

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

**for**

**BLE Low Energy Module**

**Model No.: CS63031**

**FCC ID: 2ANCG-CS63031**

**of**

Applicant: CoreStar Co., Ltd

Address: No. 16-3, Shunping 1st St., Xitun Dist., Taichung City, 40754  
Taiwan

**Tested and Prepared**

**by**

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

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

**Industry Canada filed test laboratory Reg. No.: 20037, 5107A**



**Report No.: W6D22211-22274-C-1**

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.  
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# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

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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.

Laboratory disclaimer-

1. The test results of this test report relate exclusively to the item tested as specified in 1.5.
2. The test report may only be reproduced or published in full.
3. Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services(Taiwan) Co., Ltd.
4. Antenna gain is provided by applicant and laboratory issue relevant data and results.

### **Tester:**

November 17, 2022

Ken Kang

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Date

WTS-Lab.

Name

Signature

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

November 17, 2022

Kevin Wang

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Date

WTS

Name

Signature



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## **1.2 Testing laboratory**

### **1.2.1 Location**

10m 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

Worldwide Testing Services (Taiwan) Co., Ltd.

6F., No. 58, Ln. 188, Ruiguang Rd., Neihu Dist.,  
Taipei City 114 , Taiwan (R.O.C.)  
Tel: 886-2-6606-8877

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

Accredited testing laboratory

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

Industry Canada filed test laboratory Reg. No.: 20037, 5107A

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

Name: ./.

Accredited number: ./.

Street: ./.

Town: ./.

Country: ./.

### **1.3 Details of approval holder**

Name: CoreStar Co., Ltd.

Street: No. 16-3, Shunping 1st St., Xitun Dist.,

Town: Taichung City, 40754

Country: Taiwan



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## **1.4 Application details**

Date of receipt of test item(1<sup>st</sup>): March 07, 2019  
Date of test(1<sup>st</sup>): from March 08, 2019 to April 08, 2019  
Date of receipt of test item(2<sup>nd</sup>): November 07, 2022  
Date of test(2<sup>nd</sup>): ./.

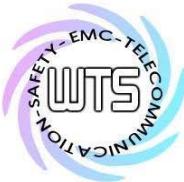
## **1.5 General information of Test item**

Type of test item: BLE Low Energy Module  
Model number: CS63031  
Brand name: CoreStar  
Multi-listing model number: ./.

### **Technical data**

Frequency band: 2402 MHz – 2480 MHz  
Frequency ( ch 0 or A): 2402 MHz  
Frequency ( ch 19 or B): 2440 MHz  
Frequency ( ch 39 or C): 2480 MHz  
Number of channels: 40  
Operation modes: Duplex  
Modulation type: GFSK  
Fixed point-to-point operation:  Yes /  No  
Type of antenna: PCB antenna  
Antenna gain: 2 dBi  
Power supply: 5Vd.c.  
Host device: none  
Classification:

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



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

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## Transmitter

## Unom

<b>Power (ch 0 or A):</b>	Conducted: -4.09 dBm
<b>Power (ch 19 or B):</b>	Conducted: -4.95 dBm
<b>Power (ch 39 or C):</b>	Conducted: -8.38 dBm

## **Manufacturer: (if applicable)**

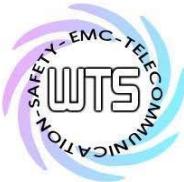
Name: ./.  
Street: ./.  
Town: ./.  
Country: ./.

## **1.6 Test standards**

47 CFR PART 15 SUBPART C § 15.247 (2021-10)

### **Special statement:**

1. This test report is based on the original test report number: W6M21902-18803-C-1.
2. The relevant Circuitry, Inner element, Appearance and Function is exactly the same as the one in original test report. The differences are PCB Layout, add the PCB panel color (green), pin on the PCB panel side and the version of test standard. After estimate, there is no difference between version of standard. The other test results are based on the original test report no. W6M21902-18803-C-1 without re-testing.



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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: 5Vd.c.

Extreme conditions parameters: ./.

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission (Power Line Conducted Emission)	Expanded Uncertainty : AMN : 1.03 dB Voltage probe : 1.05 dB
Estimation Result of Uncertainty of Radiated Emission(3M) (Transmitter Radiated Emissions in Restricted Bands , Spurious Emissions (tx), Radiated Emission from Receiver Part)	Expanded Uncertainty : 0.009-30 MHz : 3.48 dB 30-1000 MHz : 4.48 dB 1-18 GHz : 4.15 dB 18-40 GHz : 3.78 dB
Estimation Result of Uncertainty of Bandwidth Measurement (Minimum 6 dB Bandwidth)	Expanded Uncertainty : 0.45 kHz
Estimation Result of Uncertainty of Conducted Output Power Measurement (Peak Output Power (transmitter))	Expanded Uncertainty : 3.07 dB
Estimation Result of Uncertainty of Power Density Measurement (Peak Power Spectral Density)	Expanded Uncertainty : 3.63 dB
Estimation Result of Uncertainty of Band Edge Measurement (Radiated Emission on the band edge)	Expanded Uncertainty : 0.67 dBc

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



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## 2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2018/5/30	2019/5/29
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	2018/11/1	2019/10/31
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2018/8/21	2019/8/20
ETSTW-CE 008	HF-EICHLEITUNG 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	2018/7/13	2019/7/12
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2018/9/25	2019/9/24
ETSTW-CE 028	MXE EMI Receiver	N9038A	MY53220110	Agilent	2018/7/16	2019/7/15
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2018/5/30	2019/5/29
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2018/5/21	2019/5/20
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	2018/7/13	2019/7/12
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2018/7/12	2019/7/11
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2019/3/15	2020/3/14
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2019/1/29	2020/1/28
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2018/4/13	2019/4/12
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2018/4/26	2019/4/25
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2019/2/26	2020/2/28
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2019/2/26	2020/2/28
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2019/2/26	2020/2/28
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2019/3/5	2020/3/4
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2019/2/26	2020/2/28
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2019/3/15	2020/3/14
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	2018/9/17	2019/9/16
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2018/9/18	2019/9/17
ETSTW-RE 091	Match Pad	MDCS1500	None	WOKEN	2018/4/16	2019/4/15
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2019/2/13	2020/2/12
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2019/1/15	2020/1/14
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	



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ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2018/5/29	2019/5/28
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2018/8/8	2019/8/7
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2018/8/8	2019/8/7
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2019/2/26	2020/2/28
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2018/8/8	2019/8/7
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2018/8/8	2019/8/7
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-RE 142	Amplifier	8447D	2805A03378	Agilent	2019/3/15	2020/3/14
ETSTW-RE 147	Bi-log Hybrid Antenna	MCTD 2786B	BLB16M04005	ETC	2019/3/15	2020/3/14
ETSTW-RE 151	Thermohygrometer	608-h1	45104376	TESTO	2018/8/17	2019/8/16
ETSTW-EMI 011	USB Compact Modulator	SFC-U	101689	R&S	2018/5/10	2019/5/9
ETSTW-EMS 008	Exposure Level Tester	ELT-400	G-0009	Narda	2018/7/17	2019/7/16
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2019/3/5	2020/3/4
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2019/2/26	2020/2/28
ETSTW-GSM 004	Wideband Radio Communication Tester	CMW500	128092	R&S	2018/10/19	2019/10/18
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2019/1/14	2020/1/13
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2019/1/14	2020/1/13
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2019/1/14	2020/1/13
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2019/1/14	2020/1/13
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2018/9/12	2019/9/11
ETSTW-GSM 024	Radio Communication Analyzer	MT8821C	None	Anritsu	2019/3/5	2020/3/4
ETSTW-GSM 025	Band Reject Filter	BRM19835	001	Micro-Tronics	2018/8/9	2019/8/8
ETSTW-Cable 011	SMA to N type Cable	RGU-400	None	THERMAX	Pre-test Use NCR	
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2018/7/2	2019/7/1
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2019/2/26	2020/2/28
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2018/5/14	2019/5/13
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2018/9/18	2019/9/17
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2018/9/18	2019/9/17
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S Cable 9)	279067	HUBER+SUHNER	2019/2/26	2020/2/28
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104 (S Cable 10)	238092	HUBER+SUHNER	2019/3/15	2020/3/14
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2019/3/15	2020/3/14
ETSTW-Cable 048	Microwave Cable	SUCOFLEX 104	325519	HUBER+SUHNER	2019/3/15	2020/3/14
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2018/6/9	2019/6/8



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ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2019/3/15	2020/3/14
ETSTW-Cable 066	SMA type cable	32022	None	ASTROLAB	2019/3/15	2020/3/14
ETSTW-Cable 071	N TYPE CABLE	EMCCFD400-NM-NM-25000	170239	EMCI	2018/6/9	2019/6/8
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMCA	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	



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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:

$$\begin{array}{ll} \text{Freq (MHz)} & \text{METER READING + ACF + CABLE LOSS (to the receiver) = FS} \\ 33 & 20 \text{ dB}\mu\text{V} + 10.36 \text{ dB} + 6 \text{ dB} = 36.36 \text{ dB}\mu\text{V/m @3m} \end{array}$$

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.

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

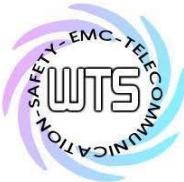


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ANSI STANDARD C63.10-2013 B.2.7: Any measurements that utilize special test software shall be indicated and referenced in the test report. During testing, test software 'EZ EMC' was used for setting up different operation modes.



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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"/>
Emissions in nonrestricted frequency bands	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 Receiver part	15.109	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power Line Conducted Emission	15.207	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

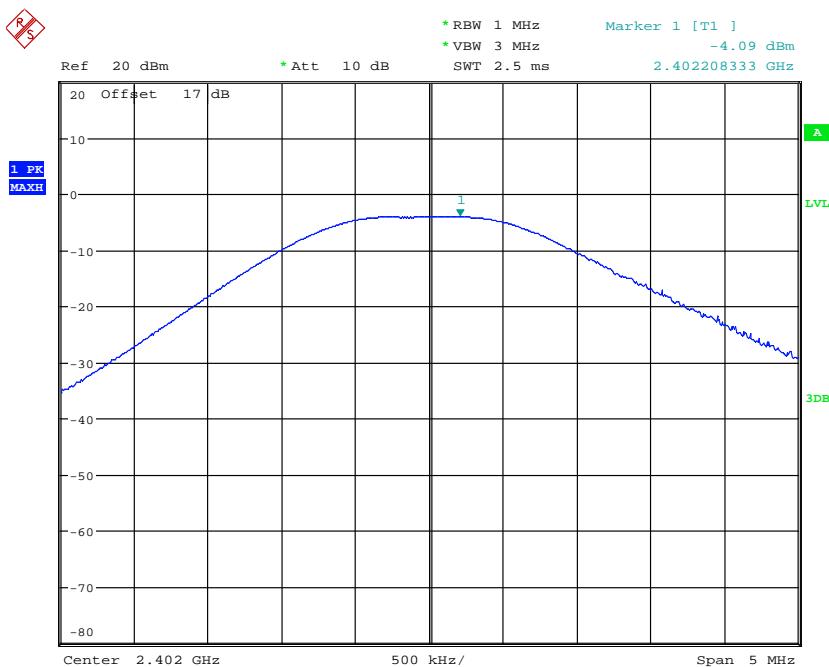
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## 3.1 Peak Output Power (transmitter)

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.

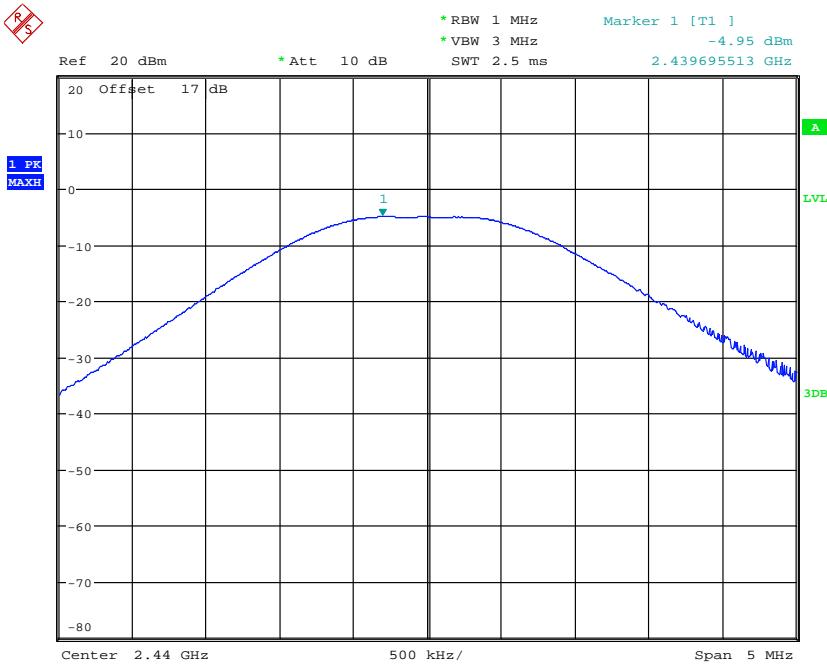


MAX OUTPUT POWER BT4.0 CH00

Date: 14.MAR.2019 16:56:50

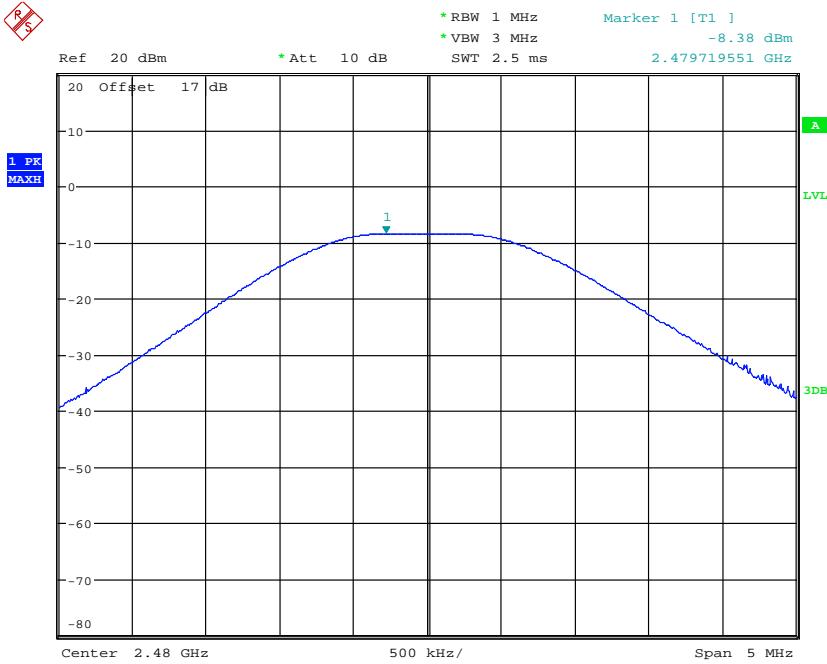
Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031



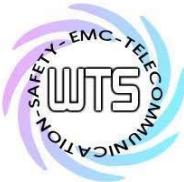
MAX OUTPUT POWER BT4.0 CH19

Date: 14.MAR.2019 16:58:24



MAX OUTPUT POWER BT4.0 CH39

Date: 14.MAR.2019 16:59:58



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

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

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



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

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

## **3.2 Equivalent Isotropic Radiated Power (EIRP)**

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

EIRP = -4.09 dBm + (2 dBi [antenna gain claimed by manufacturer]) = -2.09 dBm = 0.618 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
2402	10.09	19.26	29.35	38.52	48.52	SAR Test Exclusion Threshold (mW)

MHz	30	35	40	45	50	mm
2402	57.70	67.79	77.87	87.05	97.13	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 : 2400-2483.5 MHz

Max. output power level at 5 mm separation distance at 2402 MHz according to table is: 10.09 mW

The product is exempt from SAR Evaluation/Testing because the output power of 0.618 mW is below the exemption limit of 10.09 mW.



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

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

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

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

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

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

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

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

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

Limits.

For frequencies below 1GHz:

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

For frequencies above 1GHz (Average measurements).

Guidance on Measurement of Digit Transmission Systems:

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

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

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

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

Explanation: See attached diagrams in Appendix.



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

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

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

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

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

FCC Rule: 15.247(d), 15.35

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

Limits:

For frequencies above 1GHz (Peak measurements).

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

For frequencies above 1GHz (Average measurements).

Max. reading – 20dB

Max. reading – 20 dB

Guidance on Measurement of Digit Transmission Systems:

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

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

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

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



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

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

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:	CS63031	Date:	--
Mode:	--	Temperature:	-- °C
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**

- Correction Factor = Antenna factor + Cable loss - Preamplifier**
- The formula of measured value as: Test Result = Reading + Correction Factor**
- 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.**
- 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

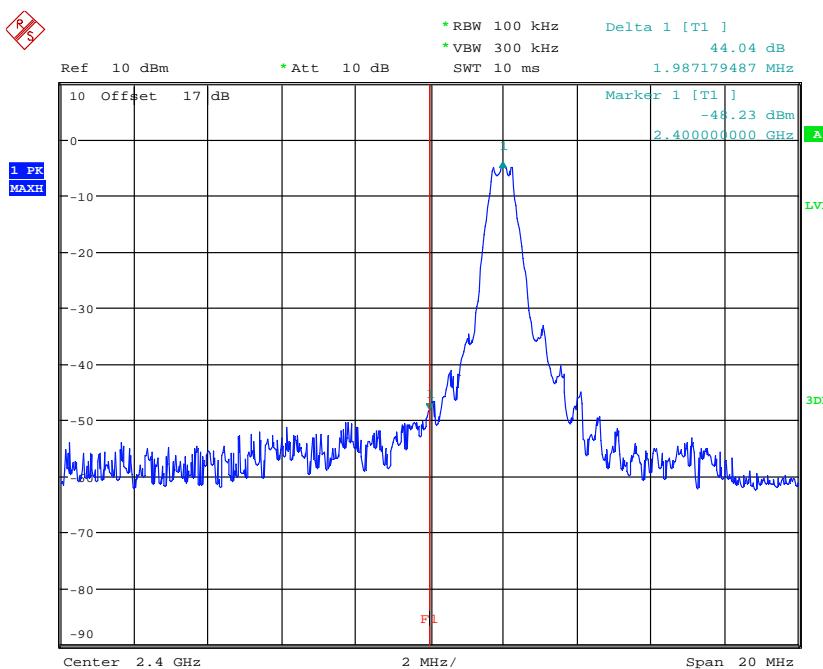
Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

### 3.6 Emissions in nonrestricted frequency bands

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.

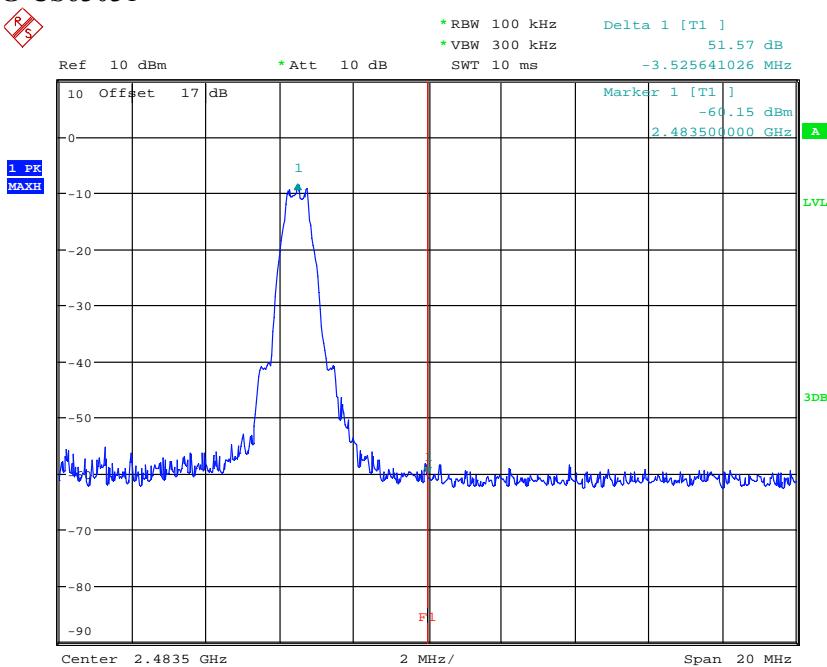




# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031



BANDEdge BT4.0 CH39  
Date: 14.MAR.2019 17:00:30

Limit:

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

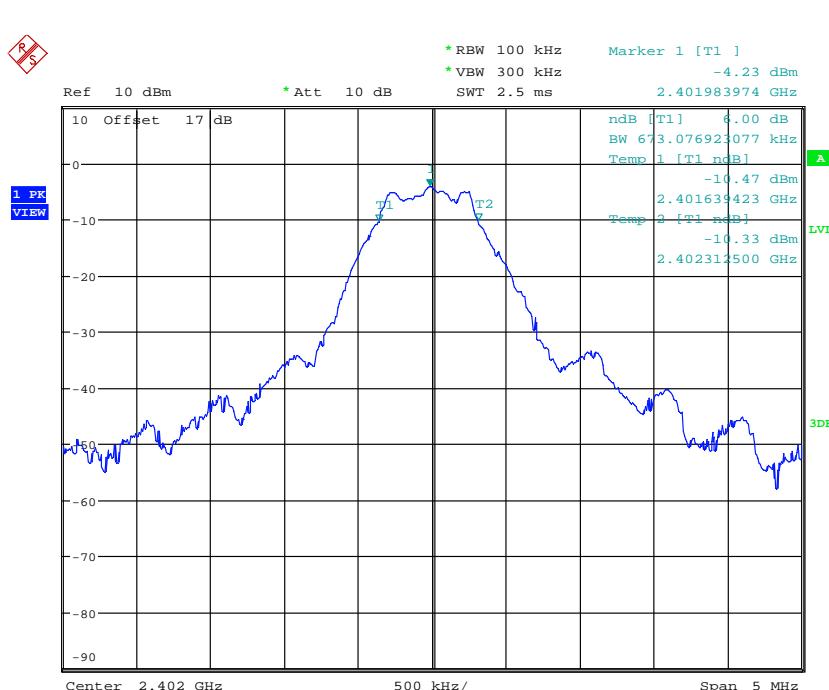
Test equipment used: ETSTW-RE 055, ETSTW-RE 050, ETSTW-RE 064

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

### 3.7 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.



6DB BANDWIDTH BT4.0 CH00  
Date: 14.MAR.2019 16:57:02

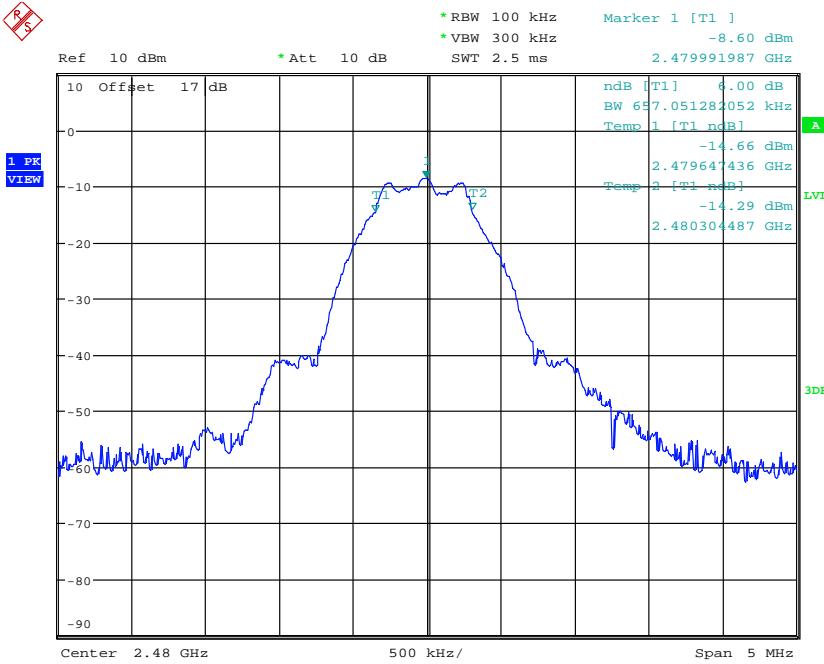
Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031



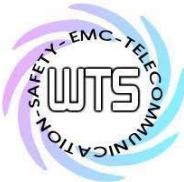
6DB BANDWIDTH BT4.0 CH19

Date: 14.MAR.2019 16:58:36



6DB BANDWIDTH BT4.0 CH39

Date: 14.MAR.2019 17:00:10



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

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

## 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

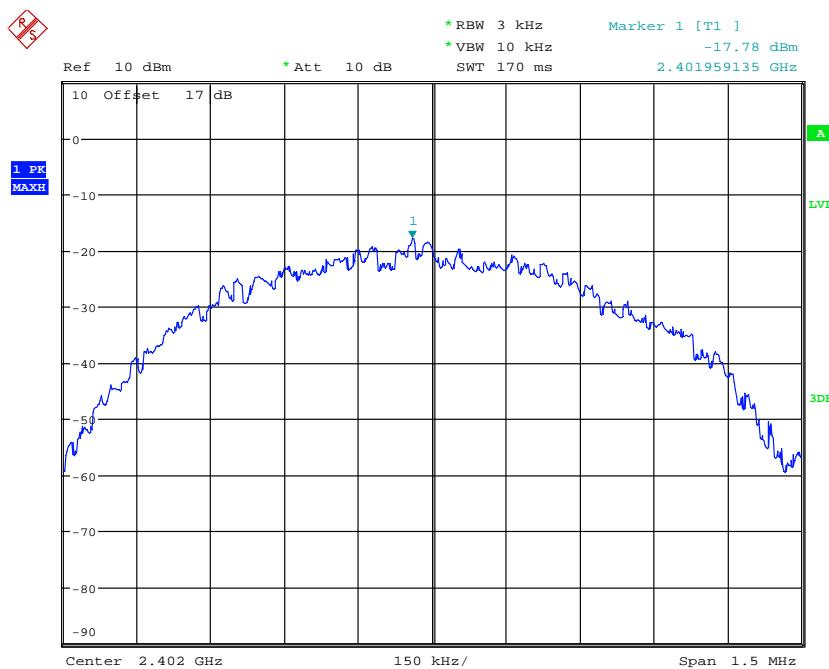
Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

### 3.8 Peak Power Spectral Density

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

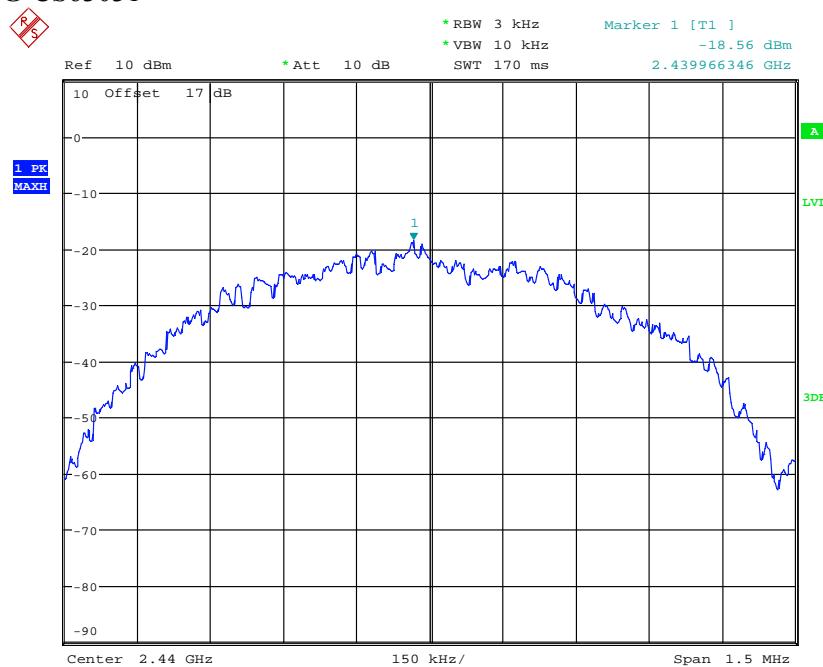
The peak output power is measured with a measurement bandwidth of 10 MHz and displayed on diagram together with Peak Power Spectral Density result which was measured with a bandwidth of 3 kHz, appreciate frequency span and sweep time.



