

FCC PART 22/24 TEST REPORT

for

Mobile-Lite

Model No.: Mobile-Lite

FCC ID: GX9MOBILE

of

Applicant: Climax Technology Co Ltd

Address: No. 258, Sinhu 2nd Rd., Neihu District Taipei City 114 Taiwan

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: 930600

Industry Canada filed test laboratory Reg. No. IC 5679A-1, IC 5107A-1

A2LA Accredited No.: 2732.01



Report No.: W6M21412-14663-P-2244

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Certification of Test Report

Applicant : Climax Technology Co Ltd
No. 258, Sinhu 2nd Rd., Neihu District Taipei City 114 Taiwan

Manufacturer : Climax Technology Co Ltd
No. 258, Sinhu 2nd Rd., Neihu District Taipei City 114 Taiwan

Tested Equipment :
Type Description : Mobile-Lite
Model Number : Mobile-Lite
Multi-listing model Number : ./.
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 : 25.39 dBm (ERP)
2) Band 1900 MHz : 27.84 dBm (EIRP)
3) BAND II : 21.87 dBm (EIRP)
4) BAND V : 17.78 dBm (ERP)
Power Supply : Adaptor (I/P: 100-240 V~ 50/60 Hz, 0.2 A ;
O/P: 5 V, 1 A)

Battery 3.7 V, 2.15 Wh, 580 mAh

Regulation Applied : 47CFR Part 22 (2013-10) and Part 24 (2013-10)

Test Method : 47CFR Part 2 (2013), TIA/EIA-603C (2010) and
ANSI C63.4 (2014)

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(2013), TIA/EIA-603C (2010), 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:

December 11, 2014

Robert Ren

Date WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

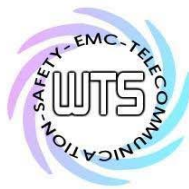
December 11, 2014

Kevin Wang

Date WTS

Name

Signature

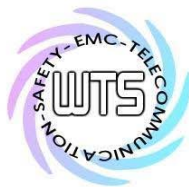


Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

TABLE OF CONTENTS

1. SUMMARY	2
1.1 DESCRIPTION OF TESTED EQUIPMENT	2
1.2 DATE OF TESTING PROCESSING	2
1.3 MODIFICATION INFORMATION	2
1.4 TEST STANDARDS.....	2
1.5 SUMMARY OF TEST RESULT.....	3
2. GENERAL INFORMATION	4
2.1 TESTING LABORATORY	4
2.1.1 Location	4
2.1.2 Details of accreditation status	4
2.1.3 Test location, where different from Worldwide Testing Services (Taiwan) Co., Ltd.	4
2.2 DETAILS OF APPROVAL HOLDER.....	4
2.3 DESCRIPTION OF TESTED SYSTEM.....	5
2.4 TEST ENVIRONMENT	5
2.5 GENERAL TEST REQUIREMENT	6
2.6 TEST EQUIPMENT LIST.....	7
3. RF POWER OUTPUT	9
3.1 TEST PROCEDURE.....	9
3.1.1 Conducted Method.....	9
3.1.2 Radiated Method.....	9
3.2 TEST RESULTS	11
4. MODULATION CHARACTERISTICS	24
4.1 TEST PROCEDURE.....	24
4.2 TEST RESULTS	24
5. OCCUPIED BANDWIDTH.....	25
5.1 TEST PROCEDURE.....	25
5.2 TEST RESULTS	25
6. SPURIOUS EMISSIONS AT ANTENNA TERMINALS	38
6.1 TEST PROCEDURE.....	38
6.2 TEST RESULTS	38
6.3 EXPLANATION OF TEST RESULT.....	86
6.4 CALCULATION OF LIMIT FOR SPURIOUS AT ANTENNA TERMINALS.....	86
7. FIELD STRENGTH OF SPURIOUS RADIATION	87
7.1 TEST PROCEDURE.....	87
7.2 TEST RESULTS	87
7.3 EXPLANATION OF TEST RESULT.....	88
7.4 CALCULATION OF LIMIT FOR FIELD STRENGTH OF SPURIOUS	88
7.5 TEST RESULT OF BAND EDGE EMISSIONS	89
8. FREQUENCY STABILITY	105
8.1 TEST PROCEDURE.....	105
8.2 TEST RESULTS	106
8.2.1 Frequency Stability vs. Temperature	106
APPENDIX.....	108



Report Number: W6M21412-14663-P-2224
FCC ID: GX9MOBILE

1. Summary

1.1 Description of tested equipment

This equipment under tested, Mobile-Lite with built-in GSM850/PCS1900 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), 25.39 dBm / 0.3459 W (ERP)
1850.2-1909.8MHz (Cellular, Part 24), 27.84 dBm / 0.6081 W (EIRP)
Band II (Cellular, Part 24), 21.87 dBm / 0.1538 W (EIRP)
Band V (Cellular, Part 22), 17.78 dBm / 0.06 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: December 03, 2014

Test finished: December 11, 2014

Other Information: None

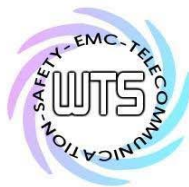
1.3 Modification Information

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

1.4 Test standards

Technical standard: **FCC Part 2(2013), TIA/EIA-603C (2010), ANSI C63.4(2014)
47CFR Part 22 (2013-10), and Part 24 (2013-10)**

Deviation from test standard: None



Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

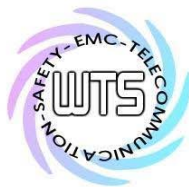
1.5 Summary of test result

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



Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

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, IC 5107A-1

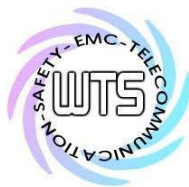


2.1.3 Test location, where different from Worldwide Testing Services (Taiwan) Co., Ltd.

Name: ./.
Accredited number: ./.
Street: ./.
Town: ./.
Country: ./.
Telephone: ./.
Fax: ./.

2.2 Details of approval holder

Name: Climax Technology Co Ltd
Street: No. 258, Sinhu 2nd Rd., Neihu District
Town: Taipei City 114
Country: Taiwan
Telephone: +886-2-2794-0001
Fax: +886-2-2792-6618



Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

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: PIFA Antenna

Antenna Gain: Band 850MHz & BAND V: 1.84 dBi
Band 1900MHz & BAND II: 1.69 dBi

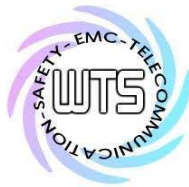
Power supply: Adaptor (I/P: 100-240 V~ 50/60 Hz, 0.2 A ;
O/P: 5 V, 1 A)
Battery 3.7 V, 2.15 Wh, 580 mAh

2.4 Test environment

Temperature: 27 °C

Relative humidity content: 54 %

Air pressure: 86-103 Kpa



Report Number: W6M21412-14663-P-2224
FCC ID: GX9MOBILE

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.

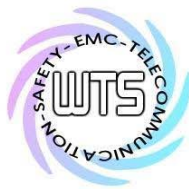
For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

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.



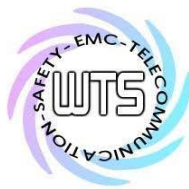
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Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

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	2014/9/2	2015/9/1
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 008	HF-EICHLITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function Test	
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2014/7/8	2015/7/7
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2014/10/13	2015/10/12
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2014/9/2	2015/9/1
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2014/9/2	2015/9/1
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	2014/10/15	2015/10/14
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2014/7/01	2015/6/30
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2014/2/25	2015/2/24
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	2014/2/18	2015/2/17
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2014/3/3	2015/3/2
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2014/3/3	2015/3/2
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2014/3/3	2015/3/2
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2014/6/05	2015/6/04
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2014/3/3	2015/3/2
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2014/11/26	2015/11/25
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	Function Test	
ETSTW-RE 069	Double-Ridged Guide Horn Antenna	3117	00069377	ETS-Lindgren	Function Test	
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2014/10/9	2015/10/8
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2014/9/22	2015/9/21
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2014/3/3	2015/3/2
ETSTW-RE 106	Humidity Temperature Meter	TES-1366	091011113	TES	2014/11/7	2015/11/6
ETSTW-RE 111	TRILOG Super Broadband test Antenna	VULB 9160	9160-3309	Schwarz beck	2013/12/27	2014/12/26
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	None	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2014/1/10	2015/1/09
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2014/6/11	2015/6/10
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2014/8/12	2015/8/11
ETSTW-RE 126	5GHz Notch filter	5NSL11-5800/E221.3-O/O	1	K&L Microwave	2014/8/12	2015/8/11



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2014/3/3	2015/3/2
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2014/8/12	2015/8/11
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2014/8/12	2015/8/11
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2014/10/20	2015/10/19
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2014/1/10	2015/1/09
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2014/1/10	2015/1/09
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2014/1/10	2015/1/09
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2014/1/10	2015/1/09
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2014/9/17	2015/9/16
ETSTW-Cable 010	BNC Cable	5 M BNC Cable	None	JYE BAO CO.,LTD.	2014/10/15	2015/10/14
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.	2014/10/15	2015/10/14
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2014/2/27	2015/2/26
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2014/2/27	2015/2/26
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2014/2/27	2015/2/26
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2014/2/27	2015/2/26
ETSTW-Cable 022	N TYPE Cable	5006	0002	JYE BAO CO.,LTD.	2014/2/19	2015/2/18
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2014/3/3	2015/3/2
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2014/3/3	2015/3/2
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2014/9/22	2015/9/21
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2014/9/22	2015/9/21
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2014/3/3	2015/3/2
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104 (S_Cable 10)	238092	HUBER+SUHNER	2014/11/26	2015/11/25
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2014/11/26	2015/11/25
ETSTW-Cable 047	Microwave Cable	SUCOFLEX 104	325518	HUBER+SUHNER	2014/11/26	2015/11/25
ETSTW-Cable 053	N TYPE To SMA Cable	RG142	None	JYE BAO CO.,LTD.	2014/2/19	2015/2/18
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2014/2/19	2015/2/18
WTSTW-SW 002	EMI TEST SOFTWARE	EZ EMC	None	Farad	Version ETS-03A1	

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

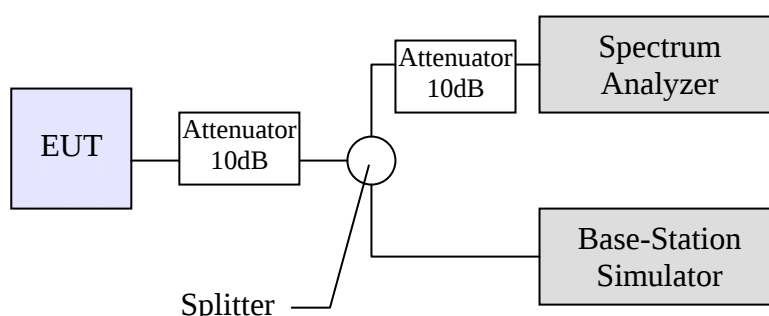
3. RF Power Output

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.

Report Number: W6M21412-14663-P-2224

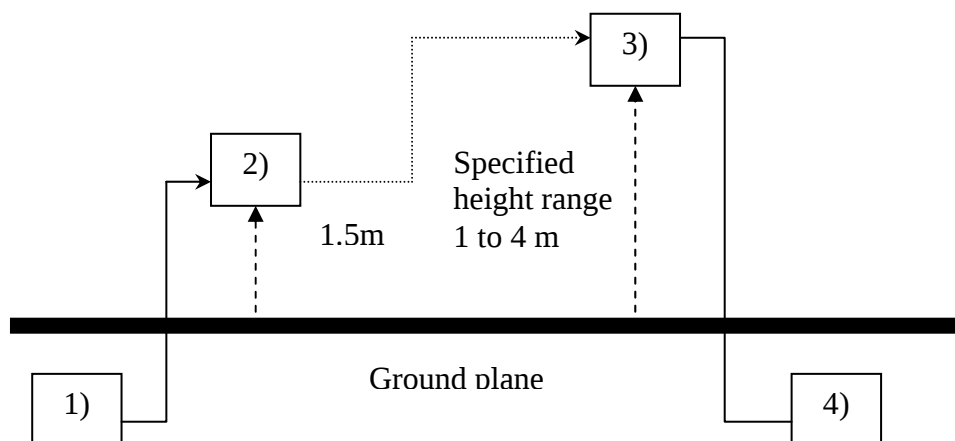
FCC ID: GX9MOBILE

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

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

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.

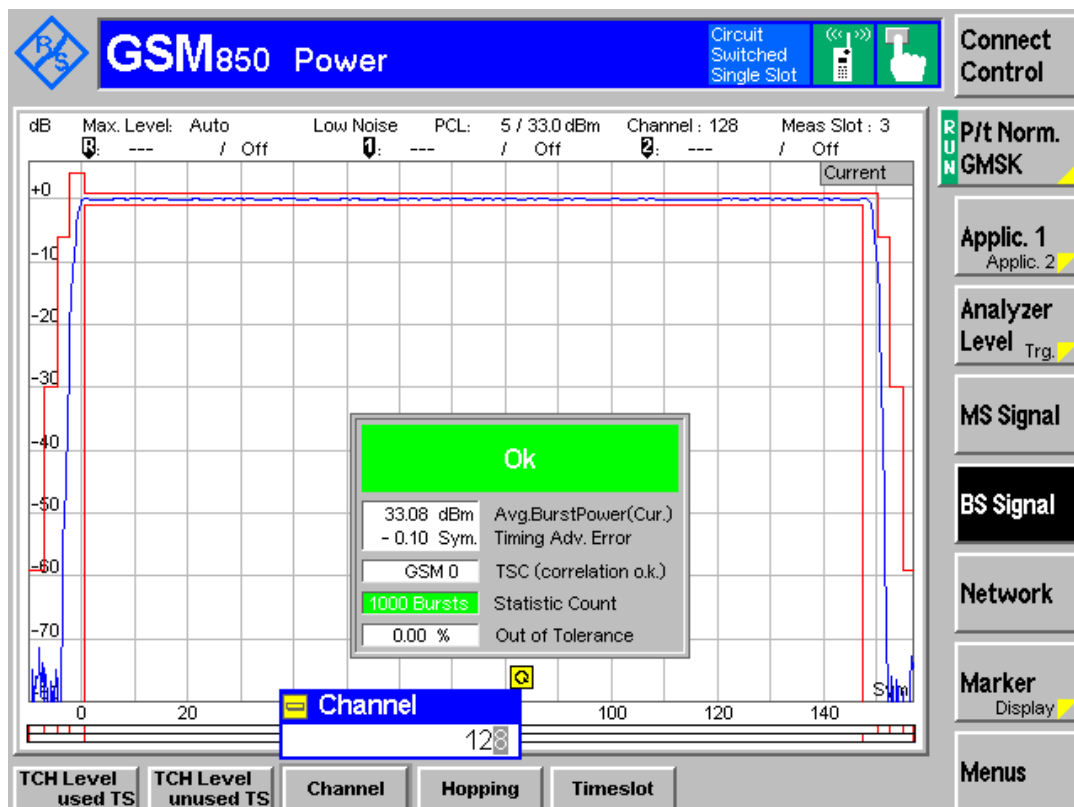
For peak power measurements the sample is turned by the turntable over 360 degree in order to find the direction with the maximum radiation or to document the max reading with the MAXHOLD function during the rotation.

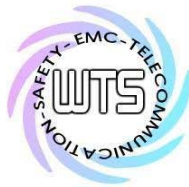
3.2 Test Results

- ☒ Conducted Measurement
- ☐ Radiated Measurement

Band 850 MHz & 1900MHz

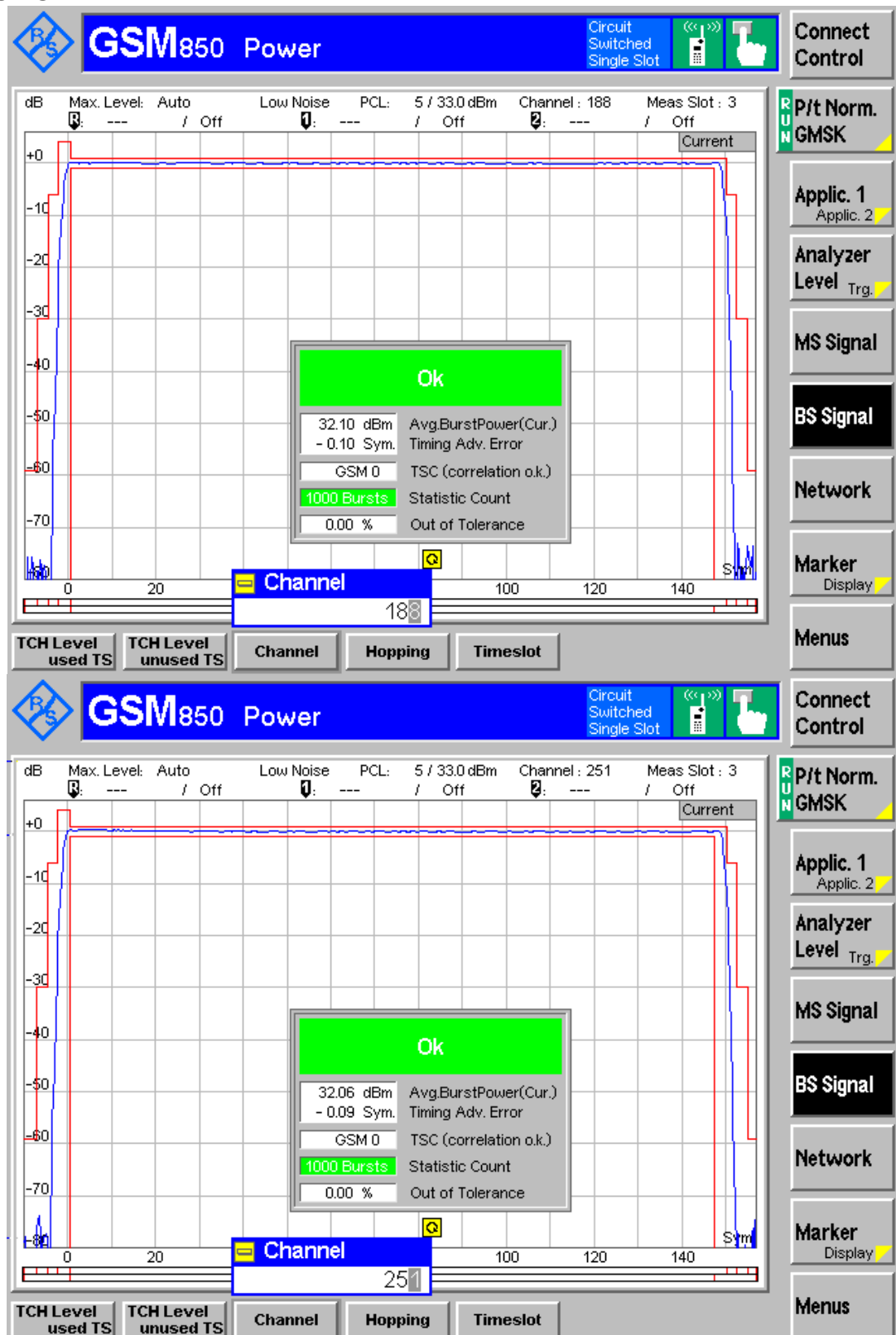
3.7 V

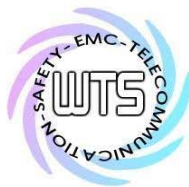




Report Number: W6M21412-14663-P-2224

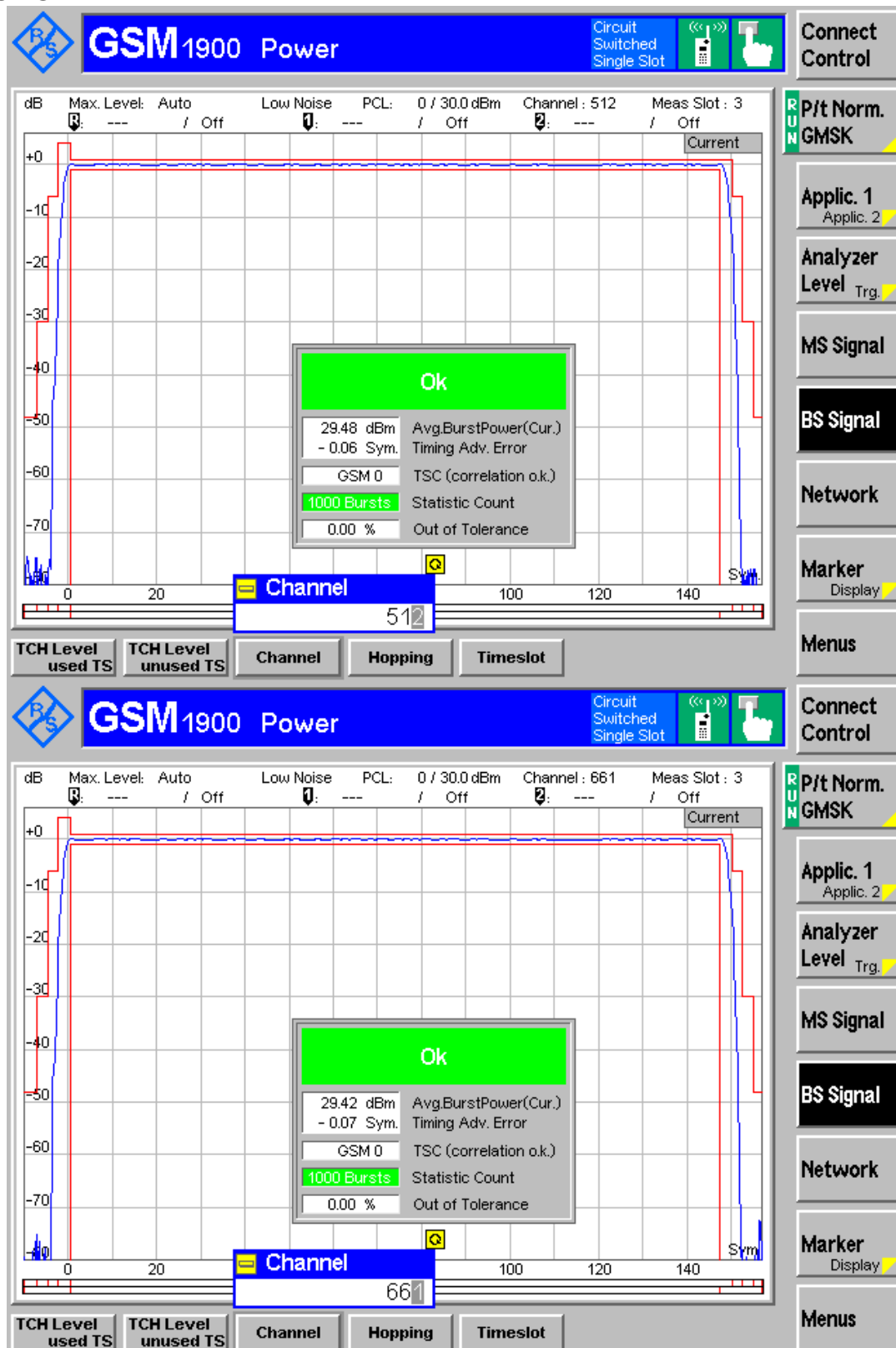
FCC ID: GX9MOBILE





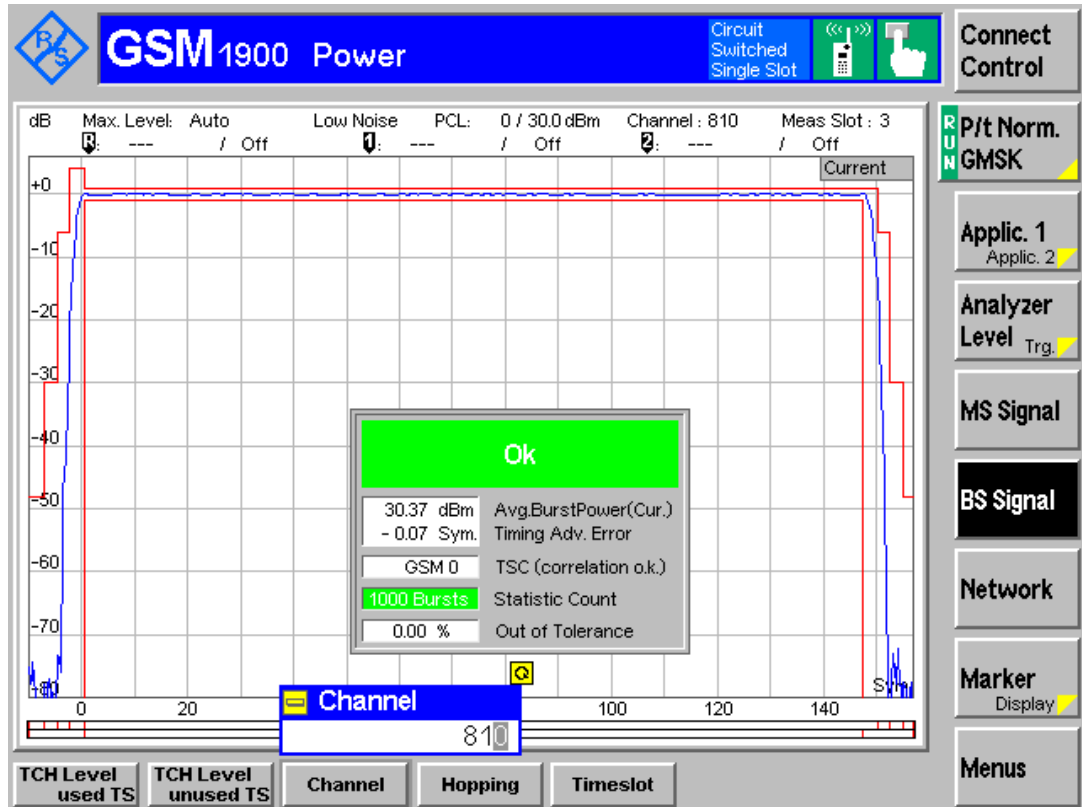
Report Number: W6M21412-14663-P-2224

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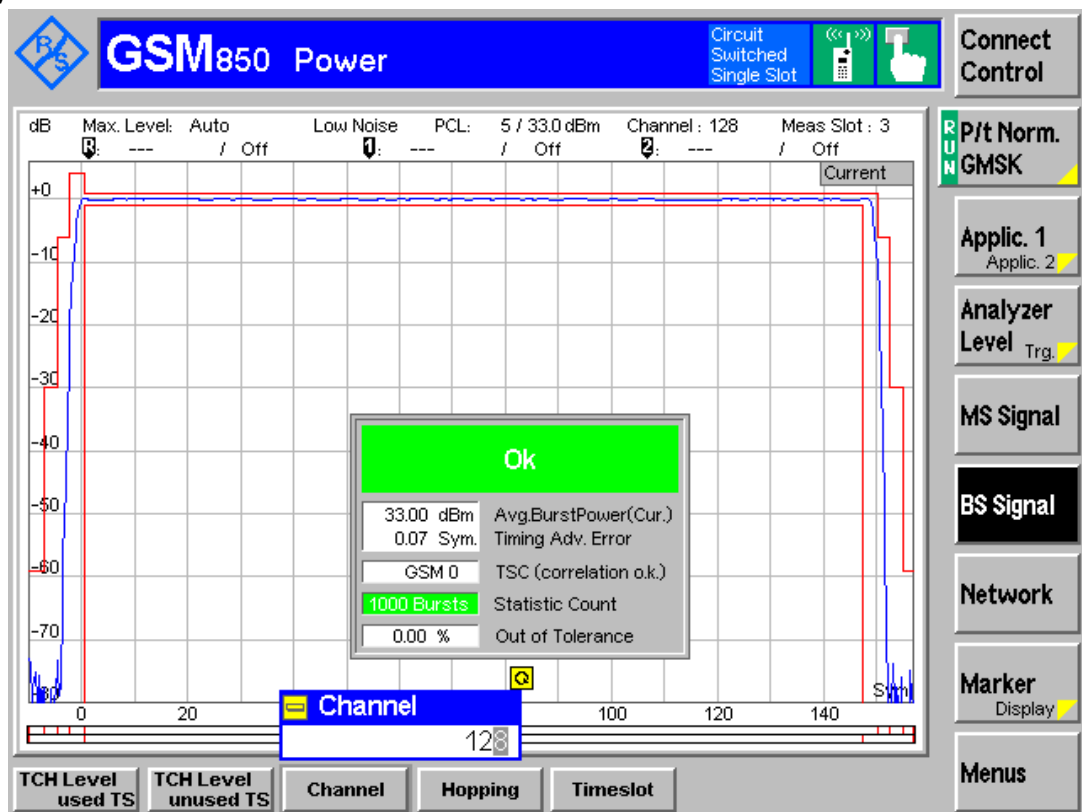


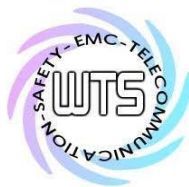
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



3.33 V

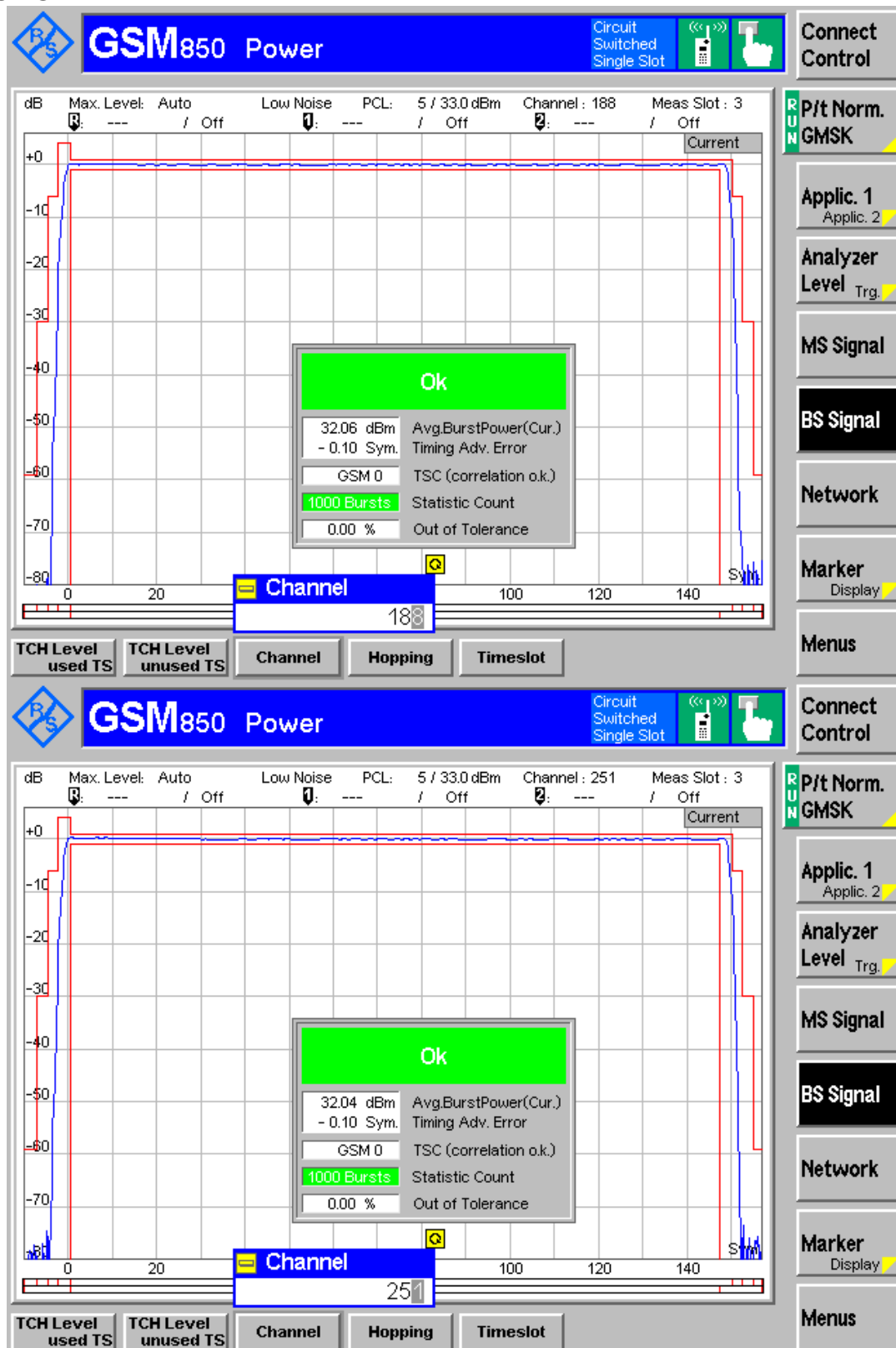


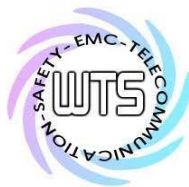


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Report Number: W6M21412-14663-P-2224

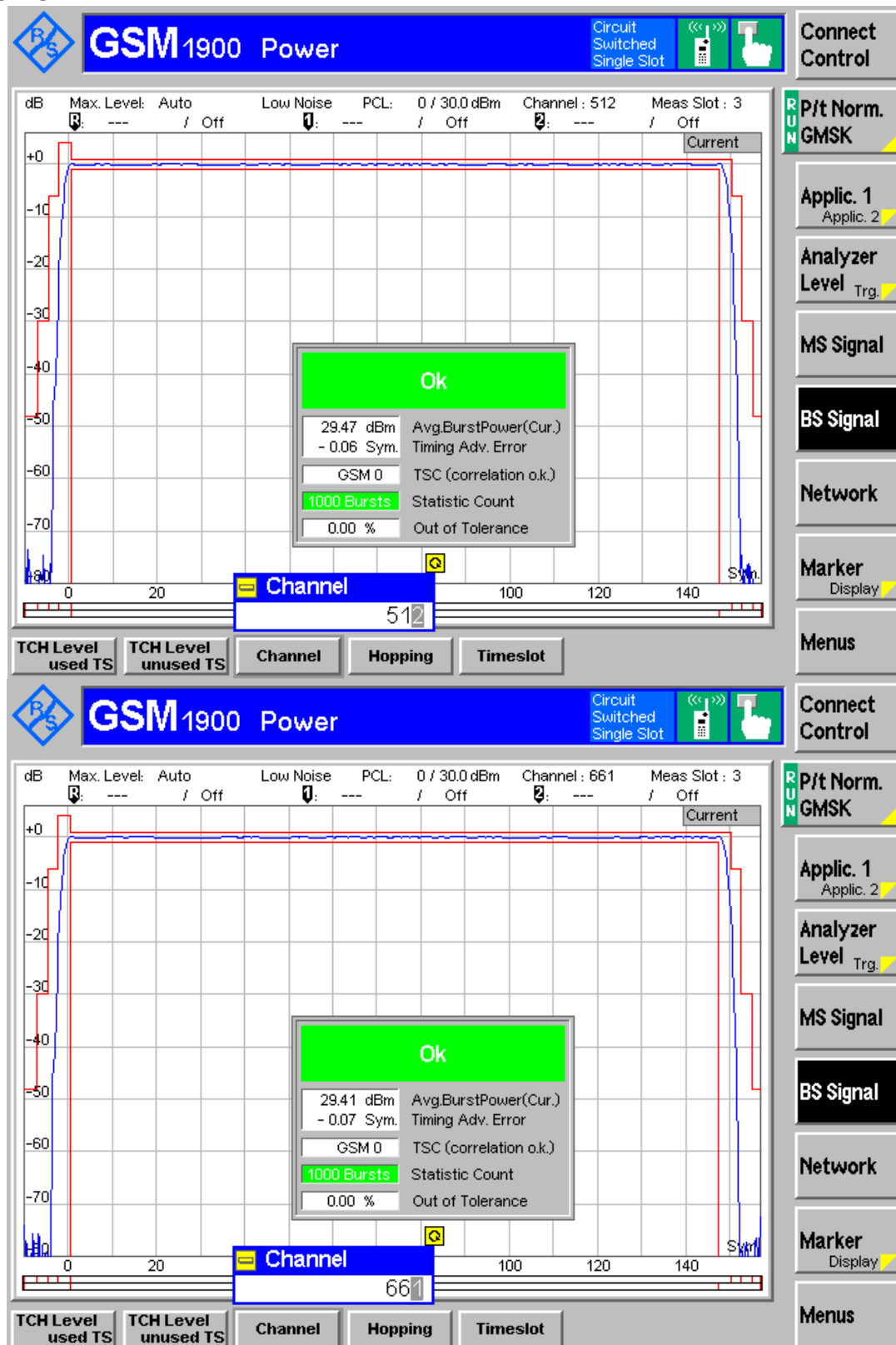
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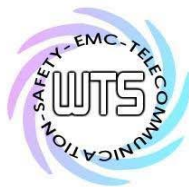




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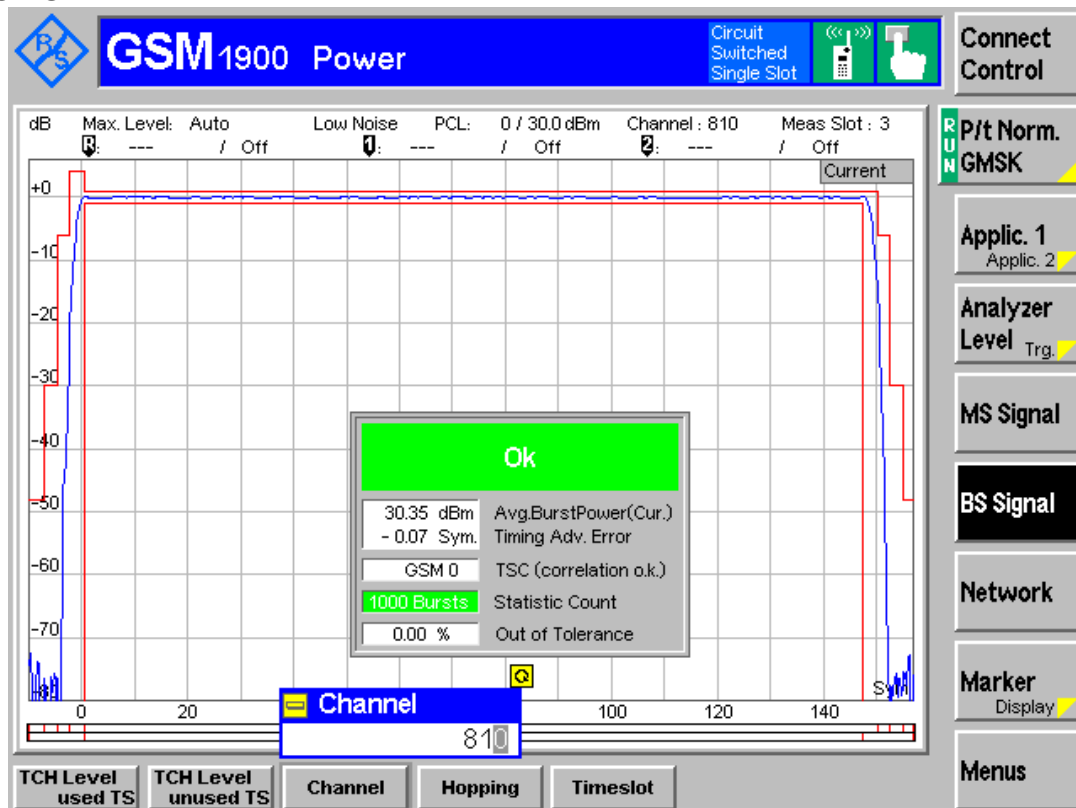
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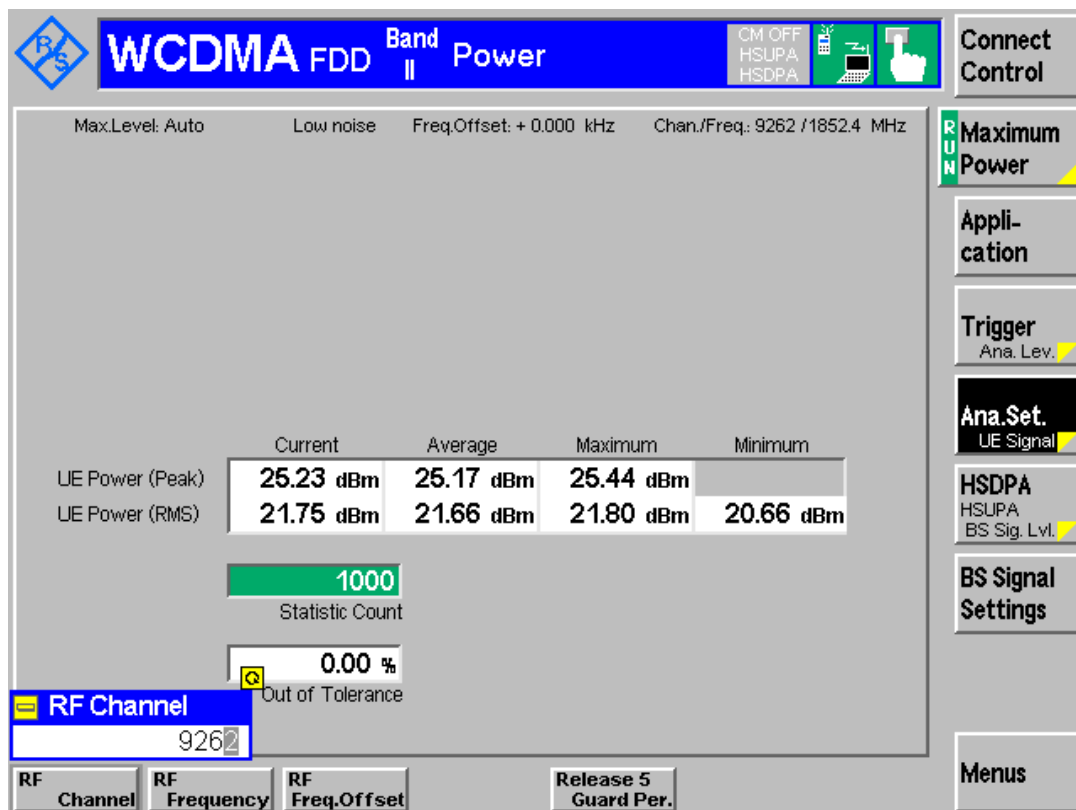
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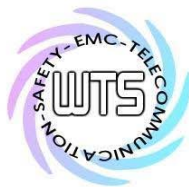
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Band II

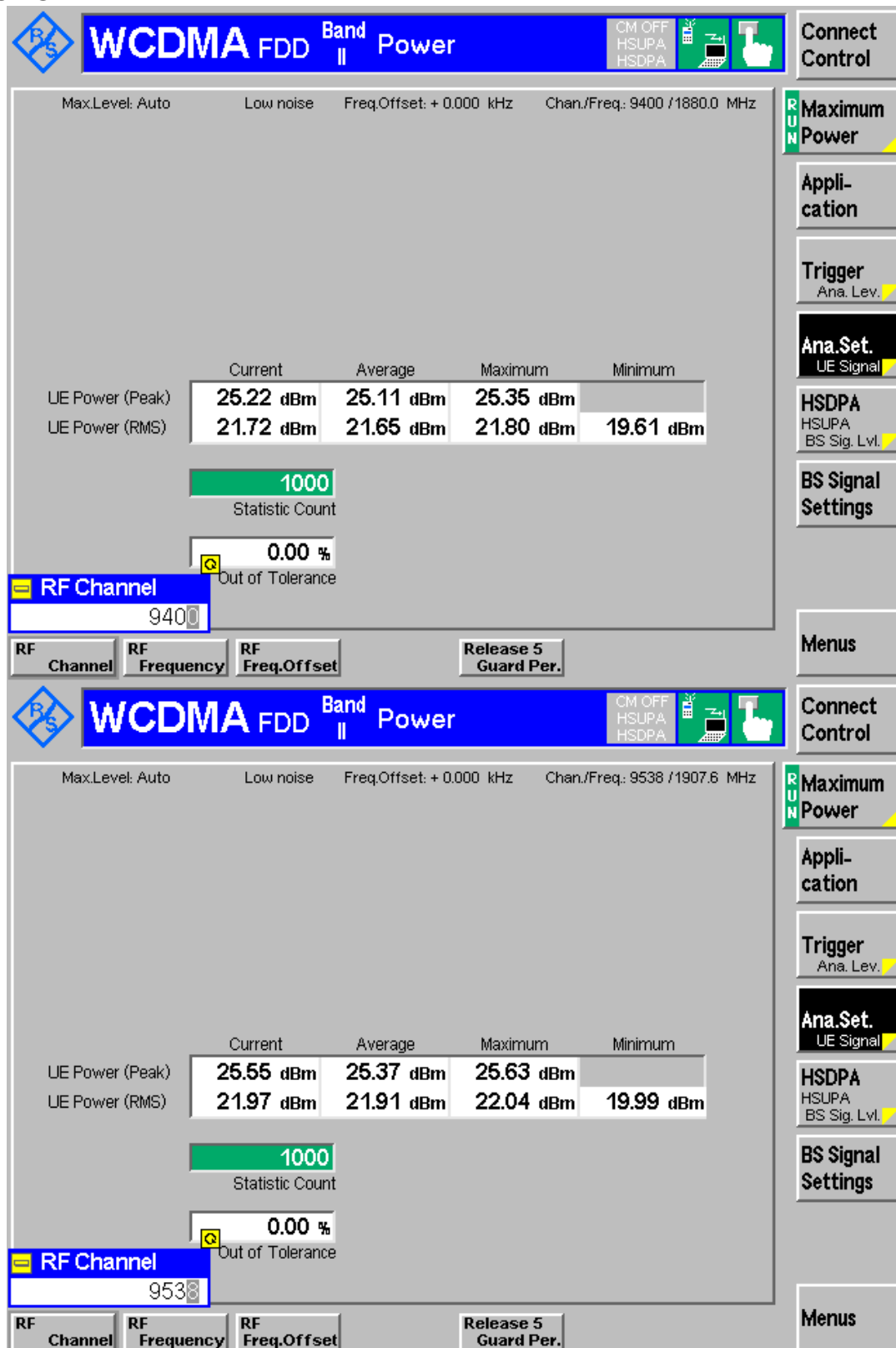
3.7 V

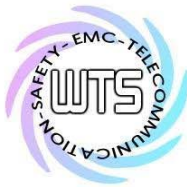




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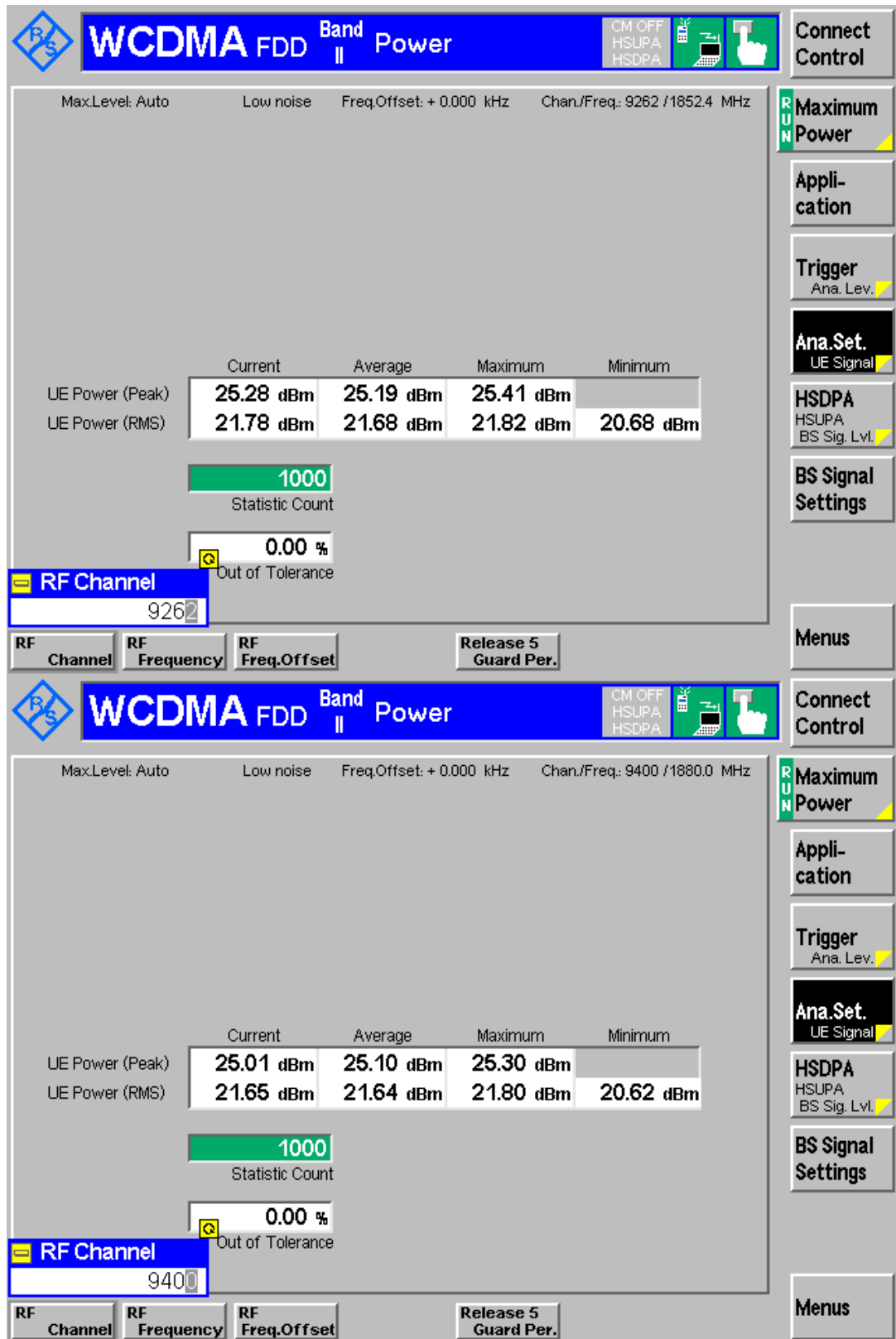


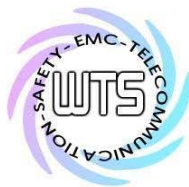


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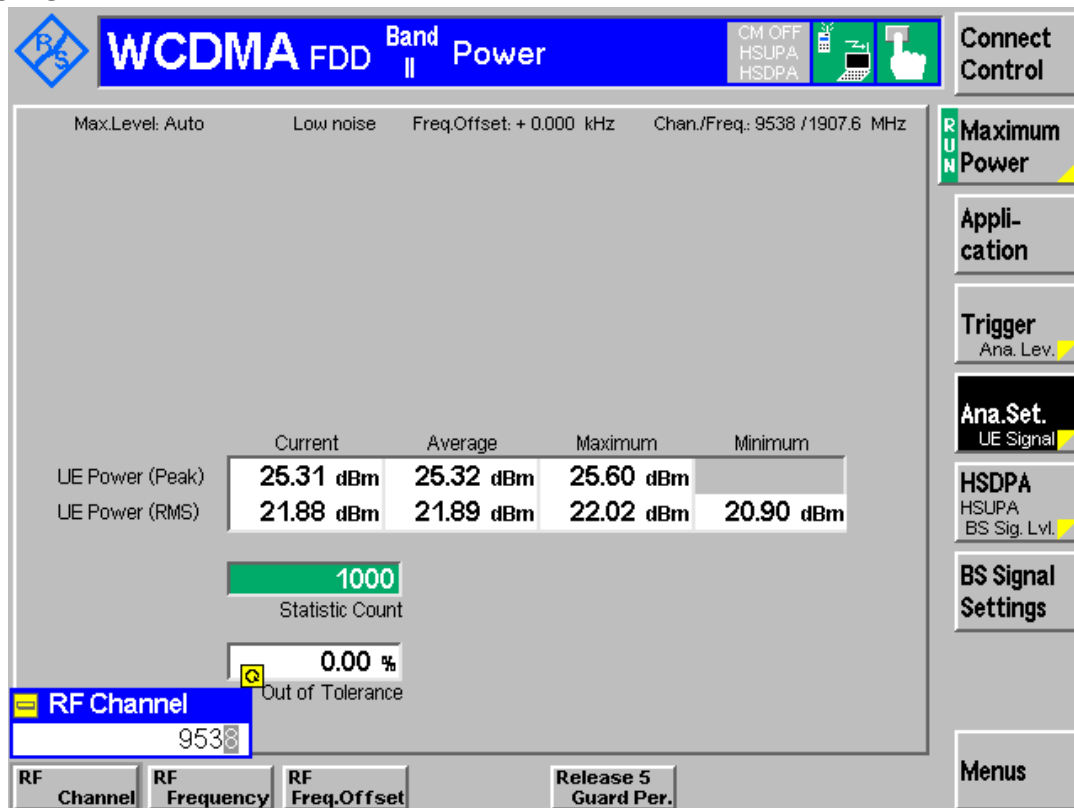
3.33 V





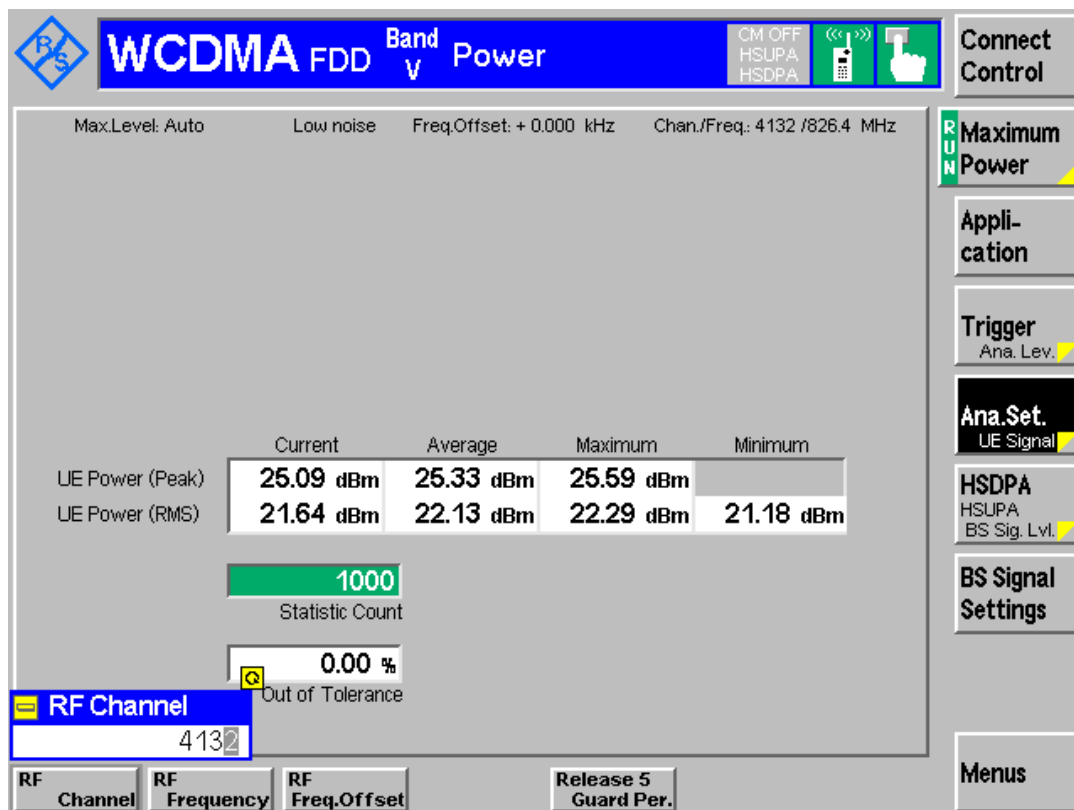
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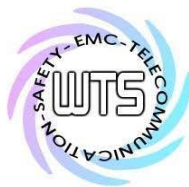
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Band V

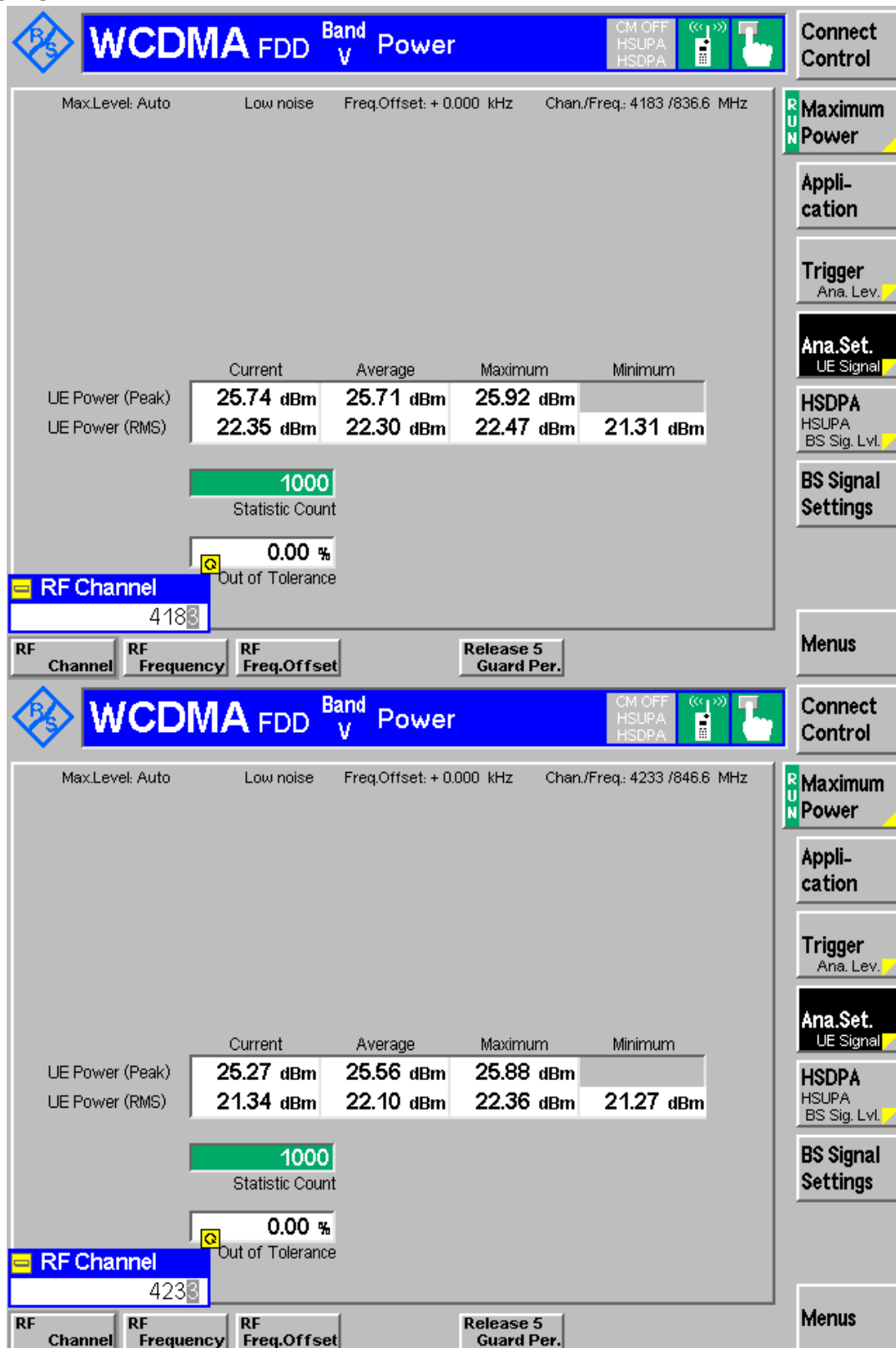
3.7 V

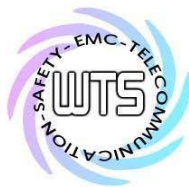




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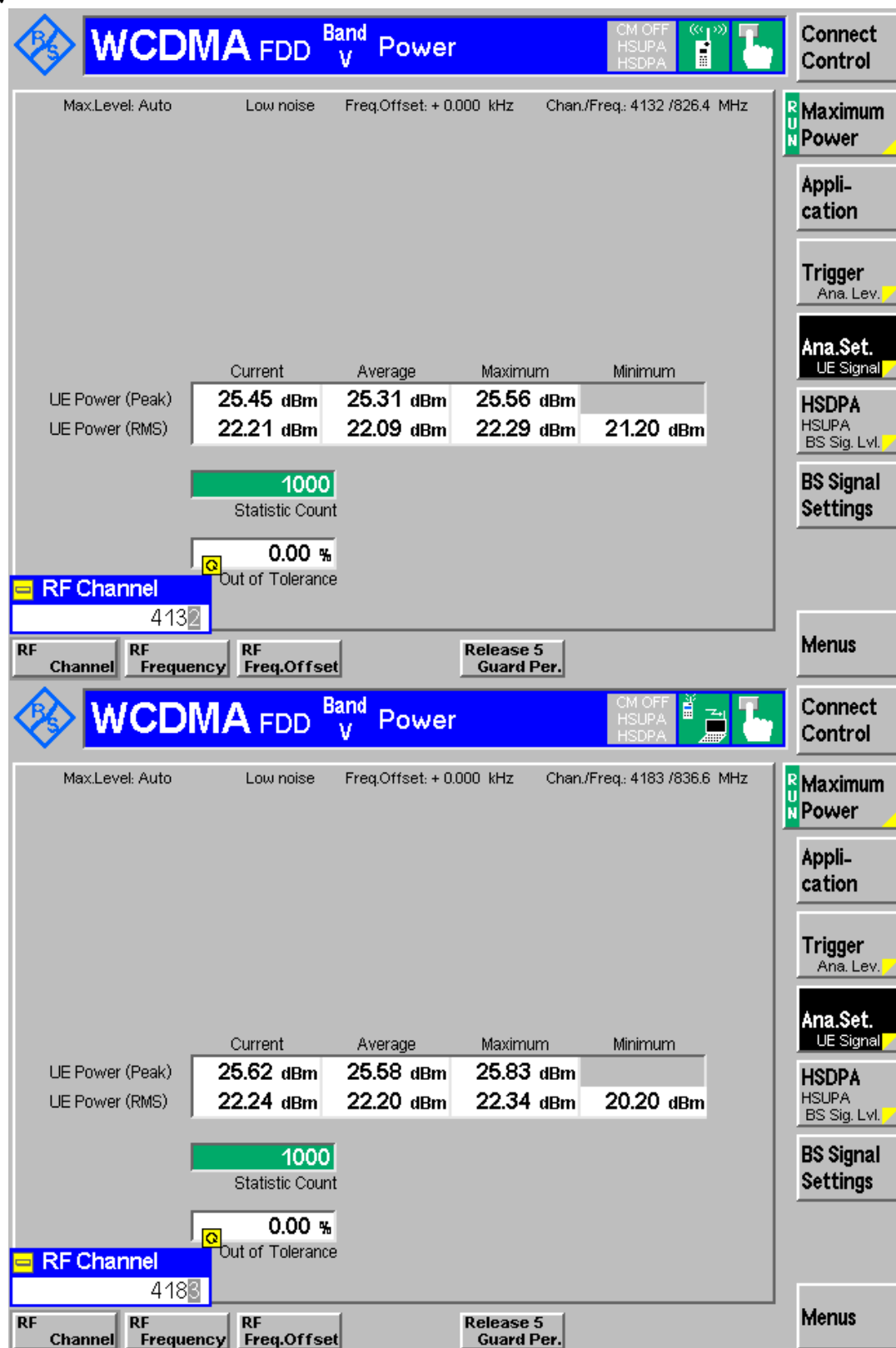


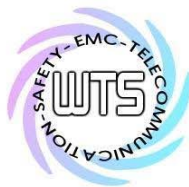


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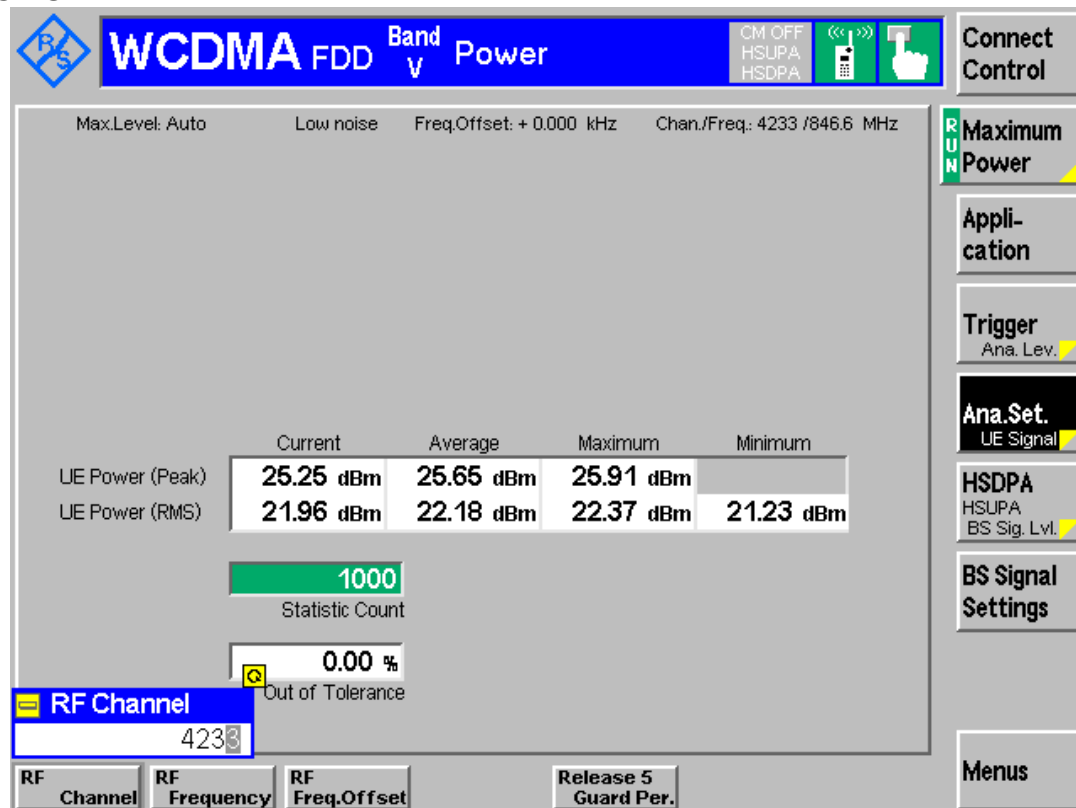
3.33 V





Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



- ☐ Conducted Measurement
☒ Radiated Measurement

Band 850 MHz & 1900 MHz

Frequency (MHz)	ERP (dBm)	EIRP (dBm)	Limit (dBm)	Result
824.1300	25.39	27.54	38.45	Pass
836.1340	23.77	25.92	38.45	Pass
848.8581	23.70	25.85	38.45	Pass
1850.146	25.69	27.84	33	Pass
1880.066	23.66	25.81	33	Pass
1909.734	23.78	25.93	33	Pass

Band II & Band V

Frequency (MHz)	ERP (dBm)	EIRP (dBm)	Limit (dBm)	Result
1852.625	16.16	18.31	33	Pass
1879.343	18.74	20.89	33	Pass
1907.103	19.72	21.87	33	Pass
825.8710	16.66	18.81	38.45	Pass
836.7764	17.78	19.93	38.45	Pass
845.7824	17.33	19.48	38.45	Pass

Test equipment: ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 111, ETSTW-GSM 002

Note: Please refer to appendix for plot data.

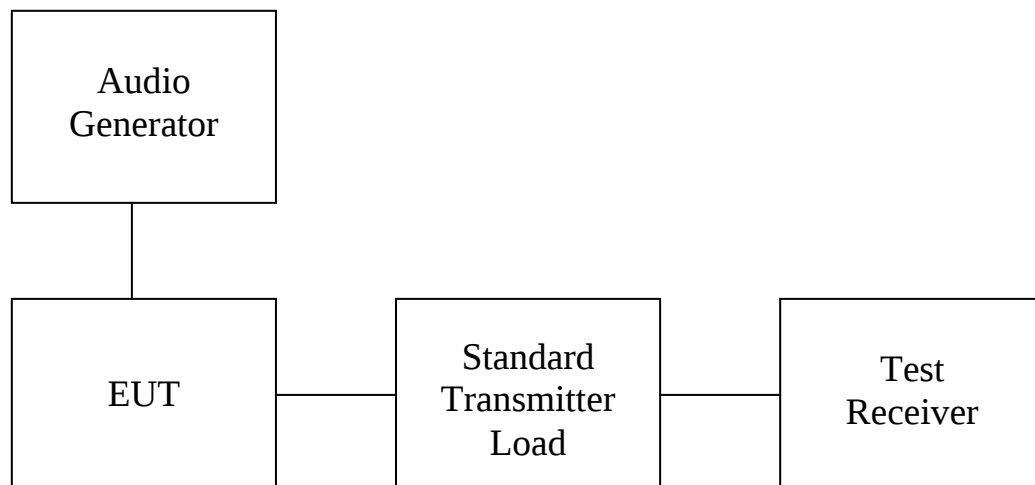
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

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: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

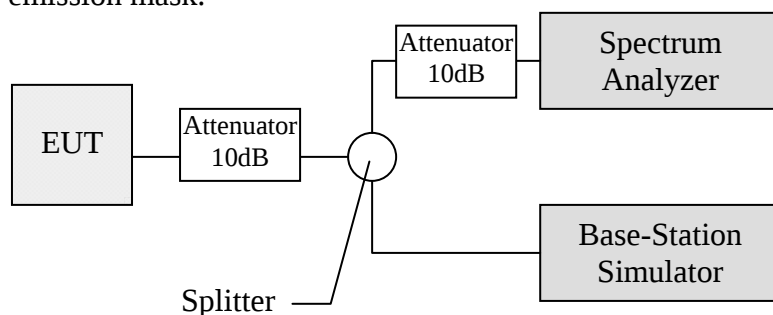
5. Occupied Bandwidth

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

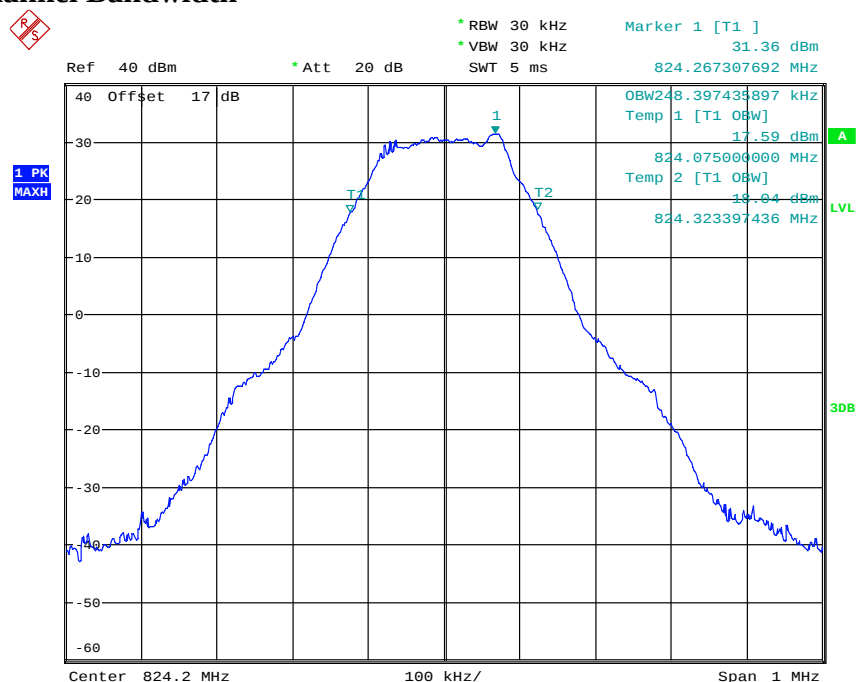
The RF output of the transceiver was connected as the following figure.

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.



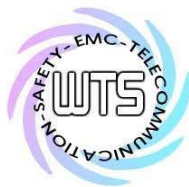
5.2 Test Results

Occupied Channel Bandwidth



OCCUPIED BANDWIDTH GSM850 CH128

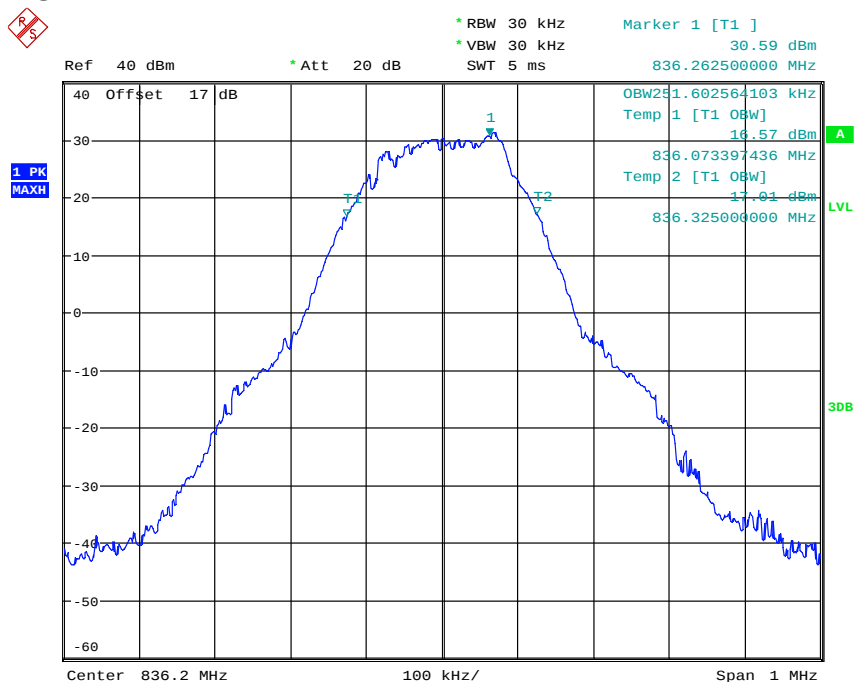
Date: 6.DEC.2014 19:57:48



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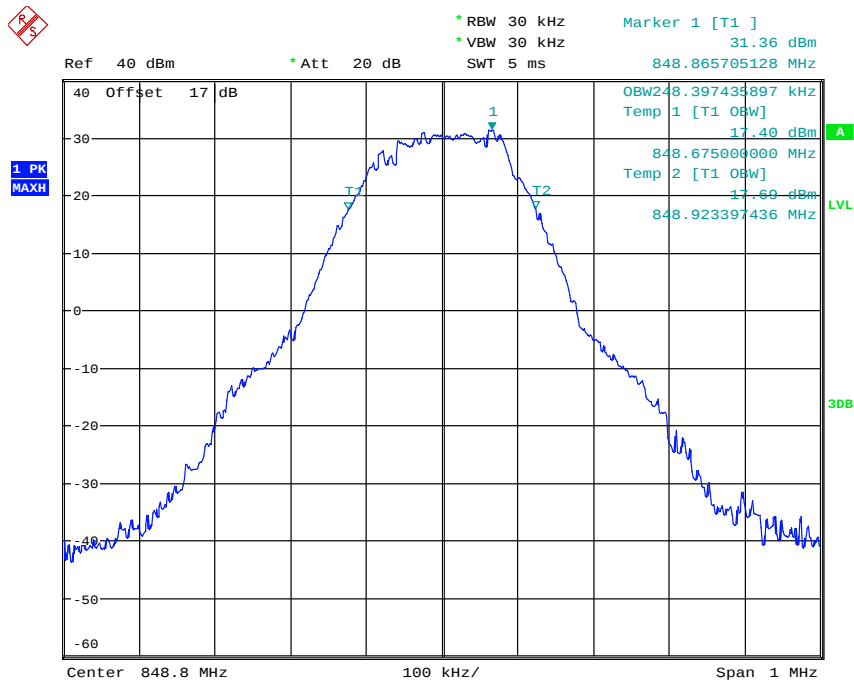
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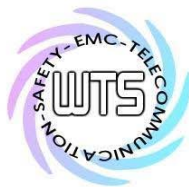
OCCUPIED BANDWIDTH GSM850 CH188

Date: 6.DEC.2014 19:58:10



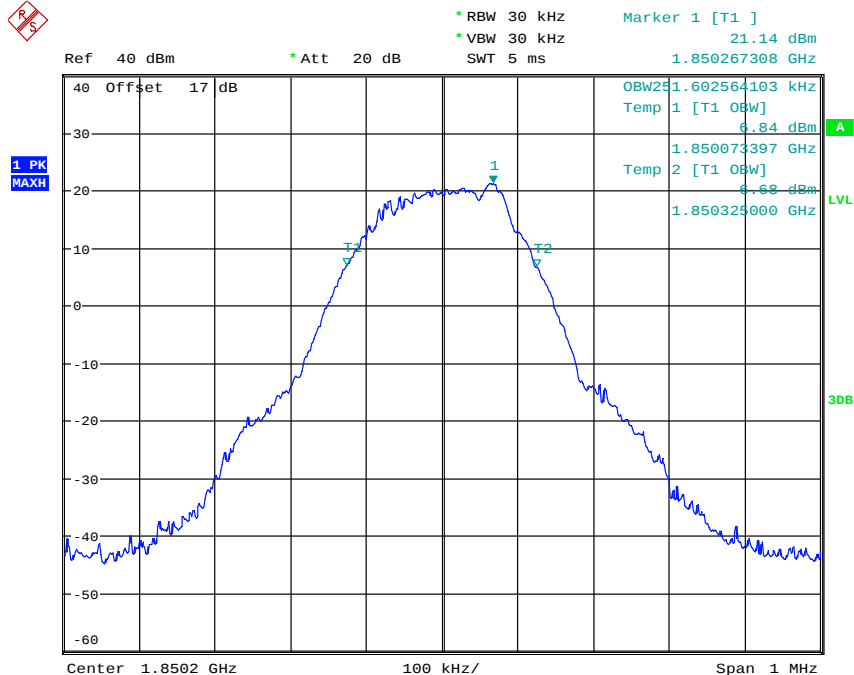
OCCUPIED BANDWIDTH GSM850 CH251

Date: 6.DEC.2014 19:58:36



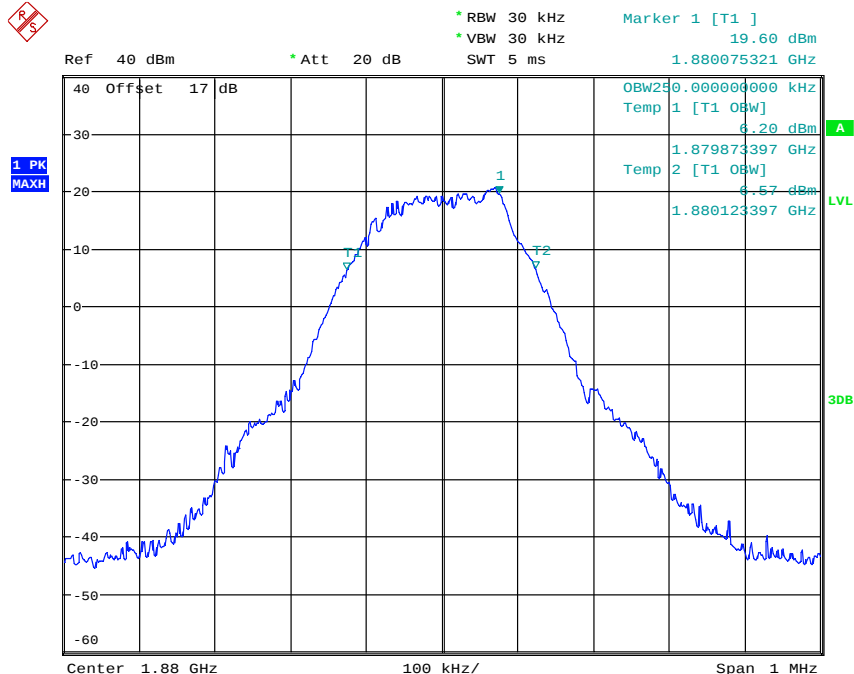
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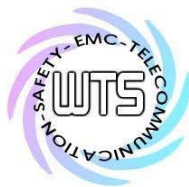
OCCUPIED BANDWIDTH PCS1900 CH512

Date: 6.DEC.2014 19:59:43



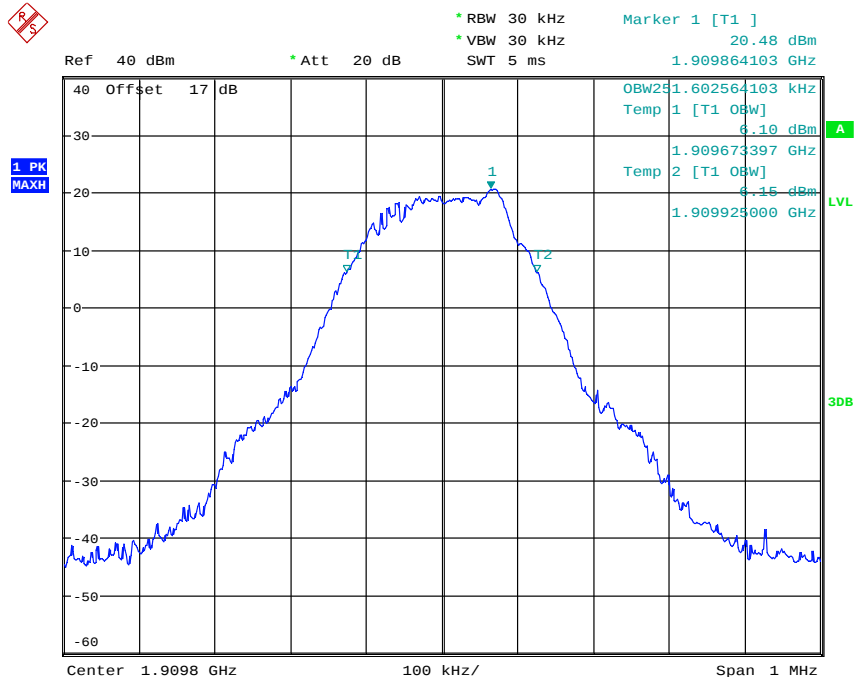
OCCUPIED BANDWIDTH PCS1900 CH661

Date: 6.DEC.2014 20:00:05



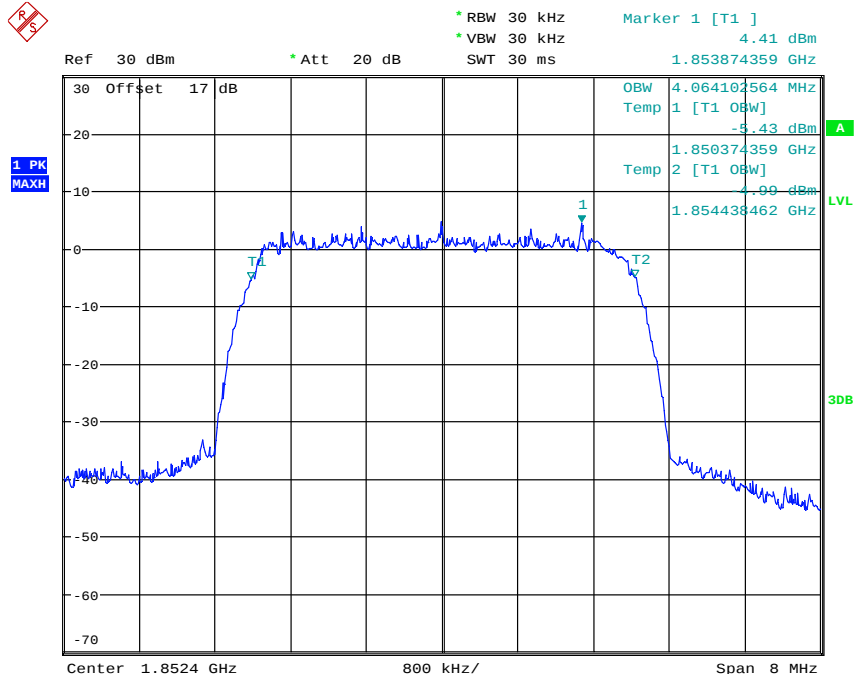
Report Number: W6M21412-14663-P-2224

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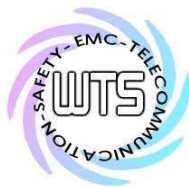
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Date: 6.DEC.2014 20:00:28



OCCUPIED BANDWIDTH WCDMA BAND II CH9262

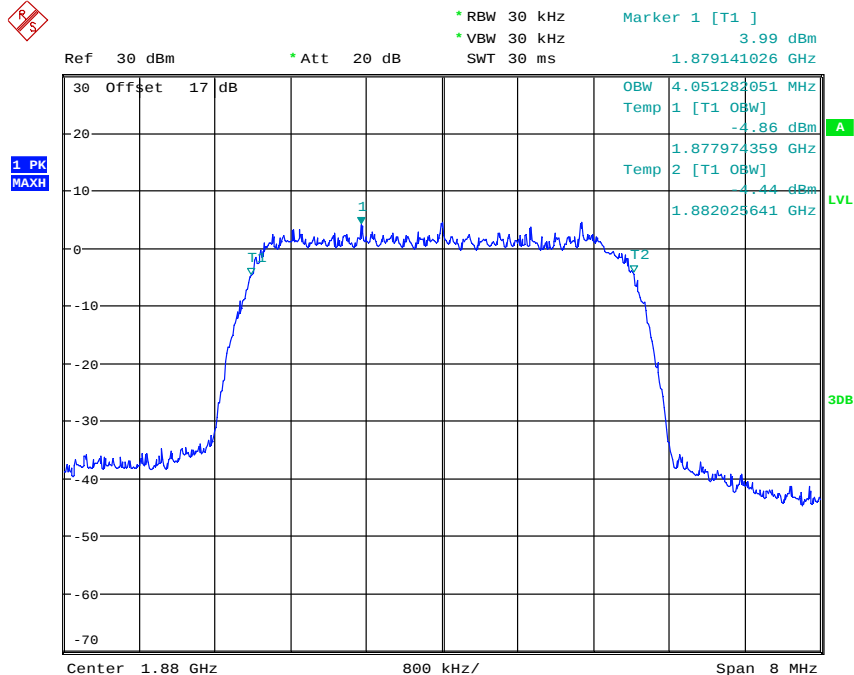
Date: 6.DEC.2014 19:53:18



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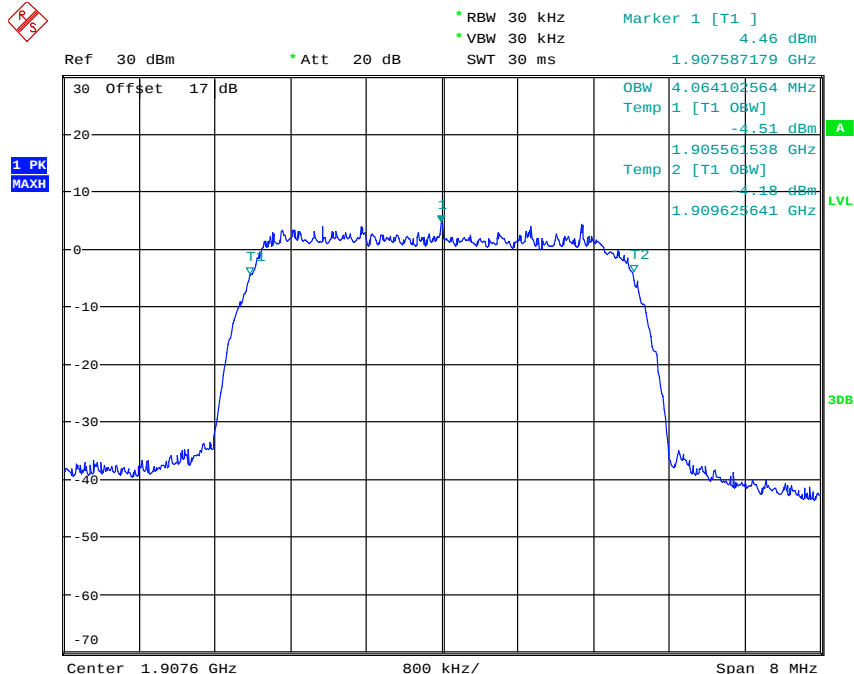
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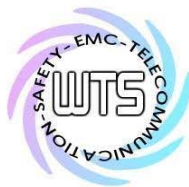
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Date: 6.DEC.2014 19:52:50



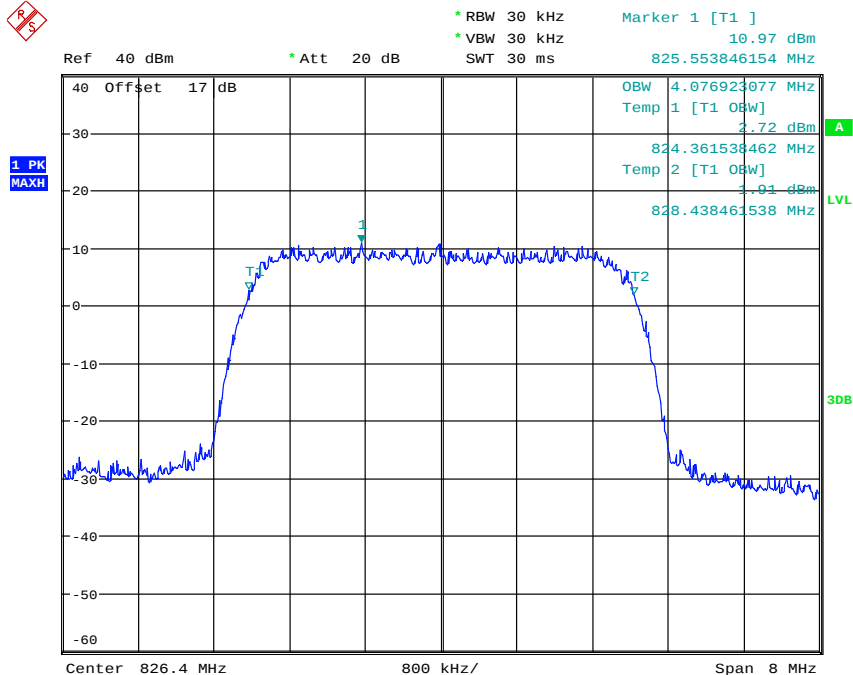
OCCUPIED BANDWIDTH WCDMA BAND II CH9538

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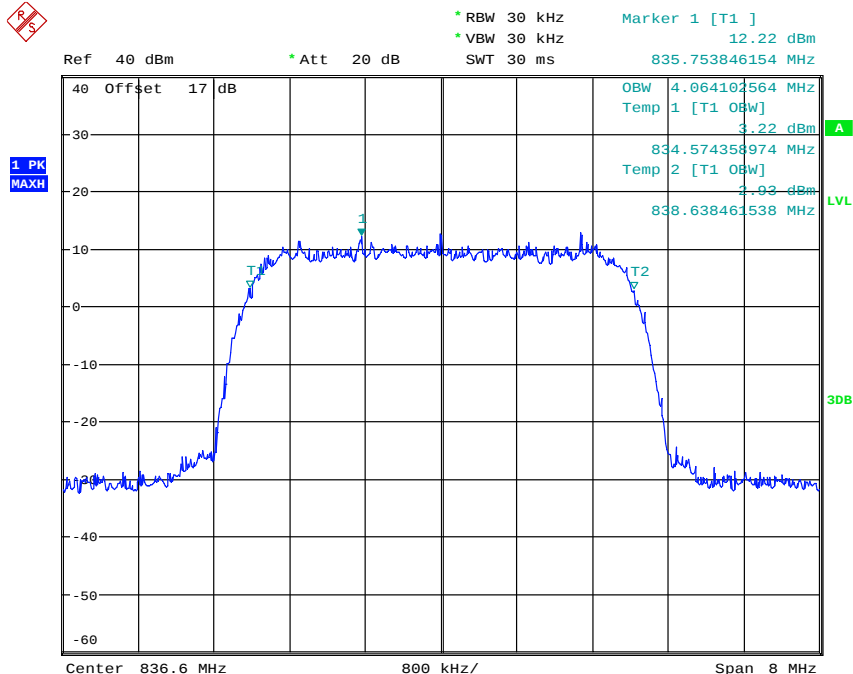
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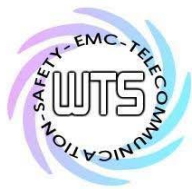
OCCUPIED BANDWIDTH WCDMA BAND V CH4132

Date: 6.DEC.2014 19:55:34



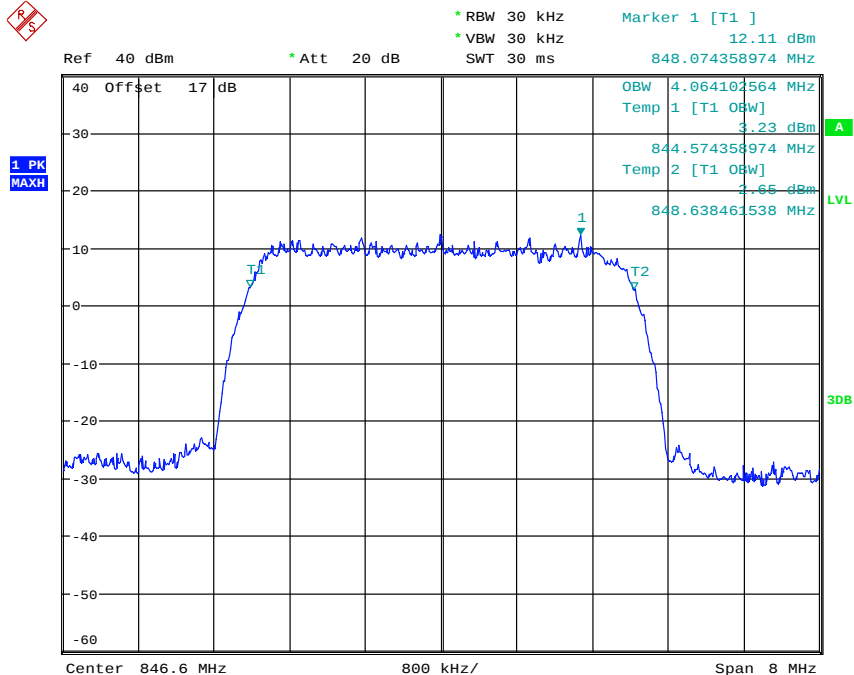
OCCUPIED BANDWIDTH WCDMA BAND V CH4183

Date: 6.DEC.2014 19:55:01



Report Number: W6M21412-14663-P-2224

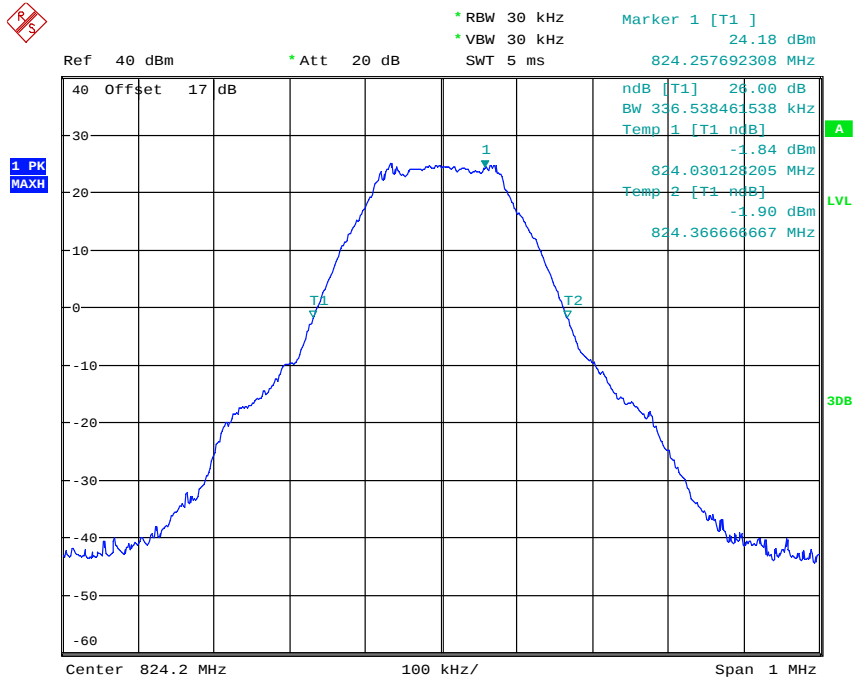
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OCCUPIED BANDWIDTH WCDMA BAND V CH4233

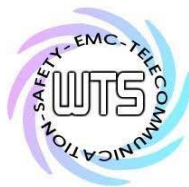
Date: 6.DEC.2014 19:54:32

26dB Channel Bandwidth



26DB BANDWIDTH GSM850 CH128

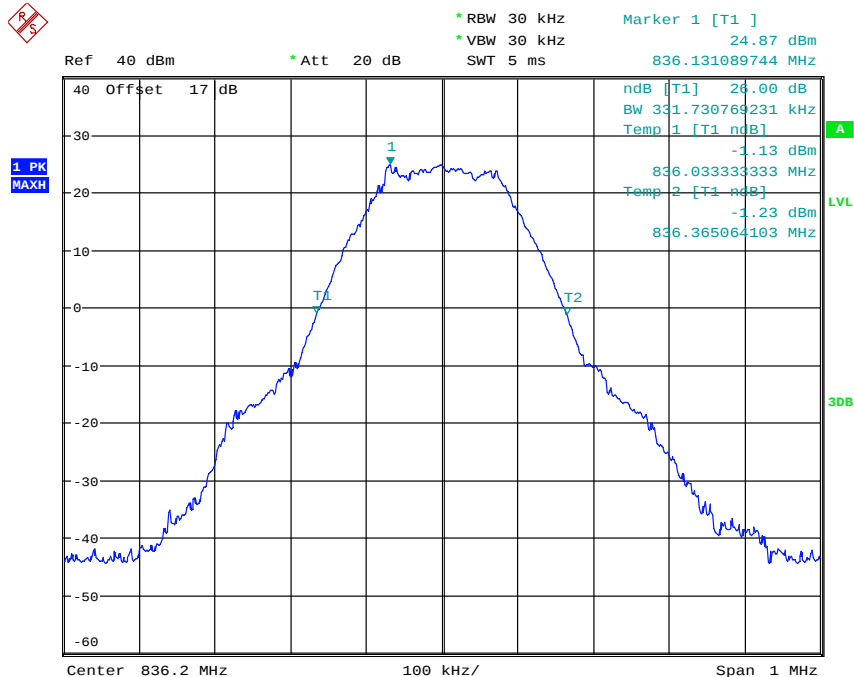
Date: 6.DEC.2014 19:09:27



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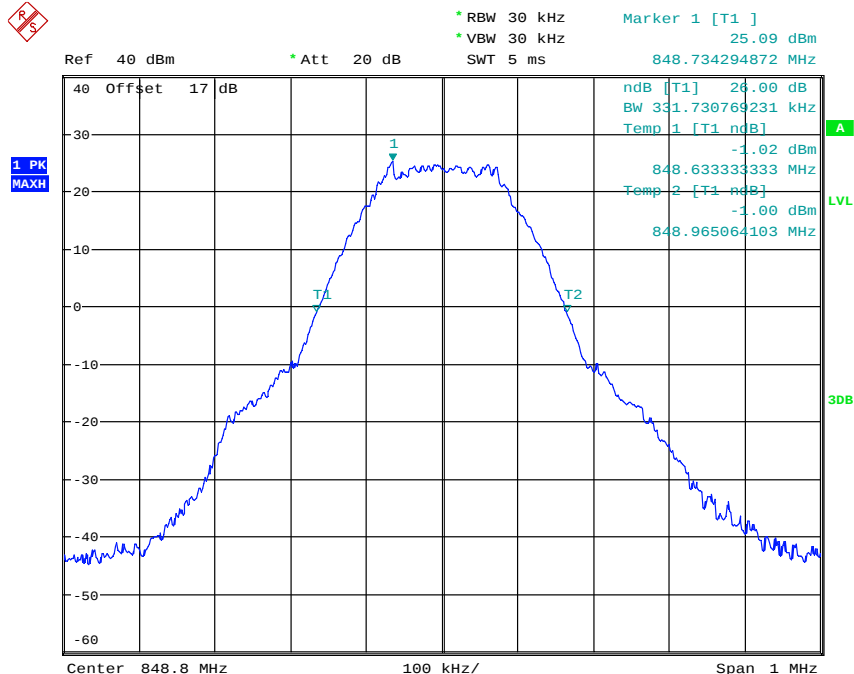
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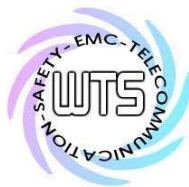
26DB BANDWIDTH GSM850 CH188

Date: 6.DEC.2014 19:09:59



26DB BANDWIDTH GSM850 CH251

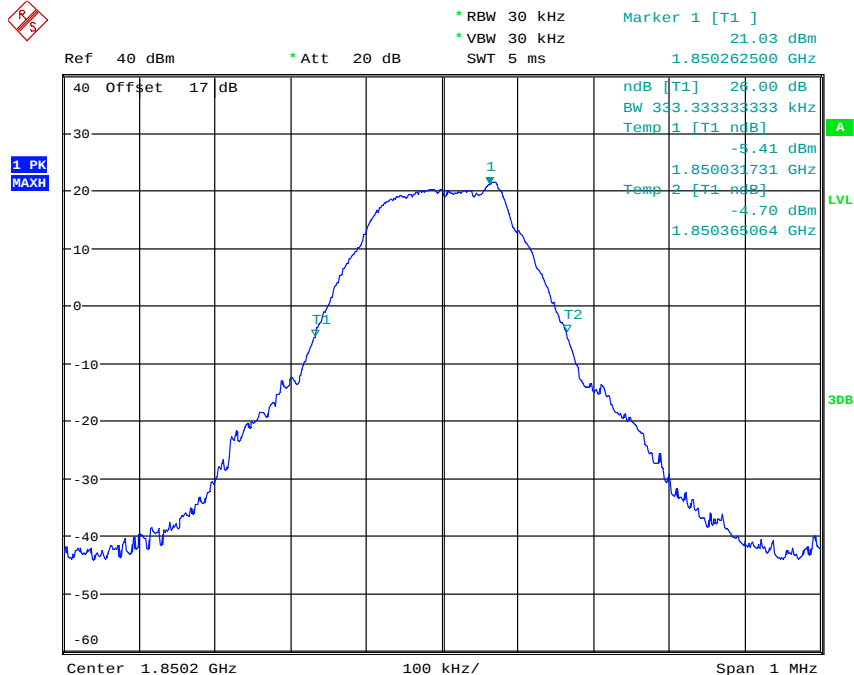
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Worldwide Testing Services(Taiwan) Co., Ltd.

