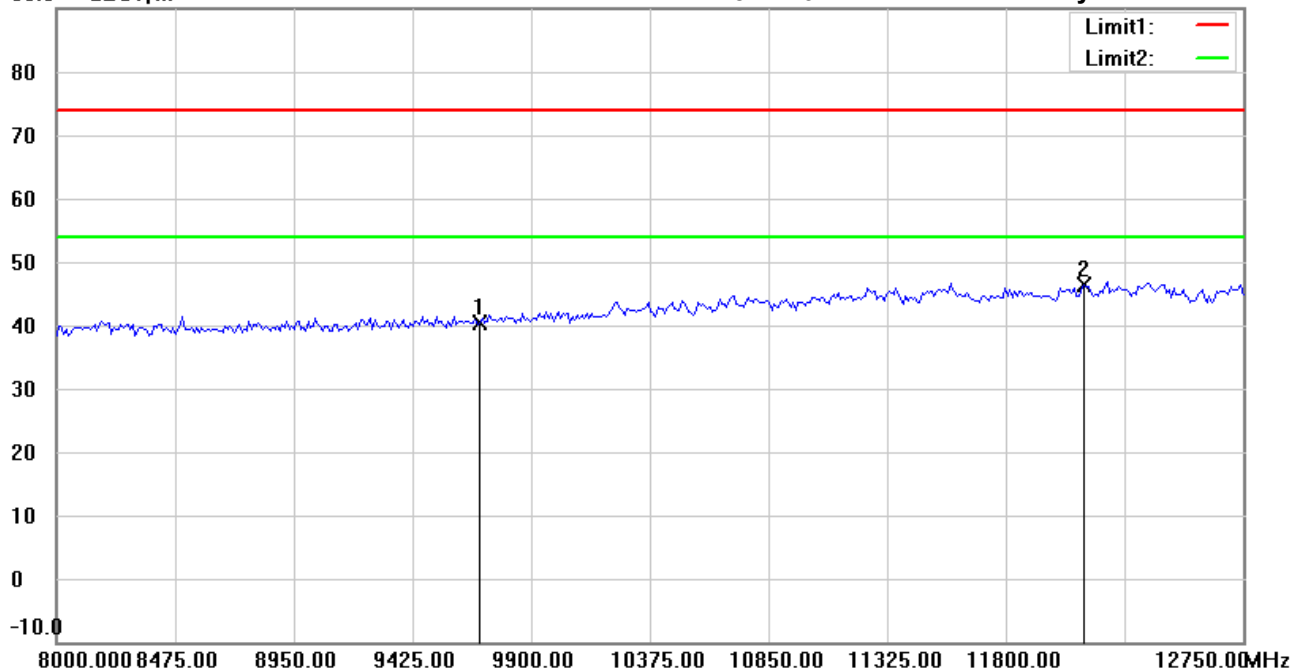
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:49:11 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH1

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9688.000        | 33.73          | peak     | 6.74                | 40.47           | 74.00          | 150          | 119            | -33.53      |         |
| *   | 12110.000       | 33.68          | peak     | 12.72               | 46.40           | 74.00          | 150          | 64             | -27.60      |         |

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



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Tel: +886-2-6606-8877  
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

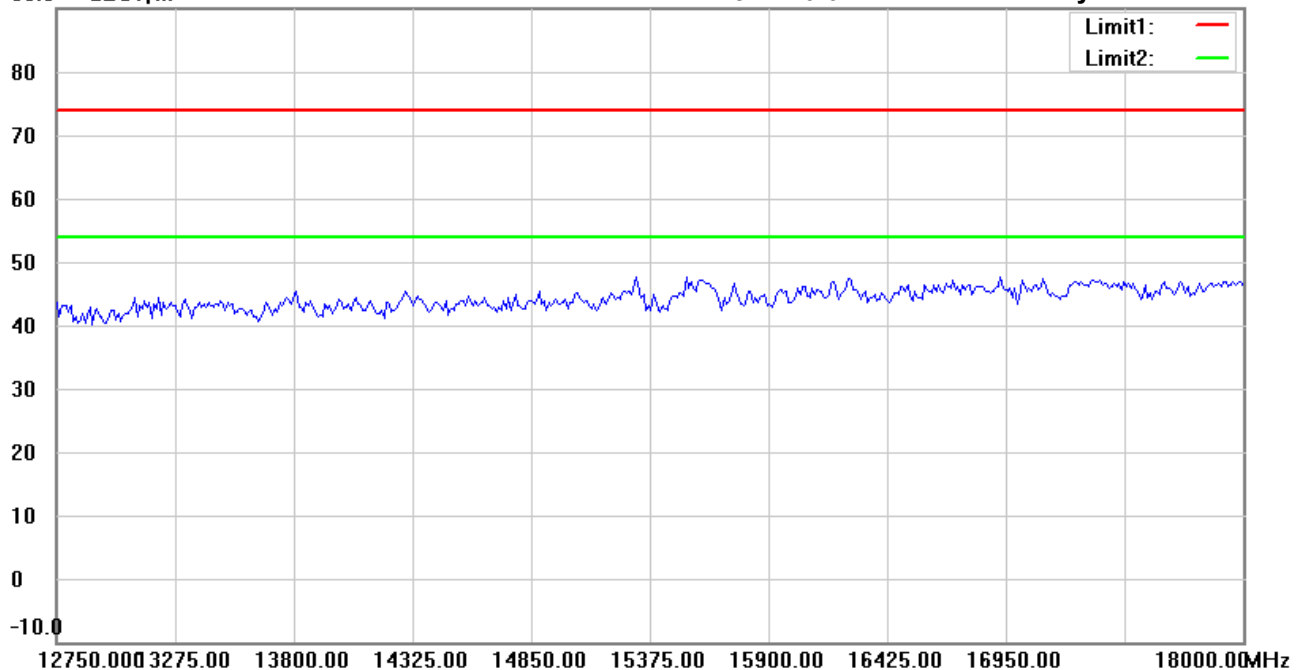
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:46:01 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH1

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: Vincent

File : 3

Data : #9

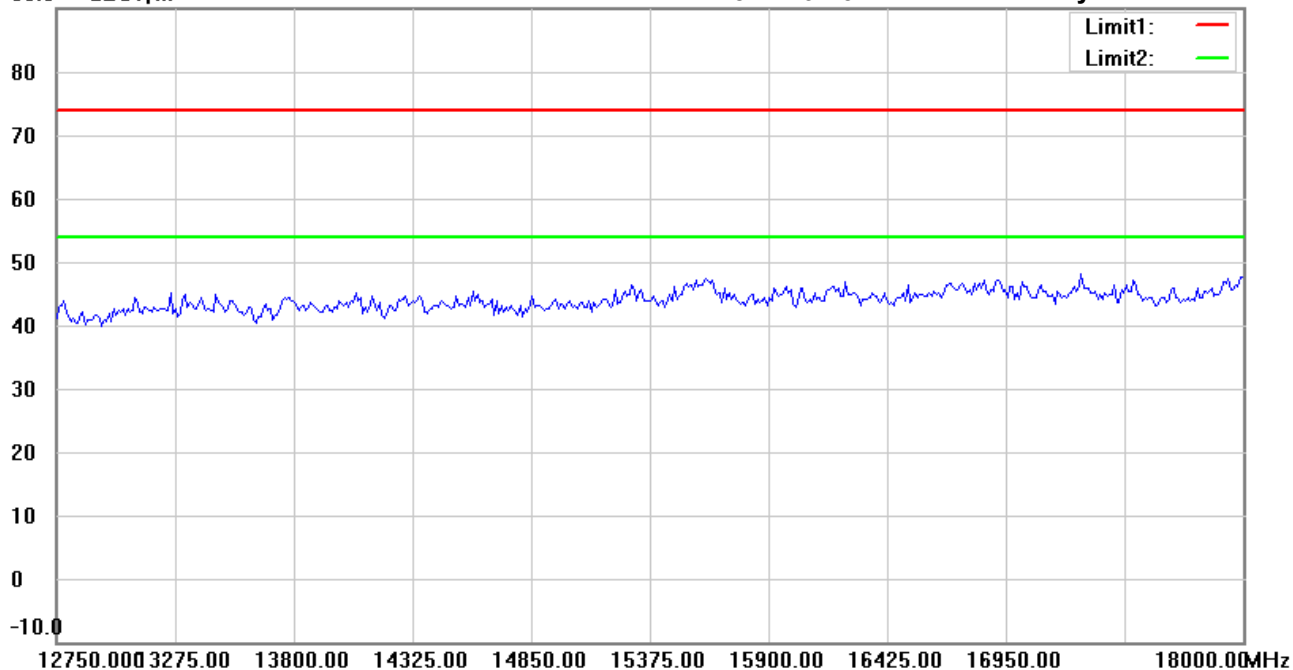
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:49:25 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH1

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: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

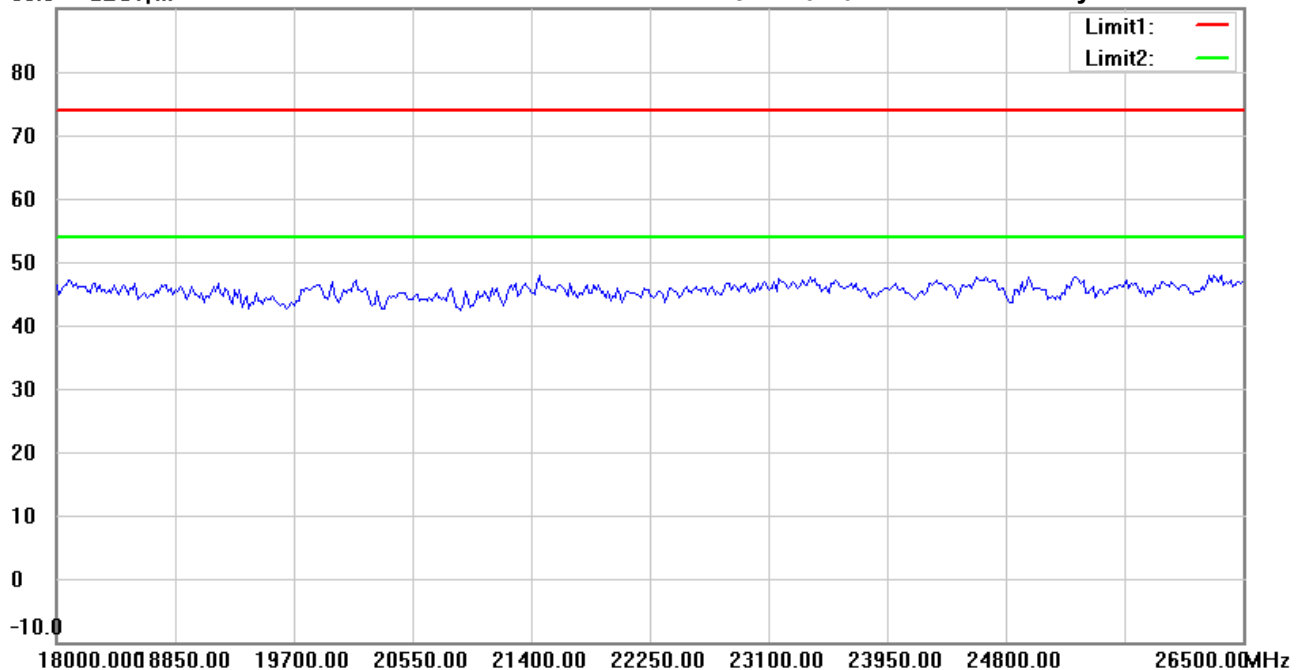
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:46:10 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH1

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: Vincent

File :3

Data :#10

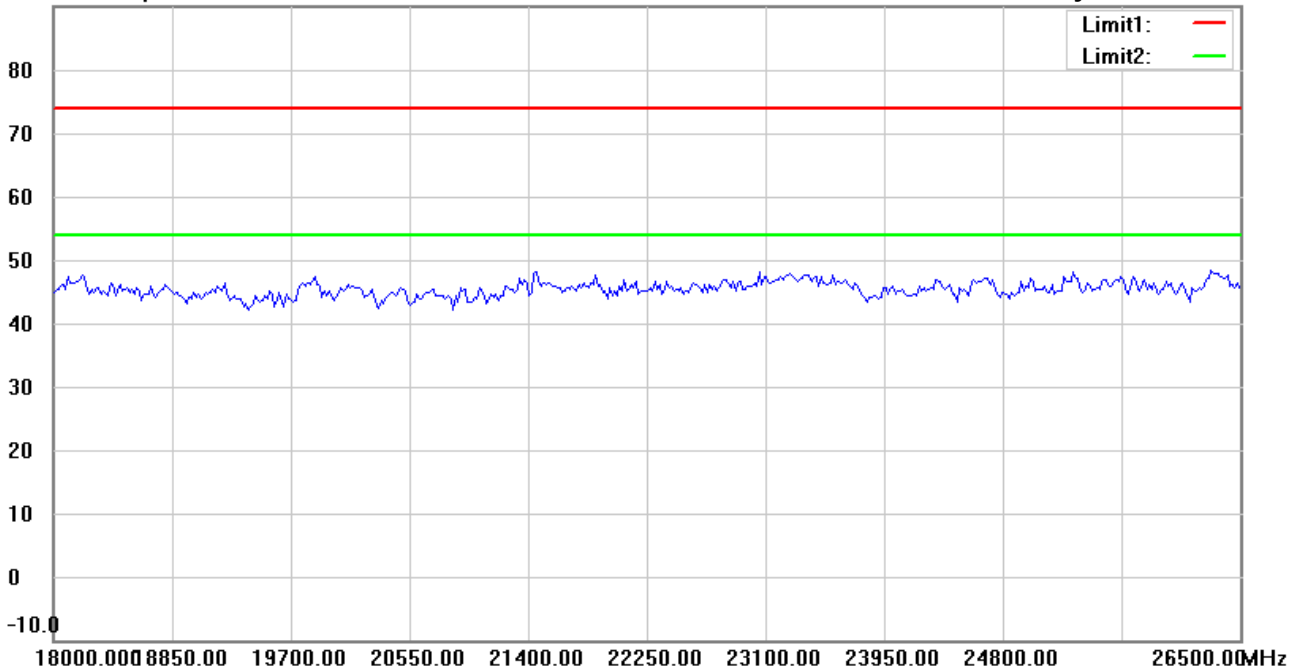
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 7:49:35 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH1

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: Vincent

File : 3

Data : #1

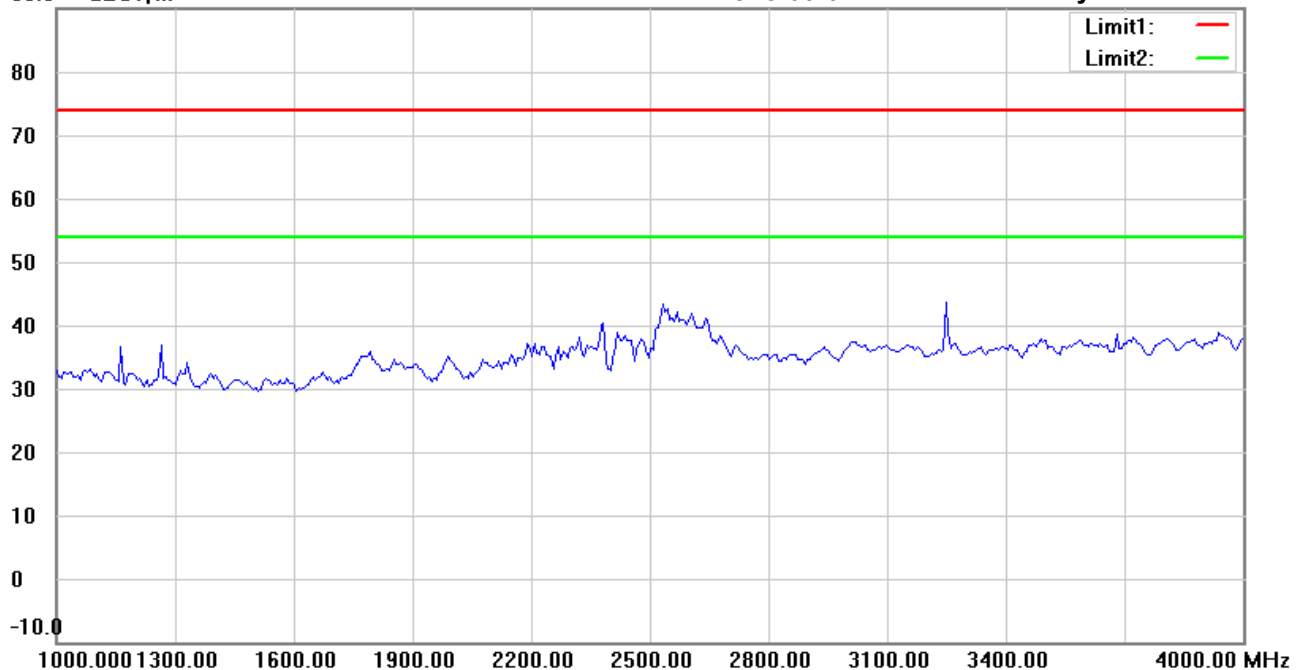
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 8:03:01 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH4

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: Vincent

File : 3

Data : #6

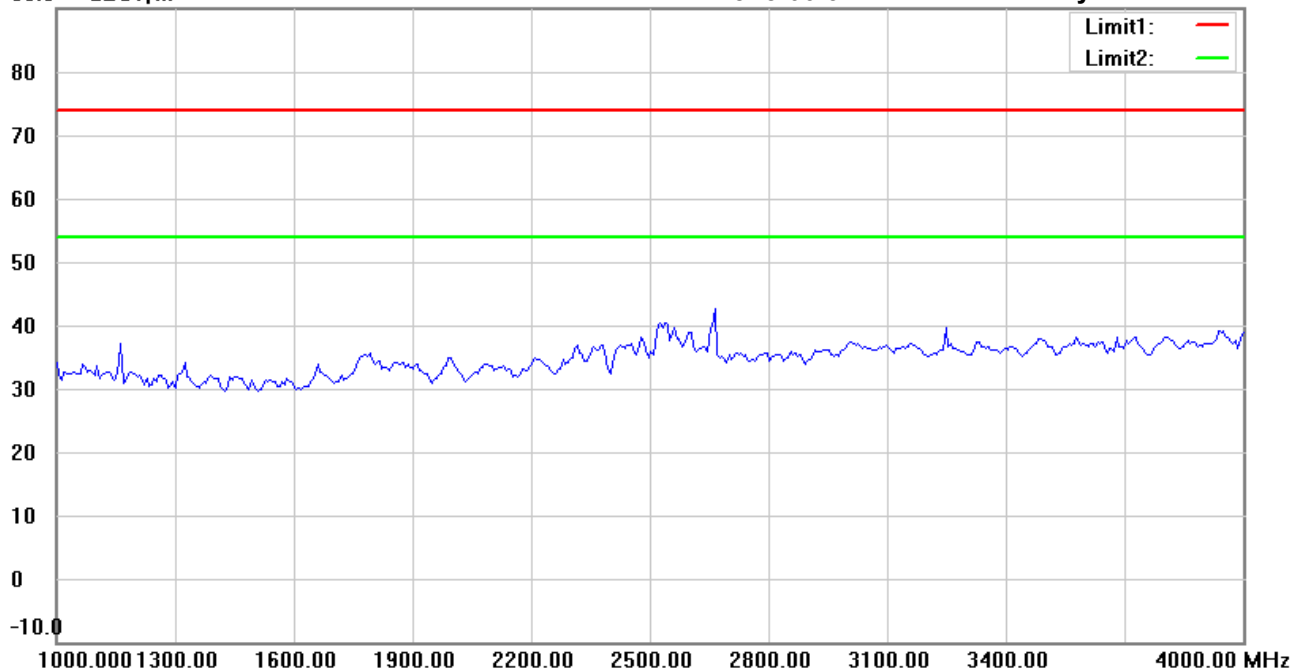
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 8:06:32 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH4

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: Vincent

File : 3

Data : #2

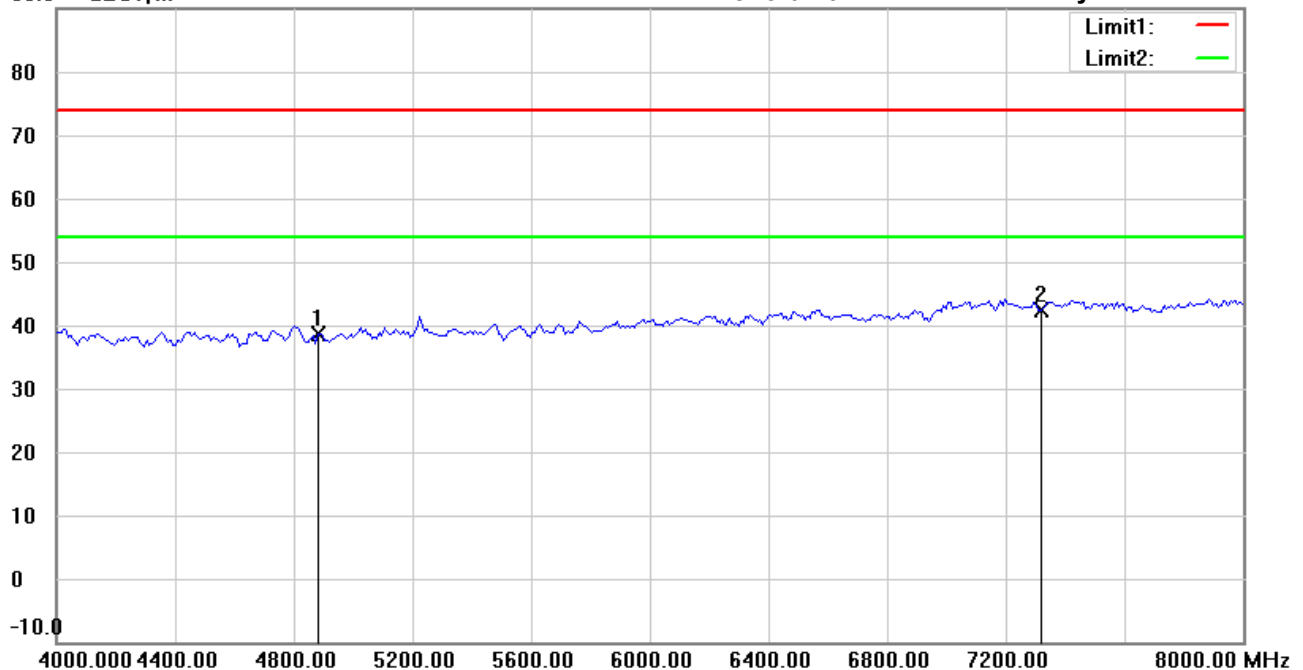
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 8:04:02 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH4

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4874.000        | 40.25          | peak     | -1.61               | 38.64           | 74.00          | 150          | 190            | -35.36      |         |
| *   | 7311.000        | 39.02          | peak     | 3.48                | 42.50           | 74.00          | 150          | 326            | -31.50      |         |

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



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# Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

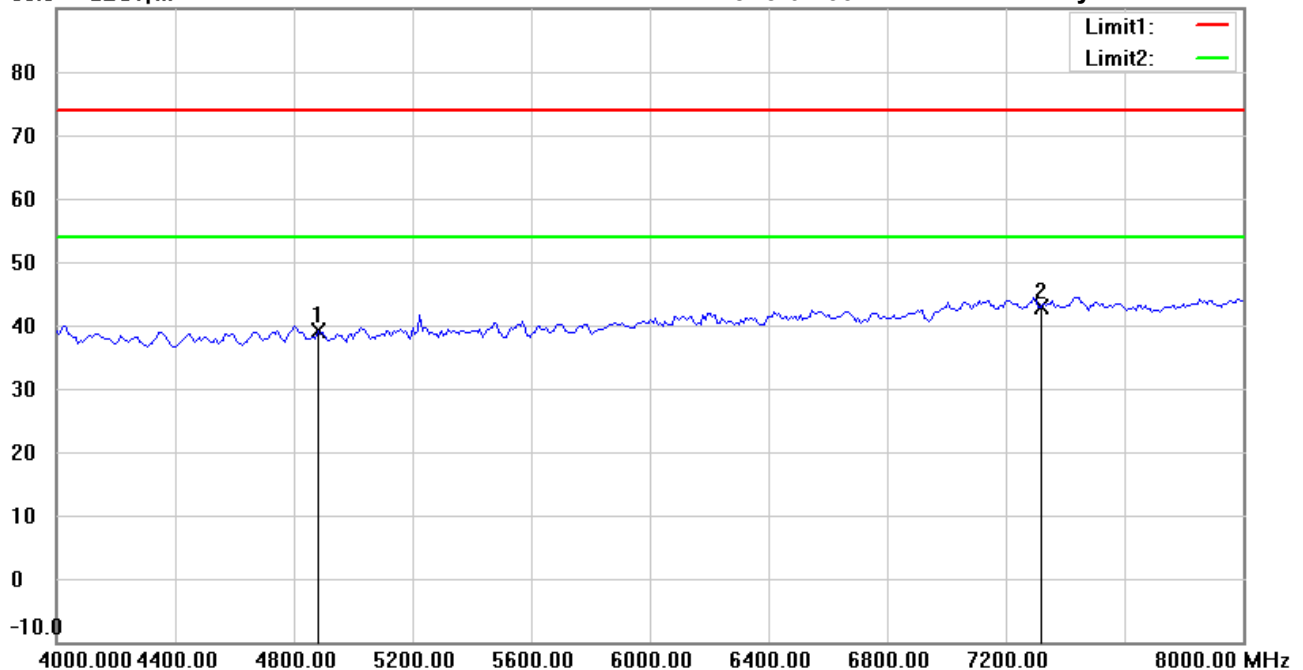
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 8:07:33 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH4

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4874.000        | 40.62          | peak     | -1.61               | 39.01           | 74.00          | 150          | 190            | -34.99      |         |
| *   | 7311.000        | 39.32          | peak     | 3.48                | 42.80           | 74.00          | 150          | 224            | -31.20      |         |

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

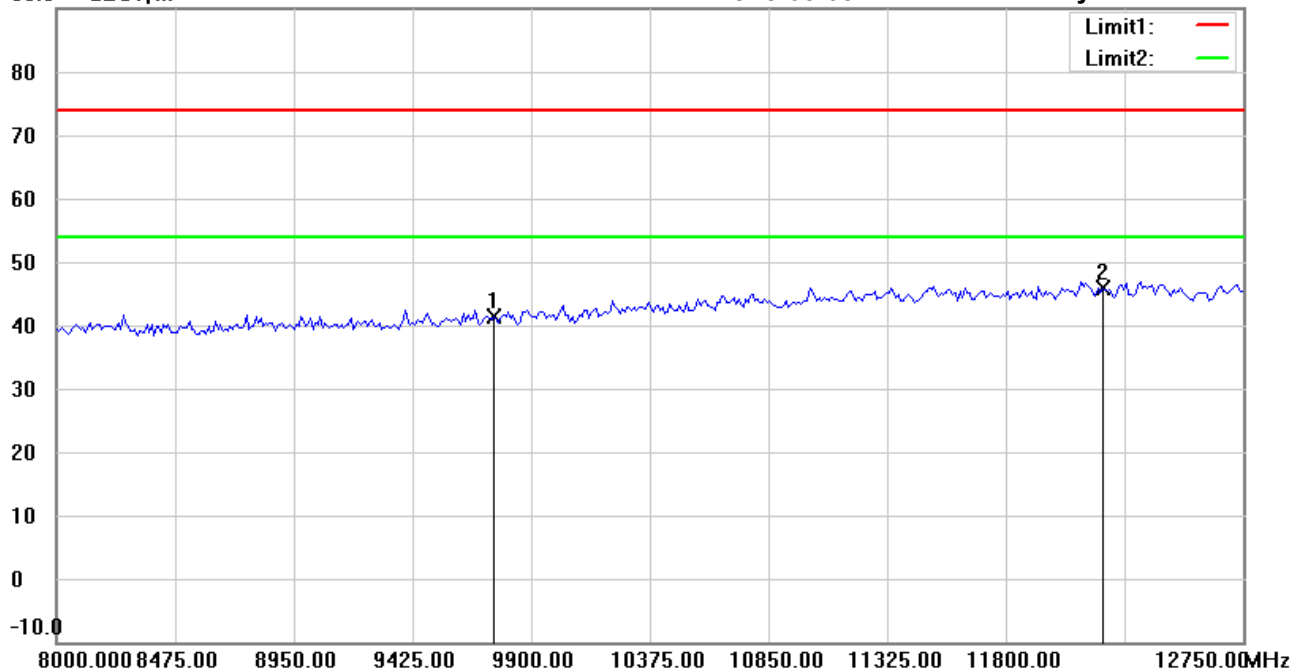
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 8:05:08 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH4

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9748.000        | 34.46          | peak     | 6.82                | 41.28           | 74.00          | 150          | 117            | -32.72      |         |
| *   | 12185.000       | 32.85          | peak     | 12.97               | 45.82           | 74.00          | 150          | 241            | -28.18      |         |

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



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# Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

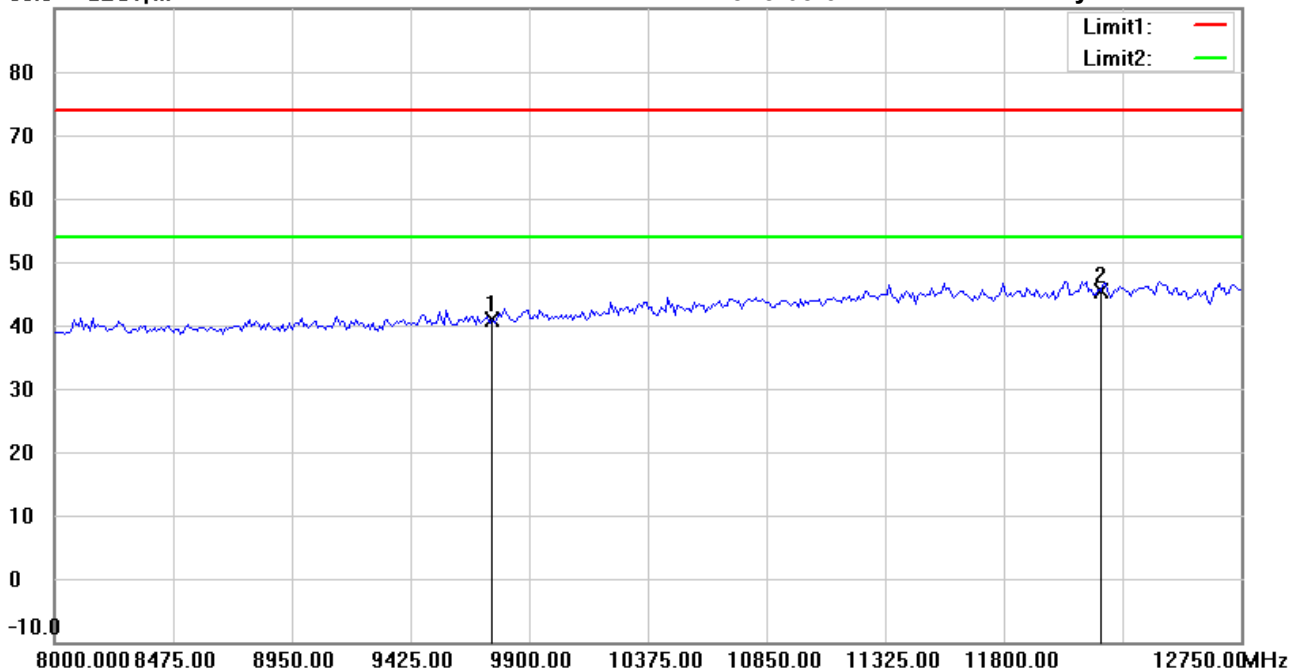
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 8:08:34 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH4

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9748.000        | 33.99          | peak     | 6.82                | 40.81           | 74.00          | 150          | 40             | -33.19      |         |
| *   | 12185.000       | 32.32          | peak     | 12.97               | 45.29           | 74.00          | 150          | 228            | -28.71      |         |