POWER DENSITY BT4.0 CH00  
Date: 14.MAR.2019 16:57:14

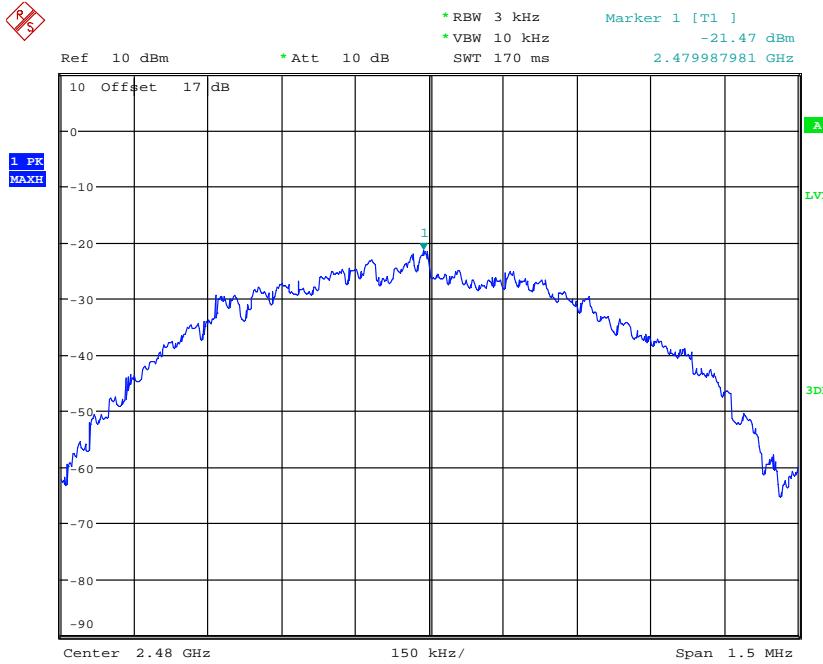
Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031



POWER DENSITY BT4.0 CH19

Date: 14.MAR.2019 16:58:48



POWER DENSITY BT4.0 CH39

Date: 14.MAR.2019 17:00:22



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

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

## Limits:

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

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



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

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

## **3.9 Radiated Emission from Receiver Part**

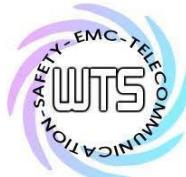
FCC Rule: 15.109

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

Frequency of Emission (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 see attached diagrams in appendix.



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

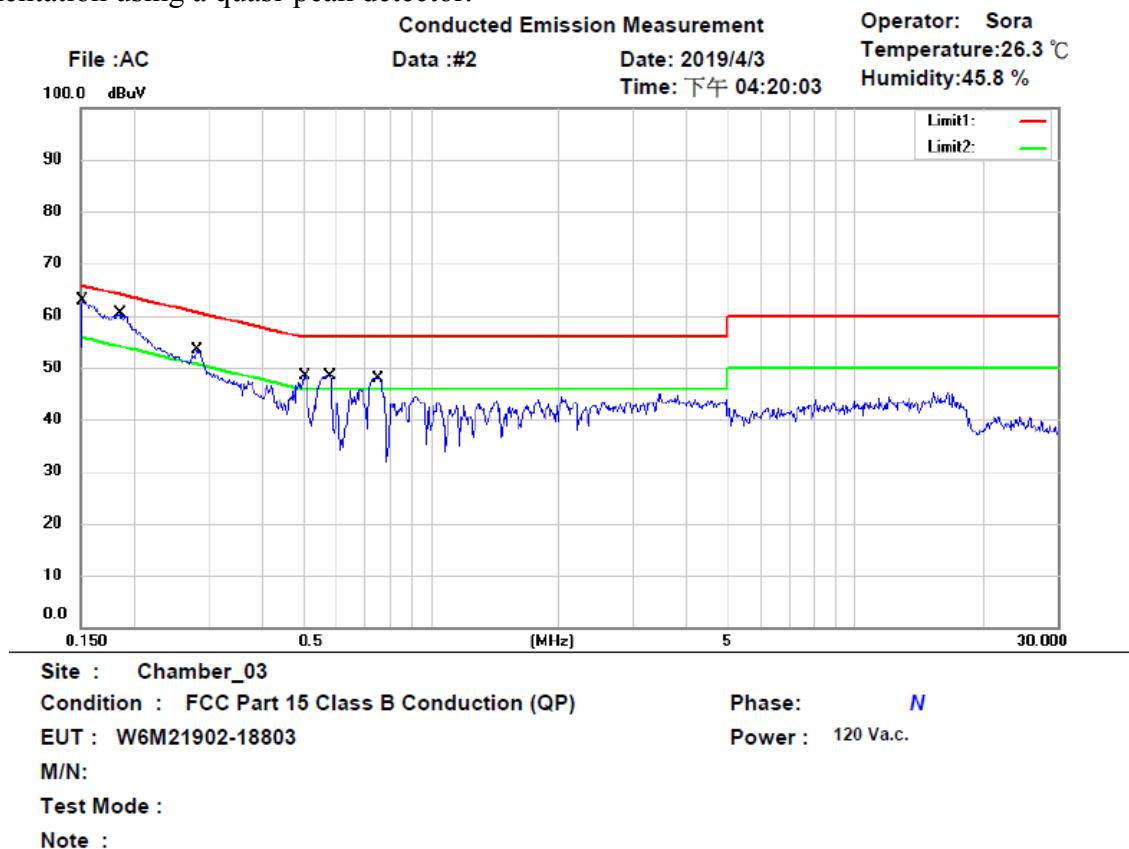
Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031

## 3.10 Power Line Conducted Emission

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

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



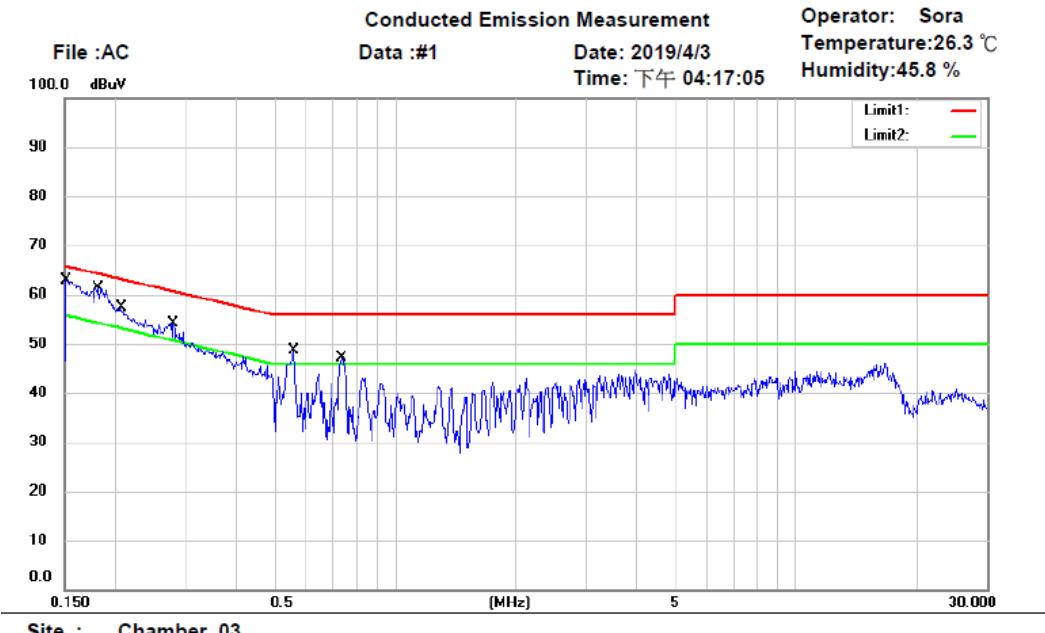
Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1514	42.07	QP	9.95	52.02	65.92	-13.90	
	0.1514	27.70	AVG	9.95	37.65	55.92	-18.27	
*	0.1848	45.81	QP	9.93	55.74	64.27	-8.53	
	0.1848	35.09	AVG	9.93	45.02	54.27	-9.25	
	0.2806	36.13	QP	9.91	46.04	60.80	-14.76	
	0.2806	27.44	AVG	9.91	37.35	50.80	-13.45	
	0.5067	35.15	QP	9.90	45.05	56.00	-10.95	
	0.5067	8.03	AVG	9.90	17.93	46.00	-28.07	
	0.5765	37.41	QP	9.91	47.32	56.00	-8.68	
	0.5765	26.01	AVG	9.91	35.92	46.00	-10.08	
	0.7520	36.63	QP	9.91	46.54	56.00	-9.46	
	0.7520	25.54	AVG	9.91	35.45	46.00	-10.55	



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

Registration number: W6D22211-22274-C-1

FCC ID: 2ANCG-CS63031



Site : Chamber\_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M21902-18803

Power : 120 Va.c.

M/N:

Test Mode :

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1508	42.19	QP	9.95	52.14	65.96	-13.82	
	0.1508	24.56	AVG	9.95	34.51	55.96	-21.45	
	0.1824	46.41	QP	9.93	56.34	64.38	-8.04	
	0.1824	34.93	AVG	9.93	44.86	54.38	-9.52	
	0.2080	36.59	QP	9.92	46.51	63.28	-16.77	
	0.2080	26.32	AVG	9.92	36.24	53.28	-17.04	
	0.2793	38.23	QP	9.91	48.14	60.84	-12.70	
	0.2793	28.31	AVG	9.91	38.22	50.84	-12.62	
	0.5585	35.67	QP	9.90	45.57	56.00	-10.43	
*	0.5585	28.94	AVG	9.90	38.84	46.00	-7.16	
	0.7384	35.45	QP	9.91	45.36	56.00	-10.64	
	0.7384	28.79	AVG	9.91	38.70	46.00	-7.30	

Note: 1. The formula of measured value as: Test Result = Reading + Correction Factor

2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss

3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average

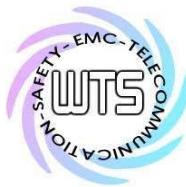
4. All not in the table noted test results are more than 20 dB below the relevant limits.

5. Up Line: QP Limit Line, Down Line: Ave Limit Line.

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.



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

Registration number: W6D22211-22274-C-1  
FCC ID: 2ANCG-CS63031

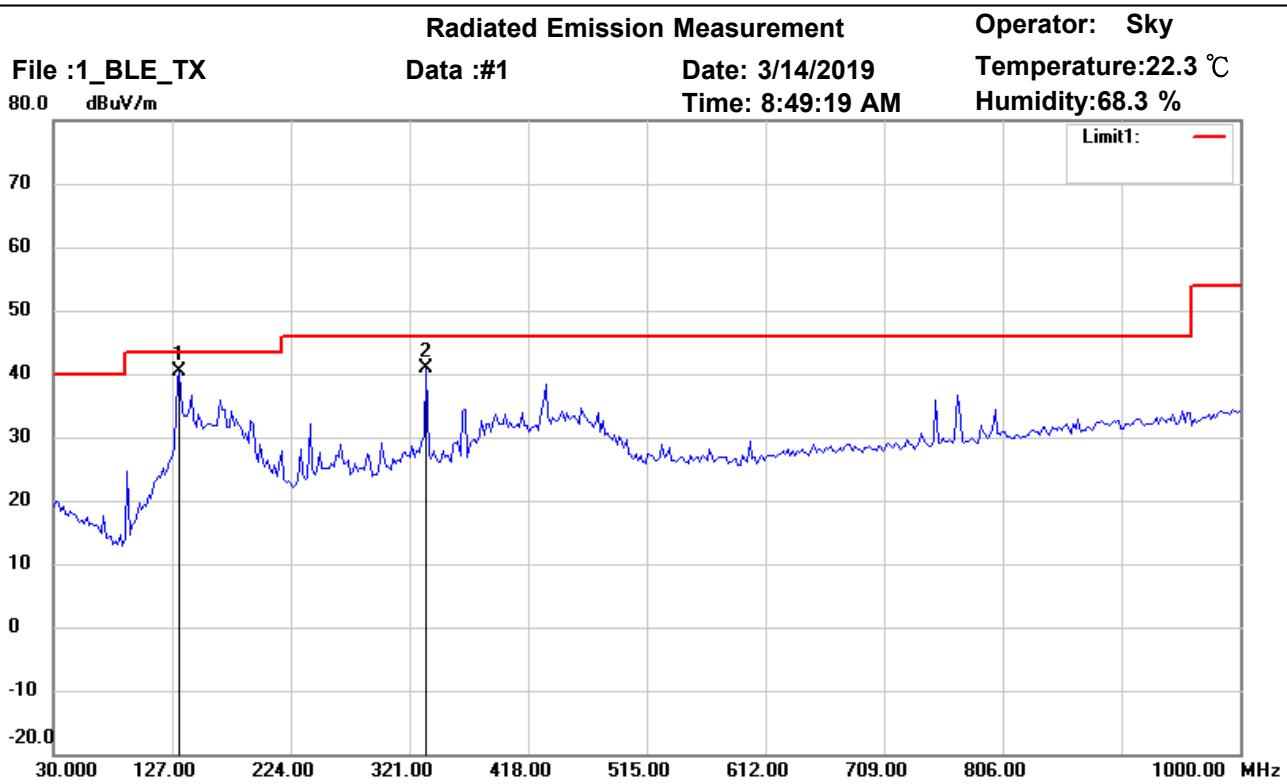
## Appendix

### **A Photos**

1. External Photos
2. Internal Photos
3. Set Up Photo of Radiated Emission
4. Set Up Photo of Conducted Emission

### **B Measurement diagrams**

Spurious Emissions radiated



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

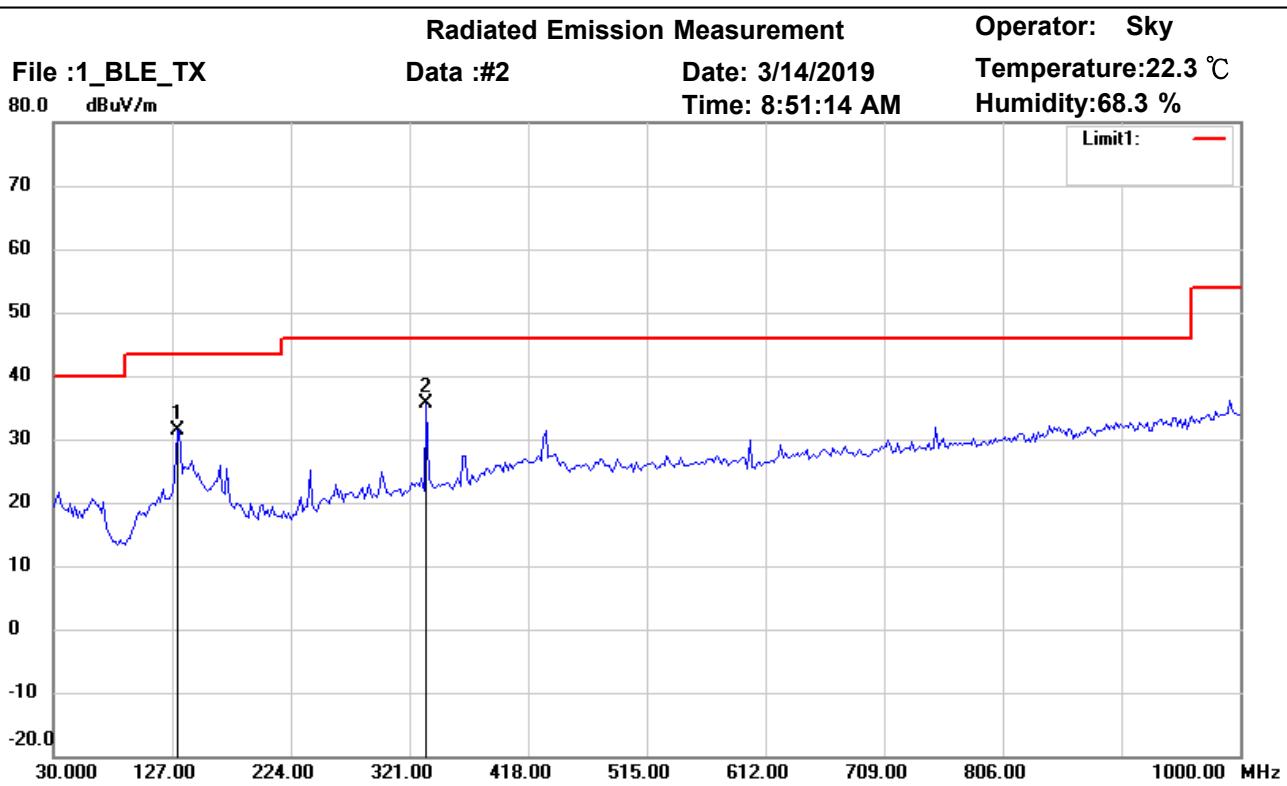
Test Mode : TX 2402MHz

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
*	133.0261	46.63	peak	-6.35	40.28	43.50	100	115	-3.22	
	335.1904	45.72	peak	-4.87	40.85	46.00	100	55	-5.15	



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



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

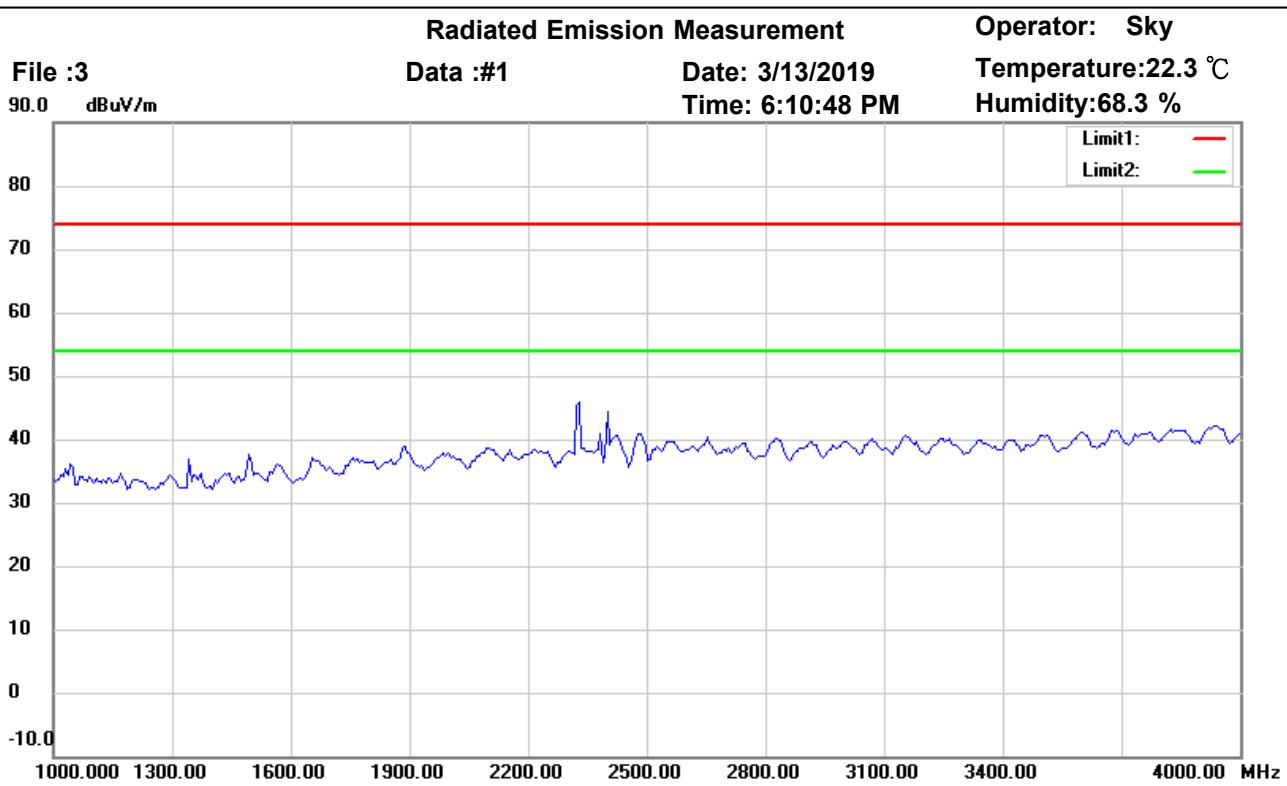
Test Mode : TX 2402MHz

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
	131.0822	37.82	peak	-6.33	31.49	43.50	100	30	-12.01	
*	335.1904	40.56	peak	-4.87	35.69	46.00	100	190	-10.31	



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Fax: +886-2-6606-8879



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

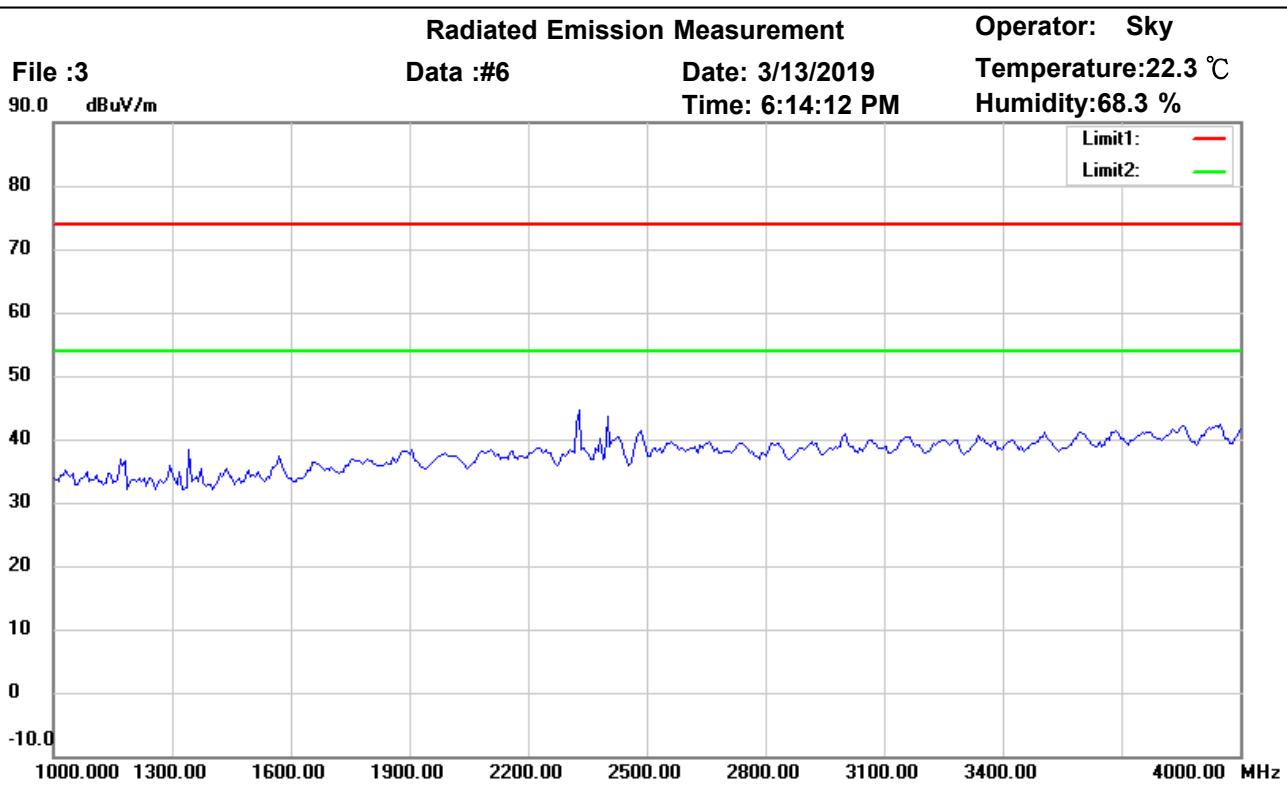
Test Mode : TX 2402MHz

Note :

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



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



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

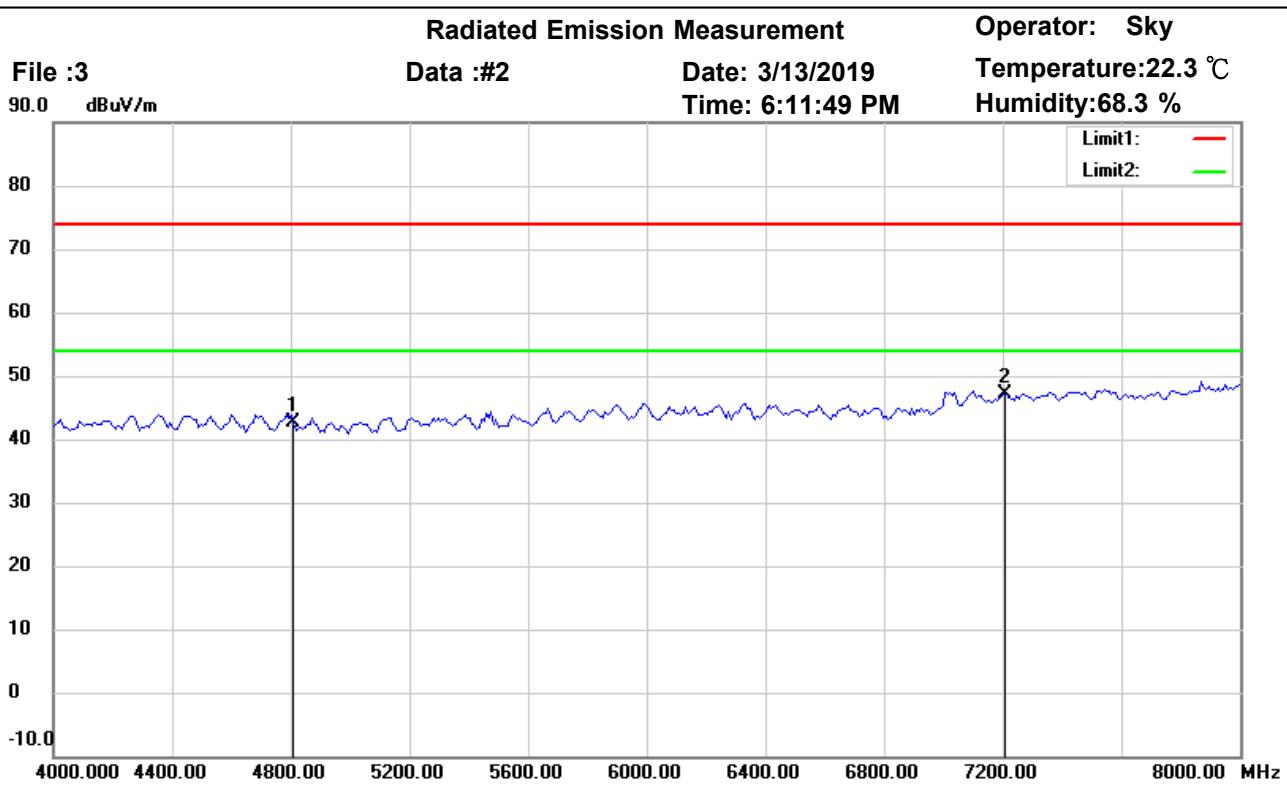
Test Mode : TX 2402MHz

Note :