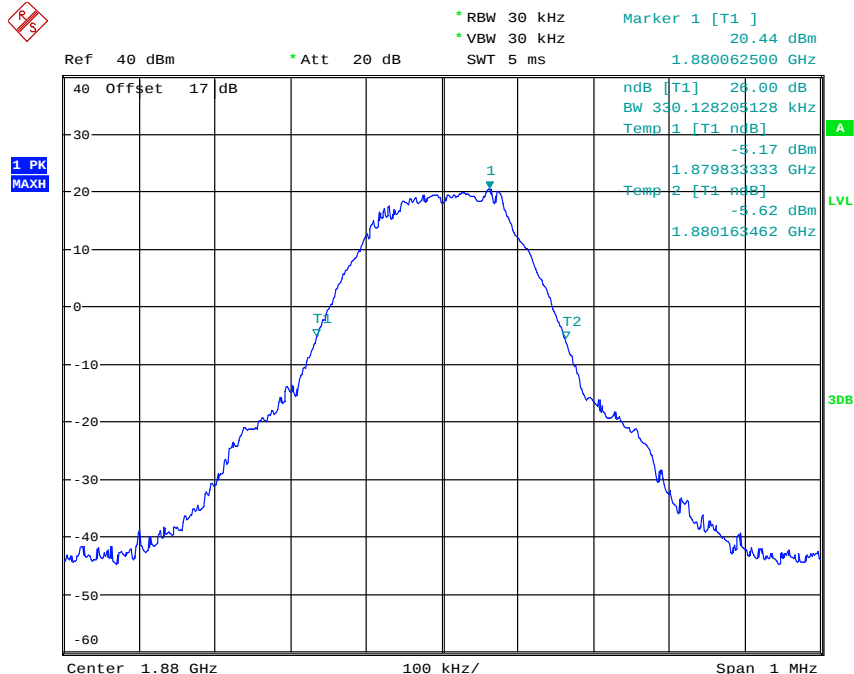
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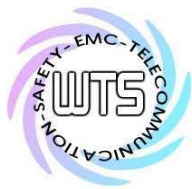
26DB BANDWIDTH PCS1900 CH512

Date: 6.DEC.2014 19:40:30



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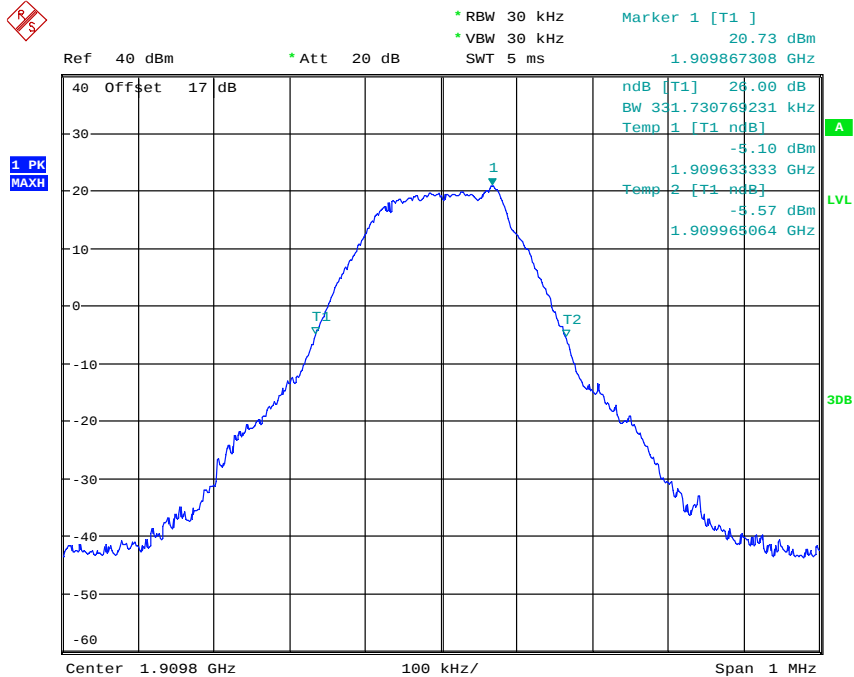
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Worldwide Testing Services(Taiwan) Co., Ltd.

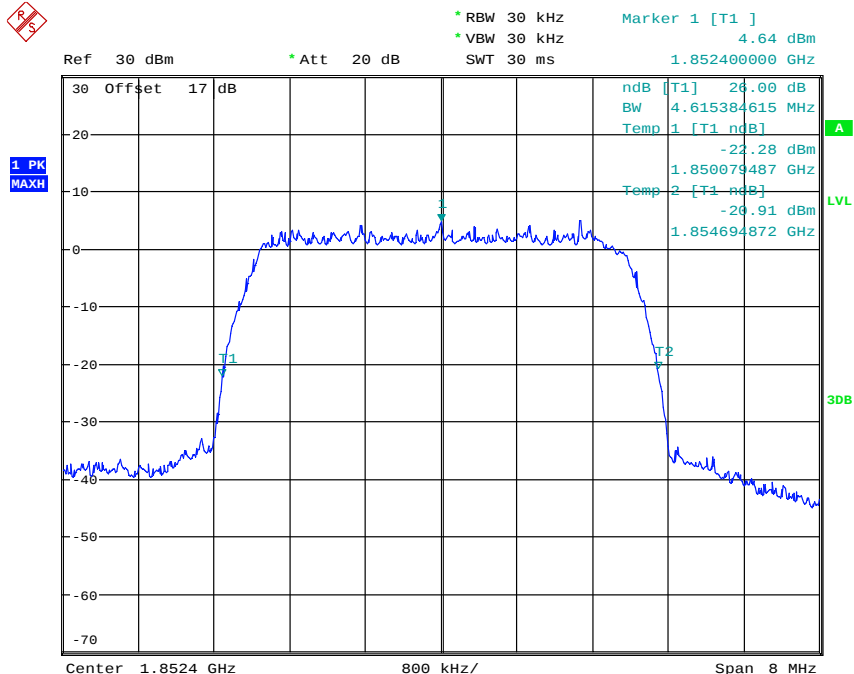
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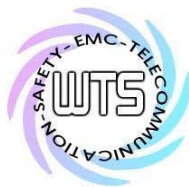
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Date: 6.DEC.2014 19:41:44



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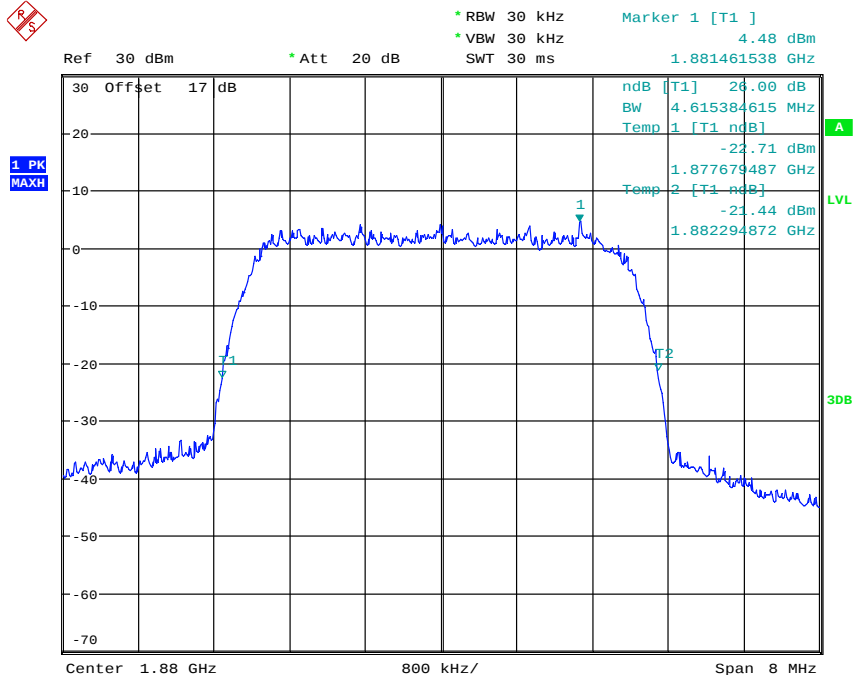
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Worldwide Testing Services(Taiwan) Co., Ltd.

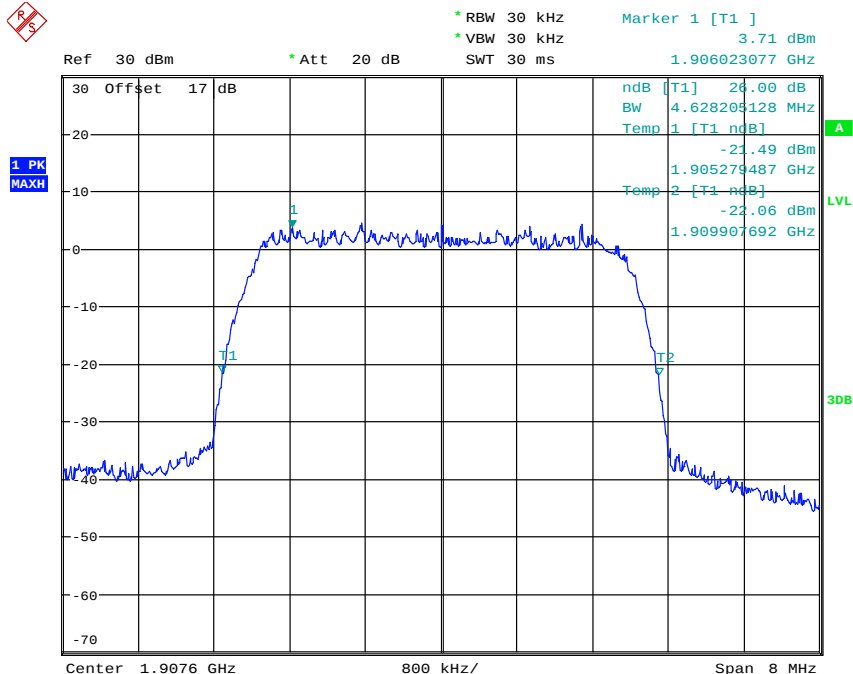
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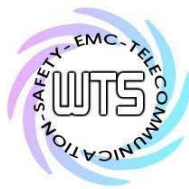
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Date: 6.DEC.2014 19:50:39



26DB BANDWIDTH WCDMA BAND II CH9538

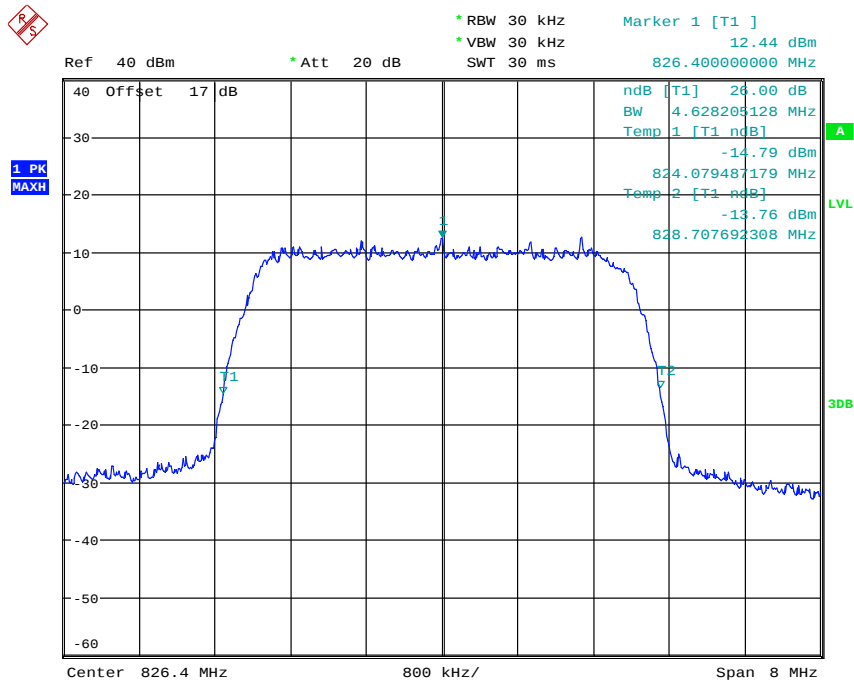
Date: 6.DEC.2014 19:51:21



Worldwide Testing Services(Taiwan) Co., Ltd.

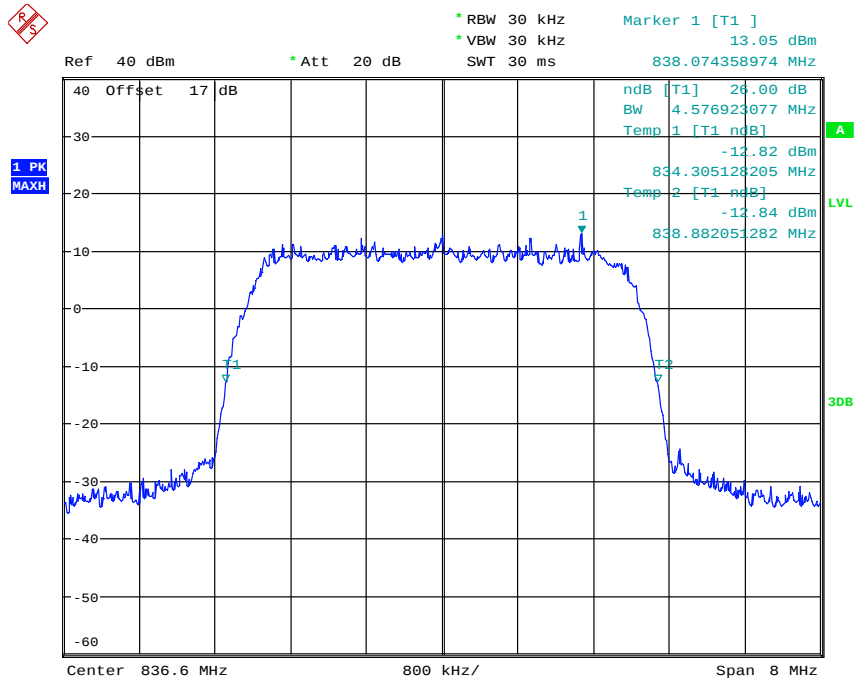
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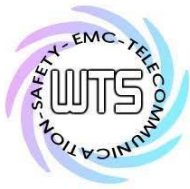
26DB BANDWIDTH WCDMA BAND V CH4132

Date: 6.DEC.2014 19:46:41



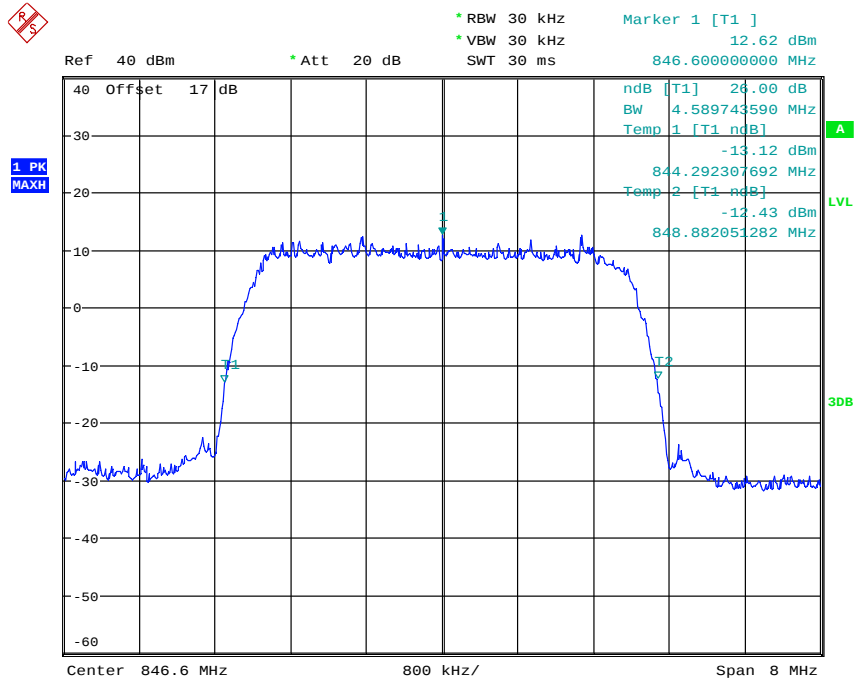
26DB BANDWIDTH WCDMA BAND V CH4183

Date: 6.DEC.2014 19:47:08



Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



26DB BANDWIDTH WCDMA BAND V CH4233

Date: 6.DEC.2014 19:47:38

Test equipment: ETSTW-RE 055, ETSTW-GSM 002

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

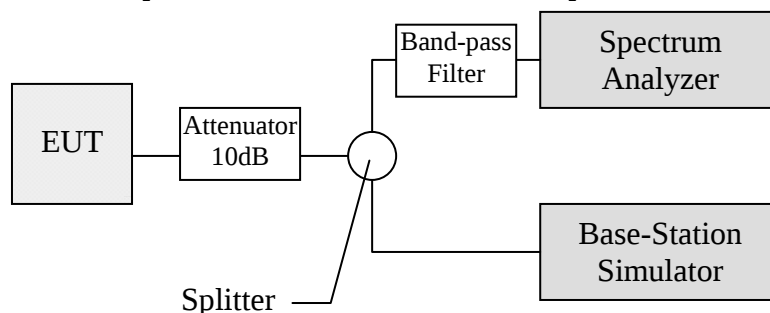
6. Spurious Emissions at Antenna Terminals

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.

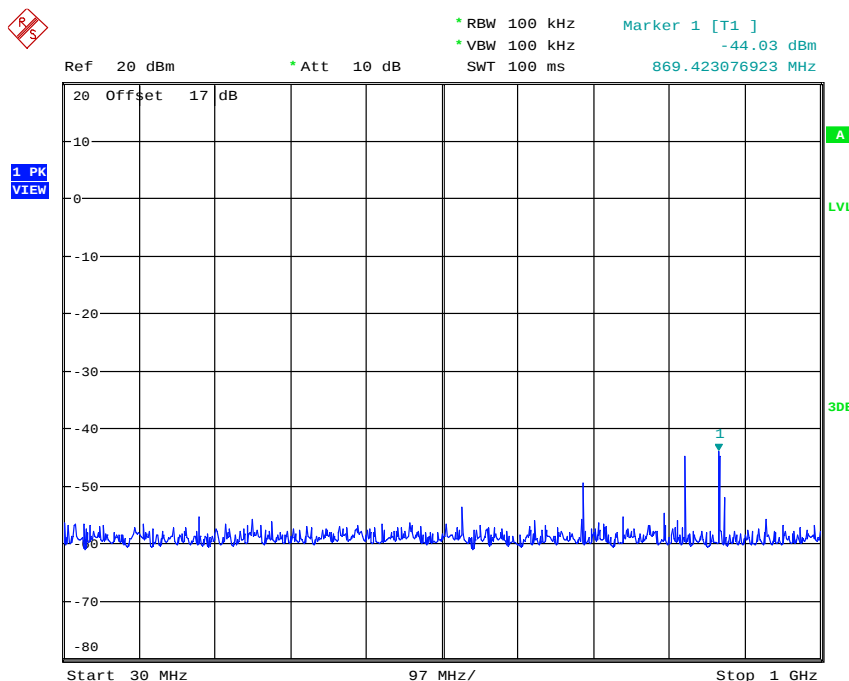
The Spurious Emissions at Antenna Terminals was measured by the spectrum analyzer with a suitable notch filter and/or Band-pass filter.

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.



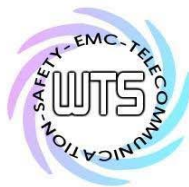
6.2 Test Results

CH128



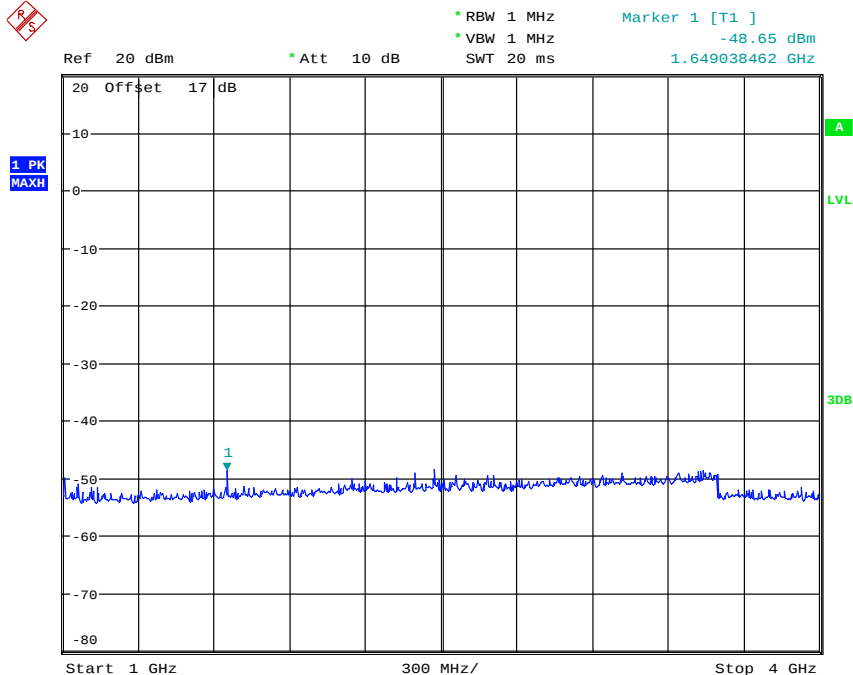
CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 6.DEC.2014 20:14:13



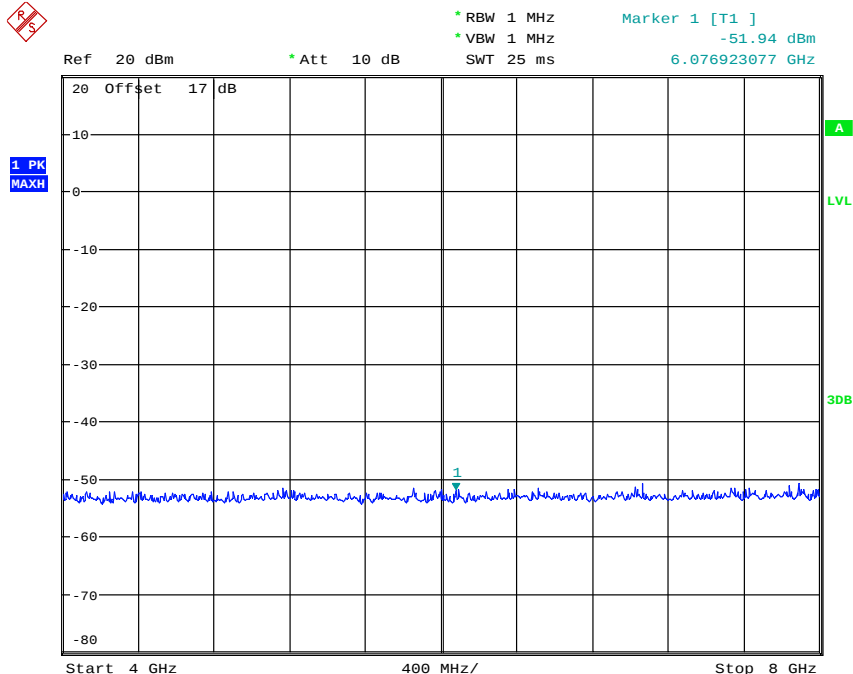
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



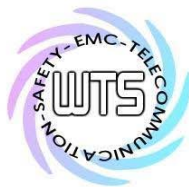
CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 6.DEC.2014 20:16:35



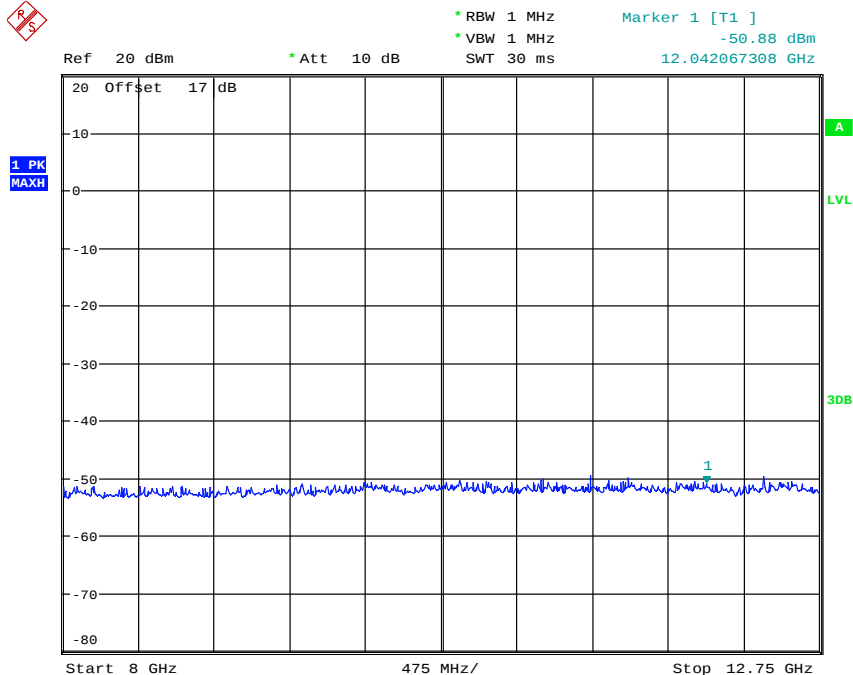
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Date: 6.DEC.2014 20:17:15



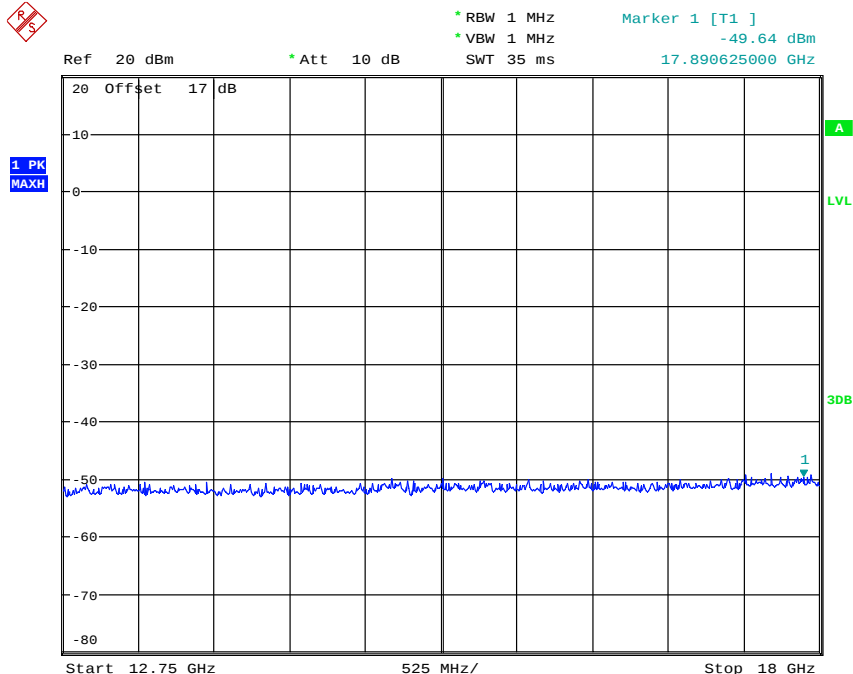
Report Number: W6M21412-14663-P-2224

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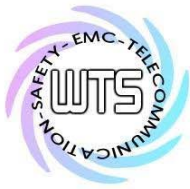
CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 6.DEC.2014 20:18:44



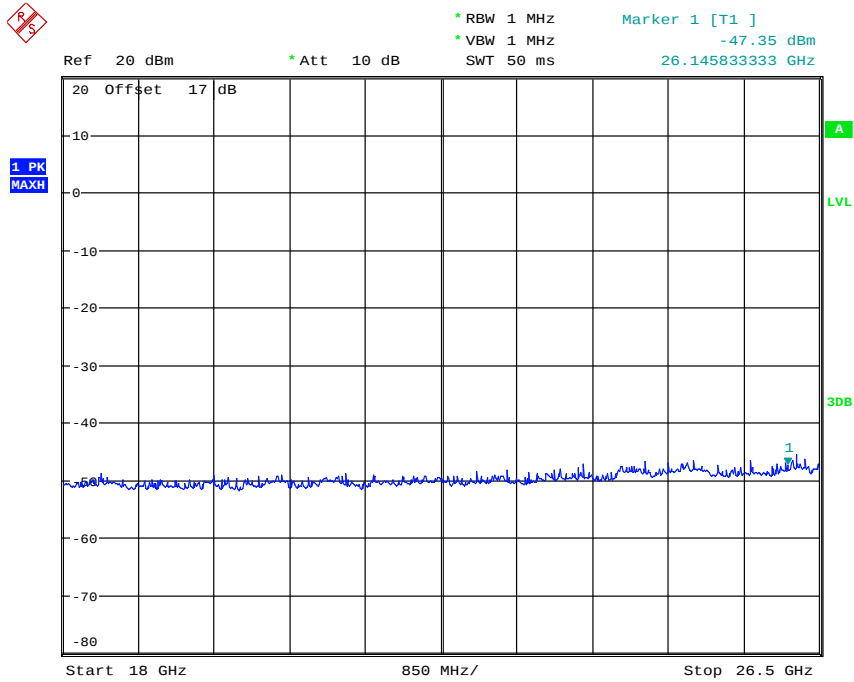
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Date: 6.DEC.2014 20:19:06



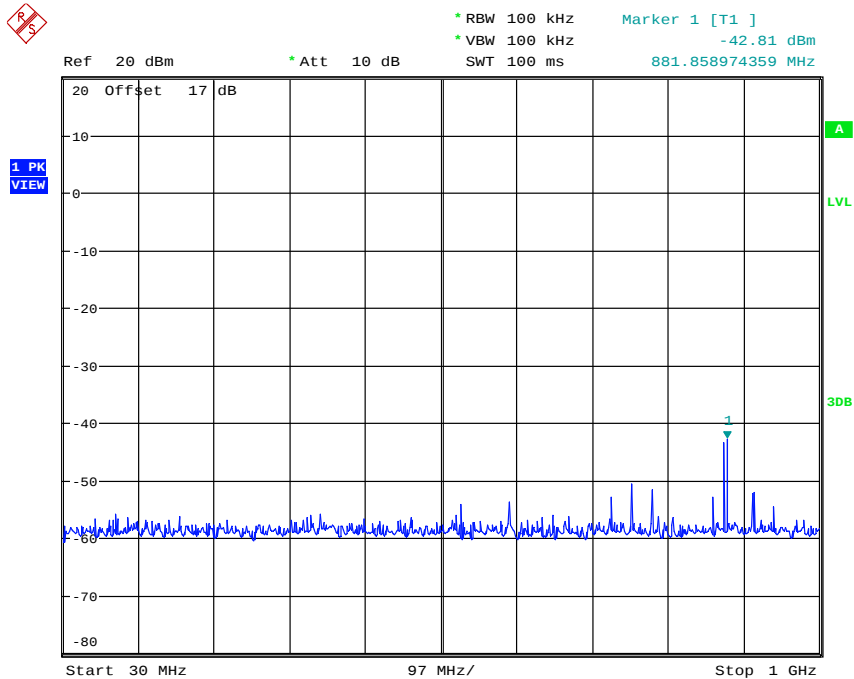
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

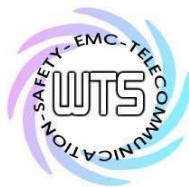


CONDUCTED SPURIOUS EMISSION GSM850 CH128
Date: 6.DEC.2014 20:20:25

CH188

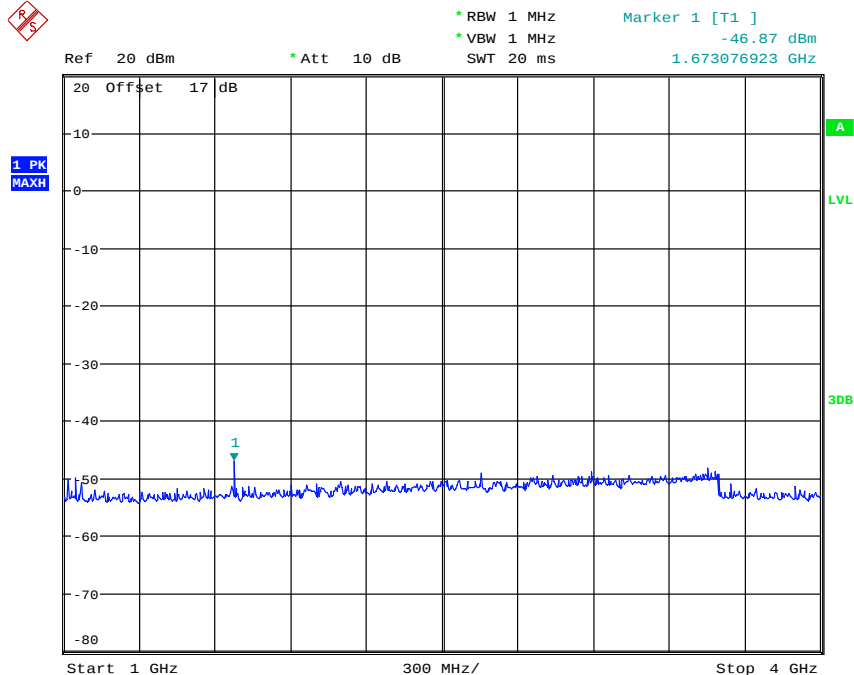


CONDUCTED SPURIOUS EMISSION GSM850 CH188
Date: 6.DEC.2014 20:14:52



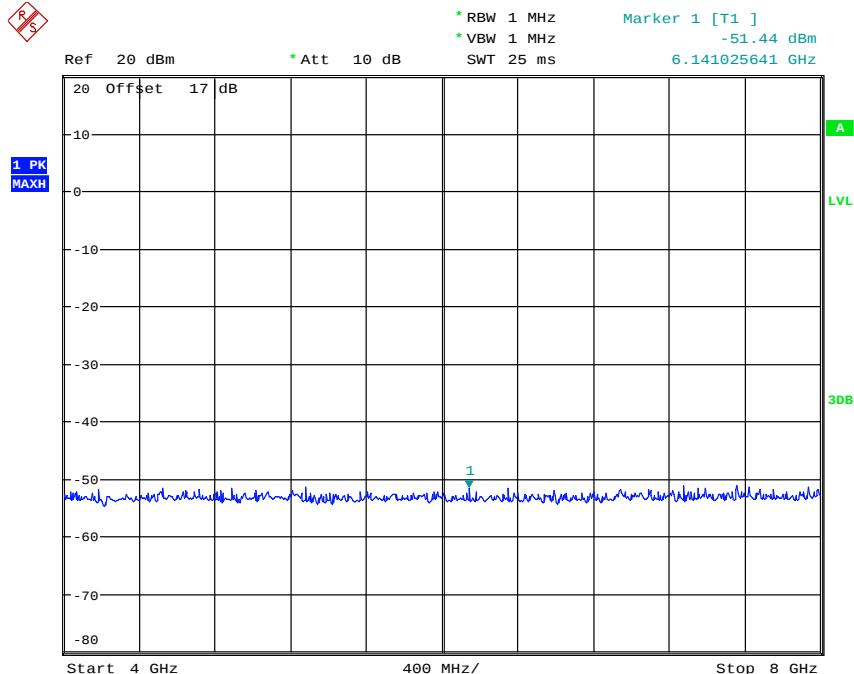
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



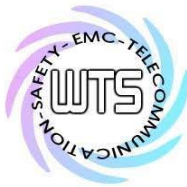
CONDUCTED SPURIOUS EMISSION GSM850 CH188

Date: 6.DEC.2014 20:16:13



CONDUCTED SPURIOUS EMISSION GSM850 CH188

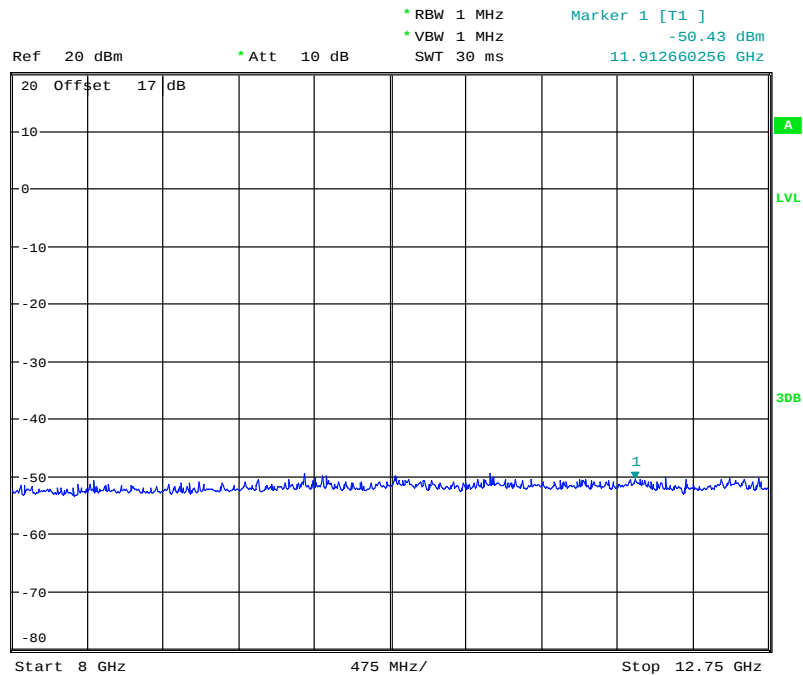
Date: 6.DEC.2014 20:17:32



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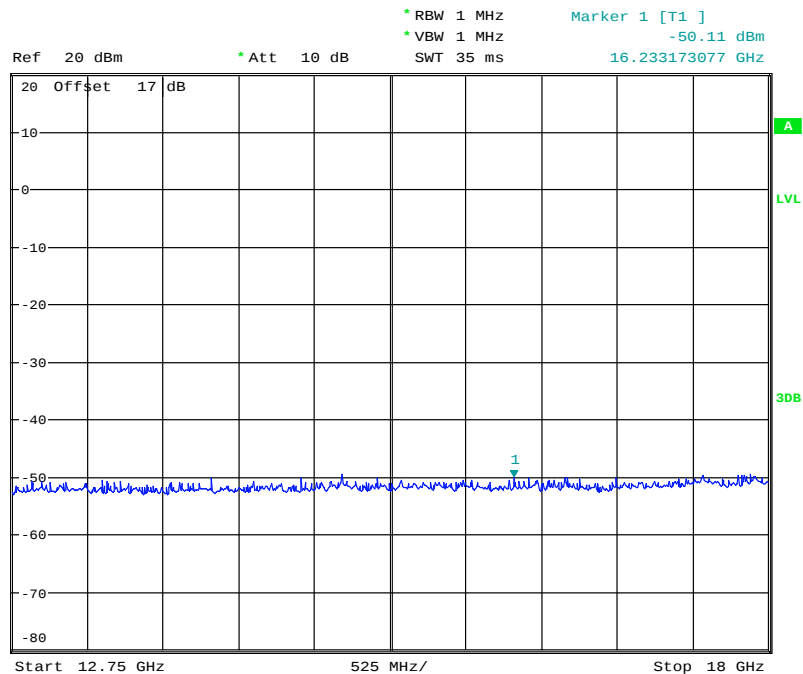
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



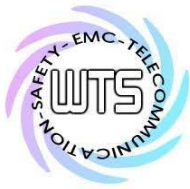
CONDUCTED SPURIOUS EMISSION GSM850 CH188

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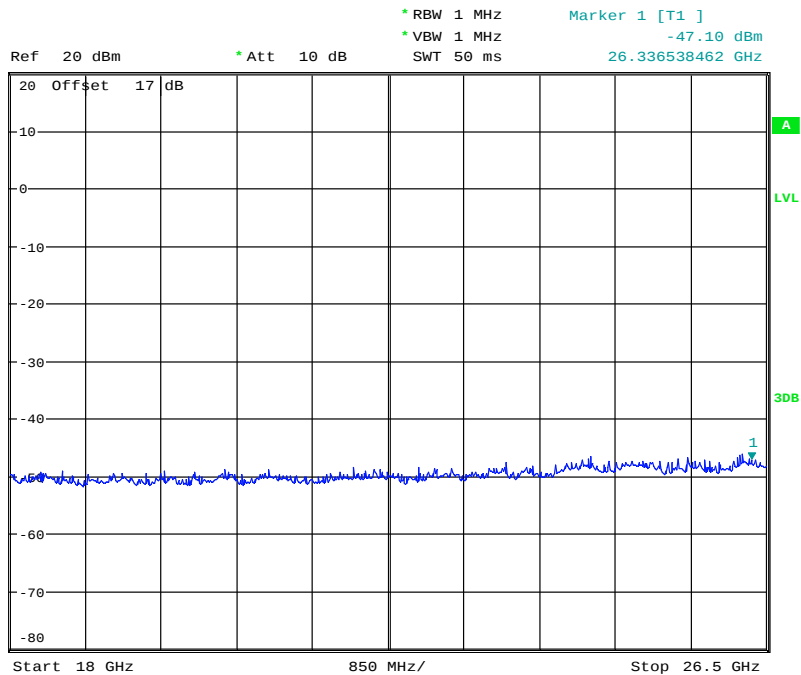
CONDUCTED SPURIOUS EMISSION GSM850 CH188

Date: 6.DEC.2014 20:19:21



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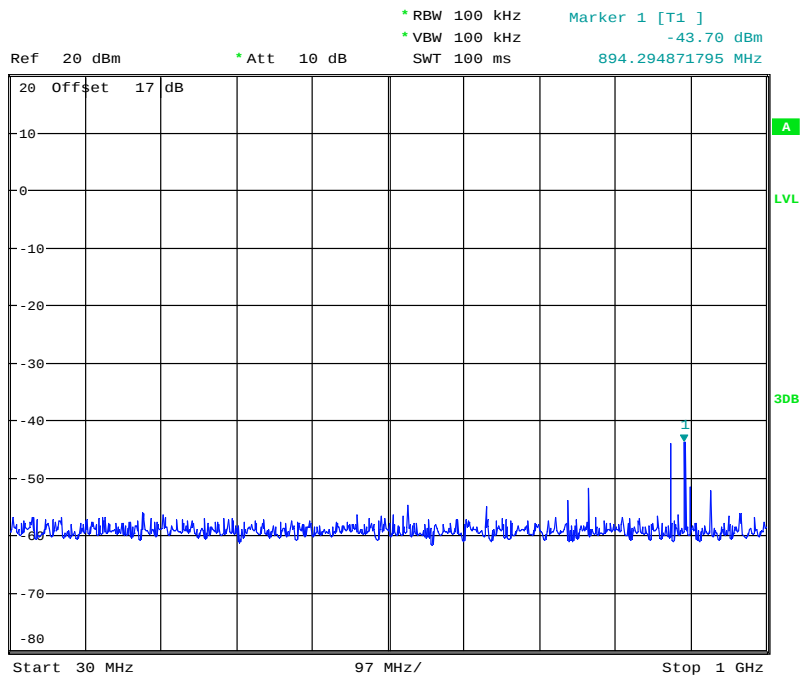
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CONDUCTED SPURIOUS EMISSION GSM850 CH188

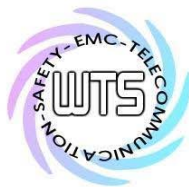
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CH251



CONDUCTED SPURIOUS EMISSION GSM850 CH251

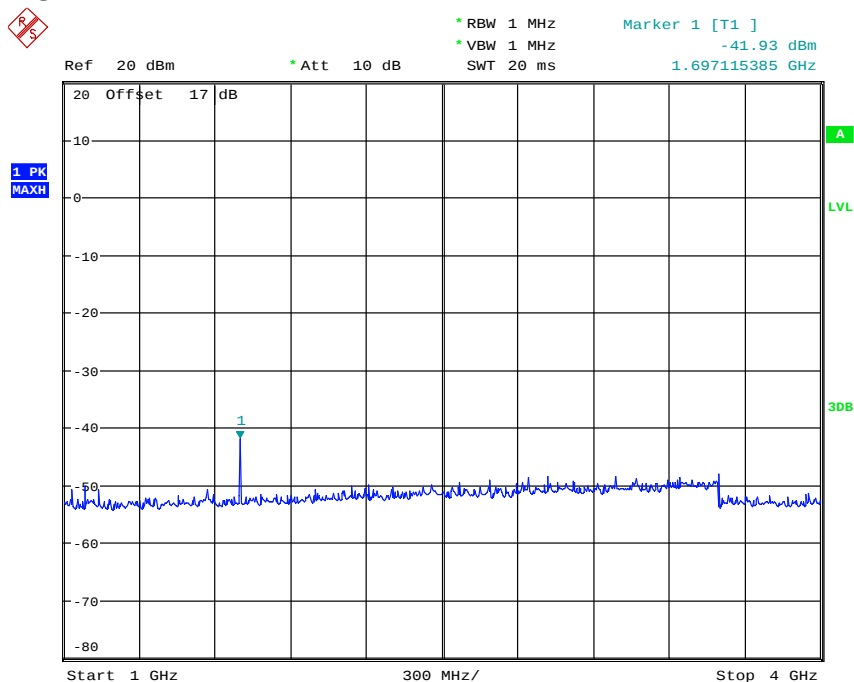
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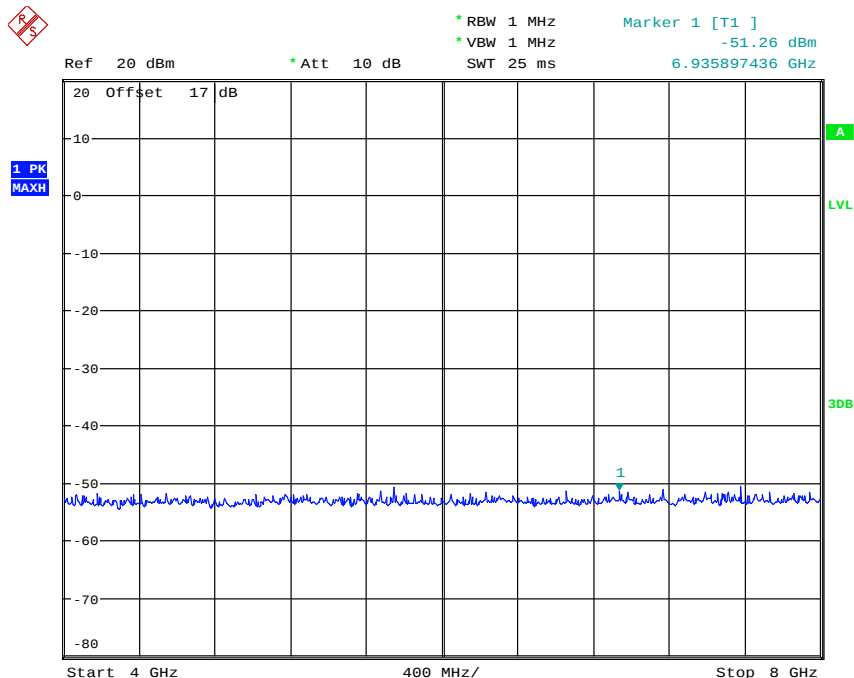
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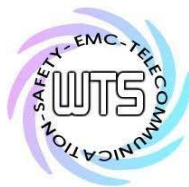
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Date: 6.DEC.2014 20:15:56



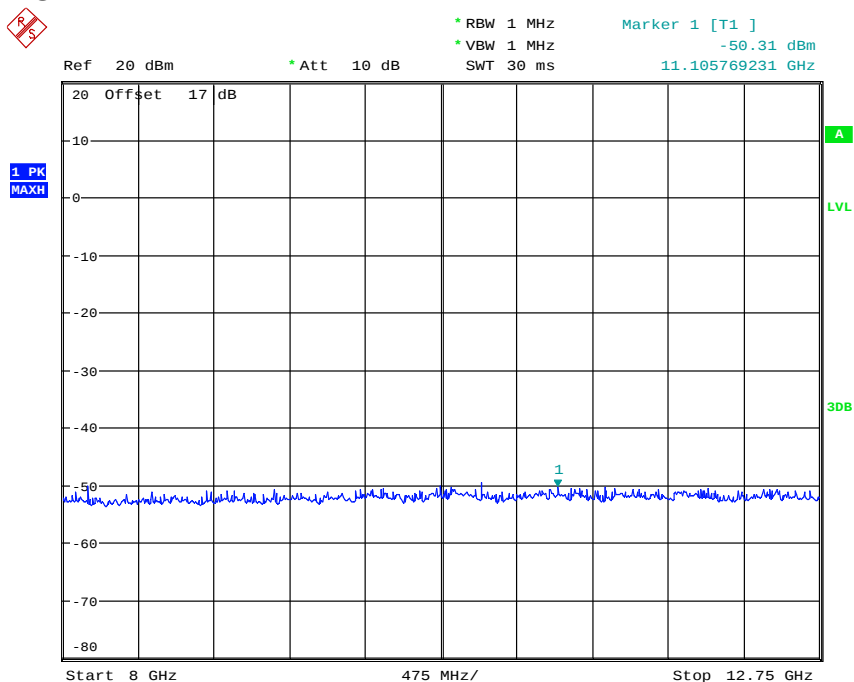
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Date: 6.DEC.2014 20:17:46



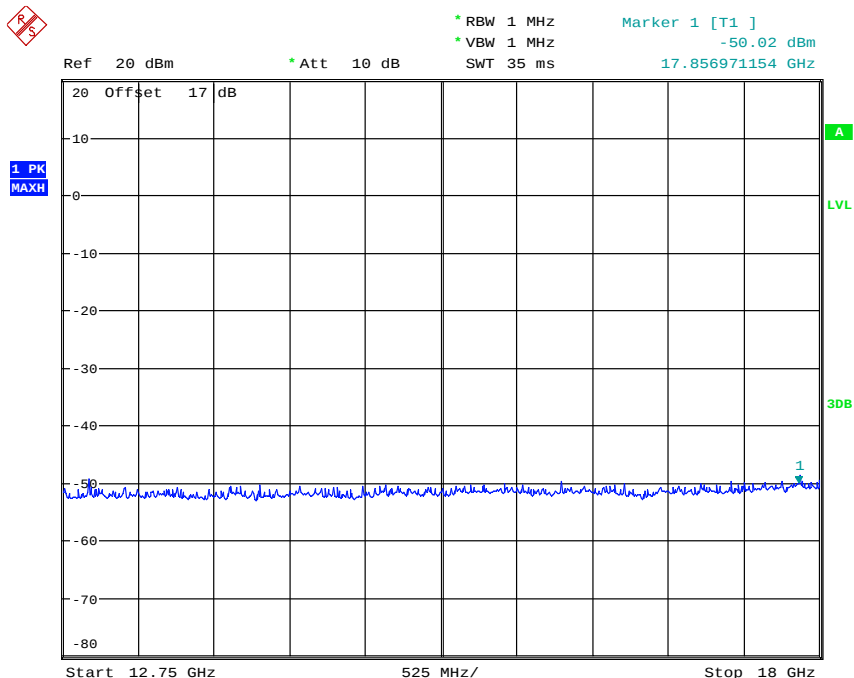
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FCC ID: GX9MOBILE



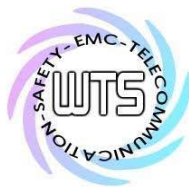
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Date: 6.DEC.2014 20:18:02



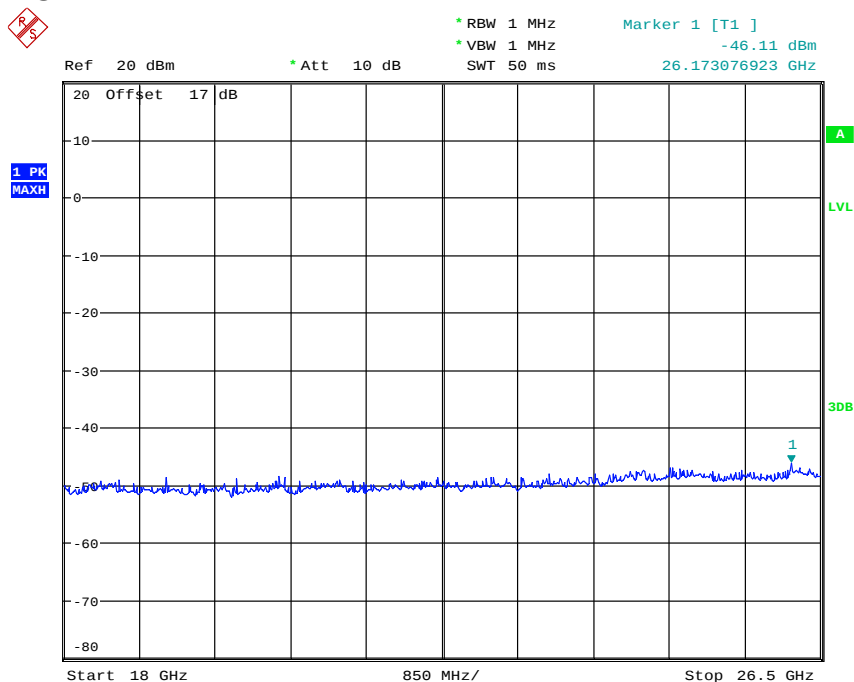
CONDUCTED SPURIOUS EMISSION GSM850 CH251

Date: 6.DEC.2014 20:19:37



Report Number: W6M21412-14663-P-2224

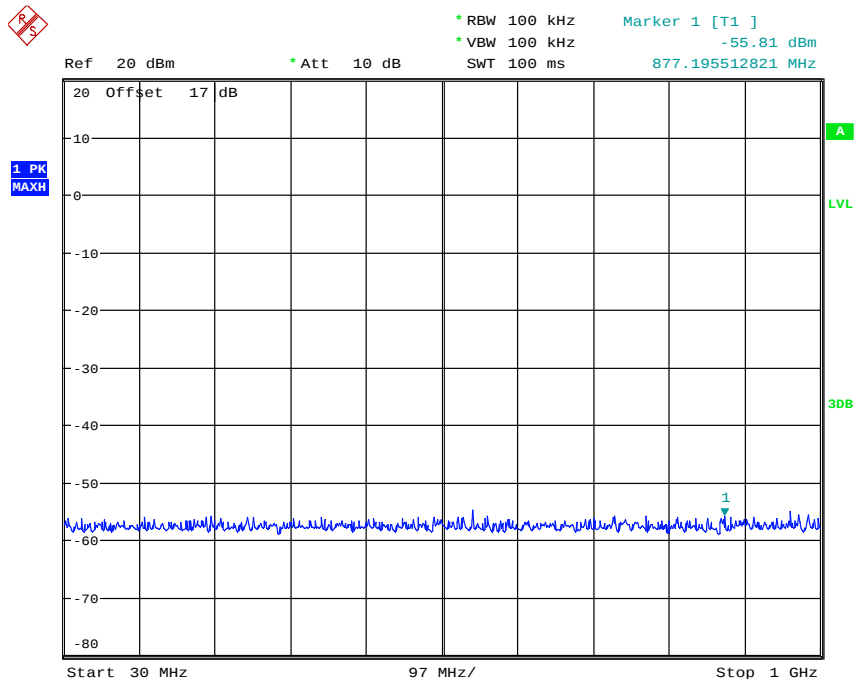
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CONDUCTED SPURIOUS EMISSION GSM850 CH251

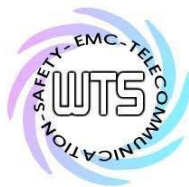
Date: 6.DEC.2014 20:19:53

850 Band Idle



CONDUCTED SPURIOUS EMISSION GSM850 IDLE

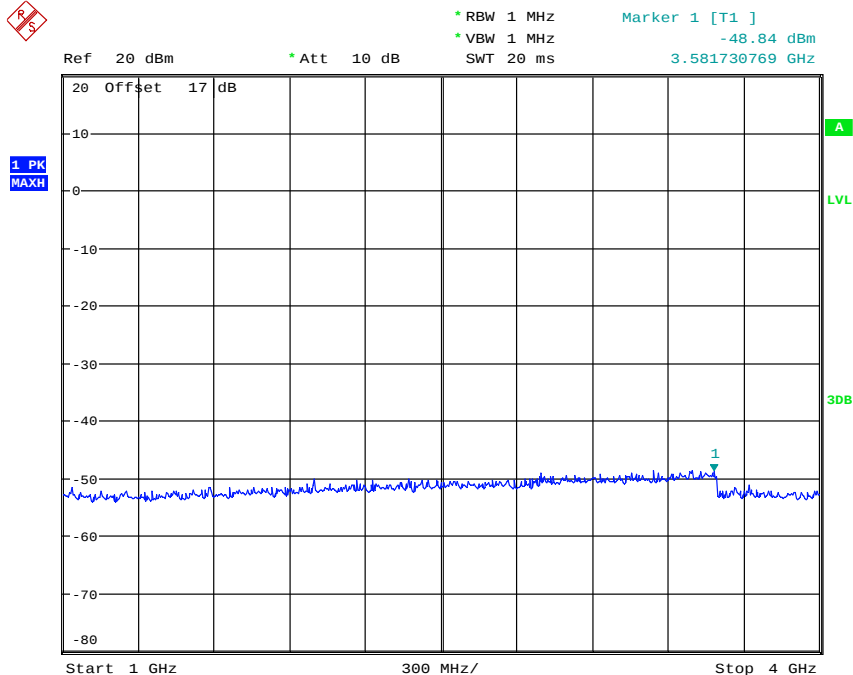
Date: 6.DEC.2014 22:06:42



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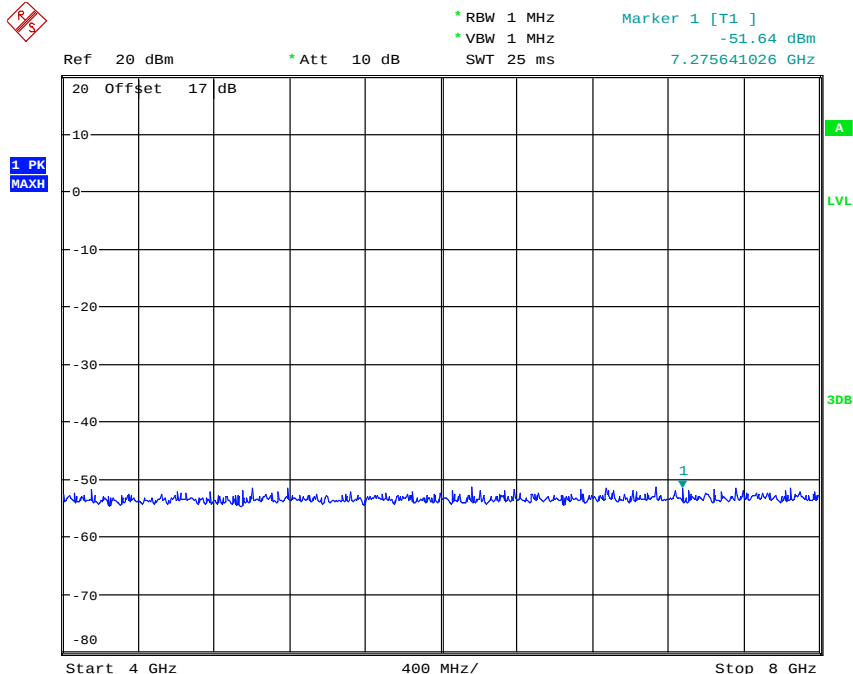
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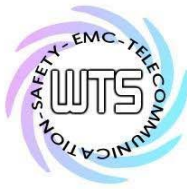
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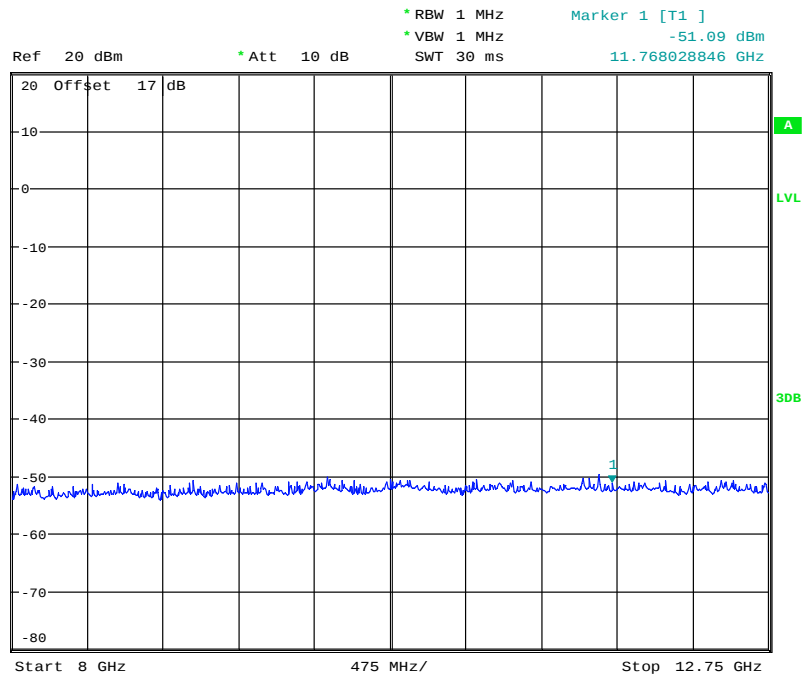
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Worldwide Testing Services(Taiwan) Co., Ltd.

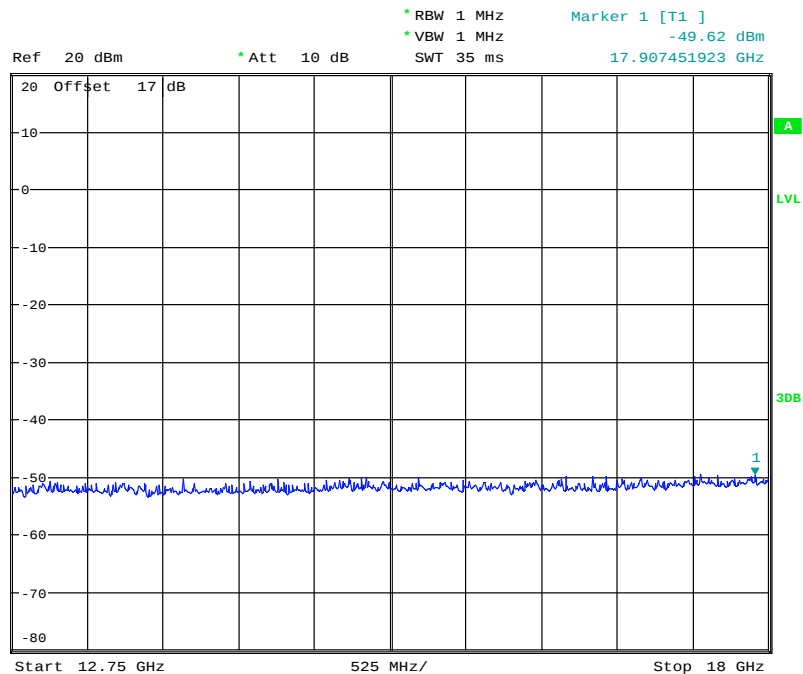
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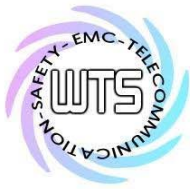
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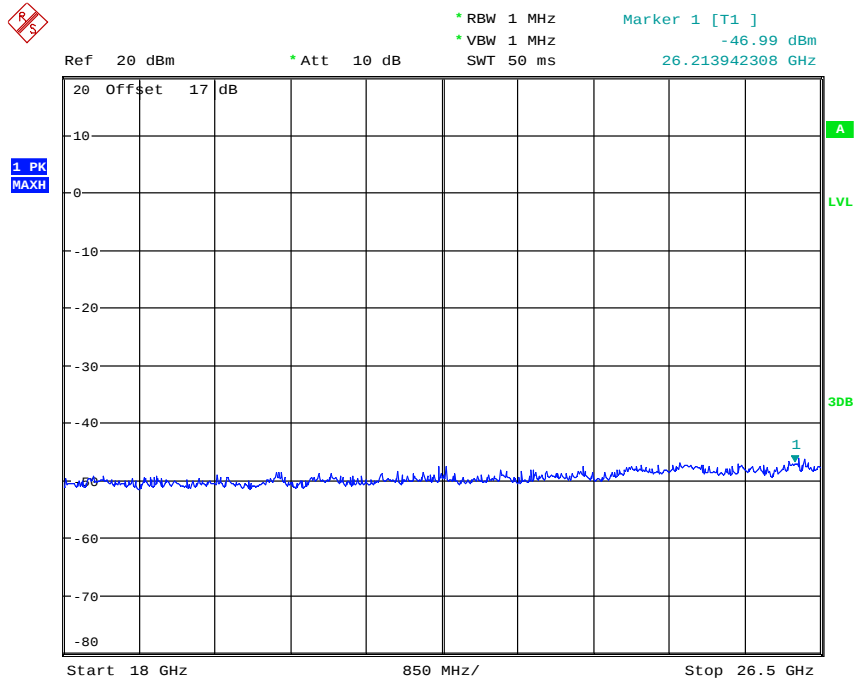
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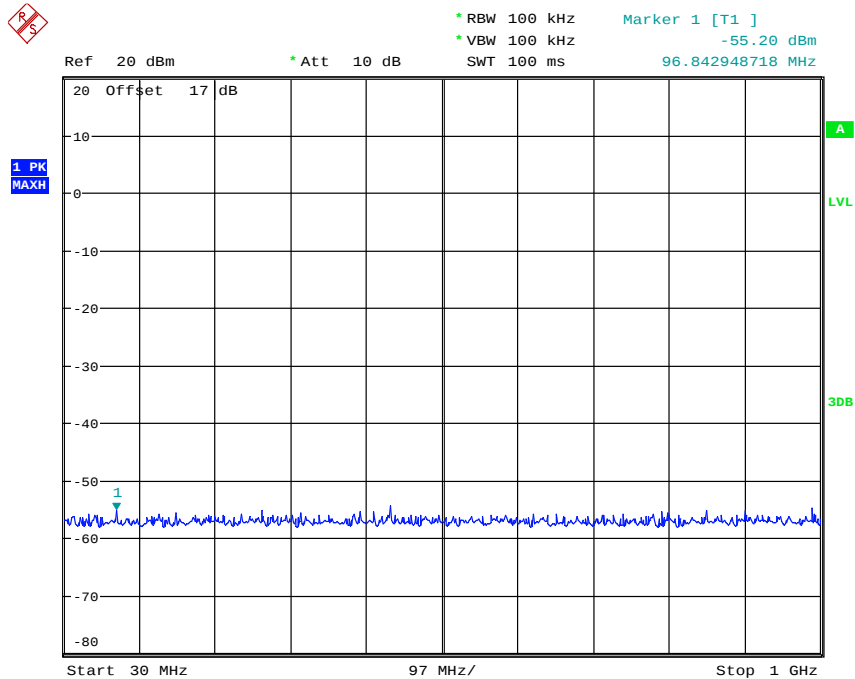
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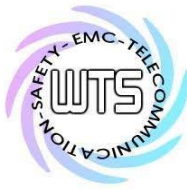


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Date: 6.DEC.2014 22:05:47

CH512



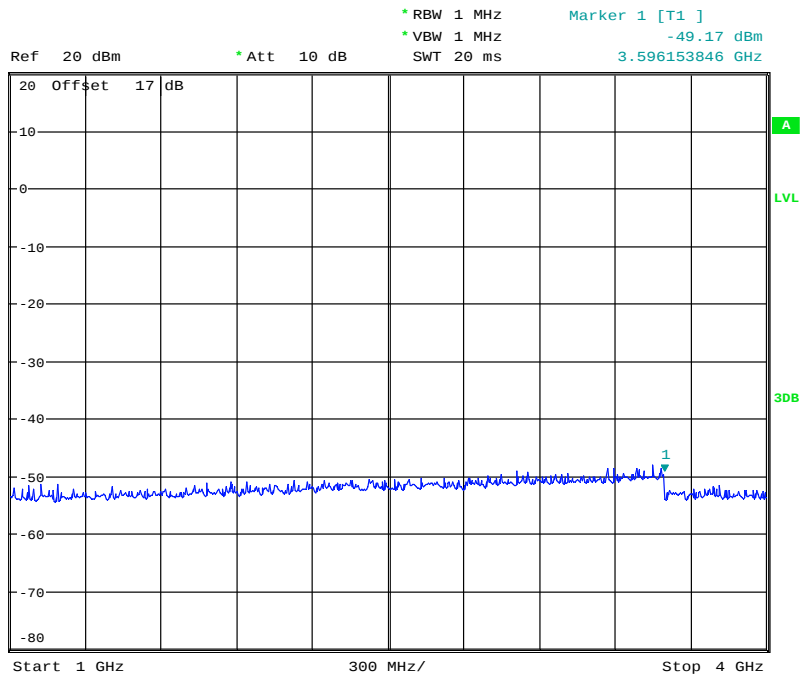
CONDUCTED SPURIOUS EMISSION PCS1900 CH512
Date: 6.DEC.2014 21:43:35



Worldwide Testing Services(Taiwan) Co., Ltd.

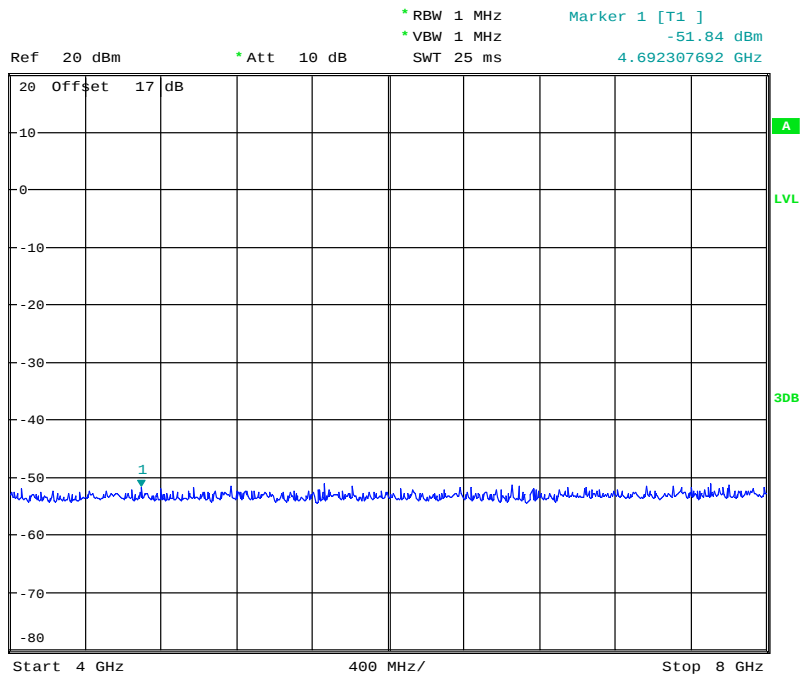
Report Number: W6M21412-14663-P-2224

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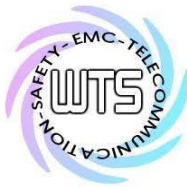
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Date: 6.DEC.2014 21:46:13



CONDUCTED SPURIOUS EMISSION PCS1900 CH512

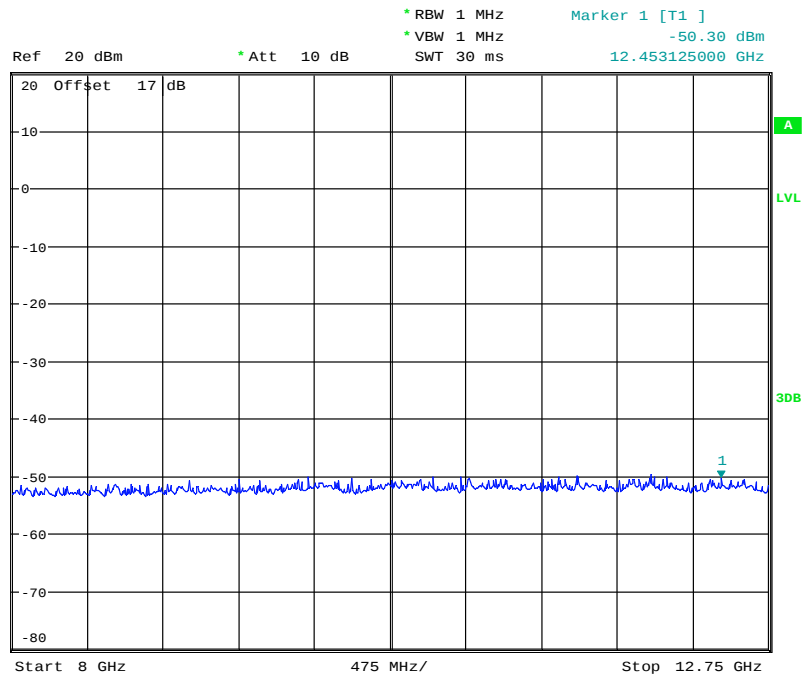
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Worldwide Testing Services(Taiwan) Co., Ltd.

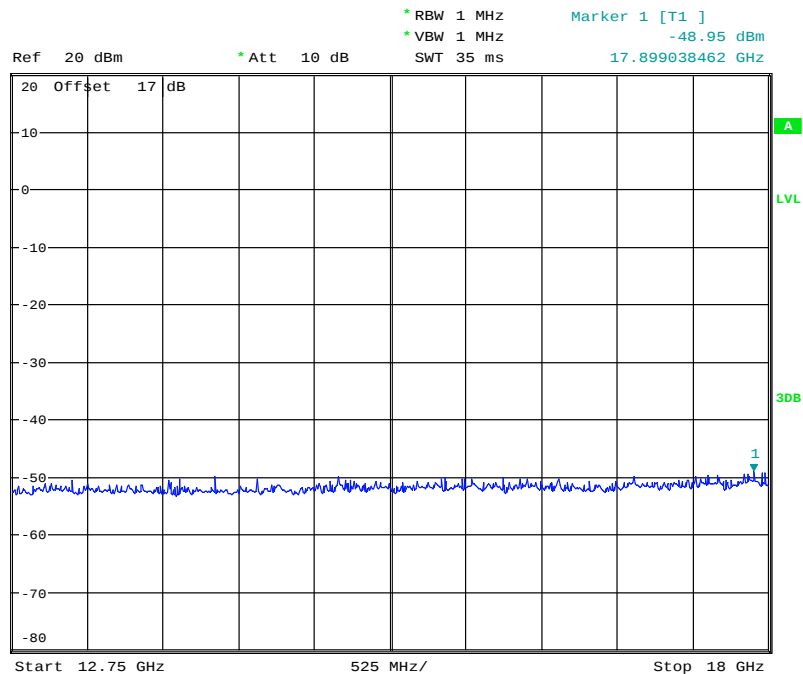
Report Number: W6M21412-14663-P-2224

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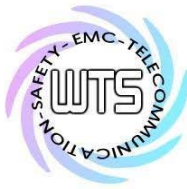
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Date: 6.DEC.2014 21:47:40



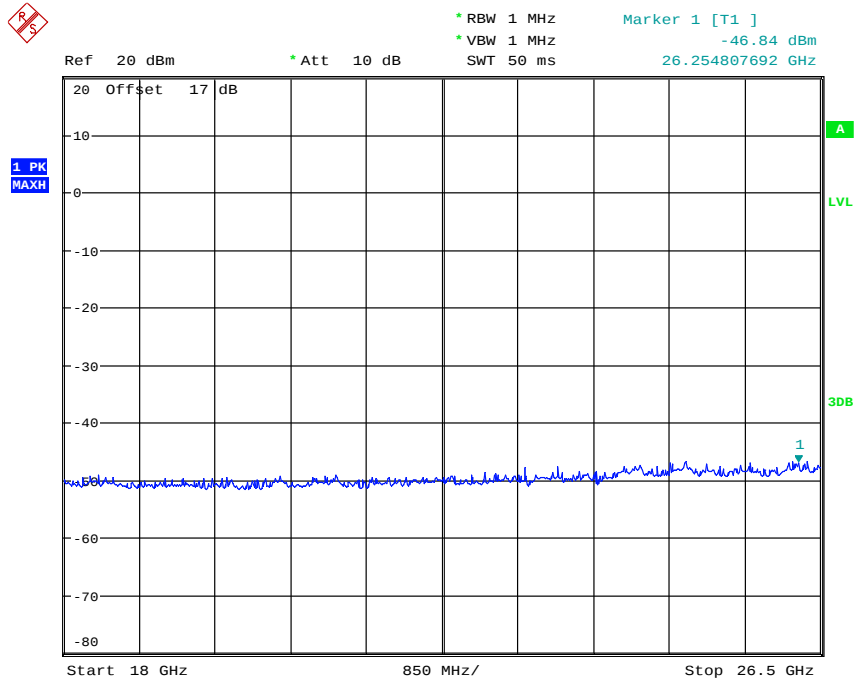
CONDUCTED SPURIOUS EMISSION PCS1900 CH512

Date: 6.DEC.2014 21:47:52



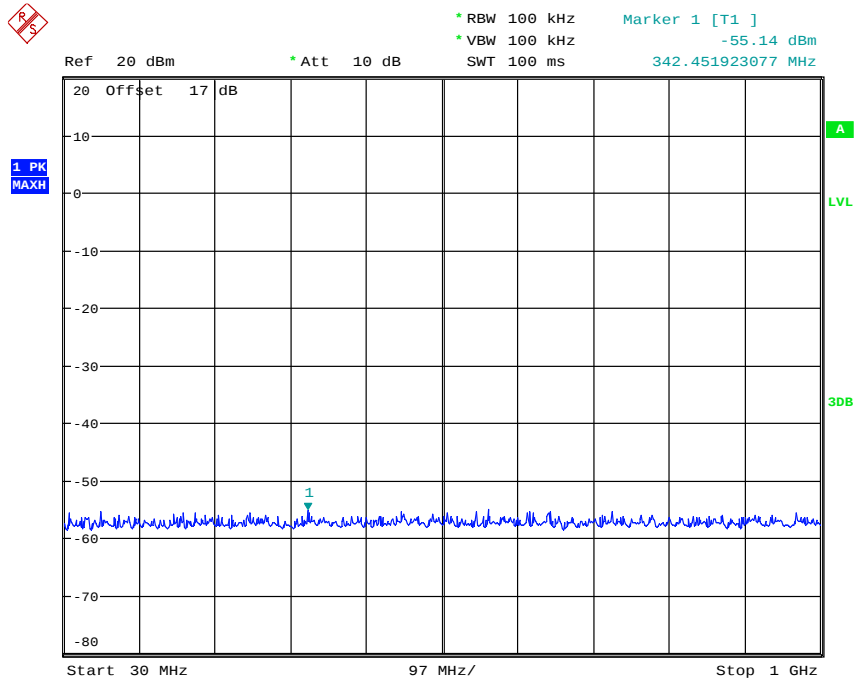
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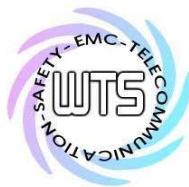


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Date: 6.DEC.2014 21:49:06

CH661

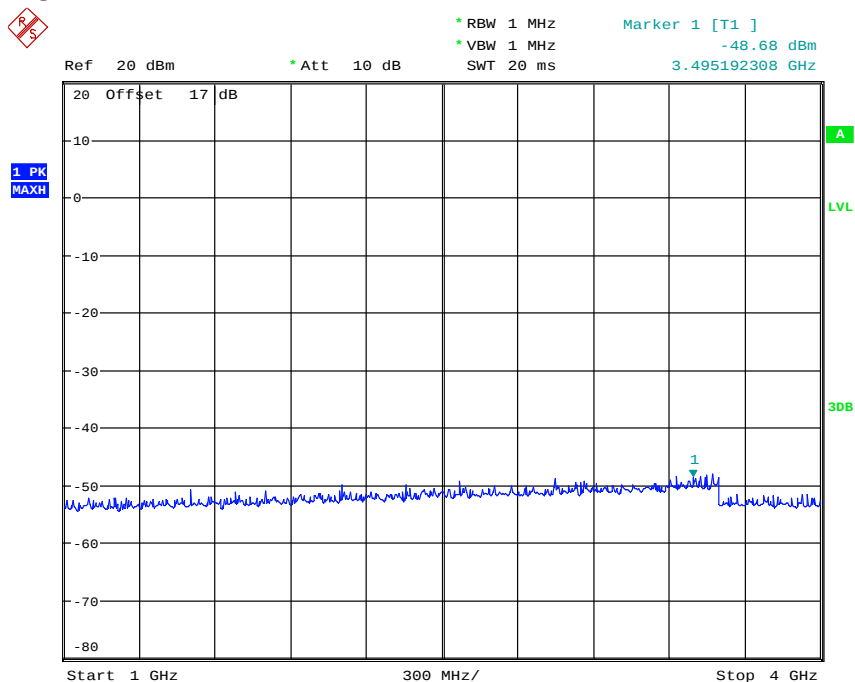


CONDUCTED SPURIOUS EMISSION PCS1900 CH661
Date: 6.DEC.2014 21:43:48



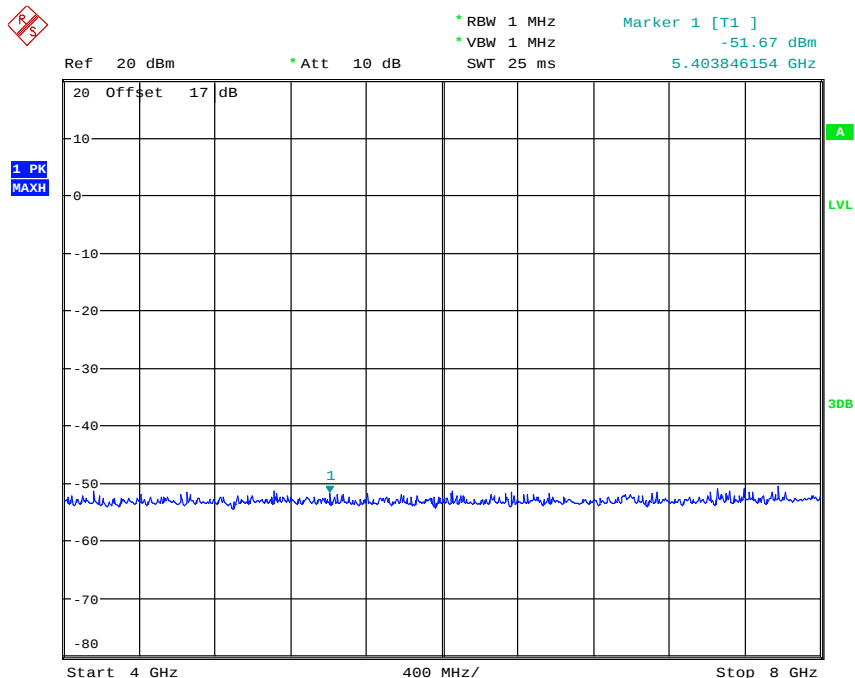
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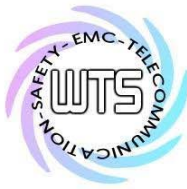
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Date: 6.DEC.2014 21:45:58



CONDUCTED SPURIOUS EMISSION PCS1900 CH661

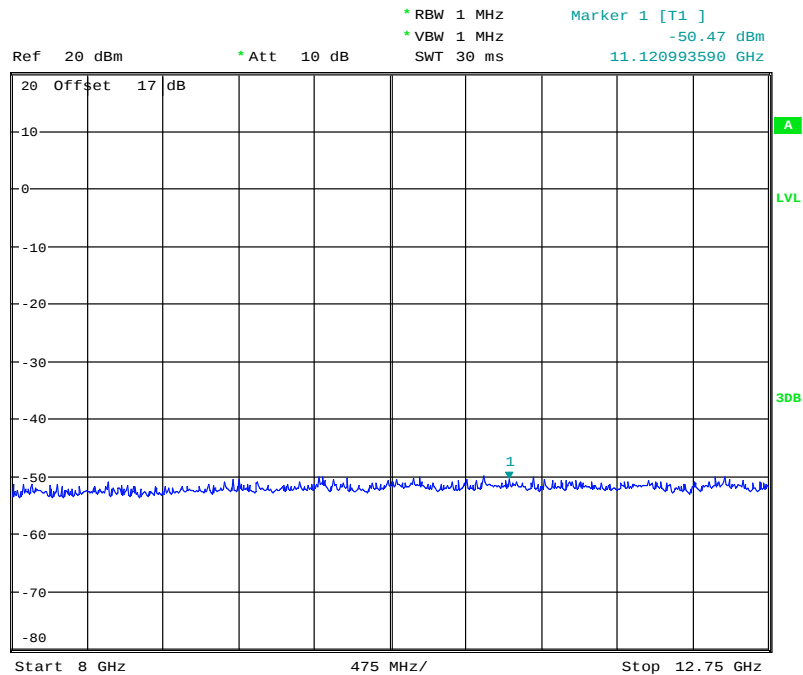
Date: 6.DEC.2014 21:46:42



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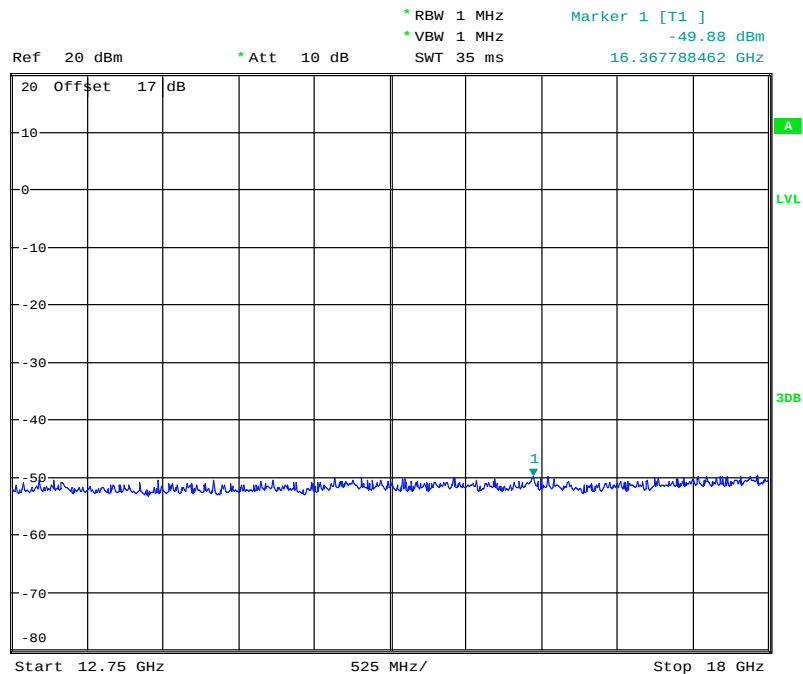
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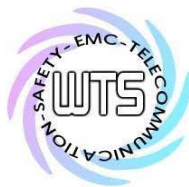
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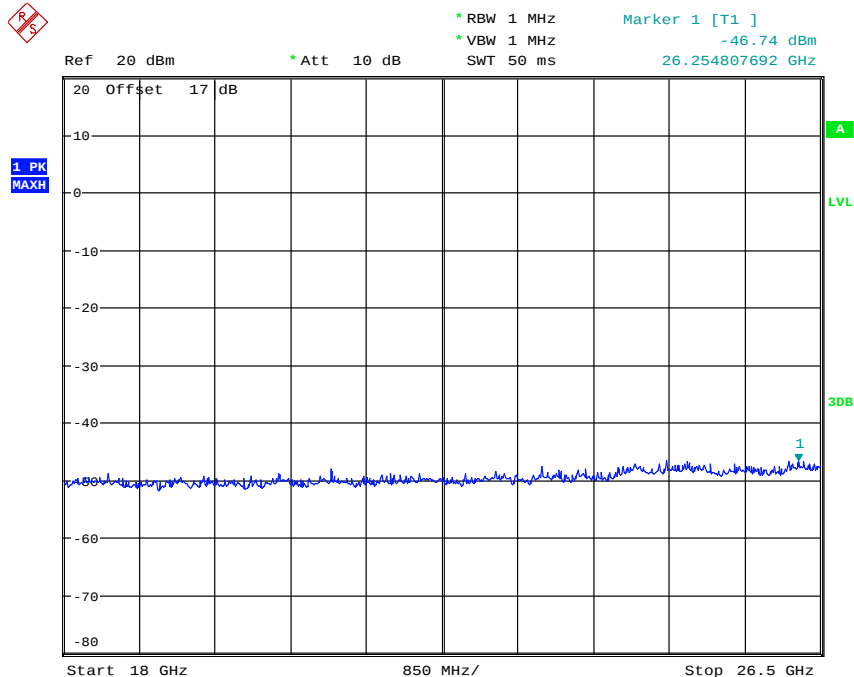
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Date: 6.DEC.2014 21:48:05



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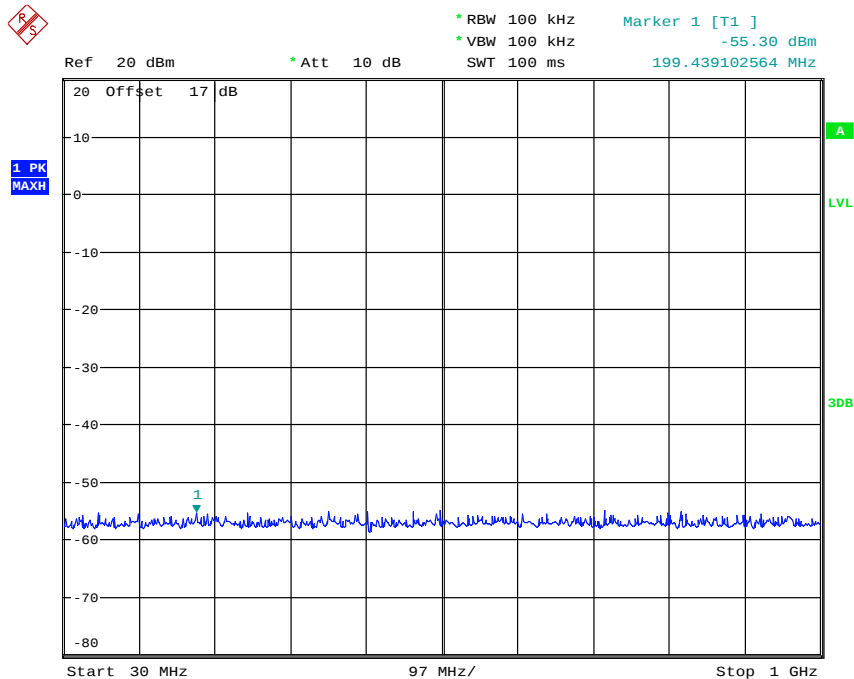
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CONDUCTED SPURIOUS EMISSION PCS1900 CH661

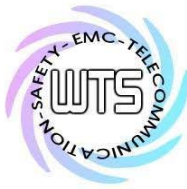
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CH810



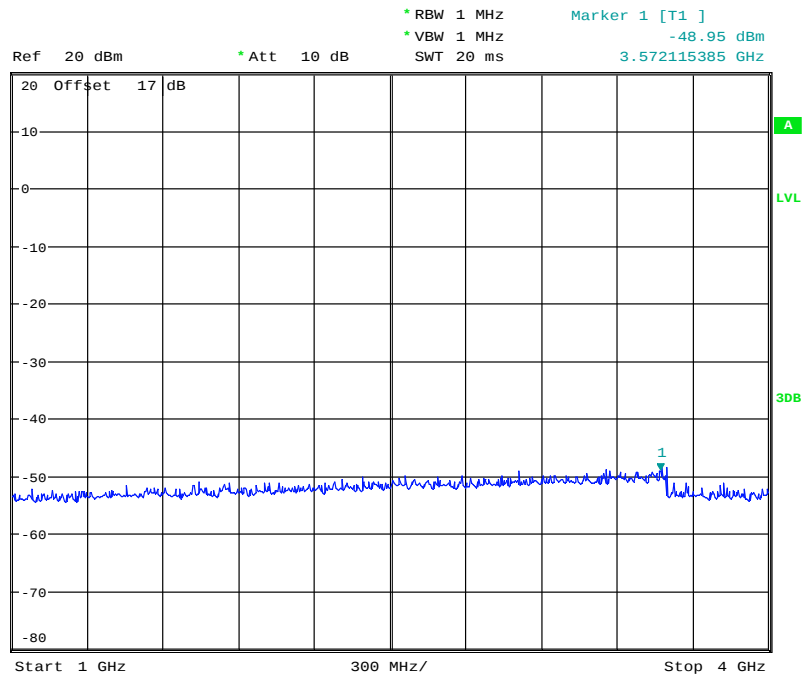
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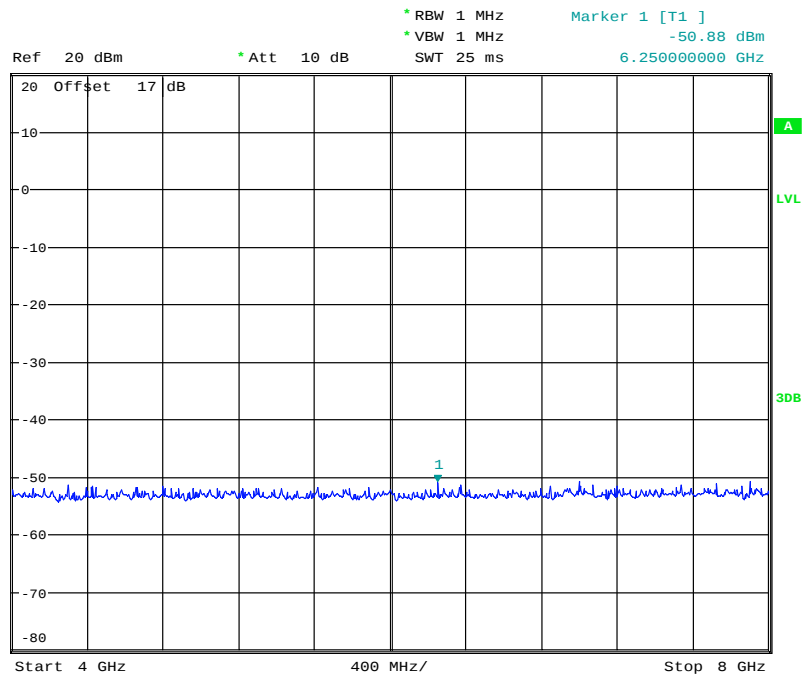
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



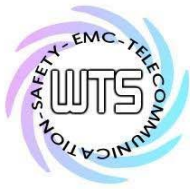
CONDUCTED SPURIOUS EMISSION PCS1900 CH810

Date: 6.DEC.2014 21:45:42



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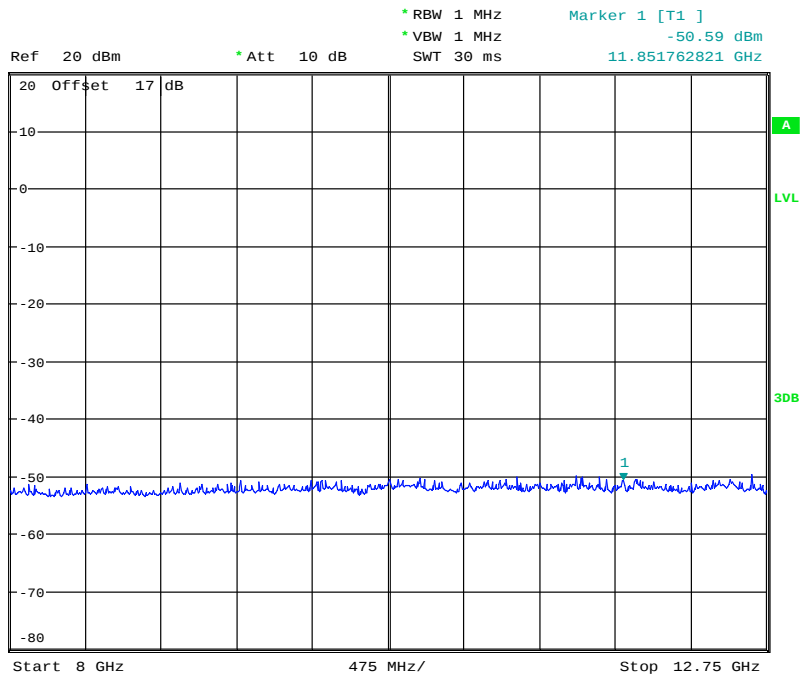
Date: 6.DEC.2014 21:46:56



Worldwide Testing Services(Taiwan) Co., Ltd.

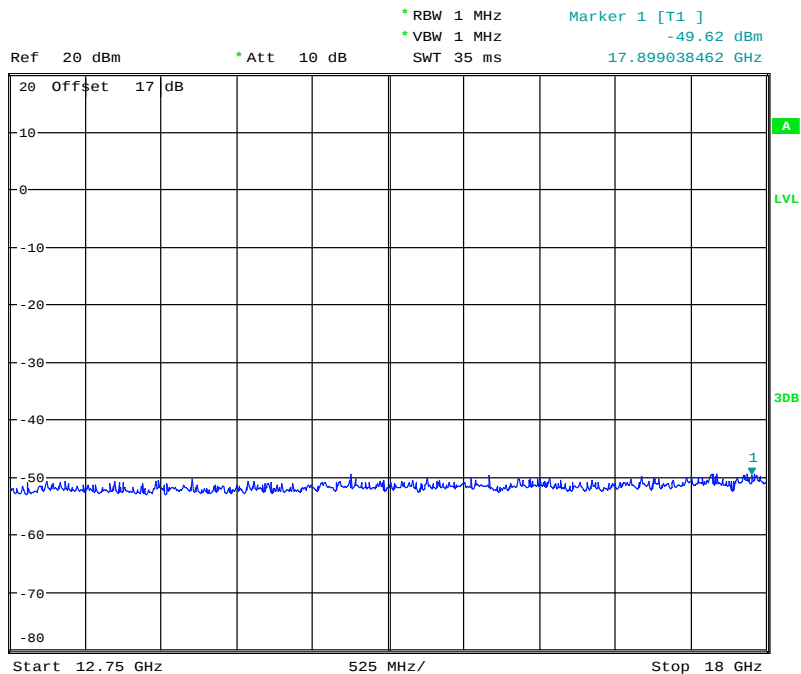
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FCC ID: GX9MOBILE



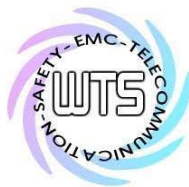
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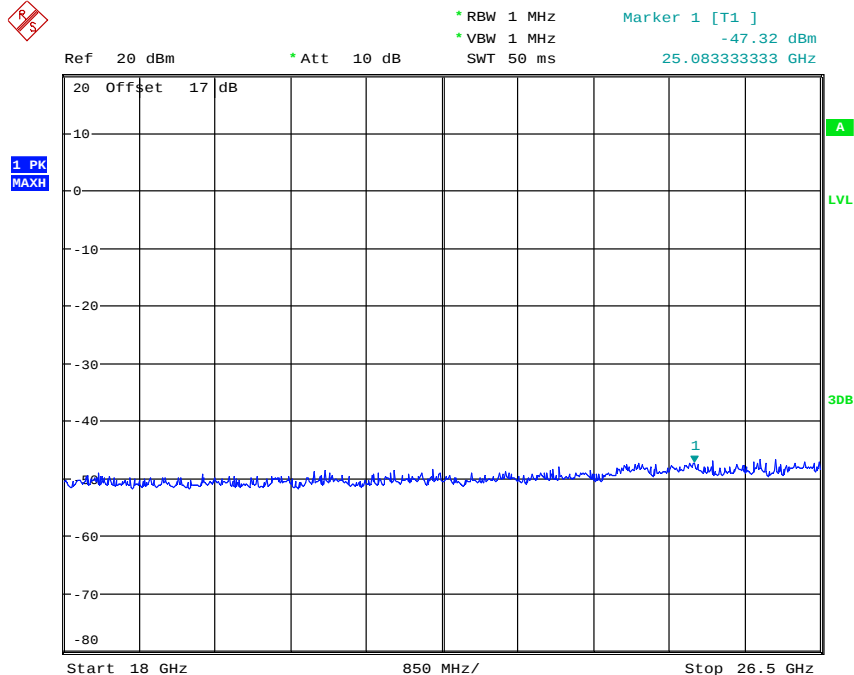
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Date: 6.DEC.2014 21:48:19



Report Number: W6M21412-14663-P-2224

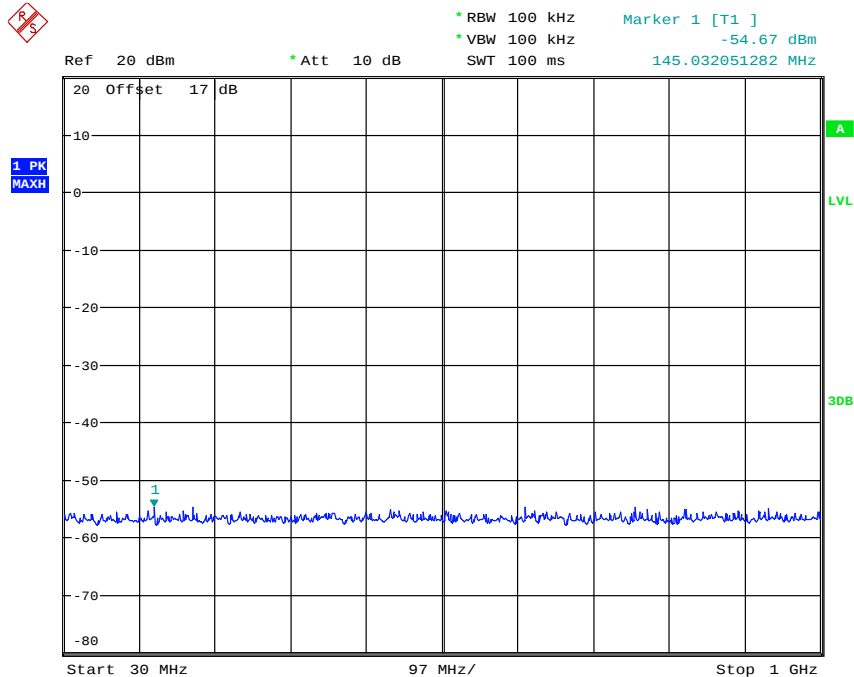
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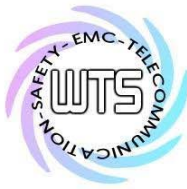
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1900 Band Idle



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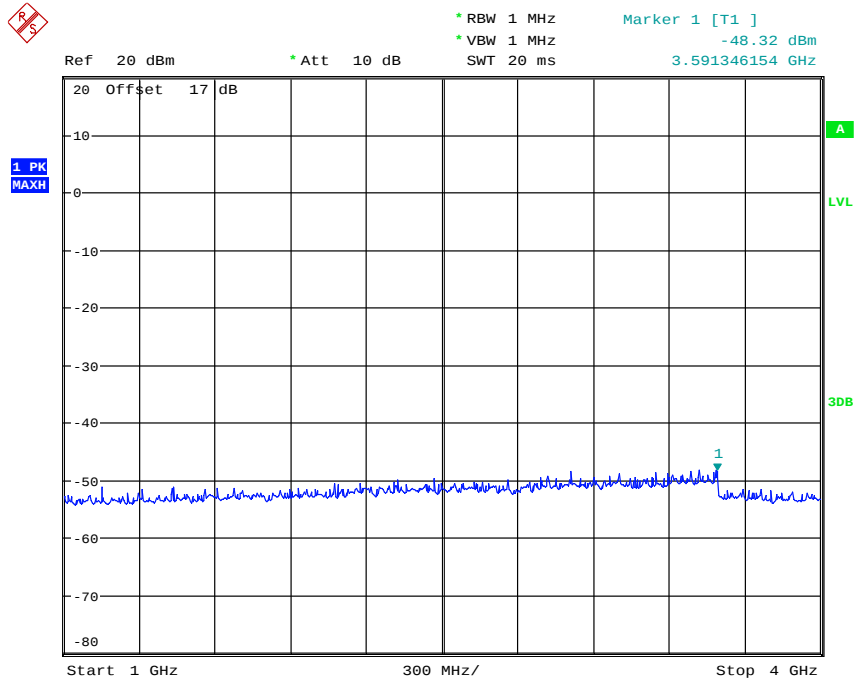
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Worldwide Testing Services(Taiwan) Co., Ltd.