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

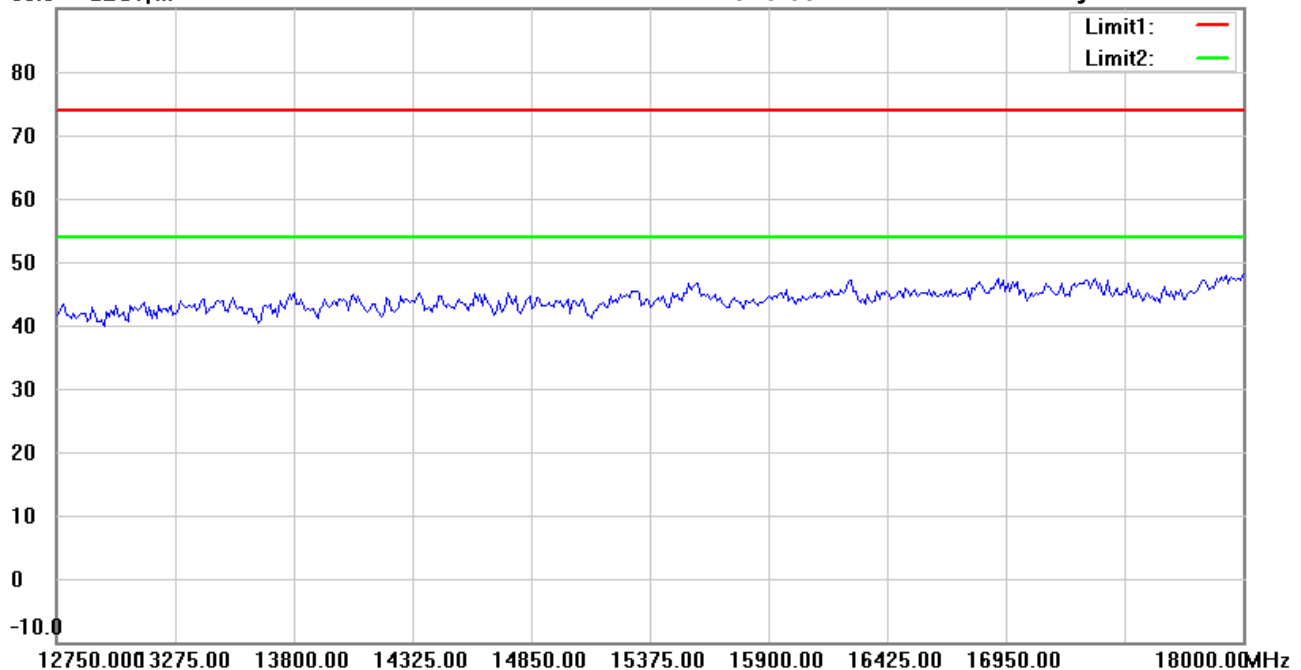
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 8:05:22 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH4

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: Vincent

File : 3

Data : #9

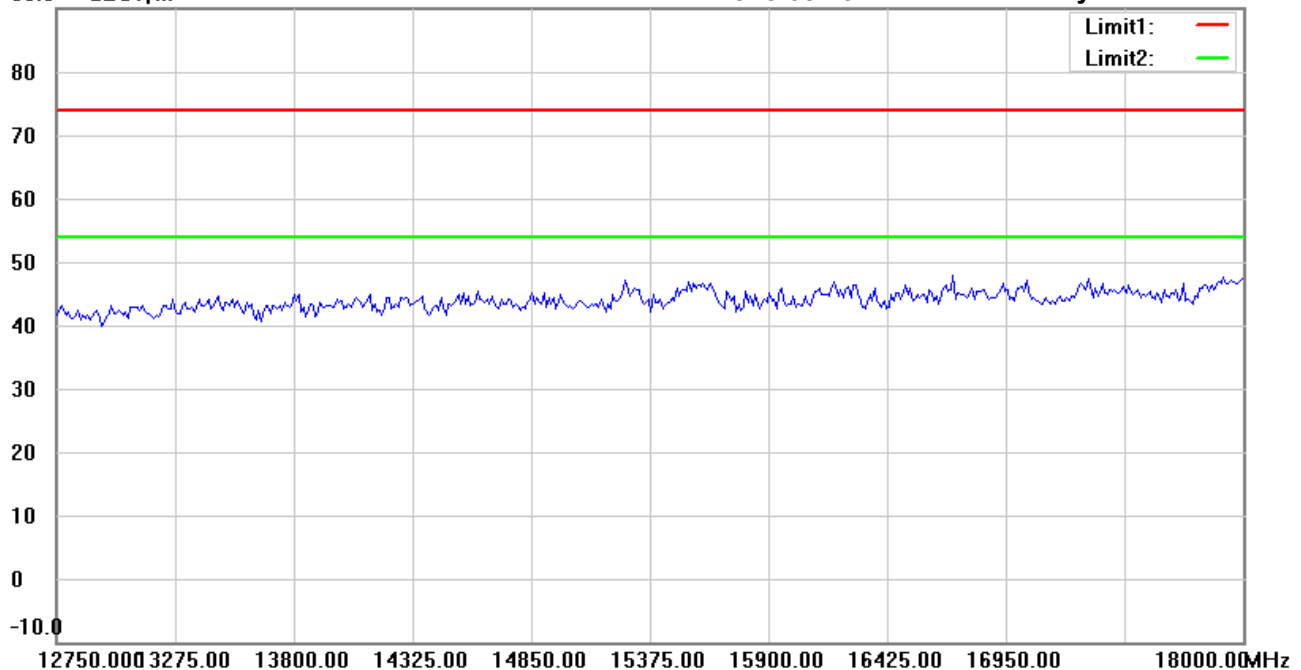
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 8:08:48 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH4

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: Vincent

File :3

Data :#5

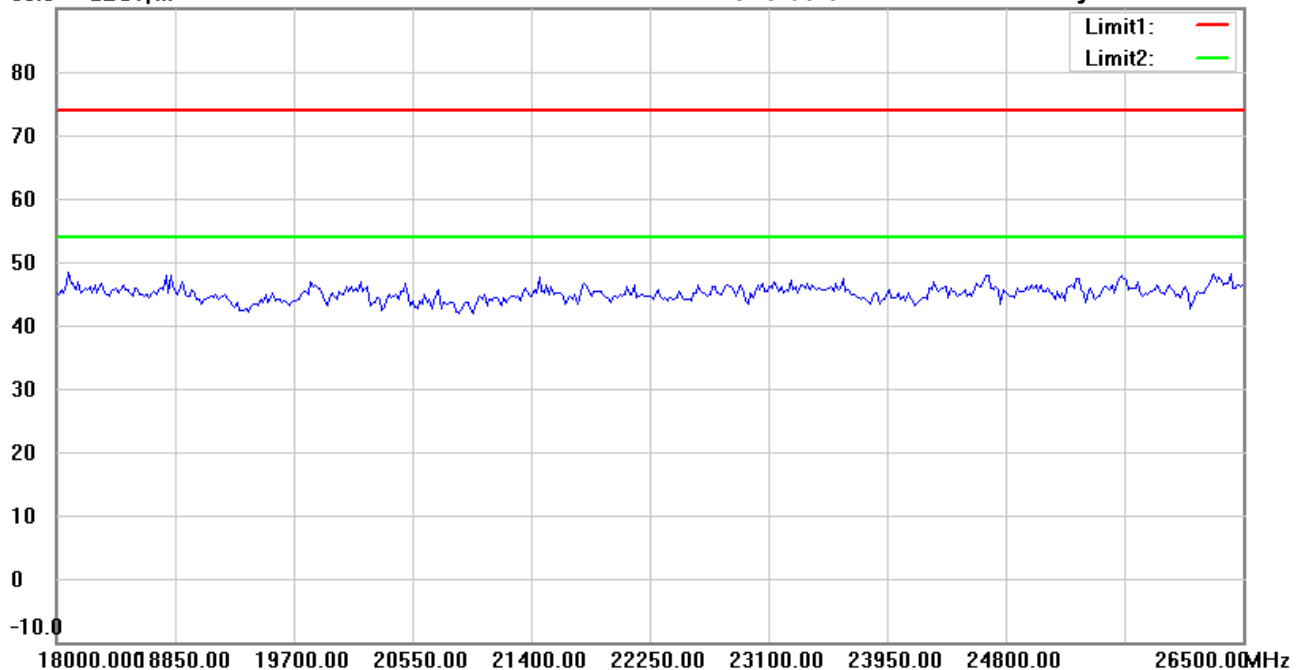
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 8:05:32 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH4

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: Vincent

File :3

Data :#10

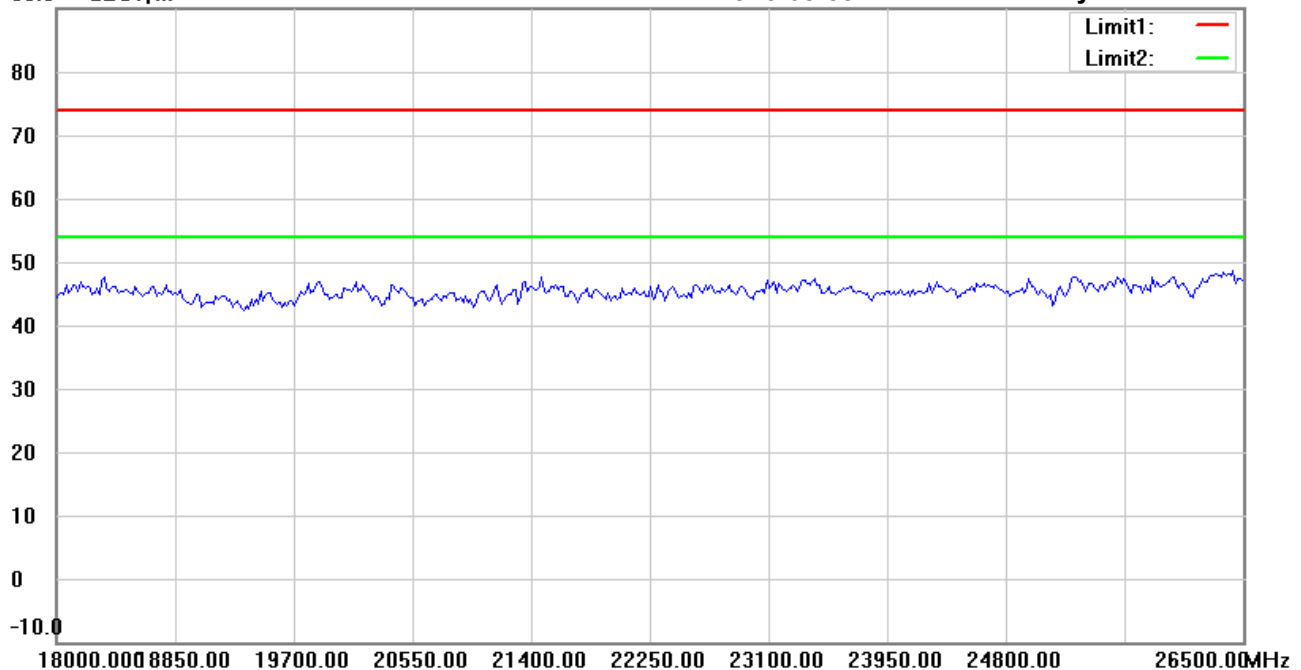
Date: 3/27/2021

Temperature: 24 °C

90.0 dBuV/m

Time: 8:08:58 PM

Humidity: 57.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH4

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: Sky

File : 3

Data : #1

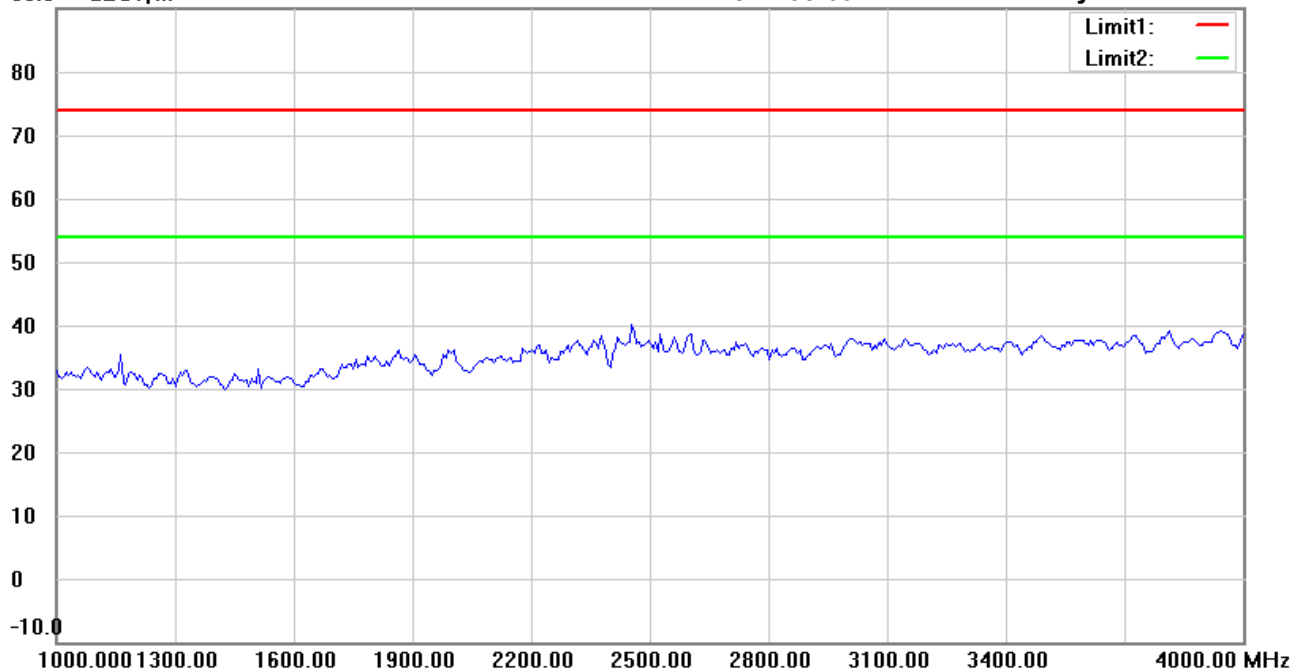
Date: 3/26/2021

Temperature: 22.1 °C

Time: 7:35:09 PM

Humidity: 64.9 %

90.0 dBuV/m



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH7

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: Sky

File : 3

Data : #6

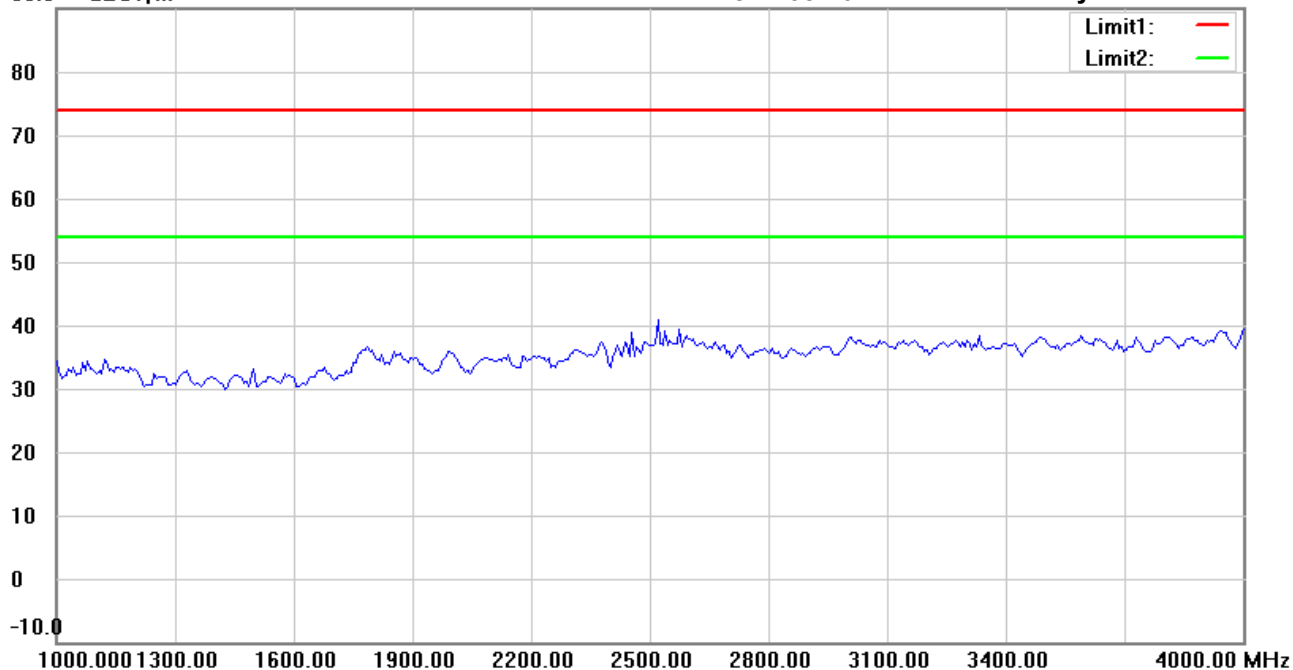
Date: 3/26/2021

Temperature: 22.1 °C

90.0 dBuV/m

Time: 7:38:40 PM

Humidity: 64.9 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH7

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: Sky

File : 3

Data : #2

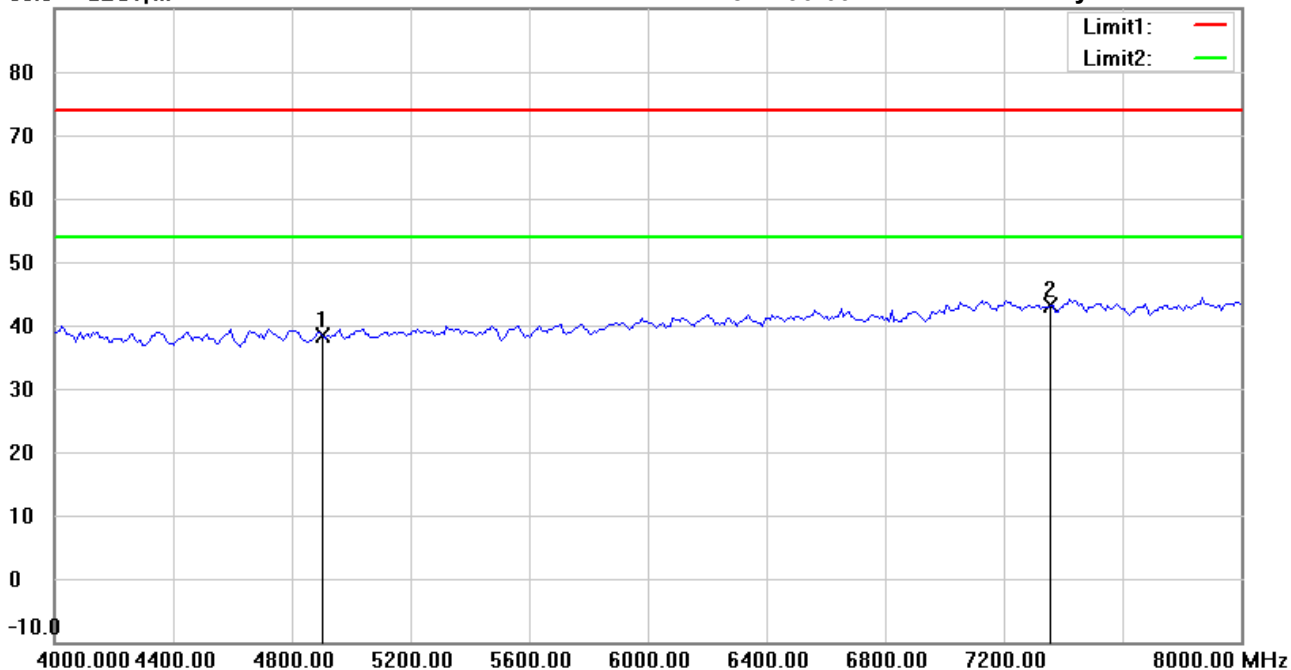
Date: 3/26/2021

Temperature: 22.1 °C

90.0 dBuV/m

Time: 7:36:09 PM

Humidity: 64.9 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH7

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4904.000        | 40.03          | peak     | -1.55               | 38.48           | 74.00          | 150          | 93             | -35.52      |         |
| *   | 7356.000        | 39.45          | peak     | 3.67                | 43.12           | 74.00          | 150          | 248            | -30.88      |         |

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



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# Radiated Emission Measurement

Operator: Sky

File : 3

Data : #7

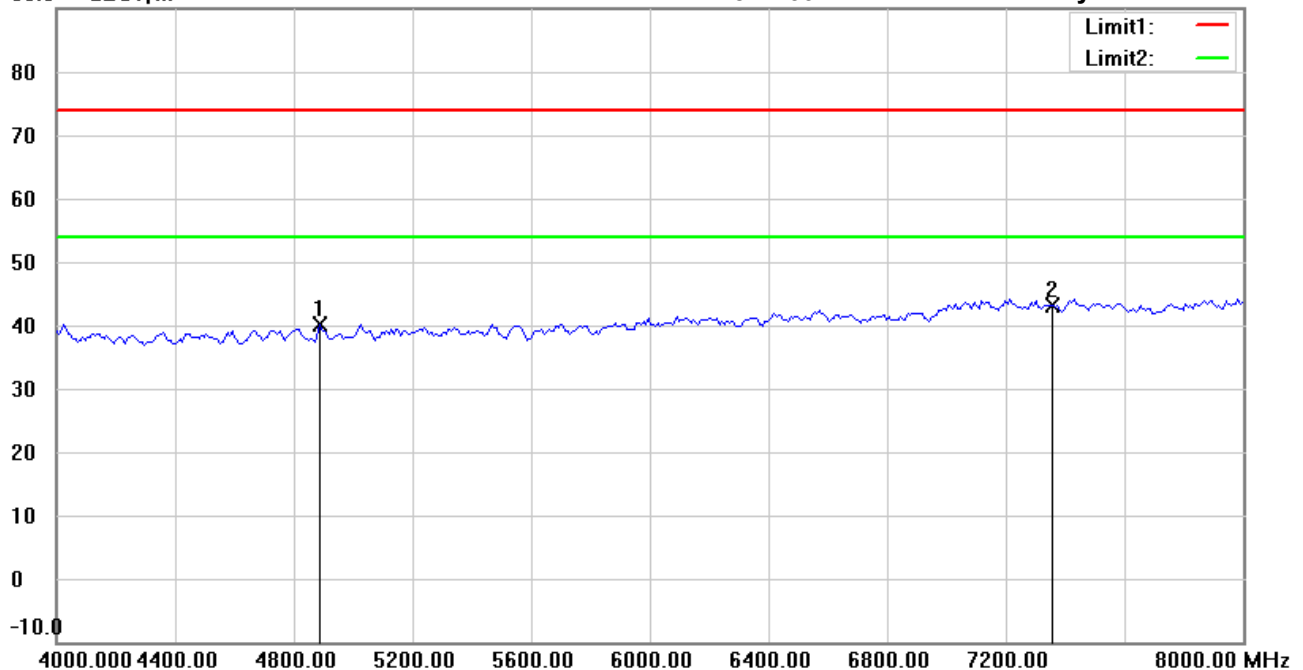
Date: 3/26/2021

Temperature: 22.1 °C

90.0 dBuV/m

Time: 7:39:41 PM

Humidity: 64.9 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH7

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4889.779        | 41.63          | peak     | -1.58               | 40.05           | 74.00          | 150          | 332            | -33.95      |         |
| *   | 7356.000        | 39.50          | peak     | 3.67                | 43.17           | 74.00          | 150          | 19             | -30.83      |         |

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



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Radiated Emission Measurement

Operator: Sky

File : 3

Data : #3

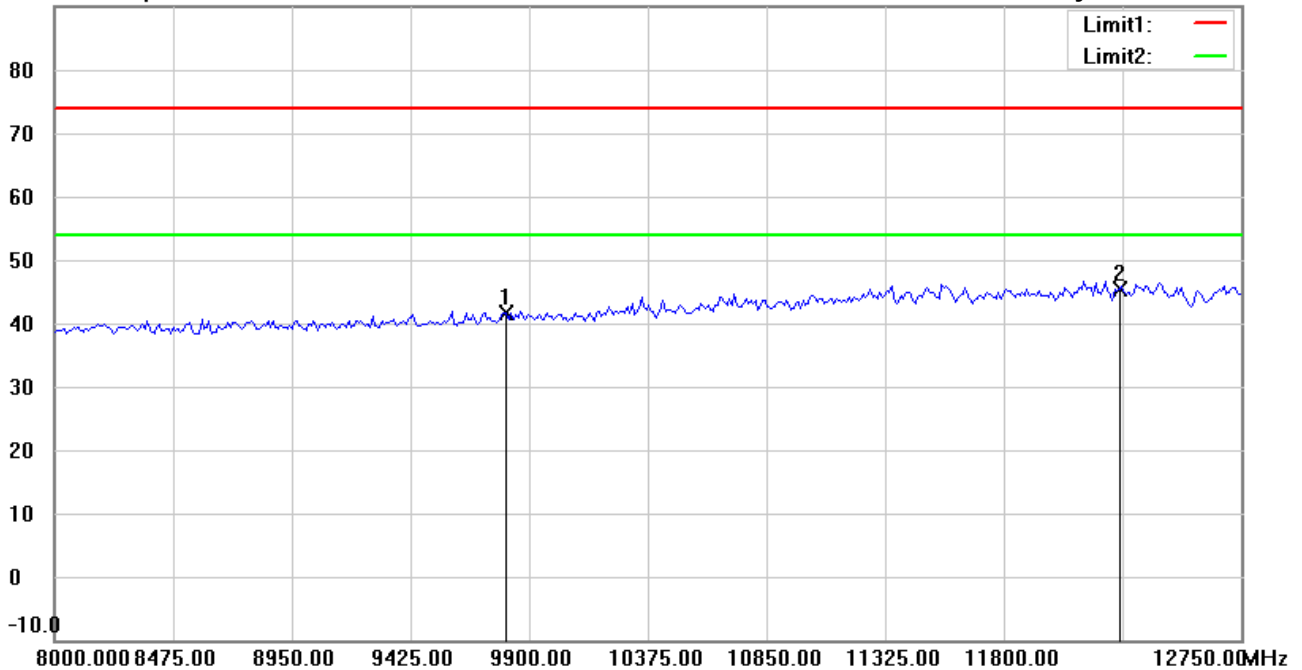
Date: 3/26/2021

Temperature: 22.1 °C

90.0 dBuV/m

Time: 7:37:16 PM

Humidity: 64.9 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH7

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9808.000        | 34.81          | peak     | 6.92                | 41.73           | 74.00          | 150          | 251            | -32.27      |         |
| *   | 12260.000       | 32.94          | peak     | 12.54               | 45.48           | 74.00          | 150          | 40             | -28.52      |         |

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



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# Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

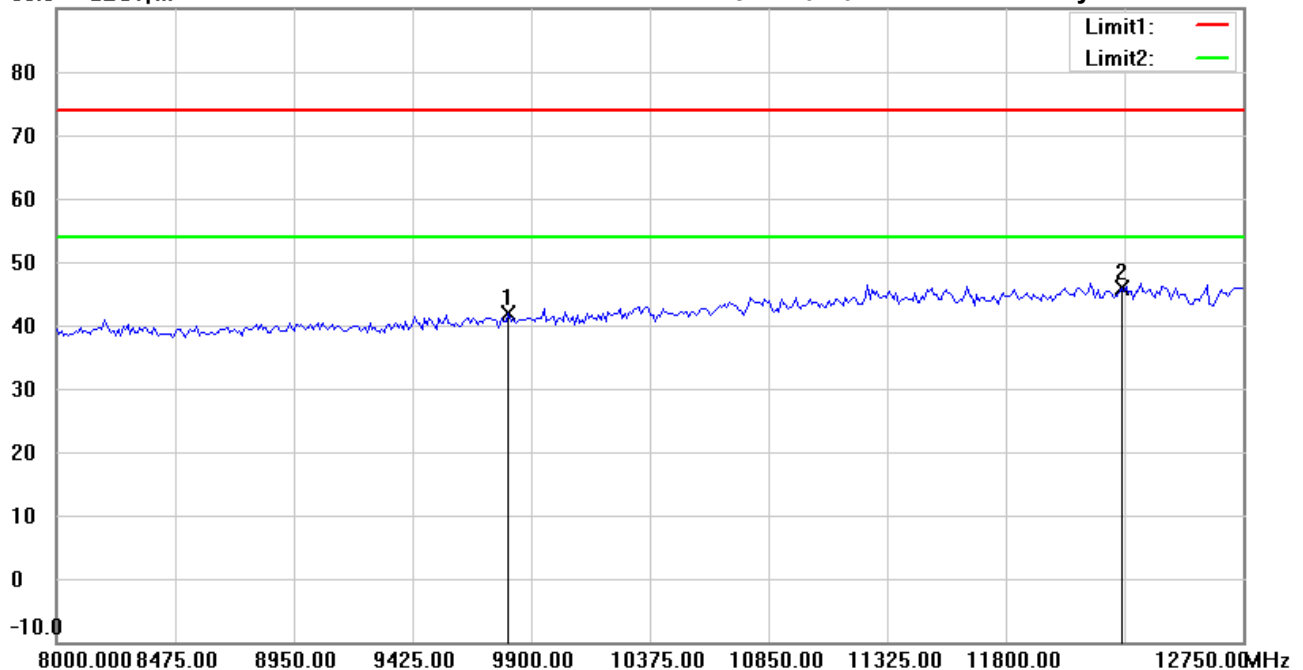
Date: 3/26/2021

Temperature: 22.1 °C

90.0 dBuV/m

Time: 7:40:40 PM

Humidity: 64.9 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH7

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9808.000        | 34.87          | peak     | 6.92                | 41.79           | 74.00          | 150          | 147            | -32.21      |         |
| *   | 12260.000       | 33.29          | peak     | 12.54               | 45.83           | 74.00          | 150          | 255            | -28.17      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
Tel: +886-2-6606-8877  
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File : 3

