

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

**for**

**2.4G Wireless Headset**

**Model No.: LS15X RX**

**FCC ID: YFK-1520233AA**

**of**

**Applicant: Bensussen Deutsch & Associates, Inc.**

**Address: 15525 Woodinville-Redmond Road NE Woodinville, WA 98072  
USA**

**Tested and Prepared**

**by**

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

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

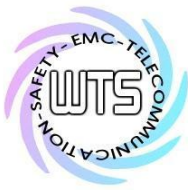
**Industry Canada filed test laboratory Reg. No. 20037**

**A2LA Accredited No.: 2732.01**



**Report No.: W6M22007-20095-C-1**

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.  
TEL: 886-2-66068877 FAX: 886-2-66068879 E-mail: [wts@wts-lab.com](mailto:wts@wts-lab.com)



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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.

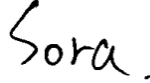
Neither is there any guarantee that such a test sample will interwork with other genuinely open systems. The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications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

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

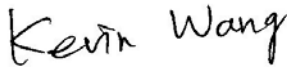
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### **Tester:**

September 04, 2020	Sora Kuo		
Date	WTS-Lab.	Name	Signature

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

September 04, 2020	Kevin Wang		
Date	WTS	Name	Signature



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## **1.2 Testing laboratory**

### **1.2.1 Location**

OATS

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

3 meter semi-anechoic chamber

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

TEL:886-2-6613-0228

FAX:886-2-2791-5046

Company

Worldwide Testing Services(Taiwan) Co., Ltd.

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

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

Tel : 886-2-66068877

Fax : 886-2-66068879

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

Accredited testing laboratory

A2LA accredited number: 2732.01

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

Industry Canada filed test laboratory Reg. No. 20037

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

Name: ./.

Accredited number: ./.

Street: ./.

Town: ./.

Country: ./.

Telephone: ./.

Fax: ./.

## **1.3 Details of approval holder**

Name: Bensussen Deutsch & Associates, Inc.

Street: 15525 Woodinville-Redmond Road

Town: NE Woodinville, WA 98072

Country: USA

Telephone: +1 425-492-2736

Fax: +1 425-286-1803



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#### **1.4 Application details**

Date of receipt of test item: August 26, 2020  
Date of test: from August 27, 2020 to September 02, 2020

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

Type of test item: 2.4G Wireless Headset  
Model Number: LS15X RX  
Brand Name: LucidSound  
Multi-listing model number: LS15P RX  
Photos: see Appendix

#### **Technical data**

Frequency band: 2.4GHz – 2.4835 GHz  
Frequency (ch 1 or A): 2403.35 MHz  
Frequency (ch 19 or B): 2439.35 MHz  
Frequency (ch 39 or C): 2479.35 MHz  
Number of Channels: 39  
Operation modes: Duplex  
Modulation Type: DQPSK

Fixed point-to-point operation:  Yes /  No

Type of Antenna: Chip antenna (for ANT 0 & ANT 1)  
Antenna gain: ANT0: 0.9 dBi, ANT 1: 1.8 dBi  
Power supply: Battery 3.7Vd.c., 1050mAh, 3.88Wh  
USB 5 Vd.c.  
Emission designator: 1M92G1D  
Host device: none



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Classification :

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

## Transmitter

## Unom

### ANT 0

Power (ch 1 or A):	Conducted: -0.92 dBm
Power (ch 19 or B):	Conducted: -1.93 dBm
Power (ch 39 or C):	Conducted: -2.67 dBm

### ANT 1

Power (ch 1 or A):	Conducted: 1.14 dBm
Power (ch 19 or B):	Conducted: 0.21 dBm
Power (ch 39 or C):	Conducted: -0.47 dBm

## Manufacturer: (if applicable)

Name:	AMPACS Corporation
Street:	3F. No. 19-3, Sanchong Road, Nangang District,
Town:	Taipei City 11501,
Country:	Taiwan

## 1.6 Test standards

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



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**2 Technical test**

**2.1 Summary of test results**

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

or

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

**2.2 Test environment**

Relative humidity content: 20 ... 75 %

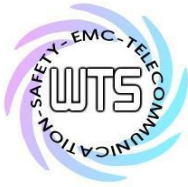
Air pressure: 86 ... 103 kPa

Power supply: Battery 3.7Vd.c., 1050mAh, 3.88Wh  
USB 5 Vd.c.

Extreme conditions parameters: ./.

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission	Expanded Uncertainty: AMN: 1.06 dB Voltage probe: 1.12 dB
Estimation Result of Uncertainty of Radiated Emission(3M)	Expanded Uncertainty: 0.009-30 MHz: 1.88 dB 30-1000 MHz: 2.79 dB 1-18 GHz: 2.36 dB 18-40 GHz: 1.55 dB
Estimation Result of Uncertainty of Bandwidth Measurement 20 dB Bandwidth, Occupied bandwidth, Channel bandwidth, Necessary Bandwidth	Expanded Uncertainty: 0.45 kHz
Estimation Result of Uncertainty of Conducted Output Power Measurement	Expanded Uncertainty: 1.14 dB
Estimation Result of Uncertainty of Power Density Measurement	Expanded Uncertainty: 1.45 dB
Estimation Result of Uncertainty of Band Edge Measurement	Expanded Uncertainty: 1.01 dBc

Measurement uncertainty is not included in the calculation of test results.



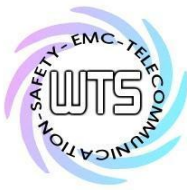
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## 2.3 Test Equipment List

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 TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2019/11/1	2020/10/31
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2019/9/24	2020/9/23
ETSTW-CE 008	HF-EICHLITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function Test	
ETSTW-CE 009	TEMP.&HUMIDITY 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	2019/10/3	2020/10/2
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	2020/7/16	2021/7/15
ETSTW-RE 012	TUNABLE BANDREJECT FILTER	D.C 0309	146	K&L	Function Test	
ETSTW-RE 013	TUNABLE BANDREJECT FILTER	D.C 0336	397	K&L	Function Test	
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2020/7/30	2021/7/29
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2020/7/8	2021/7/7
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2020/4/22	2021/4/21
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2020/2/18	2021/2/17
ETSTW-RE 043	Log-Periodic Dipole 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 SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2020/2/20	2021/2/19
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2020/2/20	2021/2/19
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2020/2/20	2021/2/19
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2020/3/6	2021/3/5
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2020/2/20	2021/2/19
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 Antenna	3117	00069377	ETS-Lindgren	Function Test	
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2019/9/23	2020/9/22
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2019/9/18	2020/9/17
ETSTW-RE 091	Match Pad	MDCS1500	None	WOKEN	2020/5/22	2021/5/21
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2020/2/20	2021/2/19
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	





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ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2020/1/13	2021/1/12
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	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	2020/2/20	2021/2/19
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	2020/4/9	2021/4/8
ETSTW-RE 148	Bi-log Hybrid Antenna	MCTD 2786B	BLB16M04006	ETC	2020/7/9	2021/7/8
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	2020/3/9	2021/3/8
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	2019/10/25	2020/10/24
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2020/1/13	2021/1/12
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2020/1/13	2021/1/12
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2020/1/13	2021/1/12
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2020/1/13	2021/1/12
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2019/9/12	2020/9/11
ETSTW-GSM 024	Radio Communication Analyzer	MT8821C	None	Anritsu	2020/3/27	2021/3/26
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	2020/2/20	2021/2/19
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2020/2/20	2021/2/19
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2020/2/20	2021/2/19
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2020/2/20	2021/2/19
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	2019/9/18	2020/9/17
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2019/9/18	2020/9/17
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2020/2/20	2021/2/19
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2020/5/15	2021/5/14



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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 001	Thermohygrometer	608-H1	45204316	Testo	2019/9/9	2020/9/8
ETSTW-TH 002	Thermohygrometer	608-H1	45204317	Testo	2019/9/9	2020/9/8



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## **2.4 General Test Procedure**

**POWER LINE CONDUCTED INTERFERENCE:** The procedure used was ANSI STANDARD C63.10-2013 5.2 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 6.4 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 6.3.1. 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): 15.209	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Band Edge Measurement	15.247(d)	<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"/>
Peak Power Spectral Density	15.247(e)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radiated Emission from Digital Part	15.109	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power Line Conducted Emission	15.207	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The following is intentionally left blank.



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### 3.1 Peak Output Power (transmitter)

FCC Rule: 15.247(b)(3)

This measurement applies to equipment with an integral antenna and to equipment with an antenna connector and equipped with an antenna as declared by the applicant.

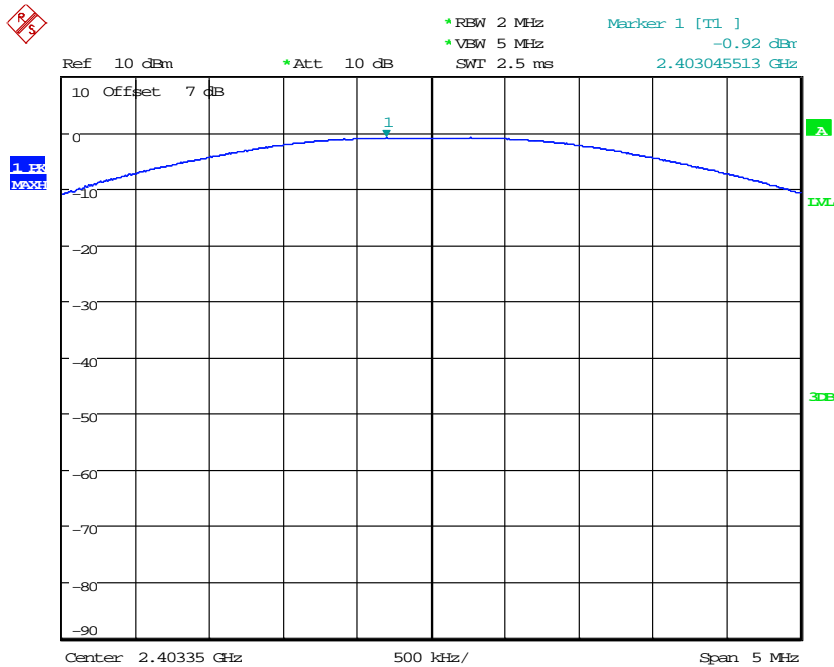
Test date: August 28, 2020

Temperature: 23.8°C

Humidity: 50.1 %

Tester: Sora

ANT 0



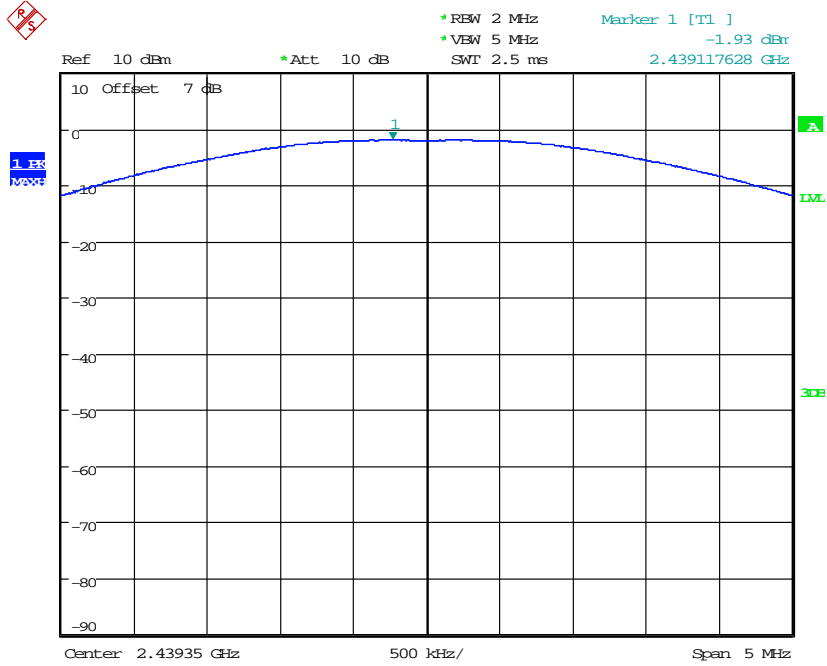
MAX OUTPUT POWER 2403.35MHz

Date: 28.AUG.2020 11:47:56

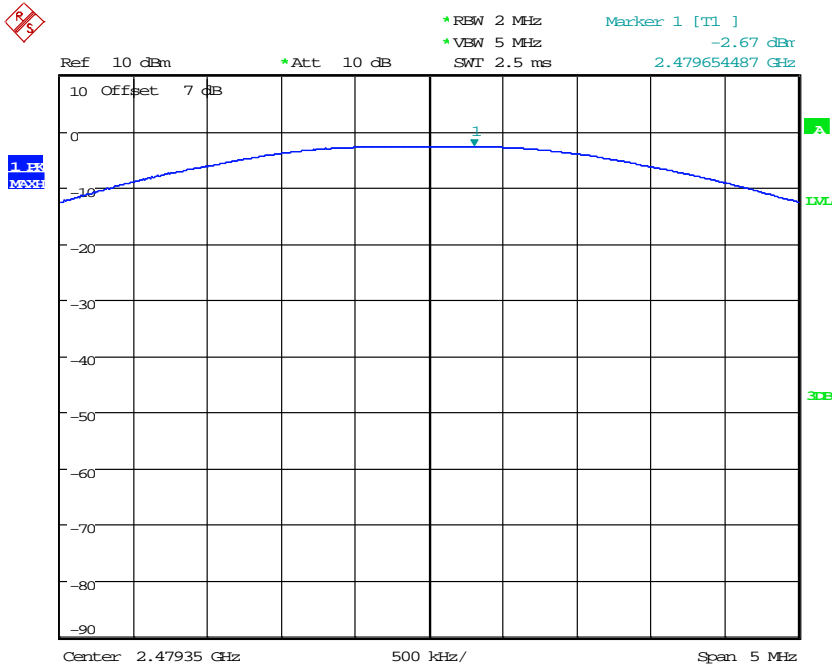


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22007-20095-C-1  
FCC ID: YFK-1520233AA



MAX OUTPUT POWER 2439.35MHz  
Date: 28.AUG.2020 11:48:21



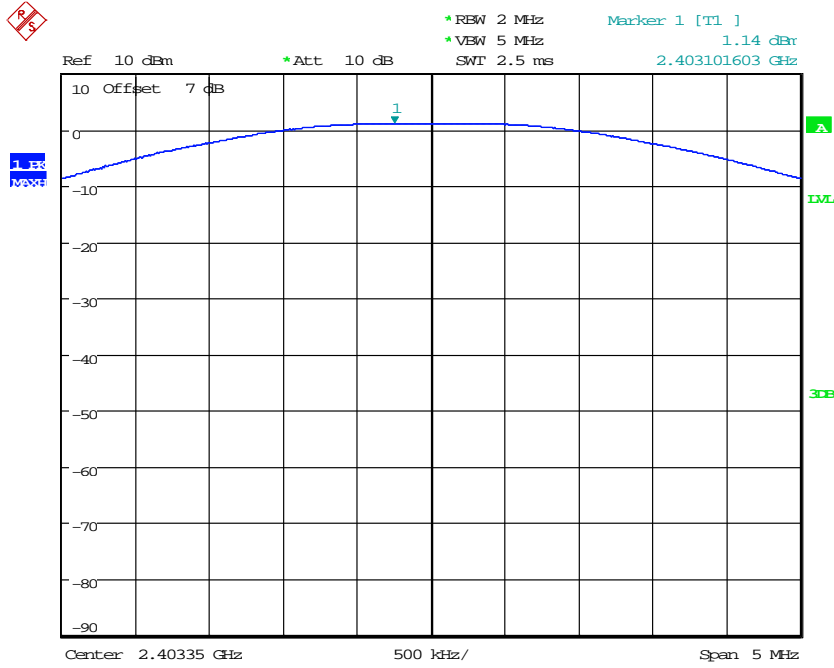
MAX OUTPUT POWER 2479.35MHz  
Date: 28.AUG.2020 11:48:55



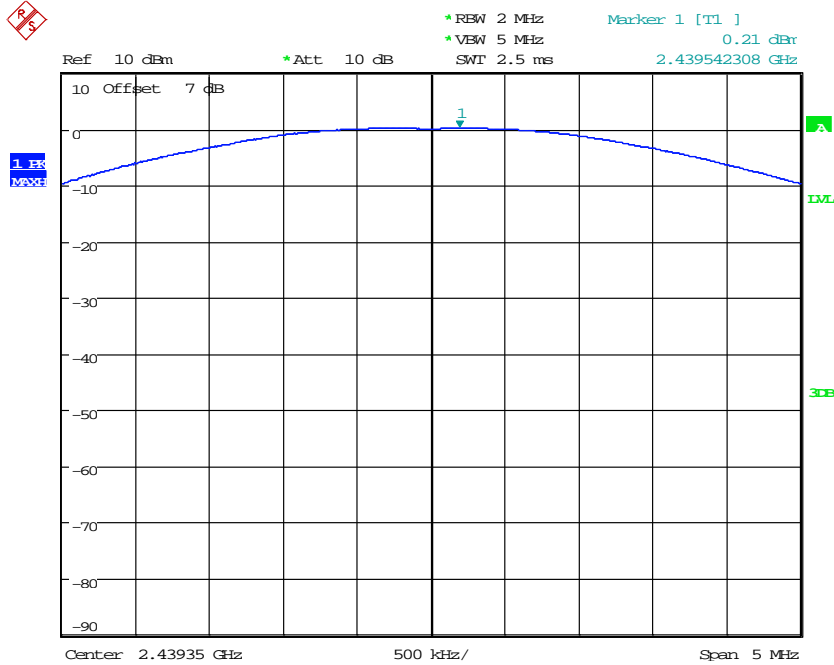
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22007-20095-C-1  
FCC ID: YFK-1520233AA

ANT 1



MAX OUTPUT POWER 2403.35MHz  
Date: 28.AUG.2020 11:39:23

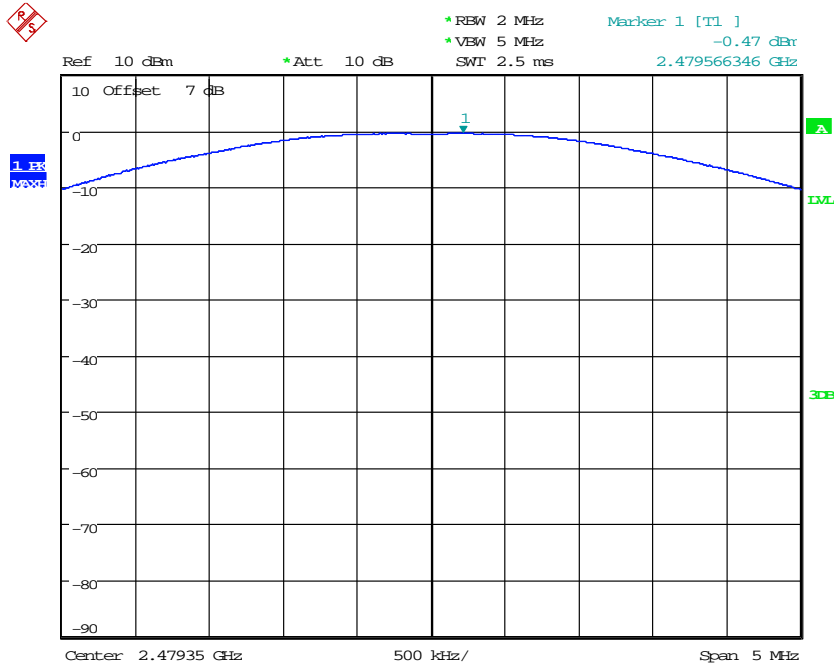


MAX OUTPUT POWER 2439.35MHz  
Date: 28.AUG.2020 11:38:51





Registration number: W6M22007-20095-C-1  
 FCC ID: YFK-1520233AA



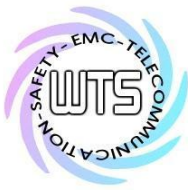
MAX OUTPUT POWER 2479.35MHz  
 Date: 28.AUG.2020 11:37:55

**Limits:**

Frequency MHz	Power 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: W6M22007-20095-C-1  
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**3.2 Equivalent Isotropic Radiated Power (EIRP)**

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

ANT 0

EIRP = -0.92 dBm + (0.9 dBi [antenna gain claimed by manufacturer]) = -0.02 dBm = 0.9954 mW

ANT 1

EIRP = 1.14 dBm + (1.8 dBi [antenna gain claimed by manufacturer]) = 2.94 dBm = 1.9679 mW

**3.3 Exemption Limits for Routine Evaluation according to FCC KDB Publication**

**RESULT:**

Test standard : FCC KDB Publication  
447498 D01 General RF Exposure Guidance v06

**3.3.1 Exemption Limits for Routine Evaluation – SAR Evaluation**

SAR evaluation is required if the separation distance between the user and/or bystander and the antenna and/or radiating element of the device is less than or equal to 20 cm, except when the device operates at or below the applicable output power level (adjusted for tune-up tolerance) for the specified separation distance defined in Table .

Table: SAR evaluation — Exemption limits for routine evaluation based on frequency and separation distance

MHz	5	10	15	20	25	mm
2403.35	10.08	19.25	29.34	38.51	48.51	SAR Test Exclusion Threshold (mW)

MHz	30	35	40	45	50	mm
2403.35	57.68	67.76	77.85	87.02	97.10	SAR Test Exclusion Threshold (mW)

Output power level shall be the higher of the maximum conducted or equivalent isotropically radiated power (e.i.r.p.) source-based, time-averaged output power.

Established separation distance is 5 mm.

Operating frequency band : 2403.34-2479.35 MHz

ANT 0

Max. output power level at 5 mm separation distance at 2403.35 MHz according to table is: 10.08 mW  
The product is exempt from SAR Evaluation/Testing because the output power of 0.9954 mW is below the exemption limit of 10.08 mW.

ANT 1

Max. output power level at 5 mm separation distance at 2403.35 MHz according to table is: 10.08 mW  
The product is exempt from SAR Evaluation/Testing because the output power of 1.9679 mW is below the exemption limit of 10.08 mW.



Registration number: W6M22007-20095-C-1

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### **3.4 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 =  $20 \log (\text{dwell time}/100\text{ms})$

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: LS15X RX Date: --  
 Mode: -- Temperature: -- °C Engineer: --  
 Polarization: -- Humidity: -- %

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

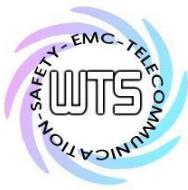
Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result (dBuV/m)		Limit (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (m)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

### 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



Registration number: W6M22007-20095-C-1  
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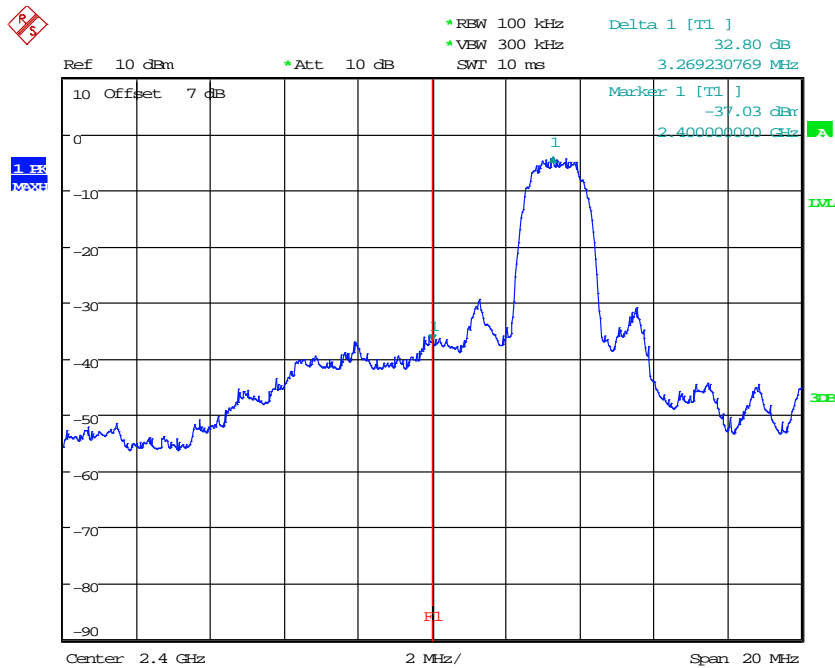
### 3.5 Radiated Emission on the band edge

According to FCC rules part 15 subpart C §15.247(d) 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: August 28, 2020  
Temperature: 23.8°C  
Humidity: 50.1 %  
Tester: Sora

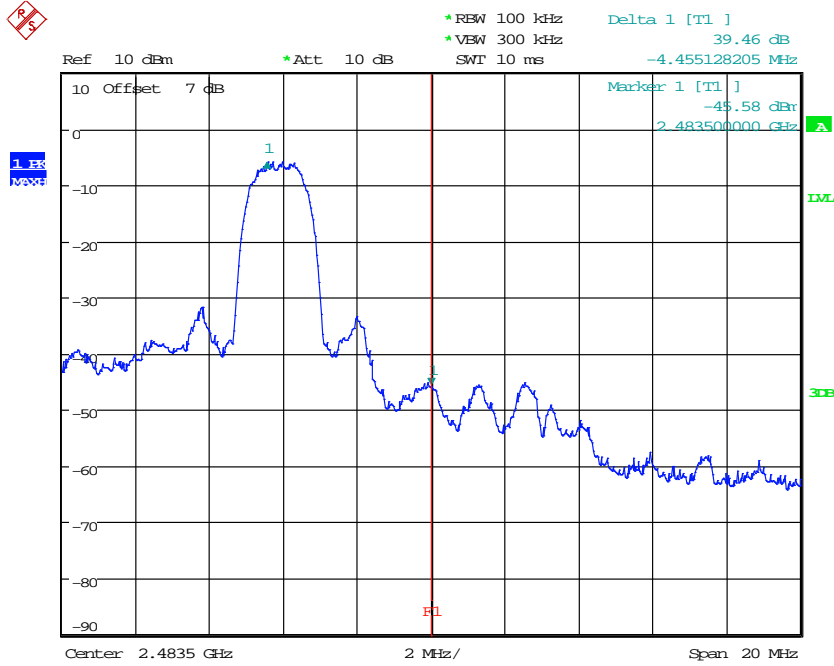
ANT 0



BANDEDGE 2403.35MHz  
Date: 28.AUG.2020 11:59:36

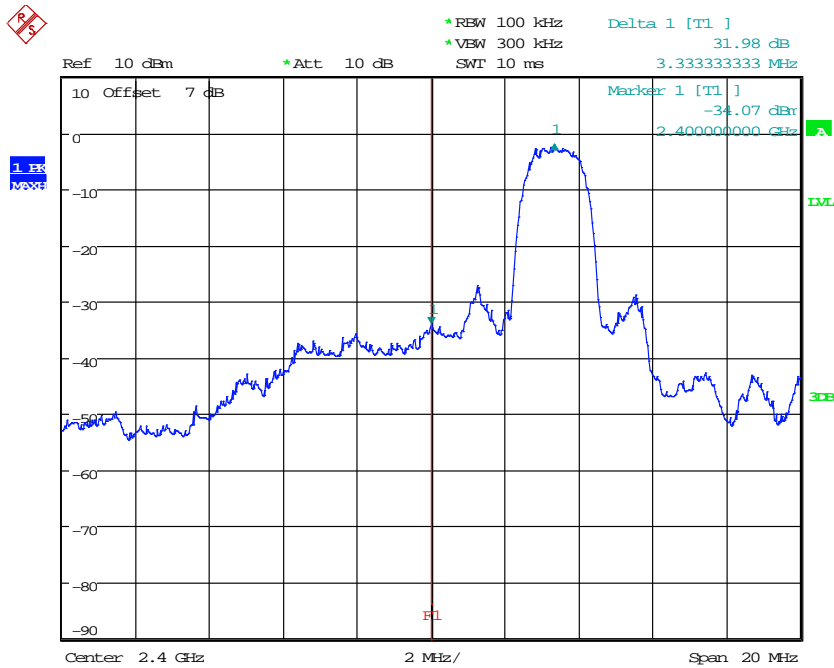


Registration number: W6M22007-20095-C-1  
FCC ID: YFK-1520233AA

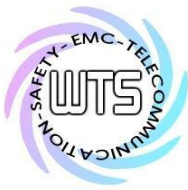


BANDEDGE 2479.35MHz  
Date: 28.AUG.2020 11:58:55

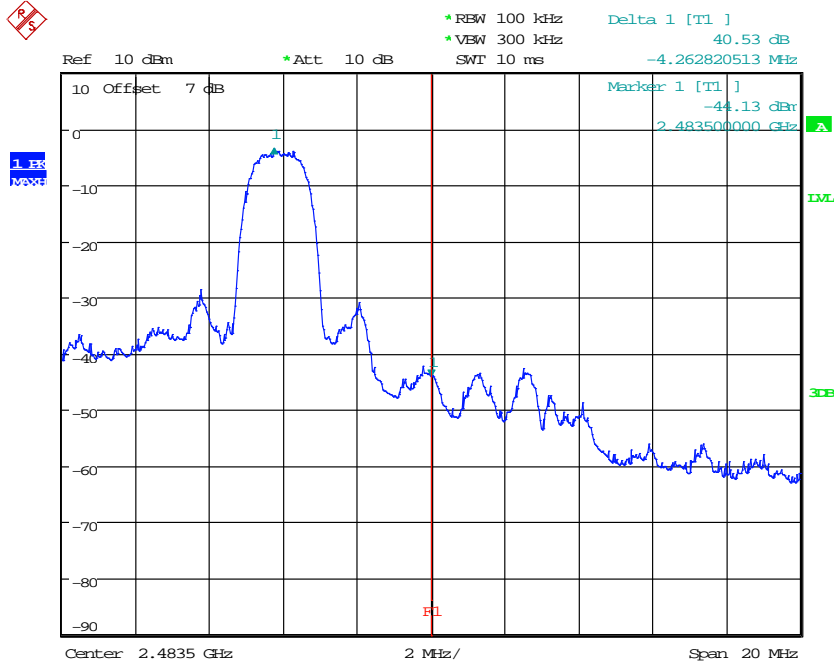
ANT 1



BANDEDGE 2403.35MHz  
Date: 28.AUG.2020 11:31:11



Registration number: W6M22007-20095-C-1  
 FCC ID: YFK-1520233AA



BANDEDGE 2479.35MHz  
 Date: 28.AUG.2020 11:31:54

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



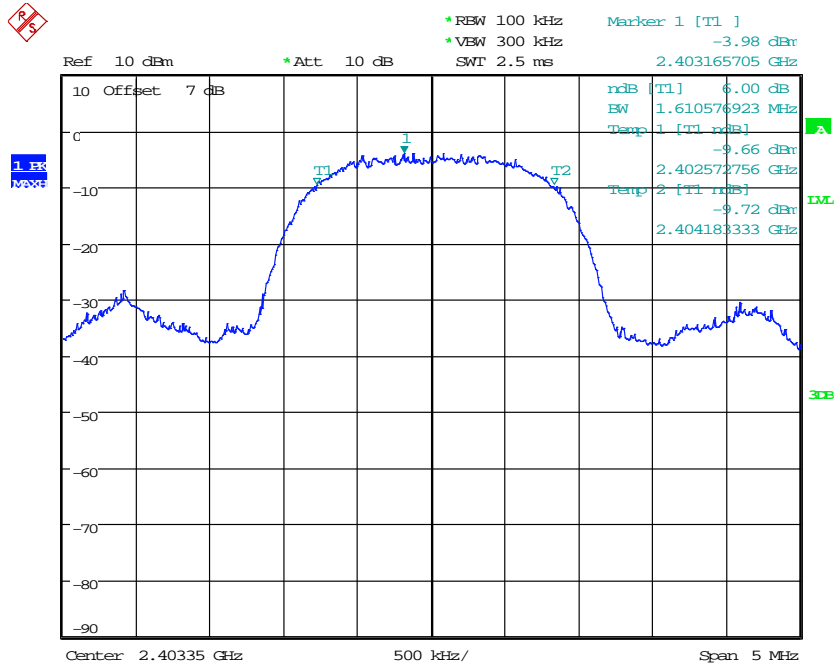
Registration number: W6M22007-20095-C-1  
FCC ID: YFK-1520233AA