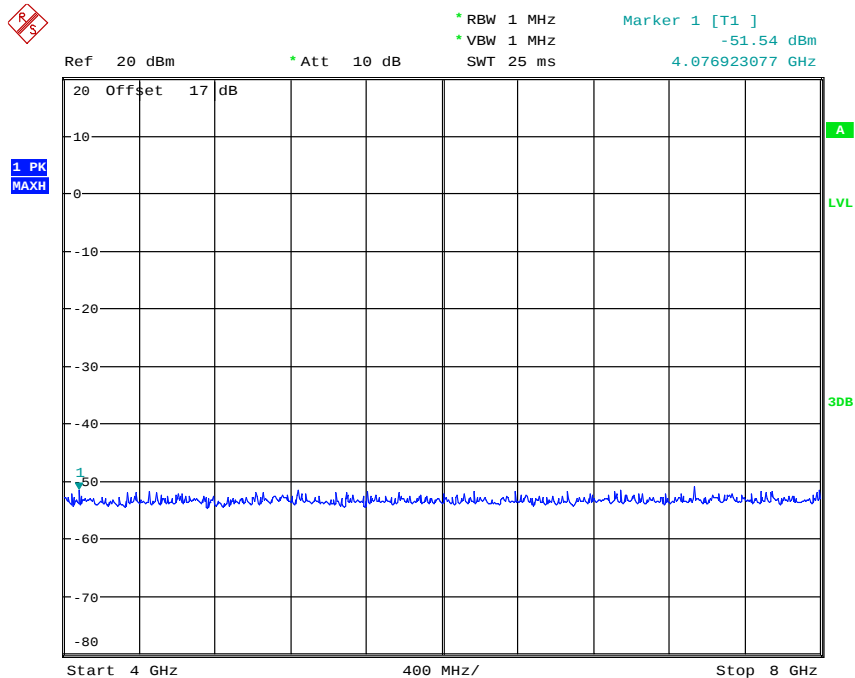
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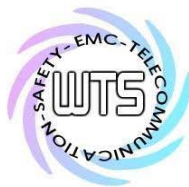
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Date: 6.DEC.2014 22:03:08



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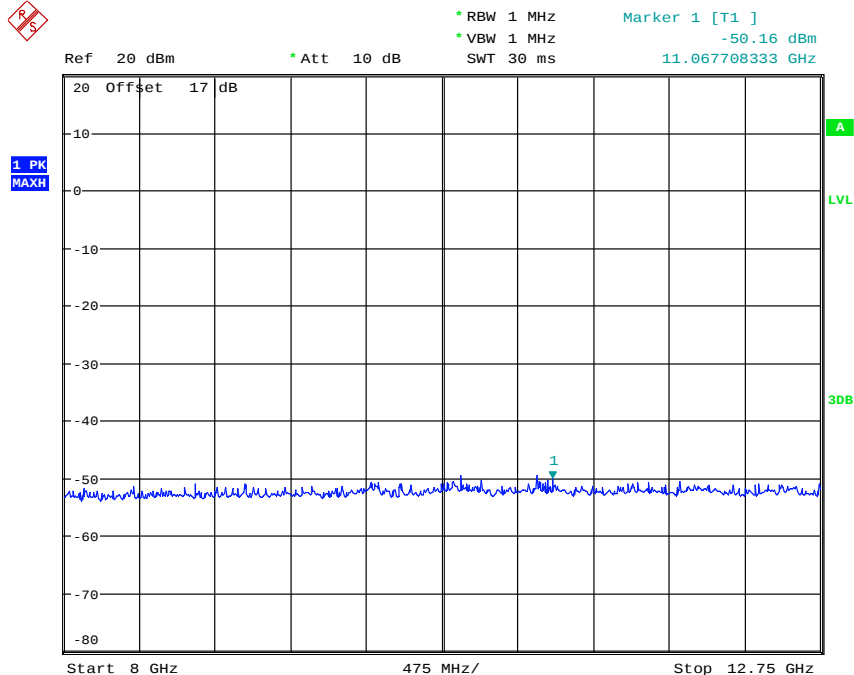
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Worldwide Testing Services(Taiwan) Co., Ltd.

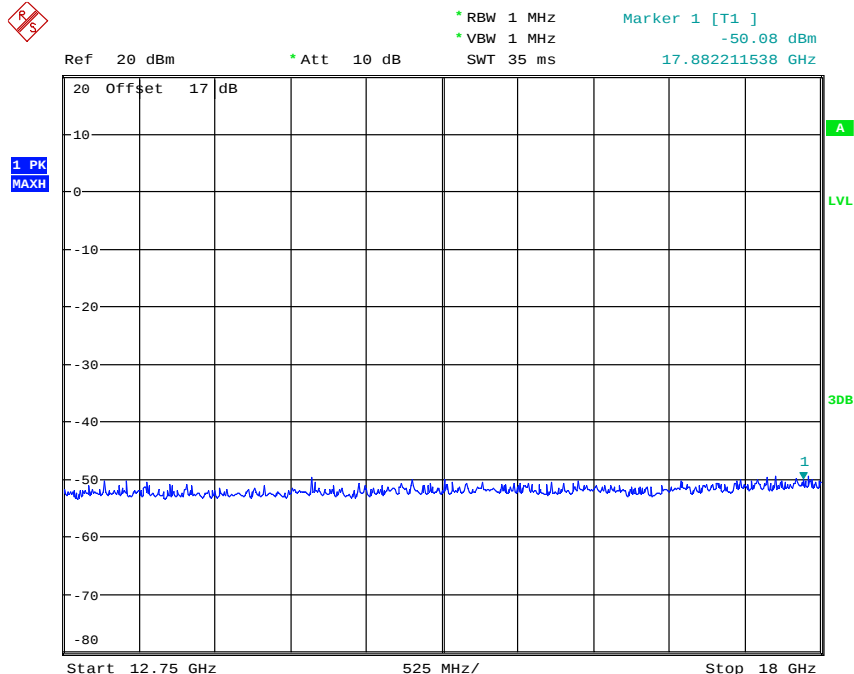
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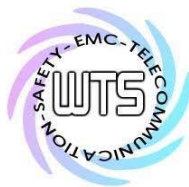
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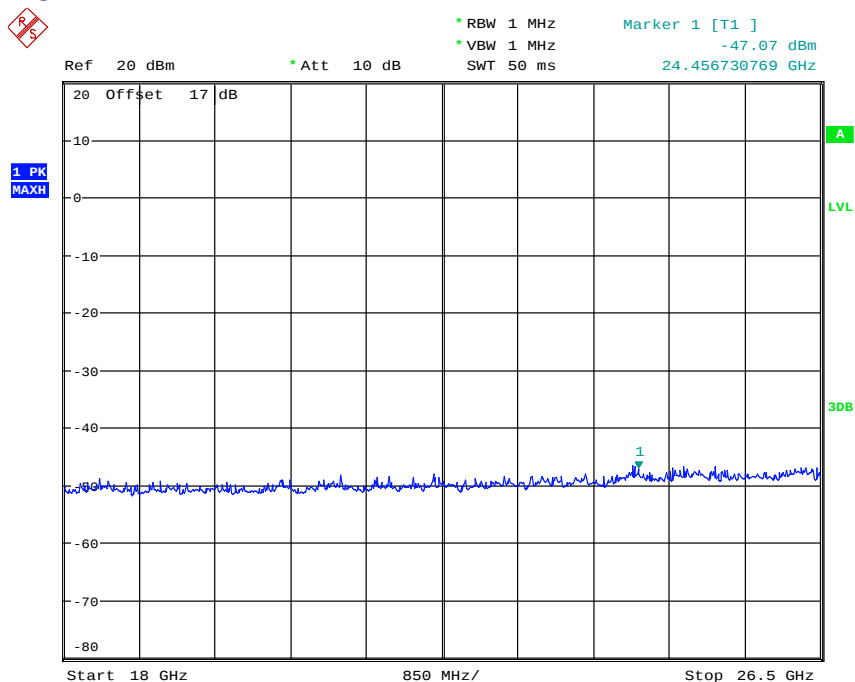
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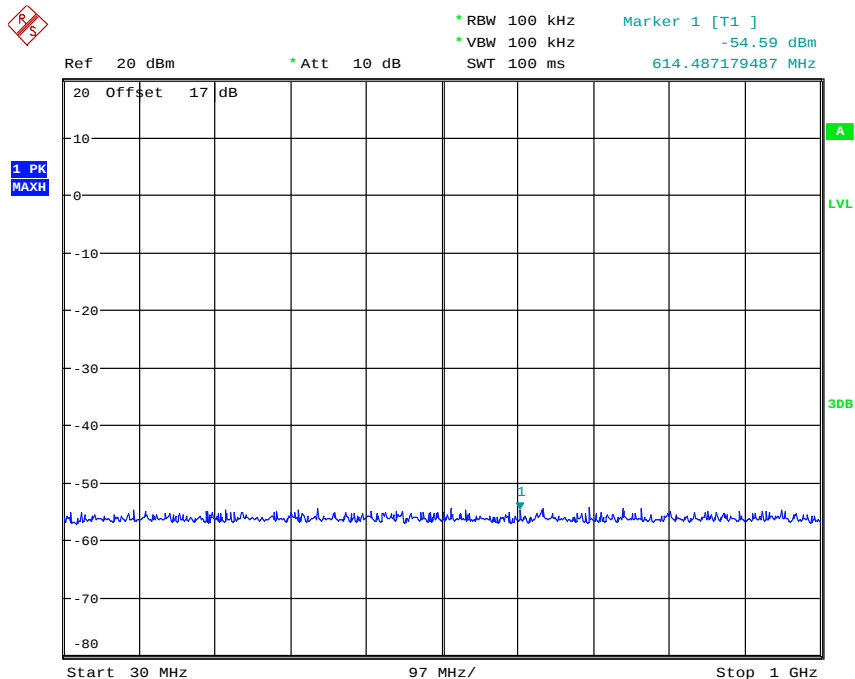
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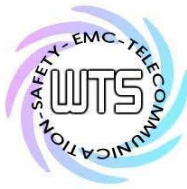
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CH9262



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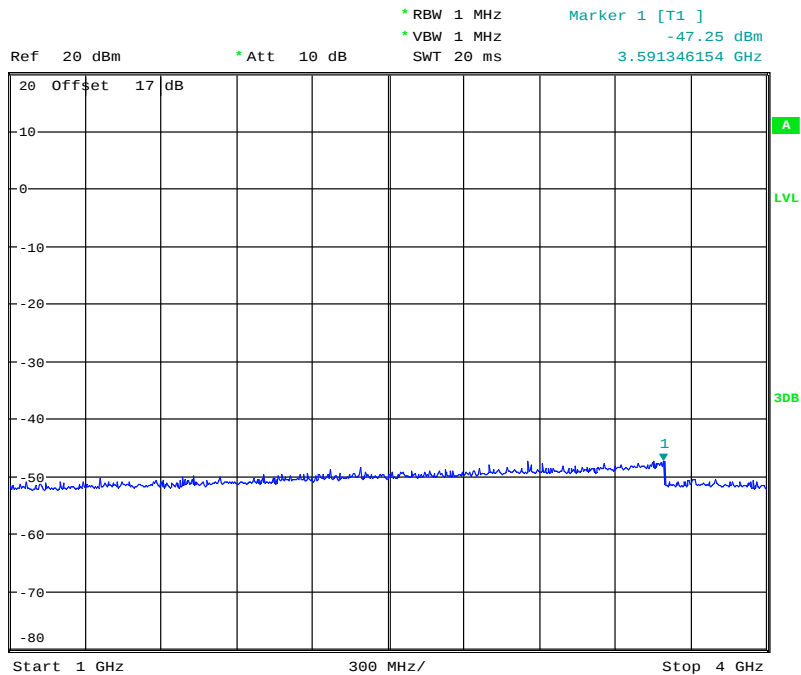
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Worldwide Testing Services(Taiwan) Co., Ltd.

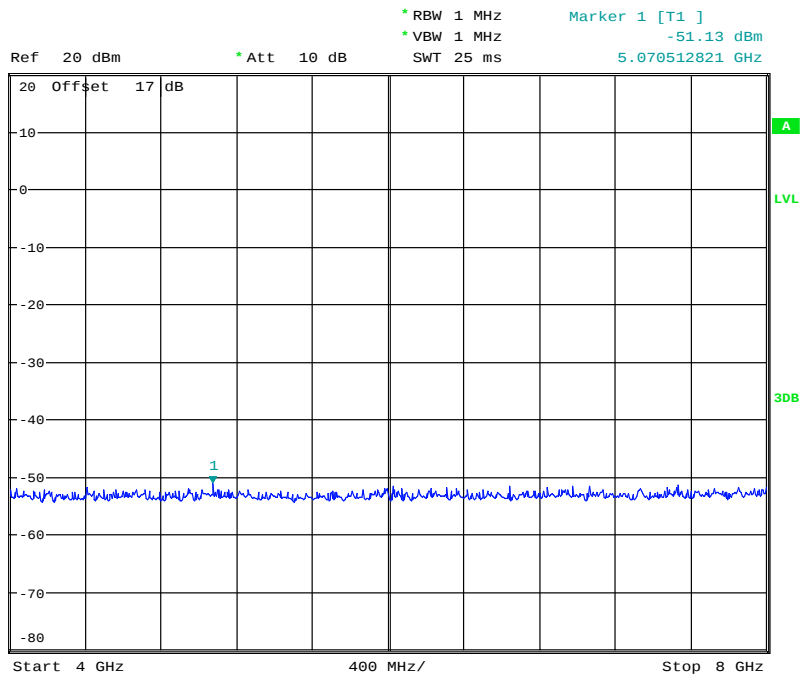
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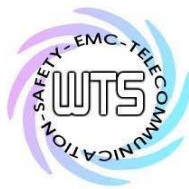
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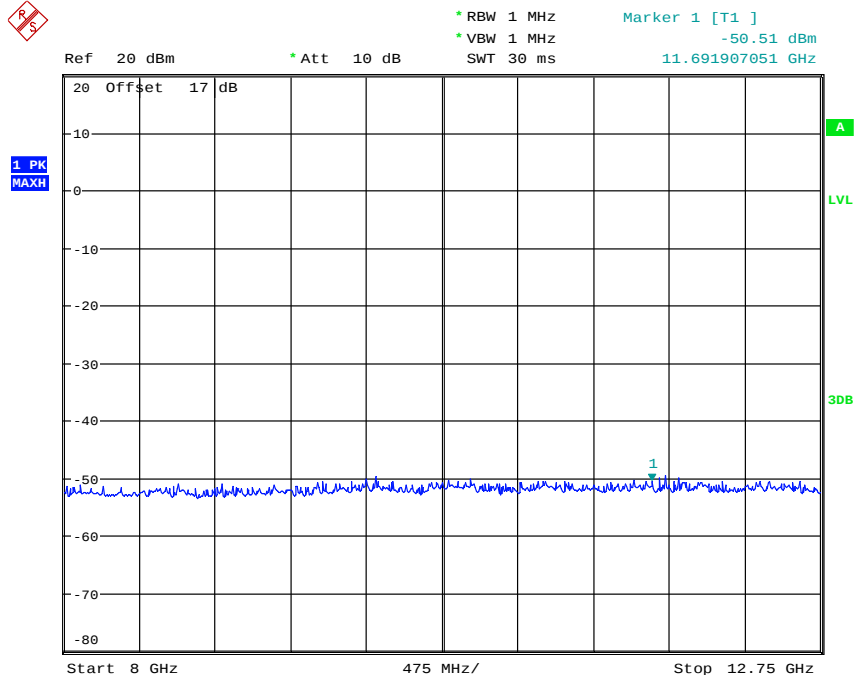
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Worldwide Testing Services(Taiwan) Co., Ltd.

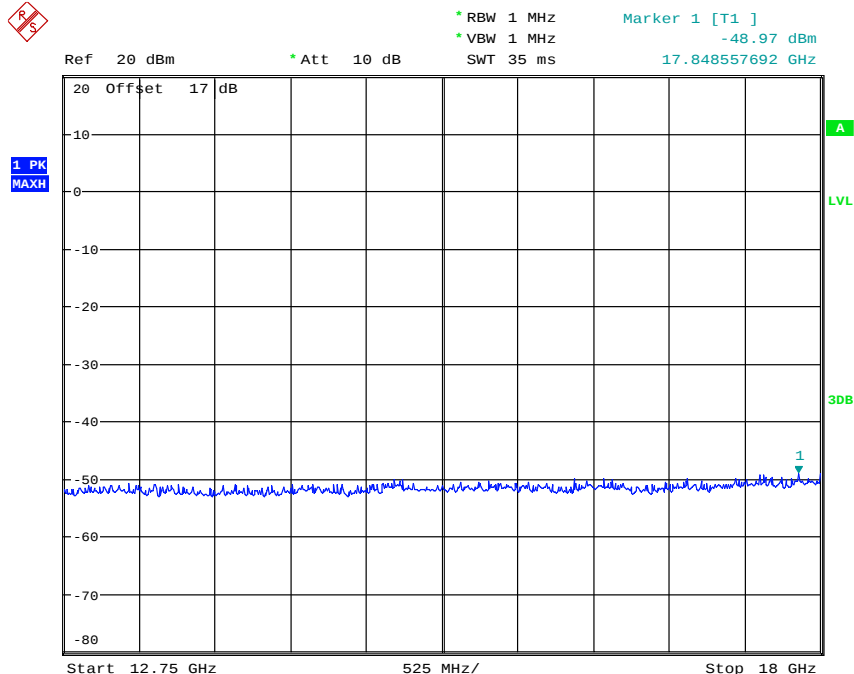
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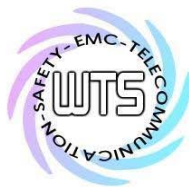
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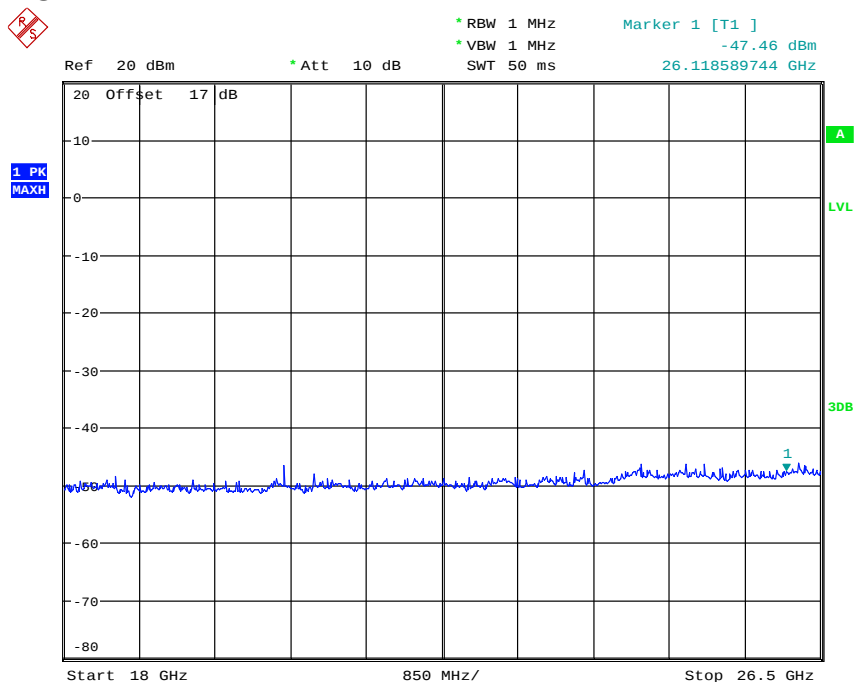
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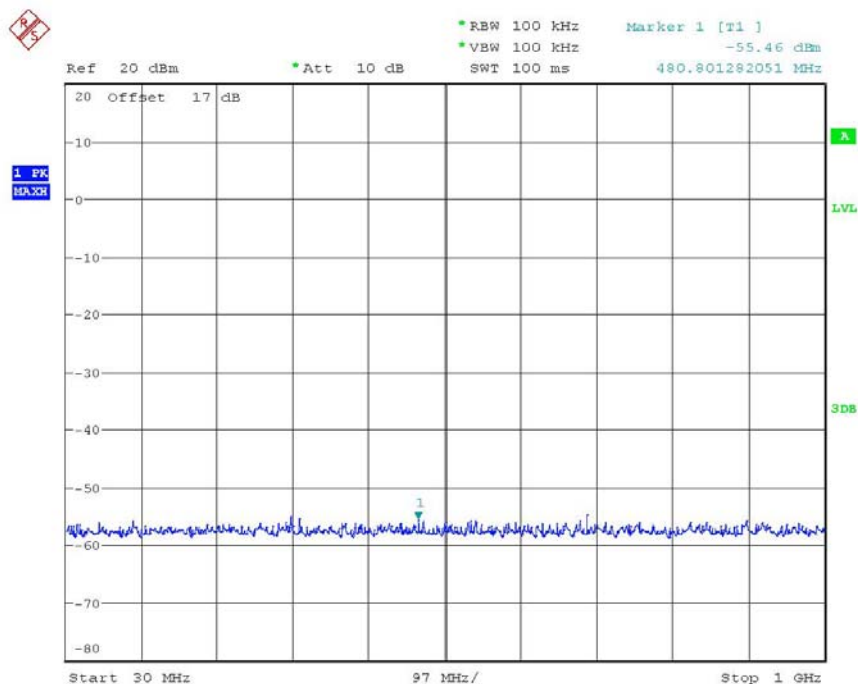
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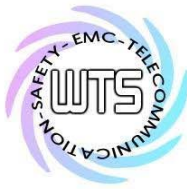
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CH9400



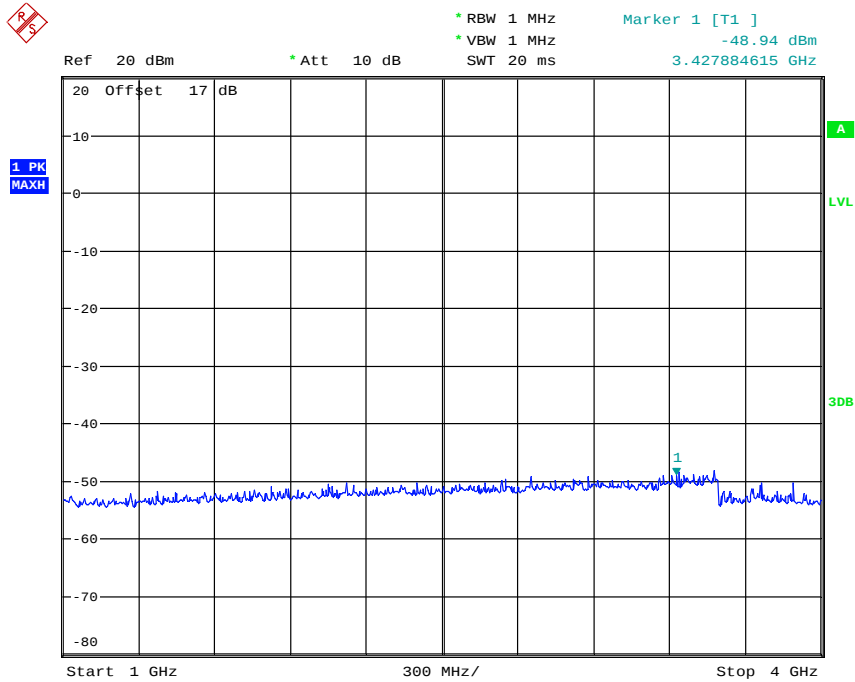
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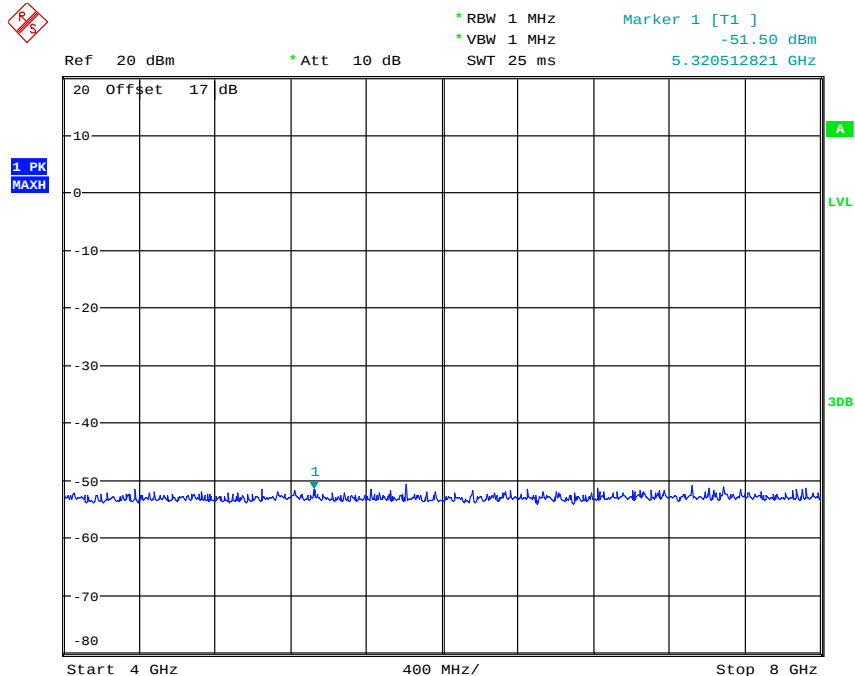
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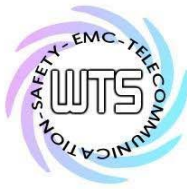
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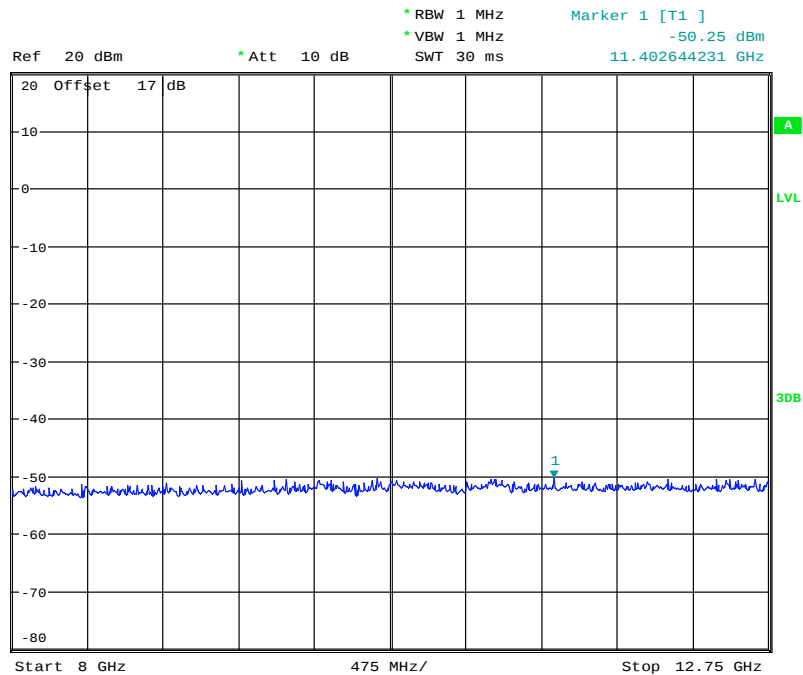
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Worldwide Testing Services(Taiwan) Co., Ltd.

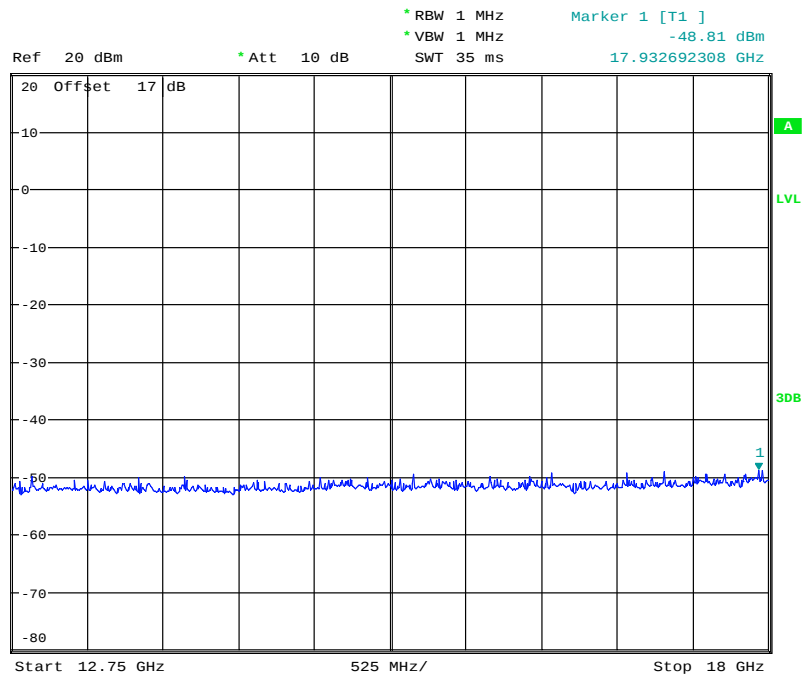
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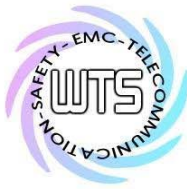
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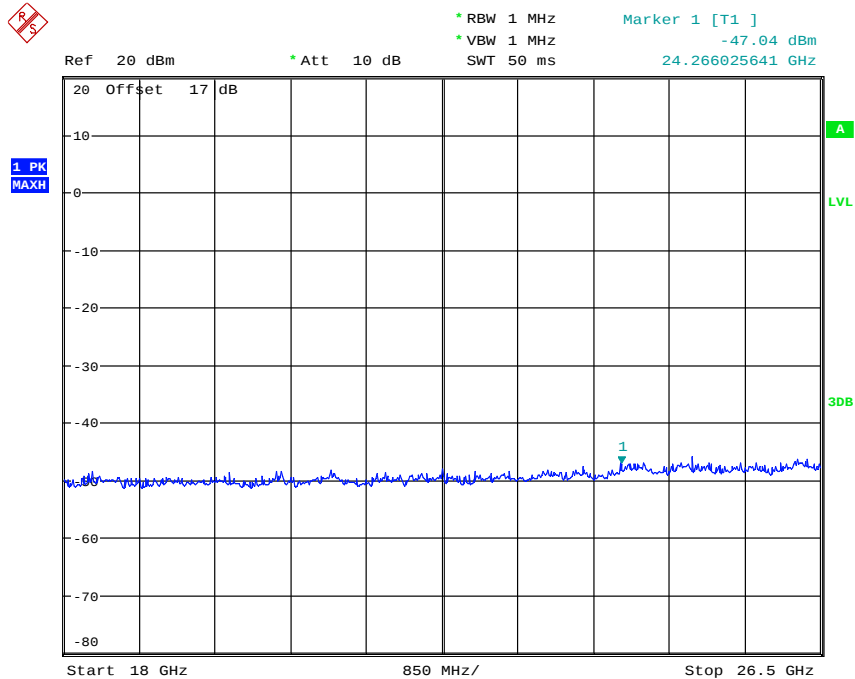
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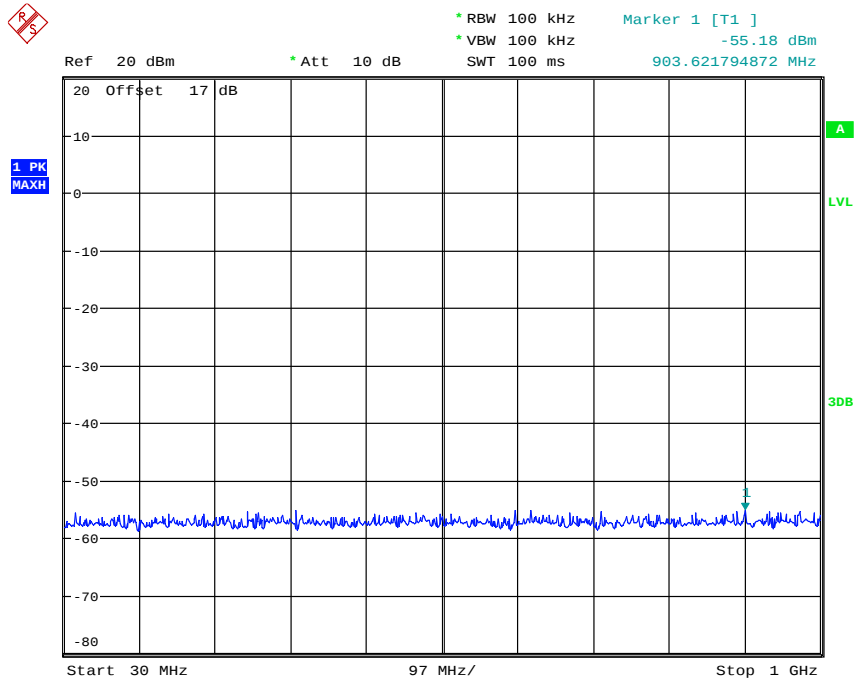
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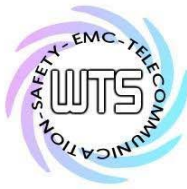


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Date: 6.DEC.2014 21:41:16

CH9538



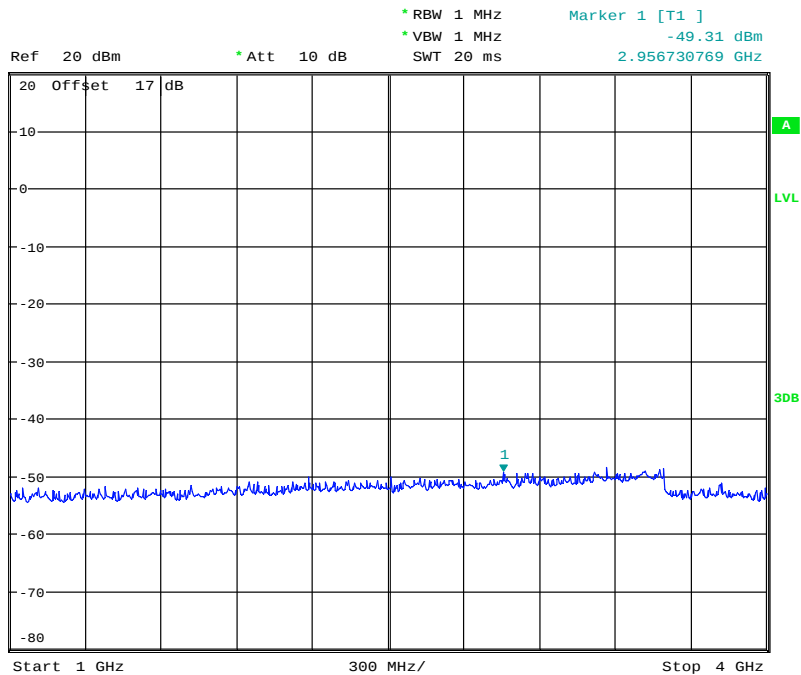
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Worldwide Testing Services(Taiwan) Co., Ltd.

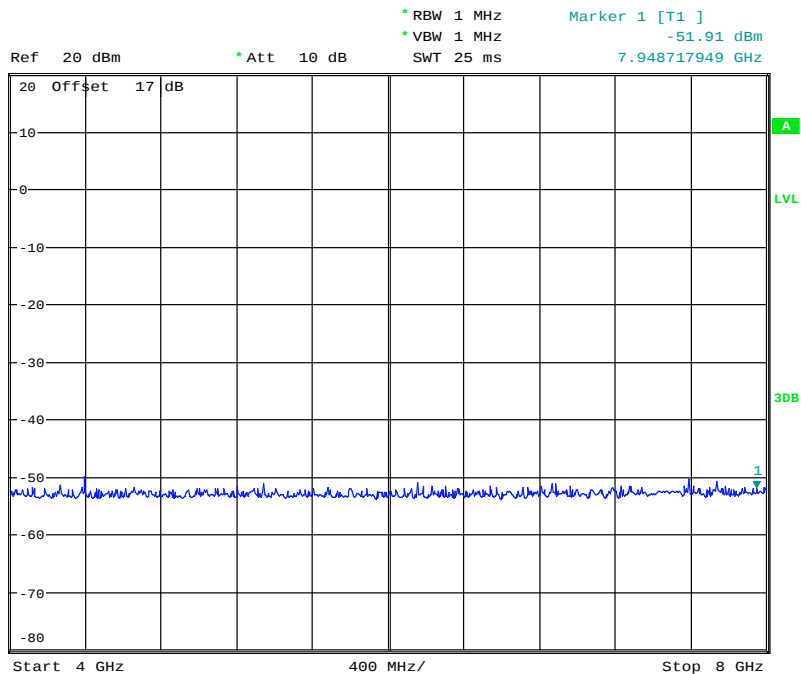
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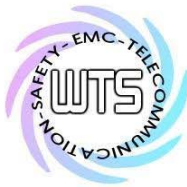
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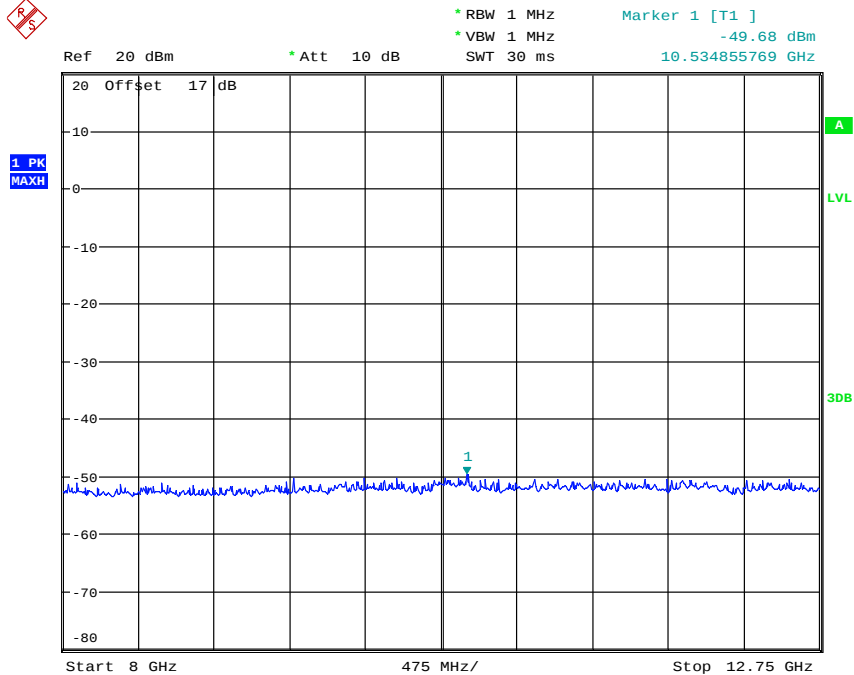
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Worldwide Testing Services(Taiwan) Co., Ltd.

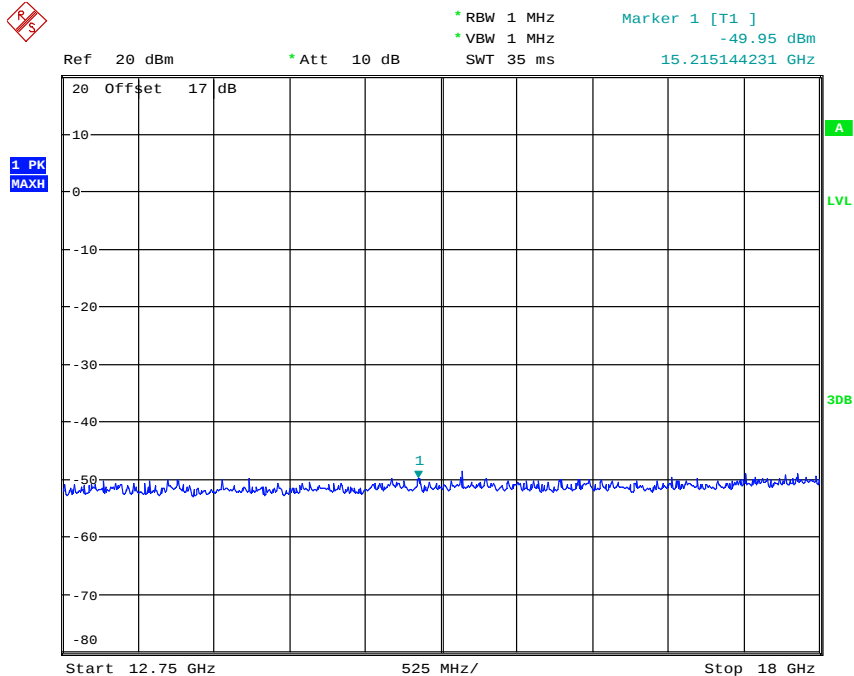
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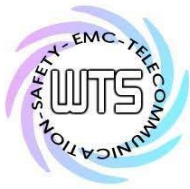
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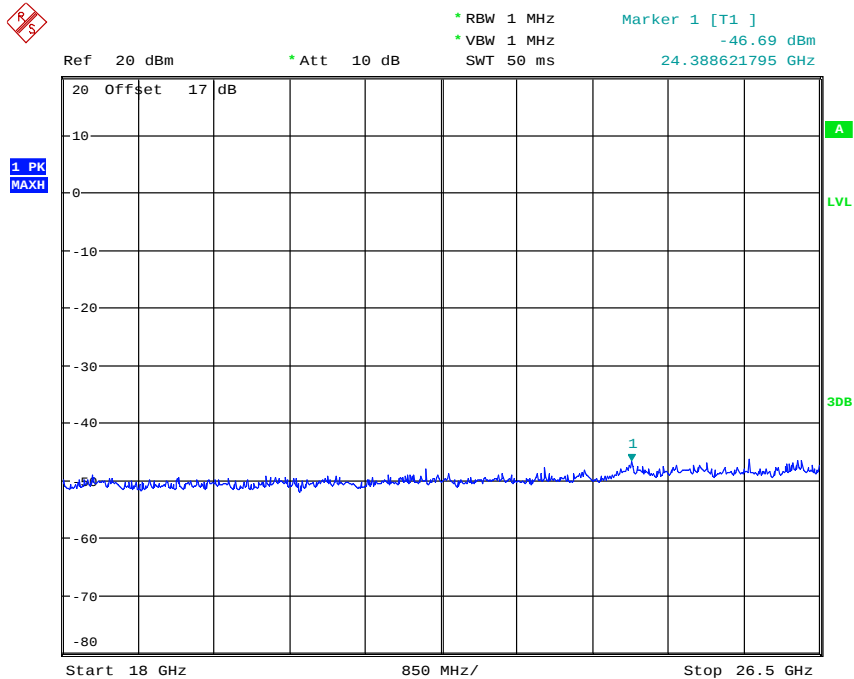
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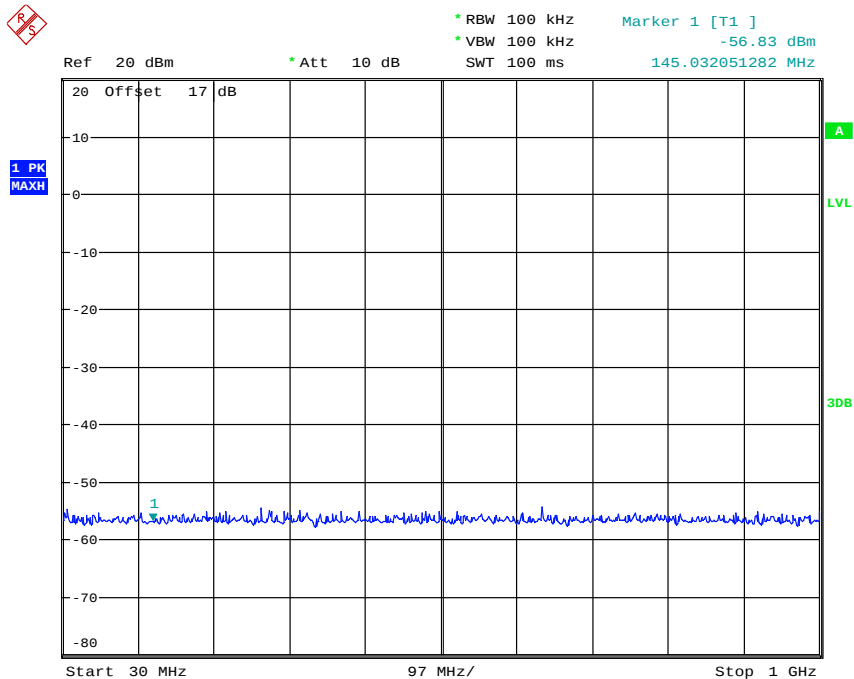
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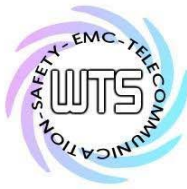


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Date: 6.DEC.2014 21:40:46

Band II Idle



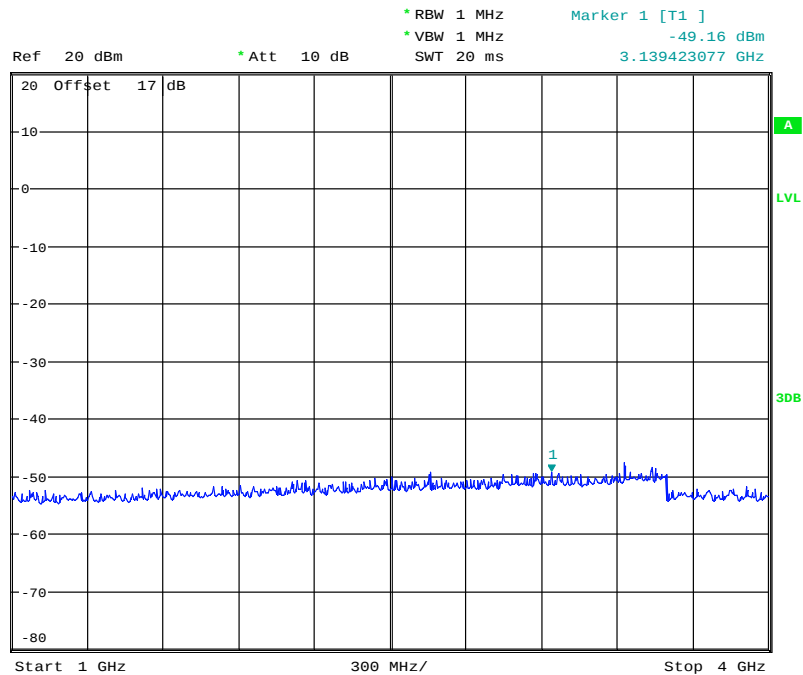
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Date: 6.DEC.2014 21:54:38



Worldwide Testing Services(Taiwan) Co., Ltd.

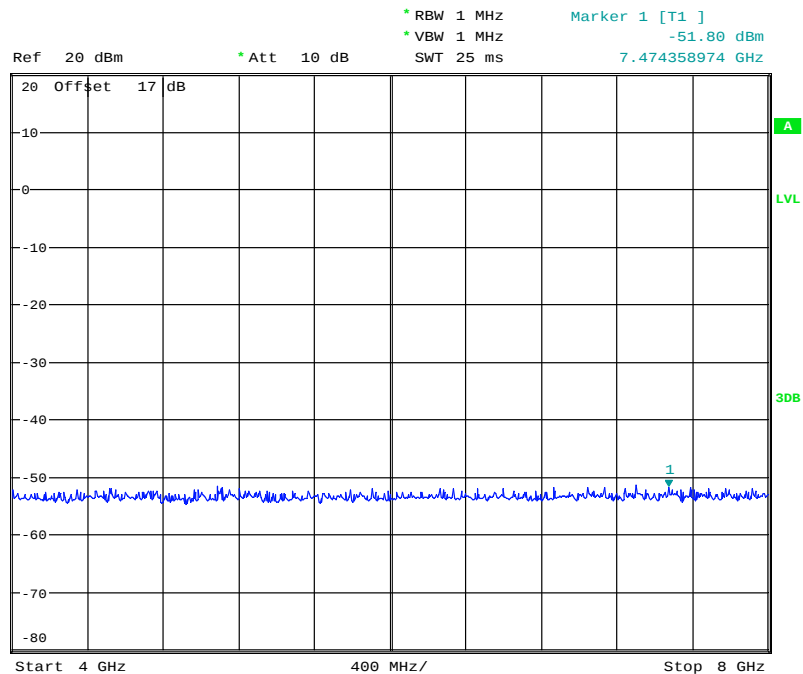
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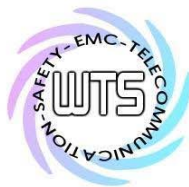
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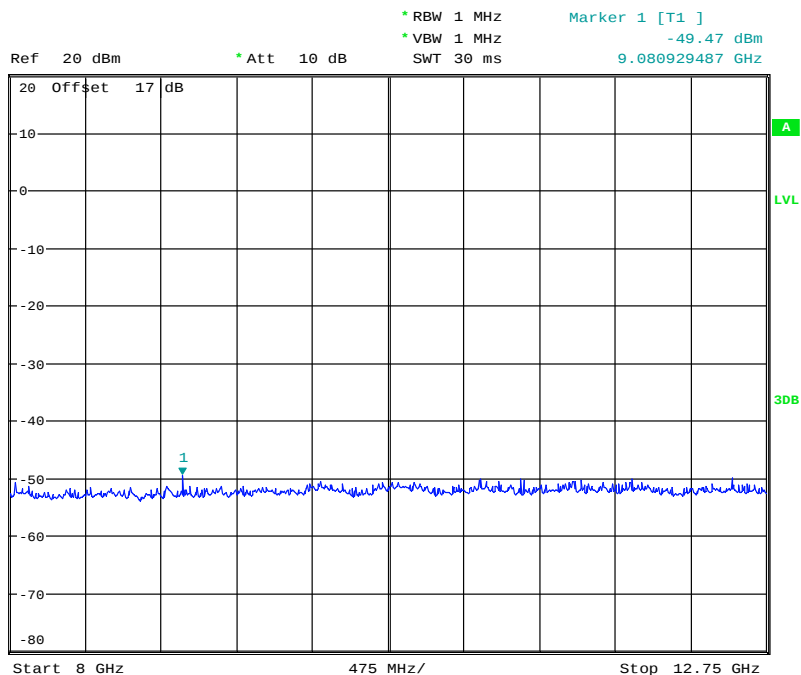
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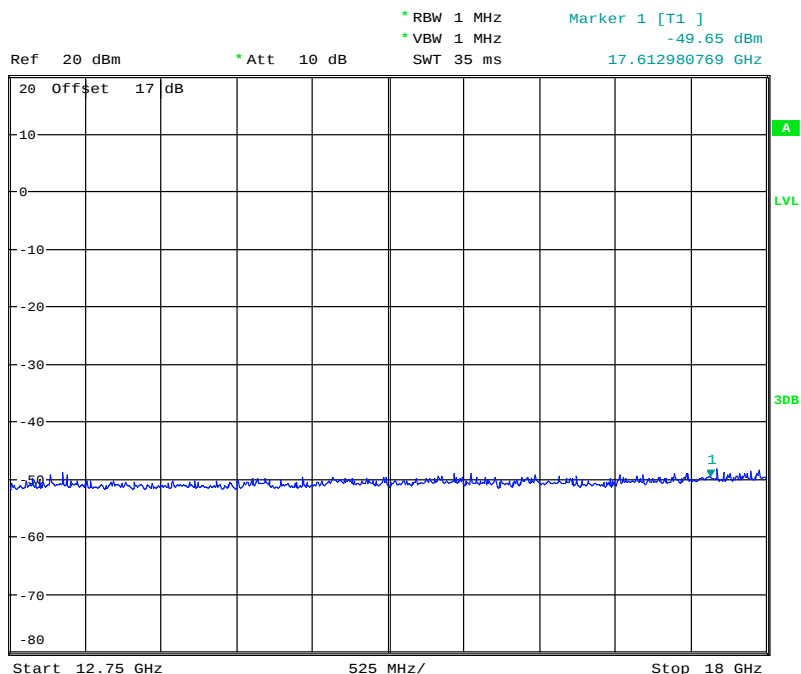
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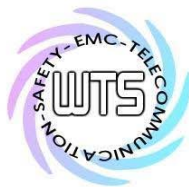
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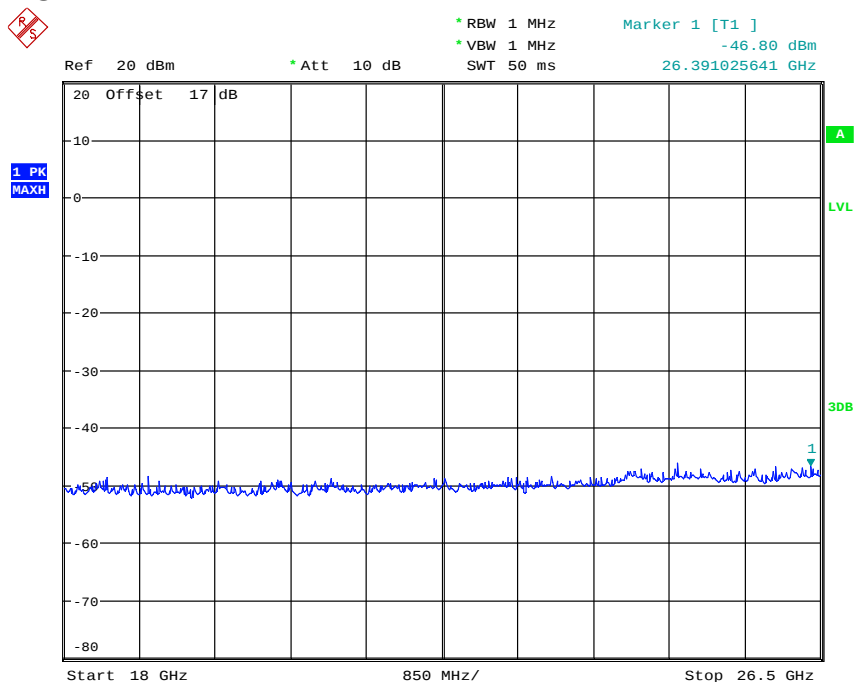
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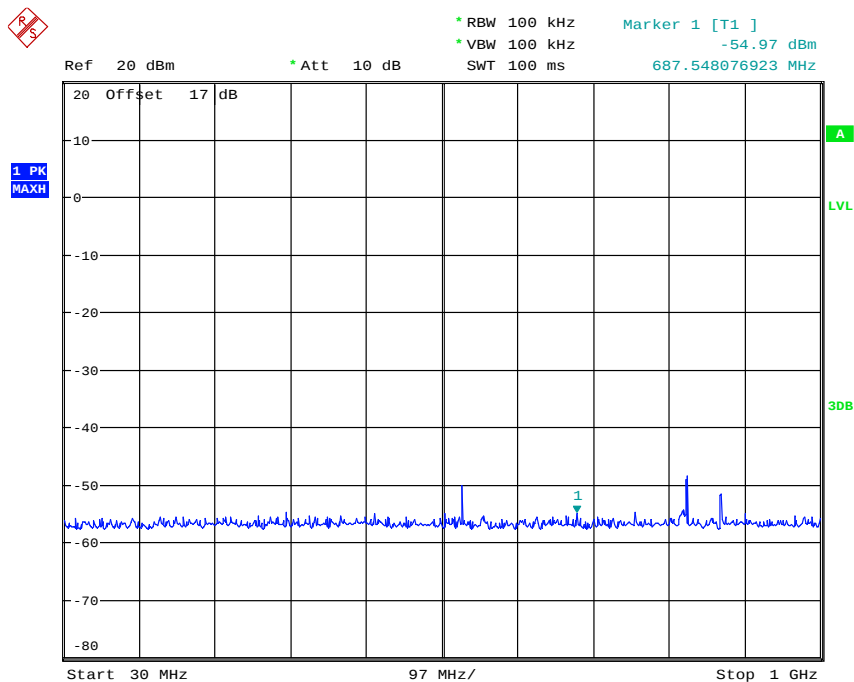
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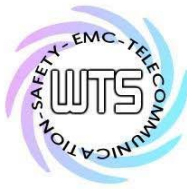
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CH4132



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4132

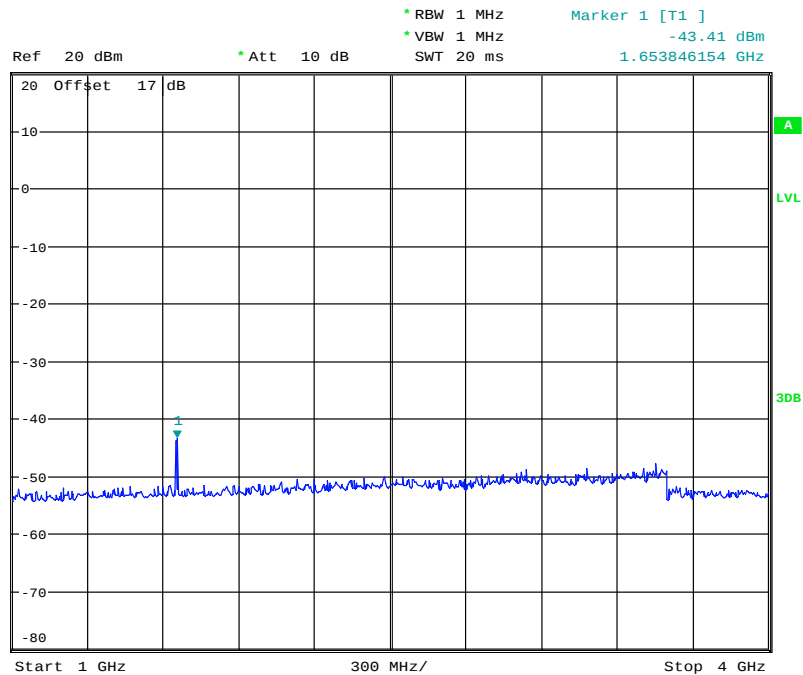
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Worldwide Testing Services(Taiwan) Co., Ltd.

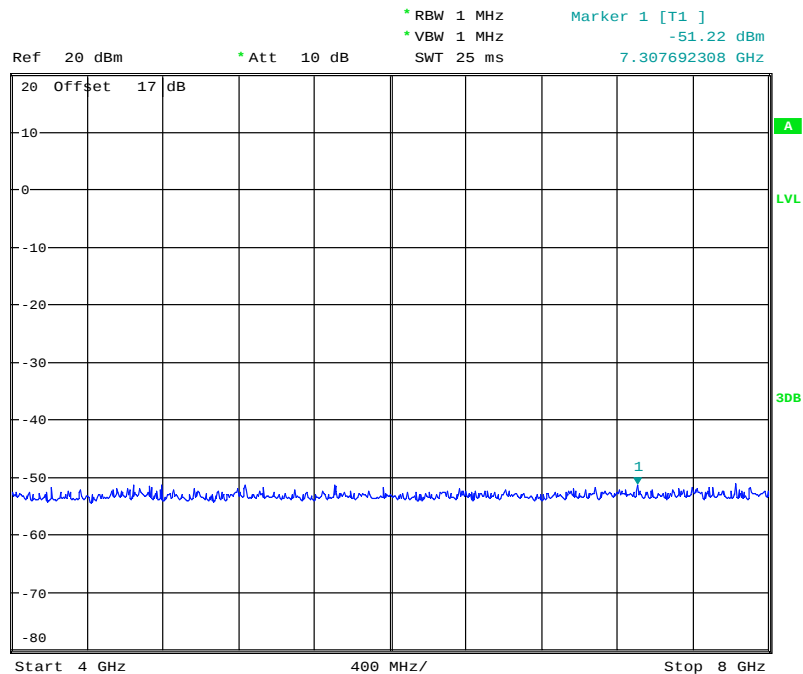
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FCC ID: GX9MOBILE



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4132

Date: 6.DEC.2014 20:26:03

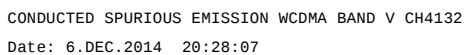
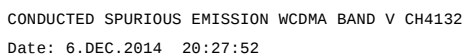


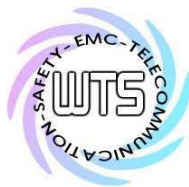
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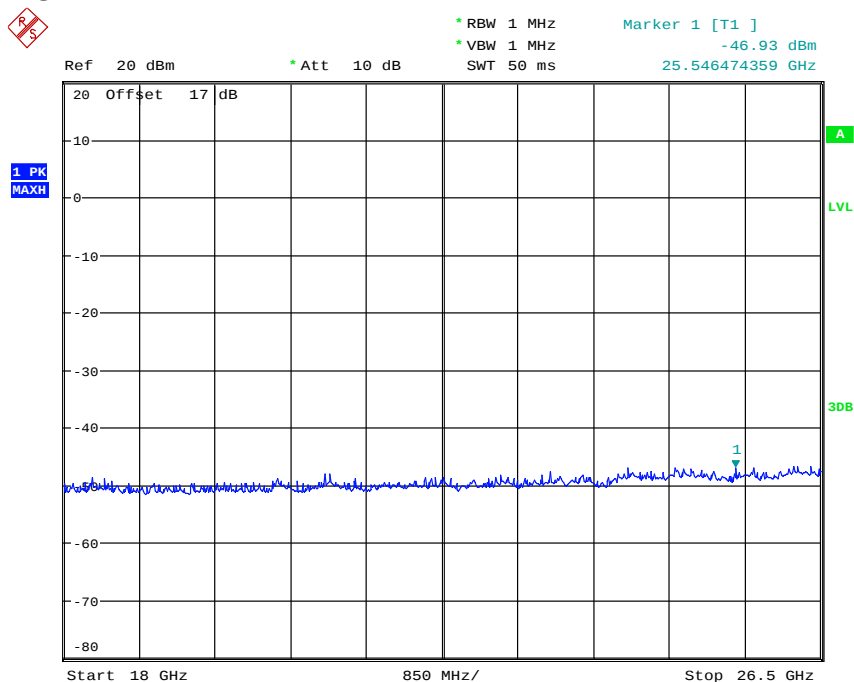
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Report Number: W6M21412-14663-P-2224

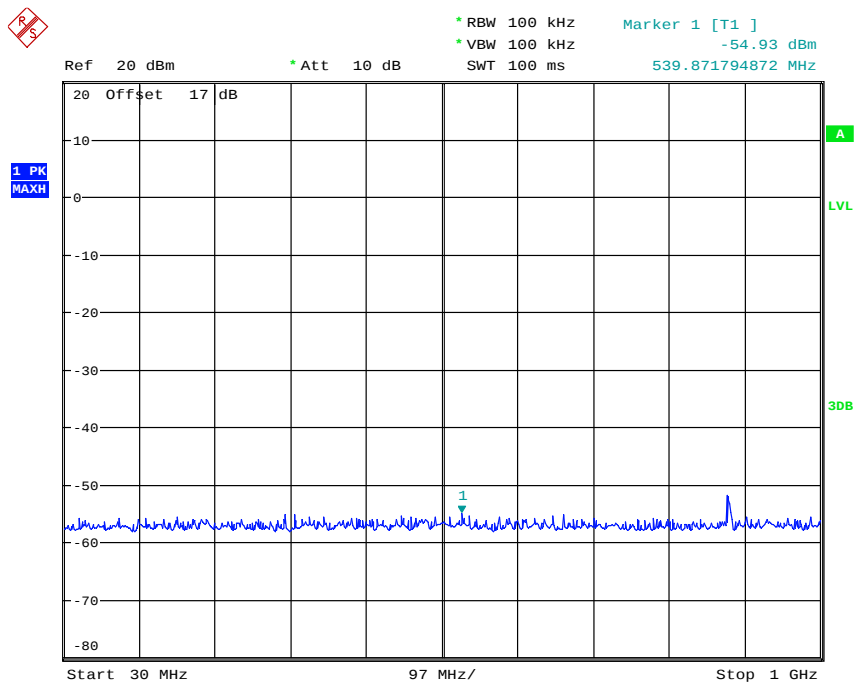
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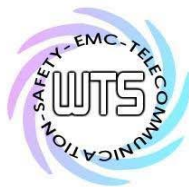
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CH4183



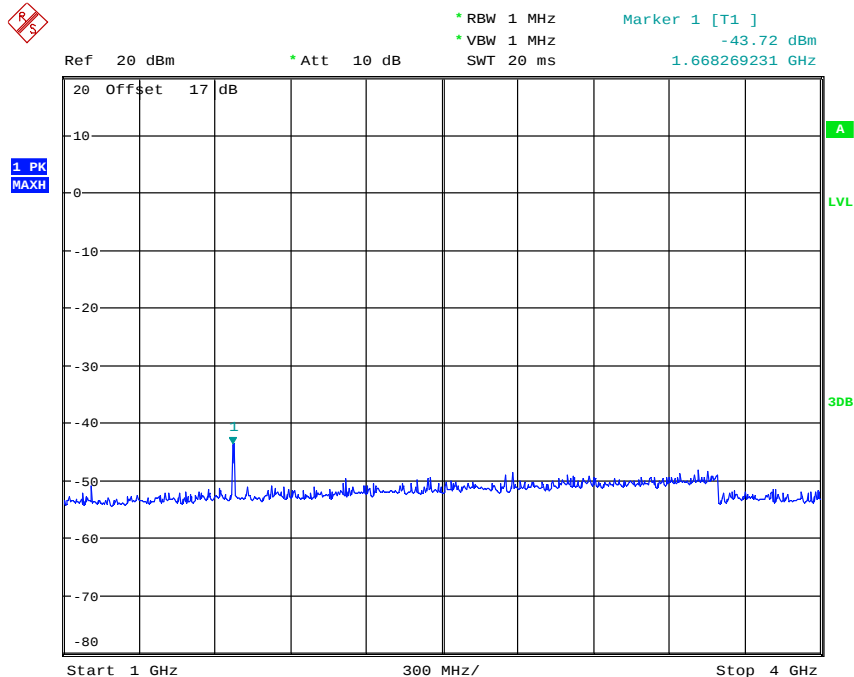
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Date: 6.DEC.2014 20:23:41



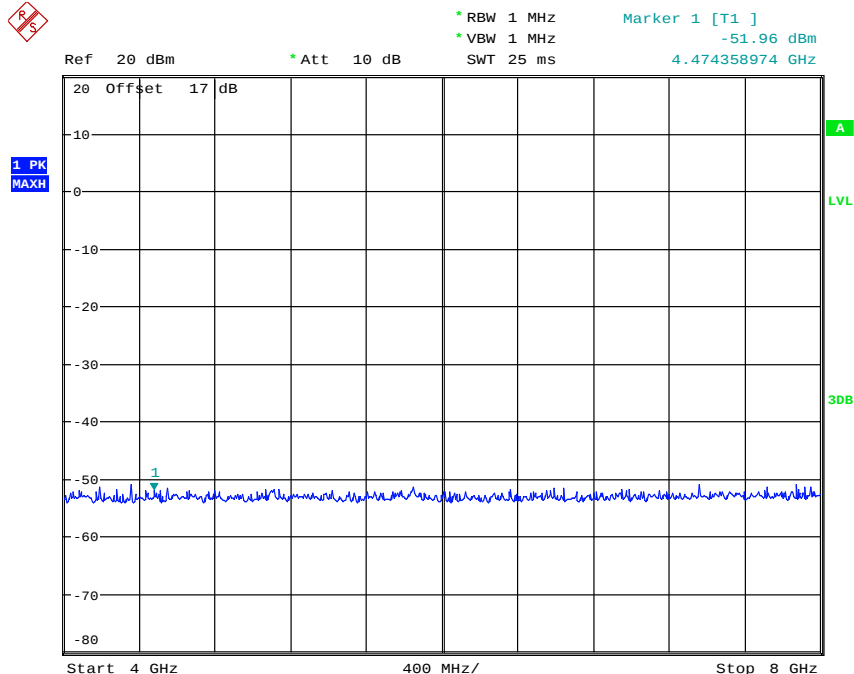
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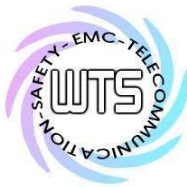
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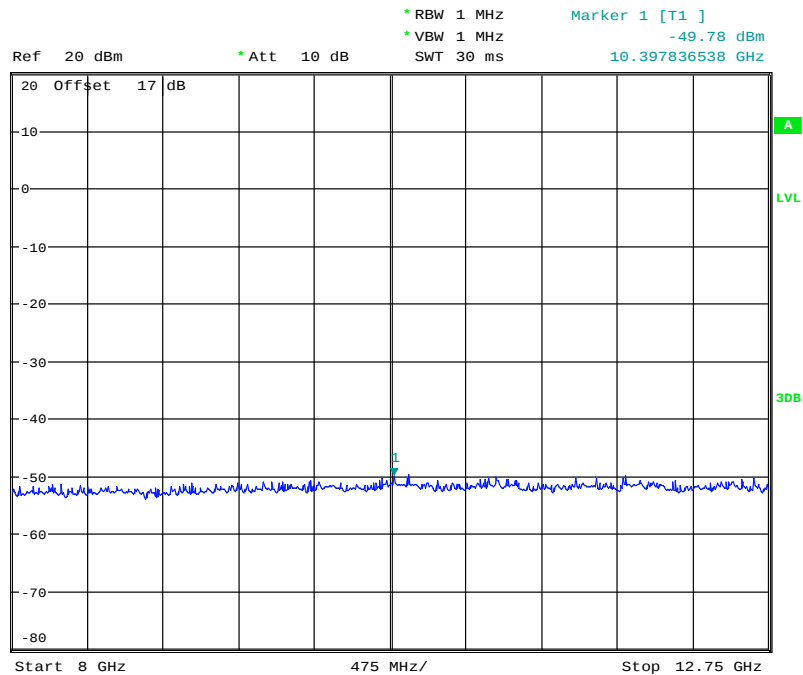
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Worldwide Testing Services(Taiwan) Co., Ltd.

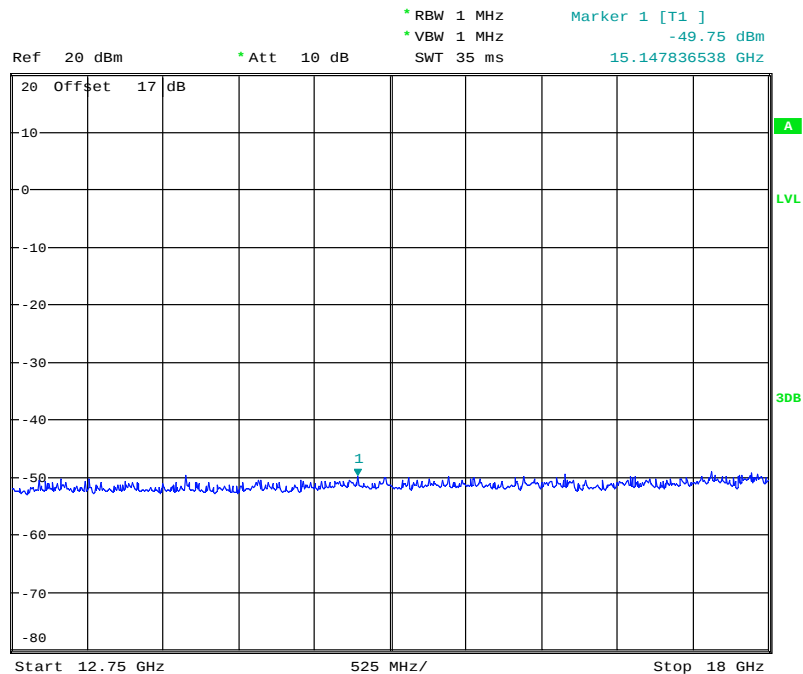
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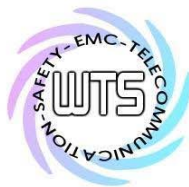
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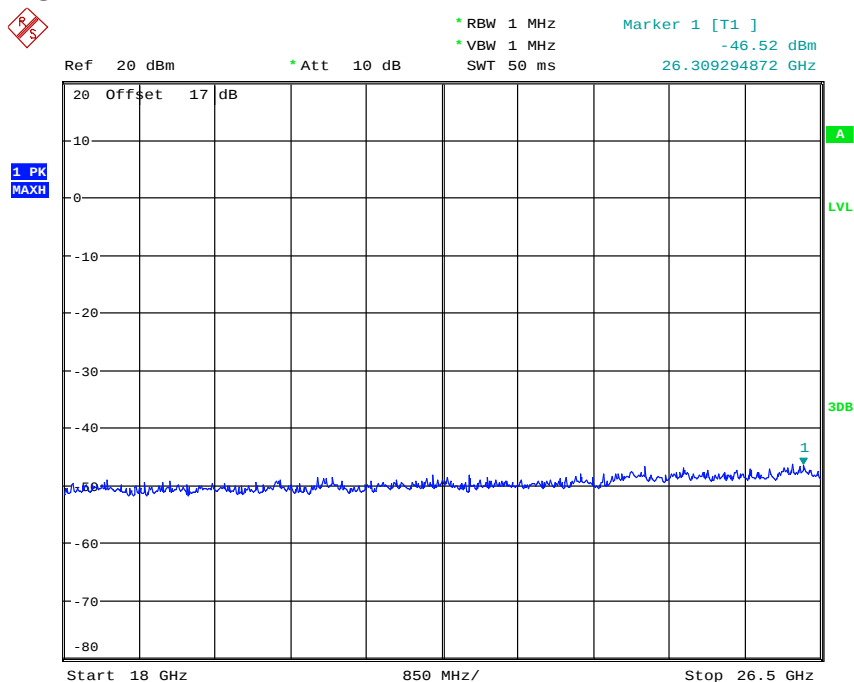
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Date: 6.DEC.2014 20:28:30



Report Number: W6M21412-14663-P-2224

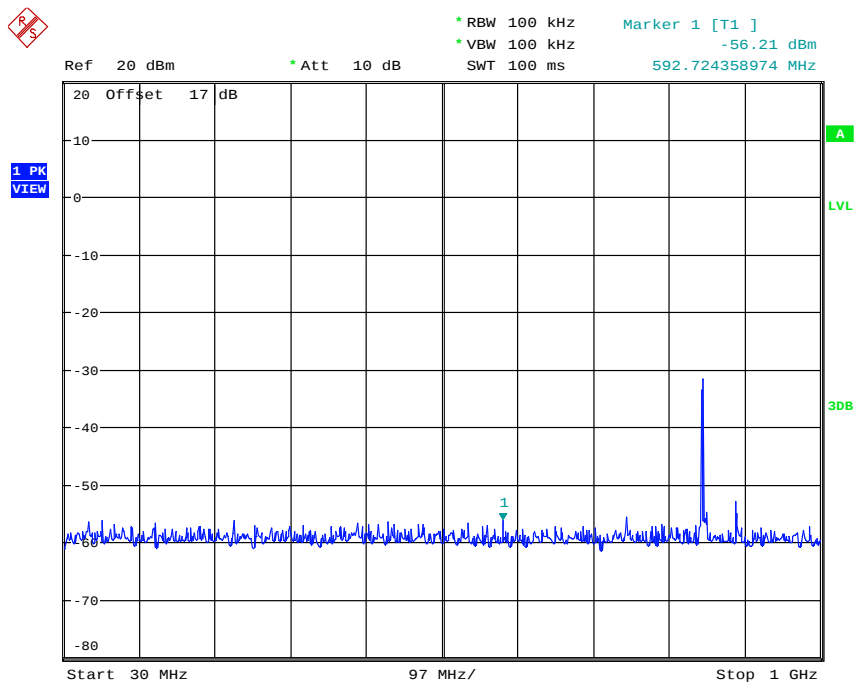
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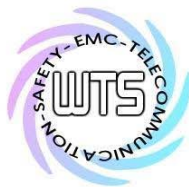
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CH4233



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233

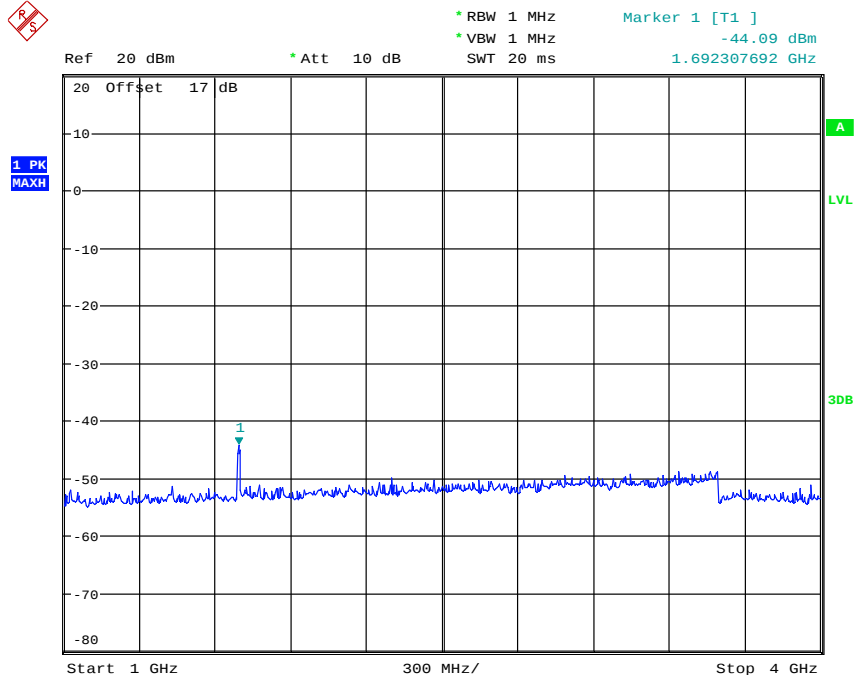
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Worldwide Testing Services(Taiwan) Co., Ltd.

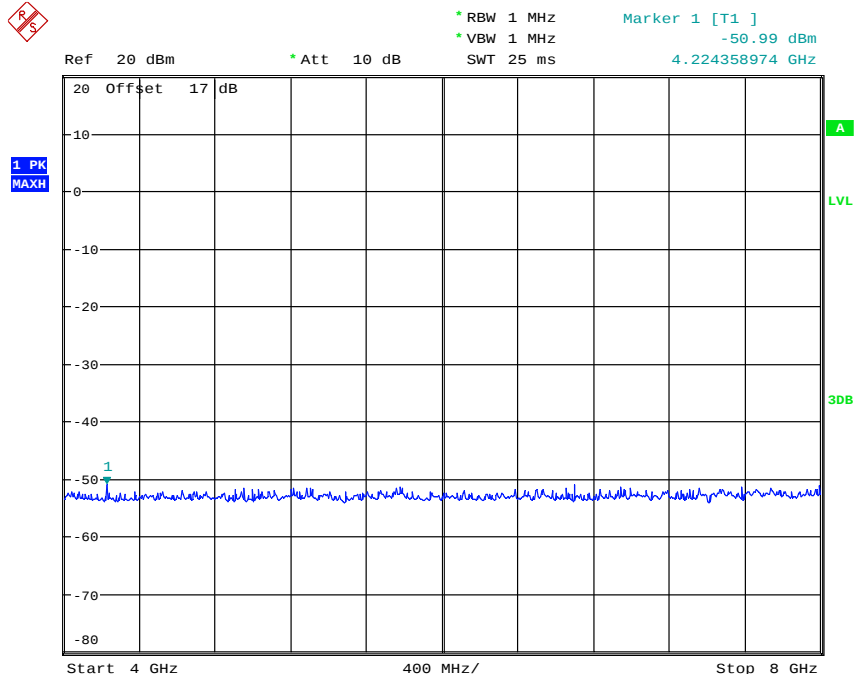
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



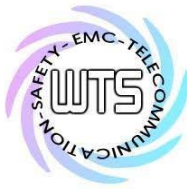
CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233

Date: 6.DEC.2014 20:25:25



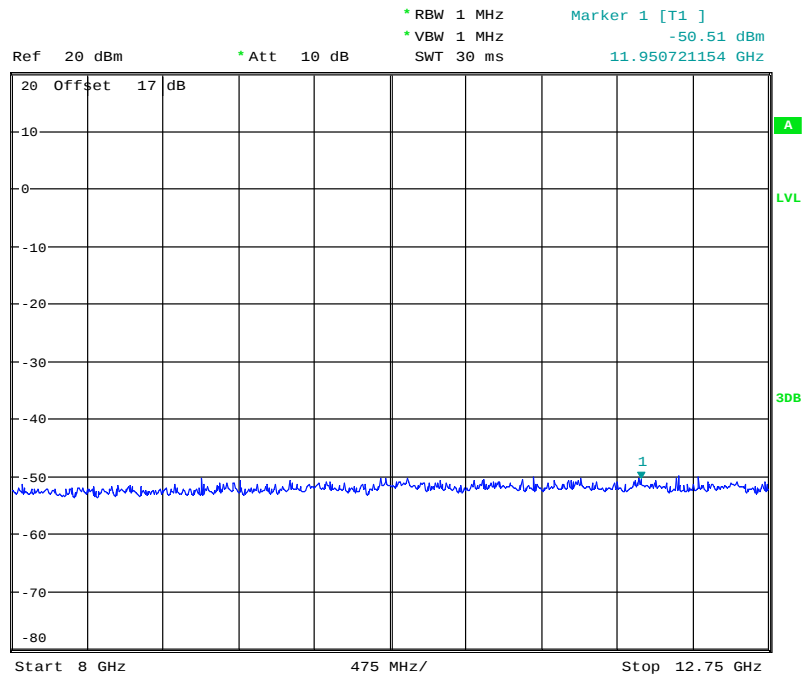
CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233

Date: 6.DEC.2014 20:26:55



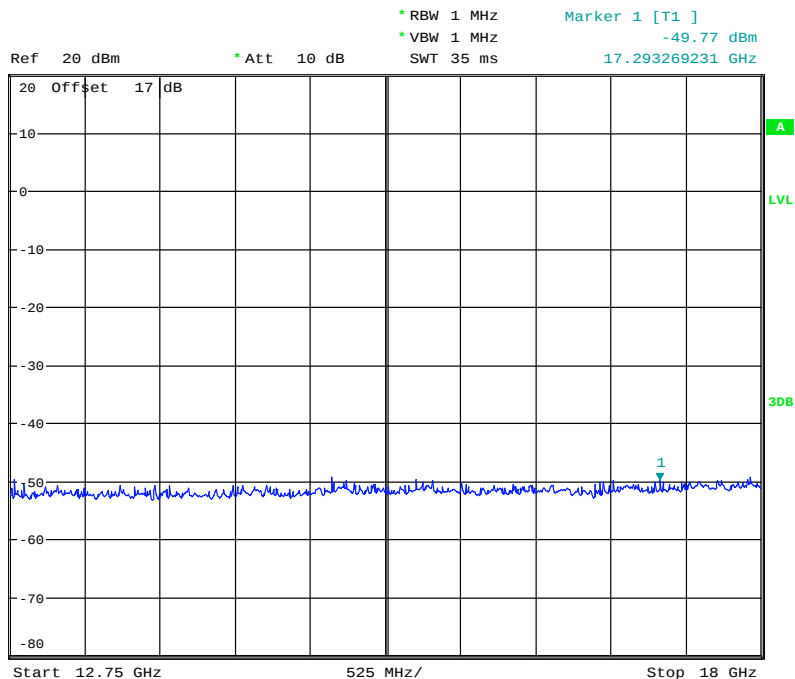
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



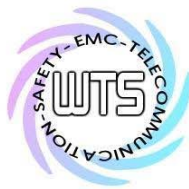
CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233

Date: 6.DEC.2014 20:27:13



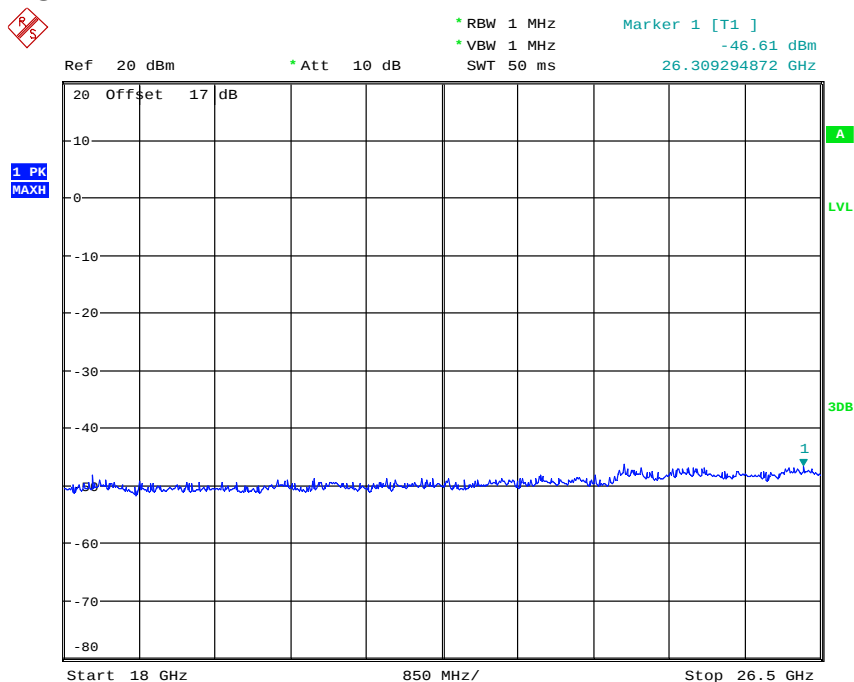
CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233

Date: 6.DEC.2014 20:28:48



Report Number: W6M21412-14663-P-2224

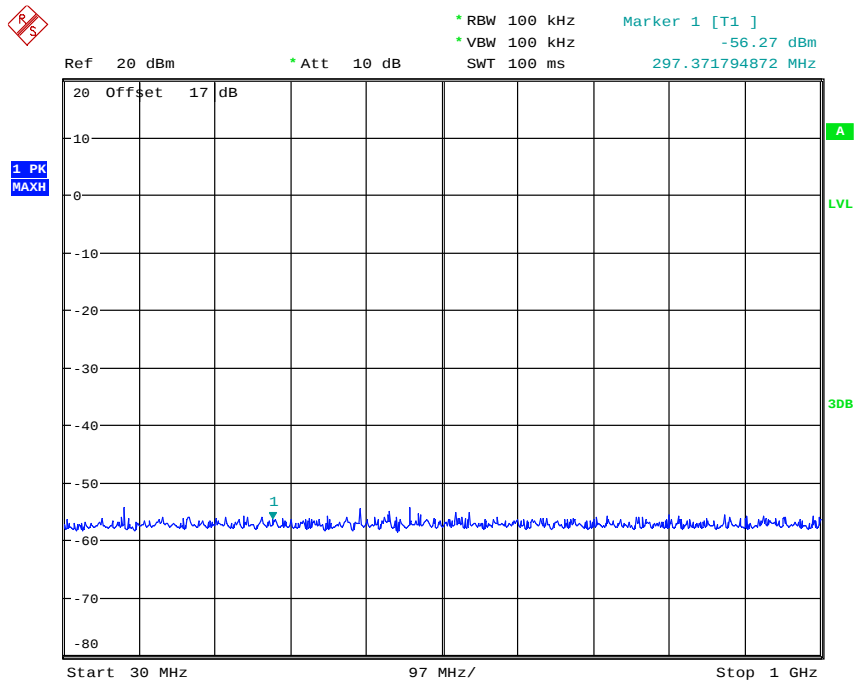
FCC ID: GX9MOBILE



CONDUCTED SPURIOUS EMISSION WCDMA BAND V CH4233

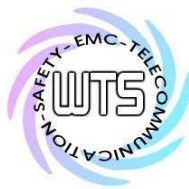
Date: 6.DEC.2014 20:29:17

Band V Idle



CONDUCTED SPURIOUS EMISSION WCDMA BAND V IDLE

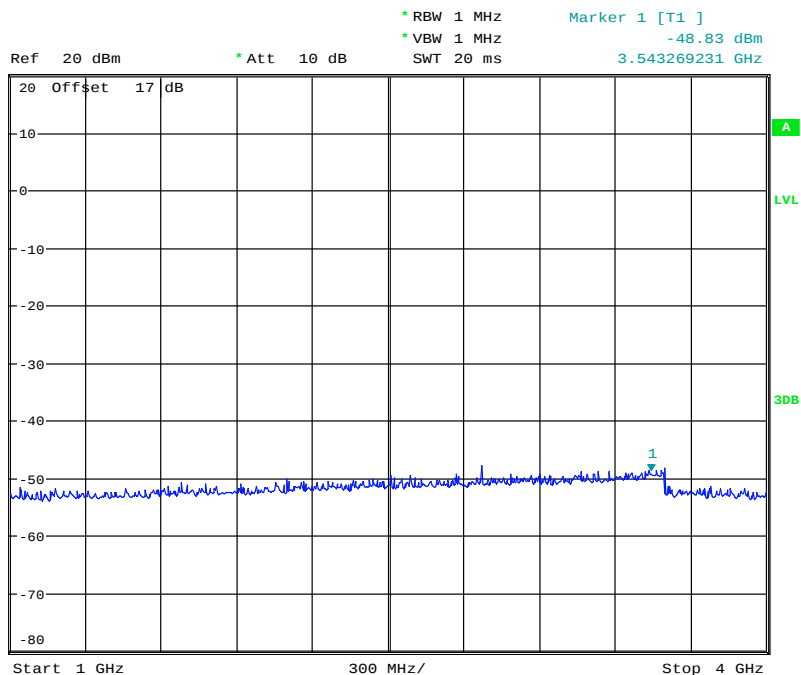
Date: 6.DEC.2014 22:07:15



Worldwide Testing Services(Taiwan) Co., Ltd.

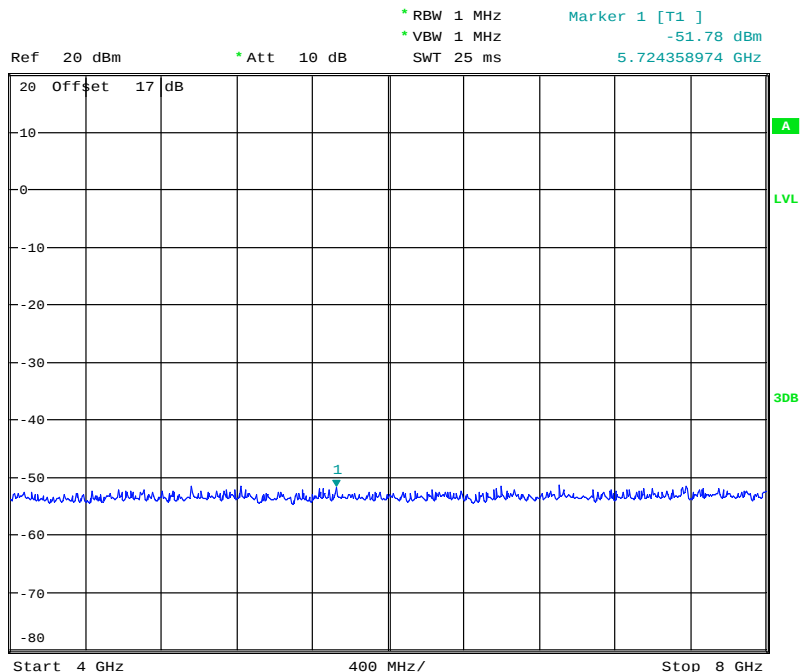
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



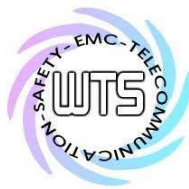
CONDUCTED SPURIOUS EMISSION WCDMA BAND V IDLE

Date: 6.DEC.2014 22:01:06



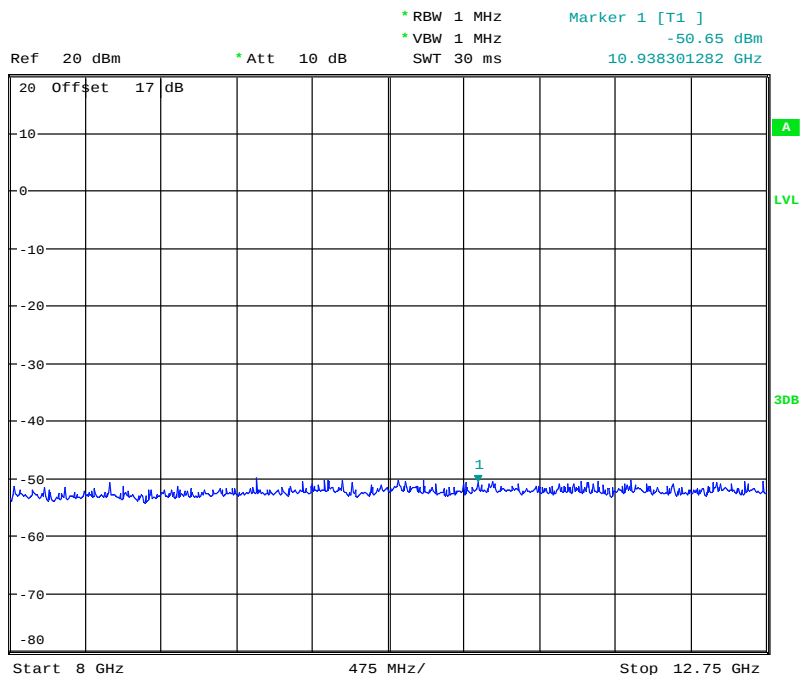
CONDUCTED SPURIOUS EMISSION WCDMA BAND V IDLE

Date: 6.DEC.2014 22:01:18



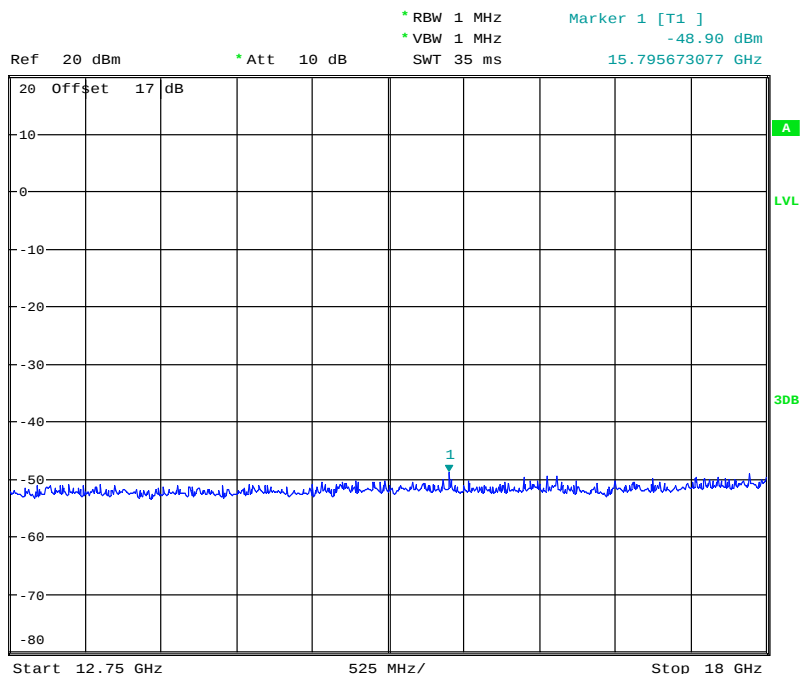
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



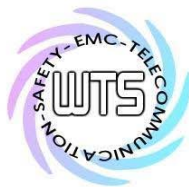
CONDUCTED SPURIOUS EMISSION WCDMA BAND V IDLE

Date: 6.DEC.2014 22:01:30



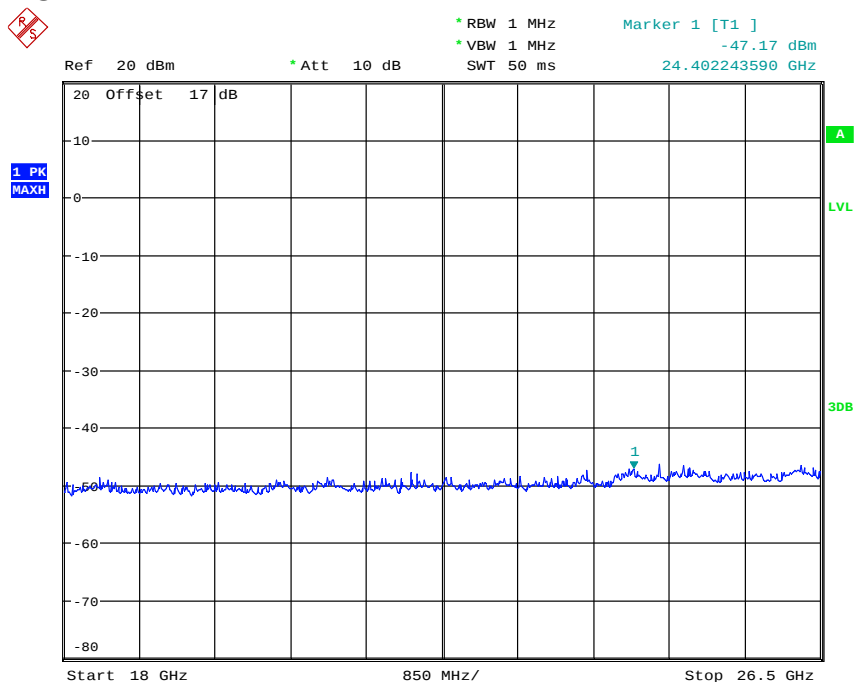
CONDUCTED SPURIOUS EMISSION WCDMA BAND V IDLE

Date: 6.DEC.2014 22:01:43



Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE



CONDUCTED SPURIOUS EMISSION WCDMA BAND V IDLE
Date: 6.DEC.2014 22:02:07

Test equipment: ETSTW-RE 055, ETSTW-GSM 002

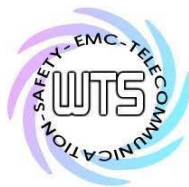
6.3 Explanation of test result

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: $L = P - A = -13 \text{ dBm}$



Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

7. Field Strength of Spurious Radiation

7.1 Test procedure

The test procedure for filed 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.

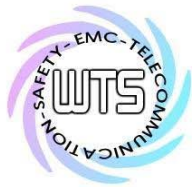
Model:		Mobile-Lite		Date: - -			
Mode: - -		Temperature: - -		°C		Engineer: - -	
Polarization: Horizontal		Humidity: - -		%			
Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
- -	- -	- -	- -	- -	- -	- -	- -
- -	- -	- -	- -	- -	- -	- -	- -
- -	- -	- -	- -	- -	- -	- -	- -
- -	- -	- -	- -	- -	- -	- -	- -
- -	- -	- -	- -	- -	- -	- -	- -
- -	- -	- -	- -	- -	- -	- -	- -
- -	- -	- -	- -	- -	- -	- -	- -

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--

Note: Please refer to appendix for plot data.