Data : #4

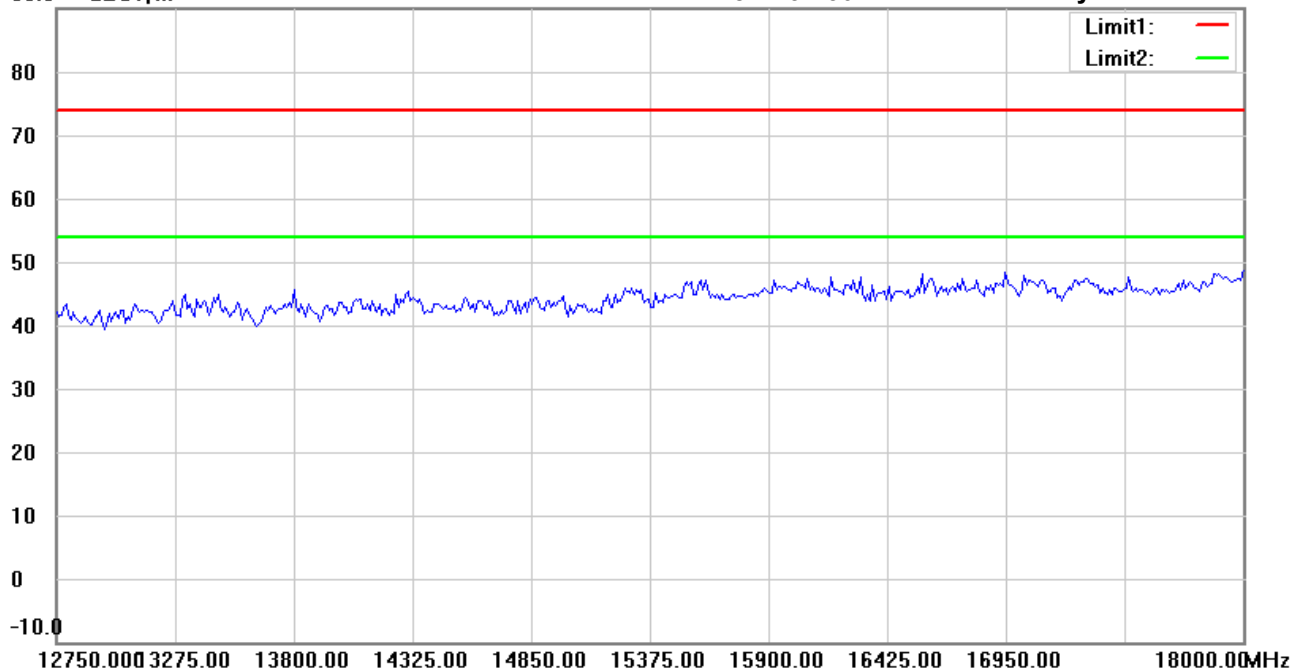
Date: 3/26/2021

Temperature: 22.1 °C

90.0 dBuV/m

Time: 7:37:30 PM

Humidity: 64.9 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH7

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: Sky

File :3

Data :#9

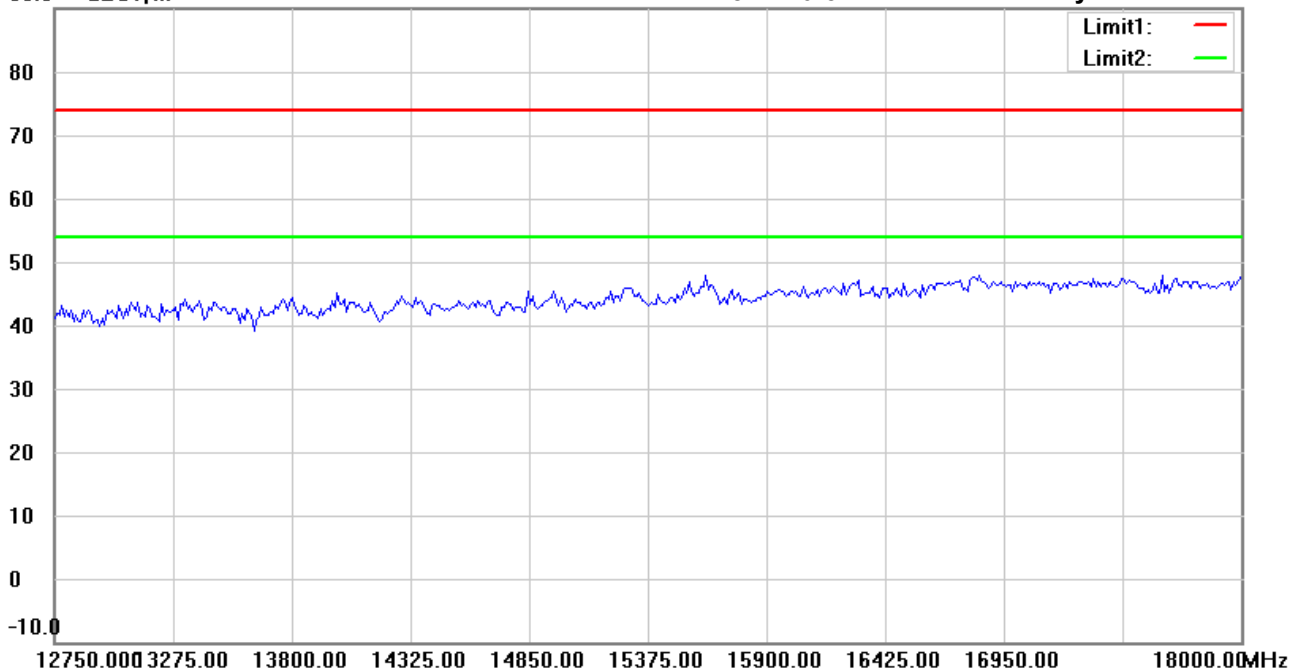
Date: 3/26/2021

Temperature: 22.1 °C

90.0 dBuV/m

Time: 7:40:54 PM

Humidity: 64.9 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH7

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: Sky

File :3

Data :#5

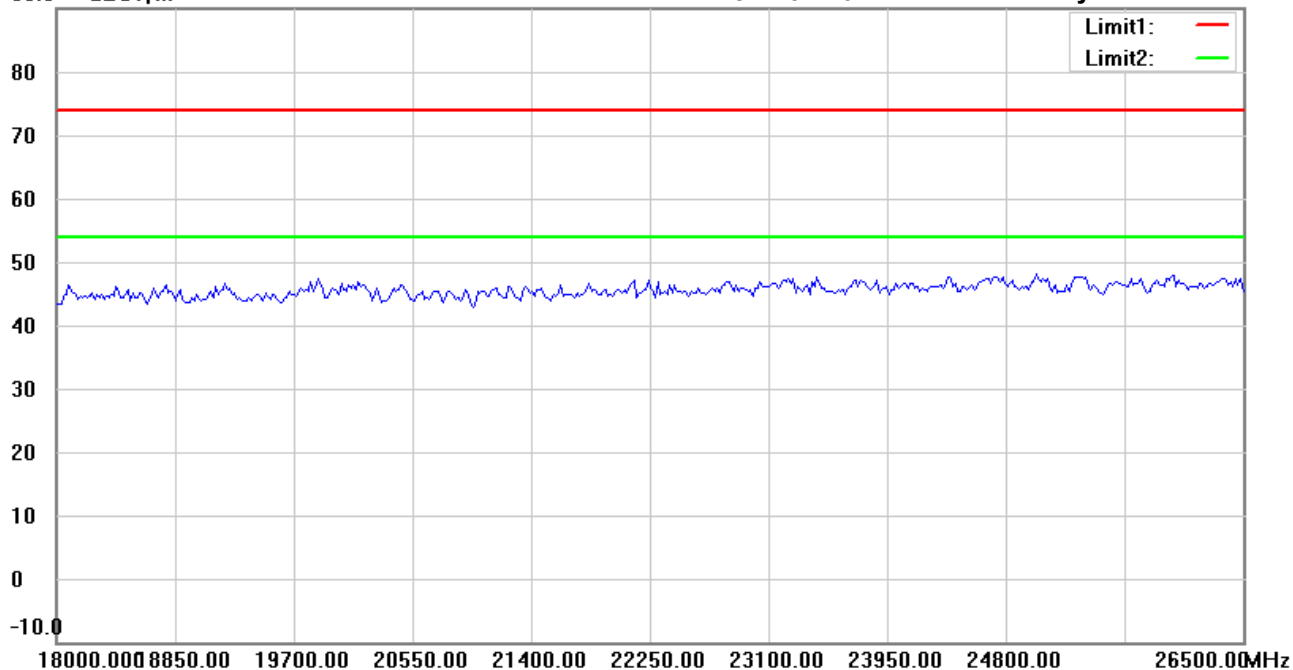
Date: 3/26/2021

Temperature: 22.1 °C

90.0 dBuV/m

Time: 7:37:40 PM

Humidity: 64.9 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH7

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: Sky

File :3

Data :#10

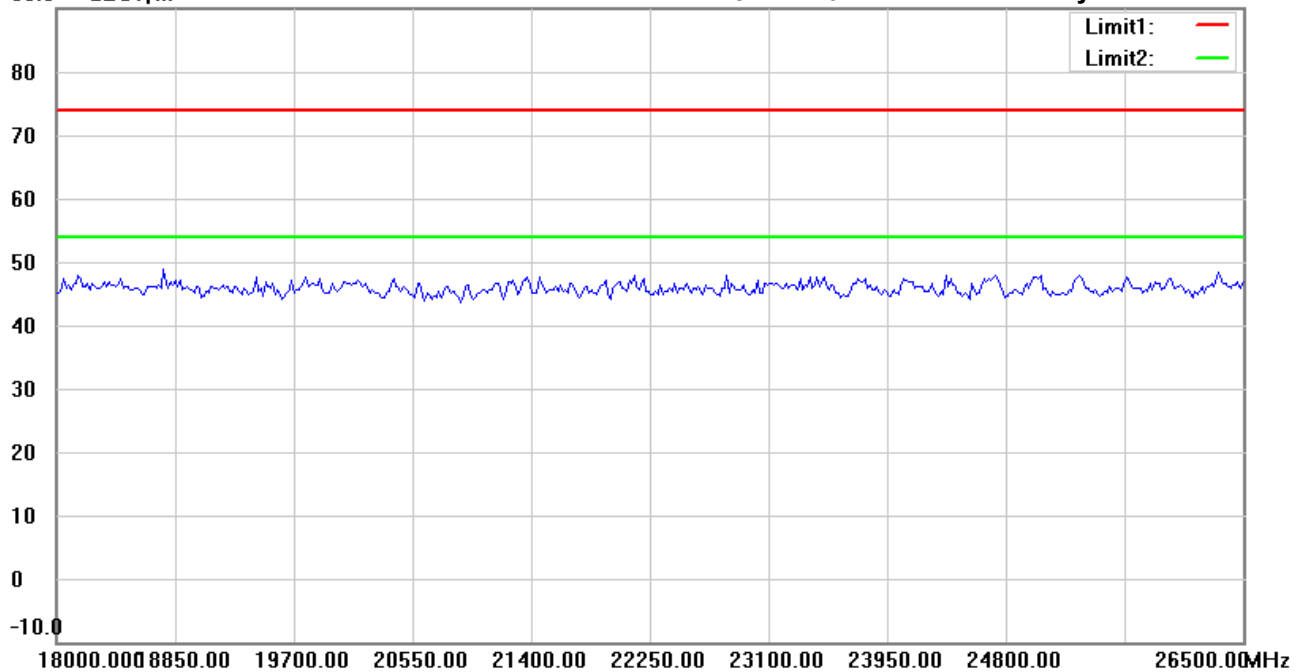
Date: 3/26/2021

Temperature: 22.1 °C

90.0 dBuV/m

Time: 7:41:04 PM

Humidity: 64.9 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 802.11n40 CH7

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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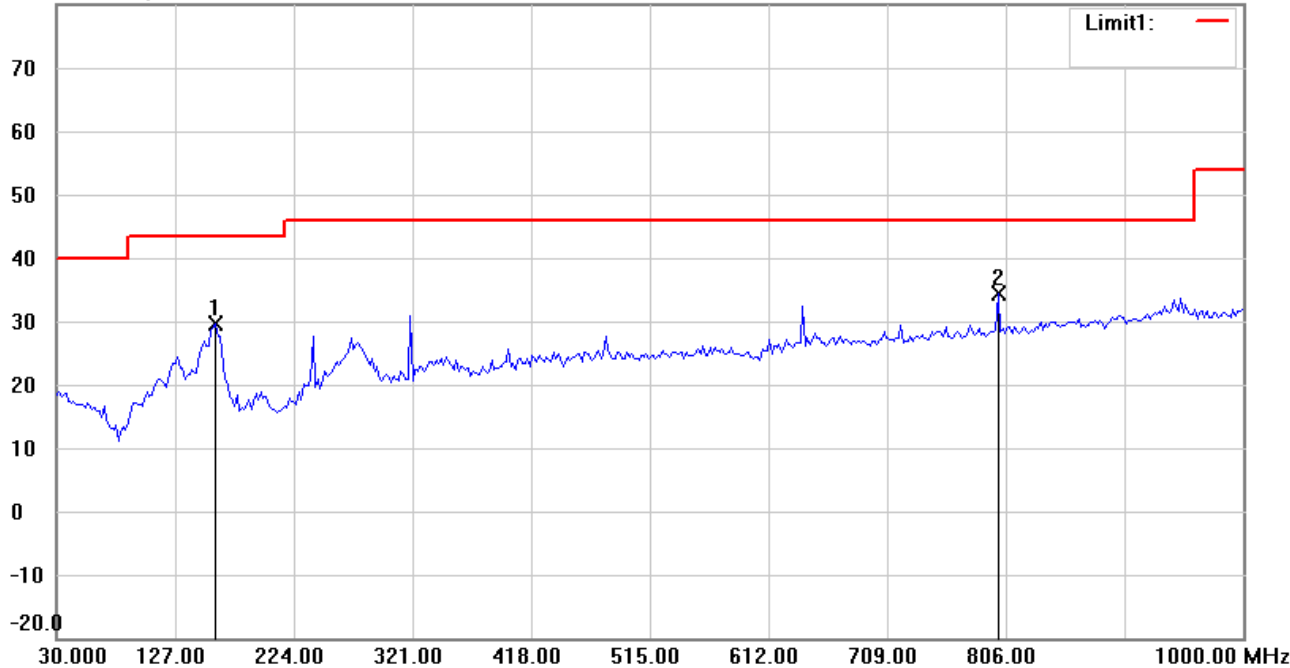
Radiated Emission Measurement

Operator: Sky  
Temperature:25.8 °C  
Humidity:68.4 %

File :1\_BT\_TX  
80.0 dBuV/m

Data :#1

Date: 3/31/2021  
Time: 10:04:54 PM



Site : Chamber  
Condition : FCC\_part 15 RE-Class C\_30-1000MHz  
EUT : W6M22103-20740  
M/N:  
Test Mode : TX 2402MHz  
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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 160.2405        | 38.47          | peak     | -8.73               | 29.74           | 43.50          | 100          | 130            | -13.76      |         |
| *   | 799.7796        | 32.83          | peak     | 1.65                | 34.48           | 46.00          | 100          | 25             | -11.52      |         |

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



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Radiated Emission Measurement

Operator: Sky

File : 1\_BT\_TX

Data : #2

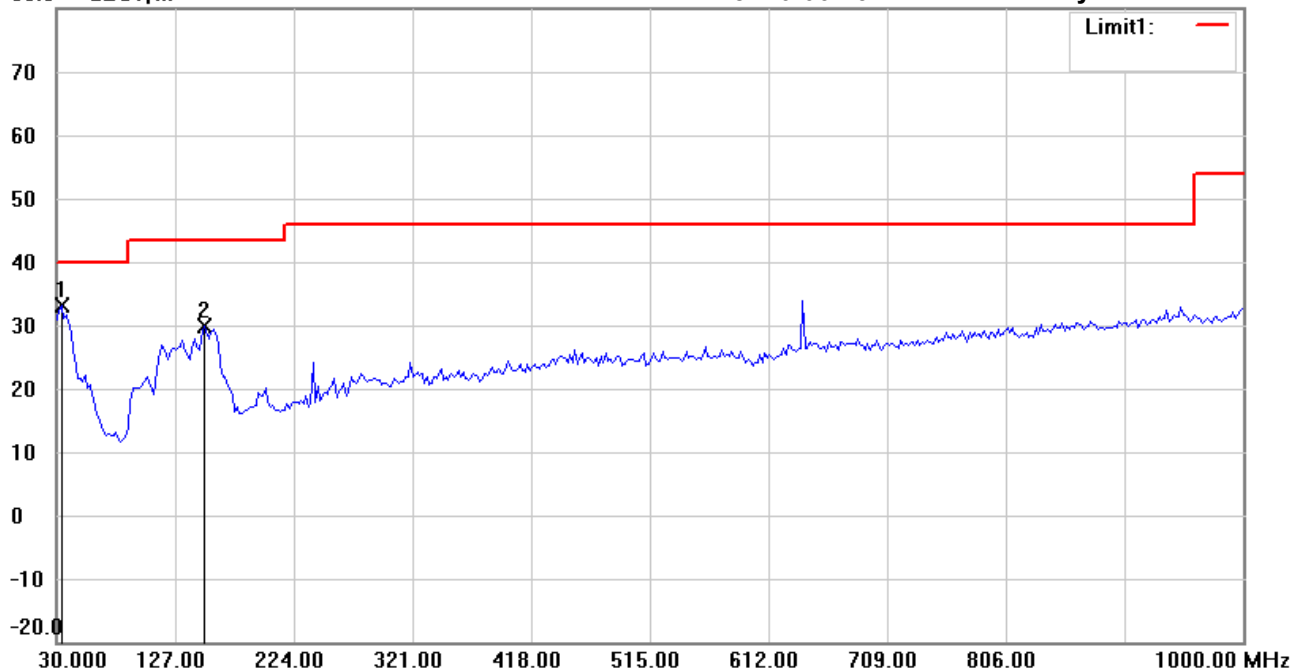
Date: 3/31/2021

Temperature: 25.8 °C

80.0 dBuV/m

Time: 10:06:13 PM

Humidity: 68.4 %



Site : Chamber

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

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 33.8878         | 41.78          | peak     | -8.68               | 33.10           | 40.00          | 108          | 81             | -6.90       |         |
|     | 150.5210        | 37.24          | peak     | -7.33               | 29.91           | 43.50          | 100          | 241            | -13.59      |         |

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



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# Radiated Emission Measurement

Operator: Sky

File : 3

Data : #1

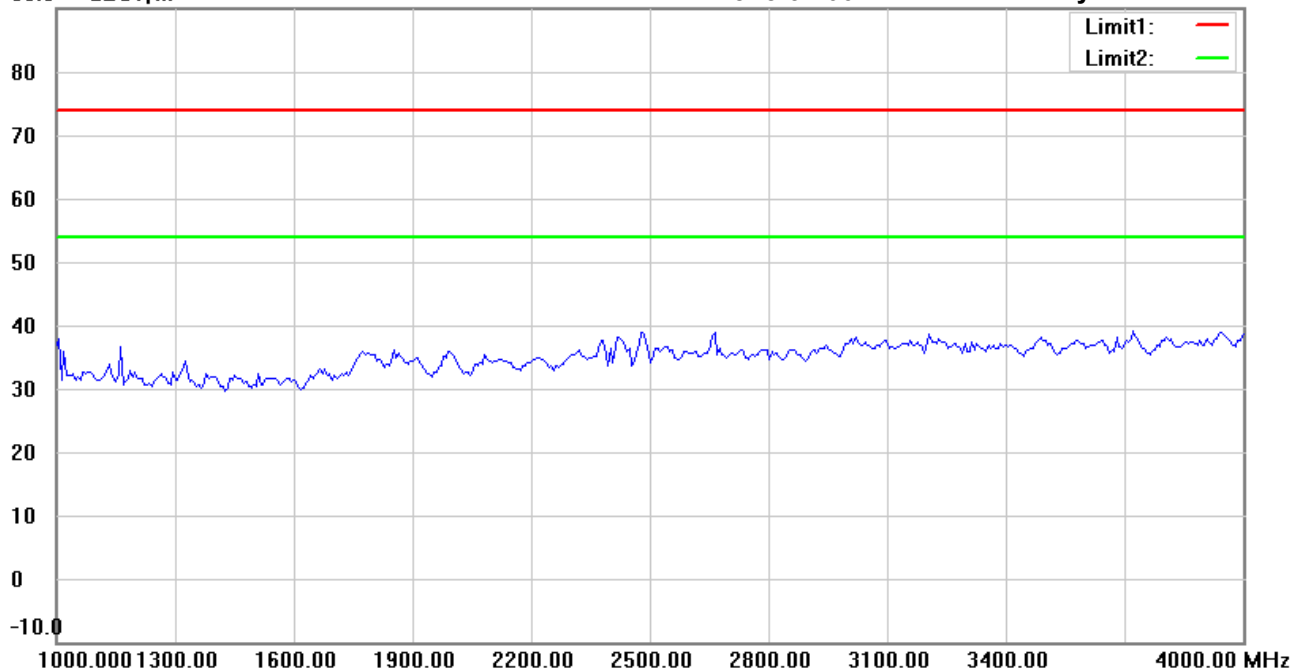
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:34:06 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File : 3

Data : #6

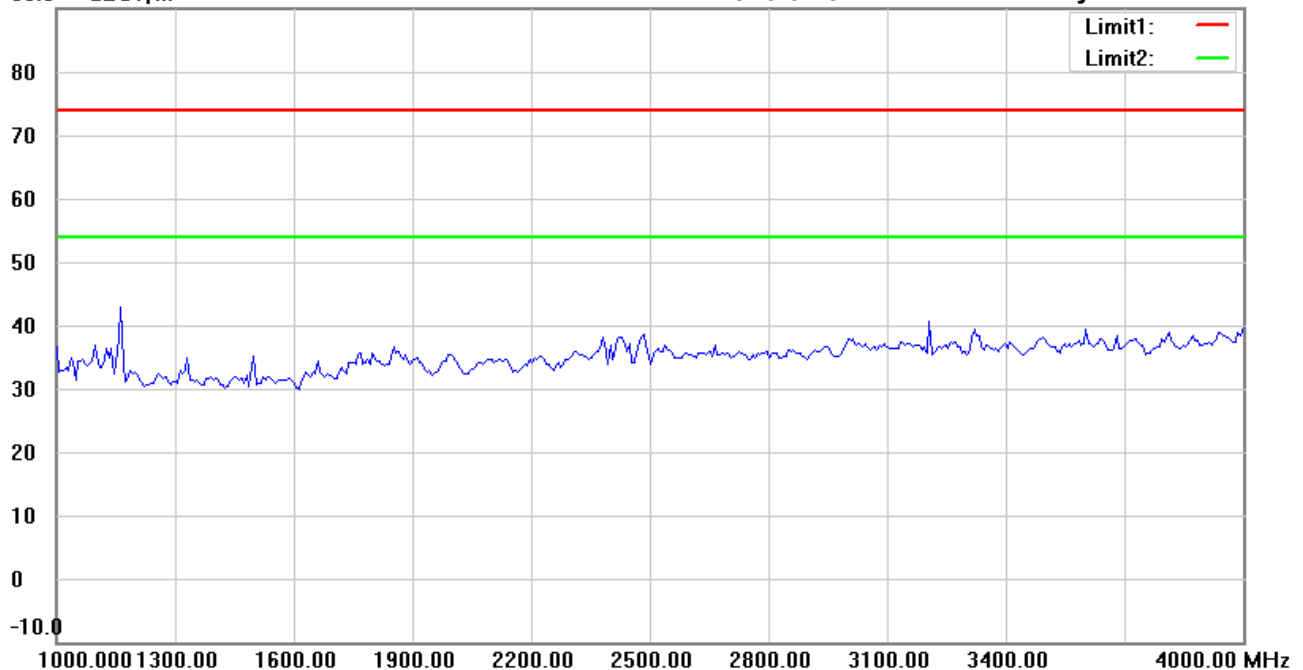
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:37:37 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File : 3

Data : #2

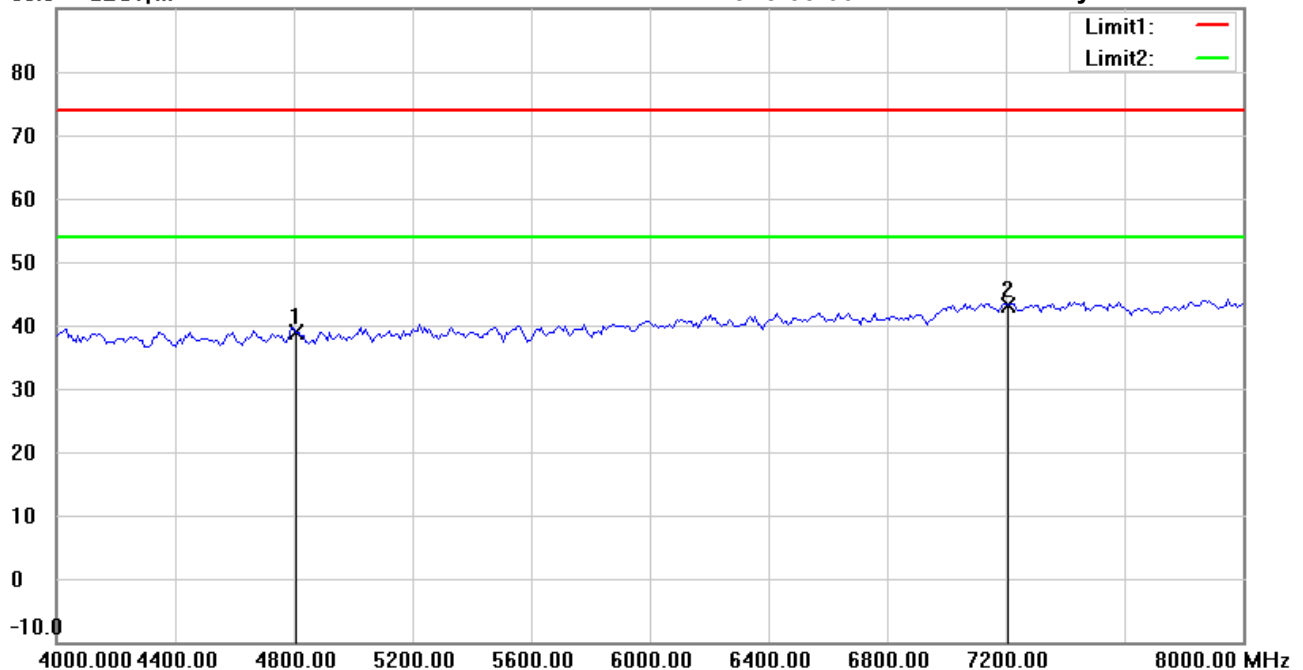
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:35:06 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4804.000        | 40.73          | peak     | -1.75               | 38.98           | 74.00          | 150          | 19             | -35.02      |         |
| *   | 7206.000        | 39.69          | peak     | 3.32                | 43.01           | 74.00          | 150          | 287            | -30.99      |         |

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



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Radiated Emission Measurement

Operator: Sky

File : 3

Data : #7

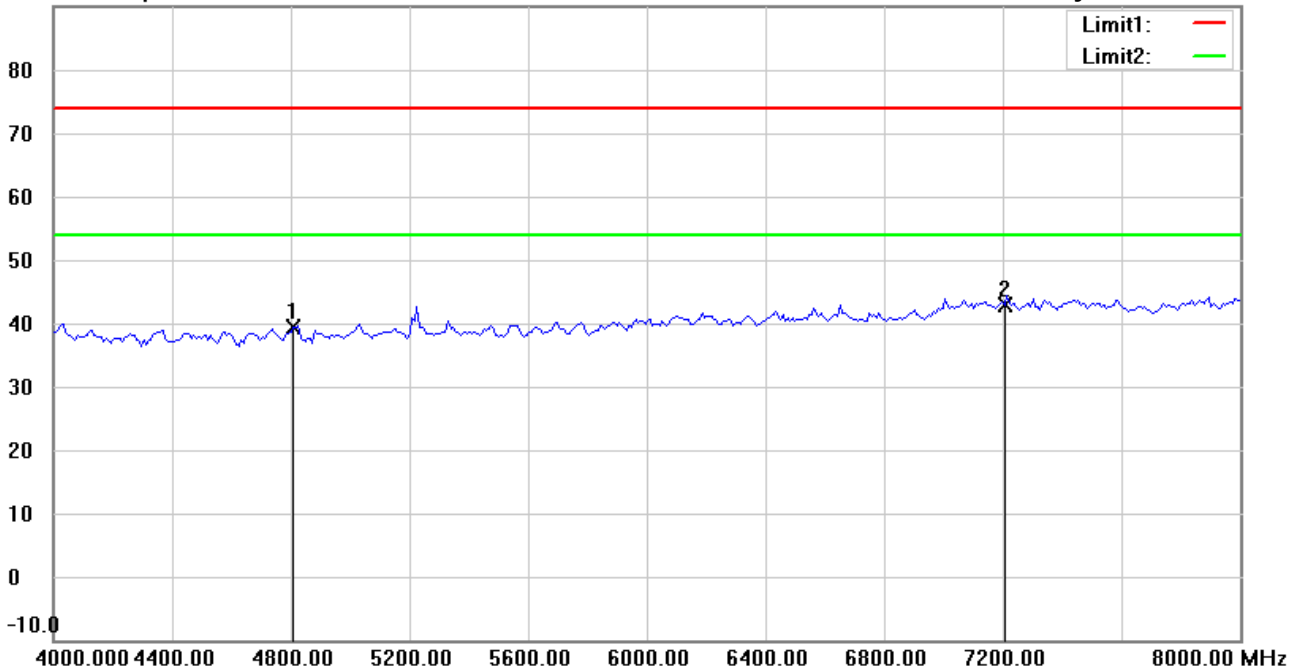
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:38:38 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4804.000        | 41.23          | peak     | -1.75               | 39.48           | 74.00          | 150          | 83             | -34.52      |         |
| *   | 7206.000        | 39.67          | peak     | 3.32                | 42.99           | 74.00          | 150          | 330            | -31.01      |         |

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



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

Operator: Sky

File :3

Data :#3

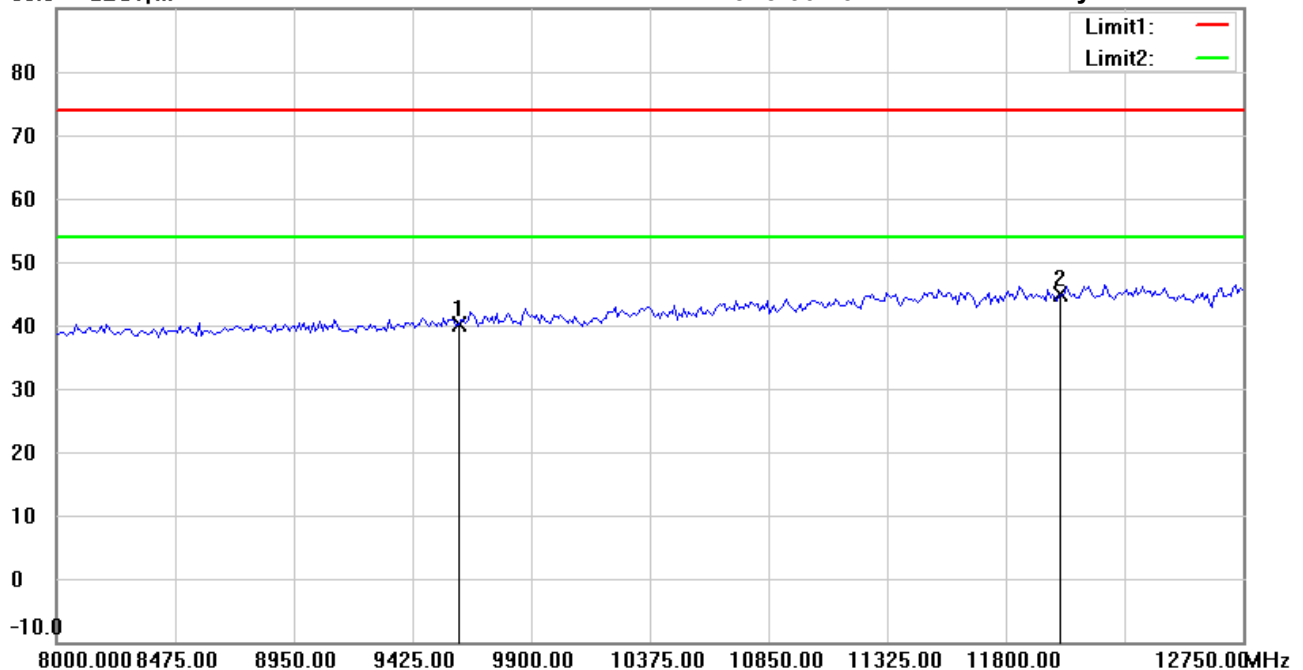
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:36:13 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9608.000        | 33.38          | peak     | 6.70                | 40.08           | 74.00          | 150          | 41             | -33.92      |         |
| *   | 12010.000       | 33.32          | peak     | 11.68               | 45.00           | 74.00          | 150          | 271            | -29.00      |         |

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



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### Radiated Emission Measurement

Operator: Sky

File : 3

Data : #8

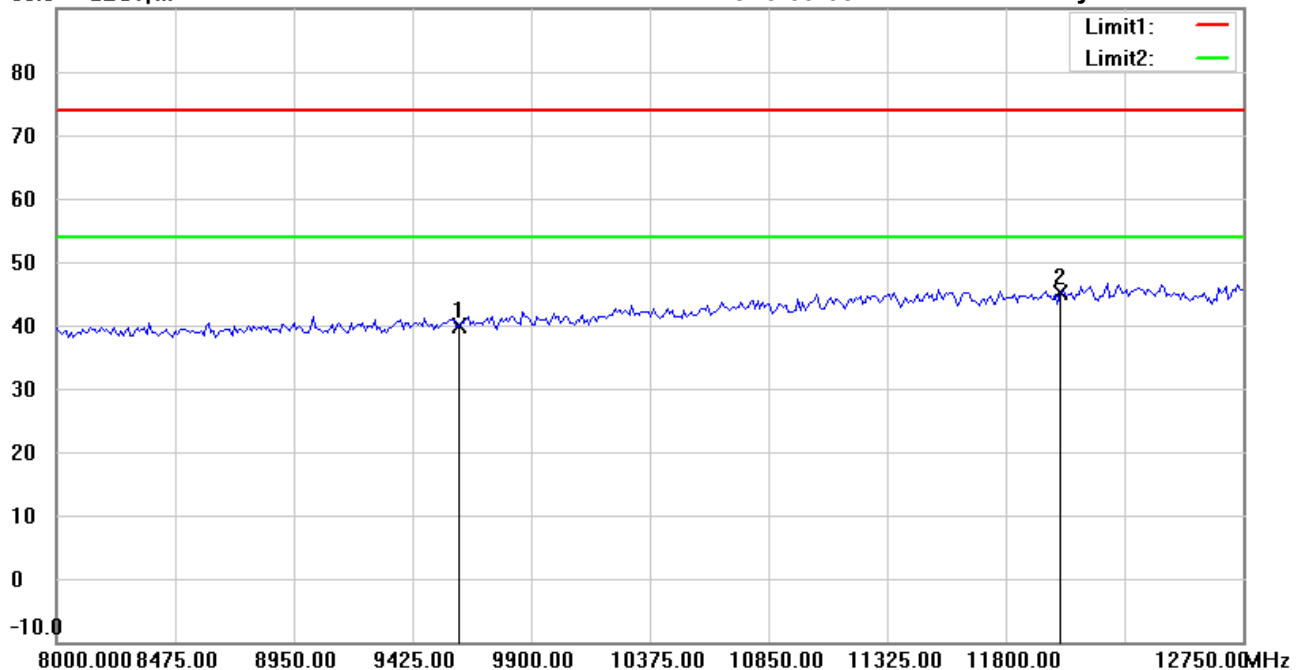
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:39:38 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9608.000        | 33.30          | peak     | 6.70                | 40.00           | 74.00          | 150          | 221            | -34.00      |         |
| *   | 12010.000       | 33.33          | peak     | 11.68               | 45.01           | 74.00          | 150          | 199            | -28.99      |         |

