

FCC PART 22/24 TEST REPORT

for

Smart Home Alarm System

Model No.: HPGW_x-xxxxx-xxxxx Series

(x=0~9, A~Z or blank)

FCC ID: GX9HPGWG5DT16

of

Applicant: Climax Technology Co Ltd

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

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: 930600

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

A2LA Accredited No.: 2732.01



Report No.: W6R21610-16279-P-2244

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Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224
FCC ID: GX9HPGWG5DT16

Certification of Test Report

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

Tested Equipment :
Type Description : Smart Home Alarm System
Model No. : HPGWx-xxxxx-xxxxx Series
(x=0~9, A~Z or blank)
Multi-listing Model No.: ./.
Brand Name : ./.
Operation Frequency : 824.2-848.8MHz / 1850.2 - 1909.8 MHz
WCDMA BAND II: 1852.4 – 1907.6 MHz
WCDMA BAND V: 826.4-846.6 MHz
RF Output Power: 1) Band 850 MHz: 29.42 dBm (ERP)
2) Band 1900 MHz: 32.55 dBm (EIRP)
3) BAND II: 29.26 dBm (EIRP)
4) BAND V: 25.57 dBm (ERP)
Power Supply : Adapter: AC 100-240V~ 50/60Hz, 0.6A
DC 12V, 2A
Battery: 1.2*6 VDC, 1600 mAh

Regulation Applied : 47CFR Part 22 (2015-10) and Part 24 (2015-10)

Test Method : 47CFR Part 22 (2015), 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(2014), 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.

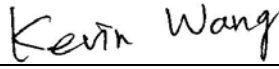
Note:

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:

January 03, 2017	Kent Lin	
Date	WTS-Lab.	Name
		Signature

Technical responsibility for area of testing:

January 03, 2017	Kevin Wang	
Date	WTS	Name
		Signature



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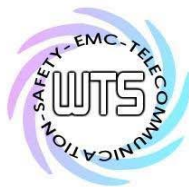
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1. Summary

1.1 Description of tested equipment

This equipment under tested, HPGWx-xxxxx-xxxxx Series (x=0~9, A~Z or blank), is a Smart Home Alarm System with built-in GSM 850/PCS 1900 MHz and supporting HSDPA and WCDMA.

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

824.2-848.8MHz (Cellular, Part 22), 29.42 dBm / 0.8750 W (ERP)
1850.2-1909.8MHz (Cellular, Part 24), 32.55 dBm / 1.7989 W (EIRP)
Band II (Cellular, Part 24), 29.26 dBm / 0.8433 W (EIRP)
Band V (Cellular, Part 22), 25.57 dBm / 0.3606 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

Date of receipt of test item (1 st):	July 23, 2015
Date of test (1 st):	from July 24, 2015 to September 15, 2015
Date of receipt of test item (2 nd):	October 11, 2016
Date of test (2 nd):	from October 12, 2016 to January 03, 2017
Other Information:	None

1.3 Modification Information

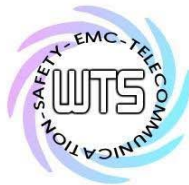
No modification was made during the all test items been performed.

1.4 Test standards

Technical standard: **FCC Part 2(2015), TIA/EIA-603C (2010), ANSI C63.4 (2014)
47CFR Part 22 (2015-10), and Part 24 (2015-10)**
Deviation from test standard: None

Special statement:

1. This test report is valid in connection to the model has been tested, any modification to the product which is different from the test model will avoid the certification of the test report.
2. This test report shall always be duplicated in full pages unless the written approval of the testing laboratory is obtained.
3. The x in model number is representing different case shape, case colors, led mask color, and control ID.
4. The model number of EUT is HPGW-G5-DT16. This model does not contain logo.
5. This test report is based on the original test report no.: W6M21507-15160-P-2244.
6. The module is the same as the one in original report. The difference is change antenna.



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1.5 Summary of test result

Band: 850 MHz & Band V

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

Band: 1900 MHz & Band II

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



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2. General Information

2.1 Testing laboratory

2.1.1 Location

OATS
No.5-1, Shuang Sing Village,
LiShuei Rd., Wanli Township,
Taipei County 207, Taiwan (R.O.C.)
Company
Worldwide Testing Services (Taiwan) Co., Ltd.
6F, NO. 58, LANE 188, RUEY-KUANG RD.
NEIHU, TAIPEI 114, TAIWAN R.O.C.
Tel : 886-2-66068877
Fax : 886-2-66068879

2.1.2 Details of accreditation status

Accredited testing laboratory
A2LA-registration number: 2732.01
FCC filed test laboratory Reg. No. 930600
Industry Canada filed test laboratory Reg. No. IC 5679A-1, 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 (R.O.C.)
Telephone:	+886-2-2794-0001
Fax:	+886-2-2792-6618

Manufacturer: (if different from applicant)

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



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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

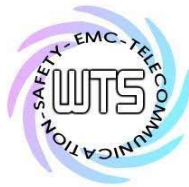
WCDMA Band V

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

Antenna Type:	PCB antenna
Antenna Gain:	Band 850MHz & BAND V: 1.41 dBi Band 1900MHz & BAND II: 1.94 dBi
Power supply:	Adapter: AC 100-240V~ 50/60Hz, 0.6A DC 12V, 2A Battery: 1.2*6 VDC, 1600 mAh

2.4 Test environment

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



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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.



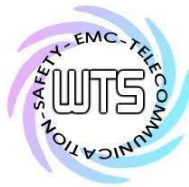
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2.6 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2016/5/20	2017/5/19
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 008	HF-EICHLEITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function Test	
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2016/7/15	2017/7/14
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2016/9/12	2017/9/11
ETSTW-CE 028	MXE EMI Receiver	N9038A	MY53220110	Agilent	2016/8/26	2017/8/25
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2016/5/20	2017/5/19
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2016/5/25	2017/5/24
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2016/7/4	2017/7/3
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	2016/6/24	2017/6/23
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2016/6/29	2017/6/28
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2016/3/23	2017/3/22
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2016/1/25	2017/1/24
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2016/3/28	2017/3/27
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2016/4/14	2017/4/13
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2016/2/25	2017/2/24
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2016/2/25	2017/2/24
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2016/2/25	2017/2/24
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2016/2/27	2017/2/26
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2016/2/25	2017/2/24
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2016/4/13	2017/4/12
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	2016/9/8	2017/9/7
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2016/9/20	2017/9/19
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2016/2/25	2017/2/24
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2016/1/13	2017/1/12
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2016/5/23	2017/5/22



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ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2016/8/10	2017/8/9
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2016/8/10	2017/8/9
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2016/2/25	2017/2/24
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2016/8/10	2017/8/9
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2016/8/10	2017/8/9
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-RE 142	Amplifier	8447D	2805A03378	Agilent	2016/4/13	2017/4/12
ETSTW-RE 143	Humidity Temperature Meter	TES-1260	110104623	TES	2016/8/19	2017/8/18
ETSTW-RE 147	Bi-log Hybrid Antenna	MCTD 2786B	BLB16M04005	ETC	2016/3/31	2017/3/30
ETSTW-EMI 011	USB Compact Modulator	SFC-U	101689	R&S	2016/5/4	2017/5/3
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2016/3/4	2017/3/3
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2016/2/3	2017/2/2
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40/12+9SS	3	WI	2016/1/13	2017/1/12
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2016/1/13	2017/1/12
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2016/1/13	2017/1/12
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2016/1/13	2017/1/12
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2016/9/14	2017/9/13
ETSTW-Cable 010	BNC Cable	RGS-142	None	THERMAX	2016/9/12	2017/9/11
ETSTW-Cable 011	SMA to N type Cable	RGU-400	None	THERMAX	Pre-test Use NCR	
ETSTW-Cable 012	BNC Cable	RGS-400	None	THERMAX	2016/9/12	2017/9/11
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2016/4/22	2017/4/21
ETSTW-Cable 022	N TYPE Cable	5006	0002	JYE BAO CO.,LTD.	2016/4/7	2017/4/6
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2016/2/25	2017/2/24
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2016/5/13	2017/5/12
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2016/9/20	2017/9/19
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2016/9/20	2017/9/19
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S Cable 9)	279067	HUBER+SUHNER	2016/2/25	2017/2/24
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104 (S Cable 10)	238092	HUBER+SUHNER	2016/4/13	2017/4/12
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2016/4/13	2017/4/12
ETSTW-Cable 048	Microwave Cable	SUCOFLEX 104	325518	HUBER+SUHNER	2016/4/13	2017/4/12
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2016/4/7	2017/4/6
ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2016/4/13	2017/4/12



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ETSTW-Cable 066	SMA type cable	32022	None	ASTROLAB	2016/9/12	2017/9/11
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMG	None	Farad	Version ETS-03A1	
WTSTW-SW 006	EMI TEST SOFTWARE	e3	None	AUDIX	Version 9.161014	
WTSTW-SW 008	Signal studio	Agilent	None	AUDIX	Version 2.0.0.1	

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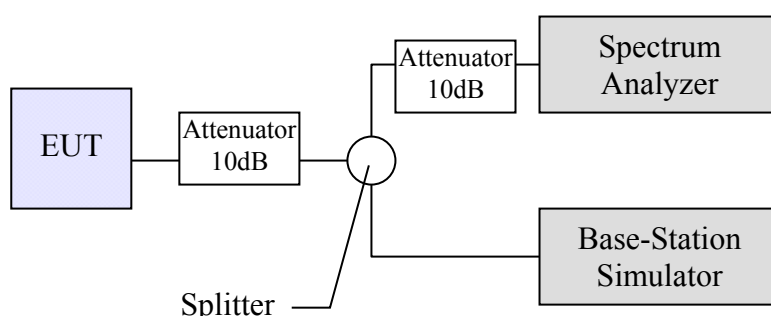
3. RF Power Output

3.1 Test procedure

3.1.1 Conducted Method

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

The transmitter output was connected as the following figure:



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

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

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

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

Span: 2MHz

Sweep: 3s

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

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

3.1.2 Radiated Method

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

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

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

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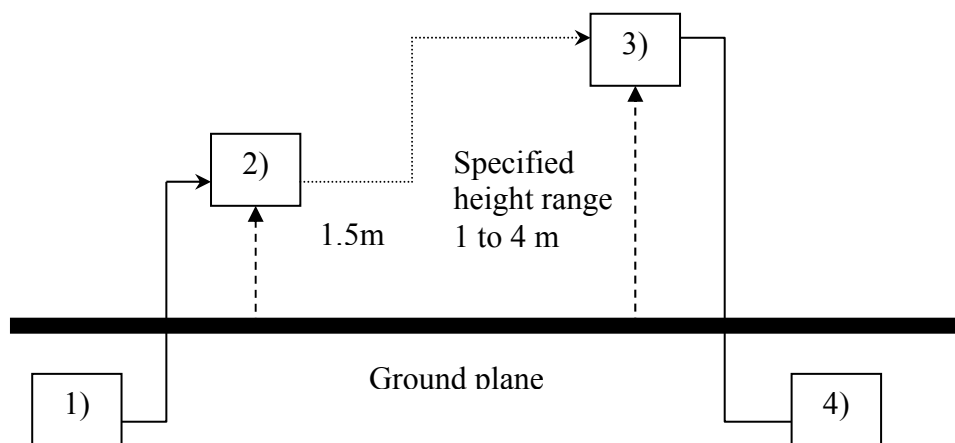
Worst case emission was recorded with the rotation of the turntable and the raising and lowering of the test antenna.

Substitution RF power Measurement at WTS Taiwan

General:

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

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



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

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

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

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

The measurement will be repeated in horizontal position.

Calibration:

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

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

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

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.

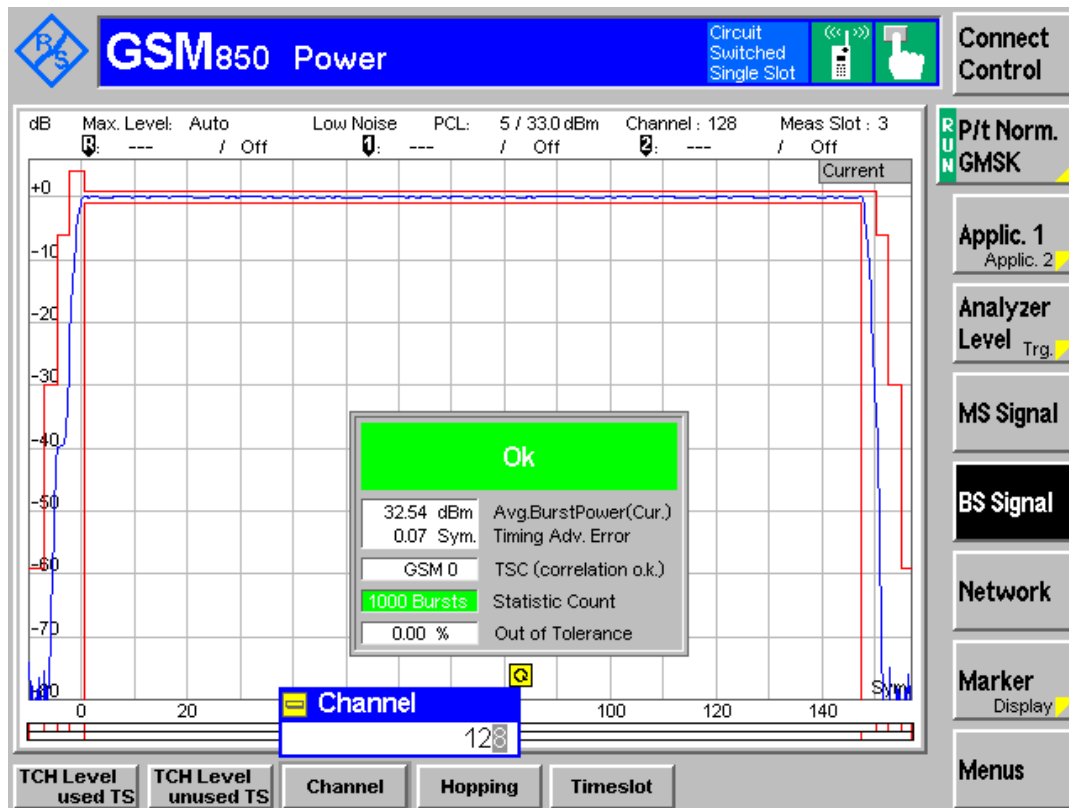
For peak power measurements the sample is turned by the turntable over 360 degree in order to find the direction with the maximum radiation or to document the max reading with the MAXHOLD function during the rotation.

3.2 Test Results

- ☒ Conducted Measurement
- ☐ Radiated Measurement

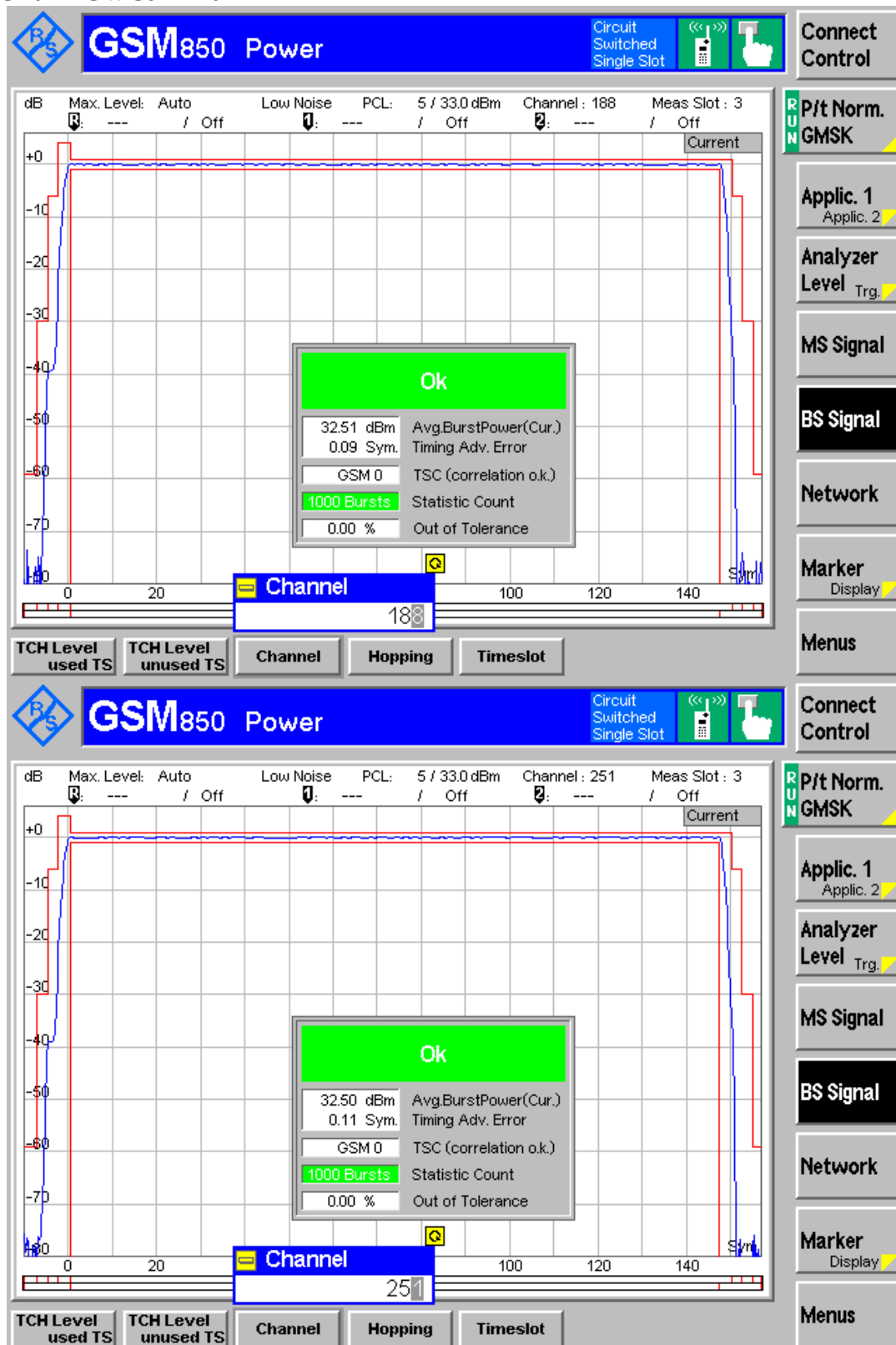
Band 850 MHz & 1900MHz

132 V



Report Number: W6R21610-16279-P-2224

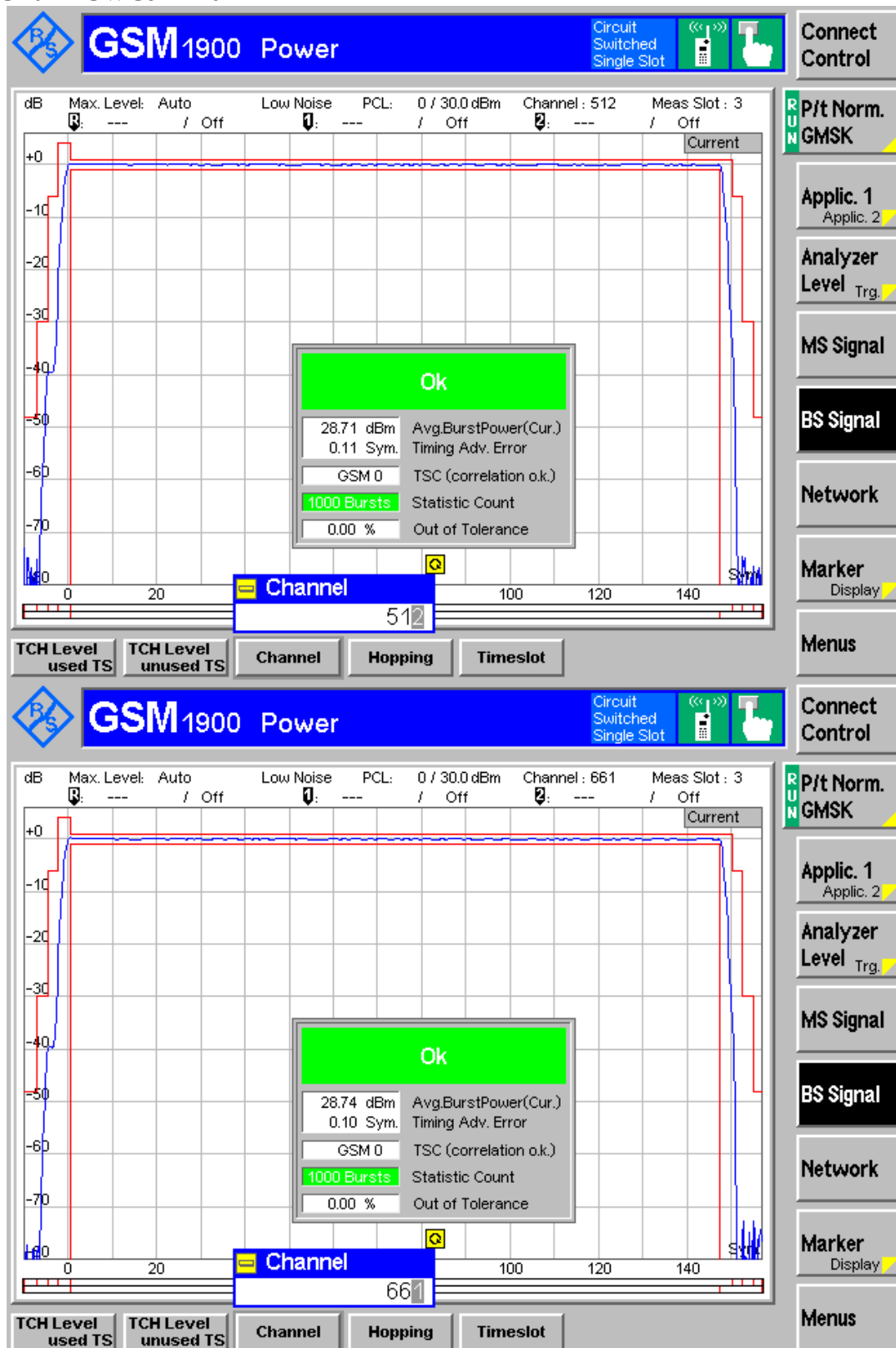
FCC ID: GX9HPGWG5DT16





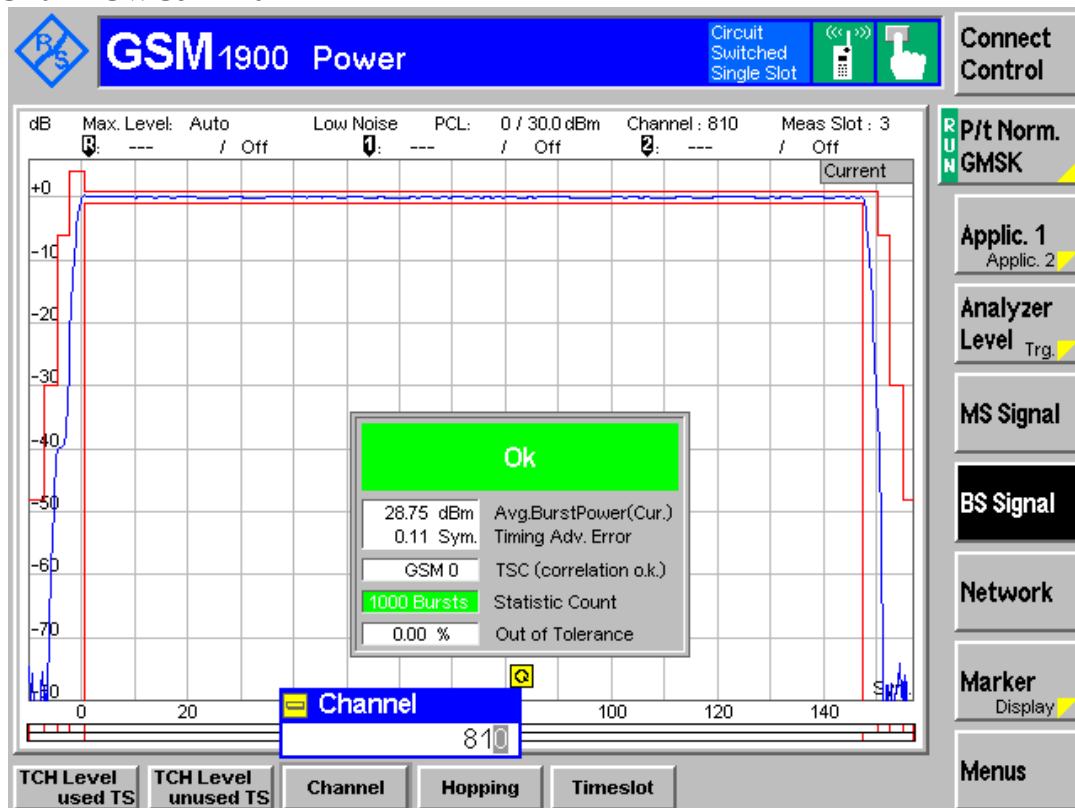
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FCC ID: GX9HPGWG5DT16

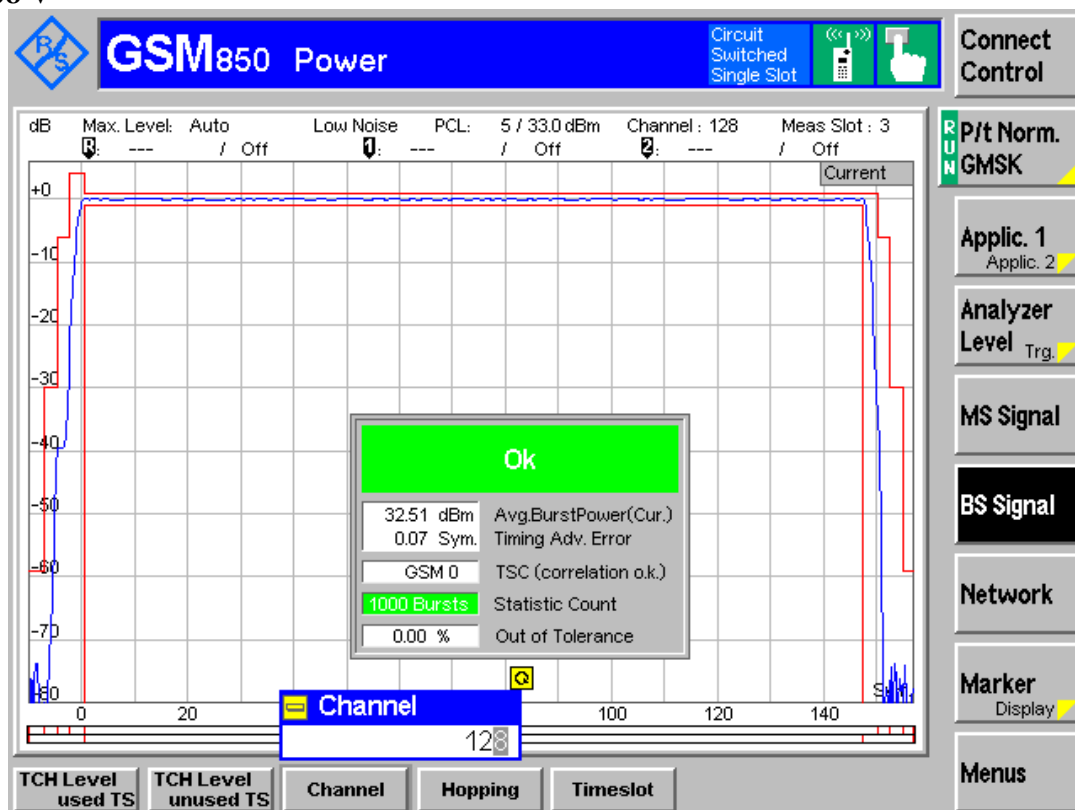


Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

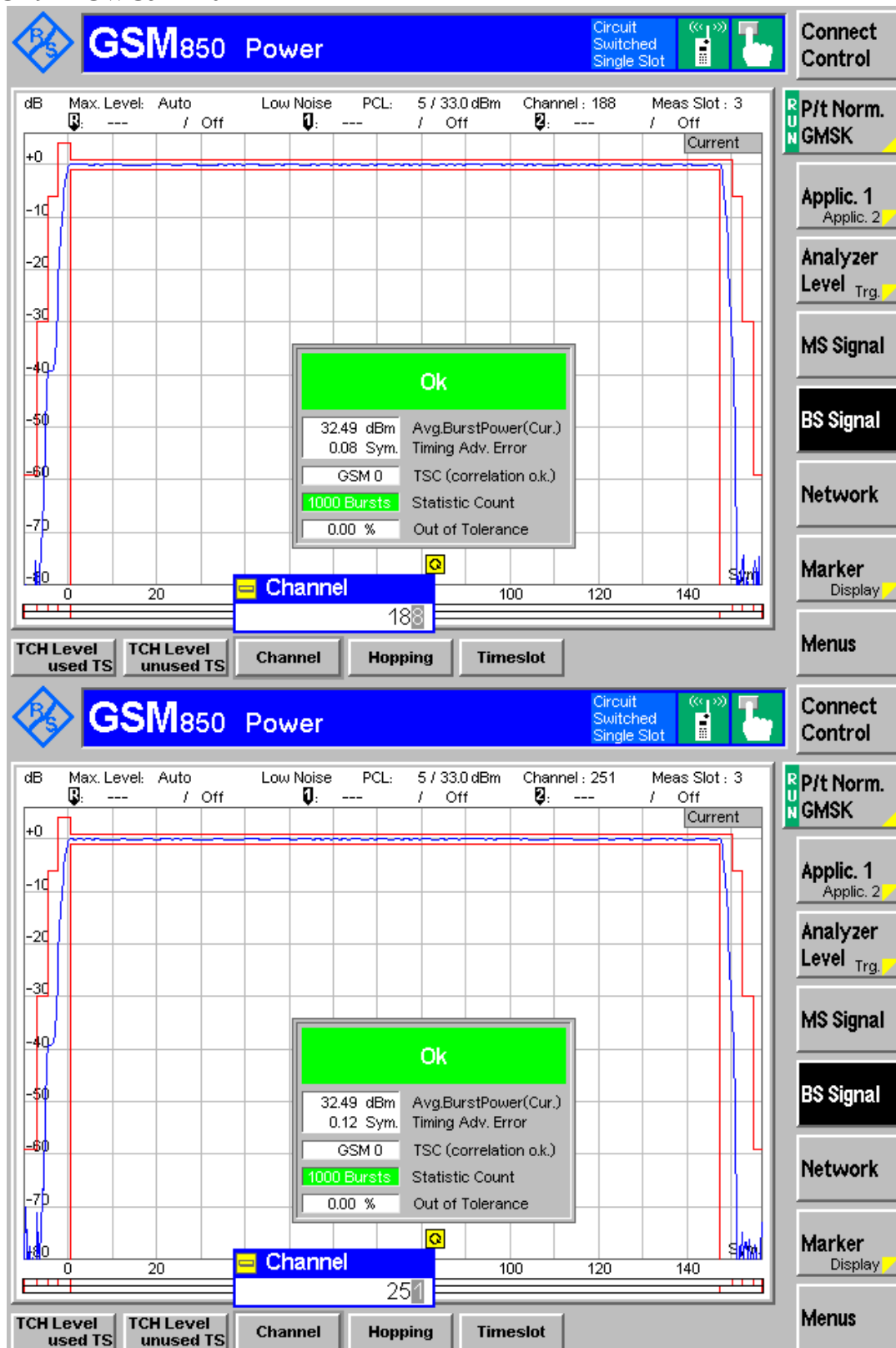


108 V



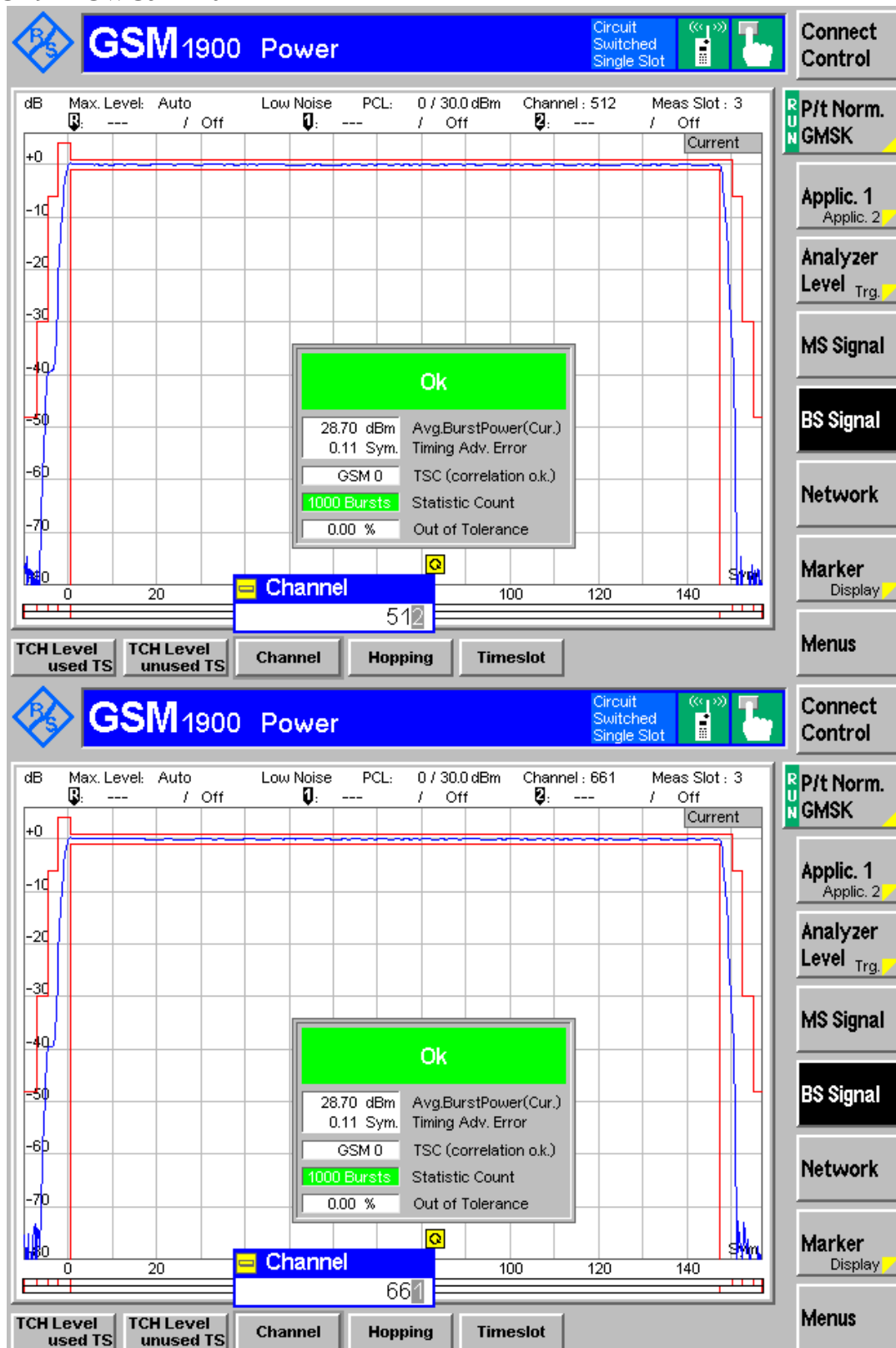
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FCC ID: GX9HPGWG5DT16



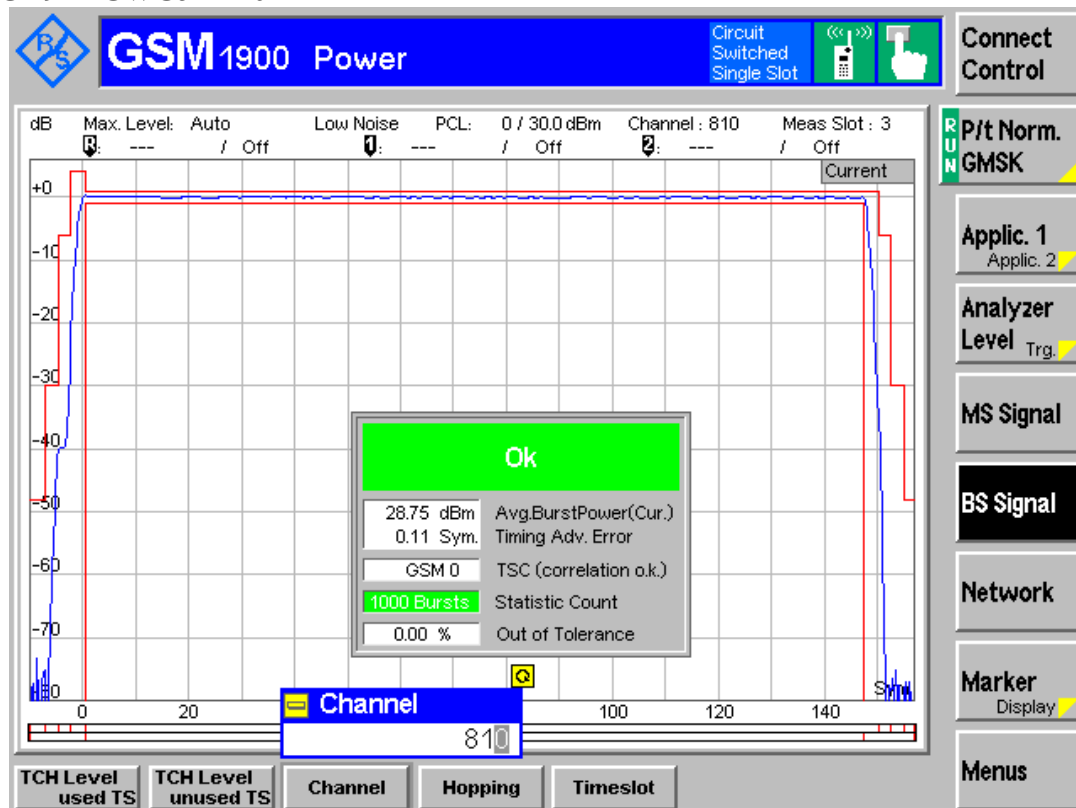
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



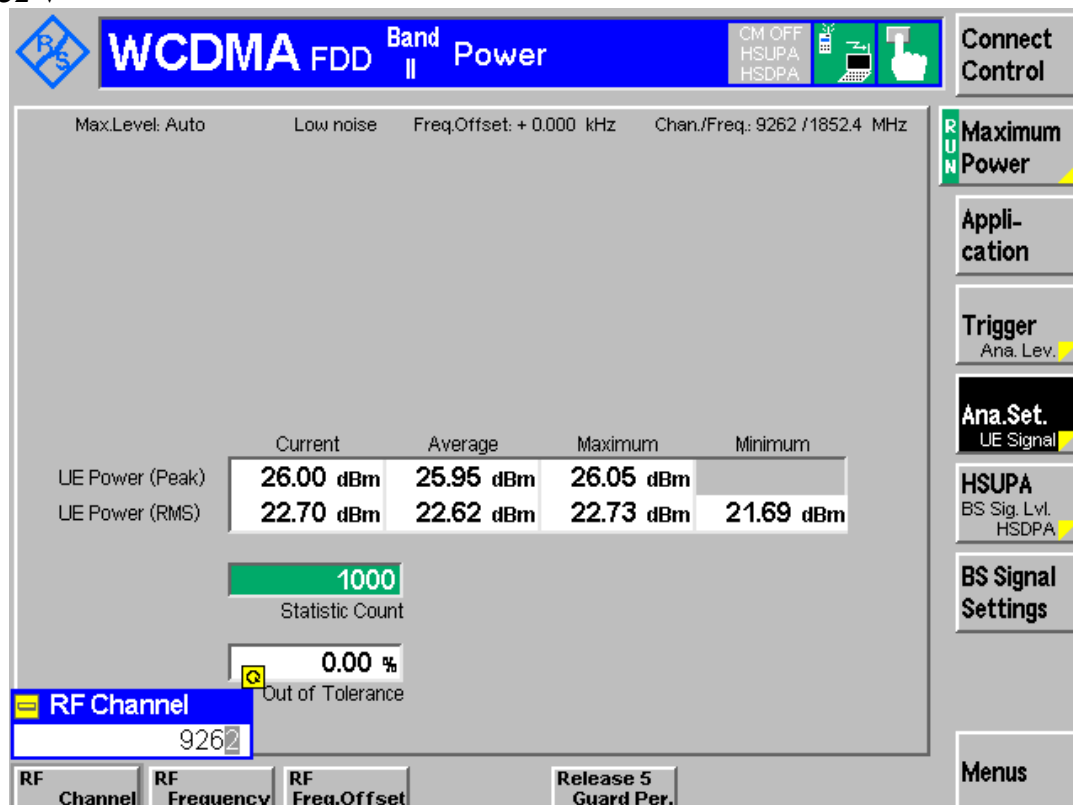
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



Band II

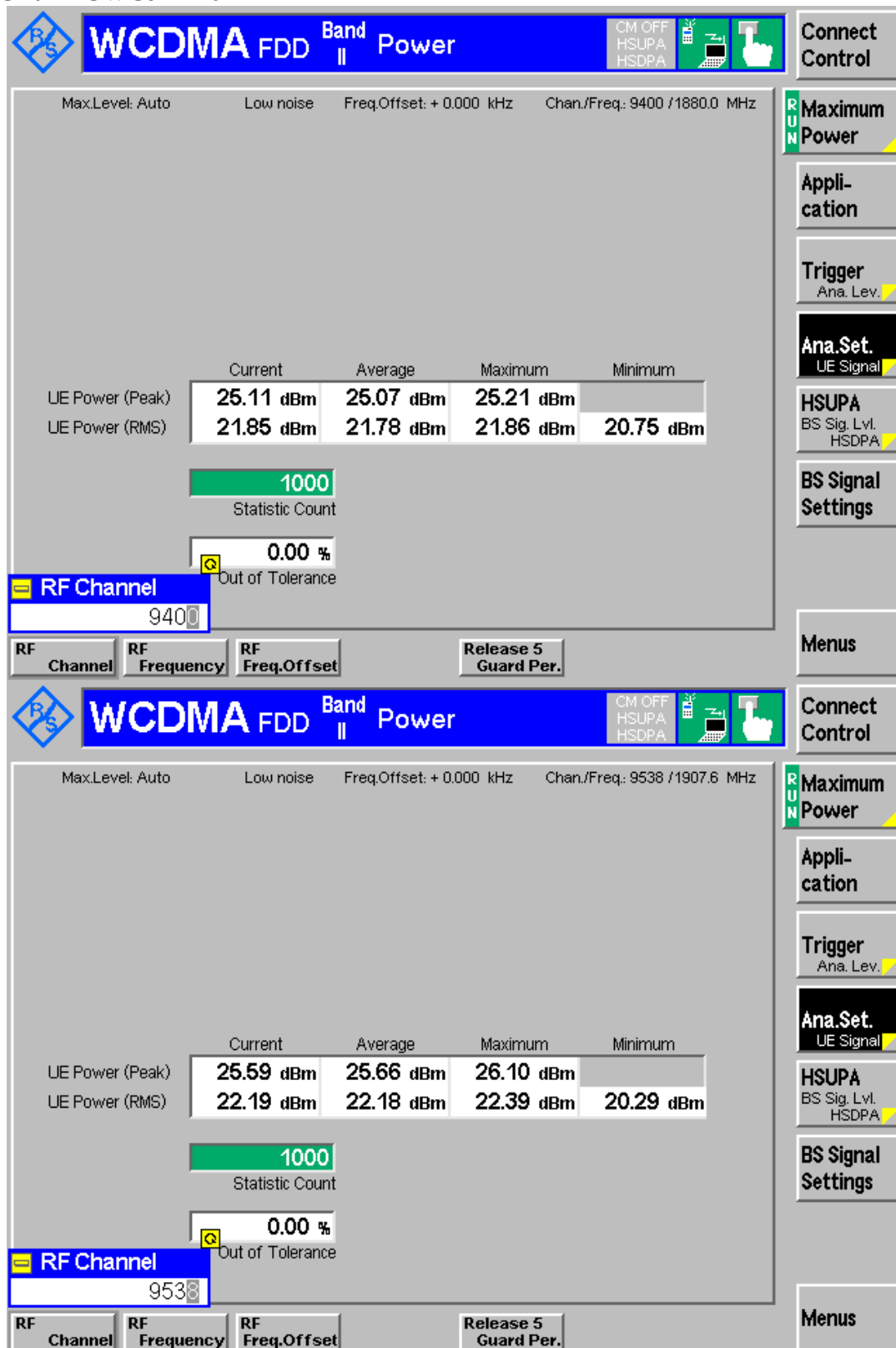
132 V

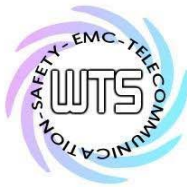




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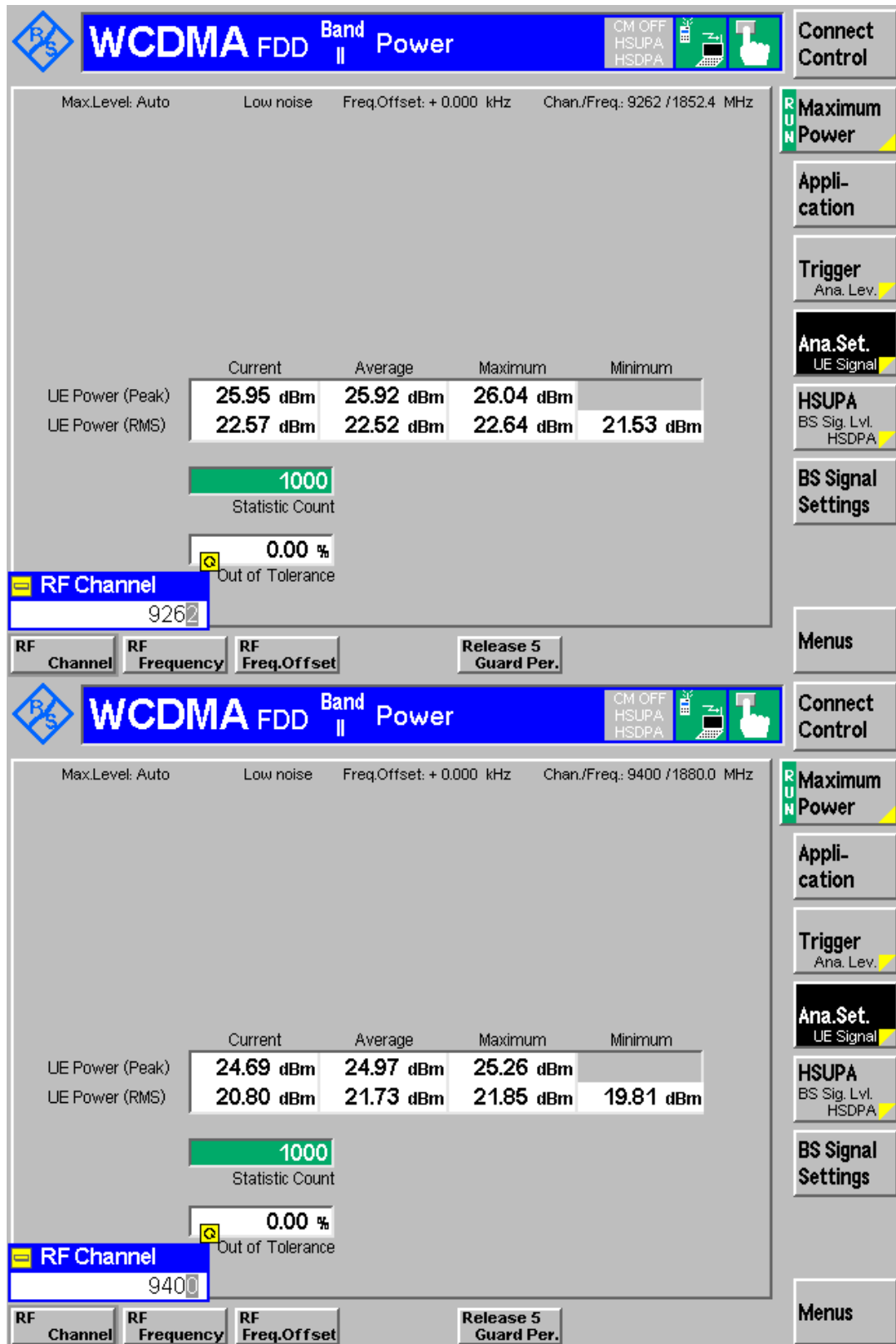




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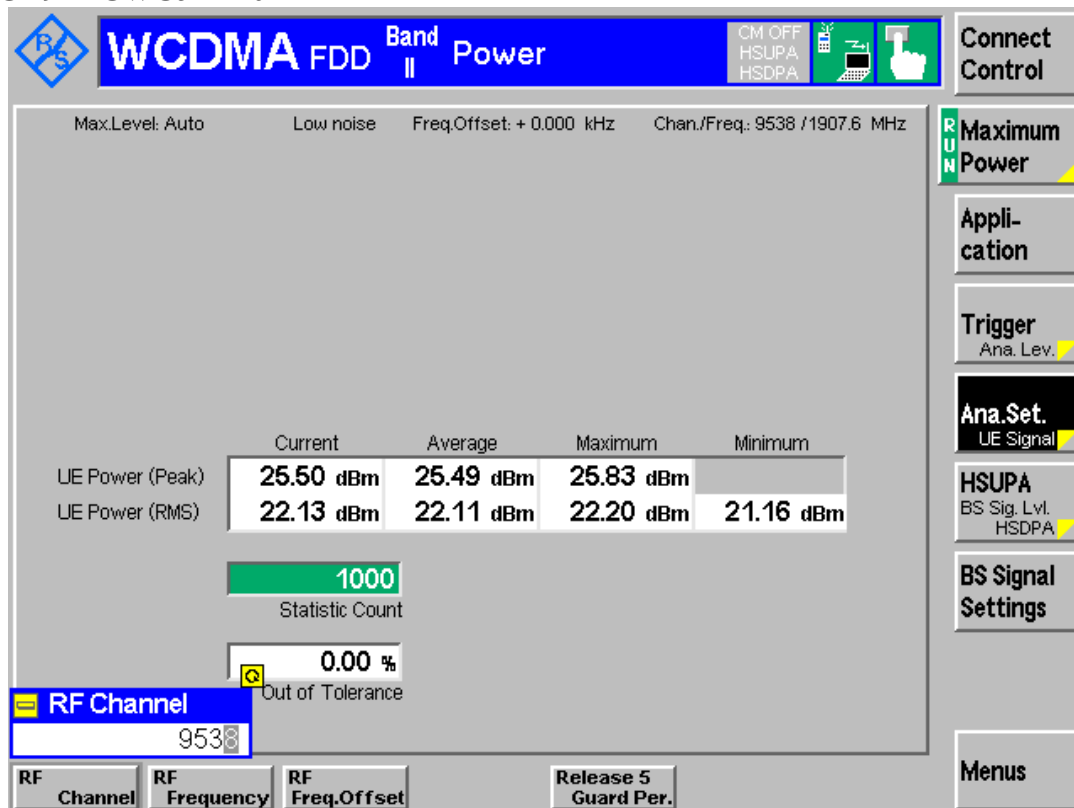
108 V





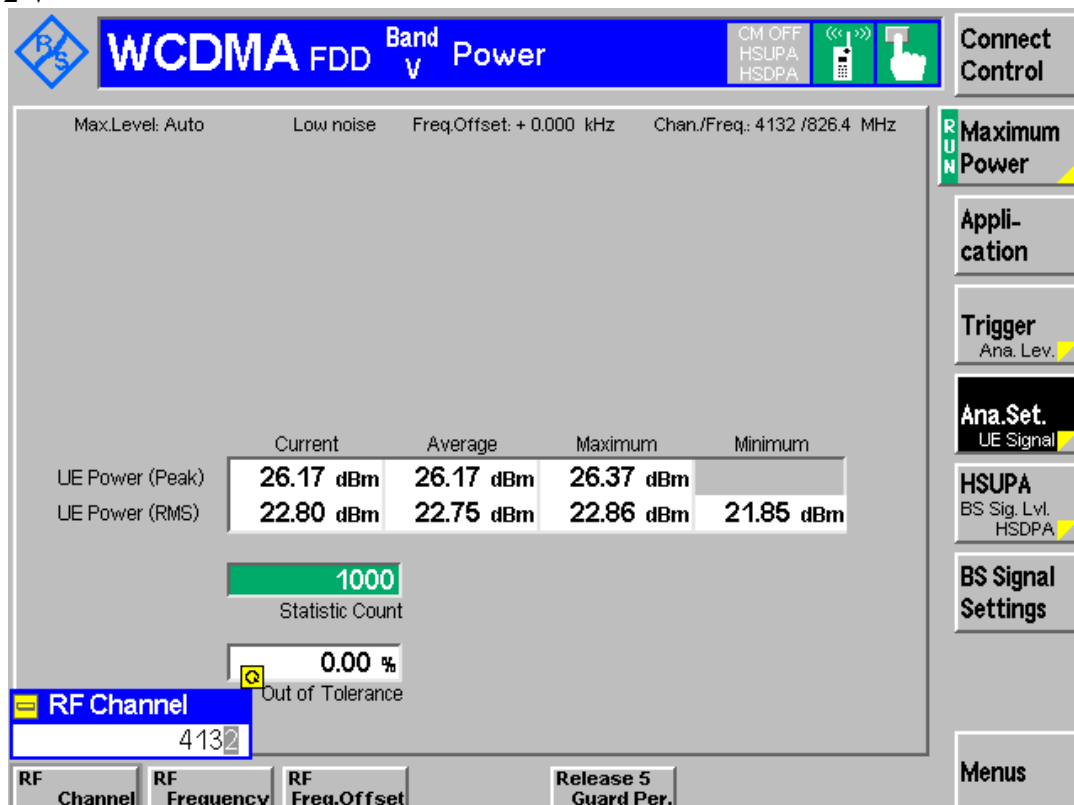
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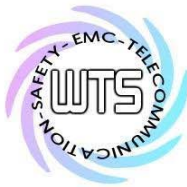
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Band V

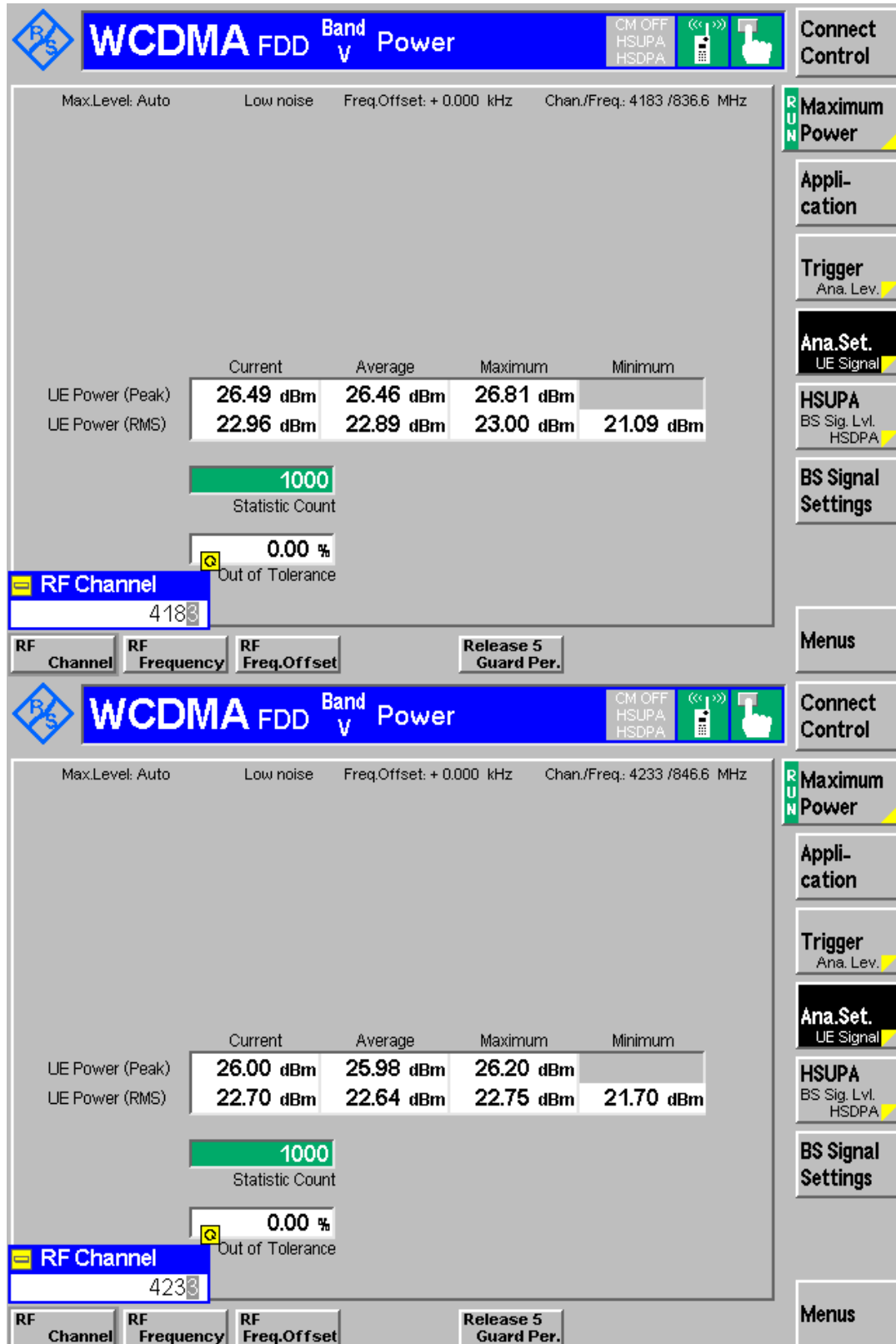
132 V

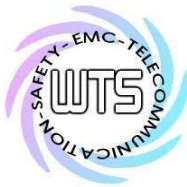




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FCC ID: GX9HPGWG5DT16

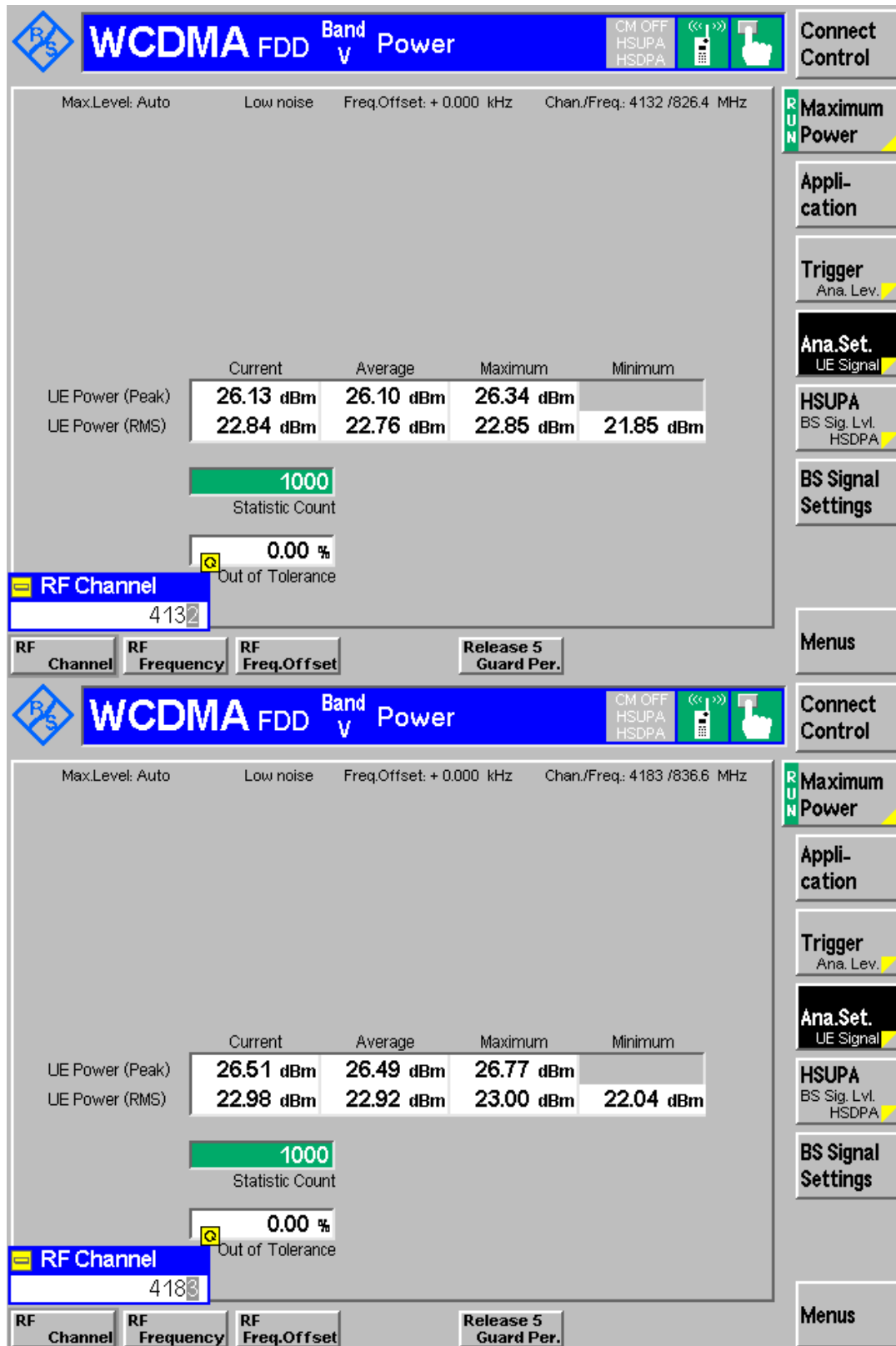




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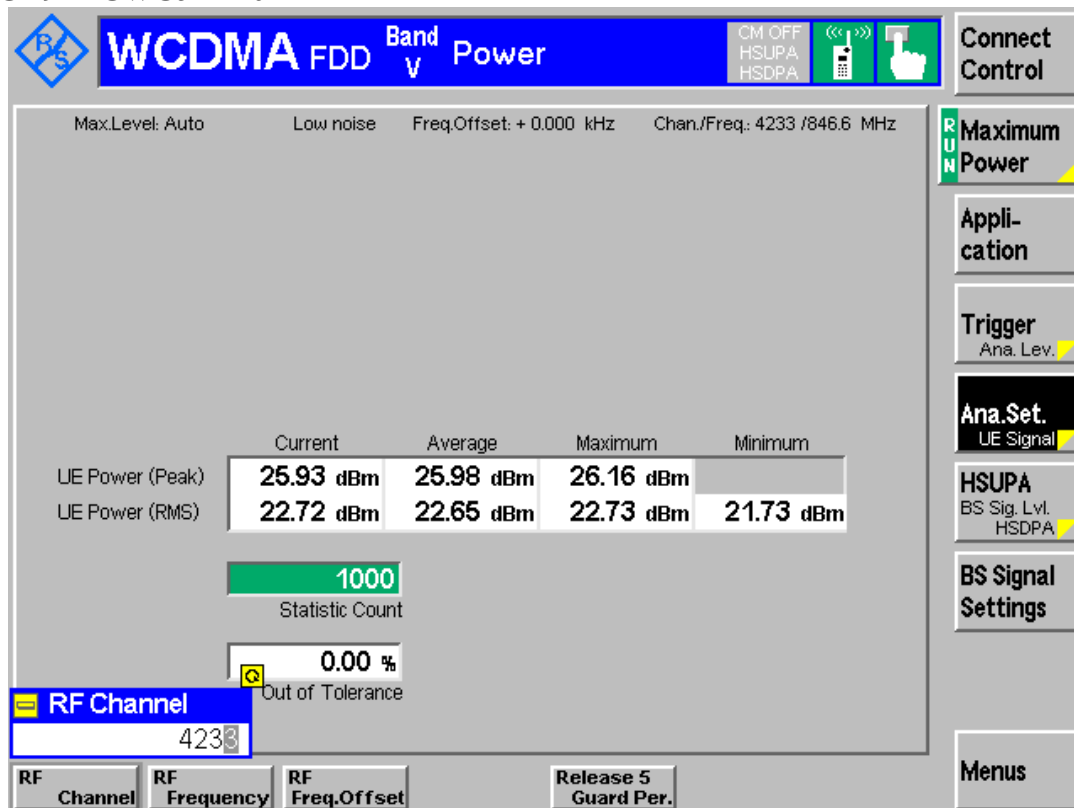
108 V





Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



☐ Conducted Measurement

☒ Radiated Measurement

Band 850 MHz & 1900 MHz

Frequency (MHz)	ERP (dBm)	EIRP (dBm)	Limit (dBm)	Result
824.2126	27.73	29.88	38.45	Pass
836.2680	28.41	30.56	38.45	Pass
848.8578	29.42	31.57	38.45	Pass
1850.137	30.40	32.55	33	Pass
1880.063	25.61	27.76	33	Pass
1909.868	27.26	29.41	33	Pass

Band II & Band V

Frequency (MHz)	ERP (dBm)	EIRP (dBm)	Limit (dBm)	Result
1851.817	27.11	29.26	33	Pass
1851.538	25.52	27.67	33	Pass
1906.778	23.78	25.93	33	Pass
827.0640	23.62	25.77	38.45	Pass
835.9763	23.85	26.00	38.45	Pass
845.8153	25.57	27.72	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.

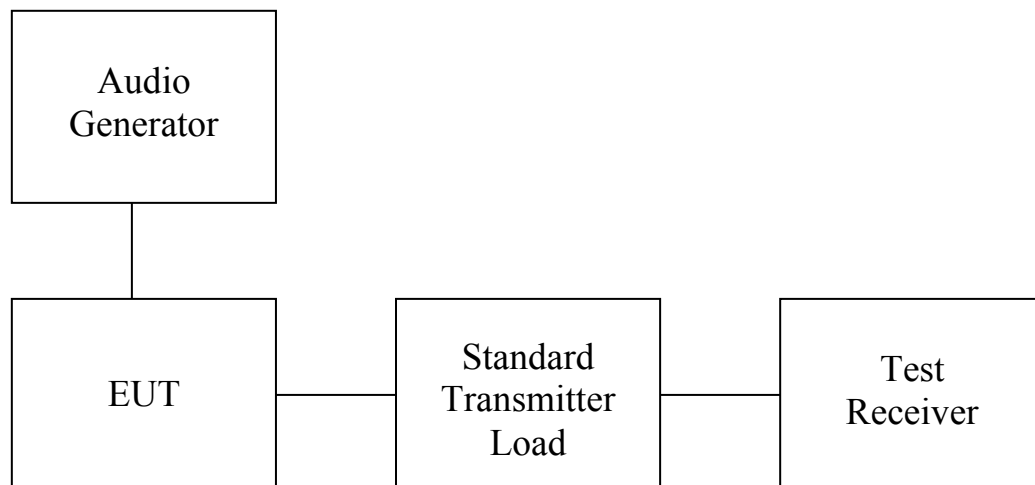
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

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: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

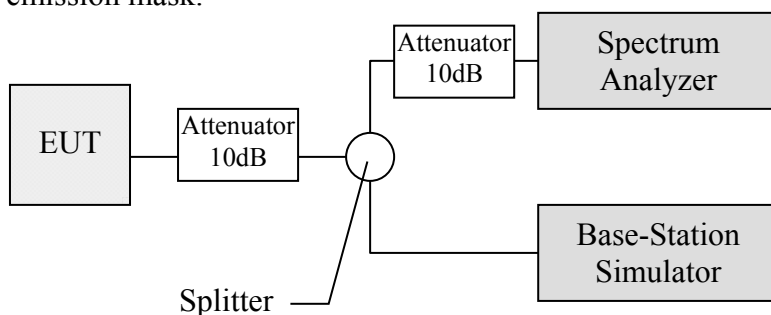
5. Occupied Bandwidth

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

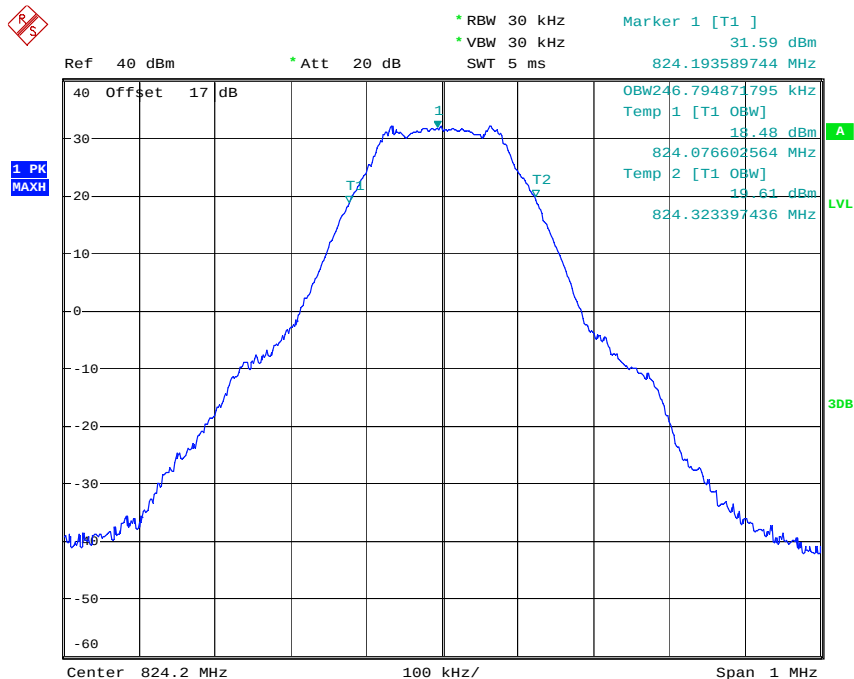
The RF output of the transceiver was connected as the following figure.