Test equipment: ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 111, ETSTW-GSM 002



Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

7.3 Explanation of test result

Result Level = Reading Level + Corrected Factor

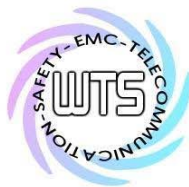
Corrected Factor = SG level – Received level-Cable loss + substitution antenna gain

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 002



Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

7.5 Test result of band edge emissions

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#2

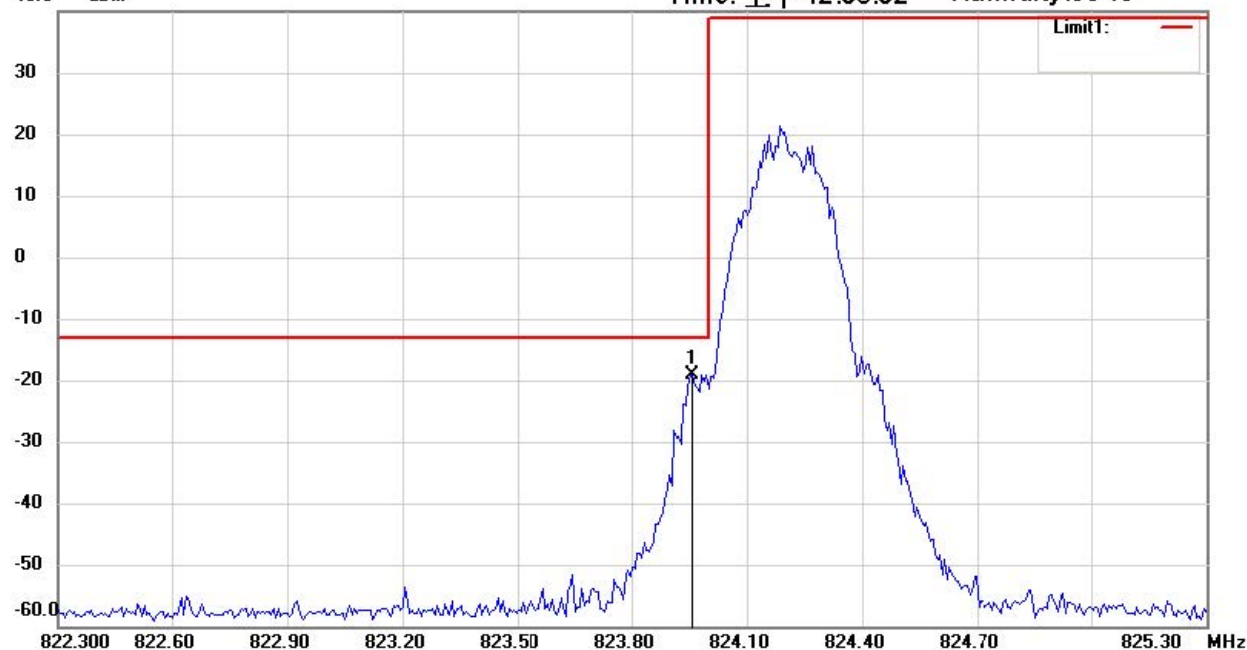
Date: 2014/12/5

Temperature:24 ℃

40.0 dBm

Time: 上午 12:38:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

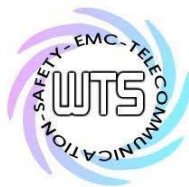
Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	823.9593	-52.90	peak	33.89	-19.01	-13.00	150	60	-6.01	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#1

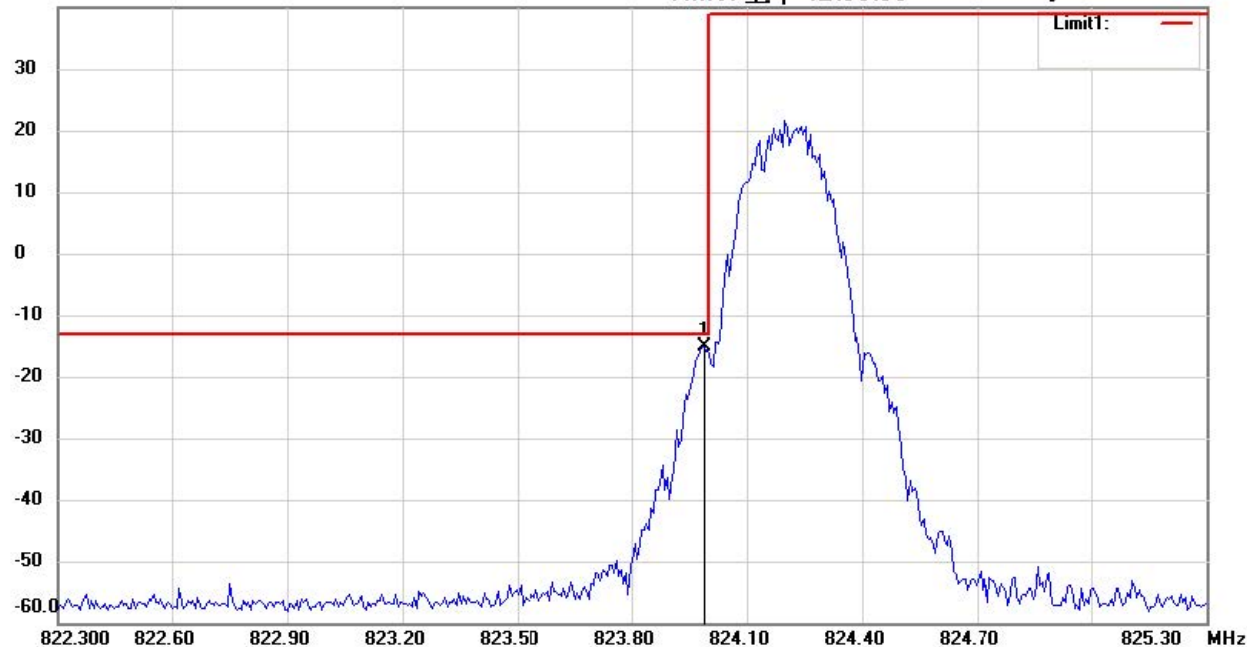
Date: 2014/12/5

Temperature:24 ℃

40.0 dBm

Time: 上午 12:36:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

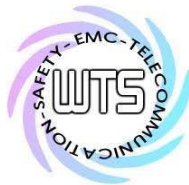
Note :

Polarization: *Vertical*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	823.9894	-49.75	peak	34.75	-15.00	-13.00	150	30	-2.00	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

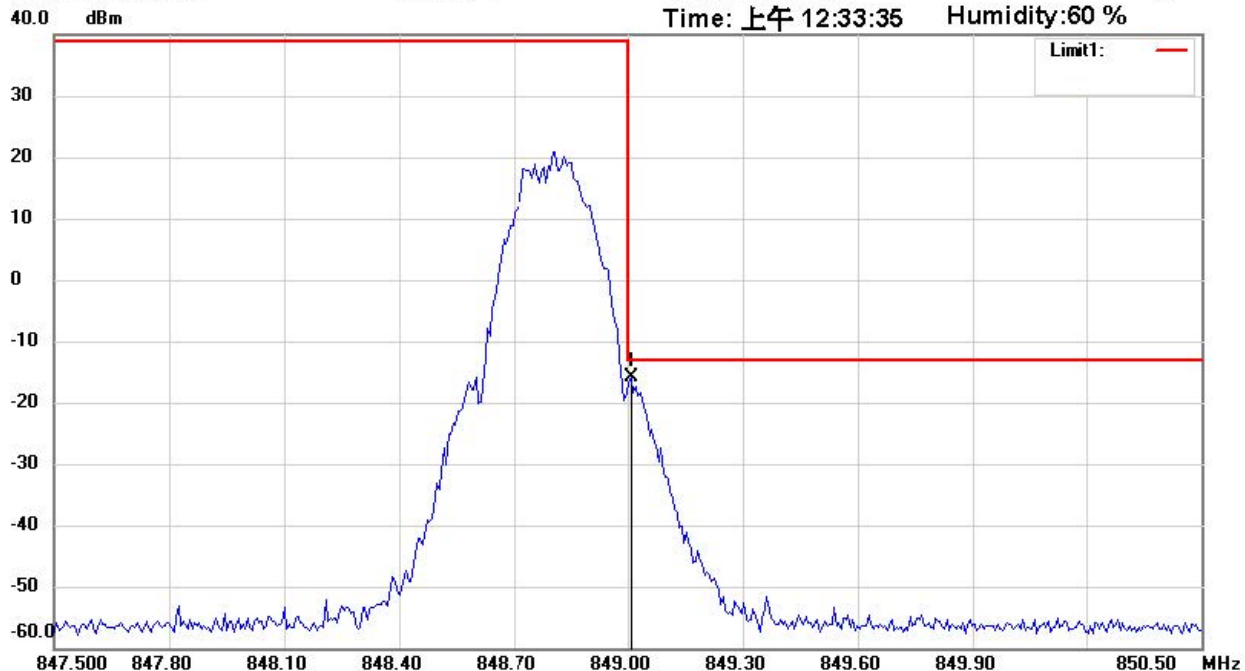
Data :#1

Date: 2014/12/5

Temperature:24 ℃

Time: 上午 12:33:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

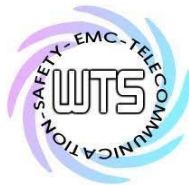
Note :

Polarization: *Horizontal*

Power : 3.7V.d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	849.0090	-50.88	peak	34.94	-15.94	-13.00	150	30	-2.94	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#2

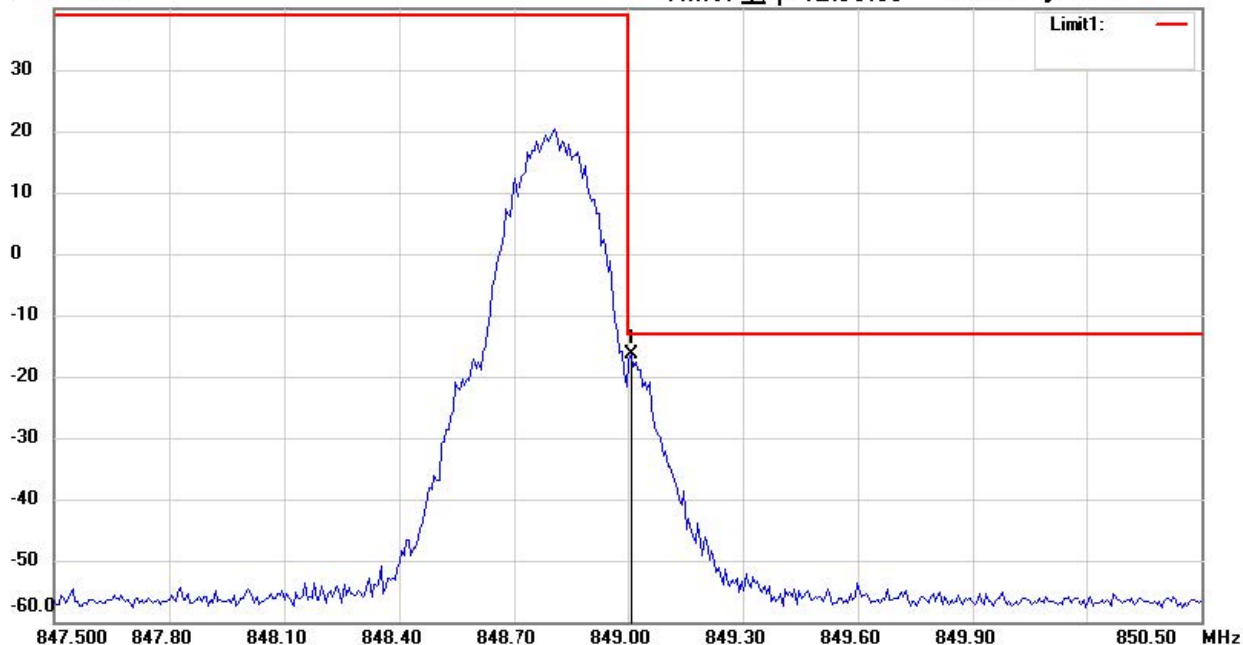
Date: 2014/12/5

Temperature:24 ℃

40.0 dBm

Time: 上午 12:35:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

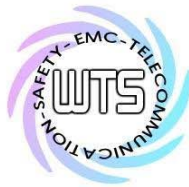
Note :

Polarization: *Vertical*

Power : 3.7V.d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	849.0090	-51.38	peak	34.91	-16.47	-13.00	150	130	-3.47	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#2

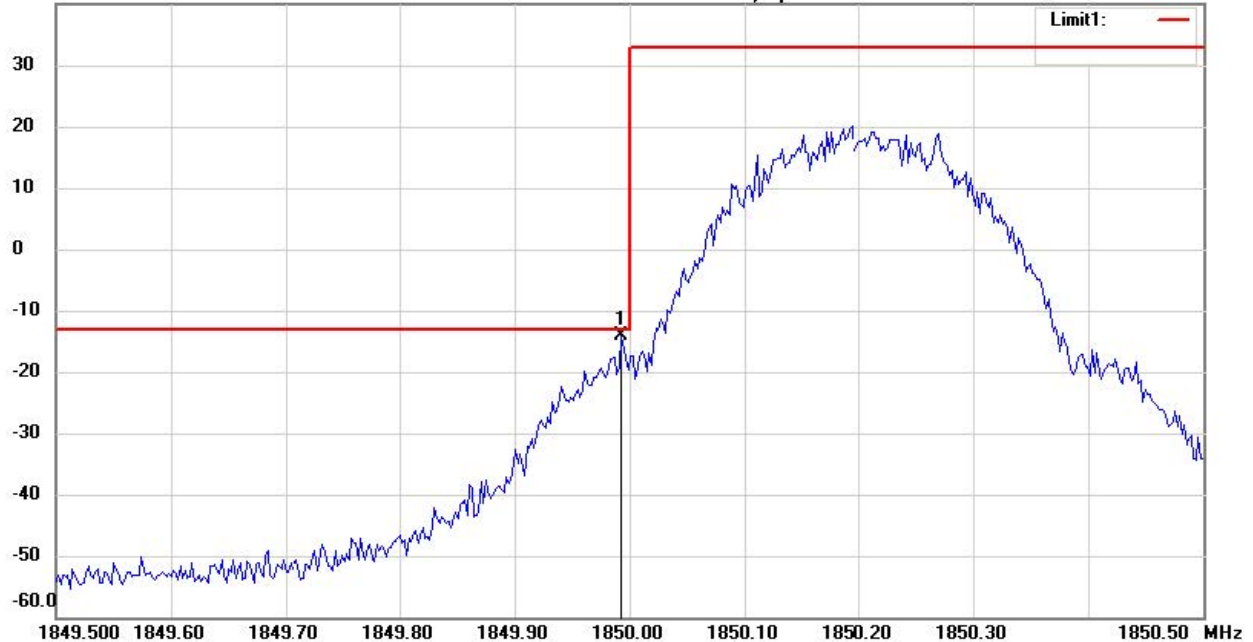
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:24:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

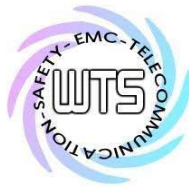
Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1849.993	-58.10	peak	43.90	-14.20	-13.00	150	20	-1.20	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#1

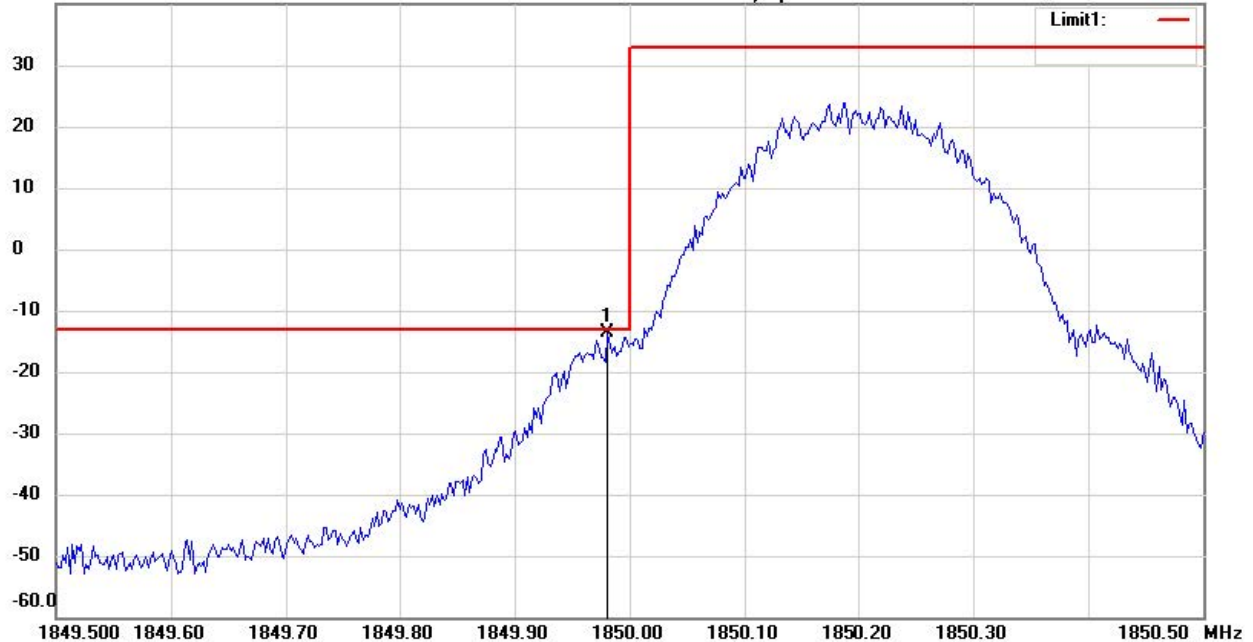
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:22:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

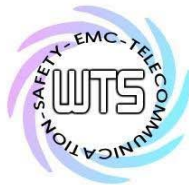
Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1849.981	-57.48	peak	43.86	-13.62	-13.00	150	230	-0.62	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#1

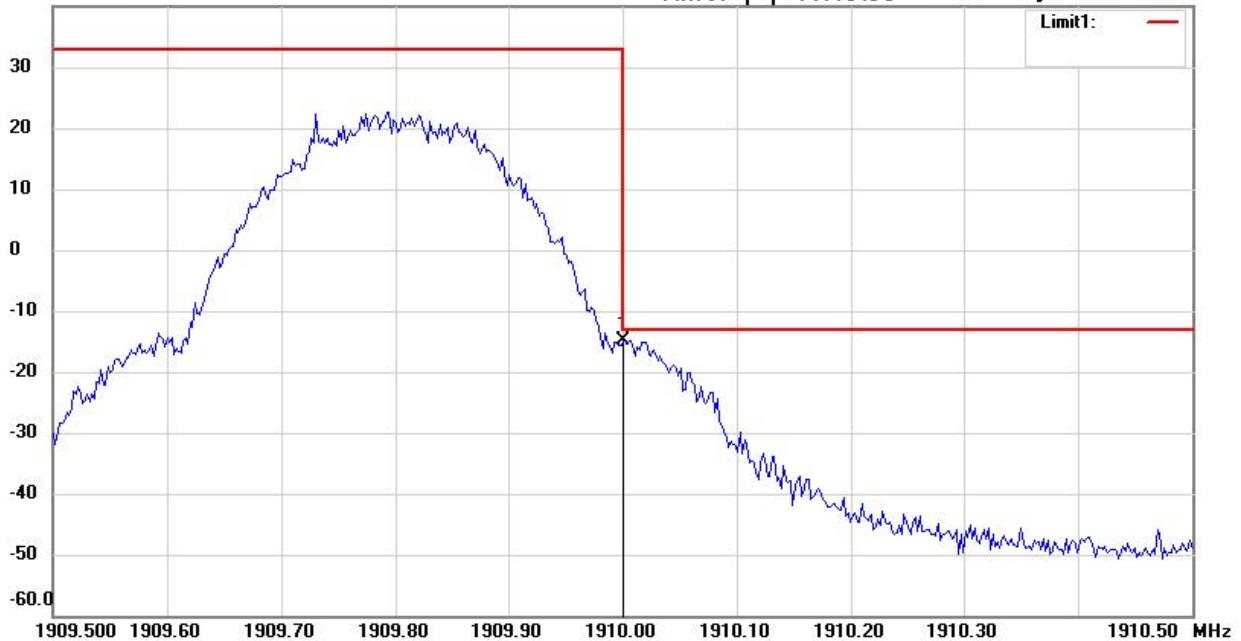
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:18:00

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

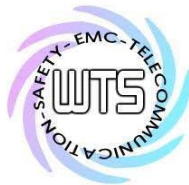
Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1910.001	-58.84	peak	44.07	-14.77	-13.00	150	120	-1.77	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#2

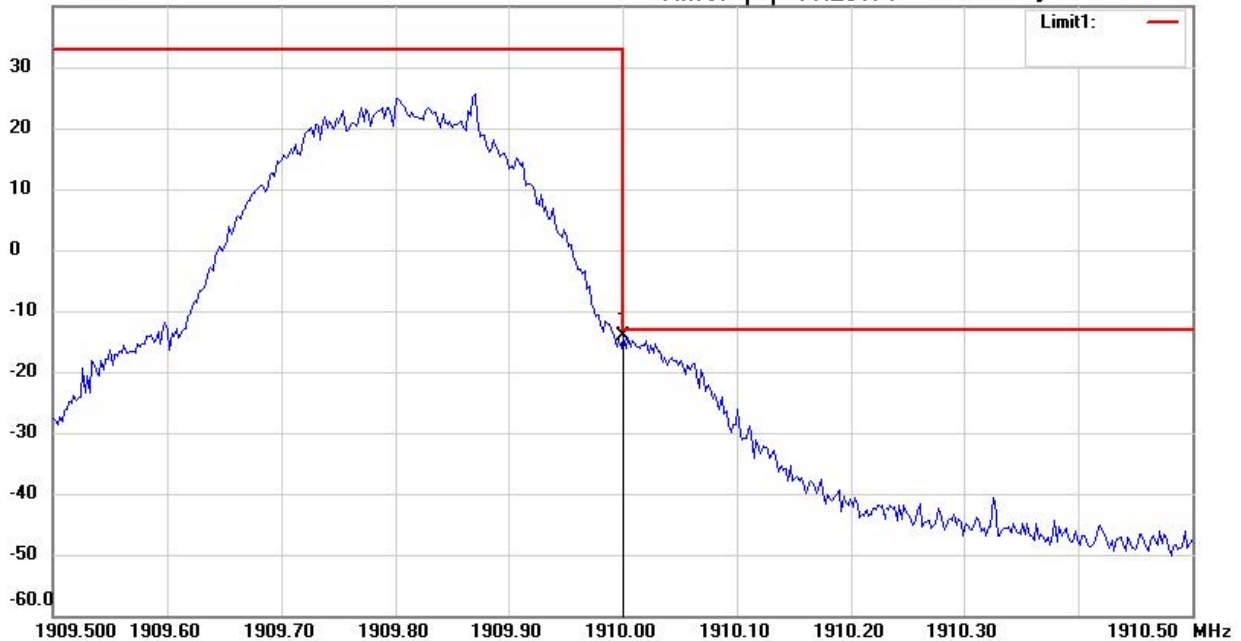
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:20:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

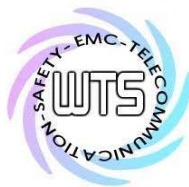
Note :

Polarization: *Vertical*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1910.001	-57.99	peak	43.82	-14.17	-13.00	150	230	-1.17	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#1

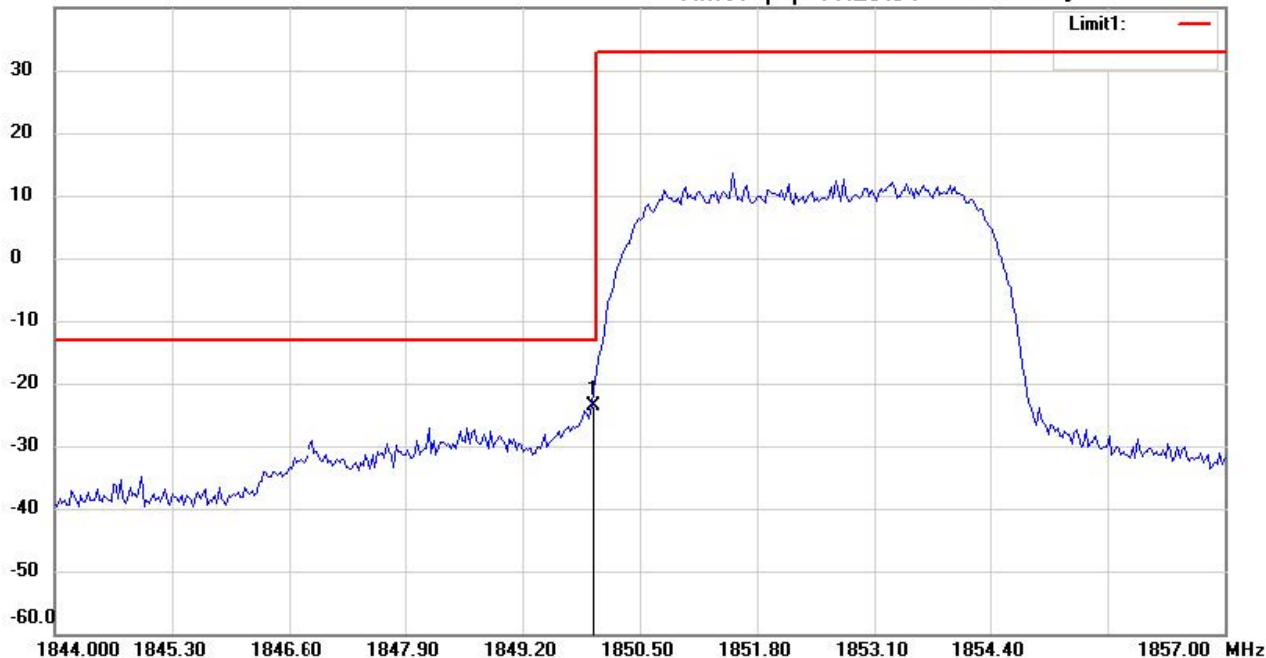
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:28:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

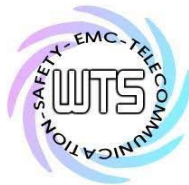
Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1849.966	-67.47	peak	43.90	-23.57	-13.00	150	130	-10.57	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#2

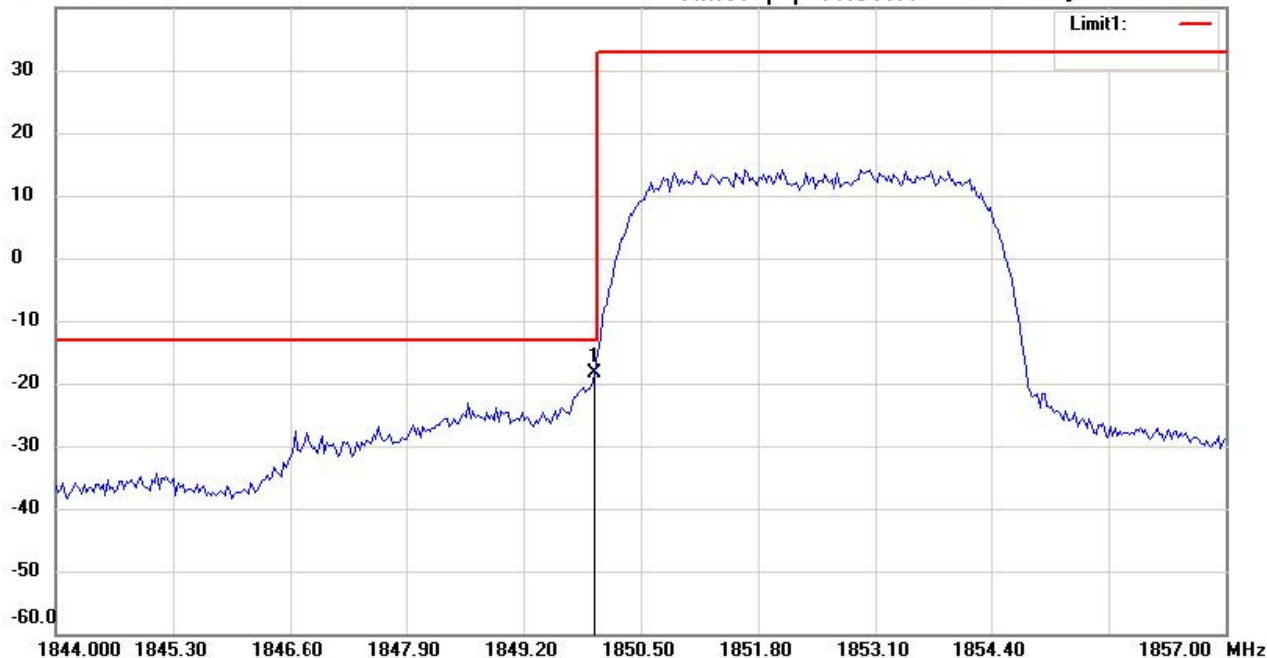
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:31:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

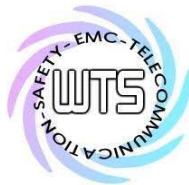
Note :

Polarization: *Vertical*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1849.992	-62.31	peak	43.86	-18.45	-13.00	150	200	-5.45	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#2

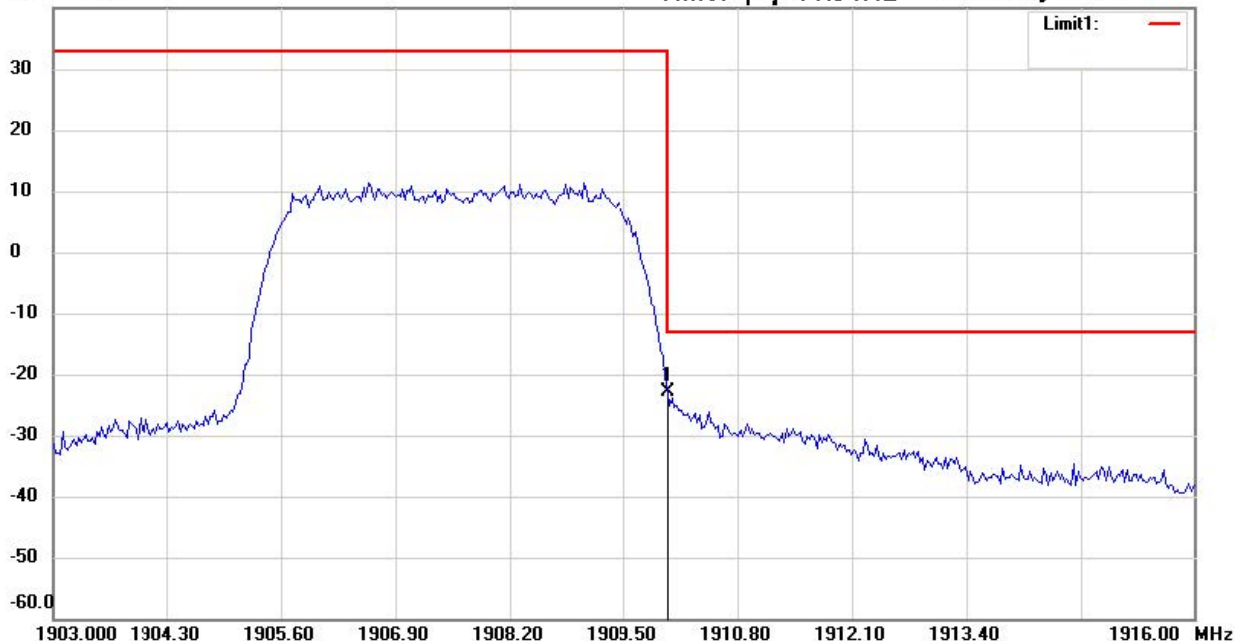
Date: 2014/12/4

Temperature:24 ℃

40.0 dBm

Time: 下午 11:34:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

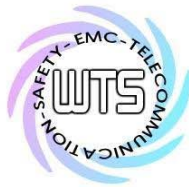
Note :

Polarization: *Horizontal*

Power : 3.7V.d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1910.008	-67.06	peak	44.07	-22.99	-13.00	150	160	-9.99	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#1

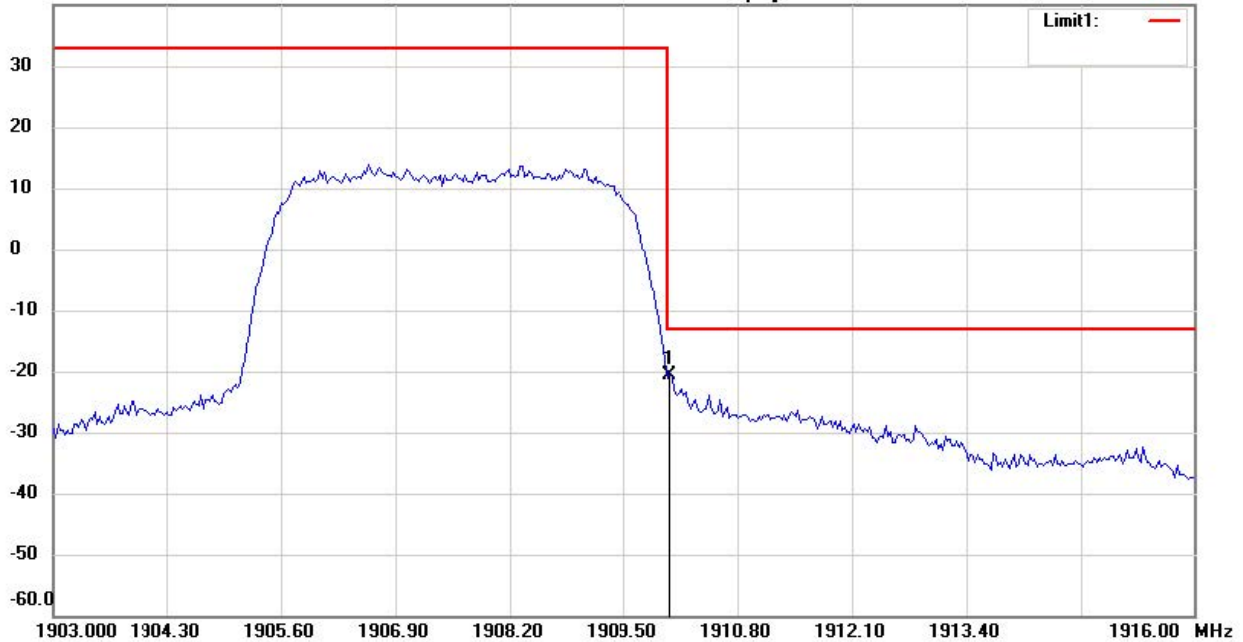
Date: 2014/12/4

Temperature:24 ℃

40.0 dBm

Time: 下午 11:33:01

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

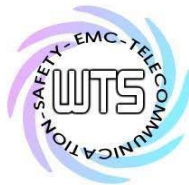
Note :

Polarization: *Vertical*

Power : 3.7V.d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1910.034	-64.41	peak	43.82	-20.59	-13.00	150	130	-7.59	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

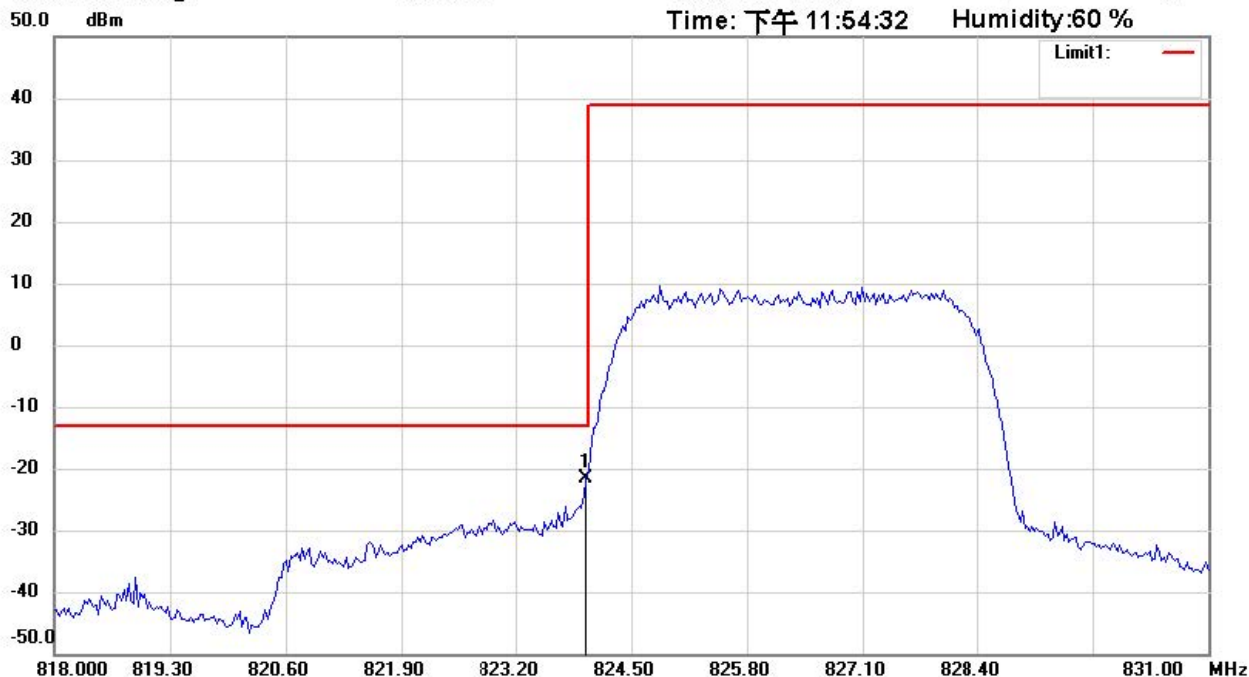
Data :#1

Date: 2014/12/4

Temperature:24 °C

Time: 下午 11:54:32

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

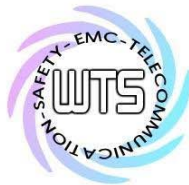
Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	823.9920	-55.39	peak	33.89	-21.50	-13.00	150	200	-8.50	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#2

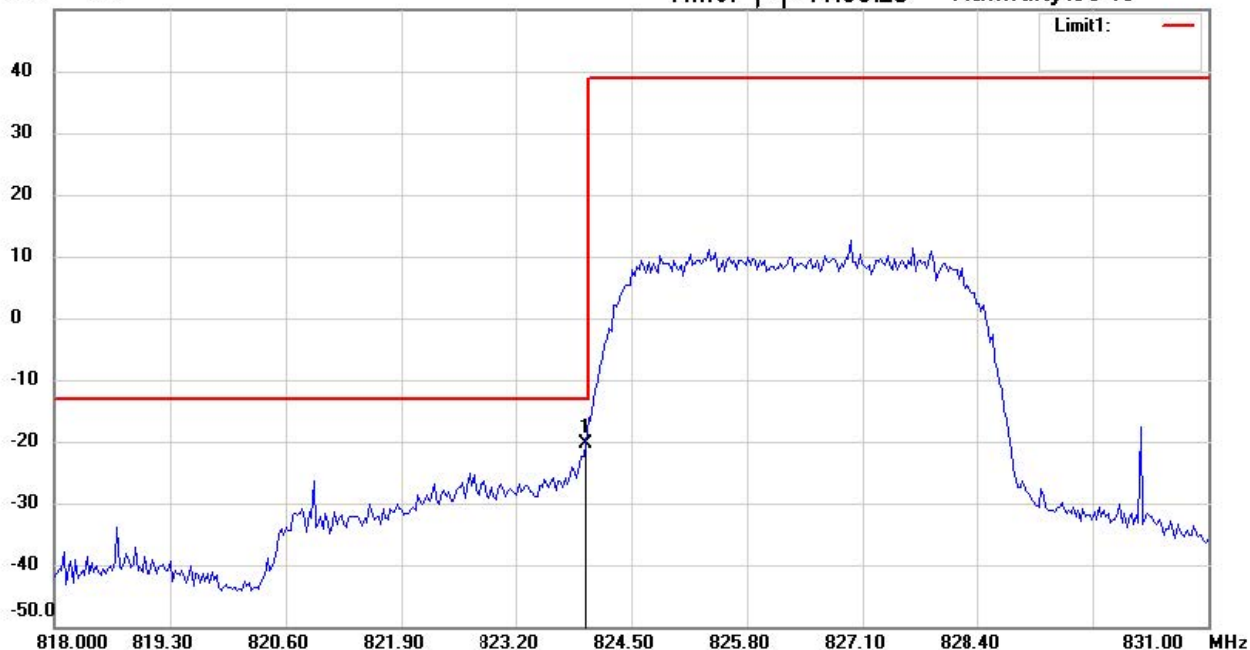
Date: 2014/12/4

Temperature:24 °C

50.0 dBm

Time: 下午 11:56:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

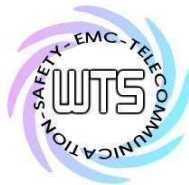
Note :

Polarization: *Vertical*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	823.9920	-55.09	peak	34.75	-20.34	-13.00	150	70	-7.34	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#2

Date: 2014/12/4

Temperature:24 °C

50.0 dBm

Time: 下午 11:59:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

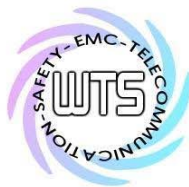
Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	849.0601	-58.11	peak	34.94	-23.17	-13.00	150	70	-10.17	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Radiated Emission Measurement

Operator: Robert

File :Bandedge

Data :#1

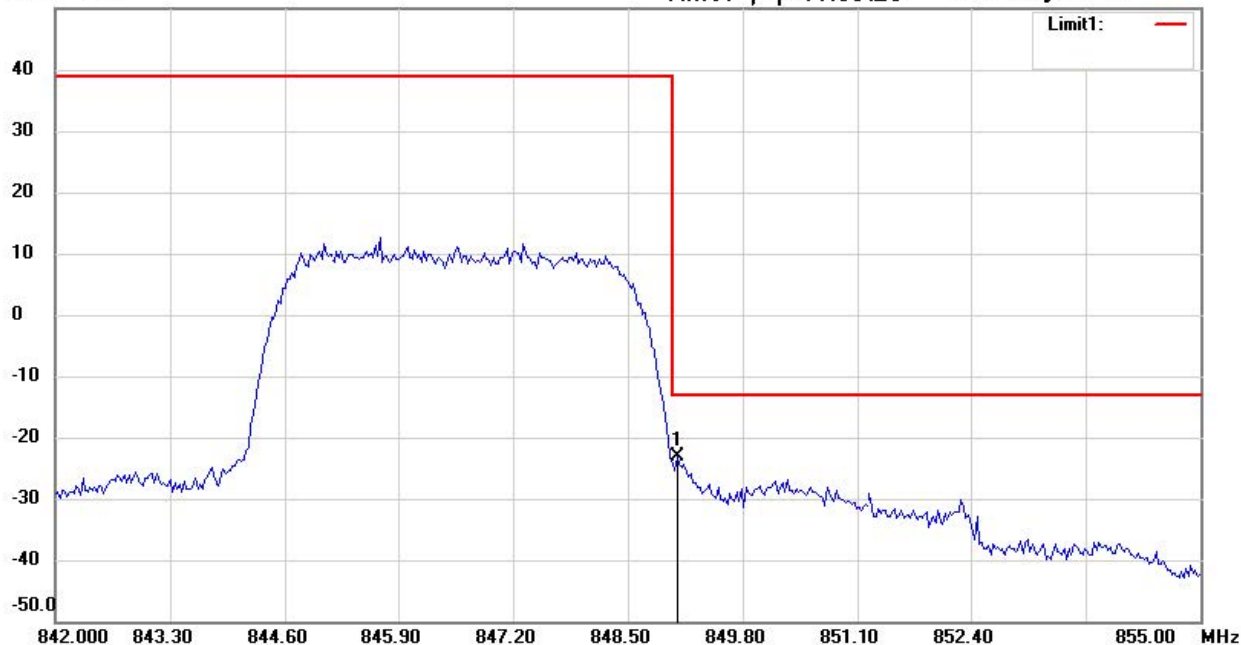
Date: 2014/12/4

Temperature:24 °C

50.0 dBm

Time: 下午 11:58:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: *Vertical*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	849.0601	-58.11	peak	34.91	-23.20	-13.00	150	60	-10.20	

Test equipment: ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 111, ETSTW-GSM 002

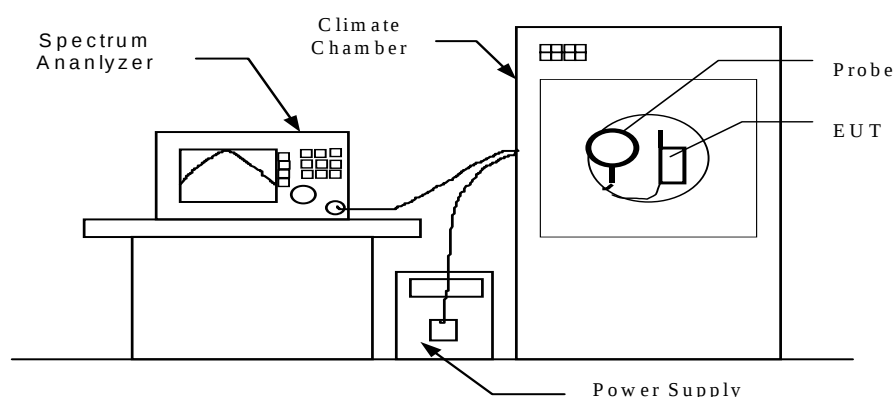
Report Number: W6M21412-14663-P-2224

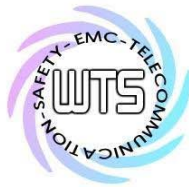
FCC ID: GX9MOBILE

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.





Report Number: W6M21412-14663-P-2224

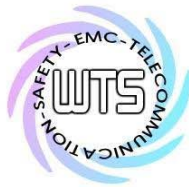
FCC ID: GX9MOBILE

8.2 Test Results

8.2.1 Frequency Stability vs. Temperature

GSM 850 & PCS 1900

CH128	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH512	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
3.7VDC	-30	-32.000	-0.039	±2.5	3.7VDC	-30	-26.000	-0.014	±2.5
	-20	-20.000	-0.024			-20	-38.000	-0.021	
	-10	-41.000	-0.050			-10	-41.000	-0.022	
	0	-23.000	-0.028			0	-23.000	-0.012	
	10	-29.000	-0.035			10	-38.000	-0.021	
	20	-30.000	-0.036			20	-23.000	-0.012	
	30	-41.000	-0.050			30	-34.000	-0.018	
	40	29.000	0.035			40	-36.000	-0.019	
	50	32.000	0.039			50	-34.000	-0.018	
3.7VDC	25	28.000	0.034		3.7VDC	25	-31.000	-0.017	
3.33VDC	25	27.000	0.033		3.33VDC	25	-29.000	-0.016	
CH188	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH661	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
3.7VDC	-30	22.000	0.026	±2.5	3.7VDC	-30	-34.000	-0.018	±2.5
	-20	-34.000	-0.041			-20	-36.000	-0.019	
	-10	-28.000	-0.033			-10	-49.000	-0.026	
	0	-30.000	-0.036			0	-52.000	-0.028	
	10	-26.000	-0.031			10	-42.000	-0.022	
	20	-41.000	-0.049			20	-34.000	-0.018	
	30	-36.000	-0.043			30	-29.000	-0.015	
	40	-28.000	-0.033			40	-31.000	-0.016	
	50	-41.000	-0.049			50	-36.000	-0.019	
3.7VDC	25	-30.000	-0.036		3.7VDC	25	-32.000	-0.017	
3.33VDC	25	-36.000	-0.043		3.33VDC	25	-41.000	-0.022	
CH251	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH810	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
3.7VDC	-30	34.000	0.040	±2.5	3.7VDC	-30	-29.000	-0.015	±2.5
	-20	-35.000	-0.041			-20	-36.000	-0.019	
	-10	-43.000	-0.051			-10	-41.000	-0.021	
	0	-23.000	-0.027			0	-50.000	-0.026	
	10	-32.000	-0.038			10	-39.000	-0.020	
	20	-28.000	-0.033			20	-47.000	-0.025	
	30	-41.000	-0.048			30	36.000	0.019	
	40	-18.000	-0.021			40	31.000	0.016	
	50	-23.000	-0.027			50	-42.000	-0.022	
3.7VDC	25	-34.000	-0.040		3.7VDC	25	-36.000	-0.019	
3.33VDC	25	-31.000	-0.037		3.33VDC	25	-35.000	-0.018	



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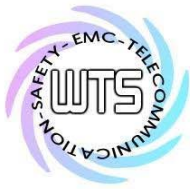
Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Band II & Band V

CH9262	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH4132	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
3.7VDC	-30	-45.000	-0.024	±2.5	3.7VDC	-30	-32.000	-0.039	±2.5
	-20	-42.000	-0.023			-20	34.000	0.041	
	-10	-44.000	-0.024			-10	31.000	0.038	
	0	-26.000	-0.014			0	30.000	0.036	
	10	-42.000	-0.023			10	-25.000	-0.030	
	20	-32.000	-0.017			20	-29.000	-0.035	
	30	42.000	0.023			30	-39.000	-0.047	
	40	39.000	0.021			40	-40.000	-0.048	
	50	61.000	0.033			50	-20.000	-0.024	
3.7VDC	25	31.000	0.017		3.7VDC	25	-50.000	-0.061	
3.33VDC	25	42.000	0.023		3.33VDC	25	-30.000	-0.036	
CH9400	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH4183	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
3.7VDC	-30	37.000	0.020	±2.5	3.7VDC	-30	-30.000	-0.036	±2.5
	-20	29.000	0.015			-20	-34.000	-0.041	
	-10	36.000	0.019			-10	-35.000	-0.042	
	0	31.000	0.016			0	-43.000	-0.051	
	10	46.000	0.024			10	-20.000	-0.024	
	20	50.000	0.027			20	-20.000	-0.024	
	30	52.000	0.028			30	30.000	0.036	
	40	43.000	0.023			40	-40.000	-0.048	
	50	40.000	0.021			50	-30.000	-0.036	
3.7VDC	25	36.000	0.019		3.7VDC	25	-26.000	-0.031	
3.33VDC	25	41.000	0.022		3.33VDC	25	-34.000	-0.041	
CH9538	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH4233	Temp	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
3.7VDC	-30	-39.000	-0.020	±2.5	3.7VDC	-30	60.000	0.071	±2.5
	-20	-41.000	-0.021			-20	-52.000	-0.061	
	-10	-39.000	-0.020			-10	-43.000	-0.051	
	0	-41.000	-0.021			0	-30.000	-0.035	
	10	-38.000	-0.020			10	-29.000	-0.034	
	20	-31.000	-0.016			20	-29.000	-0.034	
	30	-31.000	-0.016			30	-20.000	-0.024	
	40	-42.000	-0.022			40	-30.000	-0.035	
	50	-46.000	-0.024			50	-41.000	-0.048	
3.7VDC	25	-51.000	-0.027		3.7VDC	25	-31.000	-0.037	
3.33VDC	25	-62.000	-0.033		3.33VDC	25	-11.000	-0.013	

Test equipment: ETSTW-CE 009, ETSTW-RE 055, ETSTW-GSM 002



Report Number: W6M21412-14663-P-2224

FCC ID: GX9MOBILE

Appendix

Measurement diagrams

1. RF Power Output
2. Filed Strength of Spurious Emission



Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#2

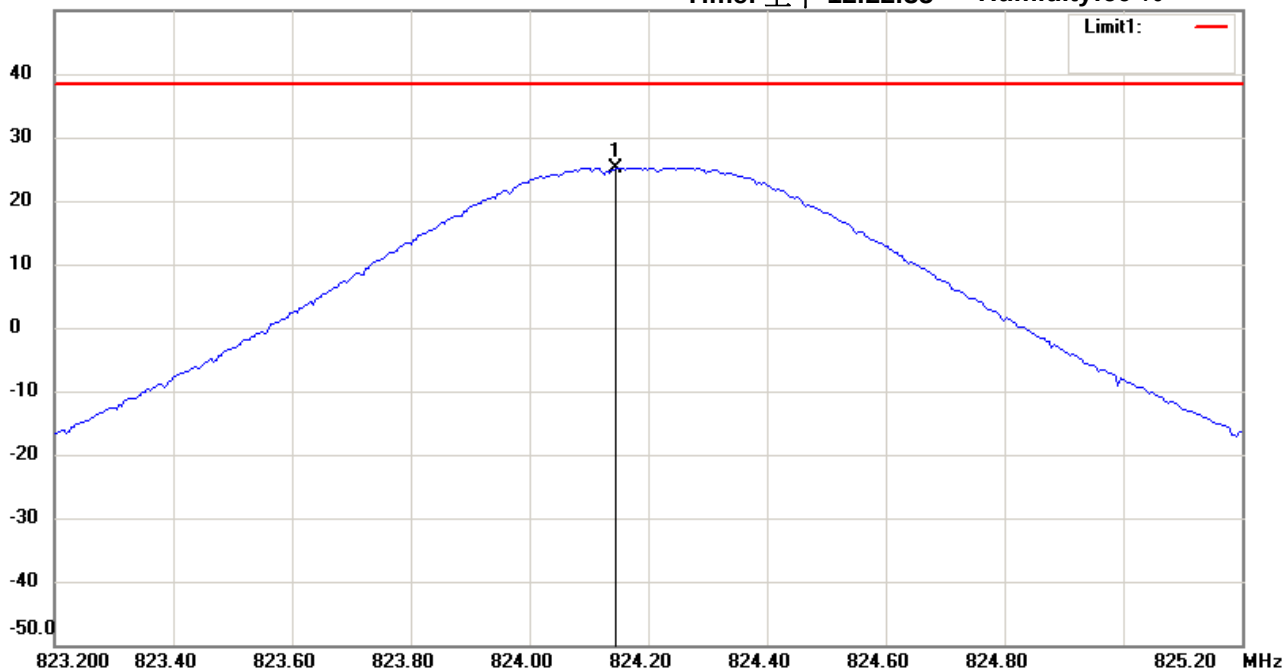
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:22:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	824.1458	-8.69	peak	33.90	25.21	38.45	150	160	-13.24	



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

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#1

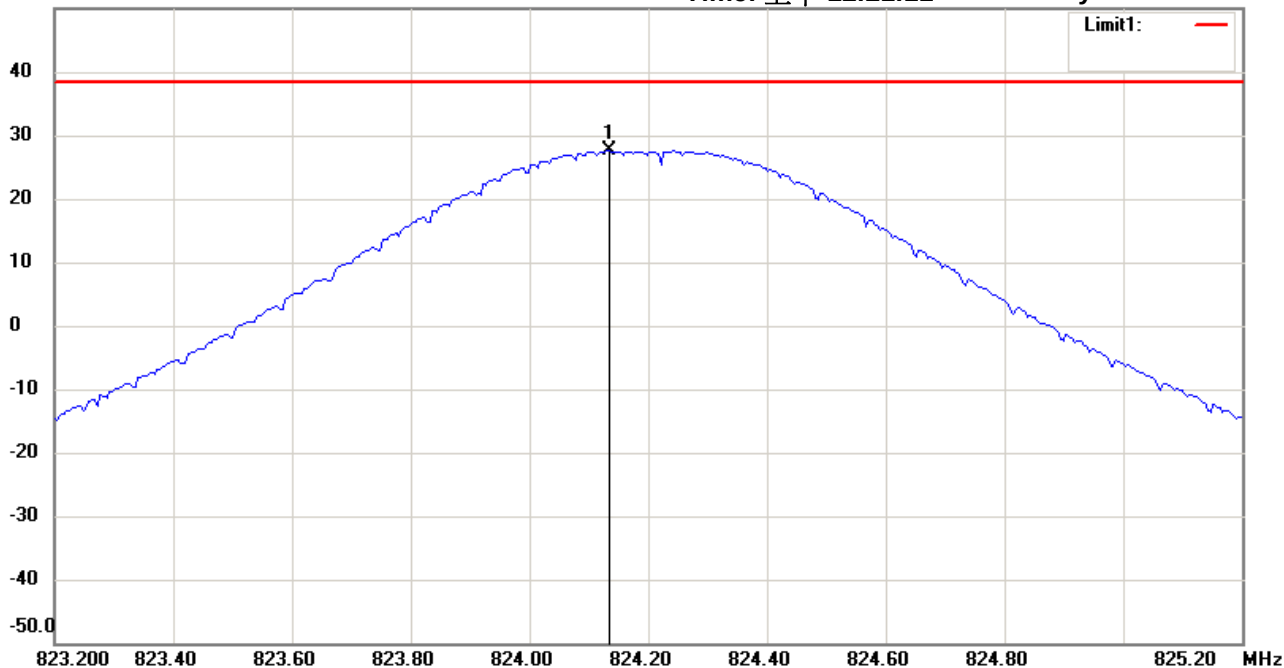
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:21:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	824.1300	-7.21	peak	34.75	27.54	38.45	150	40	-10.91	

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



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

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#1

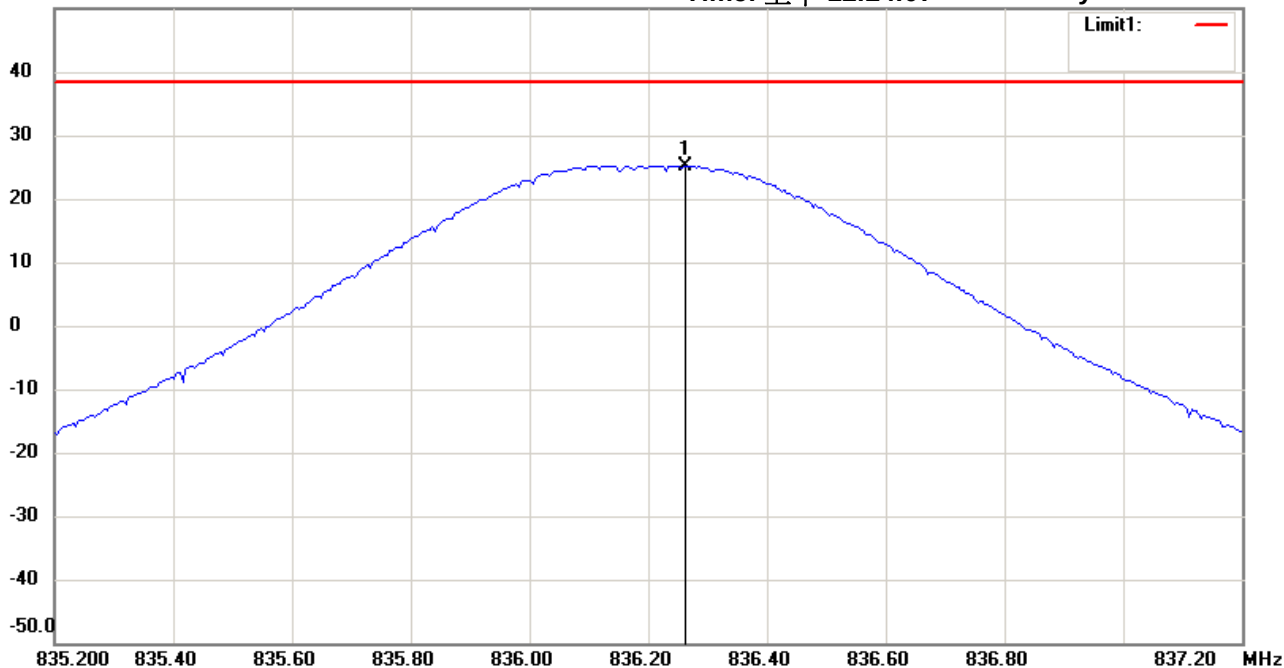
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:24:07

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	836.2621	-9.22	peak	34.41	25.19	38.45	150	40	-13.26	

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



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

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#2

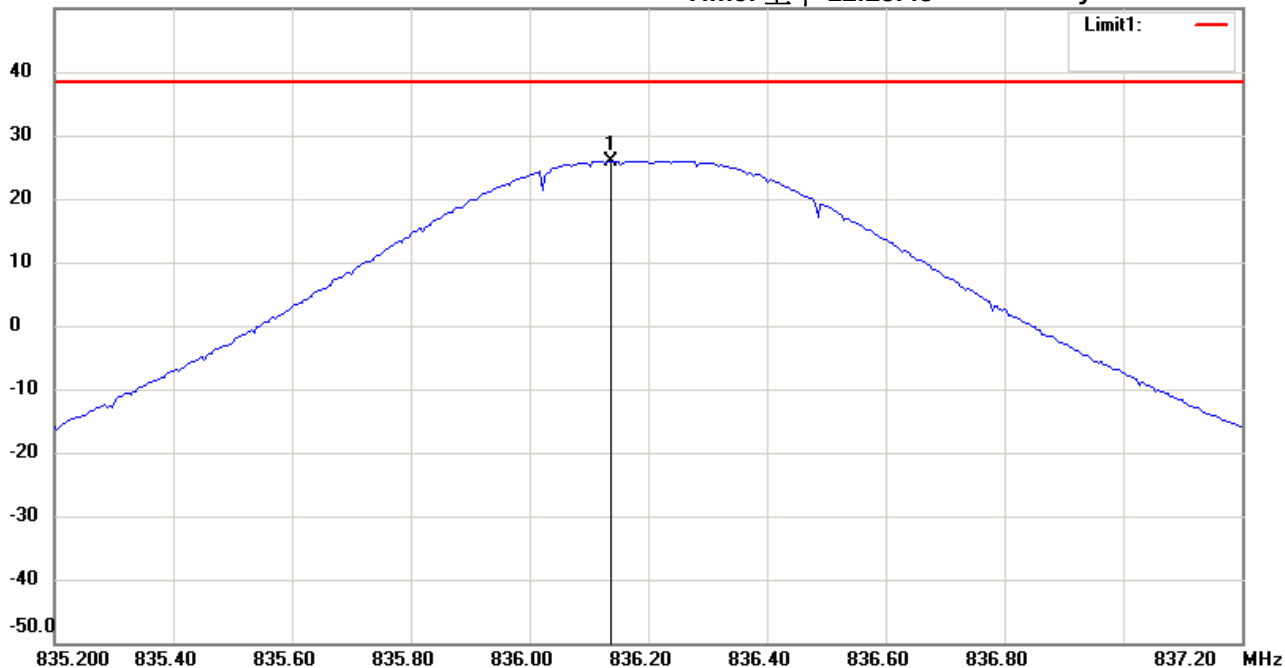
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:25:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	836.1340	-8.91	peak	34.83	25.92	38.45	150	40	-12.53	

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



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

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#2

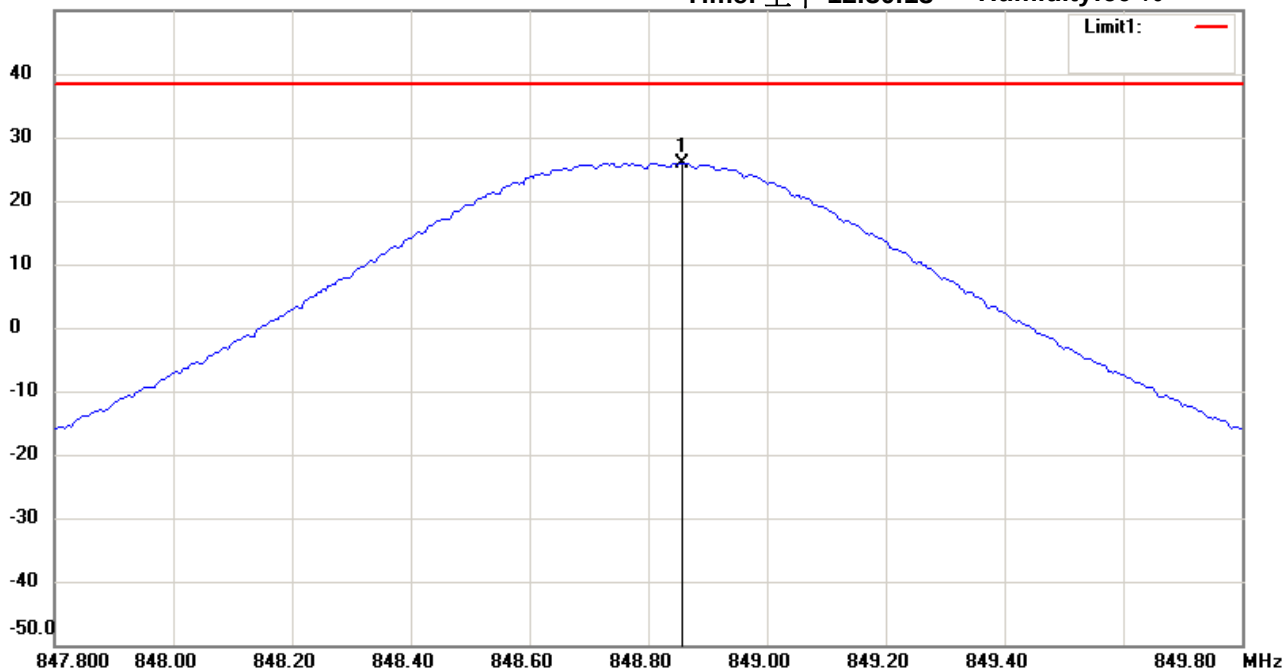
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:30:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	848.8581	-9.08	peak	34.93	25.85	38.45	150	160	-12.60	

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



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

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#1

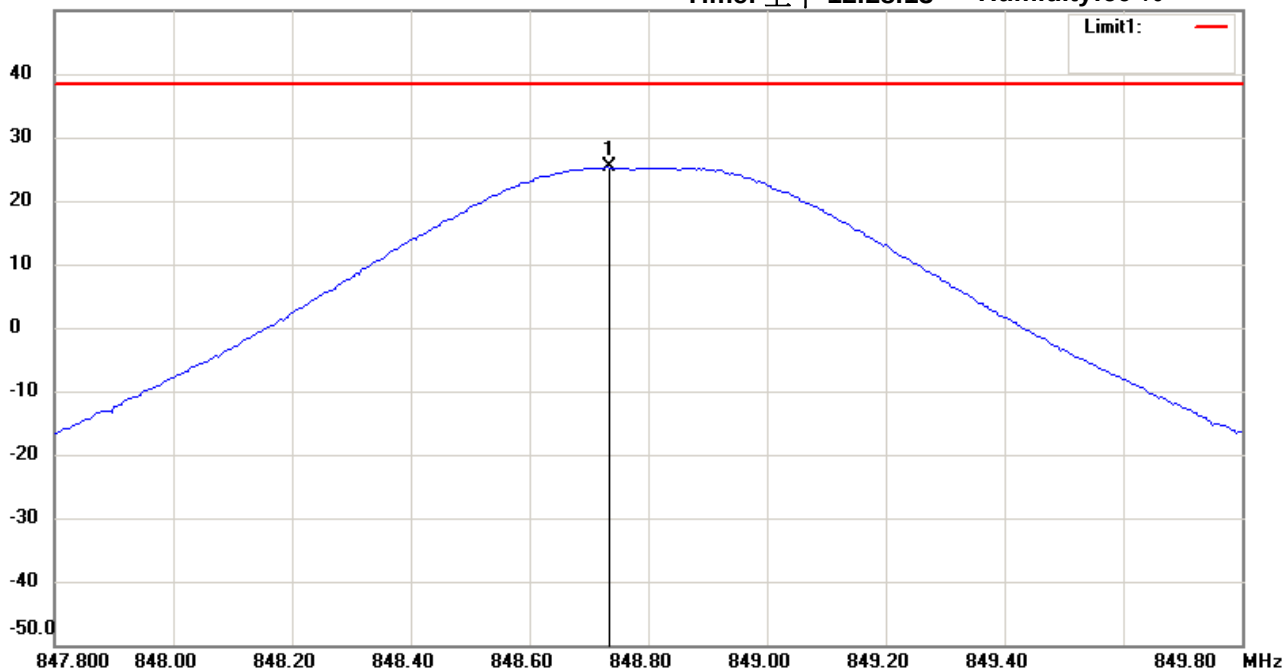
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:28:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	848.7300	-9.62	peak	34.91	25.29	38.45	150	40	-13.16	

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



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

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#2

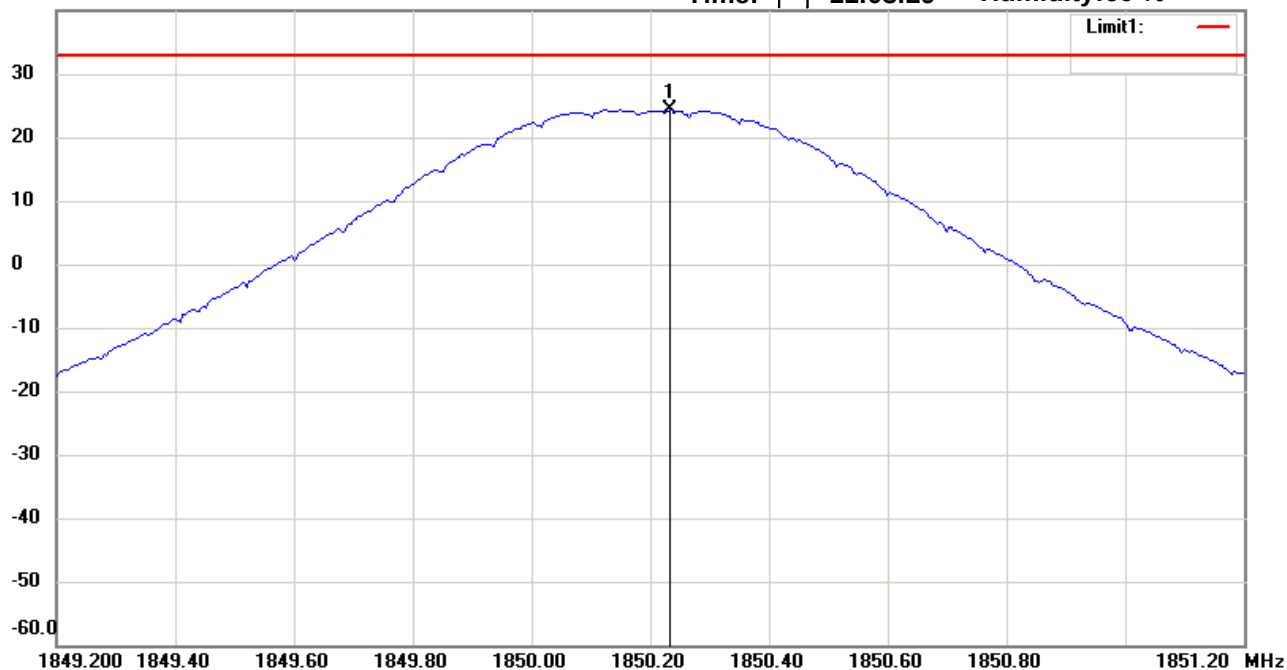
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:03:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: **Horizontal**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1850.234	-19.62	peak	43.89	24.27	33.00	150	40	-8.73	

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



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

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#1

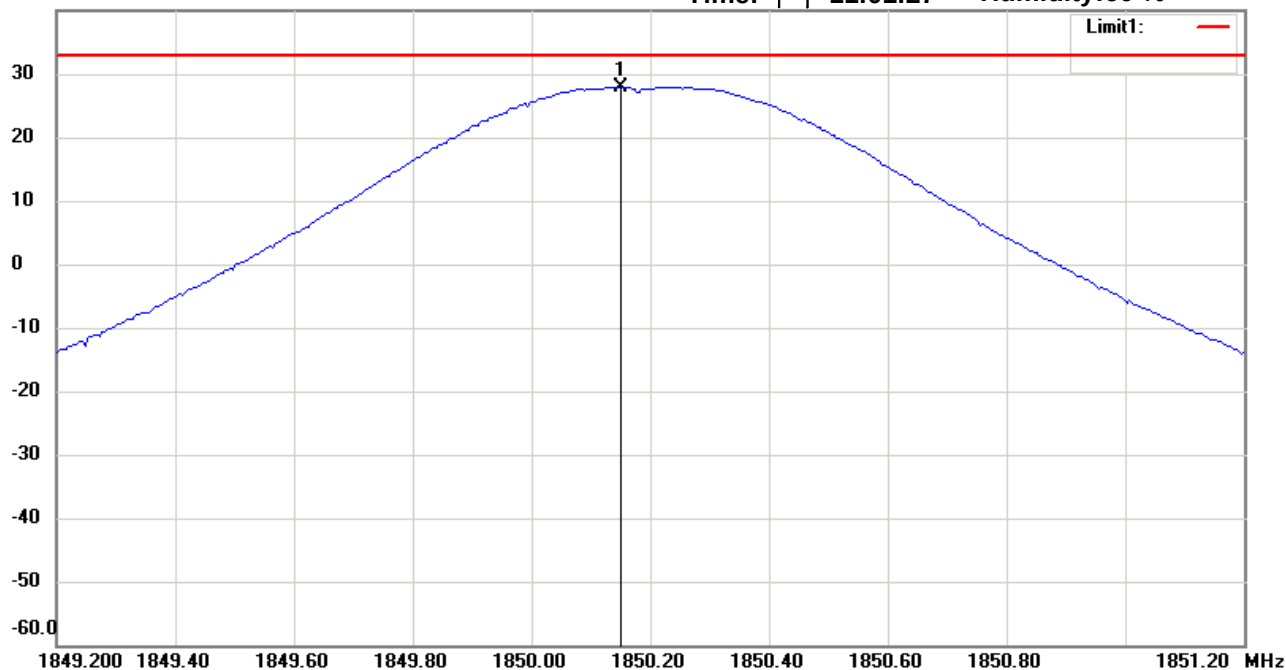
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:01:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1850.146	-16.01	peak	43.85	27.84	33.00	150	160	-5.16	

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



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

Operator: Robert

File :POWER

Data :#1

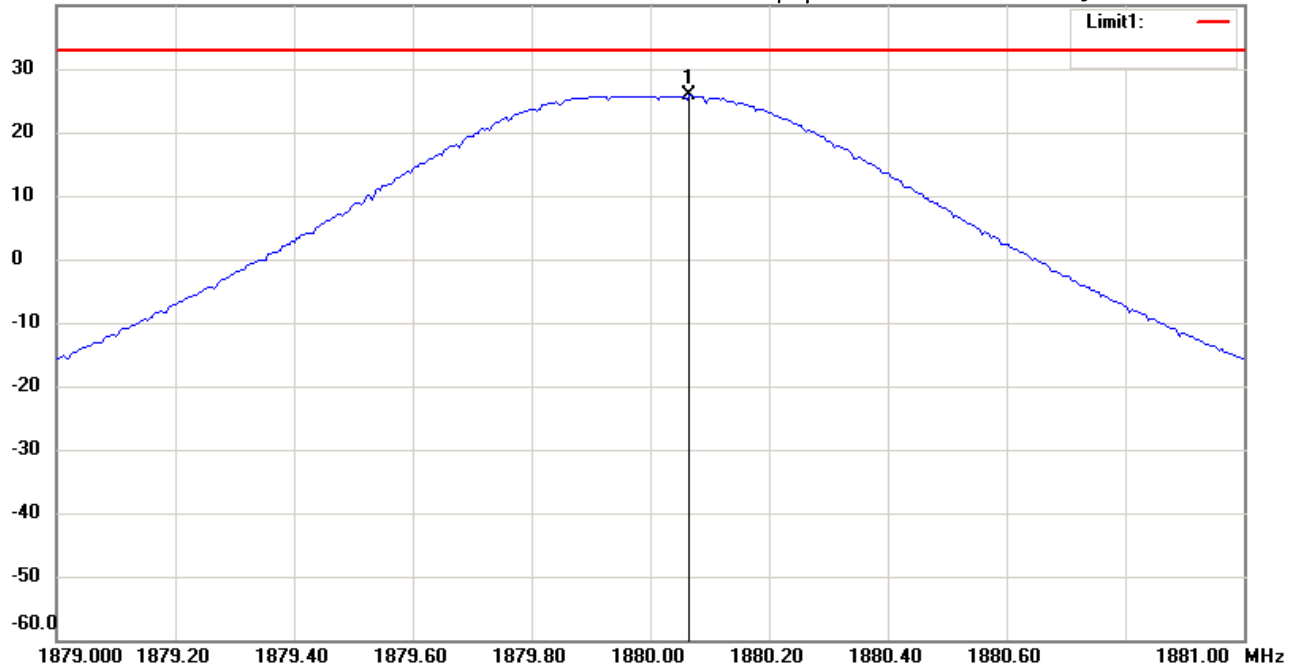
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:06:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1880.066	-18.05	peak	43.86	25.81	33.00	150	40	-7.19	

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



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#2

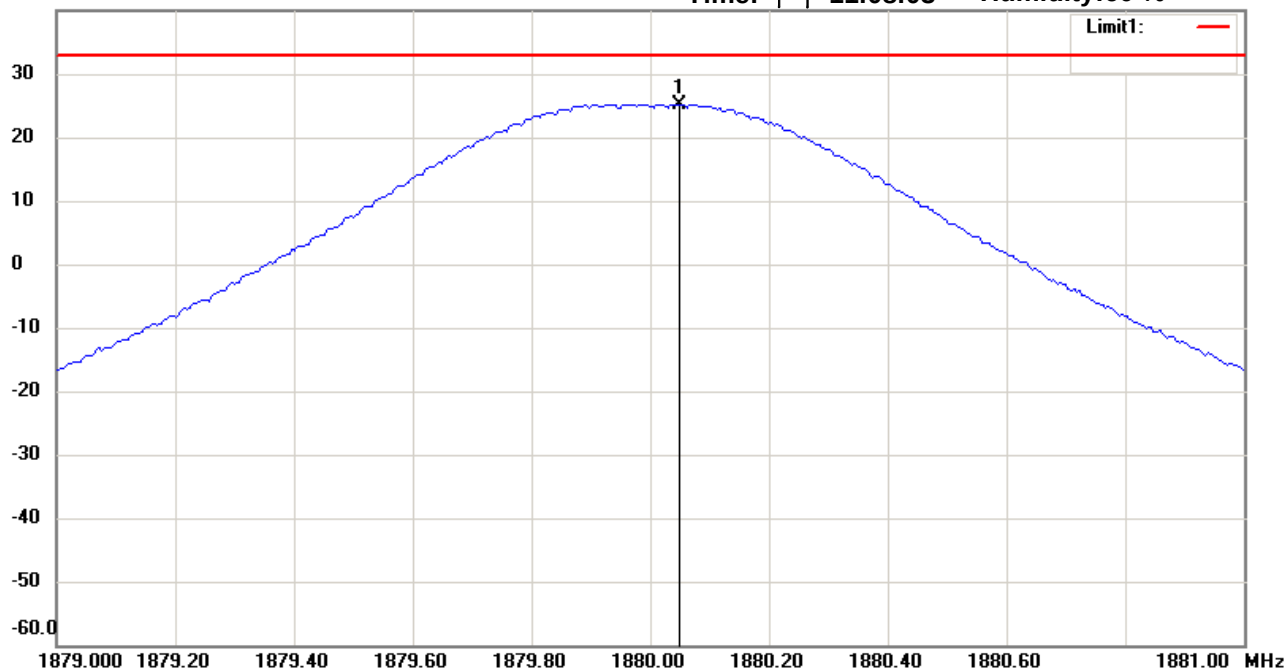
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:08:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1880.050	-18.54	peak	43.71	25.17	33.00	150	160	-7.83	

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



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

Operator: Robert

File :POWER

Data :#2

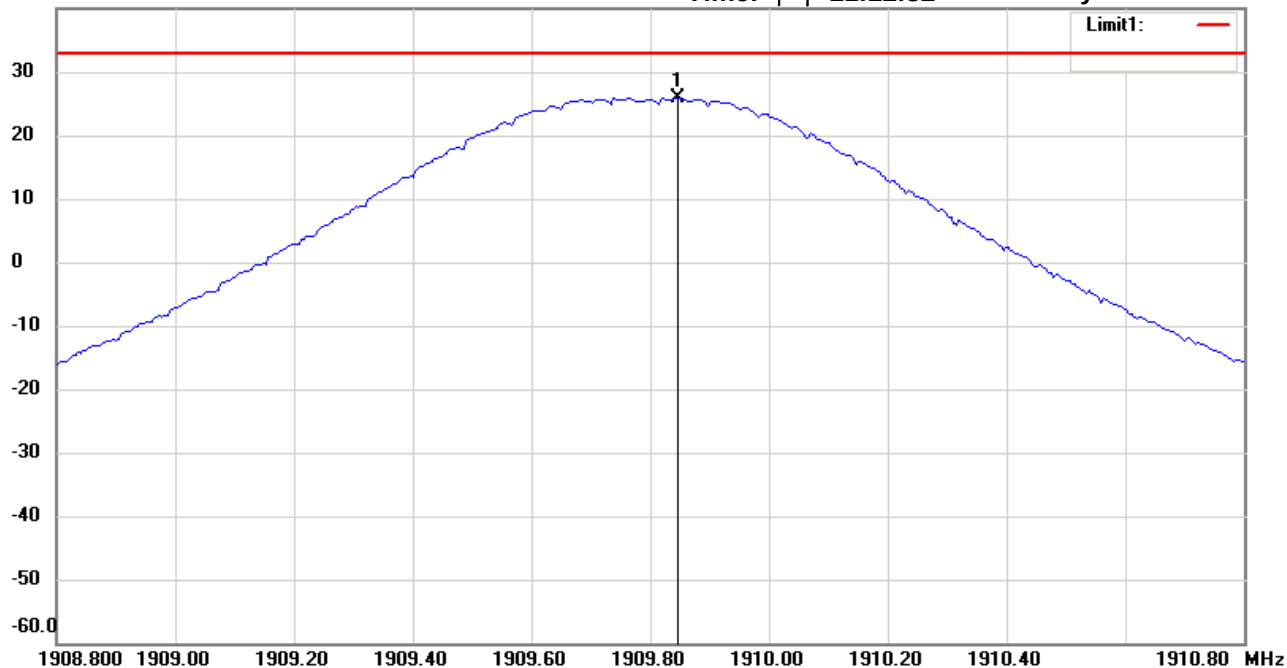
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:12:32

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1909.846	-18.26	peak	44.07	25.81	33.00	150	140	-7.19	

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



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

Operator: Robert

File :POWER

Data :#1

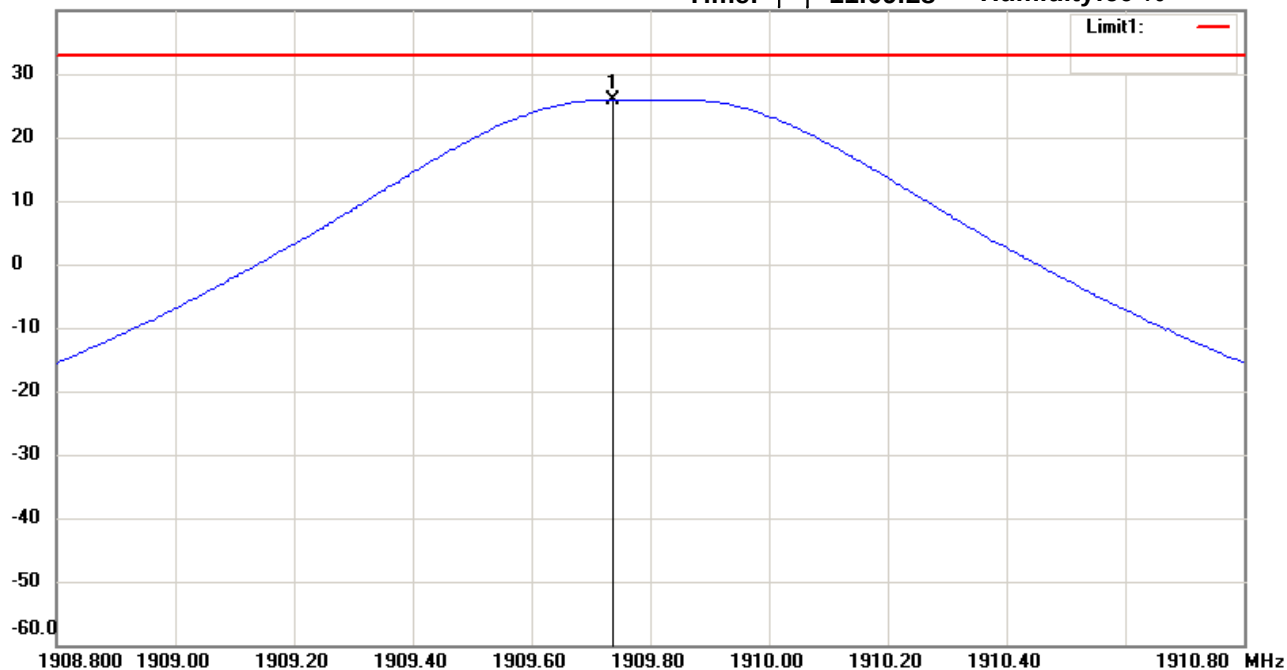
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 11:09:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1909.734	-17.89	peak	43.82	25.93	33.00	150	60	-7.07	

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



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

Operator: Robert

File :POWER

Data :#2

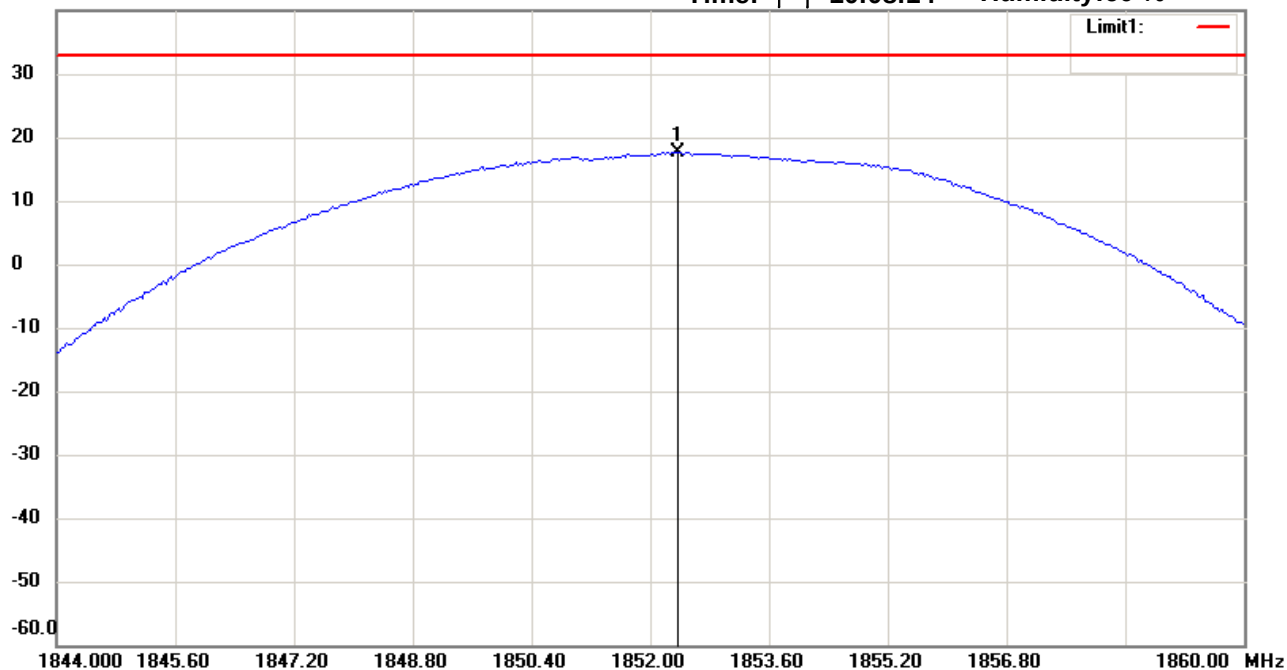
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 10:08:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1852.337	-26.19	peak	43.89	17.70	33.00	150	160	-15.30	

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



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#1

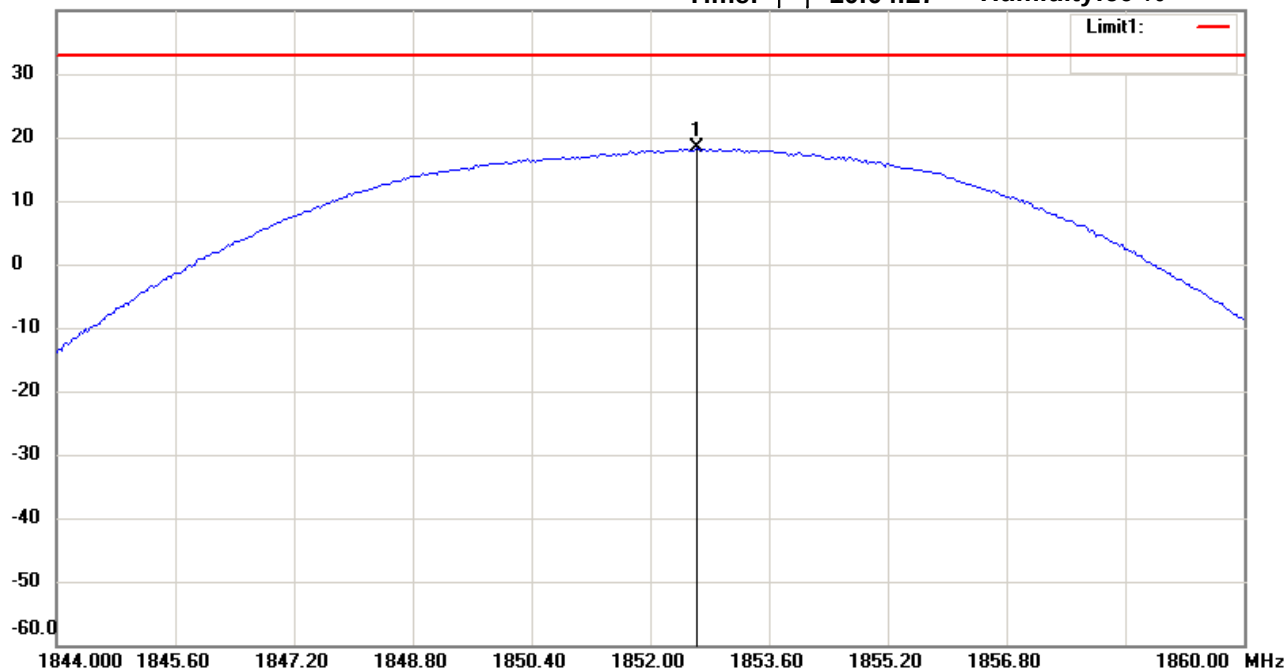
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 10:04:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1852.625	-25.53	peak	43.84	18.31	33.00	150	40	-14.69	

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



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

Operator: Robert

File :POWER

Data :#1

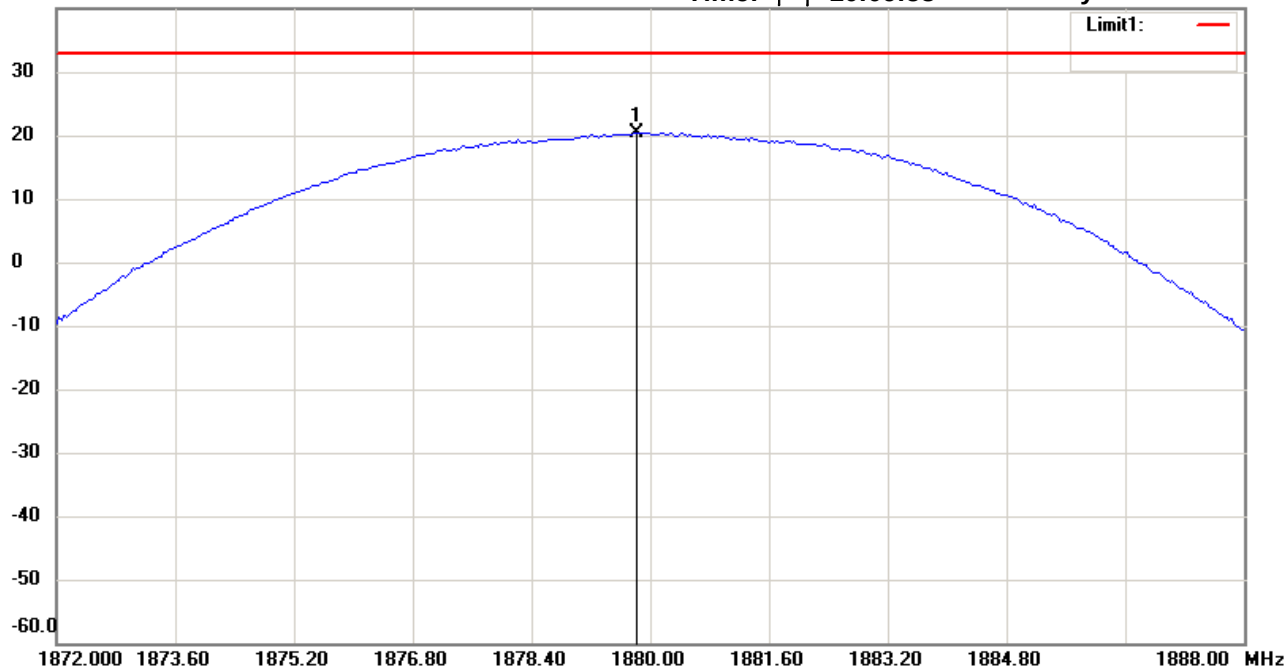
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 10:09:53

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1879.792	-23.53	peak	43.86	20.33	33.00	150	140	-12.67	

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



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#2

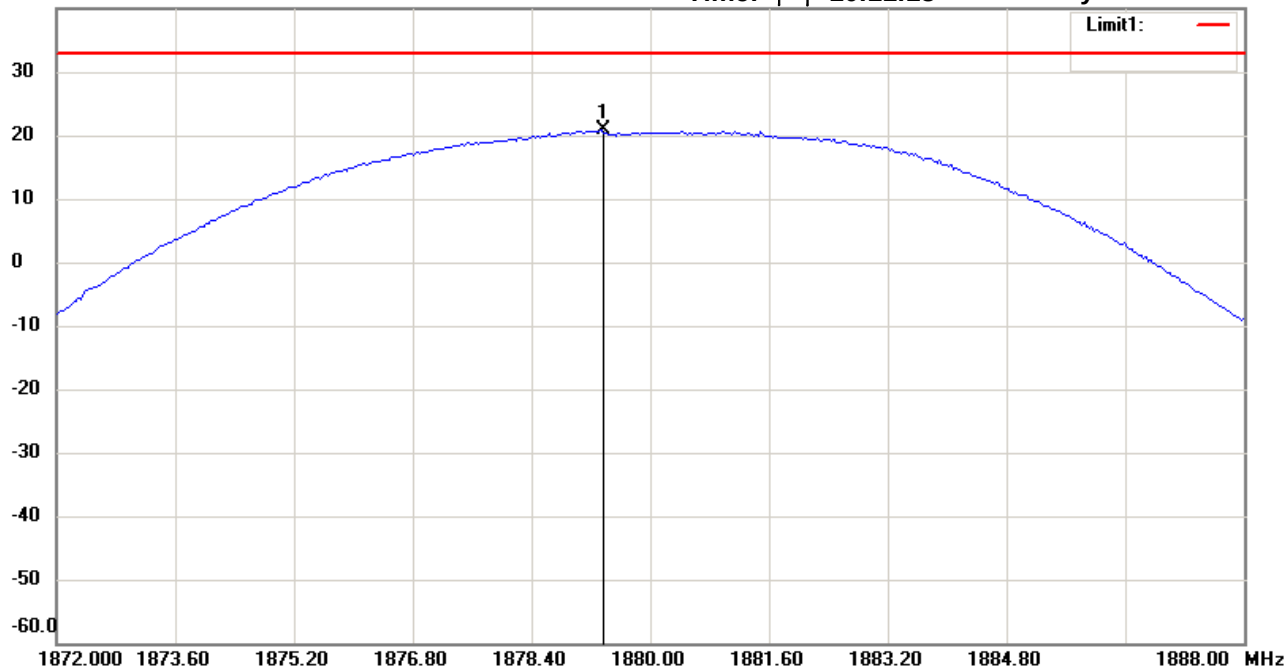
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 10:11:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1879.343	-22.82	peak	43.71	20.89	33.00	150	60	-12.11	

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



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Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#2

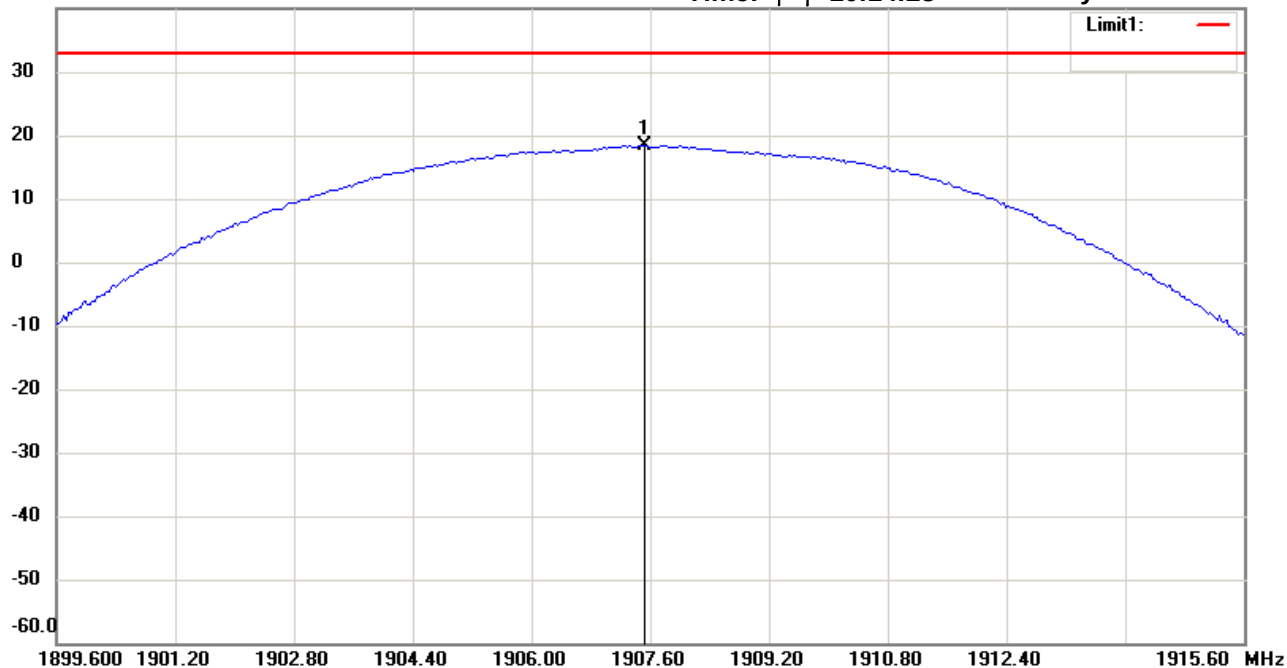
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 10:14:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: **Horizontal**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1907.488	-25.60	peak	44.01	18.41	33.00	150	140	-14.59	

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



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

Operator: Robert

File :POWER

Data :#1

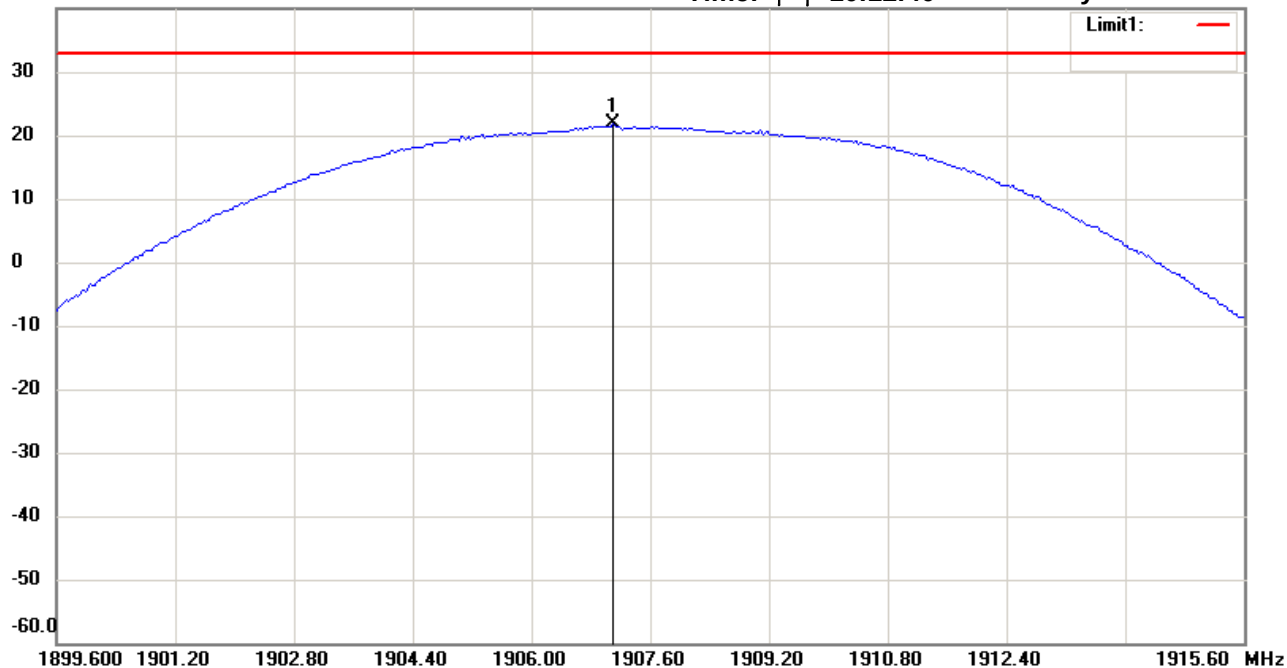
Date: 2014/12/4

Temperature:24 °C

40.0 dBm

Time: 下午 10:12:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1907.103	-21.89	peak	43.76	21.87	33.00	150	60	-11.13	