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



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Radiated Emission Measurement

Operator: Sky

File : 3

Data : #4

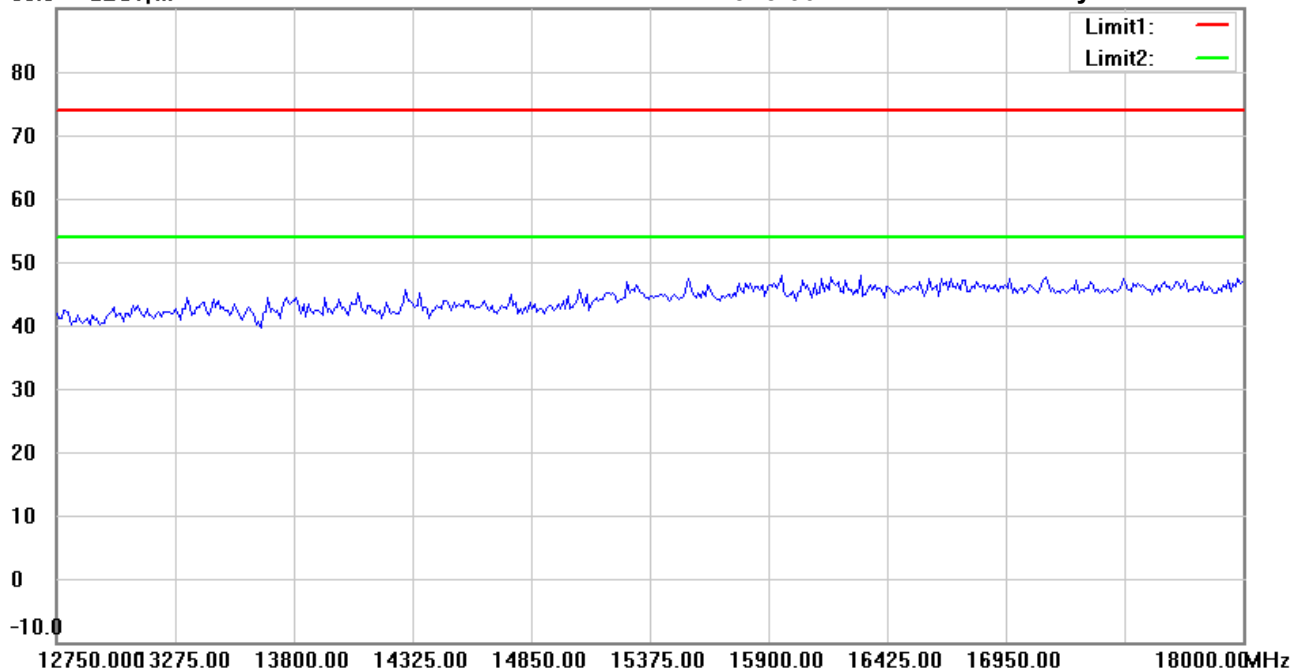
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:36:27 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File : 3

Data : #9

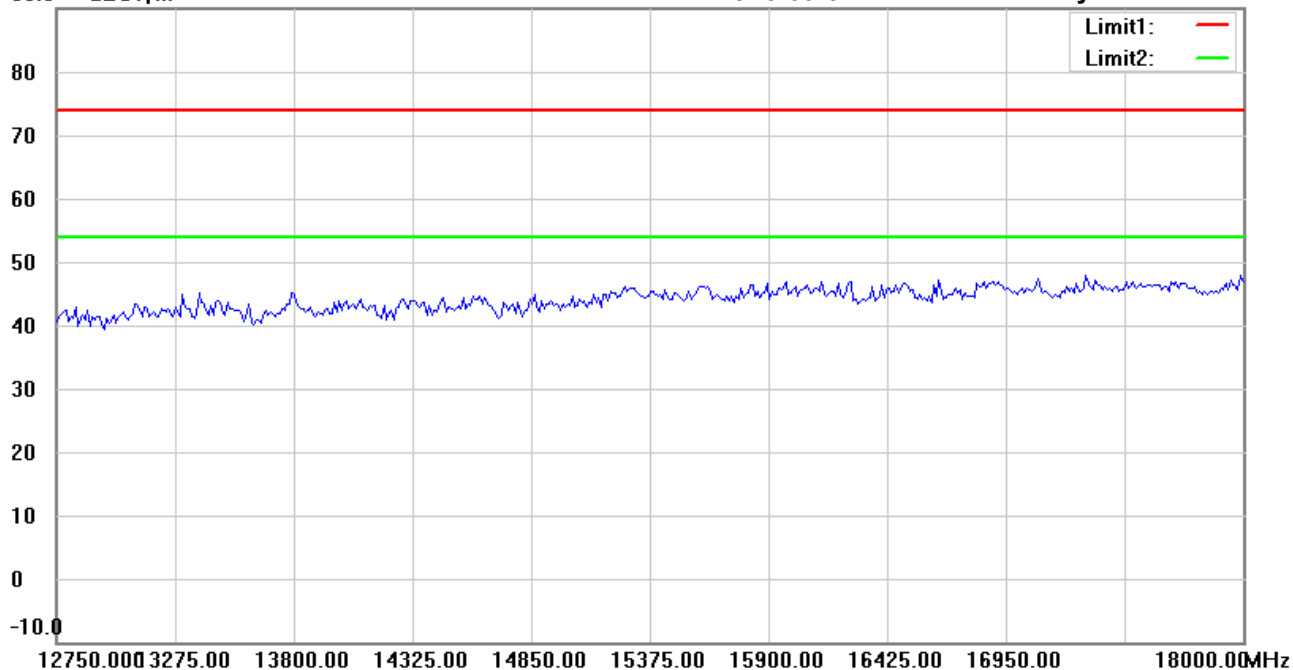
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:39:51 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File : 3

Data : #5

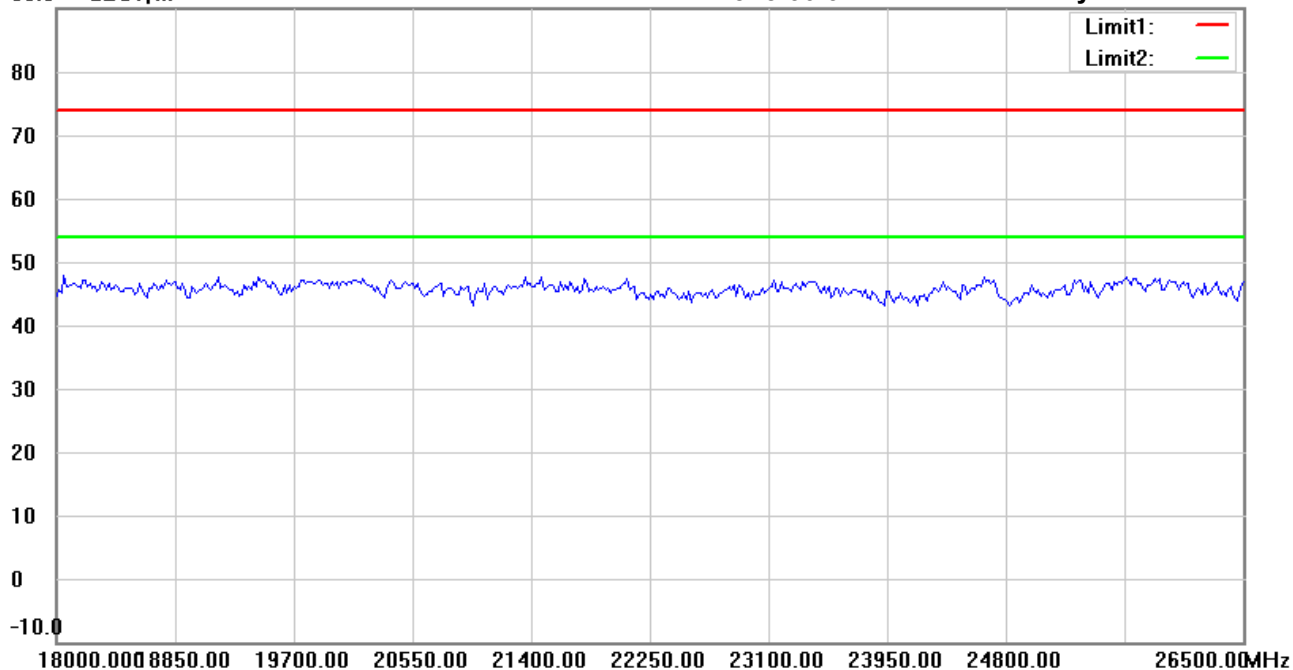
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:36:37 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File : 3

Data : #10

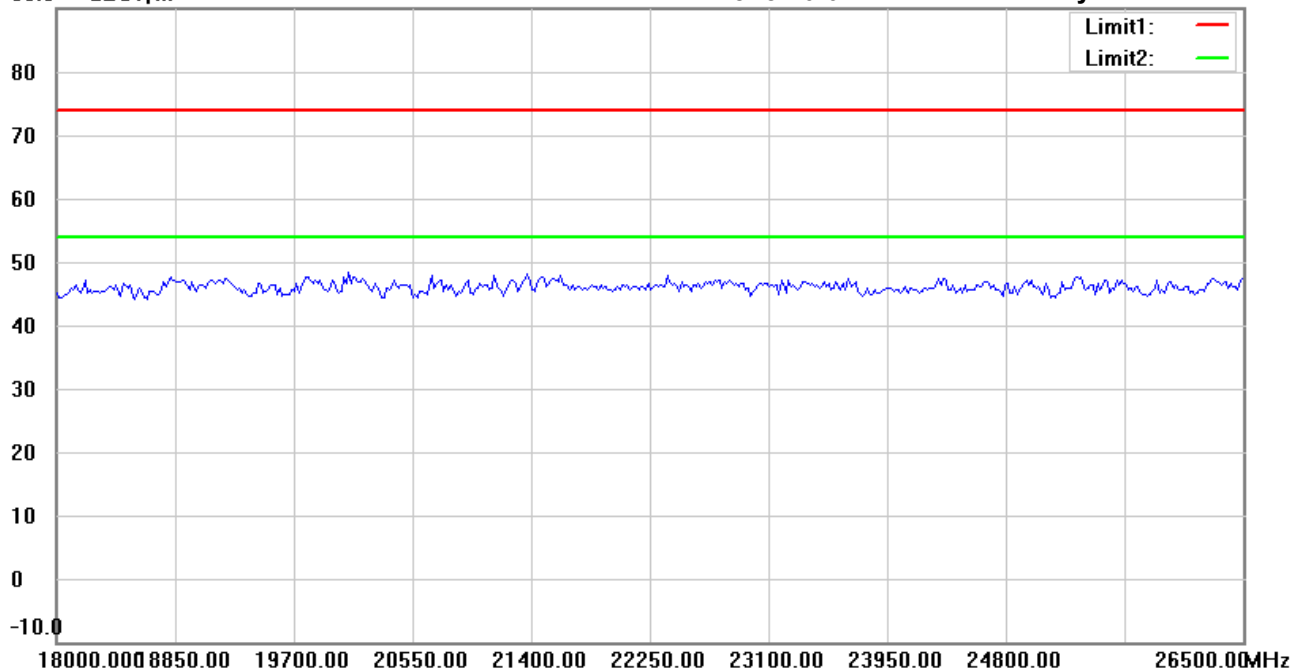
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:40:01 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File :3

Data :#1

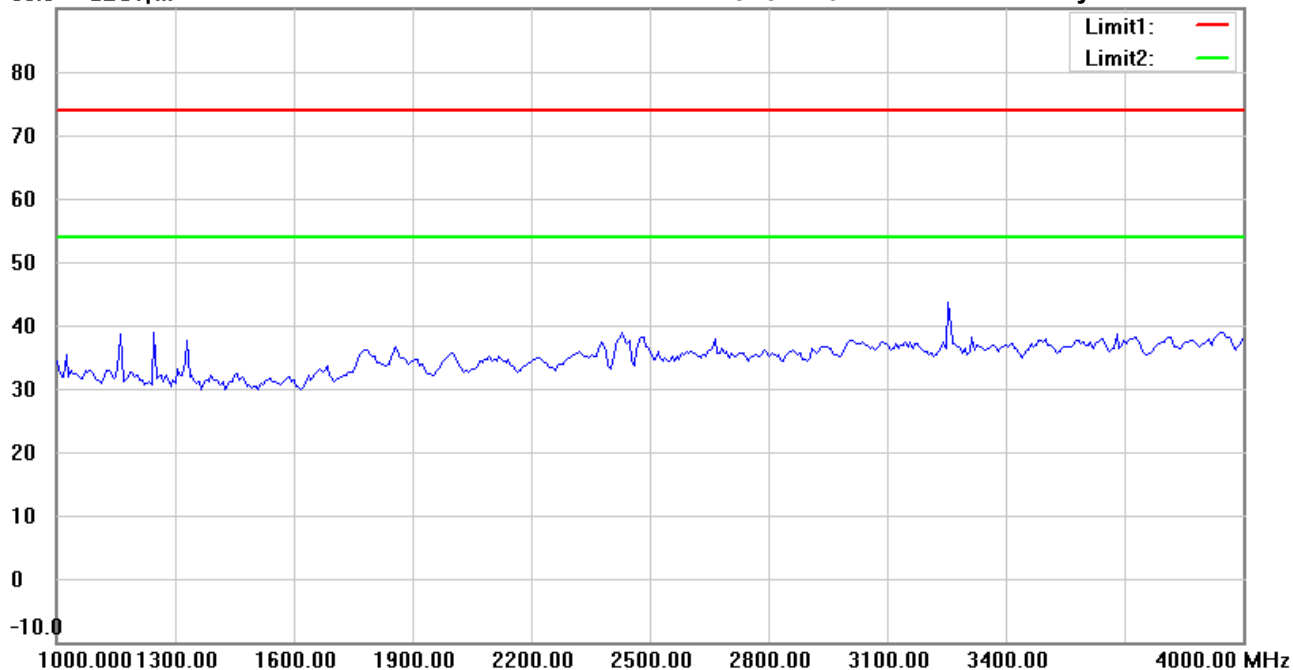
Date: 3/31/2021

Temperature:25.8 °C

90.0 dBuV/m

Time: 8:22:37 PM

Humidity:68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2441MHz

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: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File : 3

Data : #6

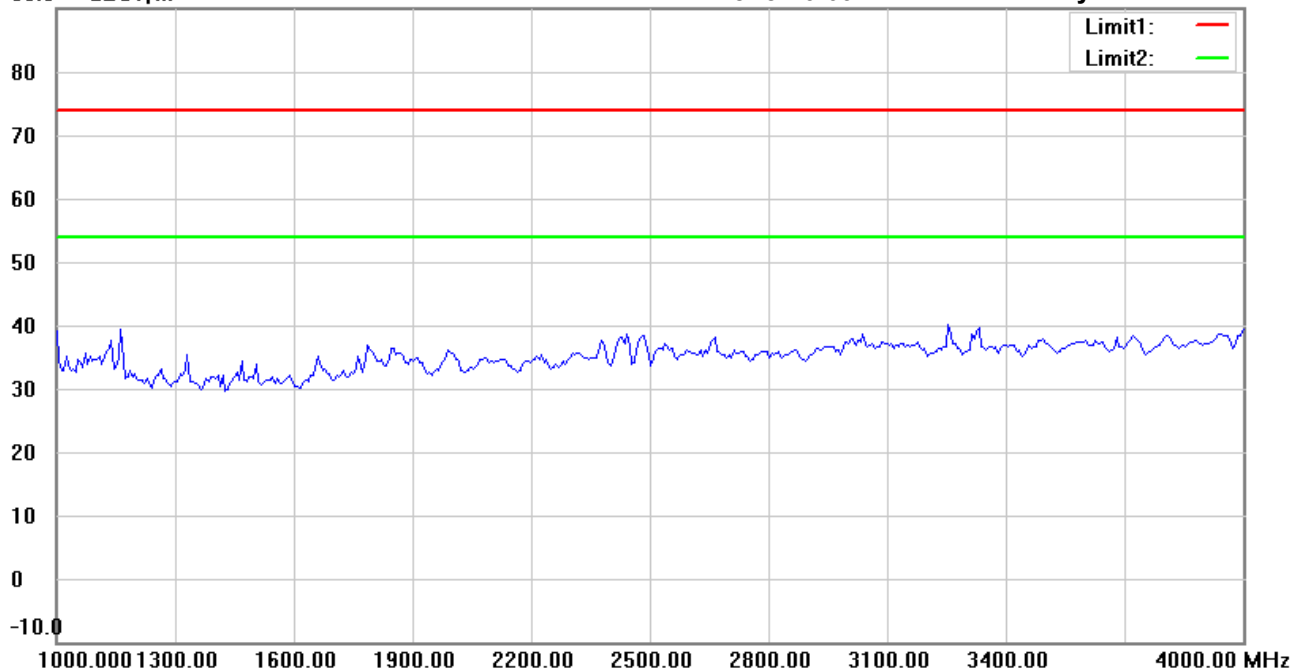
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:26:09 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2441MHz

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: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File : 3

Data : #2

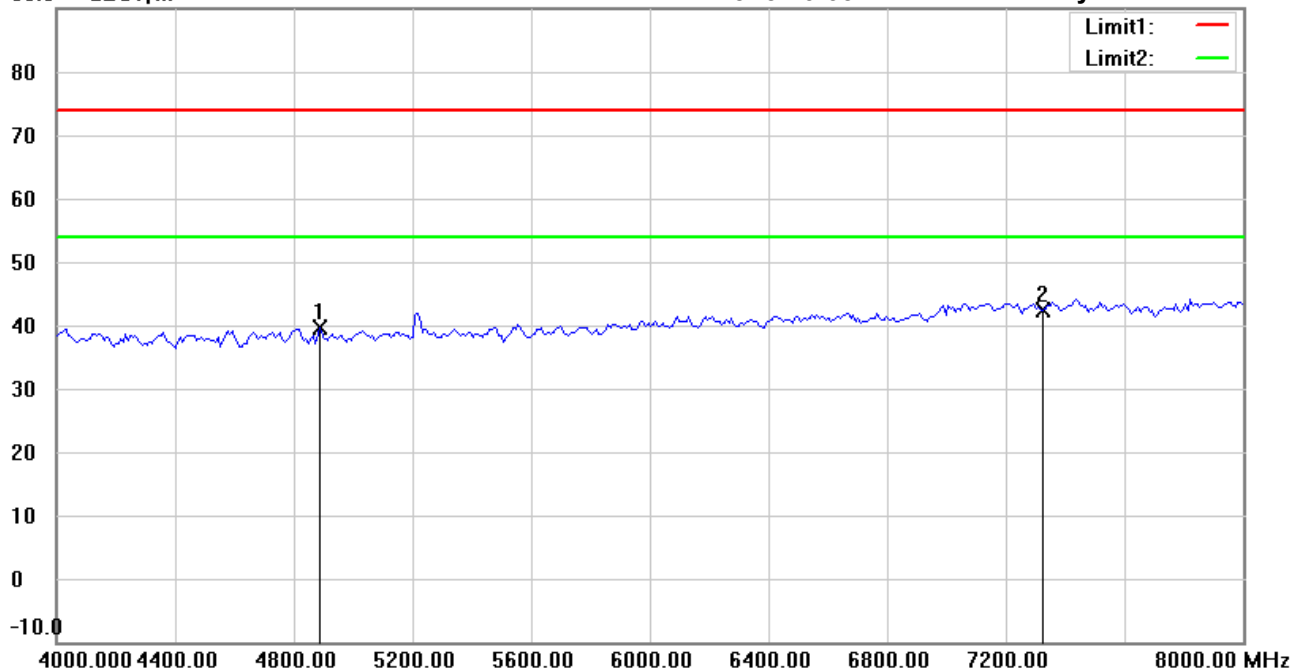
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:23:38 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2441MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4882.000        | 41.18          | peak     | -1.60               | 39.58           | 74.00          | 150          | 241            | -34.42      |         |
| *   | 7323.000        | 38.82          | peak     | 3.53                | 42.35           | 74.00          | 150          | 73             | -31.65      |         |

\*: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: Sky

File : 3

Data : #7

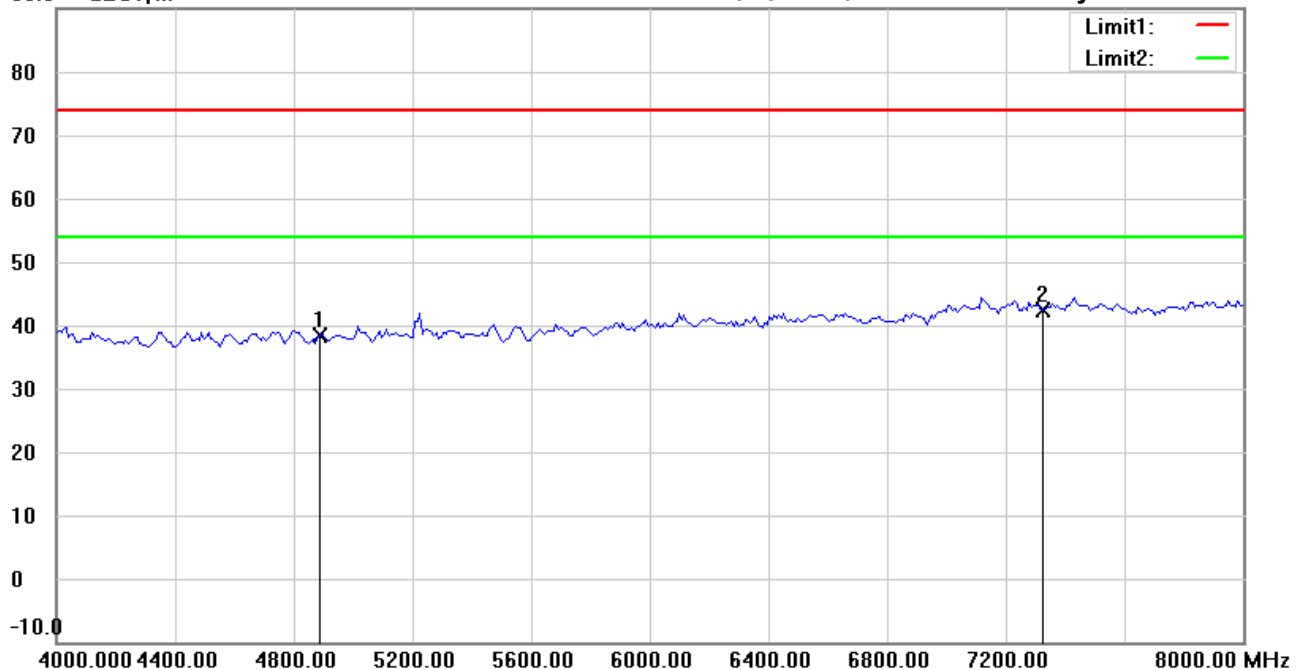
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:27:10 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2441MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4882.000        | 40.05          | peak     | -1.60               | 38.45           | 74.00          | 150          | 30             | -35.55      |         |
| *   | 7323.000        | 38.90          | peak     | 3.53                | 42.43           | 74.00          | 150          | 116            | -31.57      |         |

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



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

Operator: Sky

File : 3

Data : #3

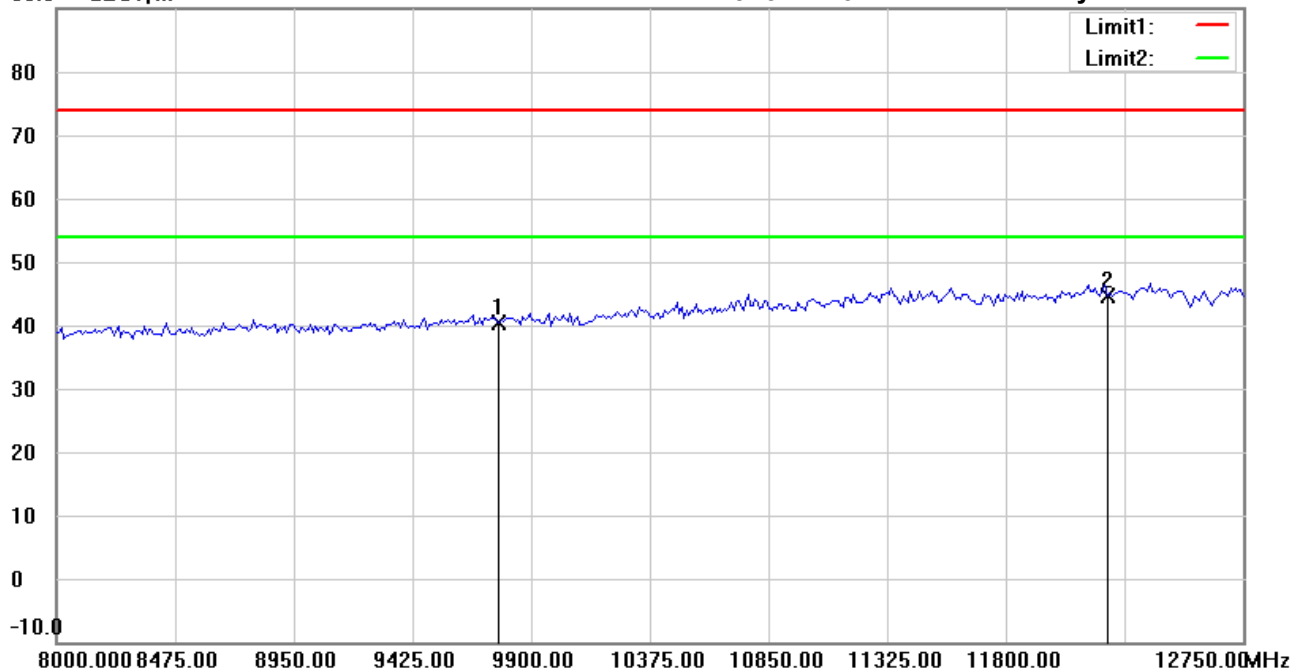
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:24:45 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2441MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9764.000        | 33.43          | peak     | 6.85                | 40.28           | 74.00          | 150          | 66             | -33.72      |         |
| *   | 12205.000       | 31.65          | peak     | 12.98               | 44.63           | 74.00          | 150          | 312            | -29.37      |         |

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



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Radiated Emission Measurement

Operator: Sky

File : 3

Data : #8

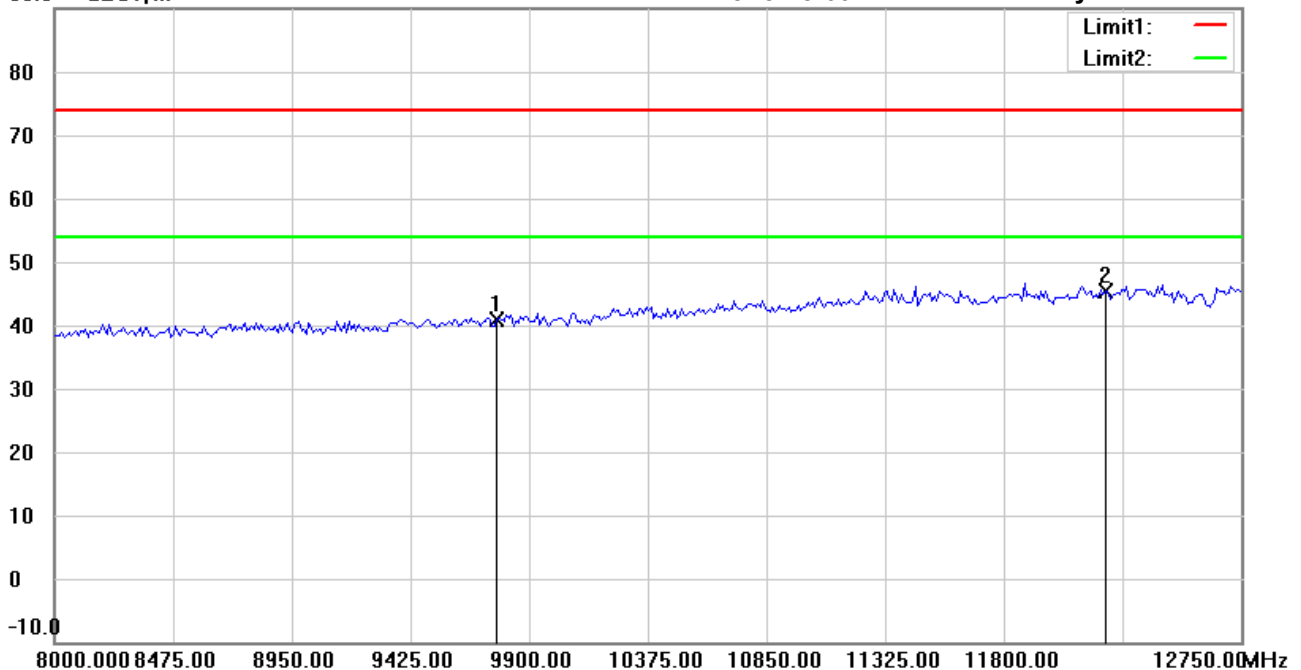
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:28:09 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2441MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9764.000        | 34.13          | peak     | 6.85                | 40.98           | 74.00          | 150          | 225            | -33.02      |         |
| *   | 12205.000       | 32.51          | peak     | 12.98               | 45.49           | 74.00          | 150          | 140            | -28.51      |         |

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



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Radiated Emission Measurement

Operator: Sky

File : 3

Data : #4

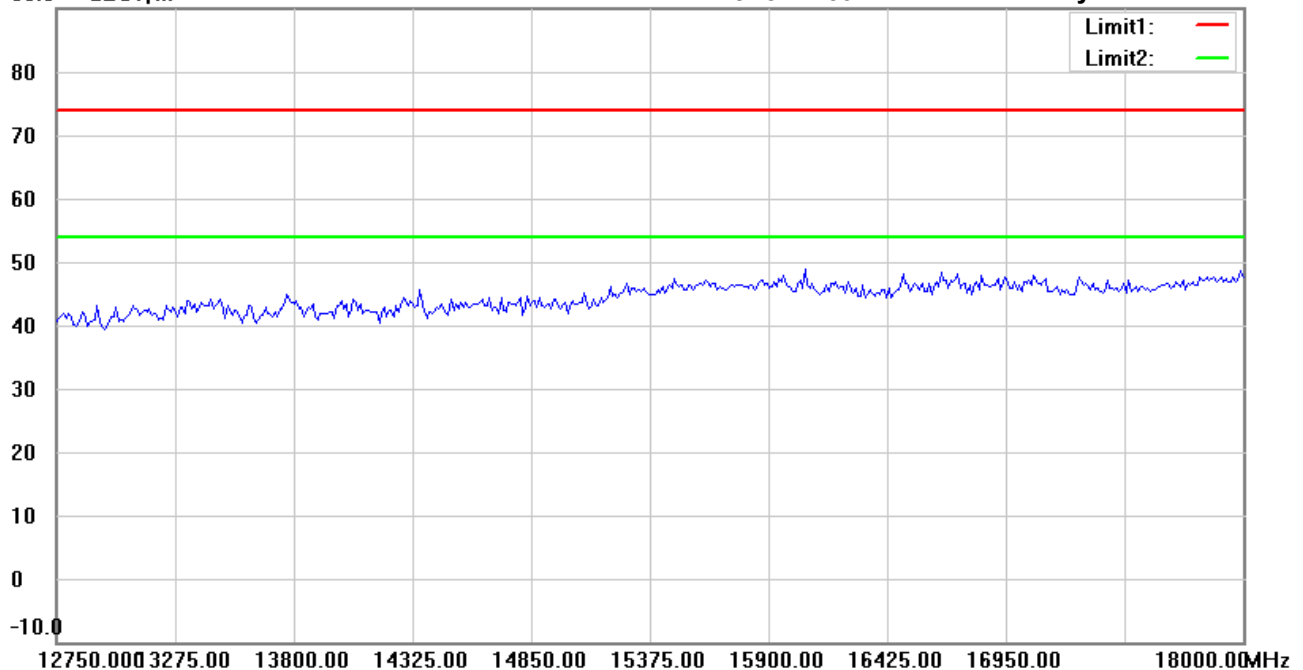
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:24:59 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2441MHz