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



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



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

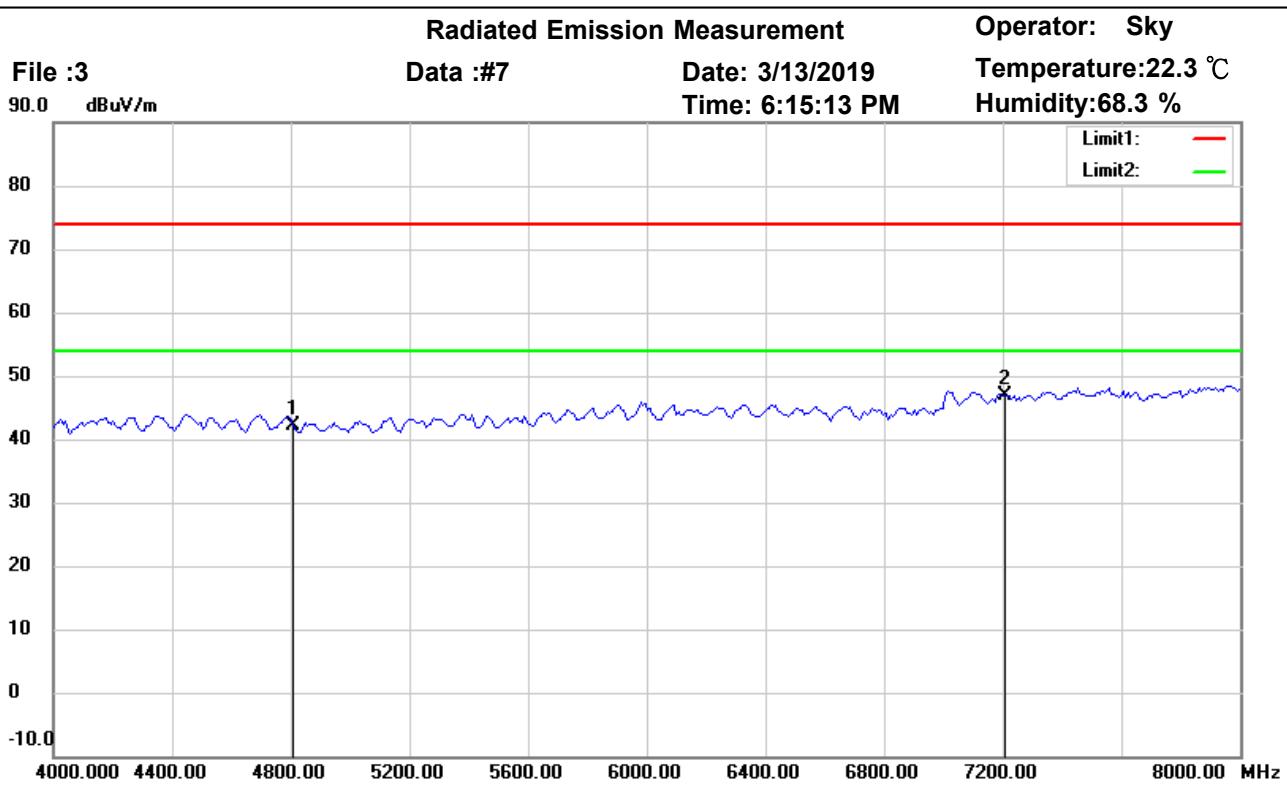
Test Mode : TX 2402MHz

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
	4804.000	41.89	peak	0.75	42.64	74.00	150	115	-31.36	
*	7206.000	41.65	peak	5.38	47.03	74.00	150	295	-26.97	



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



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

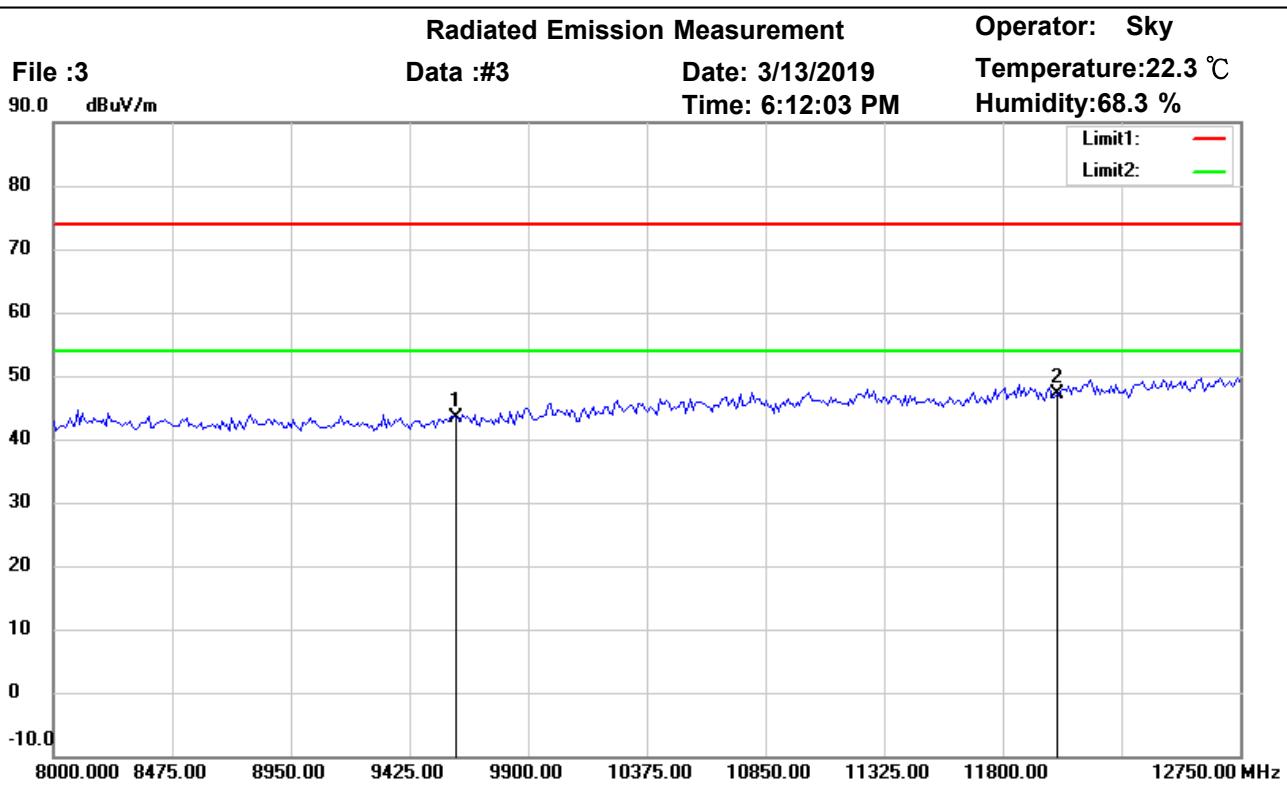
Test Mode : TX 2402MHz

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
	4804.000	41.27	peak	0.75	42.02	74.00	150	30	-31.98	
*	7206.000	41.50	peak	5.38	46.88	74.00	150	140	-27.12	



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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

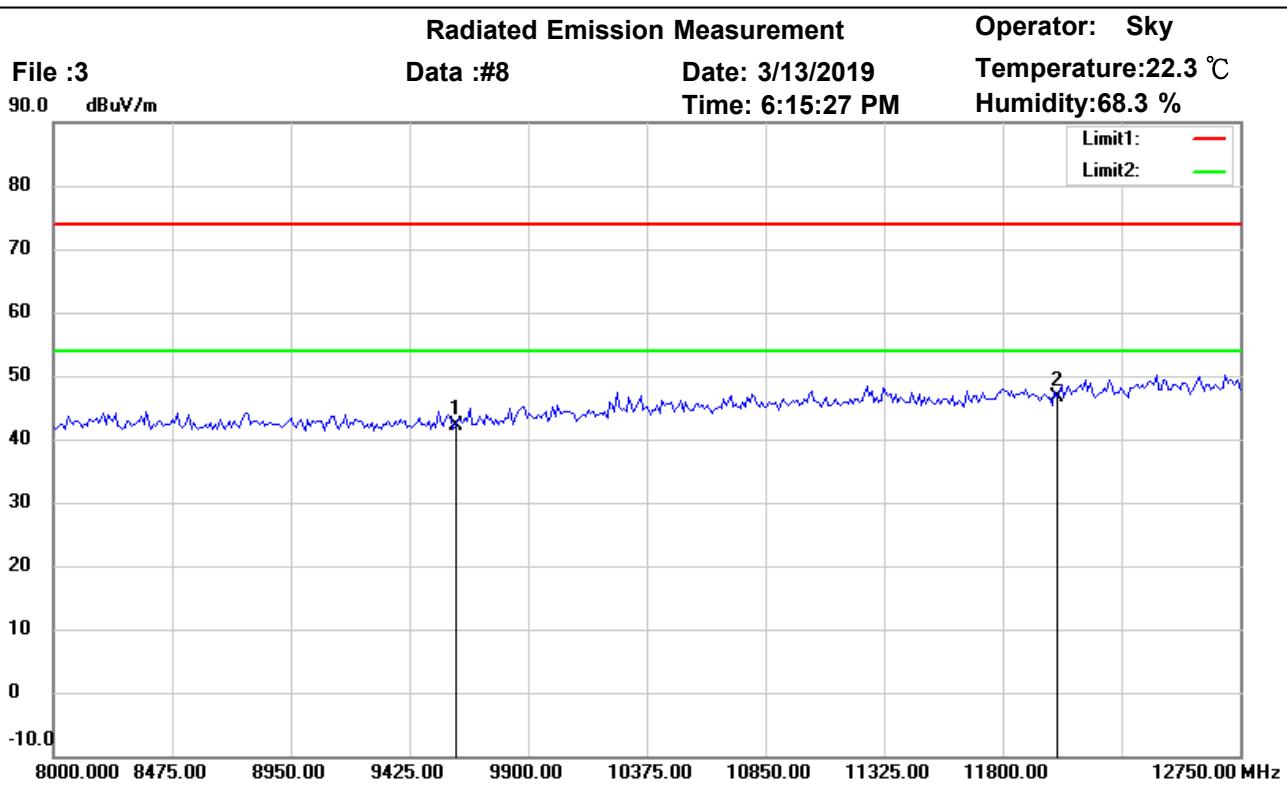
Test Mode : TX 2402MHz

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
	9608.000	35.16	peak	8.25	43.41	74.00	150	140	-30.59	
*	12010.000	33.61	peak	13.50	47.11	74.00	150	95	-26.89	



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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

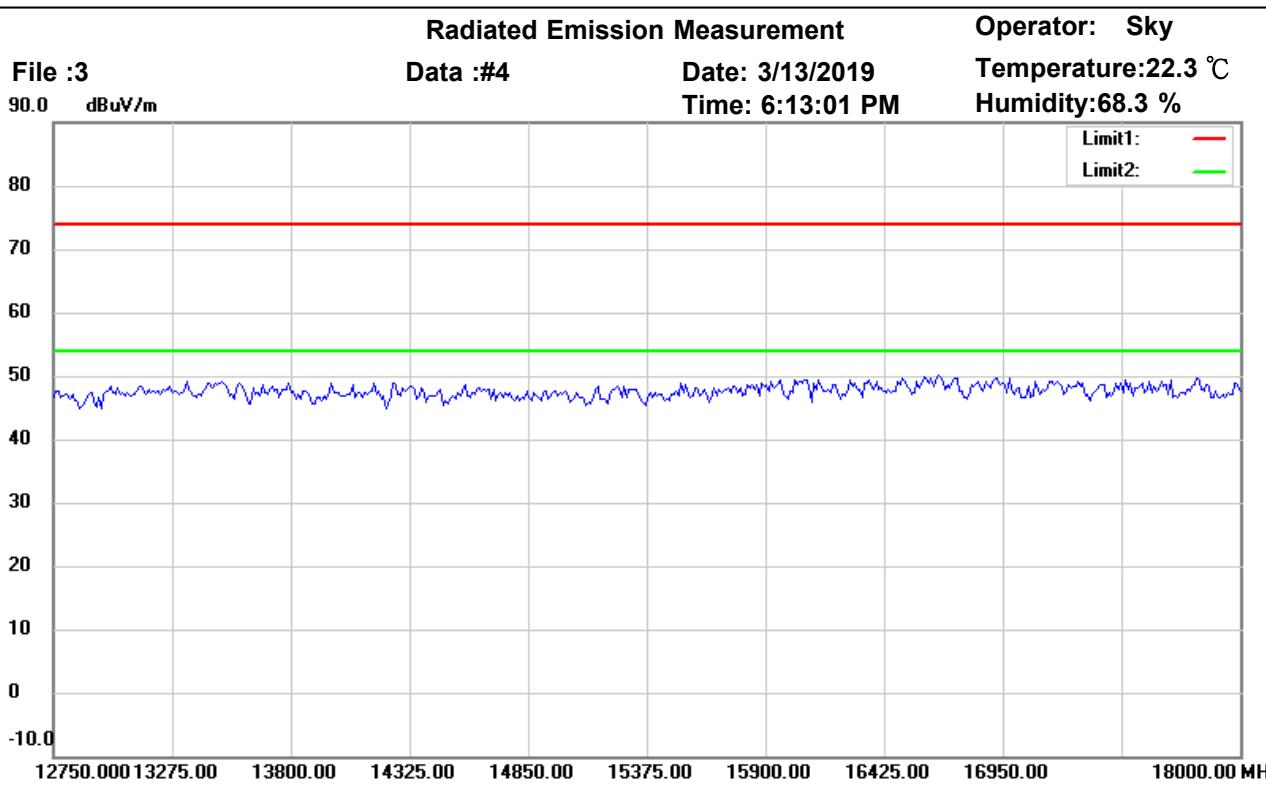
Test Mode : TX 2402MHz

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
	9608.000	33.84	peak	8.25	42.09	74.00	150	70	-31.91	
*	12010.000	33.01	peak	13.50	46.51	74.00	150	190	-27.49	



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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

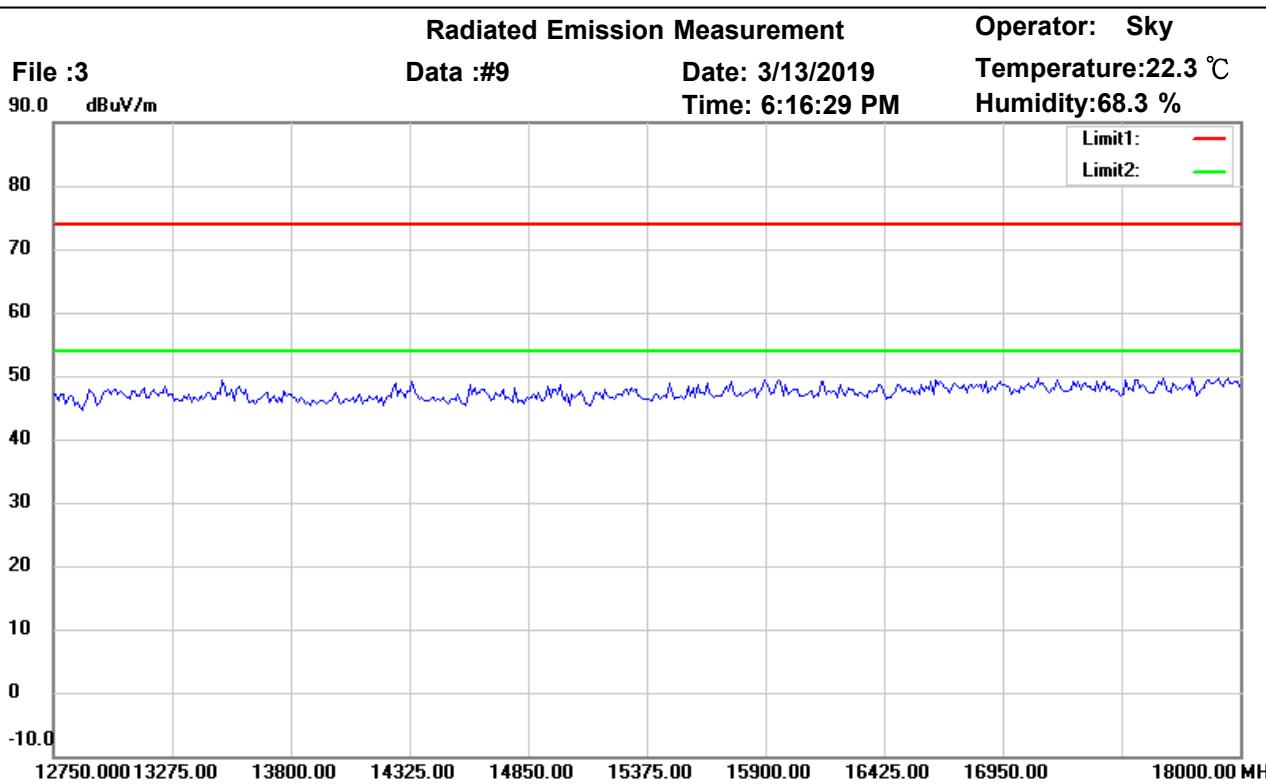
Test Mode : TX 2402MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

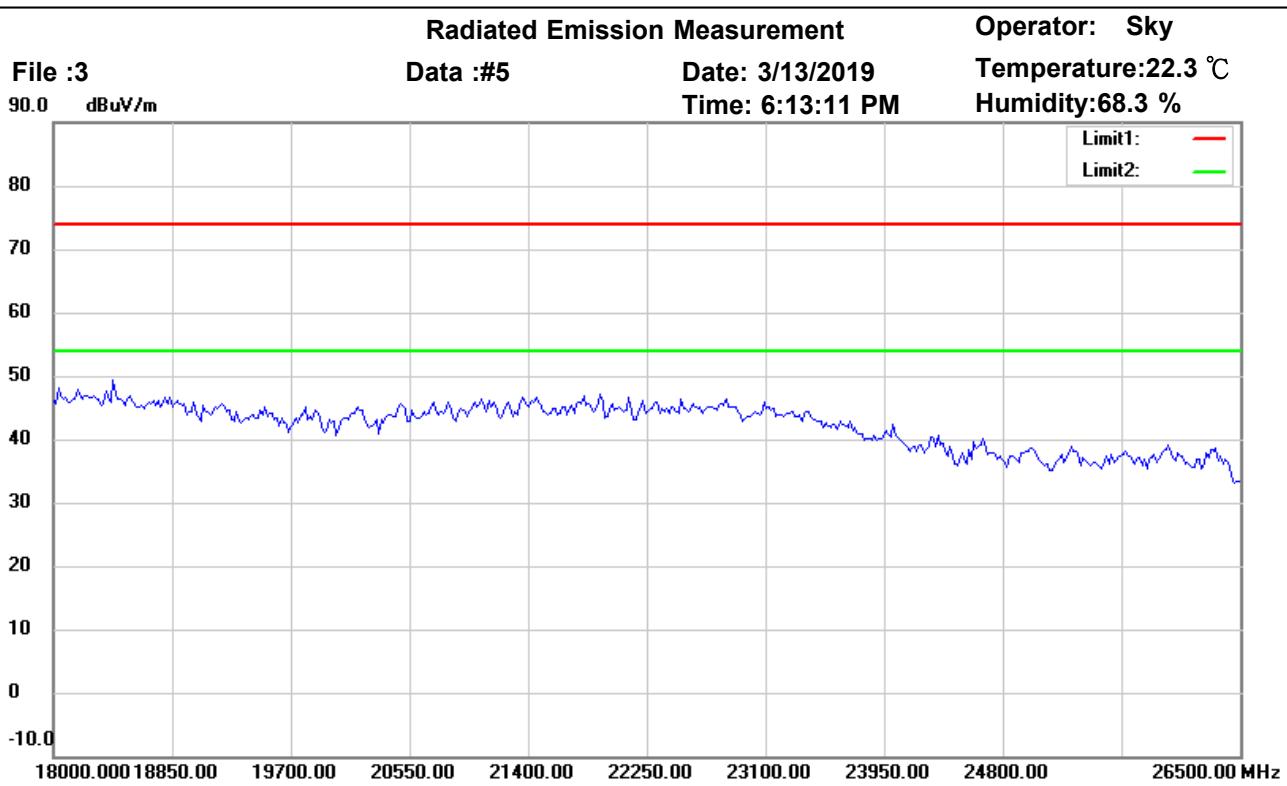
Test Mode : TX 2402MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

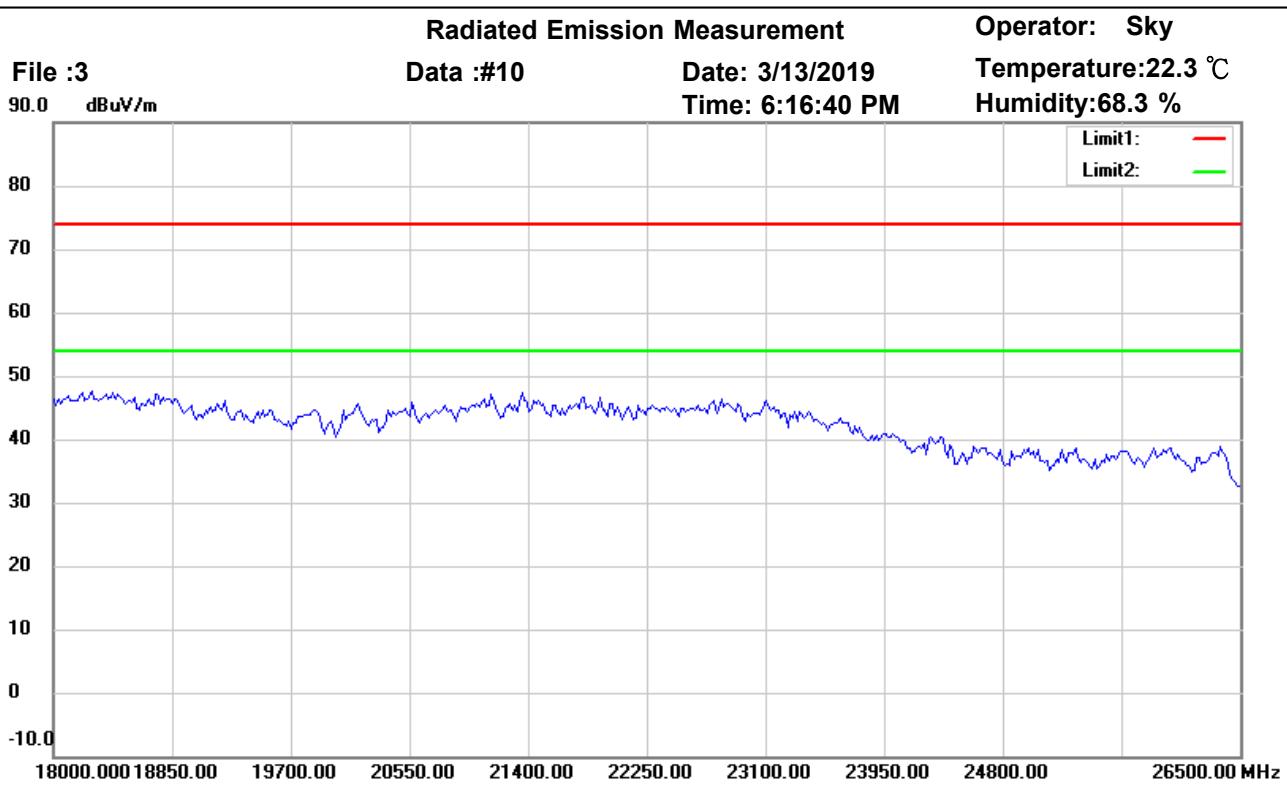
Test Mode : TX 2402MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

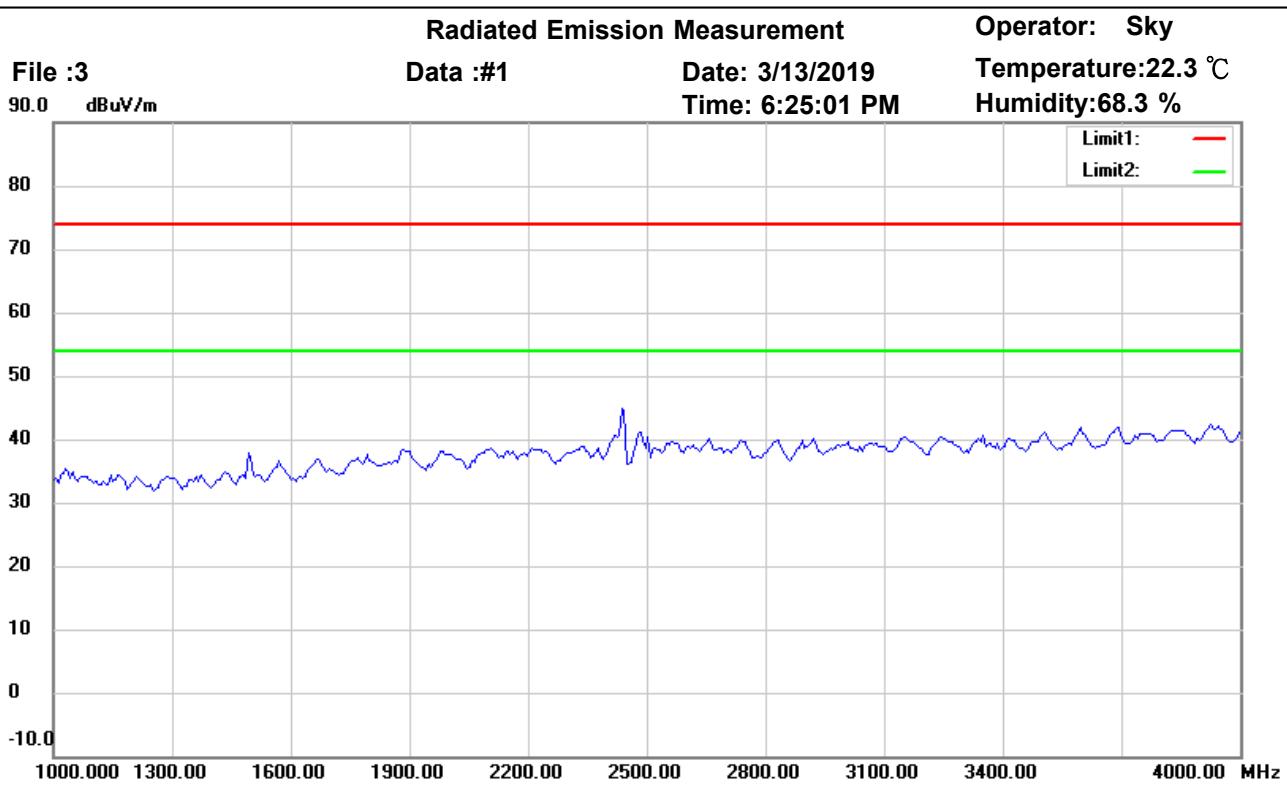
Test Mode : TX 2402MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

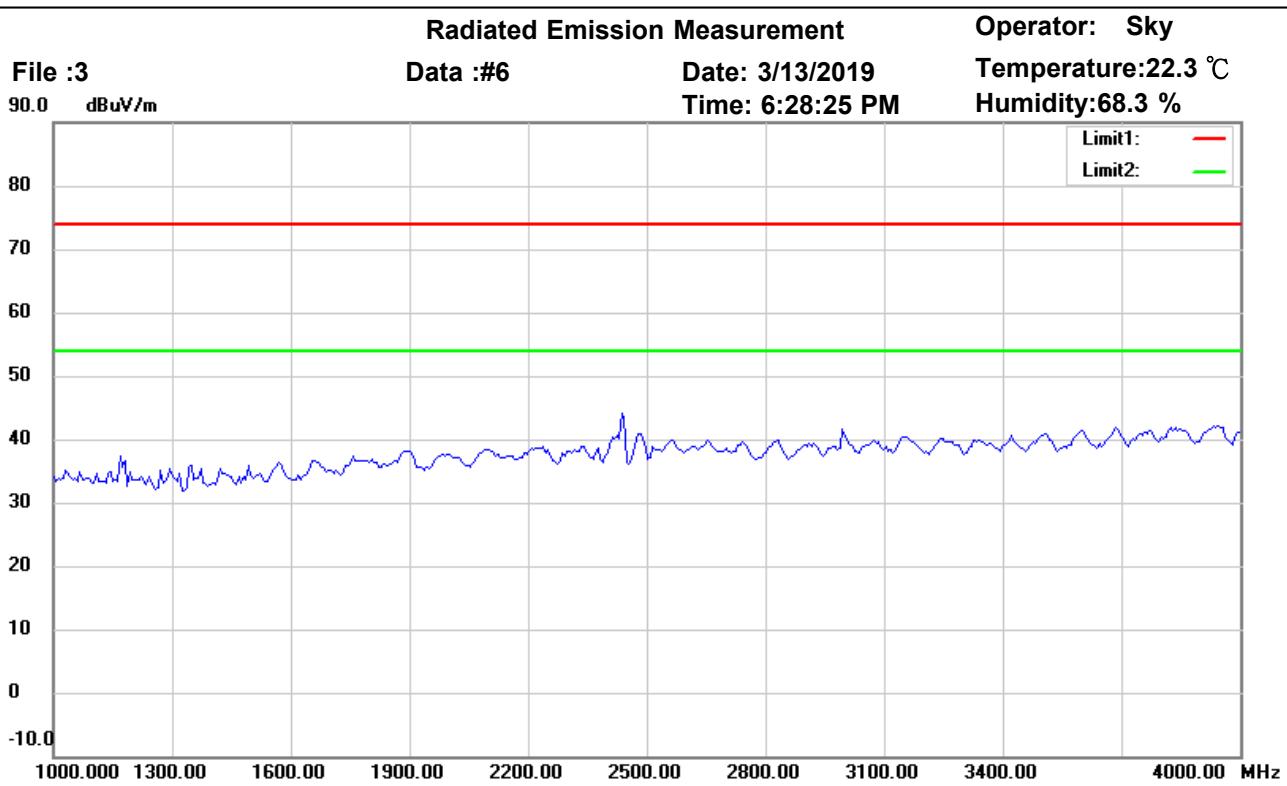
Test Mode : TX 2440MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