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



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

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#1

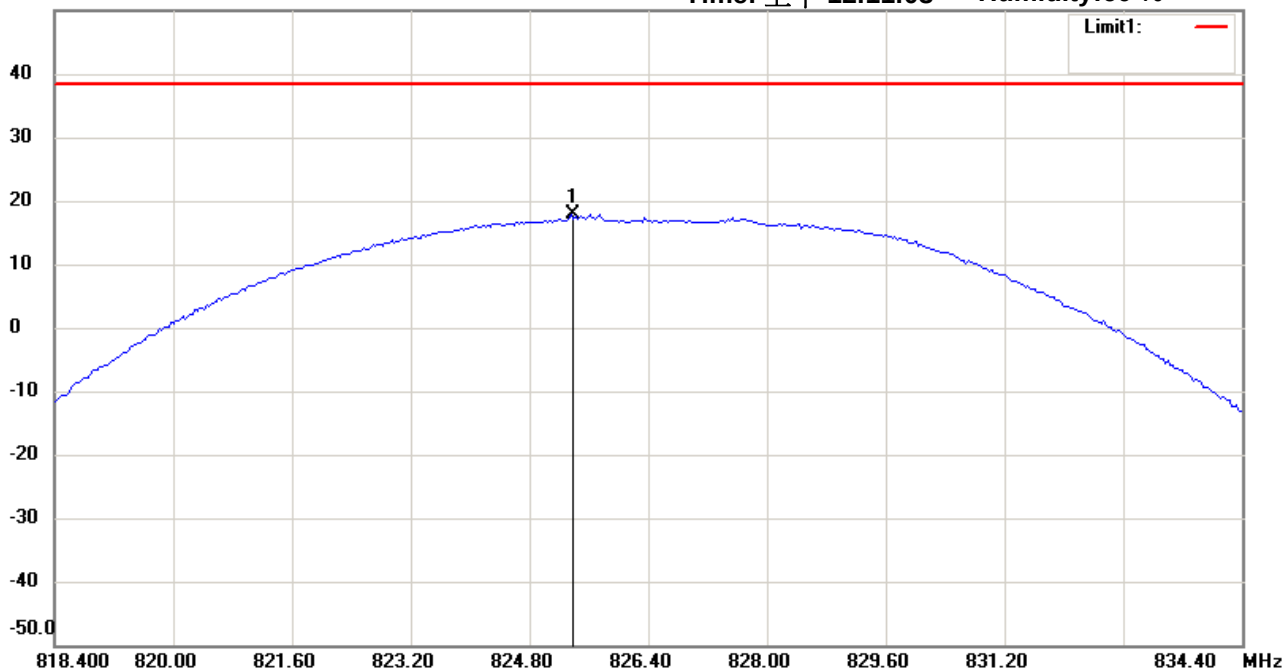
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:11:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	825.3580	-16.05	peak	33.95	17.90	38.45	150	60	-20.55	

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



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

Radiated Emission Measurement

Operator: Robert

File :POWER

Data :#2

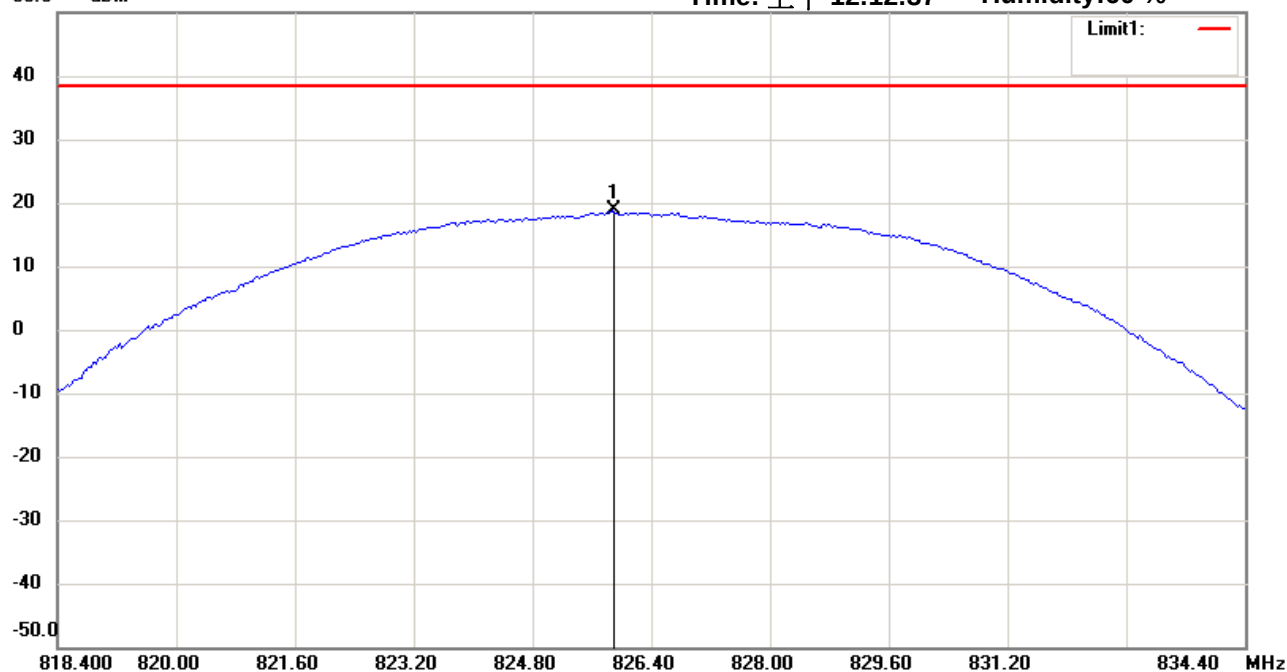
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:12:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	825.8710	-15.96	peak	34.77	18.81	38.45	150	40	-19.64	

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



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

Operator: Robert

File :POWER

Data :#2

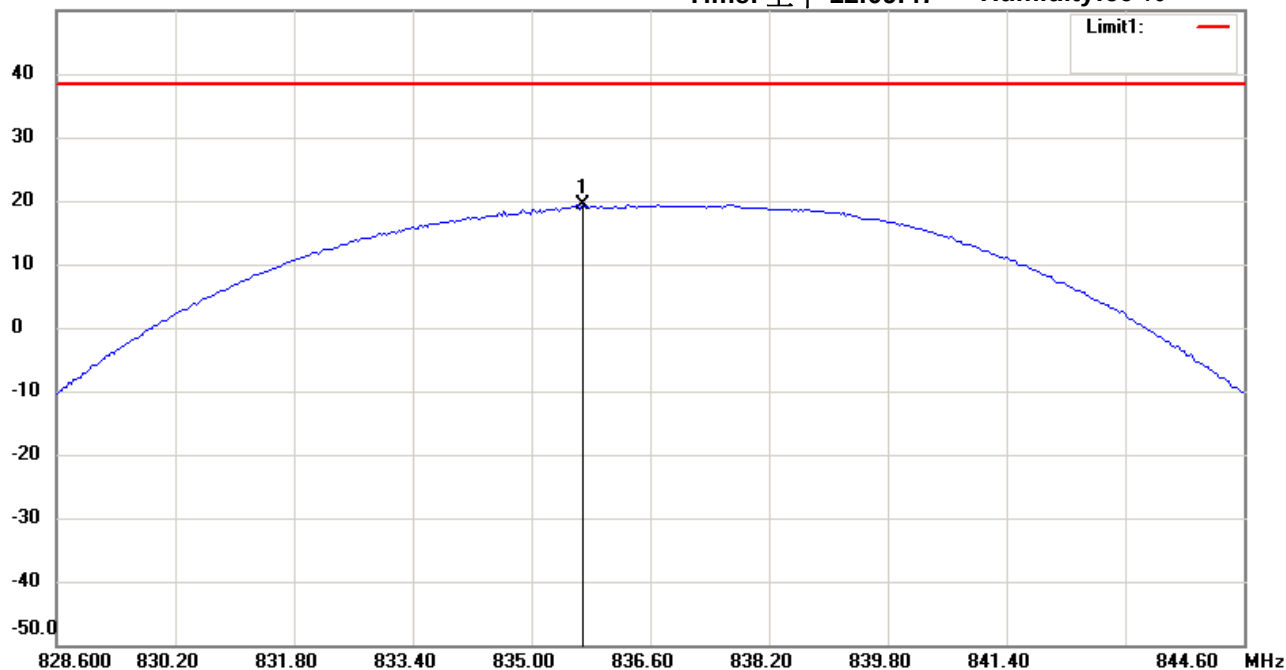
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:09:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	835.6861	-14.89	peak	34.38	19.49	38.45	150	40	-18.96	

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



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

Operator: Robert

File :POWER

Data :#1

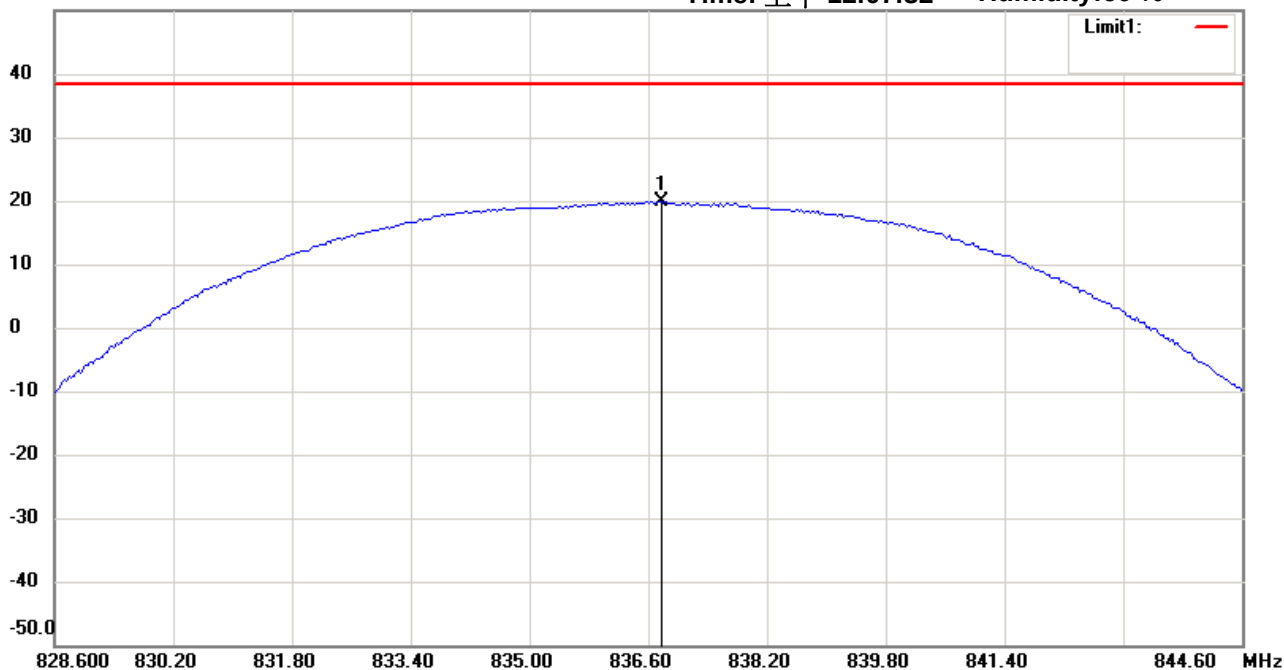
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:07:32

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	836.7764	-14.91	peak	34.84	19.93	38.45	150	160	-18.52	

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



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

Operator: Robert

File :POWER

Data :#1

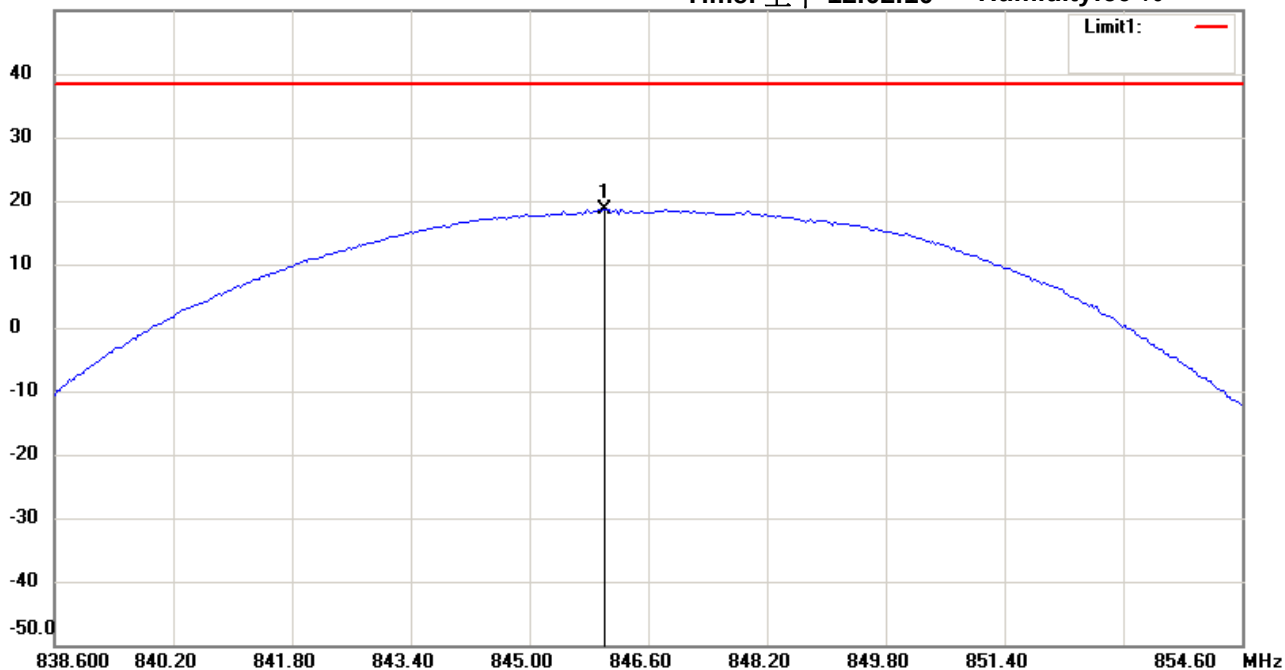
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:02:10

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	846.0068	-16.07	peak	34.81	18.74	38.45	150	60	-19.71	

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



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

Operator: Robert

File :POWER

Data :#2

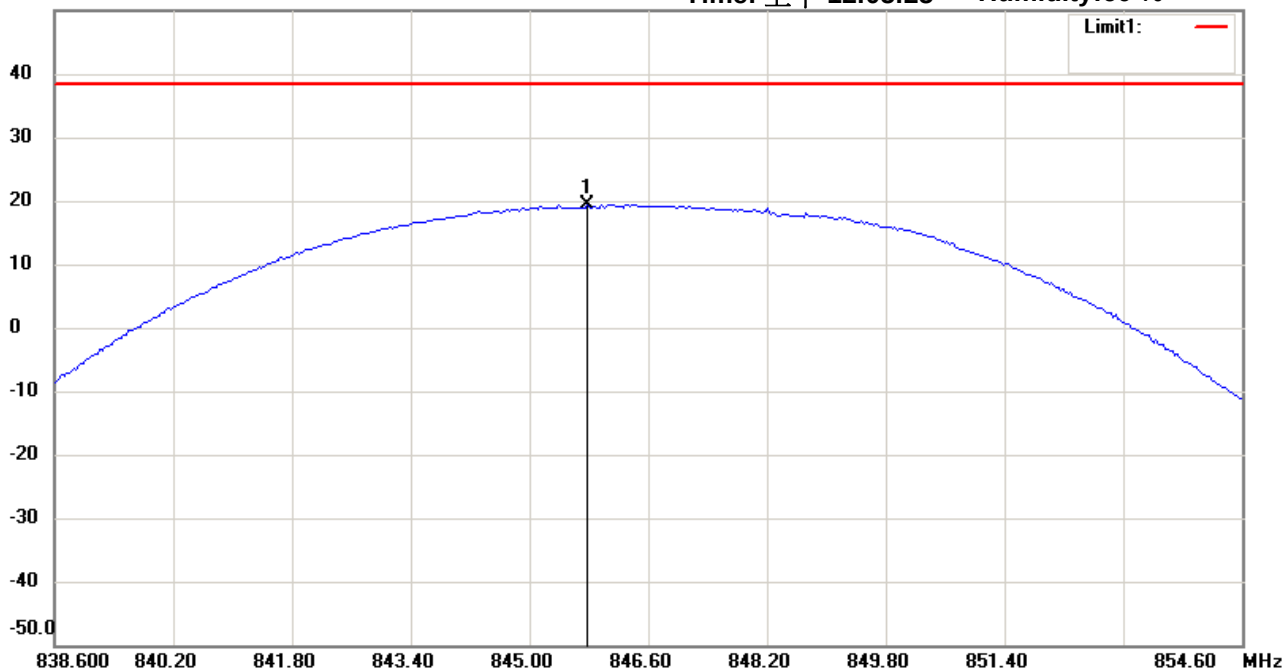
Date: 2014/12/5

Temperature:24 °C

50.0 dBm

Time: 上午 12:05:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	845.7824	-15.41	peak	34.89	19.48	38.45	150	140	-18.97	

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



Radiated Emission Measurement

Operator: Robert

File :1

Data :#1

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:08:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	80.7615	-93.92	peak	21.99	-71.93	-13.00	150	140	-58.93	
	86.2124	-93.76	peak	21.25	-72.51	-13.00	150	200	-59.51	



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

Operator: Robert

File :2

Data :#2

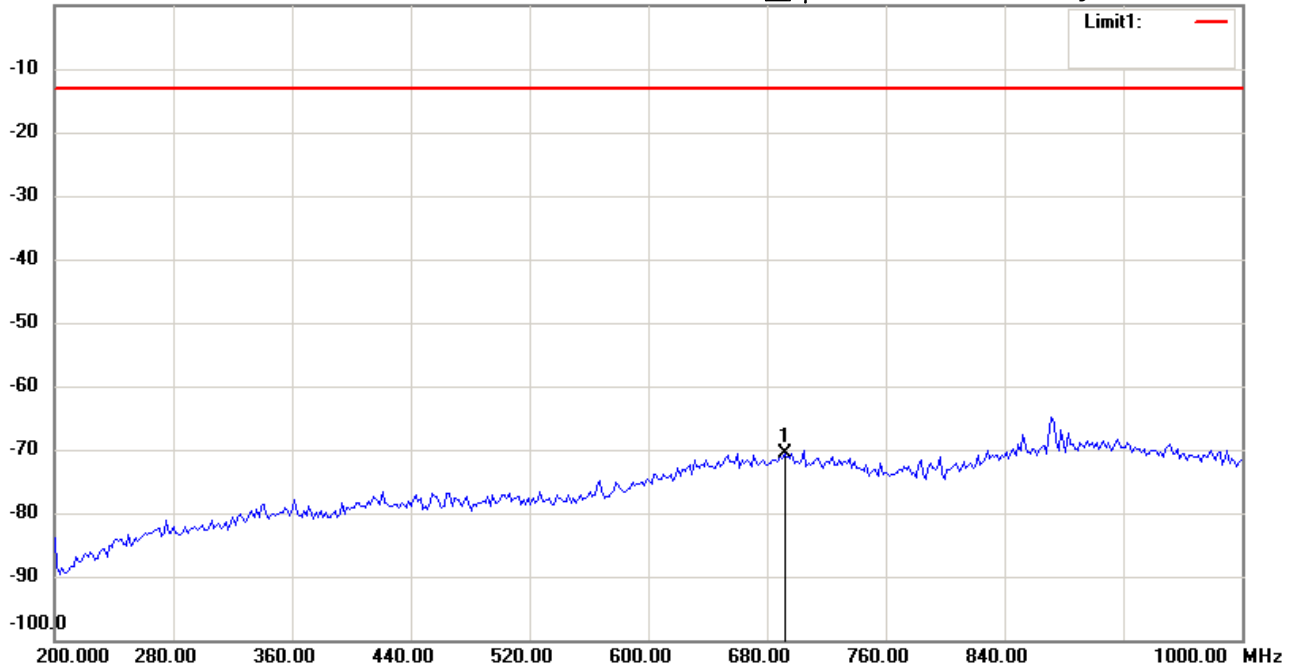
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:59:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	692.1844	-103.04	peak	32.48	-70.56	-13.00	150	200	-57.56	

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



Radiated Emission Measurement

Operator: Robert

File :3

Data :#1

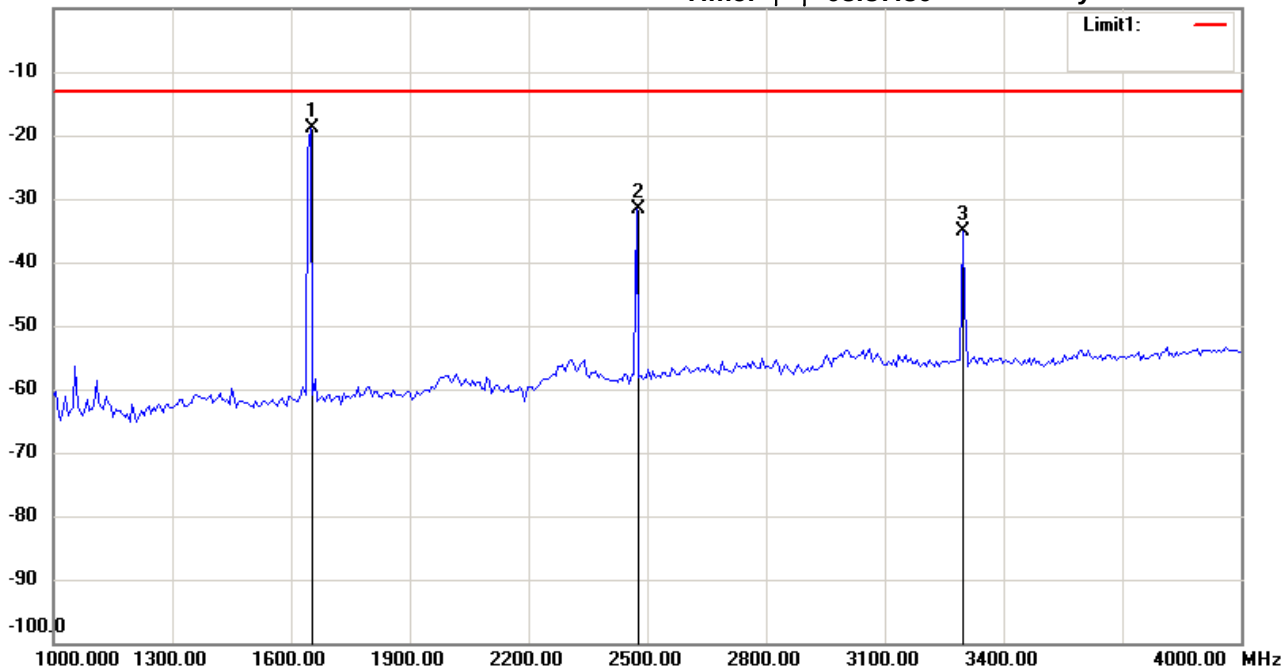
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:37:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1649.299	-19.82	peak	0.85	-18.97	-13.00	150	200	-5.97	
	2472.946	-35.89	peak	4.27	-31.62	-13.00	150	100	-18.62	
	3296.593	-42.61	peak	7.46	-35.15	-13.00	150	240	-22.15	



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#2

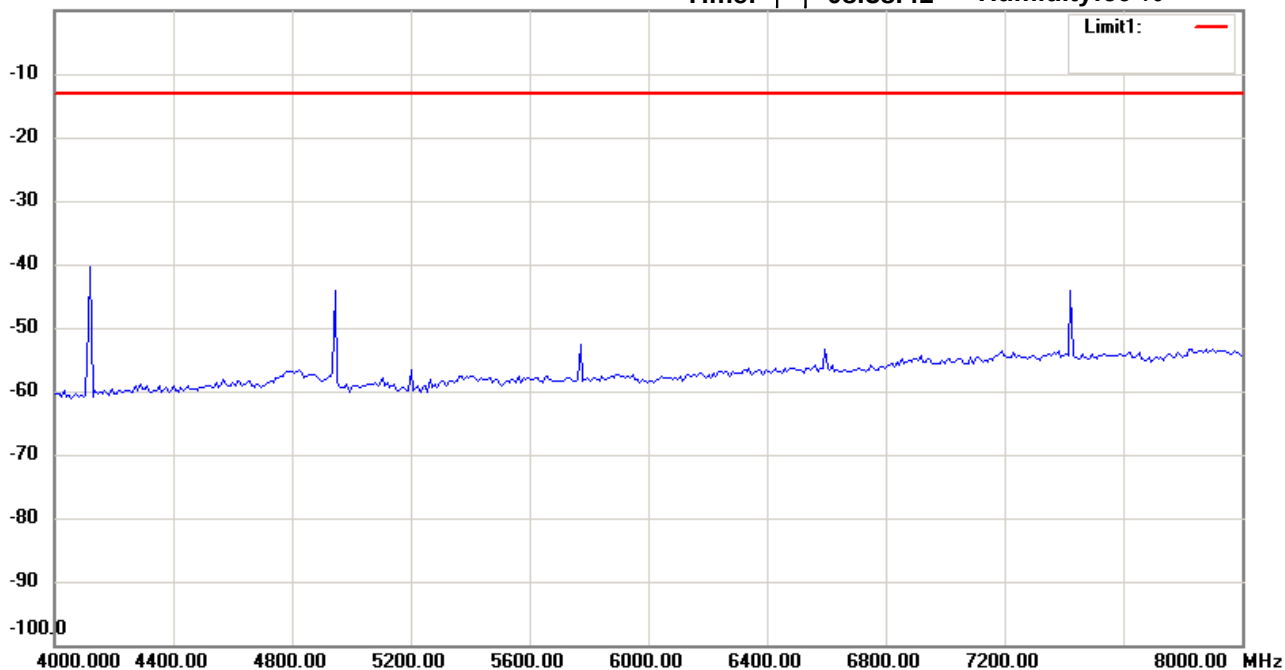
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:38:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#3

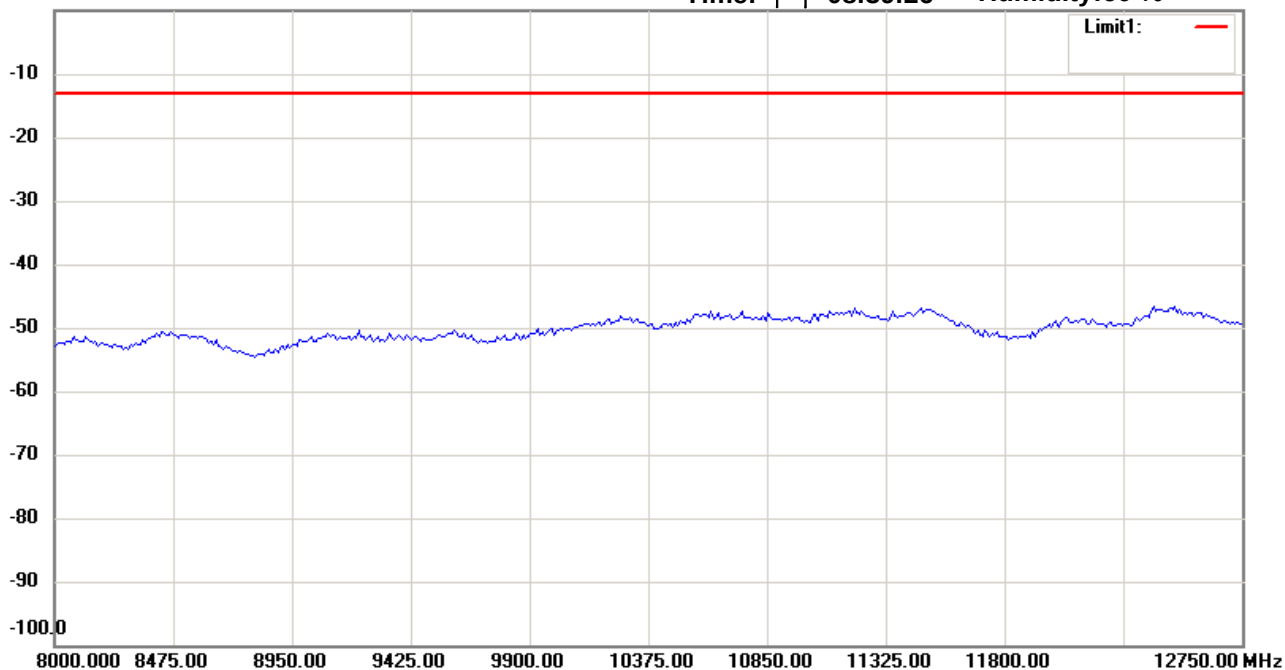
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:39:26

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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

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



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

Operator: Robert

File :1

Data :#2

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:19:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	46.3527	-96.69	peak	20.82	-75.87	-13.00	150	200	-62.87	
*	75.6512	-91.57	peak	21.39	-70.18	-13.00	150	140	-57.18	

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



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

Operator: Robert

File :2

Data :#1

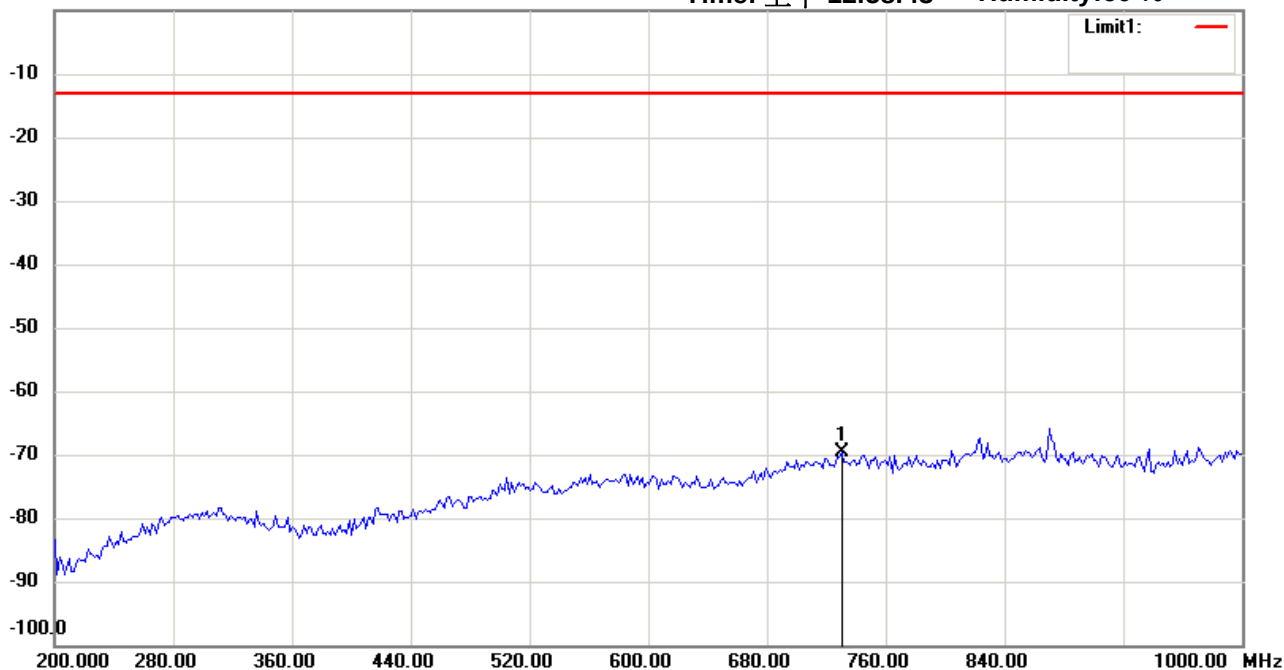
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:58:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	730.6613	-101.70	peak	32.05	-69.65	-13.00	150	200	-56.65	

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



Radiated Emission Measurement

Operator: Robert

File :3

Data :#4

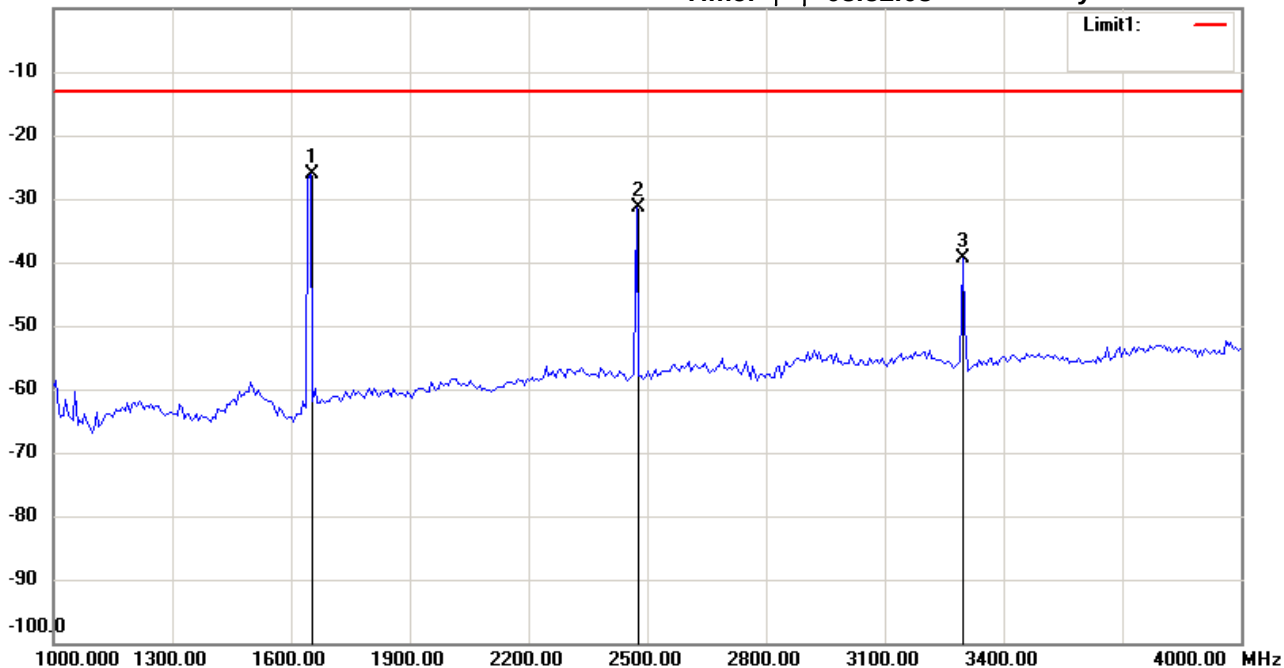
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:52:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1649.299	-25.14	peak	-0.86	-26.00	-13.00	150	100	-13.00	
	2472.946	-35.70	peak	4.24	-31.46	-13.00	150	280	-18.46	
	3296.593	-45.61	peak	6.35	-39.26	-13.00	150	210	-26.26	



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Radiated Emission Measurement

Operator: Robert

File :3

Data :#5

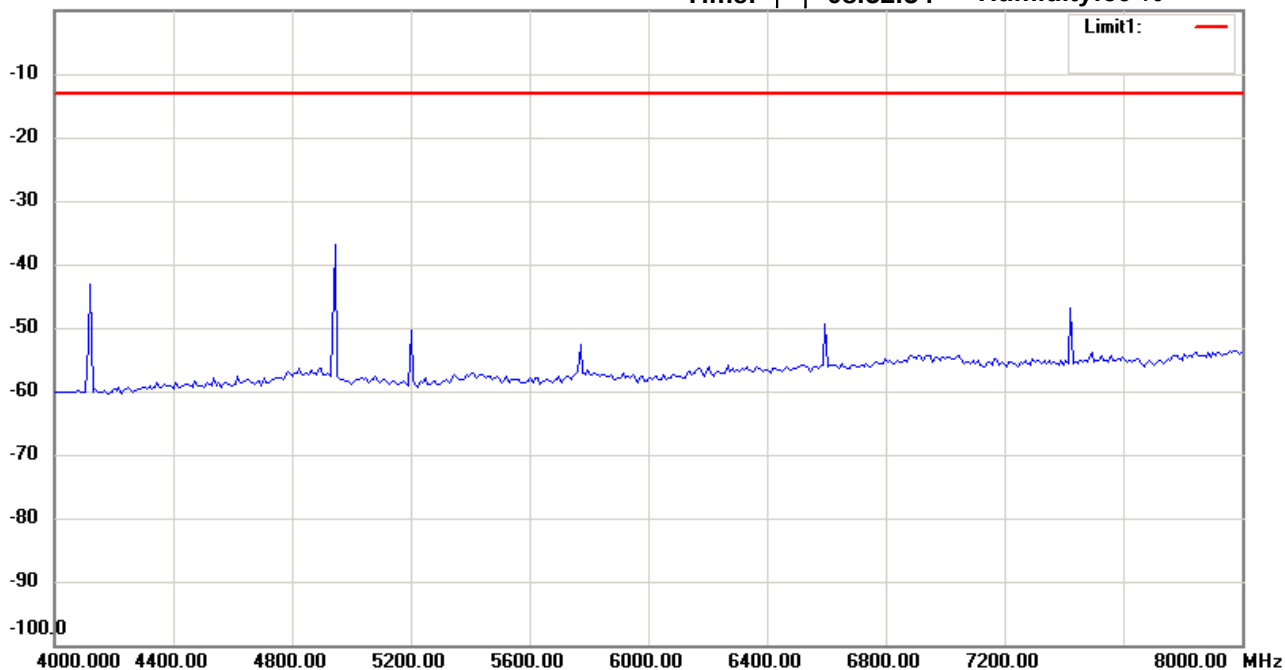
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:52:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :3

Data :#6

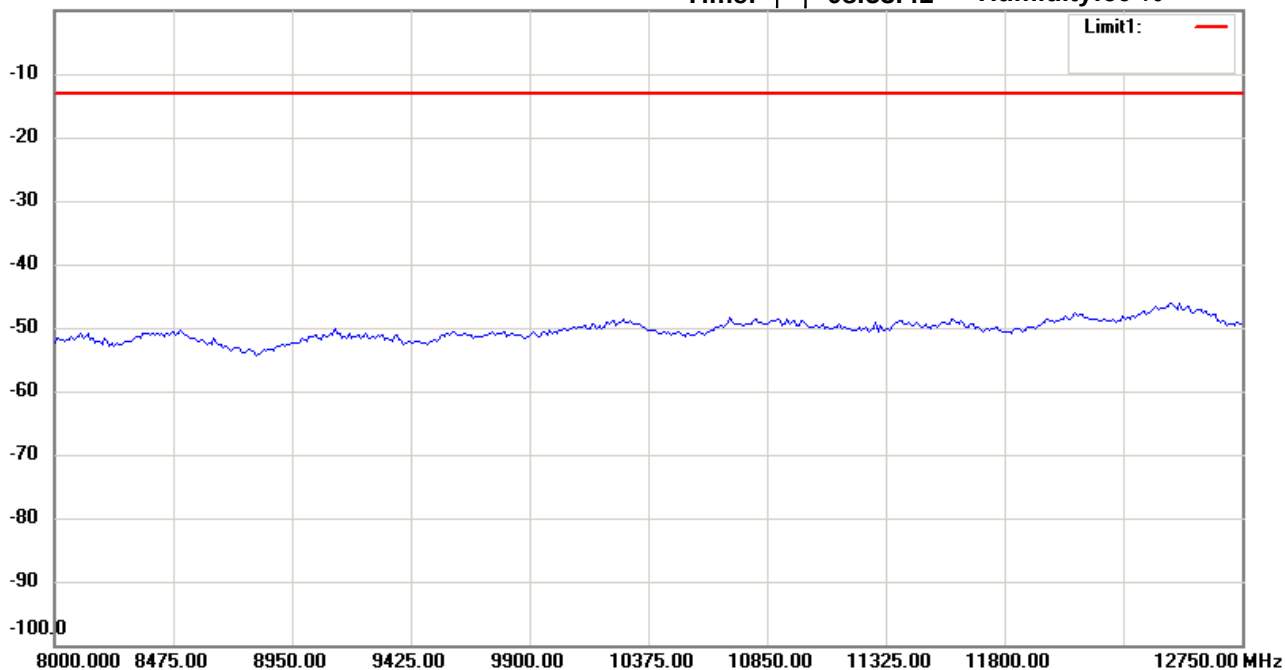
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:53:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH128 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :1

Data :#1

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:09:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	78.0361	-100.34	peak	21.85	-78.49	-13.00	150	200	-65.49	
*	83.8277	-97.87	peak	21.57	-76.30	-13.00	150	170	-63.30	

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



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

Operator: Robert

File :2

Data :#1

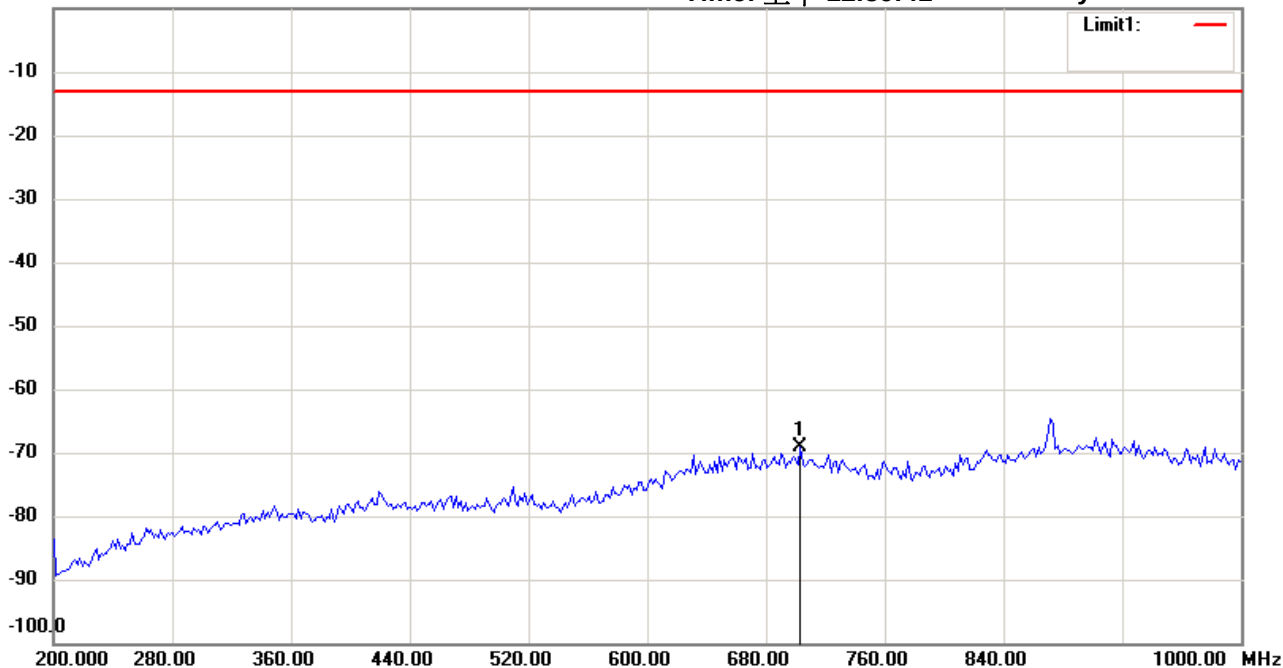
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:59:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	703.4068	-101.33	peak	32.25	-69.08	-13.00	150	320	-56.08	

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



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

Operator: Robert

File :3

Data :#1

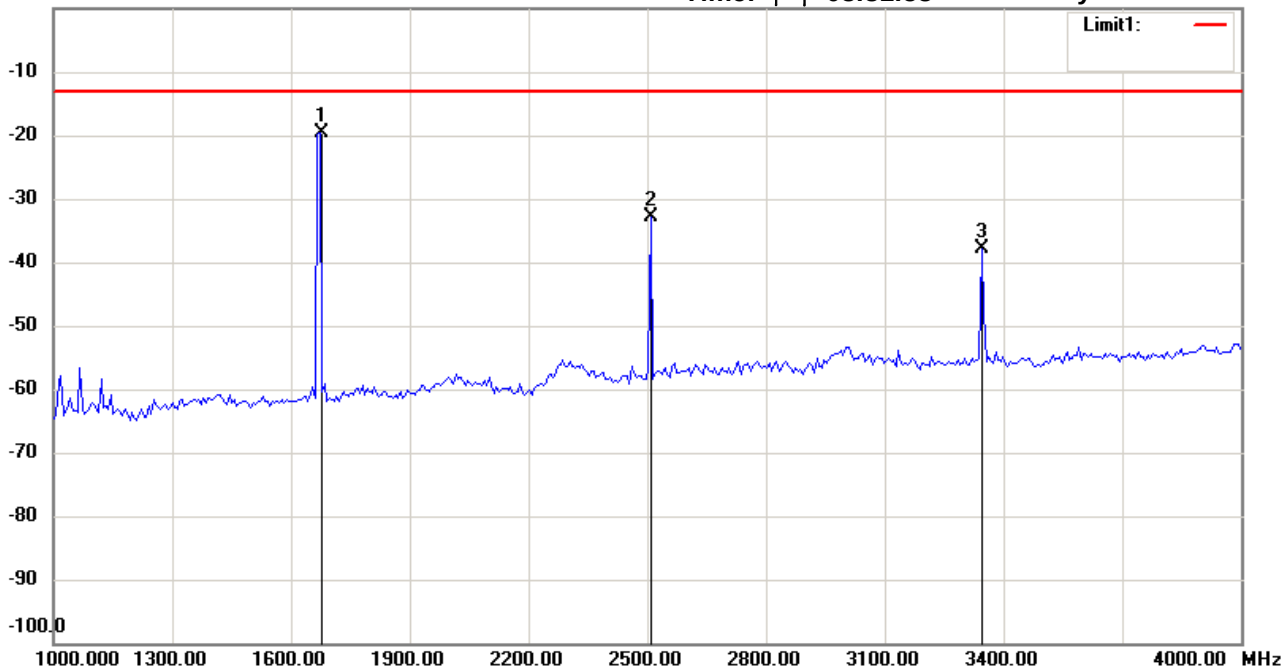
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:31:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1673.347	-20.67	peak	0.93	-19.74	-13.00	150	140	-6.74	
	2509.018	-37.37	peak	4.60	-32.77	-13.00	150	250	-19.77	
	3344.689	-45.42	peak	7.58	-37.84	-13.00	150	160	-24.84	

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



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

Operator: Robert

File :3

Data :#2

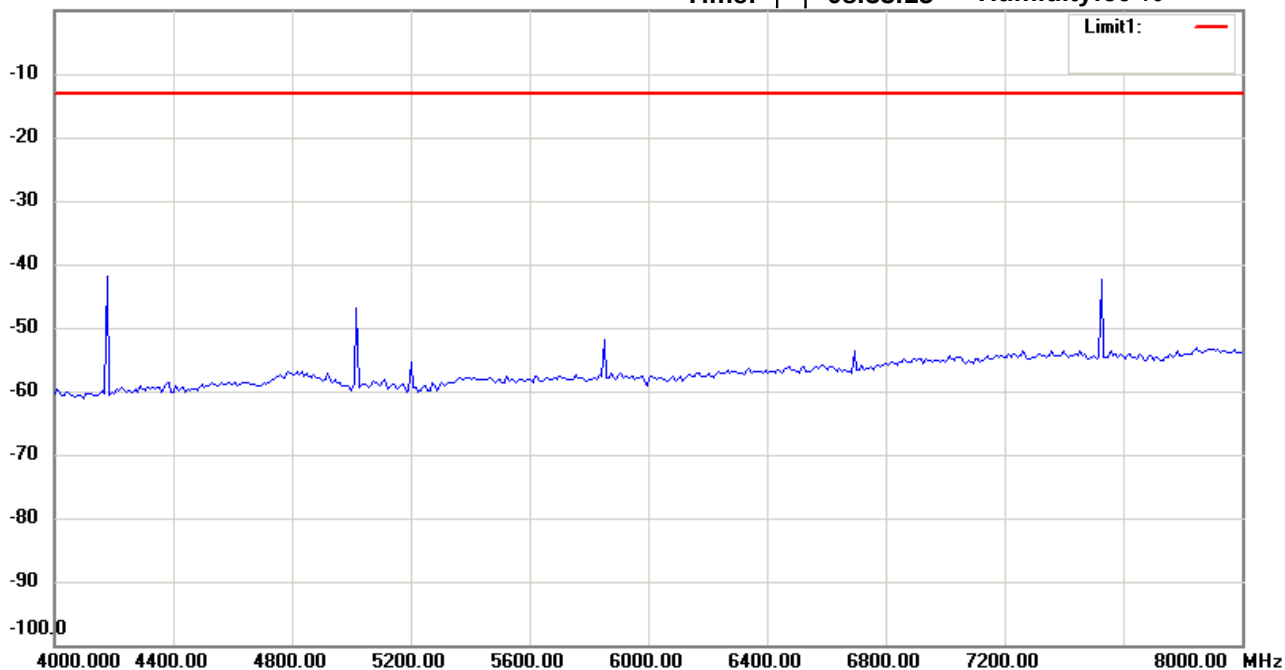
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:33:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :3

Data :#3

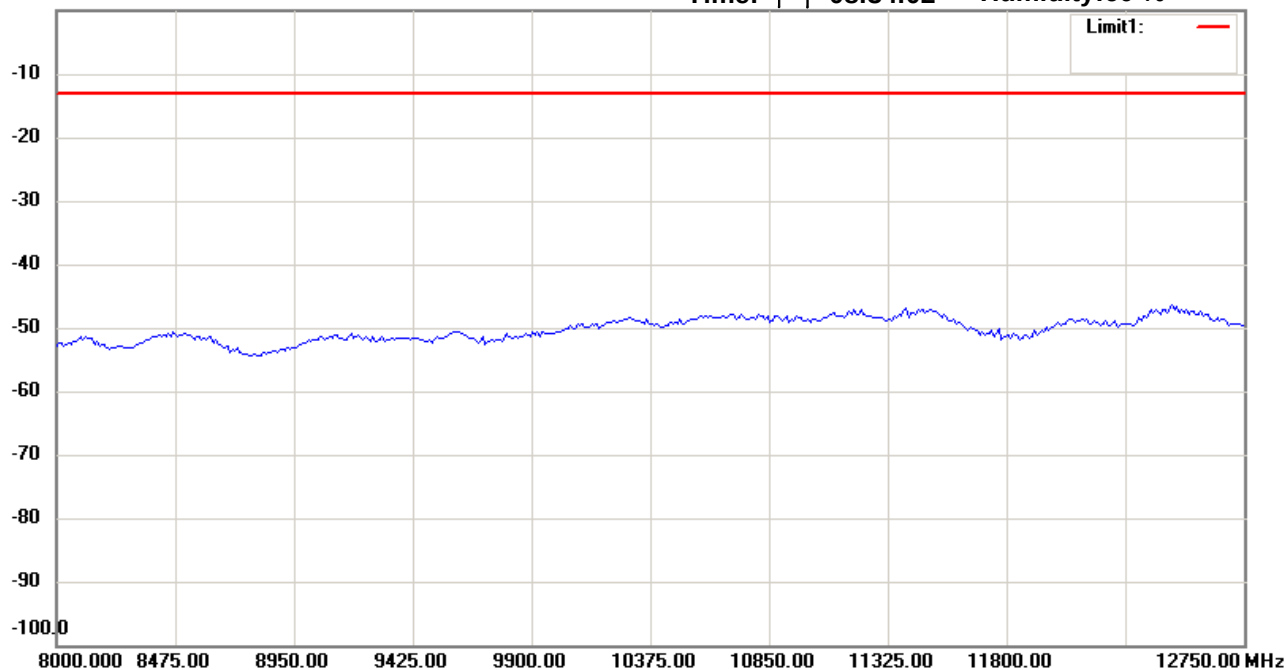
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:34:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Robert

File :1

Data :#2

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:20:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	47.0340	-95.70	peak	20.75	-74.95	-13.00	150	300	-61.95	
*	74.9700	-90.88	peak	21.28	-69.60	-13.00	150	140	-56.60	

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



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

Radiated Emission Measurement

Operator: Robert

File :2

Data :#2

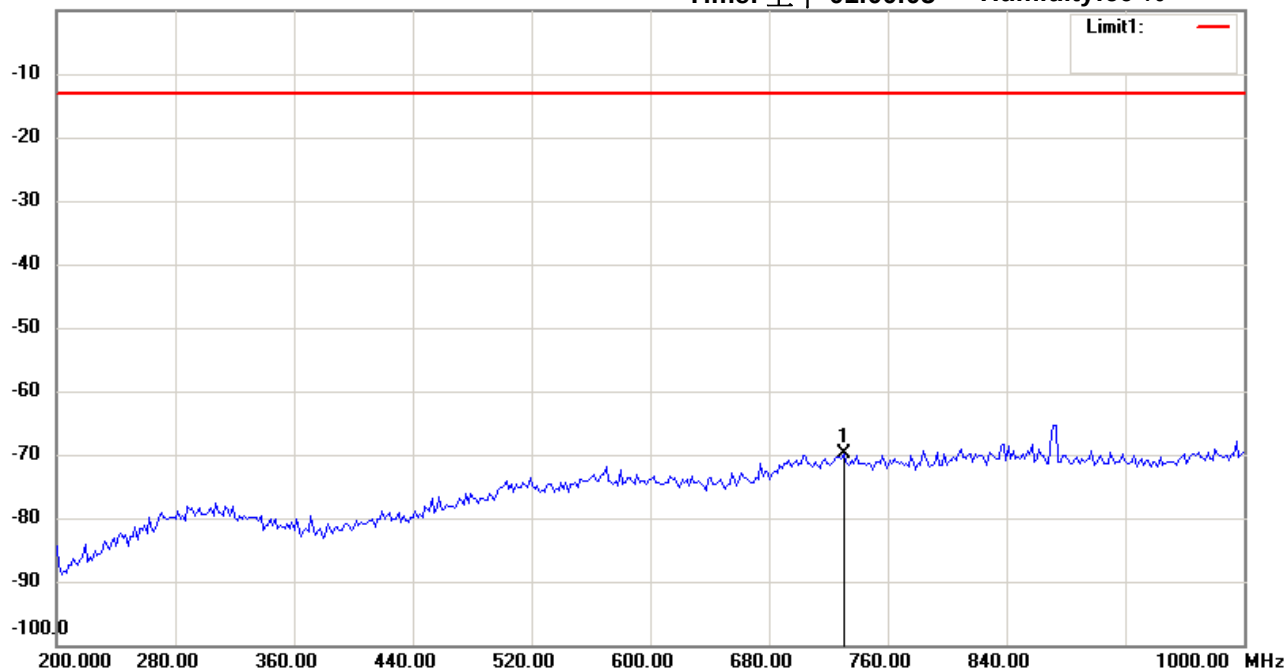
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:00:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	730.6613	-101.83	peak	32.05	-69.78	-13.00	150	200	-56.78	

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



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

Operator: Robert

File :3

Data :#4

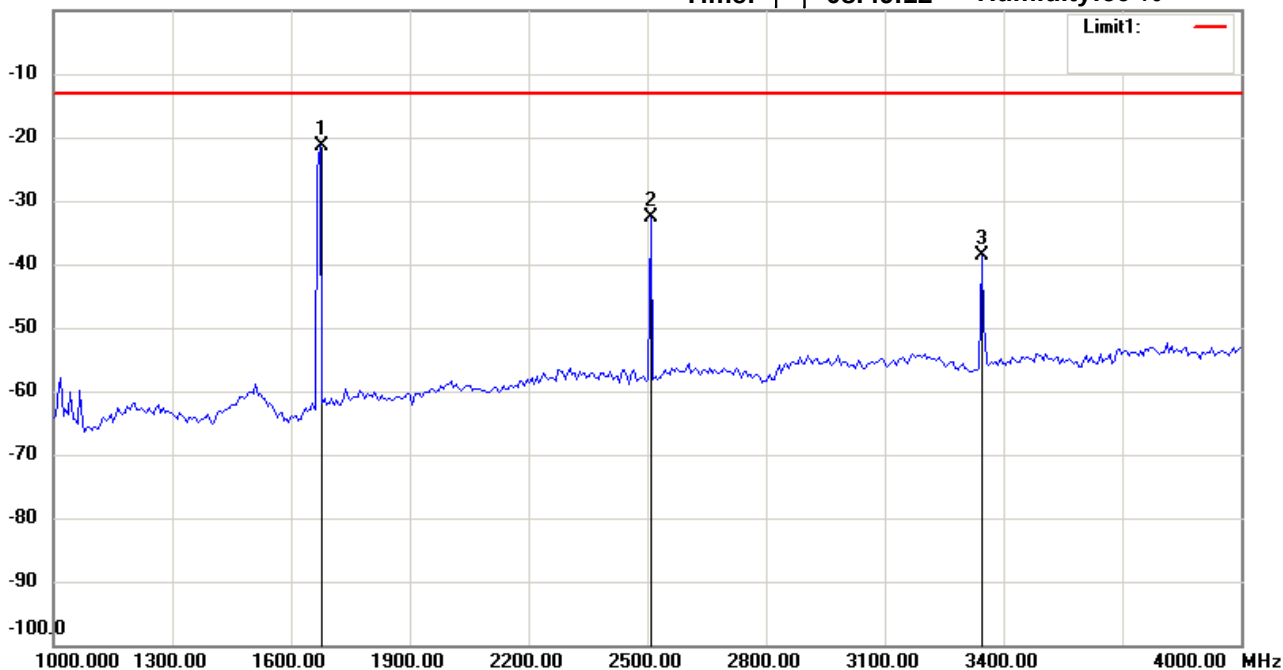
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:49:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1673.347	-21.30	peak	-0.10	-21.40	-13.00	150	200	-8.40	
	2509.018	-37.02	peak	4.36	-32.66	-13.00	150	130	-19.66	
	3344.689	-45.63	peak	6.92	-38.71	-13.00	150	100	-25.71	

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



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

Operator: Robert

File :3

Data :#5

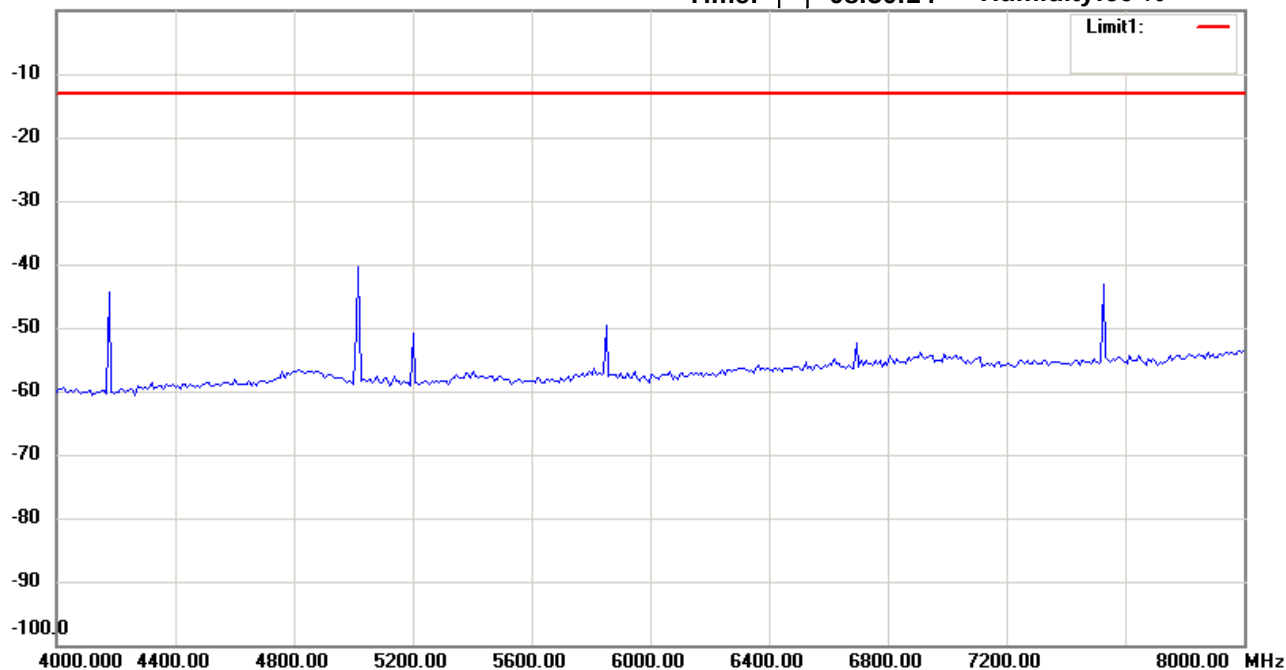
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:50:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

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

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



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

Operator: Robert

File :3

Data :#6

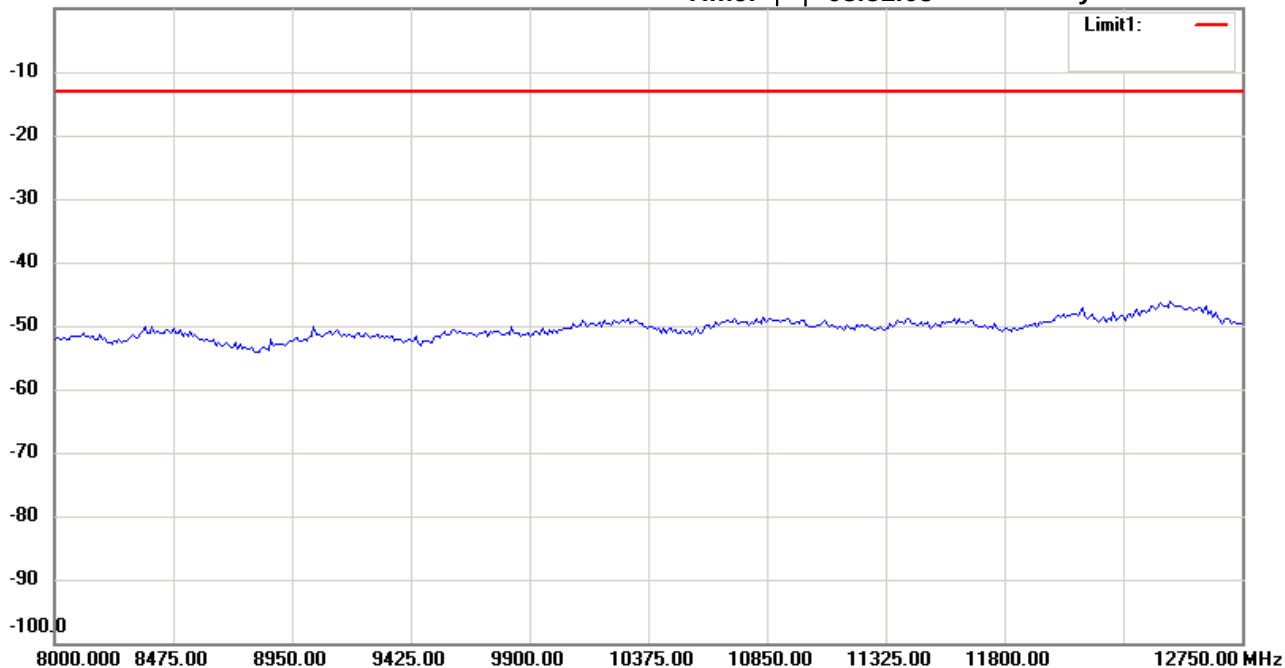
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:51:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH188 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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

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



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :1

Data :#1

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:12:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	79.0581	-99.61	peak	21.97	-77.64	-13.00	150	200	-64.64	
*	85.1904	-92.28	peak	21.38	-70.90	-13.00	150	140	-57.90	

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



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

Operator: Robert

File :2

Data :#1

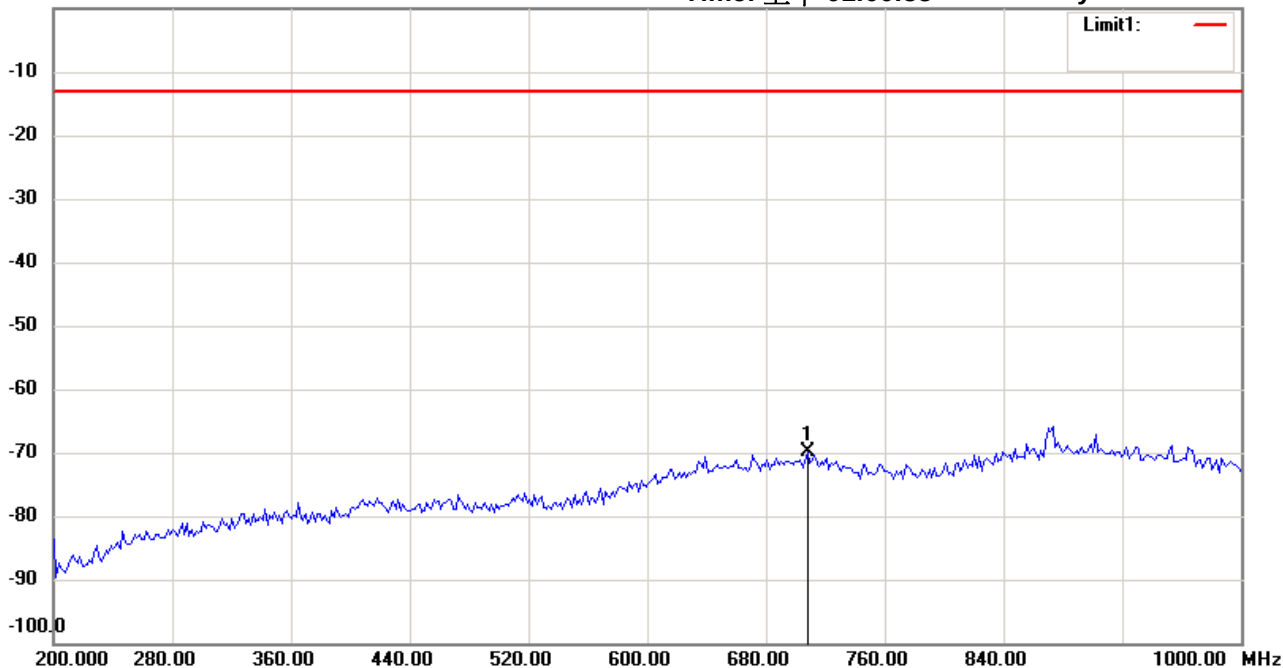
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:00:55

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	708.2164	-101.94	peak	32.05	-69.89	-13.00	150	60	-56.89	

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



Radiated Emission Measurement

Operator: Robert

File :3

Data :#1

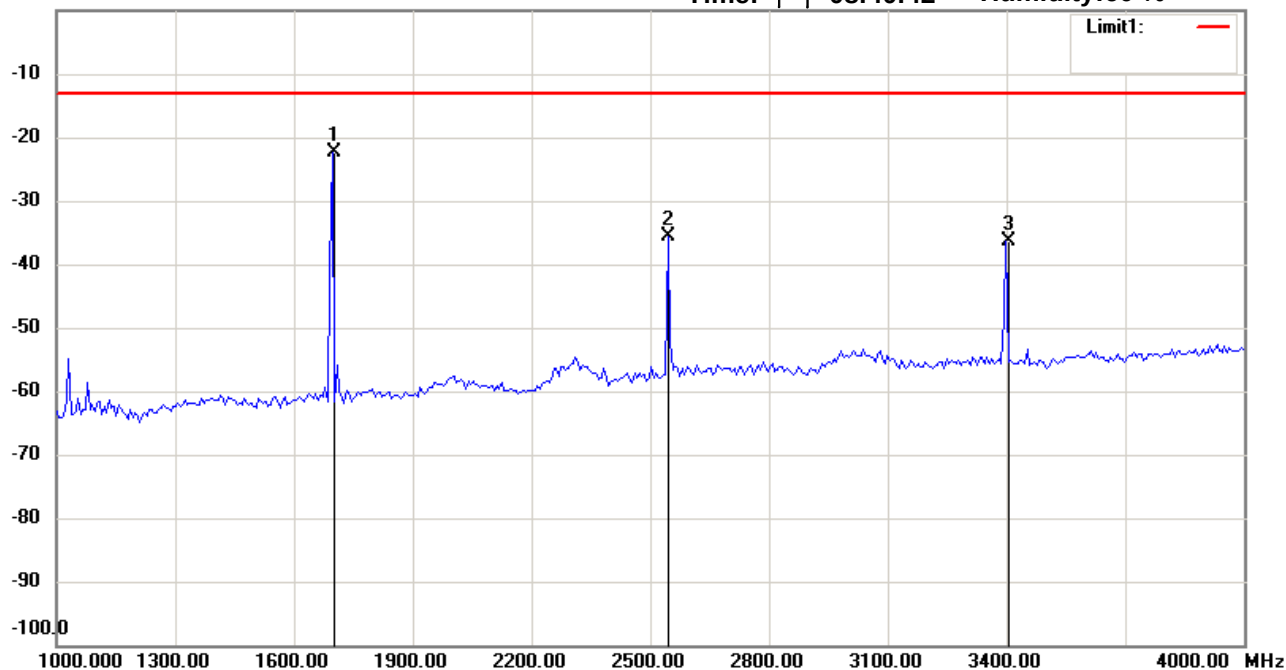
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:40:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1697.395	-23.38	peak	1.01	-22.37	-13.00	150	200	-9.37	
	2545.090	-40.61	peak	5.09	-35.52	-13.00	150	140	-22.52	
	3398.798	-44.12	peak	7.70	-36.42	-13.00	150	200	-23.42	



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Radiated Emission Measurement

Operator: Robert

File :3

Data :#2

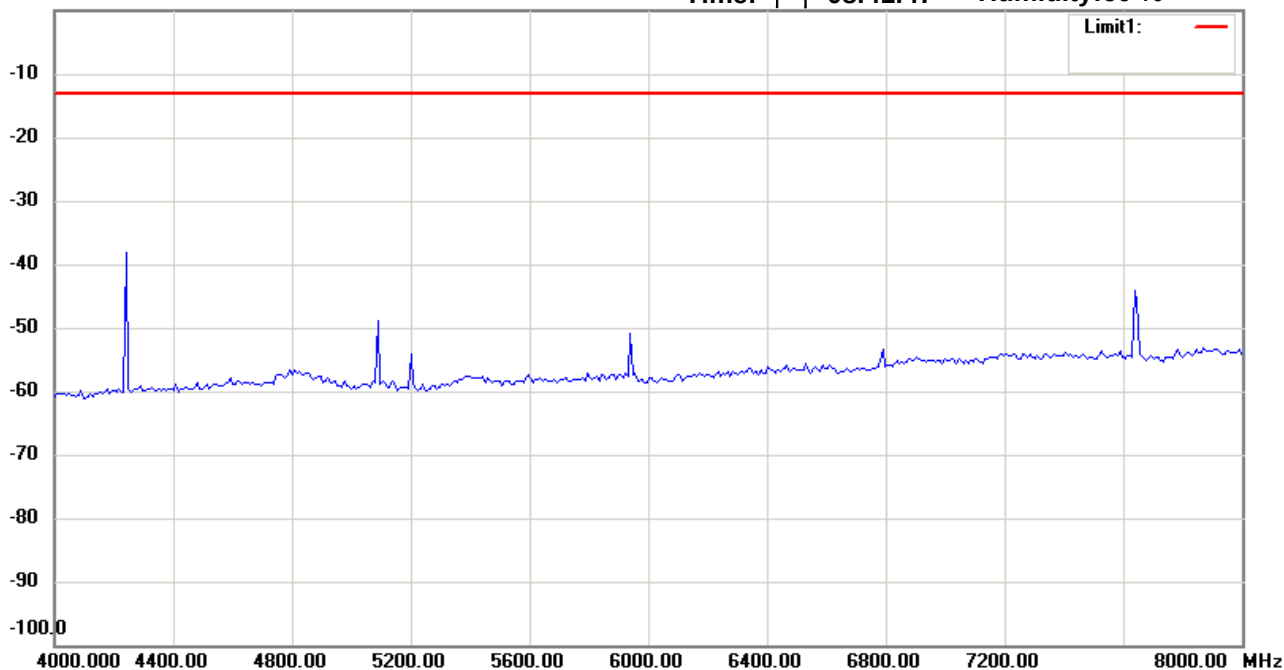
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:41:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#3

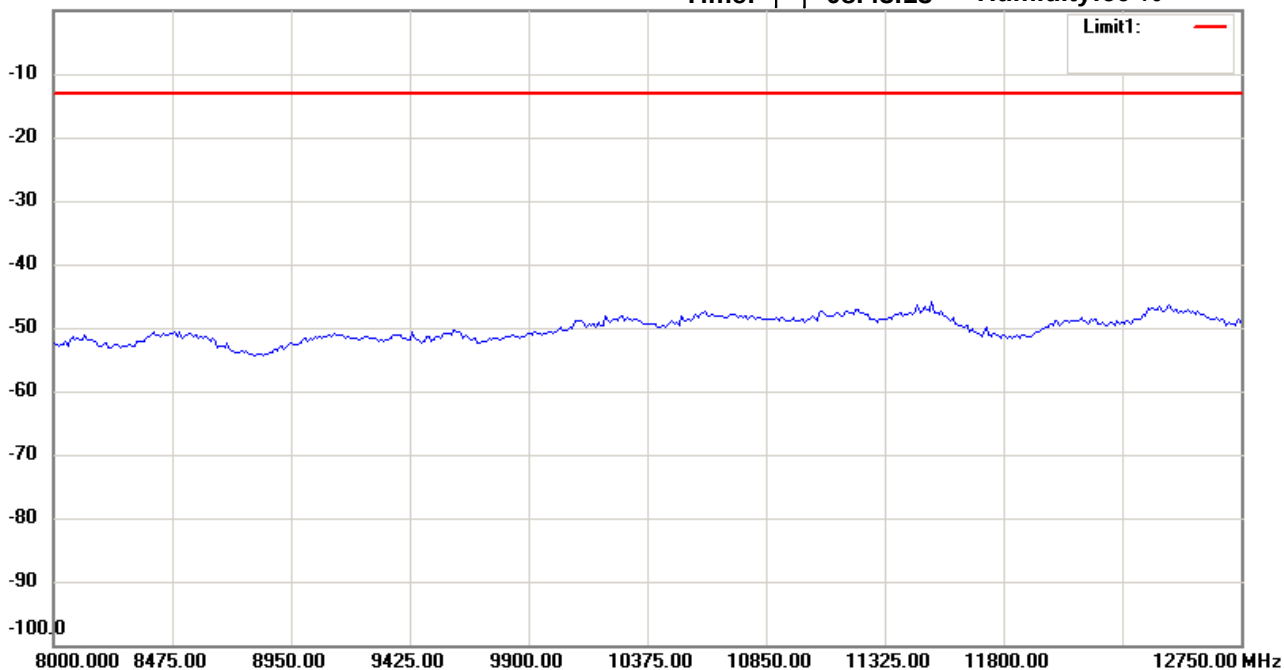
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:43:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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

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



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

Operator: Robert

File :1

Data :#2

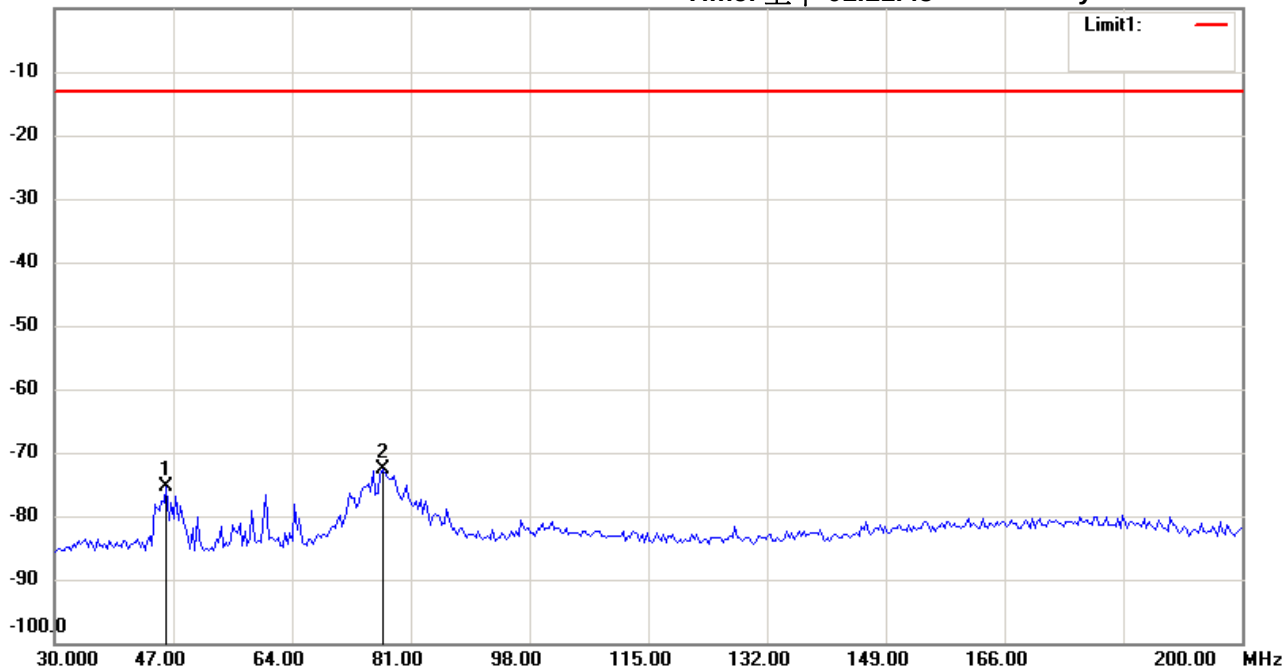
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:21:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	46.0120	-96.25	peak	20.86	-75.39	-13.00	150	300	-62.39	
*	77.0140	-94.31	peak	21.61	-72.70	-13.00	150	290	-59.70	

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



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

Operator: Robert

File :2

Data :#2

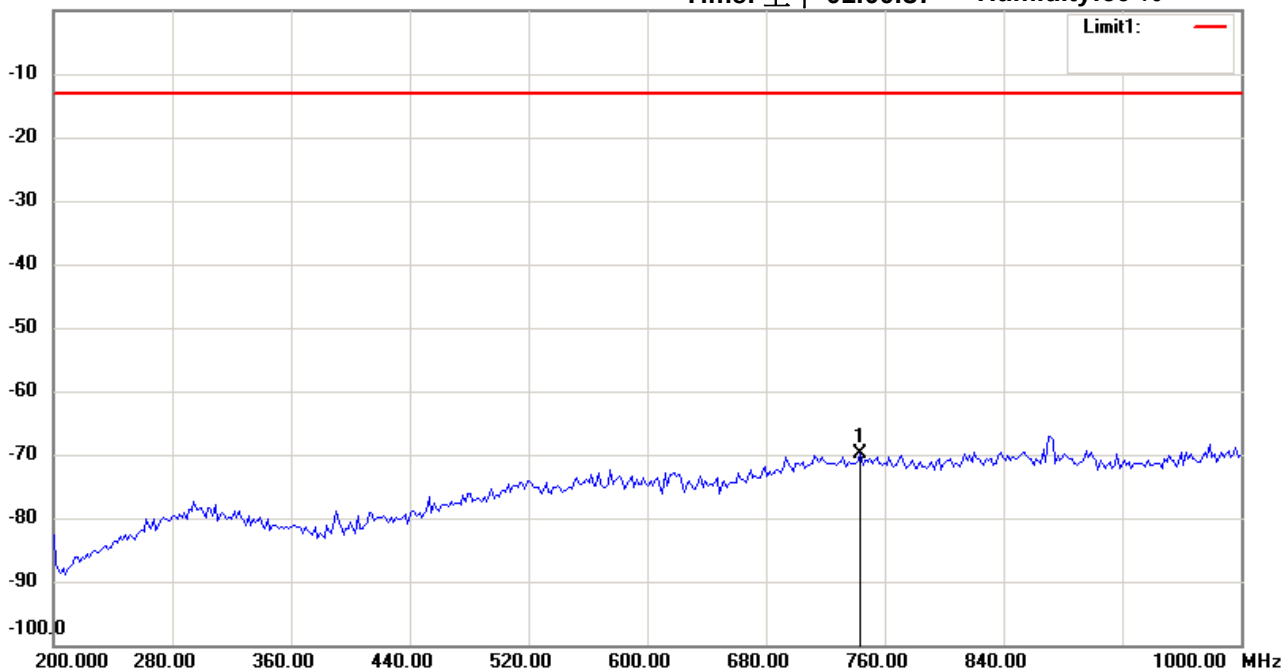
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:00:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	743.4870	-101.90	peak	32.03	-69.87	-13.00	150	140	-56.87	

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



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

Operator: Robert

File :3

Data :#4

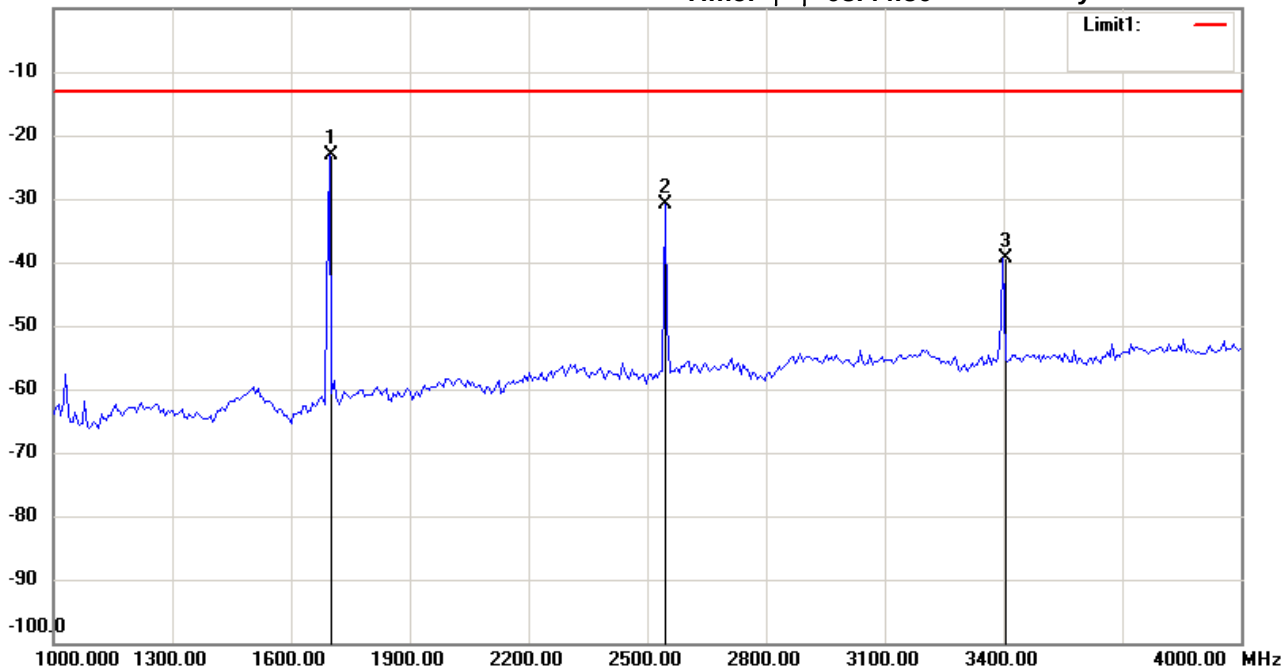
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:44:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1697.395	-23.74	peak	0.67	-23.07	-13.00	150	290	-10.07	
	2545.090	-36.02	peak	5.10	-30.92	-13.00	150	140	-17.92	
	3398.798	-47.03	peak	7.70	-39.33	-13.00	150	230	-26.33	

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



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :3

Data :#5

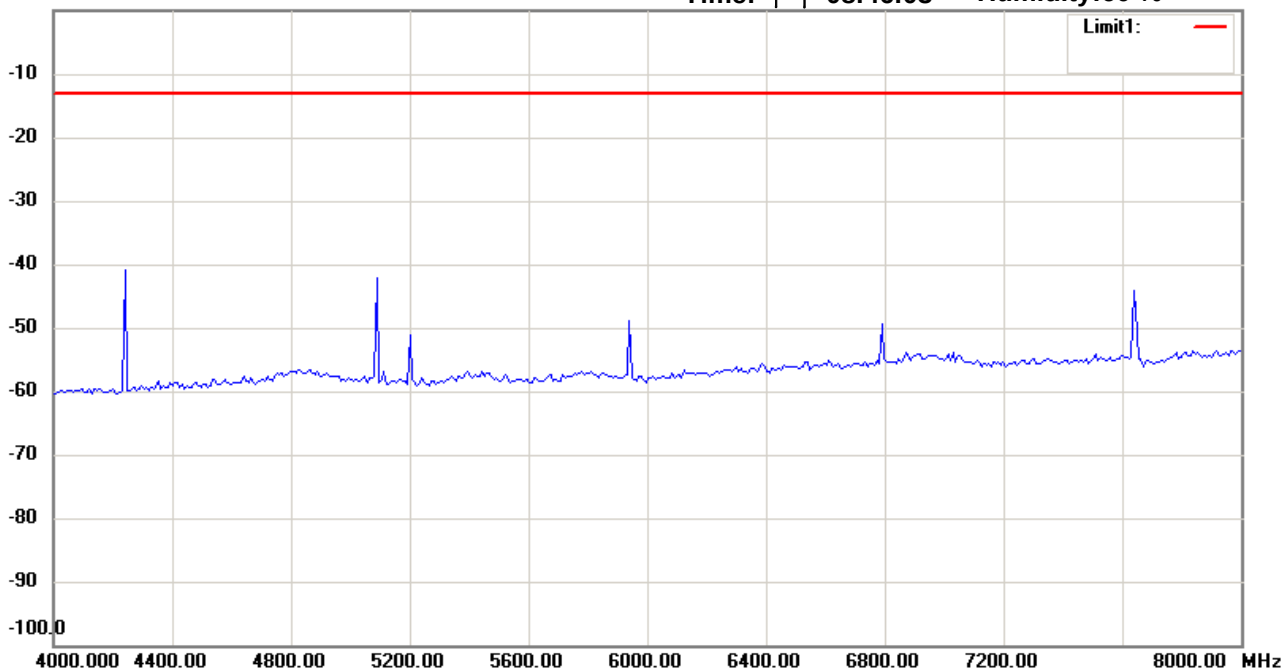
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:46:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

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

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



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

Operator: Robert

File :3

Data :#6

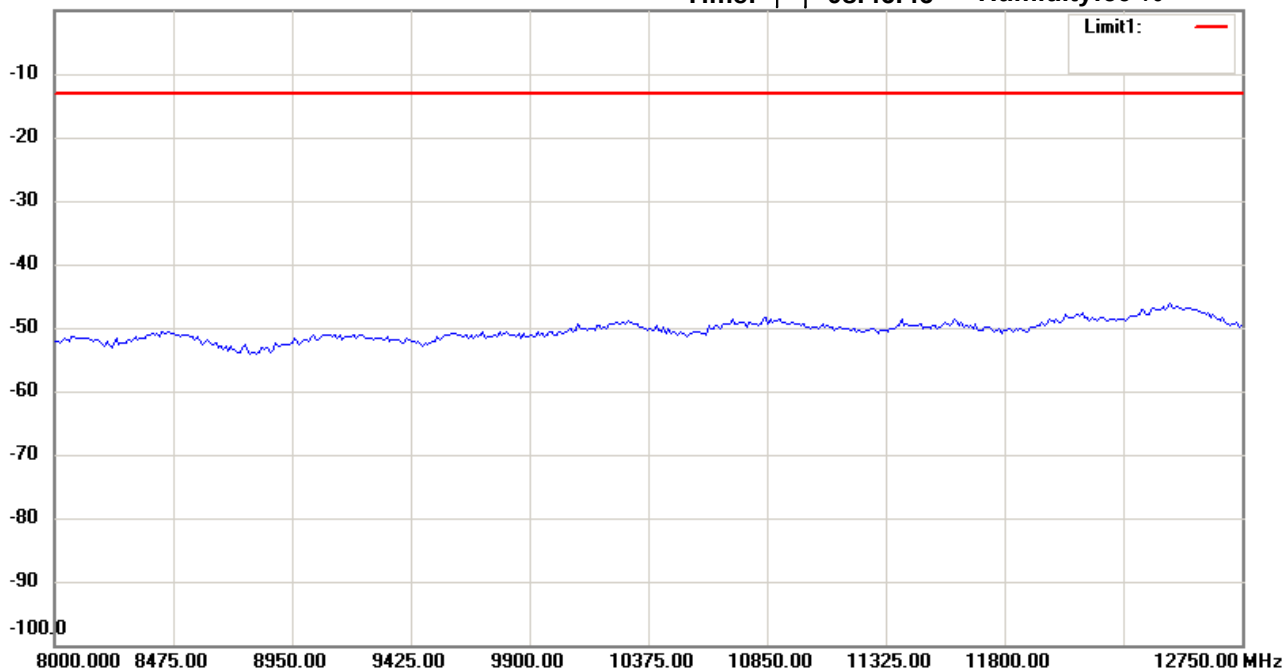
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 08:46:46

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : GSM850 CH251 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Leon

File :1

Data :#1

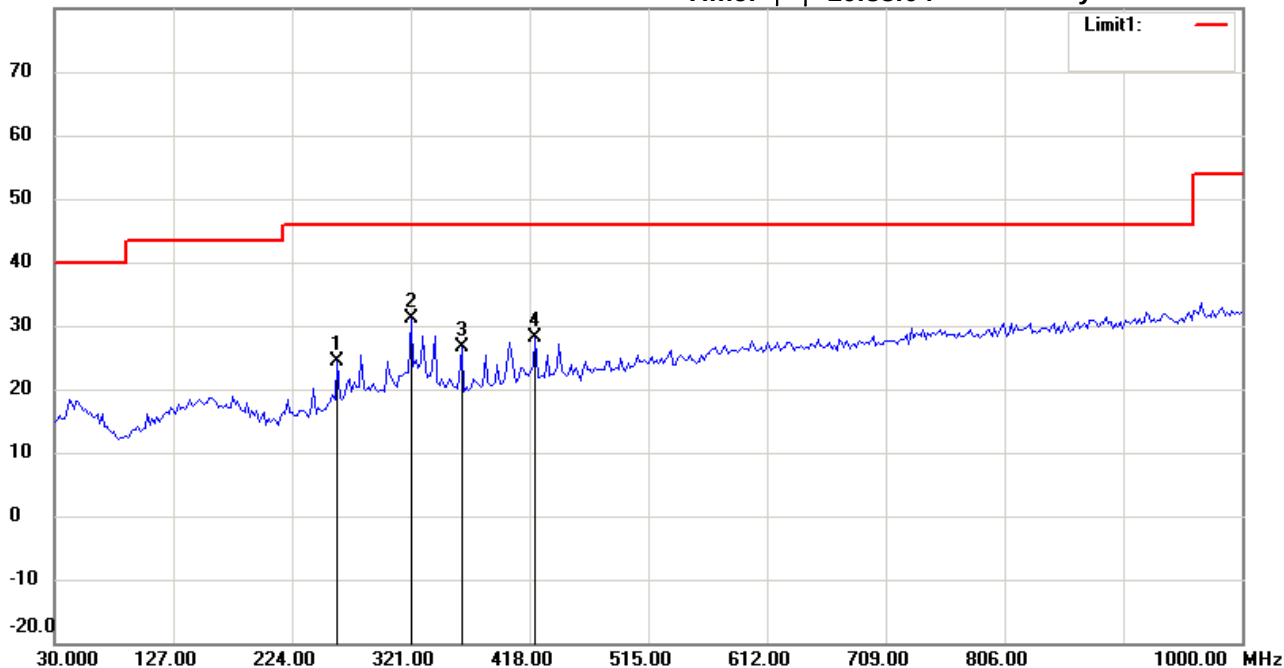
Date: 2014/12/9

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:33:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6M21412-14663

M/N:

Test Mode : GSM 850 IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	261.3226	9.57	peak	14.71	24.28	46.00	100	85	-21.72	
*	321.5831	14.56	peak	16.53	31.09	46.00	100	50	-14.91	
	362.4048	9.15	peak	17.52	26.67	46.00	100	130	-19.33	
	422.6653	8.87	peak	19.35	28.22	46.00	100	170	-17.78	

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



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

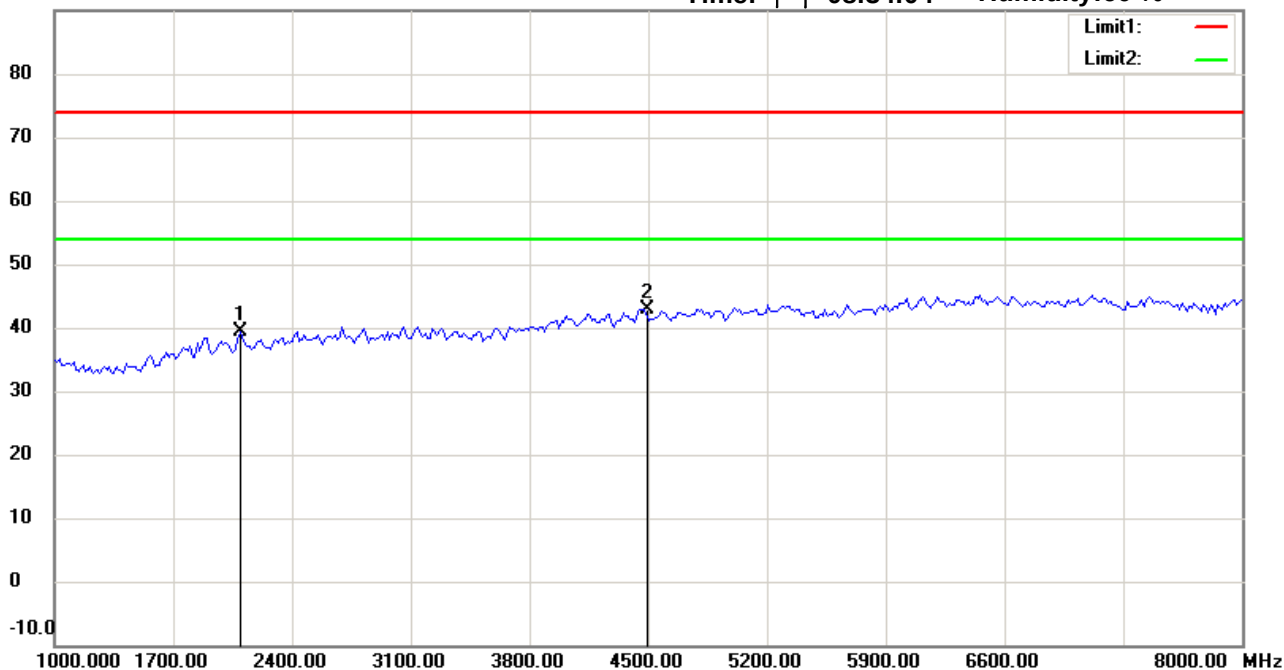
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:34:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : GSM 850 IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2094.188	45.08	peak	-5.78	39.30	74.00	100	175	-34.70	
*	4478.958	43.12	peak	-0.18	42.94	74.00	100	120	-31.06	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

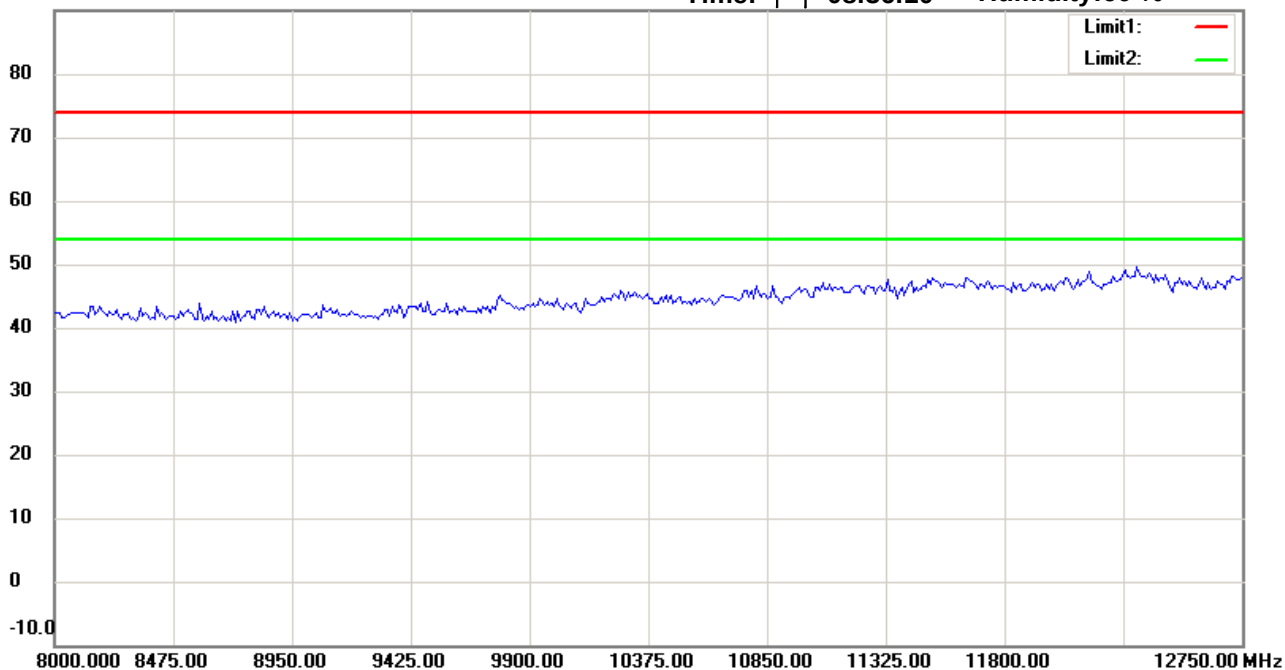
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:36:10

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : GSM 850 IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :1

Data :#2

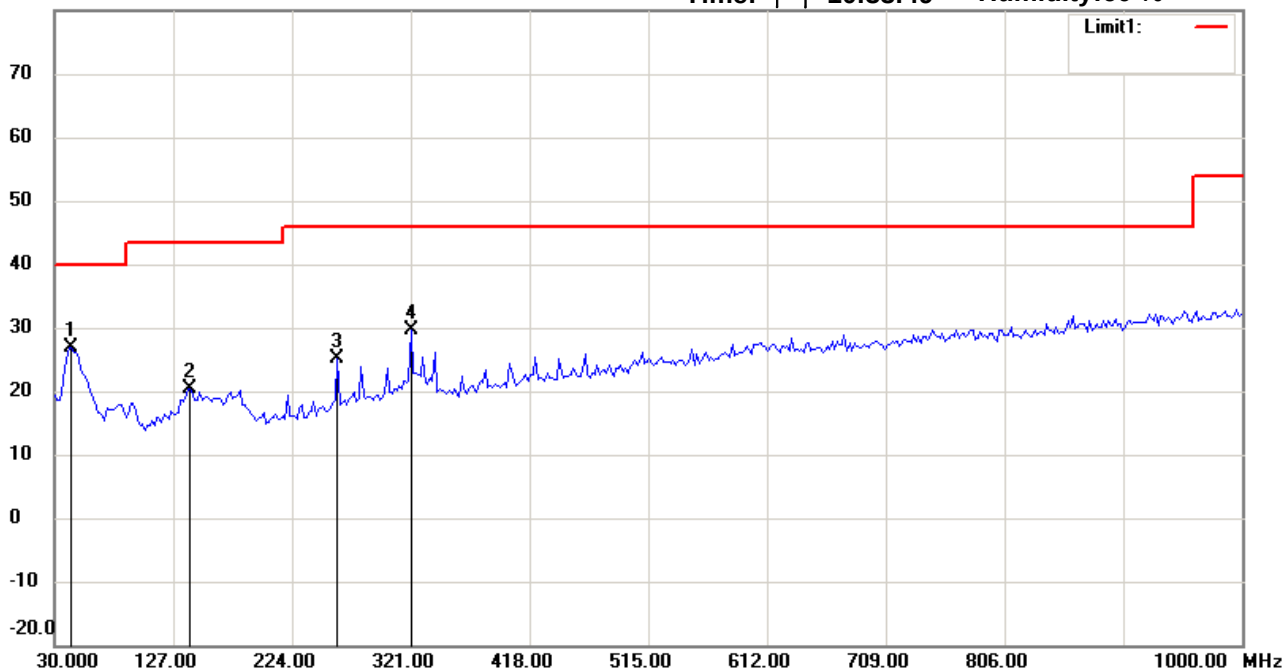
Date: 2014/12/9

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:33:49

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6M21412-14663

M/N:

Test Mode : GSM 850 IDLE

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	43.6072	12.93	peak	14.05	26.98	40.00	100	175	-13.02	
	140.8015	5.55	peak	14.95	20.50	43.50	100	125	-23.00	
	261.3226	10.32	peak	14.71	25.03	46.00	100	40	-20.97	
	321.5832	12.98	peak	16.53	29.51	46.00	100	160	-16.49	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

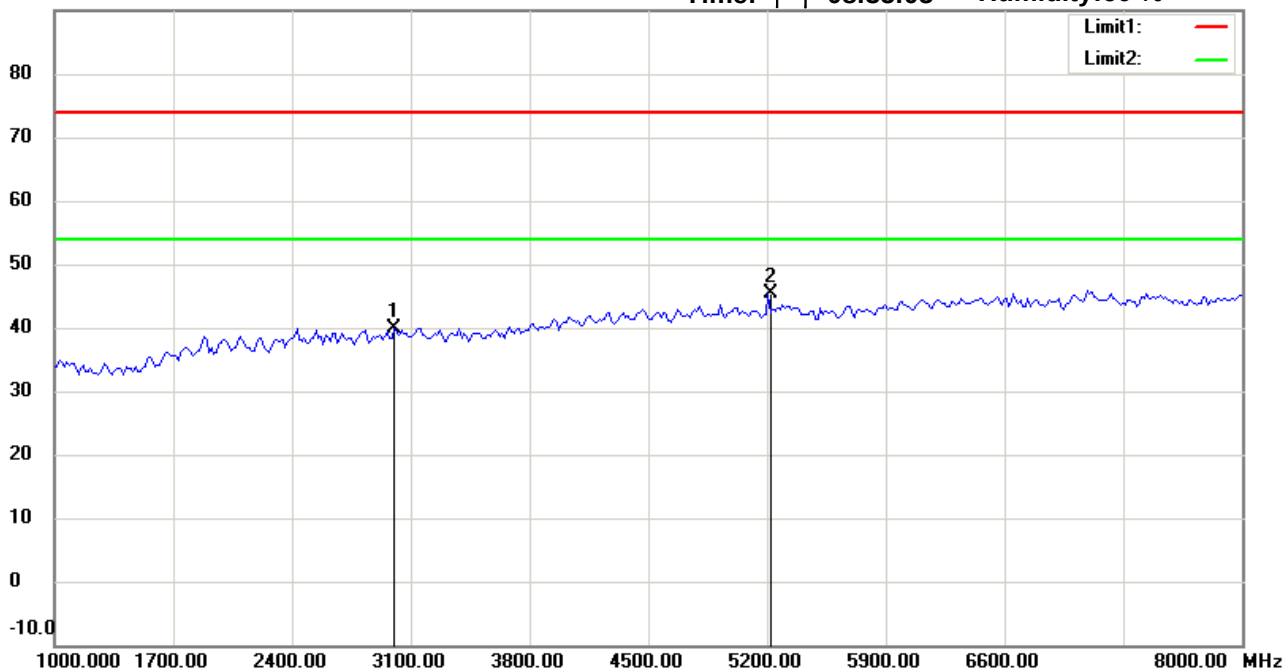
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:35:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : GSM 850 IDLE