### 3.6 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: August 28, 2020  
Temperature: 23.8°C  
Humidity: 50.1 %  
Tester: Sora

ANT 0



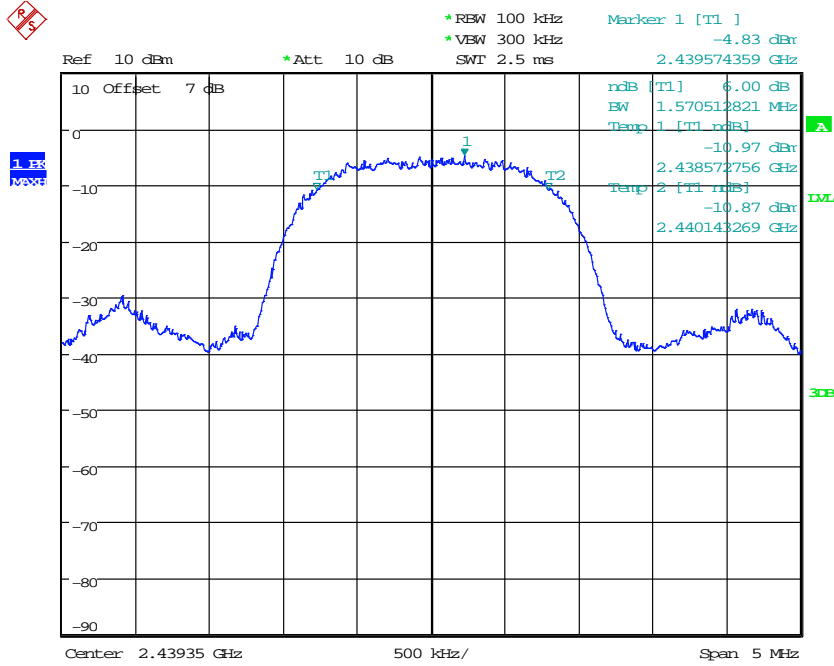
6DB BANDWIDTH 2403.35MHz  
Date: 28.AUG.2020 11:56:38



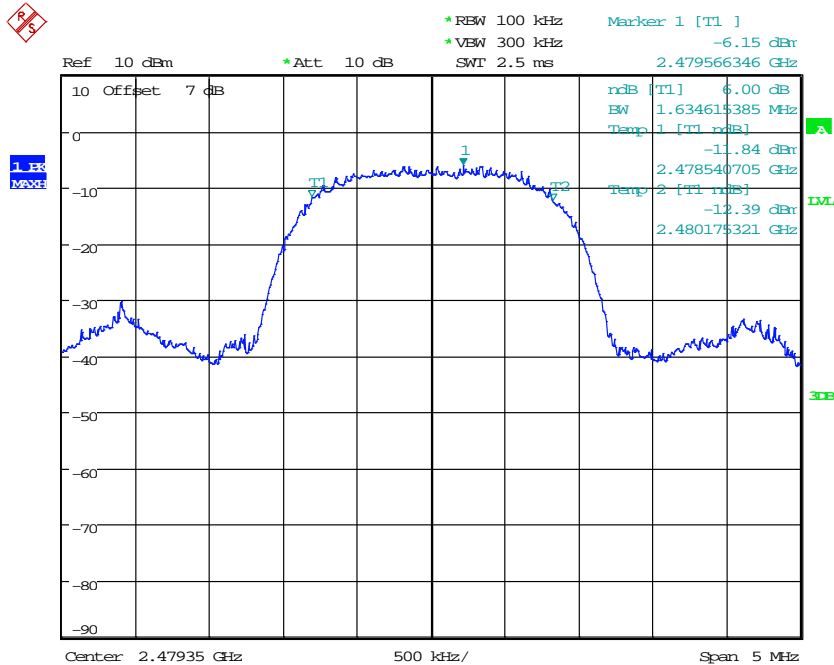


# Worldwide Testing Services(Taiwan) Co., Ltd.

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6DB BANDWIDTH 2439.35MHz  
Date: 28.AUG.2020 11:57:20



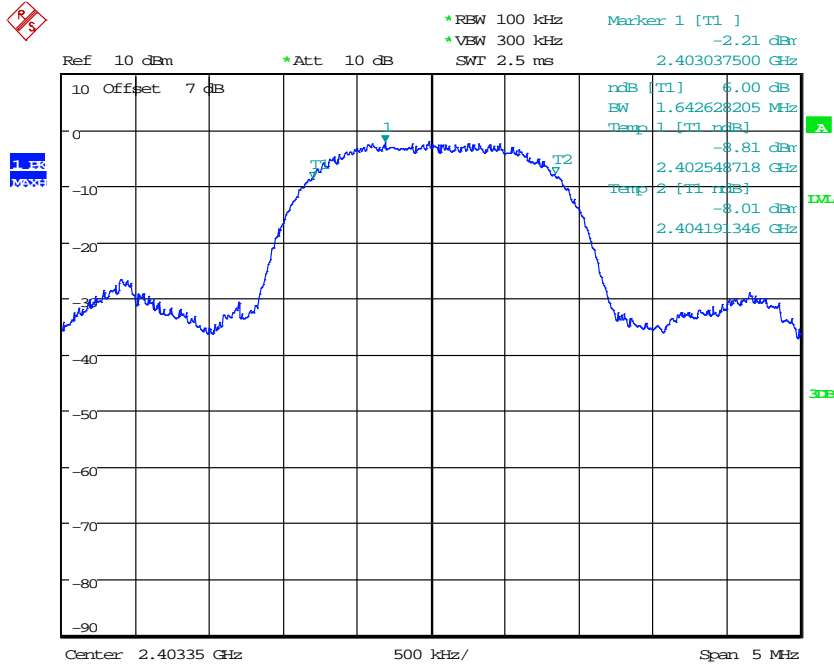
6DB BANDWIDTH 2479.35MHz  
Date: 28.AUG.2020 11:58:01



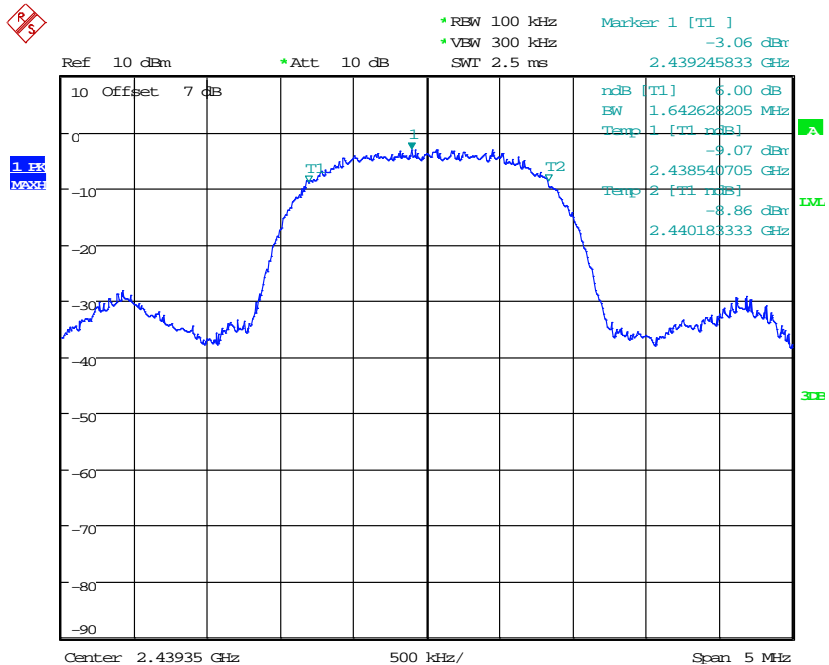
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22007-20095-C-1  
FCC ID: YFK-1520233AA

ANT 1



6DB BANDWIDTH 2403.35MHz  
Date: 28.AUG.2020 11:34:55

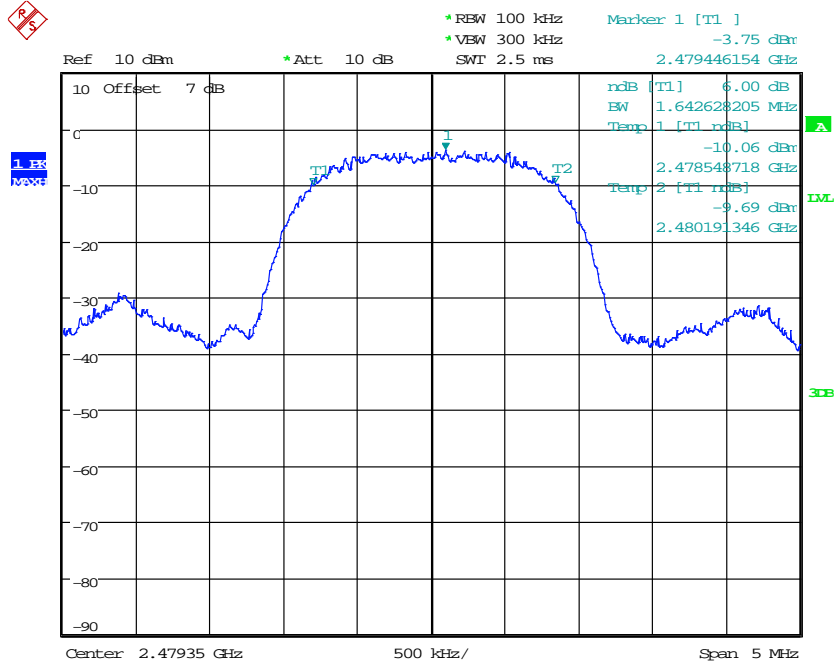


6DB BANDWIDTH 2439.35MHz  
Date: 28.AUG.2020 11:33:31



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

Registration number: W6M22007-20095-C-1  
 FCC ID: YFK-1520233AA



## Limits:

Frequency Range 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



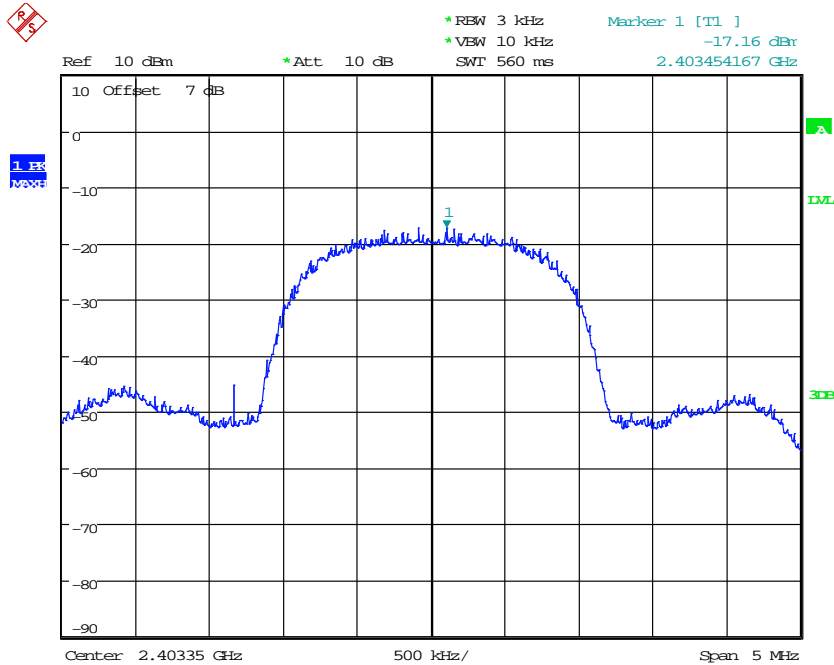
Registration number: W6M22007-20095-C-1  
FCC ID: YFK-1520233AA

### 3.7 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: August 28, 2020  
Temperature: 23.8°C  
Humidity: 50.1 %  
Tester: Sora

ANT 0

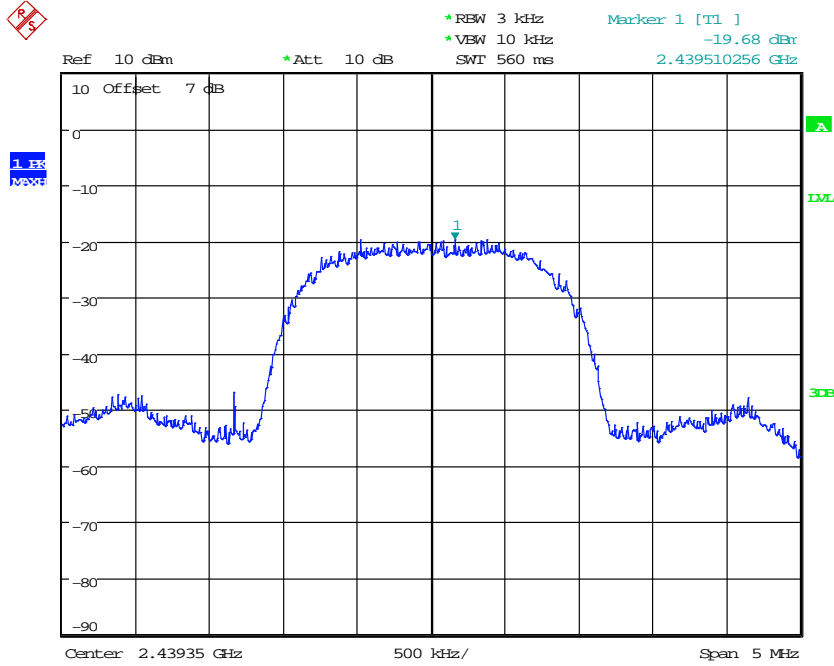


POWER DENSITY 2403.35MHz  
Date: 28.AUG.2020 11:55:32

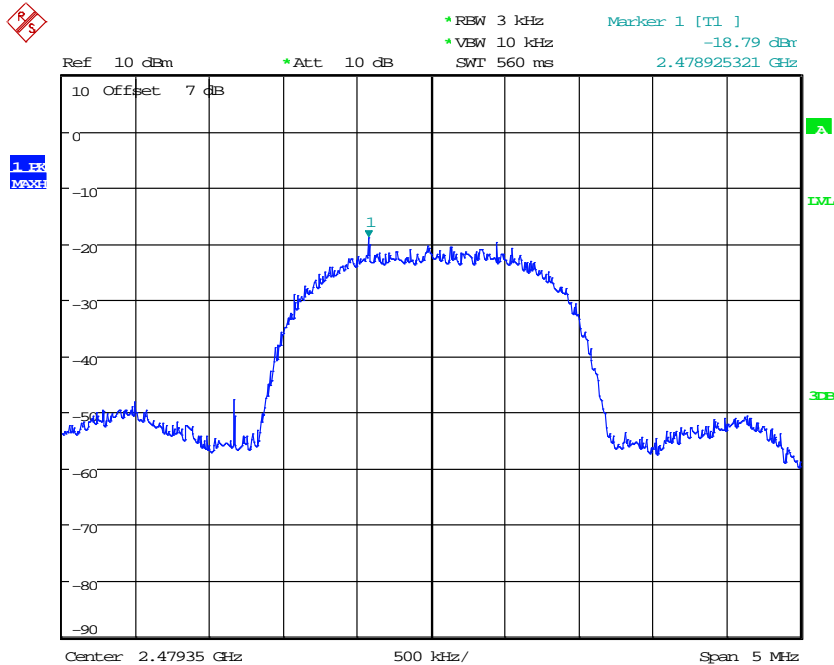


# Worldwide Testing Services(Taiwan) Co., Ltd.

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FCC ID: YFK-1520233AA



POWER DENSITY 2439.35MHz  
Date: 28.AUG.2020 11:51:31

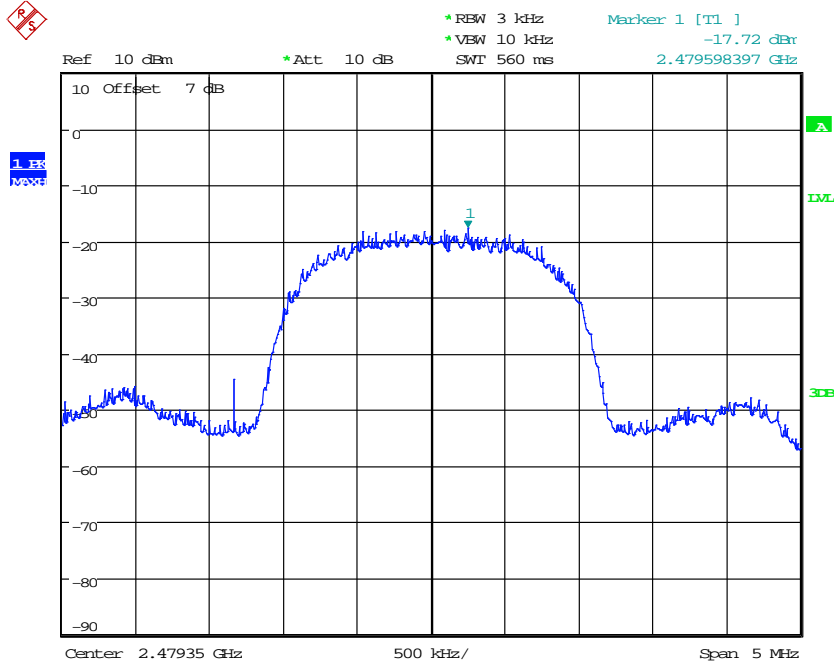


POWER DENSITY 2479.35MHz  
Date: 28.AUG.2020 11:50:46





Registration number: W6M22007-20095-C-1  
 FCC ID: YFK-1520233AA

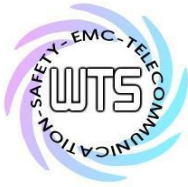


POWER DENSITY 2479.35MHz  
 Date: 28.AUG.2020 11:37:21

### Limits:

Frequency Range MHz	dBm
902-928	8
2400-2483.5	8
5725-5850	8

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



Registration number: W6M22007-20095-C-1  
FCC ID: YFK-1520233AA

**3.8 Radiated Emission from digital Part**

FCC Rule: 15.109

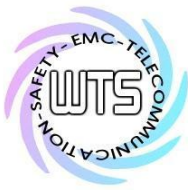
Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

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

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

Explanation: Please refer to separated test report no.: W6M22007-20095-P-15B.



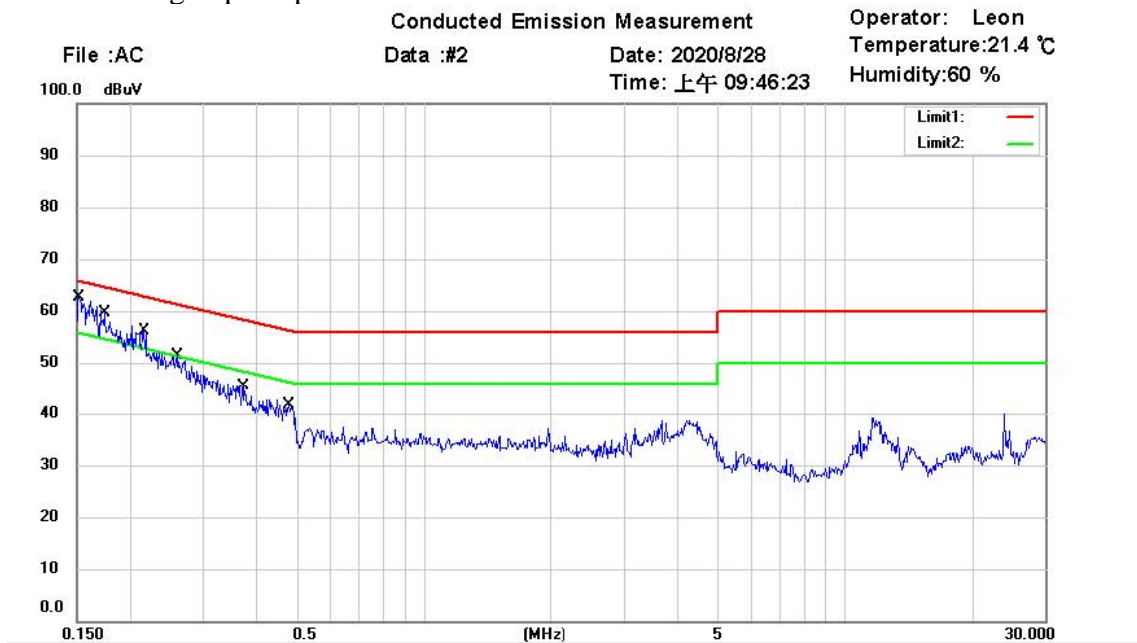


Registration number: W6M22007-20095-C-1  
 FCC ID: YFK-1520233AA

### 3.9 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.



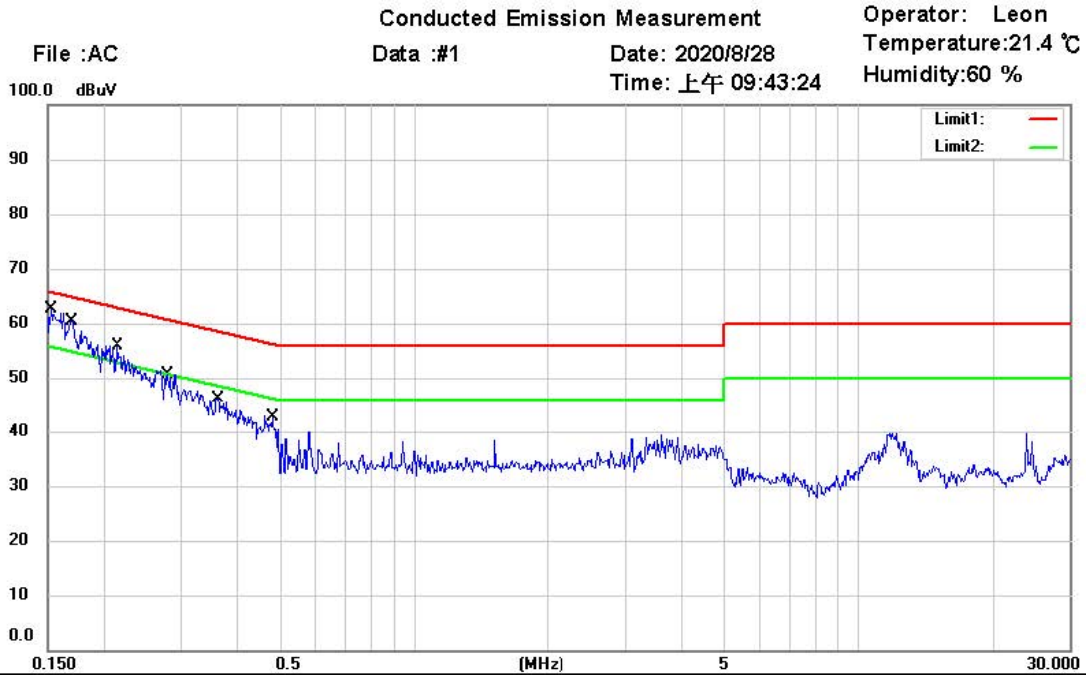
Site : Chamber\_03  
 Condition : FCC Part 15 Class B Conduction (QP)      Phase: N  
 EUT : W6M22007-20095      Power : 120 Va.c.  
 M/N:  
 Test Mode : Wireless  
 Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1508	43.77	QP	9.59	53.36	65.96	-12.60	
	0.1508	22.63	AVG	9.59	32.22	55.96	-23.74	
	0.1735	38.59	QP	9.59	48.18	64.79	-16.61	
	0.1735	21.23	AVG	9.59	30.82	54.79	-23.97	
	0.2163	34.96	QP	9.58	44.54	62.96	-18.42	
	0.2163	17.47	AVG	9.58	27.05	52.96	-25.91	
	0.2613	31.17	QP	9.57	40.74	61.39	-20.65	
	0.2613	18.09	AVG	9.57	27.66	51.39	-23.73	
	0.3730	26.23	QP	9.55	35.78	58.43	-22.65	
	0.3730	15.92	AVG	9.55	25.47	48.43	-22.96	
	0.4780	22.35	QP	9.54	31.89	56.37	-24.48	
	0.4780	13.58	AVG	9.54	23.12	46.37	-23.25	



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

Registration number: W6M22007-20095-C-1  
 FCC ID: YFK-1520233AA



Site : Chamber\_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M22007-20095

Power : 120 Va.c.

M/N:

Test Mode : Wireless

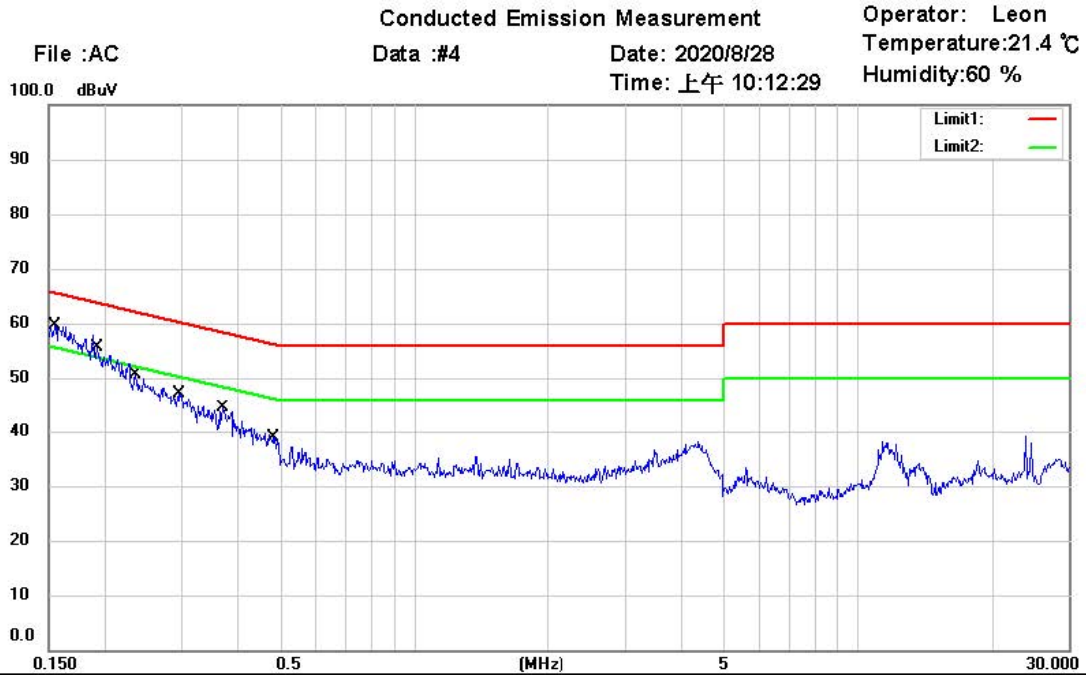
Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1520	40.98	QP	9.61	50.59	65.89	-15.30	
	0.1520	20.26	AVG	9.61	29.87	55.89	-26.02	
*	0.1686	40.79	QP	9.61	50.40	65.03	-14.63	
	0.1686	22.20	AVG	9.61	31.81	55.03	-23.22	
	0.2155	35.73	QP	9.60	45.33	62.99	-17.66	
	0.2155	19.53	AVG	9.60	29.13	52.99	-23.86	
	0.2790	29.50	QP	9.59	39.09	60.85	-21.76	
	0.2790	15.26	AVG	9.59	24.85	50.85	-26.00	
	0.3623	27.76	QP	9.58	37.34	58.68	-21.34	
	0.3623	11.21	AVG	9.58	20.79	48.68	-27.89	
	0.4811	21.71	QP	9.56	31.27	56.32	-25.05	
	0.4811	11.46	AVG	9.56	21.02	46.32	-25.30	



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

Registration number: W6M22007-20095-C-1  
 FCC ID: YFK-1520233AA



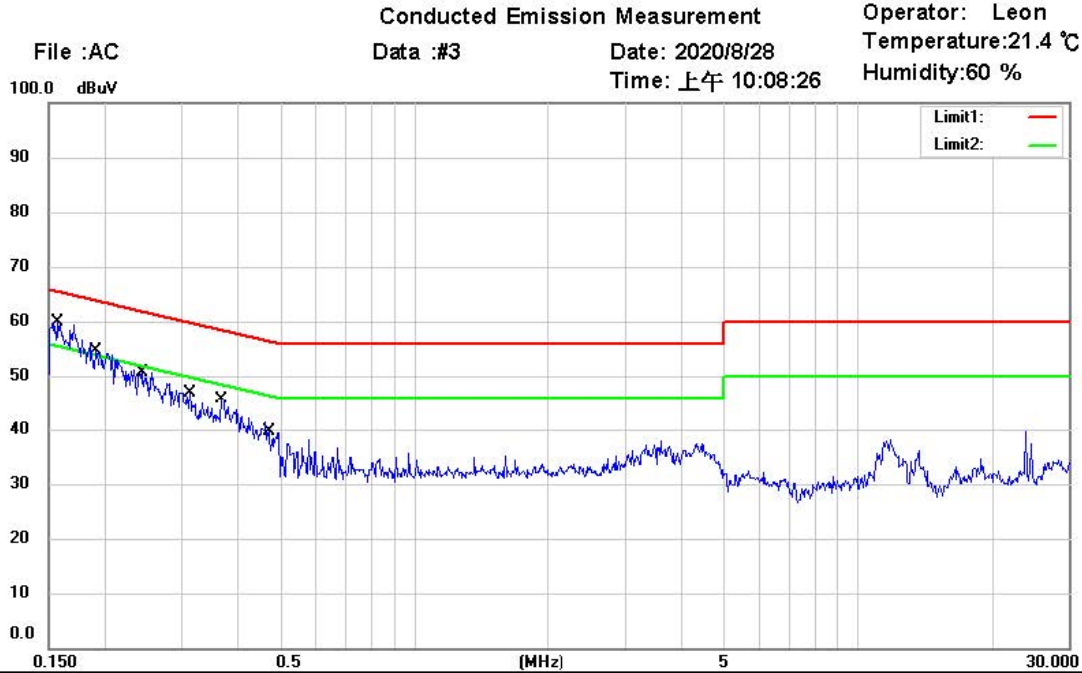
Site : Chamber\_03  
 Condition : FCC Part 15 Class B Conduction (QP)                      Phase: N  
 EUT : W6M22007-20095                      Power : 120 Va.c.  
 M/N:  
 Test Mode : AUX  
 Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1546	37.38	QP	9.59	46.97	65.75	-18.78	
	0.1546	20.83	AVG	9.59	30.42	55.75	-25.33	
	0.1922	33.98	QP	9.58	43.56	63.94	-20.38	
	0.1922	18.52	AVG	9.58	28.10	53.94	-25.84	
	0.2358	29.34	QP	9.57	38.91	62.24	-23.33	
	0.2358	19.32	AVG	9.57	28.89	52.24	-23.35	
	0.2987	26.31	QP	9.57	35.88	60.28	-24.40	
	0.2987	13.53	AVG	9.57	23.10	50.28	-27.18	
	0.3698	25.00	QP	9.55	34.55	58.51	-23.96	
	0.3698	13.18	AVG	9.55	22.73	48.51	-25.78	
	0.4837	20.25	QP	9.54	29.79	56.28	-26.49	
	0.4837	10.20	AVG	9.54	19.74	46.28	-26.54	