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

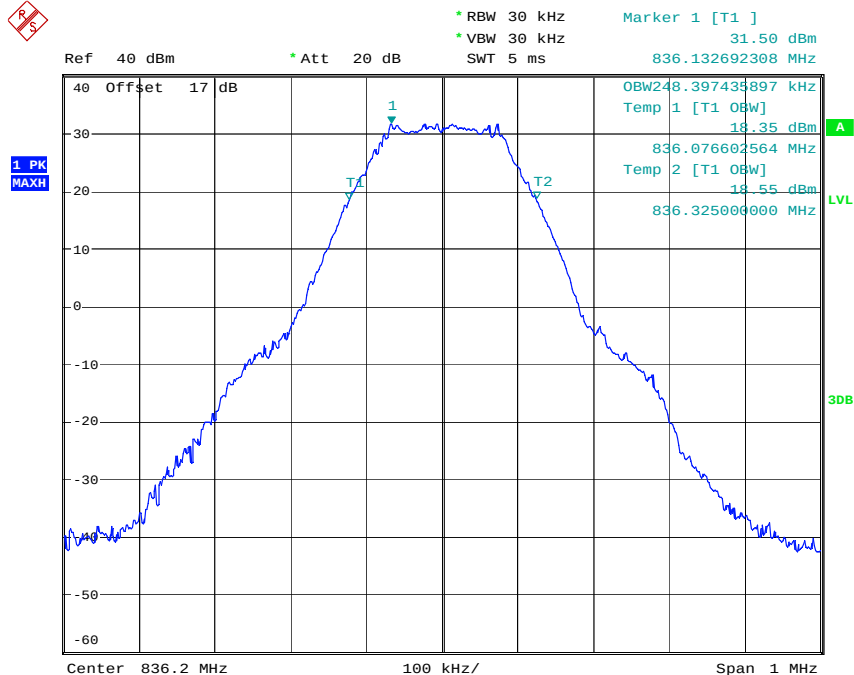
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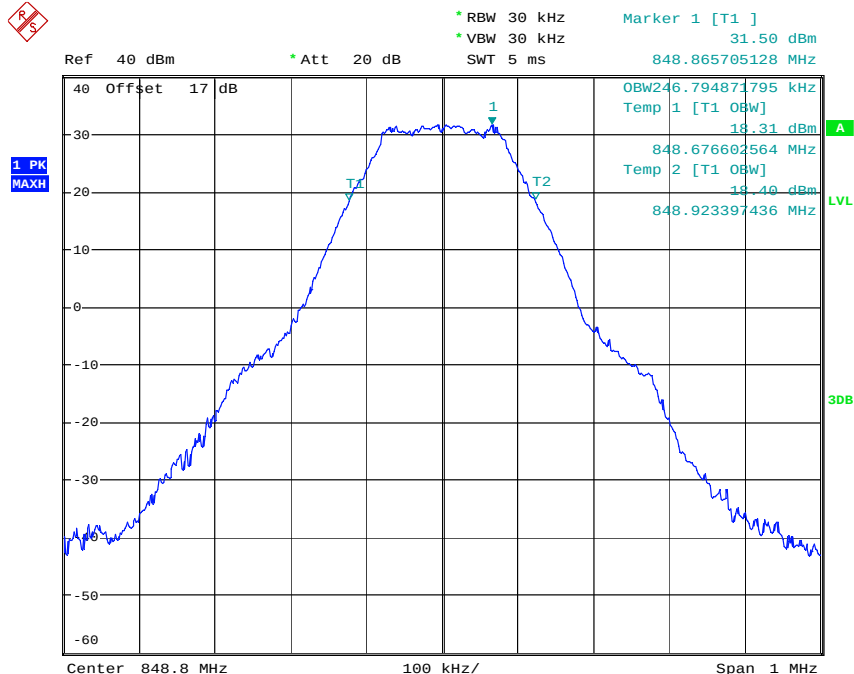
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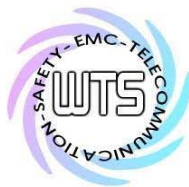
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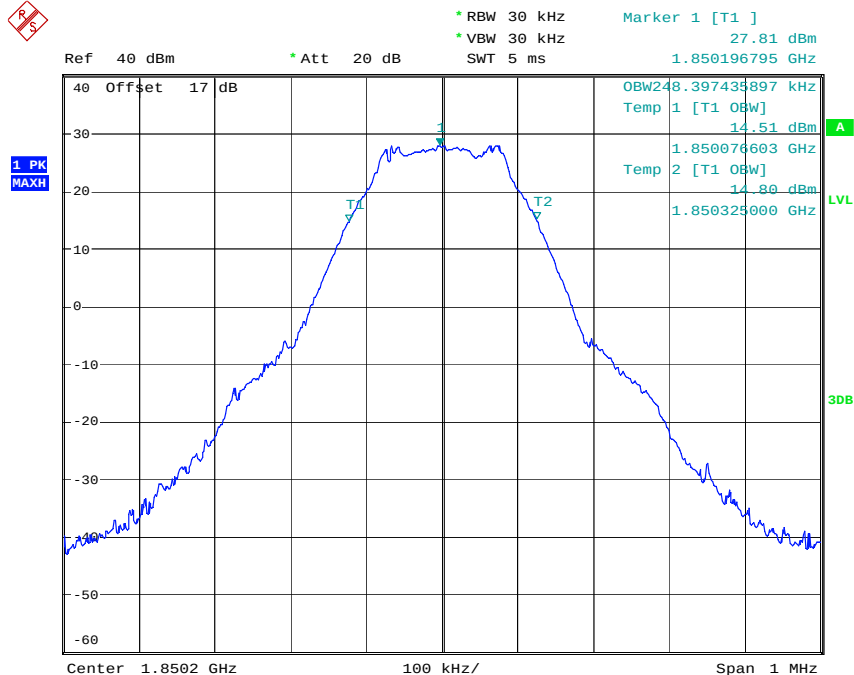
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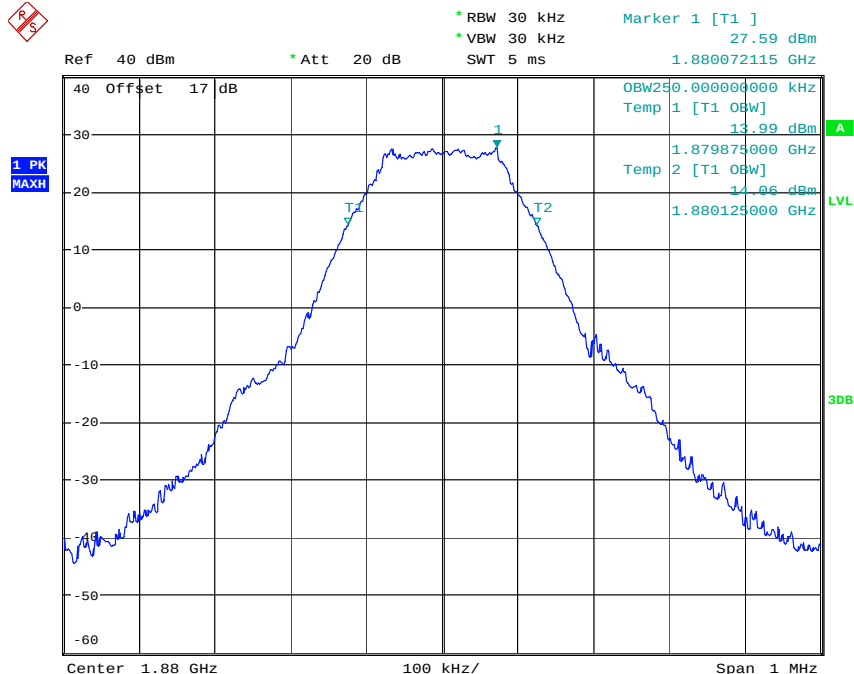
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OCCUPIED BANDWIDTH PCS1900 CH512

Date: 29.JUL.2015 09:49:14



OCCUPIED BANDWIDTH PCS1900 CH661

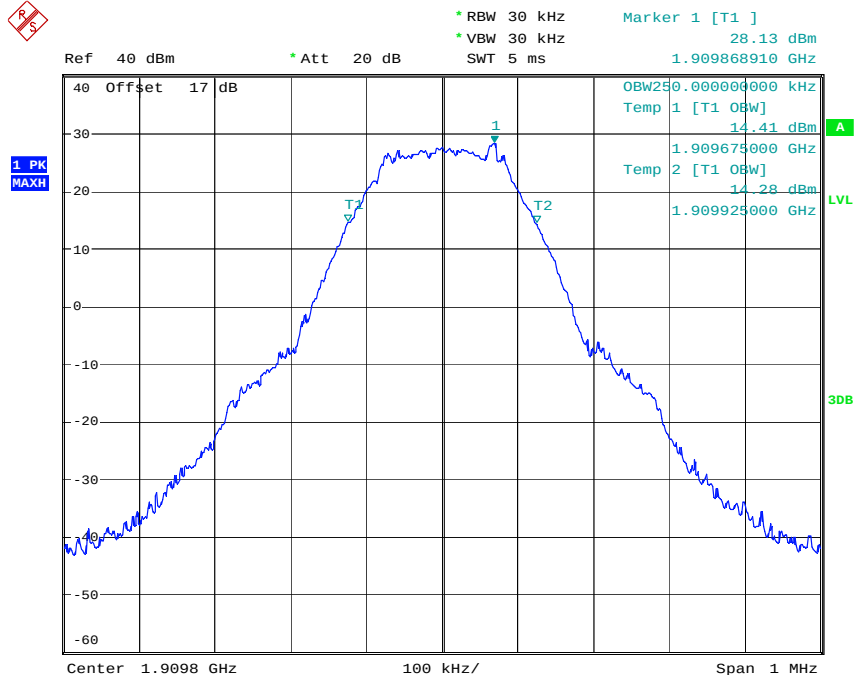
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Worldwide Testing Services(Taiwan) Co., Ltd.

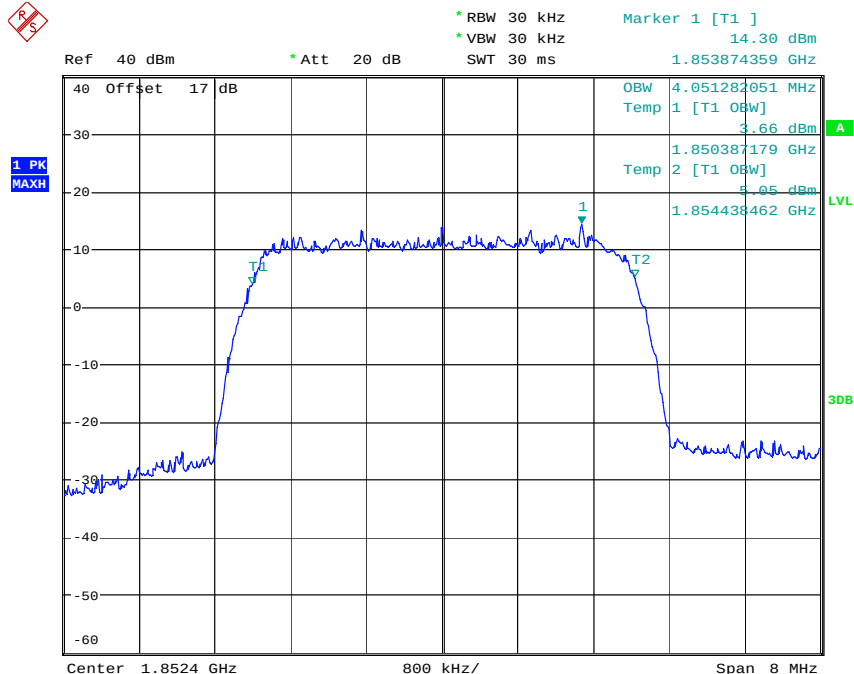
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



OCCUPIED BANDWIDTH PCS1900 CH810

Date: 29.JUL.2015 09:50:26



OCCUPIED BANDWIDTH WCDMA BANDII CH9262

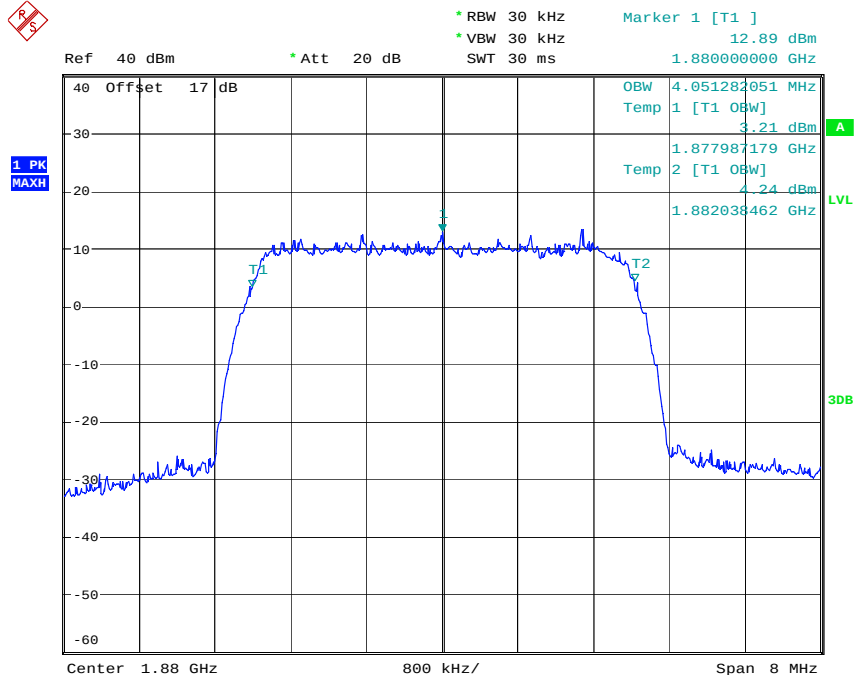
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Worldwide Testing Services(Taiwan) Co., Ltd.

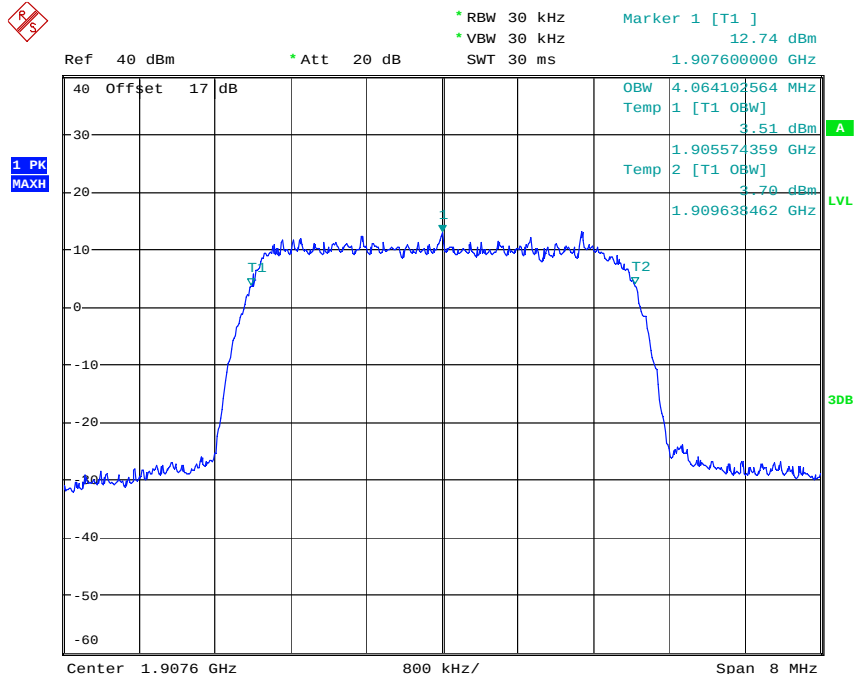
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



OCCUPIED BANDWIDTH WCDMA BANDII CH9400

Date: 29.JUL.2015 09:46:15



OCCUPIED BANDWIDTH WCDMA BANDII CH9538

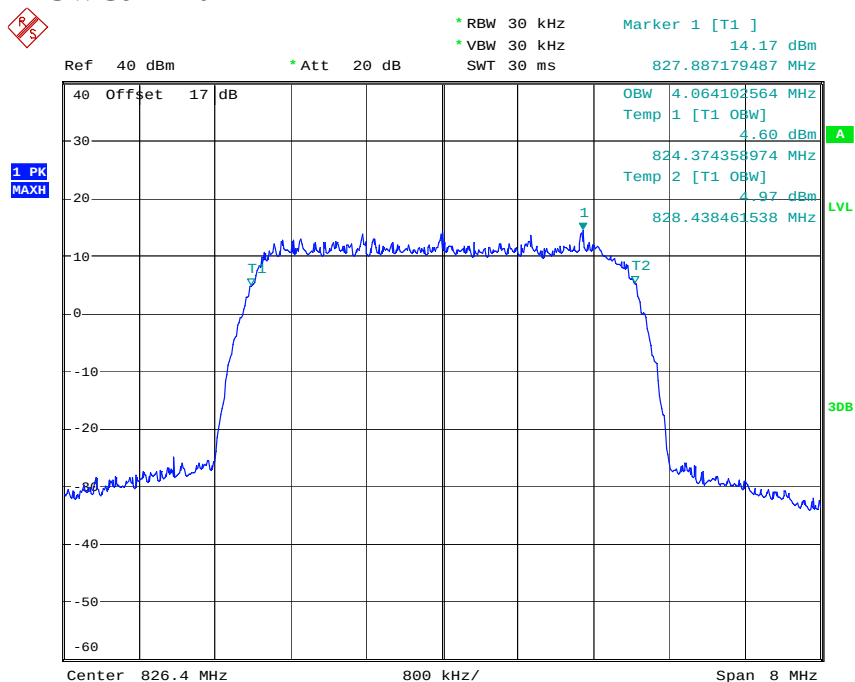
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Worldwide Testing Services(Taiwan) Co., Ltd.

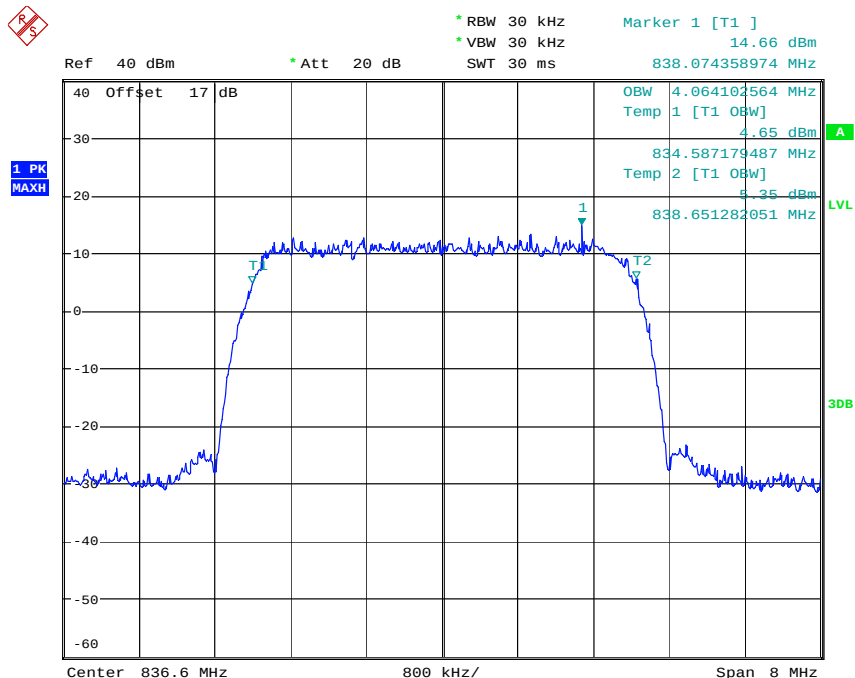
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



OCCUPIED BANDWIDTH WCDMA BANDV CH4132

Date: 29.JUL.2015 09:43:15



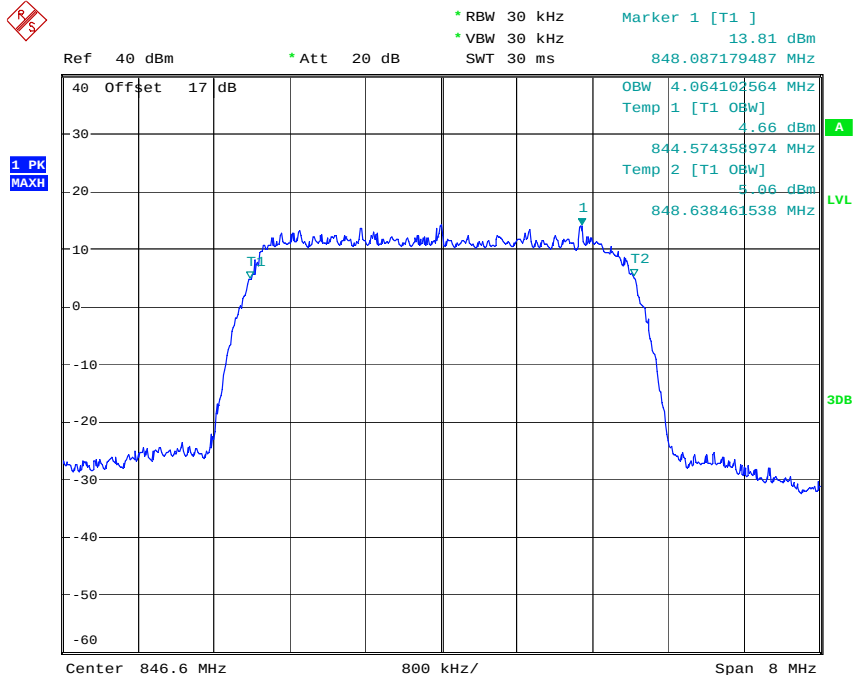
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Date: 29.JUL.2015 09:42:44



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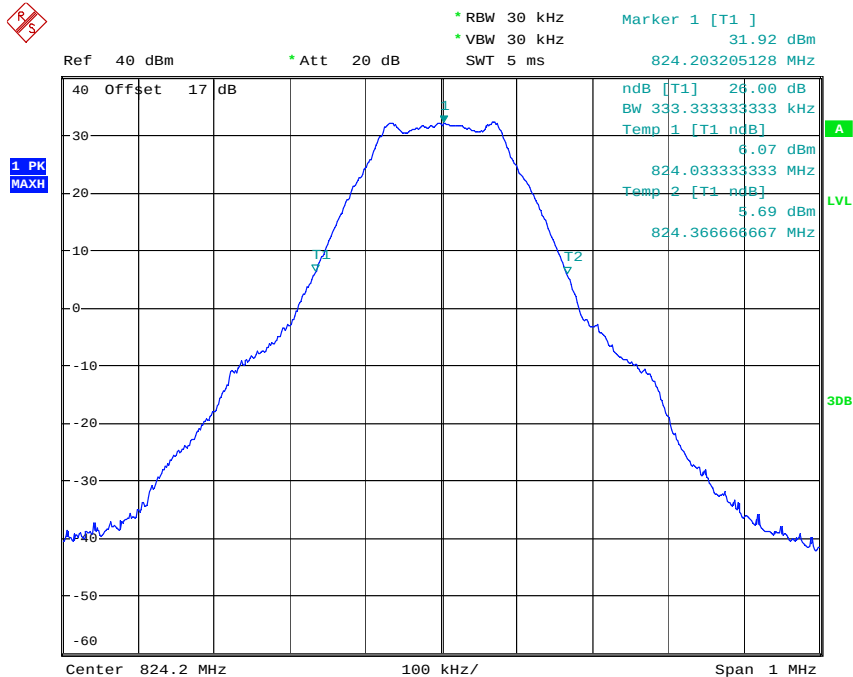
FCC ID: GX9HPGWG5DT16



OCCUPIED BANDWIDTH WCDMA BANDV CH4233

Date: 29.JUL.2015 09:42:12

26dB Channel Bandwidth



26DB BANDWIDTH GSM850 CH128

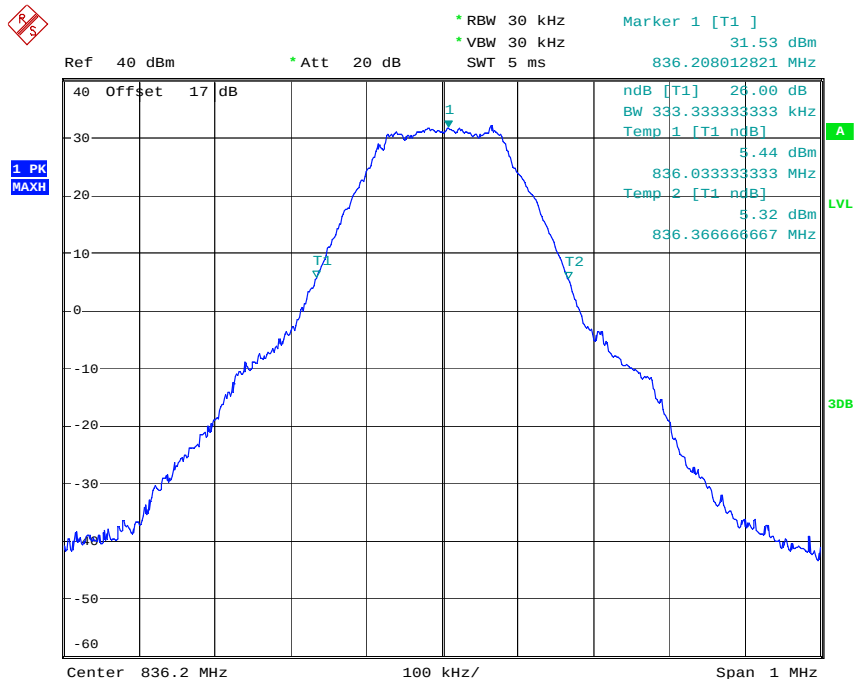
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Worldwide Testing Services(Taiwan) Co., Ltd.

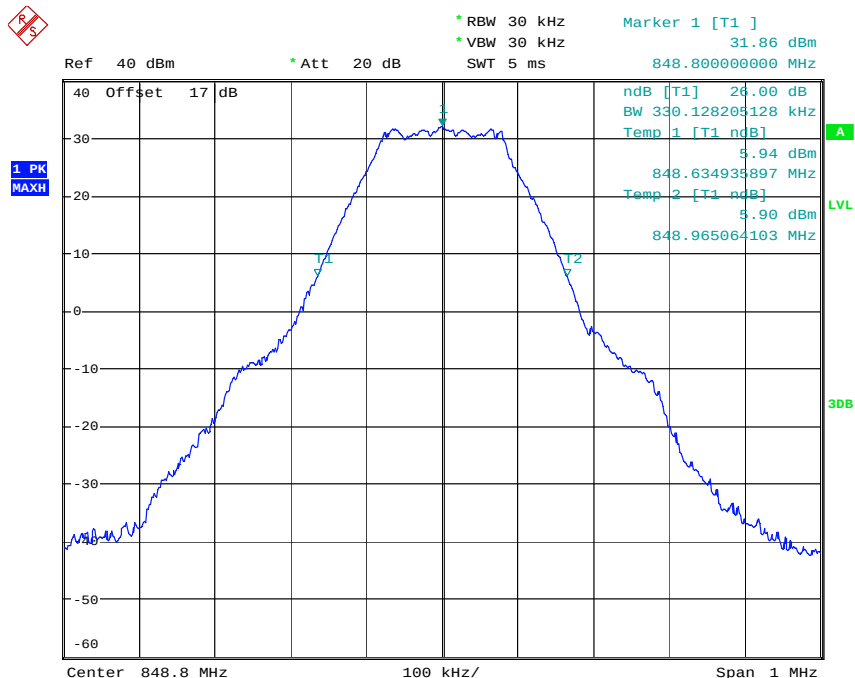
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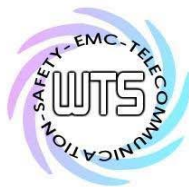
26DB BANDWIDTH GSM850 CH188

Date: 29.JUL.2015 09:28:24



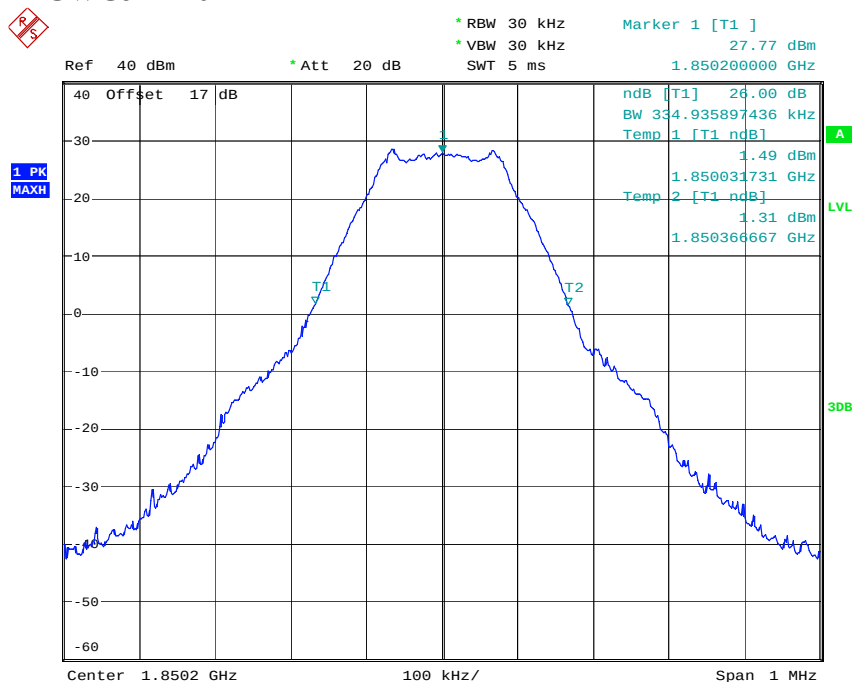
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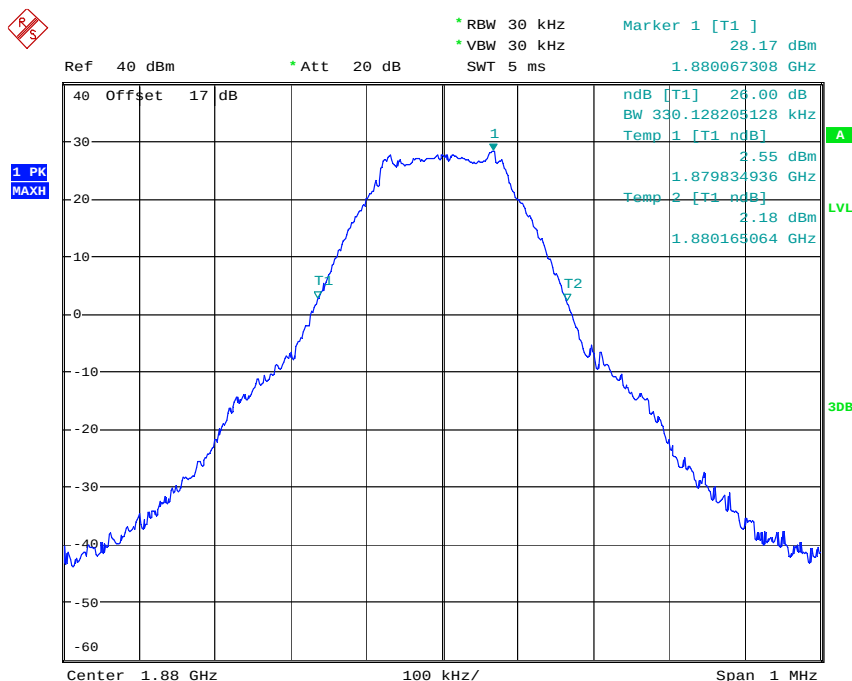
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FCC ID: GX9HPGWG5DT16



26DB BANDWIDTH PCS1900 CH512

Date: 29.JUL.2015 09:31:03



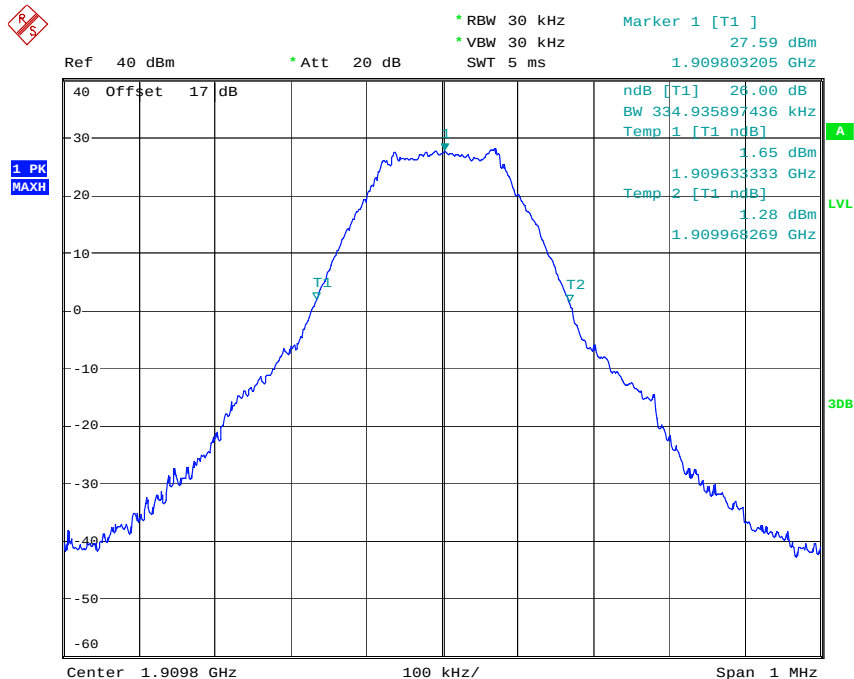
26DB BANDWIDTH PCS1900 CH661

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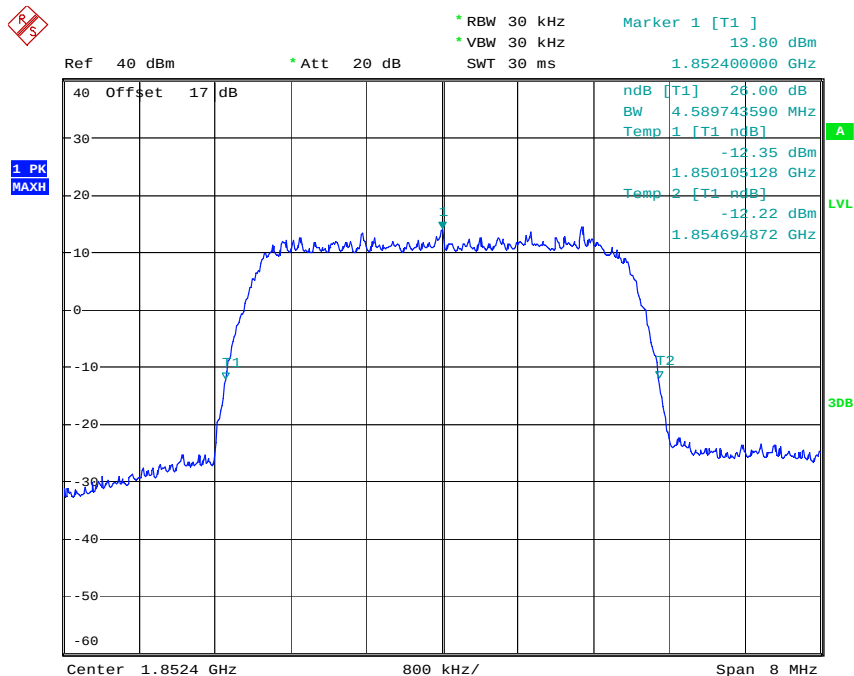
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



26DB BANDWIDTH PCS1900 CH810

Date: 29.JUL.2015 09:32:13



26DB BANDWIDTH WCDMA BANDII CH9262

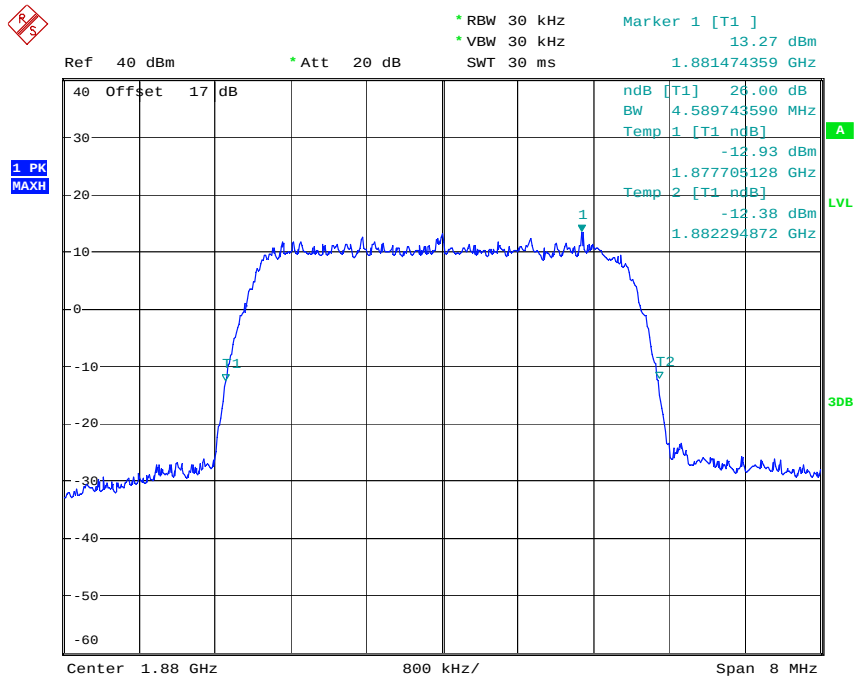
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Worldwide Testing Services(Taiwan) Co., Ltd.

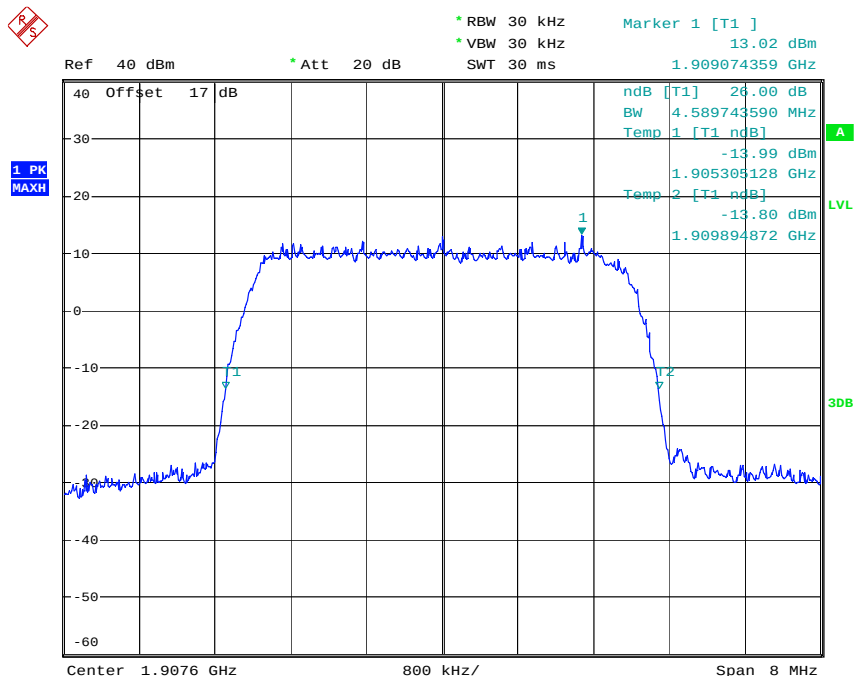
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FCC ID: GX9HPGWG5DT16



26DB BANDWIDTH WCDMA BANDII CH9400

Date: 29.JUL.2015 09:35:29



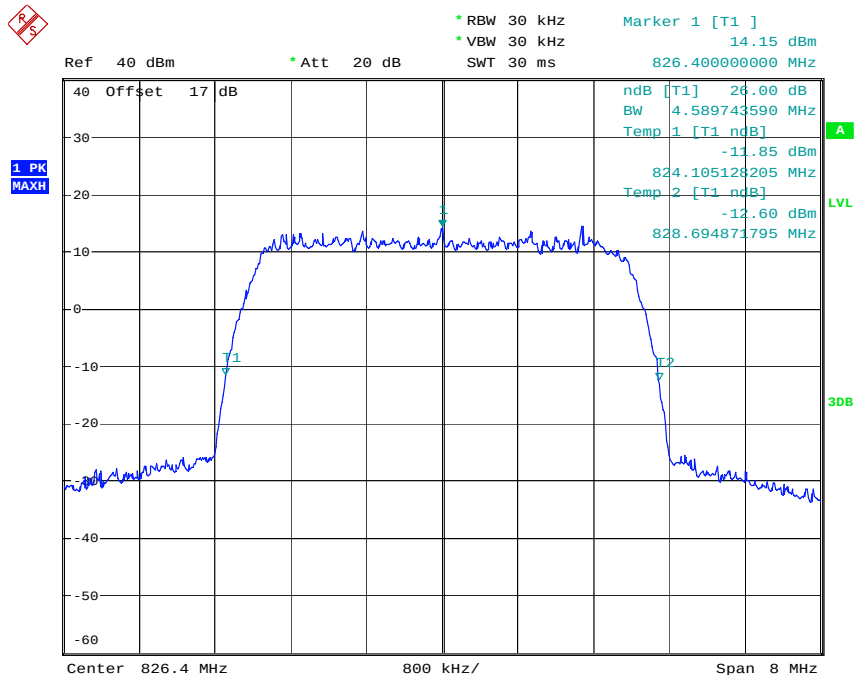
26DB BANDWIDTH WCDMA BANDII CH9538

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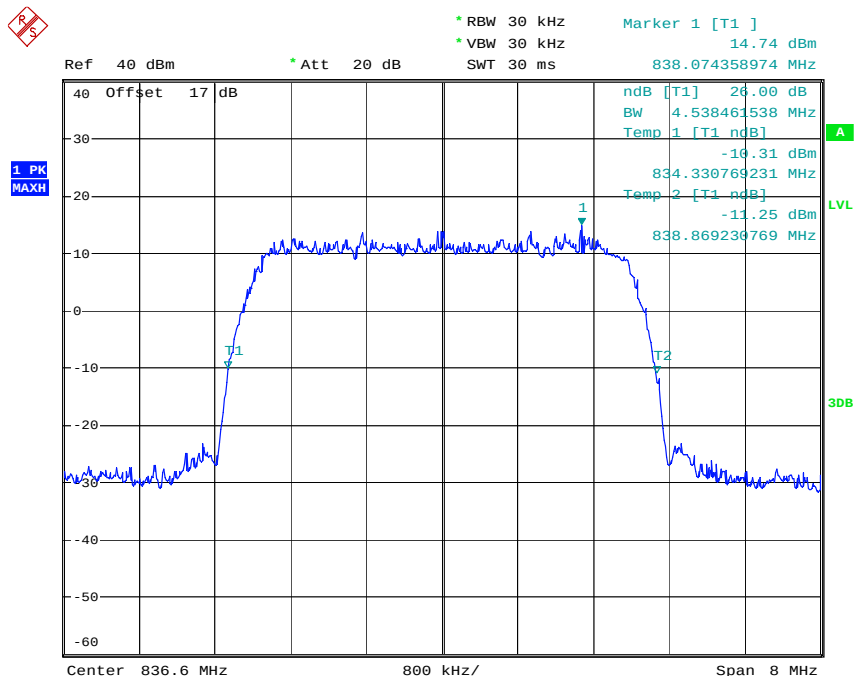
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



26DB BANDWIDTH WCDMA BANDV CH4132

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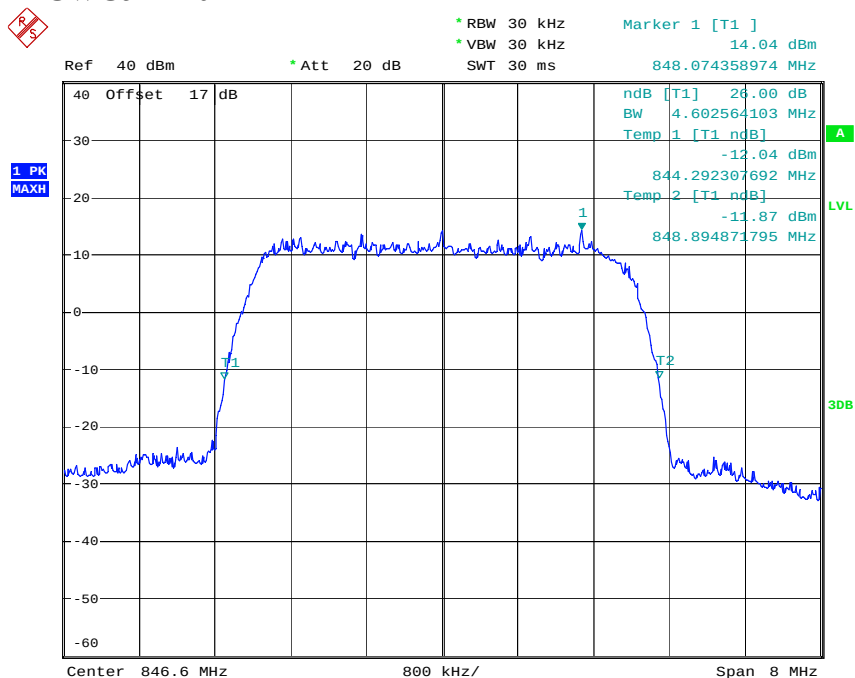


26DB BANDWIDTH WCDMA BANDV CH4183

Date: 29.JUL.2015 09:40:26



Report Number: W6R21610-16279-P-2224
FCC ID: GX9HPGWG5DT16



26DB BANDWIDTH WCDMA BANDV CH4233
Date: 29.JUL.2015 09:40:58

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

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

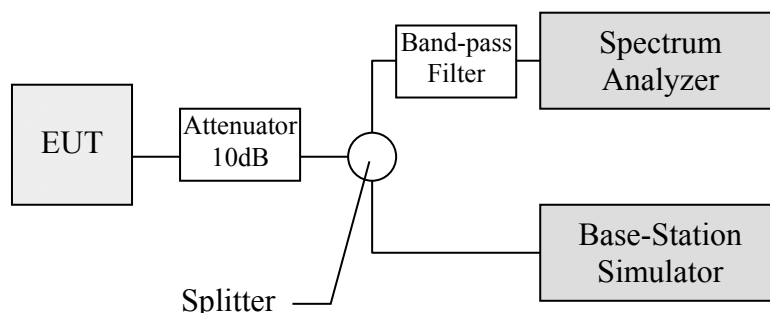
6. Spurious Emissions at Antenna Terminals

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.

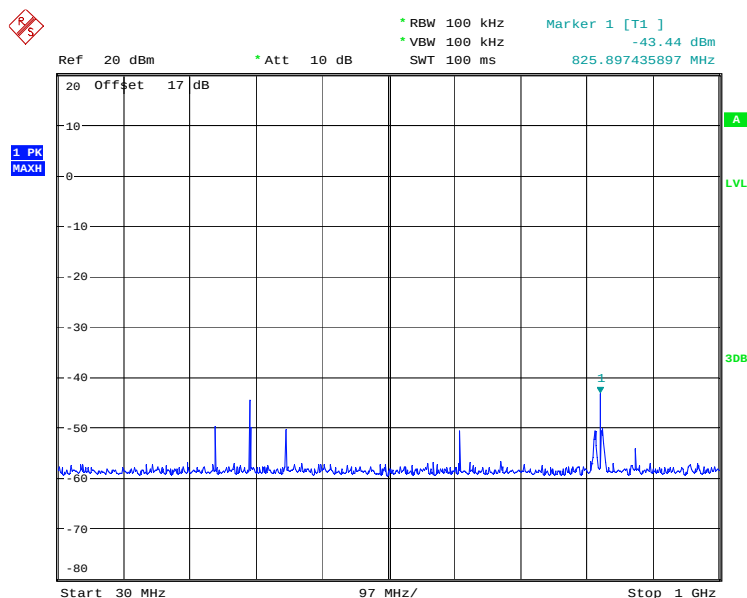
The Spurious Emissions at Antenna Terminals was measured by the spectrum analyzer with a suitable notch filter and/or Band-pass filter.

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



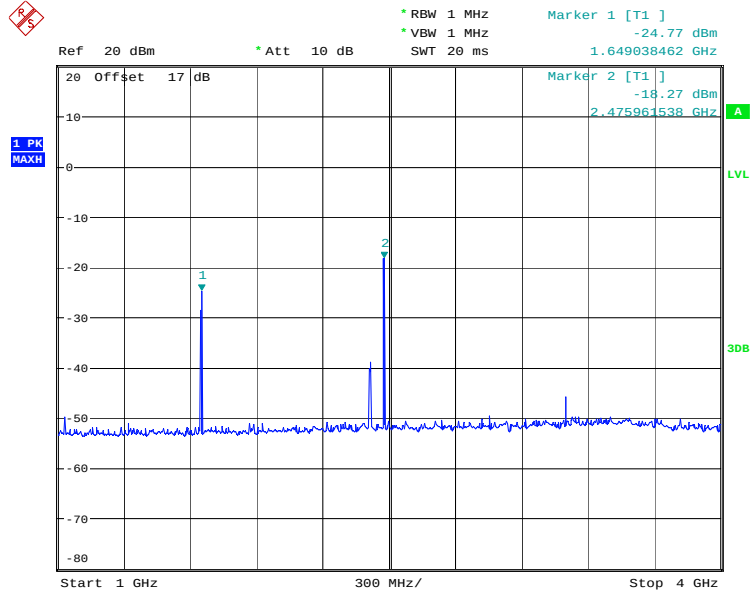
CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 29.JUL.2015 09:58:50



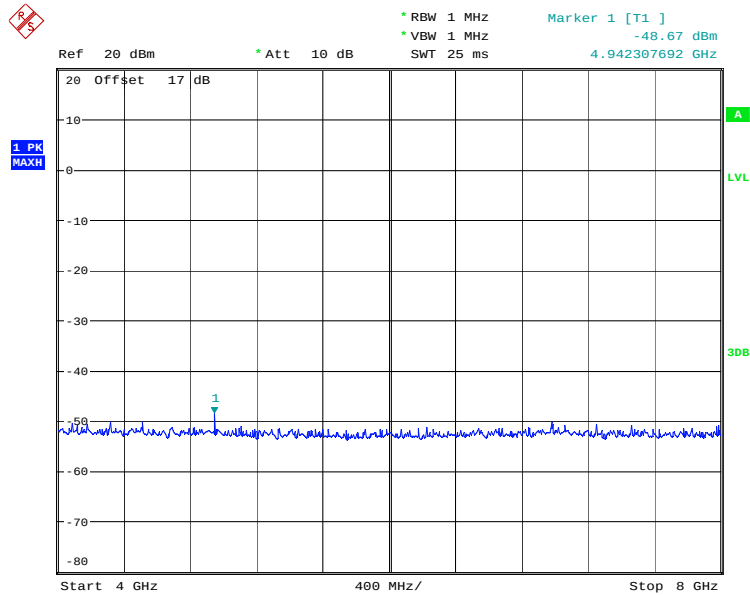
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 29.JUL.2015 10:07:43



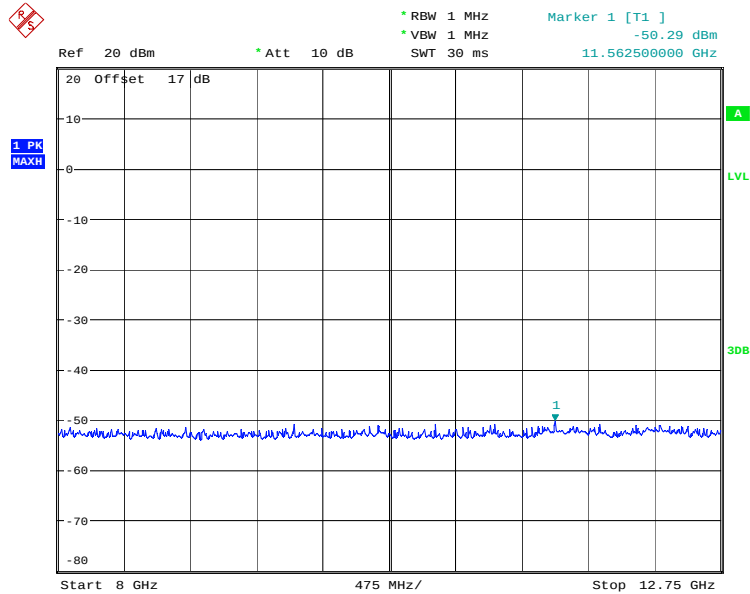
CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 29.JUL.2015 10:08:20



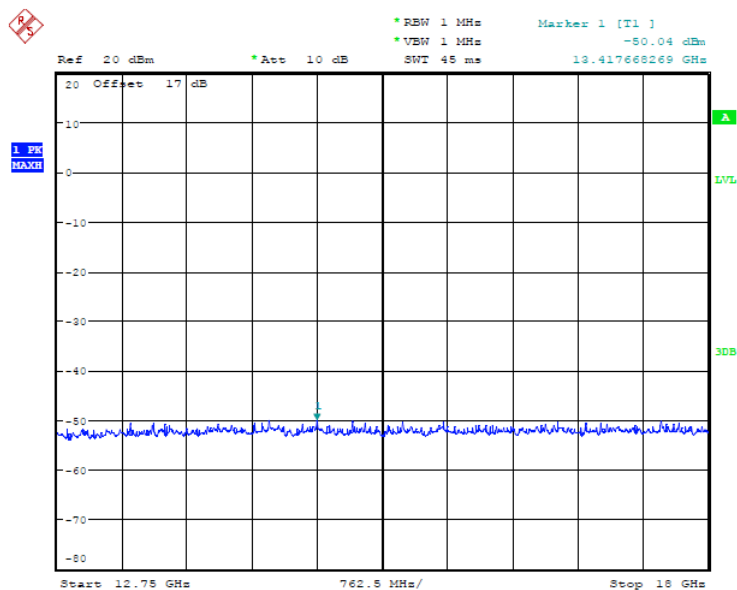
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 29.JUL.2015 10:00:03



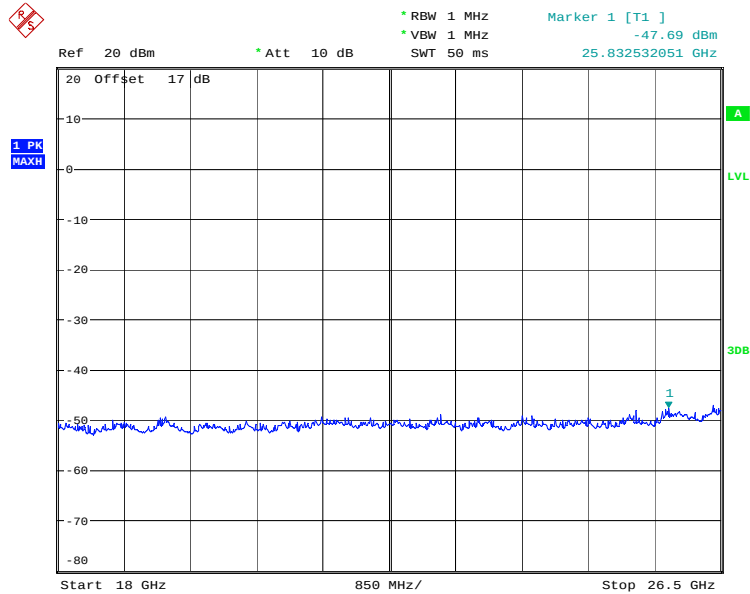
CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 29.JUL.2015 10:00:26



Report Number: W6R21610-16279-P-2224

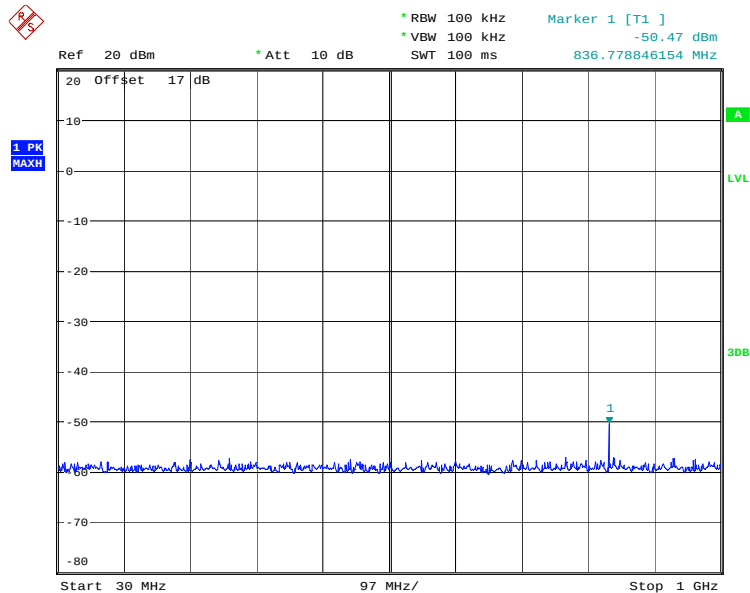
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CONDUCTED SPURIOUS EMISSION GSM850 CH128

Date: 29.JUL.2015 10:00:54

CH188



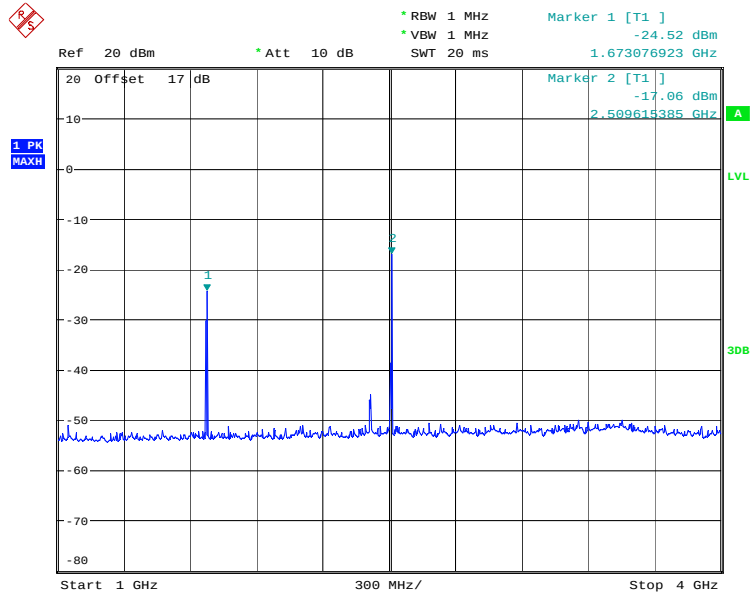
CONDUCTED SPURIOUS EMISSION GSM850 CH188

Date: 29.JUL.2015 10:09:48



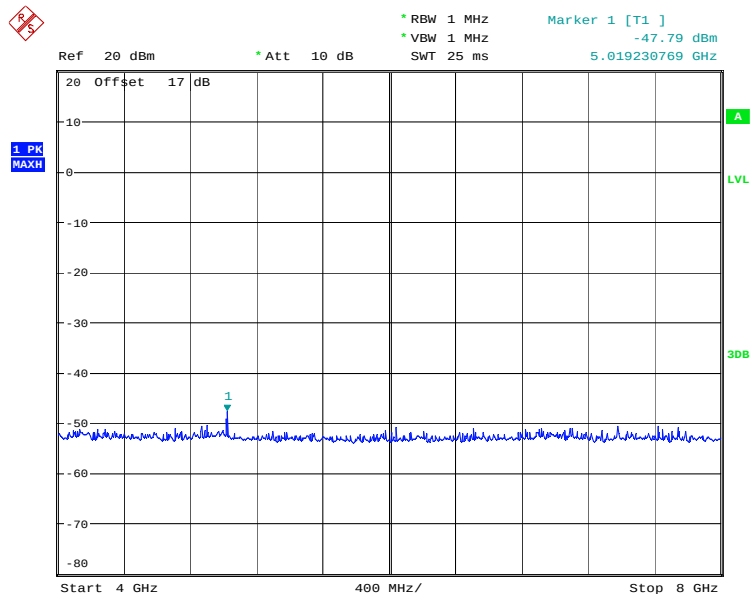
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION GSM850 CH188

Date: 29.JUL.2015 10:10:32



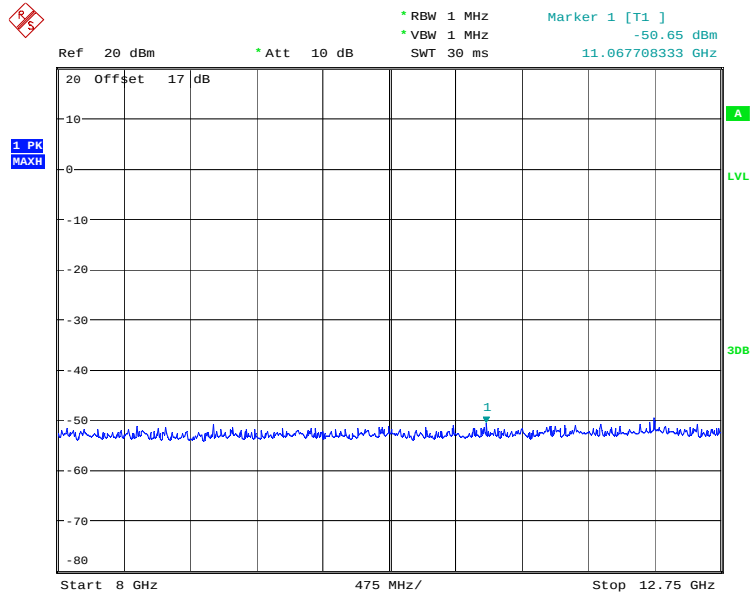
CONDUCTED SPURIOUS EMISSION GSM850 CH188

Date: 29.JUL.2015 10:11:05



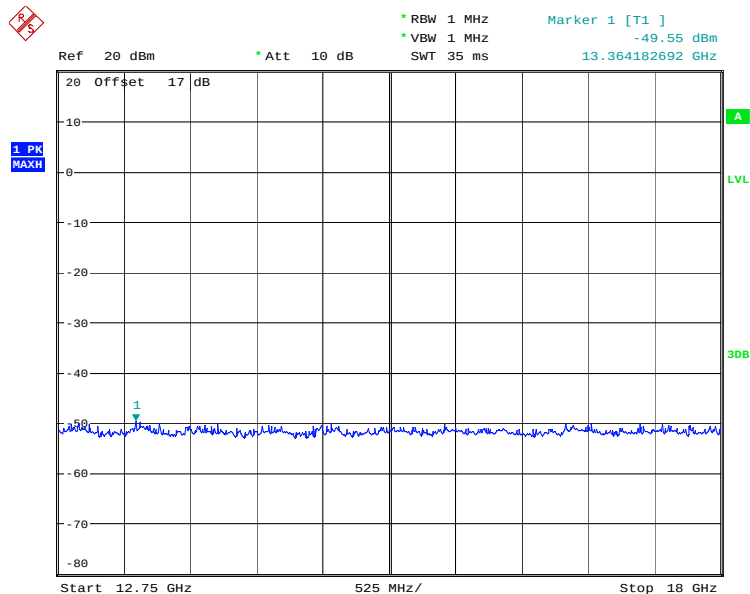
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION GSM850 CH188

Date: 29.JUL.2015 10:12:27



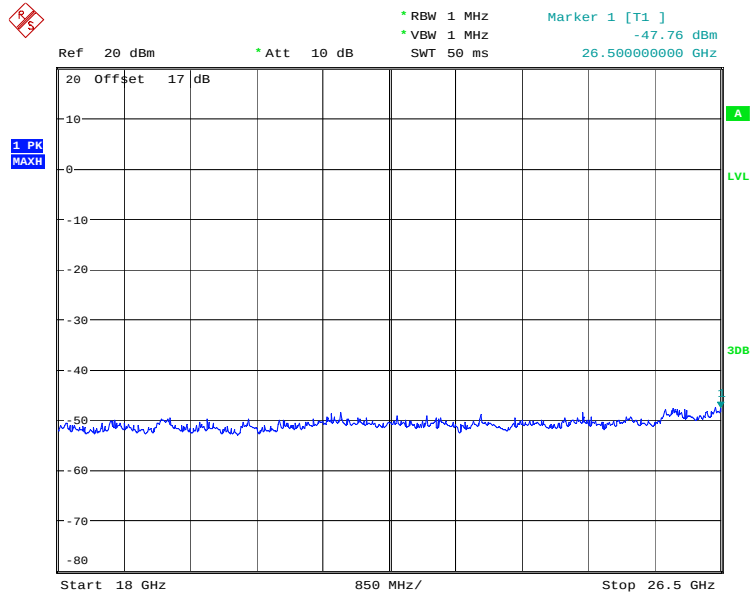
CONDUCTED SPURIOUS EMISSION GSM850 CH188

Date: 29.JUL.2015 10:12:12



Report Number: W6R21610-16279-P-2224

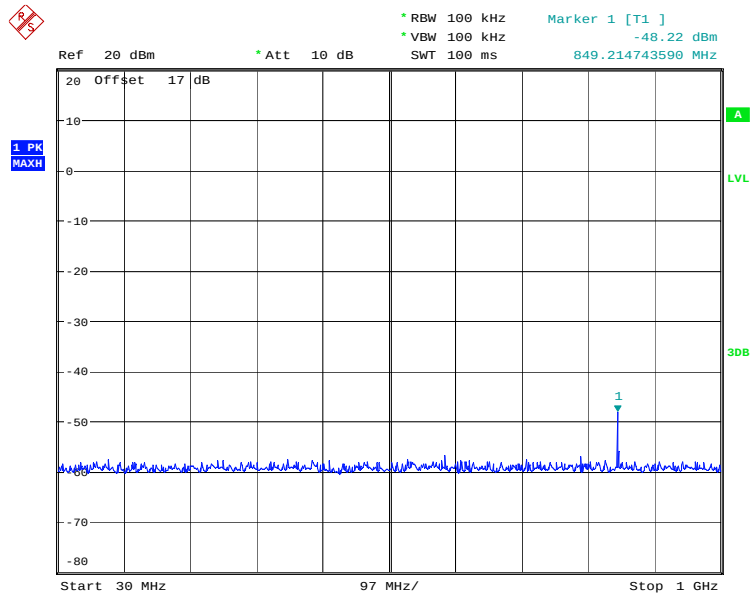
FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION GSM850 CH188

Date: 29.JUL.2015 10:12:51

CH251



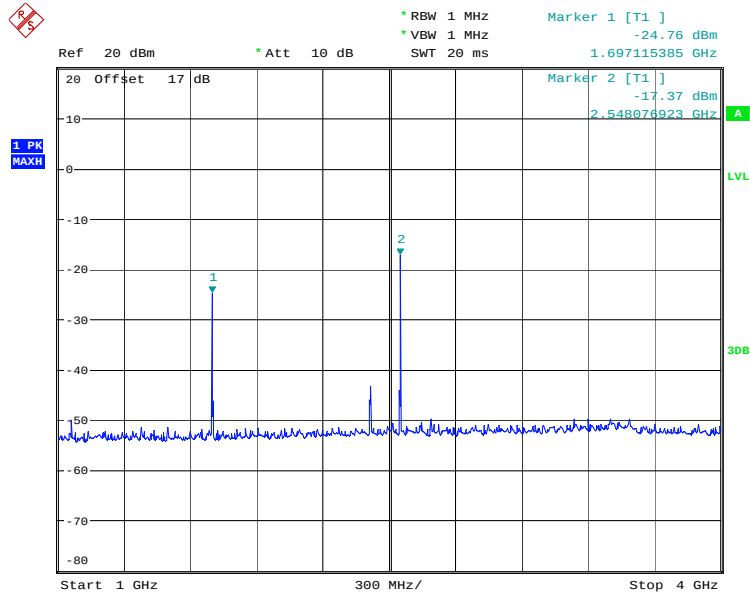
CONDUCTED SPURIOUS EMISSION GSM850 CH251

Date: 29.JUL.2015 10:13:55



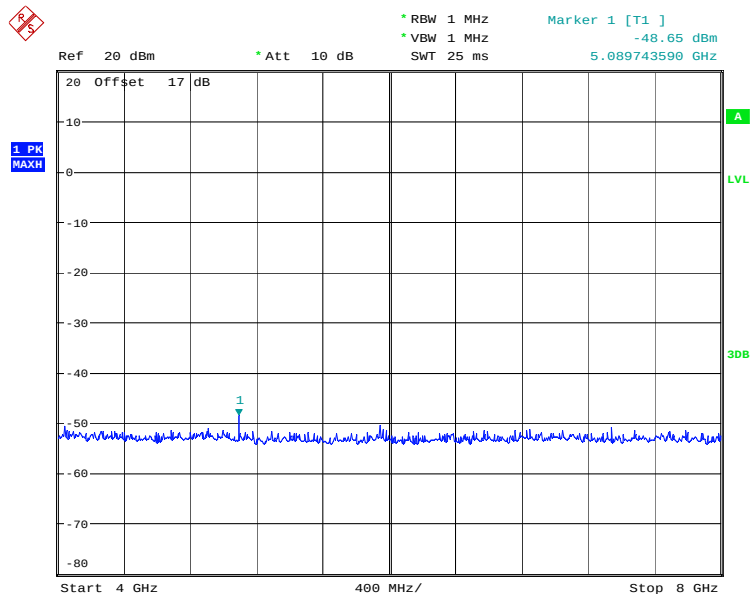
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION GSM850 CH251

Date: 29.JUL.2015 10:14:40



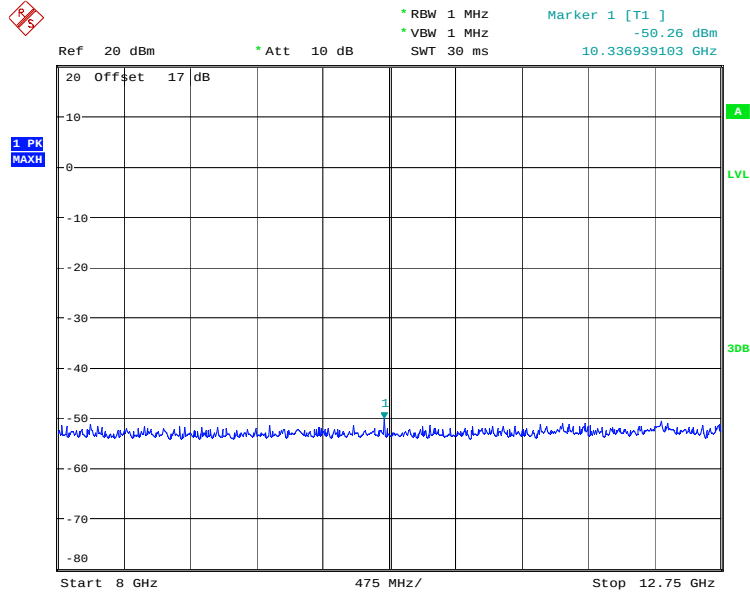
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Date: 29.JUL.2015 10:14:54



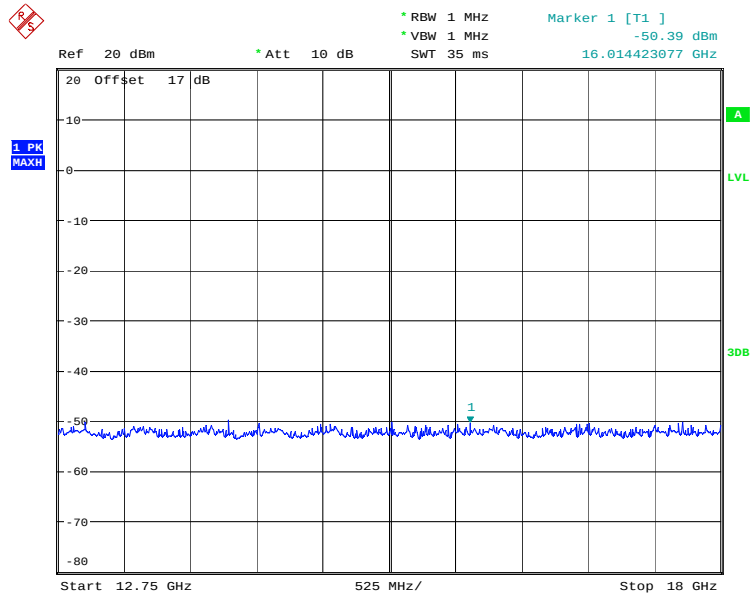
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION GSM850 CH251