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	3006.012	43.34	peak	-3.54	39.80	74.00	100	130	-34.20	
*	5208.417	43.84	peak	1.55	45.39	74.00	100	145	-28.61	

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



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

Operator: Leon

File :3

Data :#4

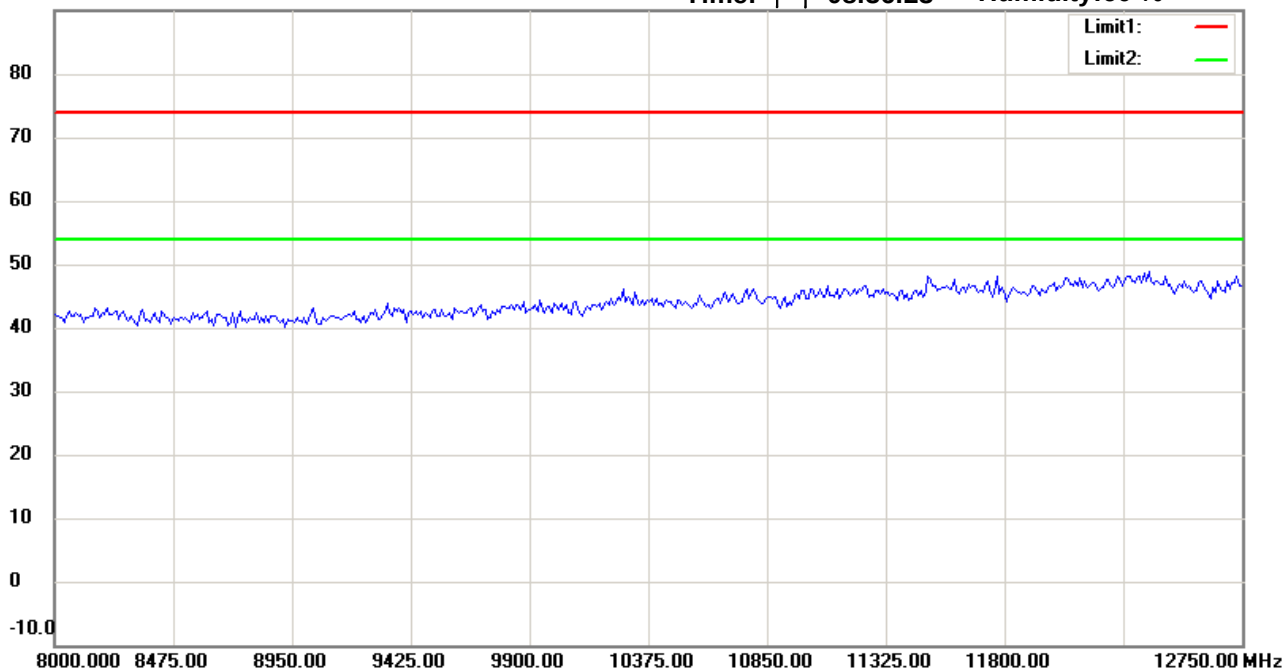
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:36:23

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : GSM 850 IDLE

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Robert

File :1

Data :#2

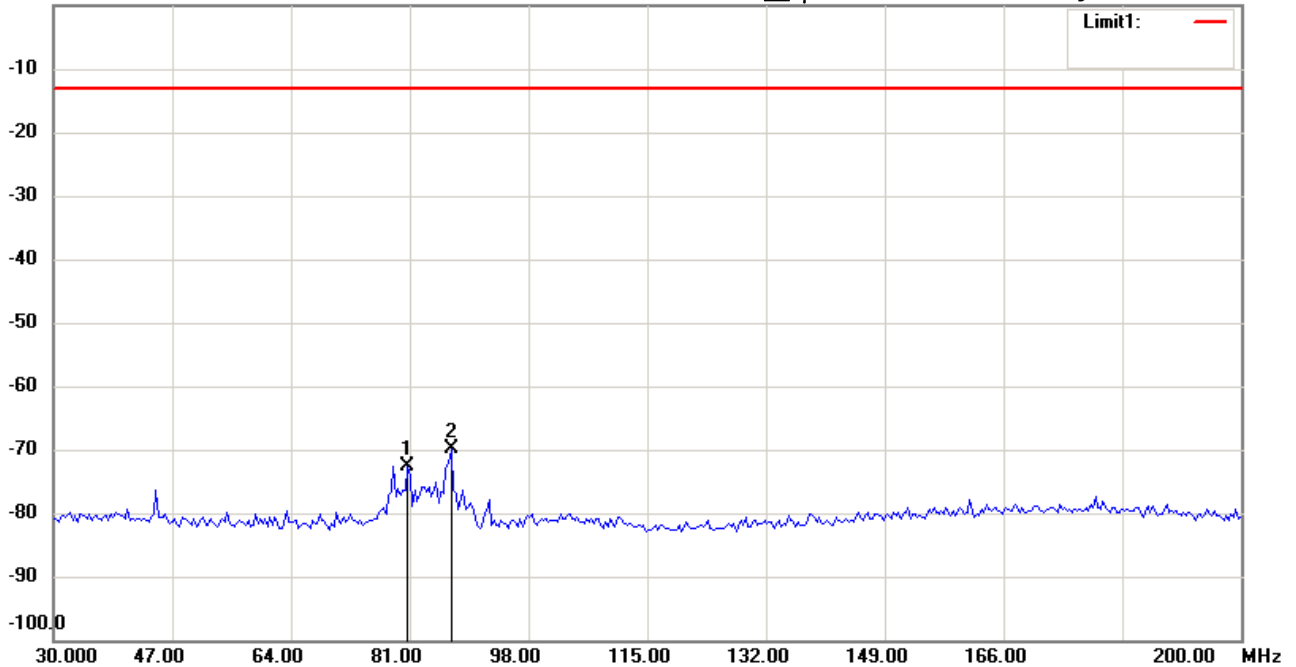
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:30:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	80.7615	-96.77	peak	24.14	-72.63	-13.00	150	200	-59.63	
*	86.8938	-93.23	peak	23.30	-69.93	-13.00	150	90	-56.93	

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



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

Radiated Emission Measurement

Operator: Robert

File :2

Data :#1

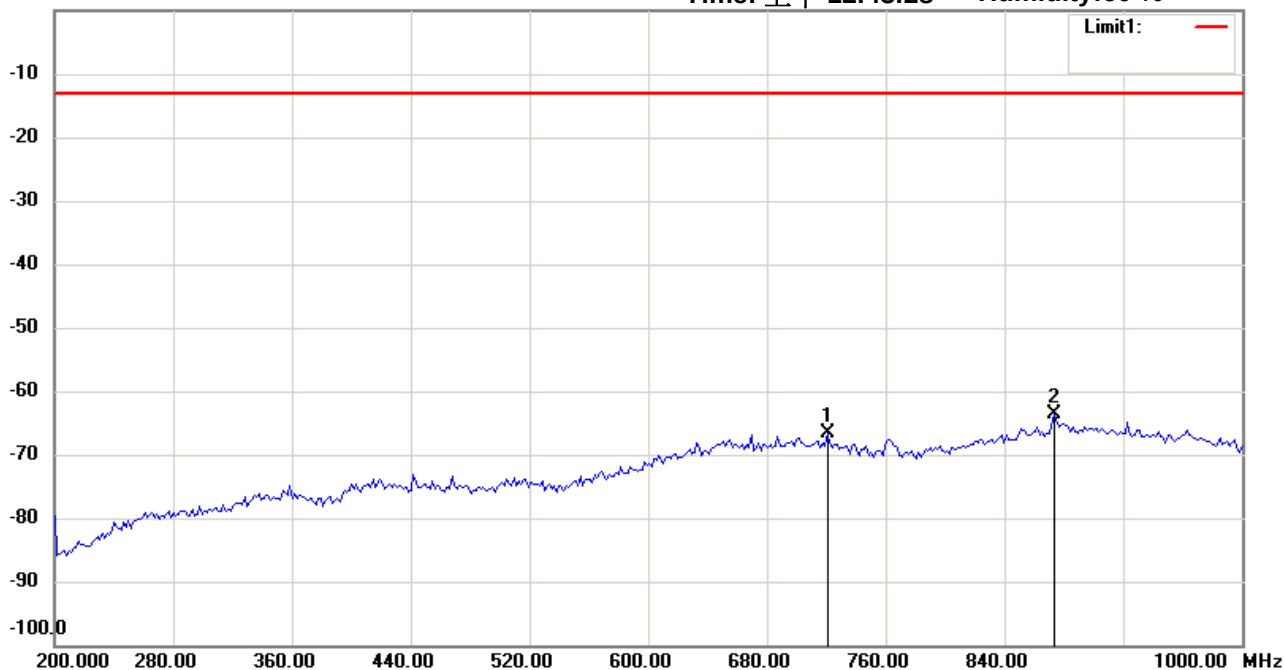
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:43:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	721.0421	-100.25	peak	33.65	-66.60	-13.00	150	130	-53.60	
*	873.3467	-99.22	peak	35.69	-63.53	-13.00	150	60	-50.53	

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



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

Operator: Robert

File :3

Data :#1

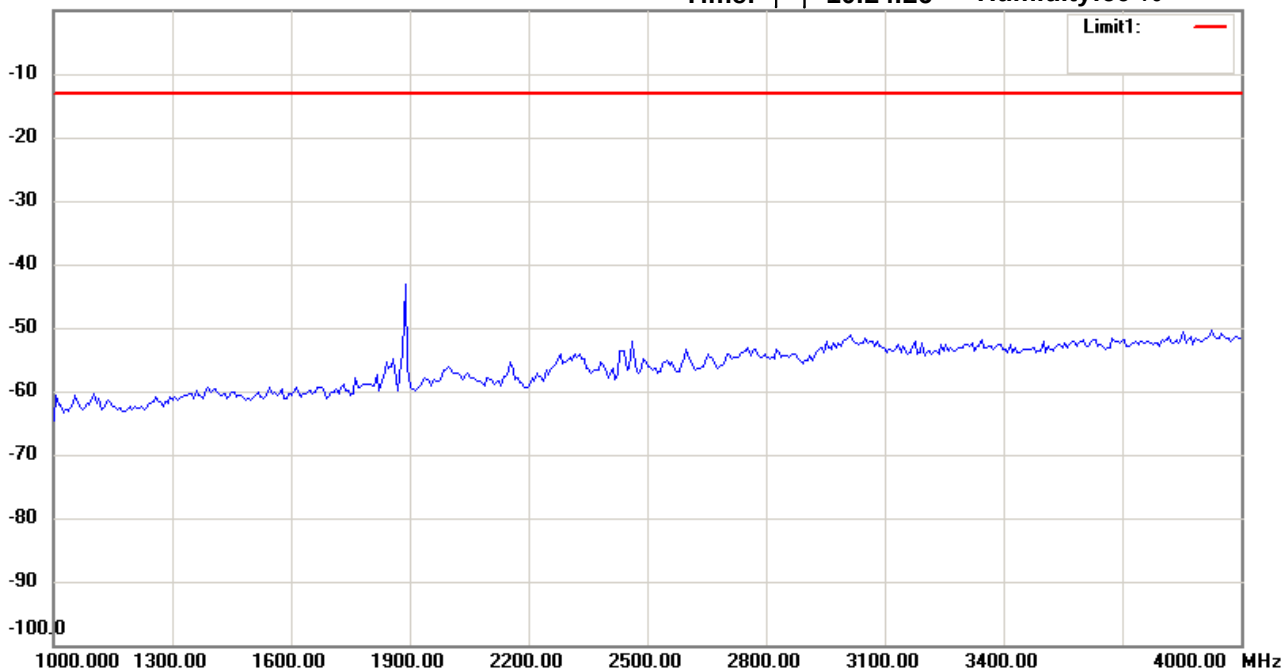
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:24:26

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :3

Data :#2

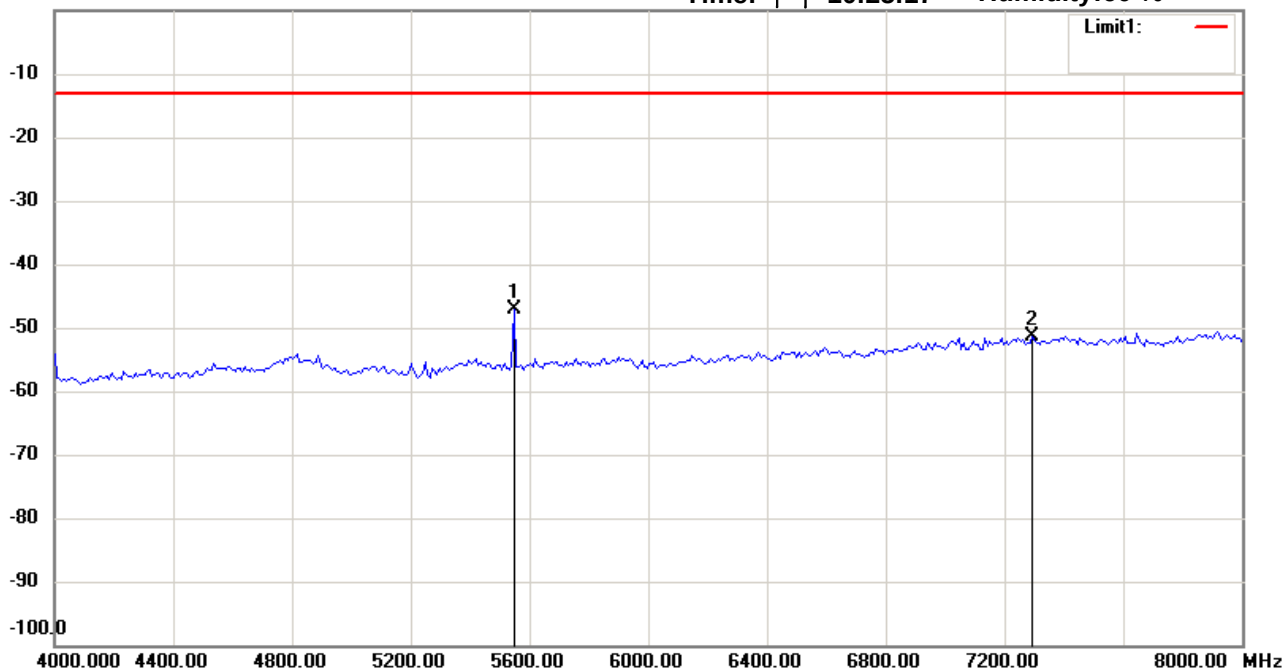
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:25:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	5547.094	-59.58	peak	12.34	-47.24	-13.00	150	130	-34.24	
	7294.589	-64.26	peak	12.85	-51.41	-13.00	150	320	-38.41	

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



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

Operator: Robert

File :3

Data :#3

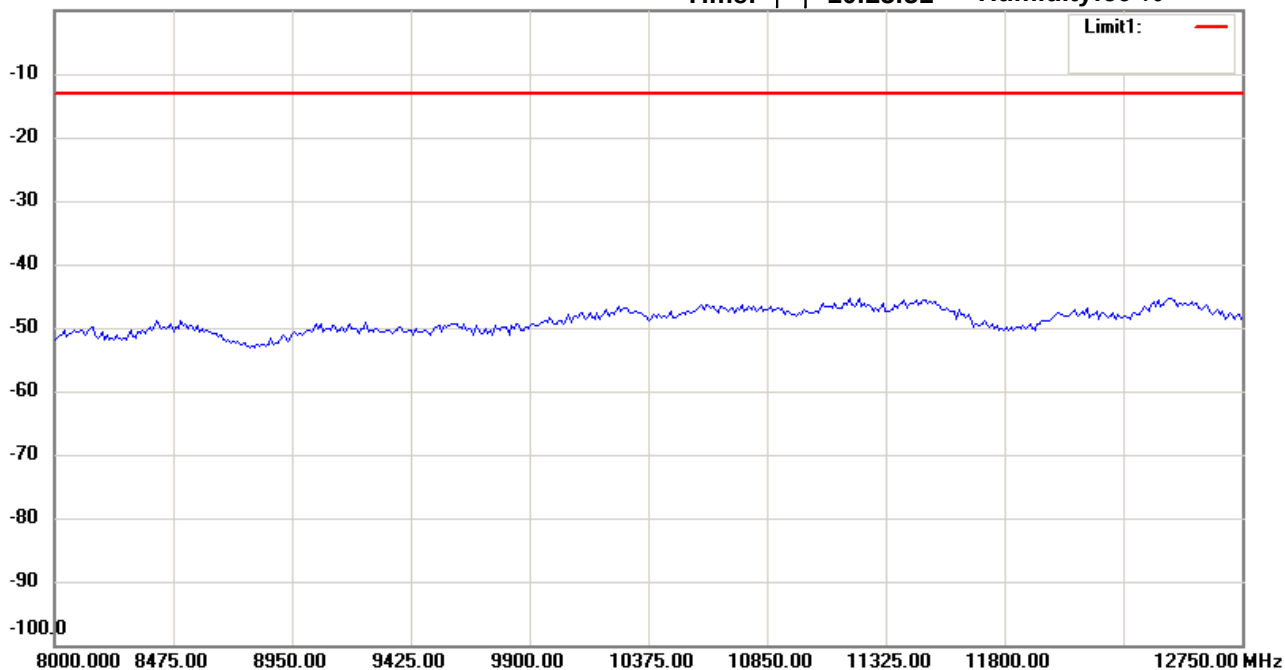
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:25:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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

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



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

Operator: Robert

File :1

Data :#1

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:25:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	46.6934	-96.55	peak	22.94	-73.61	-13.00	150	30	-60.61	
*	77.6954	-94.02	peak	23.87	-70.15	-13.00	150	140	-57.15	

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



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Radiated Emission Measurement

Operator: Robert

File :2

Data :#2

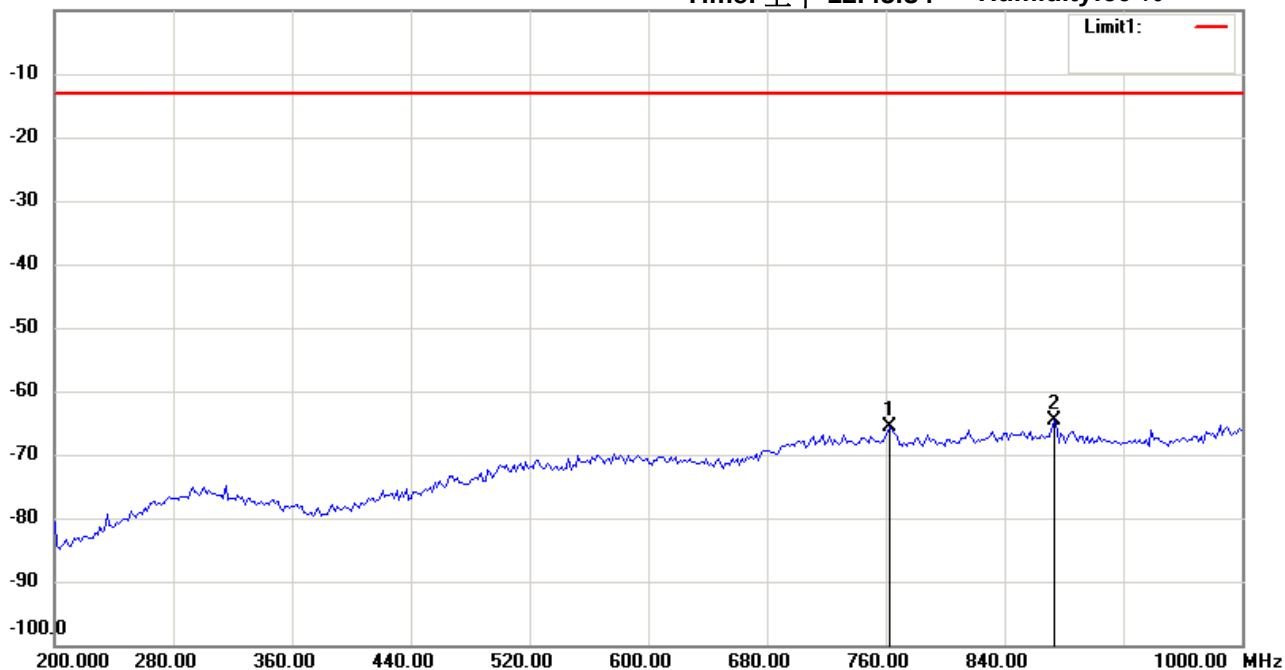
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:45:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	762.7255	-99.92	peak	34.28	-65.64	-13.00	150	100	-52.64	
*	873.3467	-99.42	peak	34.72	-64.70	-13.00	150	150	-51.70	

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#4

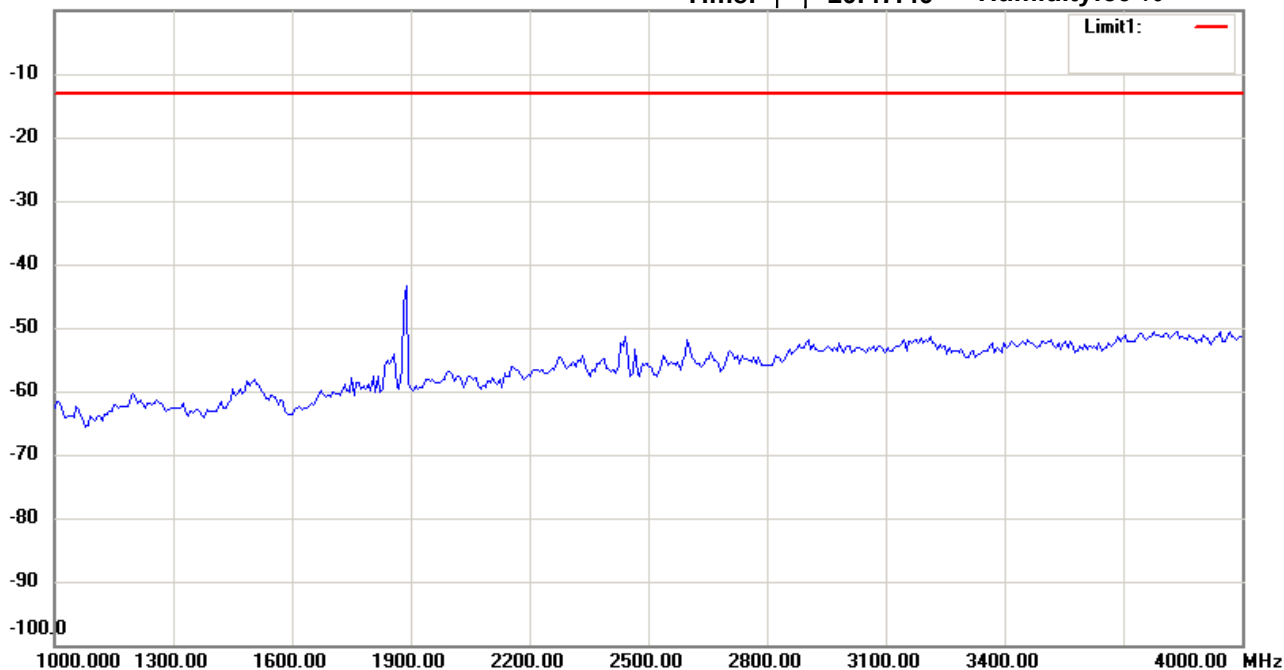
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:47:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#5

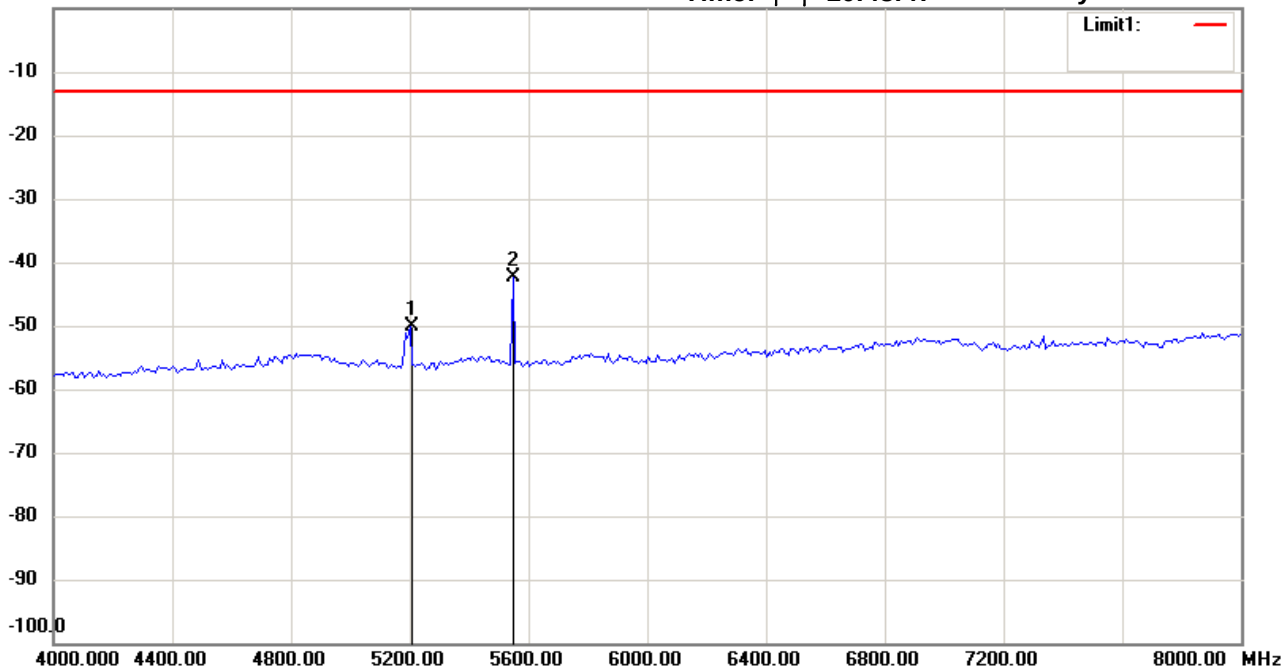
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:48:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5202.405	-61.33	peak	11.19	-50.14	-13.00	150	210	-37.14	
*	5547.094	-55.04	peak	12.59	-42.45	-13.00	150	140	-29.45	

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



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

Operator: Robert

File :3

Data :#6

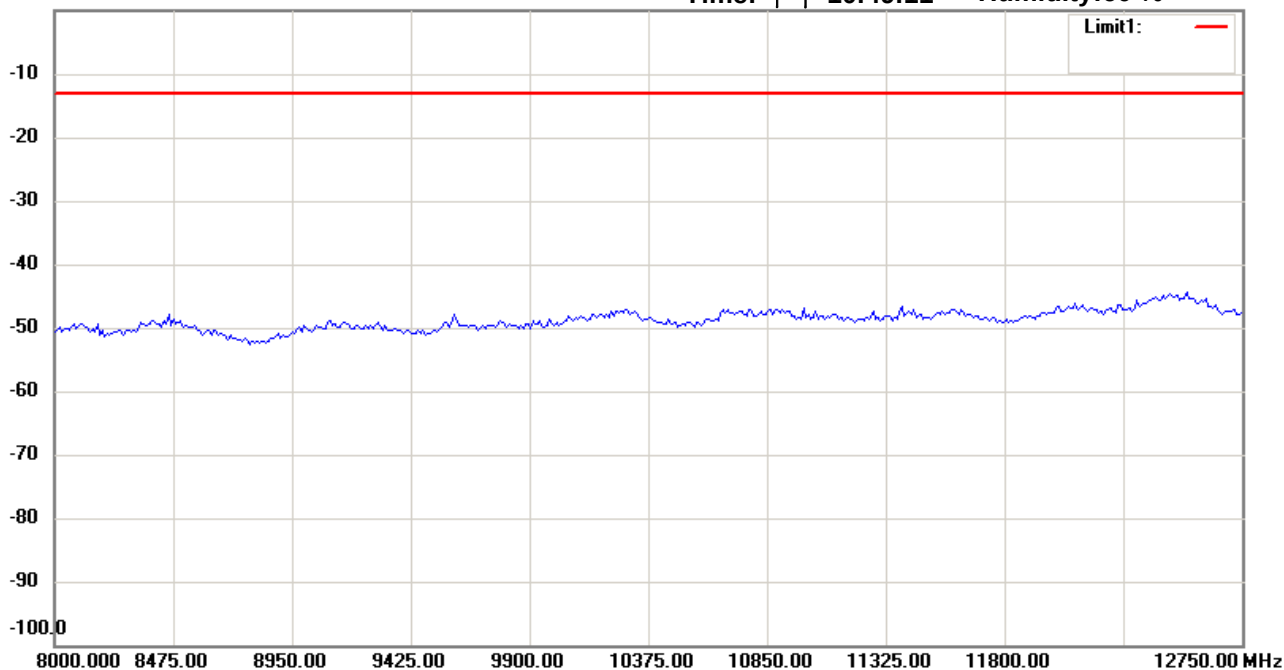
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:49:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH512 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :1

Data :#2

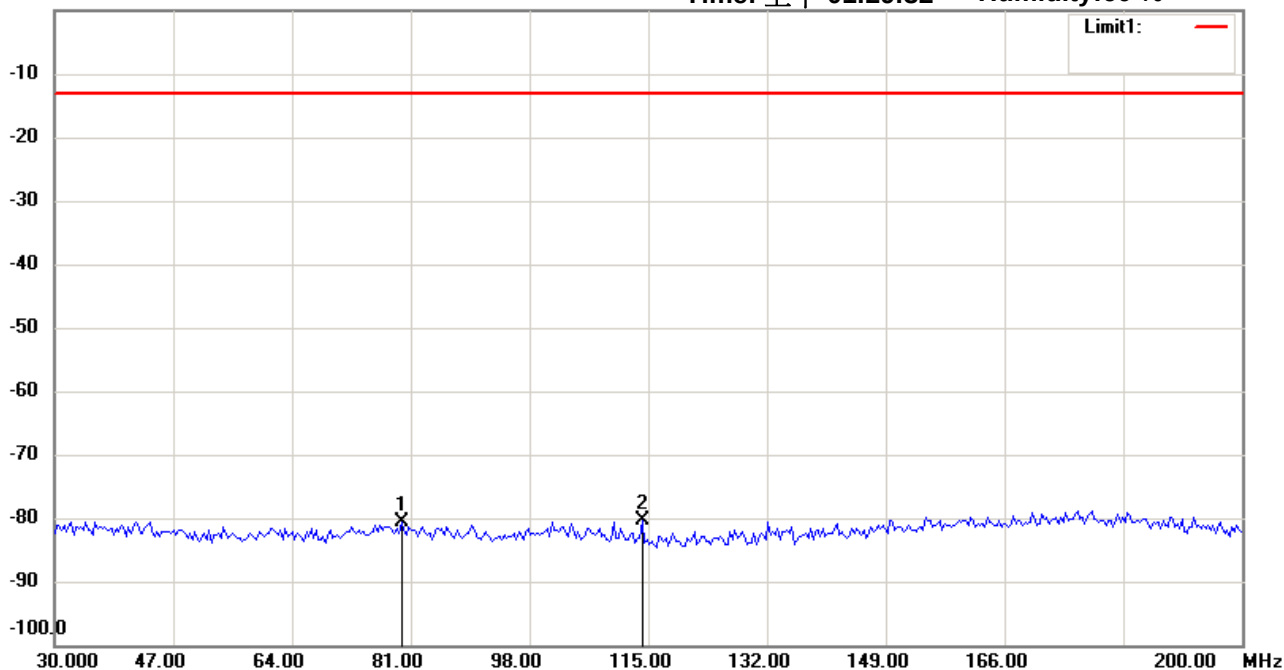
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:29:32

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	79.7395	-104.94	peak	24.21	-80.73	-13.00	150	230	-67.73	
*	114.1483	-102.89	peak	22.63	-80.26	-13.00	150	200	-67.26	

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



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

Operator: Robert

File :2

Data :#2

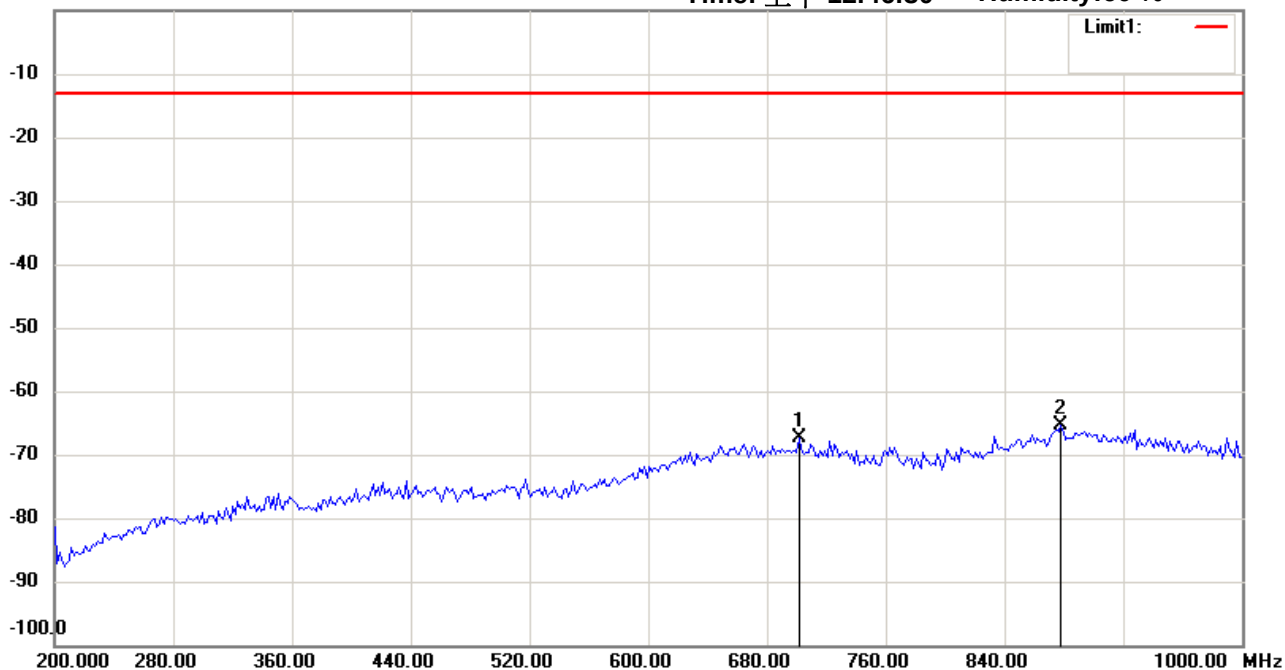
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:46:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: **Horizontal**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	701.8036	-101.77	peak	34.47	-67.30	-13.00	150	30	-54.30	
*	878.1563	-101.29	peak	35.84	-65.45	-13.00	150	170	-52.45	

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



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

Operator: Robert

File :3

Data :#1

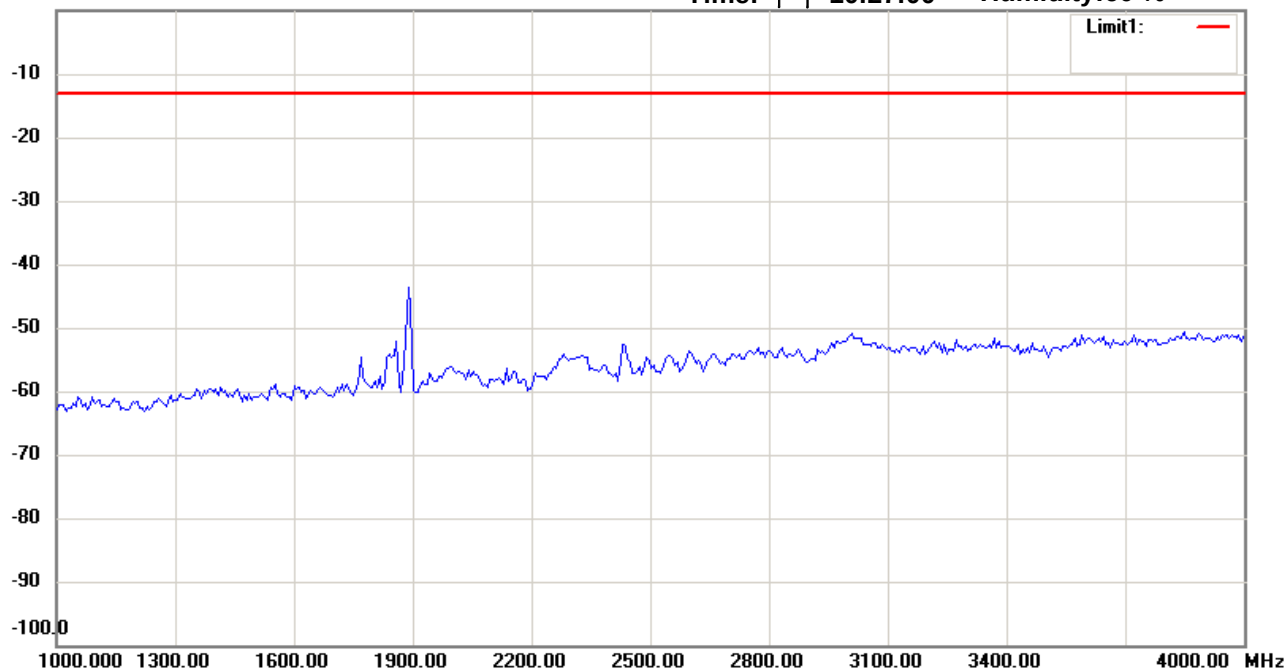
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:27:00

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :3

Data :#2

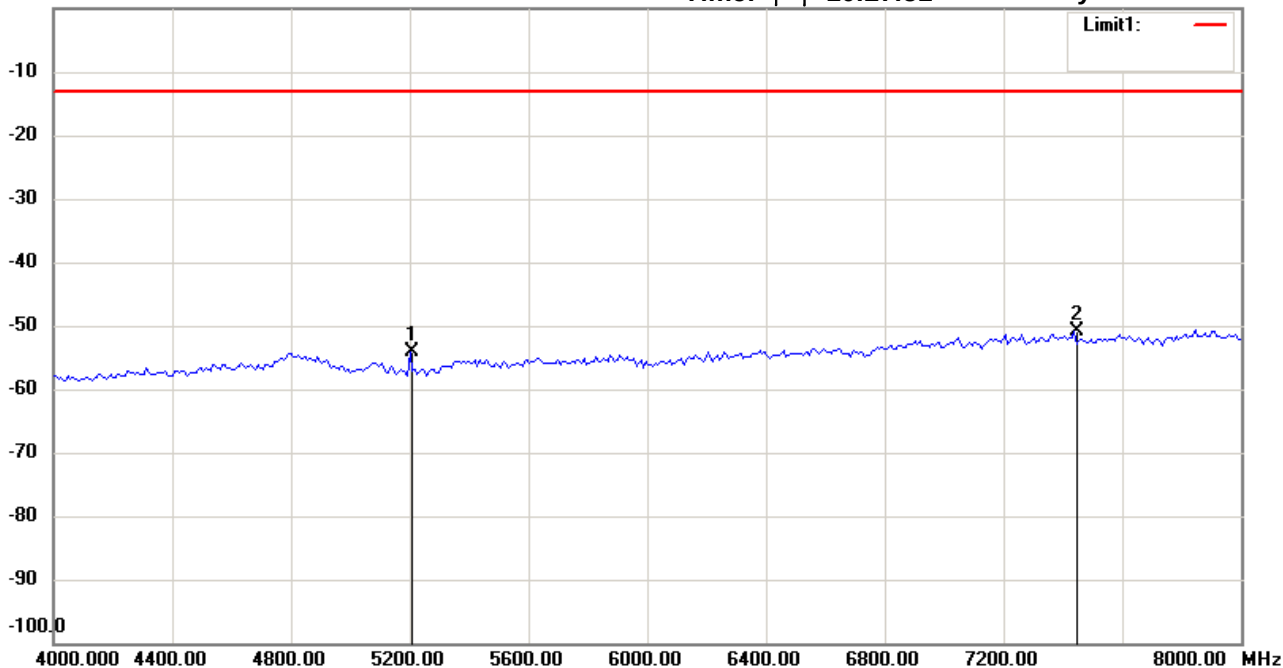
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:27:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5202.405	-64.42	peak	10.21	-54.21	-13.00	150	170	-41.21	
*	7438.878	-63.60	peak	12.74	-50.86	-13.00	150	200	-37.86	

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



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

Operator: Robert

File :3

Data :#3

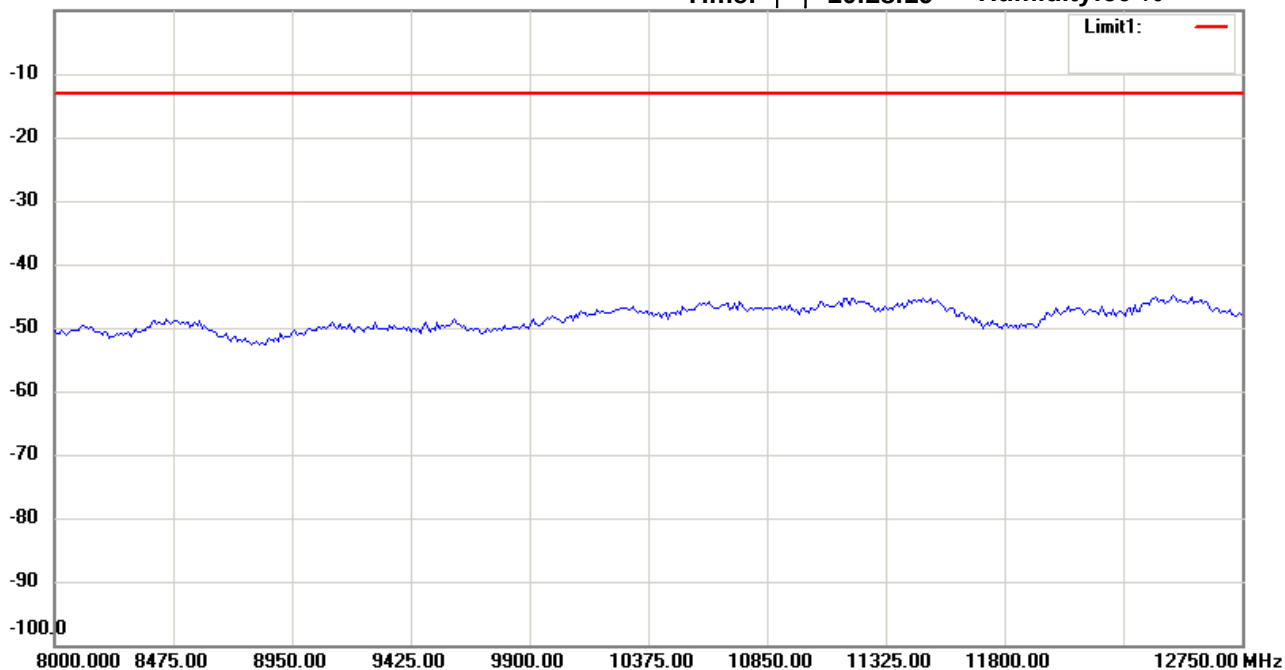
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:28:19

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :1

Data :#1

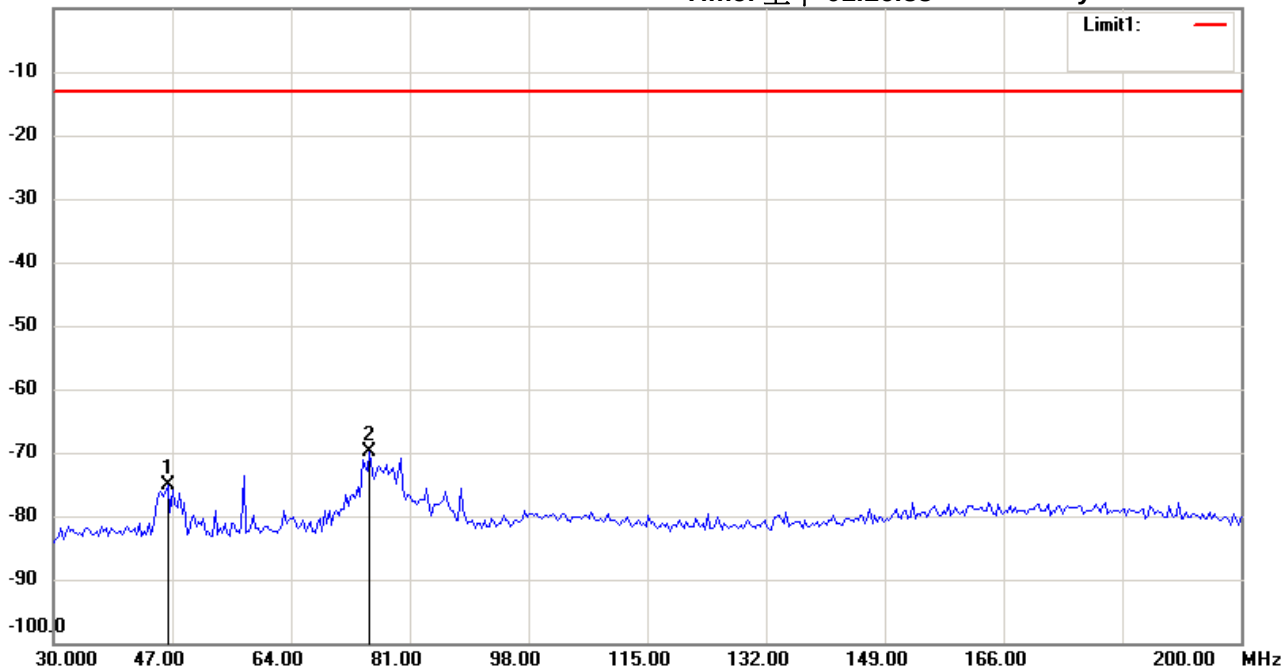
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:26:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	46.3527	-98.10	peak	22.97	-75.13	-13.00	150	150	-62.13	
*	75.3106	-93.27	peak	23.49	-69.78	-13.00	150	30	-56.78	

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



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

Operator: Robert

File :2

Data :#1

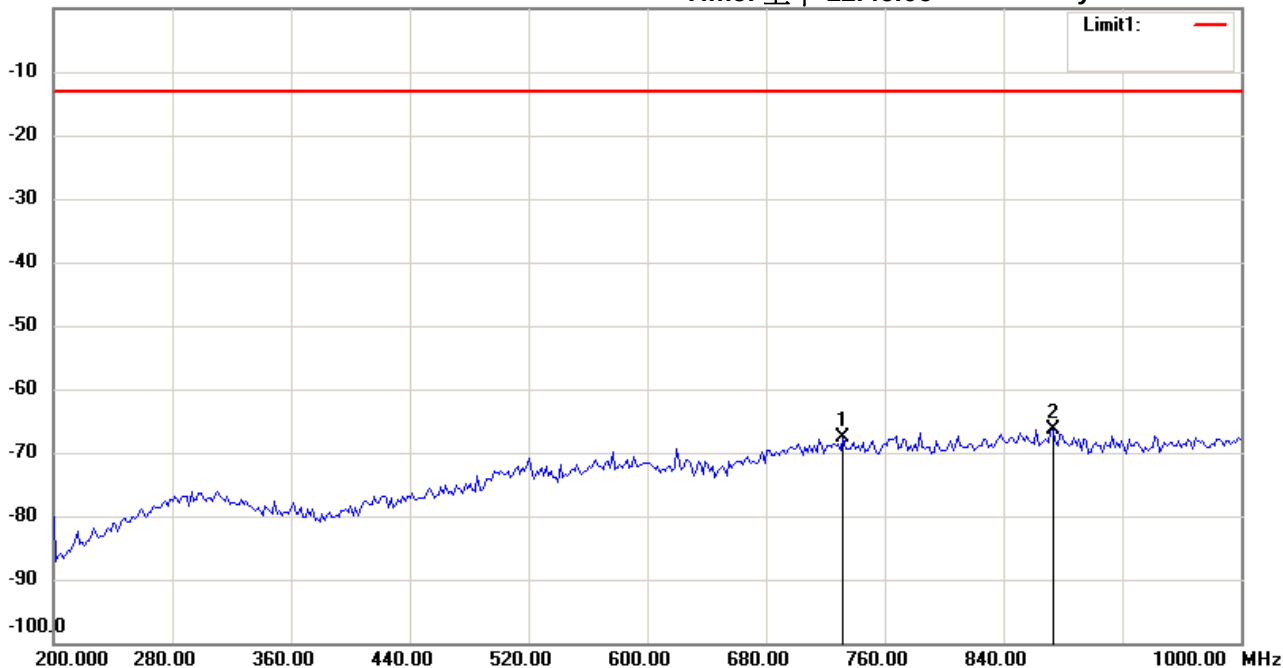
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:46:06

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	732.2645	-101.72	peak	34.20	-67.52	-13.00	150	200	-54.52	
*	873.3467	-100.99	peak	34.72	-66.27	-13.00	150	140	-53.27	

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



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

Operator: Robert

File :3

Data :#4

Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:45:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :3

Data :#5

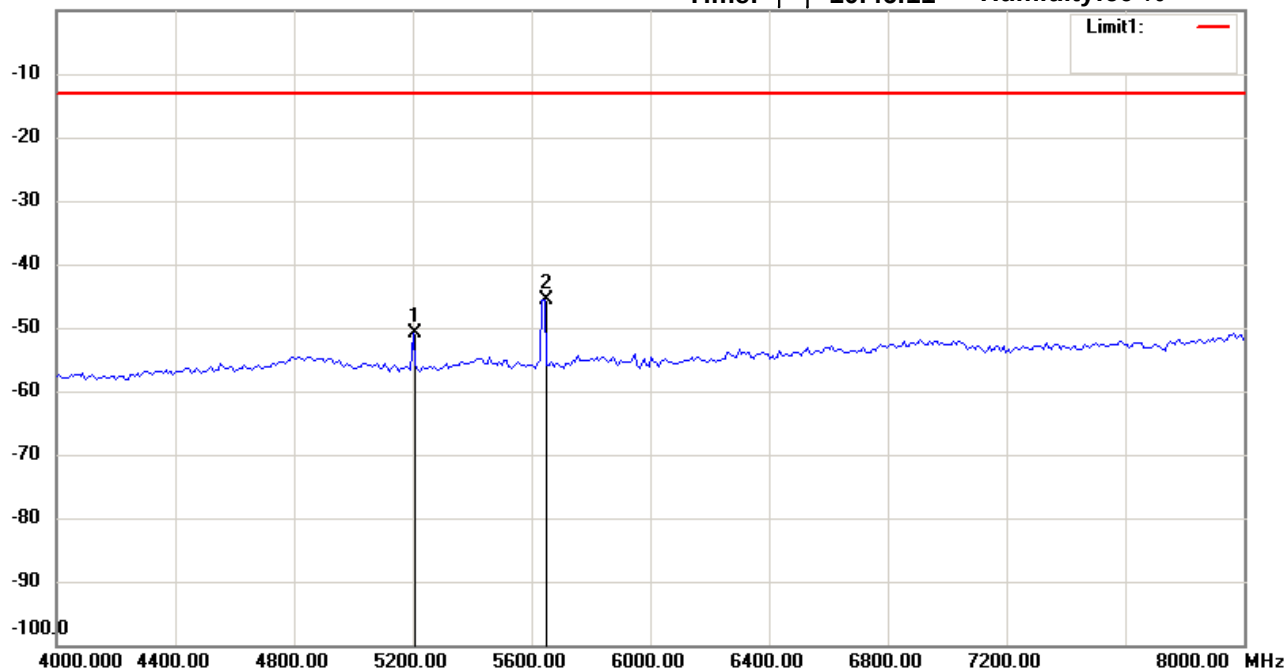
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:46:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5202.405	-62.07	peak	11.19	-50.88	-13.00	150	140	-37.88	
*	5643.287	-57.77	peak	12.14	-45.63	-13.00	150	290	-32.63	

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



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

Operator: Robert

File :3

Data :#6

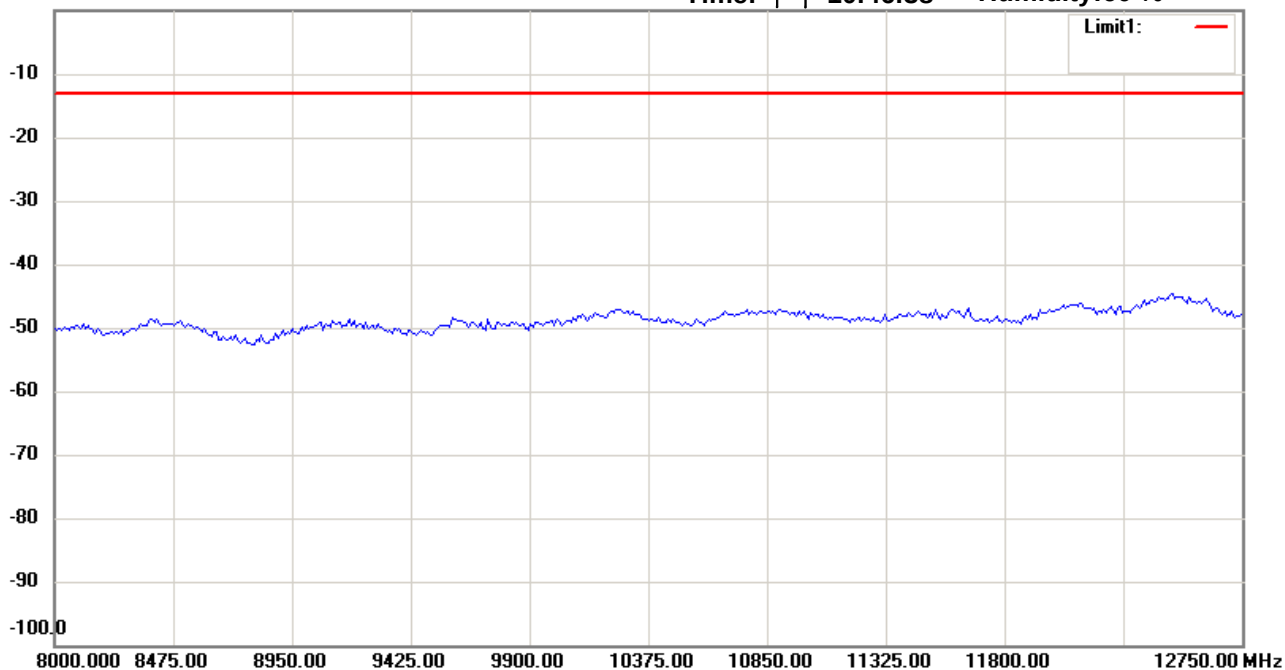
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:46:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH661 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :1

Data :#2

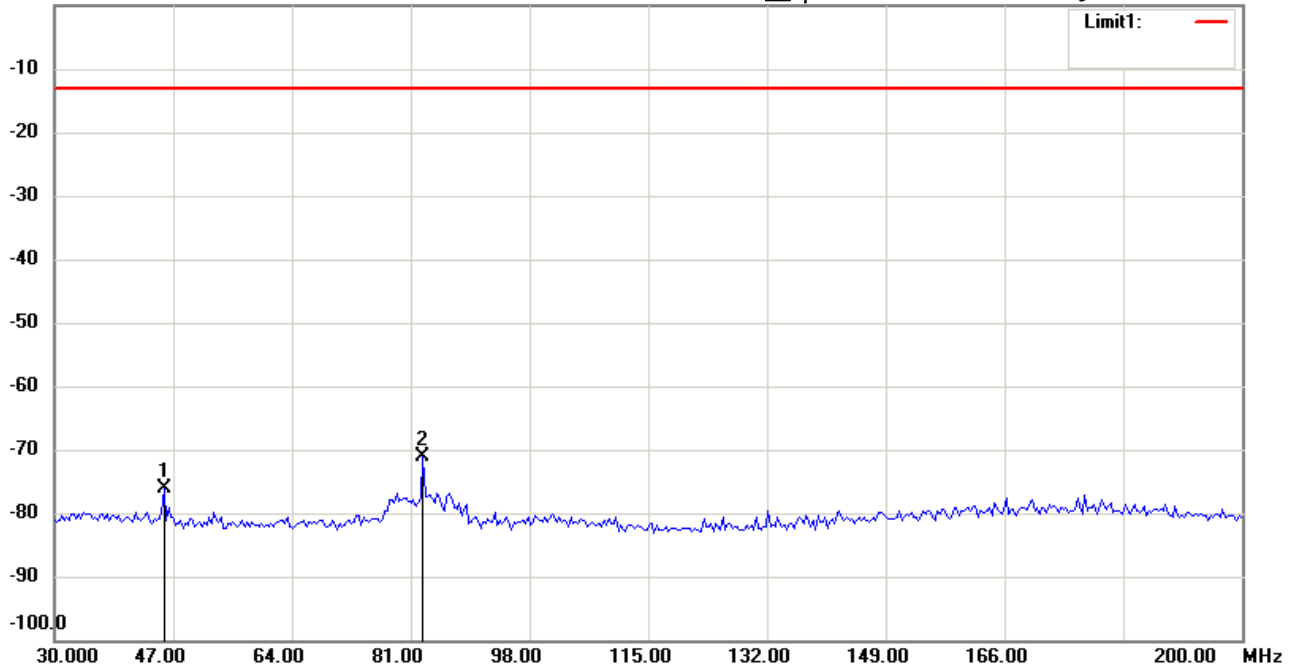
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:29:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	45.6713	-100.41	peak	24.34	-76.07	-13.00	150	200	-63.07	
*	82.8055	-94.87	peak	23.86	-71.01	-13.00	150	140	-58.01	

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



Radiated Emission Measurement

Operator: Robert

File :2

Data :#1

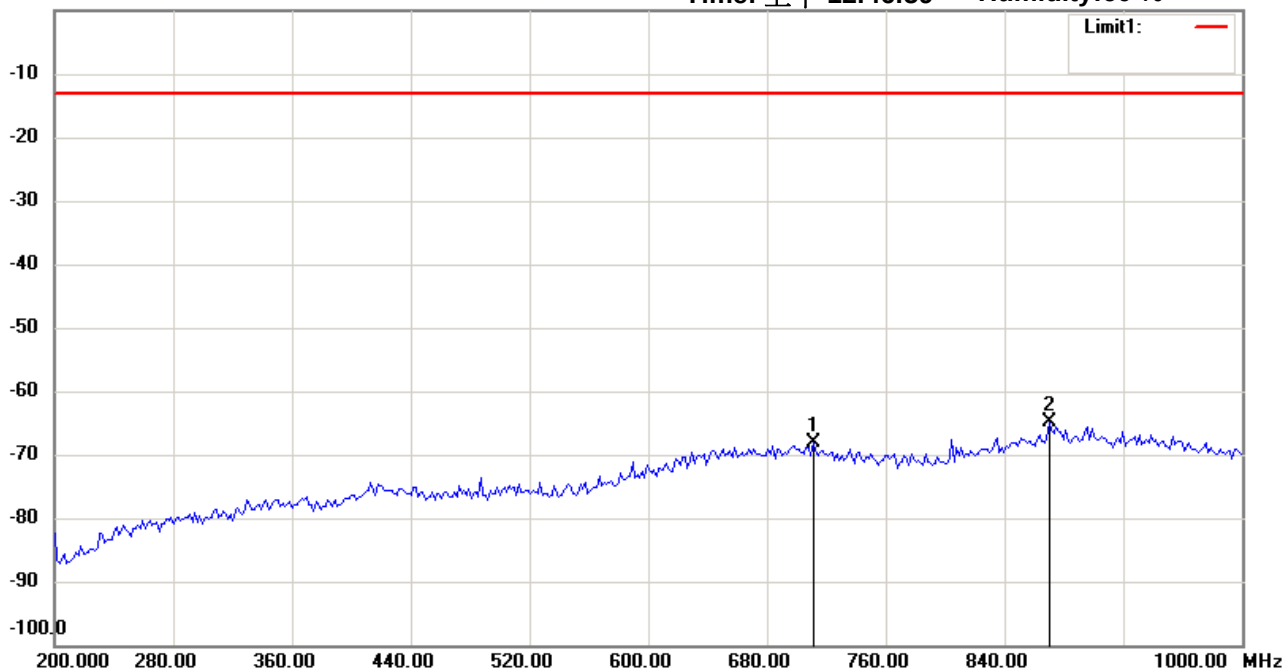
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:46:59

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	711.4228	-102.21	peak	34.06	-68.15	-13.00	150	200	-55.15	
*	870.1403	-100.47	peak	35.60	-64.87	-13.00	150	130	-51.87	



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Radiated Emission Measurement

Operator: Robert

File :3

Data :#1

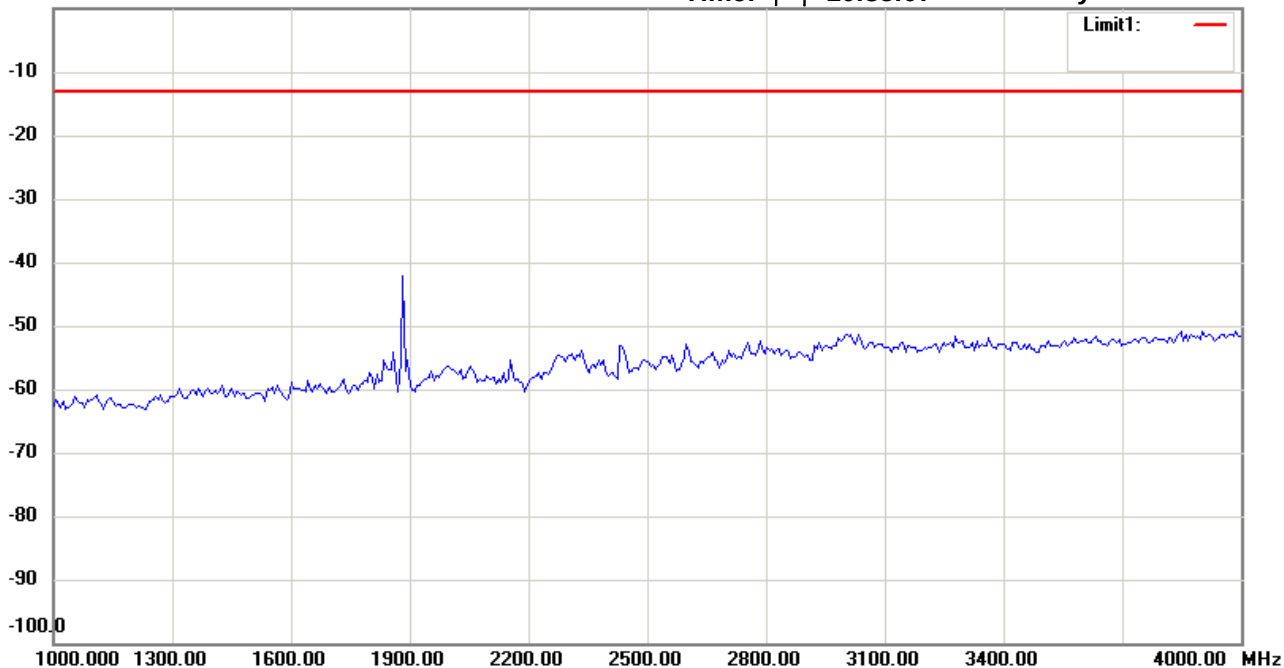
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:35:07

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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Radiated Emission Measurement

Operator: Robert

File :3

Data :#2

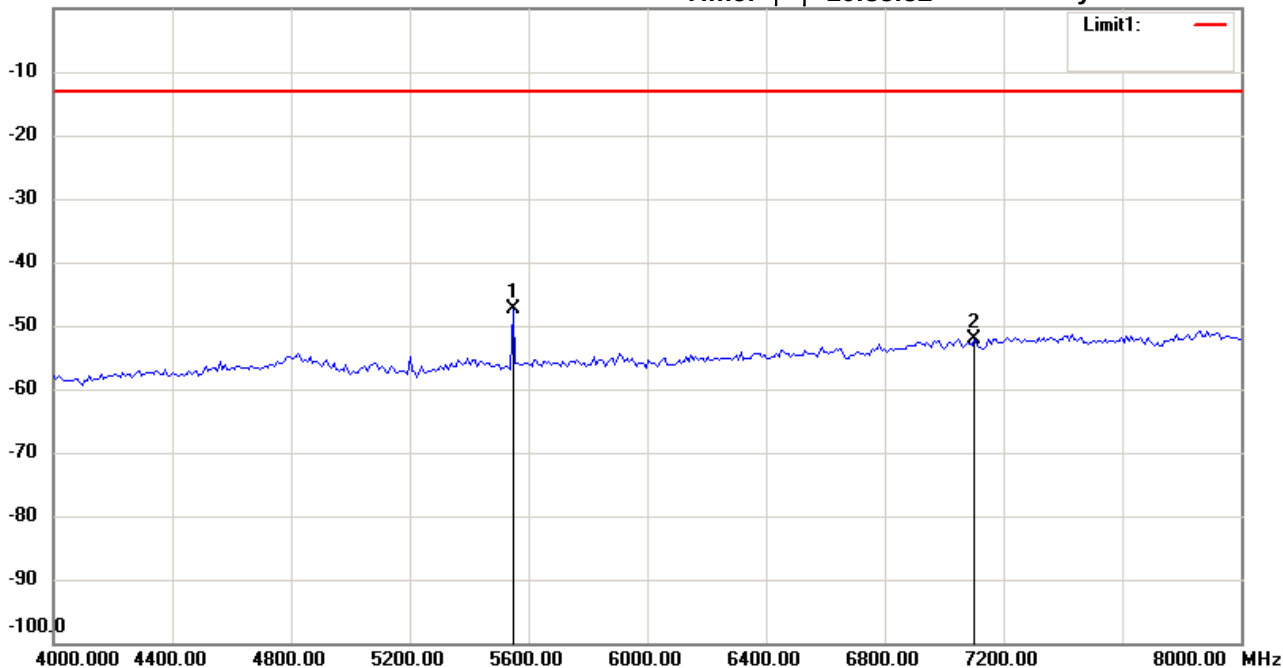
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:35:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	5547.094	-59.77	peak	12.34	-47.43	-13.00	150	170	-34.43	
	7102.204	-65.02	peak	12.98	-52.04	-13.00	150	210	-39.04	

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



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

Operator: Robert

File :3

Data :#3

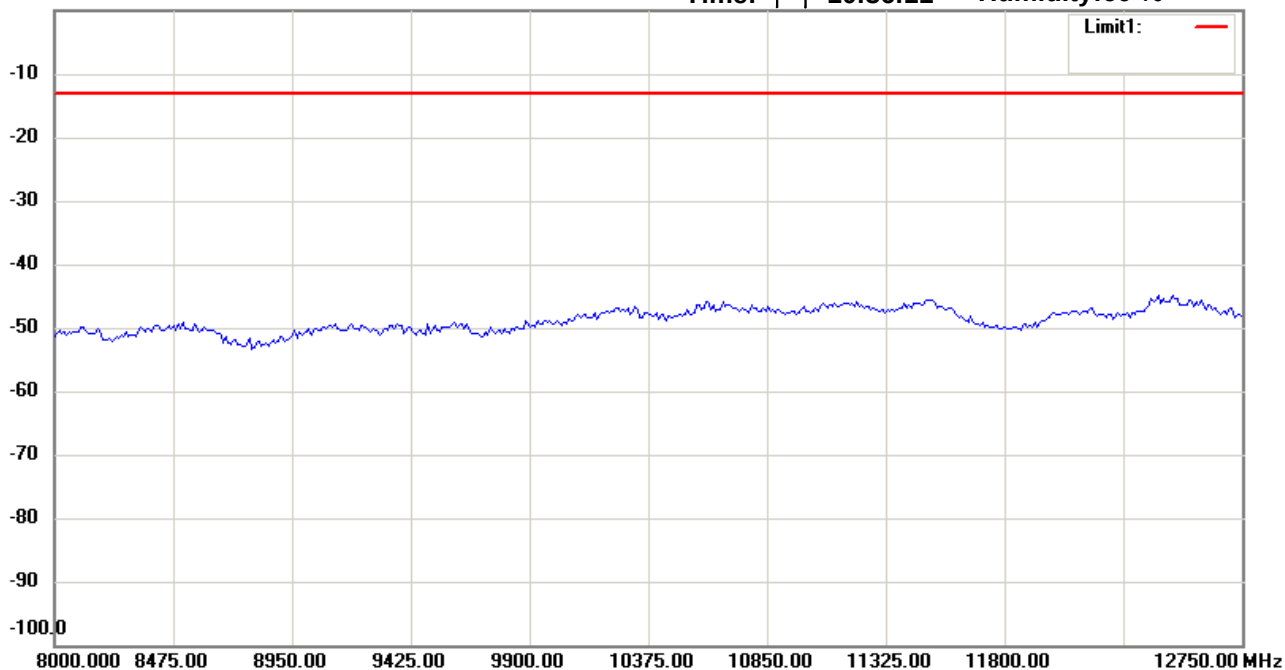
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:36:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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

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



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

Operator: Robert

File :1

Data :#1

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:27:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	47.7154	-97.38	peak	22.83	-74.55	-13.00	150	210	-61.55	
*	77.6954	-91.64	peak	23.87	-67.77	-13.00	150	200	-54.77	

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



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Radiated Emission Measurement

Operator: Robert

File :2

Data :#2

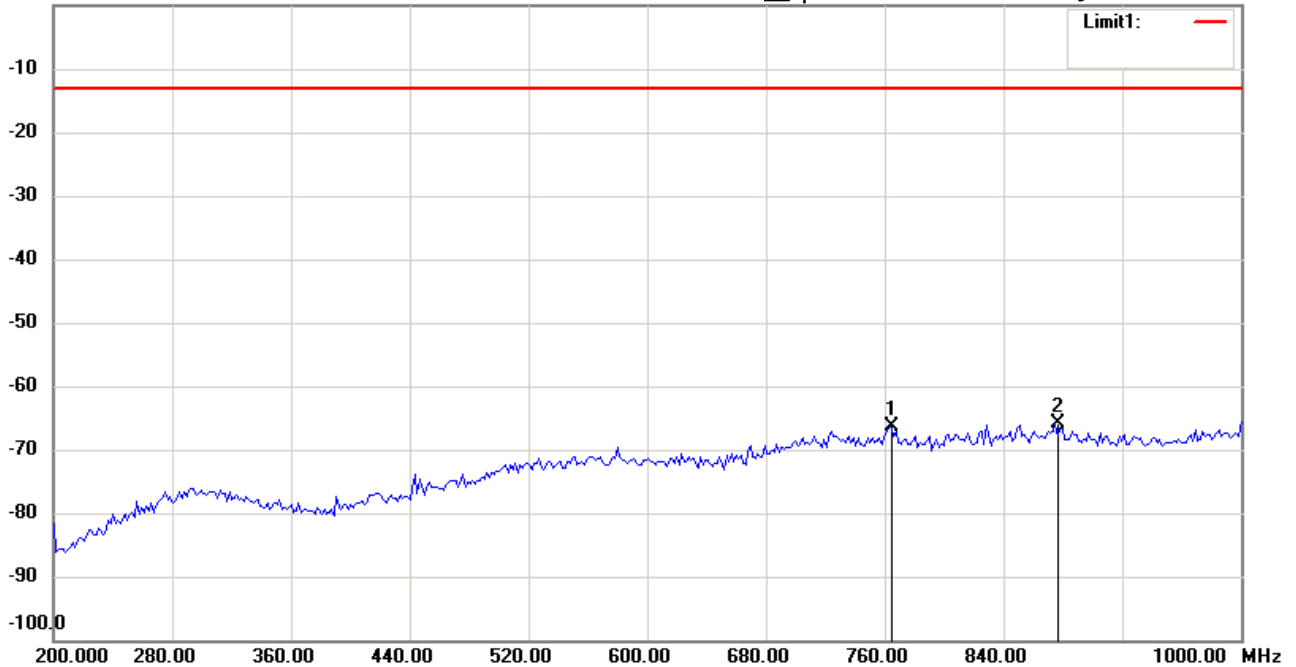
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:47:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	764.3287	-100.59	peak	34.29	-66.30	-13.00	150	30	-53.30	
*	874.9500	-100.50	peak	34.71	-65.79	-13.00	150	140	-52.79	

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#4

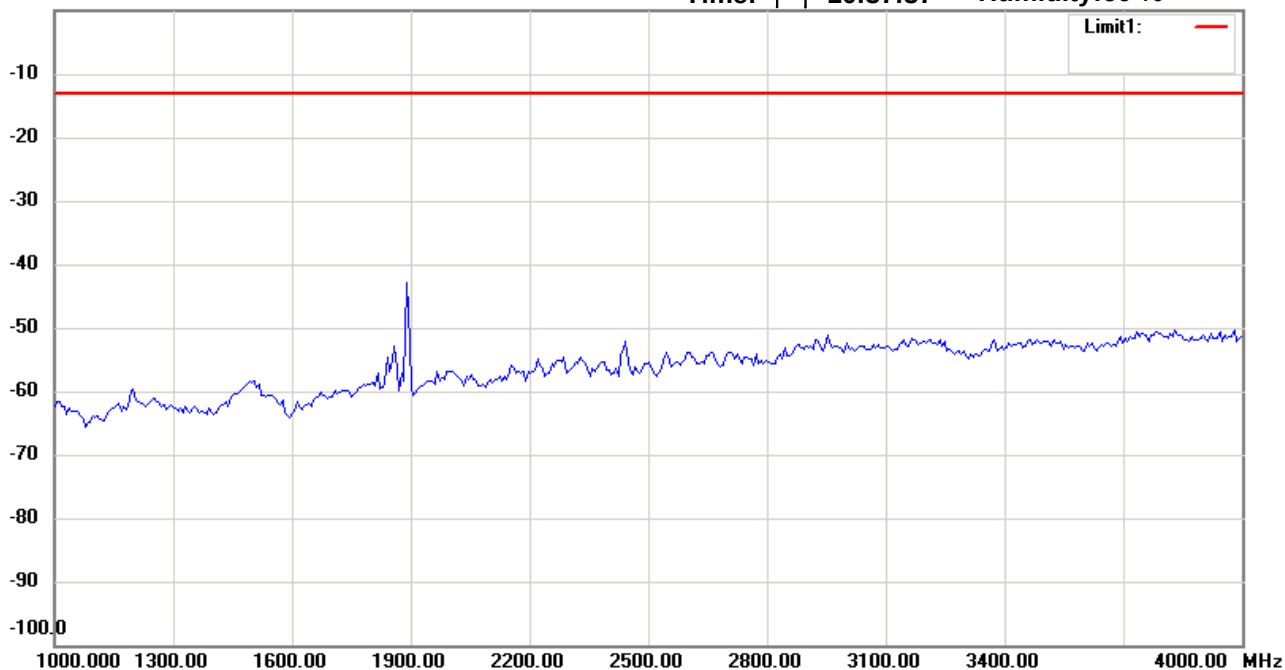
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:37:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :3

Data :#5

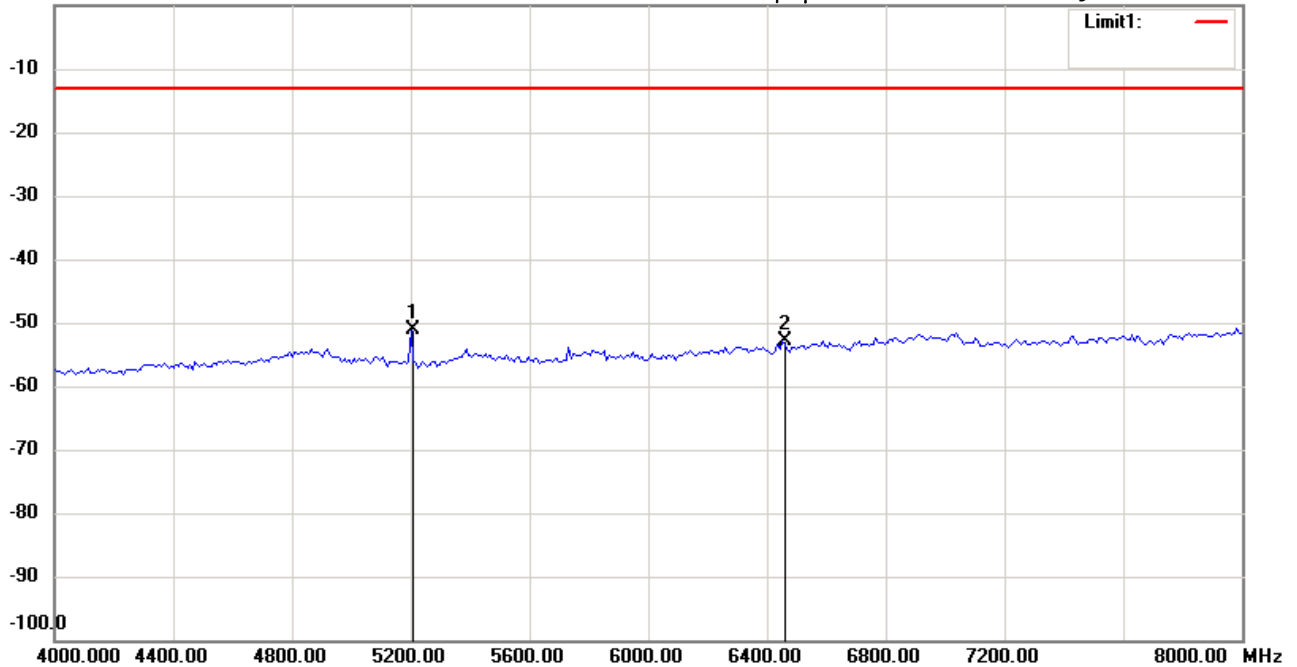
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:39:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	5202.405	-62.24	peak	11.19	-51.05	-13.00	150	190	-38.05	
	6452.906	-66.19	peak	13.26	-52.93	-13.00	150	200	-39.93	

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



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

Operator: Robert

File :3

Data :#6

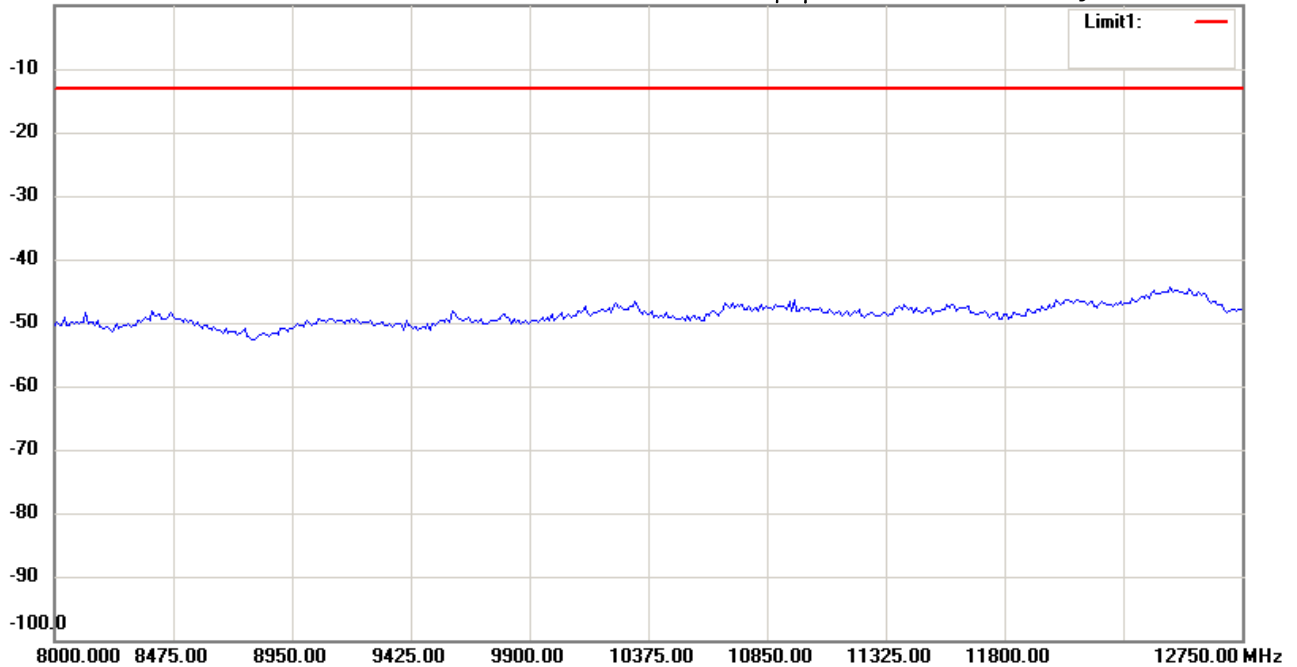
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 10:39:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : PCS1900 CH810 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

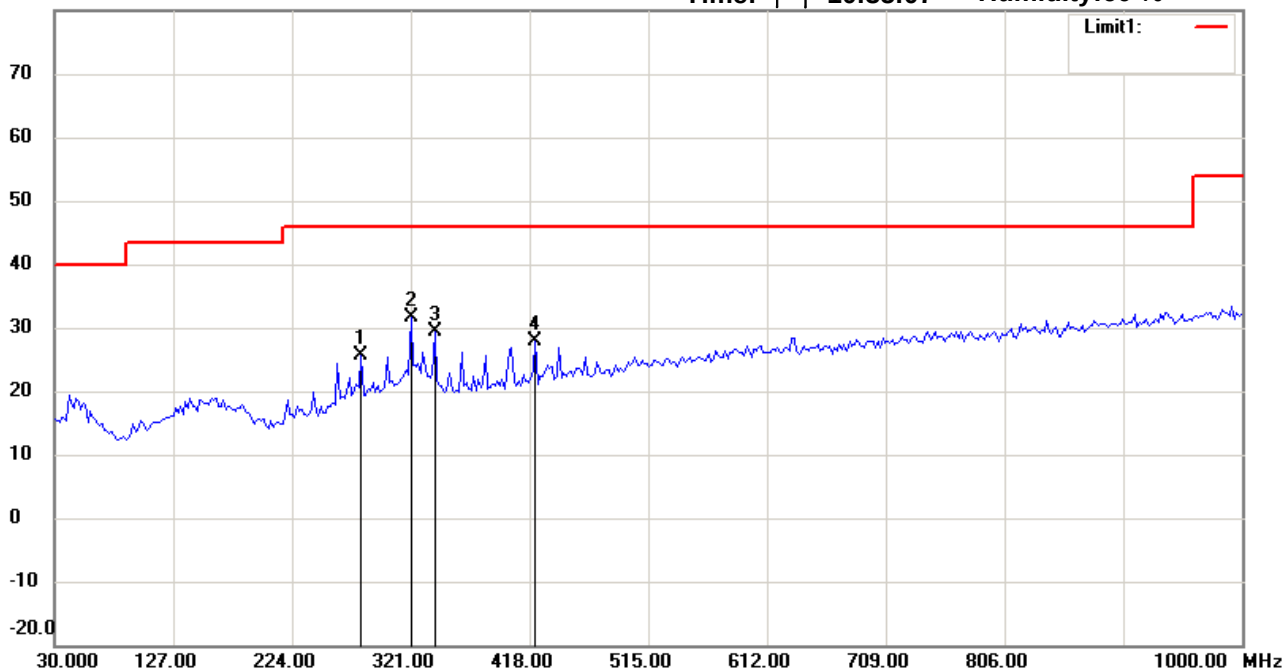
Date: 2014/12/9

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:35:07

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6M21412-14663

M/N:

Test Mode : PCS 1900 IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	280.7615	10.02	peak	15.52	25.54	46.00	100	140	-20.46	
*	321.5831	15.03	peak	16.53	31.56	46.00	100	215	-14.44	
	341.0220	12.27	peak	17.06	29.33	46.00	100	90	-16.67	
	422.6653	8.61	peak	19.35	27.96	46.00	100	160	-18.04	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

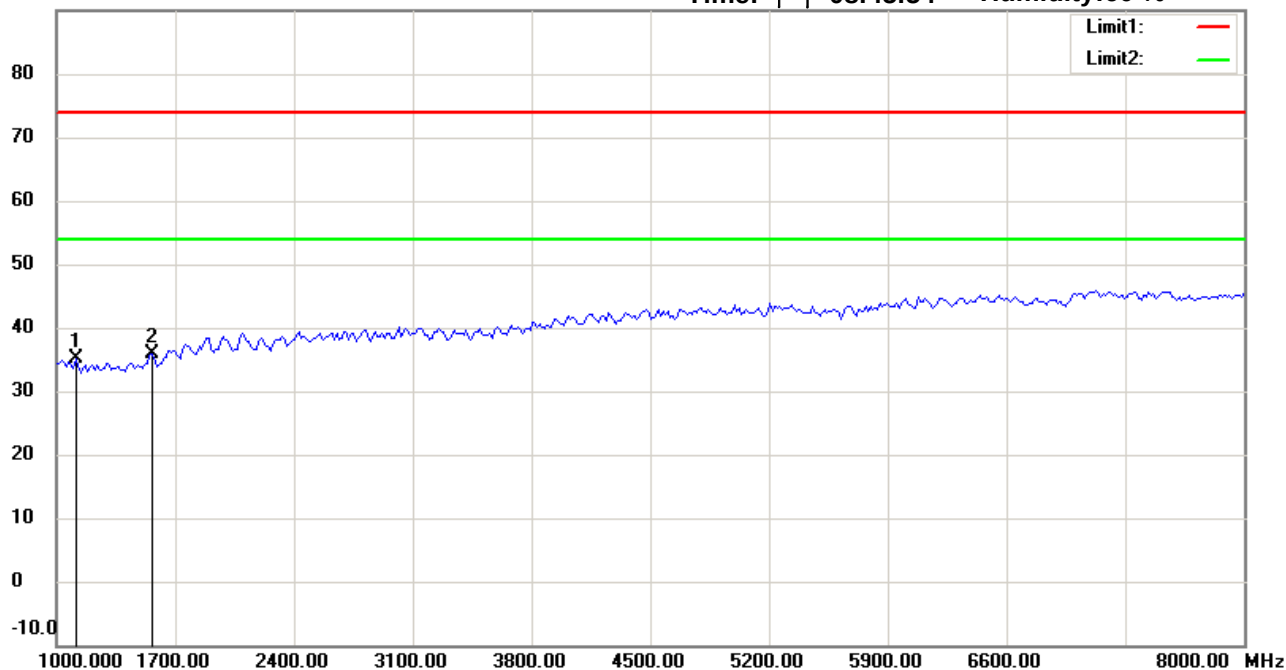
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:45:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : PCS 1900 IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1112.224	44.06	peak	-9.00	35.06	74.00	100	110	-38.94	
*	1561.122	44.57	peak	-8.61	35.96	74.00	100	75	-38.04	

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



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

Operator: Leon

File :3

Data :#2

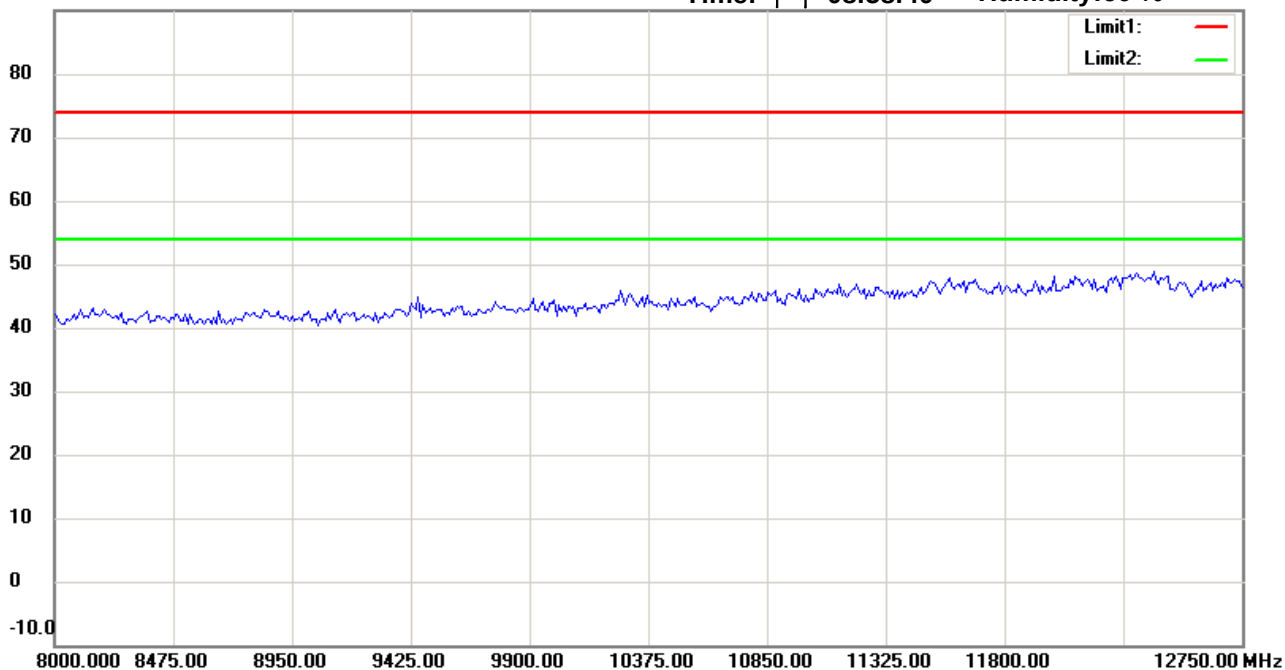
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:58:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : PCS 1900 IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#3

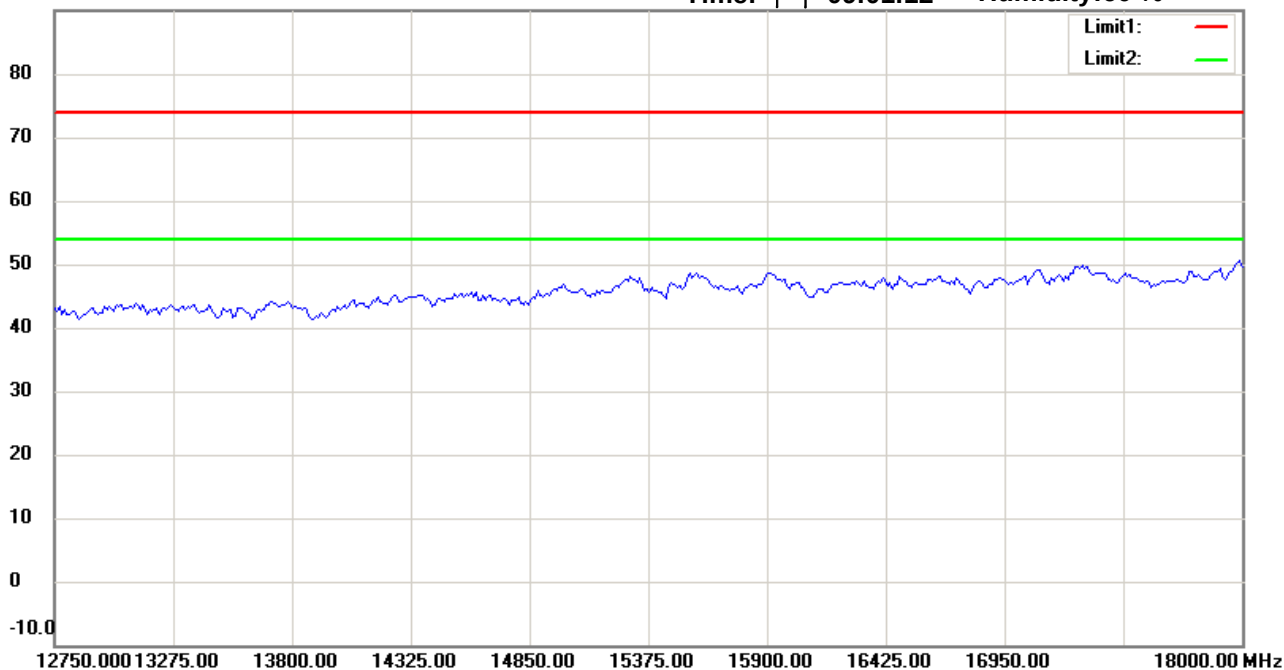
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:01:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : PCS 1900 IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#4

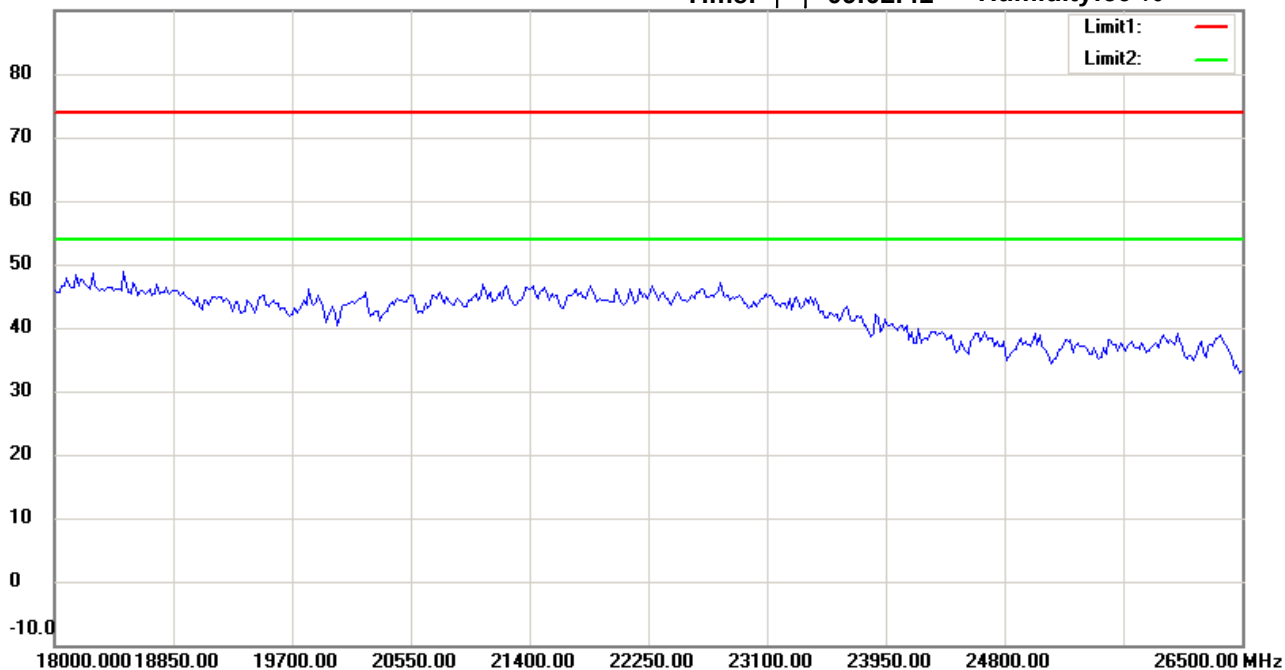
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:02:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : PCS 1900 IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :1

Data :#2

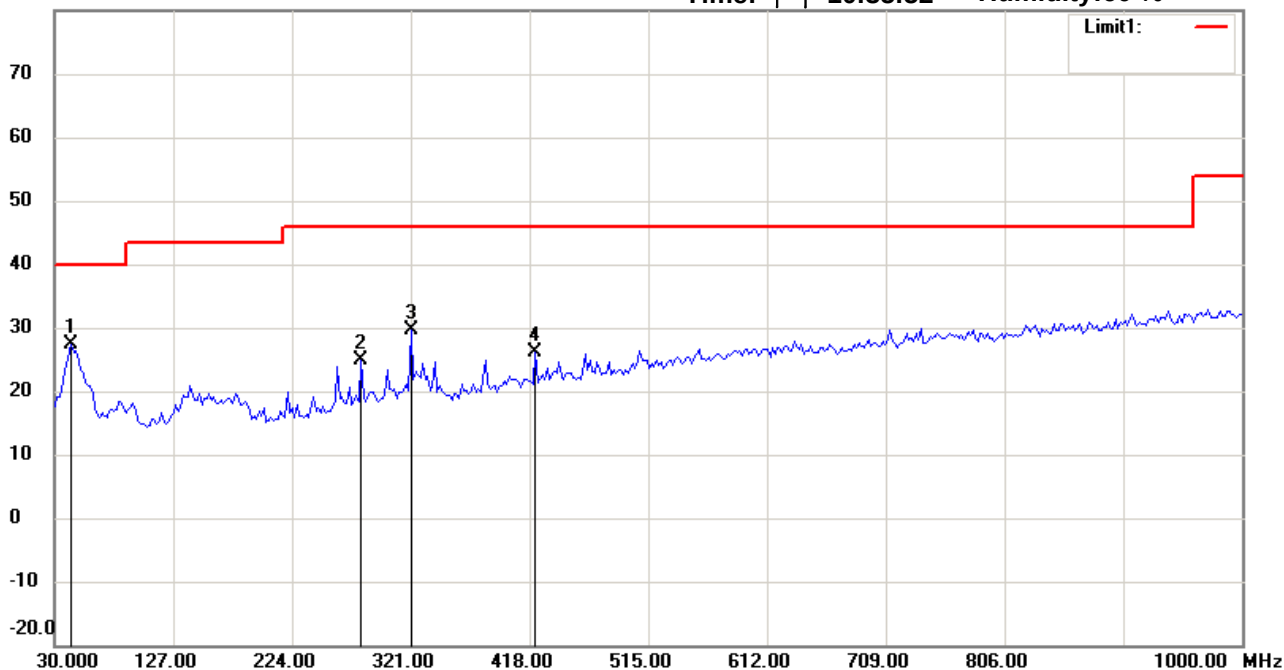
Date: 2014/12/9

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:35:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6M21412-14663

M/N:

Test Mode : PCS 1900 IDLE

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	43.6072	13.30	peak	14.05	27.35	40.00	100	75	-12.65	
	280.7615	9.34	peak	15.52	24.86	46.00	100	60	-21.14	
	321.5832	13.10	peak	16.53	29.63	46.00	100	155	-16.37	
	422.6653	6.80	peak	19.35	26.15	46.00	100	110	-19.85	

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



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

Operator: Leon

File :3

Data :#5

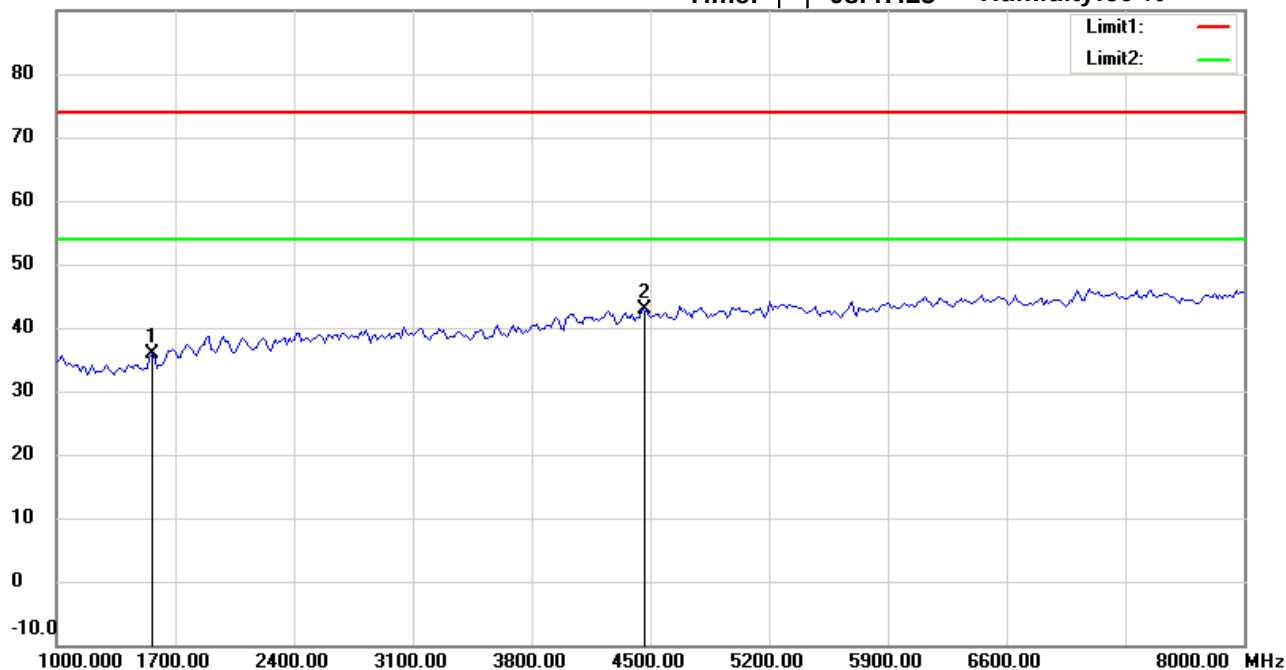
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:47:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : PCS 1900 IDLE

