

**FCC PART 22/24 TEST REPORT**  
**for**  
**Mobile Pers cellular medical alarm system**  
**Model No.: MPx-xxx Series (x=0~9, A~Z or blank)**  
**FCC ID: GX9MP**

of

Applicant: **Climax Technology Co Ltd**  
Address: **No. 258, Sinhu 2nd Rd., Neihu District, Taipei City 114**  
**Taiwan ( R.O.C.)**

Tested and Prepared

by

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

**FCC Registration No.: 930600**

**Industry Canada filed test laboratory Reg. No. IC 5679A-1**

**A2LA Accredited No.: 2732.01**



**Report No.: W6M21302-13019-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.

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

## Certification of Test Report

Applicant : CLIMAX TECHNOLOGY CO., LTD.  
No. 258, Sinhu 2nd Rd., Neihu District Taipei City 114  
Taiwan ( R.O.C.)

Manufacturer : CLIMAX TECHNOLOGY CO., LTD.  
No. 258, Sinhu 2nd Rd., Neihu District Taipei City 114  
Taiwan ( R.O.C.)

Tested Equipment :

Type Description	: Mobile Pers cellular medical alarm system
Model Number	: MPx-xxx Series (x=0~9, A~Z or blank)
Brand Name	: ./.
Operation Frequency	: 824.2-848.8MHz / 1850.2 - 1909.8 MHz WCDMA BAND II: 1852.4 – 1907.6 MHz WCDMA BAND V : 826.4-846.6 MHz
RF Output Power:	1) Band 850 MHz : 26.24 dBm (ERP) 2) Band 1900 MHz : 26.92 dBm (EIRP) 3) BAND II : 24.27 dBm (EIRP) 4) BAND V : 21.18 dBm (ERP)
Power Supply	: Adaptor: (I/P: 100-240V, 50-60Hz, 0.8A; O/P: 12V, 2.0A) Battery: Transmitter: 3.7Vdc, 1100mAh, 4Wh Receiver: 1.2Vdc*6, 1100mAh

Regulation Applied : 47CFR Part 22 (2011-10) and Part 24 (2011-10)

Test Method : 47CFR Part 2 (2011), TIA/EIA-603C (2004) and  
ANSI C63.4 (2003)

I HEREBY CERTIFY THAT: The test results written in this report were derived conscientiously in accordance with the requirements and procedures of 47CFR Part 2(2011), TIA/EIA-603C (2004), and it was found that the device described above is in compliance with the applicable limits specified in 47CFR Part 22/24.

Note:

1. The result of this test report is valid only in connection to the sample has been tested at the laboratory of Worldwide Testing Services (Taiwan) Co. Ltd.
2. This test report shall always be duplicated in full pages unless the written approval of the testing laboratory is obtained.

Test Engineer:

June 04, 2013

Robert Ren

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

June 04, 2013

Danny Sung

Date

WTS

Name

Signature



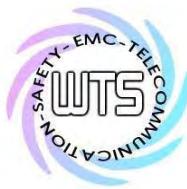
# Worldwide Testing Services(Taiwan) Co., Ltd.

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

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## **1. Summary**

### **1.1 Description of tested equipment**

This equipment under tested, MPx-xxx Series (x=0~9, A~Z or blank), is a Mobile Pers cellular medical alarm system with built-in GSM 850/PCS 1900 MHz and supporting HSDPA and WCDMA.

The operation frequency bands and rated RF output power are listed as follows:

824.2-848.8MHz (Cellular, Part 22), 26.24 dBm / 0.4207 W (ERP)  
1850.2-1909.8MHz (Cellular, Part 24), 26.92 dBm / 0.4920 W (EIRP)  
Band II (Cellular, Part 24), 24.27 dBm / 0.2673 W (EIRP)  
Band V (Cellular, Part 22), 21.18 dBm / 0.1312 W (ERP)

This test report only contains test requirements specified in 47CFR Part 22 and Part 24 for GSM function and WCDMA function, for other functions; please refer to separate test report with respect to the relevant test standard and specification.

### **1.2 Date of testing processing**

Test sample received: February 20, 2013

Test finished: June 03, 2013

Other Information: None

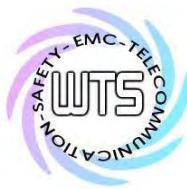
### **1.3 Modification Information**

No modification was made during the all test items been performed.

### **1.4 Test standards**

Technical standard: **FCC Part 2(2011), TIA/EIA-603C (2004), ANSI C63.4(2003)  
47CFR Part 22 (2011-10), and Part 24 (2011-10)**

Deviation from test standard: None



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

Report Number: W6M21302-13019-P-2224

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## 1.5 Summary of test result

Band: 850 MHz & Band V

Section in this Report	Test Item	FCC relevant Section	Verdict
3.2	RF Power Output (Effective radiated power)	2.1046(a), 22.913(a)	Pass
4.2	Modulation characteristics	2.1047	Not Required
5.2	Occupied bandwidth	2.1049(h)	Pass
6.2	Spurious emissions at antenna terminals	22.917(a), 2.1051	Pass
7.2	Field strength of spurious radiation	22.917(a), 2.1053	Pass
7.5	Band Edge emissions	22.917(a)	Pass
8.2	Frequency stability	2.1055 22.355	Pass

Band: 1900 MHz & Band II

Section in this Report	Test Item	FCC Relevant Section	Verdict
3.2	RF Power Output (Equivalent isotropically radiated power)	2.1046(a), 24.232	Pass
4.2	Modulation characteristics	2.1047	Not Required
5.2	Occupied bandwidth	2.1049(h) 24.238(b)	Pass
6.2	Spurious emissions at antenna terminals	24.238(a), 2.1051	Pass
7.2	Field strength of spurious radiation	24.238(a), 2.1053	Pass
7.5	Band Edge emissions	24.238(b)	Pass
8.2	Frequency stability	2.1055 24.235	Pass



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

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## **2. General Information**

### **2.1 Testing laboratory**

#### **2.1.1 Location**

OATS

No.5-1, Shuang Sing Village,  
LiShuei Rd., Wanli Township,  
Taipei County 207, Taiwan (R.O.C.)

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

#### **2.1.2 Details of accreditation status**

Accredited testing laboratory

A2LA-registration number: 2732.01

FCC filed test laboratory Reg. No. 930600

Industry Canada filed test laboratory Reg. No. IC 5679A-1



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

<b>Name:</b>	./.
<b>Accredited number:</b>	./.
<b>Street:</b>	./.
<b>Town:</b>	./.
<b>Country:</b>	./.
<b>Telephone:</b>	./.
<b>Fax:</b>	./.

## **2.2 Details of approval holder**

<b>Name:</b>	CLIMAX TECHNOLOGY CO., LTD.
<b>Street:</b>	No. 258, Sinhu 2nd Rd., Neihu District
<b>Town:</b>	Taipei City 114
<b>Country:</b>	Taiwan ( R.O.C.)
<b>Telephone:</b>	+886-2-2794-0001
<b>Fax:</b>	+886-2-2792-6618



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

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**Manufacturer:** (if different from applicant)

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

## **2.3 Description of Tested System**

The EUT was tested alone without the Accessories or Peripherals.

Equipment	Model No.	Series No.	Software	Cable information	Note
No accessories were used with this EUT.					

Frequencies Selected to be investigated:

### **Band: 850 MHz**

Low Frequency ( ch 128): 824.2 MHz  
Mid Frequency ( ch 188): 836.2 MHz  
High Frequency ( ch 251): 848.8 MHz

### **Band: 1900 MHz**

Low Frequency ( ch 512): 1850.2 MHz  
Mid Frequency ( ch 661): 1880.0 MHz  
High Frequency ( ch 810): 1909.8 MHz

### **WCDMA Band II**

Low Frequency ( ch 9262): 1852.4 MHz  
Mid Frequency ( ch 9400): 1880.0 MHz  
High Frequency ( ch 9538): 1907.6 MHz

### **WCDMA Band V**

Low Frequency ( ch 4132): 826.4 MHz  
Mid Frequency ( ch 4183): 836.6 MHz  
High Frequency ( ch 4233): 846.6 MHz

Antenna Type:

GSM 850: PIFA Antenna  
PCS 1900: PIFA Antenna  
WCDMA Band II / Band V: PIFA Antenna

Antenna Gain:

GSM 850: +0.05dBi  
PCS 1900: +0.59dBi  
WCDMA Band II: +0.59dBi / Band V: +0.05dBi

Power supply:

Adaptor: (I/P: 100-240V, 50-60Hz, 0.8A; O/P: 12V, 2.0A)  
Battery: Transmitter: 3.7Vdc, 1100mAh, 4Wh  
Receiver: 1.2Vdc\*6, 1100mAh

Note:

1. This test report is valid in connection to the model has been tested, any modification to the product which is different from the test model will avoid the certification of the test report.
2. This test report shall always be duplicated in full pages unless the written approval of the testing laboratory is obtained.
3. The x in model number is representing different colors, printings on covered case and customers.



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

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## 2.4 Test environment

Temperature: 27 °C  
Relative humidity content: 54 %  
Air pressure: 86-103 Kpa

## 2.5 General Test Requirement

**Radiated Emission:** For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100 kHz 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.

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.

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.



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

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## 2.6 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	2012/9/5	2013/9/4
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	2012/12/21	2013/12/20
ETSTW-CE 006	IMPULSBEGRÄNZER PULSE LIMITER	ESH3-Z2	100226	R&S	2013/3/4	2014/3/3
ETSTW-CE 007	SPECTRUM ANALYZER 5GHz	FSB	849670/001	R&S	Pre-test Use	
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	2012/7/3	2013/7/2
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2012/9/5	2013/9/4
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2012/9/5	2013/9/4
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	2012/10/12	2013/10/11
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2012/8/01	2013/7/31
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	EMCO	2013/3/4	2014/3/3
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 049	TRILOG Super Broadband test Antenna	VULB 9160	9160-3185	Schwarzbeck	2013/3/21	2014/3/20
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2013/3/4	2014/3/3
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2013/3/4	2014/3/3
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2013/3/4	2014/3/3
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2012/5/29	2013/5/28
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2013/3/4	2014/3/3
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2012/11/28	2013/11/27
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	Function Test	
ETSTW-RE 069	Double-Ridged Guide Horn Antenna	3117	00069377	EMCO	Function Test	
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2012/10/5	2013/10/4
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2012/10/12	2013/10/11
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2013/3/4	2014/3/3
ETSTW-RE 106	Humidity Temperature Meter	TES-1366	091011113	TES	2012/12/4	2013/12/3
ETSTW-RE 111	TRILOG Super Broadband test Antenna	VULB 9160	9160-3309	Schwarzbeck	2012/12/13	2013/12/12
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	None	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2013/1/11	2014/1/10
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	



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

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ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2012/7/3	2013/7/2
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2012/8/18	2013/8/17
ETSTW-RE 126	5GHz Notch filter	5NSL11-5800/E221.3-O/O	1	K&L Microwave	2012/8/18	2013/8/17
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2013/3/4	2014/3/3
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2012/10/5	2013/10/4
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40/12+9SS	3	WI	2013/1/11	2014/1/10
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2013/1/11	2014/1/10
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2013/1/11	2014/1/10
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2013/1/11	2014/1/10
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2012/9/18	2013/9/17
ETSTW-Cable 010	BNC Cable	5 M BNC Cable	None	JYE BAO CO.,LTD.	2013/3/4	2014/3/3
ETSTW-Cable 011	BNC Cable	BNC Cable 1	None	JYE BAO CO.,LTD.	Pre-test Use NCR	
ETSTW-Cable 012	N TYPE To SMA Cable	Cable 012	None	JYE BAO CO.,LTD.	2013/3/4	2014/3/3
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2013/3/4	2014/3/3
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2013/3/4	2014/3/3
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2013/3/4	2014/3/3
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2013/3/4	2014/3/3
ETSTW-Cable 022	N TYPE Cable	5006	0002	JYE BAO CO.,LTD.	2013/3/26	2014/3/25
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2013/3/4	2014/3/3
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2013/3/4	2014/3/3
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2012/10/12	2013/10/11
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2012/10/12	2013/10/11
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2013/3/4	2014/3/3
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104 (S_Cable 10)	238092	HUBER+SUHNER	2012/11/28	2013/11/27
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2012/11/28	2013/11/27
ETSTW-Cable 047	Microwave Cable	SUCOFLEX 104	325518	HUBER+SUHNER	2012/11/28	2013/11/27
ETSTW-Cable 053	N TYPE To SMA Cable	RG142	None	JYE BAO CO.,LTD.	2013/3/26	2014/3/25
ETSTW-Cable 054	BNC To SMA Cable	RG142	None	JYE BAO CO.,LTD.	2013/3/26	2014/3/25
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMCA	None	Farad	Version ETS-03A1	

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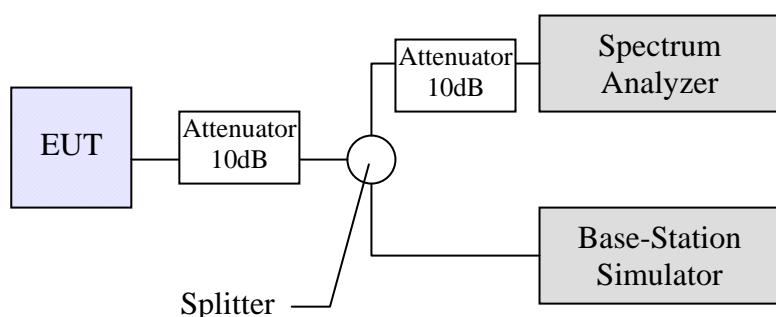
### 3. RF Power Output

#### 3.1 Test procedure

##### 3.1.1 Conducted Method

Per 47CFR Part 2.1046, the RF power output shall be measured at the RF output terminals and following procedure is employed:

The transmitter output was connected as the following figure:



The whole connection system is calibrated with a standard signal generator. Power on and make a link from simulator to EUT and then set the EUT to maximum output power.

Measure the RF power with the spectrum analyzer in accordance the following settings:

RBW: 300 kHz for Frequency below 1GHz and 1MHz for Frequency equal to and above 1GHz.

VBW: 300 kHz for Frequency below 1GHz and 1MHz for Frequency equal to and above 1GHz.

Span: 2MHz

Sweep: 3s

The power output at the transmitter antenna terminal is then determined by assign the value of the corrected factor to the spectrum analyzer reading.

Tests were performed at three frequencies (low, middle and high channels ) and operation mode selected.

##### 3.1.2 Radiated Method

If the conducted measurement is not practical due to the integral antenna, the radiated measurement will be performed in accordance the following procedure:

The EUT was positioned on a non-conductive turntable, 0.8m above the ground on an open test site.

The radiated emission at the fundamental frequency was measured at 3m distance with a test antenna and spectrum analyzer.

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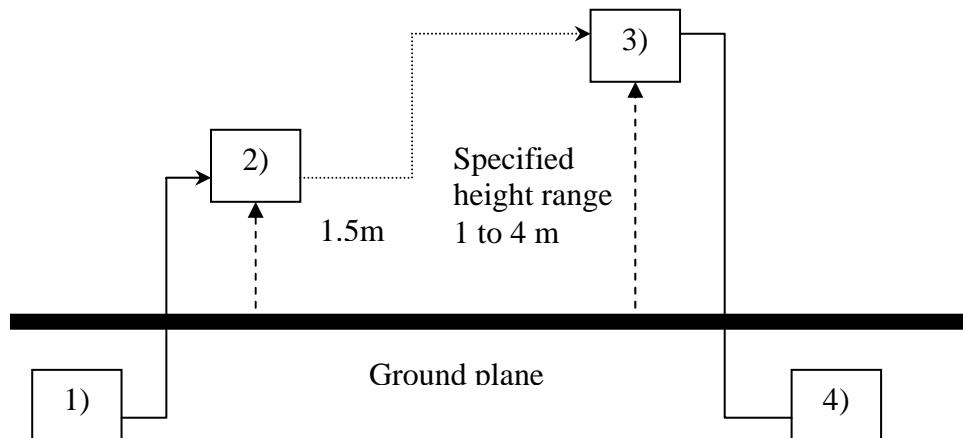
Worst case emission was recorded with the rotation of the turntable and the raising and lowering of the test antenna.

Substitution RF power Measurement at WTS Taiwan

General:

The applied substitution method follows ANSI/TIA/EIA-603,ANSI/TIA/EIA-102.CAAA or the appropriate ETSI rules respectively.

The actual signal generated by the EUT can be determined by means of a substitution measurement in which a known signal source replaces the device to be measured.



- 1) Signal generator;
- 2) Substitution antenna;
- 3) Test antenna;
- 4) Spectrum analyzer or selective voltmeter.

The substitution antenna replaces the transmitter antenna at the same position and in vertical polarization. The frequency of the signal generator shall be adjusted to the measurement frequency.

The test antenna shall be raised or lowered, if necessary, to ensure that the maximum signal is still received. The input signal to the substitution antenna shall be adjusted in level until an equal or a known related level to that detected from the transmitter is obtained in the measurement receiver.

If a fully anechoic chamber is used as test site in order to provide free space conditions there is no need to change the height of the antenna.

The measurement will be repeated in horizontal position.

Calibration:

In order to make this kind of measurement more effective and to avoid subjective measurement faults ETS has installed automatic computer controlled measurement procedures.

With the above described substitution method a test site is calibrated over the full frequency range which is used in suitable frequency steps. For a certain power level on the substitution antenna the received power over the whole frequency range is documented. All necessary antenna gains, cable losses, filter losses and amplifications of preamplifiers are taken in

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consideration. The summary of this calibration measurement performs a transducer factor that is related to the considered test site and a certain measurement distance. Differences of the radiated power levels of different test samples are determined by internal attenuation of measurement receiver. The proper function of such test site will be maintained by short term plausibility checks and periodical re-calibration.

### Testing:

The test sample will be putted on the table at the defined position and the radiated power will be receiver and documented by the measurement receiver.

On test sites with ground plane the measurement antenna will be lowered and raised to maximum values at significant frequencies.

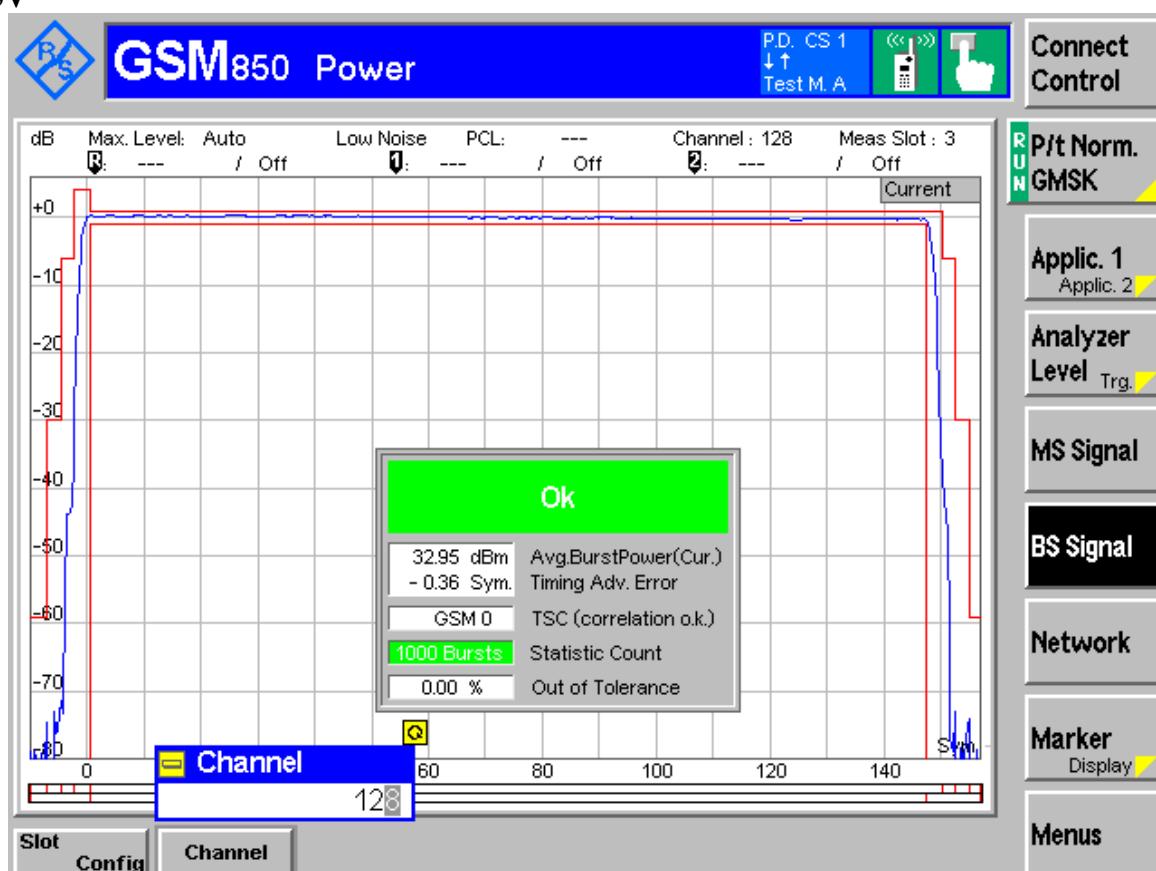
For peak power measurements the sample is turned by the turntable over 360 degree in order to find the direction with the maximum radiation or to document the max reading with the MAXHOLD function during the rotation.

### 3.2 Test Results

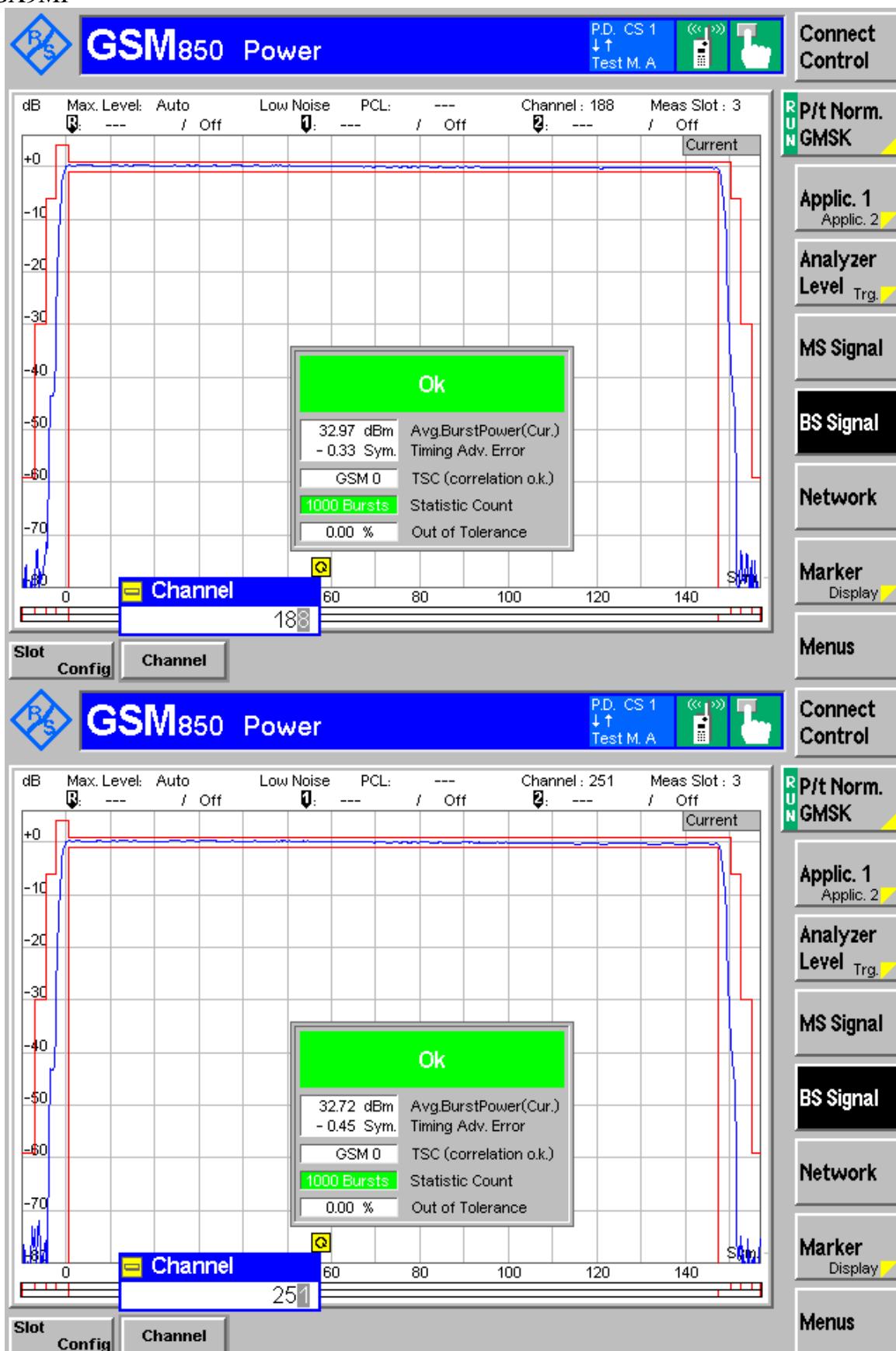
- Conducted Measurement
- Radiated Measurement

#### Band 850 MHz & 1900MHz

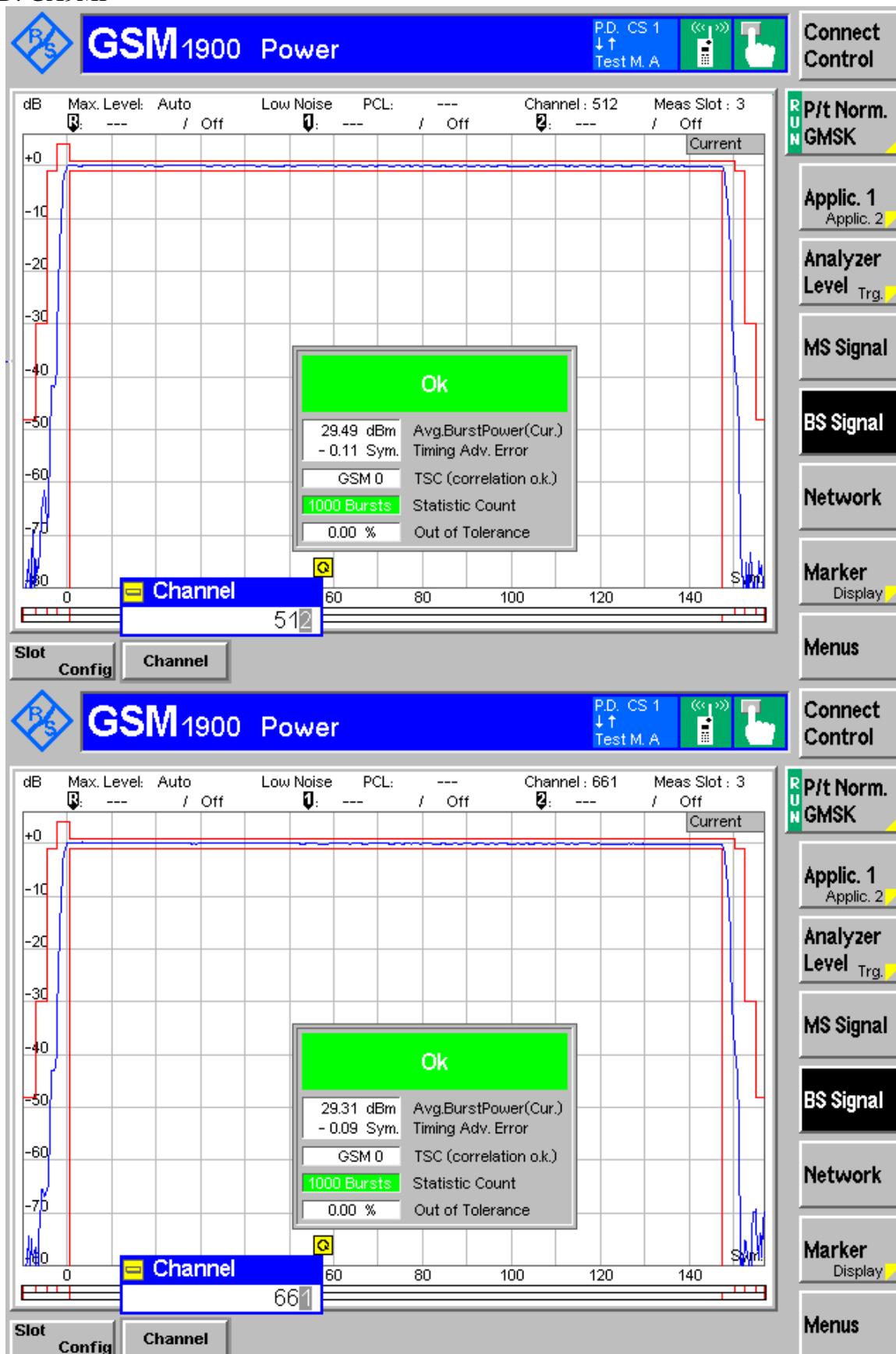
3.5V



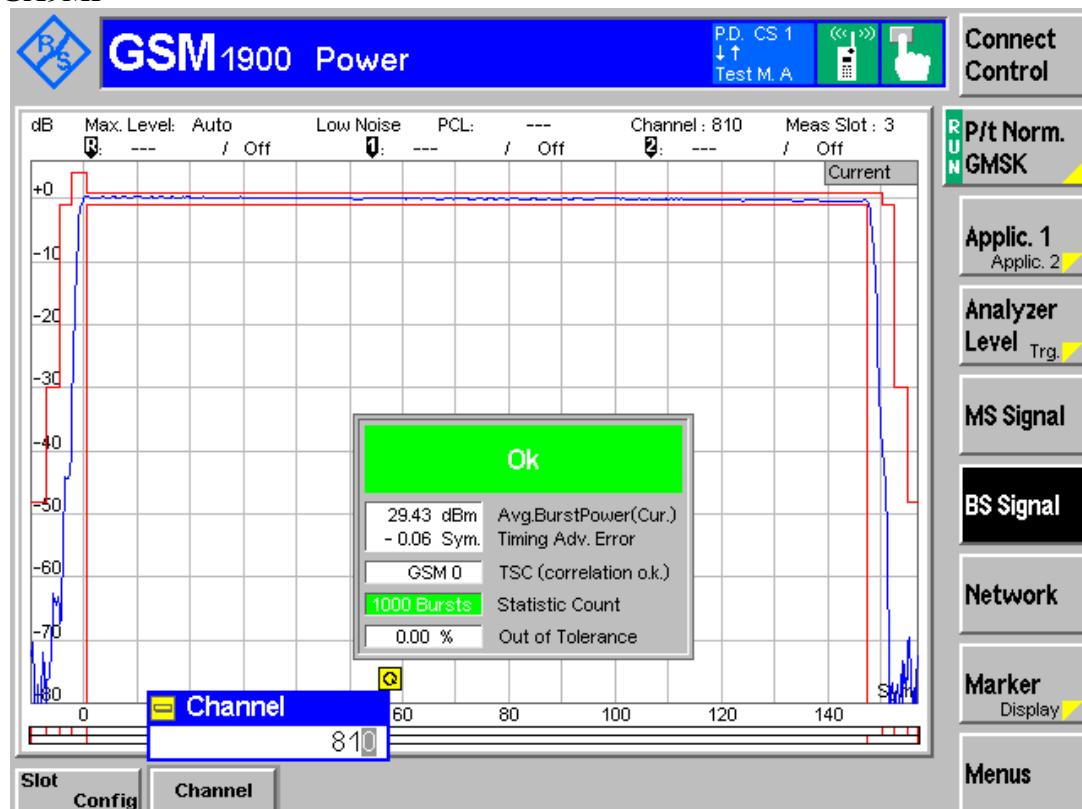
Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP



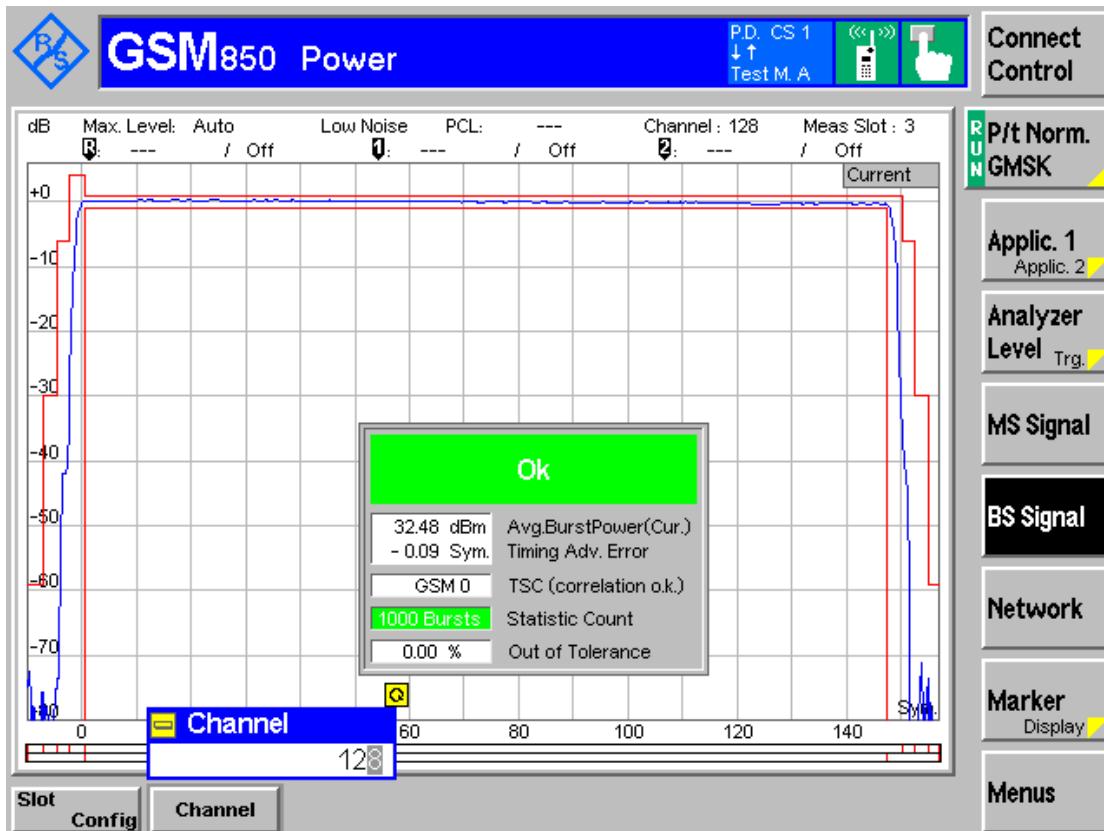
Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP



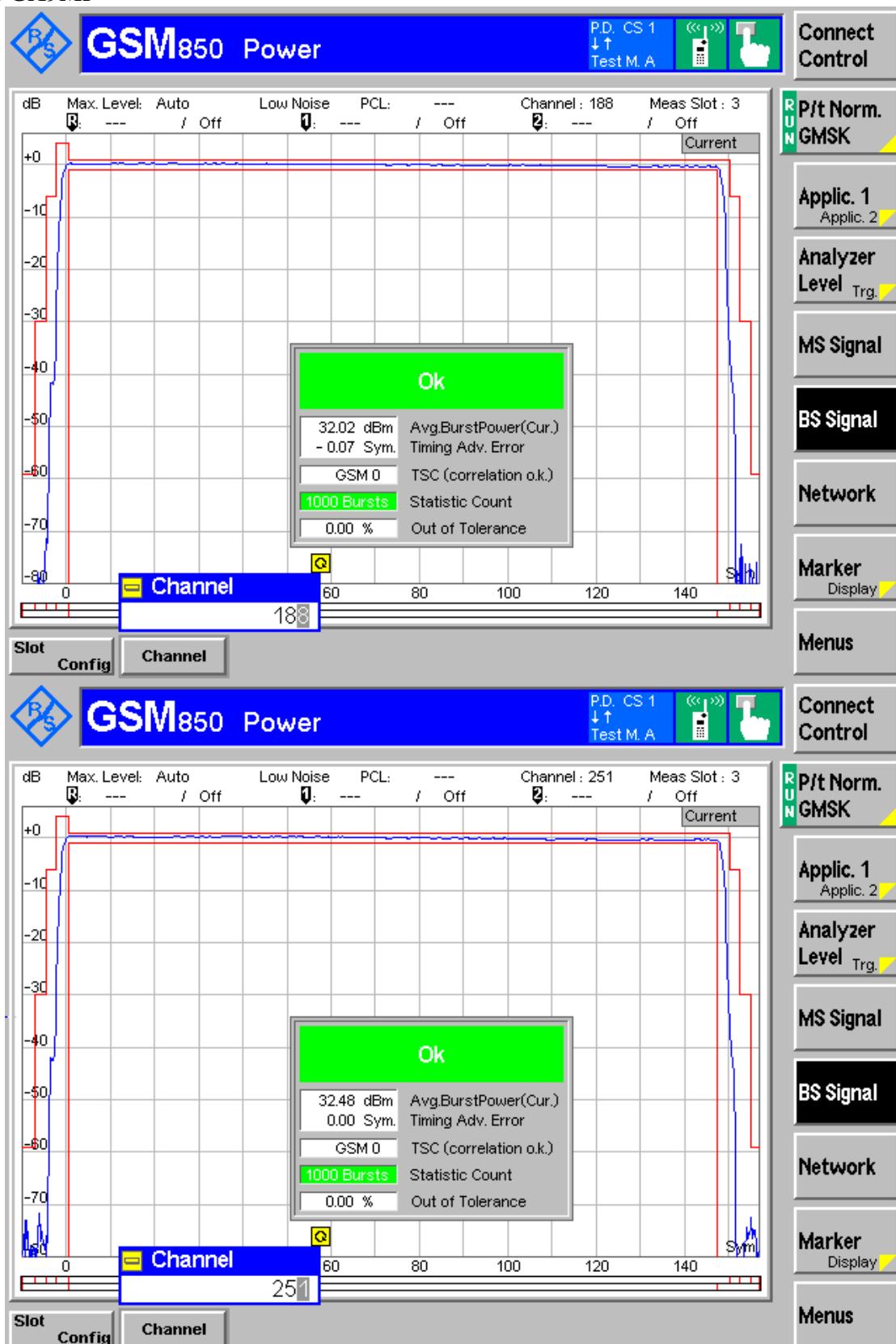
Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP



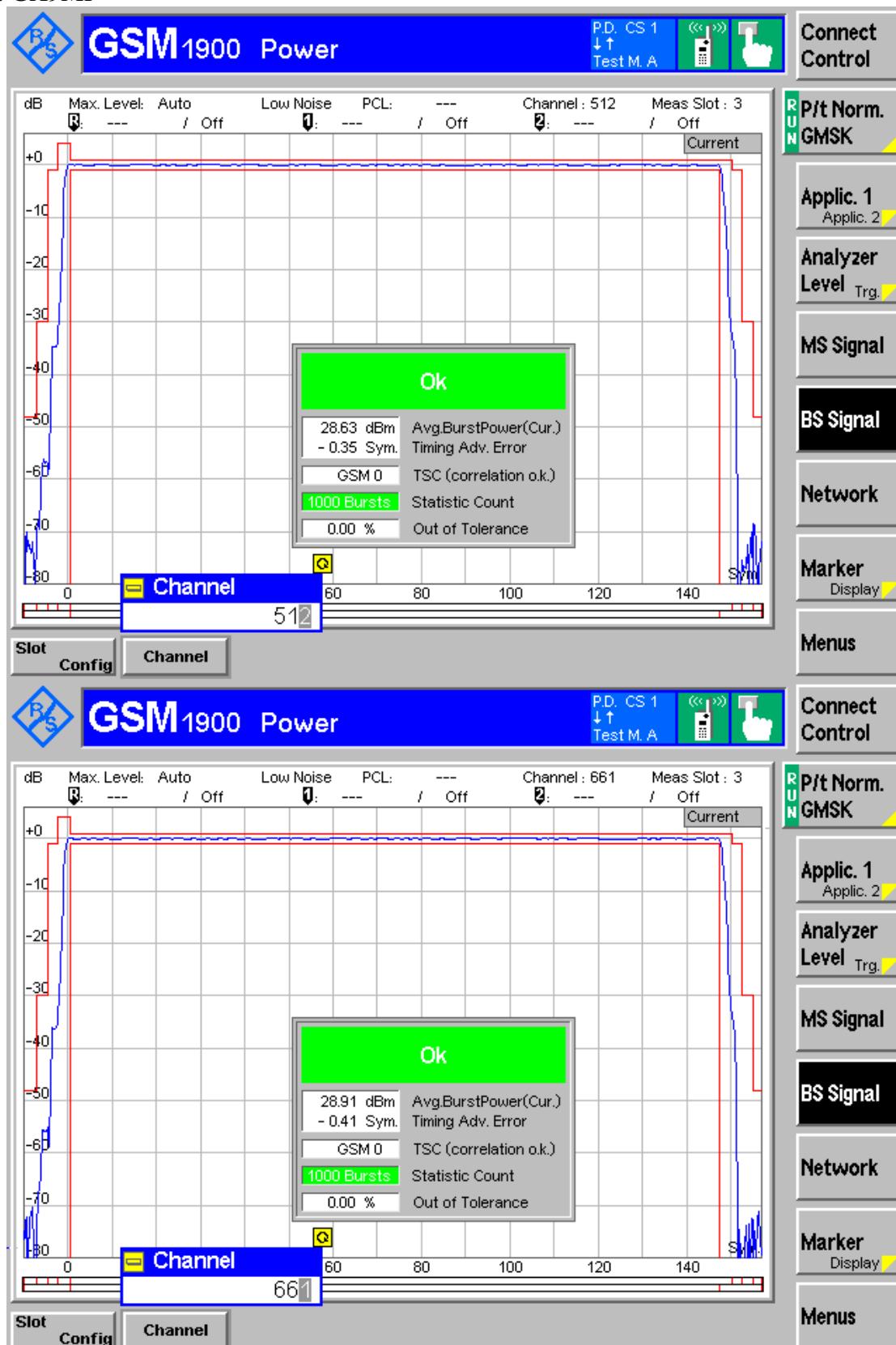
4.07V



Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP



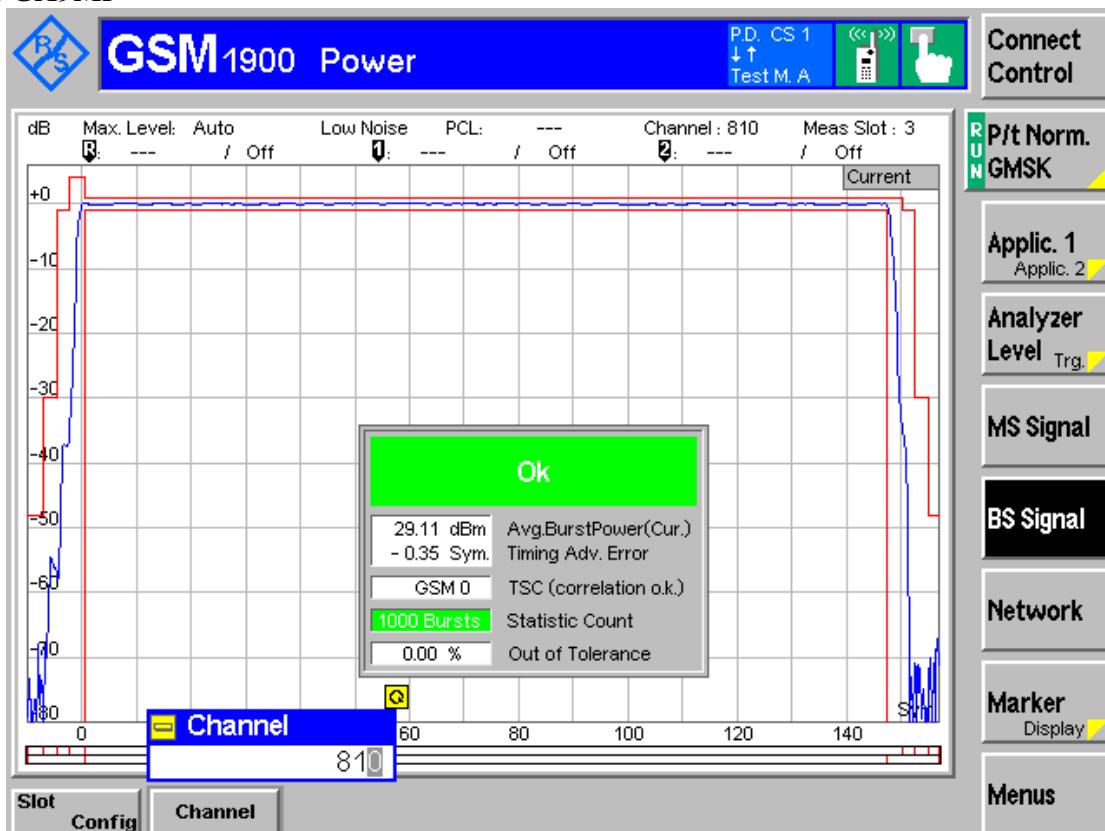
Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP





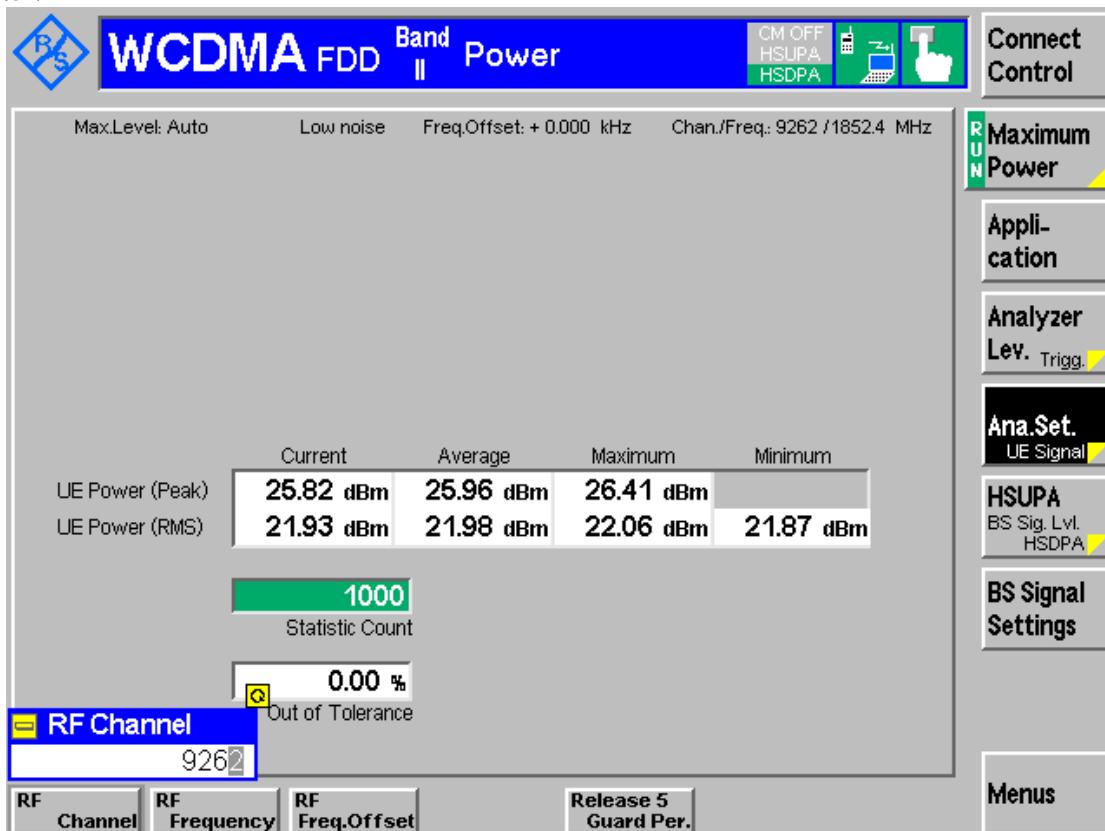
# Worldwide Testing Services(Taiwan) Co., Ltd.

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FCC ID: GX9MP



## Band II

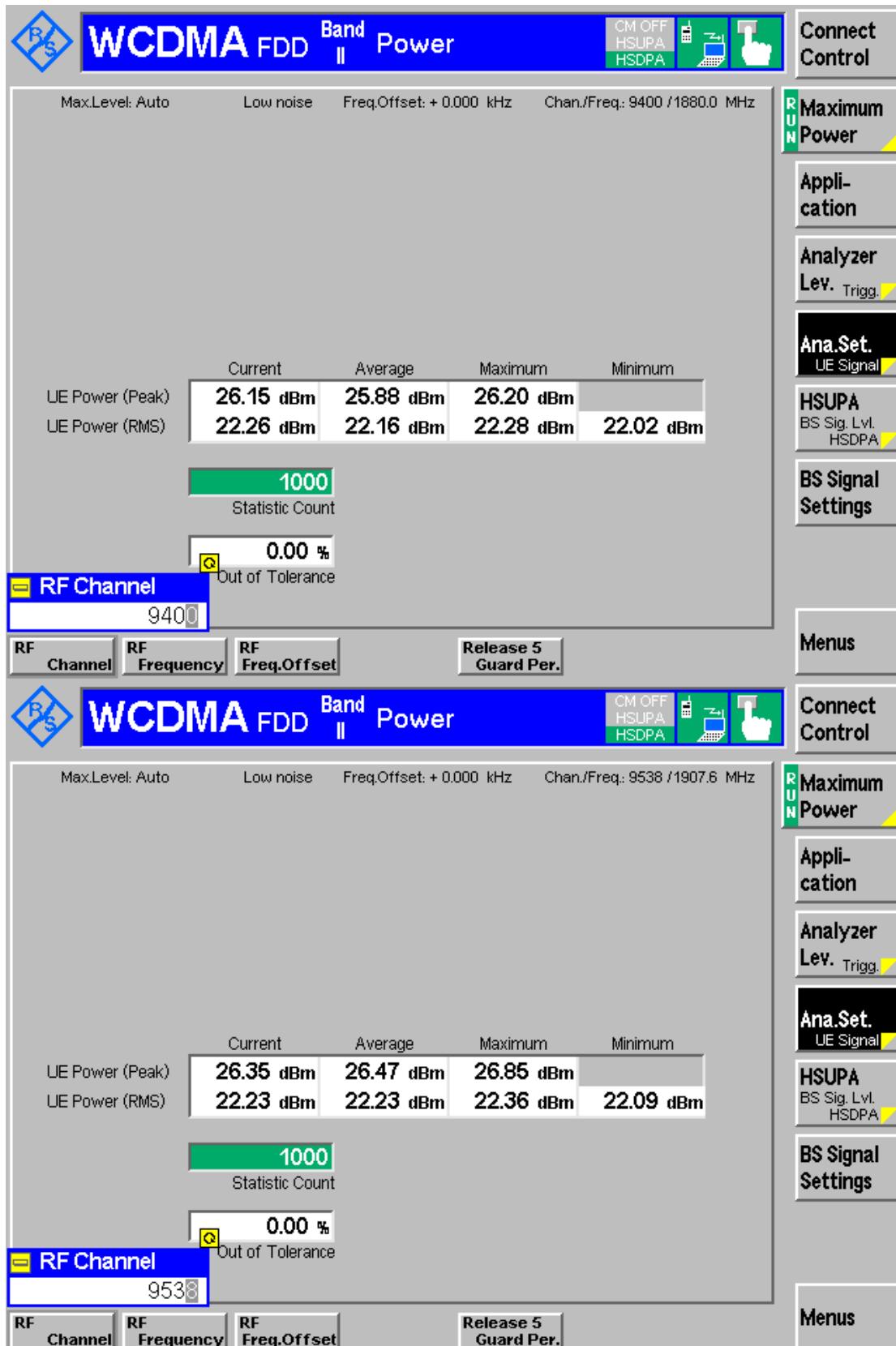
3.5V





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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP



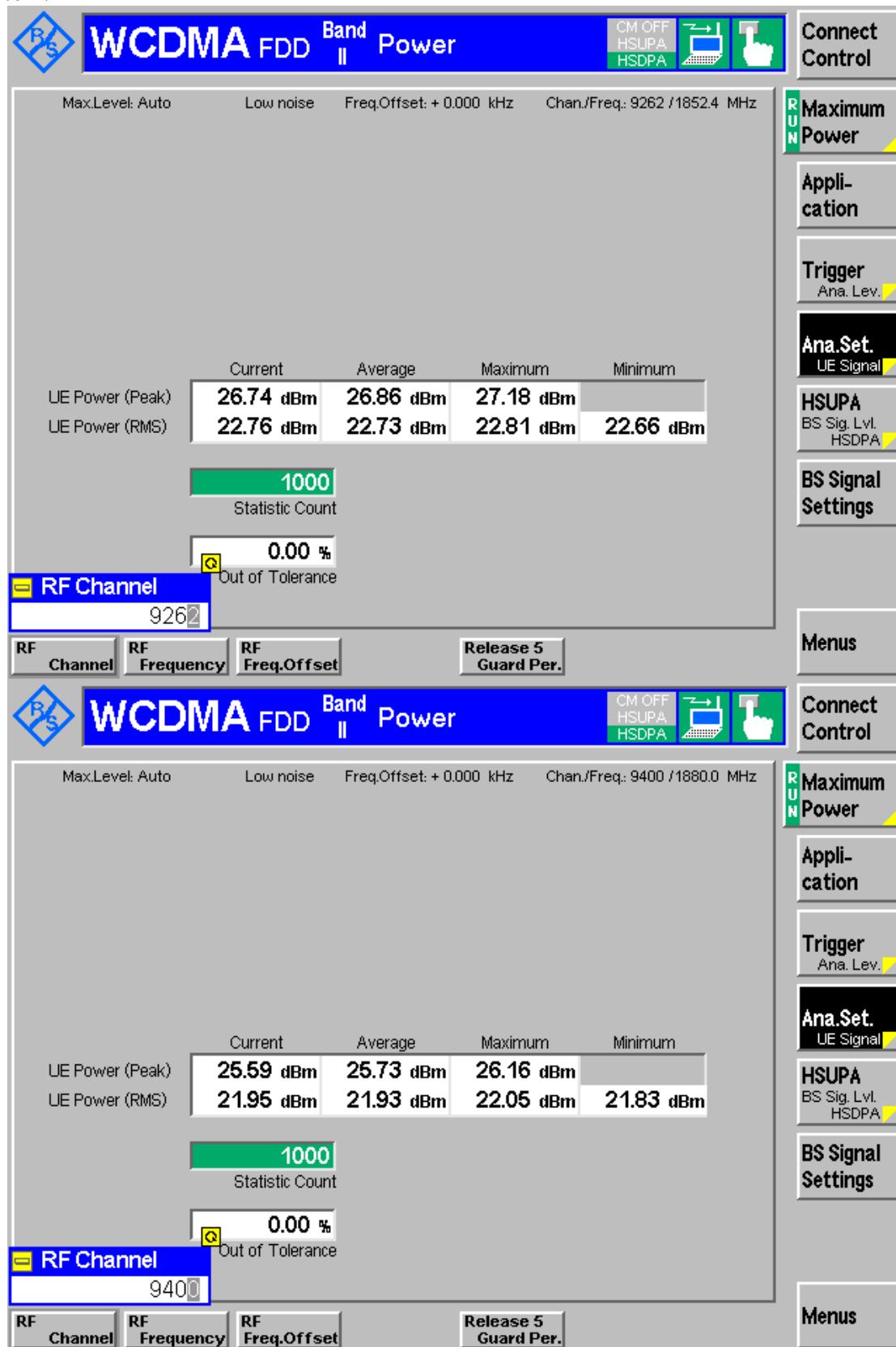


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

4.07V

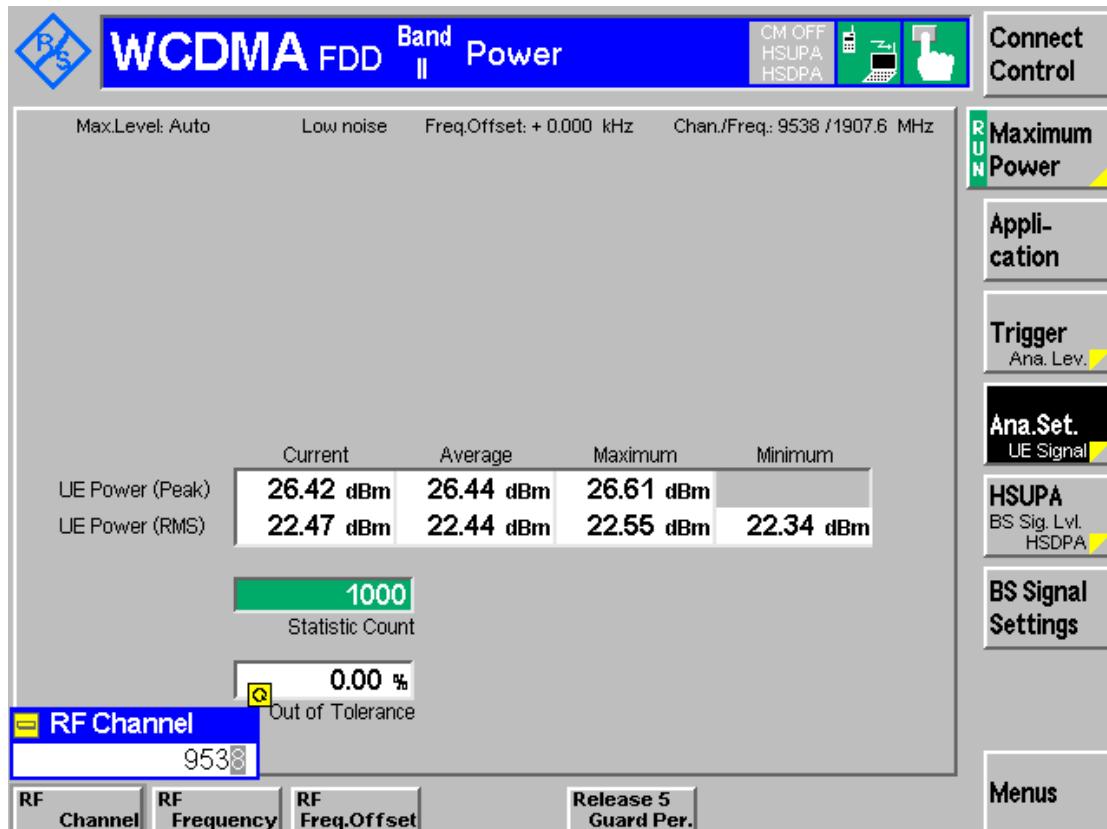




# Worldwide Testing Services(Taiwan) Co., Ltd.

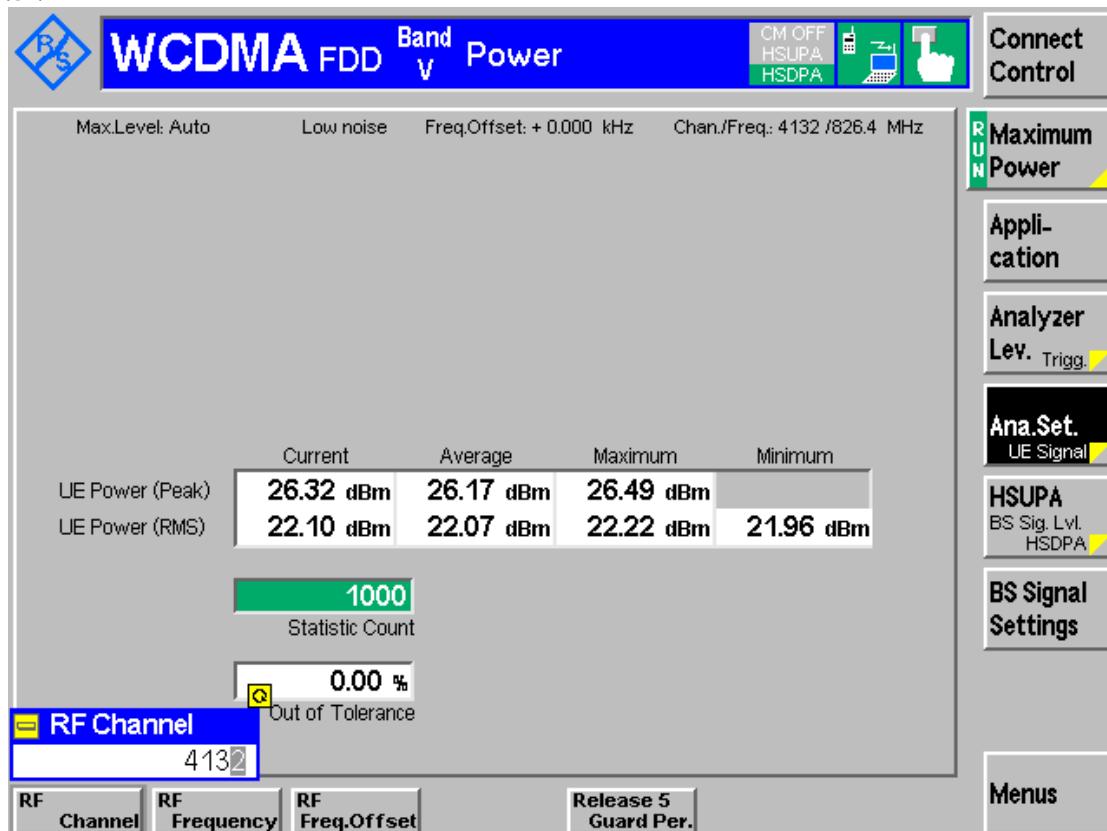
Report Number: W6M21302-13019-P-2224

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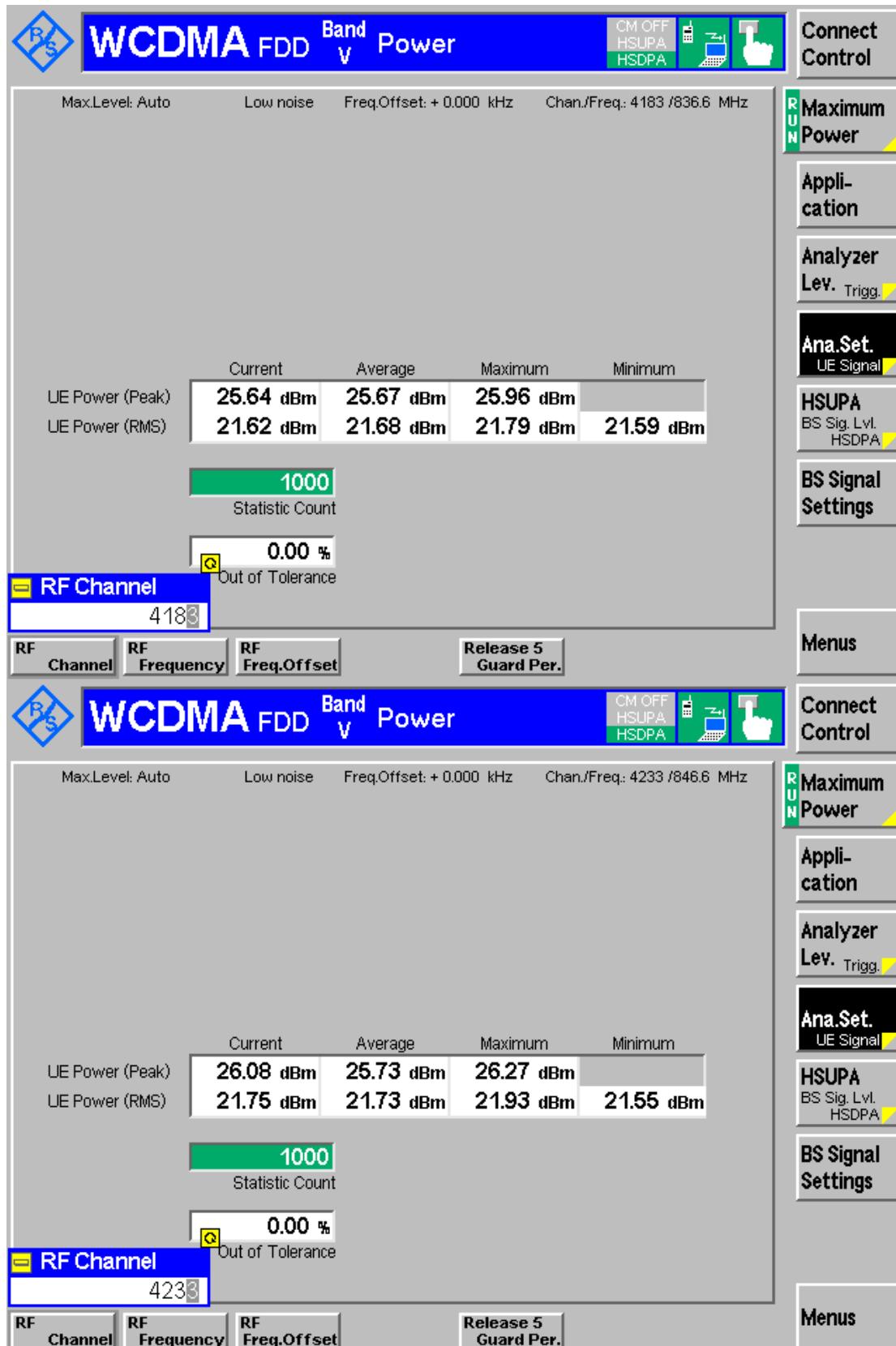


Band V

3.5V



Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP



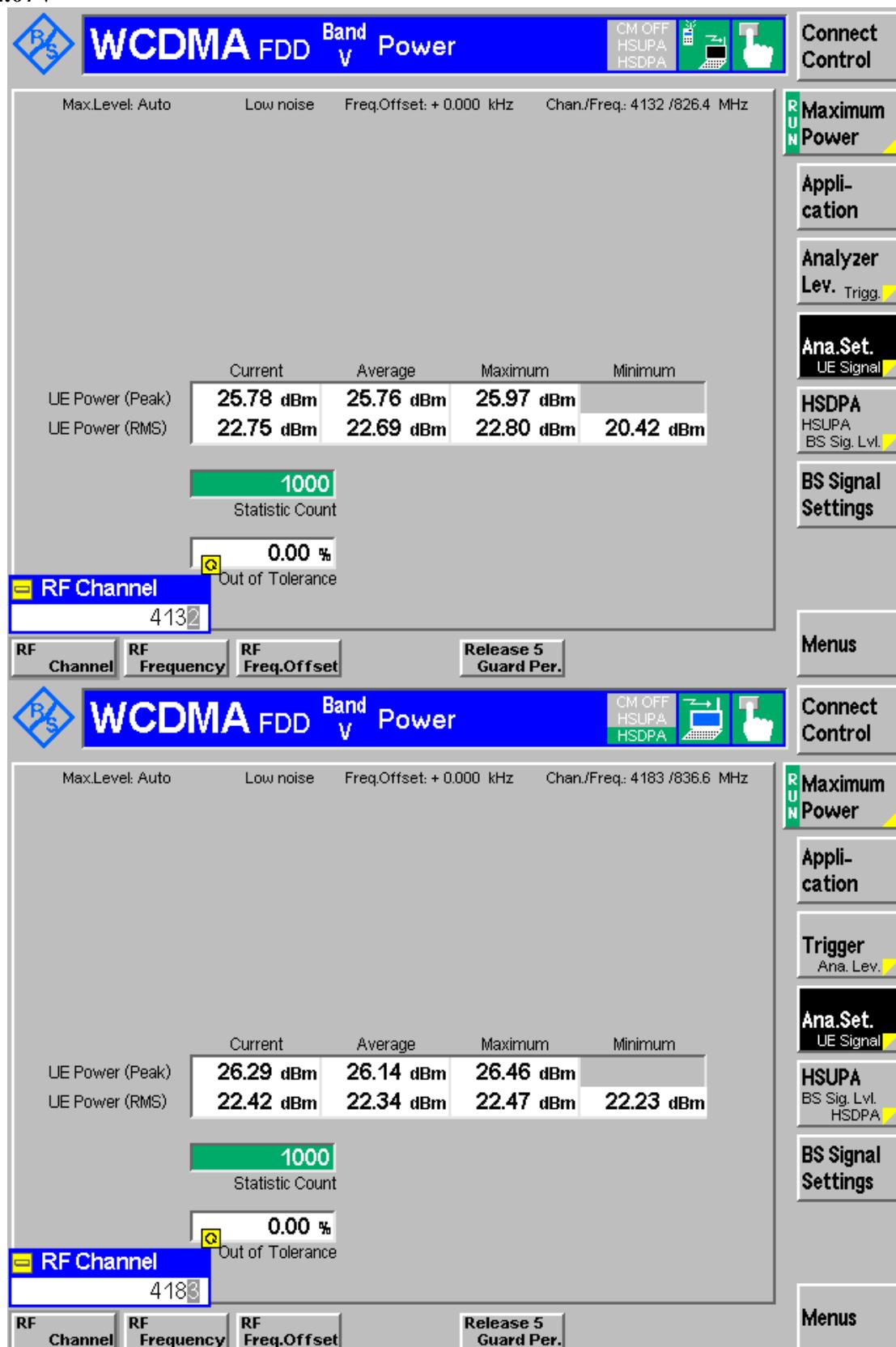


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

4.07V

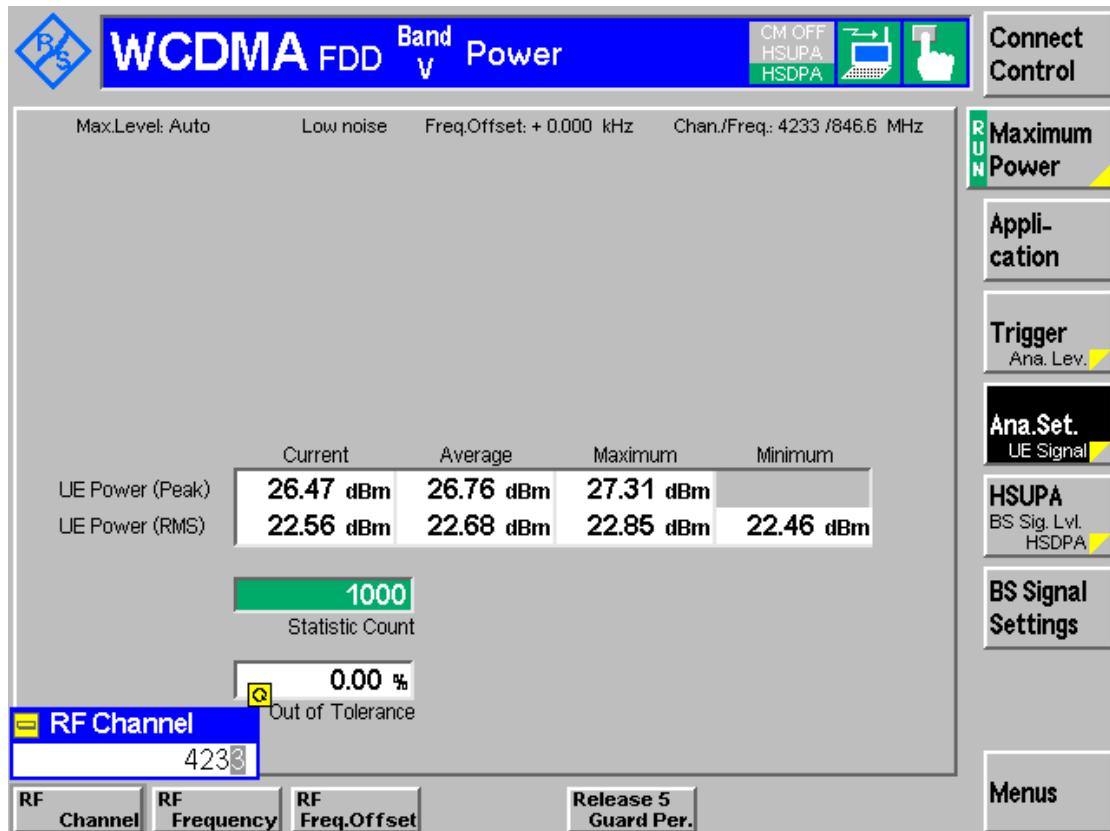




# Worldwide Testing Services(Taiwan) Co., Ltd.

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- Conducted Measurement
- Radiated Measurement

## Band 850 MHz & 1900 MHz

3.5V

Frequency (MHz)	ERP (dBm)	EIRP (dBm)	Limit (dBm)	Result
824.1088	24.64	26.79	38.45	Pass
836.1068	25.33	27.48	38.45	Pass
848.8391	26.10	28.25	38.45	Pass
1850.2470	24.77	26.92	33	Pass
1879.9190	23.99	26.14	33	Pass
1909.7170	24.05	26.20	33	Pass

4.07 V

Frequency (MHz)	ERP (dBm)	EIRP (dBm)	Limit (dBm)	Result
824.1228	24.57	26.72	38.45	Pass
836.1128	25.37	27.52	38.45	Pass
848.8531	26.24	28.39	38.45	Pass
1850.1170	24.74	26.89	33	Pass
1880.0410	24.05	26.20	33	Pass
1909.8550	24.09	26.24	33	Pass



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

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## **Band II & Band V**

### **3.5 V**

Frequency (MHz)	ERP (dBm)	EIRP (dBm)	Limit (dBm)	Result
1851.5280	22.12	24.27	33	Pass
1879.0280	21.72	23.87	33	Pass
1906.1070	21.52	23.67	33	Pass
827.2764	18.82	20.97	38.45	Pass
837.5470	19.28	21.43	38.45	Pass
845.4427	21.18	23.33	38.45	Pass

### **4.07 V**

Frequency (MHz)	ERP (dBm)	EIRP (dBm)	Limit (dBm)	Result
1851.5680	21.96	24.11	33	Pass
1879.1280	21.95	24.10	33	Pass
1906.2870	21.70	23.85	33	Pass
827.6070	19.07	21.22	38.45	Pass
837.5770	19.25	21.40	38.45	Pass
845.2323	20.87	23.02	38.45	Pass

Note: ERP Value=EIRP-2.15

Test equipment: ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 111, ETSTW-GSM 02

Note: Please refer to appendix for plot data.

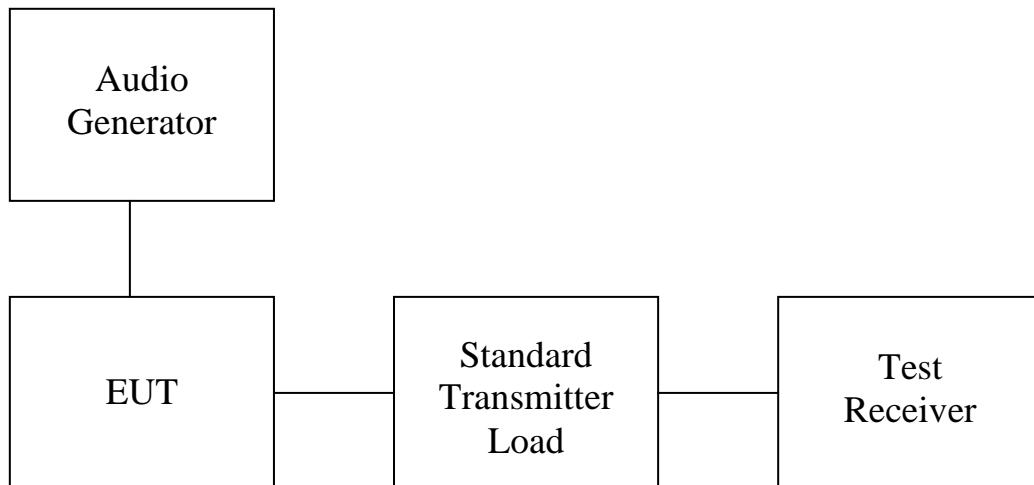
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

## 4. Modulation Characteristics

### 4.1 Test procedure

- A curve or equivalent data showing the frequency response of the audio modulating circuit over a range of 100 to 5000 Hz shall be submitted.  
The audio signal generator is connected to the audio input of the EUT with its full rating. The modulation response is measured at certain modulation frequencies, related to 1000Hz reference signal. Tests are performed for positive and negative modulation.
- Equipment which employs modulation Limiting: A curve or family of curves showing the percentage of modulation versus the modulation input voltage shall be supplied. The audio signal generator is connected to the audio input of the EUT with its full rating. The modulation limiting is measured at certain modulation frequencies from 100Hz to 15kHz.



### 4.2 Test Results

For digital modulation employed, this test item is not applicable.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

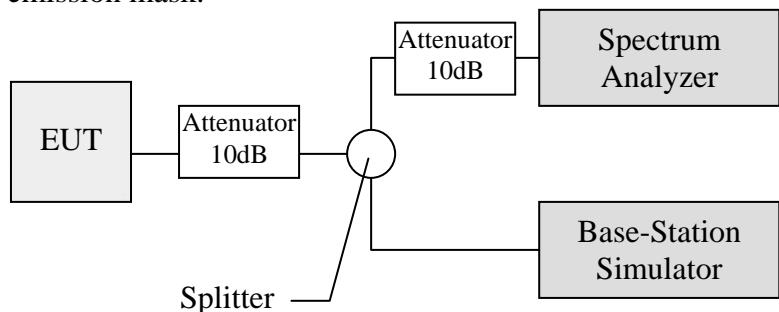
## 5. Occupied Bandwidth

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power. Near the carrier an Emission Mask is defined by the standard.

### 5.1 Test procedure

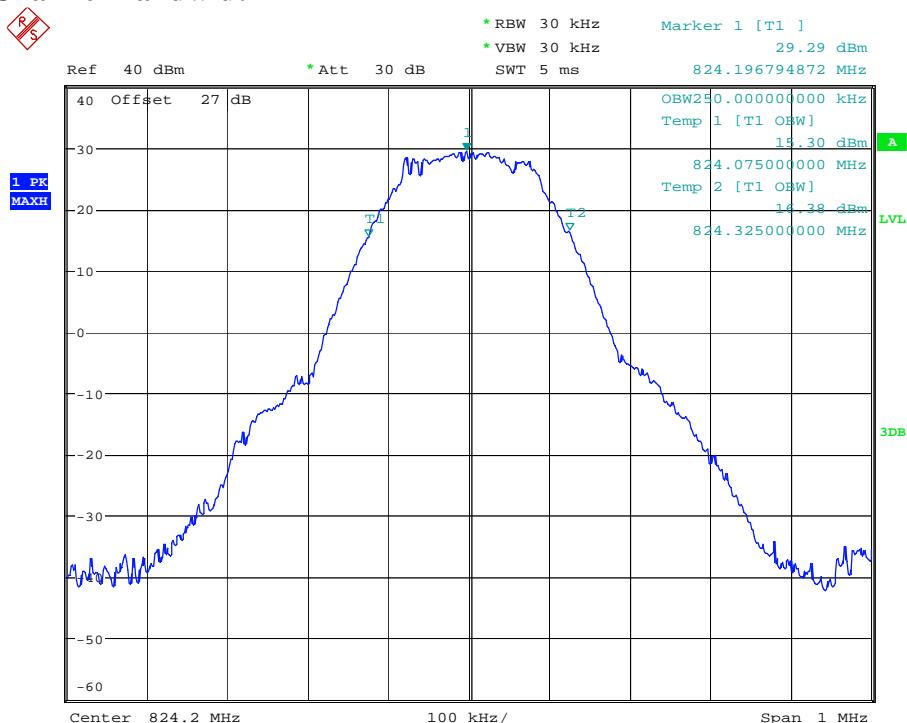
The RF output of the transceiver was connected as the following figure.

Occupied Bandwidth was measured with a occupied bandwidth function of the analyzer at 99% power was occupied. Then set the spectrum analyzer to cover the upper and lower band edges to measure emission mask.



### 5.2 Test Results

#### Occupied Channel Bandwidth

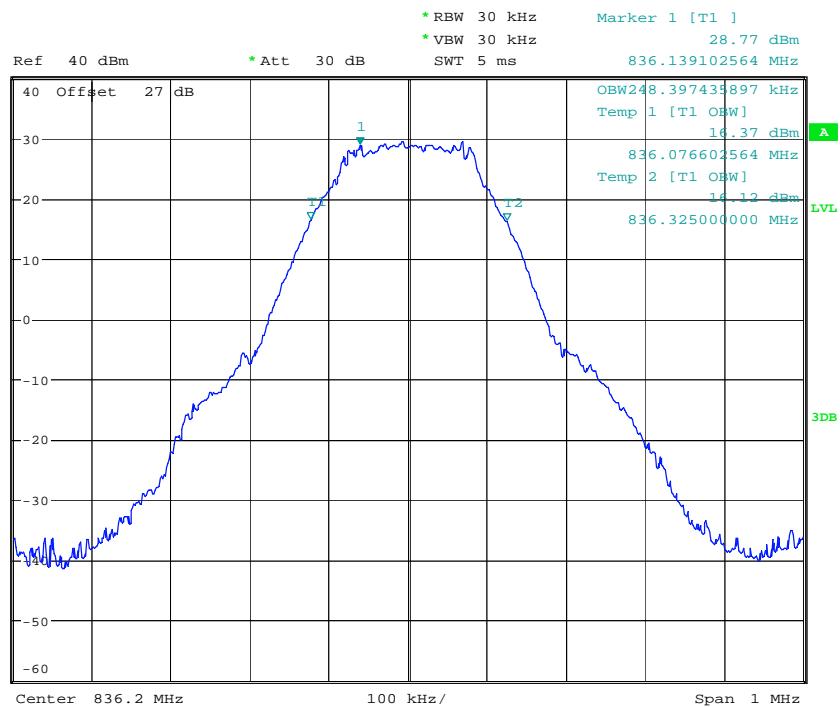


OCCUPIED BANDWIDTH GSM850 CH128

Date: 7.MAR.2013 00:11:40

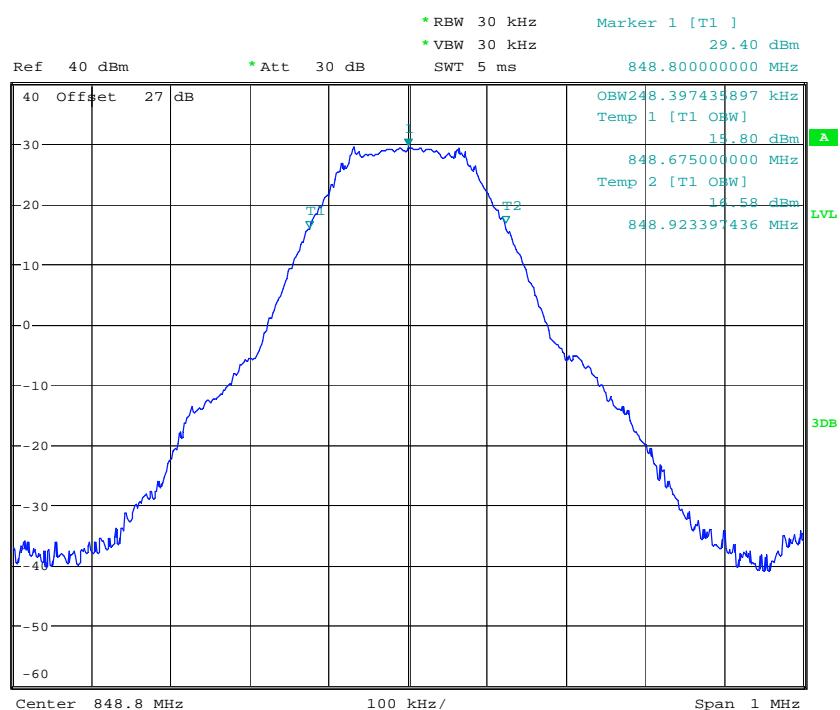
Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP

R  
S



OCCUPIED BANDWIDTH GSM850 CH188  
 Date: 7.MAR.2013 00:11:13

R  
S

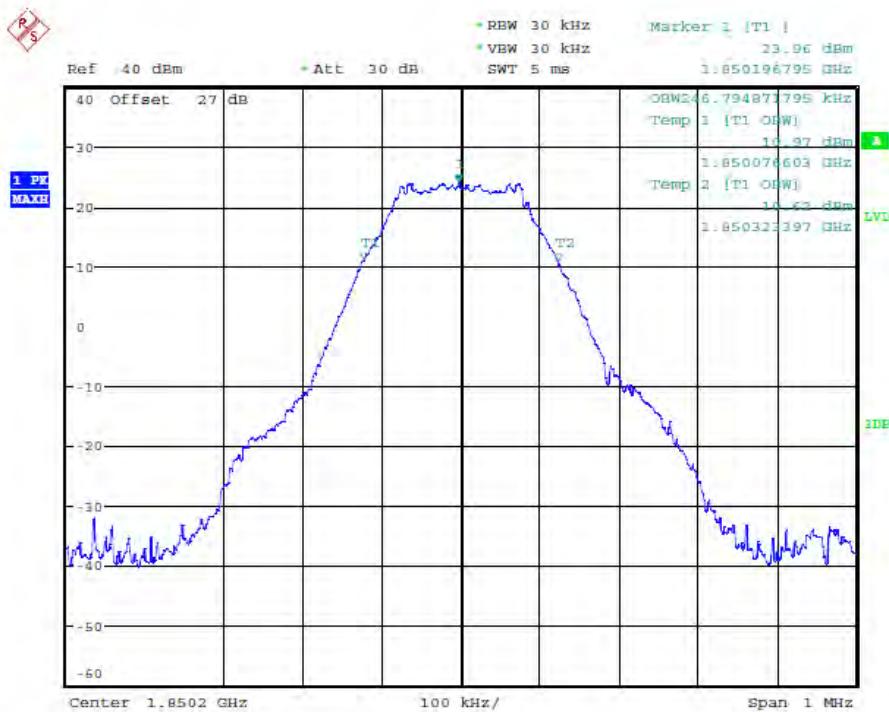


OCCUPIED BANDWIDTH GSM850 CH251  
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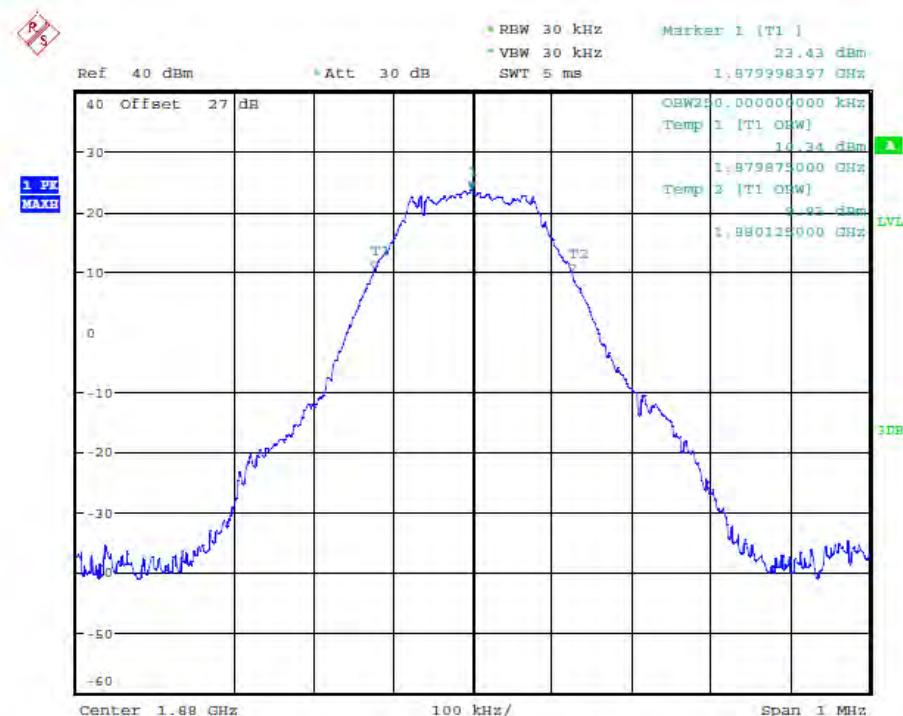
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP



OCCUPIED BANDWIDTH PCS1900 CH512

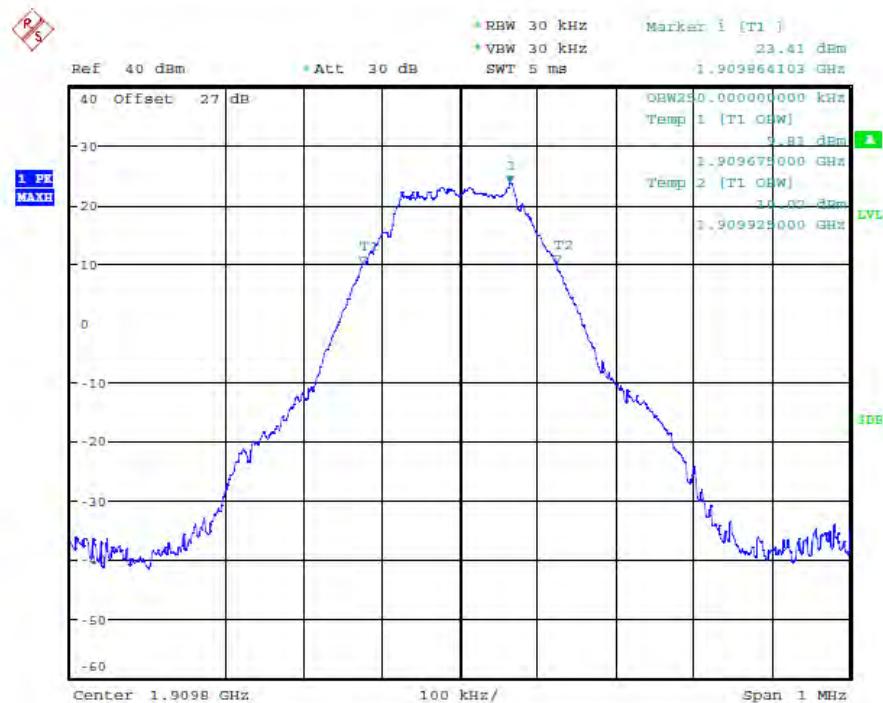
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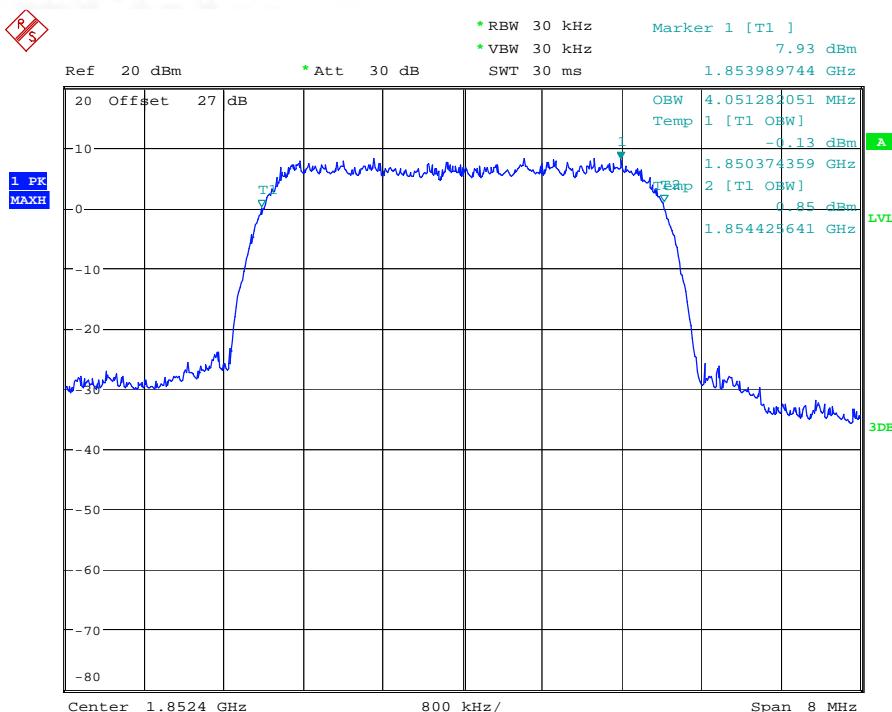
OCCUPIED BANDWIDTH PCS1900 CH661

Date: 6.MAR.2013 21:14:00

Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP



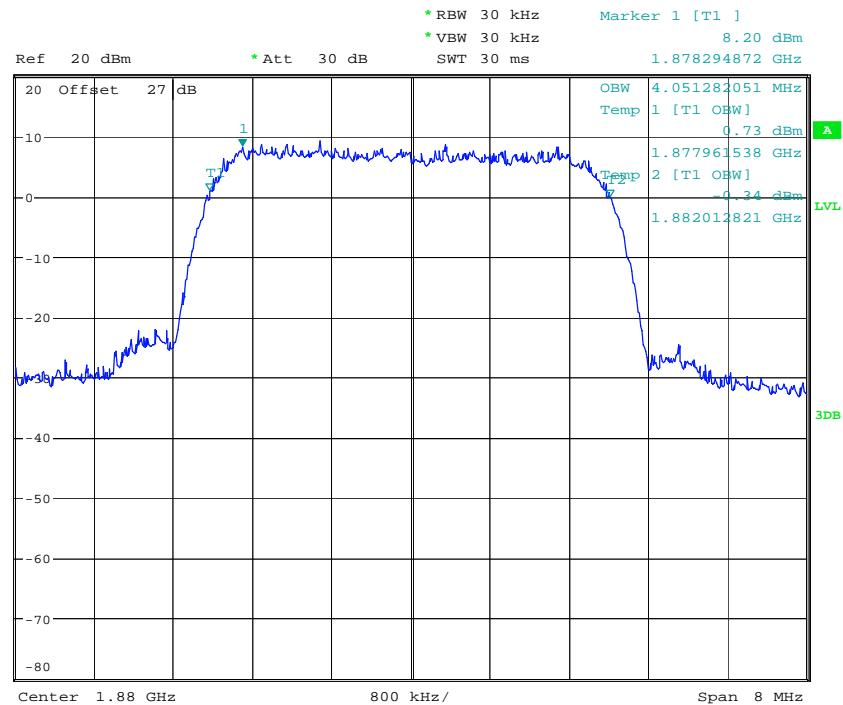
OCCUPIED BANDWIDTH PCS1900 CH810  
 Date: 6.MAR.2013 21:14:26



OCCUPIED BANDWIDTH WCDMA BAND II CH9262  
 Date: 6.MAR.2013 22:01:02

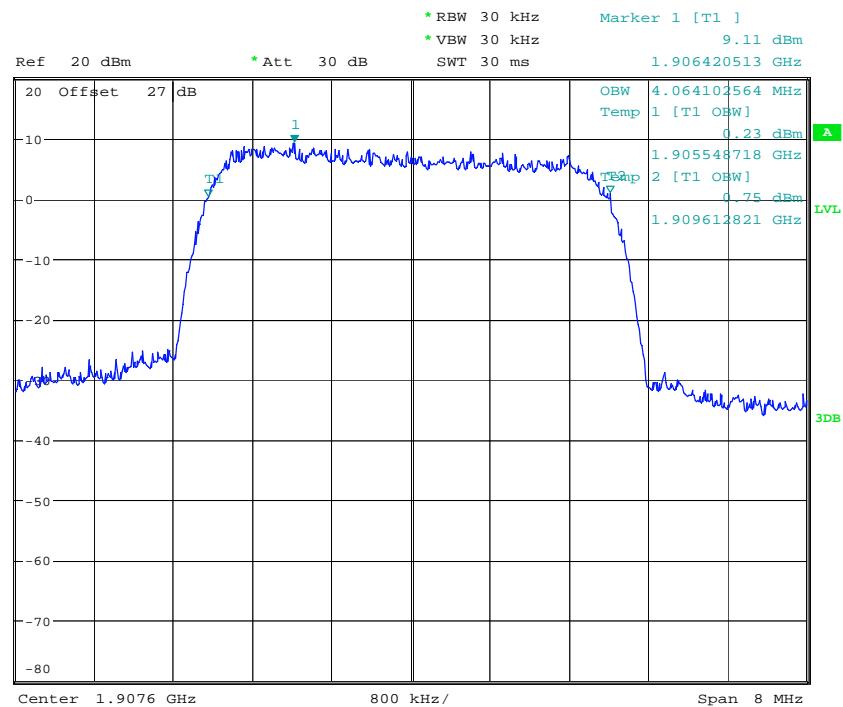
Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP

RS



OCCUPIED BANDWIDTH WCDMA BAND II CH9400  
 Date: 7.MAR.2013 00:00:00

RS

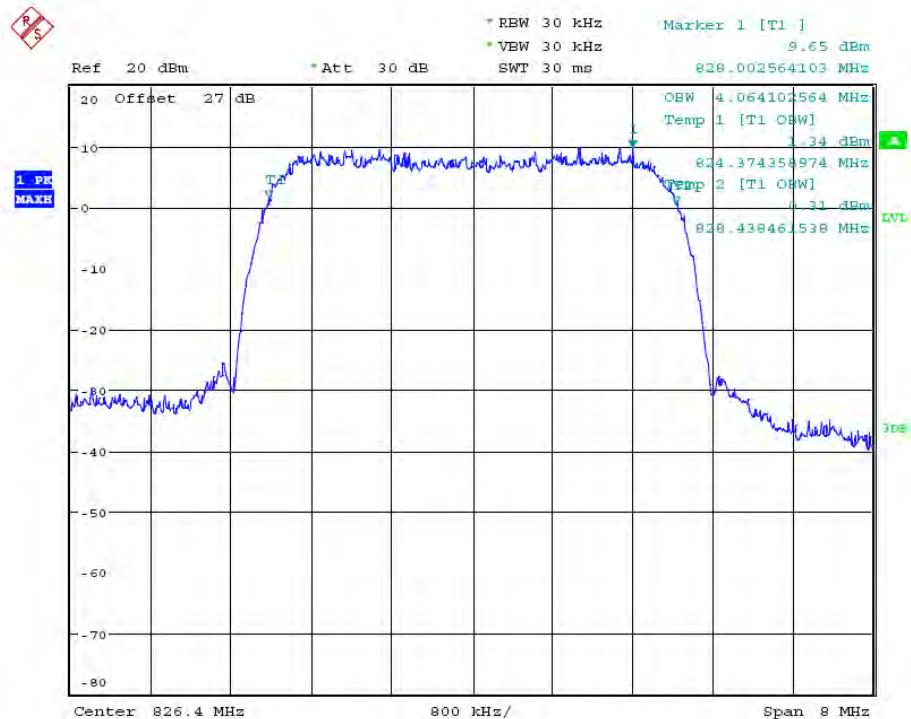


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 Date: 7.MAR.2013 00:00:41

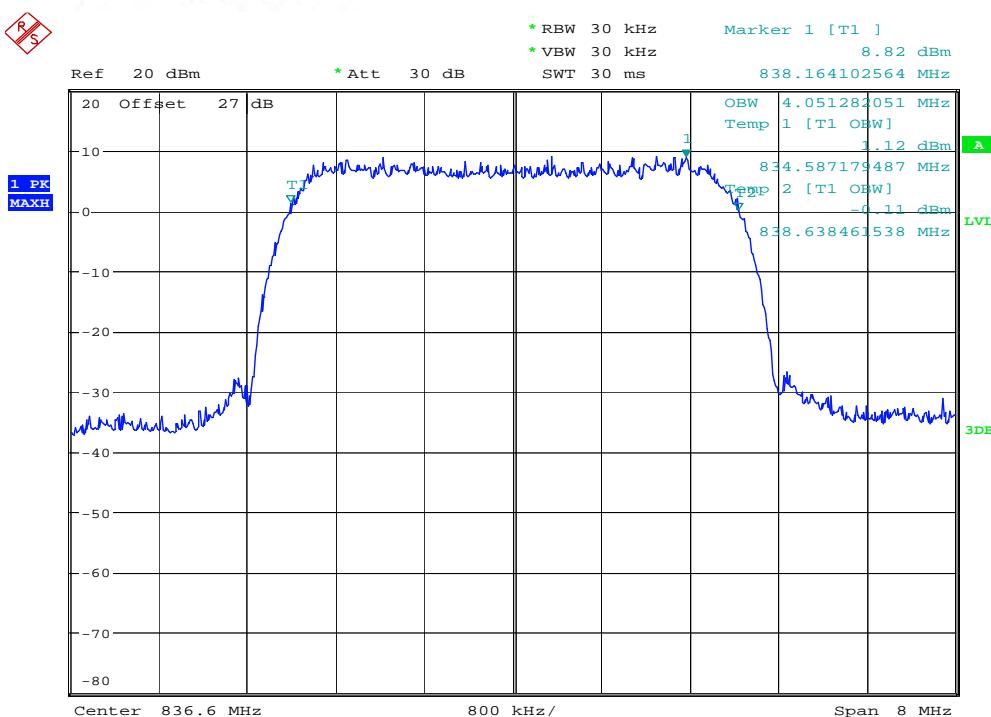


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

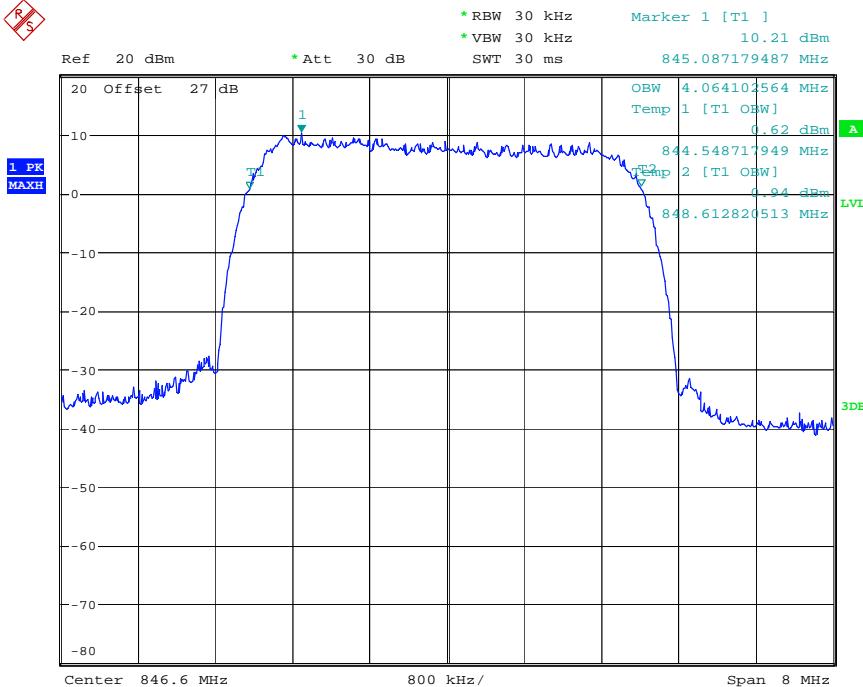


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Date: 6.MAR.2013 21:58:04



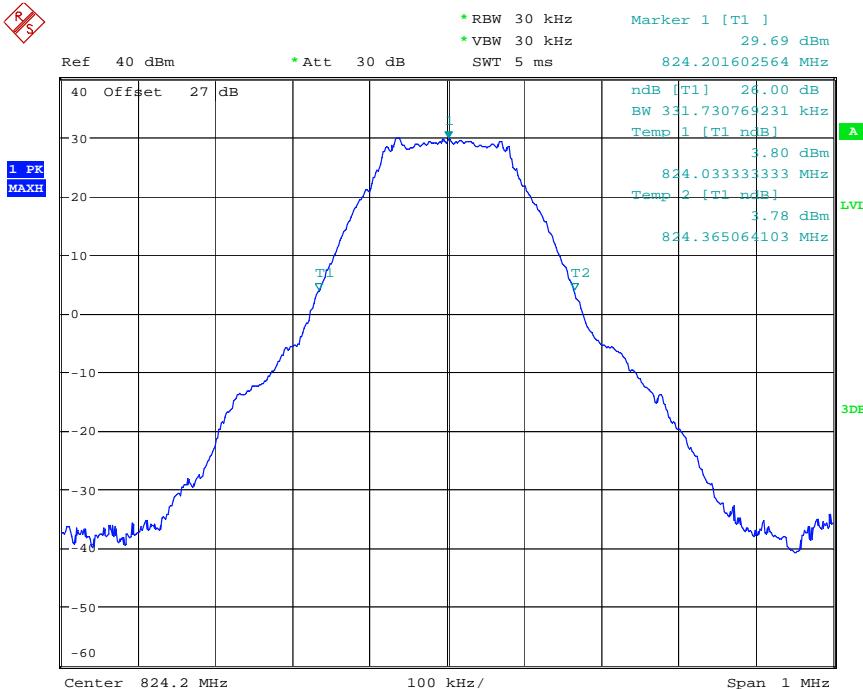
OCCUPIED BANDWIDTH WCDMA BAND V CH4183  
Date: 6.MAR.2013 21:57:35

Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP



OCCUPIED BANDWIDTH WCDMA BAND V CH4233  
 Date: 6.MAR.2013 21:56:56

## 26dB Channel Bandwidth

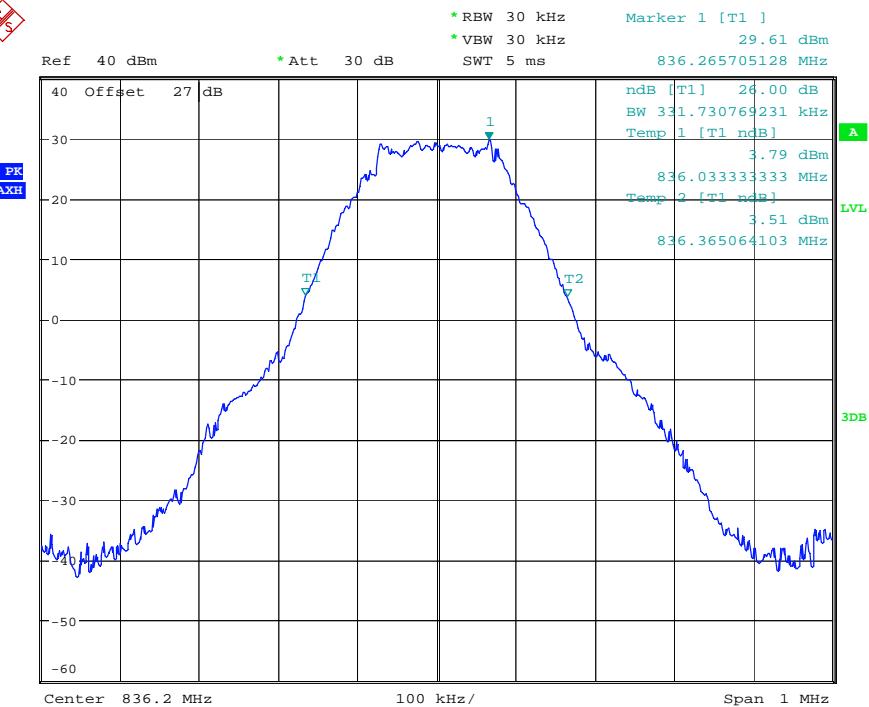


26DB BANDWIDTH GSM850 CH128  
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Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

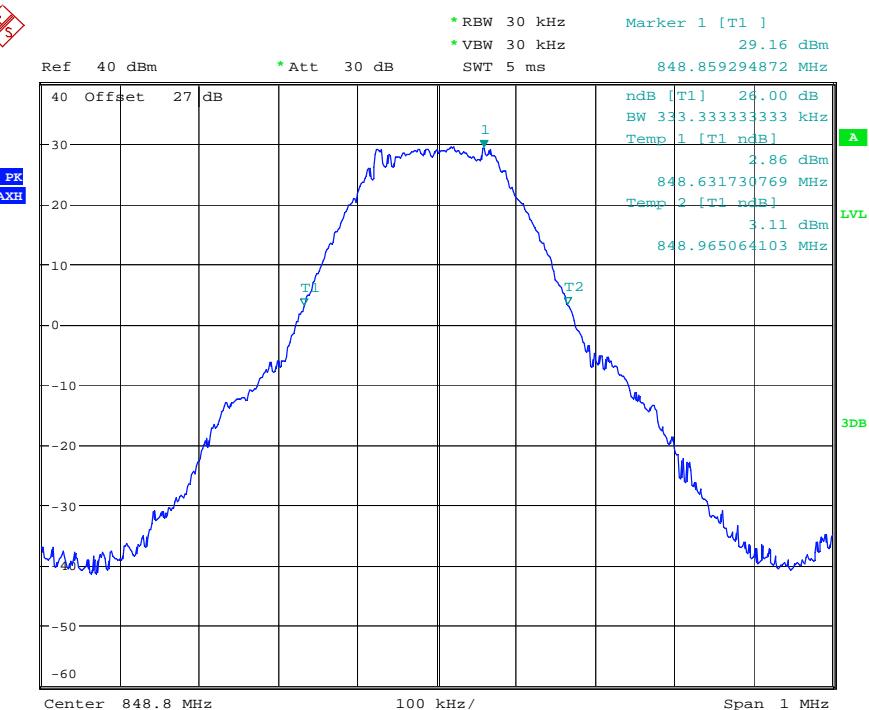
~~R~~  
S



26DB BANDWIDTH GSM850 CH188

Date: 7.MAR.2013 00:09:28

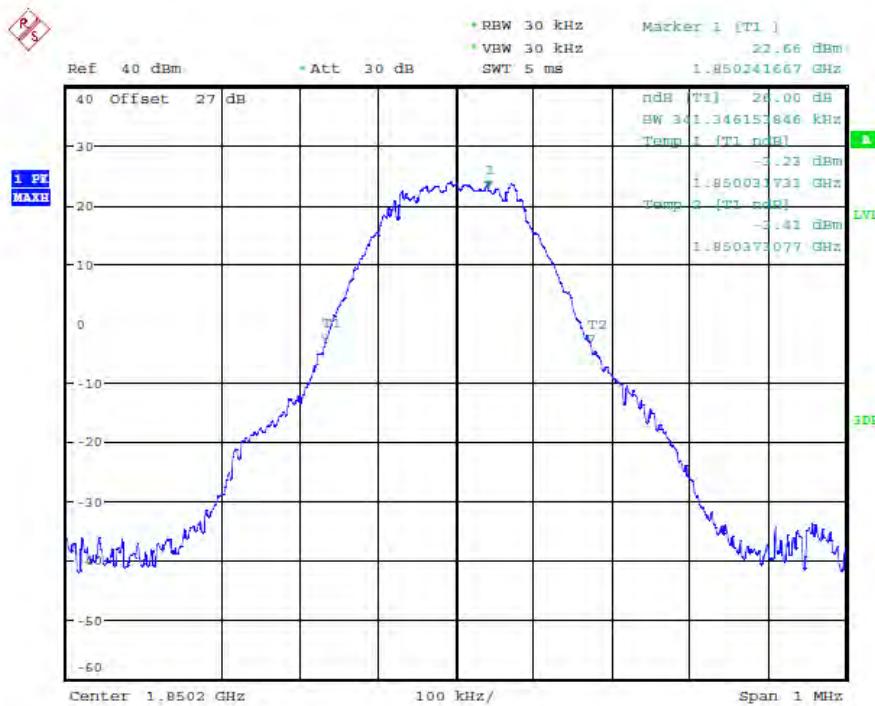
~~R~~  
S



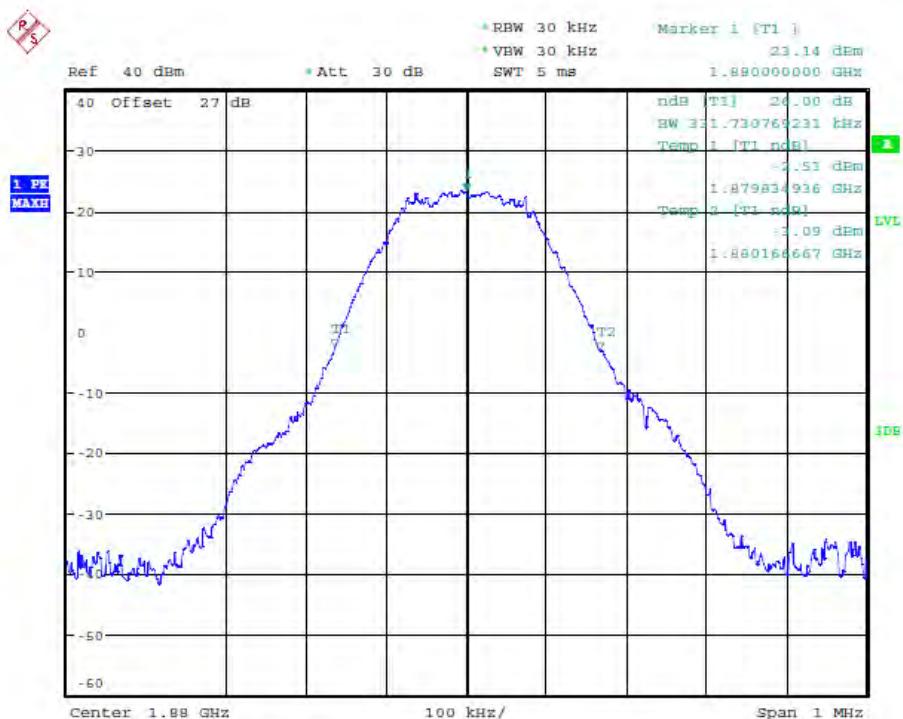
26DB BANDWIDTH GSM850 CH251

Date: 7.MAR.2013 00:09:51

Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP

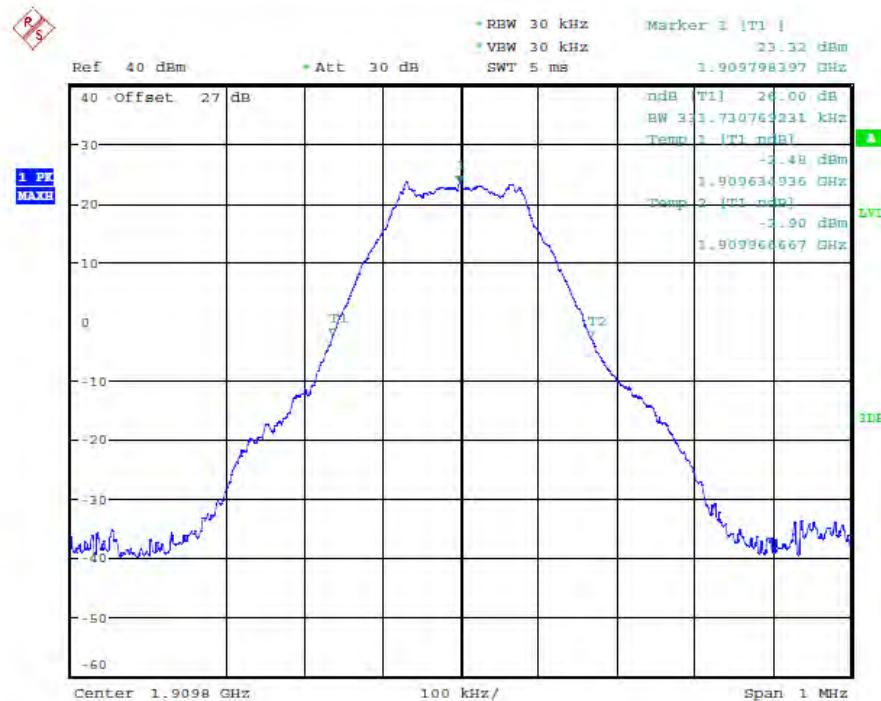


26DB BANDWIDTH PCS1900 CH512  
 Date: 6.MAR.2013 21:16:13



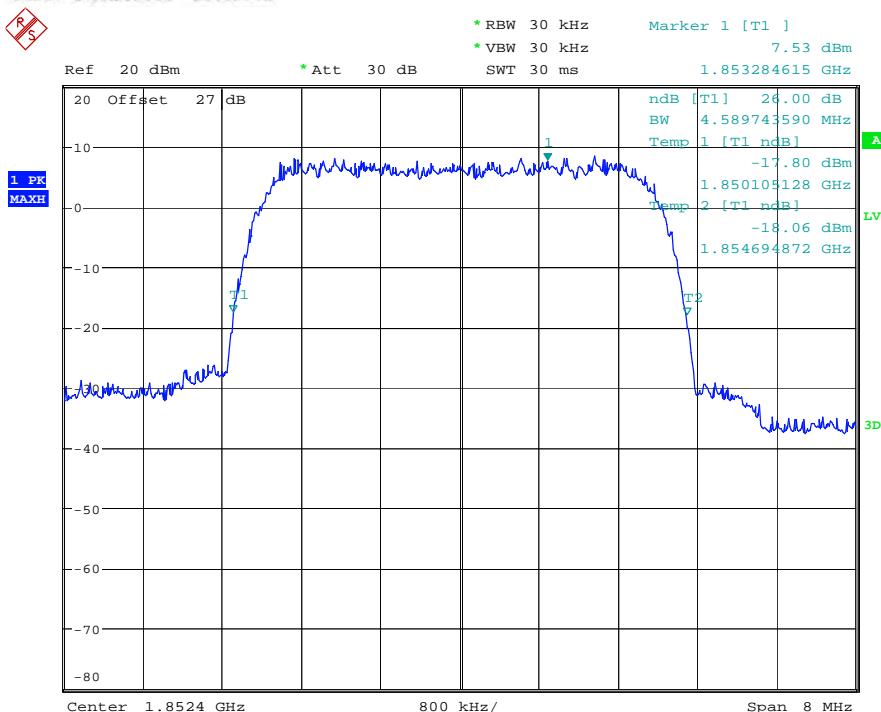
26DB BANDWIDTH PCS1900 CH661  
 Date: 6.MAR.2013 21:15:35

Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP



26DB BANDWIDTH PCS1900 CH810

Date: 6.MAR.2013 21:15:05

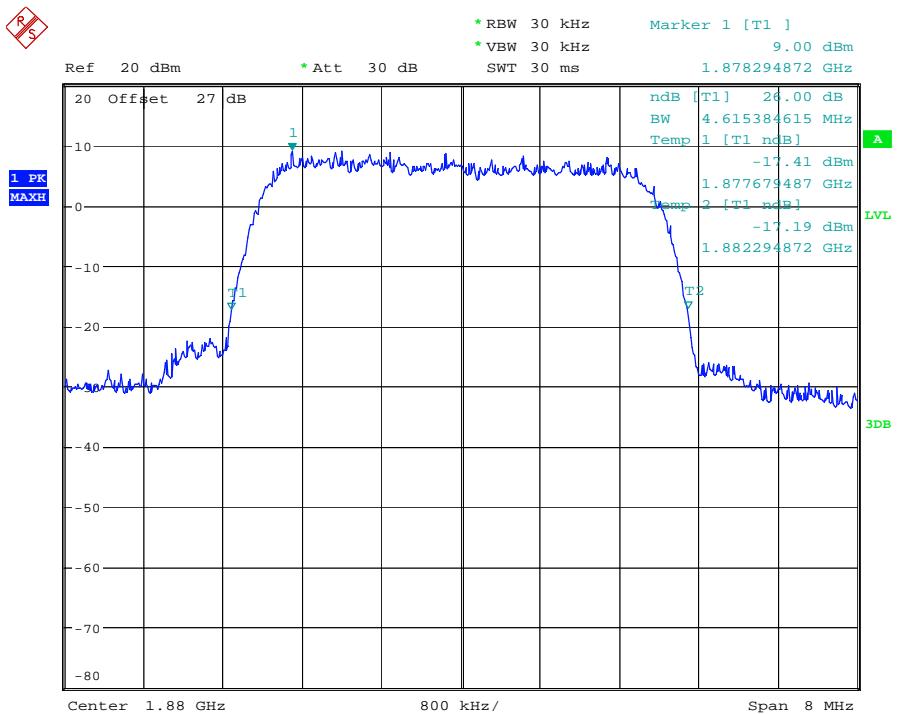


26DB BANDWIDTH WCDMA BAND II CH9262

Date: 7.MAR.2013 00:02:20

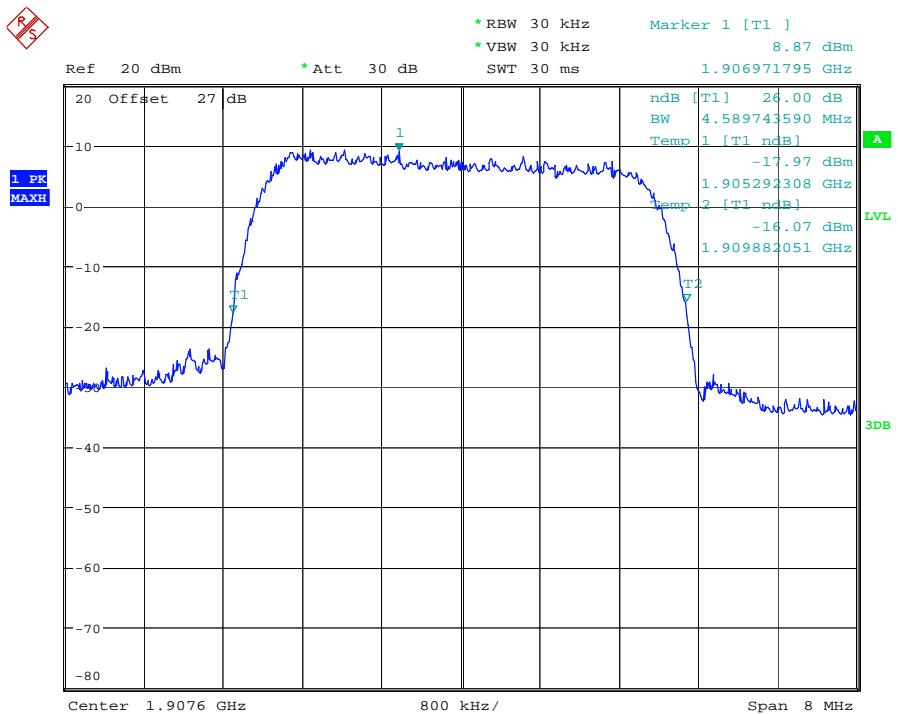
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



26DB BANDWIDTH WCDMA BAND II CH9400

Date: 7.MAR.2013 00:01:52



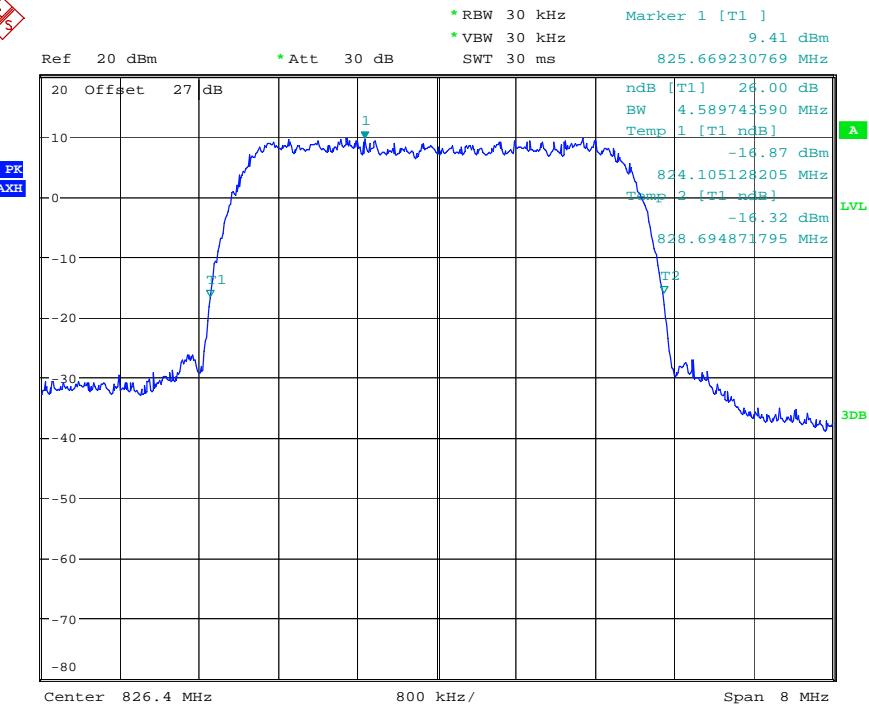
26DB BANDWIDTH WCDMA BAND II CH9538

Date: 7.MAR.2013 00:01:27

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

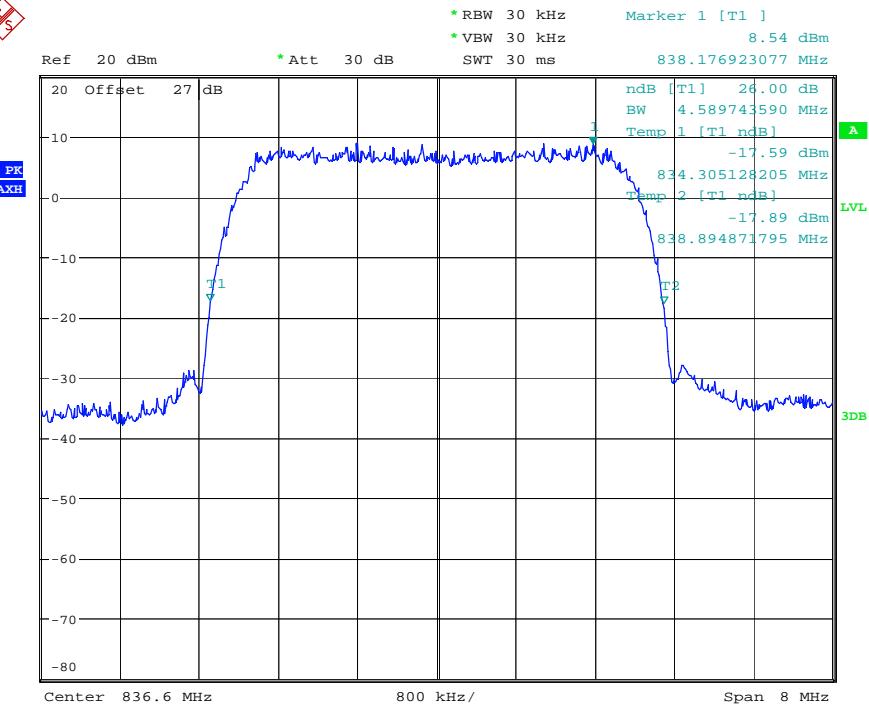
R/S



26DB BANDWIDTH WCDMA BAND V CH4132

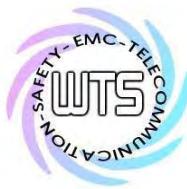
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R/S



26DB BANDWIDTH WCDMA BAND V CH4183

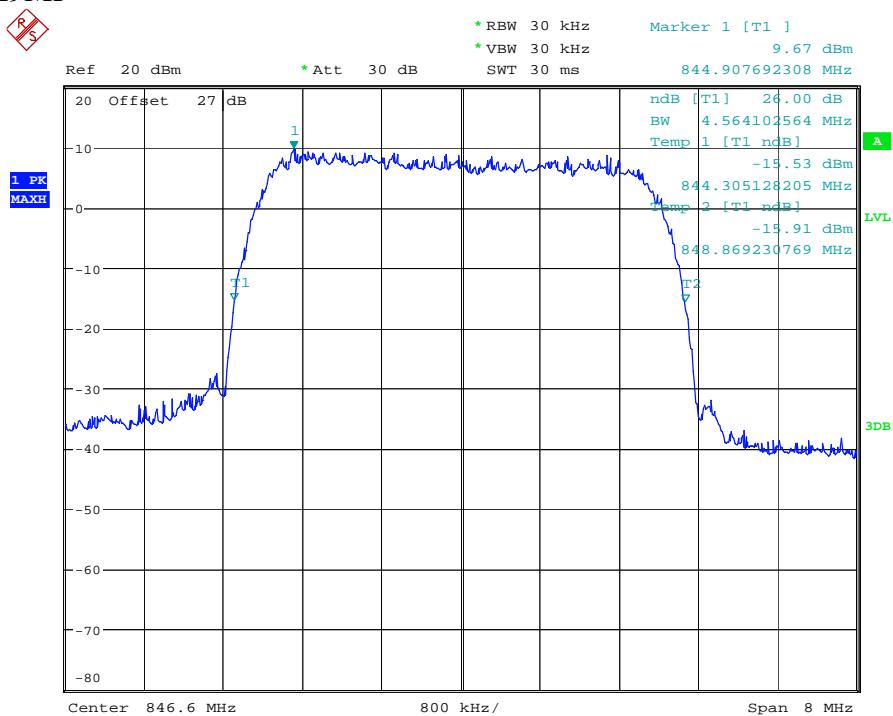
Date: 6.MAR.2013 21:55:01



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



26DB BANDWIDTH WCDMA BAND V CH4233

Date: 6.MAR.2013 21:55:41

Test equipment: ETSTW-RE 055, ETSTW-GSM 02

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

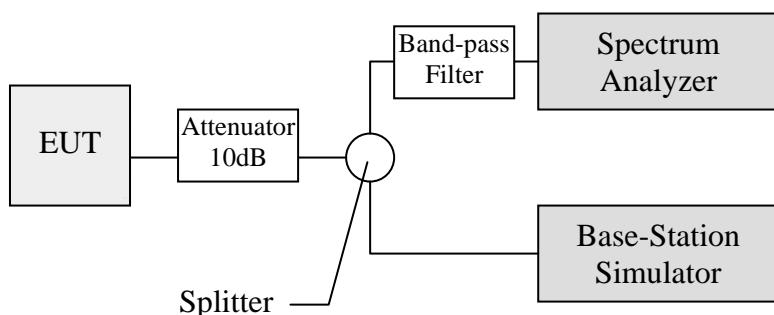
## 6. Spurious Emissions at Antenna Terminals

### 6.1 Test procedure

This transmitter output was connected to a calibrated coaxial attenuator, the other end of which was connected to a spectrum analyzer via a three-port splitter. Please refer to the following figure. Transmitter output was derived with the spectrum analyzer in dBm.

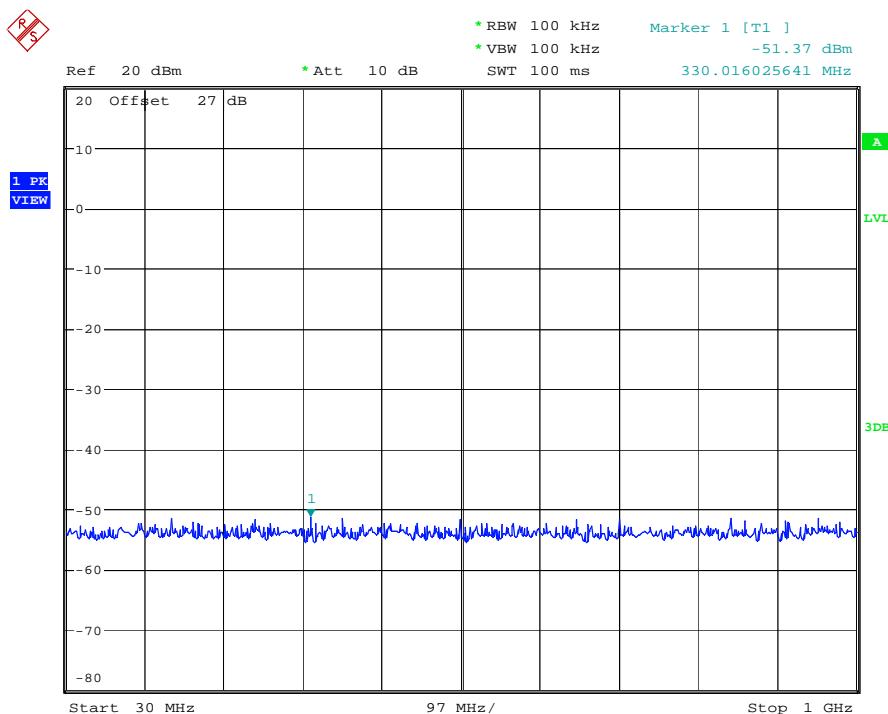
The Spurious Emissions at Antenna Terminals was measured by the spectrum analyzer with a suitable notch filter and/or Band-pass filter.

Tests were performed with an unmodulated carrier at three frequencies (low, middle and high channels) and on all power levels, which can be set-up on the transmitters.



### 6.2 Test Results

CH128

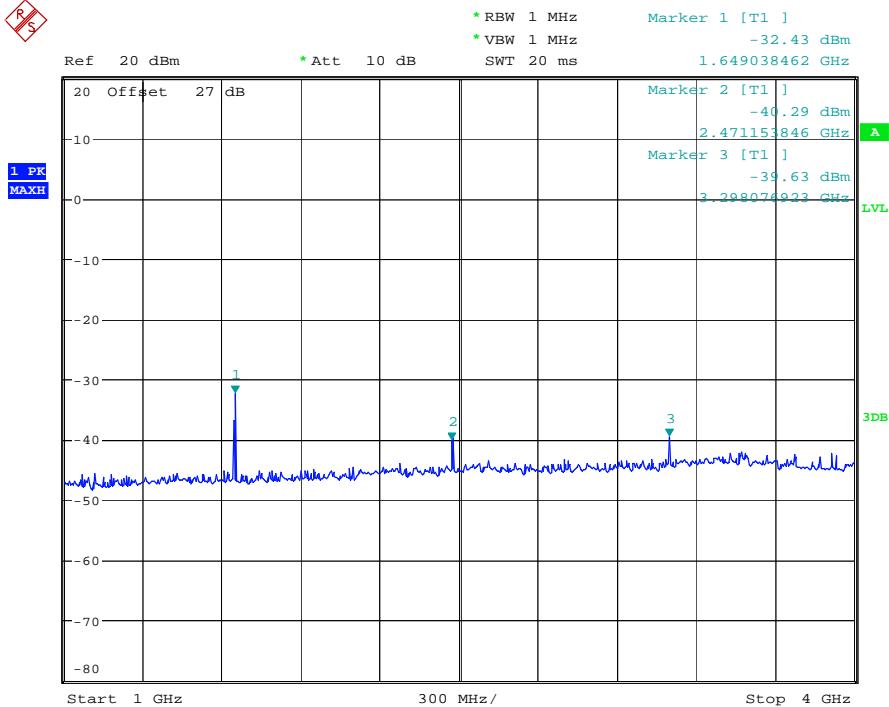


CONDUCTED SPURIOUS EMISSION GSM850 CH128  
Date: 7.MAR.2013 18:13:02

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

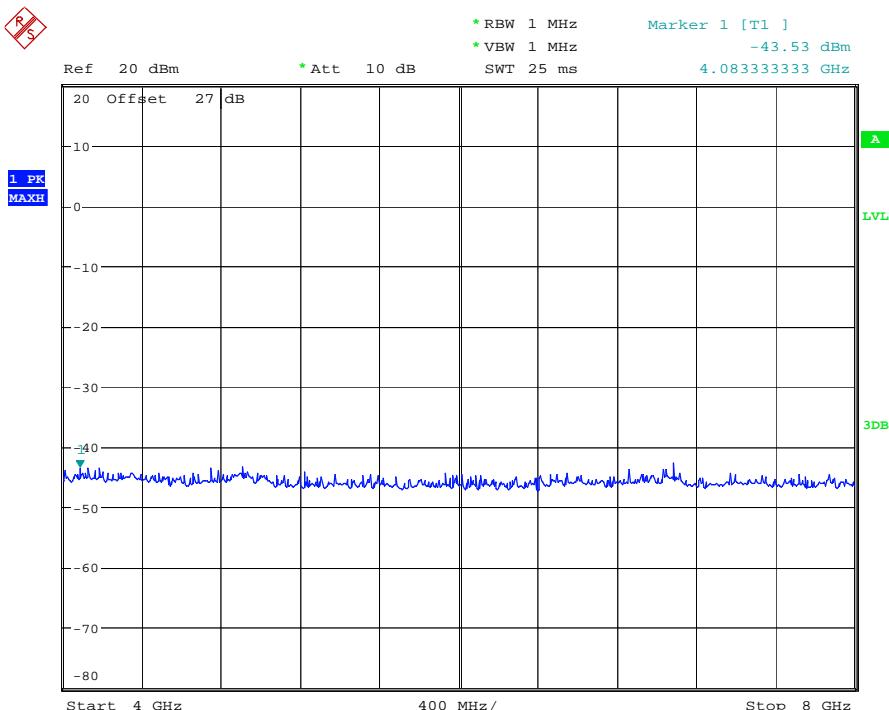
R/S



CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 7.MAR.2013 19:27:51

R/S



CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 7.MAR.2013 19:44:36

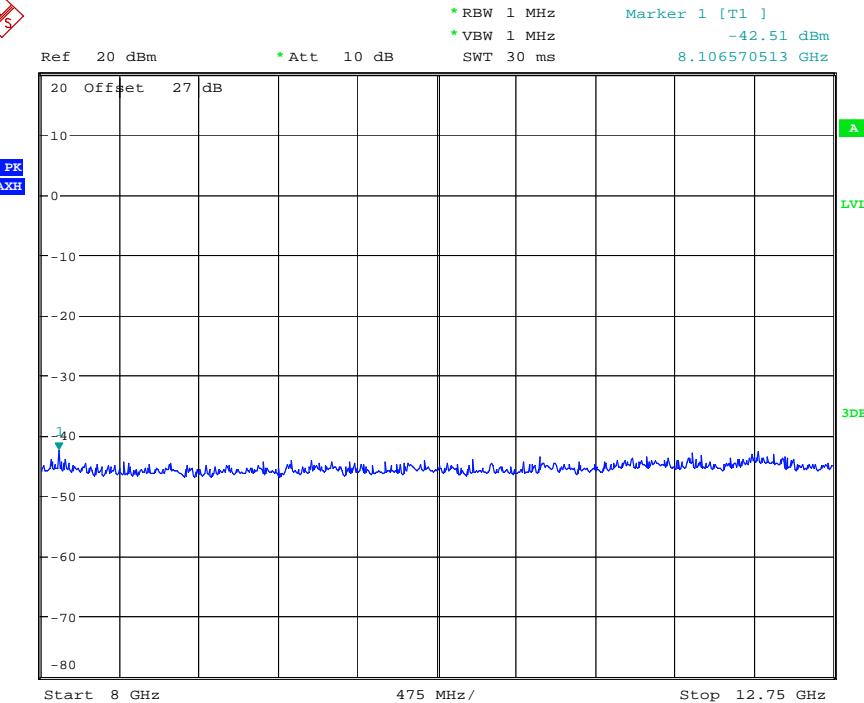


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

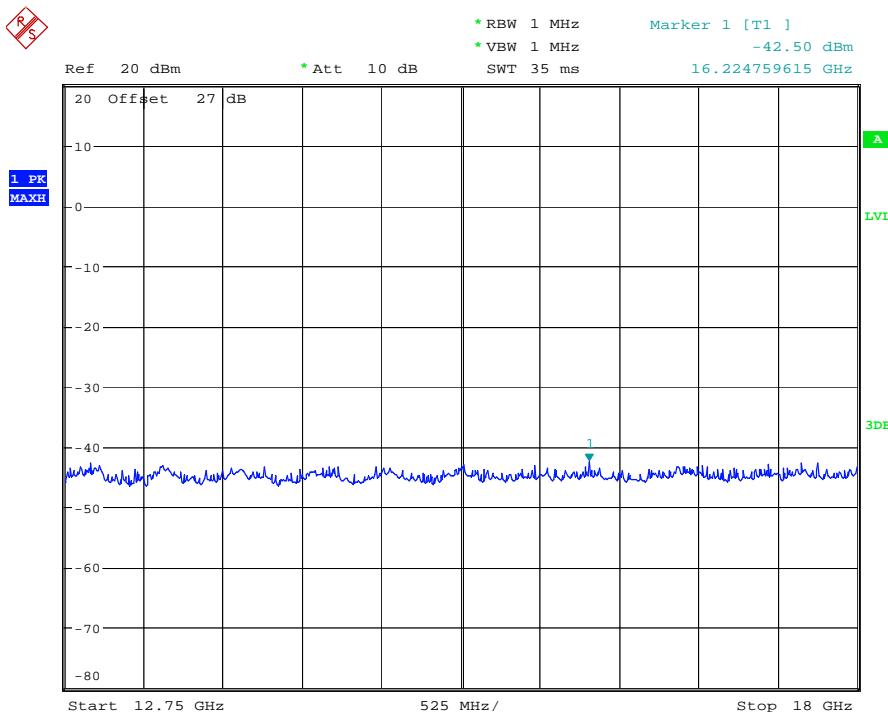
~~RS~~



CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 7.MAR.2013 21:54:22

~~RS~~



CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 7.MAR.2013 21:55:53

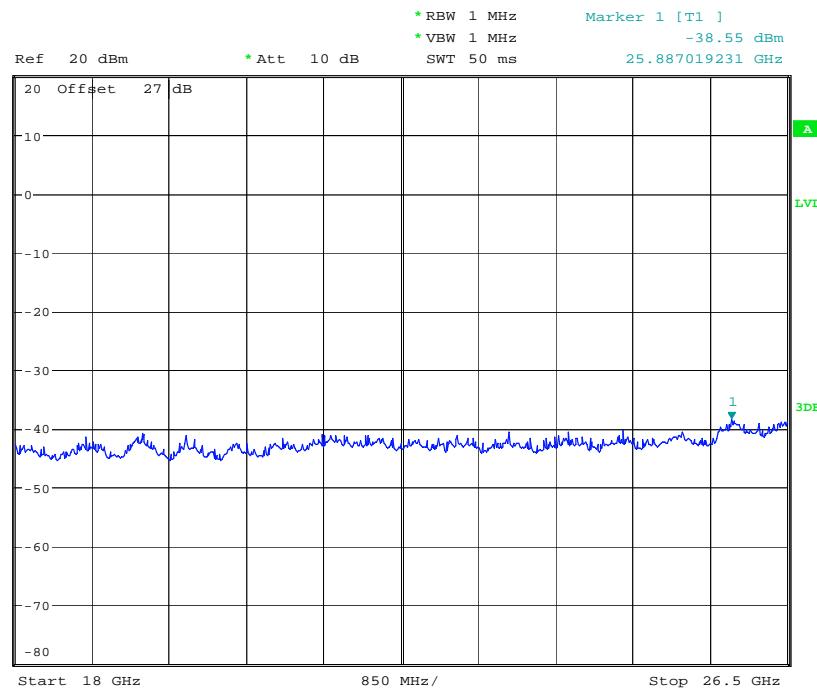


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

R

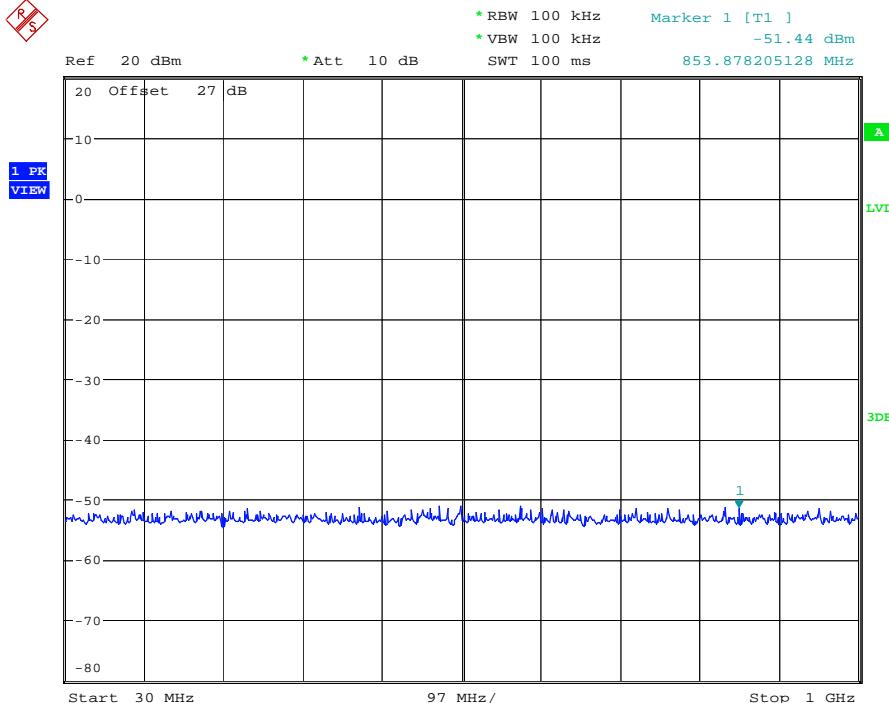


CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 7.MAR.2013 21:56:13

CH188

R



CONDUCTED SPURIOUS EMISSION GSM850 CH188

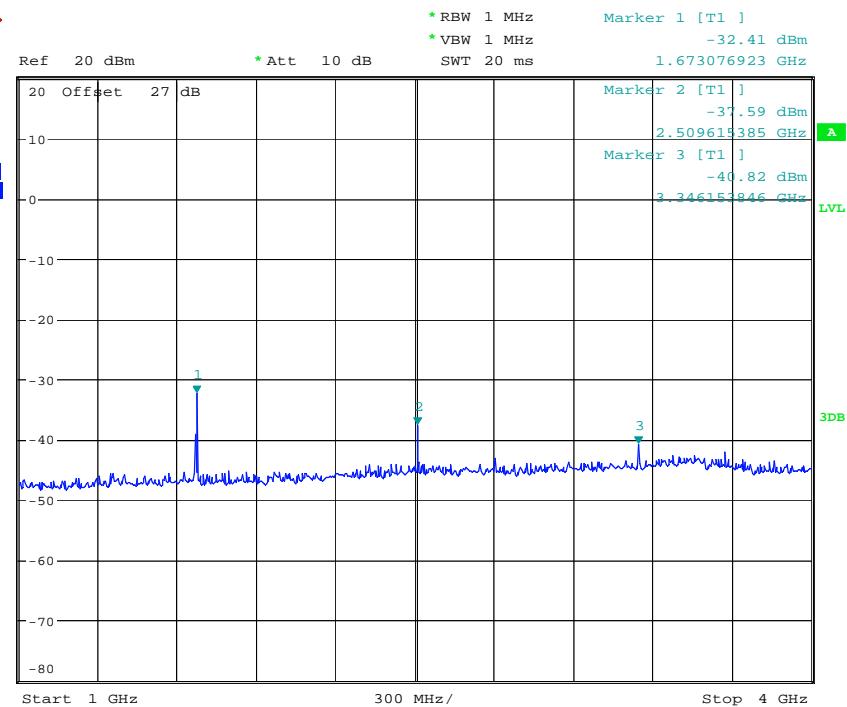
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# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

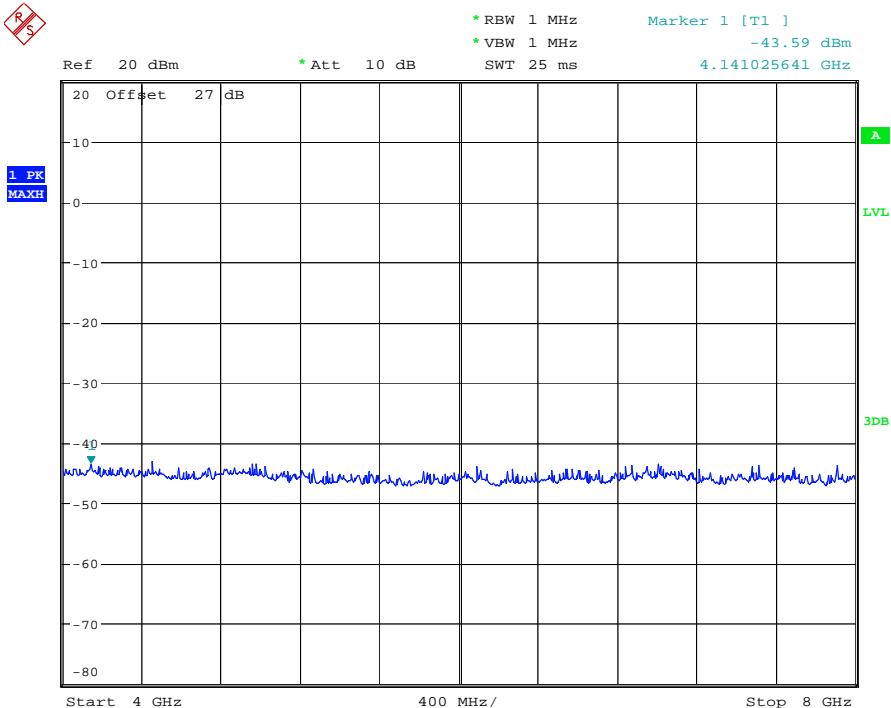
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CONDUCTED SPURIOUS EMISSION GSM850 CH188

Date: 7.MAR.2013 19:37:41

~~RS~~



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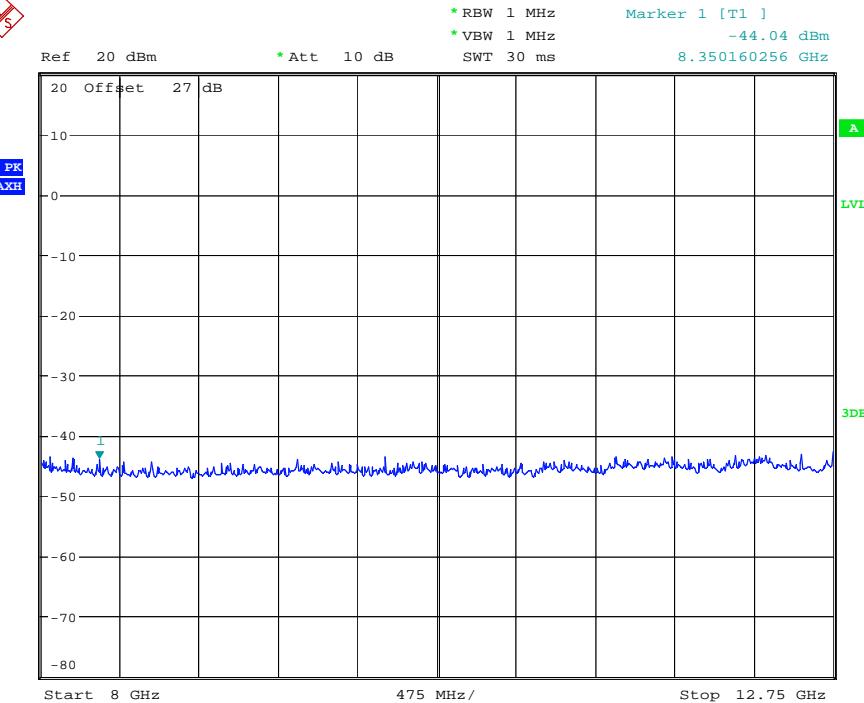


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

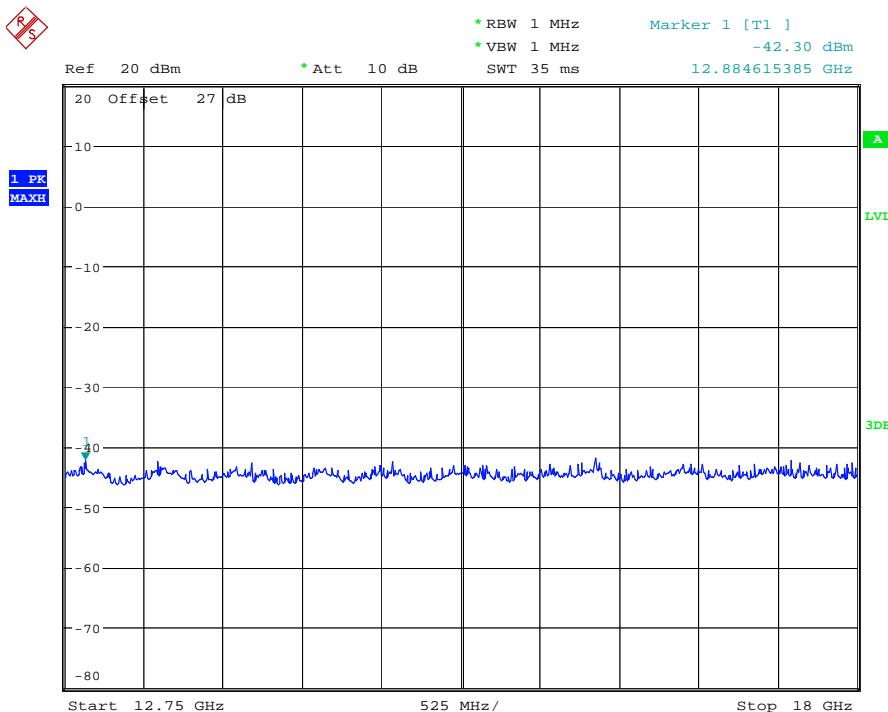
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Date: 7.MAR.2013 21:54:40

~~RS~~



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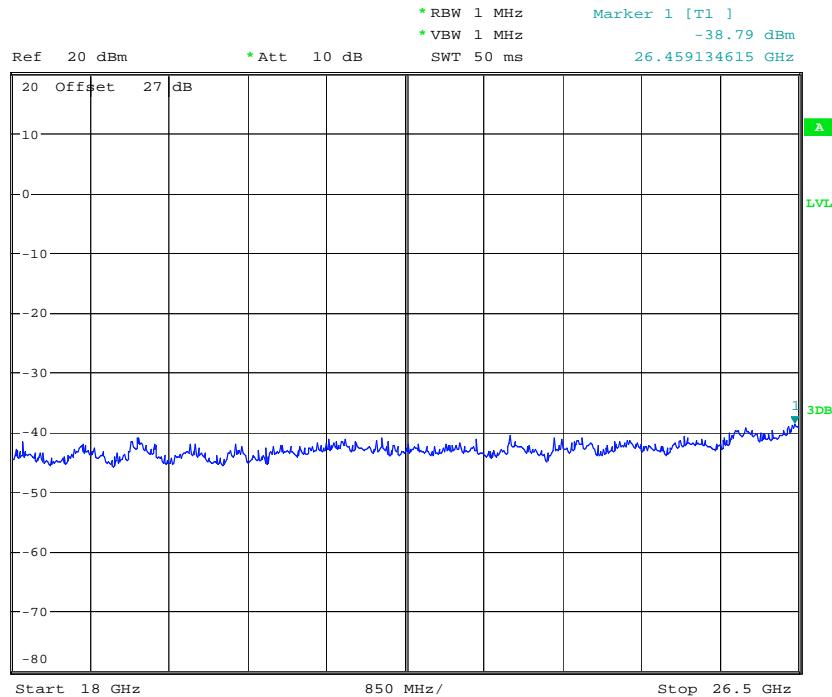


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

R  
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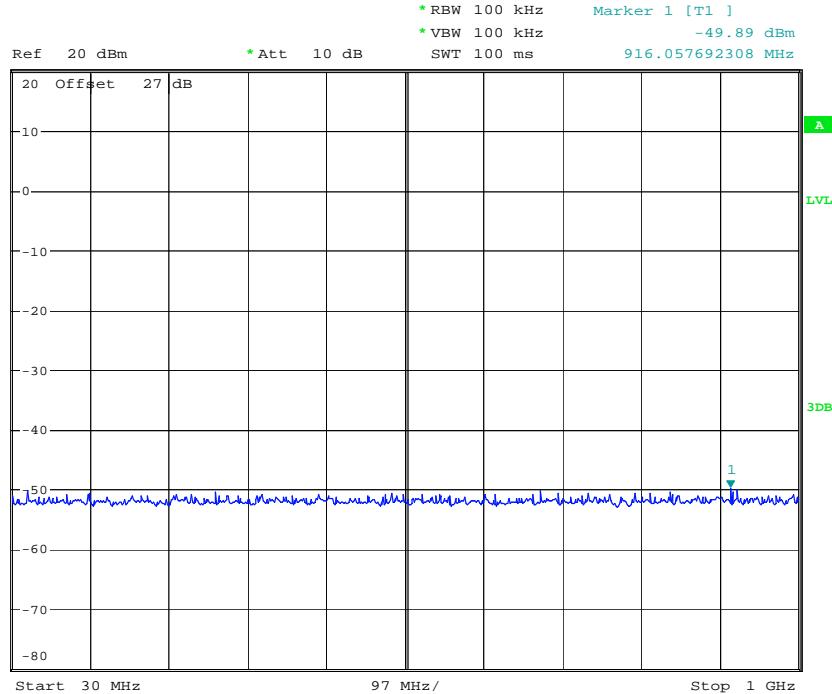


CONDUCTED SPURIOUS EMISSION GSM850 CH188

Date: 7.MAR.2013 21:56:23

CH251

R  
S



CONDUCTED SPURIOUS EMISSION GSM850 CH251

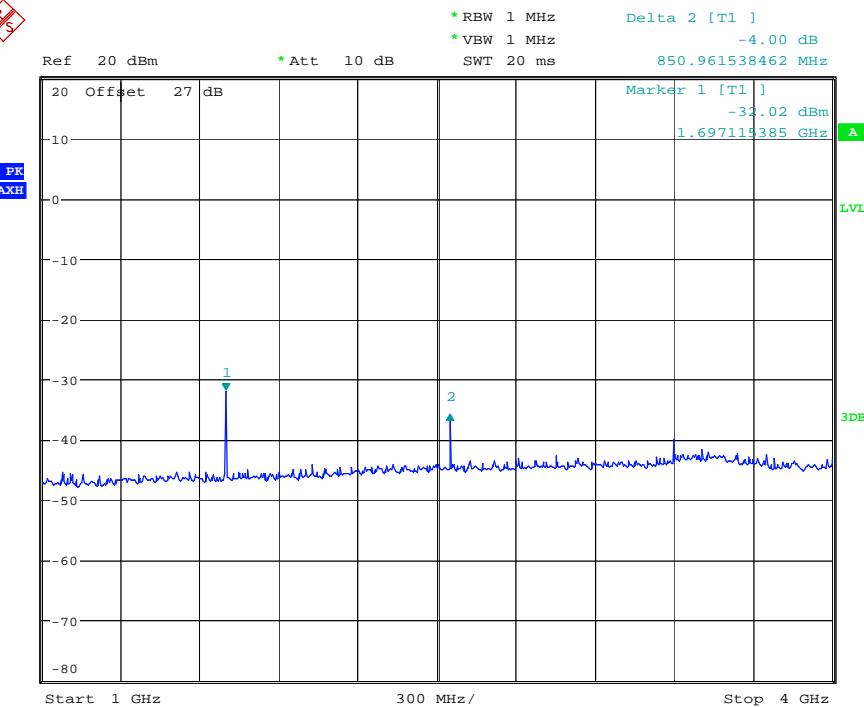
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# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

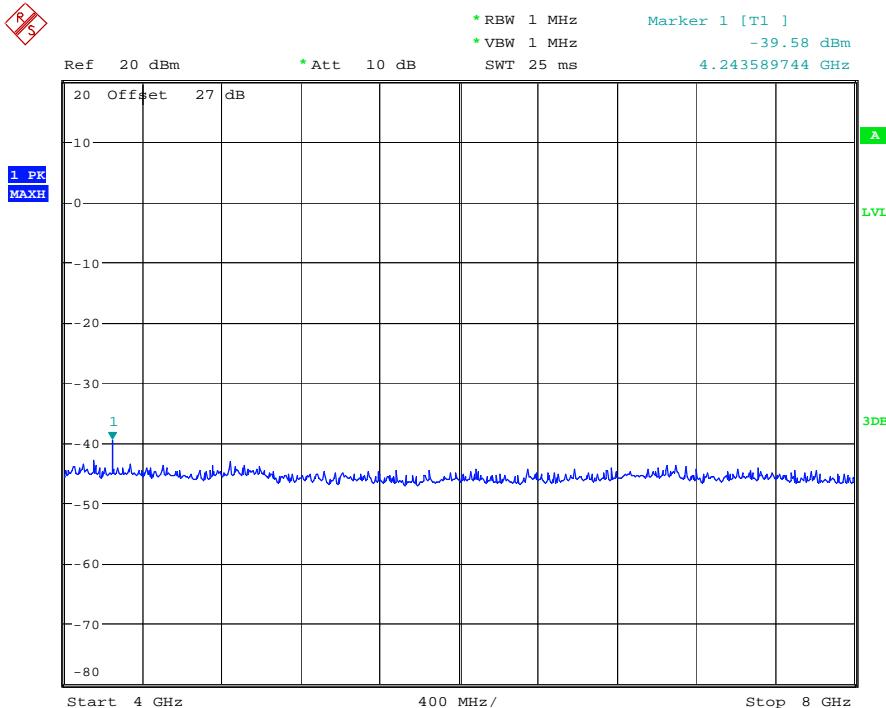
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CONDUCTED SPURIOUS EMISSION GSM850 CH251

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R<sub>S</sub>



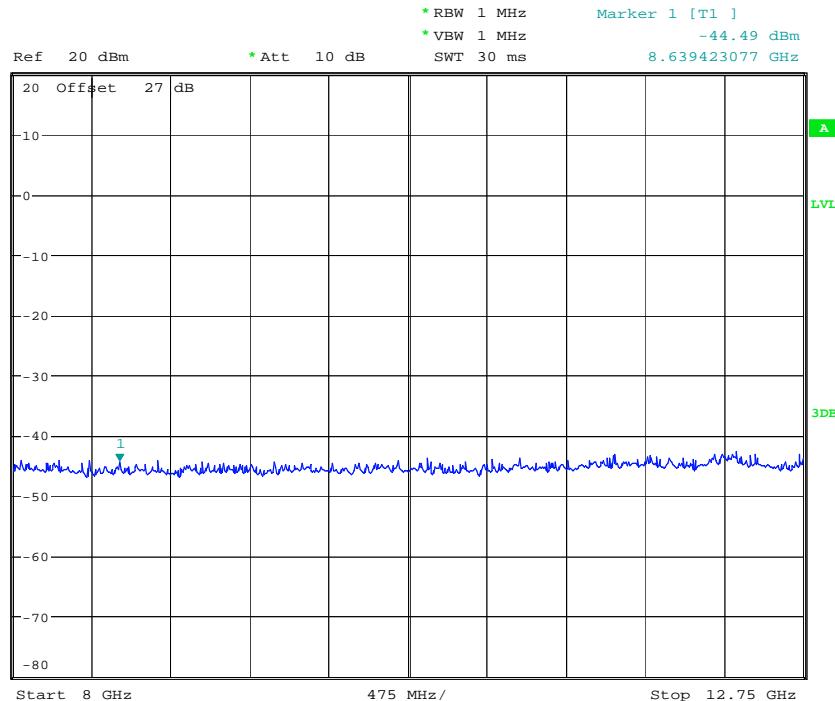
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# Worldwide Testing Services(Taiwan) Co., Ltd.

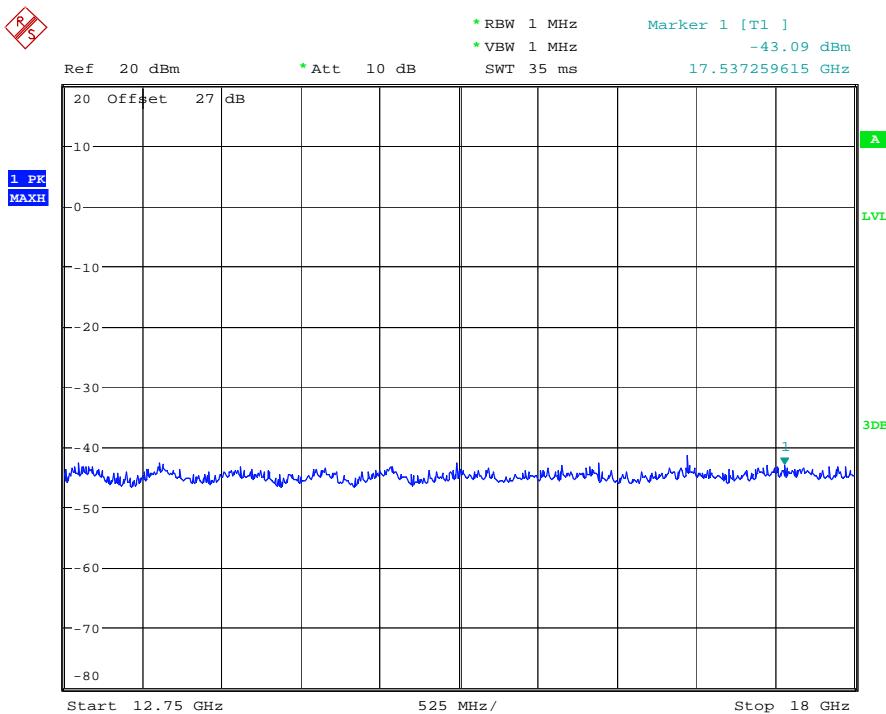
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



CONDUCTED SPURIOUS EMISSION GSM850 CH251

Date: 7.MAR.2013 21:55:08



CONDUCTED SPURIOUS EMISSION GSM850 CH251

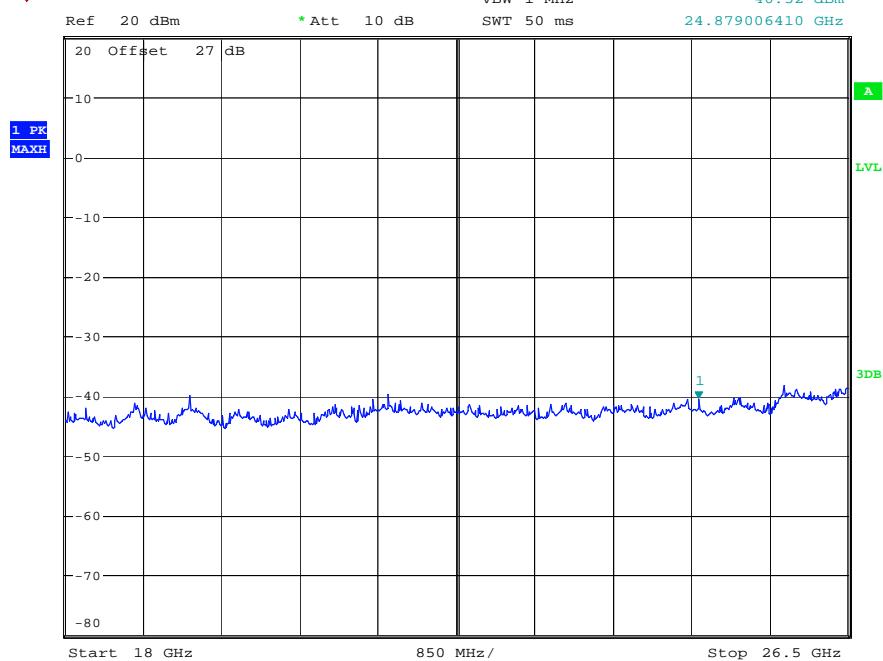
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# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

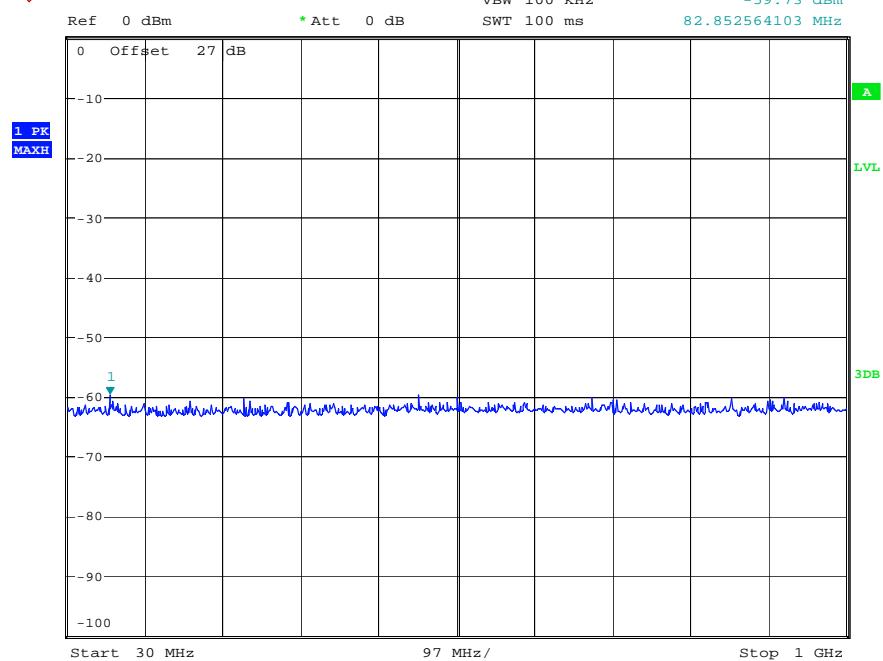
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## 850 Band Idle

REF

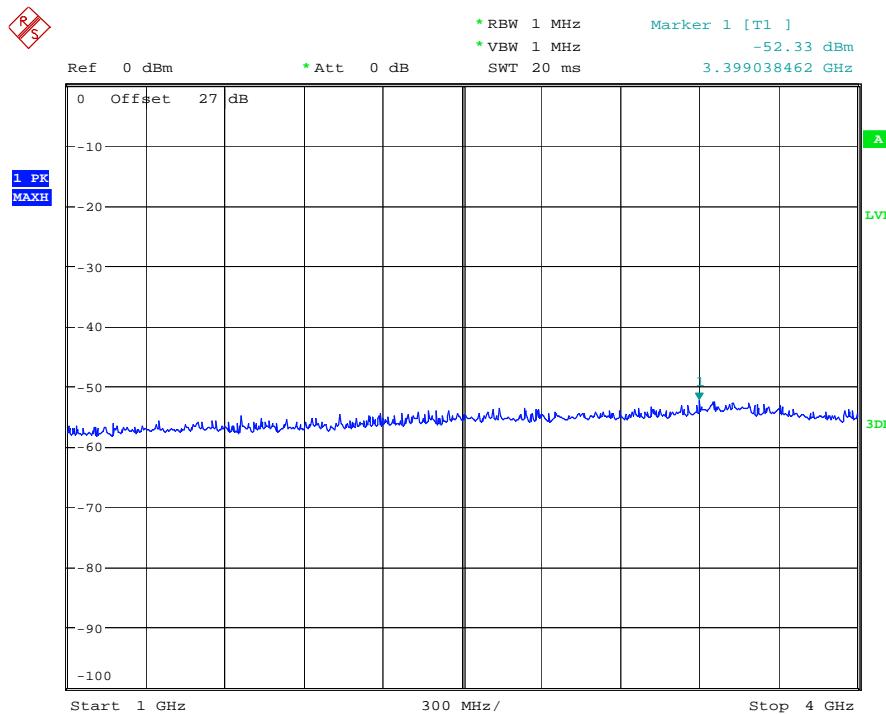


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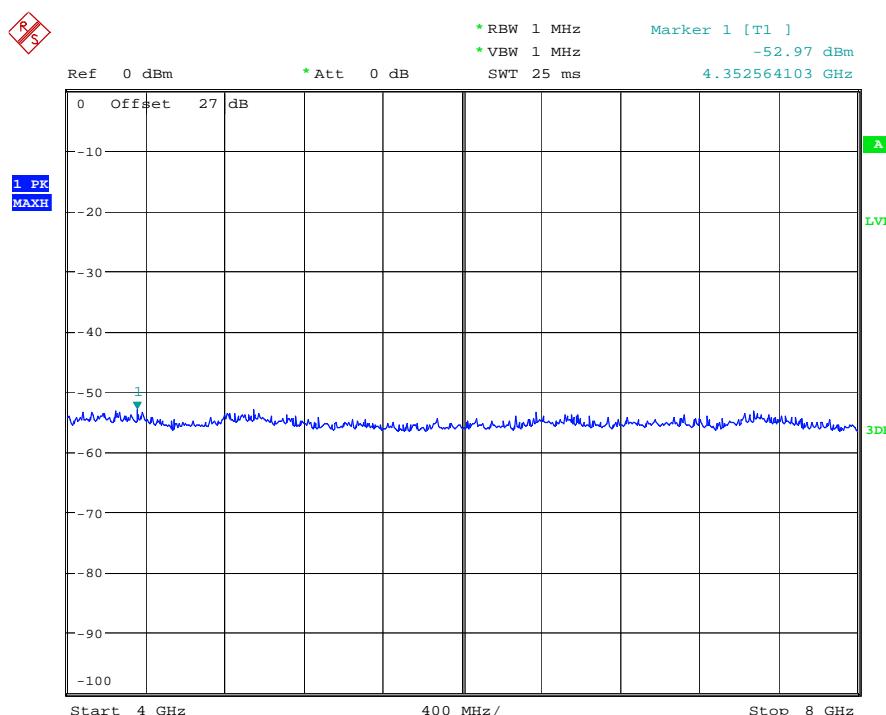
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Report Number: W6M21302-13019-P-2224  
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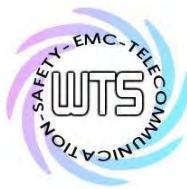


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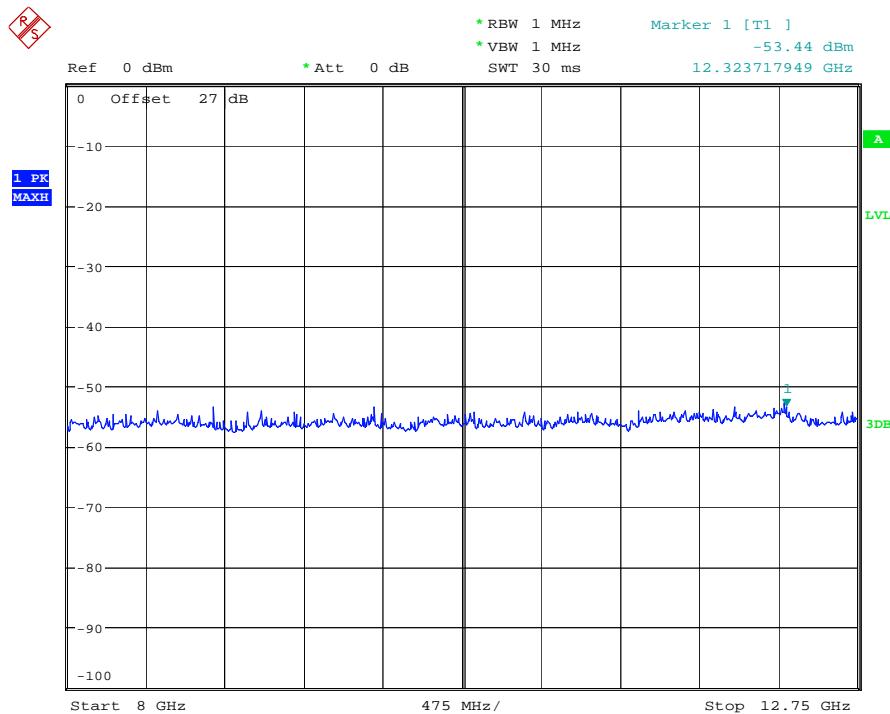


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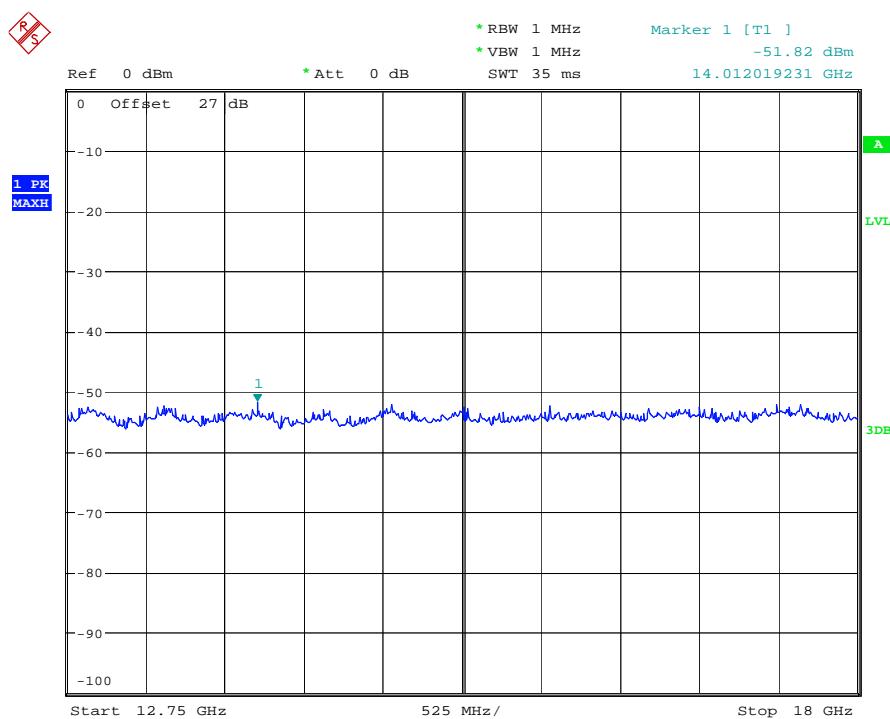


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP



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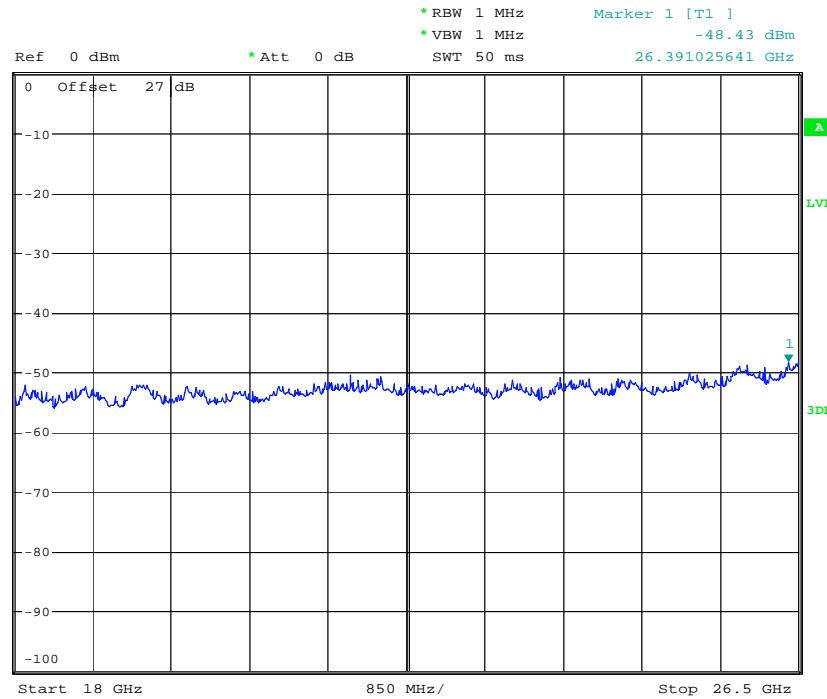
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Date: 7.MAR.2013 19:18:02



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

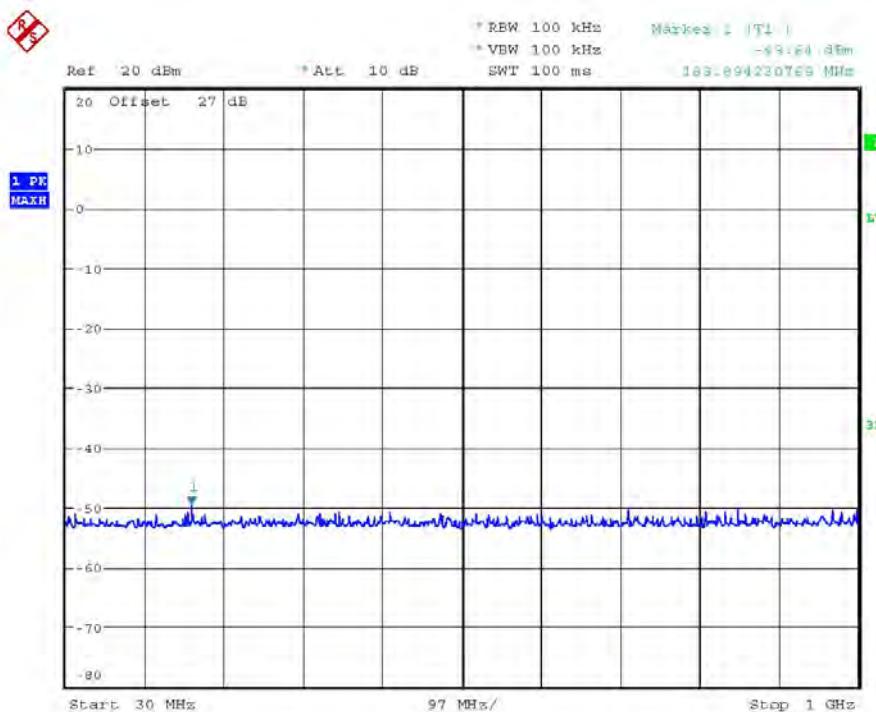
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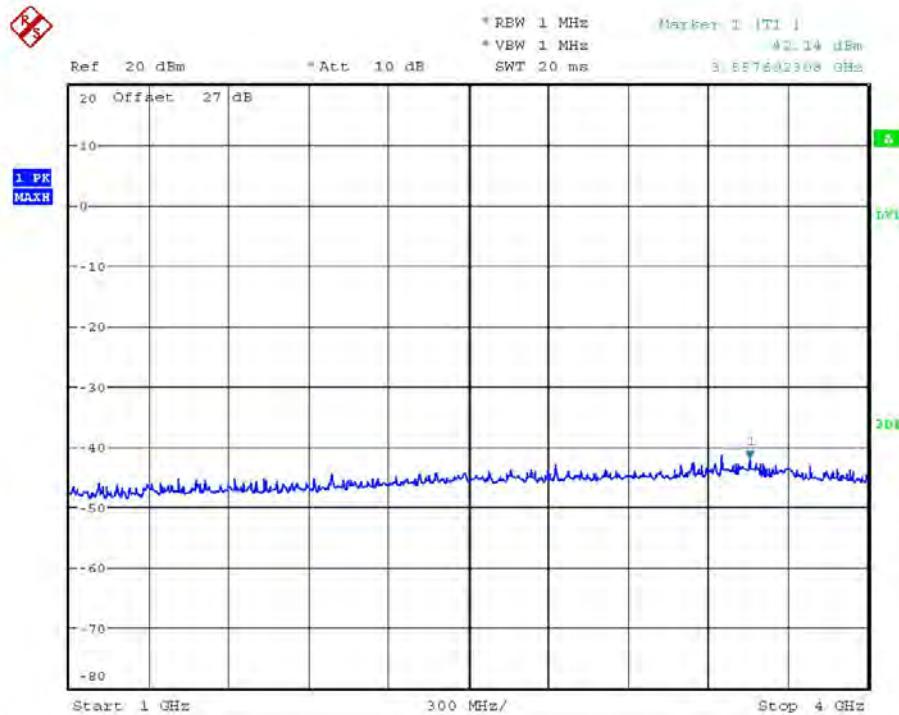
CH512

REF

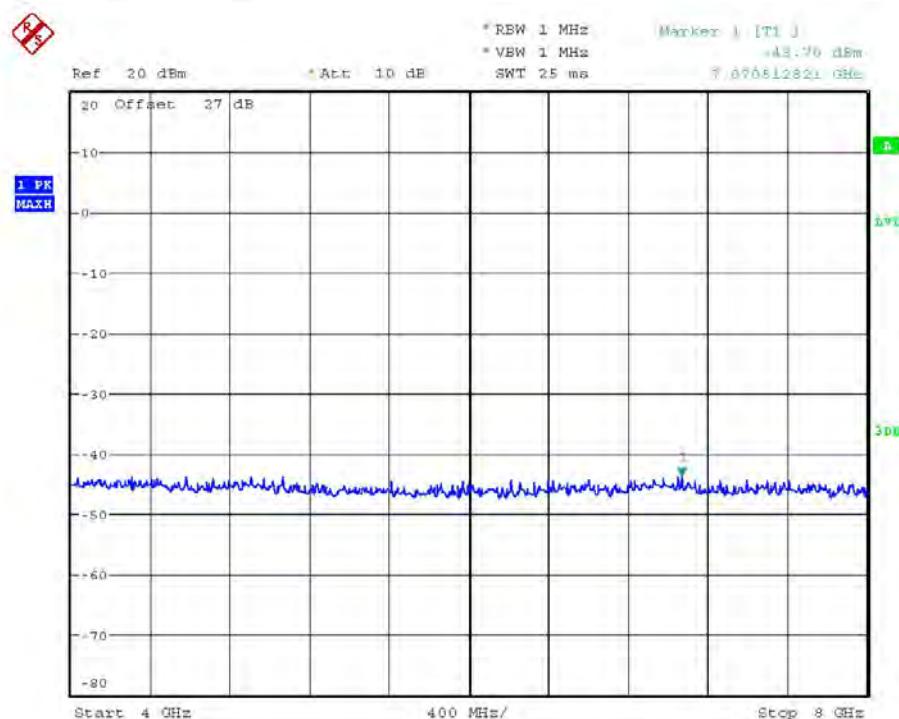


CONDUCTED SPURIOUS EMISSION PCS1900 CH512  
Date: 7.MAR.2013 18:17:45

Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP



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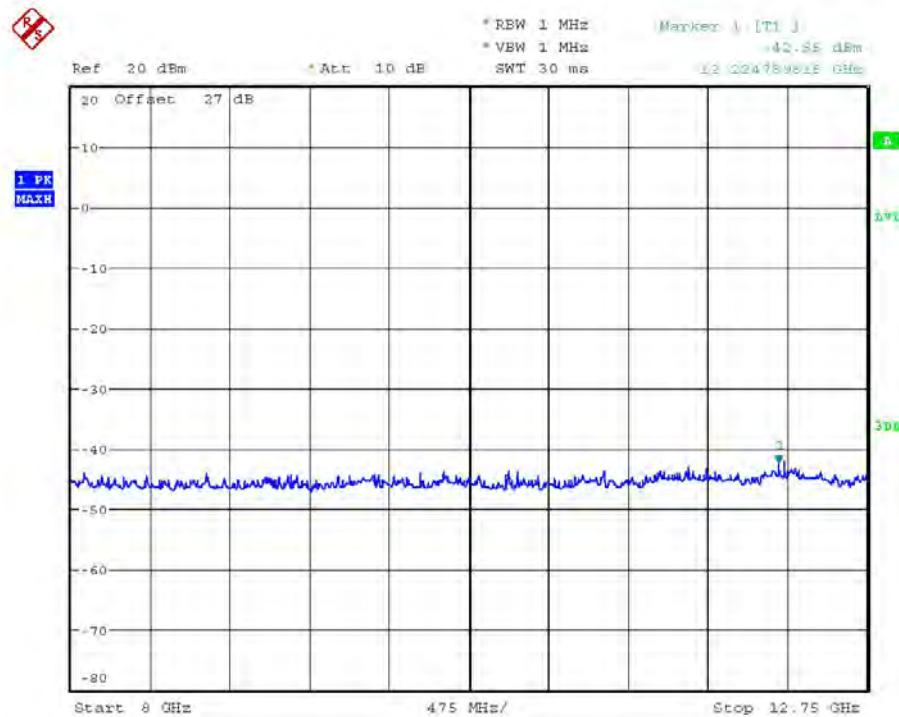


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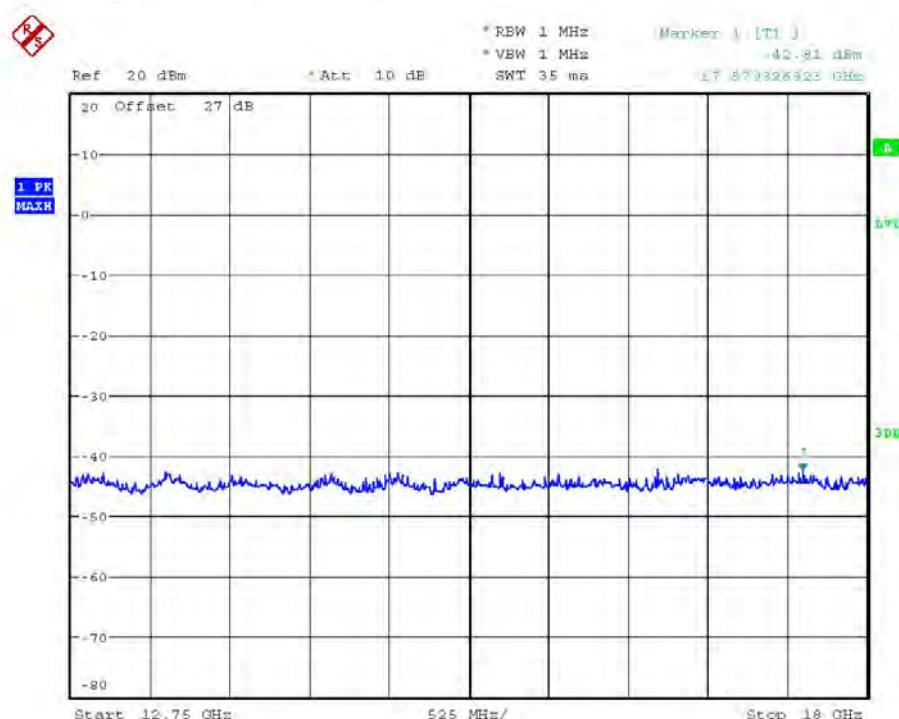


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
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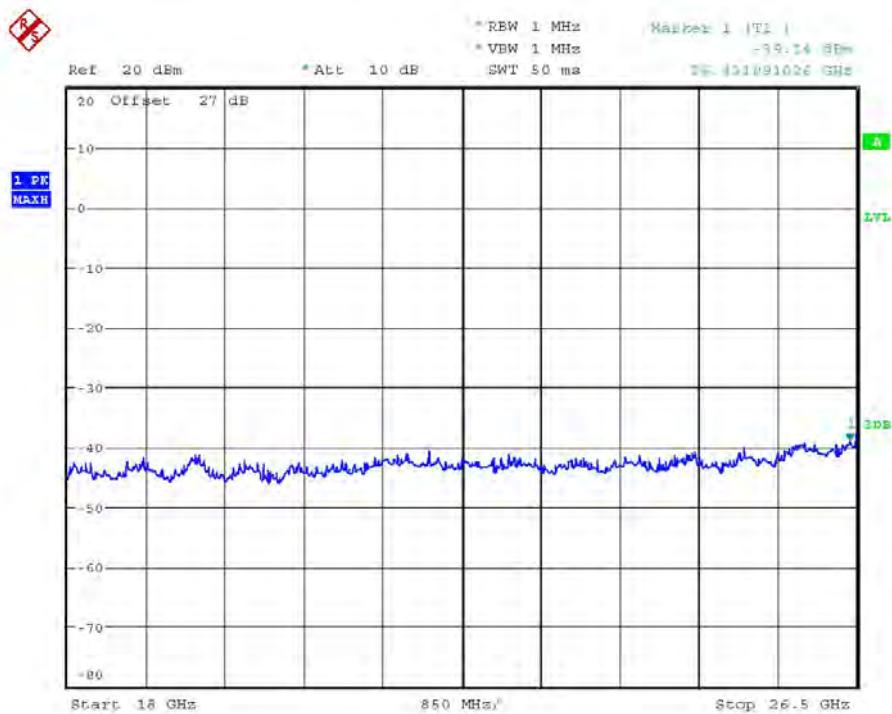


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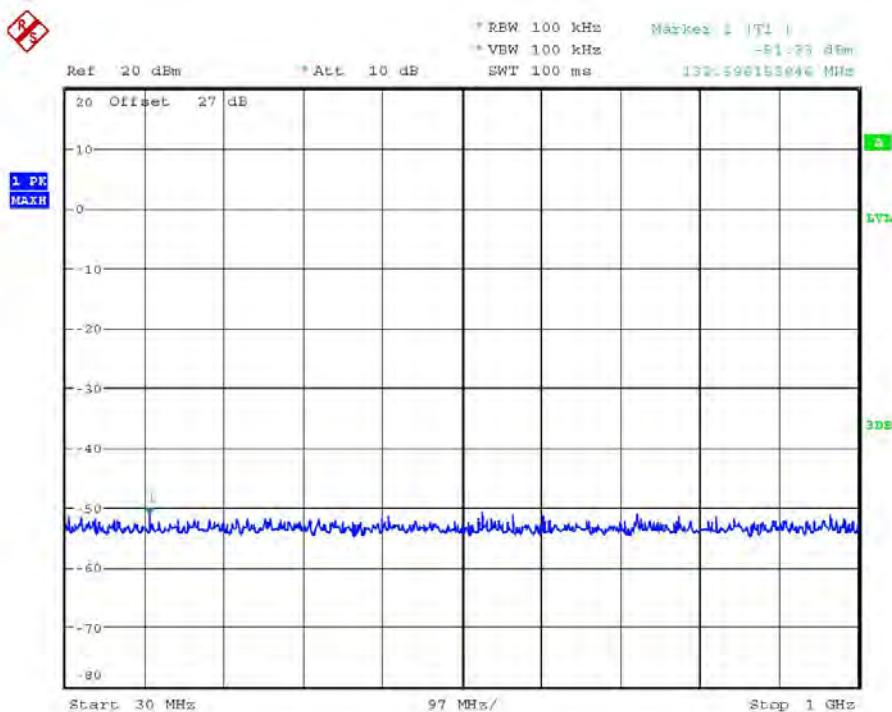
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Report Number: W6M21302-13019-P-2224  
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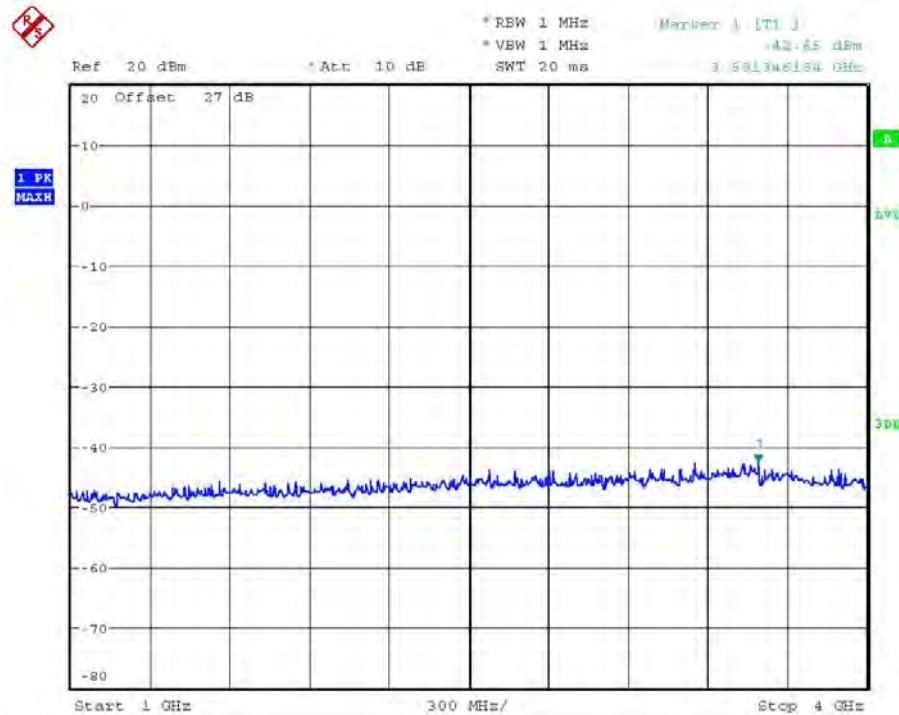
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CH661