Date: 29.JUL.2015 10:15:06



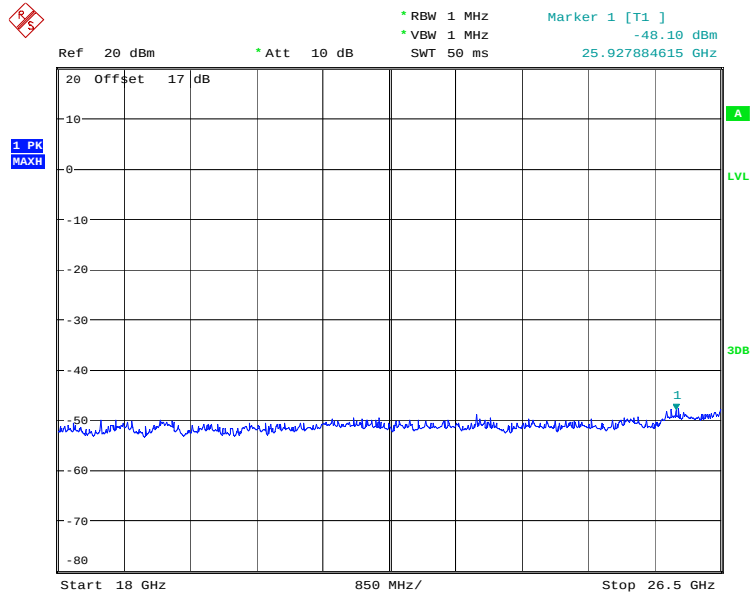
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Date: 29.JUL.2015 10:15:21



Report Number: W6R21610-16279-P-2224

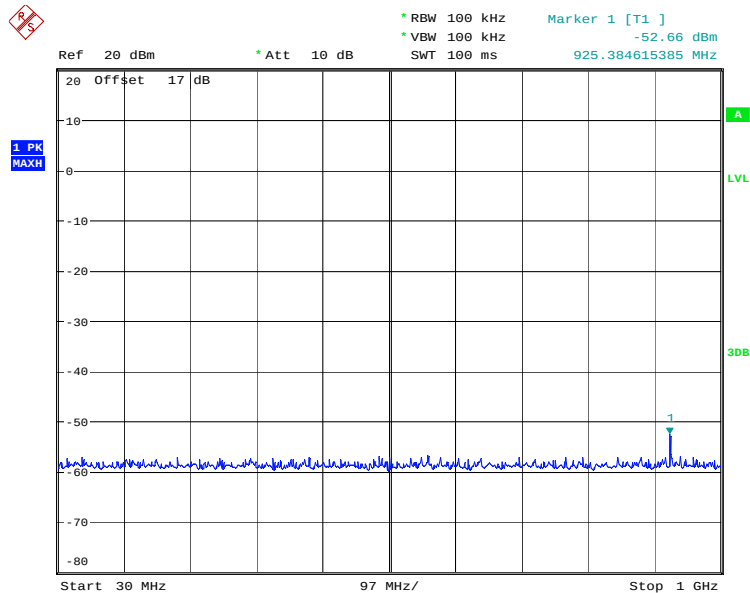
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CONDUCTED SPURIOUS EMISSION GSM850 CH251

Date: 29.JUL.2015 10:15:40

CH512



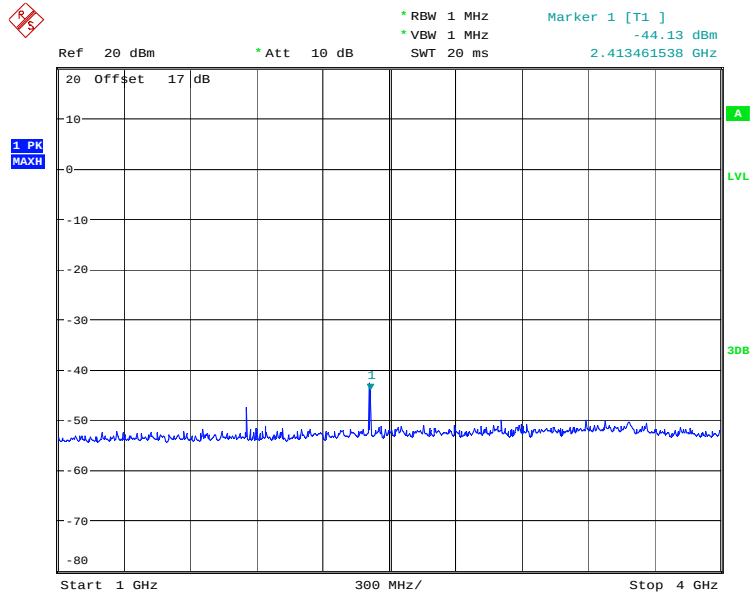
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Date: 29.JUL.2015 10:26:42



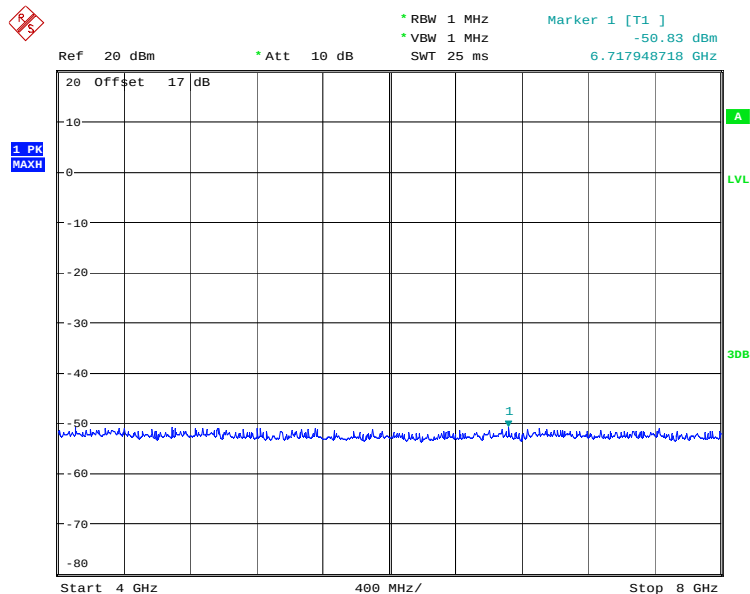
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION PCS1900 CH512

Date: 29.JUL.2015 10:27:43



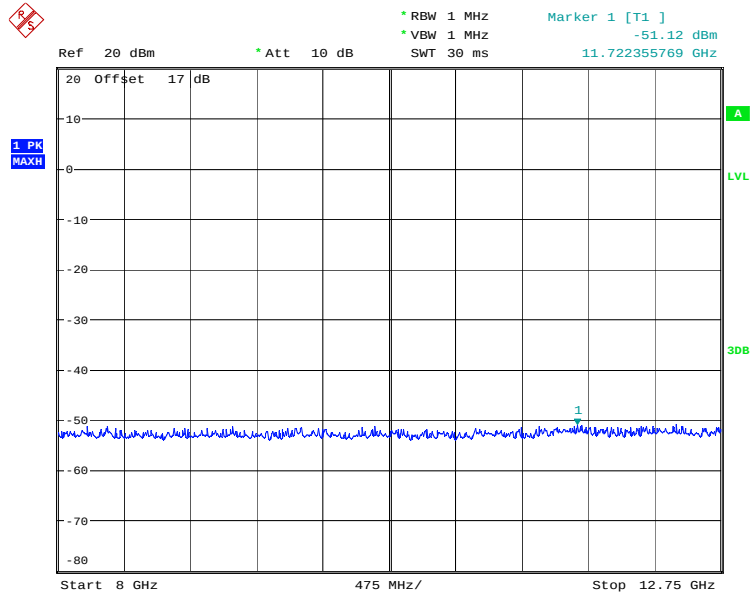
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Date: 29.JUL.2015 10:28:24



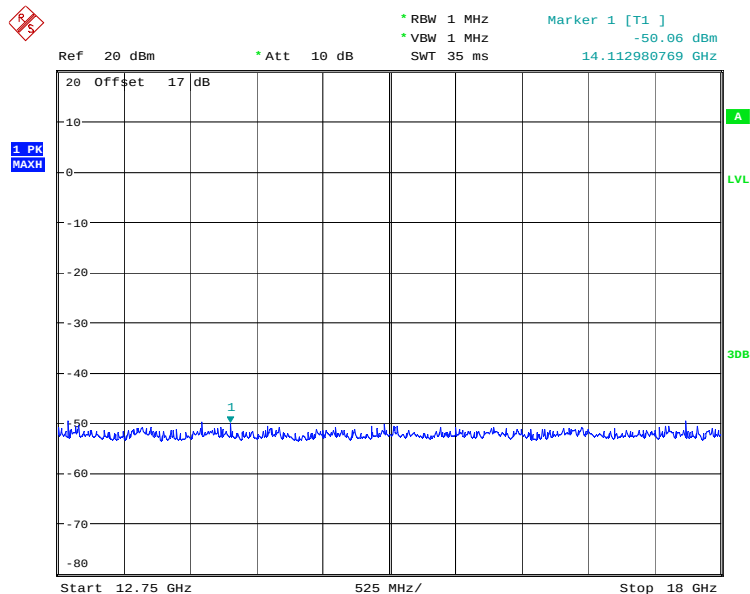
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION PCS1900 CH512

Date: 29.JUL.2015 10:28:44



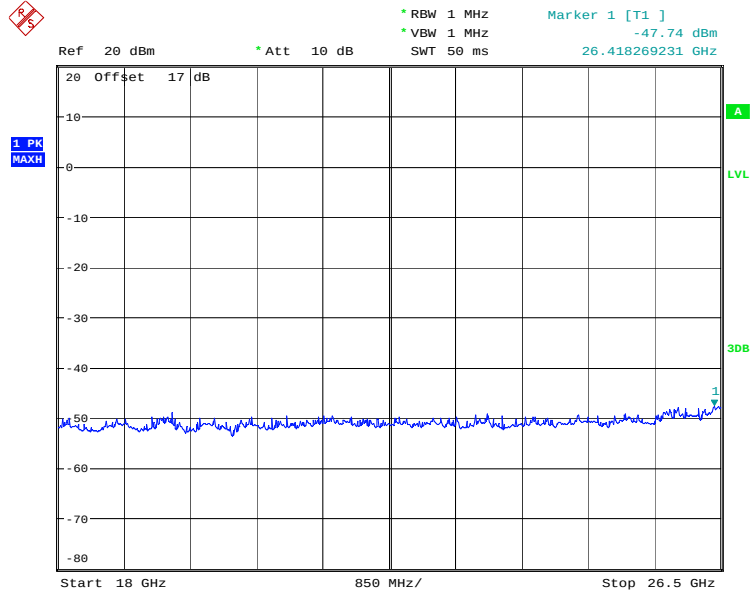
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Report Number: W6R21610-16279-P-2224

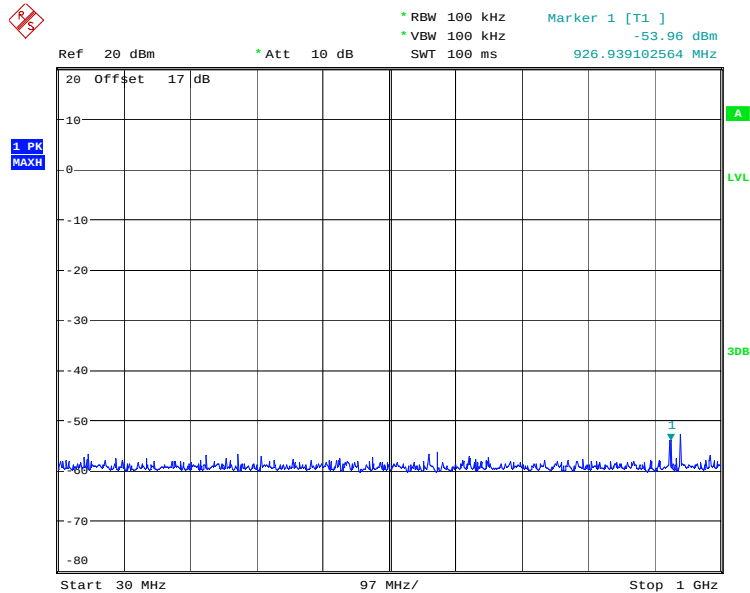
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CONDUCTED SPURIOUS EMISSION PCS1900 CH512

Date: 29.JUL.2015 10:29:15

CH661



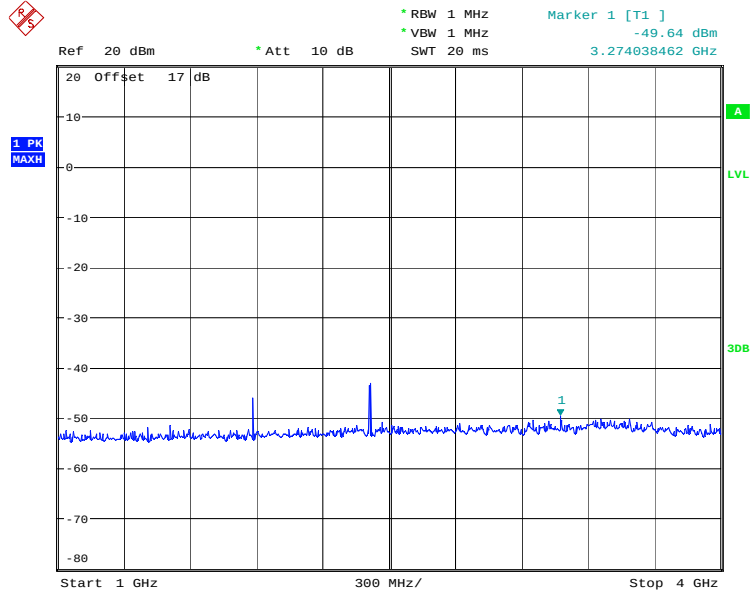
CONDUCTED SPURIOUS EMISSION PCS1900 CH661

Date: 29.JUL.2015 10:30:02



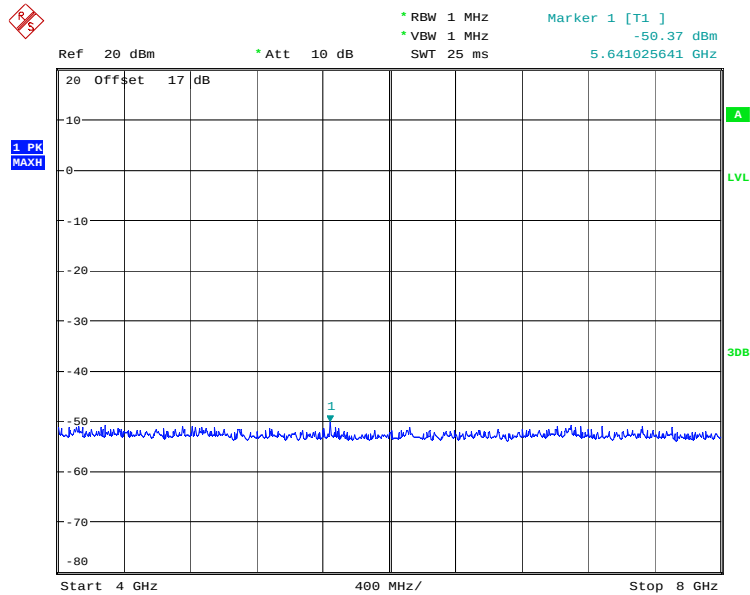
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION PCS1900 CH661

Date: 29.JUL.2015 10:30:32



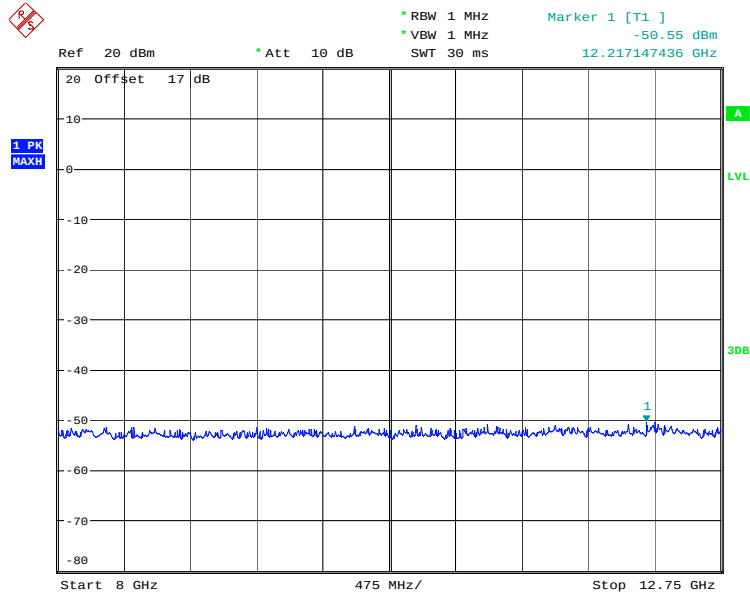
CONDUCTED SPURIOUS EMISSION PCS1900 CH661

Date: 29.JUL.2015 10:30:49



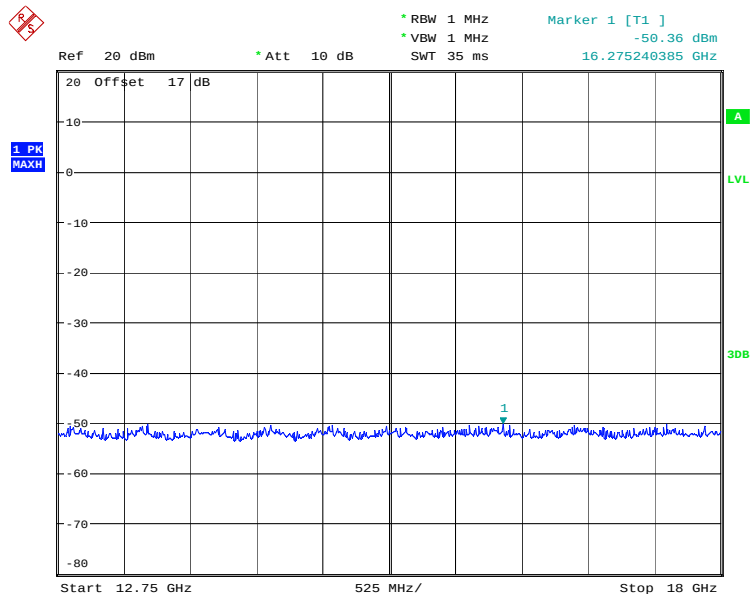
Report Number: W6R21610-16279-P-2224

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CONDUCTED SPURIOUS EMISSION PCS1900 CH661

Date: 29.JUL.2015 10:31:07



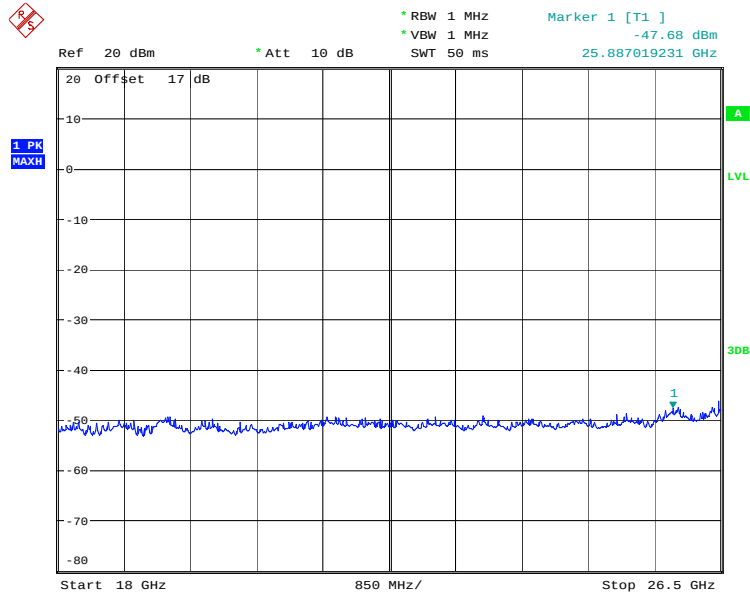
CONDUCTED SPURIOUS EMISSION PCS1900 CH661

Date: 29.JUL.2015 10:31:24



Report Number: W6R21610-16279-P-2224

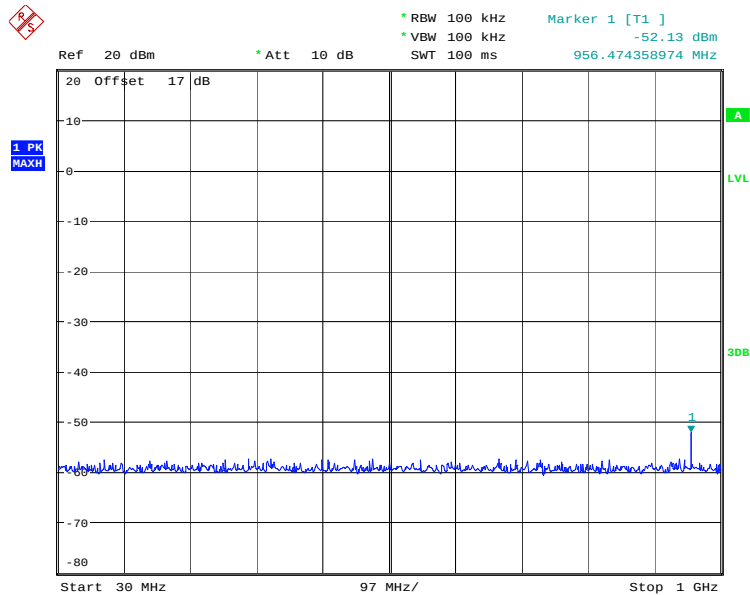
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CONDUCTED SPURIOUS EMISSION PCS1900 CH661

Date: 29.JUL.2015 10:31:48

CH810



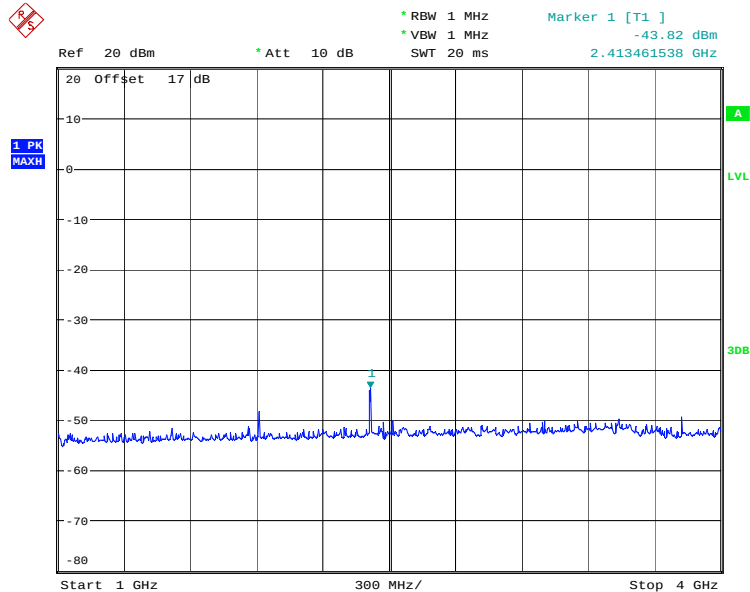
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Date: 29.JUL.2015 10:32:25



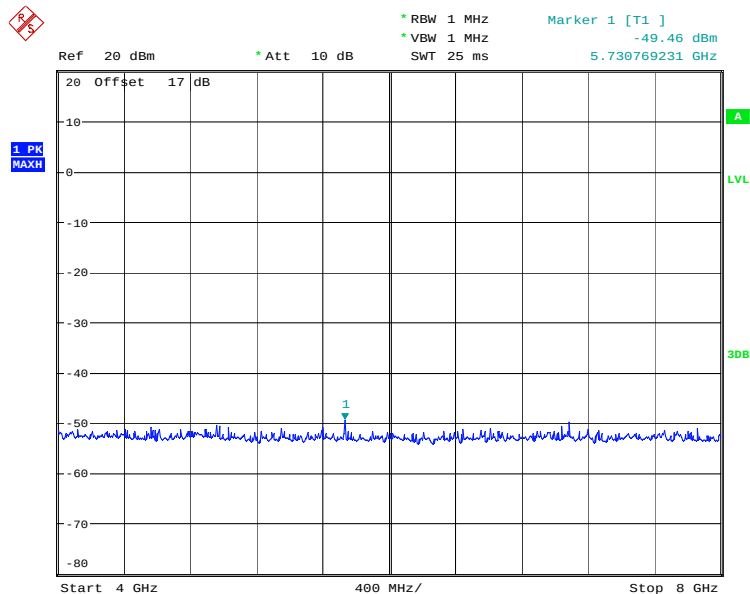
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION PCS1900 CH810

Date: 29.JUL.2015 10:33:01



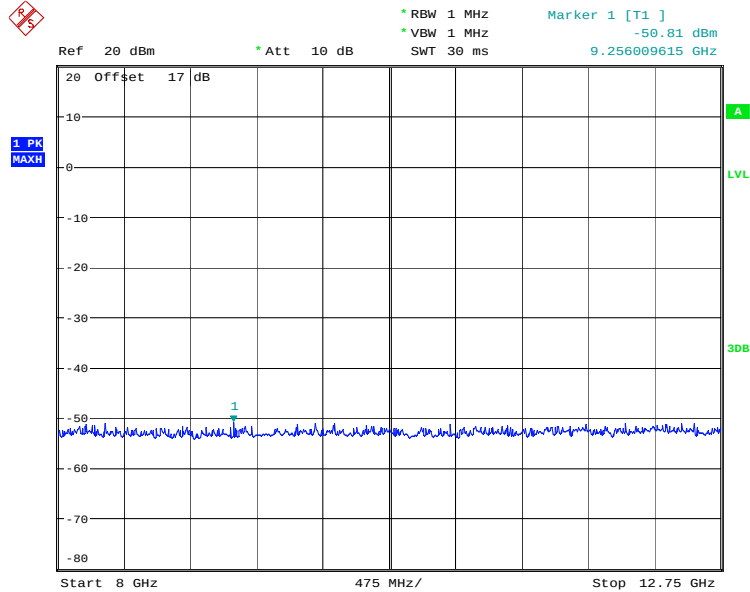
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Date: 29.JUL.2015 10:33:18



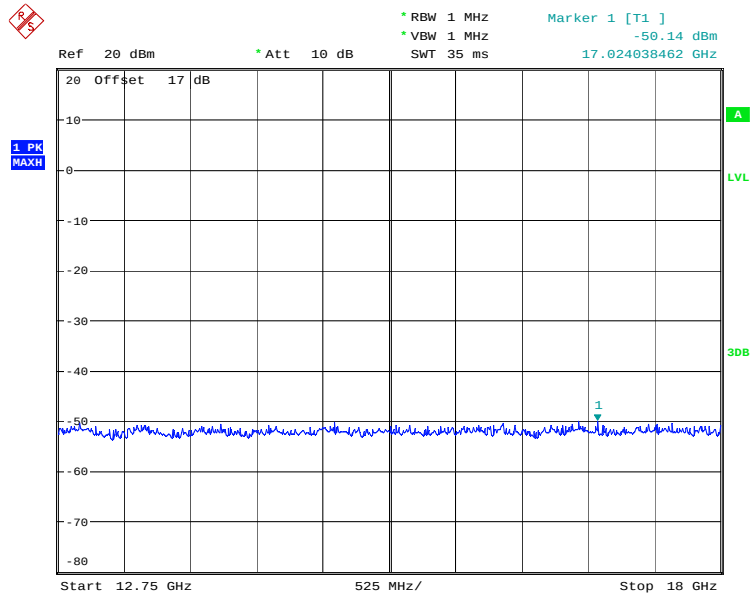
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION PCS1900 CH810

Date: 29.JUL.2015 10:33:33



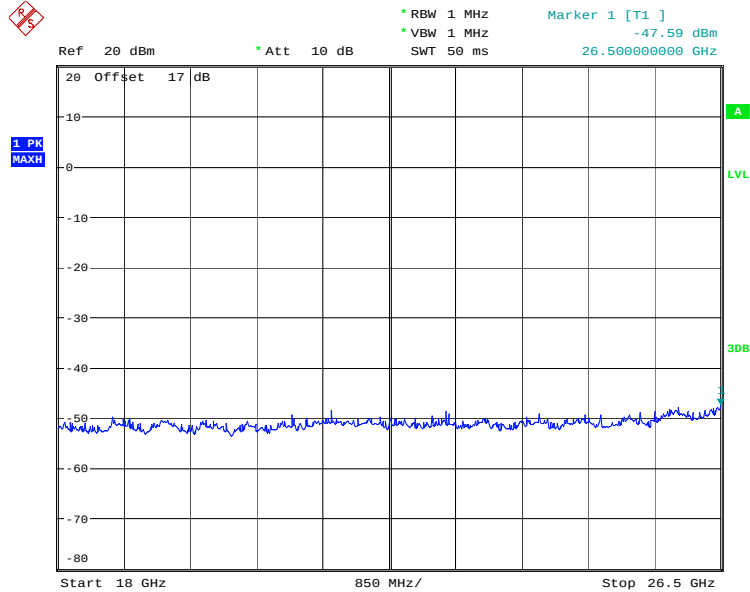
CONDUCTED SPURIOUS EMISSION PCS1900 CH810

Date: 29.JUL.2015 10:33:51



Report Number: W6R21610-16279-P-2224

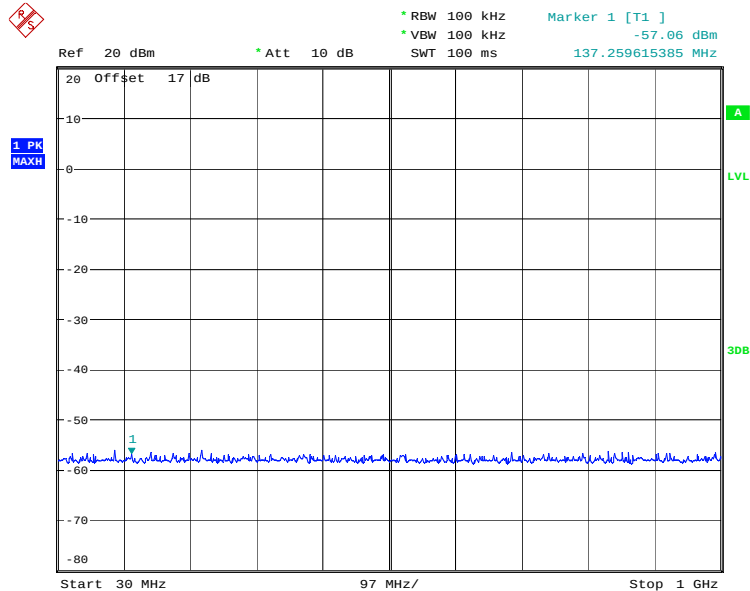
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CONDUCTED SPURIOUS EMISSION PCS1900 CH810

Date: 29.JUL.2015 10:34:04

CH9262



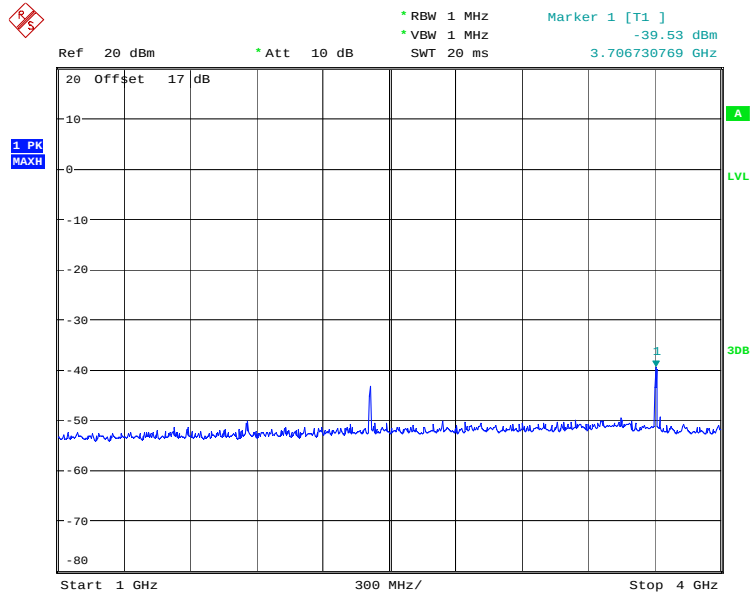
CONDUCTED SPURIOUS EMISSION WCDMA BANDII CH9262

Date: 29.JUL.2015 10:49:02



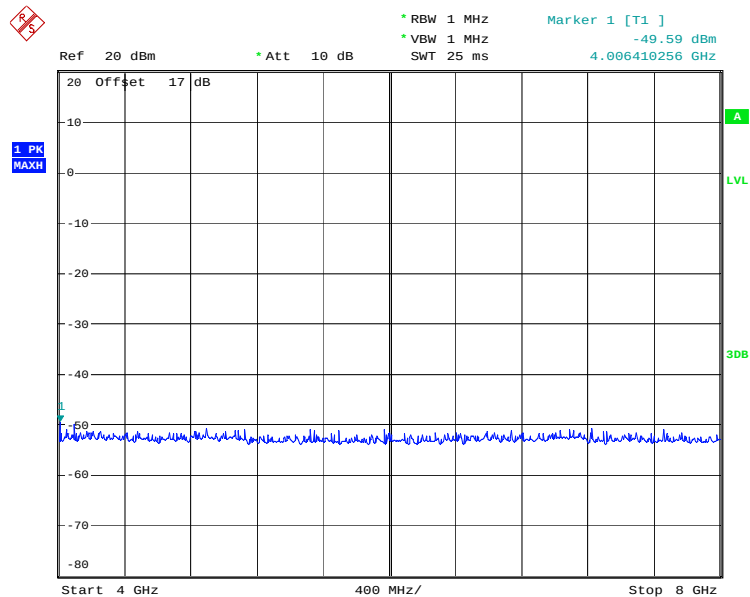
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDII CH9262

Date: 29.JUL.2015 10:50:19



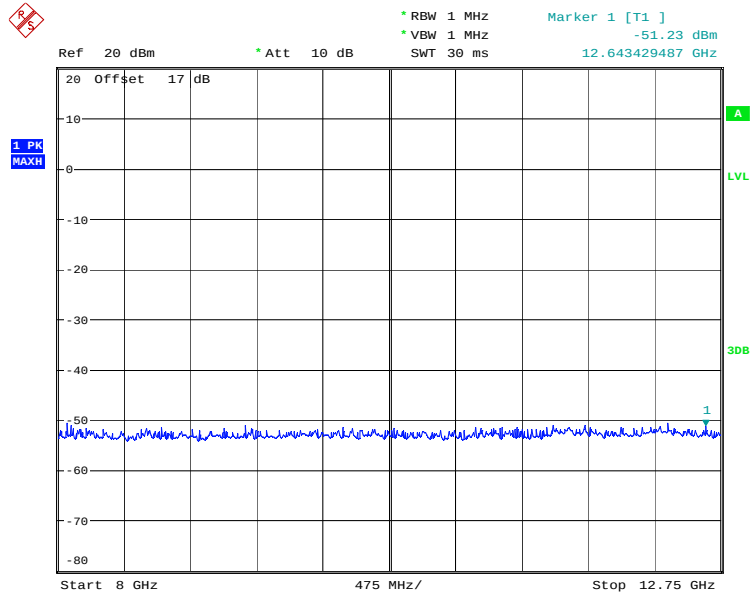
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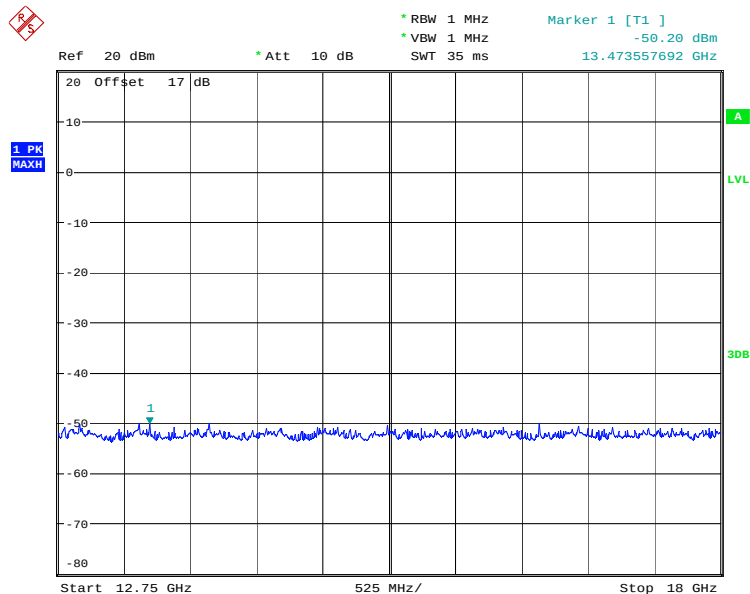
Report Number: W6R21610-16279-P-2224

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CONDUCTED SPURIOUS EMISSION WCDMA BANDII CH9262

Date: 29.JUL.2015 10:51:19



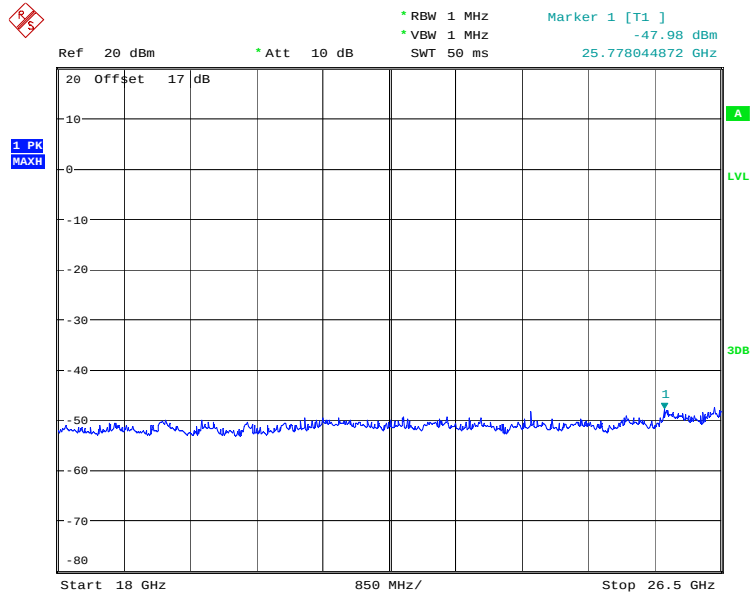
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Date: 29.JUL.2015 10:51:34



Report Number: W6R21610-16279-P-2224

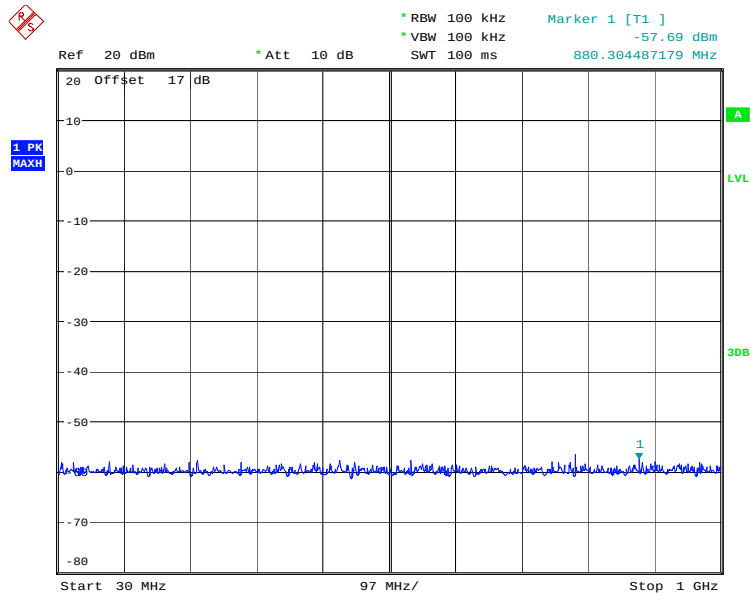
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CONDUCTED SPURIOUS EMISSION WCDMA BANDII CH9262

Date: 29.JUL.2015 10:51:49

CH9400



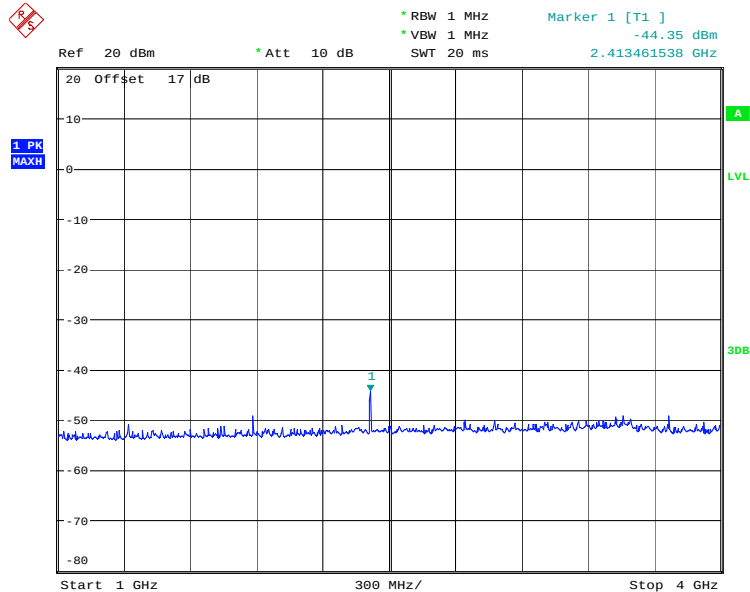
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Date: 29.JUL.2015 10:53:30



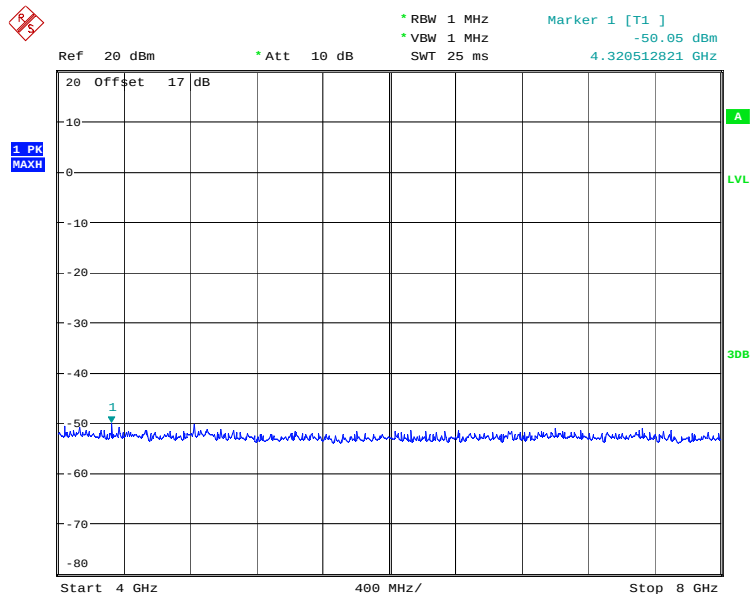
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDII CH9400

Date: 29.JUL.2015 10:54:51



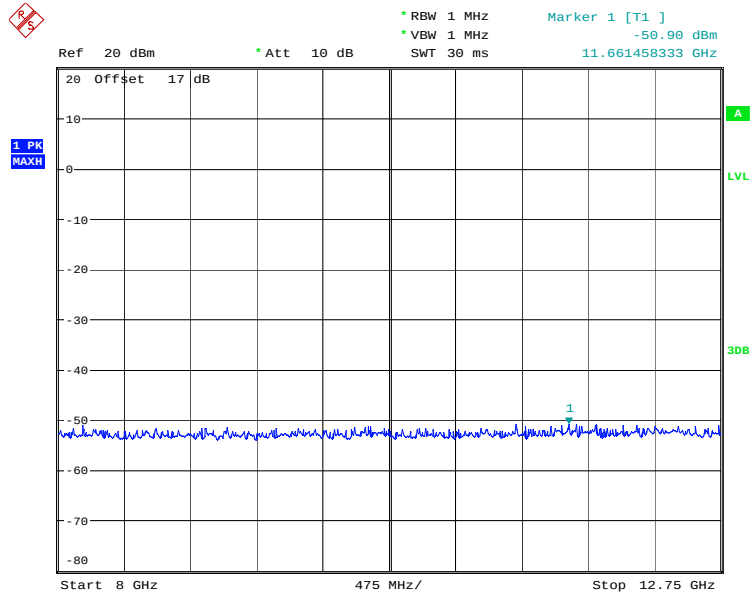
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Date: 29.JUL.2015 10:55:13



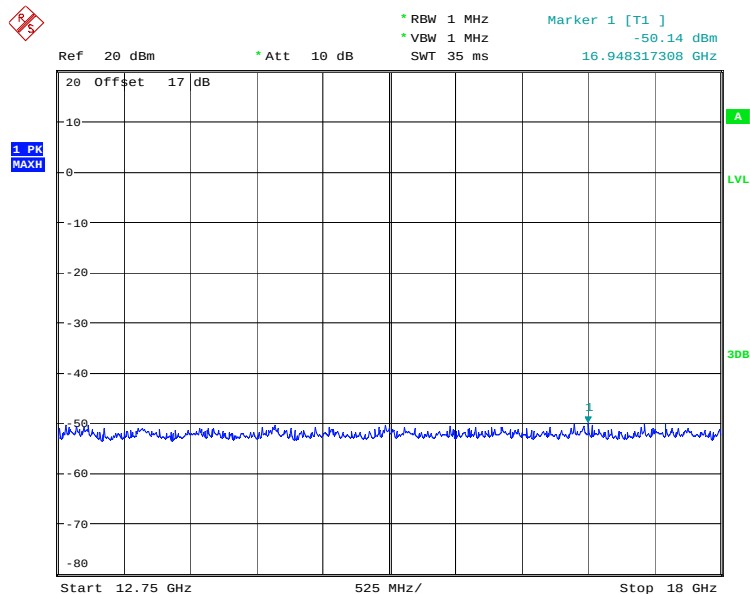
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDII CH9400

Date: 29.JUL.2015 10:55:30



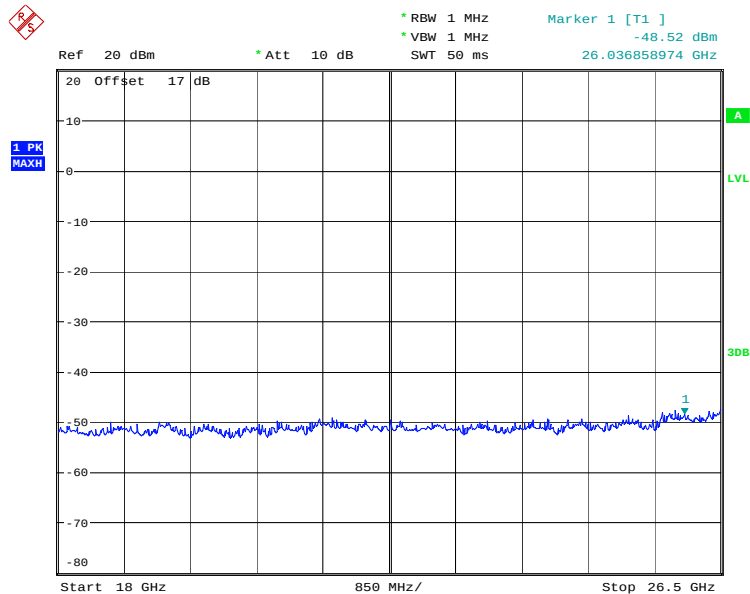
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Date: 29.JUL.2015 10:55:52



Report Number: W6R21610-16279-P-2224

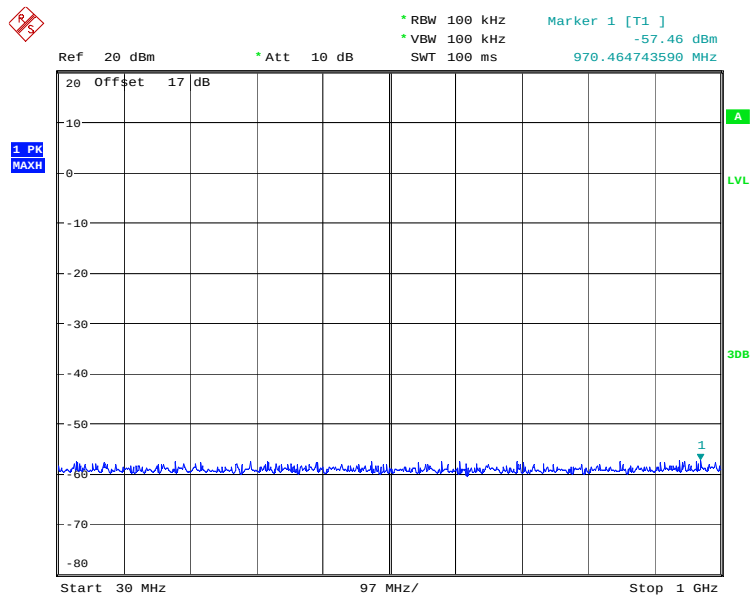
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CONDUCTED SPURIOUS EMISSION WCDMA BANDII CH9400

Date: 29.JUL.2015 10:56:06

CH9538



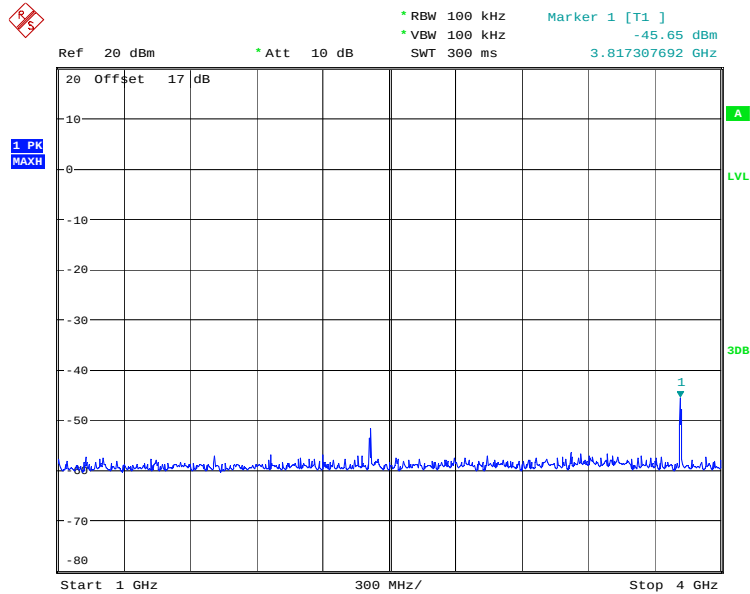
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Date: 29.JUL.2015 10:56:57



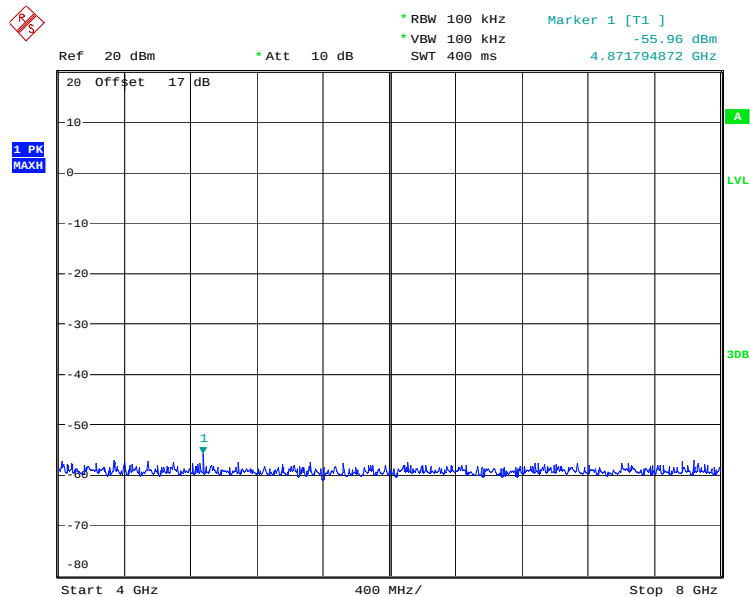
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDII CH9538

Date: 29.JUL.2015 10:57:29



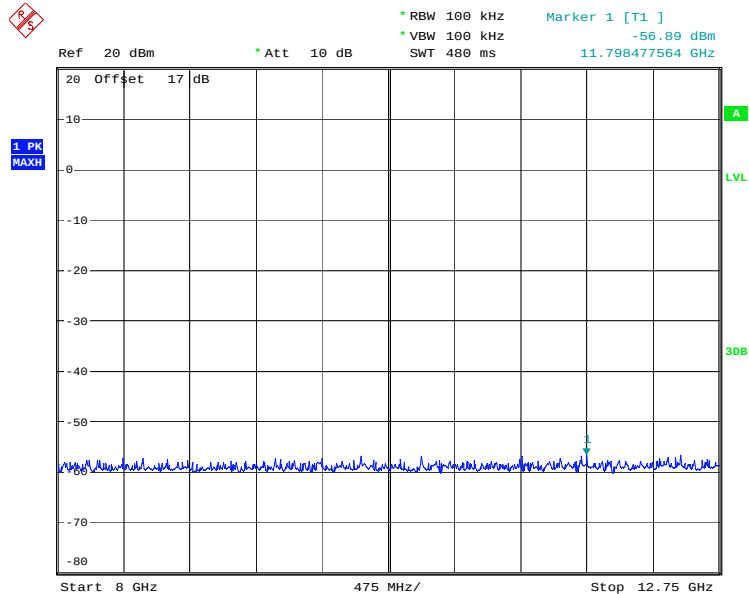
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Date: 29.JUL.2015 10:57:45



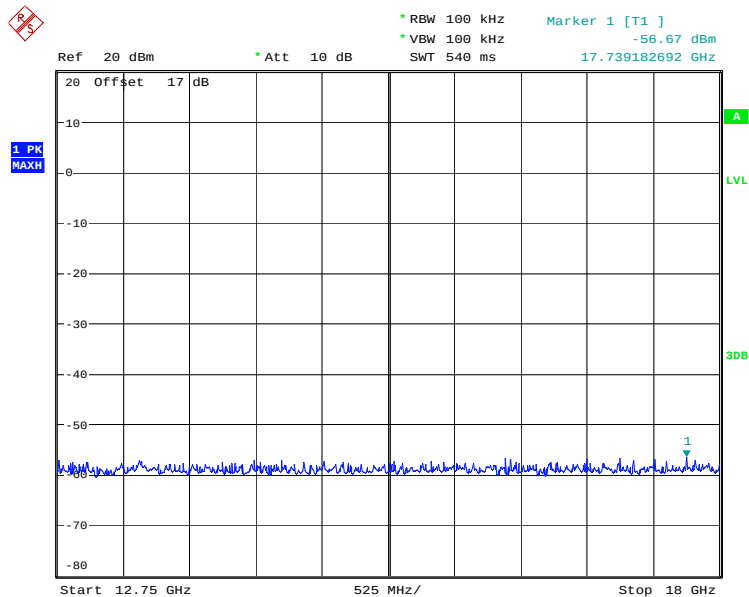
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDII CH9538

Date: 29.JUL.2015 10:58:04



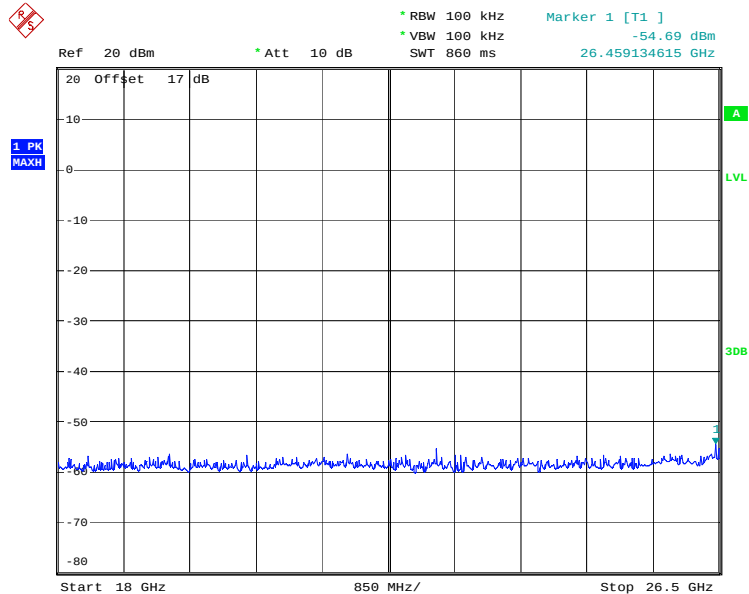
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Date: 29.JUL.2015 10:58:22



Report Number: W6R21610-16279-P-2224

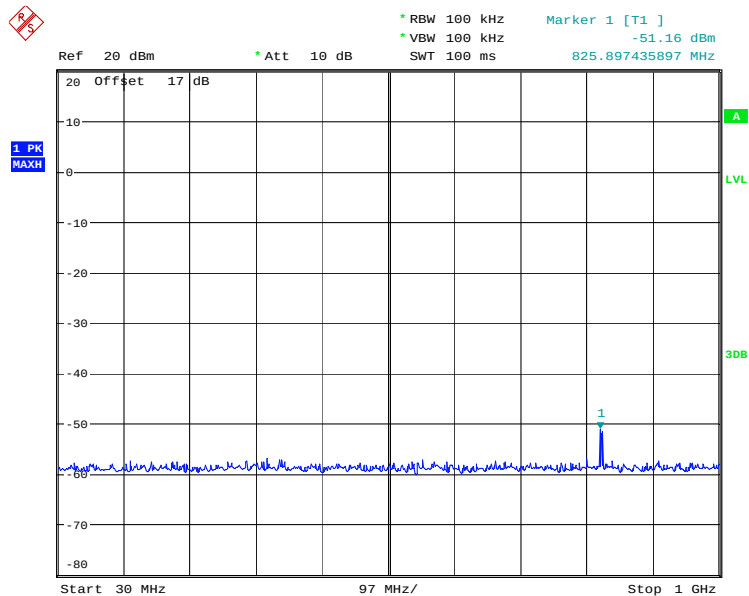
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CONDUCTED SPURIOUS EMISSION WCDMA BANDII CH9538

Date: 29.JUL.2015 10:58:38

CH4132



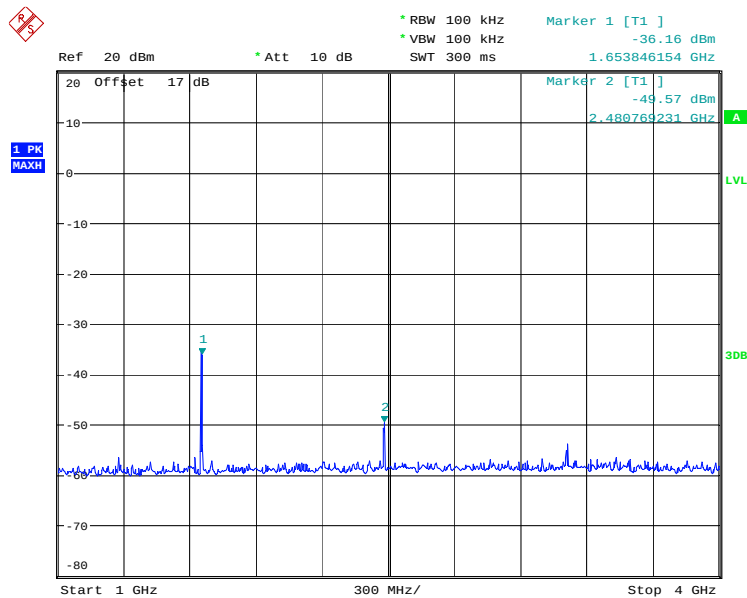
CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4132

Date: 29.JUL.2015 11:10:11



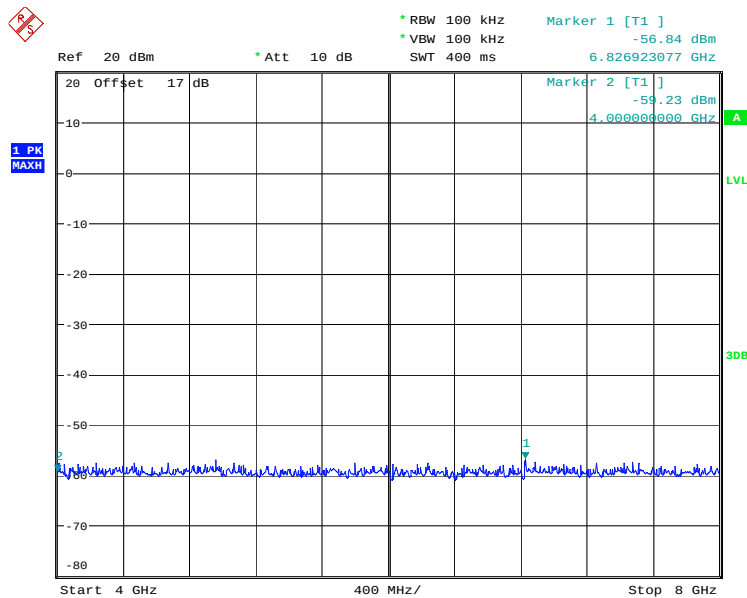
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4132

Date: 29.JUL.2015 11:10:52



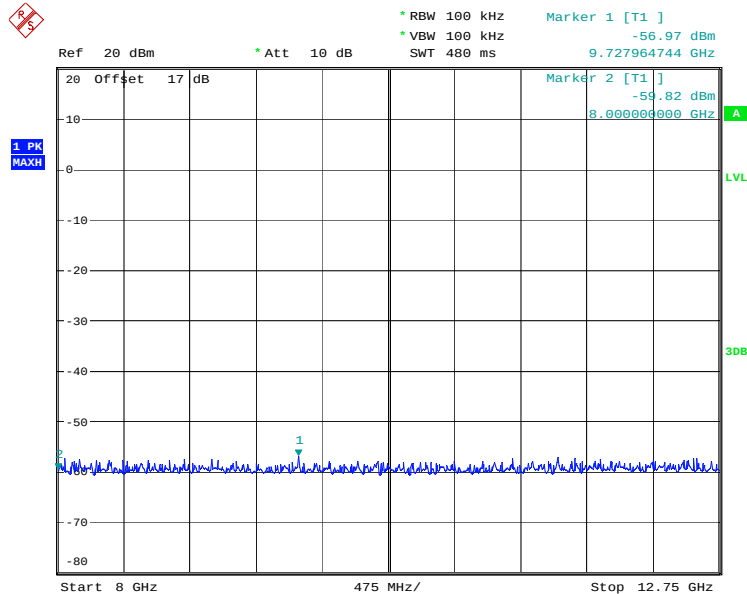
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Date: 29.JUL.2015 11:11:06



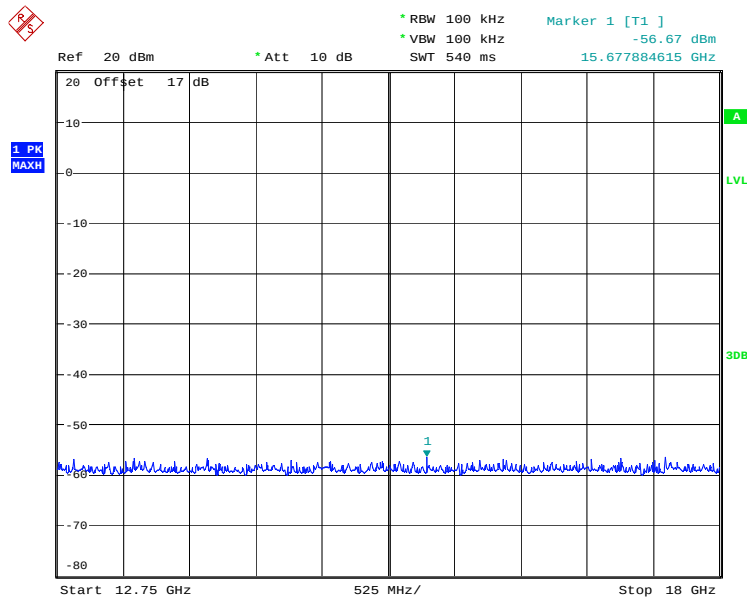
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



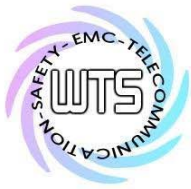
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Date: 29.JUL.2015 11:11:19



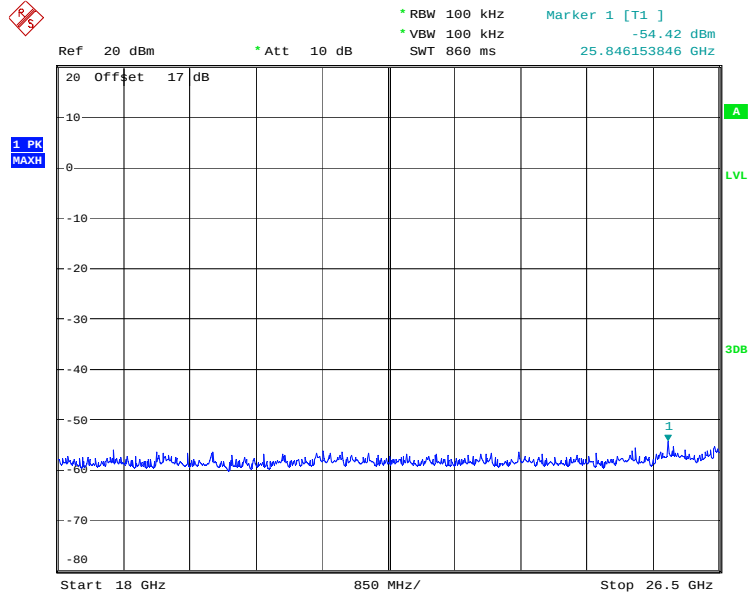
CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4132

Date: 29.JUL.2015 11:11:40



Report Number: W6R21610-16279-P-2224

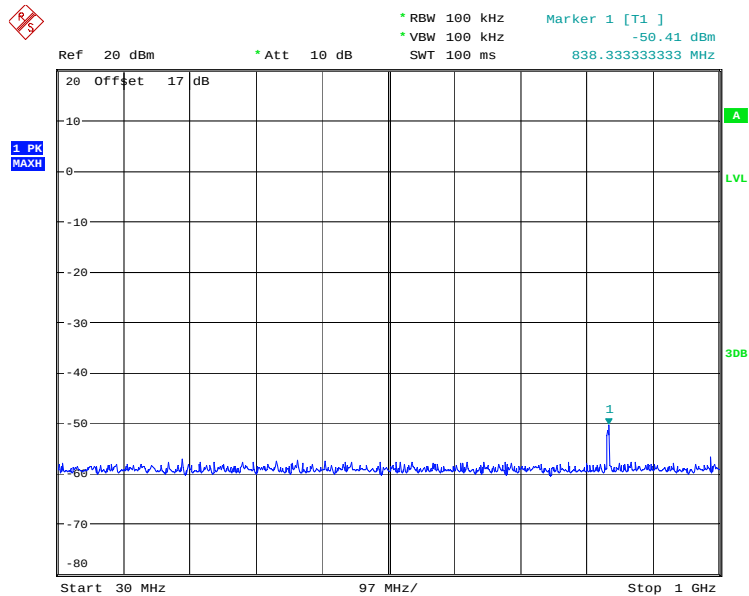
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CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4132

Date: 29.JUL.2015 11:11:57

CH4183



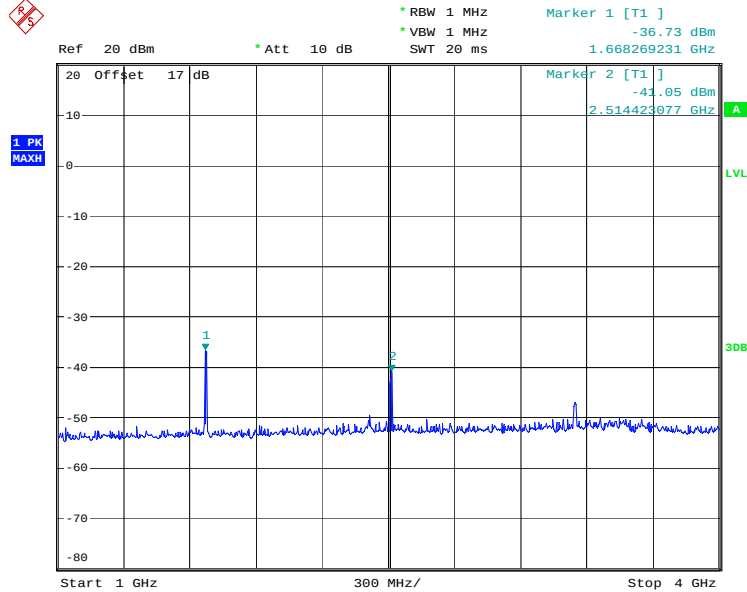
CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4183

Date: 29.JUL.2015 11:12:54



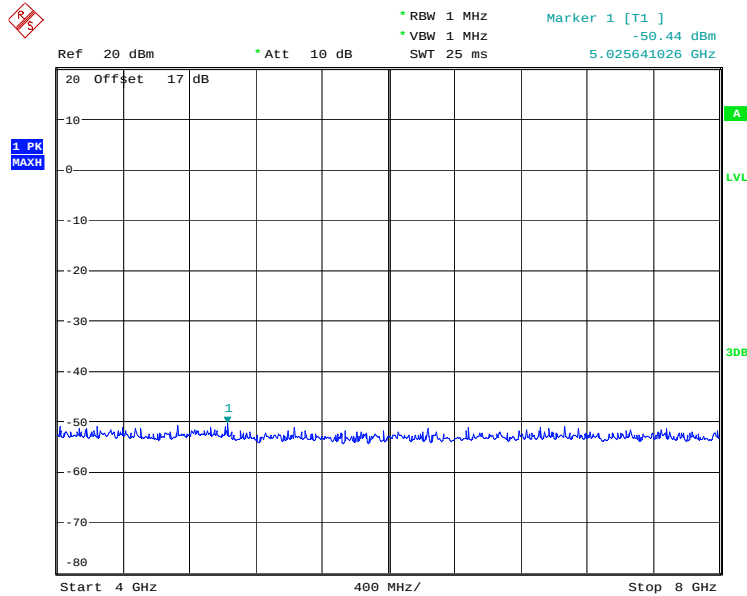
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4183

Date: 29.JUL.2015 11:15:14



CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4183

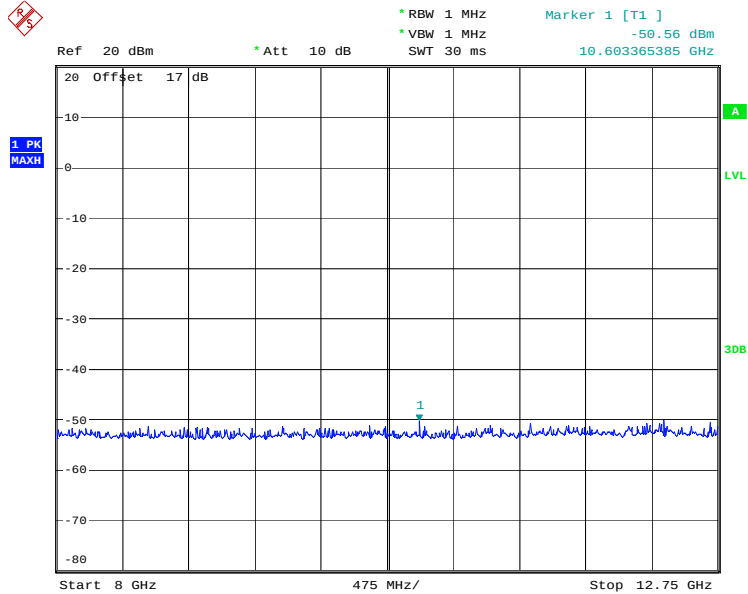
Date: 29.JUL.2015 11:15:30



Worldwide Testing Services(Taiwan) Co., Ltd.