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

Registration number: W6M22007-20095-C-1  
 FCC ID: YFK-1520233AA



Site : Chamber\_03  
 Condition : FCC Part 15 Class B Conduction (QP)                      Phase: L1  
 EUT : W6M22007-20095                      Power : 120 Va.c.  
 M/N:  
 Test Mode : AUX  
 Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1563	37.91	QP	9.61	47.52	65.66	-18.14	
	0.1563	20.29	AVG	9.61	29.90	55.66	-25.76	
	0.1913	33.29	QP	9.60	42.89	63.98	-21.09	
	0.1913	16.52	AVG	9.60	26.12	53.98	-27.86	
	0.2450	28.22	QP	9.59	37.81	61.92	-24.11	
	0.2450	15.32	AVG	9.59	24.91	51.92	-27.01	
	0.3131	25.15	QP	9.58	34.73	59.89	-25.16	
	0.3131	12.32	AVG	9.58	21.90	49.89	-27.99	
	0.3691	26.91	QP	9.57	36.48	58.52	-22.04	
	0.3691	11.02	AVG	9.57	20.59	48.52	-27.93	
	0.4692	19.22	QP	9.56	28.78	56.53	-27.75	
	0.4692	10.18	AVG	9.56	19.74	46.53	-26.79	

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



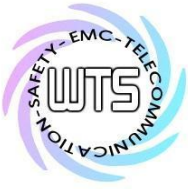
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22007-20095-C-1  
FCC ID: YFK-1520233AA

**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: W6M22007-20095-C-1  
FCC ID: YFK-1520233AA

## **Appendix**

### **Measurement diagrams**

Spurious Emissions radiated



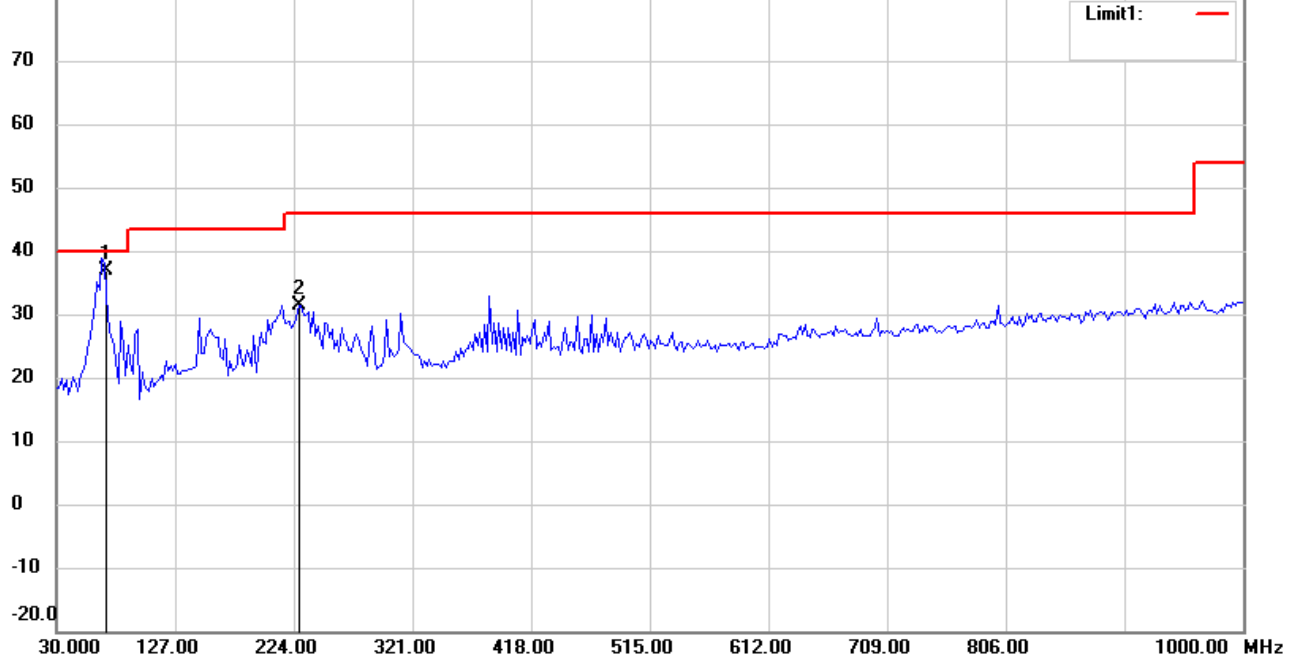
Radiated Emission Measurement

Operator: Sky  
Temperature:28.3 °C  
Humidity:49.0 %

File :1\_ANT 0\_TX 2403  
80.0 dBuV/m

Data :#1

Date: 8/28/2020  
Time: 12:18:51 AM



Site : Chamber

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

EUT : W6M22007-20095

M/N:

Test Mode : TX 2403.35MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	69.7745	50.77	QP	-13.97	36.80	40.00	150	223	-3.20	
	228.2766	40.63	peak	-9.13	31.50	46.00	100	20	-14.50	

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





Radiated Emission Measurement

Operator: Sky

File :1\_ANT 0\_TX 2403

Data :#2

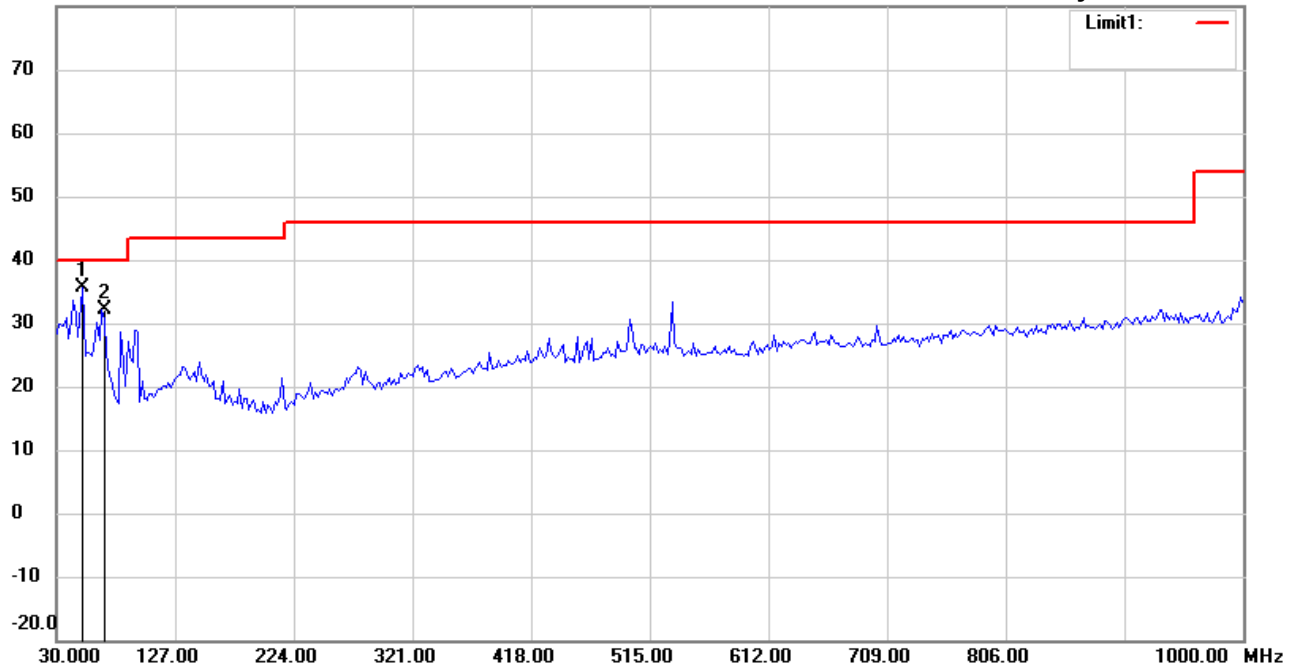
Date: 8/28/2020

Temperature:28.3 °C

80.0 dBuV/m

Time: 12:19:57 AM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
*	51.3828	46.04	peak	-10.42	35.62	40.00	100	180	-4.38	
	66.9340	45.37	peak	-13.27	32.10	40.00	100	255	-7.90	





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Radiated Emission Measurement

Operator: Sky

File :3

Data :#1

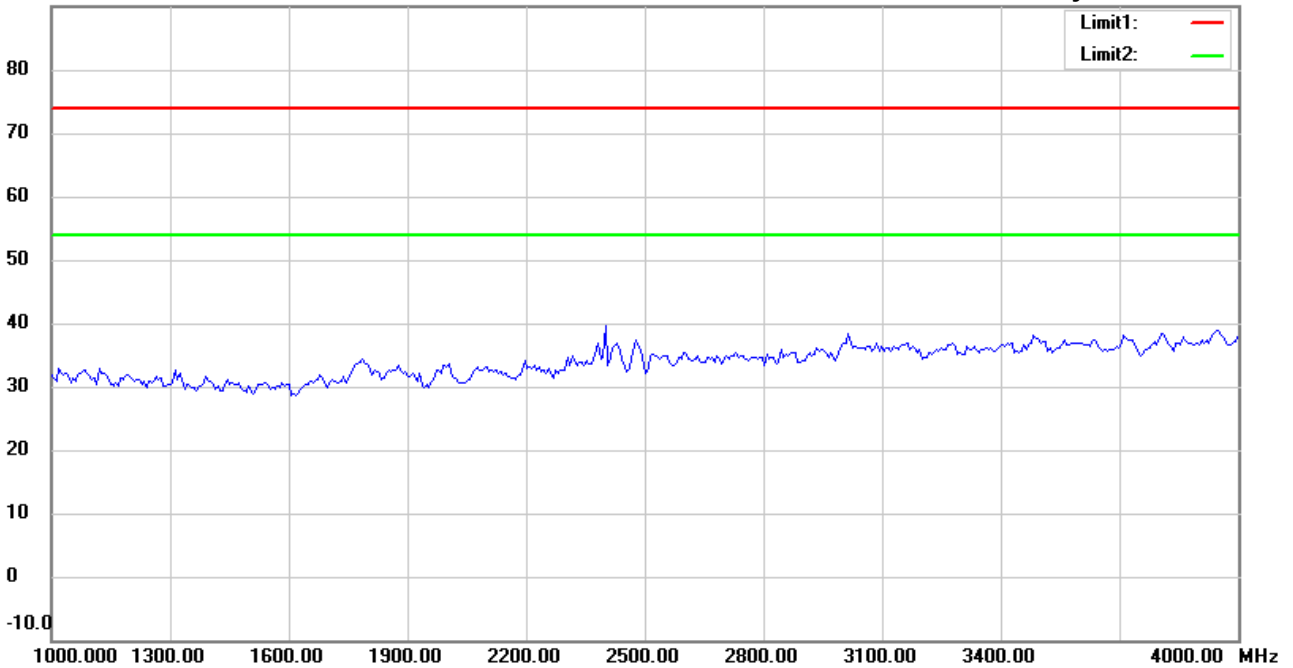
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:05:17 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#6

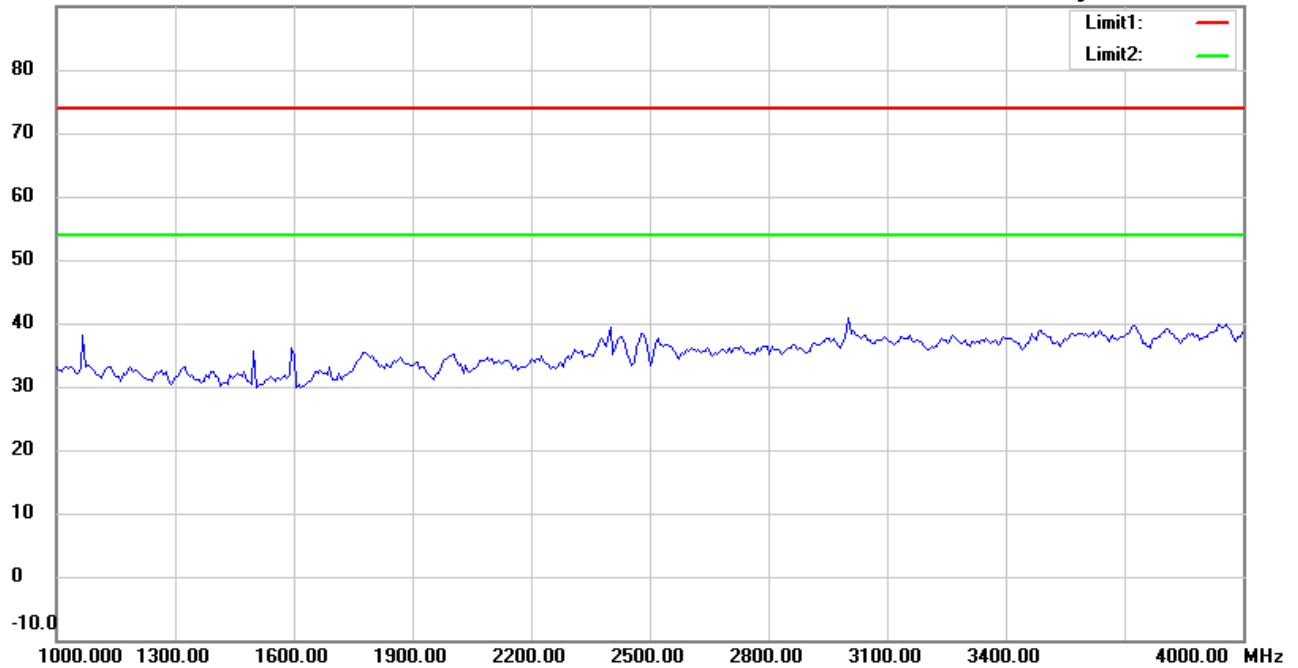
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:08:41 PM

Humidity:49.0 %



Site : Chamber

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

EUT : W6M22007-20095

M/N:

Test Mode : TX 2403.35MHz

Note :

Polarization: *Vertical*

Power : 5 Vd.c.

Distance: 3m

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

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



Radiated Emission Measurement

Operator: Sky

File :3

Data :#2

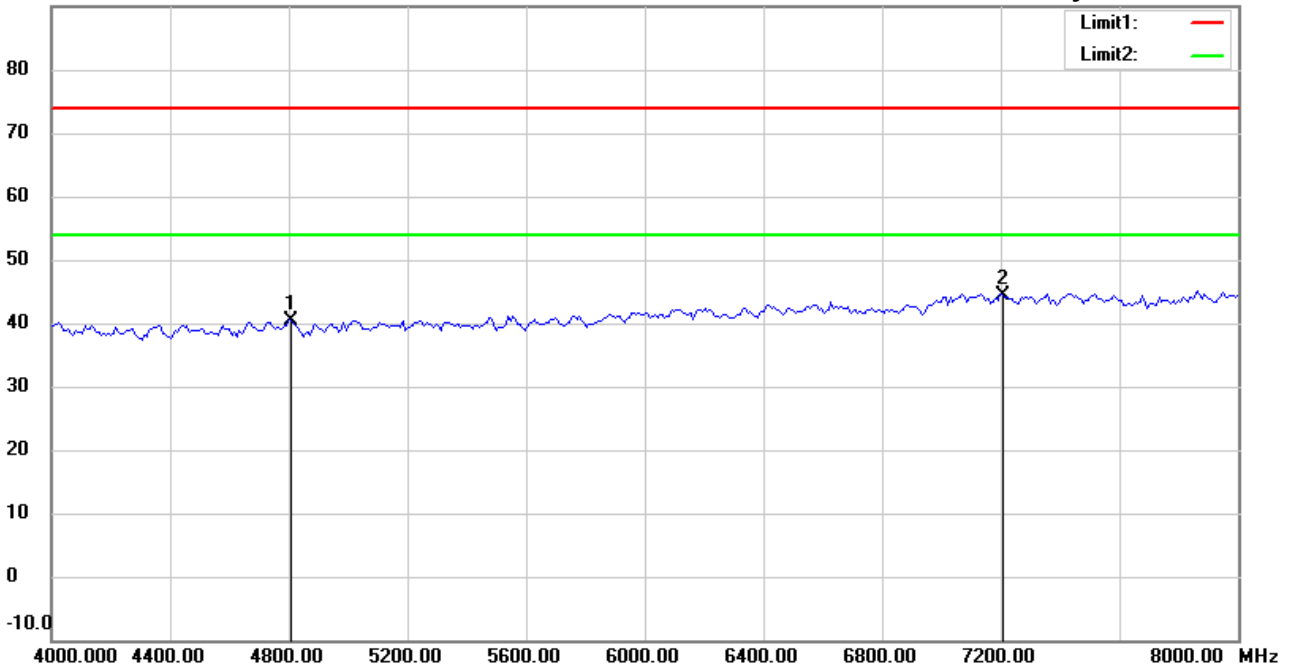
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:06:18 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
	4802.700	42.17	peak	-1.75	40.42	74.00	150	58	-33.58	
*	7204.500	40.94	peak	3.32	44.26	74.00	150	19	-29.74	



Radiated Emission Measurement

Operator: Sky

File :3

Data :#7

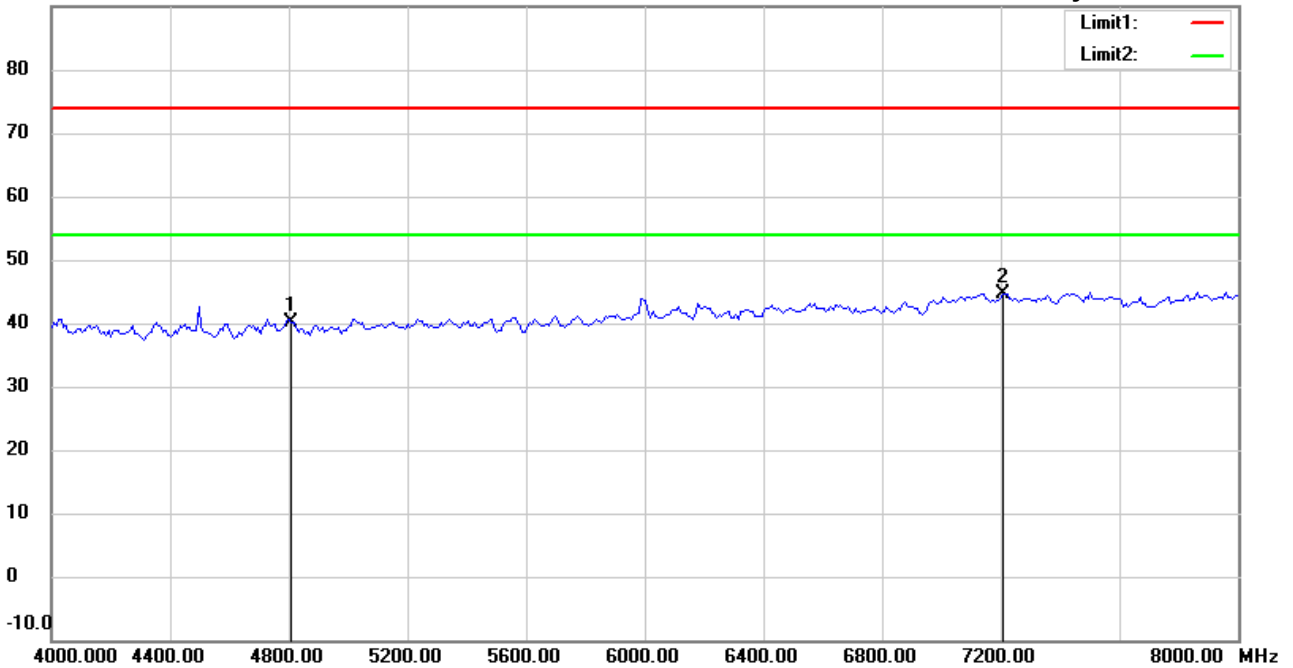
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:09:42 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
	4802.700	41.88	peak	-1.75	40.13	74.00	150	280	-33.87	
*	7204.050	41.43	peak	3.31	44.74	74.00	150	325	-29.26	



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

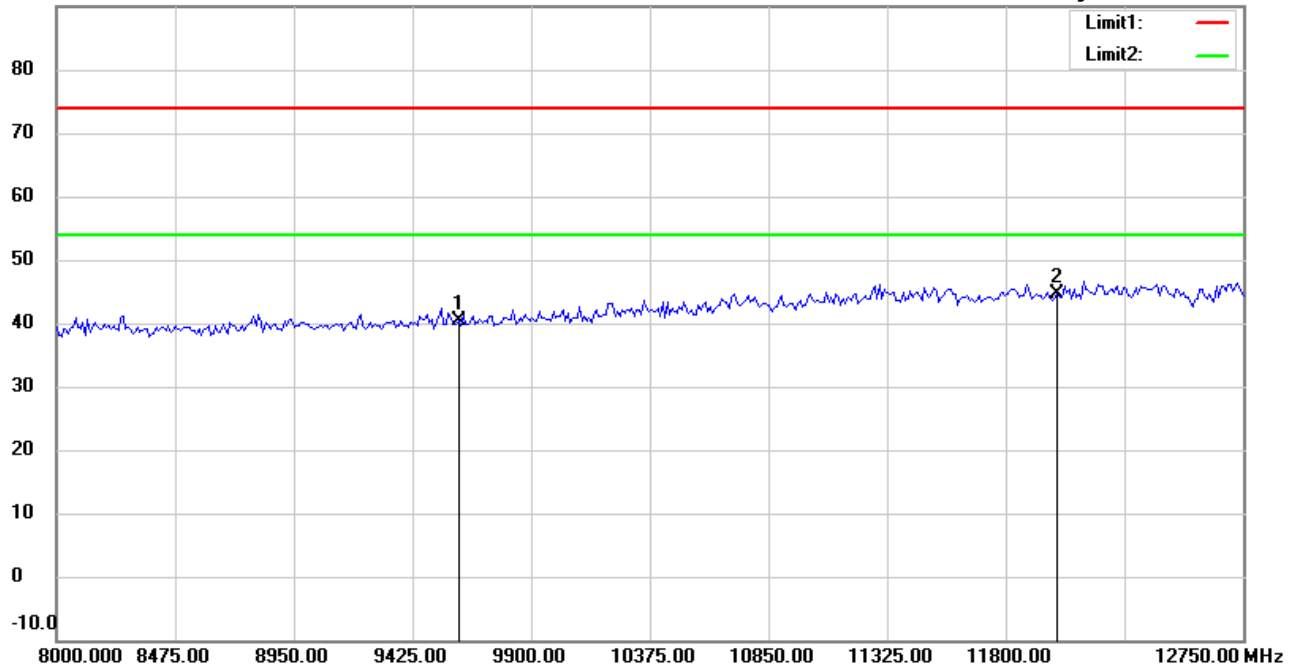
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:06:31 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
	9605.400	33.73	peak	6.70	40.43	74.00	150	14	-33.57	
*	12006.750	32.89	peak	11.65	44.54	74.00	150	32	-29.46	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

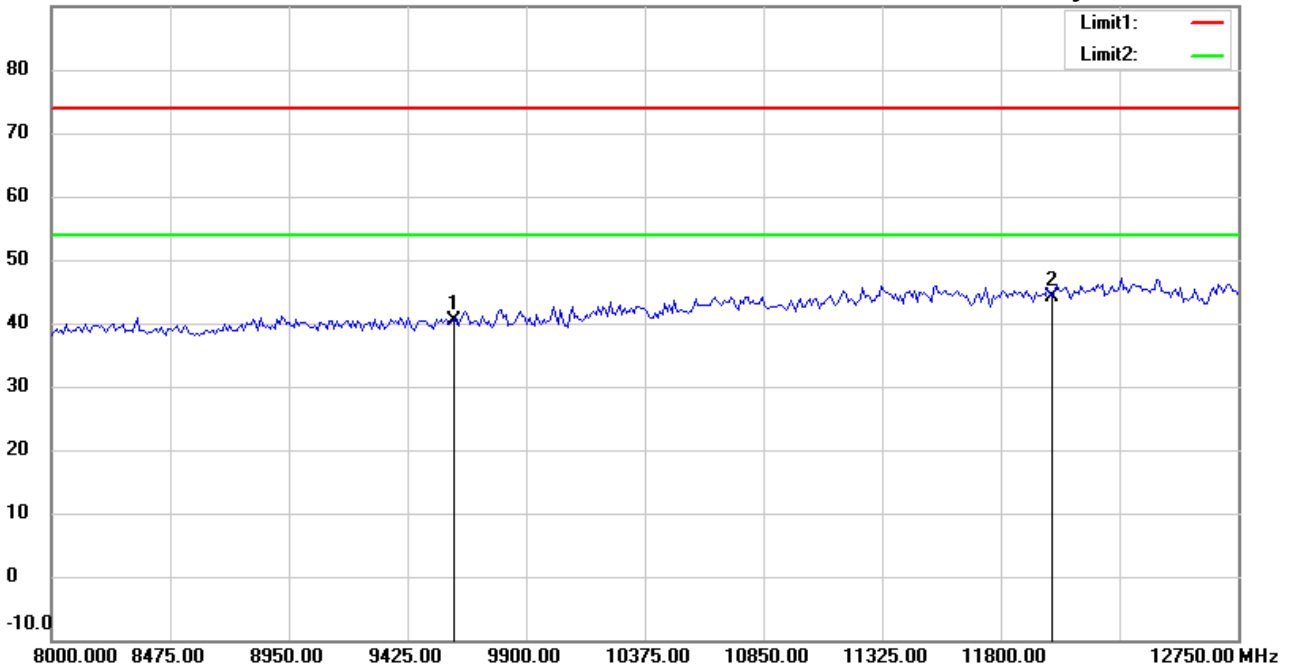
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:09:55 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
	9605.400	33.75	peak	6.70	40.45	74.00	150	130	-33.55	
*	12006.750	32.44	peak	11.65	44.09	74.00	150	290	-29.91	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#4

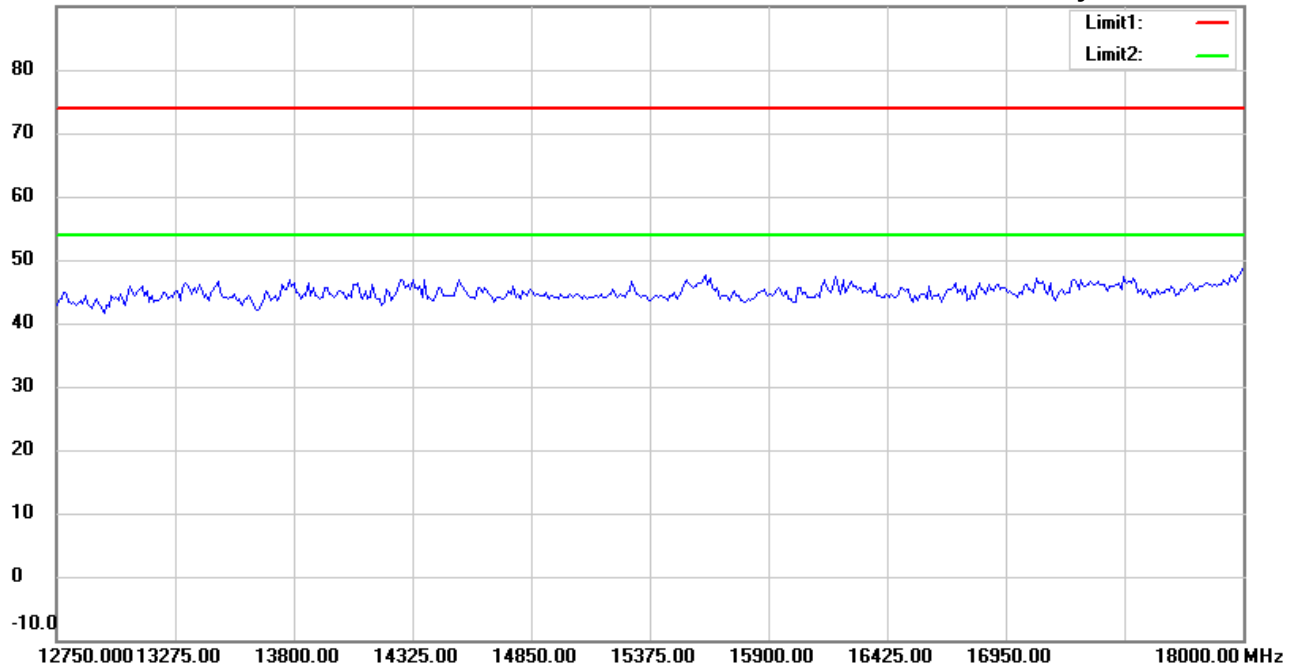
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:07:29 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#9

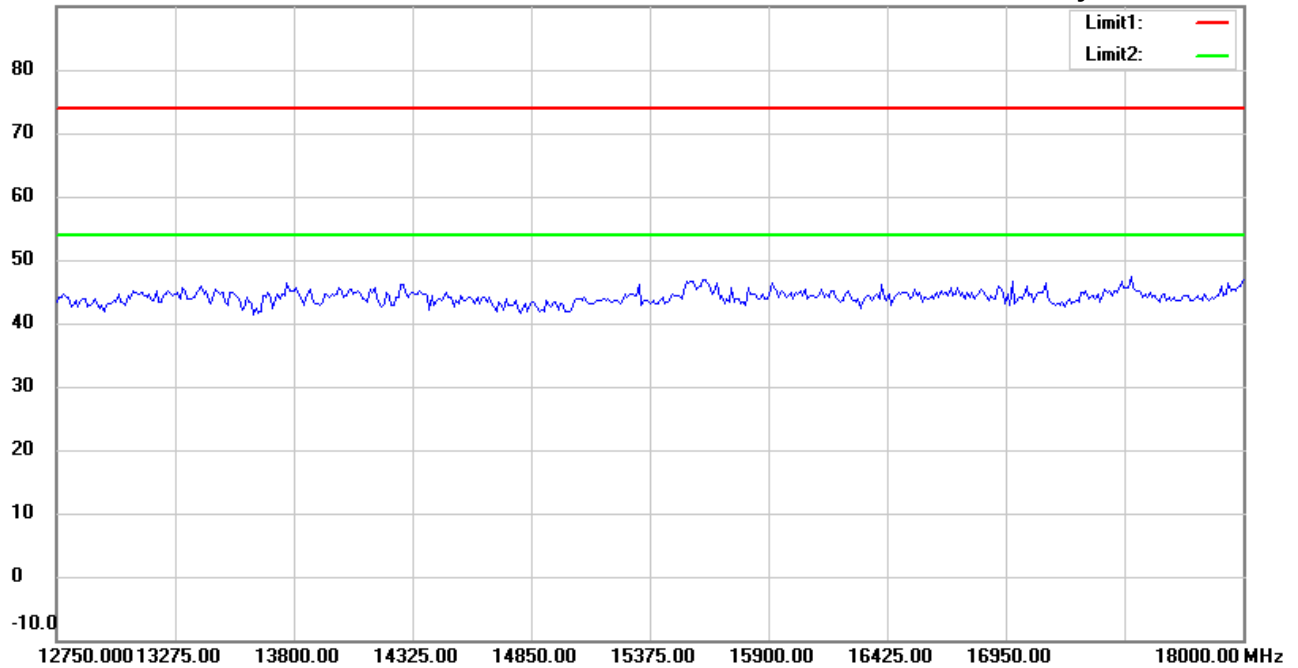
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:10:57 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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