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: Sky

File : 3

Data : #9

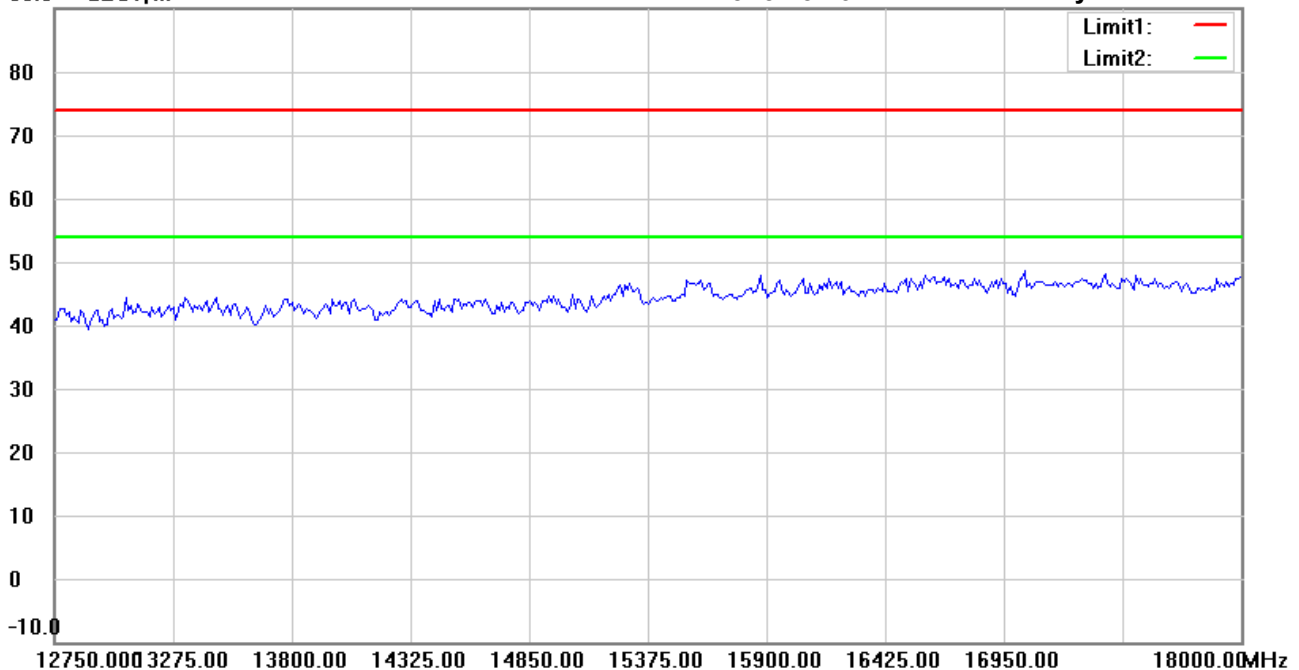
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:28:23 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2441MHz

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: Sky

File :3

Data :#5

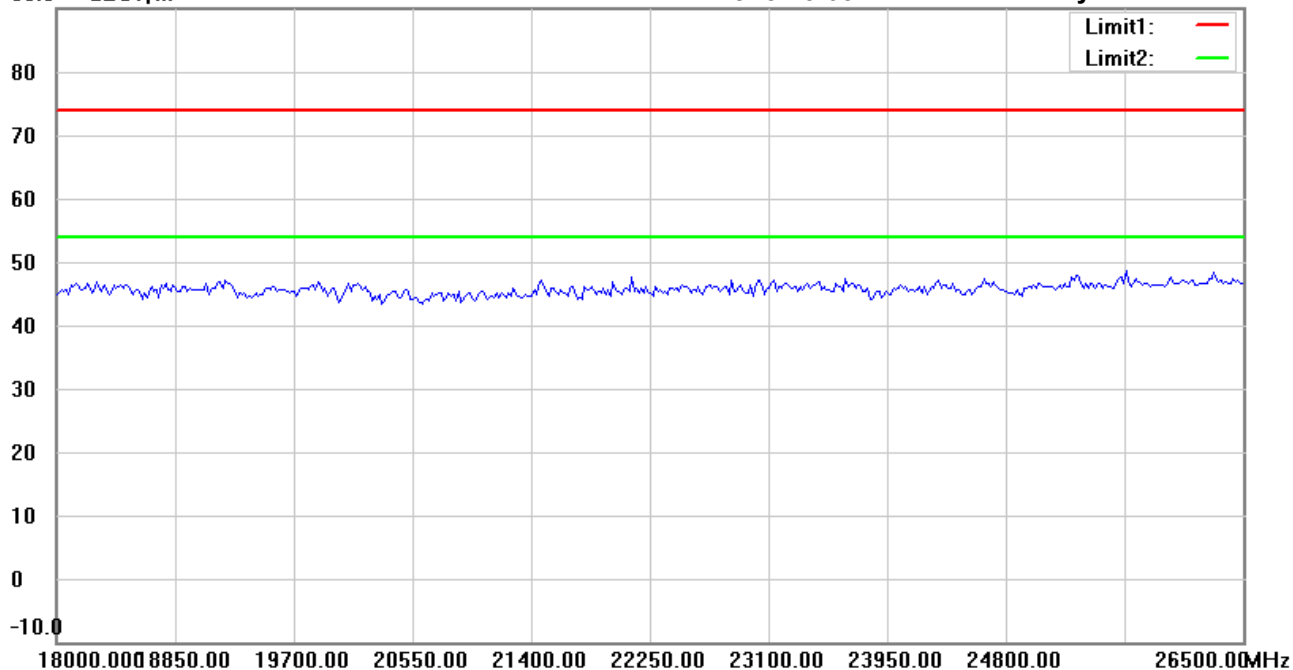
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:25:08 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2441MHz

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: Sky

File : 3

Data : #10

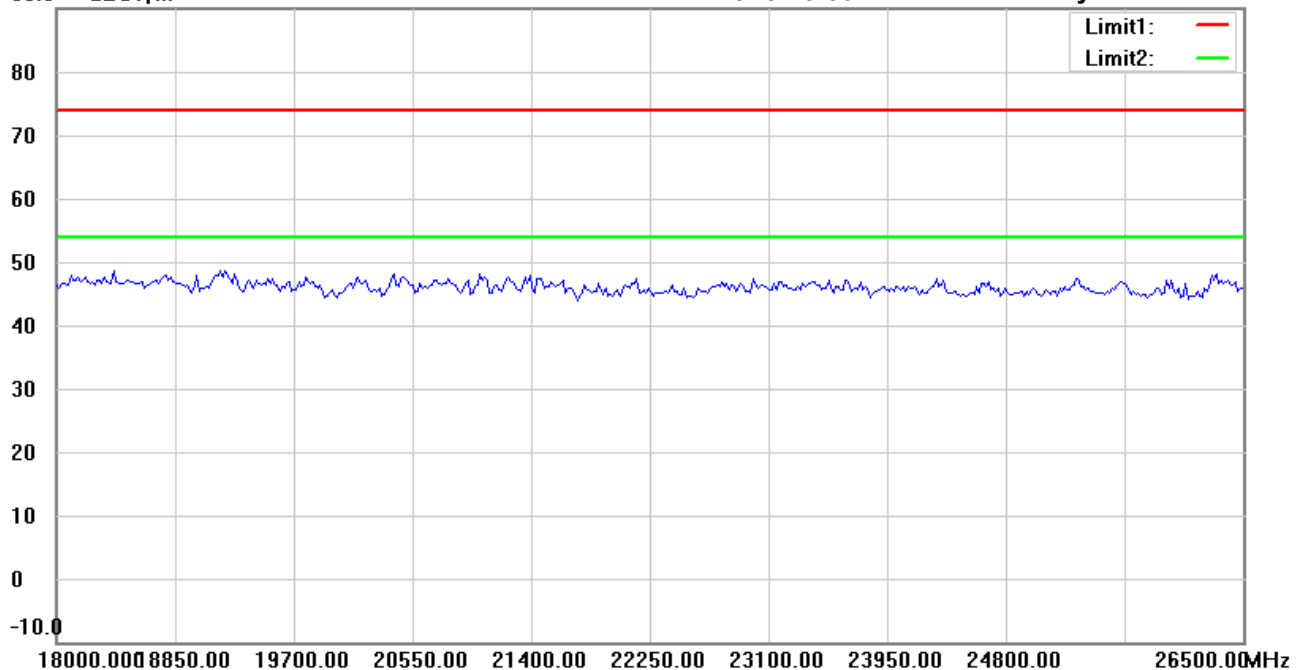
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:28:33 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2441MHz

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: Sky

File : 3

Data : #1

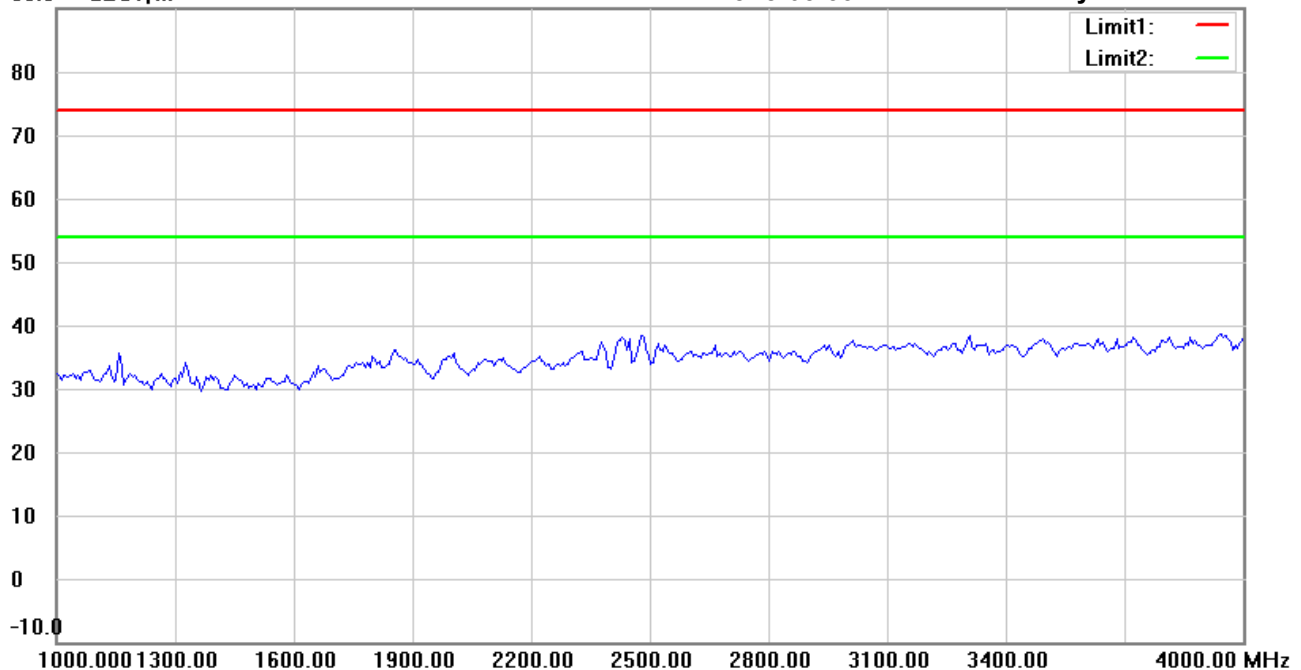
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:05:33 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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: Sky

File : 3

Data : #6

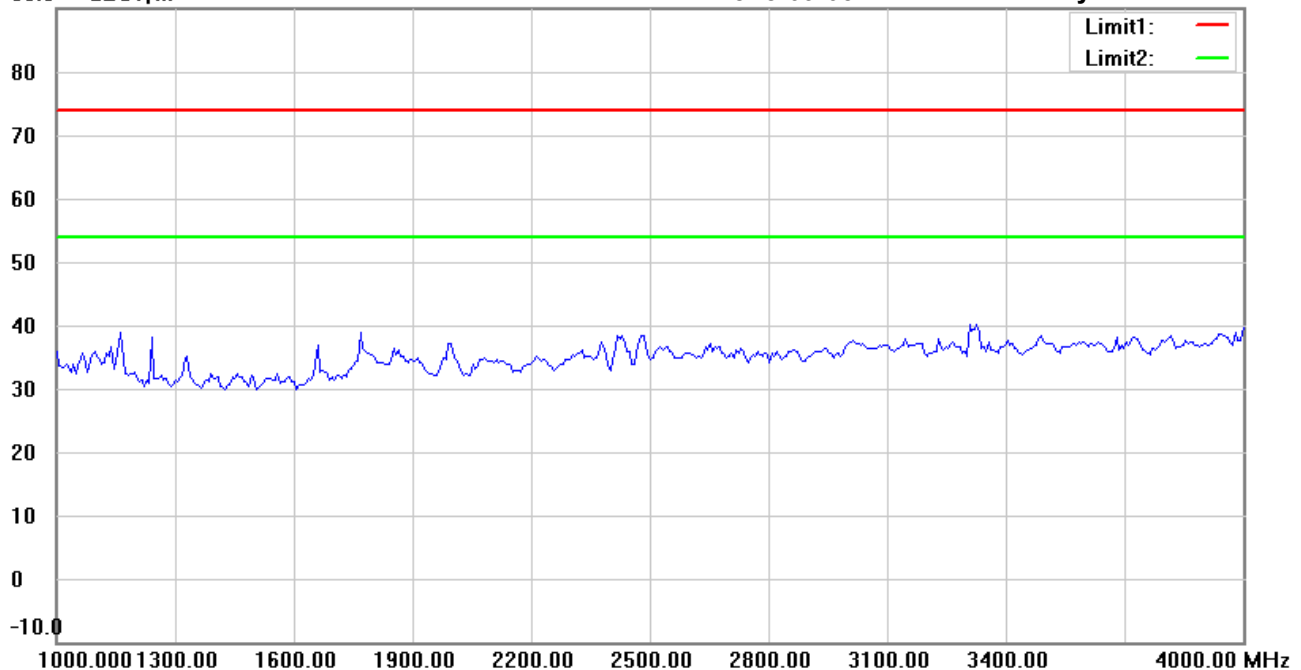
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:09:05 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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: Sky

File : 3

Data : #2

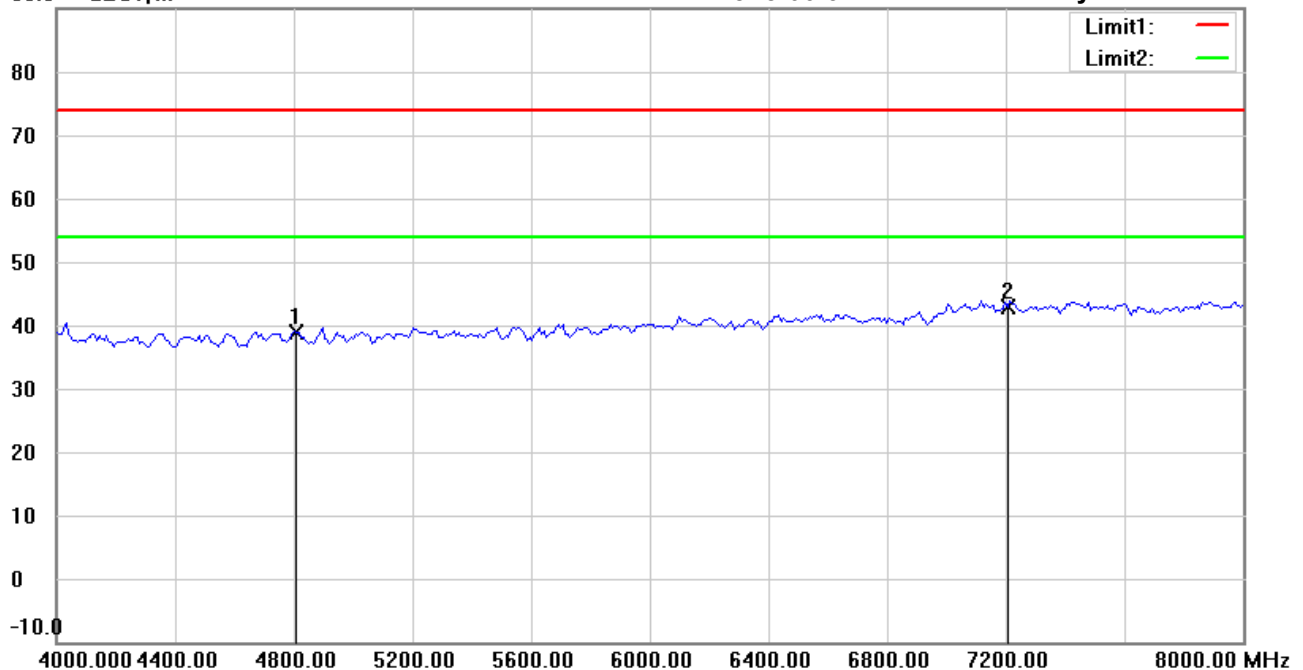
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:06:34 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4804.000        | 40.65          | peak     | -1.75               | 38.90           | 74.00          | 150          | 8              | -35.10      |         |
| *   | 7206.000        | 39.47          | peak     | 3.32                | 42.79           | 74.00          | 150          | 71             | -31.21      |         |

\*: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: Sky

File : 3

Data : #7

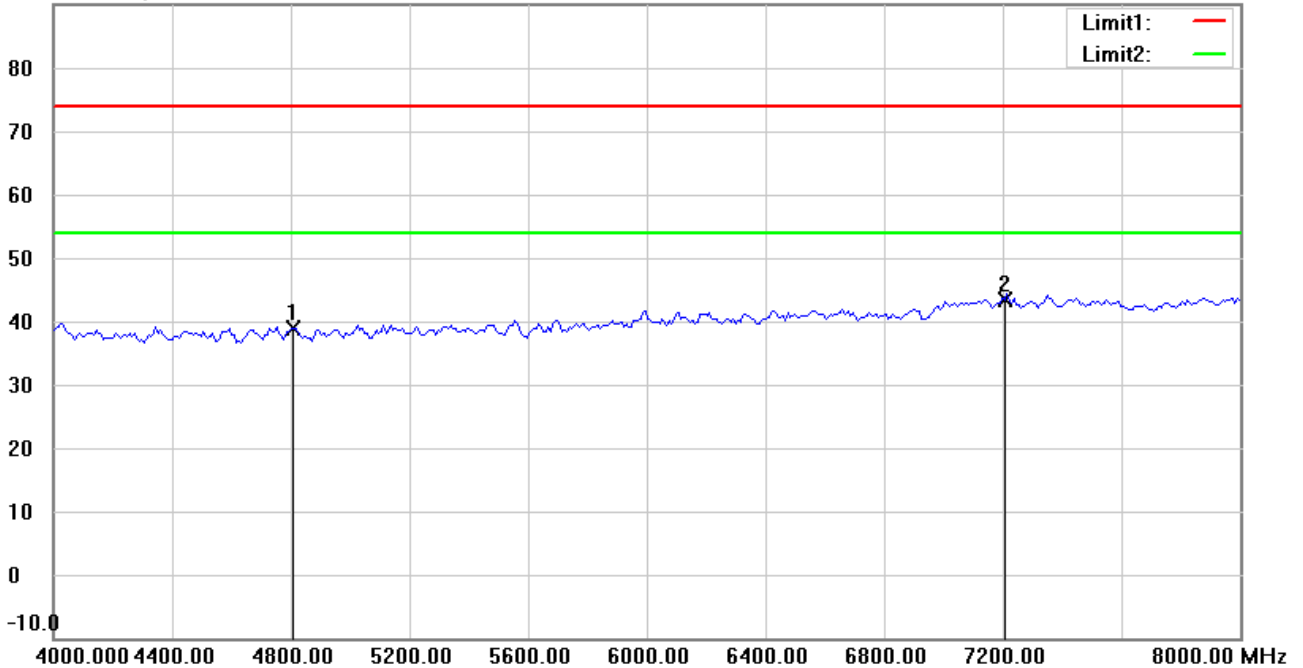
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:10:06 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4804.000        | 40.65          | peak     | -1.75               | 38.90           | 74.00          | 150          | 193            | -35.10      |         |
| *   | 7206.000        | 40.16          | peak     | 3.32                | 43.48           | 74.00          | 150          | 86             | -30.52      |         |

\*: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: Sky

File : 3

Data : #3

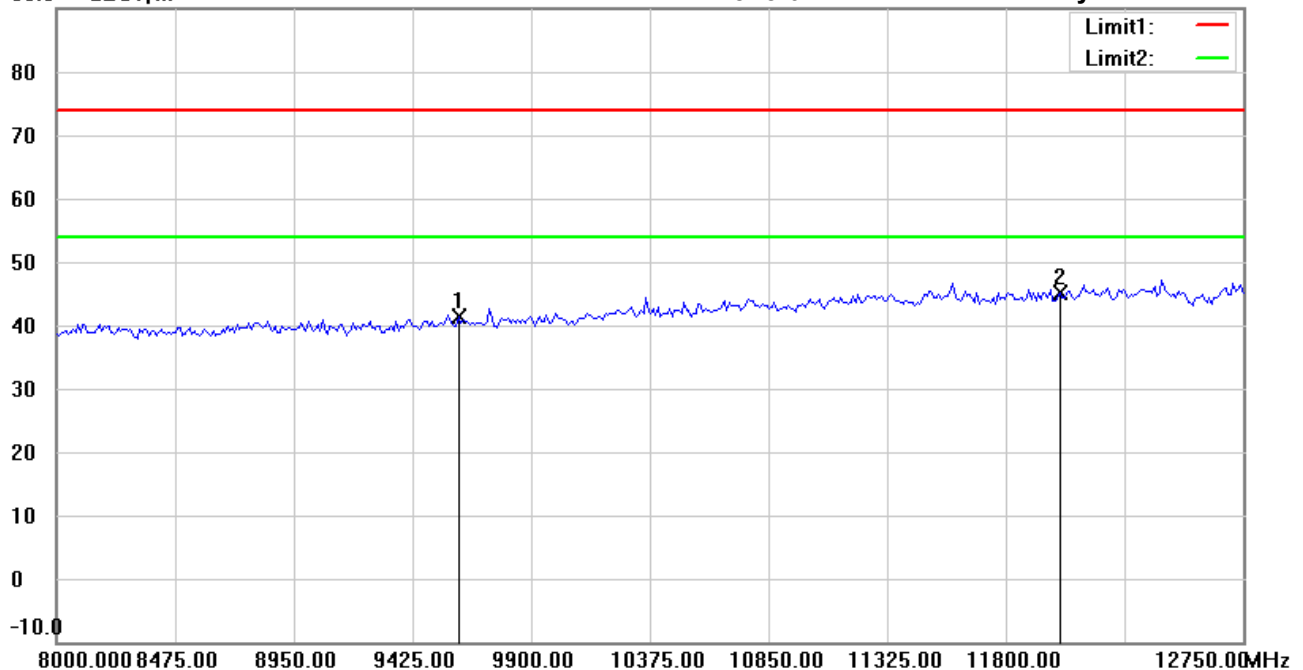
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:07:41 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9608.000        | 34.66          | peak     | 6.70                | 41.36           | 74.00          | 150          | 100            | -32.64      |         |
| *   | 12010.000       | 33.39          | peak     | 11.68               | 45.07           | 74.00          | 150          | 25             | -28.93      |         |

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



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# Radiated Emission Measurement

Operator: Sky

File : 3

Data : #8

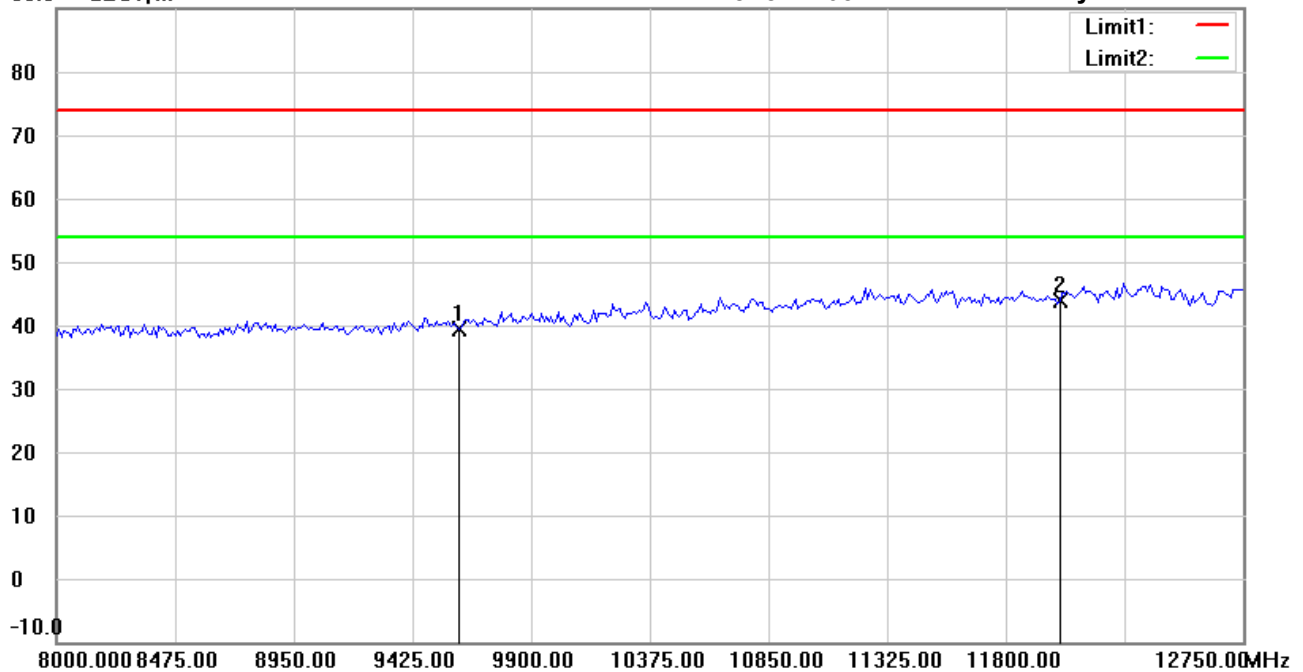
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:11:05 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9608.000        | 32.80          | peak     | 6.70                | 39.50           | 74.00          | 150          | 25             | -34.50      |         |
| *   | 12010.000       | 32.28          | peak     | 11.68               | 43.96           | 74.00          | 150          | 130            | -30.04      |         |

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#4

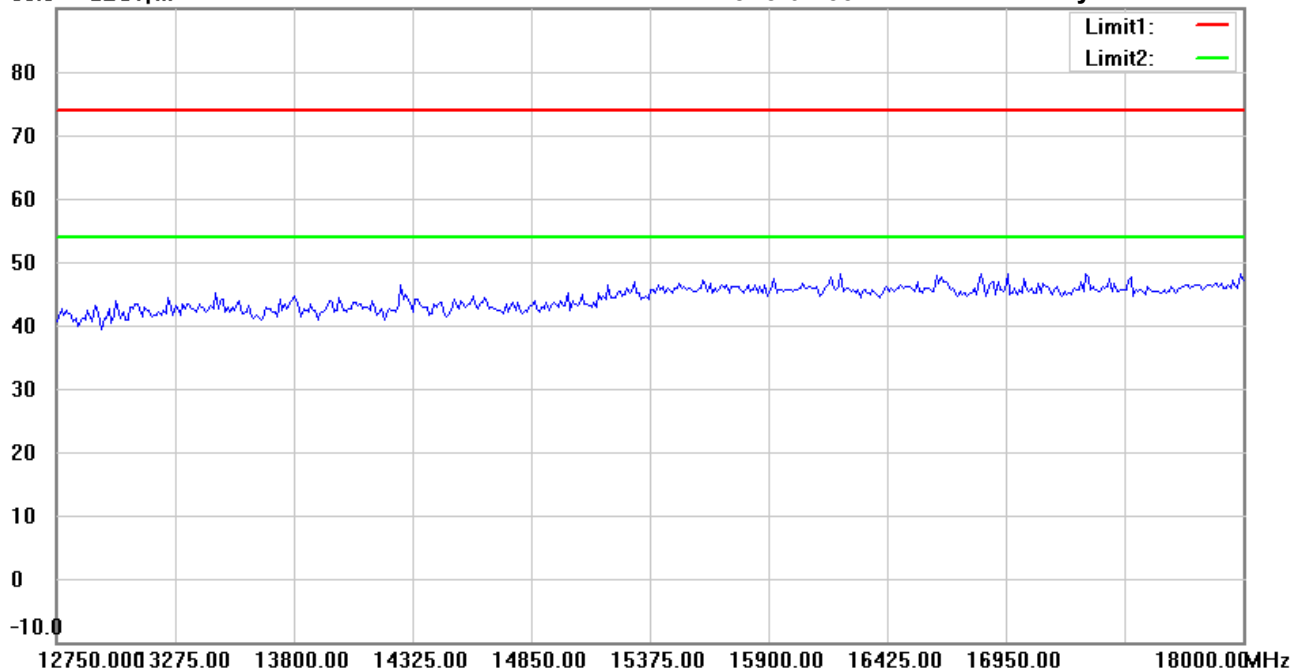
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:07:55 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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: Sky

File : 3

Data : #9

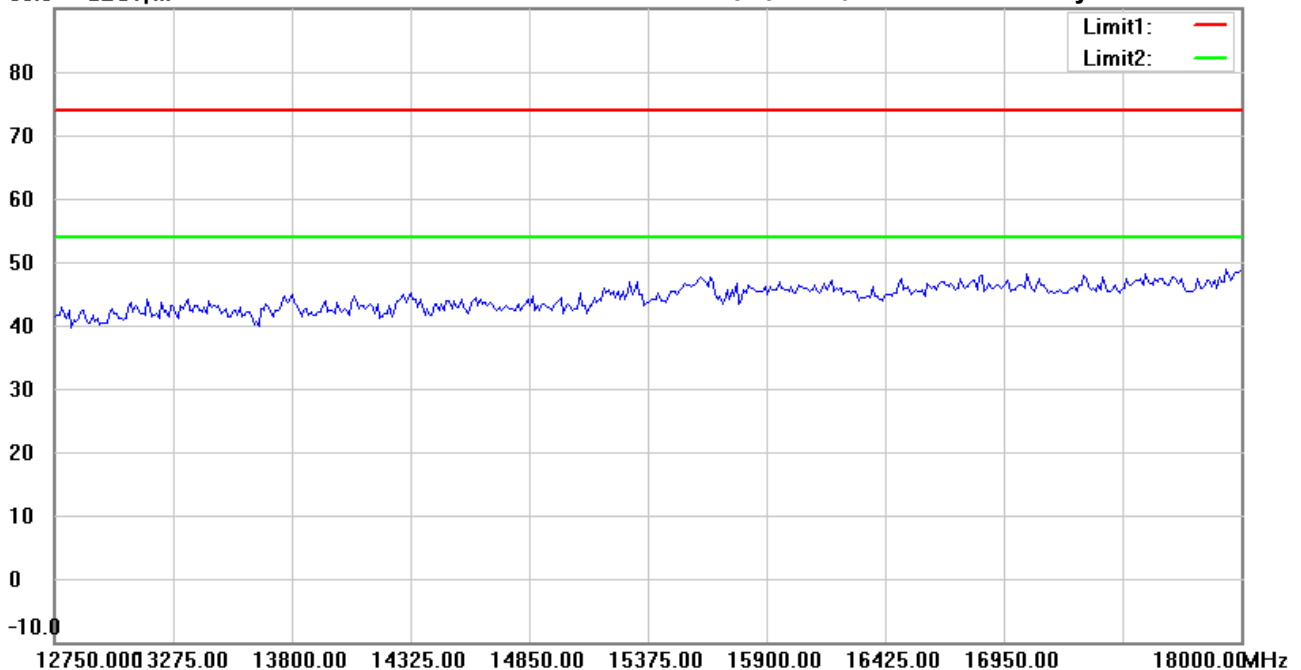
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:11:19 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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: Sky