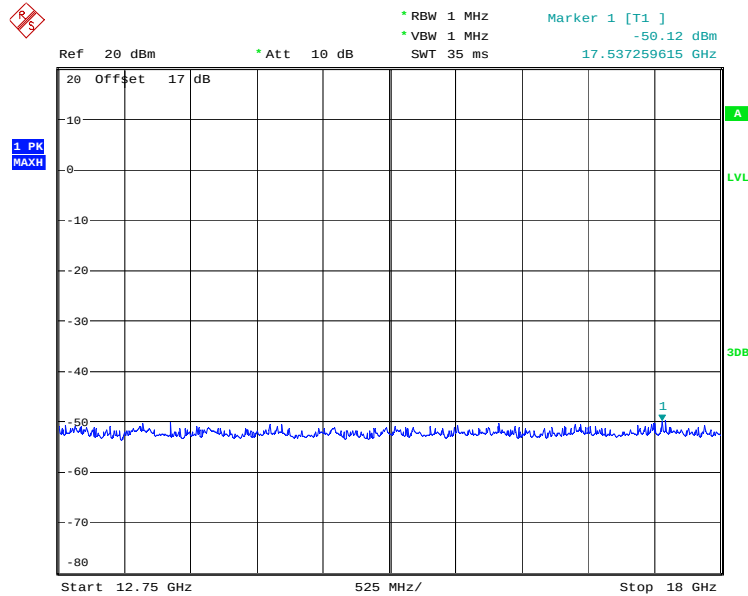
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4183

Date: 29.JUL.2015 11:15:43

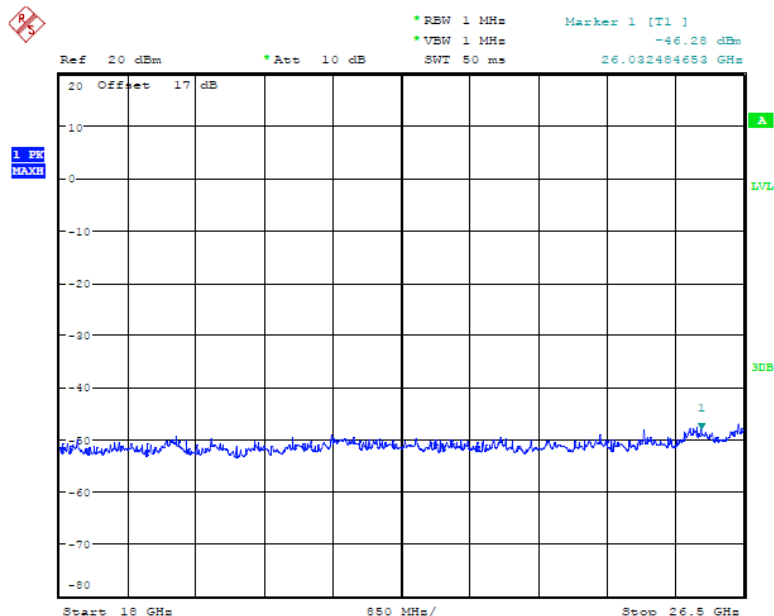


CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4183

Date: 29.JUL.2015 11:15:58

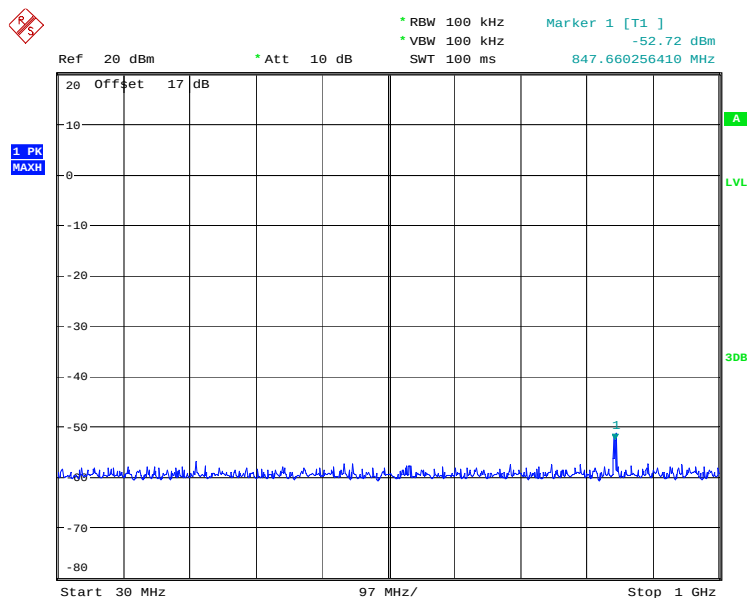


Report Number: W6R21610-16279-P-2224
FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4183
Date: 29.JUL.2015 11:16:41

CH4233

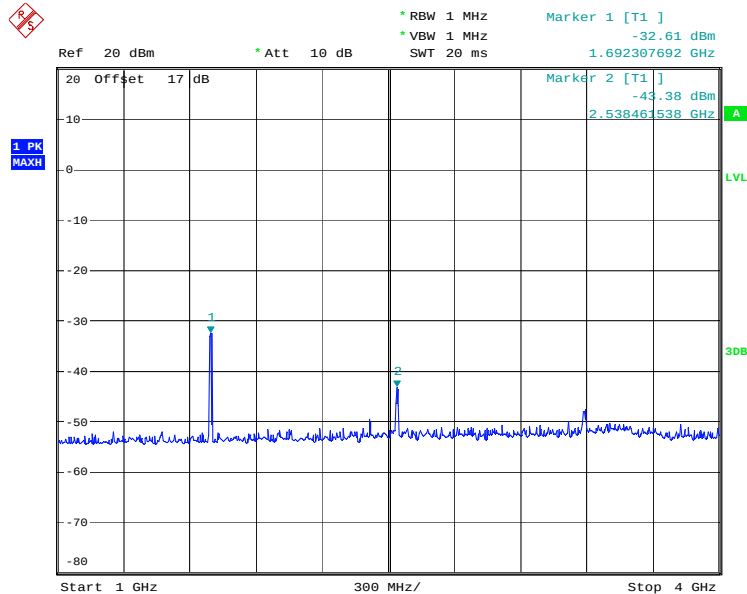


CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4233
Date: 29.JUL.2015 11:16:57



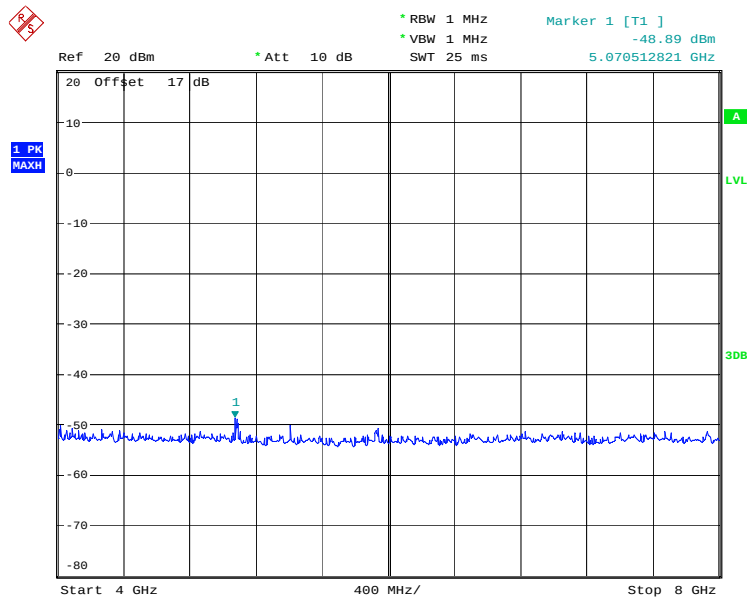
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4233

Date: 29.JUL.2015 11:18:27



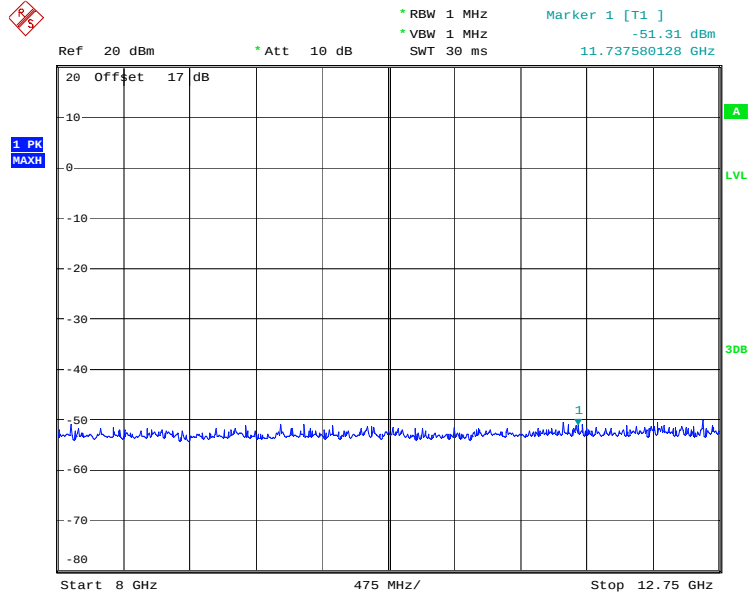
CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4233

Date: 29.JUL.2015 11:18:42



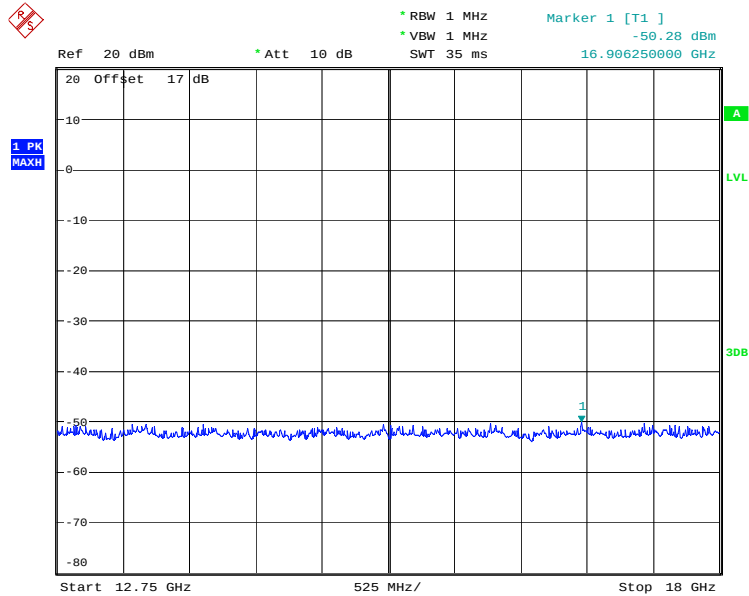
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4233

Date: 29.JUL.2015 11:18:55



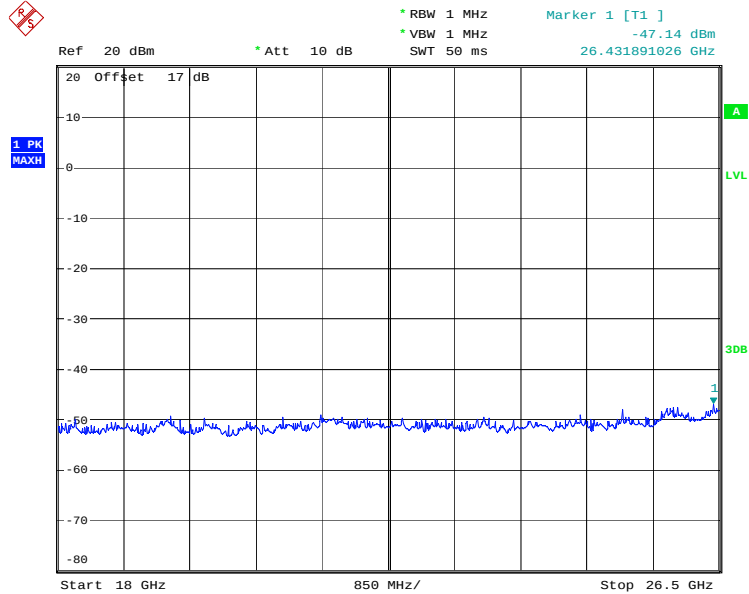
CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4233

Date: 29.JUL.2015 11:19:07



Report Number: W6R21610-16279-P-2224

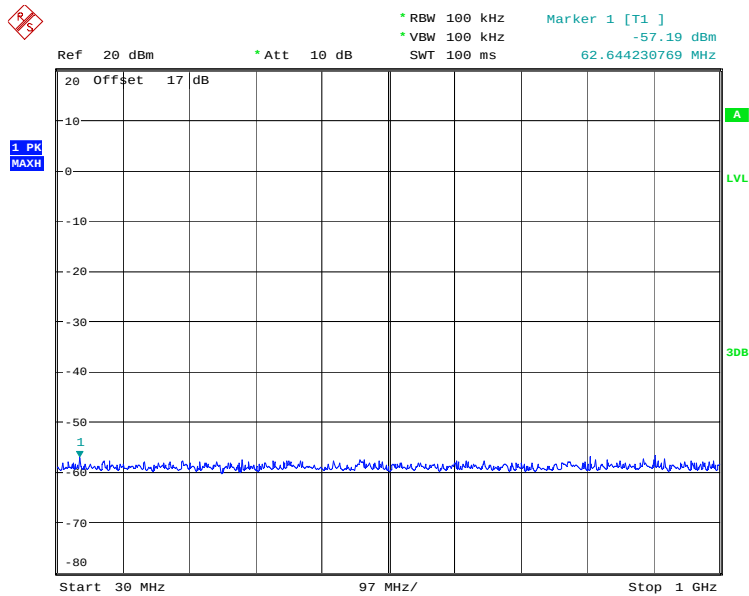
FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDV CH4233

Date: 29.JUL.2015 11:19:21

850 Band Idle



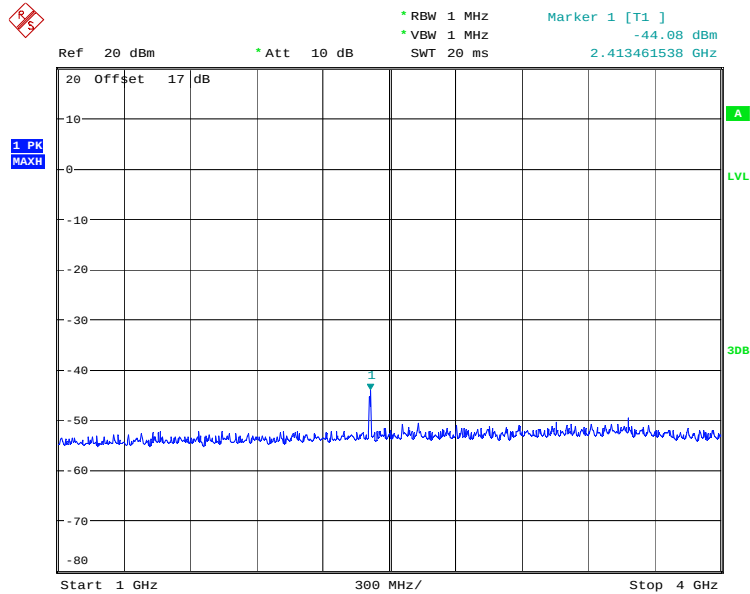
CONDUCTED SPURIOUS EMISSION GSM850 IDLE

Date: 29.JUL.2015 10:17:00



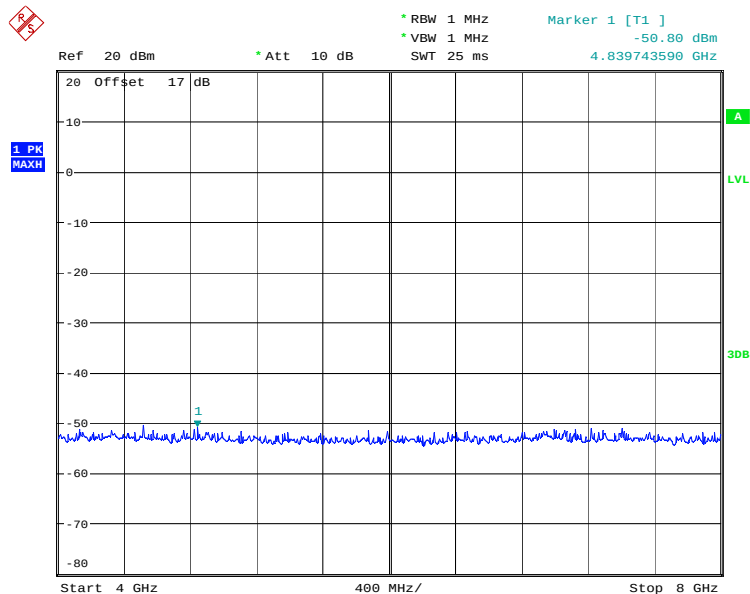
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION GSM850 IDLE

Date: 29.JUL.2015 10:17:37



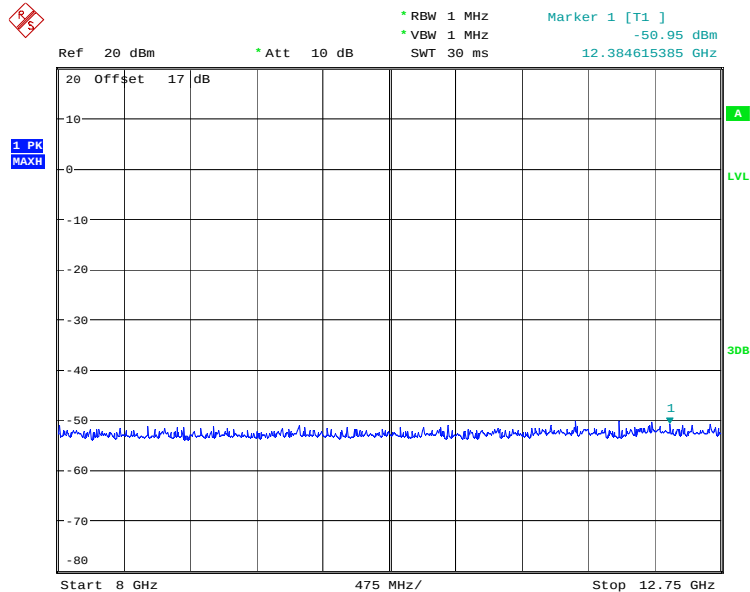
CONDUCTED SPURIOUS EMISSION GSM850 IDLE

Date: 29.JUL.2015 10:17:49



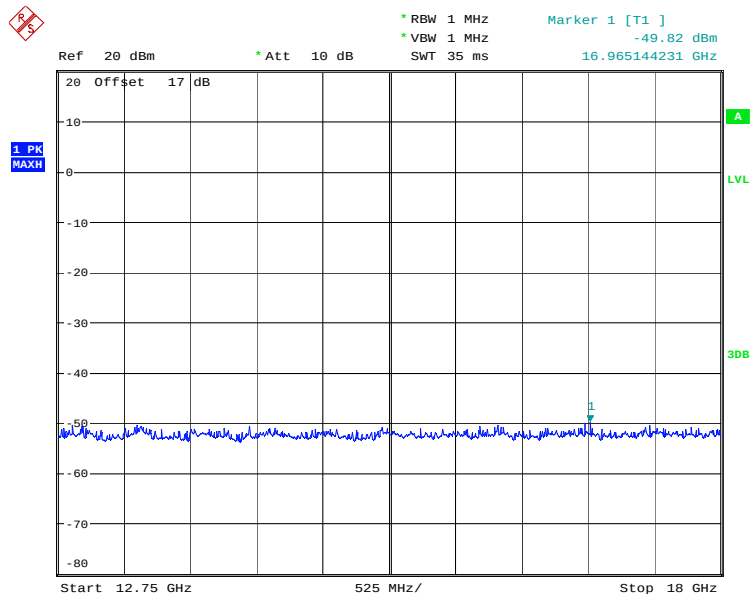
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION GSM850 IDLE

Date: 29.JUL.2015 10:18:05



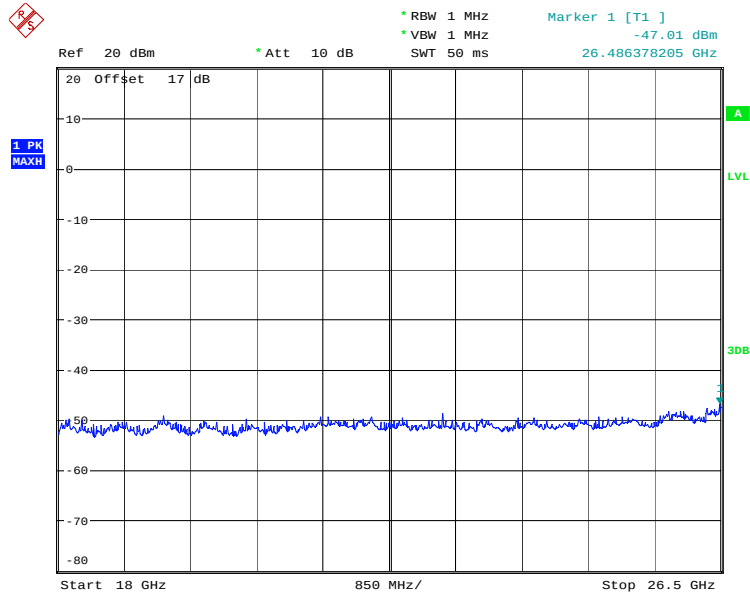
CONDUCTED SPURIOUS EMISSION GSM850 IDLE

Date: 29.JUL.2015 10:18:20



Report Number: W6R21610-16279-P-2224

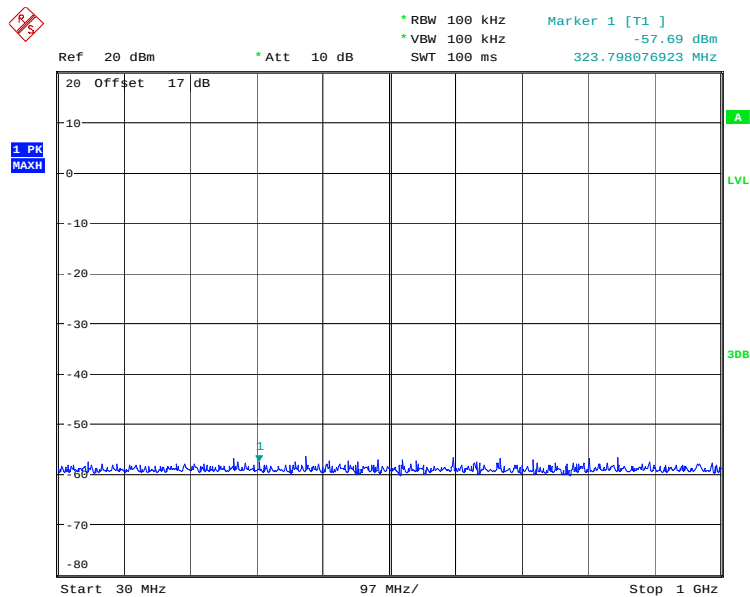
FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION GSM850 IDLE

Date: 29.JUL.2015 10:18:34

1900 Band Idle



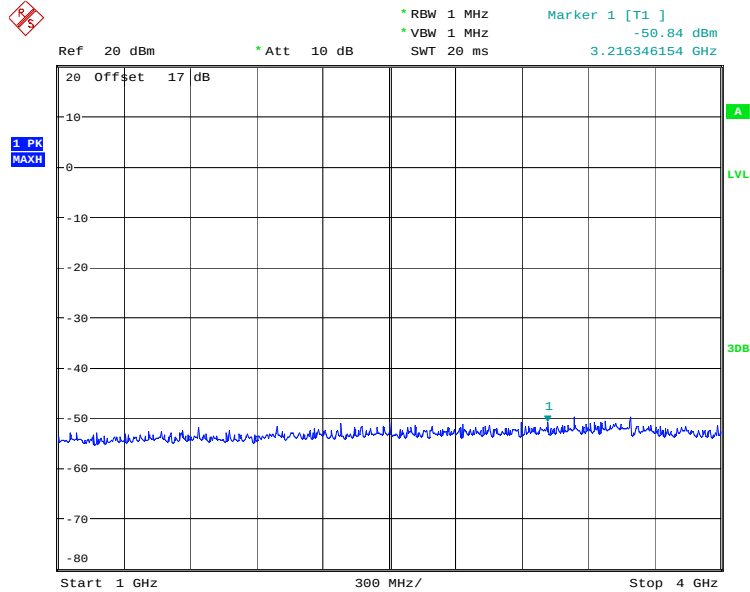
CONDUCTED SPURIOUS EMISSION PCS1900 IDLE

Date: 29.JUL.2015 10:34:59



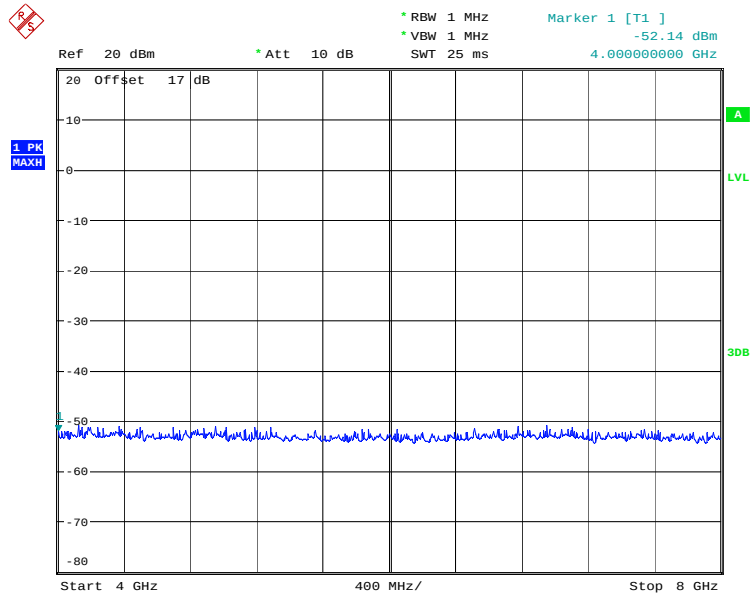
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION PCS1900 IDLE

Date: 29.JUL.2015 10:35:18



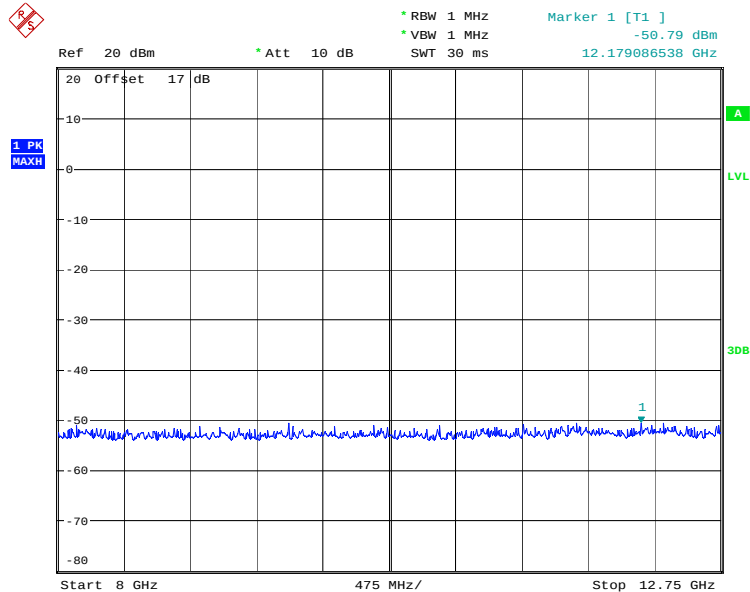
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Date: 29.JUL.2015 10:35:33



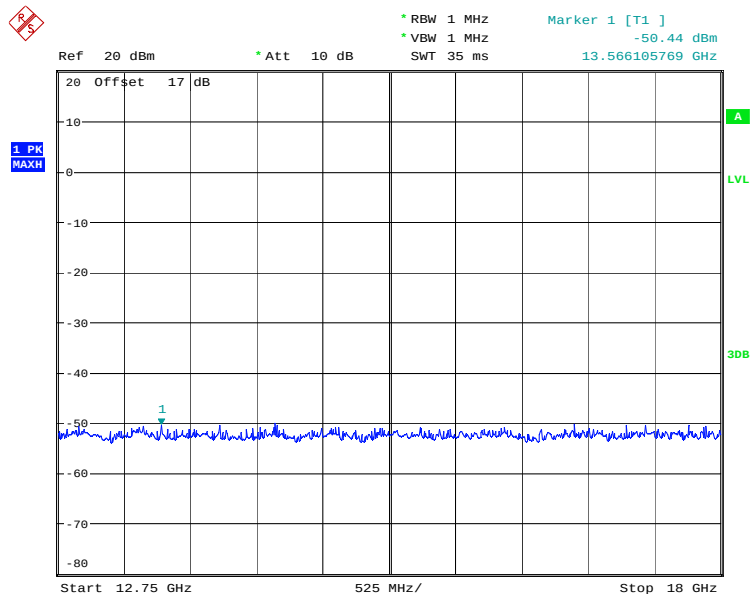
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION PCS1900 IDLE

Date: 29.JUL.2015 10:35:50



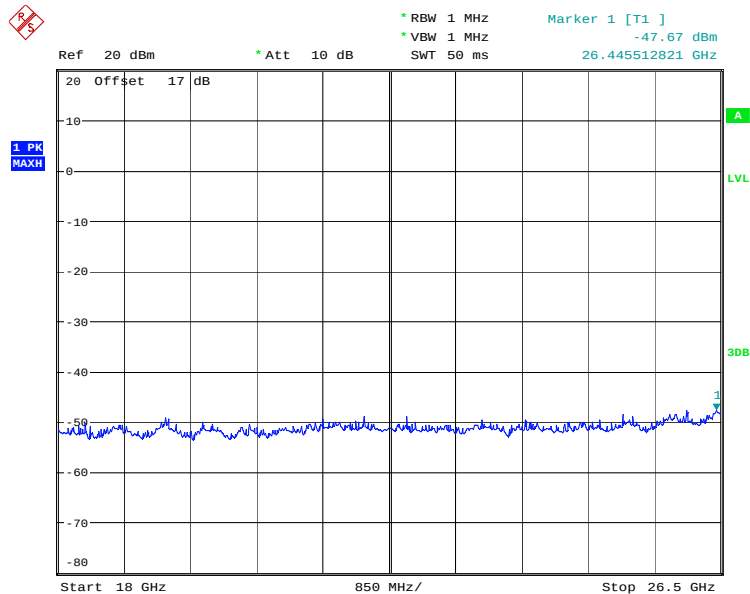
CONDUCTED SPURIOUS EMISSION PCS1900 IDLE

Date: 29.JUL.2015 10:36:02



Report Number: W6R21610-16279-P-2224

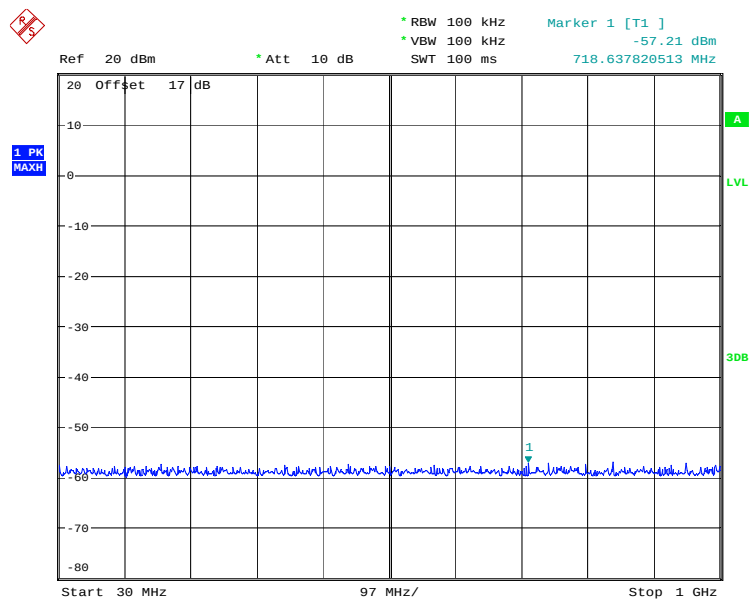
FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION PCS1900 IDLE

Date: 29.JUL.2015 10:36:15

Band II Idle



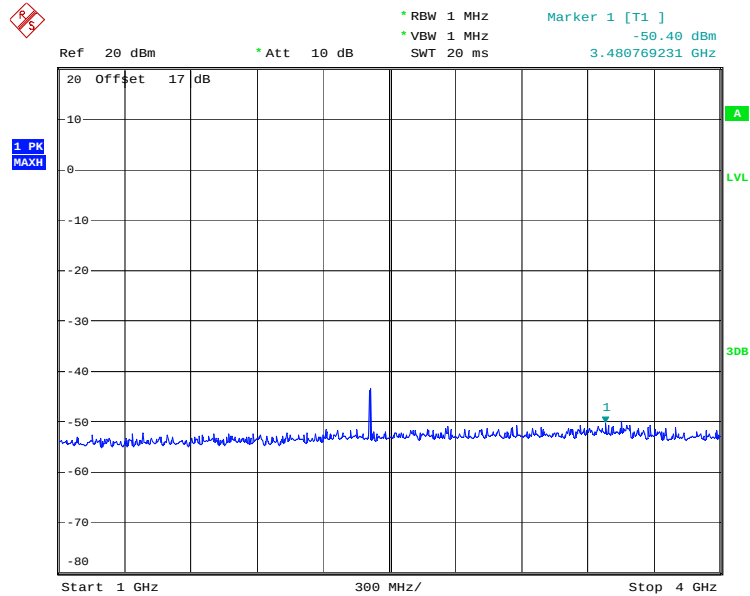
CONDUCTED SPURIOUS EMISSION WCDMA BANDII IDLE

Date: 29.JUL.2015 11:01:09



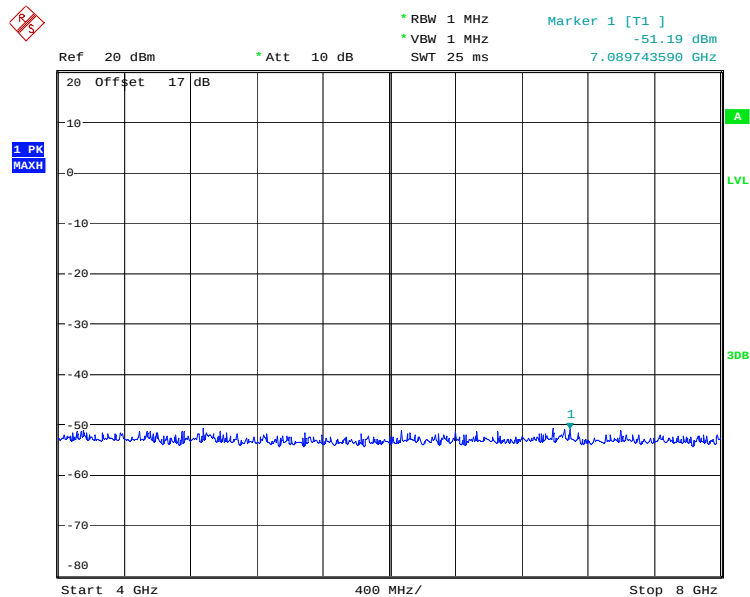
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDII IDLE

Date: 29.JUL.2015 11:01:35



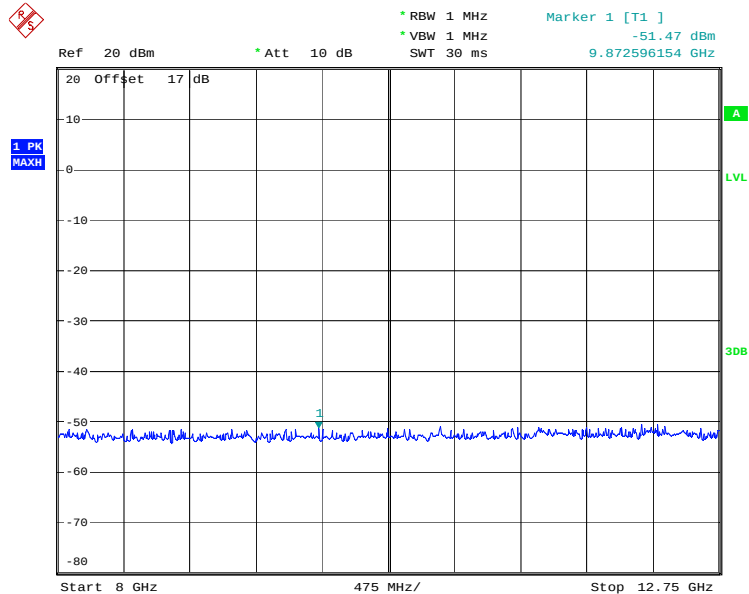
CONDUCTED SPURIOUS EMISSION WCDMA BANDII IDLE

Date: 29.JUL.2015 11:01:47



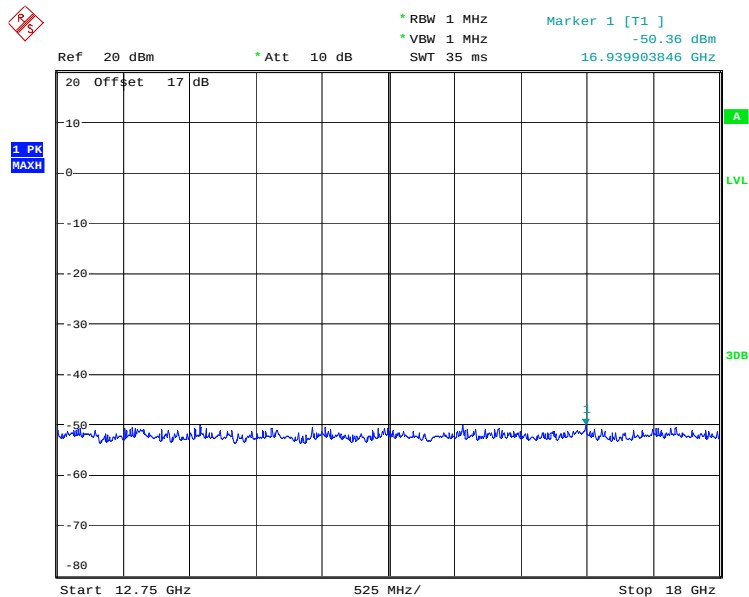
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDII IDLE

Date: 29.JUL.2015 11:02:08



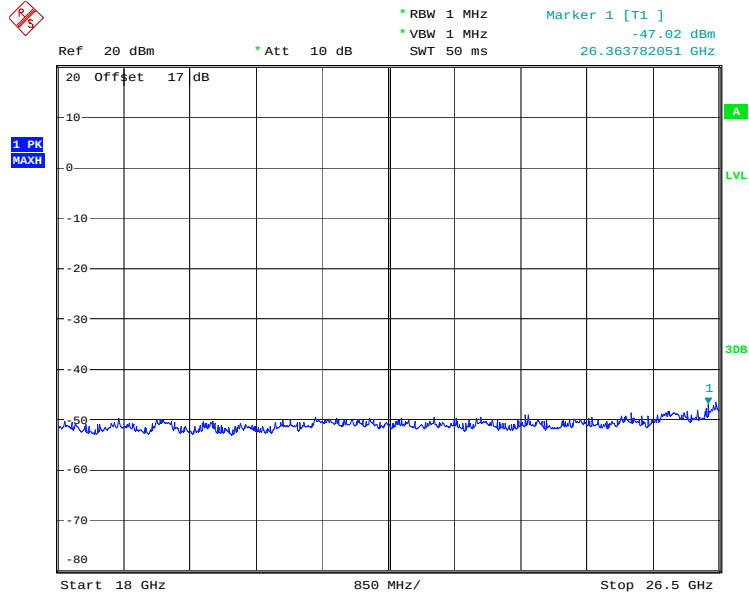
CONDUCTED SPURIOUS EMISSION WCDMA BANDII IDLE

Date: 29.JUL.2015 11:02:24



Report Number: W6R21610-16279-P-2224

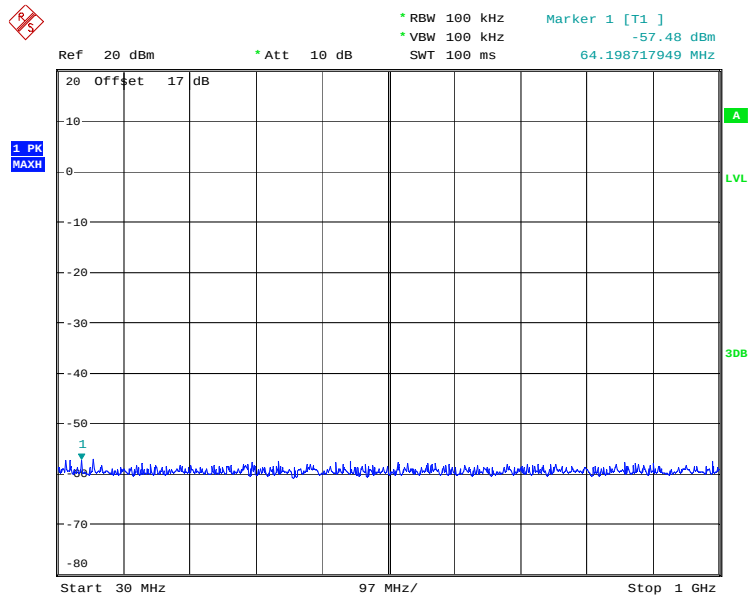
FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BAND II IDLE

Date: 29.JUL.2015 11:02:37

Band V Idle



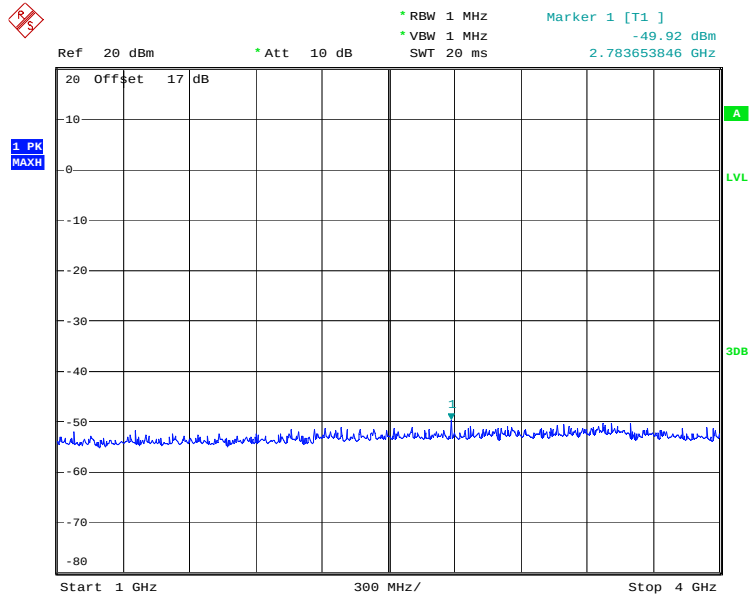
CONDUCTED SPURIOUS EMISSION WCDMA BAND V IDLE

Date: 29.JUL.2015 11:20:38



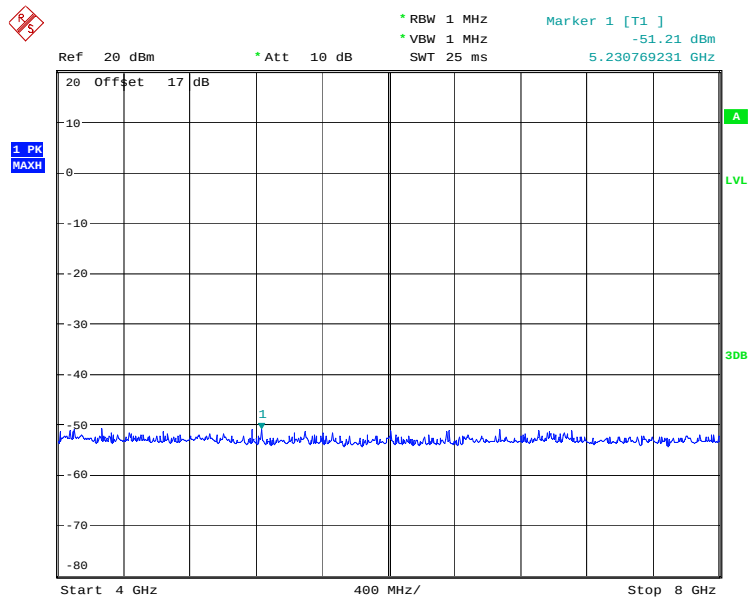
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDV IDLE

Date: 29.JUL.2015 11:20:54



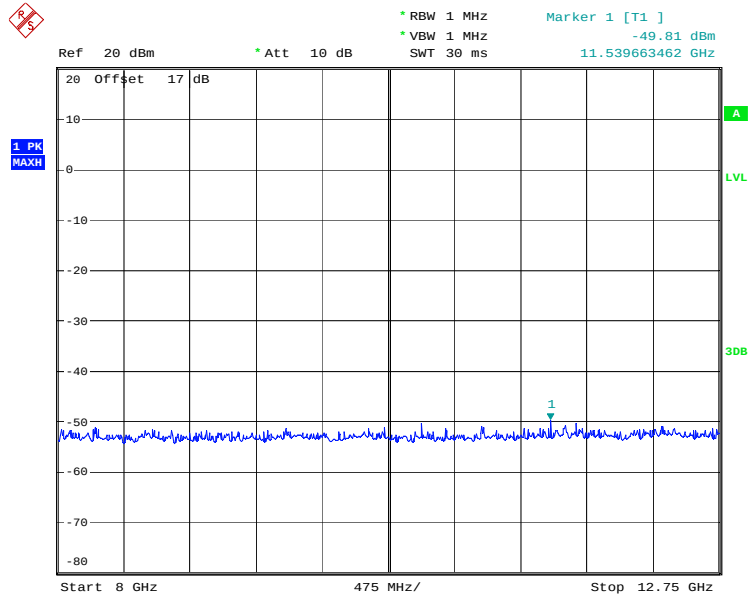
CONDUCTED SPURIOUS EMISSION WCDMA BANDV IDLE

Date: 29.JUL.2015 11:21:05



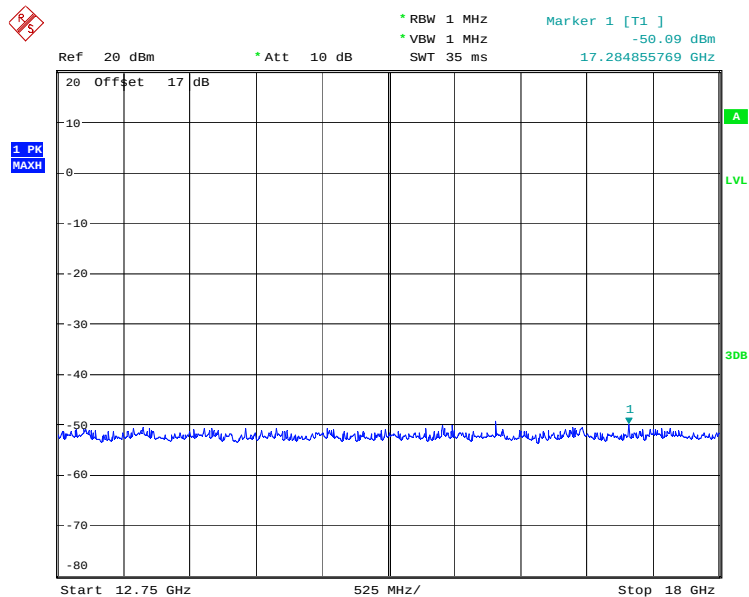
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDV IDLE

Date: 29.JUL.2015 11:21:17

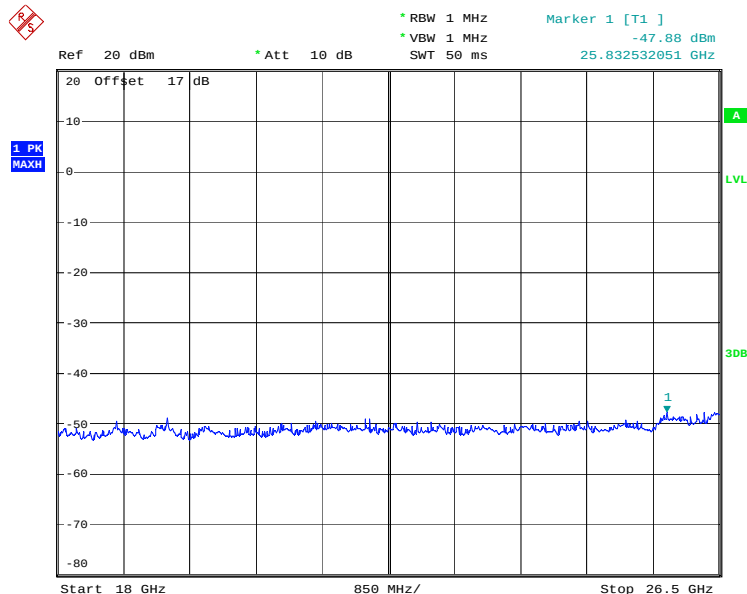


CONDUCTED SPURIOUS EMISSION WCDMA BANDV IDLE

Date: 29.JUL.2015 11:21:30

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16



CONDUCTED SPURIOUS EMISSION WCDMA BANDV IDLE
Date: 29.JUL.2015 11:21:42

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: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

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.

HPGWx-xxxxx-								
Model:	xxxxxx Series			Date:	--			
	(x=0~9, A~Z or blank)							
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**
1. Correction Factor = Antenna factor + Cable loss - Preamplifier
 2. The formula of measured value as: Test Result = Reading + Correction Factor
 3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
 4. All not in the table noted test results are more than 20 dB below the relevant limits.
 5. Measurement uncertainty above 1GHz: 30-1000 MHz = ± 4.69 dB, 1-18 GHz = ± 4.78 dB, 18-40 GHz = ± 2.44 dB ; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.
 6. See attached diagrams in appendix.

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: $L=P-A=-13$ dBm

Test equipment: ETSTW-RE 004, ETSTW-RE 018, ETSTW-RE 030, ETSTW-RE 111,
ETSTW-GSM 002

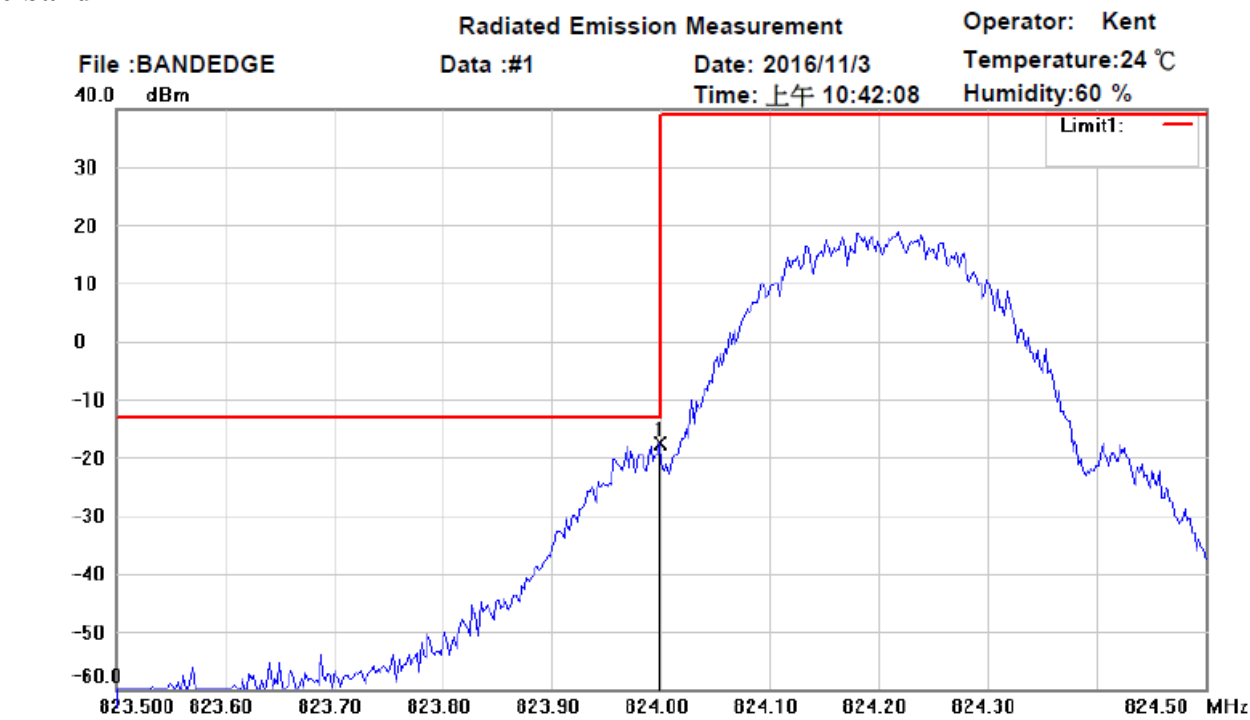


Report Number: W6R21610-16279-P-2224

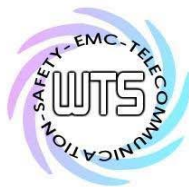
FCC ID: GX9HPGWG5DT16

7.5 Test result of band edge emissions

850 band



Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	823.9990	-51.15	peak	33.48	-17.67	-13.00	150	175	-4.67	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANEDGE

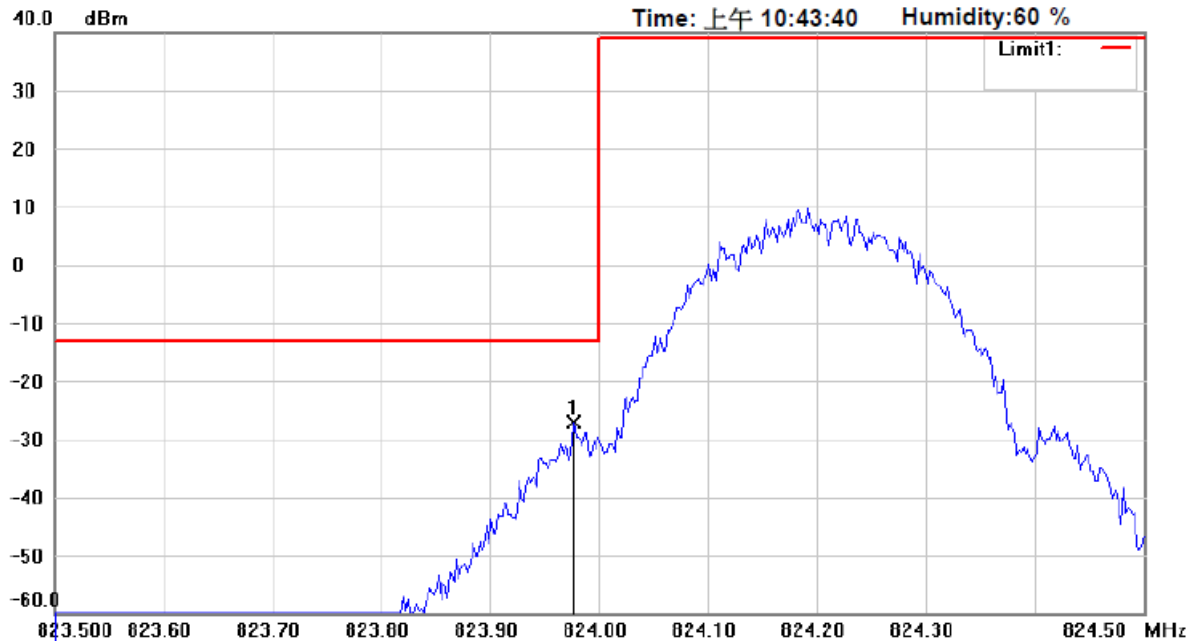
Data :#2

Date: 2016/11/3

Temperature:24 °C

Time: 上午 10:43:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

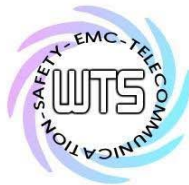
Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	823.9770	-60.64	peak	33.41	-27.23	-13.00	150	245	-14.23	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANEDGE

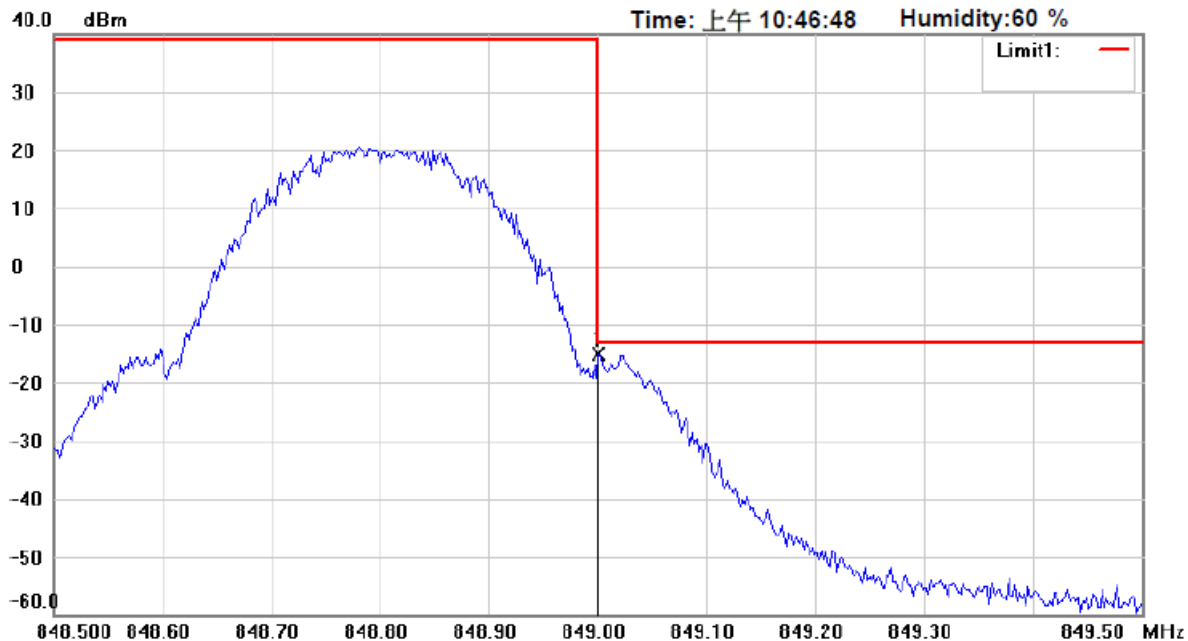
Data :#1

Date: 2016/11/3

Temperature:24 °C

Time: 上午 10:46:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	849.0010	-49.53	peak	34.34	-15.19	-13.00	150	185	-2.19	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANEDGE

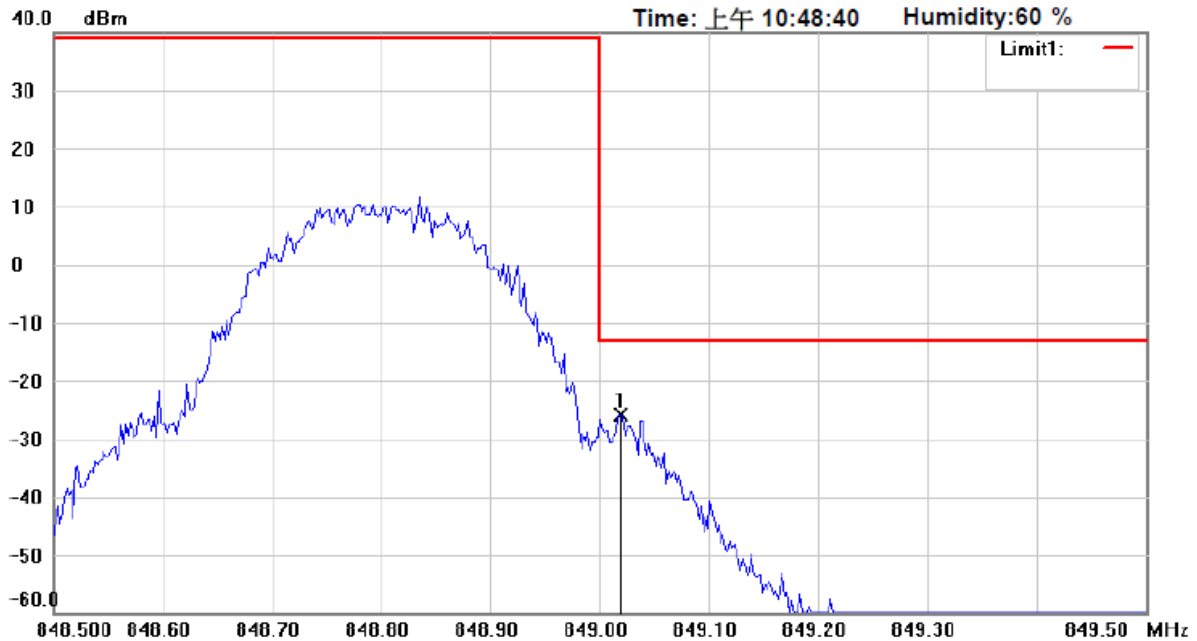
Data :#2

Date: 2016/11/3

Temperature:24 °C

Time: 上午 10:48:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	849.0190	-60.06	peak	34.18	-25.88	-13.00	150	175	-12.88	

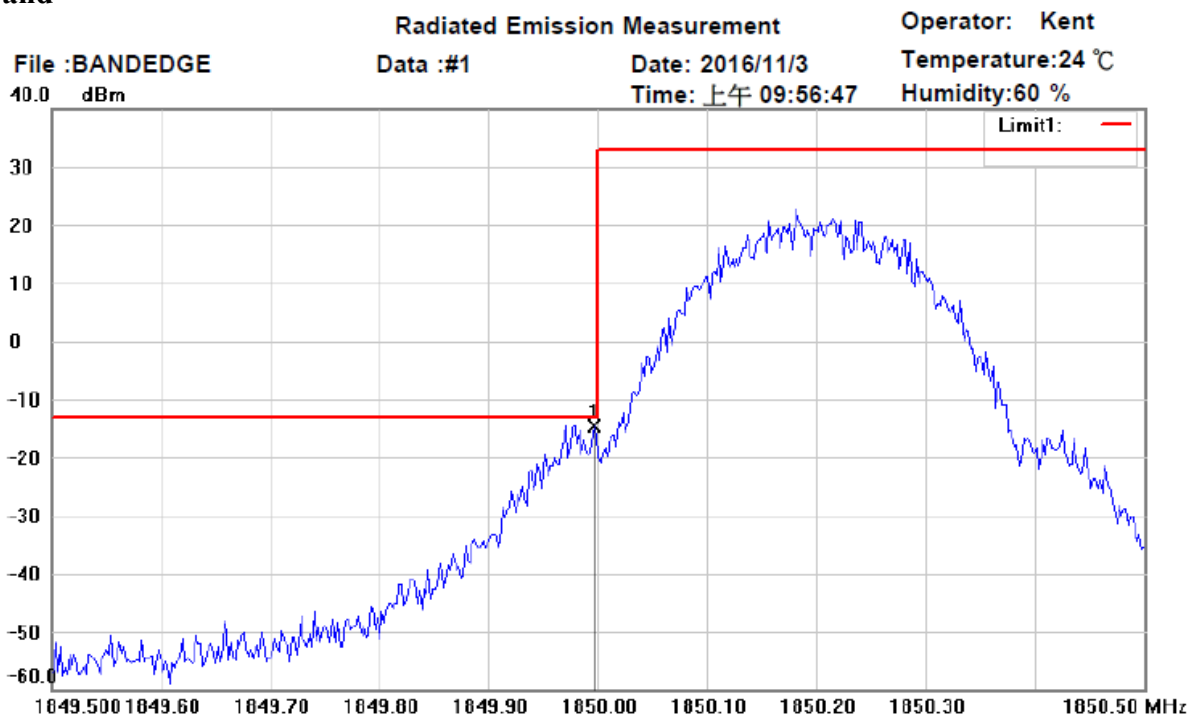


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

1900 band



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

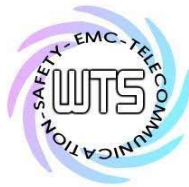
Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	1849.997	-58.69	peak	44.16	-14.53	-13.00	150	275	-1.53	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANEDGE

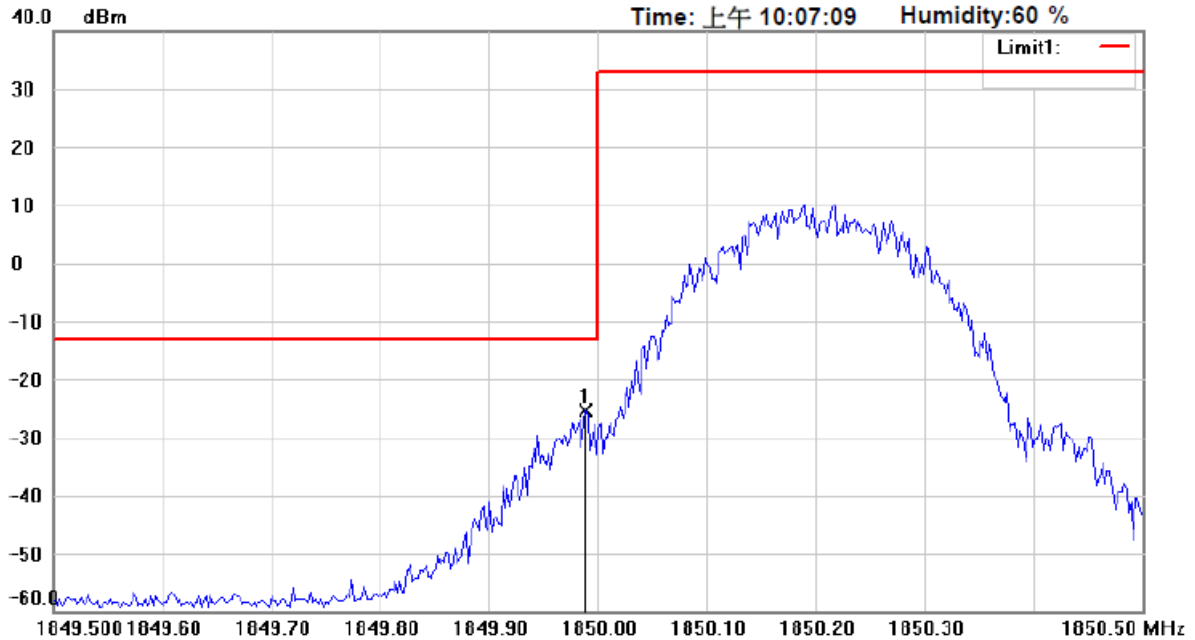
Data :#2

Date: 2016/11/3

Temperature:24 °C

Time: 上午 10:07:09

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

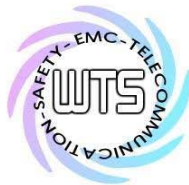
Note :

Polarization: **Vertical**

Power : 120 Va.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
*	1849.989	-70.73	peak	45.38	-25.35	-13.00	150	185	-12.35	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANDEDGE

Data :#1

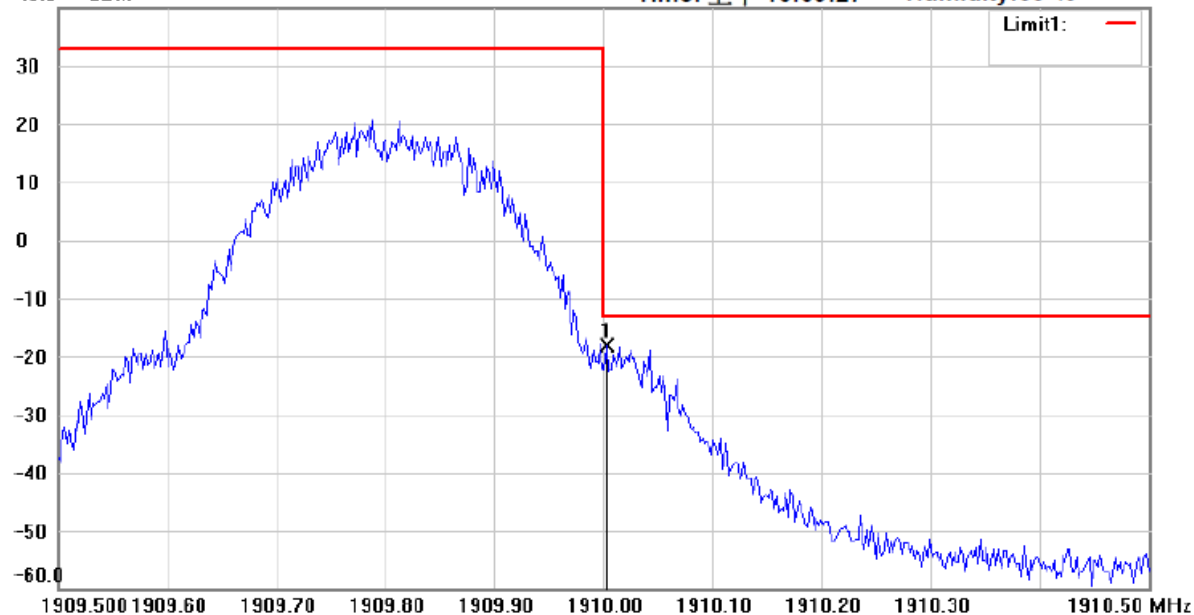
Date: 2016/11/3

Temperature:24 °C

40.0 dBm

Time: 上午 10:09:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1910.003	-62.46	peak	44.40	-18.06	-13.00	150	260	-5.06	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANEDGE

Data :#2

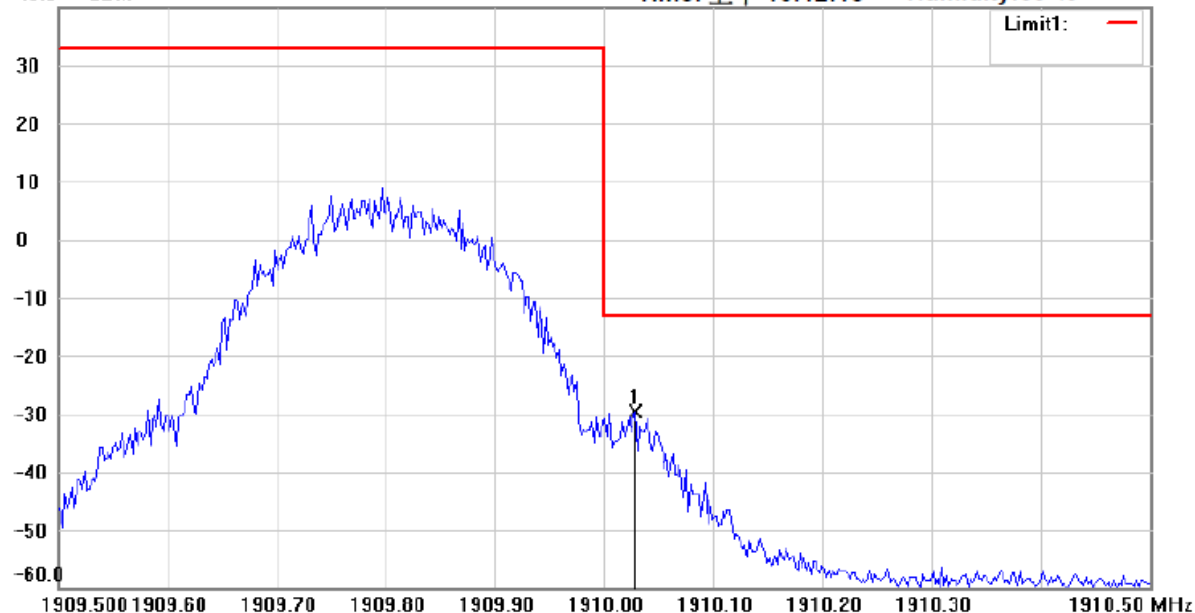
Date: 2016/11/3

Temperature:24 °C

40.0 dBm

Time: 上午 10:12:18

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

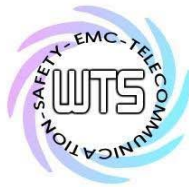
Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Note :