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Radiated Emission Measurement

Operator: Sky

File :3

Data :#5

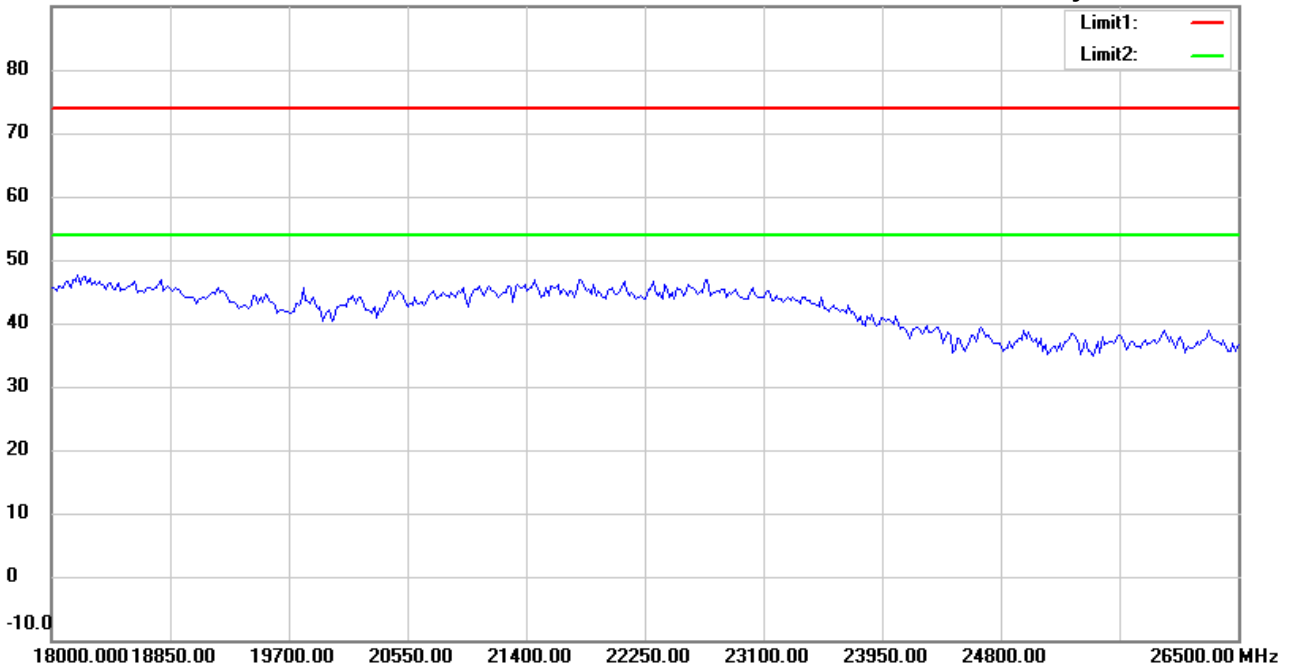
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:07:40 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#10

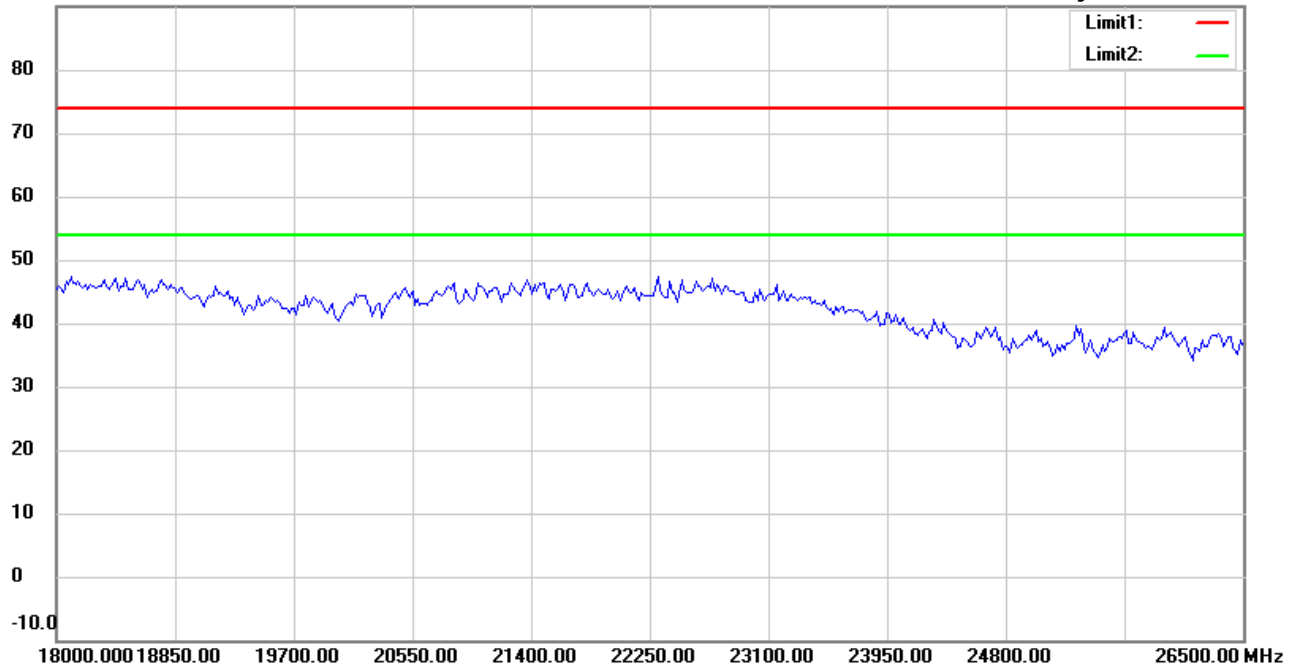
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:11:08 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#1

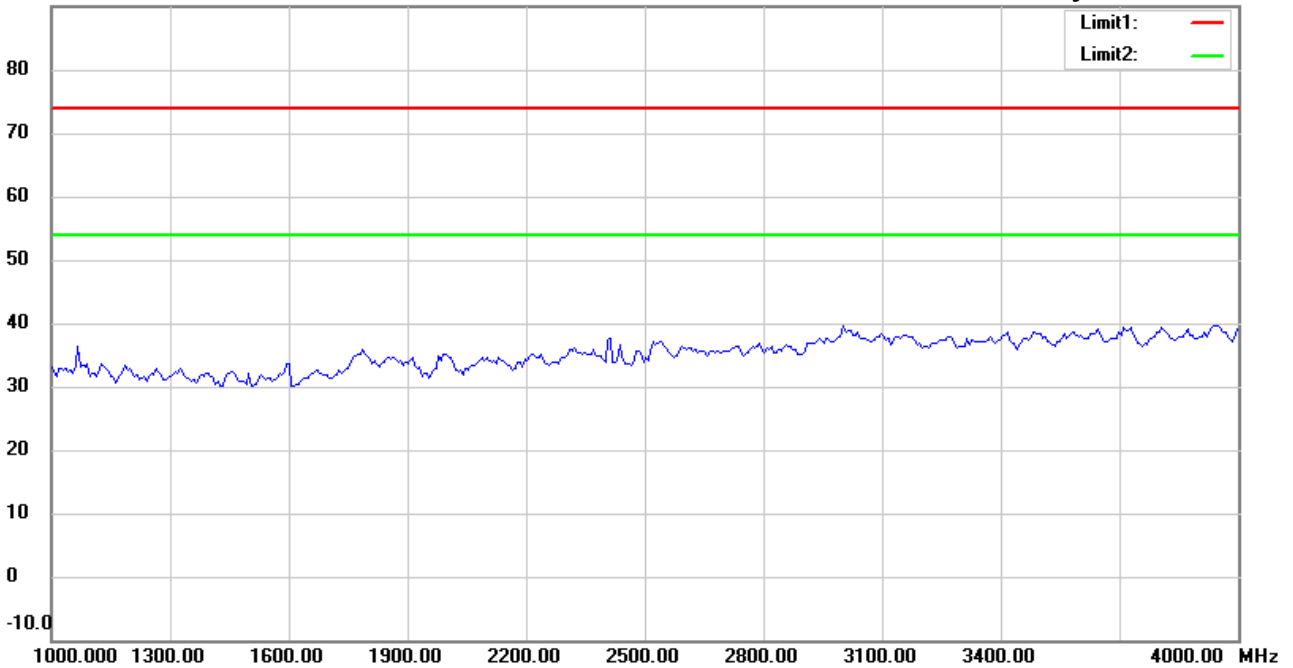
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:31:41 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#6

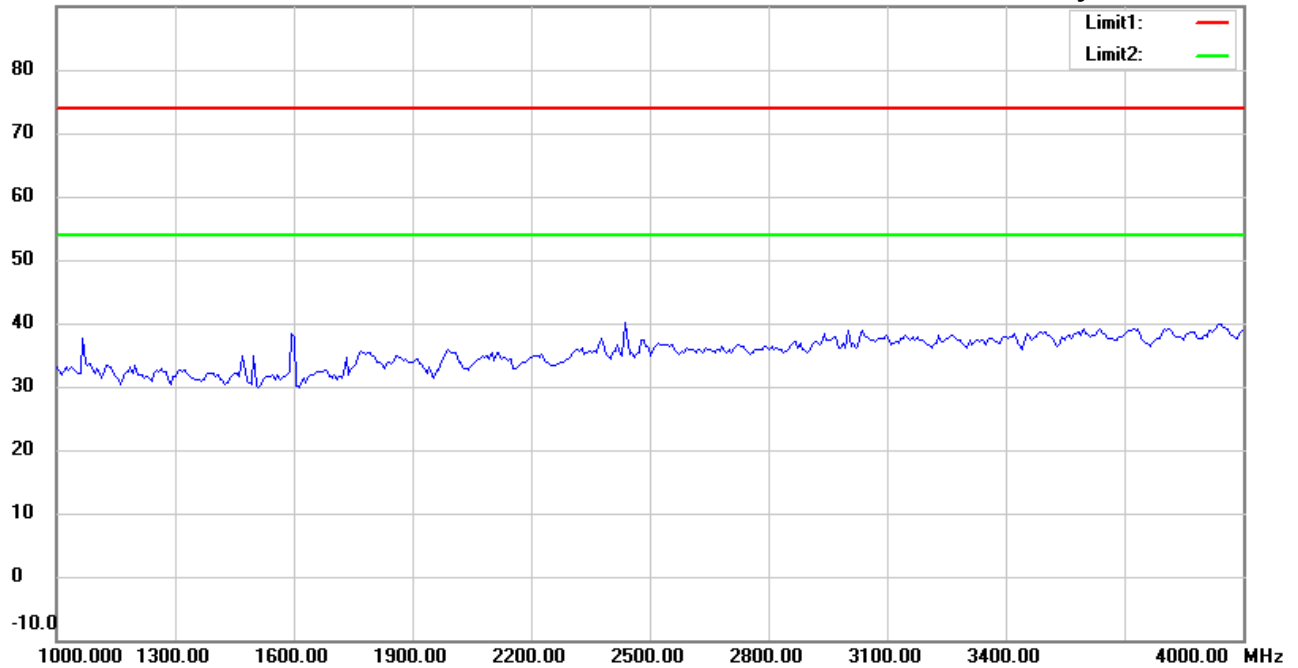
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:35:02 PM

Humidity:49.0 %



Site : Chamber

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

EUT : W6M22007-20095

M/N:

Test Mode : TX 2439.35MHz

Note :

Polarization: *Vertical*

Power : 5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (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

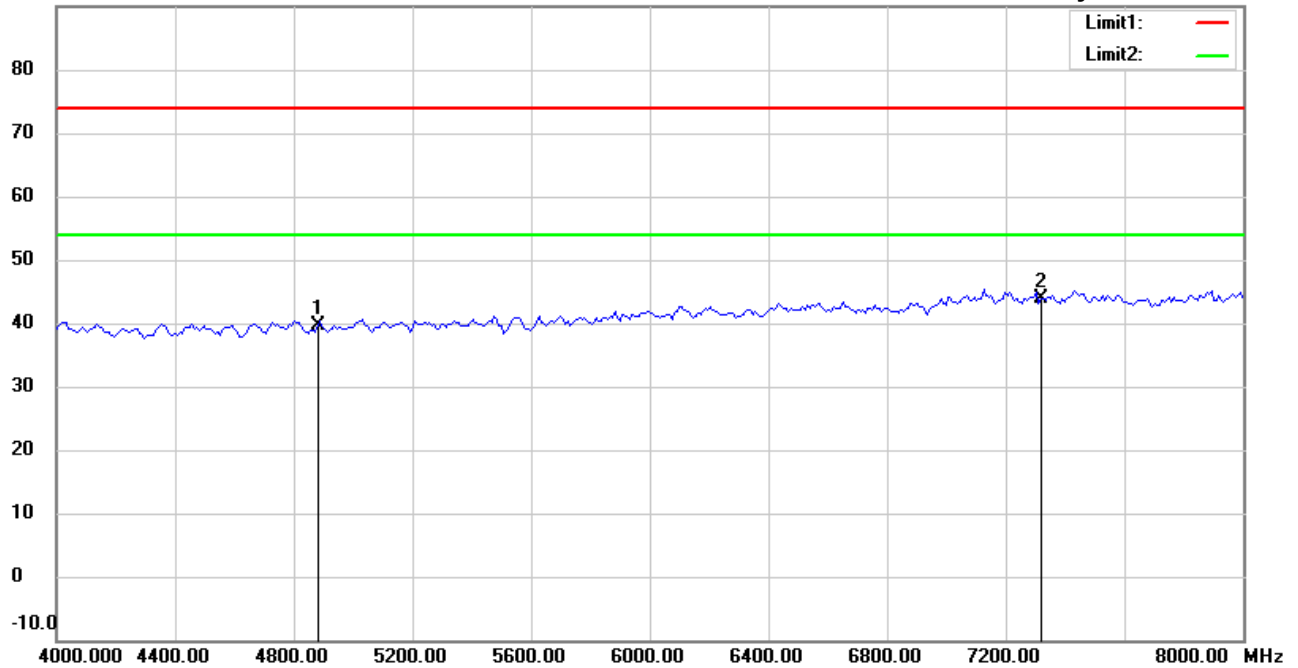
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:32:41 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
	4878.700	41.14	peak	-1.60	39.54	74.00	150	214	-34.46	
*	7318.050	40.32	peak	3.51	43.83	74.00	150	293	-30.17	

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



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**Radiated Emission Measurement**

Operator: Sky

File :3

Data :#7

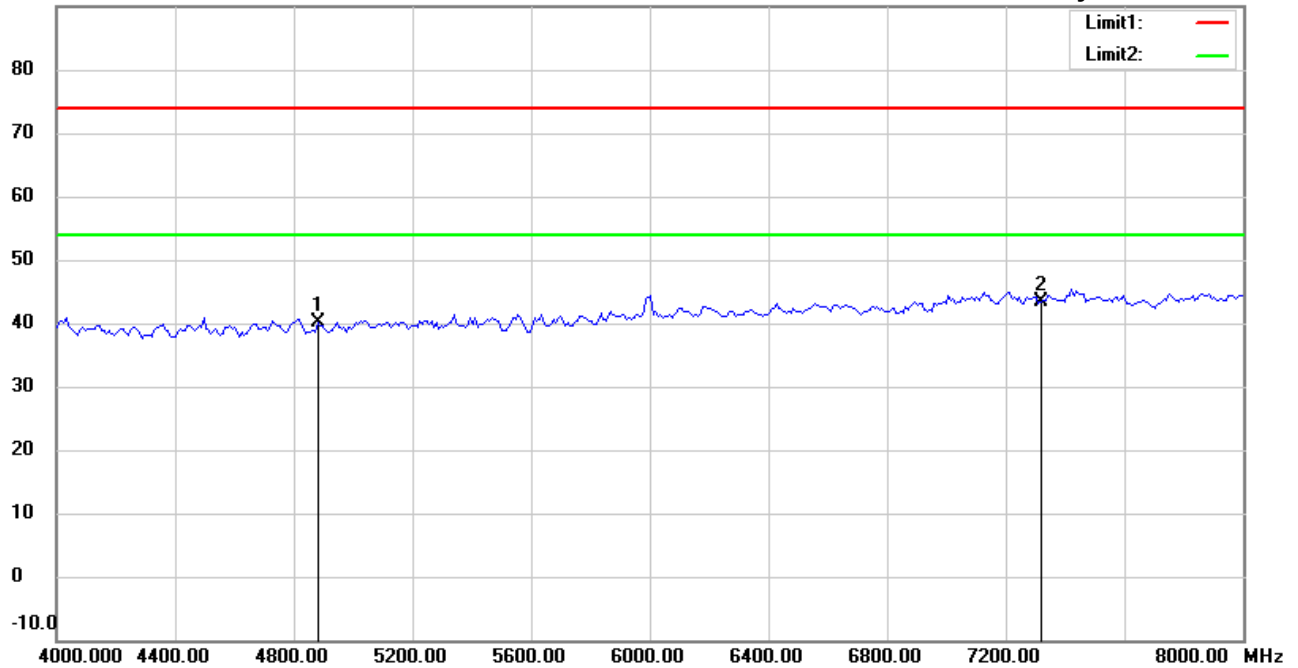
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:36:02 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: **Vertical**

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
	4878.700	41.66	peak	-1.60	40.06	74.00	150	24	-33.94	
*	7318.050	39.84	peak	3.51	43.35	74.00	150	330	-30.65	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

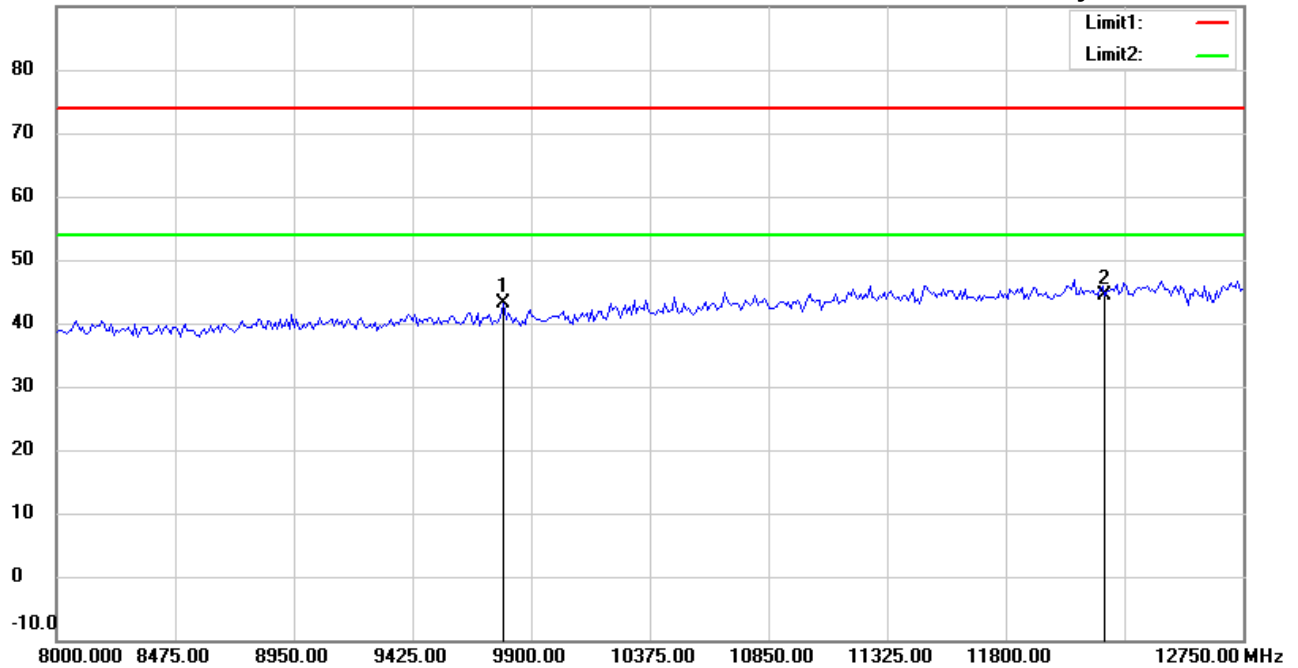
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:32:54 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
	9789.579	36.20	peak	6.88	43.08	74.00	150	338	-30.92	
*	12196.750	31.37	peak	13.01	44.38	74.00	150	160	-29.62	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

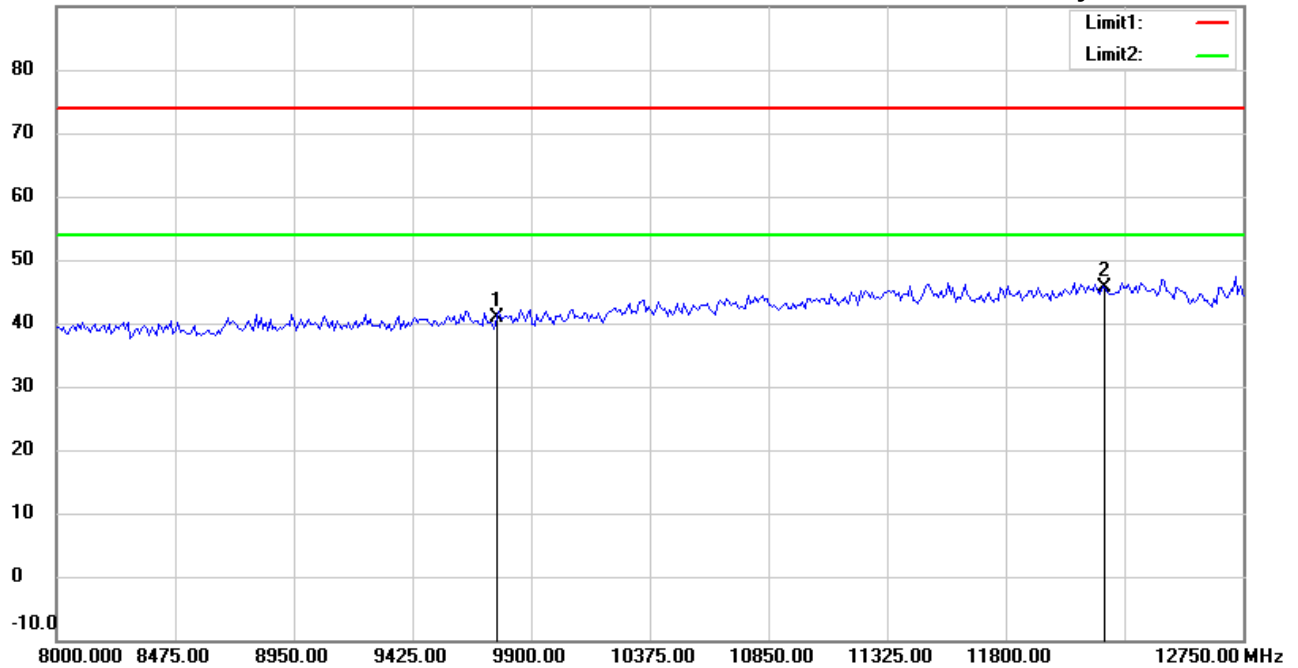
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:36:15 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
	9757.400	33.99	peak	6.84	40.83	74.00	150	251	-33.17	
*	12196.750	32.51	peak	13.01	45.52	74.00	150	247	-28.48	

\*: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 :#4

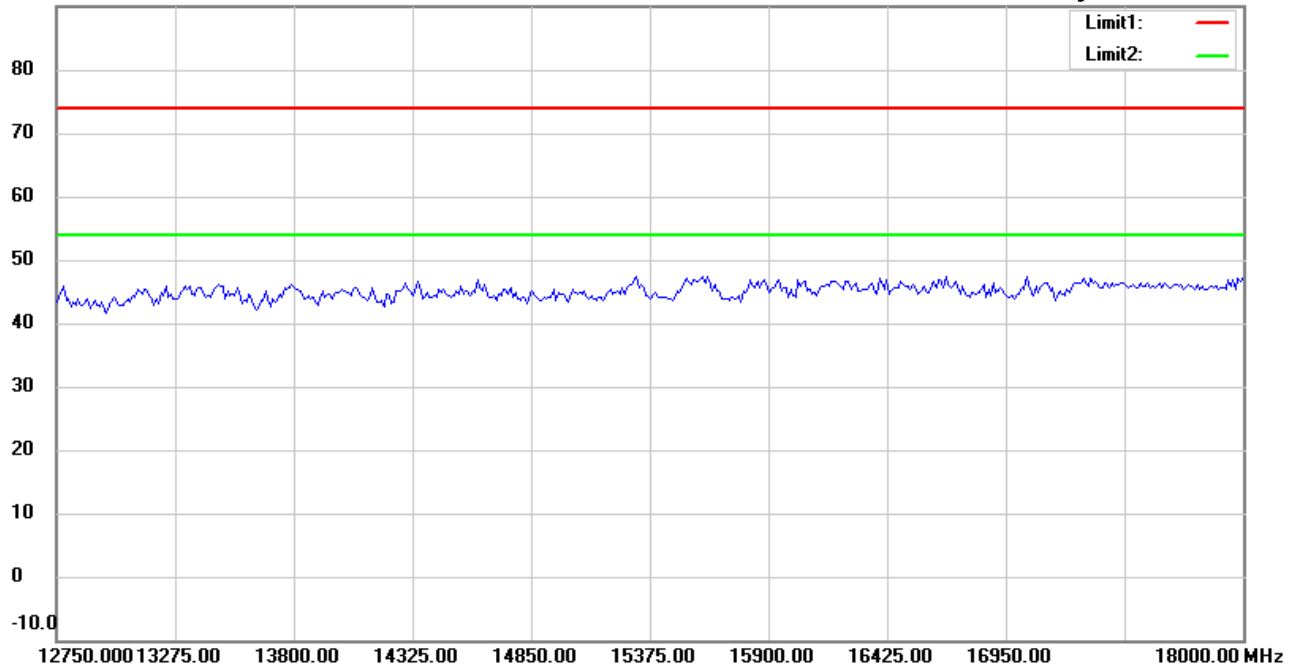
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:33:52 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
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\*: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 :#9

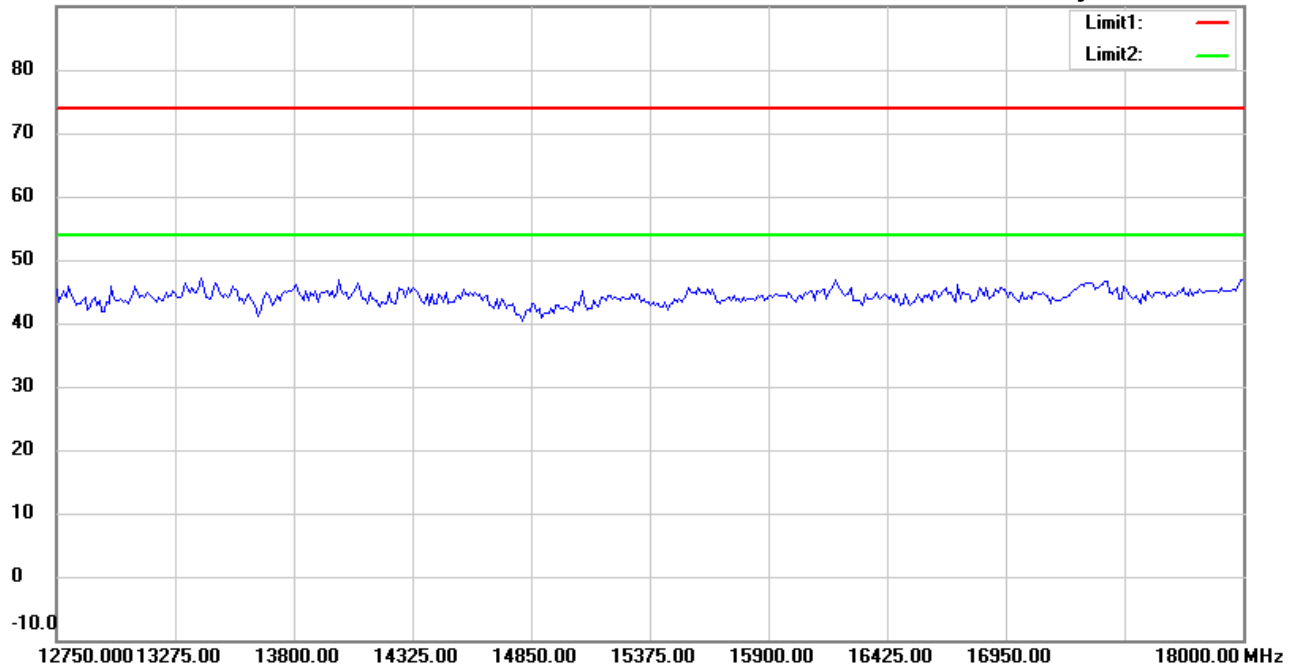
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:37:17 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
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\*: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 :#5

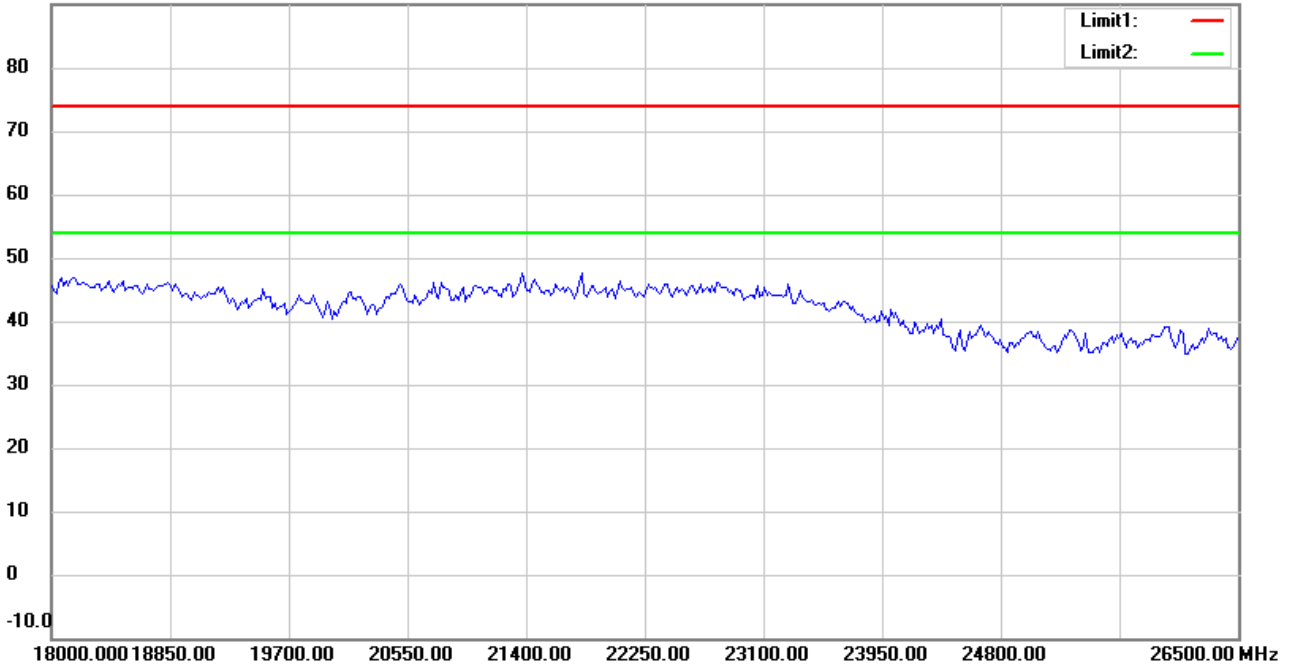
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:34:01 PM