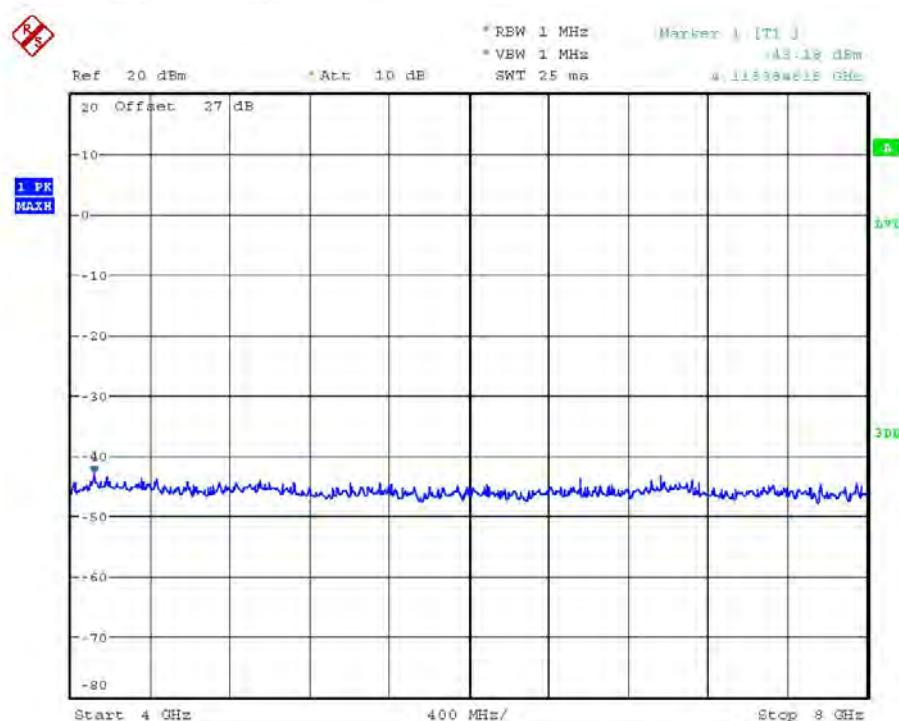


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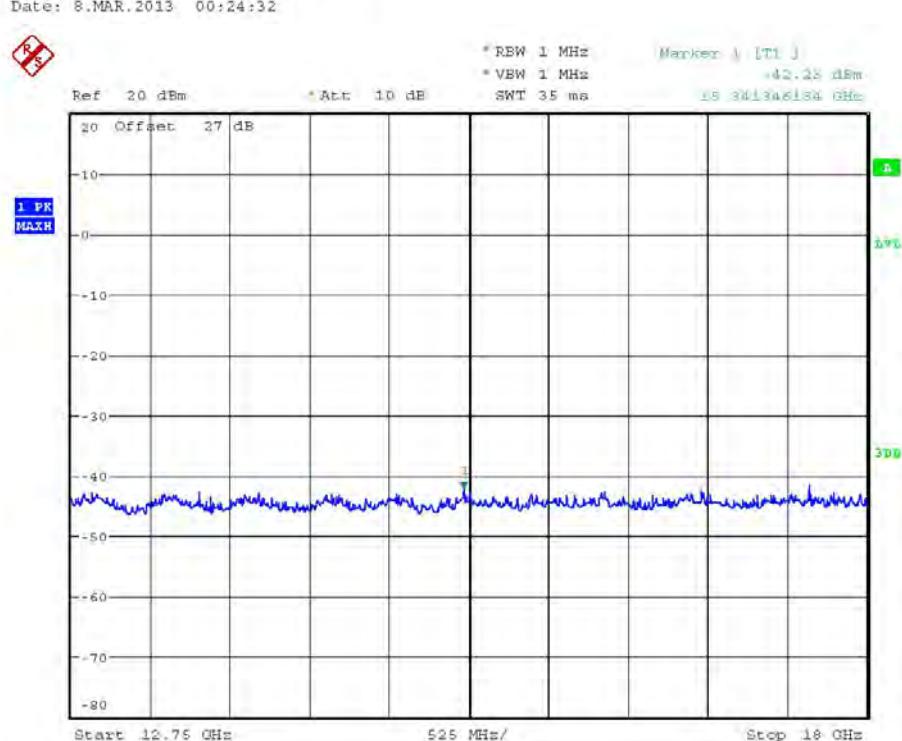
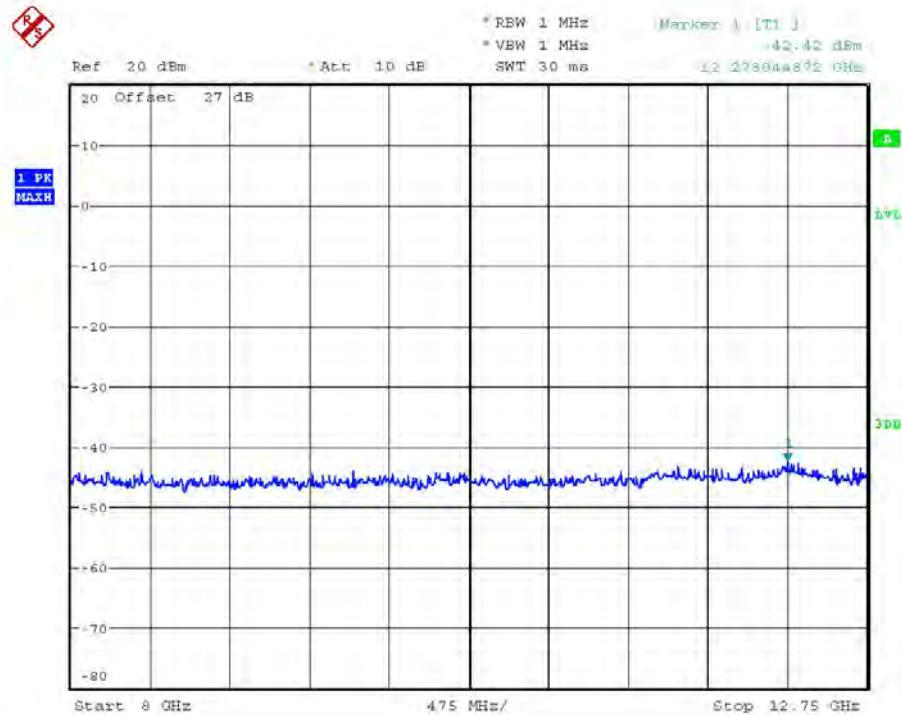


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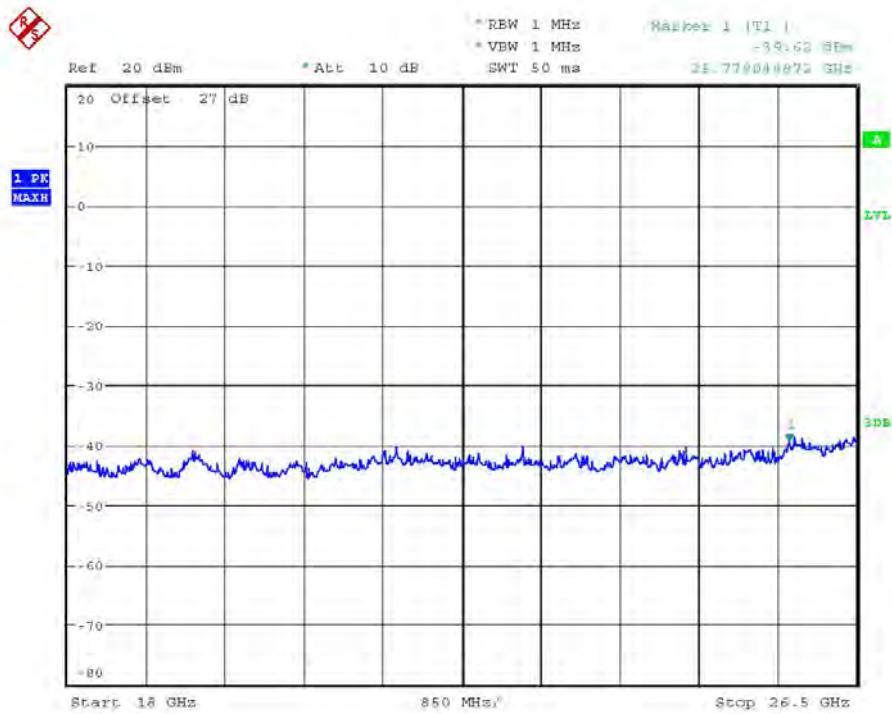


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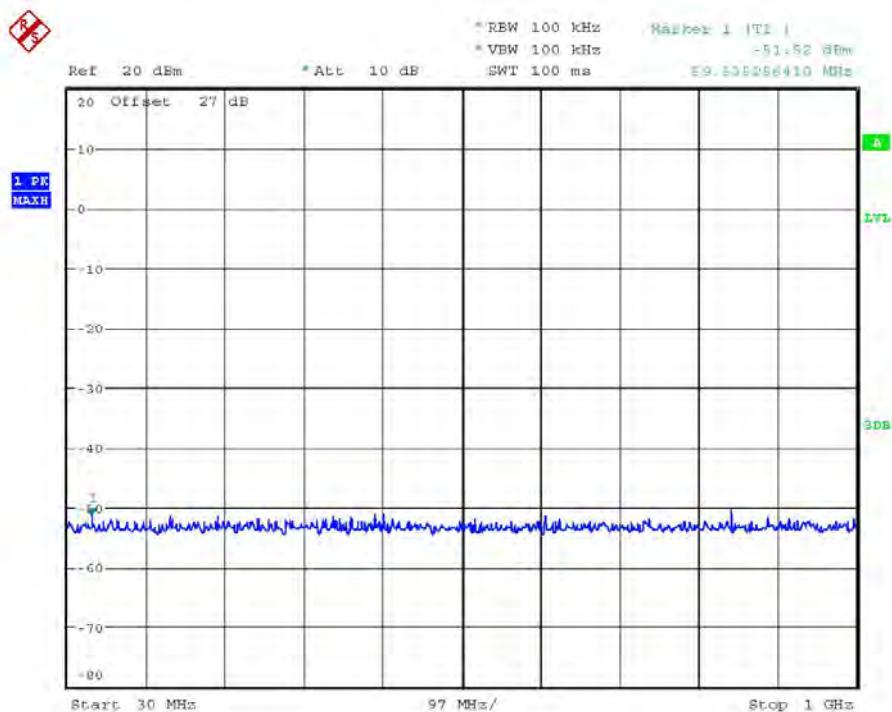


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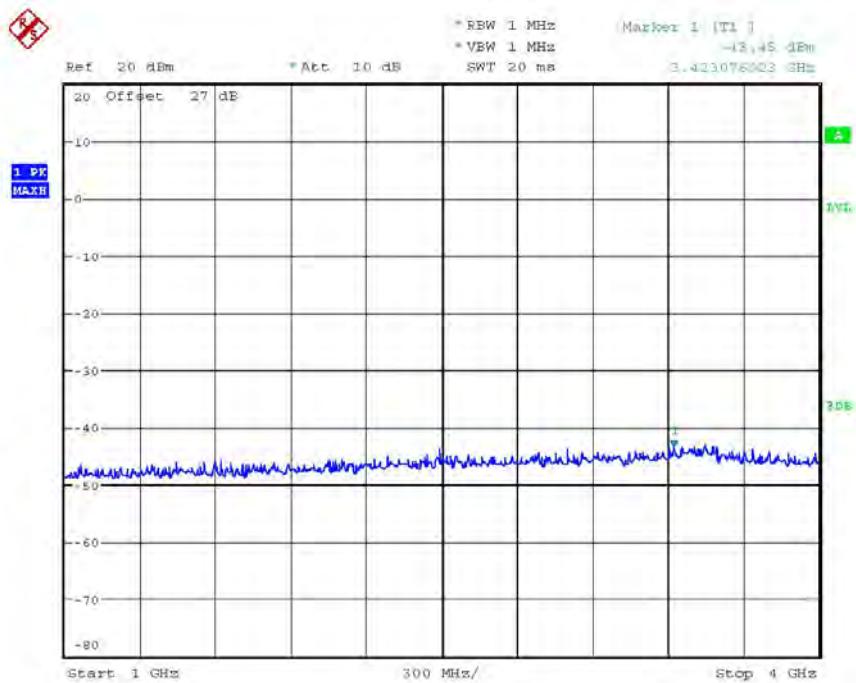
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CH810

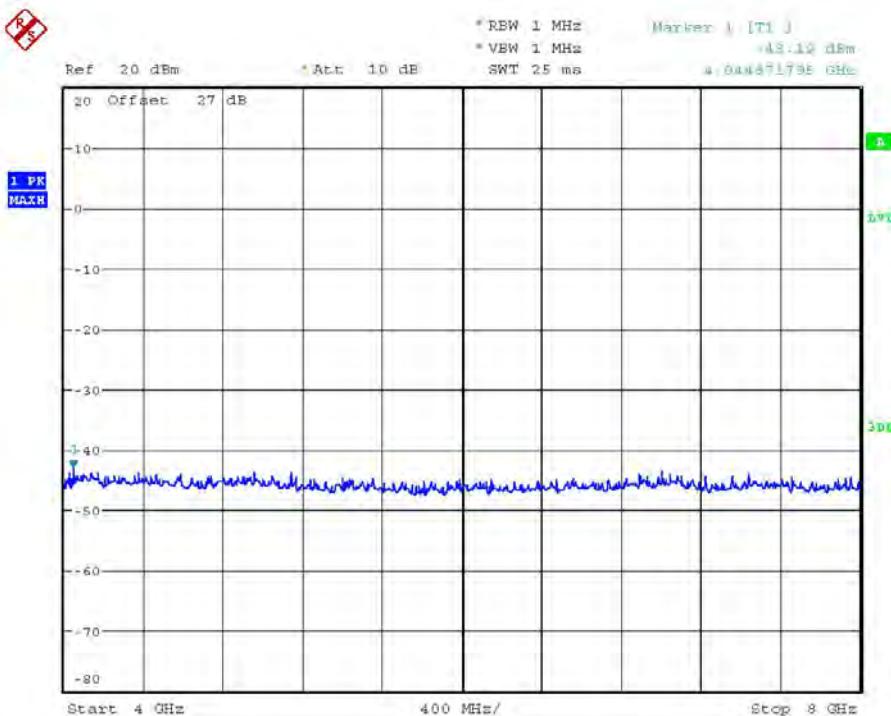


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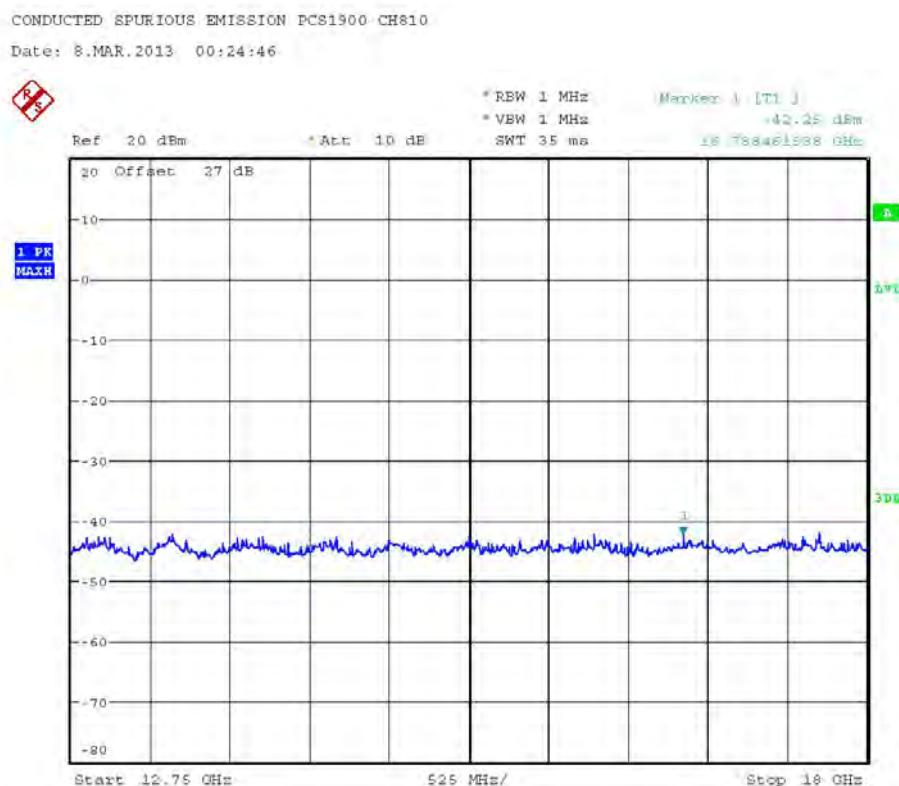
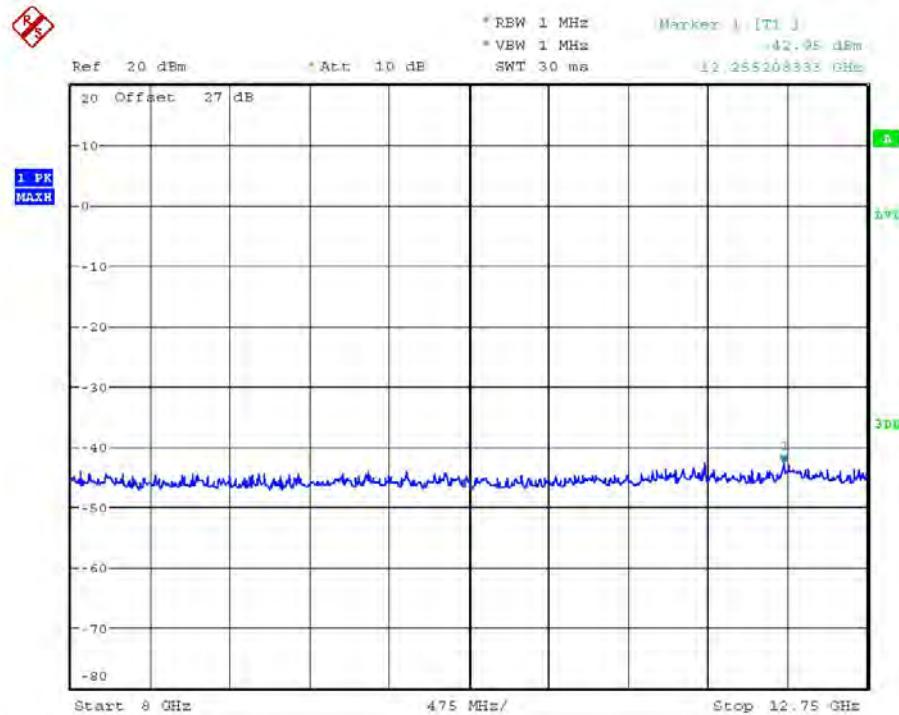


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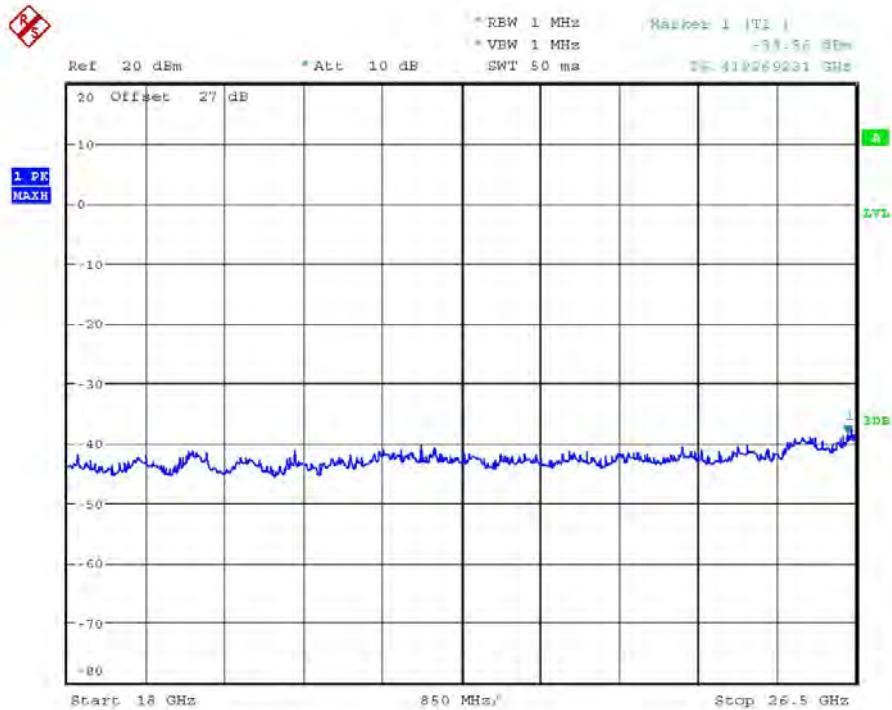


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Report Number: W6M21302-13019-P-2224  
 FCC ID: GX9MP



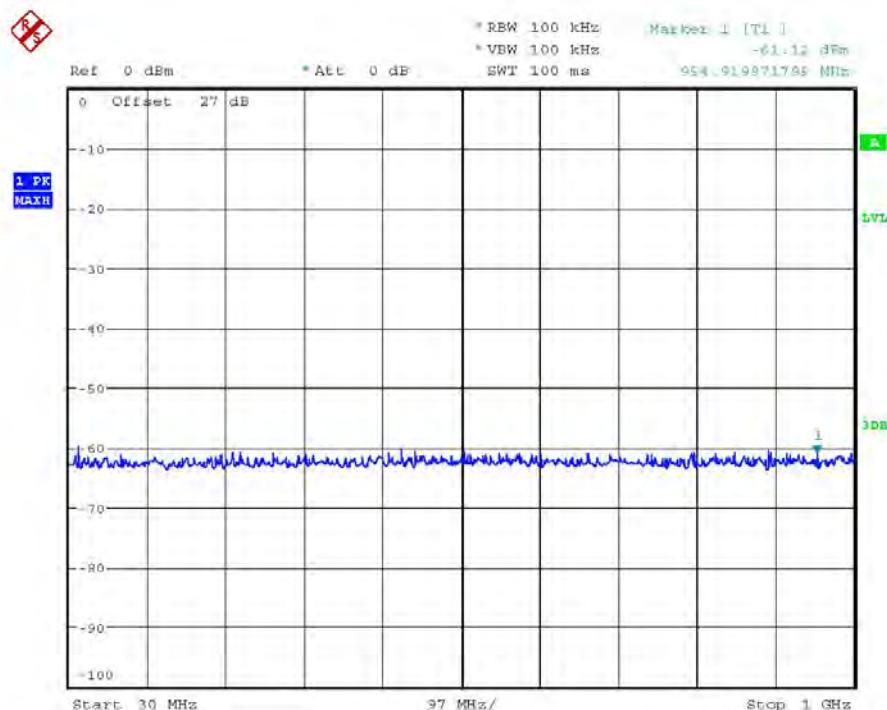
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CONDUCTED SPURIOUS EMISSION PCS1900 CH810

Date: 8.MAR.2013 00:26:15

## 1900 Band Idle

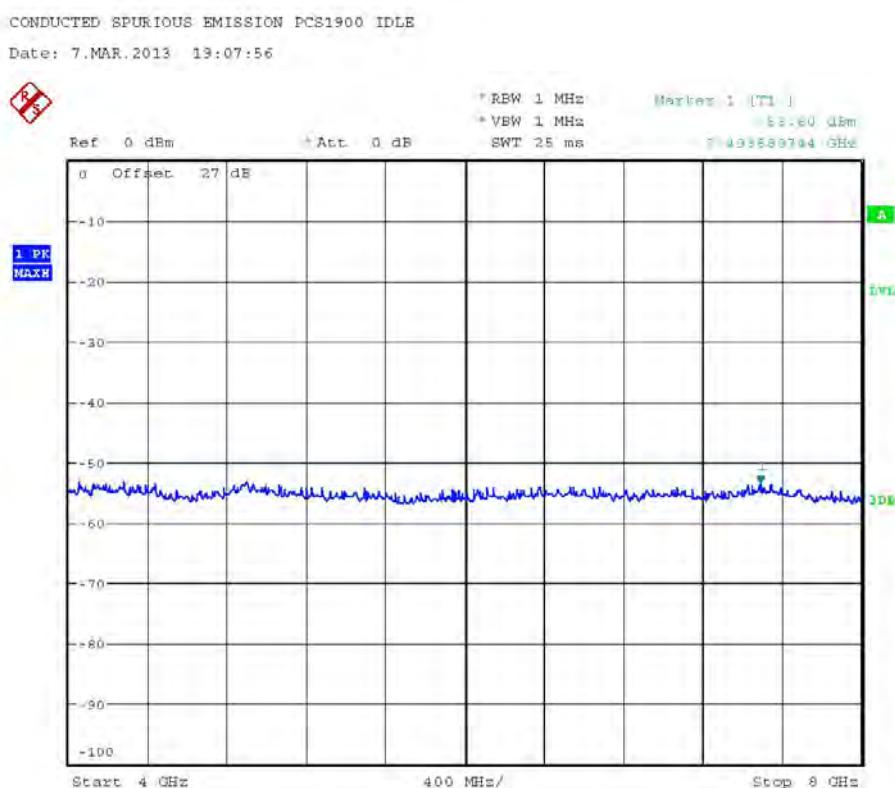
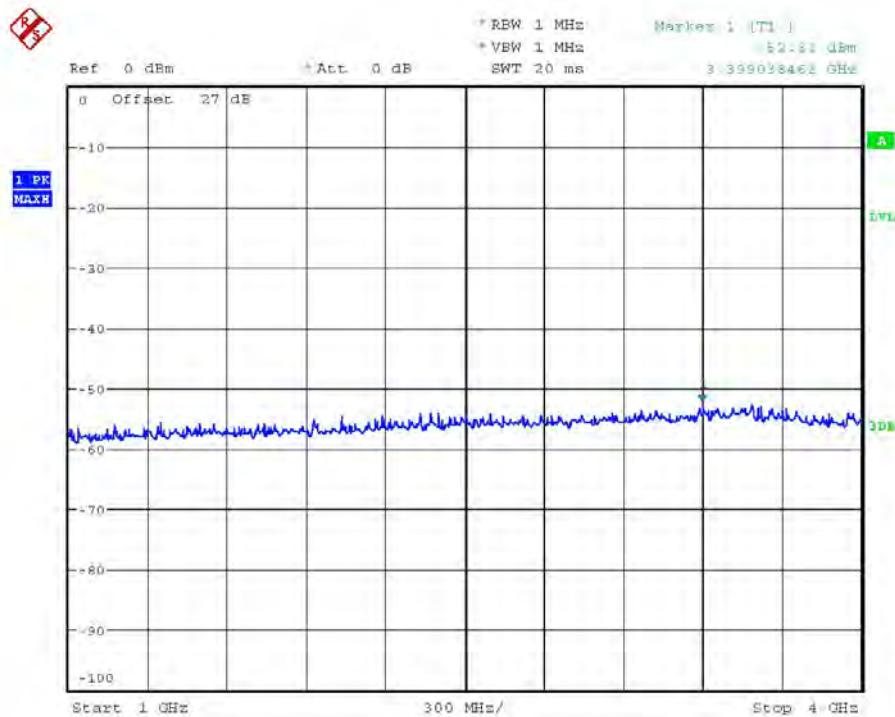


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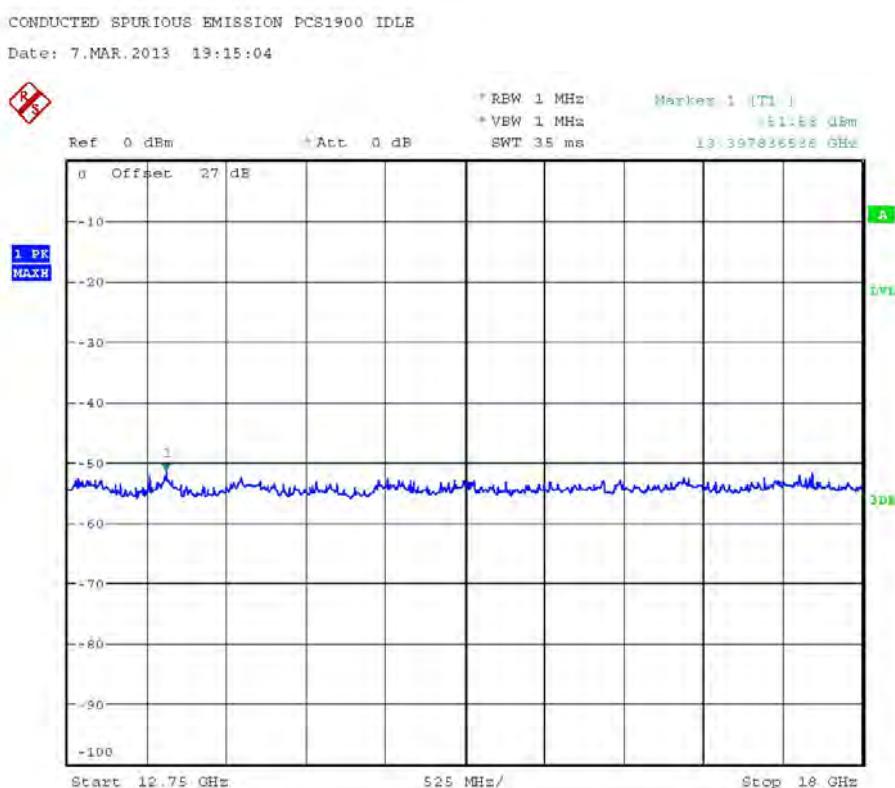
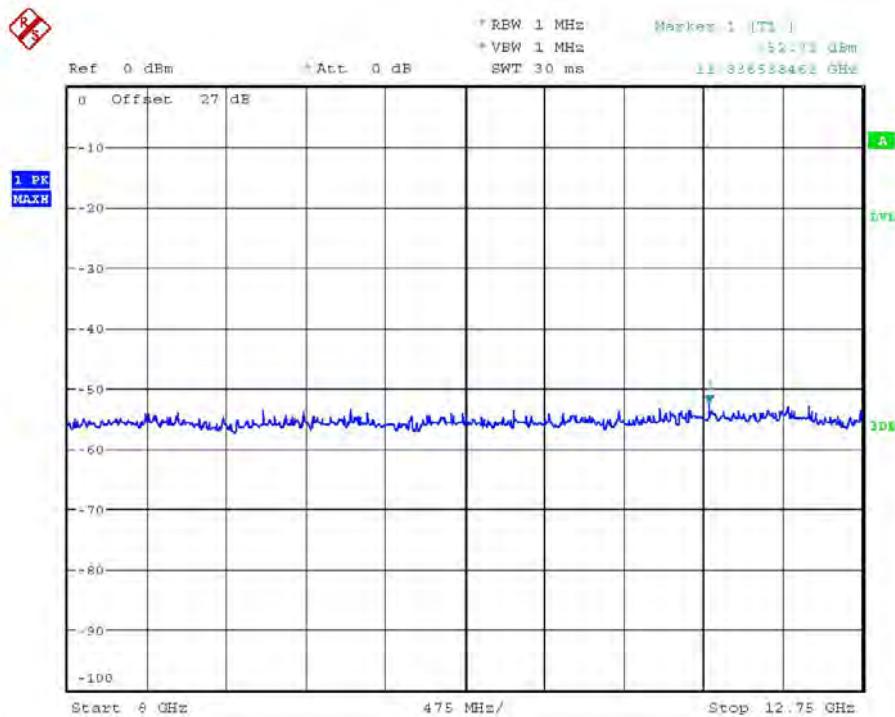


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

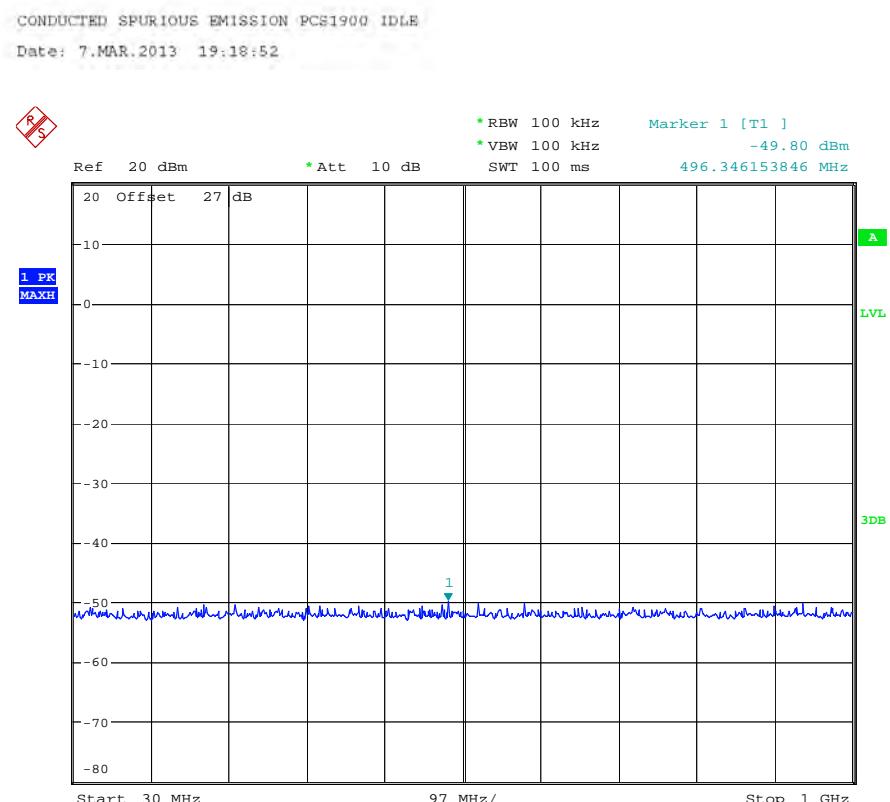
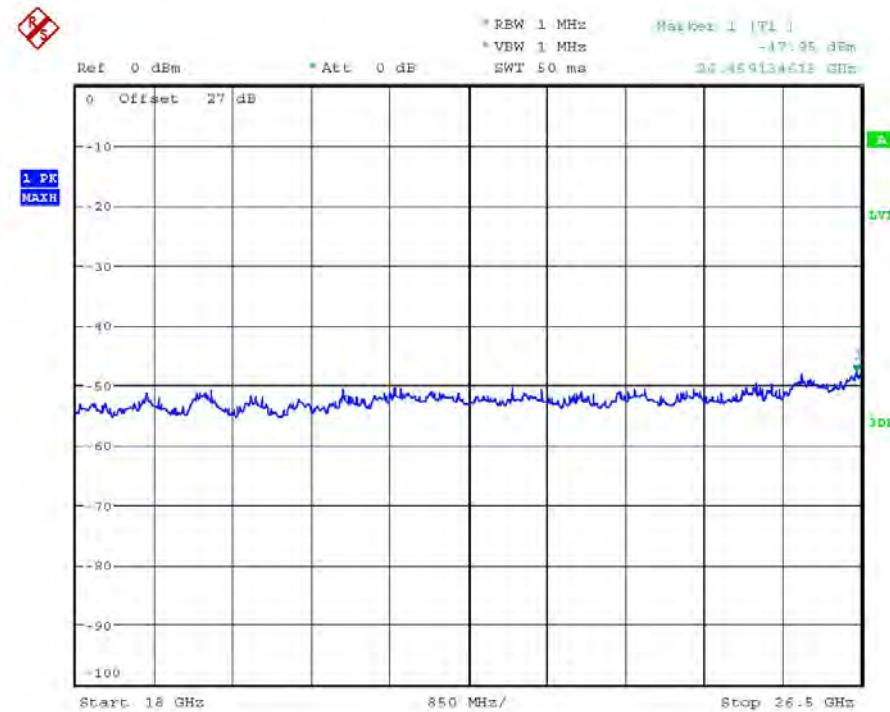


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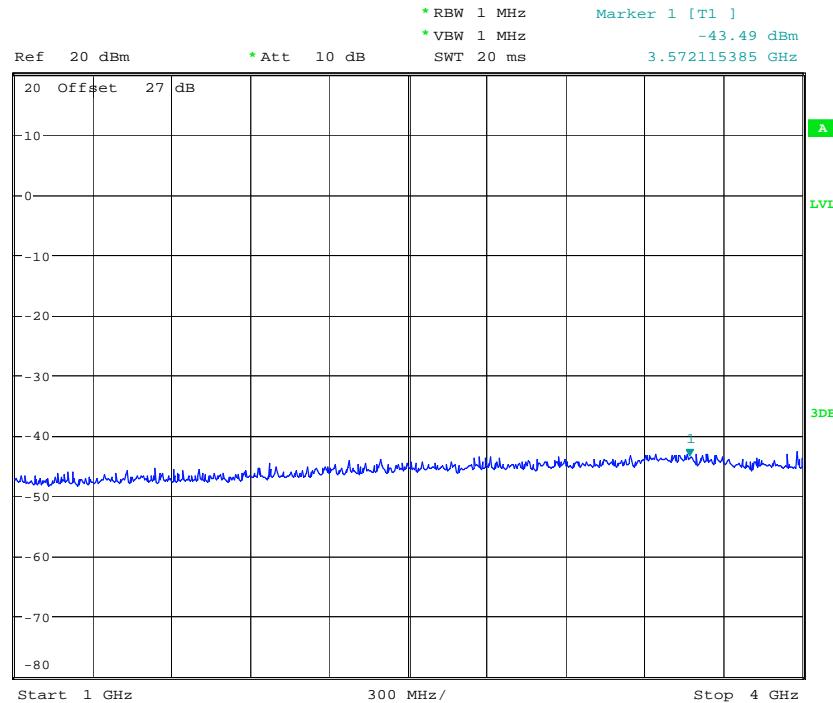
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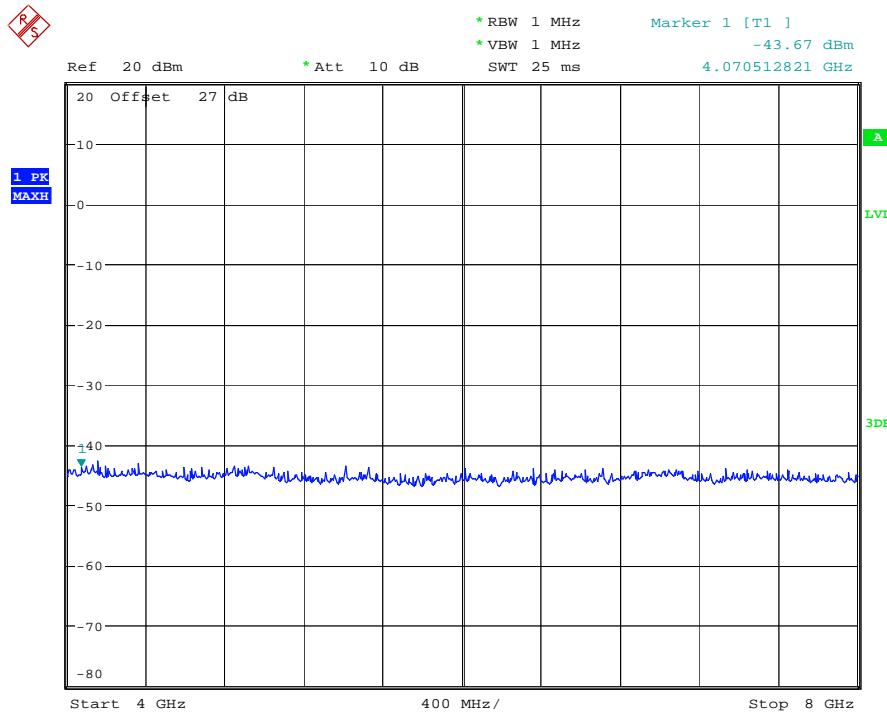
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP



CONDUCTED SPURIOUS EMISSION WCDMA BAND II CH9262

Date: 7.MAR.2013 22:13:08



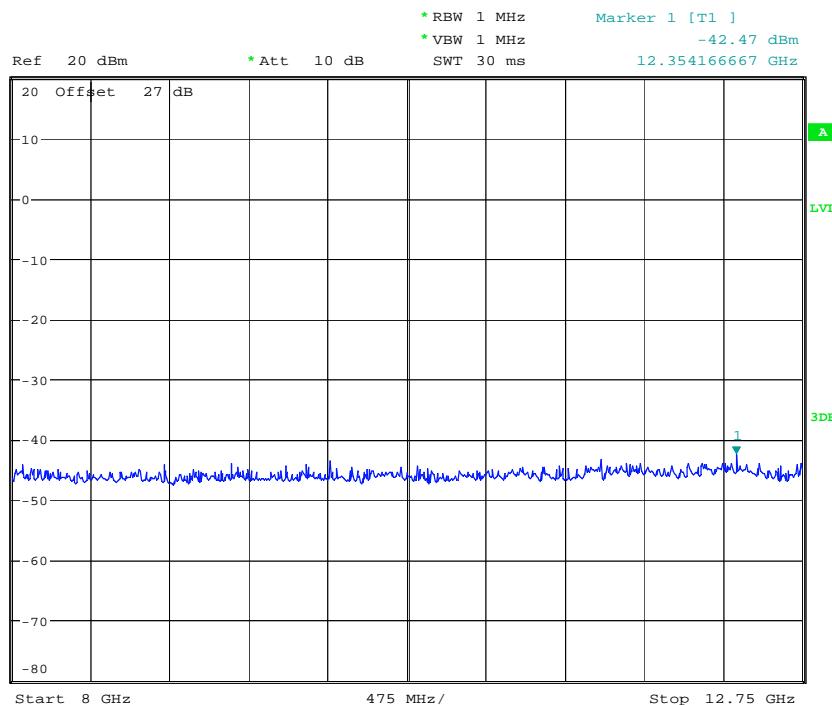
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Date: 7.MAR.2013 23:35:26



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

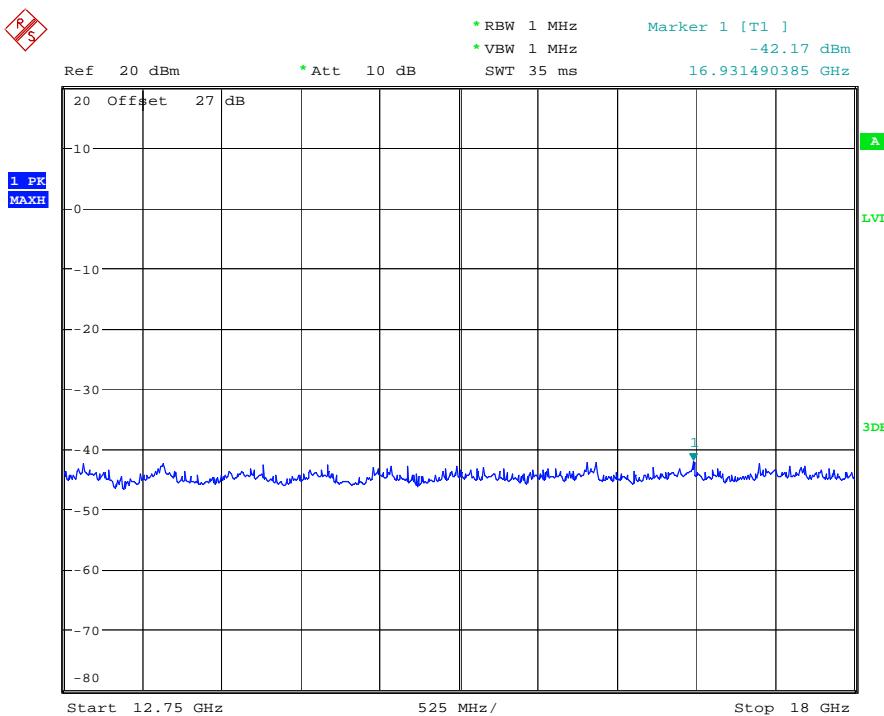
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FCC ID: GX9MP



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Date: 7.MAR.2013 23:37:21



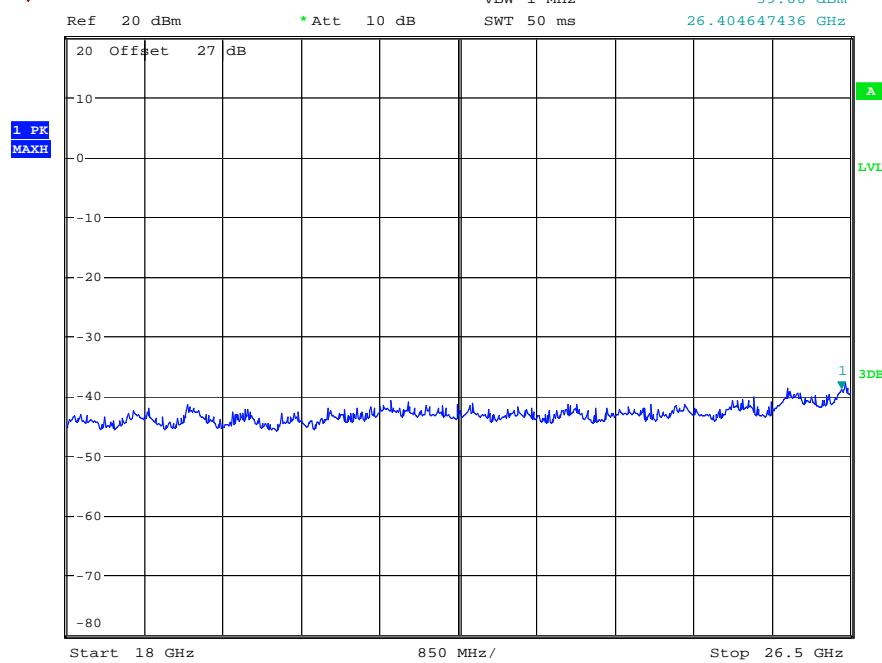
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Report Number: W6M21302-13019-P-2224

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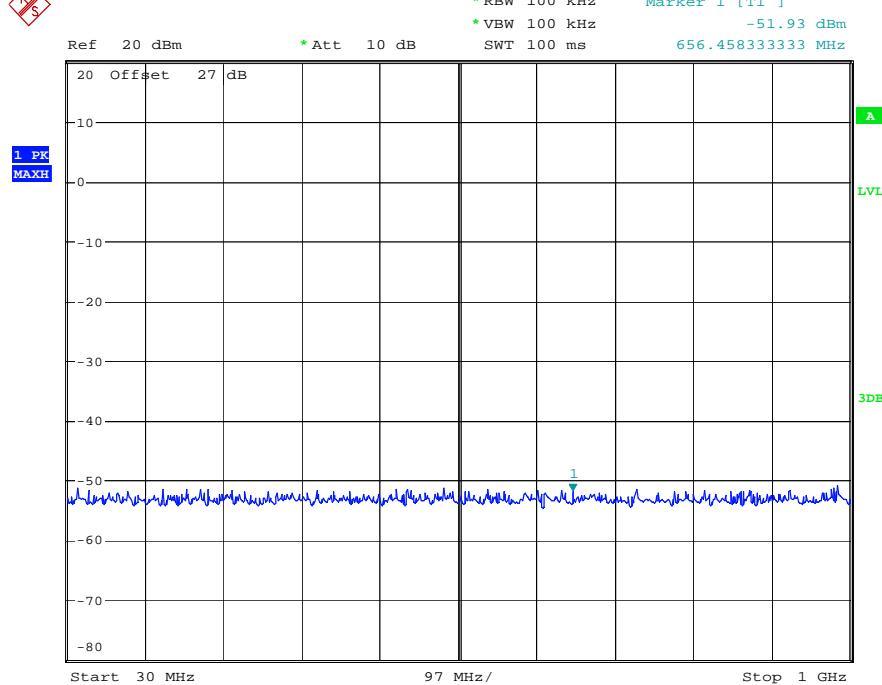


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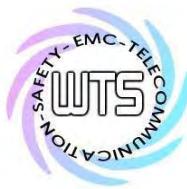
CH9400

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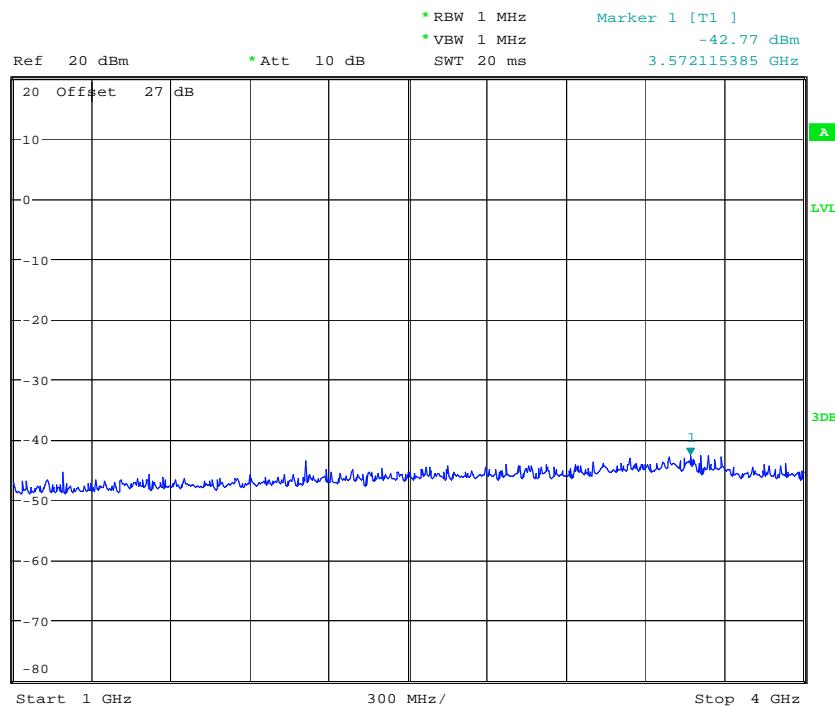


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

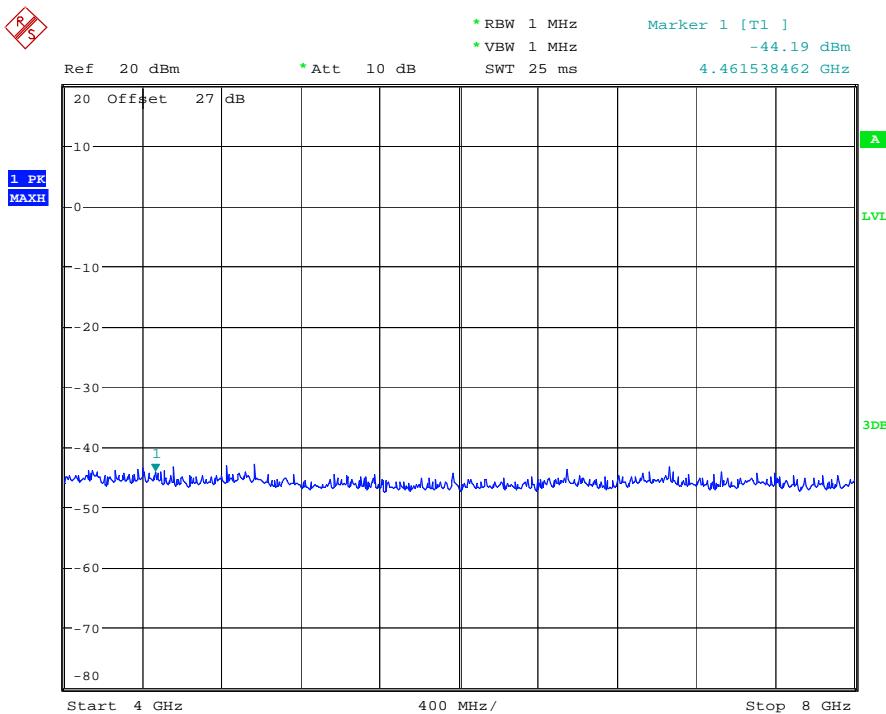
**R**  
**S**



CONDUCTED SPURIOUS EMISSION WCDMA BAND II CH9400

Date: 7.MAR.2013 22:13:22

**R**  
**S**



CONDUCTED SPURIOUS EMISSION WCDMA BAND II CH9400

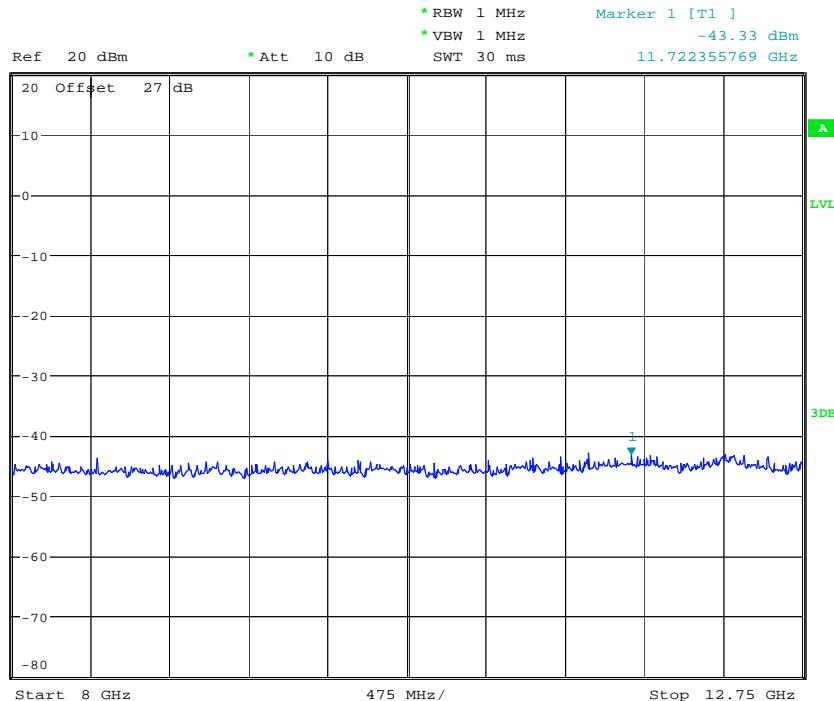
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# Worldwide Testing Services(Taiwan) Co., Ltd.

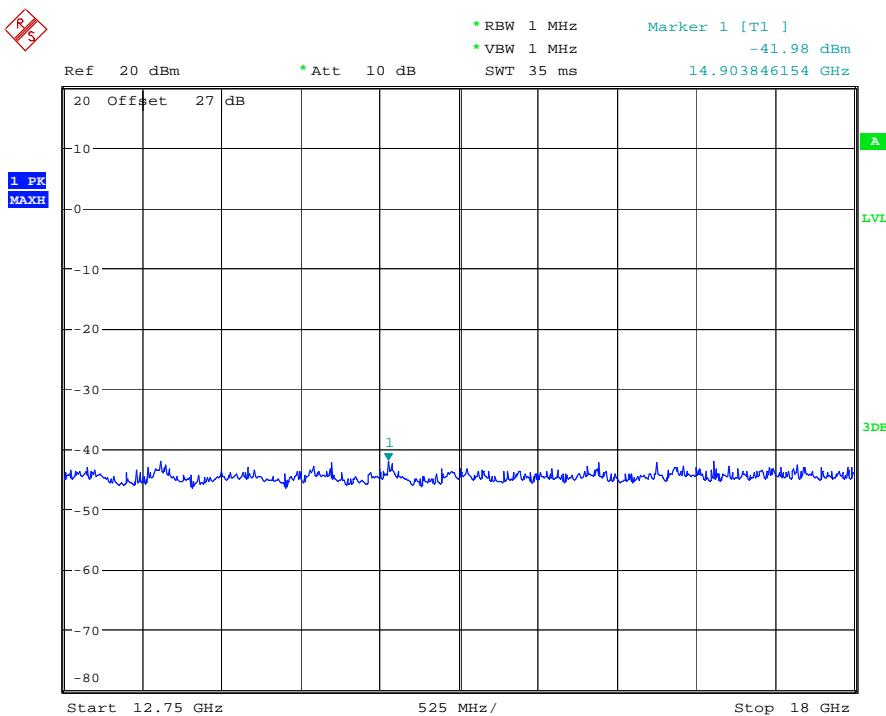
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FCC ID: GX9MP



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Date: 7.MAR.2013 23:37:39



CONDUCTED SPURIOUS EMISSION WCDMA BAND II CH9400

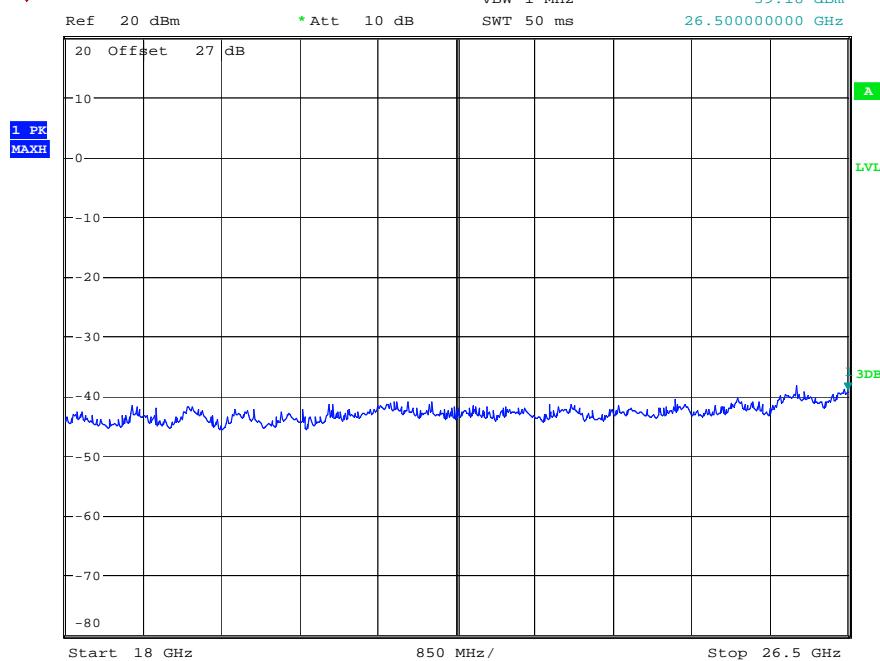
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# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
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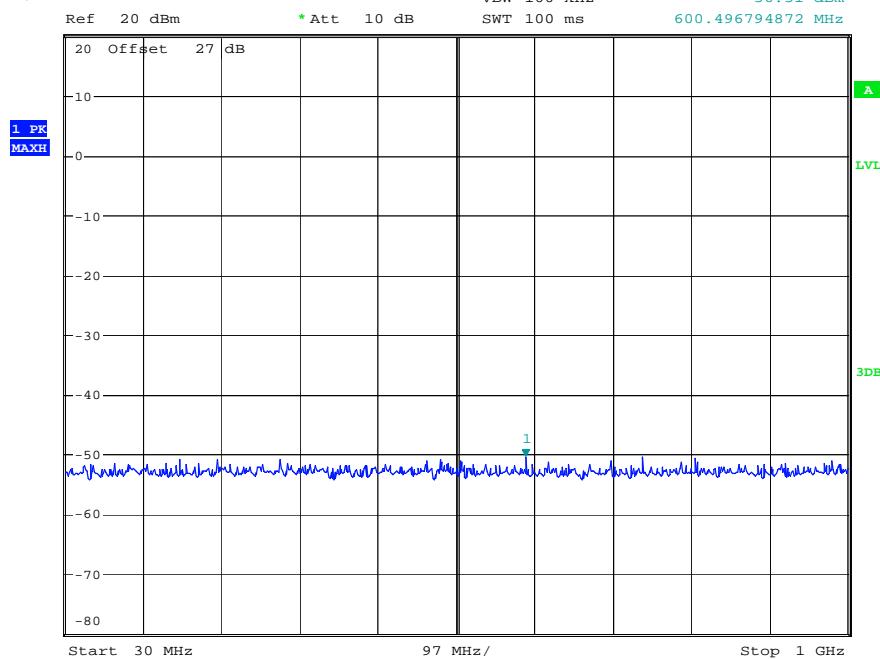
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Date: 7.MAR.2013 23:39:44

CH9538

REF



CONDUCTED SPURIOUS EMISSION WCDMA BAND II CH9538  
Date: 7.MAR.2013 18:21:11

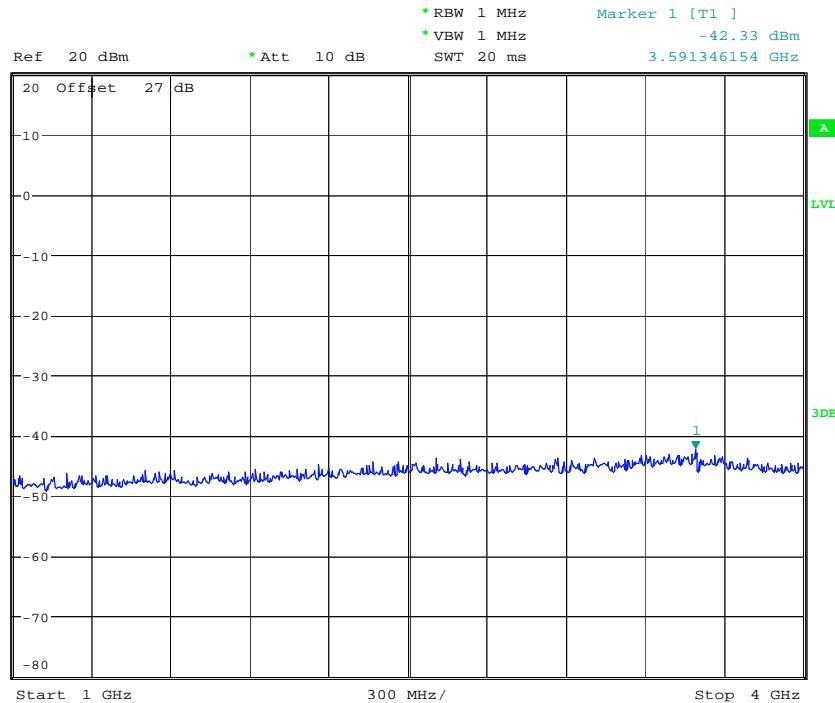


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

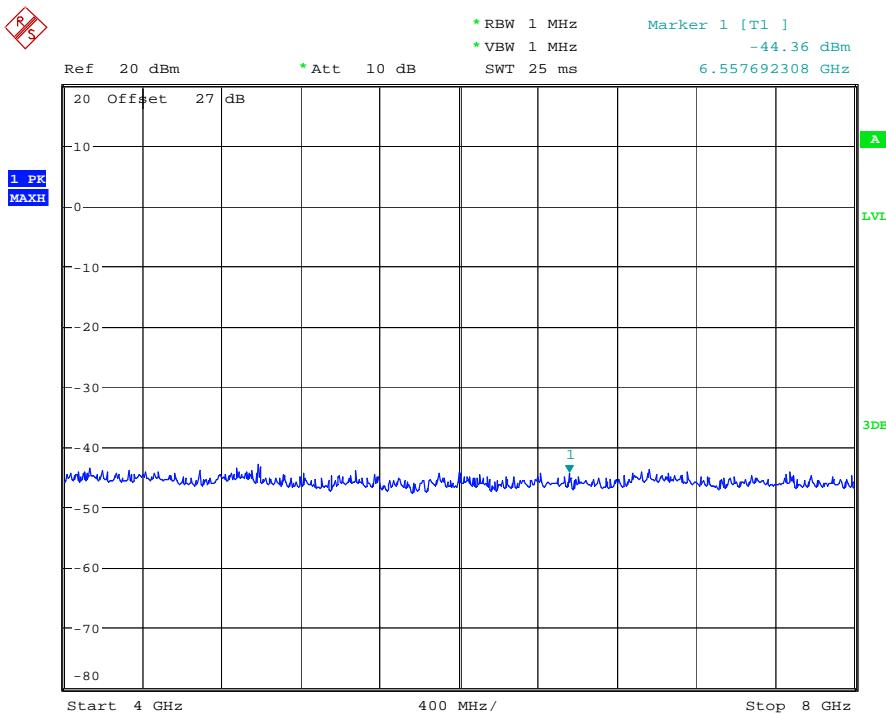
**R**  
**S**



CONDUCTED SPURIOUS EMISSION WCDMA BAND II CH9538

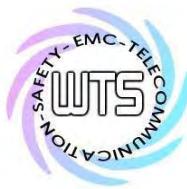
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**R**  
**S**



CONDUCTED SPURIOUS EMISSION WCDMA BAND II CH9538

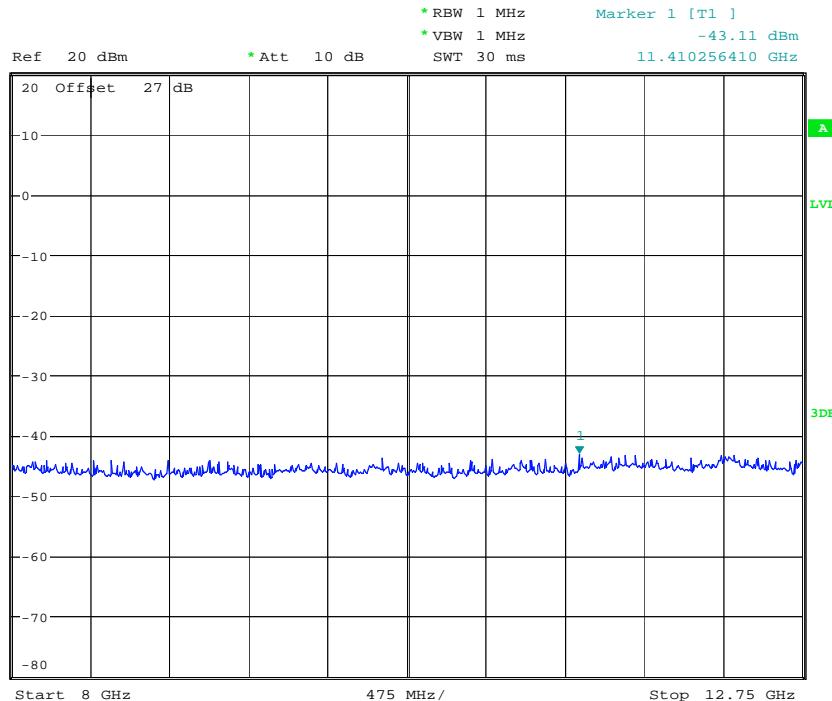
Date: 7.MAR.2013 23:36:04



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

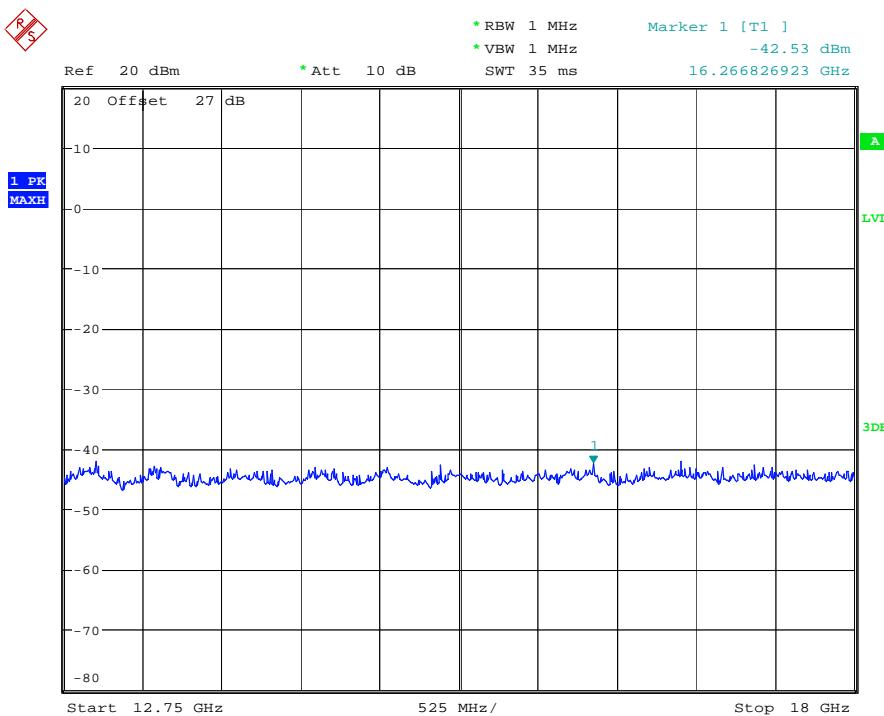
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



CONDUCTED SPURIOUS EMISSION WCDMA BAND II CH9538

Date: 7.MAR.2013 23:37:57



CONDUCTED SPURIOUS EMISSION WCDMA BAND II CH9538

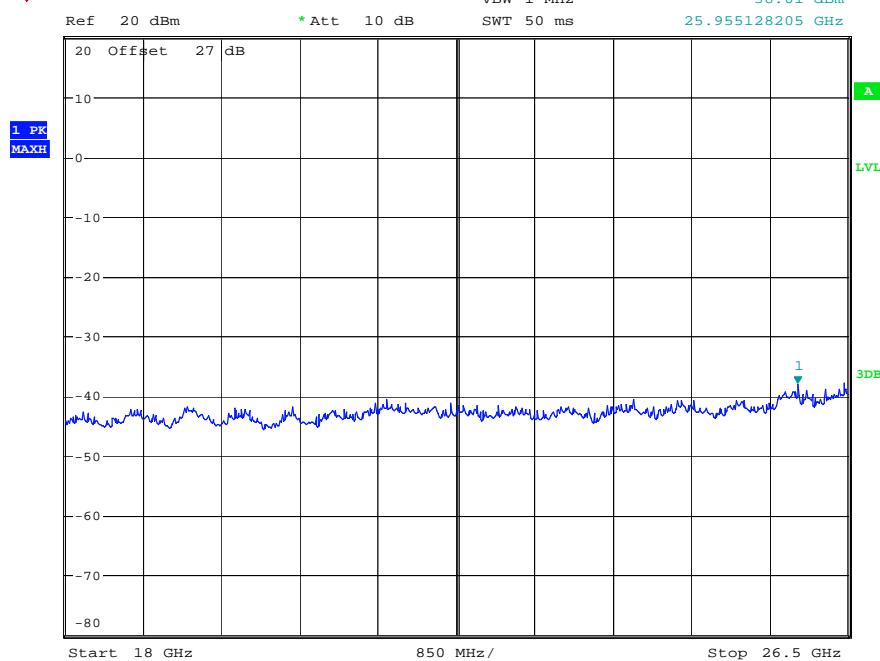
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# Worldwide Testing Services(Taiwan) Co., Ltd.

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FCC ID: GX9MP

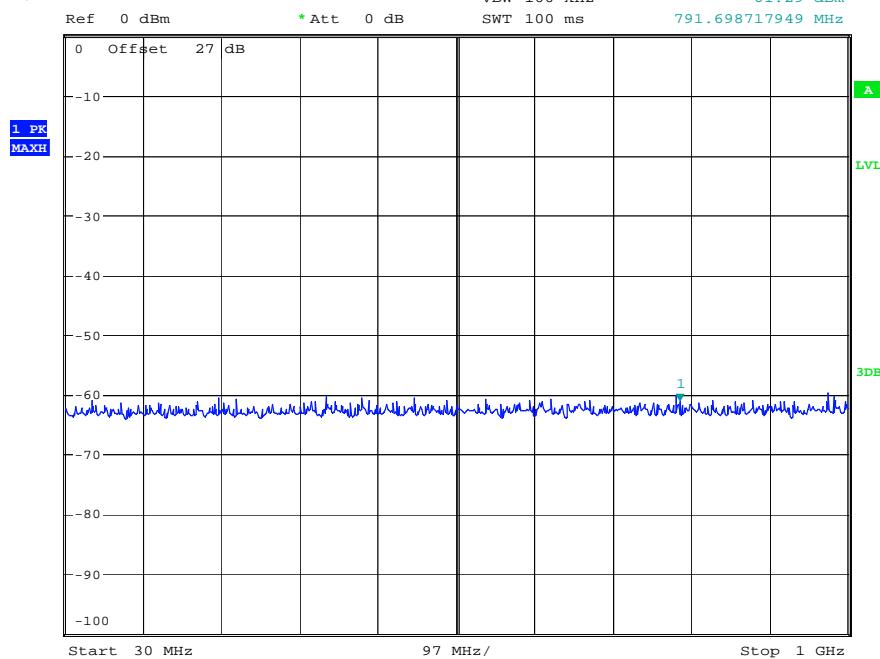
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CONDUCTED SPURIOUS EMISSION WCDMA BAND II CH9538  
Date: 7.MAR.2013 23:40:02

## Band II Idle

REF



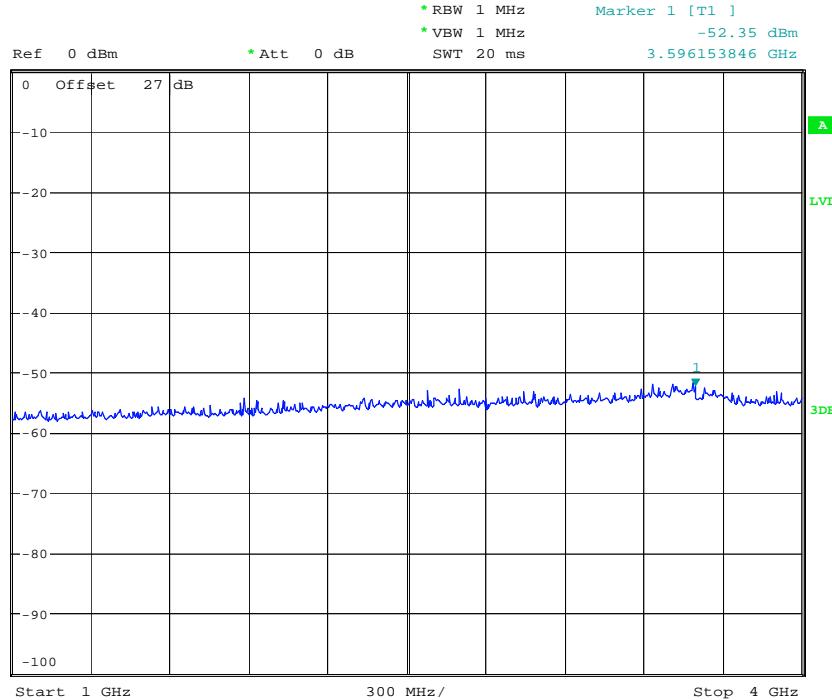
CONDUCTED SPURIOUS EMISSION WCDMA BAND II IDLE  
Date: 7.MAR.2013 18:31:42



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

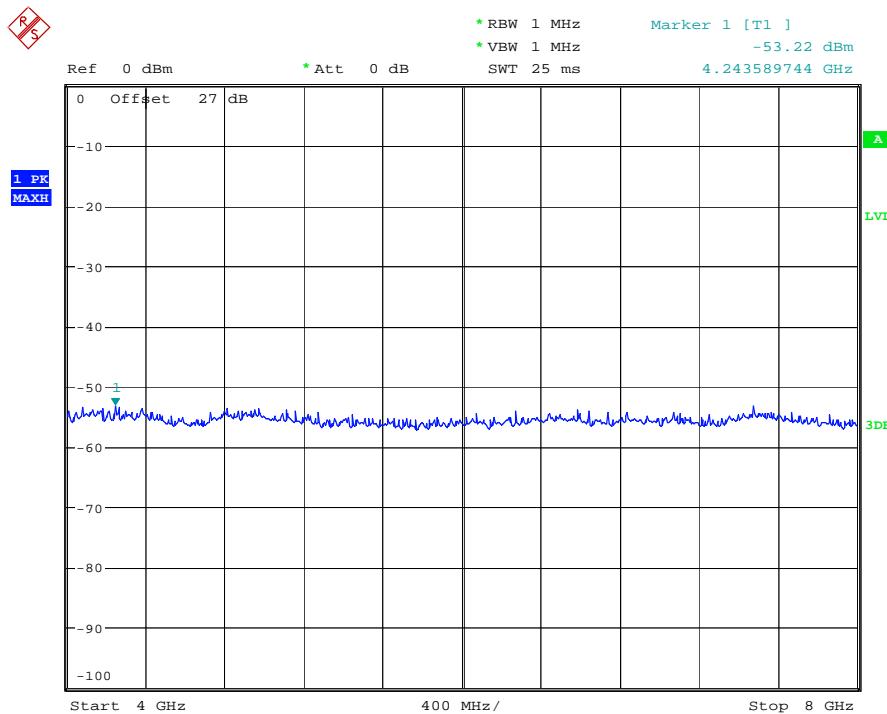
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



CONDUCTED SPURIOUS EMISSION WCDMA BAND II IDLE

Date: 7.MAR.2013 19:10:20



CONDUCTED SPURIOUS EMISSION WCDMA BAND II IDLE

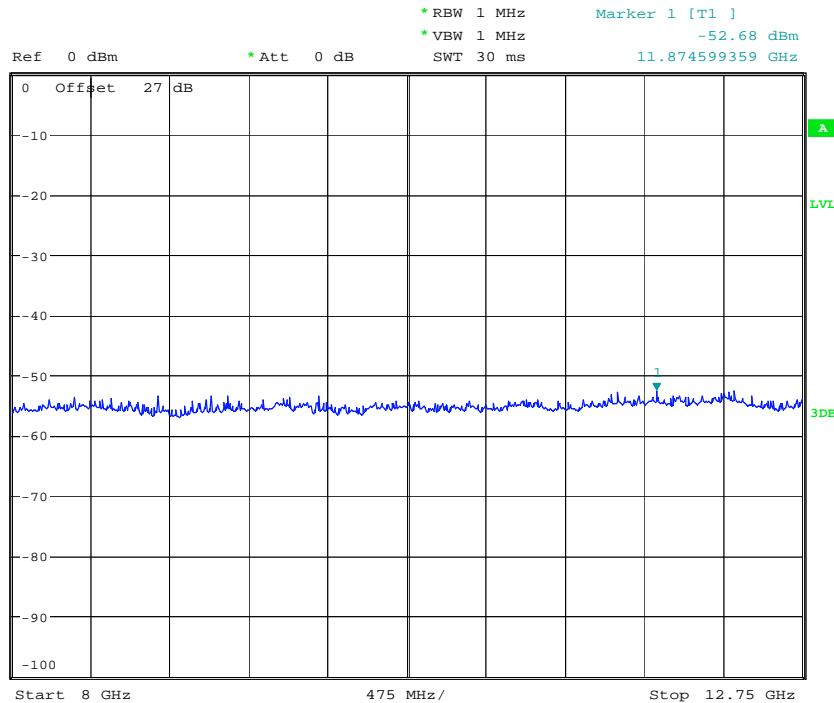
Date: 7.MAR.2013 19:13:21



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

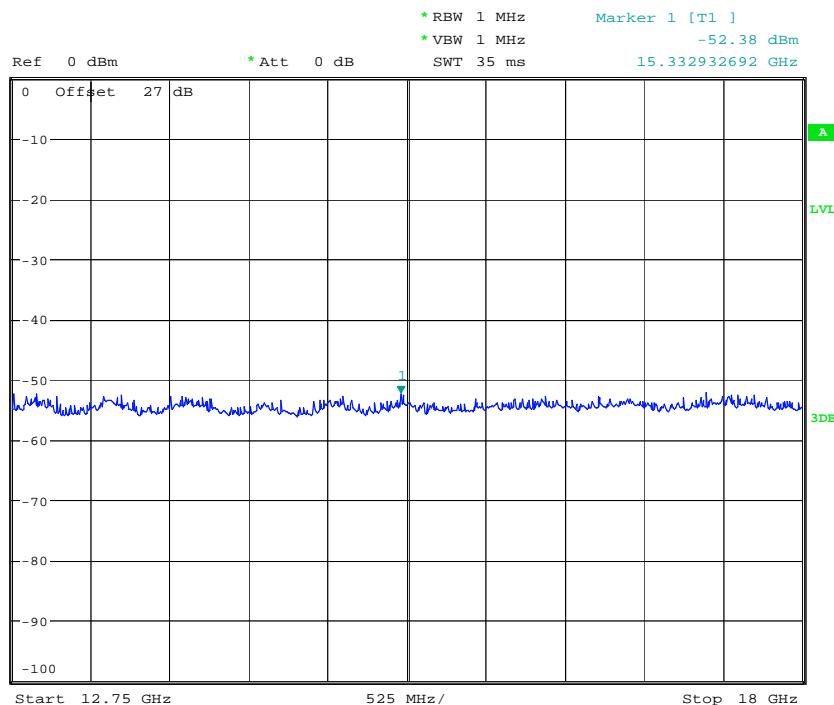
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



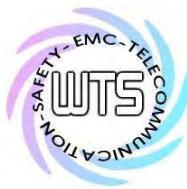
CONDUCTED SPURIOUS EMISSION WCDMA II IDLE

Date: 7.MAR.2013 19:16:05



CONDUCTED SPURIOUS EMISSION WCDMA II IDLE

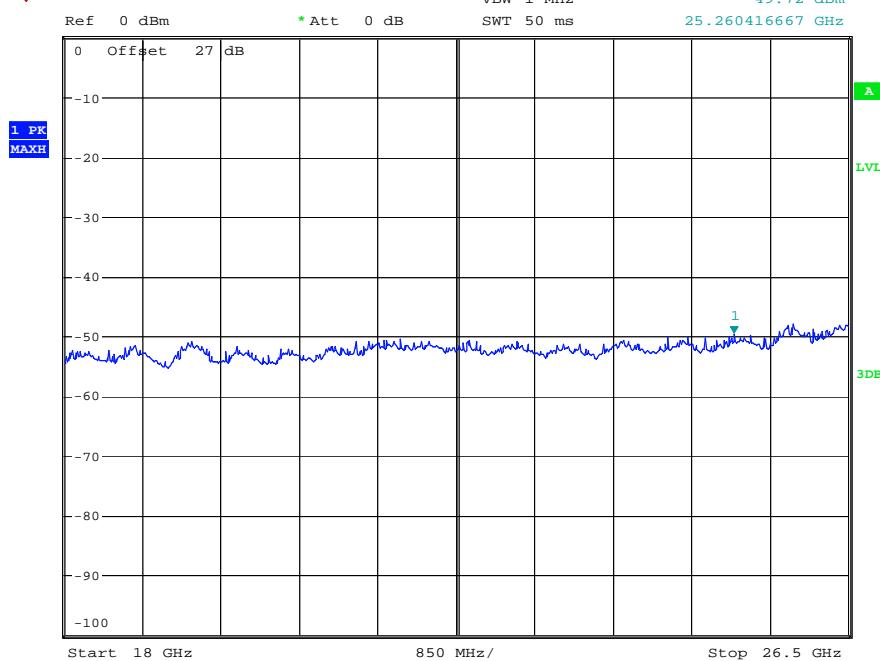
Date: 7.MAR.2013 19:17:07



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

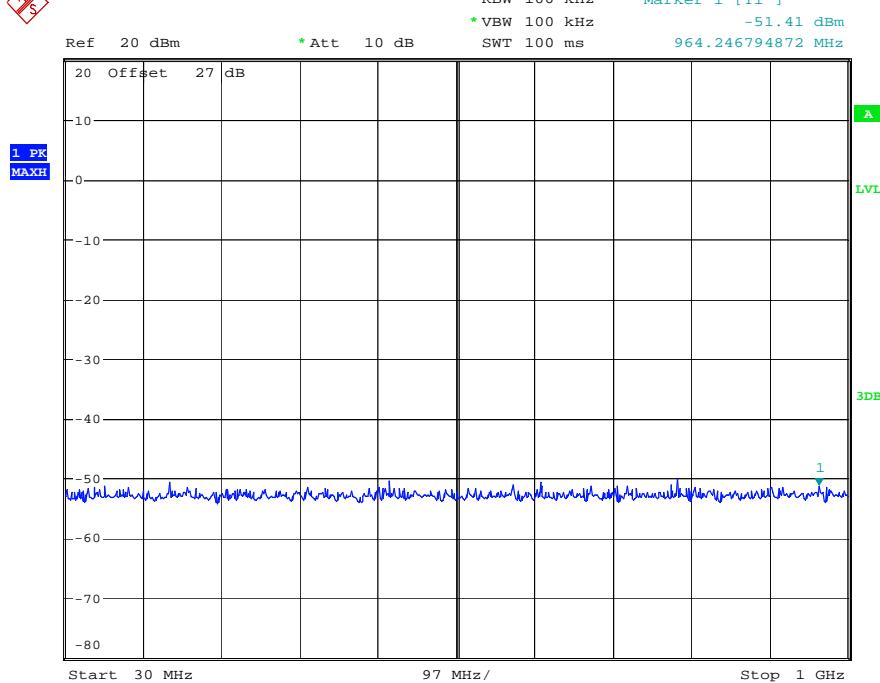
REF



CONDUCTED SPURIOUS EMISSION WCDMA II IDLE  
Date: 7.MAR.2013 19:19:36

CH4132

REF



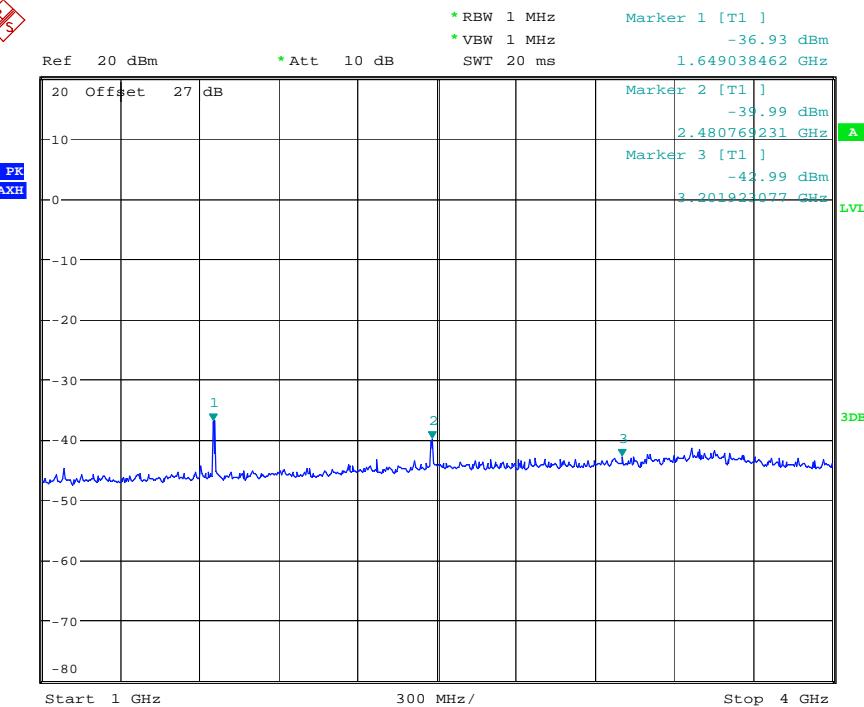
CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4132  
Date: 7.MAR.2013 18:21:57



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

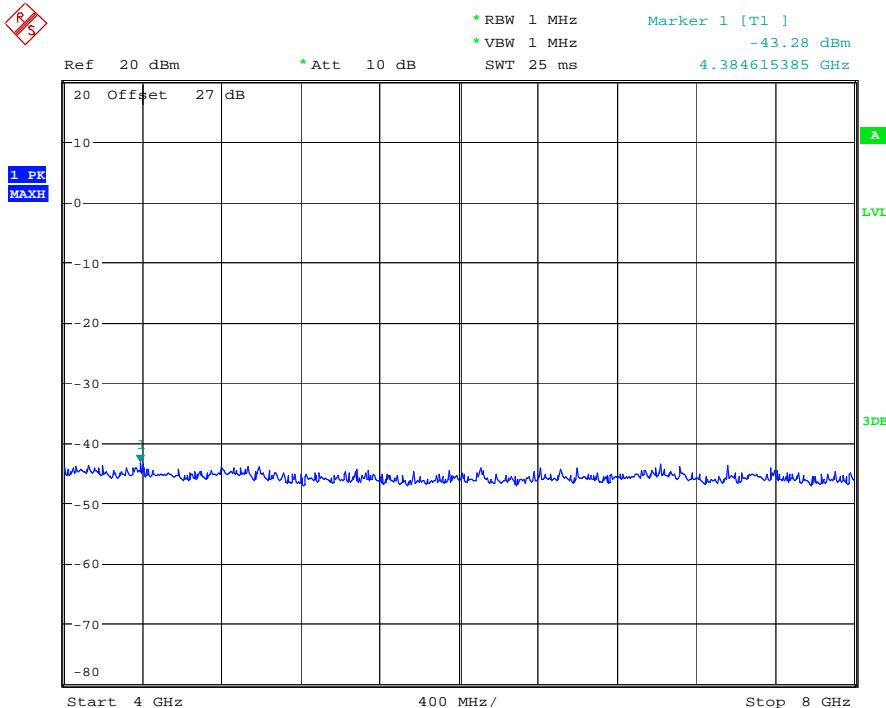
R<sub>S</sub>



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4132

Date: 7.MAR.2013 22:02:23

R<sub>S</sub>



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4132

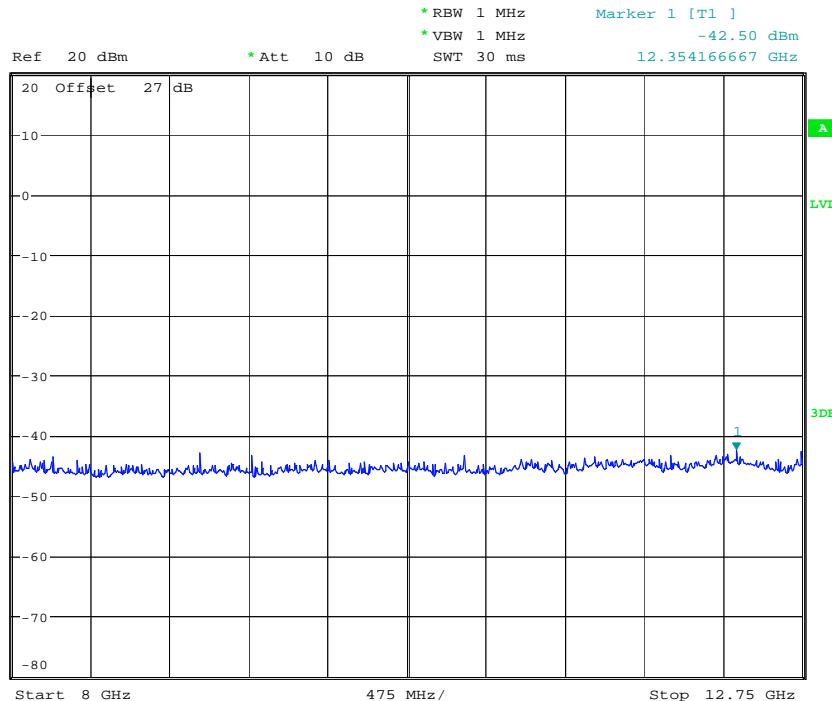
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# Worldwide Testing Services(Taiwan) Co., Ltd.

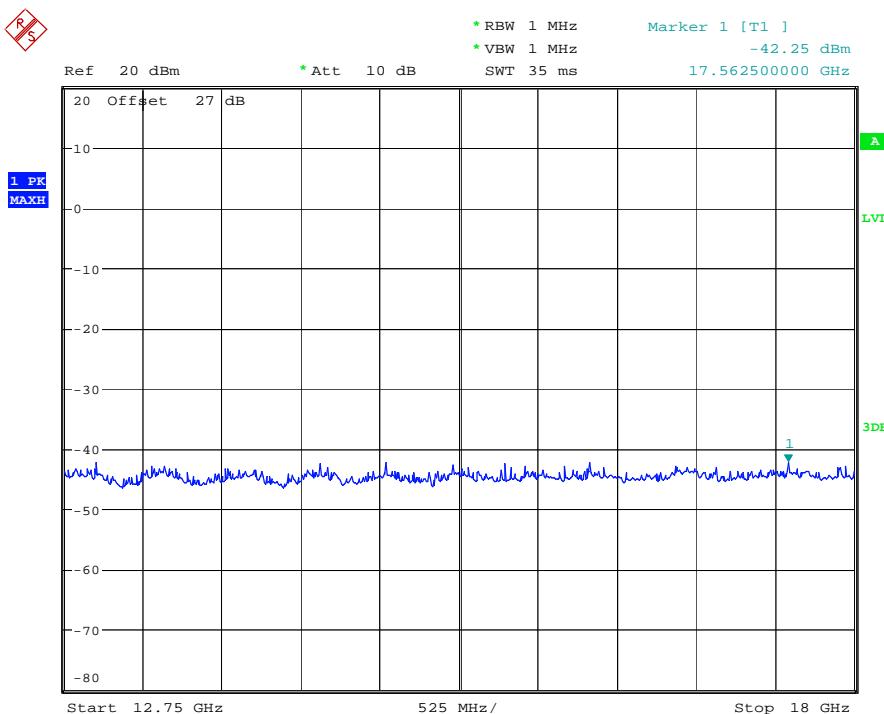
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4132

Date: 7.MAR.2013 22:05:33



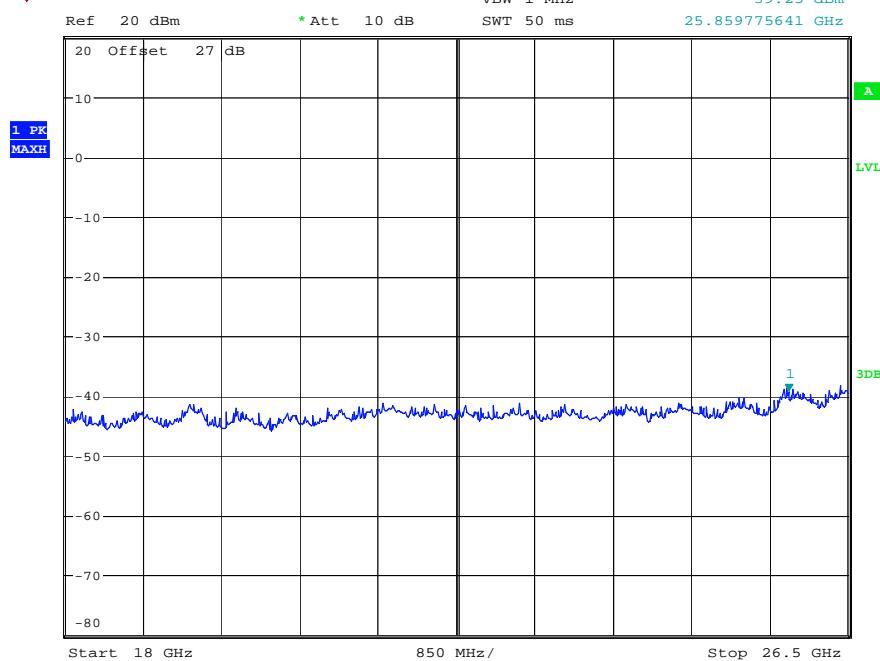
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Date: 7.MAR.2013 22:07:07

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

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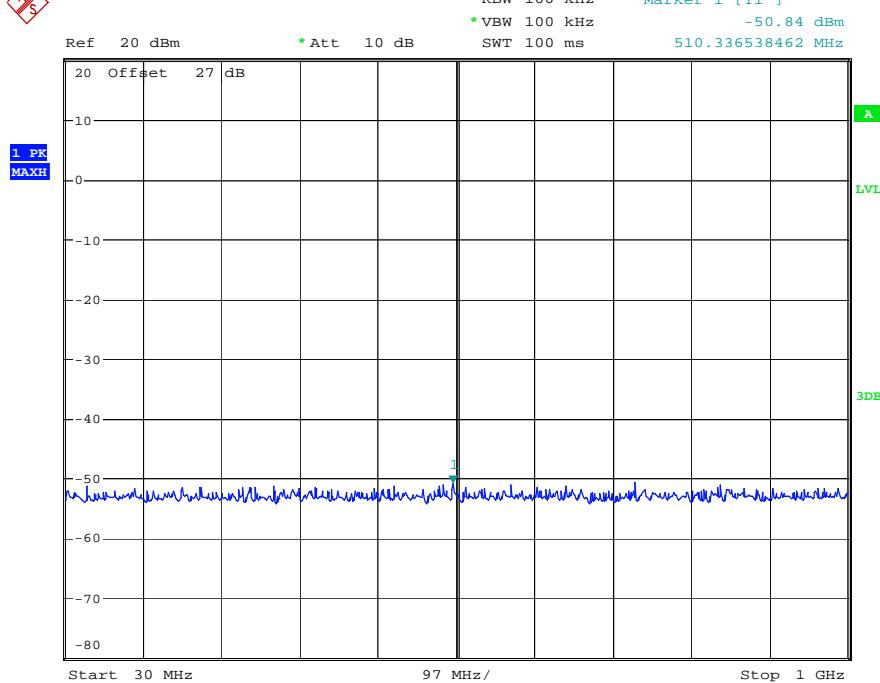


CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4132

Date: 7.MAR.2013 22:07:24

CH4183

REF



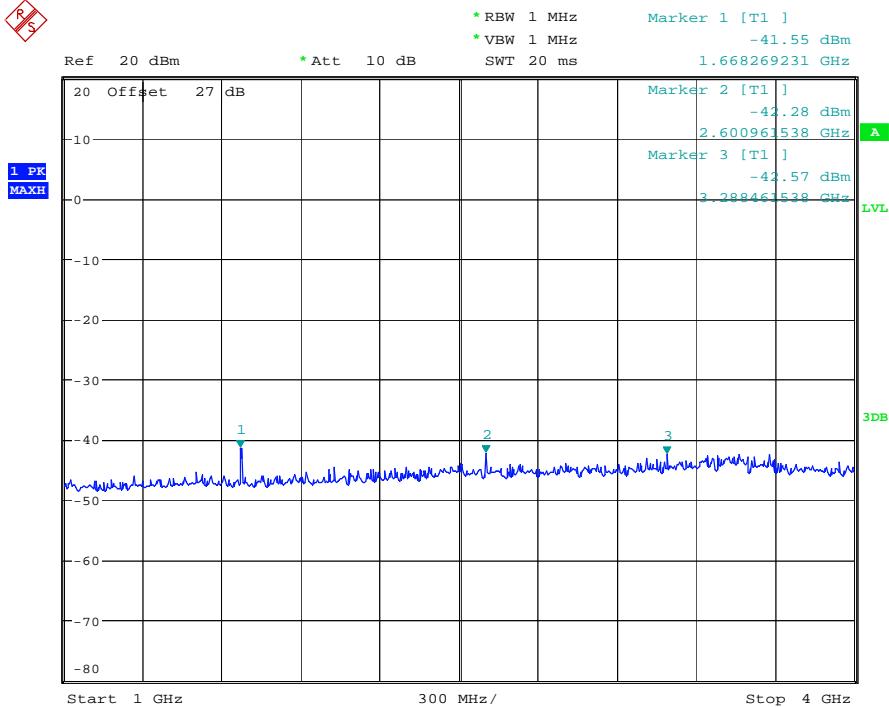
CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4183

Date: 7.MAR.2013 18:22:13

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

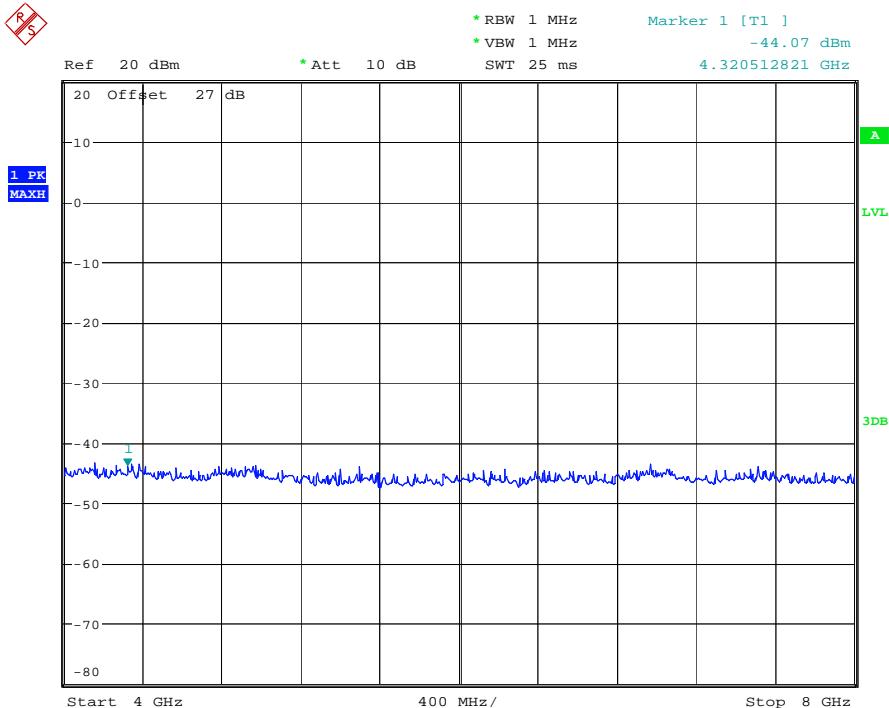
R/S



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4183

Date: 7.MAR.2013 22:03:15

R/S



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4183

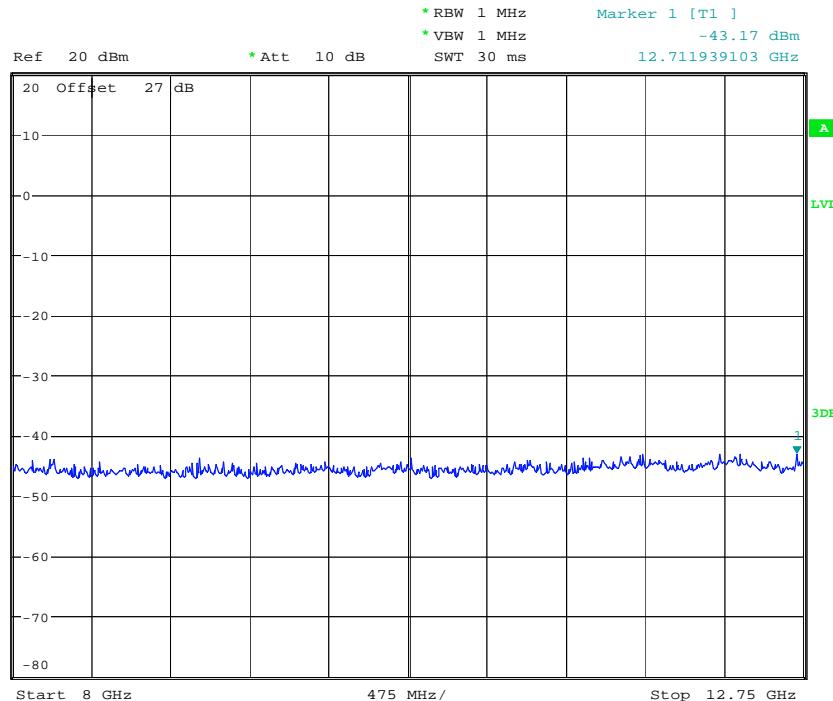
Date: 7.MAR.2013 22:04:44



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

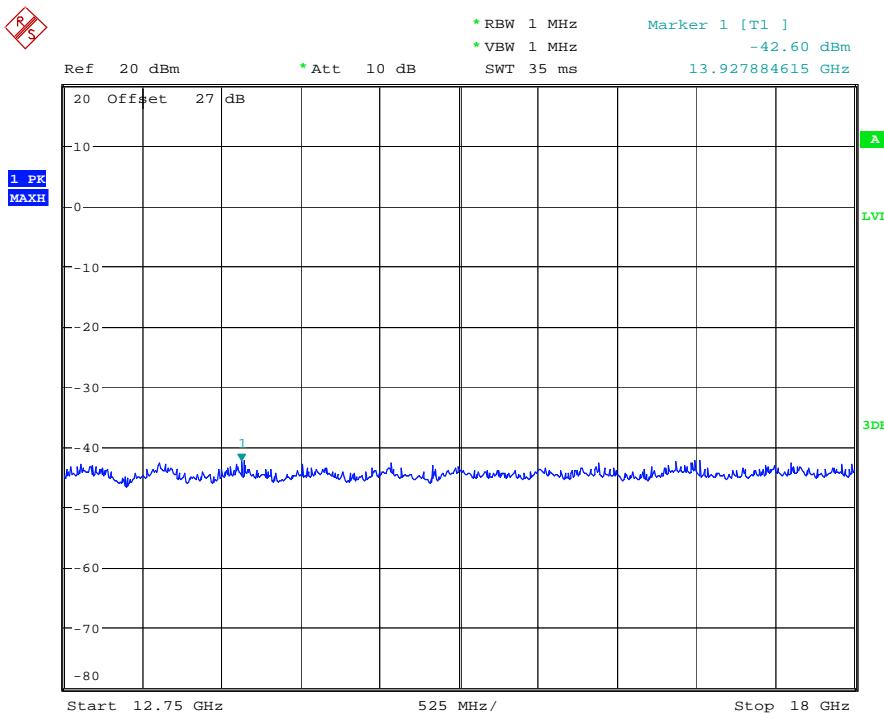
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4183

Date: 7.MAR.2013 22:05:52



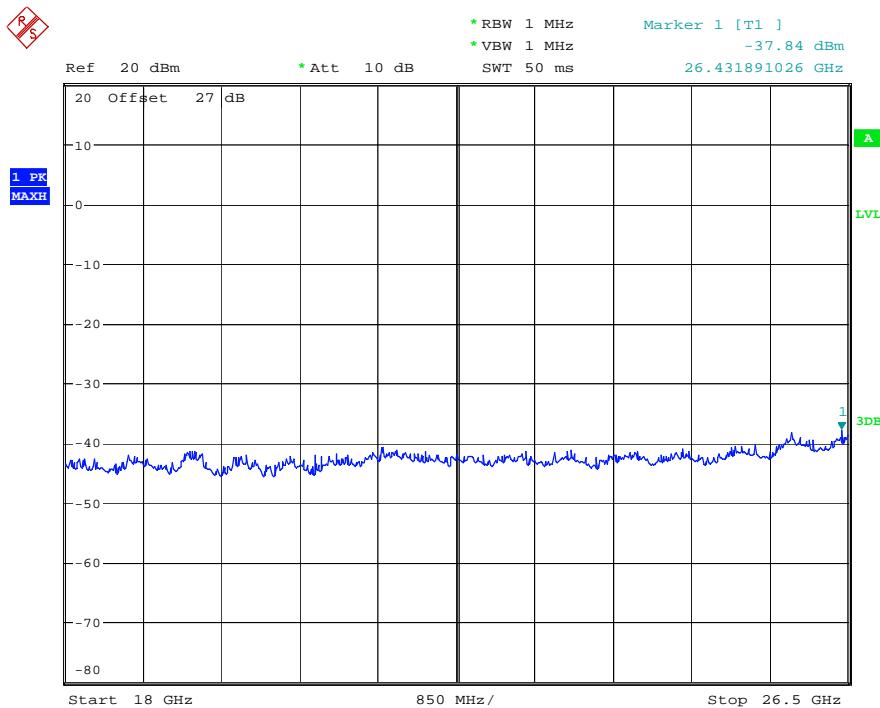
CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4183

Date: 7.MAR.2013 22:06:49



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

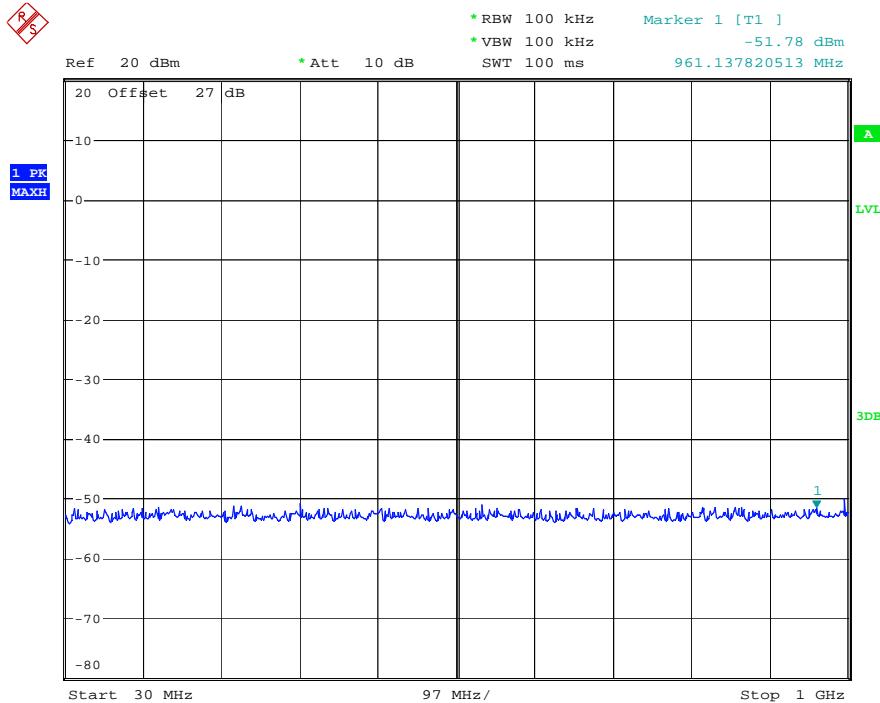
Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP



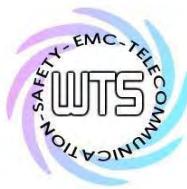
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Date: 7.MAR.2013 22:07:42

CH4233



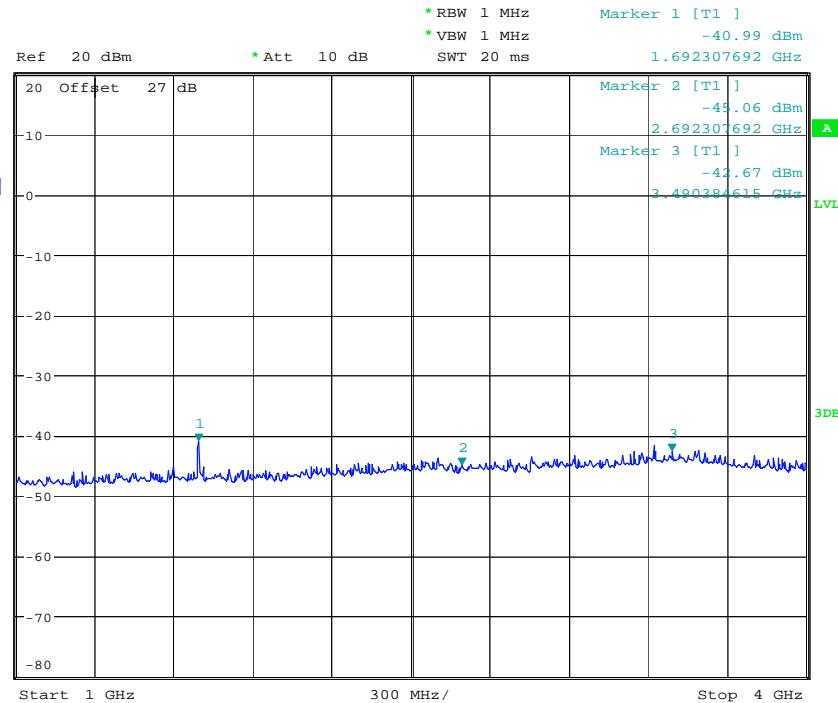
CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233  
Date: 7 MAR 2013 18:22:31



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

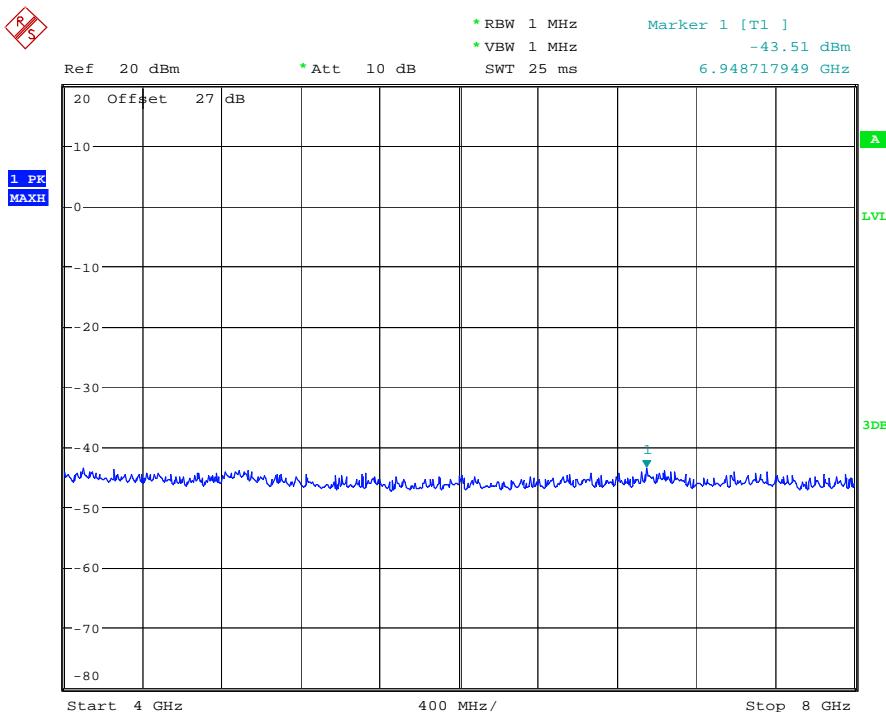
R/S



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233

Date: 7.MAR.2013 22:04:01

R/S



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233

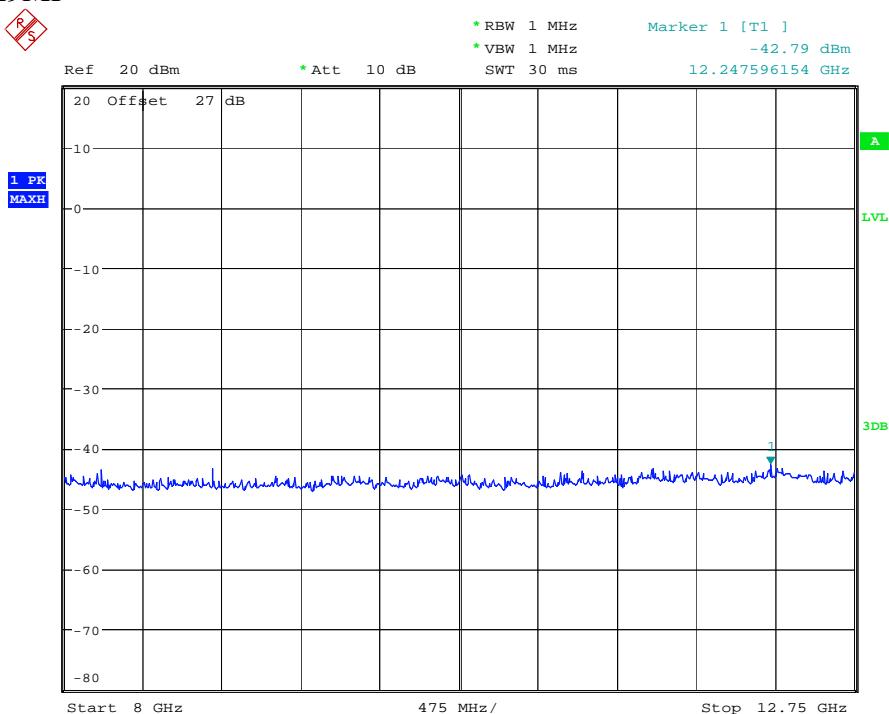
Date: 7.MAR.2013 22:04:21



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

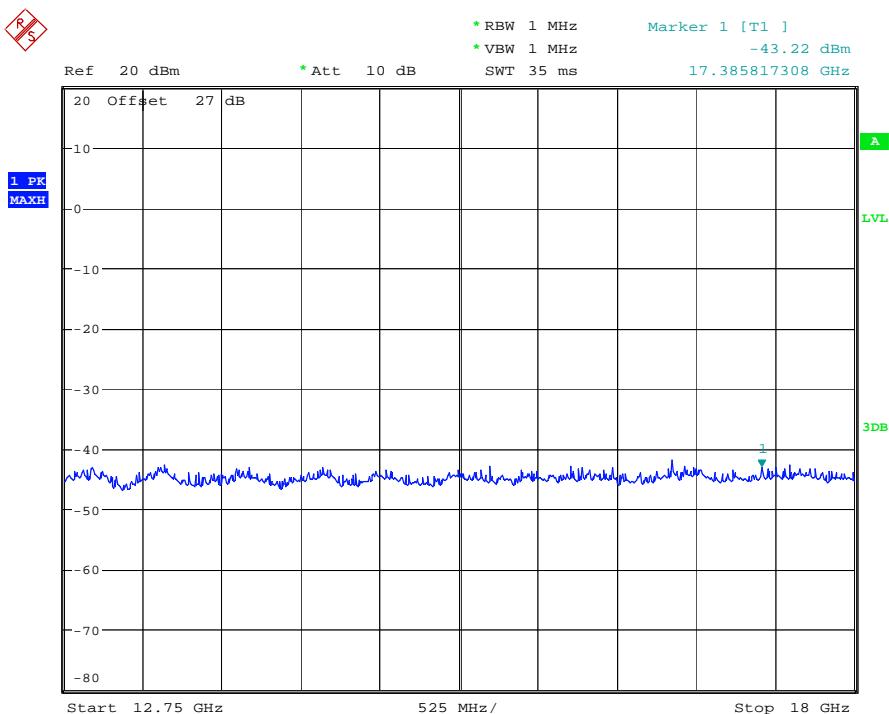
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233

Date: 7.MAR.2013 22:06:13



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233

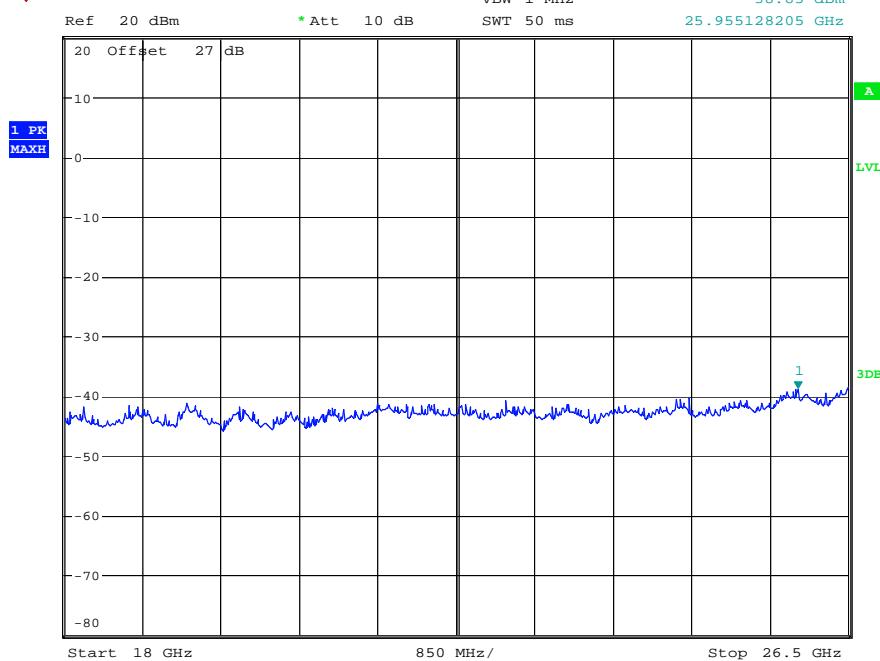
Date: 7 MAR 2013 22:06:30



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

REF

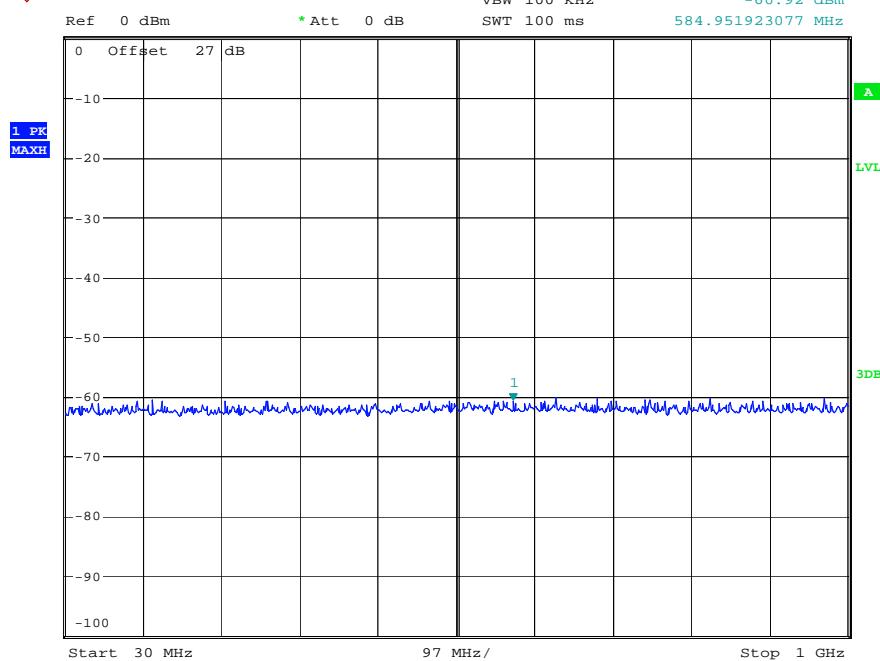


CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233

Date: 7.MAR.2013 22:07:59

Band V Idle

REF



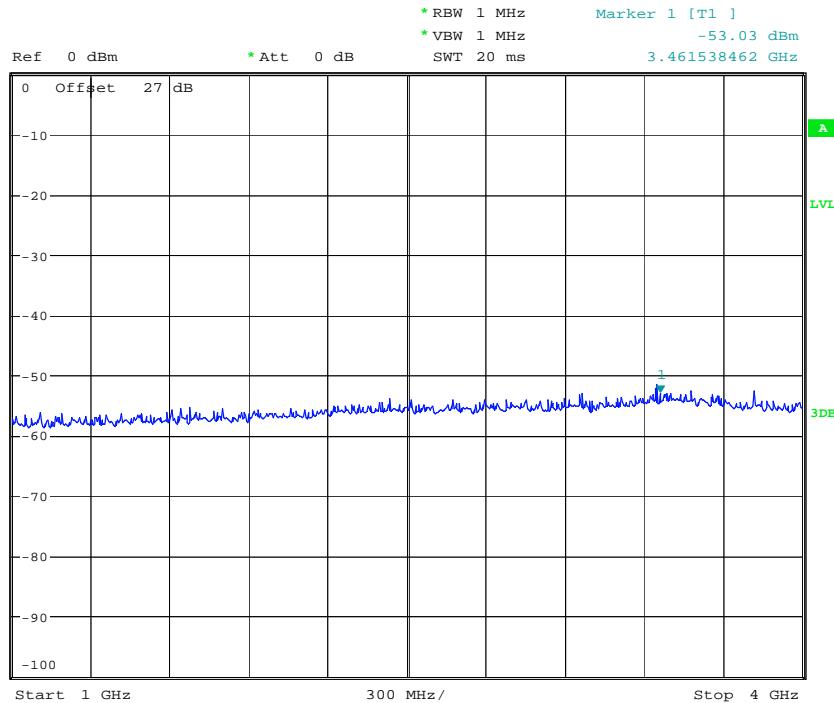
CONDUCTED SPURIOUS EMISSION WCDMA BAND V IDLE  
Date: 7.MAR.2013 18:30:03



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

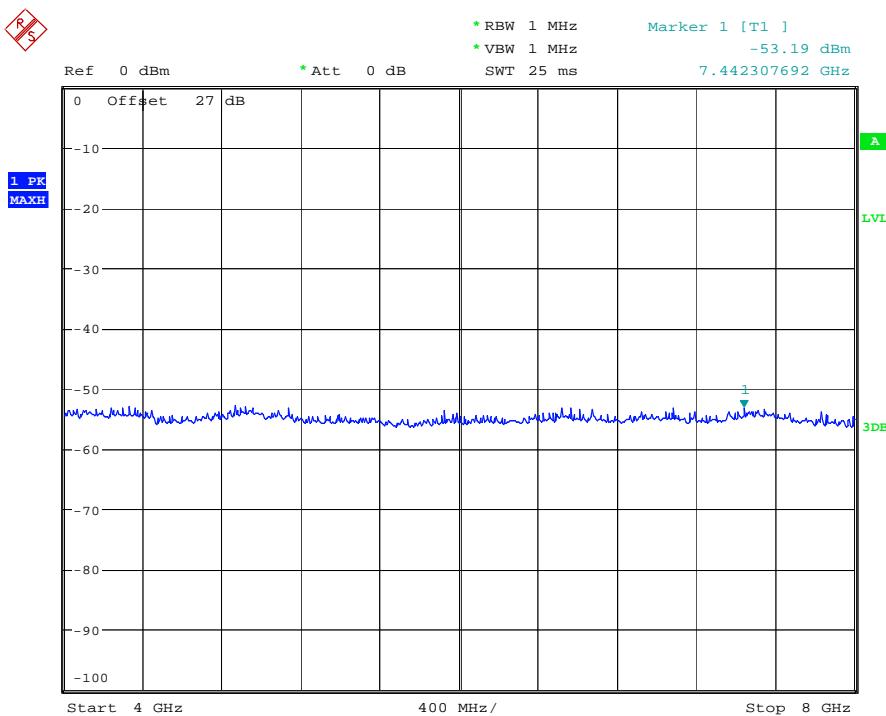
Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

**R**  
**S**



CONDUCTED SPURIOUS EMISSION WCDMA BAND V IDLE  
Date: 7.MAR.2013 19:10:52

**R**  
**S**

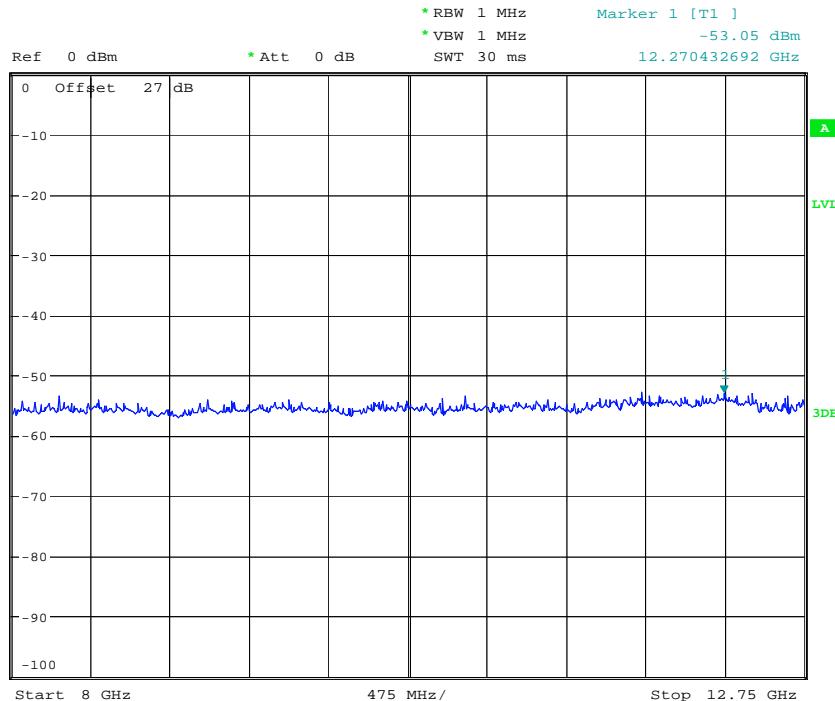


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Date: 7.MAR.2013 19:12:53

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

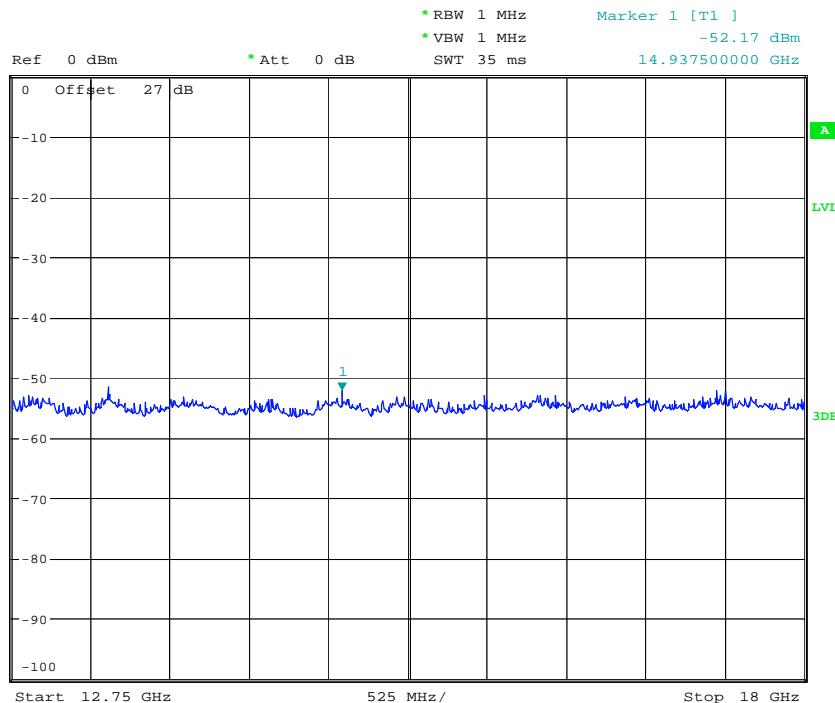
~~RS~~



CONDUCTED SPURIOUS EMISSION WCDMA V IDLE

Date: 7.MAR.2013 19:16:32

~~RS~~

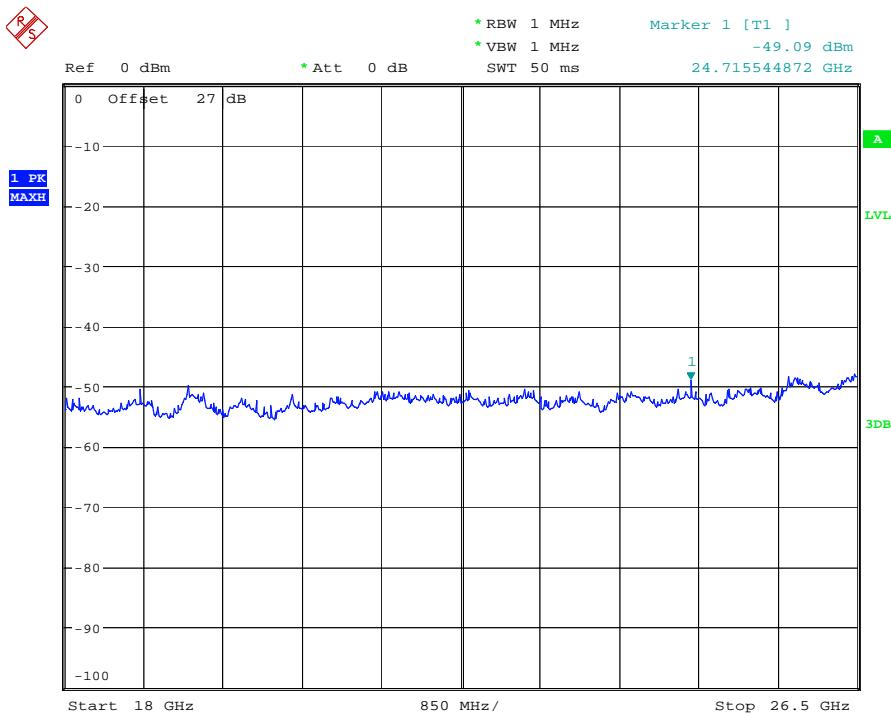


CONDUCTED SPURIOUS EMISSION WCDMA V IDLE

Date: 7.MAR.2013 19:16:48

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



CONDUCTED SPURIOUS EMISSION WCDMA V IDLE  
 Date: 7.MAR.2013 19:20:02

Test equipment: ETSTW-RE 055, ETSTW-GSM 02

### 6.3 Explanation of test result

All factors like cable loss and 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.

### 6.4 Calculation of Limit for Spurious at Antenna Terminals

Compliance with § 22.917(a) requires that any emission be attenuated below the transmitter power at least  $43 + 10 \log P$  ( P = transmitter power in Watts ).

Limit for Spurious Emissions at Antenna Terminals:  $L = P - A = -13 \text{ dBm}$



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

## 7. Field Strength of Spurious Radiation

### 7.1 Test procedure

The test procedure for field strength measurement is same as radiated power except for a notch filter or band pass filter is used to avoid the influence of fundamental to the pre-amplifier.

The measurements below 1GHz were performed with a measurement bandwidth of 100kHz, above 1GHz with a bandwidth of 1 MHz.

### 7.2 Test Results

The measurements of the spurious emission are at the upper, center and lower channel.

CH128\_DC 3.5 V

Model: MPx-xxx Series(x=0~9,A~Z or blank) Date:2013/3/5  
Mode: Active ch128 Temperature: 24 °C Engineer: Robert  
Polarization: Horizontal Humidity: 60 %

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
165.2505	-88.00	24.71	-63.29	-13.00	-50.29	40	150
908.6172	-86.66	36.27	-50.39	-13.00	-37.39	200	150
1649.2990	-21.14	3.00	-18.14	-13.00	-5.14	140	150
2472.9460	-46.56	6.42	-40.14	-13.00	-27.14	210	150
3296.5930	-54.24	9.61	-44.63	-13.00	-31.63	100	150
6597.1940	-56.59	13.60	-42.99	-13.00	-29.99	100	150

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.4550	-87.96	24.27	-63.69	-13.00	-50.69	100	150
887.7756	-86.65	34.60	-52.05	-13.00	-39.05	230	150
1649.2990	-28.89	1.29	-27.60	-13.00	-14.60	200	150
2472.9460	-46.21	6.39	-39.82	-13.00	-26.82	290	150
3296.5930	-59.16	8.50	-50.66	-13.00	-37.66	100	150
4120.2410	-55.60	8.91	-46.69	-13.00	-33.69	260	150

CH128\_DC 4.07 V

Mode: Active ch128

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
161.8437	-88.06	24.63	-63.43	-13.00	-50.43	130	150
650.5010	-87.53	35.05	-52.48	-13.00	-39.48	200	150
1649.2990	-21.11	3.00	-18.11	-13.00	-5.11	210	150
2472.9460	-44.73	6.42	-38.31	-13.00	-25.31	190	150
3296.5930	-55.19	9.61	-45.58	-13.00	-32.58	200	150
7422.8460	-55.22	12.82	-42.40	-13.00	-29.40	100	150



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-86.23	24.31	-61.92	-13.00	-48.92	130	150
881.3627	-86.56	34.65	-51.91	-13.00	-38.91	310	150
1649.2990	-29.03	1.29	-27.74	-13.00	-14.74	190	150
2472.9460	-47.93	6.39	-41.54	-13.00	-28.54	200	150
3296.5930	-59.66	8.50	-51.16	-13.00	-38.16	100	150
4120.2410	-53.61	8.91	-44.70	-13.00	-31.70	200	150

CH188\_DC 3.5 V

Mode: Active ch188

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
174.1082	-87.87	24.90	-62.97	-13.00	-49.97	200	150
902.2044	-86.63	36.45	-50.18	-13.00	-37.18	300	150
1673.3470	-25.94	3.08	-22.86	-13.00	-9.86	200	150
2509.0180	-48.73	6.75	-41.98	-13.00	-28.98	190	150
3344.6890	-57.10	9.73	-47.37	-13.00	-34.37	200	150
6693.3870	-52.39	12.85	-39.54	-13.00	-26.54	200	150

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
45.6714	-81.93	23.05	-58.88	-13.00	-45.88	200	150
918.2365	-86.34	34.43	-51.91	-13.00	-38.91	40	150
1673.3470	-30.53	2.05	-28.48	-13.00	-15.48	270	150
2509.0180	-47.96	6.51	-41.45	-13.00	-28.45	160	150
3344.6890	-59.05	9.07	-49.98	-13.00	-36.98	250	150
6693.3870	-55.23	13.59	-41.64	-13.00	-28.64	200	150

CH188\_DC 4.07 V

Mode: Active ch188

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
168.6573	-88.95	24.78	-64.17	-13.00	-51.17	200	150
900.6012	-86.46	36.49	-49.97	-13.00	-36.97	100	150
1673.3470	-26.02	3.08	-22.94	-13.00	-9.94	190	150
2509.0180	-46.95	6.75	-40.20	-13.00	-27.20	210	150
3344.6890	-55.54	9.73	-45.81	-13.00	-32.81	100	150
6693.3870	-52.93	12.85	-40.08	-13.00	-27.08	100	150



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
46.0121	-84.58	23.01	-61.57	-13.00	-48.57	100	150
931.0621	-86.80	34.39	-52.41	-13.00	-39.41	100	150
1673.3470	-30.32	2.05	-28.27	-13.00	-15.27	230	150
2509.0180	-46.23	6.51	-39.72	-13.00	-26.72	190	150
3344.6890	-58.23	9.07	-49.16	-13.00	-36.16	200	150
4176.3530	-50.20	8.93	-41.27	-13.00	-28.27	160	150

CH251\_DC 3.5 V

Mode: Active ch 251

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
158.7776	-88.40	24.51	-63.89	-13.00	-50.89	210	150
903.8076	-86.89	36.40	-50.49	-13.00	-37.49	100	150
1697.3950	-35.06	3.16	-31.90	-13.00	-18.90	180	150
2545.0900	-48.31	7.24	-41.07	-13.00	-28.07	210	150
3398.7980	-57.22	9.85	-47.37	-13.00	-34.37	100	150
4240.4810	-49.71	9.22	-40.49	-13.00	-27.49	100	150

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
46.6934	-84.90	22.94	-61.96	-13.00	-48.96	200	150
974.3487	-86.42	35.03	-51.39	-13.00	-38.39	40	150
1697.3950	-40.59	2.82	-37.77	-13.00	-24.77	190	150
2545.0900	-46.06	7.25	-38.81	-13.00	-25.81	200	150
3398.7980	-56.83	9.85	-46.98	-13.00	-33.98	100	150
6789.5790	-54.63	13.89	-40.74	-13.00	-27.74	100	150

CH251\_DC 4.07 V

Mode: Active ch251

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
171.0421	-88.58	24.83	-63.75	-13.00	-50.75	200	150
908.6172	-86.65	36.27	-50.38	-13.00	-37.38	200	150
1697.3950	-35.15	3.16	-31.99	-13.00	-18.99	240	150
2545.0900	-46.33	7.24	-39.09	-13.00	-26.09	160	150
3398.7980	-54.04	9.85	-44.19	-13.00	-31.19	100	150
4240.4810	-49.55	9.22	-40.33	-13.00	-27.33	200	150



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
159.7996	-88.36	25.23	-63.13	-13.00	-50.13	230	150
889.3788	-86.60	34.58	-52.02	-13.00	-39.02	200	150
1697.3950	-41.35	2.82	-38.53	-13.00	-25.53	100	150
2545.0900	-43.28	7.25	-36.03	-13.00	-23.03	200	150
3398.7980	-58.13	9.85	-48.28	-13.00	-35.28	170	150
4240.4810	-49.60	9.26	-40.34	-13.00	-27.34	100	150

850 Band Idle Mode\_DC 3.5 V

Mode: Idle

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
49.4388	3.29	peak	14.25	17.54	40.00	-22.46	135	100
142.7455	3.76	peak	15.11	18.87	43.50	-24.63	110	100
440.1603	3.81	peak	19.84	23.65	46.00	-22.35	150	100
632.6052	3.83	peak	23.45	27.28	46.00	-18.72	210	100

Frequency (MHz)	Reading (dBuV) Peak Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak Ave.	Limit @3m (dBuV/m) Peak Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)			
1294.5890	43.70	---	-8.17	35.53	---	74.00	54.00	-38.47	175	100
2108.2160	44.03	---	-4.80	39.23	---	74.00	54.00	-34.77	120	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
37.7756	4.17	peak	13.81	17.98	40.00	-22.02	330	100
158.2966	4.40	peak	15.26	19.66	43.50	-23.84	150	100
434.3287	2.83	peak	19.65	22.48	46.00	-23.52	140	100
661.7635	4.15	peak	23.75	27.90	46.00	-18.10	160	100

Frequency (MHz)	Reading (dBuV) Peak Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak Ave.	Limit @3m (dBuV/m) Peak Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)			
1294.5890	43.25	---	-8.17	35.08	---	74.00	54.00	-38.92	145	100
1561.1220	43.57	---	-7.68	35.89	---	74.00	54.00	-38.11	160	100



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

850 Band Idle Mode\_DC 4.07 V

Mode: Idle

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
43.6072	2.89	peak	14.23	17.12	40.00	-22.88	75	100
162.1844	3.74	peak	15.17	18.91	43.50	-24.59	115	100
442.1042	3.50	peak	19.88	23.38	46.00	-22.62	240	100
591.7836	3.92	peak	22.82	26.74	46.00	-19.26	310	100

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
				Peak	Ave.	Peak	Ave.			
1154.3090	44.67	---	-8.35	36.32	---	74.00	54.00	-37.68	90	100
1561.1220	44.45	---	-7.68	36.77	---	74.00	54.00	-37.23	130	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
51.3828	2.69	peak	14.08	16.77	40.00	-23.23	245	100
146.6333	3.57	peak	15.21	18.78	43.50	-24.72	160	100
401.2826	3.91	peak	18.63	22.54	46.00	-23.46	230	100
603.4470	4.09	peak	23.20	27.29	46.00	-18.71	270	100

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
				Peak	Ave.	Peak	Ave.			
1028.0560	41.89	---	-6.79	35.10	---	74.00	54.00	-38.90	140	100
1561.1220	43.47	---	-7.68	35.79	---	74.00	54.00	-38.21	350	100

CH512\_DC 3.5 V

Mode: Active ch 512

Polarization: Horizontal

Frequency (MHz)	Reading (dBm)	Factor (dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
156.7335	-88.09	24.36	-63.73	-13.00	-50.73	200	150
887.7756	-85.92	36.14	-49.78	-13.00	-36.78	200	150
3705.4110	-56.58	10.77	-45.81	-13.00	-32.81	210	150
5547.0940	-59.69	12.34	-47.35	-13.00	-34.35	200	150
7406.8140	-54.44	12.90	-41.54	-13.00	-28.54	100	150
11236.4730	-80.95	36.57	-44.38	-13.00	-31.38	120	150



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-86.58	24.31	-62.27	-13.00	-49.27	100	150
890.9820	-86.22	34.57	-51.65	-13.00	-38.65	200	150
3705.4110	-60.26	11.22	-49.04	-13.00	-36.04	190	150
4000.0000	-66.46	12.26	-54.20	-13.00	-41.20	130	150
5547.0940	-62.58	12.59	-49.99	-13.00	-36.99	280	150
7406.8140	-58.62	11.77	-46.85	-13.00	-33.85	210	150

CH512\_DC 4.07 V

Mode: Active ch 512

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
180.2405	-87.84	25.01	-62.83	-13.00	-49.83	130	150
902.2044	-86.90	36.45	-50.45	-13.00	-37.45	200	150
3705.4110	-58.56	10.77	-47.79	-13.00	-34.79	130	150
5547.0940	-58.71	12.34	-46.37	-13.00	-33.37	190	150
7406.8140	-54.08	12.90	-41.18	-13.00	-28.18	200	150
11065.1300	-81.27	36.38	-44.89	-13.00	-31.89	80	150

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
153.6673	-88.06	24.72	-63.34	-13.00	-50.34	100	150
911.8237	-84.98	34.45	-50.53	-13.00	-37.53	200	150
3705.4110	-60.84	11.22	-49.62	-13.00	-36.62	120	150
4000.0000	-67.06	12.26	-54.80	-13.00	-41.80	120	150
5547.0940	-61.23	12.59	-48.64	-13.00	-35.64	160	150
7406.8140	-62.75	11.77	-50.98	-13.00	-37.98	280	150

CH661\_DC 3.5 V

Mode: Active ch 661

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
188.0762	-86.54	24.25	-62.29	-13.00	-49.29	100	150
652.1043	-87.74	35.04	-52.70	-13.00	-39.70	200	150
3759.5190	-57.92	11.09	-46.83	-13.00	-33.83	190	150
5635.2710	-56.81	12.32	-44.49	-13.00	-31.49	140	150
7527.0540	-60.58	12.59	-47.99	-13.00	-34.99	100	150
11284.0680	-79.34	36.02	-43.32	-13.00	-30.32	120	150



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-86.66	24.31	-62.35	-13.00	-49.35	100	150
879.7595	-86.72	34.66	-52.06	-13.00	-39.06	30	150
3759.5190	-59.24	11.78	-47.46	-13.00	-34.46	160	150
4000.0000	-66.21	12.26	-53.95	-13.00	-40.95	230	150
5643.2870	-61.23	12.14	-49.09	-13.00	-36.09	180	150
7519.0380	-60.41	12.04	-48.37	-13.00	-35.37	170	150

CH661\_DC 4.07V

Mode: Active ch 661

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
148.8978	-87.55	23.82	-63.73	-13.00	-50.73	100	150
908.6172	-86.55	36.27	-50.28	-13.00	-37.28	200	150
3765.5310	-54.41	11.12	-43.29	-13.00	-30.29	300	150
5643.2870	-56.97	12.27	-44.70	-13.00	-31.70	190	150
7527.0540	-60.03	12.59	-47.44	-13.00	-34.44	100	150
11455.4110	-80.12	36.90	-43.22	-13.00	-30.22	100	150

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-87.25	24.31	-62.94	-13.00	-49.94	130	150
778.7575	-86.33	34.42	-51.91	-13.00	-38.91	200	150
3765.5310	-56.83	11.85	-44.98	-13.00	-31.98	290	150
4000.0000	-66.84	12.26	-54.58	-13.00	-41.58	190	150
5643.2870	-60.31	12.14	-48.17	-13.00	-35.17	260	150
7527.0540	-58.74	12.08	-46.66	-13.00	-33.66	200	150

CH810\_DC 3.5 V

Mode: Active ch 810

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
188.0762	-86.54	24.25	-62.29	-13.00	-49.29	100	150
913.4270	-86.66	36.14	-50.52	-13.00	-37.52	200	150
3819.6390	-52.85	11.41	-41.44	-13.00	-28.44	20	150
5731.4630	-56.00	12.02	-43.98	-13.00	-30.98	140	150
7639.2790	-58.83	13.00	-45.83	-13.00	-32.83	100	150
11464.9300	-79.83	36.97	-42.86	-13.00	-29.86	40	150



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
46.0121	-83.99	23.01	-60.98	-13.00	-47.98	200	150
884.5692	-85.62	34.62	-51.00	-13.00	-38.00	130	150
3819.6390	-55.16	12.07	-43.09	-13.00	-30.09	190	150
4000.0000	-67.11	12.26	-54.85	-13.00	-41.85	260	150
5731.4630	-60.13	12.26	-47.87	-13.00	-34.87	210	150
7639.2790	-59.68	12.43	-47.25	-13.00	-34.25	190	150

CH810\_DC 4.07 V

Mode: Active ch 810

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
105.2906	-87.86	23.11	-64.75	-13.00	-51.75	100	150
897.3948	-86.45	36.43	-50.02	-13.00	-37.02	40	150
3819.6390	-53.48	11.41	-42.07	-13.00	-29.07	200	150
5731.4630	-58.38	12.02	-46.36	-13.00	-33.36	260	150
7639.2790	-60.67	13.00	-47.67	-13.00	-34.67	100	150
11493.4870	-81.13	37.18	-43.95	-13.00	-30.95	190	150

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-86.86	24.31	-62.55	-13.00	-49.55	100	150
886.1724	-86.47	34.61	-51.86	-13.00	-38.86	230	150
3819.6390	-58.68	12.07	-46.61	-13.00	-33.61	200	150
4000.0000	-66.70	12.26	-54.44	-13.00	-41.44	250	150
5731.4630	-59.85	12.26	-47.59	-13.00	-34.59	160	150
7639.2790	-61.83	12.43	-49.40	-13.00	-36.40	250	150

1900 Band Idle Mode\_DC 3.5 V

Mode: Idle

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
47.4950	2.92	peak	14.27	17.19	40.00	-22.81	270	100
154.4088	3.48	peak	15.28	18.76	43.50	-24.74	45	100
412.9460	3.75	peak	18.98	22.73	46.00	-23.27	130	100
655.9320	4.12	peak	23.67	27.79	46.00	-18.21	320	100



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

Frequency (MHz)	Reading (dBuV) Peak Ave.		Factor (dB) Corr.	Result @3m (dBuV/m) Peak Ave.		Limit @3m (dBuV/m) Peak Ave.		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
1294.5890	44.23	---	-8.17	36.06	---	74.00	54.00	-37.94	310	100
1561.1220	44.23	---	-7.68	36.55	---	74.00	54.00	-37.45	175	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)		Limit (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
39.7194	2.54	peak	14.02	16.56		40.00		-23.44	340	100
140.8015	3.92	peak	15.06	18.98		43.50		-24.52	165	100
387.6754	3.44	peak	18.23	21.67		46.00		-24.33	110	100
622.8857	3.72	peak	23.37	27.09		46.00		-18.91	90	100

Frequency (MHz)	Reading (dBuV) Peak Ave.		Factor (dB) Corr.	Result @3m (dBuV/m) Peak Ave.		Limit @3m (dBuV/m) Peak Ave.		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
1028.0560	42.58	---	-6.79	35.79	---	74.00	54.00	-38.21	140	100
1561.1220	44.58	---	-7.68	36.90	---	74.00	54.00	-37.10	275	100

1900 Band Idle Mode\_DC 4.07 V

Mode: Idle

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)		Limit (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
47.4950	2.74	peak	14.27	17.01		40.00		-22.99	210	100
162.1844	3.49	peak	15.17	18.66		43.50		-24.84	270	100
519.8597	4.07	peak	21.05	25.12		46.00		-20.88	160	100
624.8297	4.37	peak	23.38	27.75		46.00		-18.25	115	100

Frequency (MHz)	Reading (dBuV) Peak Ave.		Factor (dB) Corr.	Result @3m (dBuV/m) Peak Ave.		Limit @3m (dBuV/m) Peak Ave.		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
1561.1220	42.78	---	-7.68	35.10	---	74.00	54.00	-38.90	175	100
3132.2650	41.83	---	-1.92	39.91	---	74.00	54.00	-34.09	130	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)		Limit (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
43.6072	2.39	peak	14.23	16.62		40.00		-23.38	220	100
162.1844	3.92	peak	15.17	19.09		43.50		-24.41	160	100
514.0281	3.76	peak	20.93	24.69		46.00		-21.31	240	100
743.4068	5.03	peak	24.82	29.85		46.00		-16.15	190	100



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

Frequency (MHz)	Reading (dBuV) Peak Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak Ave.	Limit @3m (dBuV/m) Peak Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)			
1294.5890	42.45	---	-8.17	34.28	---	74.00	54.00	-39.72	250	100
1561.1220	43.08	---	-7.68	35.40	---	74.00	54.00	-38.60	140	100

## WCDMA BAND II CH9262\_DC 3.5 V

Mode: WCDMA BAND II CH9262

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
170.3607	-87.54	24.82	-62.72	-13.00	-49.72	130	150
652.1042	-87.42	35.04	-52.38	-13.00	-39.38	200	150
5899.8000	-67.81	13.16	-54.65	-13.00	-41.65	210	150
7262.5250	-64.83	13.00	-51.83	-13.00	-38.83	280	150
8399.8000	-80.50	32.47	-48.03	-13.00	-35.03	200	150
11503.0060	-81.48	37.18	-44.30	-13.00	-31.30	170	150

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
166.6132	-87.00	25.30	-61.70	-13.00	-48.70	200	150
701.8036	-87.44	34.26	-53.18	-13.00	-40.18	200	150
5458.9180	-67.26	12.91	-54.35	-13.00	-41.35	200	150
6909.8200	-65.90	14.26	-51.64	-13.00	-38.64	140	150
9085.1700	-80.89	32.62	-48.27	-13.00	-35.27	200	150
11626.7540	-81.32	35.25	-46.07	-13.00	-33.07	170	150

## WCDMA BAND II CH9262\_DC 4.07 V

Mode: WCDMA BAND II CH9262

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
83.4870	-88.55	23.77	-64.78	-13.00	-51.78	130	150
653.7075	-87.42	35.02	-52.40	-13.00	-39.40	140	150
4793.5870	-67.37	11.90	-55.47	-13.00	-42.47	200	150
7158.3170	-64.73	13.16	-51.57	-13.00	-38.57	190	150
10294.0880	-80.25	34.76	-45.49	-13.00	-32.49	250	150
11236.4730	-80.86	36.57	-44.29	-13.00	-31.29	170	150



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-86.92	24.31	-62.61	-13.00	-49.61	130	150
918.2365	-86.52	34.43	-52.09	-13.00	-39.09	300	150
4761.5230	-66.02	11.31	-54.71	-13.00	-41.71	210	150
6941.8840	-65.67	14.04	-51.63	-13.00	-38.63	100	150
9599.1990	-81.59	34.42	-47.17	-13.00	-34.17	170	150
12264.5290	-80.96	36.01	-44.95	-13.00	-31.95	230	150

WCDMA BAND II CH9400\_DC 3.5 V

Mode: WCDMA BAND II CH9400

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
139.3587	-87.30	23.18	-64.12	-13.00	-51.12	100	150
648.8978	-87.30	34.97	-52.33	-13.00	-39.33	200	150
5771.5430	-67.04	12.15	-54.89	-13.00	-41.89	130	150
7262.5250	-64.22	13.00	-51.22	-13.00	-38.22	210	150
10598.6970	-80.83	36.24	-44.59	-13.00	-31.59	190	150
11474.4490	-81.16	37.04	-44.12	-13.00	-31.12	200	150

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
166.6132	-87.00	25.30	-61.70	-13.00	-48.70	200	150
956.7134	-85.83	34.52	-51.31	-13.00	-38.31	210	150
5410.8220	-67.95	13.10	-54.85	-13.00	-41.85	210	150
6877.7560	-66.28	14.24	-52.04	-13.00	-39.04	240	150
10256.0120	-79.87	34.16	-45.71	-13.00	-32.71	200	150
10674.8500	-80.48	34.87	-45.61	-13.00	-32.61	240	150

WCDMA BAND II CH9400\_DC 4.07 V

Mode: WCDMA BAND II CH9400

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
175.8116	-88.02	24.94	-63.08	-13.00	-50.08	100	150
902.2044	-86.49	36.45	-50.04	-13.00	-37.04	200	150
4825.6510	-67.27	11.81	-55.46	-13.00	-42.46	210	150
7390.7820	-64.42	12.92	-51.50	-13.00	-38.50	100	150
10084.6690	-82.22	35.10	-47.12	-13.00	-34.12	210	150
11493.4870	-81.39	37.18	-44.21	-13.00	-31.21	170	150



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
178.5370	-87.76	25.40	-62.36	-13.00	-49.36	200	150
886.1724	-86.93	34.61	-52.32	-13.00	-39.32	100	150
6132.2650	-67.89	13.63	-54.26	-13.00	-41.26	200	150
7014.0280	-65.59	13.51	-52.08	-13.00	-39.08	170	150
10256.0120	-80.29	34.16	-46.13	-13.00	-33.13	200	150
11607.7160	-80.68	35.49	-45.19	-13.00	-32.19	170	150

WCDMA BAND II CH9538\_DC 3.5 V

Mode: WCDMA BAND II CH9538

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
151.9640	-87.67	24.04	-63.63	-13.00	-50.63	100	150
652.1043	-87.83	35.04	-52.79	-13.00	-39.79	200	150
5410.8220	-68.02	12.73	-55.29	-13.00	-42.29	130	150
7182.3650	-64.65	13.23	-51.42	-13.00	-38.42	270	150
10122.7460	-82.18	35.07	-47.11	-13.00	-34.11	100	150
11493.4870	-81.78	37.18	-44.60	-13.00	-31.60	240	150

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
166.6132	-87.00	25.30	-61.70	-13.00	-48.70	200	150
926.2525	-85.14	34.41	-50.73	-13.00	-37.73	300	150
4889.7800	-66.58	11.91	-54.67	-13.00	-41.67	130	150
6909.8200	-66.64	14.26	-52.38	-13.00	-39.38	280	150
9608.7180	-81.28	34.29	-46.99	-13.00	-33.99	180	150
12454.9100	-80.53	37.28	-43.25	-13.00	-30.25	100	150

WCDMA BAND II CH9538\_DC 4.07 V

Mode: WCDMA BAND II CH9538

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.6353	-88.20	24.76	-63.44	-13.00	-50.44	100	150
895.7916	-86.42	36.38	-50.04	-13.00	-37.04	200	150
4793.5870	-66.86	11.90	-54.96	-13.00	-41.96	240	150
7366.7340	-64.29	12.89	-51.40	-13.00	-38.40	160	150
10303.6070	-79.75	34.76	-44.99	-13.00	-31.99	100	150
11464.9300	-81.23	36.97	-44.26	-13.00	-31.26	240	150



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-86.92	24.31	-62.61	-13.00	-49.61	120	150
902.2044	-86.38	34.48	-51.90	-13.00	-38.90	200	150
4793.5870	-66.51	11.87	-54.64	-13.00	-41.64	200	150
7166.3330	-64.15	12.22	-51.93	-13.00	-38.93	170	150
9808.6170	-80.79	33.52	-47.27	-13.00	-34.27	200	150
12426.3530	-80.59	37.11	-43.48	-13.00	-30.48	190	150

WCDMA BAND II IDLE\_ DC 3.5 V

Mode: WCDMA BAND II IDLE

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
43.6072	2.09	peak	14.23	16.32	40.00	-23.68	155	100
150.5210	3.19	peak	15.29	18.48	43.50	-25.02	120	100
342.9660	3.70	peak	16.93	20.63	46.00	-25.37	340	100
479.0381	3.98	peak	20.36	24.34	46.00	-21.66	260	100

Frequency (MHz)	Reading (dBuV) Peak Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak Ave.	Limit @3m (dBuV/m) Peak Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)			
1210.4210	42.65	---	-8.48	34.17	---	74.00	54.00	-39.83	90	100
1645.2910	42.38	---	-6.86	35.52	---	74.00	54.00	-38.48	150	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
41.6633	2.82	peak	14.13	16.95	40.00	-23.05	245	100
166.0721	3.94	peak	15.02	18.96	43.50	-24.54	160	100
346.8536	3.40	peak	17.01	20.41	46.00	-25.59	230	100
515.9720	4.49	peak	20.97	25.46	46.00	-20.54	110	100

Frequency (MHz)	Reading (dBuV) Peak Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak Ave.	Limit @3m (dBuV/m) Peak Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)			
1294.5890	42.26	---	-8.17	34.09	---	74.00	54.00	-39.91	160	100
1575.1500	43.36	---	-7.59	35.77	---	74.00	54.00	-38.23	345	100



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

## WCDMA BAND II IDLE\_DC 4.07 V

Mode: WCDMA BAND II IDLE

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
49.4388	2.35	peak	14.25	16.60	40.00	-23.40	315	100
162.1844	4.04	peak	15.17	19.21	43.50	-24.29	140	100
331.3026	4.01	peak	16.68	20.69	46.00	-25.31	170	100
601.5030	4.15	peak	23.19	27.34	46.00	-18.66	230	100

Frequency (MHz)	Reading (dBuV) Peak Ave.	Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)	
			Peak	Ave.	Peak	Ave.				
1294.5890	41.79	---	-8.17	33.62	---	74.00	54.00	-40.38	120	100
1561.1220	42.94	---	-7.68	35.26	---	74.00	54.00	-38.74	310	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
41.6633	2.45	peak	14.13	16.58	40.00	-23.42	150	100
144.6894	3.78	peak	15.16	18.94	43.50	-24.56	90	100
502.3647	4.46	peak	20.69	25.15	46.00	-20.85	130	100
593.7275	3.91	peak	22.91	26.82	46.00	-19.18	340	100

Frequency (MHz)	Reading (dBuV) Peak Ave.	Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)	
			Peak	Ave.	Peak	Ave.				
1561.1220	42.99	---	-7.68	35.31	---	74.00	54.00	-38.69	220	100
2697.3950	42.61	---	-3.08	39.53	---	74.00	54.00	-34.47	165	100

## WCDMA BAND V CH4132\_DC 3.5 V

Mode: WCDMA BAND V CH4132

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
175.4710	-87.16	24.93	-62.23	-13.00	-49.23	200	150
886.1724	-86.77	36.09	-50.68	-13.00	-37.68	200	150
1649.2990	-39.32	3.00	-36.32	-13.00	-23.32	180	150
2484.9700	-44.33	6.52	-37.81	-13.00	-24.81	240	150
3308.6170	-60.37	9.66	-50.71	-13.00	-37.71	190	150
7054.1080	-64.30	13.08	-51.22	-13.00	-38.22	200	150



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-87.35	24.31	-63.04	-13.00	-50.04	200	150
429.2586	-80.02	27.71	-52.31	-13.00	-39.31	200	150
1655.3110	-47.22	1.48	-45.74	-13.00	-32.74	190	150
2484.9700	-42.33	6.37	-35.96	-13.00	-22.96	210	150
3446.8940	-61.53	10.19	-51.34	-13.00	-38.34	100	150
5523.0460	-67.11	12.67	-54.44	-13.00	-41.44	100	150

WCDMA BAND V CH4132\_DC 4.07 V

Mode: WCDMA BAND V CH4132

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
181.2625	-87.86	24.91	-62.95	-13.00	-49.95	100	150
911.8237	-86.45	36.18	-50.27	-13.00	-37.27	200	150
1655.3110	-41.01	3.02	-37.99	-13.00	-24.99	190	150
2484.9700	-44.13	6.52	-37.61	-13.00	-24.61	240	150
3308.6170	-60.85	9.66	-51.19	-13.00	-38.19	100	150
5907.8160	-67.48	13.13	-54.35	-13.00	-41.35	180	150

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-85.77	24.31	-61.46	-13.00	-48.46	240	150
923.0461	-85.37	34.42	-50.95	-13.00	-37.95	130	150
1655.3110	-46.97	1.48	-45.49	-13.00	-32.49	100	150
2484.9700	-42.49	6.37	-36.12	-13.00	-23.12	240	150
3188.3770	-60.21	10.25	-49.96	-13.00	-36.96	290	150
7006.0120	-64.80	13.58	-51.22	-13.00	-38.22	100	150
10789.078	-80.08	34.70	-45.38	-13.00	-32.38	100	150

WCDMA BAND V CH4183\_DC 3.5 V

Mode: WCDMA BAND V CH4183

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
163.5471	-88.33	24.67	-63.66	-13.00	-50.66	200	150
650.5010	-87.51	35.05	-52.46	-13.00	-39.46	200	150
1673.3470	-44.07	3.08	-40.99	-13.00	-27.99	170	150
2509.0180	-49.83	6.75	-43.08	-13.00	-30.08	240	150
3350.7010	-60.63	9.75	-50.88	-13.00	-37.88	190	150
5875.7520	-66.66	12.94	-53.72	-13.00	-40.72	190	150



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
44.9901	-85.42	23.12	-62.30	-13.00	-49.30	200	150
809.2185	-86.63	34.66	-51.97	-13.00	-38.97	200	150
1667.3350	-50.88	1.86	-49.02	-13.00	-36.02	190	150
2509.0180	-47.31	6.51	-40.80	-13.00	-27.80	240	150
3501.0020	-61.51	10.54	-50.97	-13.00	-37.97	100	150
7014.0280	-64.90	13.51	-51.39	-13.00	-38.39	180	150

WCDMA BAND V CH4183\_DC 4.07 V

Mode: WCDMA BAND V CH4183

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
179.8998	-86.99	25.03	-61.96	-13.00	-48.96	200	150
664.9300	-86.25	34.91	-51.34	-13.00	-38.34	200	150
1667.3350	-44.59	3.06	-41.53	-13.00	-28.53	210	150
2509.0180	-50.09	6.75	-43.34	-13.00	-30.34	100	150
3549.0980	-61.82	10.12	-51.70	-13.00	-38.70	200	150
6276.5530	-66.83	13.43	-53.40	-13.00	-40.40	100	150

Polarization: Vertical

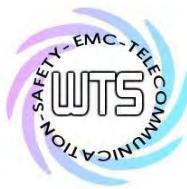
Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-85.77	24.31	-61.46	-13.00	-48.46	170	150
823.6473	-86.60	34.75	-51.85	-13.00	-38.85	160	150
1673.3470	-50.72	2.05	-48.67	-13.00	-35.67	190	150
2509.0180	-46.98	6.51	-40.47	-13.00	-27.47	240	150
3440.8820	-61.21	10.15	-51.06	-13.00	-38.06	100	150
7022.0440	-65.20	13.43	-51.77	-13.00	-38.77	100	150

WCDMA BAND V CH4233\_DC 3.5 V

Mode: WCDMA BAND V CH4233

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
173.0862	-87.39	24.88	-62.51	-13.00	-49.51	100	150
887.7756	-85.37	36.14	-49.23	-13.00	-36.23	200	150
1691.3830	-45.48	3.14	-42.34	-13.00	-29.34	150	150
2545.0900	-52.19	7.24	-44.95	-13.00	-31.95	210	150
3663.3270	-61.55	10.85	-50.70	-13.00	-37.70	100	150
6909.8200	-65.15	13.79	-51.36	-13.00	-38.36	170	150



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-86.48	24.31	-62.17	-13.00	-49.17	100	150
799.5992	-86.83	34.60	-52.23	-13.00	-39.23	140	150
1691.3830	-51.20	2.63	-48.57	-13.00	-35.57	180	150
2545.0900	-48.24	7.25	-40.99	-13.00	-27.99	210	150
3525.0500	-61.47	10.34	-51.13	-13.00	-38.13	160	150
6893.7880	-65.76	14.31	-51.45	-13.00	-38.45	260	150

WCDMA BAND V CH4233\_DC 4.07 V

Mode: WCDMA BAND V CH4233

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
177.5150	-87.95	24.98	-62.97	-13.00	-49.97	30	150
887.7756	-86.22	36.14	-50.08	-13.00	-37.08	200	150
1691.3830	-47.19	3.14	-44.05	-13.00	-31.05	120	150
2545.0900	-52.31	7.24	-45.07	-13.00	-32.07	290	150
3392.7860	-61.33	9.83	-51.50	-13.00	-38.50	170	150
6597.1940	-66.17	13.60	-52.57	-13.00	-39.57	190	150

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
97.7957	-86.97	24.31	-62.66	-13.00	-49.66	140	150
817.2345	-86.85	34.71	-52.14	-13.00	-39.14	200	150
1691.3830	-50.74	2.63	-48.11	-13.00	-35.11	130	150
2545.0900	-48.73	7.25	-41.48	-13.00	-28.48	160	150
3464.9300	-61.58	10.31	-51.27	-13.00	-38.27	200	150
6997.9960	-65.39	13.65	-51.74	-13.00	-38.74	160	150

WCDMA BAND V IDLE\_DC 3.5 V

Mode: WCDMA BAND V IDLE

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
59.1583	3.66	peak	13.13	16.79	40.00	-23.21	175	100
160.2405	3.42	peak	15.24	18.66	43.50	-24.84	130	100
399.3387	2.93	peak	18.57	21.50	46.00	-24.50	250	100
560.6814	4.33	peak	21.77	26.10	46.00	-19.90	210	100



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Frequency (MHz)	Reading (dBuV) Peak Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak Ave.	Limit @3m (dBuV/m) Peak Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)			
1294.5890	43.76	---	-8.17	35.59	---	74.00	54.00	-38.41	275	100
1561.1220	43.98	---	-7.68	36.30	---	74.00	54.00	-37.70	160	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
49.4388	2.93	peak	14.25	17.18	40.00	-22.82	155	100
160.2405	4.71	peak	15.24	19.95	43.50	-23.55	130	100
451.8236	3.80	peak	20.07	23.87	46.00	-22.13	270	100
650.1002	4.39	peak	23.60	27.99	46.00	-18.01	230	100

Frequency (MHz)	Reading (dBuV) Peak Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak Ave.	Limit @3m (dBuV/m) Peak Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)			
1280.5610	43.67	---	-8.22	35.45	---	74.00	54.00	-38.55	340	100
1561.1220	44.07	---	-7.68	36.39	---	74.00	54.00	-37.61	170	100

WCDMA BAND V IDLE\_ DC 4.07 V

Mode: WCDMA BAND V IDLE

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
51.3828	3.14	peak	14.08	17.22	40.00	-22.78	275	100
164.1283	3.89	peak	15.10	18.99	43.50	-24.51	160	100
459.5992	4.00	peak	20.12	24.12	46.00	-21.88	230	100
704.5291	4.74	peak	24.32	29.06	46.00	-16.94	110	100

Frequency (MHz)	Reading (dBuV) Peak Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak Ave.	Limit @3m (dBuV/m) Peak Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)			
1294.5890	42.89	---	-8.17	34.72	---	74.00	54.00	-39.28	140	100
1561.1220	44.19	---	-7.68	36.51	---	74.00	54.00	-37.49	160	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
51.3828	3.11	peak	14.08	17.19	40.00	-22.81	345	100
146.6333	4.24	peak	15.21	19.45	43.50	-24.05	180	100
356.5731	4.19	peak	17.27	21.46	46.00	-24.54	140	100
570.4008	4.84	peak	22.05	26.89	46.00	-19.11	120	100



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Frequency (MHz)	Reading Peak Ave.	Factor Corr.	Result @3m Peak Ave.	Limit @3m Peak Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)			
1028.0560	42.71	---	-6.79	35.92	---	74.00	54.00	-38.08	150	100
1561.1220	43.80	---	-7.68	36.12	---	74.00	54.00	-37.88	310	100

Note: Please refer to appendix for plot data.

### **7.3 Explanation of test result**

Result Level = Reading Level + Corrected Factor

Corrected Factor = SG level – Received level-Cable loss + substitution antenna gain

### **7.4 Calculation of Limit for Field Strength of Spurious**

Compliance with § 24.238(a) requires that any emission be attenuated below the transmitter power at least  $43 + 10 \log P$  ( P = transmitter power in Watts ).

Limit for Spurious Emissions at Antenna Terminals:  $L=P-A=-13\text{dBm}$

Test equipment: ETSTW-RE 004, ETSTW-RE 018, ETSTW-RE 030, ETSTW-RE 111,  
ETSTW-GSM 02



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

## 7.5 Test result of band edge emissions

### 850 band

Model: MPx-xxx Series(x=0~9, A~Z or blank) Date: 2013/5/27  
Mode: 850band Ch128 Temperature: 24°C Engineer: Robert  
Polarization: Horizontal Humidity: 60%

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
823.9954	-57.38	33.89	-23.49	-13.00	-10.49

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
823.9894	-58.49	34.75	-23.74	-13.00	-10.74

Mode: 850band Ch251

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
849.0090	-51.34	34.94	-16.40	-13.00	-3.40

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
849.0030	-53.22	34.91	-18.31	-13.00	-5.31

### 1900 band

Mode: 1900band Ch512

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
1849.9970	-60.54	43.90	-16.64	-13.00	-3.64

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
1849.9990	-57.53	43.86	-13.67	-13.00	-0.67

Mode: 1900band Ch810

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
1910.0050	-59.26	44.07	-15.19	-13.00	-2.19



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
1910.0070	-58.03	43.82	-14.21	-13.00	-1.21

## **Band II**

Mode: WCDMA BAND II CH9262

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
1849.9730	-69.97	43.90	-26.07	-13.00	-13.07

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
1849.9730	-71.40	43.86	-27.54	-13.00	-14.54

Mode: WCDMA BAND II CH9538

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
1910.4950	-76.55	44.08	-32.47	-13.00	-19.47

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
1910.3380	-74.84	43.83	-31.01	-13.00	-18.01

## **Band V**

Mode: WCDMA BAND V CH4132

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
823.9333	-60.01	33.89	-26.12	-13.00	-13.12

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
823.9890	-58.85	34.75	-24.10	-13.00	-11.10



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Mode: WCDMA BAND V CH4233

Polarization: Horizontal

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
849.0080	-58.34	34.94	-23.40	-13.00	-10.40

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)
849.0080	-59.78	34.91	-24.87	-13.00	-11.87

Note: Please refer to appendix for plot data.

Test equipment: ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 111, ETSTW-GSM 02

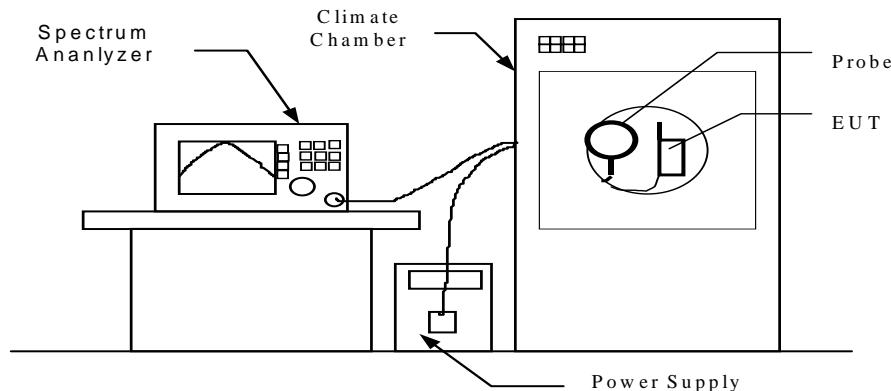
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

## 8. Frequency Stability

### 8.1 Test procedure

- The equipment under test was supplied with rated power supply and the RF output was connected to a frequency counter via feed through attenuators. The EUT was placed inside the temperature chamber. The DC leads and RF output cable, exited the chamber through an opening made for that purpose.  
After the temperature stabilized the frequency output was recorded from the counter.
- An external variable power supply was used to supply nominal voltage and 85% to 115% of nominal voltage to the EUT under room temperature. Record the frequencies measured from the counter.
- End point voltage: For hand carried, battery powered equipment, reduce primary supply voltage to the battery operating end point which shall be specified by the manufacturer. Then record the frequencies measured from the counter.