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1561.122	44.61	peak	-8.61	36.00	74.00	100	120	-38.00	
*	4450.902	43.33	peak	-0.44	42.89	74.00	100	160	-31.11	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

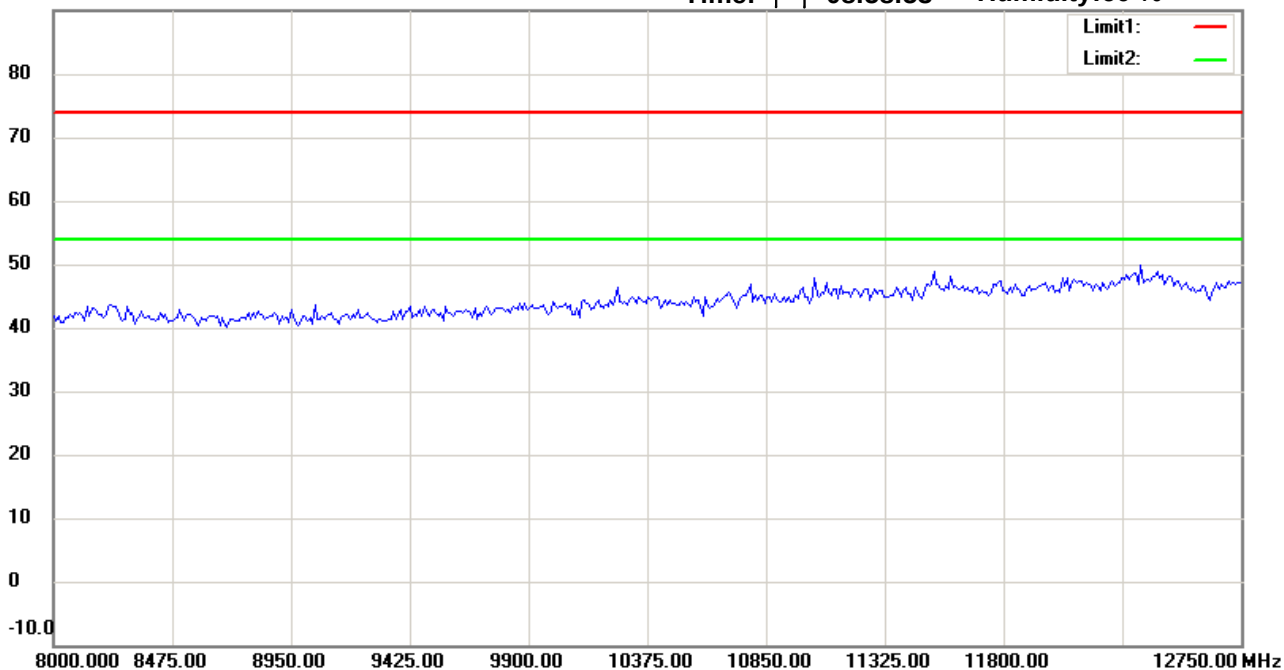
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:58:53

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : PCS 1900 IDLE

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#7

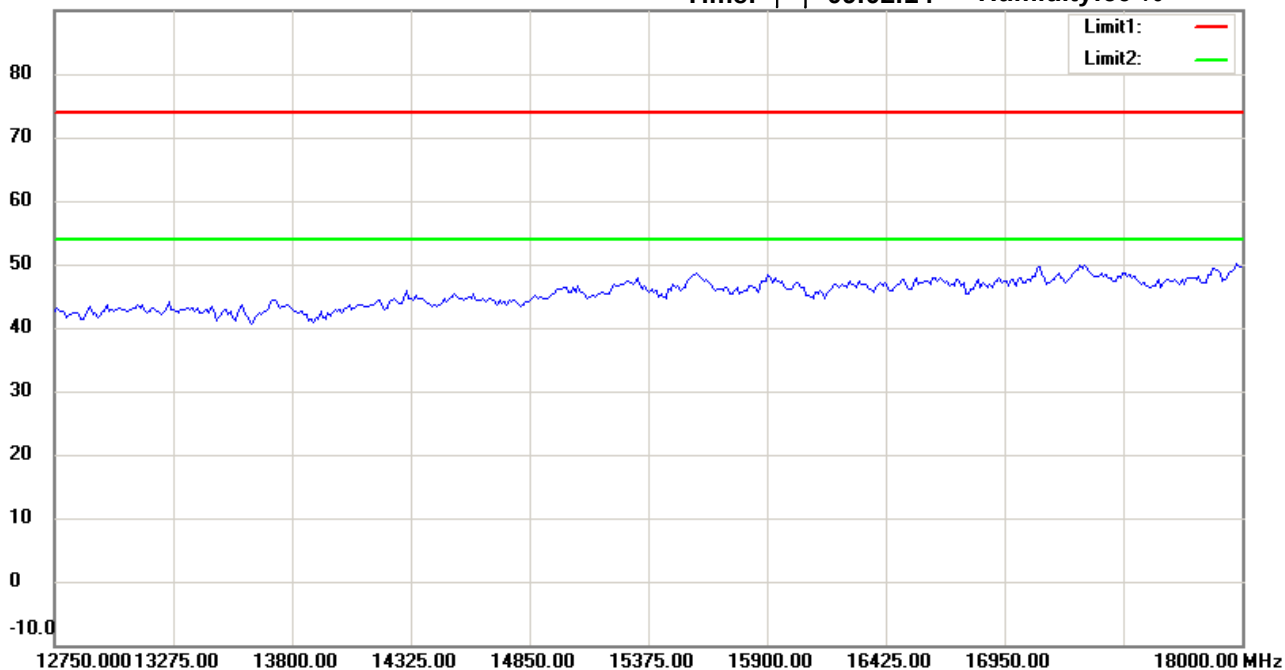
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:02:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : PCS 1900 IDLE

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

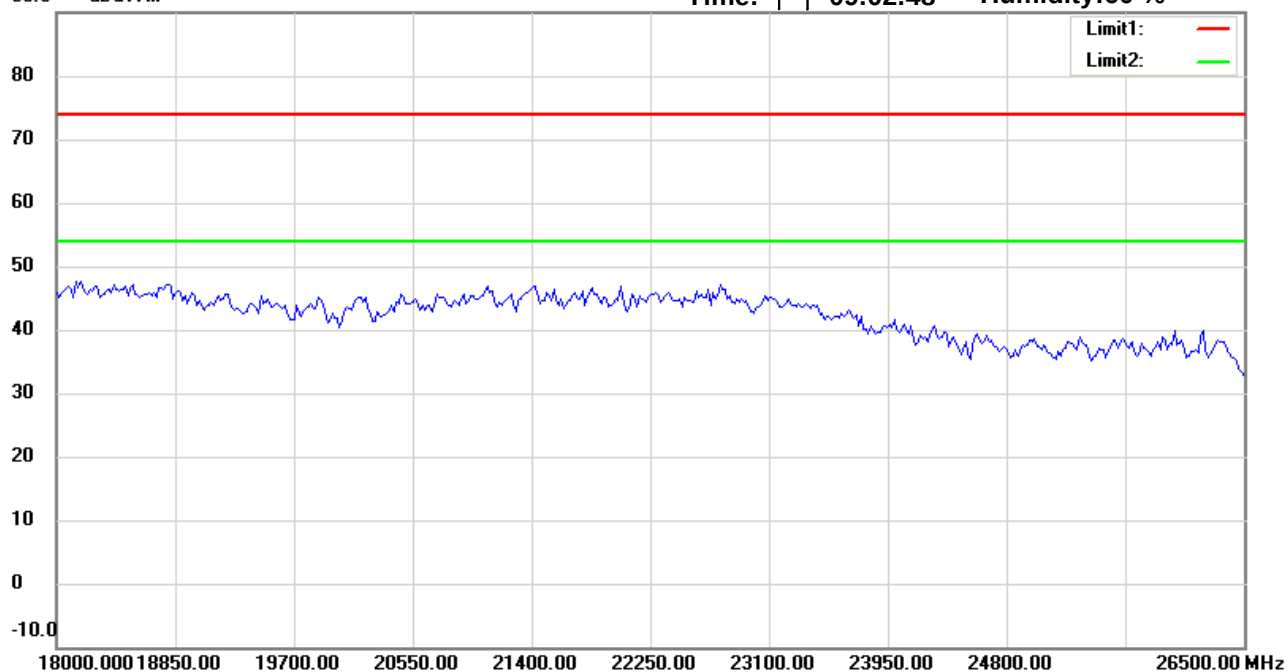
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:02:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : PCS 1900 IDLE

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :1

Data :#2

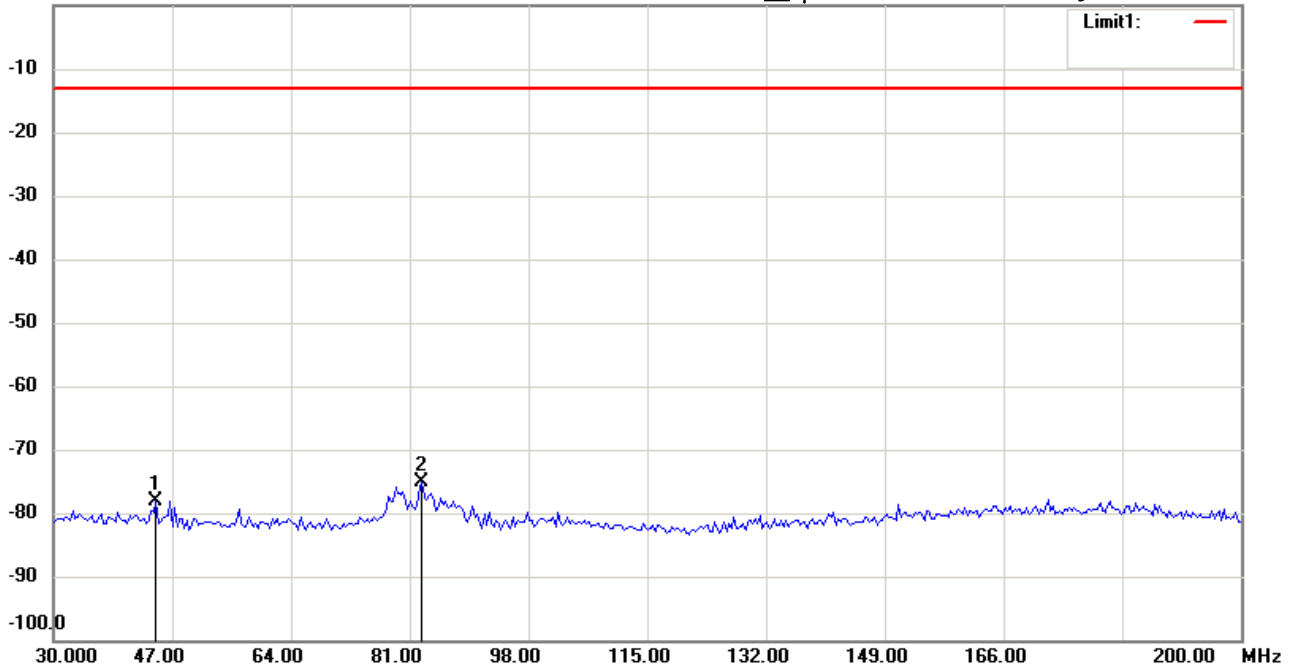
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:31:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	44.6493	-102.64	peak	24.48	-78.16	-13.00	150	150	-65.16	
*	82.8055	-98.89	peak	23.86	-75.03	-13.00	150	130	-62.03	

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



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

Operator: Robert

File :2

Data :#2

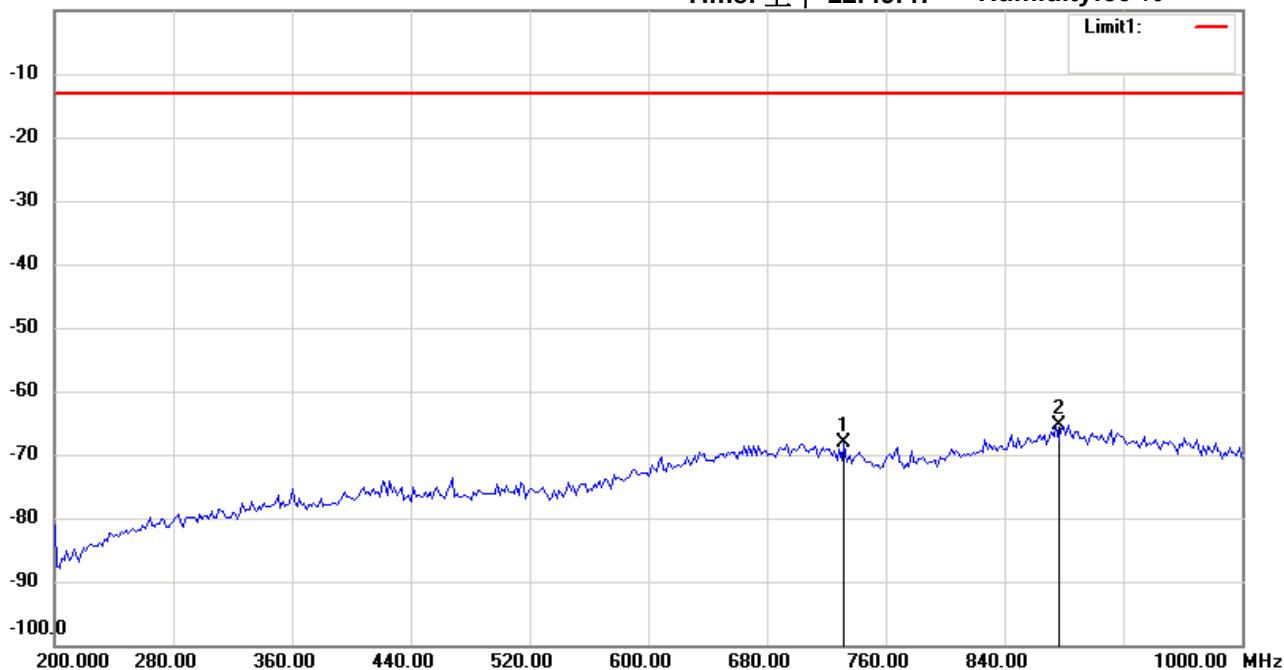
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:49:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	732.2645	-101.31	peak	33.16	-68.15	-13.00	150	190	-55.15	
*	874.9500	-101.19	peak	35.74	-65.45	-13.00	150	100	-52.45	

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



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

Operator: Robert

File :3

Data :#1

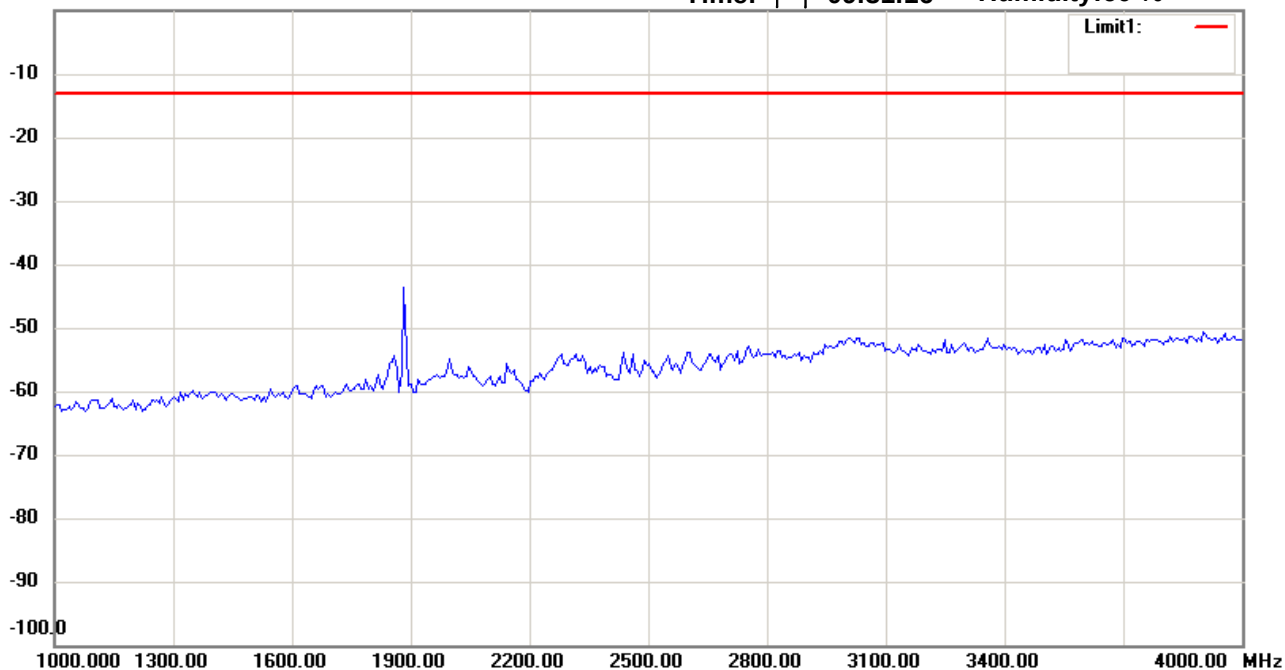
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:31:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :3

Data :#2

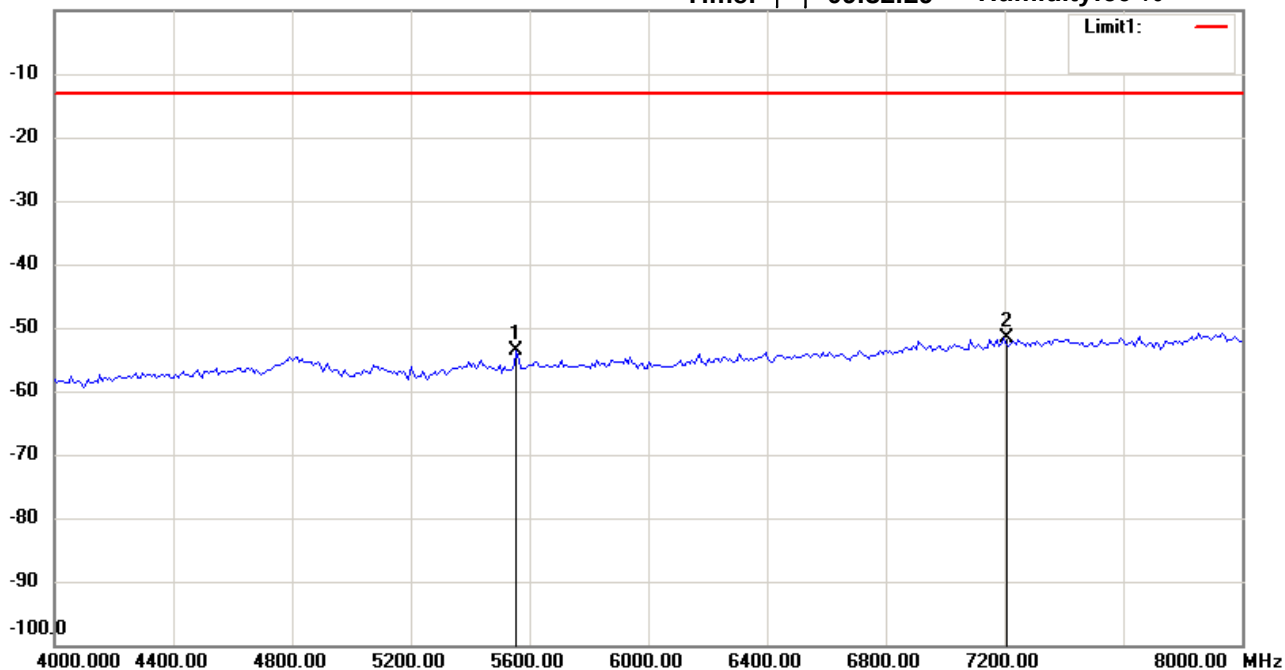
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:32:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5555.110	-65.95	peak	12.37	-53.58	-13.00	150	140	-40.58	
*	7198.397	-64.88	peak	13.28	-51.60	-13.00	150	210	-38.60	

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



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

Operator: Robert

File :3

Data :#3

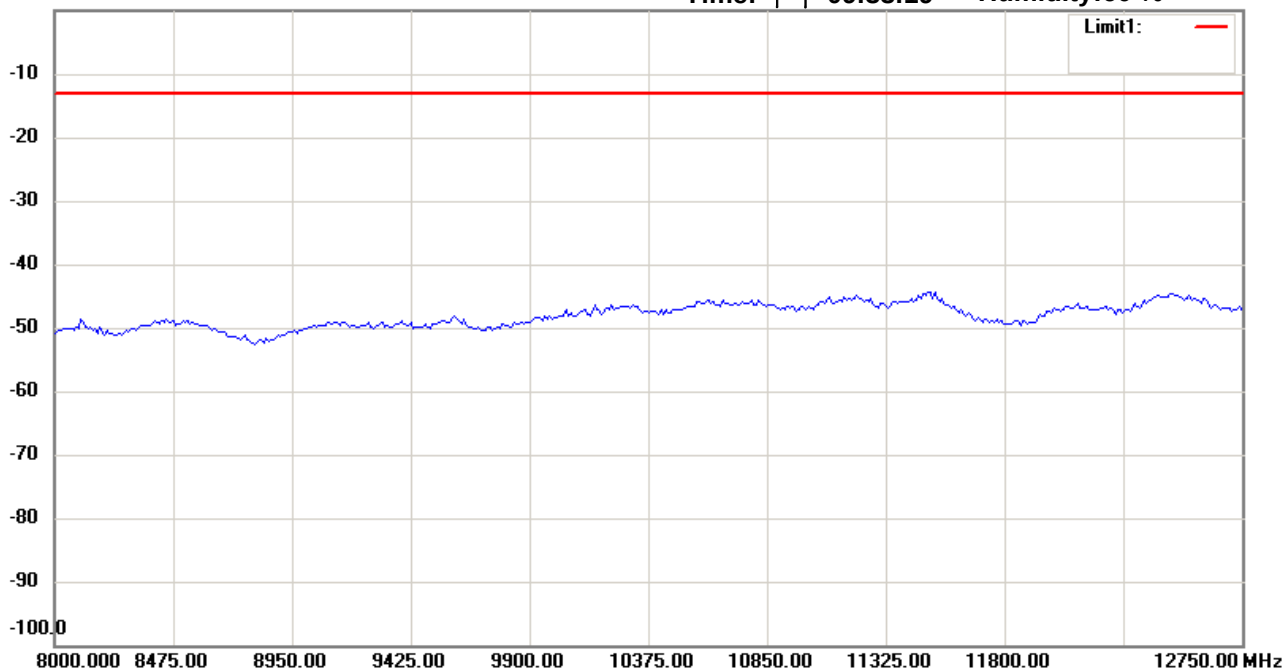
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:33:19

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Robert

File :1

Data :#1

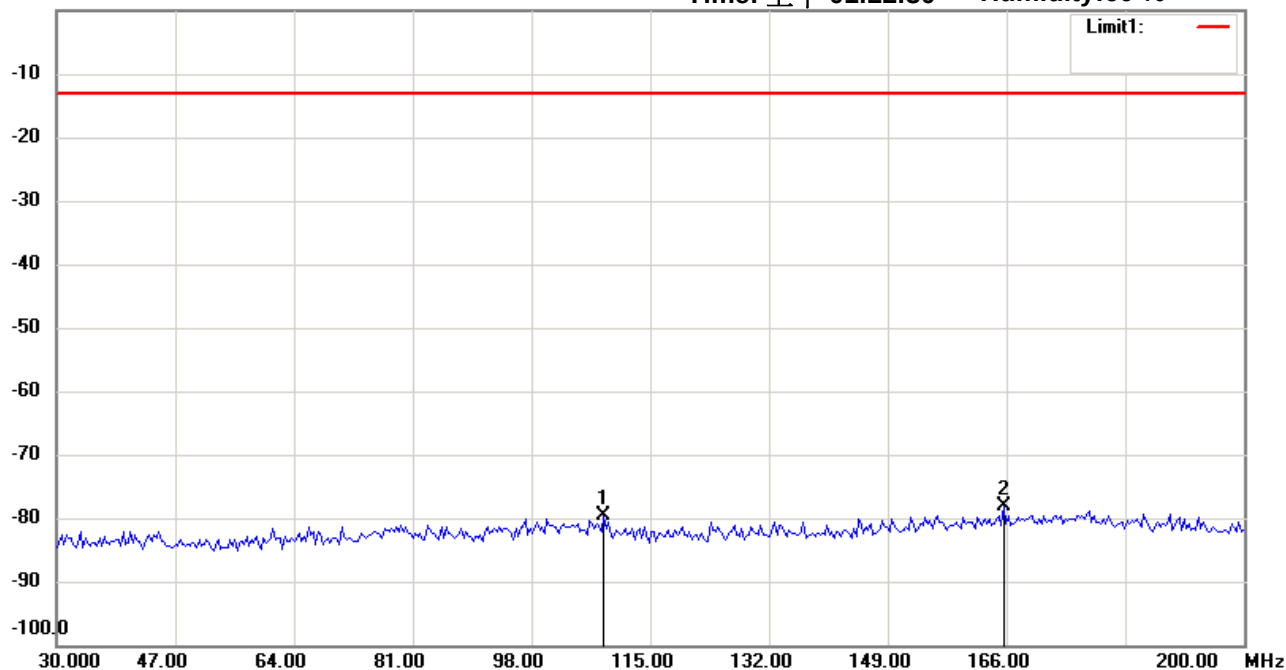
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:22:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	108.3567	-103.79	peak	24.05	-79.74	-13.00	150	200	-66.74	
*	165.5912	-103.48	peak	25.29	-78.19	-13.00	150	140	-65.19	

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



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

Radiated Emission Measurement

Operator: Robert

File :2

Data :#1

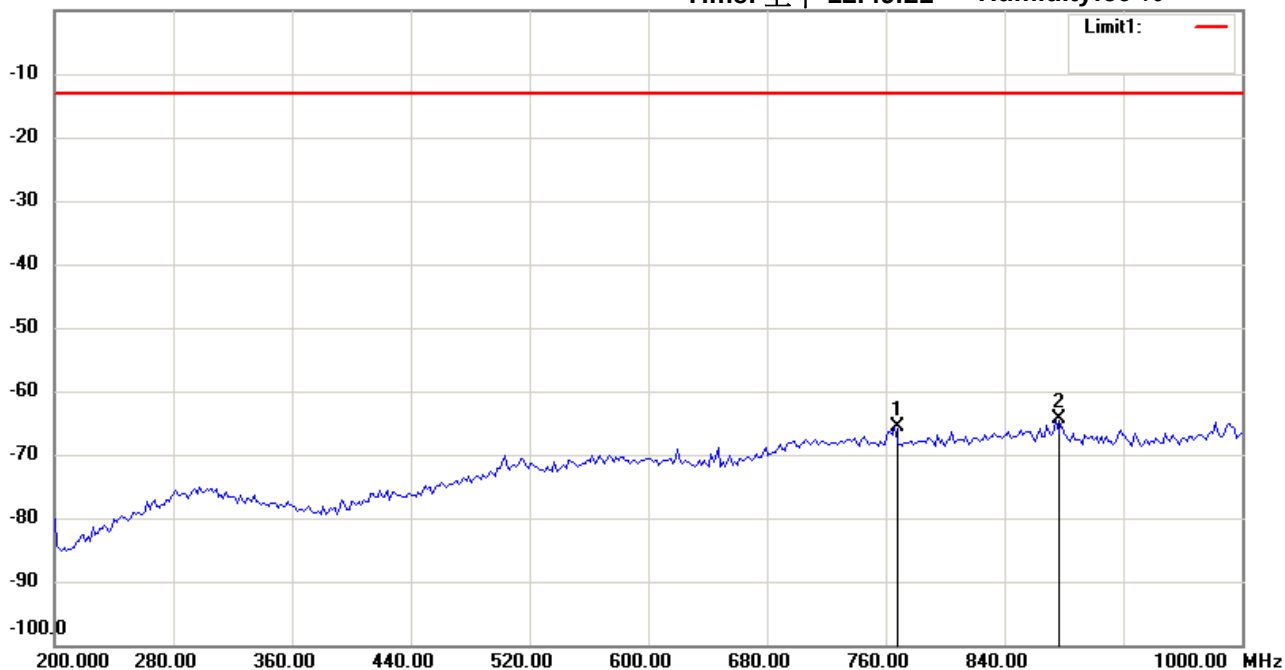
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:49:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	765.9320	-99.89	peak	34.31	-65.58	-13.00	150	210	-52.58	
*	874.9500	-99.16	peak	34.71	-64.45	-13.00	150	130	-51.45	

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#4

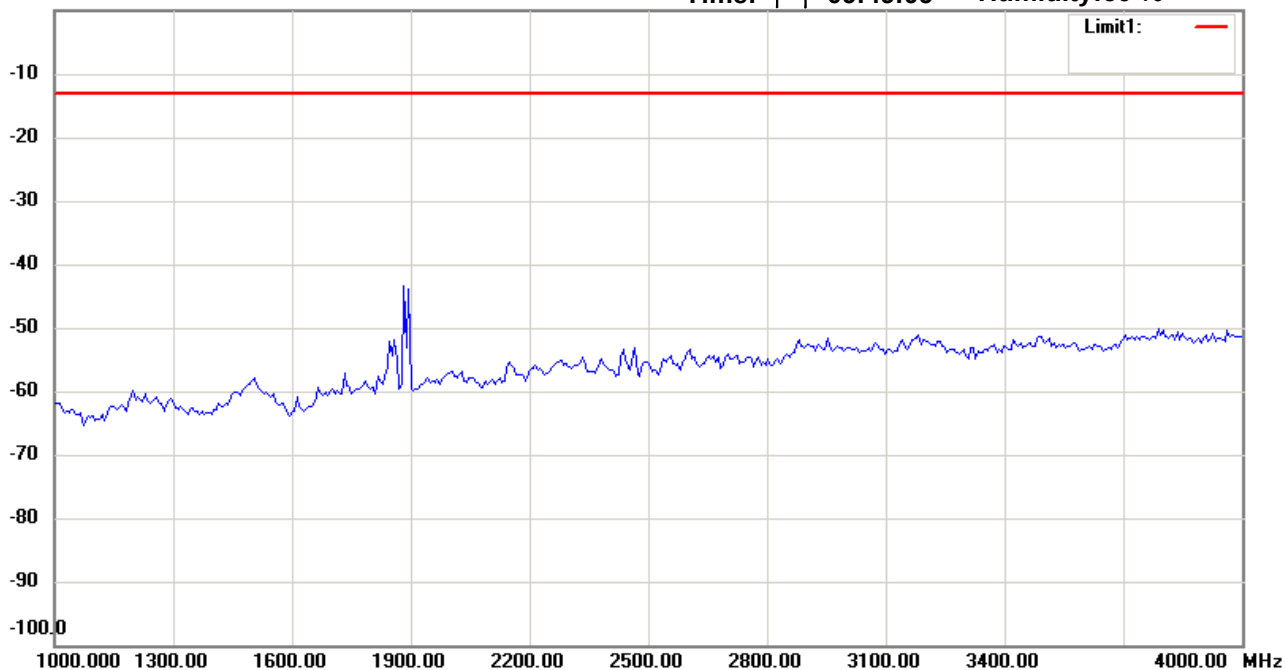
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:49:09

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#5

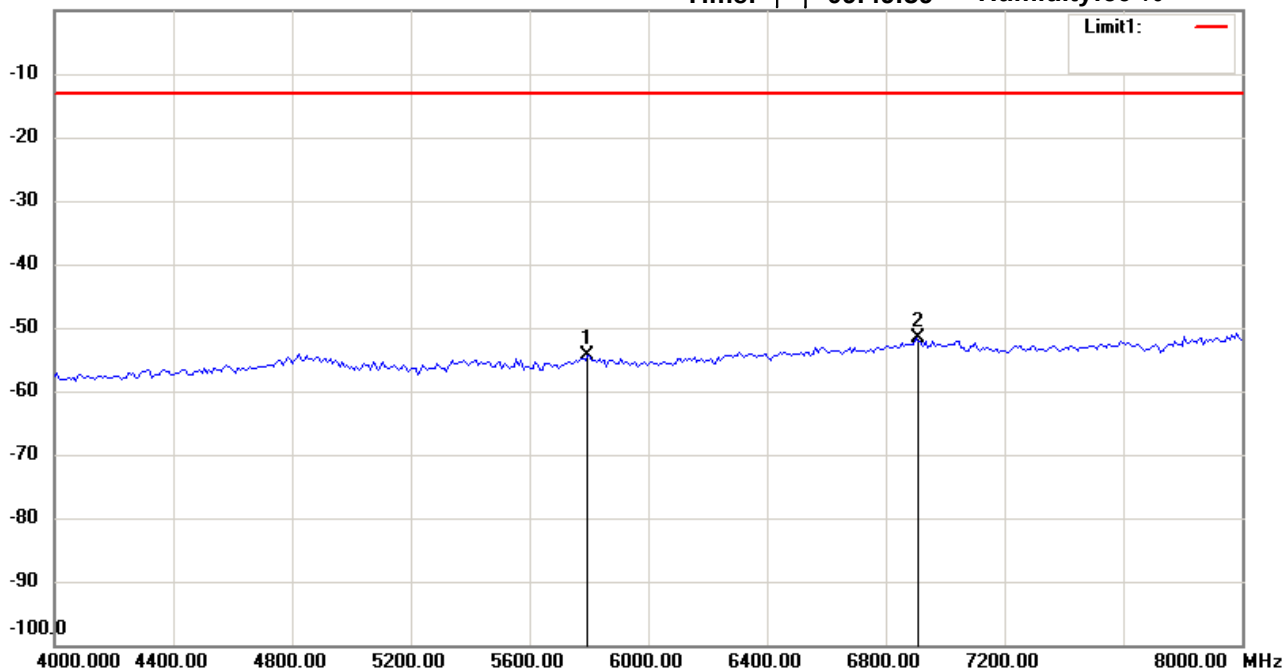
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:49:59

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5795.591	-67.58	peak	13.19	-54.39	-13.00	150	60	-41.39	
*	6901.804	-65.87	peak	14.32	-51.55	-13.00	150	210	-38.55	

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#6

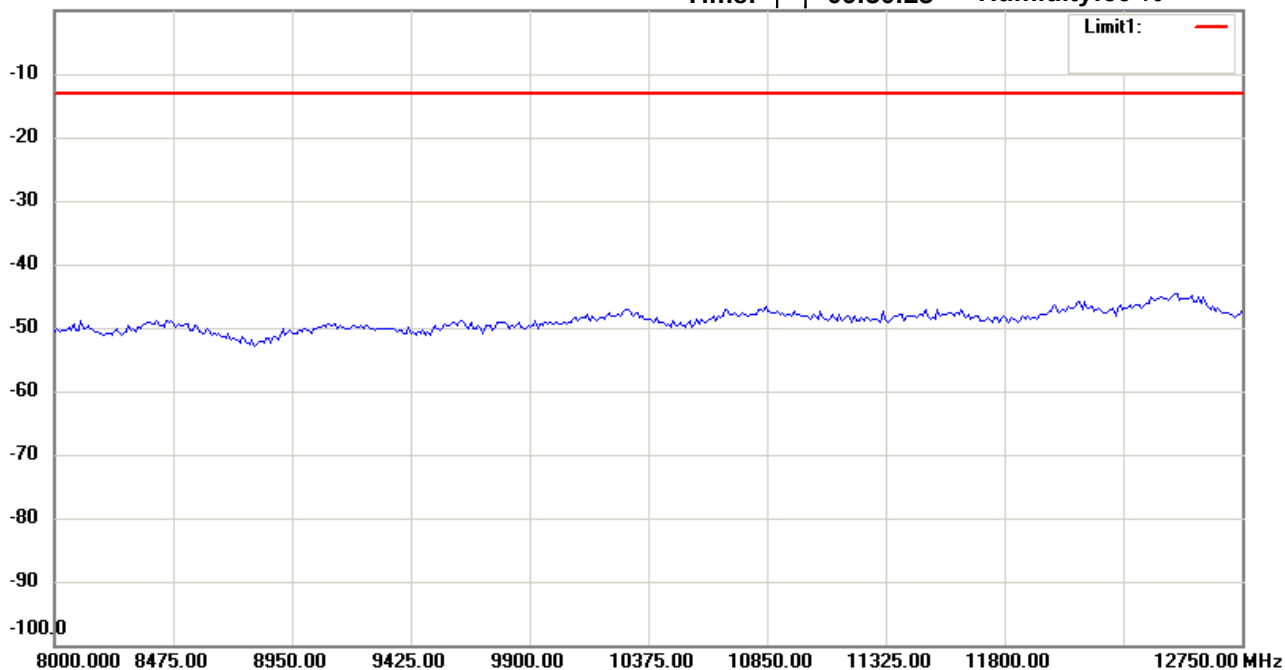
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:50:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9262 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :1

Data :#2

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:32:33

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	81.7836	-95.53	peak	24.00	-71.53	-13.00	150	100	-58.53	
	87.2345	-96.96	peak	23.26	-73.70	-13.00	150	300	-60.70	

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



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

Radiated Emission Measurement

Operator: Robert

File :2

Data :#1

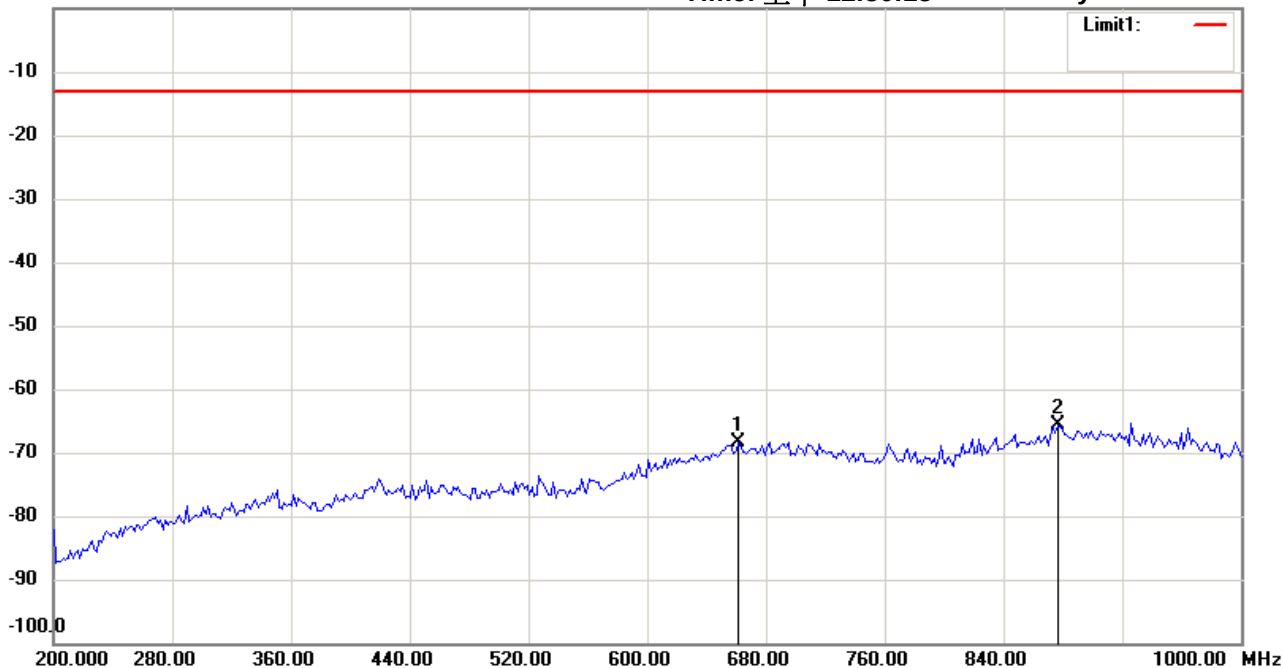
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:50:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: Horizontal

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	661.7234	-103.29	peak	34.94	-68.35	-13.00	150	250	-55.35	
*	876.5531	-101.44	peak	35.79	-65.65	-13.00	150	100	-52.65	

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



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

Operator: Robert

File :3

Data :#1

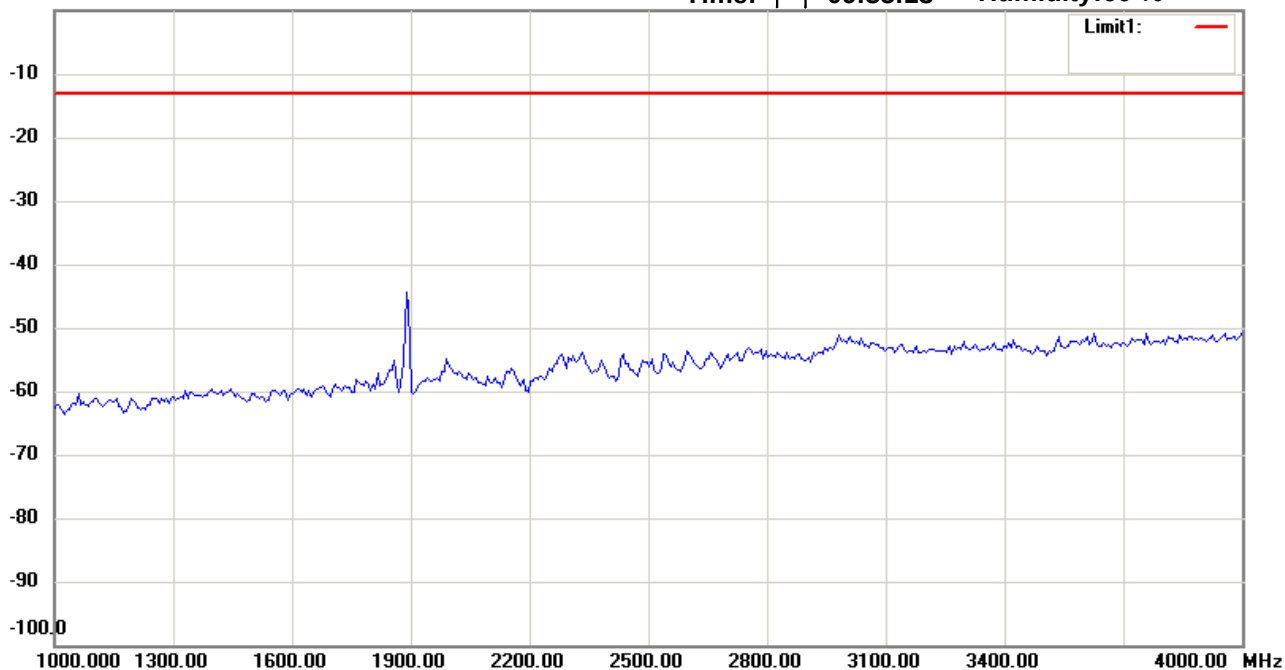
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:35:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#2

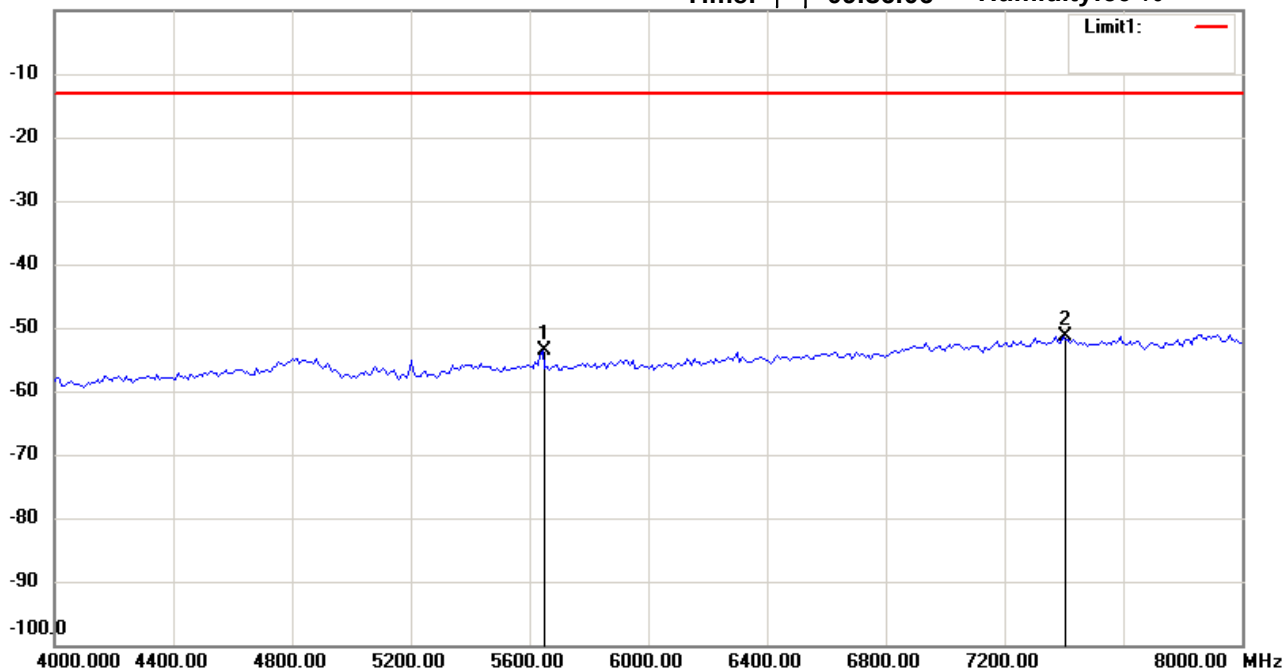
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:36:06

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5643.287	-65.77	peak	12.27	-53.50	-13.00	150	230	-40.50	
*	7398.798	-64.37	peak	12.93	-51.44	-13.00	150	210	-38.44	

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#3

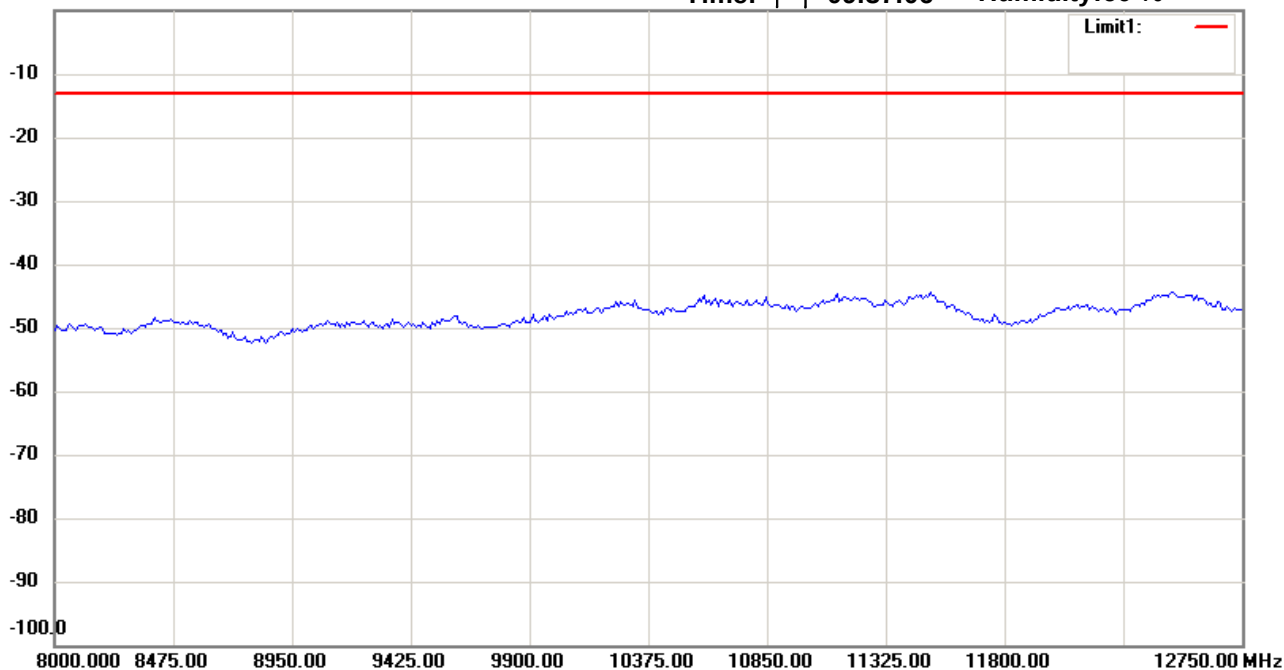
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:37:06

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :1

Data :#1

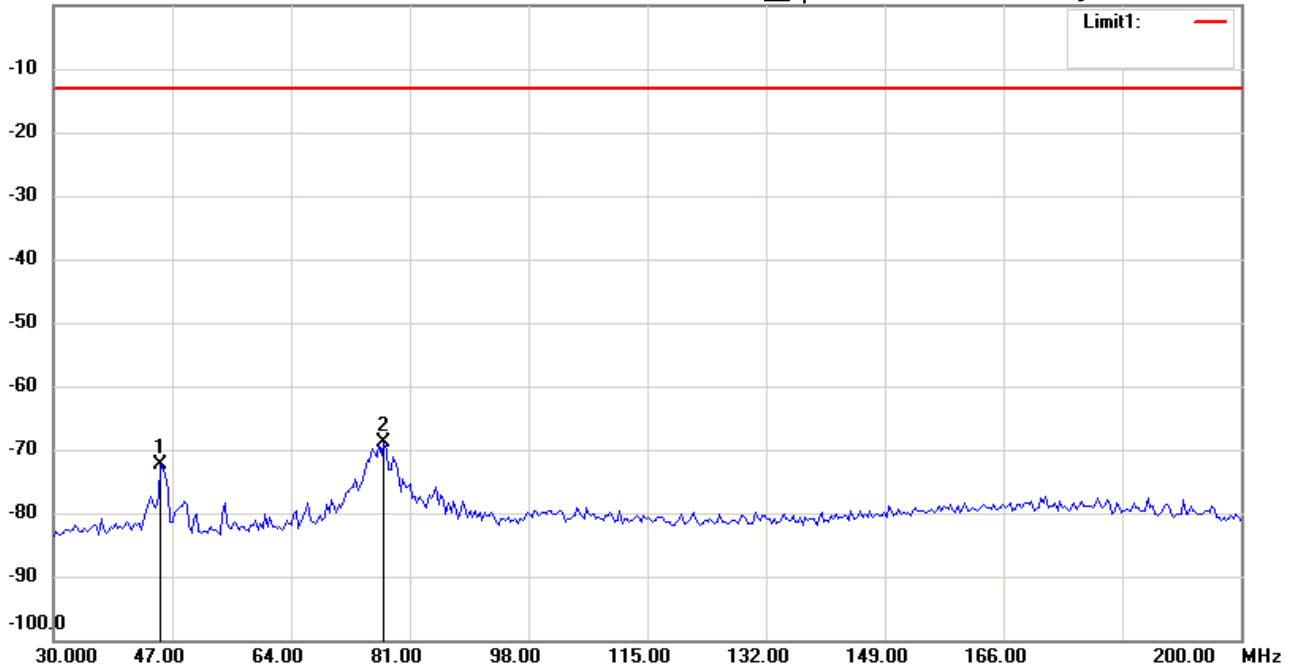
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:23:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	45.3307	-95.35	peak	23.08	-72.27	-13.00	150	30	-59.27	
*	77.3547	-92.64	peak	23.81	-68.83	-13.00	150	140	-55.83	

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



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

Radiated Emission Measurement

Operator: Robert

File :2

Data :#2

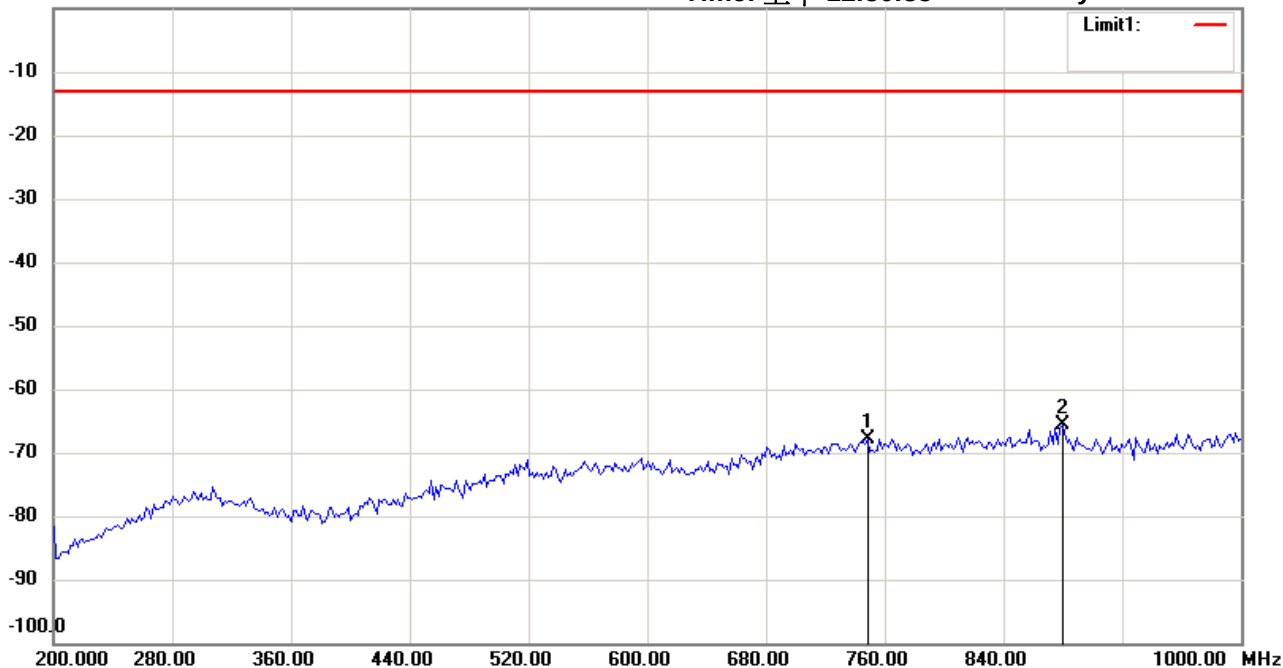
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:50:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	748.2965	-102.06	peak	34.17	-67.89	-13.00	150	30	-54.89	
*	879.7595	-100.35	peak	34.66	-65.69	-13.00	150	170	-52.69	

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#4

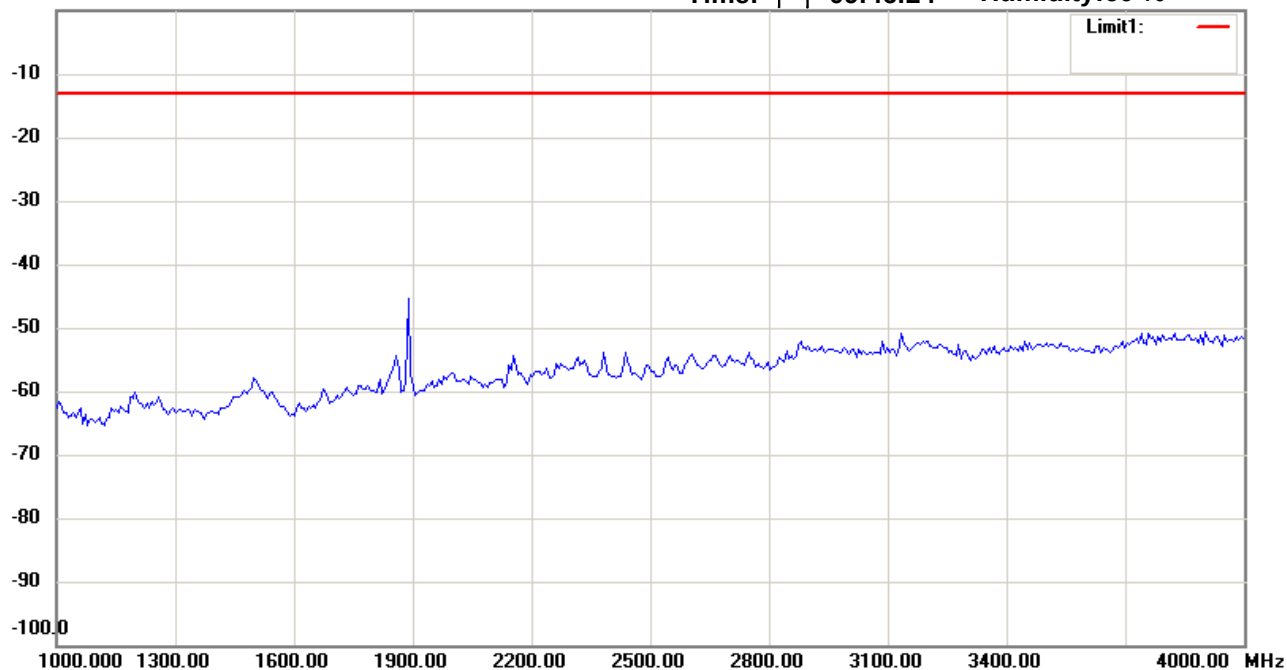
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:46:24

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#5

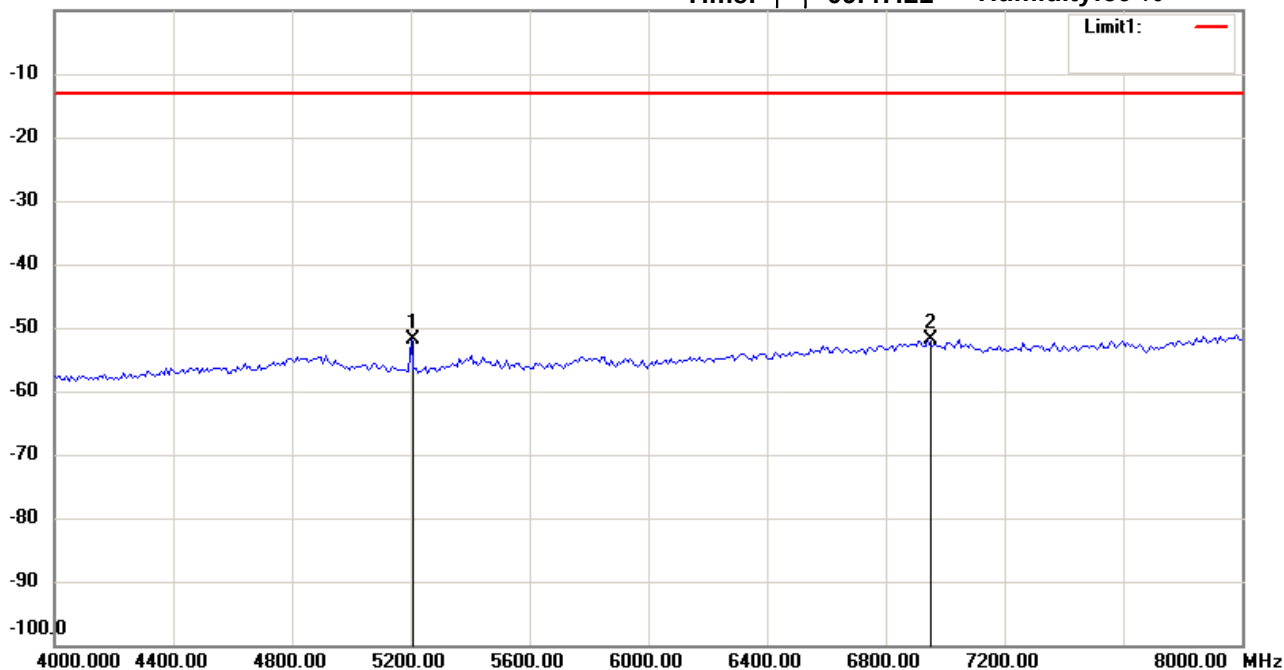
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:47:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	5202.405	-62.97	peak	11.19	-51.78	-13.00	150	190	-38.78	
	6941.884	-65.85	peak	14.04	-51.81	-13.00	150	150	-38.81	

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#6

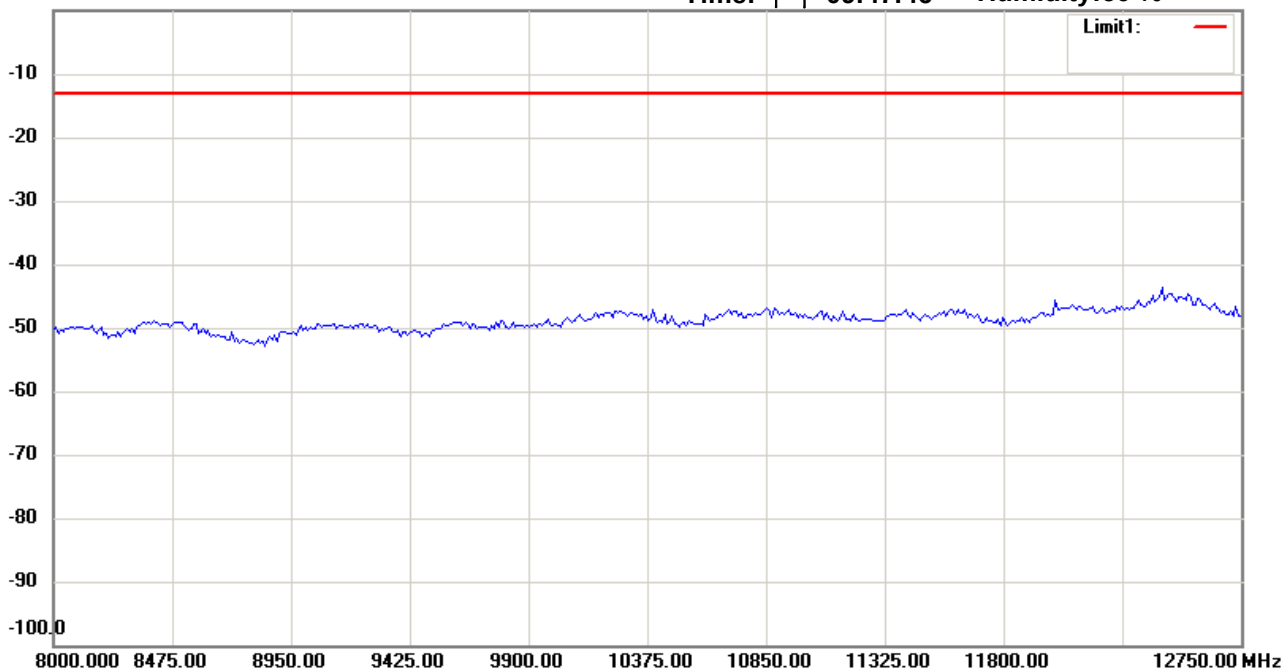
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:47:46

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9400 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :1

Data :#2

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:33:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	78.7174	-97.82	peak	24.08	-73.74	-13.00	150	320	-60.74	
	86.5531	-98.76	peak	23.35	-75.41	-13.00	150	100	-62.41	

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



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :2

Data :#2

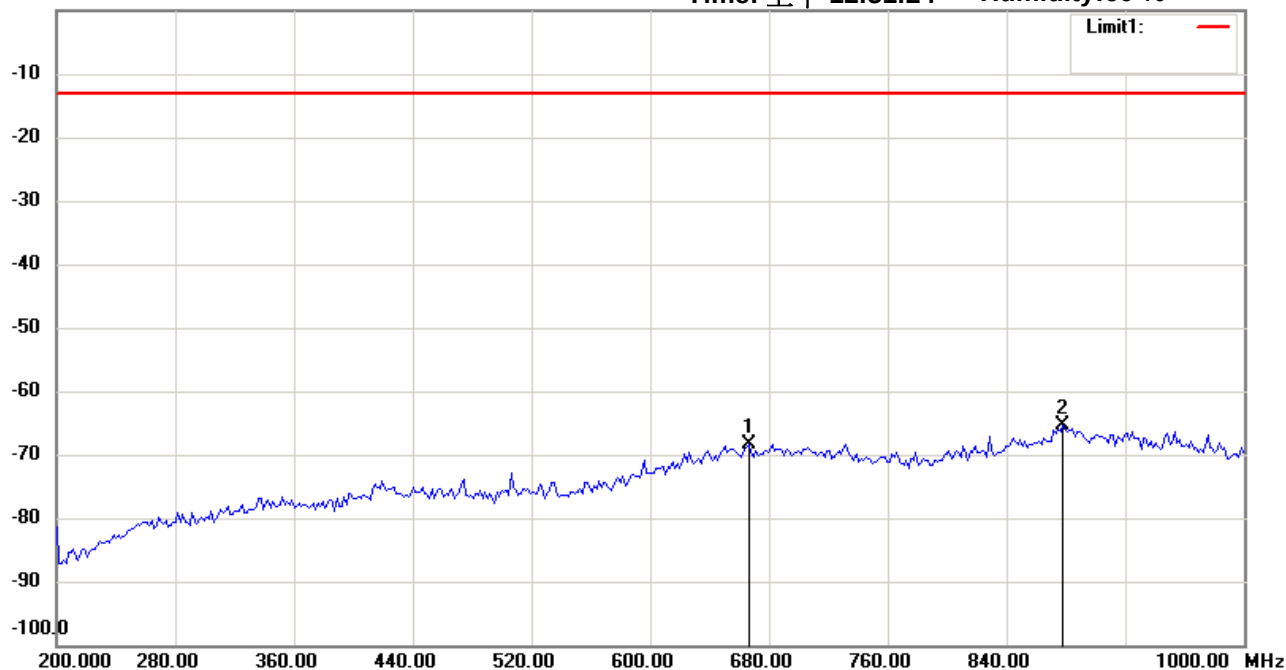
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:51:24

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	666.5331	-103.15	peak	34.89	-68.26	-13.00	150	210	-55.26	
*	878.1563	-101.30	peak	35.84	-65.46	-13.00	150	140	-52.46	

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#1

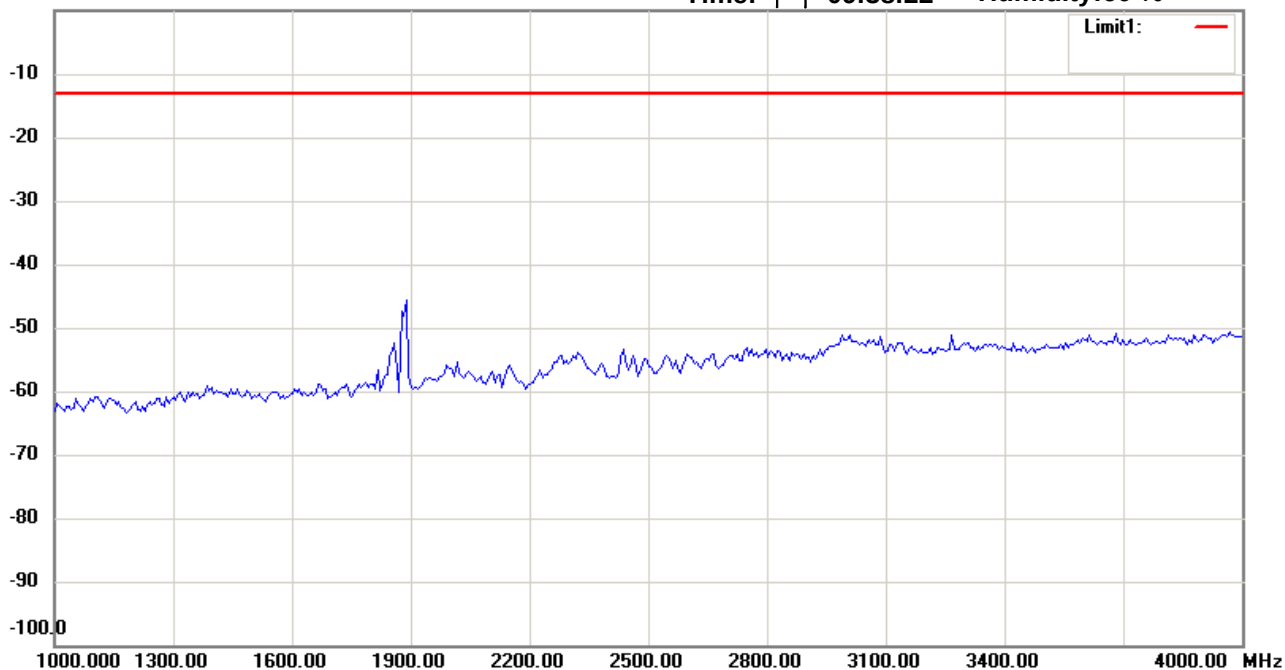
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:38:22

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#2

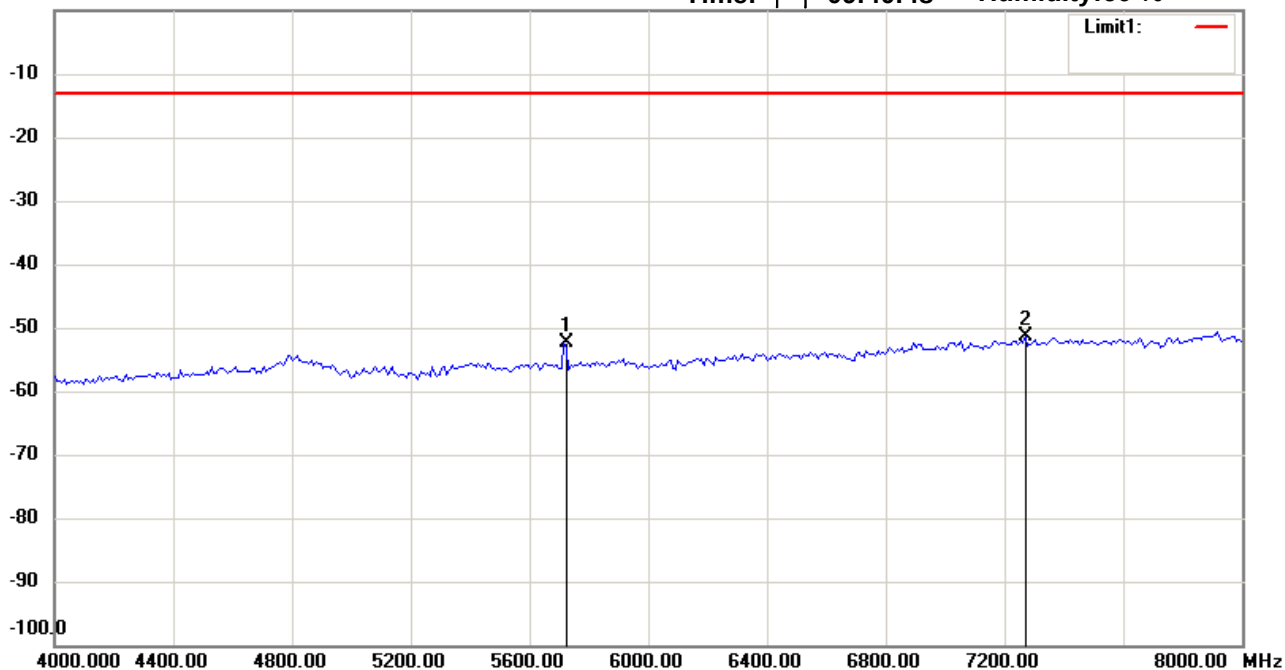
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:40:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5715.431	-64.35	peak	11.96	-52.39	-13.00	150	250	-39.39	
*	7270.541	-64.39	peak	12.96	-51.43	-13.00	150	140	-38.43	

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



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :3

Data :#3

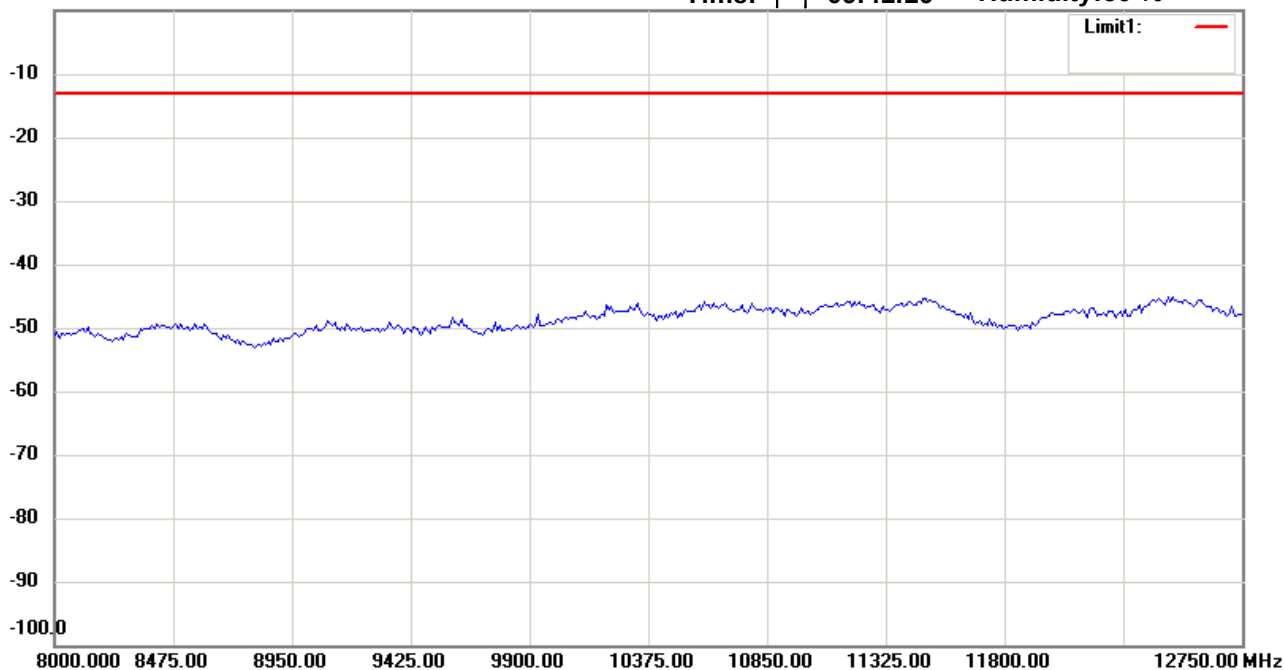
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:41:10

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :1

Data :#1

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:24:36

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	44.6493	-95.03	peak	23.16	-71.87	-13.00	150	200	-58.87	
*	74.2886	-93.45	peak	23.32	-70.13	-13.00	150	140	-57.13	

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



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

Radiated Emission Measurement

Operator: Robert

File :2

Data :#1

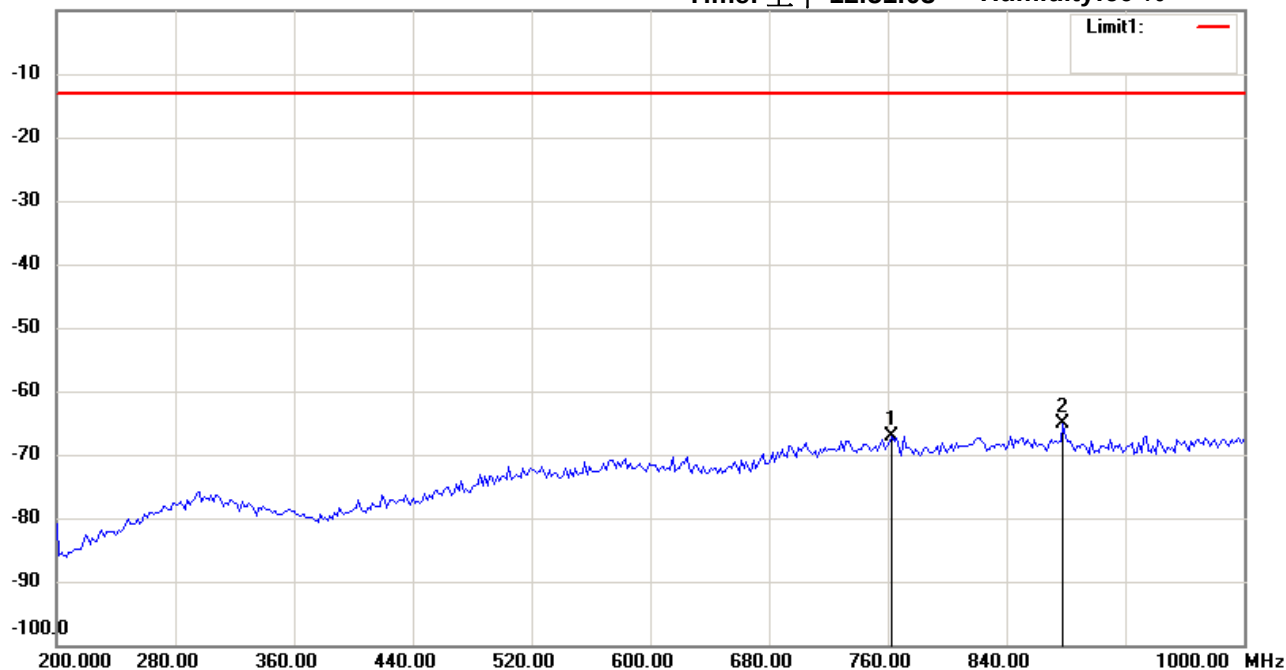
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:51:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	762.7255	-101.41	peak	34.28	-67.13	-13.00	150	290	-54.13	
*	878.1563	-99.89	peak	34.68	-65.21	-13.00	150	200	-52.21	

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



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

Operator: Robert

File :3

Data :#4

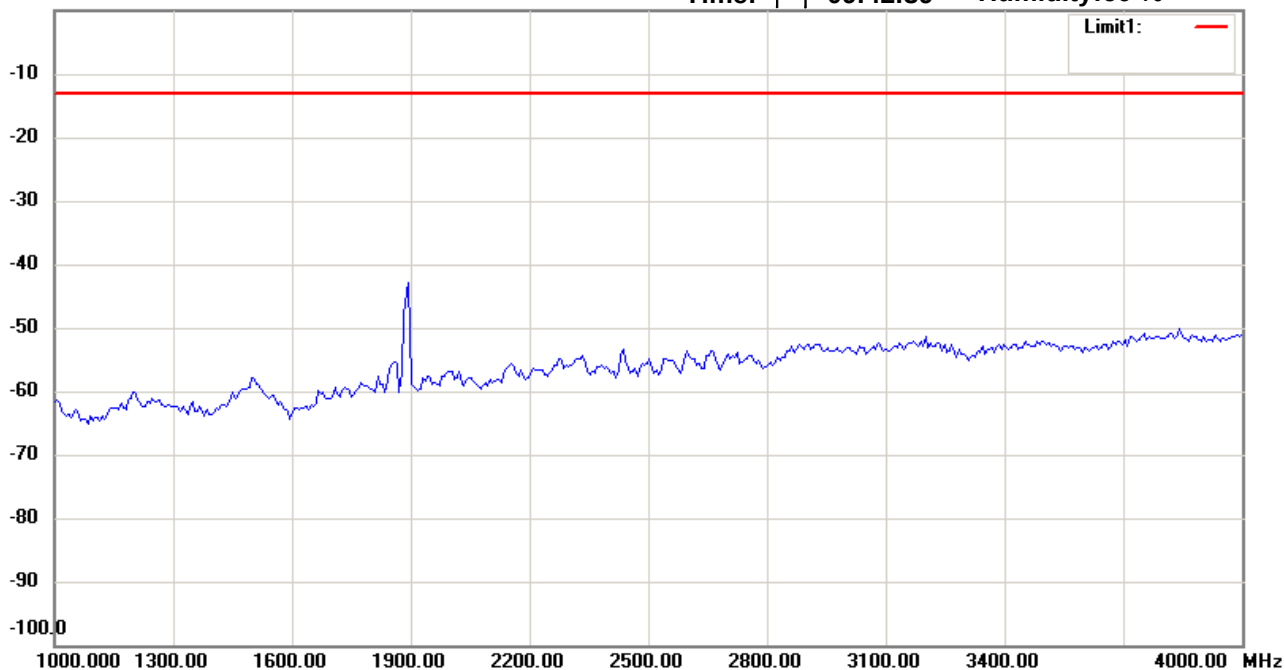
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:42:39

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :3

Data :#5

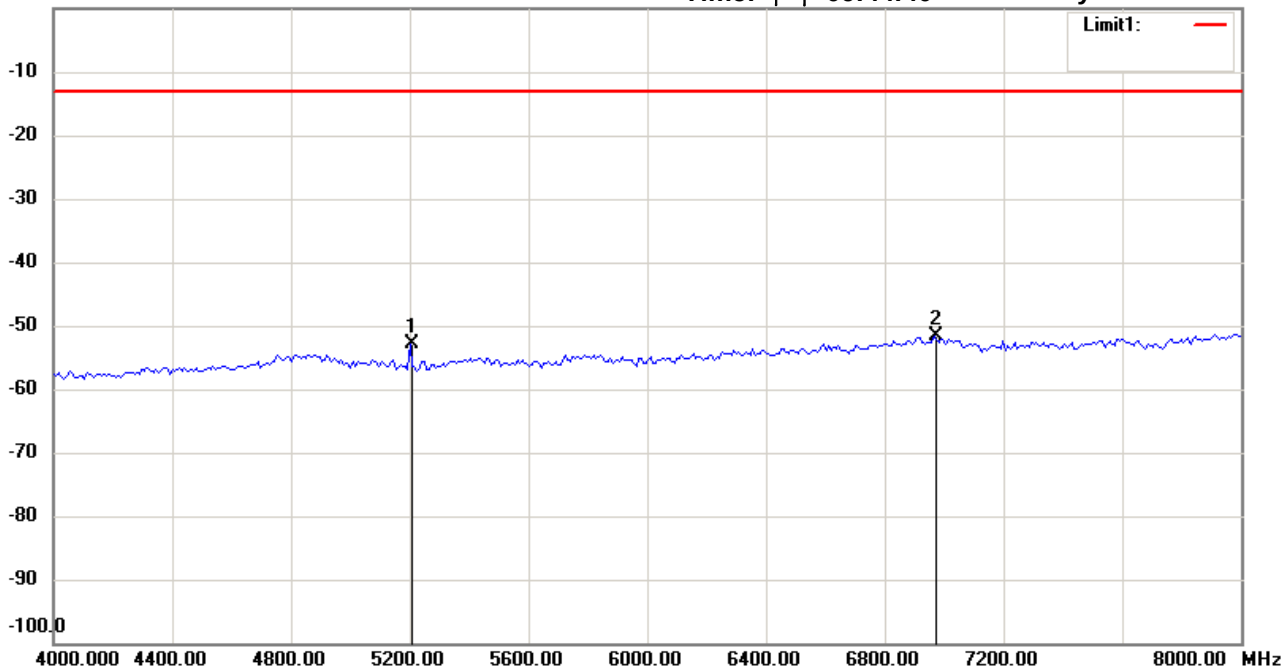
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:44:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5202.405	-64.09	peak	11.19	-52.90	-13.00	150	180	-39.90	
*	6965.932	-65.47	peak	13.88	-51.59	-13.00	150	60	-38.59	

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



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

Operator: Robert

File :3

Data :#6

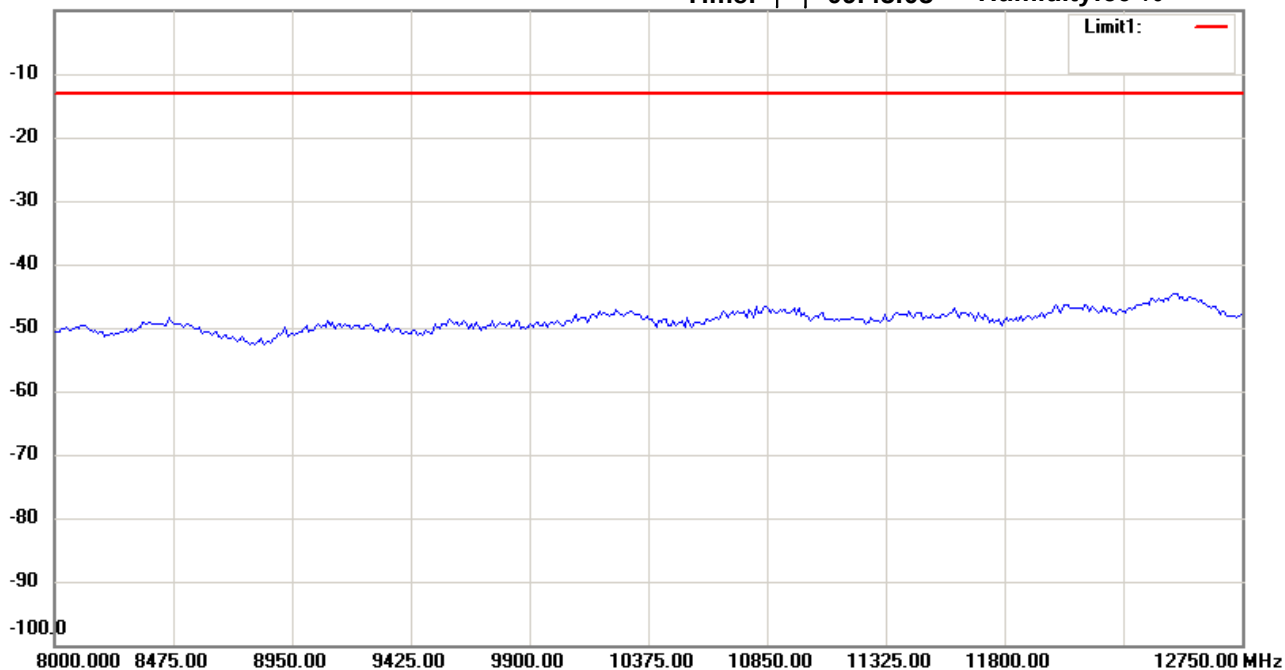
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:45:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDII CH9538 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

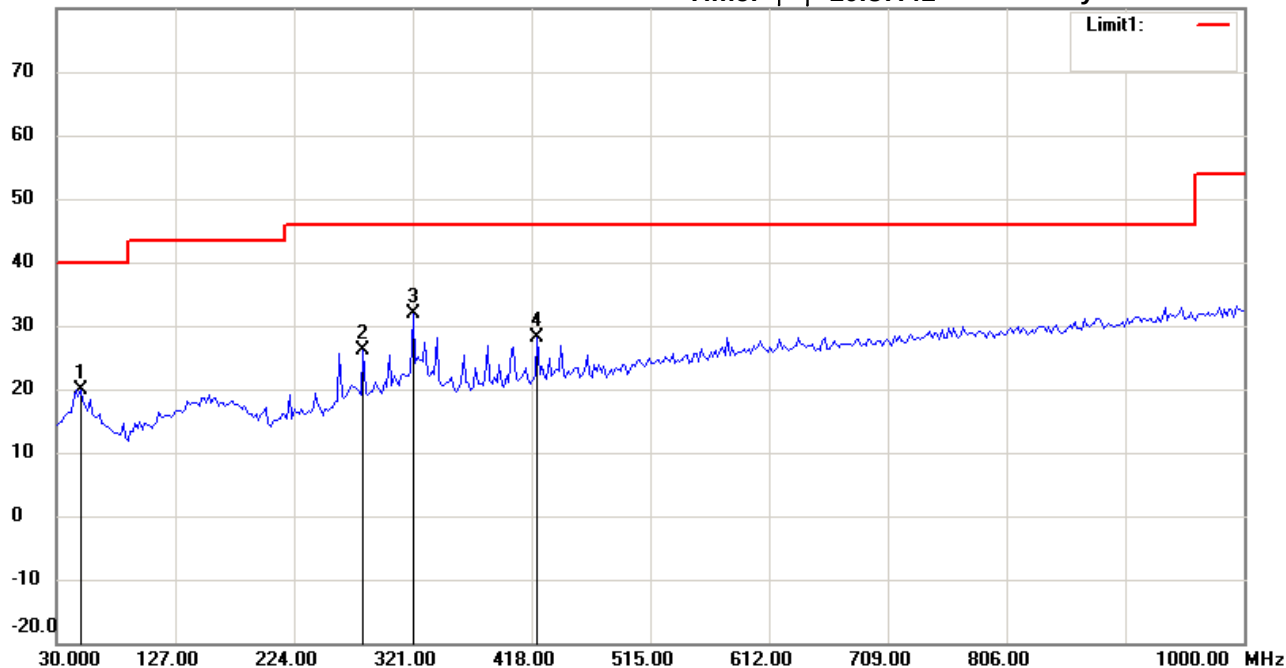
Date: 2014/12/9

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:37:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band II IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	49.4388	5.62	peak	14.25	19.87	40.00	100	95	-20.13	
	280.7615	10.55	peak	15.52	26.07	46.00	100	135	-19.93	
*	321.5831	15.47	peak	16.53	32.00	46.00	100	75	-14.00	
	422.6653	8.69	peak	19.35	28.04	46.00	100	110	-17.96	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

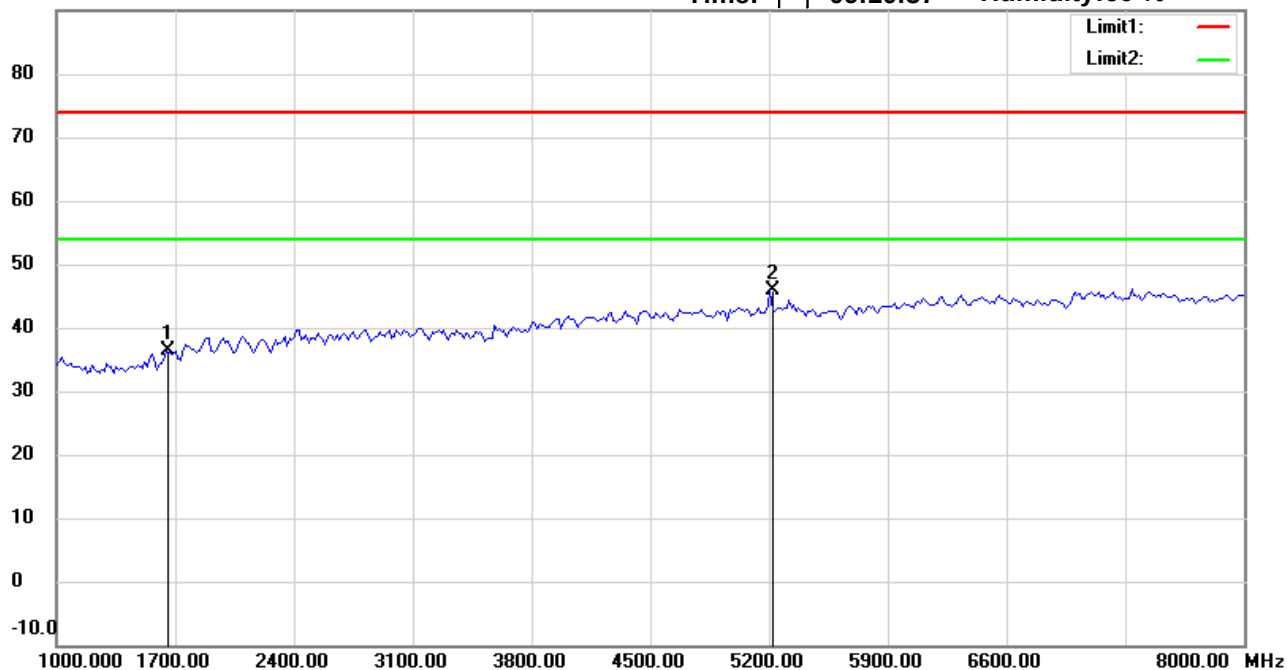
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:10:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band II IDLE

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1645.291	44.17	peak	-7.84	36.33	74.00	100	175	-37.67	
*	5208.417	44.21	peak	1.55	45.76	74.00	100	50	-28.24	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

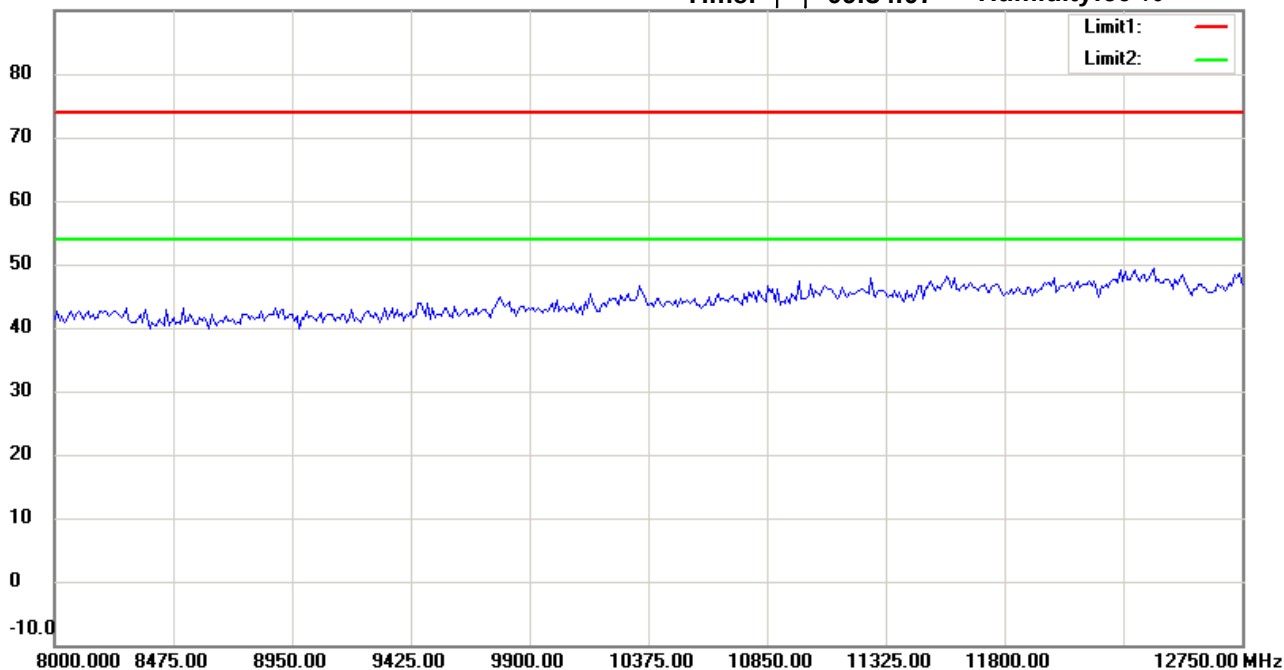
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:34:07

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band II IDLE

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#3

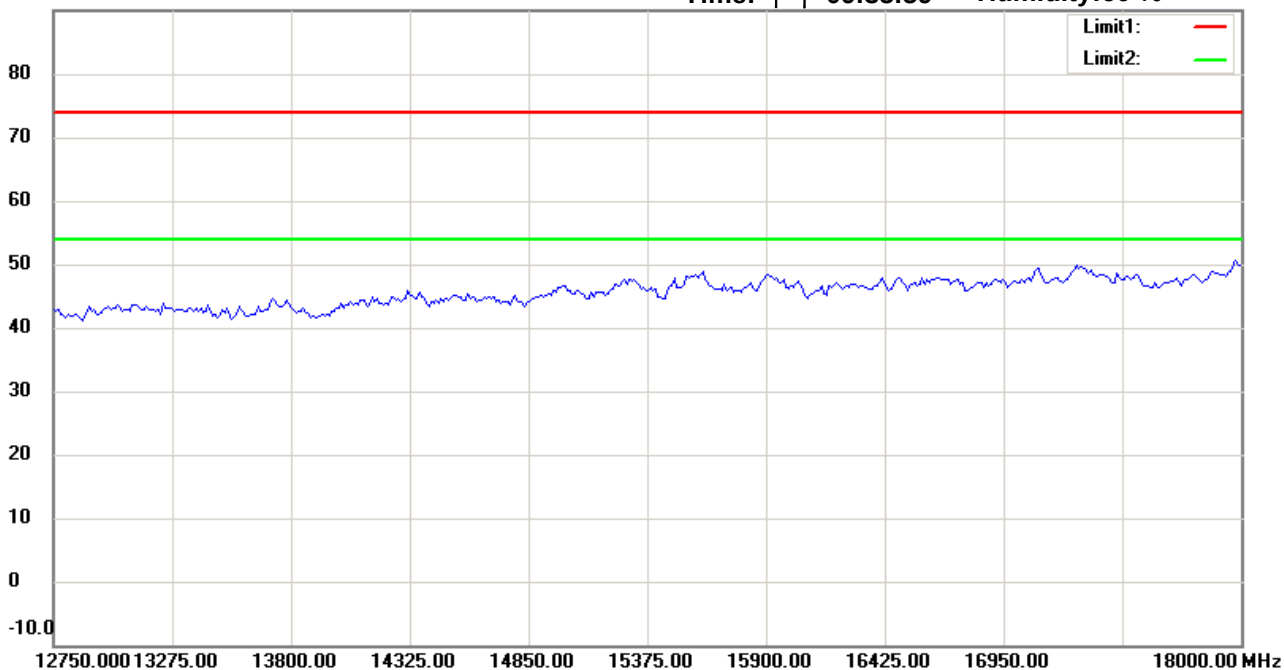
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:35:59

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band II IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

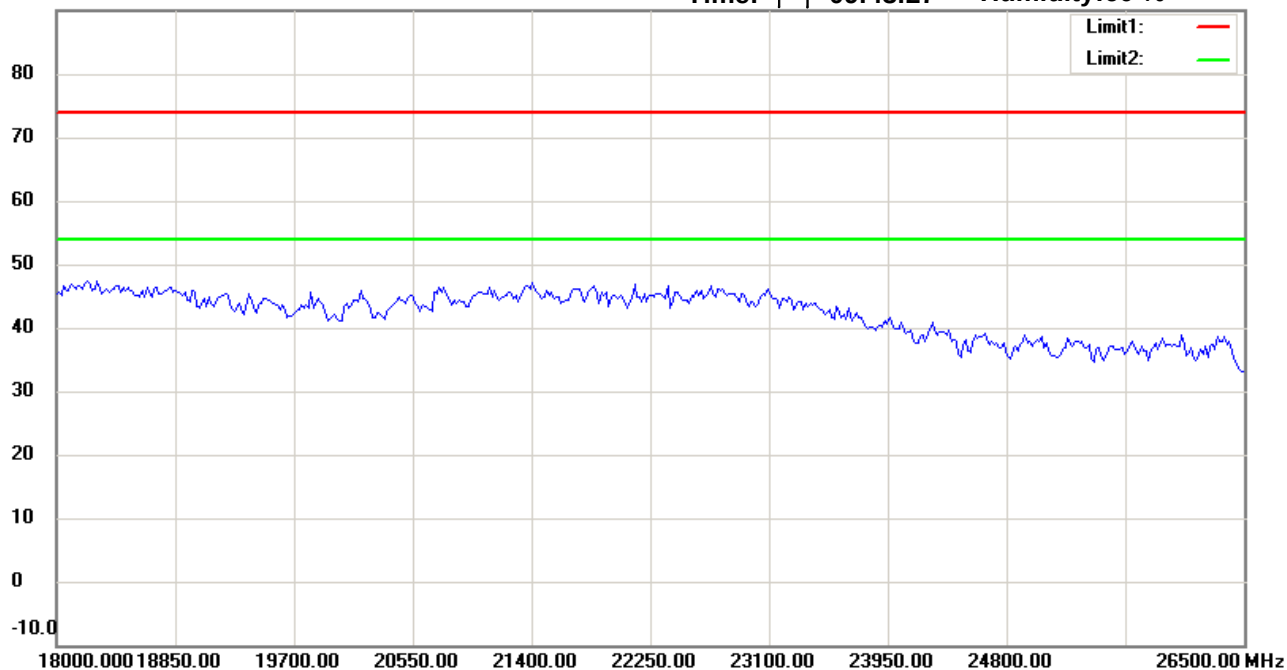
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:43:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band II IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :1

Data :#2

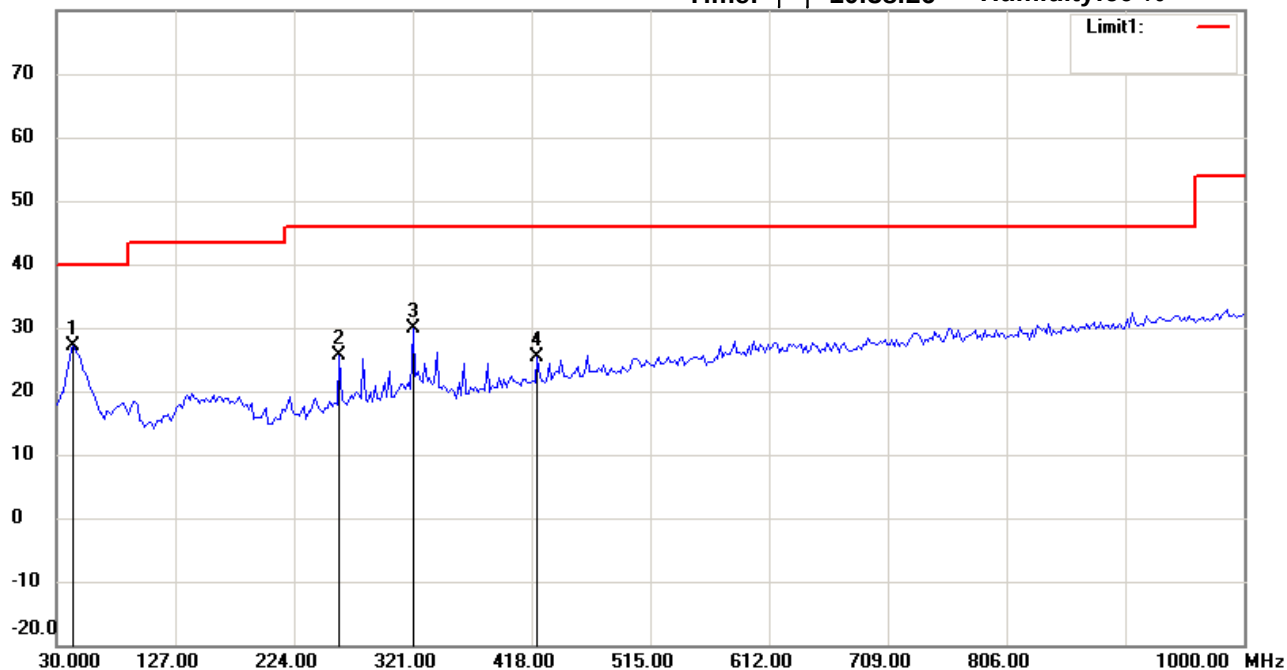
Date: 2014/12/9

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:38:26

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band II IDLE

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	43.6072	13.12	peak	14.05	27.17	40.00	100	145	-12.83	
	261.3226	10.83	peak	14.71	25.54	46.00	100	160	-20.46	
	321.5832	13.46	peak	16.53	29.99	46.00	100	90	-16.01	
	422.6653	6.15	peak	19.35	25.50	46.00	100	70	-20.50	