File : 3

Data : #5

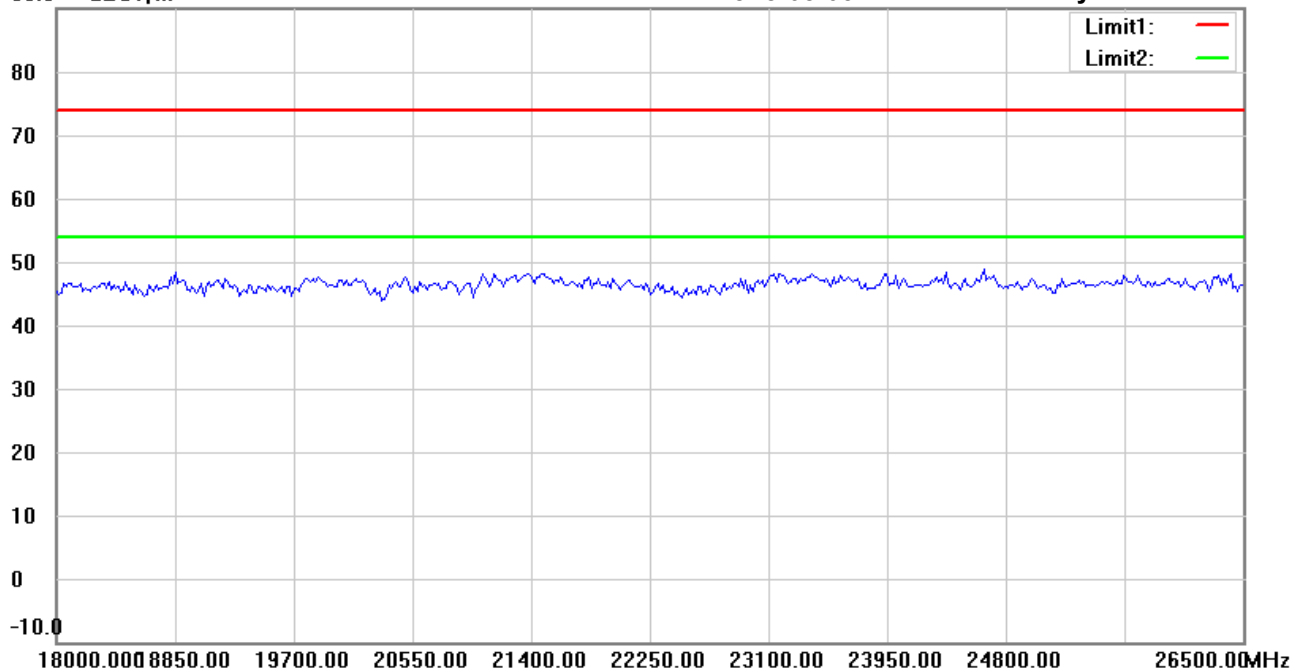
Date: 3/31/2021

Temperature: 25.8 °C

Time: 8:08:05 PM

Humidity: 68.4 %

90.0 dBuV/m



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File : 3

Data : #10

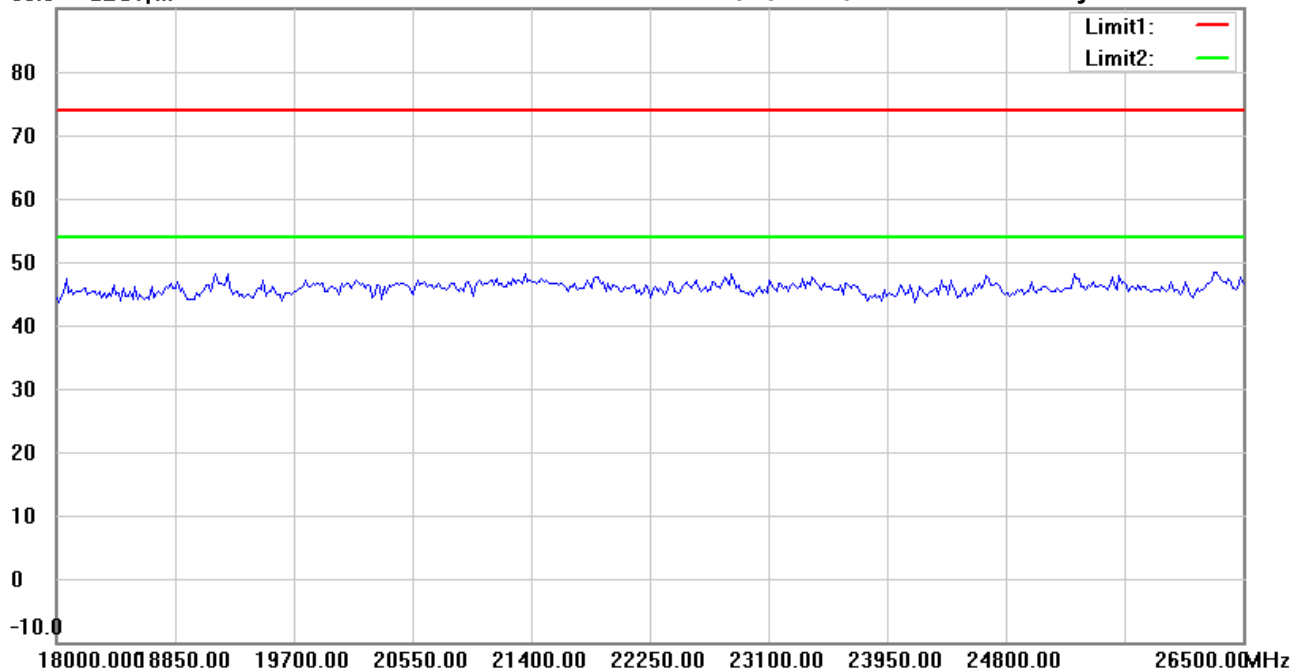
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:11:29 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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

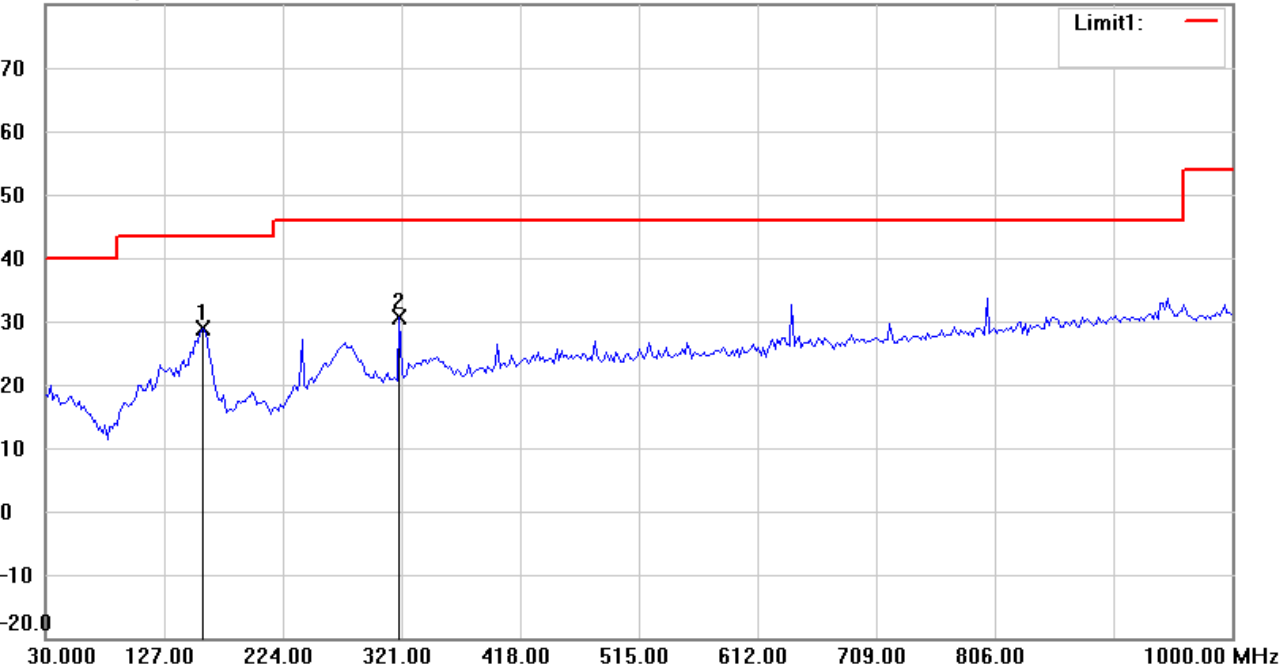
Operator: Sky  
Temperature:25.8 °C  
Humidity:68.4 %

File :1\_BLE\_TX

Data :#1

Date: 3/31/2021  
Time: 10:08:40 PM

80.0 dBuV/m



Site : Chamber

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

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 158.2966        | 37.27          | peak     | -8.45               | 28.82           | 43.50          | 110          | 24             | -14.68      |         |
|     | 319.6393        | 36.18          | peak     | -5.56               | 30.62           | 46.00          | 100          | 135            | -15.38      |         |



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Radiated Emission Measurement

Operator: Sky

File : 1\_BLE\_TX

Data : #2

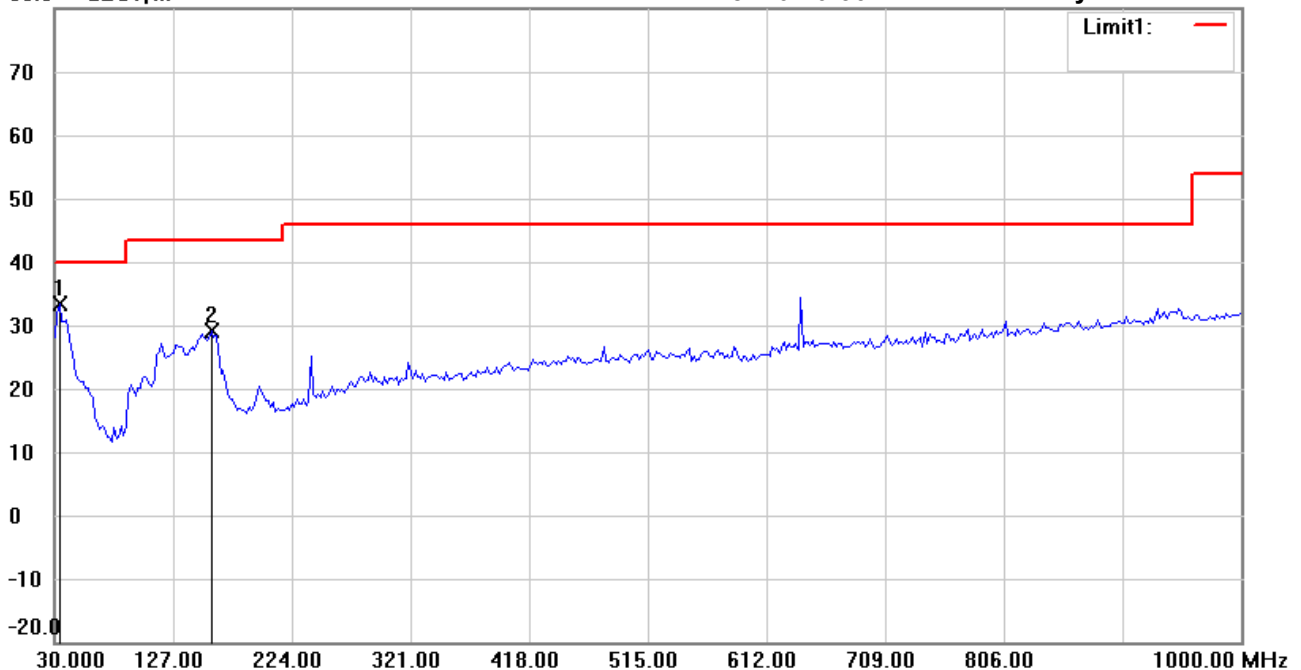
Date: 3/31/2021

Temperature: 25.8 °C

80.0 dBuV/m

Time: 10:10:36 PM

Humidity: 68.4 %



Site : Chamber

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

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
| *   | 33.8878         | 41.95          | peak     | -8.68               | 33.27           | 40.00          | 100          | 160            | -6.73       |         |
|     | 158.2966        | 37.46          | peak     | -8.45               | 29.01           | 43.50          | 100          | 341            | -14.49      |         |

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



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# Radiated Emission Measurement

Operator: Sky

File : 3

Data : #1

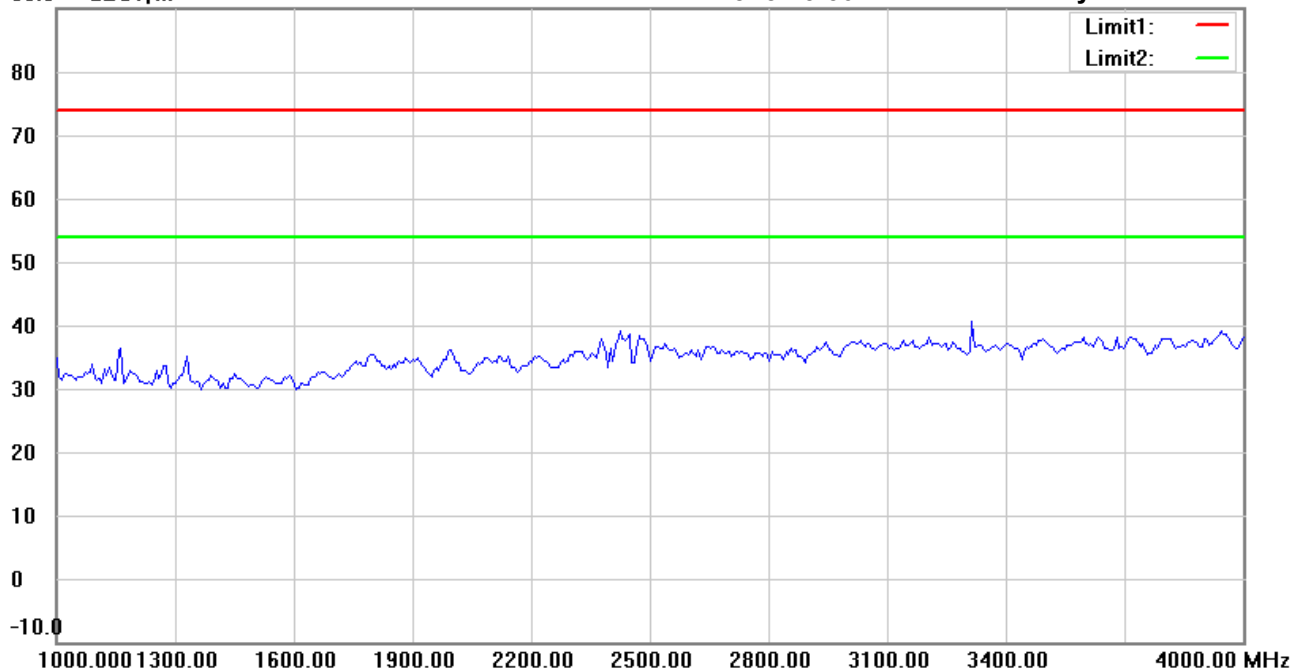
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:45:56 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File : 3

Data : #6

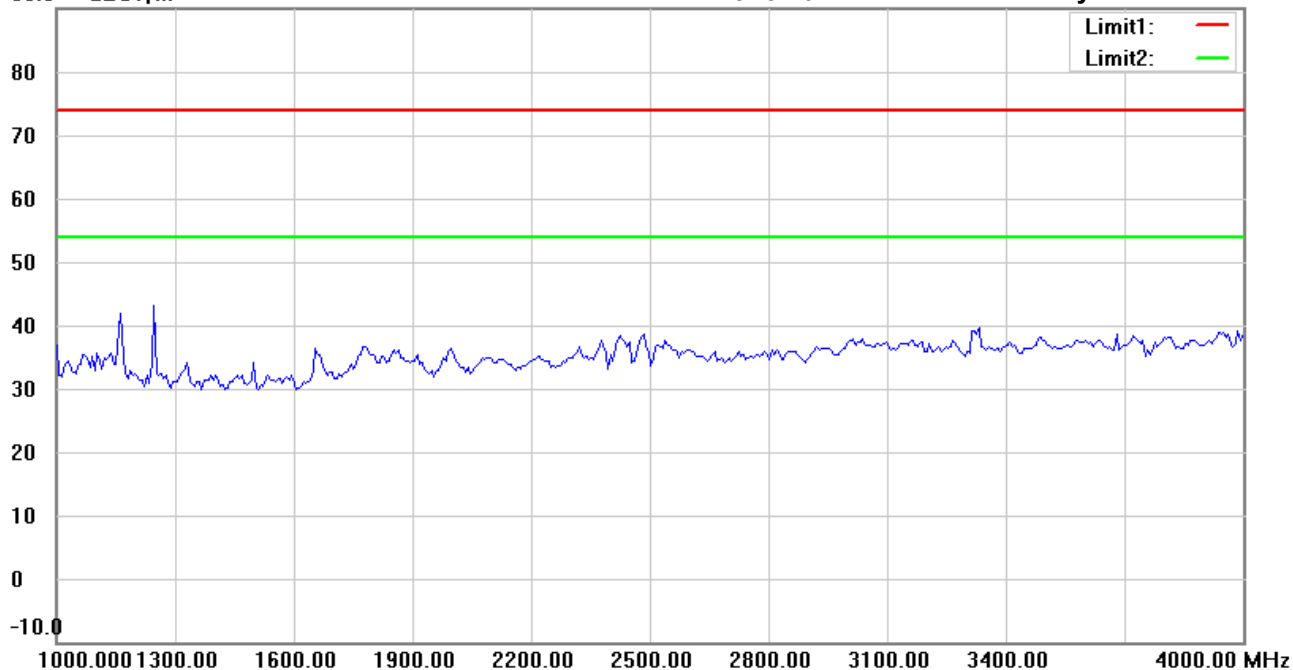
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:49:27 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File : 3

Data : #2

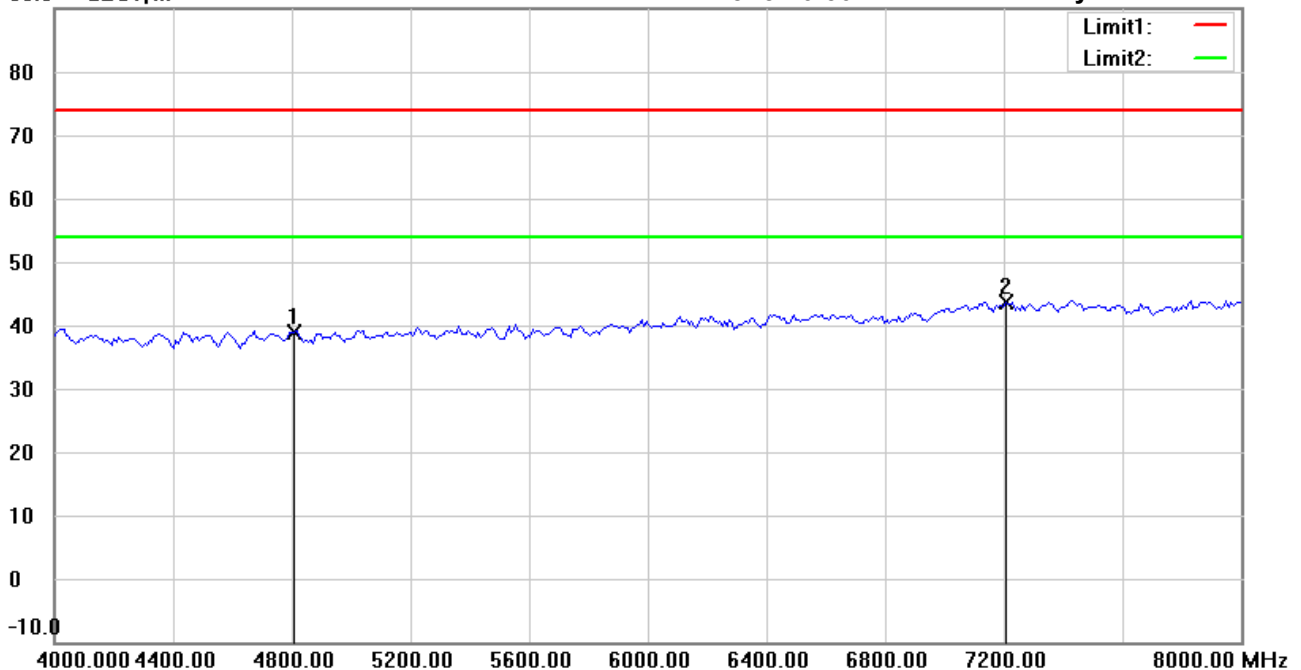
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:46:56 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4804.000        | 40.70          | peak     | -1.75               | 38.95           | 74.00          | 150          | 93             | -35.05      |         |
| *   | 7206.000        | 40.20          | peak     | 3.32                | 43.52           | 74.00          | 150          | 67             | -30.48      |         |

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



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# Radiated Emission Measurement

Operator: Sky

File : 3

Data : #7

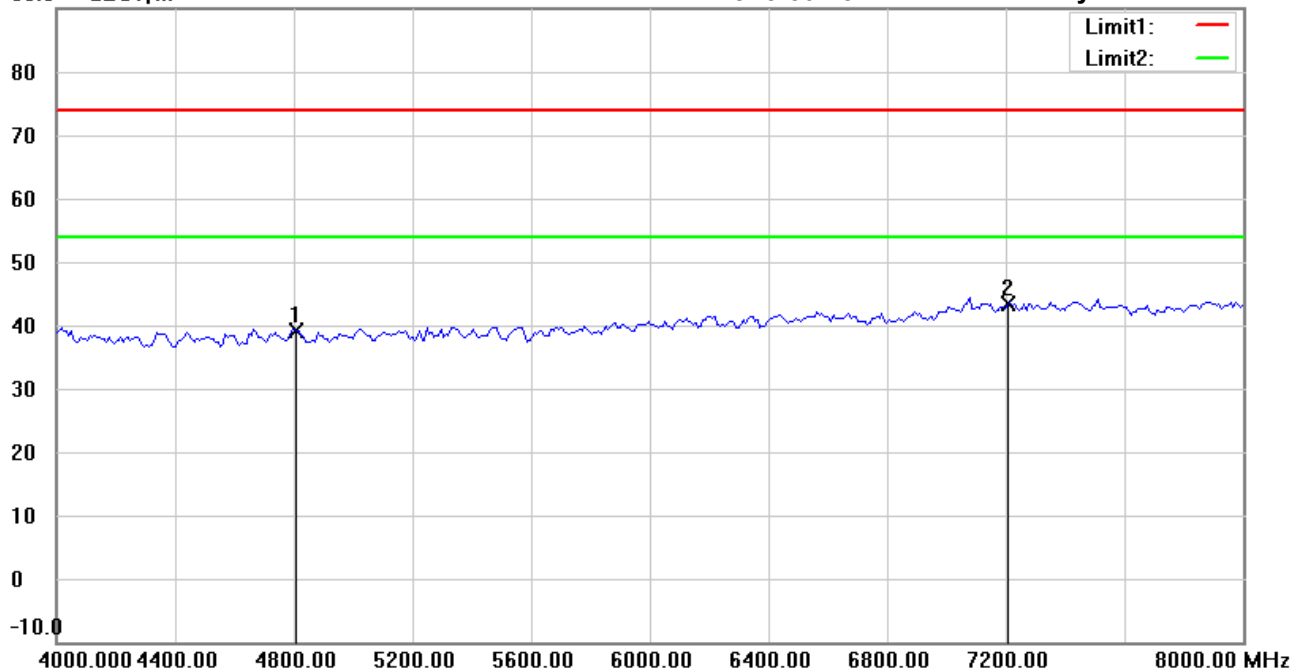
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:50:28 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4804.000        | 40.81          | peak     | -1.75               | 39.06           | 74.00          | 150          | 281            | -34.94      |         |
| *   | 7206.000        | 39.98          | peak     | 3.32                | 43.30           | 74.00          | 150          | 334            | -30.70      |         |

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



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# Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

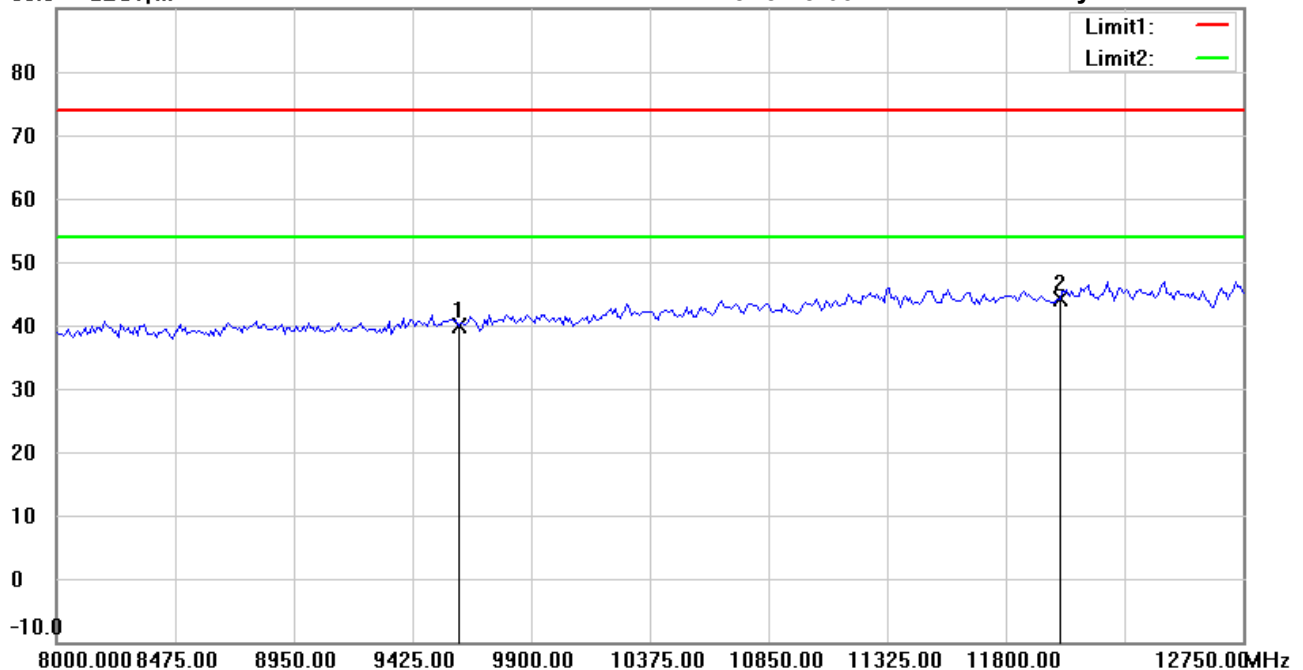
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:48:03 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9608.000        | 33.13          | peak     | 6.70                | 39.83           | 74.00          | 150          | 104            | -34.17      |         |
| *   | 12010.000       | 32.35          | peak     | 11.68               | 44.03           | 74.00          | 150          | 71             | -29.97      |         |

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



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# Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

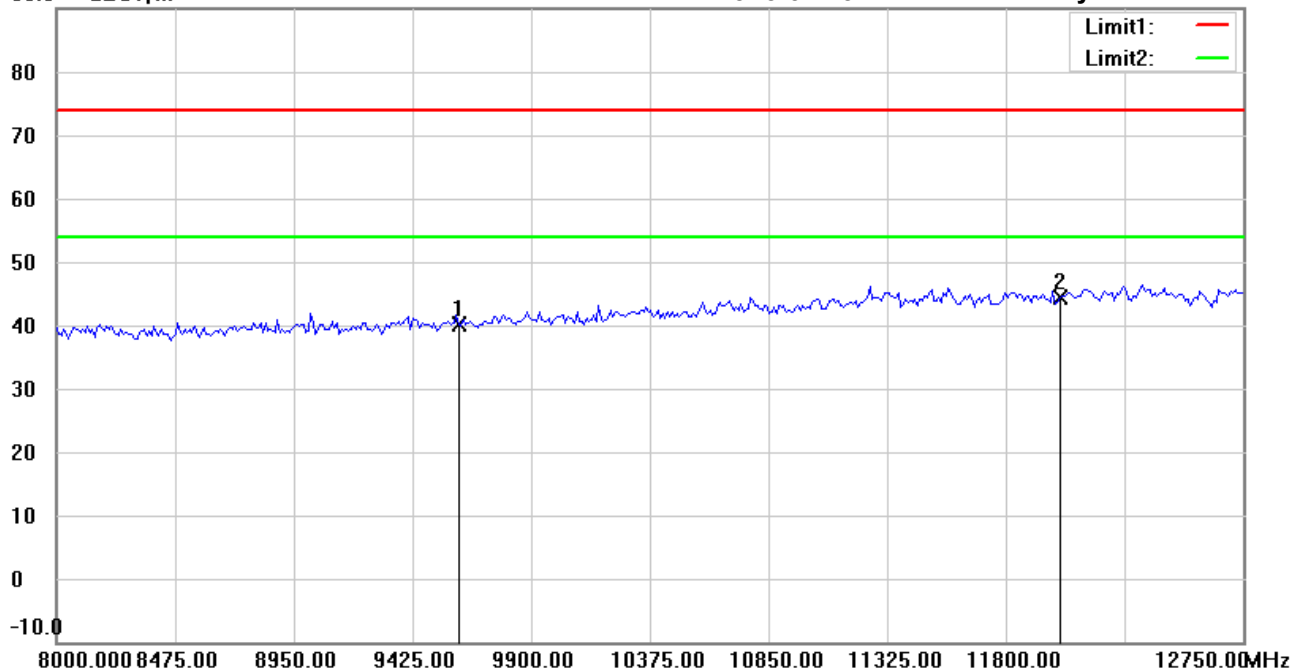
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:51:28 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9608.000        | 33.34          | peak     | 6.70                | 40.04           | 74.00          | 150          | 225            | -33.96      |         |
| *   | 12010.000       | 32.80          | peak     | 11.68               | 44.48           | 74.00          | 150          | 147            | -29.52      |         |

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#4

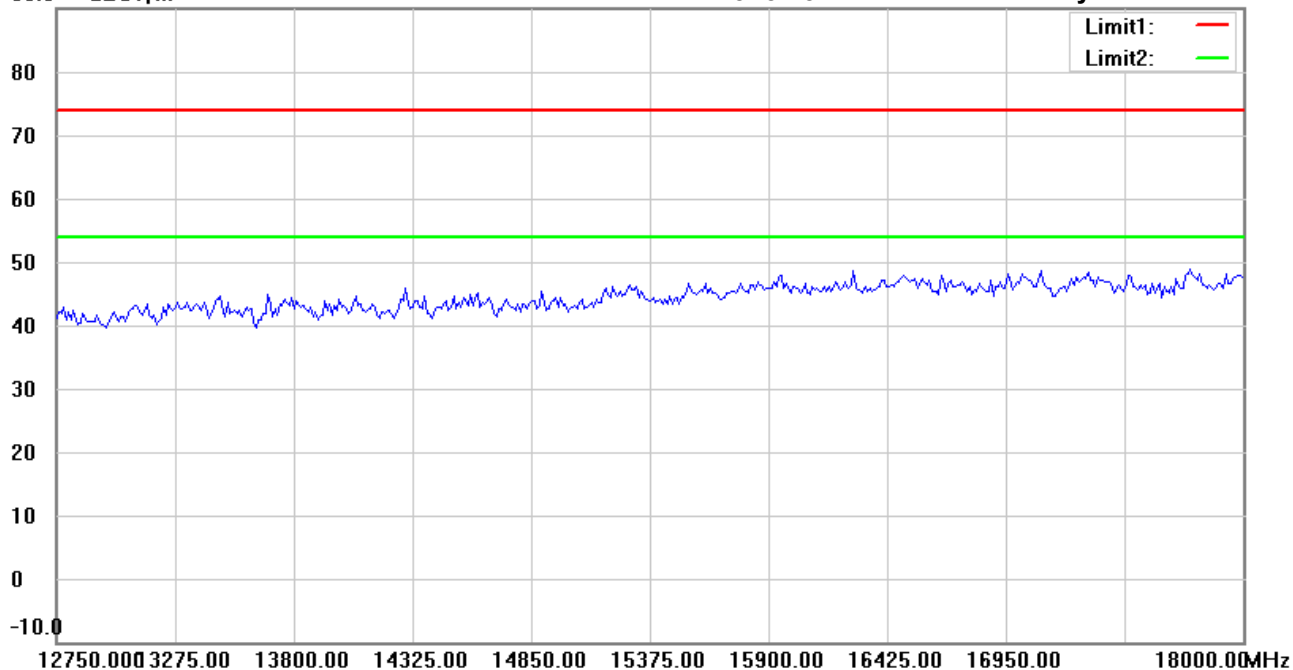
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:48:17 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File : 3

Data : #9

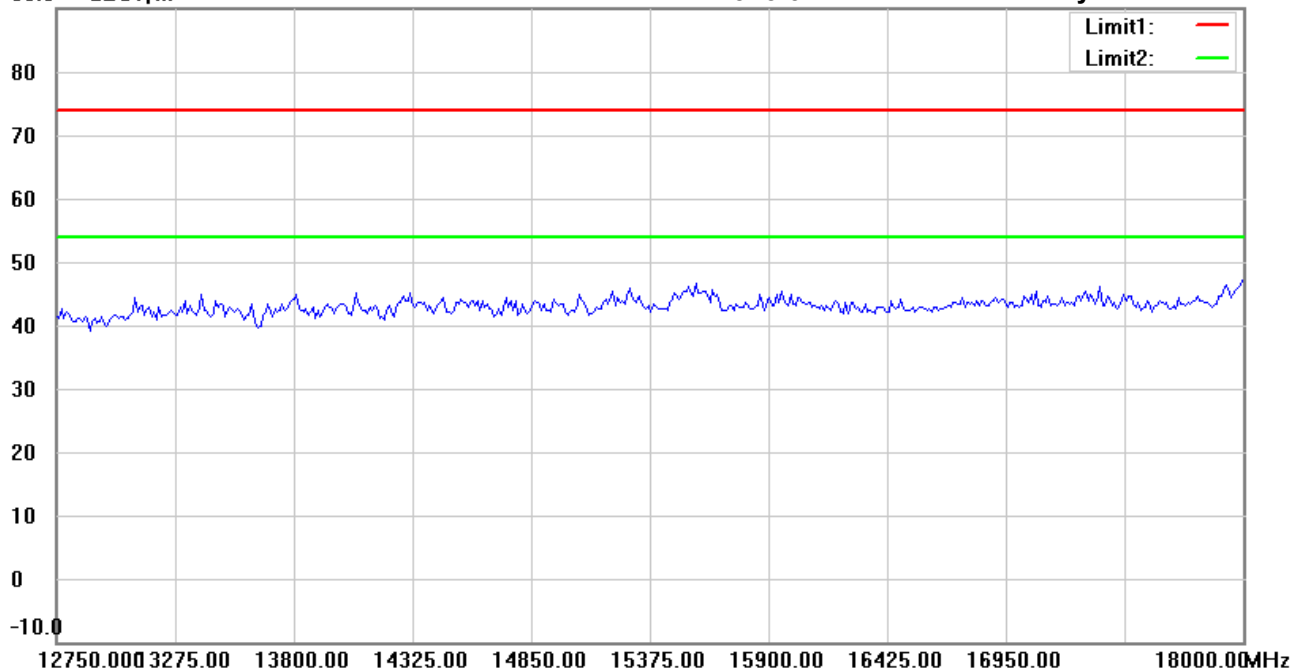
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:51:41 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File : 3