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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

## 8.2 Test Results

### 8.2.1 Frequency Stability vs. Temperature

CH128 824.2 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	-21.000	-0.025	±2.5
	-20	-26.000	-0.032	
	-10	-30.000	-0.036	
	0	-25.000	-0.030	
	10	21.000	0.025	
	20	27.000	0.033	
	30	25.000	0.030	
	40	29.000	0.035	
	50	-24.000	-0.029	

CH188 836.2 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	-25.000	-0.030	±2.5
	-20	-14.000	-0.017	
	-10	-17.000	-0.020	
	0	23.000	0.028	
	10	24.000	0.029	
	20	19.000	0.023	
	30	22.000	0.026	
	40	24.000	0.029	
	50	30.000	0.036	

CH251 848.8 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	-29.000	-0.034	±2.5
	-20	-27.000	-0.032	
	-10	-24.000	-0.028	
	0	26.000	0.031	
	10	28.000	0.033	
	20	-28.000	-0.033	
	30	-28.000	-0.033	
	40	-27.000	-0.032	
	50	31.000	0.037	



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

CH512 1850.2 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	-48.000	-0.026	$\pm 2.5$
	-20	-51.000	-0.028	
	-10	-48.000	-0.026	
	0	43.000	0.023	
	10	47.000	0.025	
	20	-51.000	-0.028	
	30	48.000	0.026	
	40	43.000	0.023	
	50	-47.000	-0.025	

CH661 1880.0 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	-54.000	-0.029	$\pm 2.5$
	-20	-49.000	-0.026	
	-10	47.000	0.025	
	0	46.000	0.024	
	10	48.000	0.026	
	20	42.000	0.022	
	30	52.000	0.028	
	40	-47.000	-0.025	
	50	49.000	0.026	

CH810 1909.8 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	-59.000	-0.031	$\pm 2.5$
	-20	47.000	0.025	
	-10	56.000	0.029	
	0	58.000	0.030	
	10	52.000	0.027	
	20	54.000	0.028	
	30	-49.000	-0.026	
	40	43.000	0.023	
	50	48.000	0.025	



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

CH9262 1852.4 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	12.000	0.006	$\pm 2.5$
	-20	10.000	0.005	
	-10	-9.000	-0.005	
	0	-8.000	-0.004	
	10	-13.000	-0.007	
	20	-8.000	-0.004	
	30	9.000	0.005	
	40	7.000	0.004	
	50	11.000	0.006	

CH9400 1880.0 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	9.000	0.005	$\pm 2.5$
	-20	8.000	0.004	
	-10	11.000	0.006	
	0	12.000	0.006	
	10	-12.000	-0.006	
	20	-11.000	-0.006	
	30	-8.000	-0.004	
	40	7.000	0.004	
	50	-12.000	-0.006	

CH9538 1907.6 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	10.000	0.005	$\pm 2.5$
	-20	9.000	0.005	
	-10	-8.000	-0.004	
	0	11.000	0.006	
	10	-10.000	-0.005	
	20	9.000	0.005	
	30	11.000	0.006	
	40	-9.000	-0.005	
	50	10.000	0.005	



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

CH4132 826.4 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	14.000	0.017	$\pm 2.5$
	-20	15.000	0.018	
	-10	9.000	0.011	
	0	-11.000	-0.013	
	10	10.000	0.012	
	20	-12.000	-0.015	
	30	8.000	0.010	
	40	-13.000	-0.016	
	50	10.000	0.012	

CH4183 836.6 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	10.000	0.012	$\pm 2.5$
	-20	8.000	0.010	
	-10	-12.000	-0.014	
	0	-8.000	-0.010	
	10	10.000	0.012	
	20	-9.000	-0.011	
	30	-13.000	-0.016	
	40	-10.000	-0.012	
	50	-13.000	-0.016	

CH4233 846.6 MHz

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
DC 3.7 V	-30	8.000	0.009	$\pm 2.5$
	-20	6.000	0.007	
	-10	-8.000	-0.009	
	0	-9.000	-0.011	
	10	10.000	0.012	
	20	-9.000	-0.011	
	30	-8.000	-0.009	
	40	10.000	0.012	
	50	4.000	0.005	



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

## 8.2.2 Frequency Stability vs. Voltage

CH128

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	-23.000	-0.028	±2.5
End Point Voltage DC 3.5 V	25	-27.000	-0.033	±2.5

CH188

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	25.000	0.030	±2.5
End Point Voltage DC 3.5 V	25	24.000	0.029	±2.5

CH251

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	-29.000	-0.034	±2.5
End Point Voltage DC 3.5 V	25	31.000	0.037	±2.5

CH512

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	-52.000	-0.028	±2.5
End Point Voltage DC 3.5 V	25	49.000	0.026	±2.5

CH661

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	42.000	0.022	±2.5
End Point Voltage DC 3.5 V	25	51.000	0.027	±2.5



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

CH810

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	51.000	0.027	±2.5
End Point Voltage DC 3.5 V	25	50.000	0.026	±2.5

CH9262

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	8.000	0.004	±2.5
End Point Voltage DC 3.5 V	25	-8.000	-0.004	±2.5

CH9400

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	-11.000	-0.006	±2.5
End Point Voltage DC 3.5 V	25	-11.000	-0.006	±2.5

CH9538

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	-11.000	-0.006	±2.5
End Point Voltage DC 3.5 V	25	-10.000	-0.005	±2.5

CH4132

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	8.000	0.010	±2.5
End Point Voltage DC 3.5 V	25	-9.000	-0.011	±2.5



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

CH4183

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	11.000	0.013	±2.5
End Point Voltage DC 3.5 V	25	14.000	0.017	±2.5

CH4233

Supplied Voltage	Temperature (°C)	Frequency Drift (kHz)	Frequency Drift (ppm)	Limit (ppm)
End Point Voltage DC 4.07 V	25	5.000	0.006	±2.5
End Point Voltage DC 3.5 V	25	7.000	0.008	±2.5

Test equipment: ETSTW-CE009, ETSTW-RE055, ETSTW-GSM 02



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

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP

## Appendix

### Measurement diagrams

1. RF Power Output
2. Filed Strength of Spurious Emission
3. Band edge emissions



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

Report Number: W6M21302-13019-P-2224

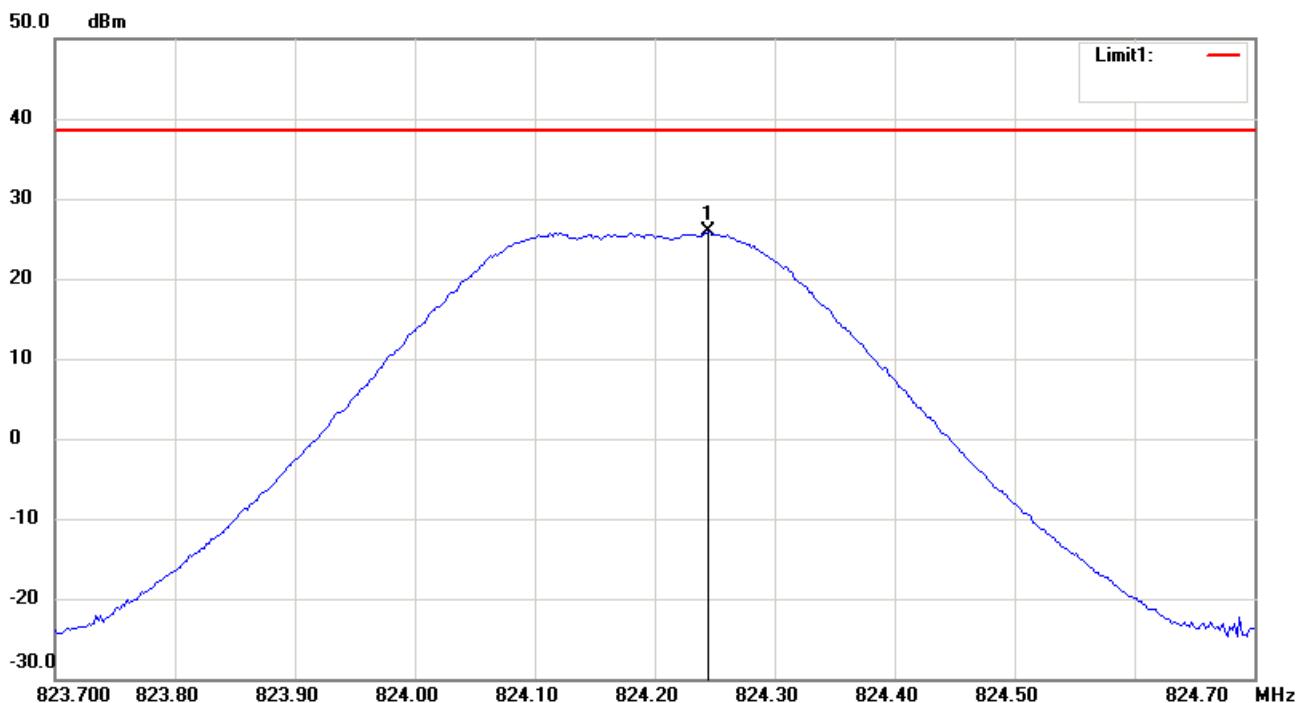
FCC ID: GX9MP

## RF Power Output

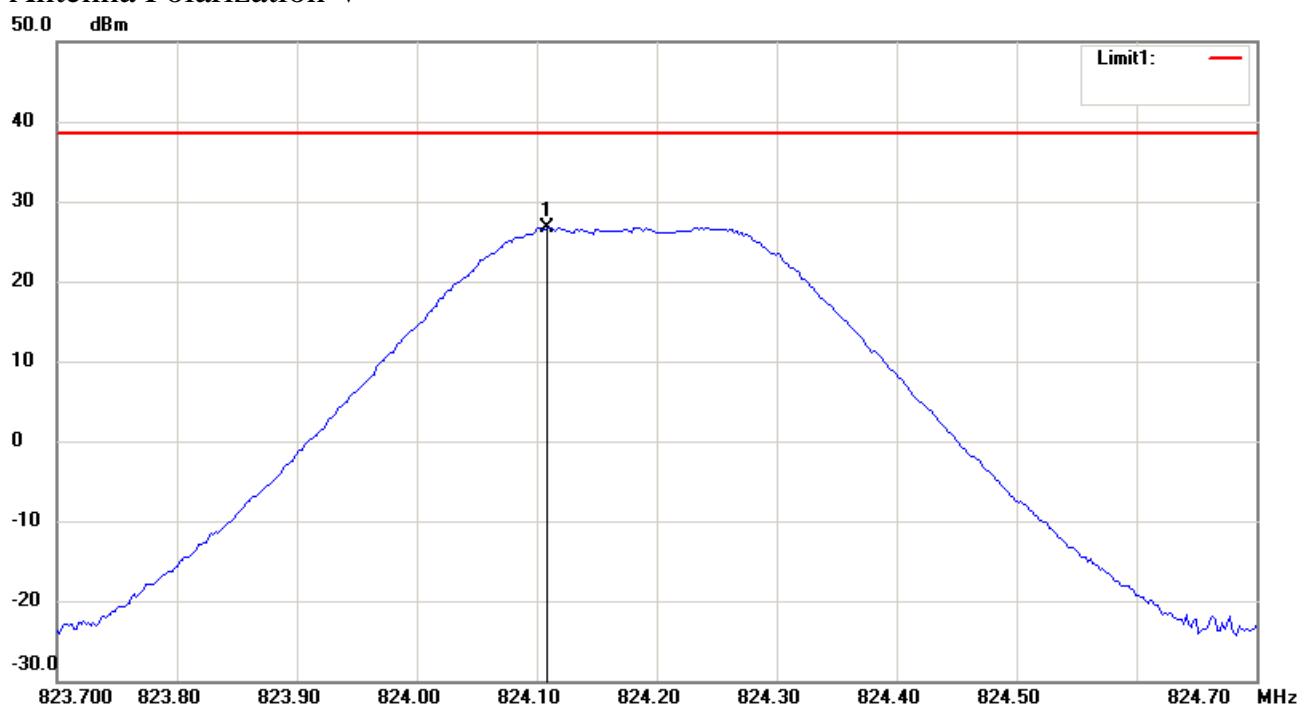
### Radiated Measurement

850 band\_ CH 128\_3.5V

Antenna Polarization H



Antenna Polarization V



#### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



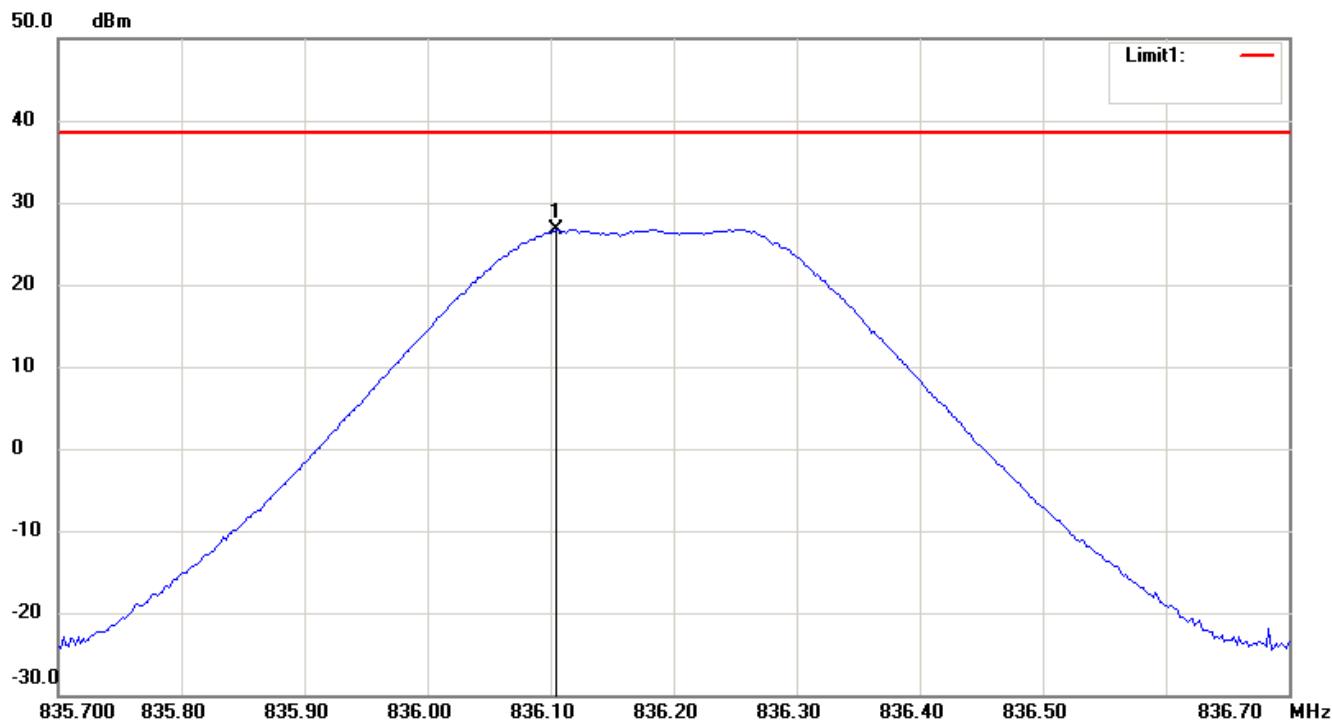
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

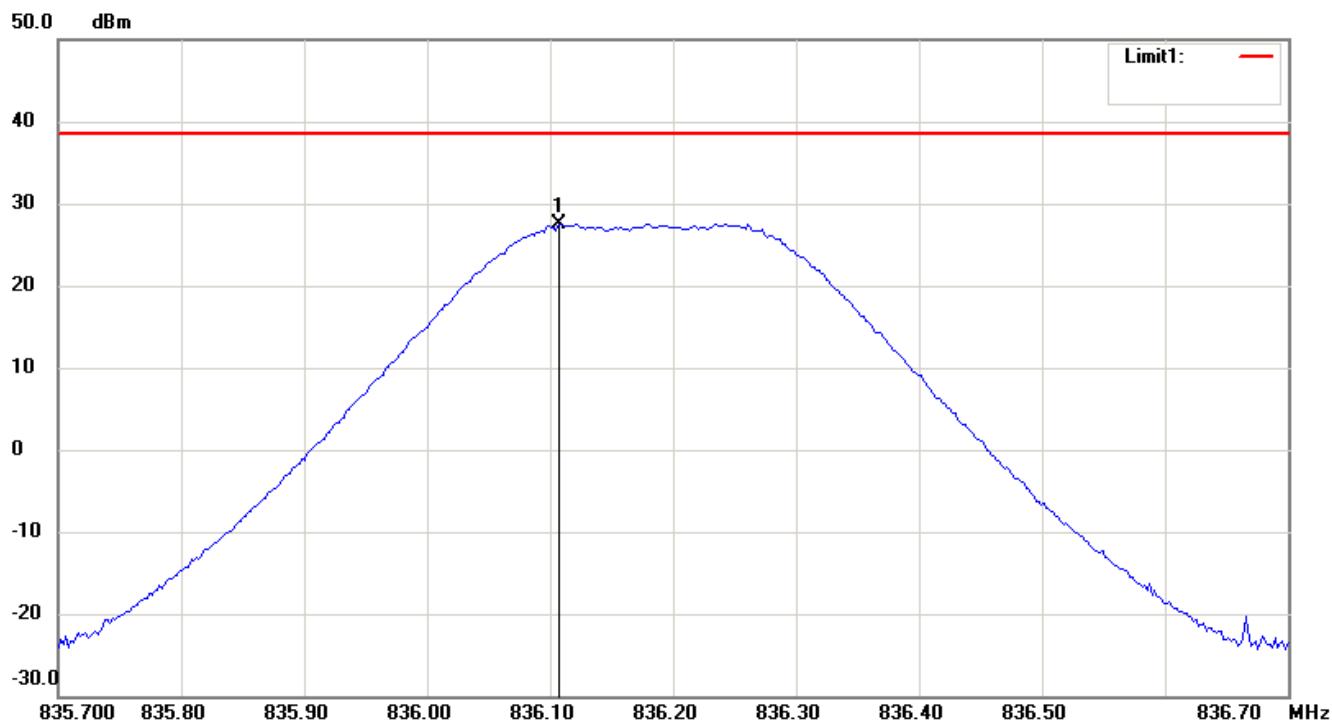
FCC ID: GX9MP

850 band\_ CH 188\_3.5V

Antenna Polarization H

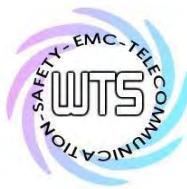


Antenna Polarization V



## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



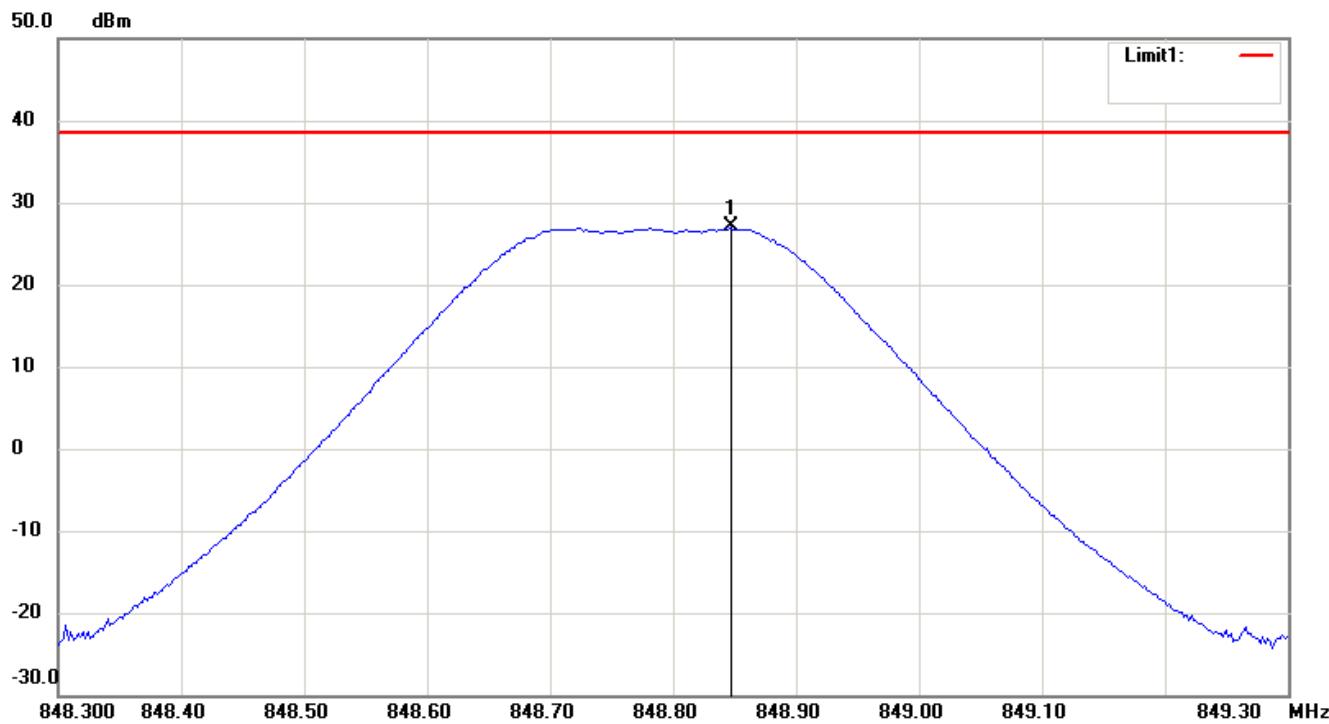
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

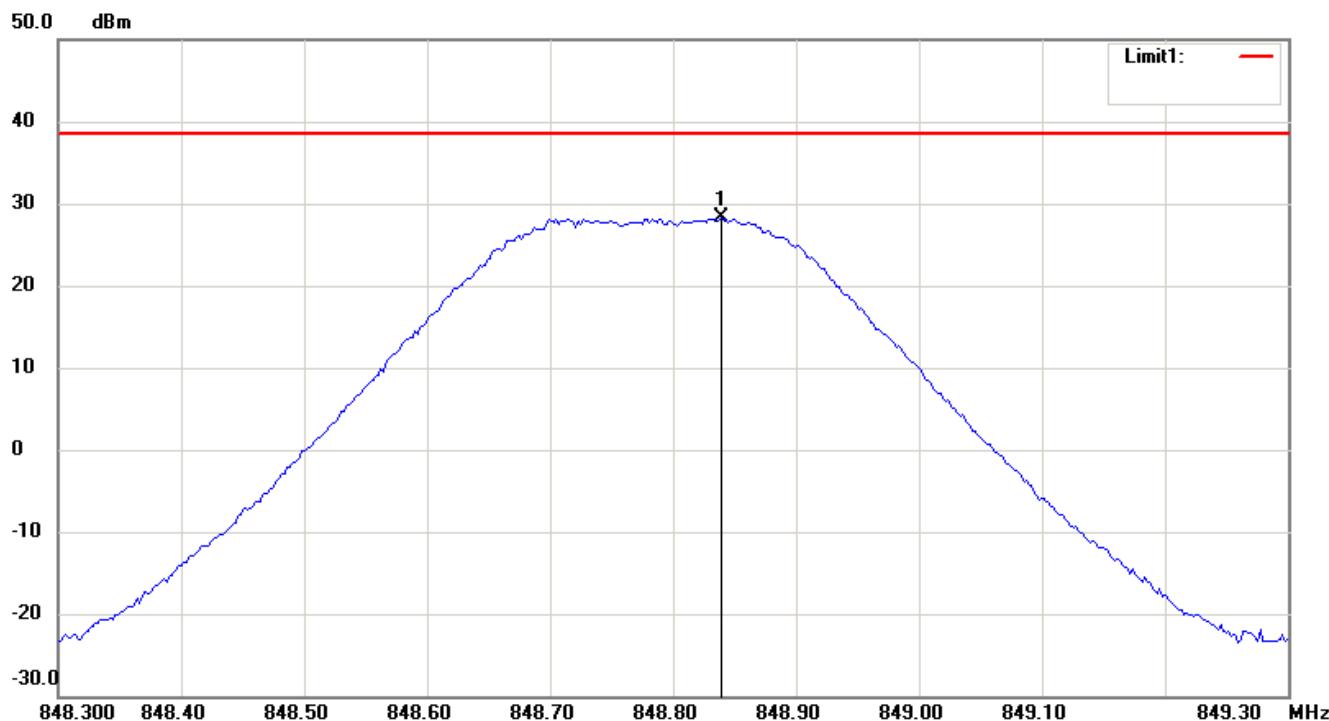
FCC ID: GX9MP

850 band\_ CH 251\_3.5V

Antenna Polarization H



Antenna Polarization V



**Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



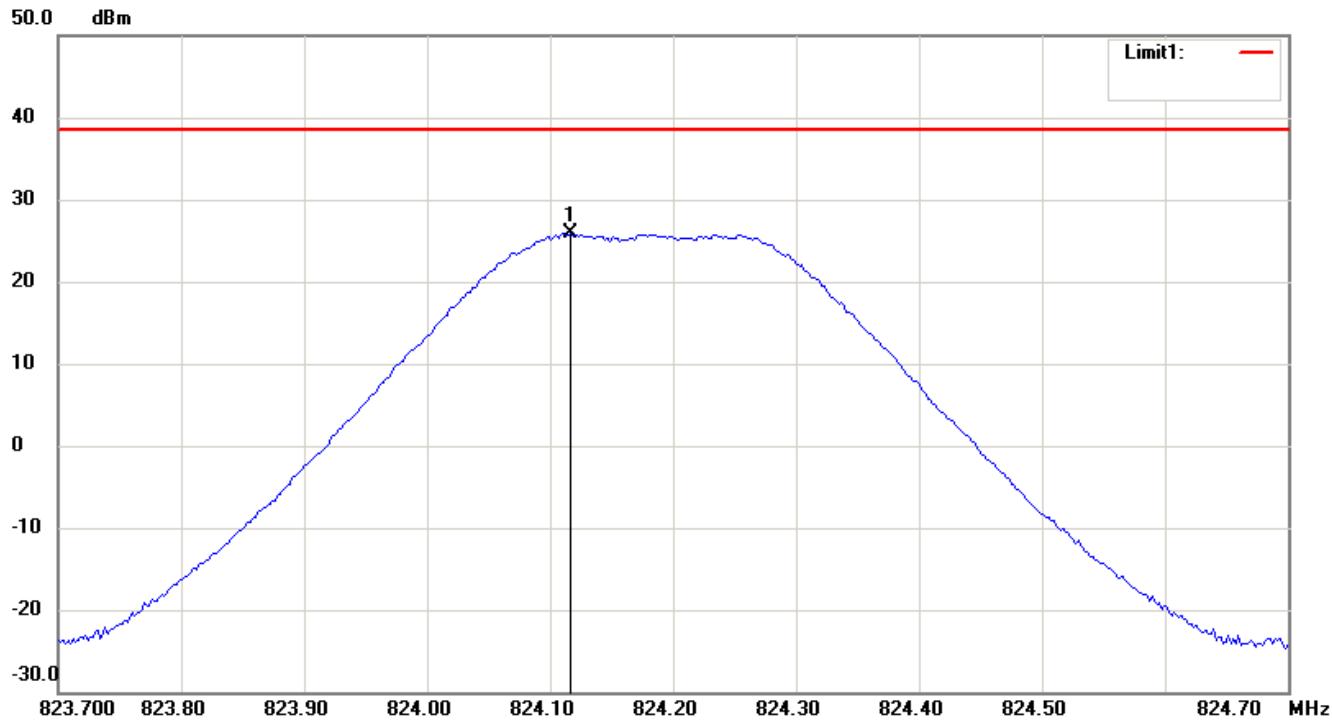
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

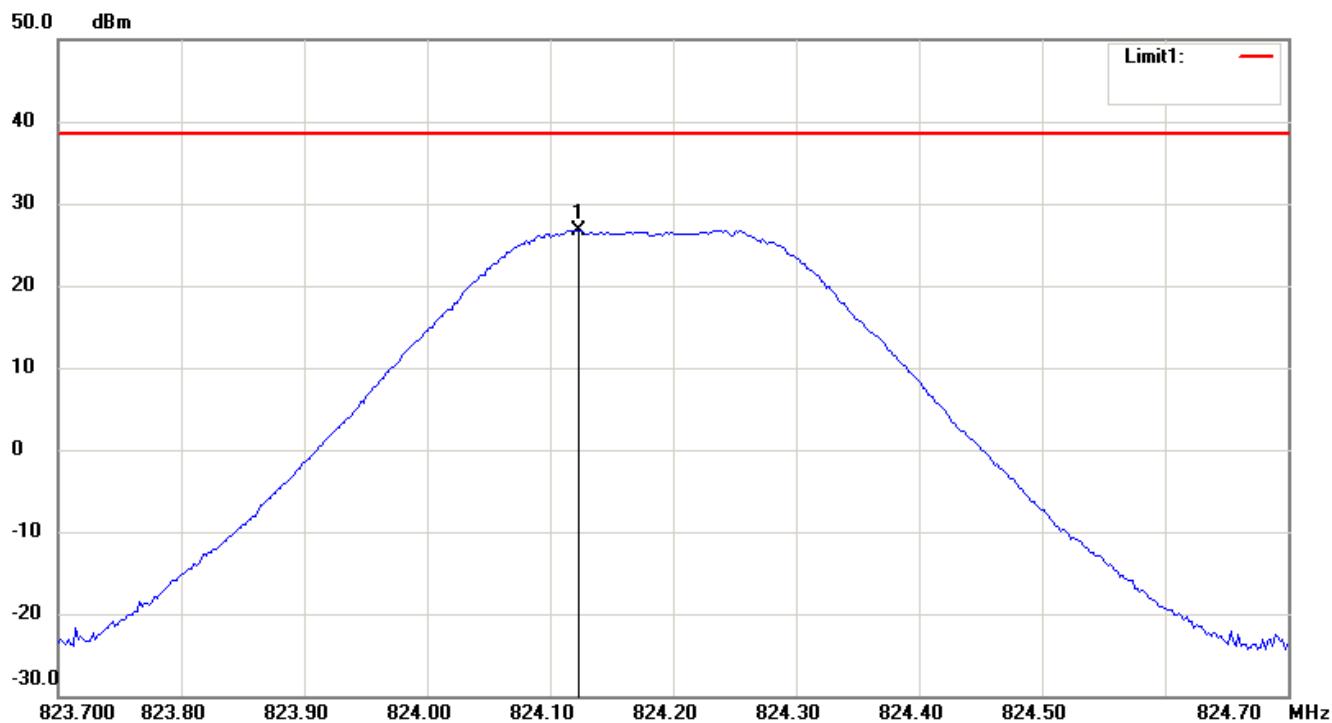
FCC ID: GX9MP

850 band\_ CH 128\_4.07V

Antenna Polarization H

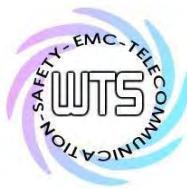


Antenna Polarization V



**Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



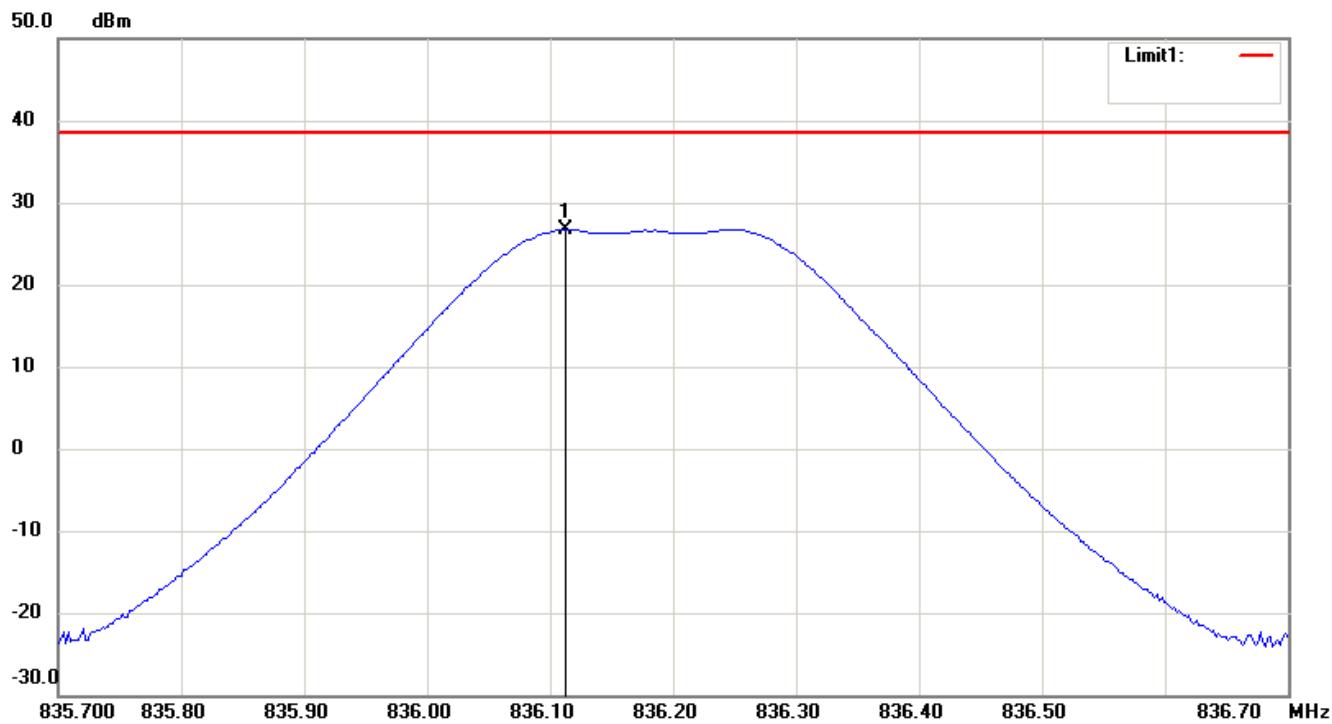
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

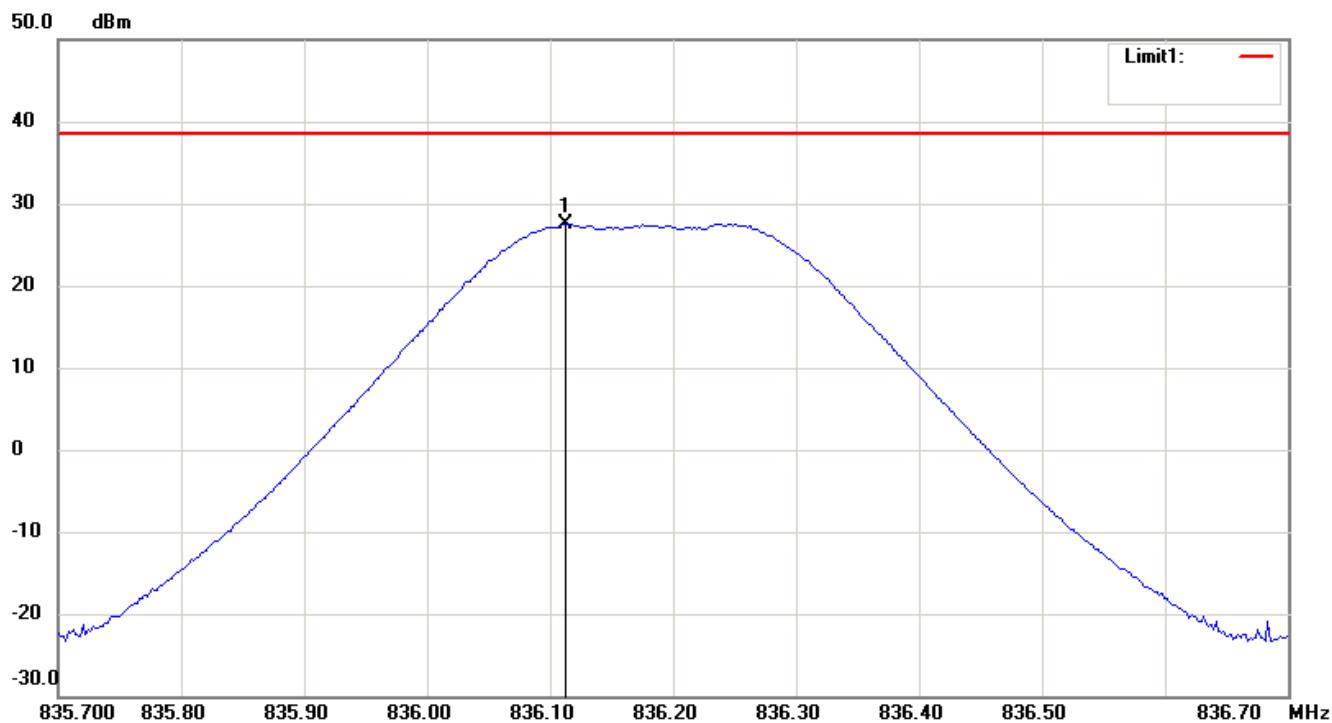
FCC ID: GX9MP

850 band\_ CH 188\_4.07V

Antenna Polarization H



Antenna Polarization V



**Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



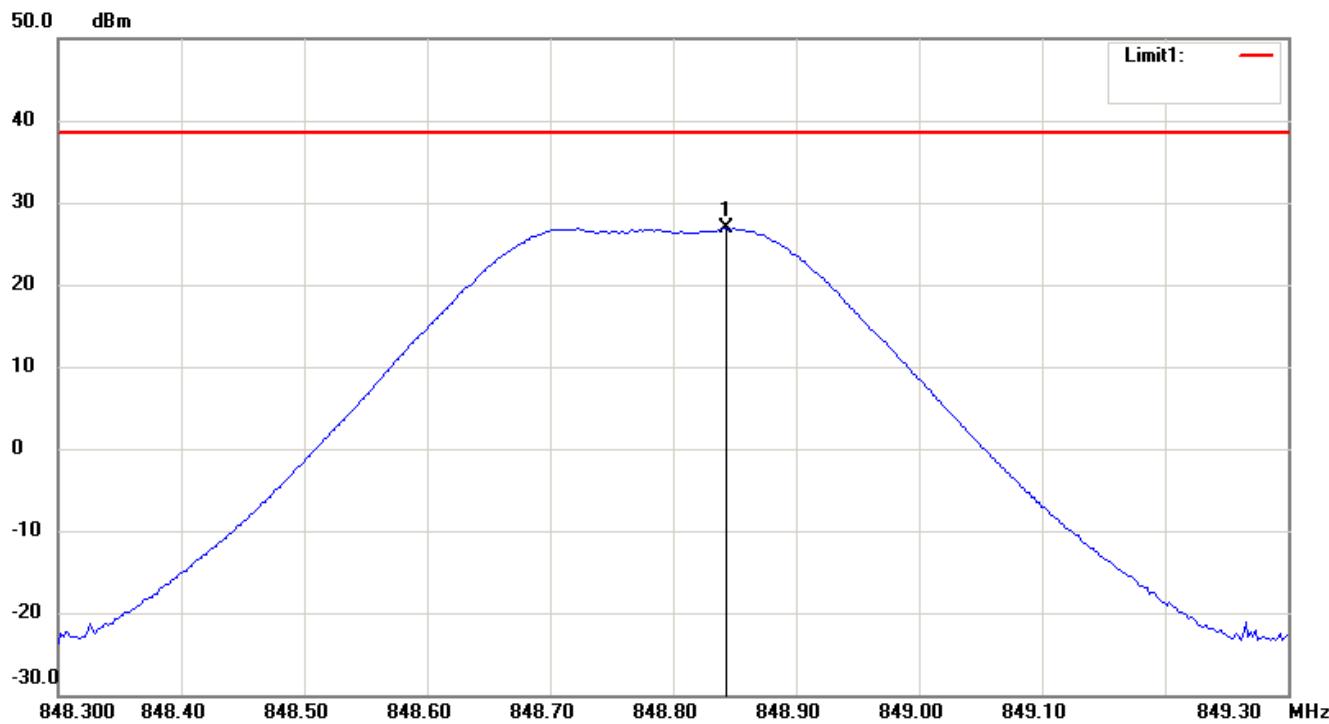
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

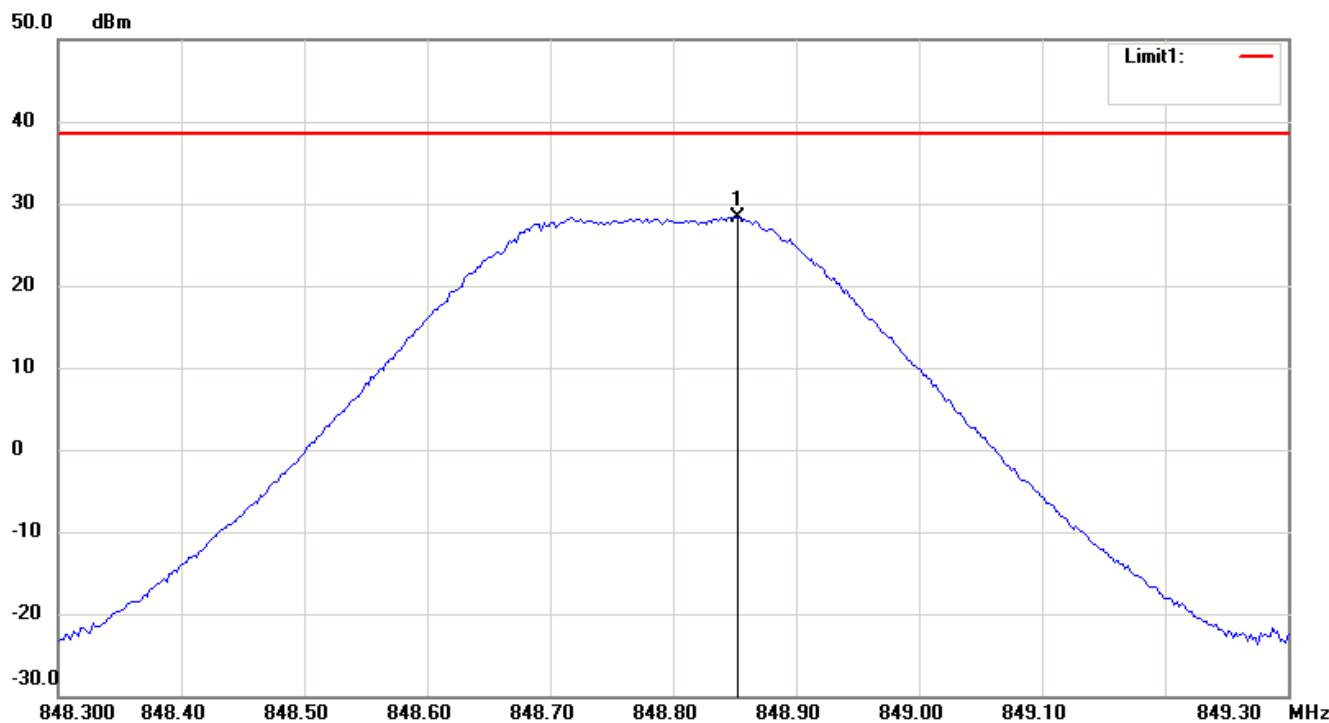
FCC ID: GX9MP

850 band\_ CH 251\_4.07V

Antenna Polarization H



Antenna Polarization V



**Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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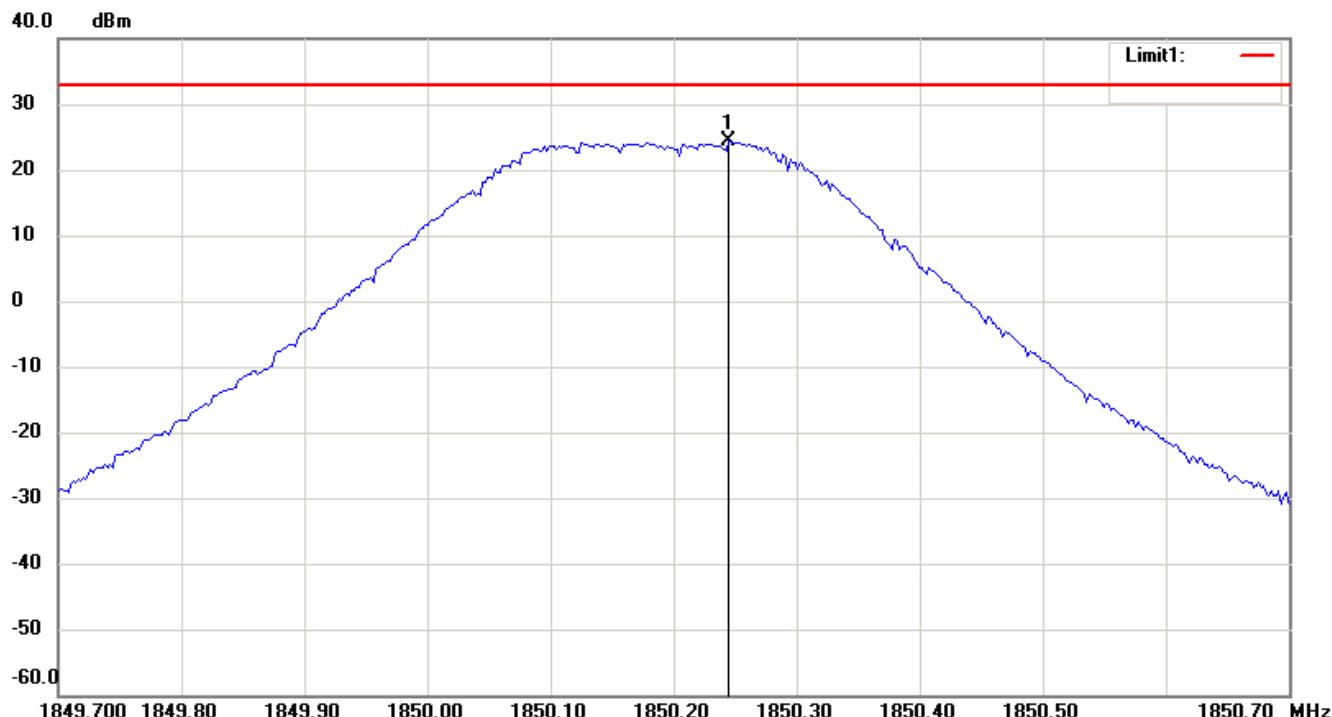
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

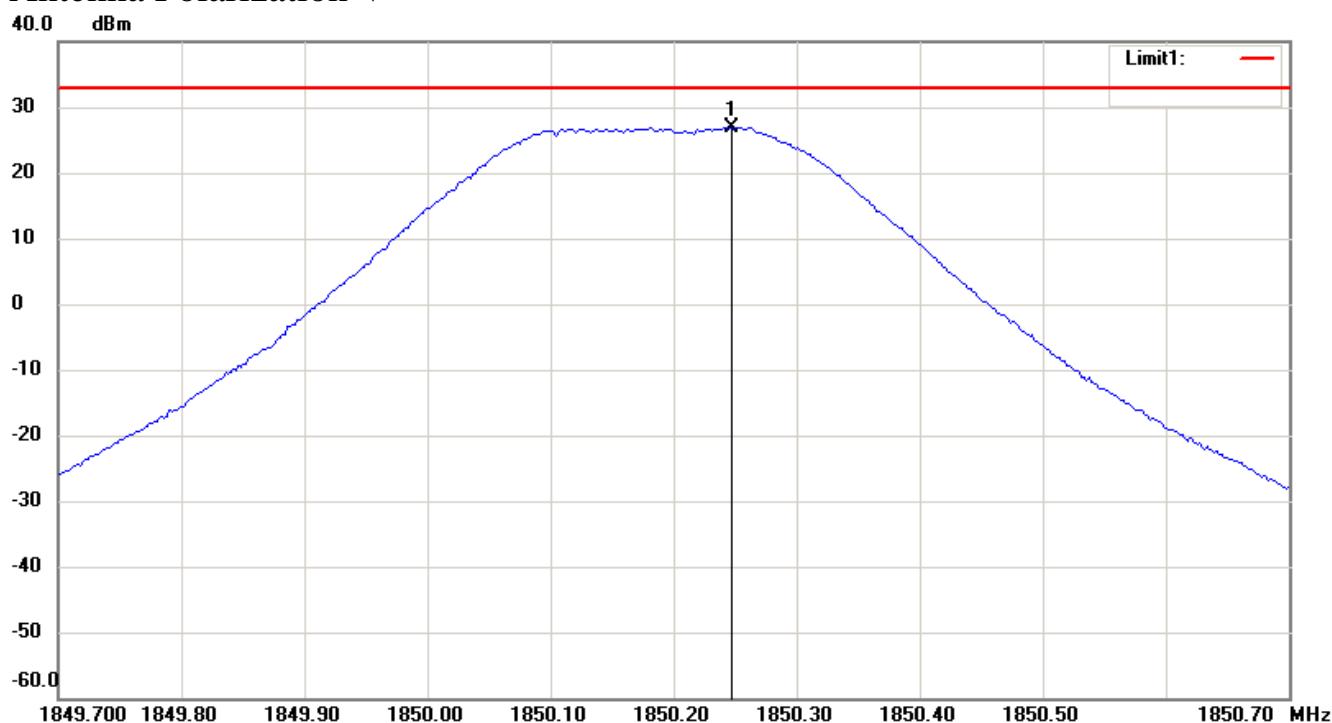
FCC ID: GX9MP

1900 band\_CH 512\_3.5V

Antenna Polarization H

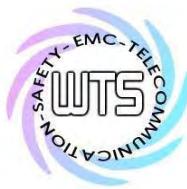


Antenna Polarization V



**Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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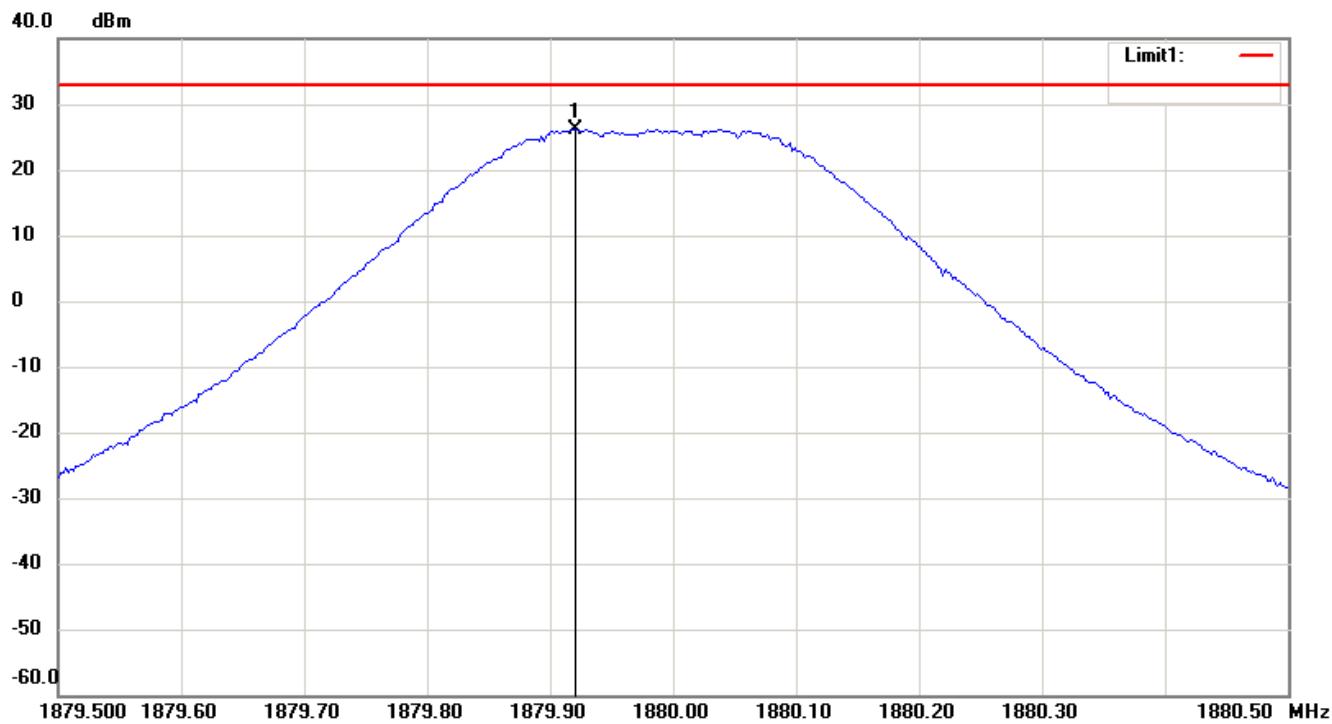
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

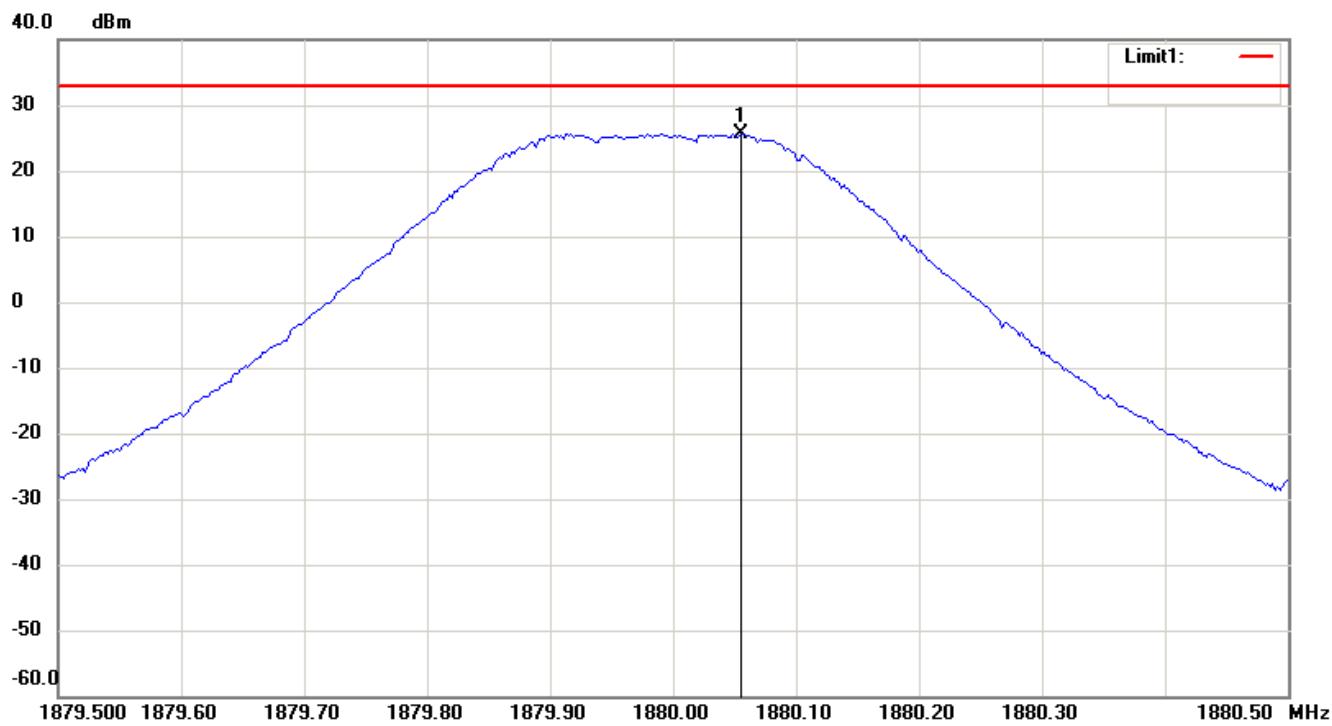
FCC ID: GX9MP

1900 band\_CH 661\_3.5 V

Antenna Polarization H



Antenna Polarization V



**Note:**

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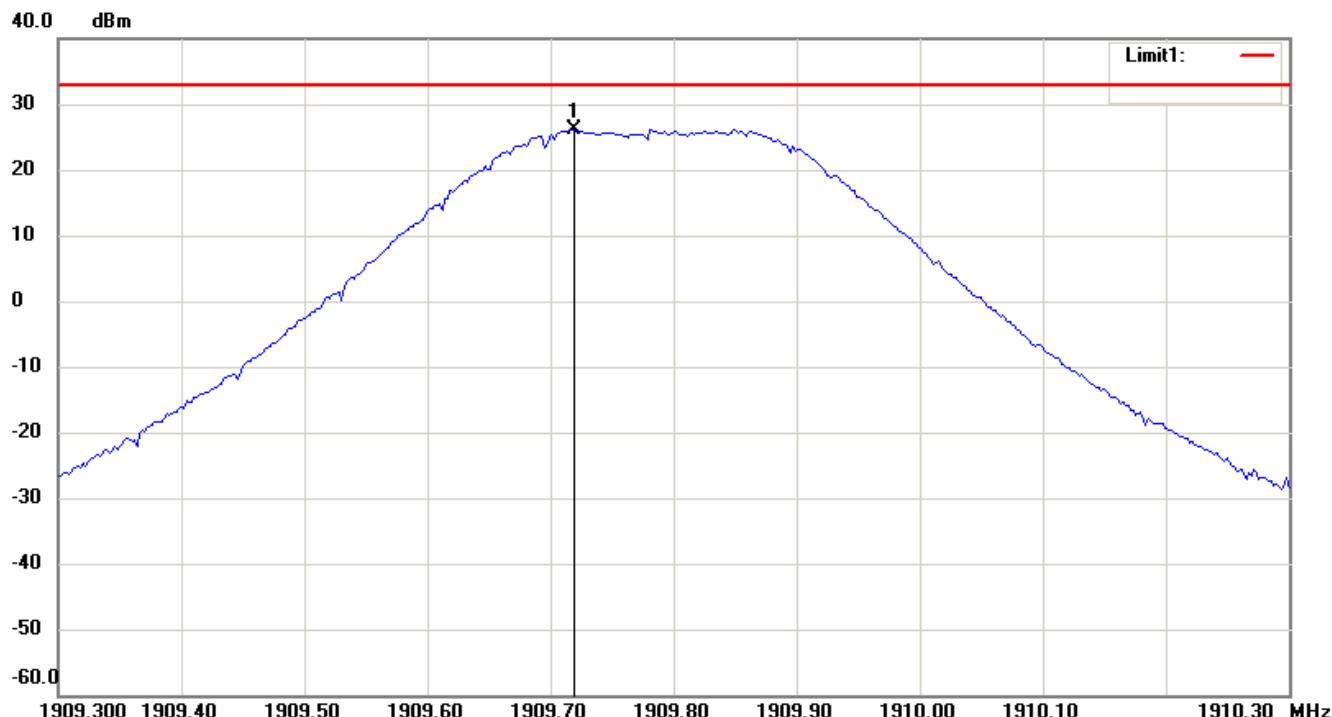
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

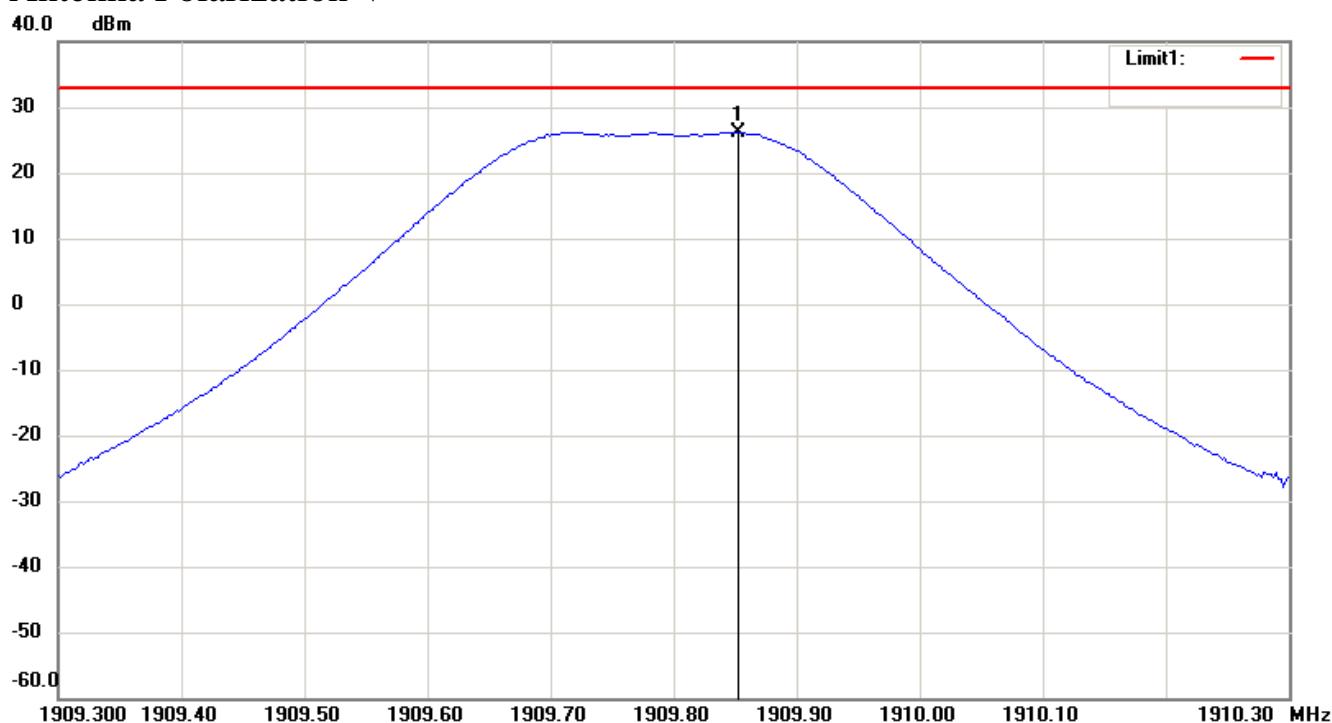
FCC ID: GX9MP

1900 band\_CH 810\_3.5 V

Antenna Polarization H



Antenna Polarization V



**Note:**

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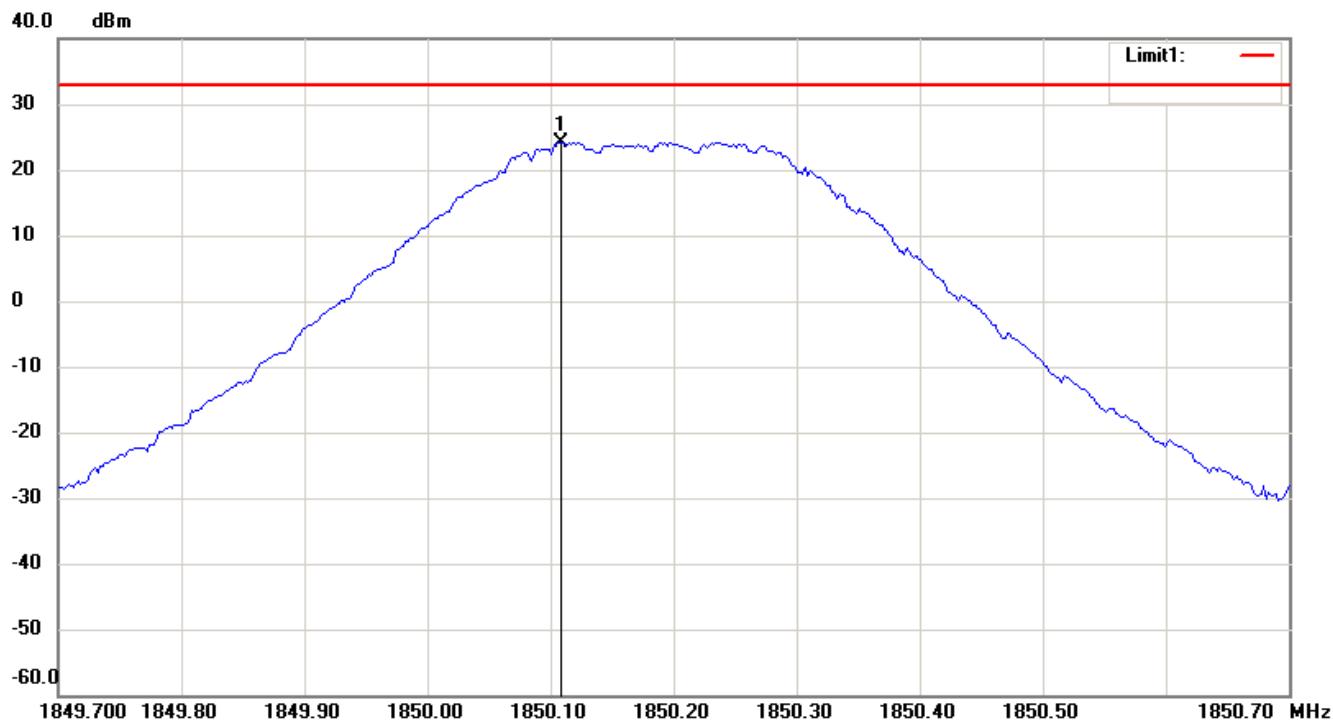
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Report Number: W6M21302-13019-P-2224

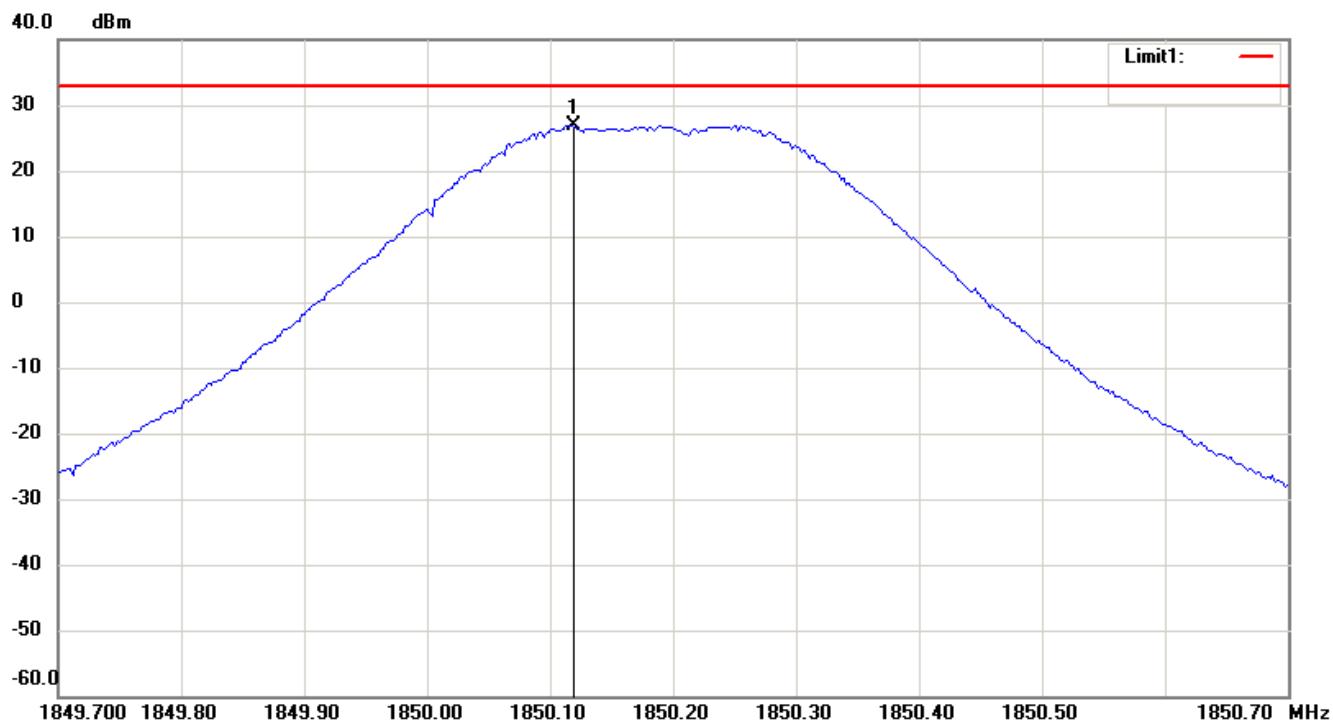
FCC ID: GX9MP

1900 band\_CH 512\_4.07 V

Antenna Polarization H



Antenna Polarization V



**Note:**

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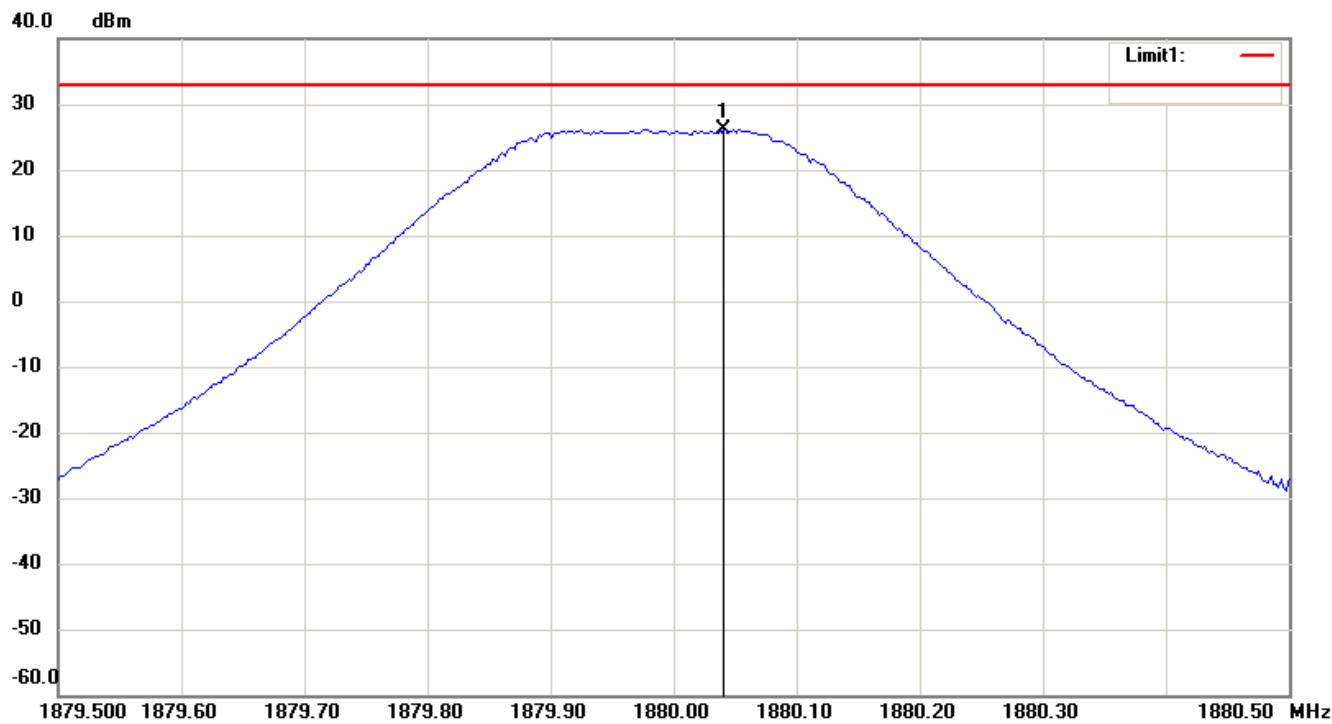
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Report Number: W6M21302-13019-P-2224

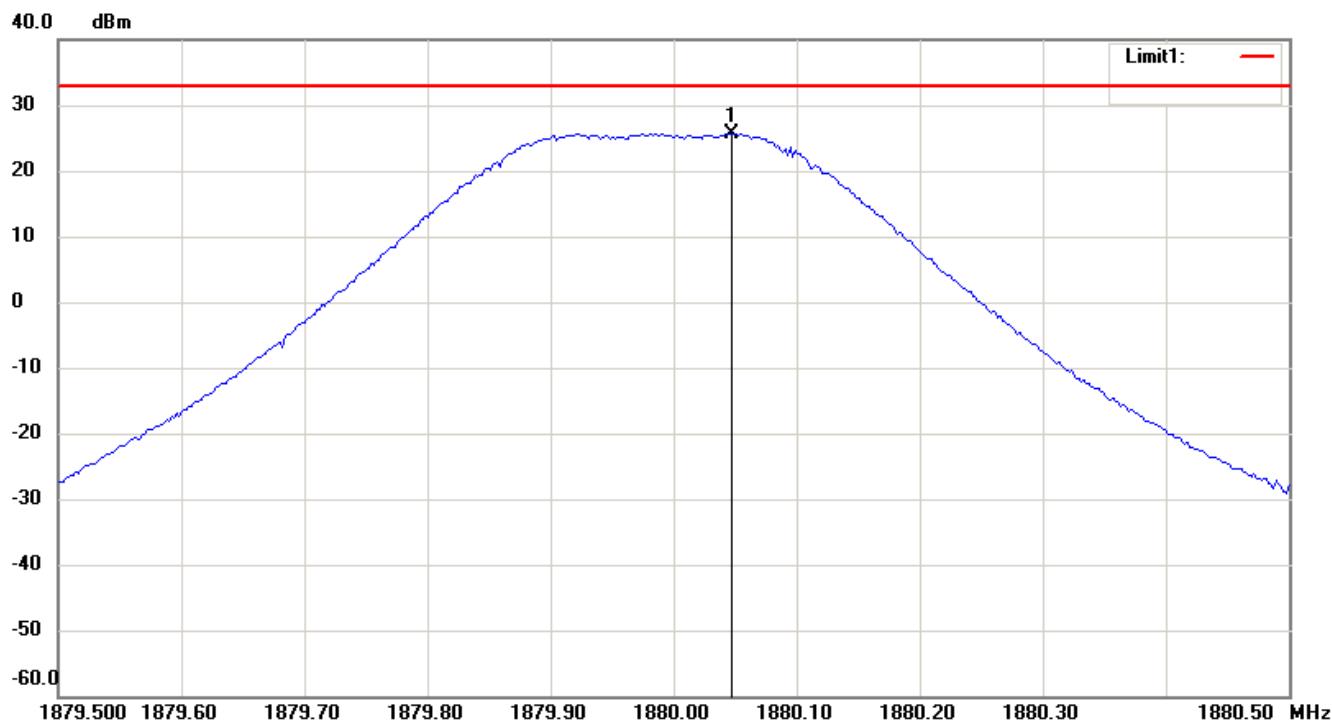
FCC ID: GX9MP

1900 band\_CH 661\_4.07 V

Antenna Polarization H



Antenna Polarization V



## Note:

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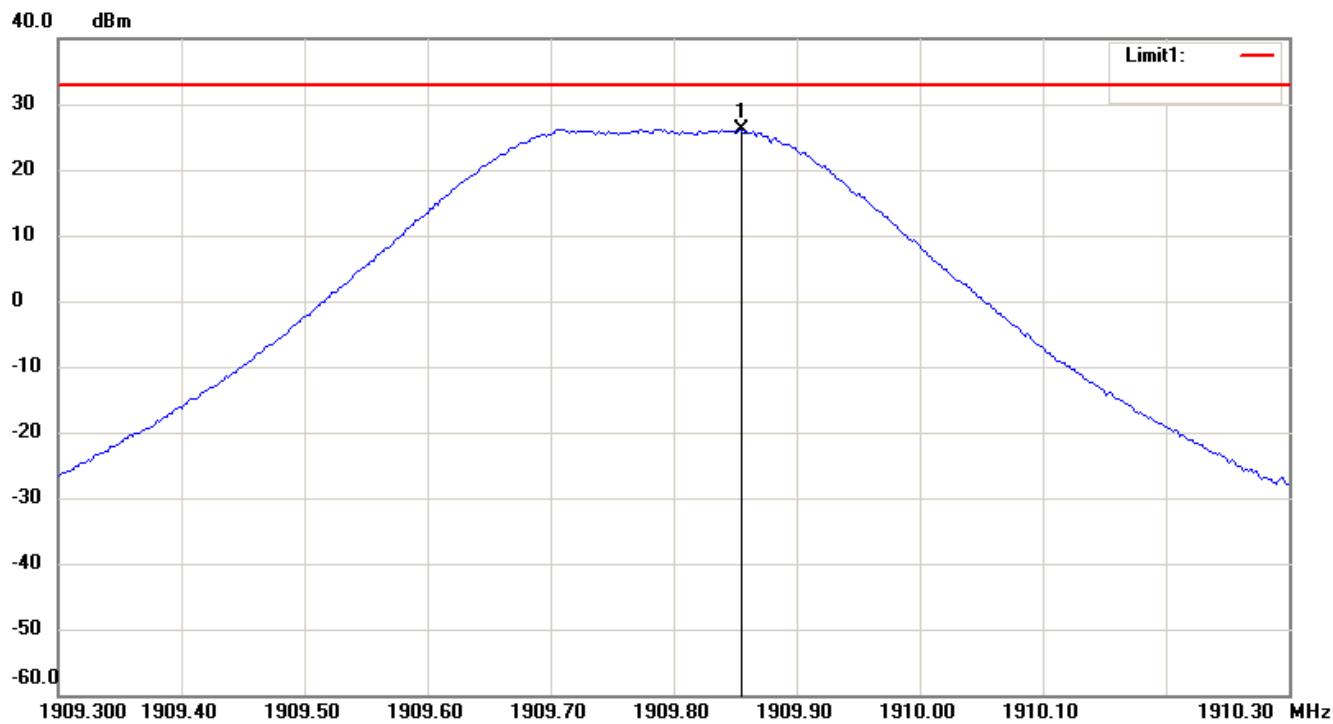
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Report Number: W6M21302-13019-P-2224

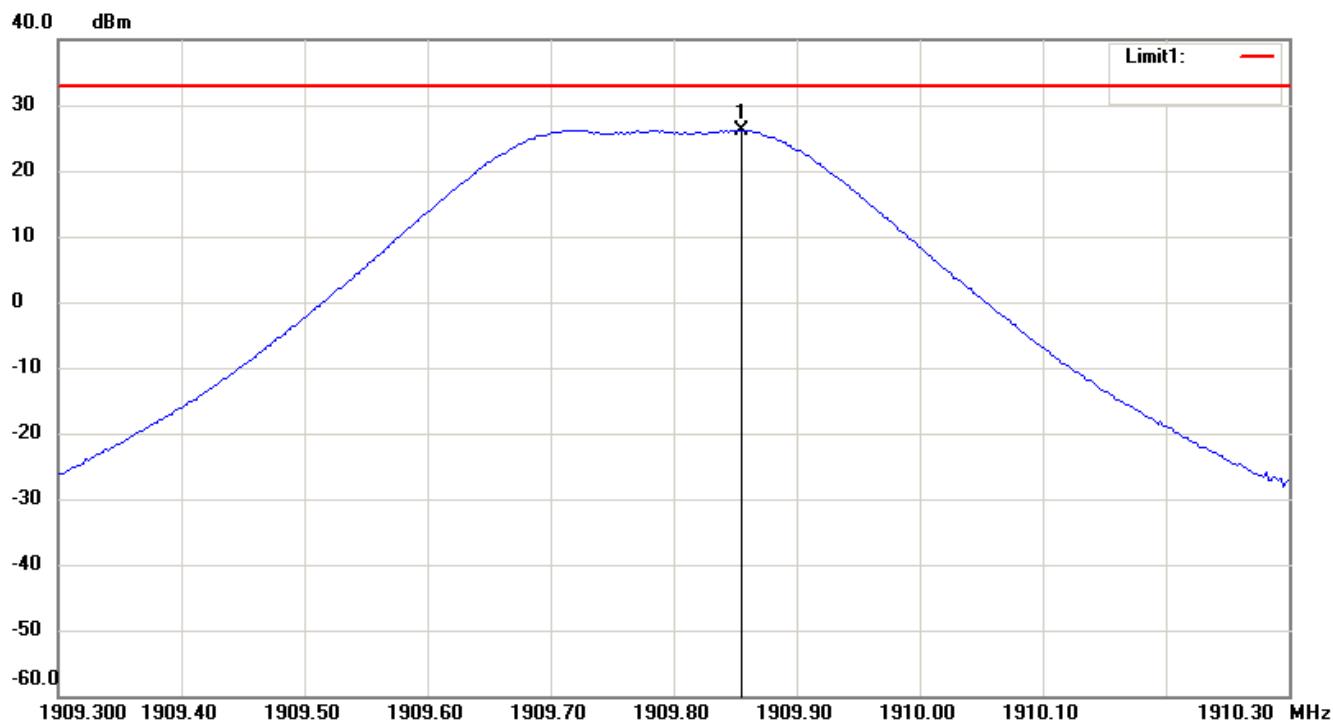
FCC ID: GX9MP

1900 band\_CH 810\_4.07 V

Antenna Polarization H



Antenna Polarization V



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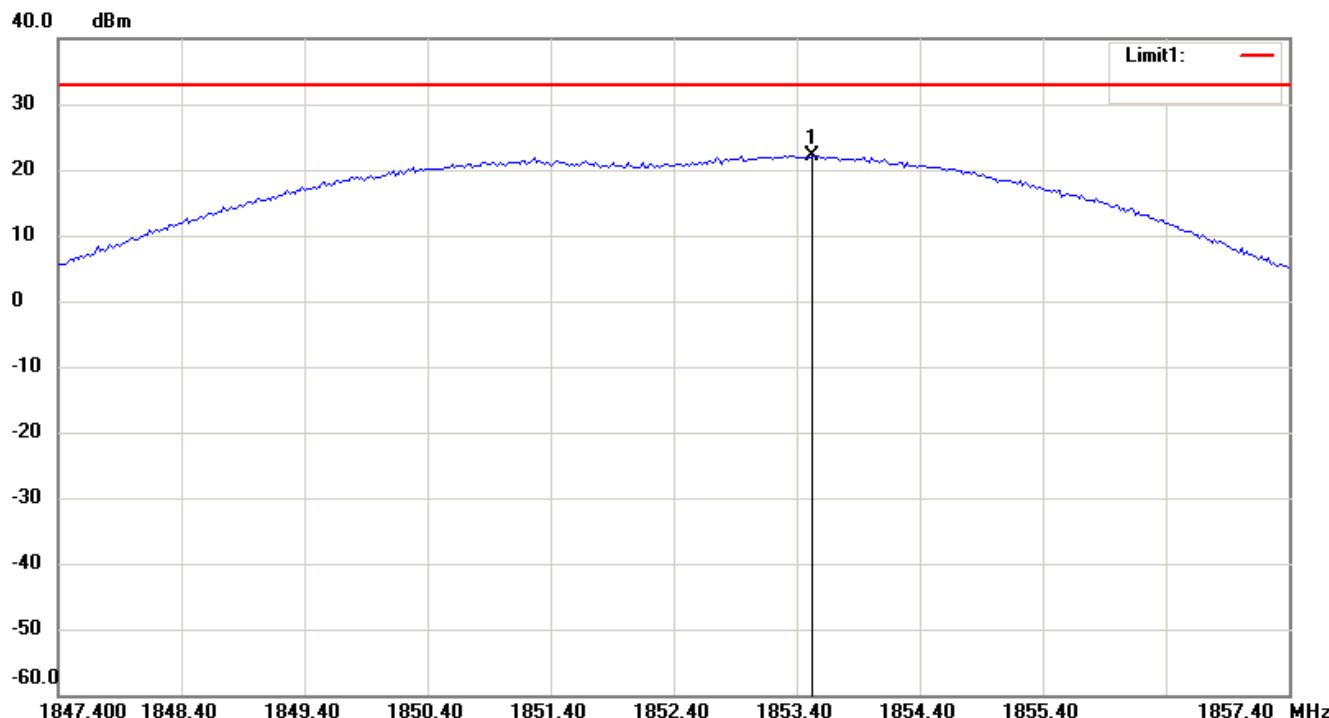
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Report Number: W6M21302-13019-P-2224

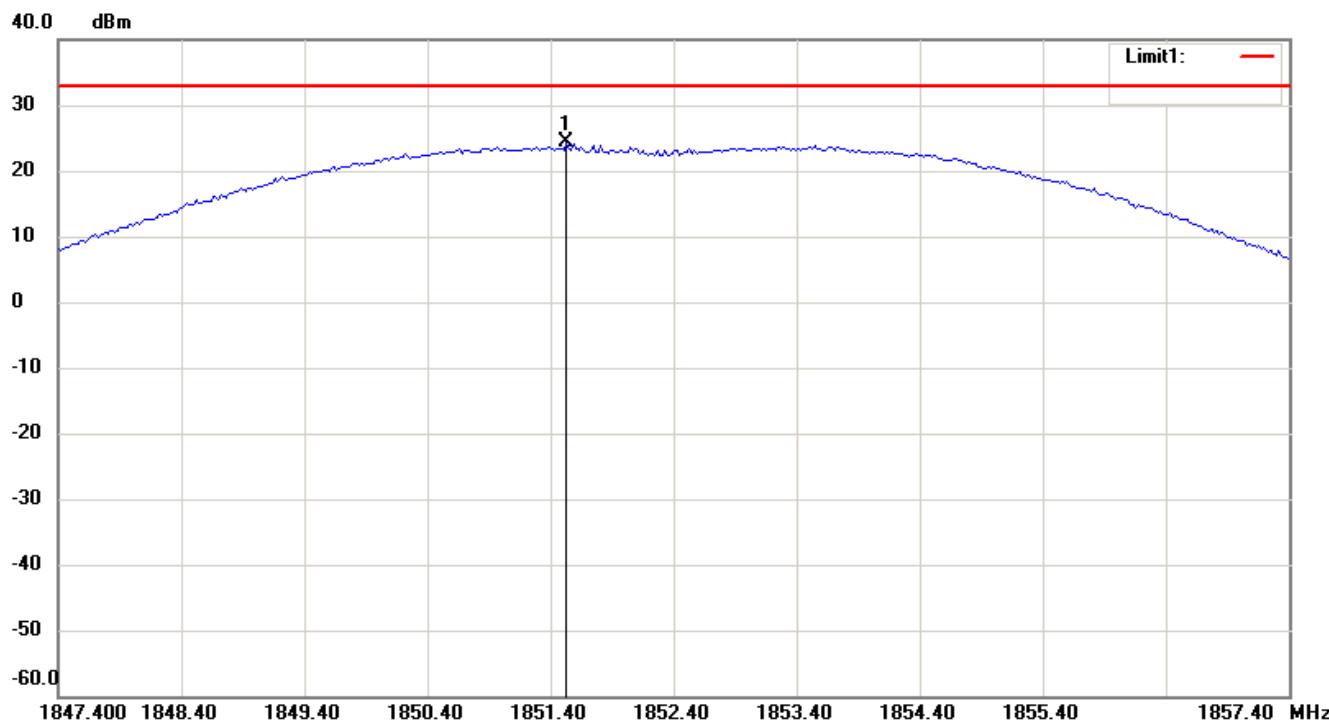
FCC ID: GX9MP

Band II\_CH 9262\_3.5 V

Antenna Polarization H



Antenna Polarization V



**Note:**

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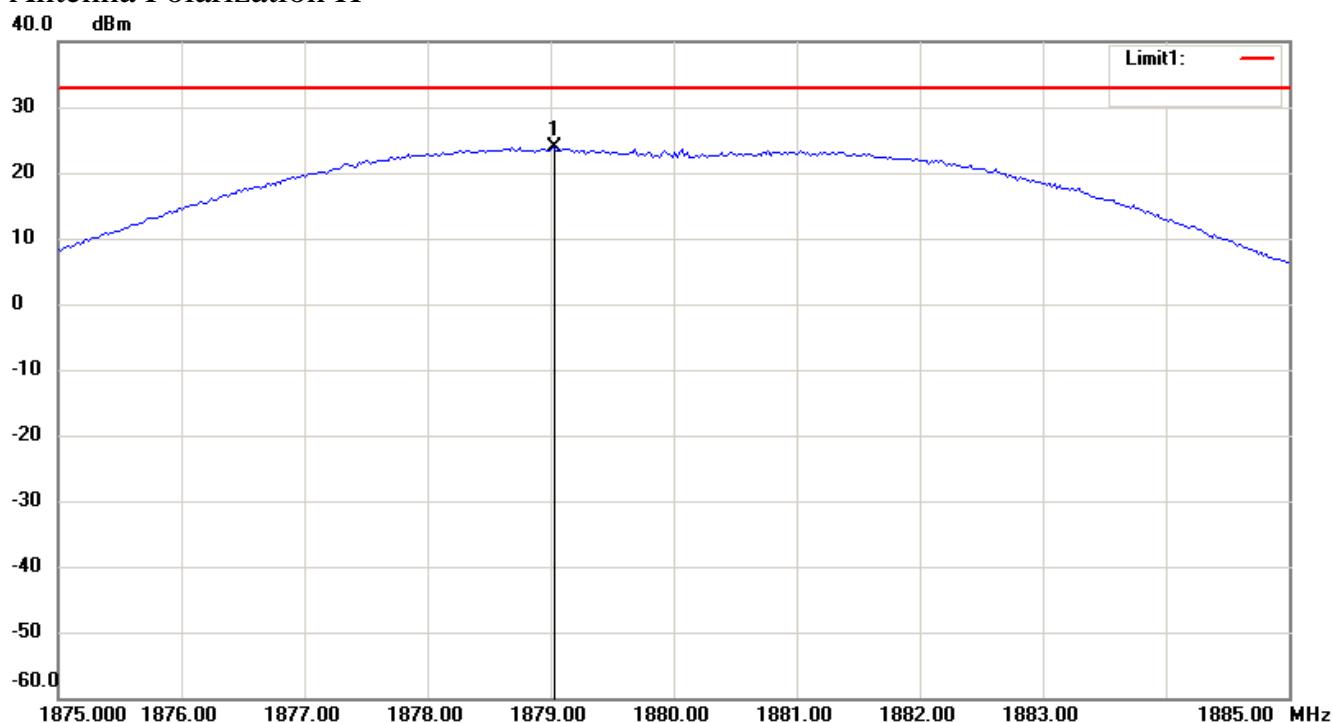
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

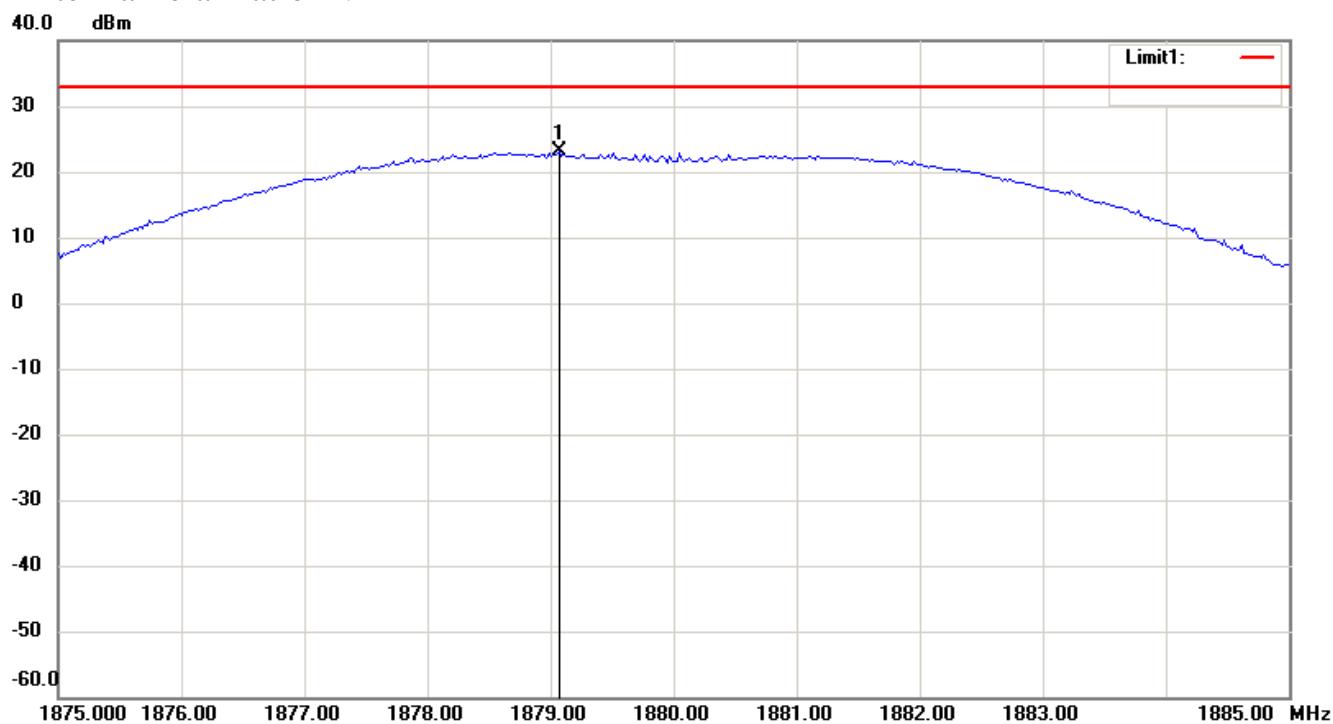
FCC ID: GX9MP

Band II\_CH 9400\_3.5 V

Antenna Polarization H



Antenna Polarization V



**Note:**

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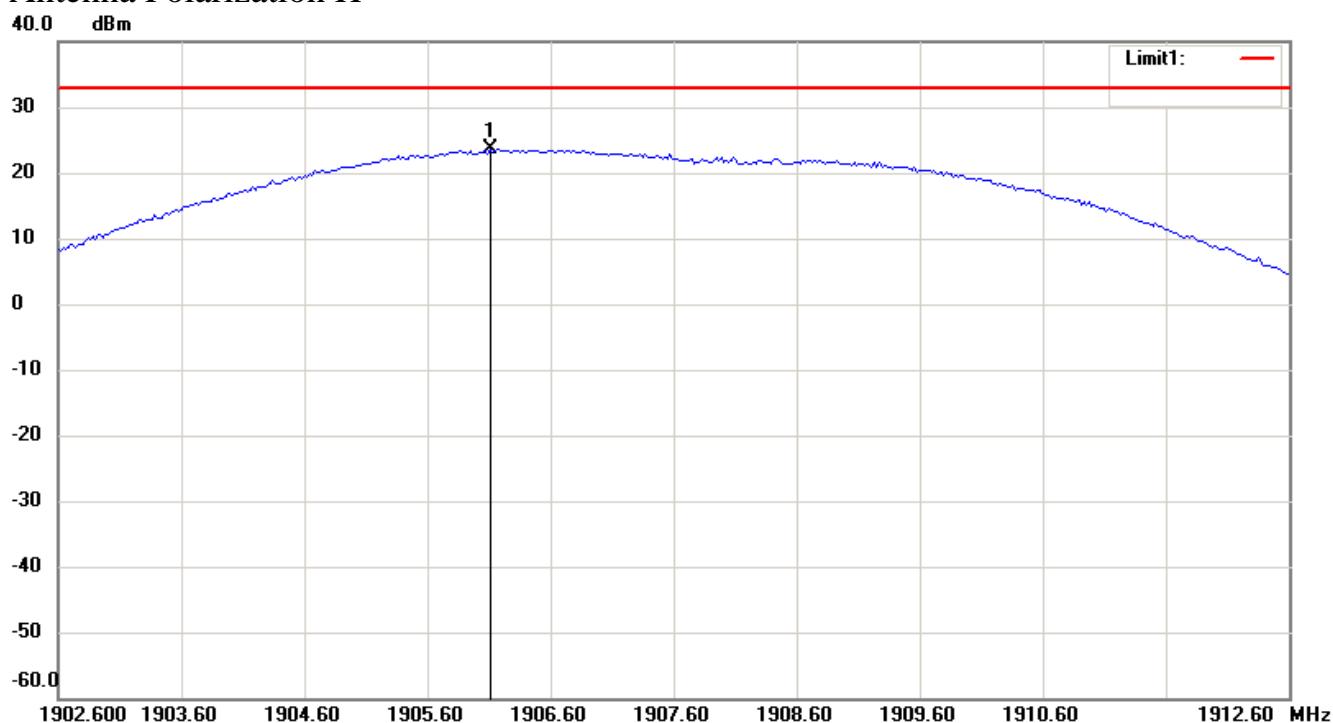
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Report Number: W6M21302-13019-P-2224

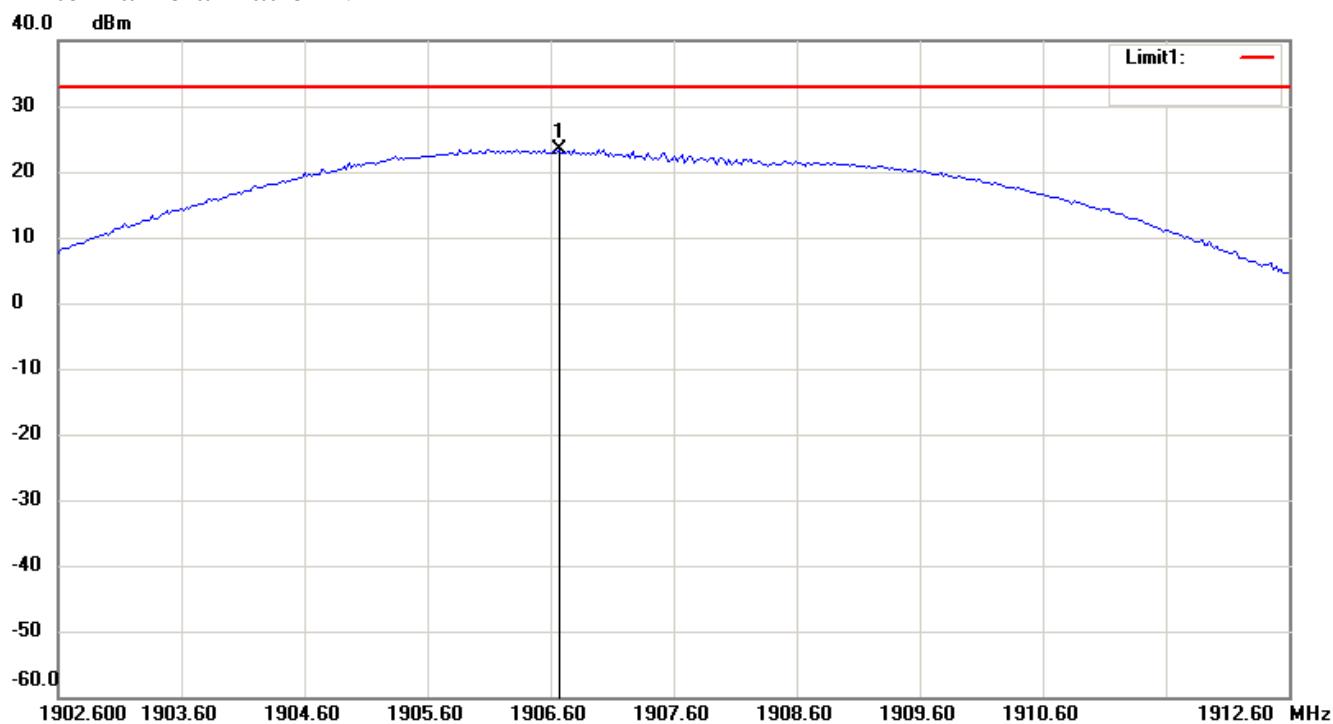
FCC ID: GX9MP

Band II\_CH 9538\_3.5 V

Antenna Polarization H

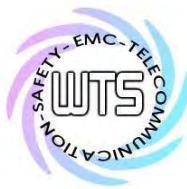


Antenna Polarization V



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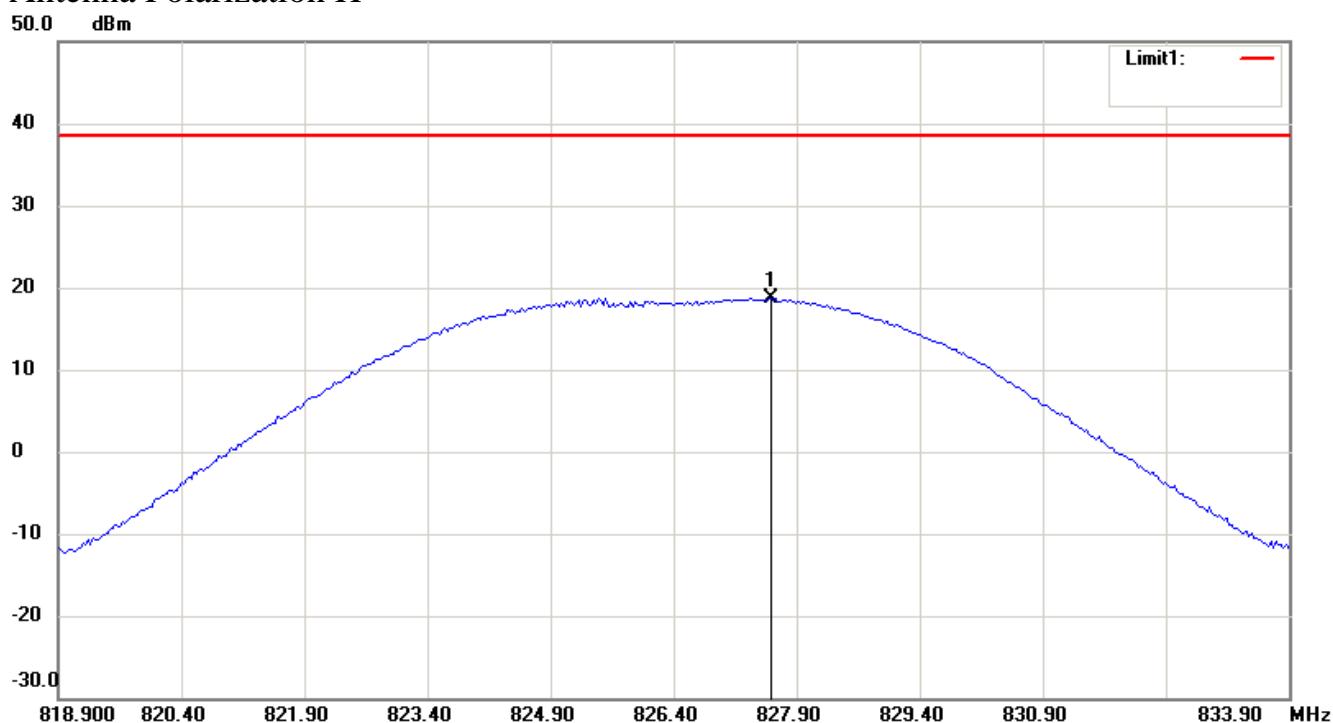
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Report Number: W6M21302-13019-P-2224

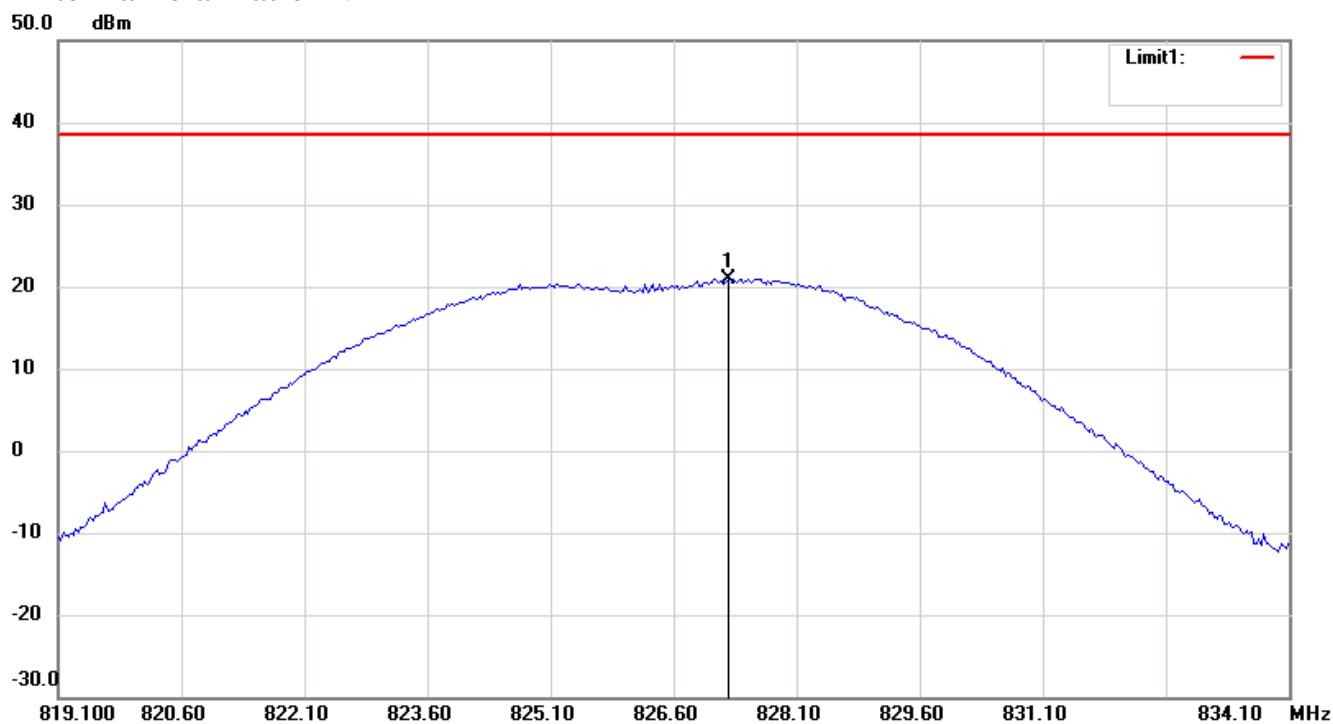
FCC ID: GX9MP

Band V\_CH 4132\_3.5 V

Antenna Polarization H

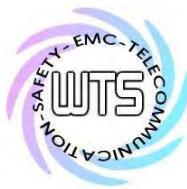


Antenna Polarization V



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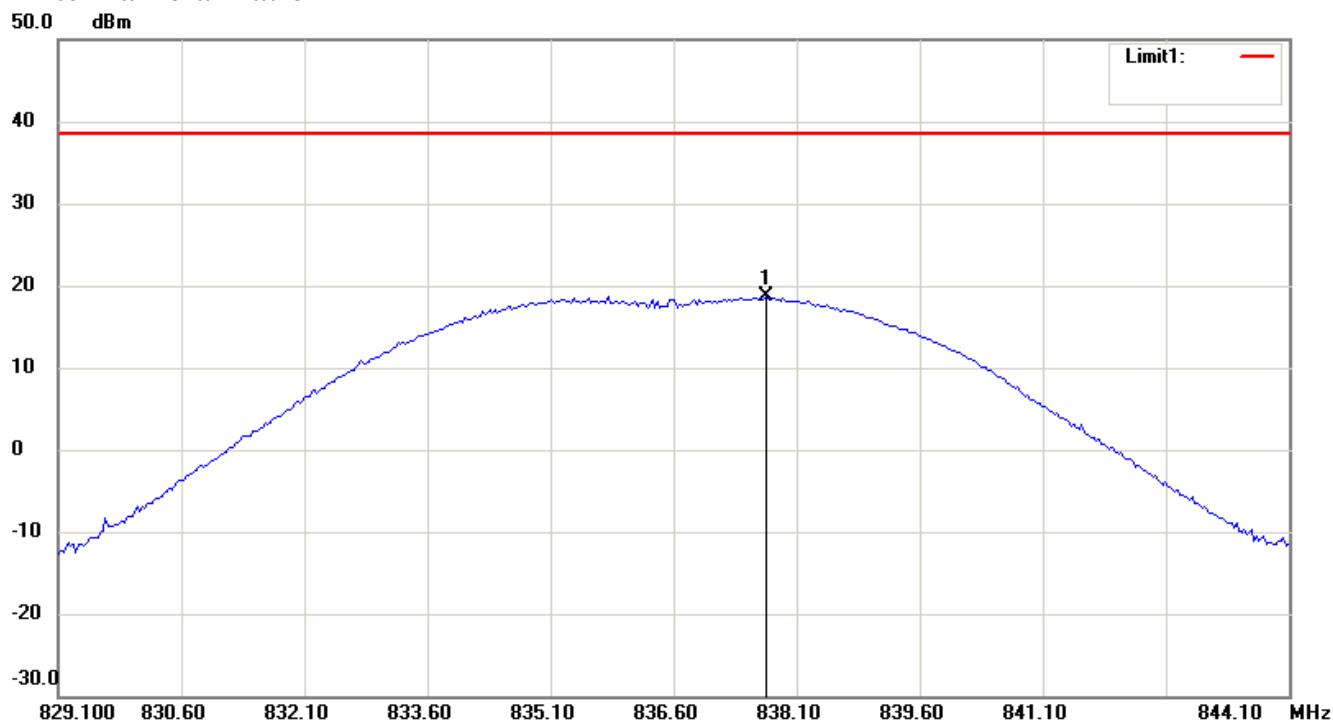
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

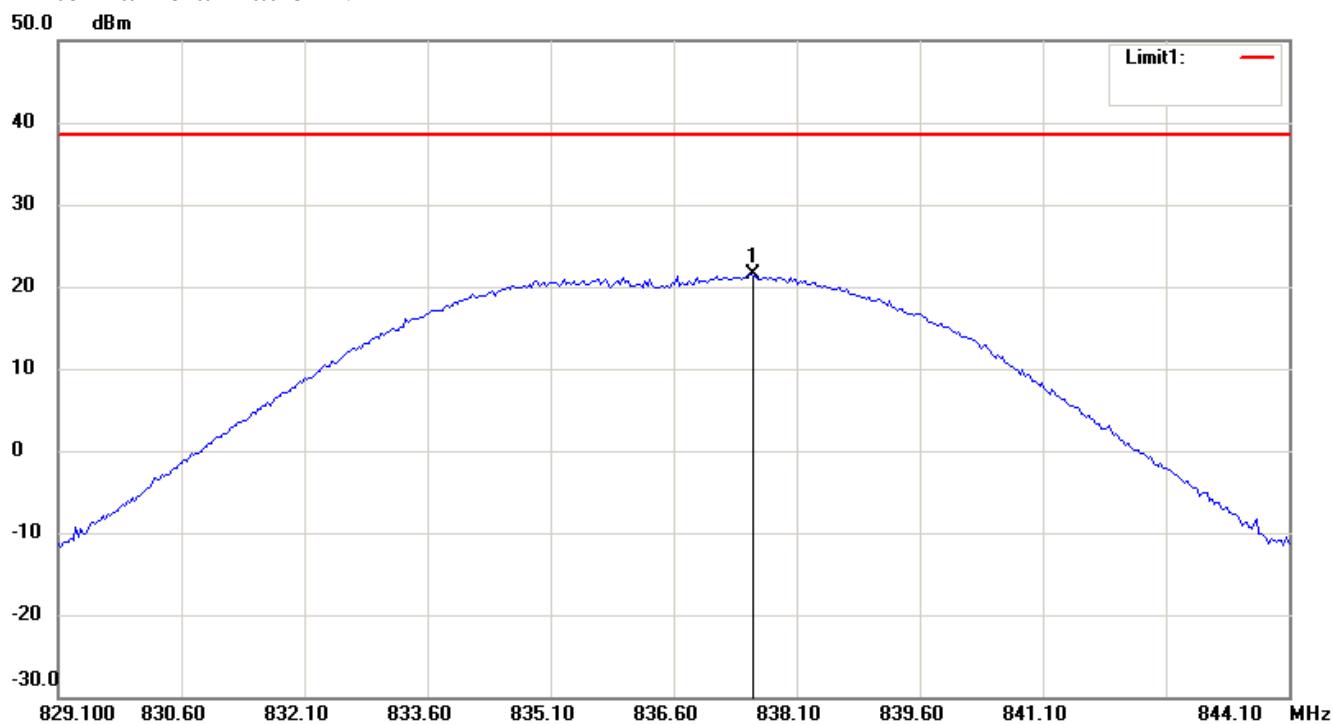
FCC ID: GX9MP

Band V\_CH 4183\_3.5 V

Antenna Polarization H



Antenna Polarization V



## Note:

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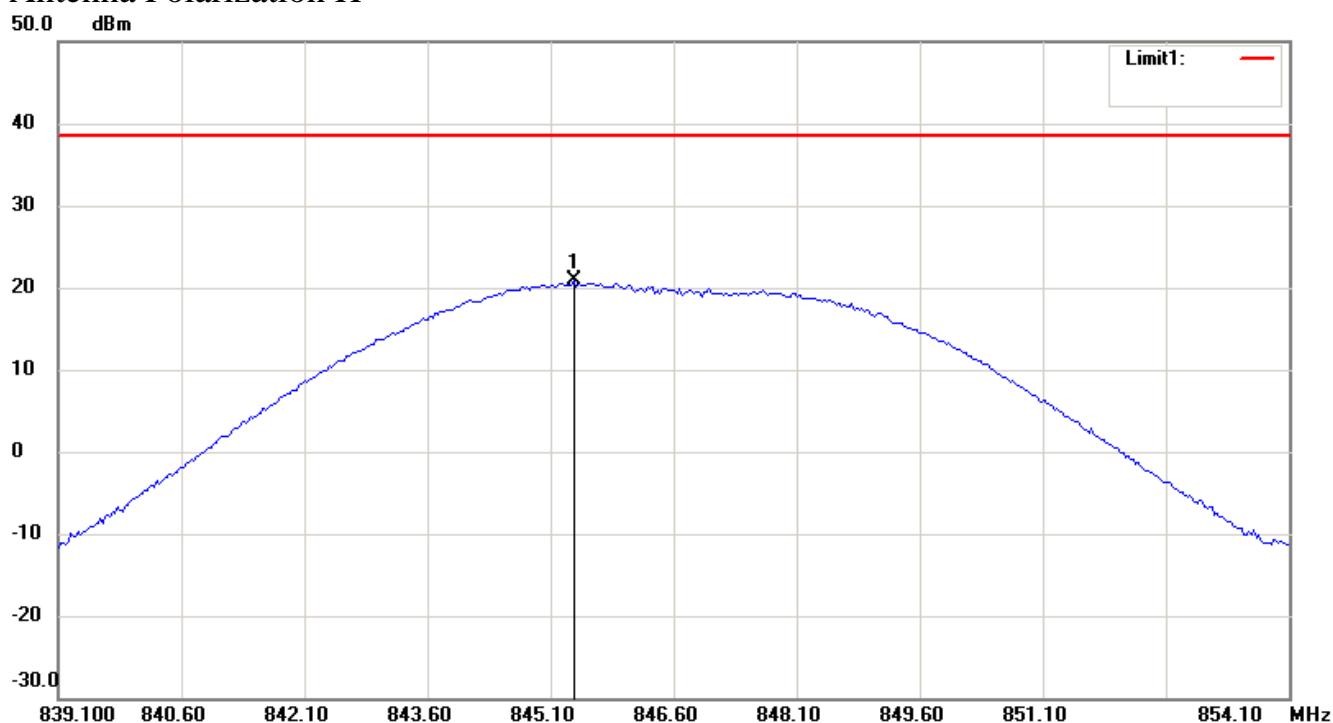
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

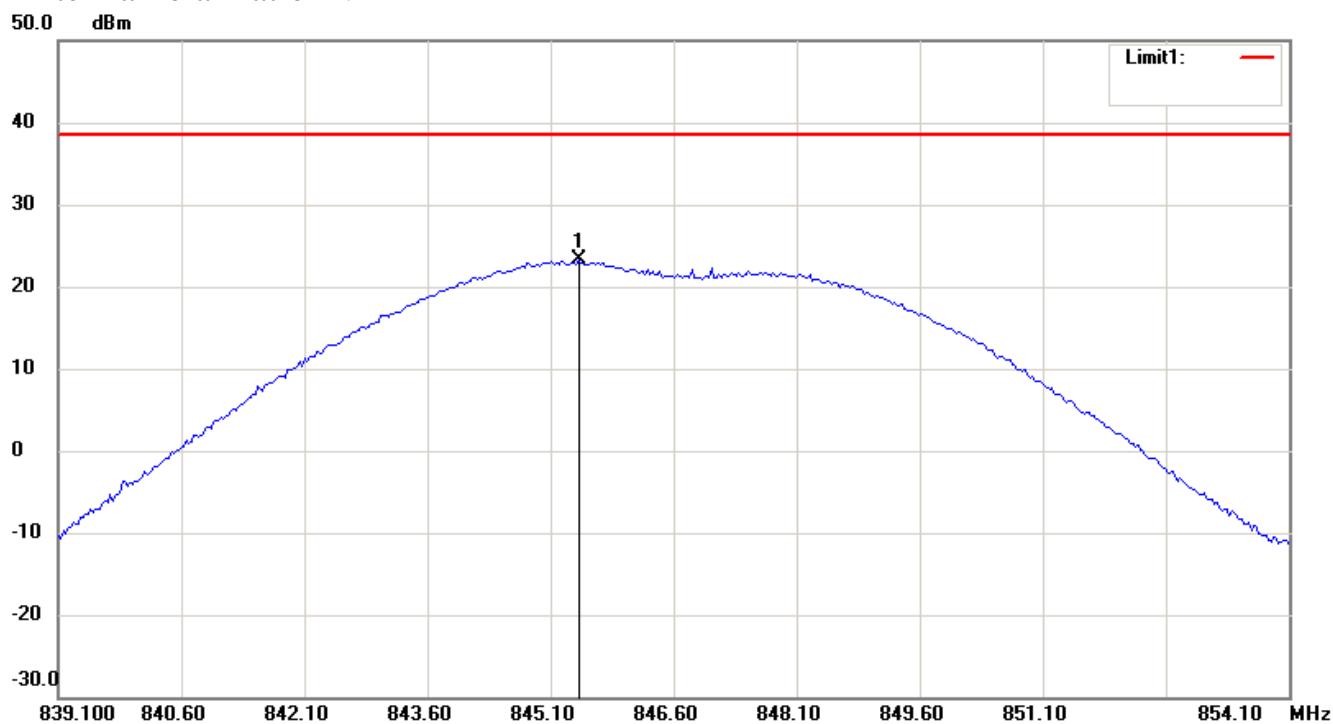
FCC ID: GX9MP

Band V\_CH 4233\_3.5 V

Antenna Polarization H



Antenna Polarization V



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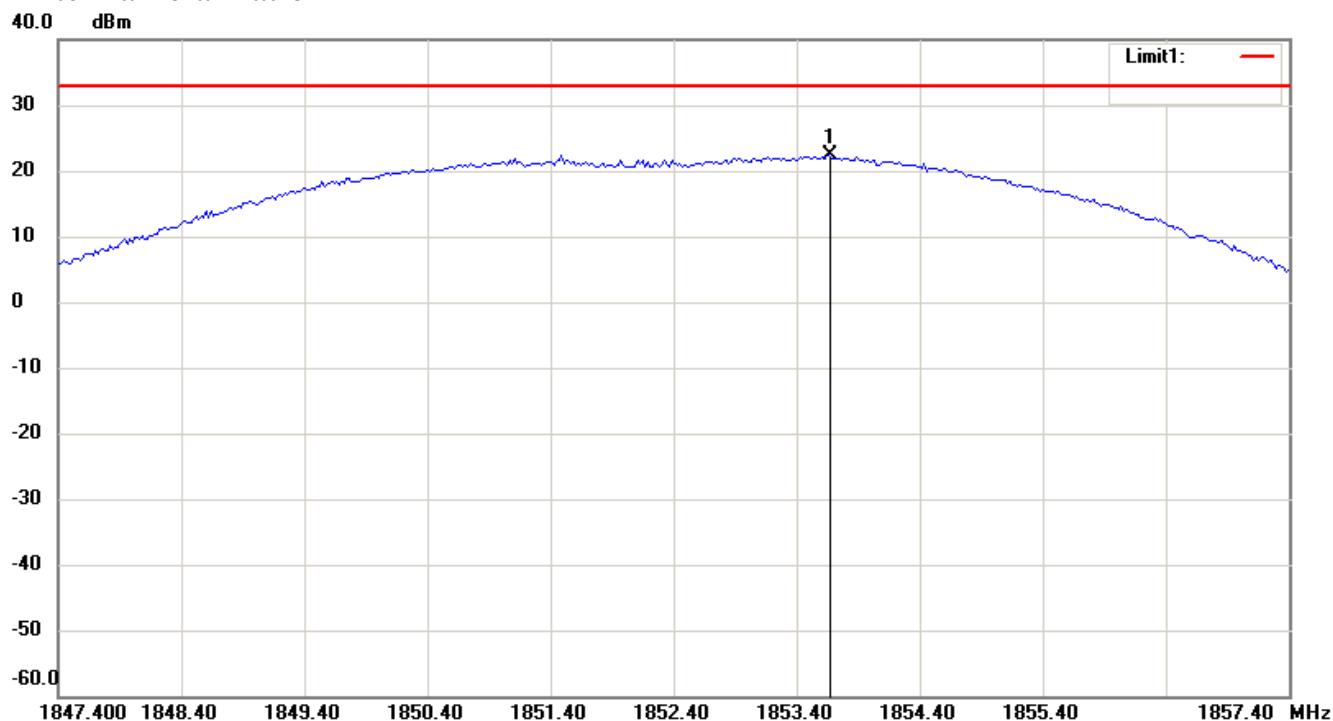
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Report Number: W6M21302-13019-P-2224

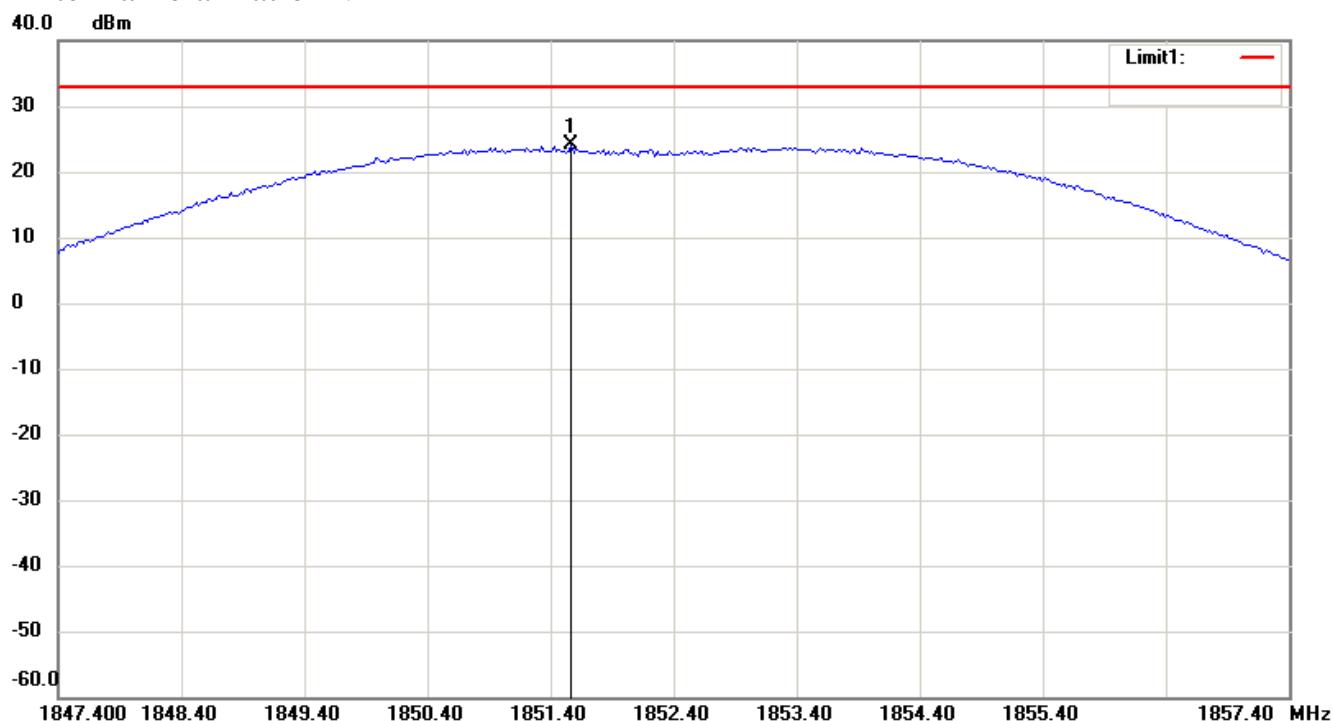
FCC ID: GX9MP

Band II\_CH 9262\_4.07 V

Antenna Polarization H



Antenna Polarization V



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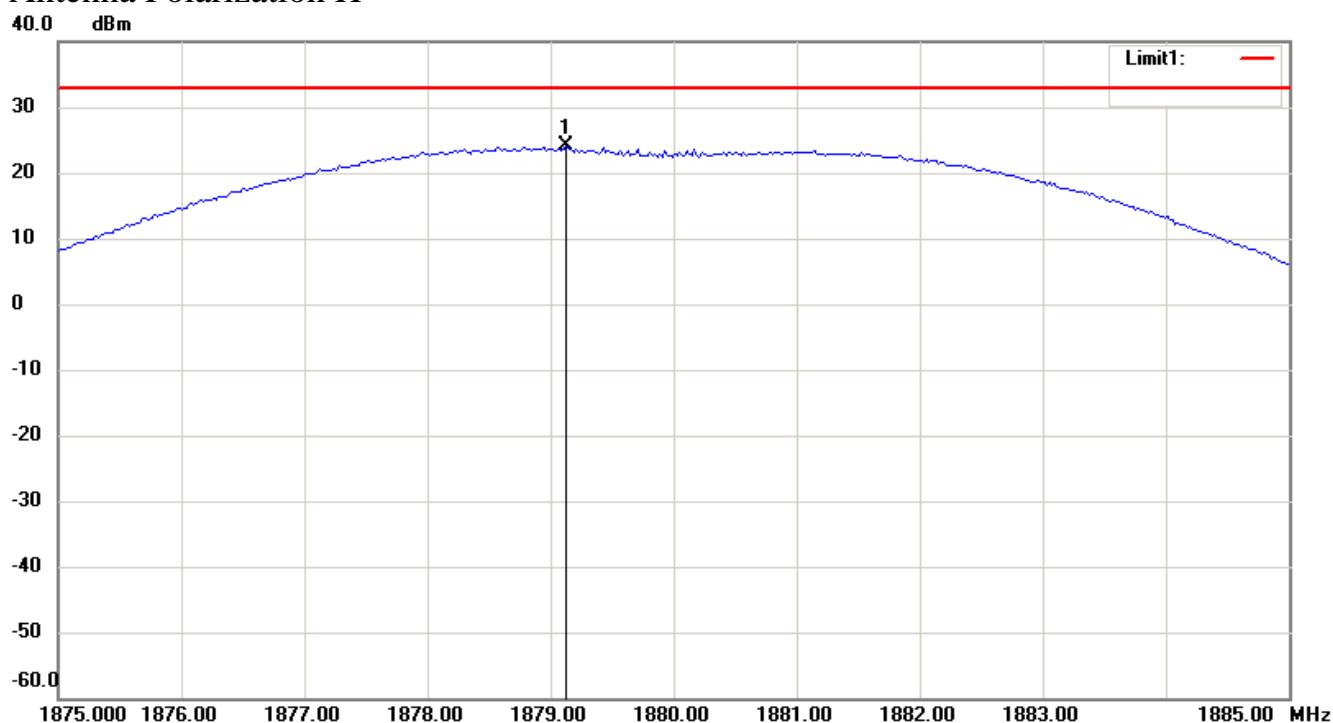
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Report Number: W6M21302-13019-P-2224

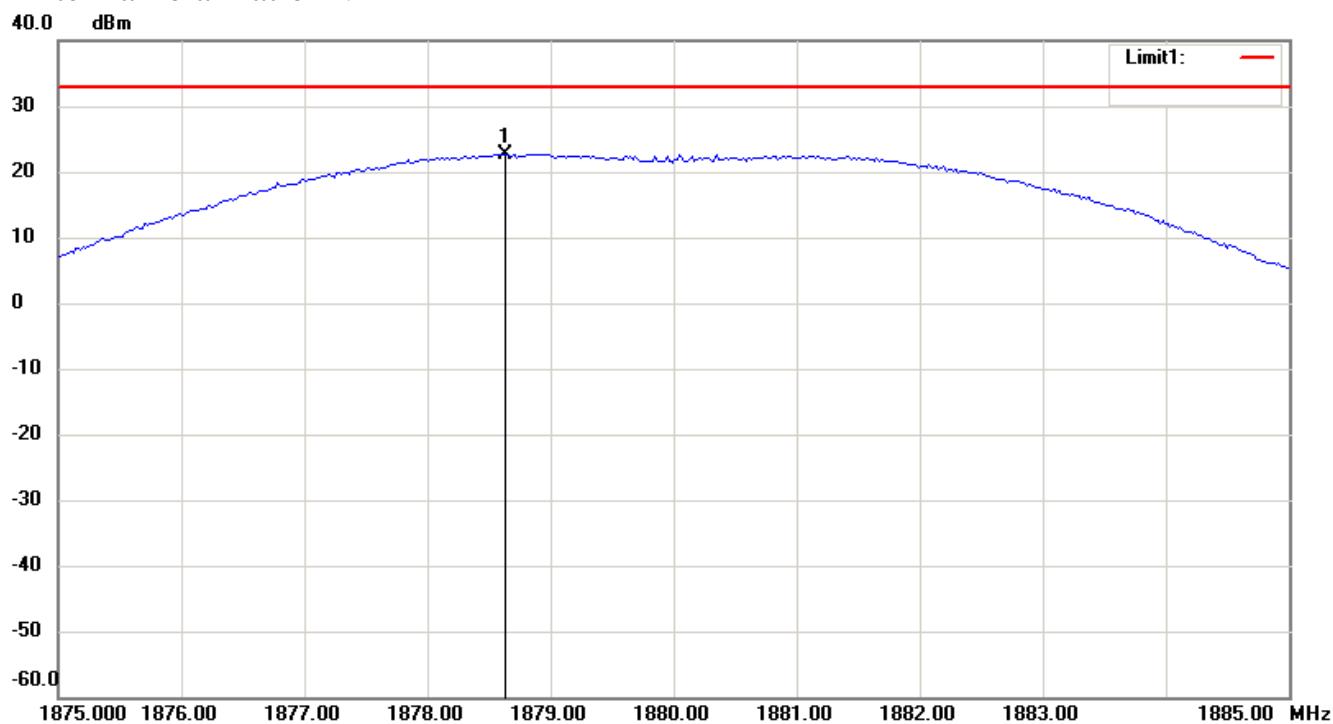
FCC ID: GX9MP

Band II\_CH 9400\_4.07 V

Antenna Polarization H



Antenna Polarization V



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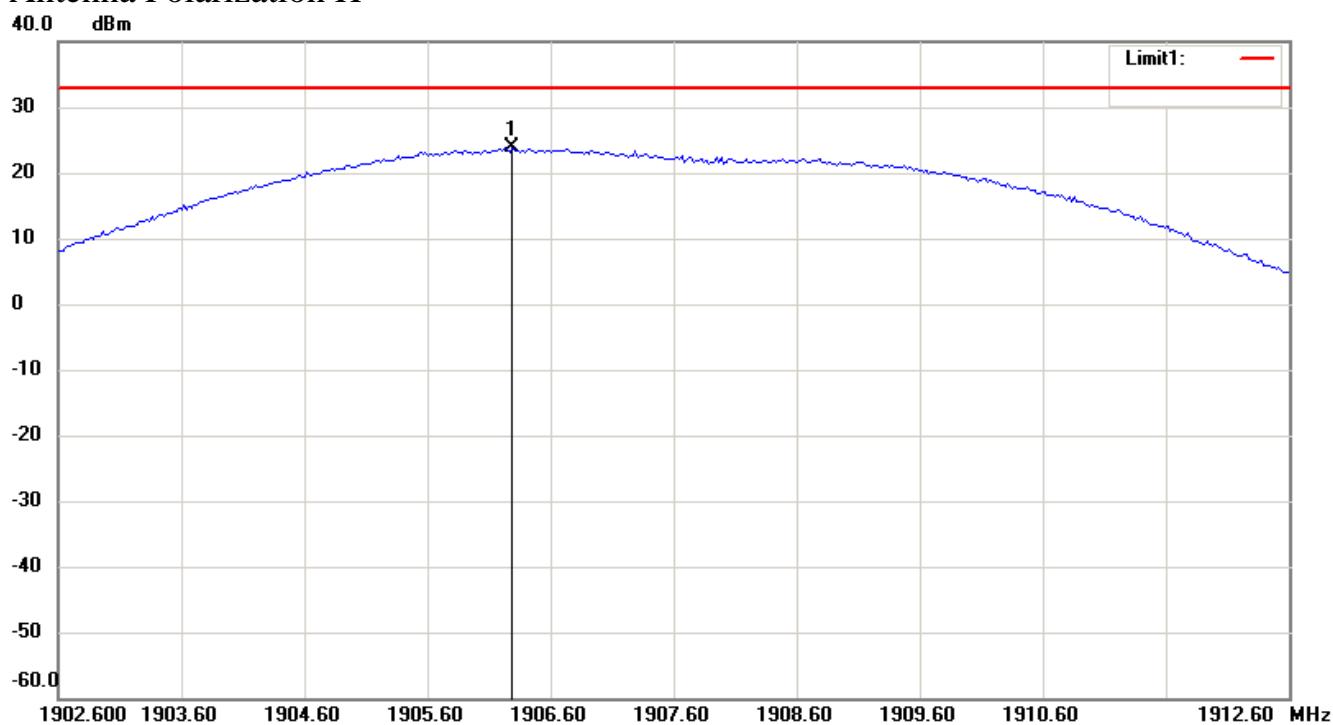
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Report Number: W6M21302-13019-P-2224

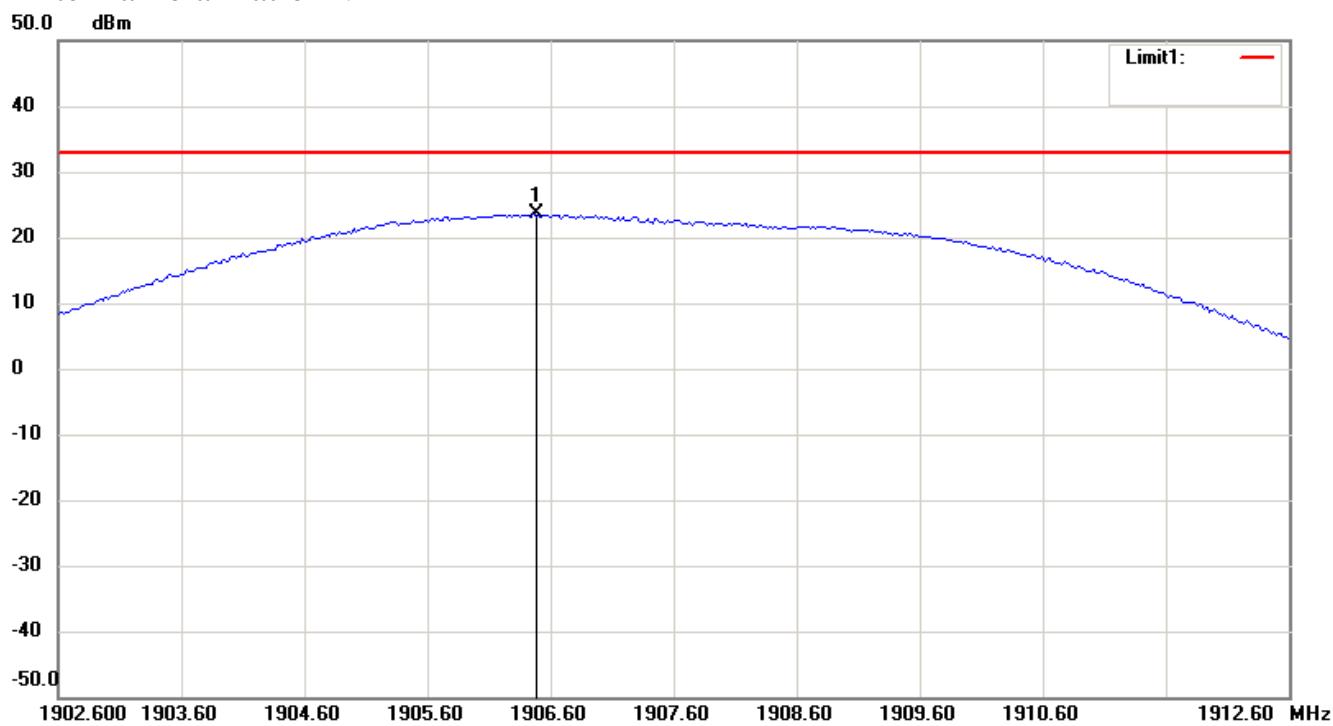
FCC ID: GX9MP

Band II\_CH 9538\_4.07 V

Antenna Polarization H



Antenna Polarization V



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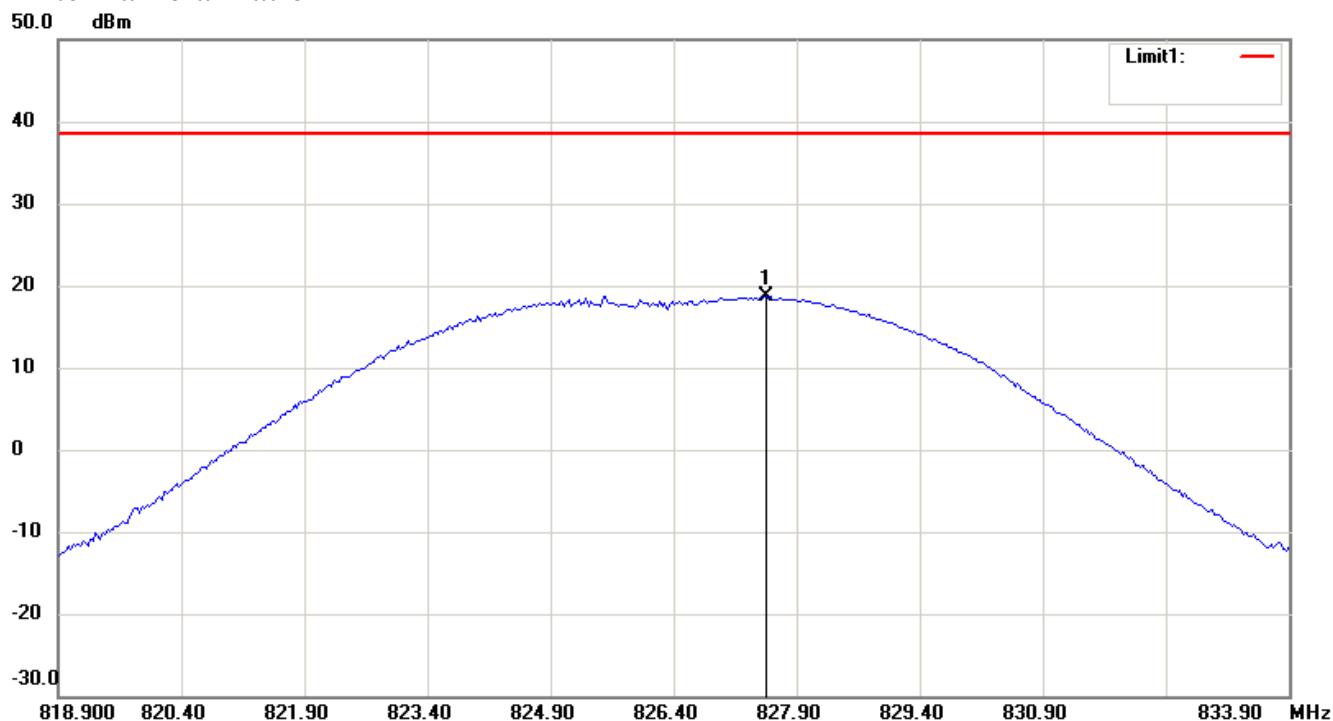
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Report Number: W6M21302-13019-P-2224

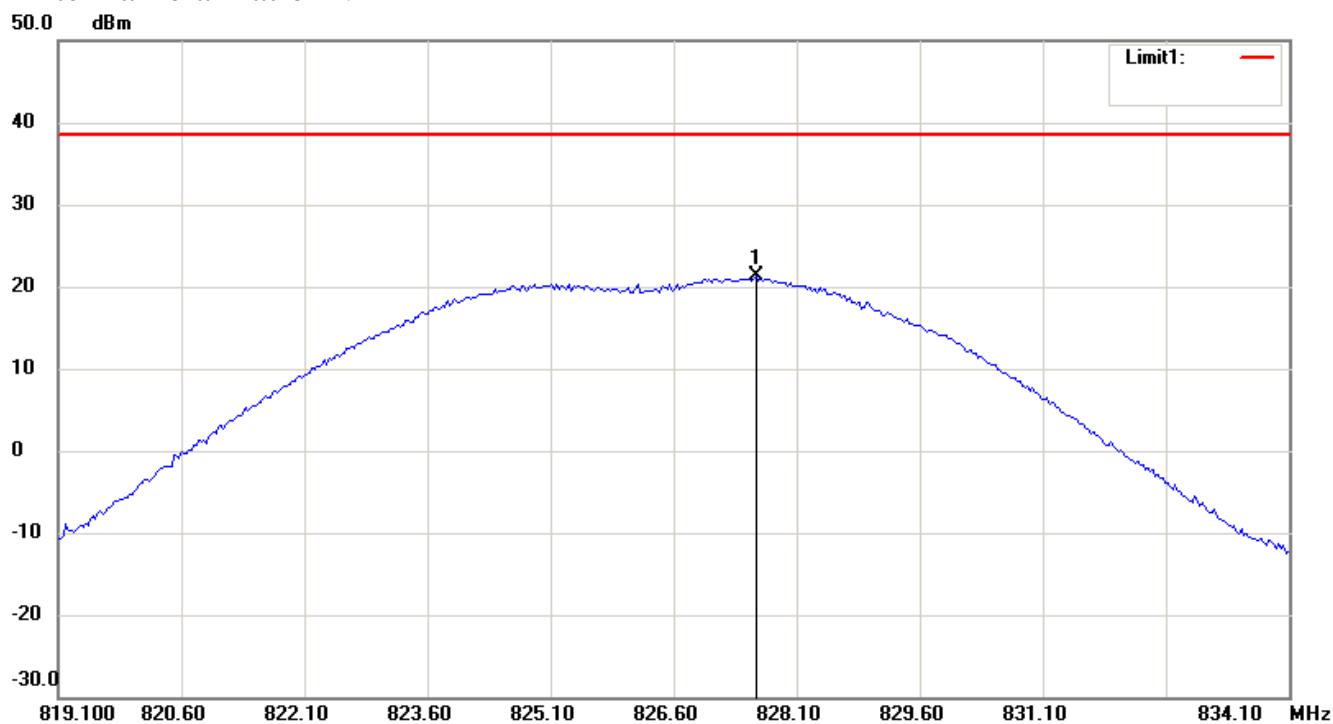
FCC ID: GX9MP

Band V\_CH 4132\_4.07 V

Antenna Polarization H



Antenna Polarization V



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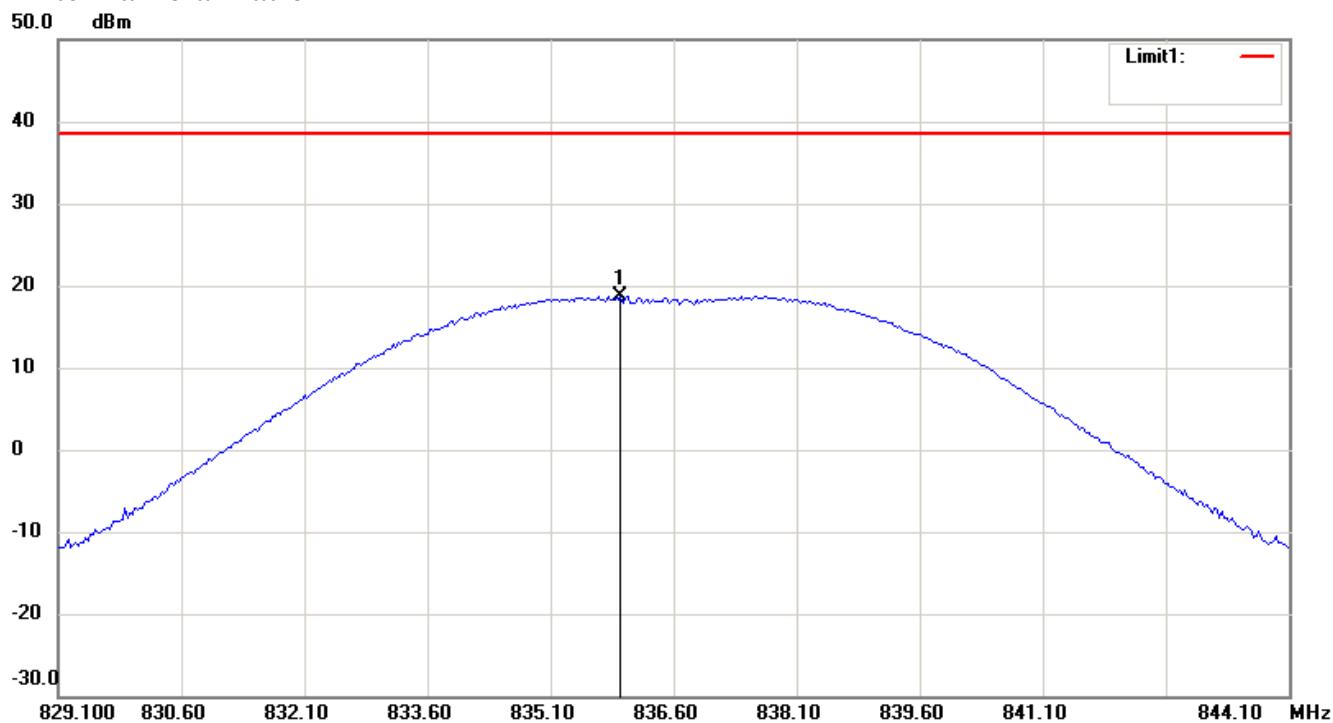
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

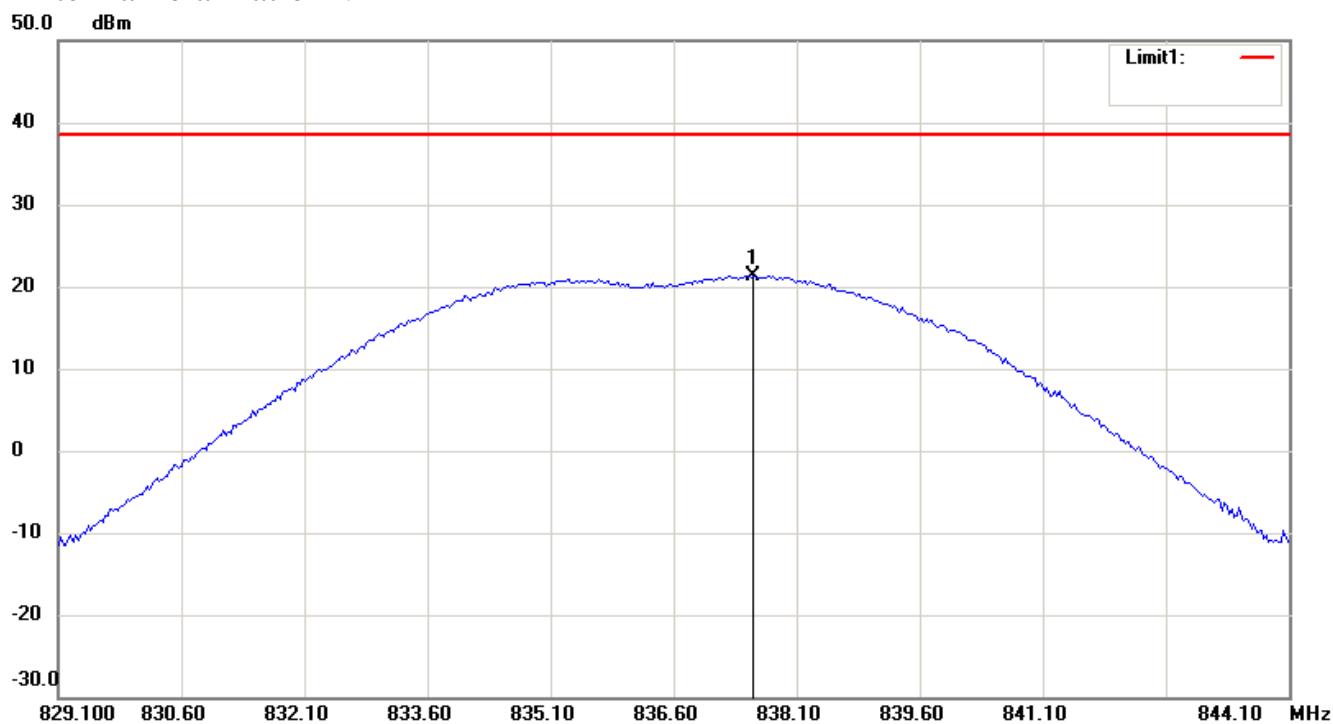
FCC ID: GX9MP

Band V\_CH 4183\_4.07 V

Antenna Polarization H



Antenna Polarization V



**Note:**

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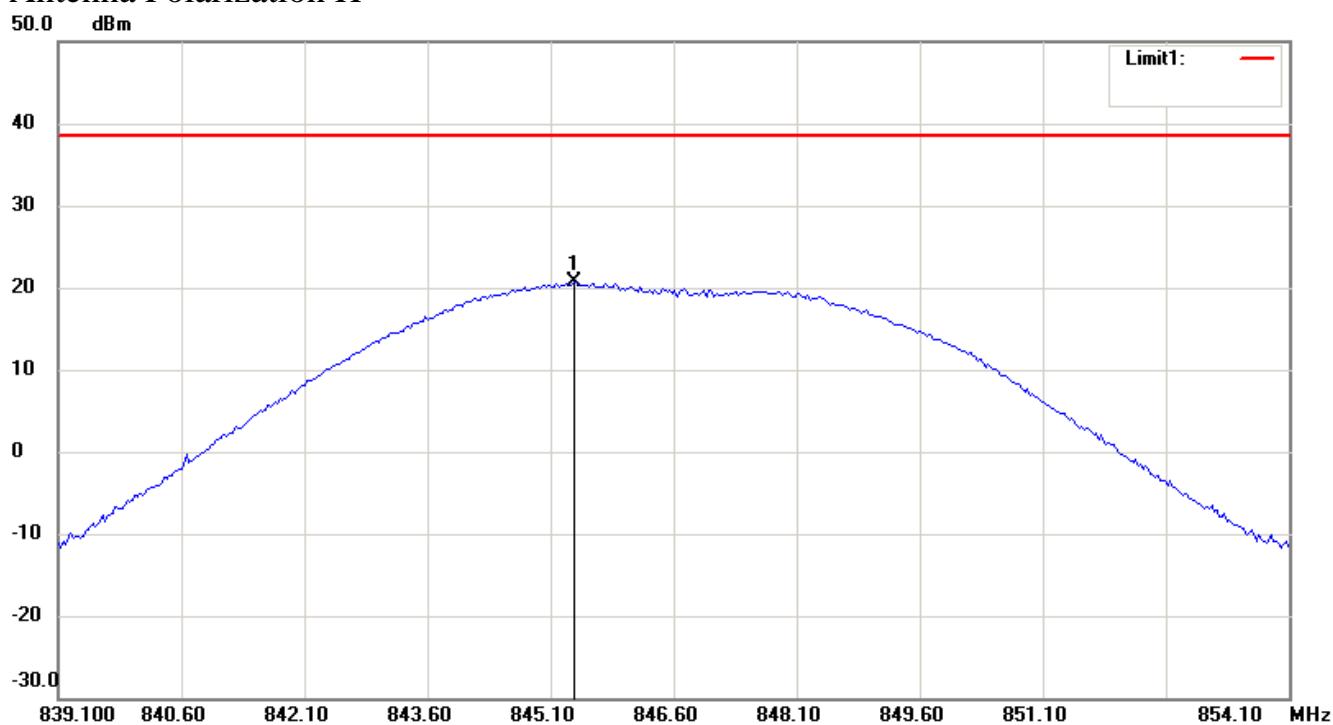
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Report Number: W6M21302-13019-P-2224

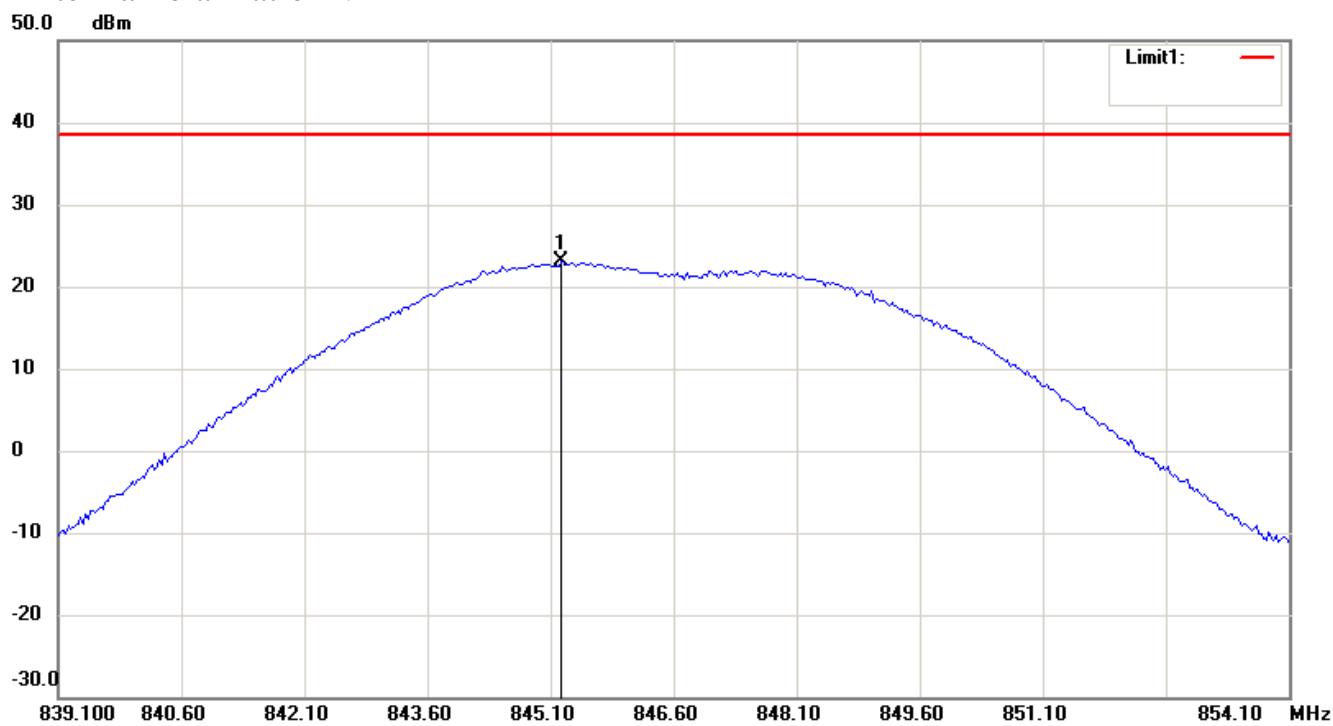
FCC ID: GX9MP

Band V\_CH 4233\_4.07 V

Antenna Polarization H

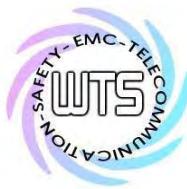


Antenna Polarization V



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

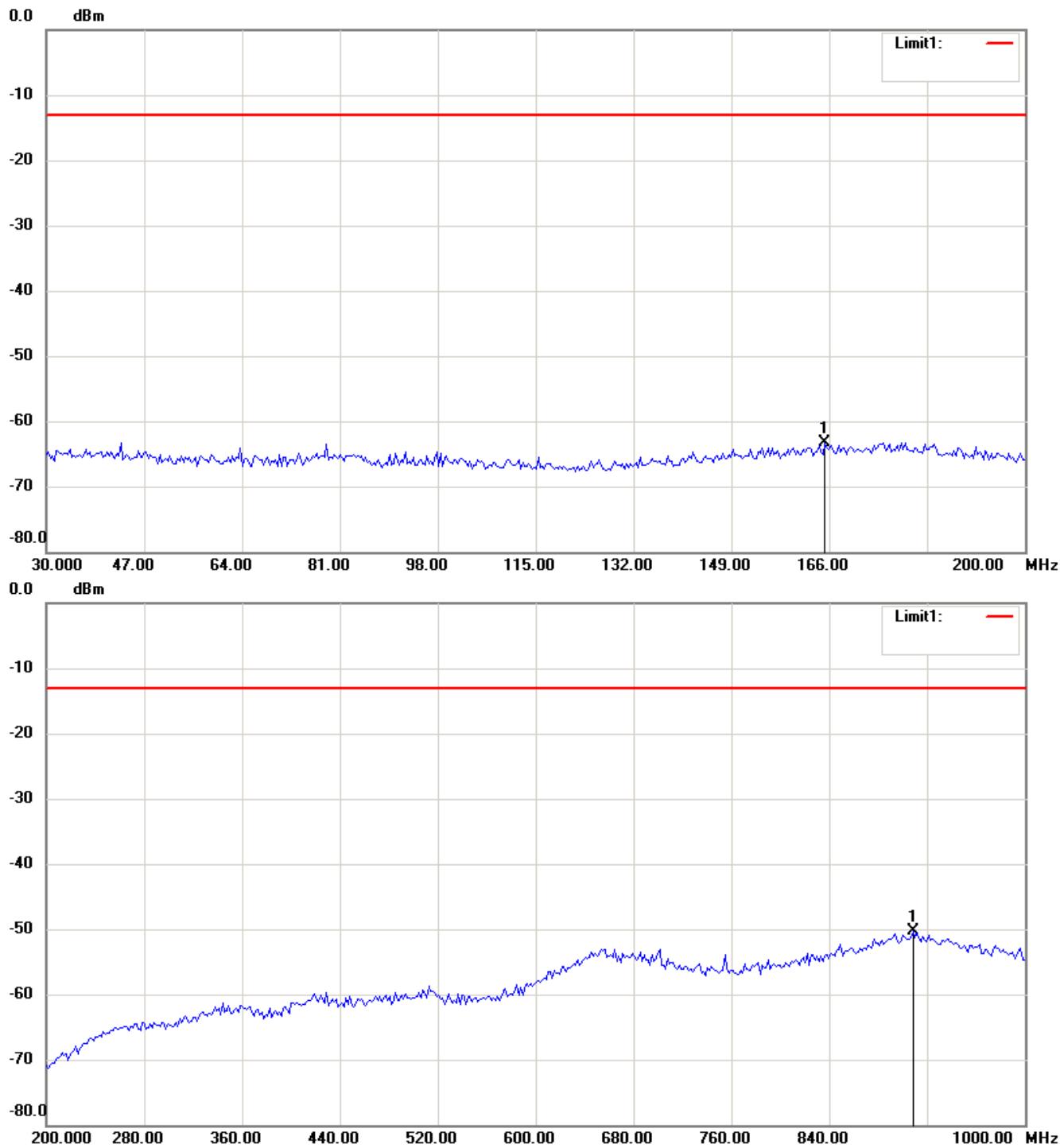
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Filed Strength of Spurious Emission

850 band\_ CH 128\_3.5 V

Antenna Polarization H



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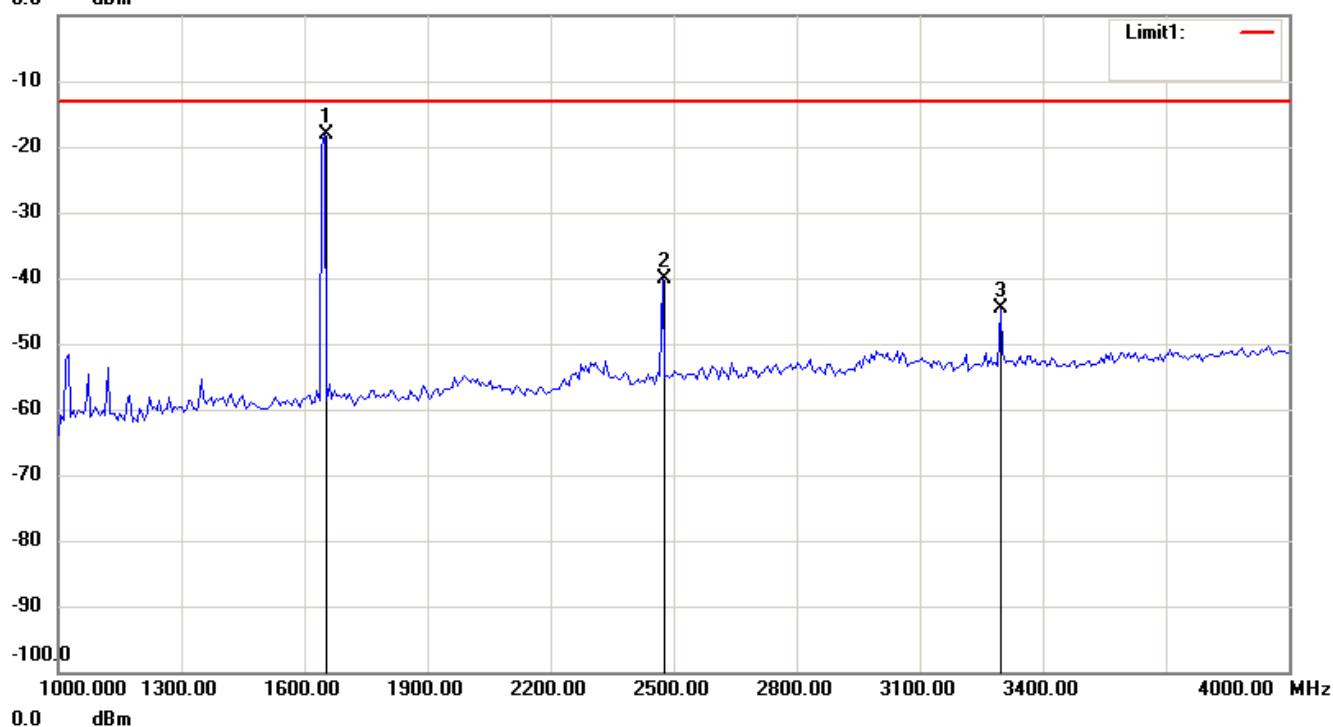


# Worldwide Testing Services(Taiwan) Co., Ltd.

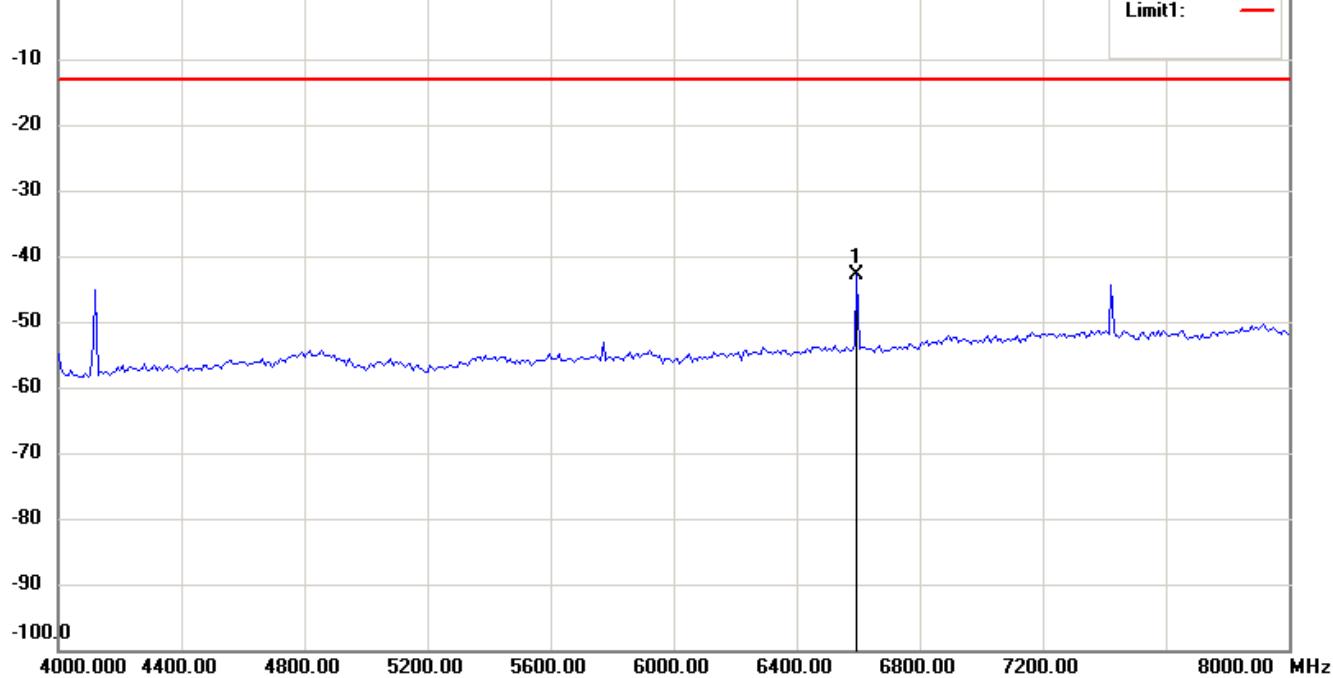
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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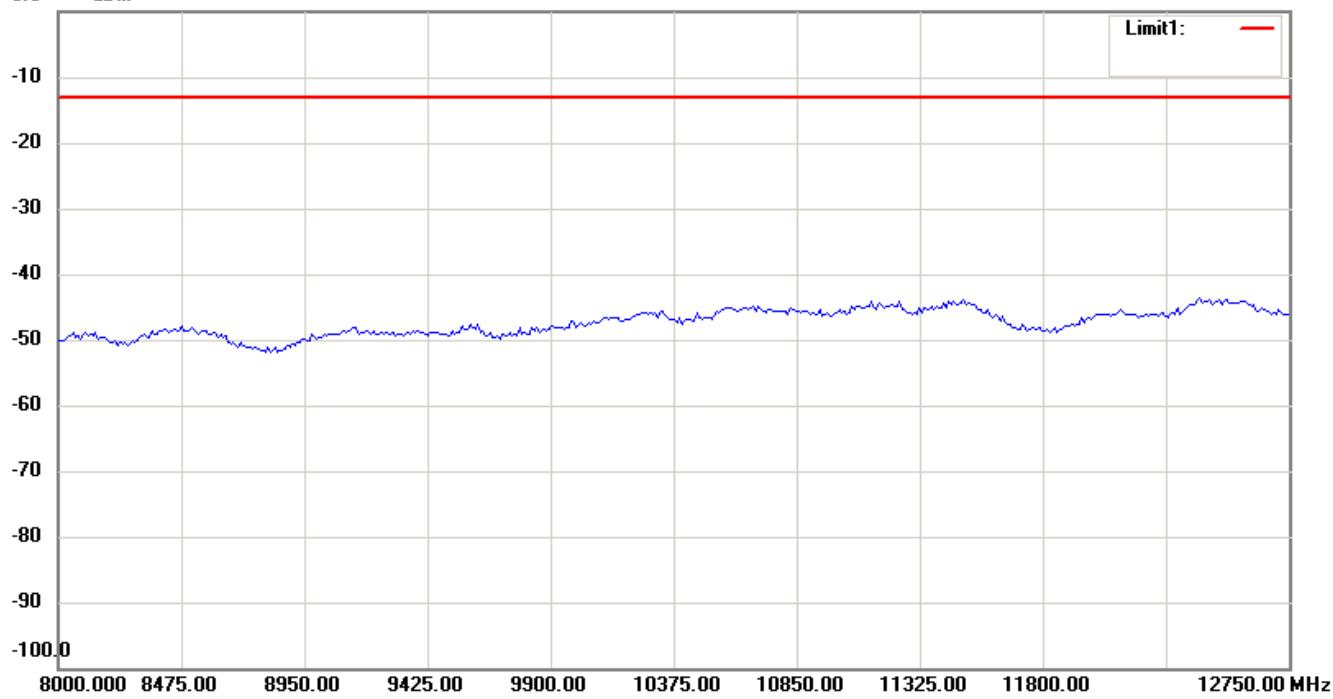


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

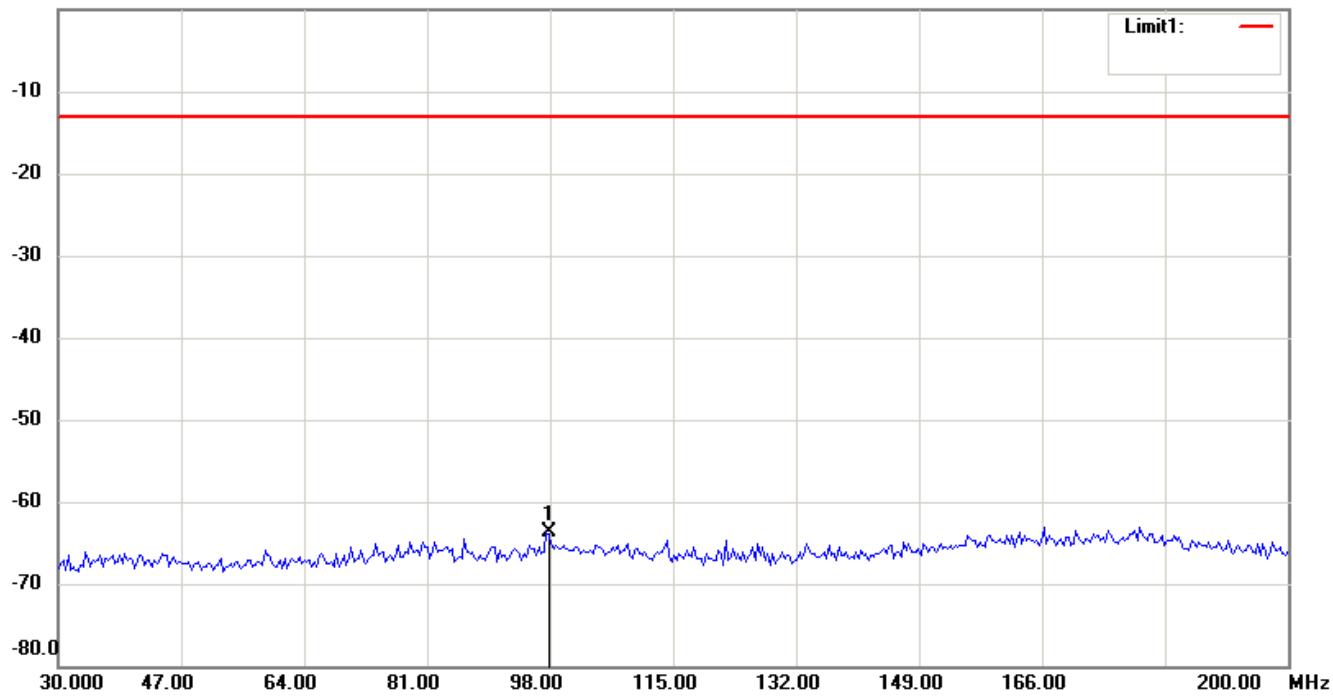
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



**Note:**

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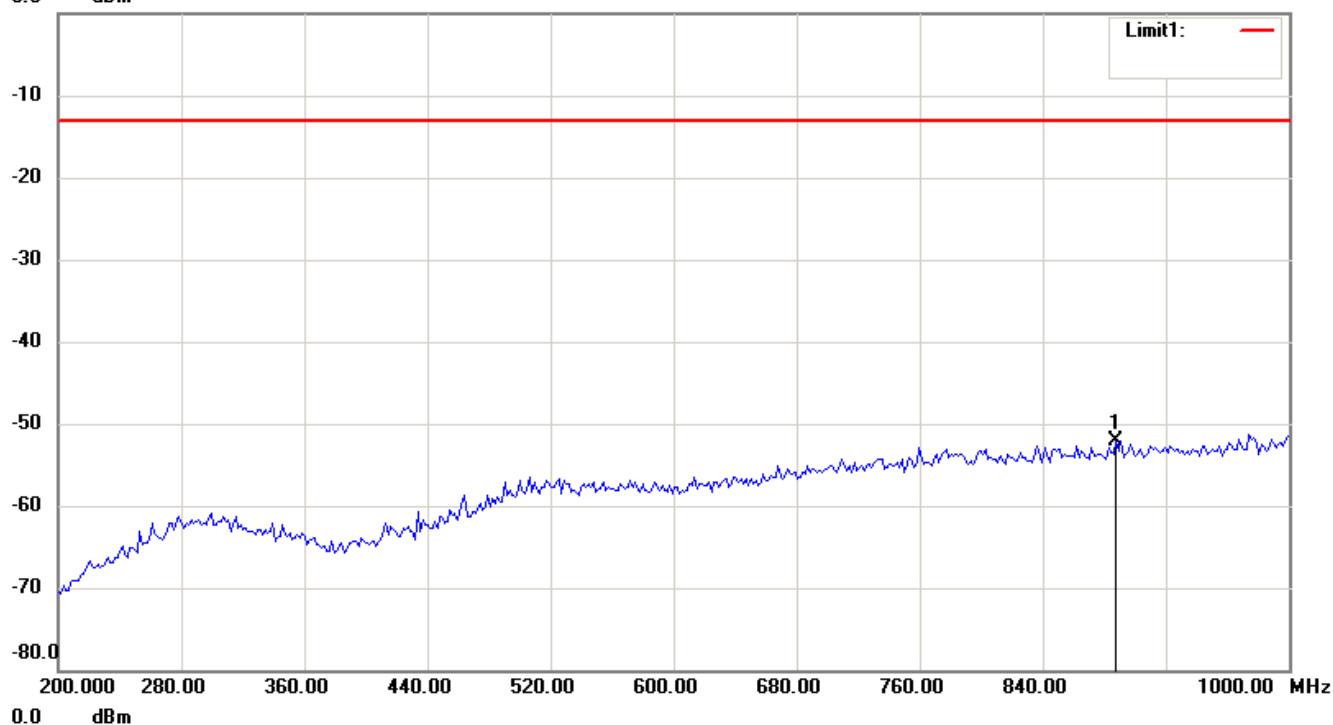


# Worldwide Testing Services(Taiwan) Co., Ltd.

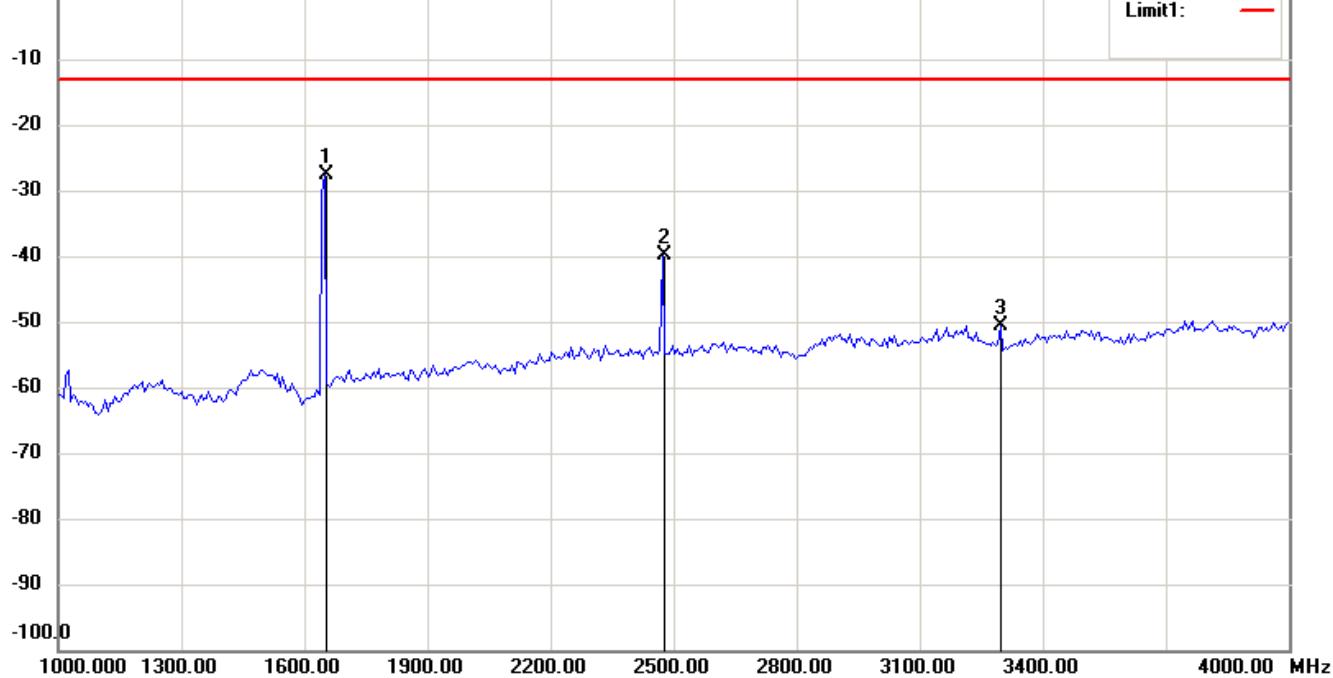
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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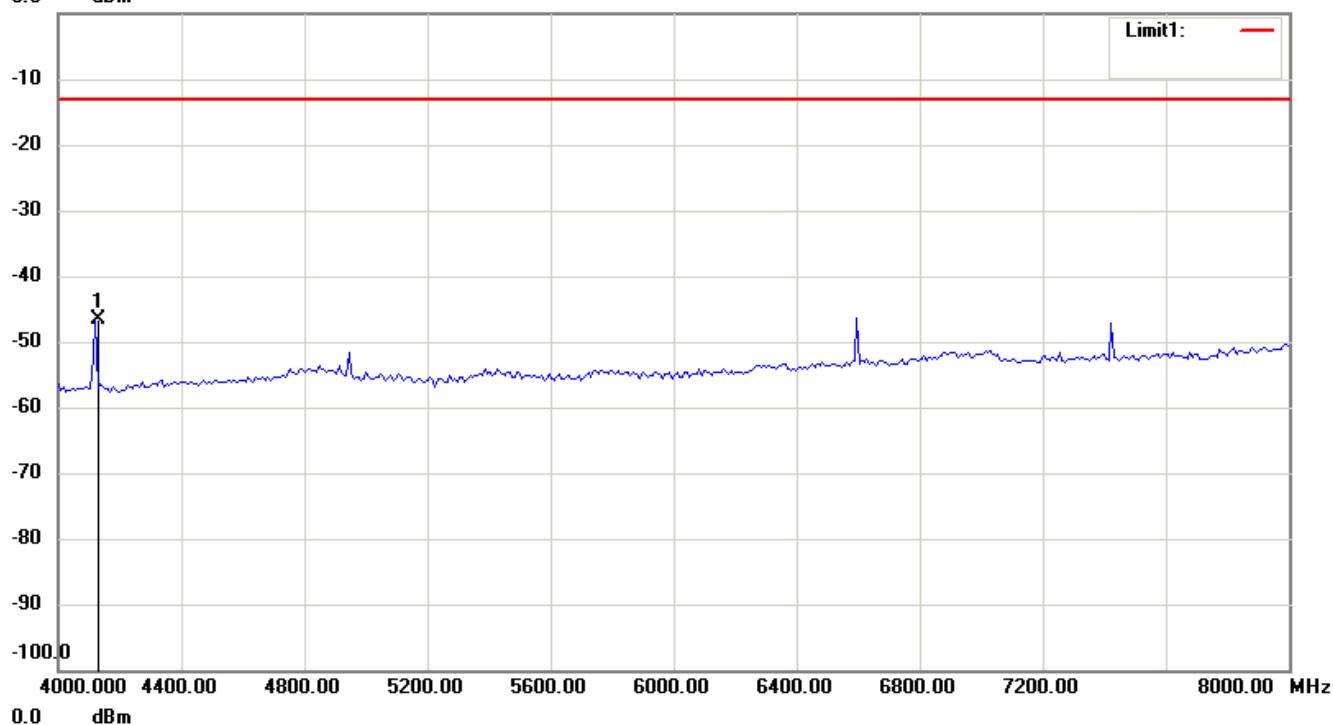


# Worldwide Testing Services(Taiwan) Co., Ltd.

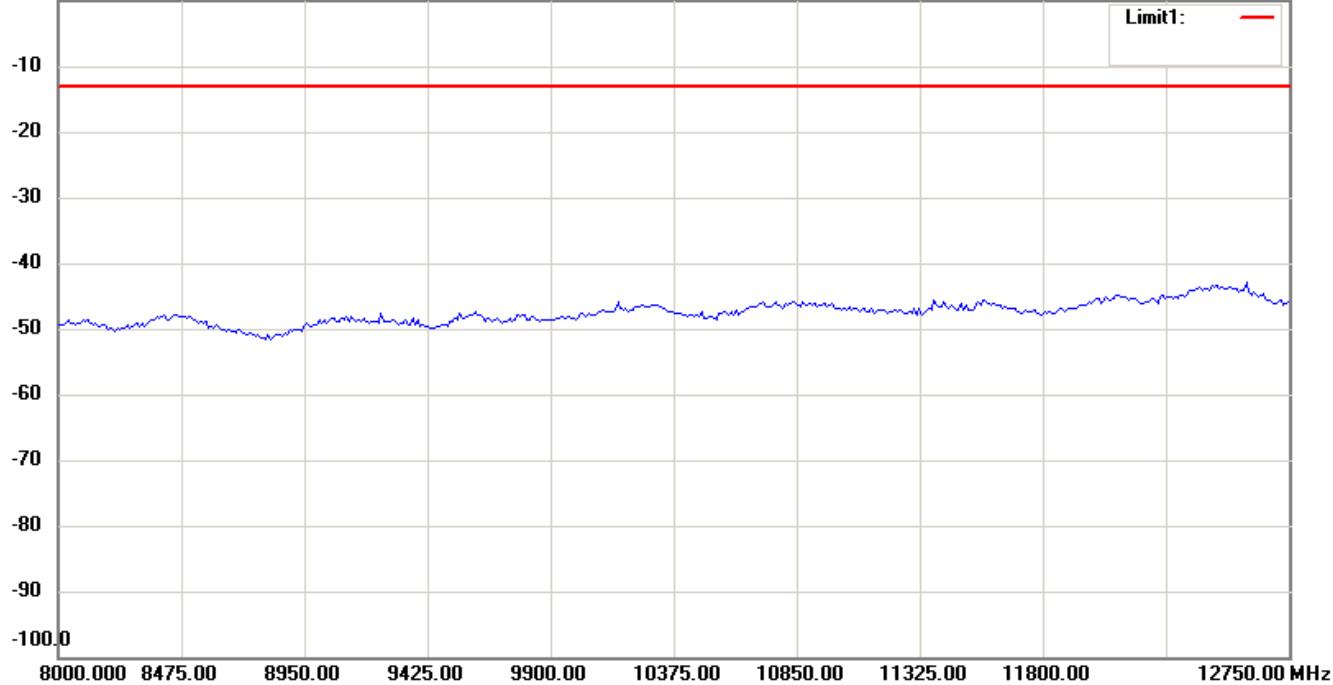
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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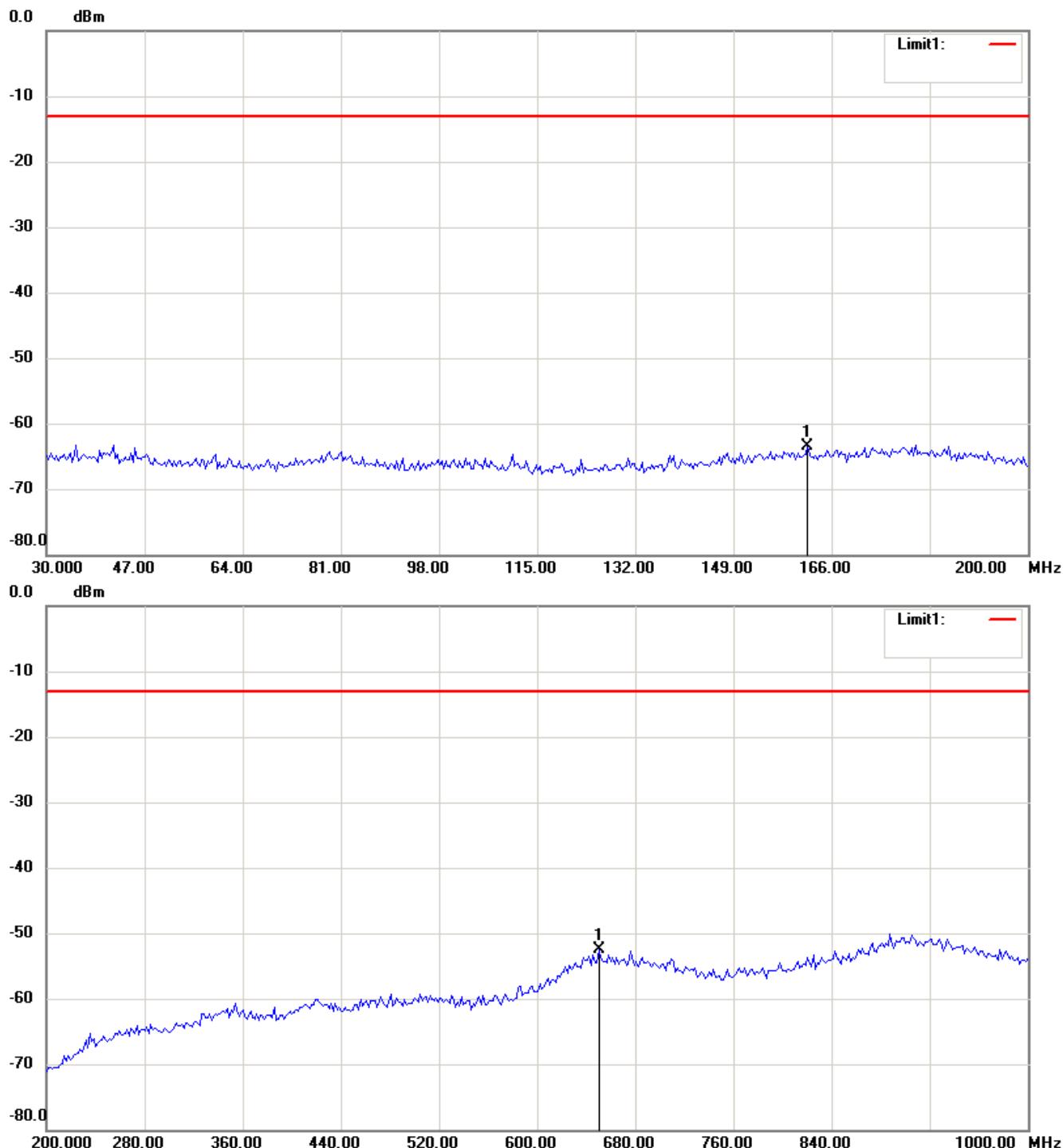
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

850 band\_CH 128\_4.07 V

Antenna Polarization H



**Note:**

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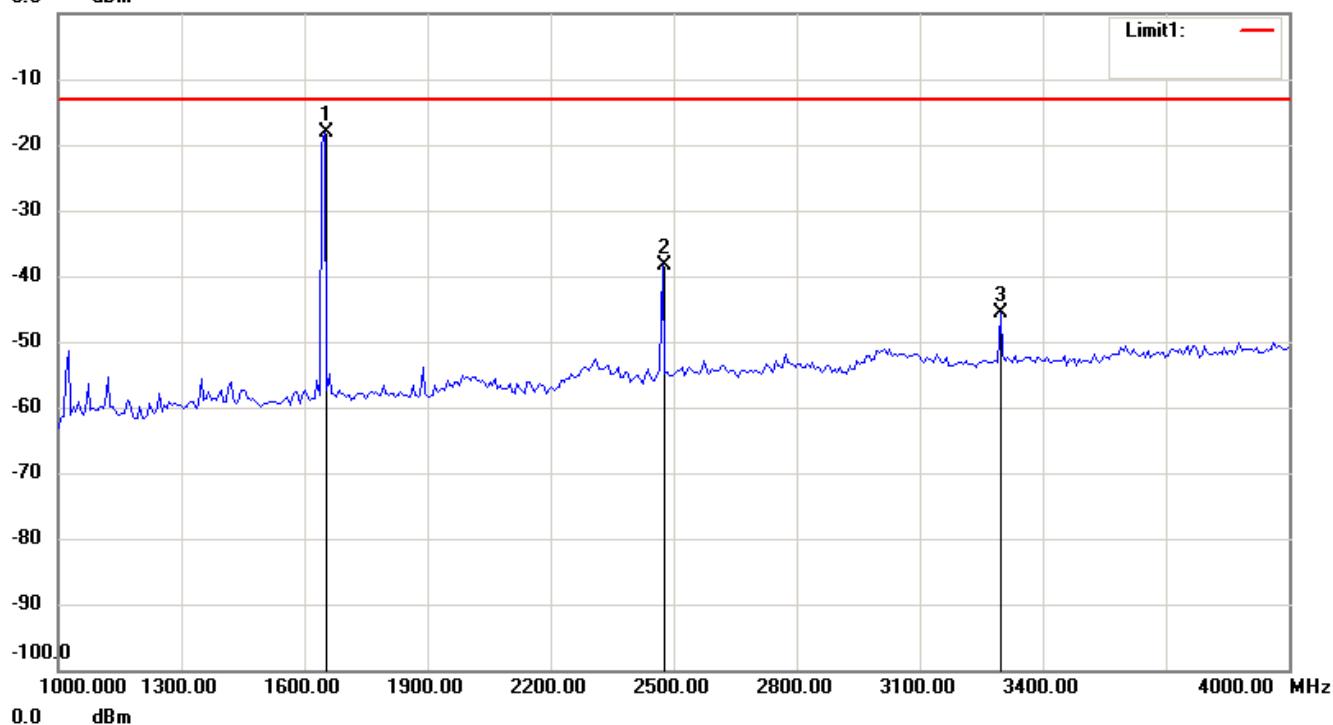


# Worldwide Testing Services(Taiwan) Co., Ltd.

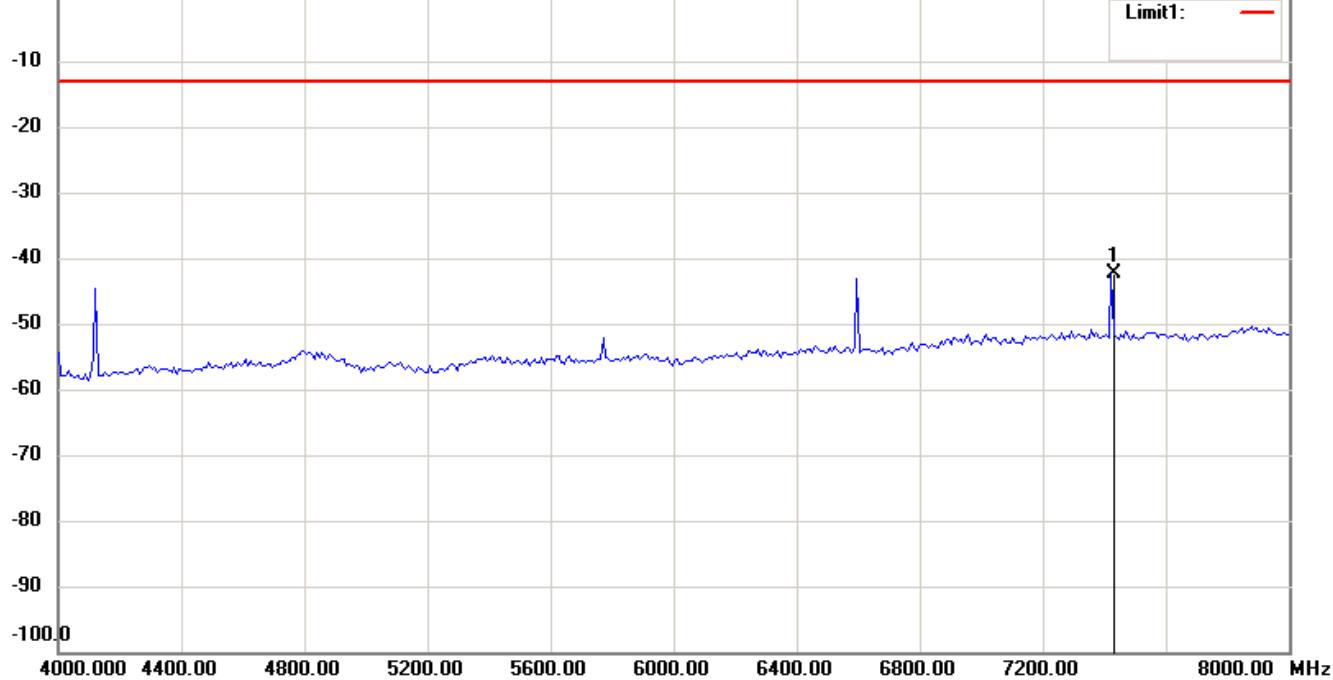
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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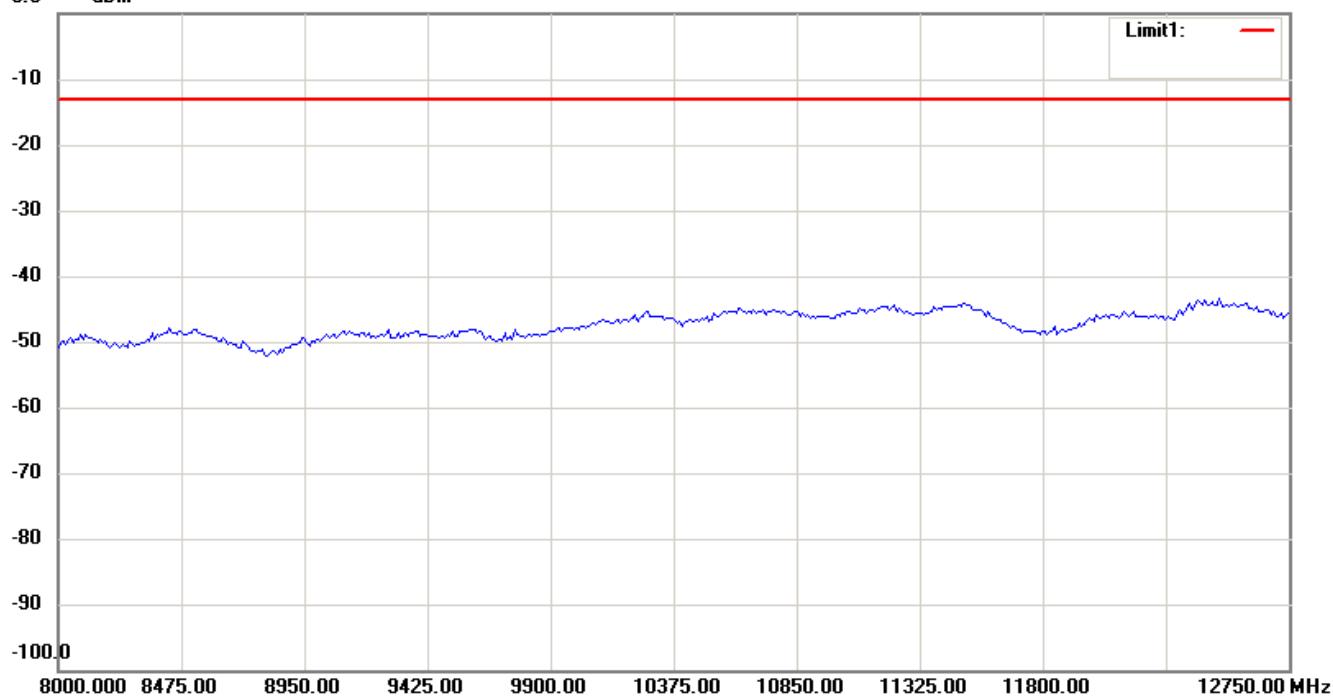


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

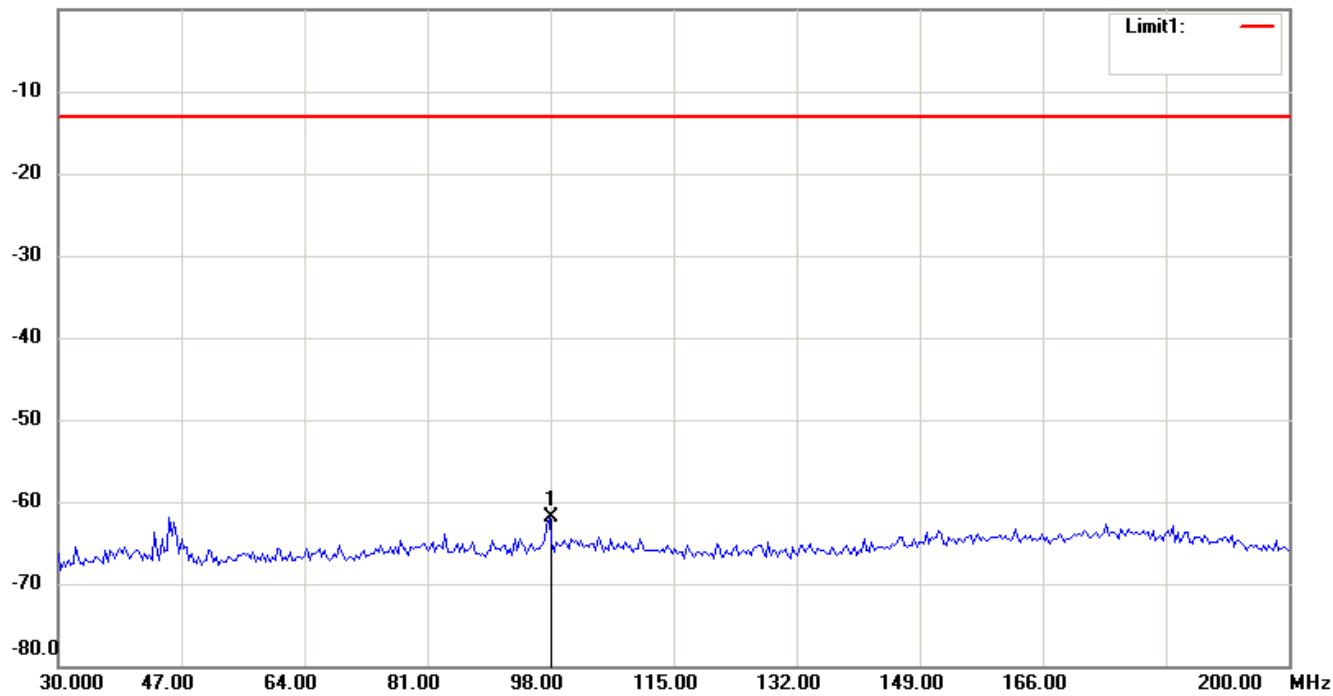
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



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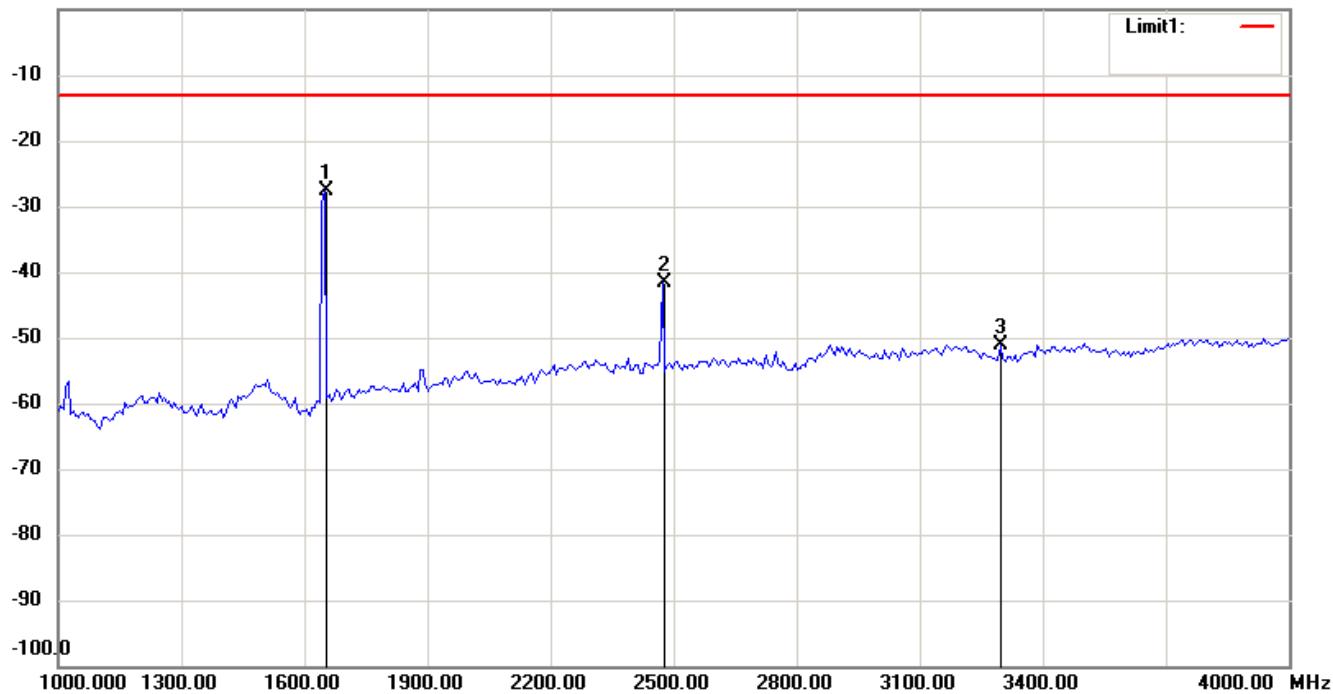
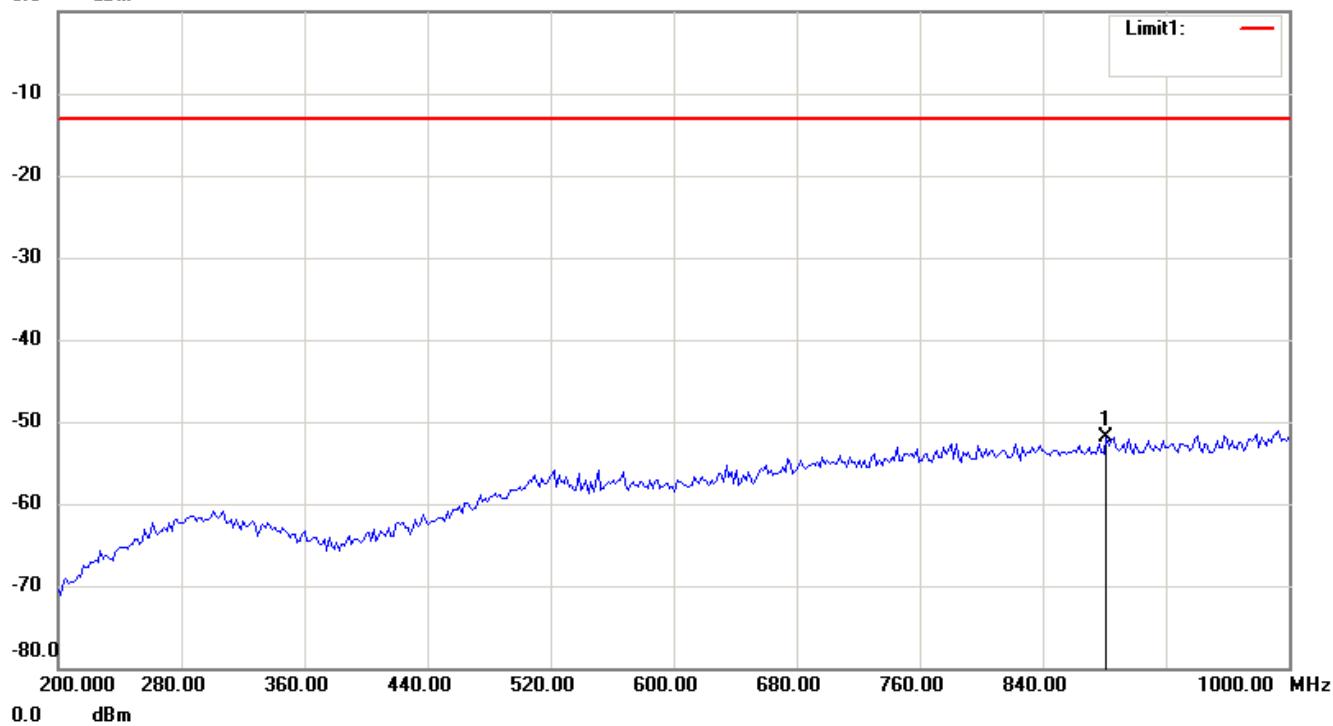


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



**Note:**

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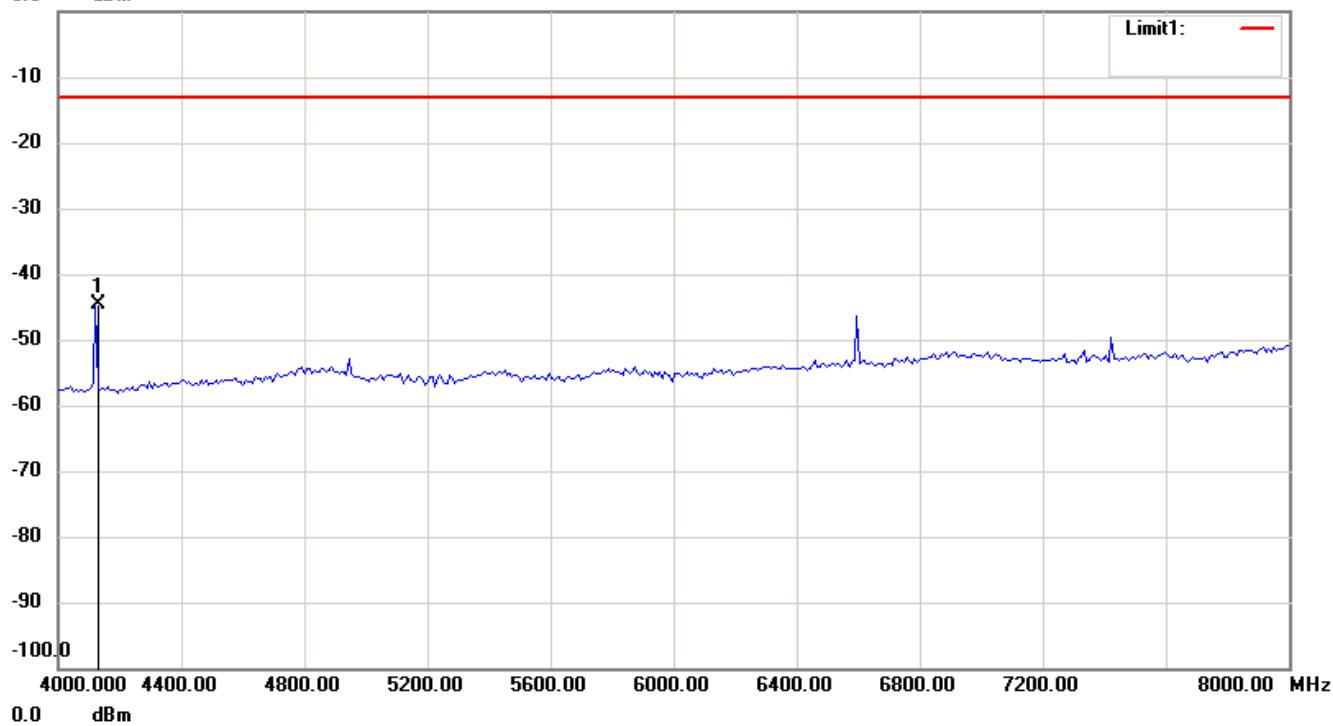


# Worldwide Testing Services(Taiwan) Co., Ltd.

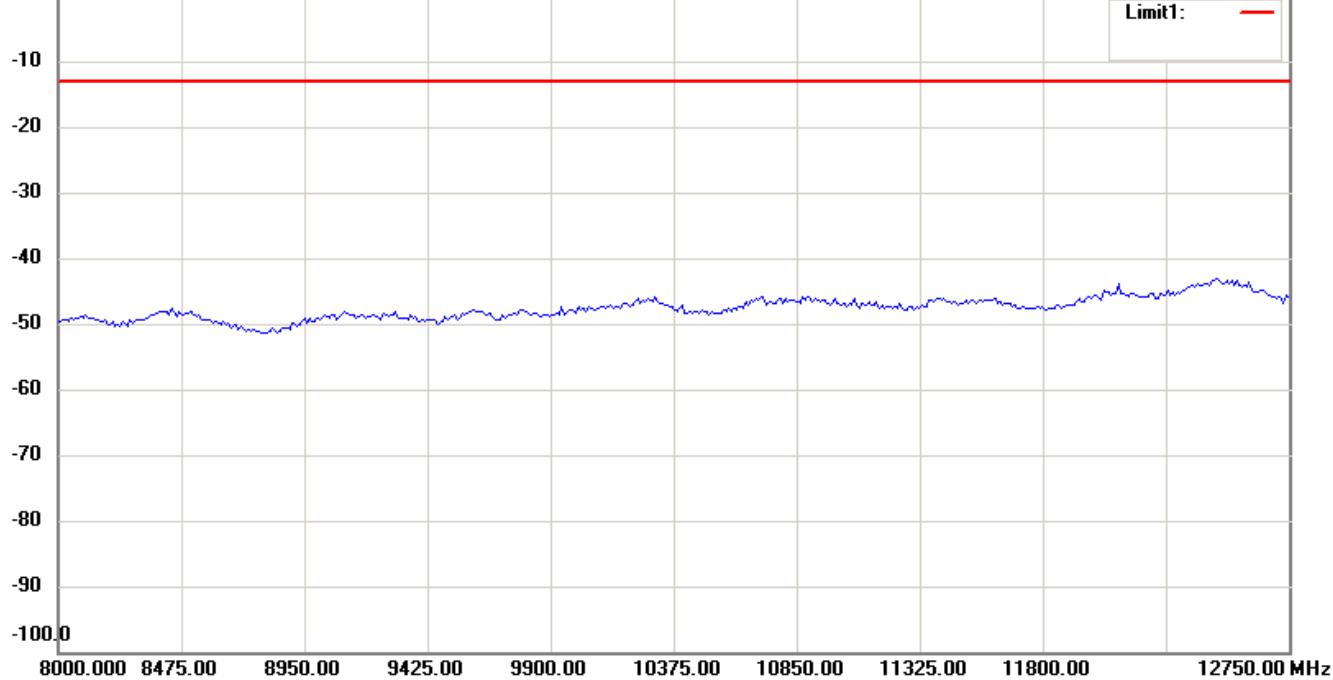
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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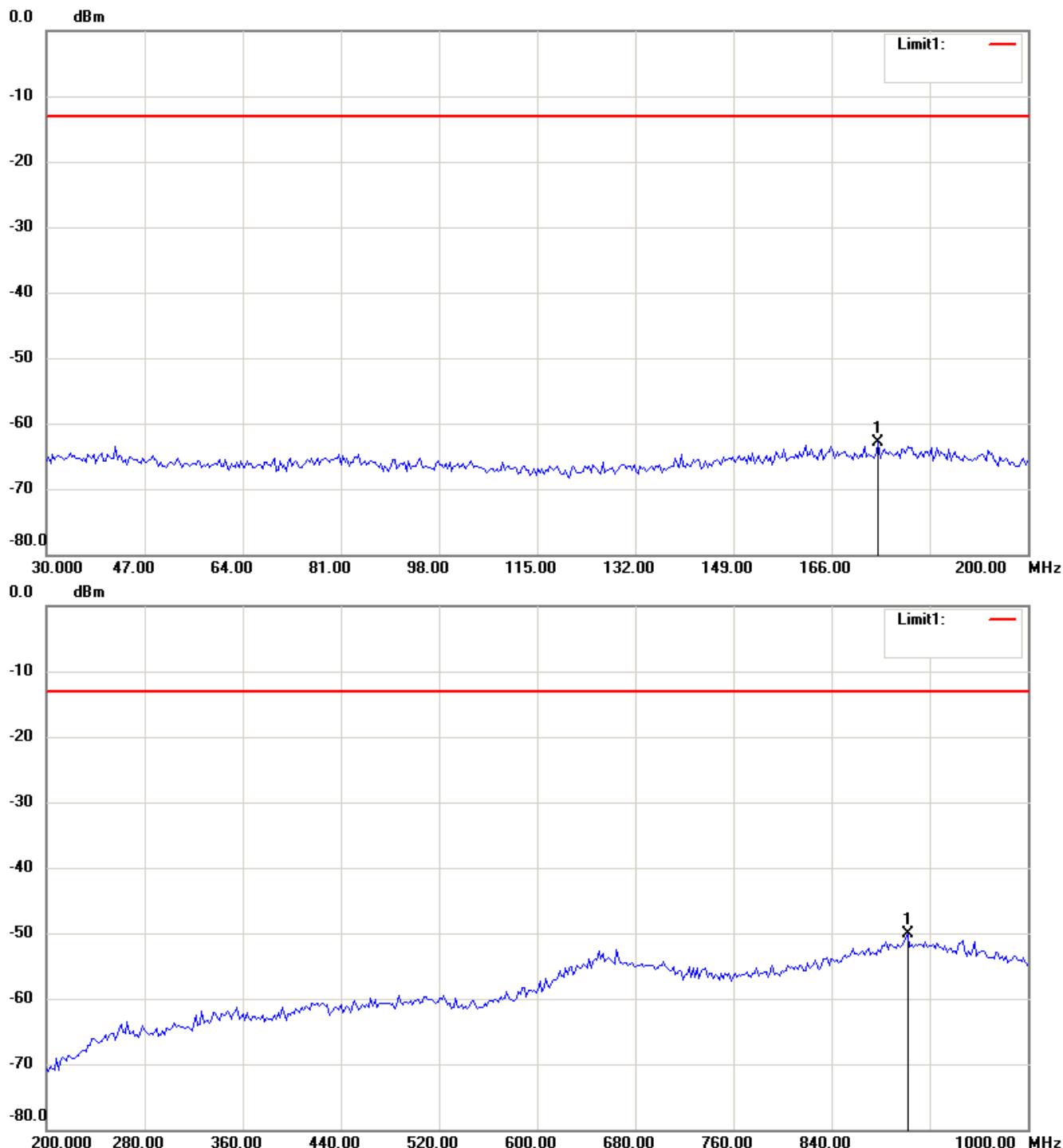
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