Humidity:49.0 %



Site : Chamber

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

EUT : W6M22007-20095

M/N:

Test Mode : TX 2439.35MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (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 :#10

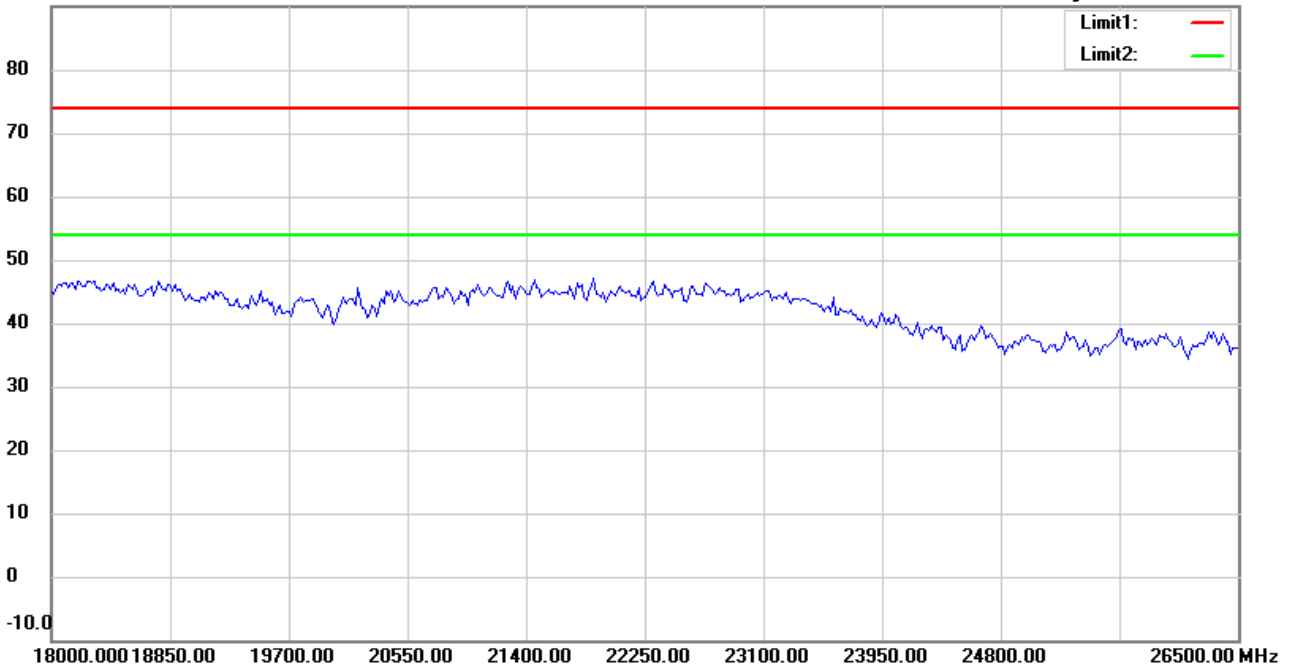
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:37:26 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
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\*: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 :#1

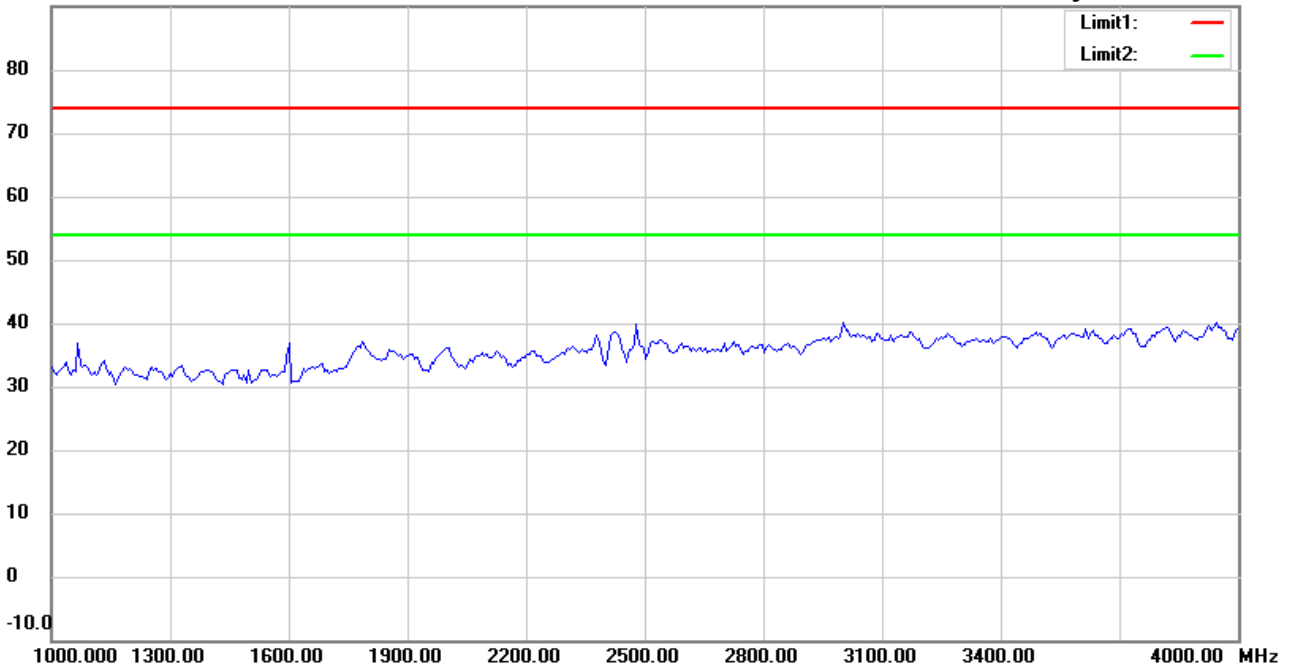
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:44:57 PM

Humidity:49.0 %



Site : Chamber

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

EUT : W6M22007-20095

M/N:

Test Mode : TX 2479.35MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (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 :#6

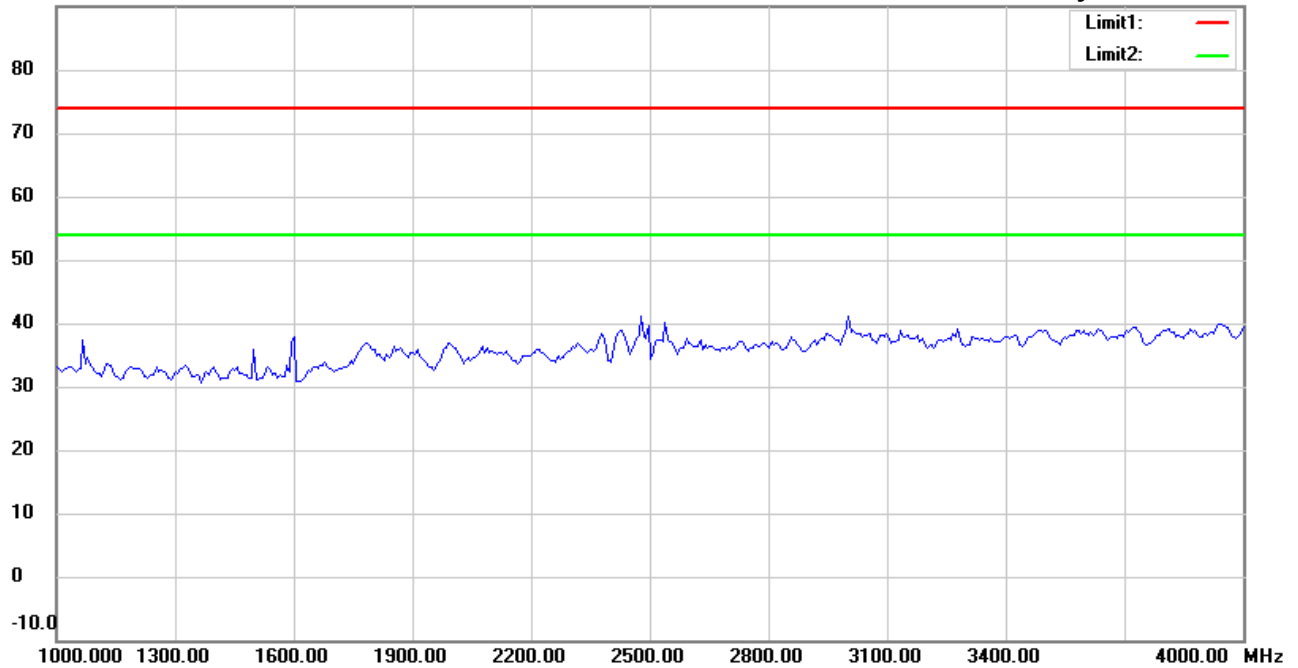
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:48:18 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#2

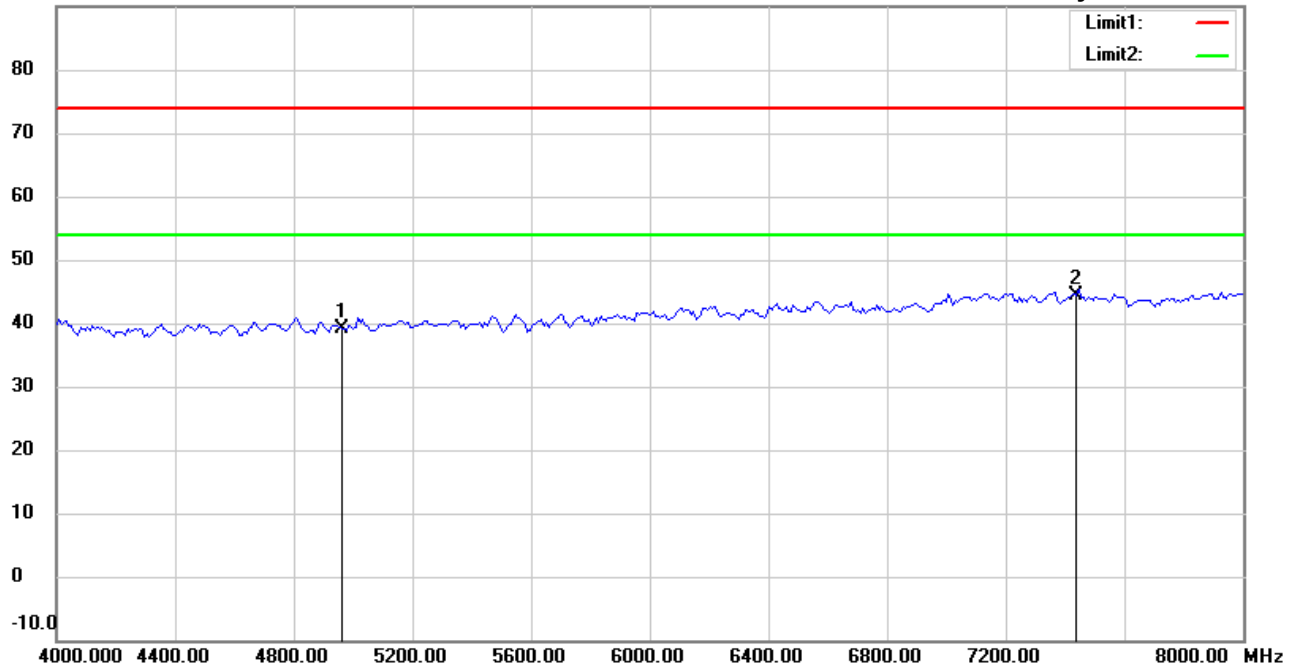
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:45:57 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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
	4958.700	40.54	peak	-1.36	39.18	74.00	150	229	-34.82	
*	7438.050	40.52	peak	3.76	44.28	74.00	150	110	-29.72	

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



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**Radiated Emission Measurement**

Operator: Sky

File :3

Data :#7

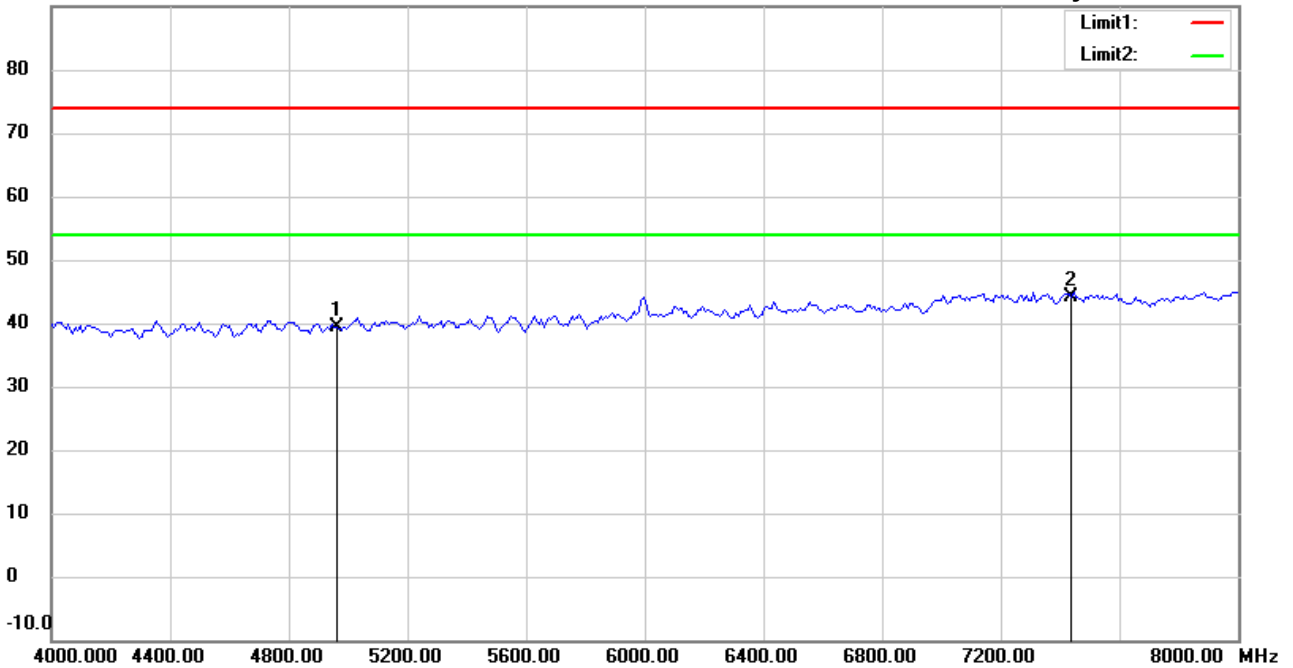
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:49:18 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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
	4958.700	40.66	peak	-1.36	39.30	74.00	150	40	-34.70	
*	7438.050	40.42	peak	3.76	44.18	74.00	150	18	-29.82	

\*: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 :#3

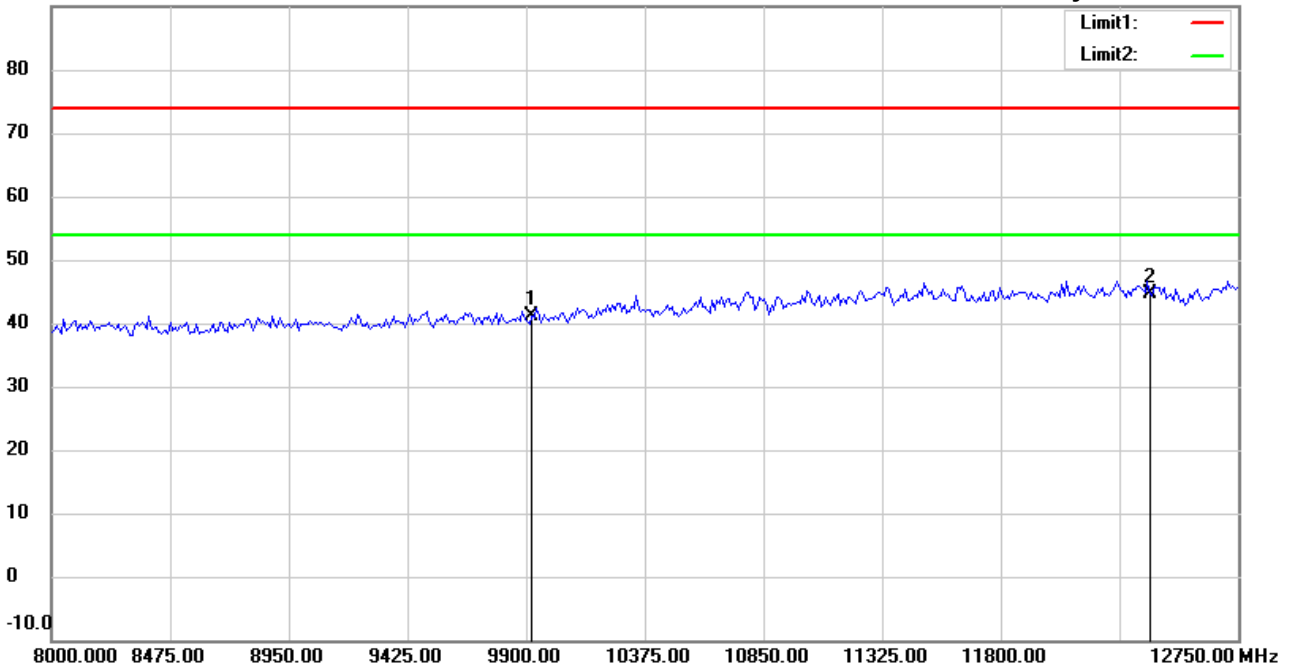
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:46:10 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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
	9917.400	33.98	peak	7.22	41.20	74.00	150	240	-32.80	
*	12396.750	31.83	peak	12.79	44.62	74.00	150	100	-29.38	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

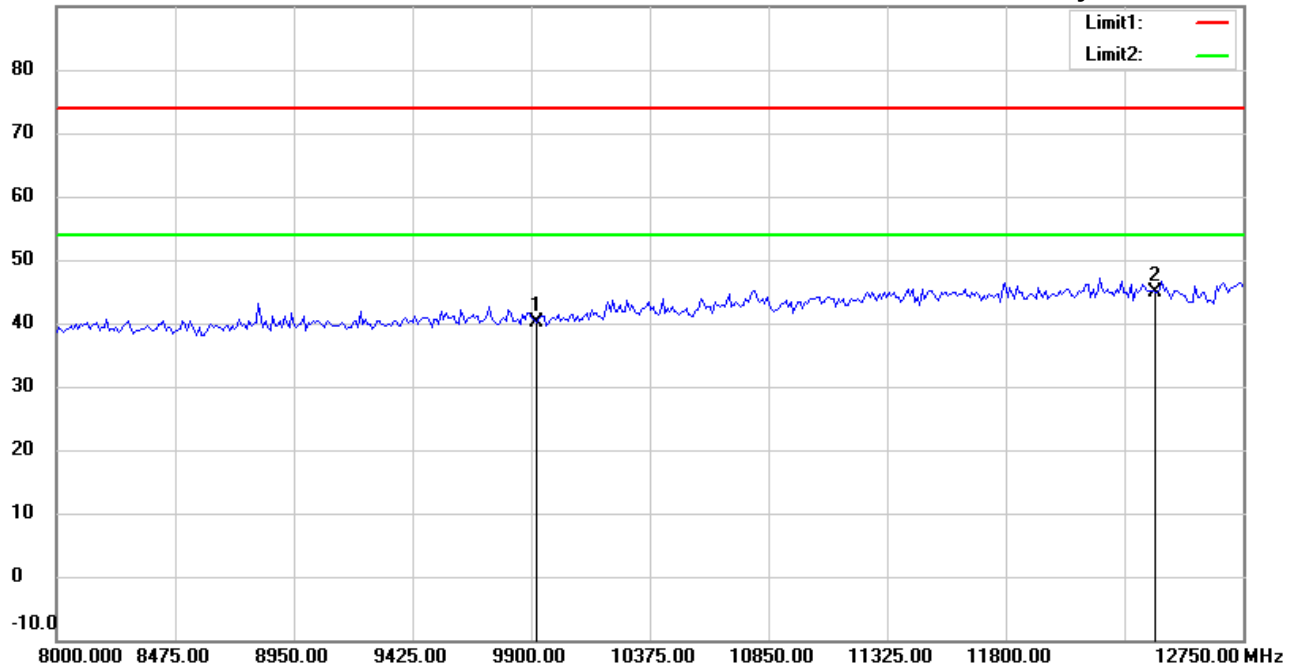
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:49:31 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: **Vertical**

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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
	9917.400	32.88	peak	7.22	40.10	74.00	150	225	-33.90	
*	12396.750	32.14	peak	12.79	44.93	74.00	150	243	-29.07	

\*: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 :#4

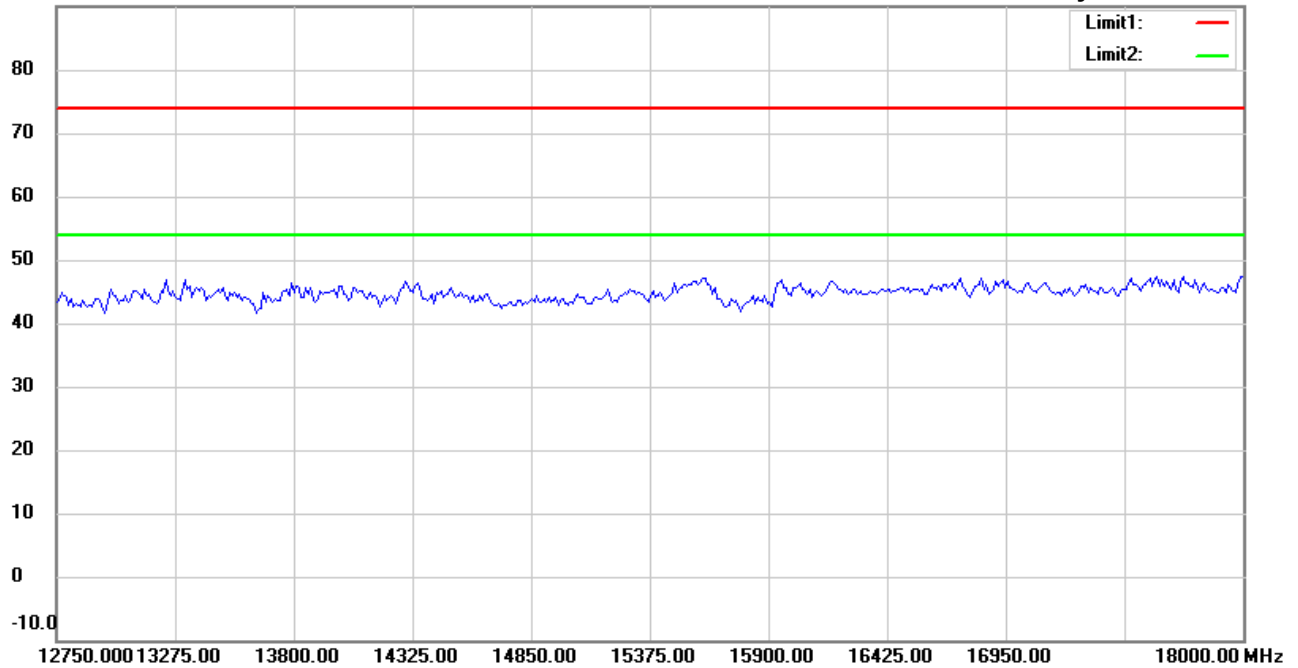
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:47:08 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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
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\*: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 :#9

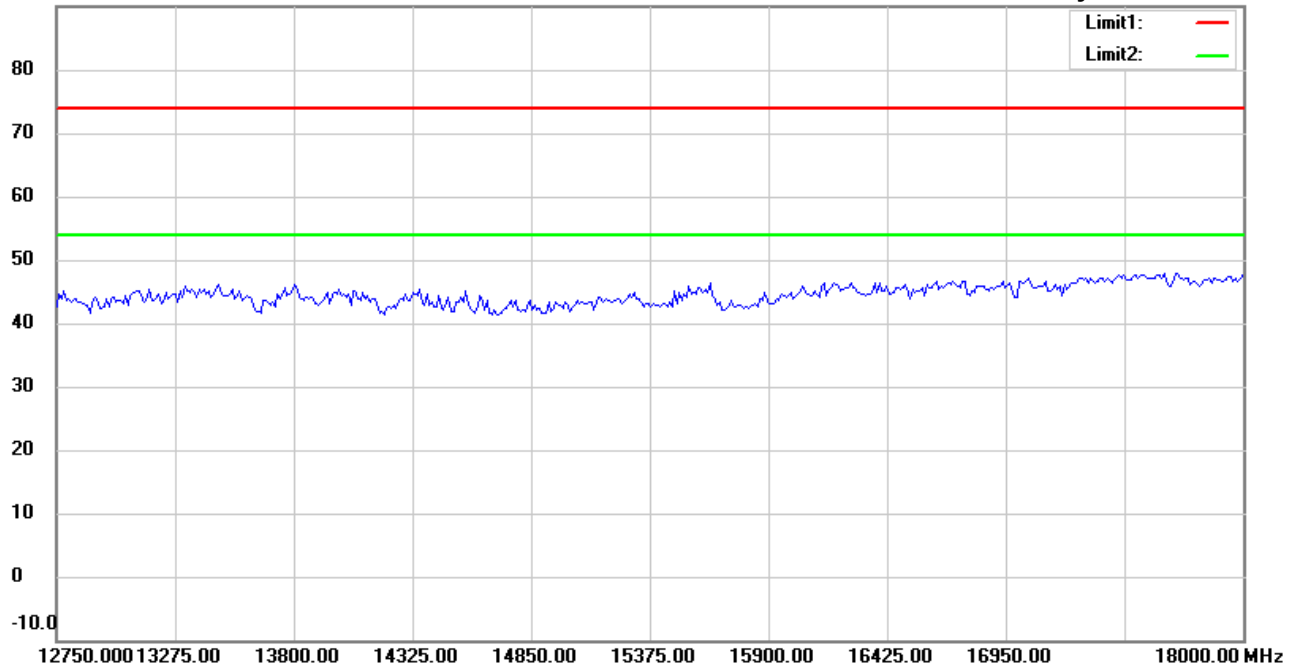
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:50:33 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#5

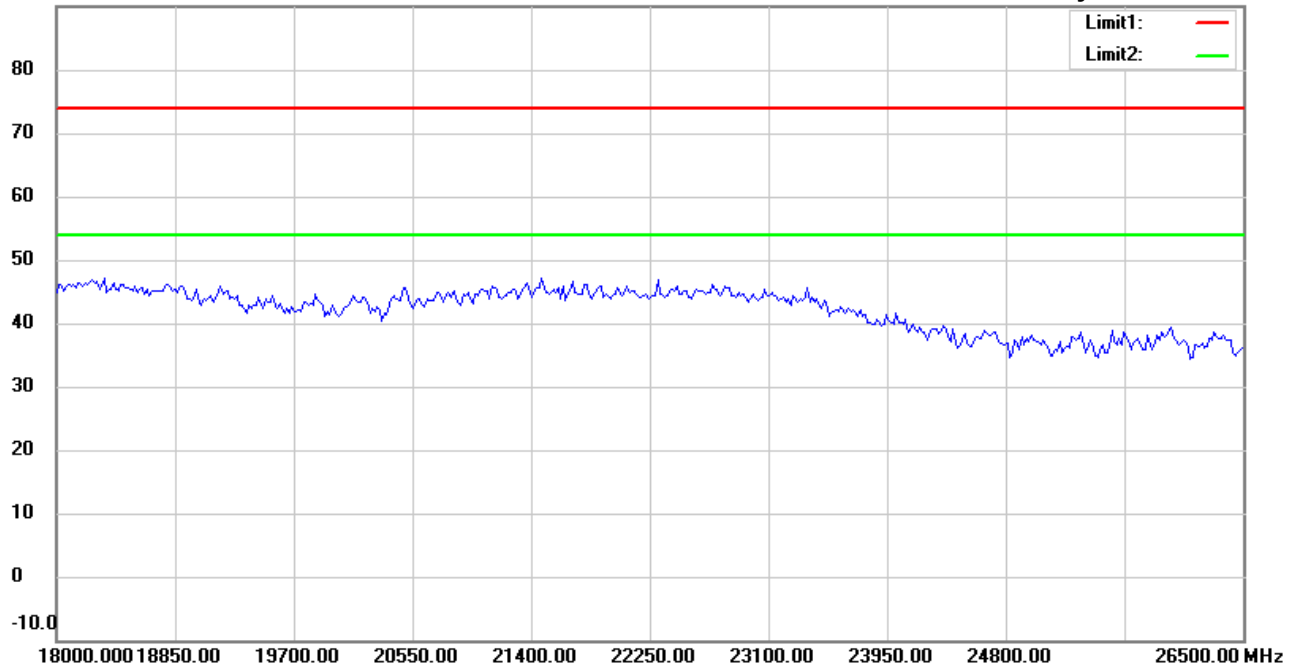
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:47:17 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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
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\*: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 :#10

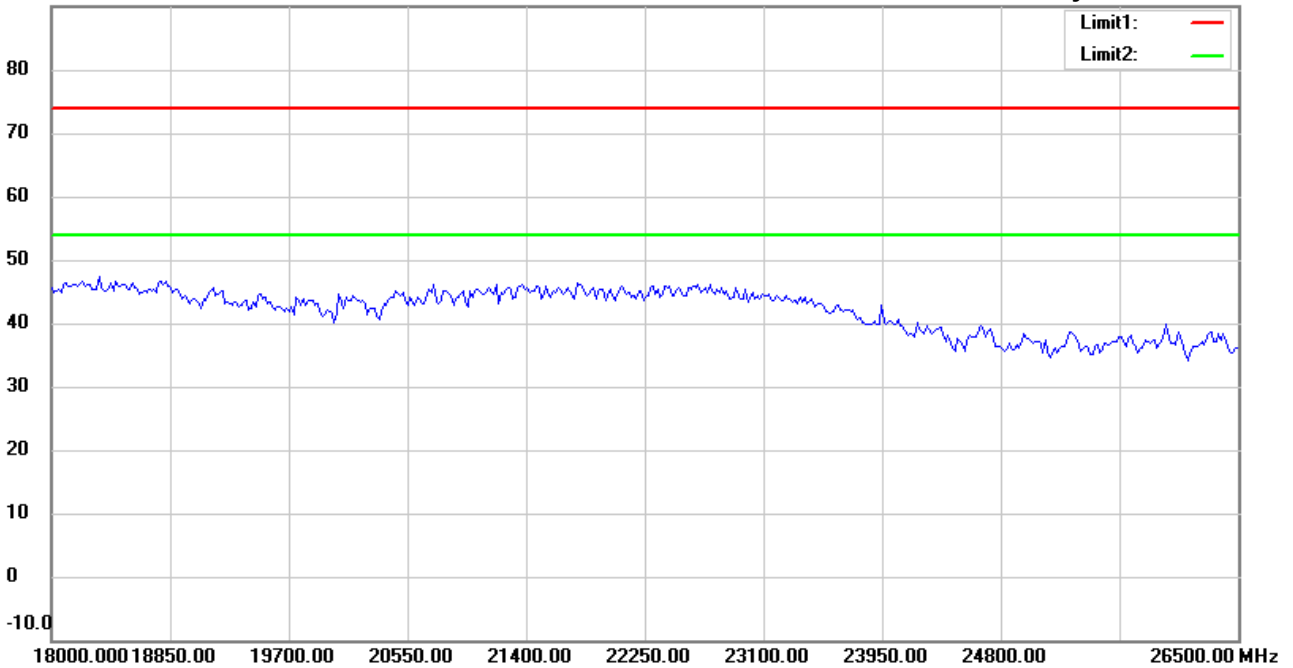
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 8:50:43 PM