Data : #5

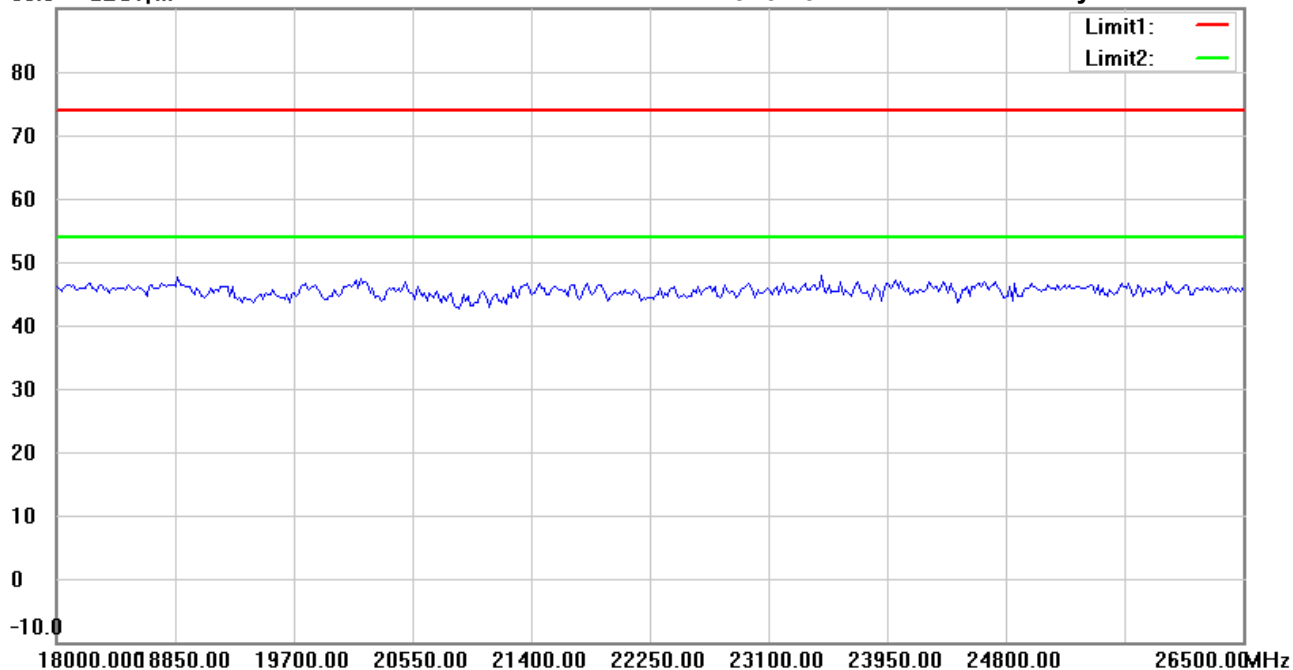
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:48:27 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File : 3

Data : #10

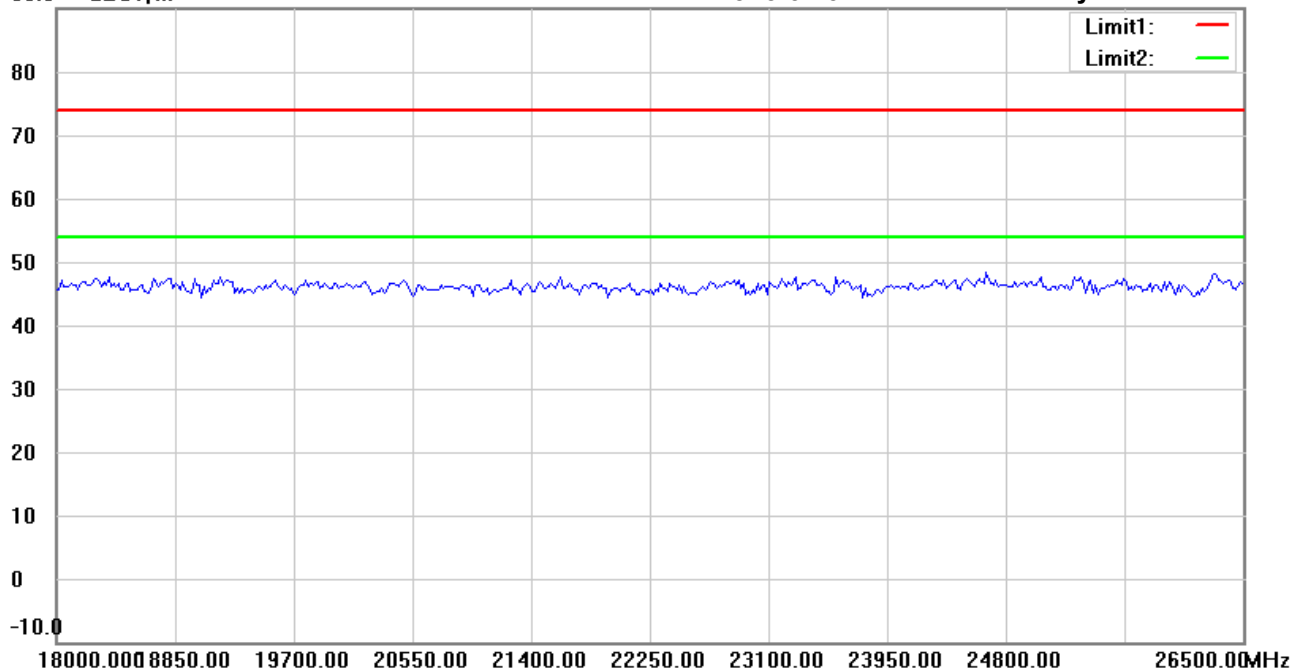
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:51:51 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2402MHz

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: Sky

File : 3

Data : #1

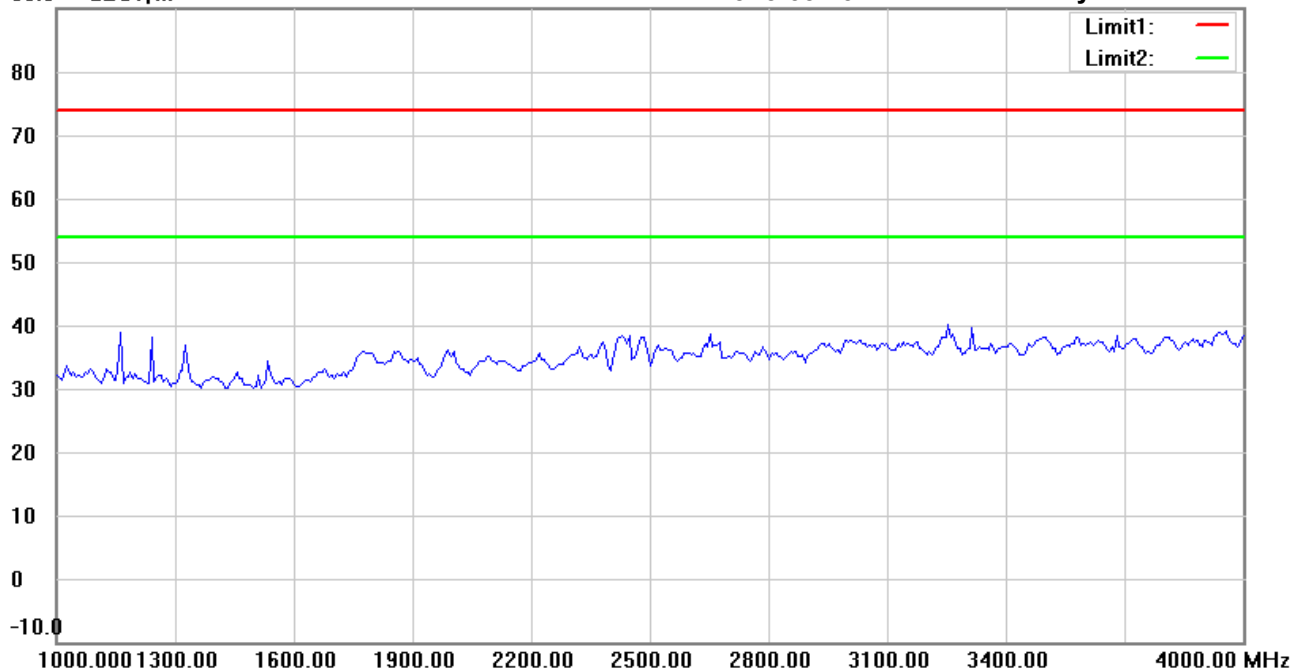
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:58:45 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2440MHz

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: Sky

File : 3

Data : #6

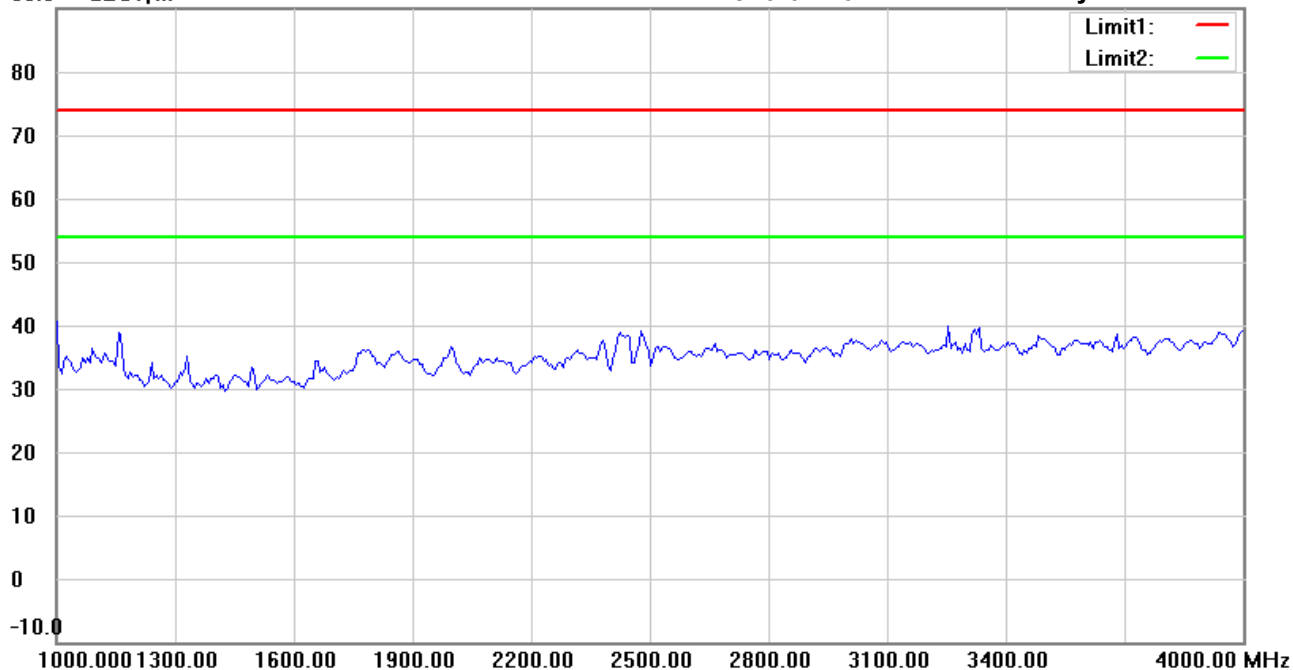
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:02:16 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2440MHz

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: Sky

File : 3

Data : #2

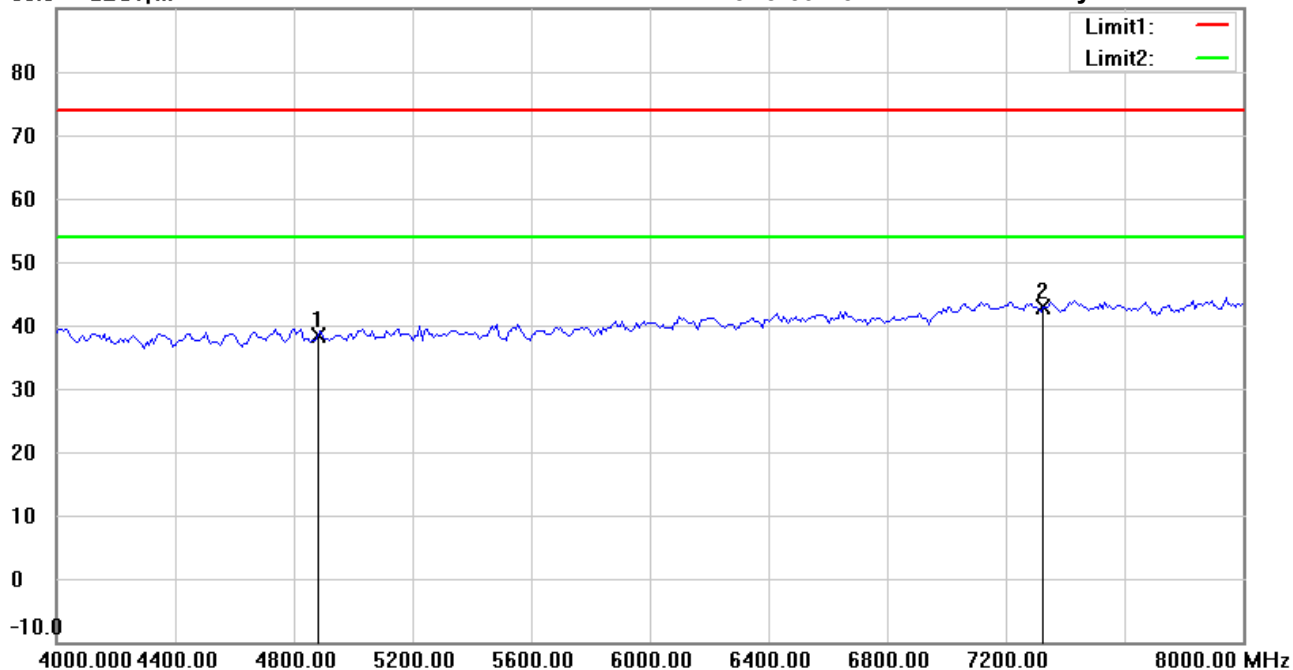
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 8:59:45 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2440MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4880.000        | 39.90          | peak     | -1.60               | 38.30           | 74.00          | 150          | 88             | -35.70      |         |
| *   | 7320.000        | 39.42          | peak     | 3.51                | 42.93           | 74.00          | 150          | 313            | -31.07      |         |

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



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# Radiated Emission Measurement

Operator: Sky

File : 3

Data : #7

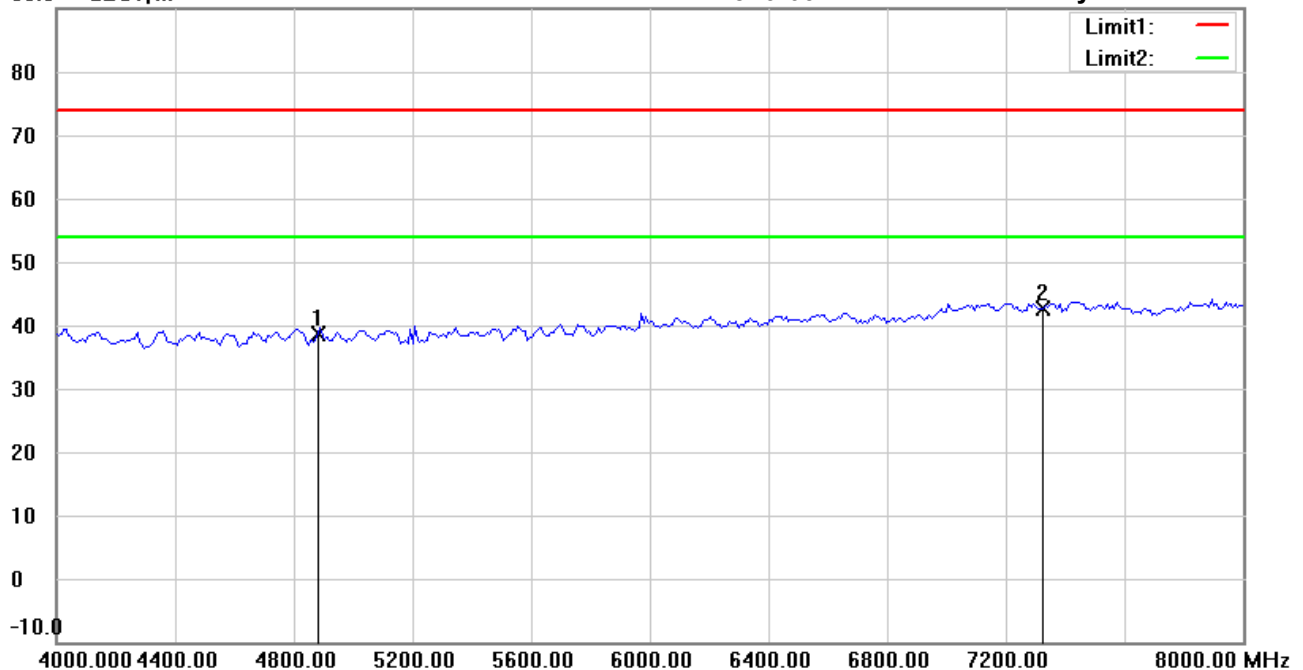
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:03:17 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2440MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4880.000        | 40.27          | peak     | -1.60               | 38.67           | 74.00          | 150          | 91             | -35.33      |         |
| *   | 7320.000        | 39.23          | peak     | 3.51                | 42.74           | 74.00          | 150          | 281            | -31.26      |         |

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



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### Radiated Emission Measurement

Operator: Sky

File : 3

Data : #3

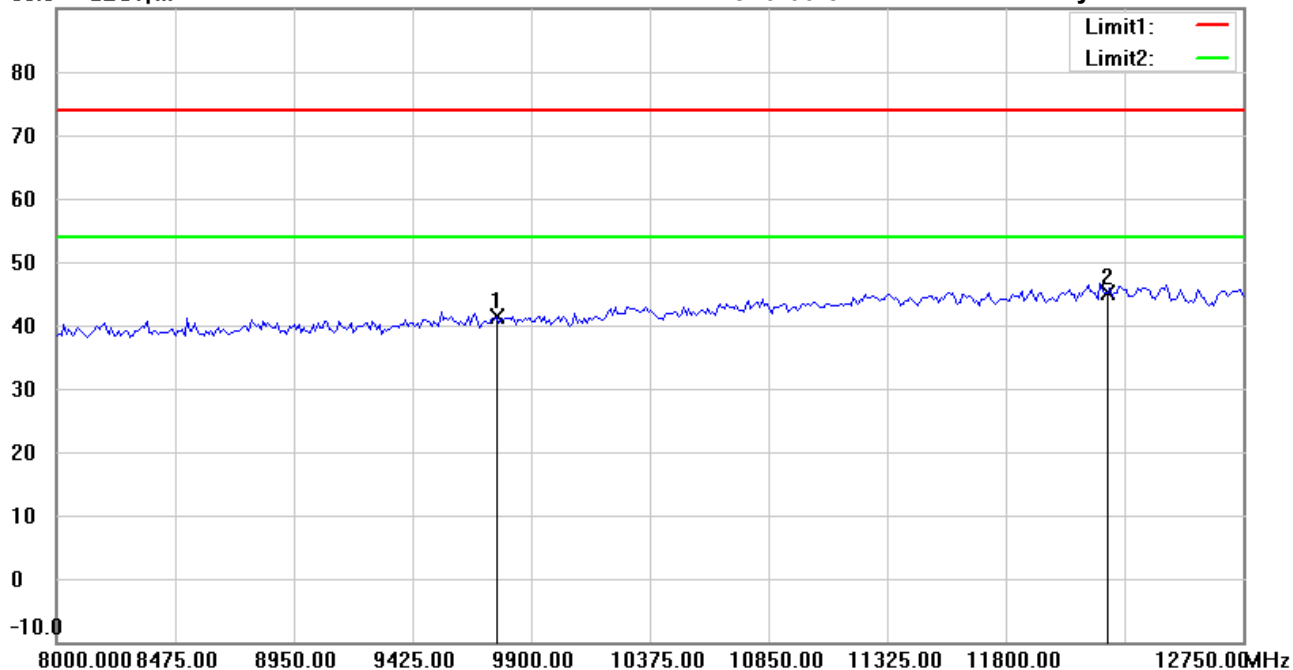
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:00:52 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2440MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9760.000        | 34.42          | peak     | 6.84                | 41.26           | 74.00          | 150          | 125            | -32.74      |         |
| *   | 12200.000       | 32.03          | peak     | 13.02               | 45.05           | 74.00          | 150          | 92             | -28.95      |         |

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei  
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Fax: +886-2-6606-8879

# Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

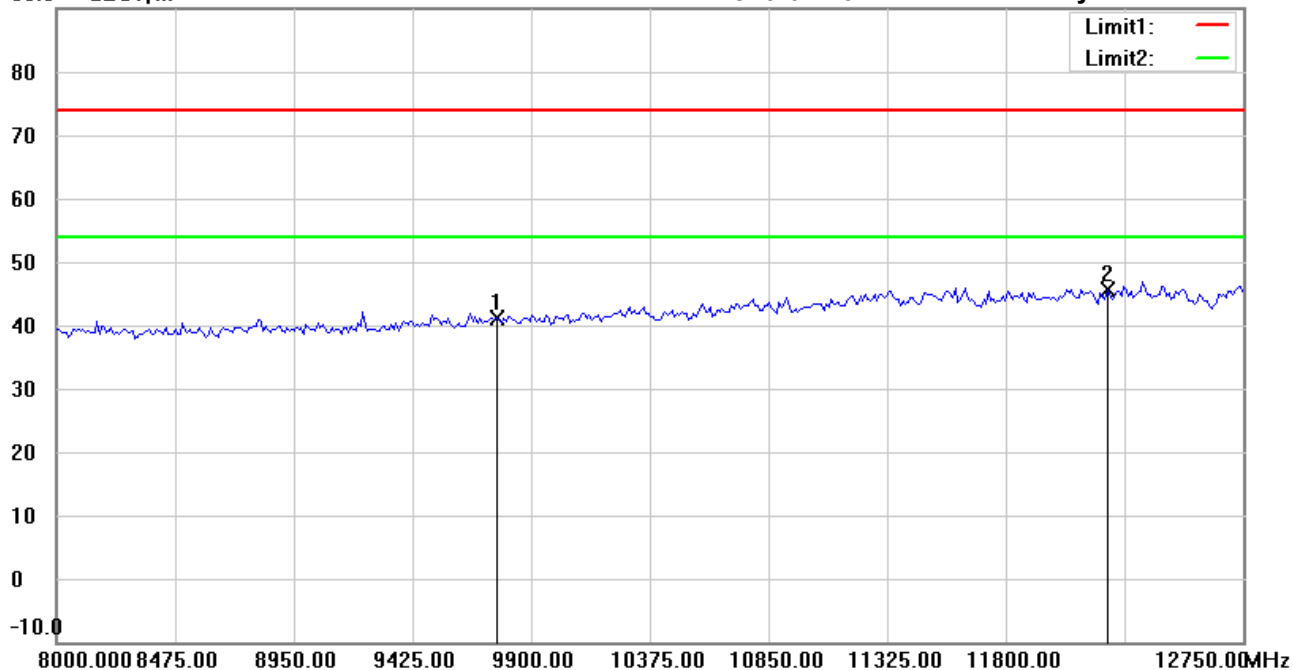
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:04:16 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2440MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9760.000        | 34.17          | peak     | 6.84                | 41.01           | 74.00          | 150          | 225            | -32.99      |         |
| *   | 12200.000       | 32.54          | peak     | 13.02               | 45.56           | 74.00          | 150          | 147            | -28.44      |         |

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



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Radiated Emission Measurement

Operator: Sky

File : 3

Data : #4

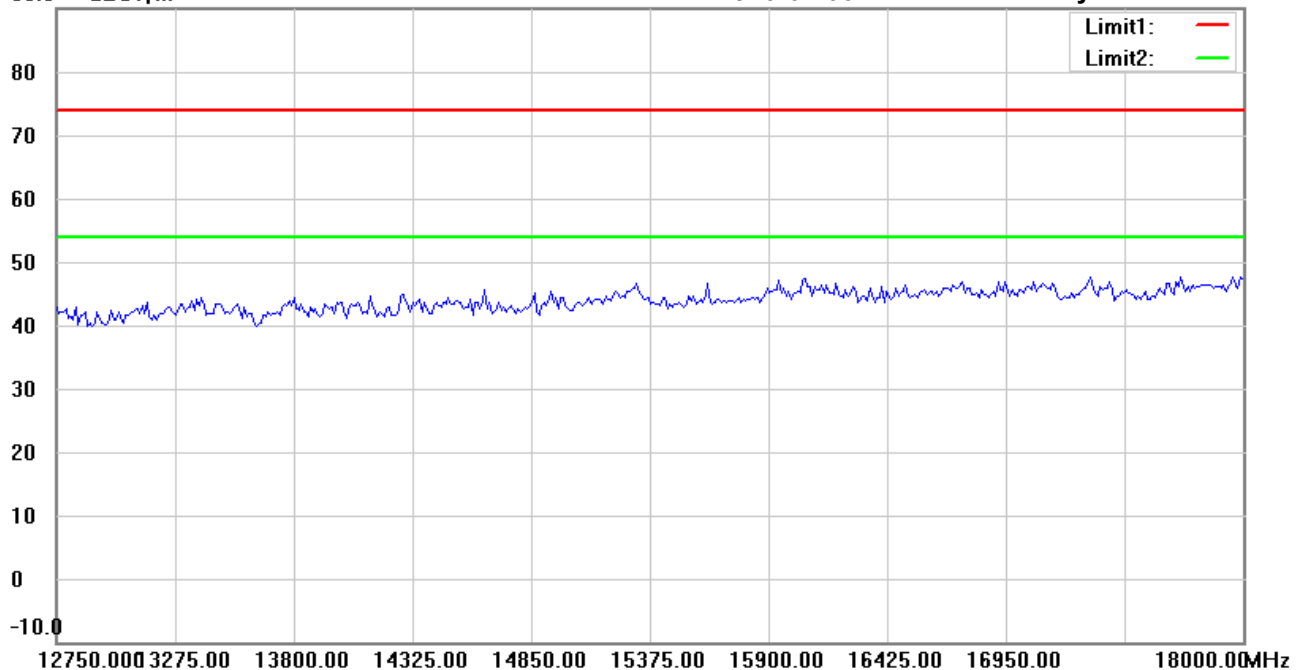
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:01:06 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2440MHz

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: Sky

File : 3

Data : #9

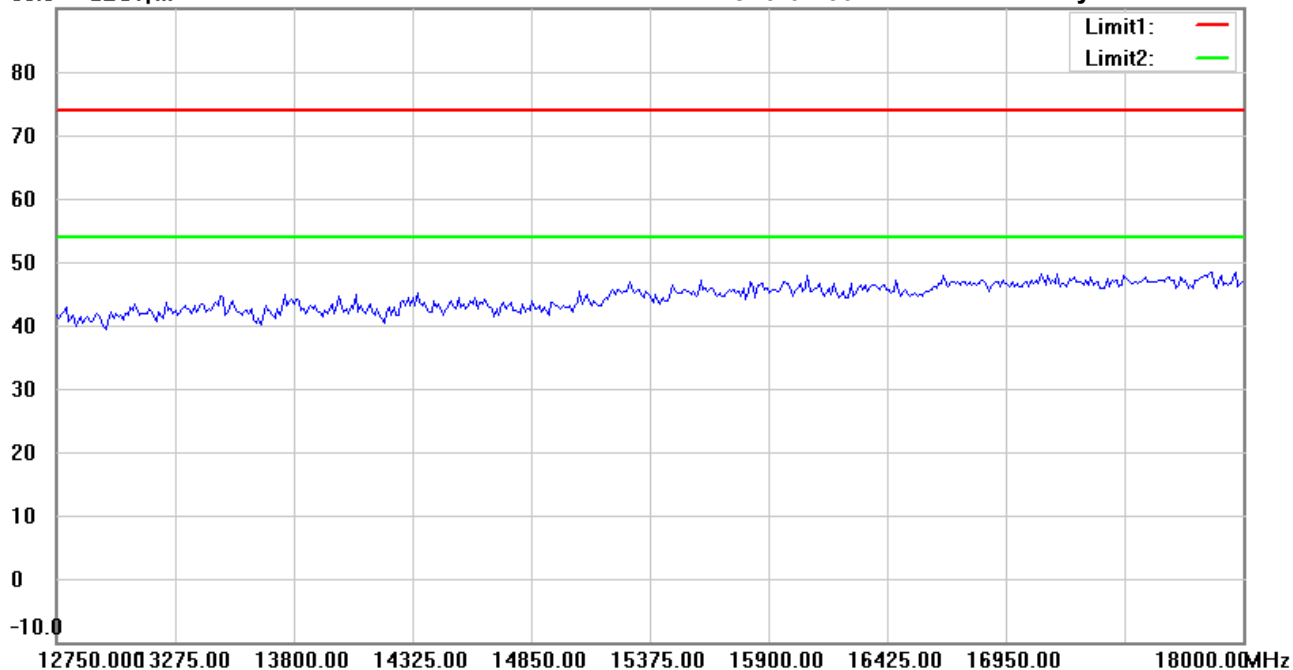
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:04:30 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2440MHz