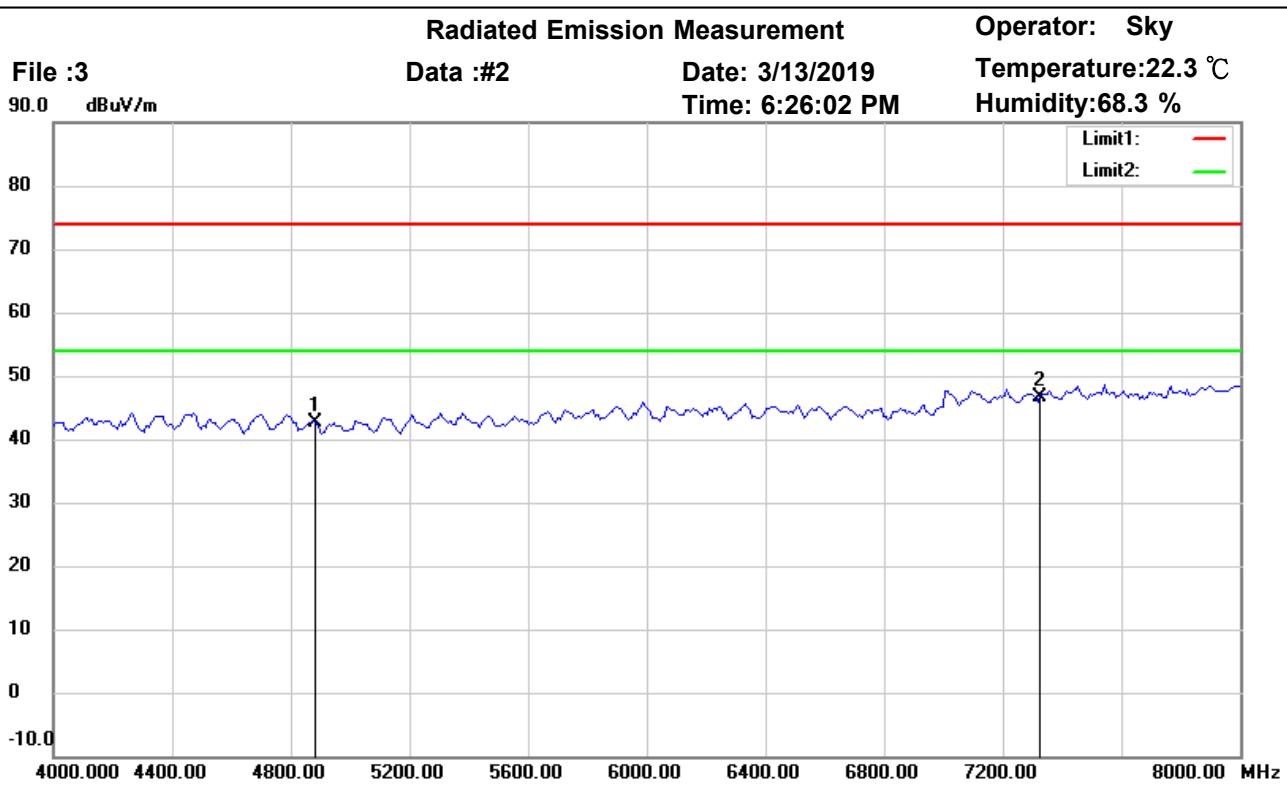
Test Mode : TX 2440MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

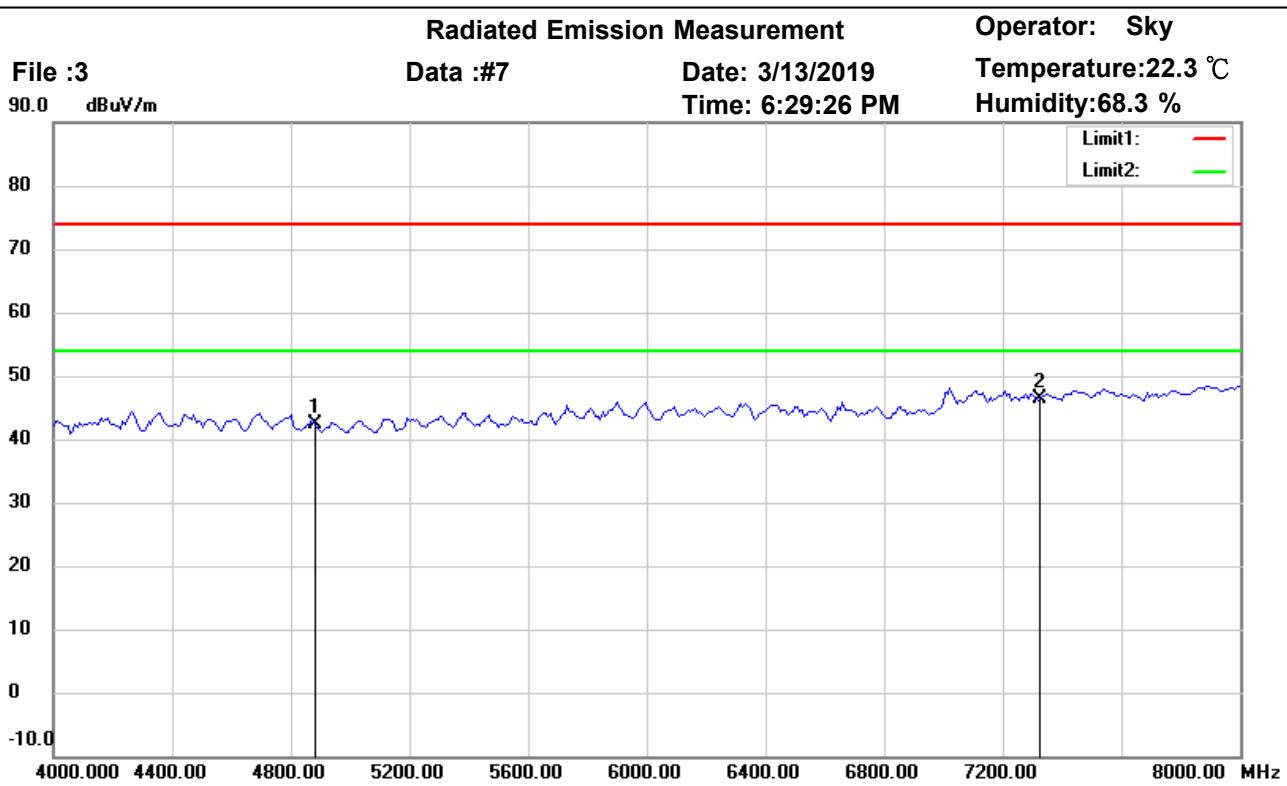
Test Mode : TX 2440MHz

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
	4880.000	42.02	peak	0.69	42.71	74.00	150	130	-31.29	
*	7320.000	41.13	peak	5.62	46.75	74.00	150	60	-27.25	



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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2440MHz

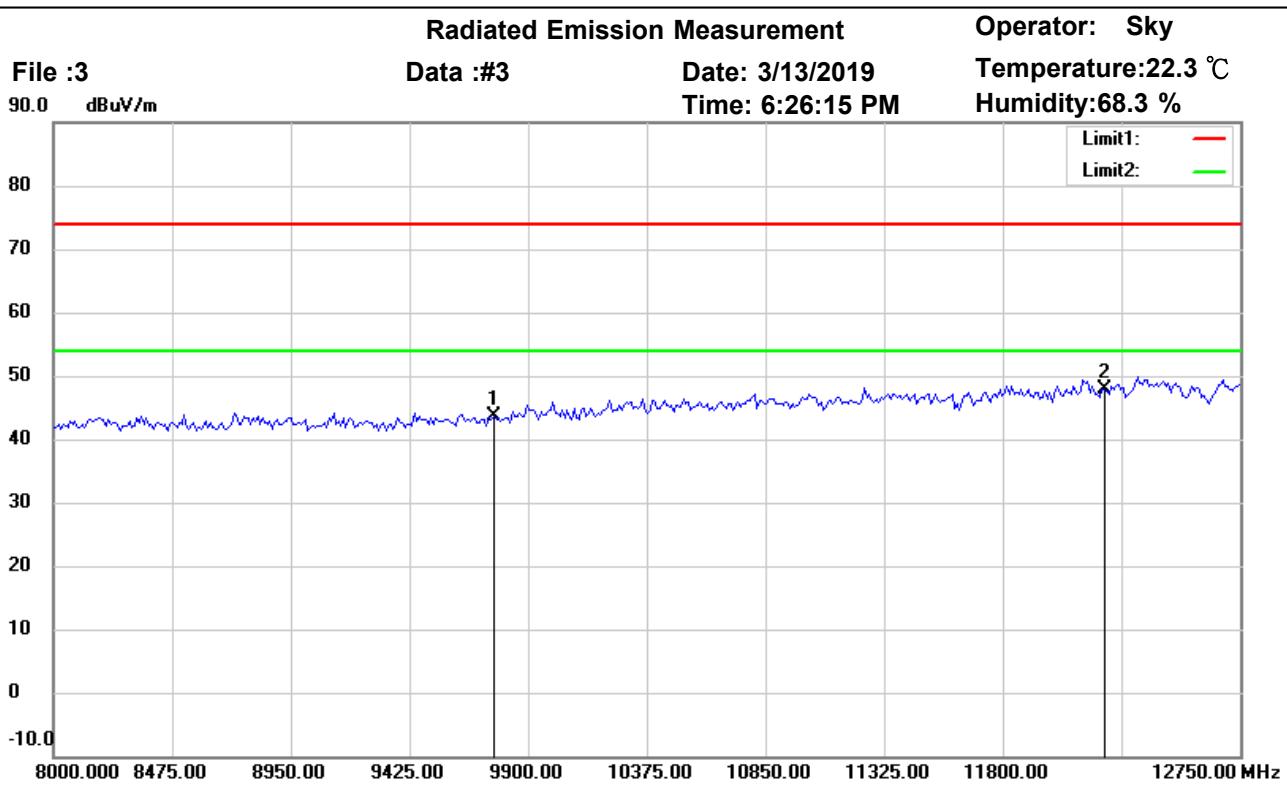
Note :

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
	4880.000	41.81	peak	0.69	42.50	74.00	150	95	-31.50	
*	7320.000	40.73	peak	5.62	46.35	74.00	150	105	-27.65	

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



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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

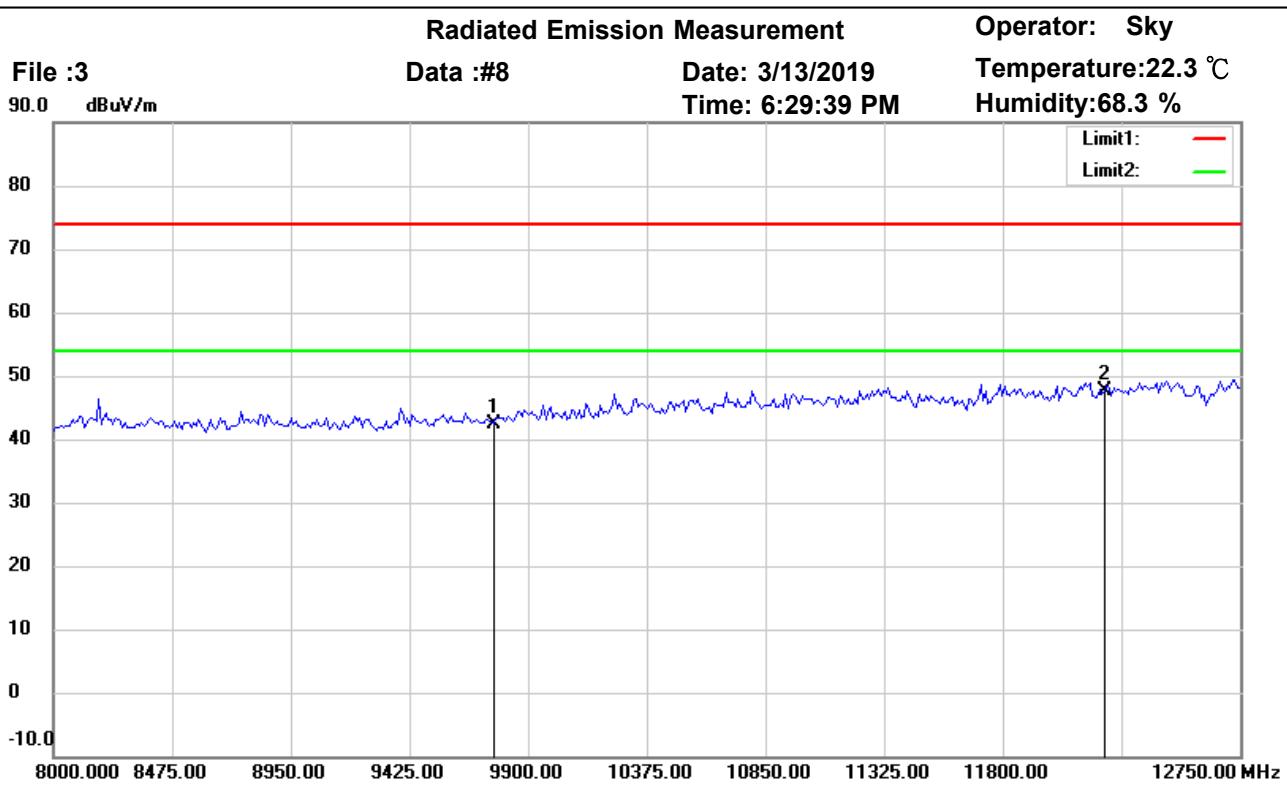
Test Mode : TX 2440MHz

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
	9760.000	35.06	peak	8.64	43.70	74.00	150	105	-30.30	
*	12200.000	32.67	peak	15.24	47.91	74.00	150	215	-26.09	



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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

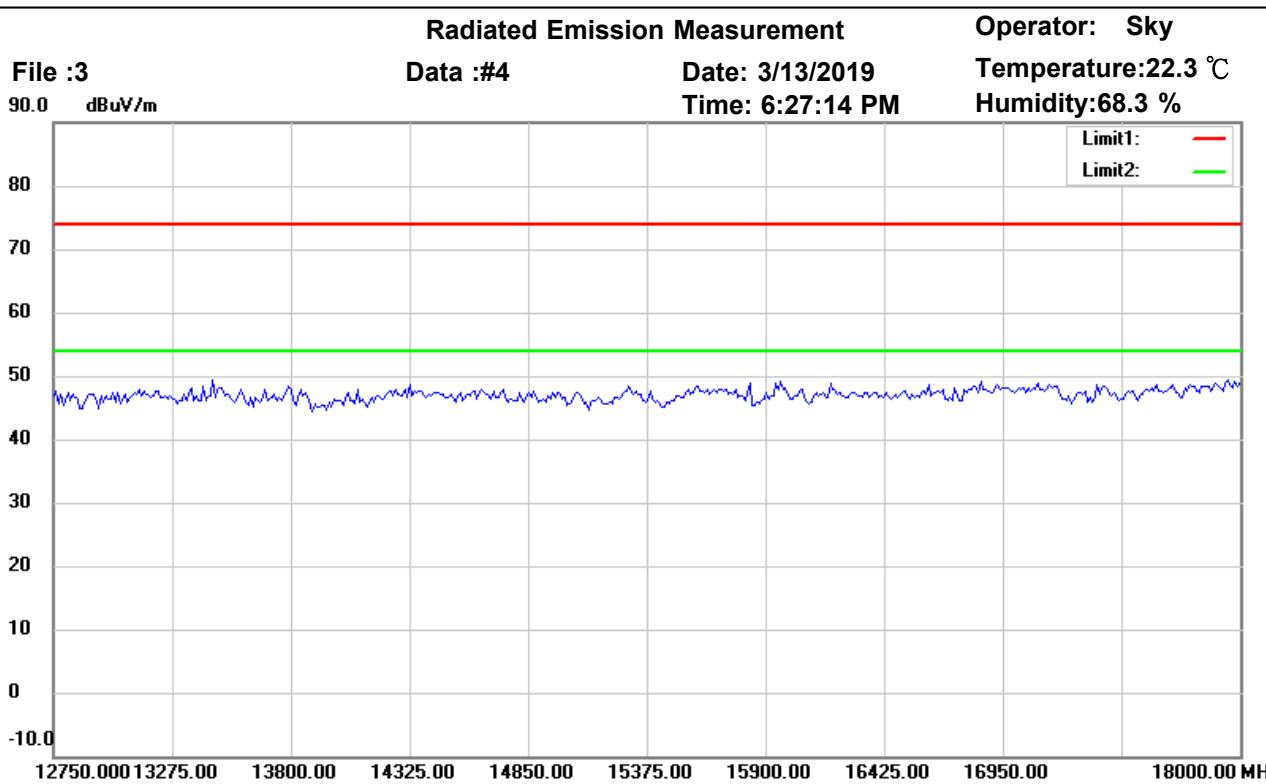
Test Mode : TX 2440MHz

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
	9760.000	33.74	peak	8.64	42.38	74.00	150	225	-31.62	
*	12200.000	32.35	peak	15.24	47.59	74.00	150	10	-26.41	



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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

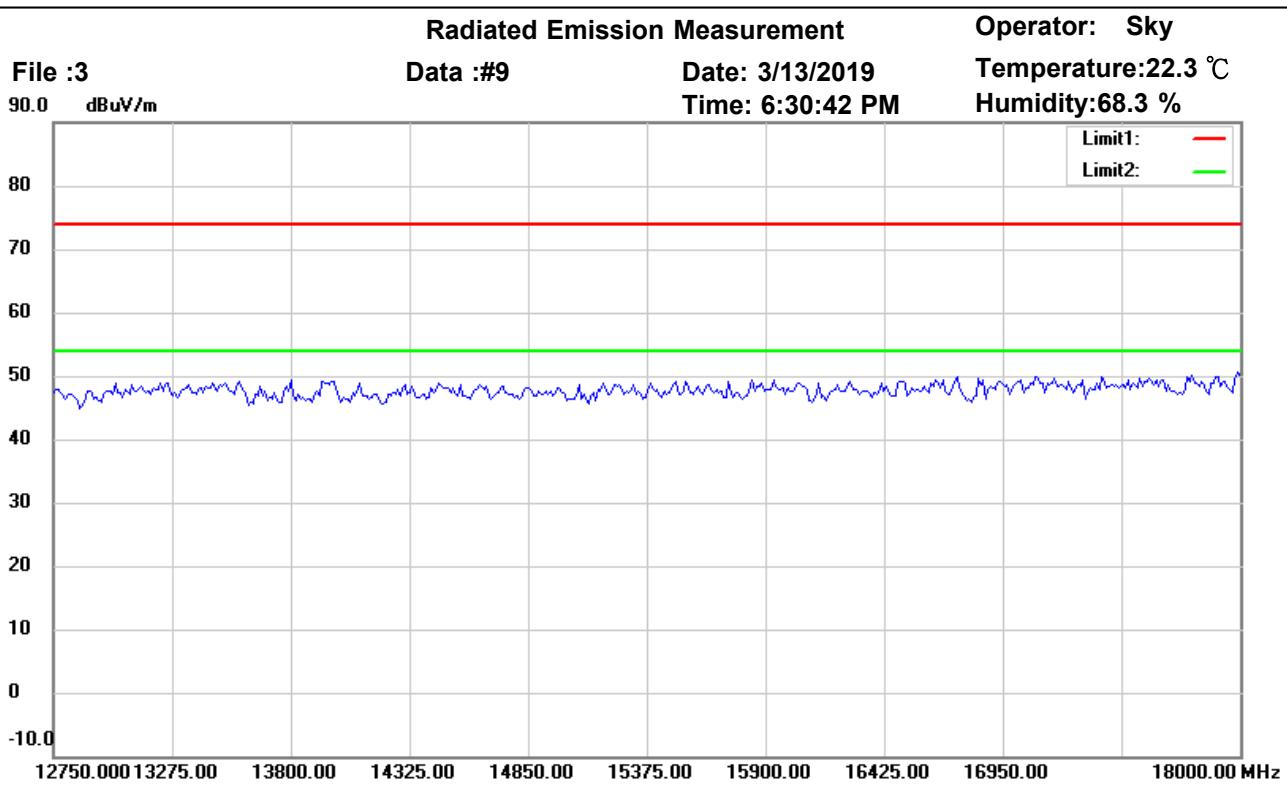
Test Mode : TX 2440MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

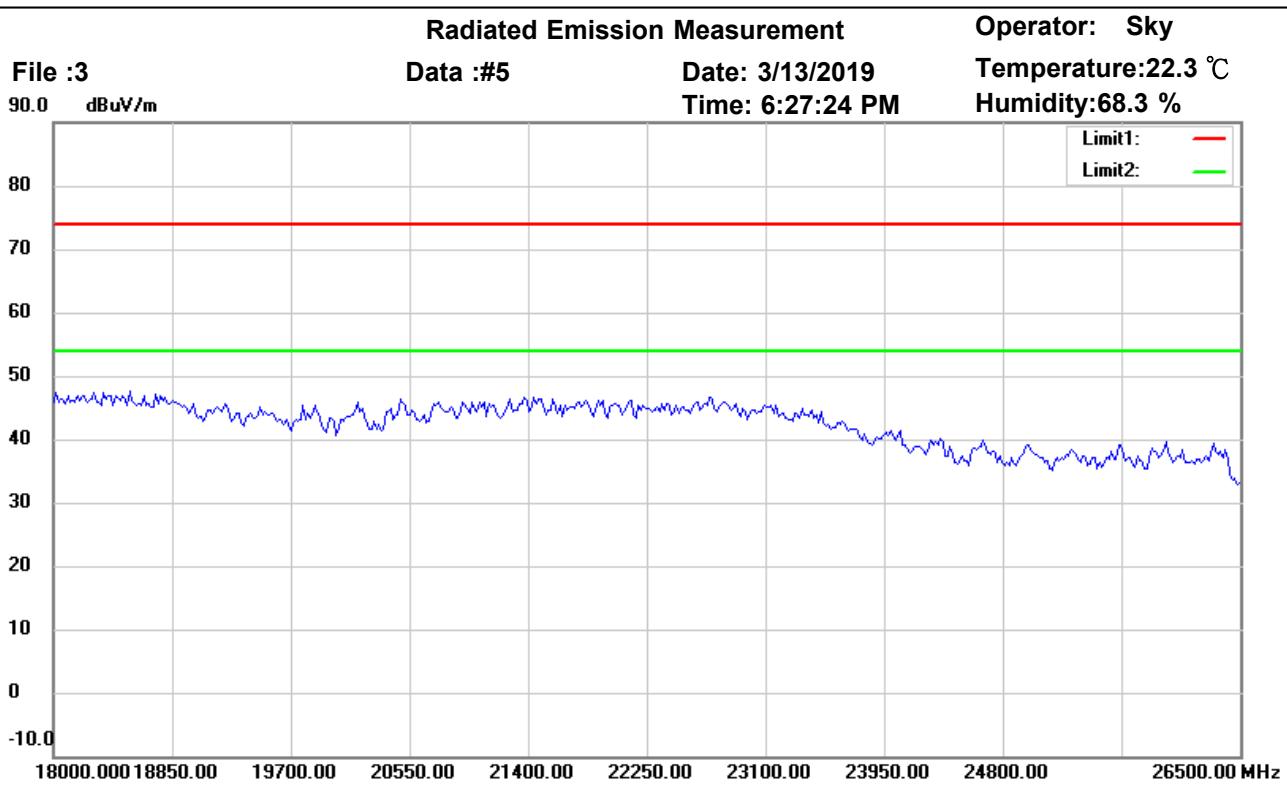
Test Mode : TX 2440MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

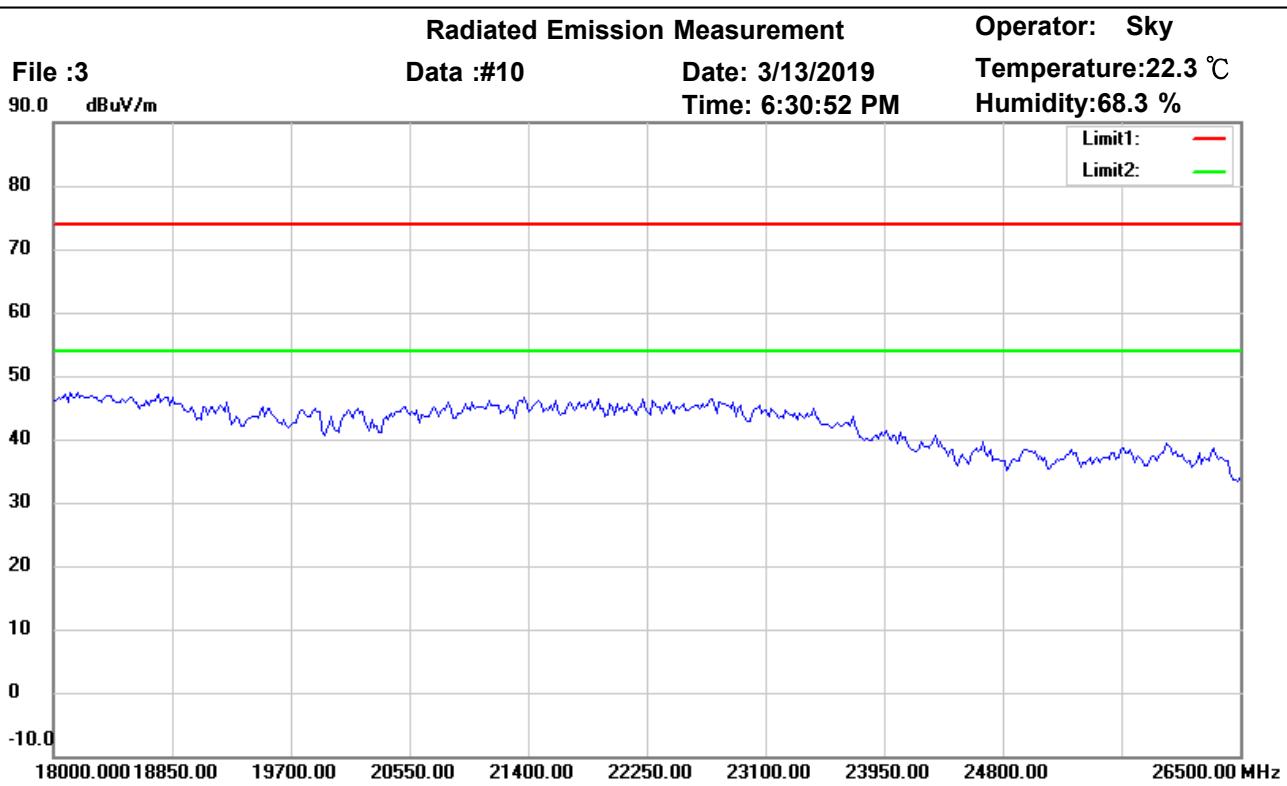
Test Mode : TX 2440MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