Humidity:49.0 %



Site : Chamber

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

EUT : W6M22007-20095

M/N:

Test Mode : TX 2479.35MHz

Note :

Polarization: *Vertical*

Power : 5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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\*:Maximum data    x:Over limit    !:over margin



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Radiated Emission Measurement

Operator: Sky

File :1\_ANT 1\_TX 2403

Data :#1

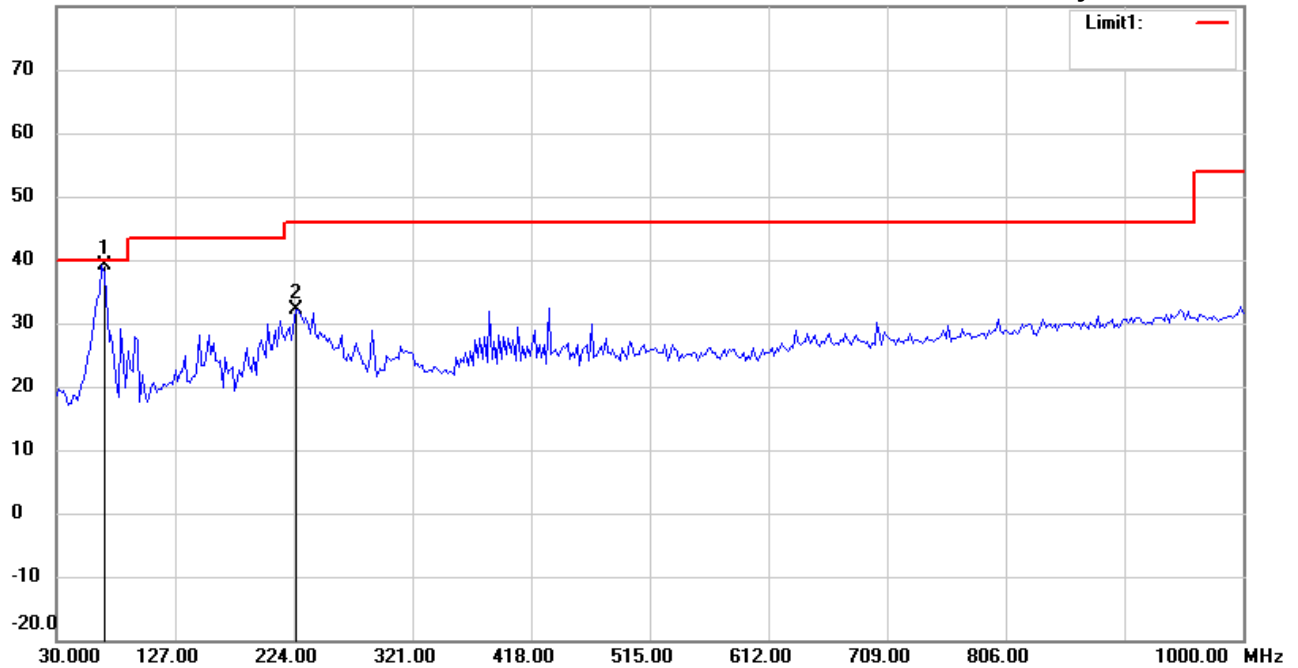
Date: 8/28/2020

Temperature:28.3 °C

80.0 dBuV/m

Time: 12:25:59 AM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
*	66.9340	52.29	QP	-13.27	39.02	40.00	100	14	-0.98	
	226.3326	41.46	peak	-9.38	32.08	46.00	100	33	-13.92	



Radiated Emission Measurement

Operator: Sky

File :1\_ANT 1\_TX 2403

Data :#2

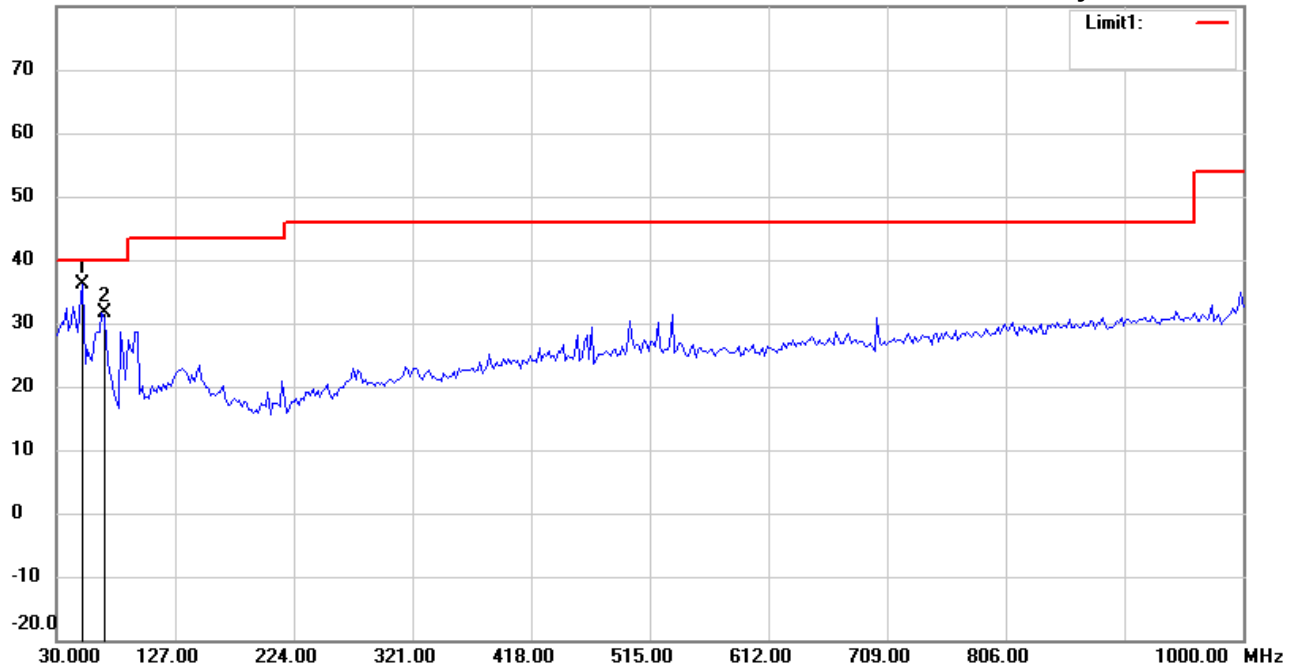
Date: 8/28/2020

Temperature:28.3 °C

80.0 dBuV/m

Time: 12:27:19 AM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
*	51.3828	46.62	peak	-10.42	36.20	40.00	100	25	-3.80	
	66.9340	45.01	peak	-13.27	31.74	40.00	100	315	-8.26	





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Radiated Emission Measurement

Operator: Sky

File :3

Data :#1

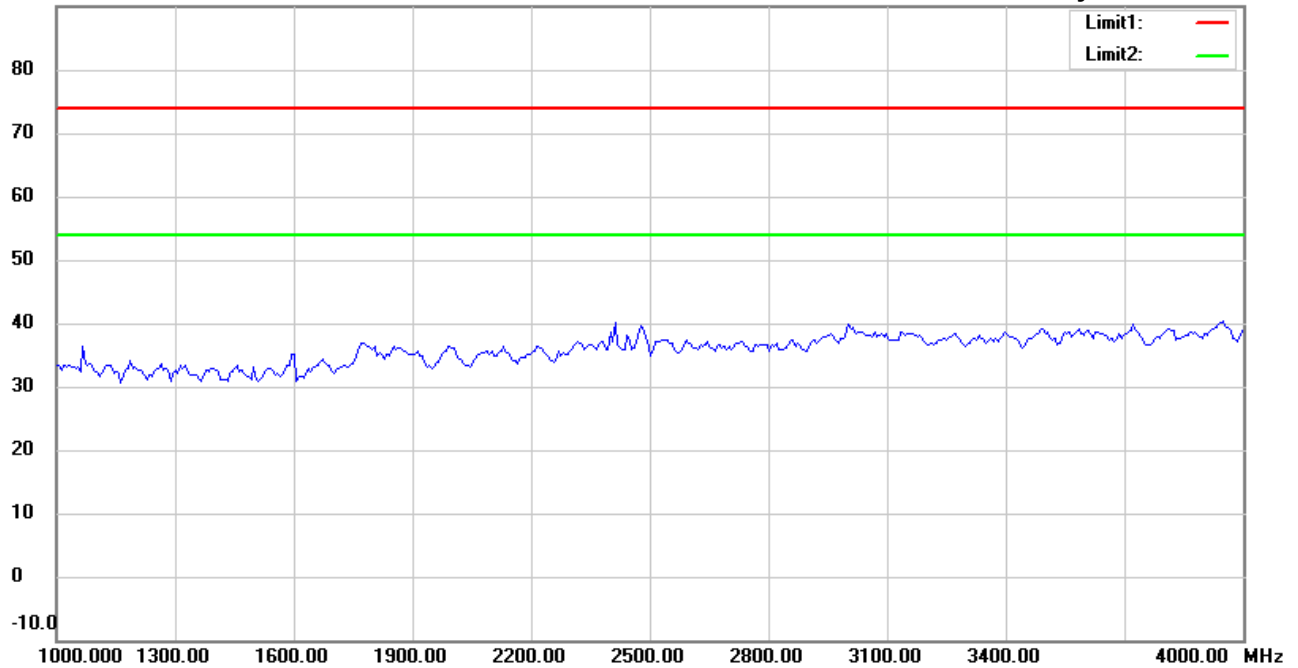
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:08:10 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#6

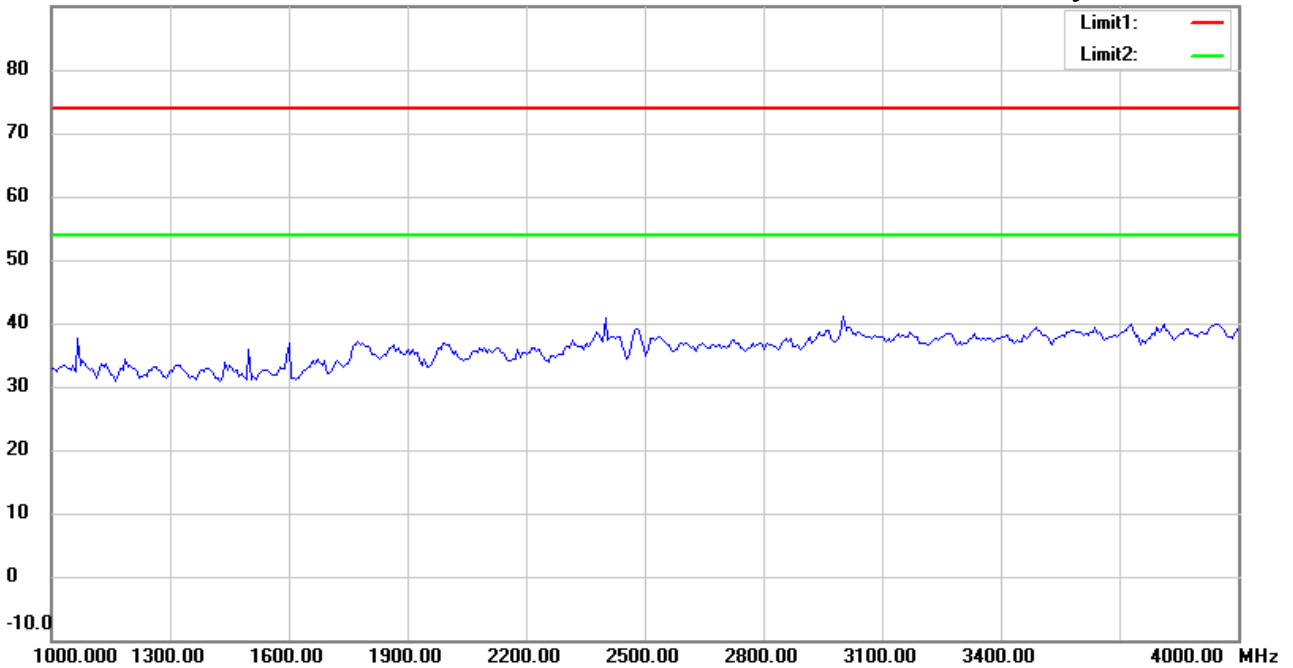
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:11:31 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#2

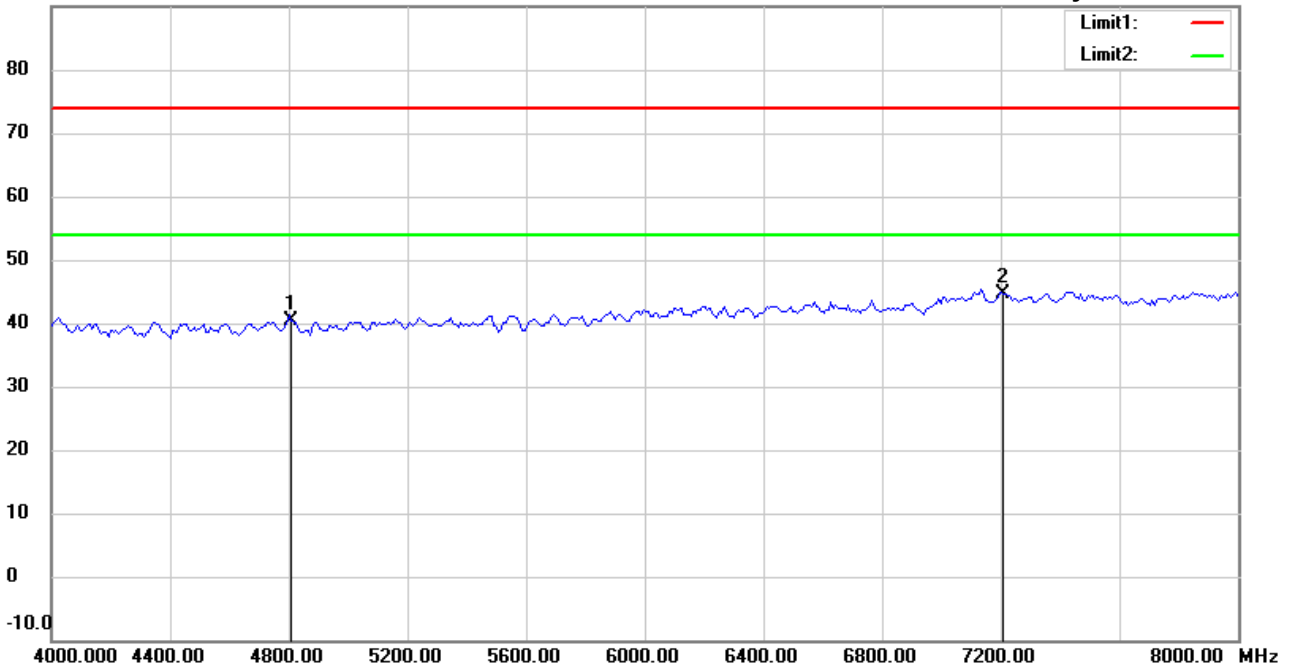
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:09:10 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
	4802.700	42.08	peak	-1.75	40.33	74.00	150	85	-33.67	
*	7204.050	41.35	peak	3.31	44.66	74.00	150	274	-29.34	

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



Radiated Emission Measurement

Operator: Sky

File :3

Data :#7

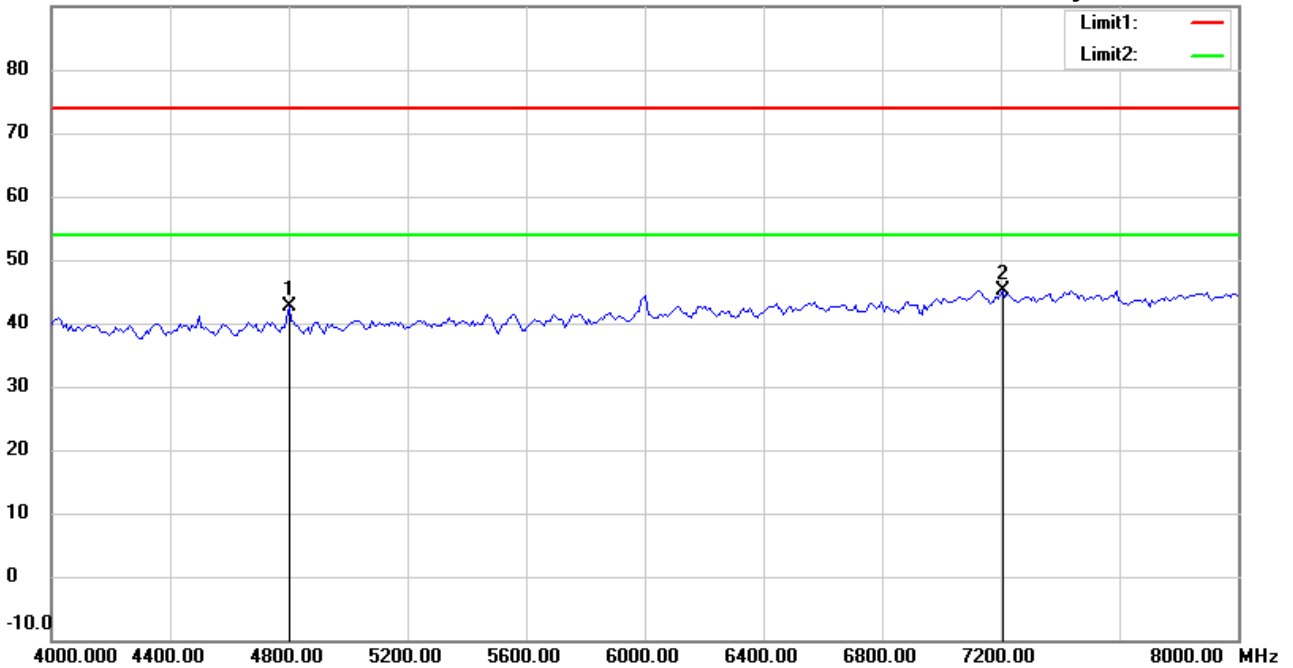
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:12:31 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
	4801.603	44.32	peak	-1.76	42.56	74.00	150	284	-31.44	
*	7204.050	41.76	peak	3.31	45.07	74.00	150	197	-28.93	



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

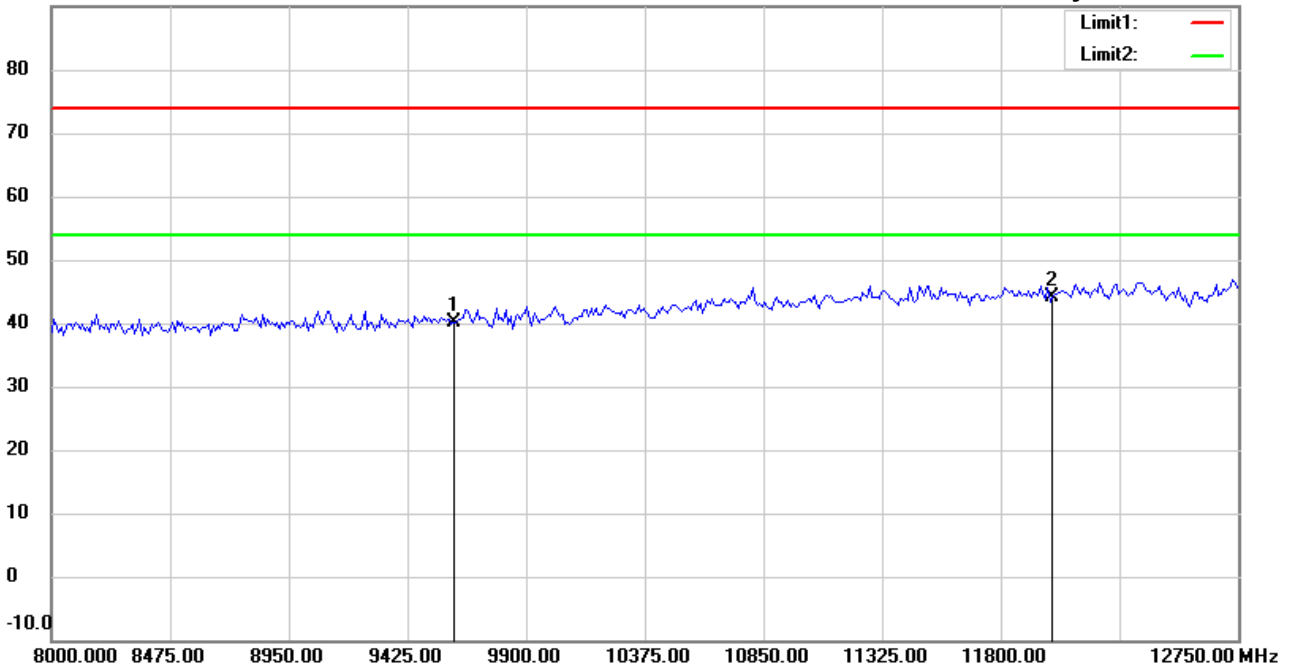
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:09:23 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
	9605.400	33.48	peak	6.70	40.18	74.00	150	93	-33.82	
*	12006.750	32.59	peak	11.65	44.24	74.00	150	255	-29.76	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

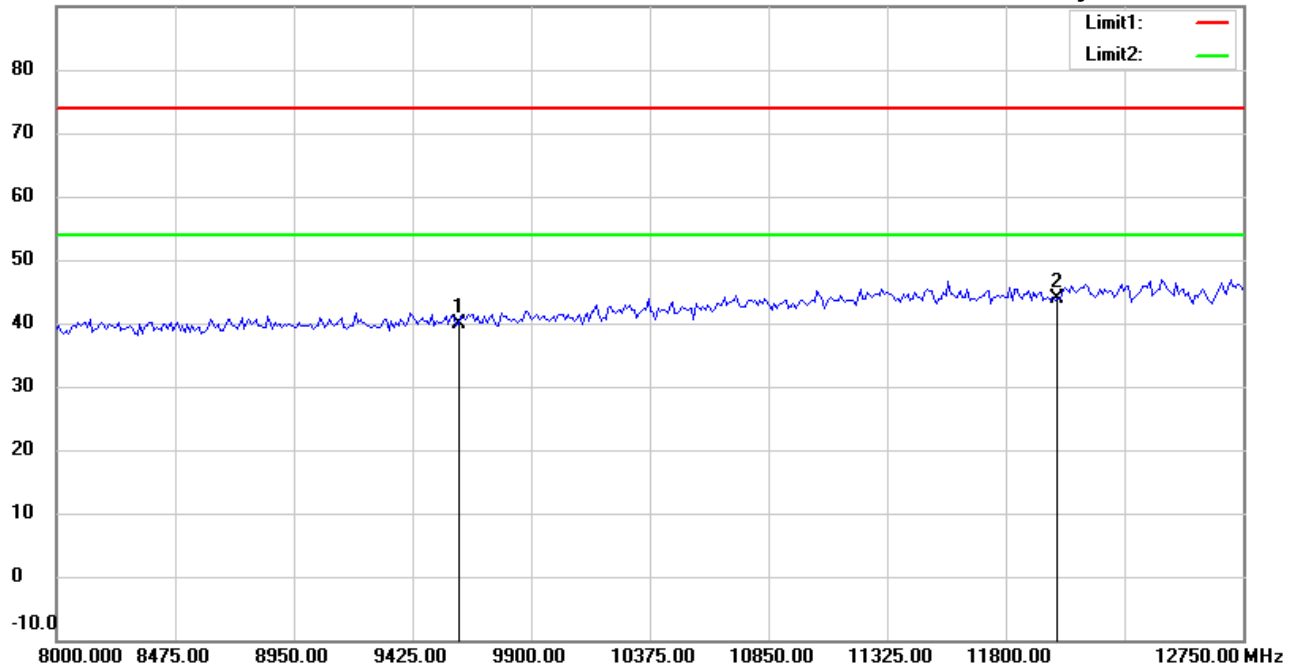
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:12:44 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: **Vertical**

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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
	9605.400	33.16	peak	6.70	39.86	74.00	150	172	-34.14	
*	12006.750	32.13	peak	11.65	43.78	74.00	150	14	-30.22	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#4

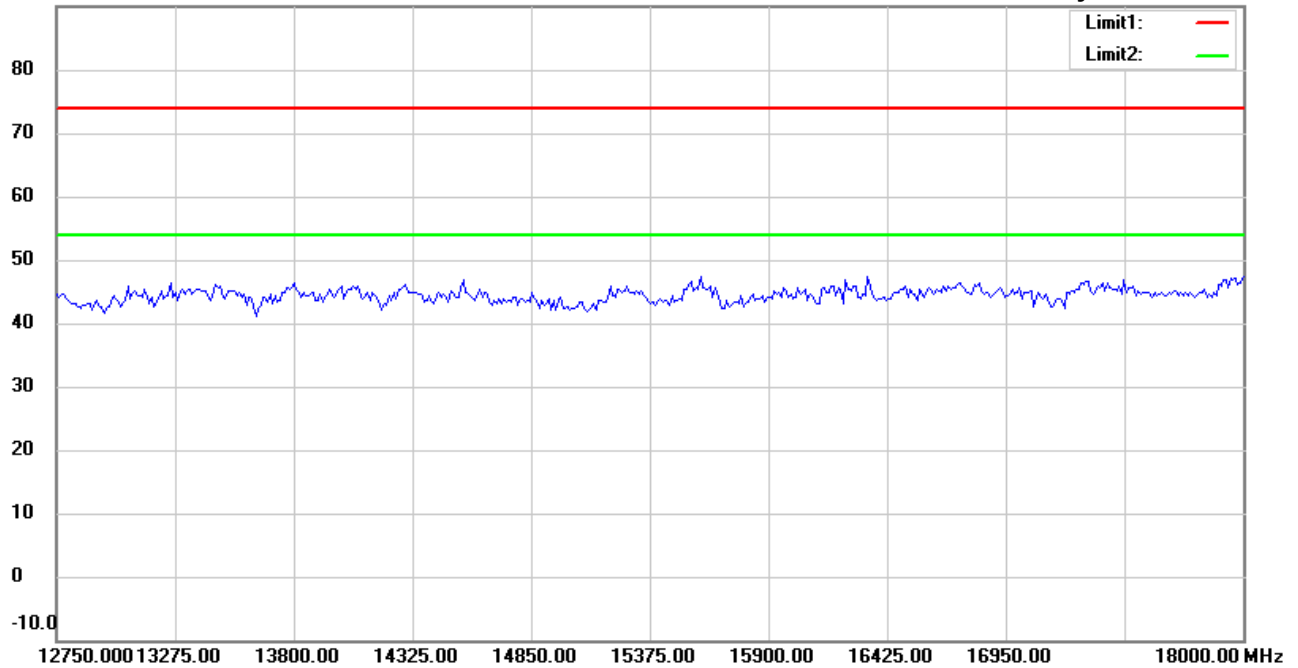
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:10:21 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#9

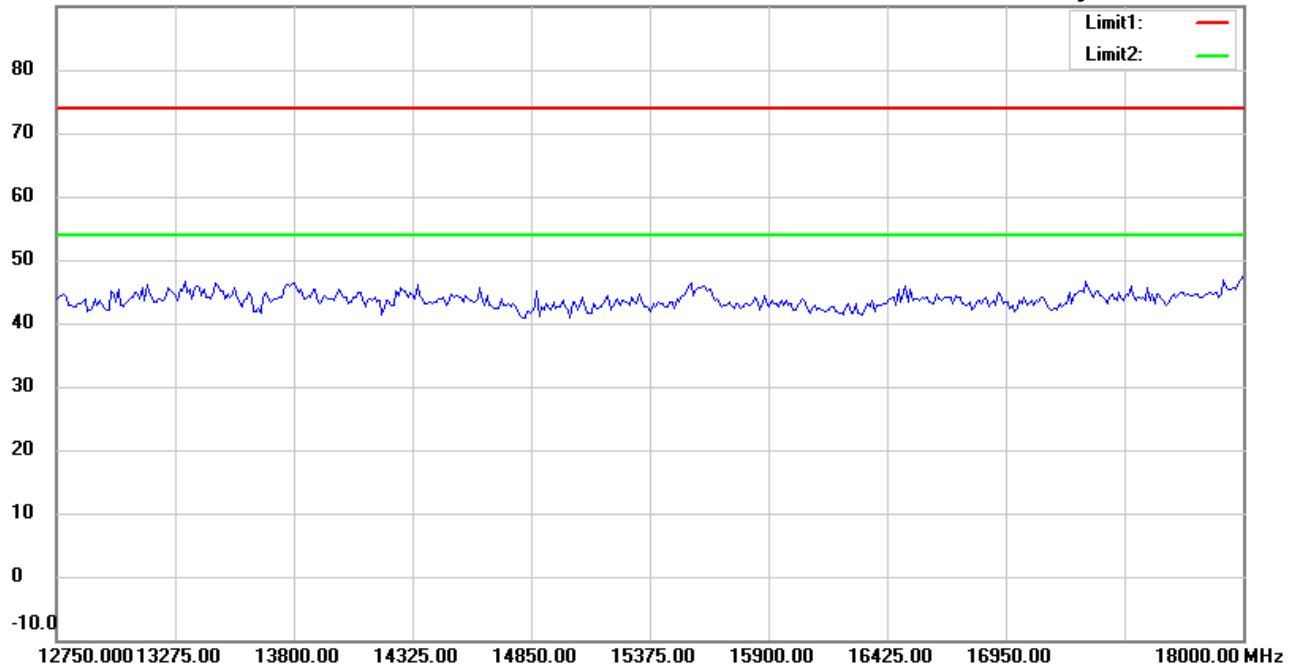
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:13:46 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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





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Radiated Emission Measurement