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: Sky

File :3

Data :#5

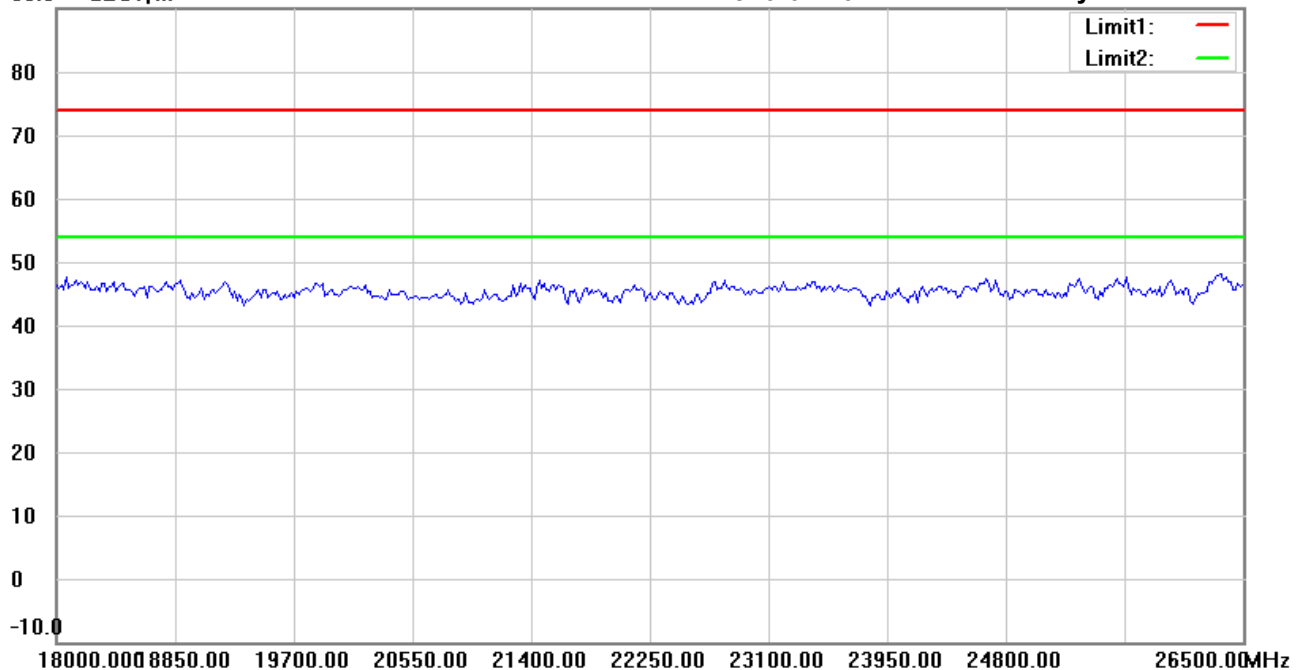
Date: 3/31/2021

Temperature:25.8 °C

Time: 9:01:16 PM

Humidity:68.4 %

90.0 dBuV/m



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2440MHz

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: Sky

File : 3

Data : #10

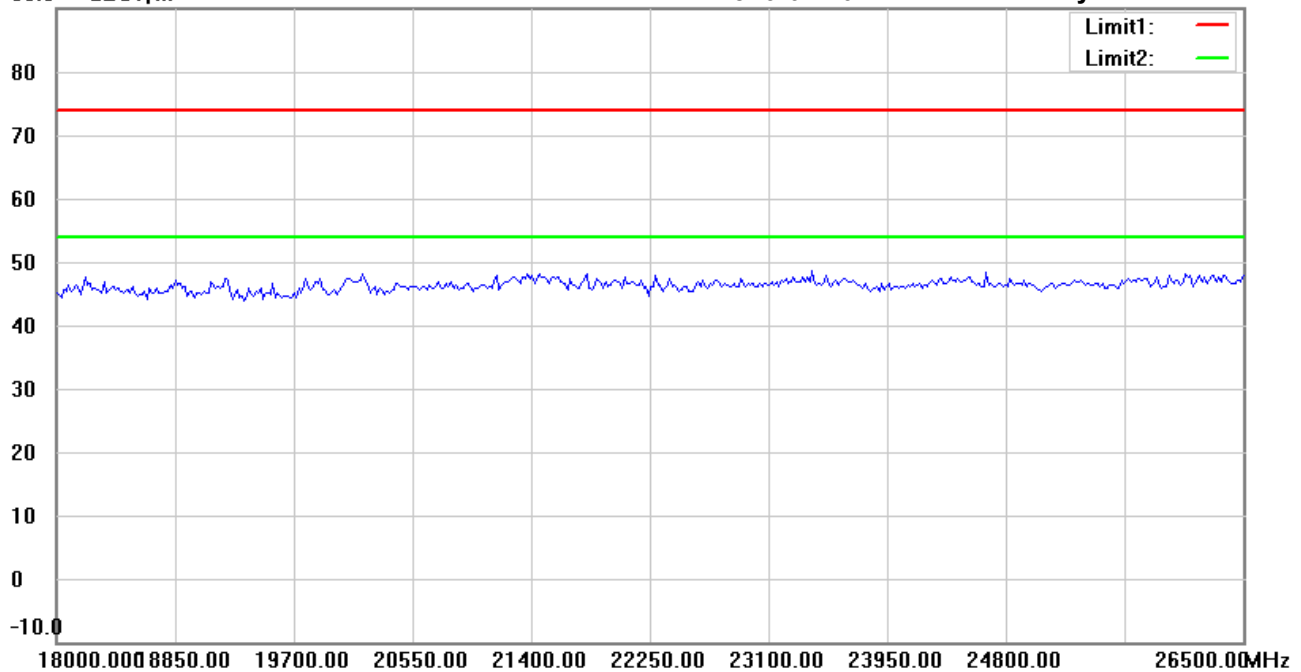
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:04:40 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2440MHz

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: Sky

File : 3

Data : #1

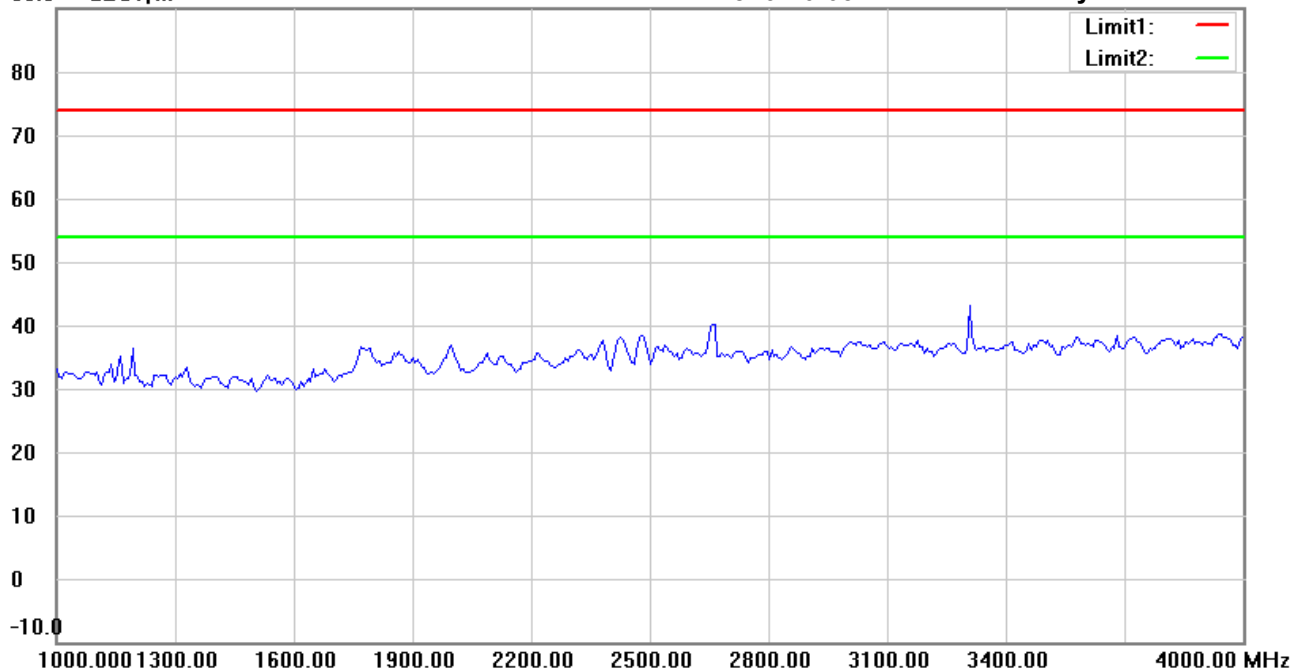
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:10:05 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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: Sky

File : 3

Data : #6

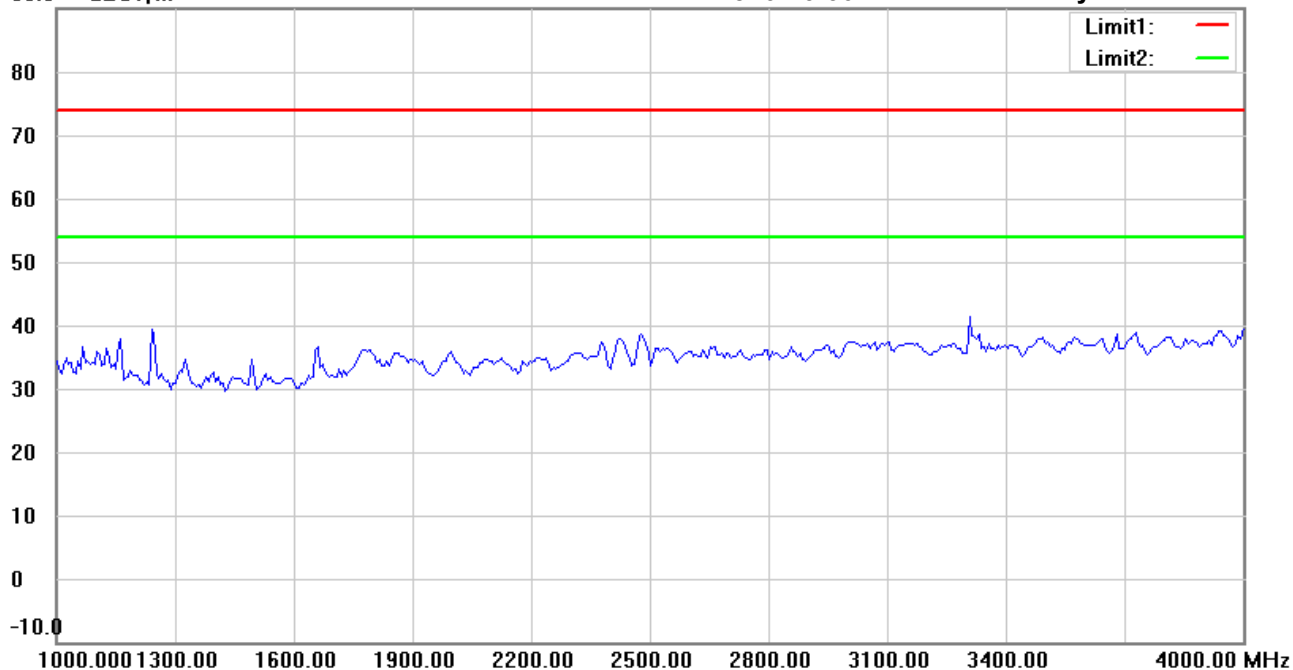
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:13:36 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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: Sky

File : 3

Data : #2

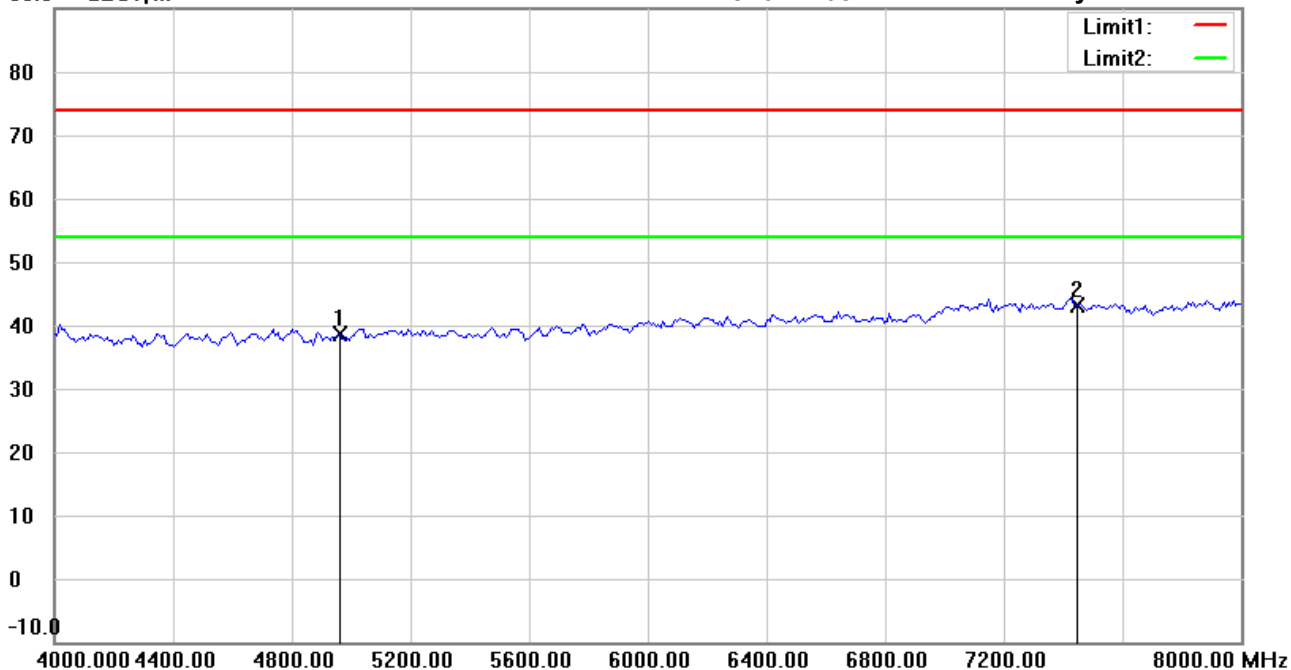
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:11:05 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4960.000        | 39.89          | peak     | -1.36               | 38.53           | 74.00          | 150          | 300            | -35.47      |         |
| *   | 7440.000        | 39.44          | peak     | 3.76                | 43.20           | 74.00          | 150          | 169            | -30.80      |         |

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



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# Radiated Emission Measurement

Operator: Sky

File : 3

Data : #7

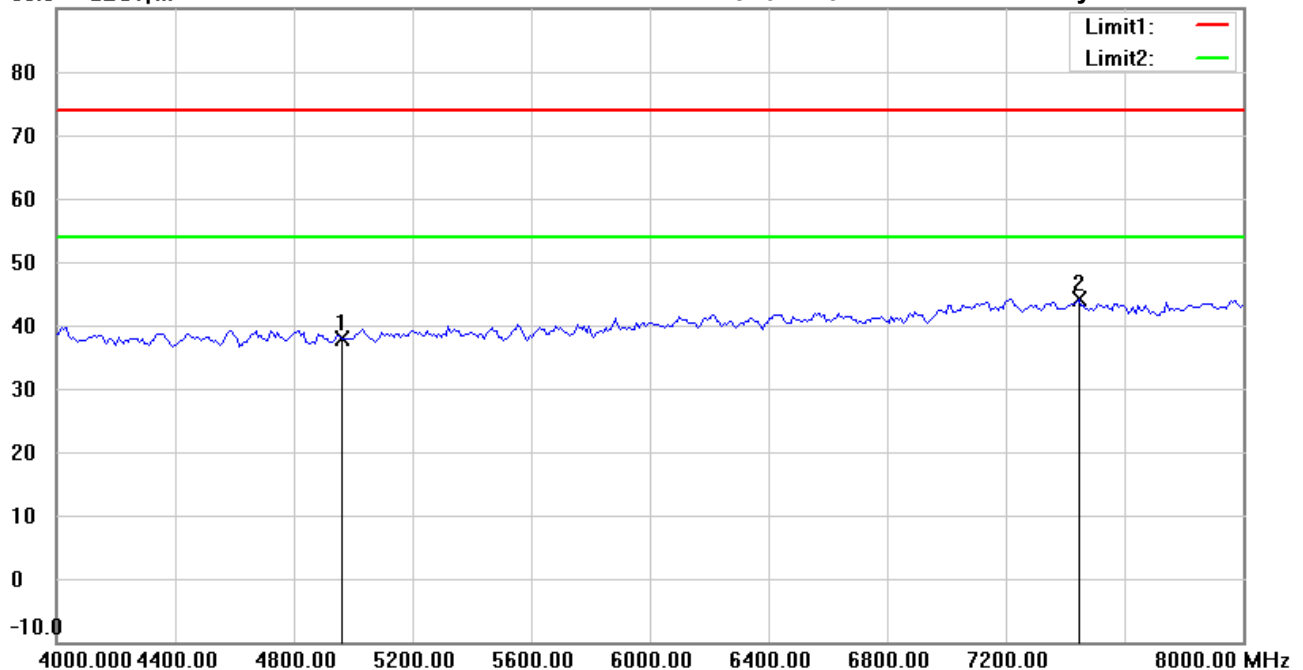
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:14:37 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 4960.000        | 39.28          | peak     | -1.36               | 37.92           | 74.00          | 150          | 88             | -36.08      |         |
| *   | 7440.000        | 40.42          | peak     | 3.76                | 44.18           | 74.00          | 150          | 130            | -29.82      |         |

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



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# Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

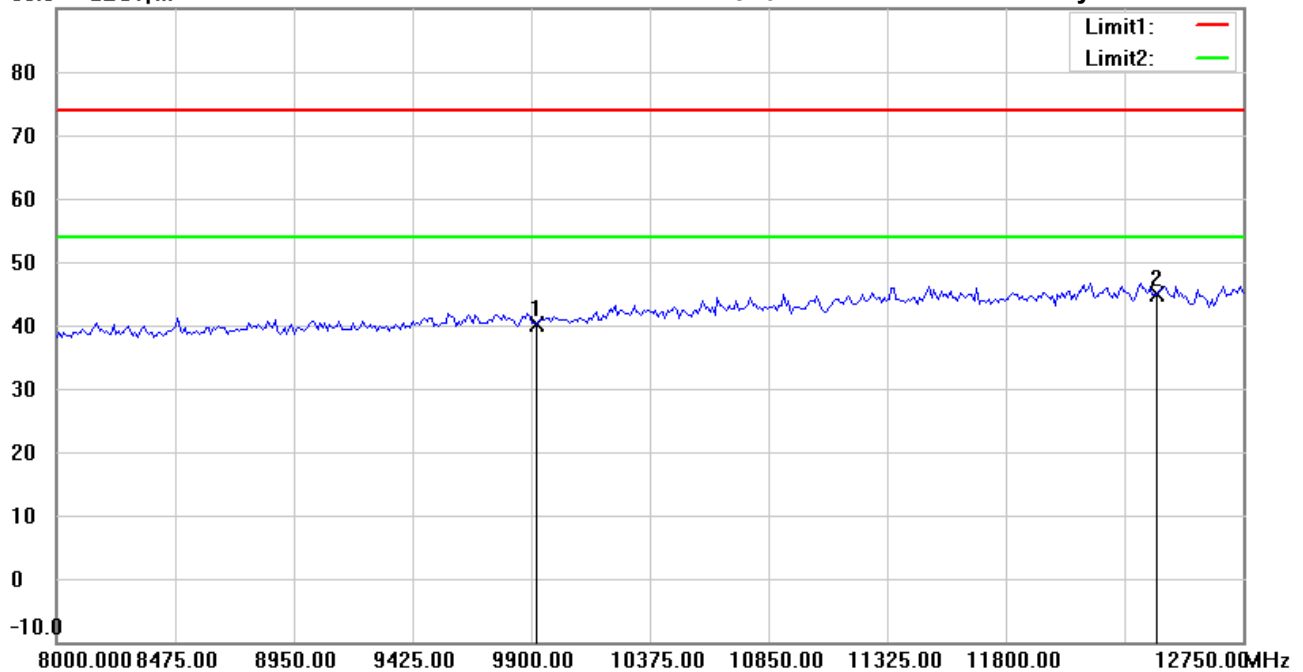
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:12:12 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9920.000        | 32.91          | peak     | 7.23                | 40.14           | 74.00          | 150          | 42             | -33.86      |         |
| *   | 12400.000       | 32.02          | peak     | 12.81               | 44.83           | 74.00          | 150          | 110            | -29.17      |         |

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



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Radiated Emission Measurement

Operator: Sky

File : 3

Data : #8

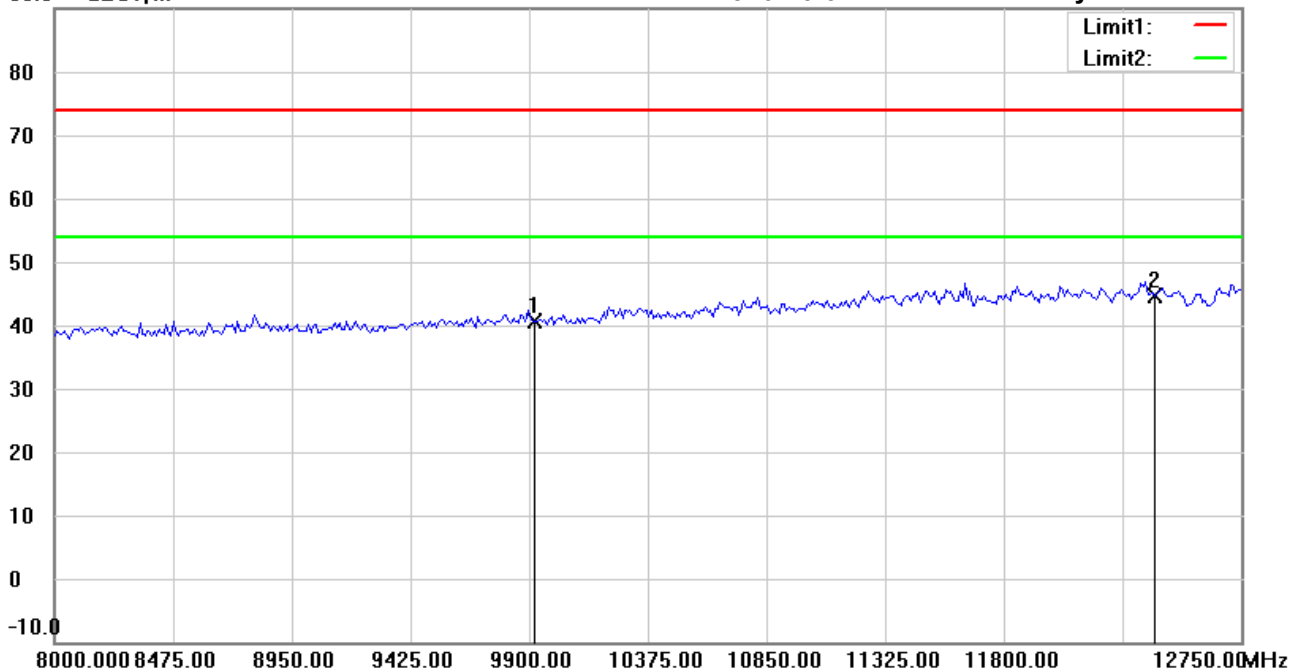
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:15:37 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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 |
|-----|-----------------|----------------|----------|---------------------|-----------------|----------------|--------------|----------------|-------------|---------|
|     | 9920.000        | 33.29          | peak     | 7.23                | 40.52           | 74.00          | 150          | 217            | -33.48      |         |
| *   | 12400.000       | 31.71          | peak     | 12.81               | 44.52           | 74.00          | 150          | 225            | -29.48      |         |

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



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Radiated Emission Measurement

Operator: Sky

File : 3

Data : #4

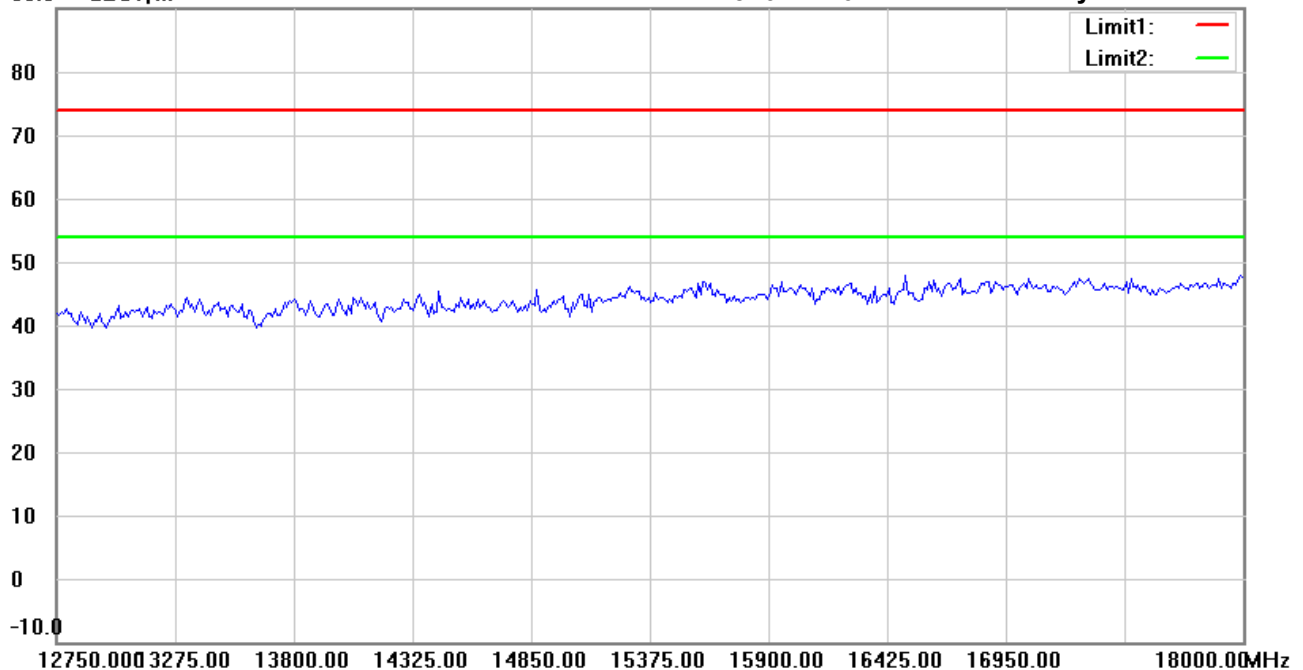
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:12:26 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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: Sky

File :3

Data :#9

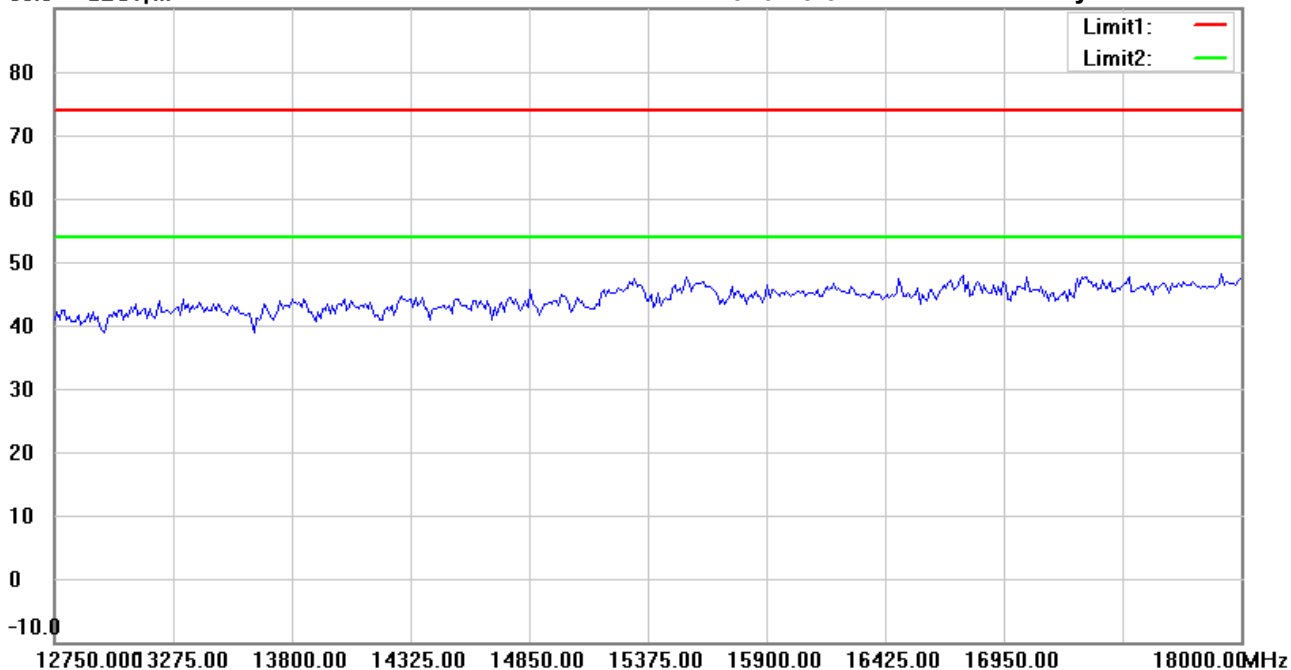
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:15:51 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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: Sky

File :3

Data :#5

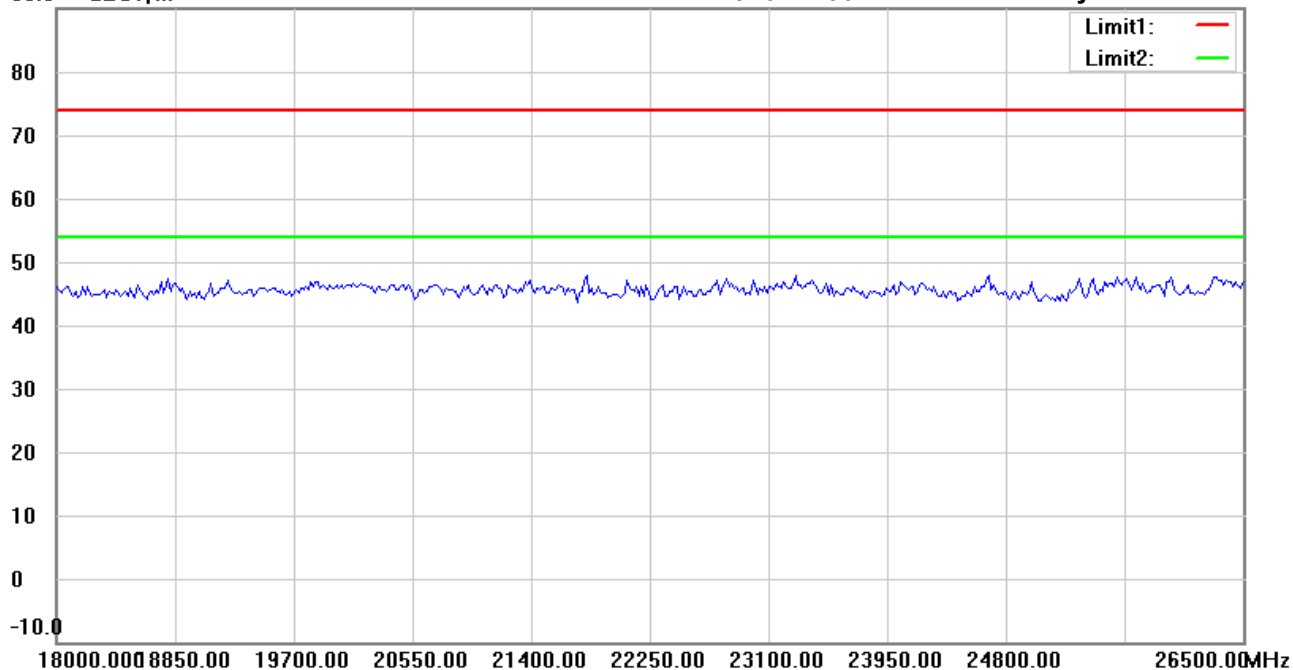
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:12:36 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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: Sky

File :3

Data :#10

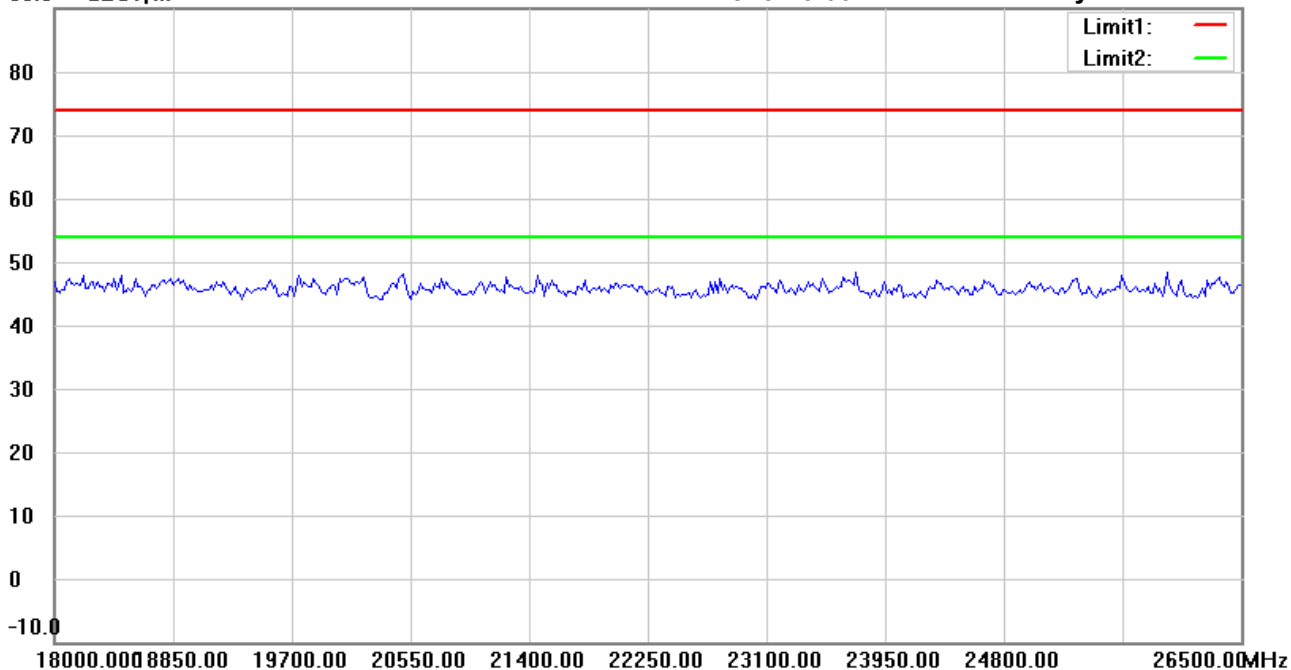
Date: 3/31/2021

Temperature: 25.8 °C

90.0 dBuV/m

Time: 9:16:00 PM

Humidity: 68.4 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6M22103-20740

M/N:

Test Mode : TX 2480MHz

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