850 band\_CH 188\_3.5 V

Antenna Polarization H



**Note:**

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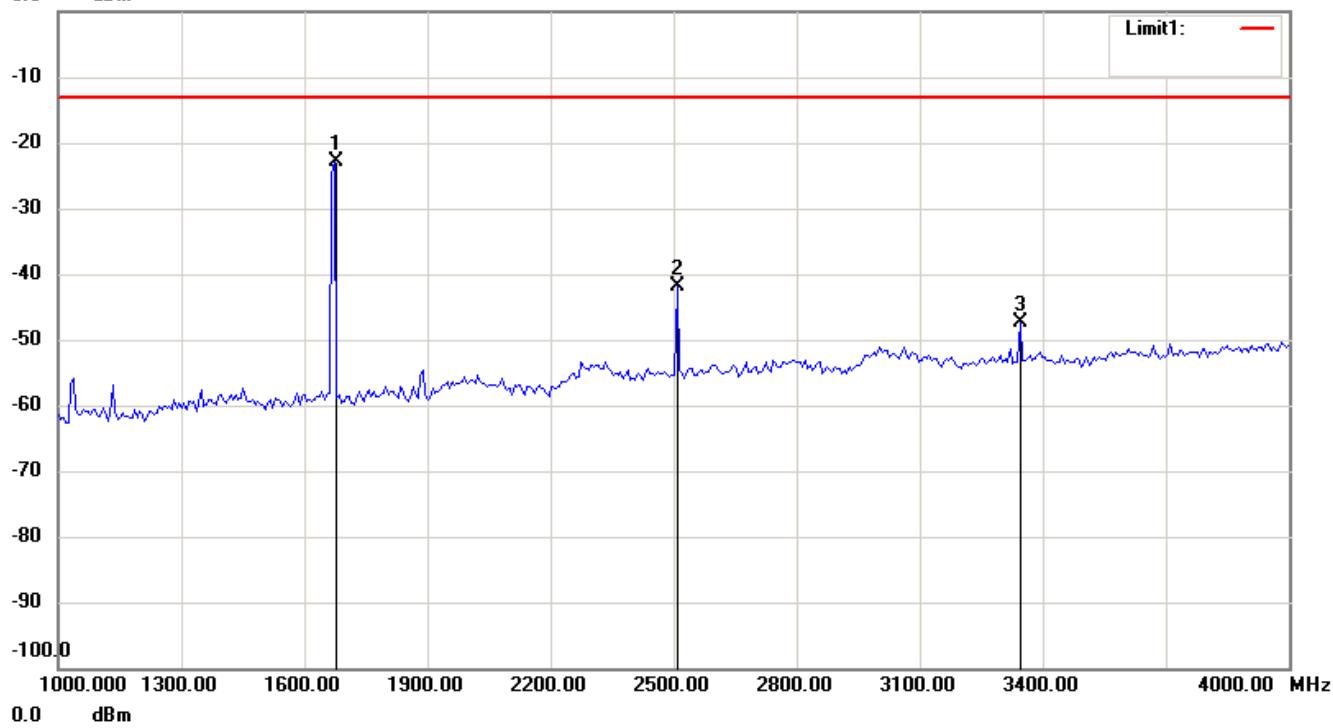


# Worldwide Testing Services(Taiwan) Co., Ltd.

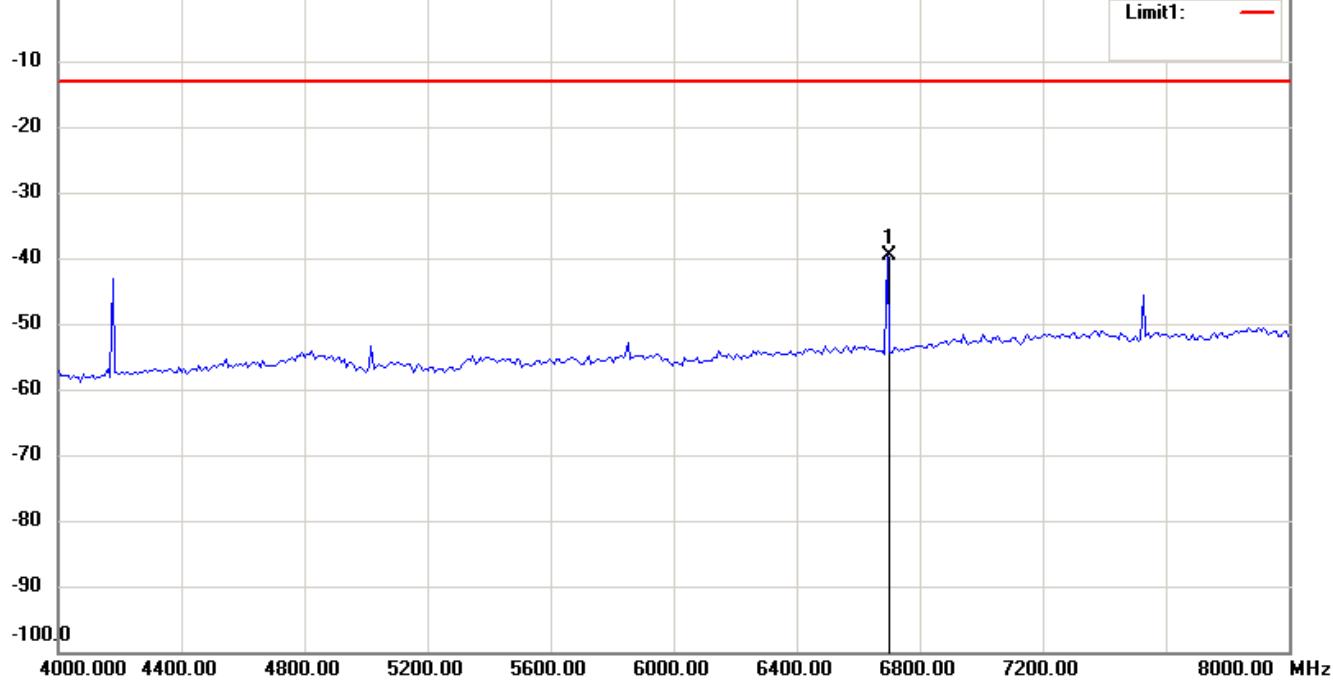
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm

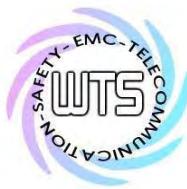


0.0 dBm



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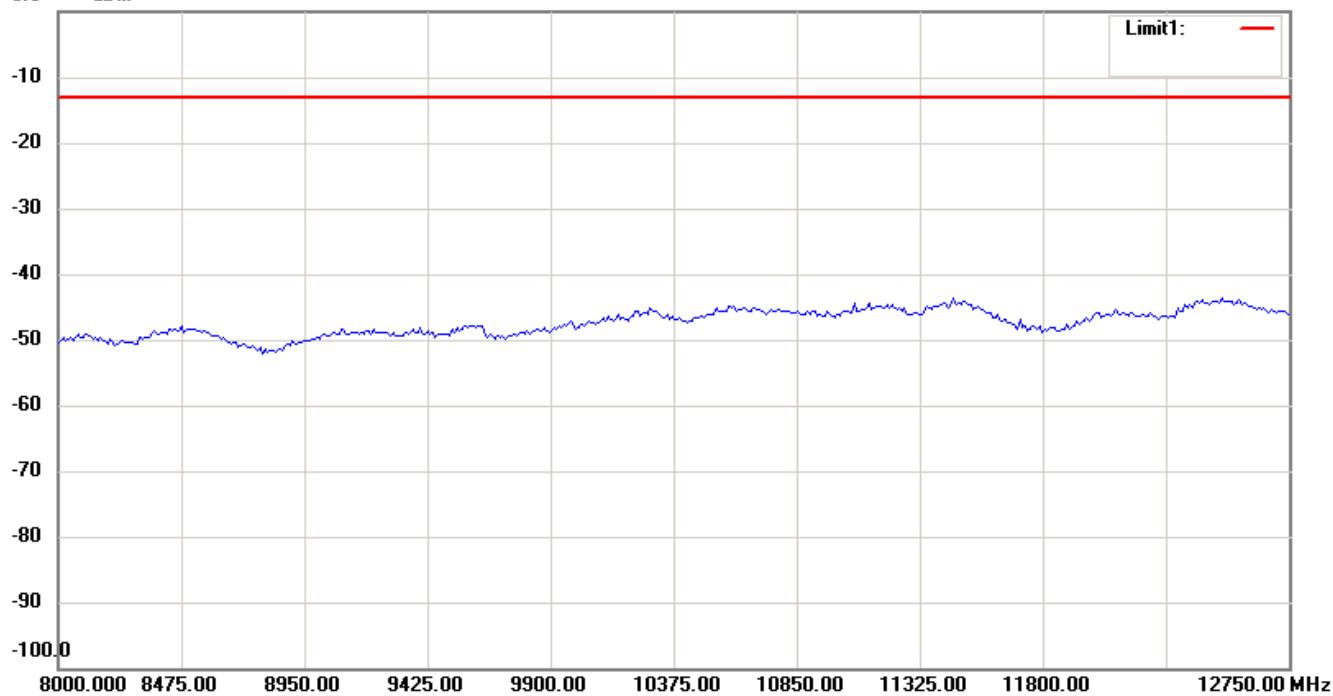


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

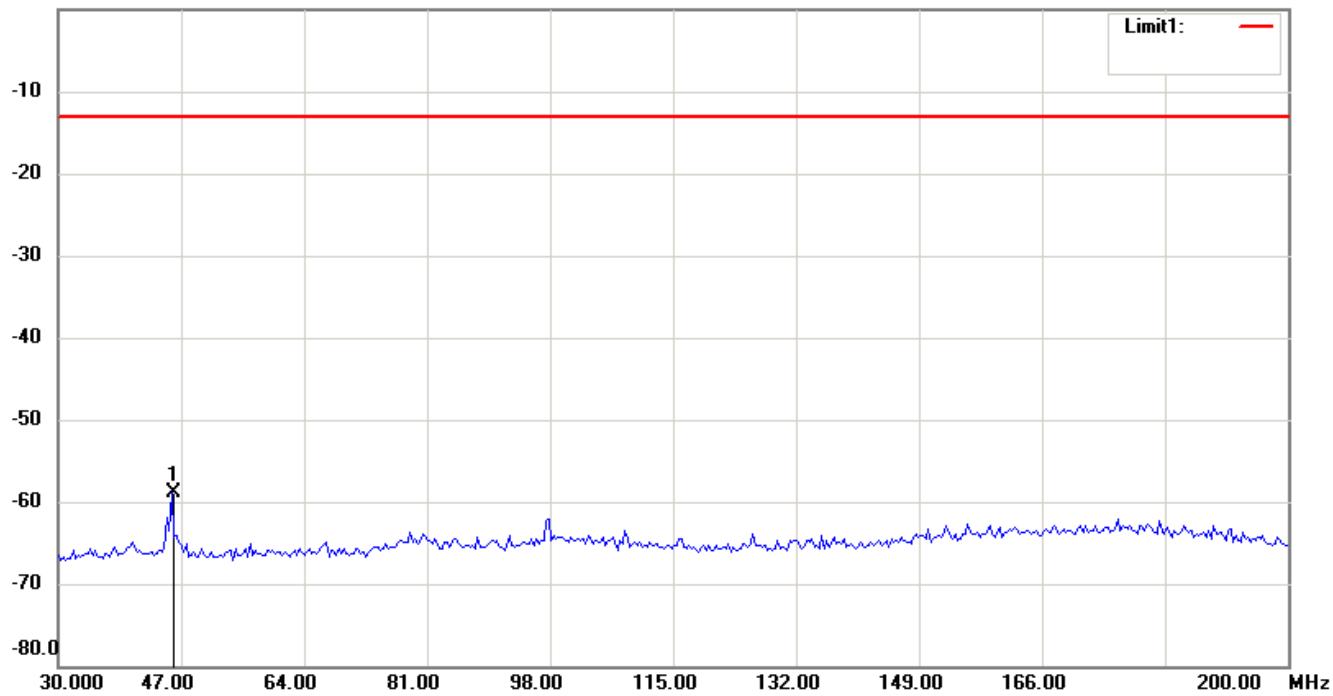
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



**Note:**

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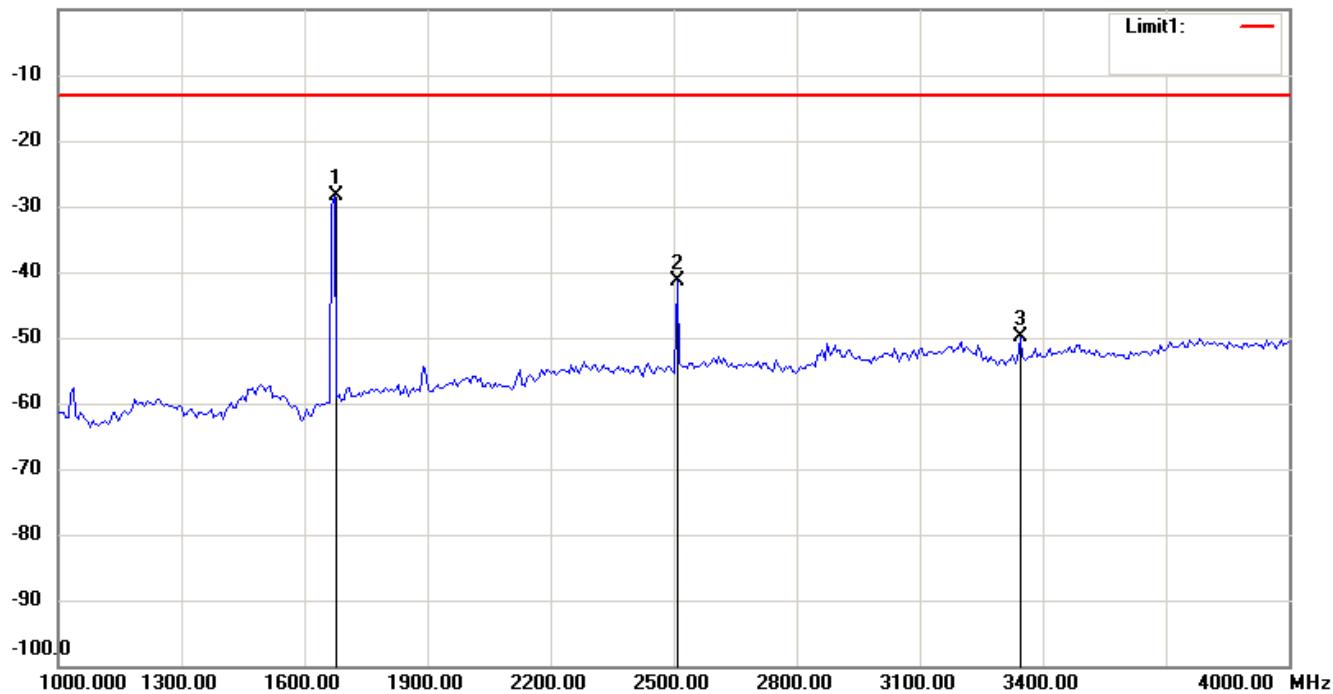
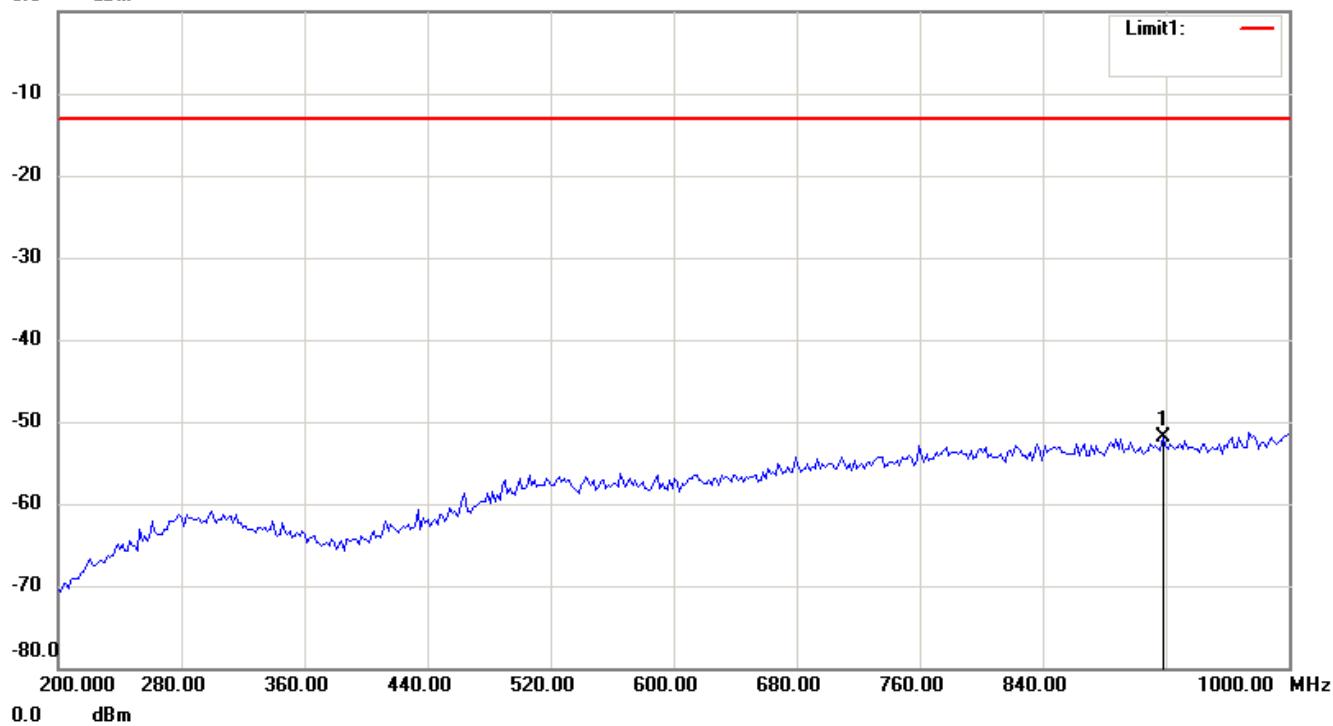


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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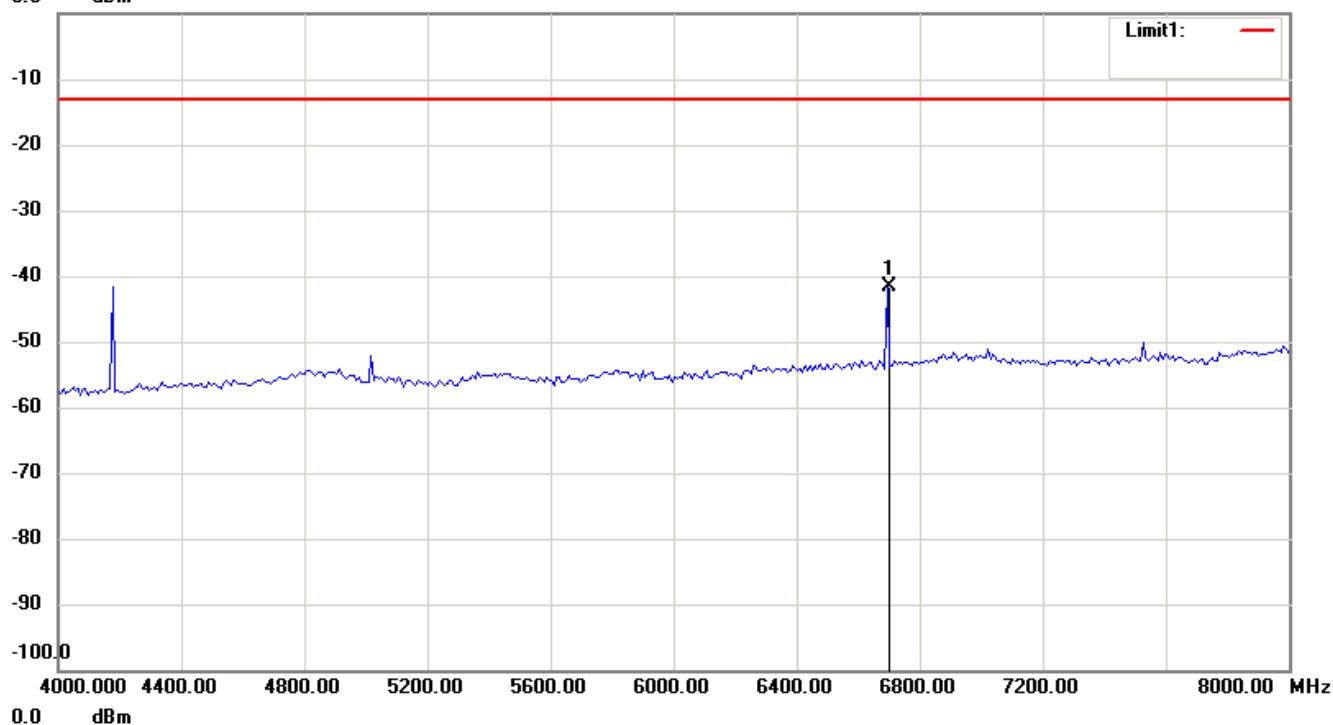


# Worldwide Testing Services(Taiwan) Co., Ltd.

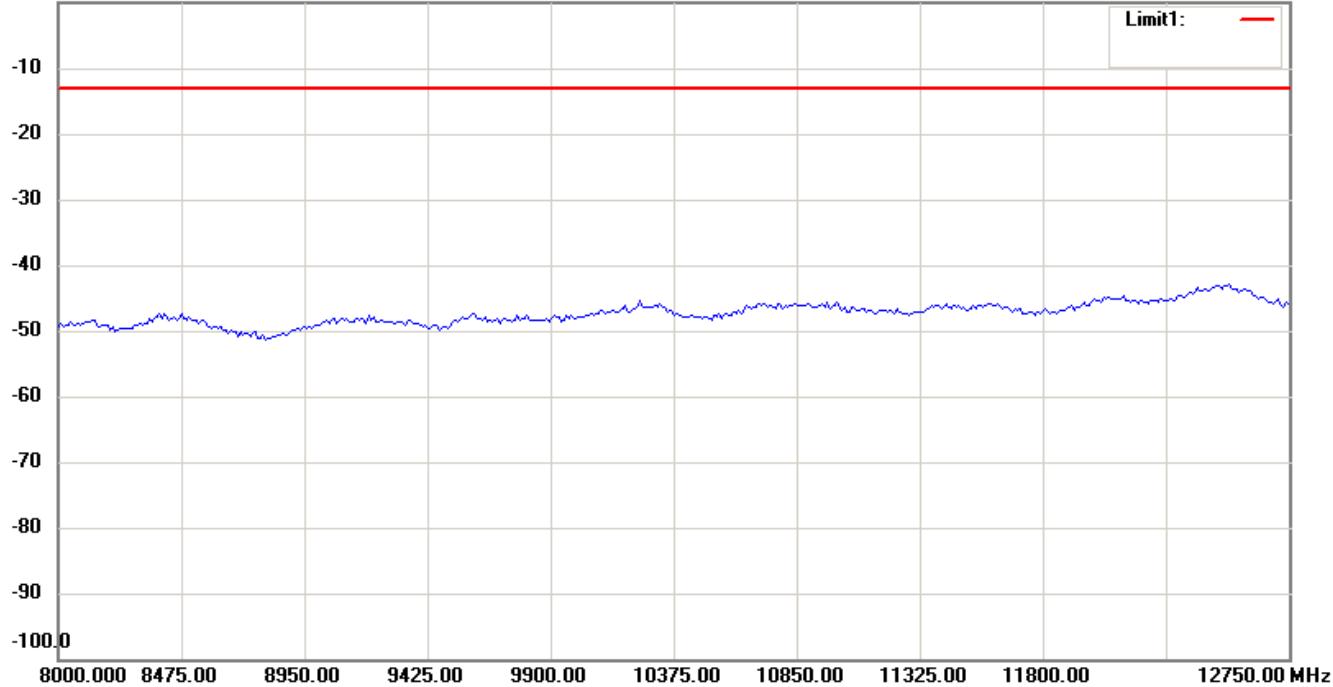
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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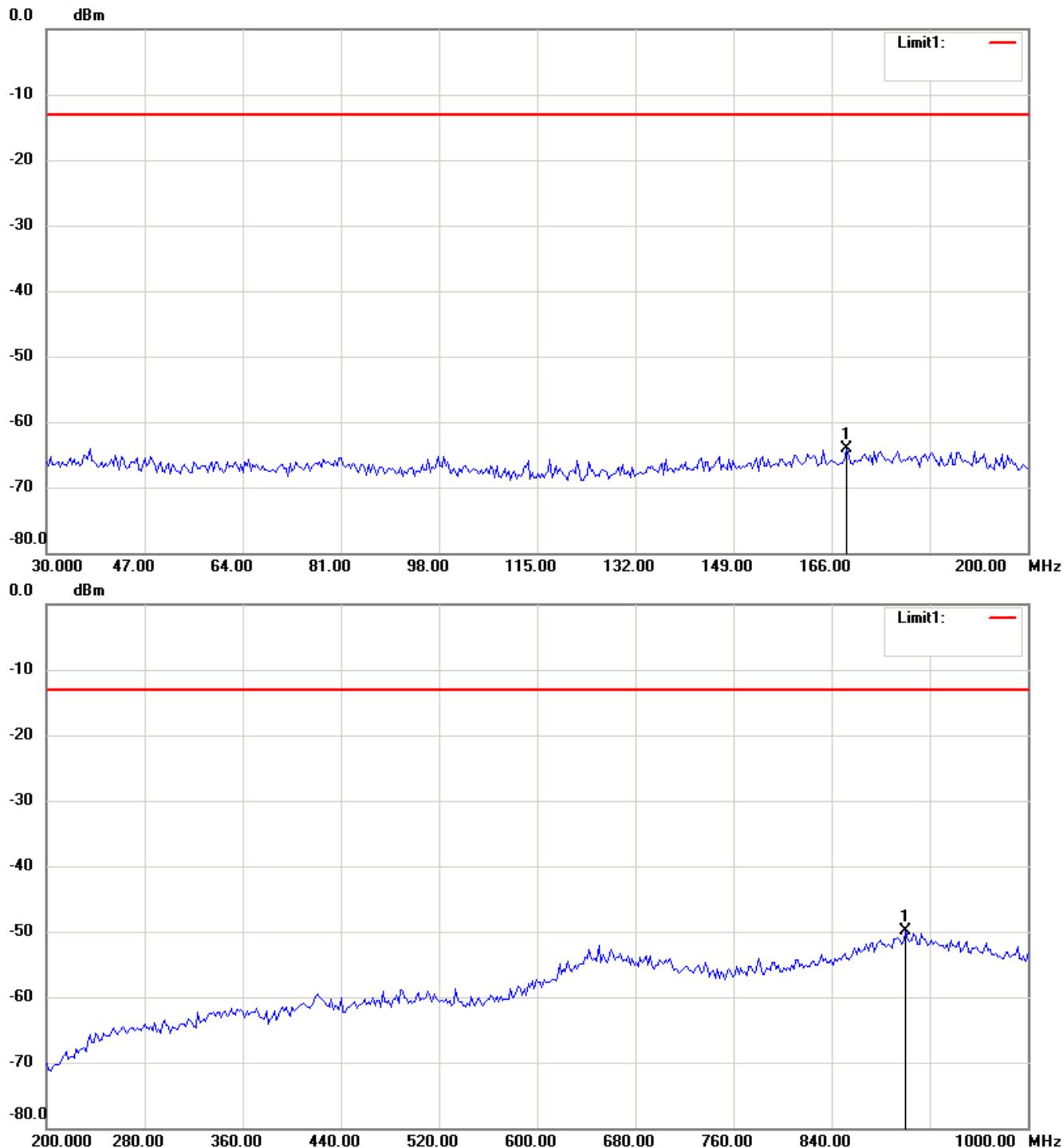
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

850 band\_CH 188\_4.07 V

Antenna Polarization H



**Note:**

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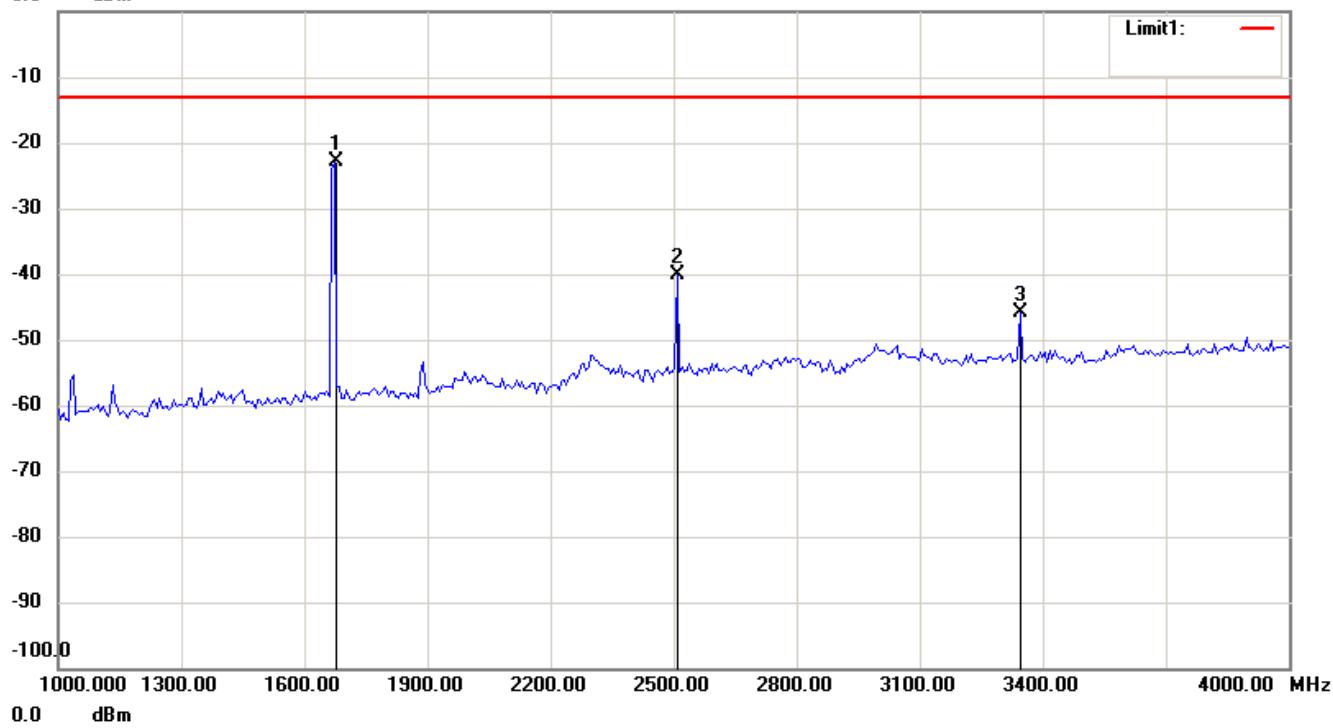


# Worldwide Testing Services(Taiwan) Co., Ltd.

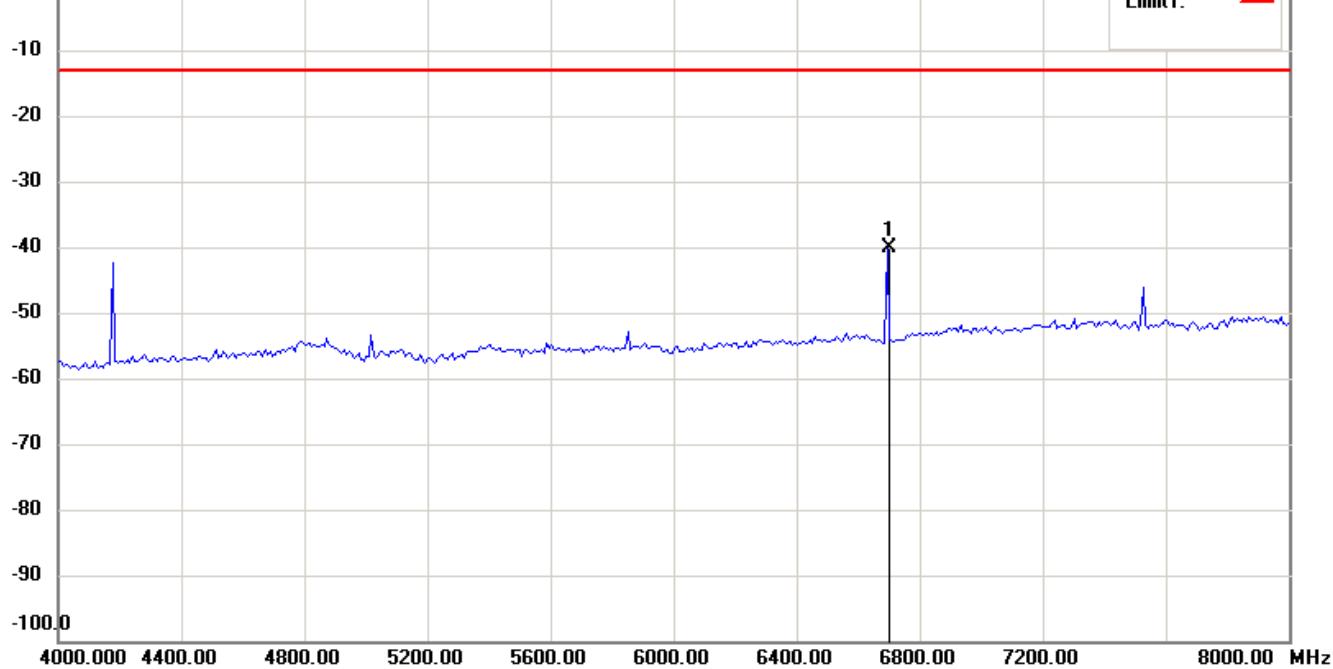
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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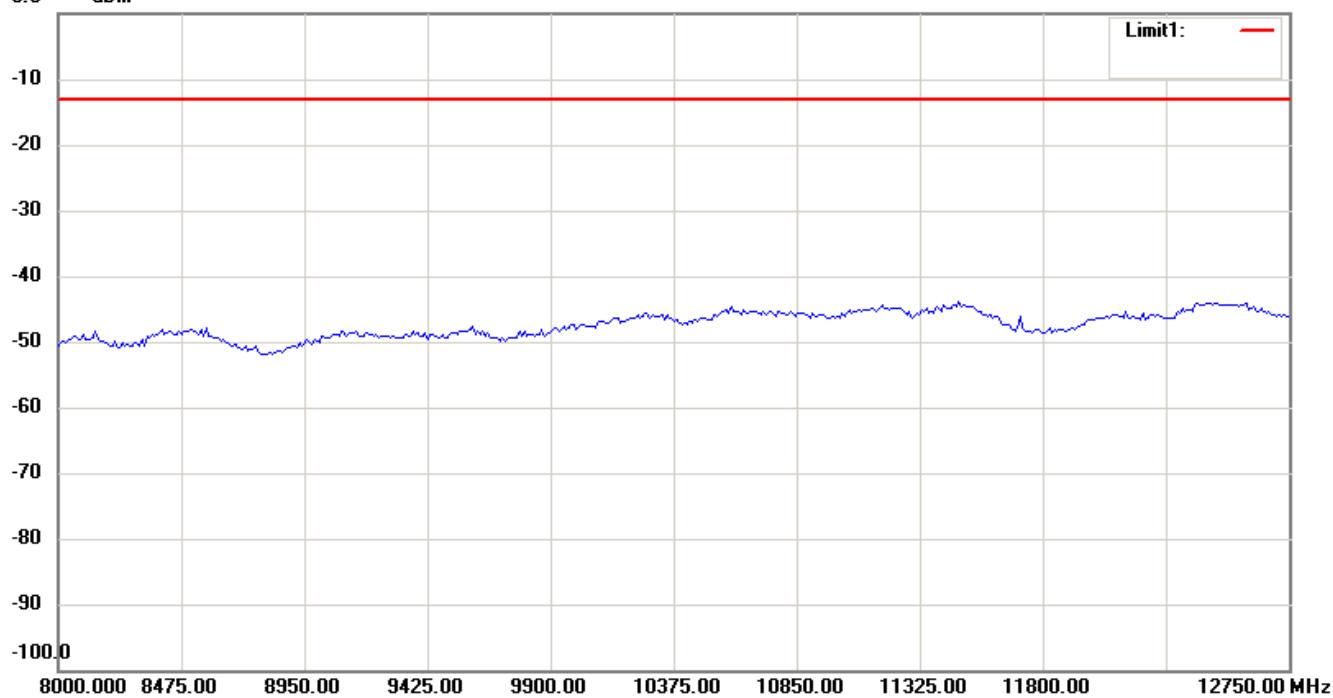


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

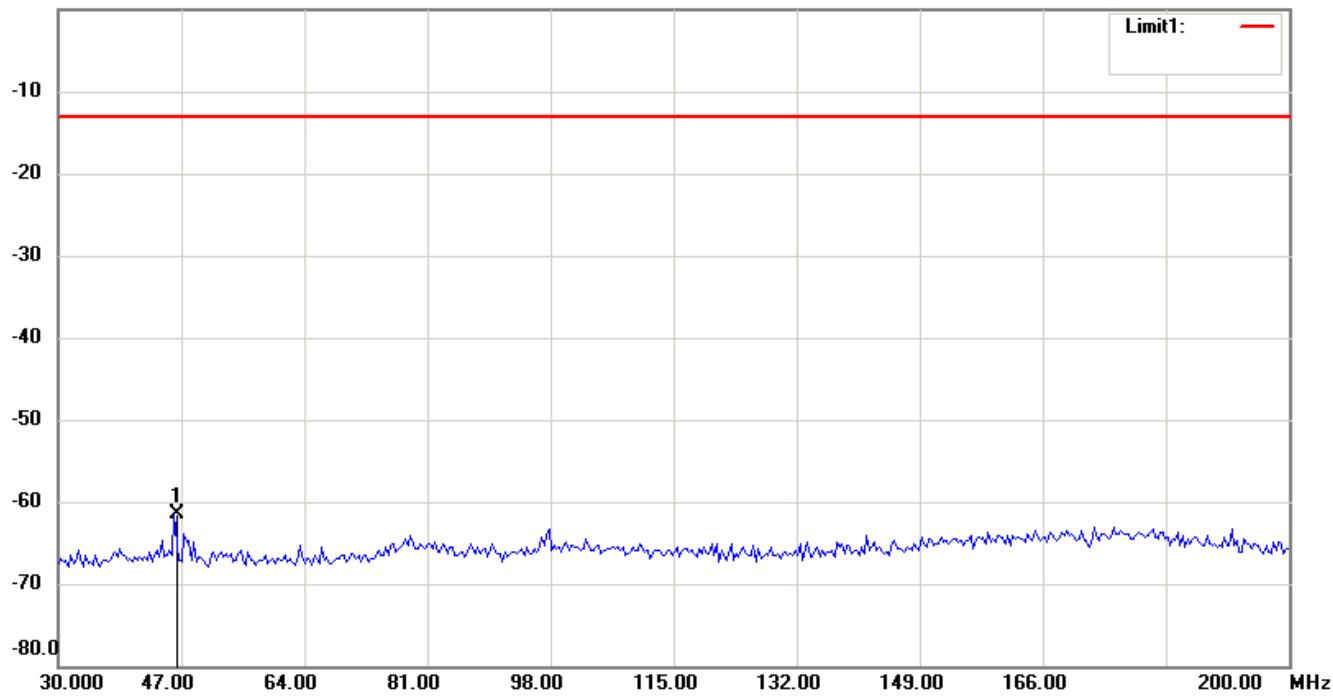
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



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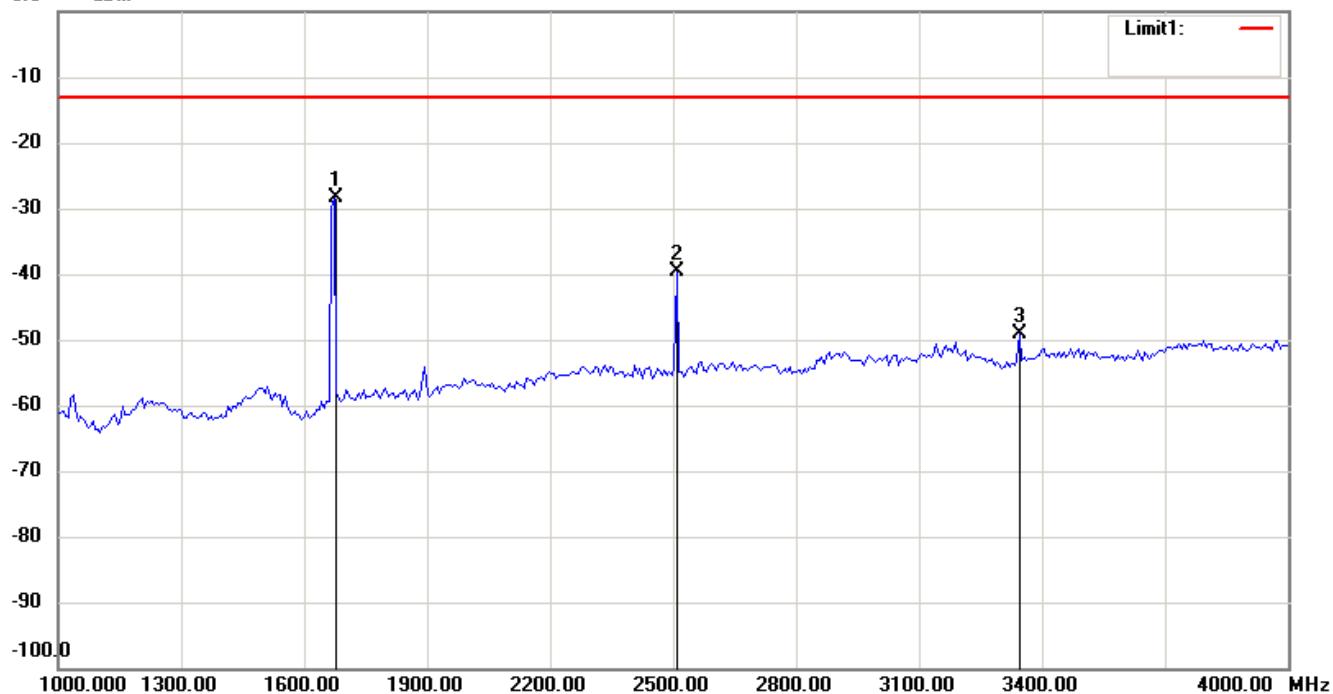
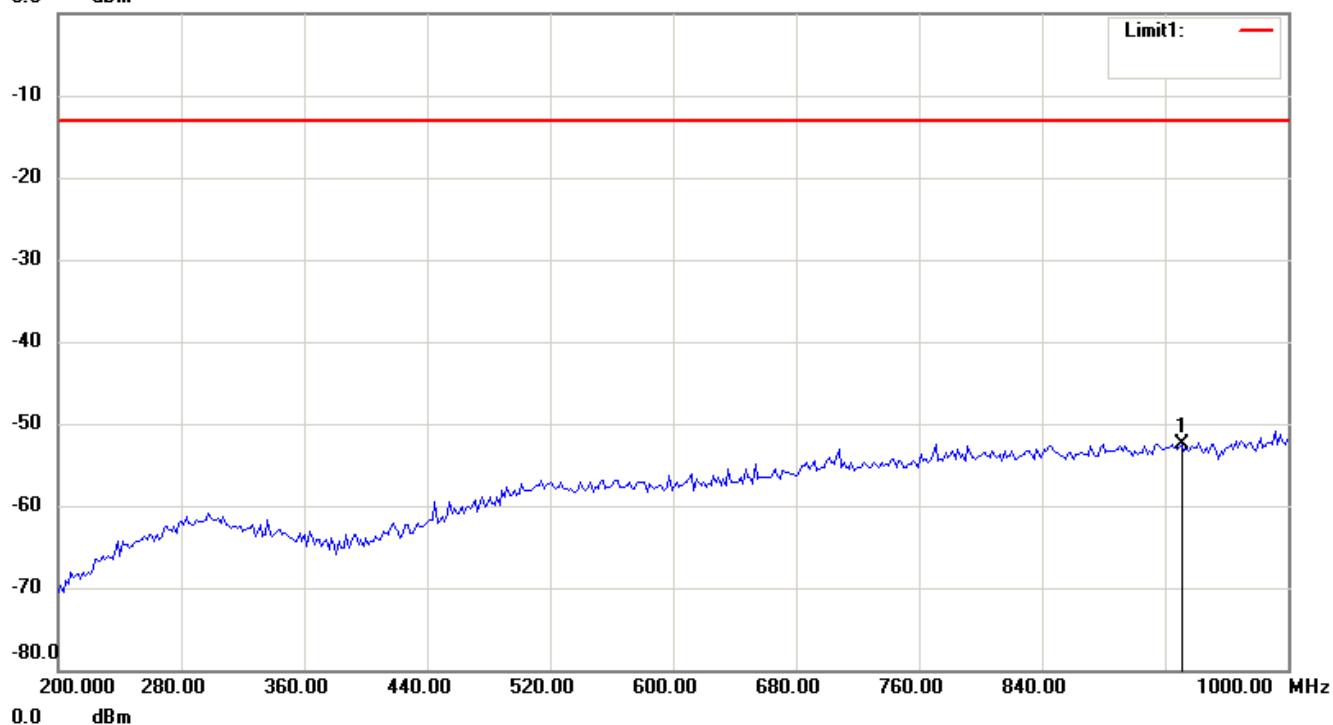


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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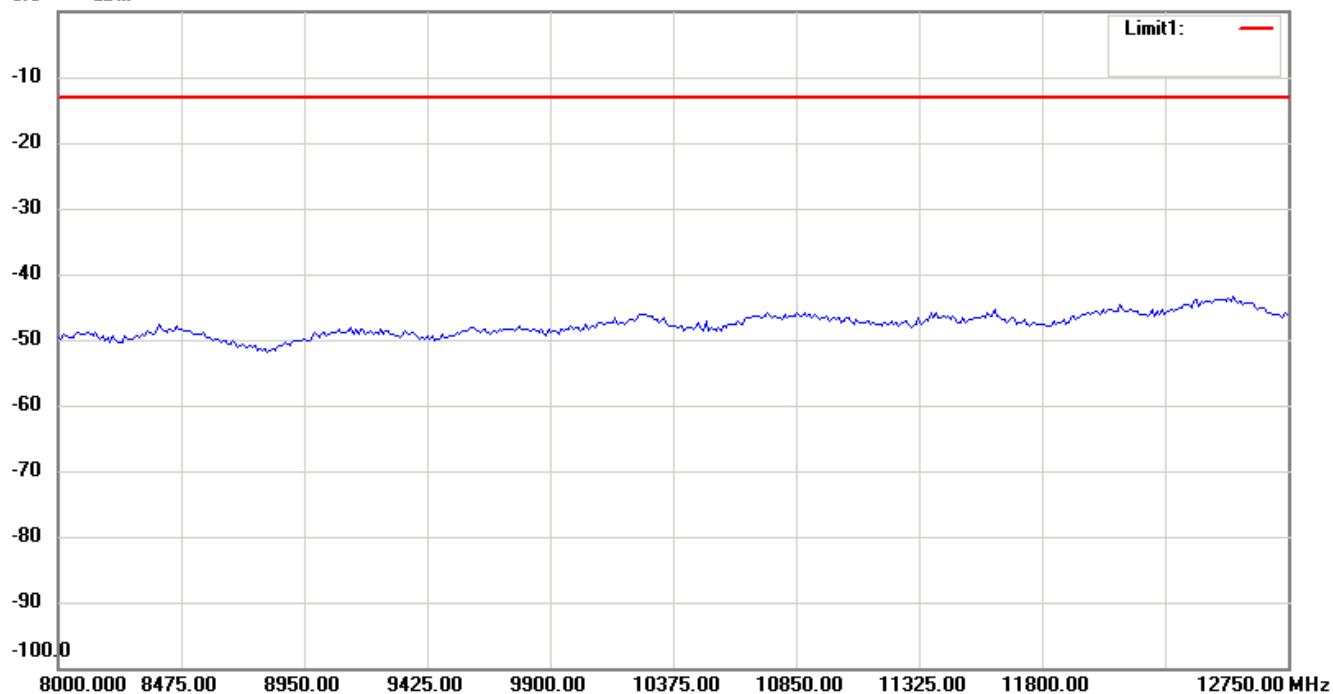
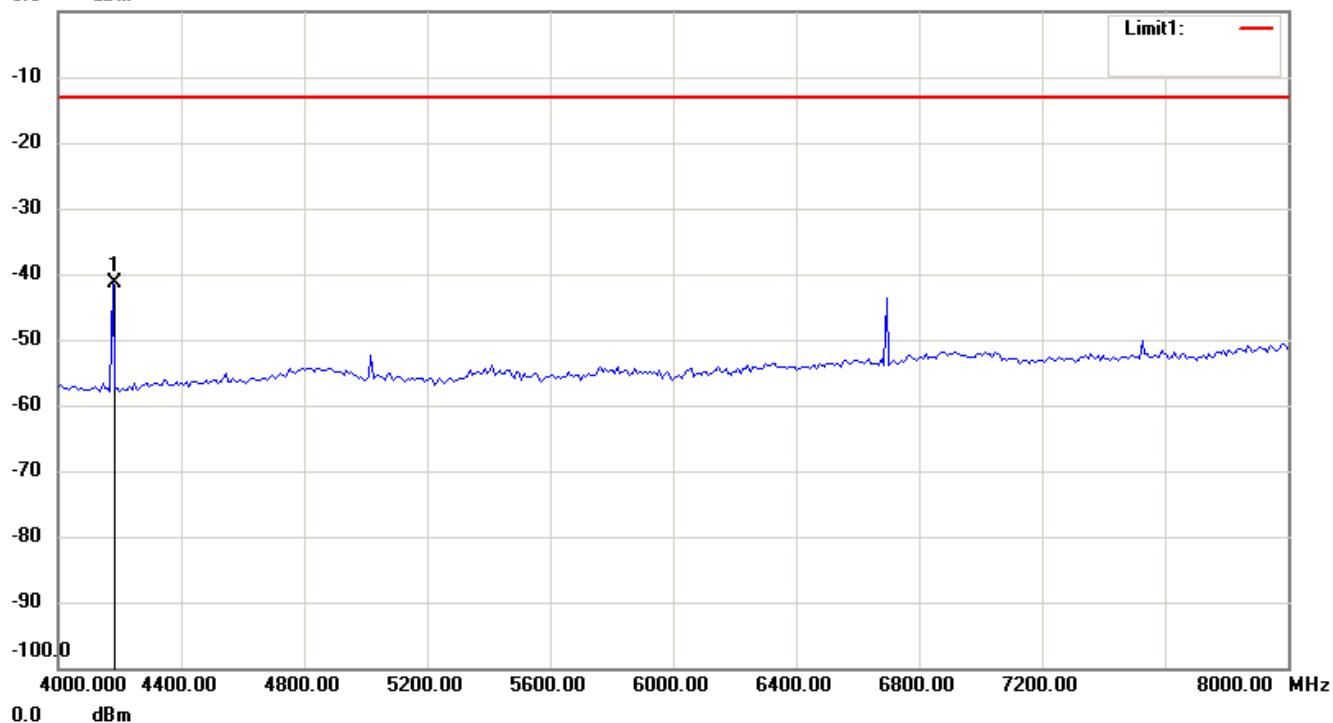


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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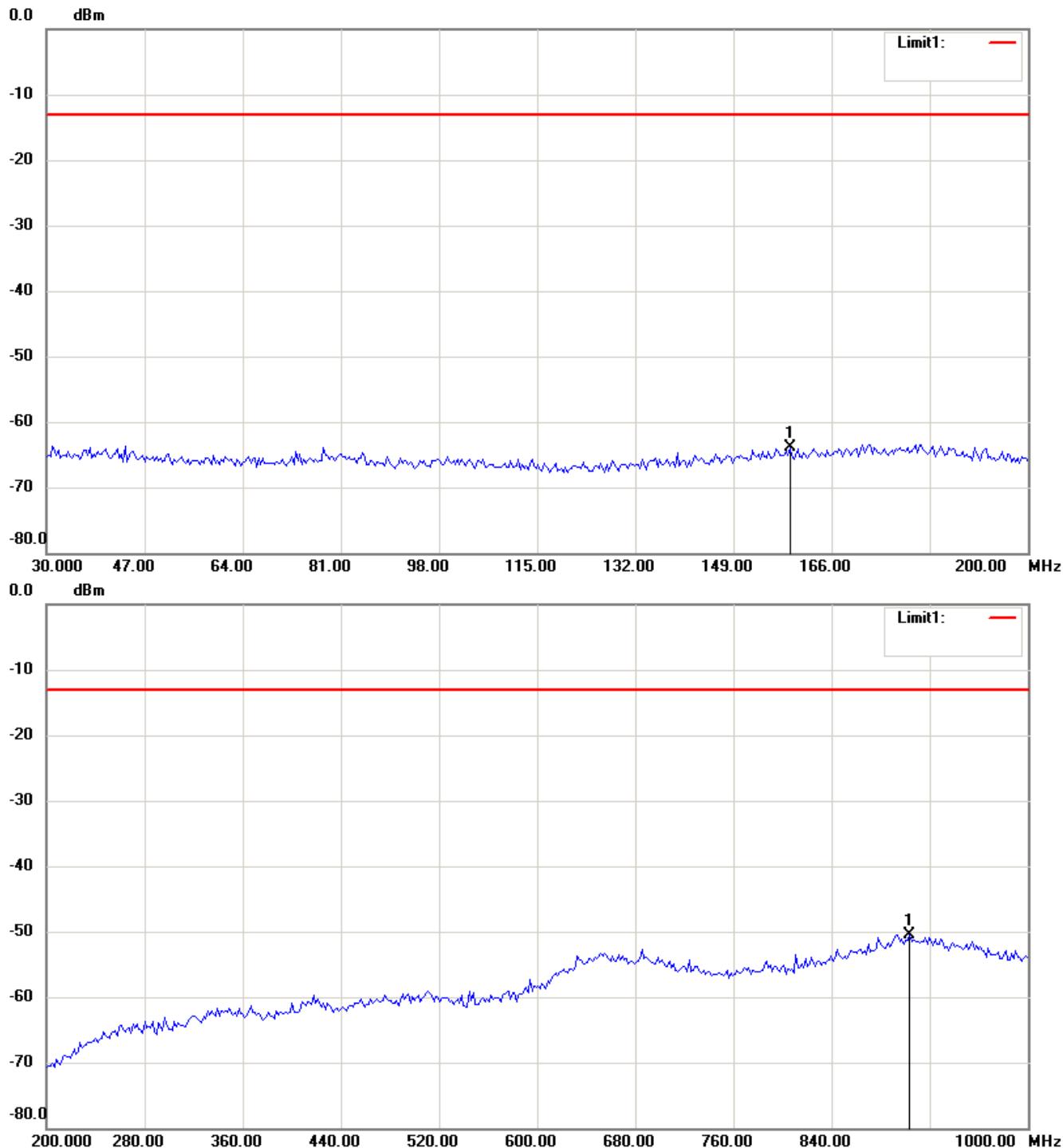
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

850 band\_CH 251\_3.5 V

Antenna Polarization H



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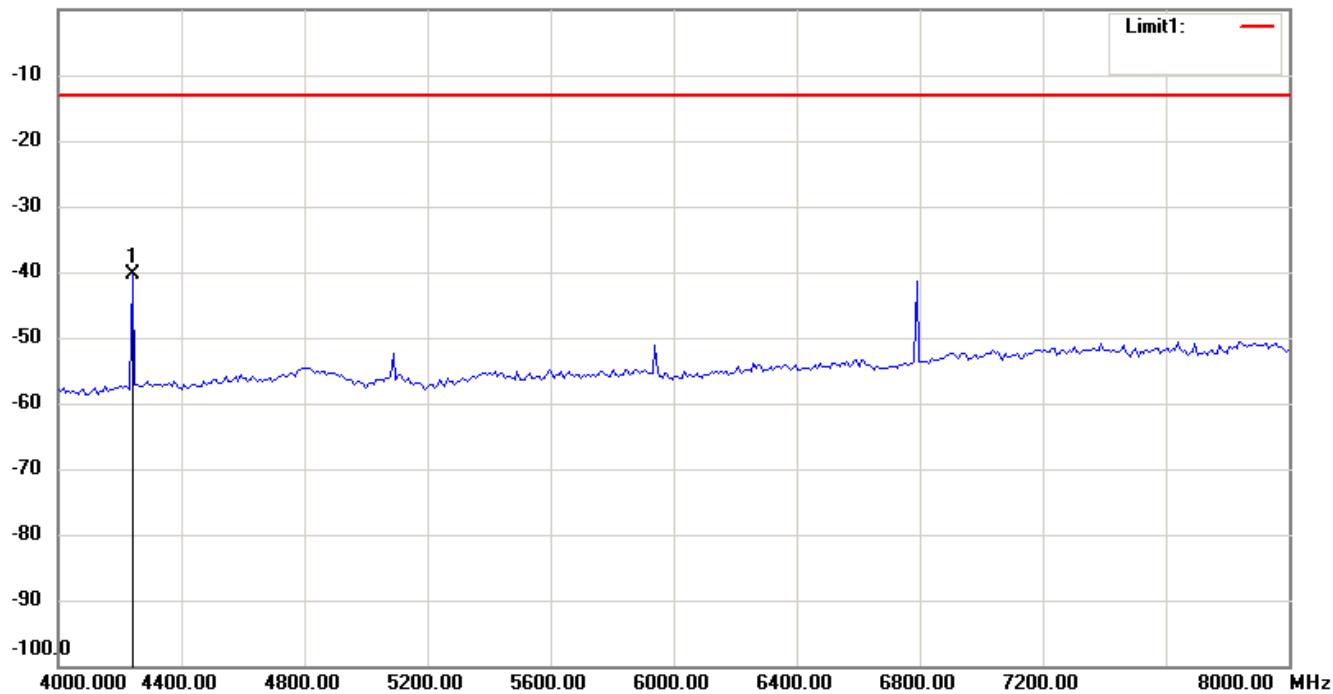
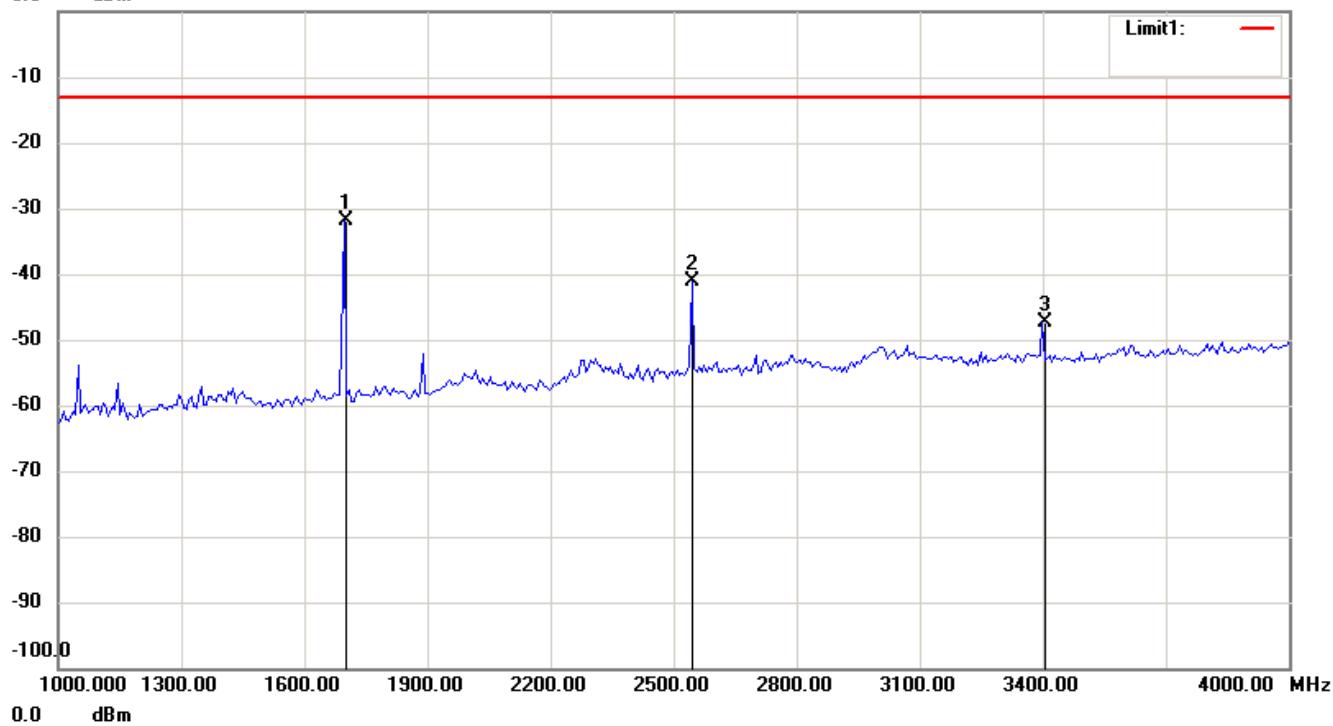


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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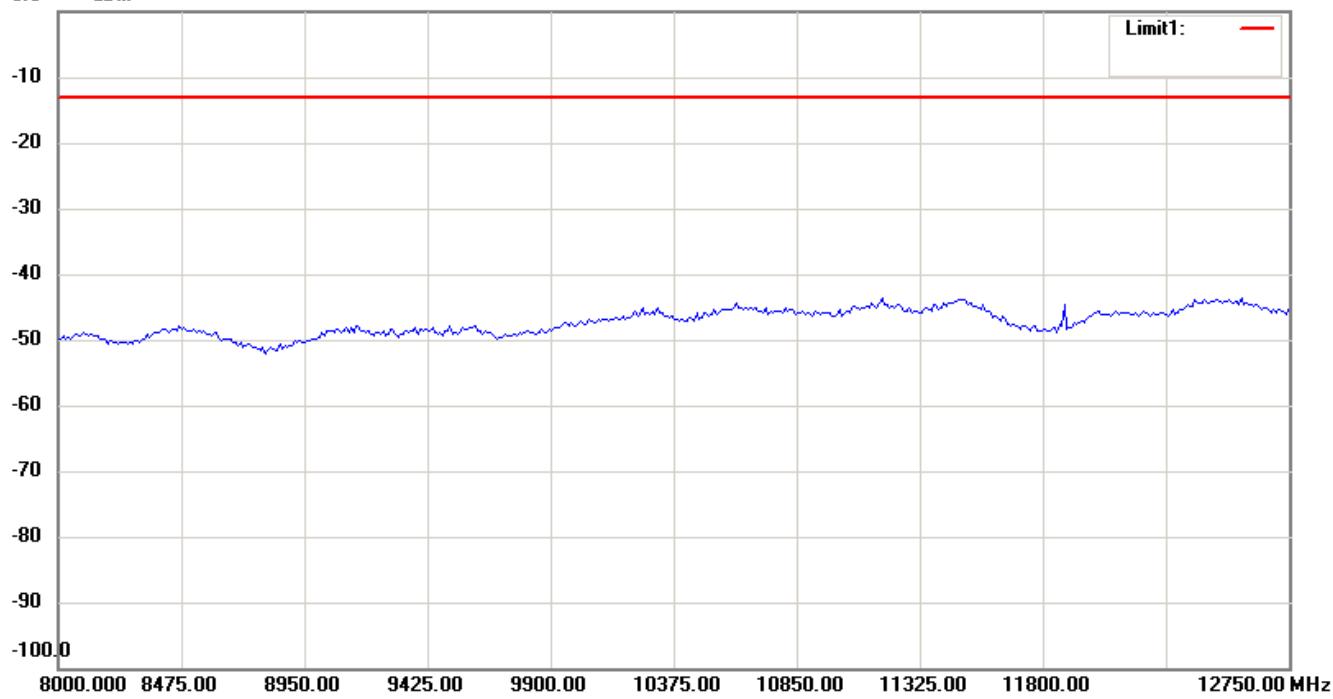


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Report Number: W6M21302-13019-P-2224

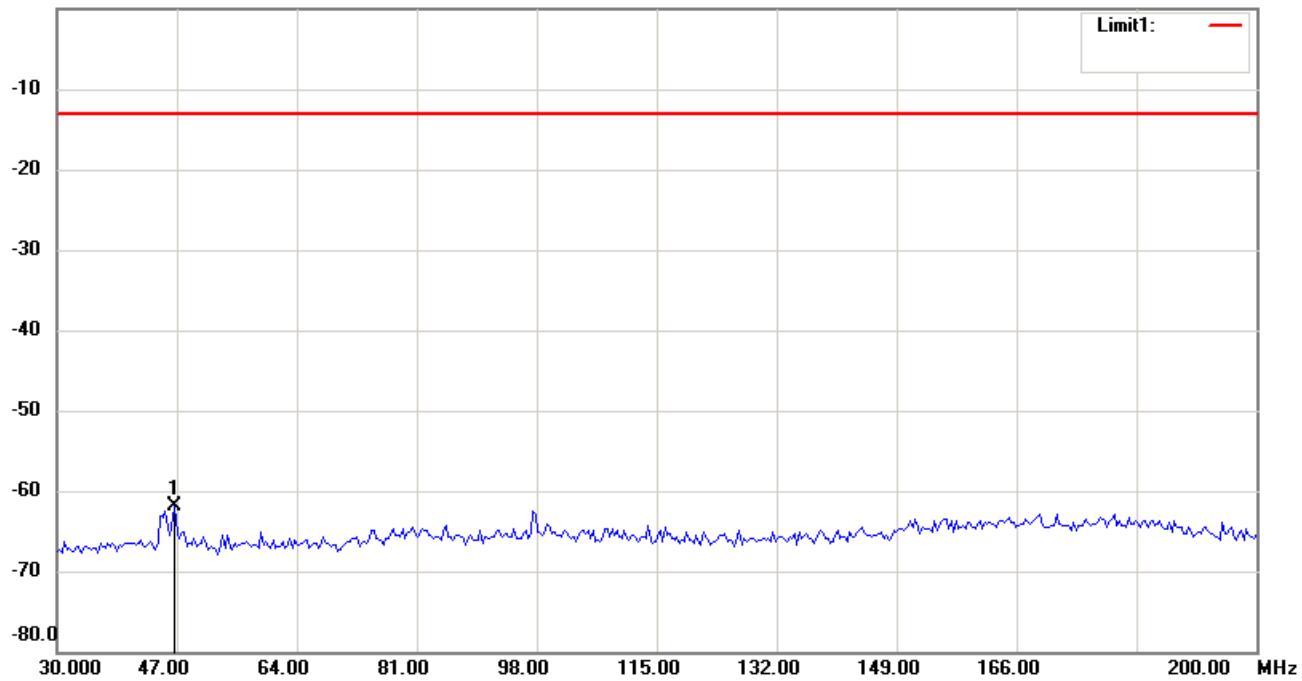
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



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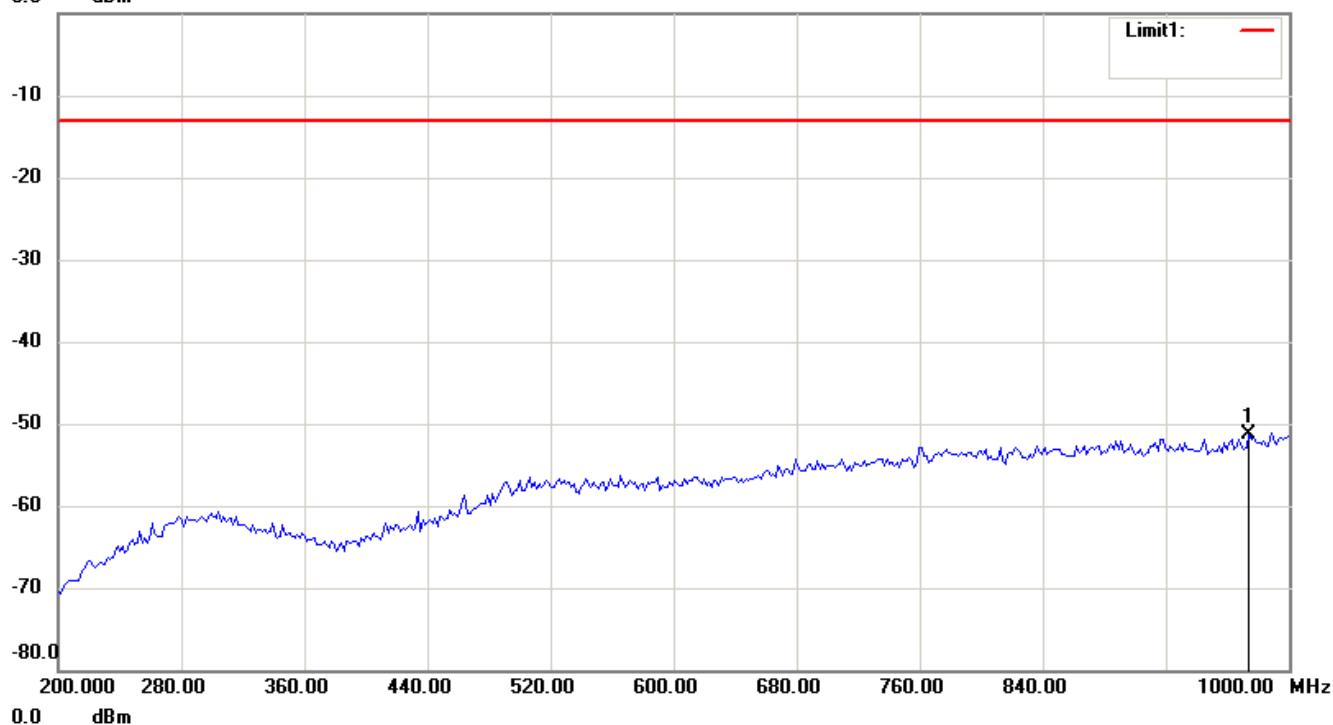


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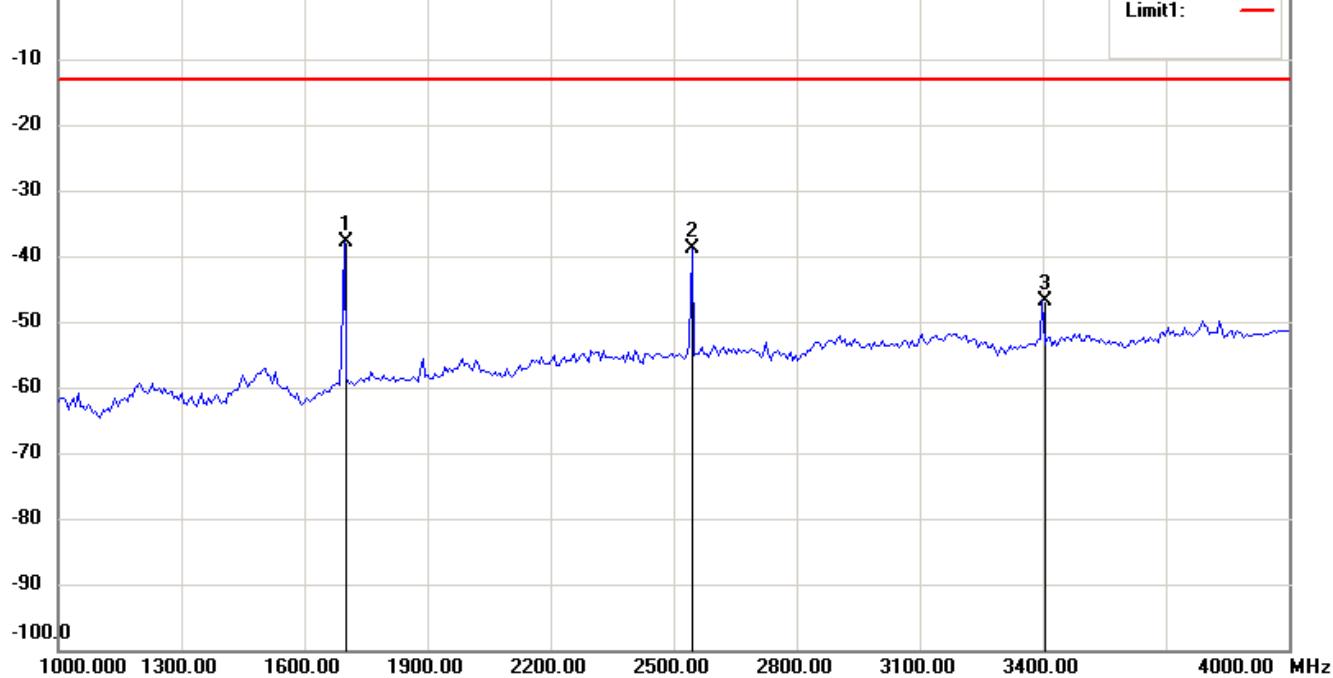
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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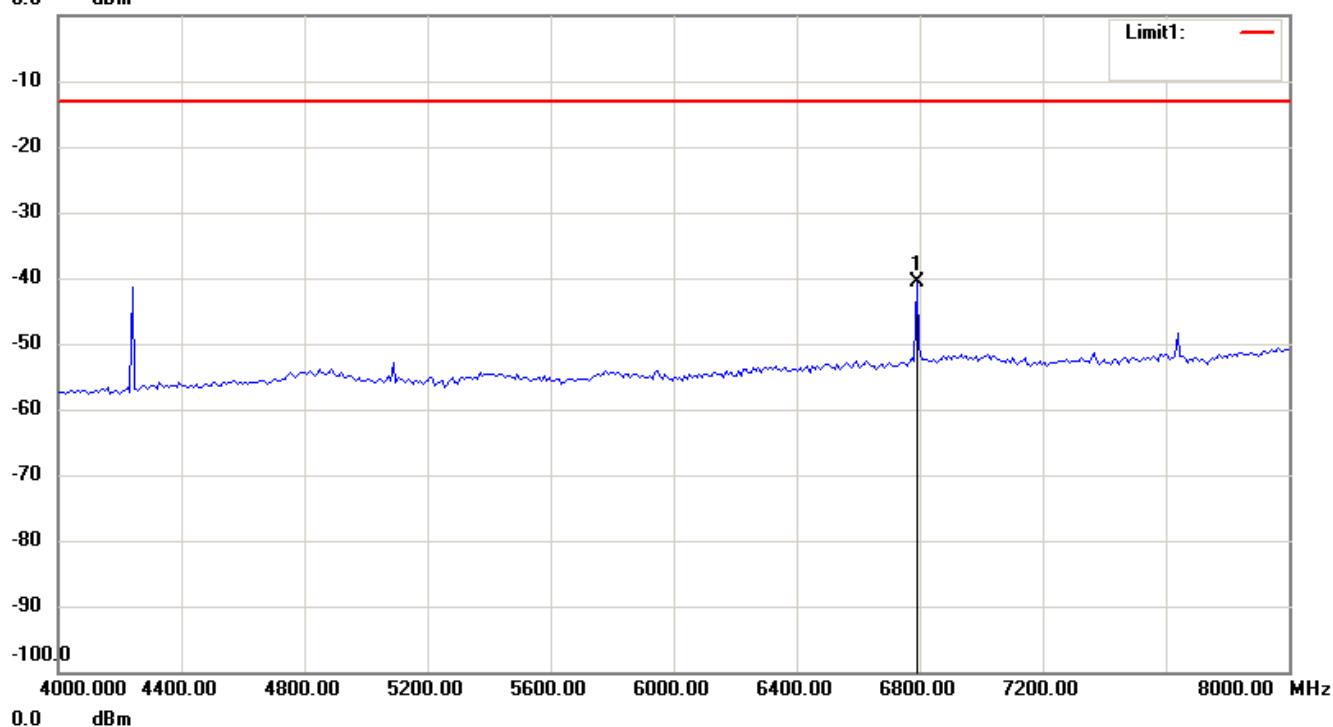


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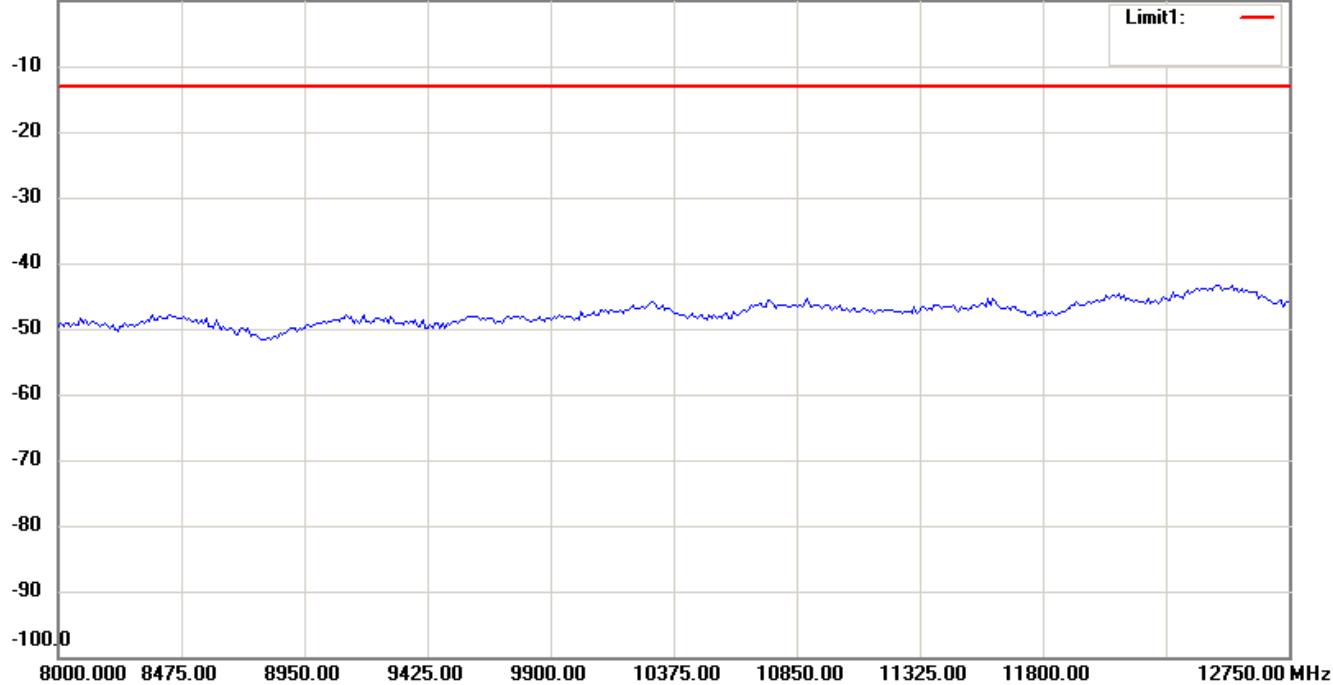
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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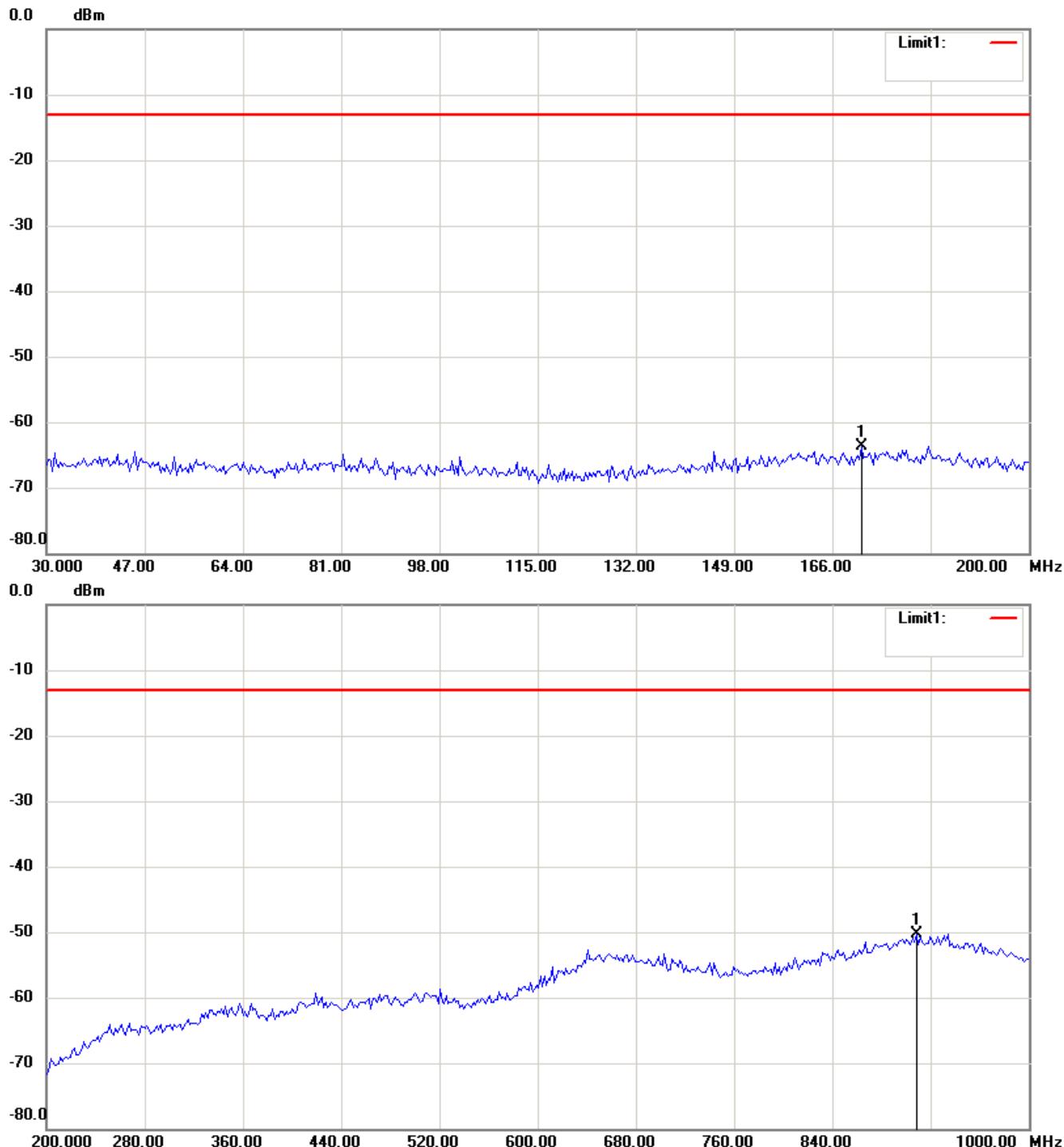
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

850 band\_CH 251\_4.07 V

Antenna Polarization H



**Note:**

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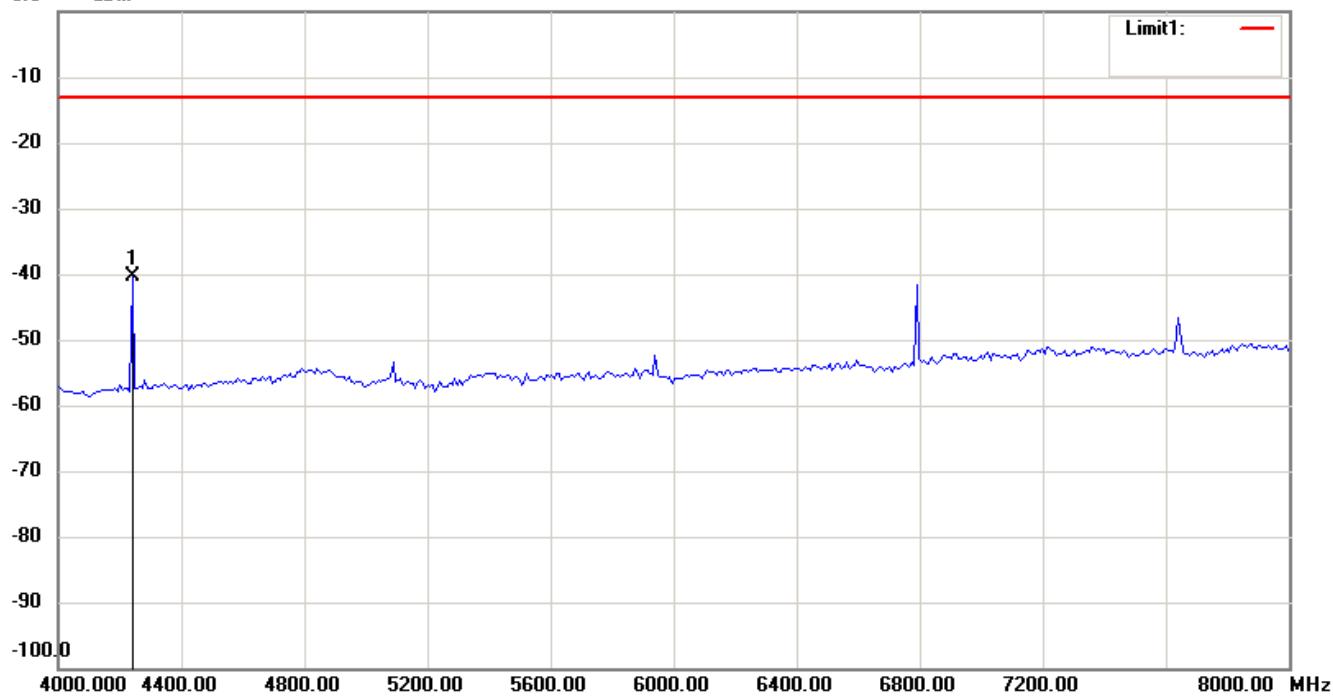
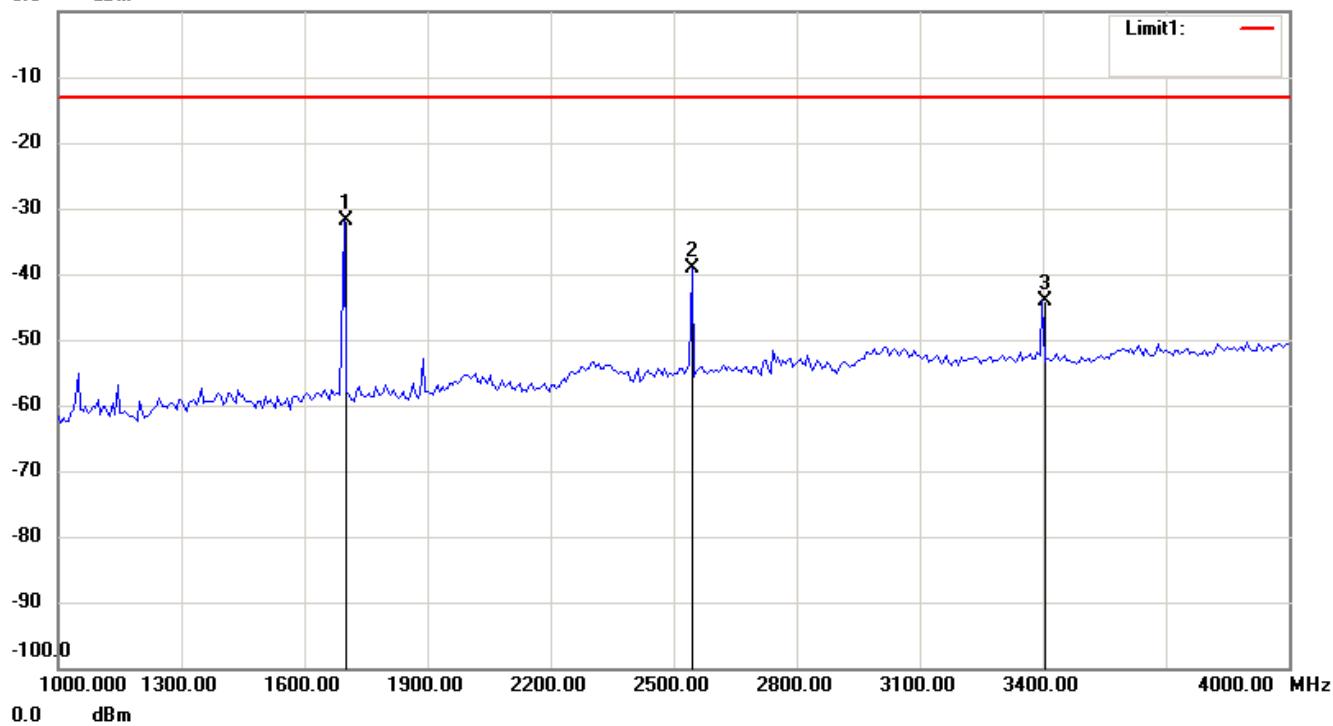


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Report Number: W6M21302-13019-P-2224

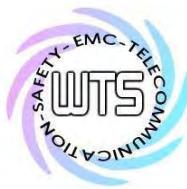
FCC ID: GX9MP

0.0 dBm



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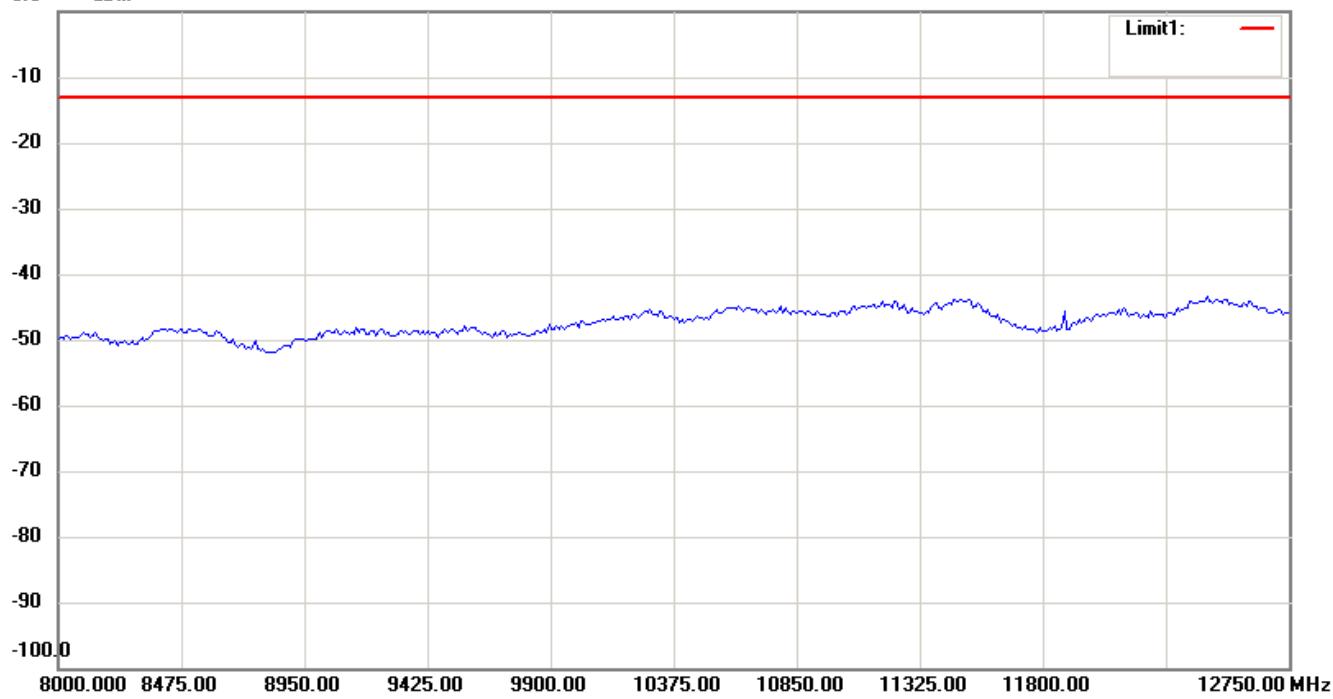


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

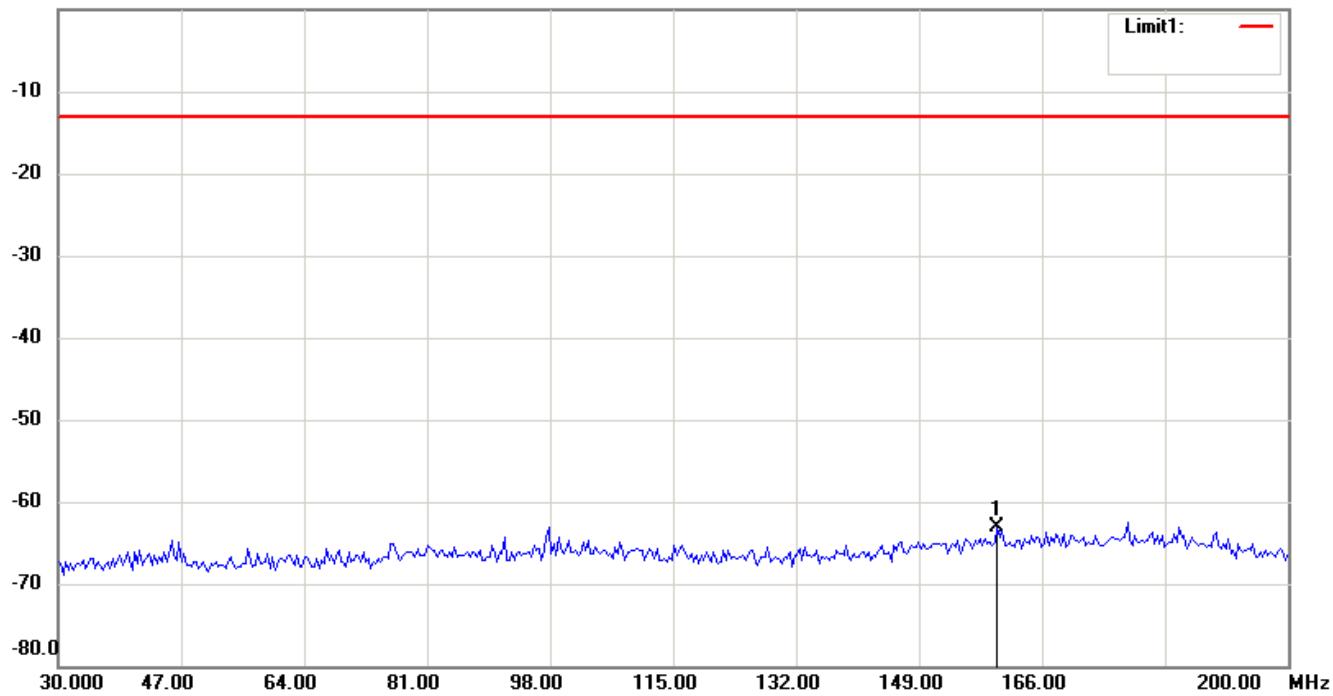
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



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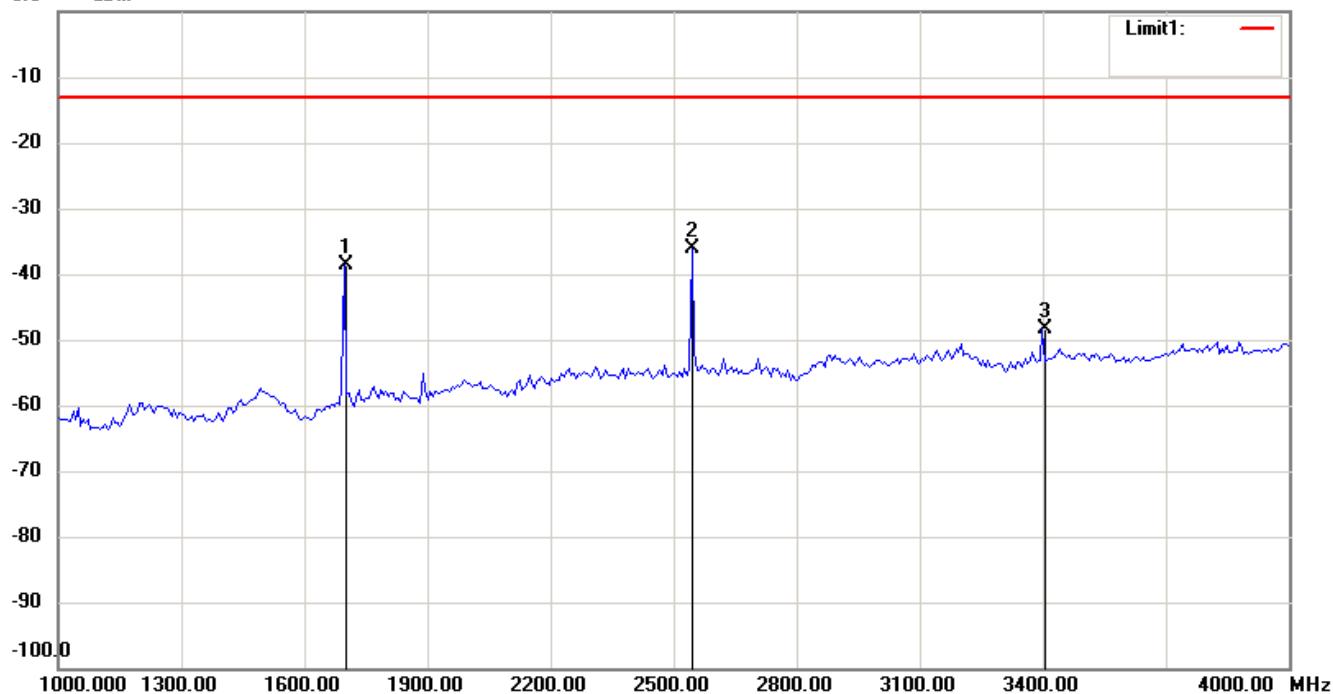
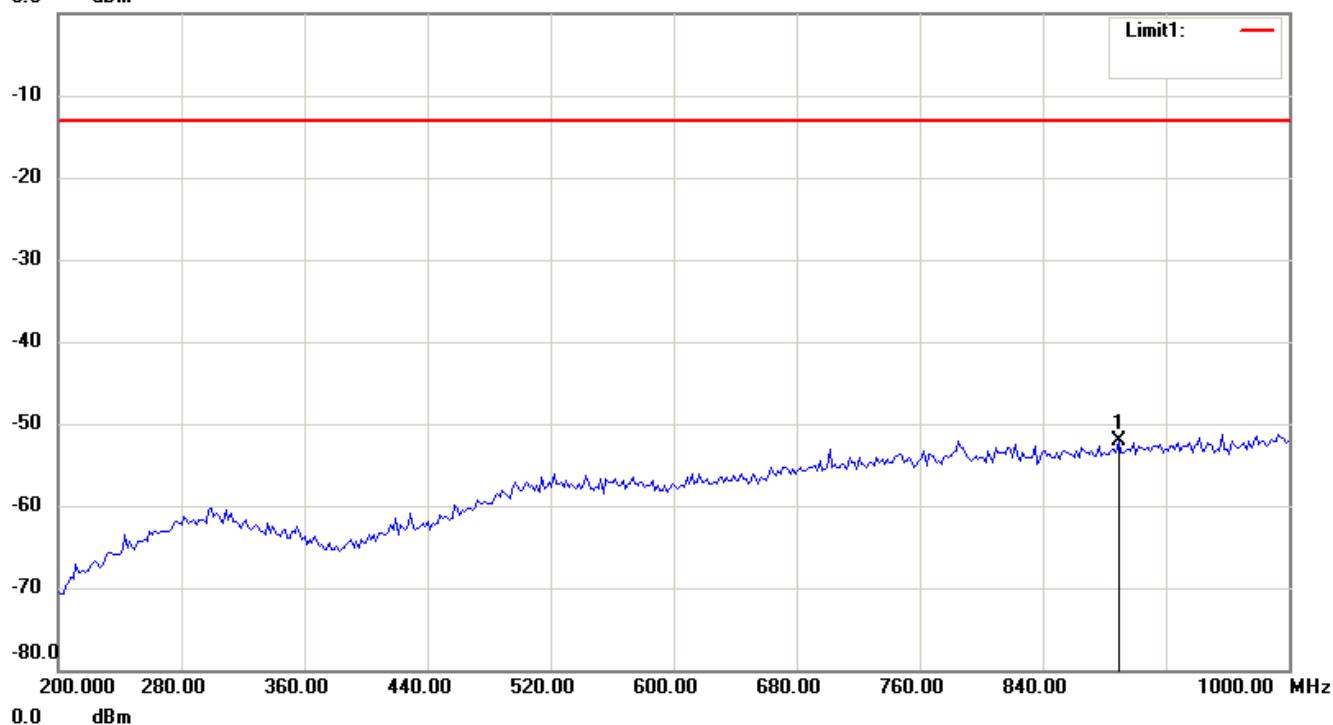


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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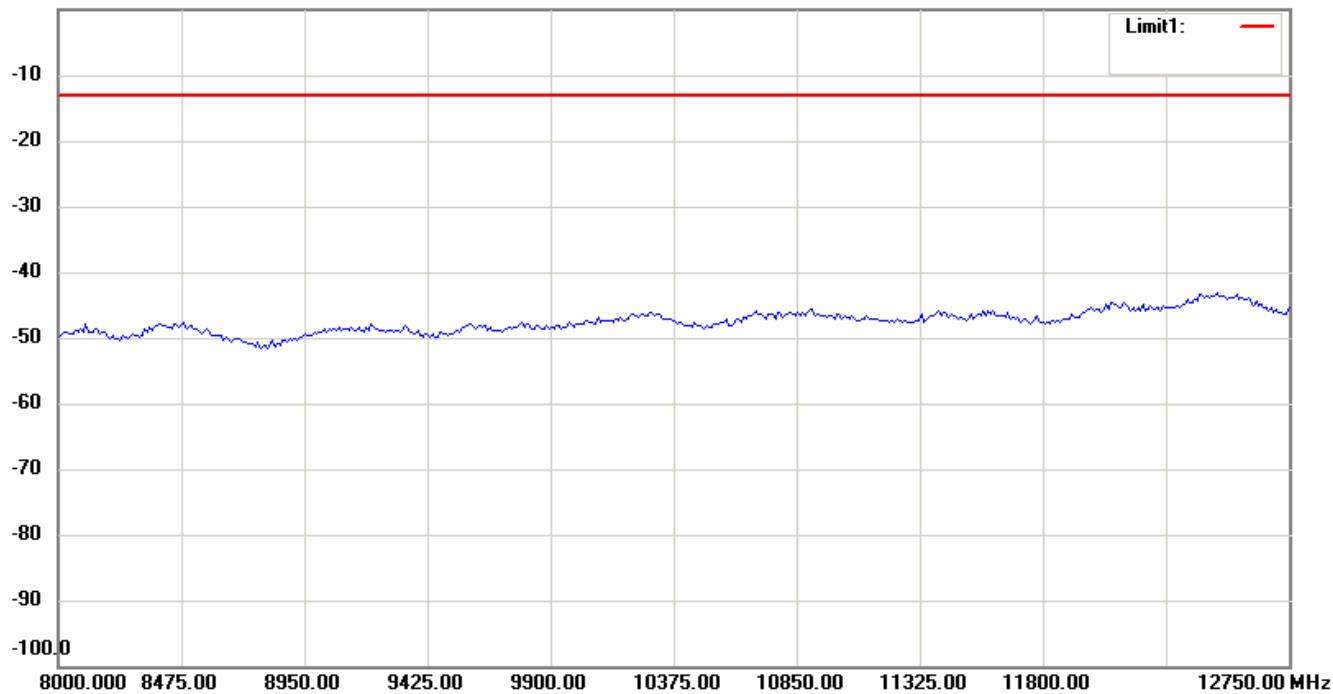
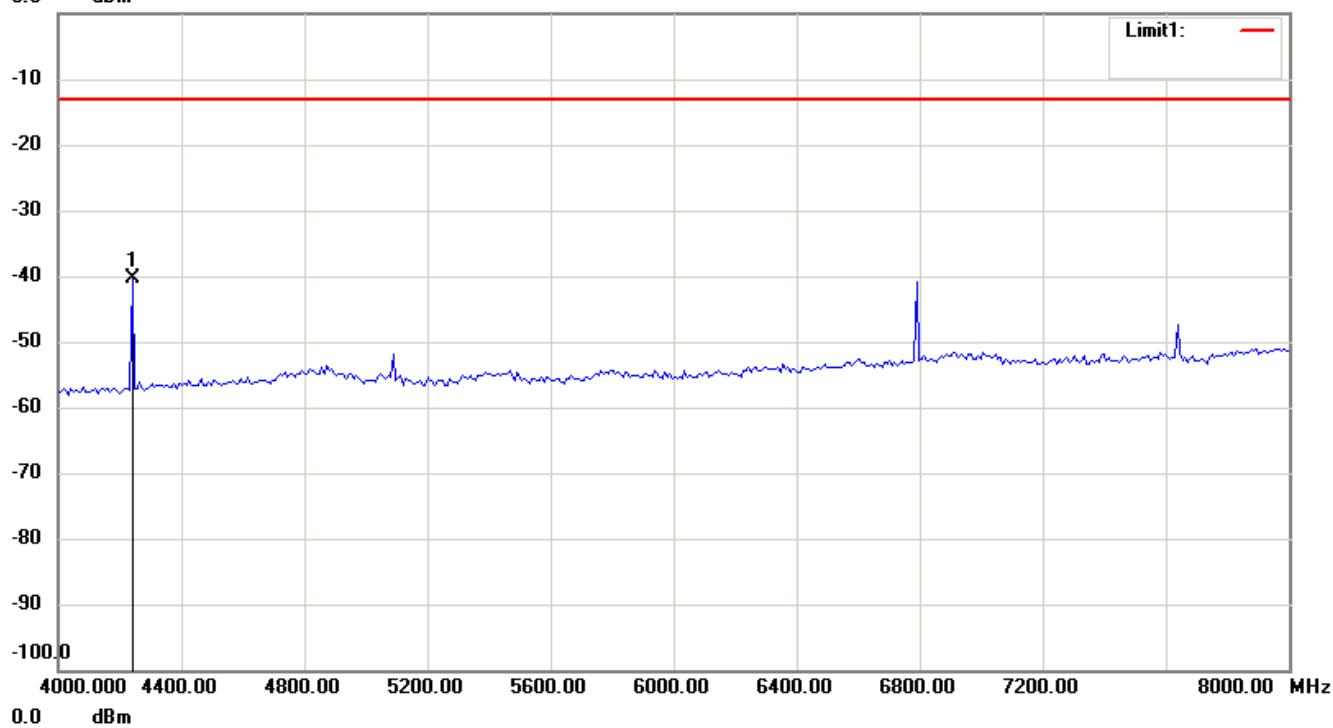


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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

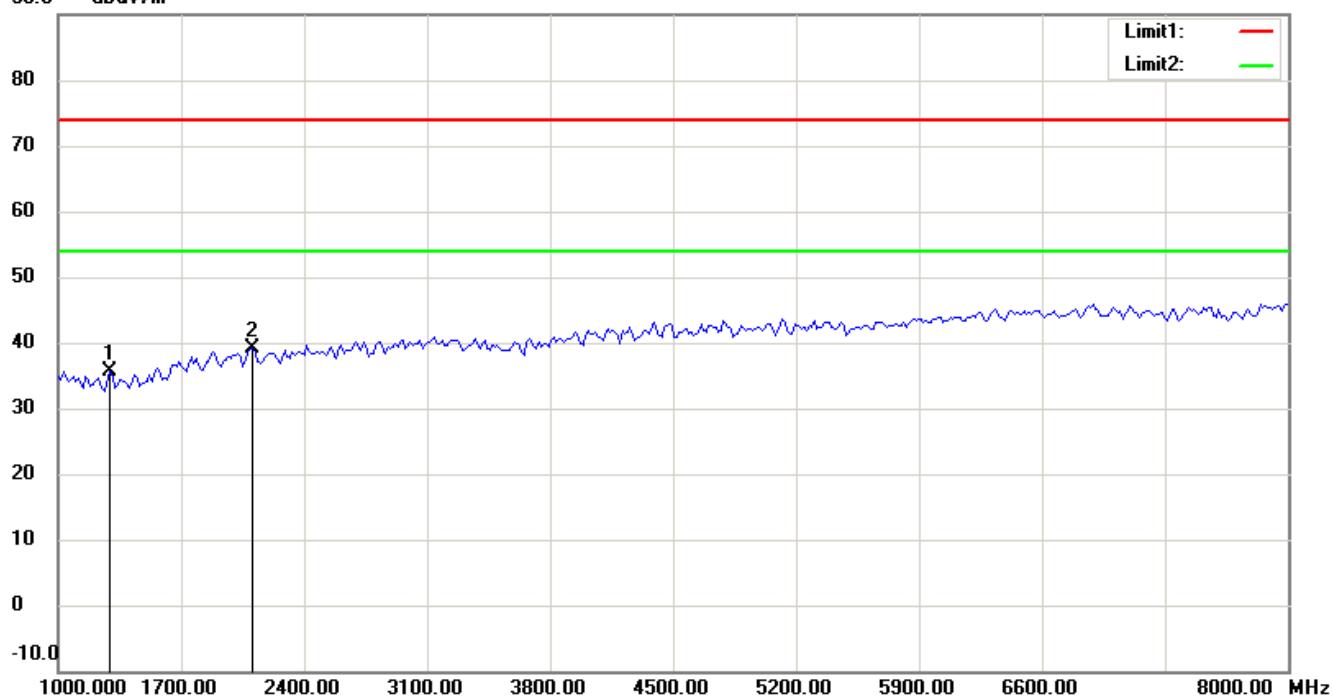
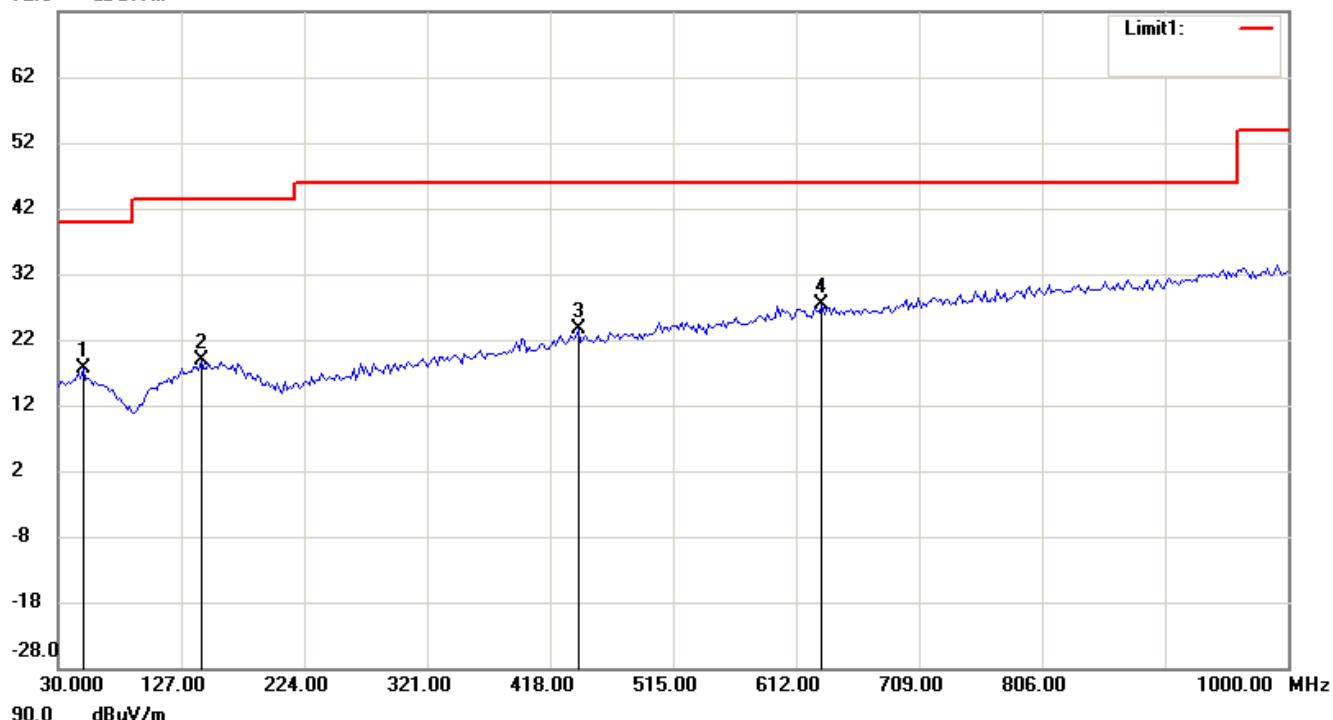
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

850 band\_Idle Mode\_3.5 V

Antenna Polarization H

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

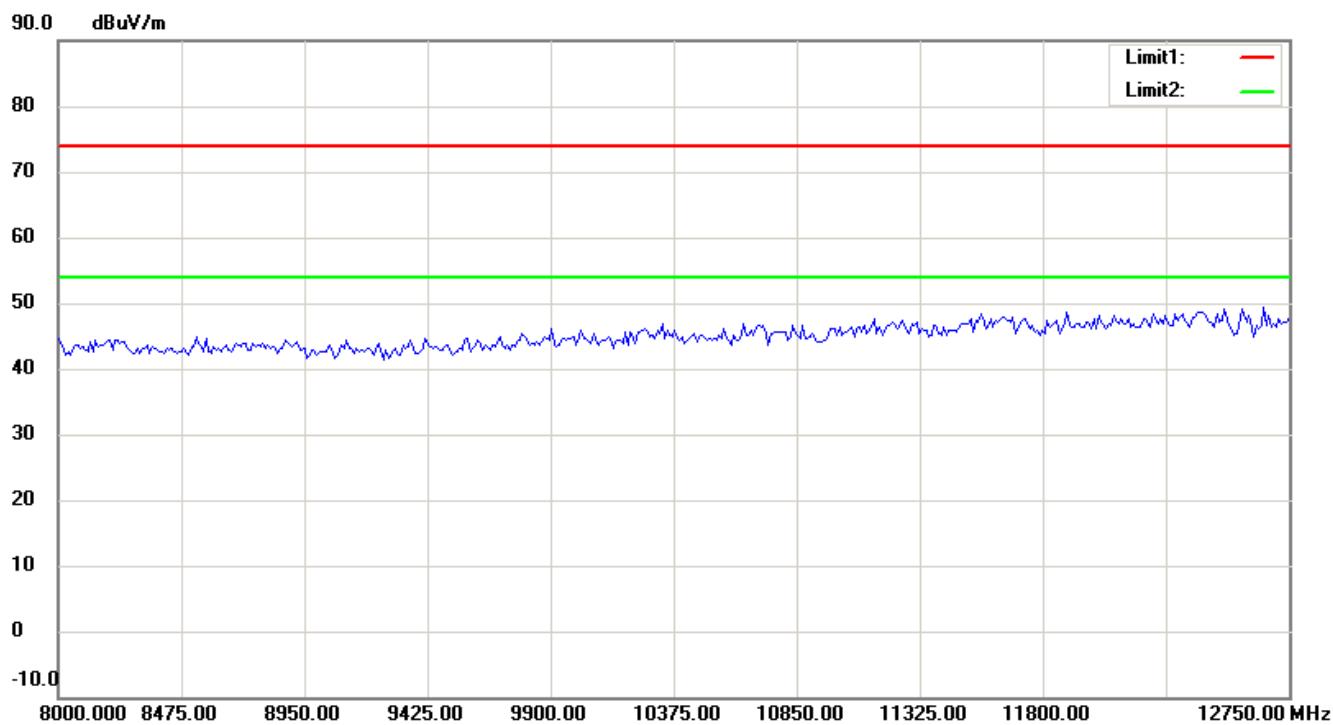
Note:

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2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.

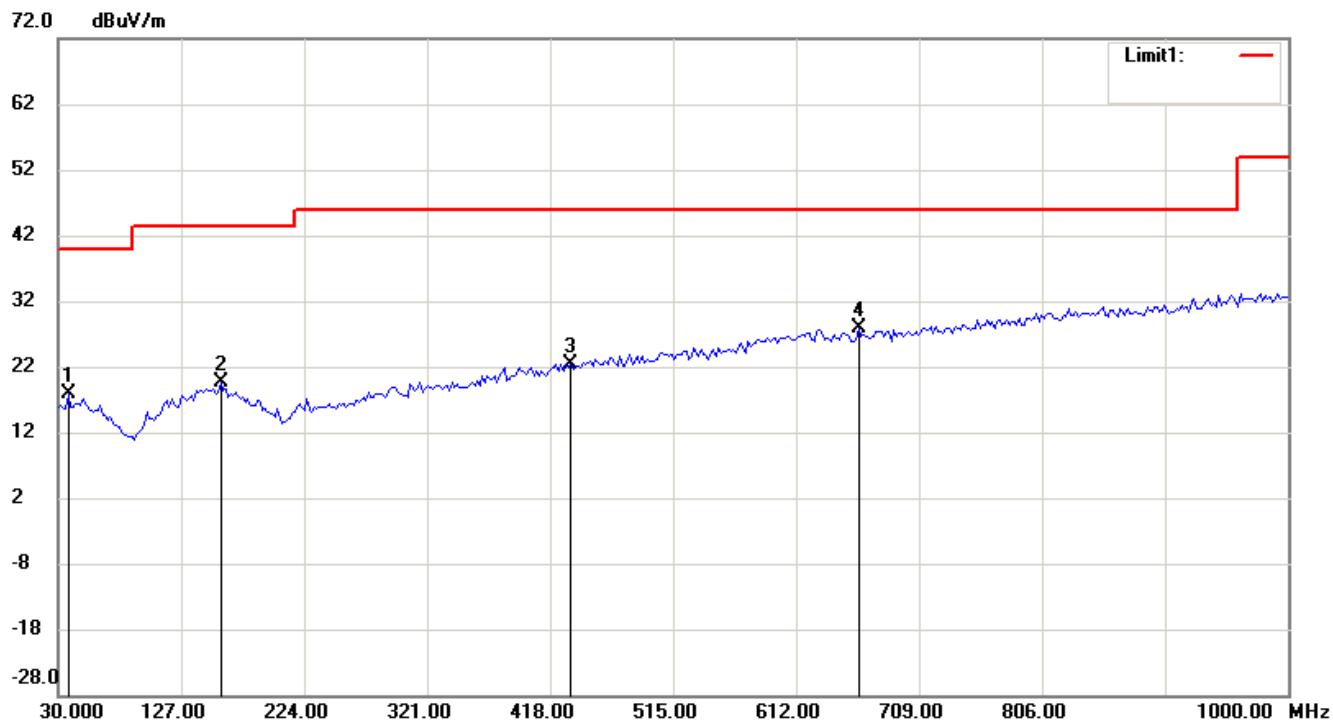


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP



Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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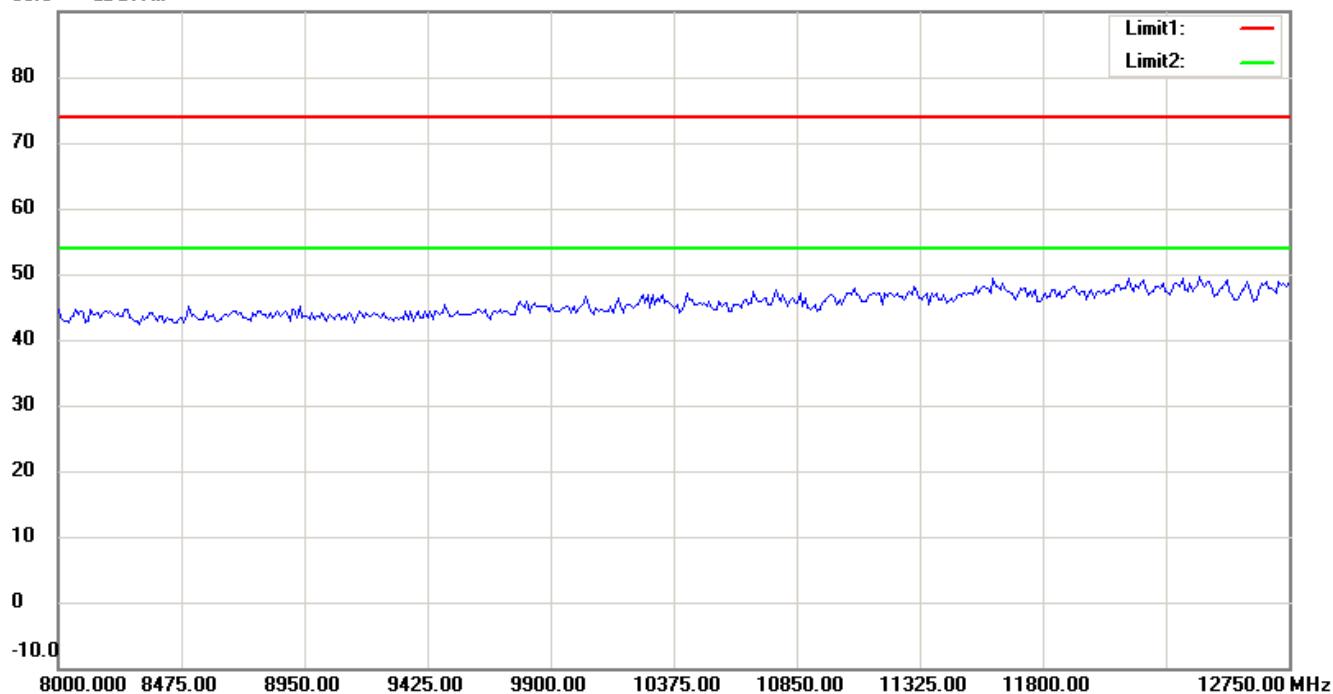
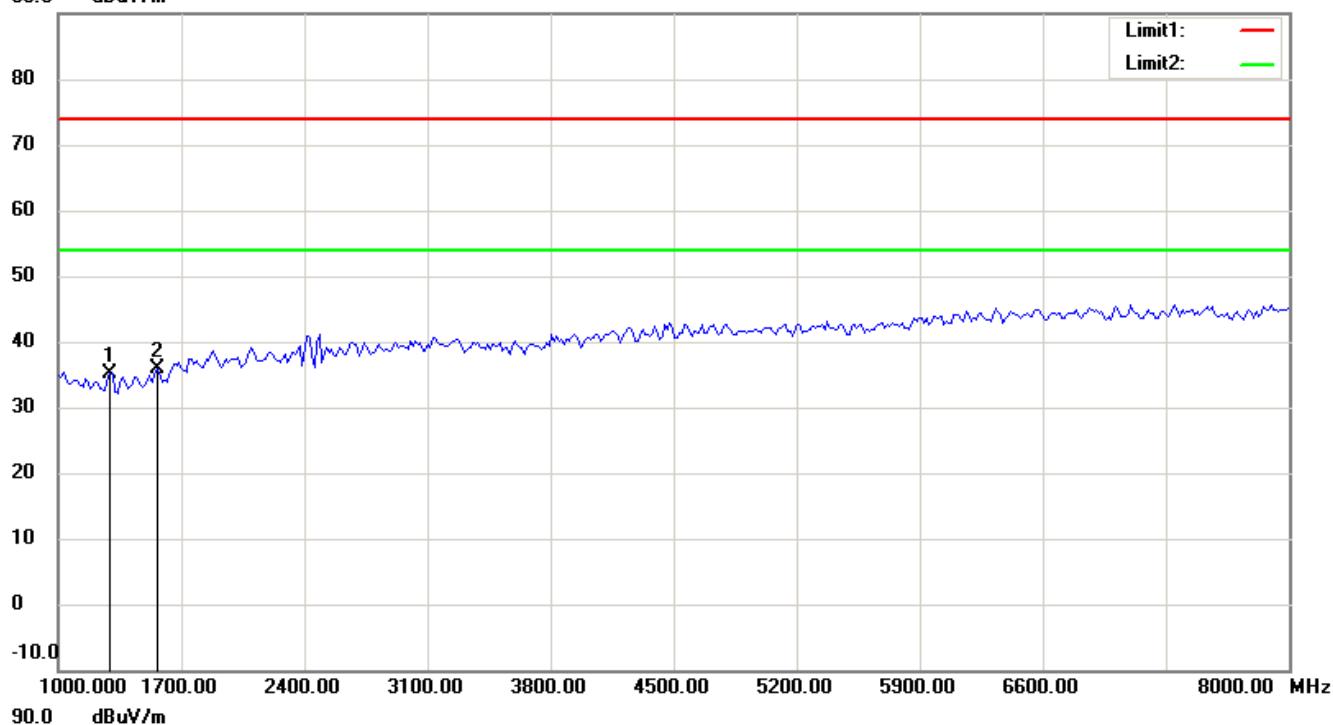


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

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

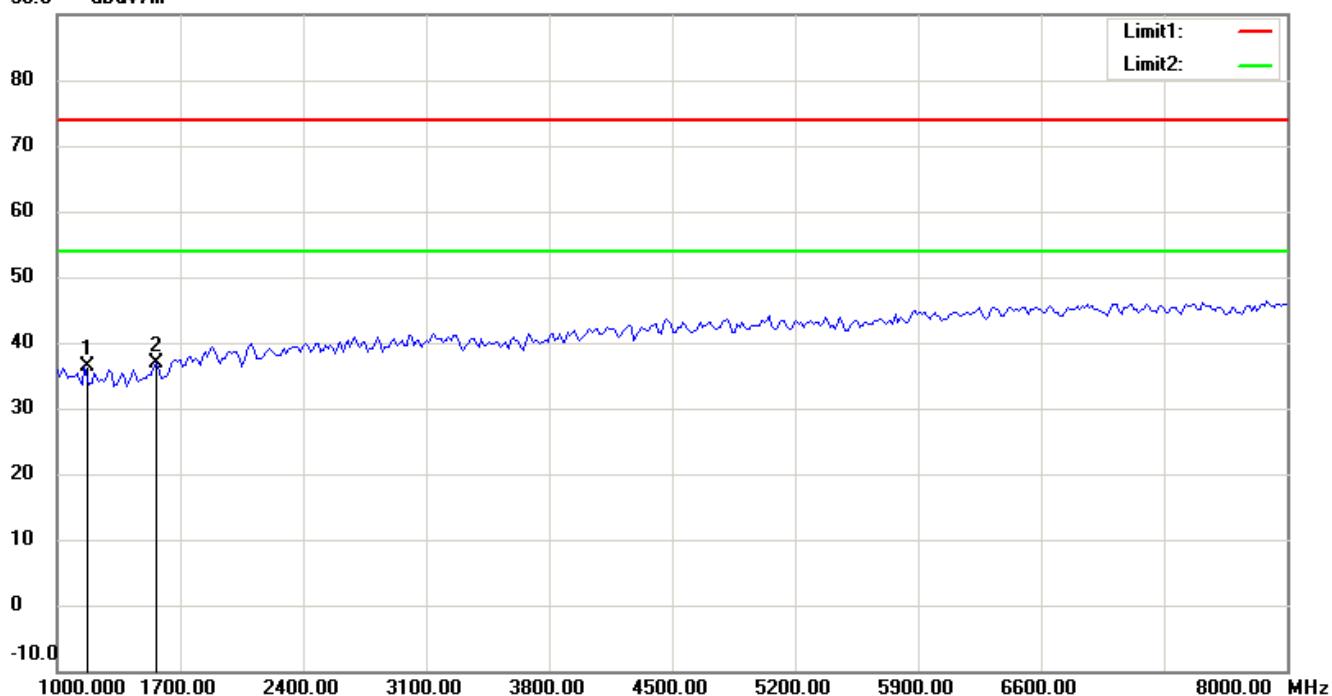
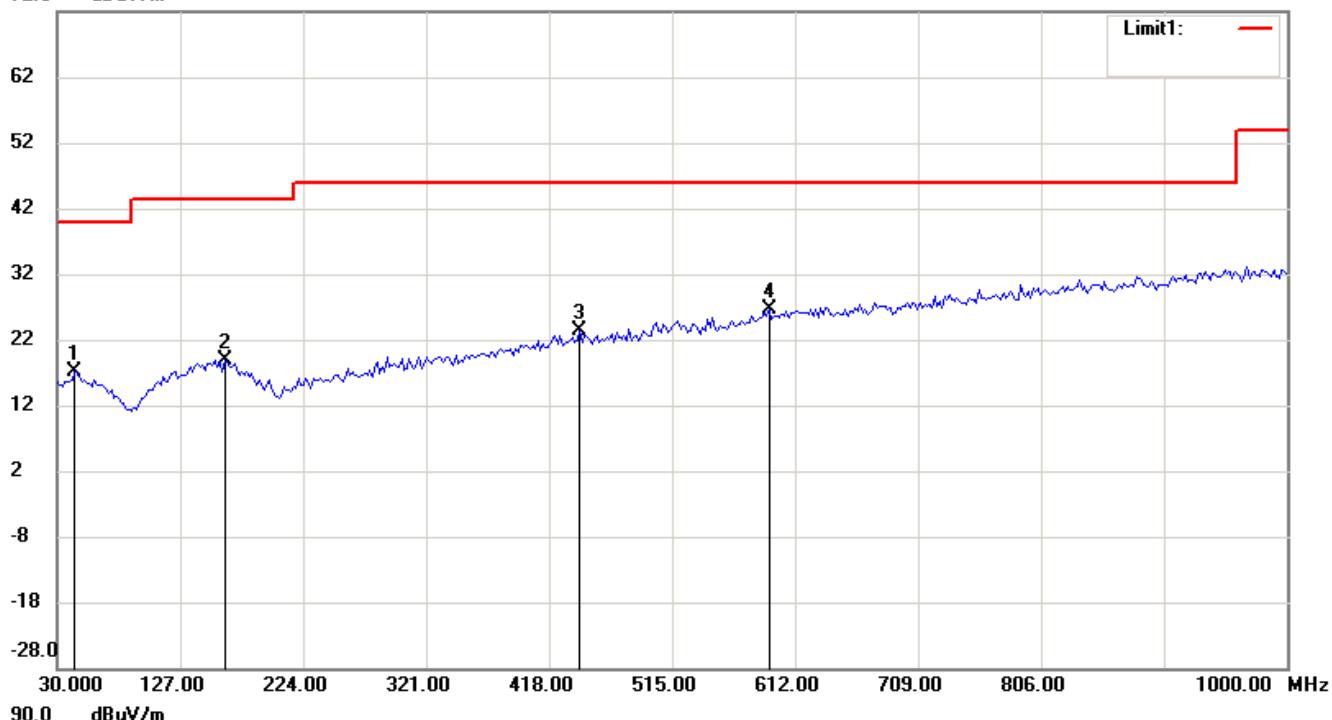
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

850 band\_Idle Mode\_4.07 V

Antenna Polarization H

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

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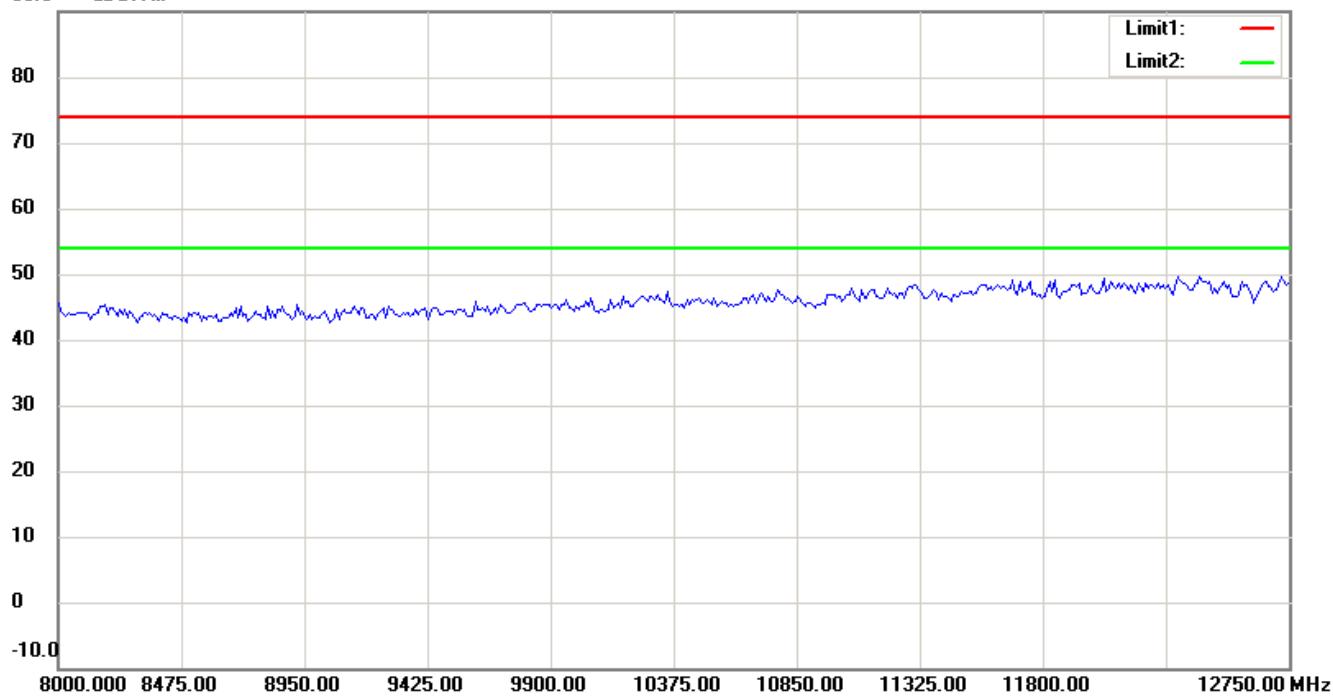


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

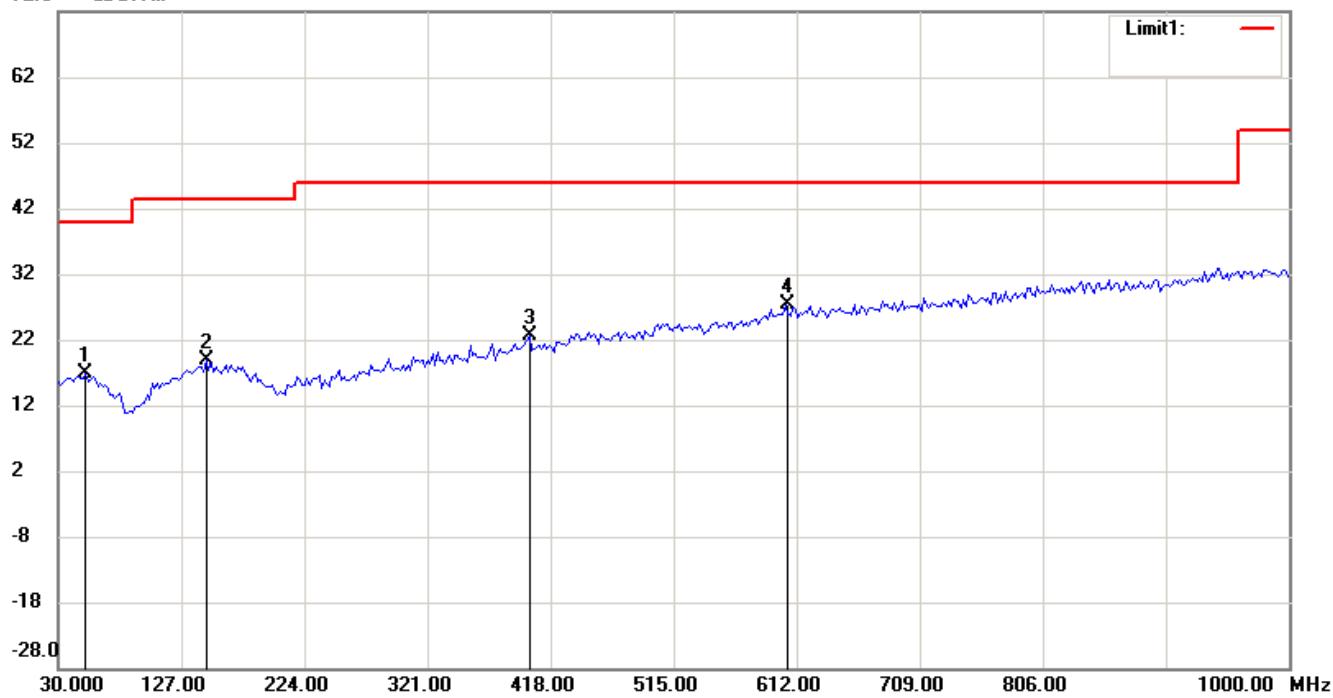
FCC ID: GX9MP

90.0 dBuV/m



Antenna Polarization V

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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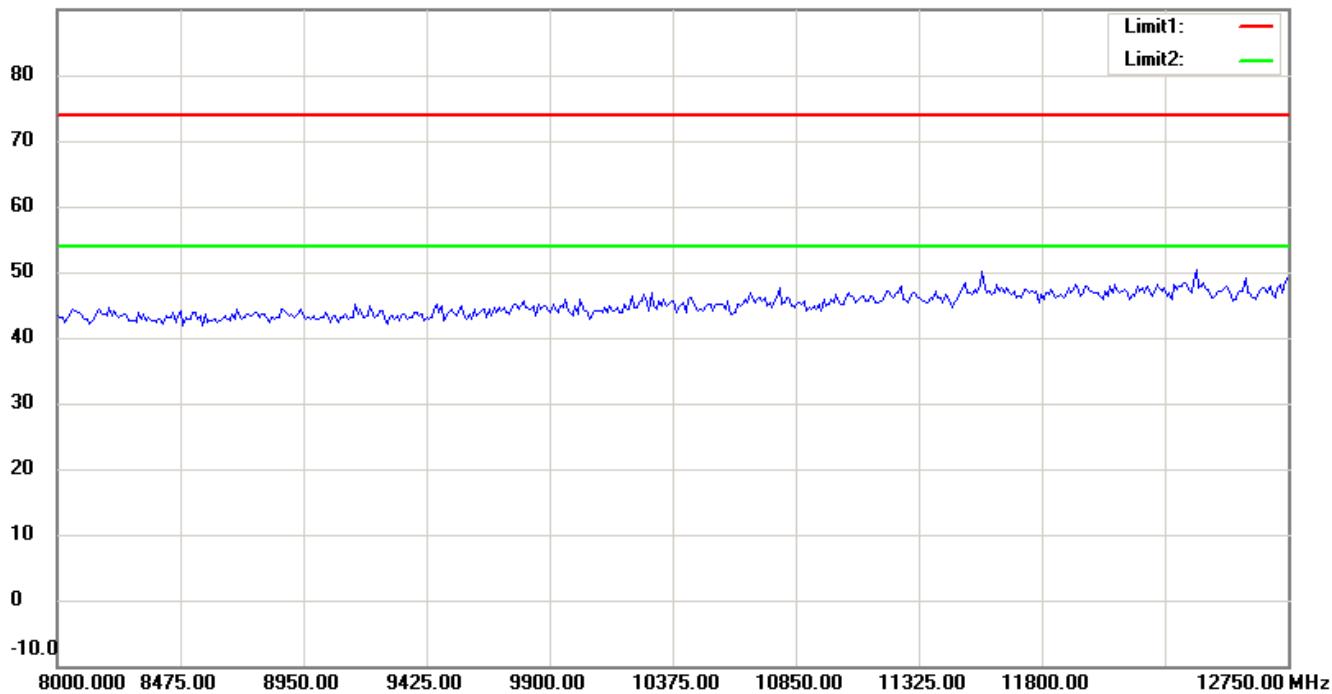
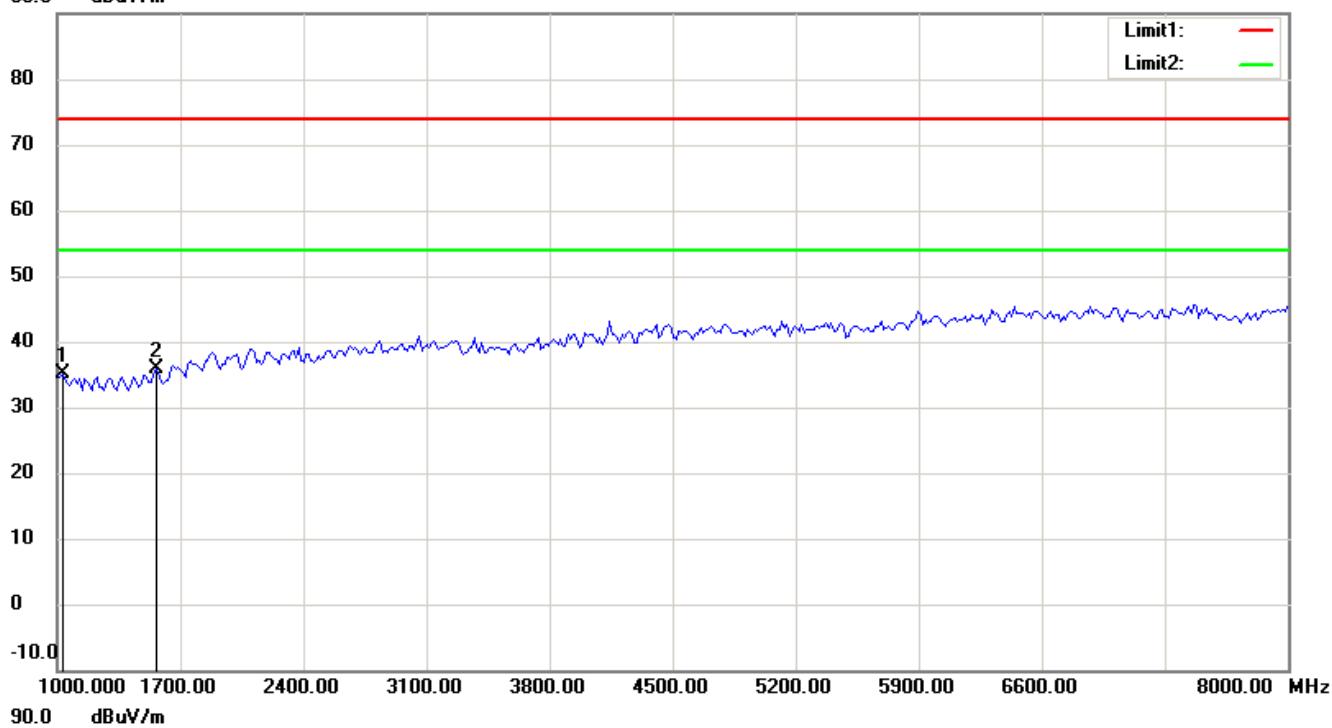


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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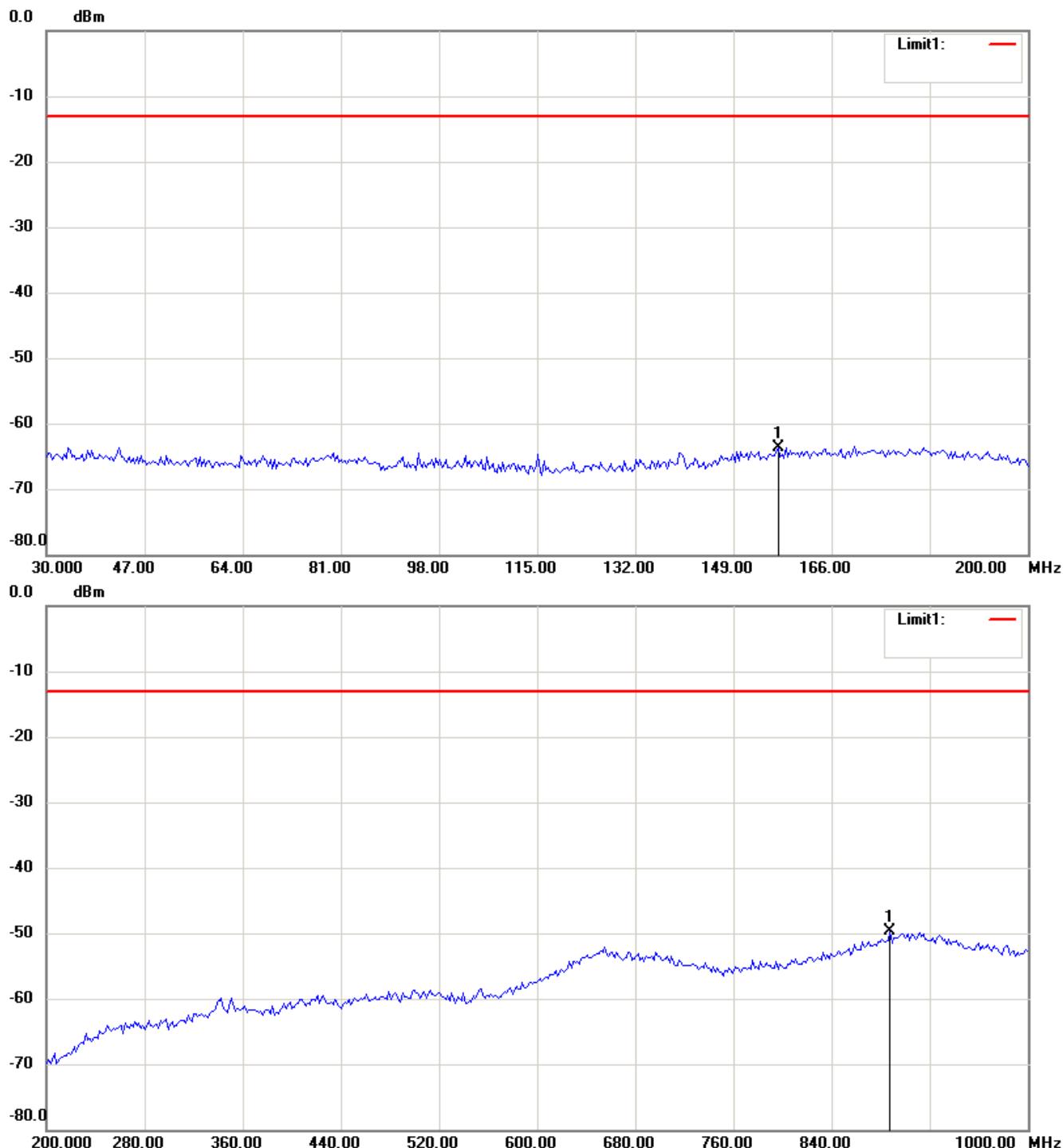
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

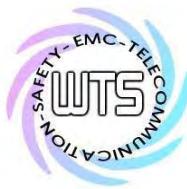
1900 band\_CH 512\_3.5 V

Antenna Polarization H



**Note:**

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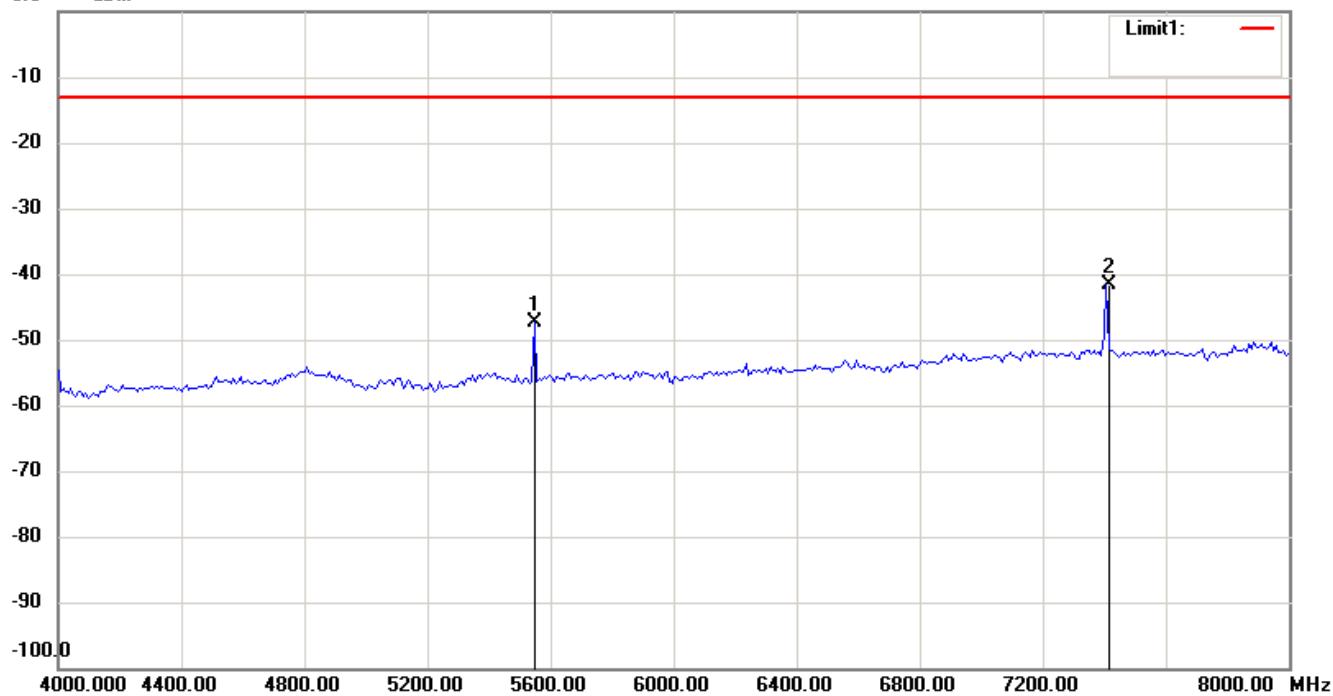
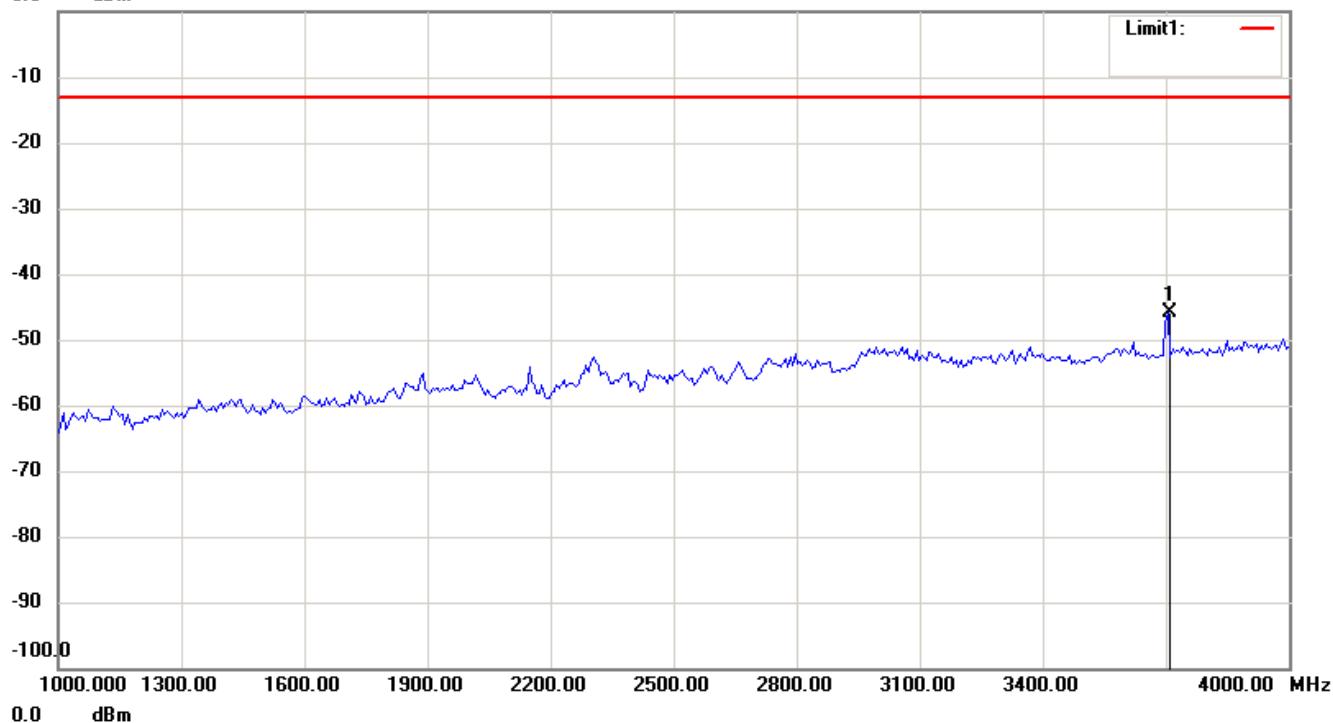


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



**Note:**

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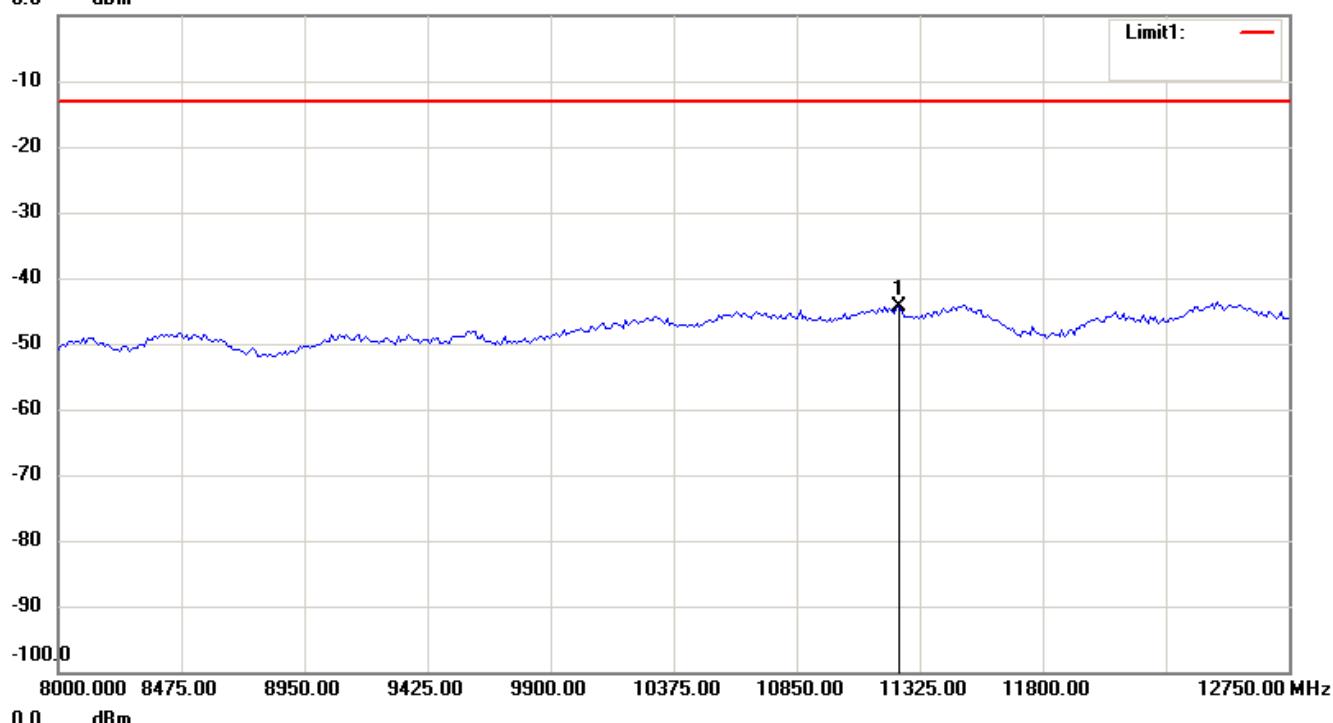


# Worldwide Testing Services(Taiwan) Co., Ltd.

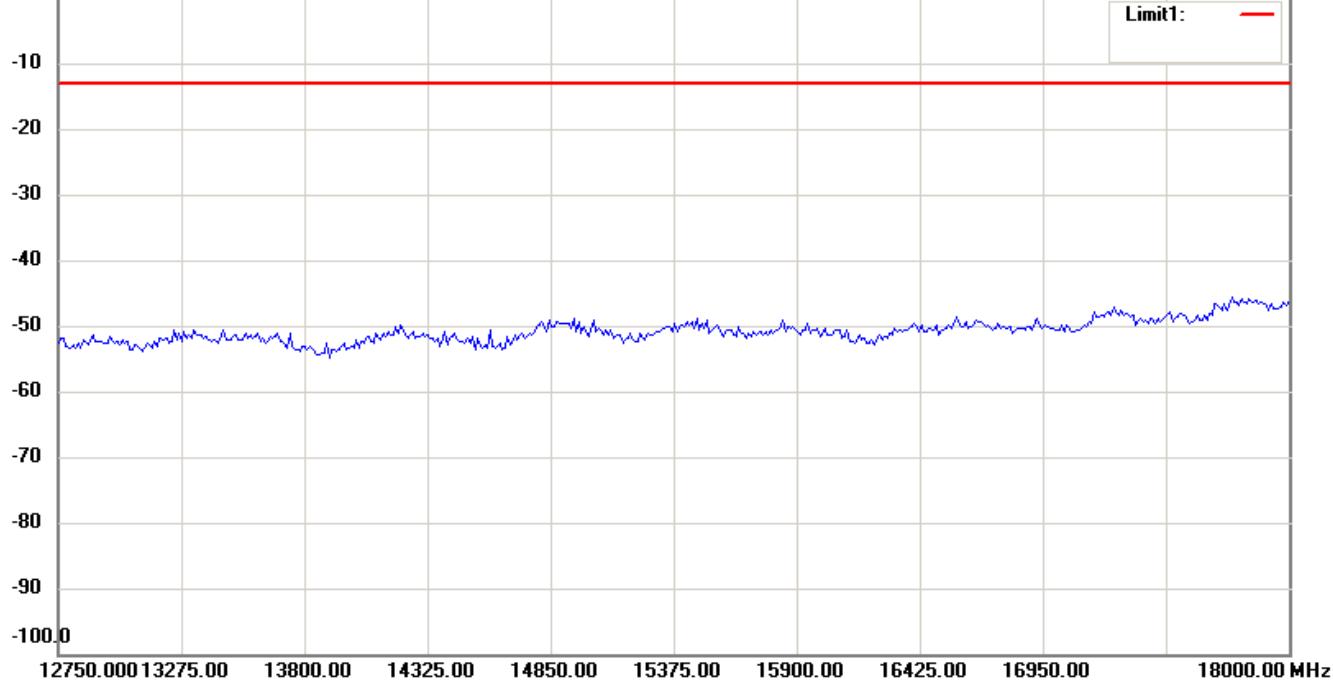
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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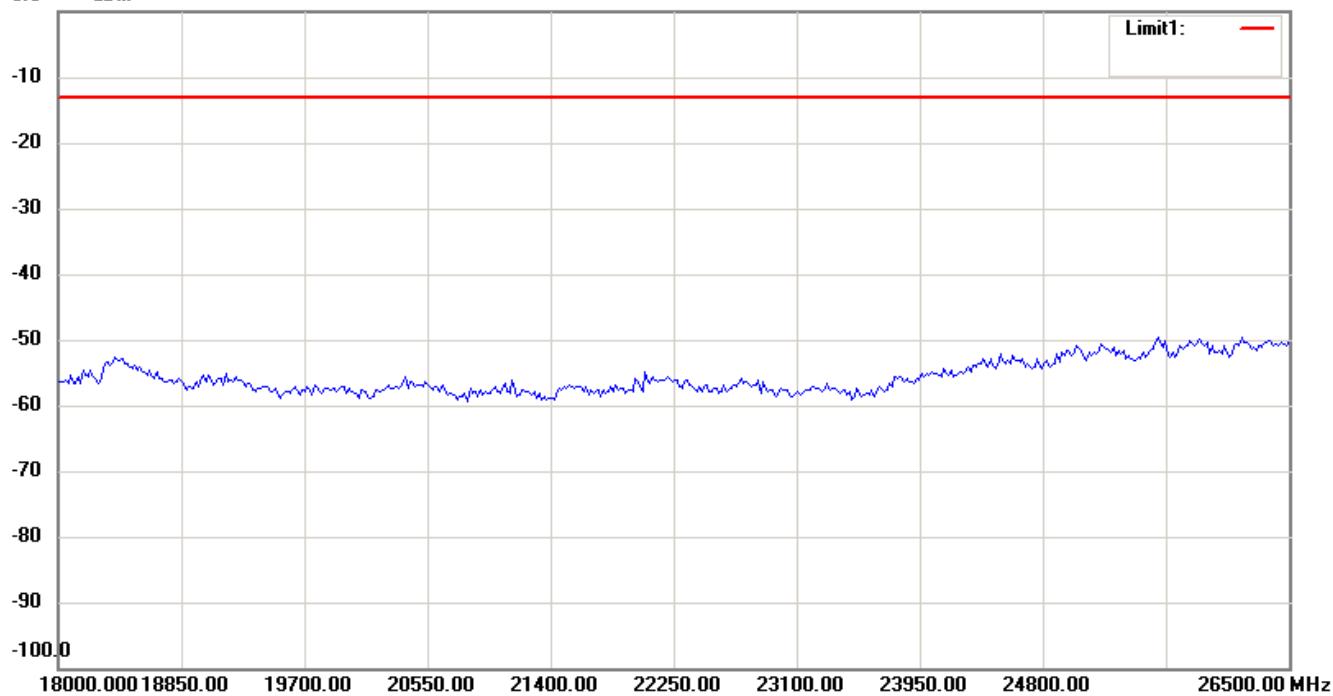


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

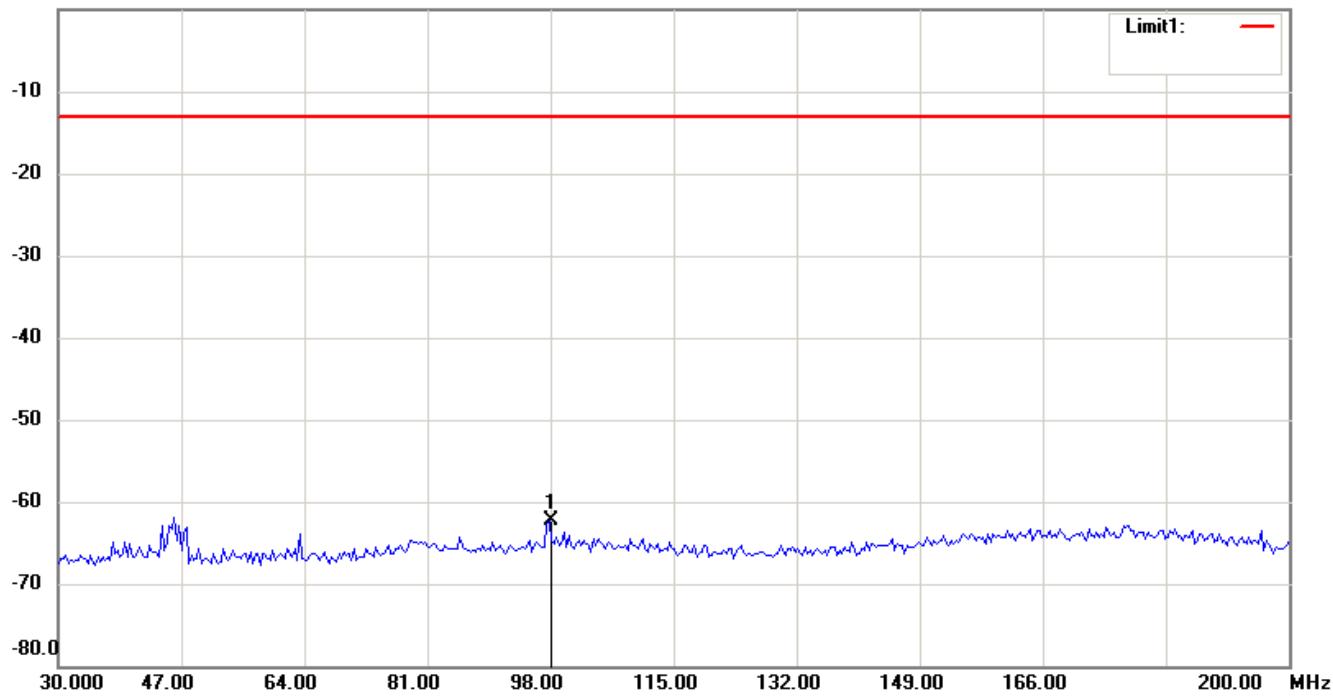
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



**Note:**

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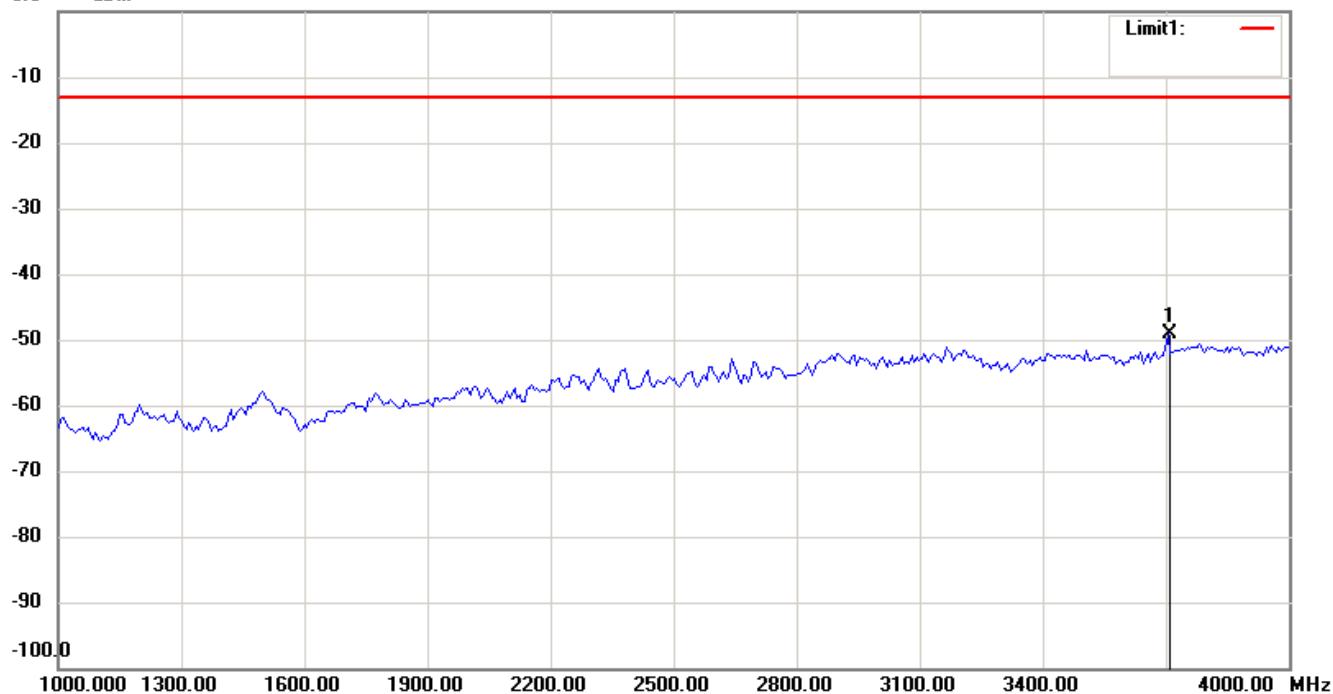
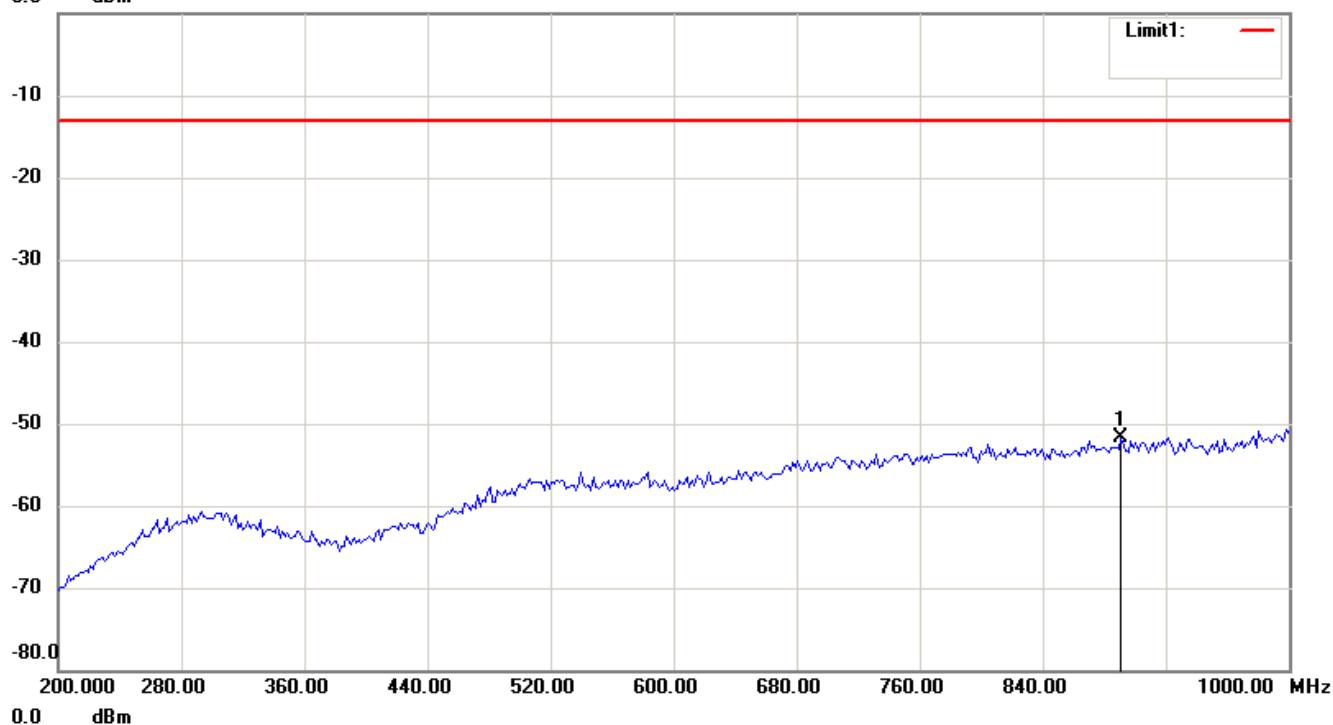


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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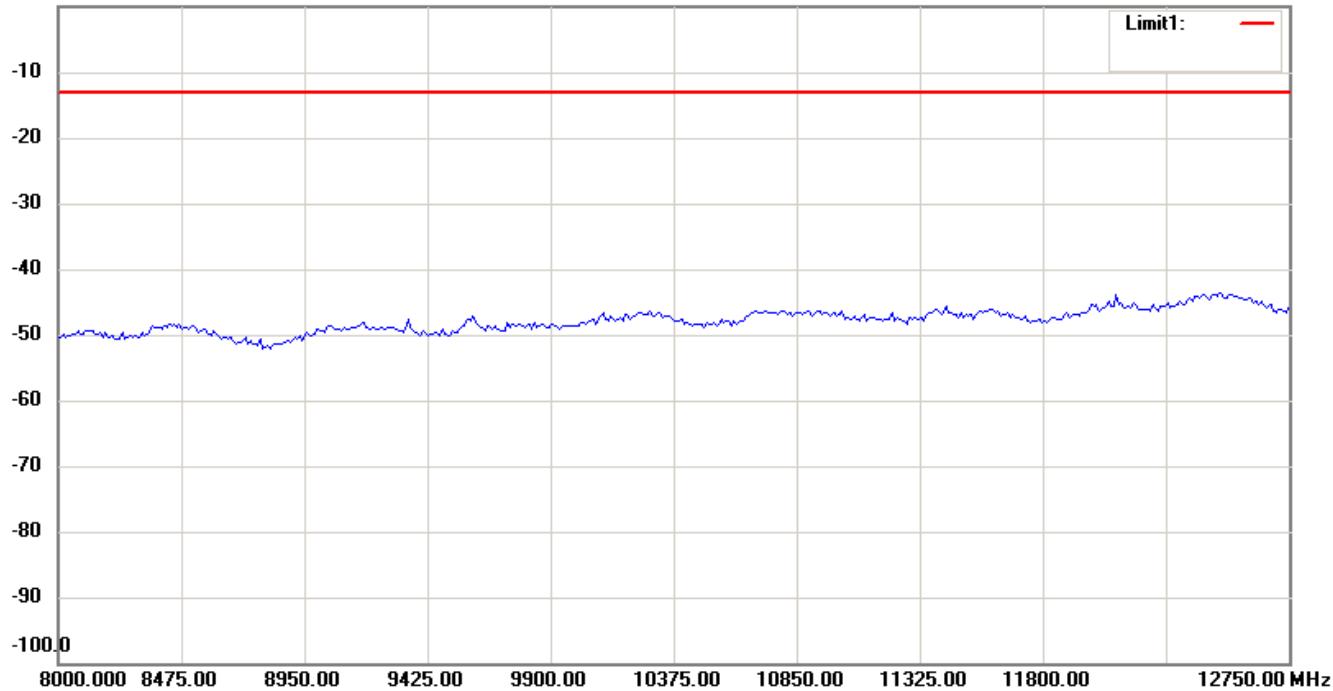
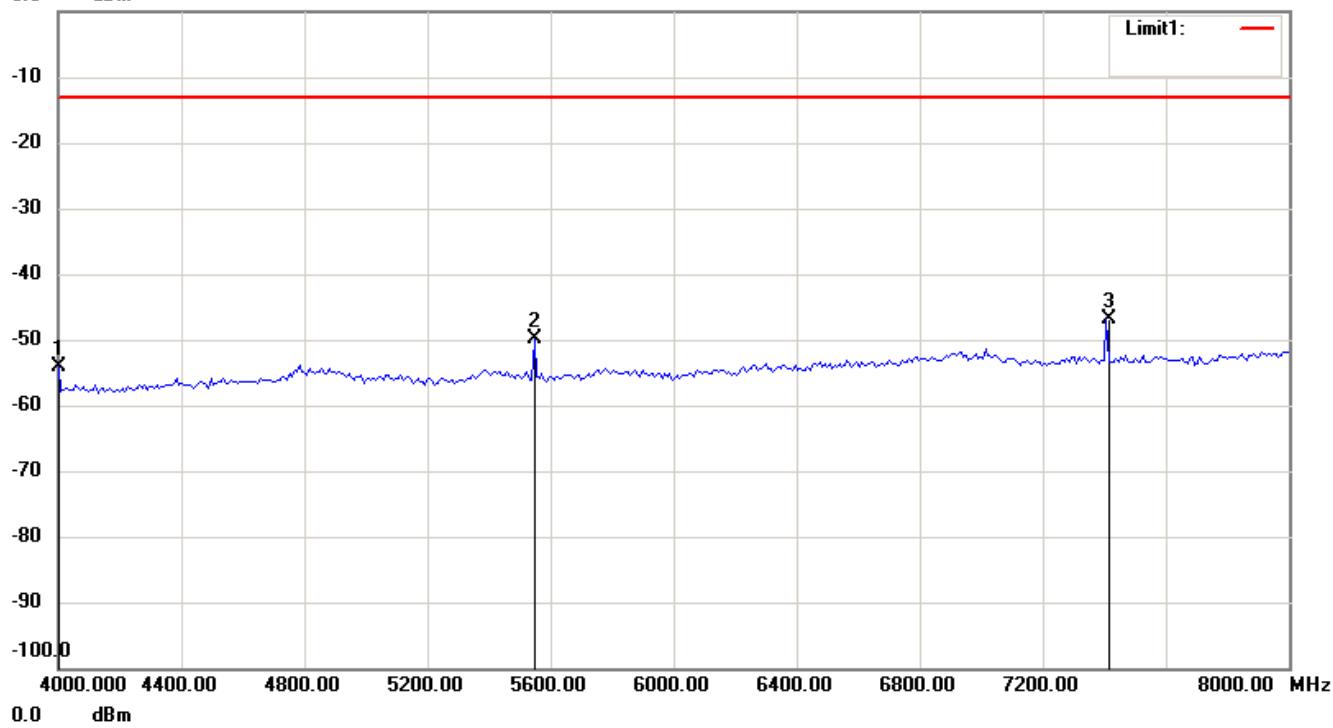


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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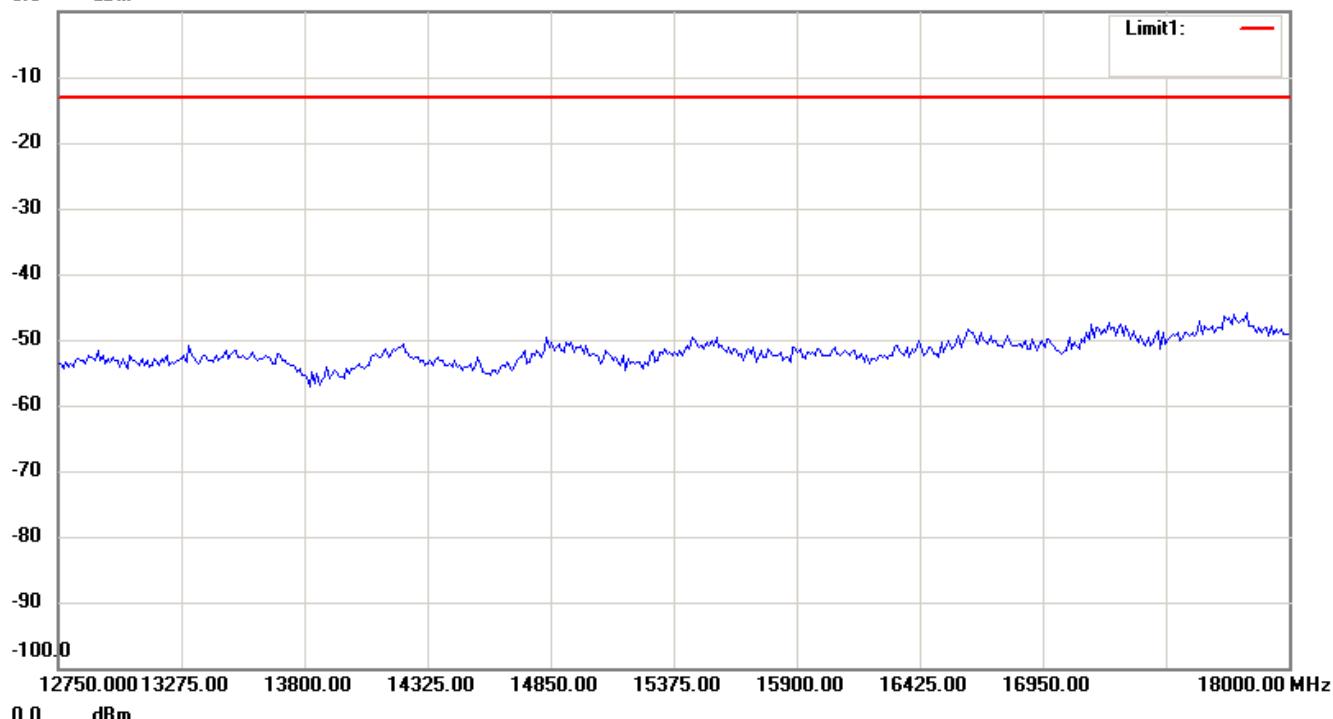


# Worldwide Testing Services(Taiwan) Co., Ltd.

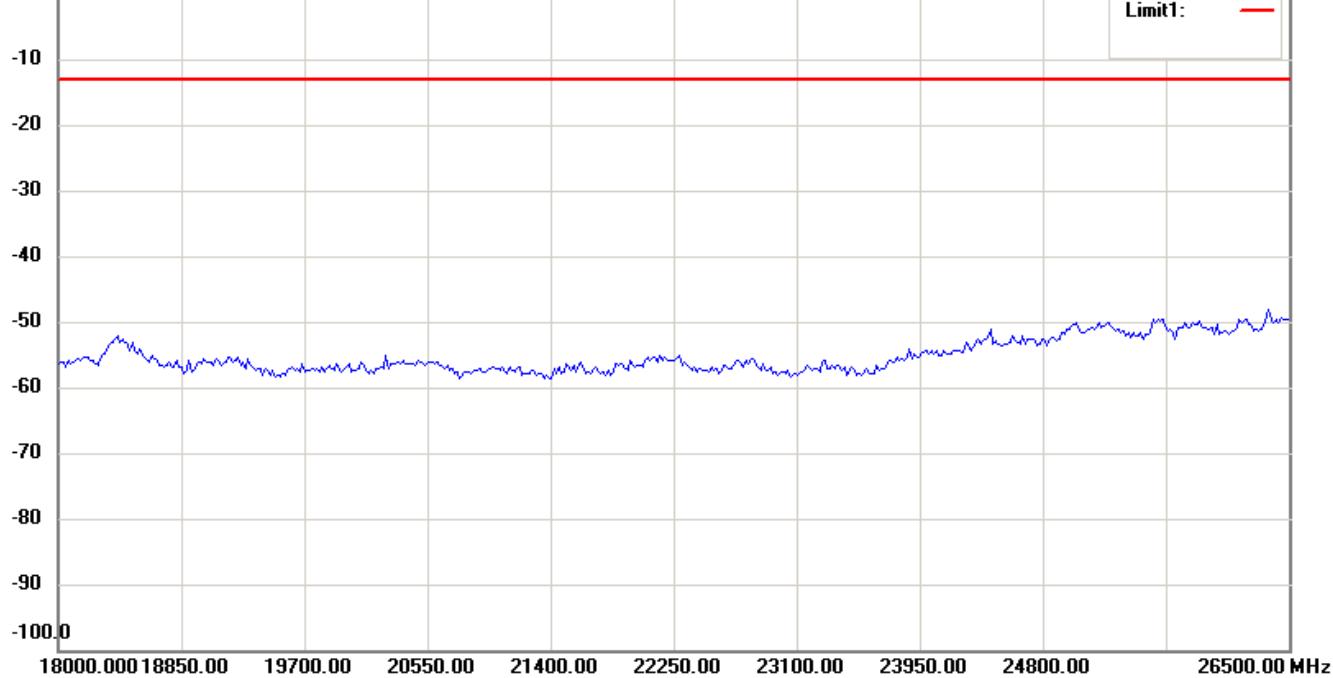
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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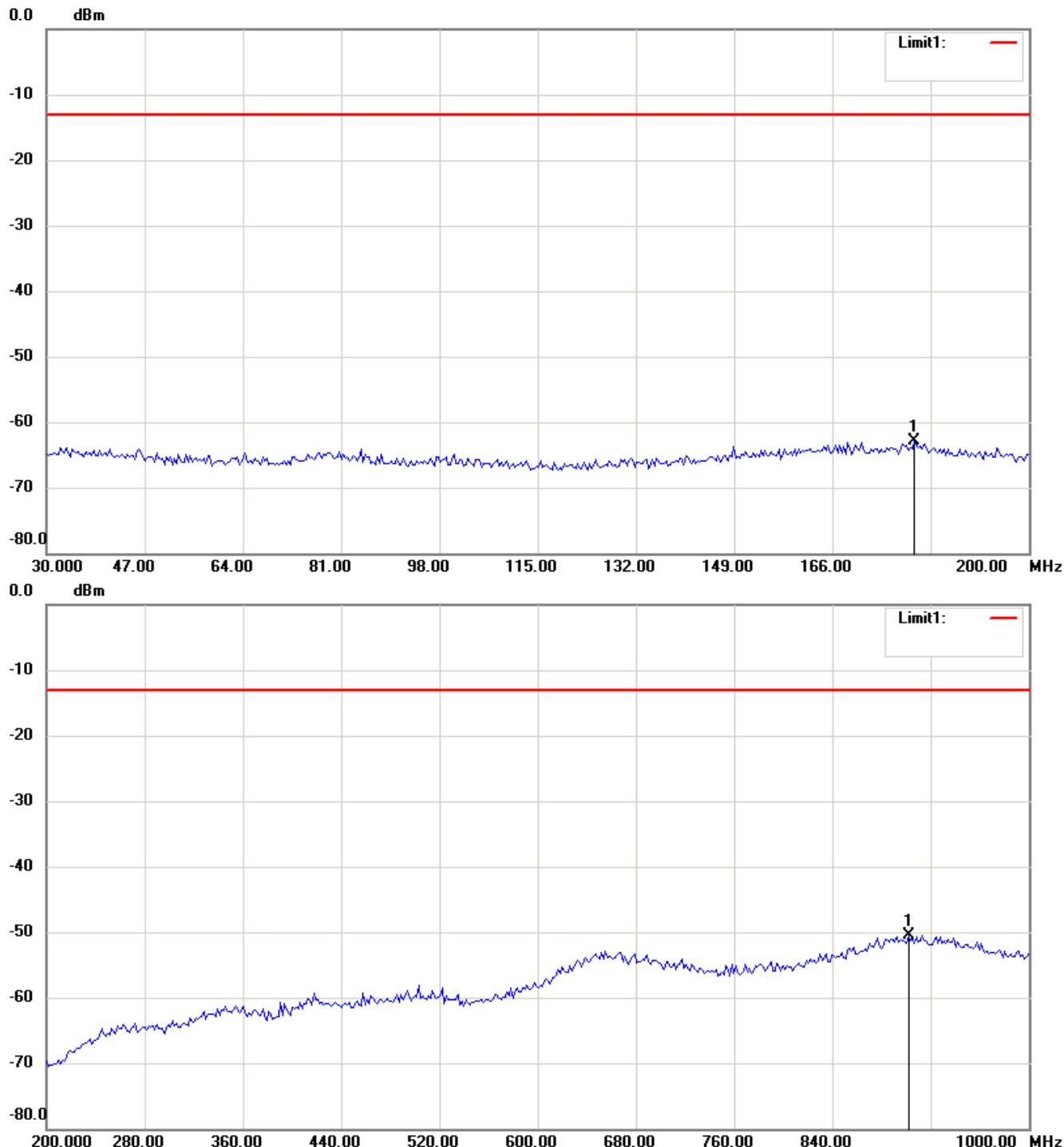
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

1900 band\_CH 512\_4.07 V

Antenna Polarization H



## Note:

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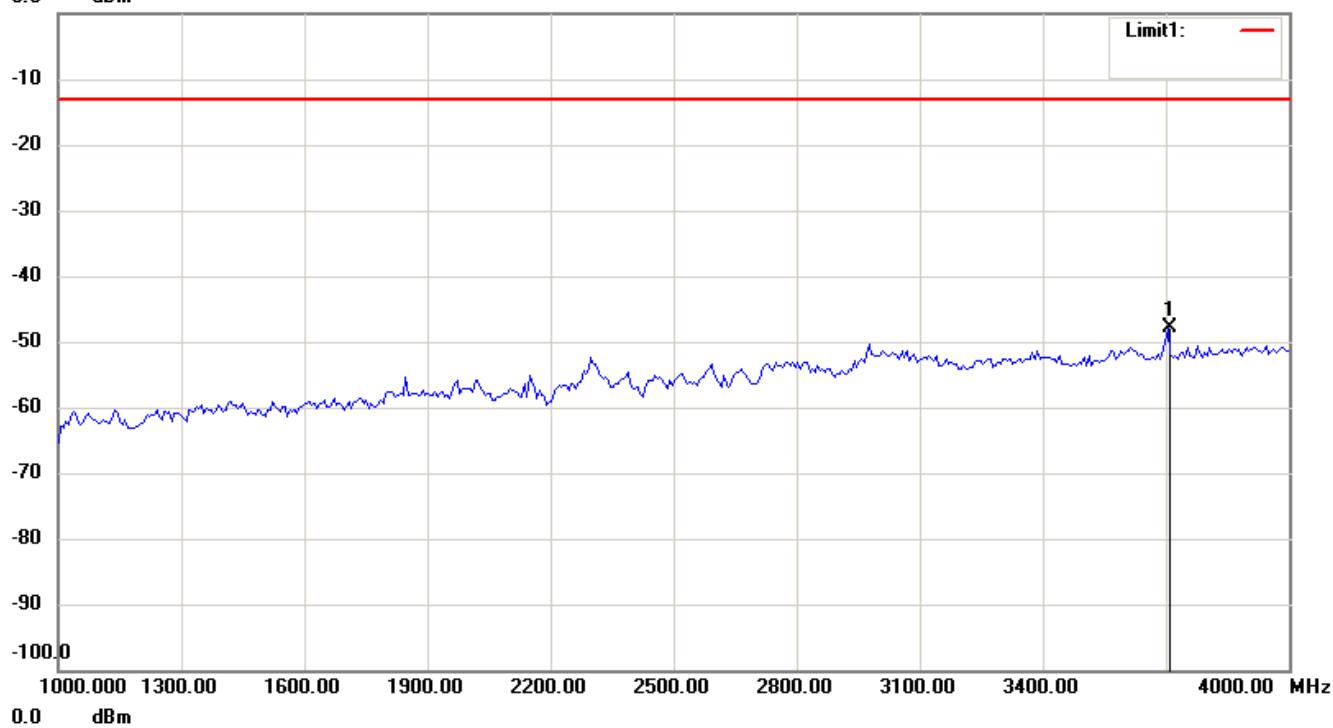