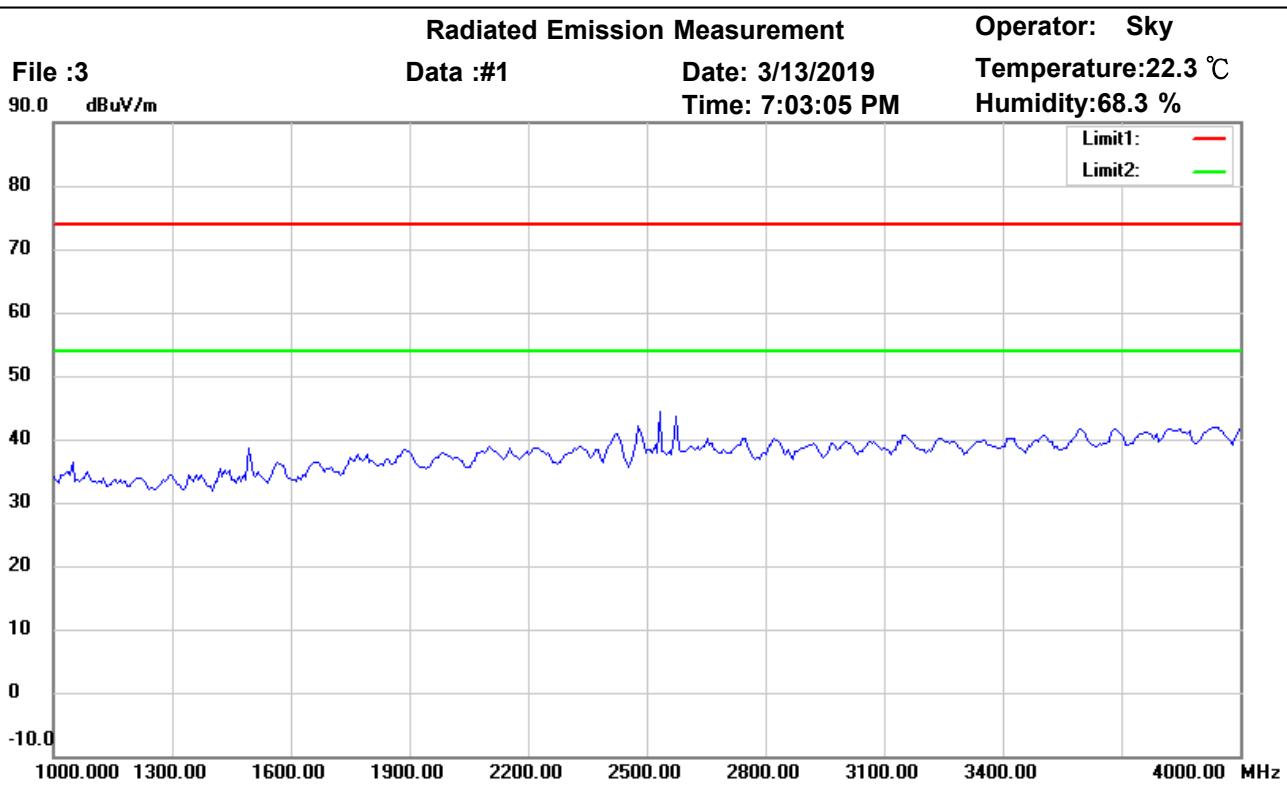
Test Mode : TX 2440MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

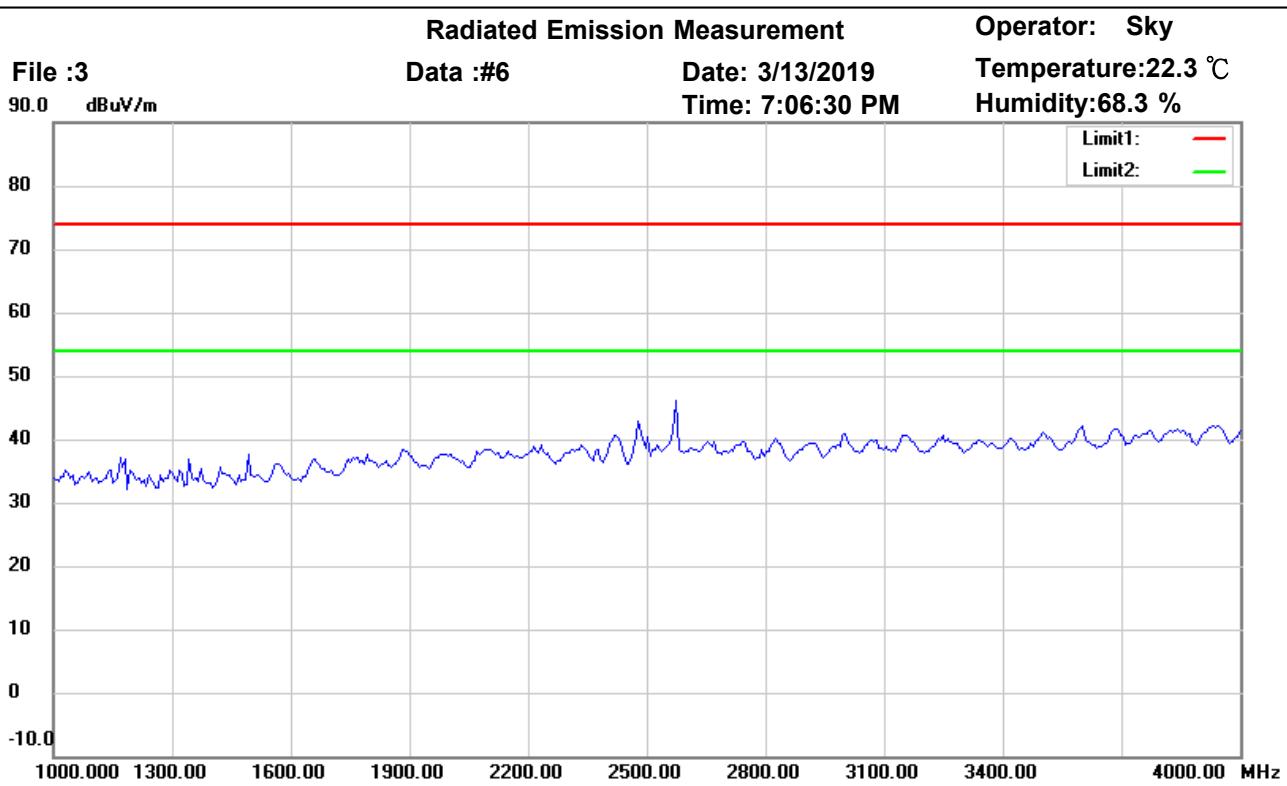
Test Mode : TX 2480MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

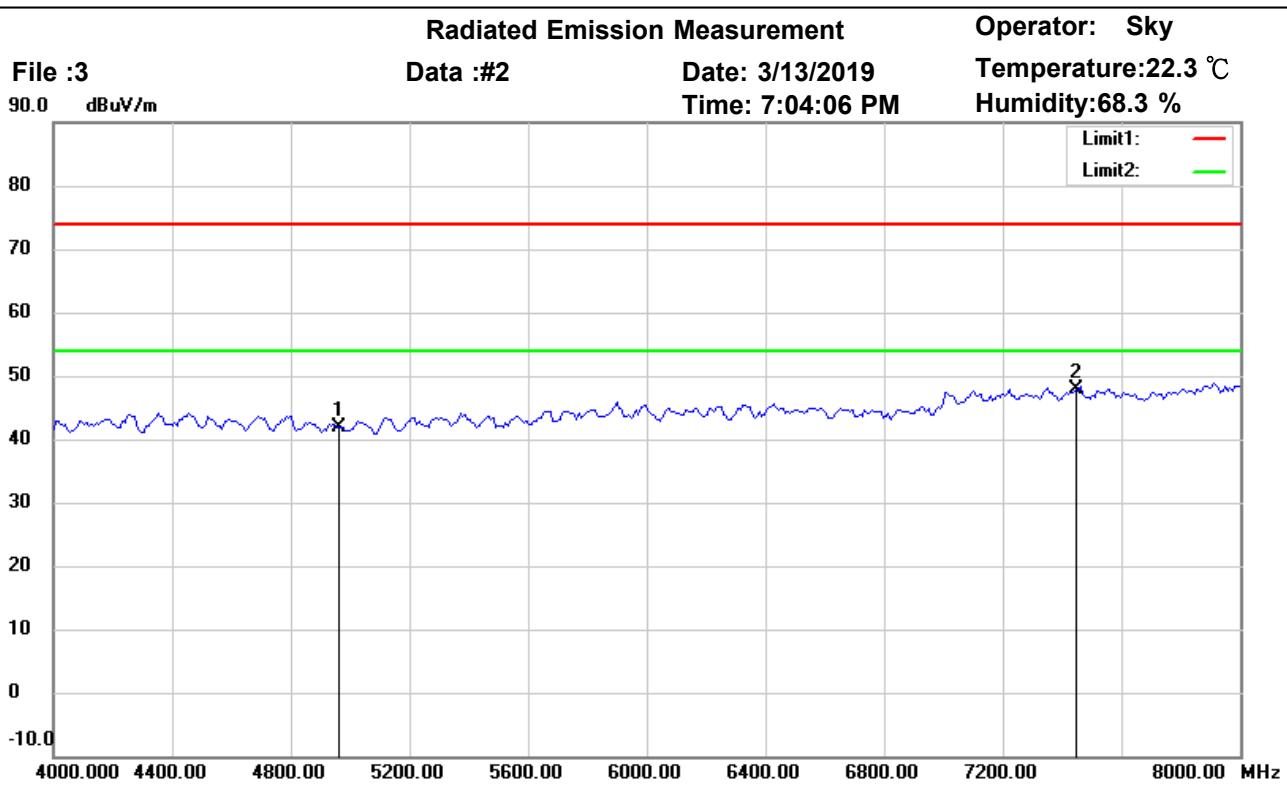
Test Mode : TX 2480MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

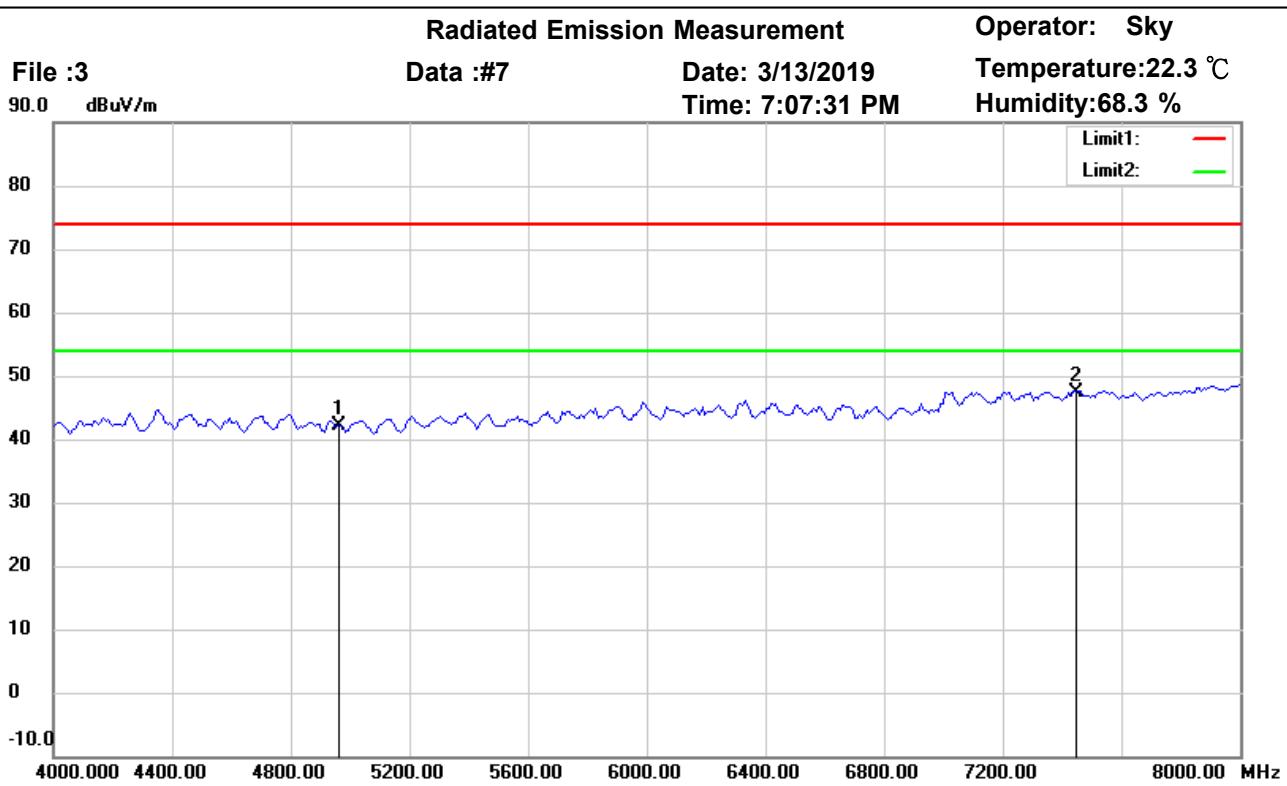
Test Mode : TX 2480MHz

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
	4960.000	41.23	peak	0.77	42.00	74.00	150	225	-32.00	
*	7440.000	41.77	peak	5.99	47.76	74.00	150	170	-26.24	



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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2480MHz

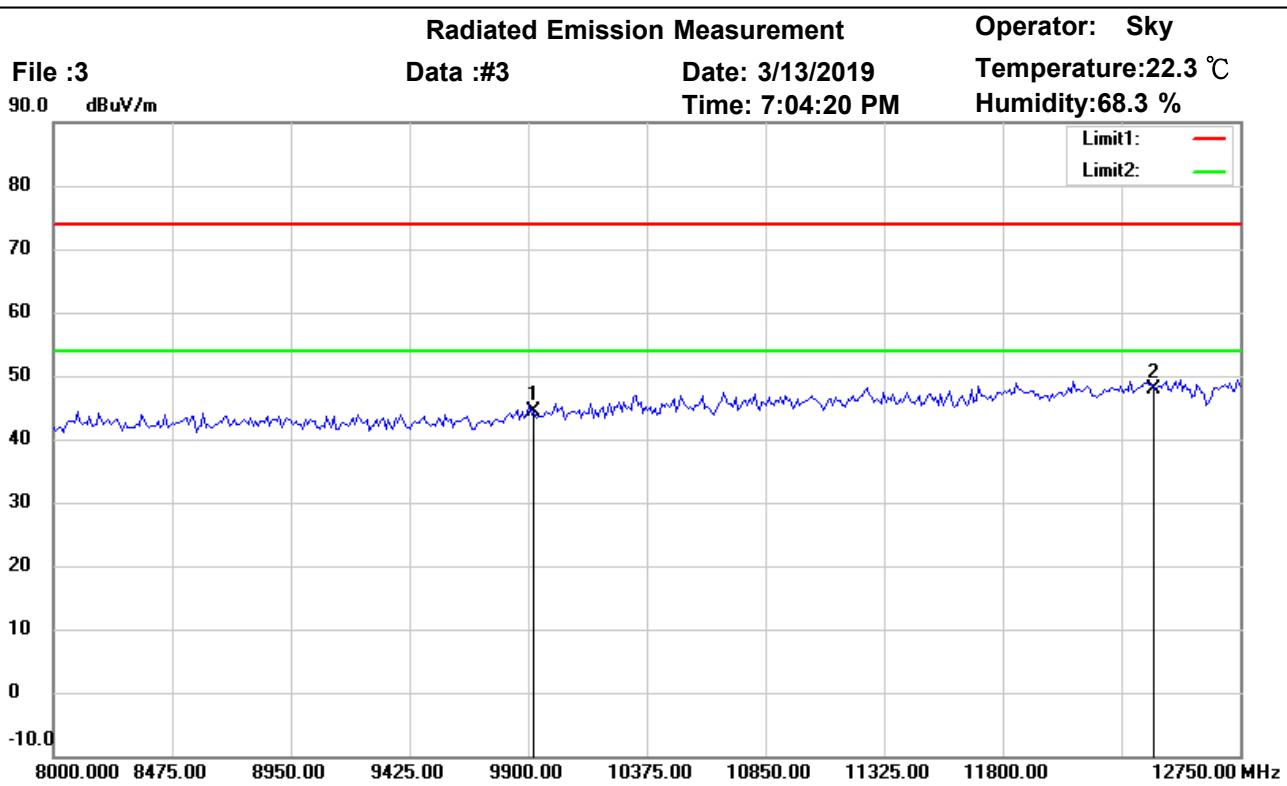
Note :

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
	4960.000	41.25	peak	0.77	42.02	74.00	150	100	-31.98	
*	7440.000	41.48	peak	5.99	47.47	74.00	150	180	-26.53	

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



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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

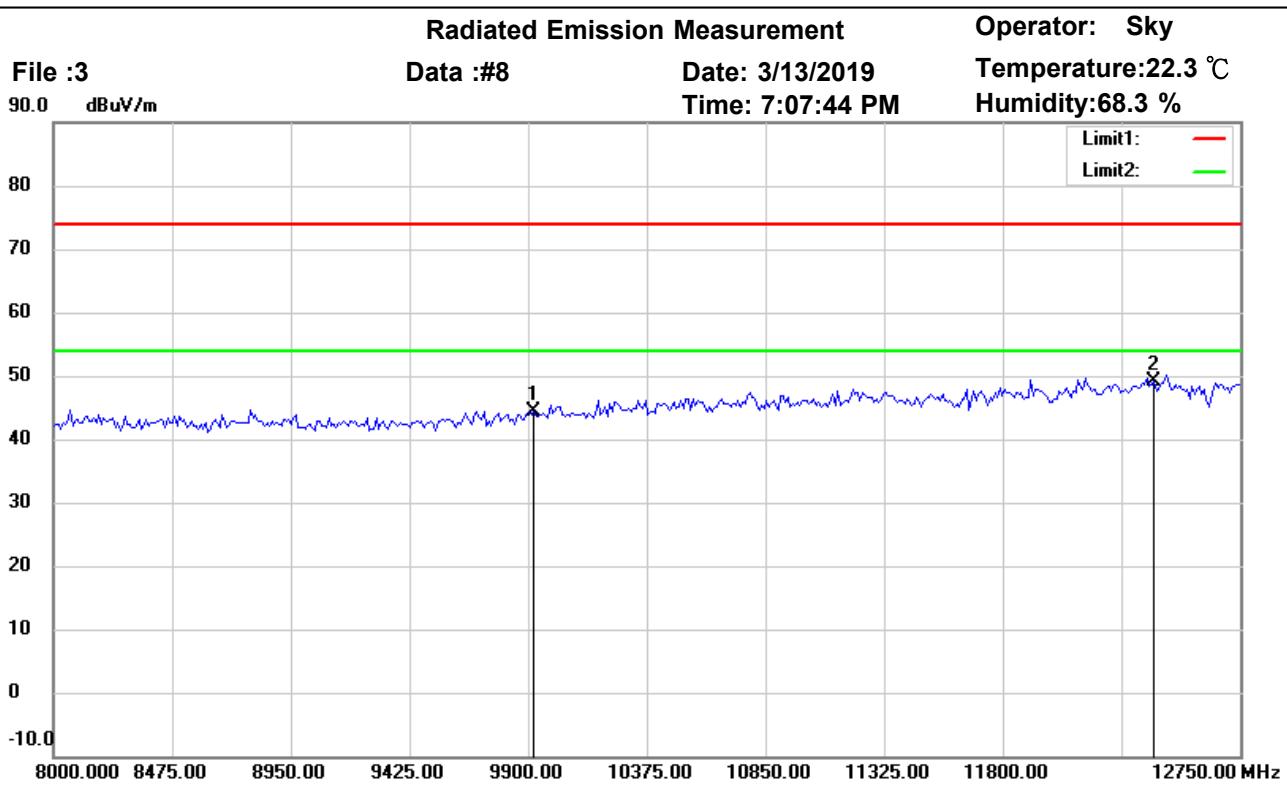
Test Mode : TX 2480MHz

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
	9920.000	34.63	peak	9.70	44.33	74.00	150	160	-29.67	
*	12400.000	32.23	peak	15.76	47.99	74.00	150		-26.01	



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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

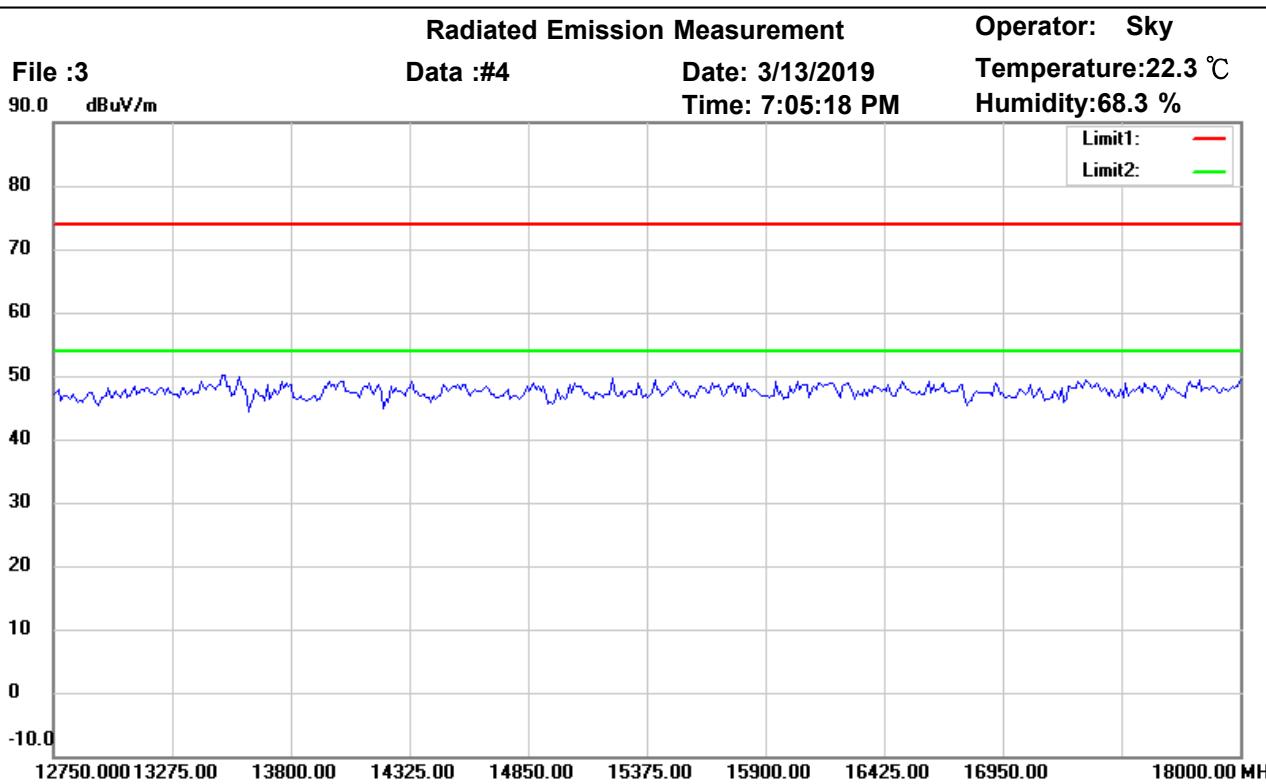
Test Mode : TX 2480MHz

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
	9920.000	34.78	peak	9.70	44.48	74.00	150	105	-29.52	
*	12400.000	33.41	peak	15.76	49.17	74.00	150	310	-24.83	



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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

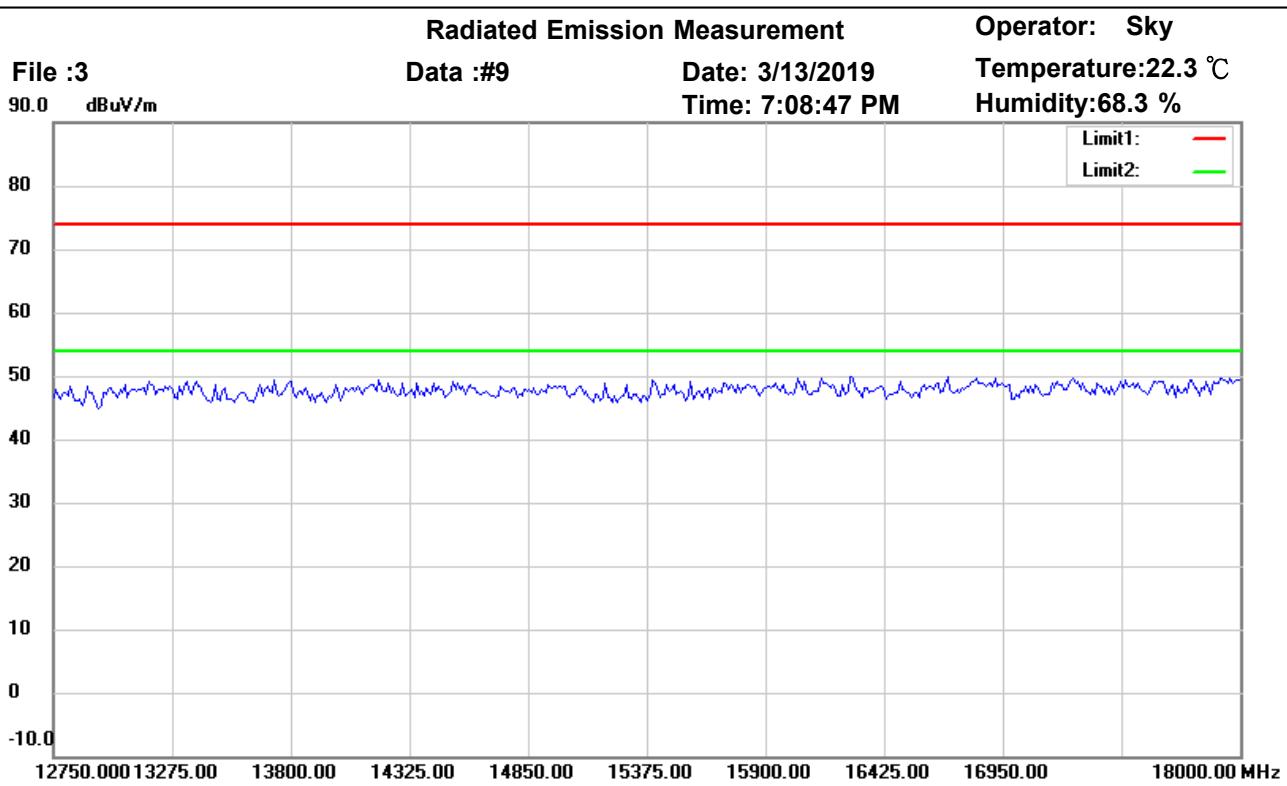
Test Mode : TX 2480MHz

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



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

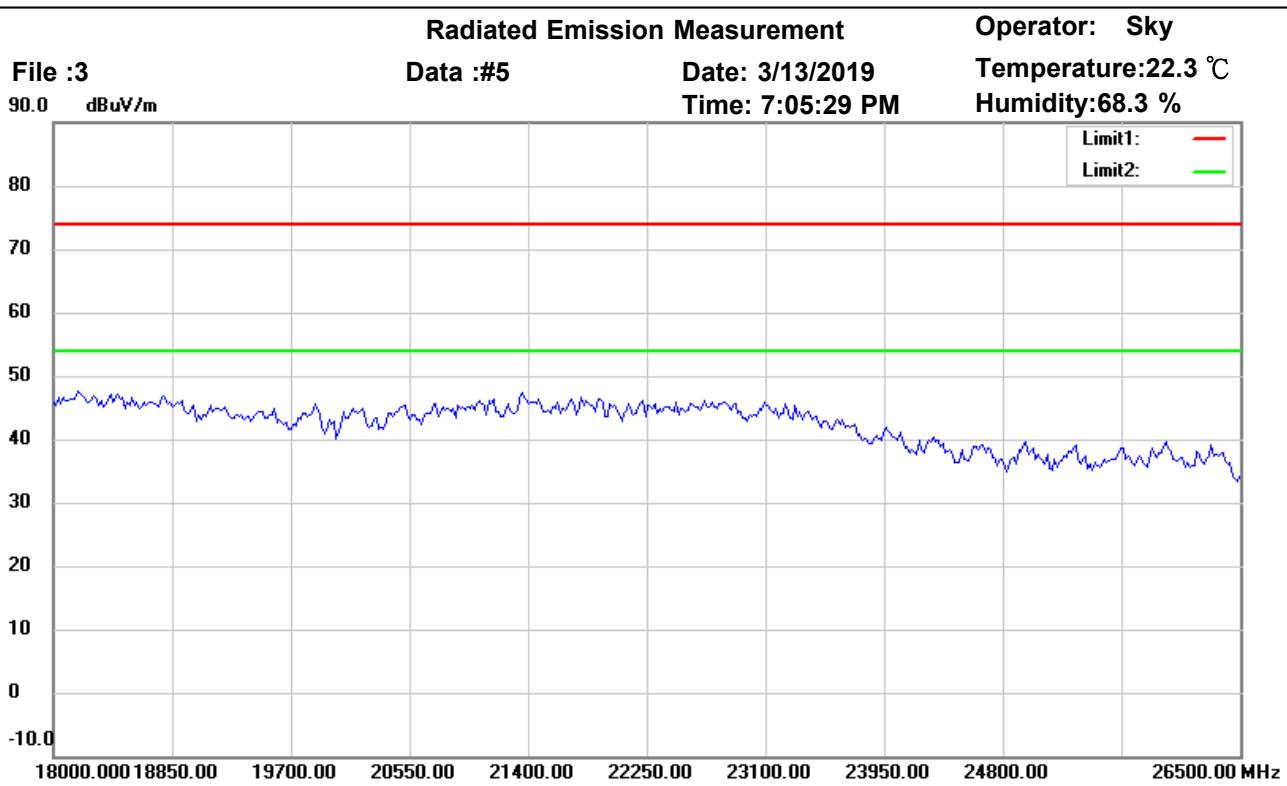
Test Mode : TX 2480MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