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



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

Operator: Leon

File :3

Data :#5

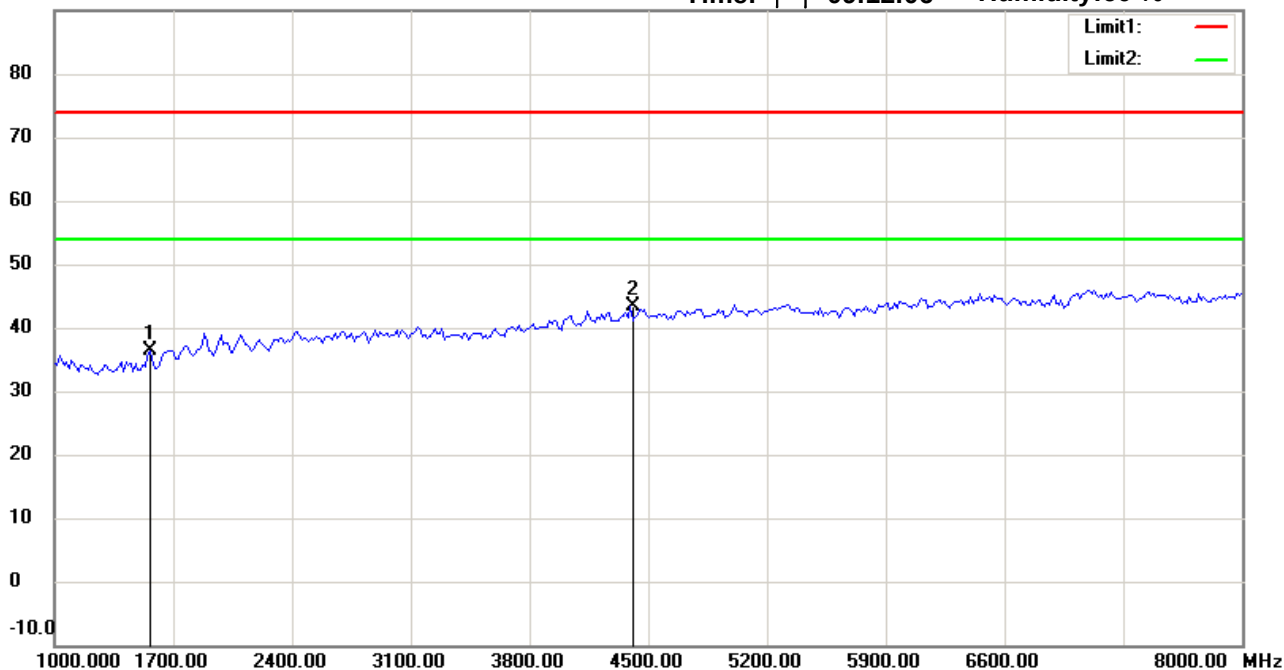
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:12:06

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band II IDLE

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1561.122	45.02	peak	-8.61	36.41	74.00	100	210	-37.59	
*	4394.790	44.34	peak	-0.88	43.46	74.00	100	135	-30.54	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

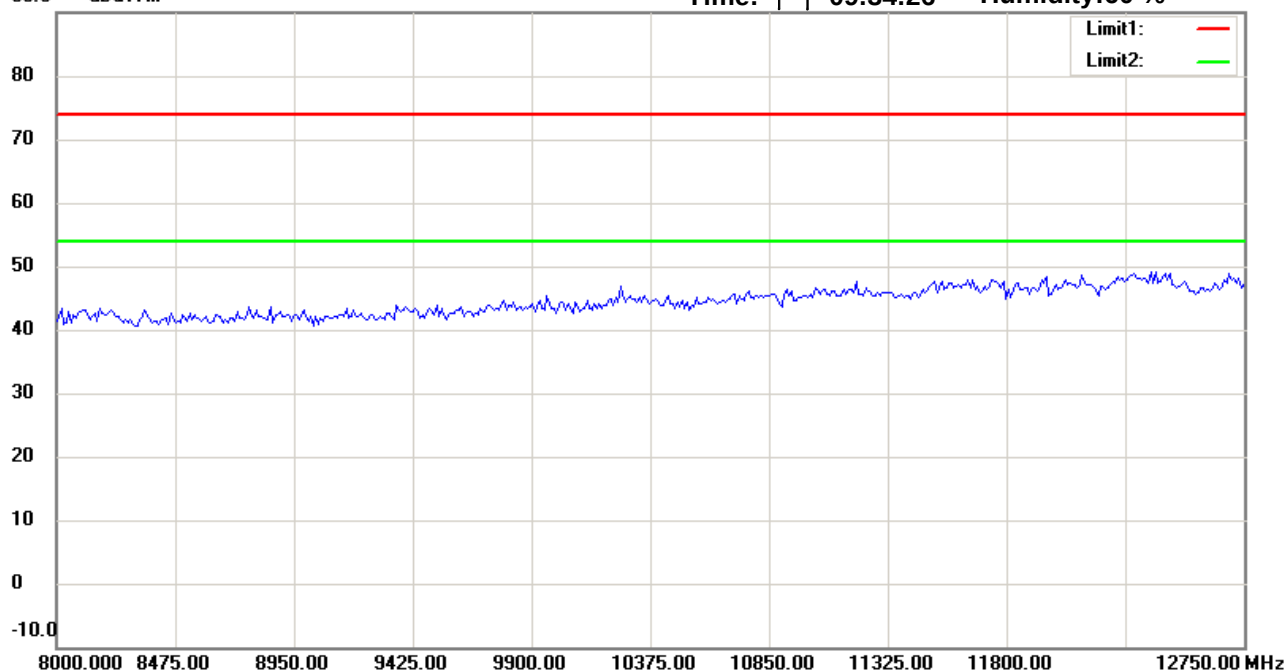
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:34:26

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band II IDLE

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#7

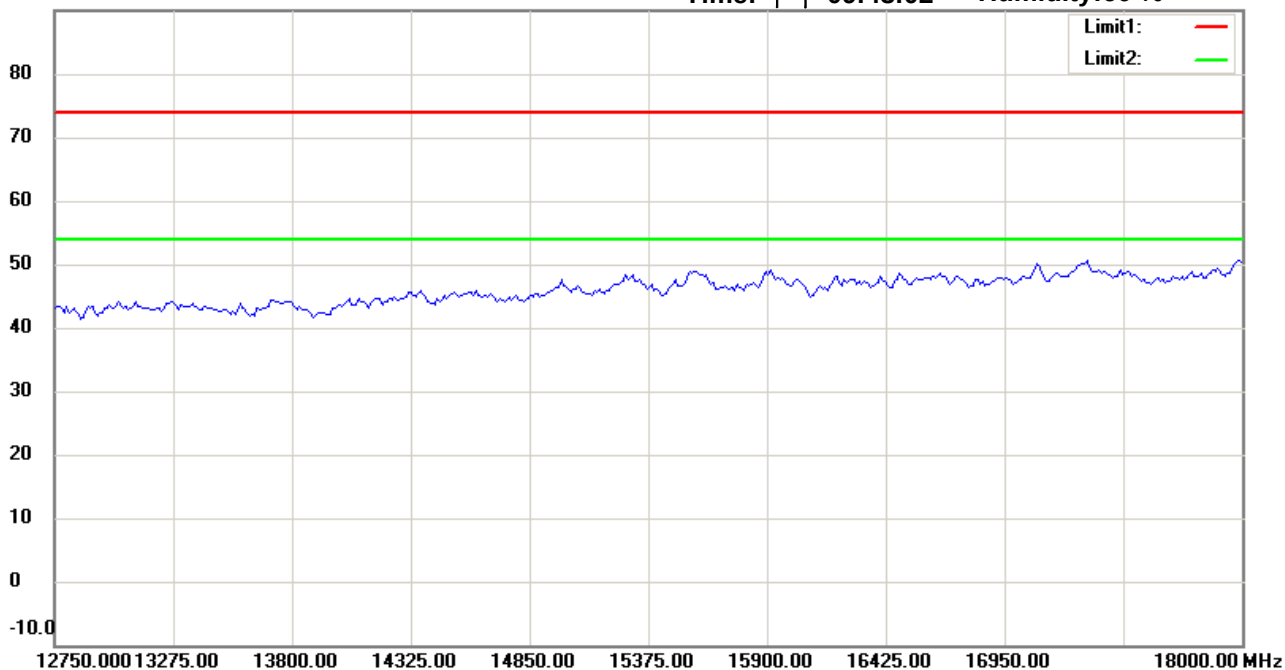
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:43:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band II IDLE

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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

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



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

Operator: Leon

File :3

Data :#8

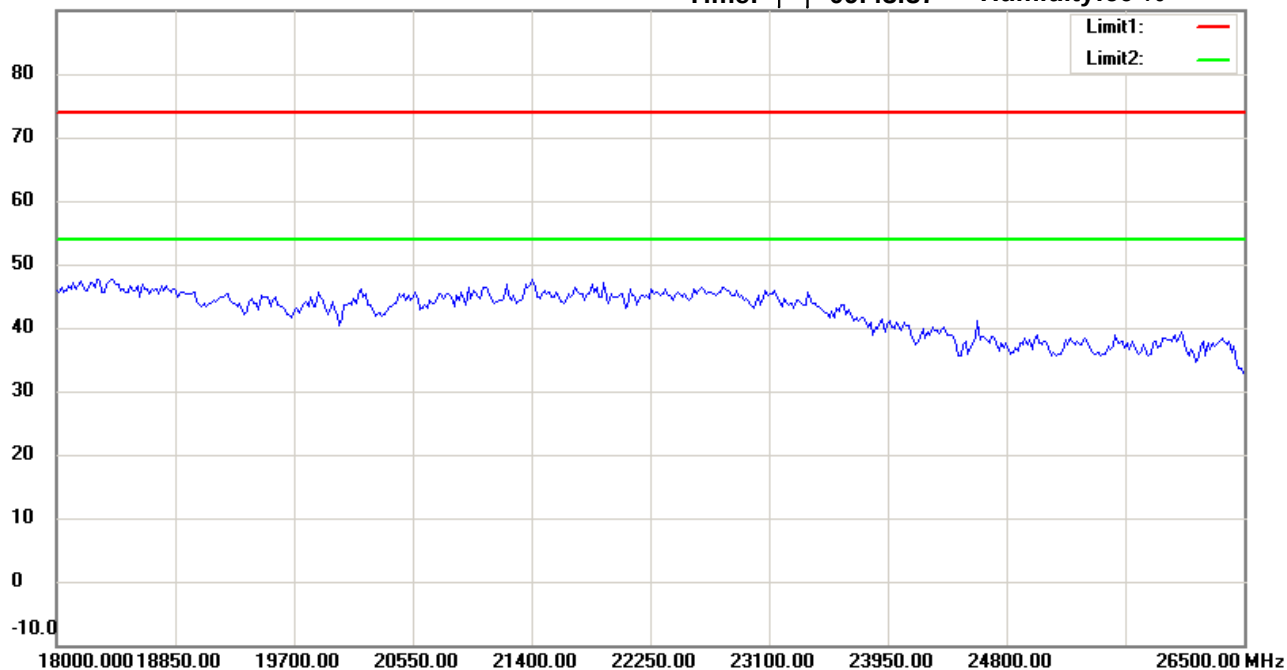
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:43:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band II IDLE

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Robert

File :1

Data :#1

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:13:09

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	46.3527	-101.39	peak	22.10	-79.29	-13.00	150	200	-66.29	
*	84.5090	-99.54	peak	21.48	-78.06	-13.00	150	140	-65.06	

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



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Radiated Emission Measurement

Operator: Robert

File :2

Data :#1

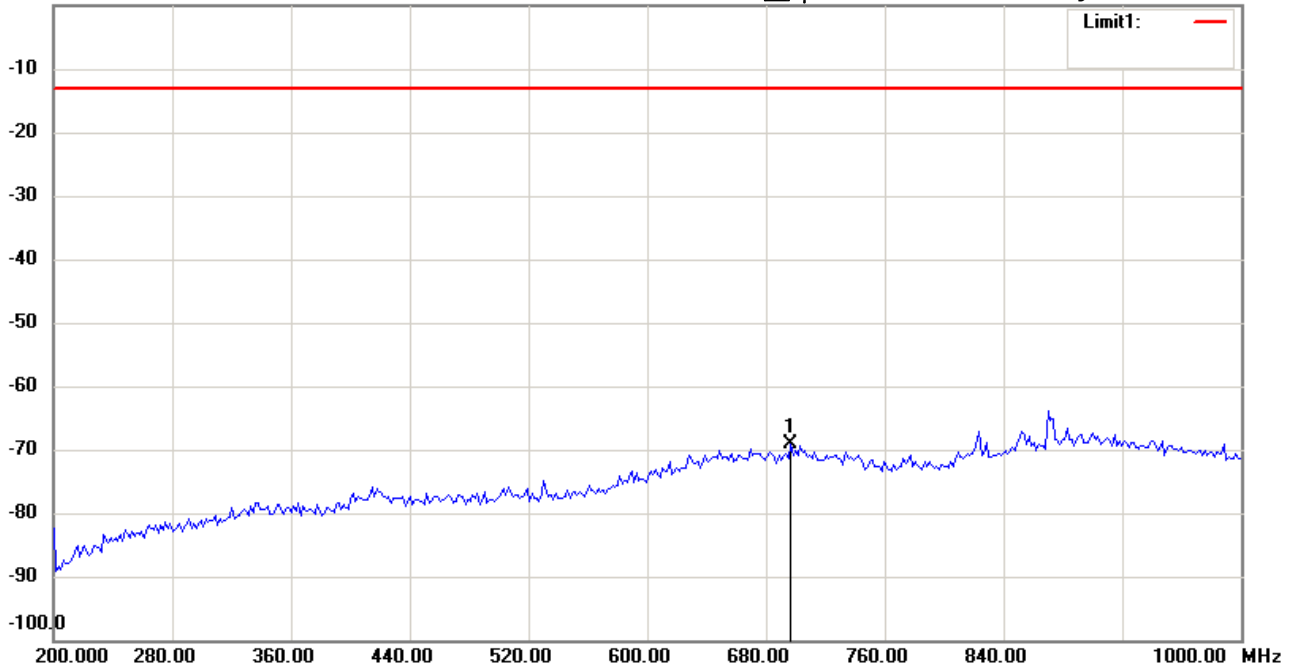
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:54:36

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	696.9940	-101.59	peak	32.43	-69.16	-13.00	150	130	-56.16	

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



Radiated Emission Measurement

Operator: Robert

File :3

Data :#4

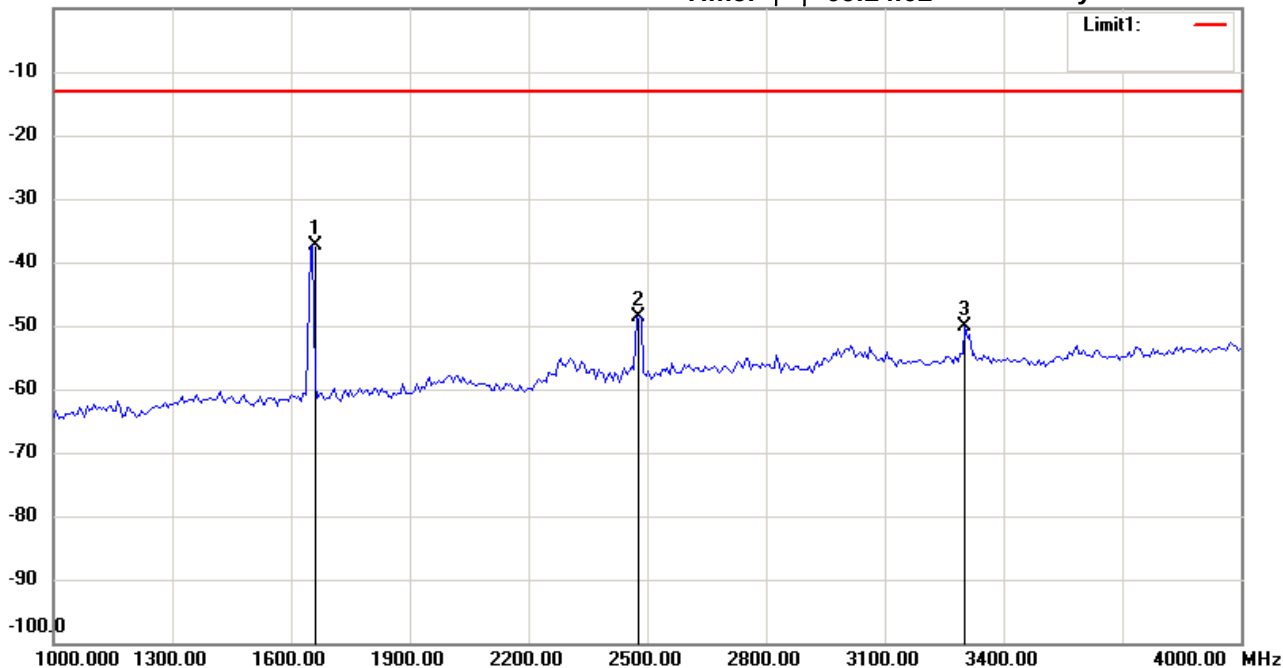
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:24:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1655.311	-38.20	peak	0.87	-37.33	-13.00	150	290	-24.33	
	2472.946	-52.83	peak	4.27	-48.56	-13.00	150	170	-35.56	
	3302.605	-57.60	peak	7.50	-50.10	-13.00	150	200	-37.10	



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Radiated Emission Measurement

Operator: Robert

File :3

Data :#5

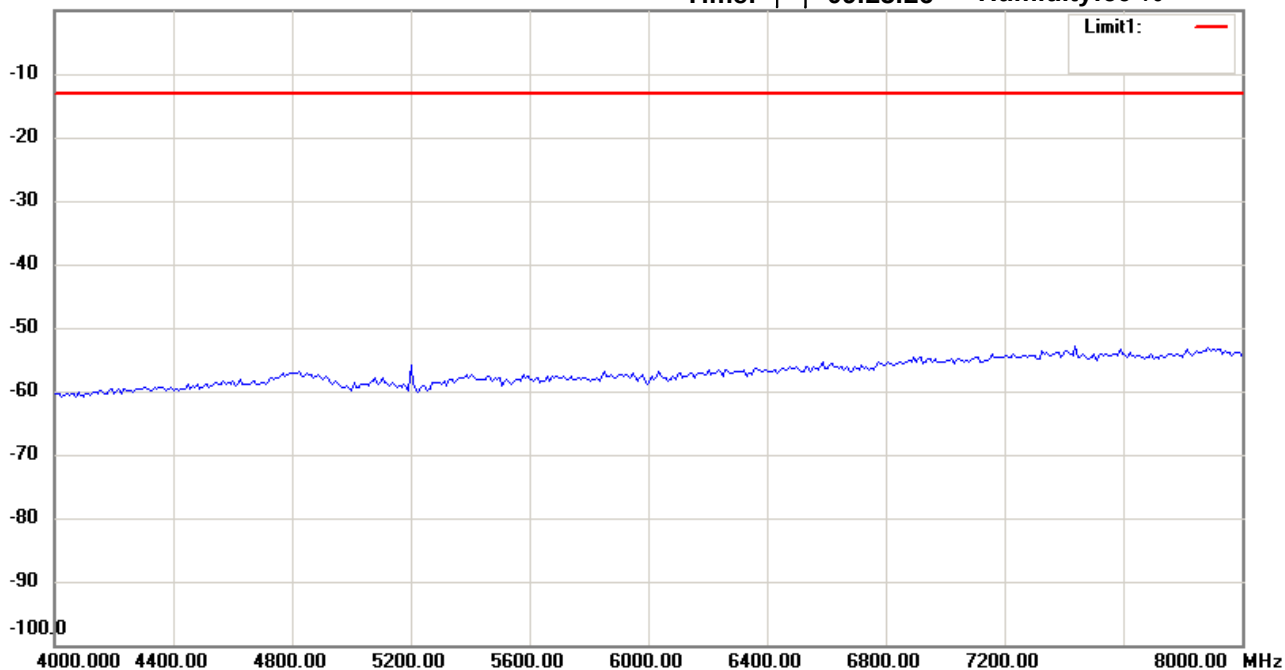
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:25:26

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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Radiated Emission Measurement

Operator: Robert

File :3

Data :#6

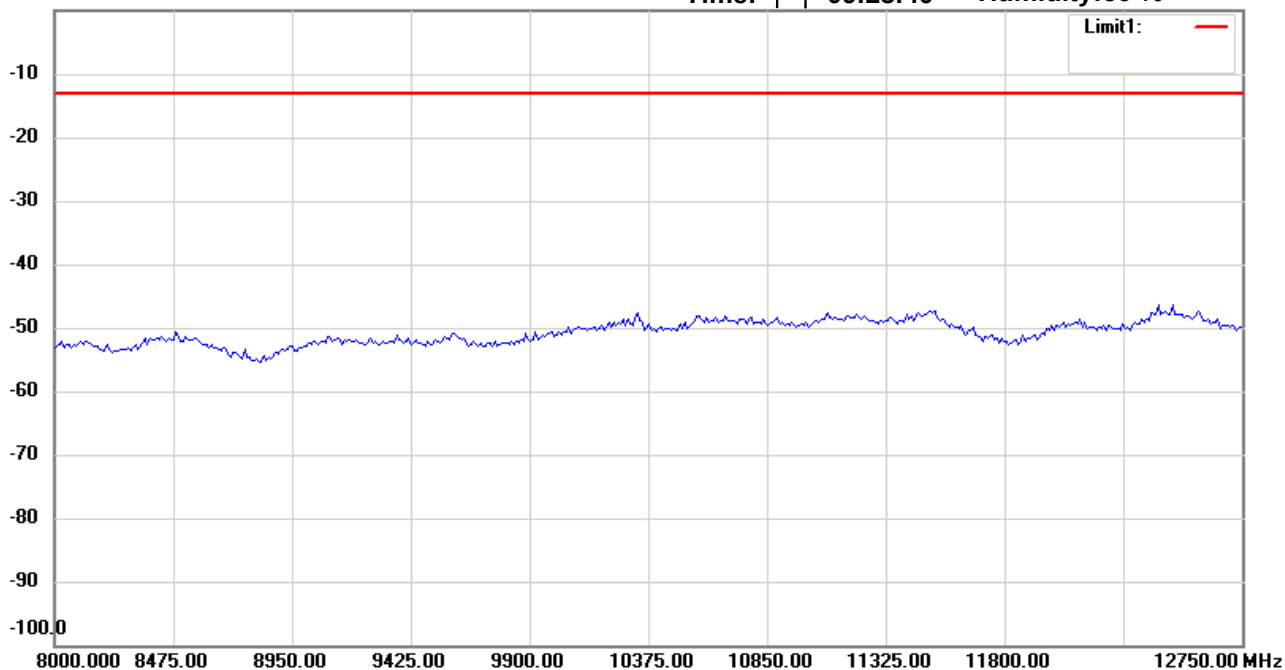
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:25:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :1

Data :#2

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:18:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	46.3527	-96.33	peak	20.82	-75.51	-13.00	150	200	-62.51	
*	77.6954	-94.04	peak	21.72	-72.32	-13.00	150	140	-59.32	

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



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

Operator: Robert

File :2

Data :#2

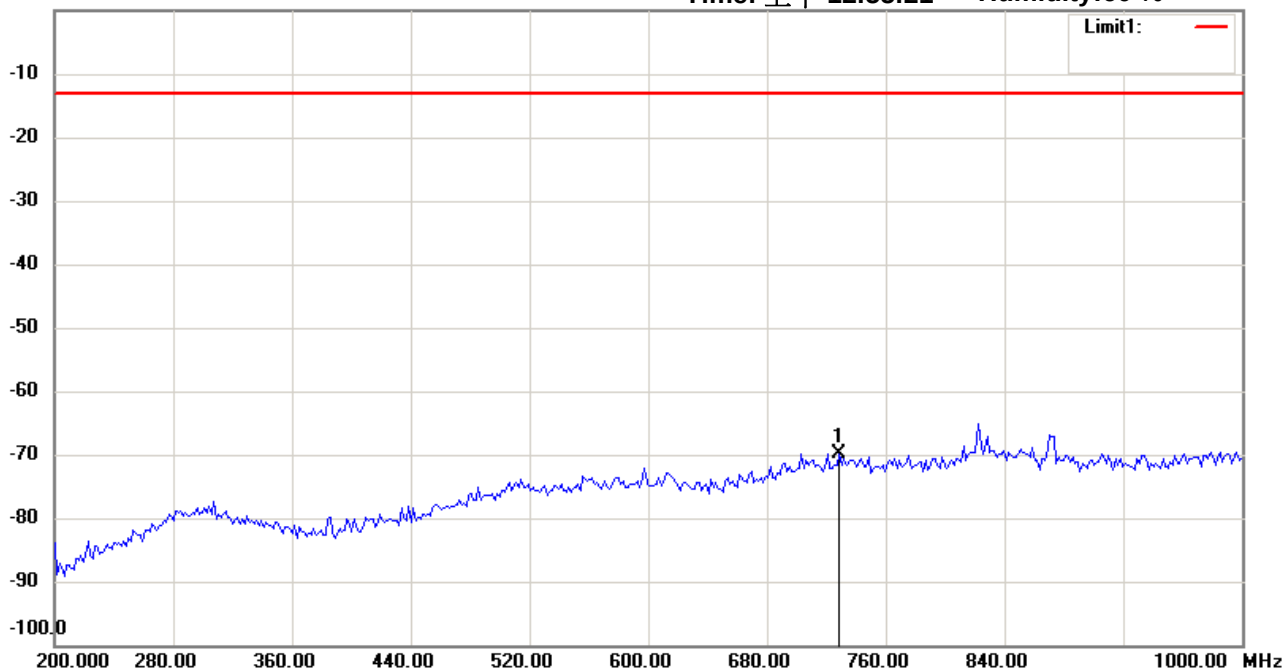
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:55:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	729.0581	-101.83	peak	32.06	-69.77	-13.00	150	200	-56.77	

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



Radiated Emission Measurement

Operator: Robert

File :3

Data :#1

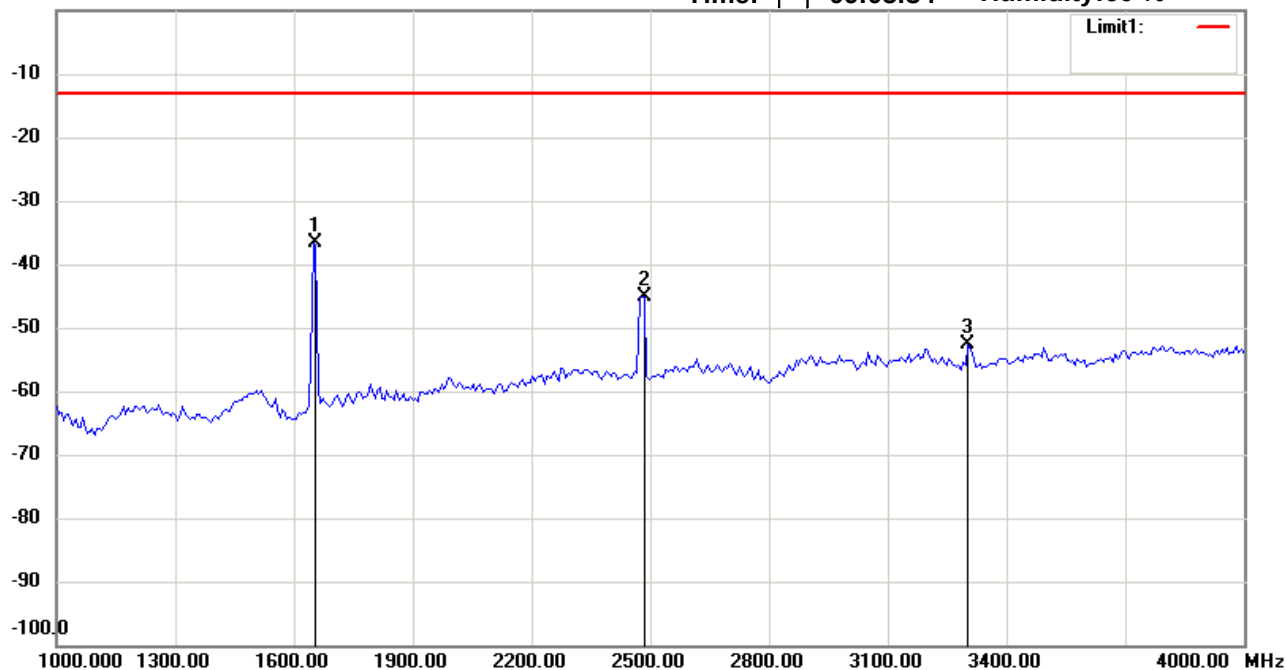
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:05:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1649.299	-35.69	peak	-0.86	-36.55	-13.00	150	200	-23.55	
	2478.958	-49.40	peak	4.23	-45.17	-13.00	150	140	-32.17	
	3302.605	-58.96	peak	6.32	-52.64	-13.00	150	200	-39.64	



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Radiated Emission Measurement

Operator: Robert

File :3

Data :#2

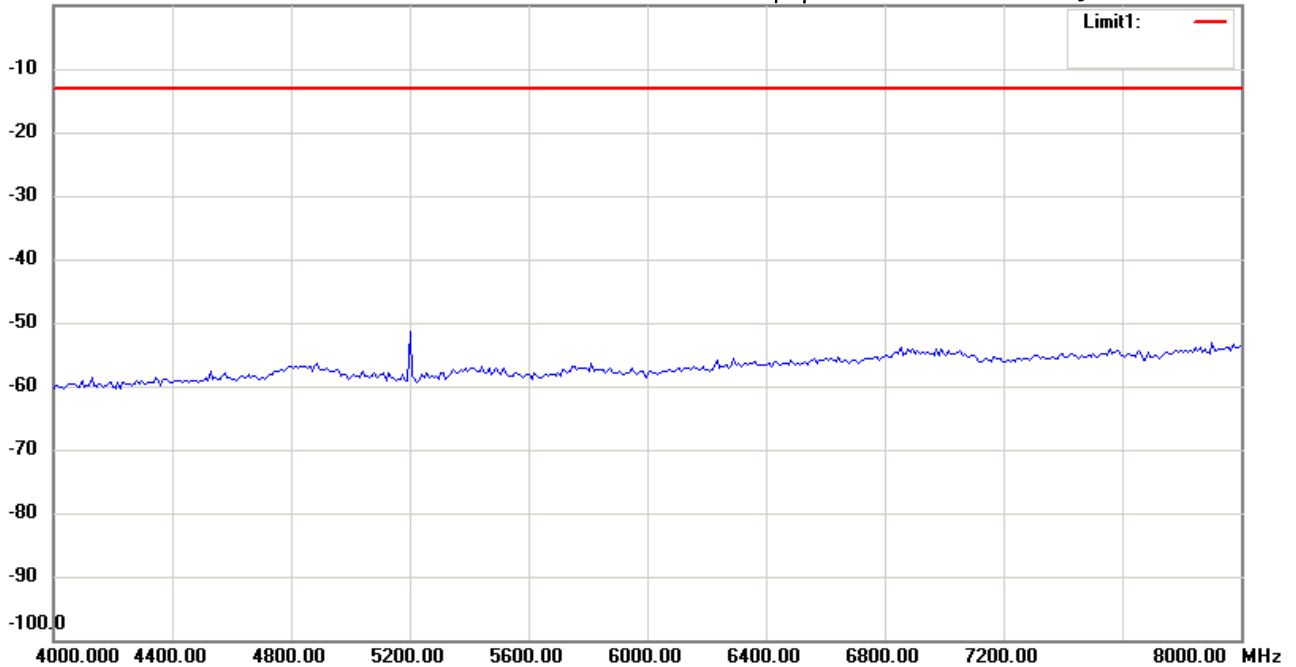
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:06:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :3

Data :#3

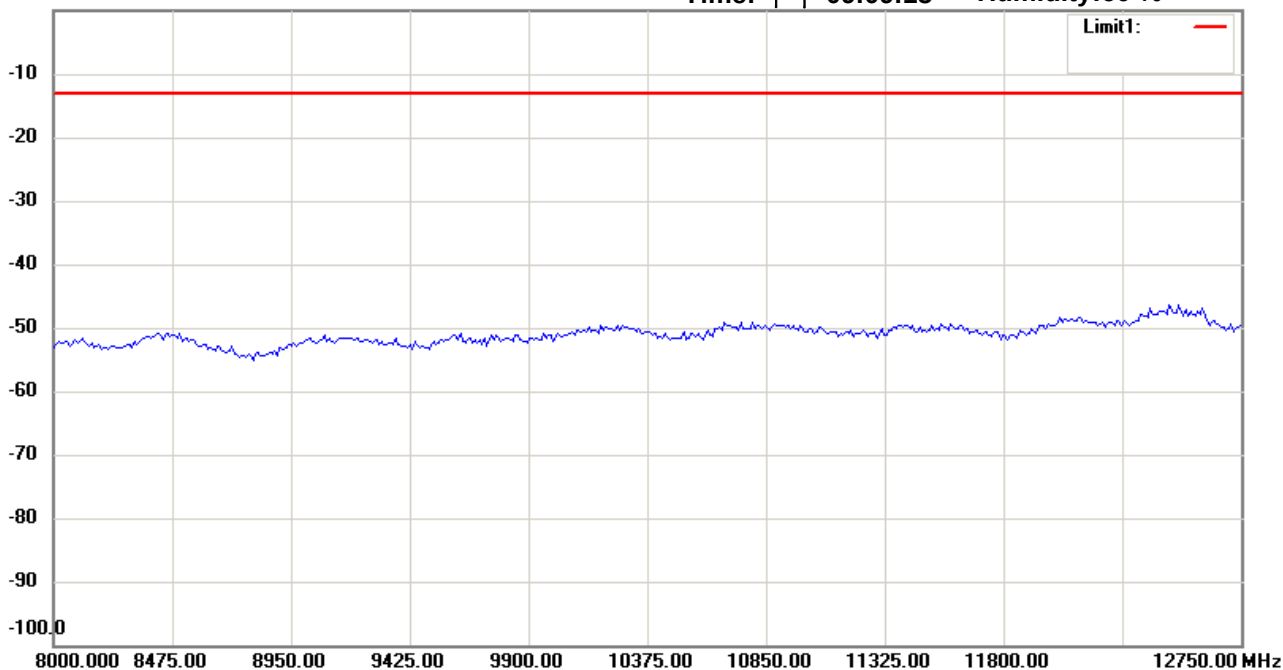
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:09:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4132 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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

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



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :1

Data :#1

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:14:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	78.7174	-95.55	peak	21.93	-73.62	-13.00	150	100	-60.62	
*	85.8717	-94.26	peak	21.29	-72.97	-13.00	150	230	-59.97	

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



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

Operator: Robert

File :2

Data :#2

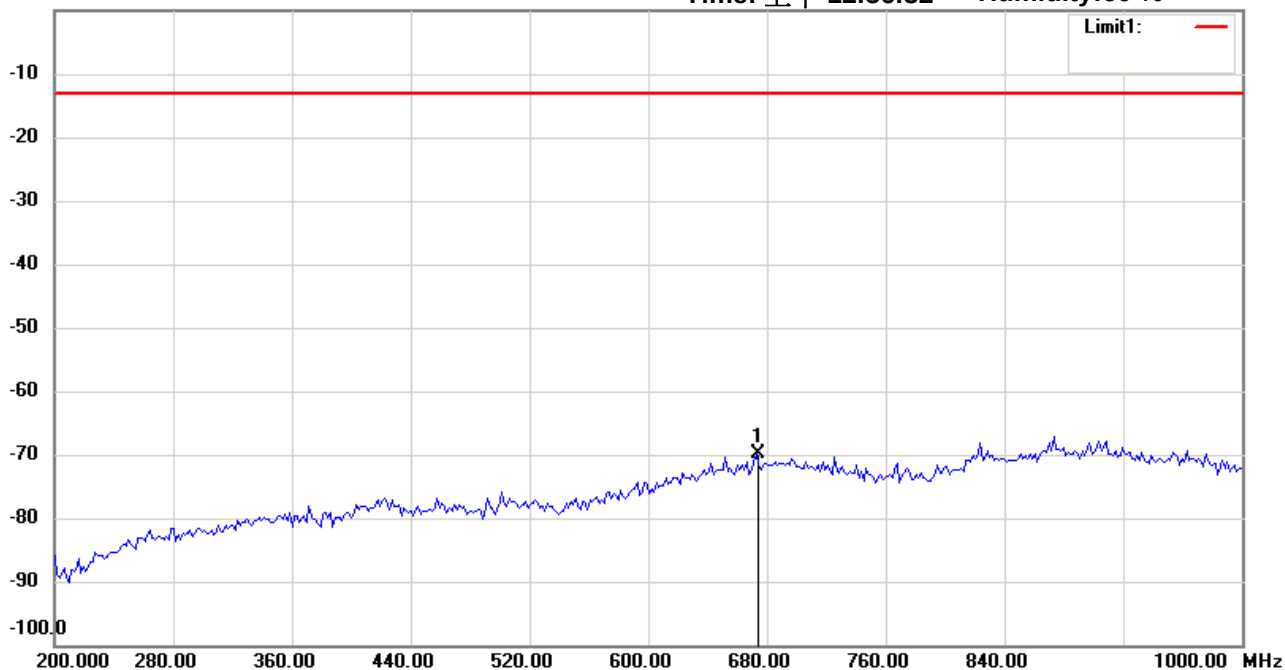
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:56:32

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	672.9460	-102.59	peak	32.68	-69.91	-13.00	150	30	-56.91	

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



Radiated Emission Measurement

Operator: Robert

File :3

Data :#4

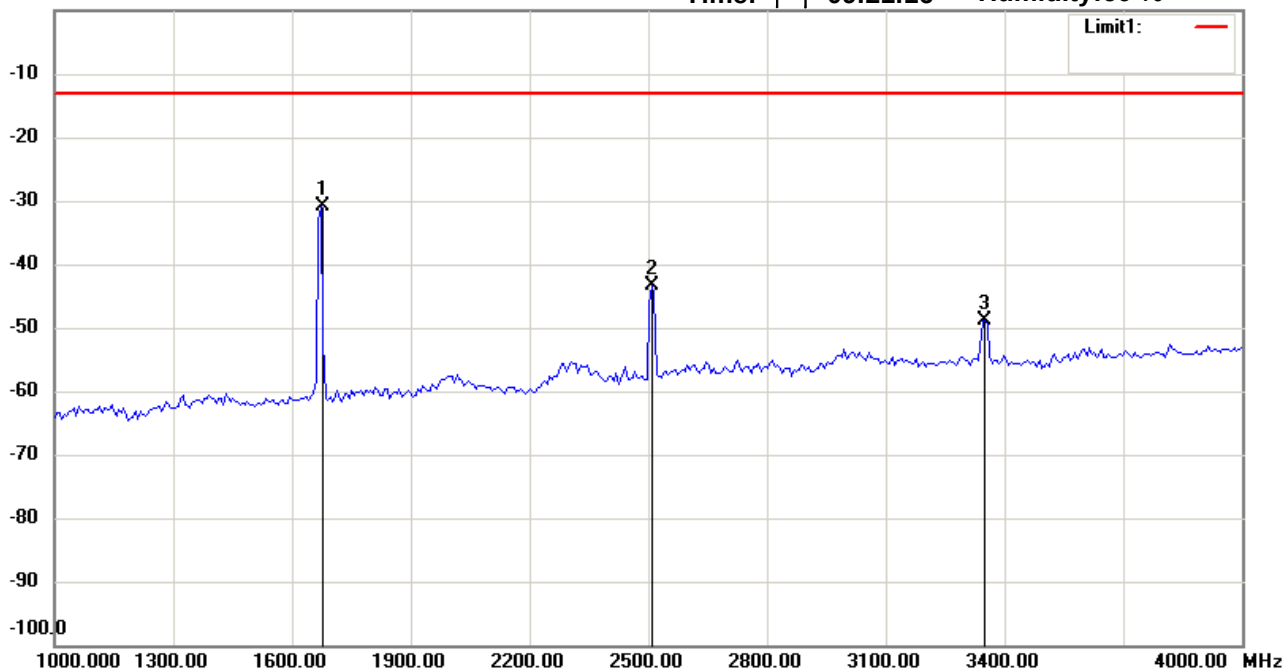
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:21:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1673.347	-31.89	peak	0.93	-30.96	-13.00	150	260	-17.96	
	2509.018	-47.97	peak	4.60	-43.37	-13.00	150	190	-30.37	
	3350.701	-56.51	peak	7.60	-48.91	-13.00	150	230	-35.91	



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Radiated Emission Measurement

Operator: Robert

File :3

Data :#5

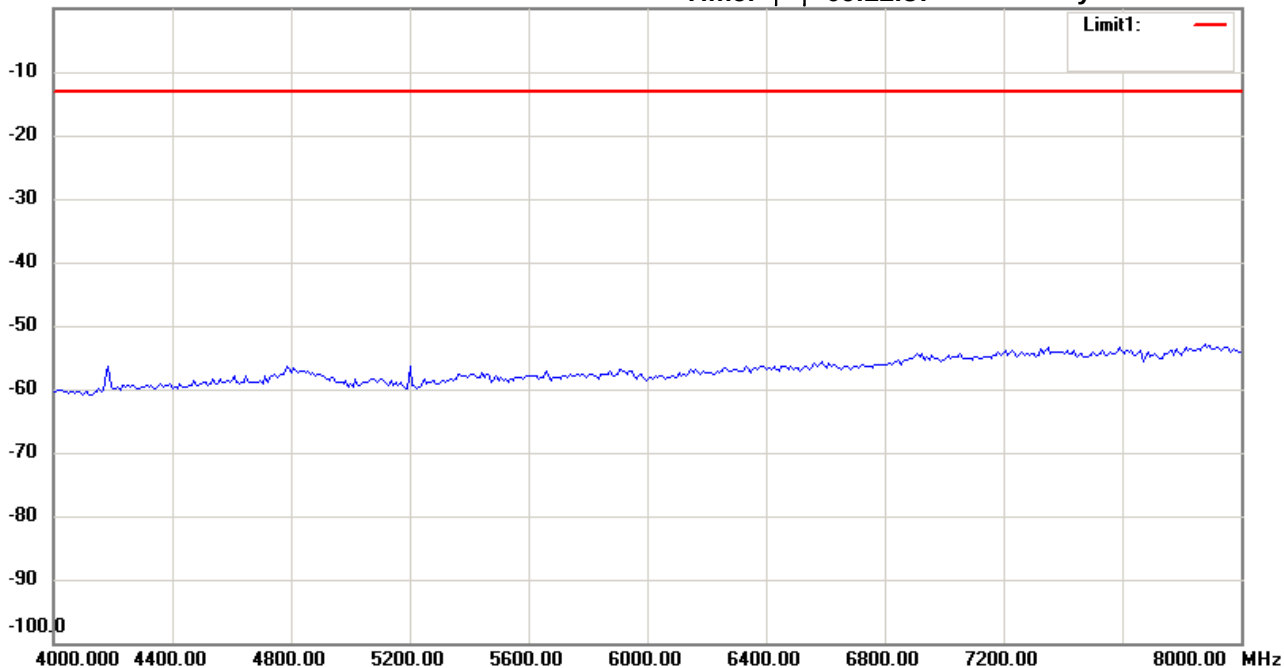
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:22:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :3

Data :#6

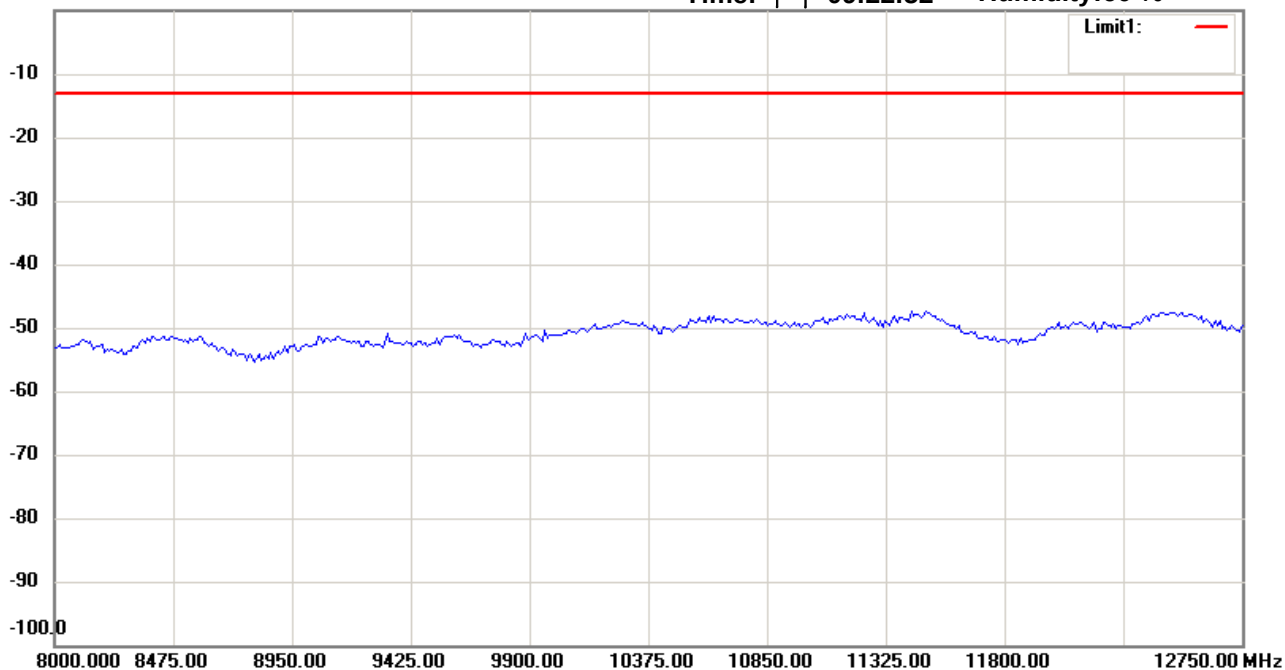
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:22:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :1

Data :#2

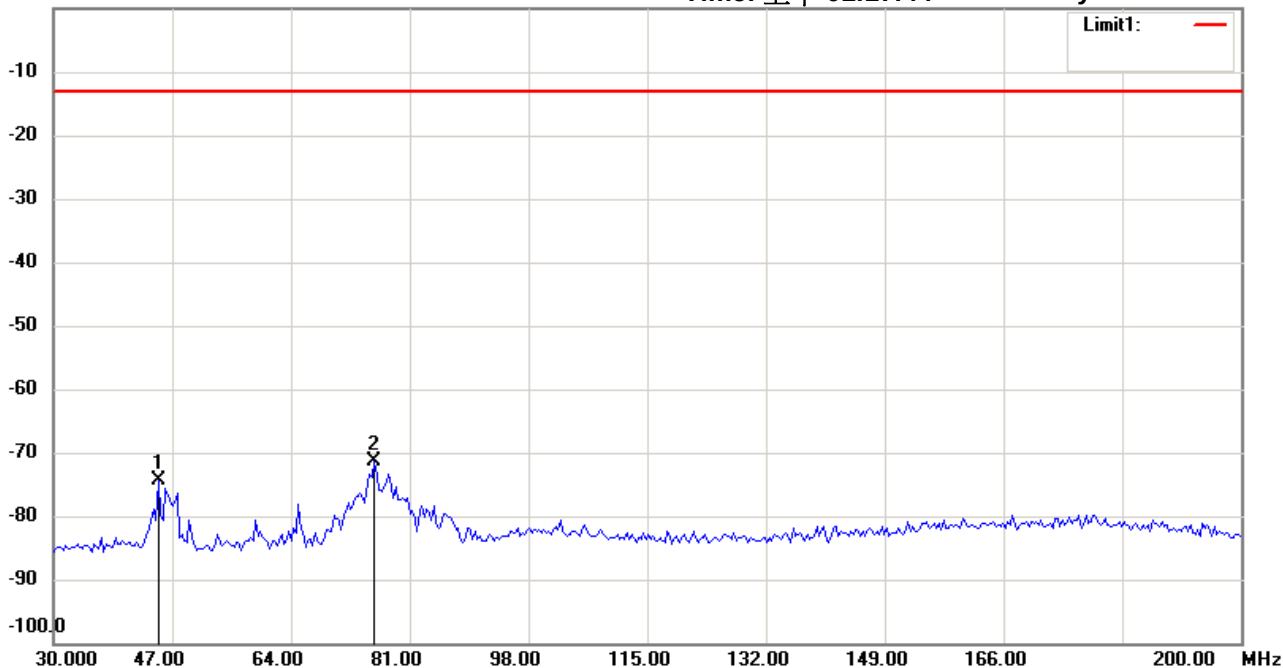
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:17:44

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	44.9900	-95.38	peak	20.97	-74.41	-13.00	150	200	-61.41	
*	75.9920	-92.91	peak	21.44	-71.47	-13.00	150	160	-58.47	

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



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

Radiated Emission Measurement

Operator: Robert

File :2

Data :#1

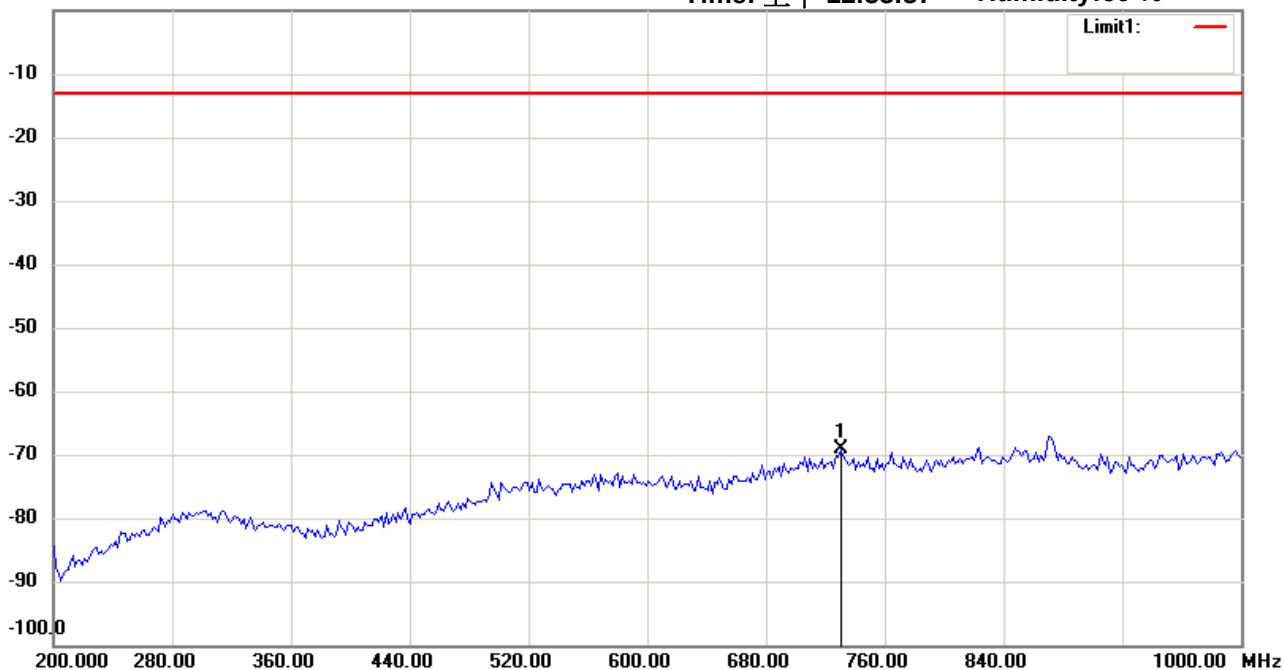
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:55:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	730.6613	-101.29	peak	32.05	-69.24	-13.00	150	60	-56.24	

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



Radiated Emission Measurement

Operator: Robert

File :3

Data :#1

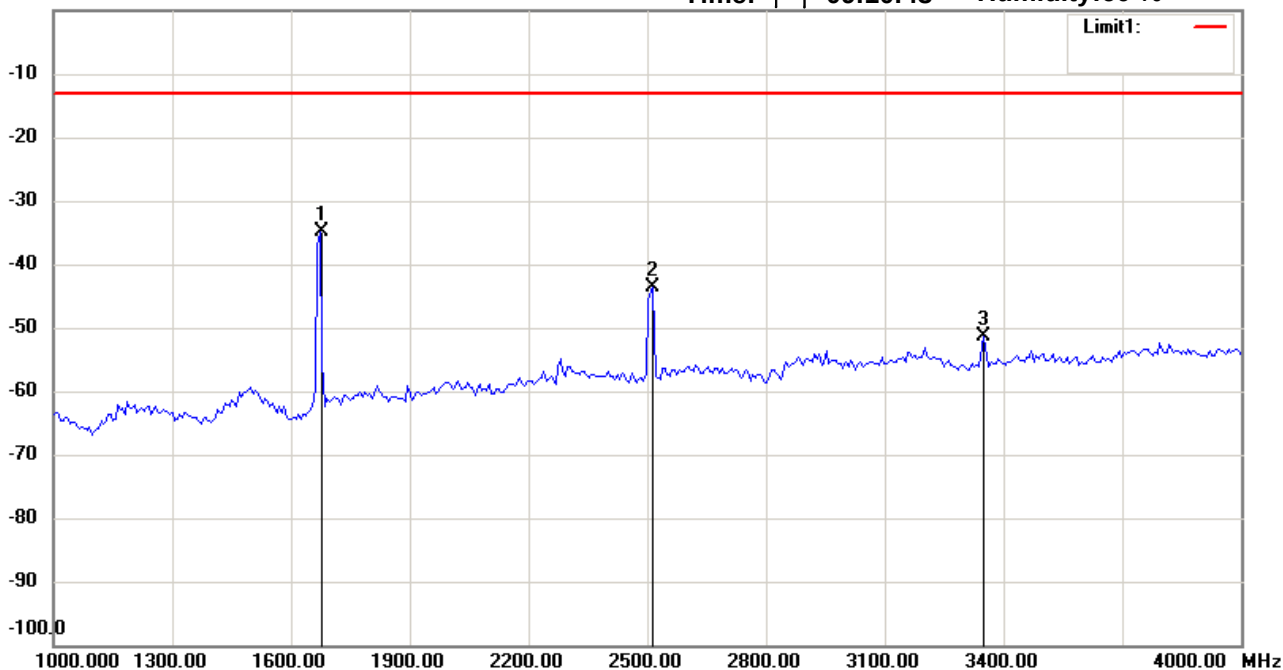
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:10:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1673.347	-34.78	peak	-0.10	-34.88	-13.00	150	100	-21.88	
	2515.030	-48.01	peak	4.49	-43.52	-13.00	150	240	-30.52	
	3350.701	-58.46	peak	7.01	-51.45	-13.00	150	290	-38.45	



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Radiated Emission Measurement

Operator: Robert

File :3

Data :#2

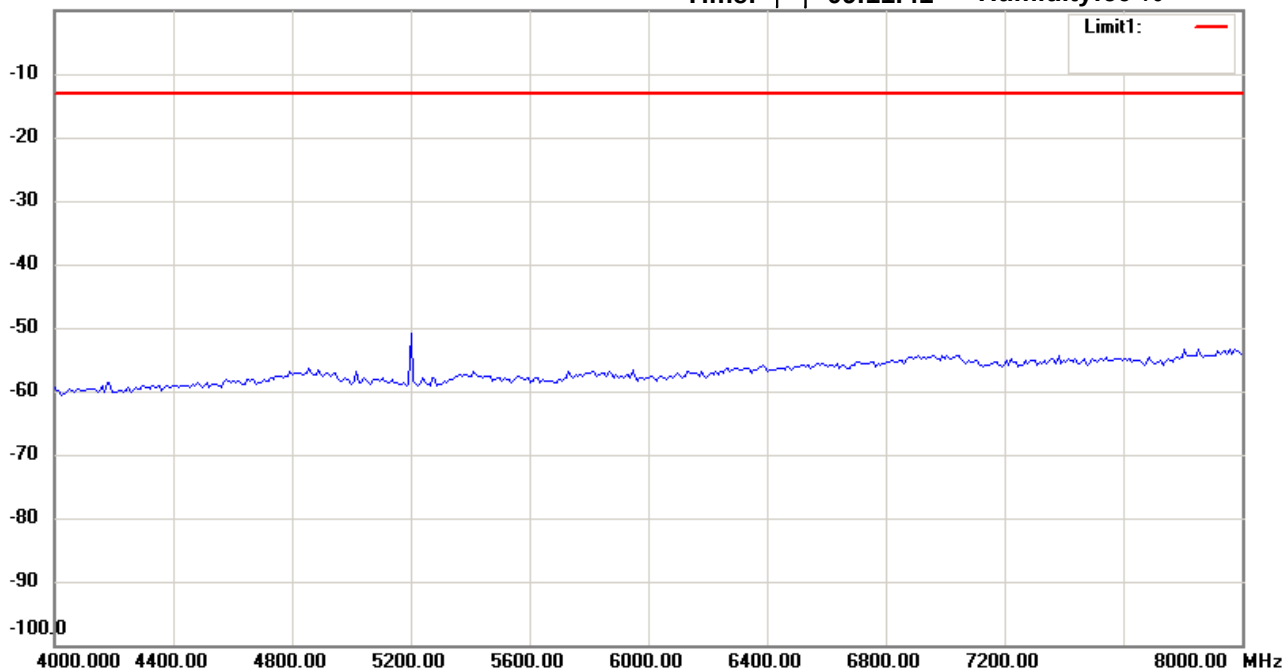
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:11:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: **Vertical**

Power : 3.7V .d.c

Distance: 3m

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



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

Operator: Robert

File :3

Data :#3

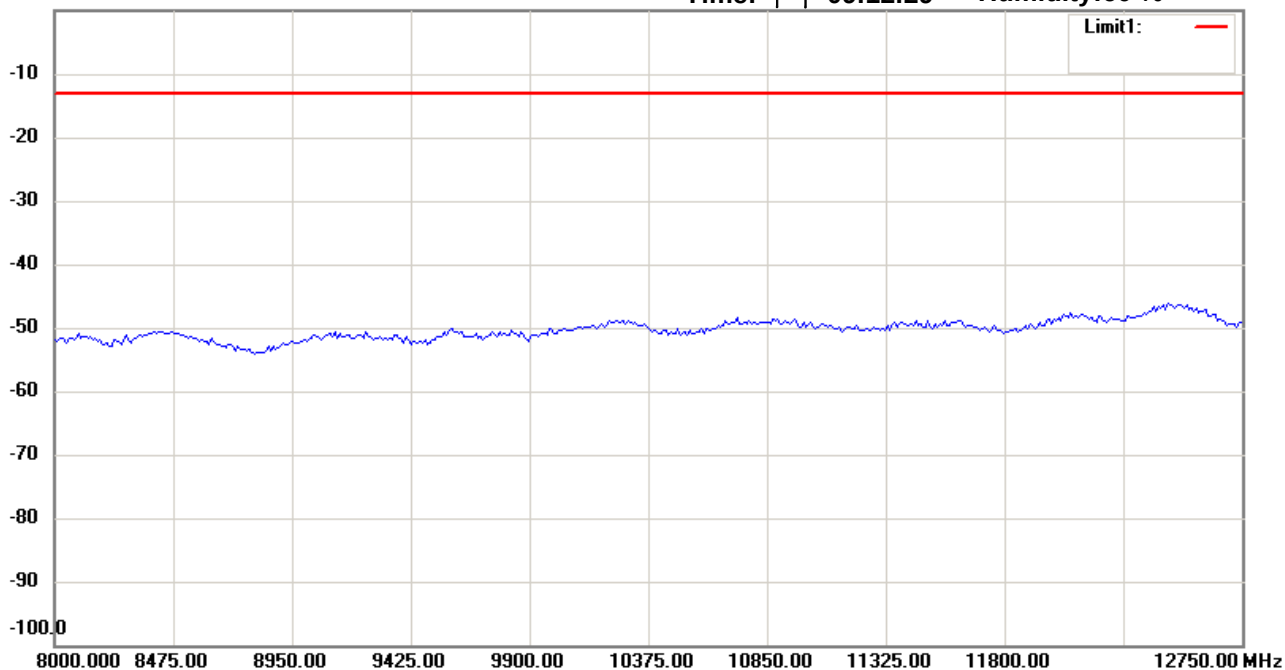
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:12:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4183 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Robert

File :1

Data :#1

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:15:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	79.0581	-96.02	peak	21.97	-74.05	-13.00	150	140	-61.05	
	86.2124	-99.37	peak	21.25	-78.12	-13.00	150	210	-65.12	

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



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

Operator: Robert

File :2

Data :#1

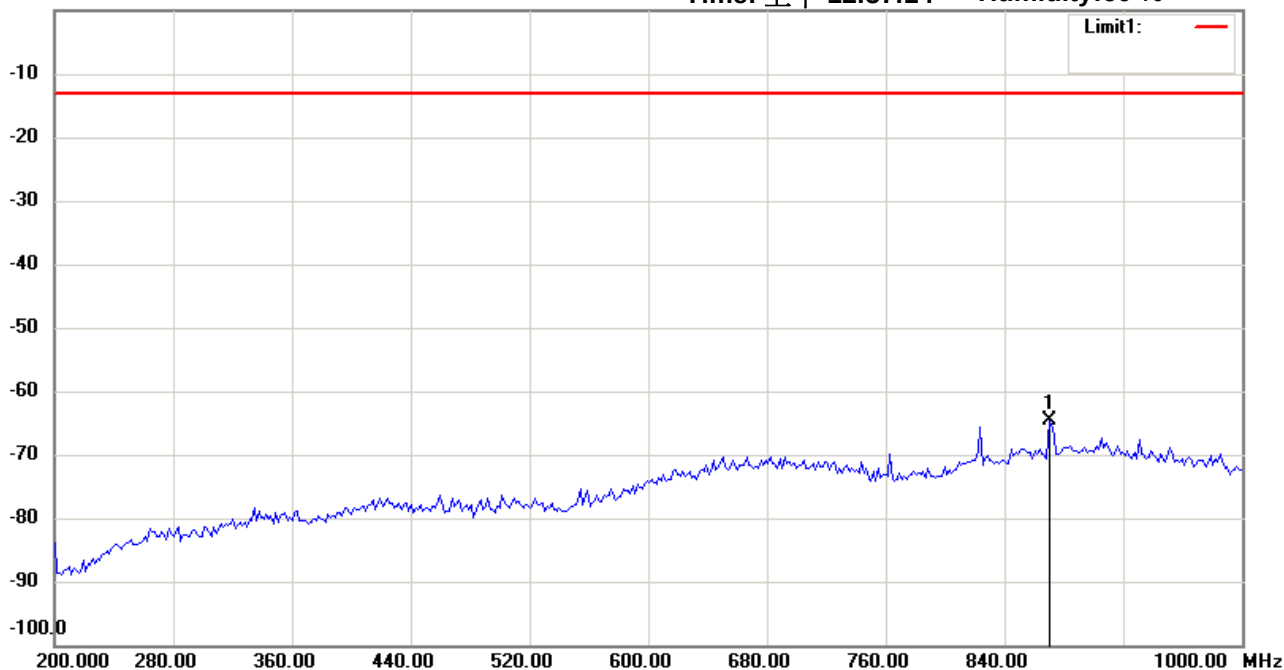
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:57:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	870.1403	-98.13	peak	33.45	-64.68	-13.00	150	60	-51.68	

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



Radiated Emission Measurement

Operator: Robert

File :3

Data :#4

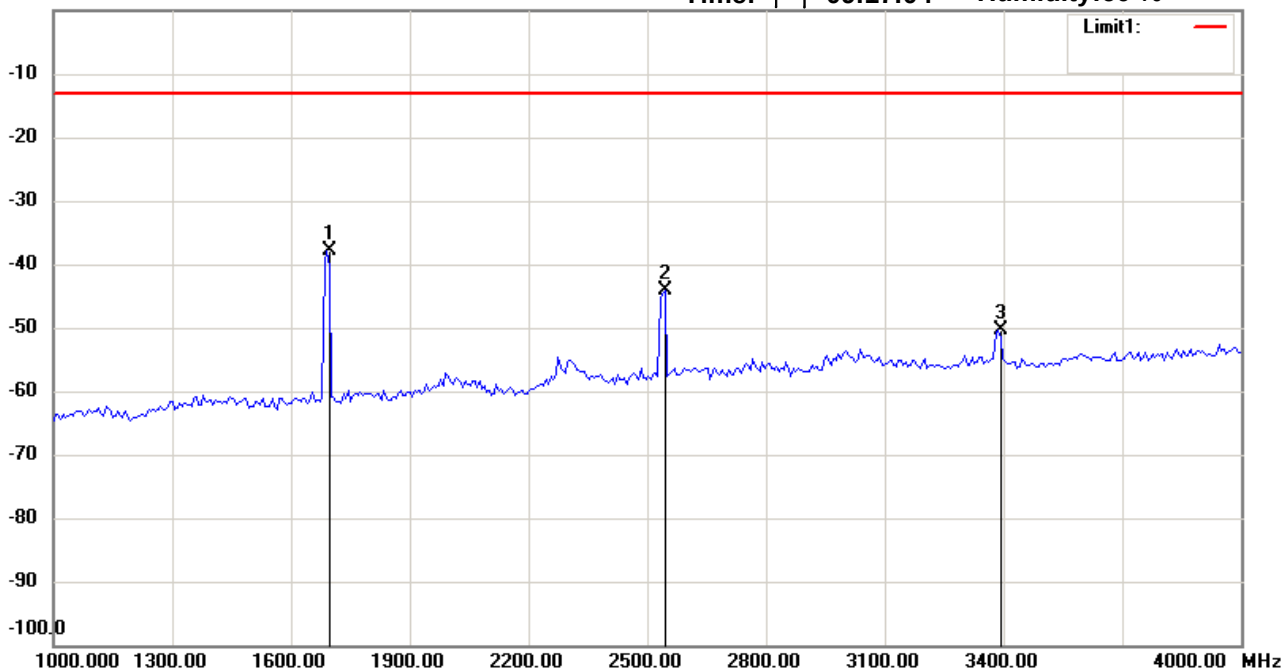
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:17:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1691.383	-38.92	peak	0.99	-37.93	-13.00	150	250	-24.93	
	2545.090	-49.21	peak	5.09	-44.12	-13.00	150	160	-31.12	
	3386.774	-57.95	peak	7.67	-50.28	-13.00	150	140	-37.28	



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Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :3

Data :#5

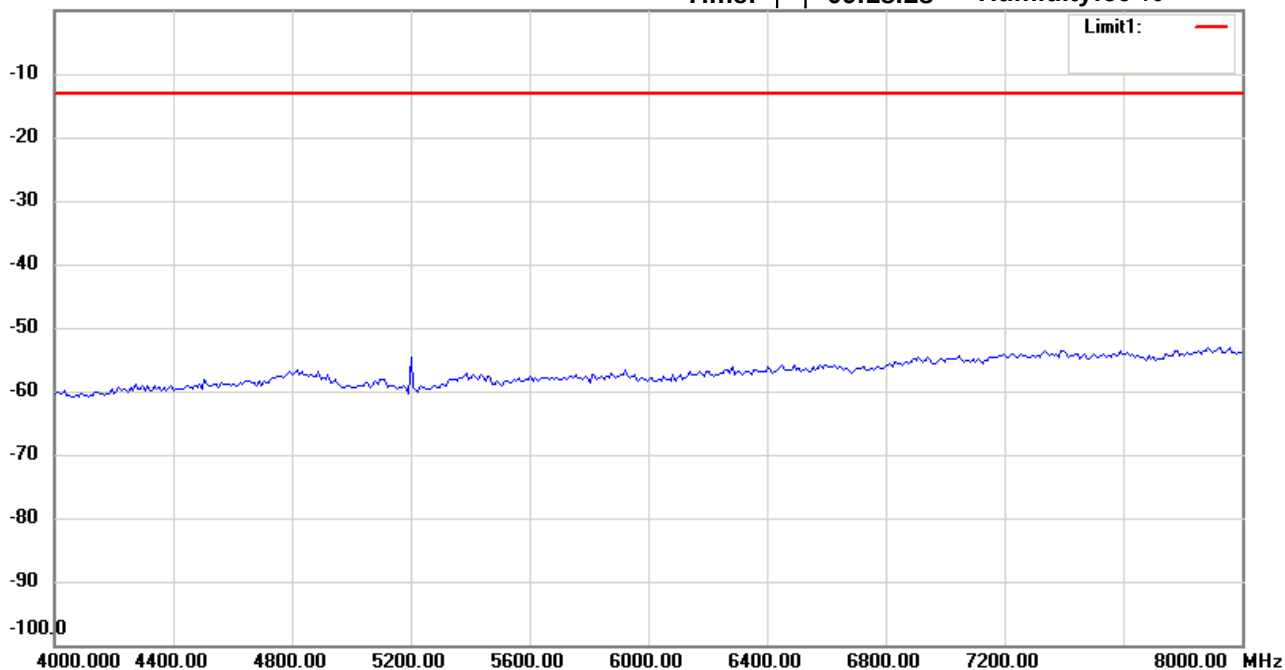
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:18:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Robert

File :3

Data :#6

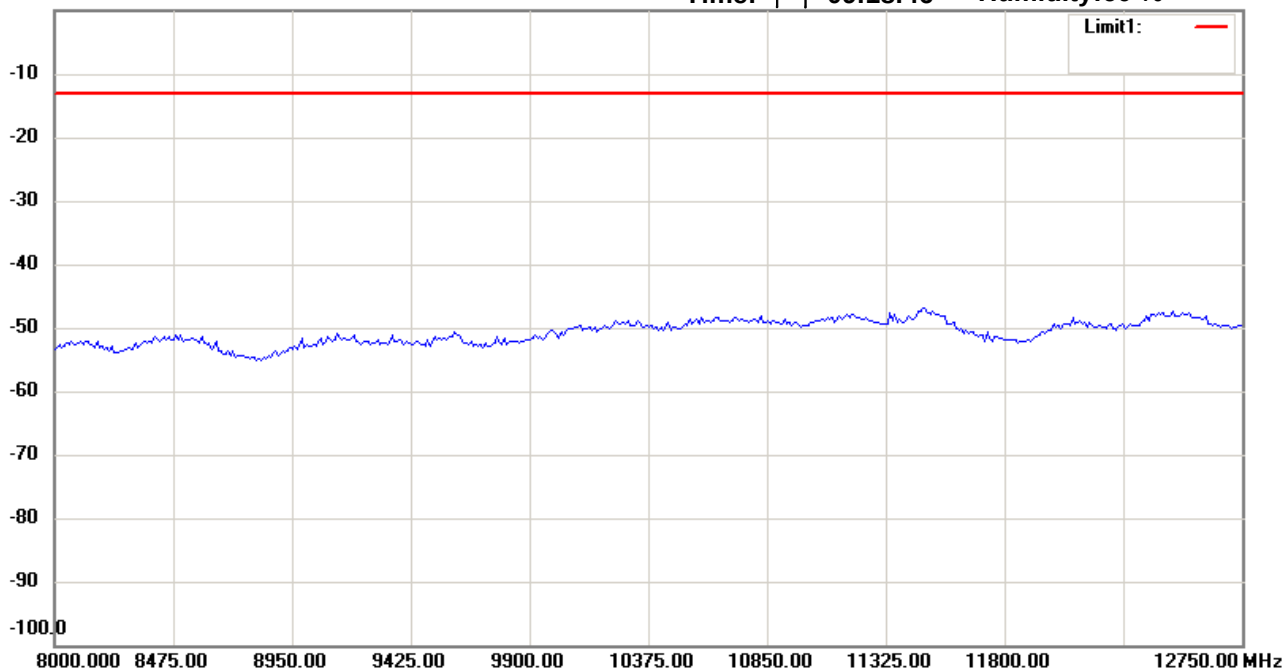
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:18:46

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: *Horizontal*

Power : 3.7V .d.c

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Robert

File :1

Data :#2

Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 01:16:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	45.6713	-94.08	peak	20.90	-73.18	-13.00	150	140	-60.18	
*	77.0140	-93.72	peak	21.61	-72.11	-13.00	150	290	-59.11	

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



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Radiated Emission Measurement

Operator: Robert

File :2

Data :#2

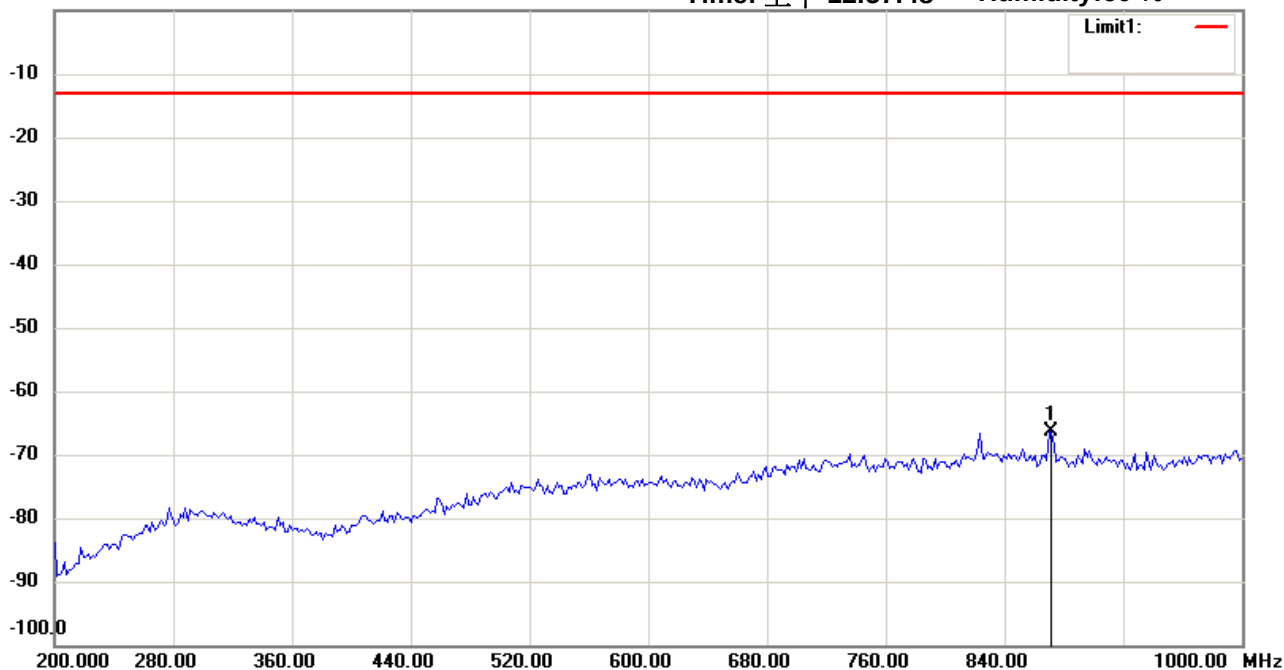
Date: 2014/12/5

Temperature:24 °C

0.0 dBm

Time: 上午 12:57:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	871.7435	-98.86	peak	32.58	-66.28	-13.00	150	200	-53.28	

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



Radiated Emission Measurement

Operator: Robert

File :3

Data :#1

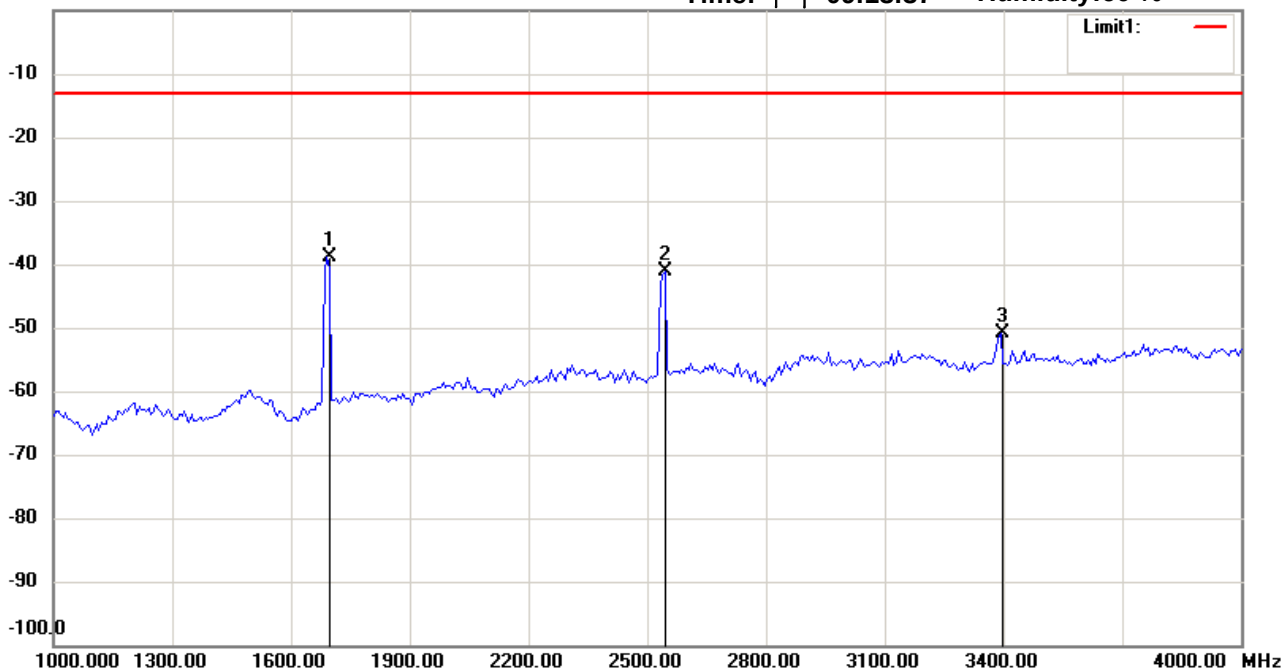
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:13:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1691.383	-39.35	peak	0.48	-38.87	-13.00	150	180	-25.87	
	2545.090	-46.12	peak	5.10	-41.02	-13.00	150	210	-28.02	
	3392.786	-58.56	peak	7.62	-50.94	-13.00	150	240	-37.94	



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Radiated Emission Measurement

Operator: Robert

File :3

Data :#2

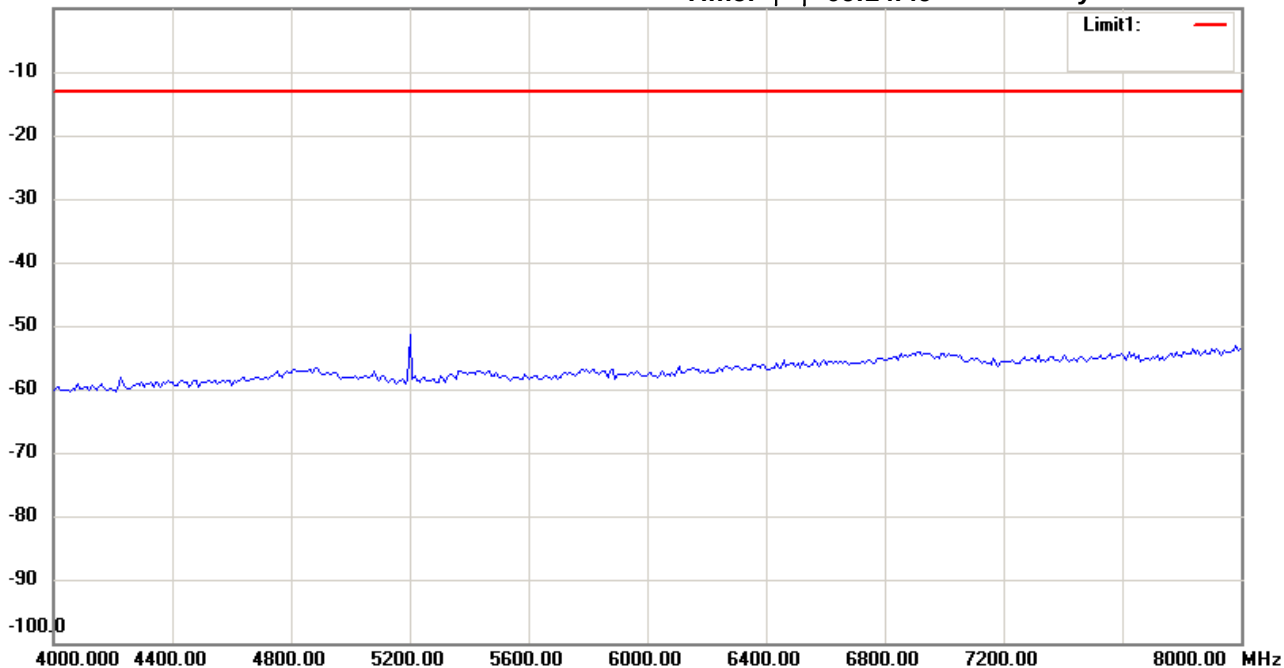
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:14:49

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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Radiated Emission Measurement

Operator: Robert

File :3

Data :#3

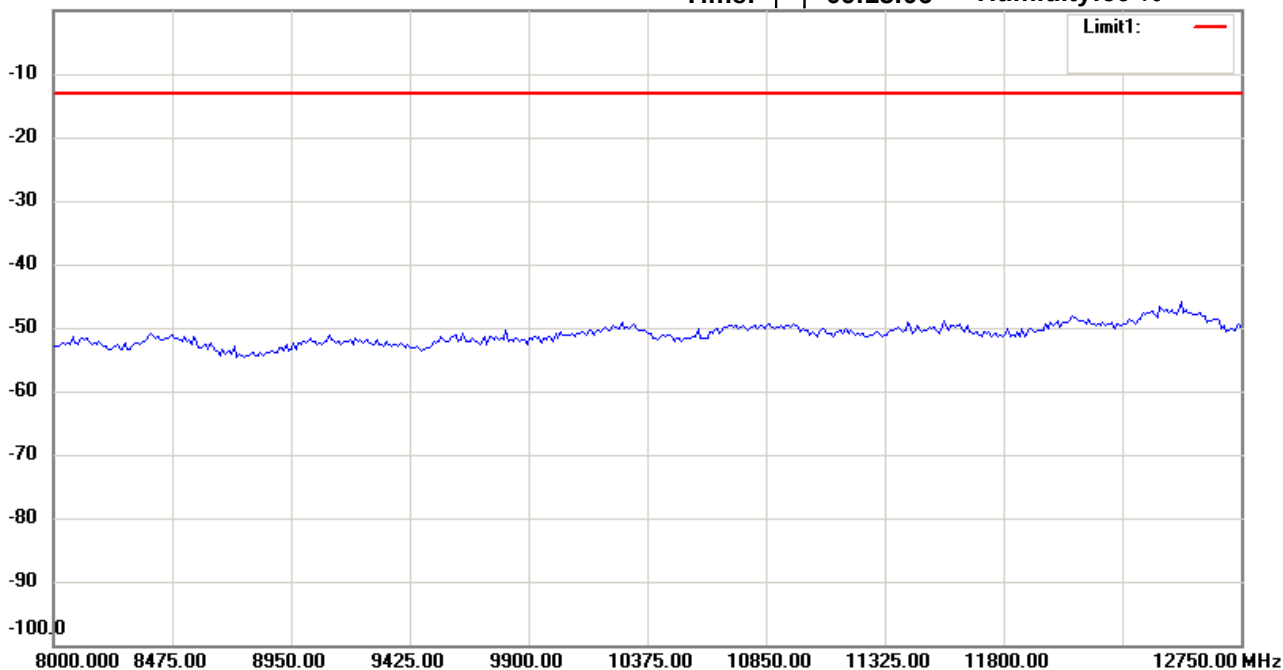
Date: 2014/12/4

Temperature:24 °C

0.0 dBm

Time: 下午 09:15:06

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA BANDV CH4233 ACTIVE

Note :

Polarization: Vertical

Power : 3.7V .d.c

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

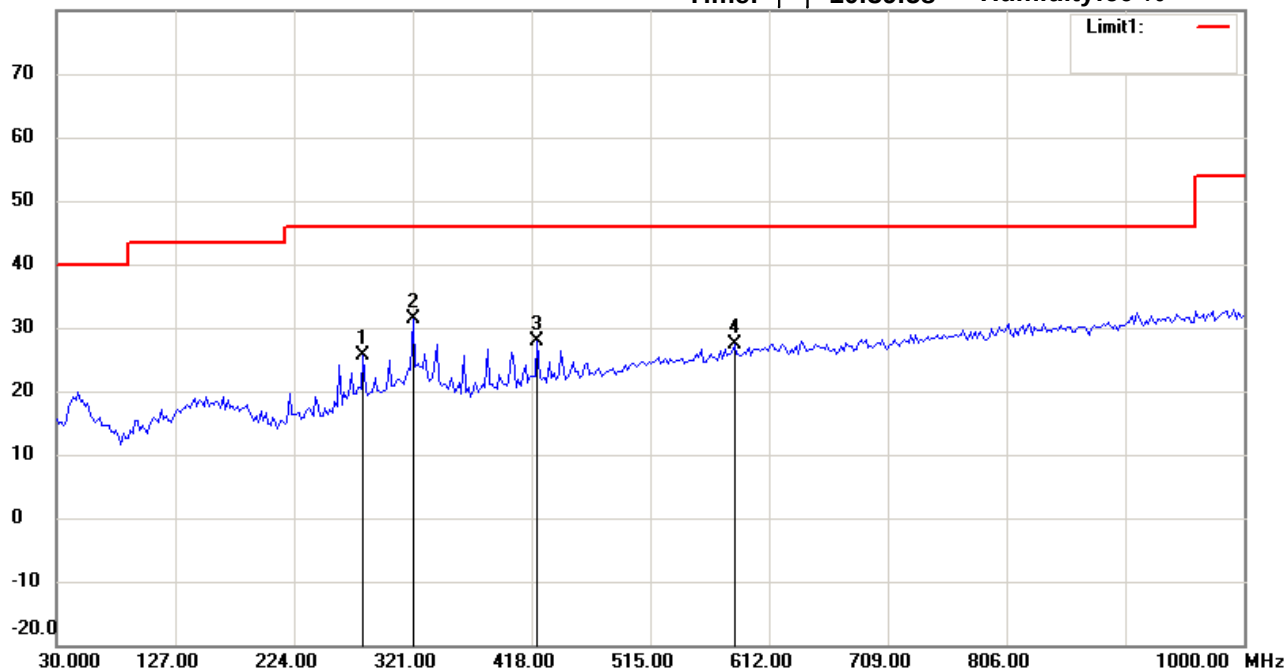
Date: 2014/12/9

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:39:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band V IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	280.7615	10.13	peak	15.52	25.65	46.00	100	240	-20.35	
*	321.5831	14.90	peak	16.53	31.43	46.00	100	25	-14.57	
	422.6653	8.63	peak	19.35	27.98	46.00	100	115	-18.02	
	584.0080	4.36	peak	23.00	27.36	46.00	100	80	-18.64	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

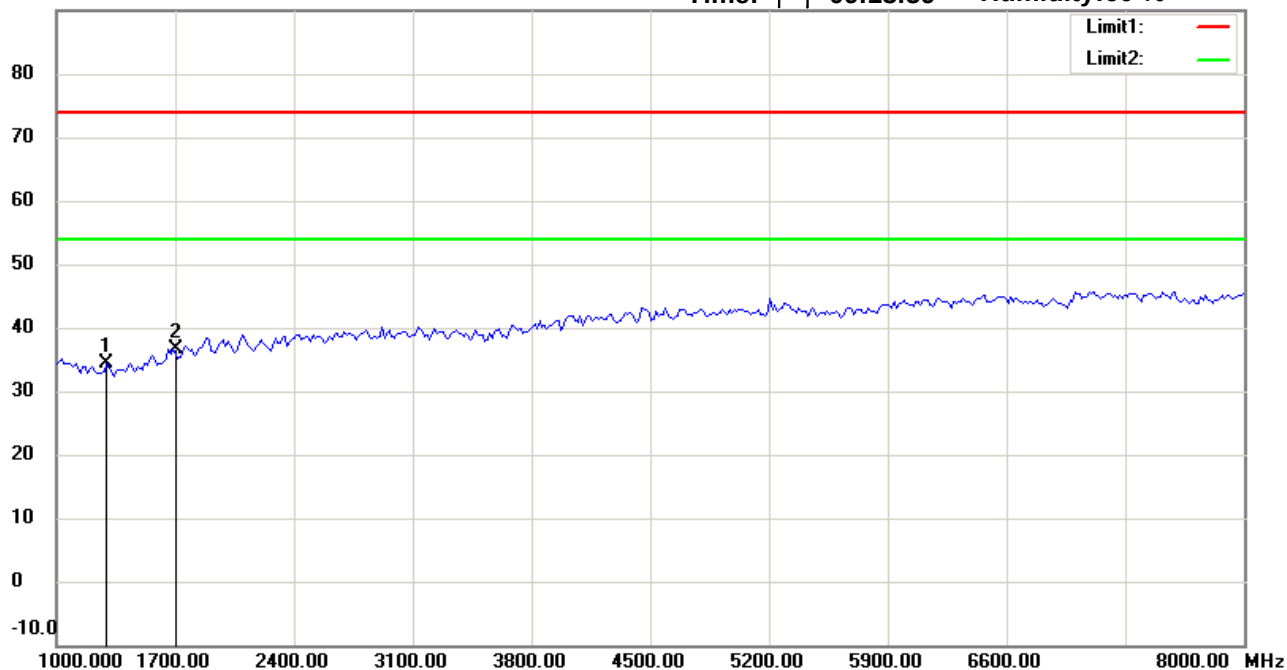
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:13:59

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band V IDLE

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1294.589	43.57	peak	-9.16	34.41	74.00	100	190	-39.59	
*	1687.375	44.09	peak	-7.39	36.70	74.00	100	15	-37.30	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

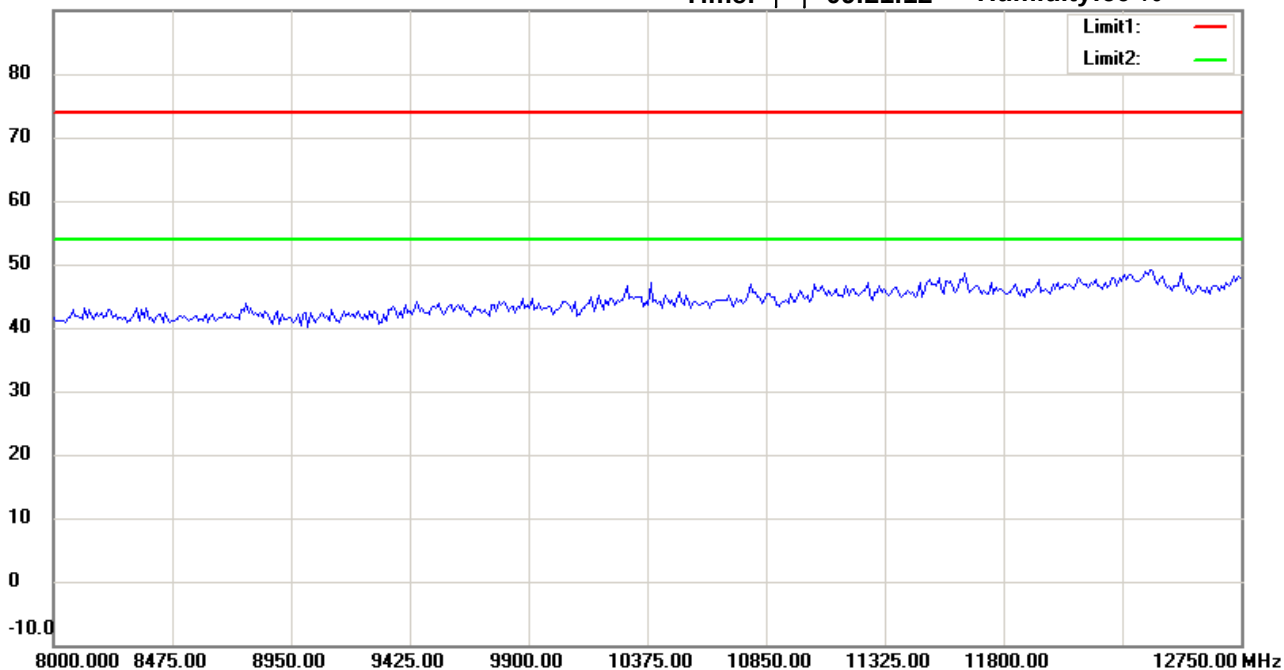
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:21:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band V IDLE

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

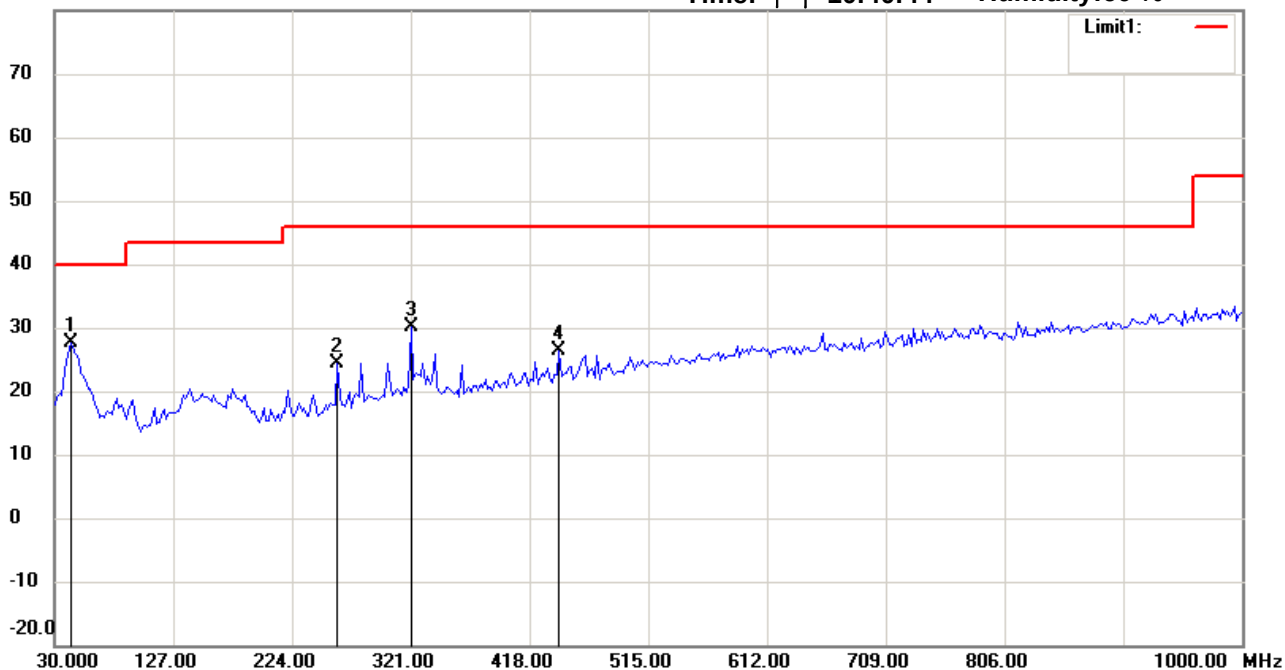
Date: 2014/12/9

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:40:44

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band V IDLE

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	43.6072	13.47	peak	14.05	27.52	40.00	100	145	-12.48	
	261.3226	9.78	peak	14.71	24.49	46.00	100	80	-21.51	
	321.5832	13.60	peak	16.53	30.13	46.00	100	120	-15.87	
	442.1042	6.25	peak	20.01	26.26	46.00	100	160	-19.74	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

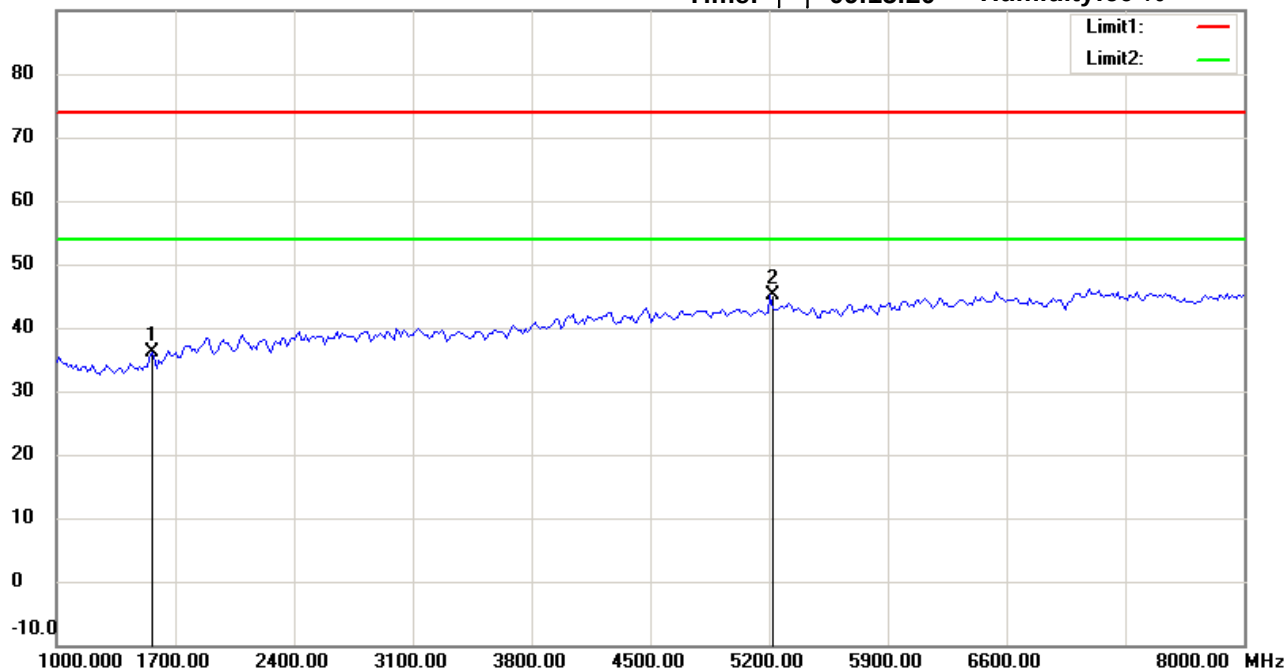
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:15:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band V IDLE

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1561.122	44.77	peak	-8.61	36.16	74.00	100	145	-37.84	
*	5208.417	43.50	peak	1.55	45.05	74.00	100	80	-28.95	

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



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

Operator: Leon

File :3

Data :#4

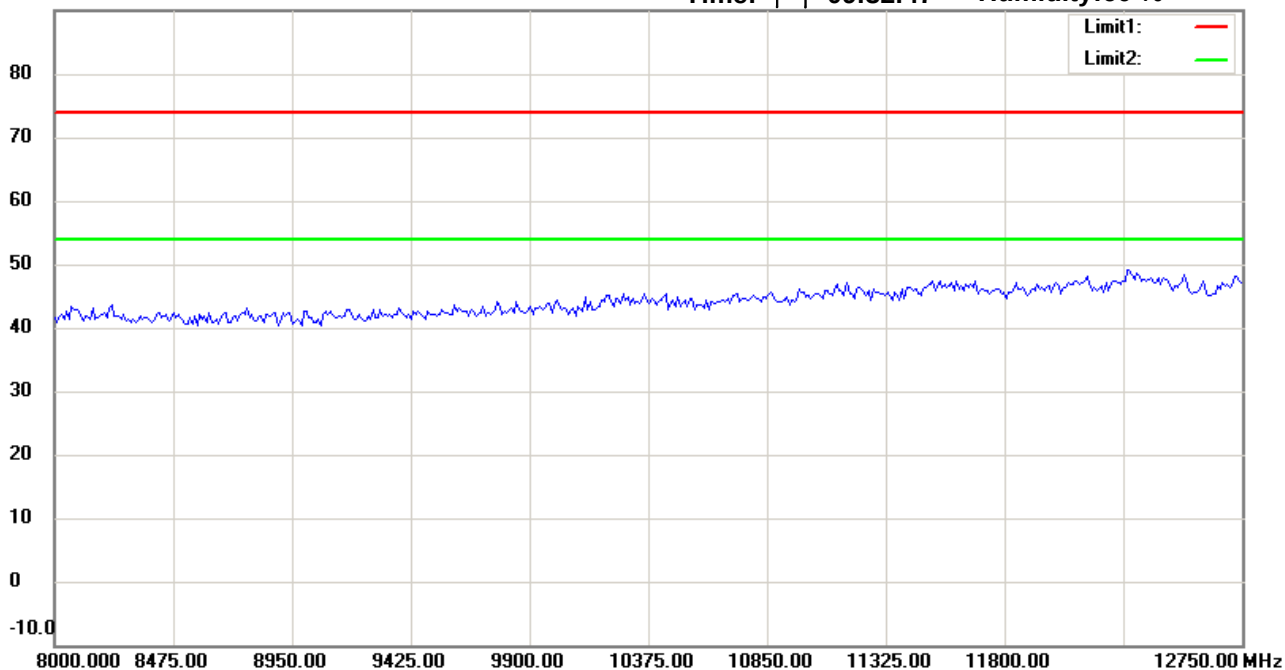
Date: 2014/12/9

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:32:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21412-14663

M/N:

Test Mode : WCDMA Band V IDLE

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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