# Worldwide Testing Services(Taiwan) Co., Ltd.

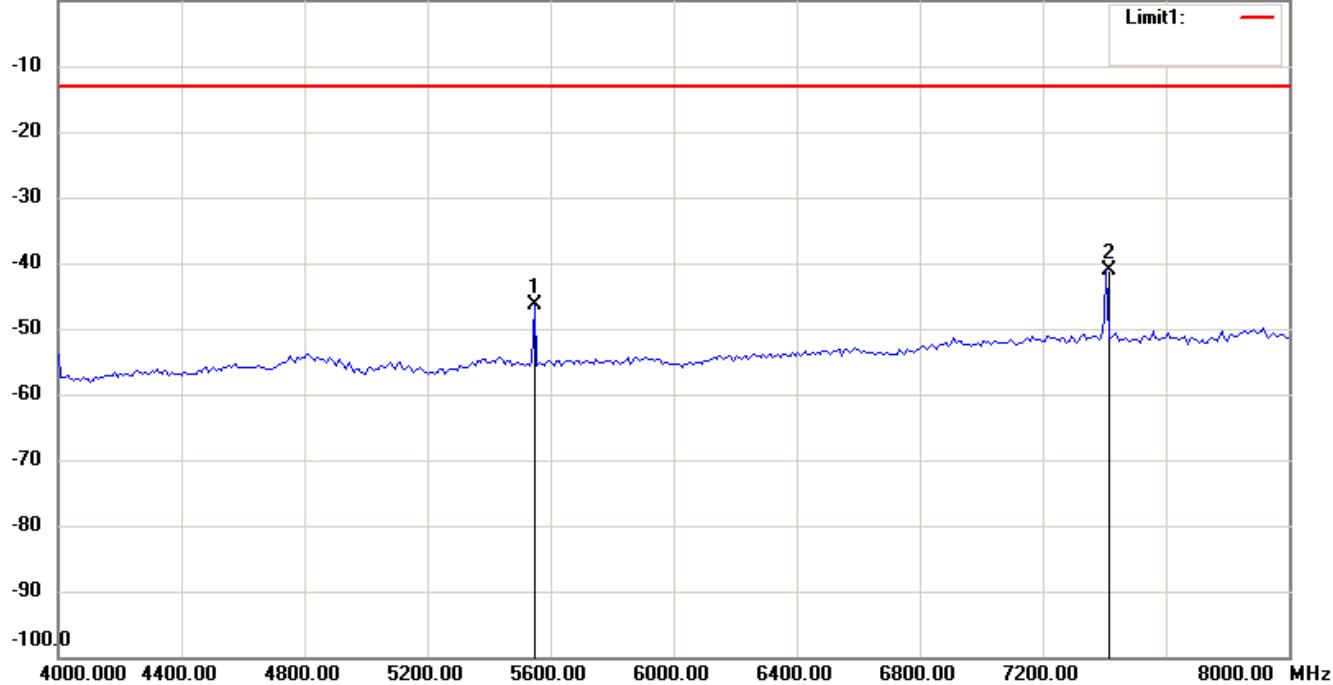
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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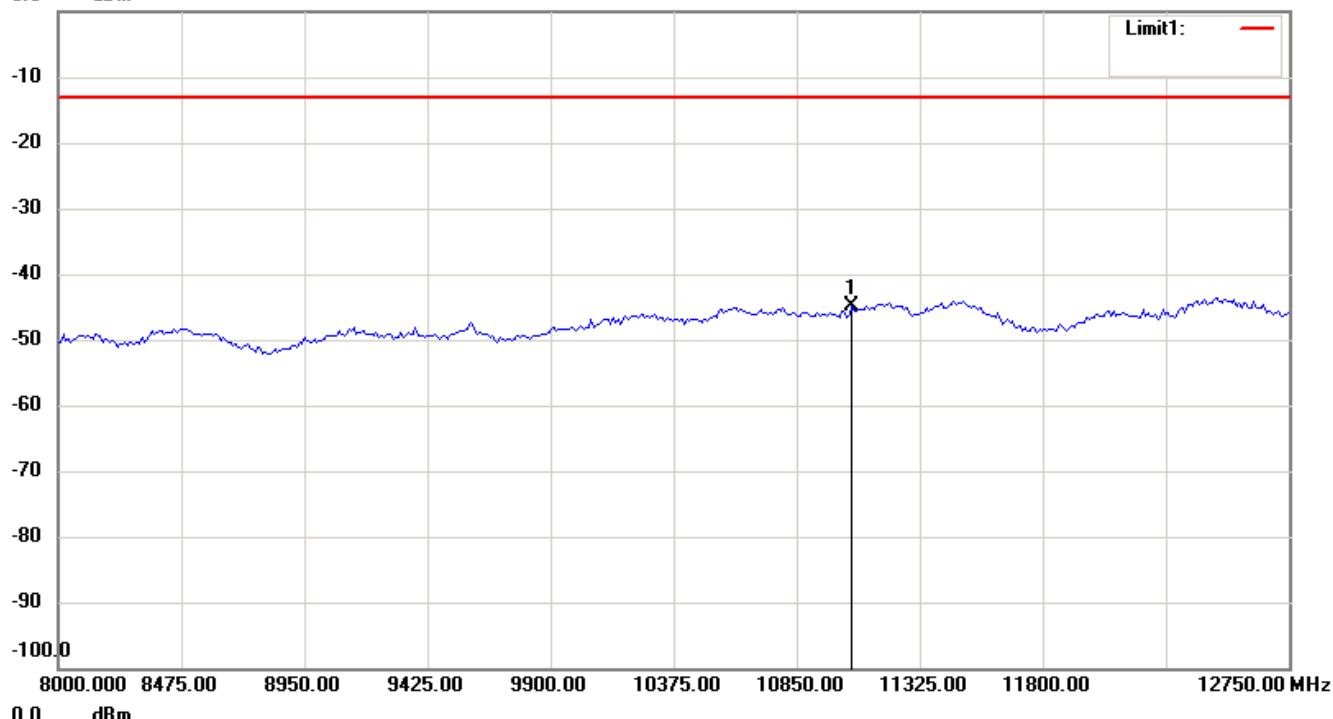


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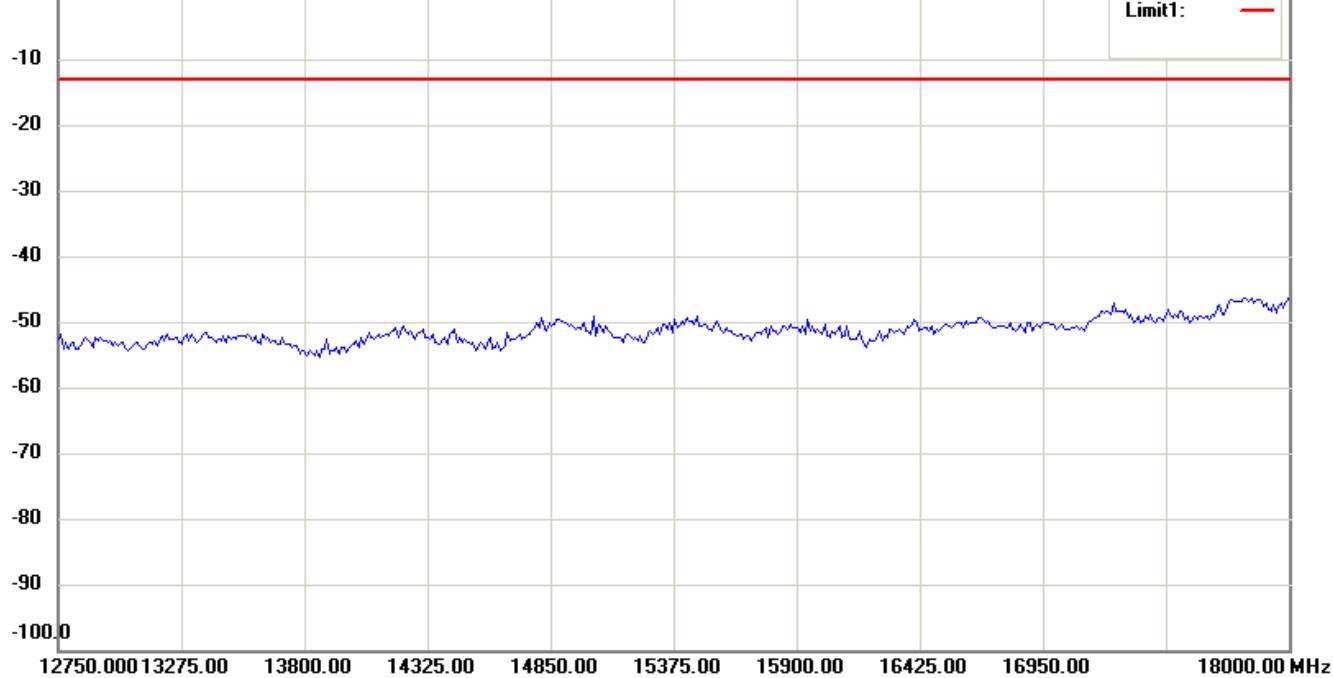
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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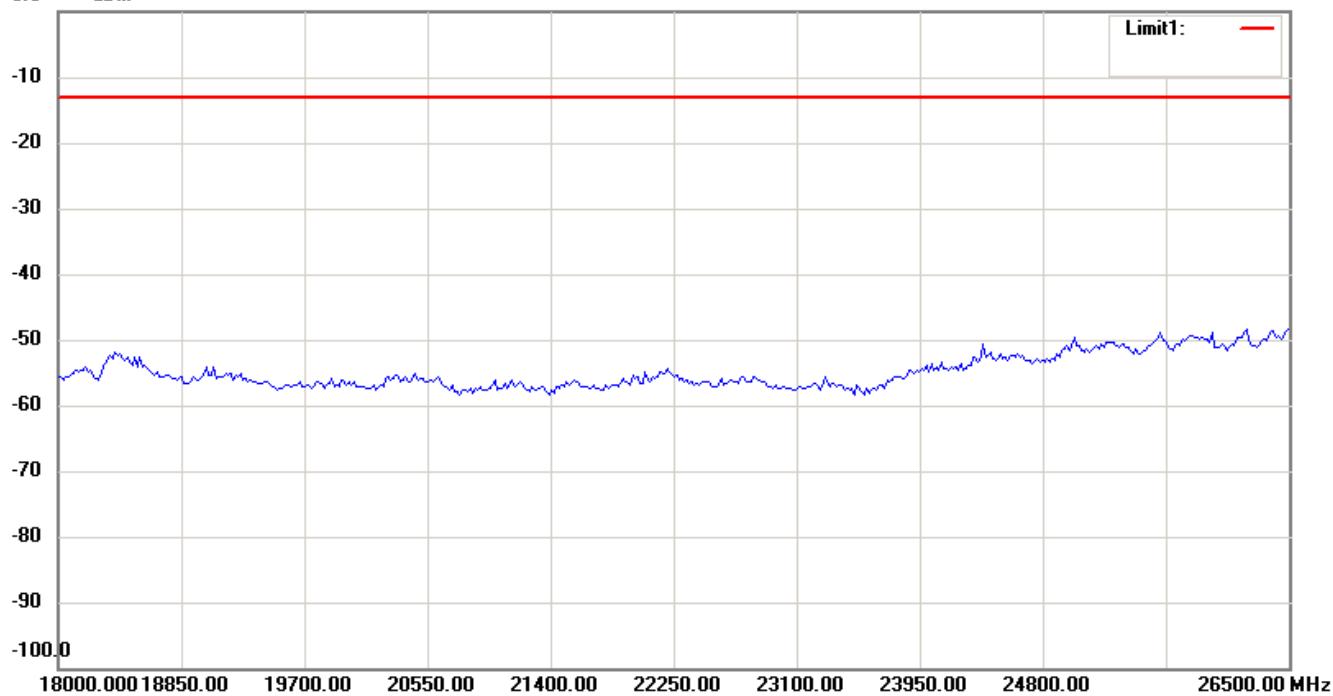


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

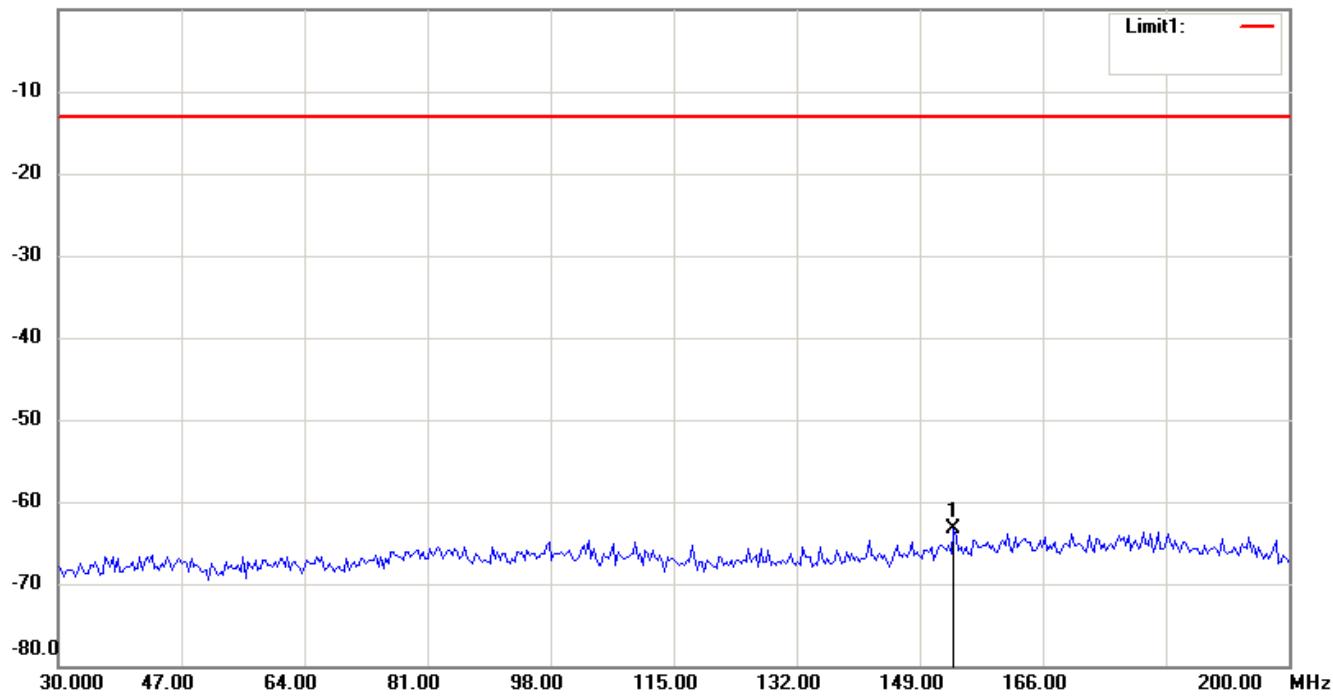
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



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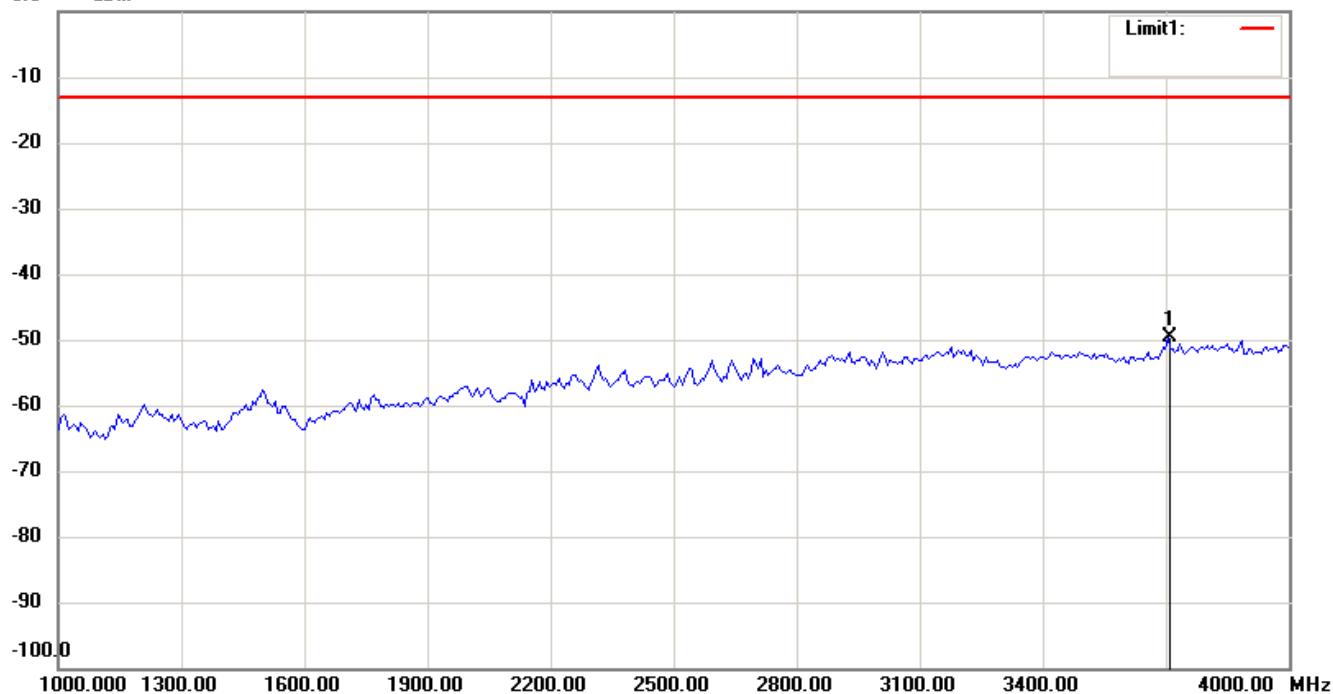
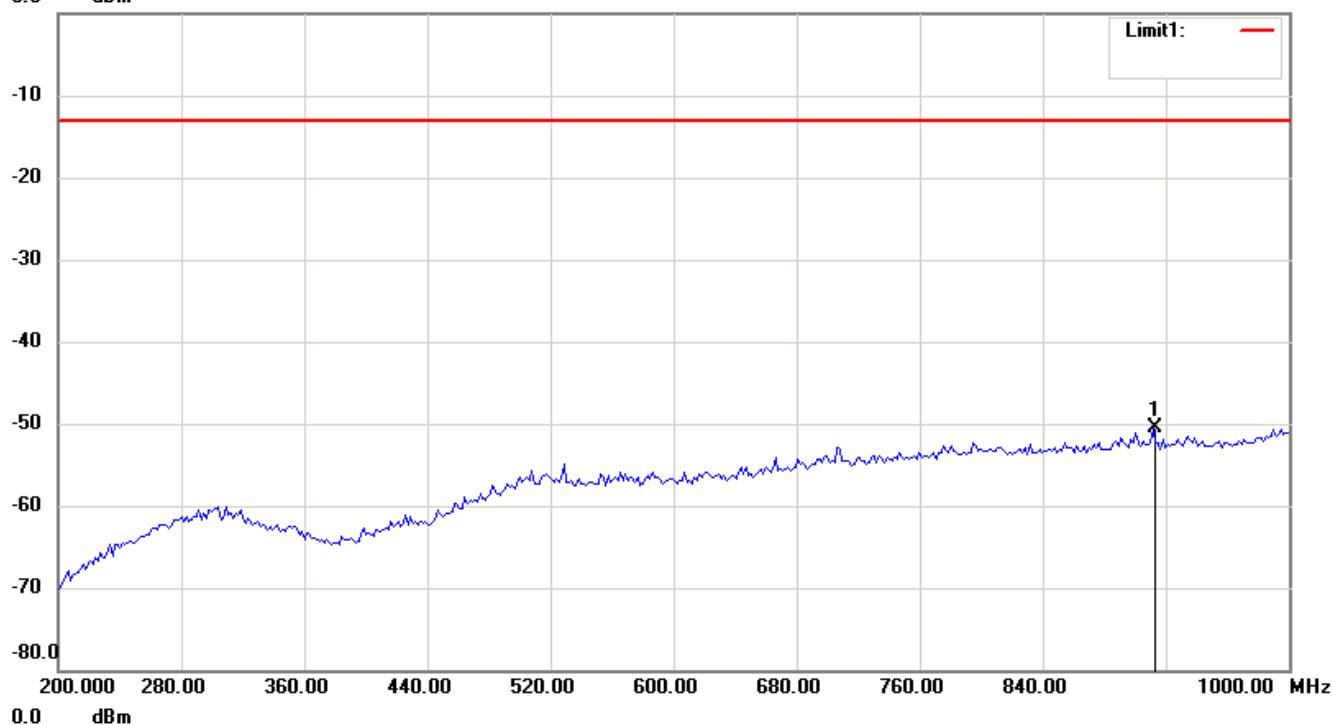


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Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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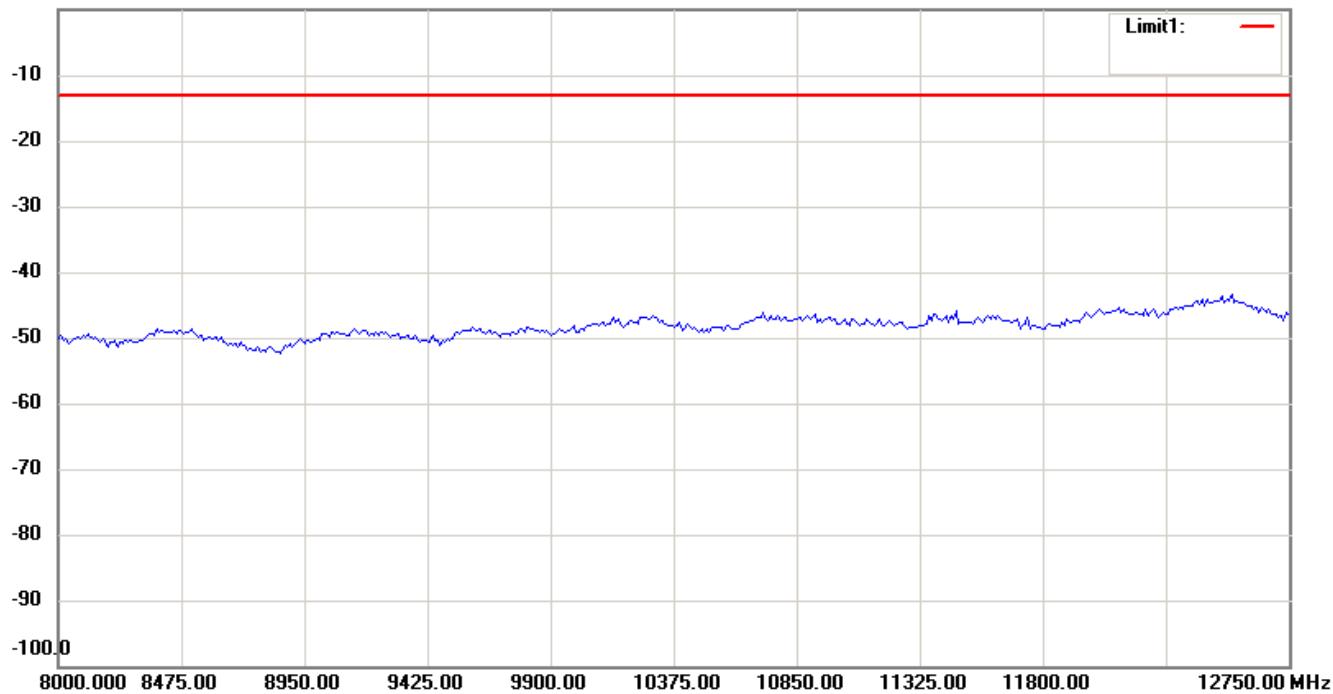
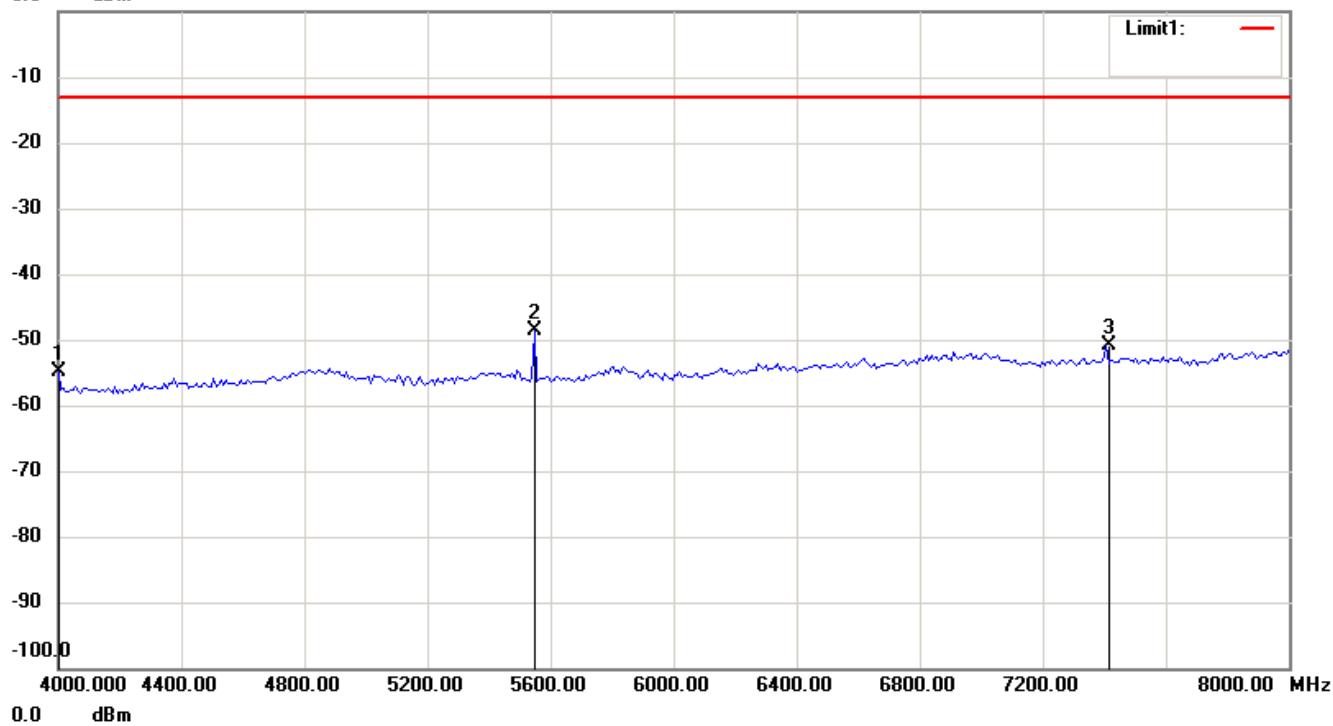


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Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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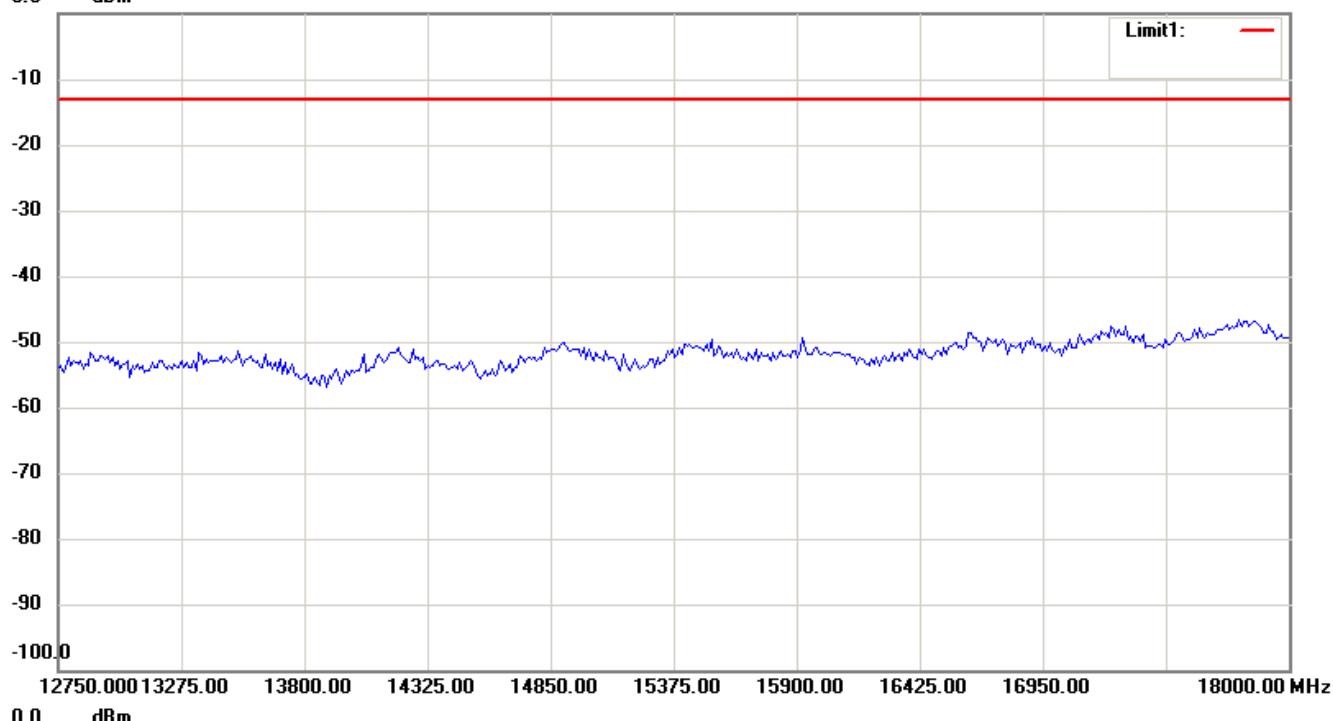


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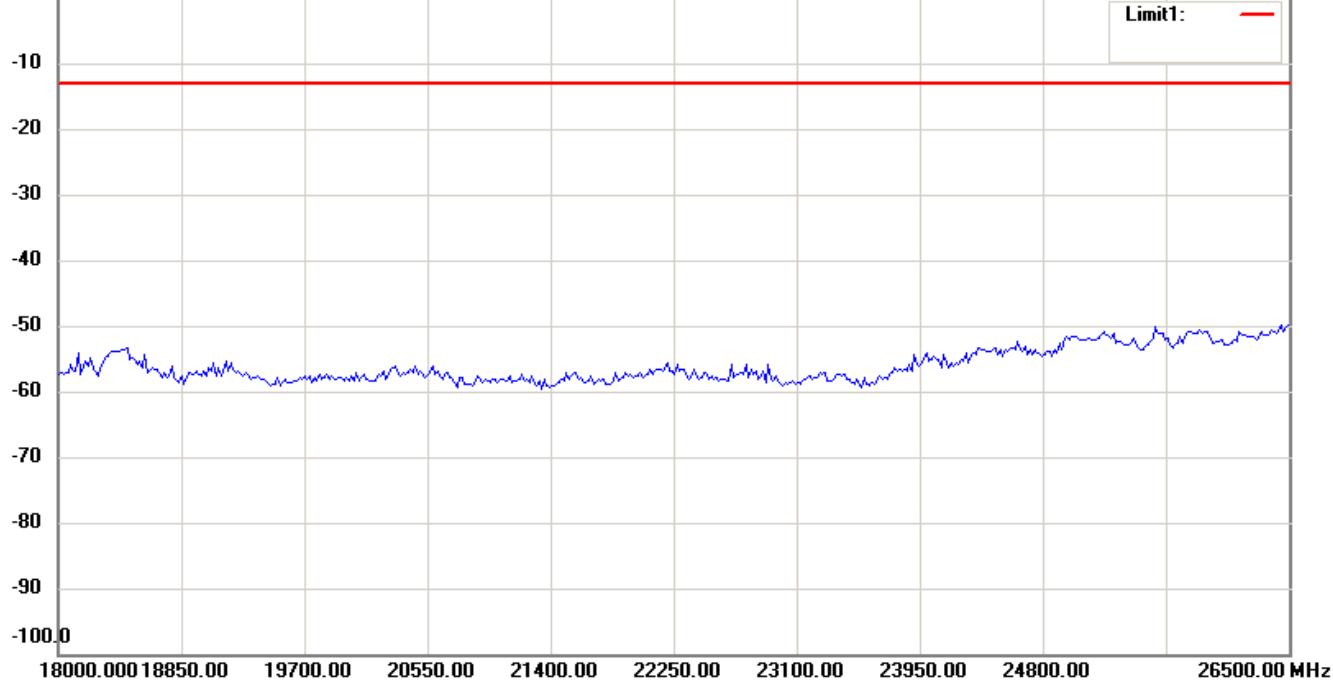
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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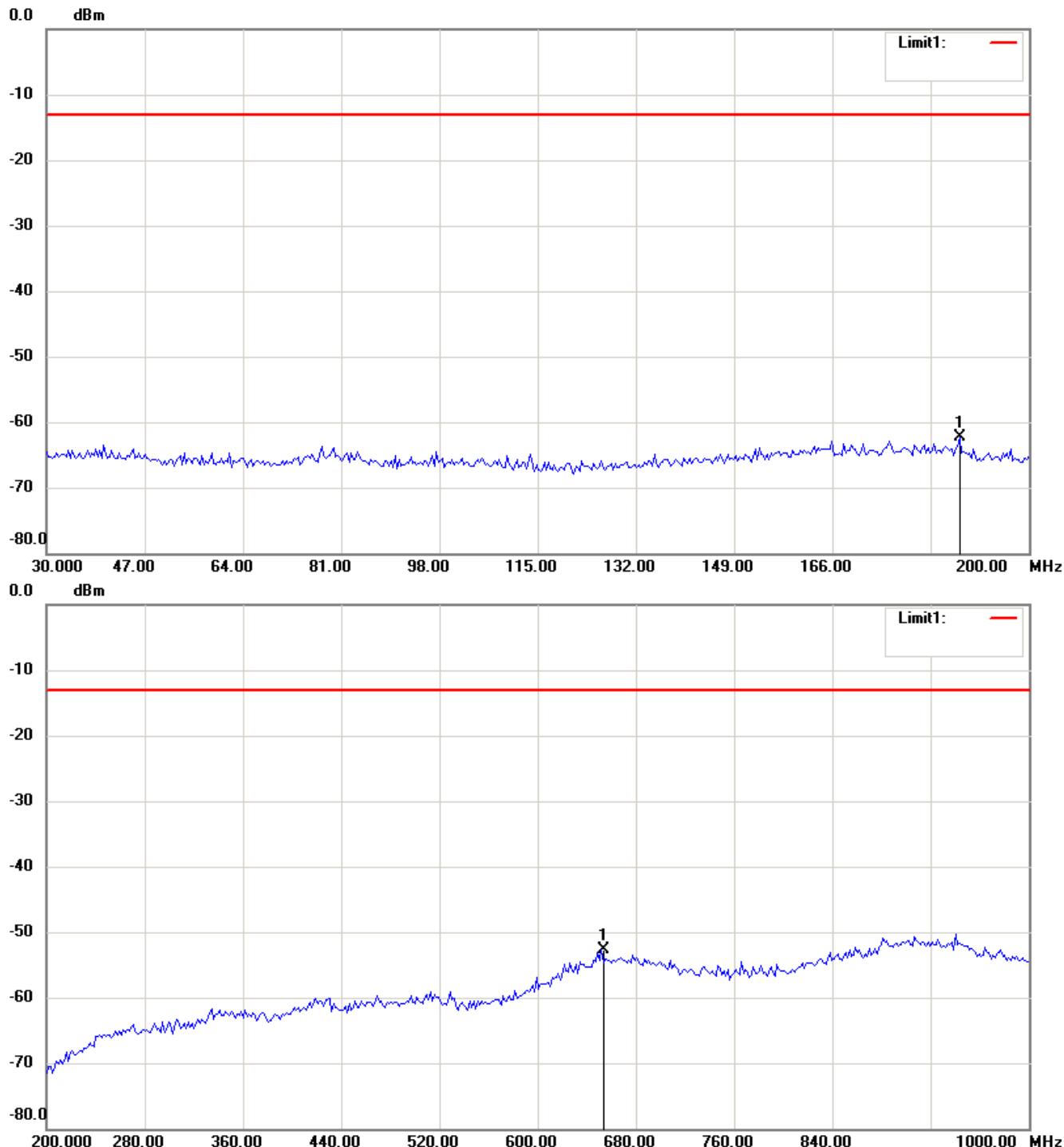
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

1900 band\_CH 661\_3.5 V

Antenna Polarization H



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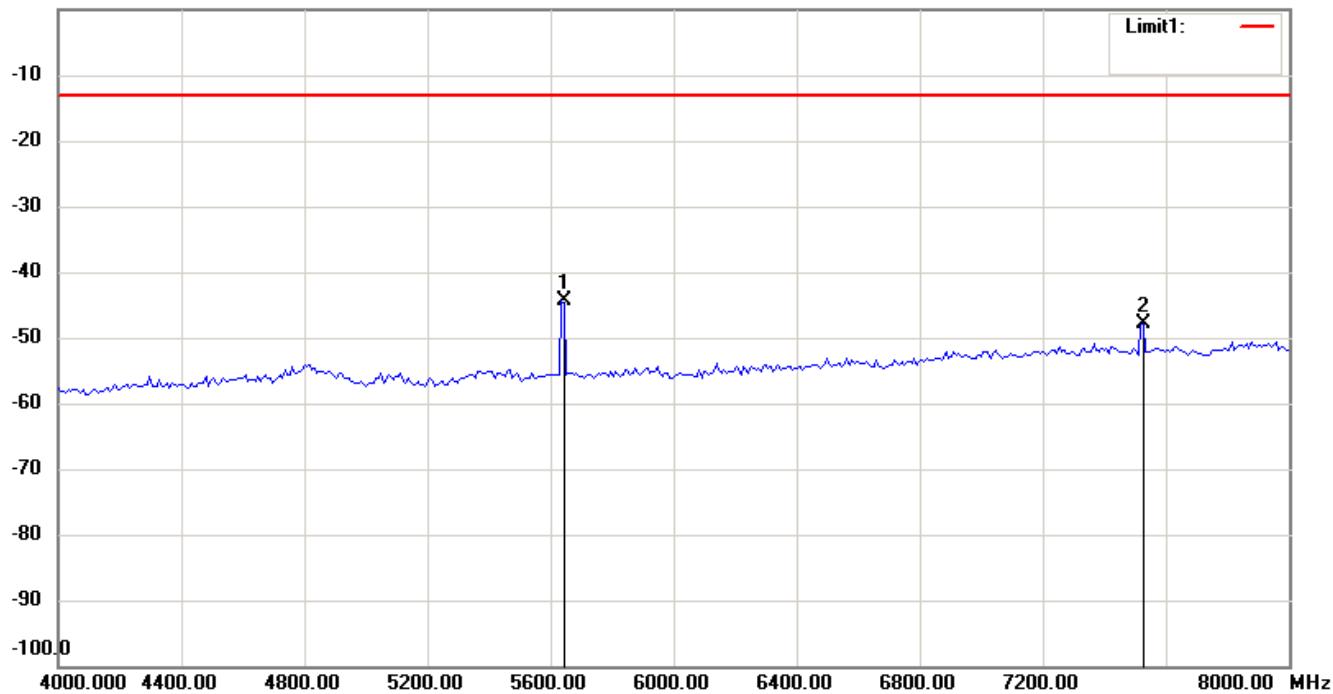
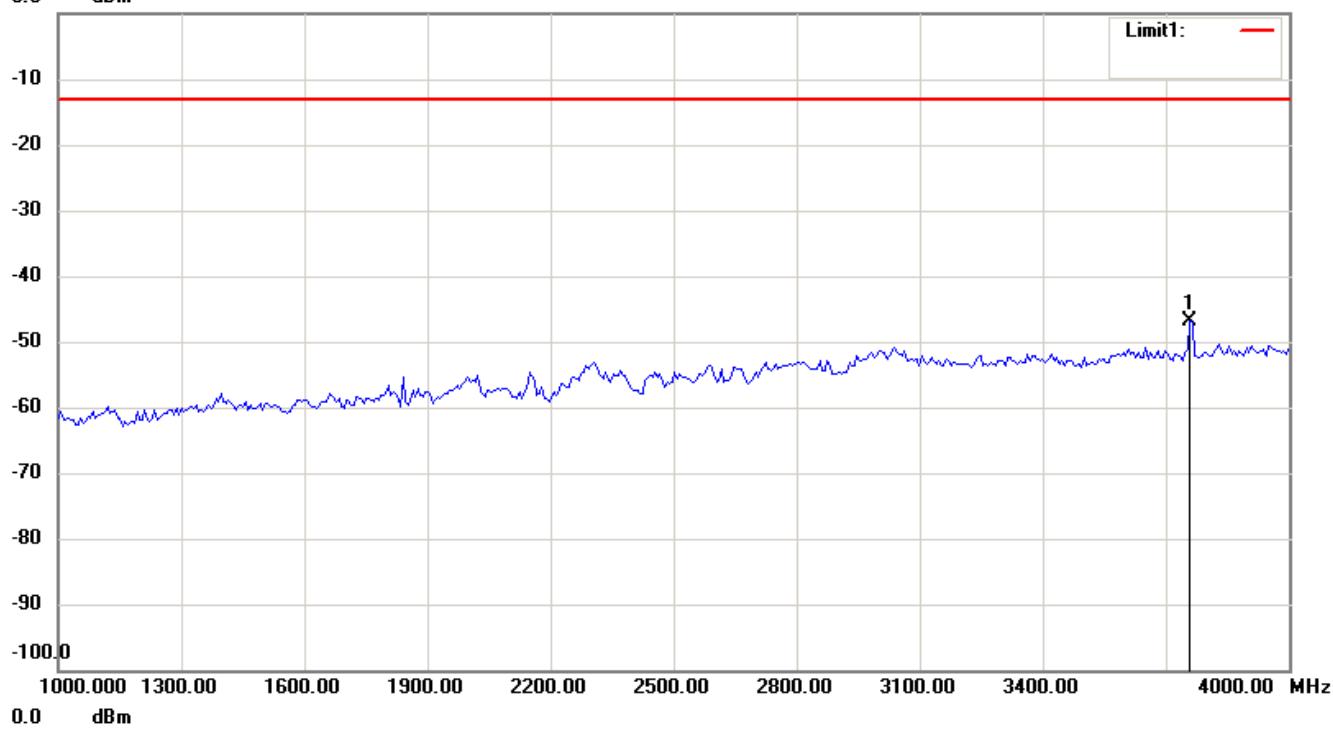


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



**Note:**

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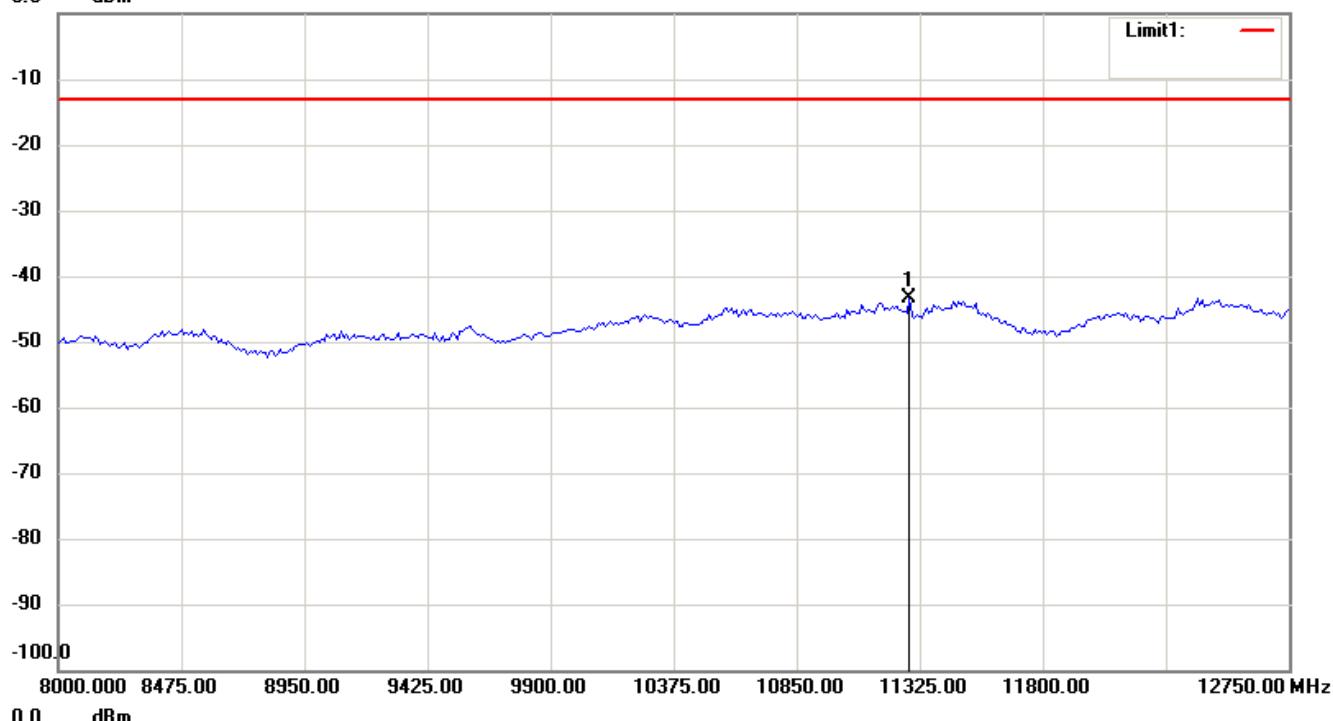


# Worldwide Testing Services(Taiwan) Co., Ltd.

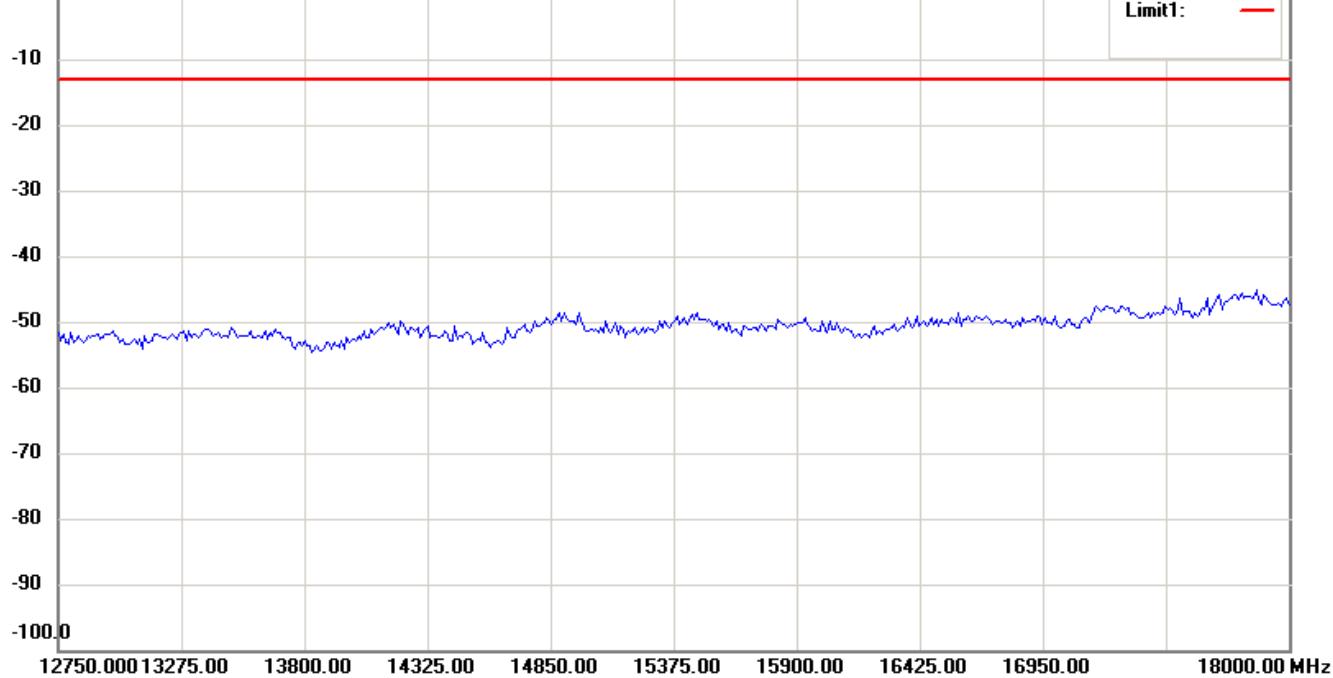
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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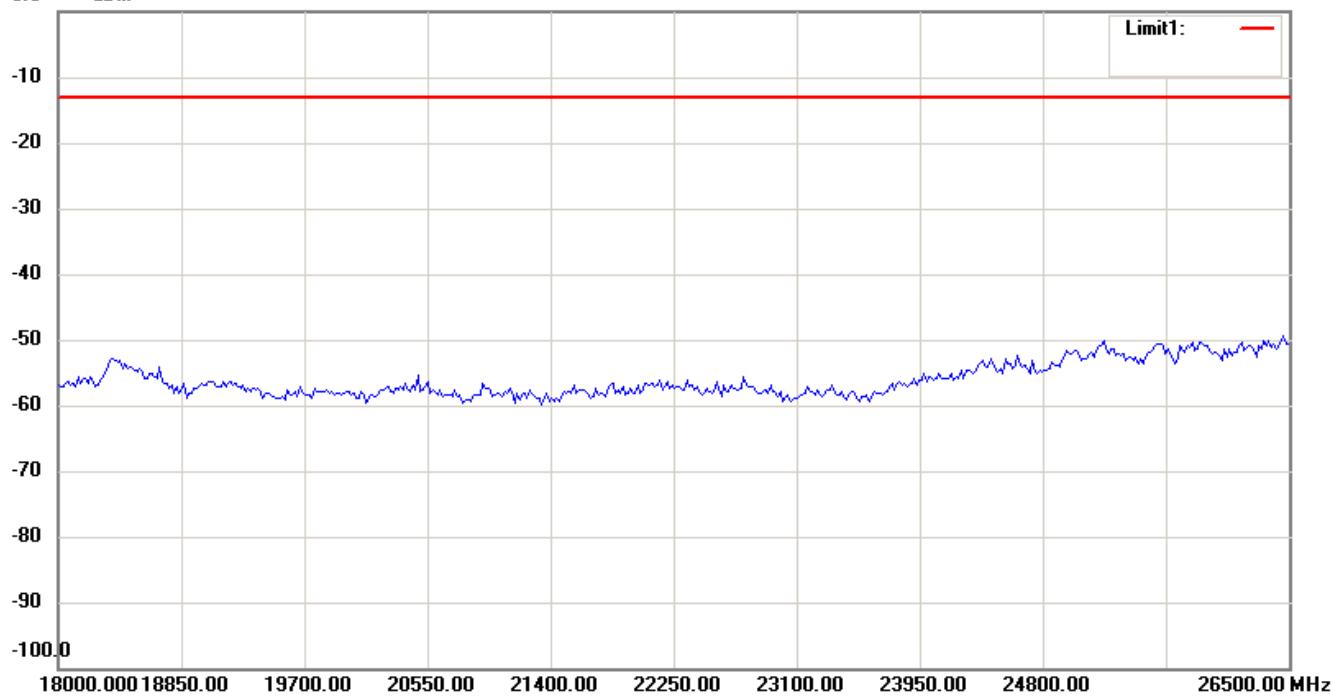


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

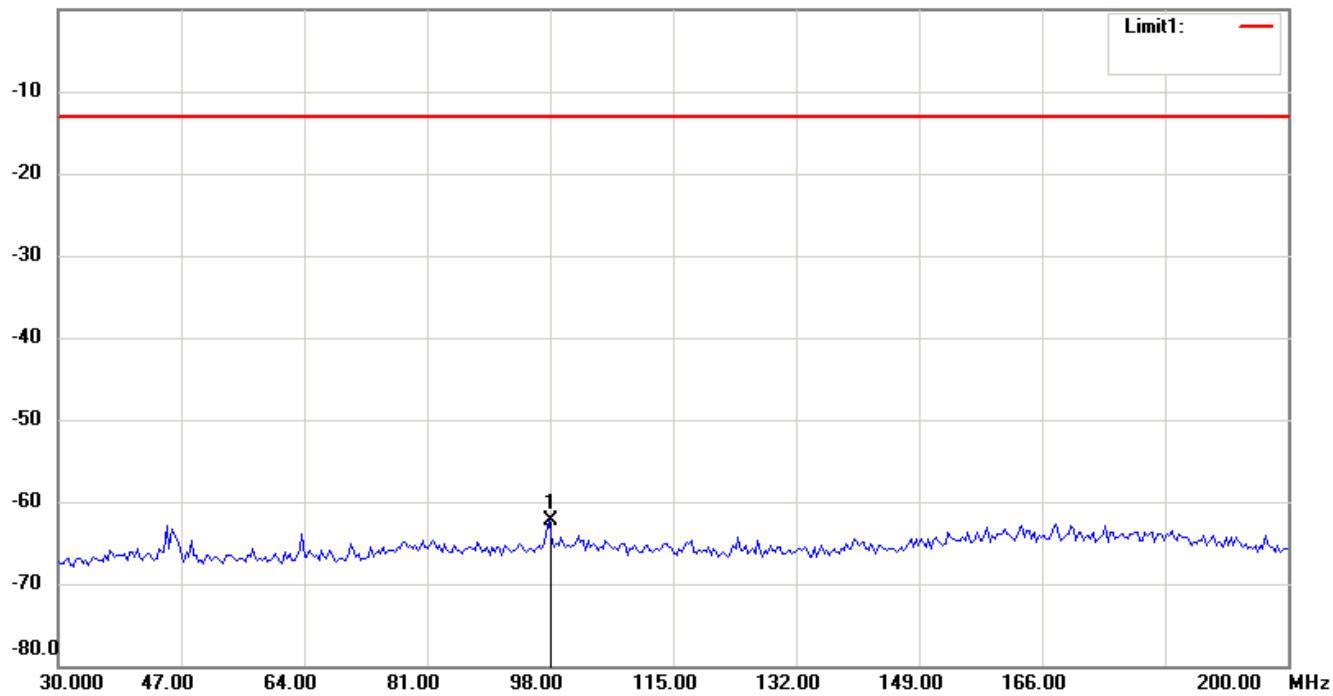
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



**Note:**

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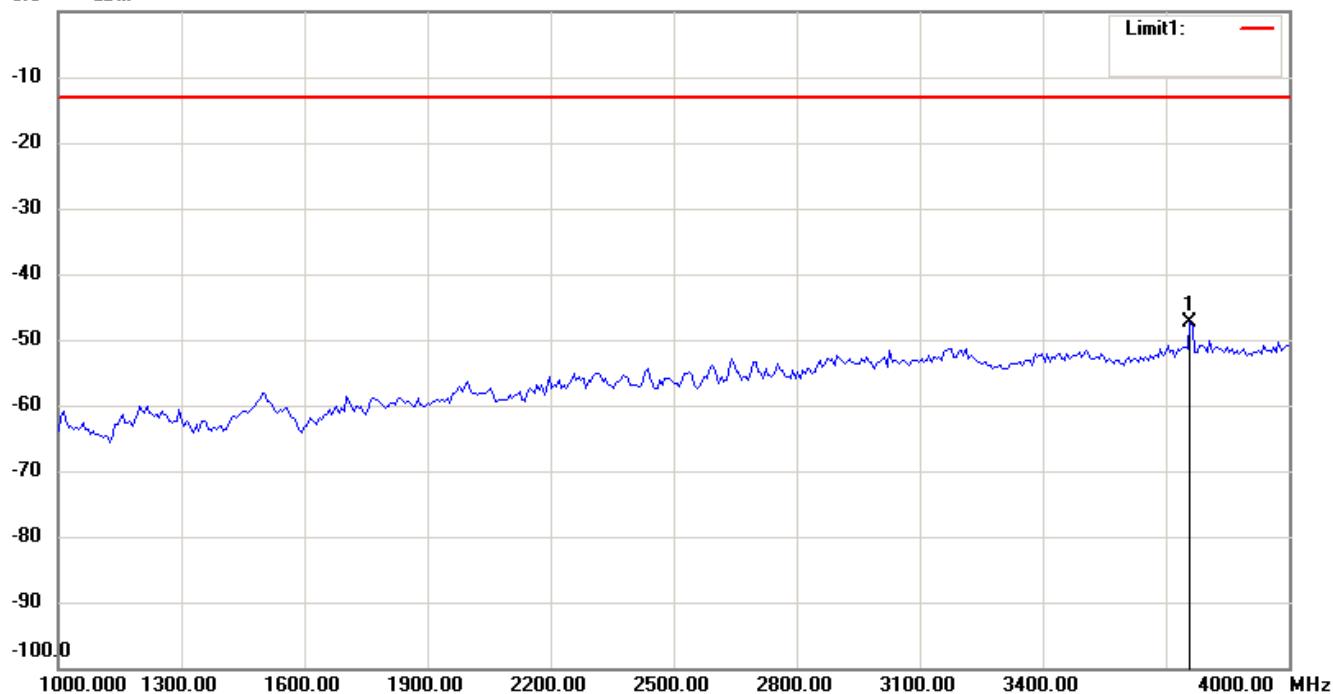
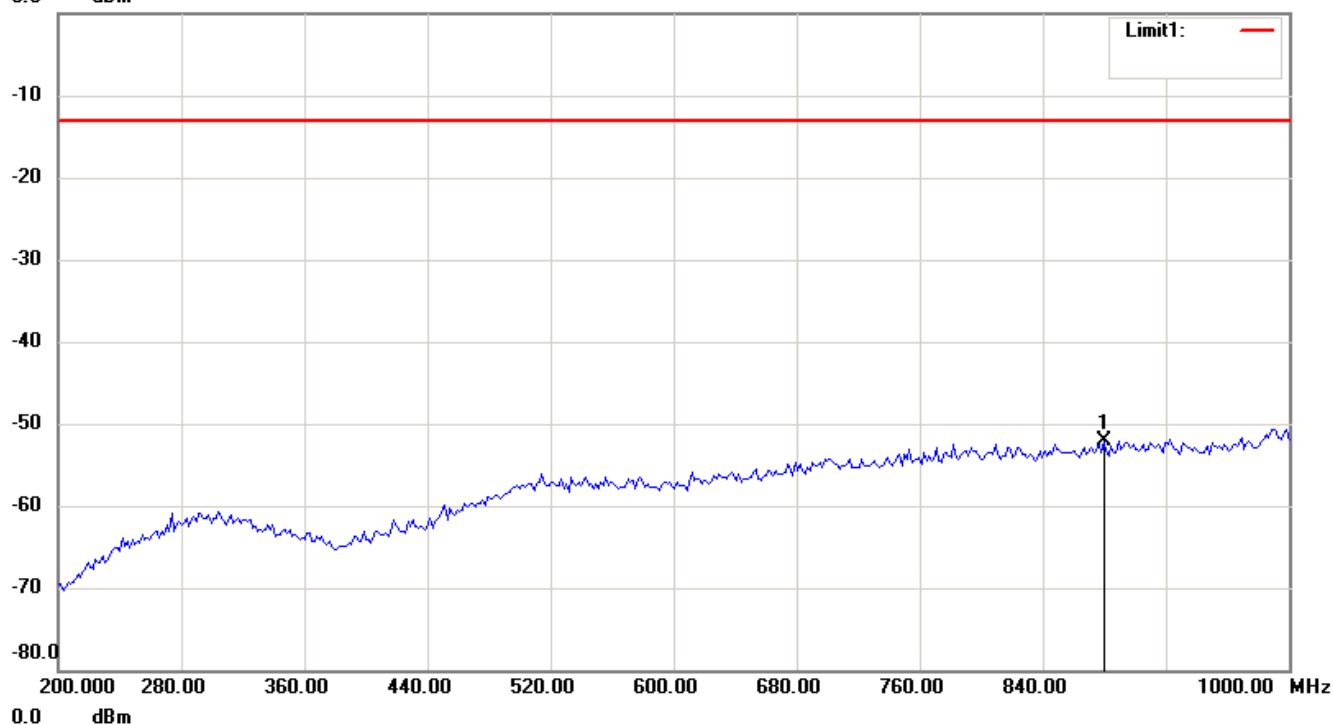


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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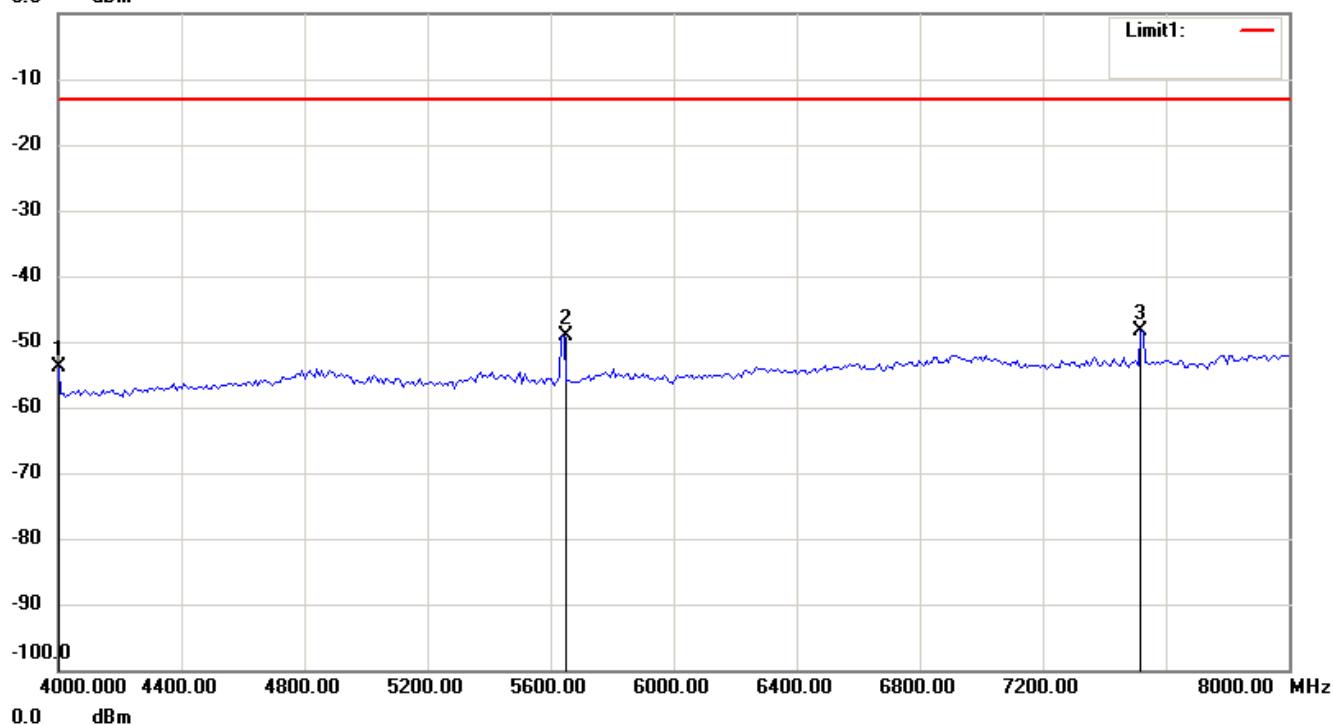


# Worldwide Testing Services(Taiwan) Co., Ltd.

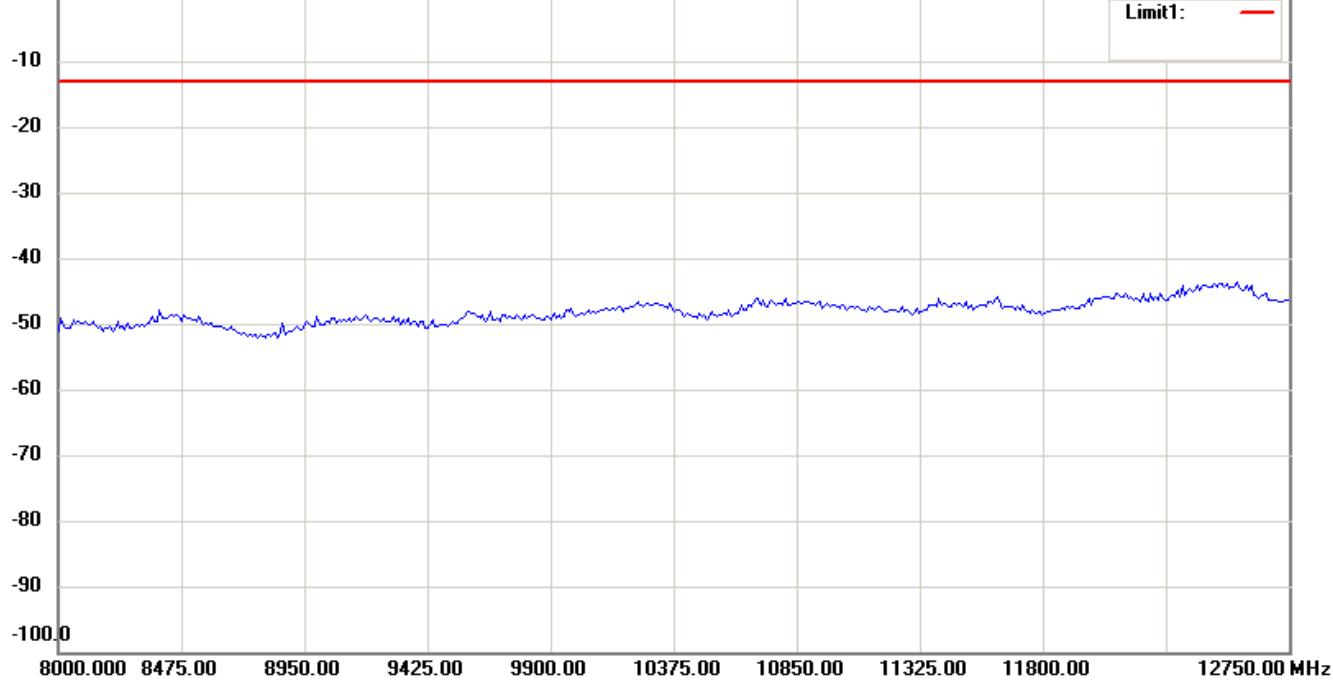
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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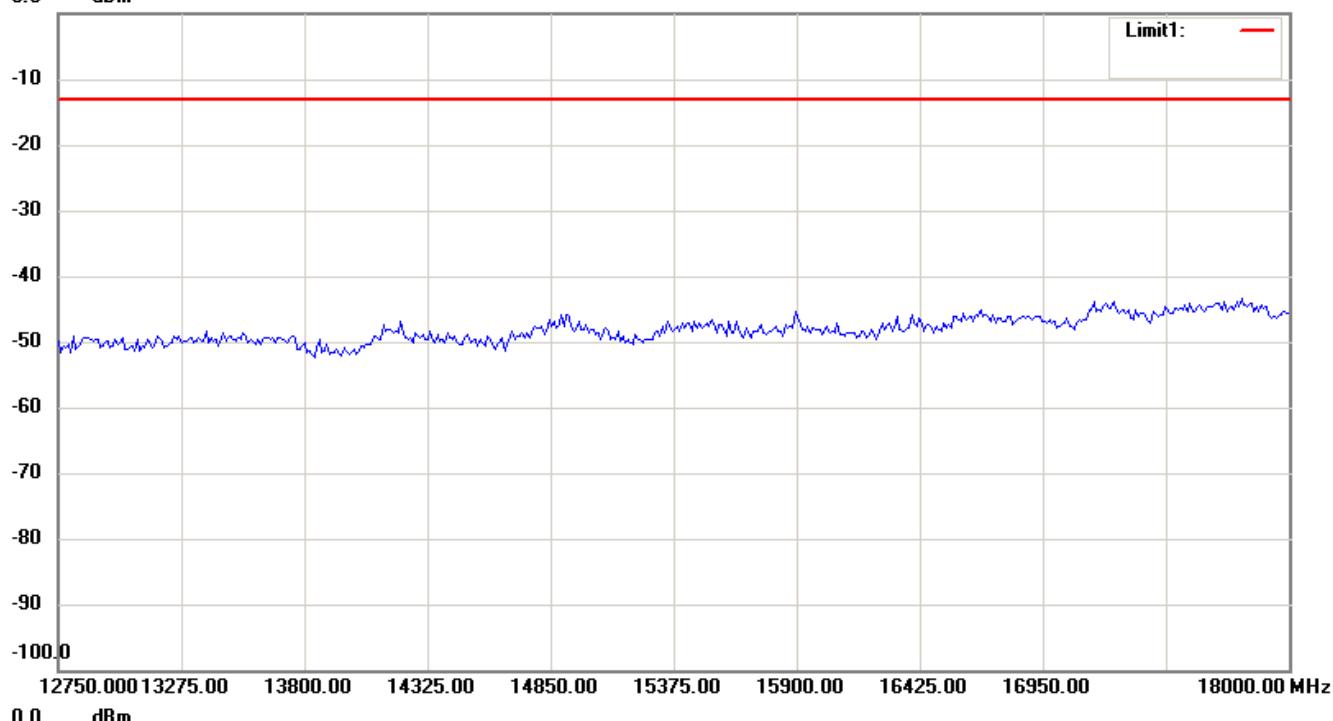


# Worldwide Testing Services(Taiwan) Co., Ltd.

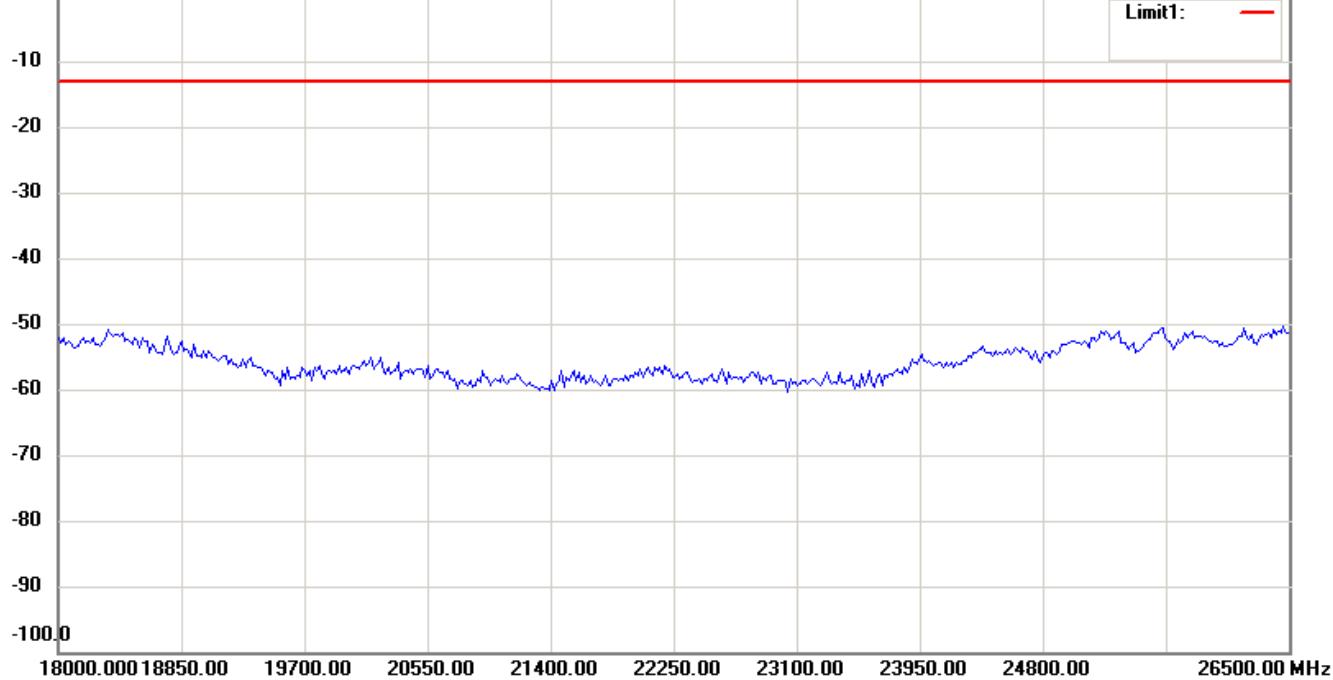
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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3. For corrected test results are listed in the relevant table of radiated test data of this test report.



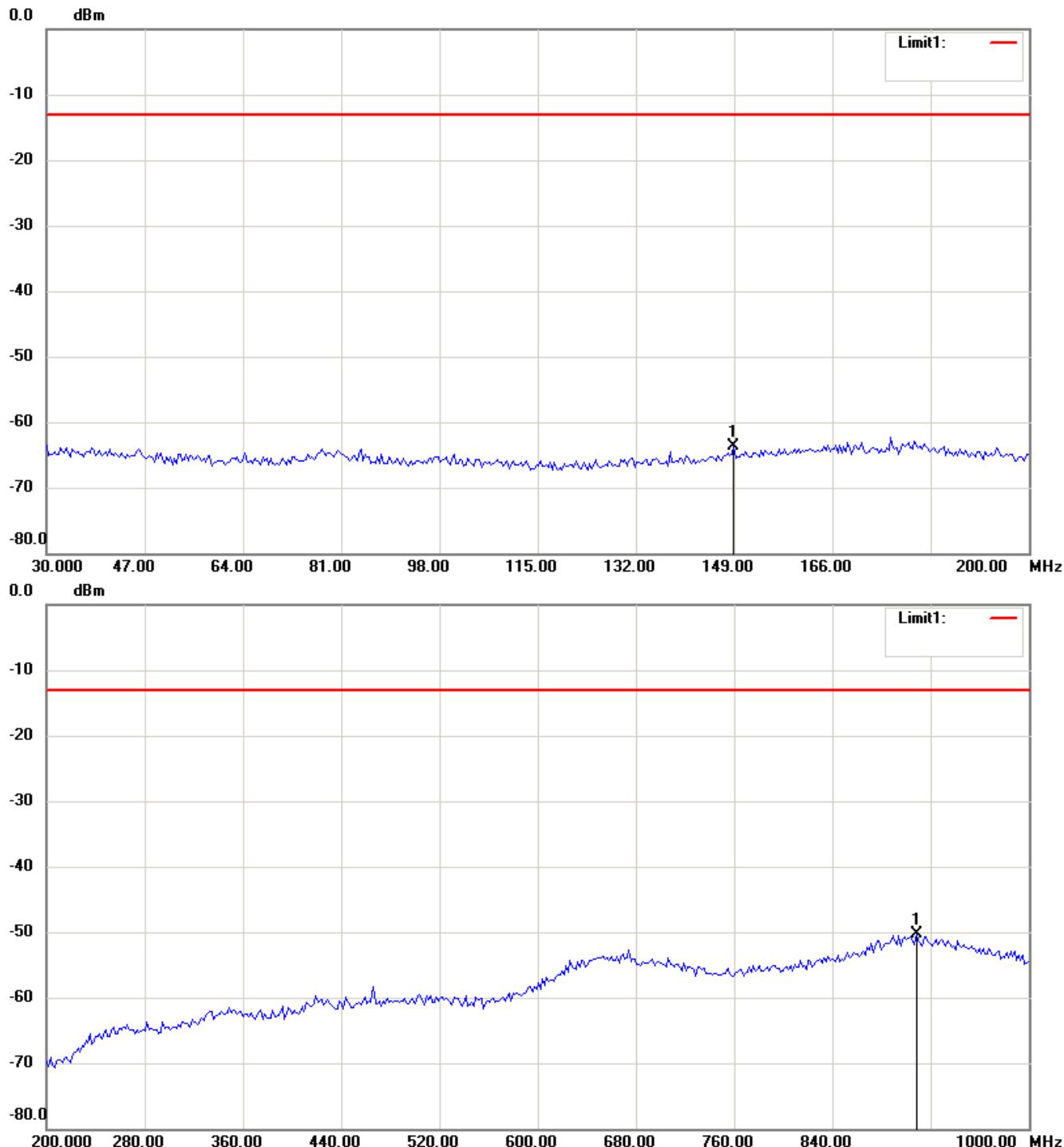
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

1900 band\_CH 661\_4.07 V

Antenna Polarization H



**Note:**

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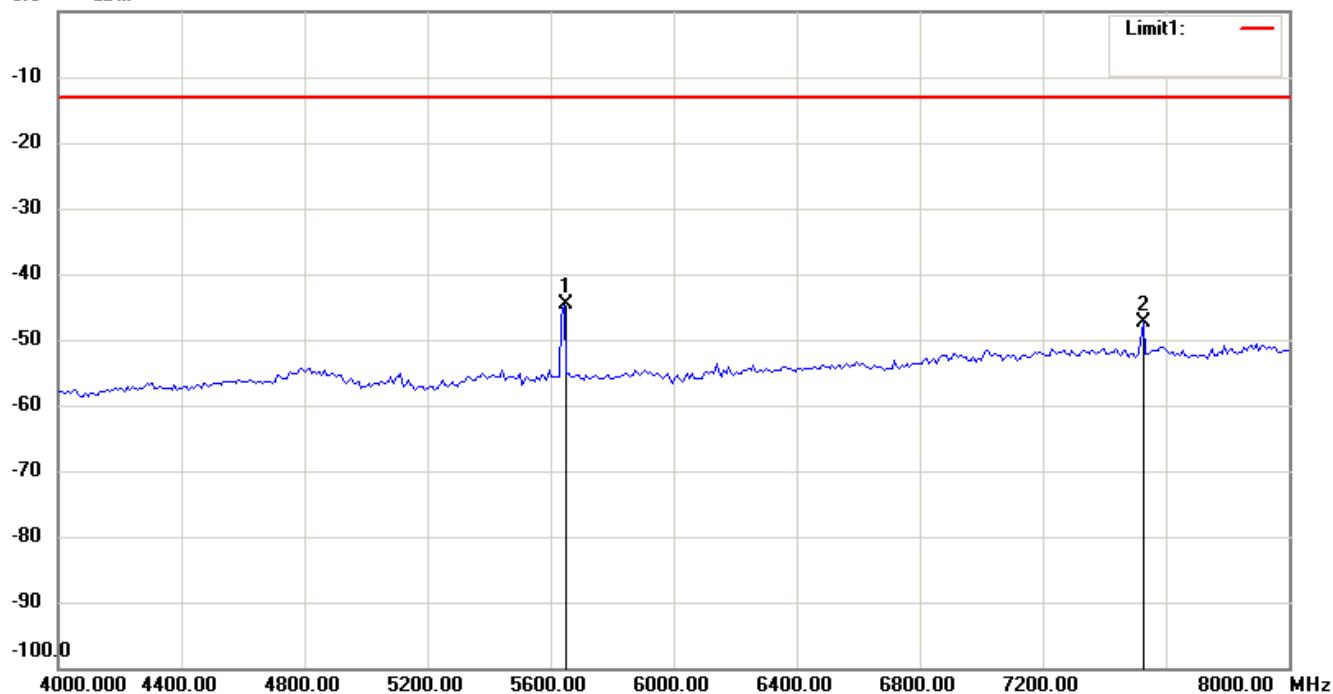
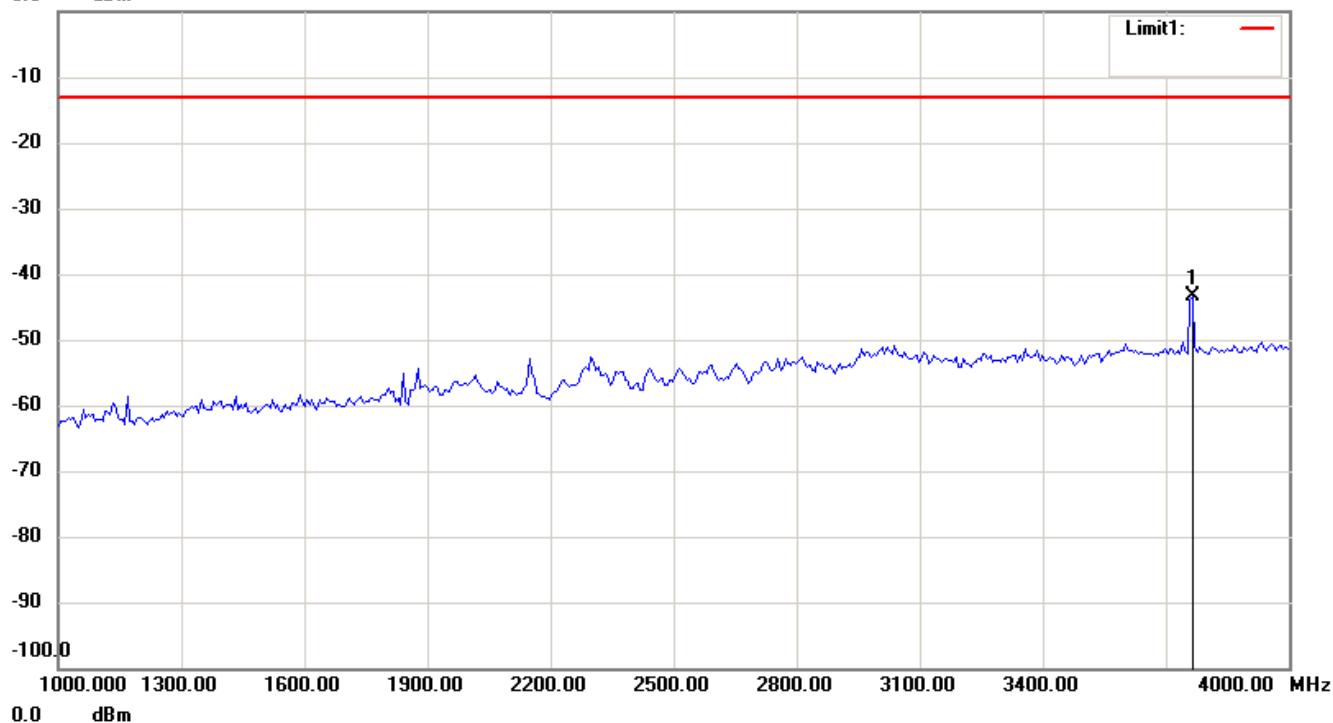


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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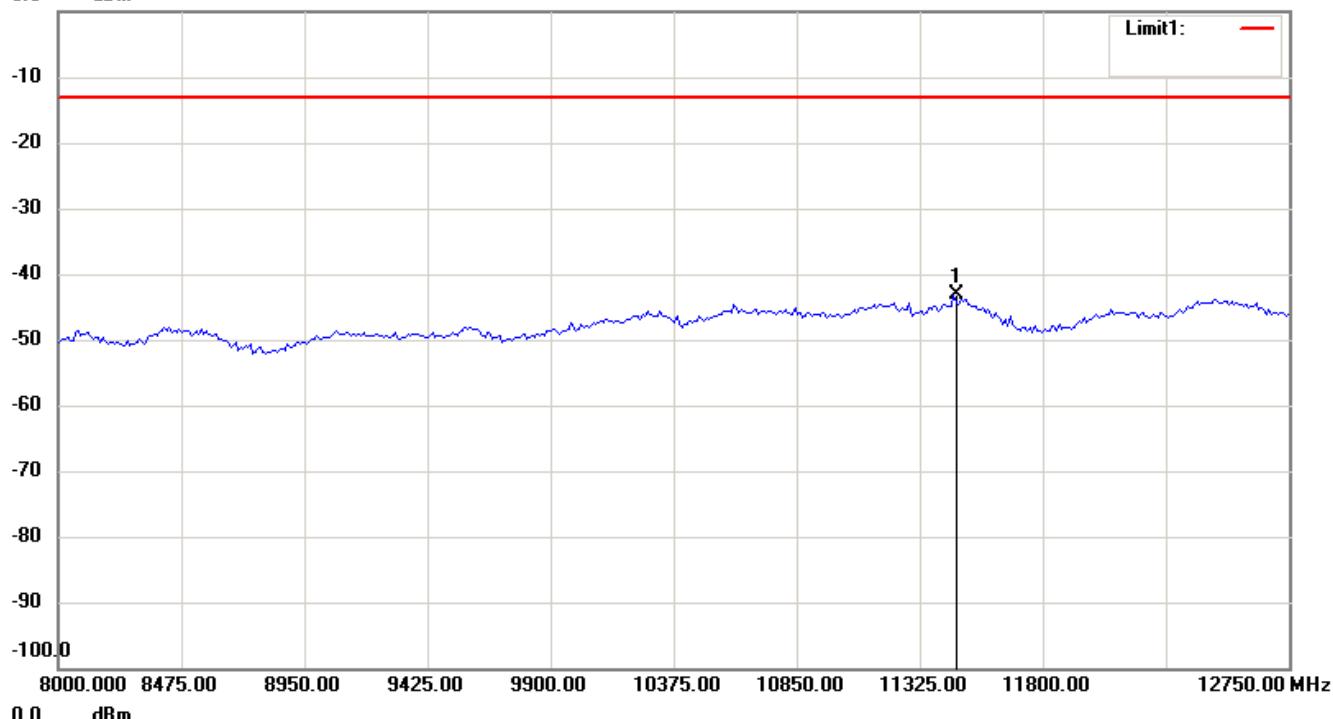


# Worldwide Testing Services(Taiwan) Co., Ltd.

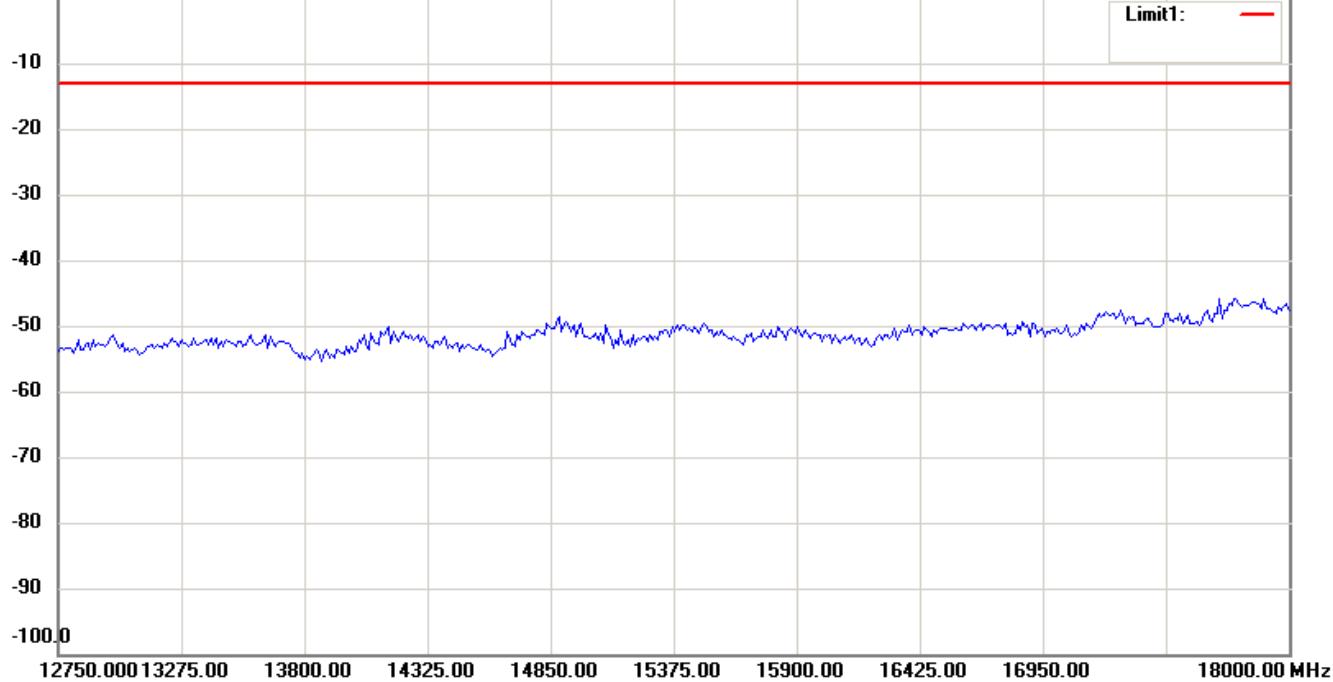
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm

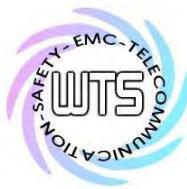


0.0 dBm



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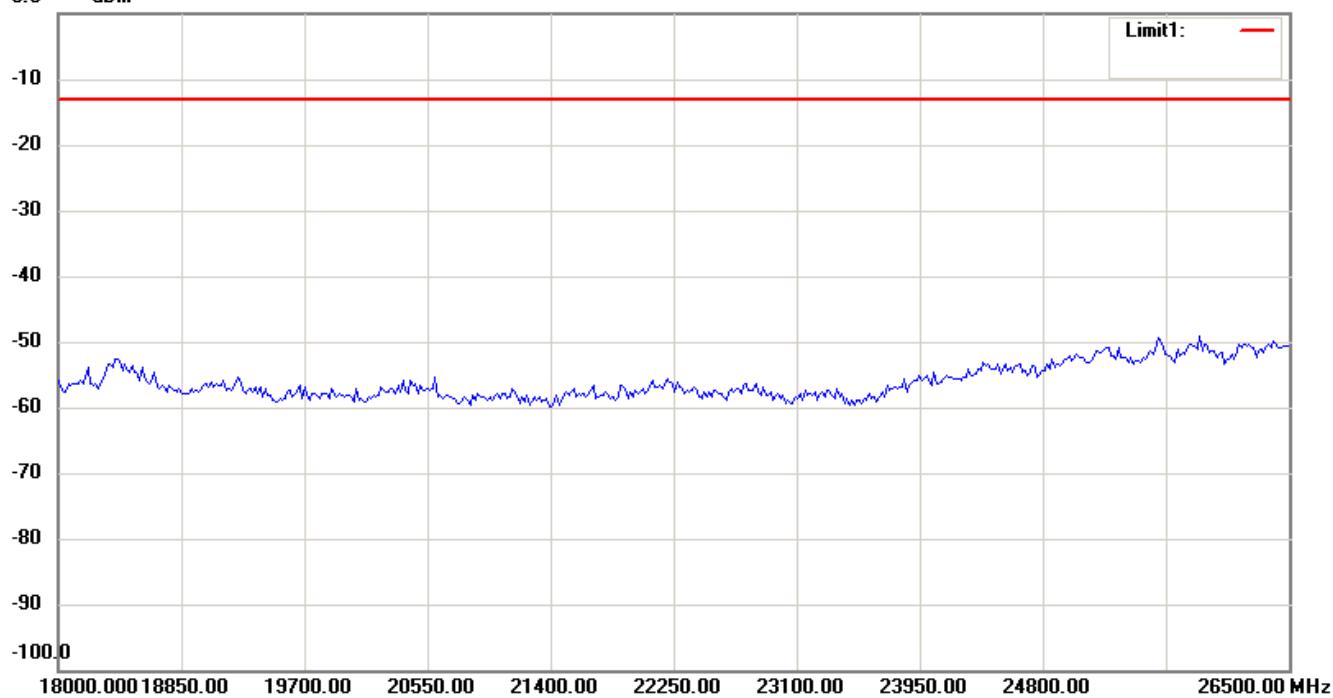


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

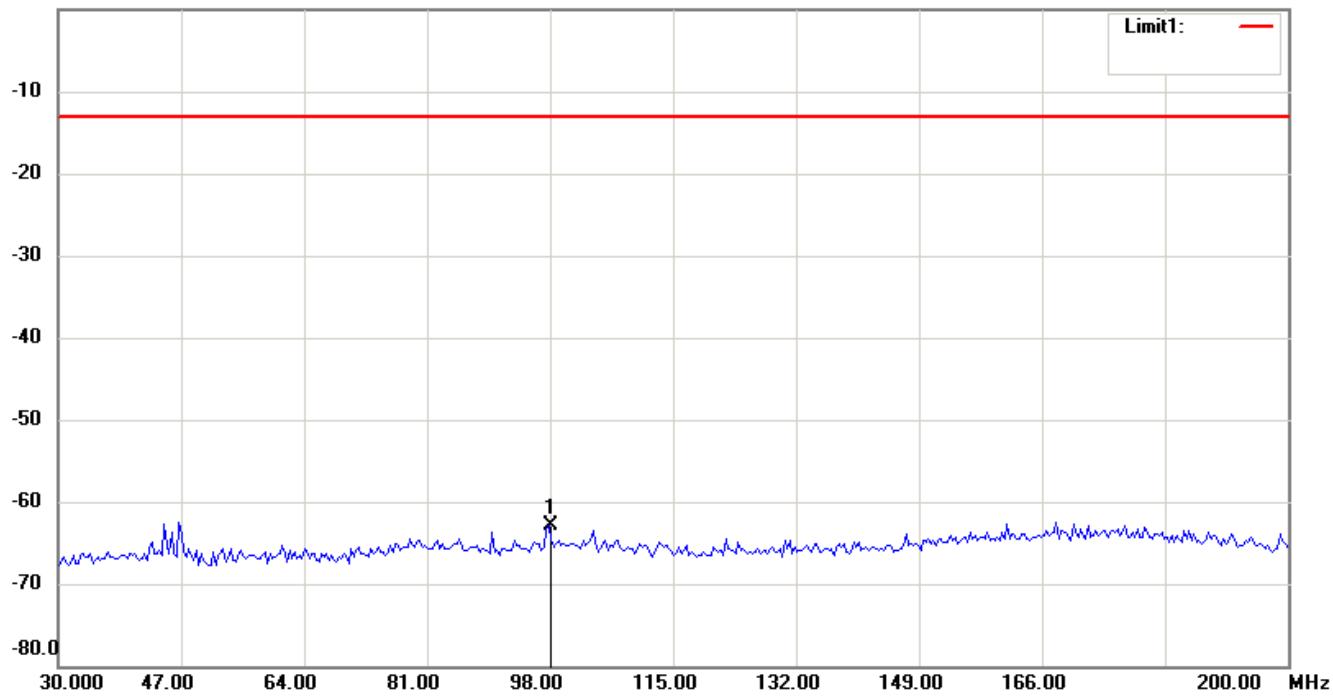
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



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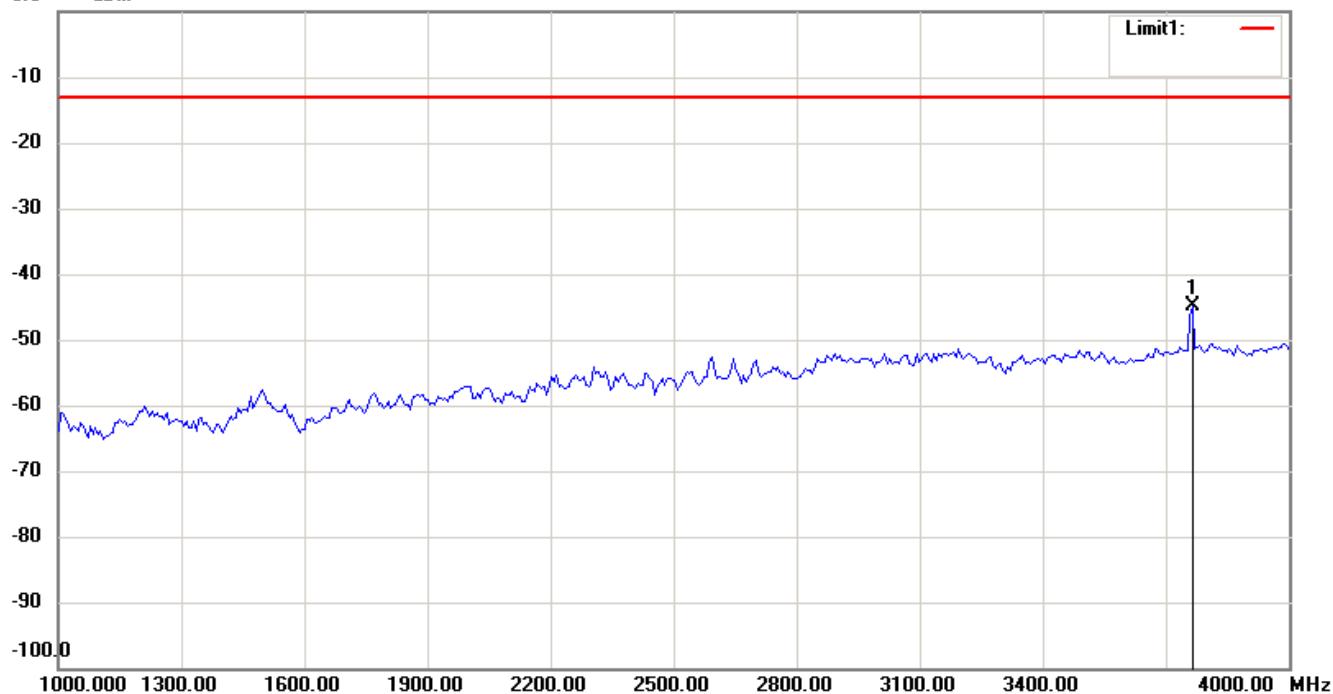
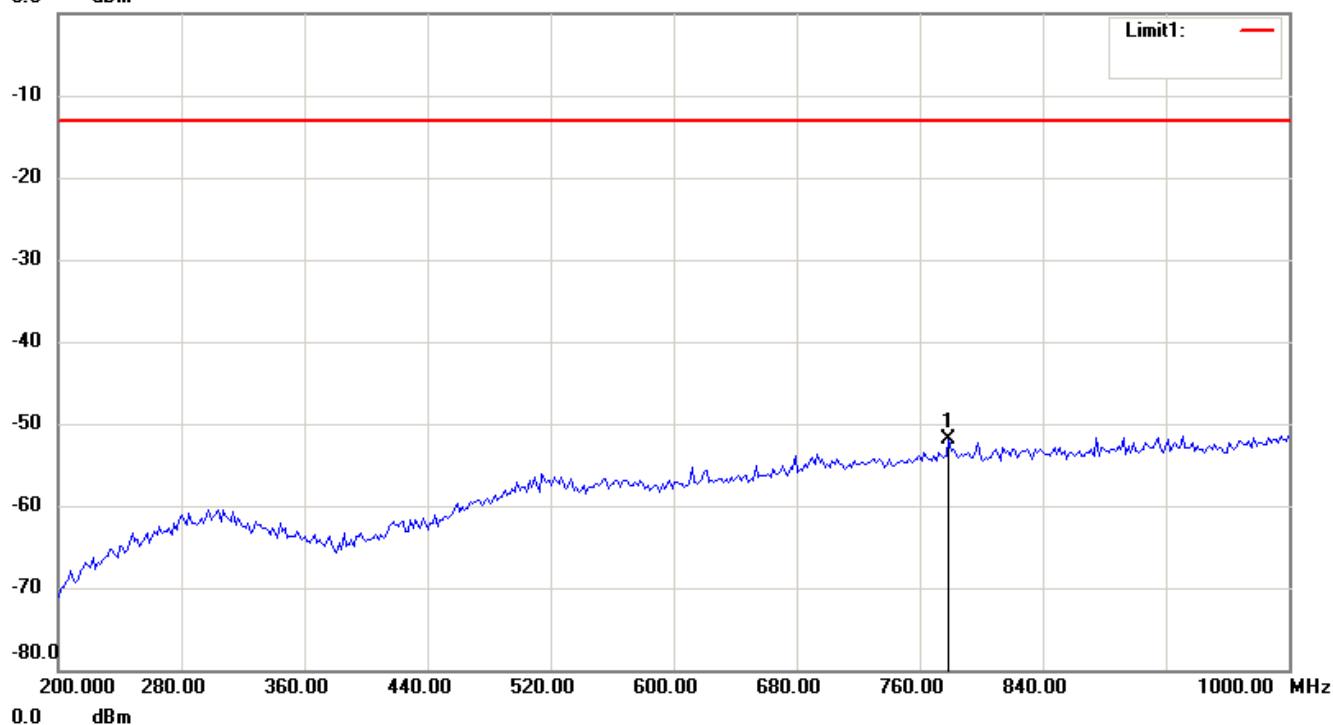


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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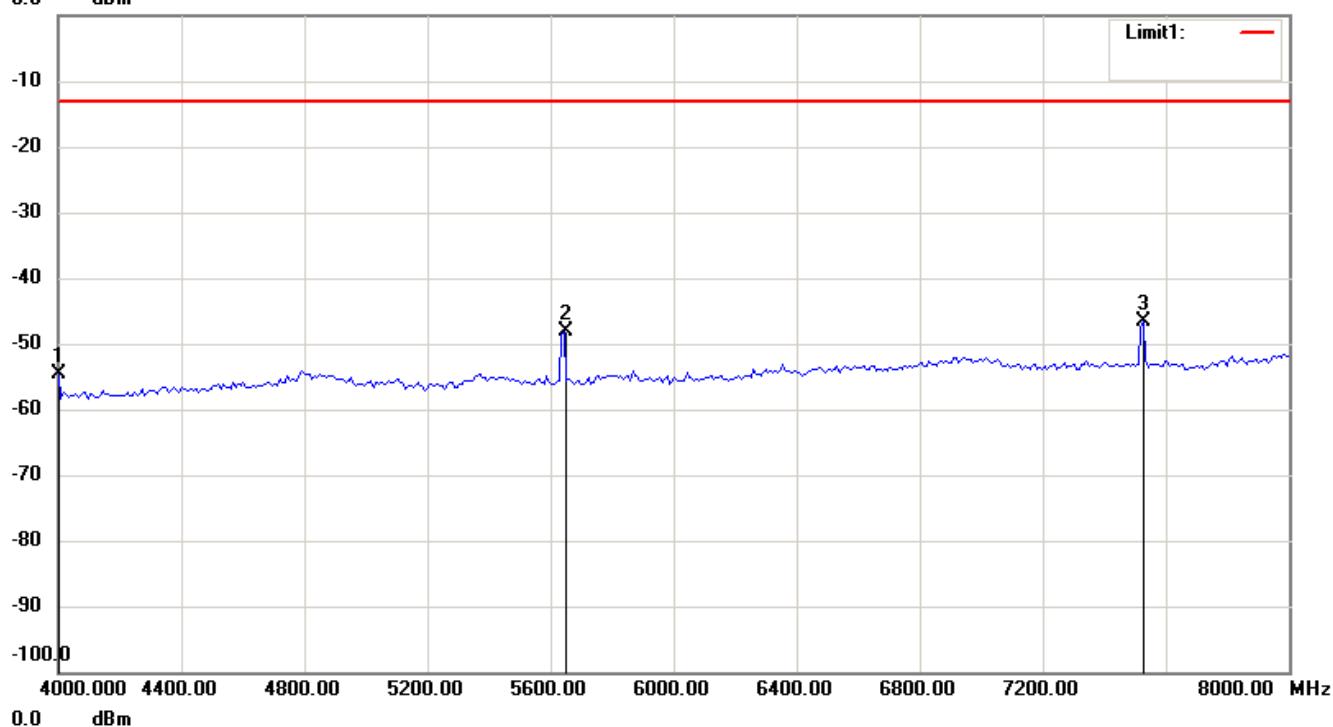


# Worldwide Testing Services(Taiwan) Co., Ltd.

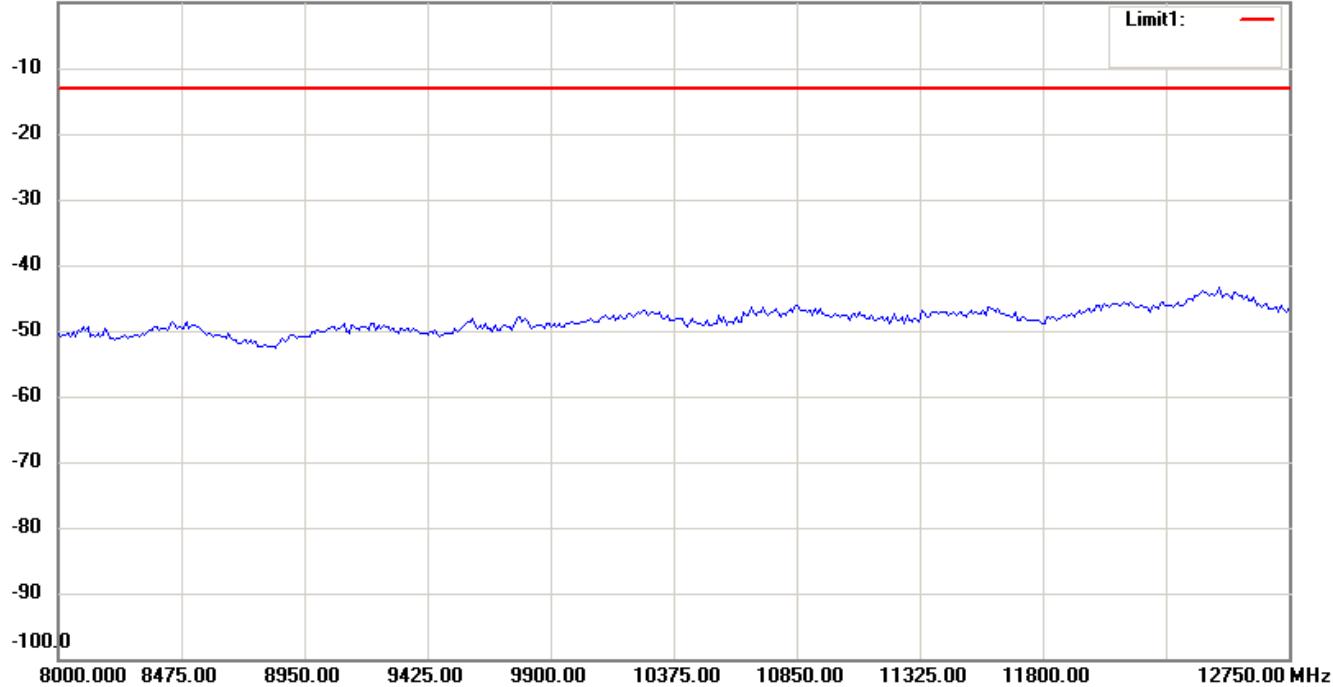
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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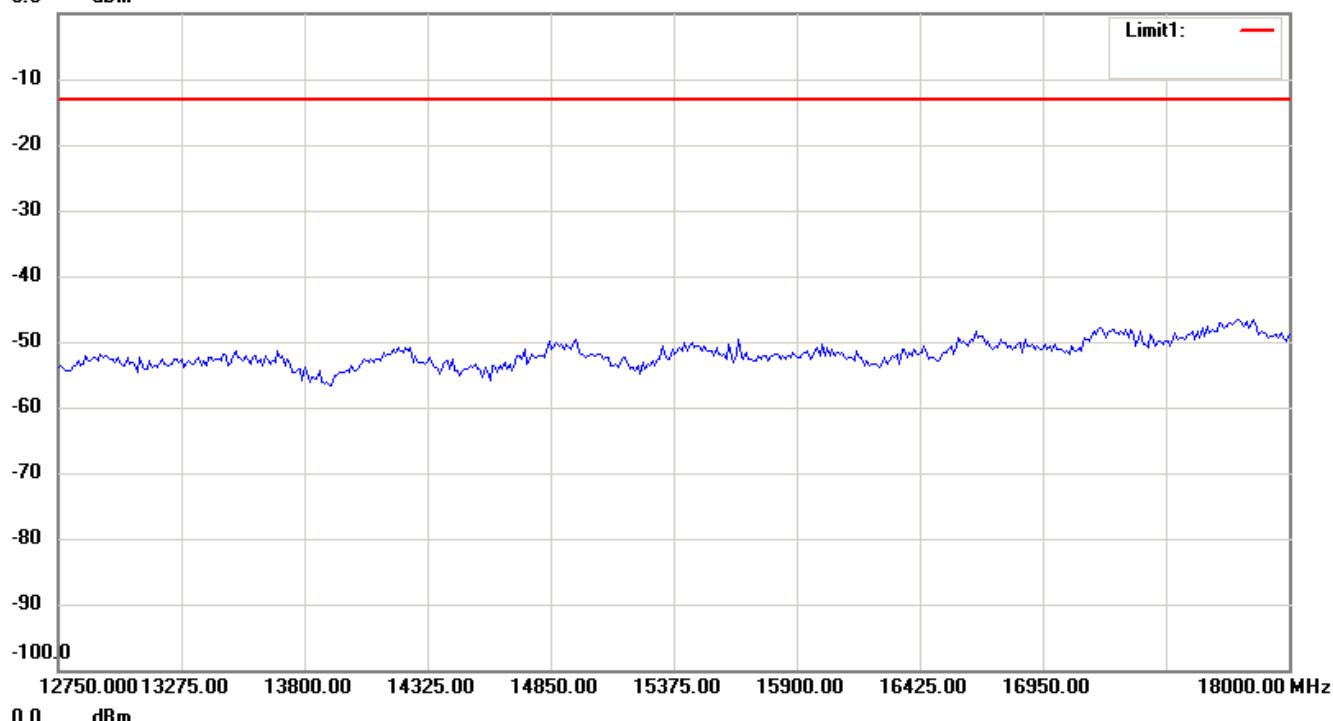


# Worldwide Testing Services(Taiwan) Co., Ltd.

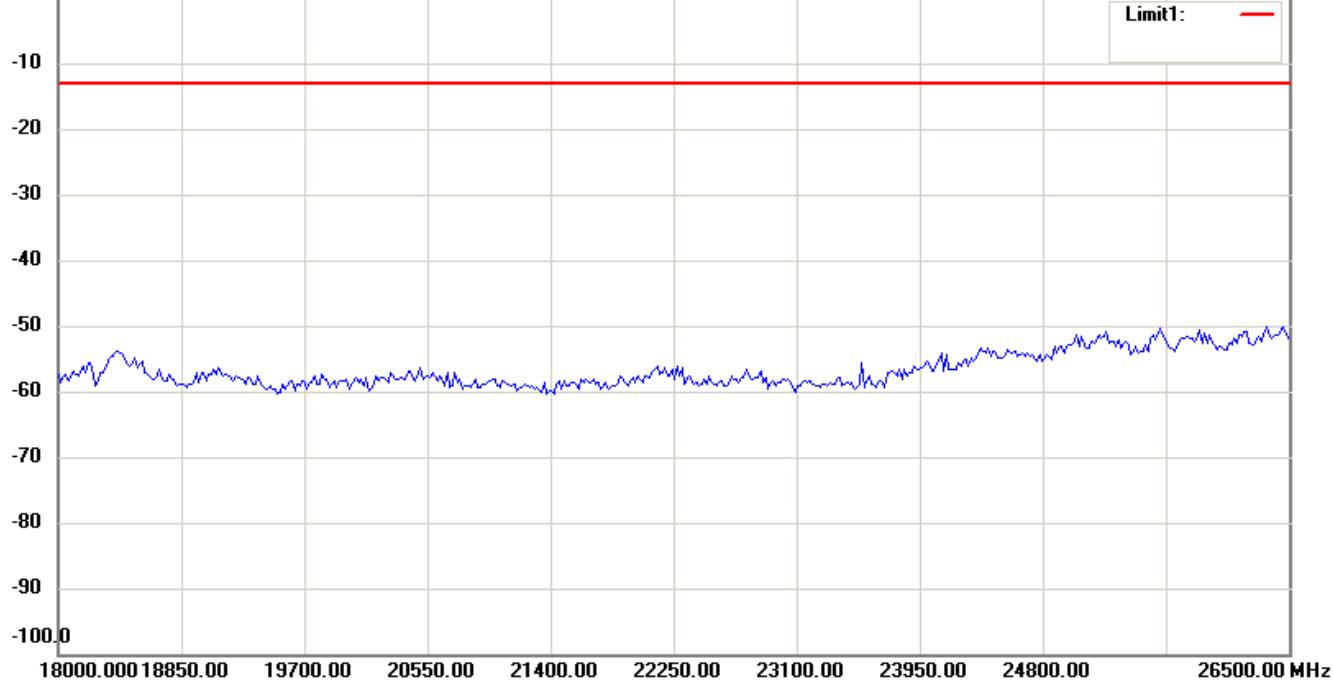
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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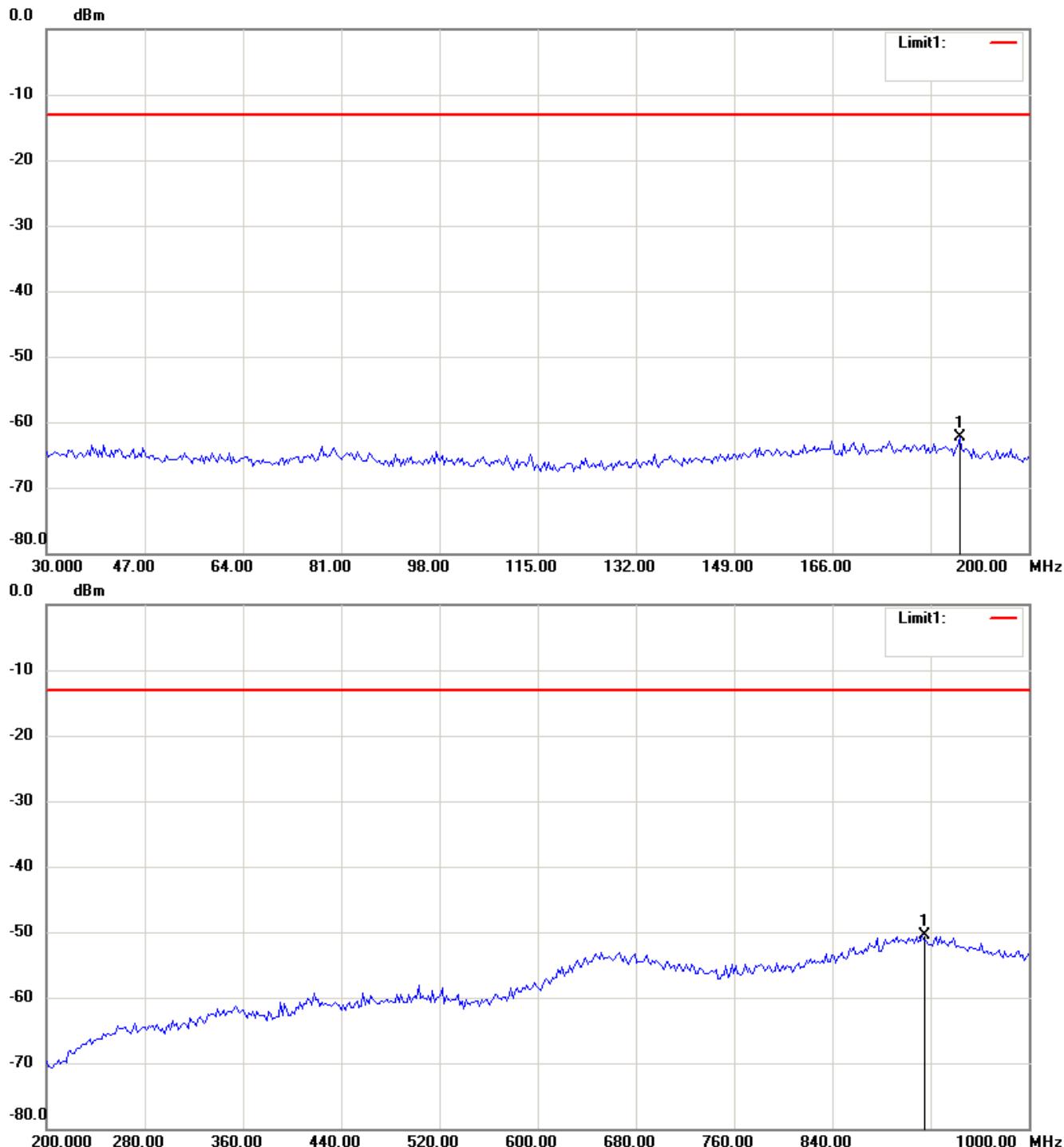
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

1900 band\_CH 810\_3.5 V

Antenna Polarization H



**Note:**

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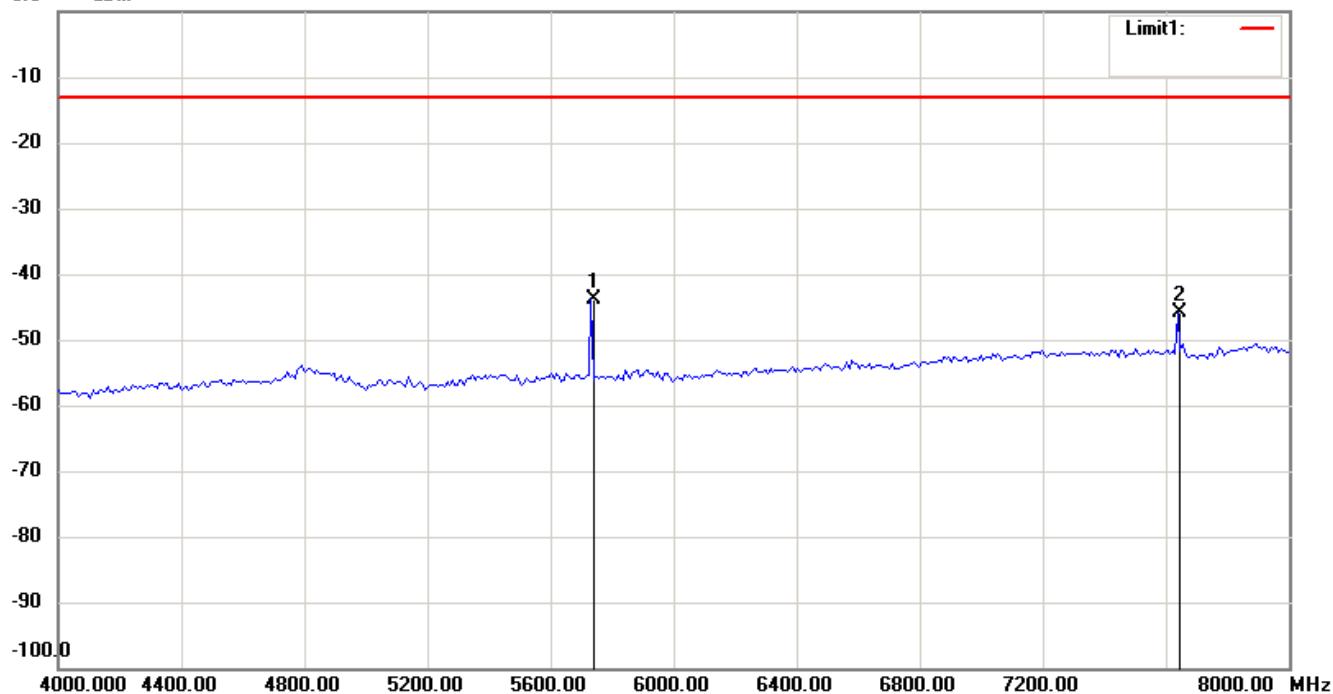
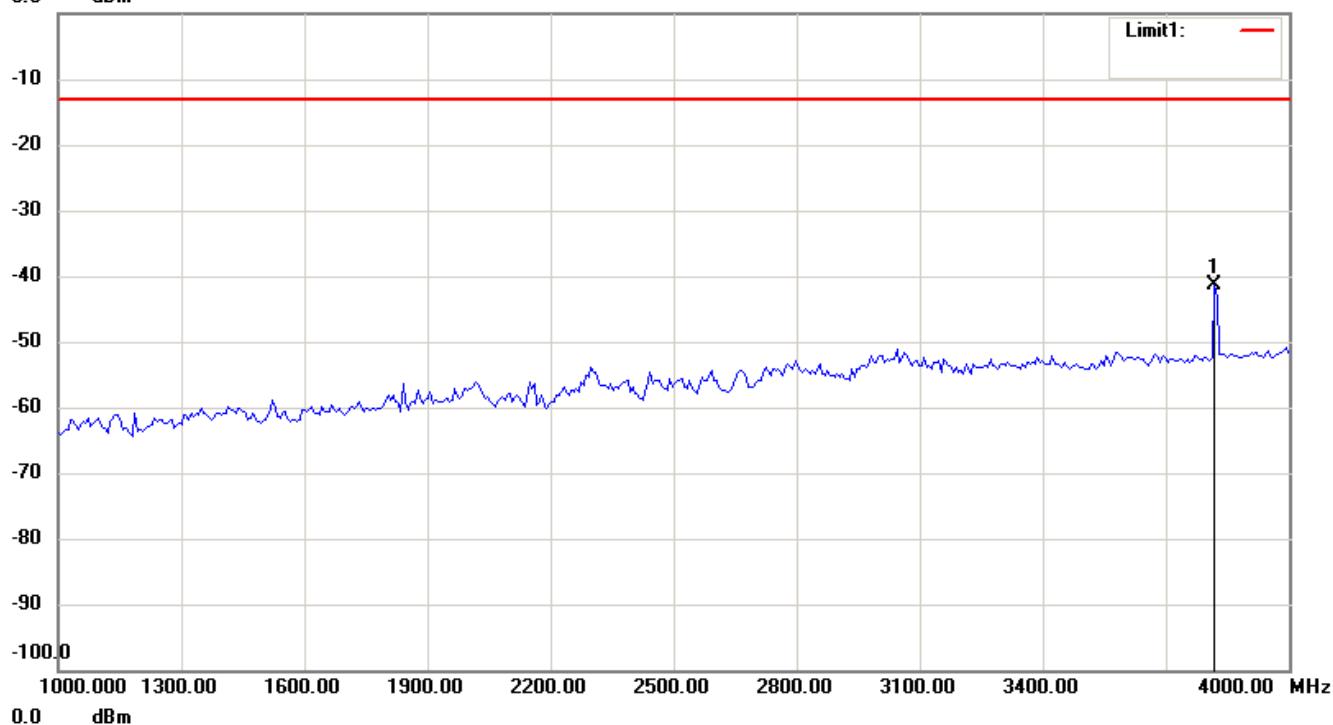


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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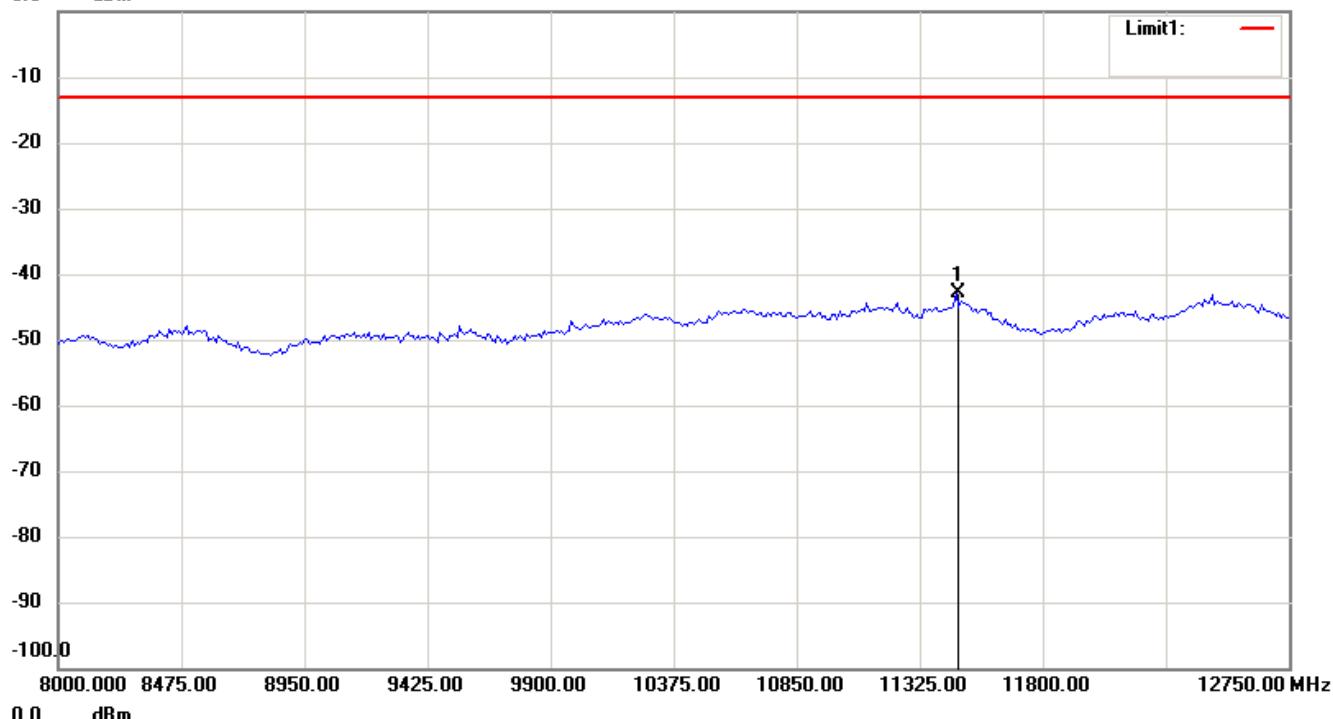


# Worldwide Testing Services(Taiwan) Co., Ltd.

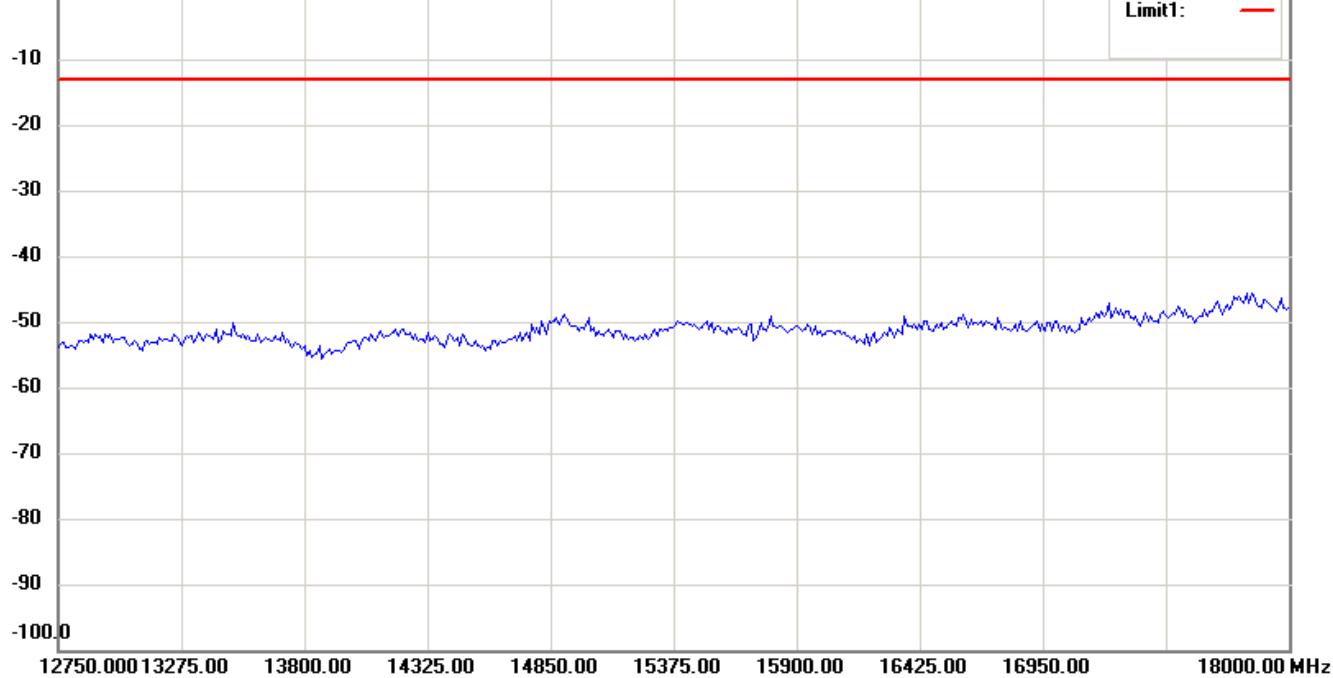
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm

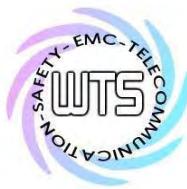


0.0 dBm



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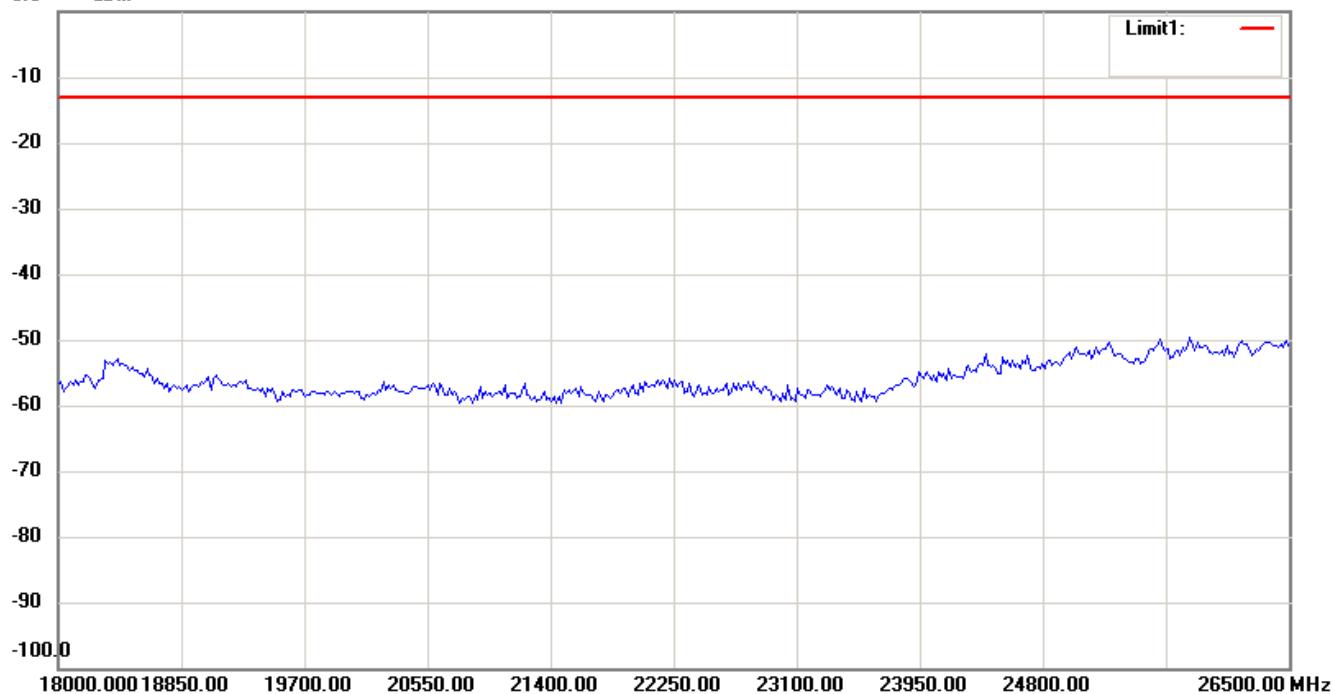


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

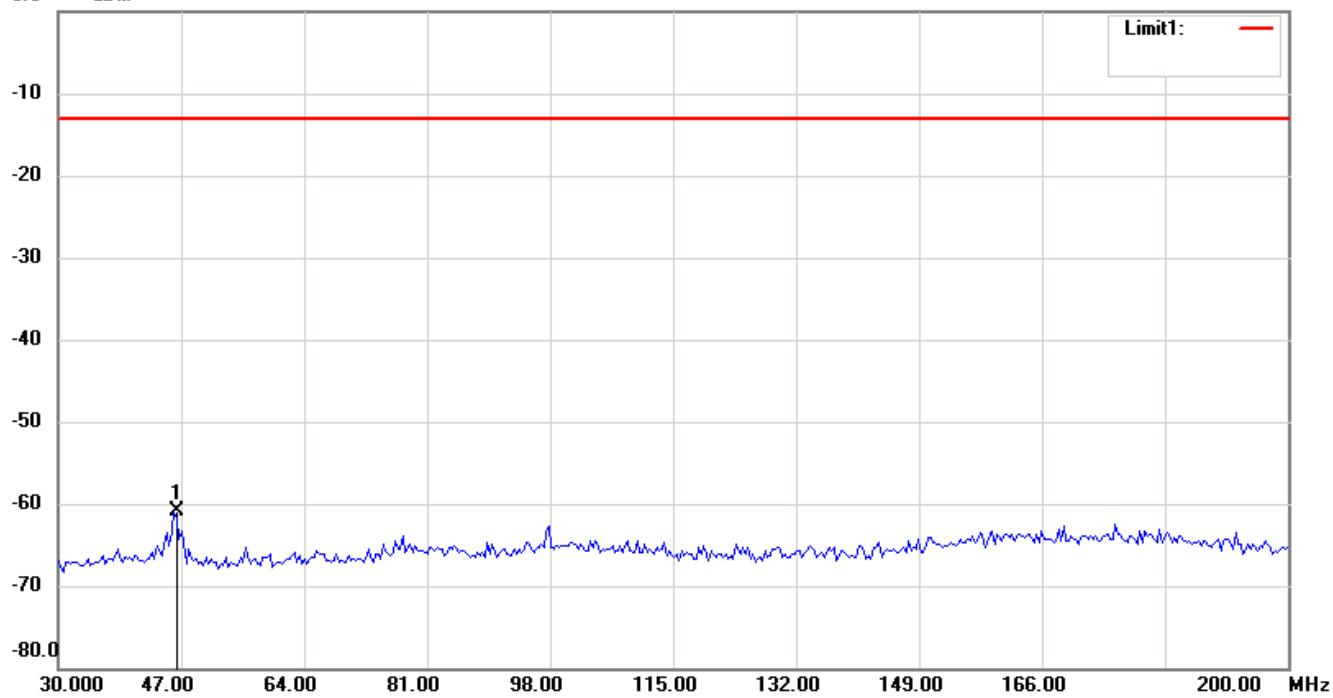
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



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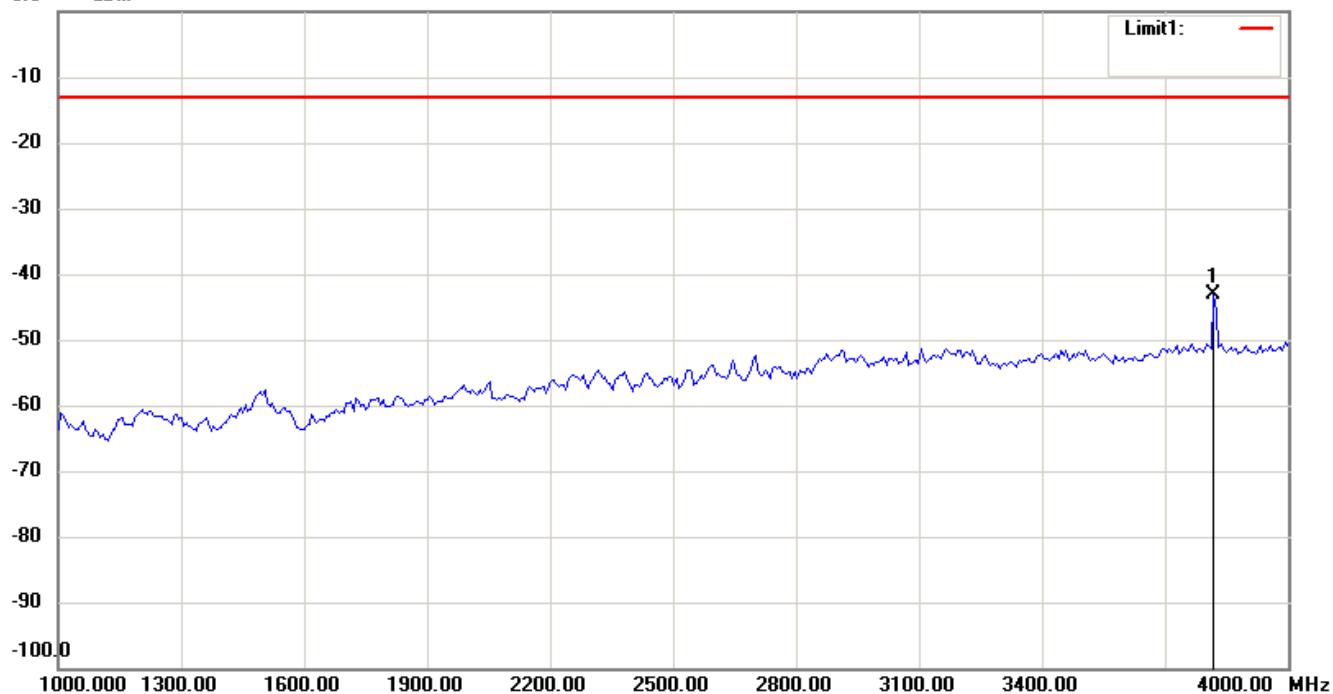
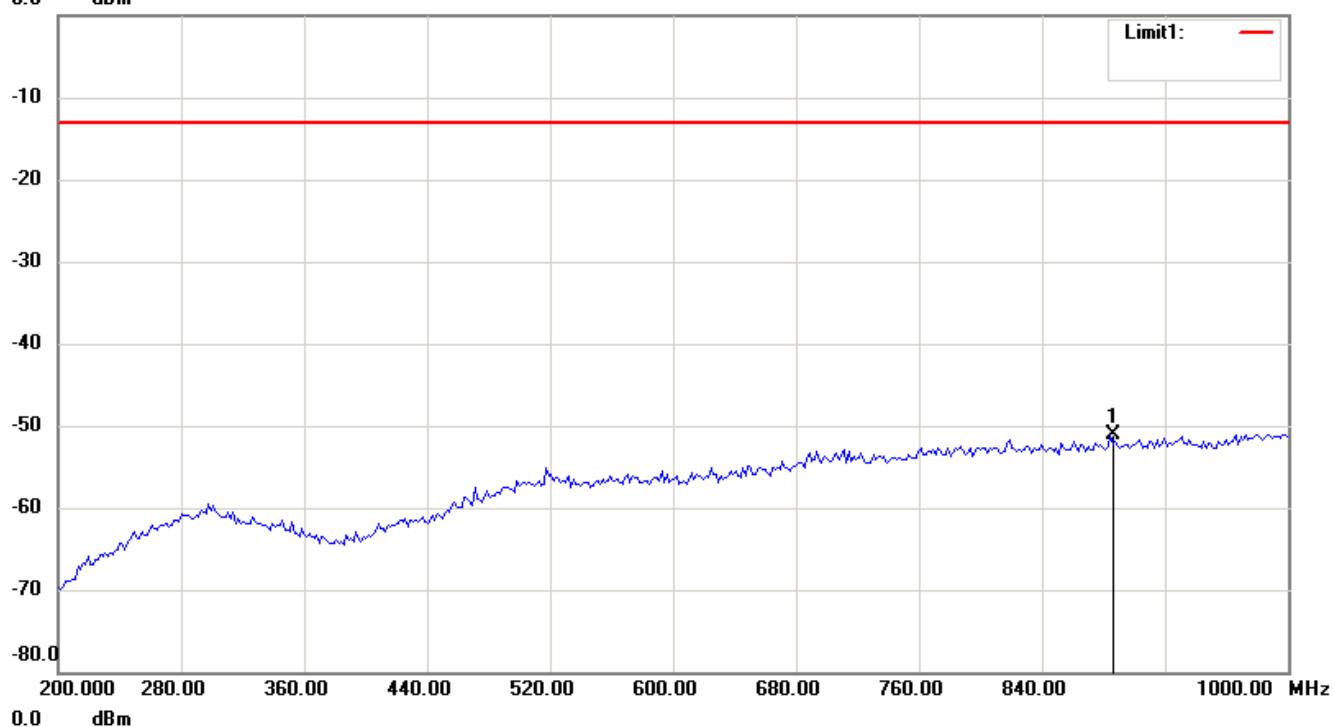


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Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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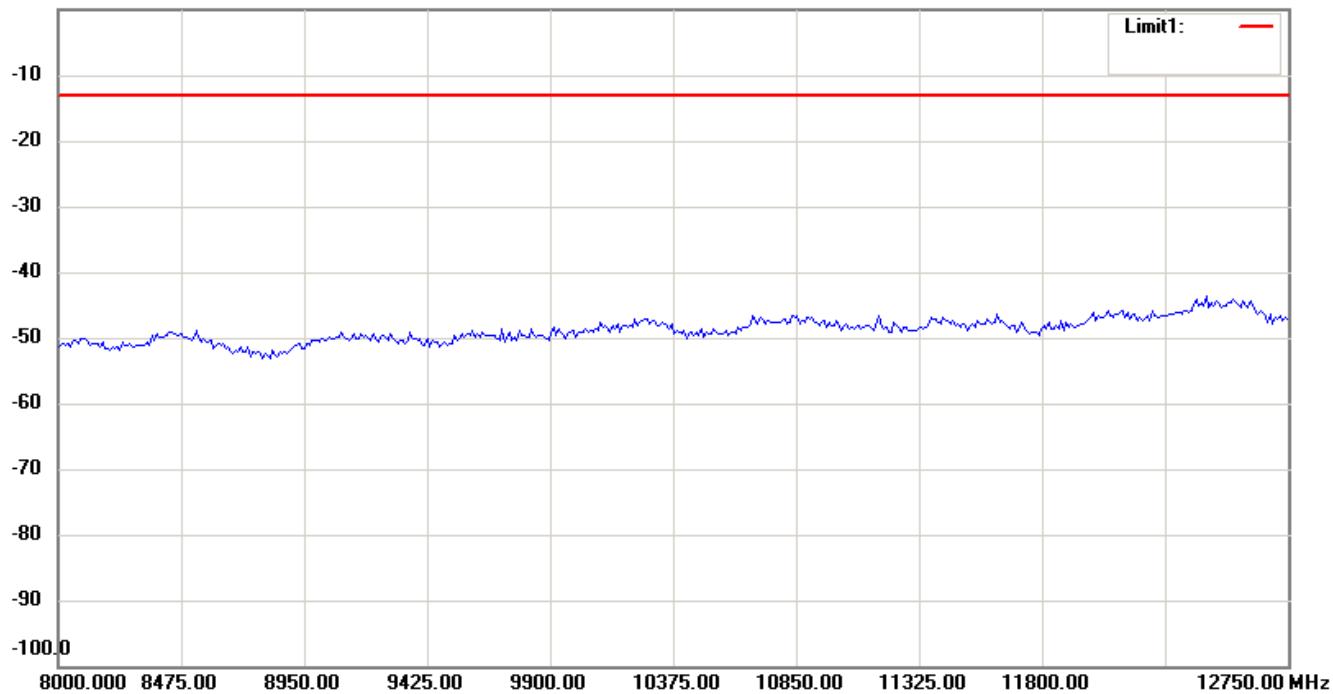
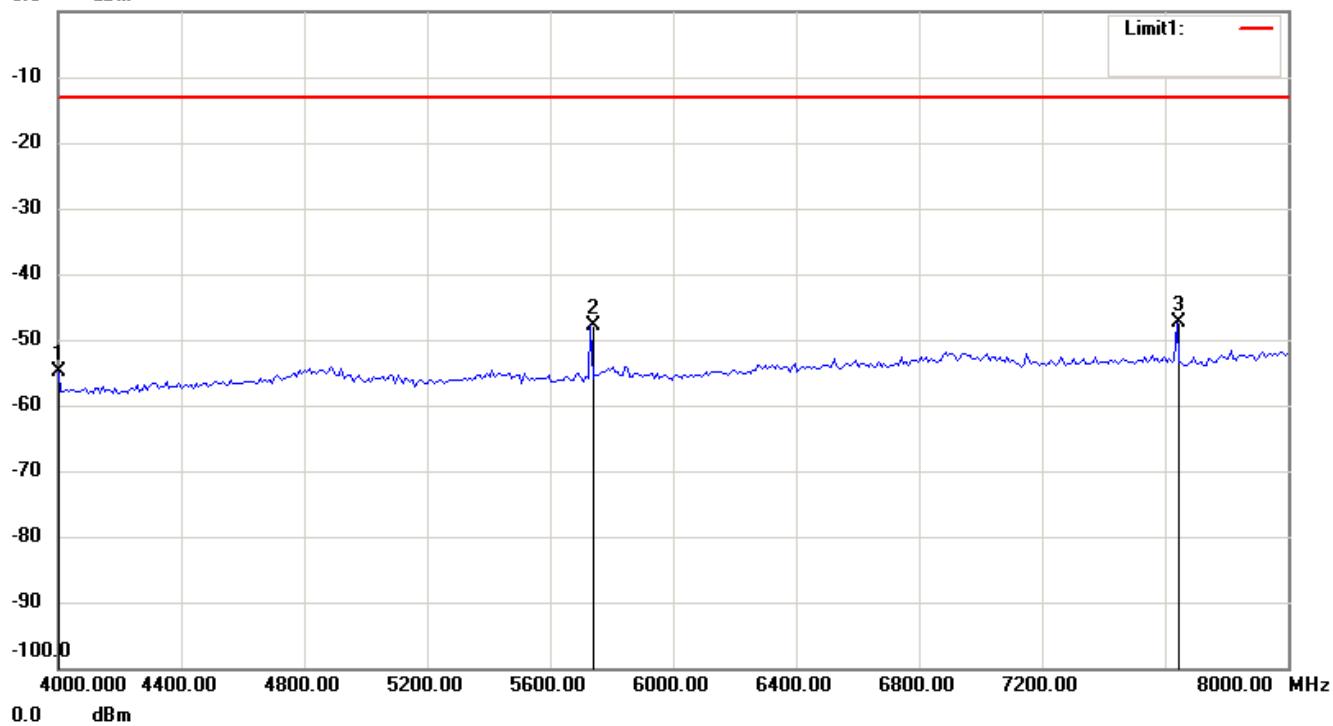


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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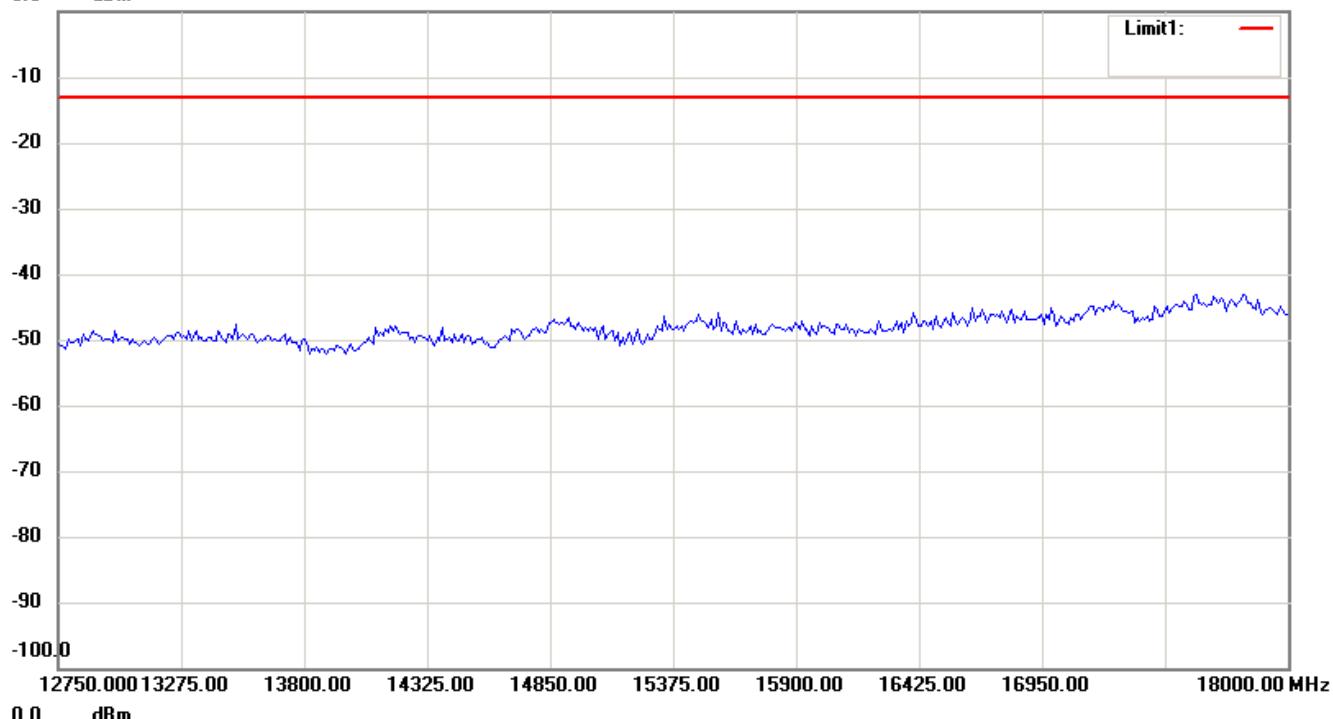


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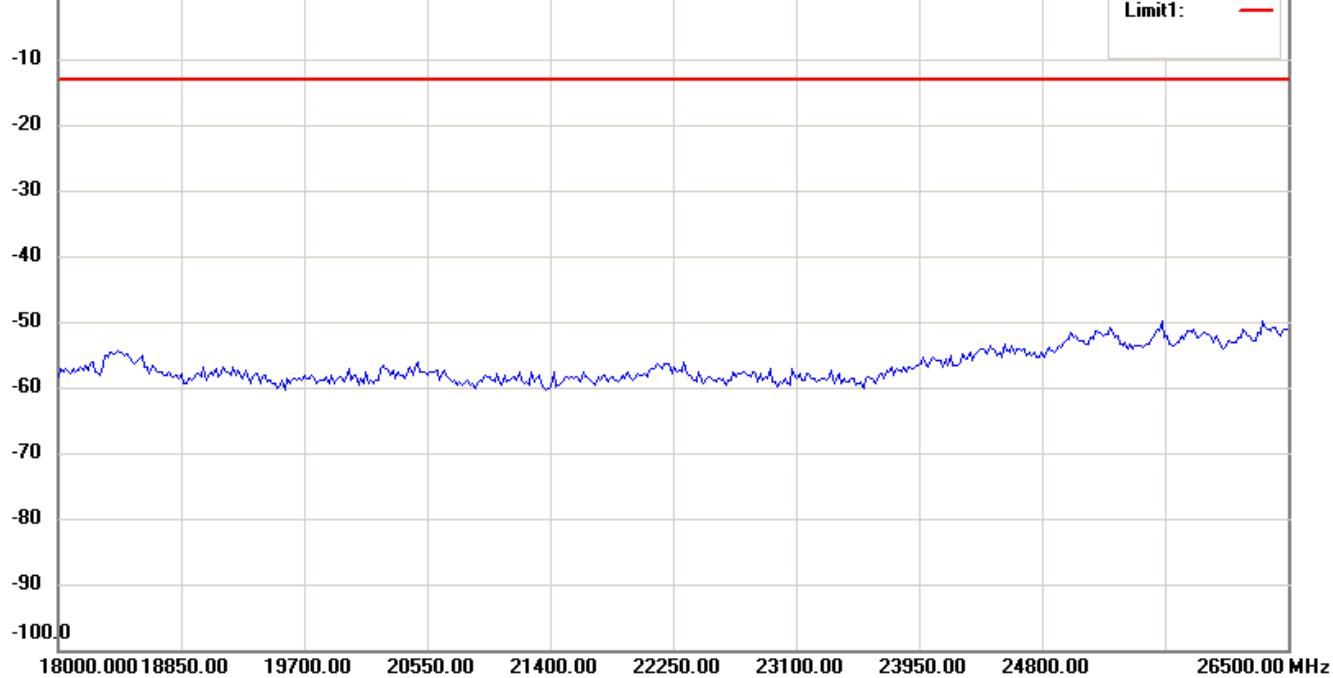
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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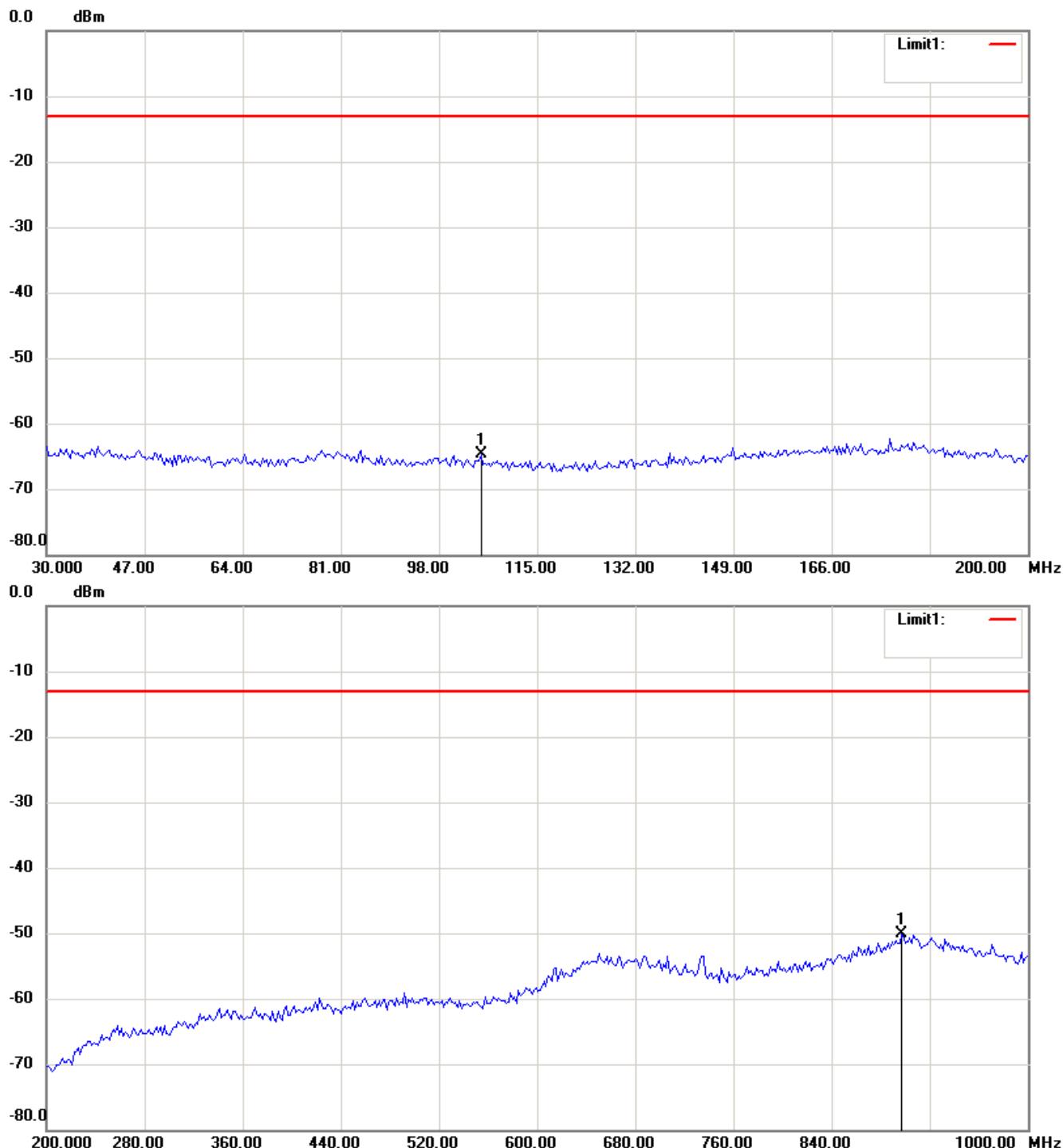
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

1900 band\_CH 810\_4.07 V

Antenna Polarization H



## Note:

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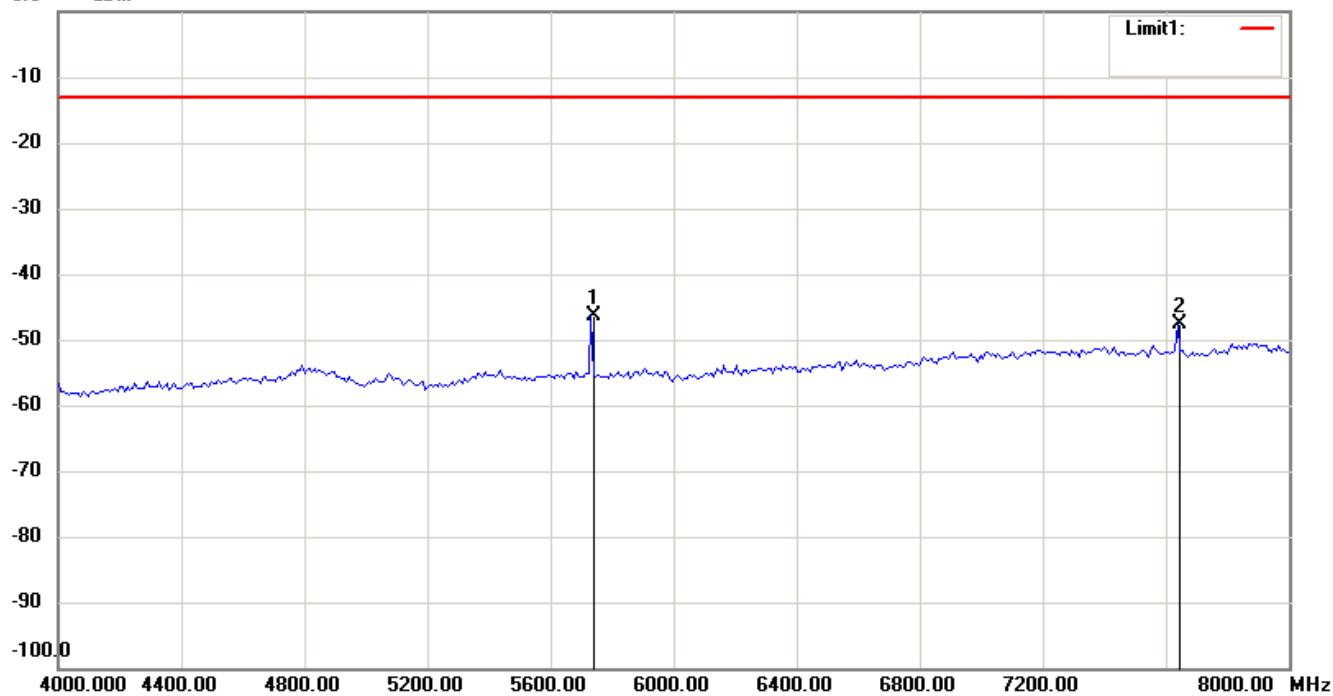
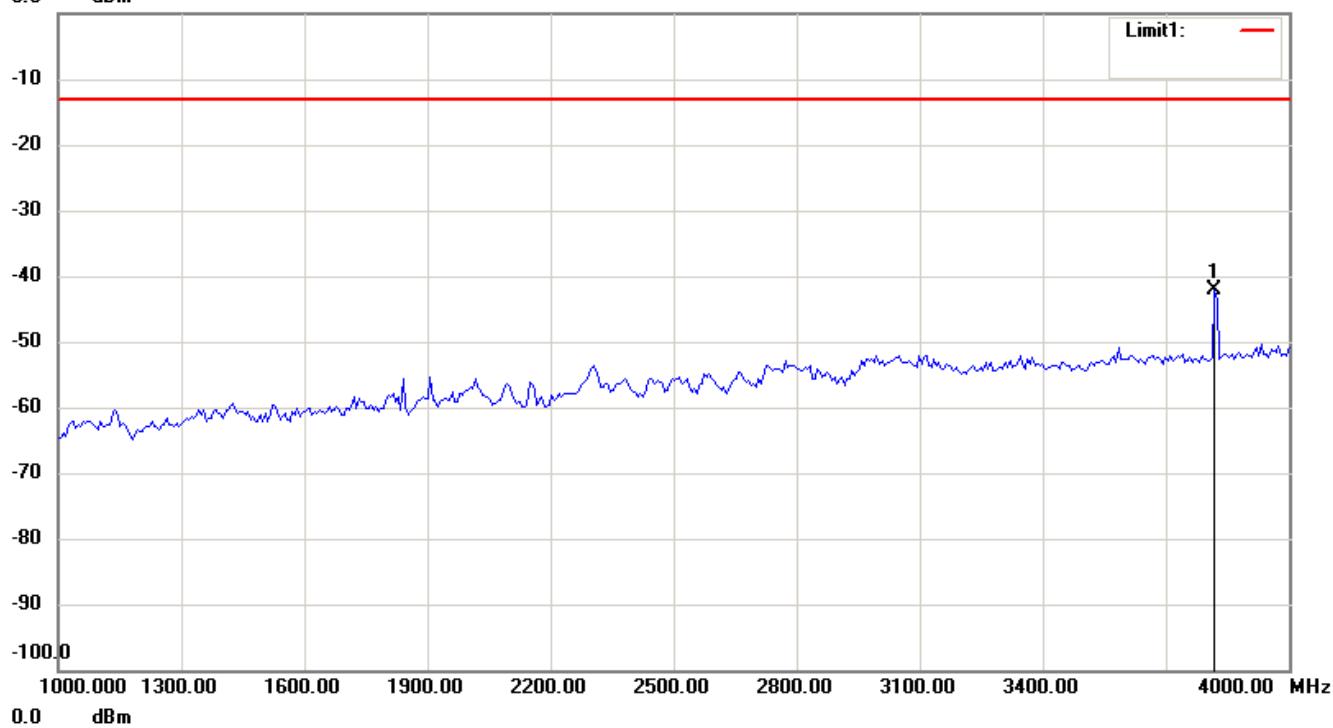


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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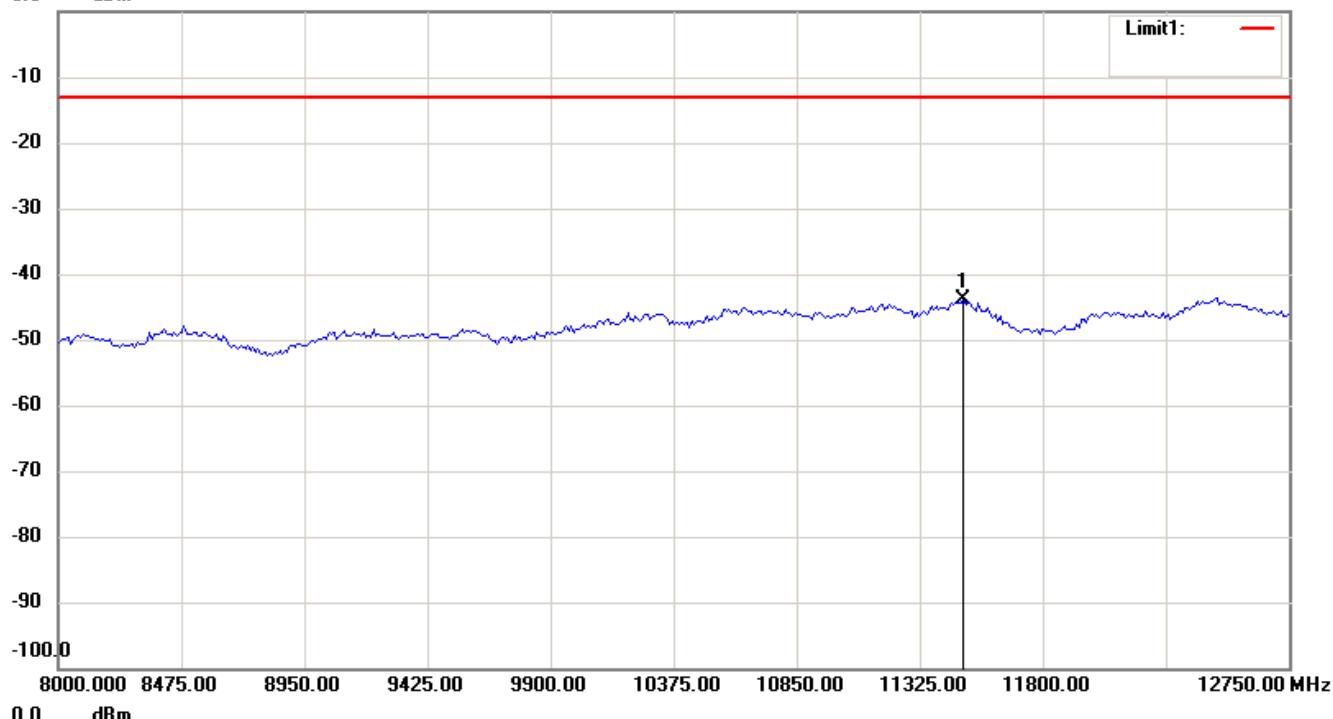


# Worldwide Testing Services(Taiwan) Co., Ltd.

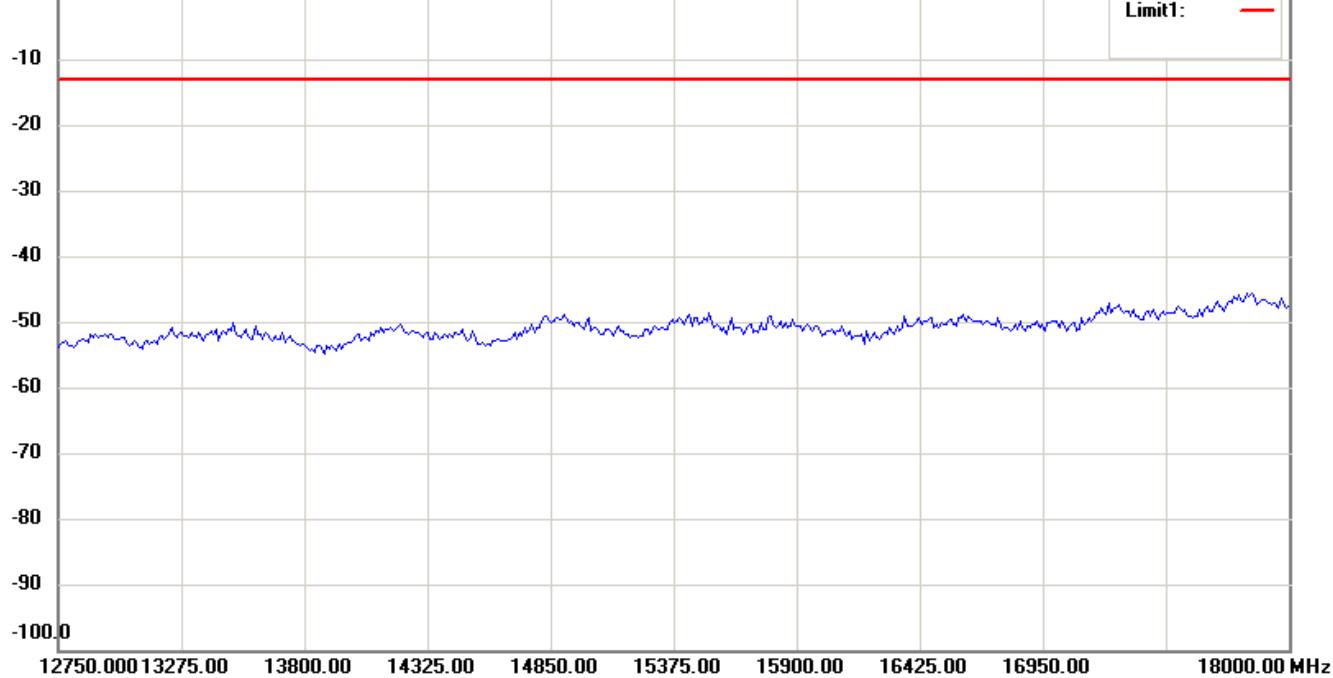
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm

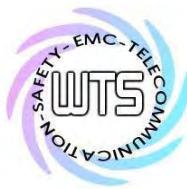


0.0 dBm



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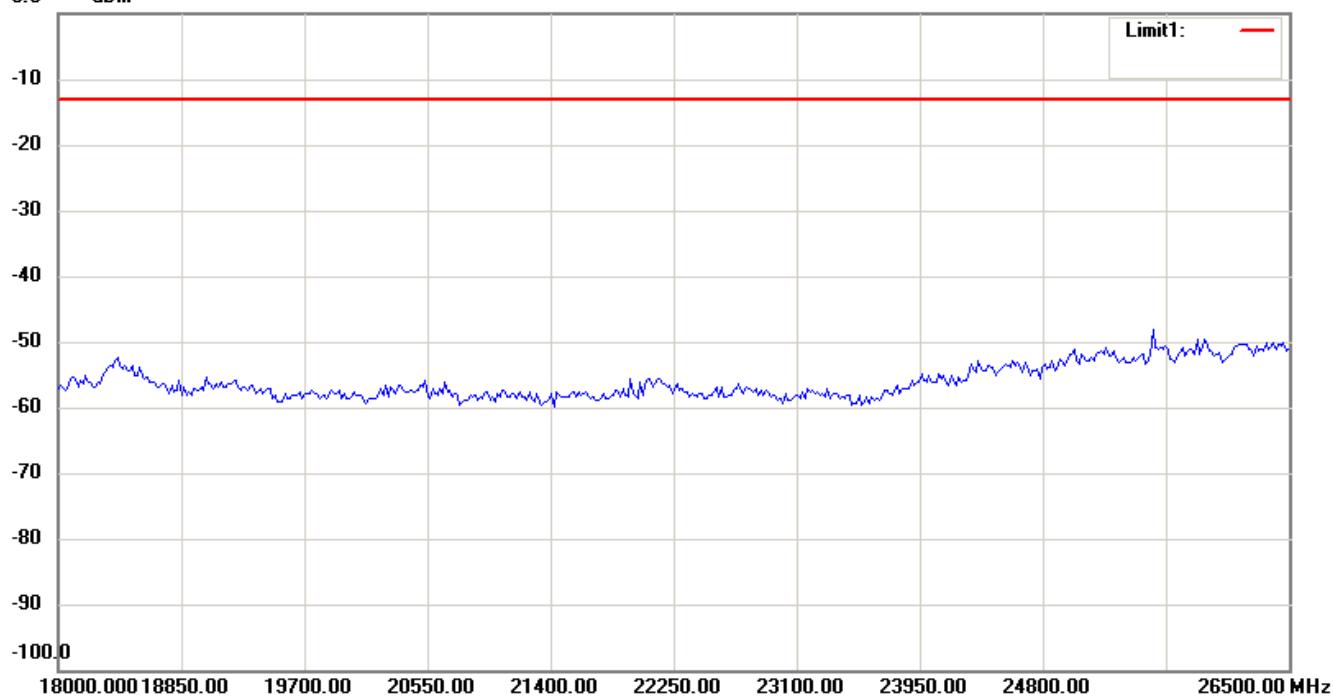


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

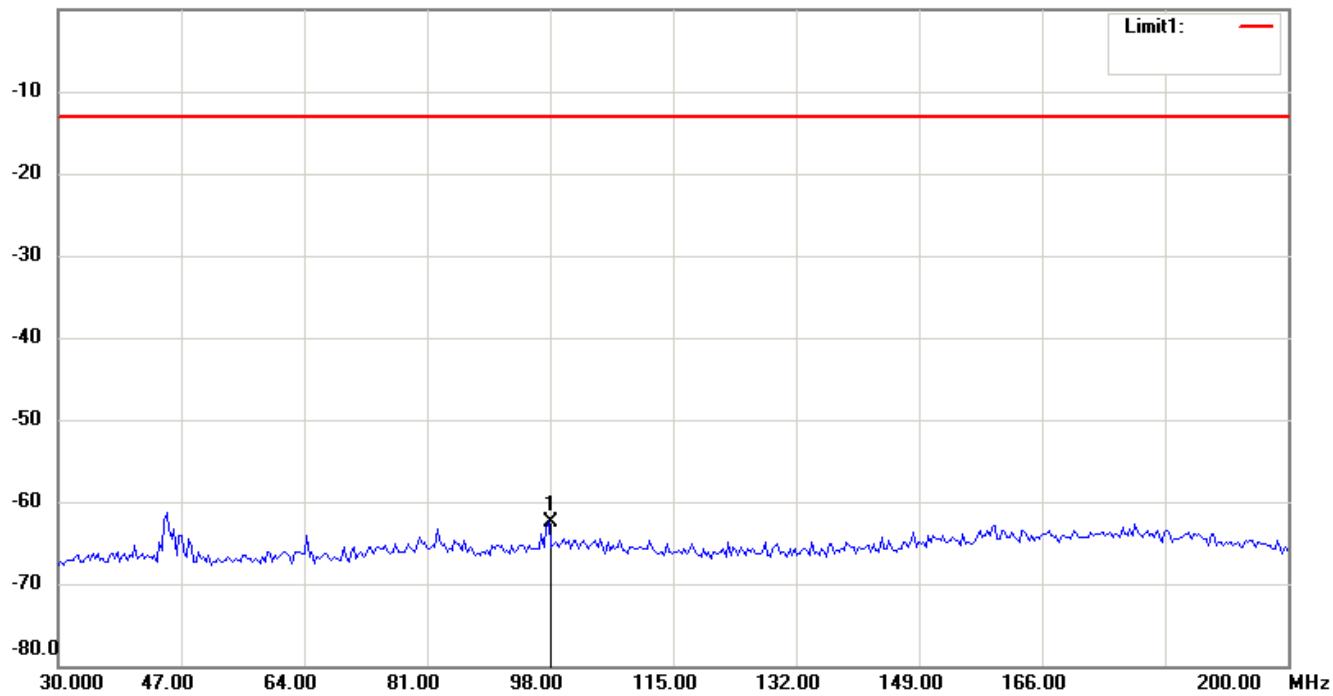
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



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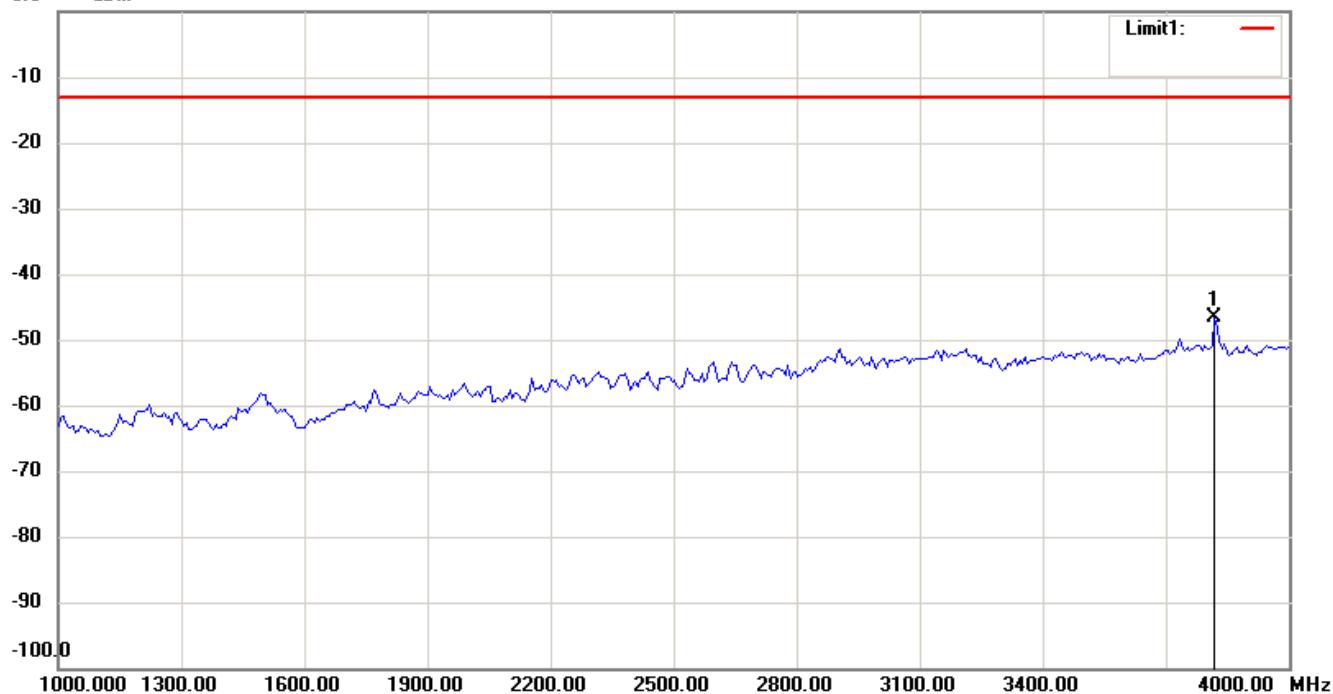
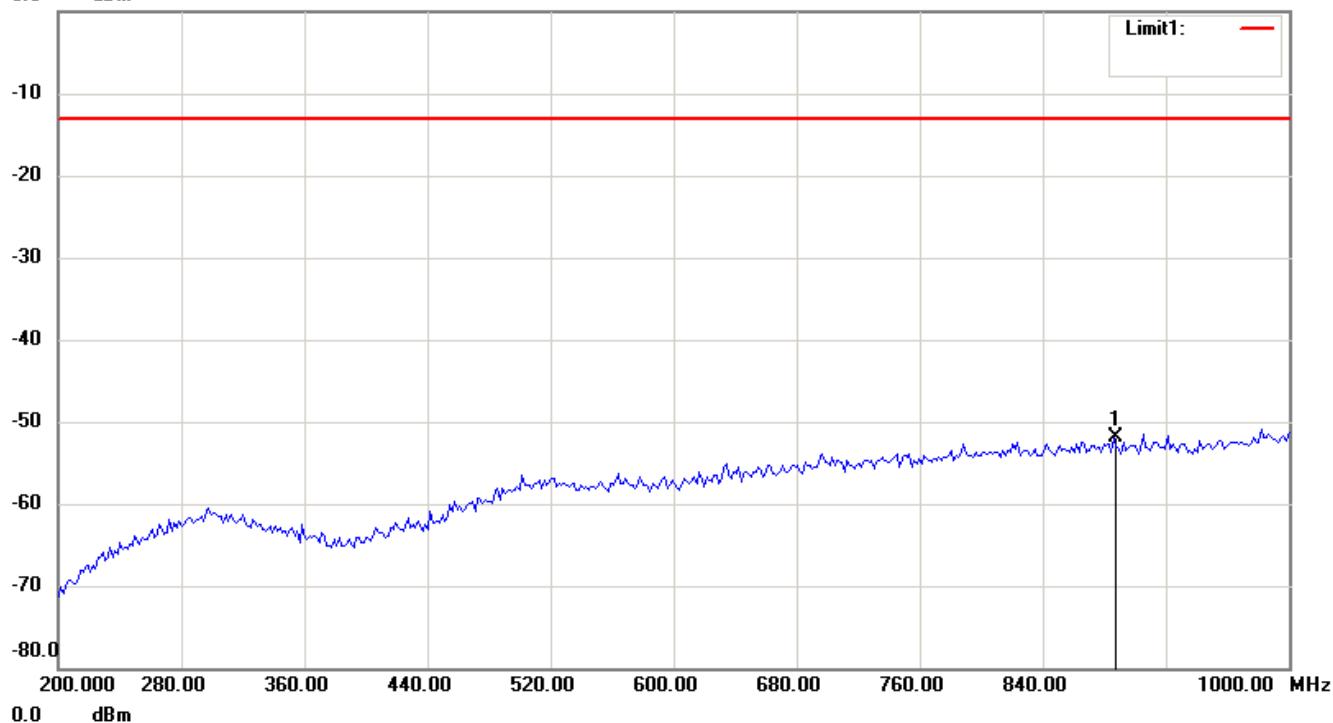


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Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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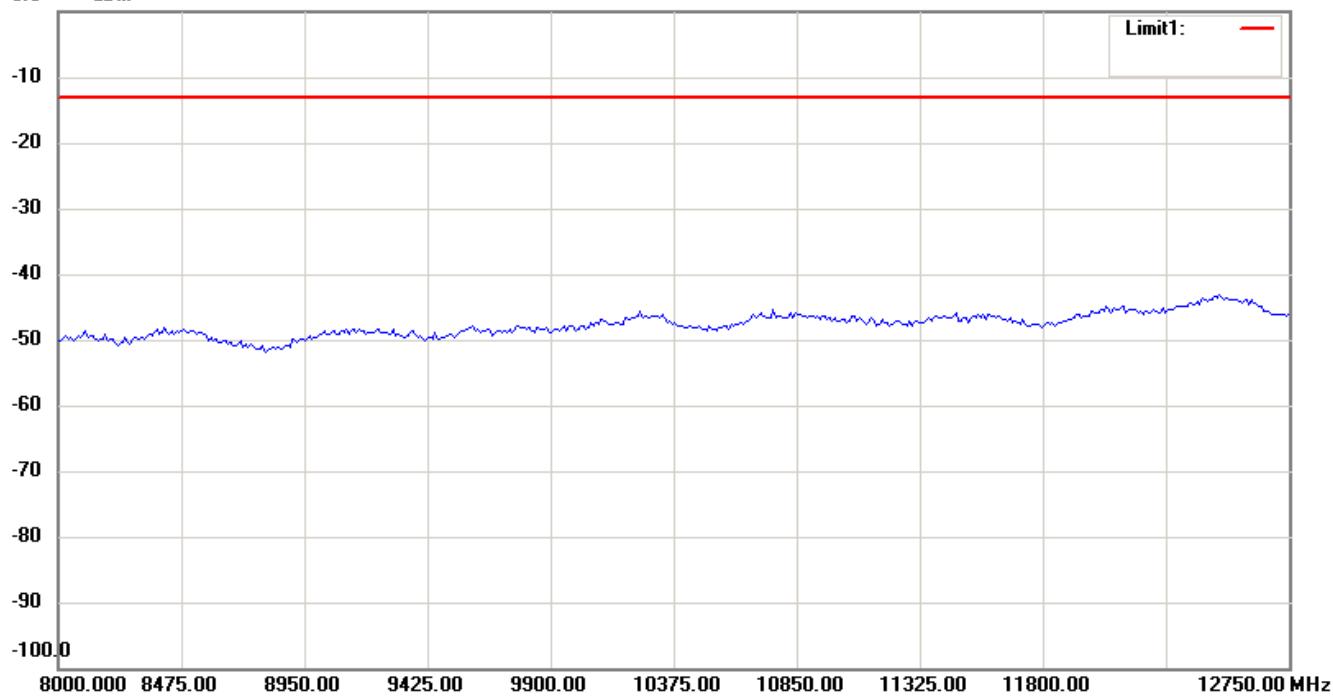
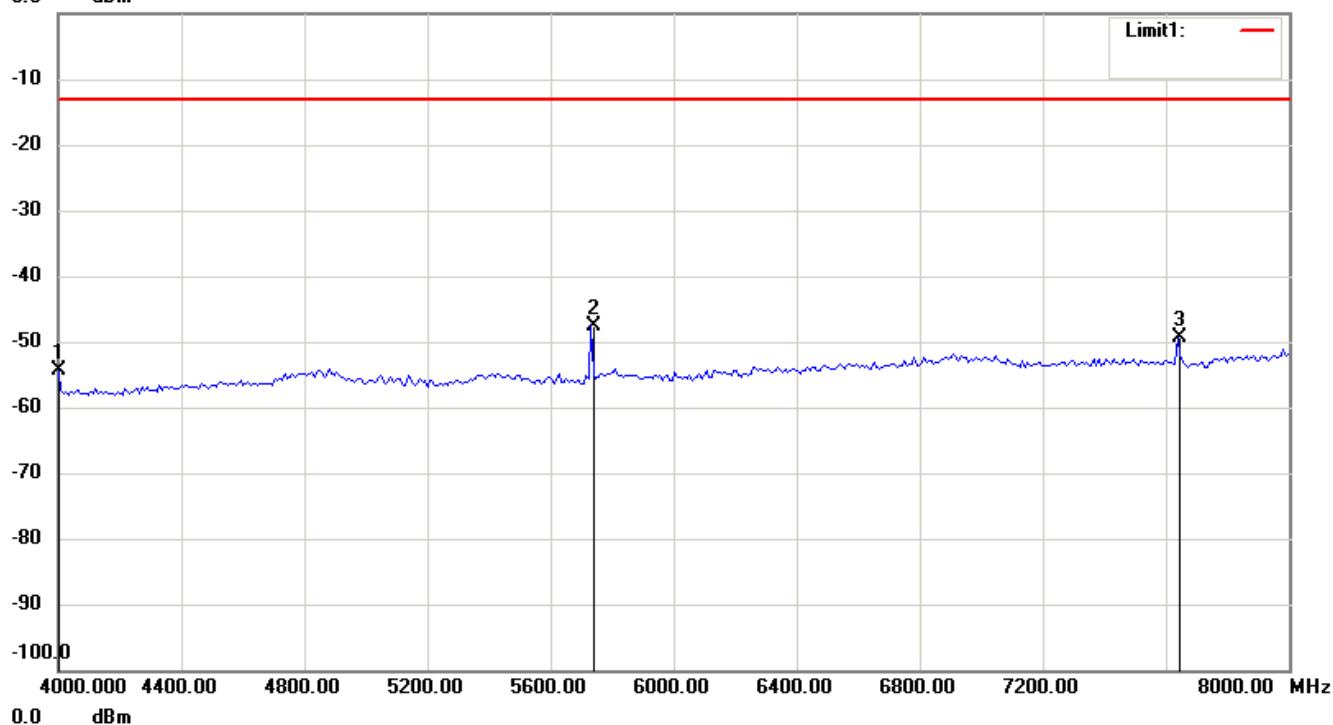


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Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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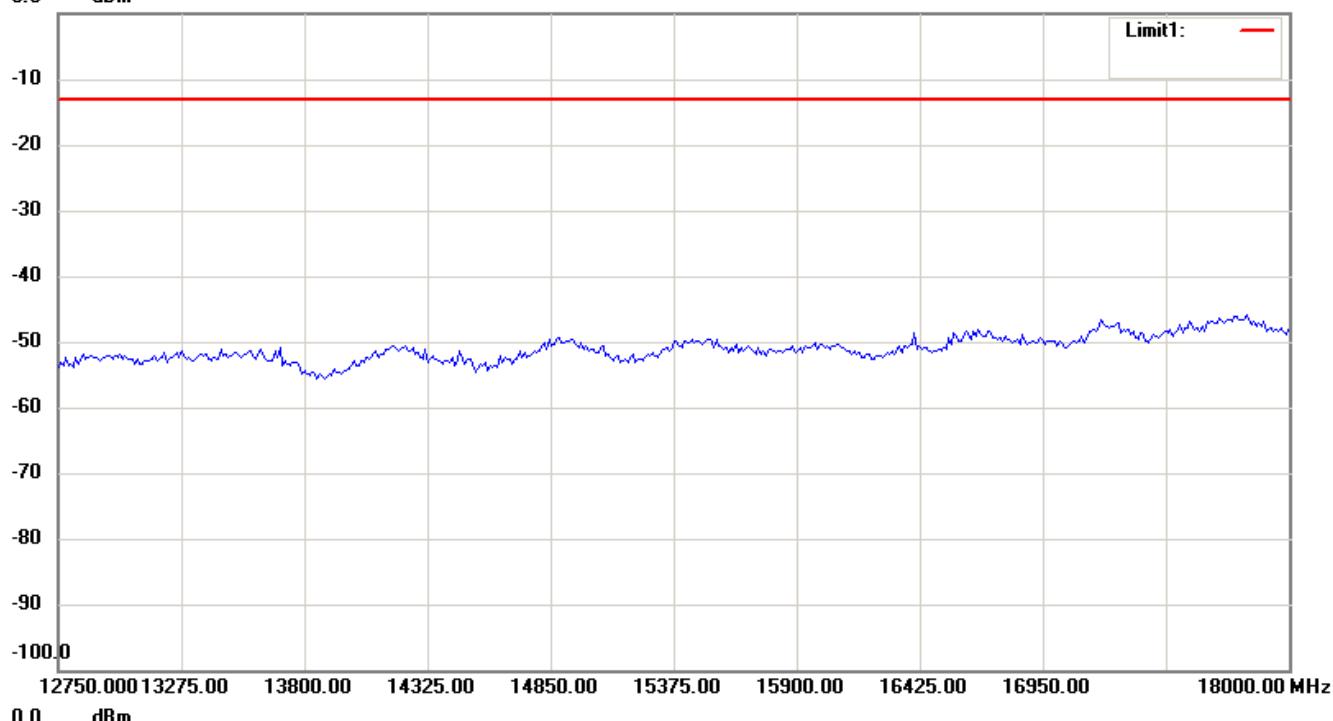


# Worldwide Testing Services(Taiwan) Co., Ltd.

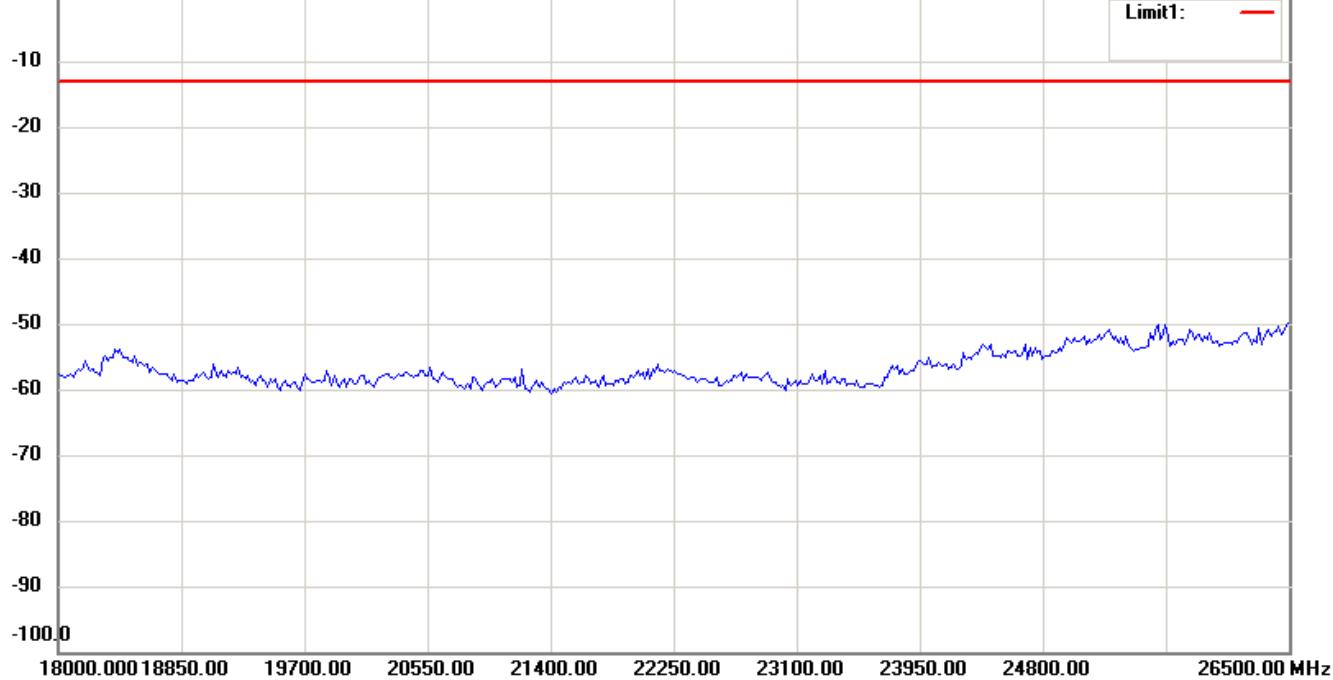
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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

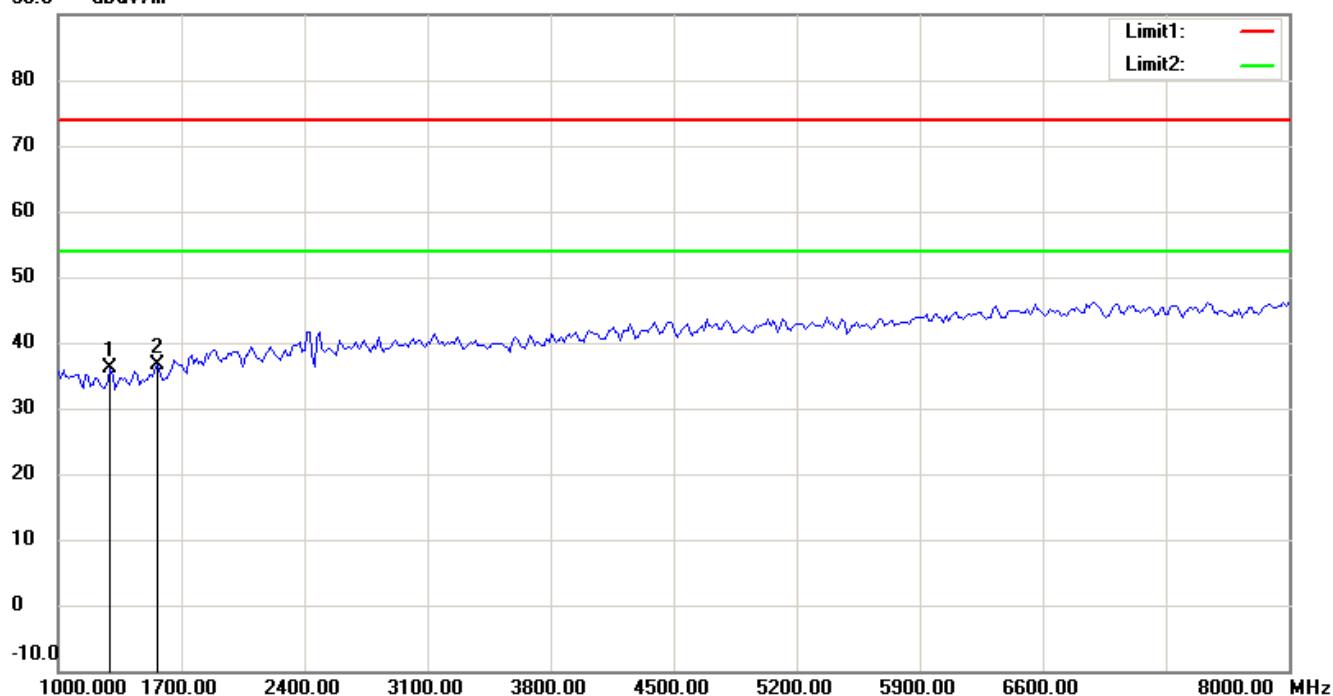
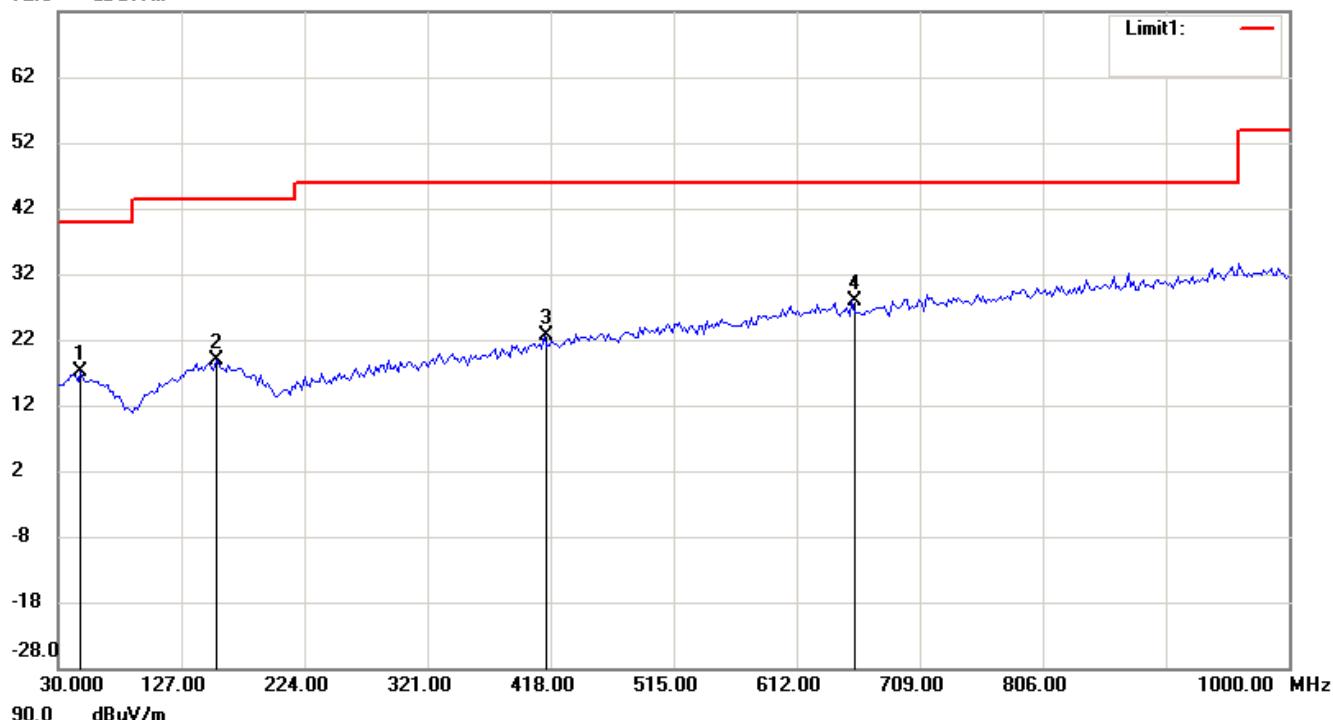
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

1900 band\_Idle Mode\_3.5 V

Antenna Polarization H

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

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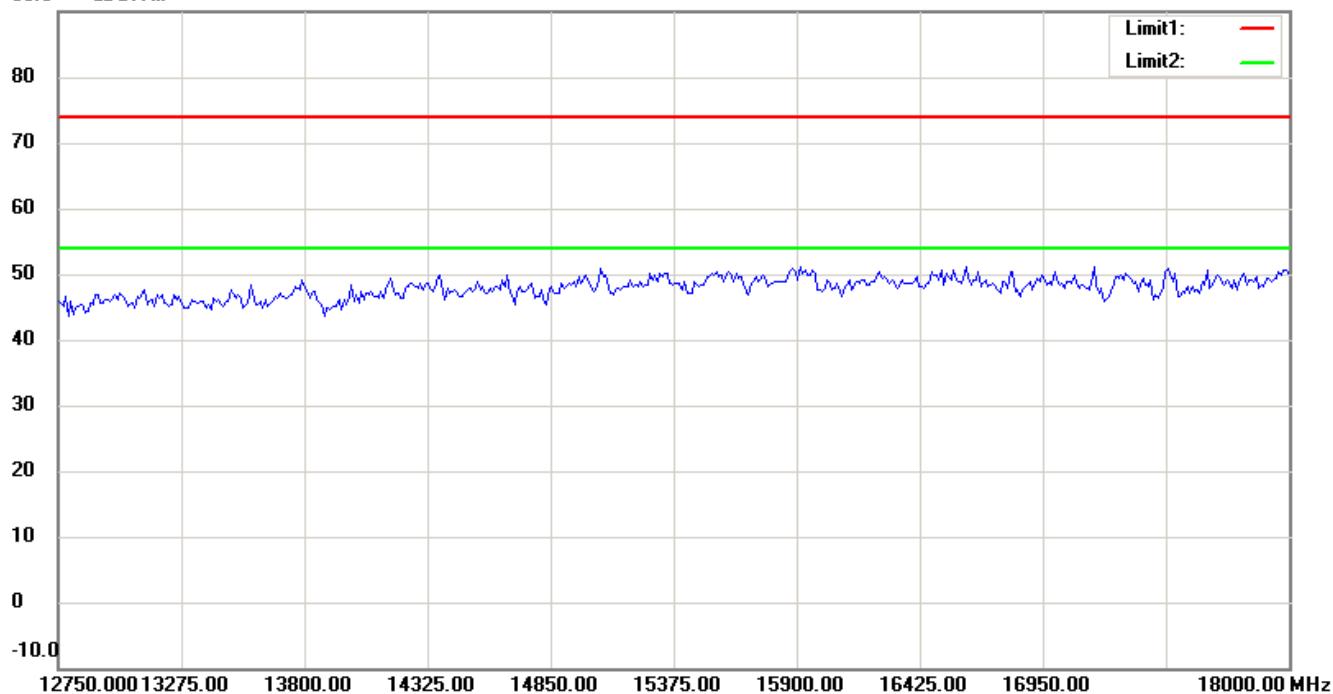
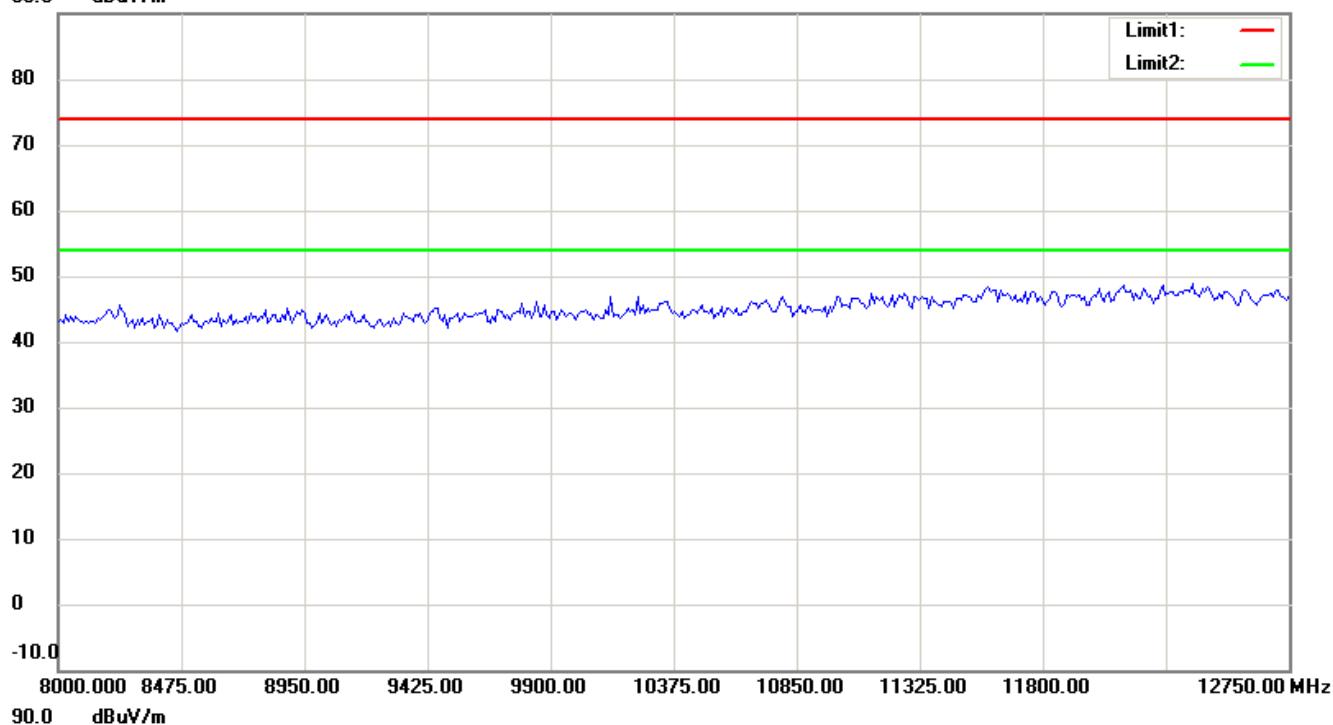


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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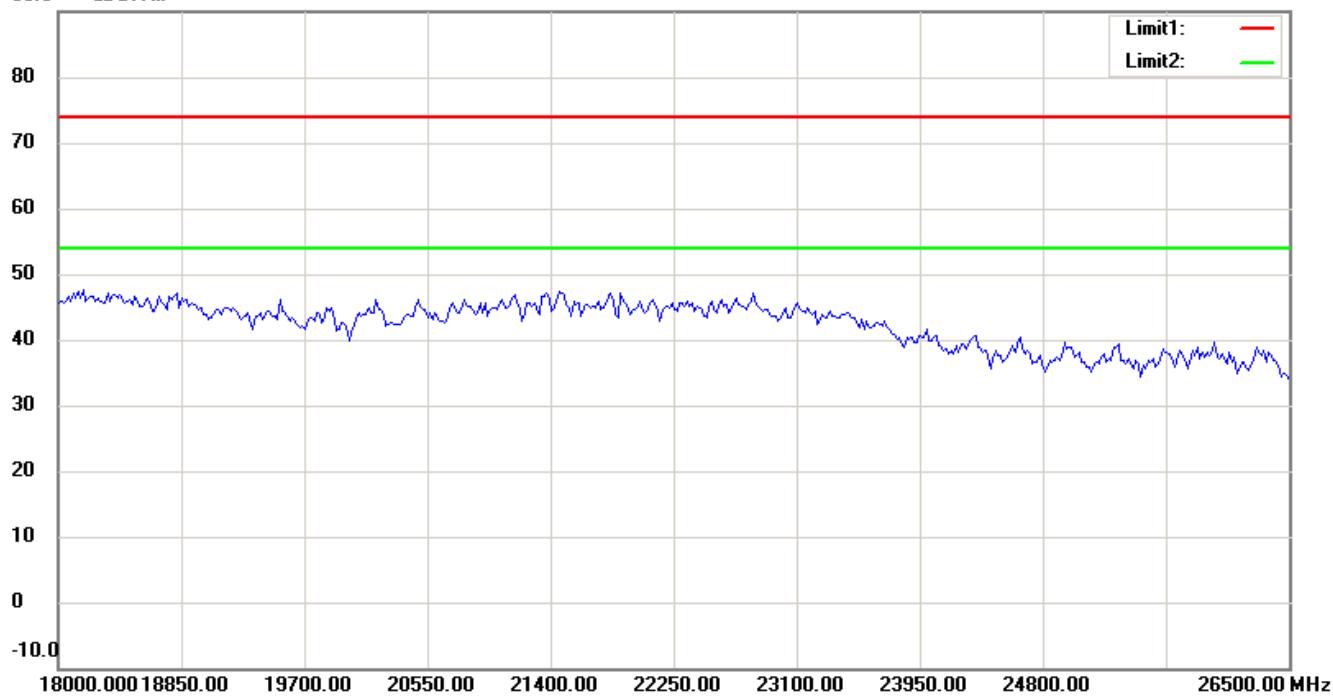


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

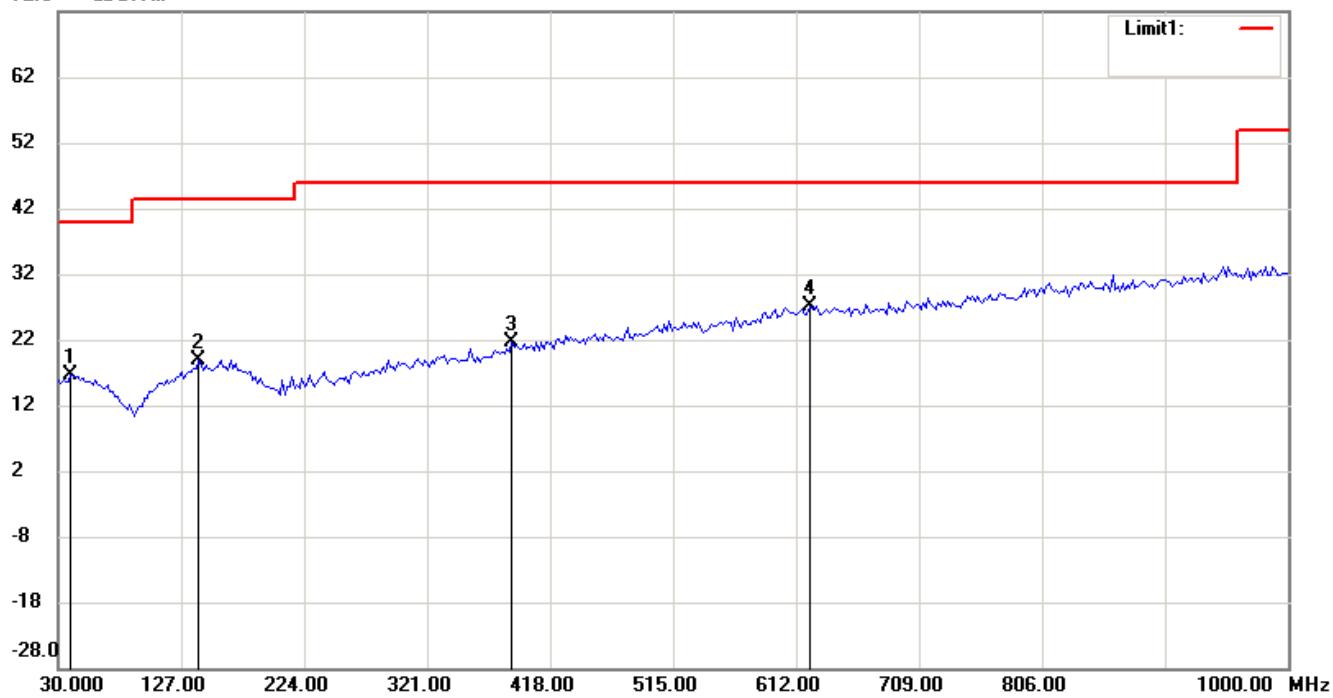
FCC ID: GX9MP

90.0 dBuV/m



Antenna Polarization V

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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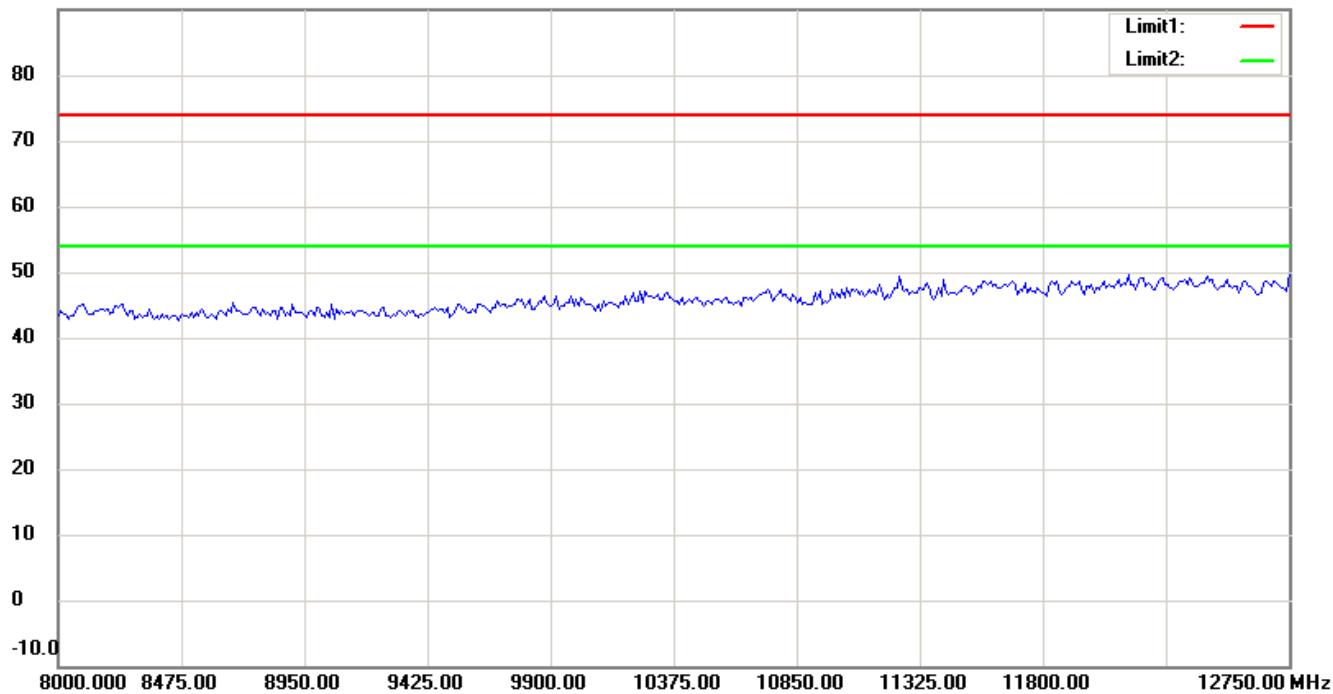
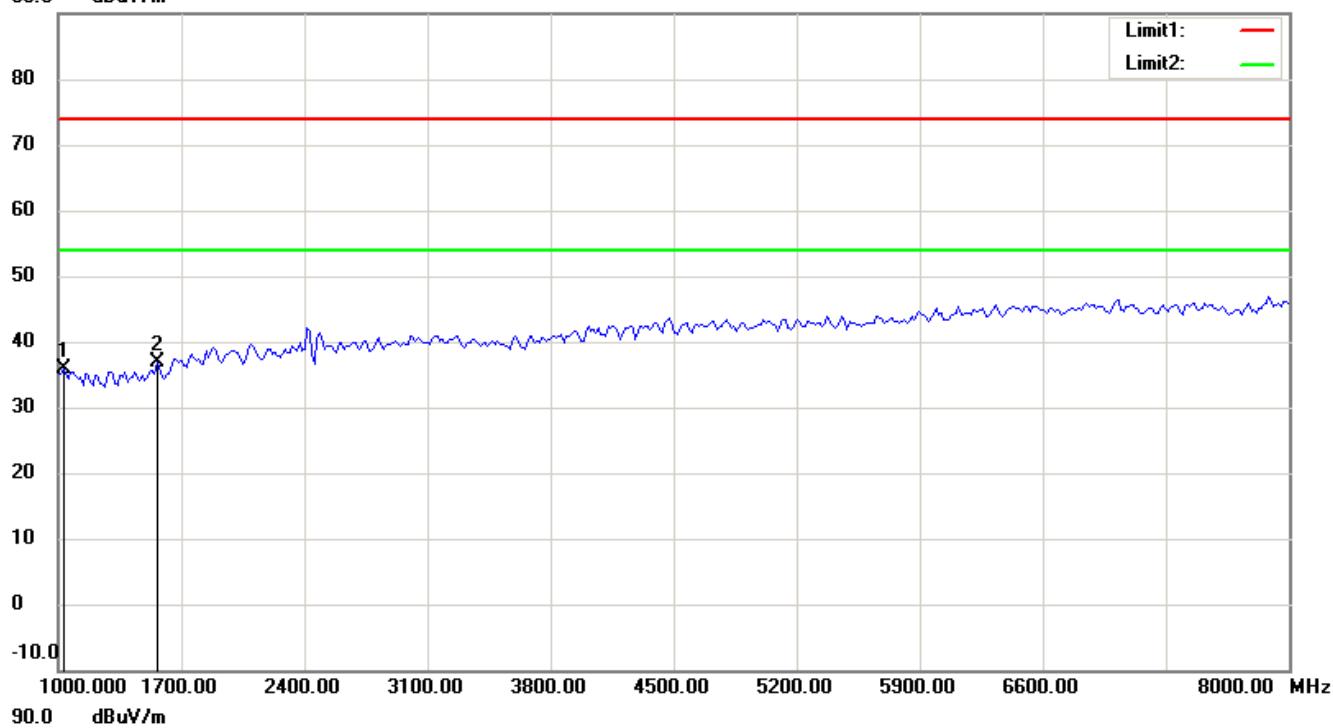


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

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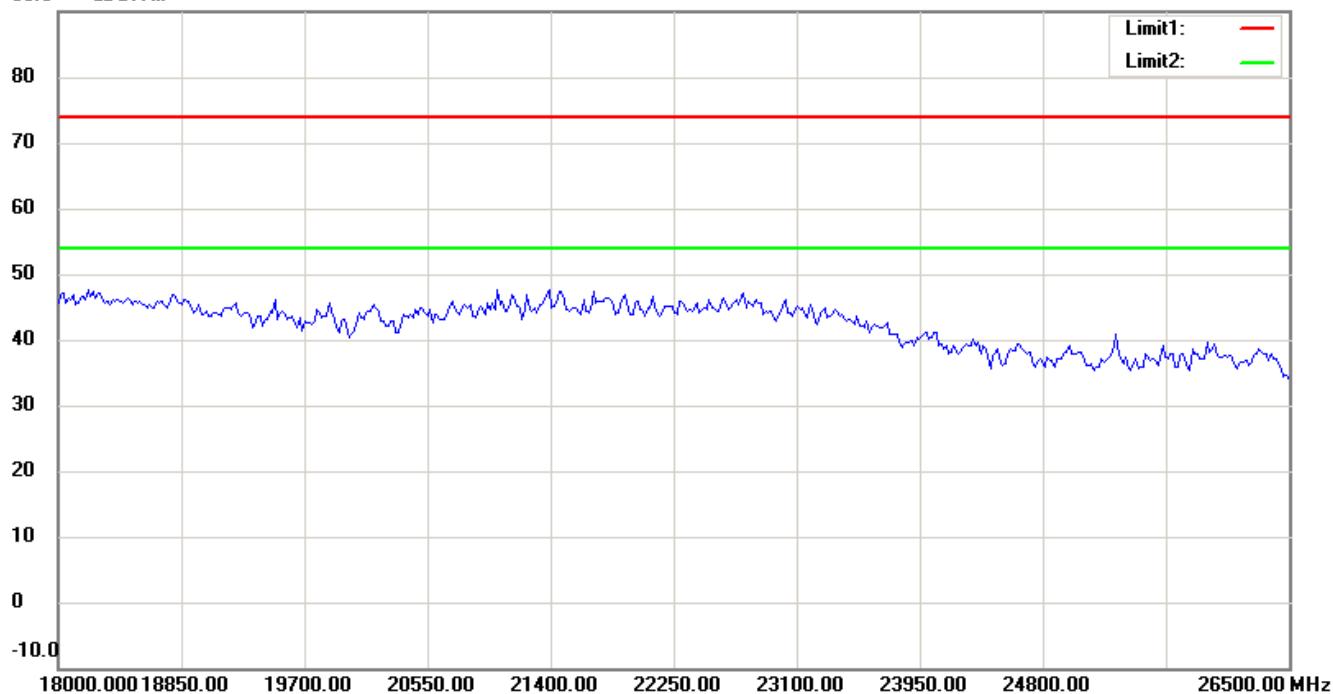
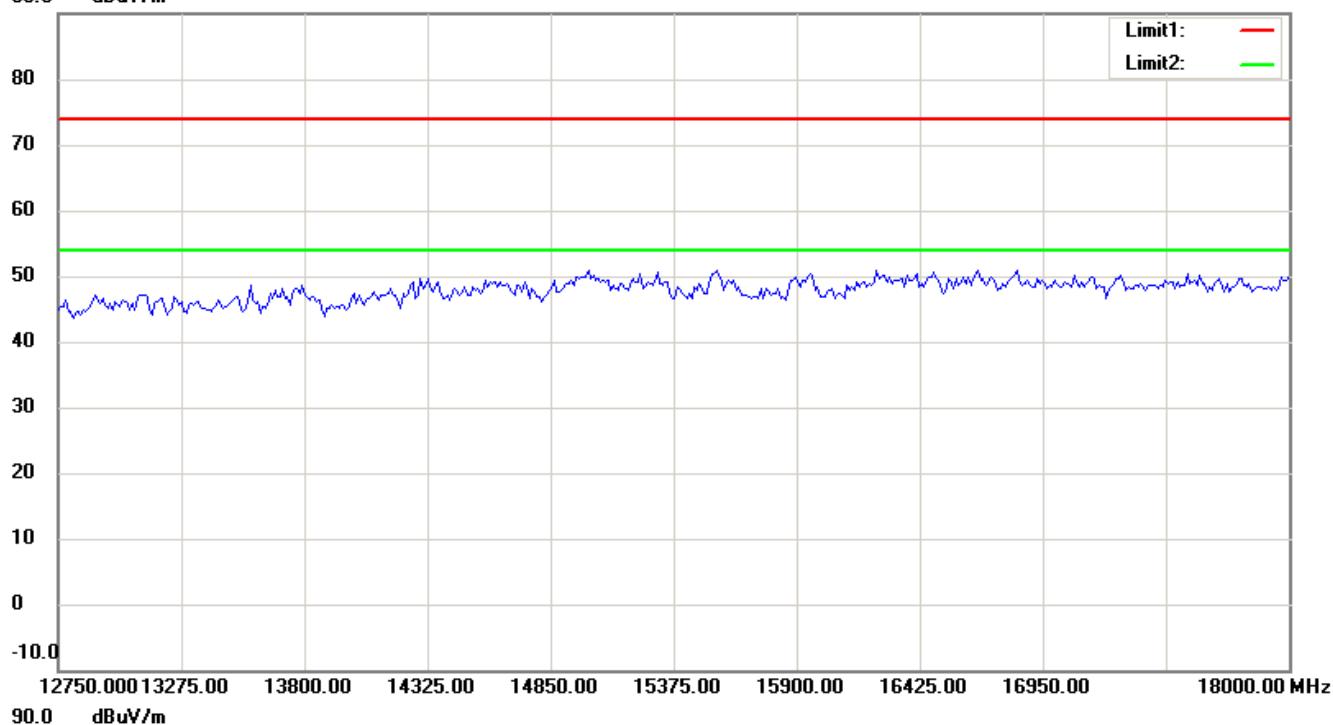


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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# Worldwide Testing Services(Taiwan) Co., Ltd.