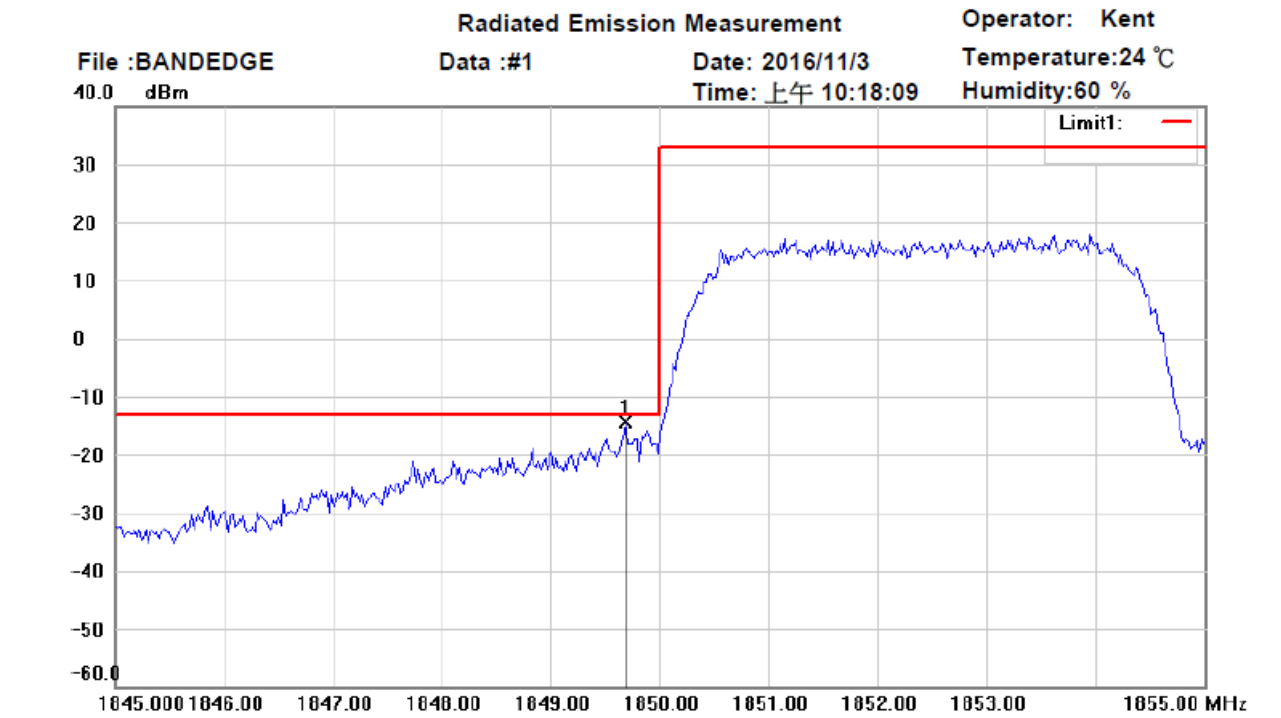
Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1910.029	-75.45	peak	45.86	-29.59	-13.00	150	75	-16.59	



Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Band II



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

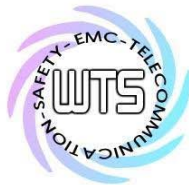
Note :

Polarization: **Horizontal**

Power : 120 Va.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
*	1849.689	-58.45	peak	44.16	-14.29	-13.00	150	260	-1.29	



Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANEDGE

Data :#2

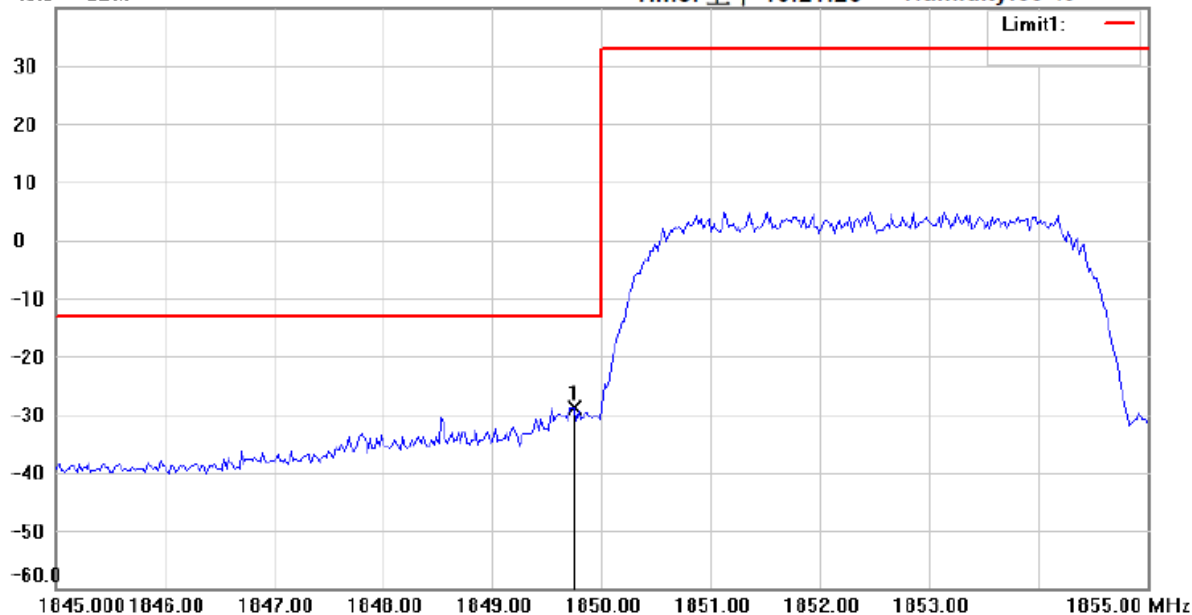
Date: 2016/11/3

Temperature:24 °C

40.0 dBm

Time: 上午 10:21:26

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

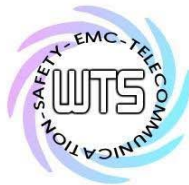
Note :

Polarization: *Vertical*

Power : 120 Va.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
*	1849.730	-74.20	peak	45.38	-28.82	-13.00	150	275	-15.82	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANEDGE

Data :#1

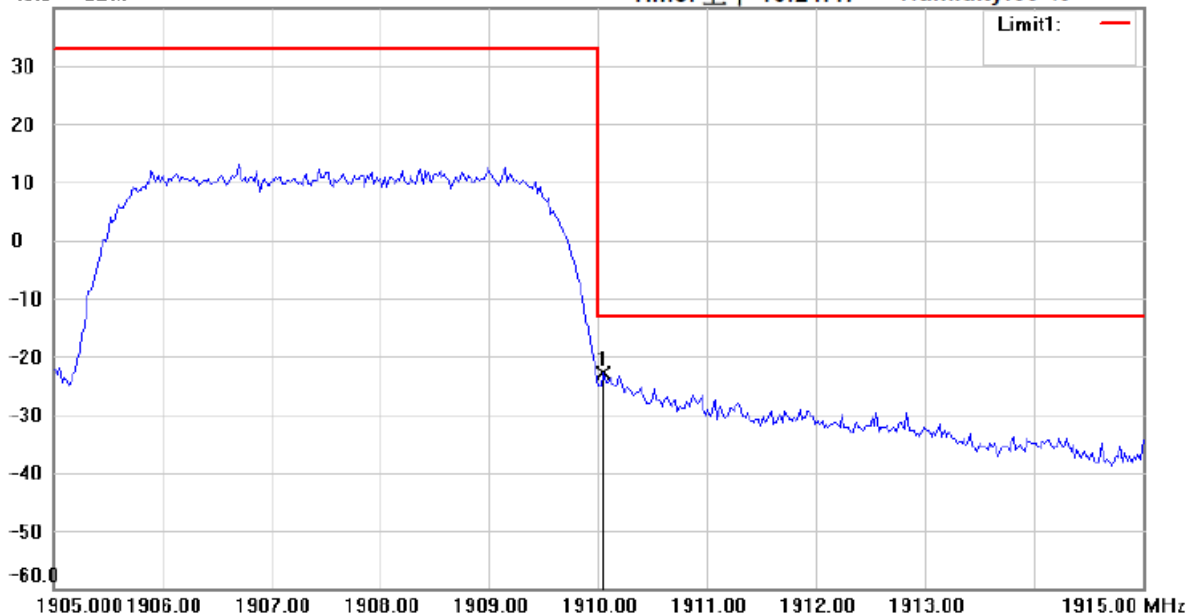
Date: 2016/11/3

Temperature:24 °C

Time: 上午 10:24:47

Humidity:60 %

40.0 dBm



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Horizontal*

Power : 120 V.a.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
*	1910.050	-67.23	peak	44.40	-22.83	-13.00	150	290	-9.83	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANDEGE

Data :#2

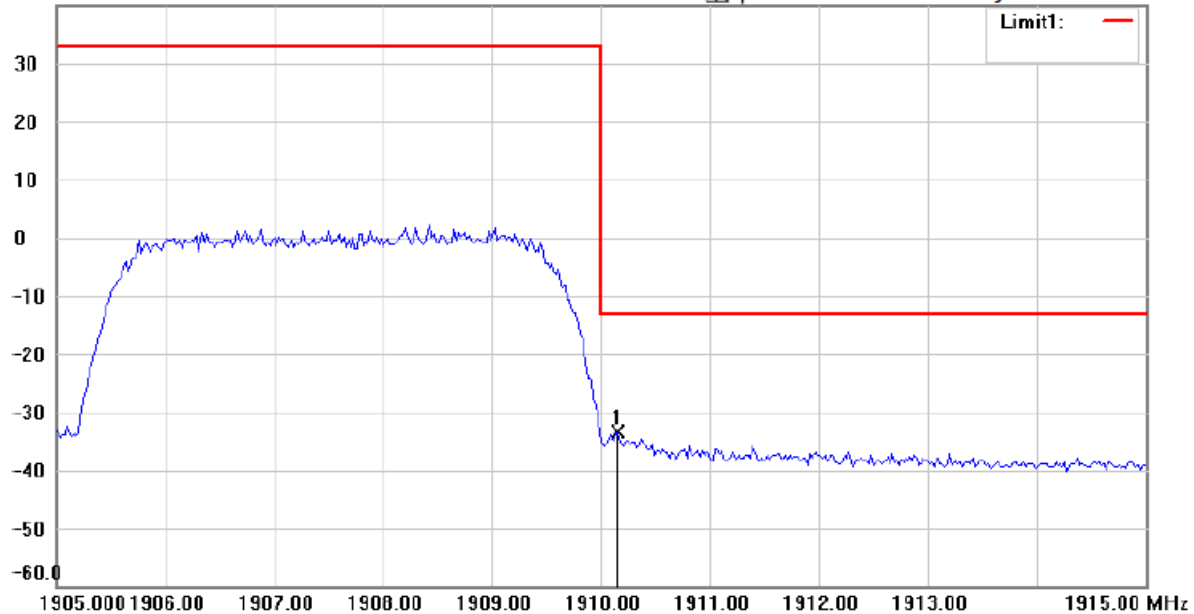
Date: 2016/11/3

Temperature:24 °C

40.0 dBm

Time: 上午 10:27:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1910.150	-79.26	peak	45.87	-33.39	-13.00	150	330	-20.39	

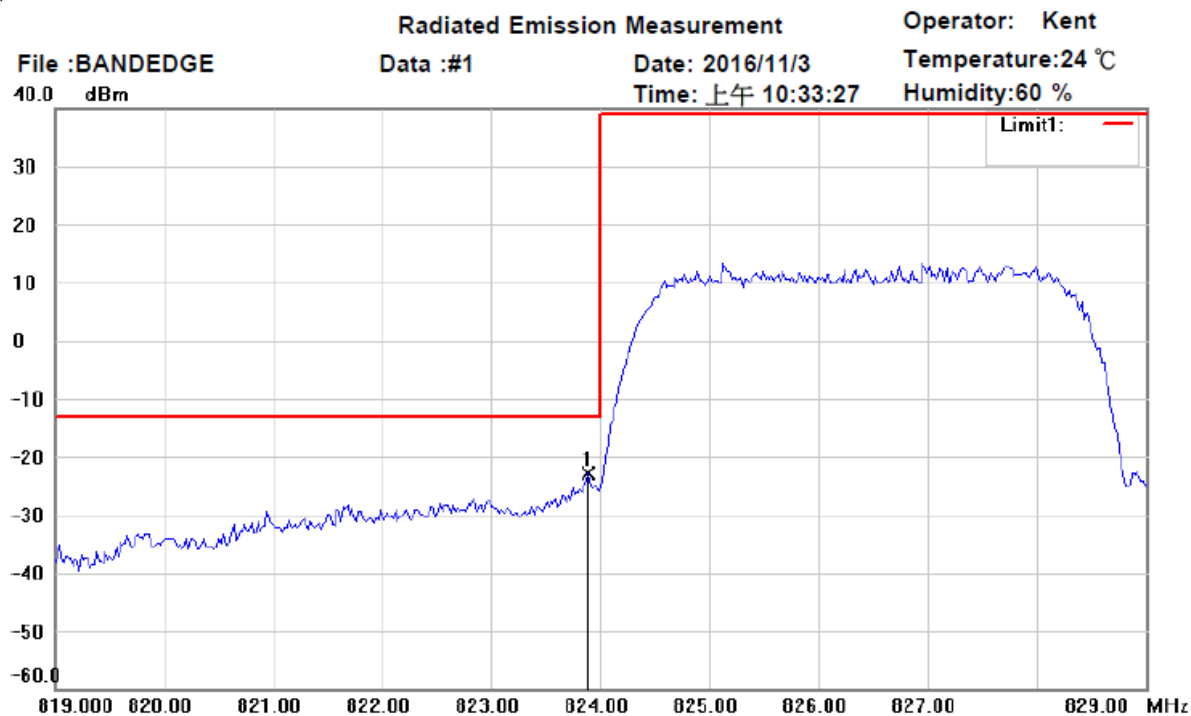


Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Band V



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

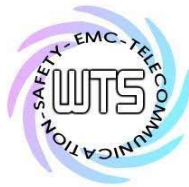
Note :

Polarization: *Horizontal*

Power : 120 V.a.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
*	823.8898	-56.40	peak	33.48	-22.92	-13.00	150	130	-9.92	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANEDGE

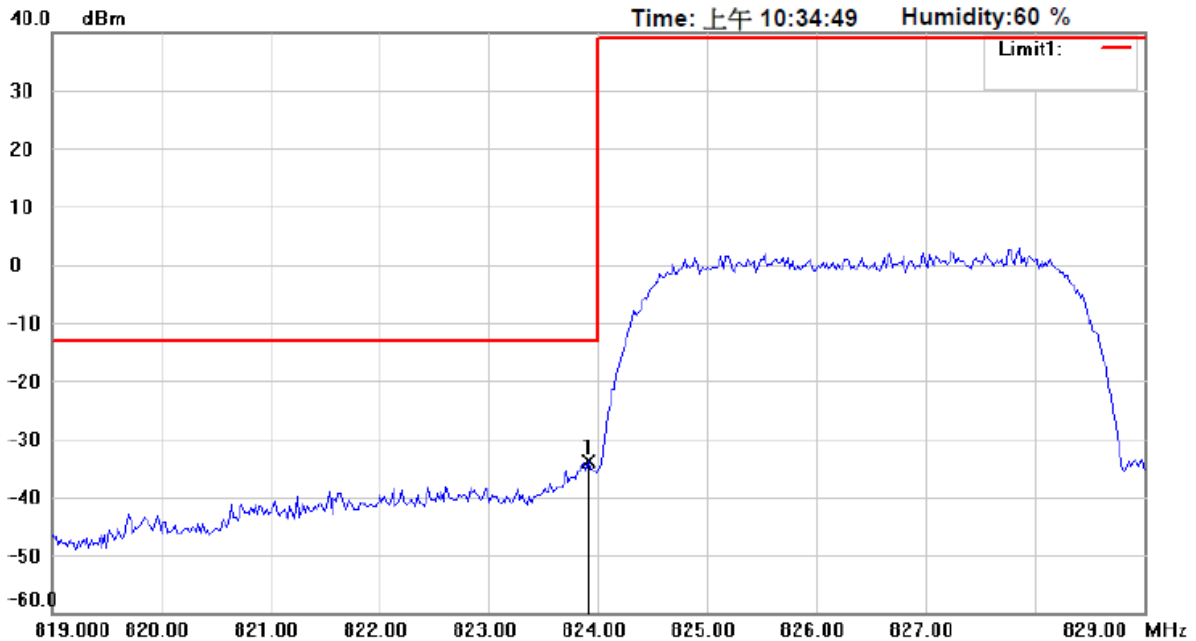
Data :#2

Date: 2016/11/3

Temperature:24 °C

Time: 上午 10:34:49

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	823.9098	-67.27	peak	33.41	-33.86	-13.00	150	305	-20.86	



Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANEDGE

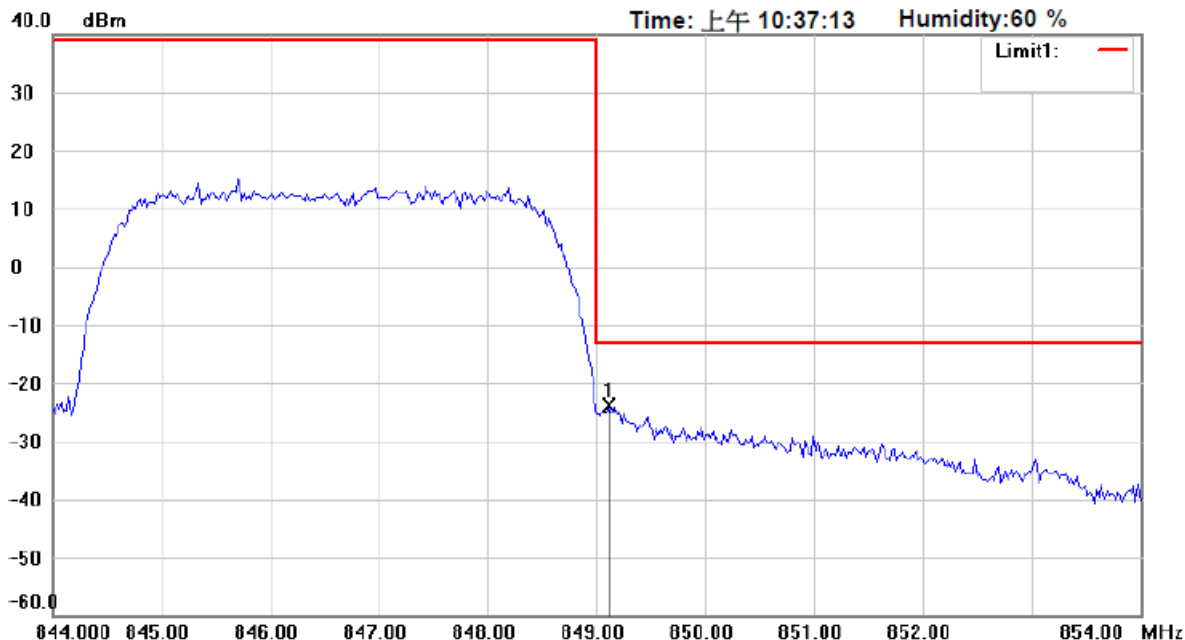
Data :#1

Date: 2016/11/3

Temperature:24 °C

Time: 上午 10:37:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

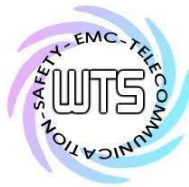
Note :

Polarization: **Horizontal**

Power : 120 Va.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
*	849.1102	-58.31	peak	34.34	-23.97	-13.00	150	305	-10.97	



Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

Radiated Emission Measurement

Operator: Kent

File :BANEDGE

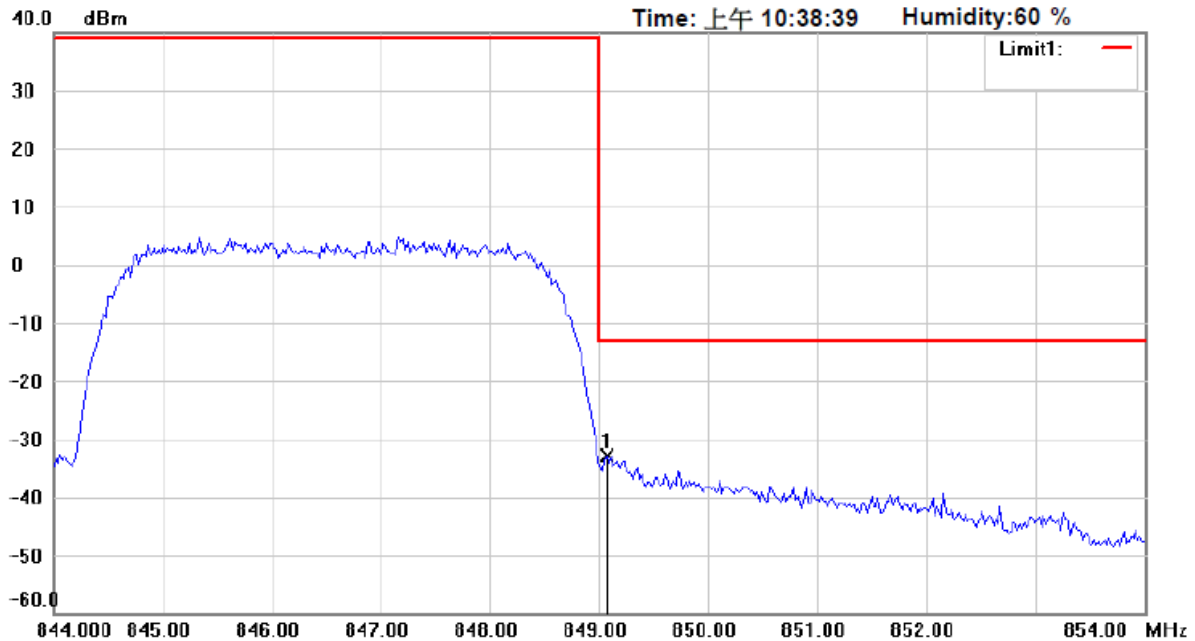
Data :#2

Date: 2016/11/3

Temperature:24 °C

Time: 上午 10:38:39

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 Bandedge

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	849.0701	-67.00	peak	34.18	-32.82	-13.00	150	175	-19.82	

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

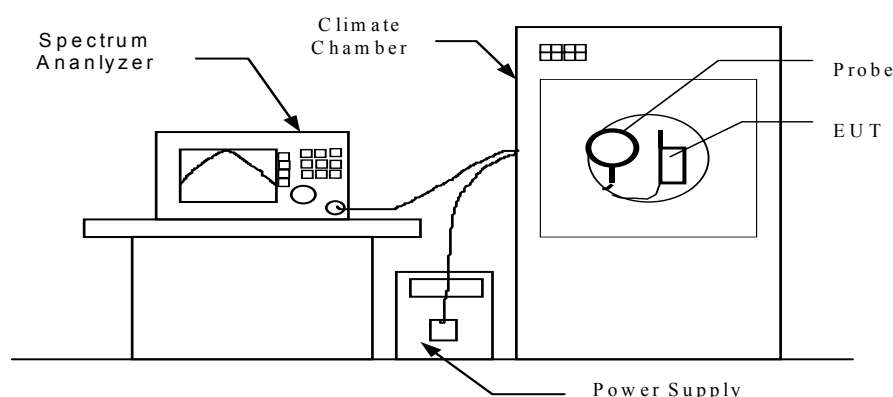
Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

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: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

8.2 Test Results

8.2.1 Frequency Stability vs. Temperature

GSM 850 & PCS 1900

CH128	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH512	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
120Vac	-30	-29.000	-0.035	±2.5	120Vac	-30	-43.000	-0.023	±2.5
	-20	-31.000	-0.038			-20	-41.000	-0.022	
	-10	-21.000	-0.025			-10	-55.000	-0.030	
	0	-17.000	-0.021			0	20.000	0.011	
	10	13.000	0.016			10	27.000	0.015	
	20	19.000	0.023			20	21.000	0.011	
	30	14.000	0.017			30	18.000	0.010	
	40	18.000	0.022			40	19.000	0.010	
	50	20.000	0.024			50	22.000	0.012	
132Vac	25	16.000	0.019	±2.5	132Vac	25	23.000	0.012	±2.5
108Vac	25	16.000	0.019		108Vac	25	18.000	0.010	
CH188	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH661	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
120Vac	-30	-27.000	-0.032	±2.5	120Vac	-30	-51.000	-0.027	±2.5
	-20	-19.000	-0.023			-20	-44.000	-0.023	
	-10	17.000	0.020			-10	46.000	0.024	
	0	15.000	0.018			0	19.000	0.010	
	10	13.000	0.016			10	18.000	0.010	
	20	17.000	0.020			20	23.000	0.012	
	30	16.000	0.019			30	15.000	0.008	
	40	19.000	0.023			40	21.000	0.011	
	50	21.000	0.025			50	17.000	0.009	
132Vac	25	19.000	0.023	±2.5	132Vac	25	24.000	0.013	±2.5
108Vac	25	16.000	0.019		108Vac	25	24.000	0.013	
CH251	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH810	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
120Vac	-30	-22.000	-0.026	±2.5	120Vac	-30	-52.000	-0.027	±2.5
	-20	-21.000	-0.025			-20	48.000	0.025	
	-10	15.000	0.018			-10	16.000	0.008	
	0	14.000	0.016			0	13.000	0.007	
	10	14.000	0.016			10	-21.000	-0.011	
	20	15.000	0.018			20	-14.000	-0.007	
	30	14.000	0.016			30	17.000	0.009	
	40	18.000	0.021			40	19.000	0.010	
	50	17.000	0.020			50	21.000	0.011	
132Vac	25	18.000	0.021	±2.5	132Vac	25	19.000	0.010	±2.5
108Vac	25	19.000	0.022		108Vac	25	19.000	0.010	



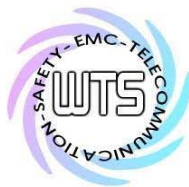
Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6R21610-16279-P-2224
FCC ID: GX9HPGWG5DT16

Band II & Band V

CH9262	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH4132	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
120Vac	-30	16.00	0.009	±2.5	120Vac	-30	12.00	0.015	±2.5
	-20	18.00	0.010			-20	11.00	0.013	
	-10	-47.00	-0.025			-10	8.00	0.010	
	0	-33.00	-0.018			0	6.00	0.007	
	10	-19.00	-0.010			10	-16.00	-0.019	
	20	-25.00	-0.013			20	-7.00	-0.008	
	30	21.00	0.011			30	14.00	0.017	
	40	17.00	0.009			40	19.00	0.023	
	50	-21.00	-0.011			50	21.00	0.025	
132Vac	25	-16.00	-0.009		132Vac	25	-16.00	-0.019	
108Vac	25	-19.00	-0.010		108Vac	25	-9.00	-0.011	
CH9400	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH4183	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
120Vac	-30	12.00	0.006	±2.5	120Vac	-30	14.00	0.017	±2.5
	-20	14.00	0.007			-20	-12.00	-0.014	
	-10	-20.00	-0.011			-10	-18.00	-0.022	
	0	-18.00	-0.010			0	-17.00	-0.020	
	10	-18.00	-0.010			10	-14.00	-0.017	
	20	-48.00	-0.026			20	-19.00	-0.023	
	30	17.00	0.009			30	13.00	0.016	
	40	-17.00	-0.009			40	18.00	0.022	
	50	29.00	0.015			50	-26.00	-0.031	
132Vac	25	-19.00	-0.010		132Vac	25	-22.00	-0.026	
108Vac	25	-18.00	-0.010		108Vac	25	-22.00	-0.026	
CH9538	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)	CH4233	Temp(°C)	Frequency drift(Hz)	Frequency drift(ppm)	Limit (ppm)
120Vac	-30	13.00	0.007	±2.5	120Vac	-30	-10.00	-0.012	±2.5
	-20	9.00	0.005			-20	-12.00	-0.014	
	-10	-16.00	-0.008			-10	-8.00	-0.009	
	0	-14.00	-0.007			0	9.00	0.011	
	10	-17.00	-0.009			10	-17.00	-0.020	
	20	24.00	0.013			20	-19.00	-0.022	
	30	17.00	0.009			30	16.00	0.019	
	40	25.00	0.013			40	21.00	0.025	
	50	27.00	0.014			50	19.00	0.022	
132Vac	25	-20.00	-0.010		132Vac	25	-18.00	-0.021	
108Vac	25	-21.00	-0.011		108Vac	25	-10.00	-0.012	

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



Report Number: W6R21610-16279-P-2224

FCC ID: GX9HPGWG5DT16

9 Maximum Permissible Exposure

9.1 Applicable Standard

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 0.2 m normally can be maintained between the user and the device.

9.2 MPE Calculation Method

(A) Limits for Occupational/Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1500	--	--	f/300	6
1500-100,000	--	--	5	6

(B) Limits for General Population/Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/1500	30
1500-100,000	--	--	1.0	30

f = frequency in MHz

*Plane-wave equivalent power density

$$E \text{ (V/m)} \cdot \frac{\sqrt{30 \times P \times G}}{d}$$

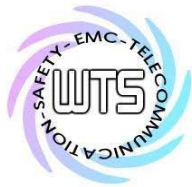
$$\text{Power Density: } Pd \text{ (W/m}^2\text{)} \cdot \frac{E^2}{377}$$

E = Electric field (V/m) P = output power (W) G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$$Pd \cdot \frac{30 \times P \times G}{377 \times d^2}$$



Report Number: W6R21610-16279-P-2224
FCC ID: GX9HPGWG5DT16

Frequency	Max output power (dBm) / (W)		Antenna Gain	Power Density(S) (mW/cm ²)	Limit of Power Density (S) (mW/cm ²)	Test Result
GSM 850	32.54	1.795	1.41	0.49	1.0	Complies
PCS 1900	28.75	0.750	1.94	0.23	1.0	Complies
Band II	22.73	0.187	1.94	0.058	1.0	Complies
Band V	23.00	0.2	1.41	0.055	1.0	Complies

From the peak EUT RF output power, the minimum mobile separation distance, $d = 0.2$ m, as well as the gain of the used antenna, the RF power density can be obtained.

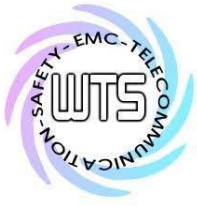


Report Number: W6R21610-16279-P-2224
FCC ID: GX9HPGWG5DT16

Appendix

Measurement diagrams

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



Worldwide Testing Services(Taiwan) Co., Ltd.

RF Power Output



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: Kent

File : POWER

Data : #1

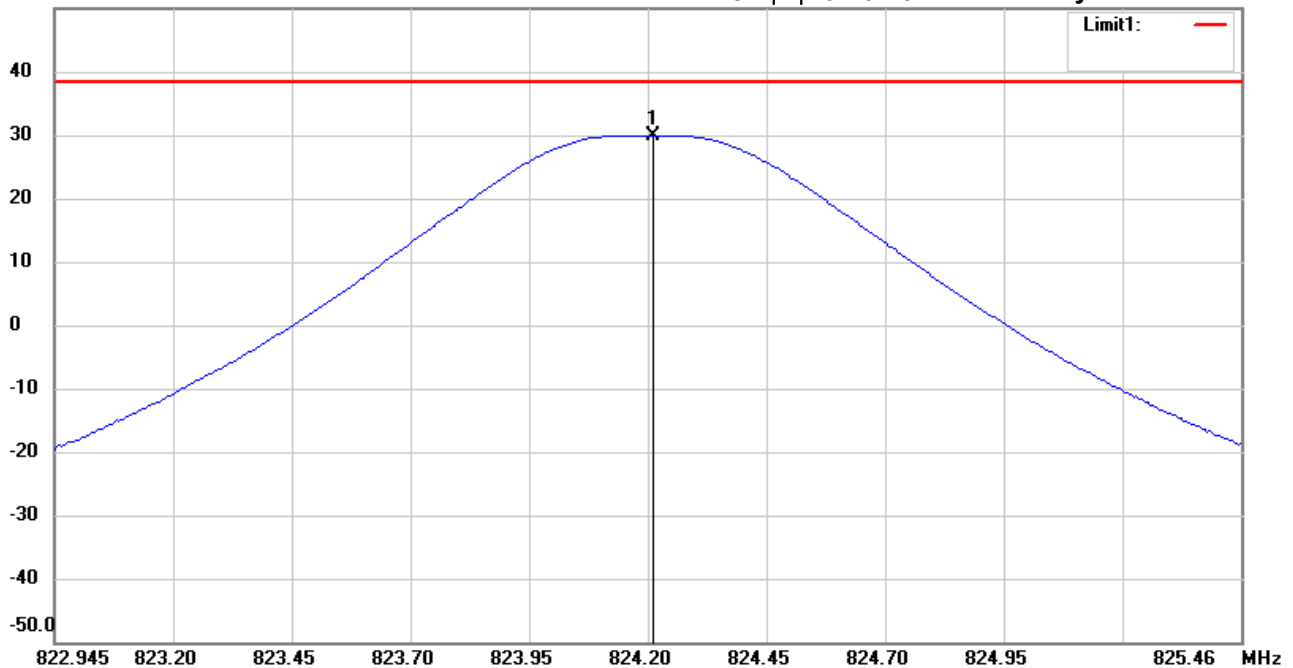
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:01:34

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	824.2126	-3.61	peak	33.49	29.88	38.45	150	120	-8.57	

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



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

Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #2

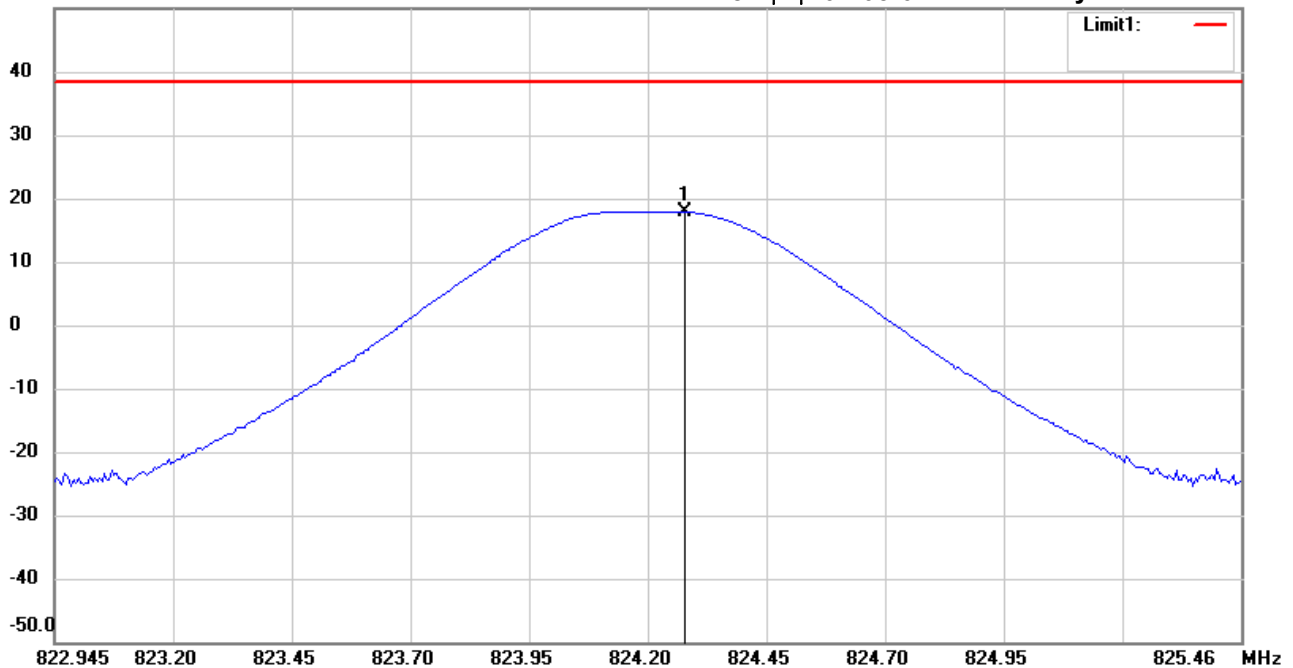
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:05:02

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: *Vertical*

Power : 120 V.a.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
*	824.2730	-15.51	peak	33.42	17.91	38.45	150	120	-20.54	

*: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: Kent

File : POWER

Data : #1

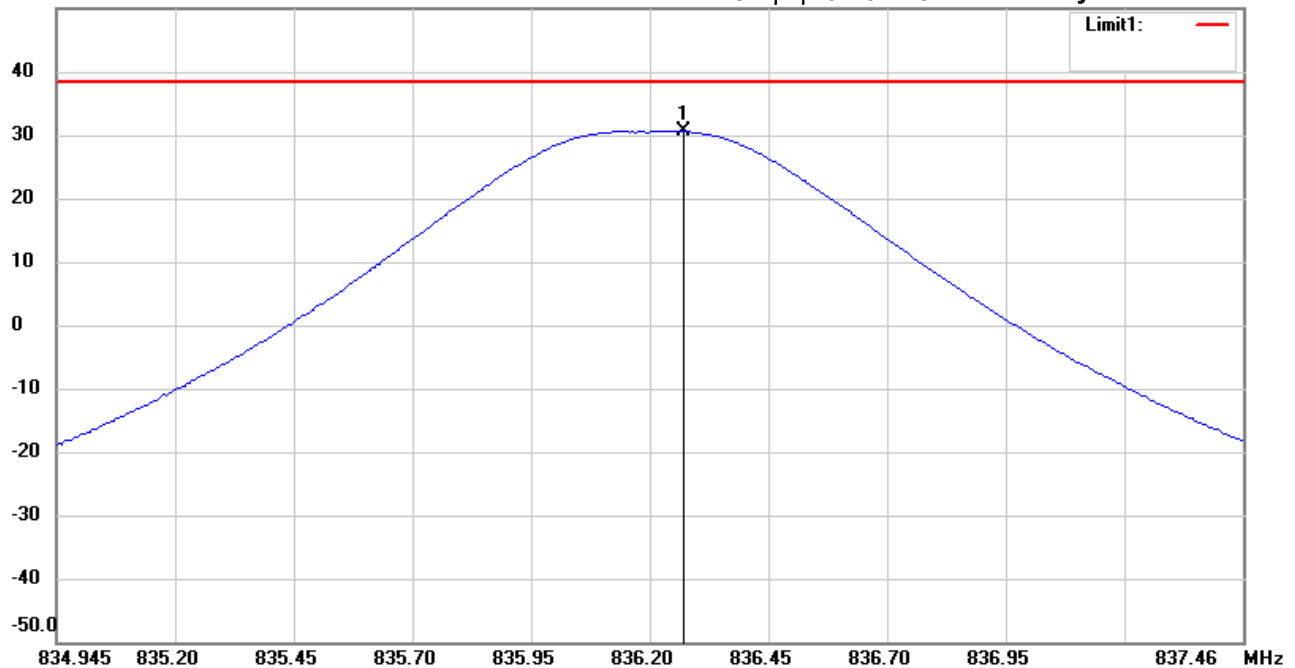
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:07:48

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	836.2680	-3.34	peak	33.90	30.56	38.45	150	130	-7.89	

*: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: Kent

File : POWER

Data : #2

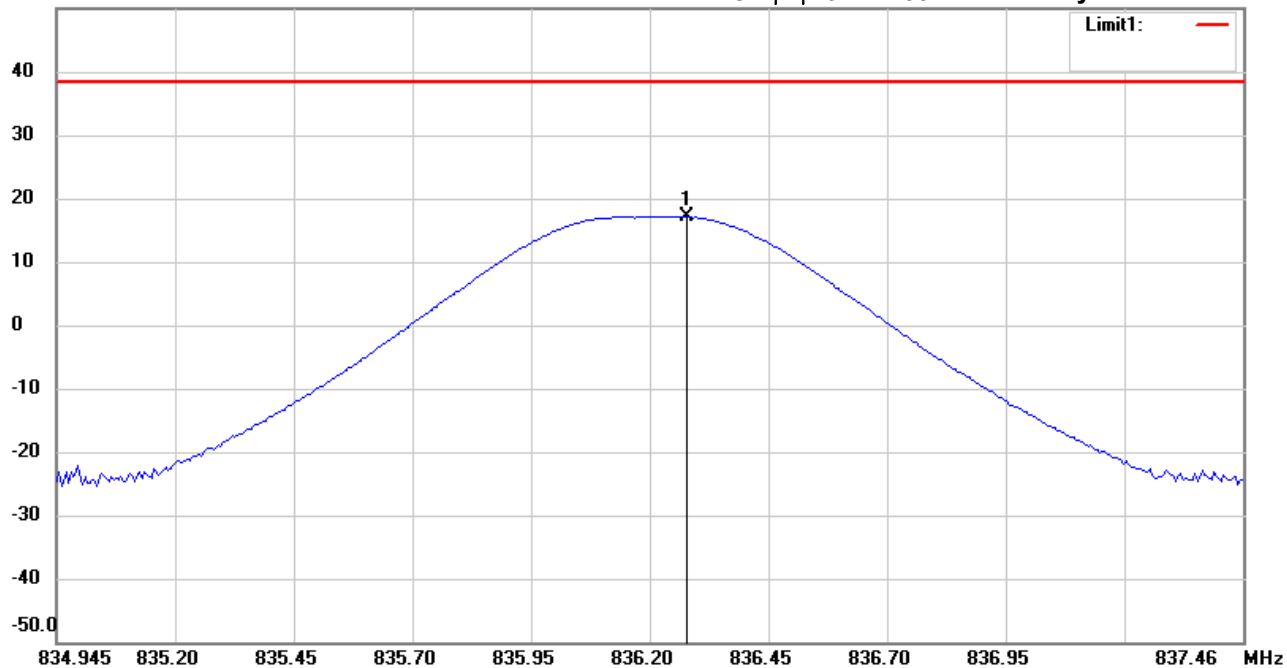
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:11:39

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: *Vertical*

Power : 120 V.a.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
*	836.2780	-16.67	peak	33.79	17.12	38.45	150	180	-21.33	

*: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: Kent

File : POWER

Data : #1

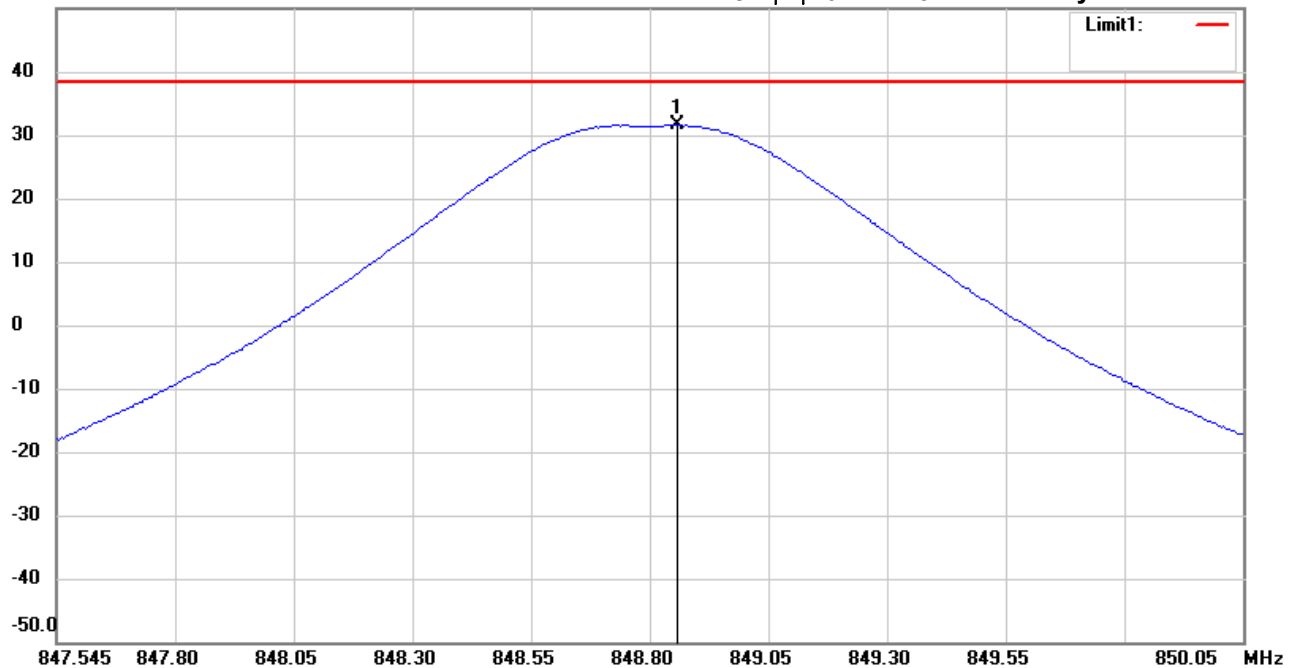
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:14:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	848.8578	-2.76	peak	34.33	31.57	38.45	150	130	-6.88	

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



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

Operator: Kent

File : POWER

Data : #2

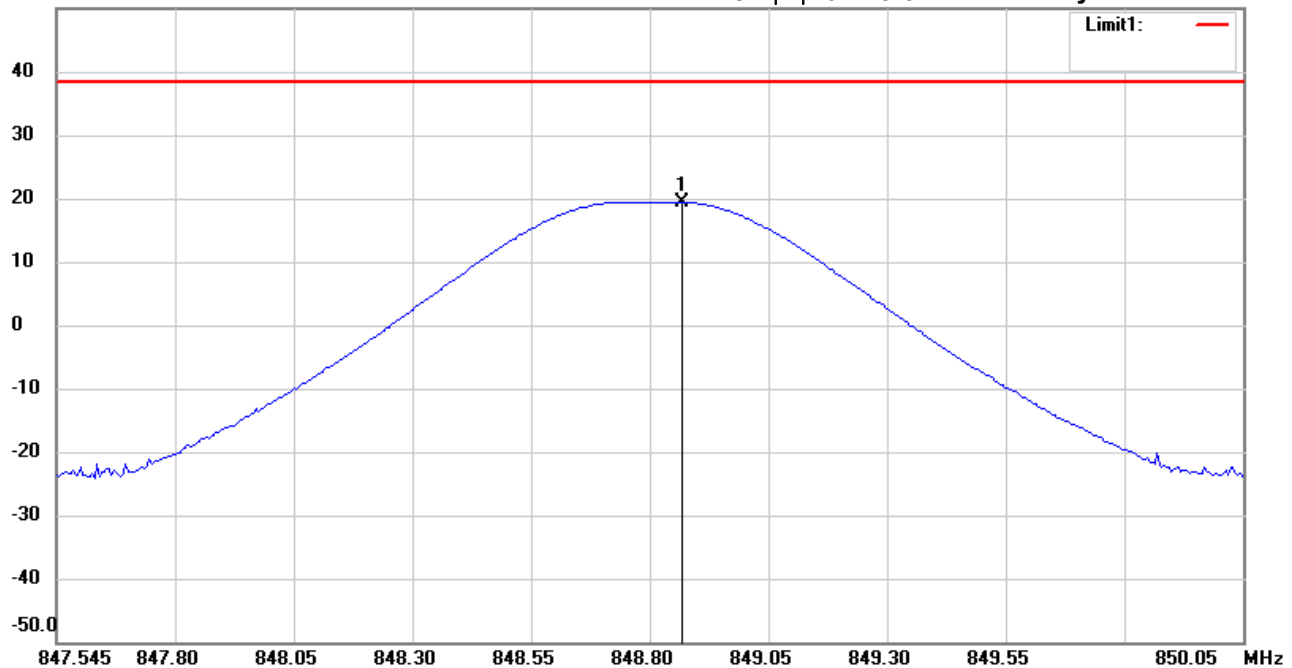
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:18:32

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	848.8630	-14.79	peak	34.17	19.38	38.45	150	180	-19.07	

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



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

Operator: Kent

File : POWER

Data : #1

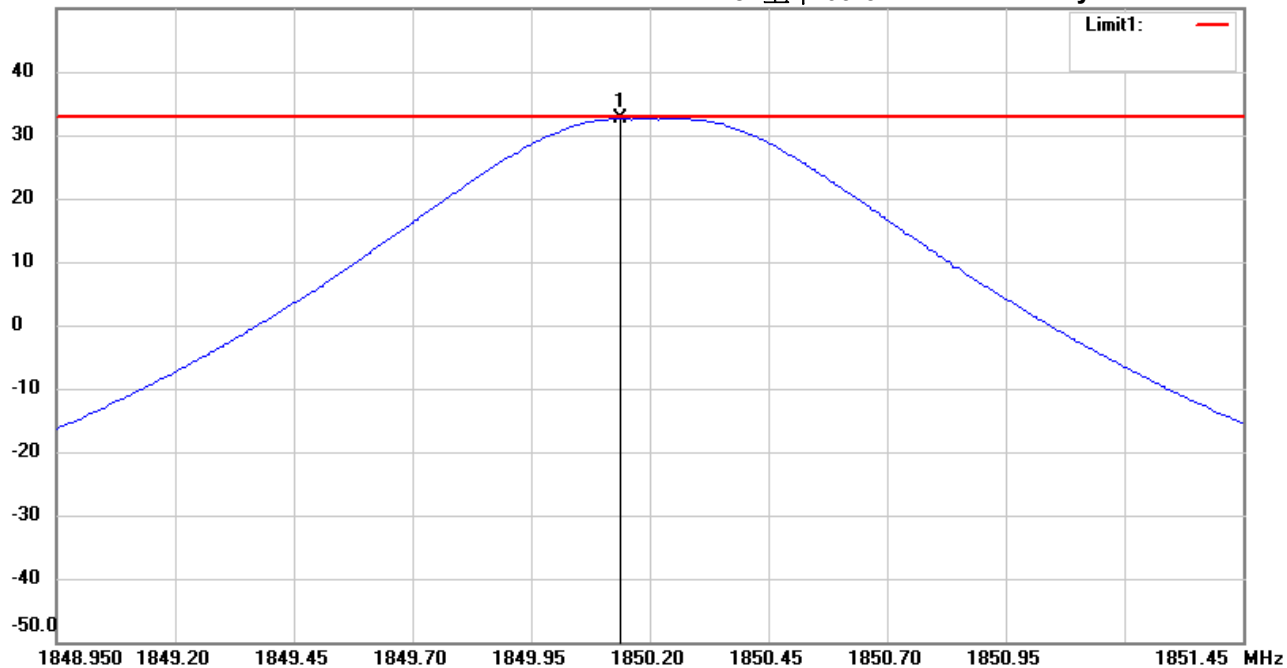
Date: 2016/11/3

Temperature: 24 °C

50.0 dBm

Time: 上午 09:34:44

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Horizontal*

Power : 120 V.a.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
*	1850.137	-11.61	peak	44.16	32.55	33.00	150	270	-0.45	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #2

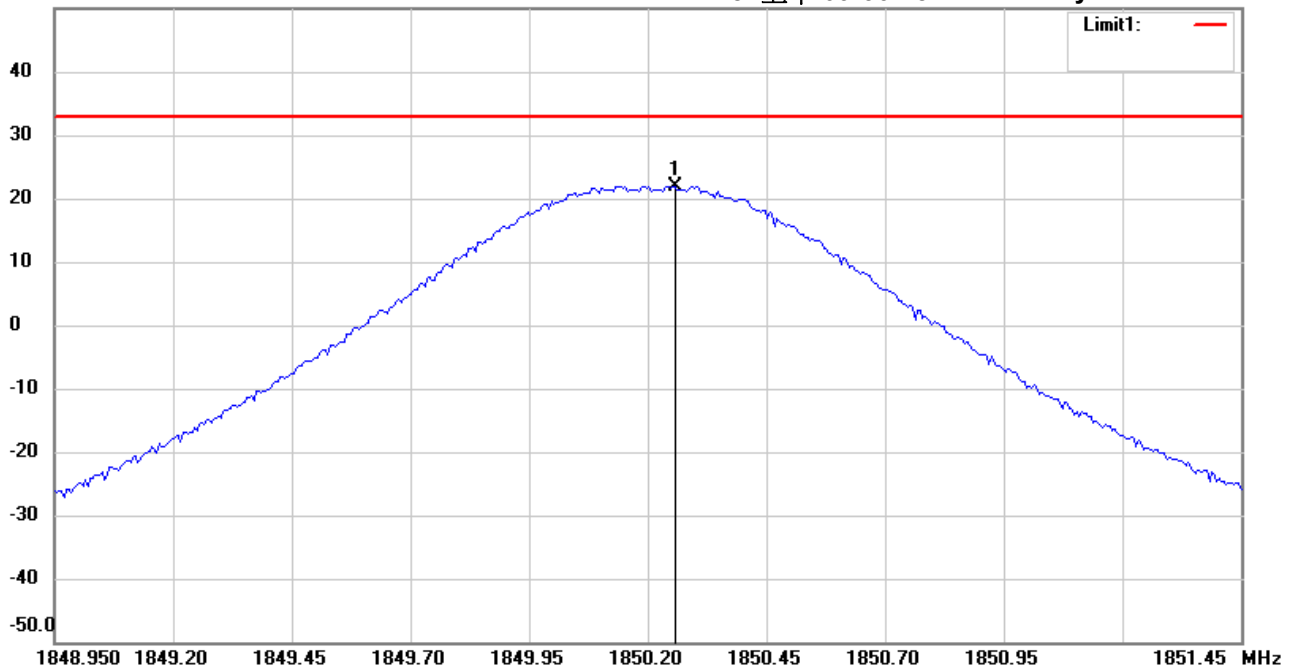
Date: 2016/11/3

Temperature: 24 °C

50.0 dBm

Time: 上午 09:36:48

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	1850.253	-23.45	peak	45.39	21.94	33.00	150	80	-11.06	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #1

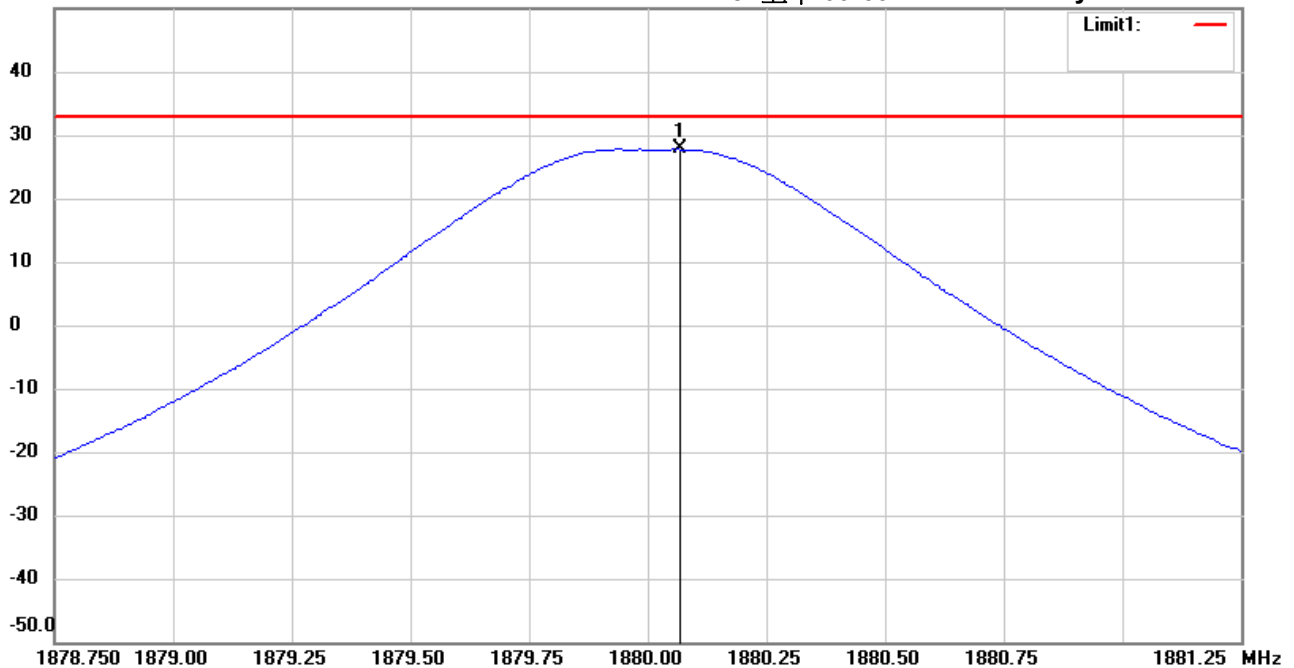
Date: 2016/11/3

Temperature: 24 °C

50.0 dBm

Time: 上午 09:39:41

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	1880.063	-16.41	peak	44.17	27.76	33.00	150	280	-5.24	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #2

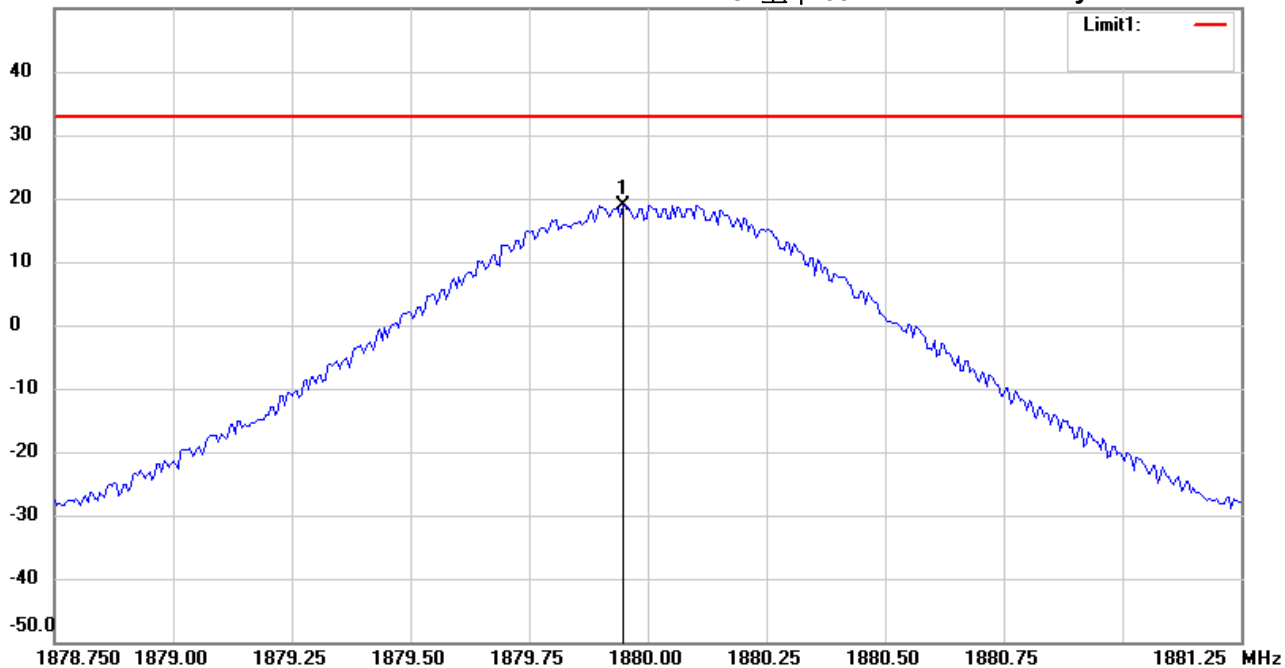
Date: 2016/11/3

Temperature: 24 °C

50.0 dBm

Time: 上午 09:41:14

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	1879.947	-26.53	peak	45.49	18.96	33.00	150	95	-14.04	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #1

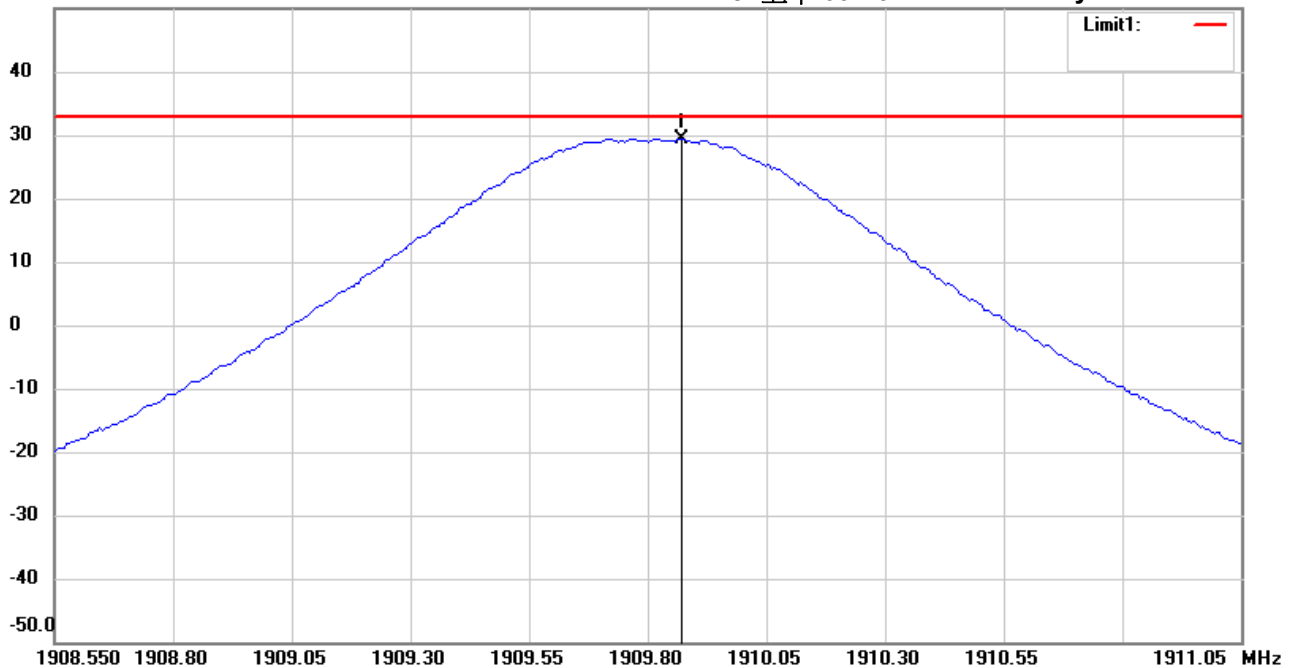
Date: 2016/11/3

Temperature: 24 °C

50.0 dBm

Time: 上午 09:43:47

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	1909.868	-14.99	peak	44.40	29.41	33.00	150	280	-3.59	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #2

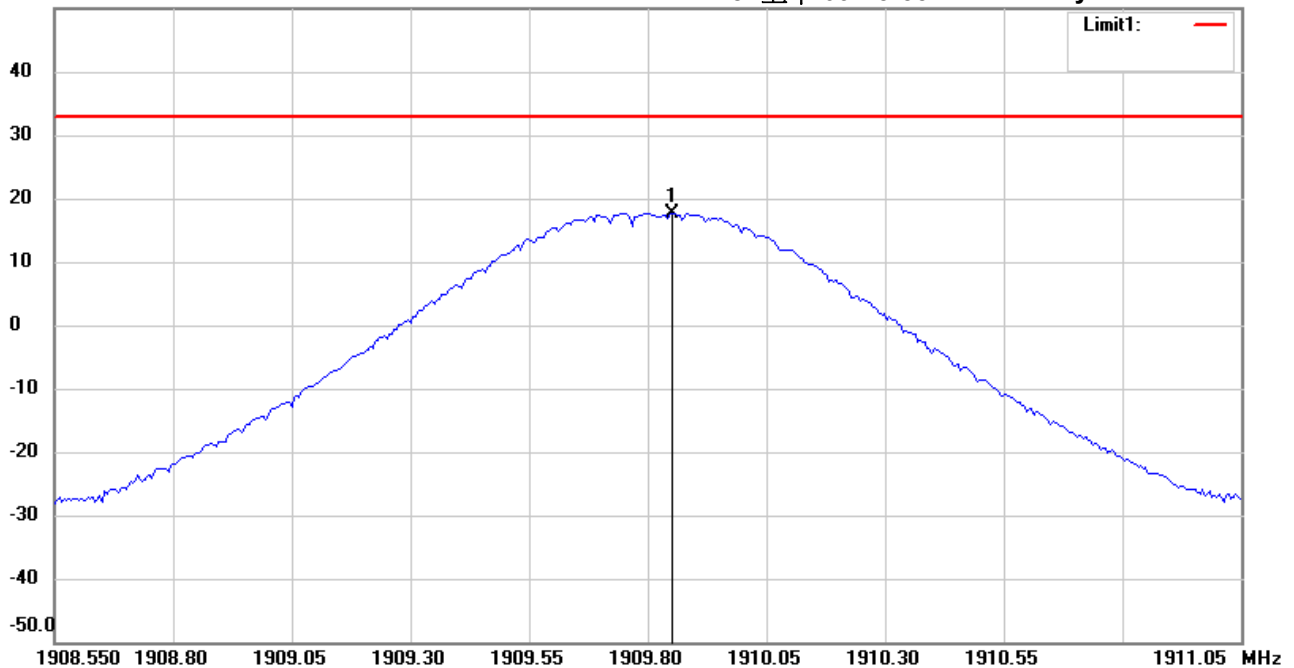
Date: 2016/11/3

Temperature: 24 °C

50.0 dBm

Time: 上午 09:45:55

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: Vertical

Power : 120 Va.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
*	1909.848	-28.31	peak	45.86	17.55	33.00	150	150	-15.45	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #1

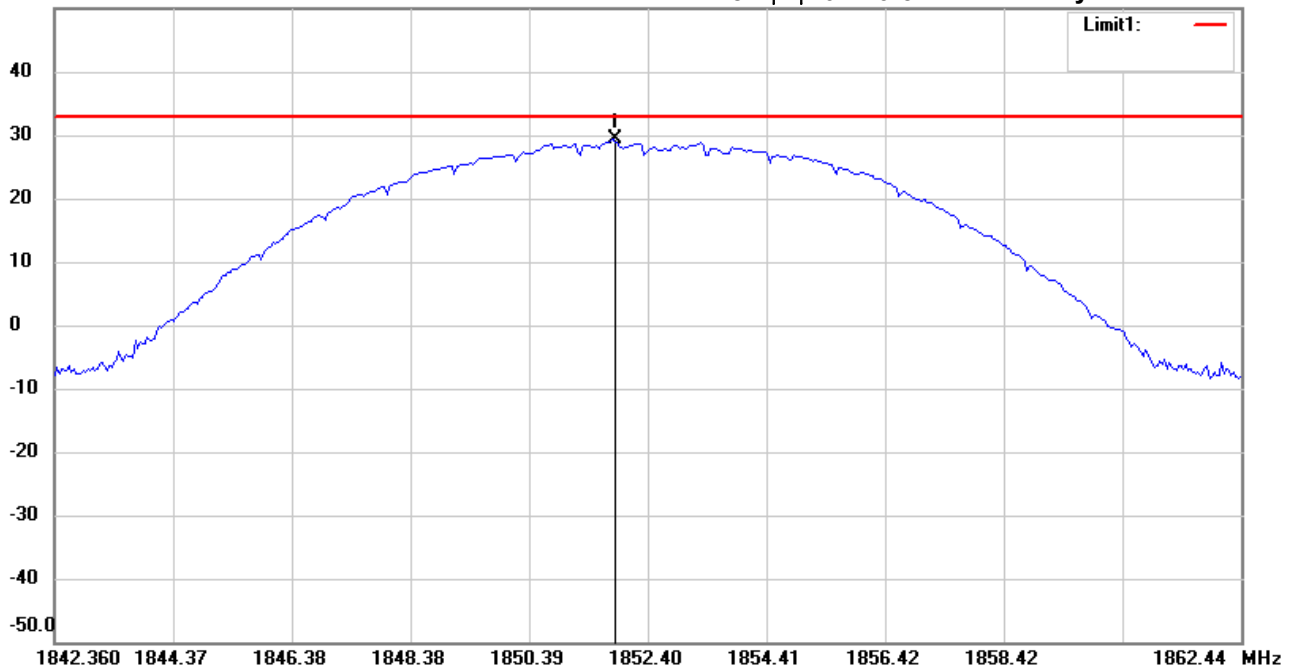
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:46:52

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	1851.817	-14.90	peak	44.16	29.26	33.00	150	280	-3.74	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #2

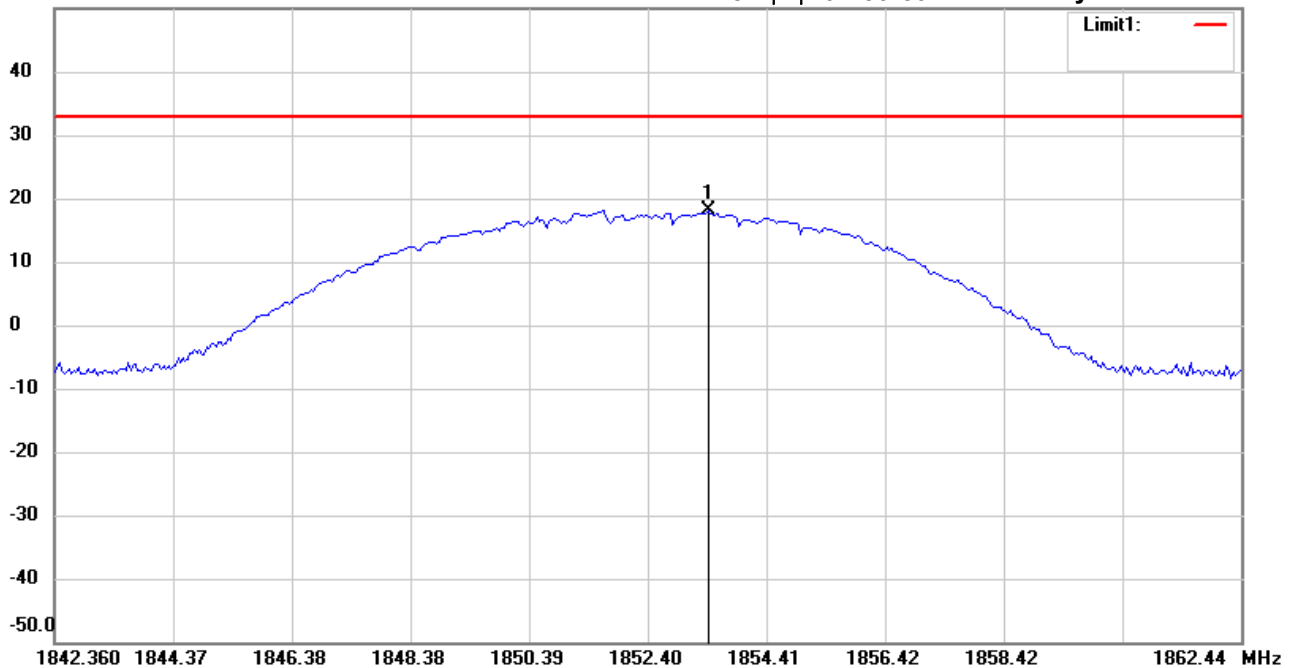
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:53:59