Operator: Sky

File :3

Data :#5

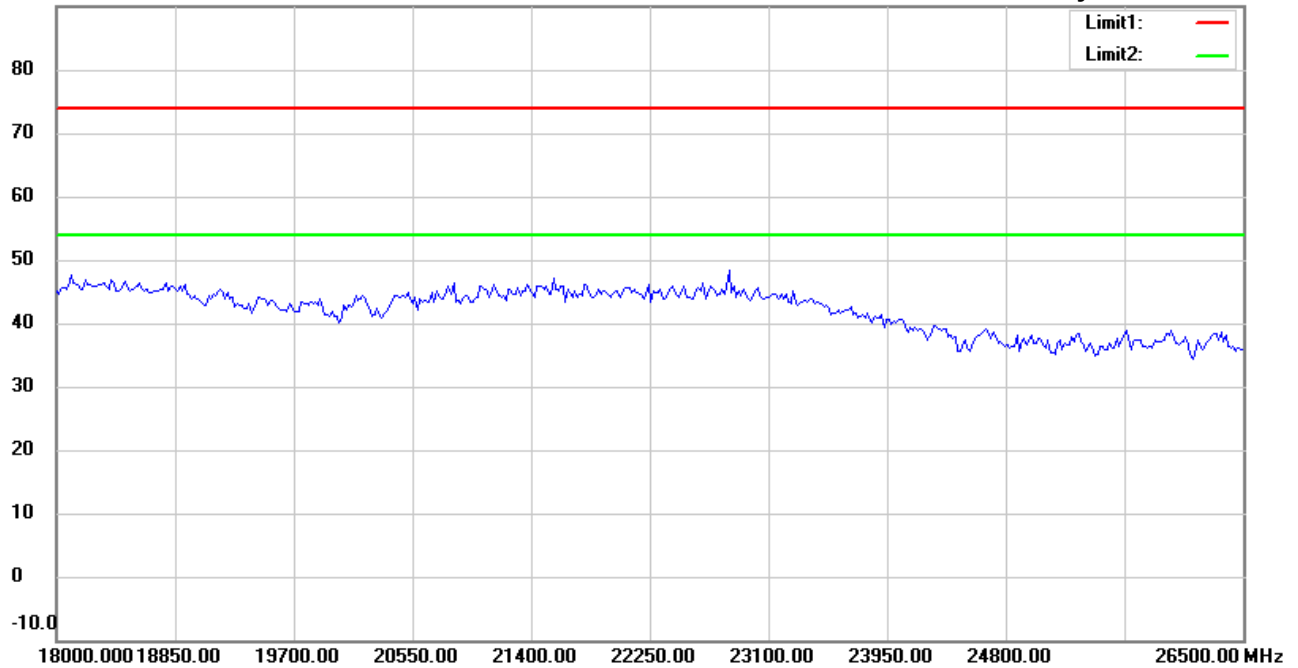
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:10:30 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#10

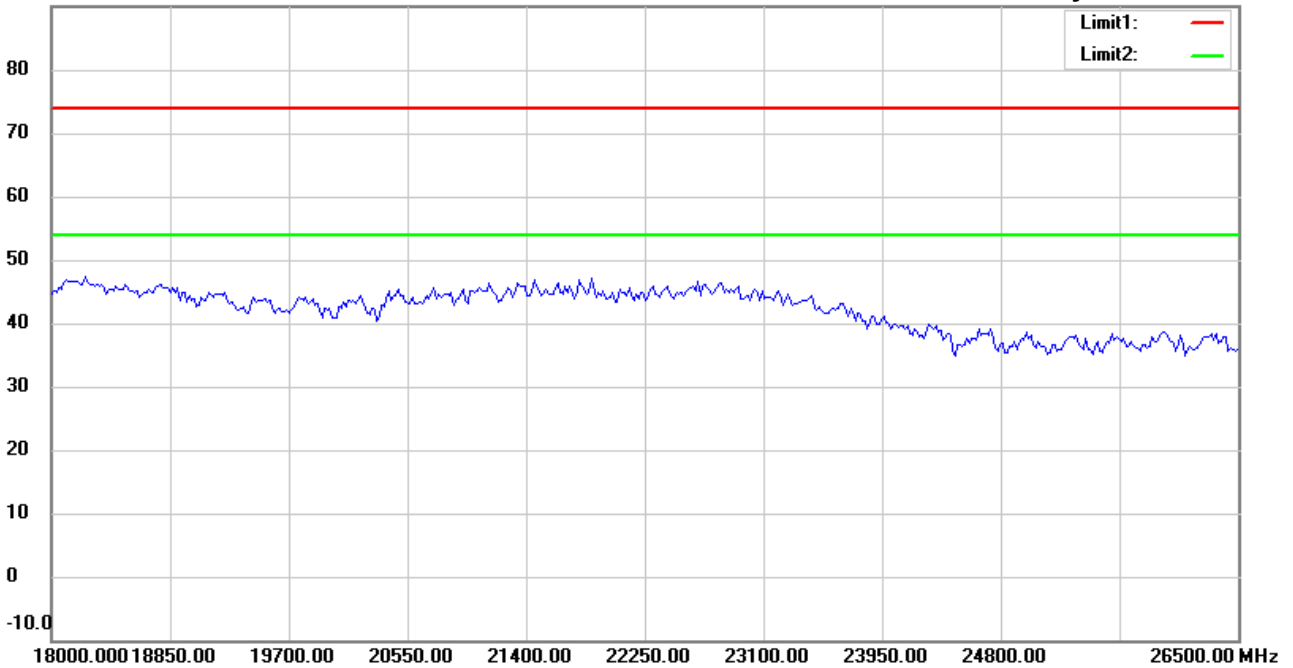
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:13:55 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2403.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#1

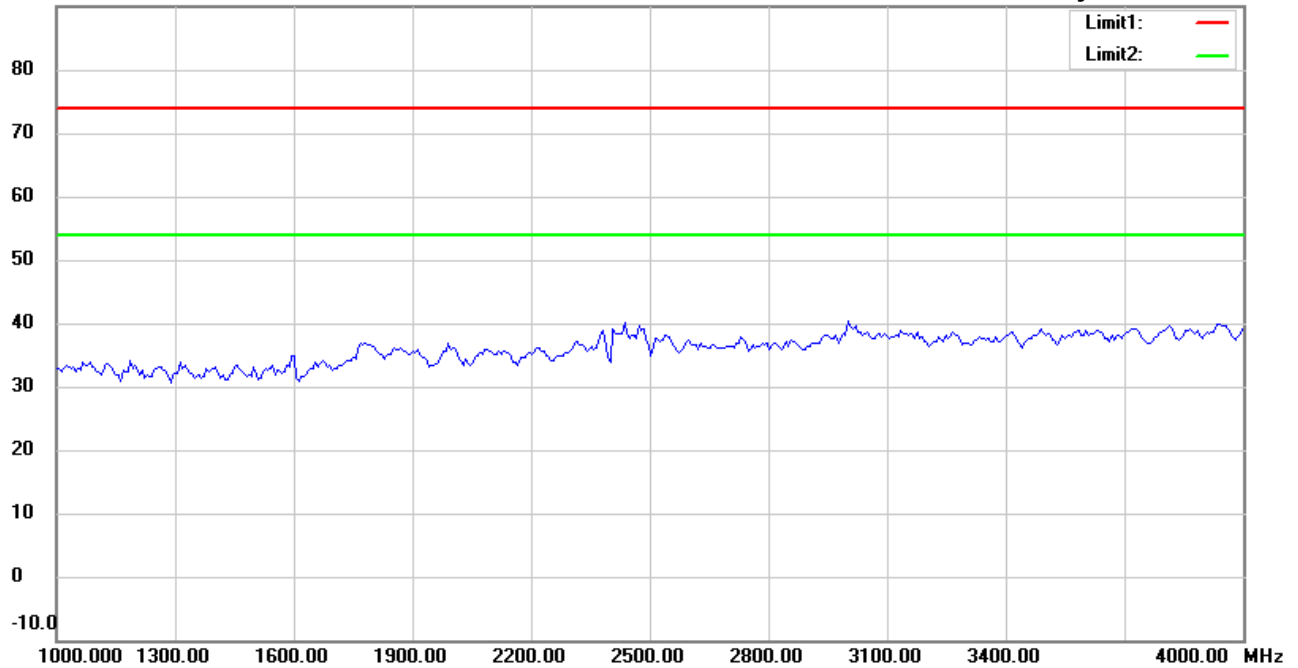
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:20:34 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#6

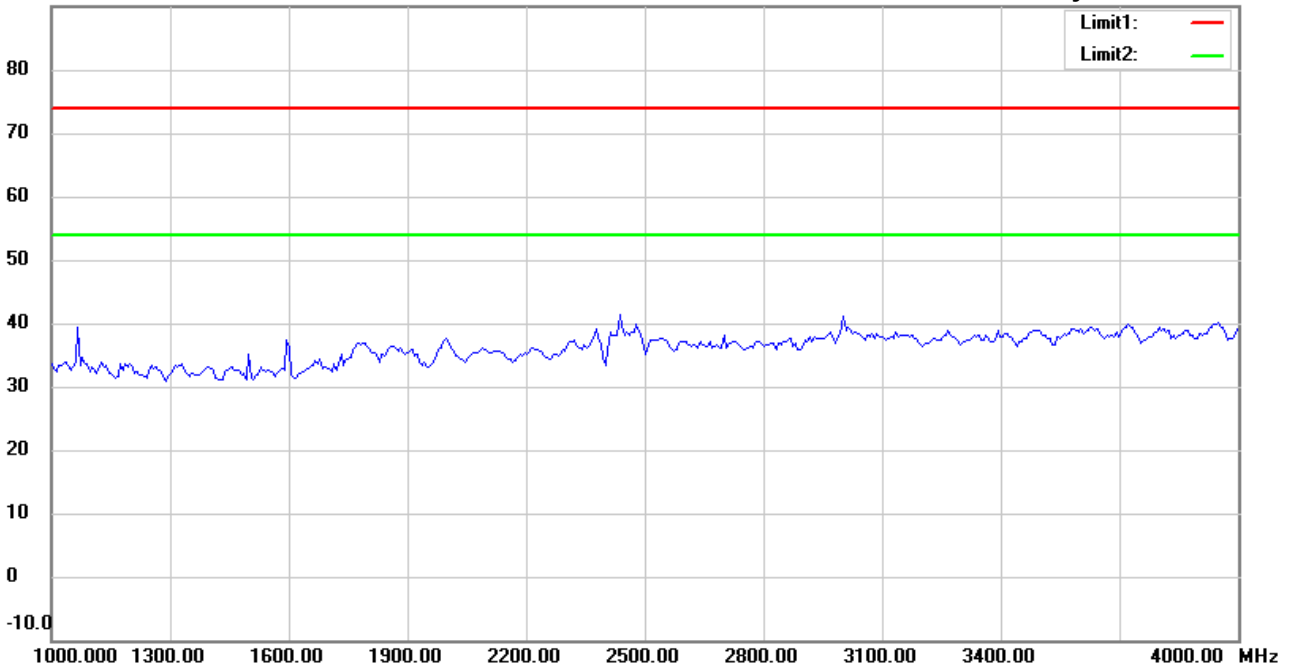
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:23:56 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#2

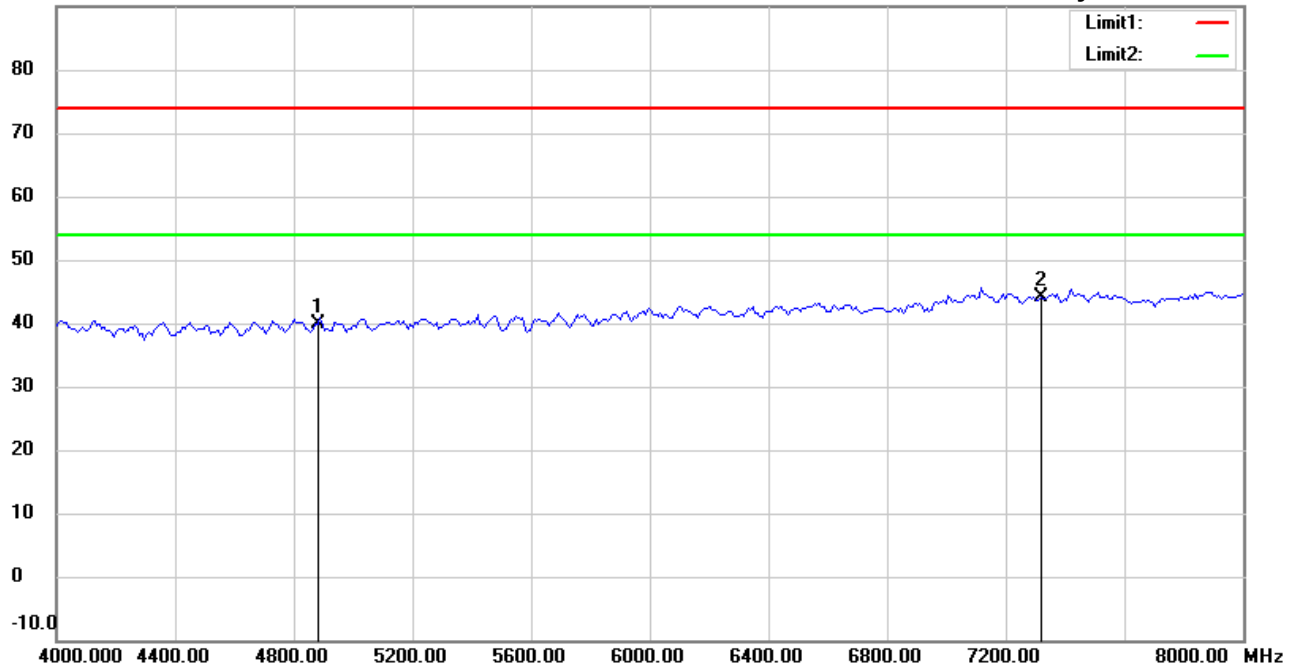
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:21:35 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
	4878.700	41.56	peak	-1.60	39.96	74.00	150	5	-34.04	
*	7318.050	40.50	peak	3.51	44.01	74.00	150	94	-29.99	

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



Radiated Emission Measurement

Operator: Sky

File :3

Data :#7

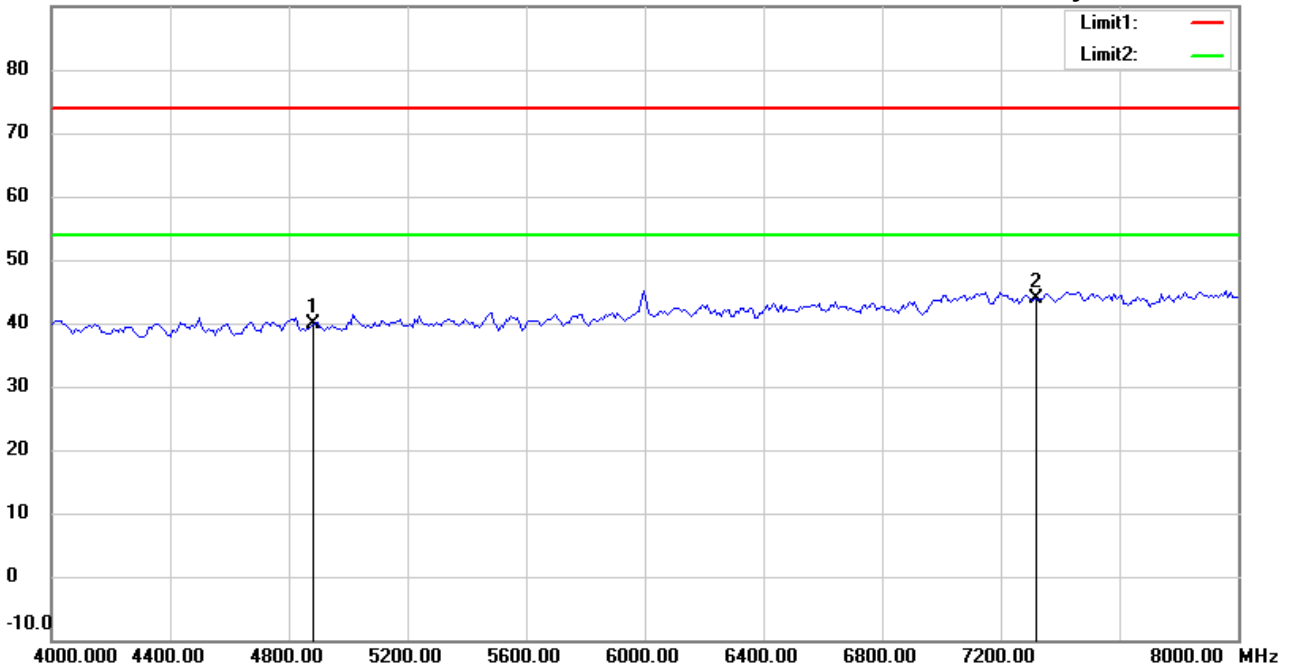
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:24:56 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: **Vertical**

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
	4878.700	41.47	peak	-1.60	39.87	74.00	150	30	-34.13	
*	7318.050	40.28	peak	3.51	43.79	74.00	150	219	-30.21	



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

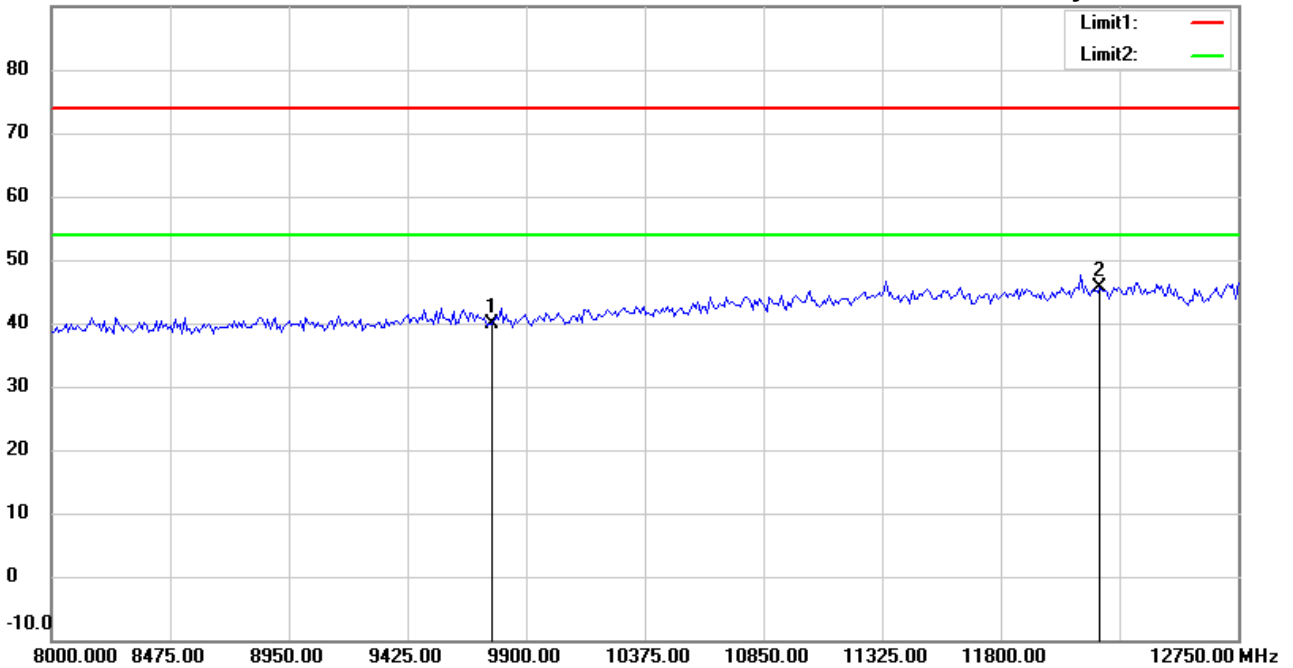
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:21:48 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
	9757.400	33.11	peak	6.84	39.95	74.00	150	26	-34.05	
*	12196.750	32.61	peak	13.01	45.62	74.00	150	330	-28.38	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

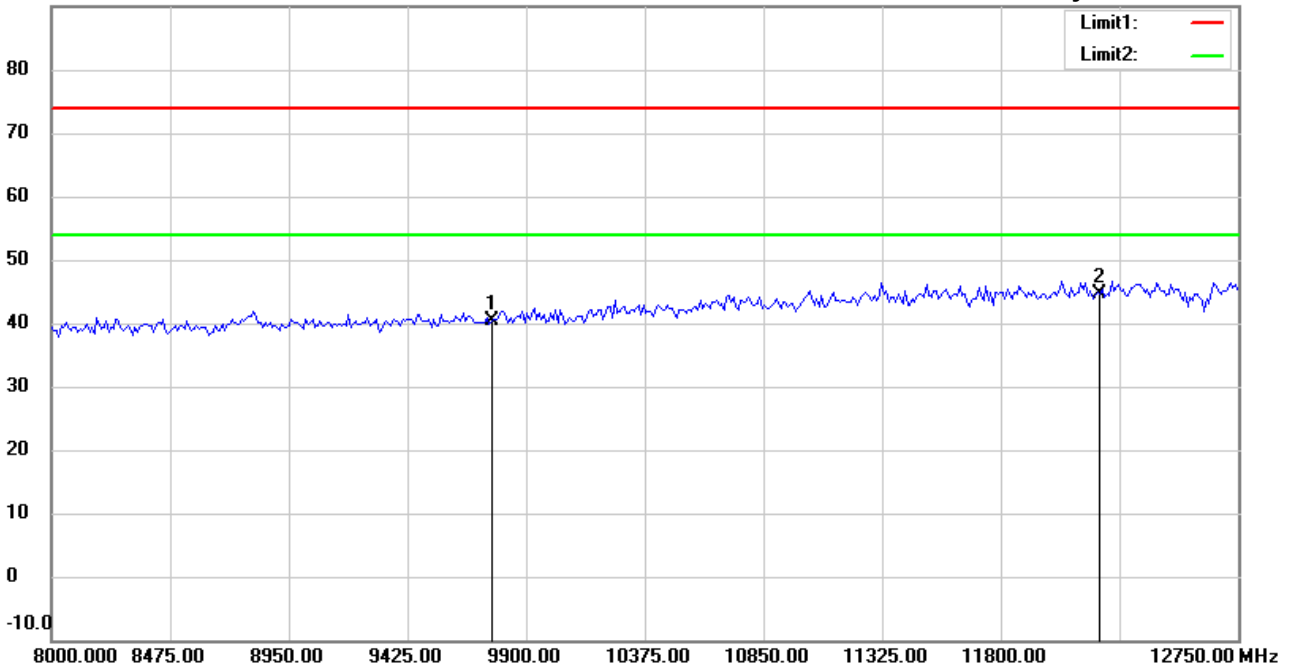
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:25:09 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
	9757.400	33.62	peak	6.84	40.46	74.00	150	76	-33.54	
*	12196.750	31.72	peak	13.01	44.73	74.00	150	321	-29.27	

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





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Radiated Emission Measurement

Operator: Sky

File :3

Data :#4

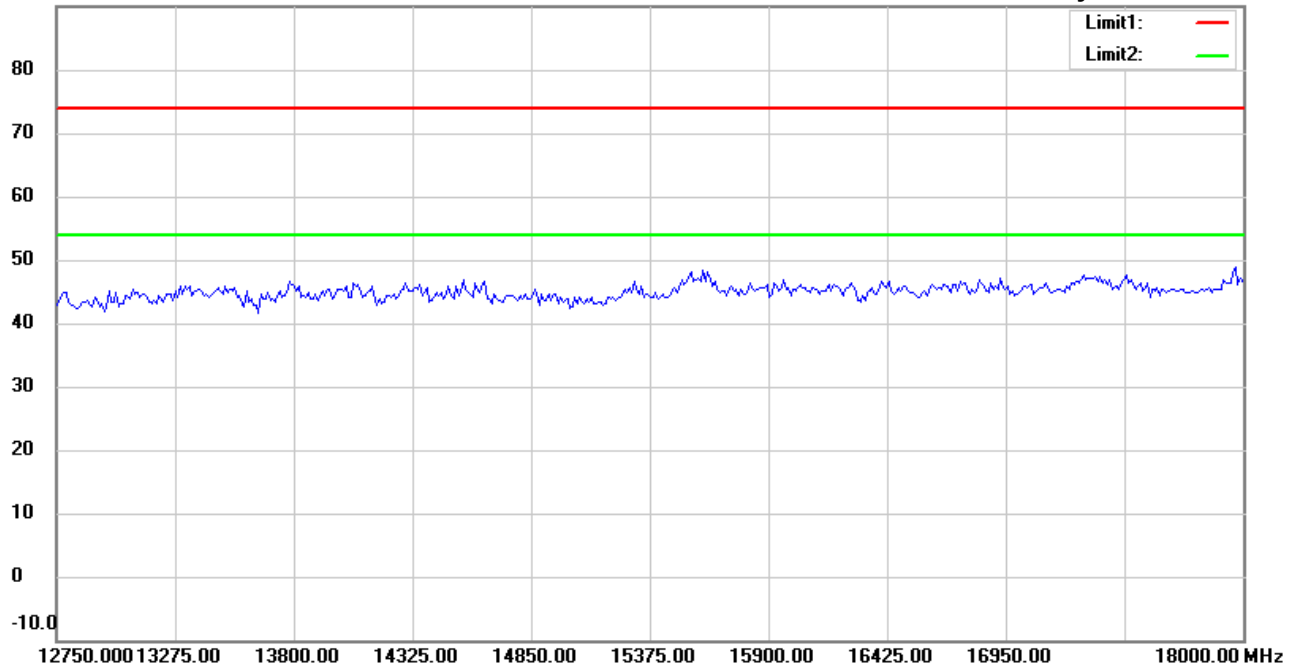
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:22:45 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#9

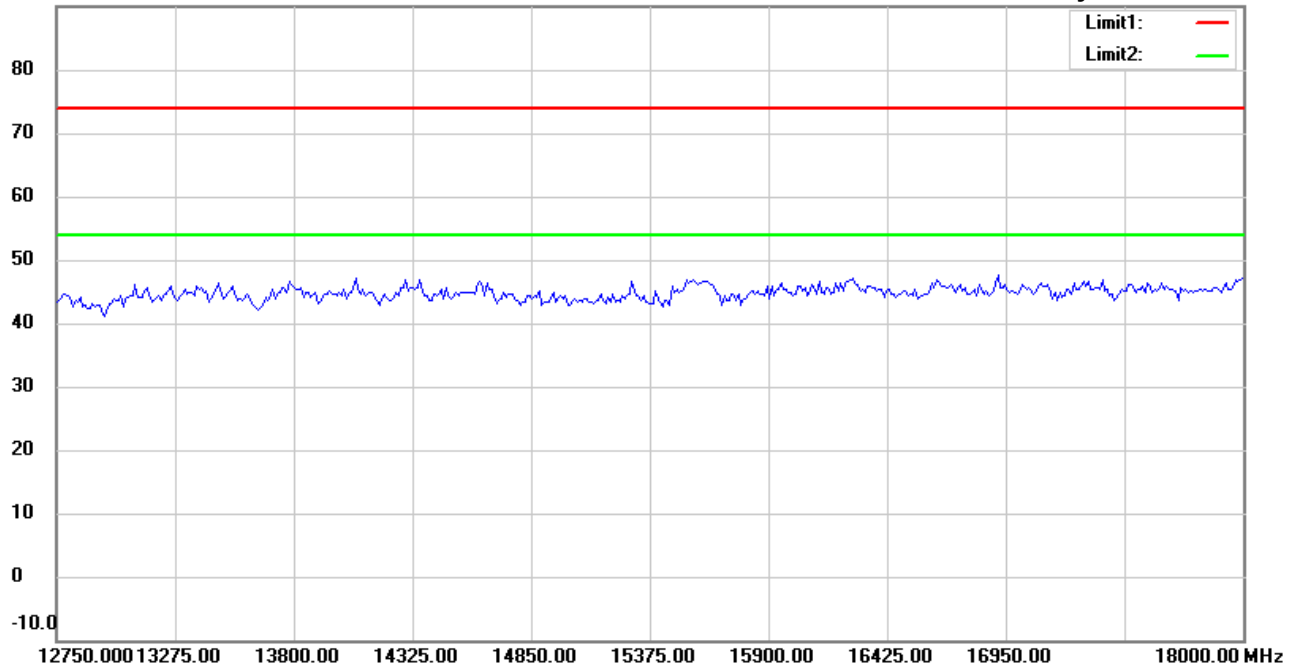
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:26:10 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#5

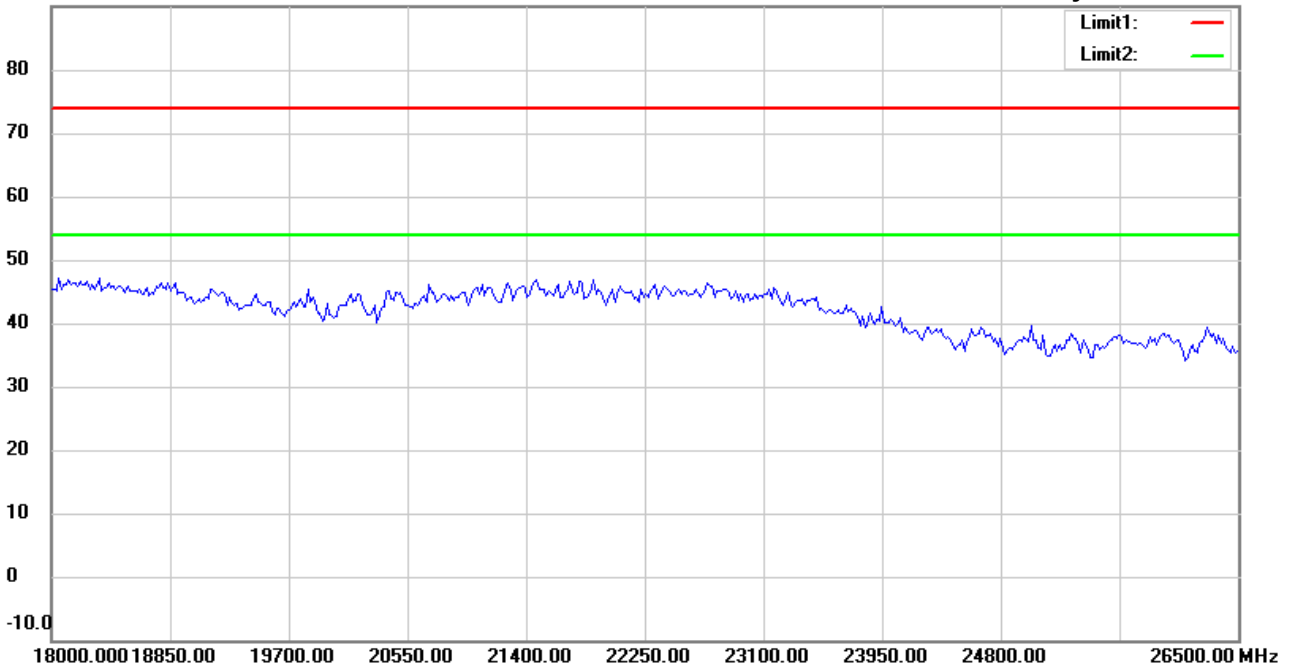
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:22:55 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#10