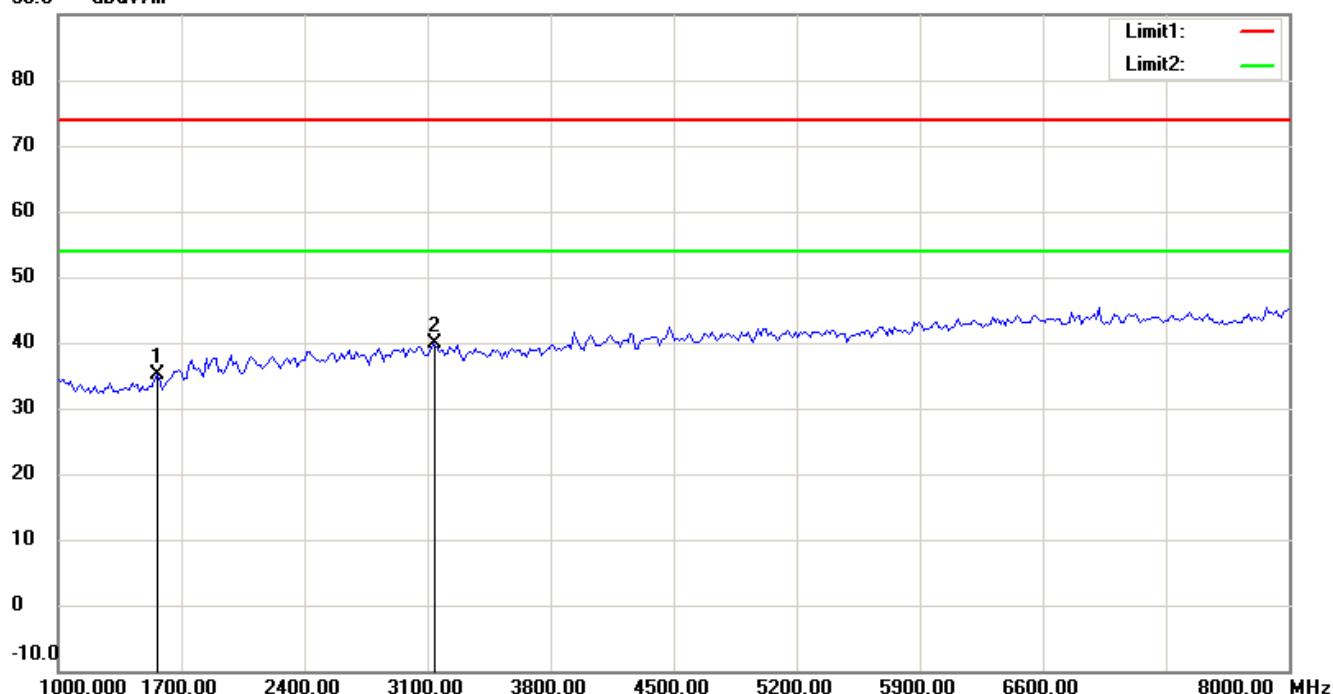
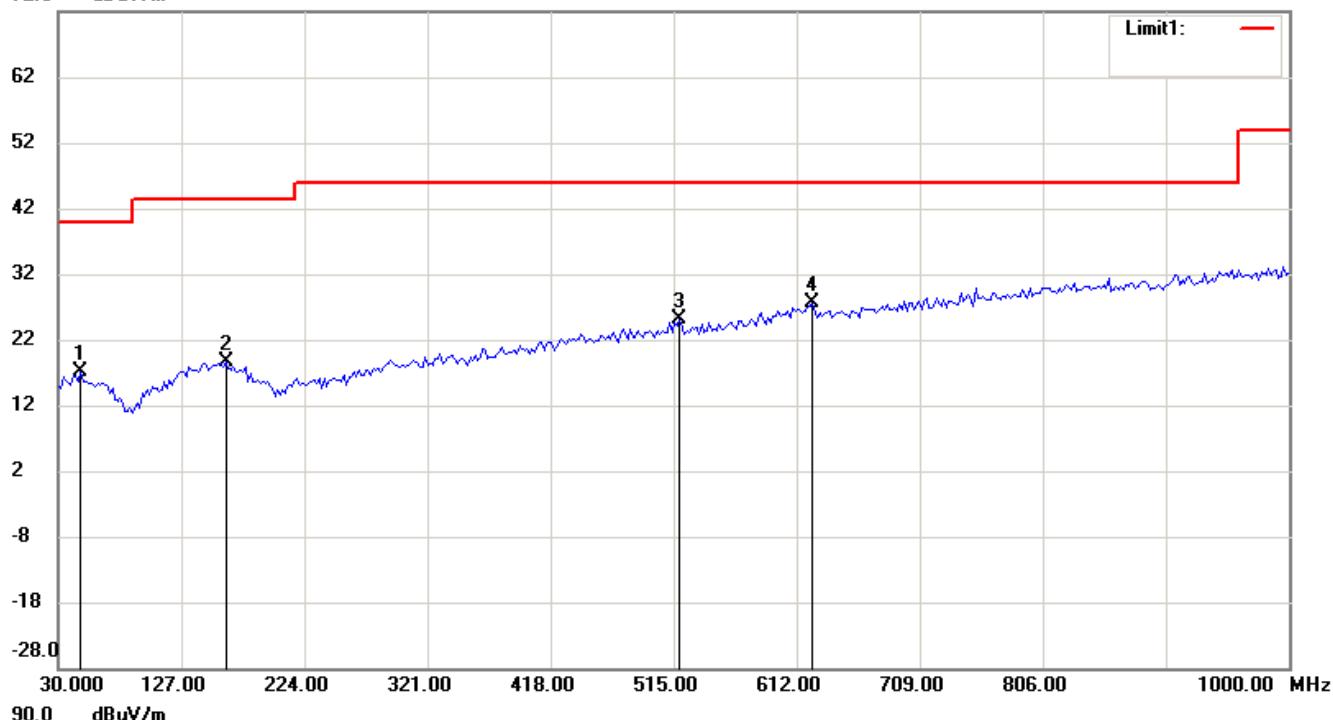
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

1900 band\_Idle Mode\_4.07 V

Antenna Polarization H

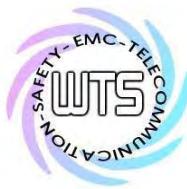
72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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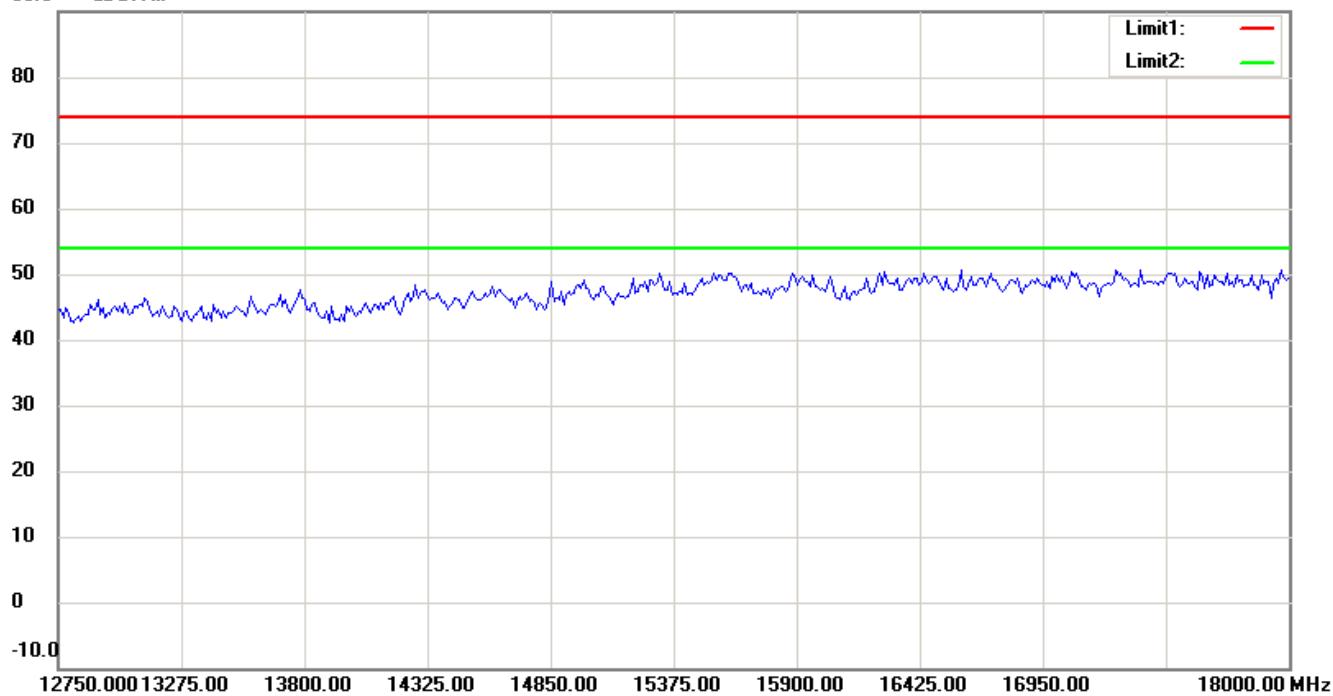
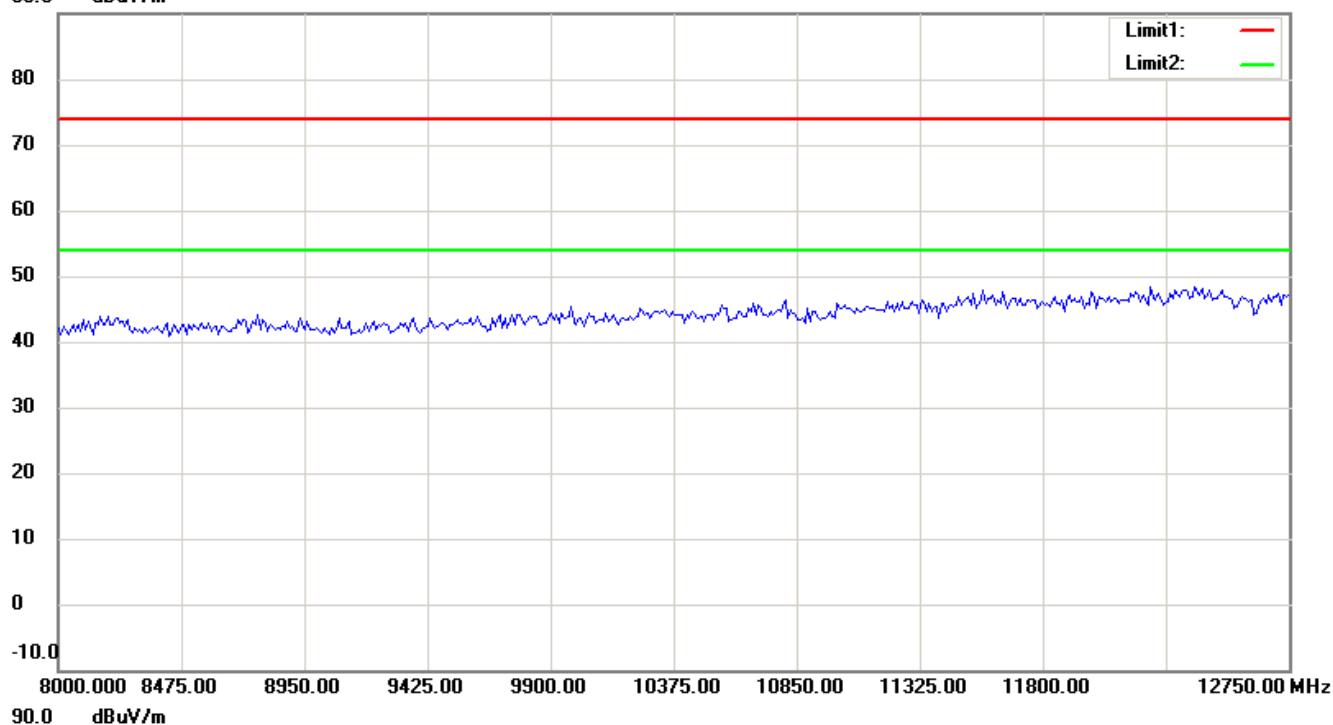


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

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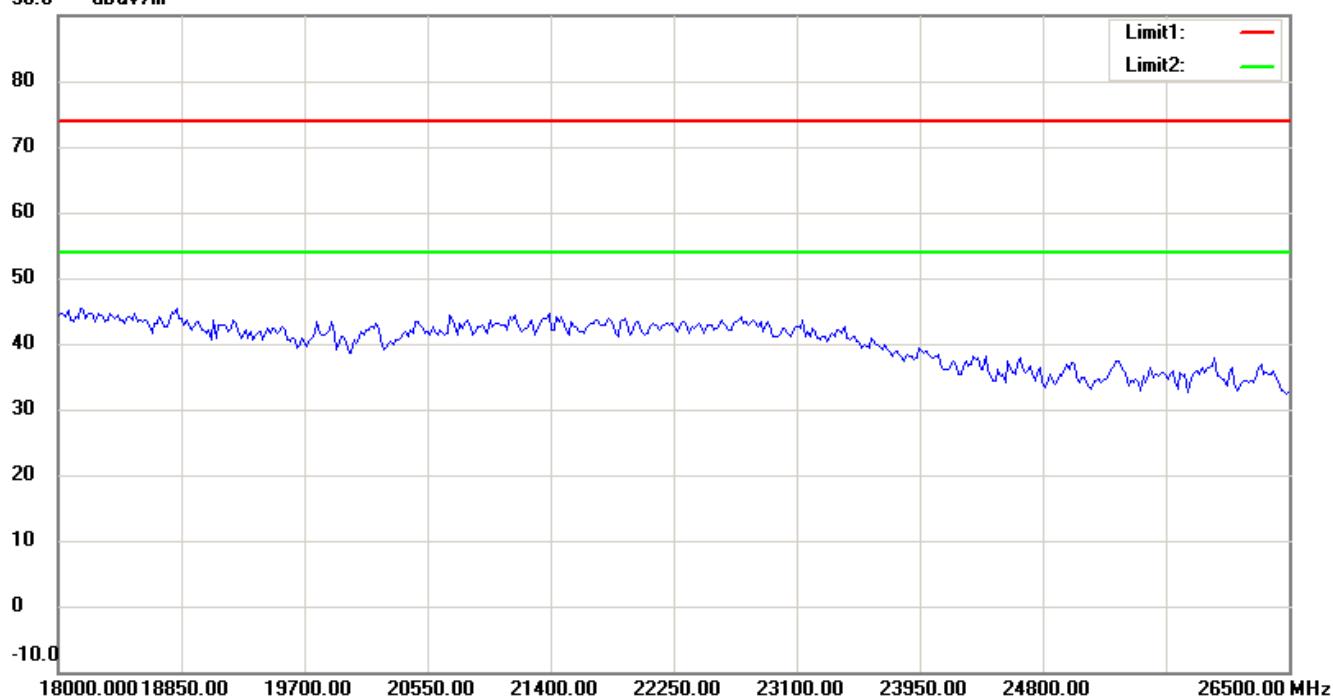


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

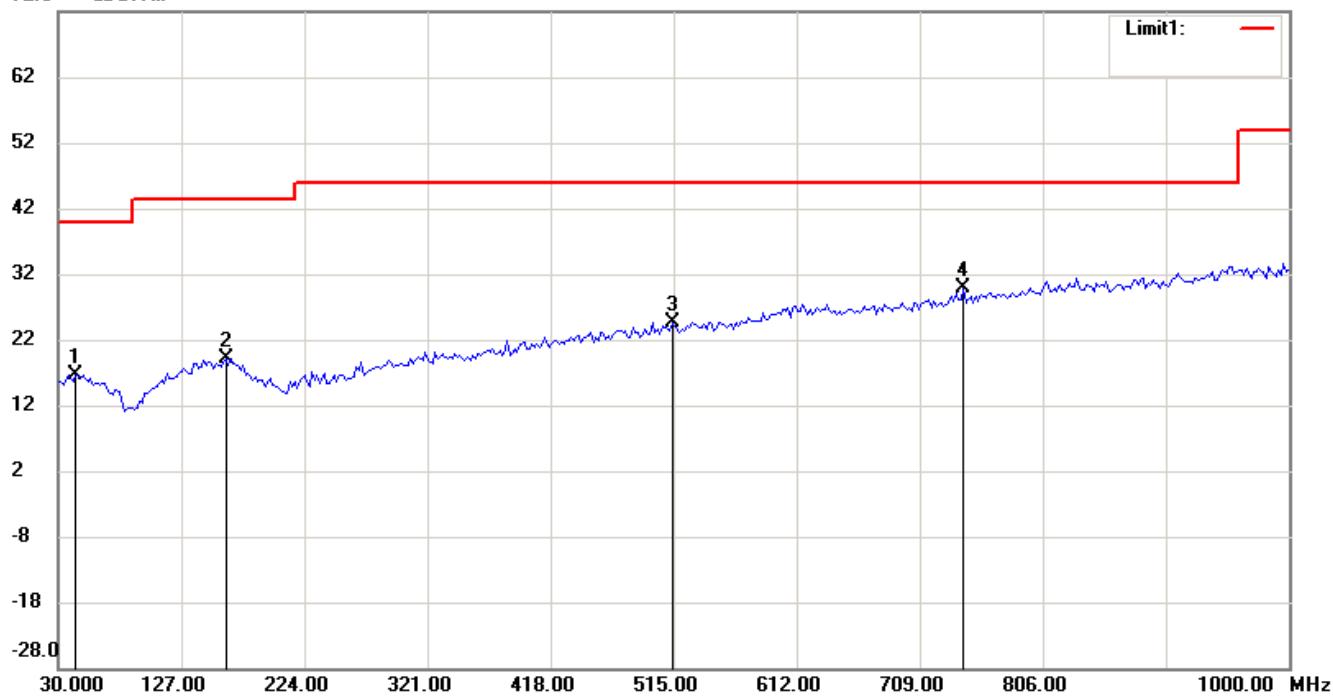
FCC ID: GX9MP

90.0 dBuV/m



## Antenna Polarization V

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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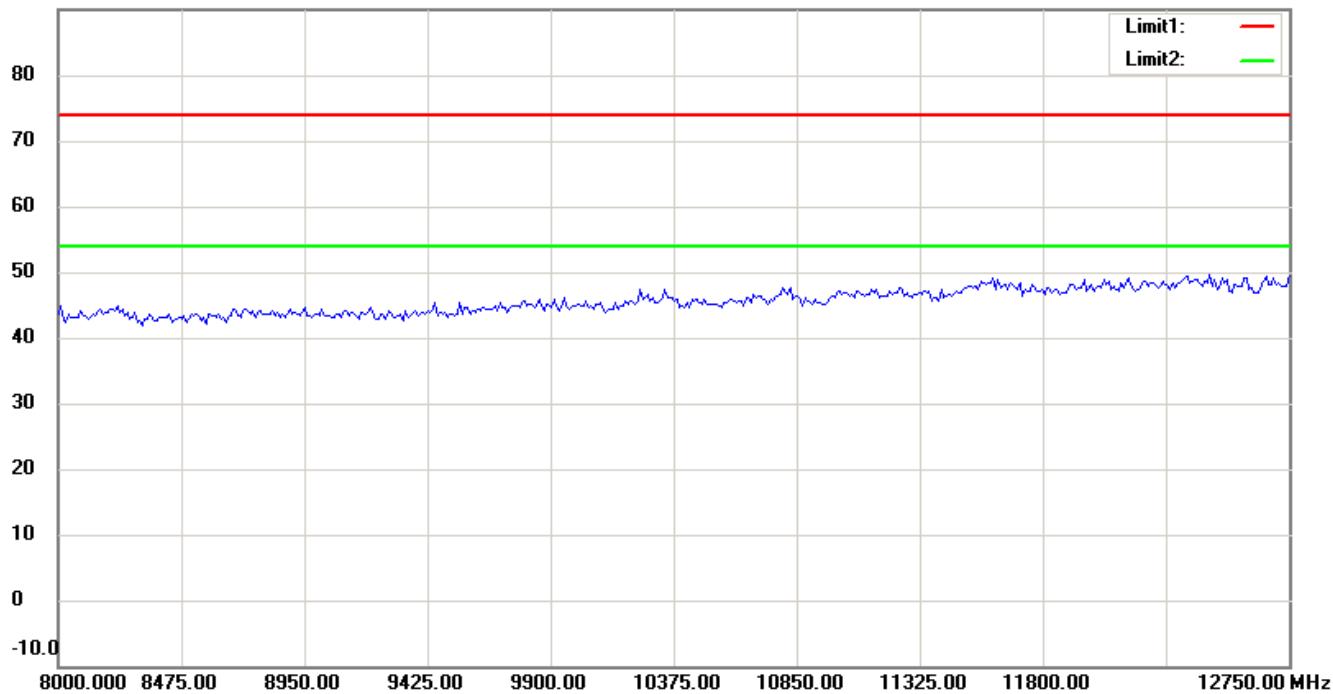
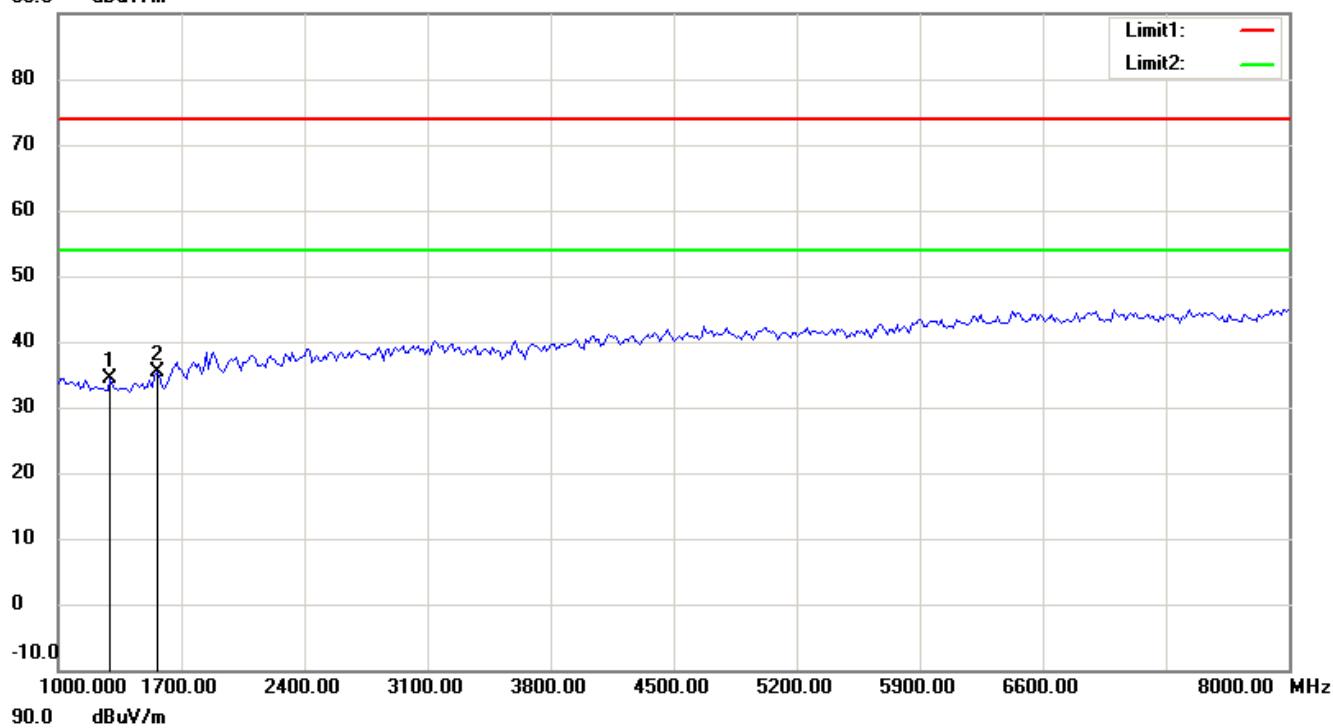


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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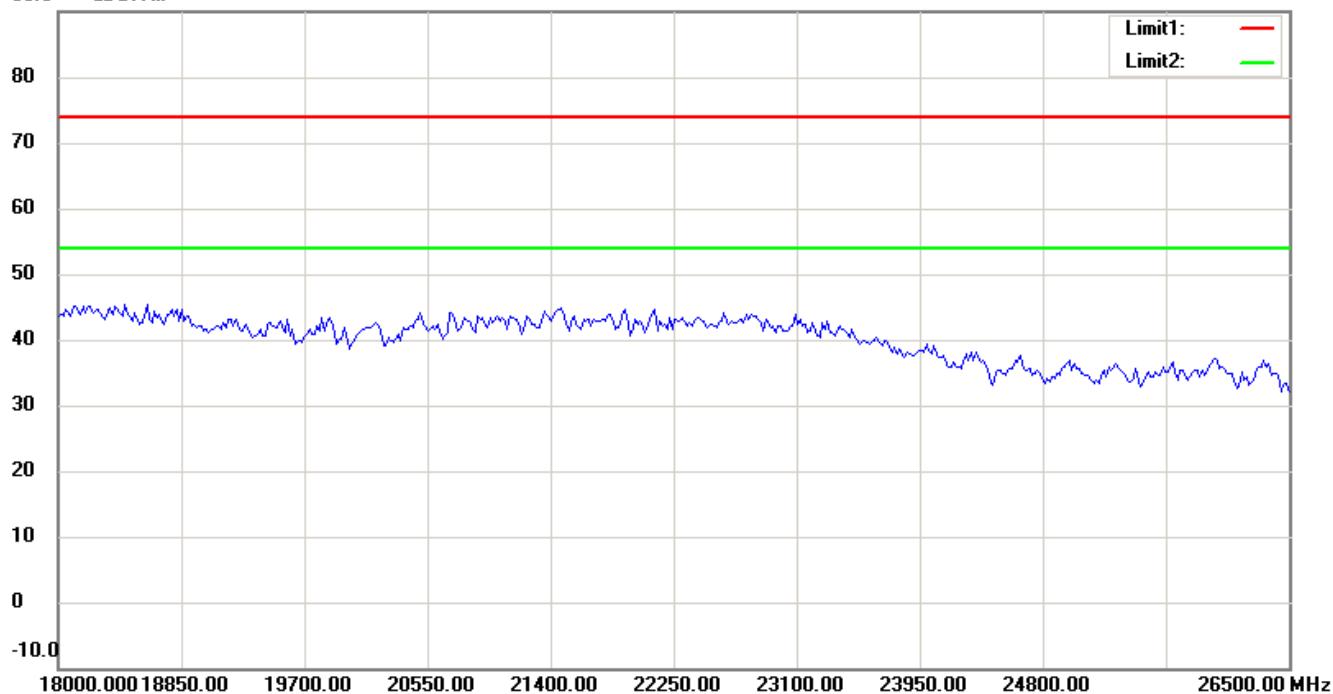
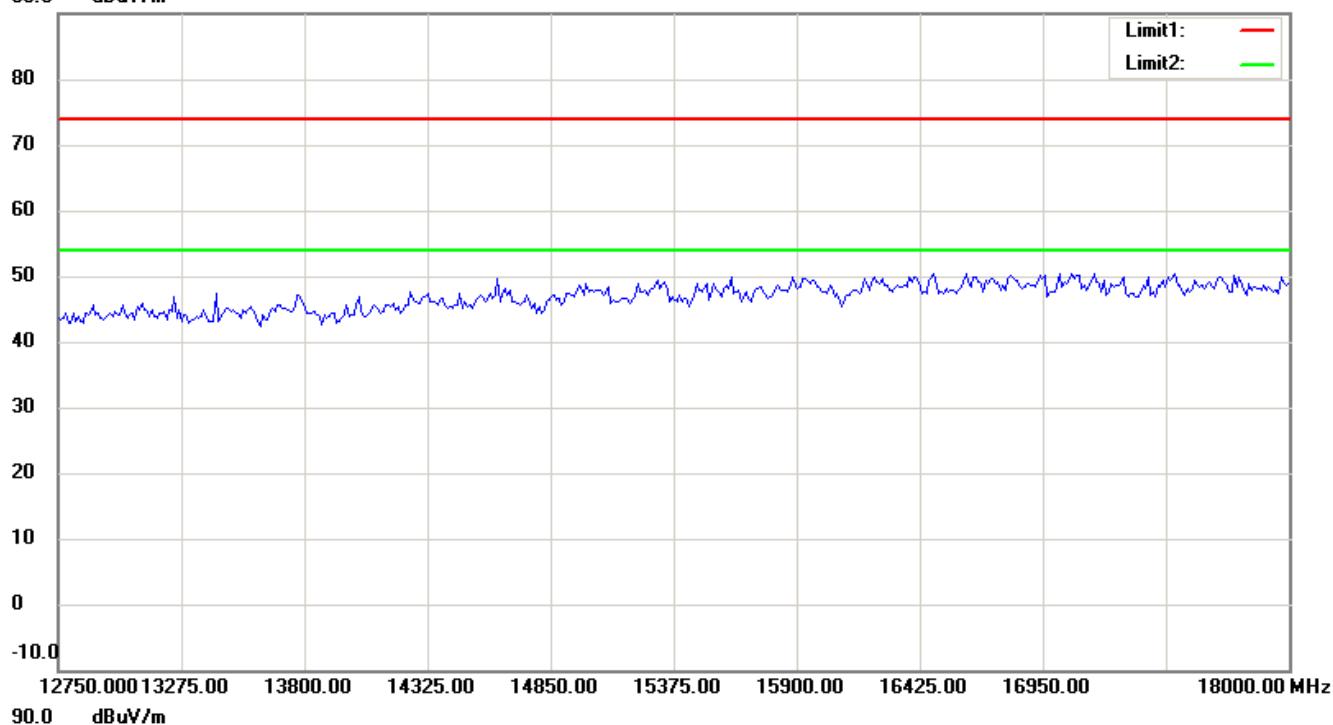


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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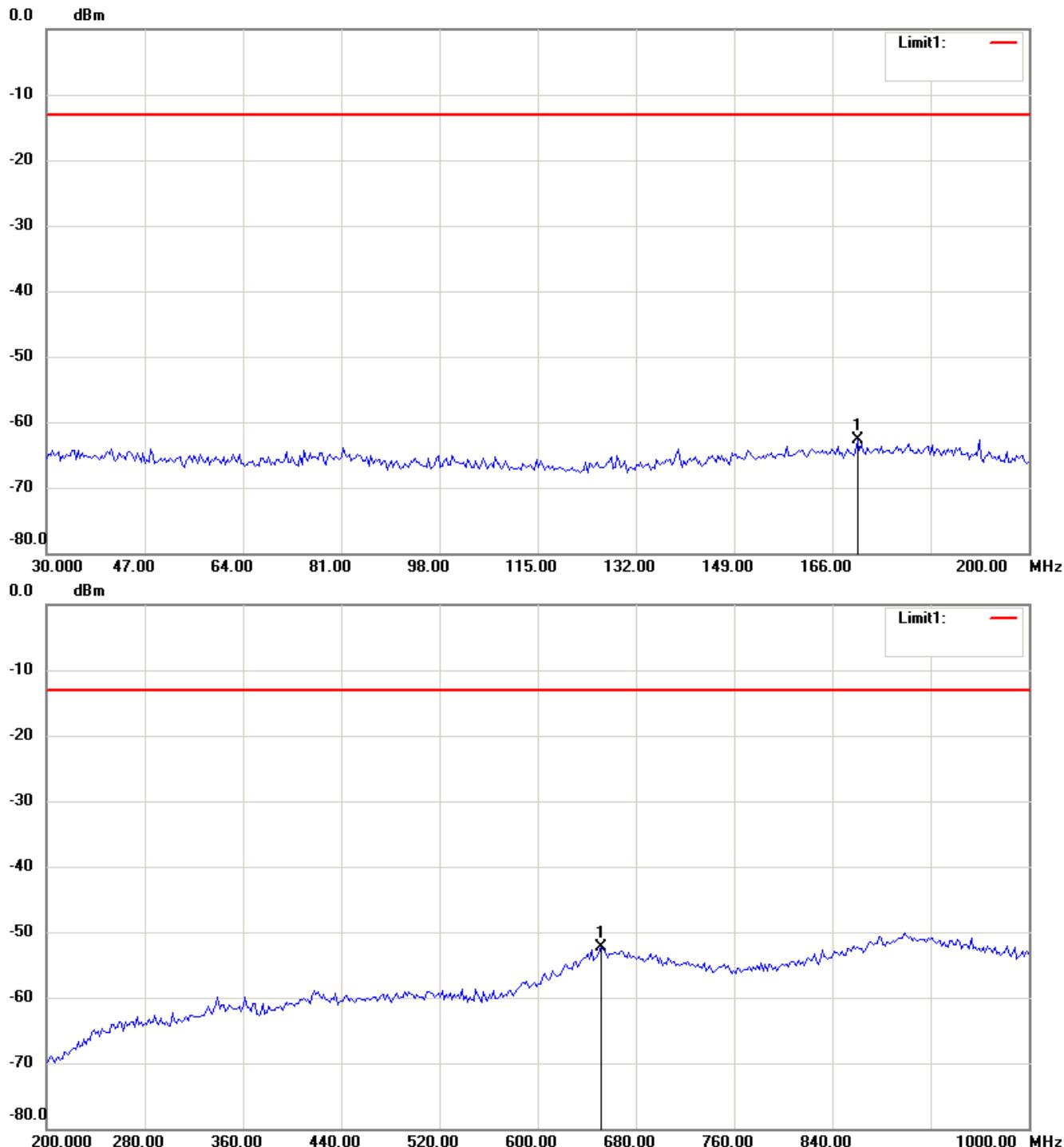
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band II\_CH 9262\_3.5 V

Antenna Polarization H



**Note:**

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3. For corrected test results are listed in the relevant table of radiated test data of this test report.

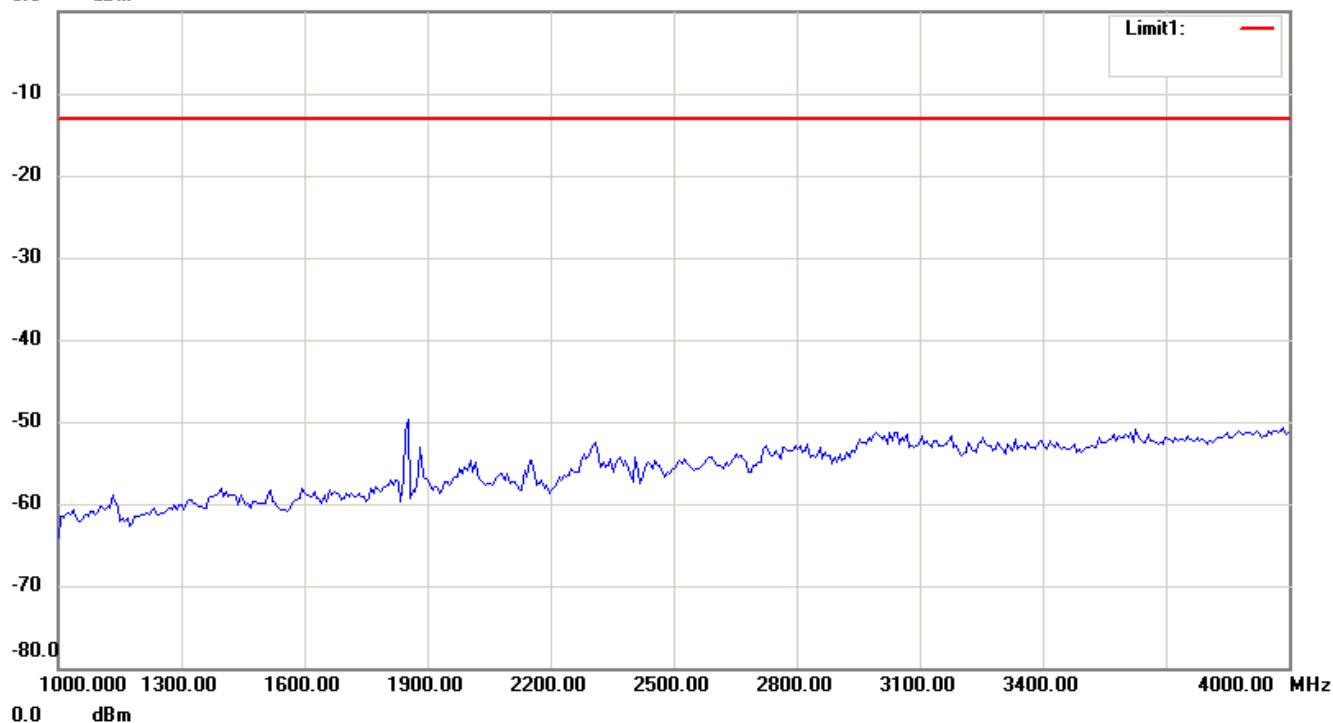


# Worldwide Testing Services(Taiwan) Co., Ltd.

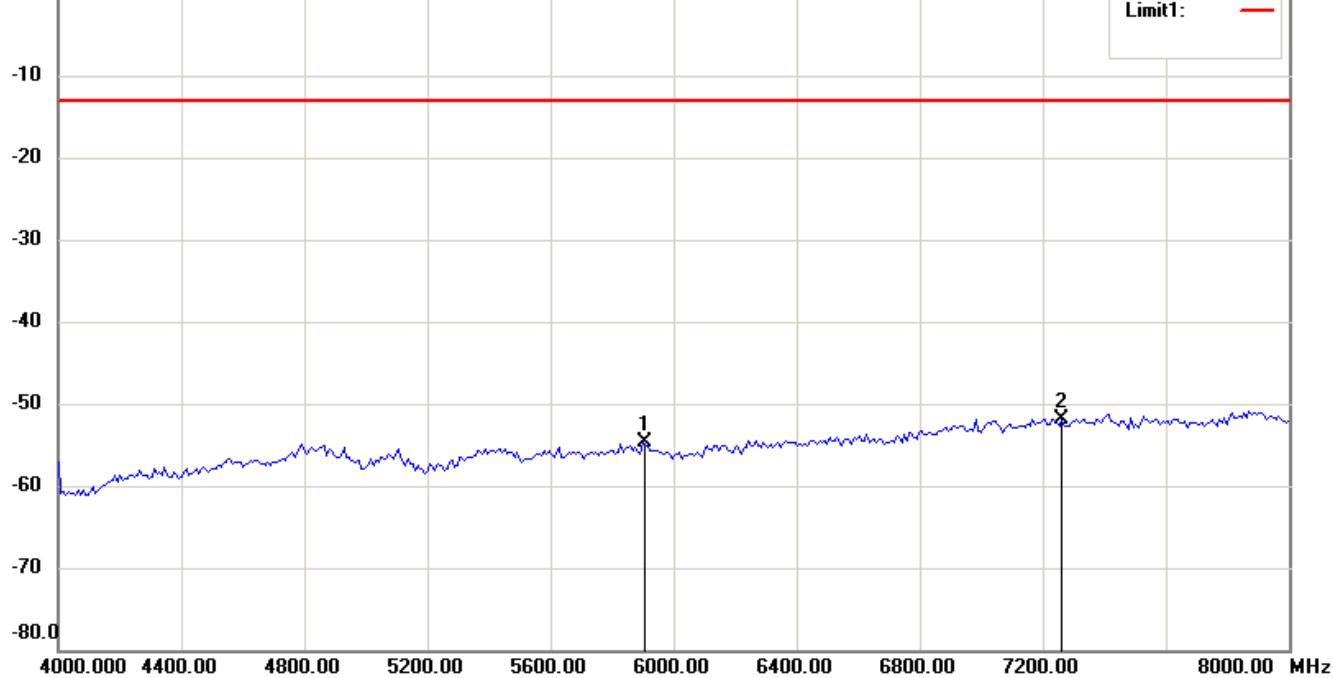
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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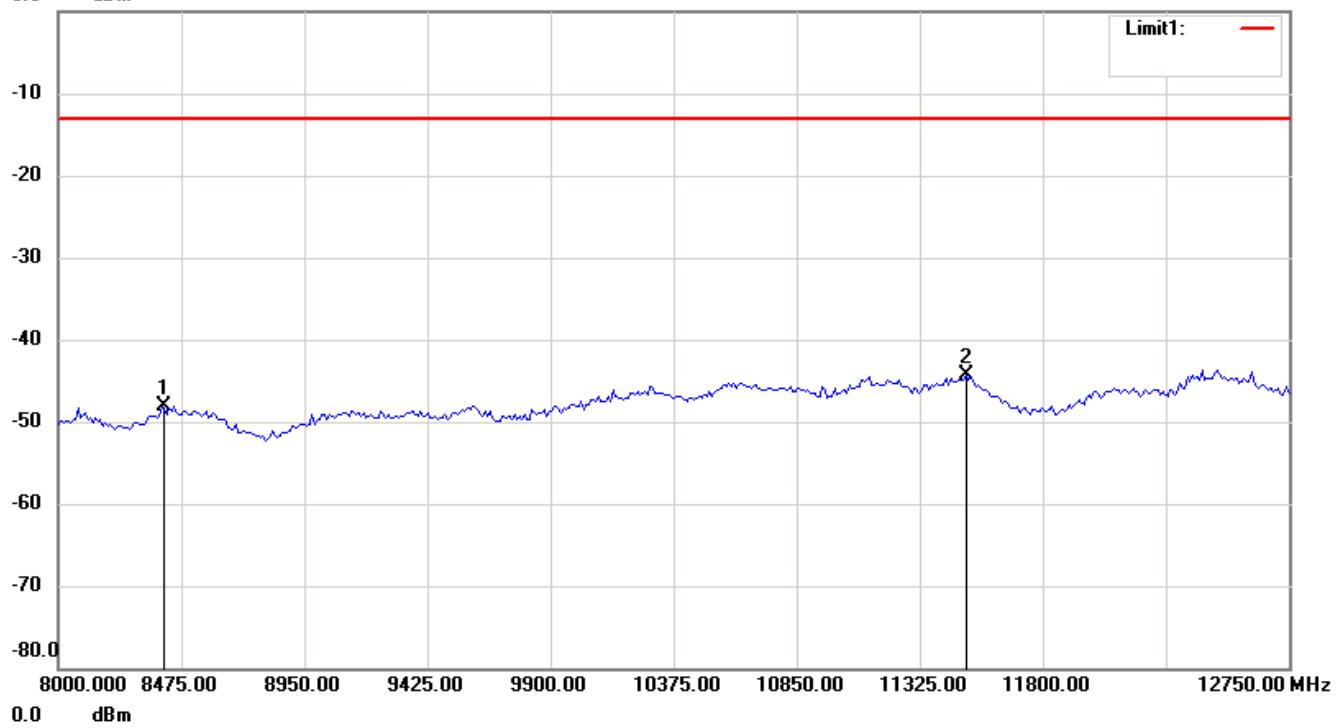


# Worldwide Testing Services(Taiwan) Co., Ltd.

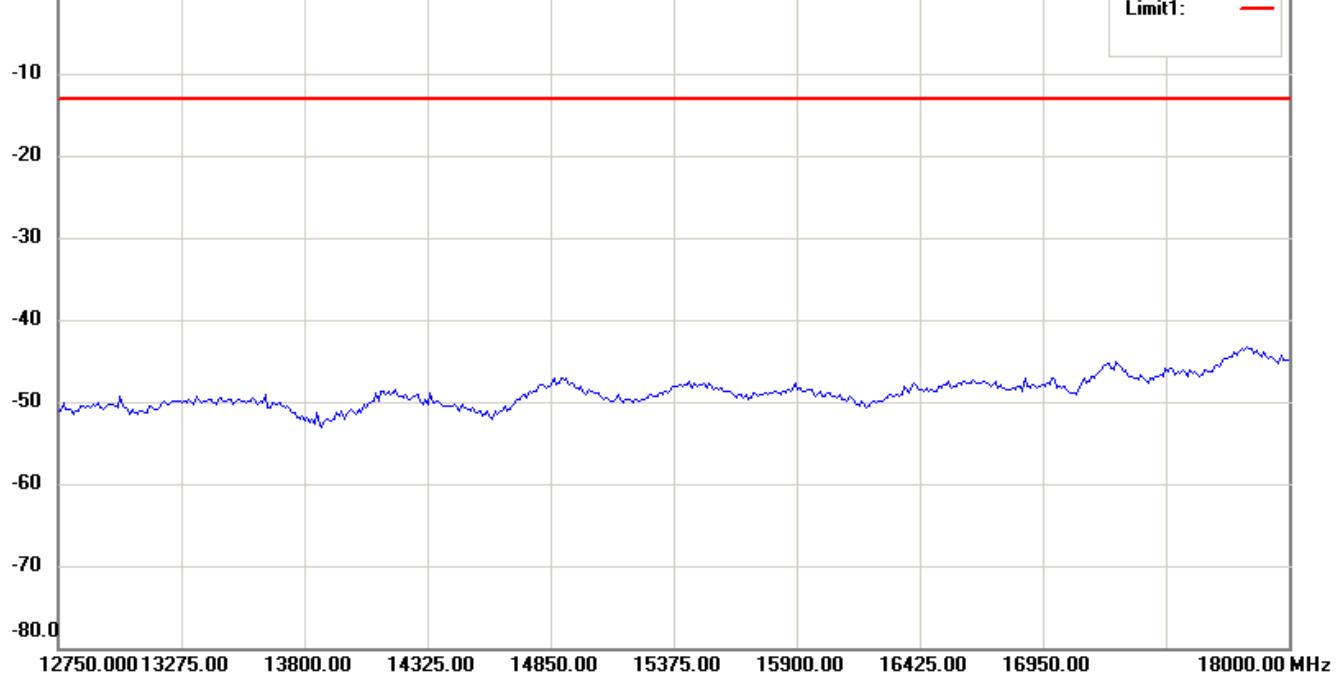
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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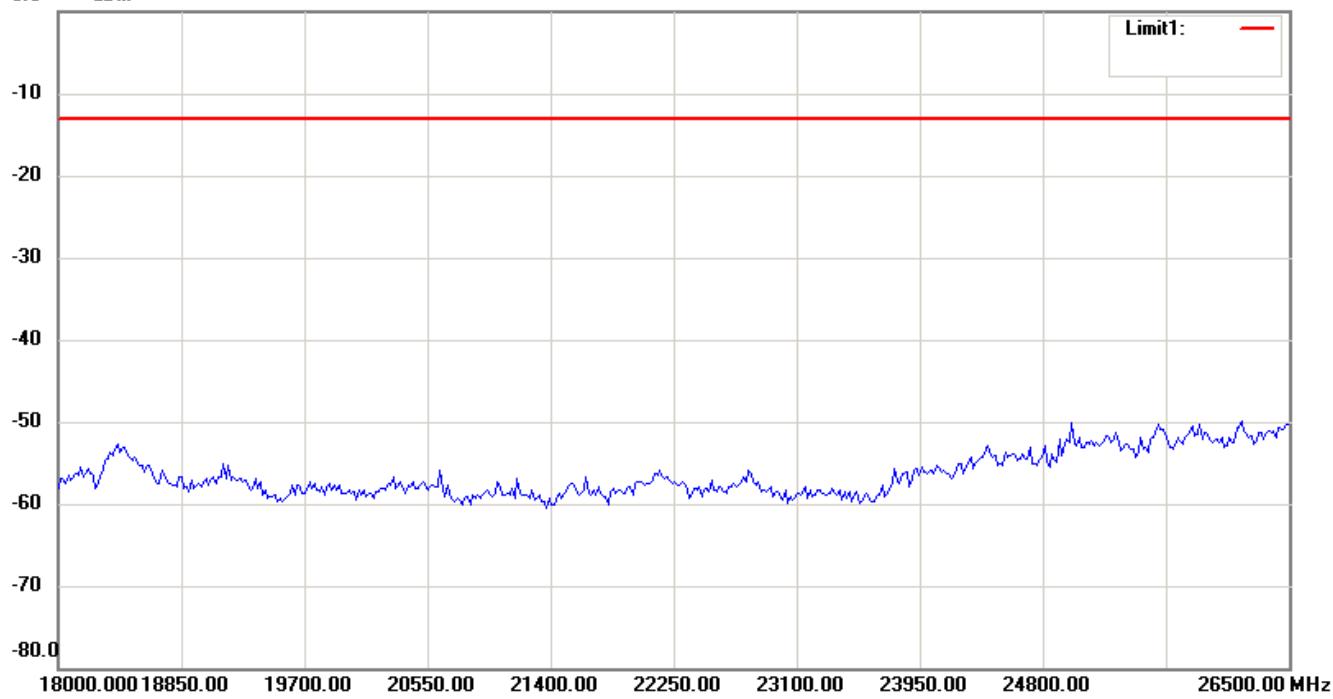


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

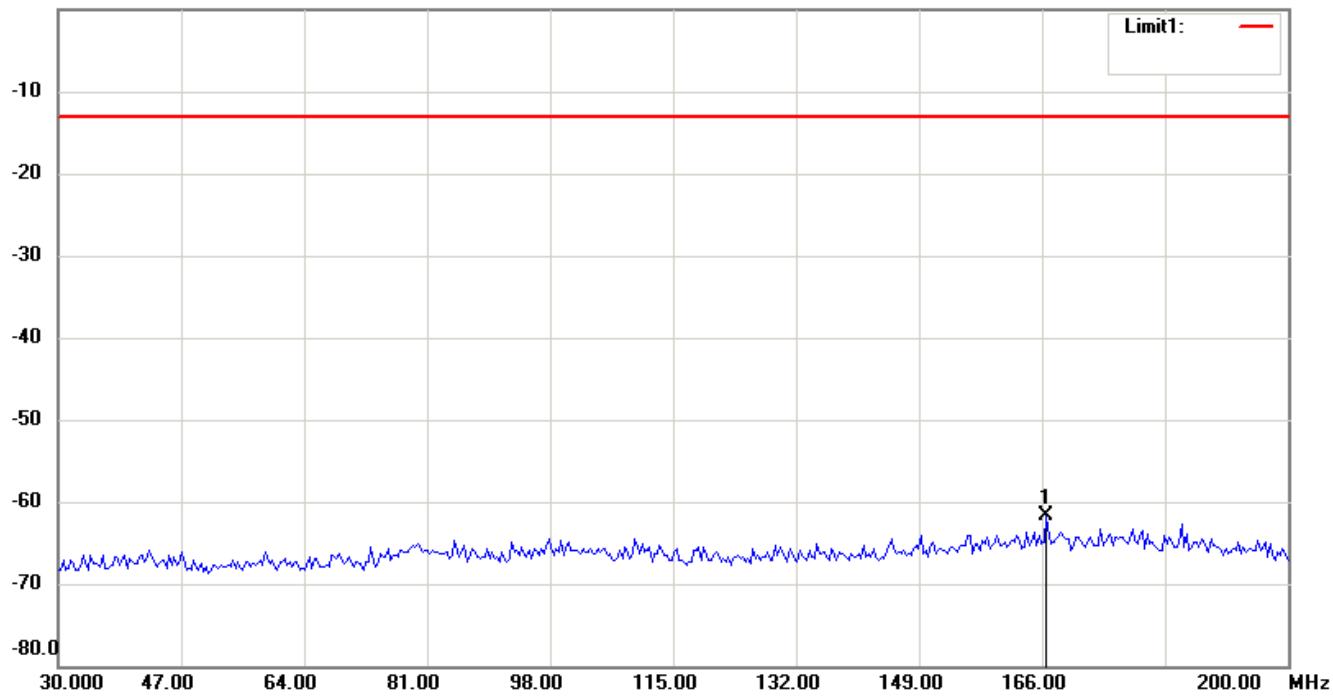
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



**Note:**

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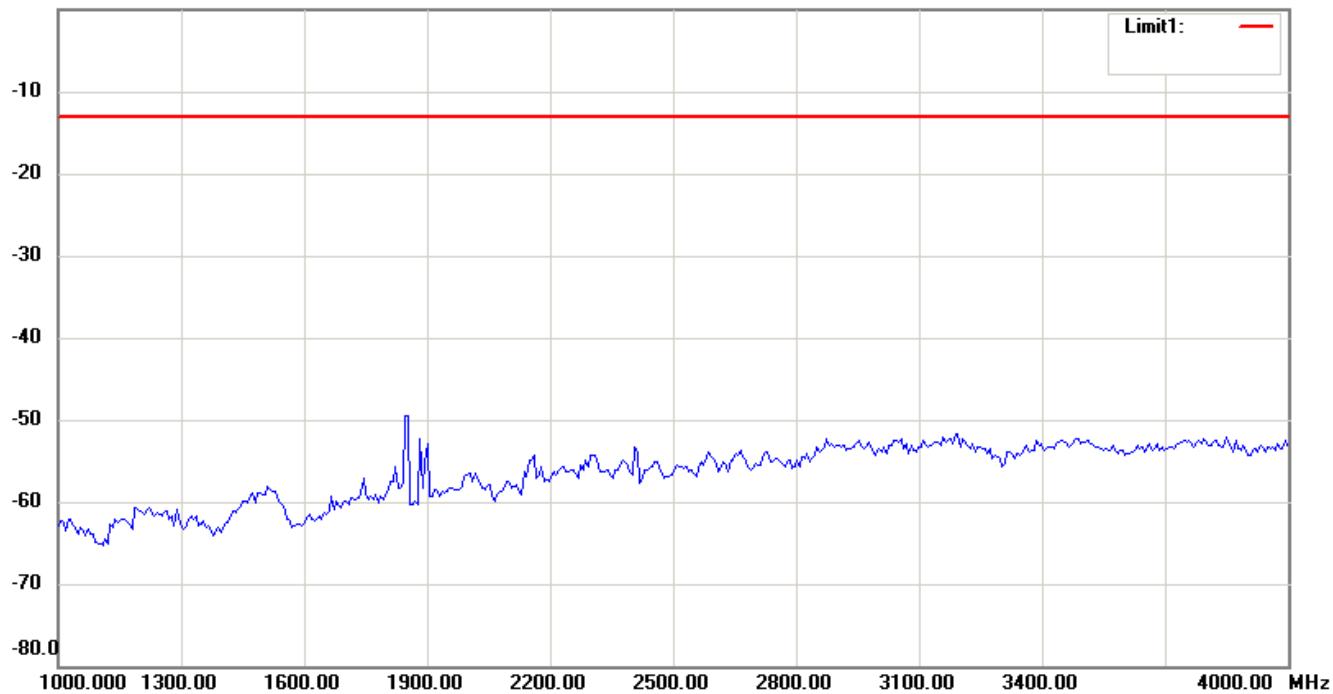
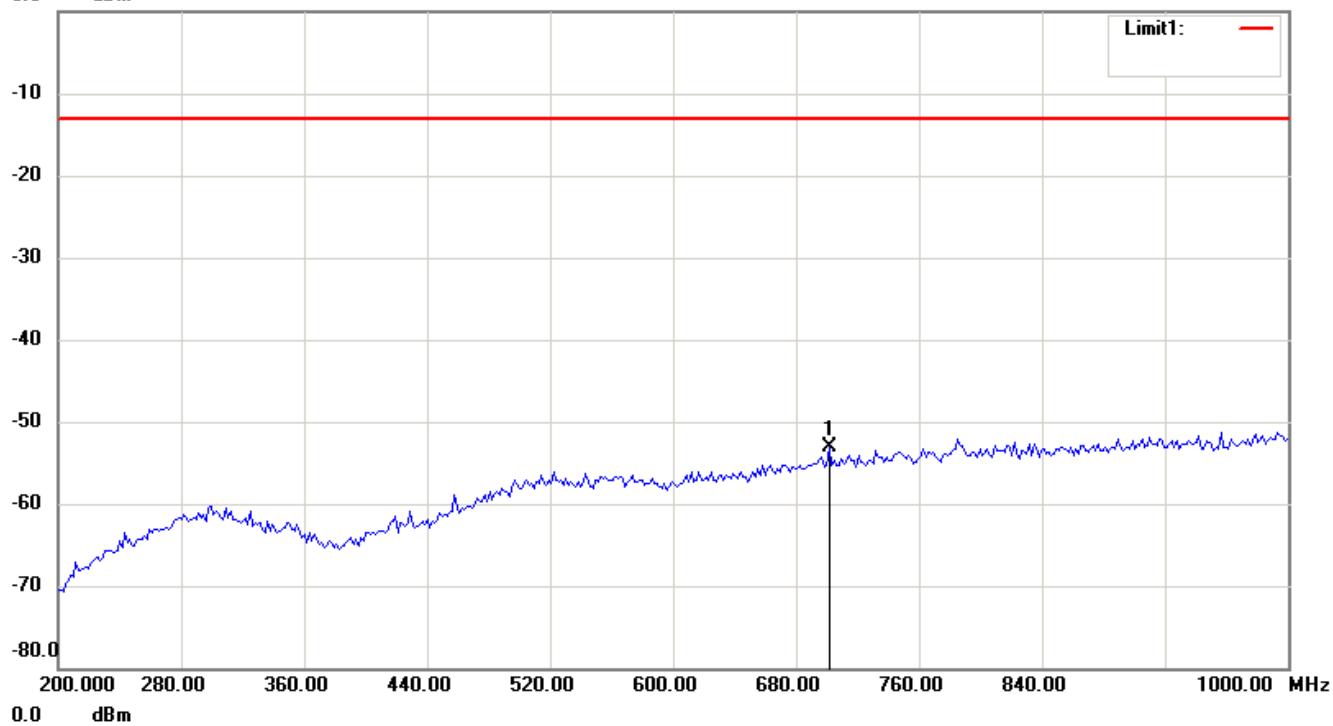


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

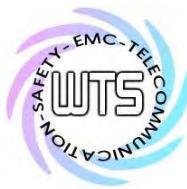
FCC ID: GX9MP

0.0 dBm



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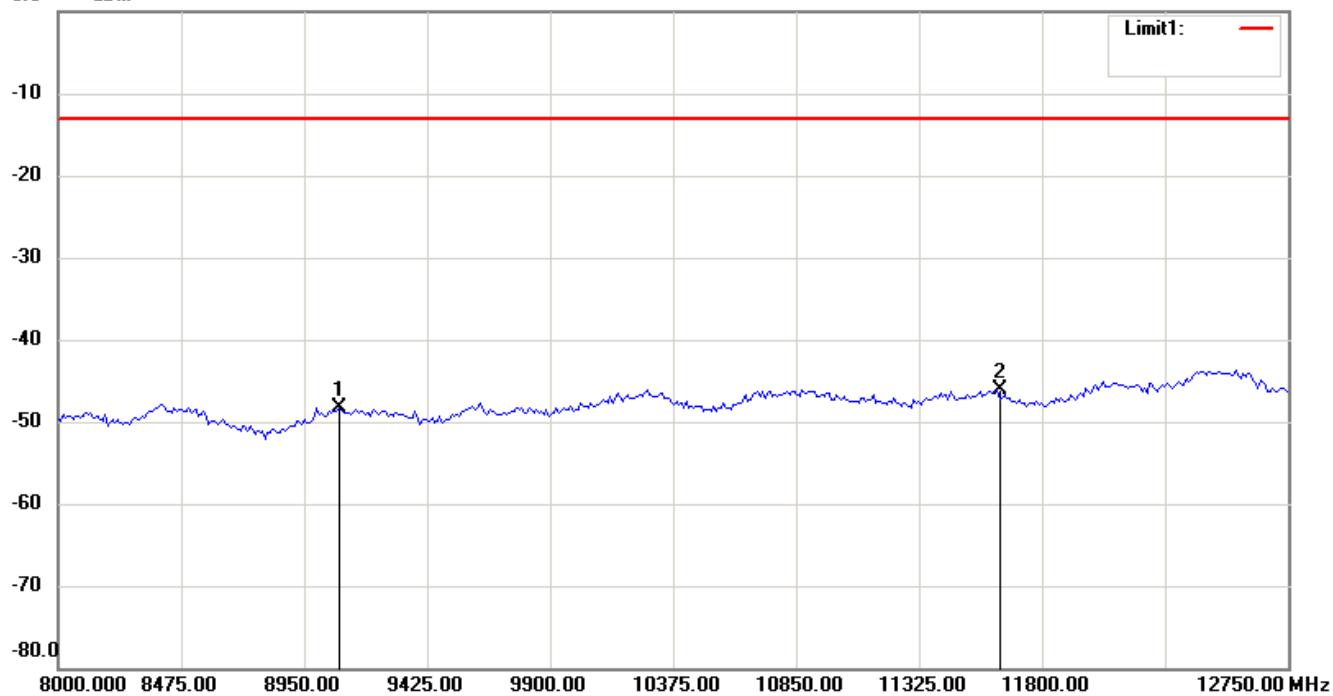
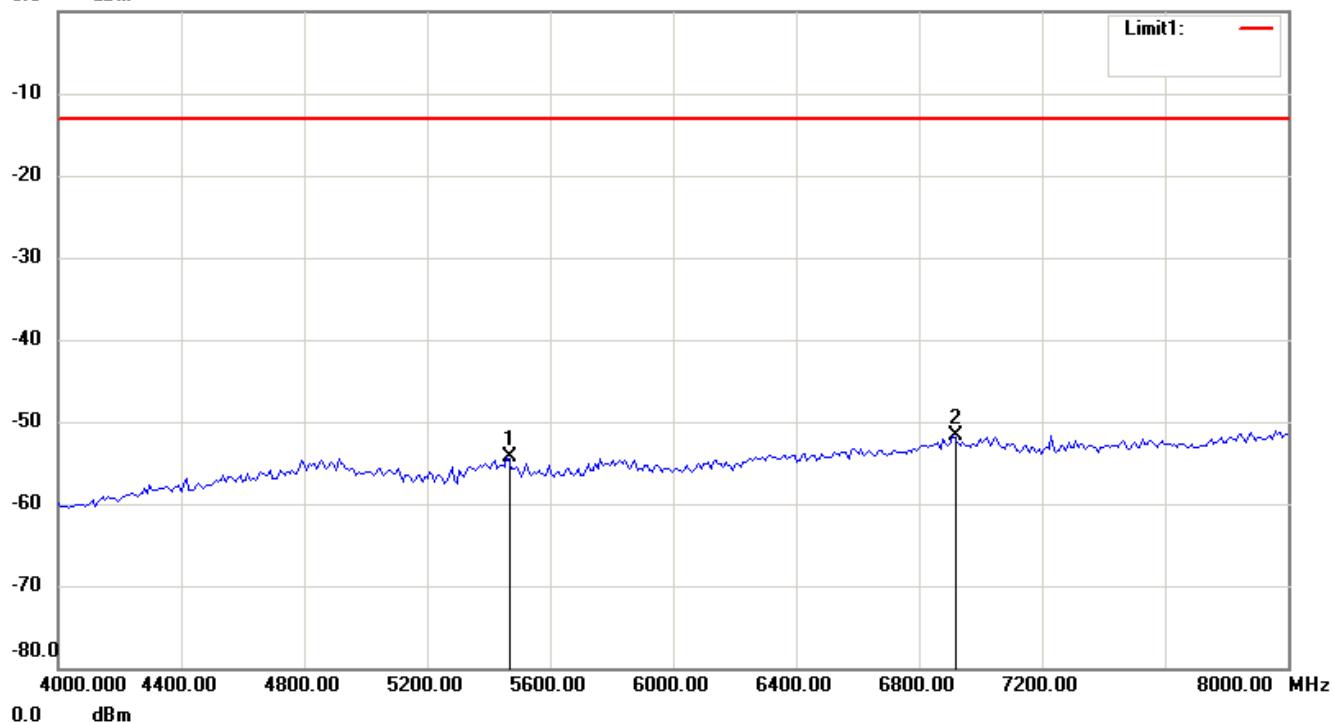


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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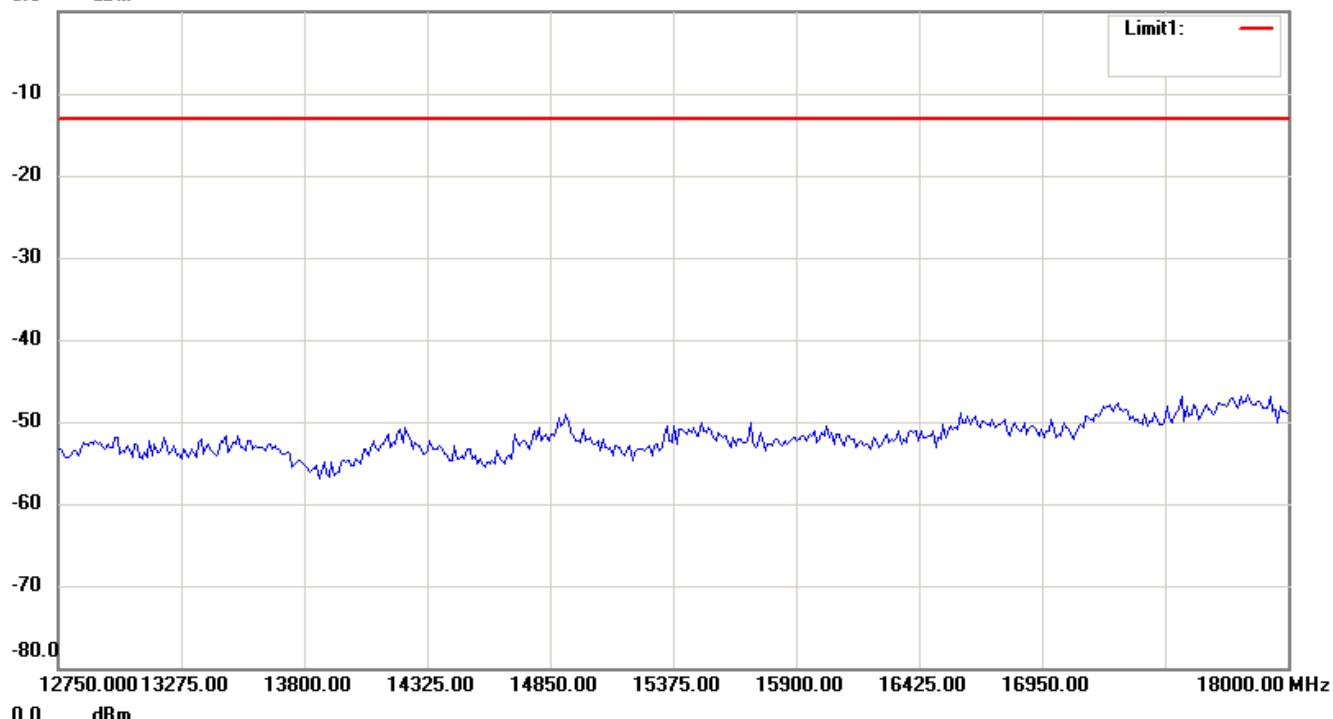


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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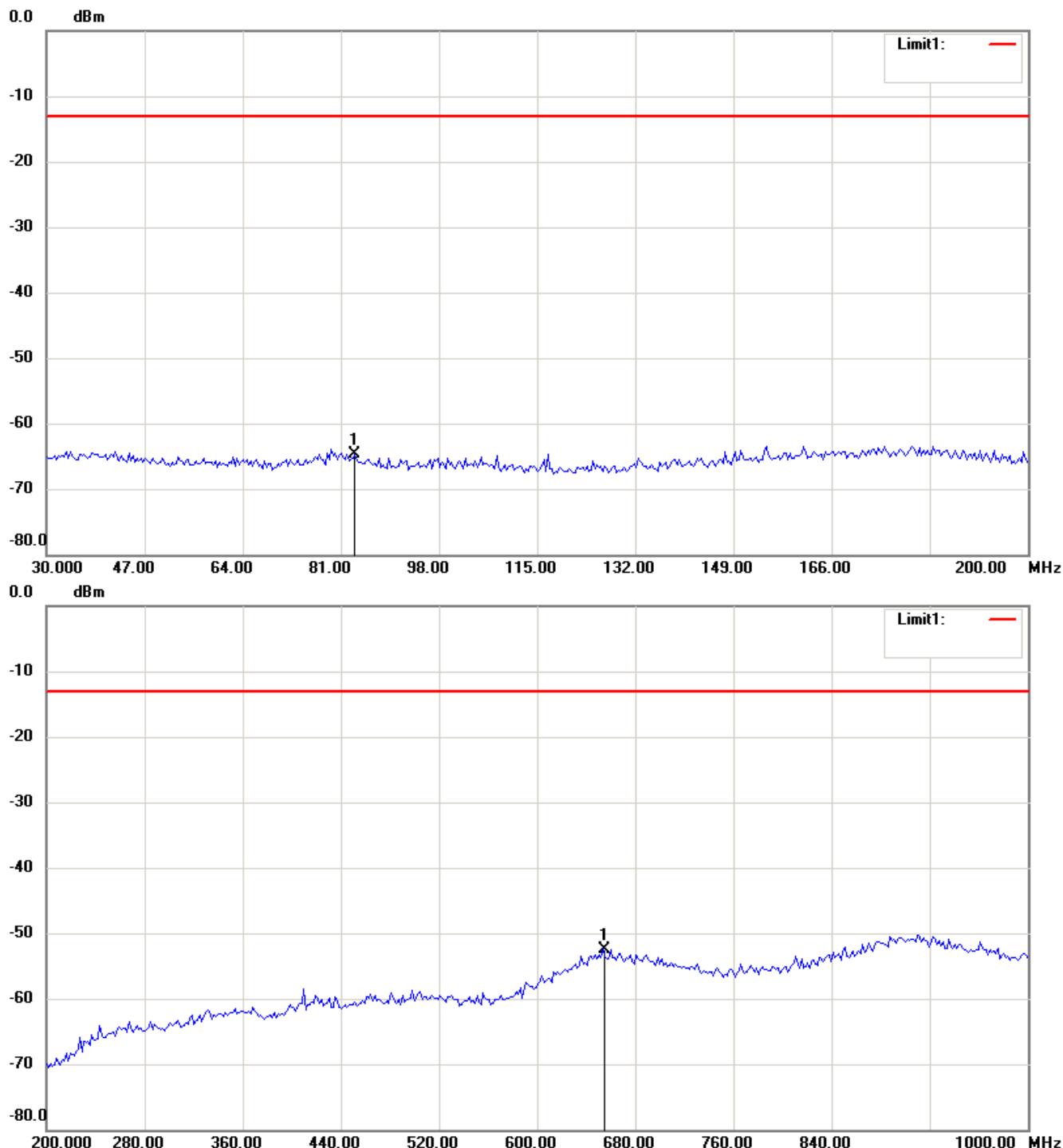
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band II\_CH 9262\_4.07 V

Antenna Polarization H



**Note:**

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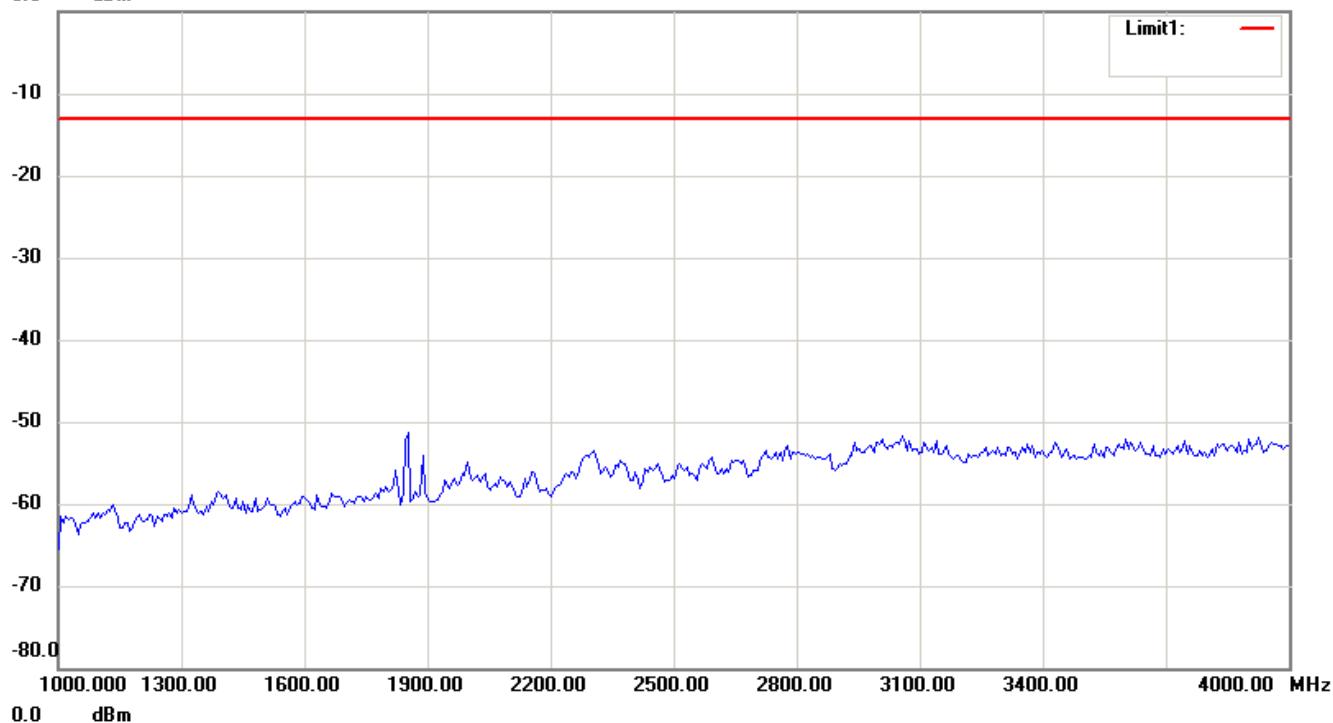


# Worldwide Testing Services(Taiwan) Co., Ltd.

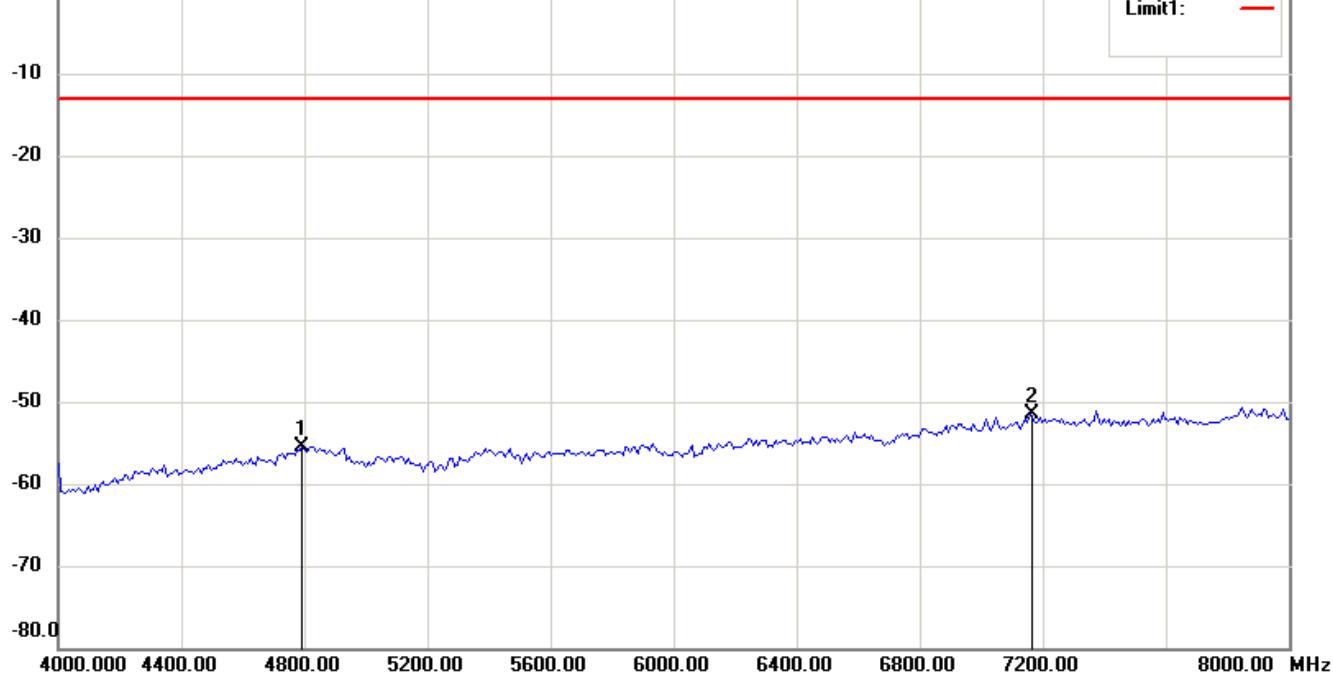
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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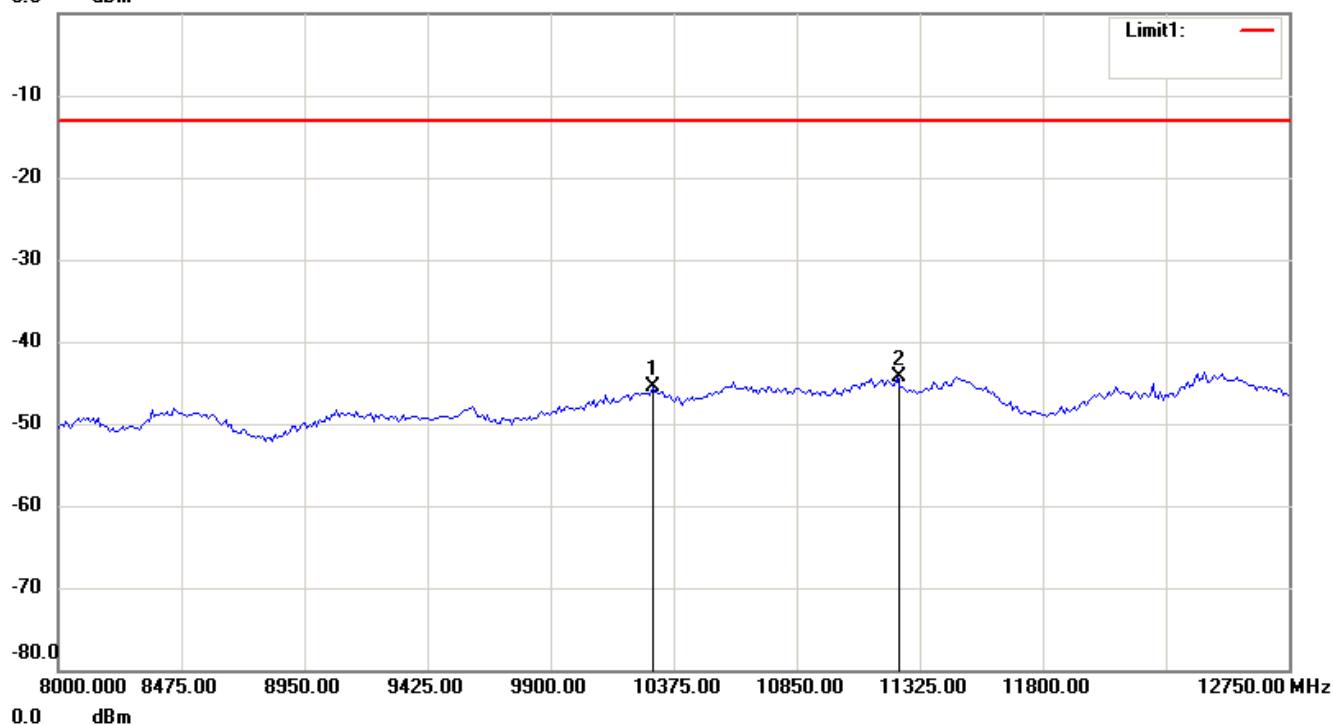


# Worldwide Testing Services(Taiwan) Co., Ltd.

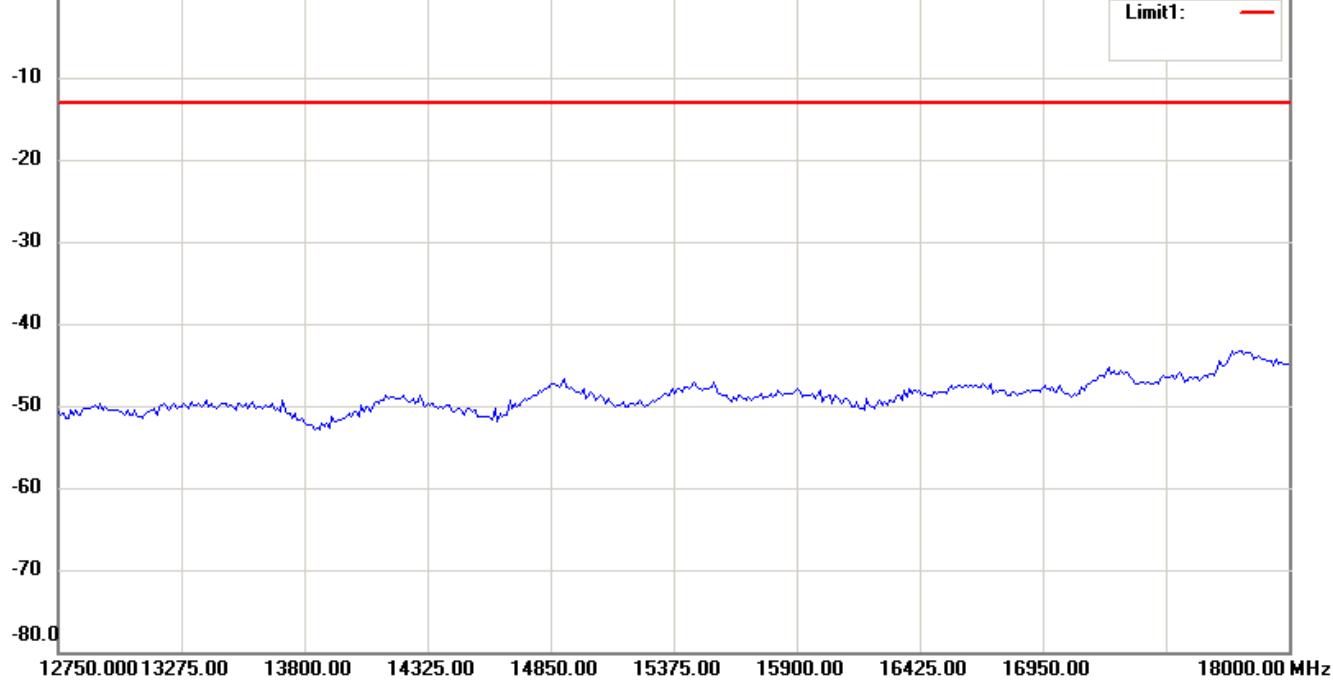
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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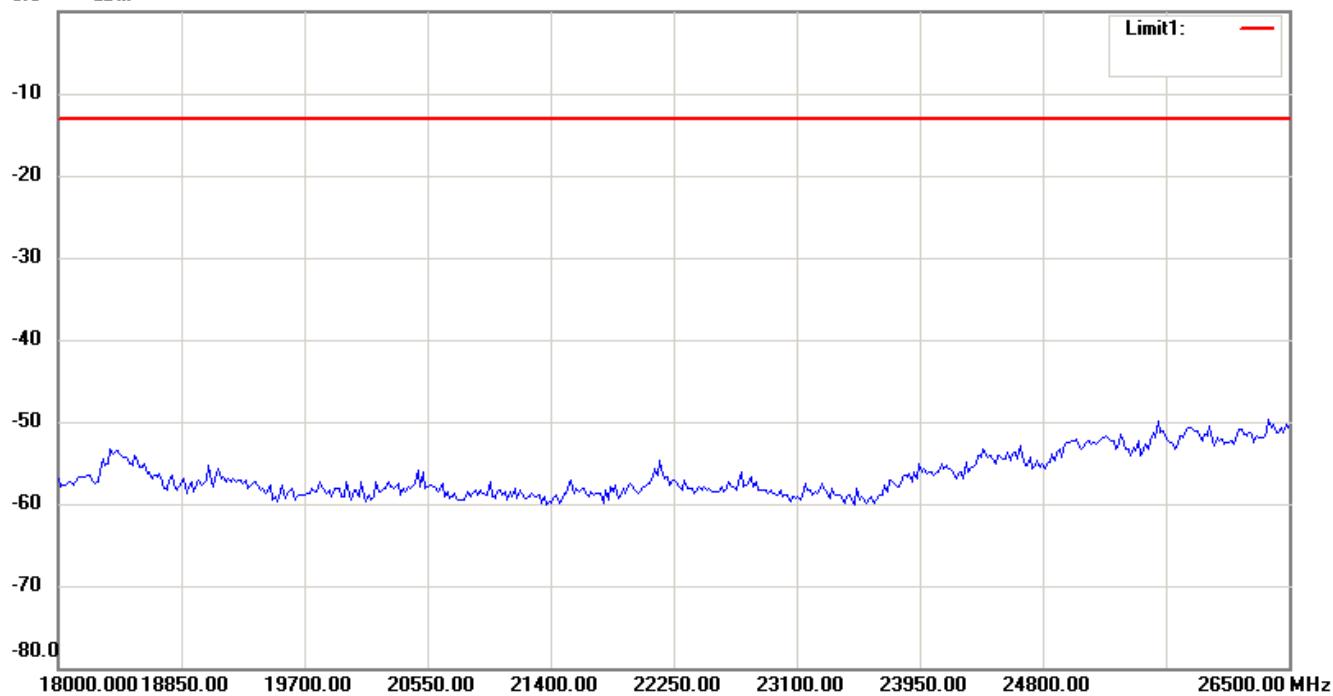


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

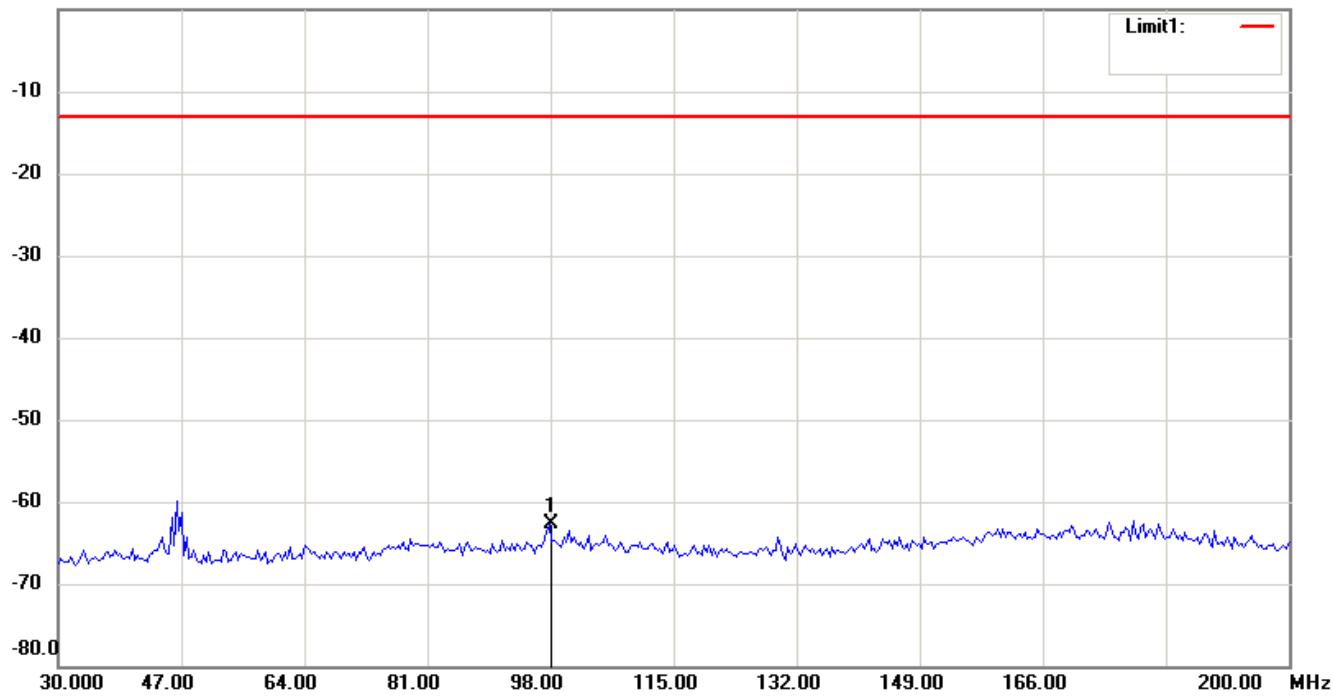
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



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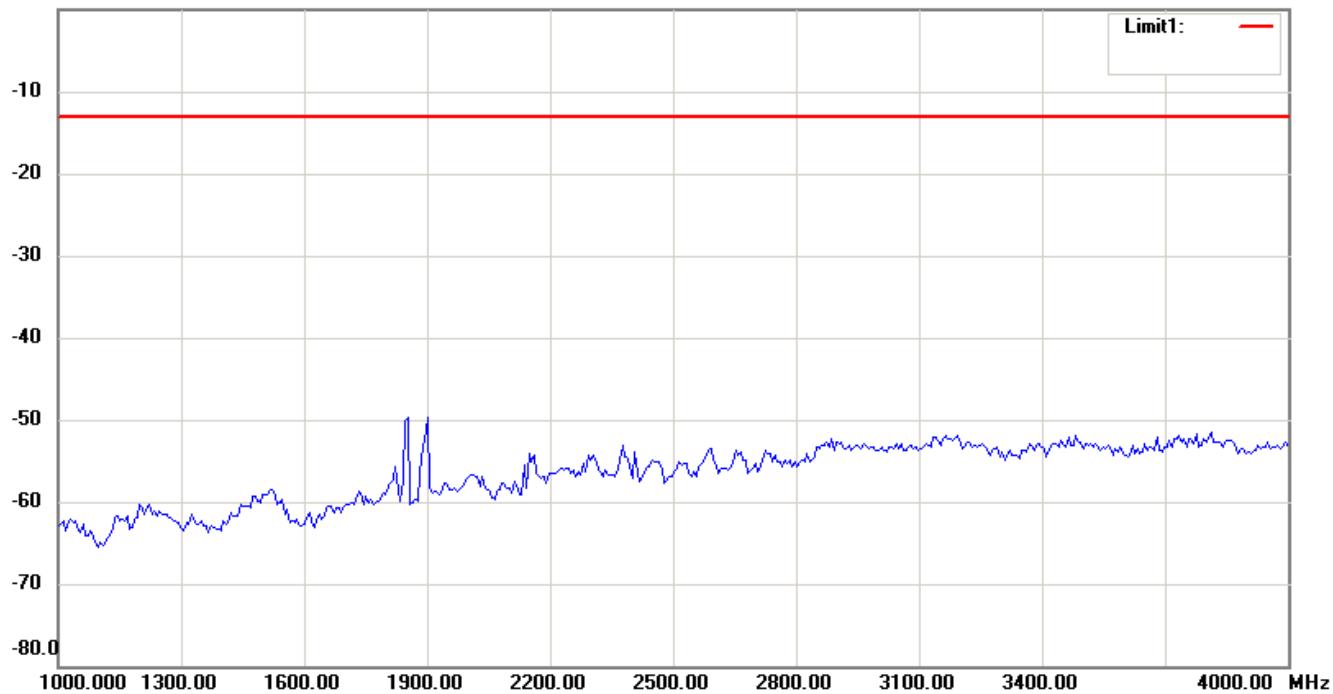
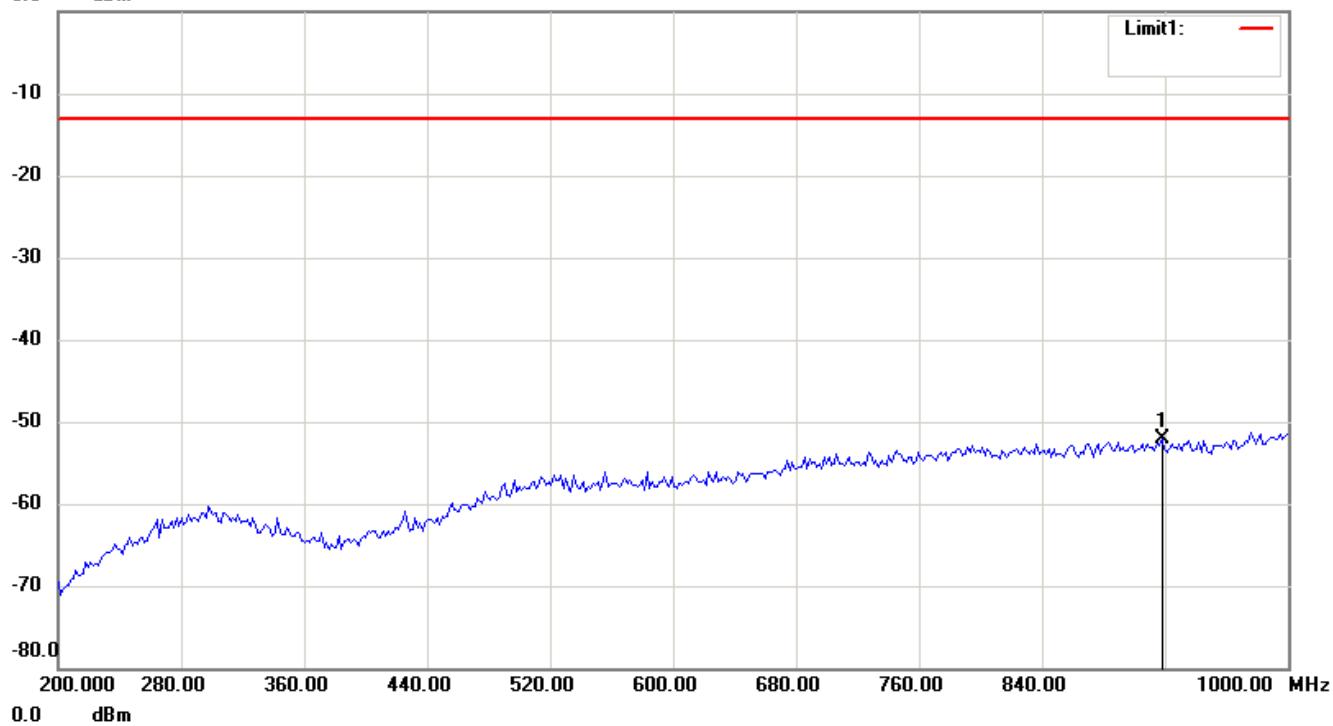


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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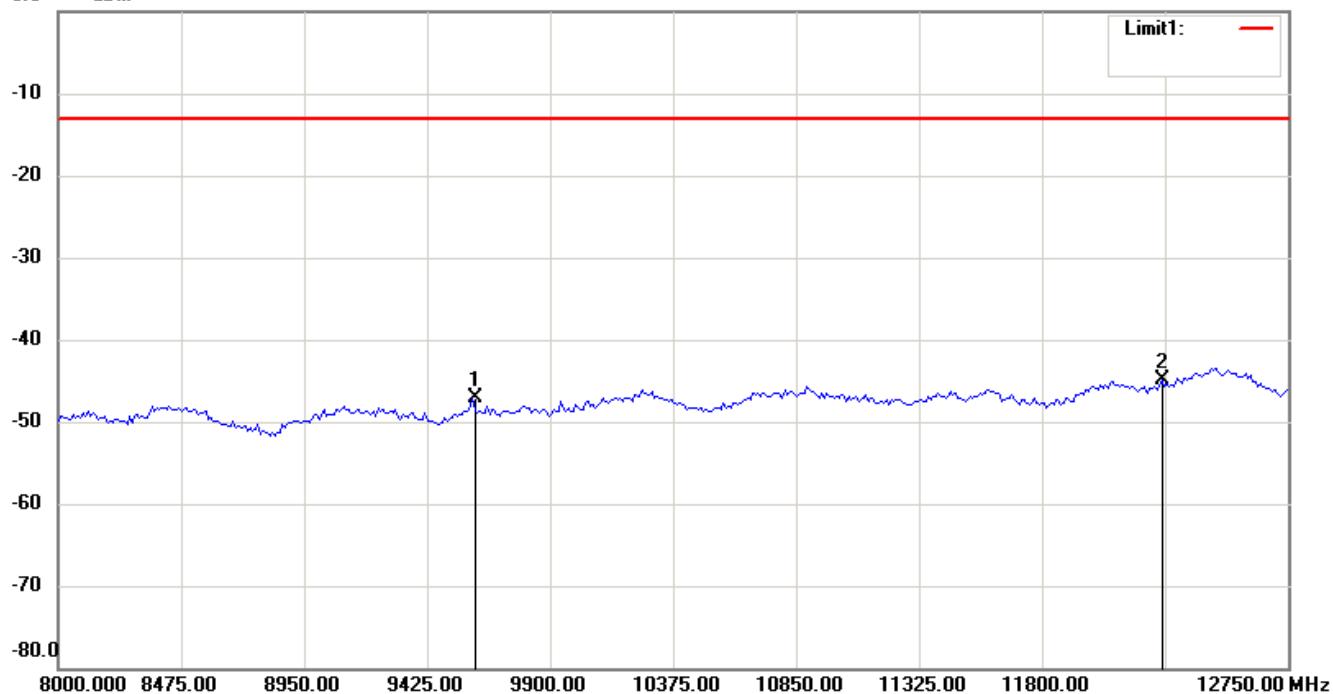
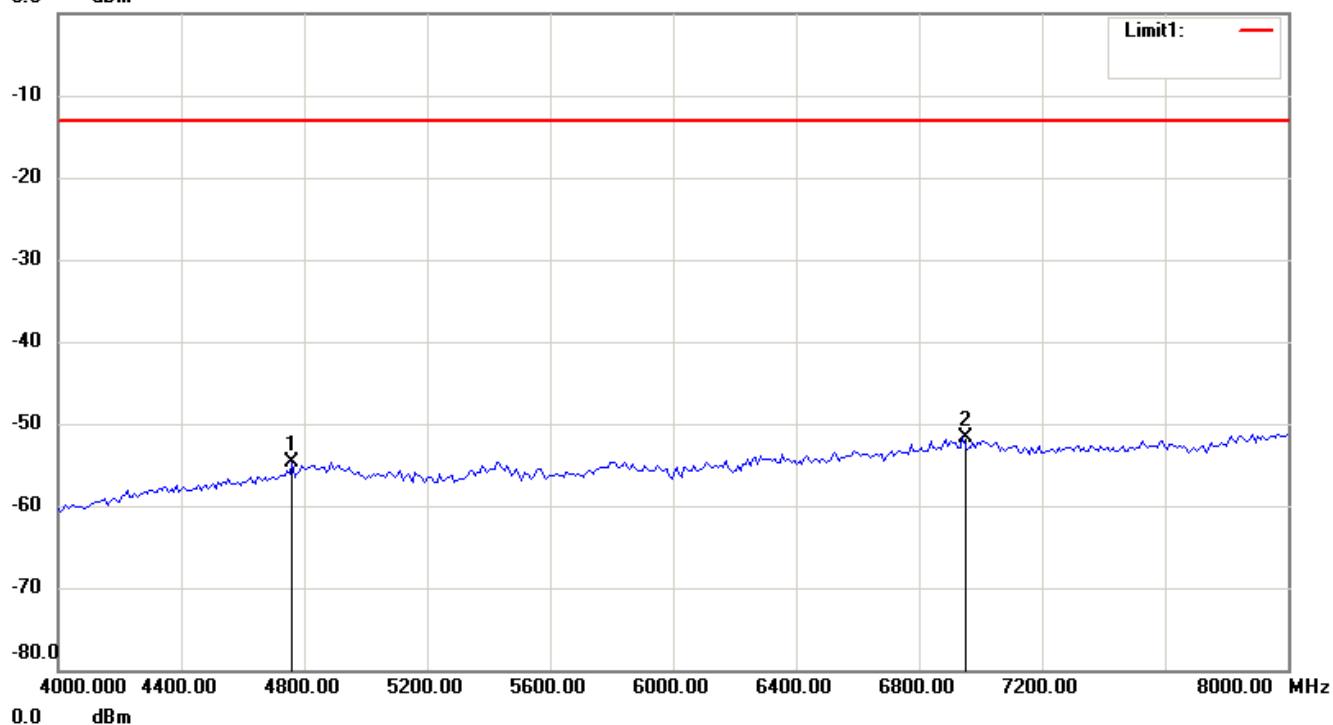


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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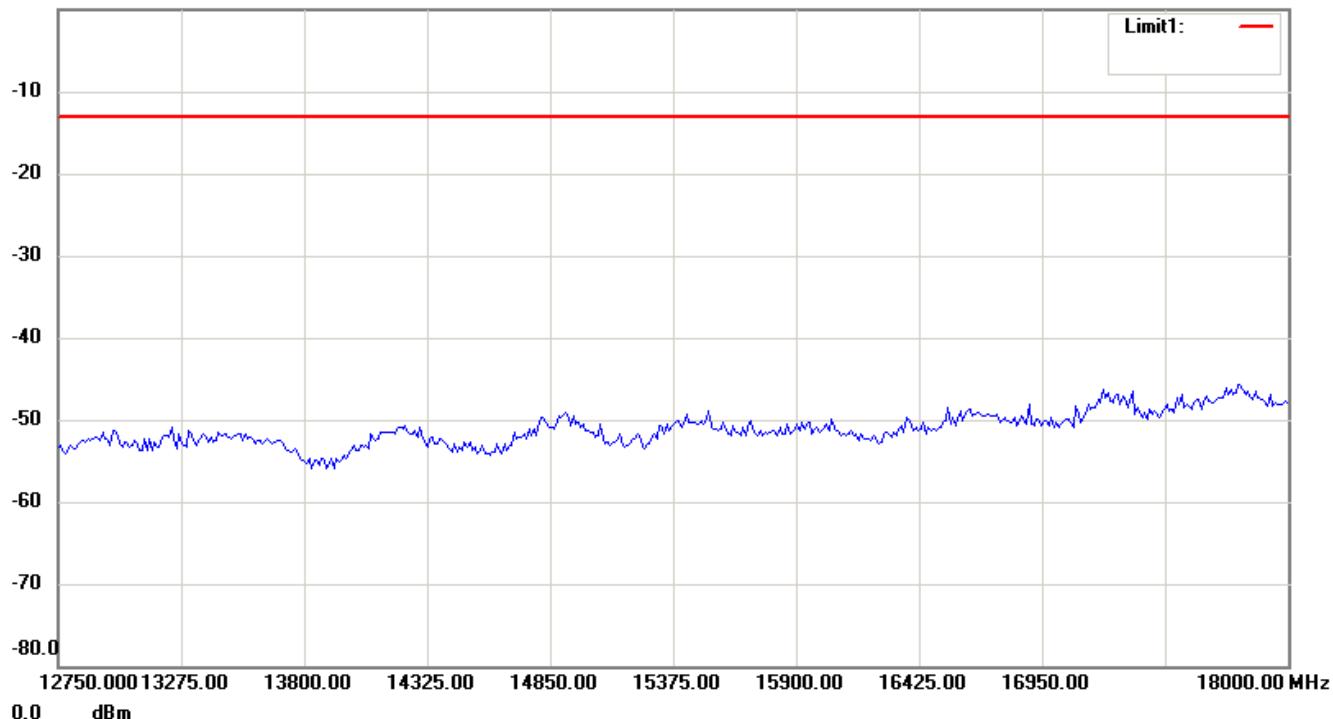


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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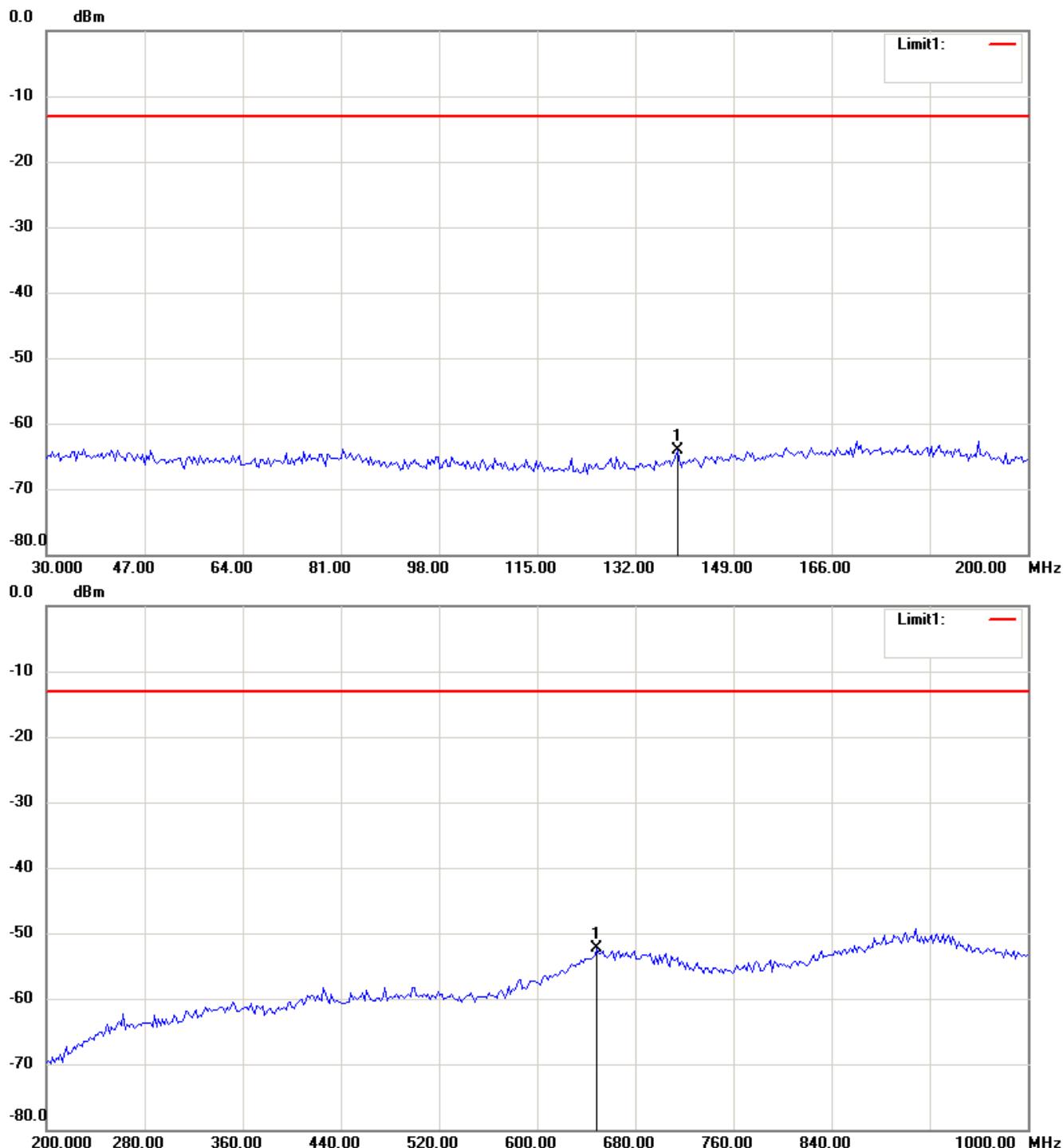
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band II\_CH 9400\_3.5 V

Antenna Polarization H



**Note:**

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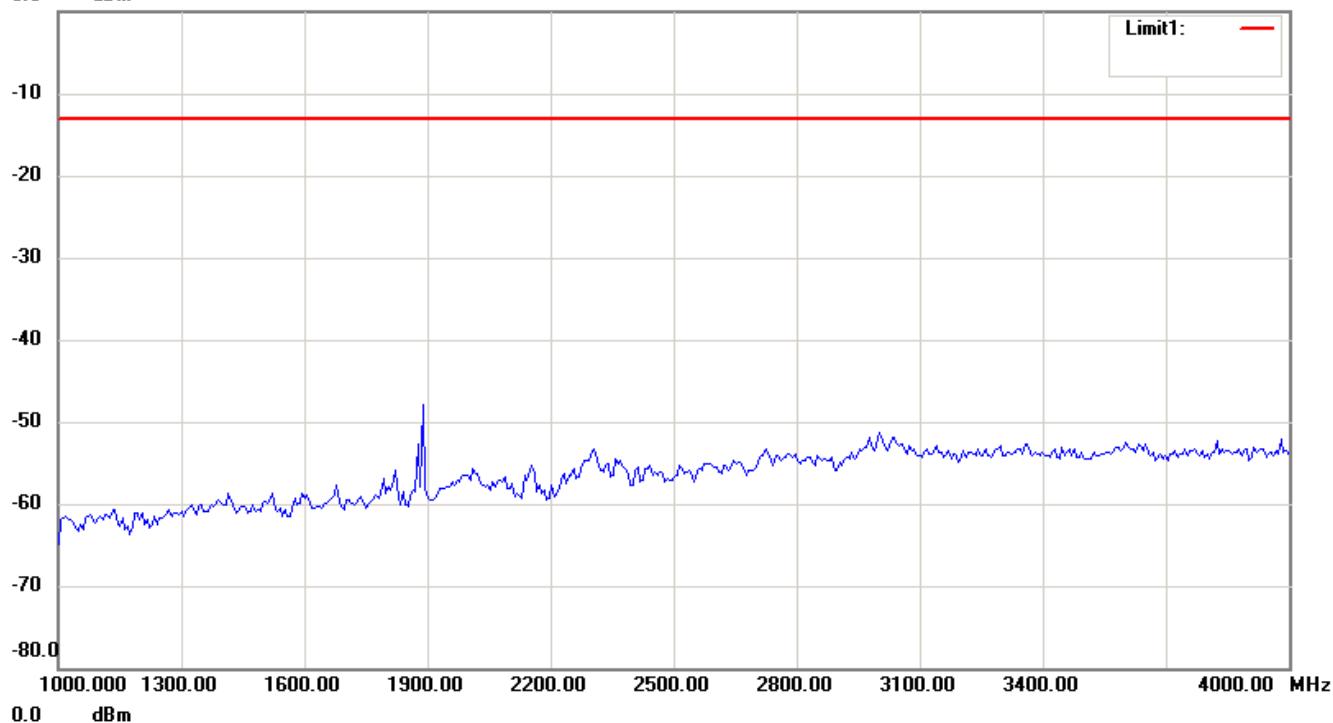


# Worldwide Testing Services(Taiwan) Co., Ltd.

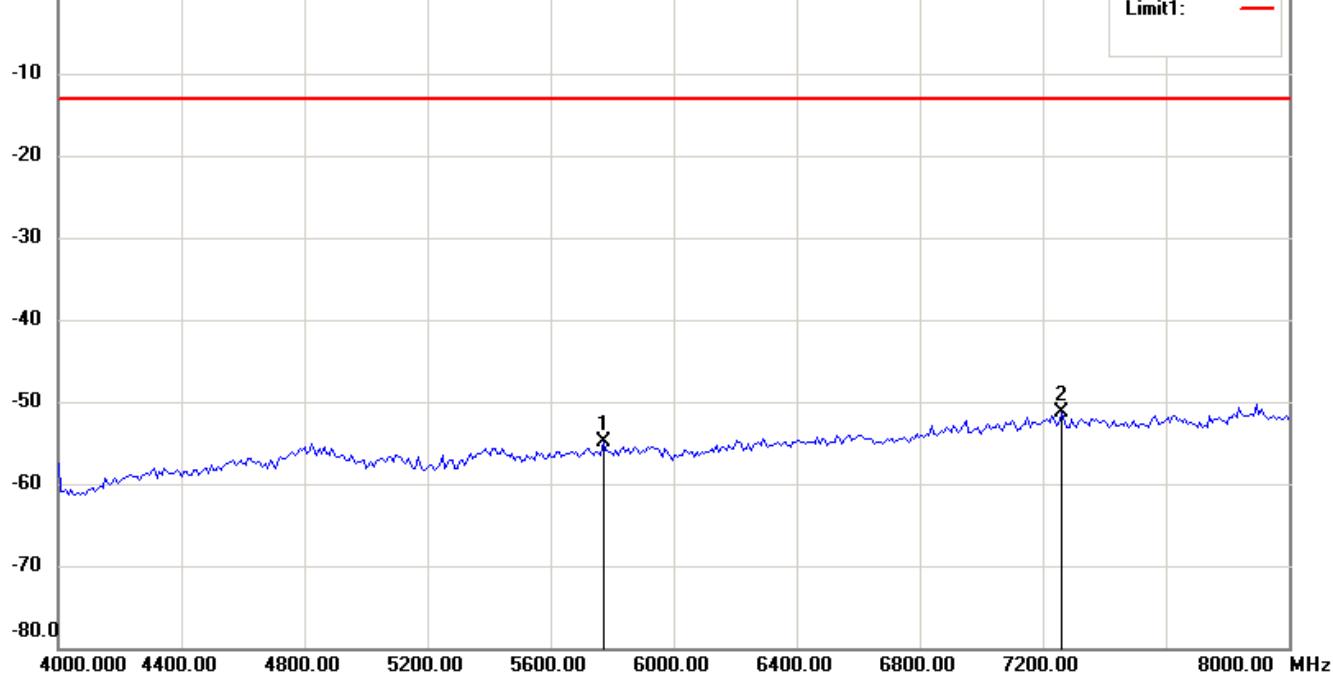
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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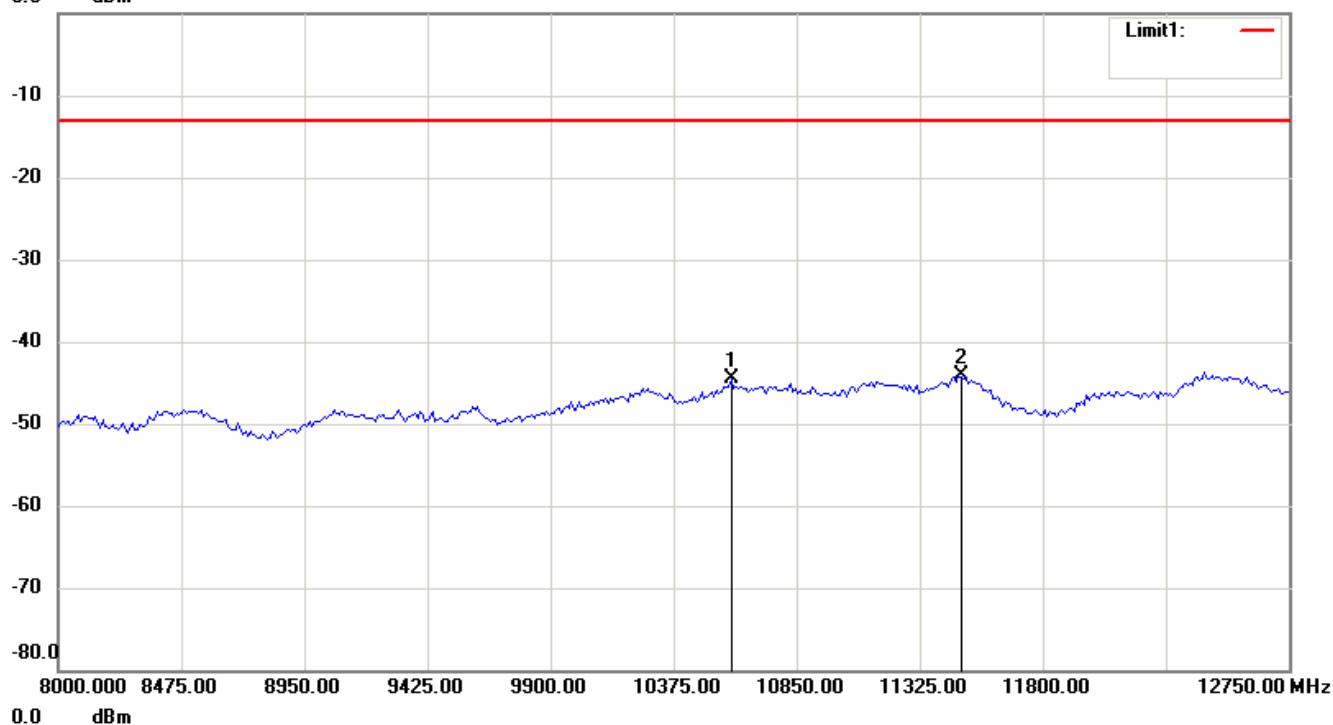


# Worldwide Testing Services(Taiwan) Co., Ltd.

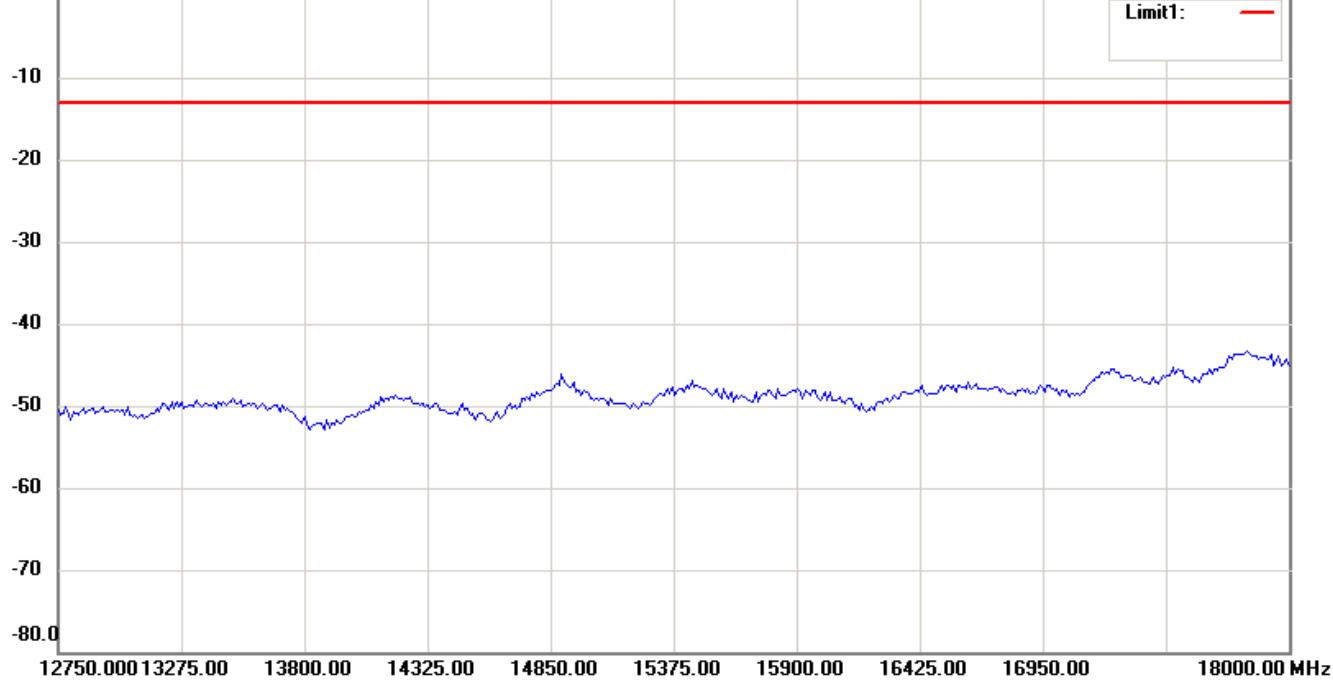
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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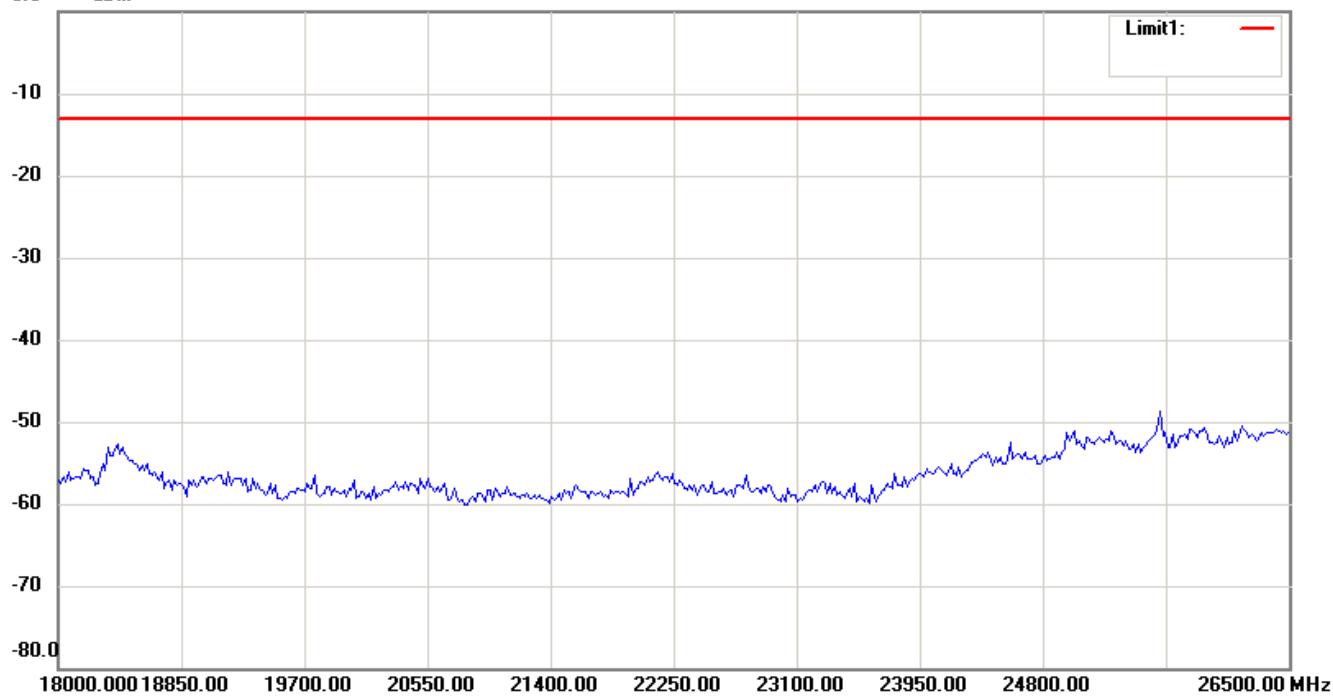


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

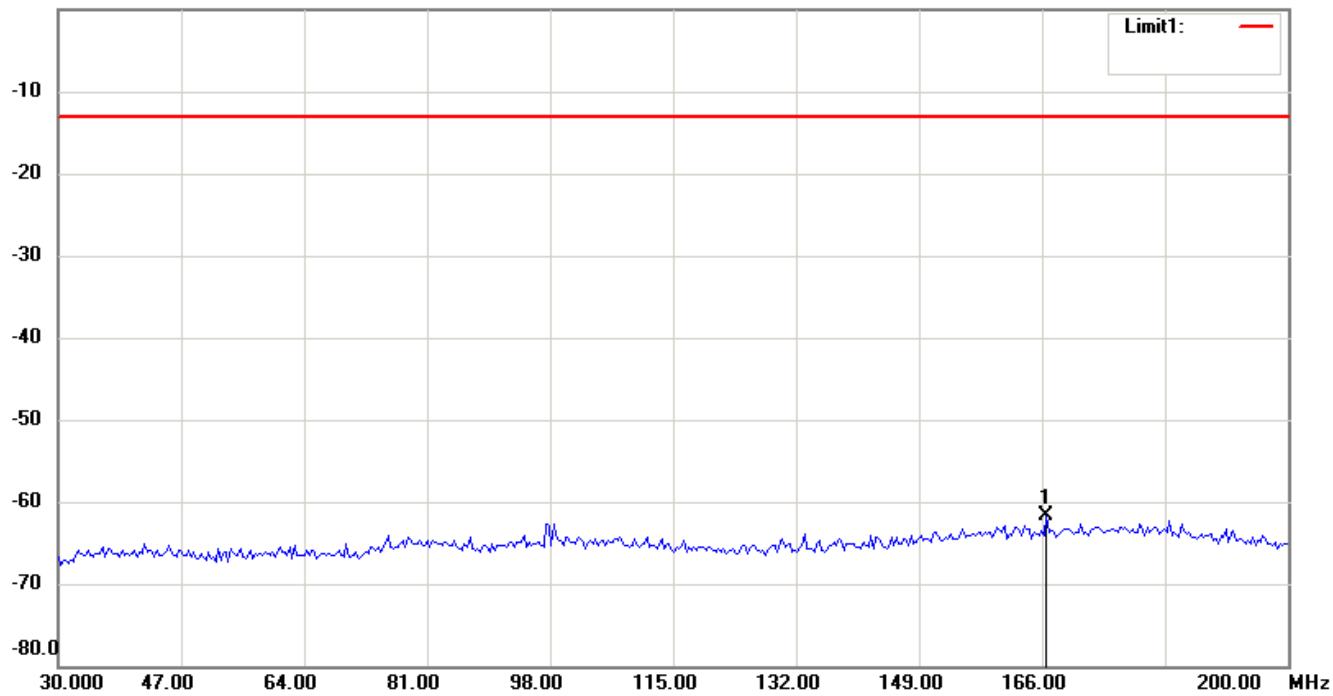
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



**Note:**

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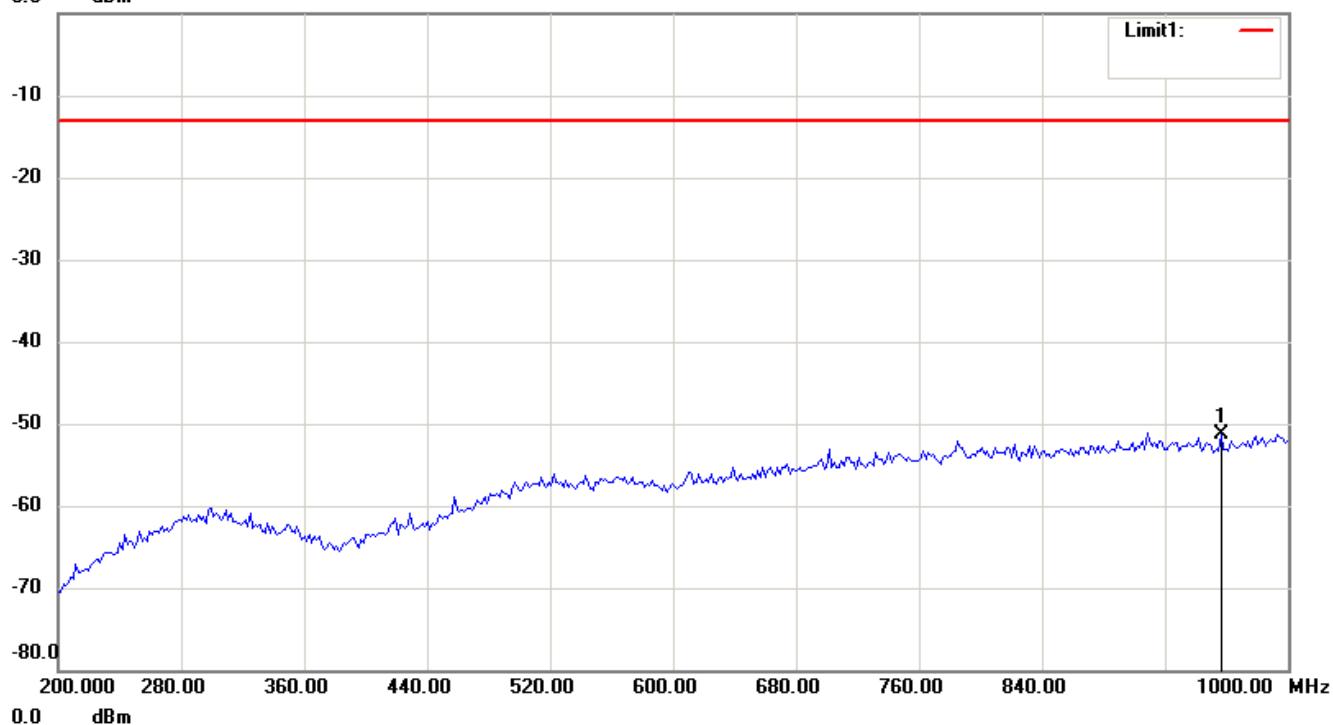


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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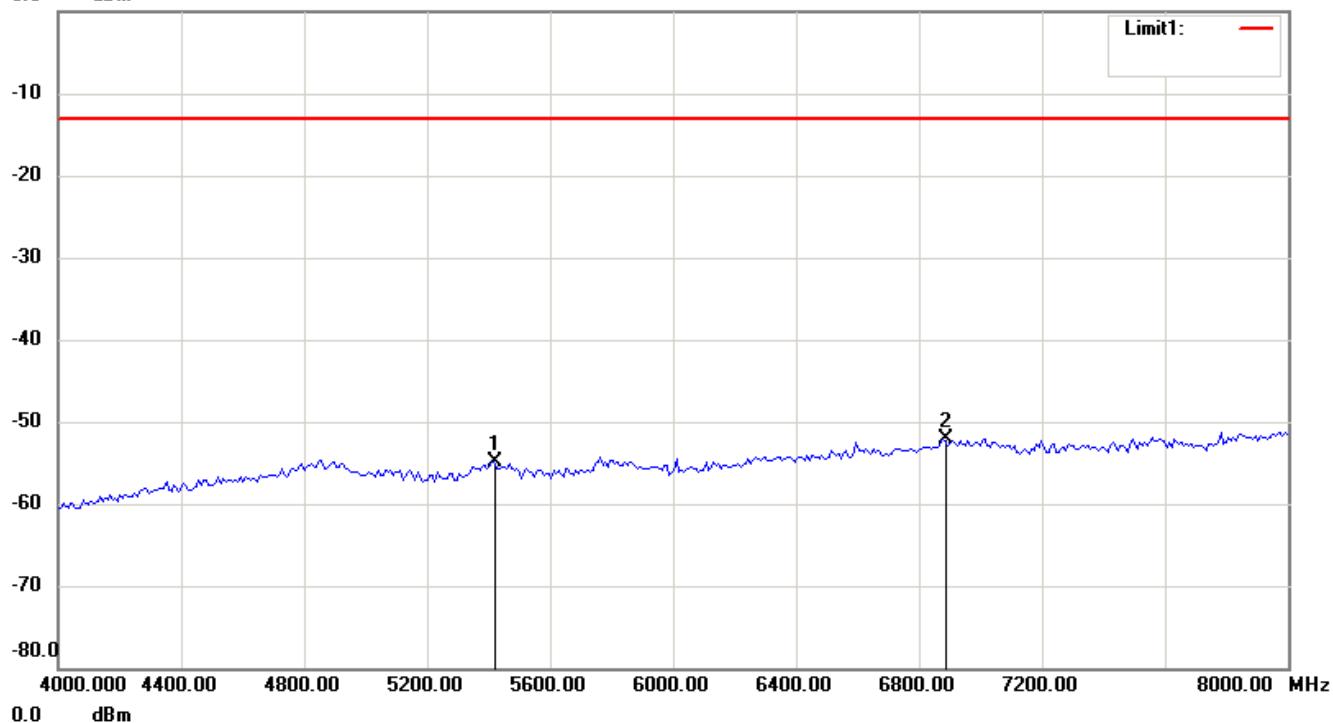


# Worldwide Testing Services(Taiwan) Co., Ltd.

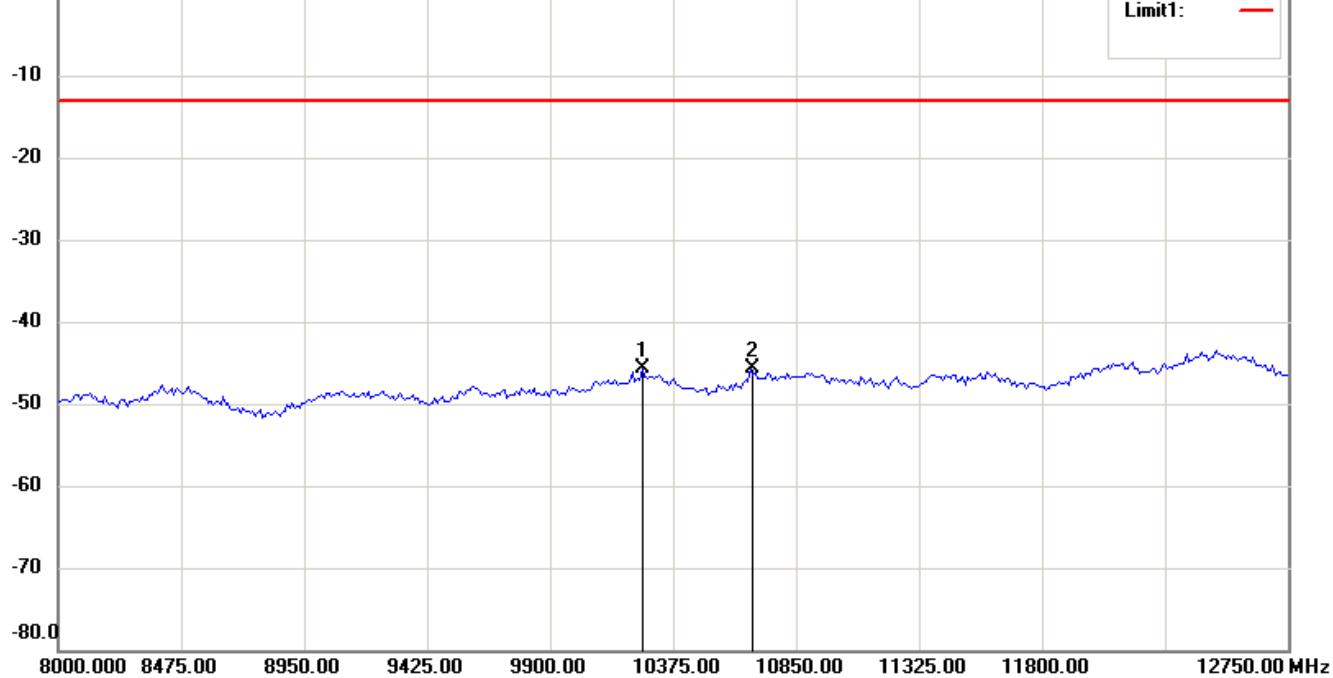
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm

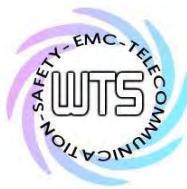


0.0 dBm



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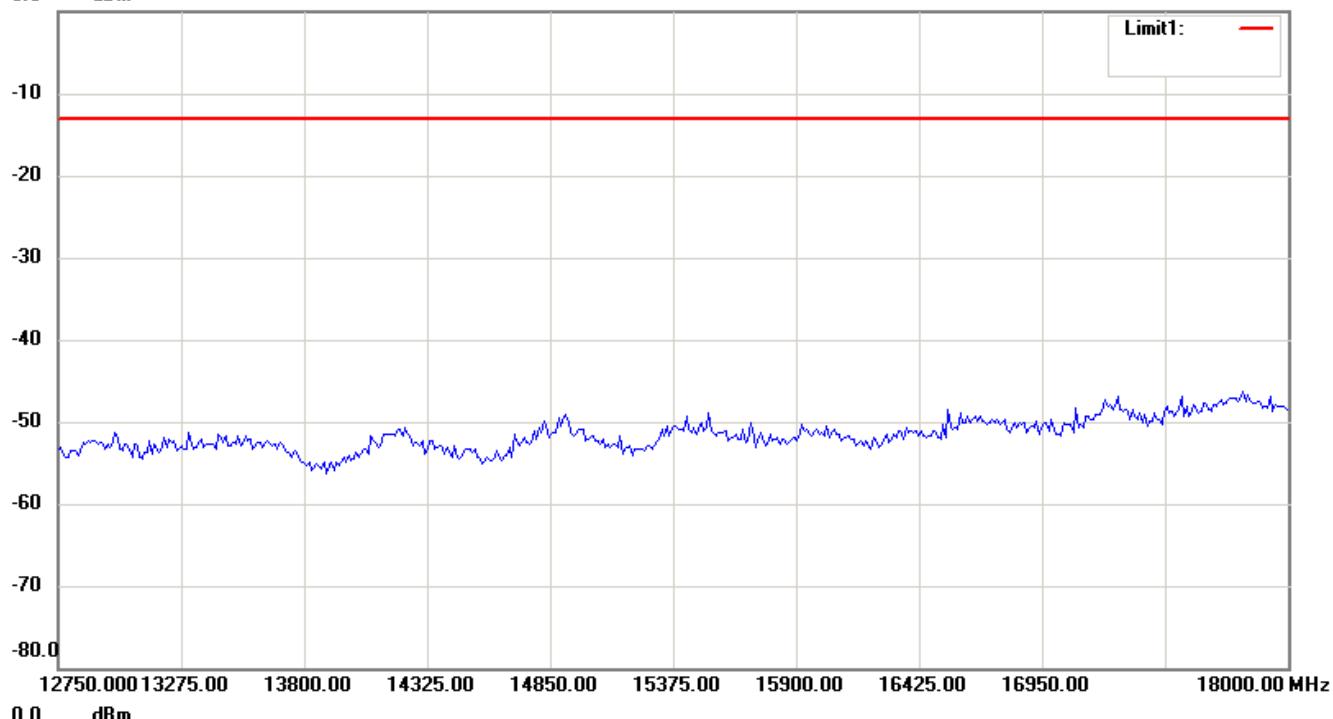


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



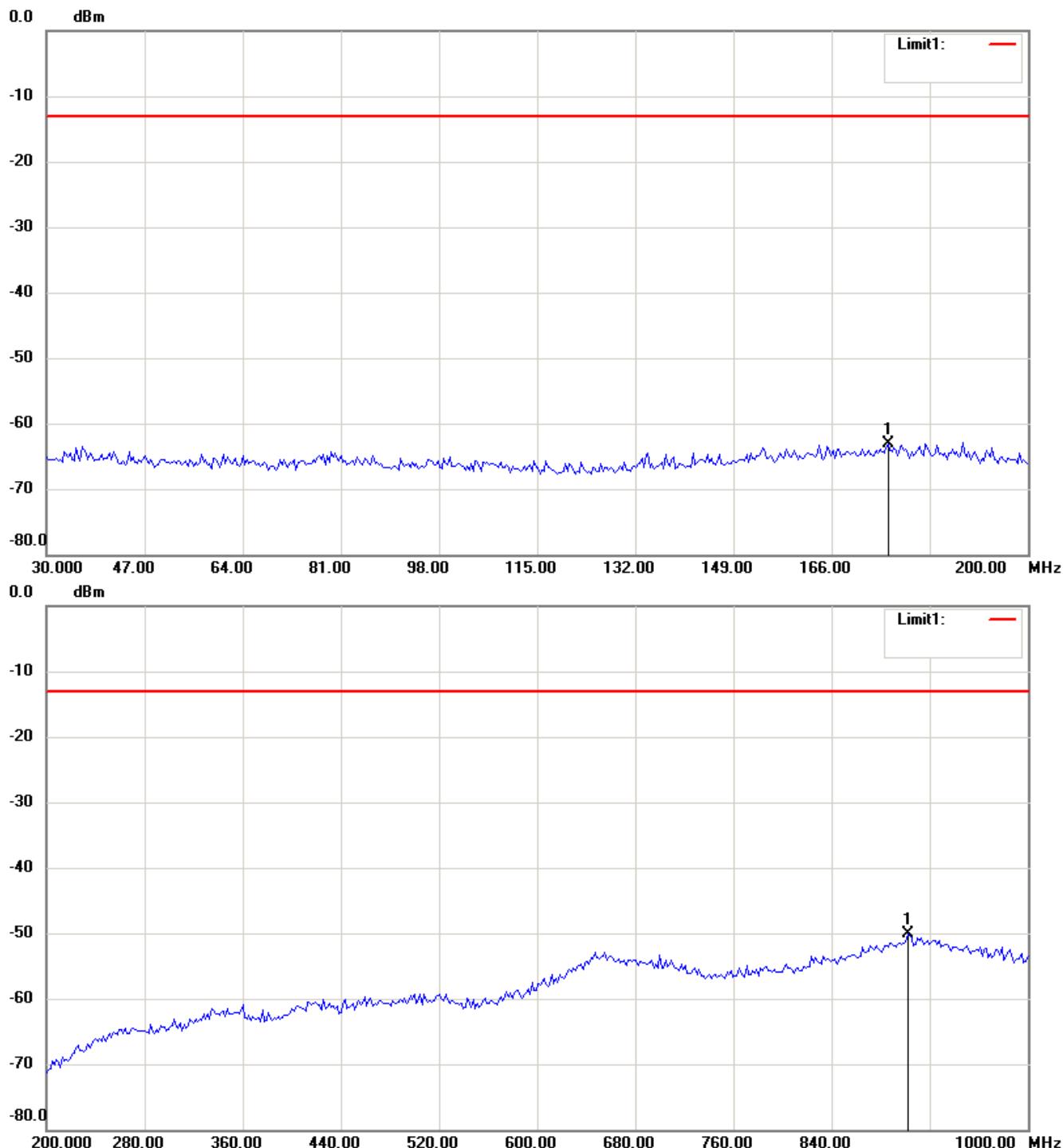
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band II\_CH 9400\_4.07V

Antenna Polarization H



**Note:**

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3. For corrected test results are listed in the relevant table of radiated test data of this test report.

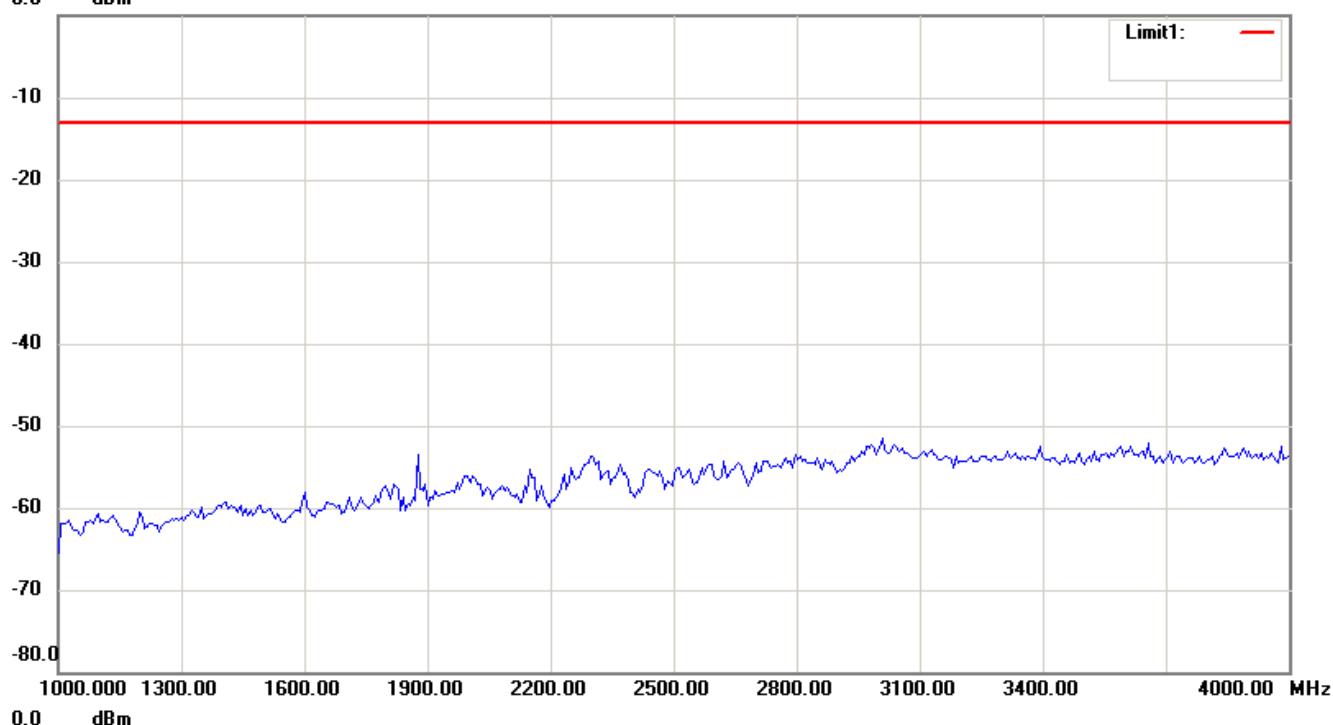


# Worldwide Testing Services(Taiwan) Co., Ltd.

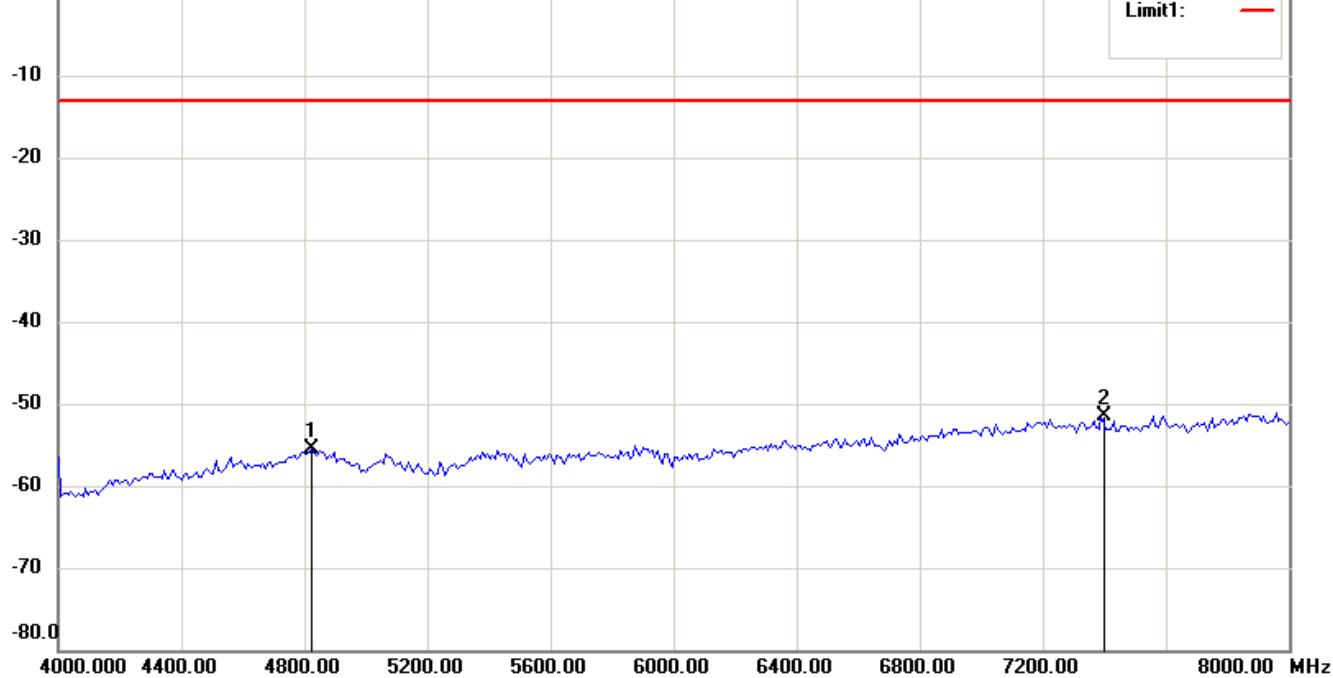
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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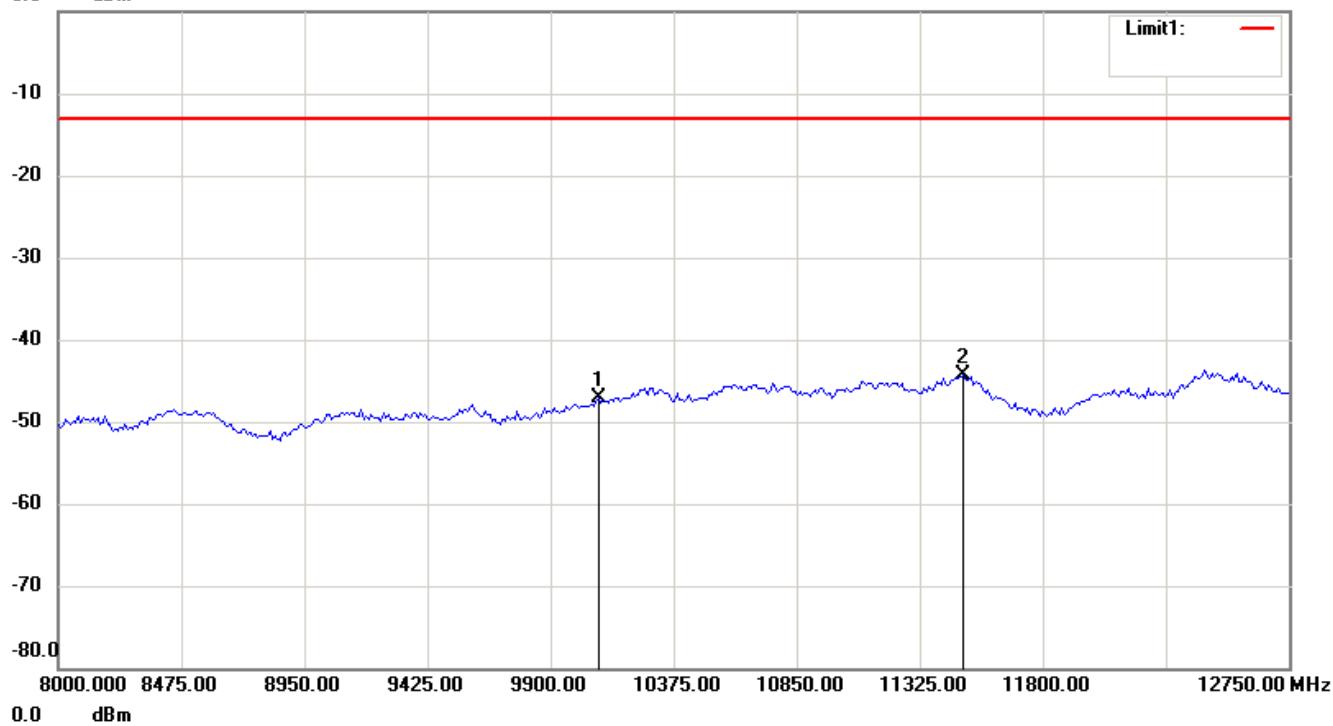


# Worldwide Testing Services(Taiwan) Co., Ltd.

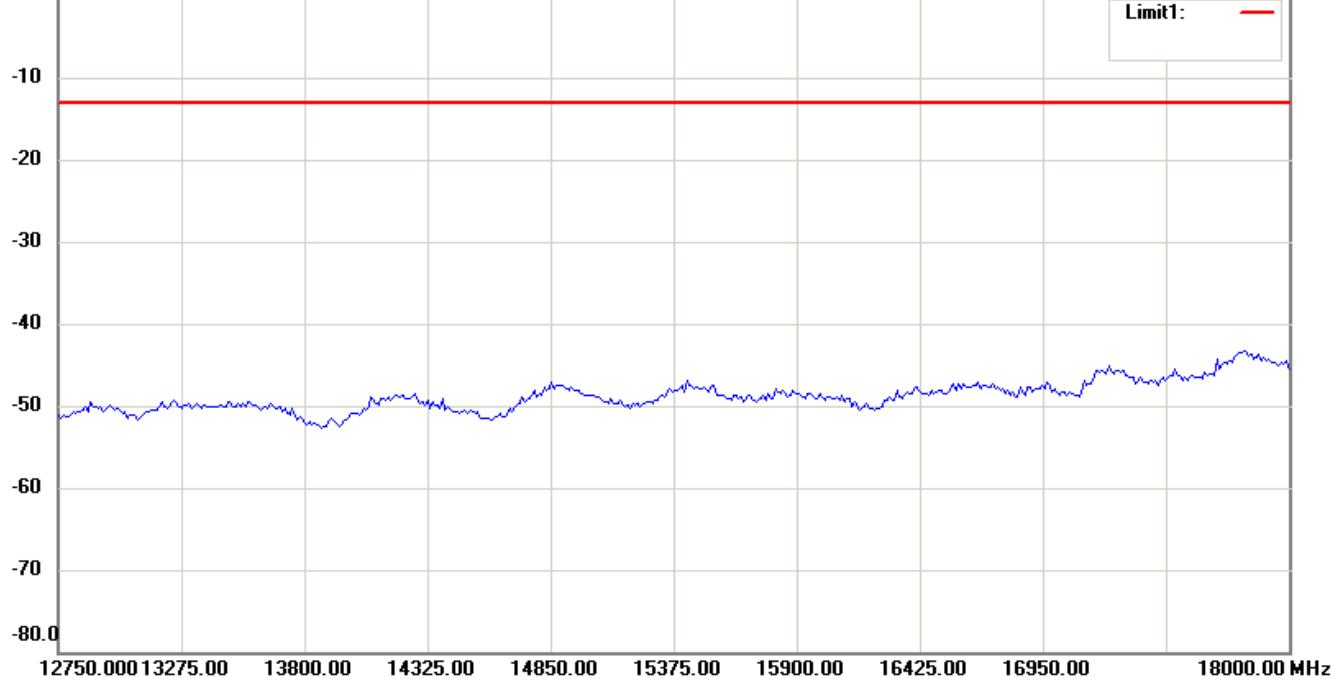
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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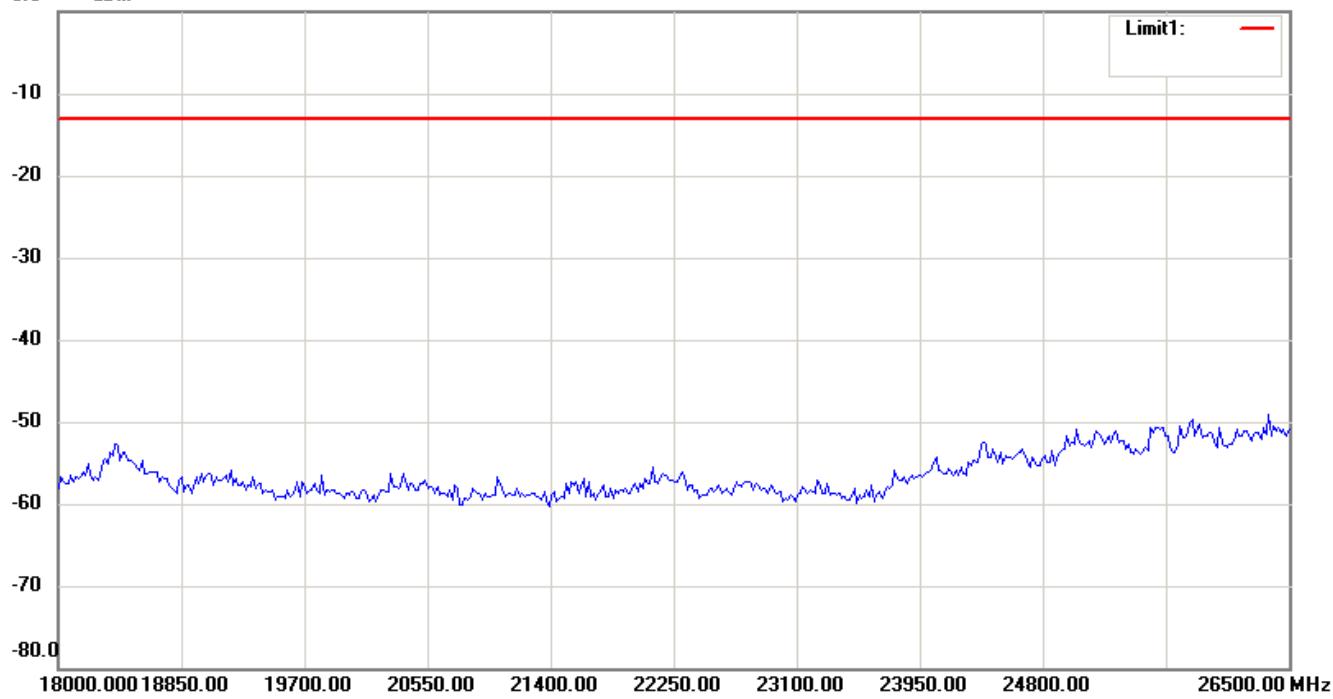


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

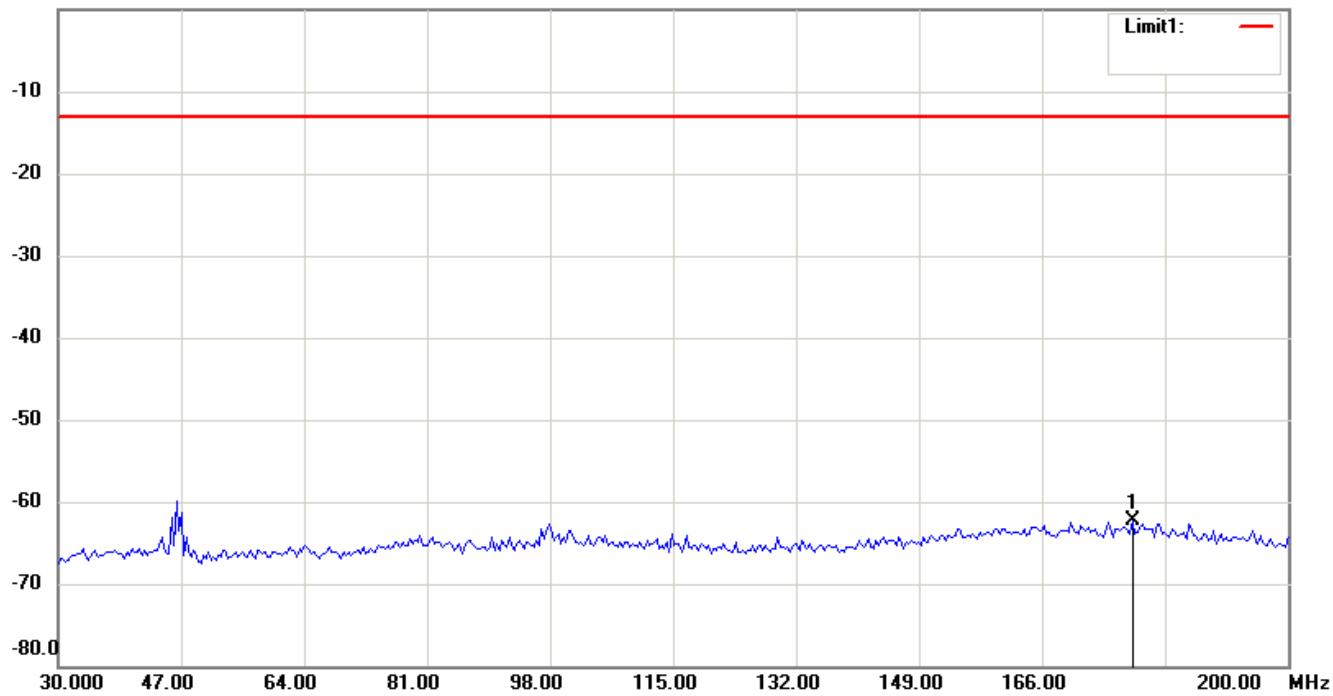
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



**Note:**

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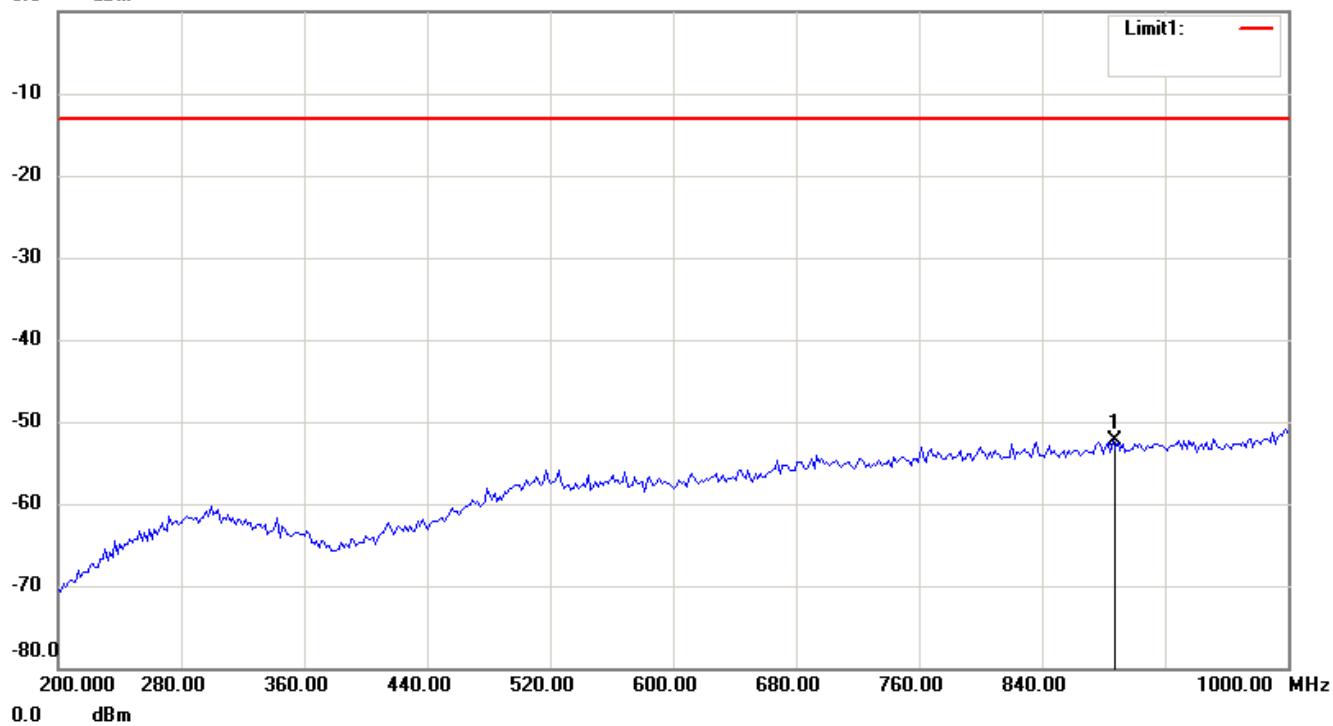


# Worldwide Testing Services(Taiwan) Co., Ltd.

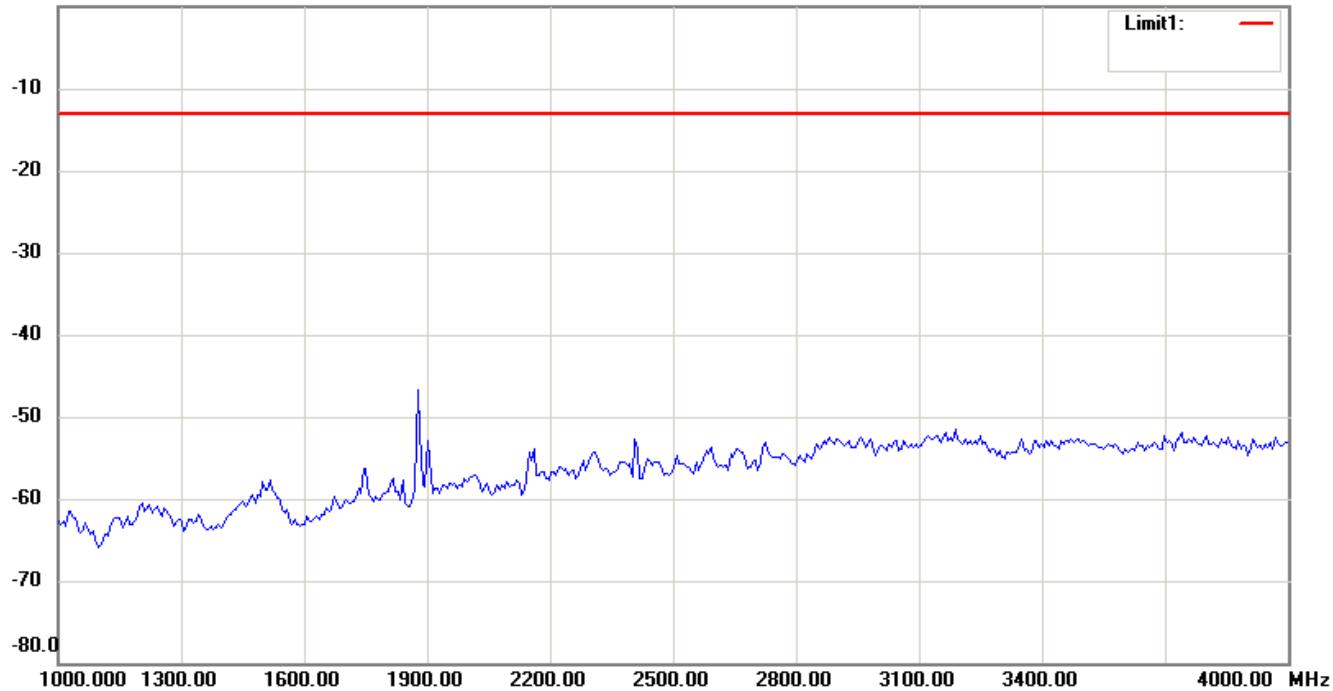
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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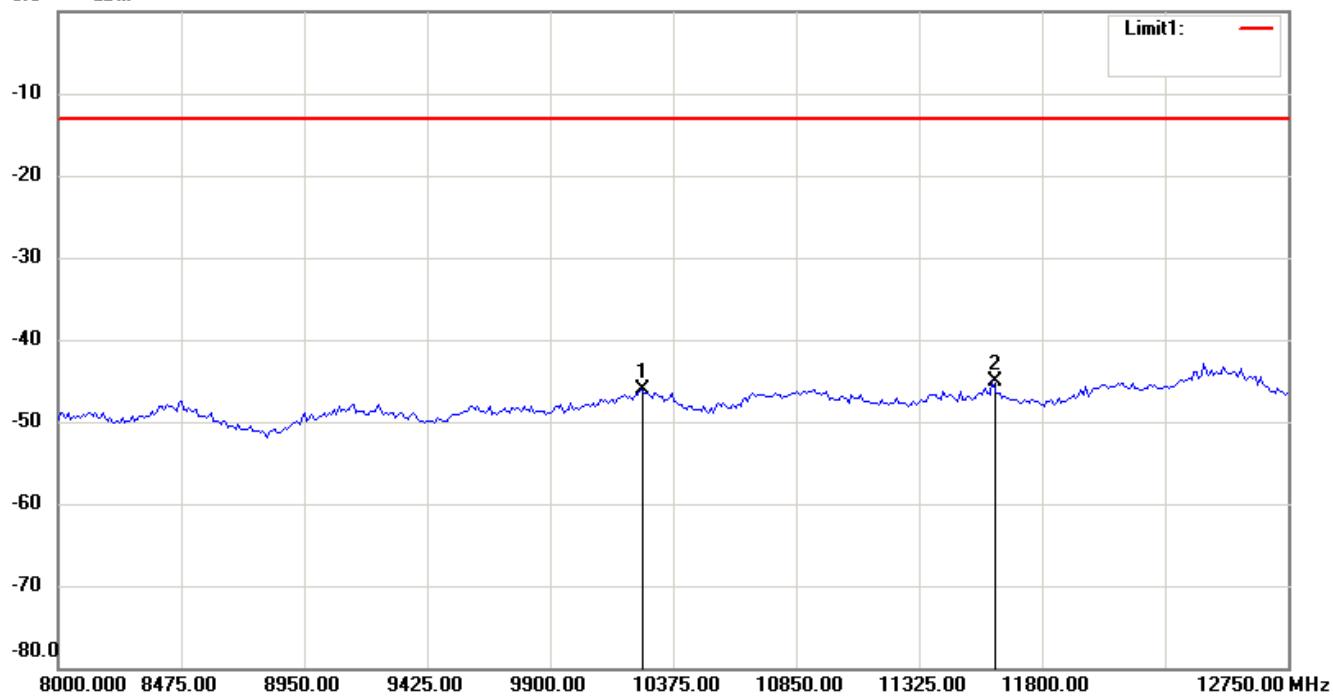
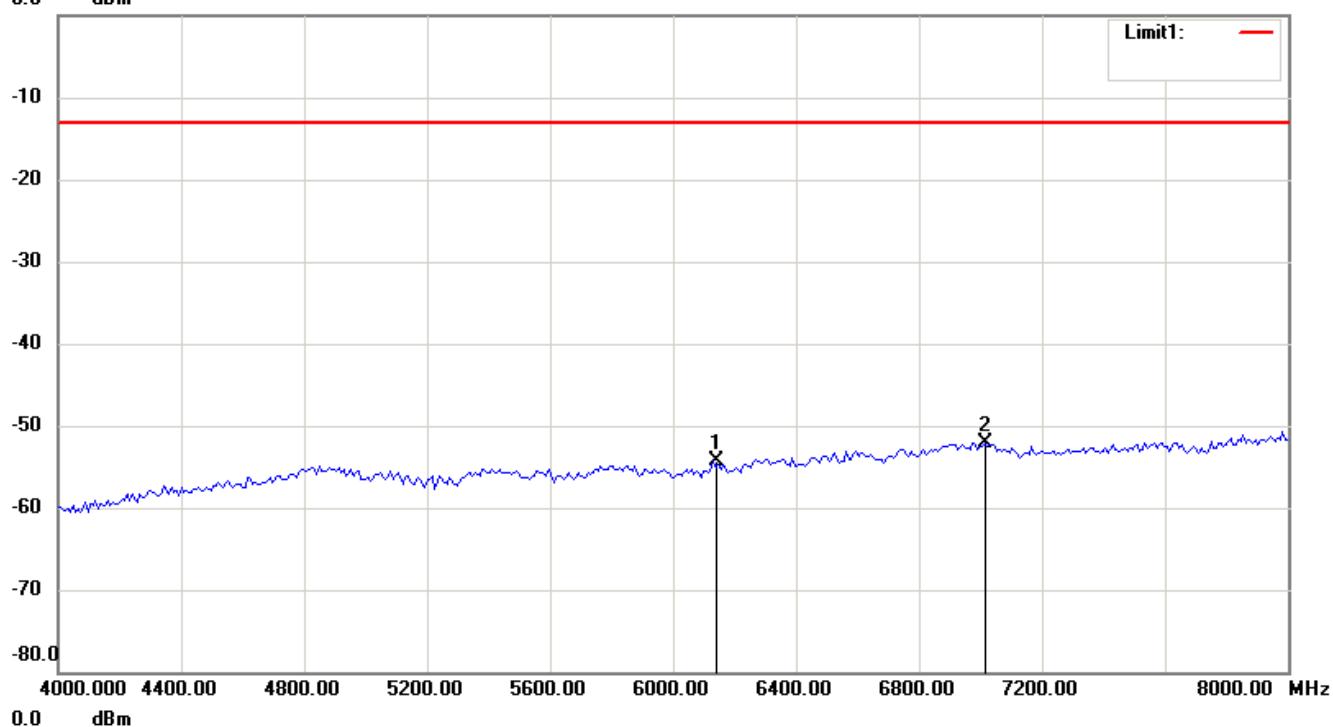


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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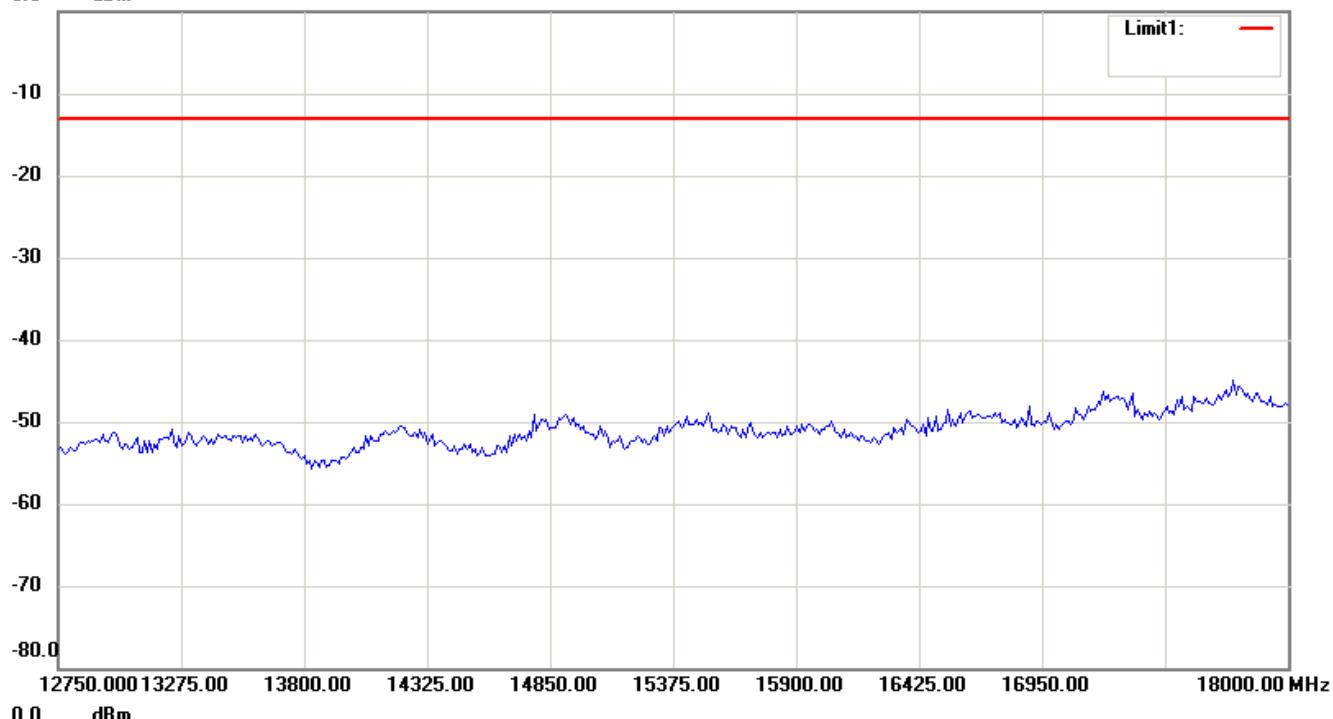


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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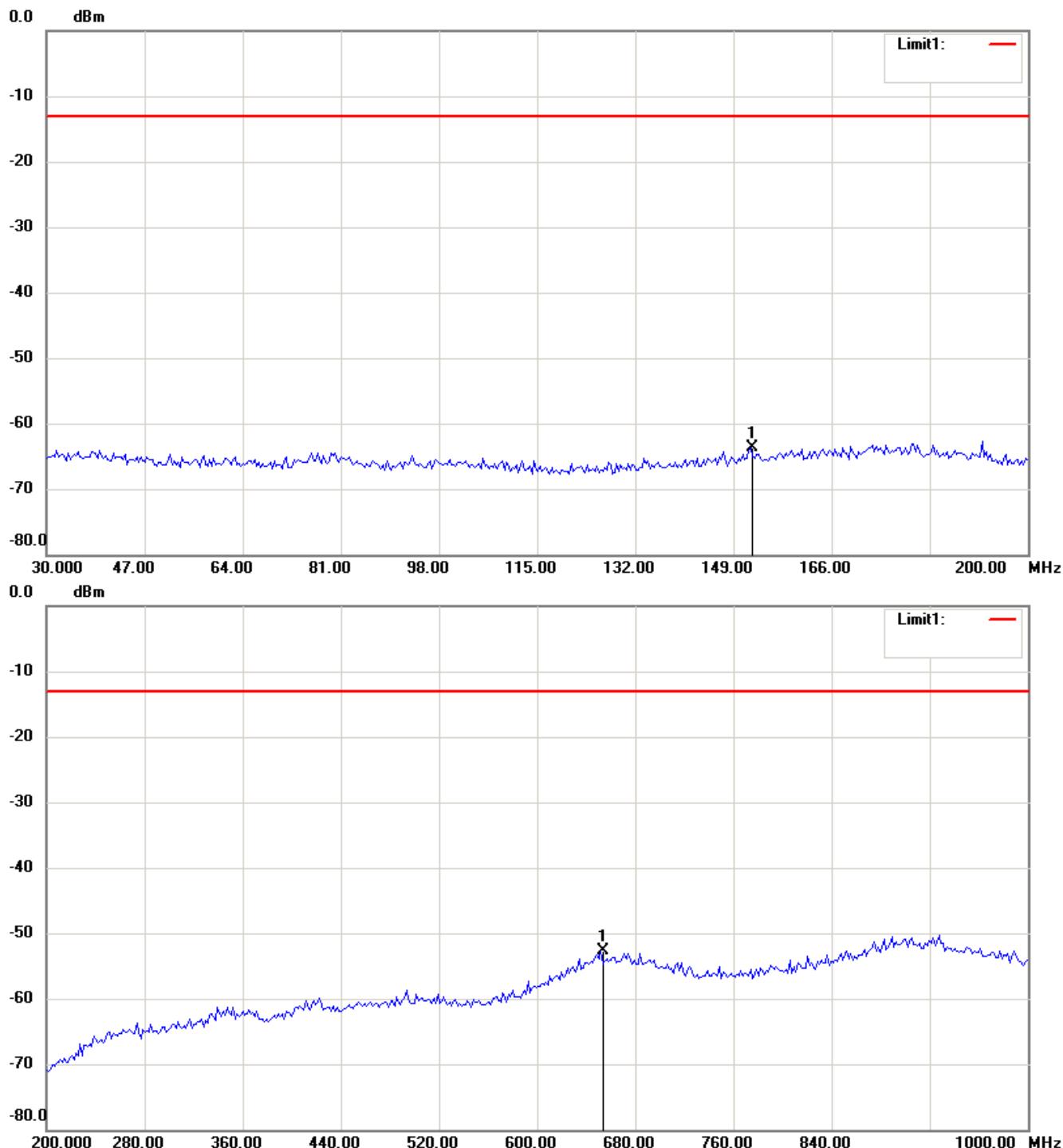
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band II\_CH 9538\_3.5 V

Antenna Polarization H



**Note:**

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3. For corrected test results are listed in the relevant table of radiated test data of this test report.