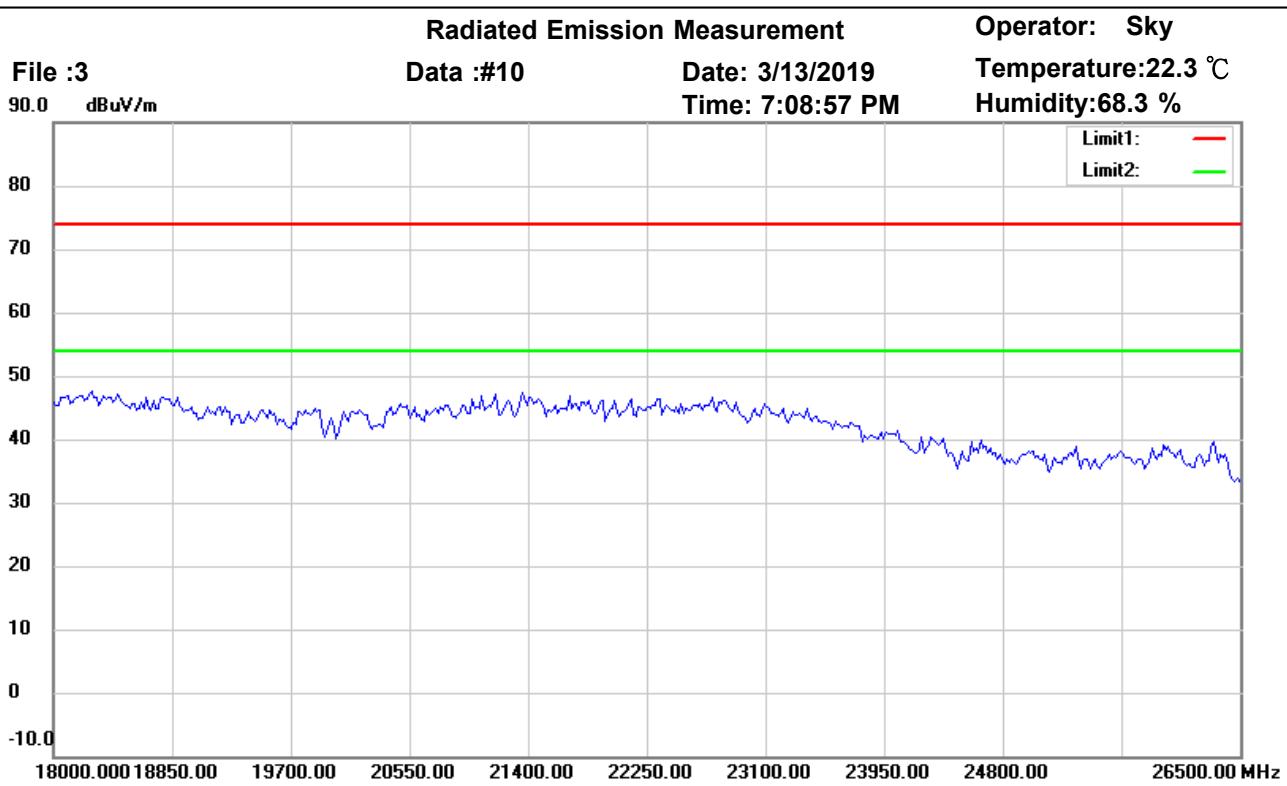
Test Mode : TX 2480MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

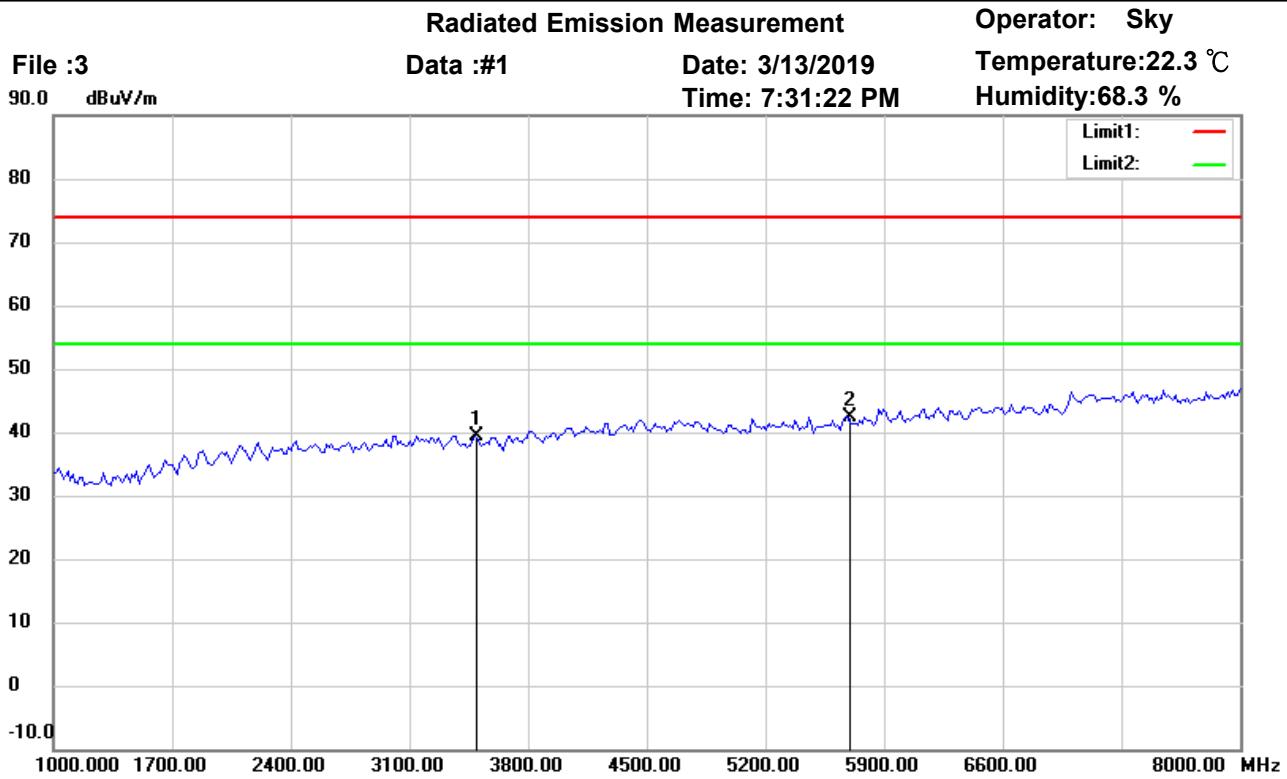
Test Mode : TX 2480MHz

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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**Site :** Chamber

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

**Polarization:** *Horizontal*

**EUT :** W6M21902-18803

**Power :** 5 Vd.c.

**M/N:**

**Distance:** 3m

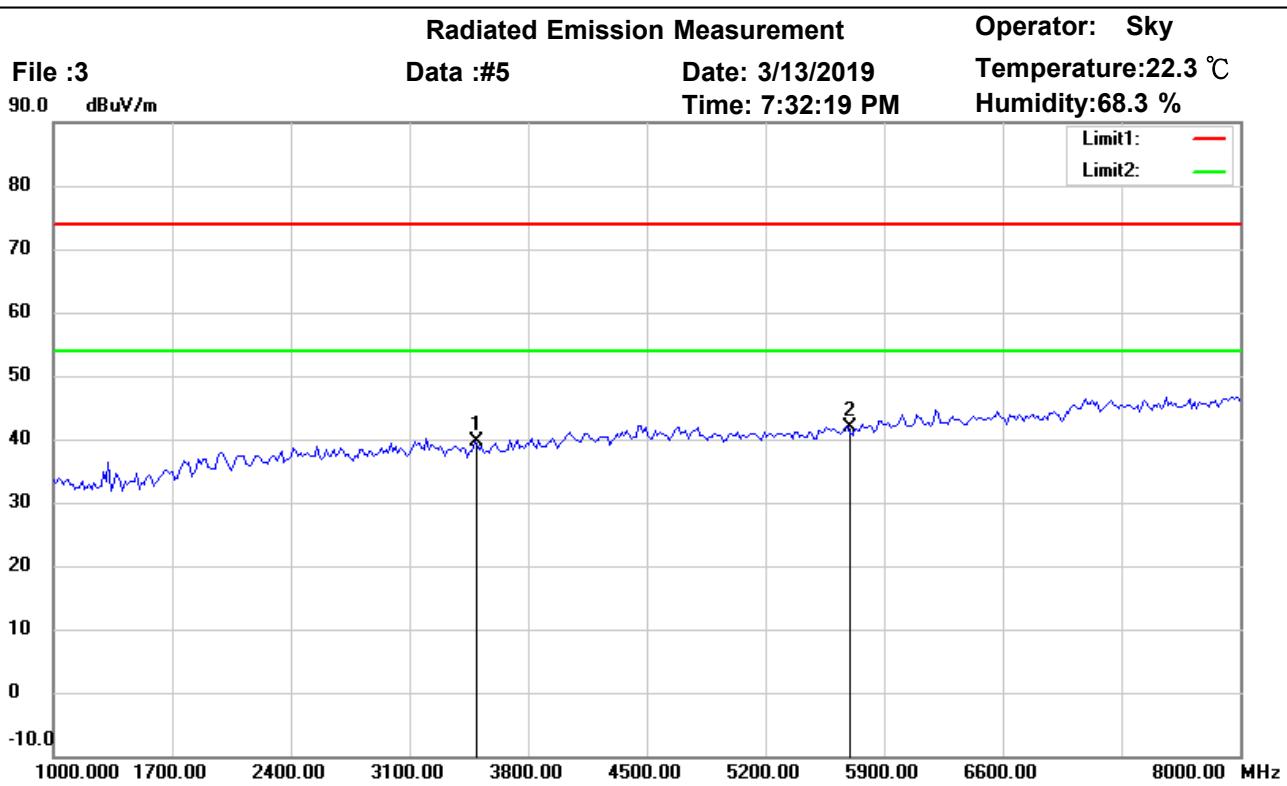
**Test Mode :** RX 2402MHz

**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
	3482.966	41.91	peak	-2.43	39.48	74.00	150	140	-34.52	
*	5685.371	40.52	peak	1.97	42.49	74.00	150	65	-31.51	



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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

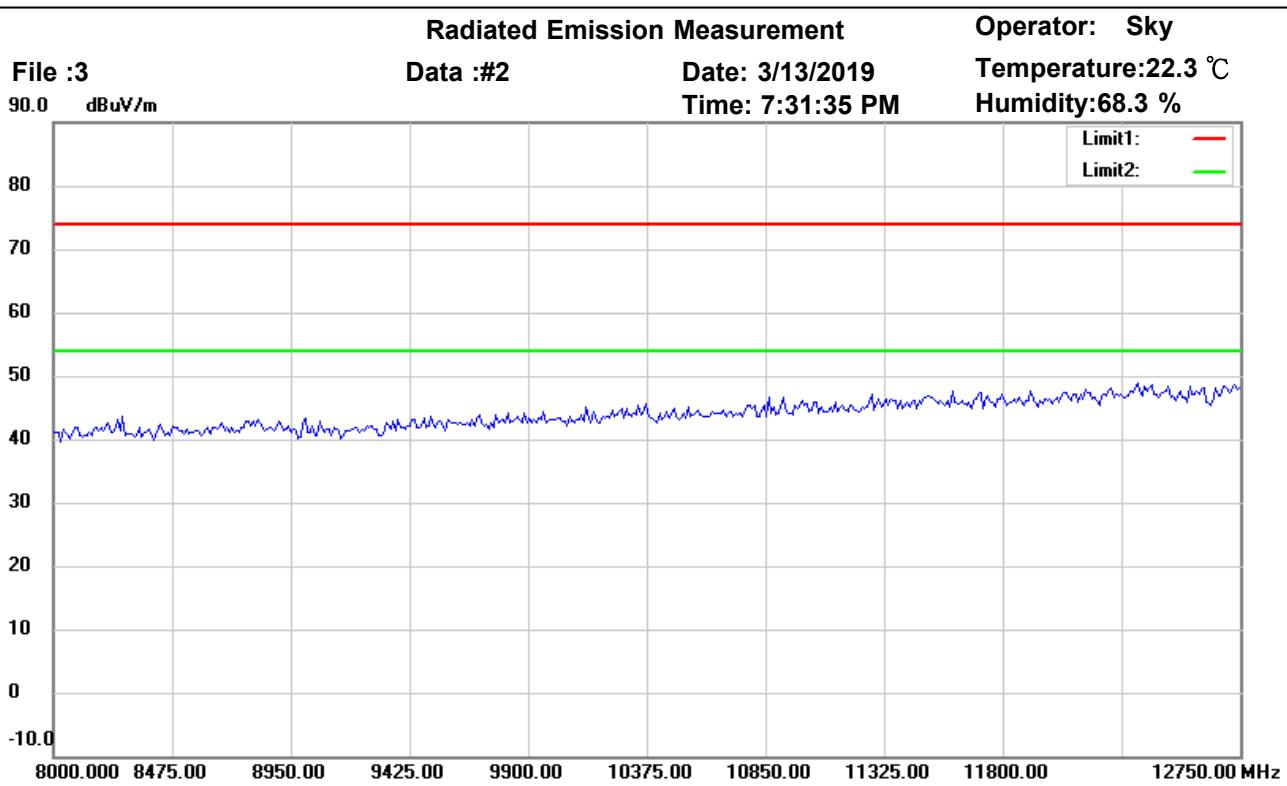
Test Mode : RX 2402MHz

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
	3482.966	42.01	peak	-2.43	39.58	74.00	150	180	-34.42	
*	5685.371	39.96	peak	1.97	41.93	74.00	150	330	-32.07	



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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

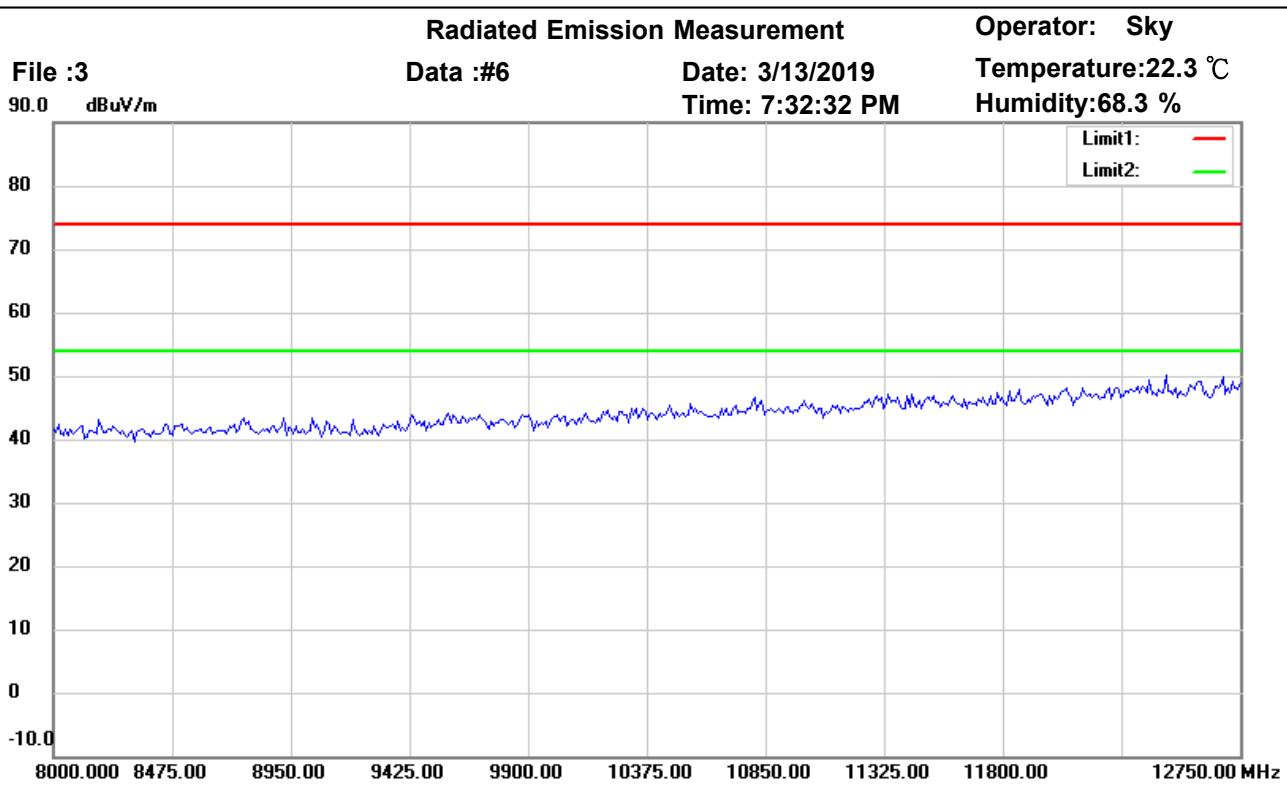
Test Mode : RX 2402MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

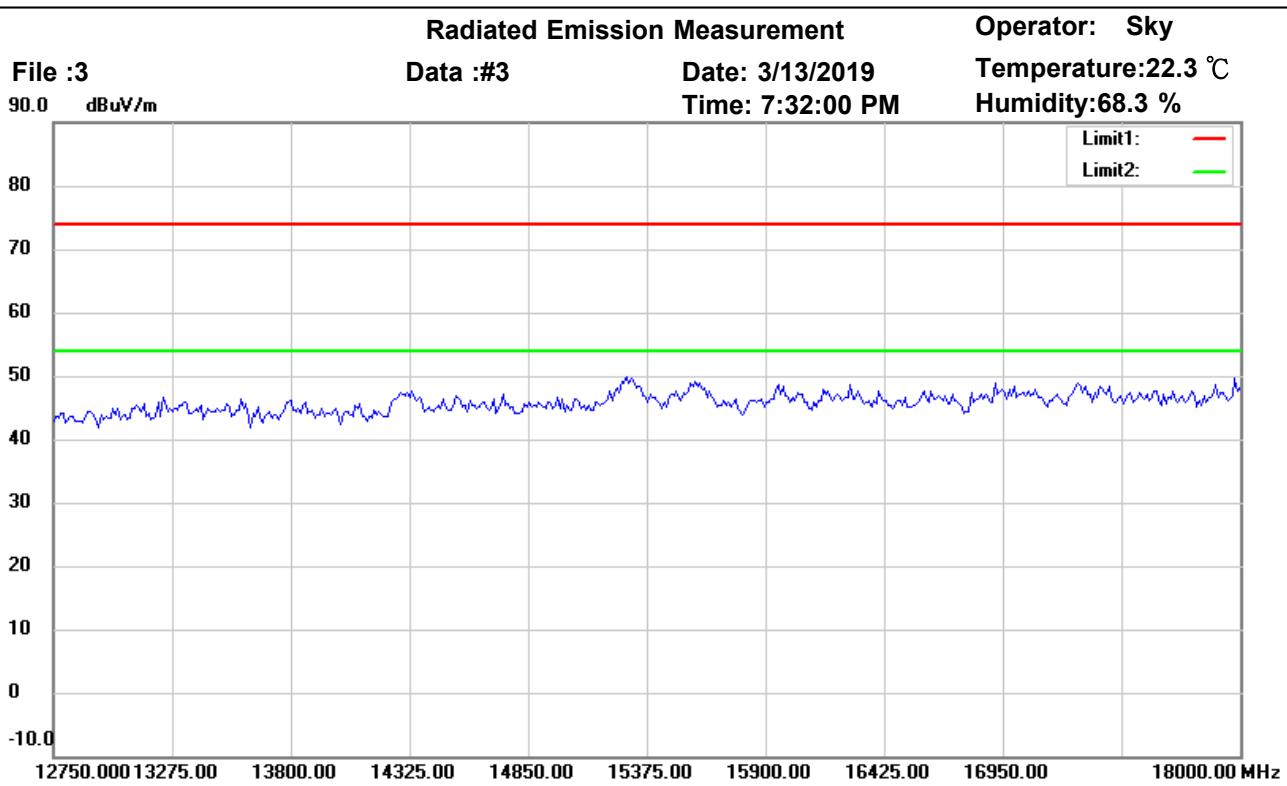
Test Mode : RX 2402MHz

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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Site : Chamber

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Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

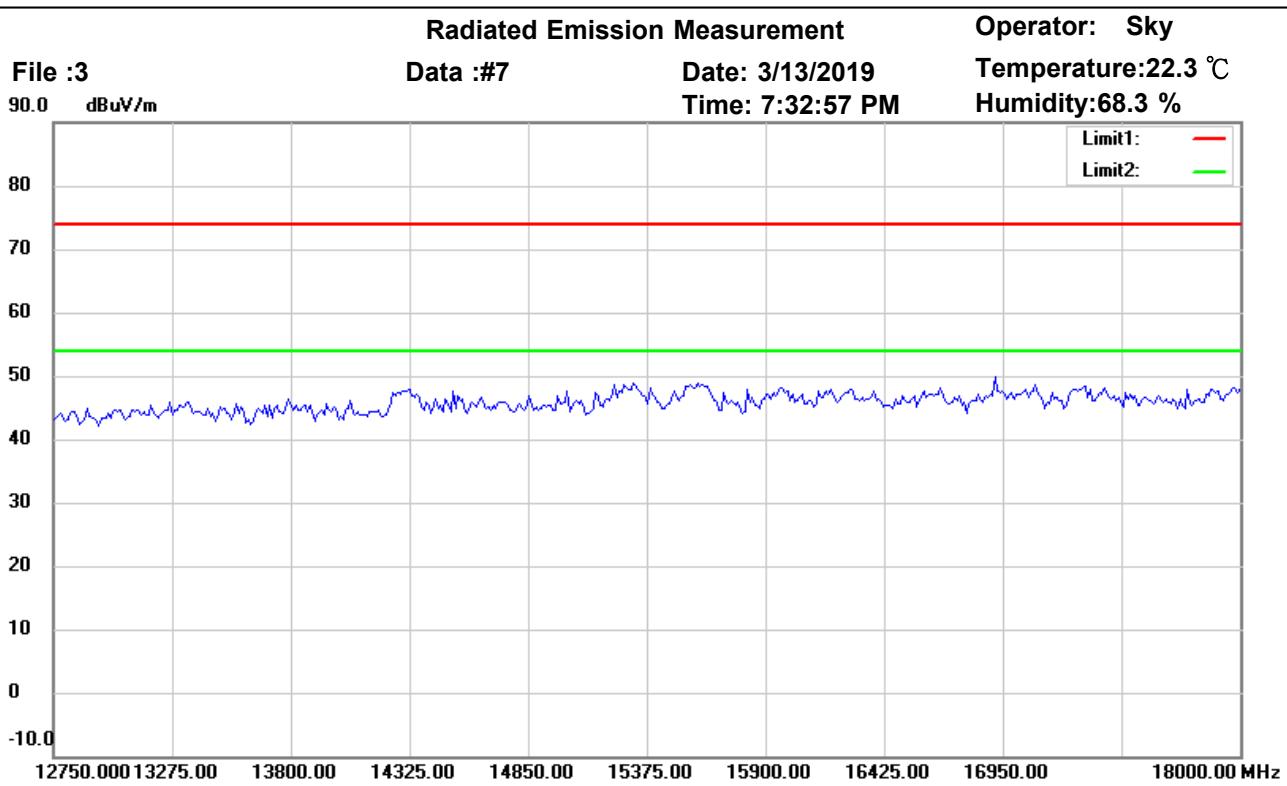
Test Mode : RX 2402MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

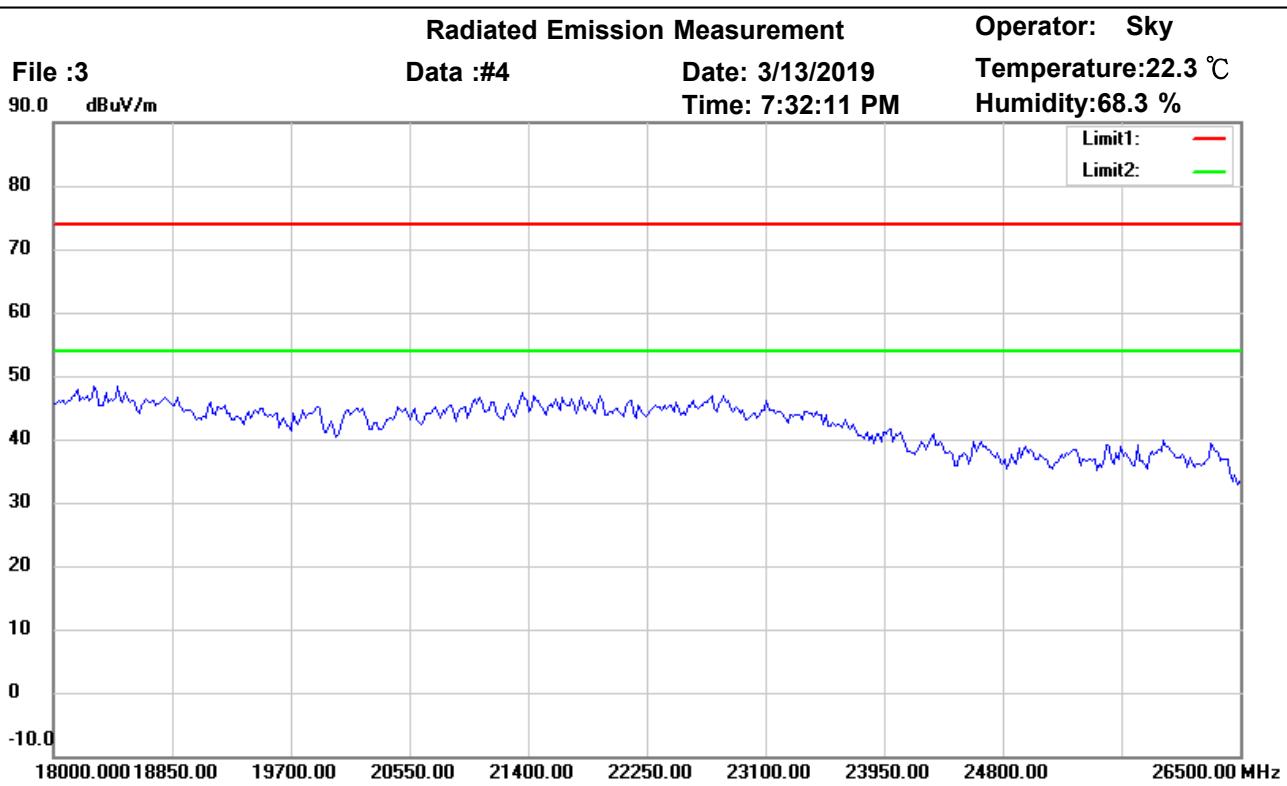
Test Mode : RX 2402MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