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: **Vertical**

Power : 120 Va.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
*	1853.426	-27.26	peak	45.40	18.14	33.00	150	230	-14.86	

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



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

Operator: Kent

File : POWER

Data : #1

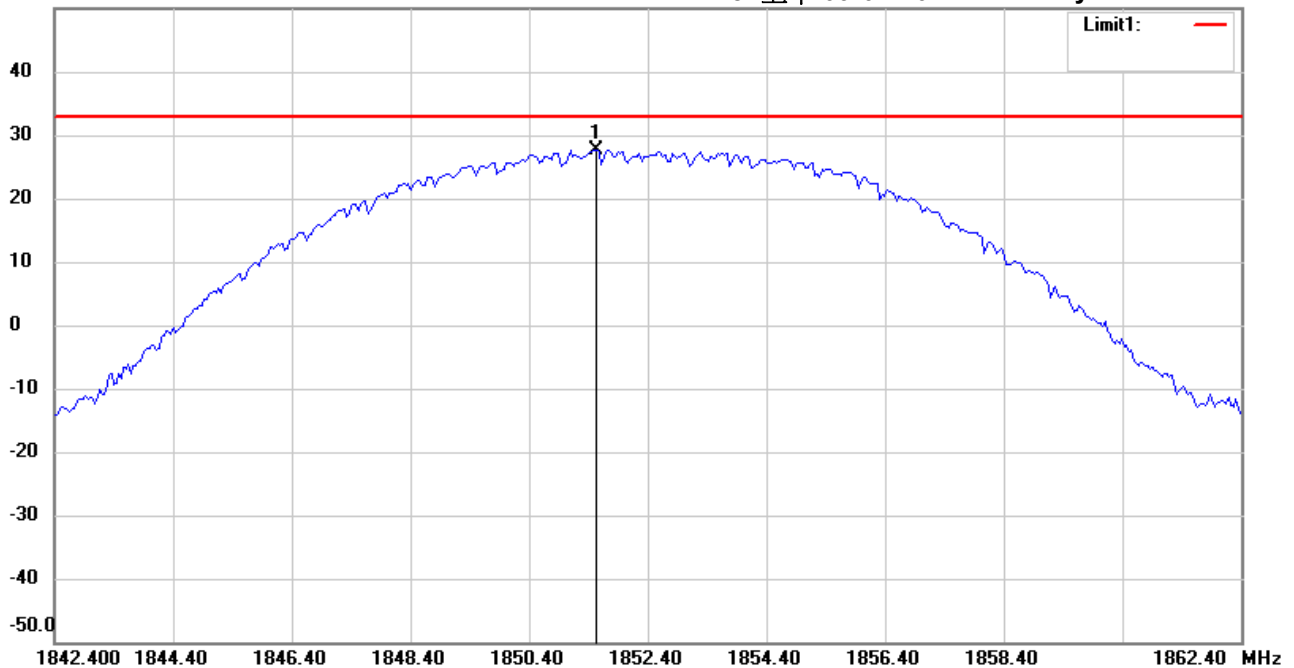
Date: 2016/10/18

Temperature: 24 °C

50.0 dBm

Time: 上午 09:01:40

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Horizontal*

Power : 120 V.a.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
*	1851.538	-16.49	peak	44.16	27.67	33.00	150	185	-5.33	

*: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: Kent

File : POWER

Data : #2

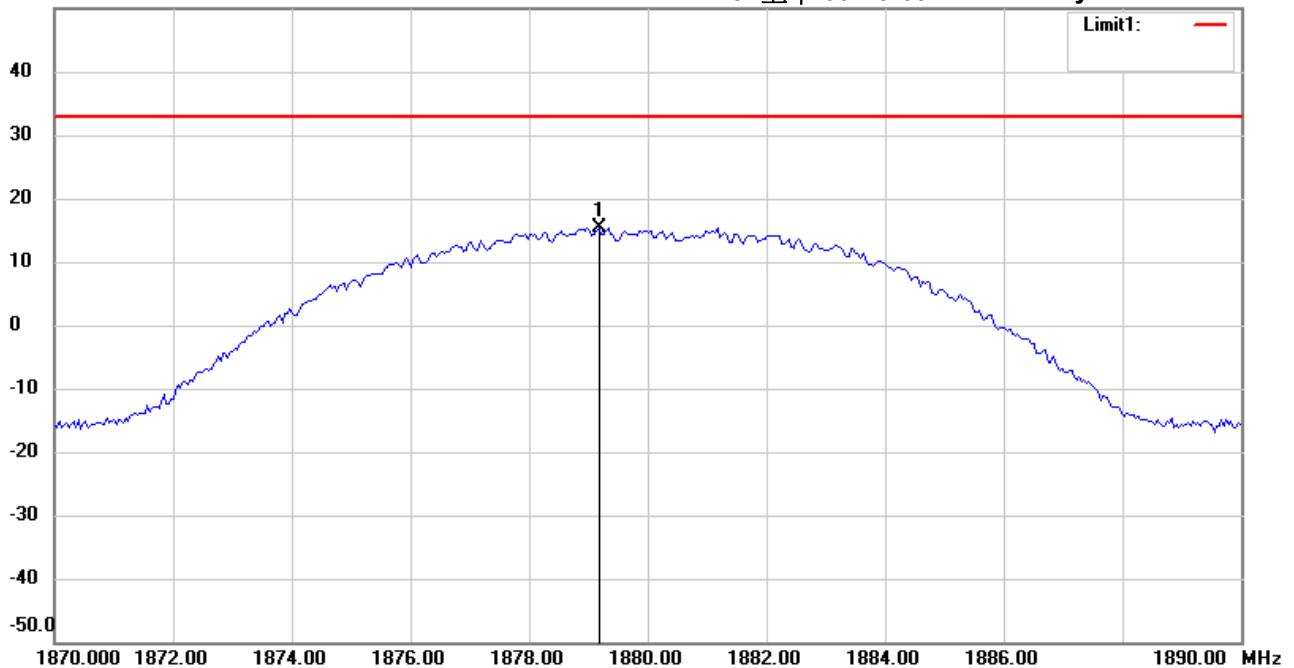
Date: 2016/11/3

Temperature: 24 °C

50.0 dBm

Time: 上午 09:18:59

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: Vertical

Power : 120 Va.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
*	1879.178	-29.99	peak	45.49	15.50	33.00	150	250	-17.50	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #1

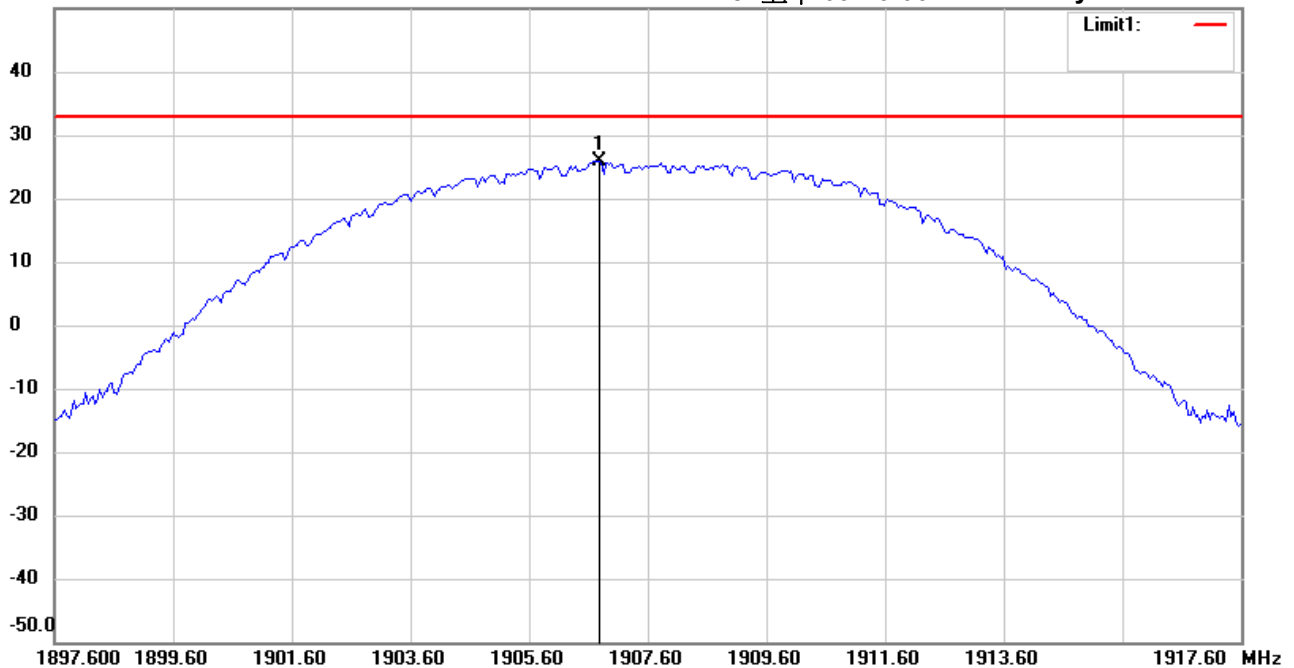
Date: 2016/11/3

Temperature: 24 °C

50.0 dBm

Time: 上午 09:26:06

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	1906.778	-18.40	peak	44.33	25.93	33.00	150	220	-7.07	

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



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

Operator: Kent

File : POWER

Data : #2

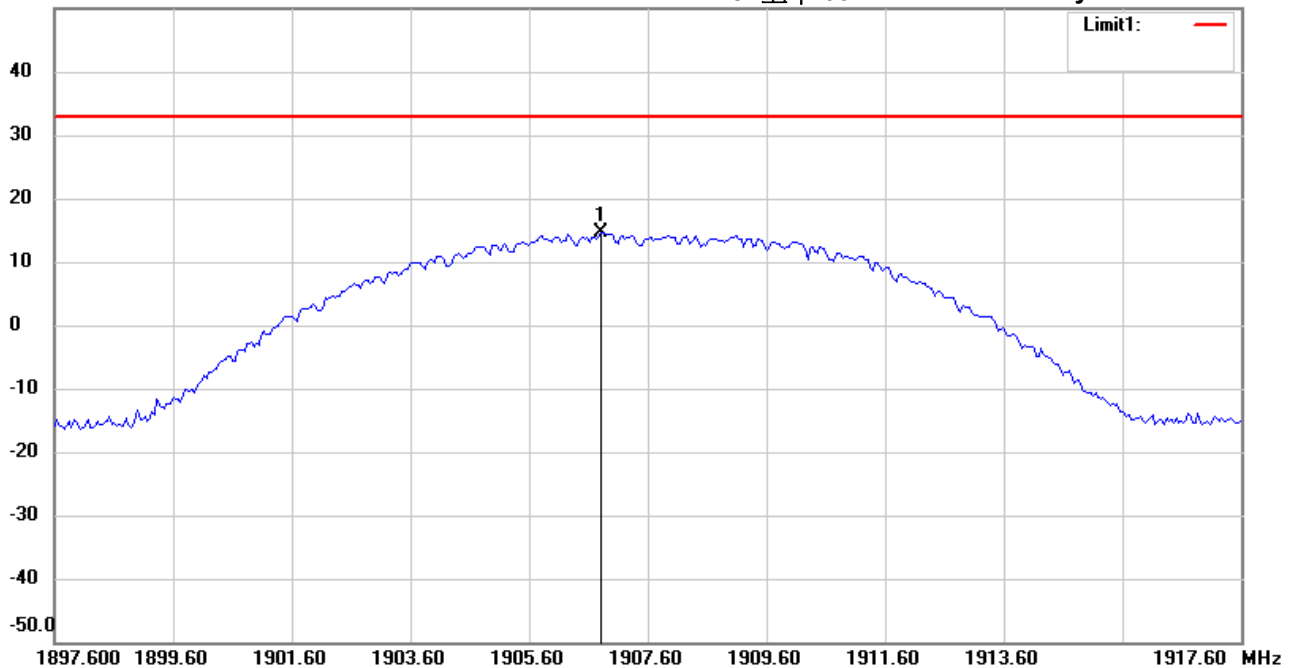
Date: 2016/11/3

Temperature: 24 °C

50.0 dBm

Time: 上午 09:27:42

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: Vertical

Power : 120 Va.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
*	1906.818	-31.03	peak	45.77	14.74	33.00	150	330	-18.26	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #1

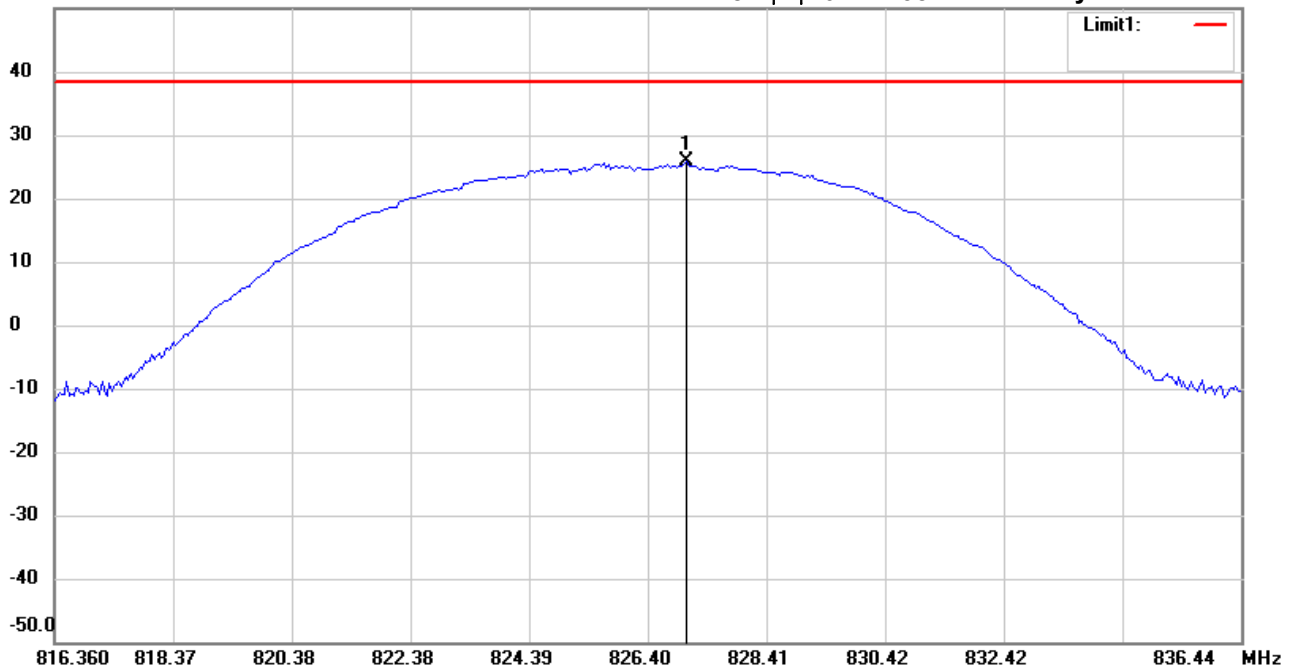
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:22:38

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	827.0640	-7.82	peak	33.59	25.77	38.45	150	130	-12.68	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #2

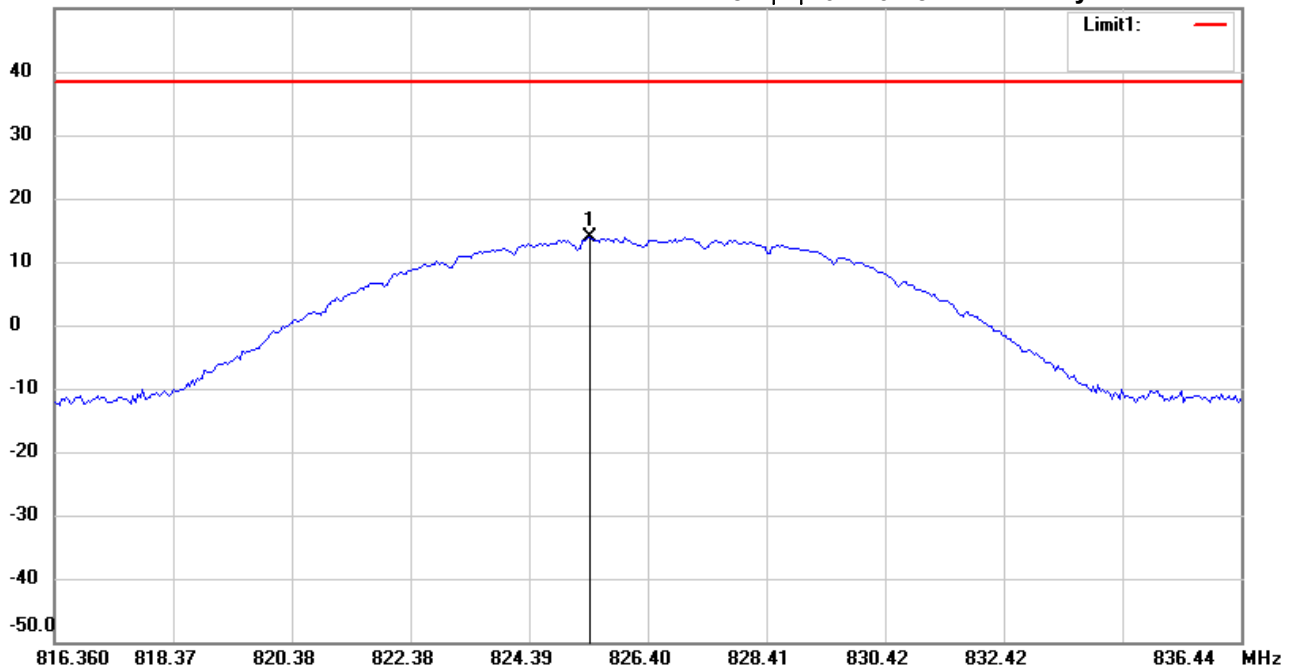
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:26:28

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	825.4141	-19.53	peak	33.45	13.92	38.45	150	125	-24.53	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #1

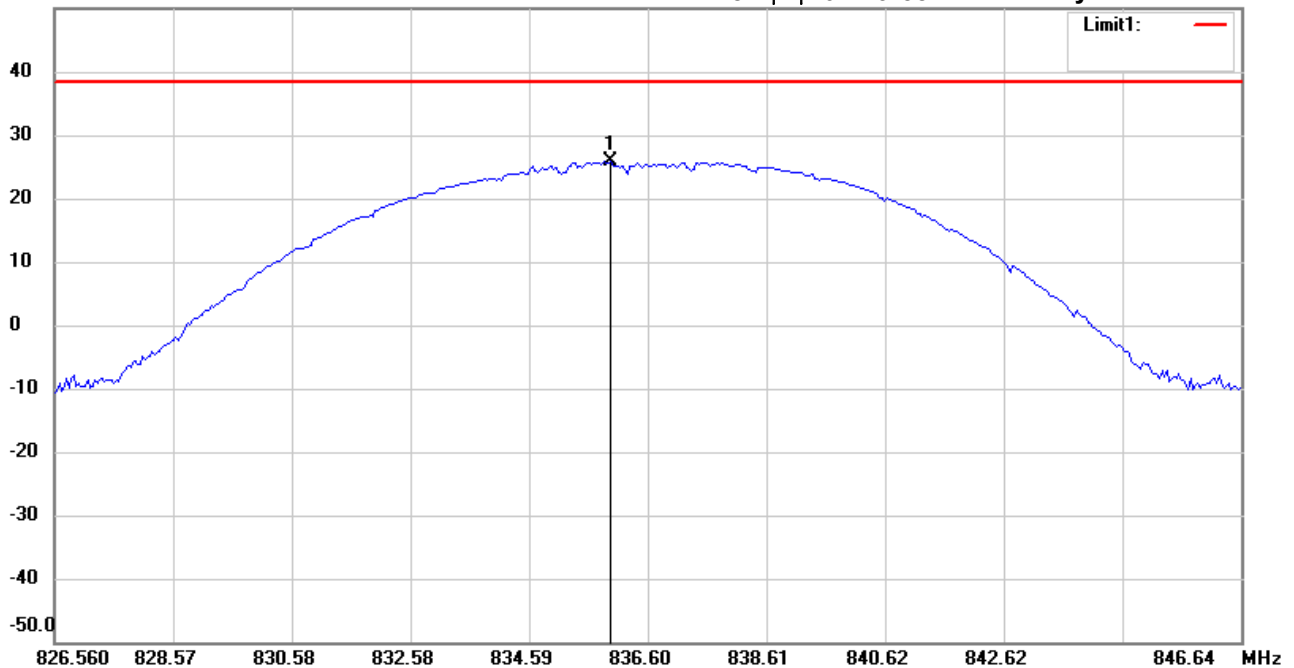
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:29:58

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	835.9763	-7.89	peak	33.89	26.00	38.45	150	130	-12.45	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #2

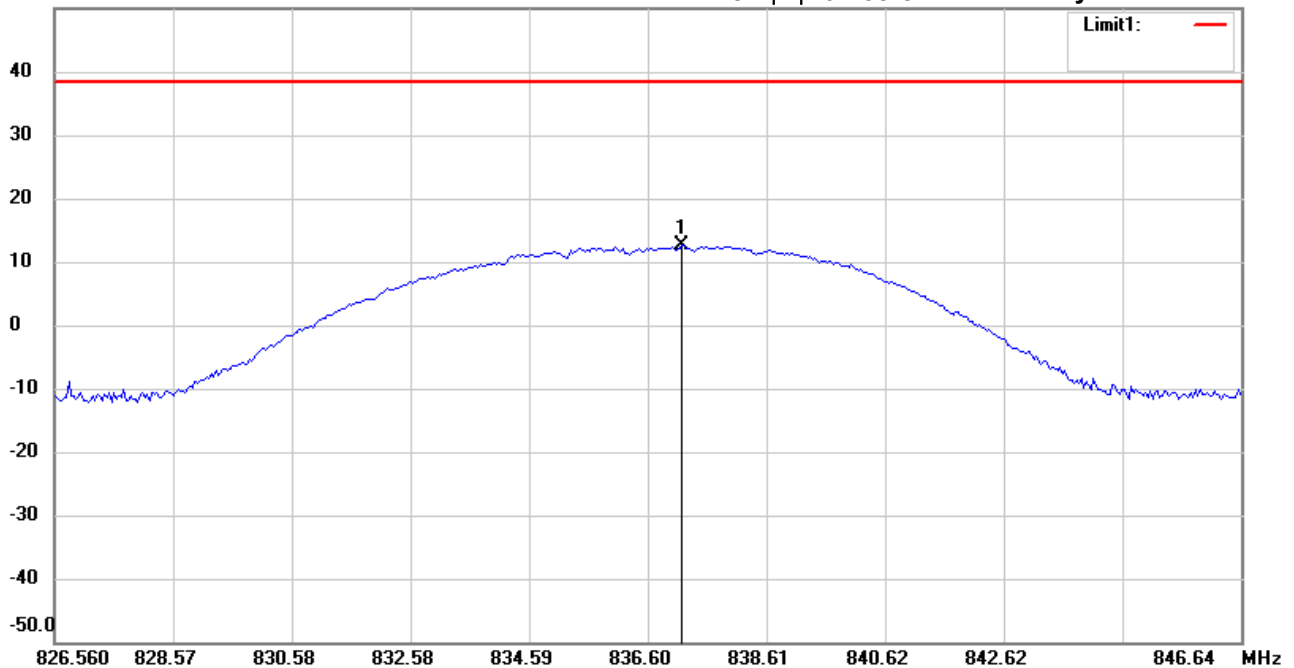
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:33:57

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: Vertical

Power : 120 Va.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
*	837.1835	-21.14	peak	33.82	12.68	38.45	150	175	-25.77	

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



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

Operator: Kent

File : POWER

Data : #1

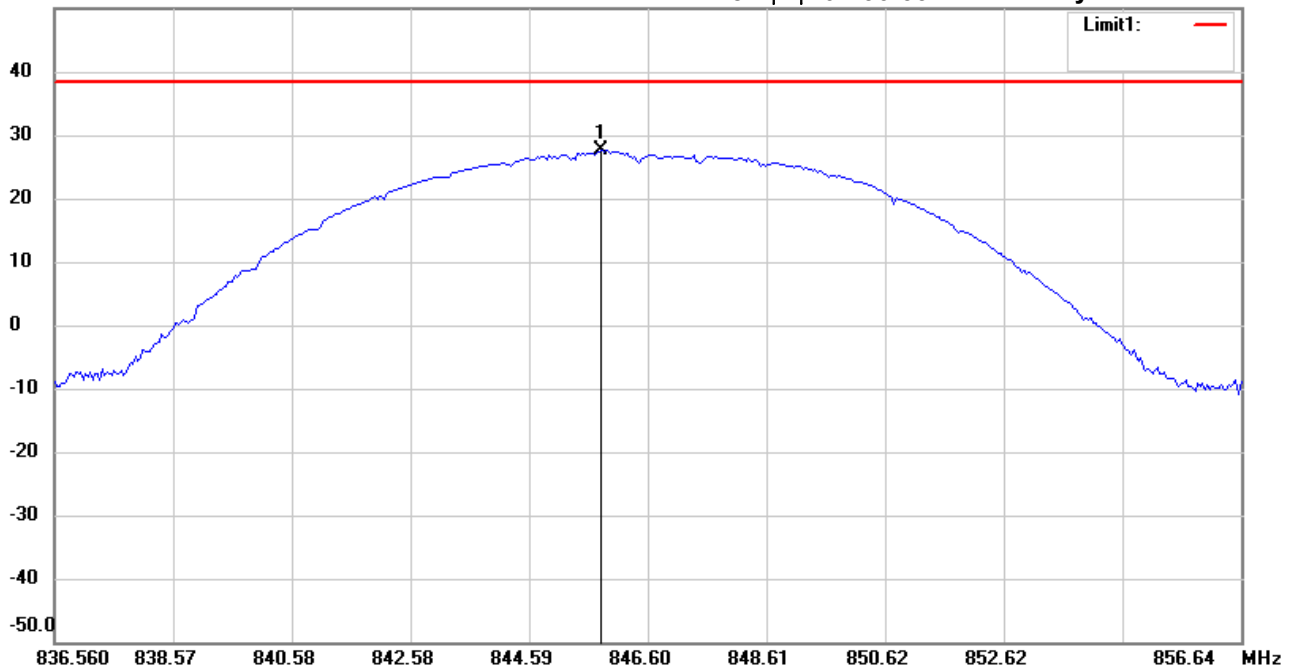
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:36:33

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	845.8153	-6.51	peak	34.23	27.72	38.45	150	125	-10.73	

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



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Radiated Emission Measurement

Operator: Kent

File : POWER

Data : #2

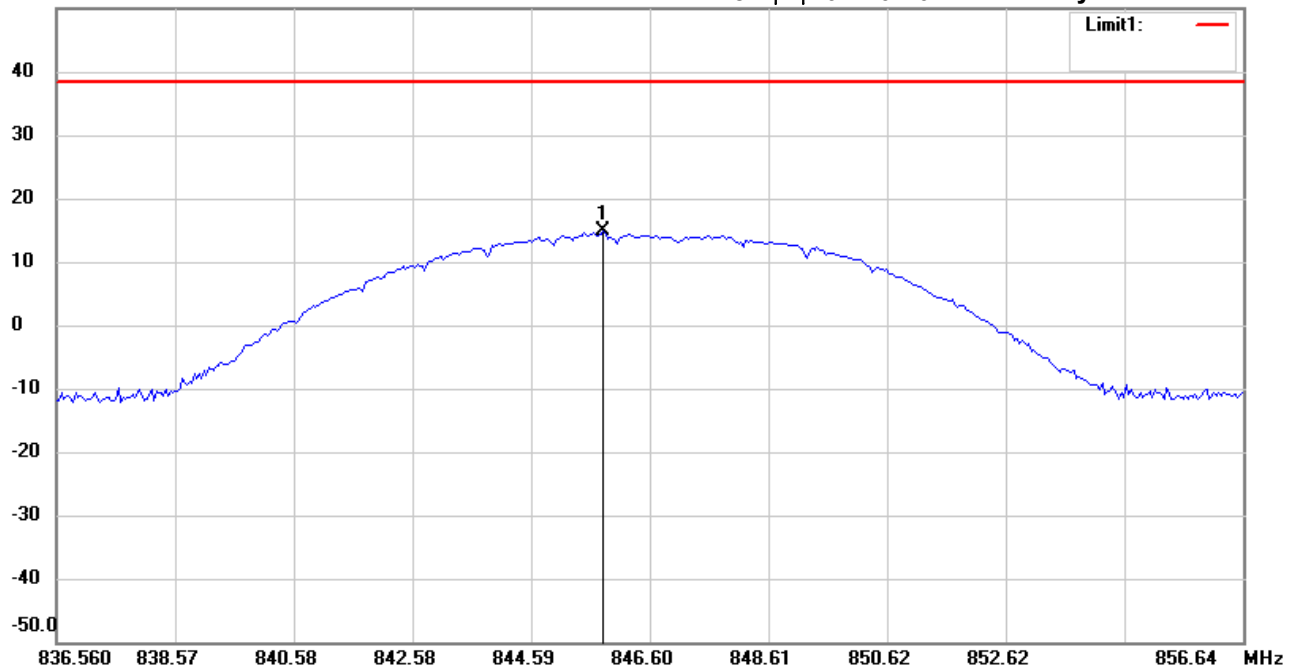
Date: 2016/10/14

Temperature: 24 °C

50.0 dBm

Time: 下午 04:40:40

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 POWER

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

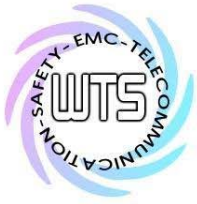
Polarization: *Vertical*

Power : 120 Va.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
*	845.8153	-19.27	peak	34.08	14.81	38.45	150	175	-23.64	

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Filed Strength of Spurious Emission



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

Radiated Emission Measurement

Operator: Kent

File :1

Data :#1

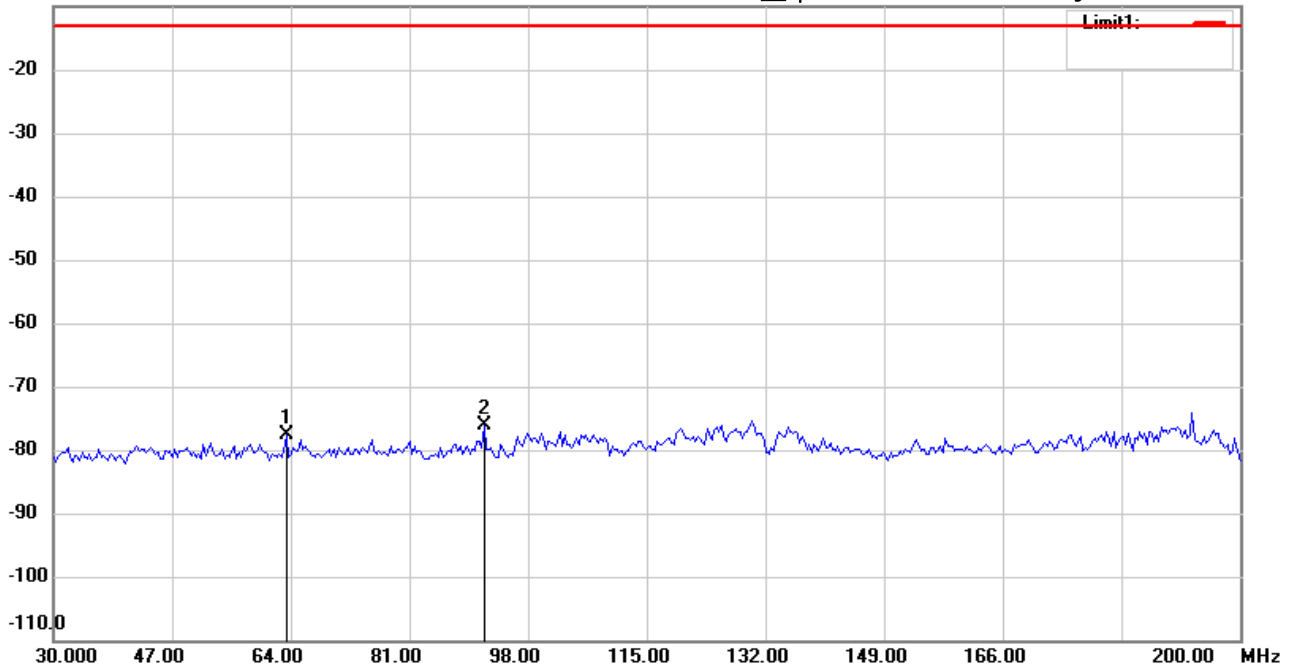
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:03:00

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	63.3868	-101.64	peak	23.95	-77.69	-13.00	150	110	-64.69	
*	91.6633	-99.62	peak	23.59	-76.03	-13.00	150	245	-63.03	

*: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: Kent

File :1

Data :#2

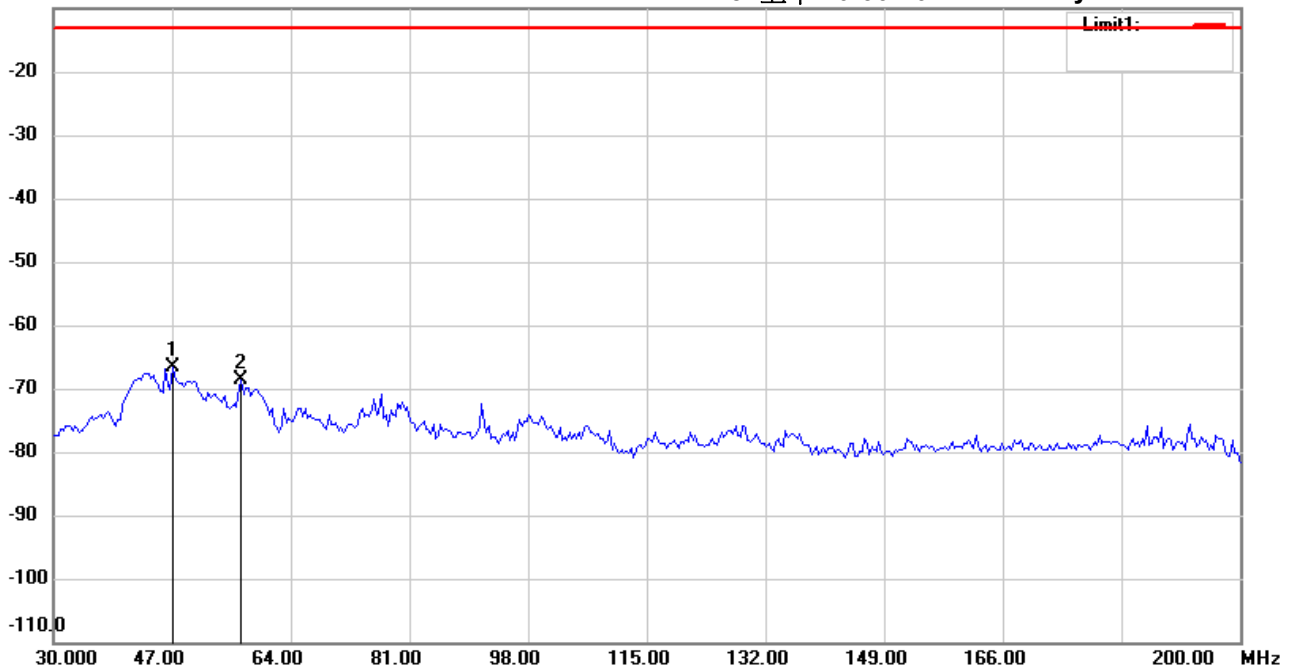
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:36:46

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: Vertical

Power : 120 Va.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
*	47.0341	-90.07	peak	23.43	-66.64	-13.00	150	145	-53.64	
	56.9138	-92.62	peak	23.88	-68.74	-13.00	150	220	-55.74	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #1

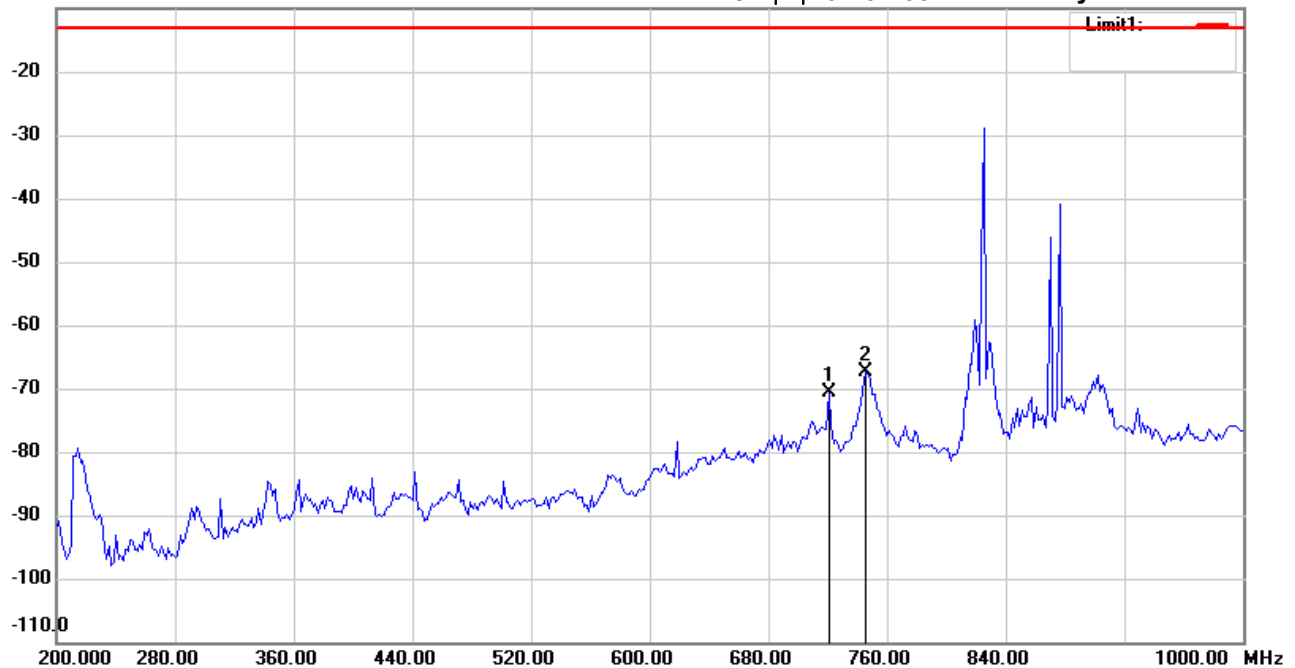
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 04:32:08

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: *Horizontal*

Power : 120 Va.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	-69.08	peak	-1.60	-70.68	-13.00	150	130	-57.68	
*	745.0902	-64.83	peak	-2.52	-67.35	-13.00	150	245	-54.35	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #2

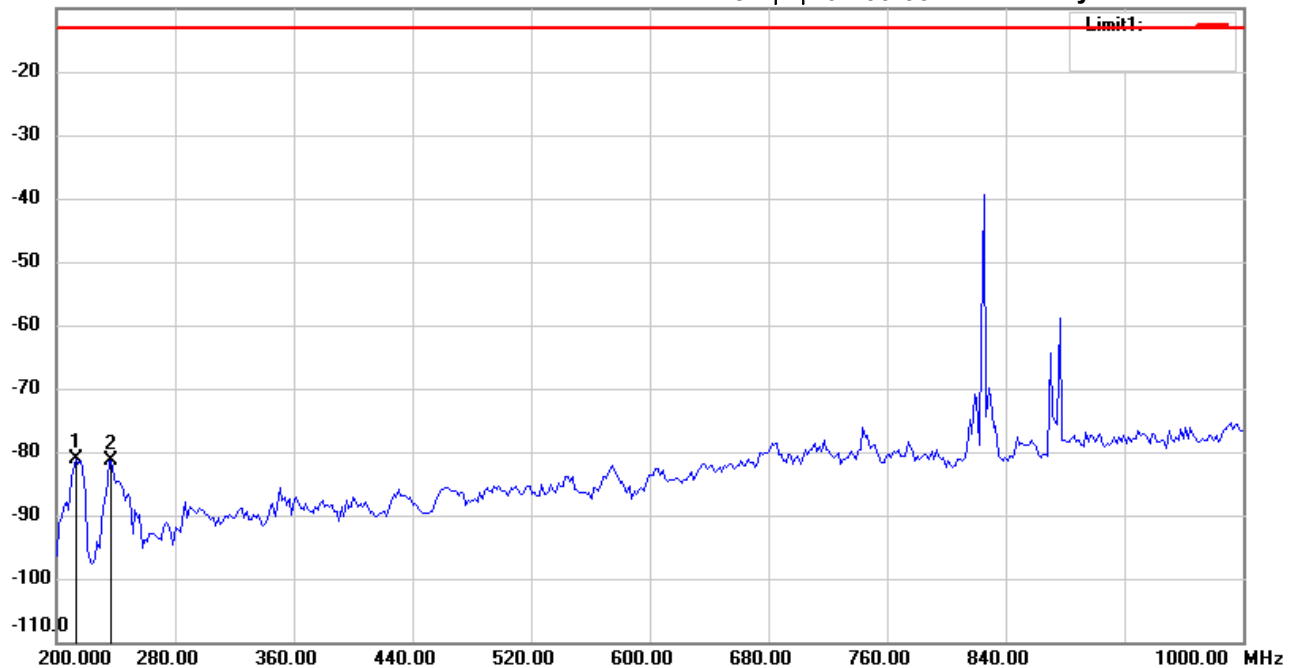
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 04:33:33

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	212.8257	-67.70	peak	-13.45	-81.15	-13.00	150	245	-68.15	
	236.8737	-70.01	peak	-11.34	-81.35	-13.00	150	305	-68.35	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

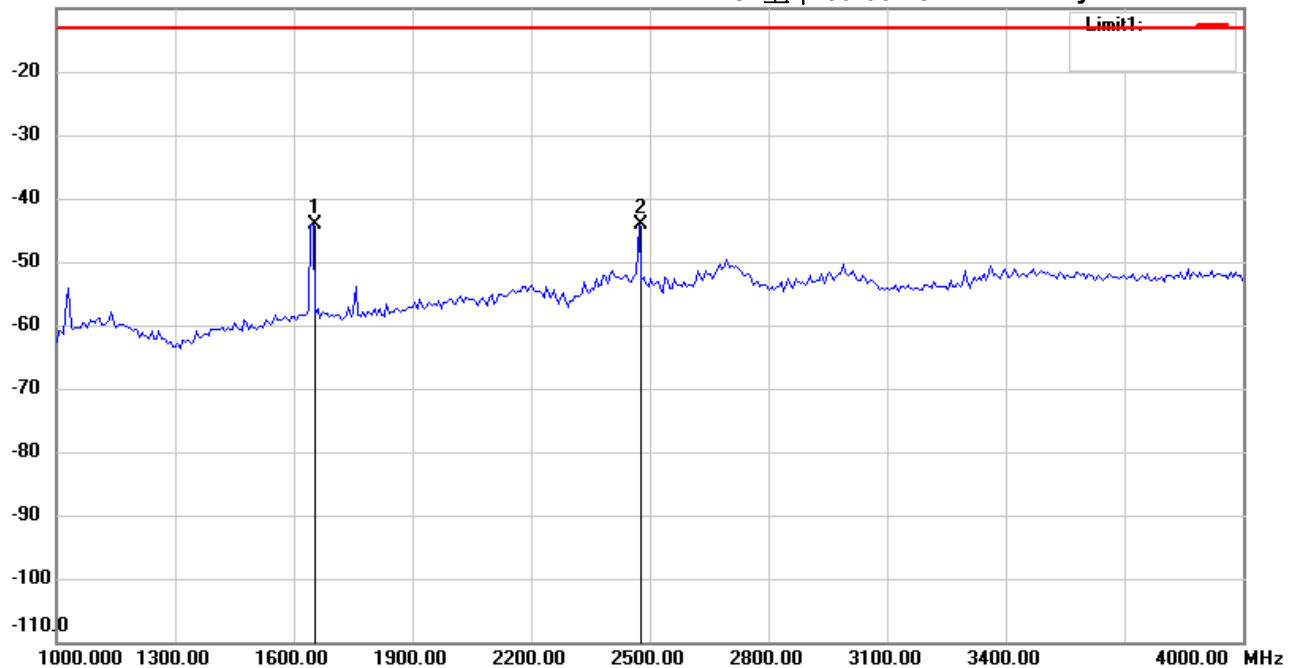
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:06:18

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: *Horizontal*

Power : 120 Va.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	-46.82	peak	2.76	-44.06	-13.00	150	245	-31.06	
	2472.946	-52.43	peak	8.20	-44.23	-13.00	150	110	-31.23	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #4

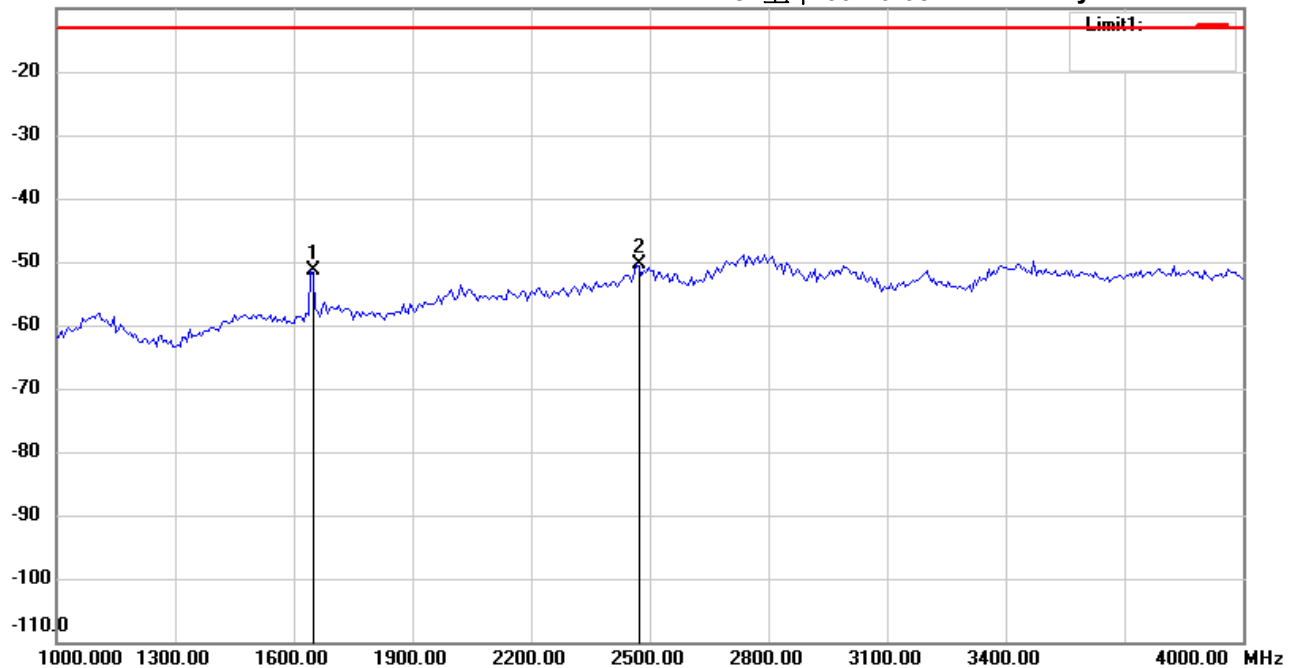
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:10:05

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: Vertical

Power : 120 Va.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
	1643.287	-54.39	peak	3.10	-51.29	-13.00	150	230	-38.29	
*	2466.934	-59.68	peak	9.30	-50.38	-13.00	150	110	-37.38	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #2

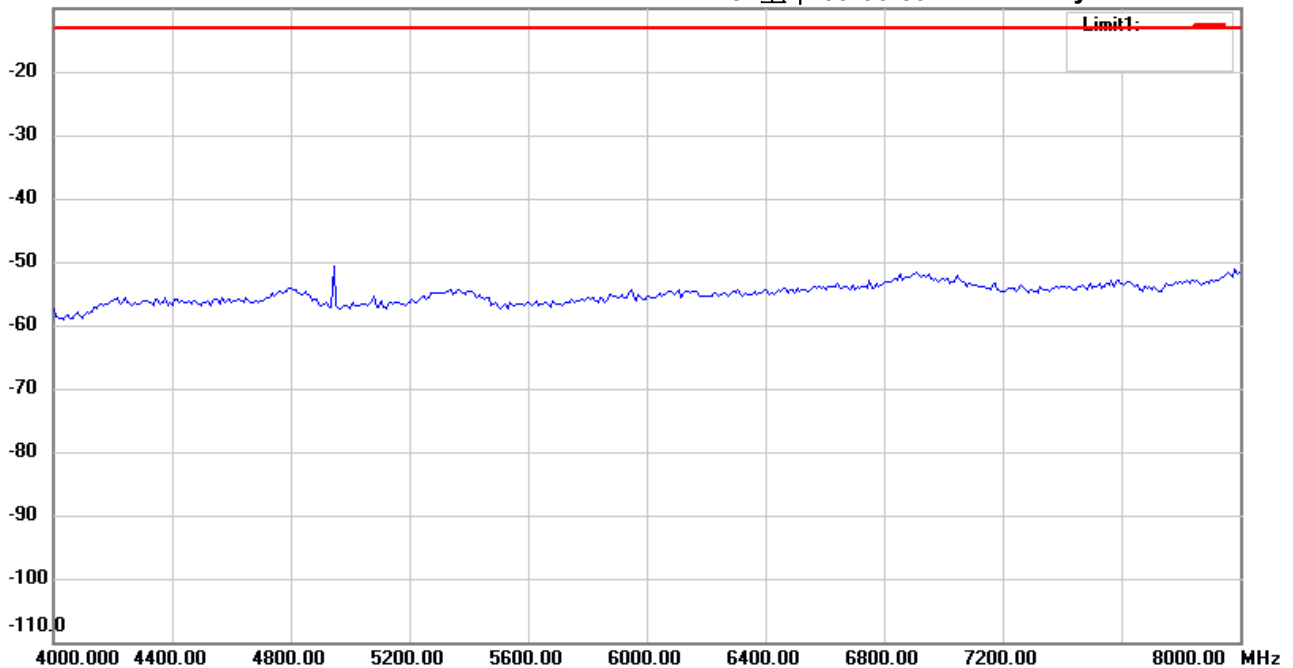
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:06:59

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #5

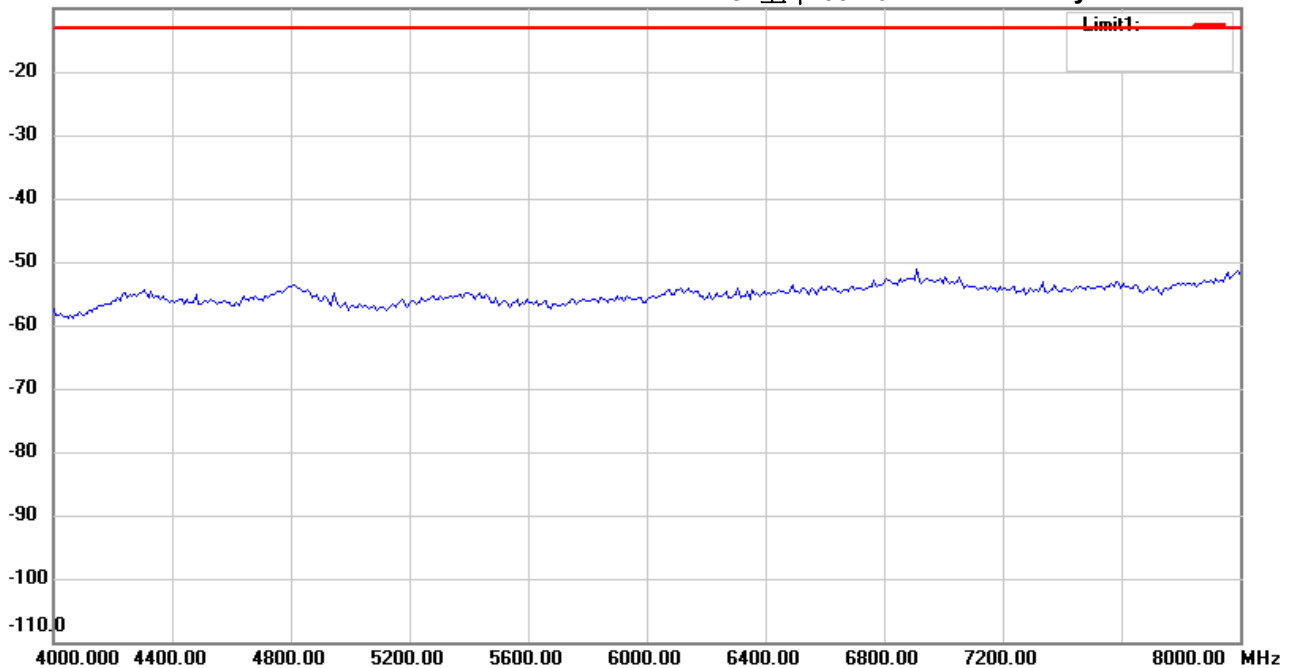
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:10:44

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #3

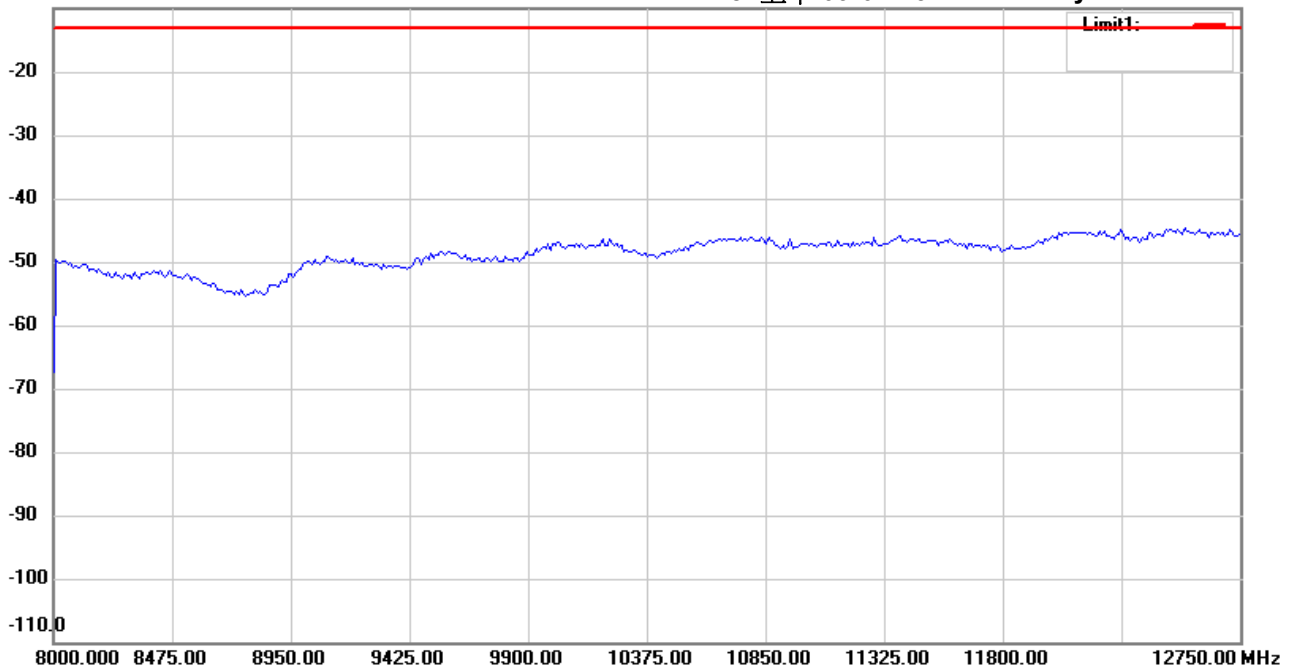
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:07:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #6

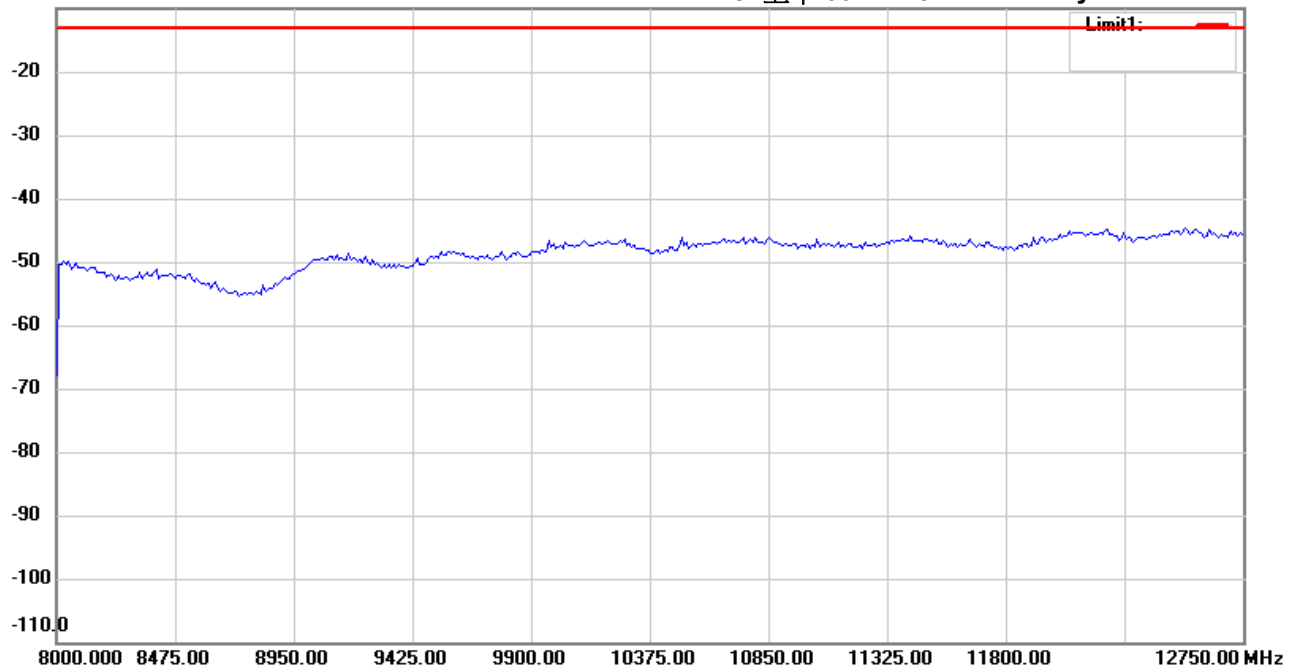
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:11:28

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH128

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :1

Data :#1

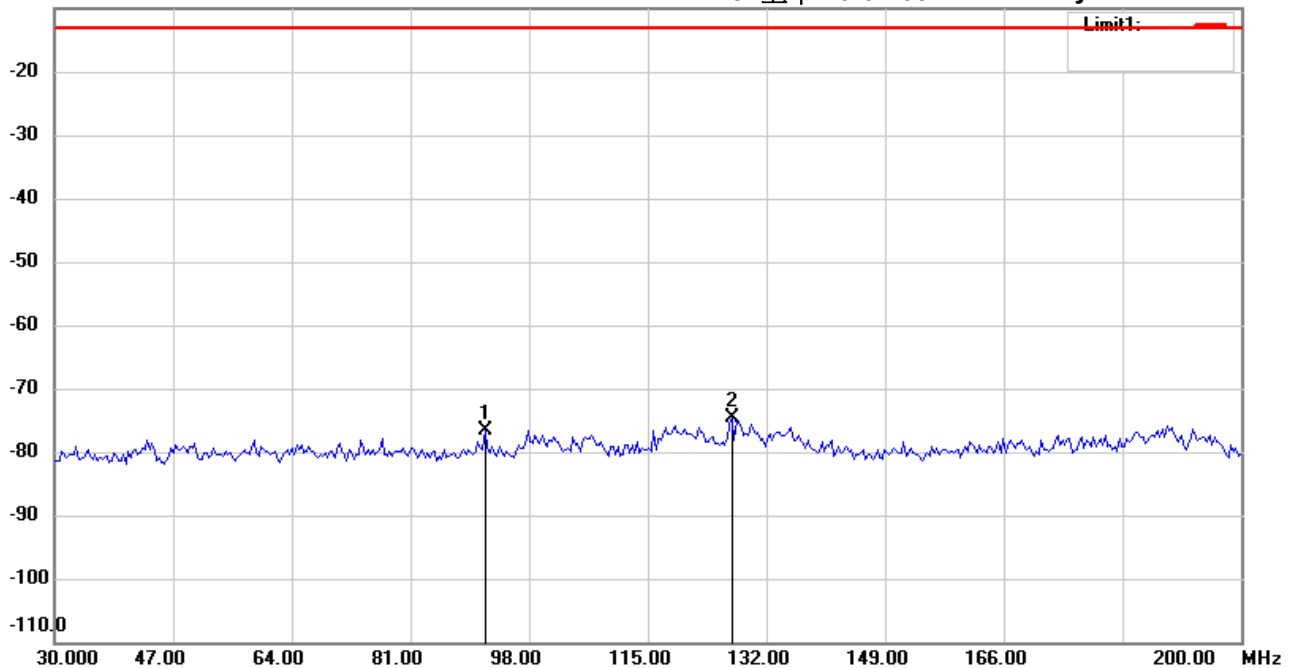
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:04:08

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	91.6633	-100.22	peak	23.59	-76.63	-13.00	150	160	-63.63	
*	127.0942	-96.90	peak	22.29	-74.61	-13.00	150	220	-61.61	

*: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: Kent

File :1

Data :#2

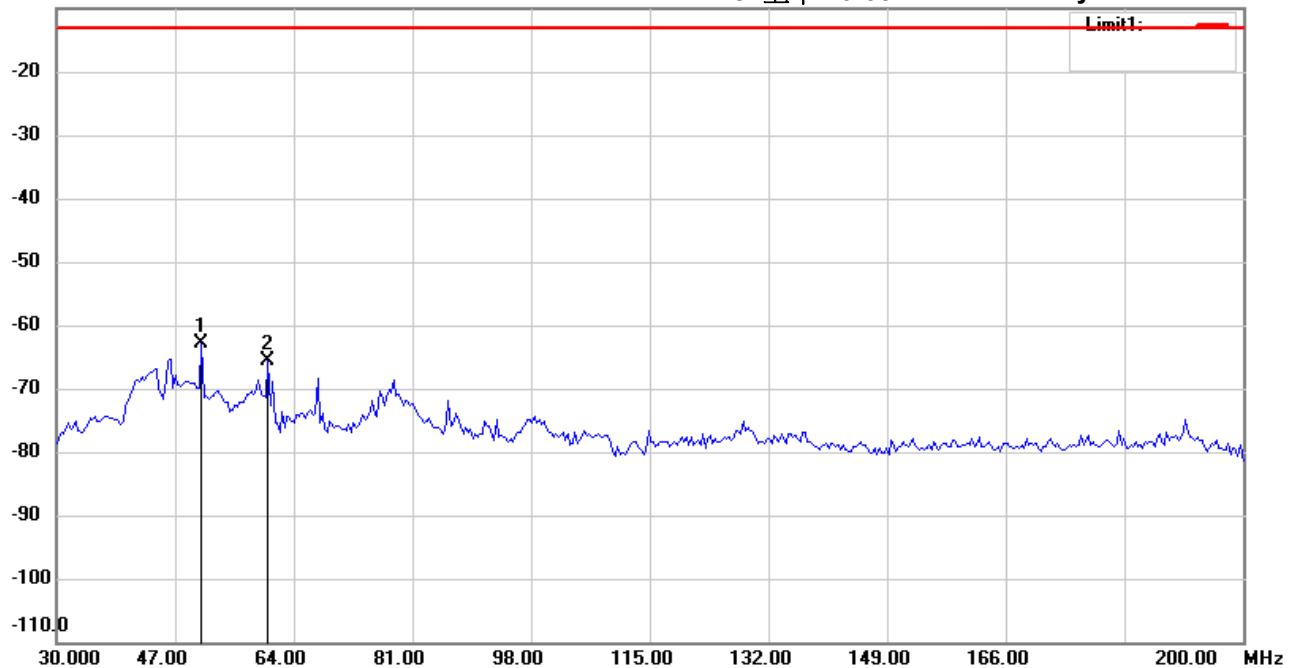
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:35:24

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	50.7816	-86.50	peak	23.51	-62.99	-13.00	150	245	-49.99	
	60.3206	-89.60	peak	24.07	-65.53	-13.00	150	185	-52.53	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #1

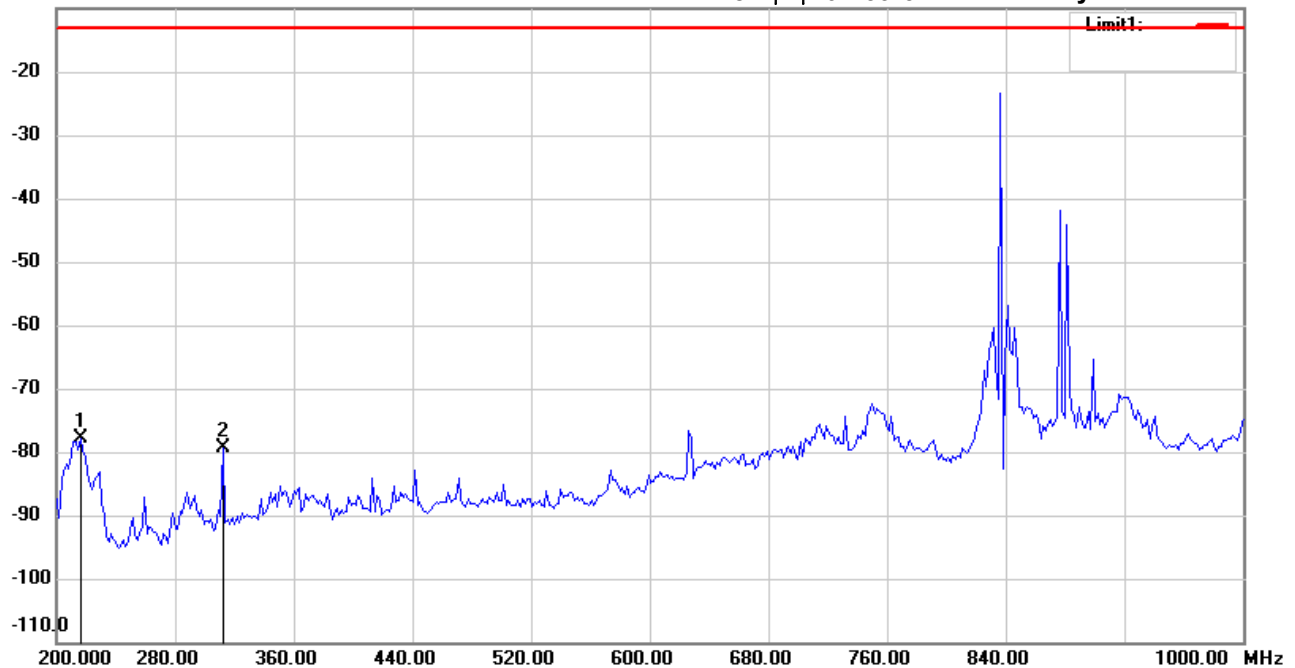
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 04:39:37

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	216.0321	-64.41	peak	-13.44	-77.85	-13.00	150	110	-64.85	
	312.2243	-70.83	peak	-8.45	-79.28	-13.00	150	185	-66.28	

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



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Radiated Emission Measurement

Operator: Kent

File :2

Data :#2

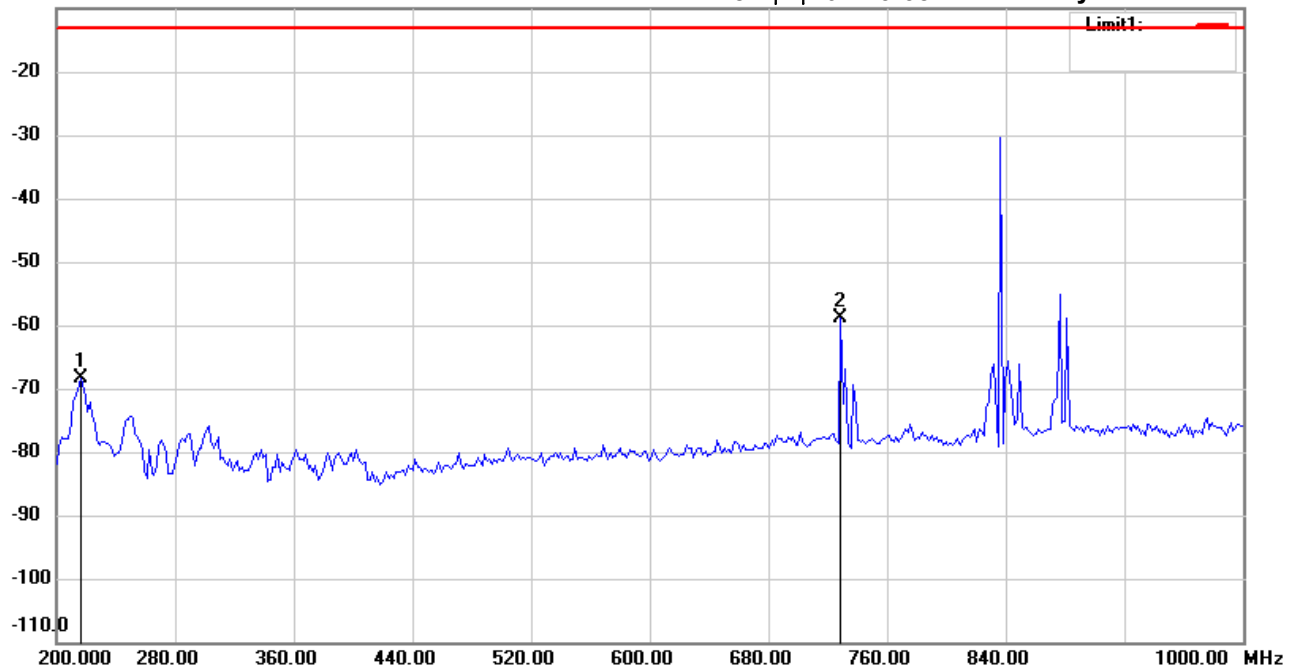
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 下午 04:43:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: **Vertical**

Power : 120 Va.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
	216.0321	-54.94	peak	-13.35	-68.29	-13.00	150	110	-55.29	
*	729.0581	-57.46	peak	-1.36	-58.82	-13.00	150	245	-45.82	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