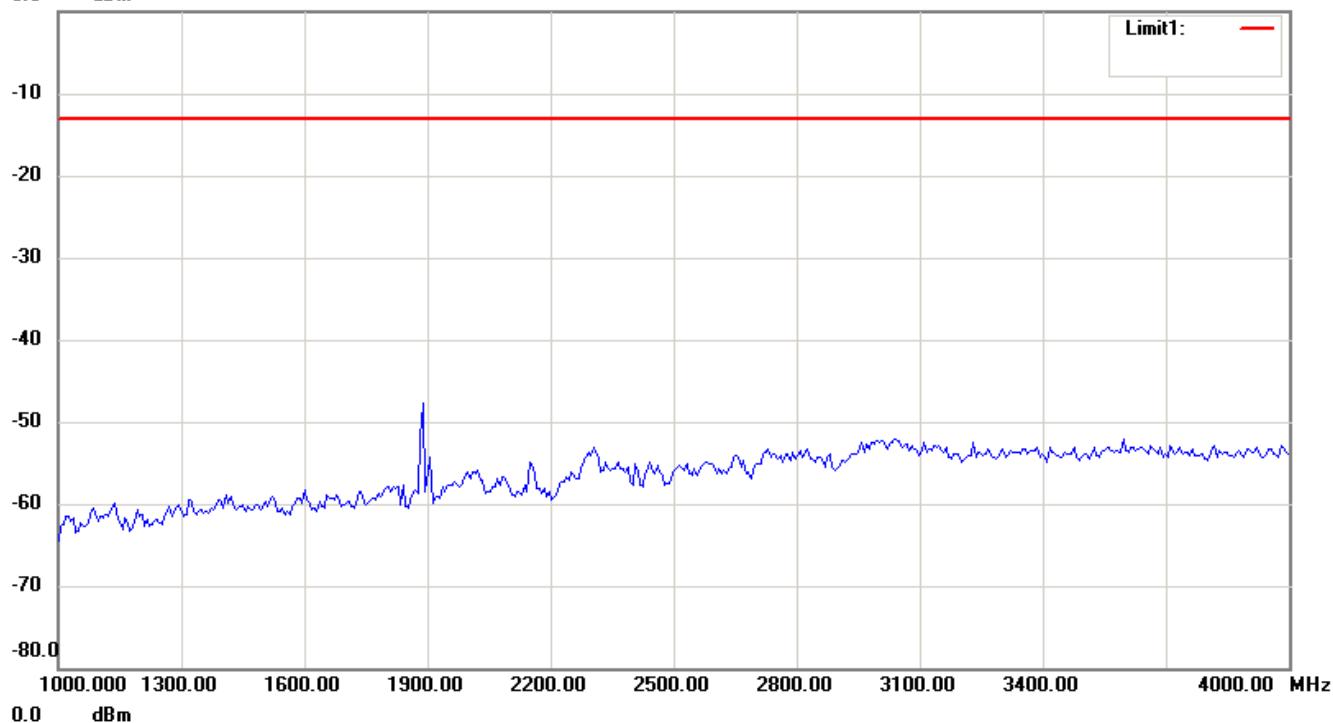


# Worldwide Testing Services(Taiwan) Co., Ltd.

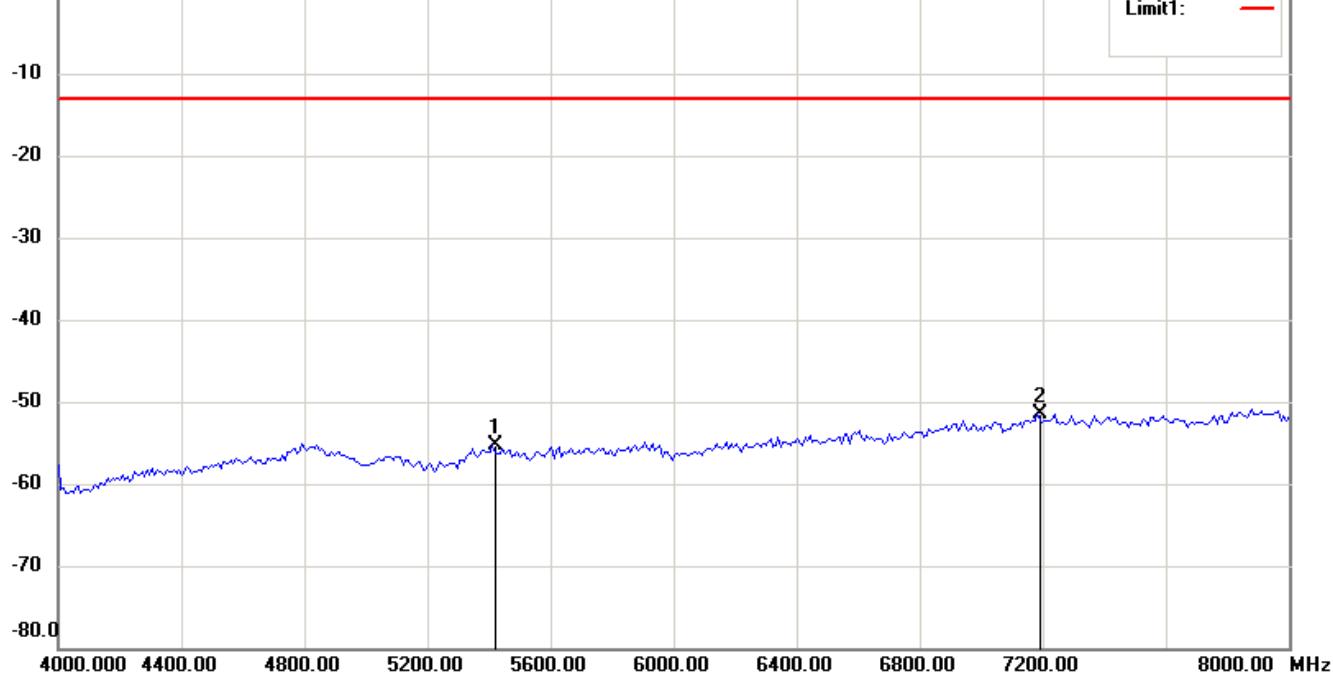
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



**Note:**

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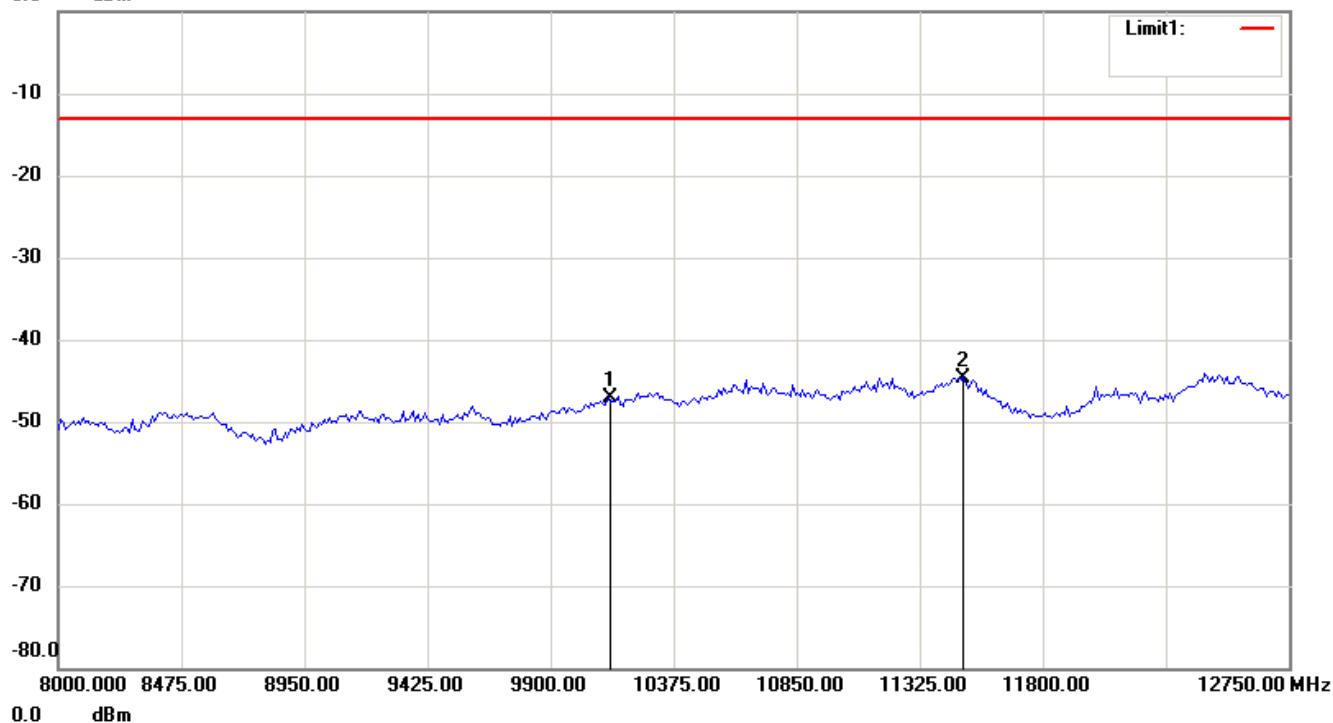


# Worldwide Testing Services(Taiwan) Co., Ltd.

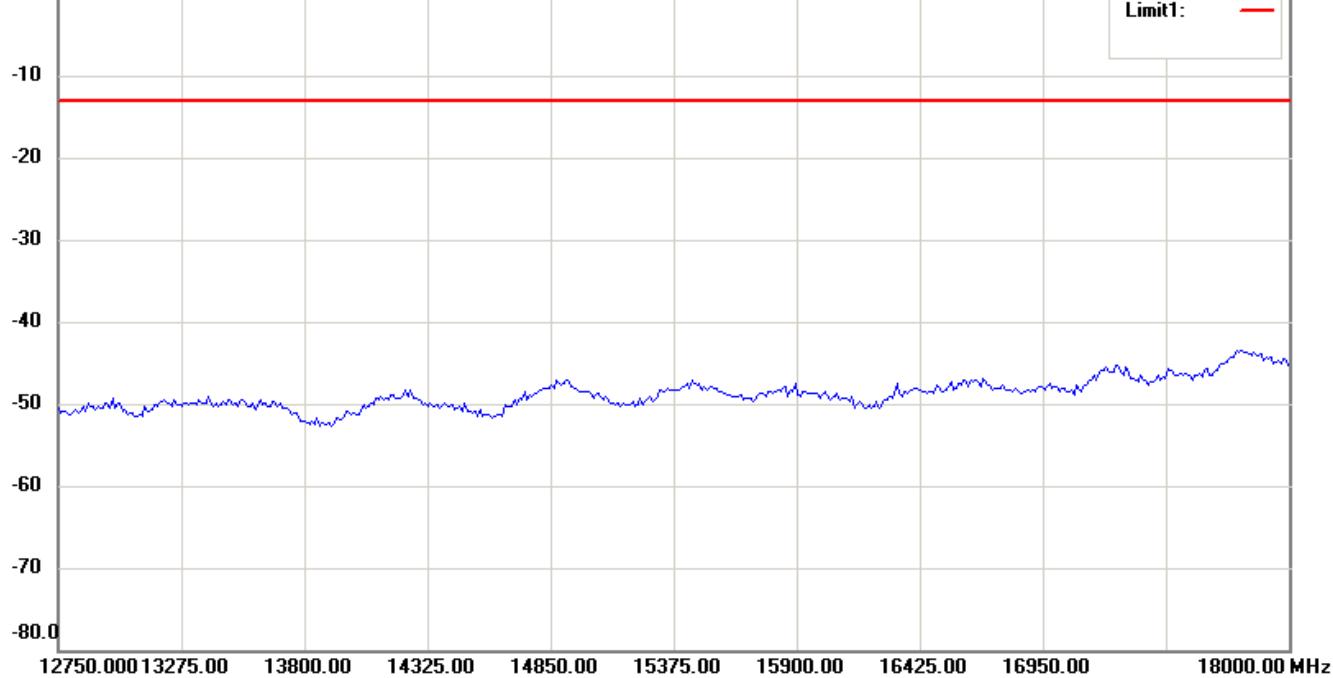
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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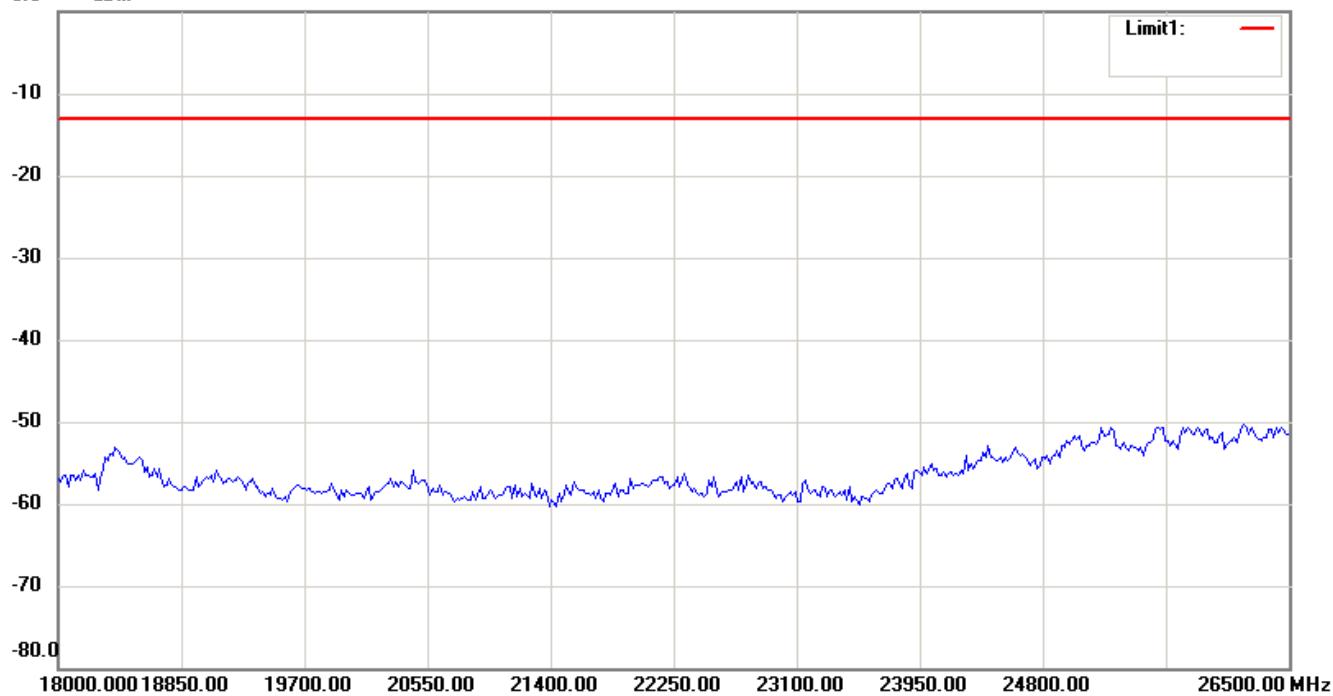


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

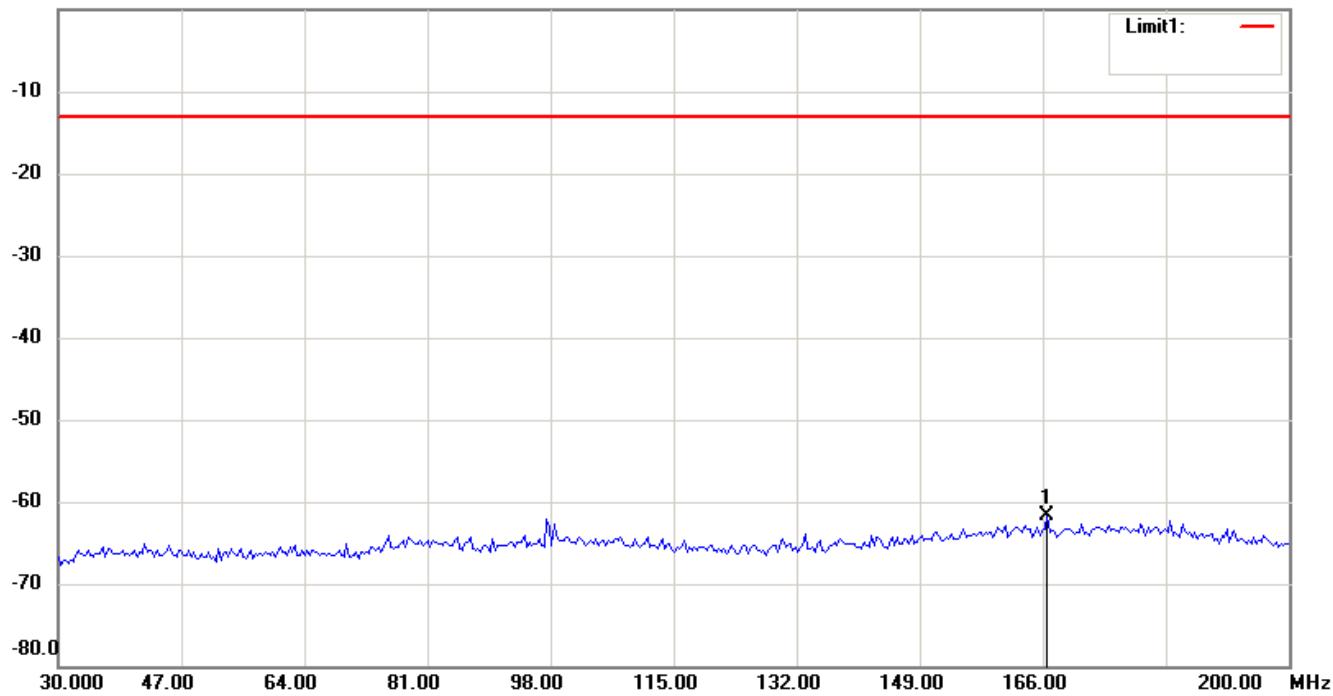
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



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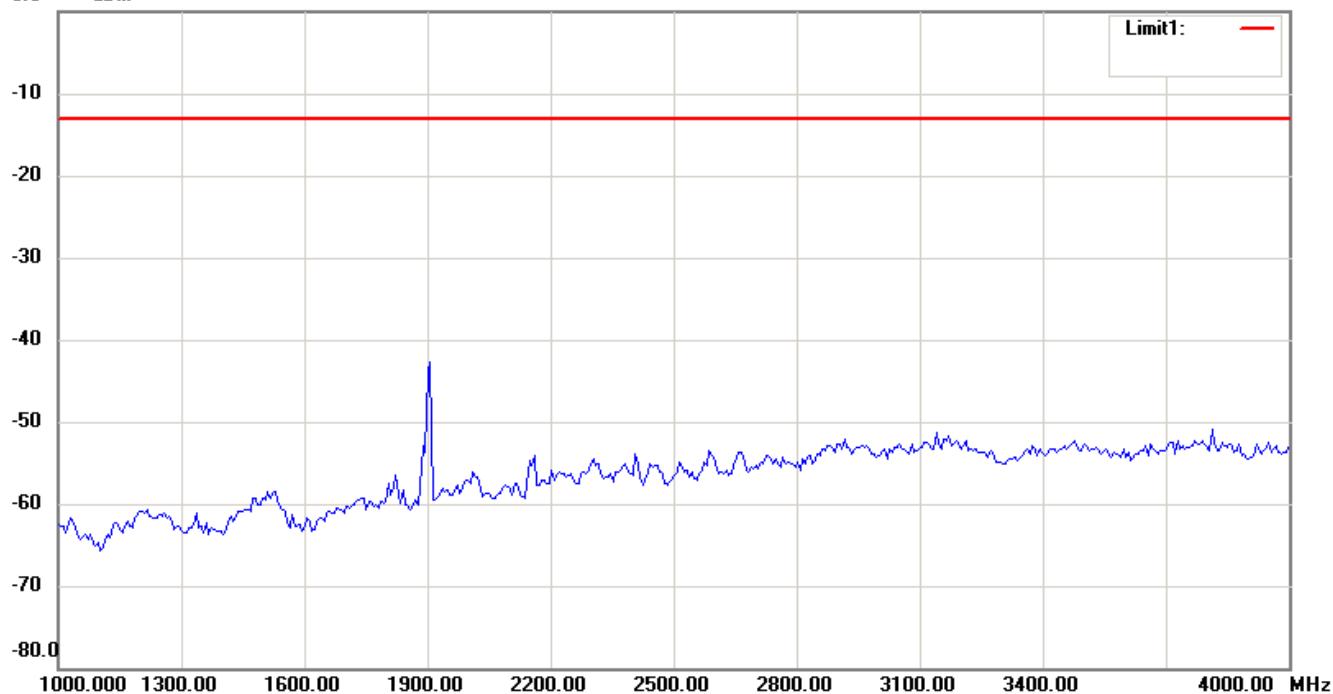
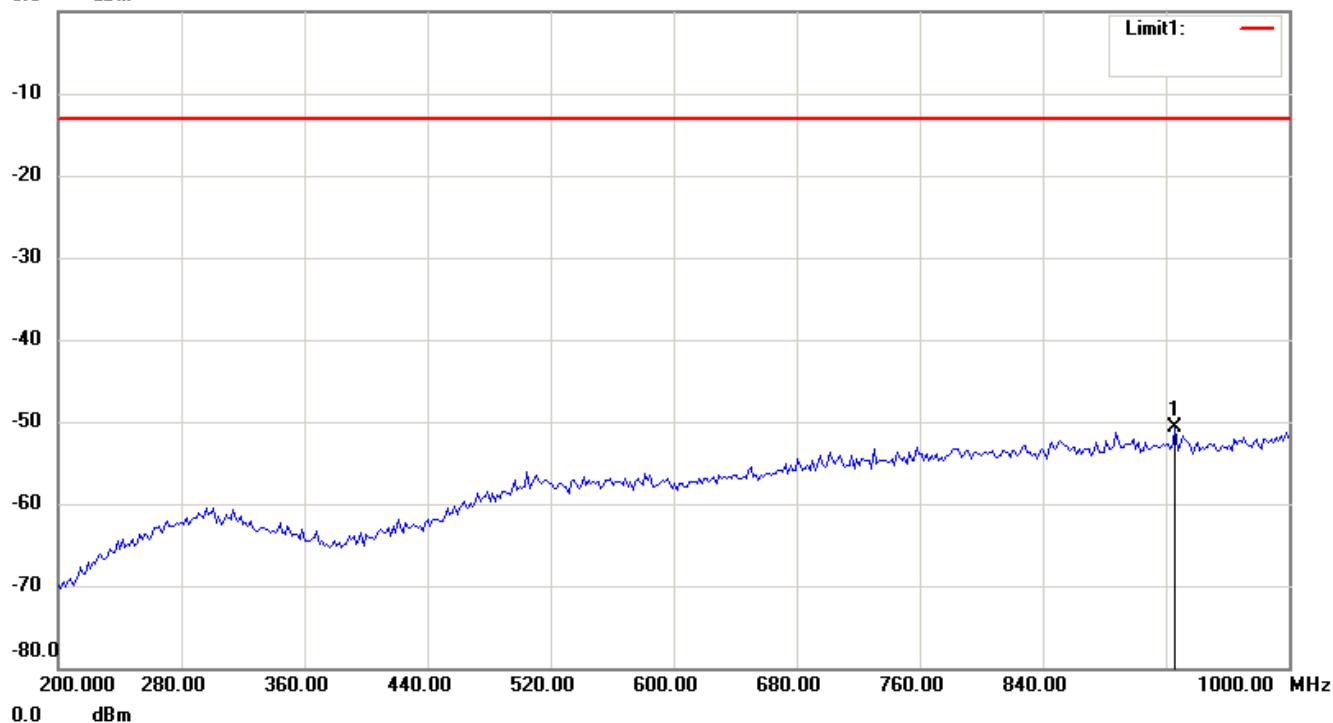


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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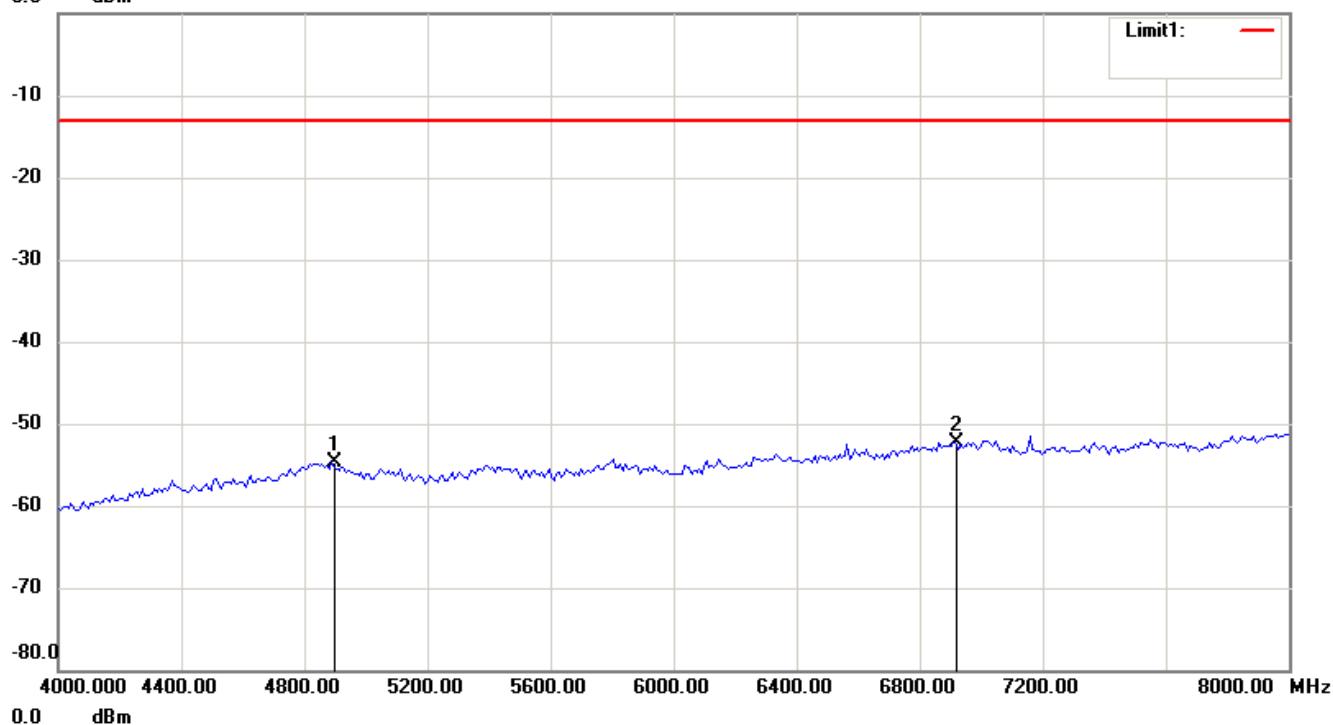


# Worldwide Testing Services(Taiwan) Co., Ltd.

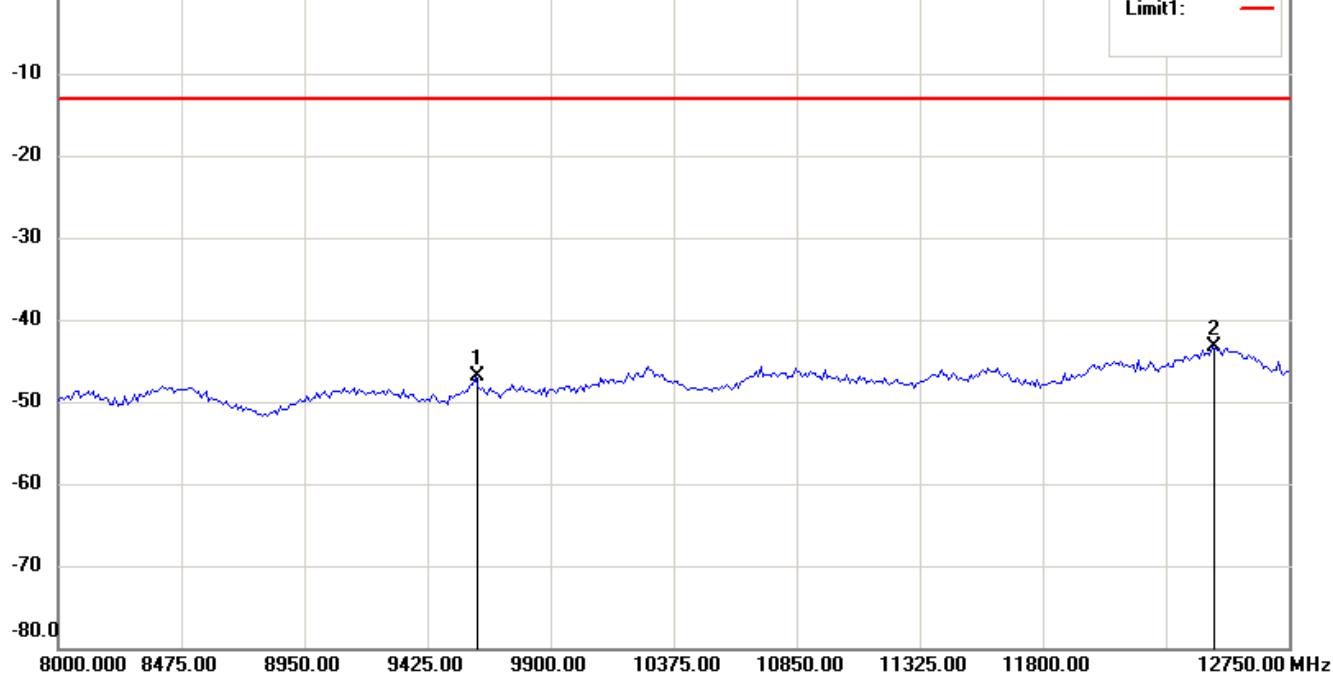
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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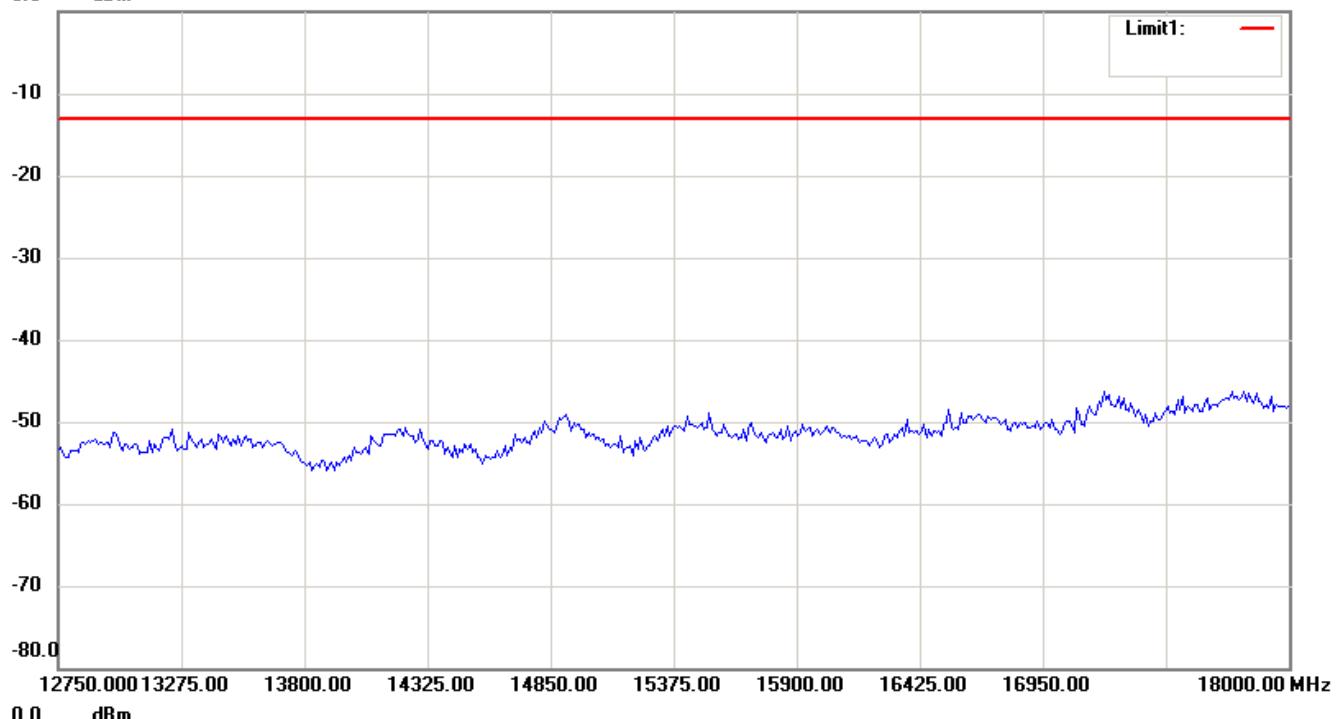


# Worldwide Testing Services(Taiwan) Co., Ltd.

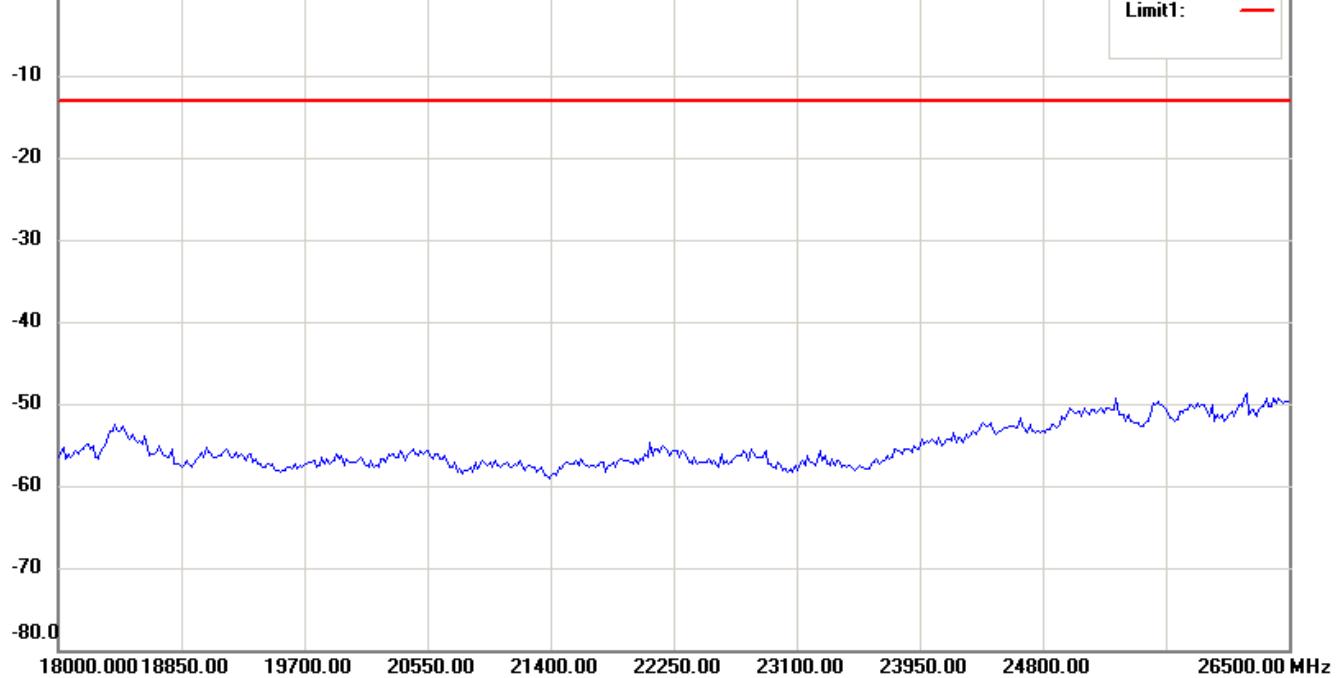
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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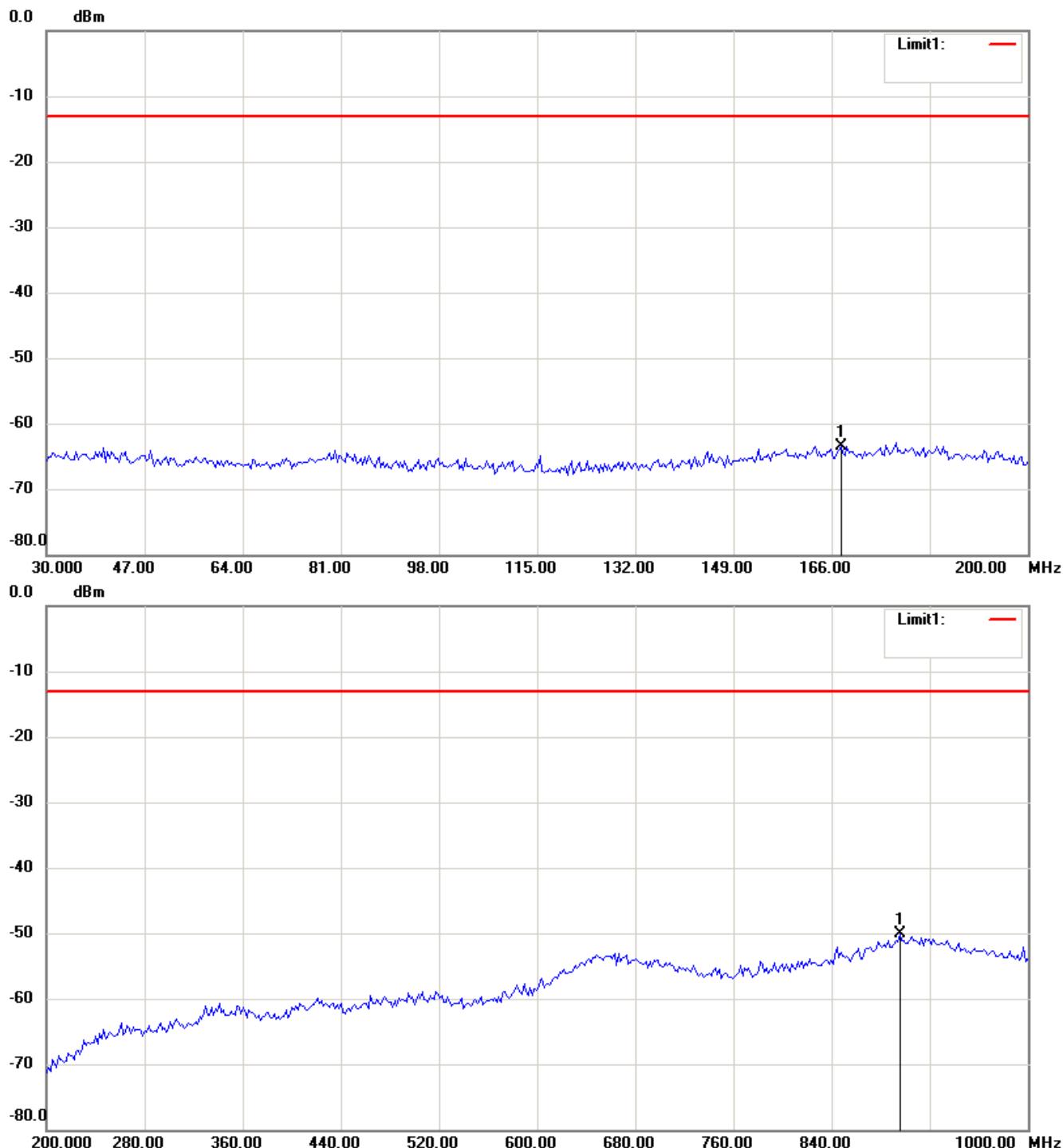
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band II\_CH 9538\_4.07 V

Antenna Polarization H



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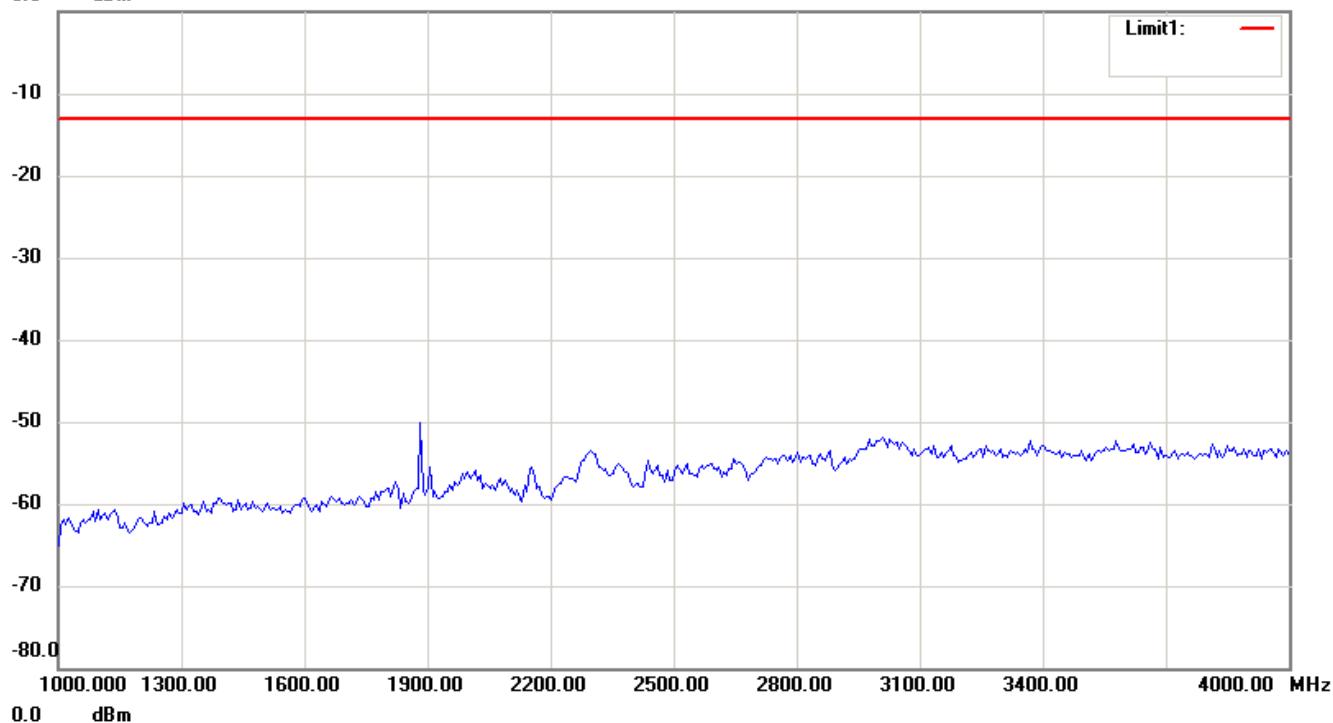


# Worldwide Testing Services(Taiwan) Co., Ltd.

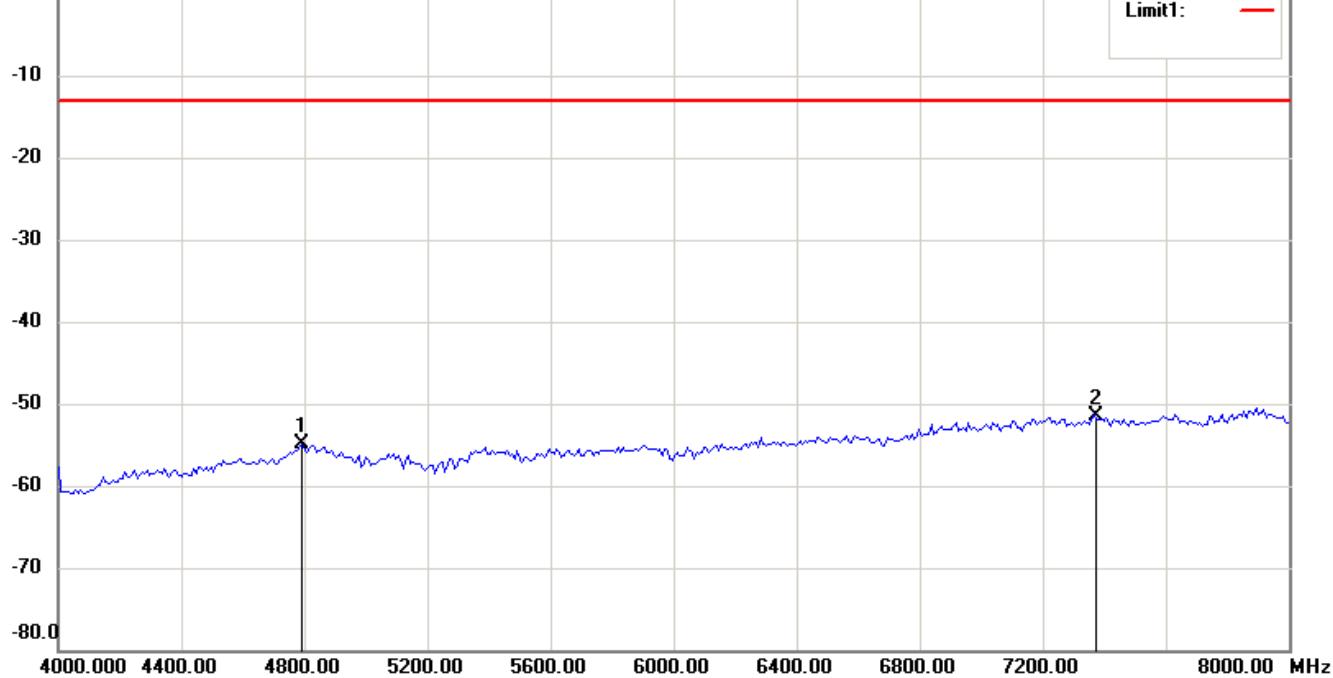
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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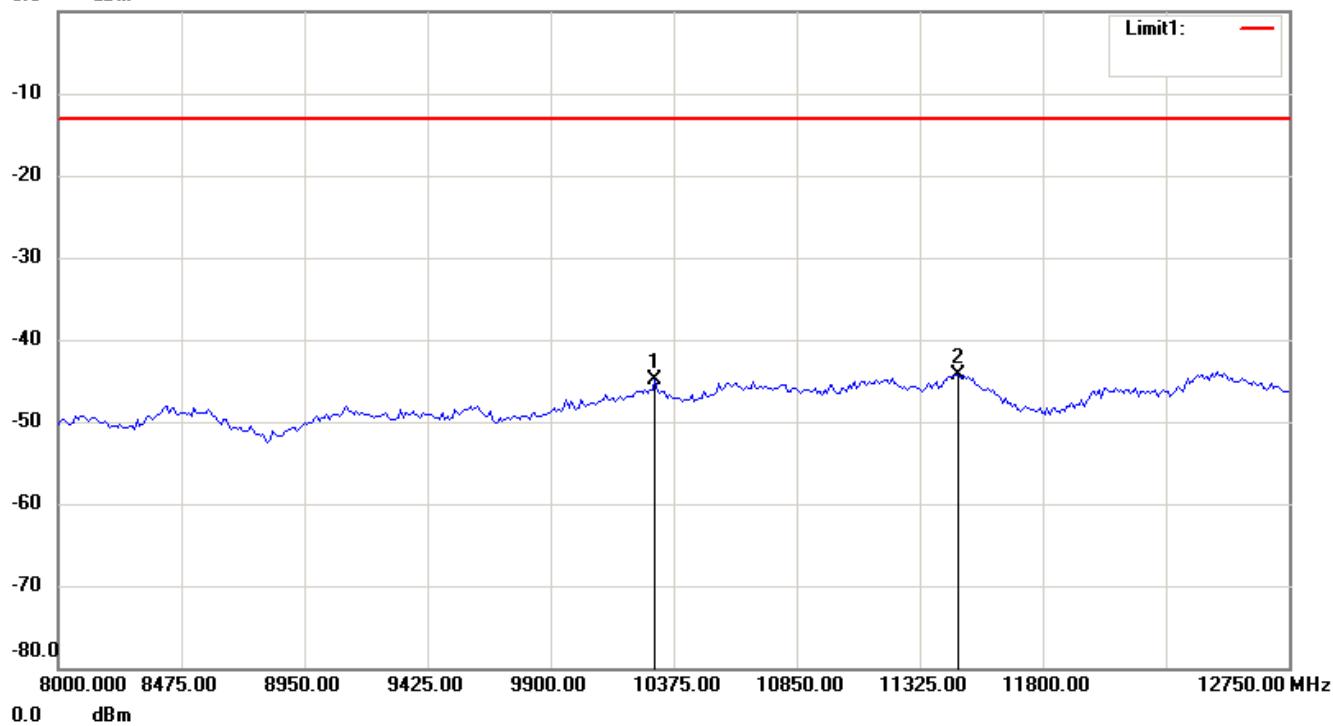


# Worldwide Testing Services(Taiwan) Co., Ltd.

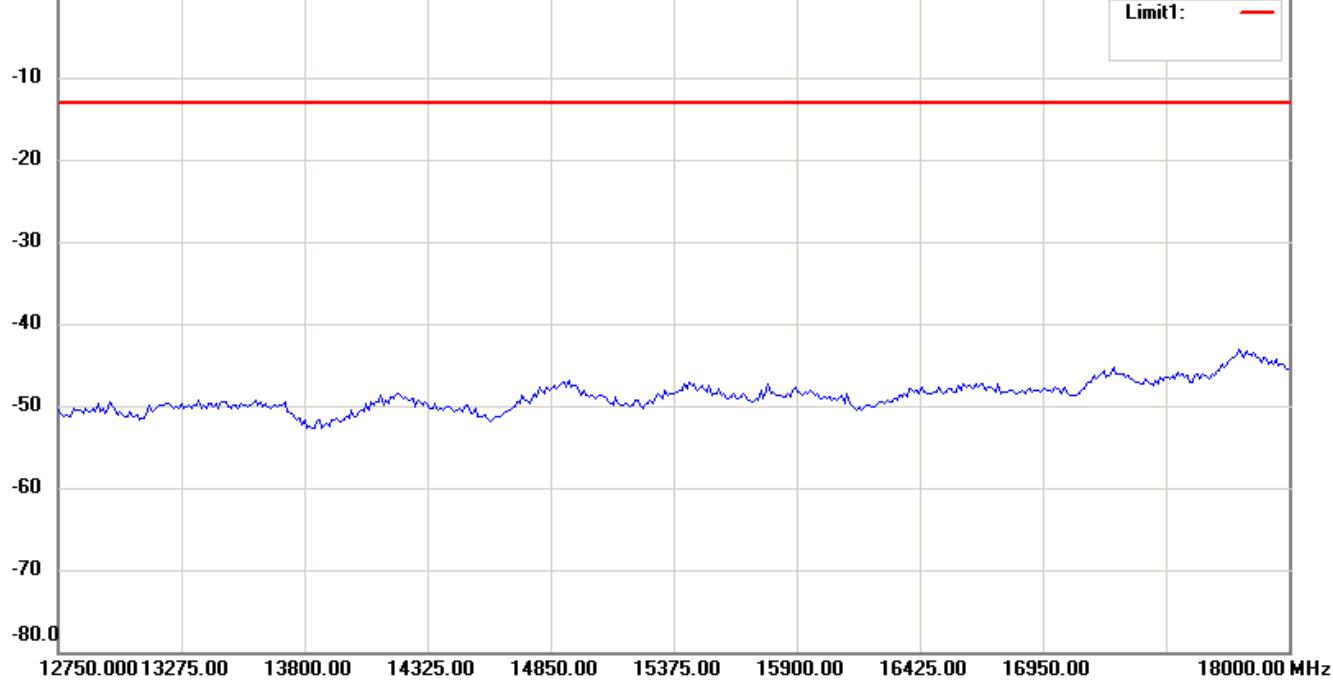
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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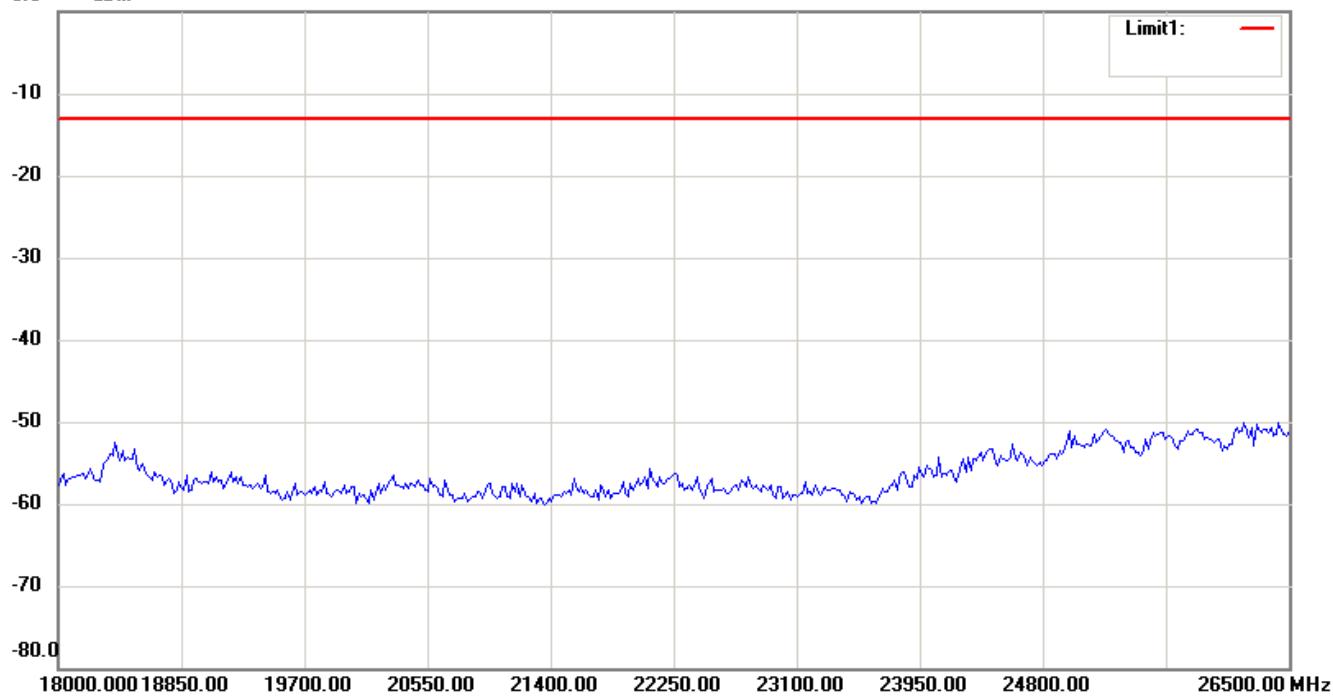


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

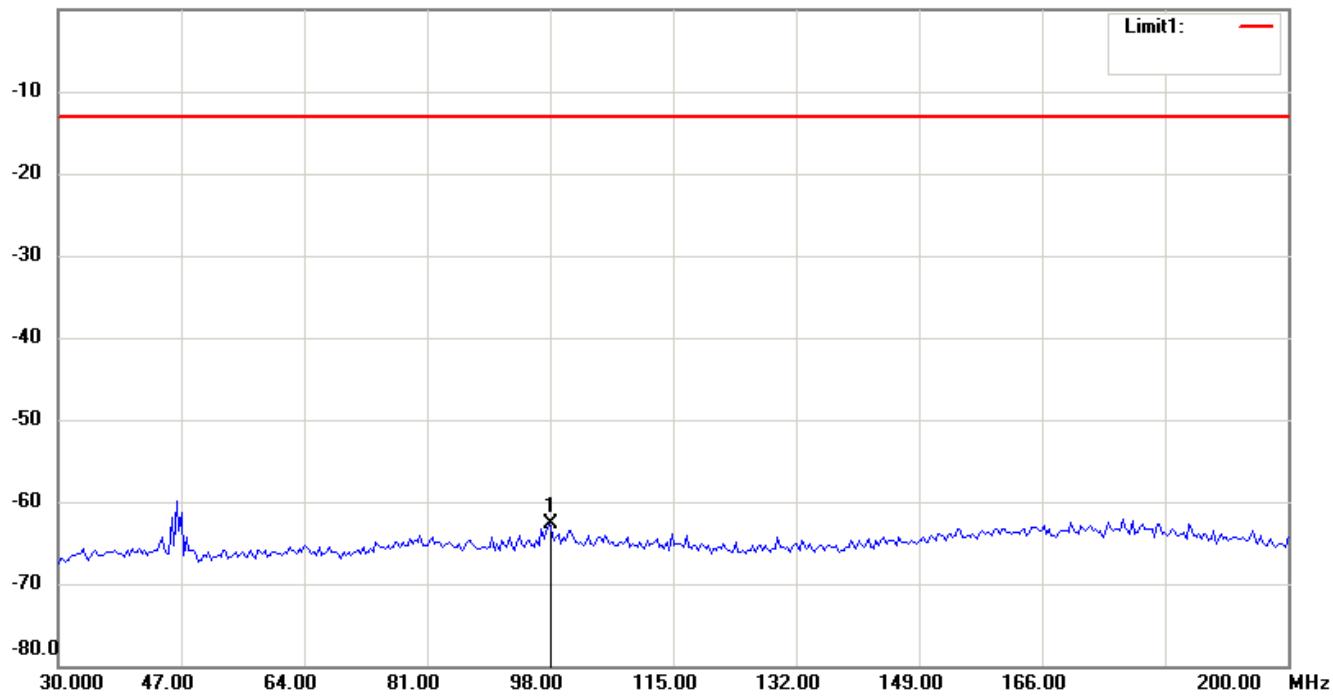
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



**Note:**

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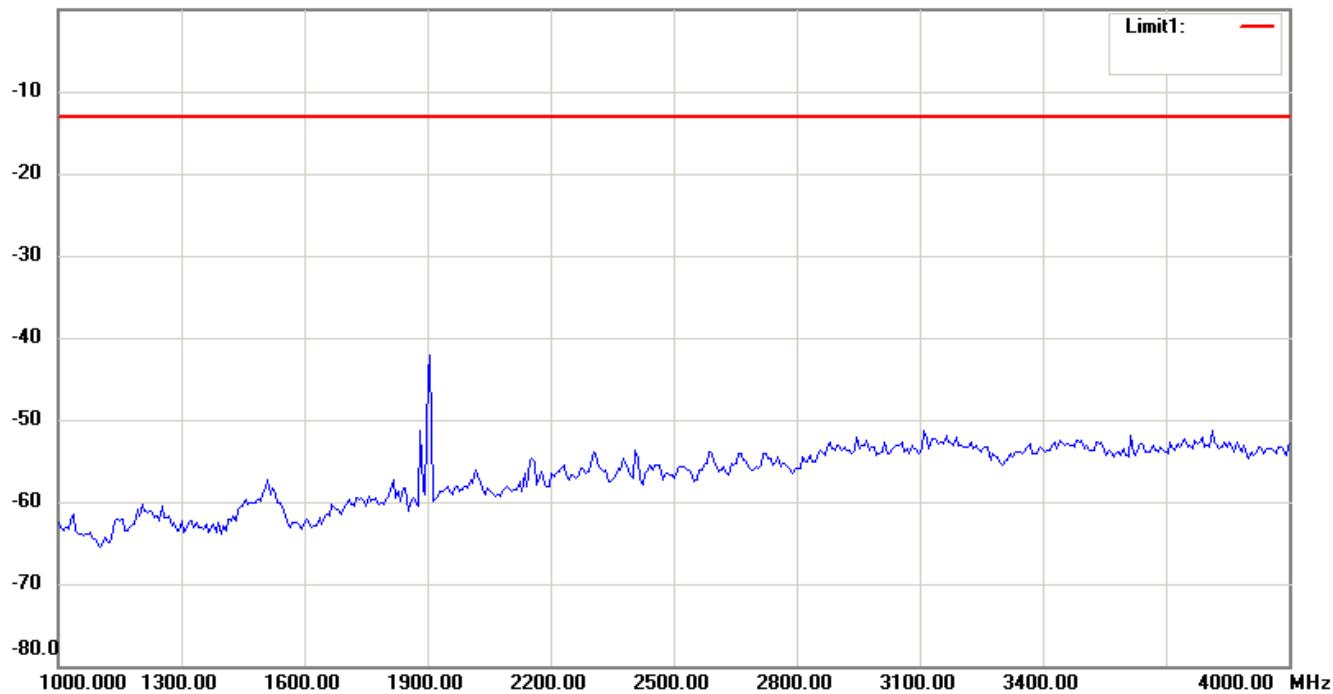
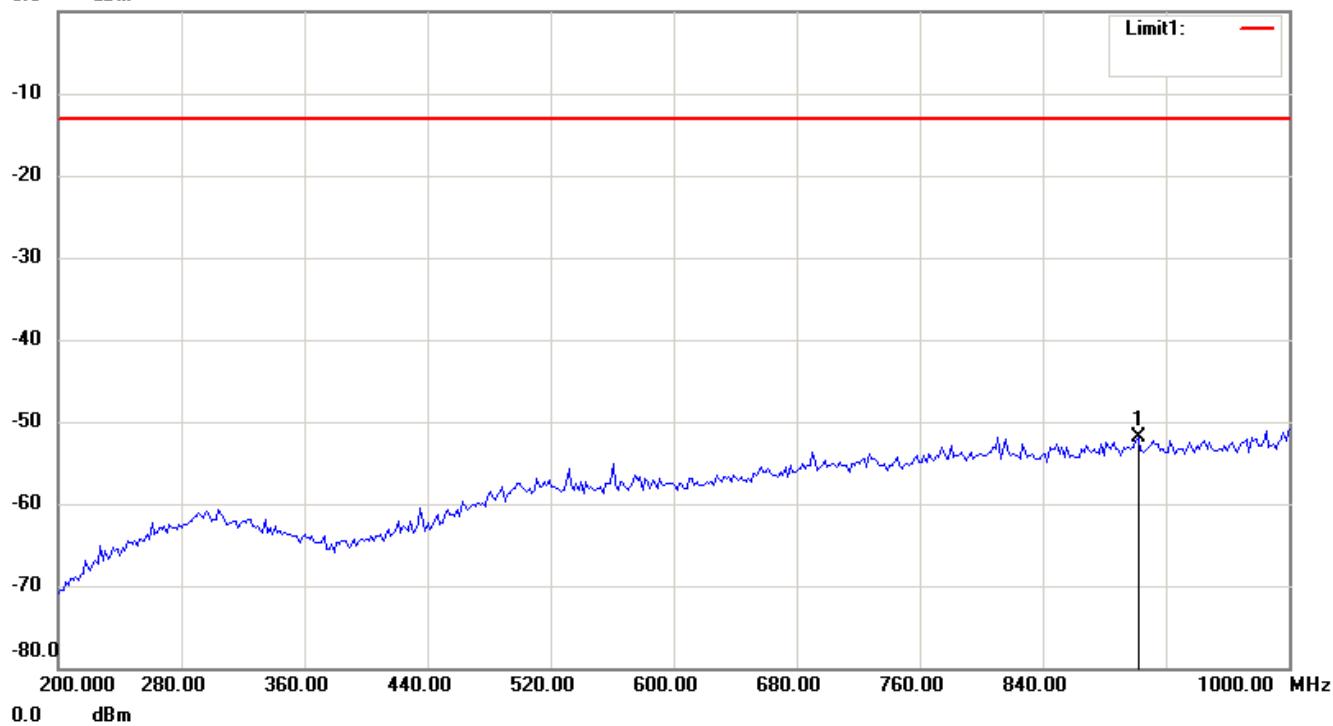


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



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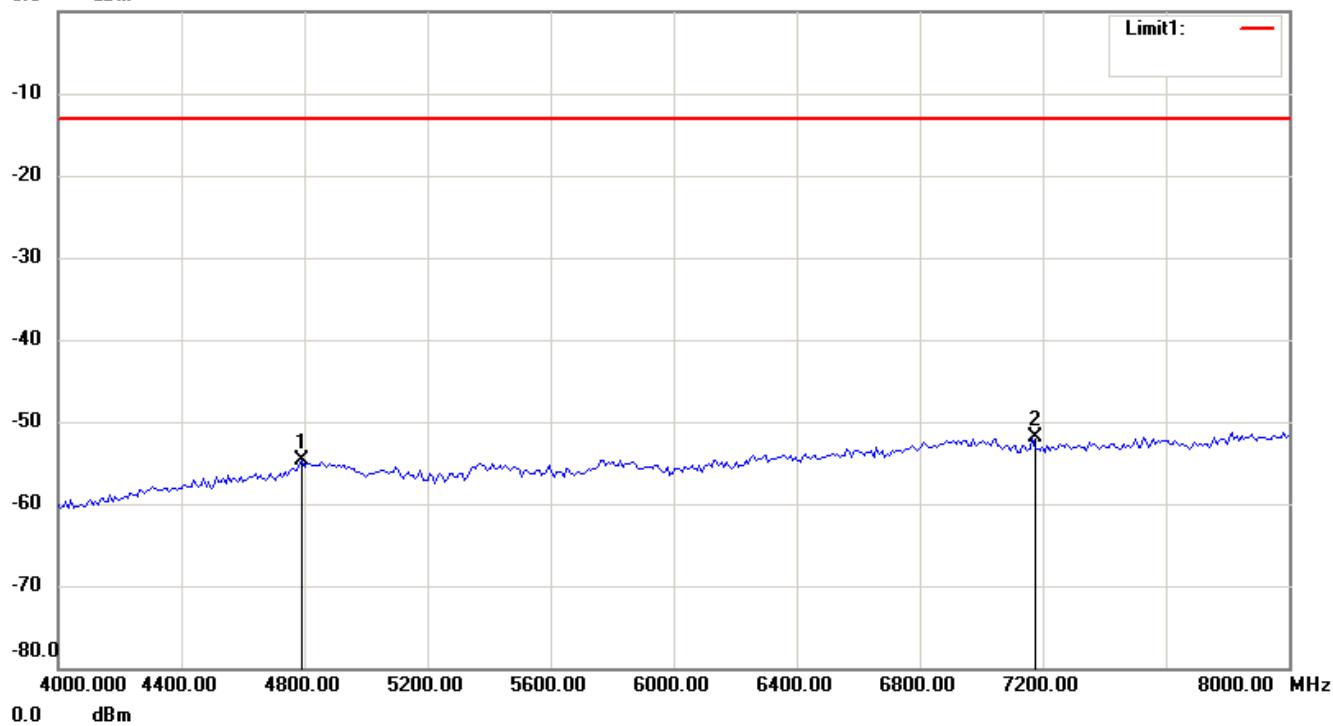


# Worldwide Testing Services(Taiwan) Co., Ltd.

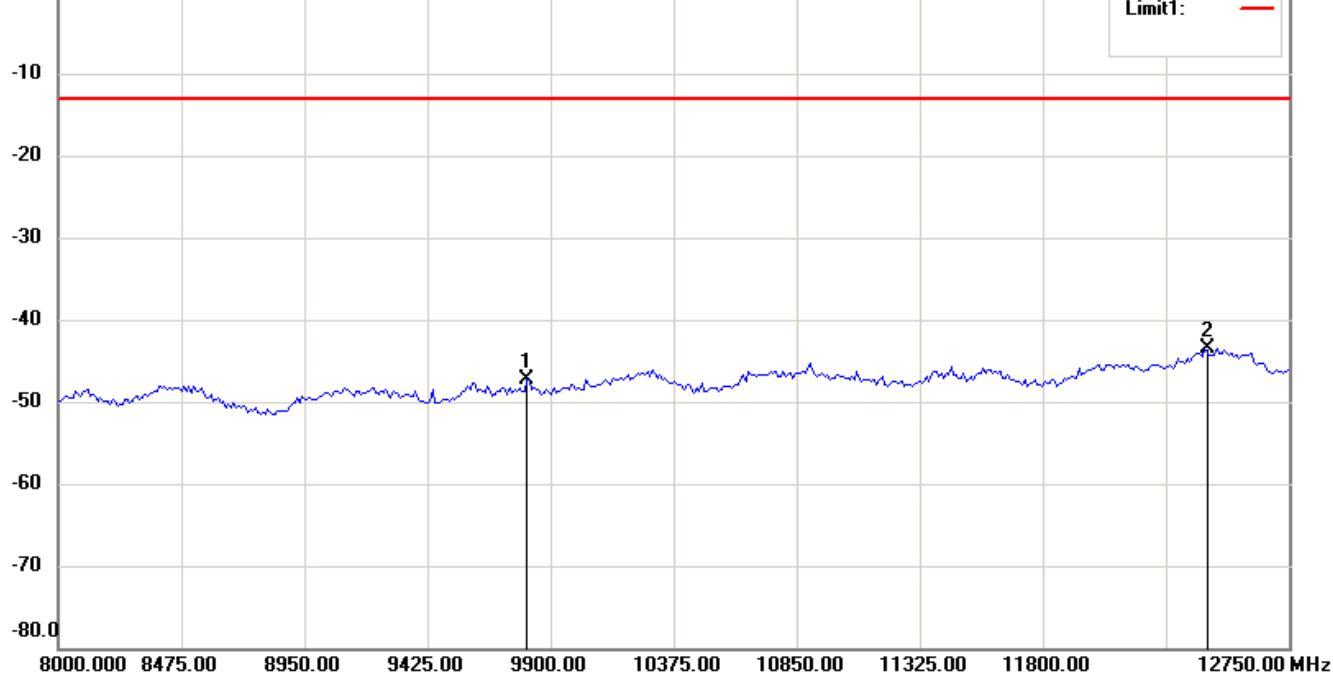
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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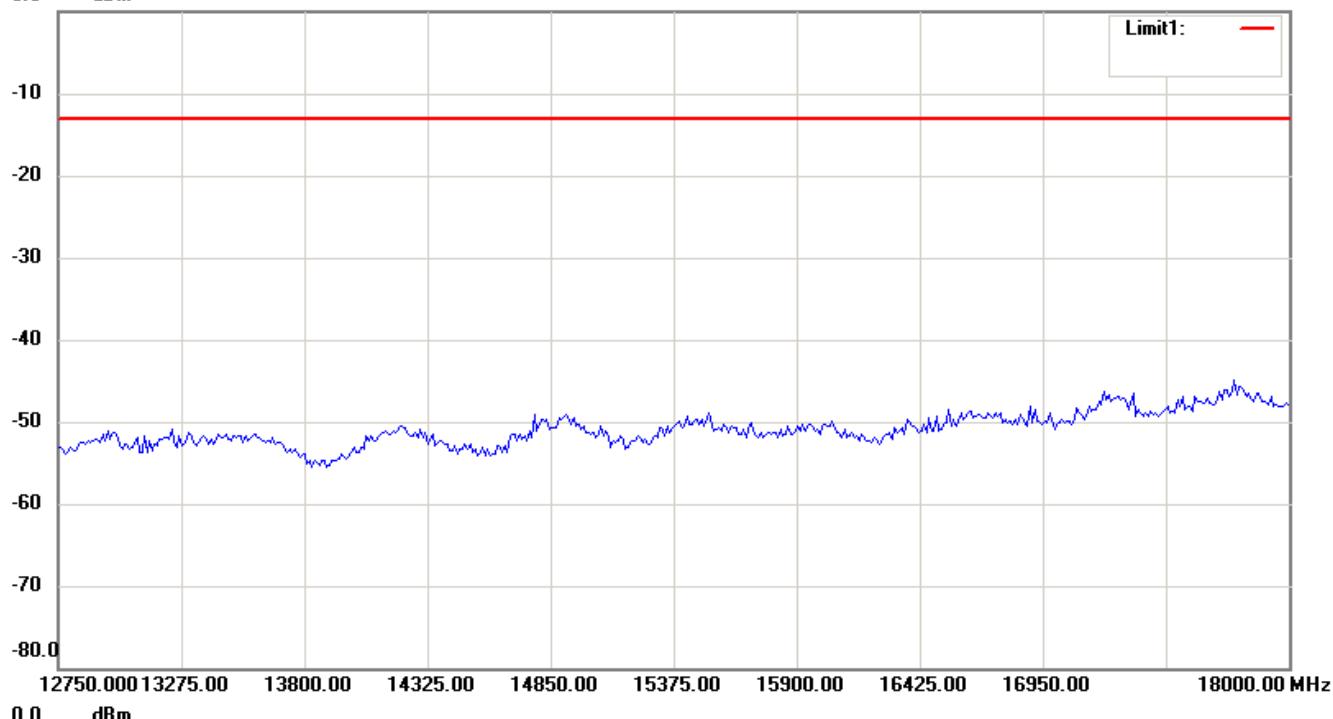


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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

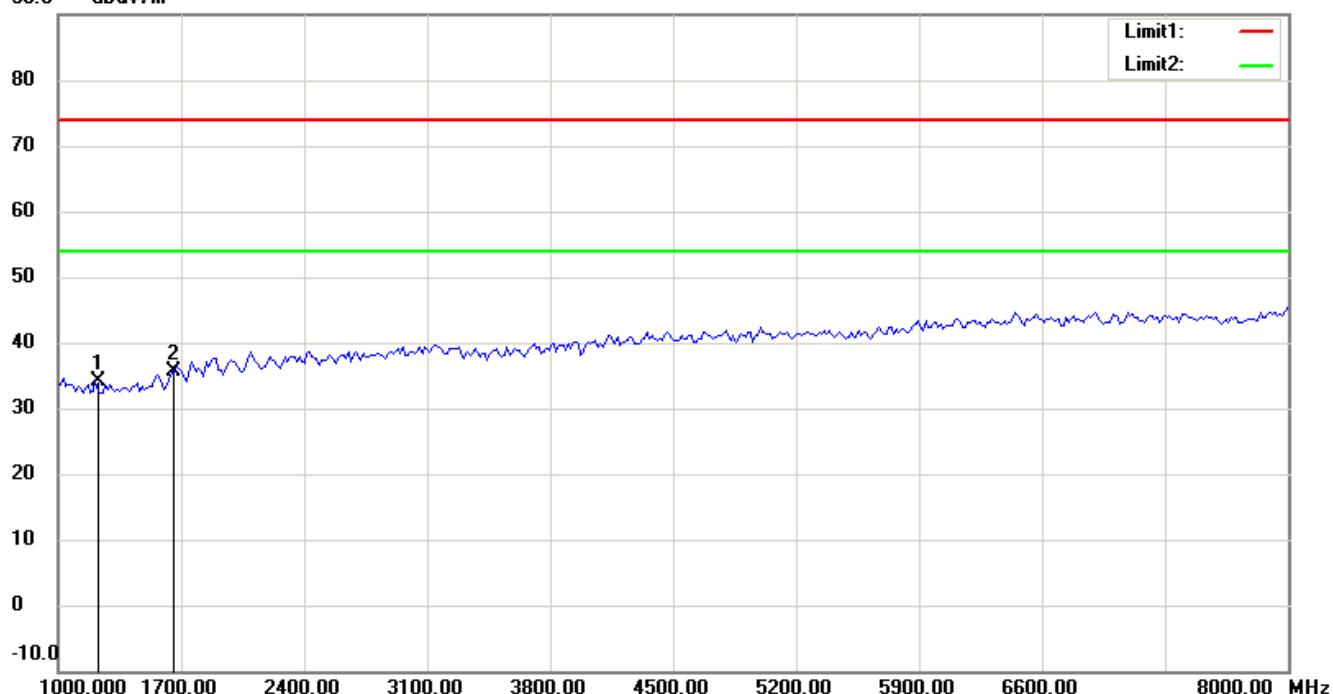
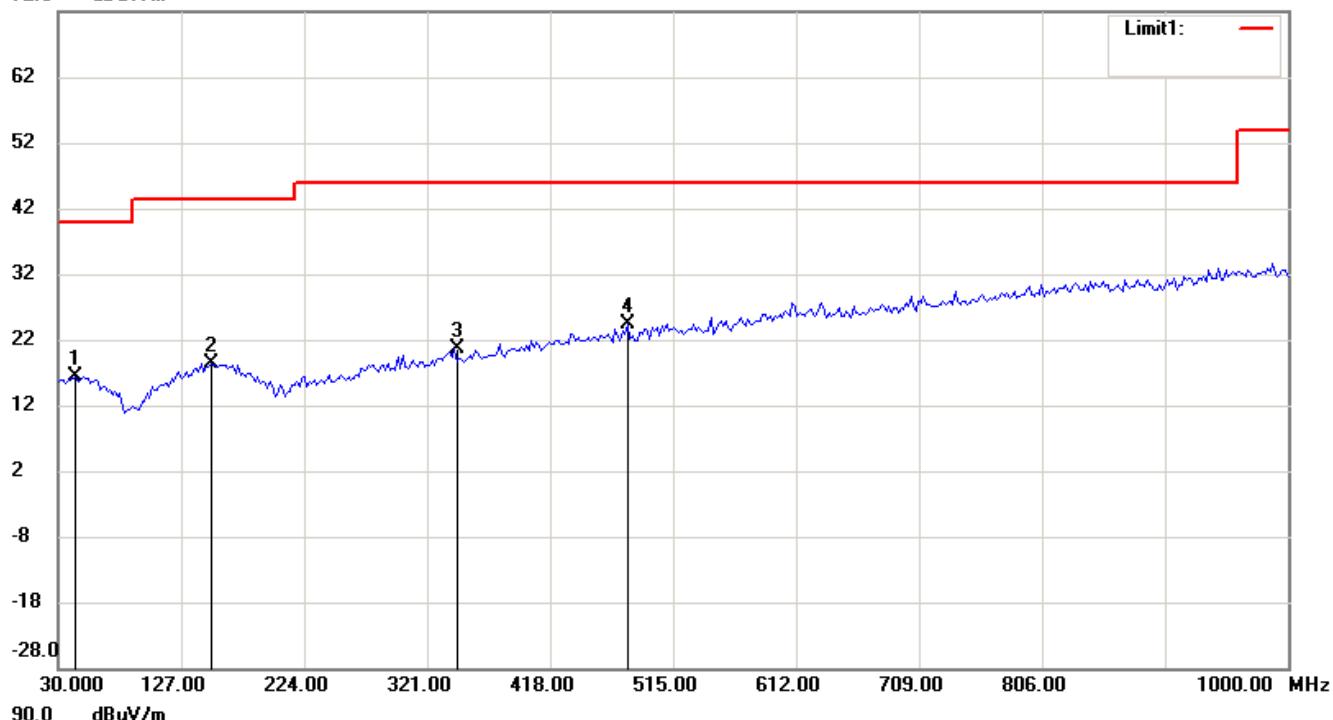
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band II\_Idle Mode\_3.5 V

Antenna Polarization H

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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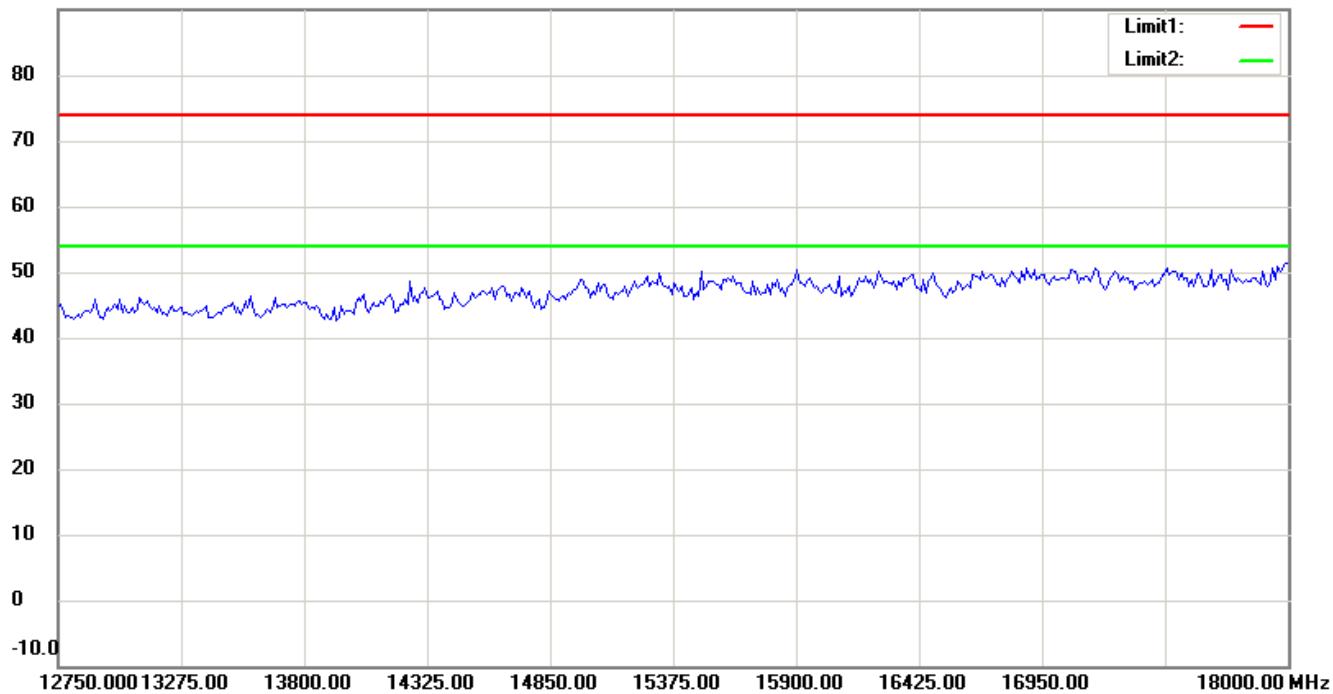
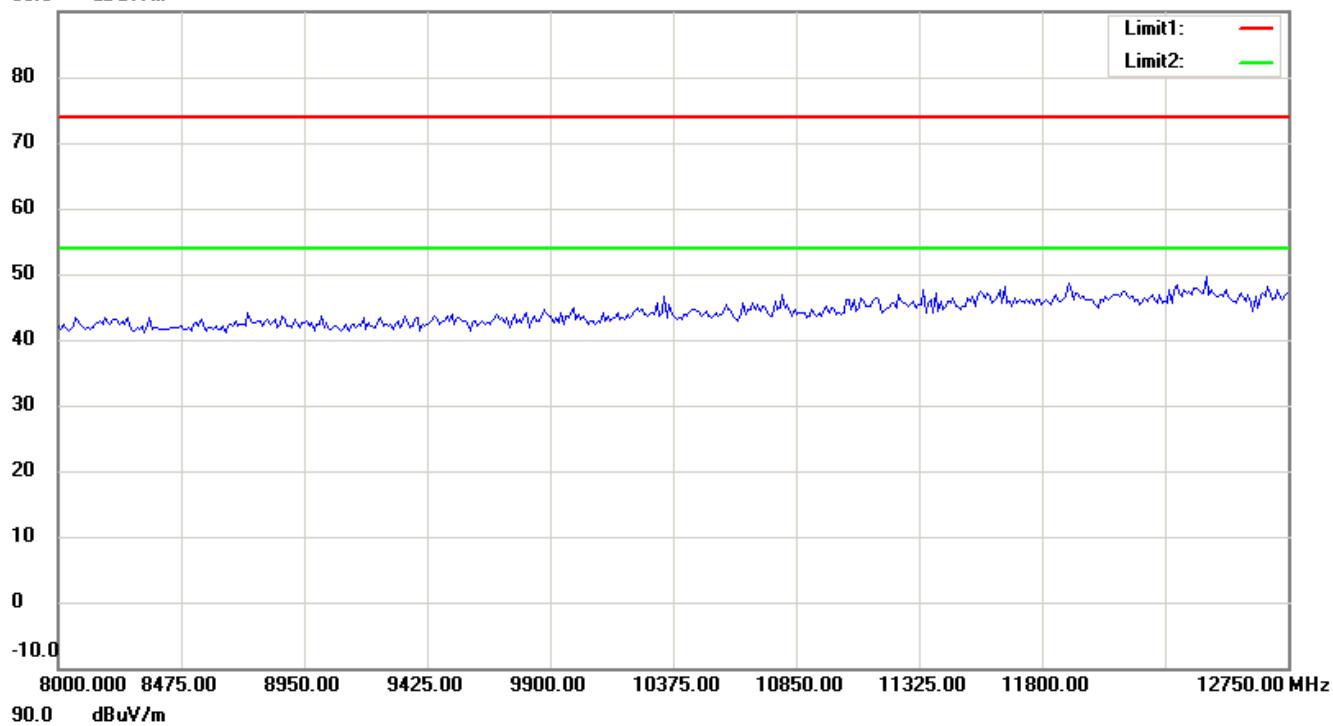


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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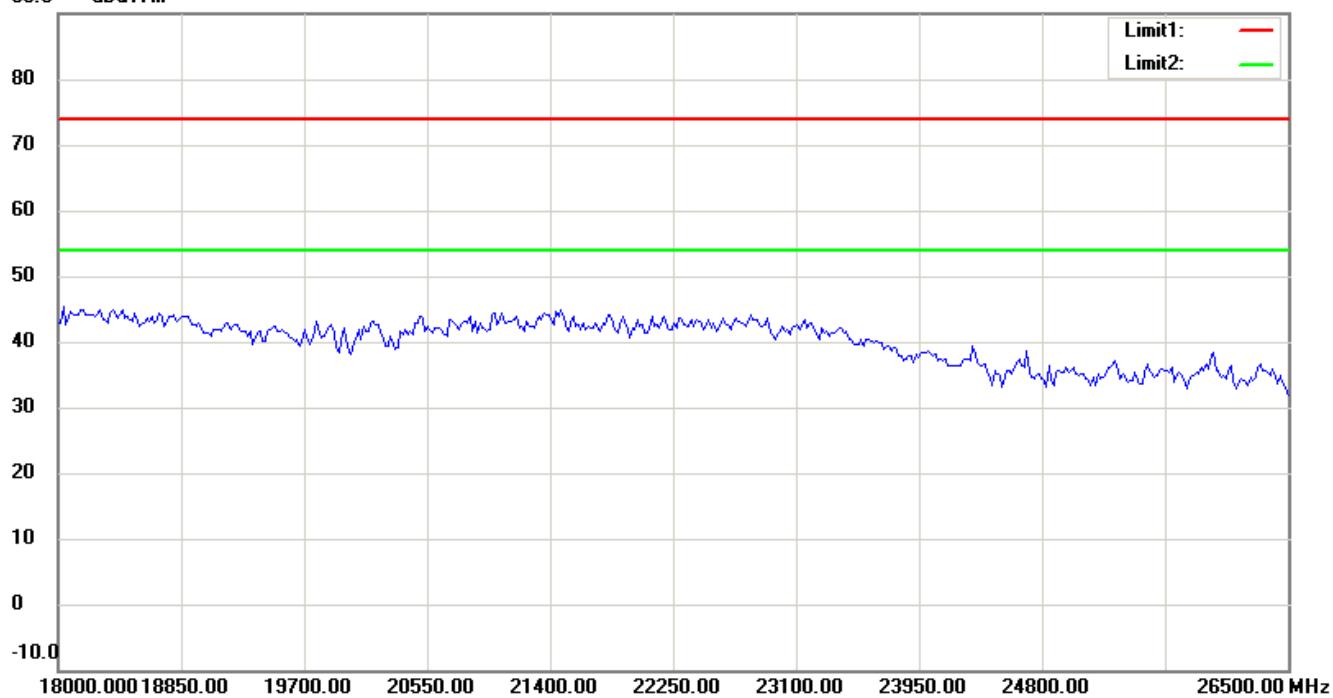


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

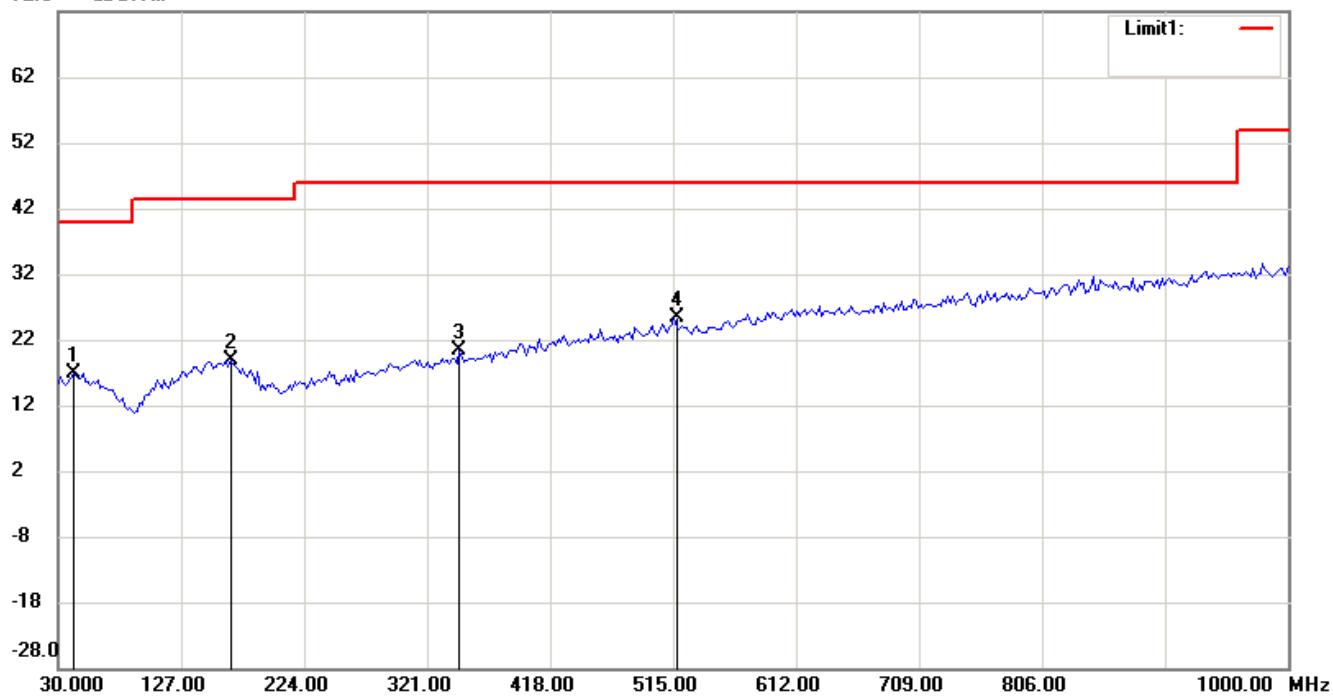
FCC ID: GX9MP

90.0 dBuV/m



Antenna Polarization V

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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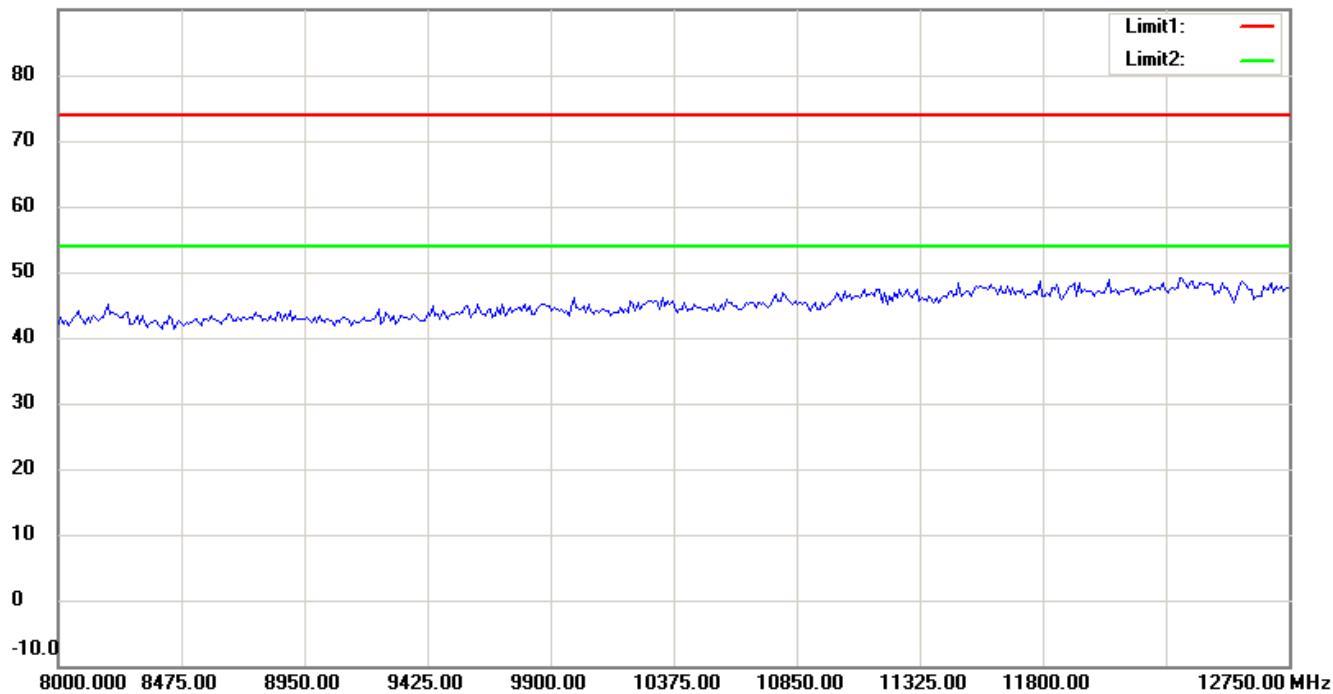
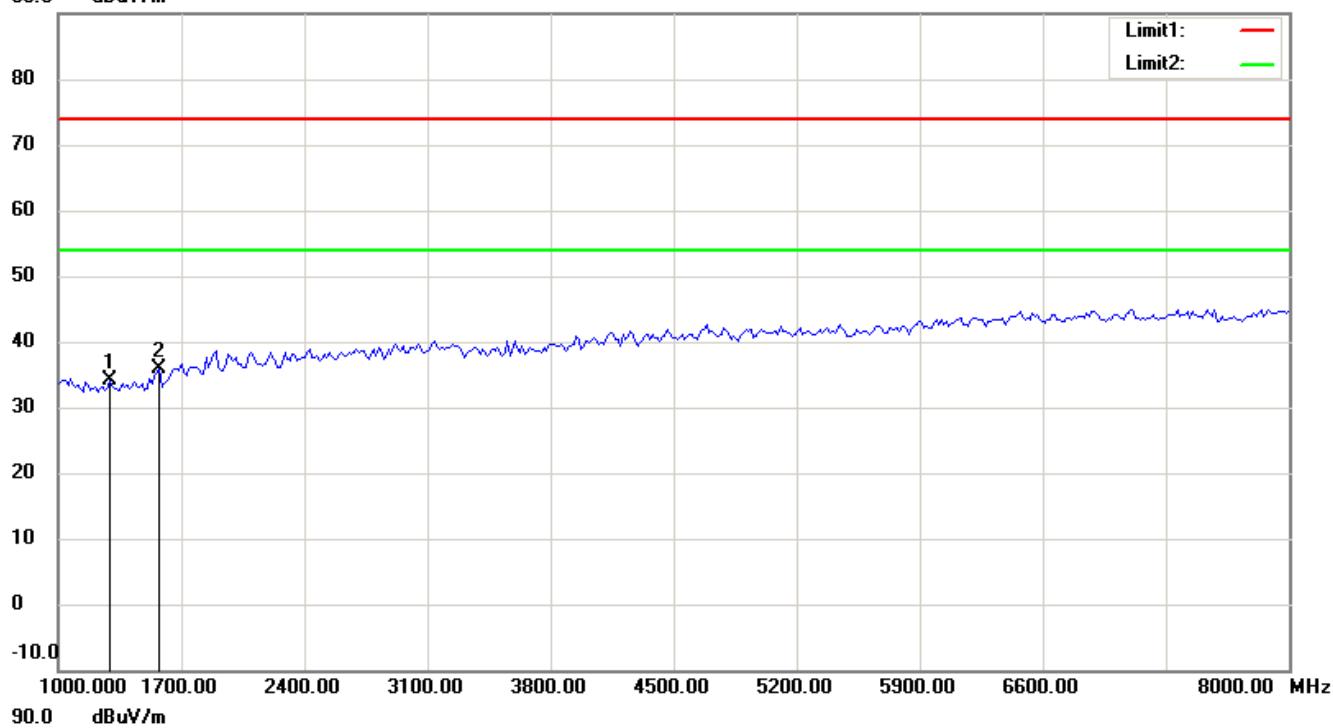


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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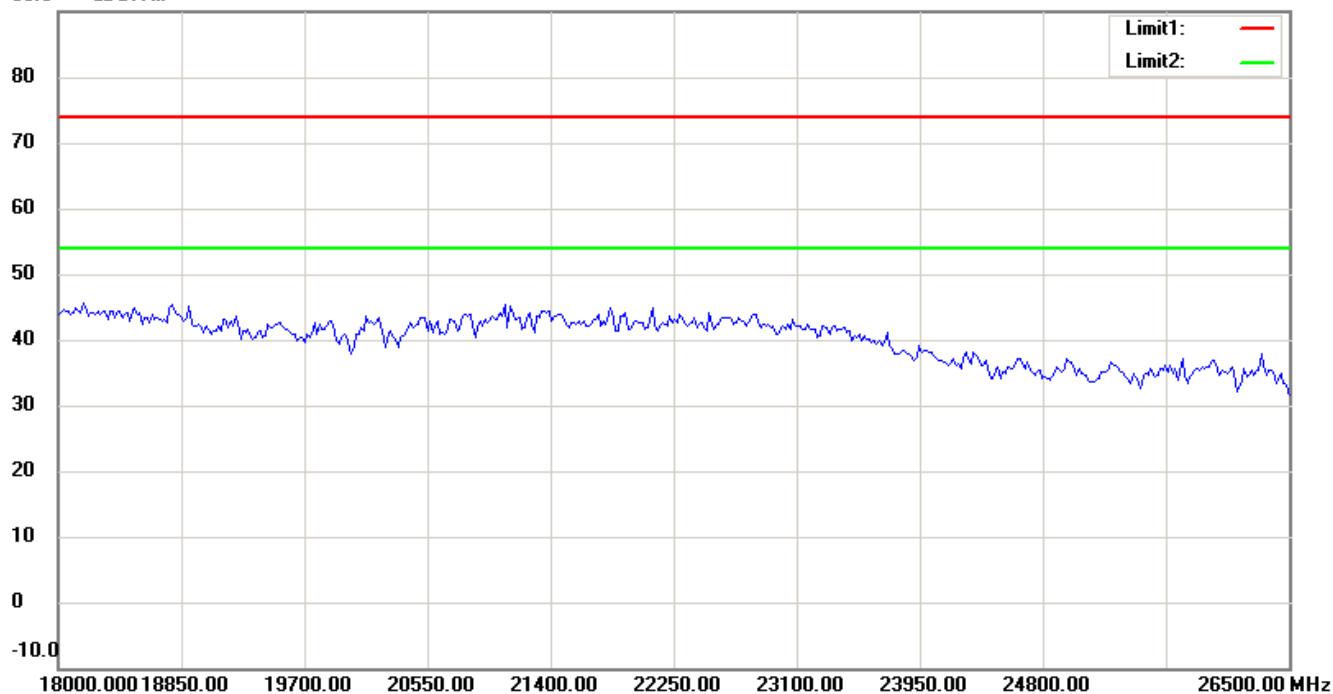
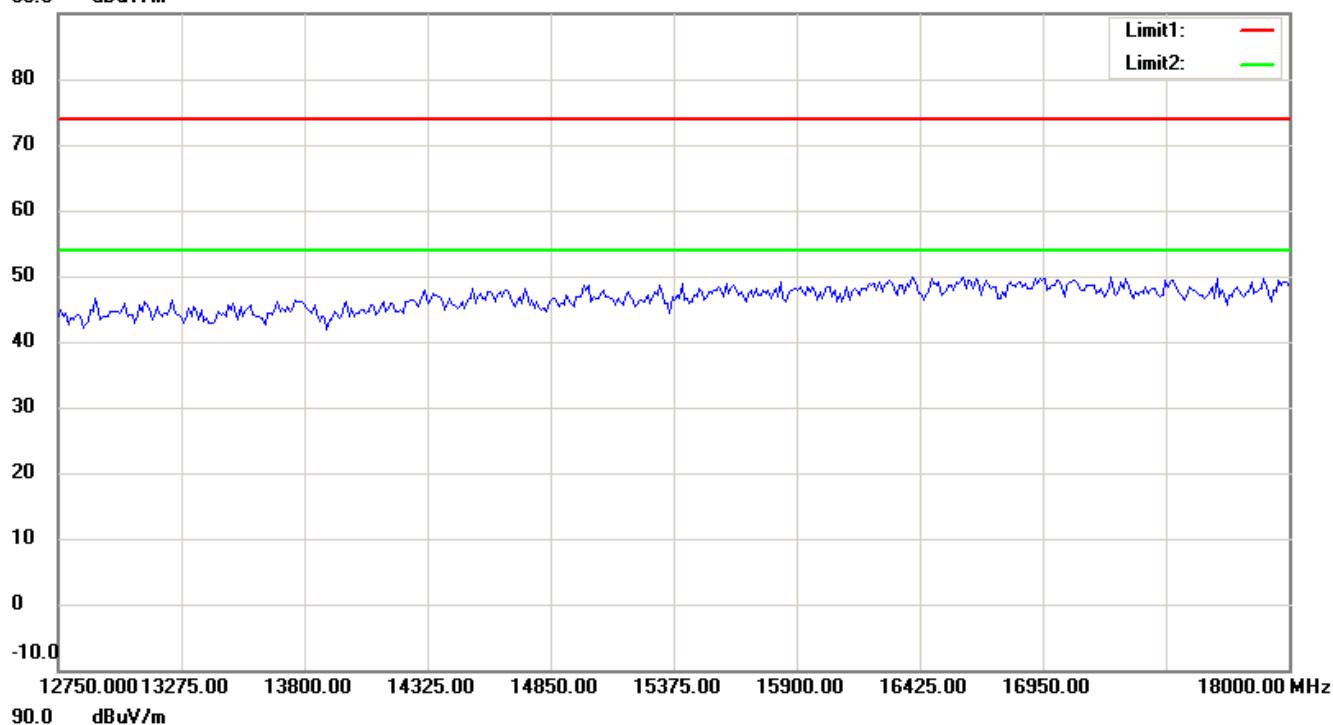


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



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

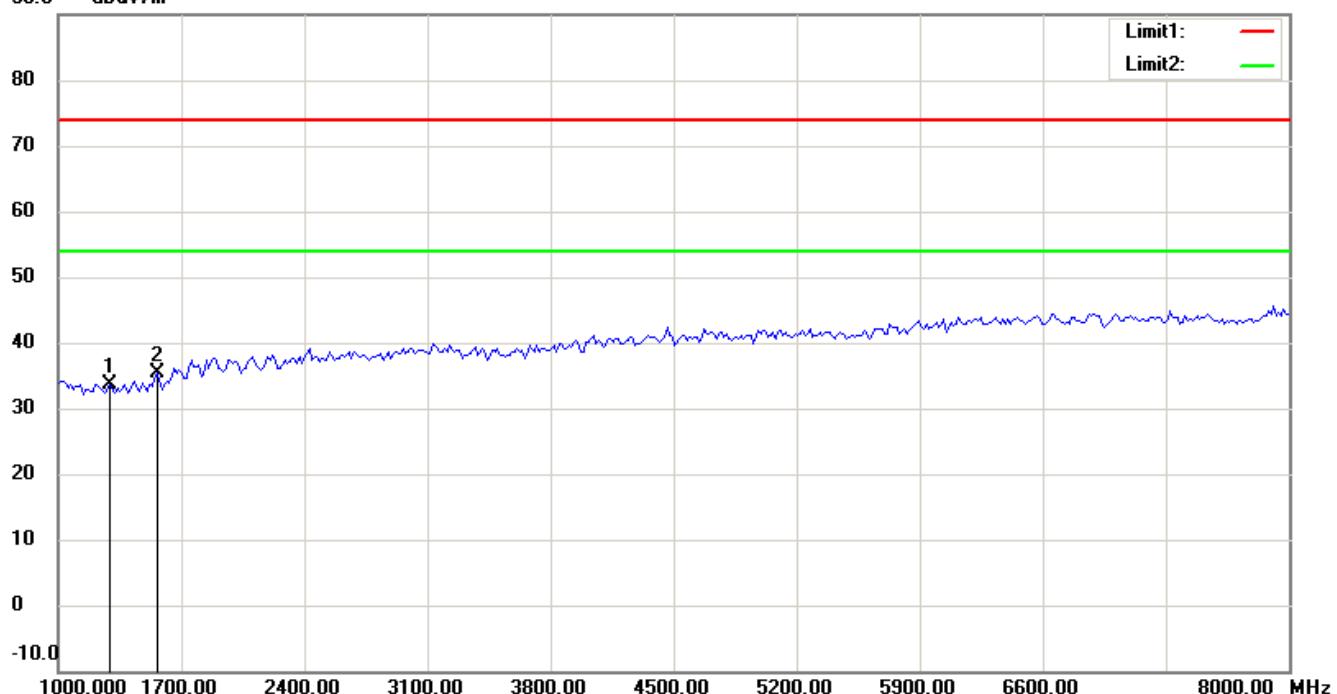
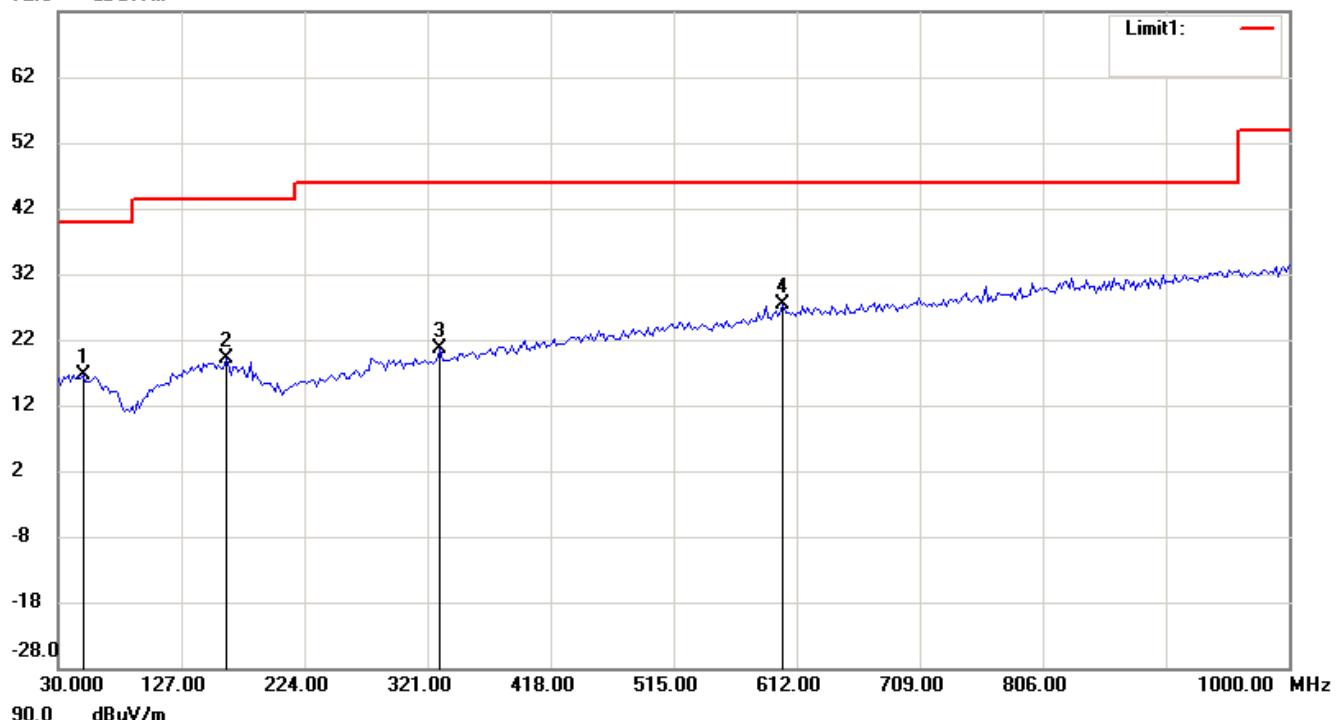
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

WCDMA BAND II \_Idle Mode\_4.07 V

Antenna Polarization H

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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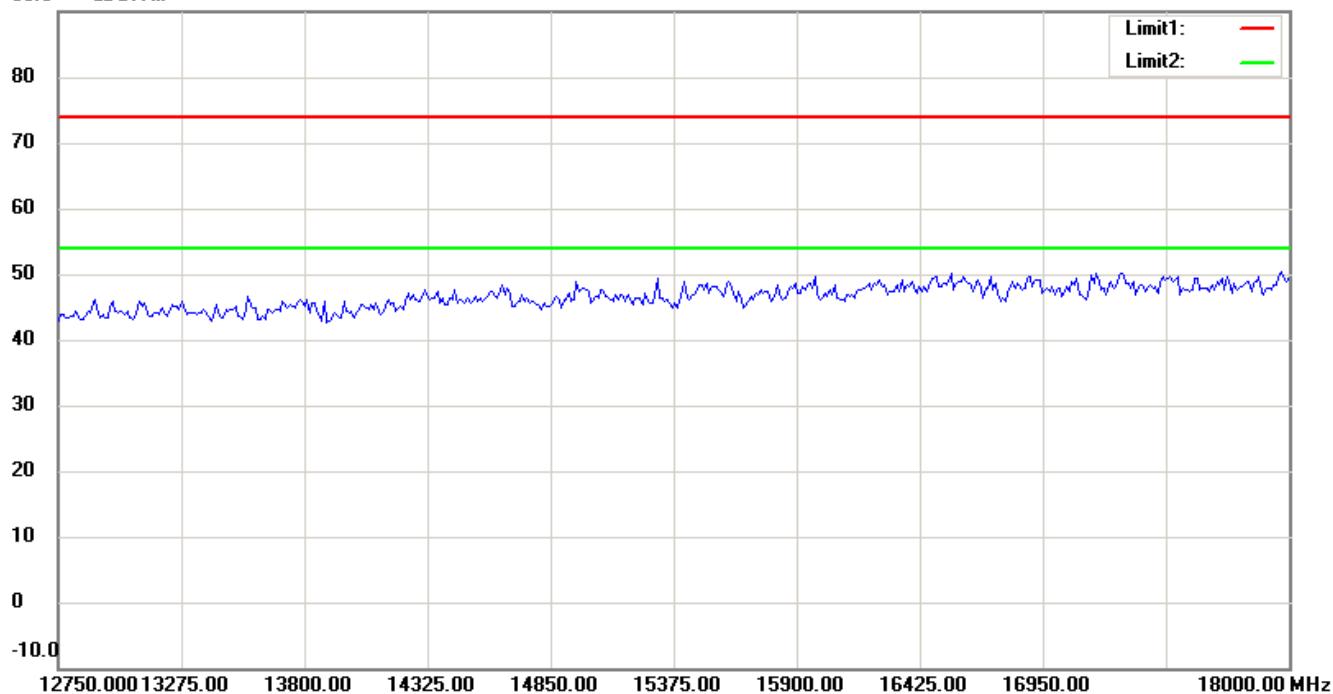
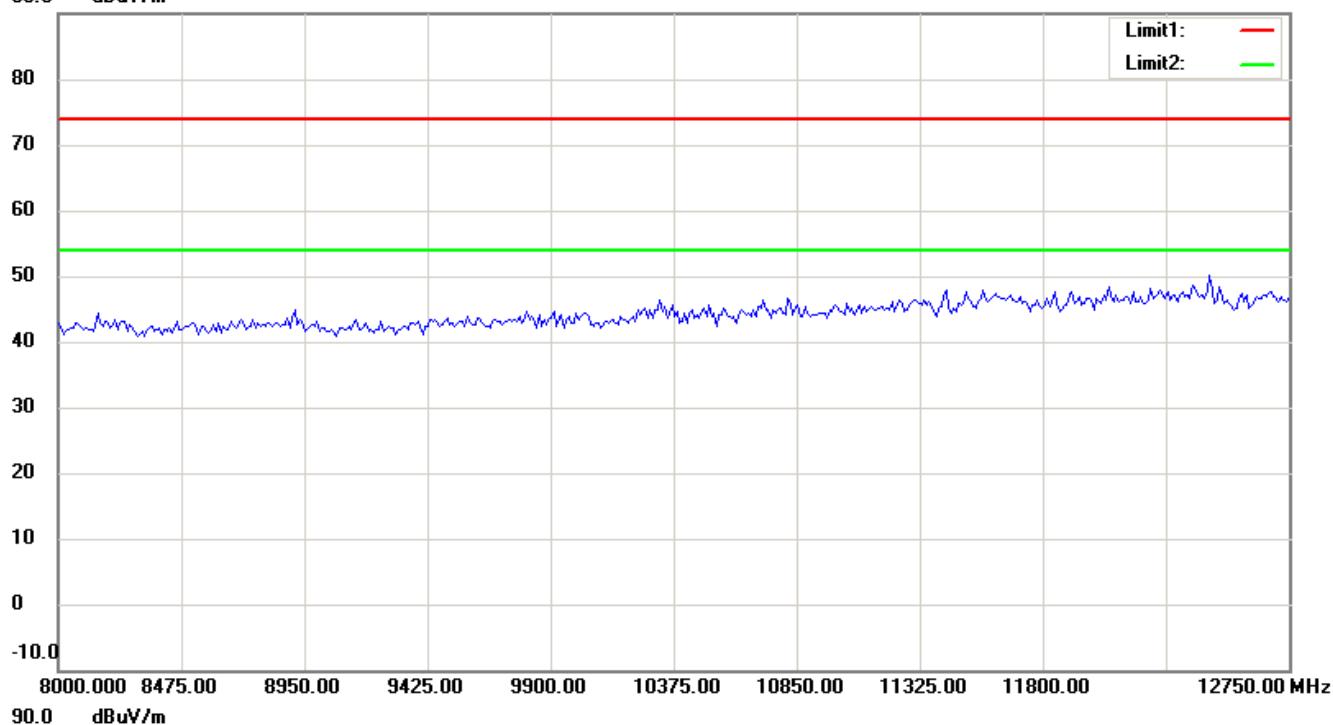


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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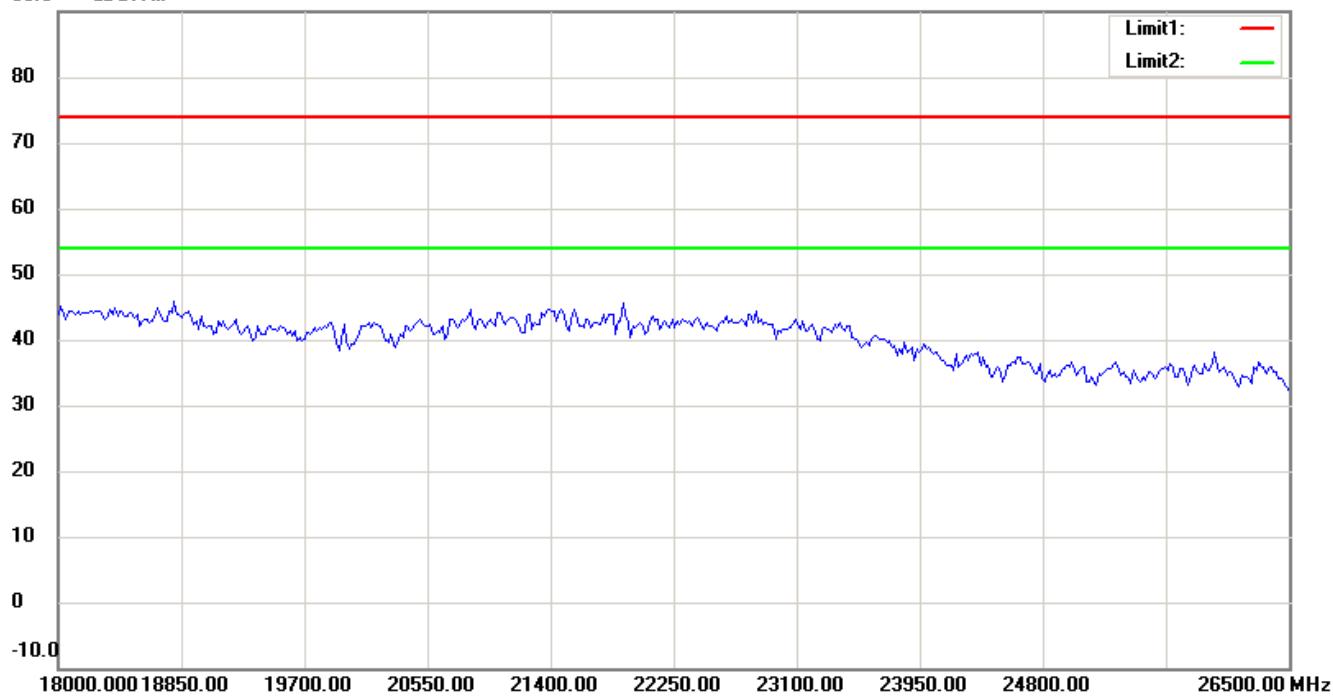


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

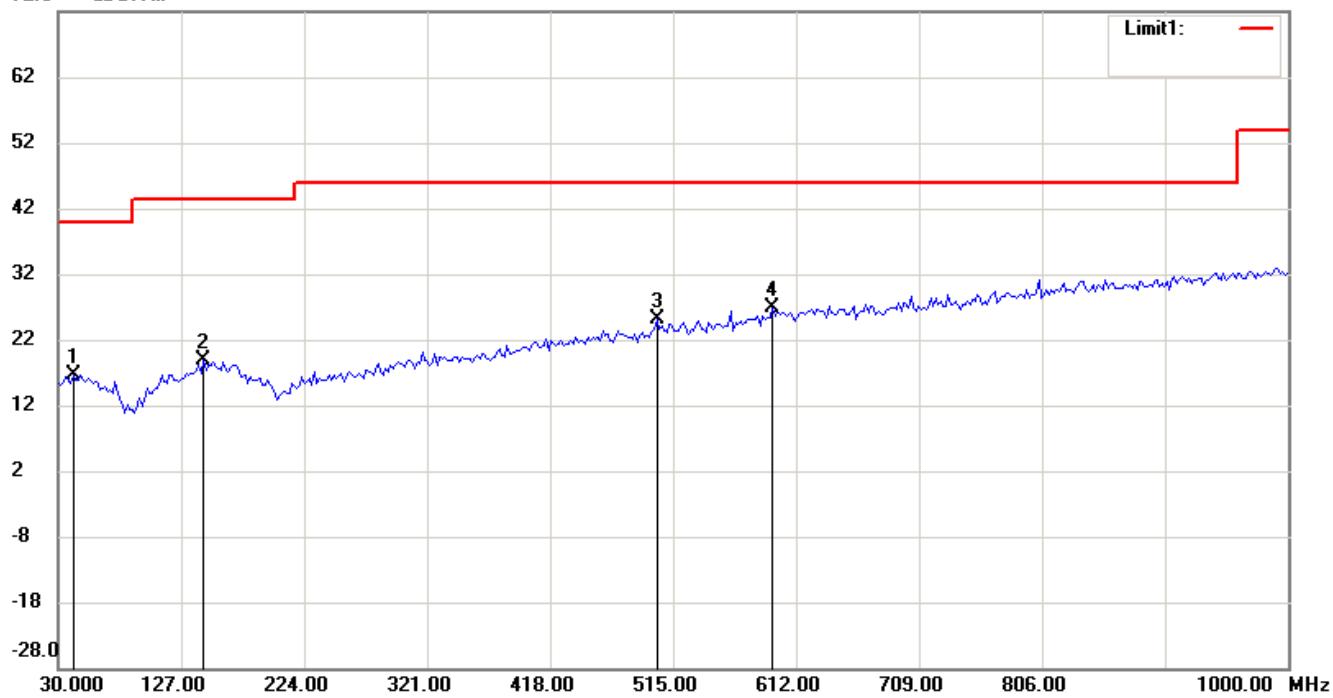
FCC ID: GX9MP

90.0 dBuV/m



Antenna Polarization V

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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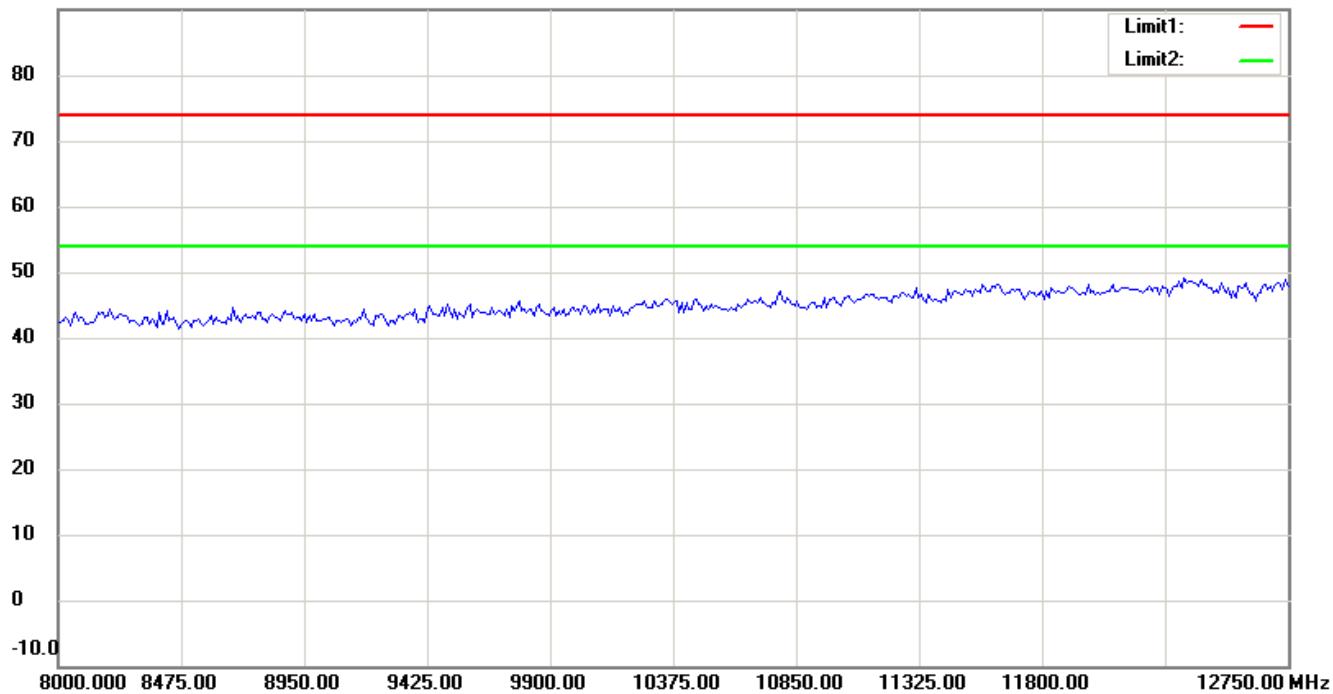
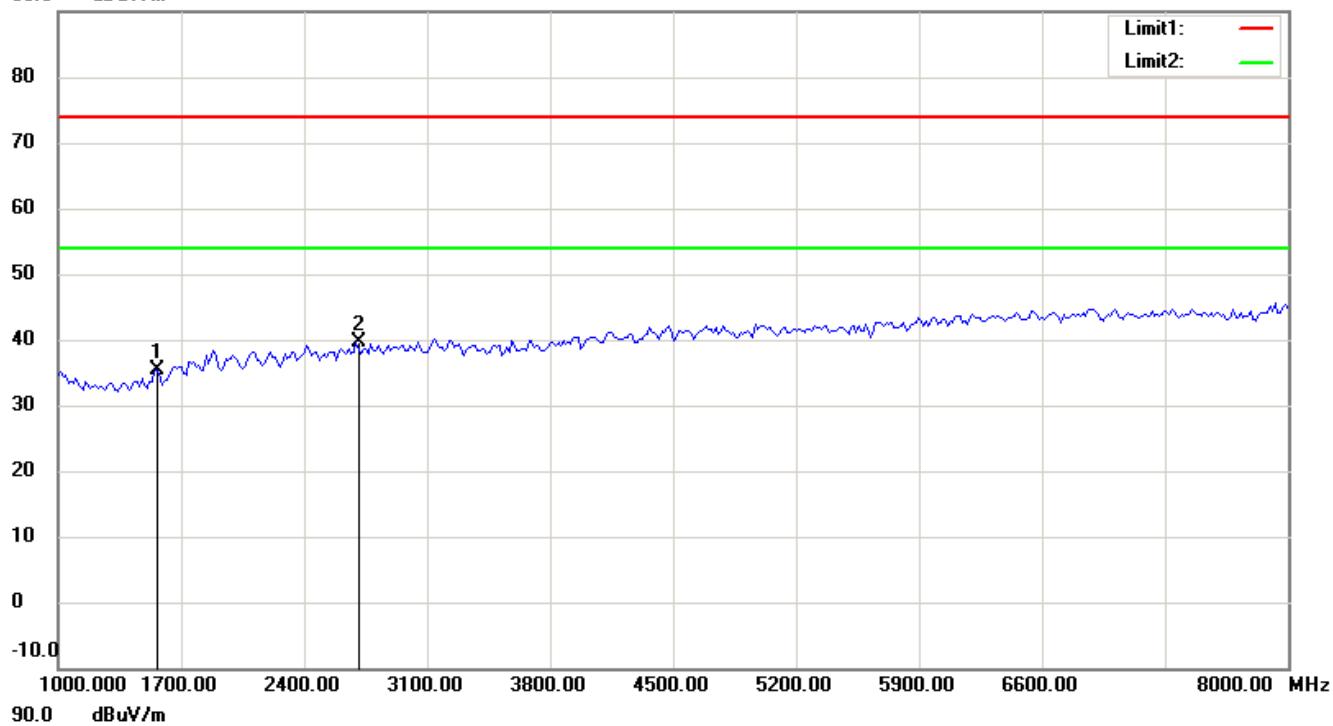


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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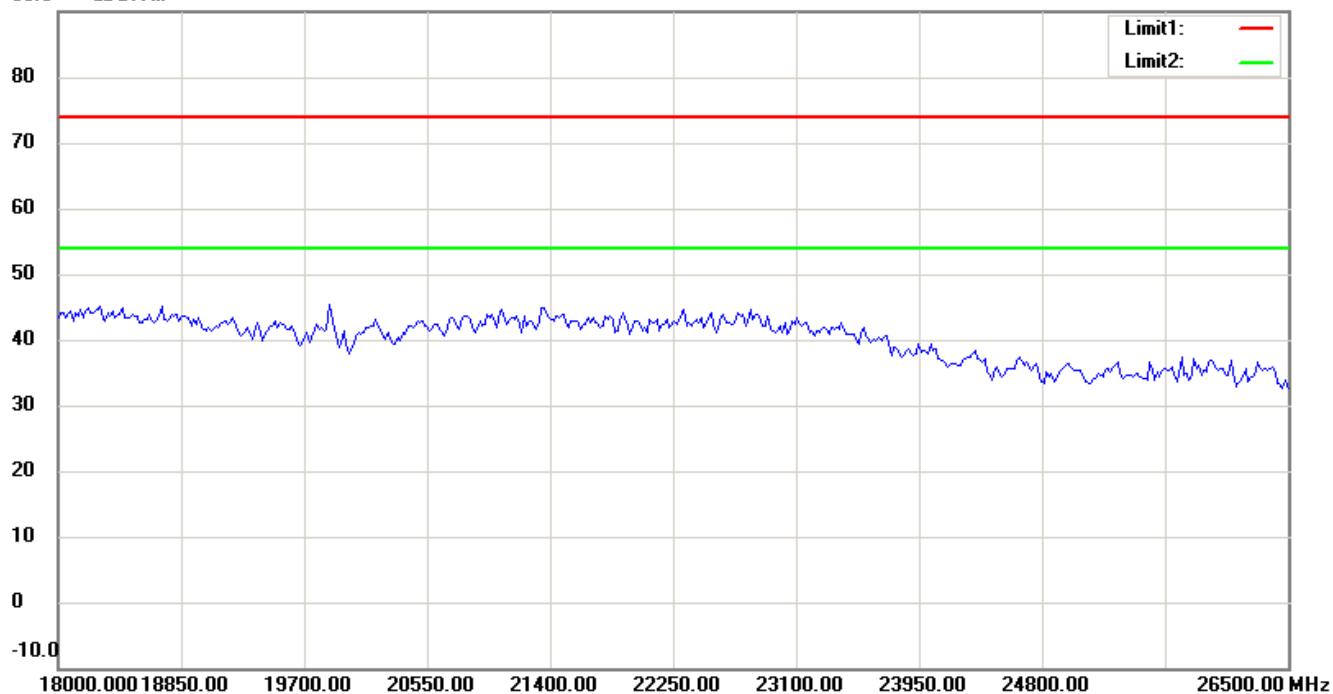
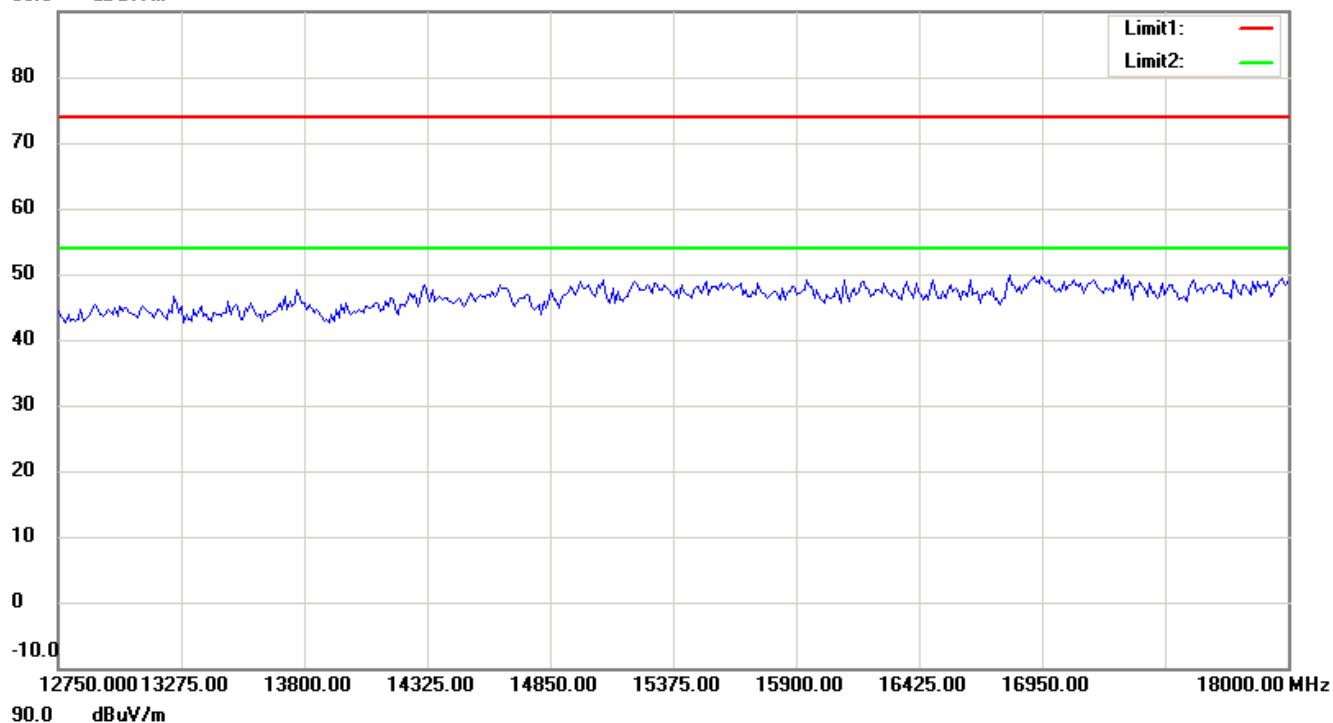


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

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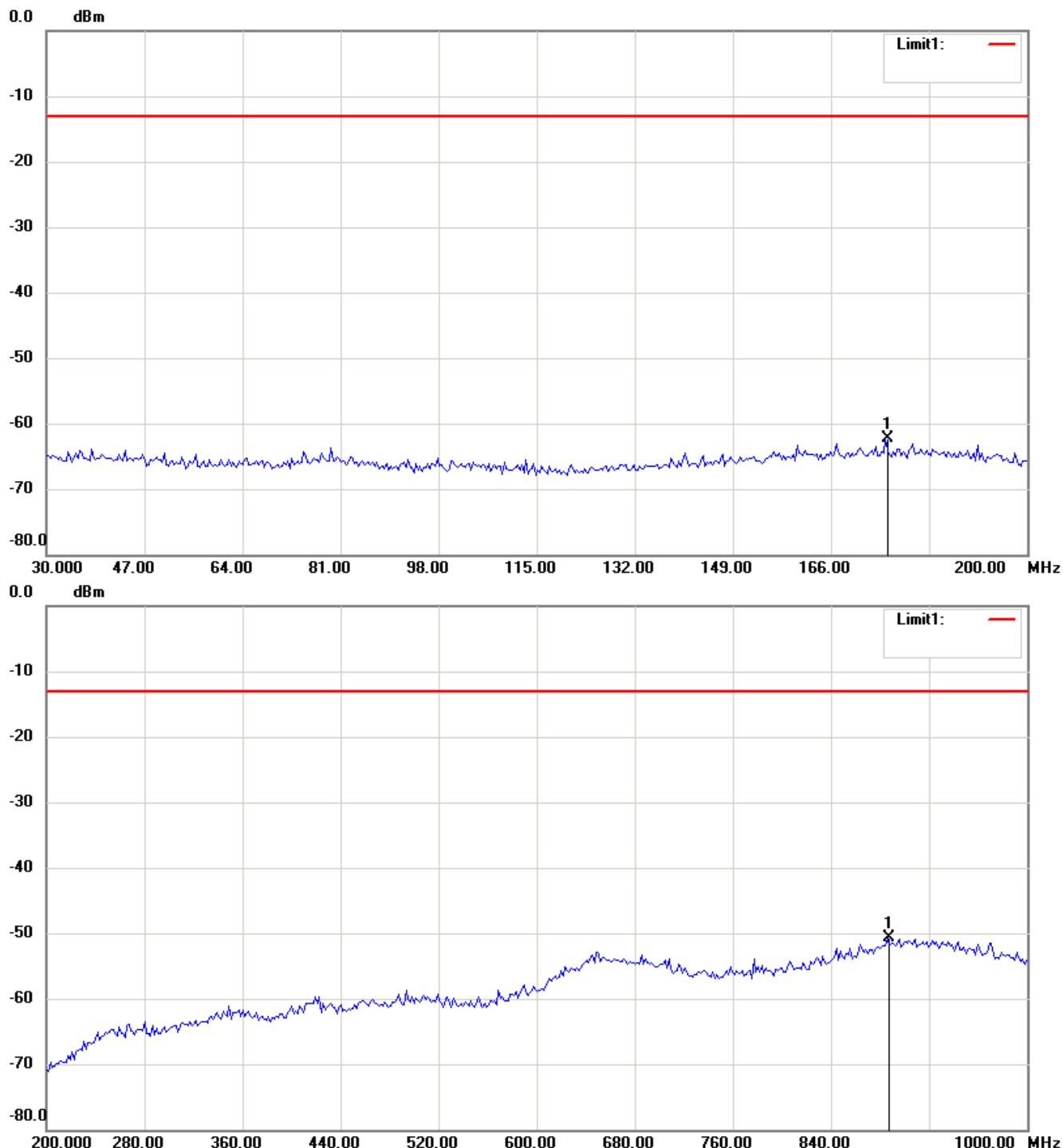
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band V\_CH 4132\_3.5 V

Antenna Polarization H



## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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3. For corrected test results are listed in the relevant table of radiated test data of this test report.

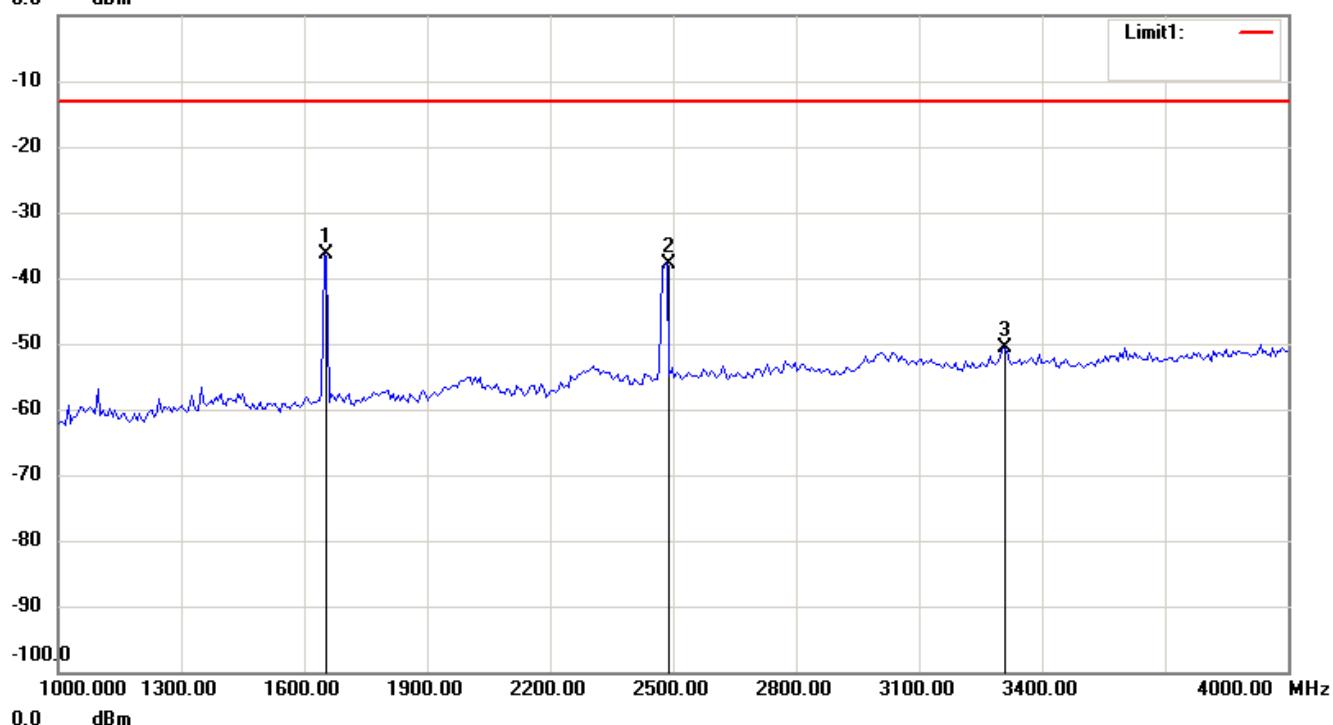


# Worldwide Testing Services(Taiwan) Co., Ltd.

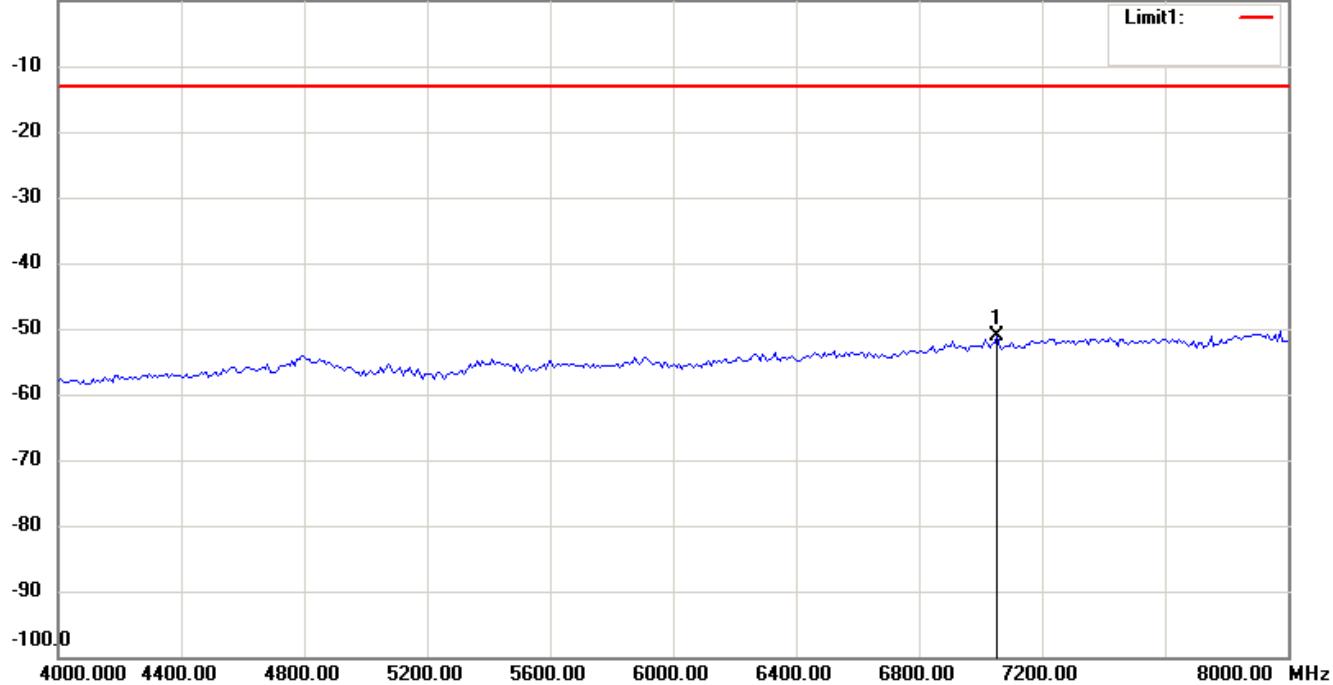
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

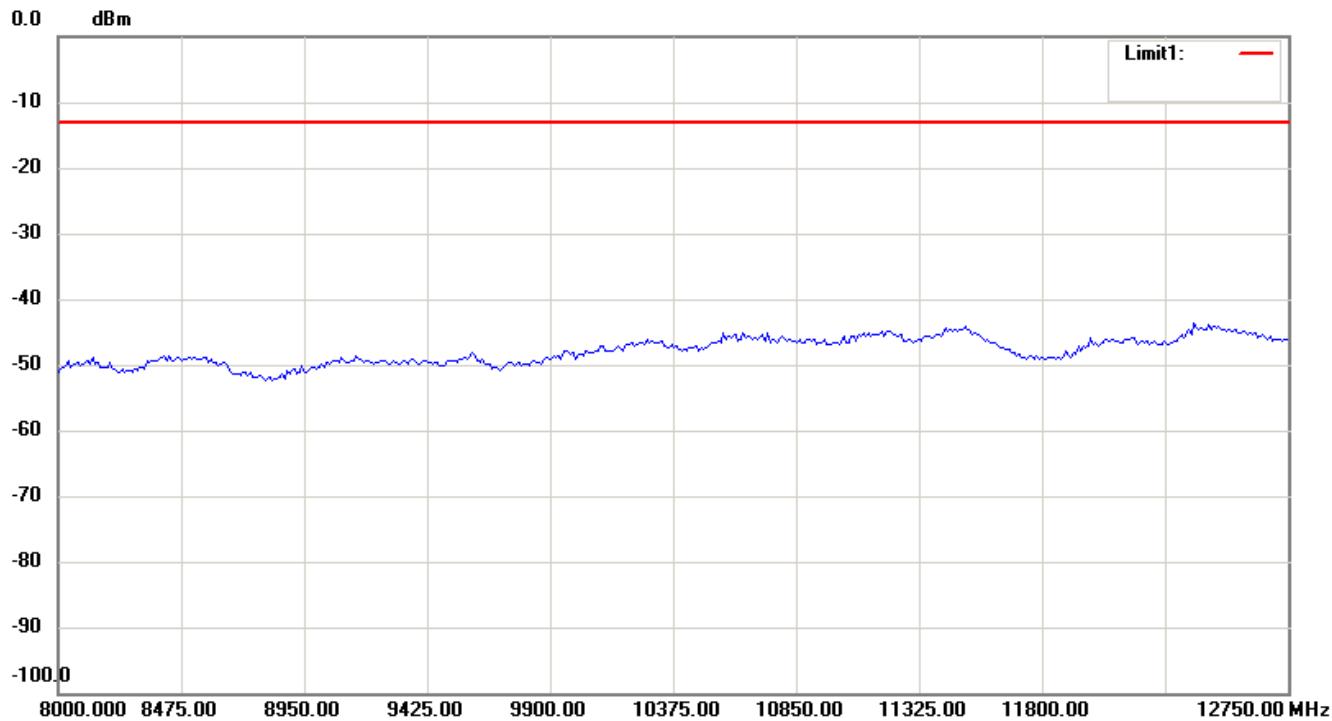
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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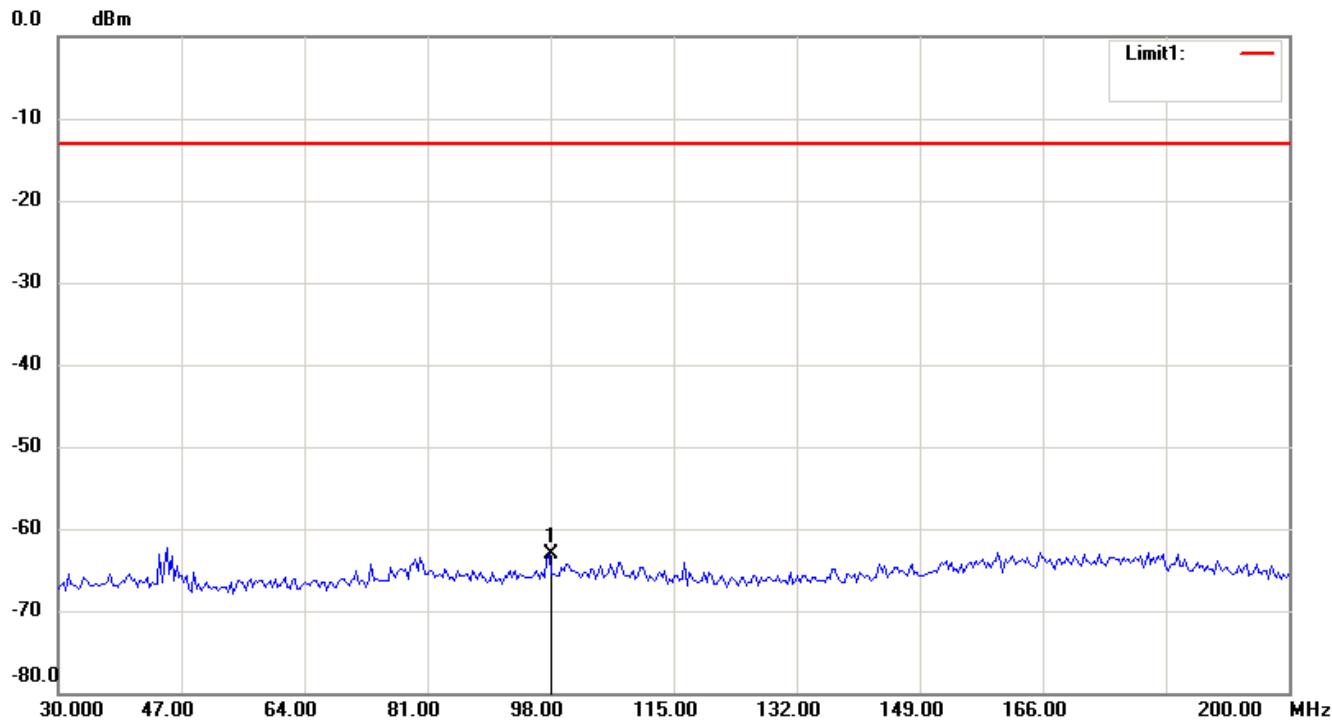
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



Antenna Polarization V



**Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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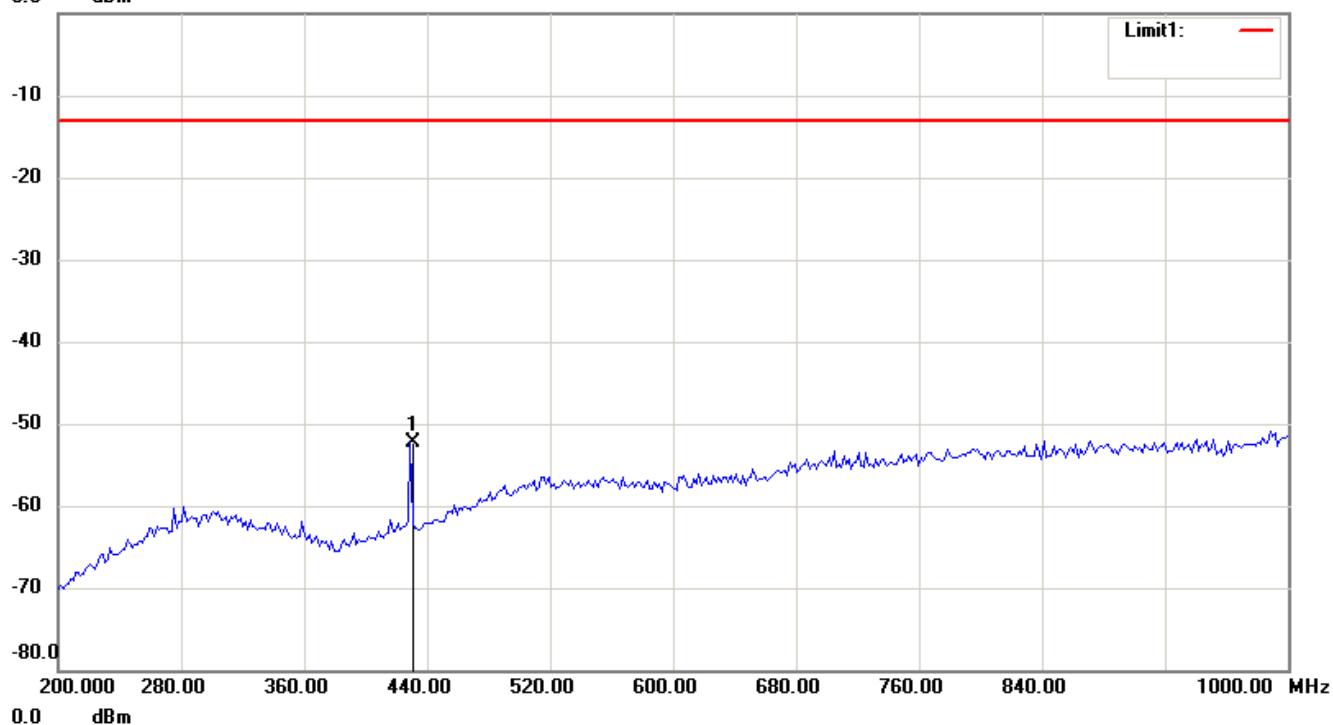


# Worldwide Testing Services(Taiwan) Co., Ltd.

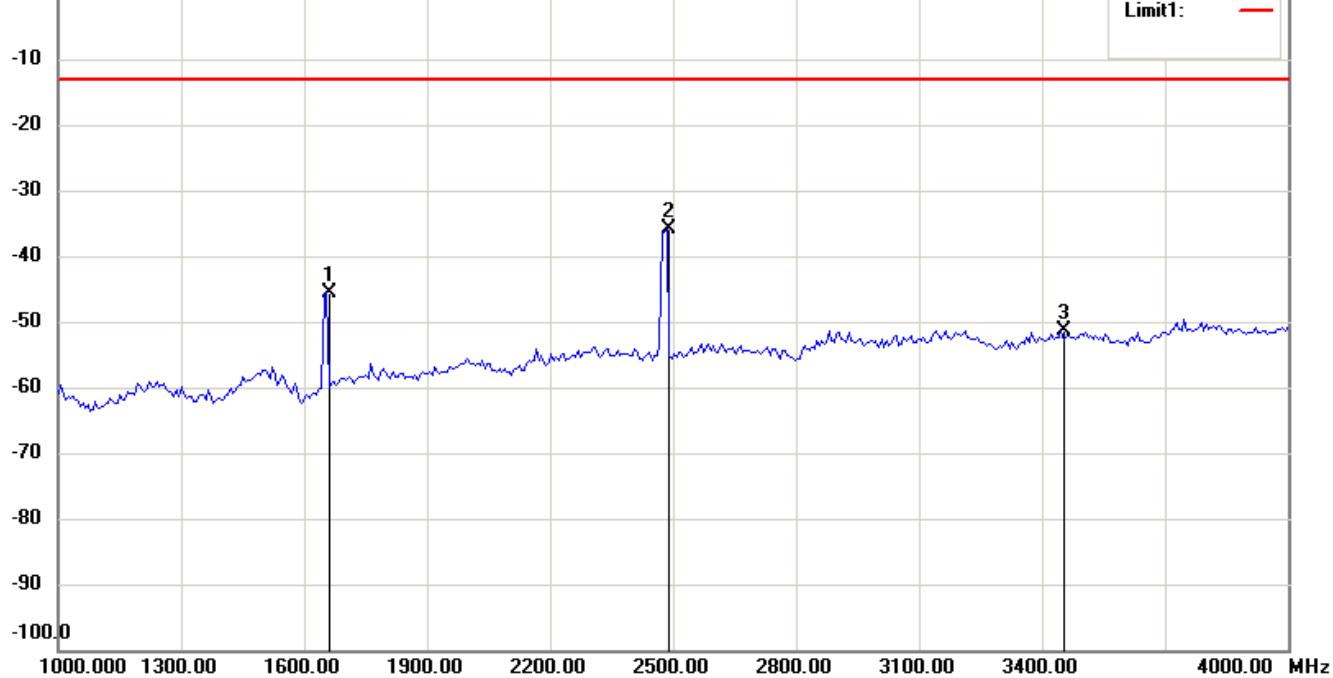
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

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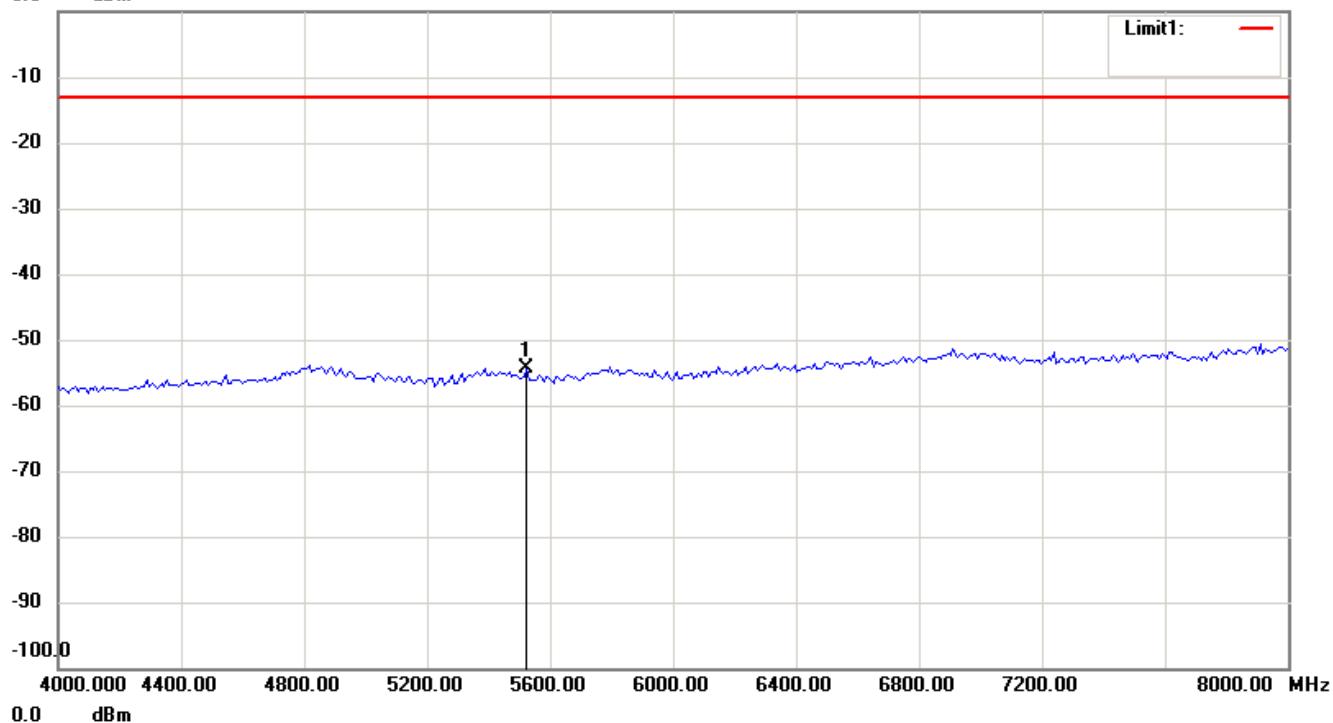


# Worldwide Testing Services(Taiwan) Co., Ltd.

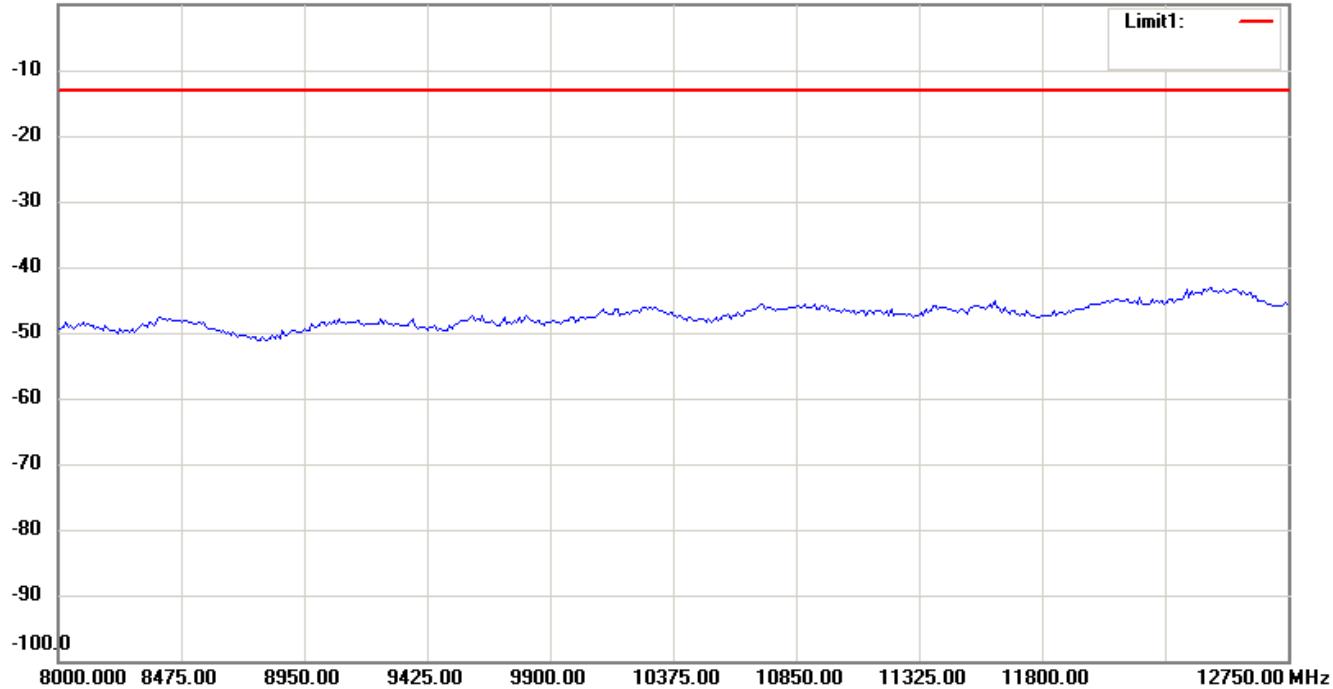
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

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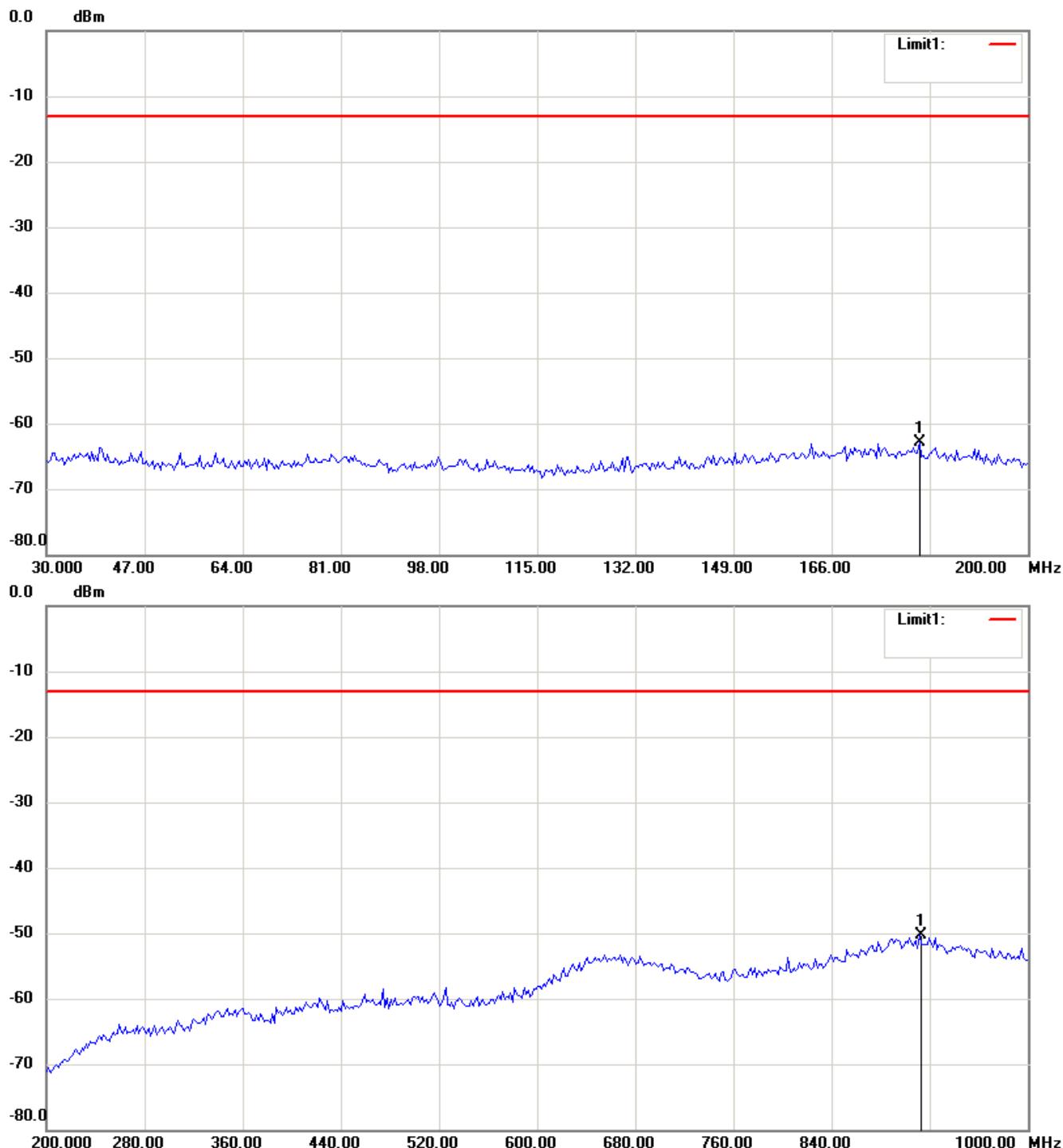
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band V\_CH 4132\_4.07 V

Antenna Polarization H



## Note:

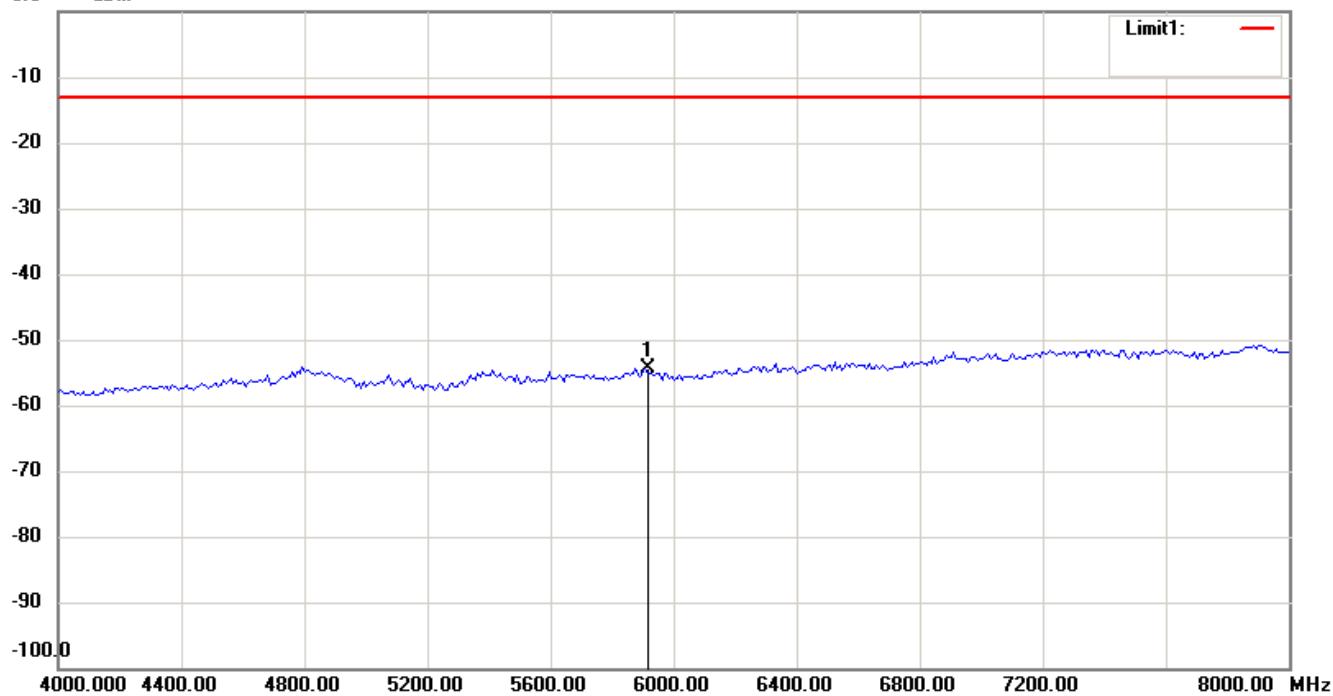
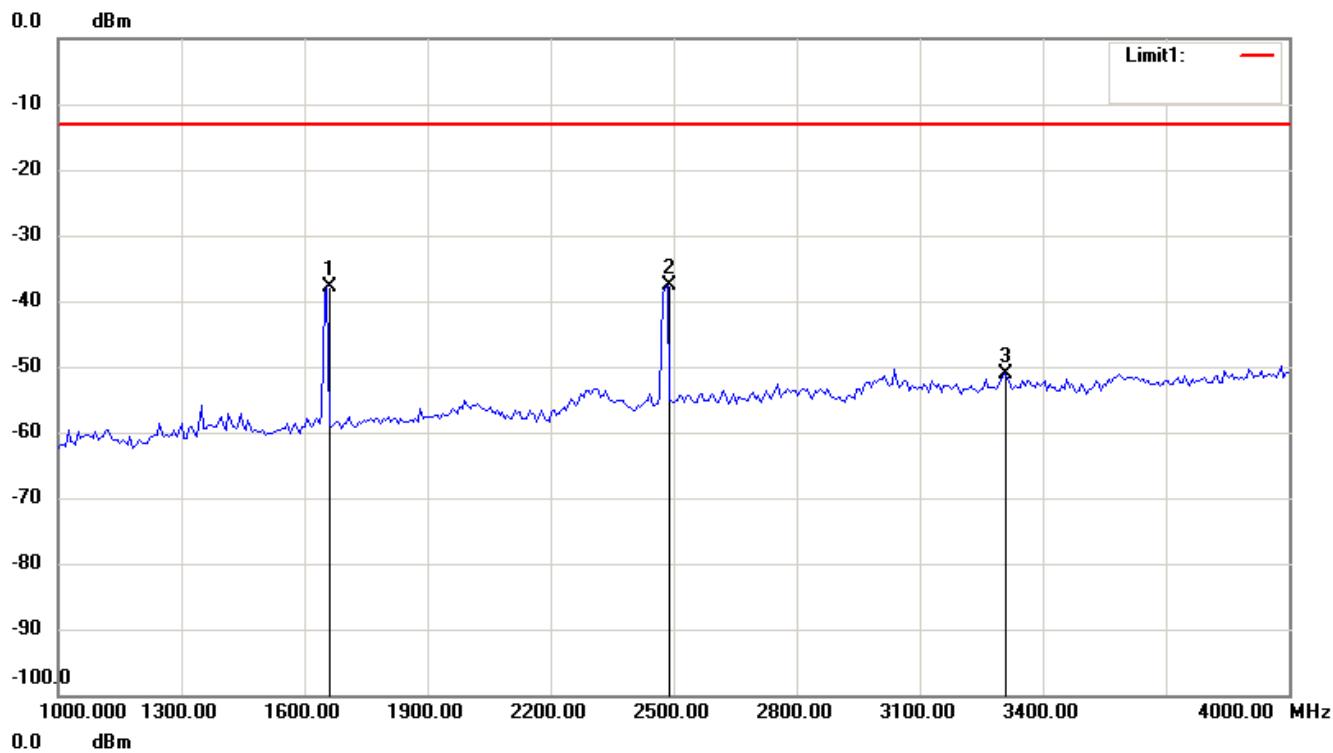
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# Worldwide Testing Services(Taiwan) Co., Ltd.