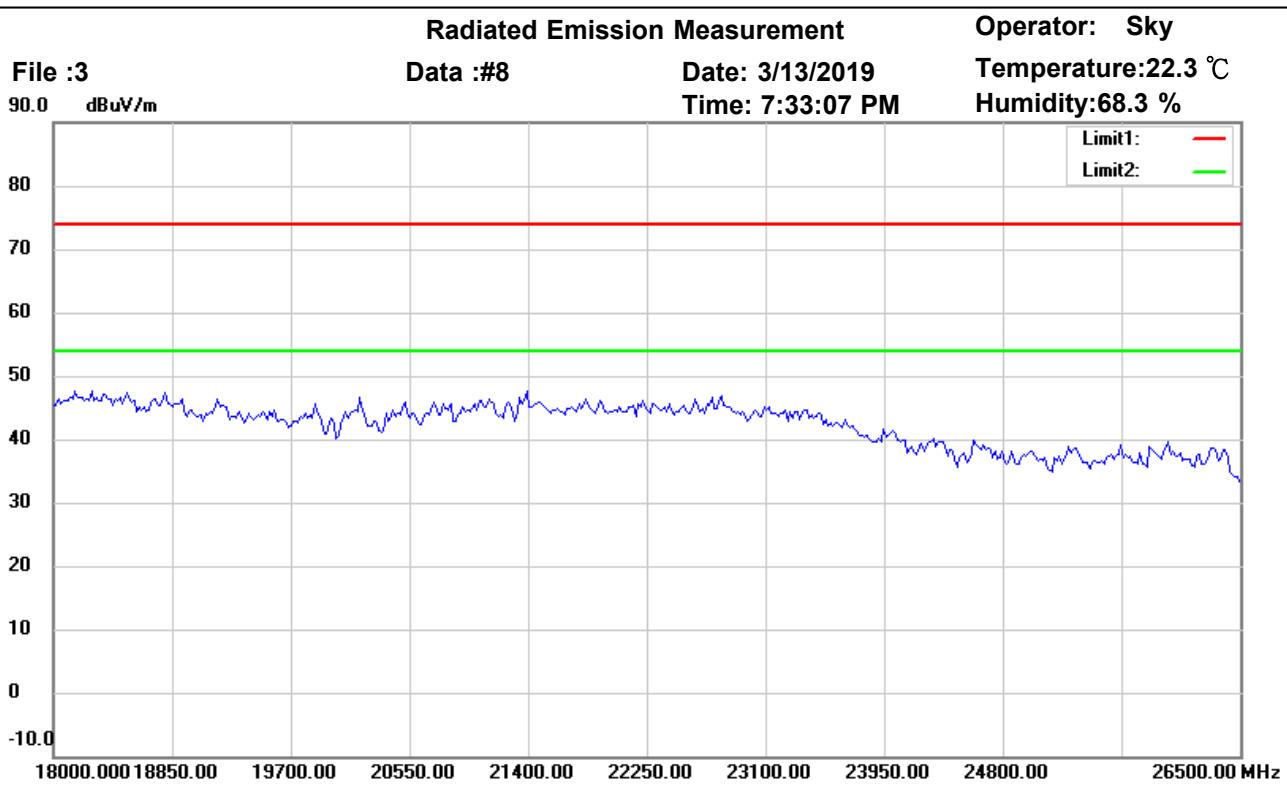
Test Mode : RX 2402MHz

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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Site : Chamber

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Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

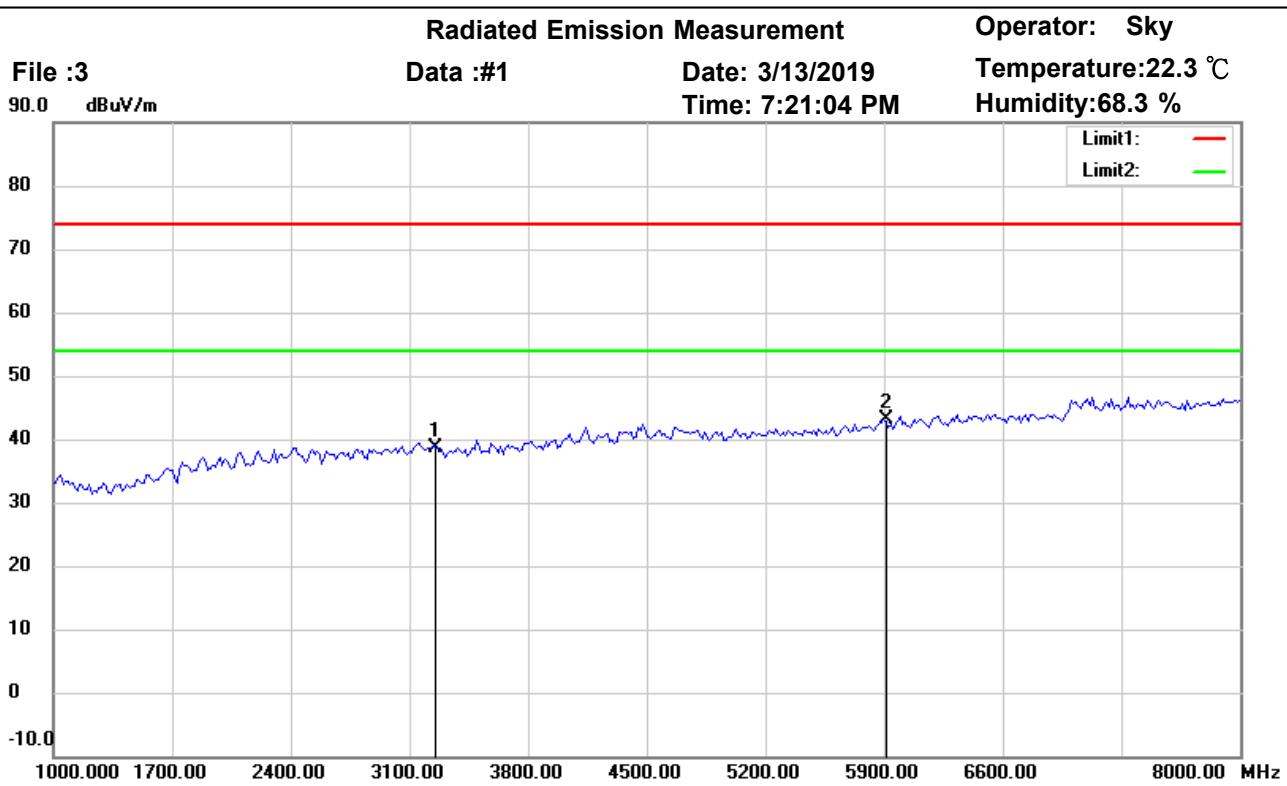
Test Mode : RX 2402MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

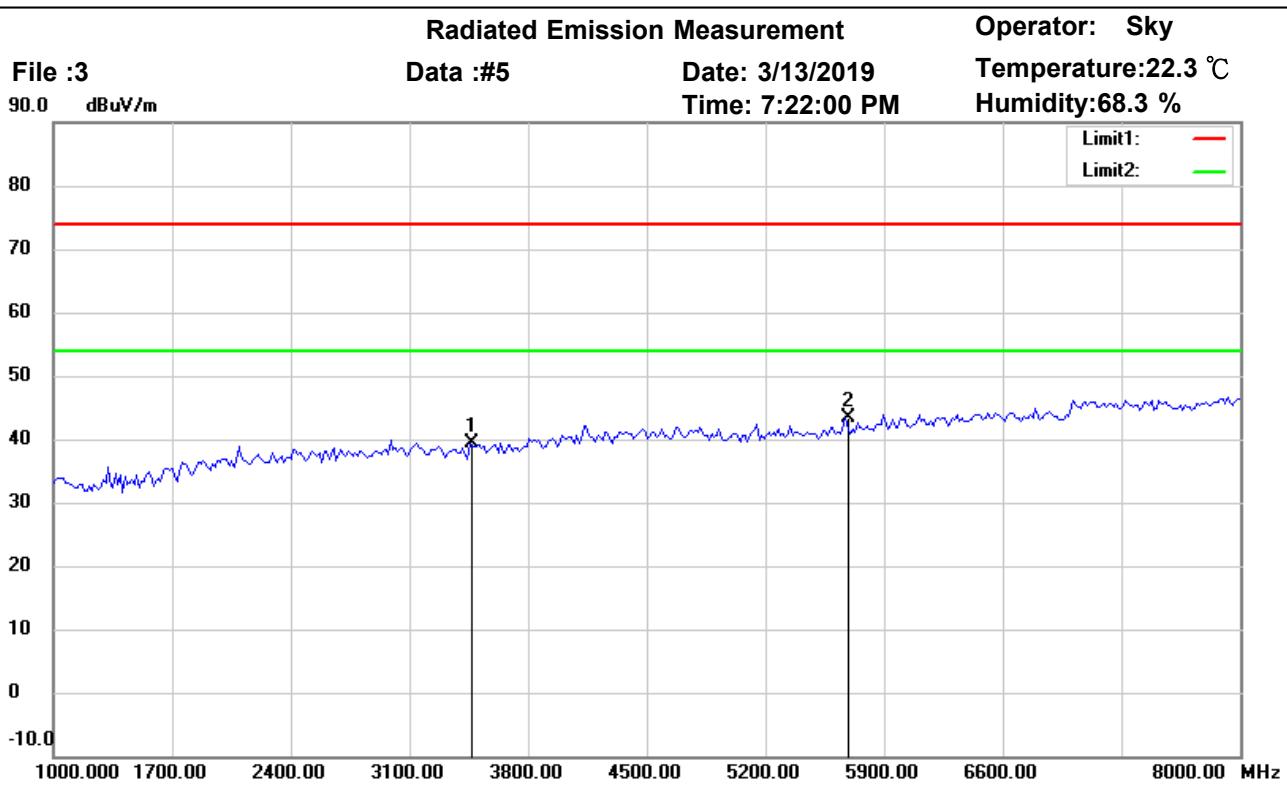
Test Mode : RX 2440MHz

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
	3258.517	40.98	peak	-2.31	38.67	74.00	150	190	-35.33	
*	5895.792	40.45	peak	2.61	43.06	74.00	150	35	-30.94	



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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

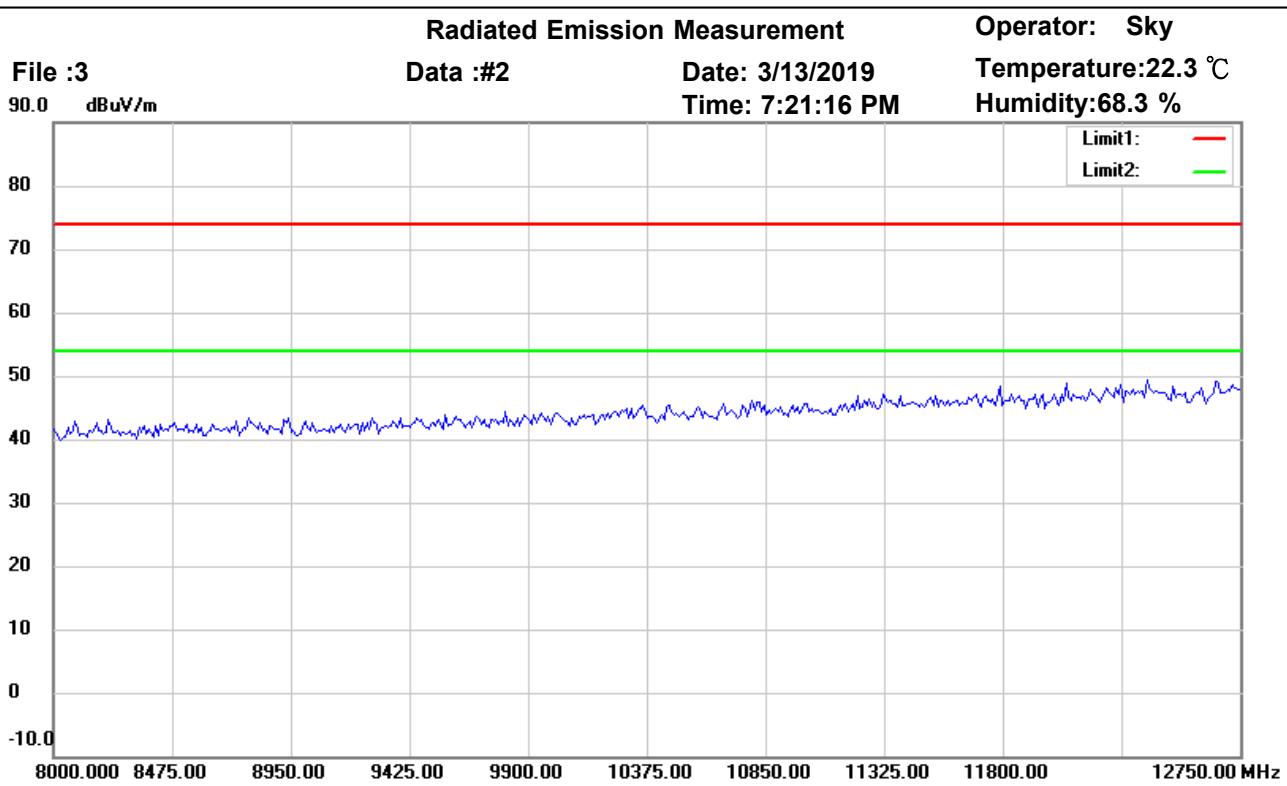
Test Mode : RX 2440MHz

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
	3454.910	41.85	peak	-2.56	39.29	74.00	150	170	-34.71	
*	5671.343	41.40	peak	1.92	43.32	74.00	150	255	-30.68	



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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

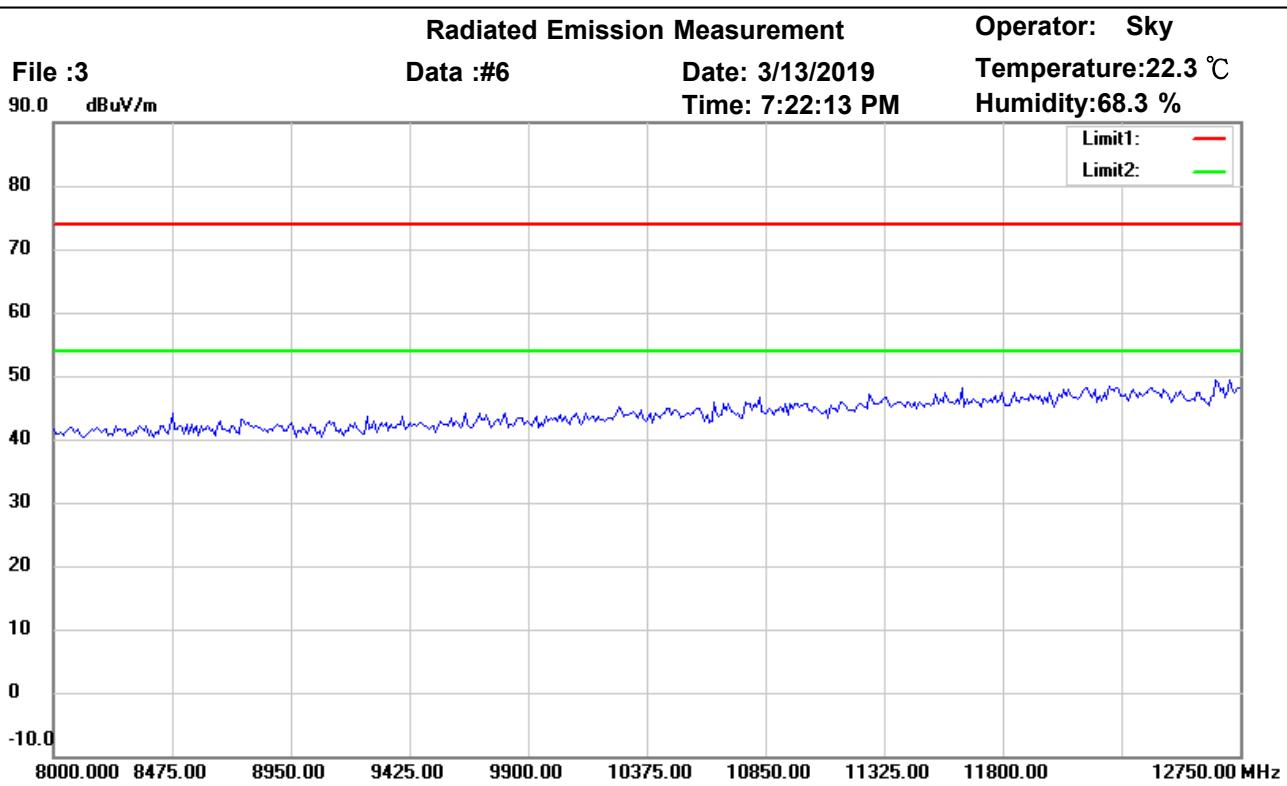
Test Mode : RX 2440MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

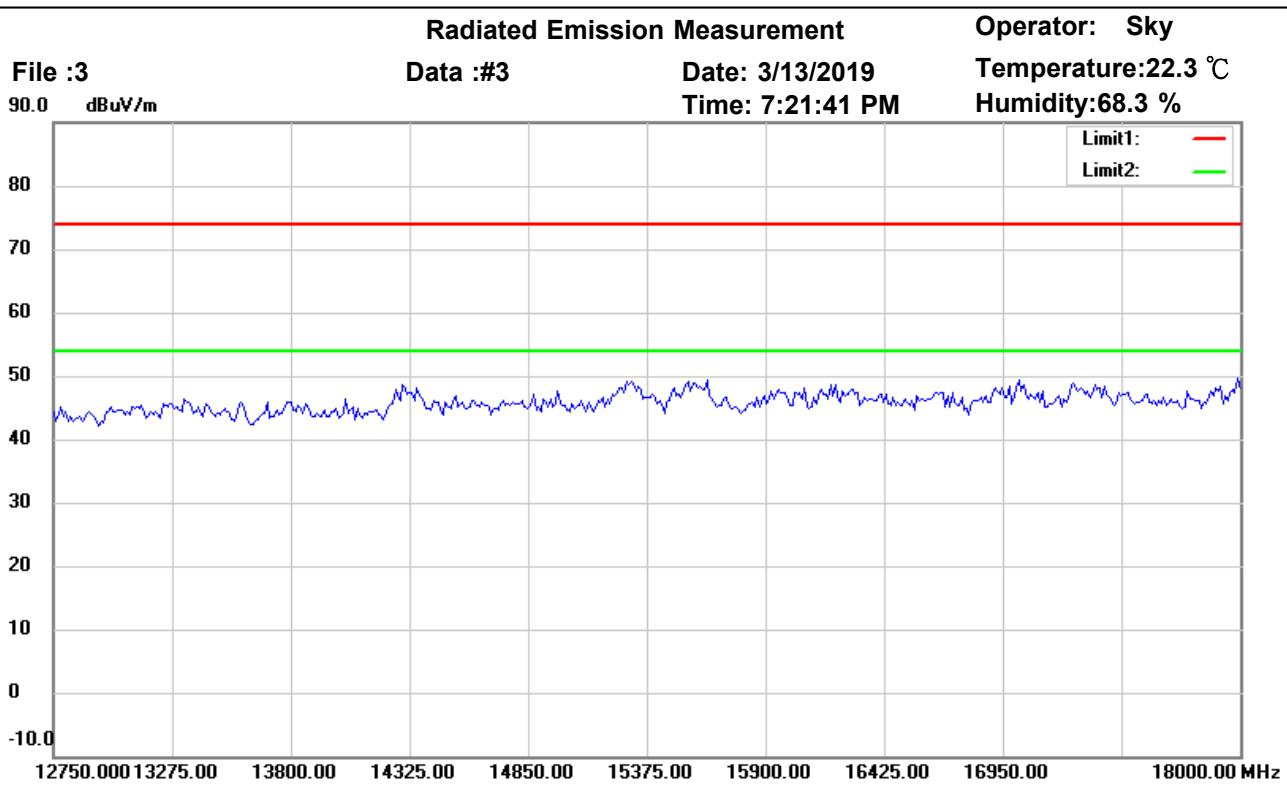
Test Mode : RX 2440MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

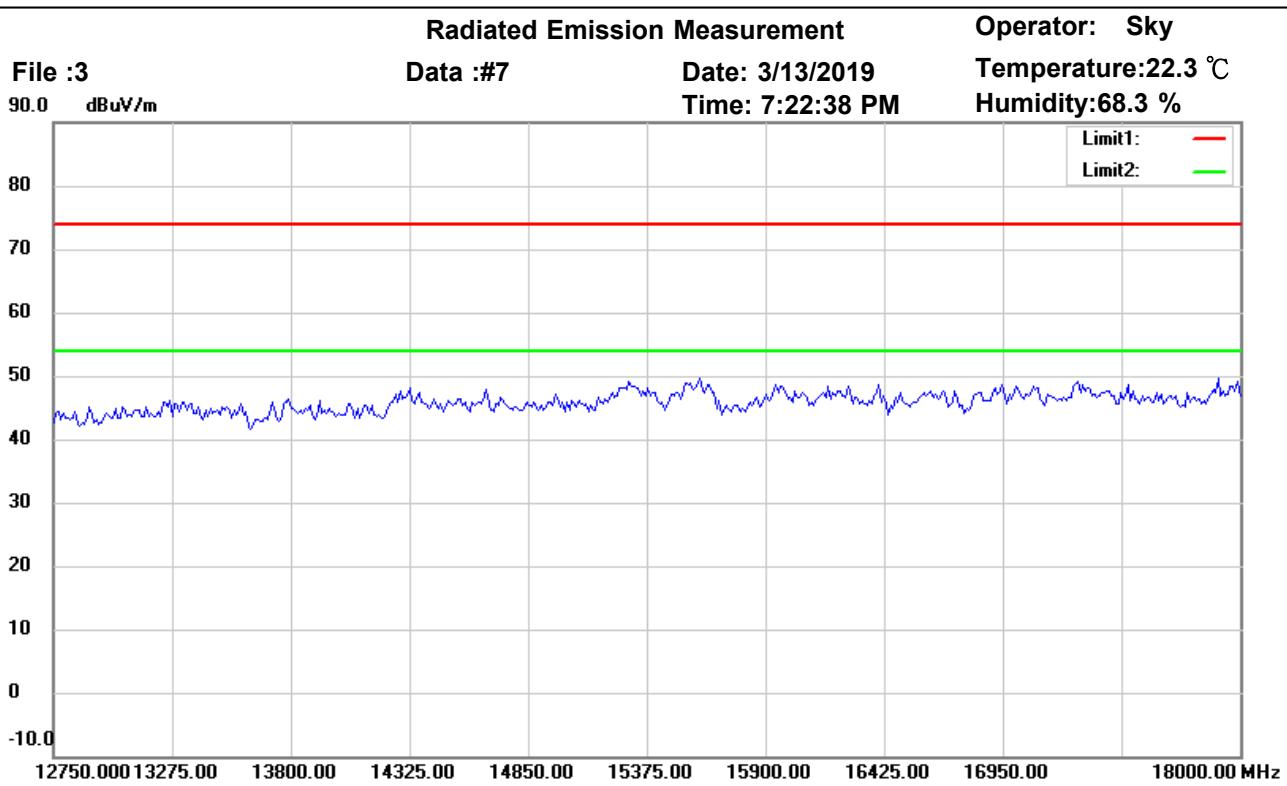
Test Mode : RX 2440MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

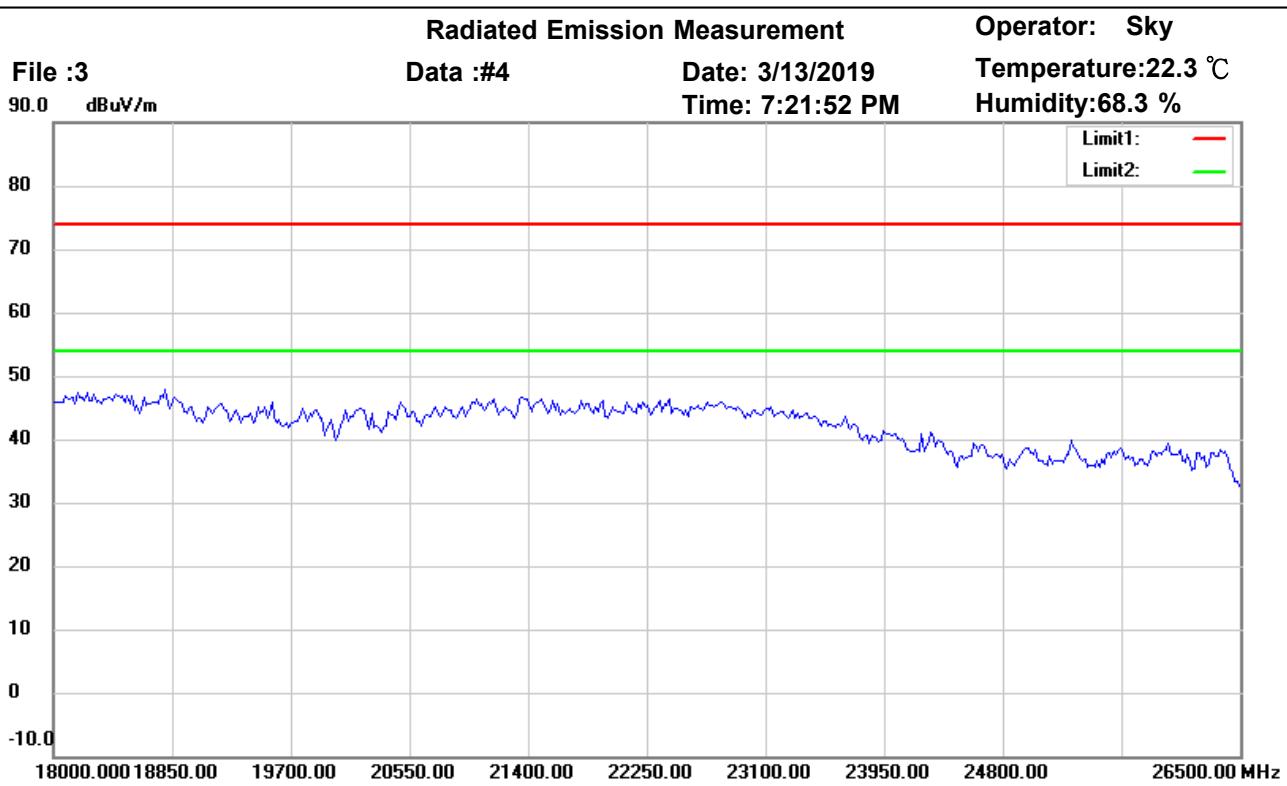
Test Mode : RX 2440MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

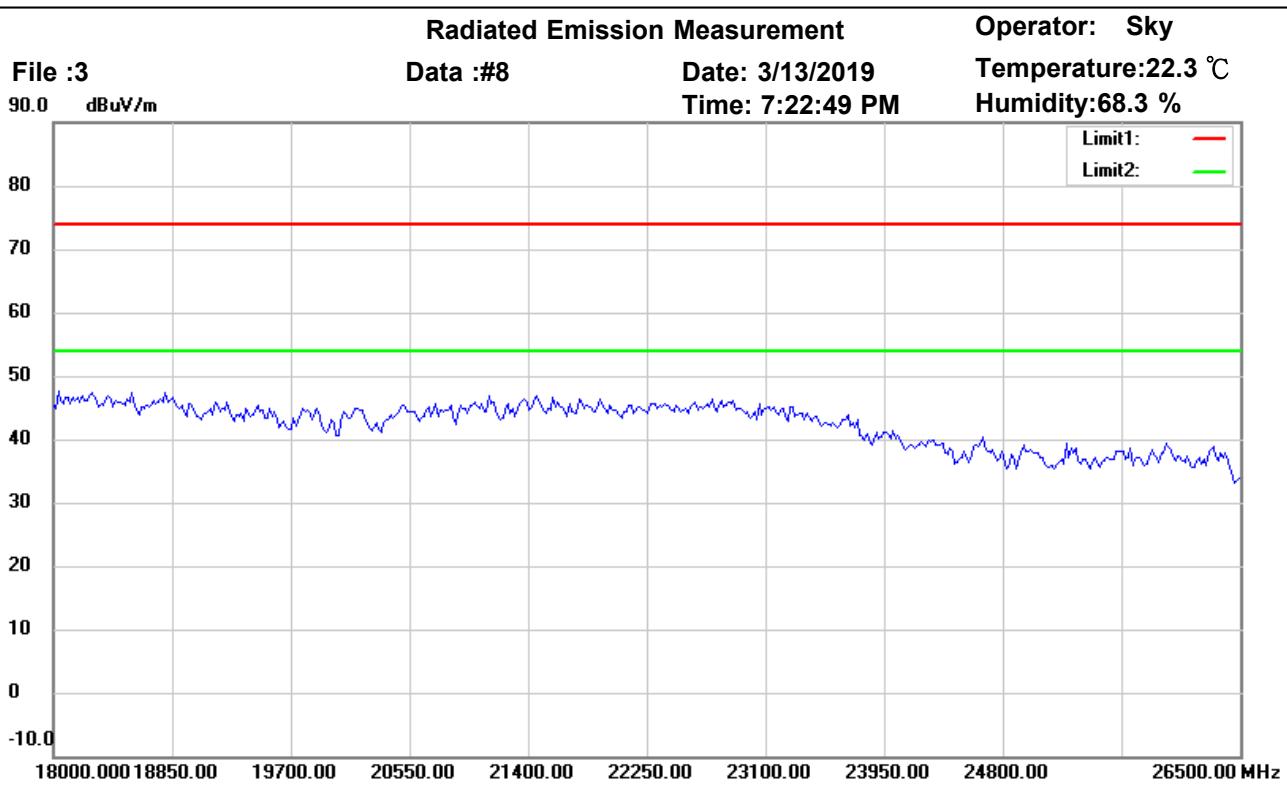
Test Mode : RX 2440MHz

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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Site : Chamber