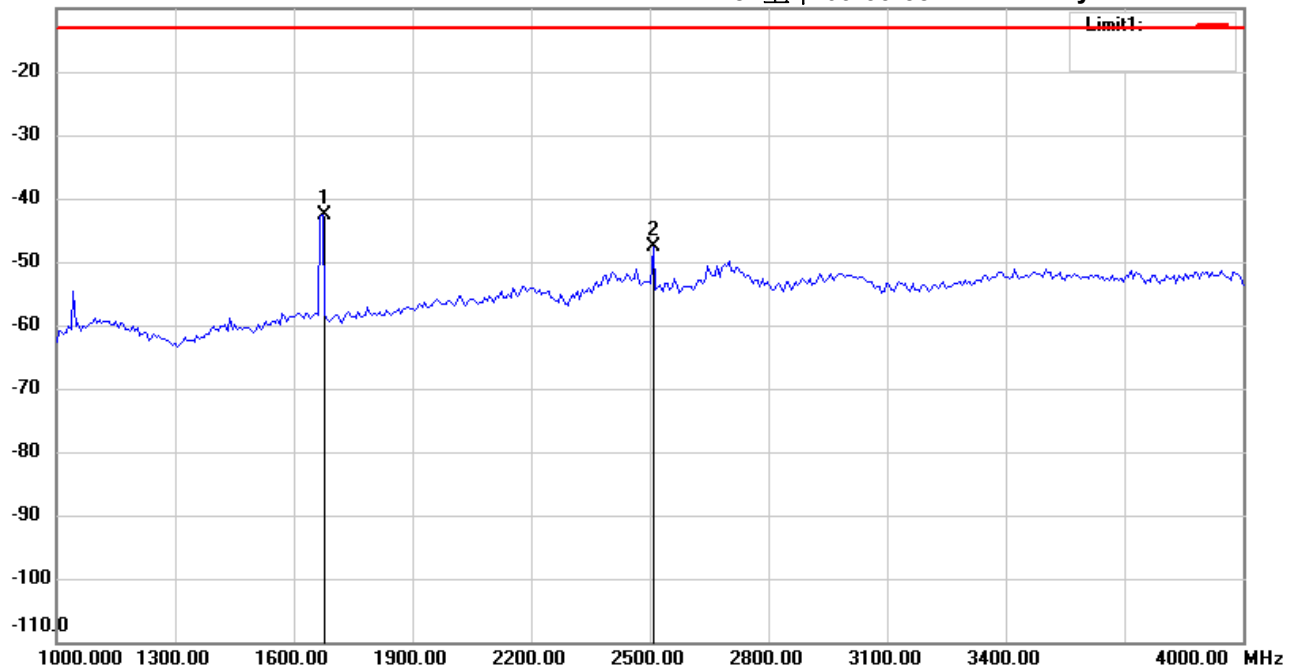
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:33:58

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: *Horizontal*

Power : 120 Va.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	-45.41	peak	2.78	-42.63	-13.00	150	305	-29.63	
	2509.018	-55.58	peak	7.85	-47.73	-13.00	150	160	-34.73	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #4

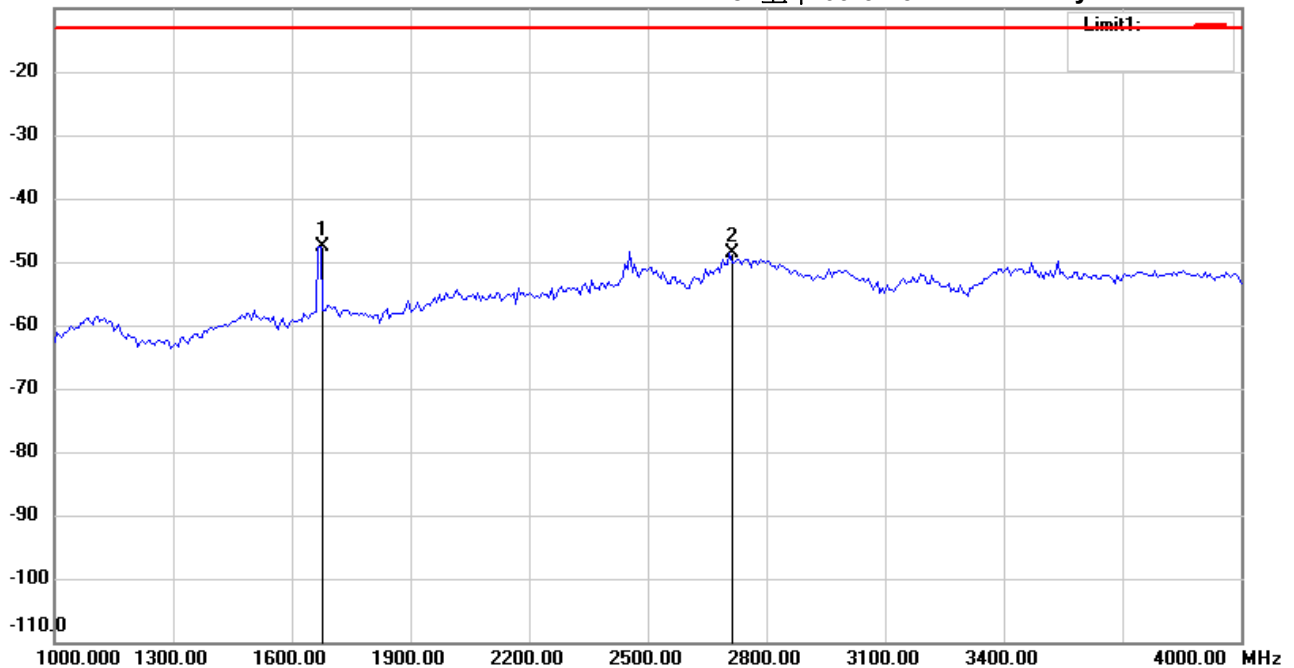
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:37:37

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: *Vertical*

Power : 120 Va.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	-51.42	peak	3.84	-47.58	-13.00	150	185	-34.58	
	2707.415	-60.77	peak	12.09	-48.68	-13.00	150	220	-35.68	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #2

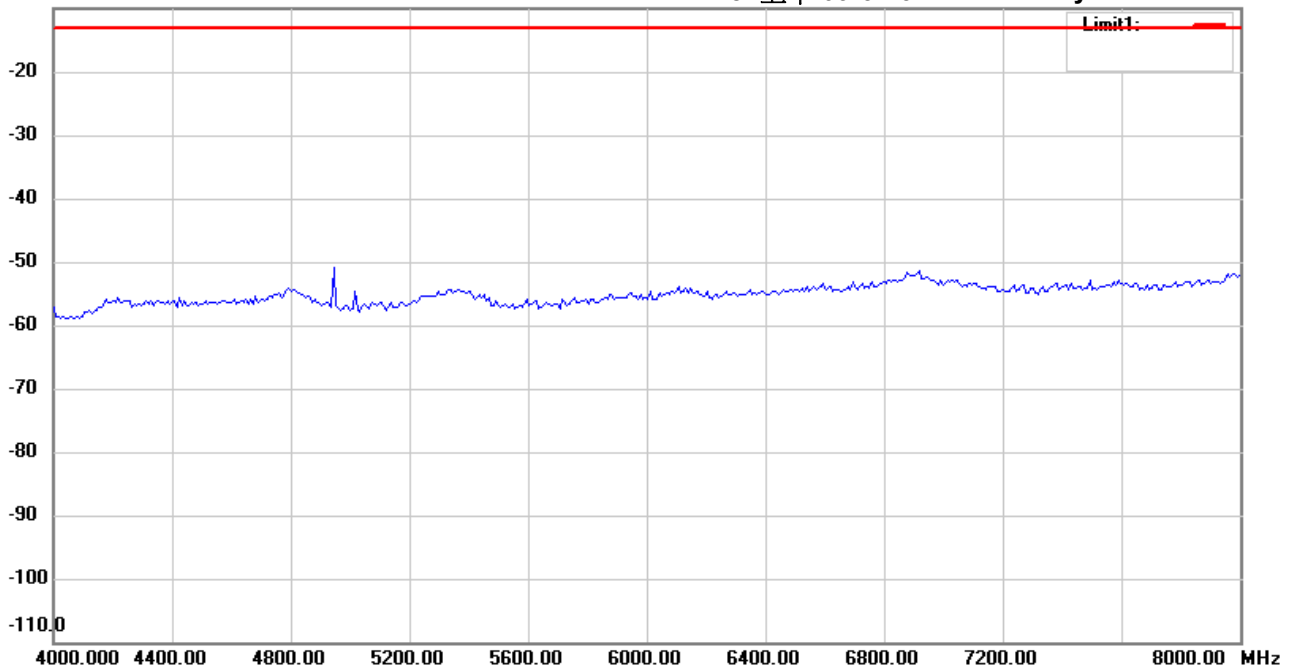
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:34:37

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File :3

Data :#5

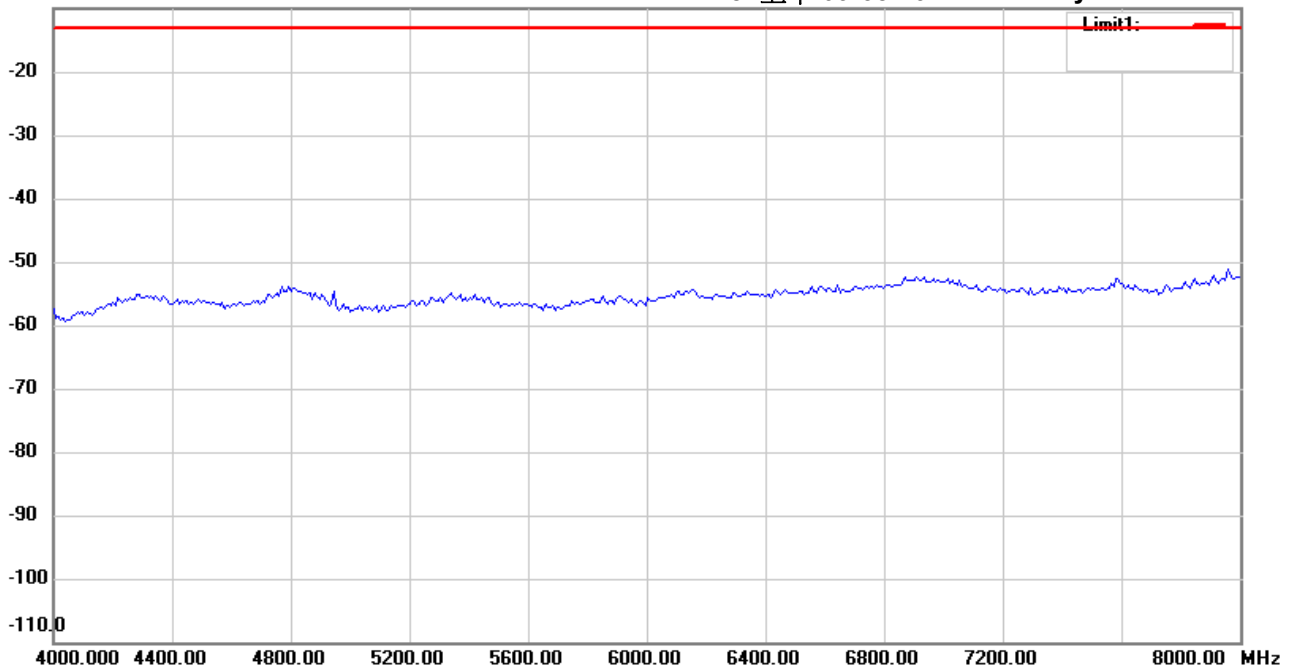
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:38:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #3

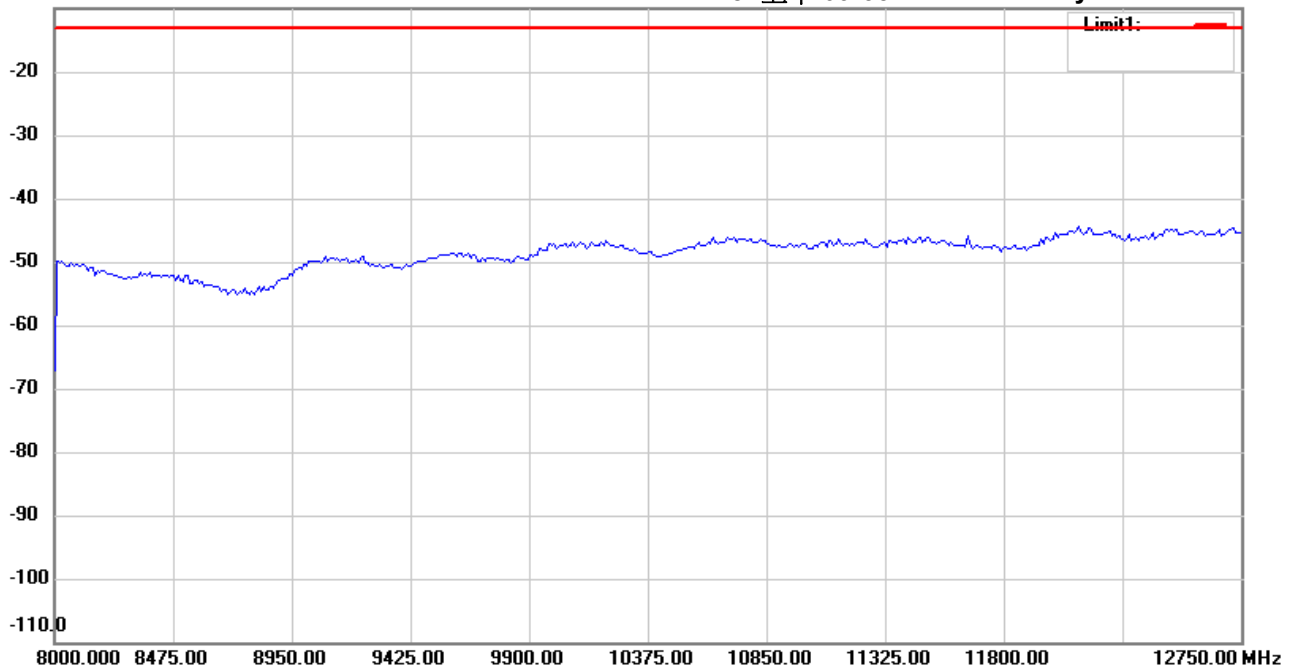
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:35:22

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: *Horizontal*

Power : 120 Va.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
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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #6

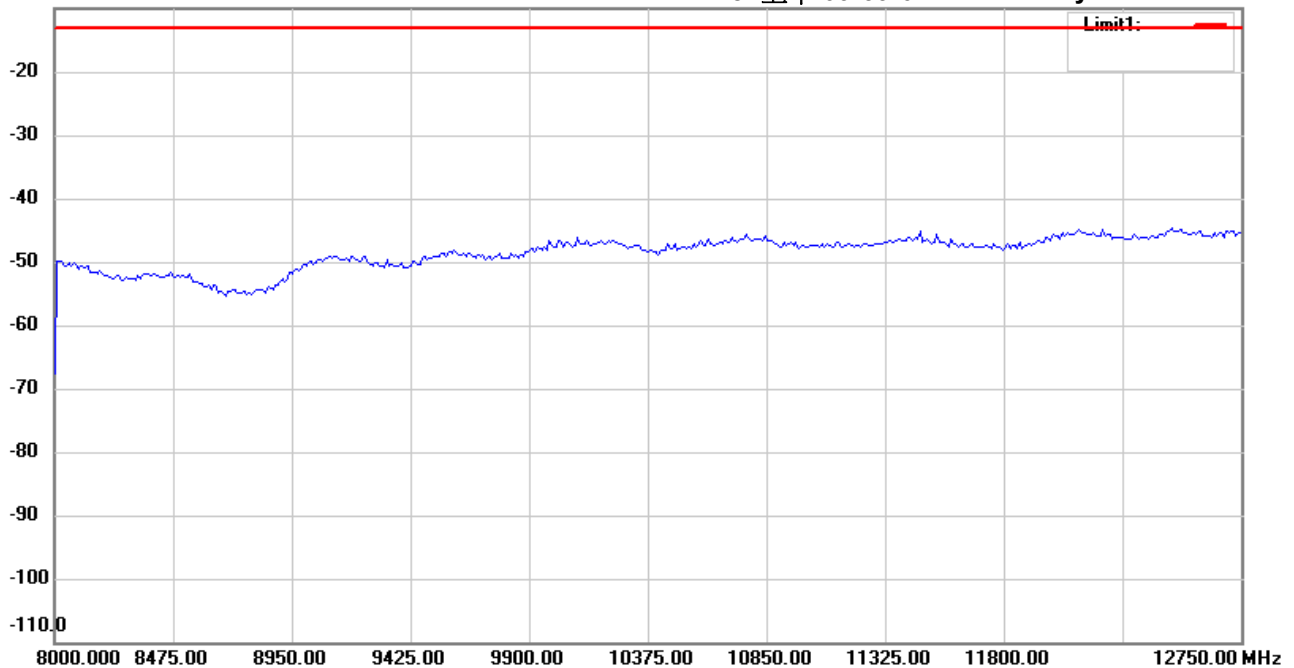
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:39:04

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH188

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :1

Data :#1

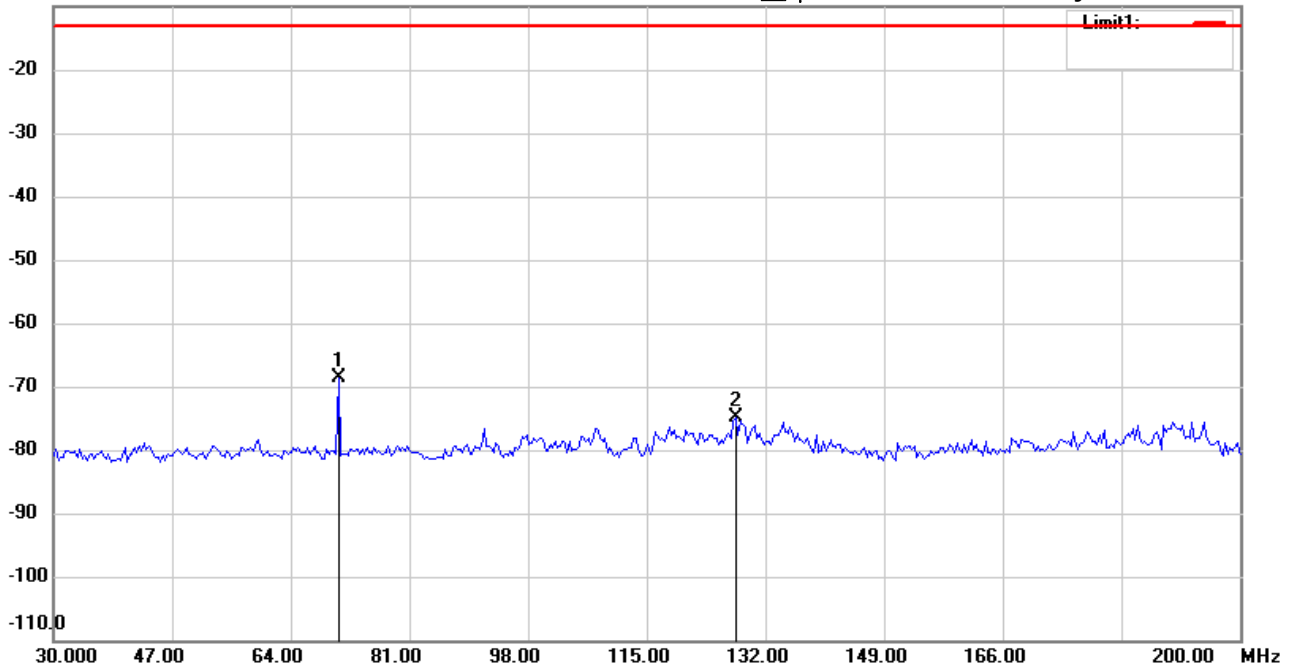
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:05:06

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	70.8818	-92.71	peak	23.98	-68.73	-13.00	150	245	-55.73	
	127.7756	-97.12	peak	22.29	-74.83	-13.00	150	110	-61.83	

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



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Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

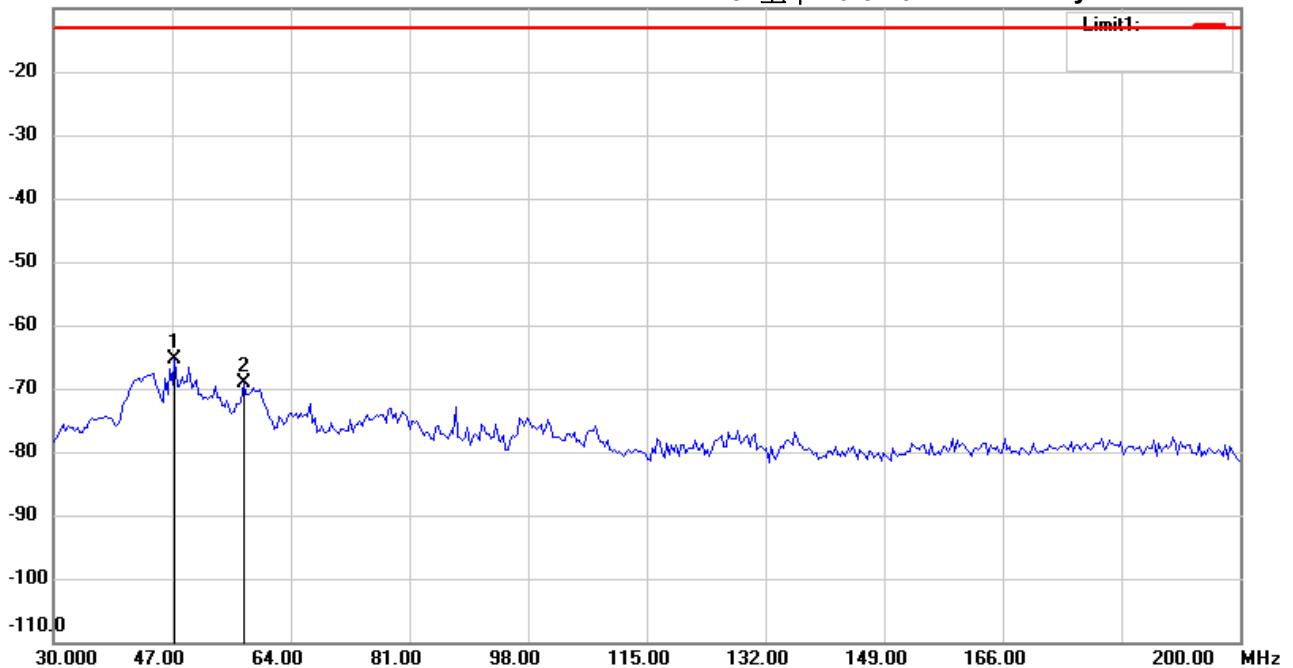
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:31:37

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	47.3747	-88.88	peak	23.43	-65.45	-13.00	150	245	-52.45	
	57.2545	-93.10	peak	23.90	-69.20	-13.00	150	110	-56.20	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #1

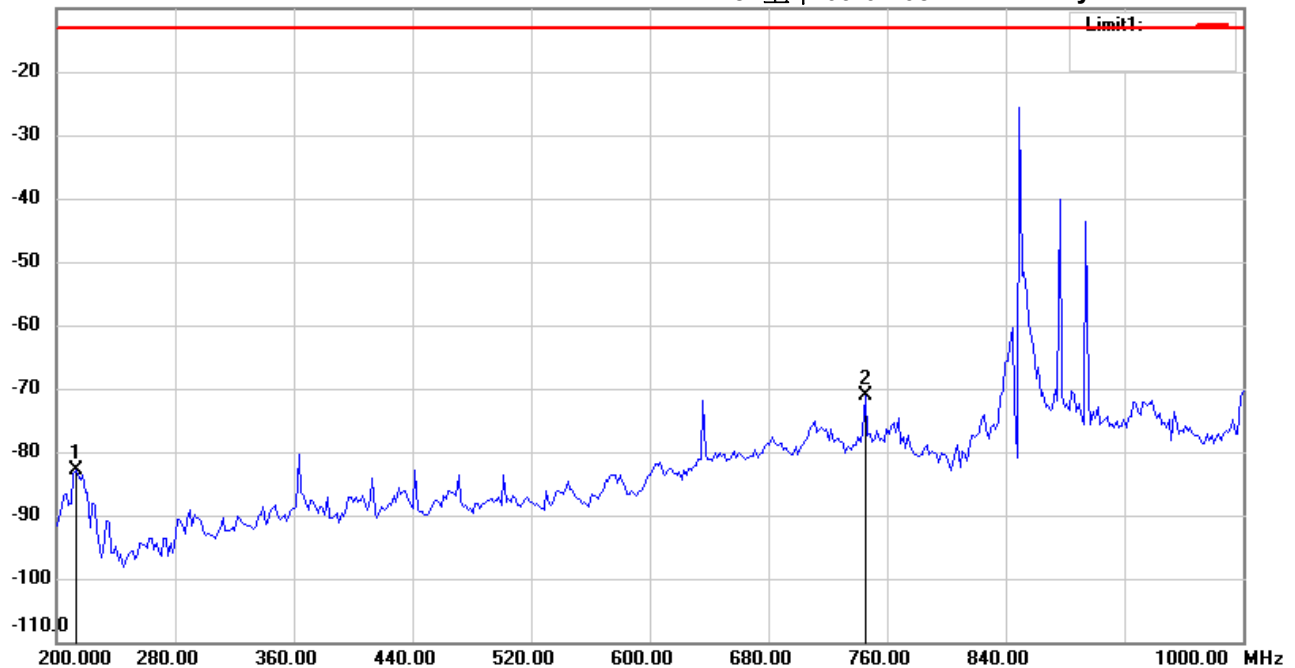
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:04:08

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	212.8257	-69.36	peak	-13.48	-82.84	-13.00	150	110	-69.84	
*	745.0902	-68.68	peak	-2.52	-71.20	-13.00	150	245	-58.20	

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



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Radiated Emission Measurement

Operator: Kent

File :2

Data :#2

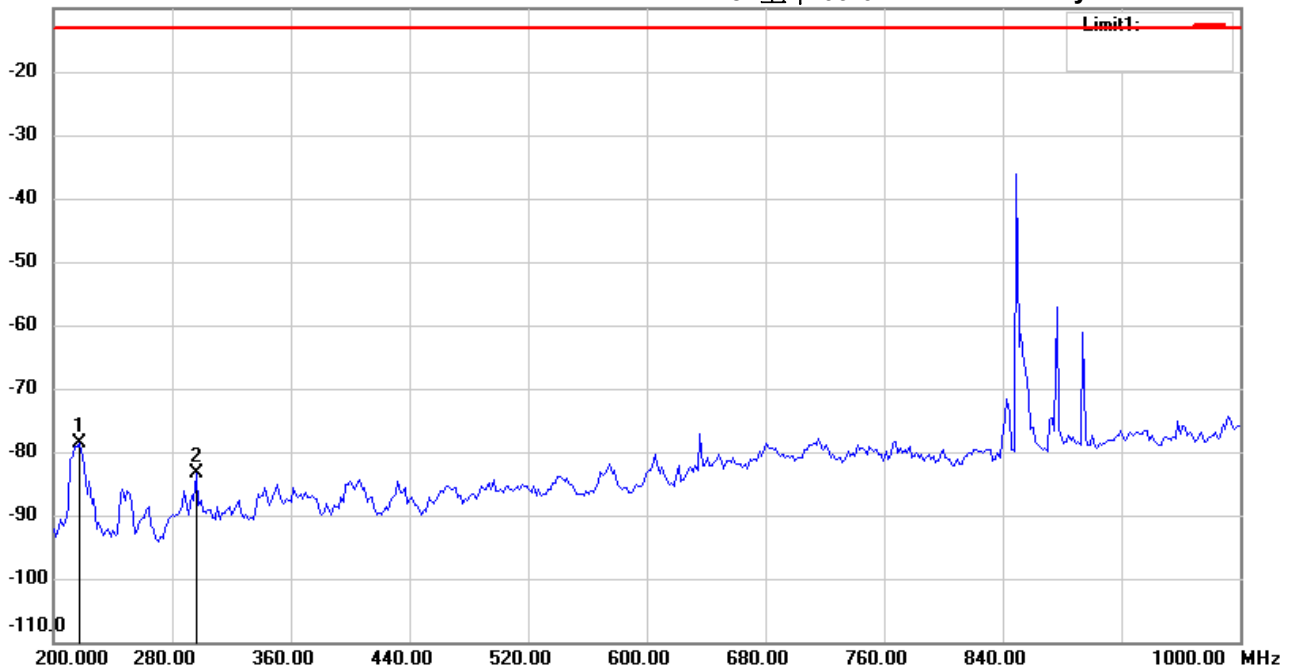
Date: 2016/10/14

Temperature:24 °C

-10.0 dBm

Time: 上午 09:07:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: **Vertical**

Power : 120 Va.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
*	217.6353	-65.35	peak	-13.30	-78.65	-13.00	150	220	-65.65	
	296.1923	-77.21	peak	-6.17	-83.38	-13.00	150	140	-70.38	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

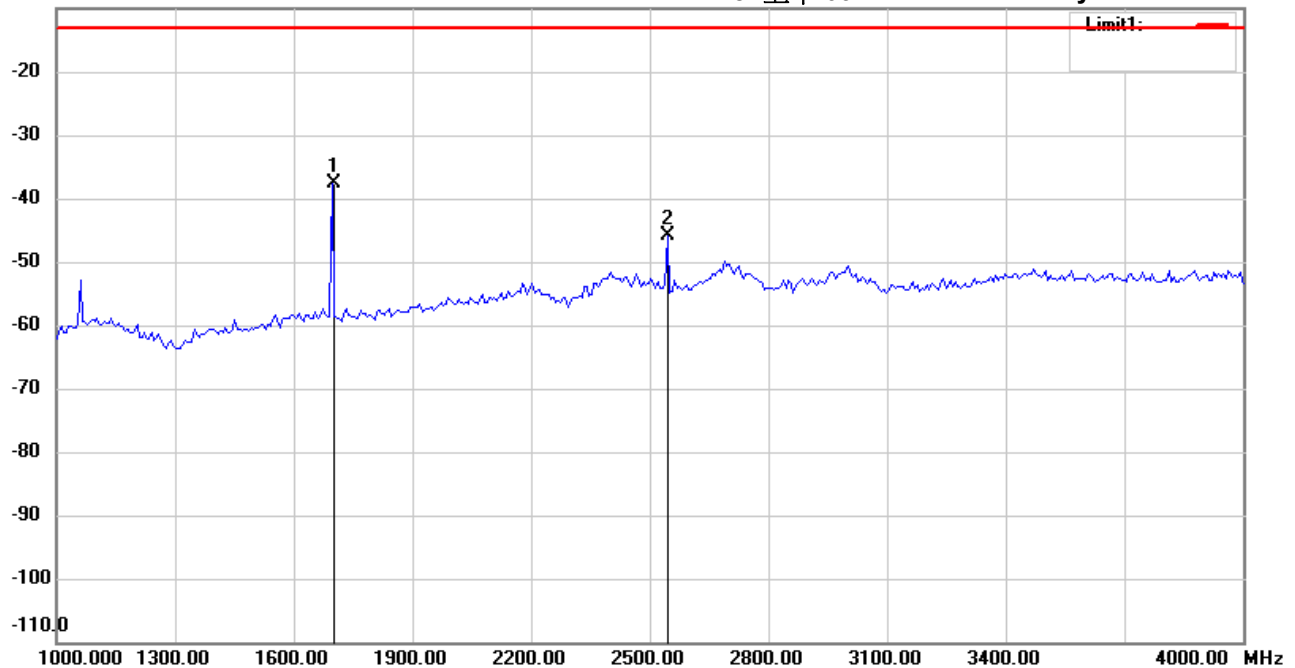
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:41:47

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Horizontal*

Power : 120 Va.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	-40.33	peak	2.80	-37.53	-13.00	150	220	-24.53	
	2545.090	-53.66	peak	7.77	-45.89	-13.00	150	160	-32.89	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #4

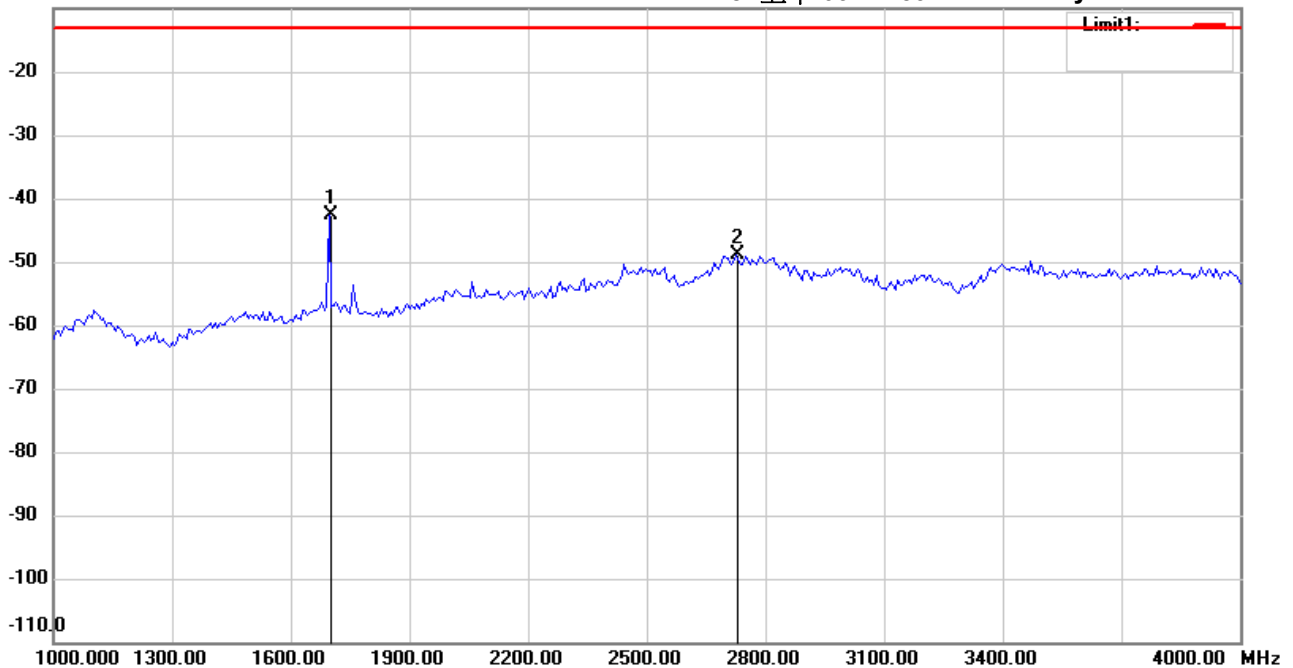
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:44:59

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: **Vertical**

Power : 120 Va.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	-46.97	peak	4.44	-42.53	-13.00	150	220	-29.53	
	2725.451	-61.06	peak	12.08	-48.98	-13.00	150	305	-35.98	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#2

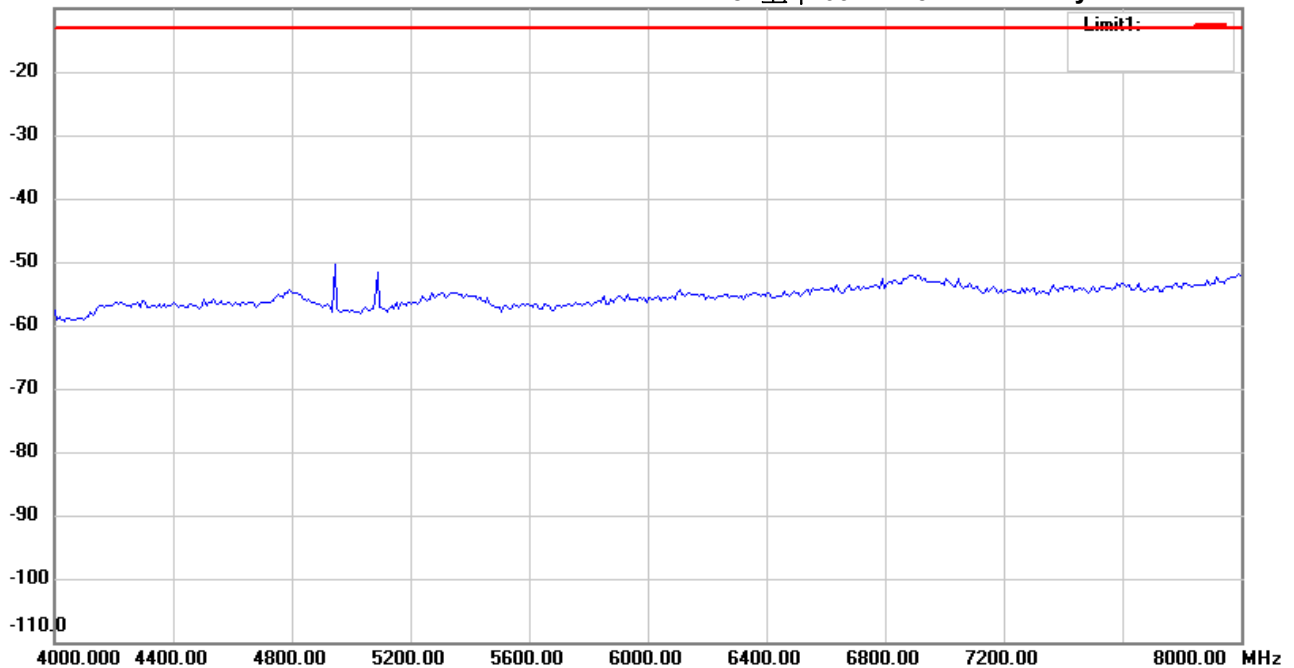
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 上午 09:42:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File :3

Data :#5

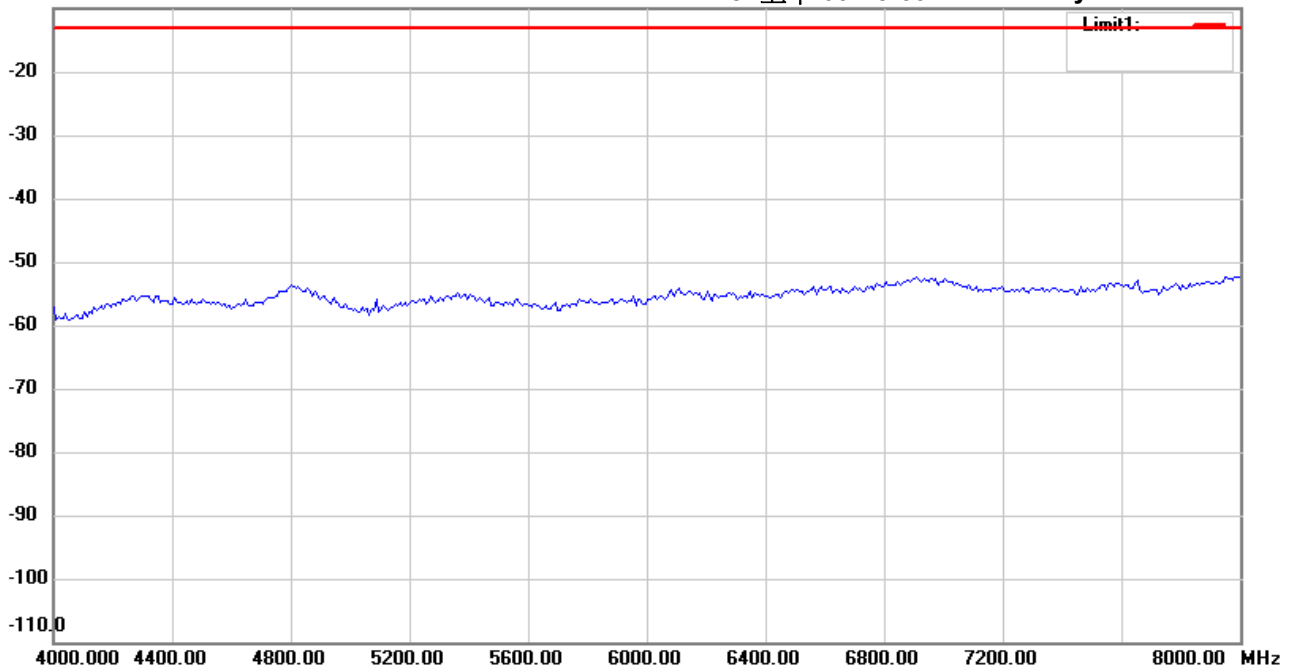
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:45:39

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #3

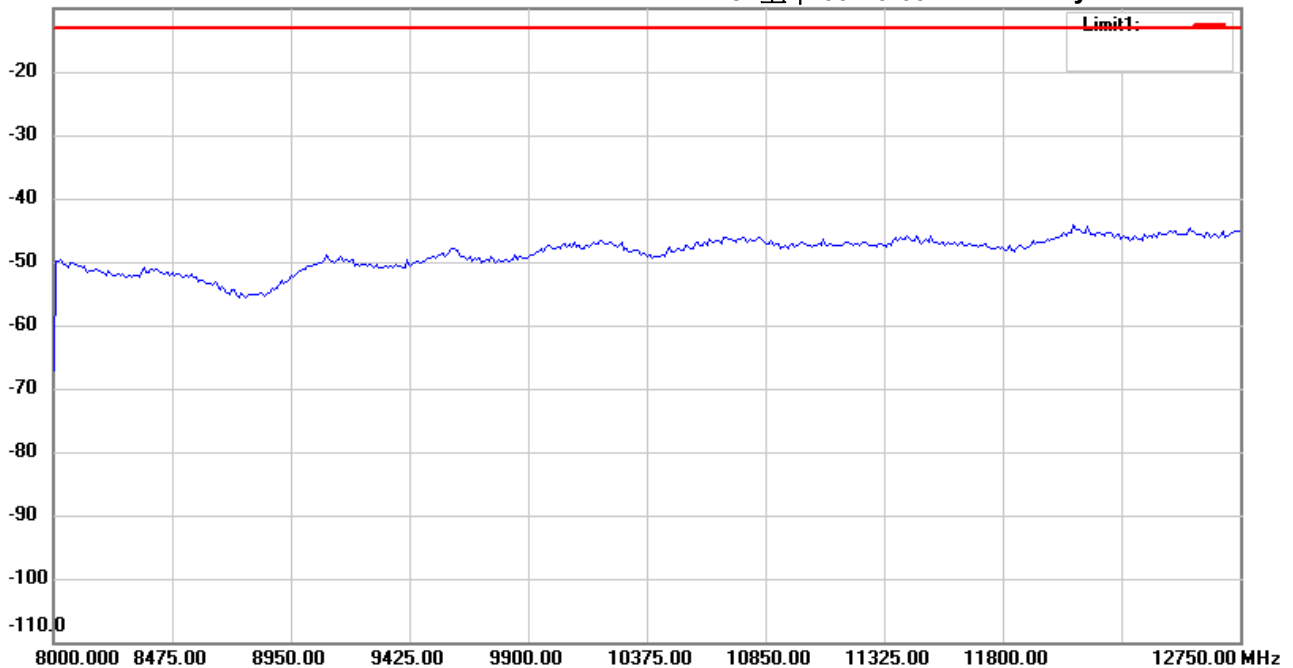
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:43:09

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Horizontal*

Power : 120 V.a.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: Kent

File : 3

Data : #6

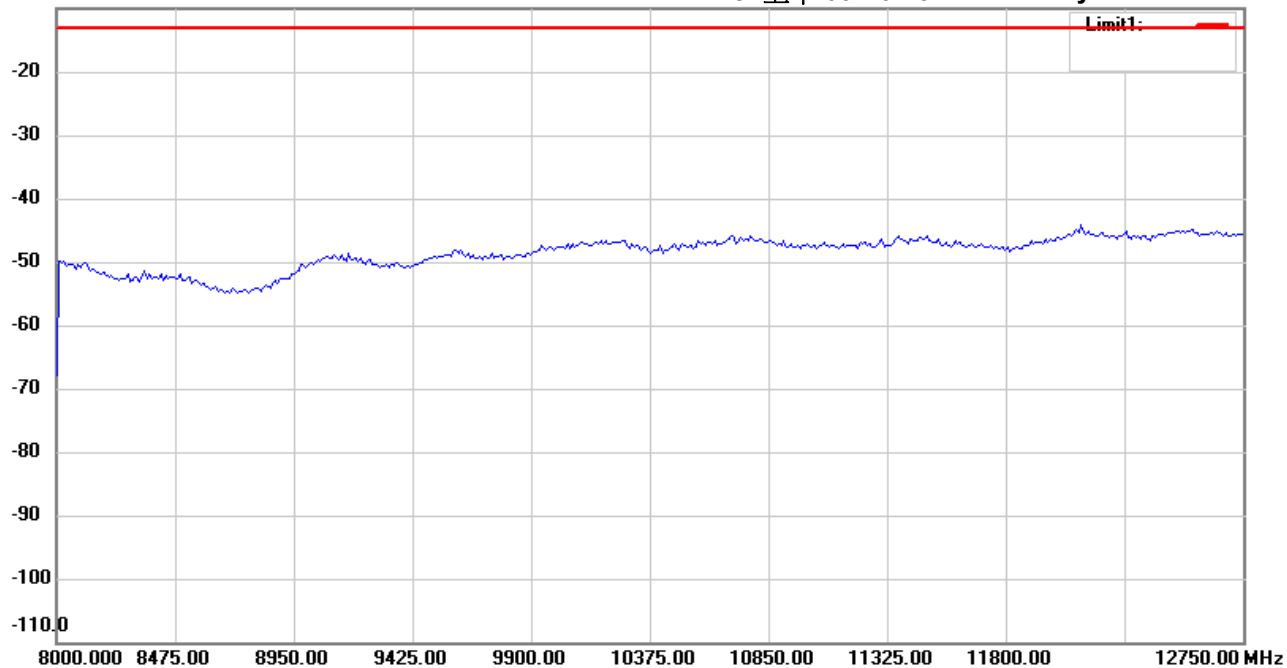
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:46:23

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE GSM850 CH251

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :1

Data :#1

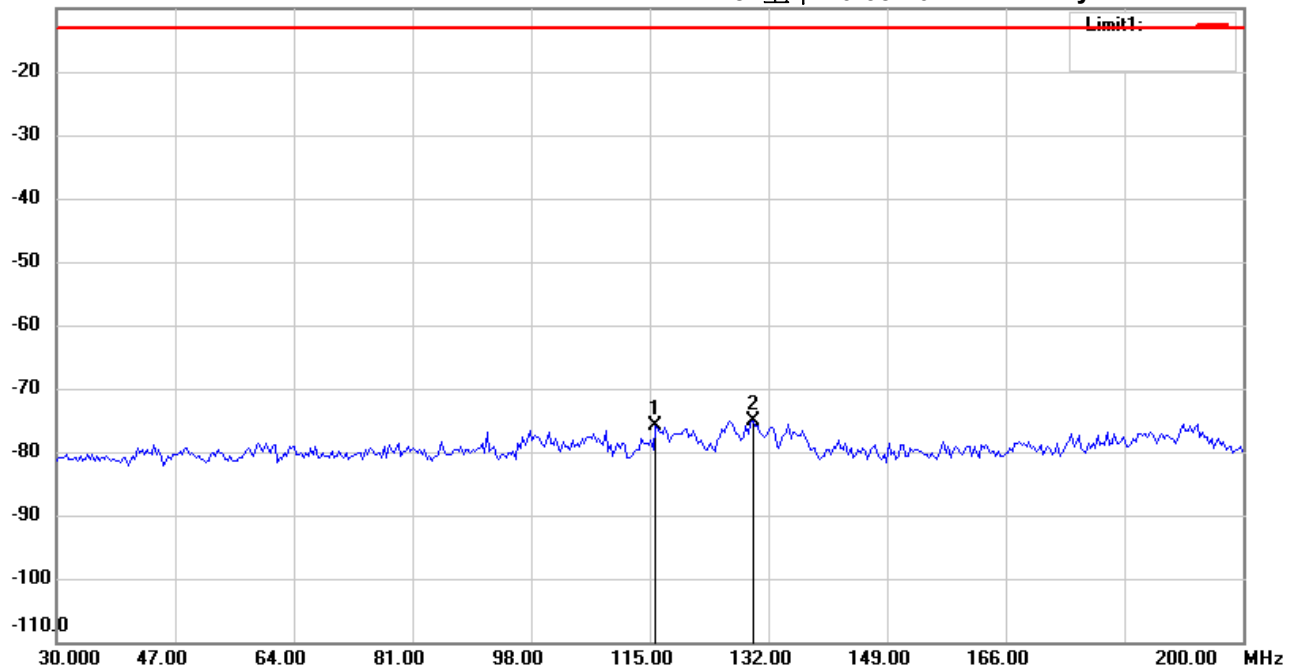
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:38:40

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	115.8517	-98.57	peak	22.61	-75.96	-13.00	150	145	-62.96	
*	129.8196	-97.42	peak	22.28	-75.14	-13.00	150	220	-62.14	

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



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Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

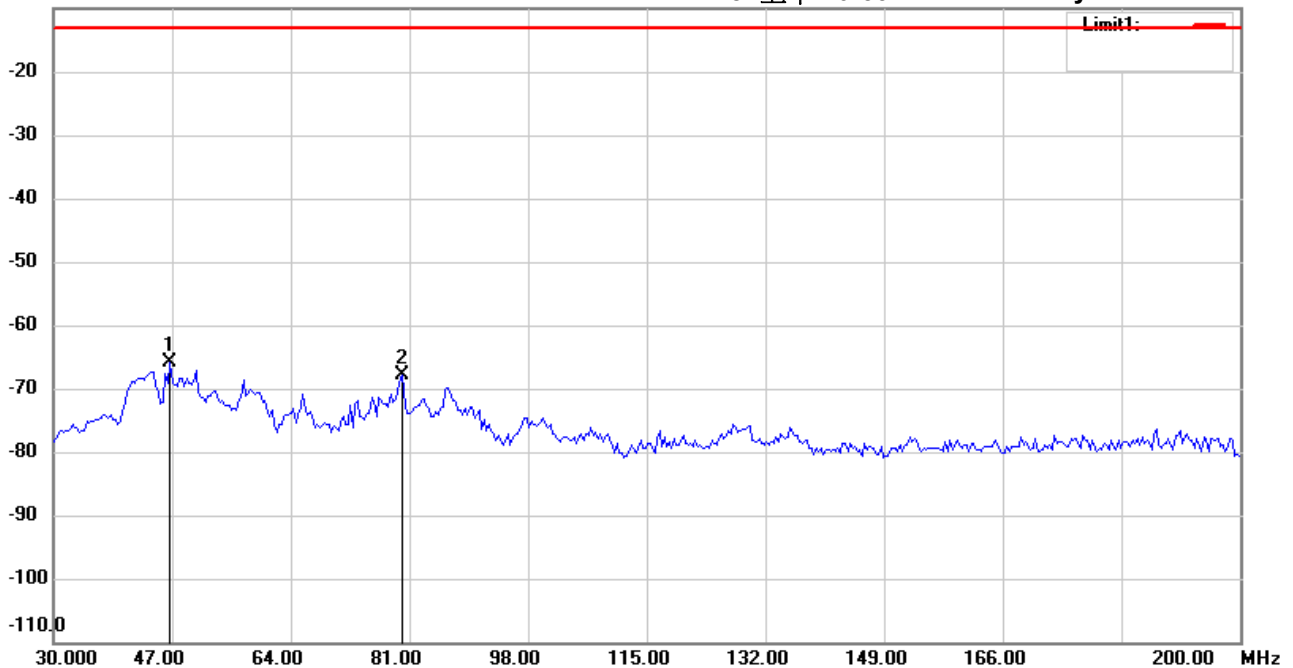
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:53:24

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Vertical*

Power : 120 Va.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	-89.36	peak	23.43	-65.93	-13.00	150	245	-52.93	
	80.0802	-91.77	peak	23.83	-67.94	-13.00	150	110	-54.94	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #1

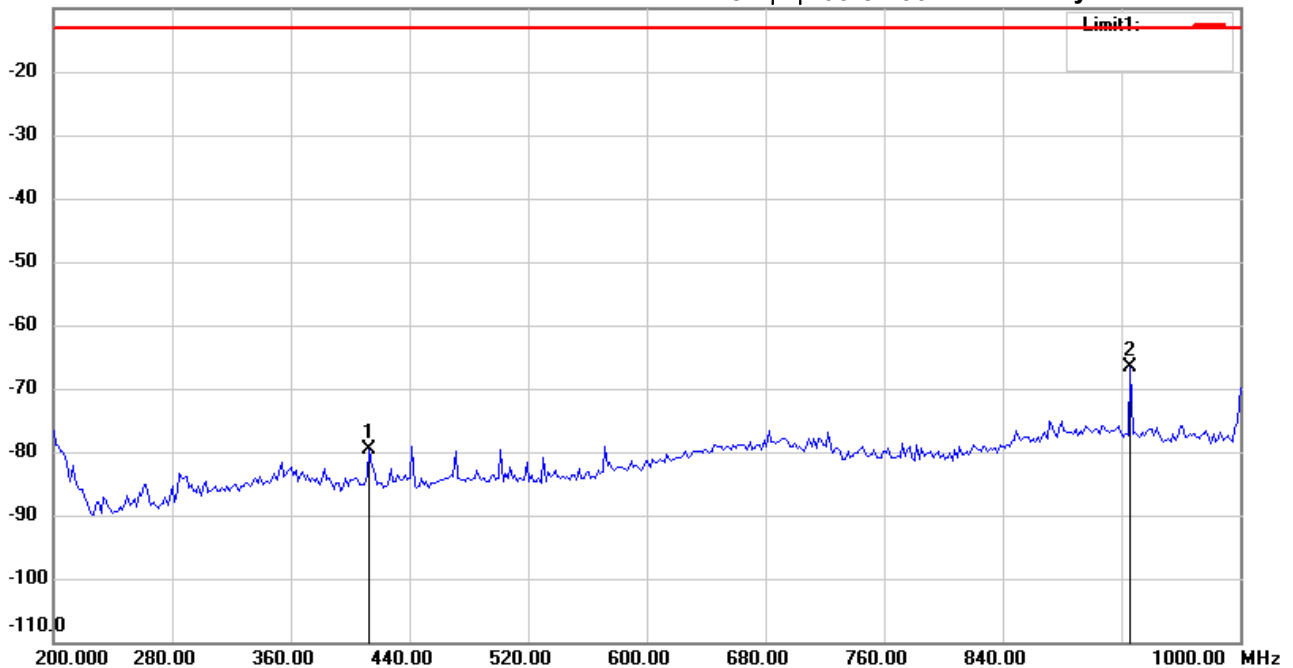
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 03:54:36

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	413.2265	-71.38	peak	-8.15	-79.53	-13.00	150	245	-66.53	
*	926.2525	-67.30	peak	0.68	-66.62	-13.00	150	110	-53.62	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #2

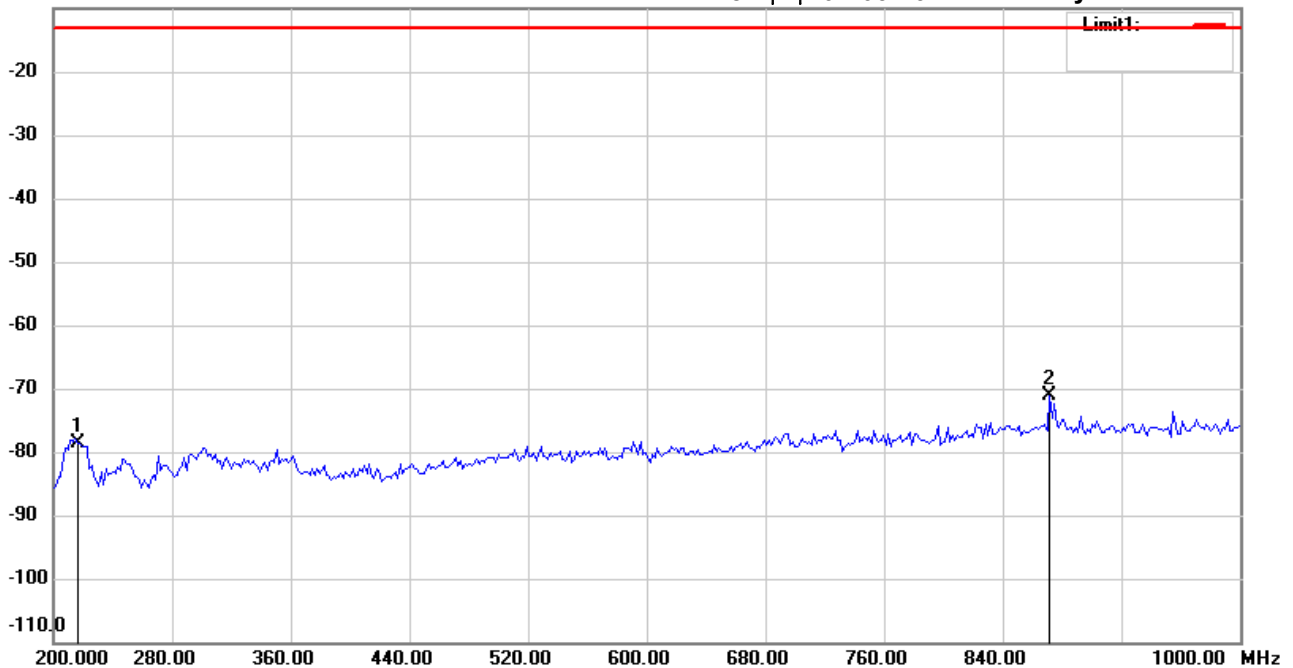
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 04:03:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: **Vertical**

Power : 120 Va.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
	216.0321	-65.22	peak	-13.35	-78.57	-13.00	150	195	-65.57	
*	871.7435	-71.46	peak	0.35	-71.11	-13.00	150	220	-58.11	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#1

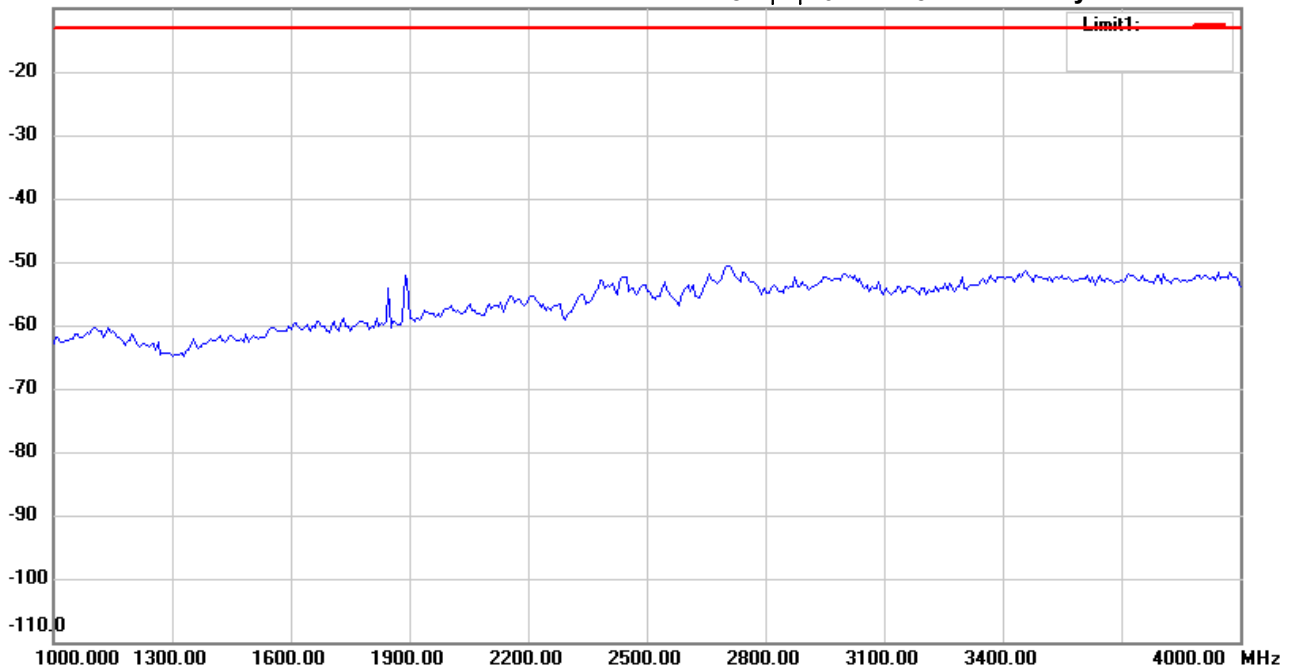
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 下午 01:27:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #6

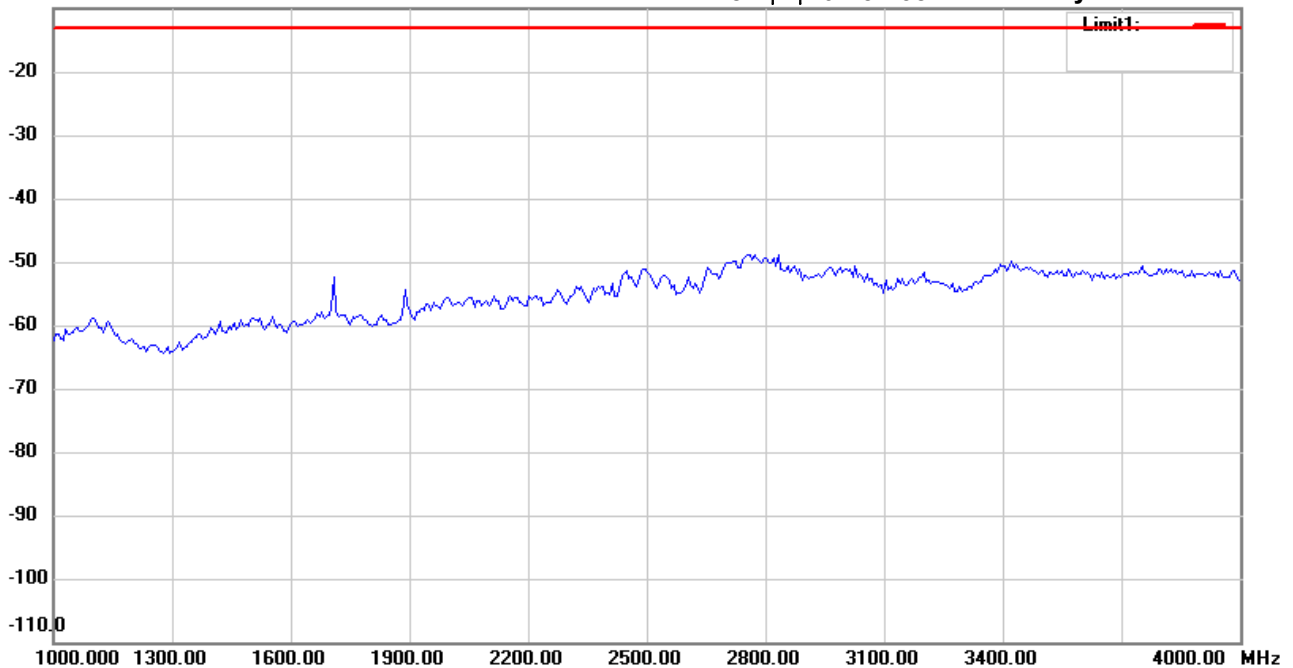
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:54:38

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #2

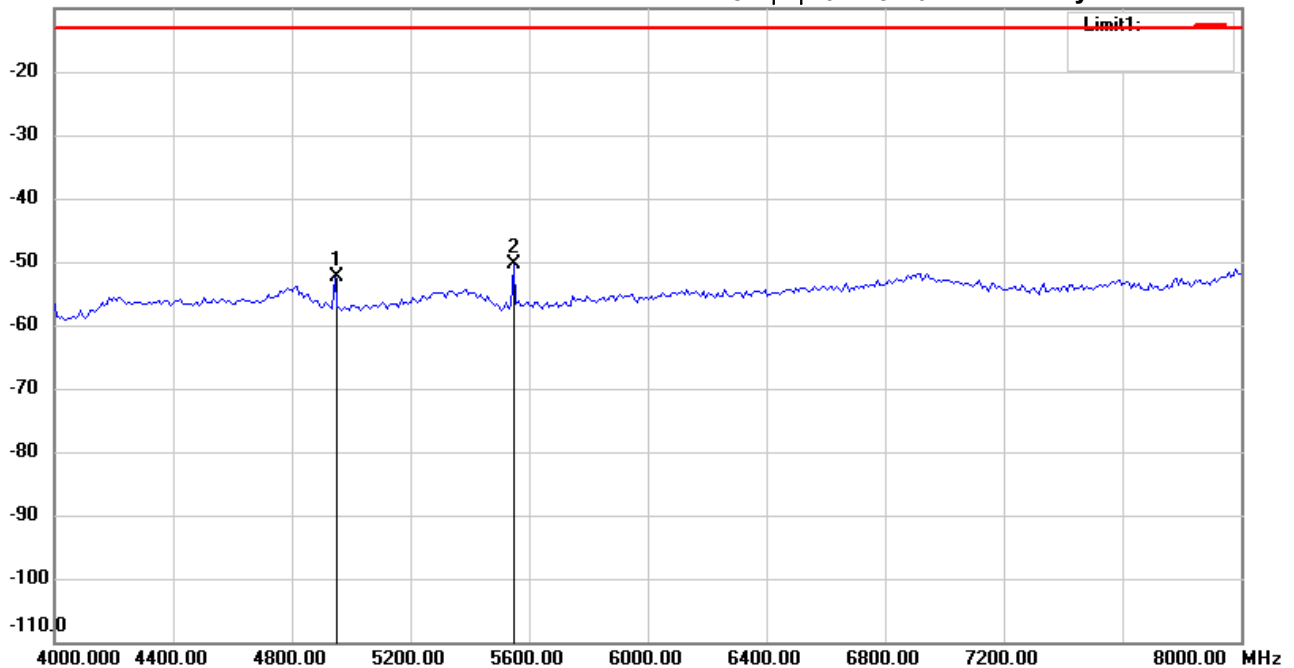
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:28:20

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	4945.892	-61.53	peak	9.15	-52.38	-13.00	150	245	-39.38	
*	5547.094	-61.36	peak	11.04	-50.32	-13.00	150	110	-37.32	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #7

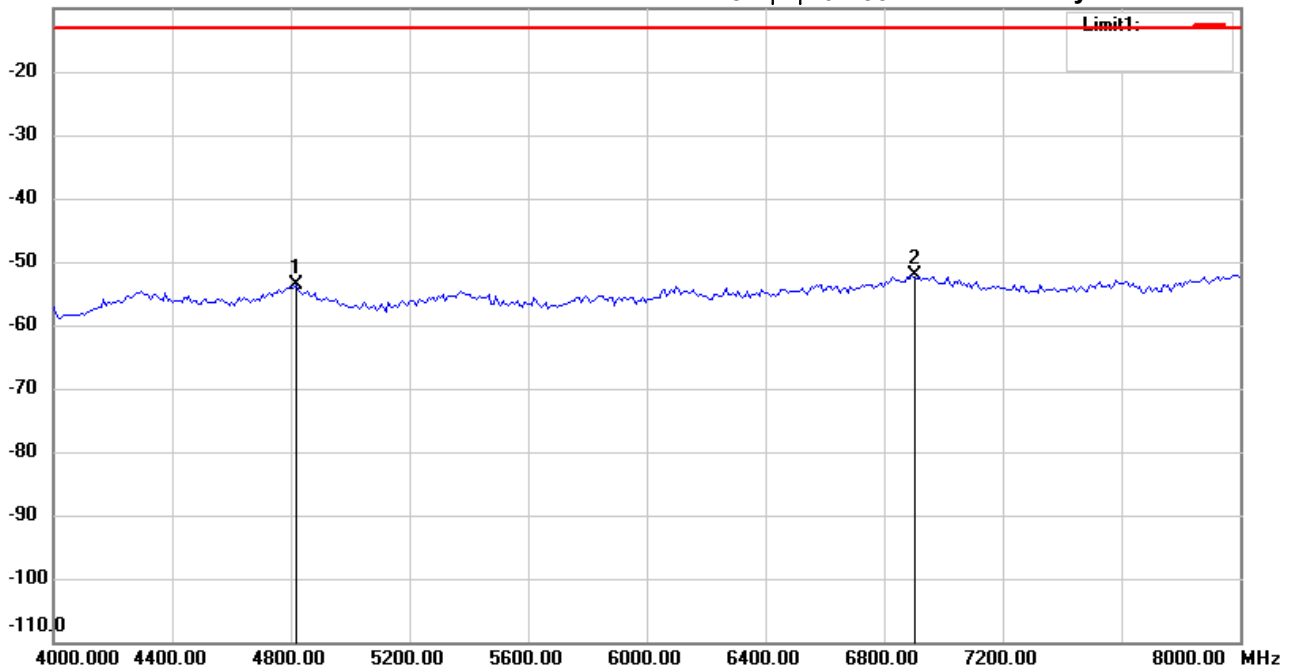
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:55:27

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Vertical*

Power : 120 Va.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
	4817.635	-65.63	peak	12.04	-53.59	-13.00	150	220	-40.59	
*	6893.788	-65.55	peak	13.48	-52.07	-13.00	150	185	-39.07	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #3

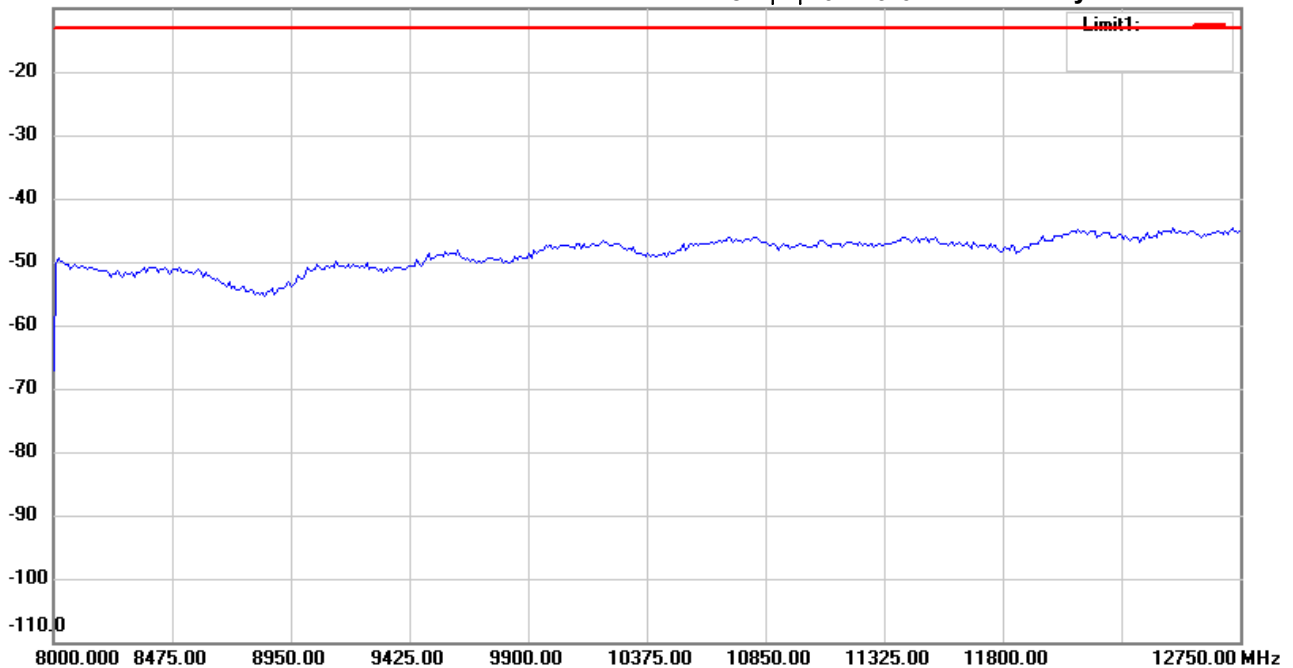
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:29:04