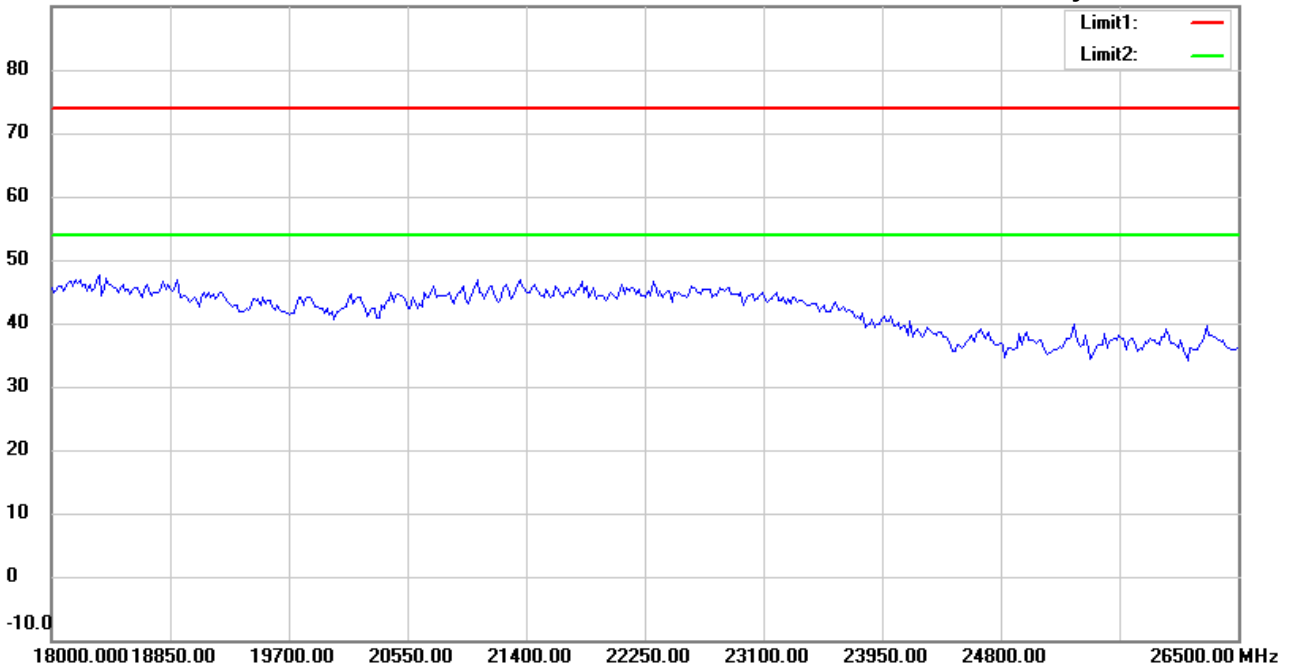
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:26:20 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2439.35MHz

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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 Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#1

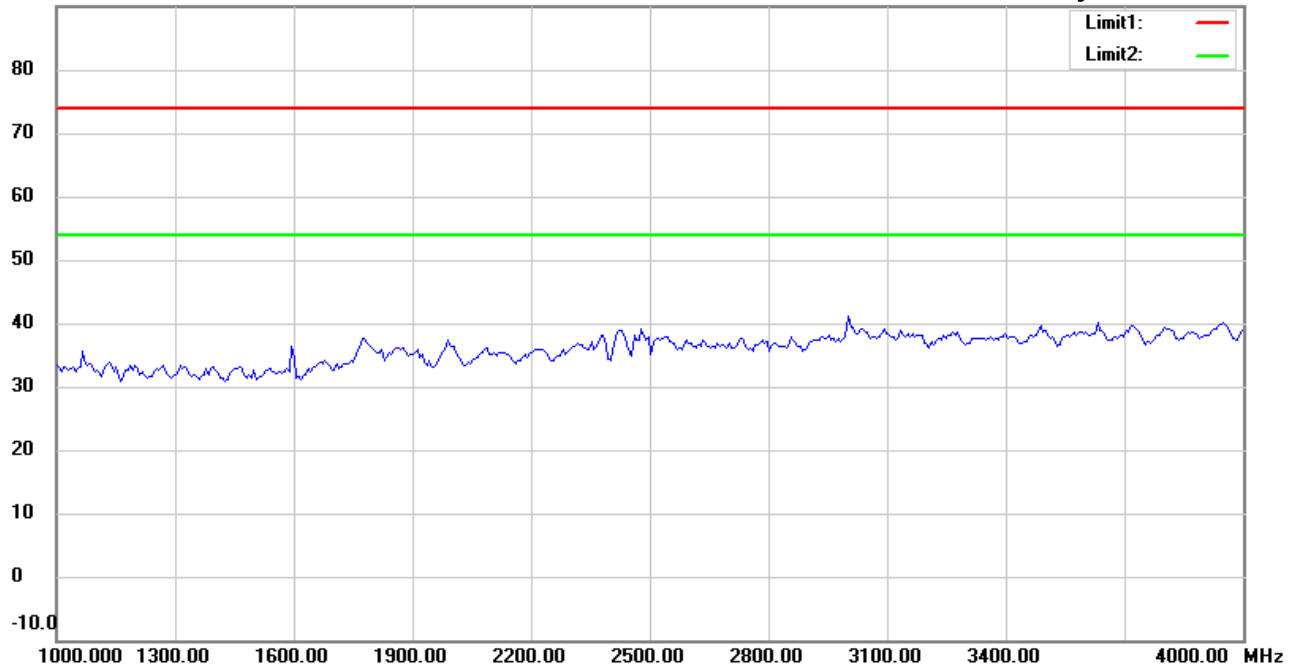
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:32:49 PM

Humidity:49.0 %



Site : Chamber

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

EUT : W6M22007-20095

M/N:

Test Mode : TX 2479.35MHz

Note :

Polarization: *Horizontal*

Power : 5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (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

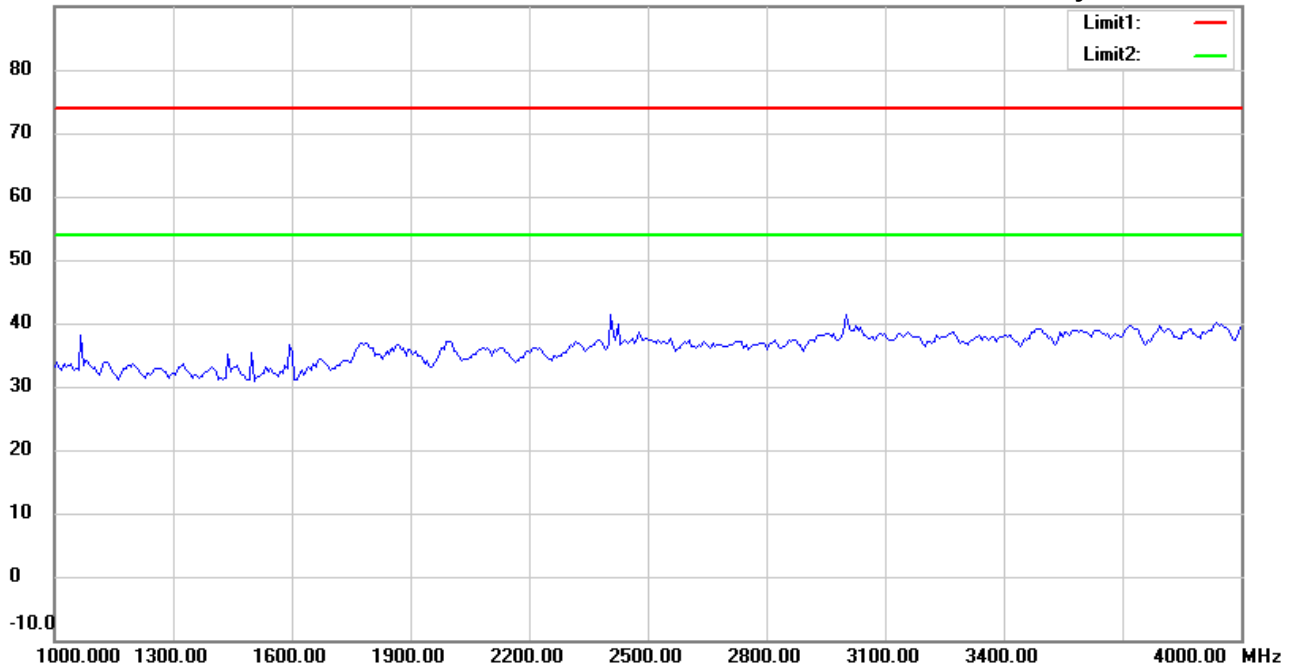
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:36:10 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#2

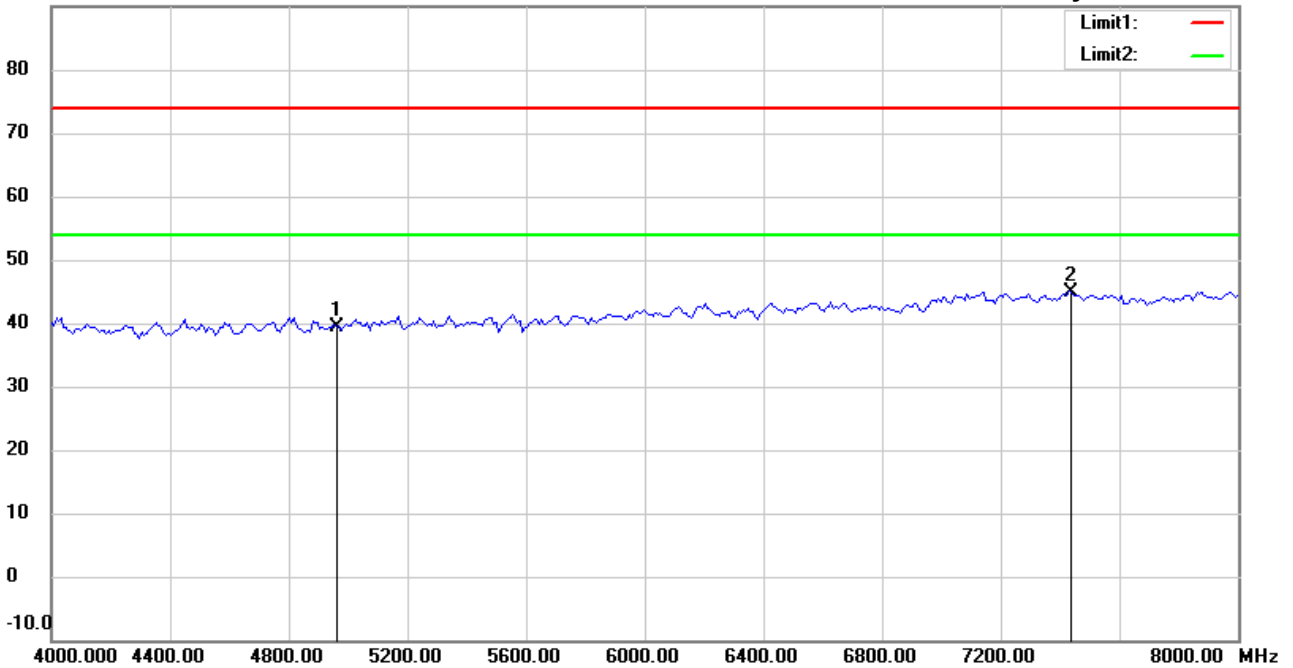
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:33:49 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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
	4958.700	40.78	peak	-1.36	39.42	74.00	150	172	-34.58	
*	7438.050	41.17	peak	3.76	44.93	74.00	150	5	-29.07	

\*: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 :#7

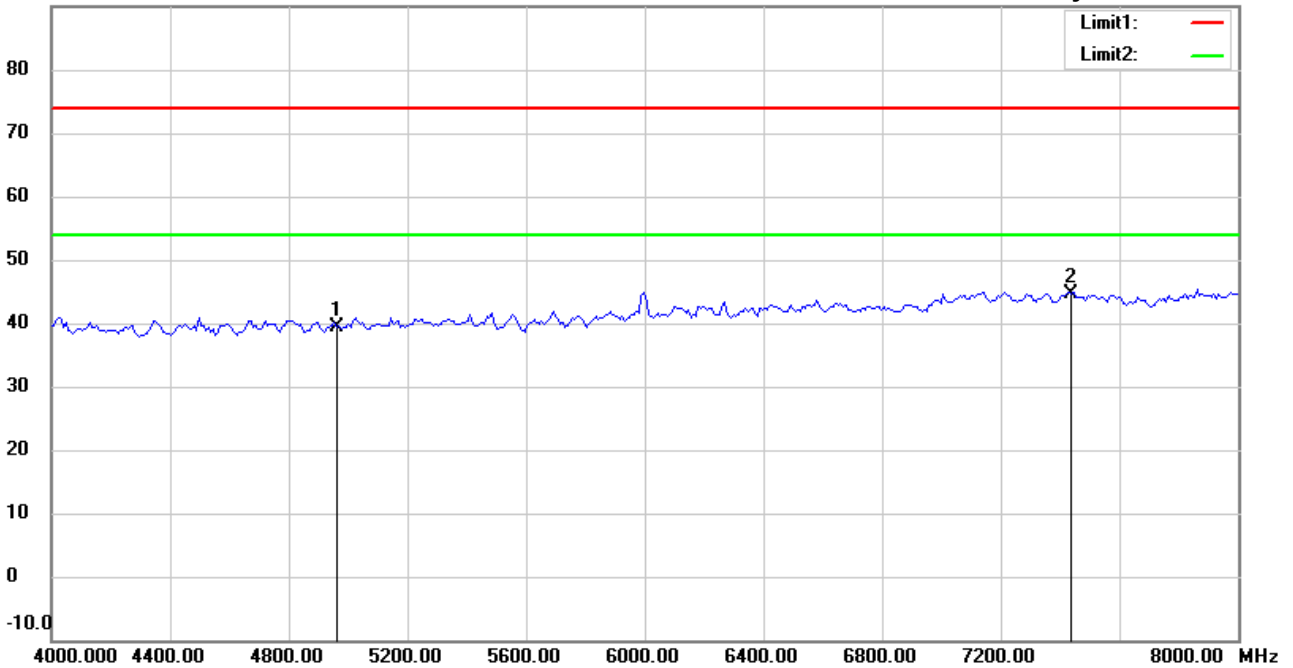
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:37:10 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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
	4958.700	40.62	peak	-1.36	39.26	74.00	150	24	-34.74	
*	7438.050	40.97	peak	3.76	44.73	74.00	150	81	-29.27	

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





Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

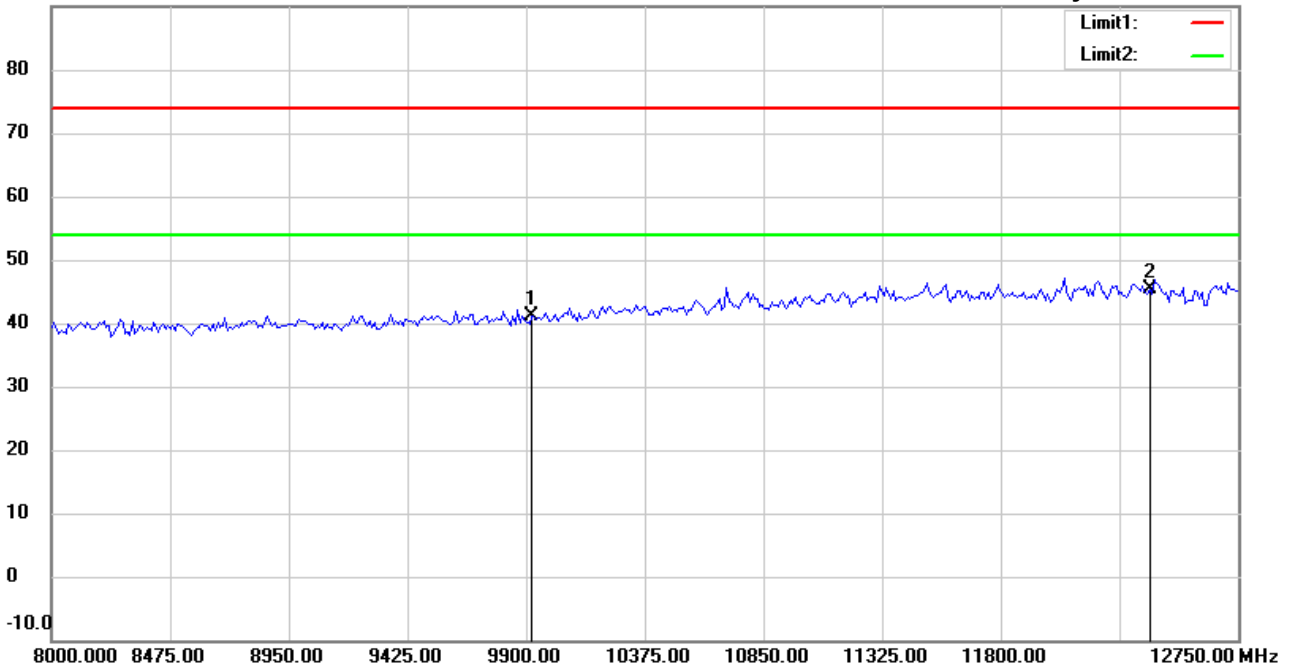
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:34:02 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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
	9917.400	33.97	peak	7.22	41.19	74.00	150	54	-32.81	
*	12396.750	32.57	peak	12.79	45.36	74.00	150	316	-28.64	



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**Radiated Emission Measurement**

Operator: Sky

File :3

Data :#8

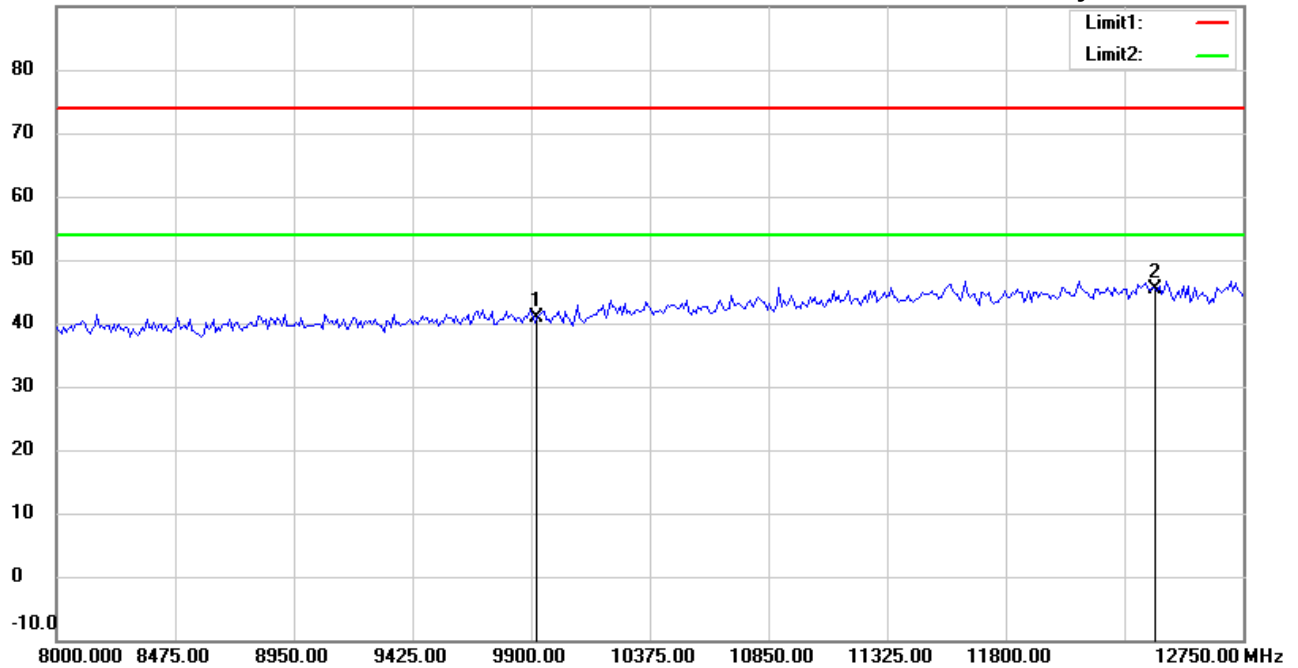
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:37:23 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: **Vertical**

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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
	9917.400	33.77	peak	7.22	40.99	74.00	150	218	-33.01	
*	12396.750	32.71	peak	12.79	45.50	74.00	150	43	-28.50	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#4

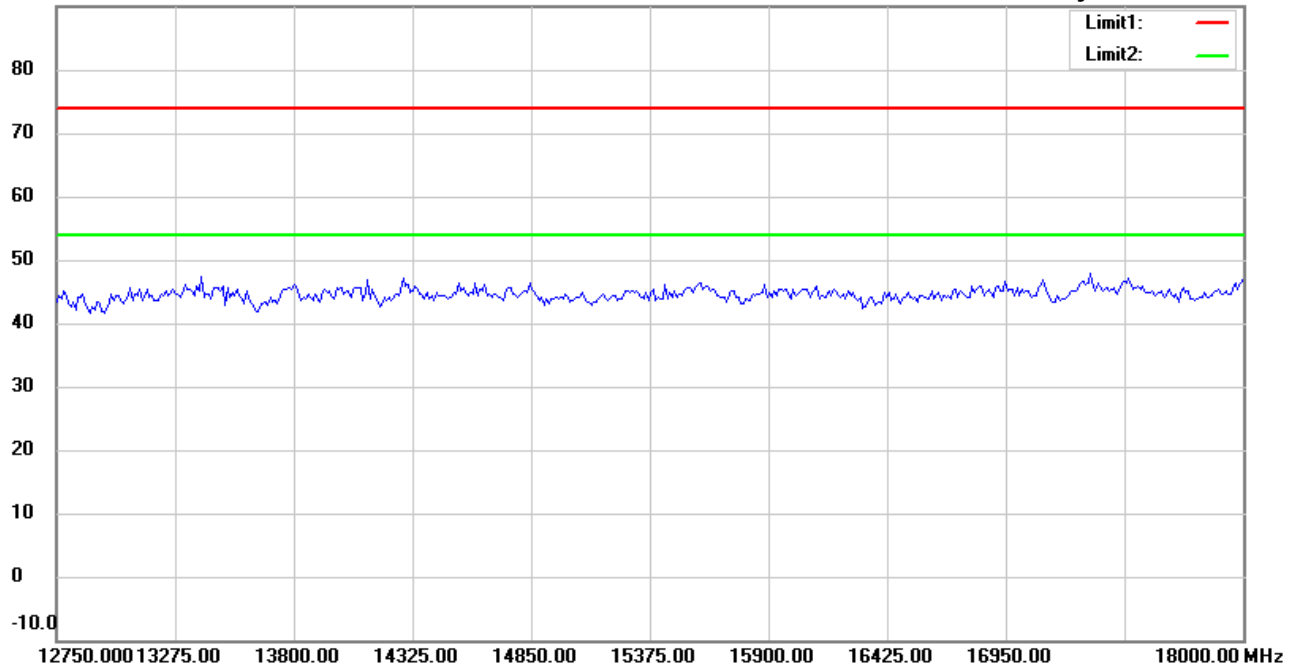
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:35:00 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#9

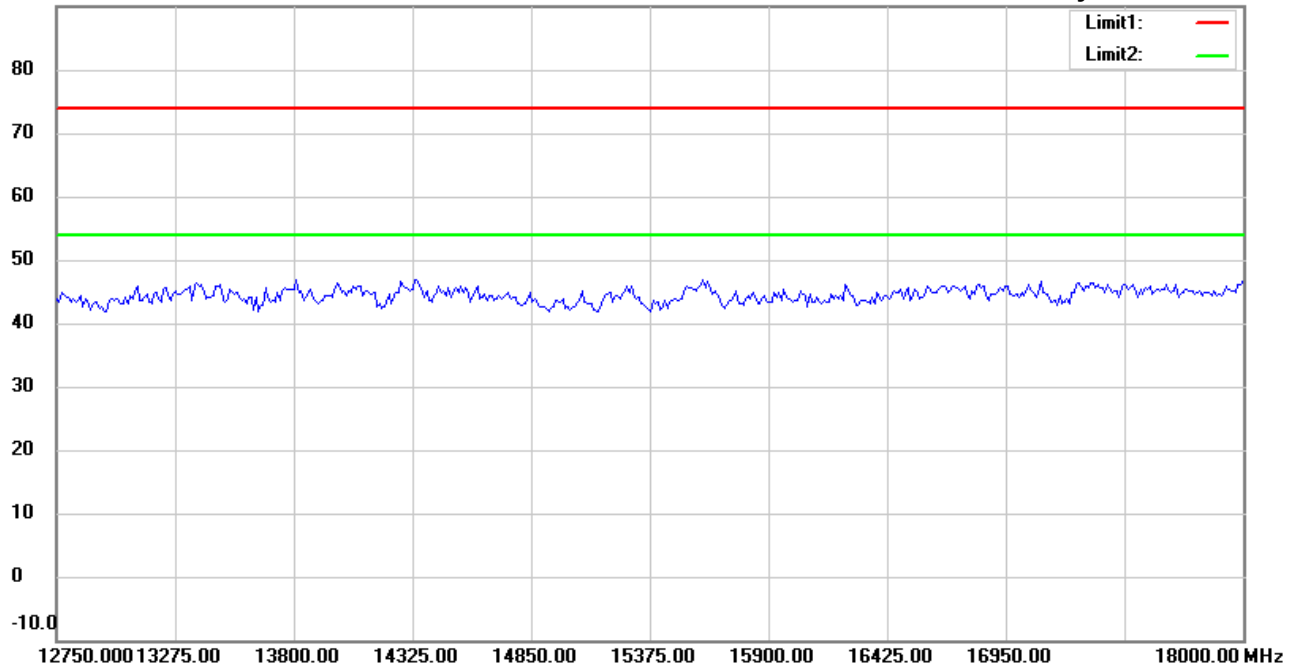
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:38:25 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#5

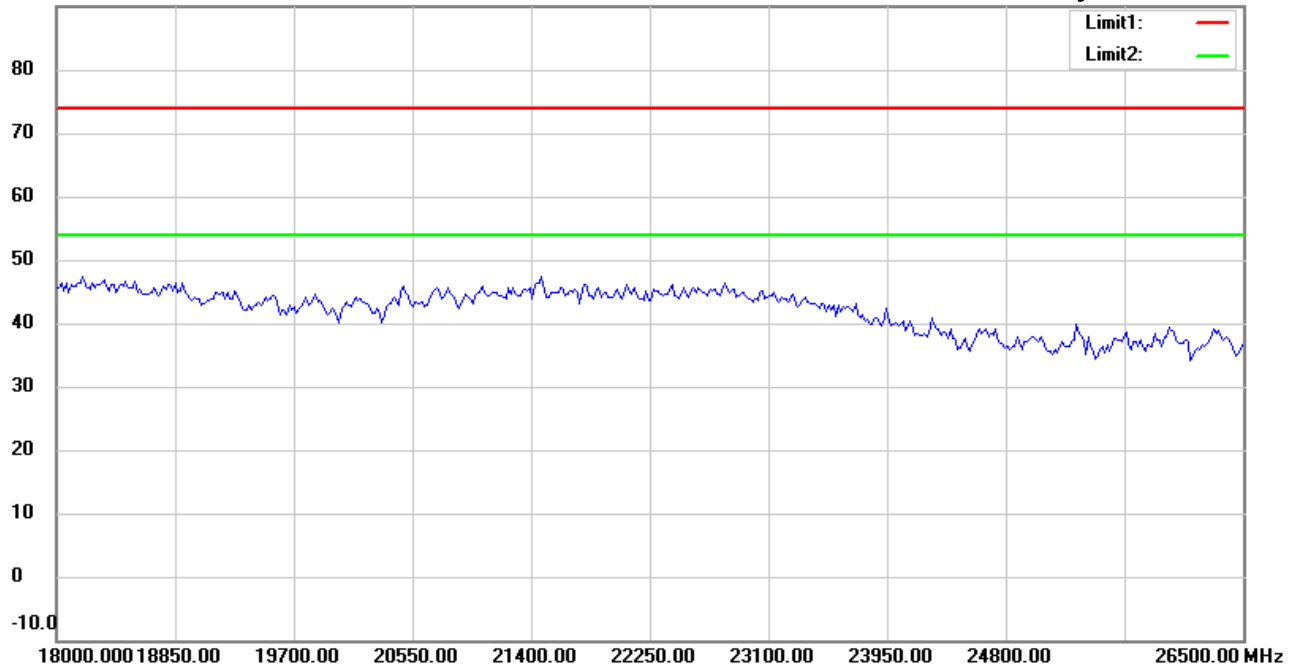
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:35:10 PM

Humidity:49.0 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M22007-20095

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479.35MHz

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#10

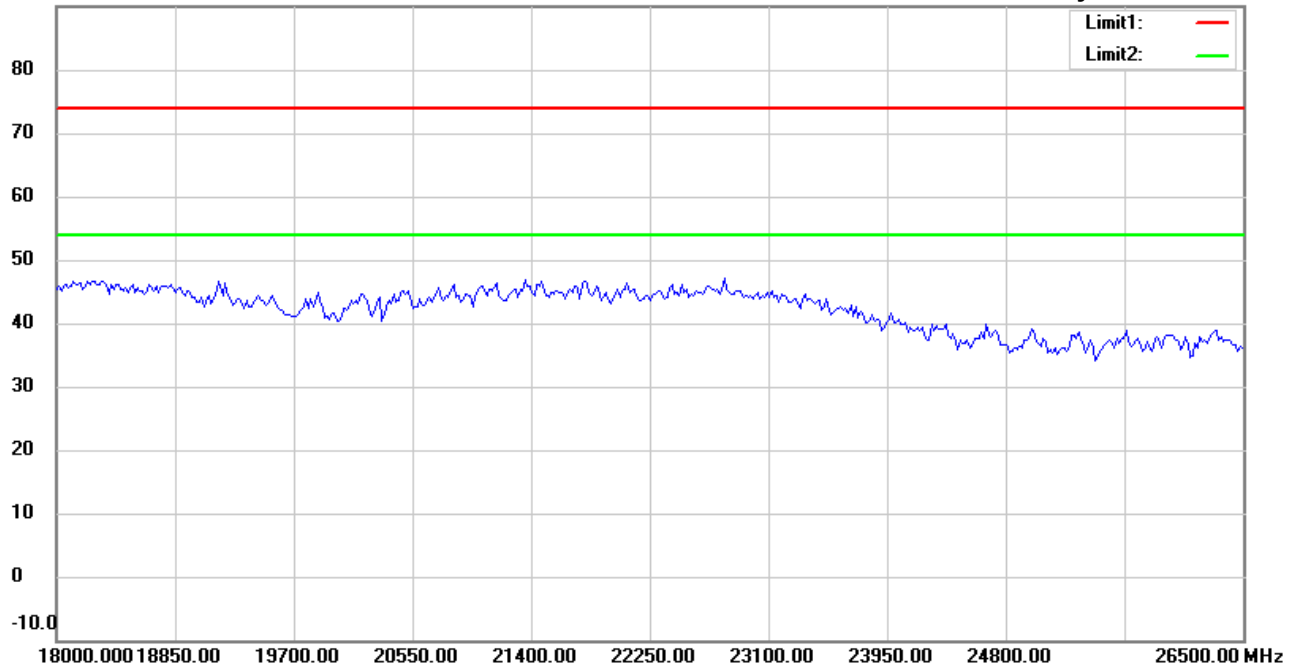
Date: 8/27/2020

Temperature:28.3 °C

90.0 dBuV/m

Time: 9:38:35 PM

Humidity:49.0 %



Site : Chamber

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

EUT : W6M22007-20095

M/N:

Test Mode : TX 2479.35MHz

Note :

Polarization: *Vertical*

Power : 5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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\*:Maximum data    x:Over limit    !:over margin