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Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

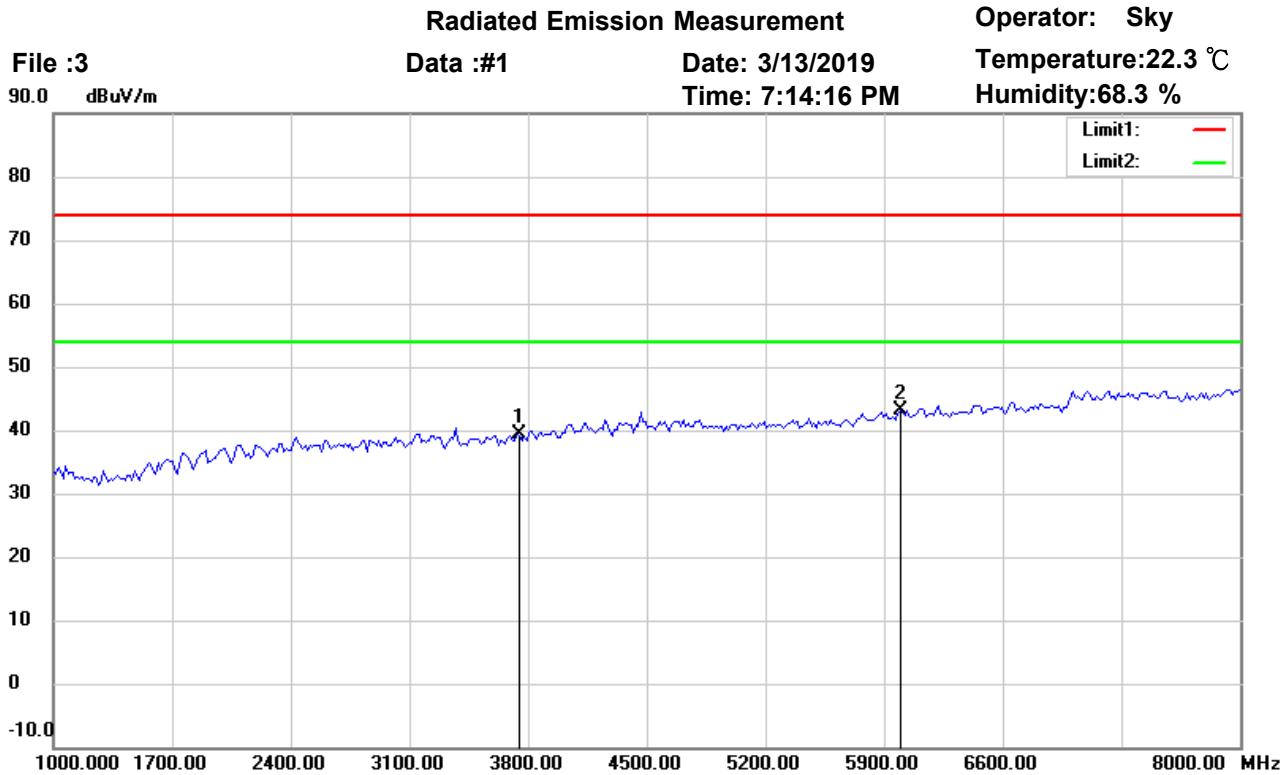
Test Mode : RX 2440MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

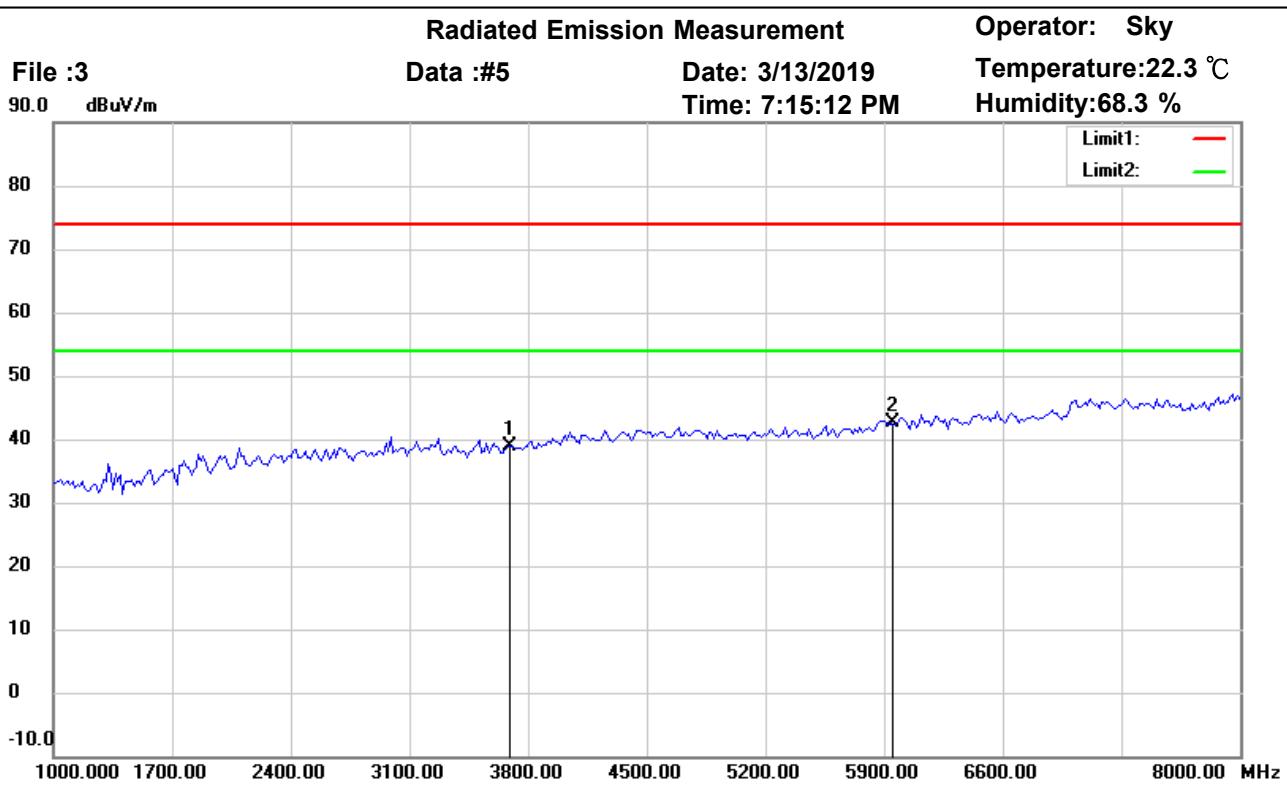
Test Mode : RX 2480MHz

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
	3735.471	41.23	peak	-1.78	39.45	74.00	150	100	-34.55	
*	5993.988	40.06	peak	2.97	43.03	74.00	150	45	-30.97	



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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

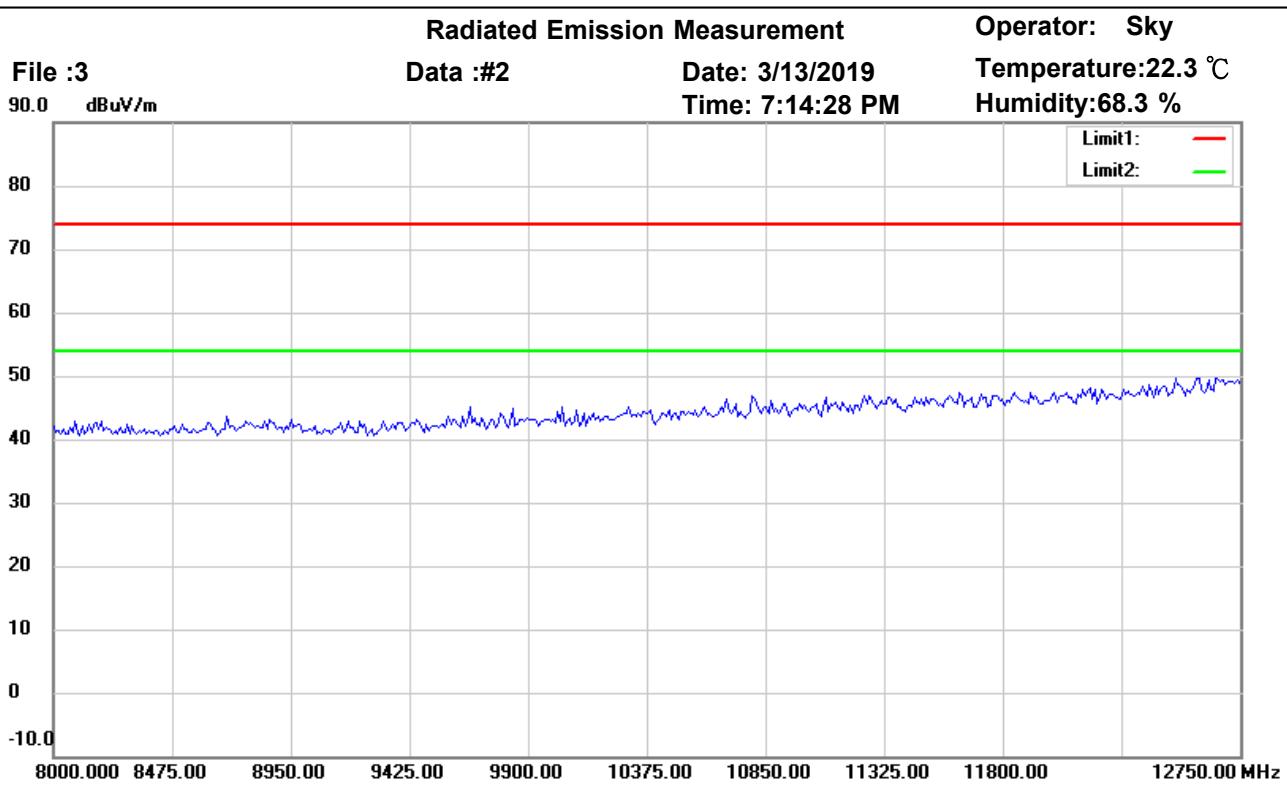
Test Mode : RX 2480MHz

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
	3679.359	40.80	peak	-1.89	38.91	74.00	150	160	-35.09	
*	5937.876	39.83	peak	2.77	42.60	74.00	150	40	-31.40	



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M/N:

Distance: 3m

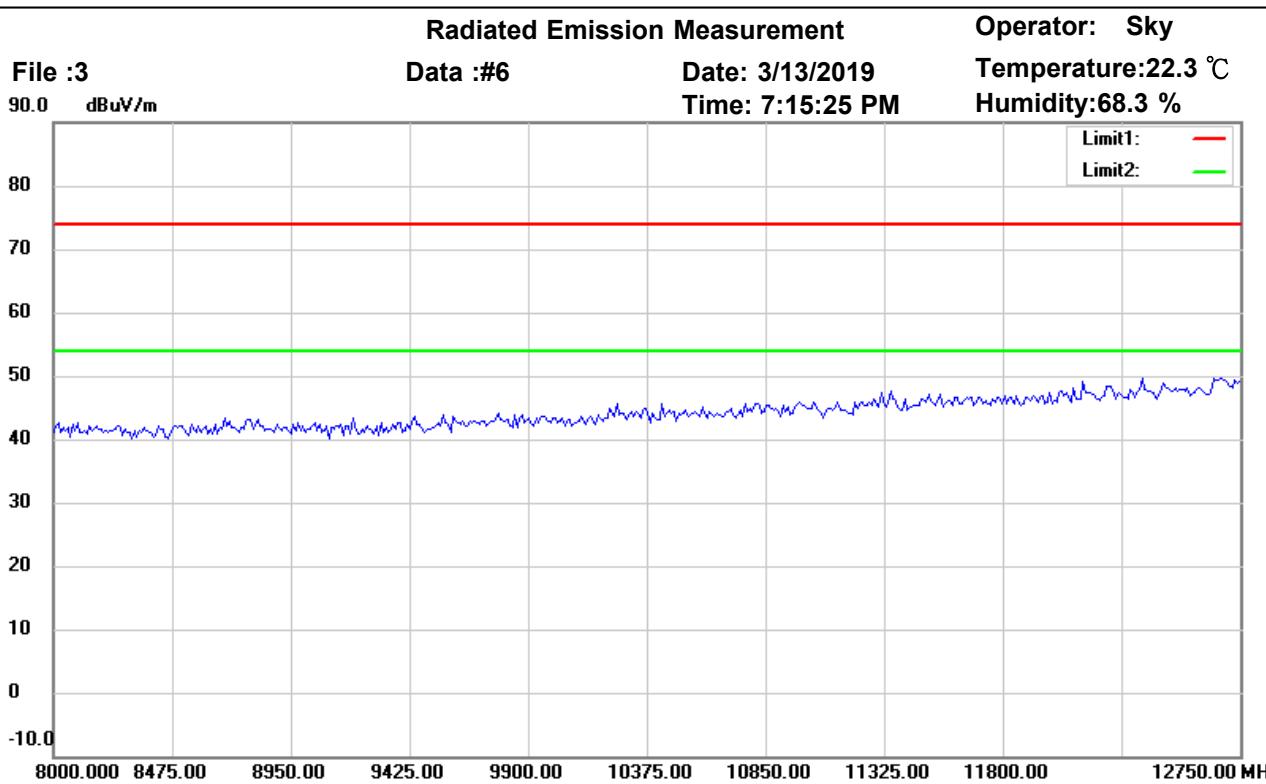
Test Mode : RX 2480MHz

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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Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

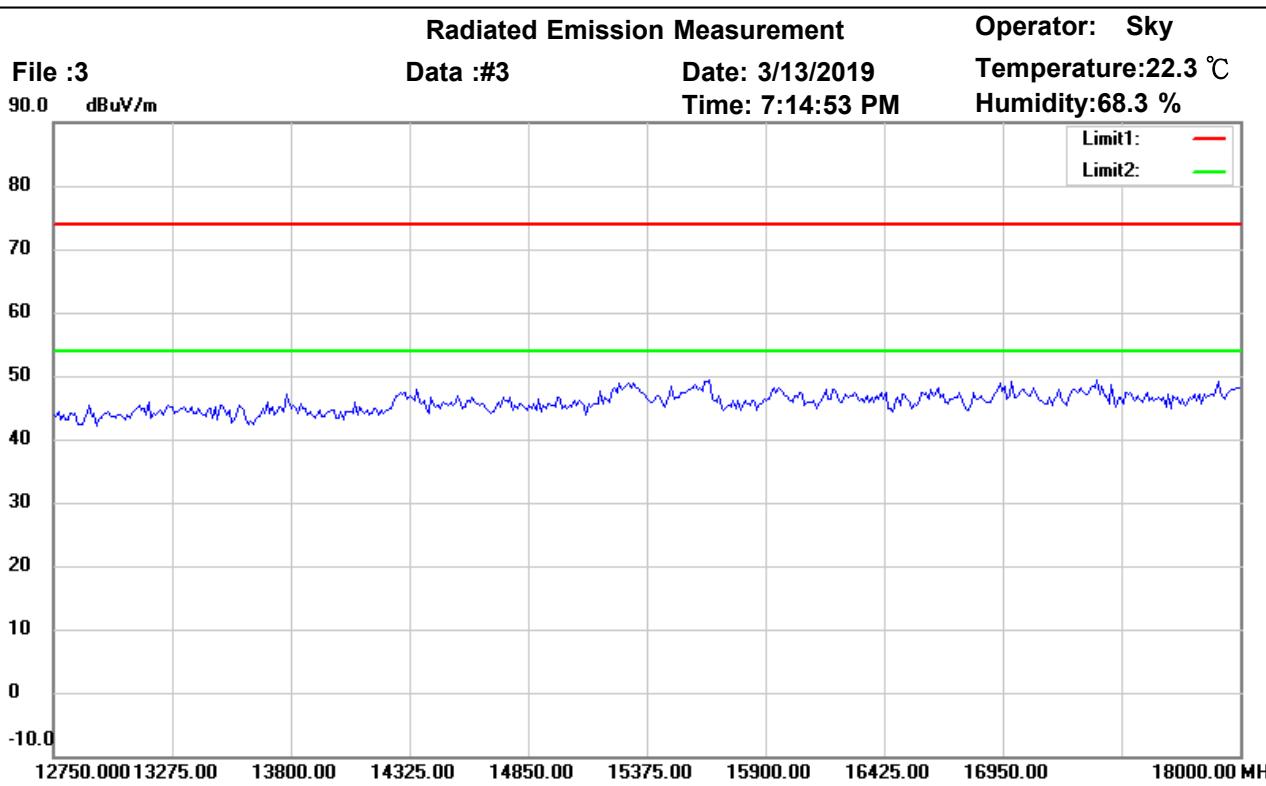
Test Mode : RX 2480MHz

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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Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

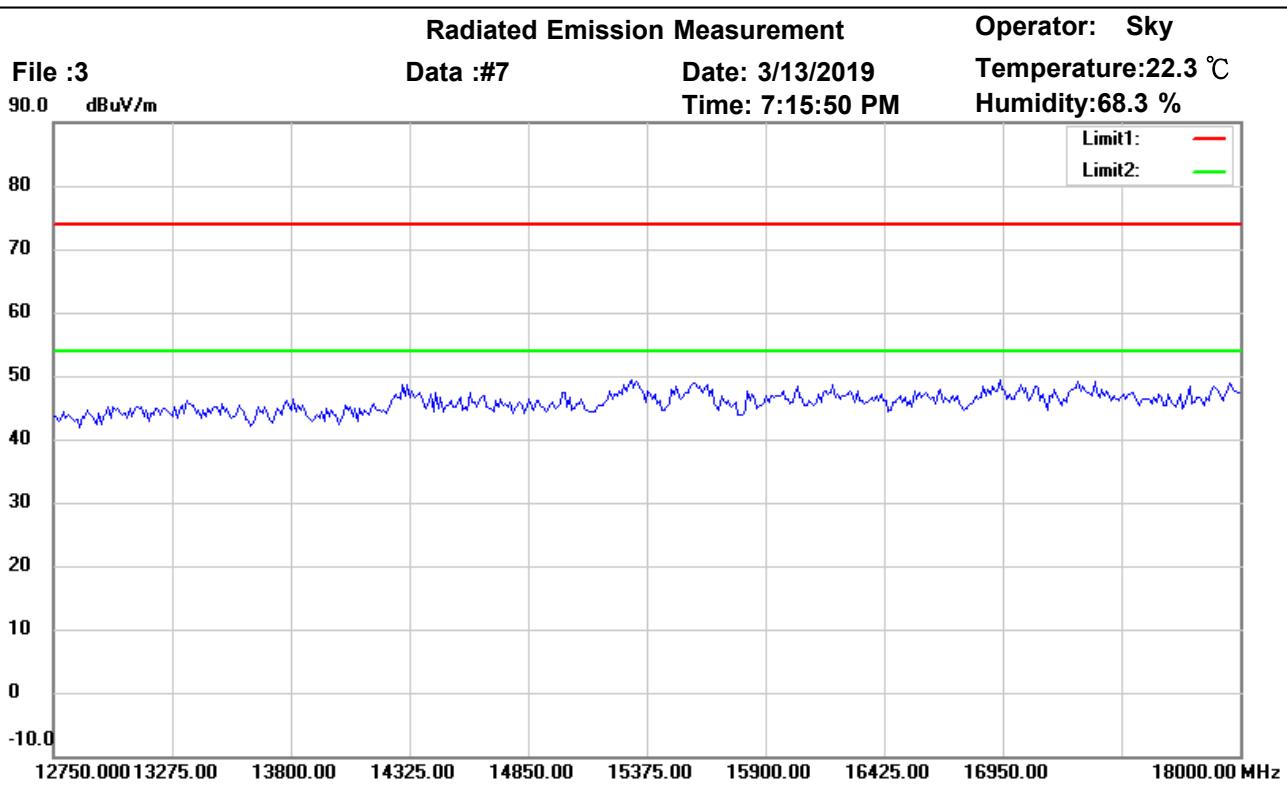
Test Mode : RX 2480MHz

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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Site : Chamber

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Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

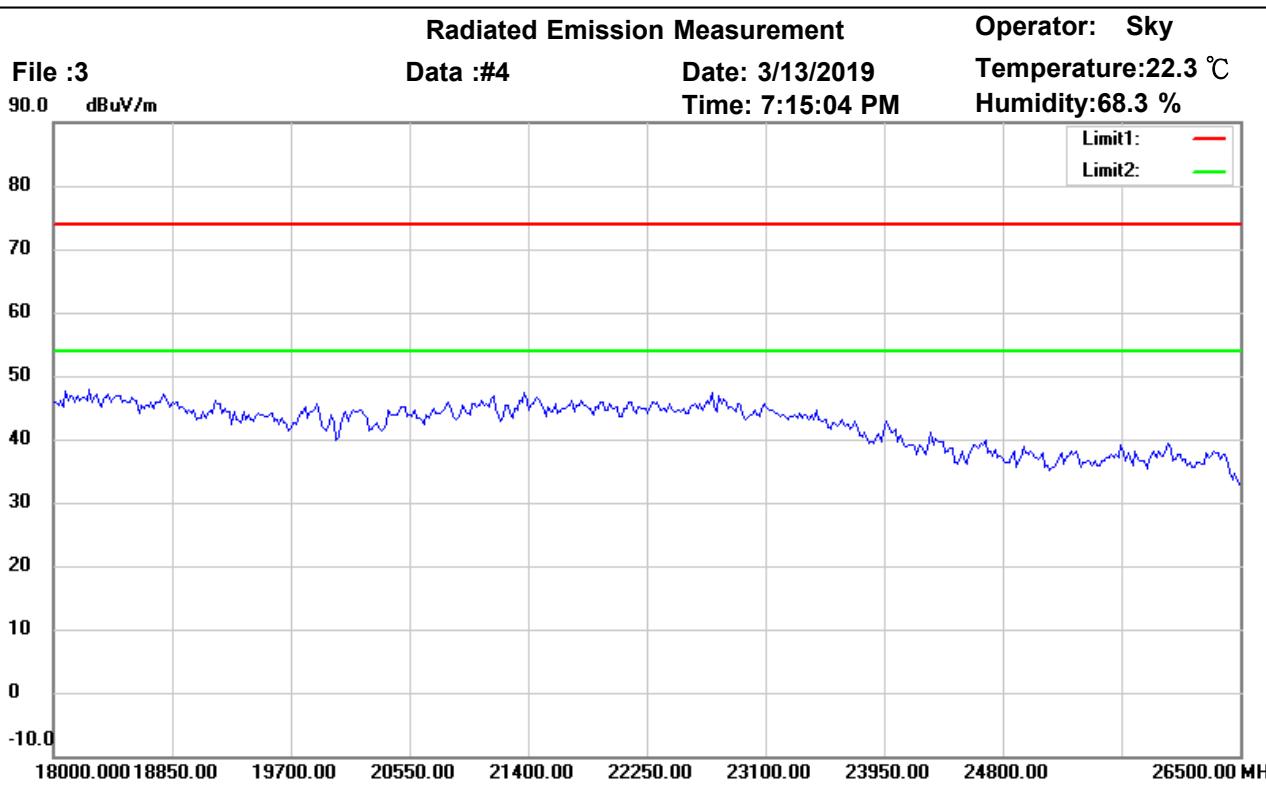
Test Mode : RX 2480MHz

Note :

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



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



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

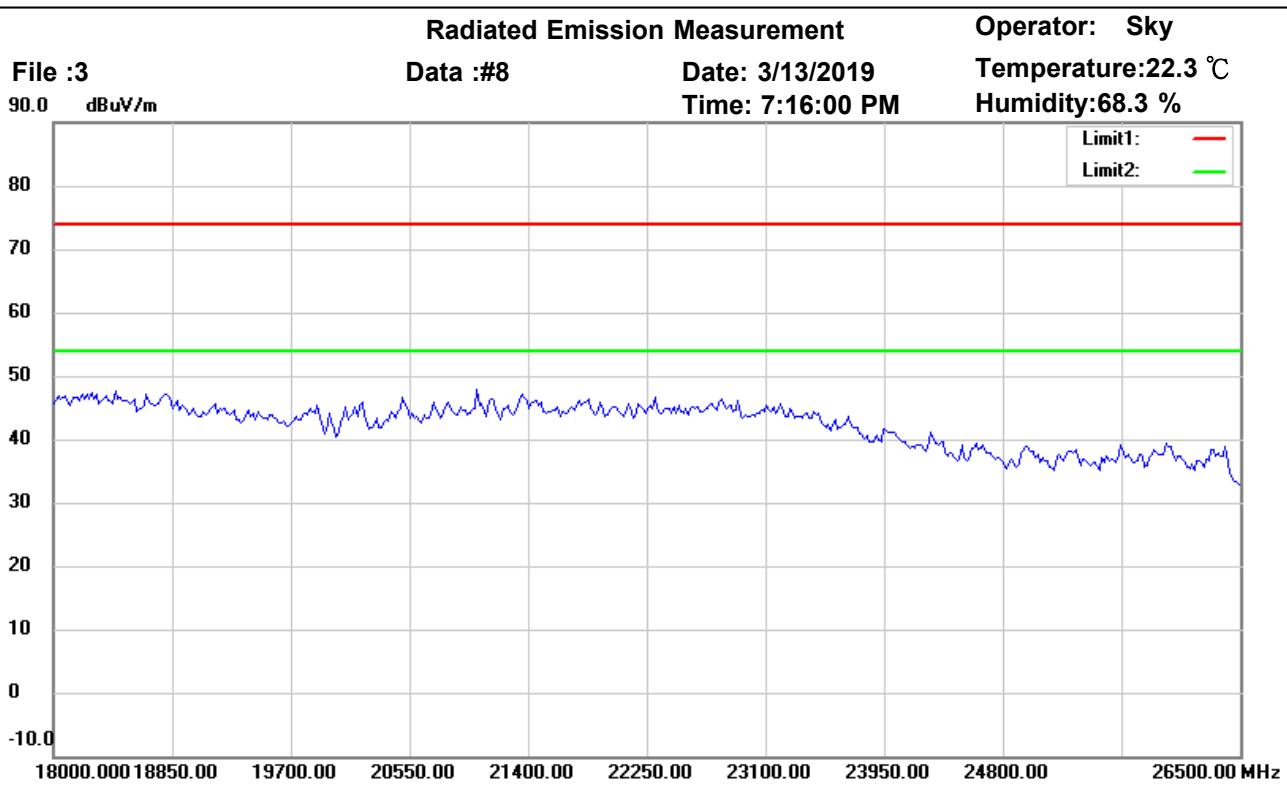
Test Mode : RX 2480MHz

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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Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21902-18803

Power : 5 Vd.c.

M/N:

Distance: 3m

Test Mode : RX 2480MHz

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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