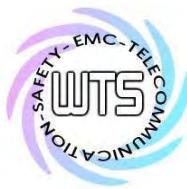
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



## Note:

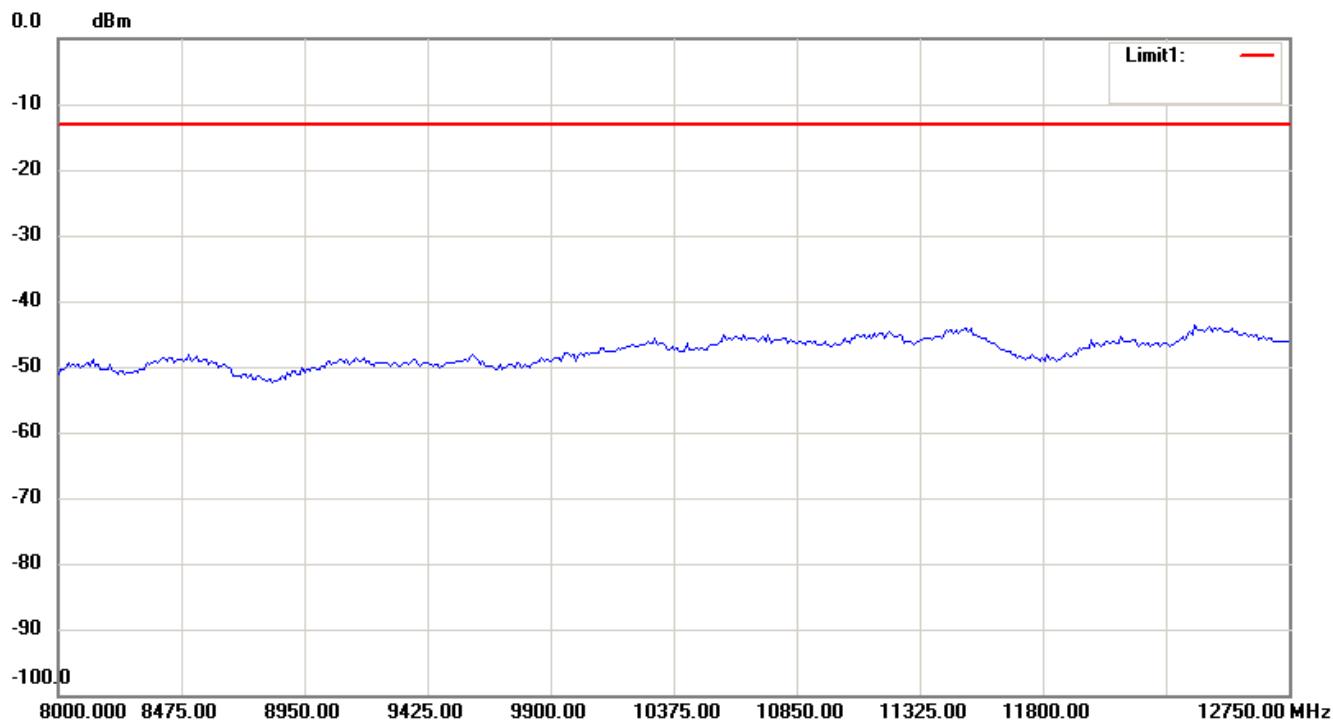
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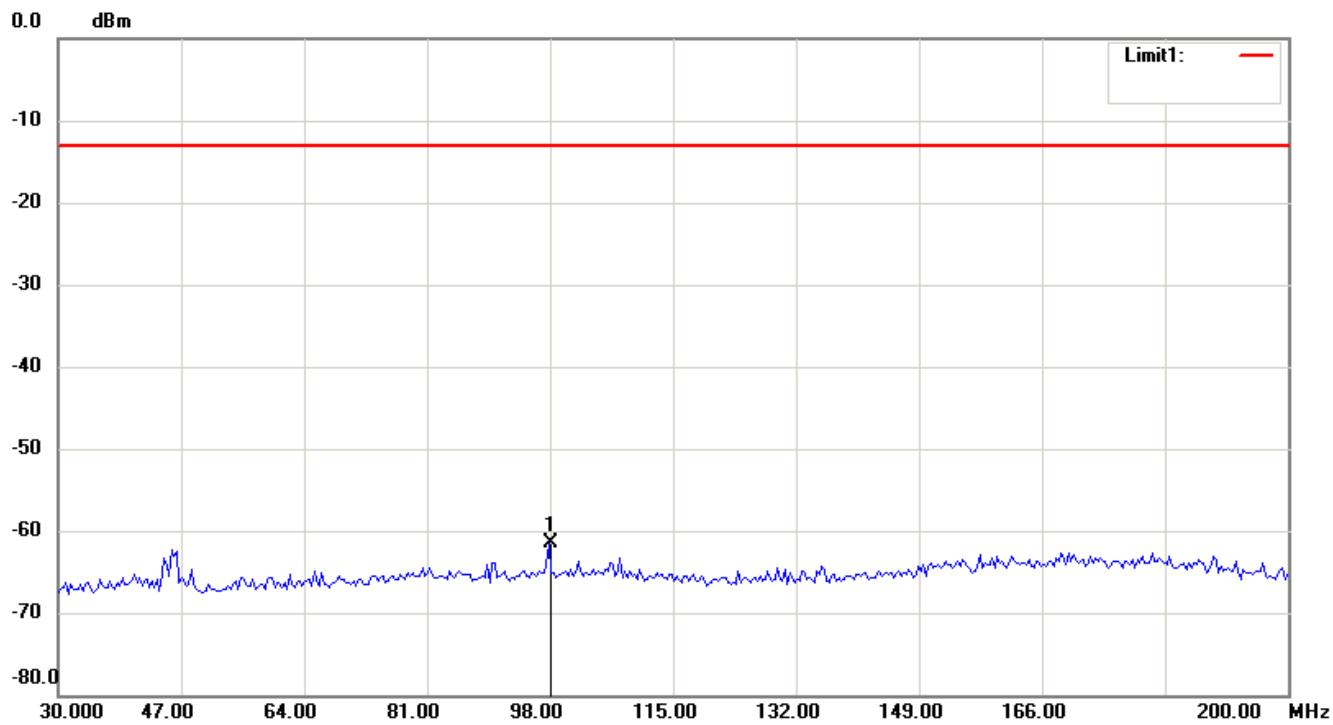
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



Antenna Polarization V



**Note:**

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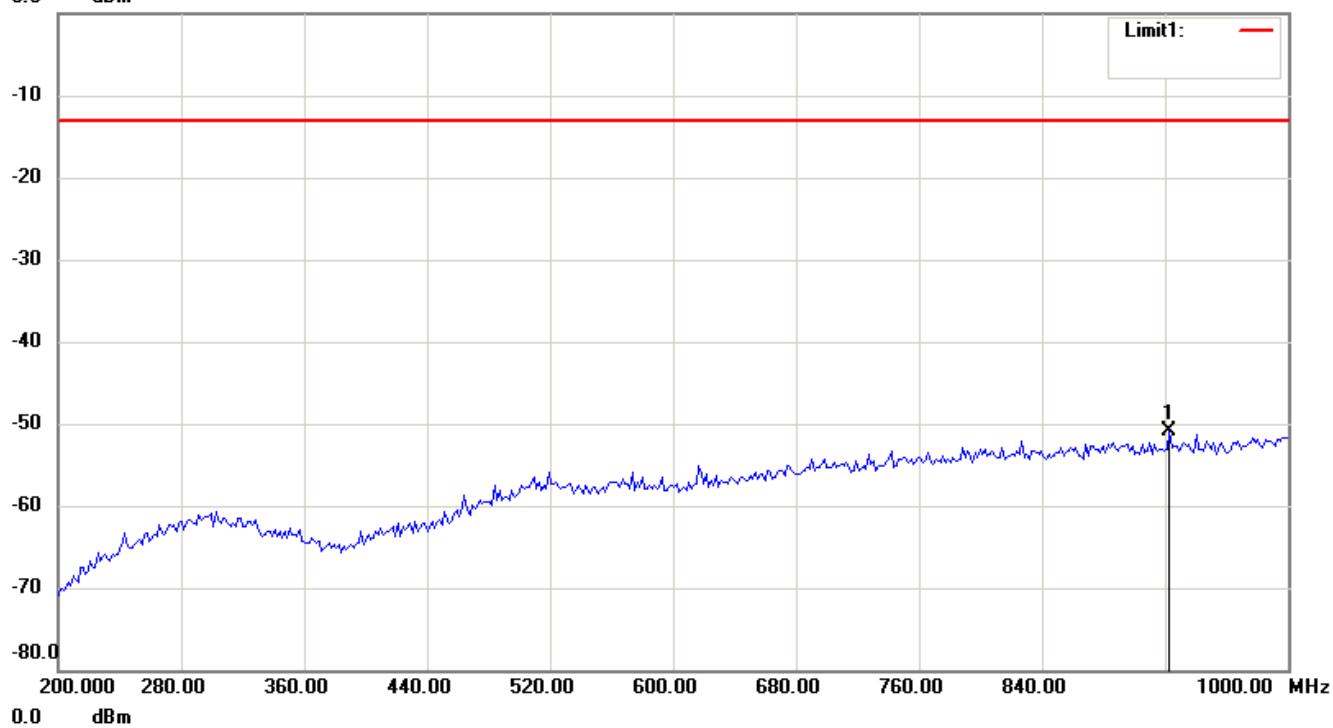


# Worldwide Testing Services(Taiwan) Co., Ltd.

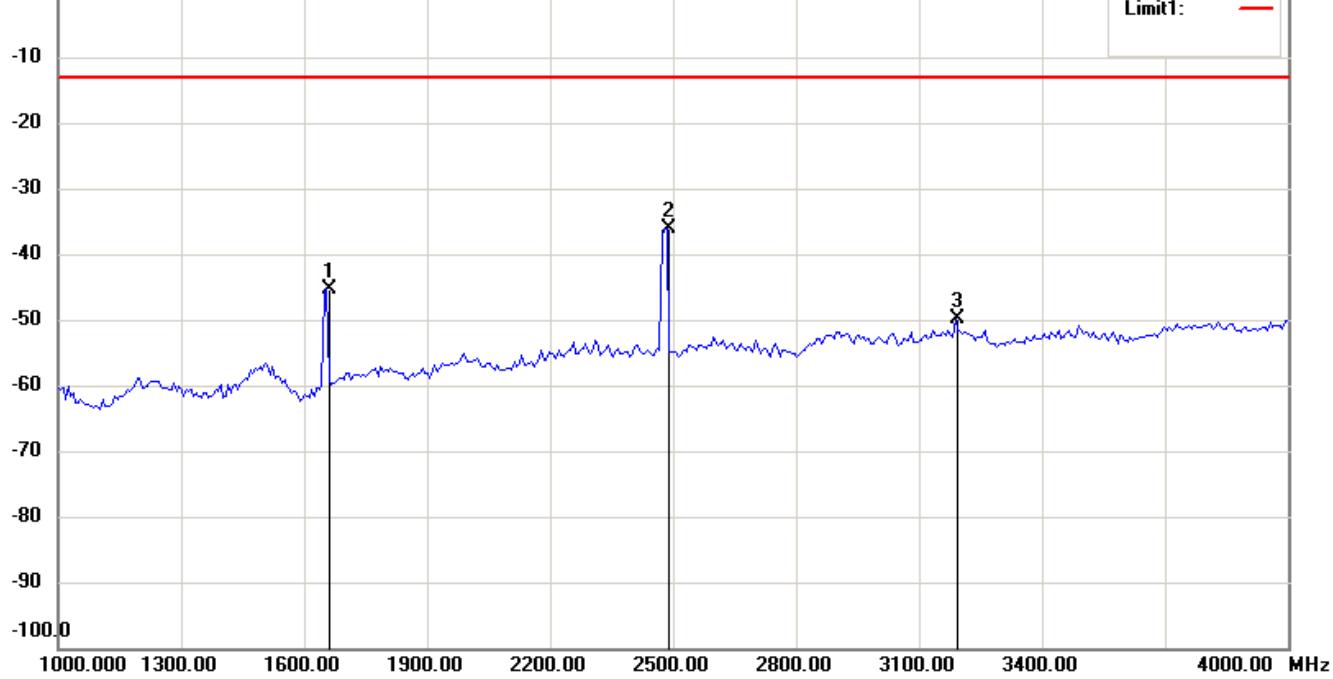
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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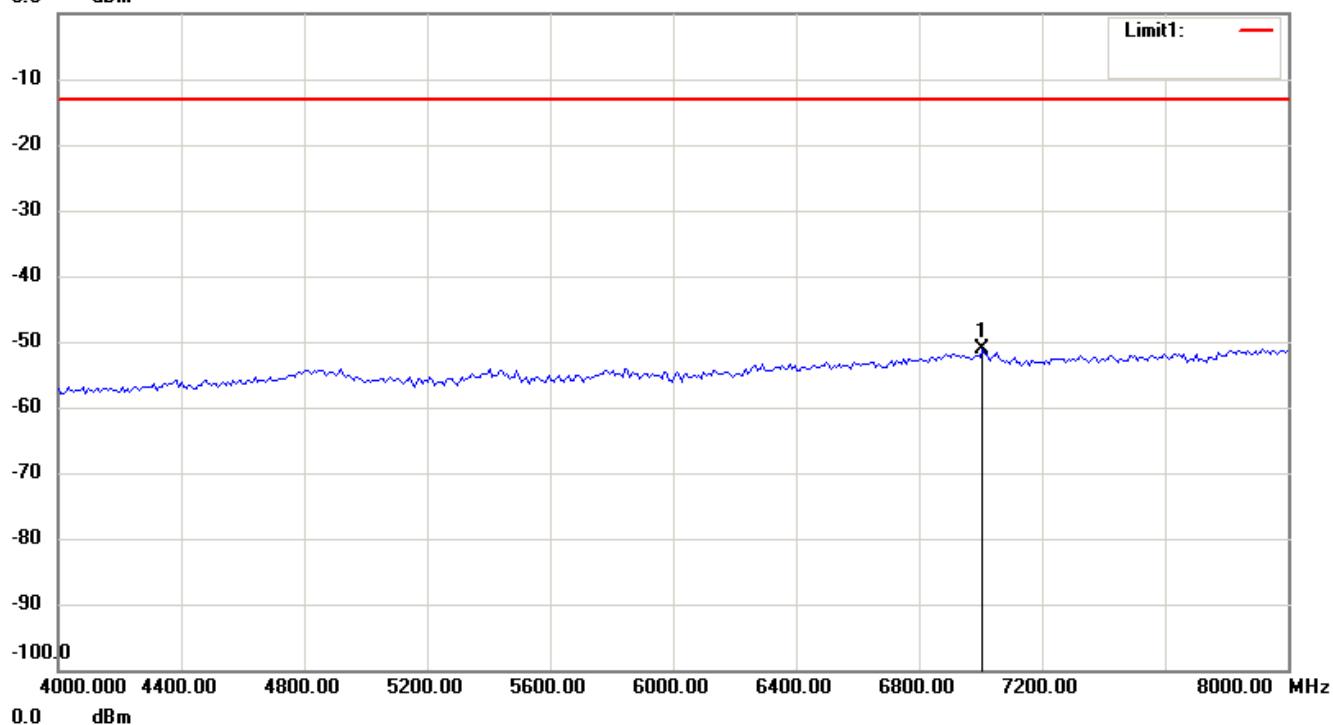


# Worldwide Testing Services(Taiwan) Co., Ltd.

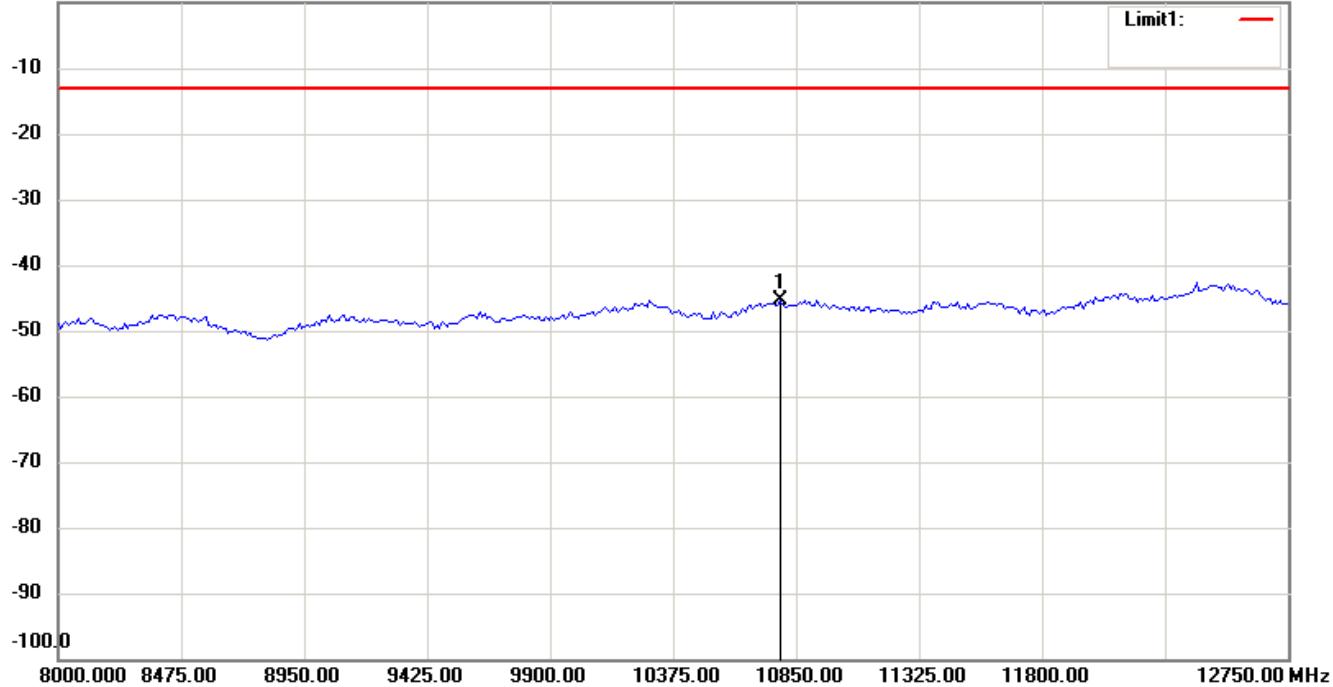
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

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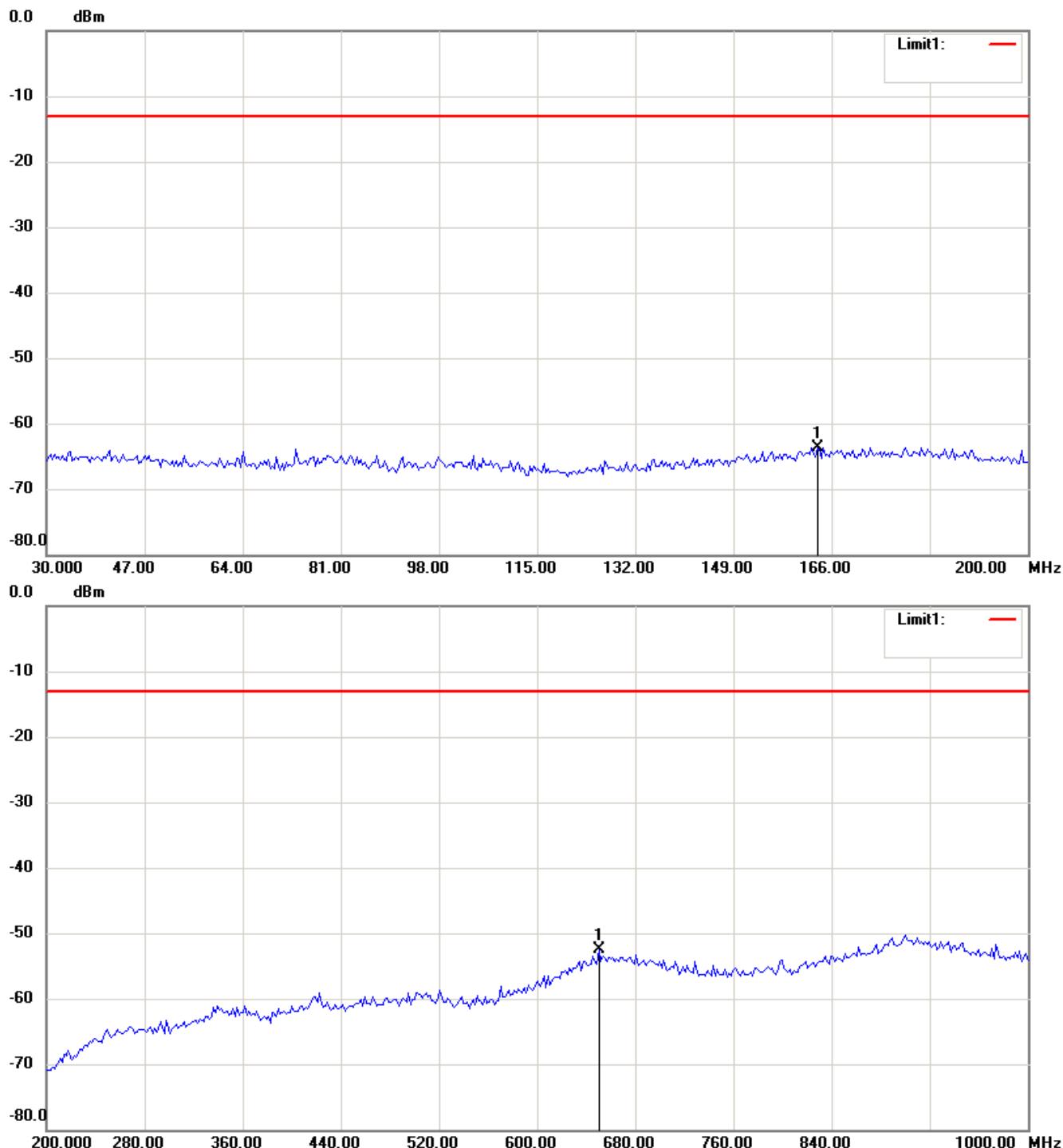
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band V\_CH 4183\_3.5 V

Antenna Polarization H



## Note:

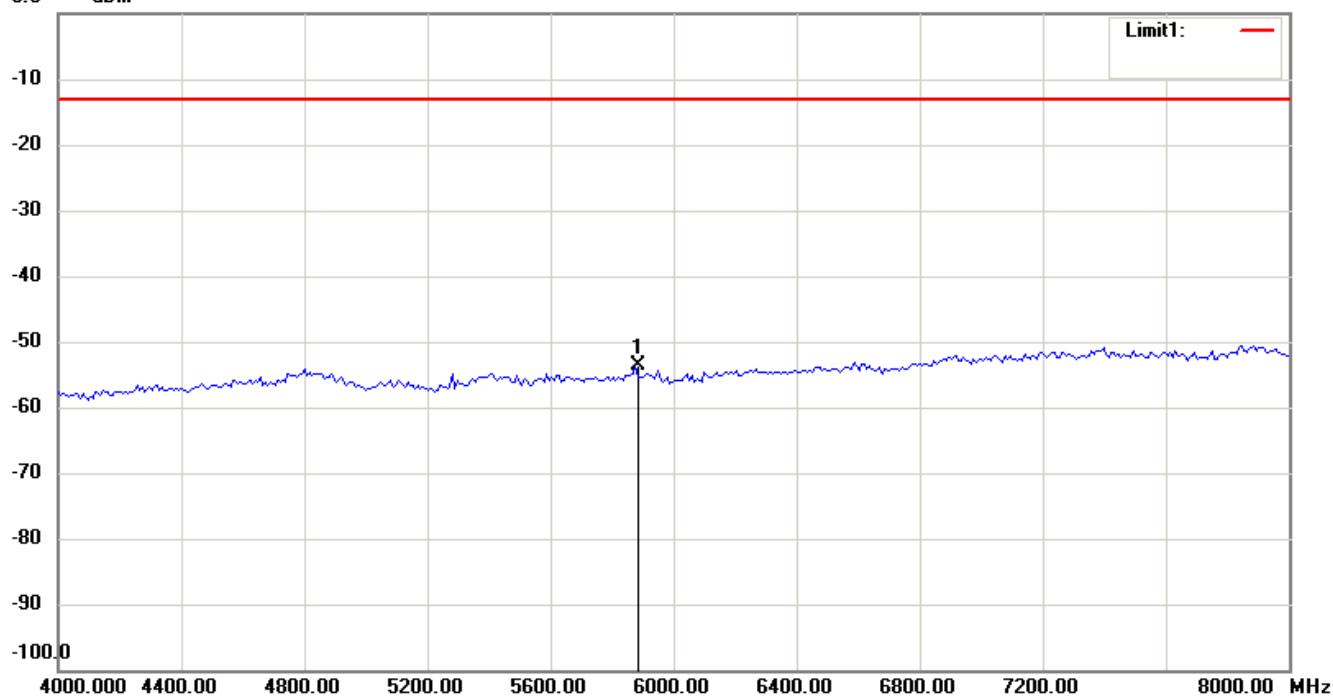
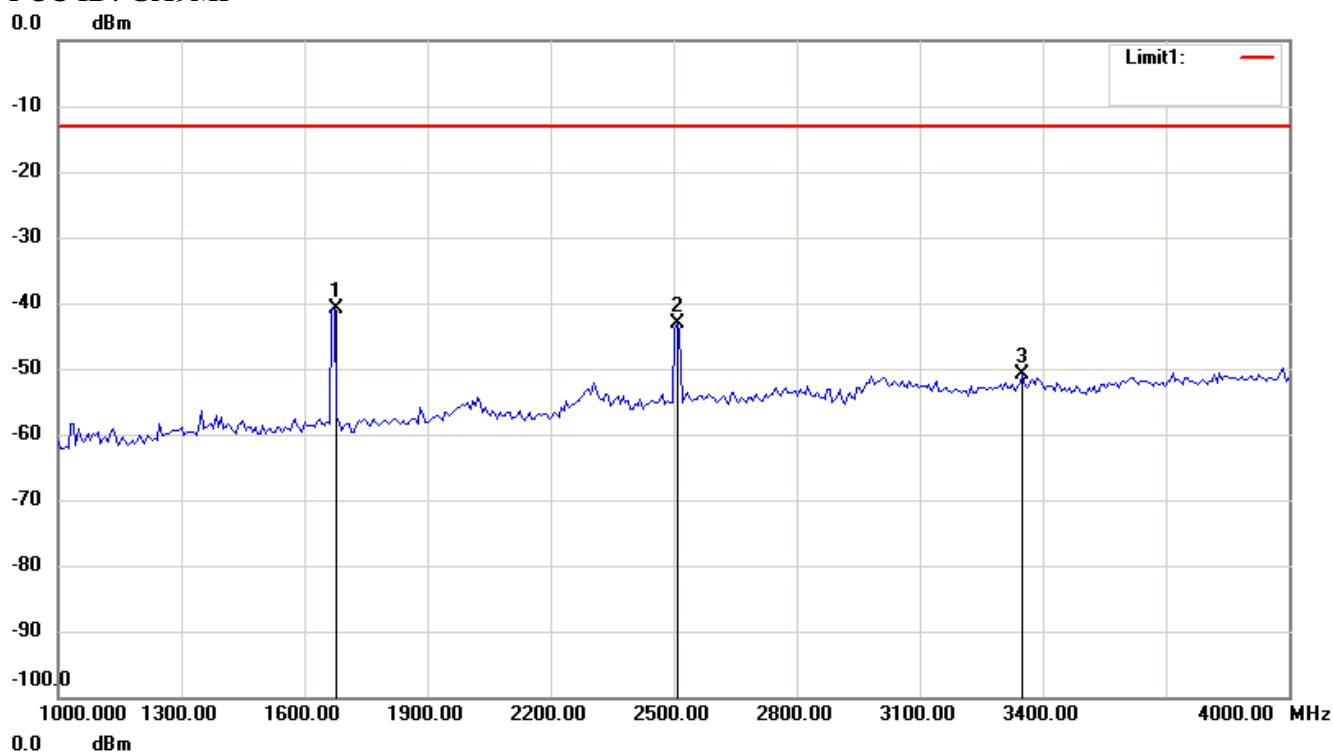
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# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



## Note:

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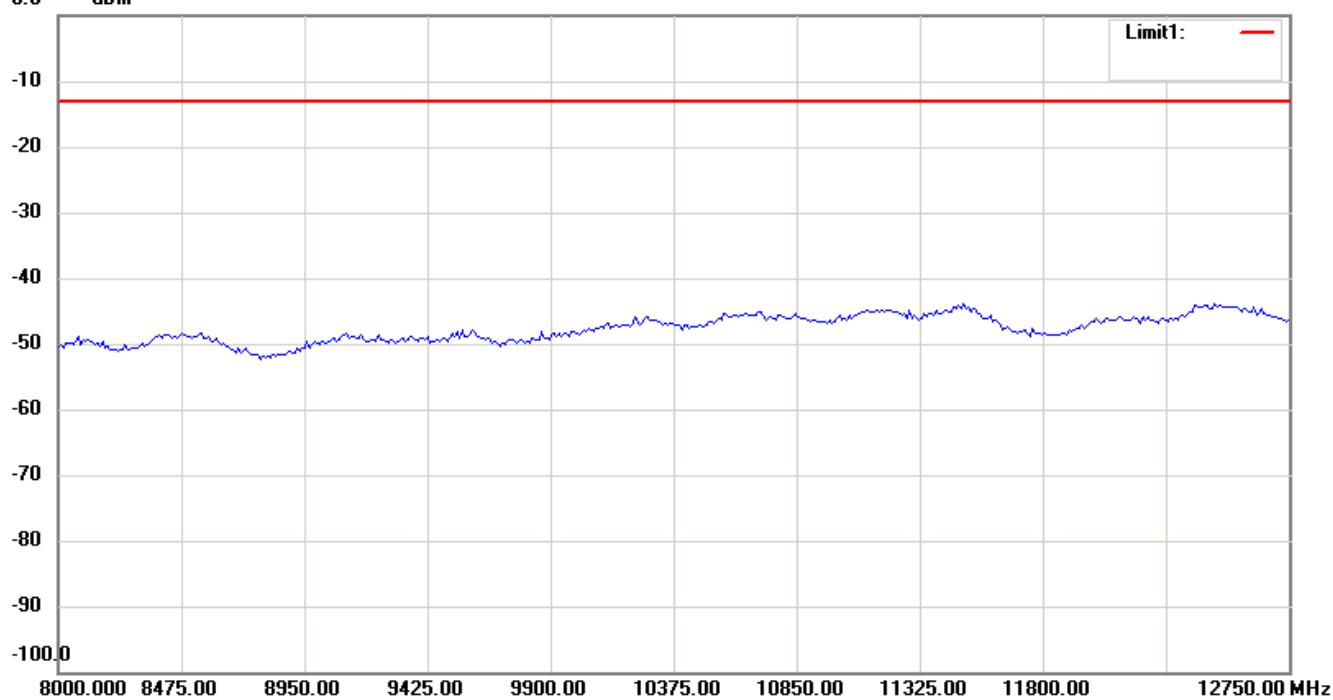


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

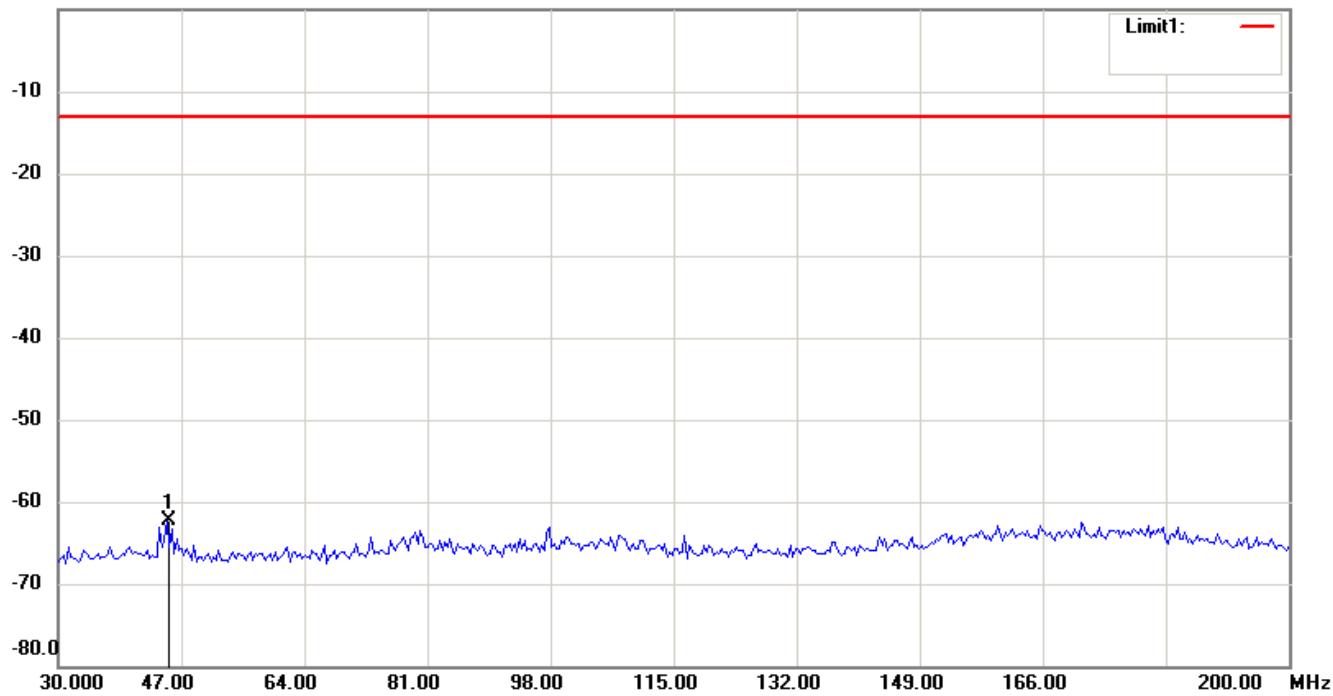
FCC ID: GX9MP

0.0 dBm



Antenna Polarization V

0.0 dBm



## Note:

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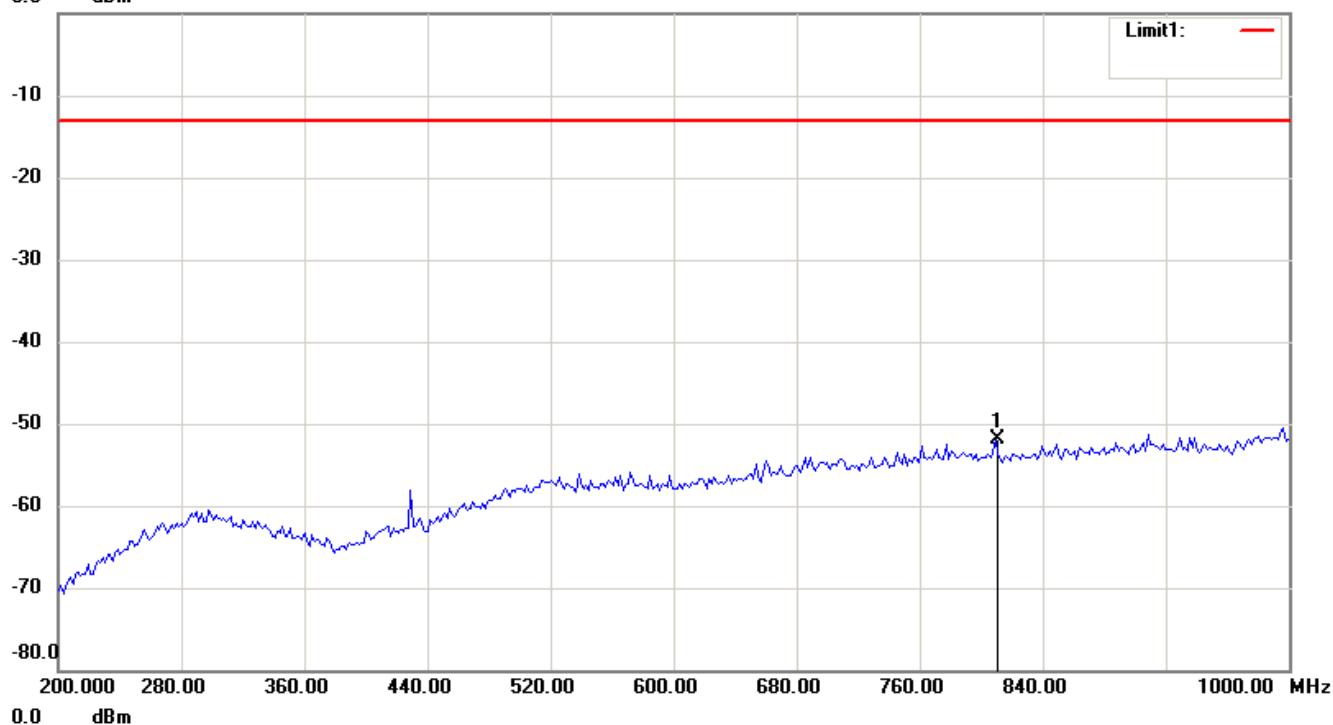


# Worldwide Testing Services(Taiwan) Co., Ltd.

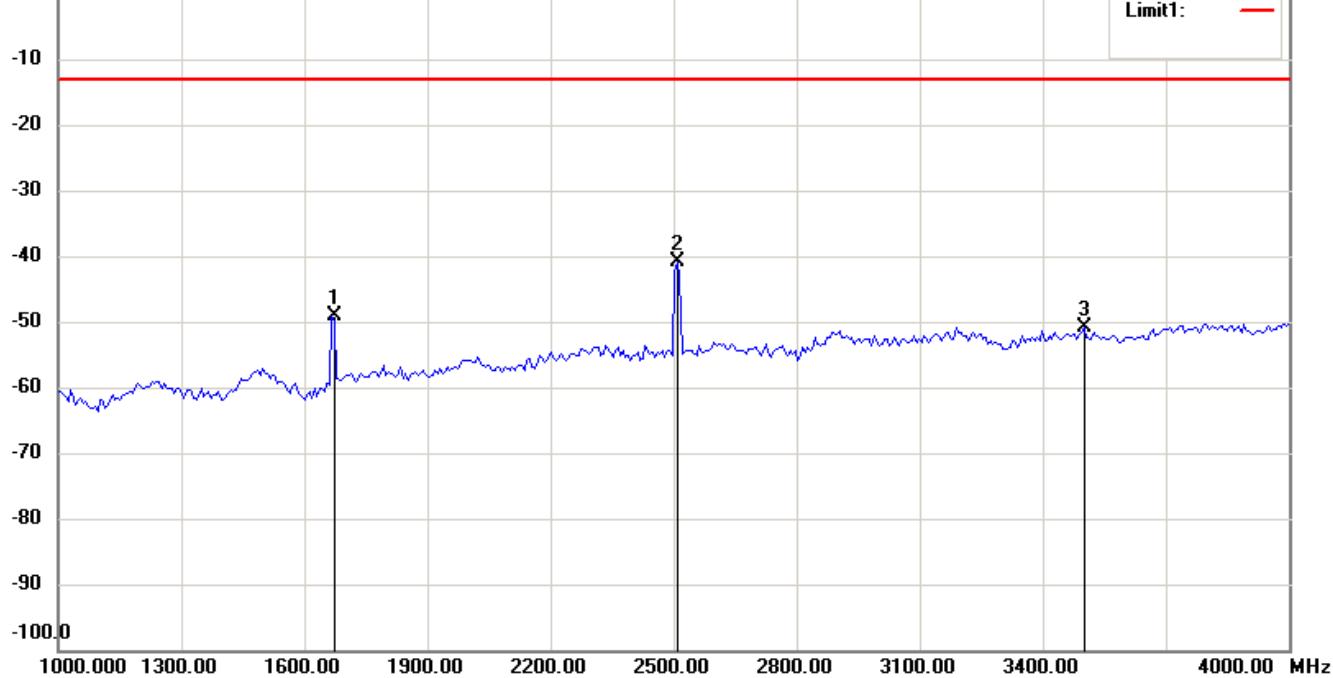
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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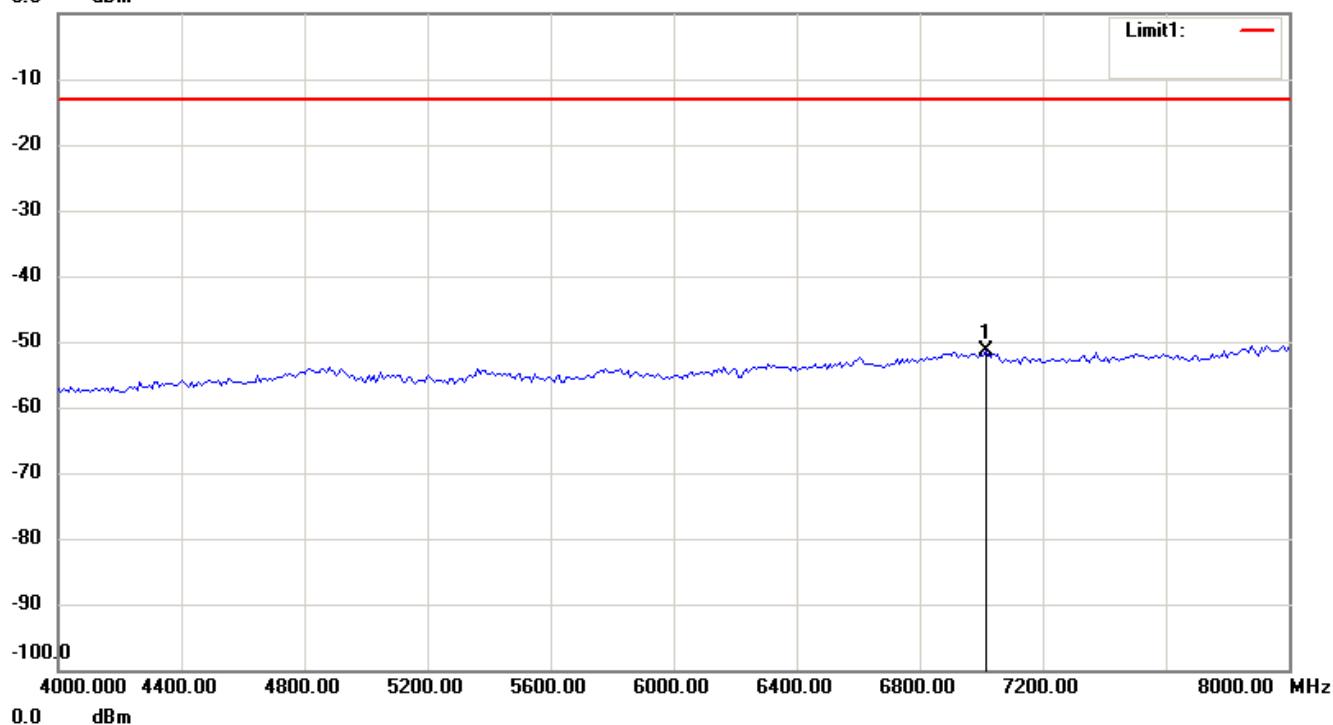


# Worldwide Testing Services(Taiwan) Co., Ltd.

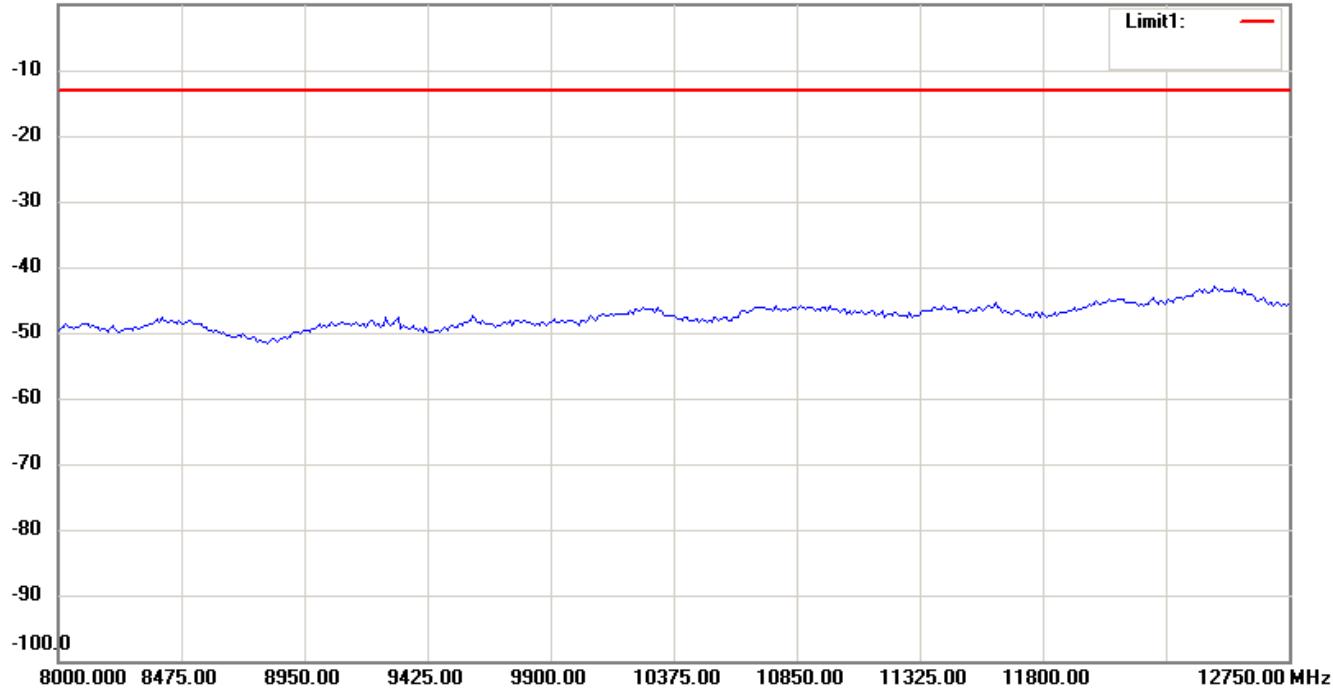
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



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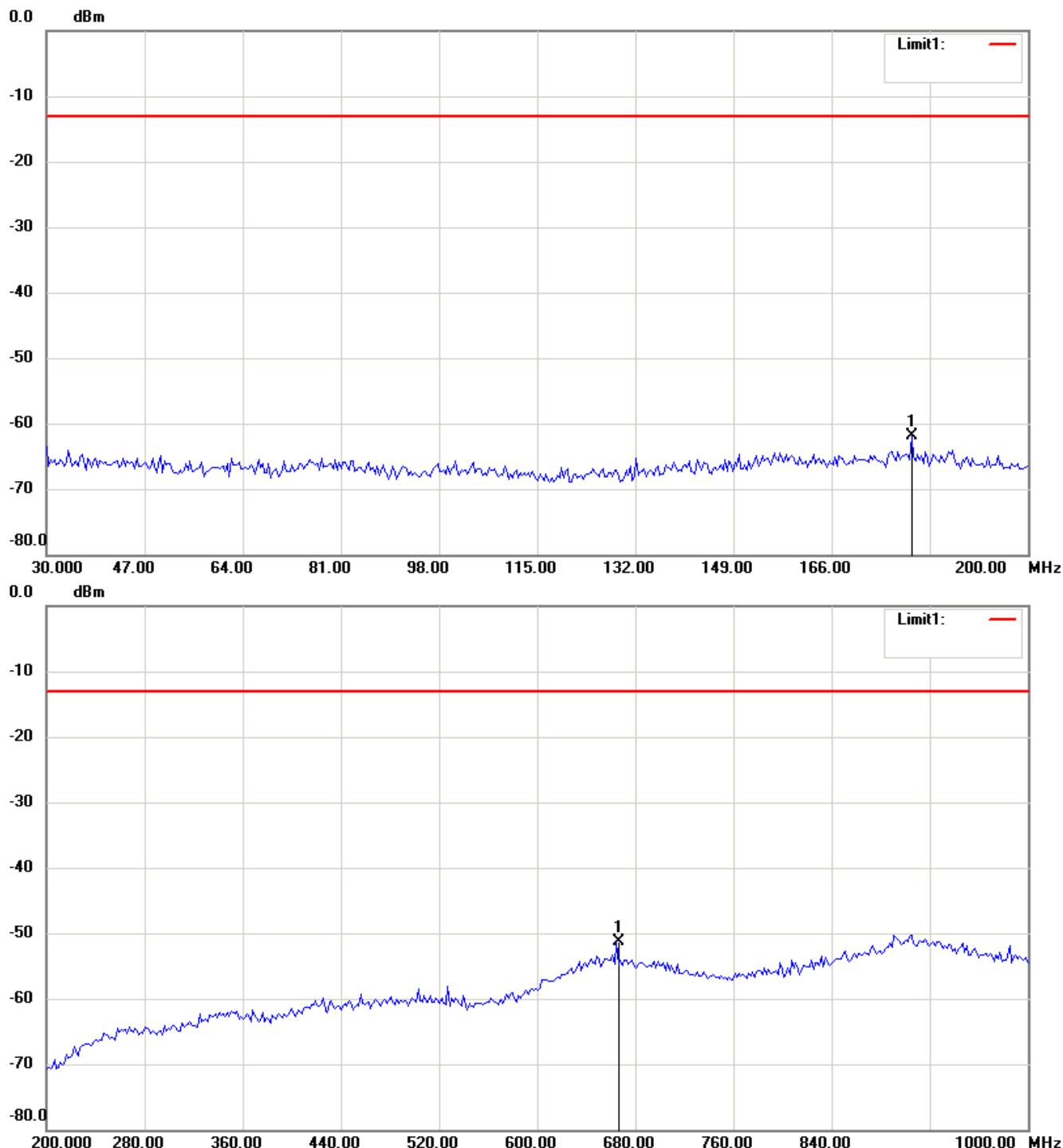
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band V\_CH4183\_4.07 V

Antenna Polarization H



## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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3. For corrected test results are listed in the relevant table of radiated test data of this test report.

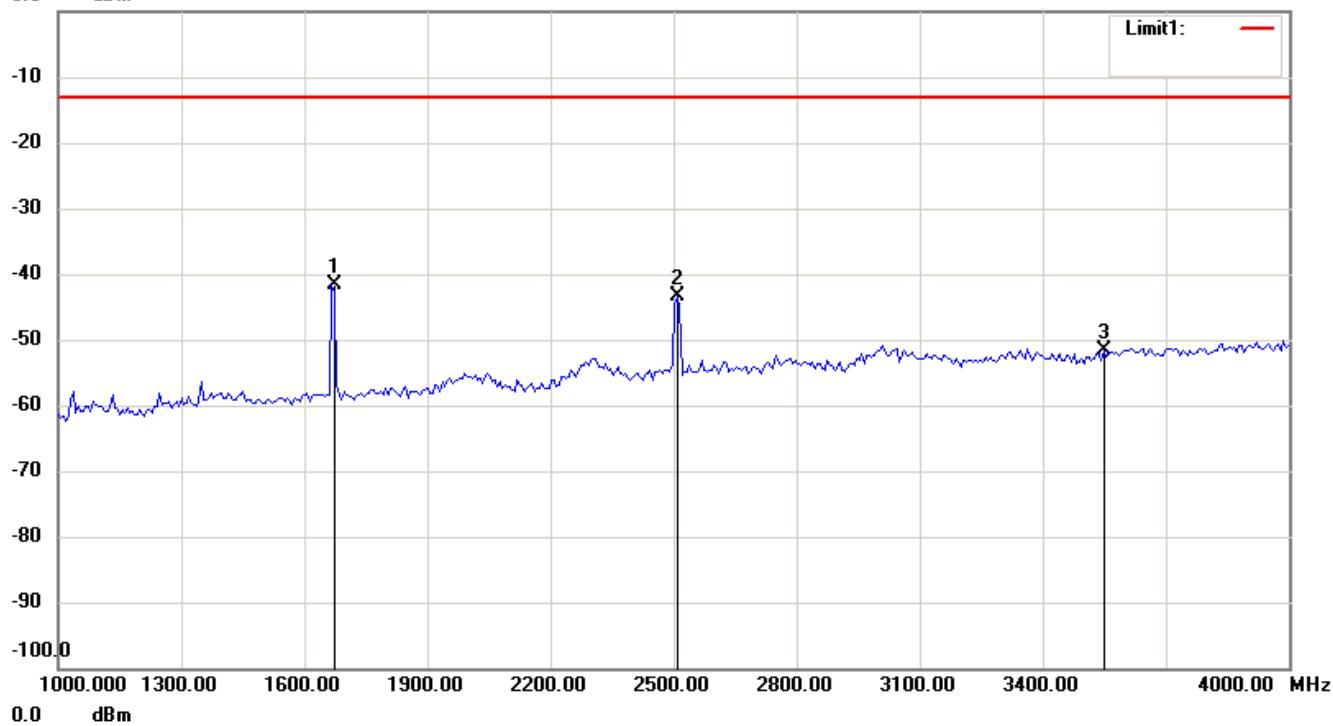


# Worldwide Testing Services(Taiwan) Co., Ltd.

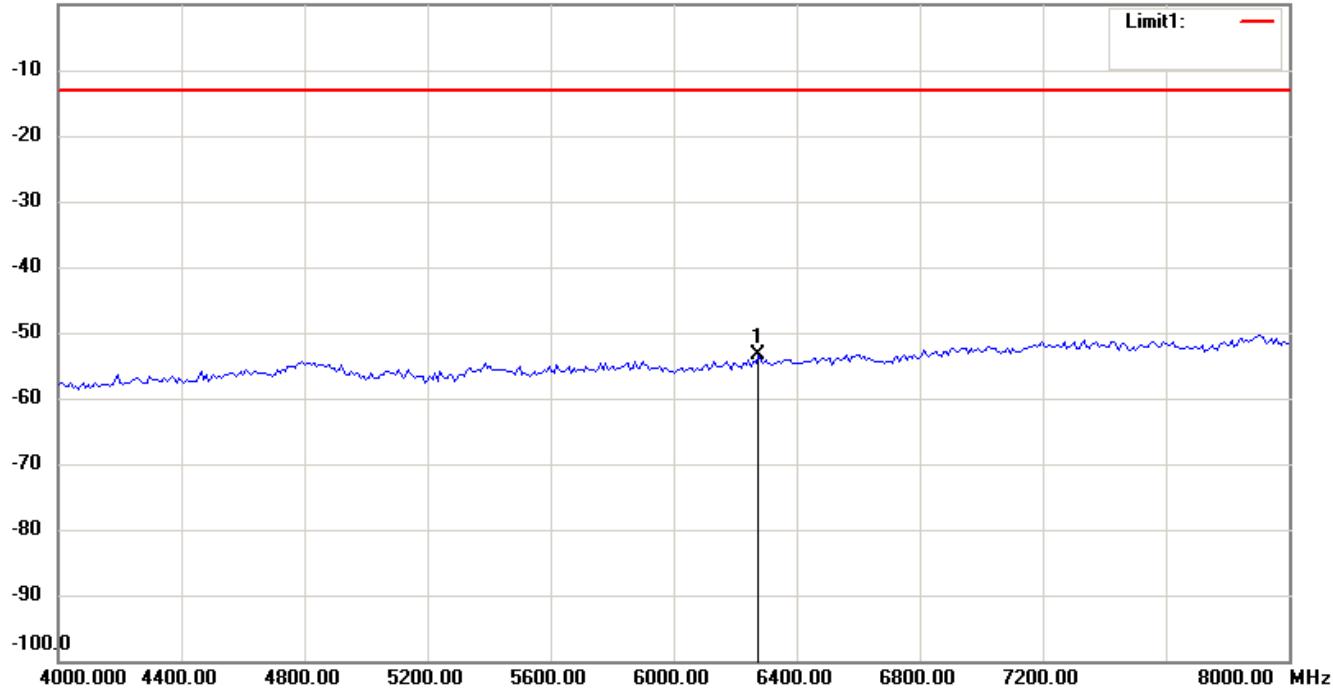
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

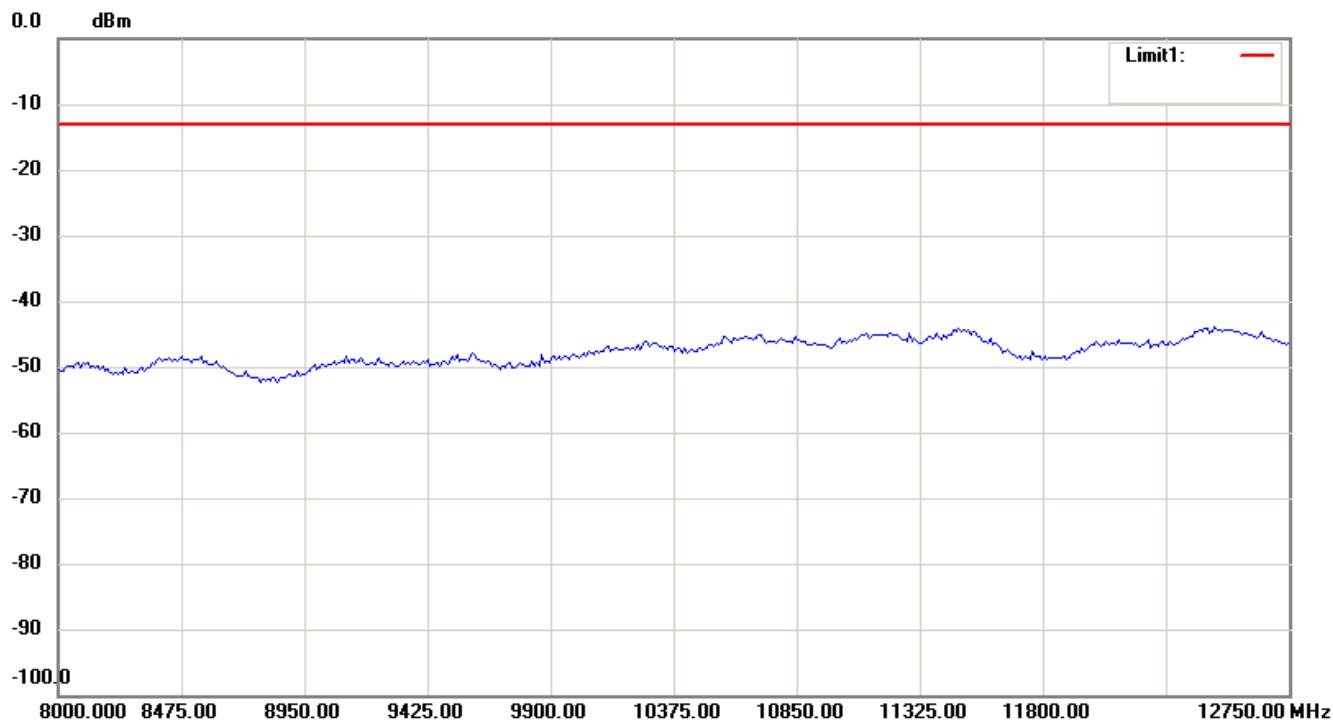
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# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



## Antenna Polarization V



### Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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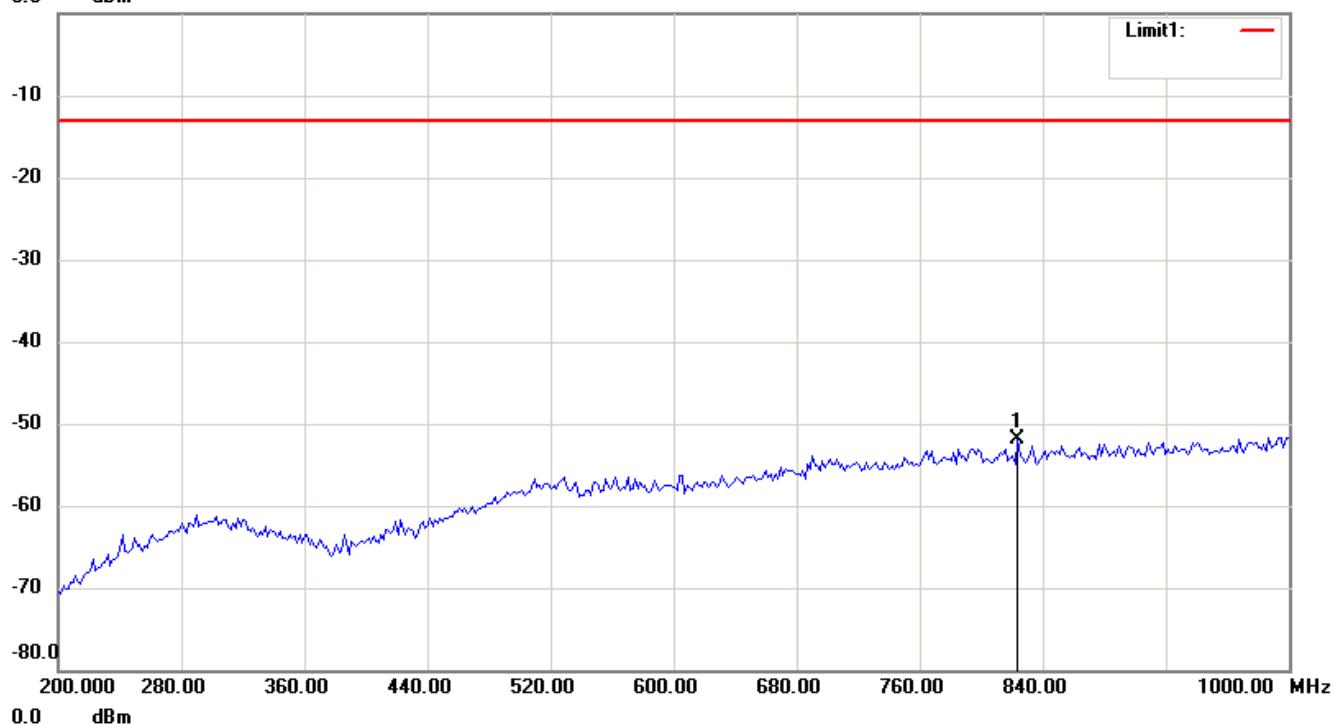


# Worldwide Testing Services(Taiwan) Co., Ltd.

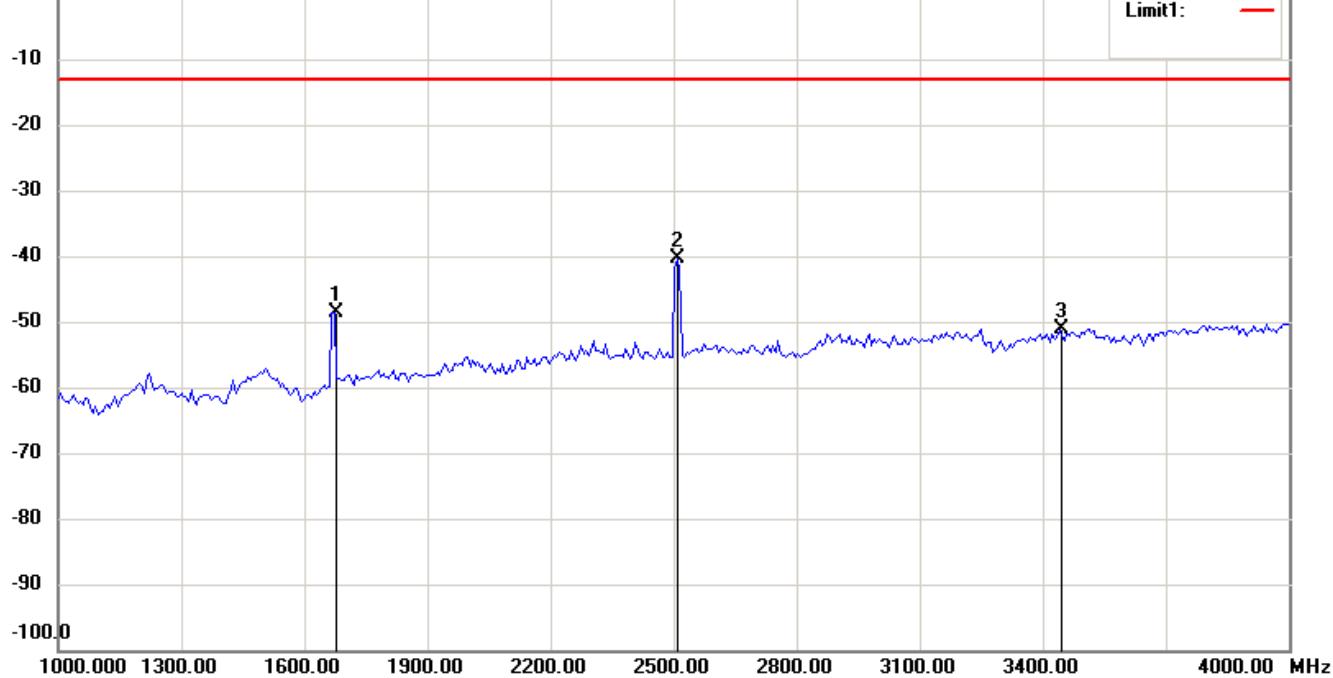
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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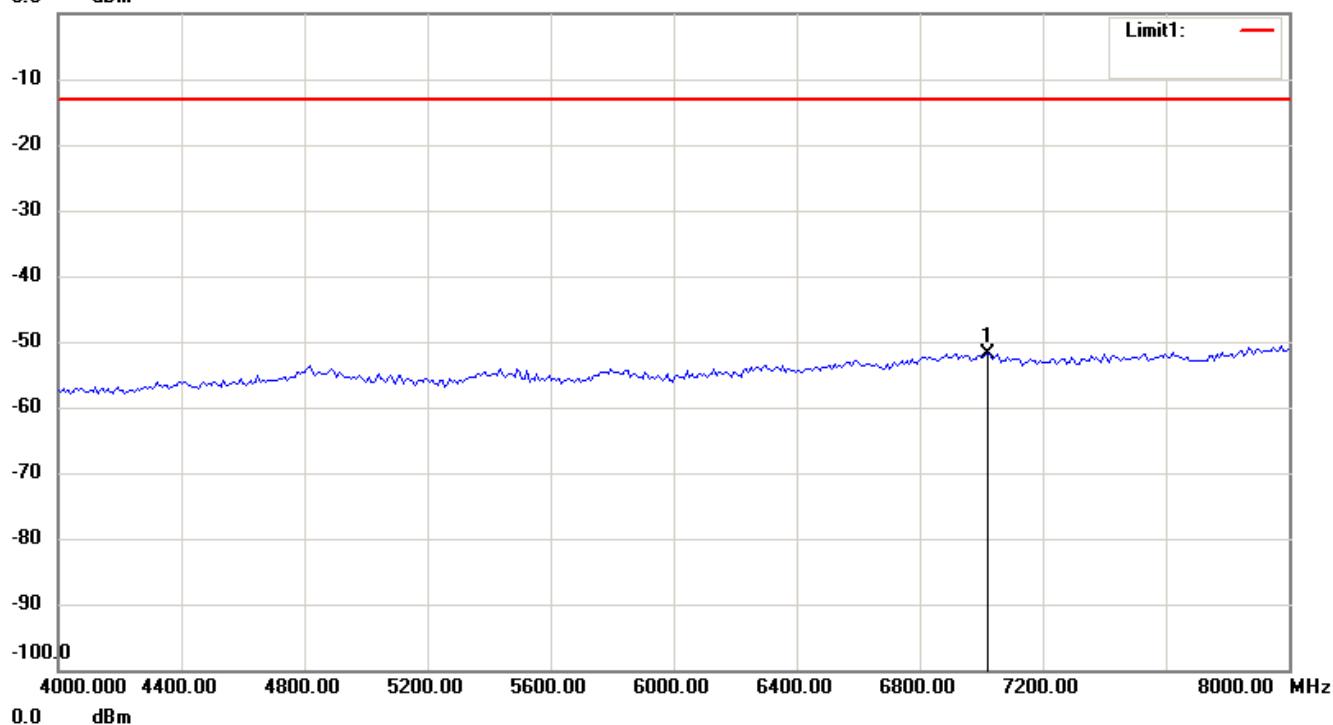


# Worldwide Testing Services(Taiwan) Co., Ltd.

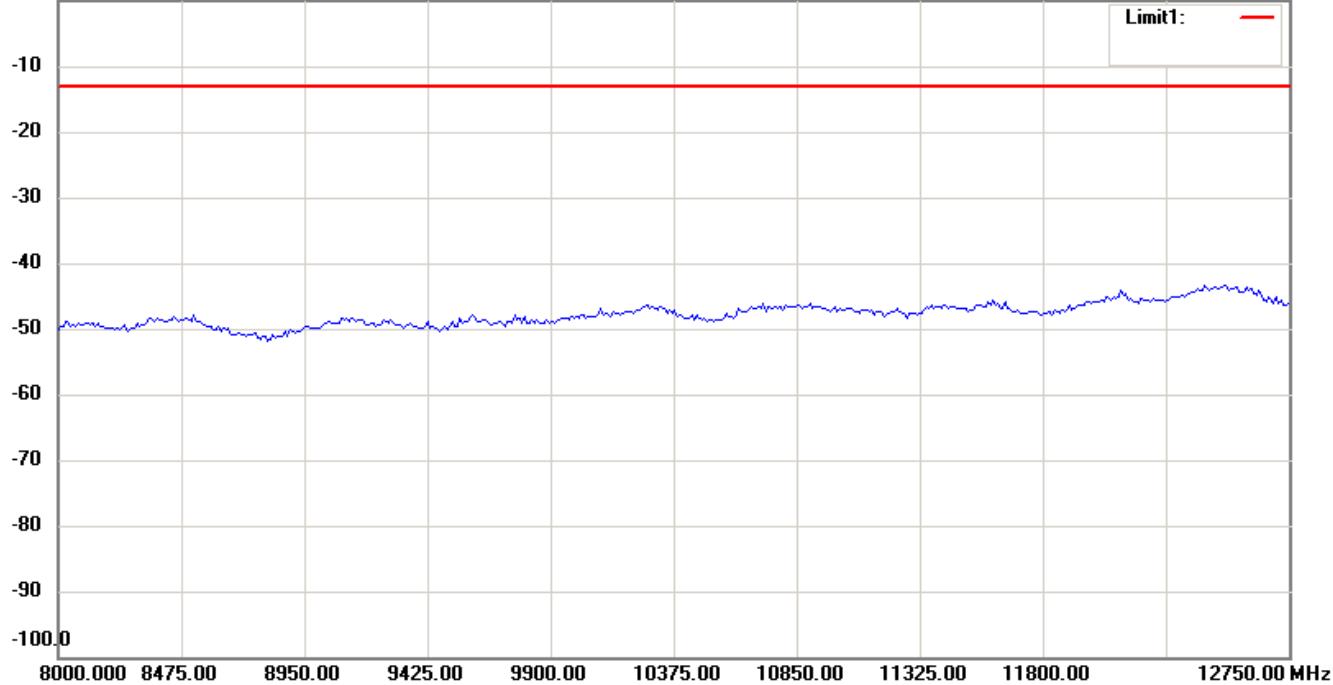
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

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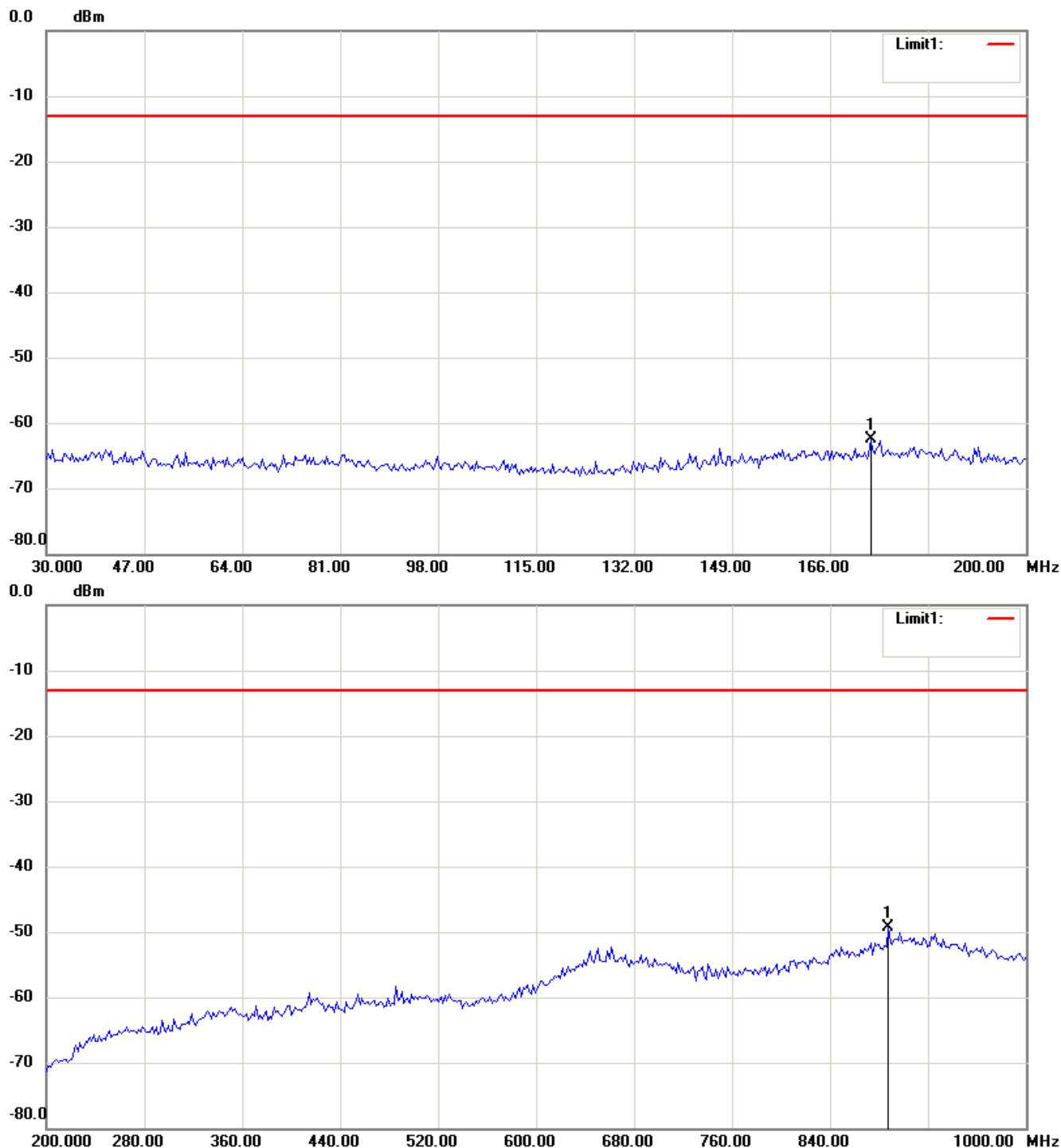
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band V\_CH 4233\_3.5 V

Antenna Polarization H



## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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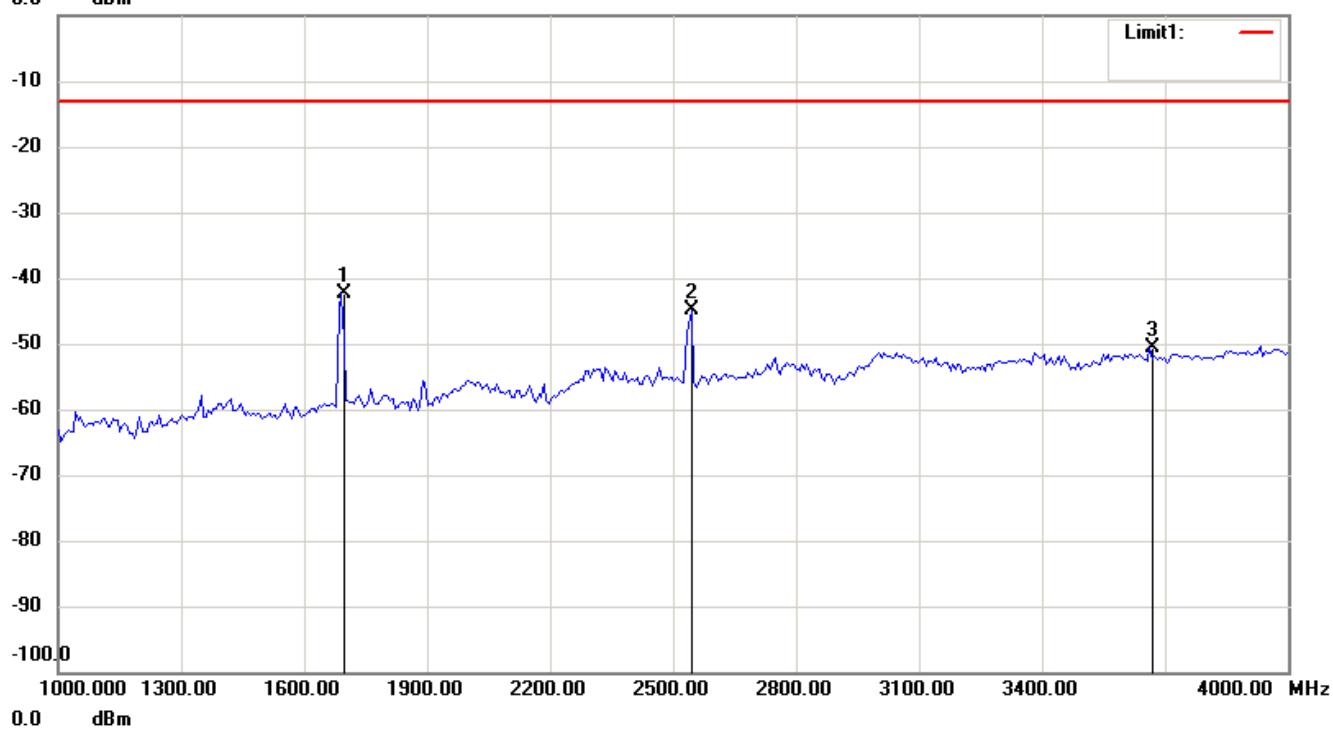


# Worldwide Testing Services(Taiwan) Co., Ltd.

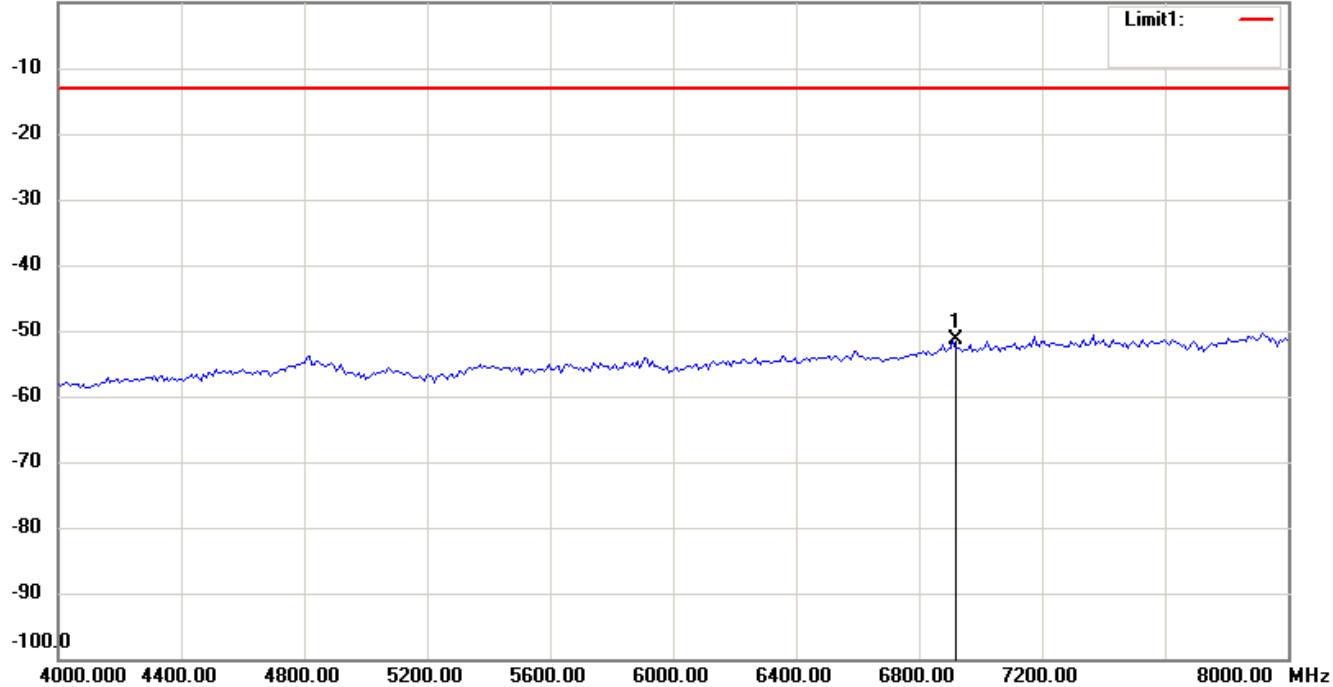
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

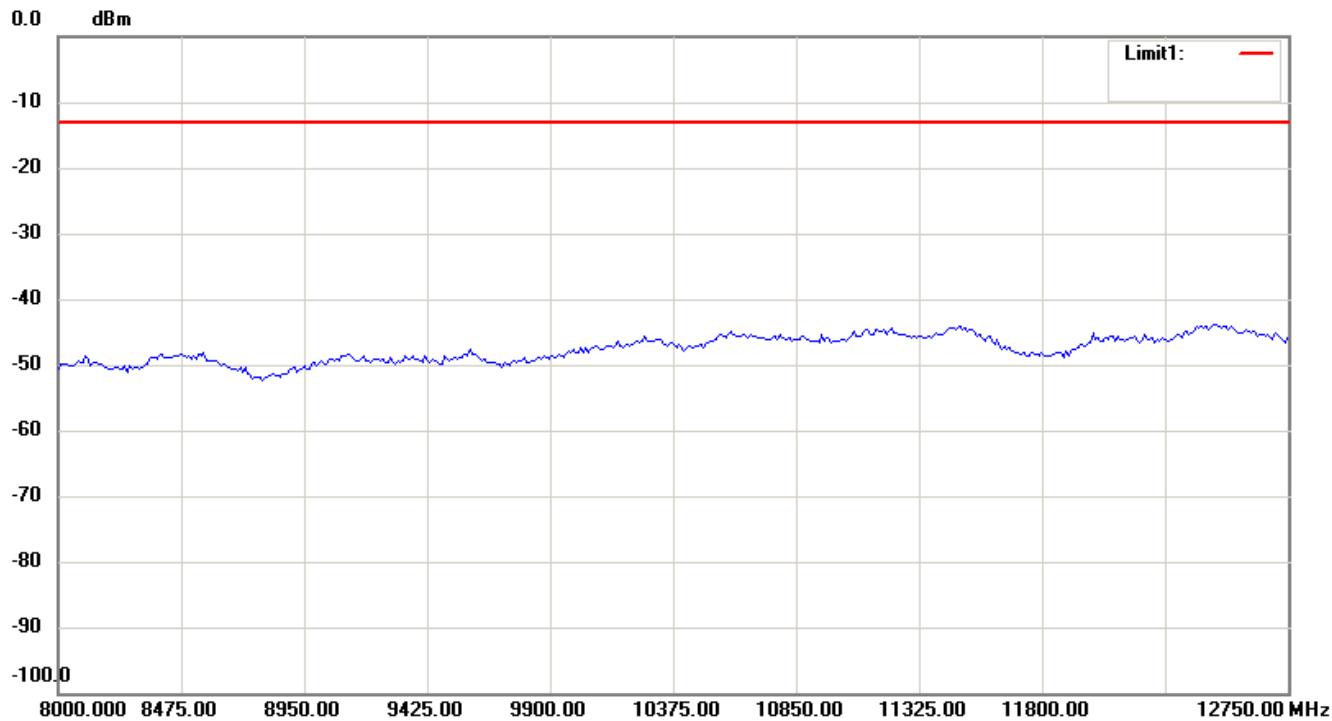
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



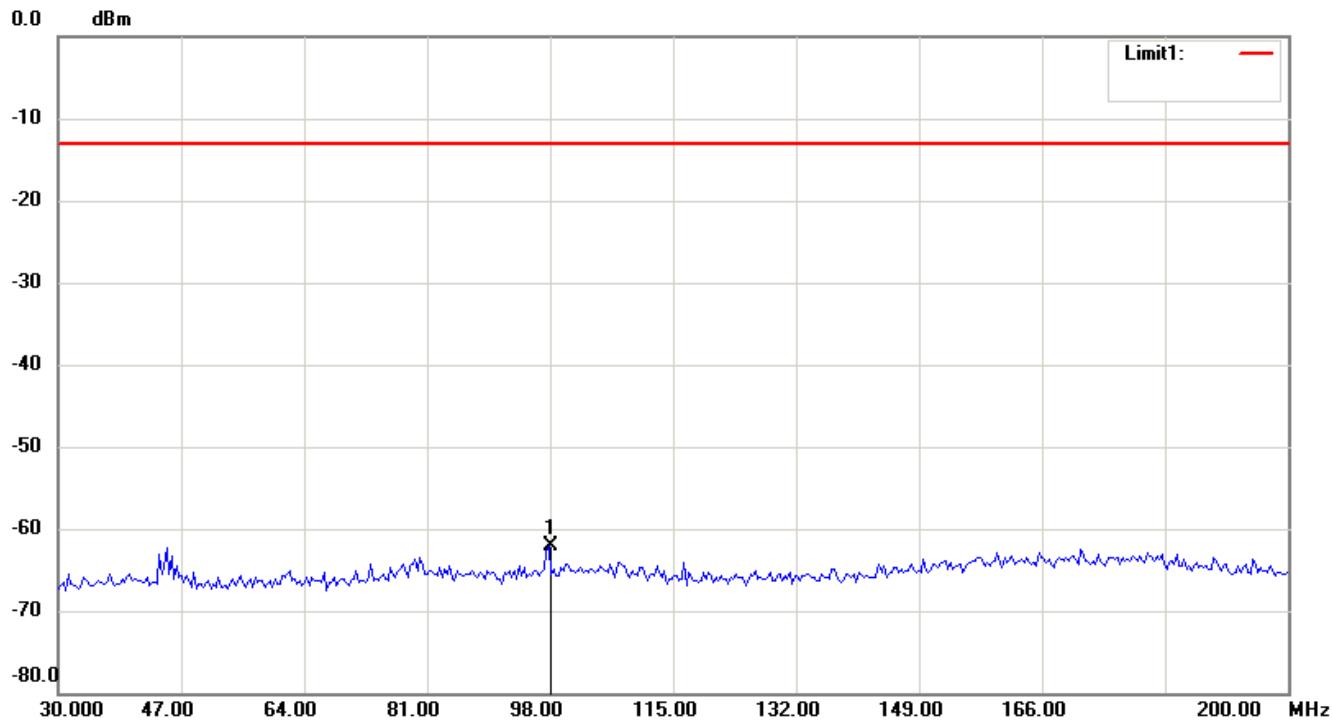
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



Antenna Polarization V



**Note:**

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.

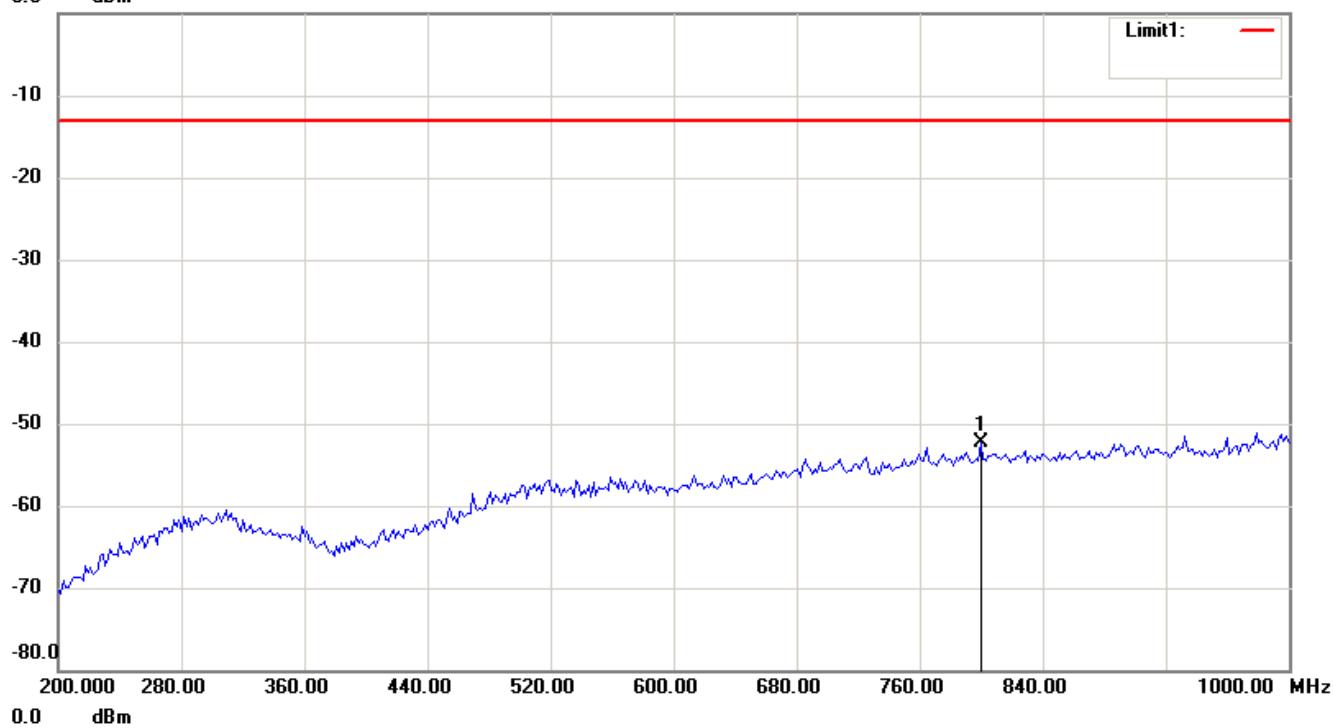


# Worldwide Testing Services(Taiwan) Co., Ltd.

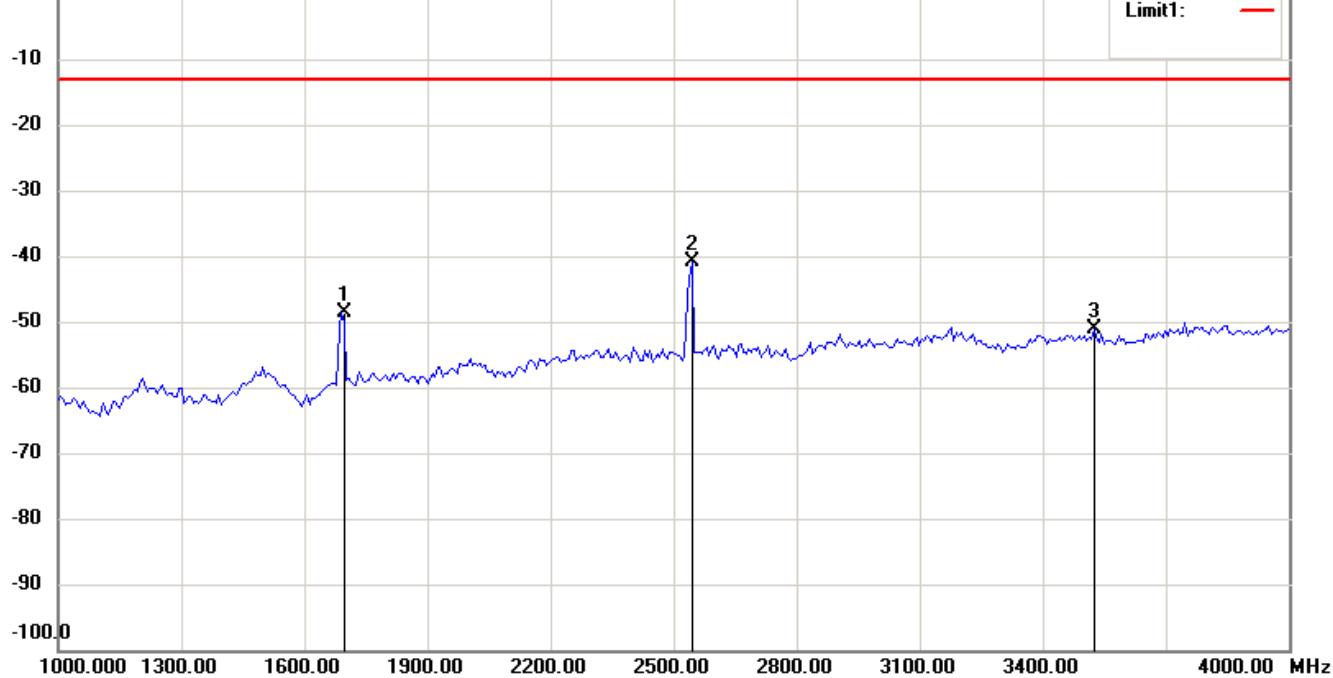
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.

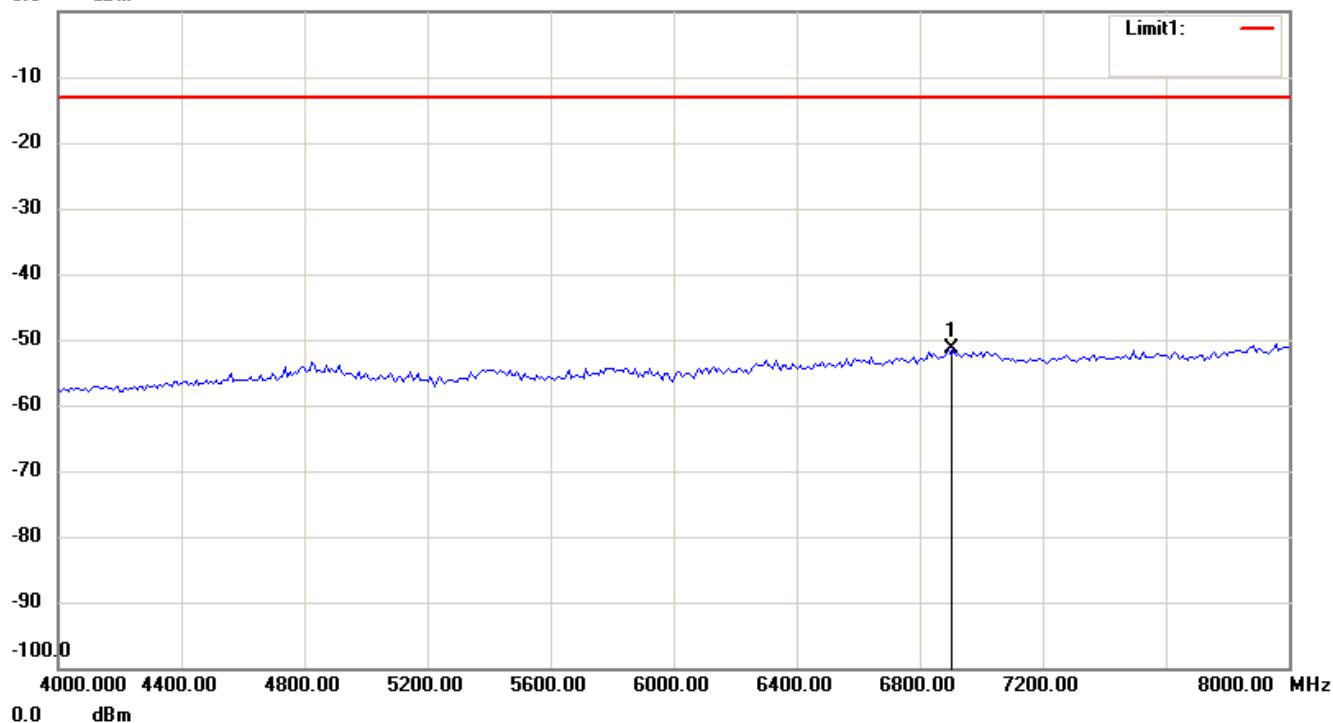


# Worldwide Testing Services(Taiwan) Co., Ltd.

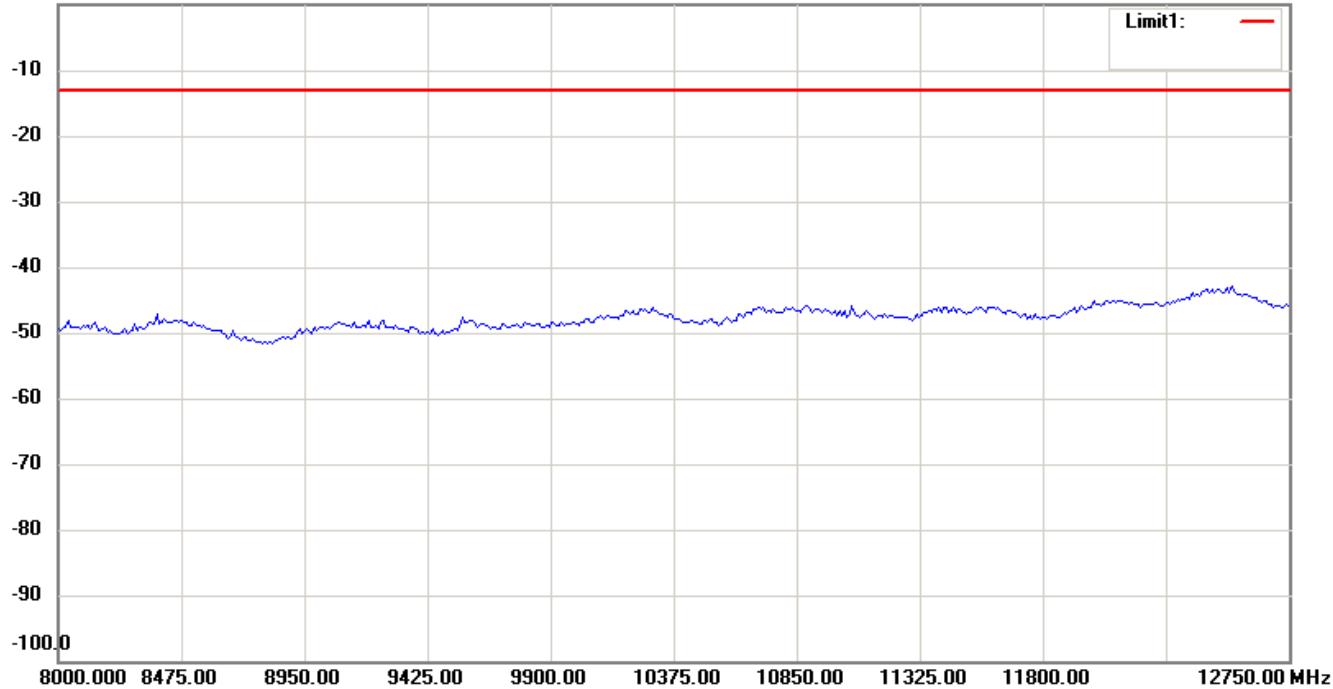
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



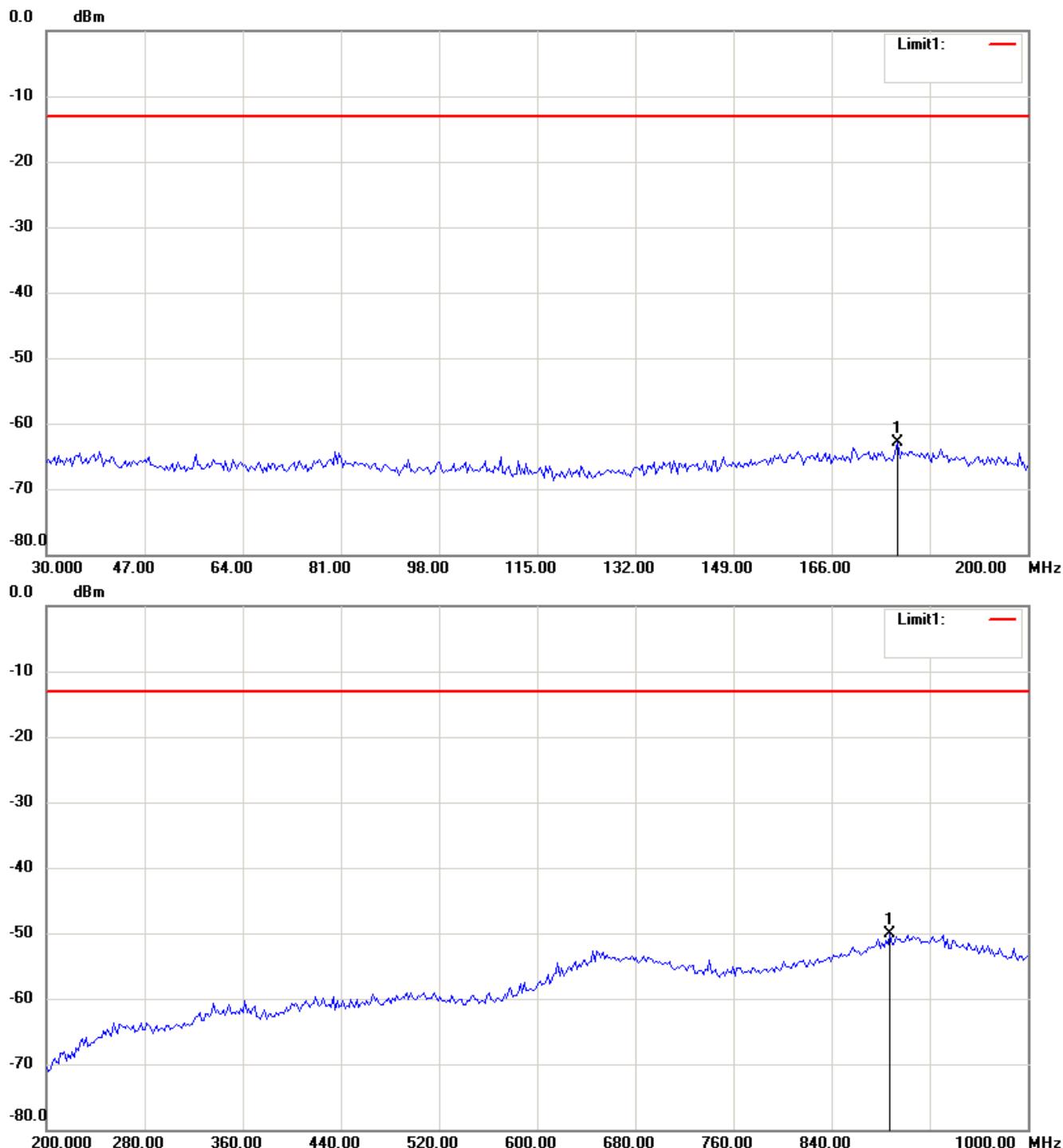
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band V\_CH 4233\_4.07V

Antenna Polarization H



## Note:

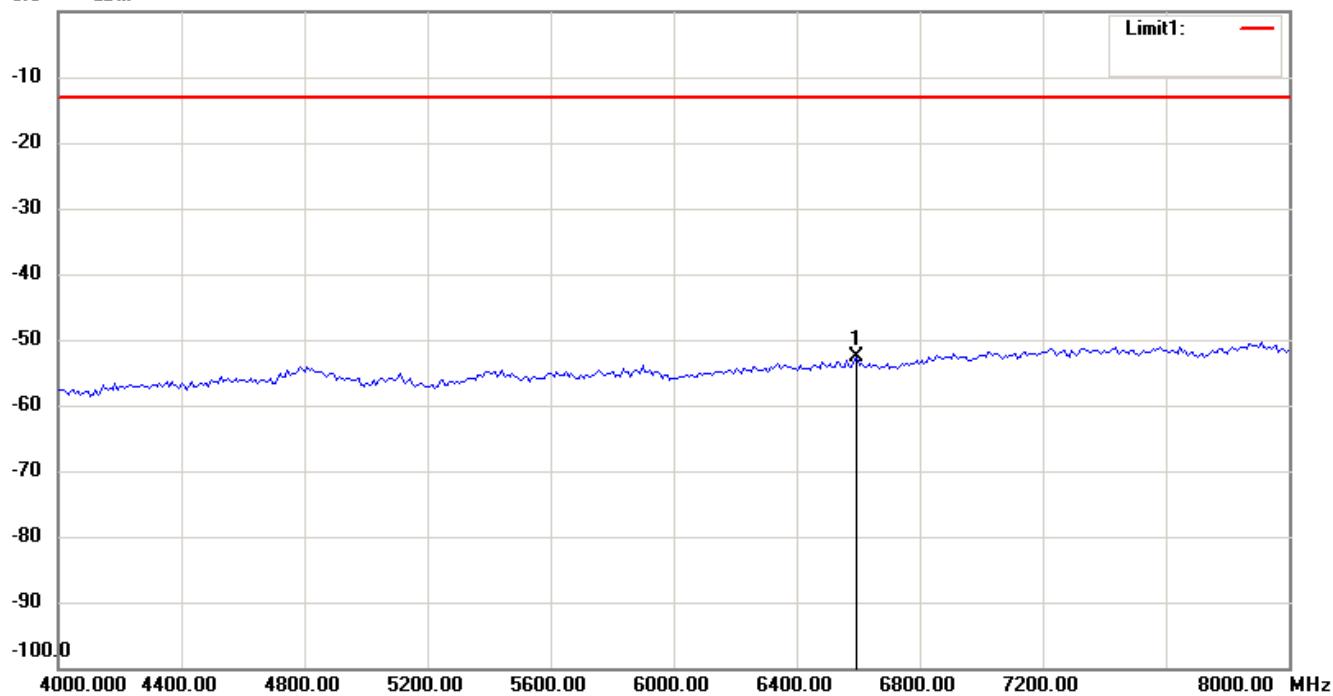
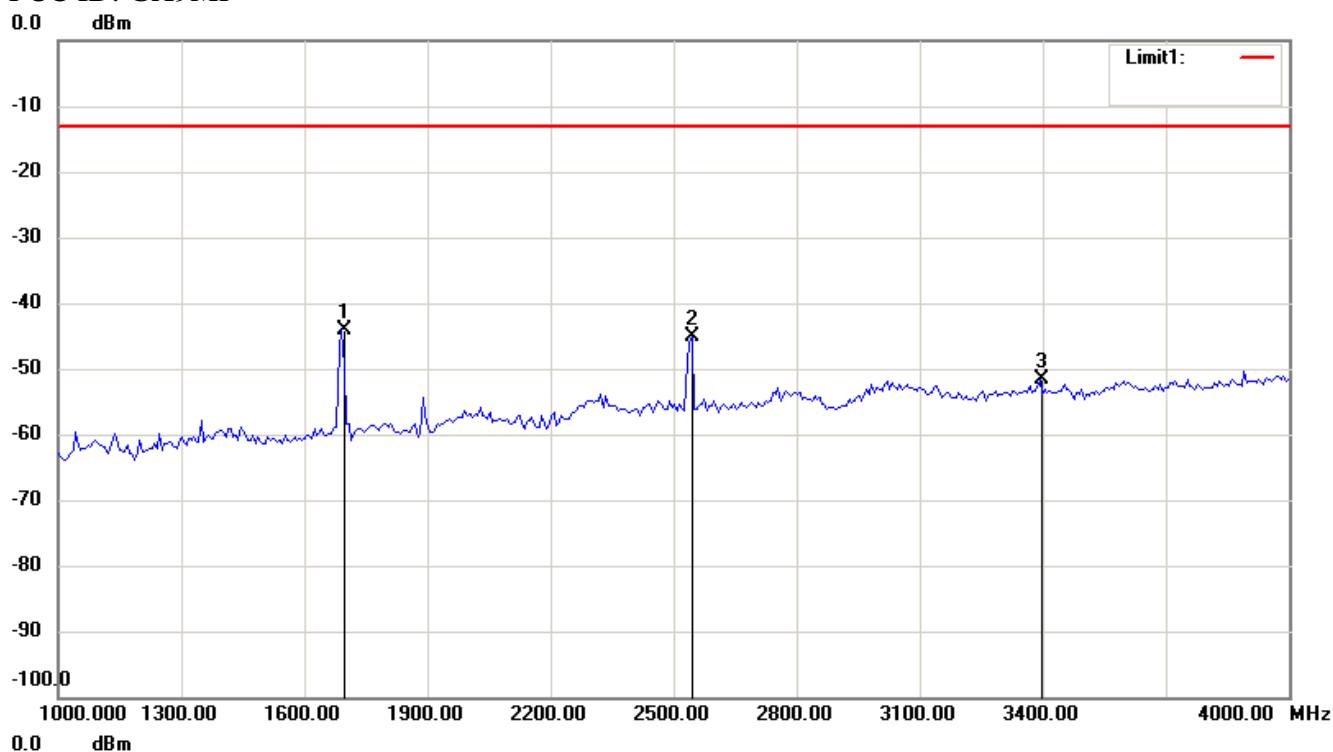
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



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

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



## Note:

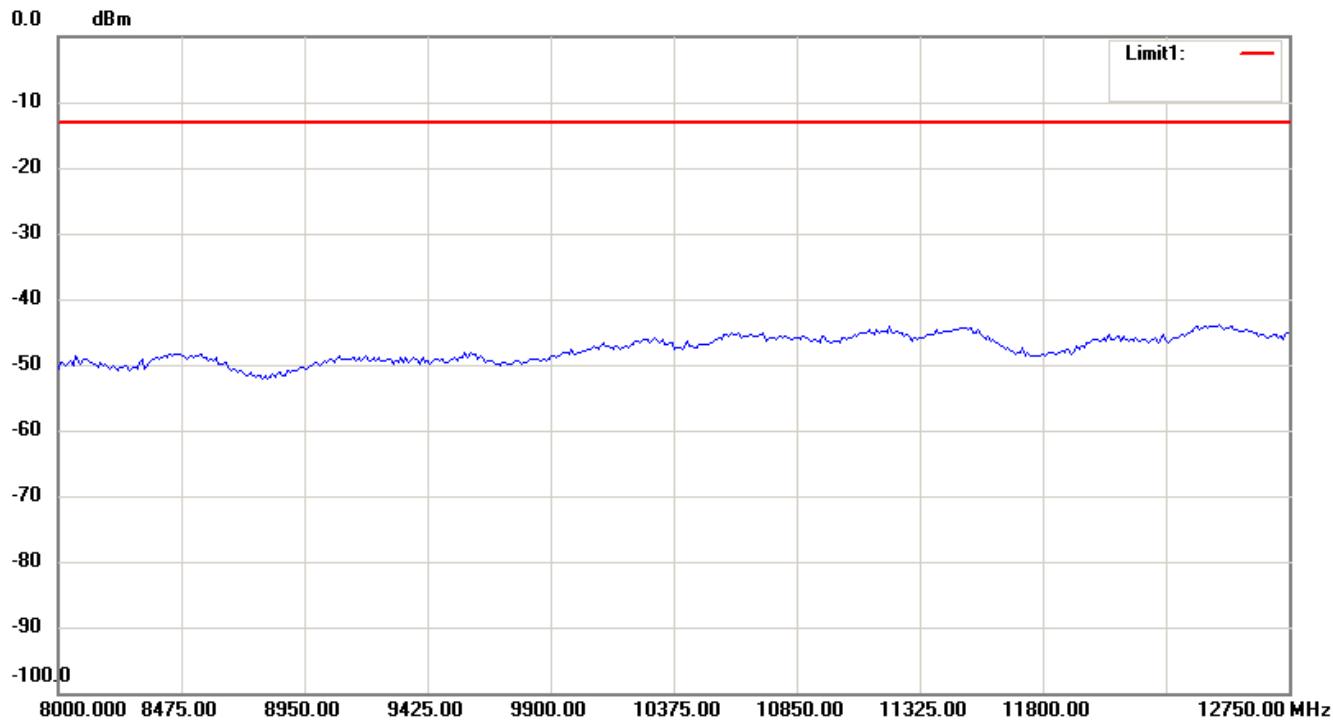
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
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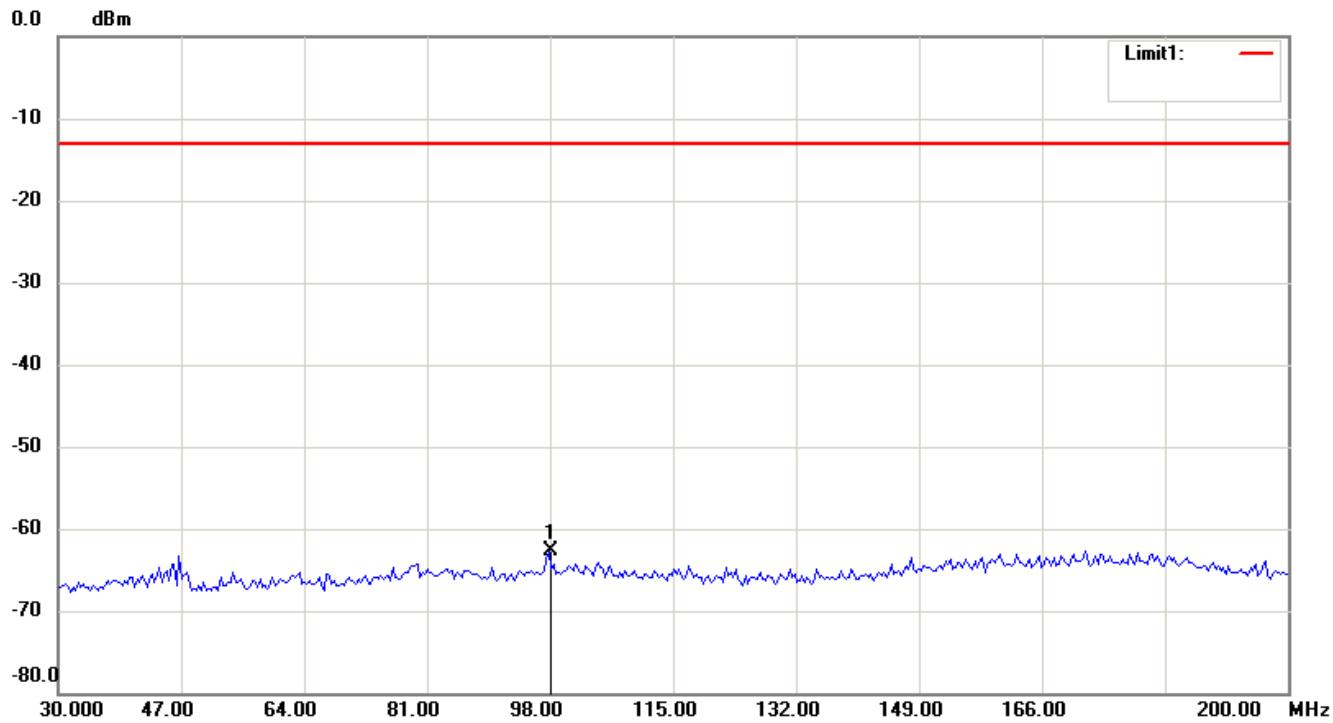
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP



Antenna Polarization V



## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.

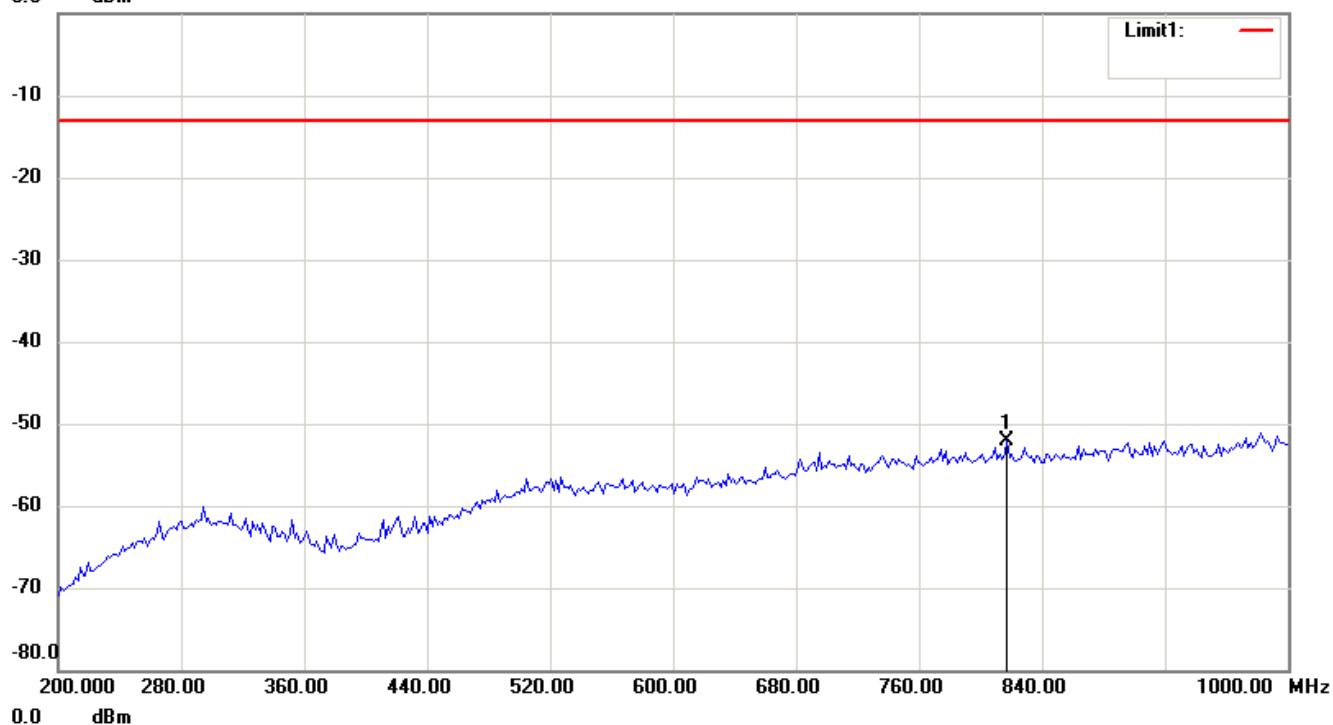


# Worldwide Testing Services(Taiwan) Co., Ltd.

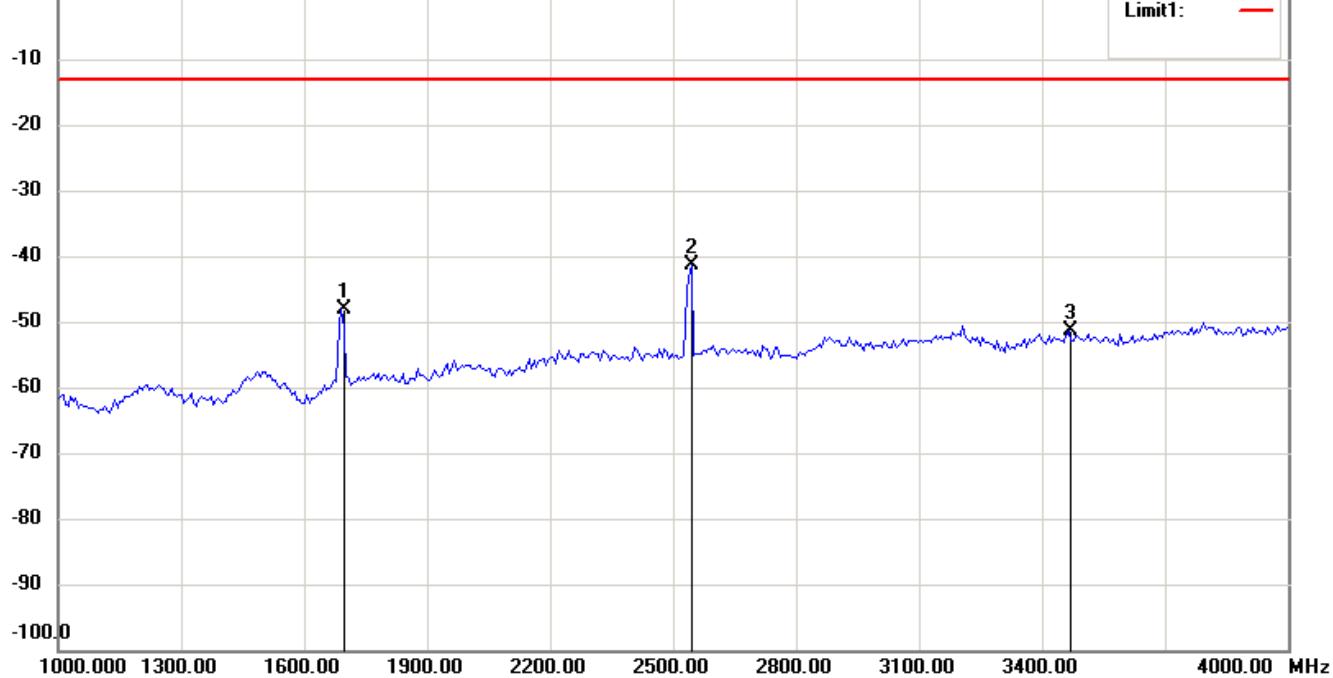
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.

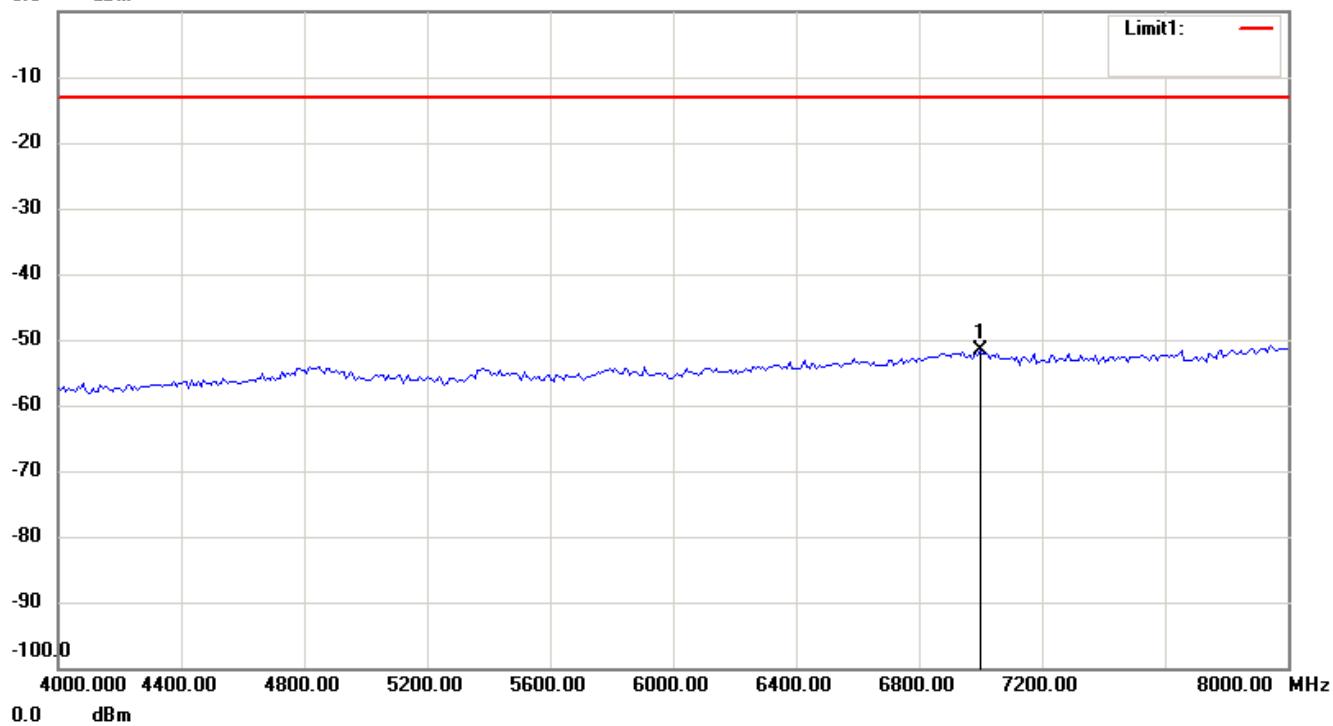


# Worldwide Testing Services(Taiwan) Co., Ltd.

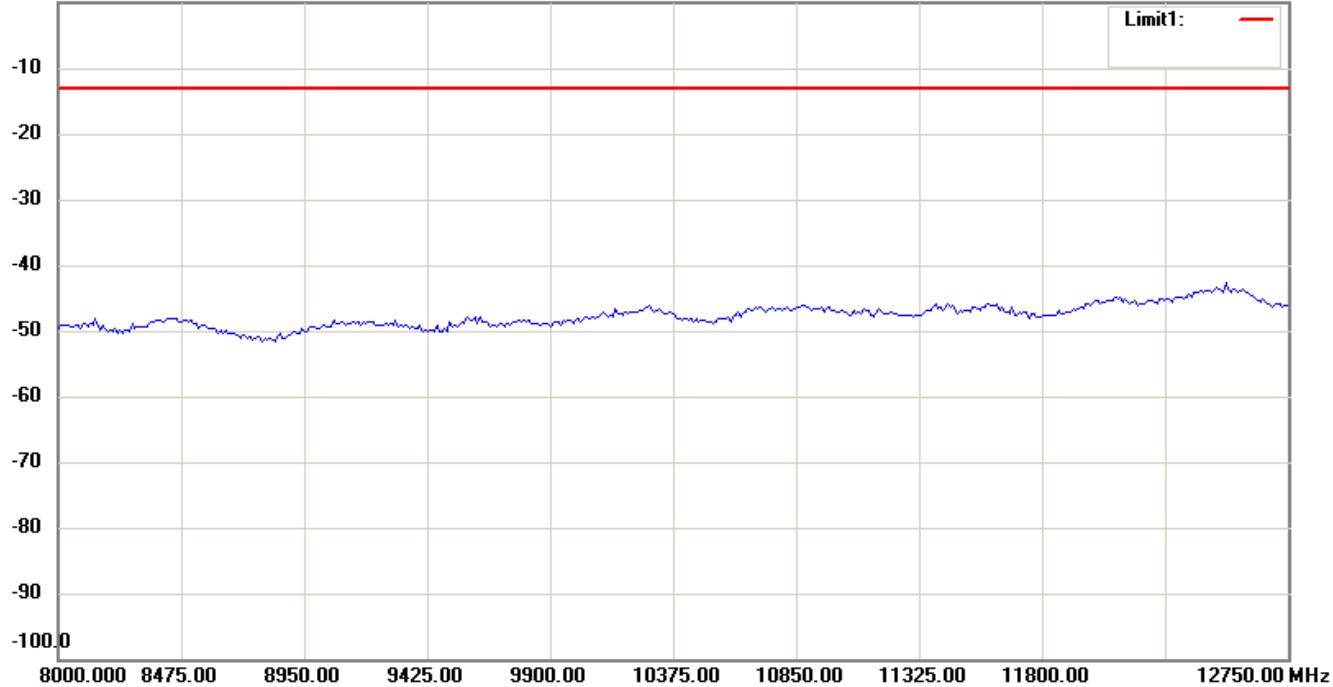
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

0.0 dBm



0.0 dBm



## Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



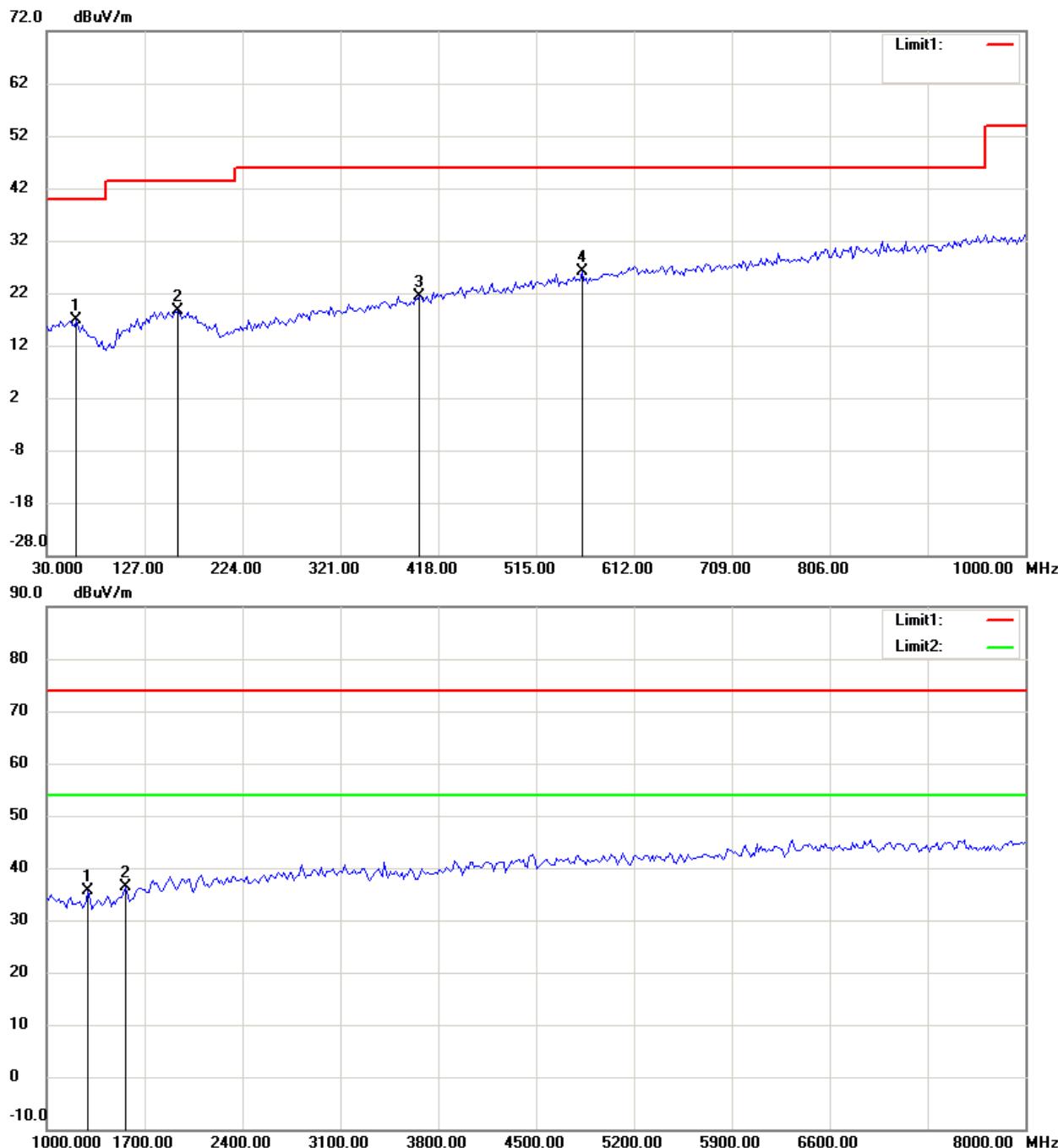
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band V\_Idle Mode\_3.5 V

Antenna Polarization H



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.

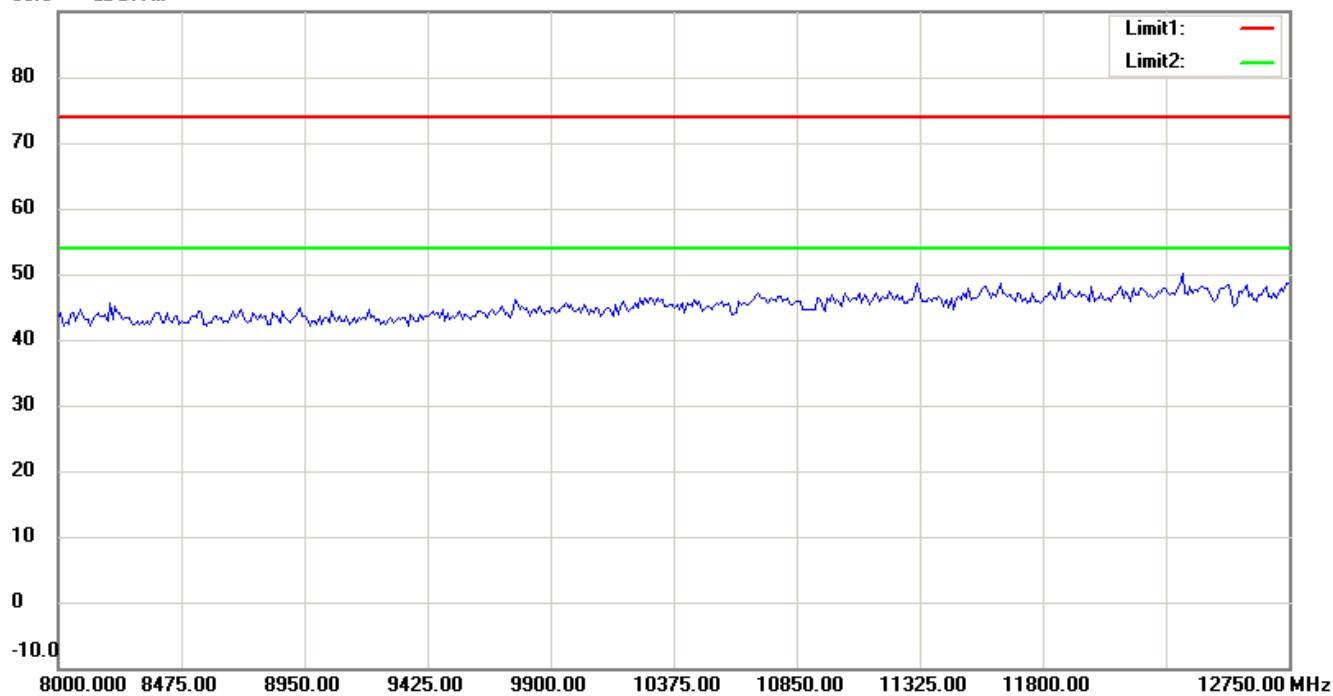


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

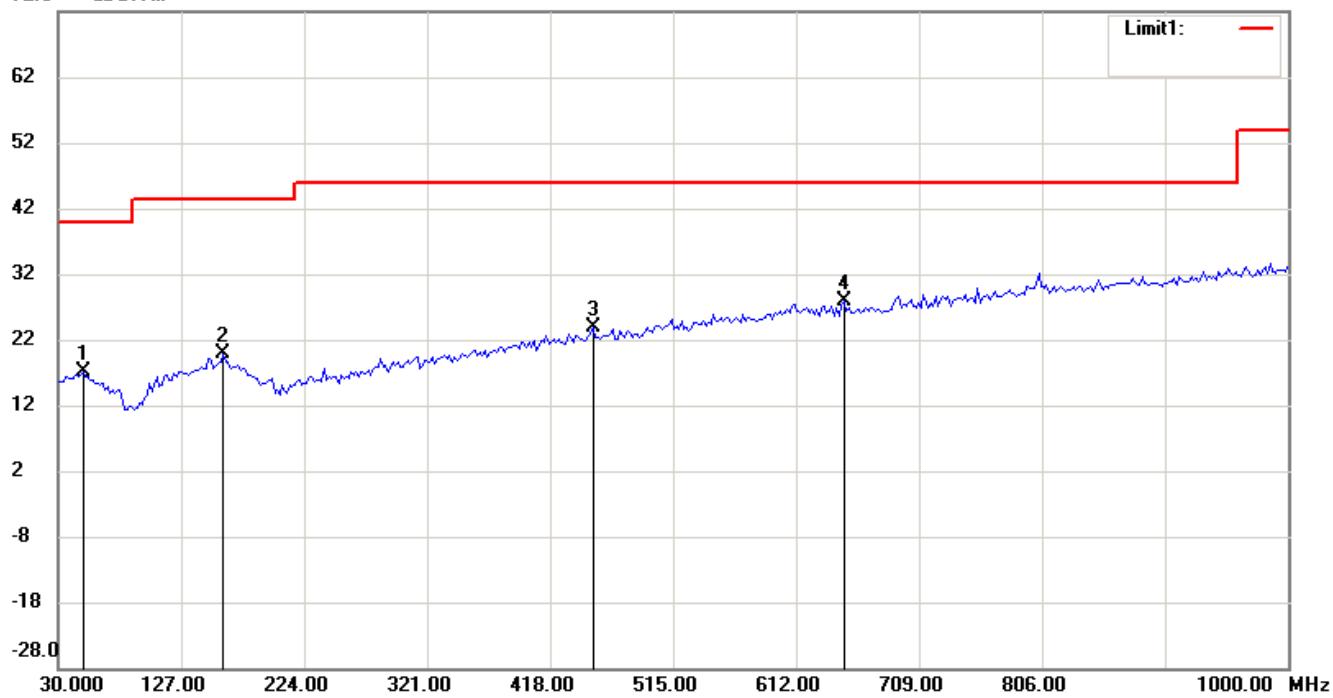
FCC ID: GX9MP

90.0 dBuV/m



Antenna Polarization V

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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3. For corrected test results are listed in the relevant table of radiated test data of this test report.

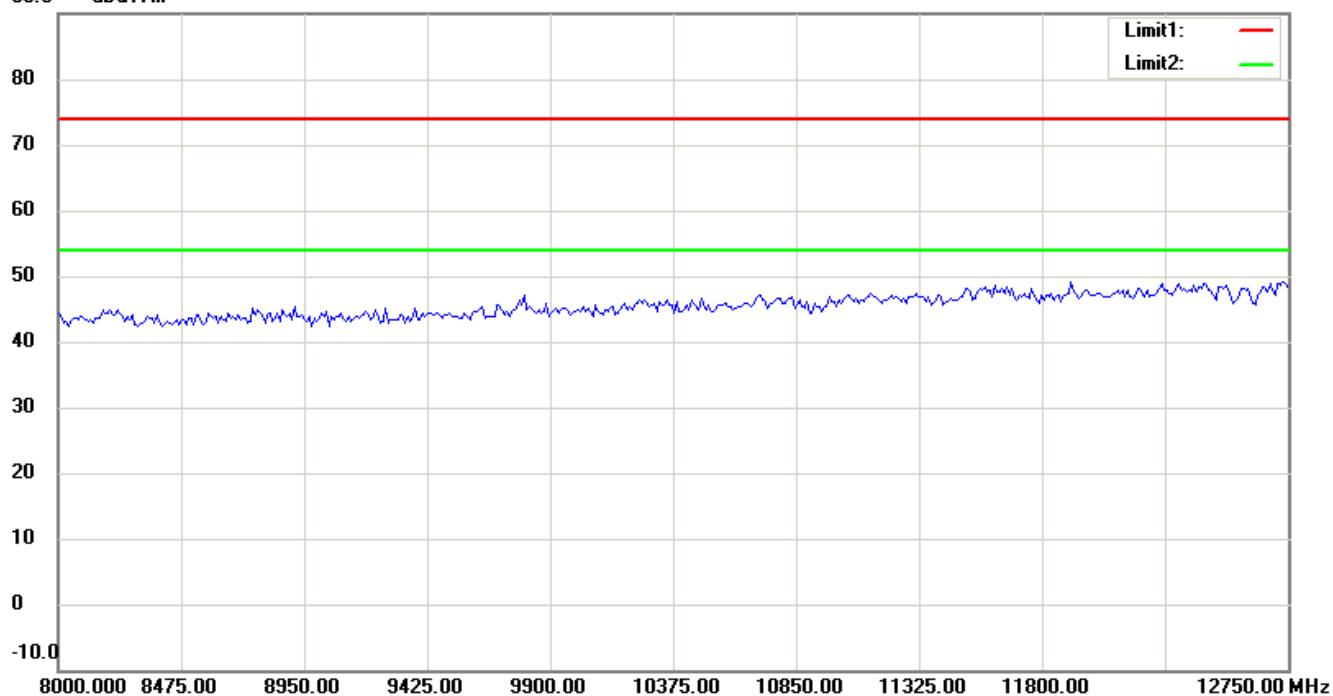
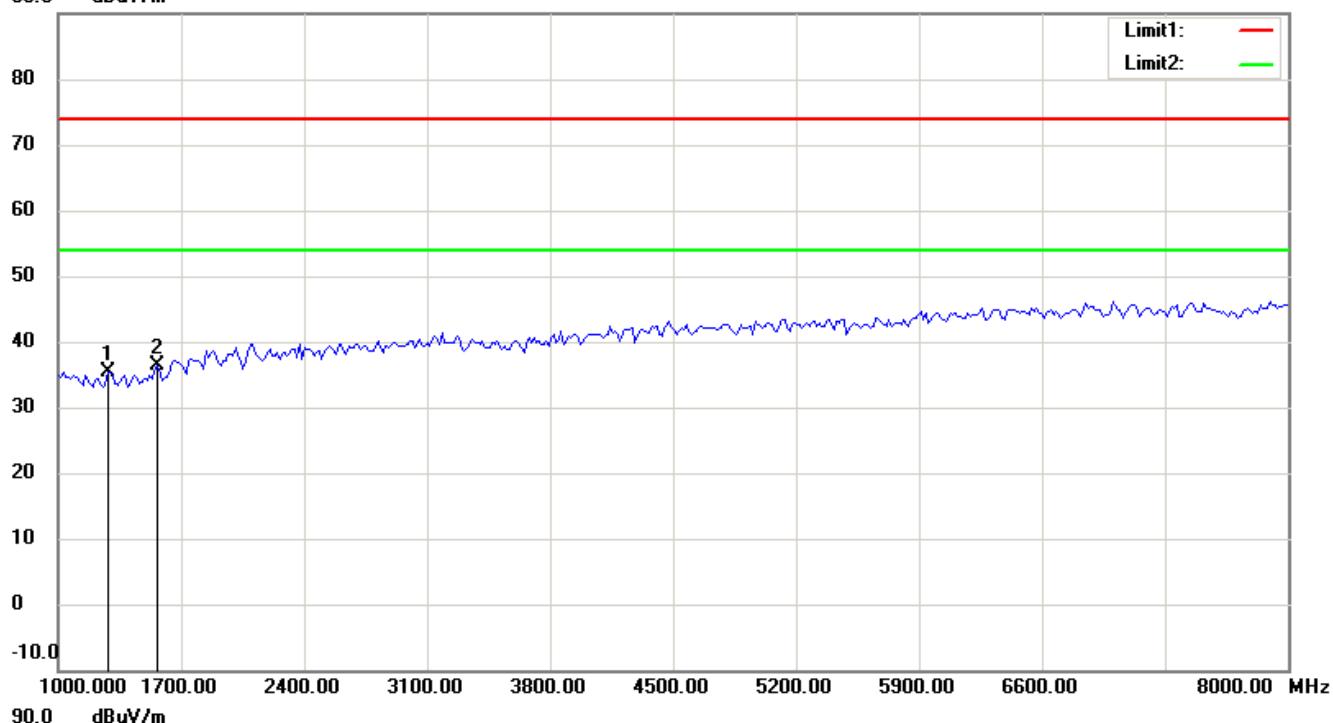


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
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# Worldwide Testing Services(Taiwan) Co., Ltd.

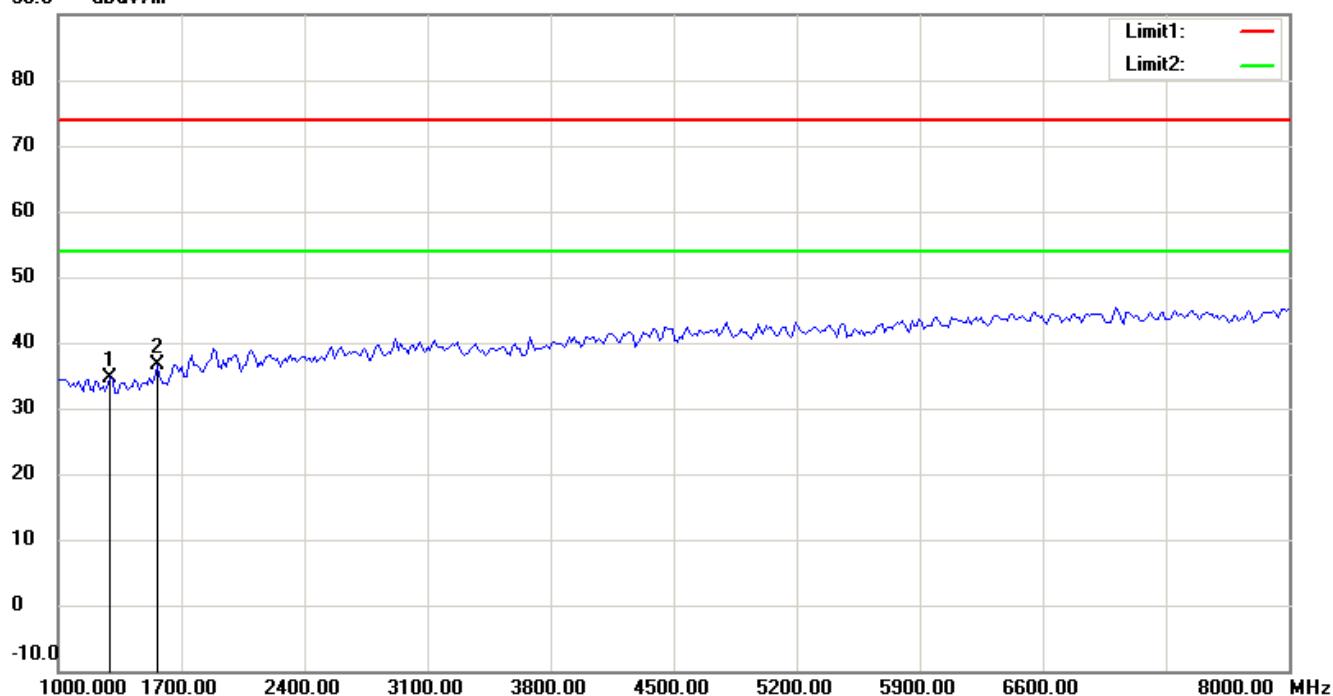
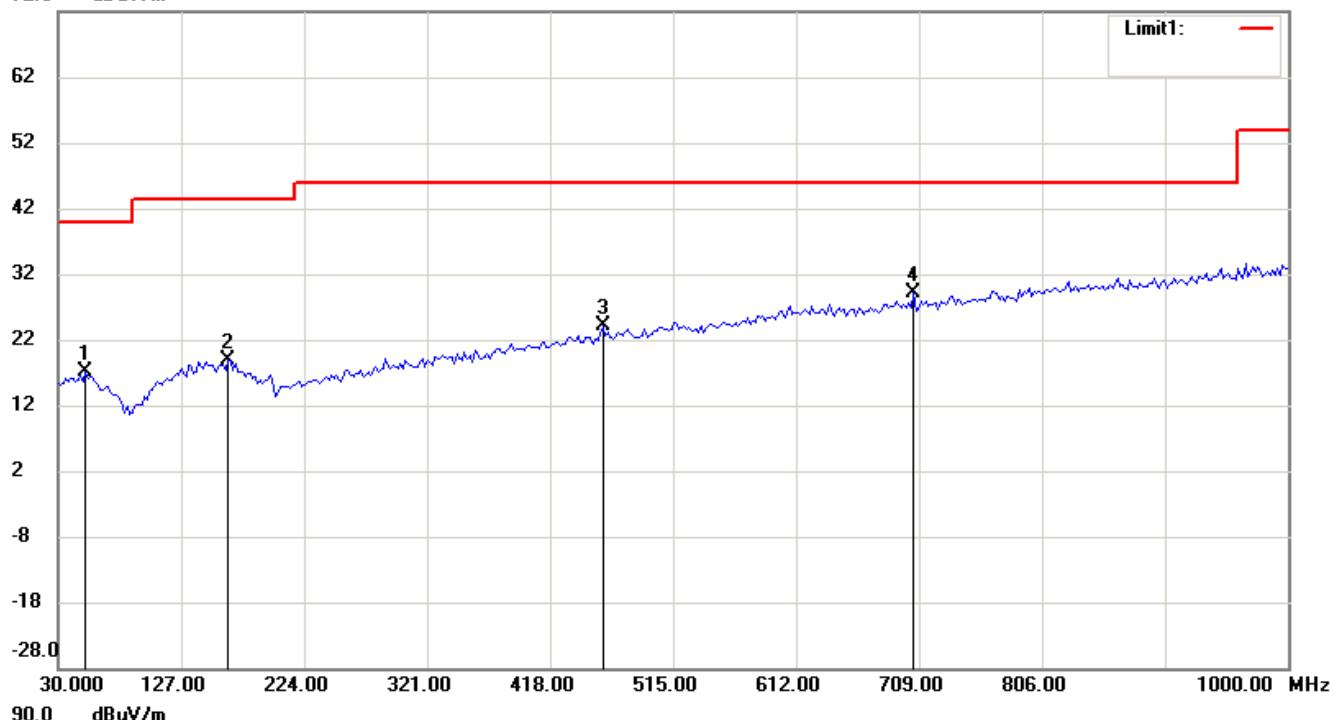
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band V\_Idle Mode\_4.07 V

Antenna Polarization H

72.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

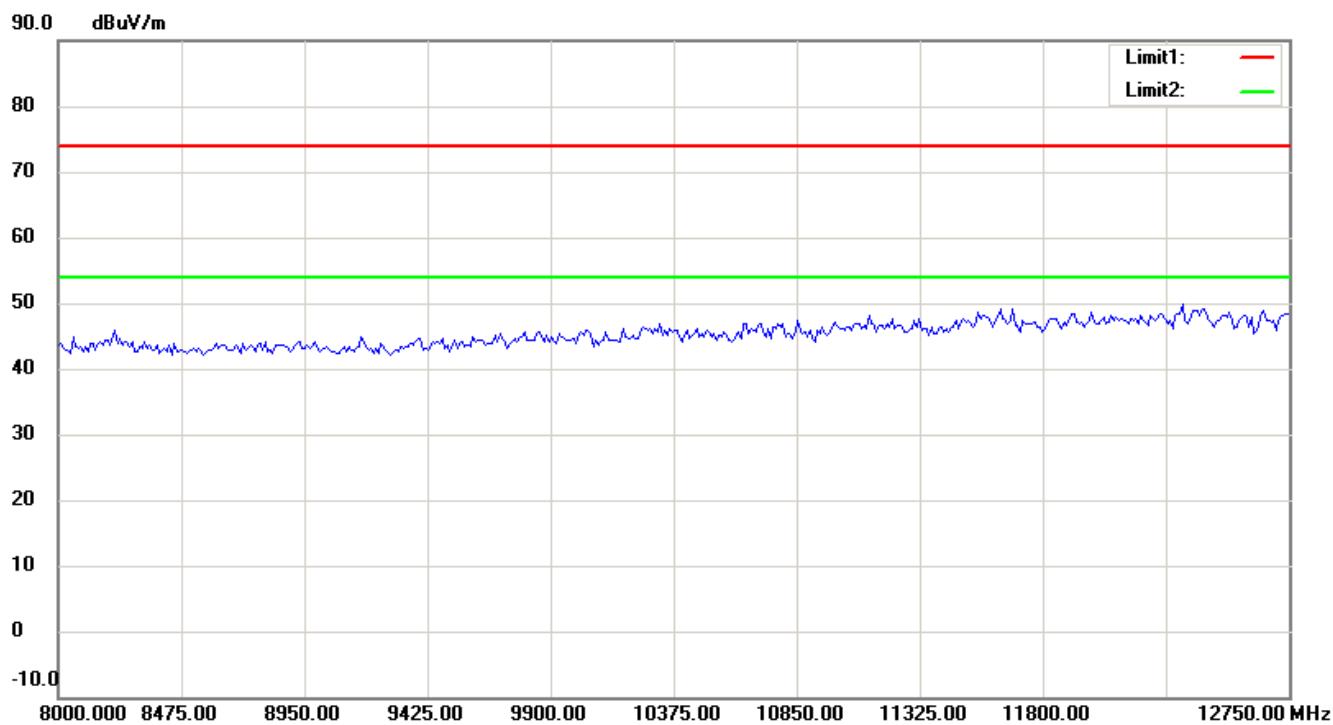
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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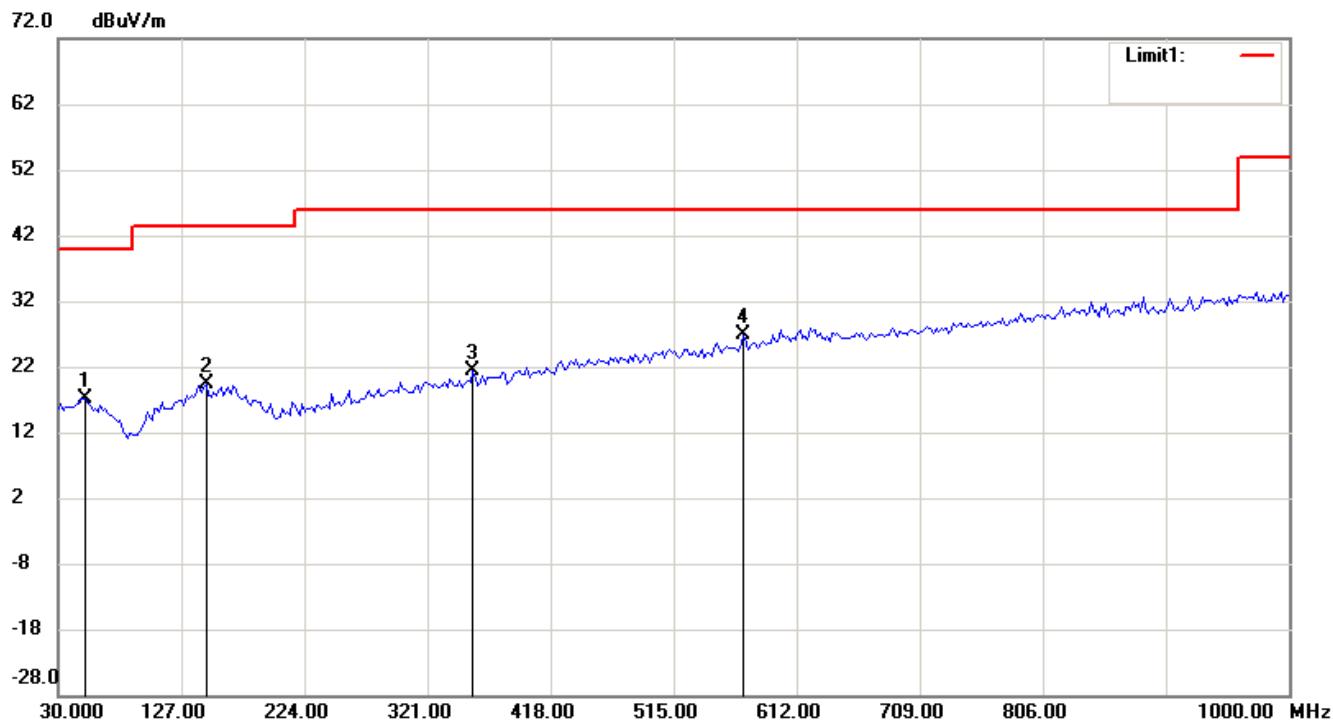


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224  
FCC ID: GX9MP



## Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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3. For corrected test results are listed in the relevant table of radiated test data of this test report.

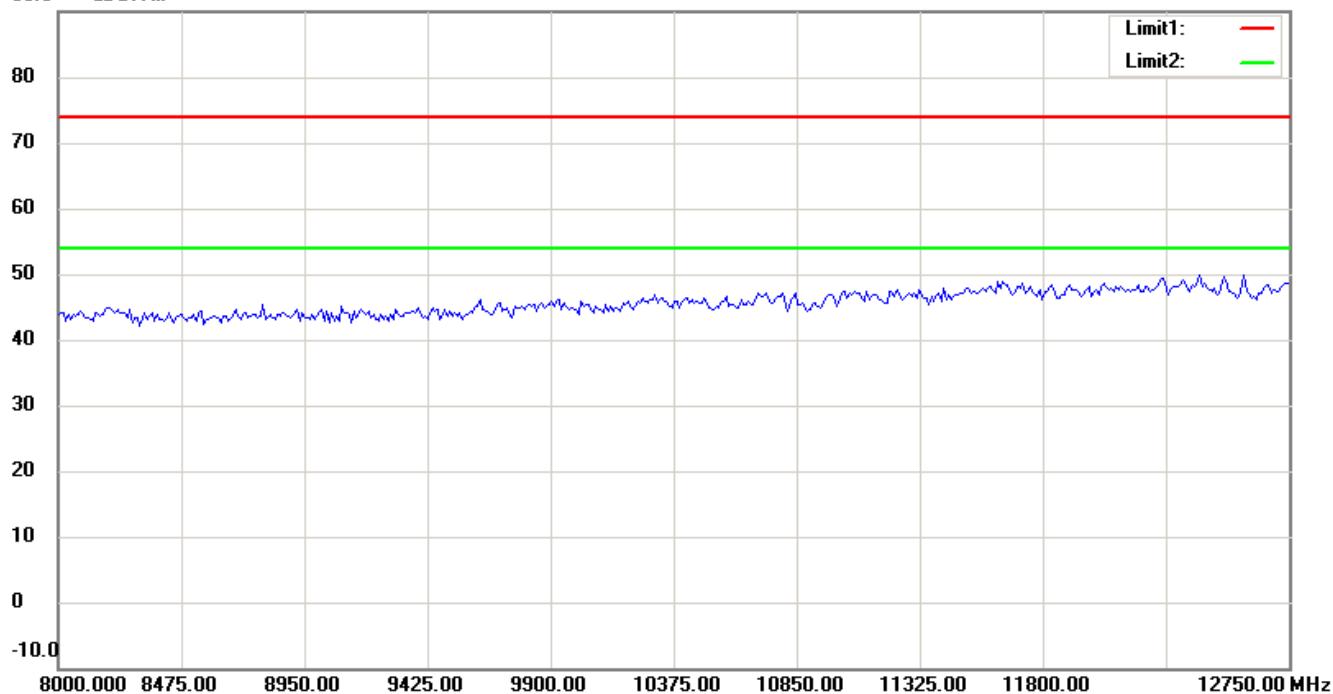
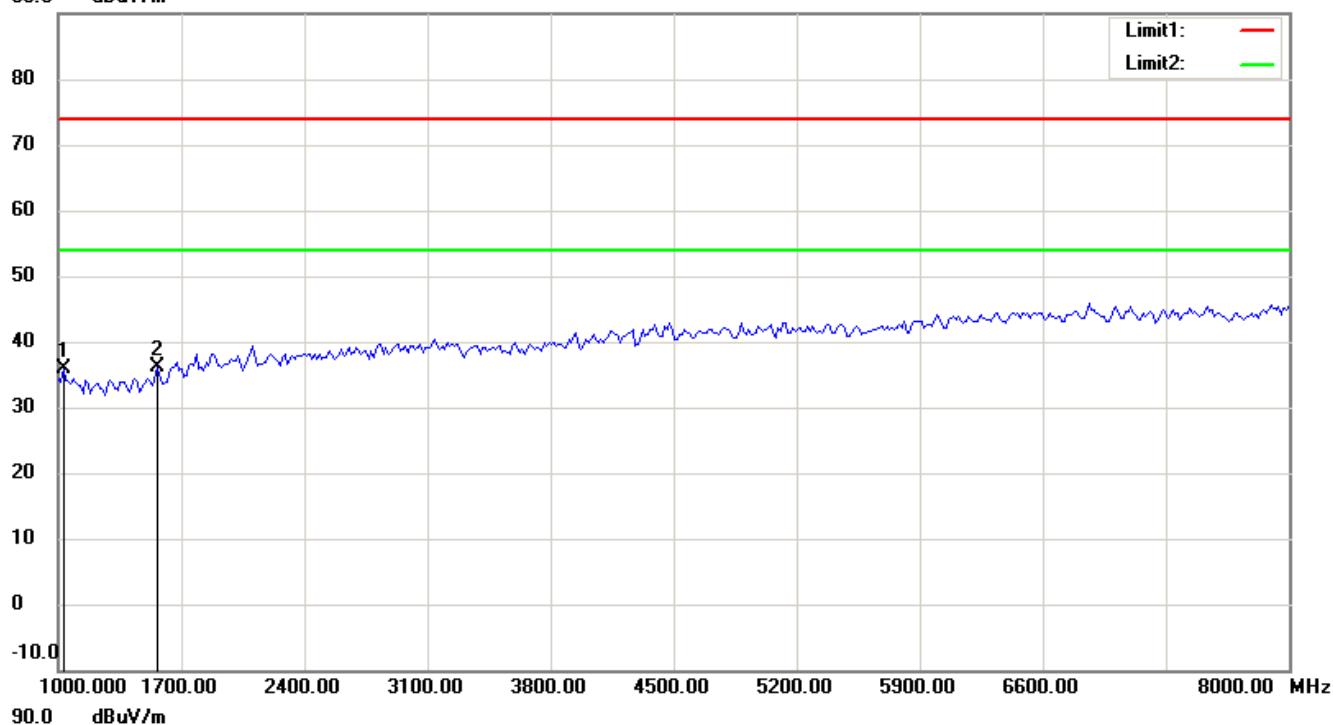


# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

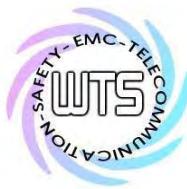
90.0 dBuV/m



Up Line: Peak Limit Line Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
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# Worldwide Testing Services(Taiwan) Co., Ltd.

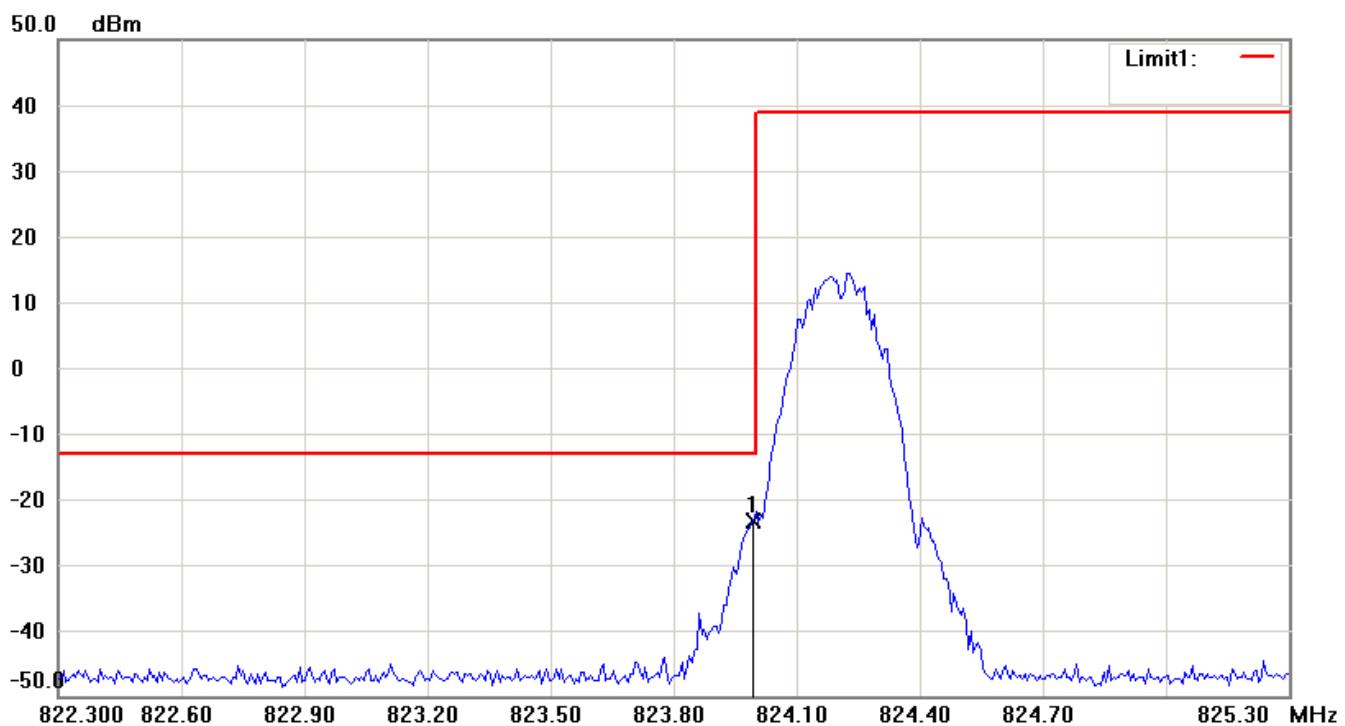
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

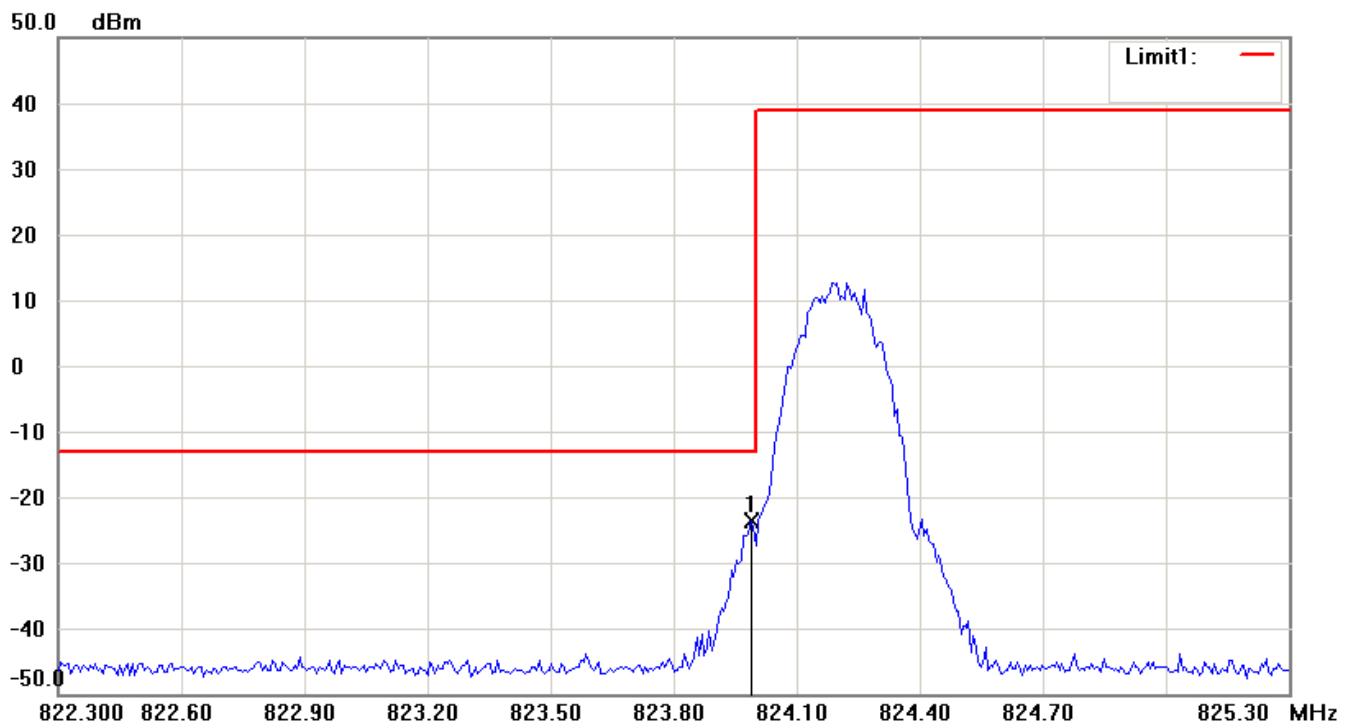
Band edge emissions

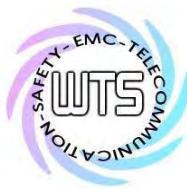
850 Band – channel 128

Antenna Polarization H



Antenna Polarization V





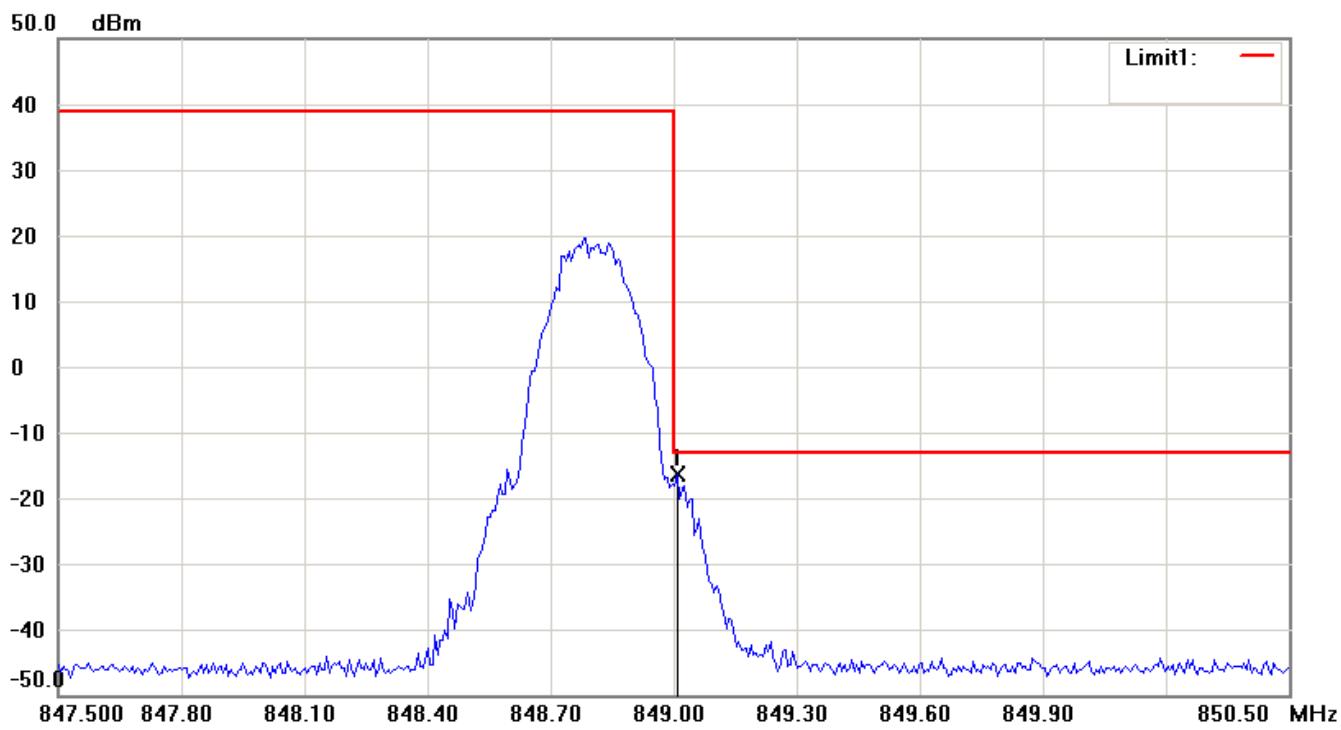
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

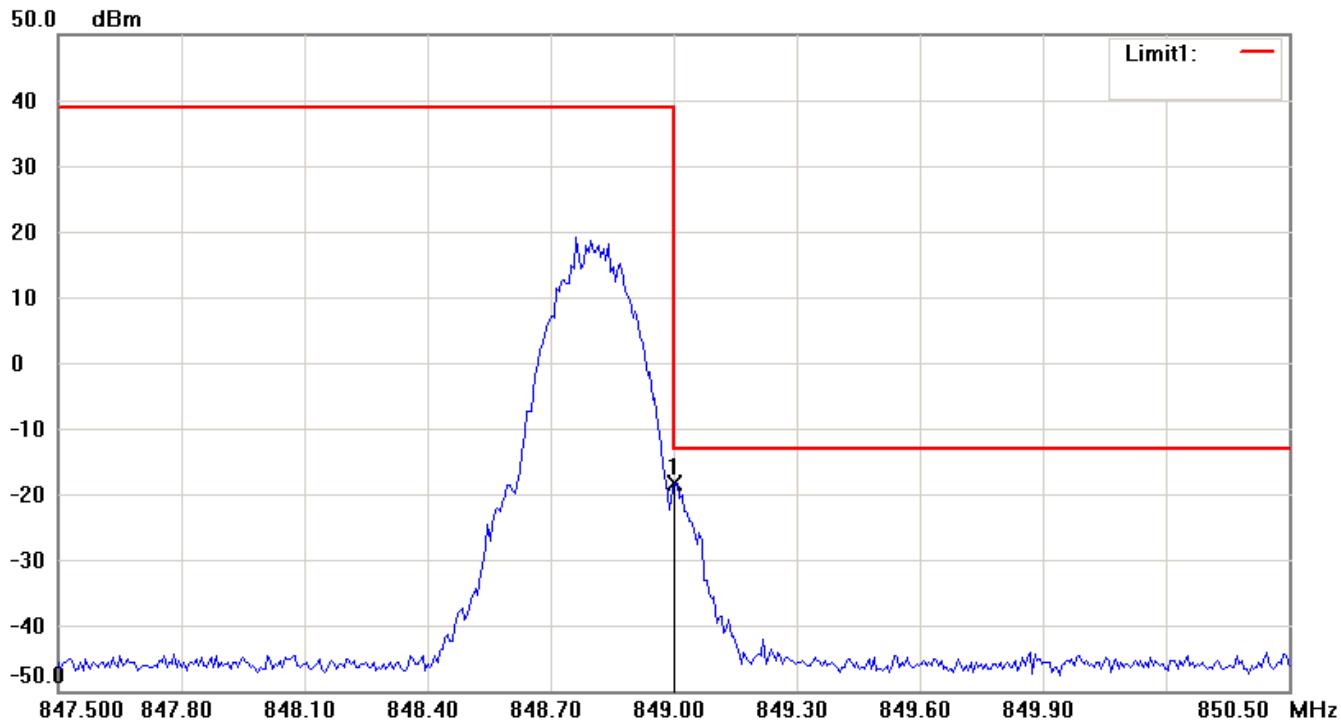
FCC ID: GX9MP

850 Band – channel 251

Antenna Polarization H



Antenna Polarization V





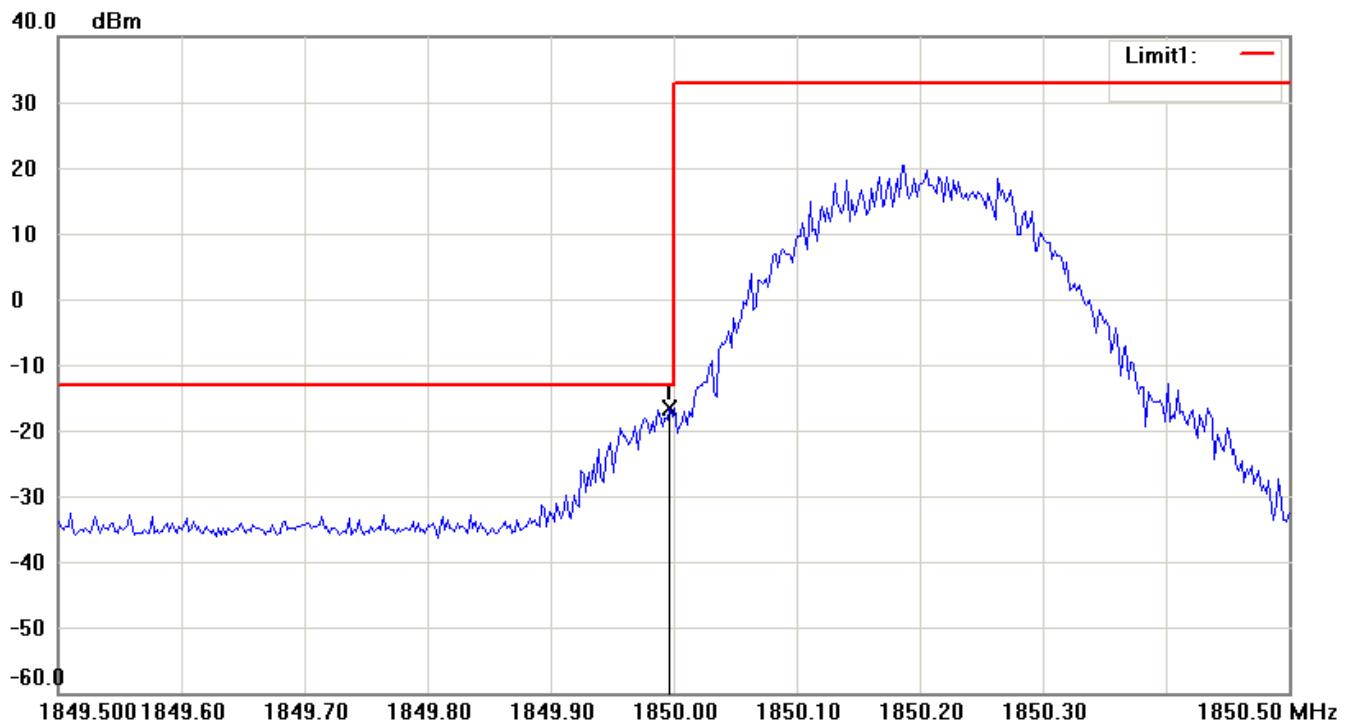
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

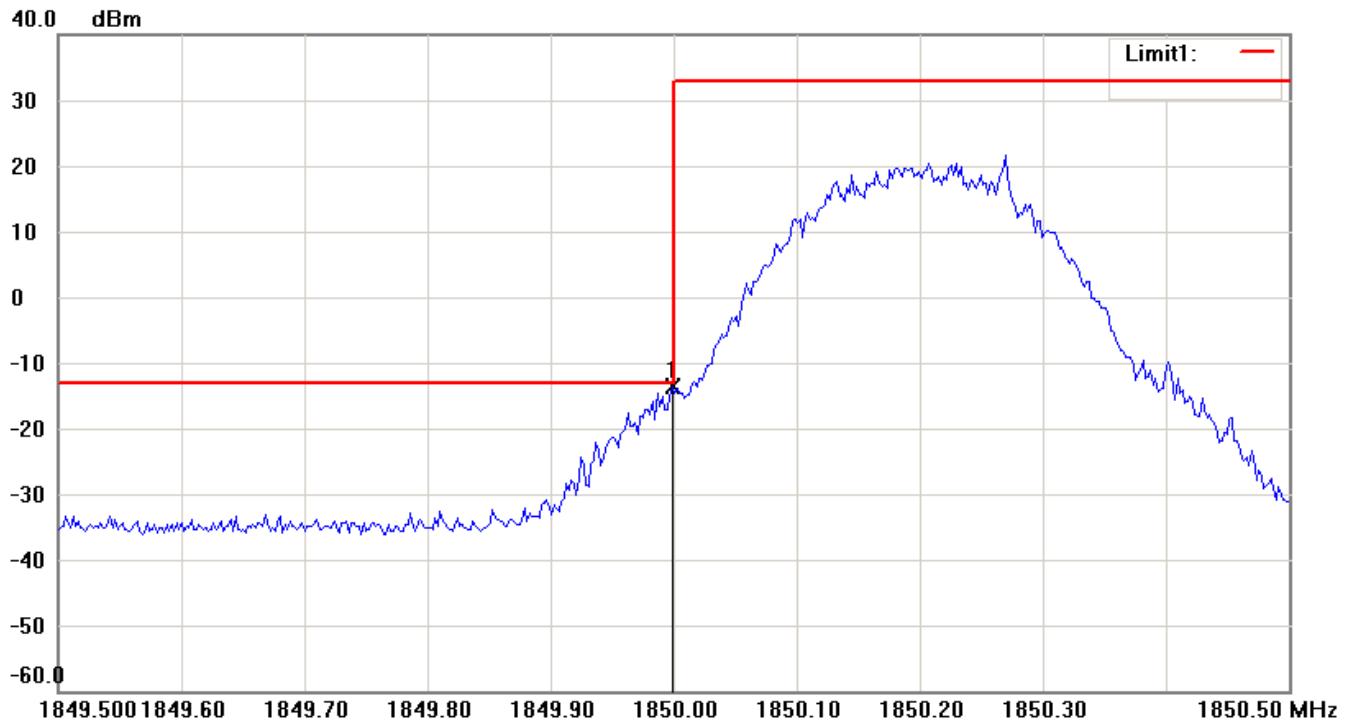
FCC ID: GX9MP

1900 Band – channel 512

Antenna Polarization H



Antenna Polarization V





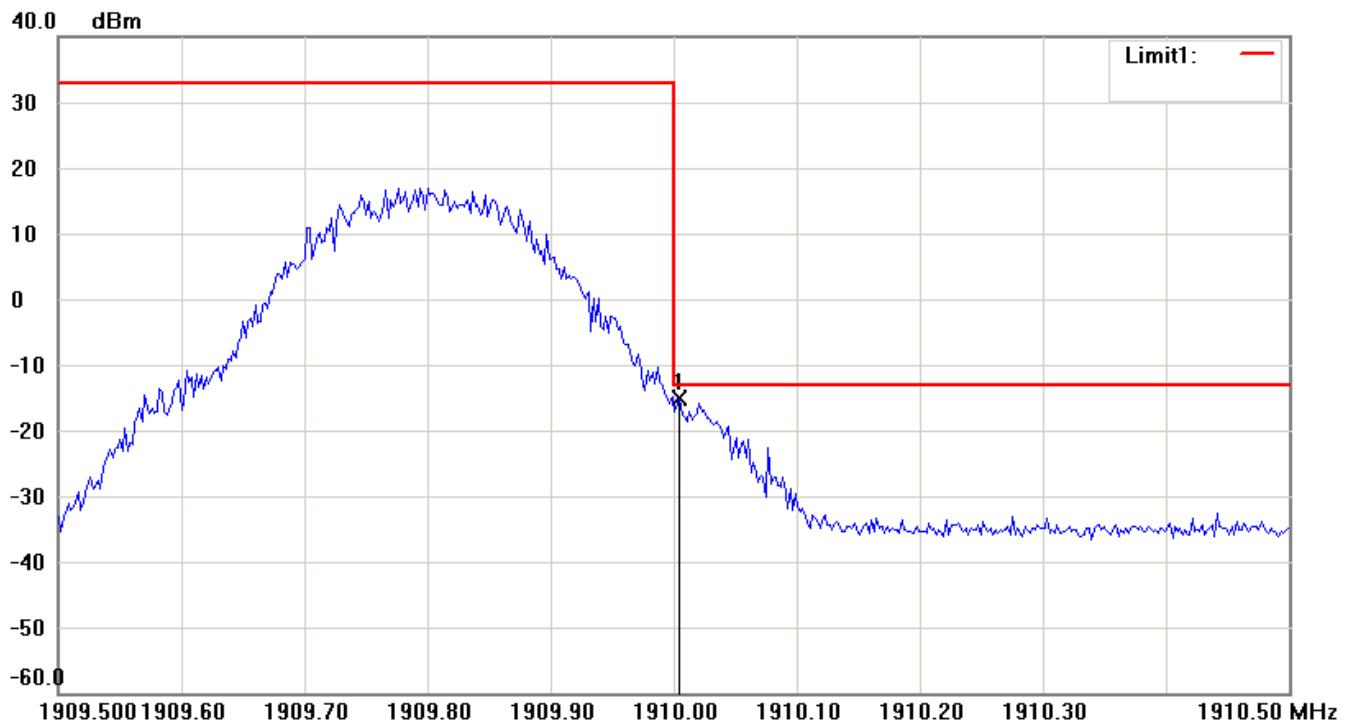
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

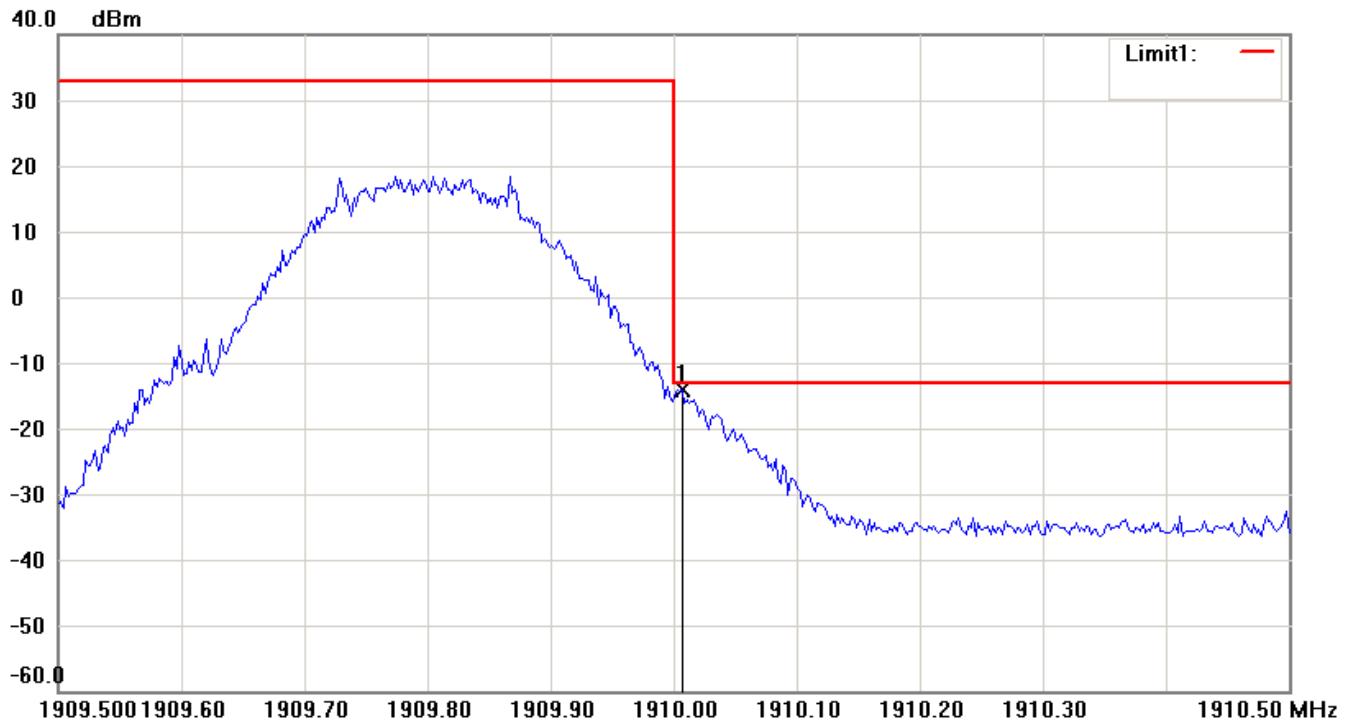
FCC ID: GX9MP

1900 Band – channel 810

Antenna Polarization H



Antenna Polarization V





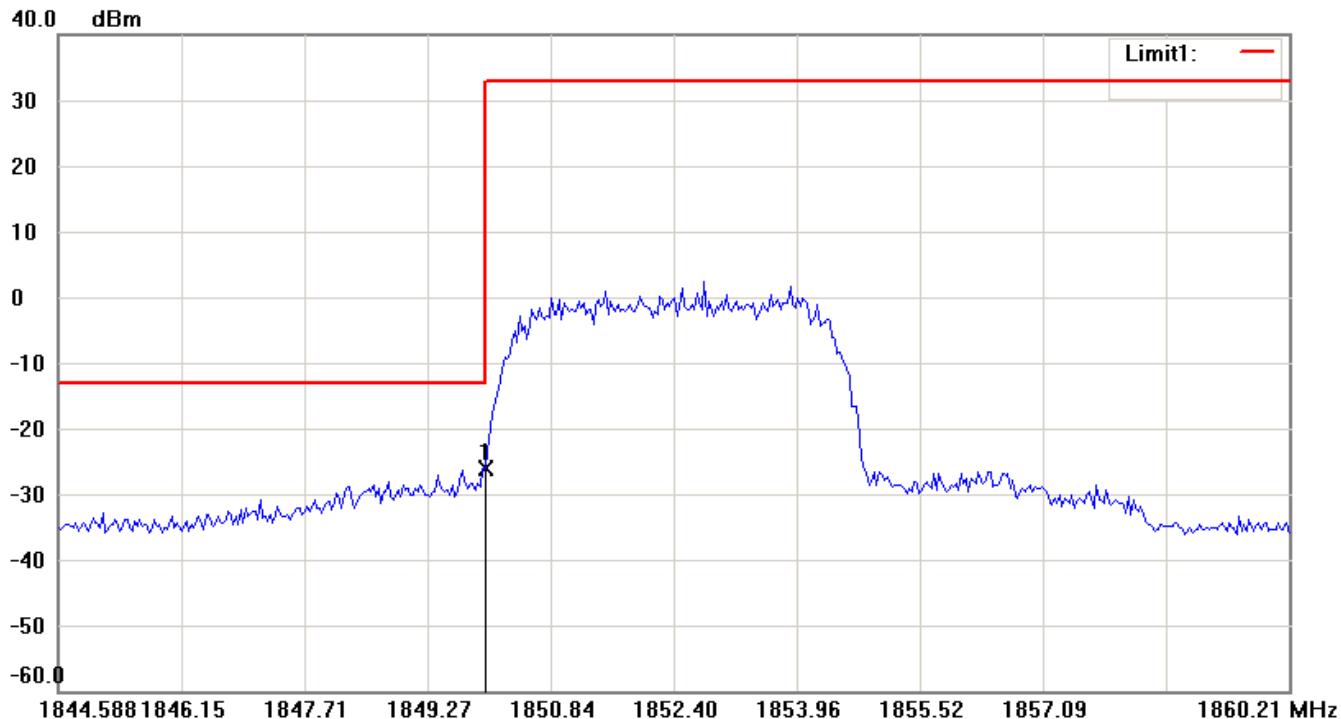
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

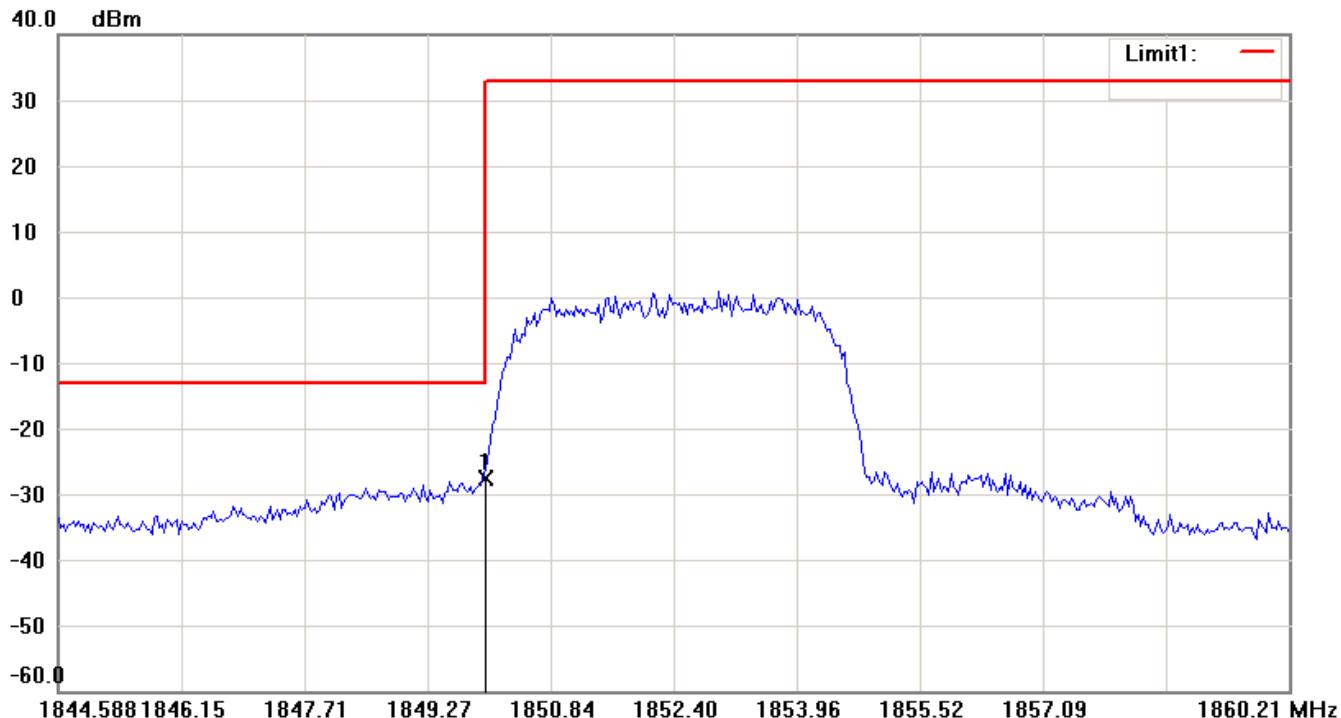
FCC ID: GX9MP

Band II – channel 9262

Antenna Polarization H



Antenna Polarization V





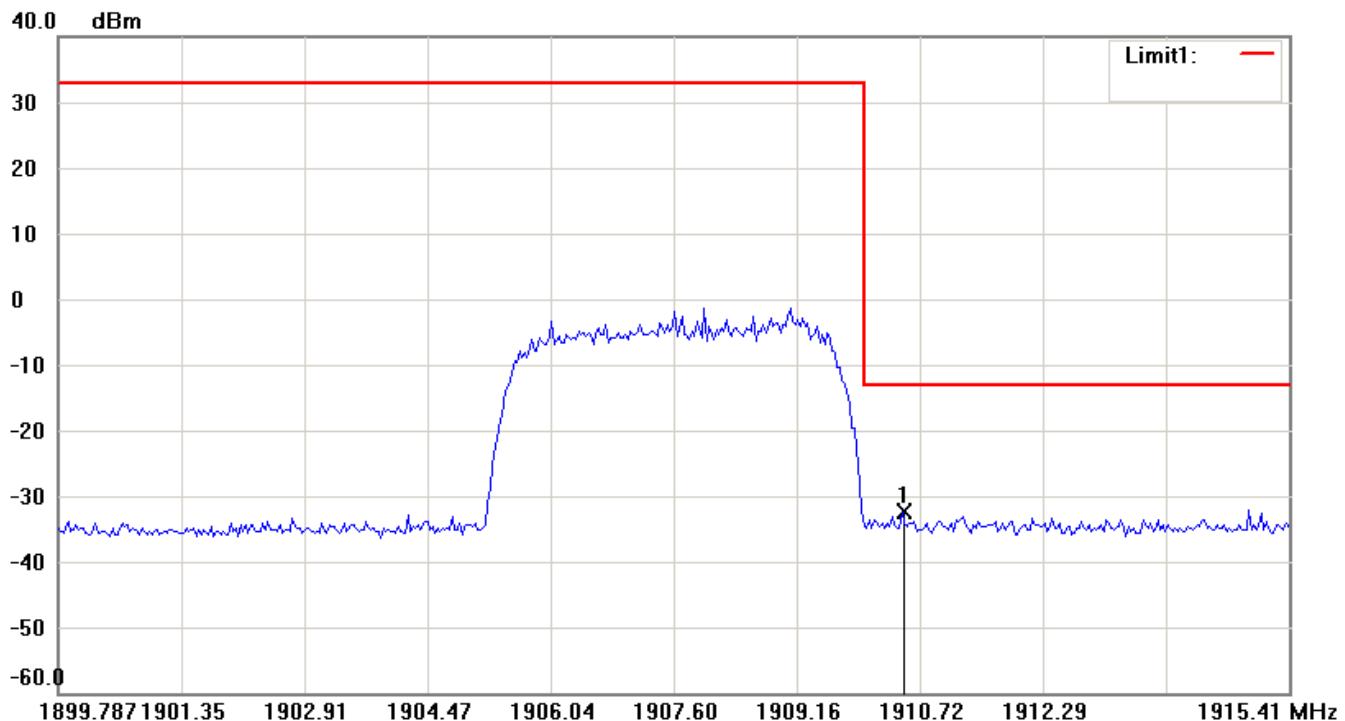
# Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21302-13019-P-2224

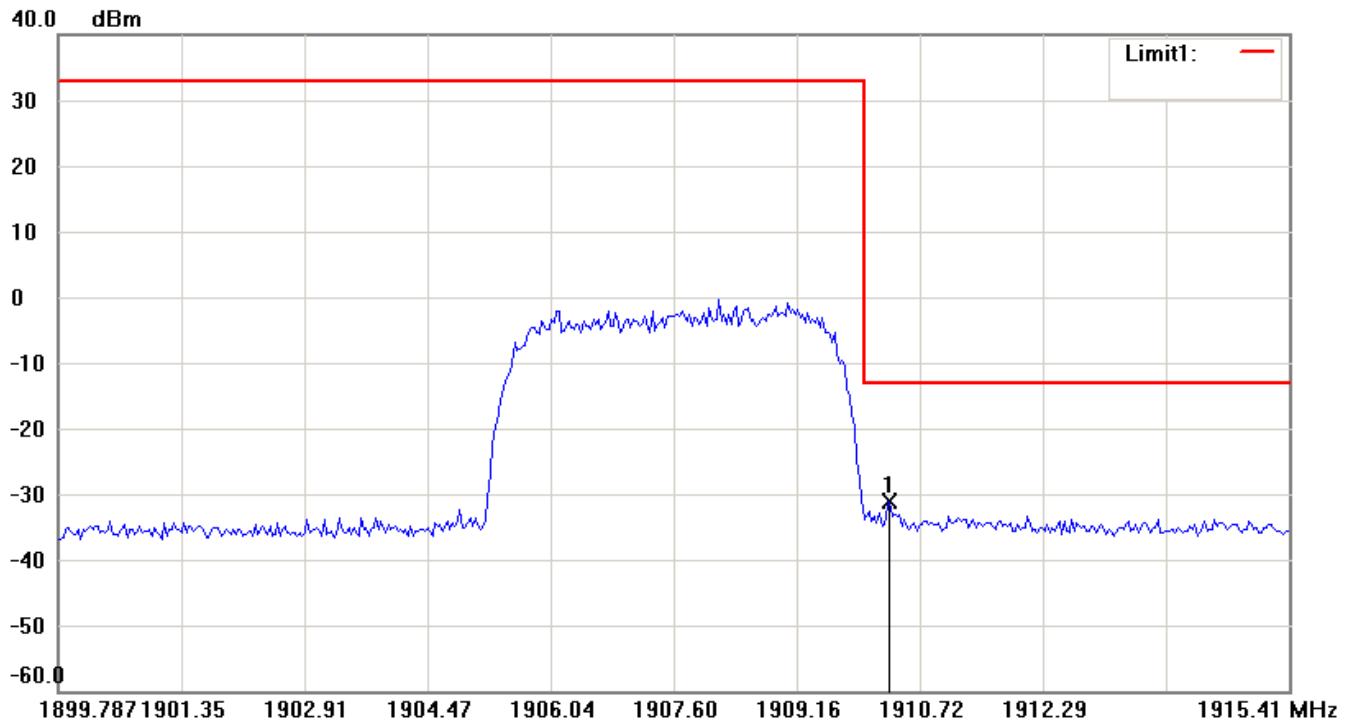
FCC ID: GX9MP

Band II – channel 9538

Antenna Polarization H



Antenna Polarization V





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

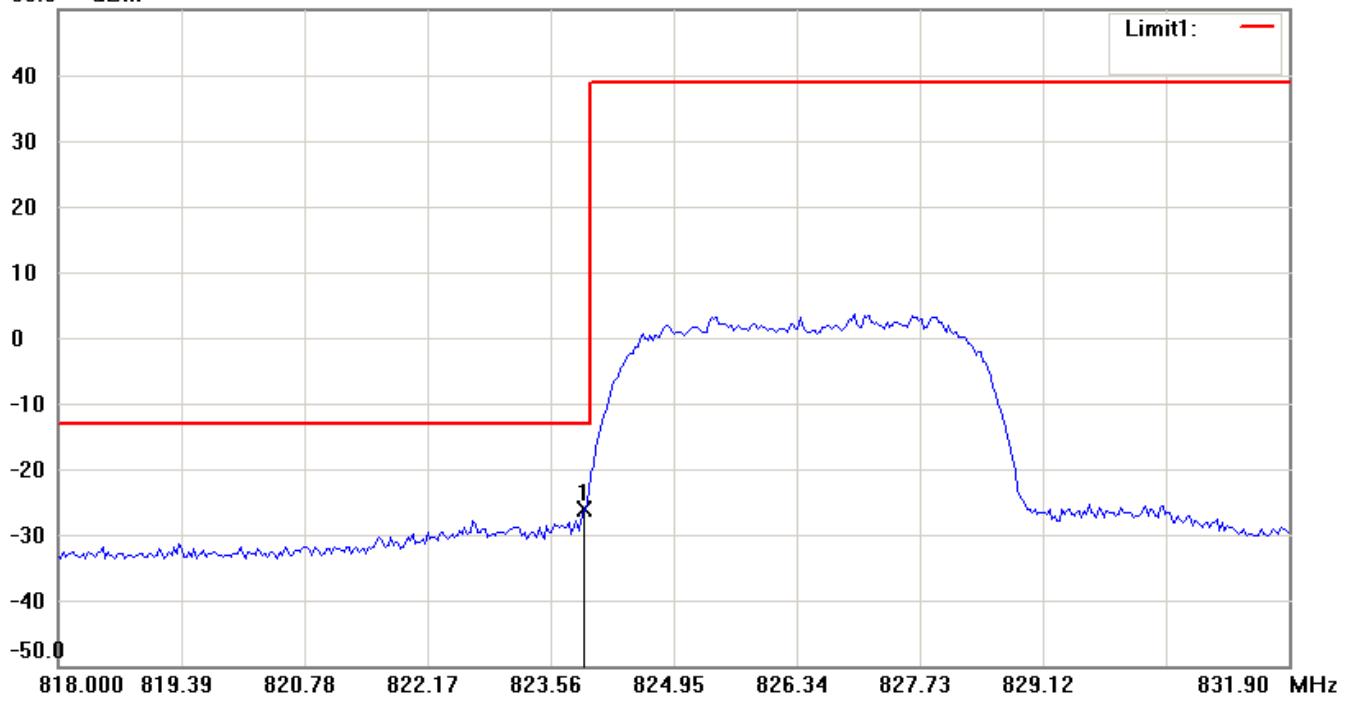
Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band V – channel 4132

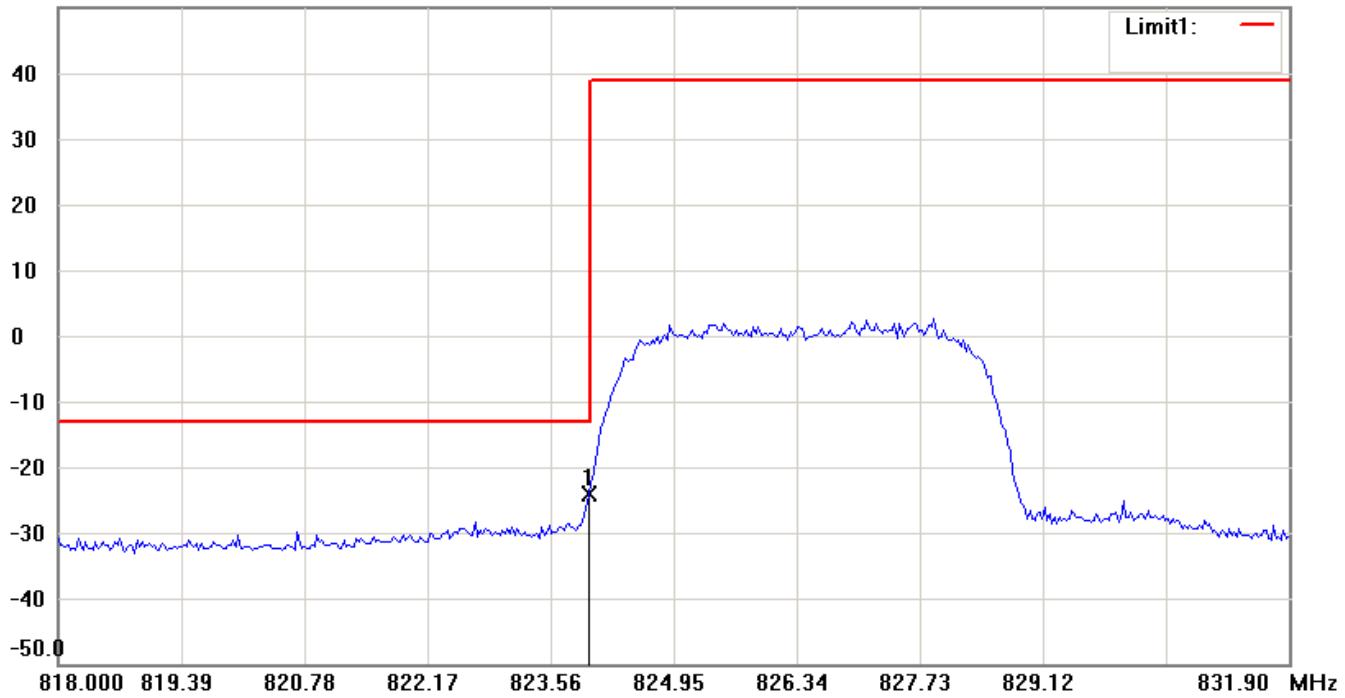
Antenna Polarization H

50.0 dBm



Antenna Polarization V

50.0 dBm

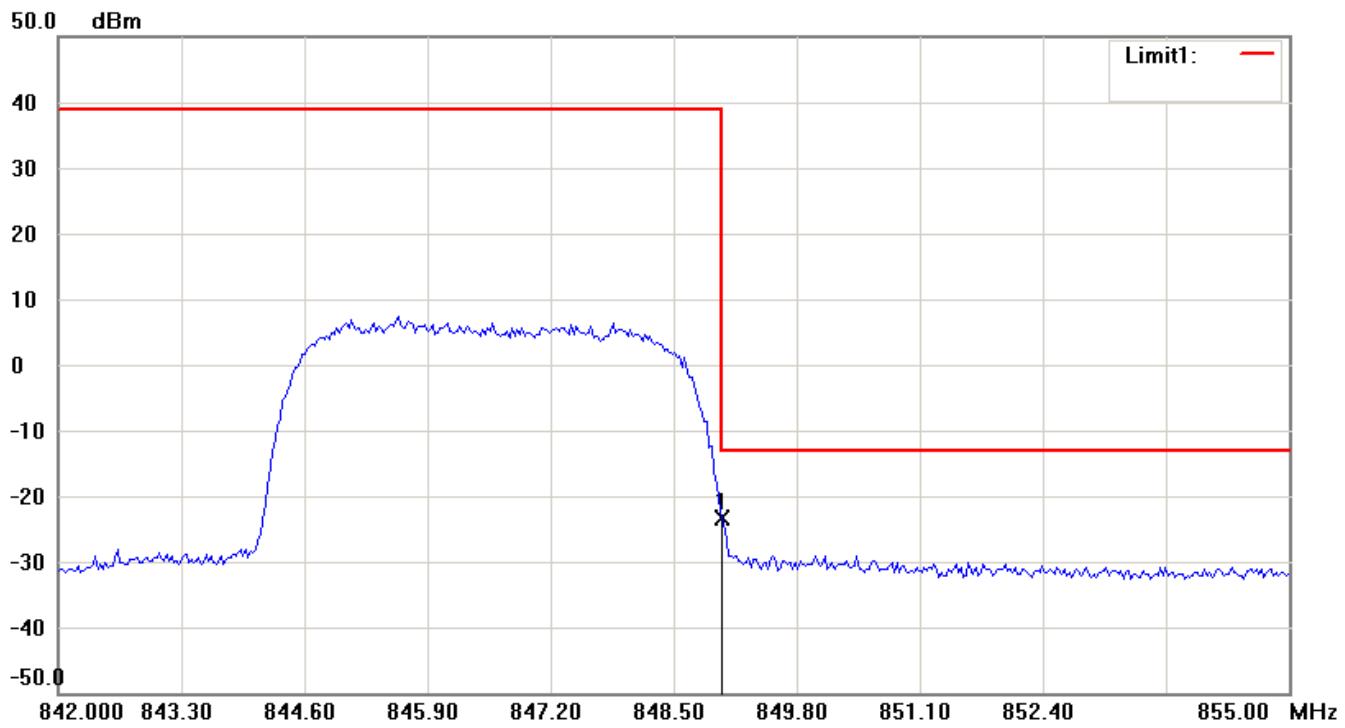


Report Number: W6M21302-13019-P-2224

FCC ID: GX9MP

Band V – channel 4233

Antenna Polarization H



Antenna Polarization V