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #8

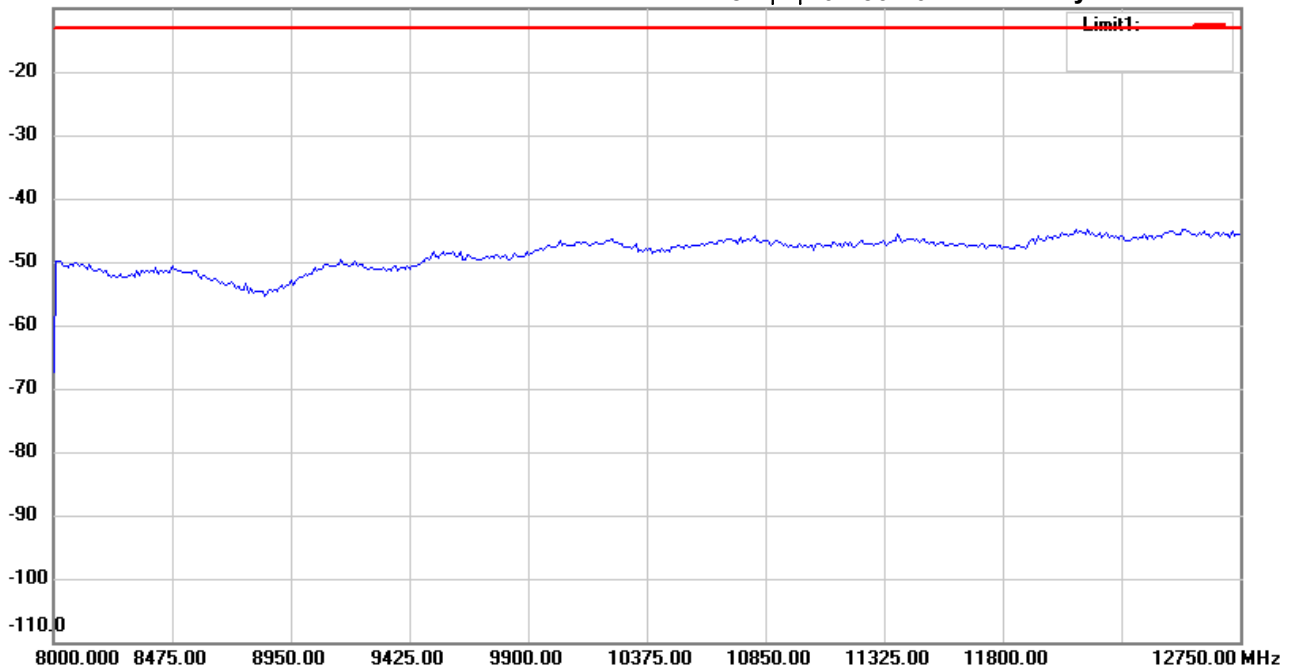
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:56:10

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #4

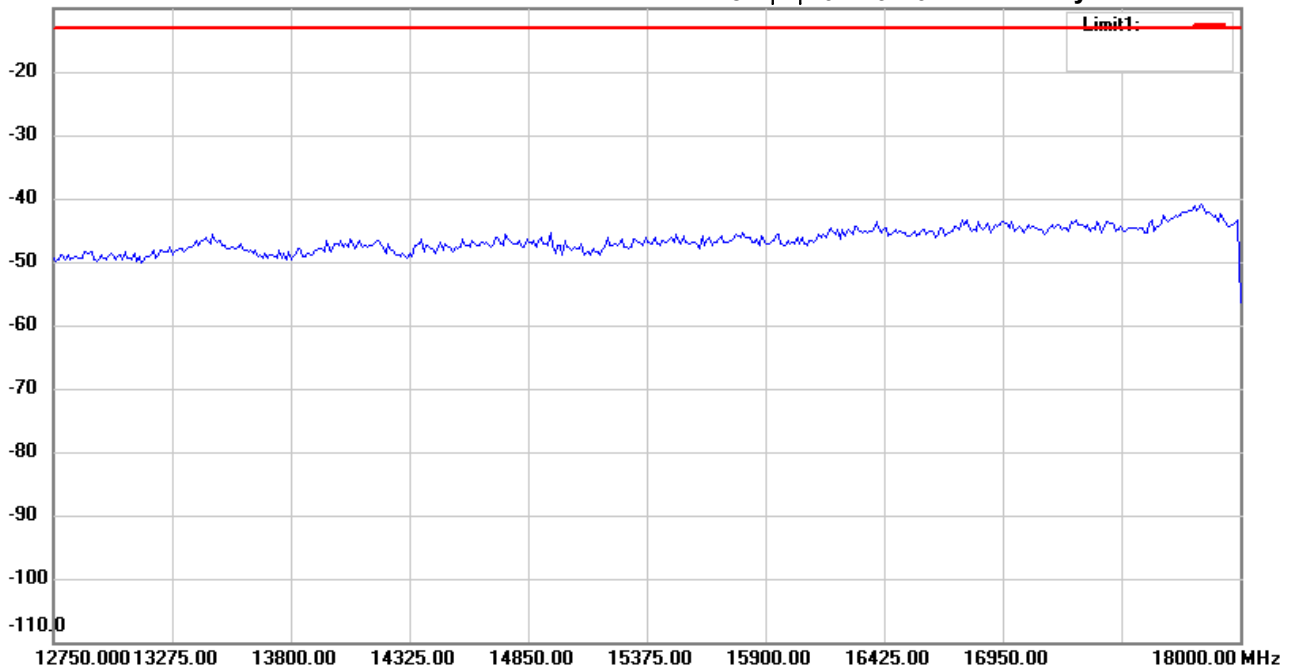
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:29:16

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File :3

Data :#9

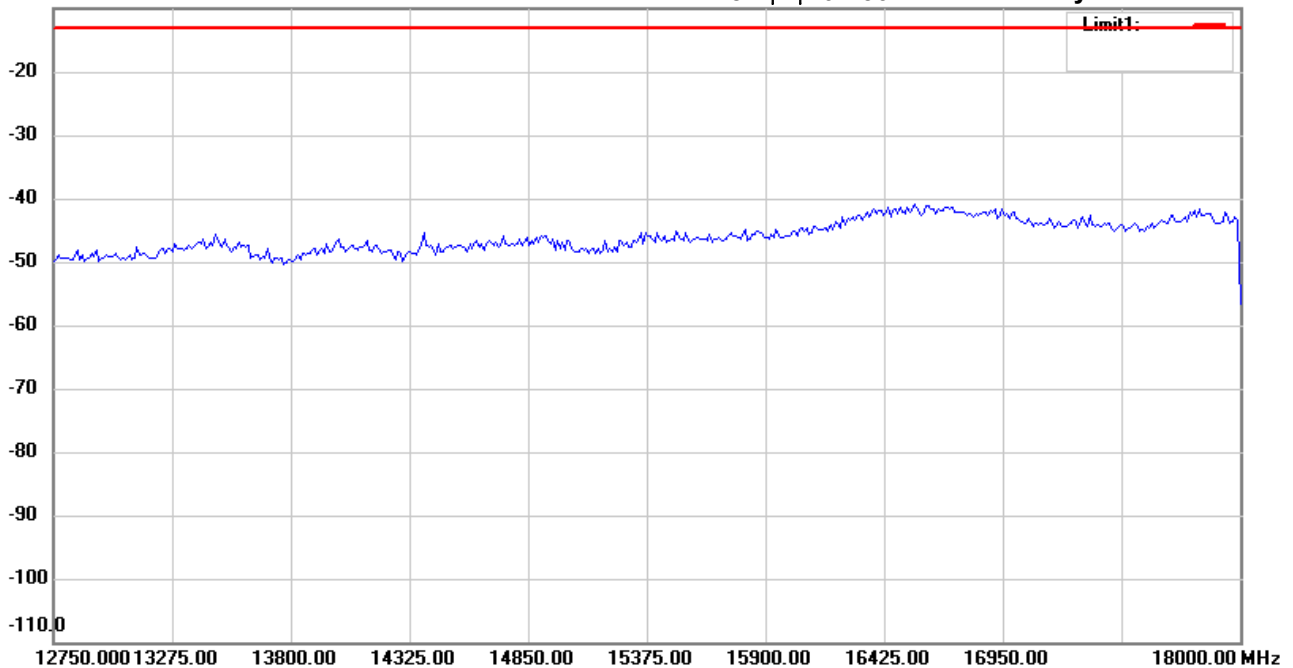
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 下午 01:56:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #5

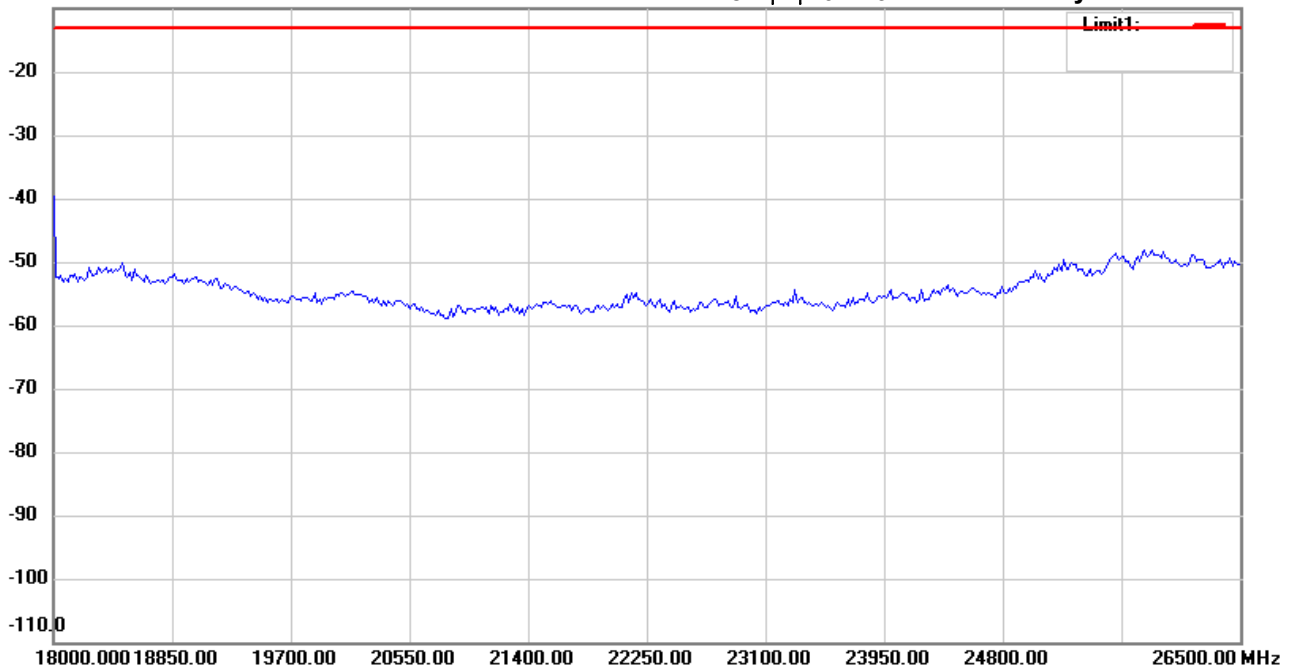
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:29:27

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #10

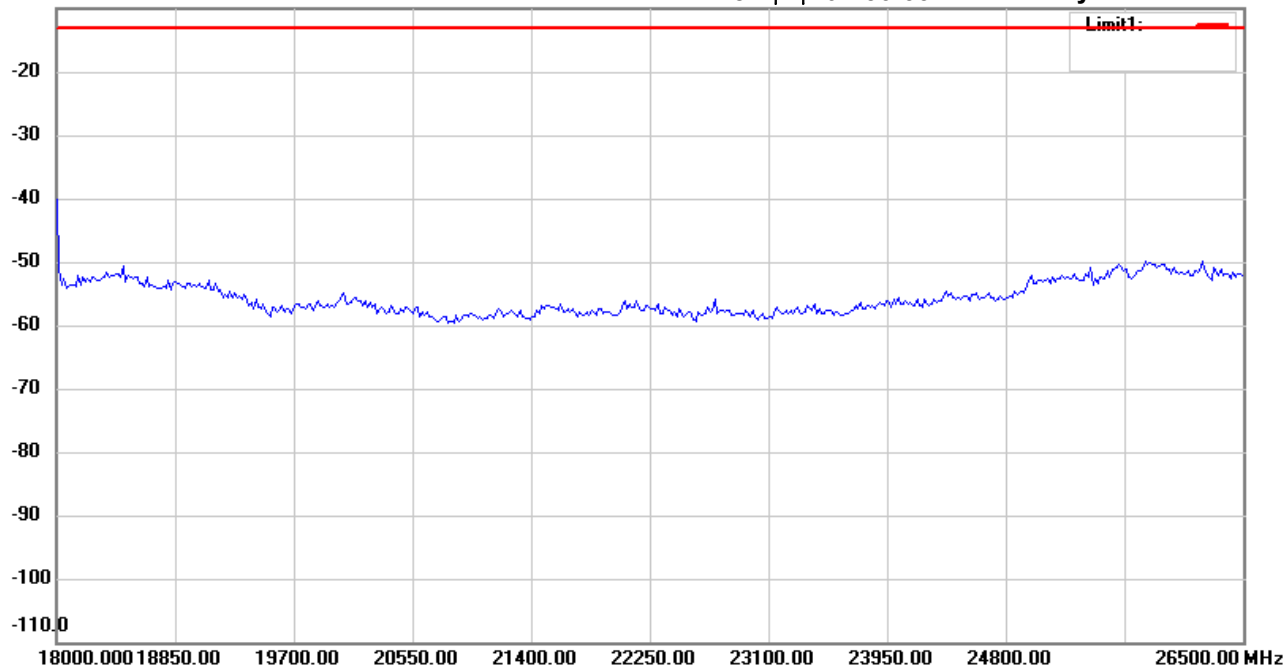
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:56:33

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH512

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :1

Data :#1

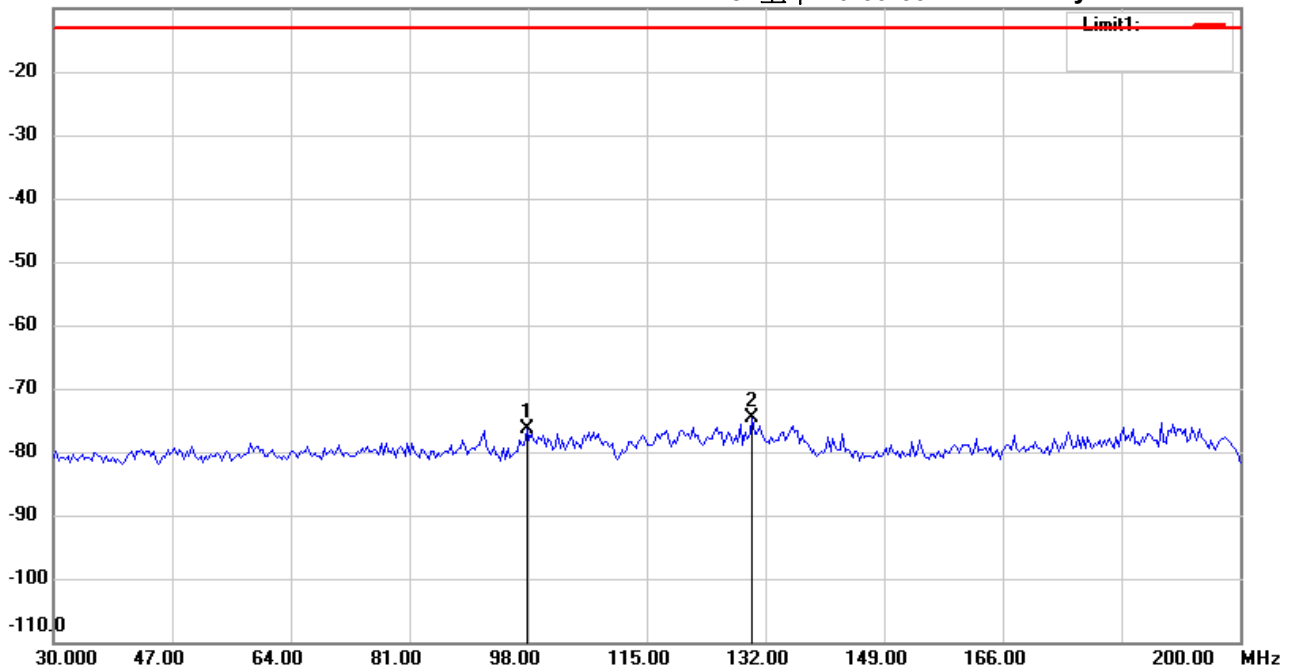
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:39:39

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	97.7956	-99.98	peak	23.64	-76.34	-13.00	150	220	-63.34	
*	130.1603	-96.93	peak	22.28	-74.65	-13.00	150	185	-61.65	

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



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Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

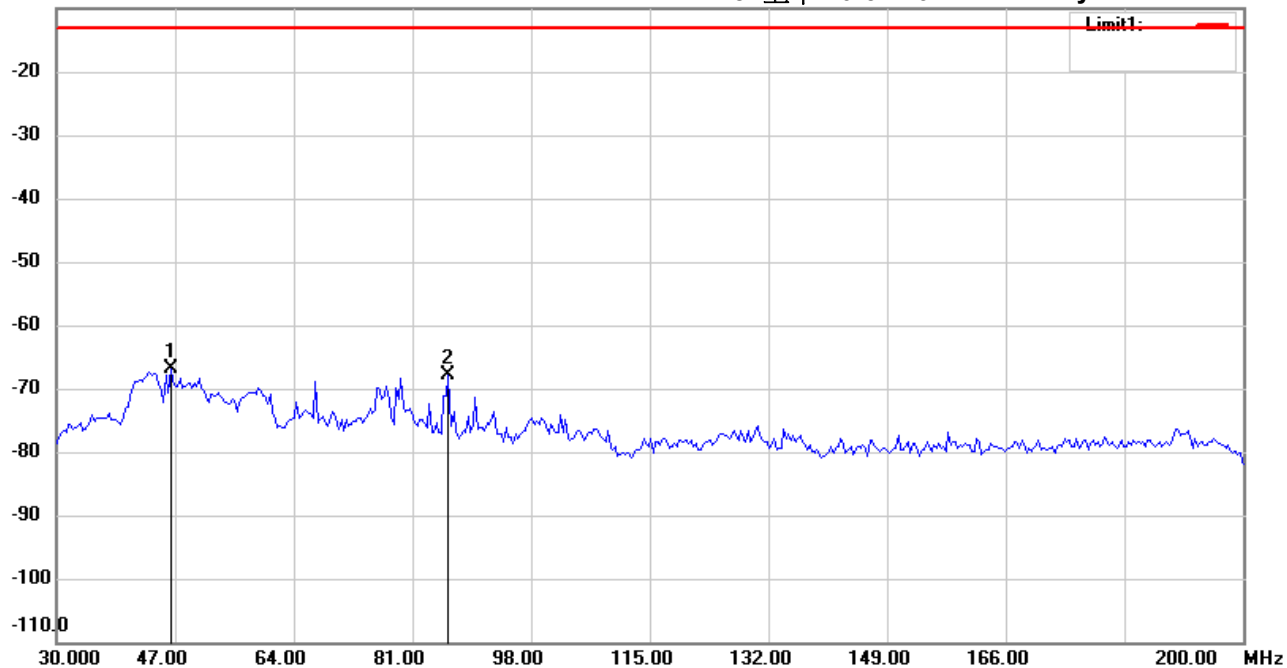
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:52:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Vertical*

Power : 120 Va.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	-90.38	peak	23.42	-66.96	-13.00	150	160	-53.96	
	86.2124	-91.72	peak	23.88	-67.84	-13.00	150	220	-54.84	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #1

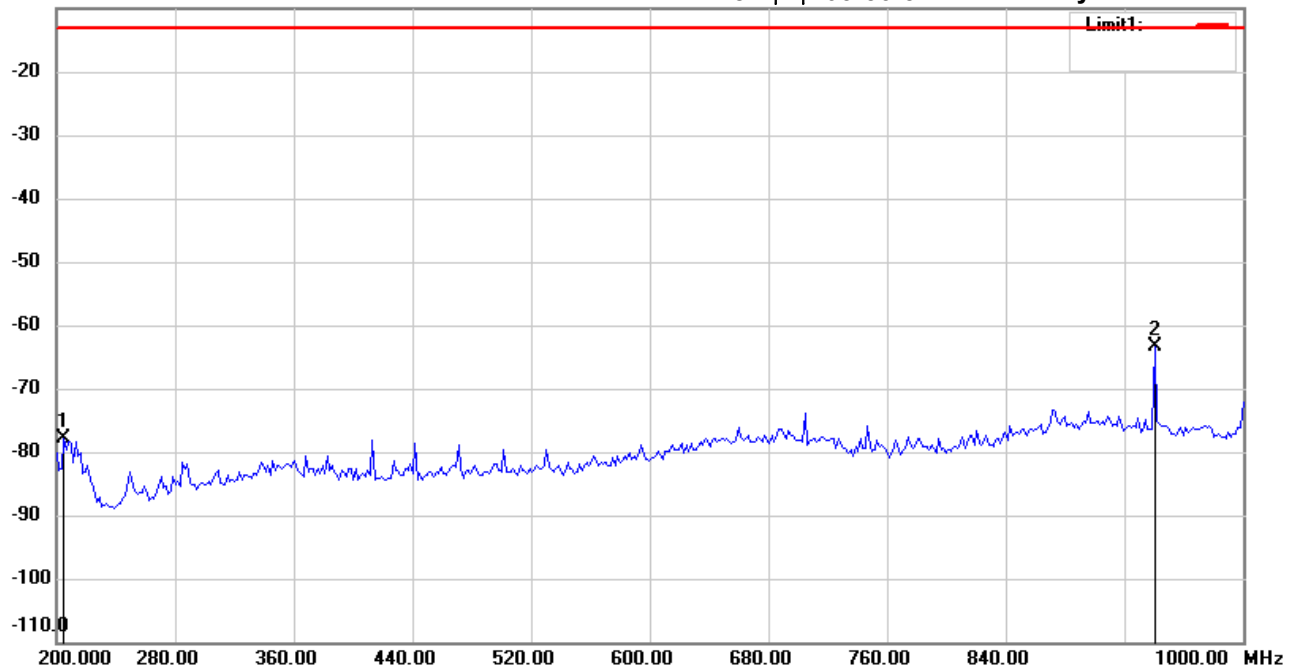
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 03:56:51

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	204.8096	-64.25	peak	-13.59	-77.84	-13.00	150	110	-64.84	
*	940.6814	-63.68	peak	0.25	-63.43	-13.00	150	245	-50.43	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #2

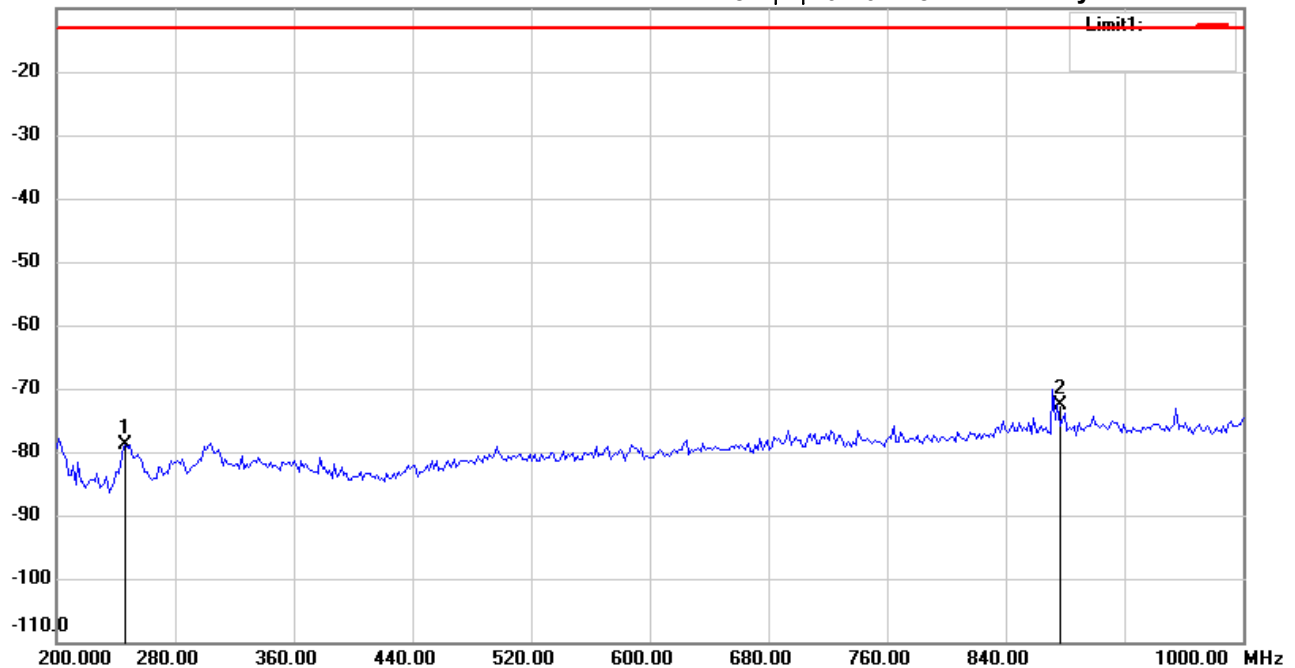
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 04:04:18

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: **Vertical**

Power : 120 Va.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
	246.4930	-68.54	peak	-10.22	-78.76	-13.00	150	140	-65.76	
*	874.9500	-73.08	peak	0.35	-72.73	-13.00	150	330	-59.73	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#1

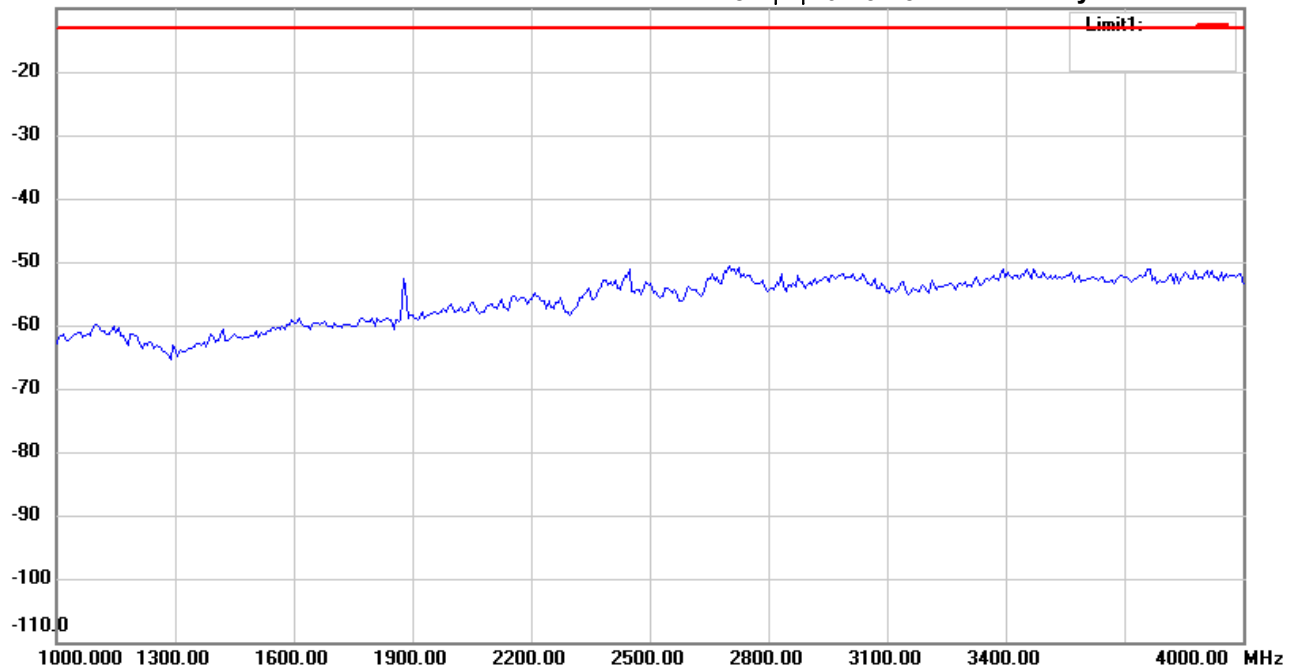
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 下午 01:31:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File :3

Data :#6

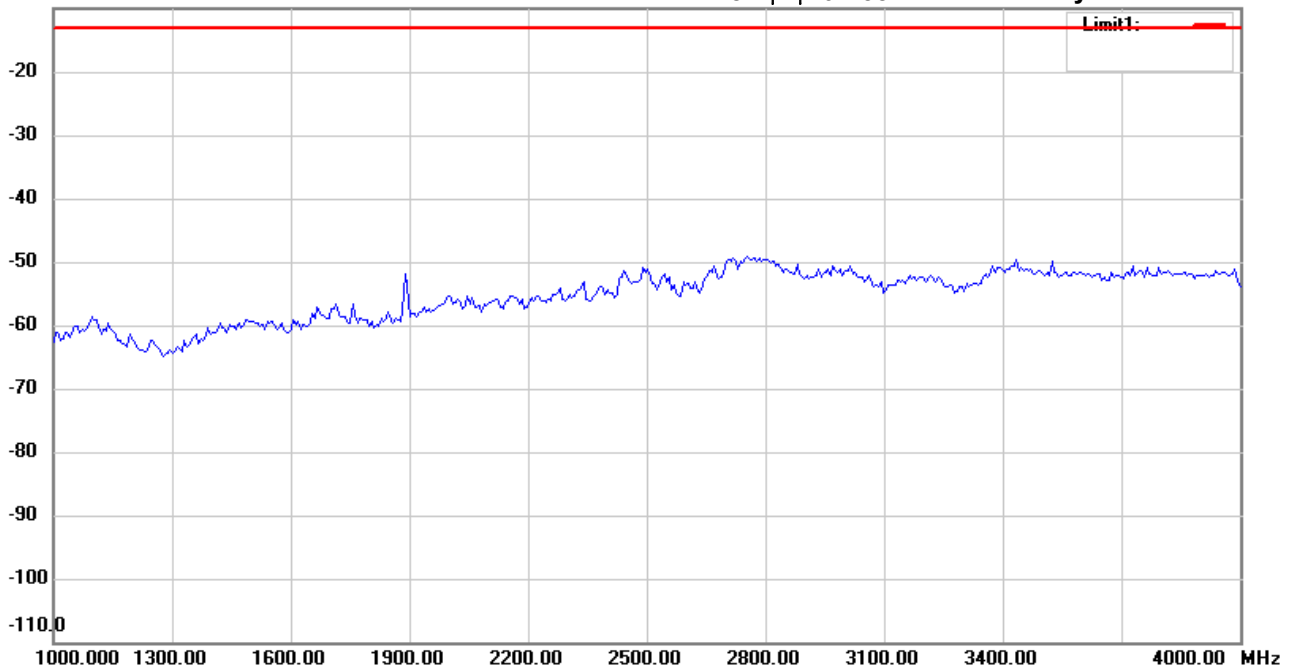
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 下午 01:58:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Vertical*

Power : 120 Va.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
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File : 3

Data : #2

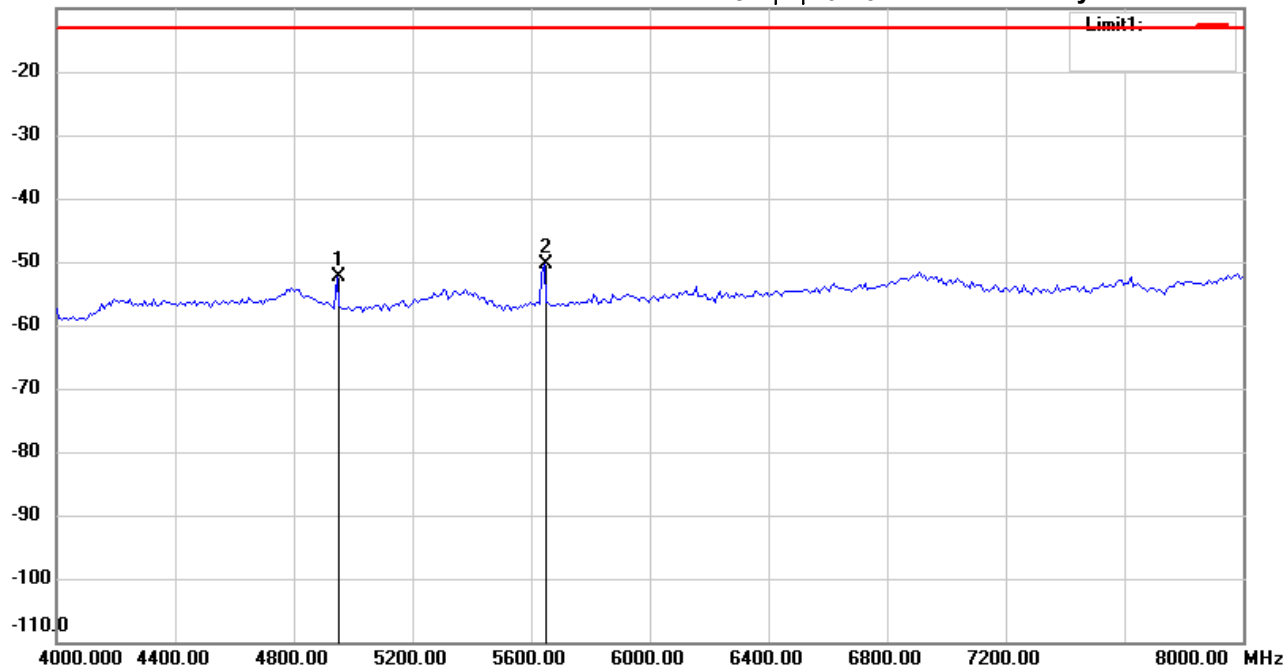
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:32:42

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	4945.892	-61.46	peak	9.15	-52.31	-13.00	150	220	-39.31	
*	5643.287	-61.17	peak	10.79	-50.38	-13.00	150	170	-37.38	

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



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

Operator: Kent

File : 3

Data : #7

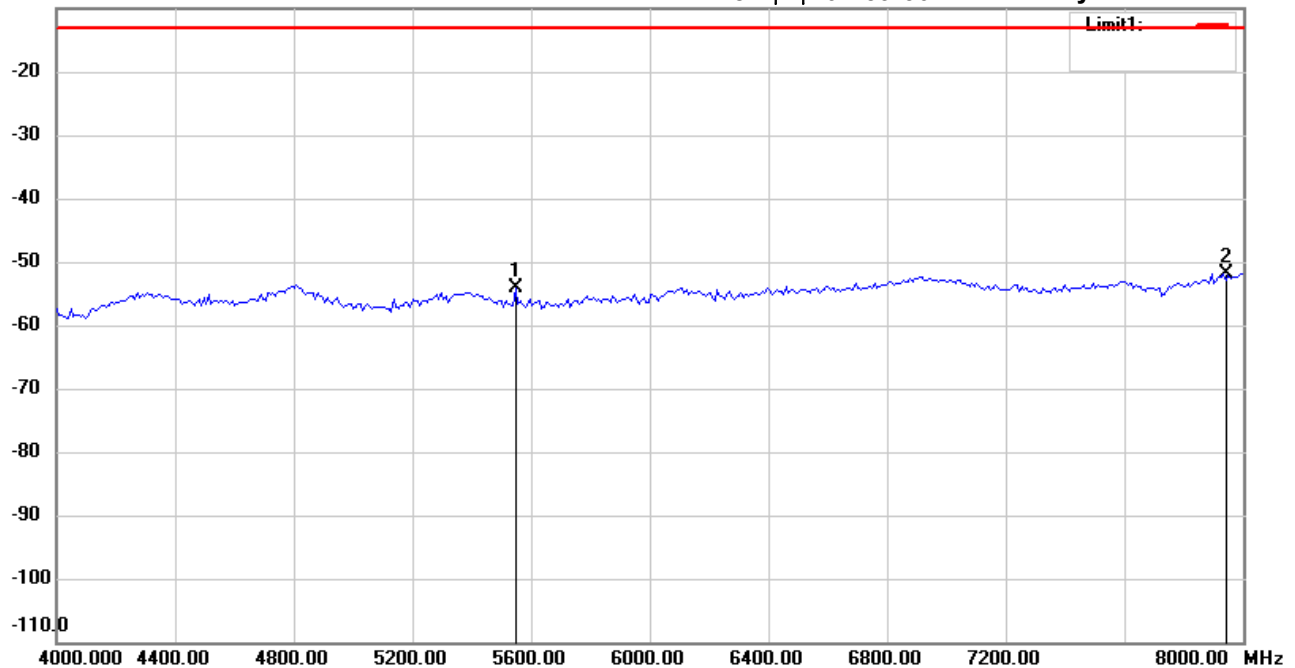
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:59:30

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: Vertical

Power : 120 Va.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	-65.47	peak	11.30	-54.17	-13.00	150	185	-41.17	
*	7935.872	-64.00	peak	12.11	-51.89	-13.00	150	240	-38.89	

*: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: Kent

File : 3

Data : #3

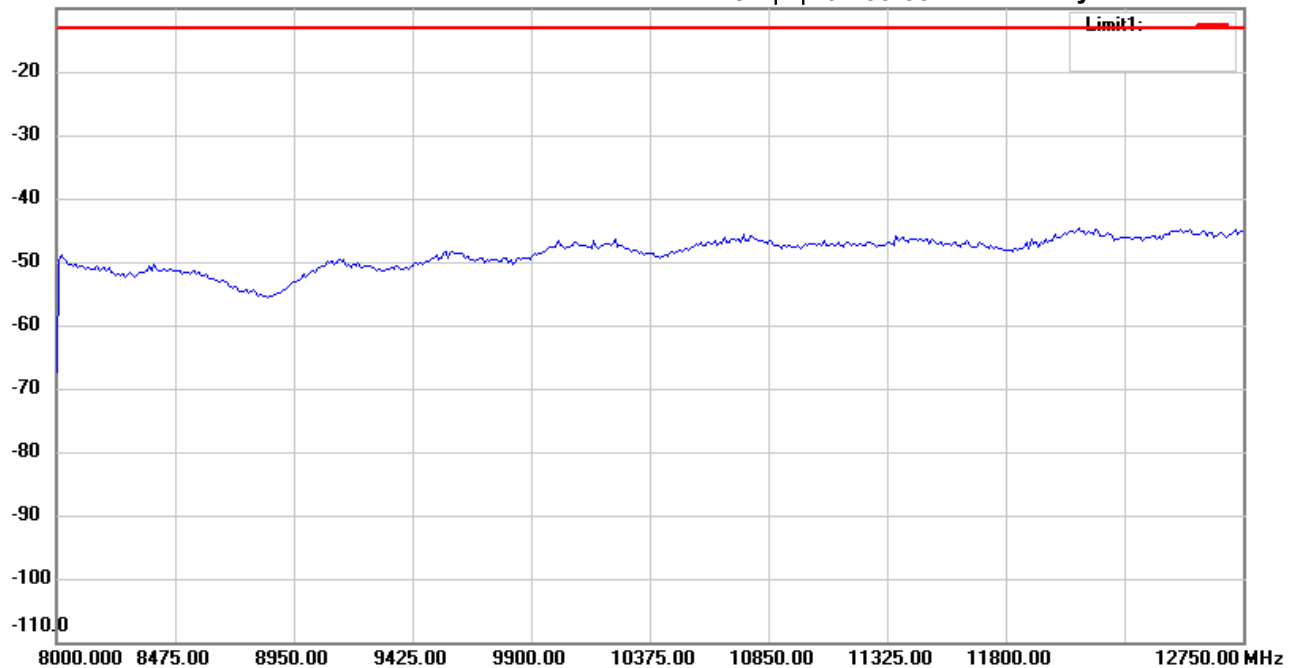
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:33:33

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #8

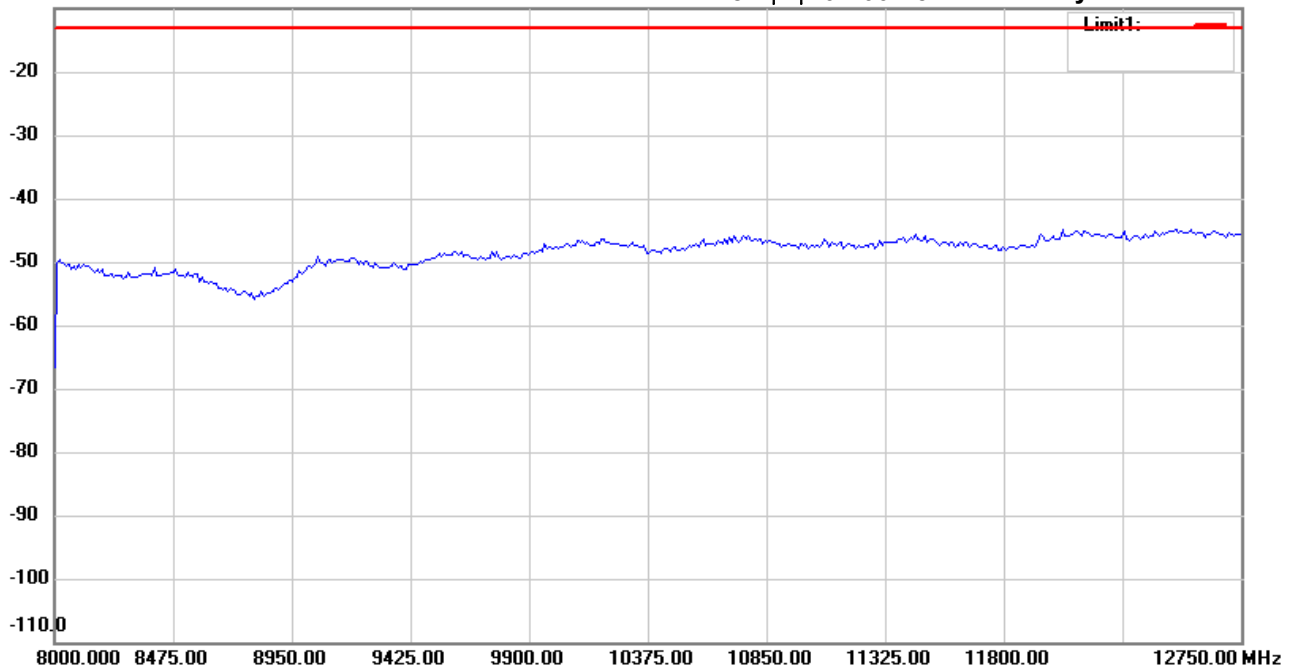
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 02:00:15

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #4

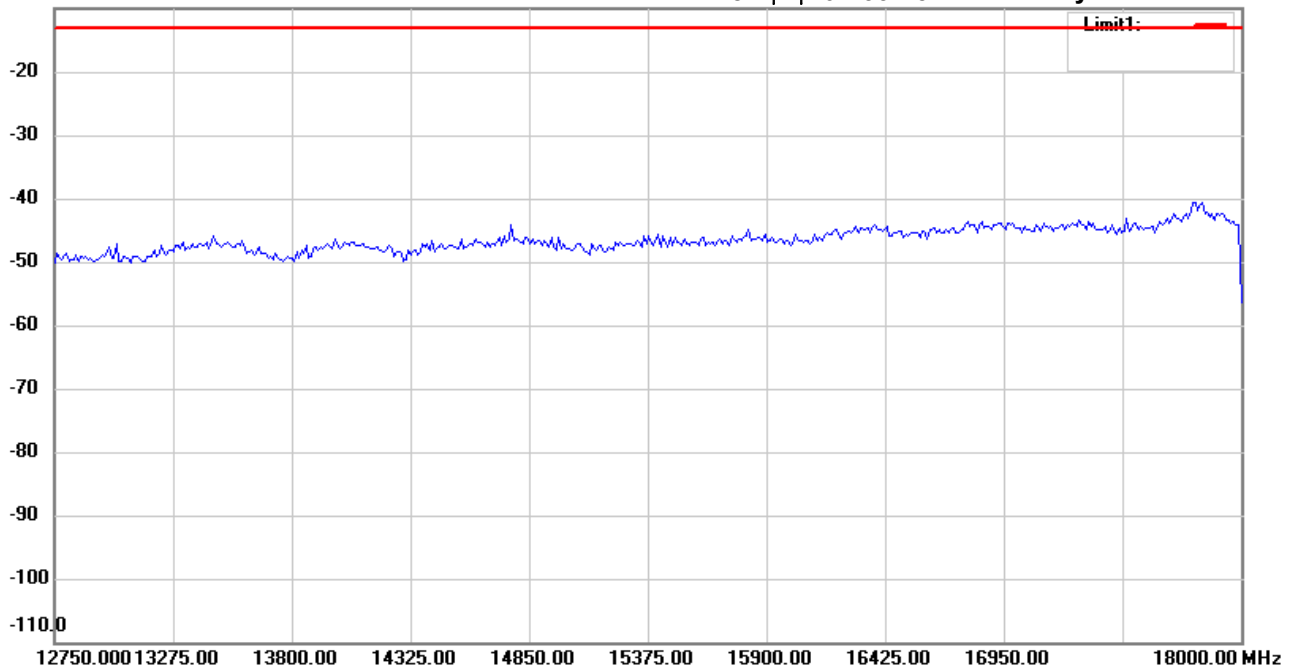
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:33:45

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #9

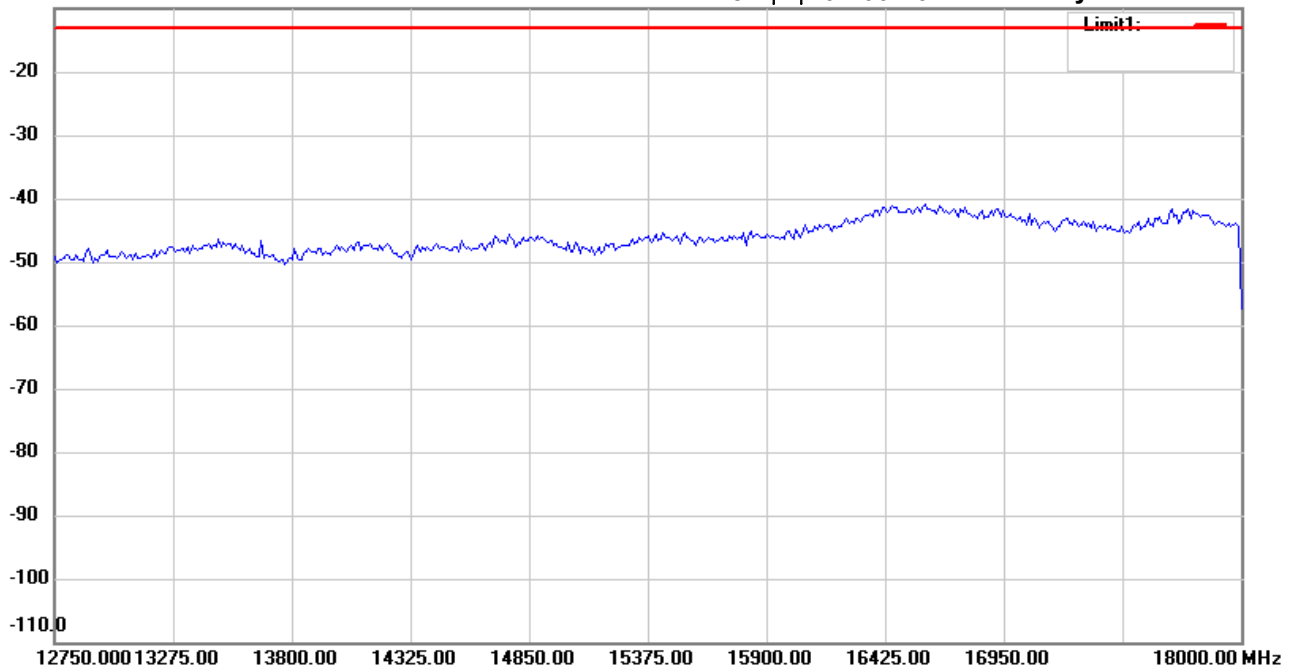
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 02:00:26

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #5

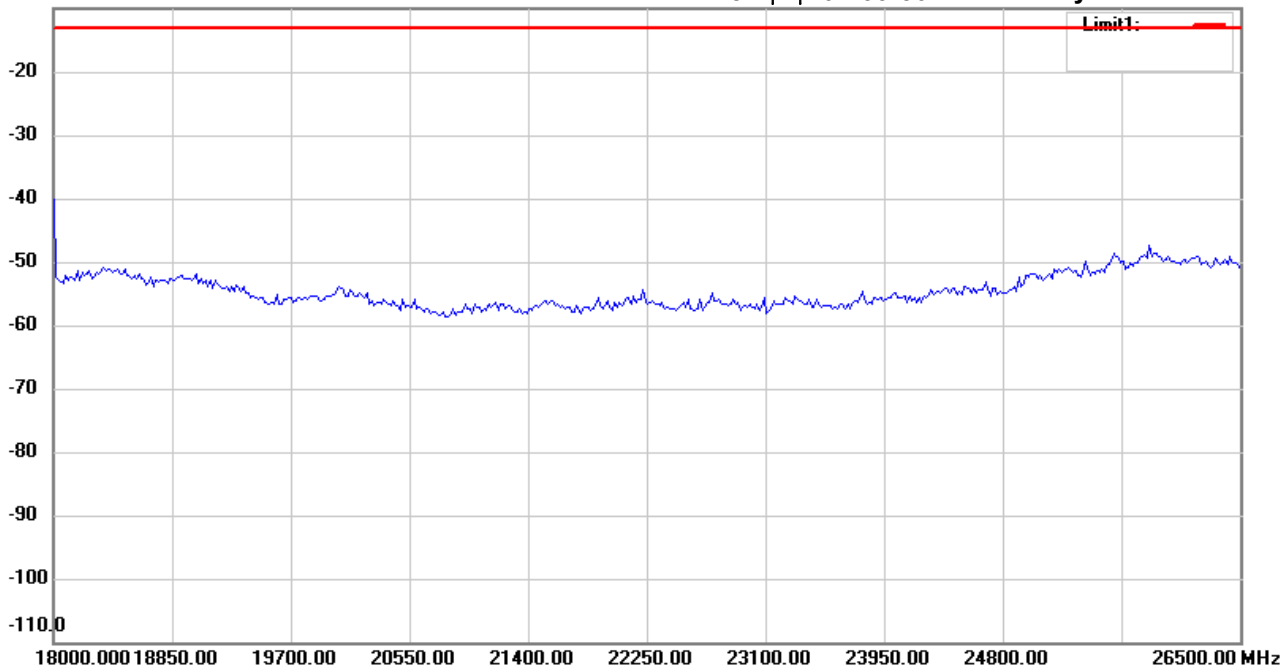
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:33:56

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #10

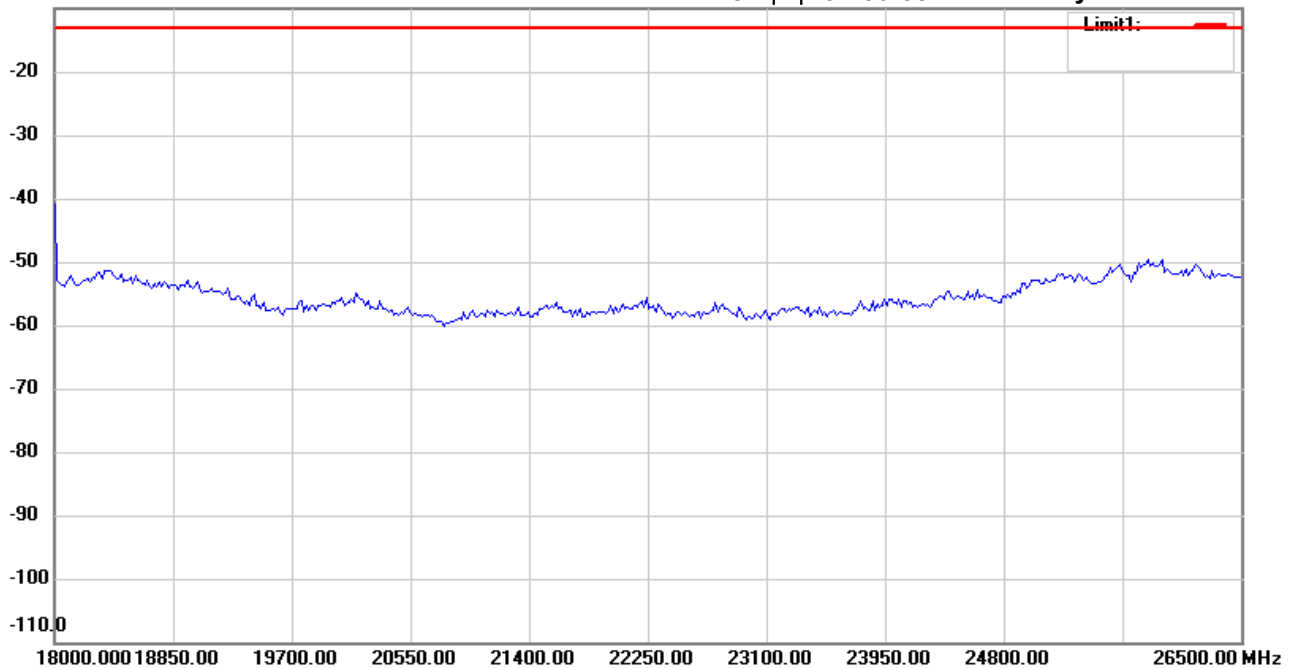
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 02:00:38

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH661

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :1

Data :#1

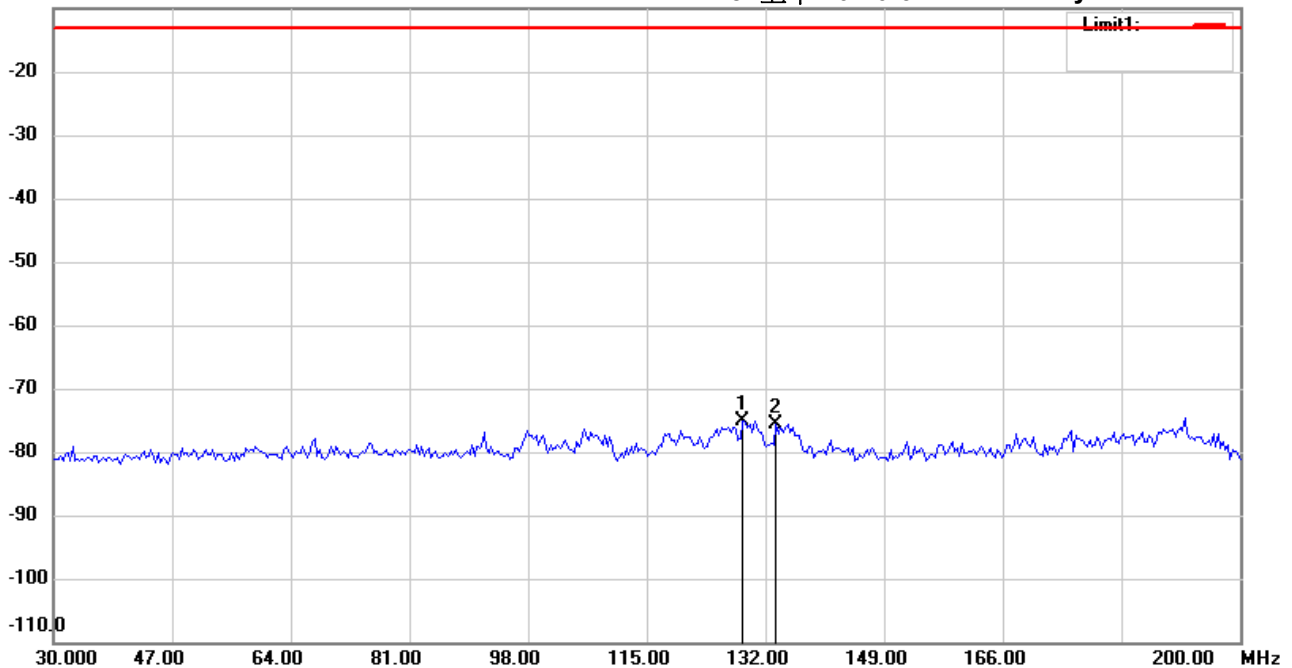
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:40:37

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: **Horizontal**

Power : 120 Va.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
*	128.7976	-97.42	peak	22.29	-75.13	-13.00	150	185	-62.13	
	133.5671	-97.80	peak	22.26	-75.54	-13.00	150	245	-62.54	

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



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Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:51:11

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Vertical*

Power : 120 Va.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	-88.59	peak	23.42	-65.17	-13.00	150	240	-52.17	
	80.0802	-92.09	peak	23.83	-68.26	-13.00	150	165	-55.26	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #1

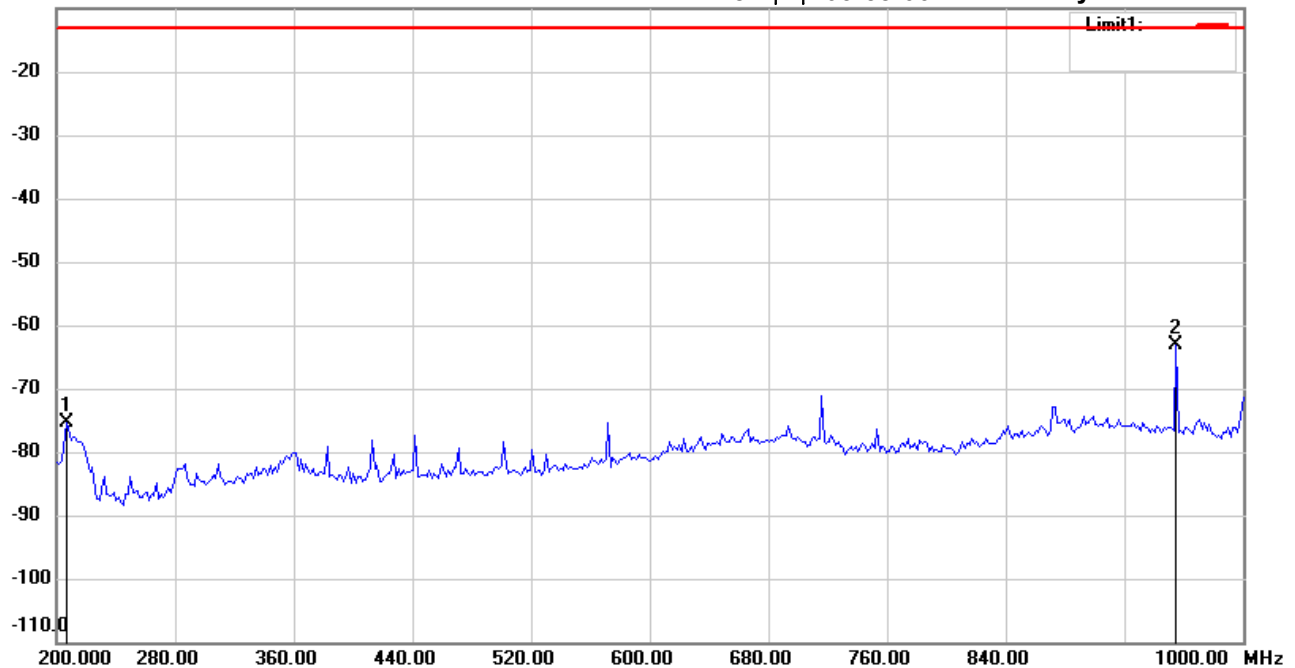
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 03:58:06

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	206.4128	-61.87	peak	-13.57	-75.44	-13.00	150	110	-62.44	
*	955.1102	-63.11	peak	-0.09	-63.20	-13.00	150	241	-50.20	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #2

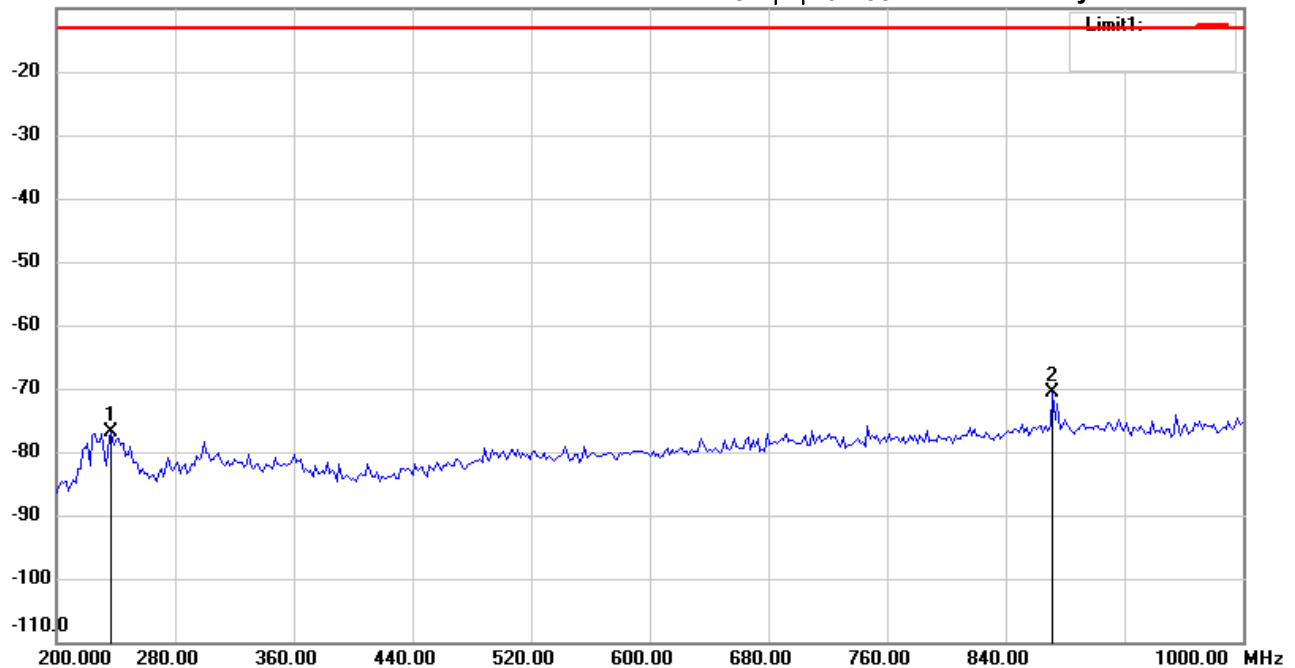
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 04:05:11

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: Vertical

Power : 120 Va.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
	236.8737	-65.65	peak	-11.34	-76.99	-13.00	150	180	-63.99	
*	871.7435	-70.97	peak	0.35	-70.62	-13.00	150	110	-57.62	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

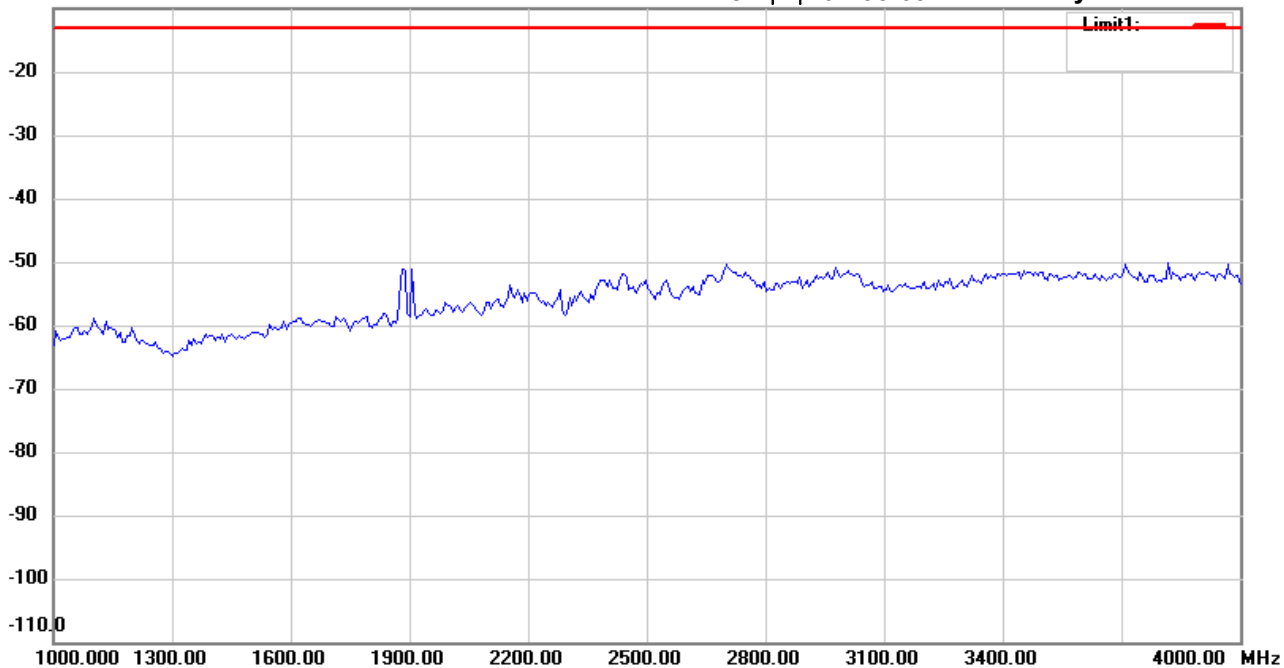
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:36:09

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #6

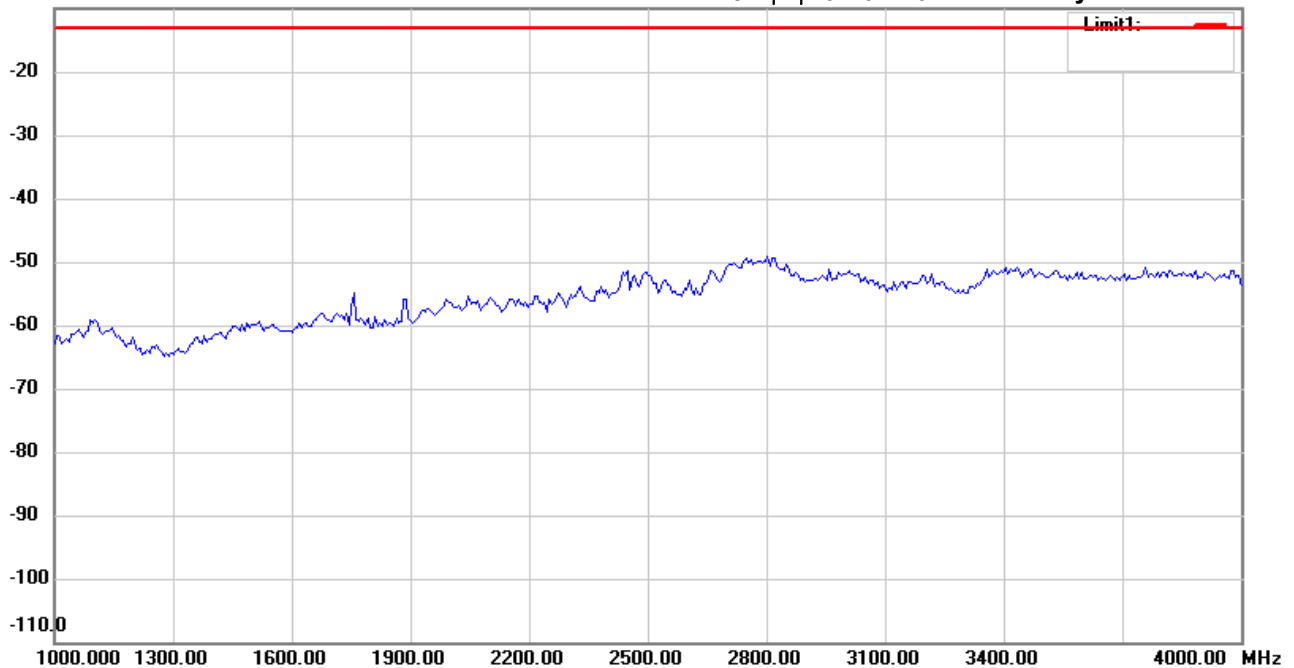
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 02:02:40

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :3

Data :#2

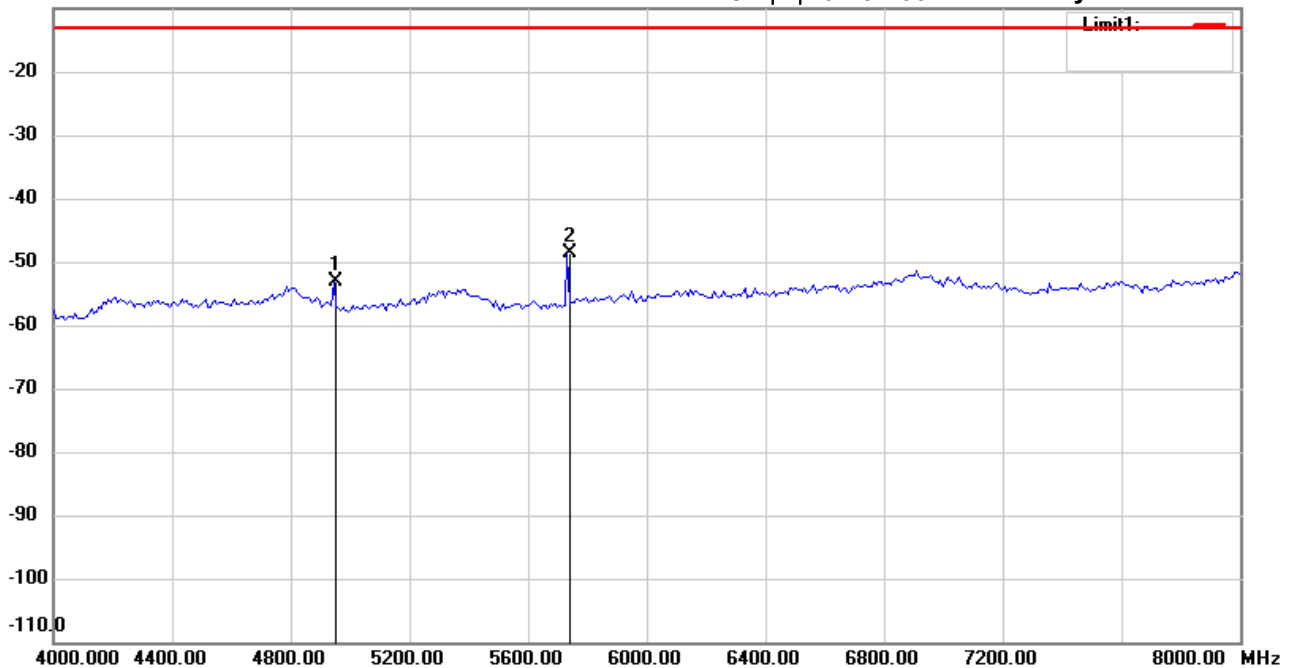
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:37:00

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	4945.892	-62.16	peak	9.15	-53.01	-13.00	150	185	-40.01	
*	5731.463	-59.35	peak	10.73	-48.62	-13.00	150	220	-35.62	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#7

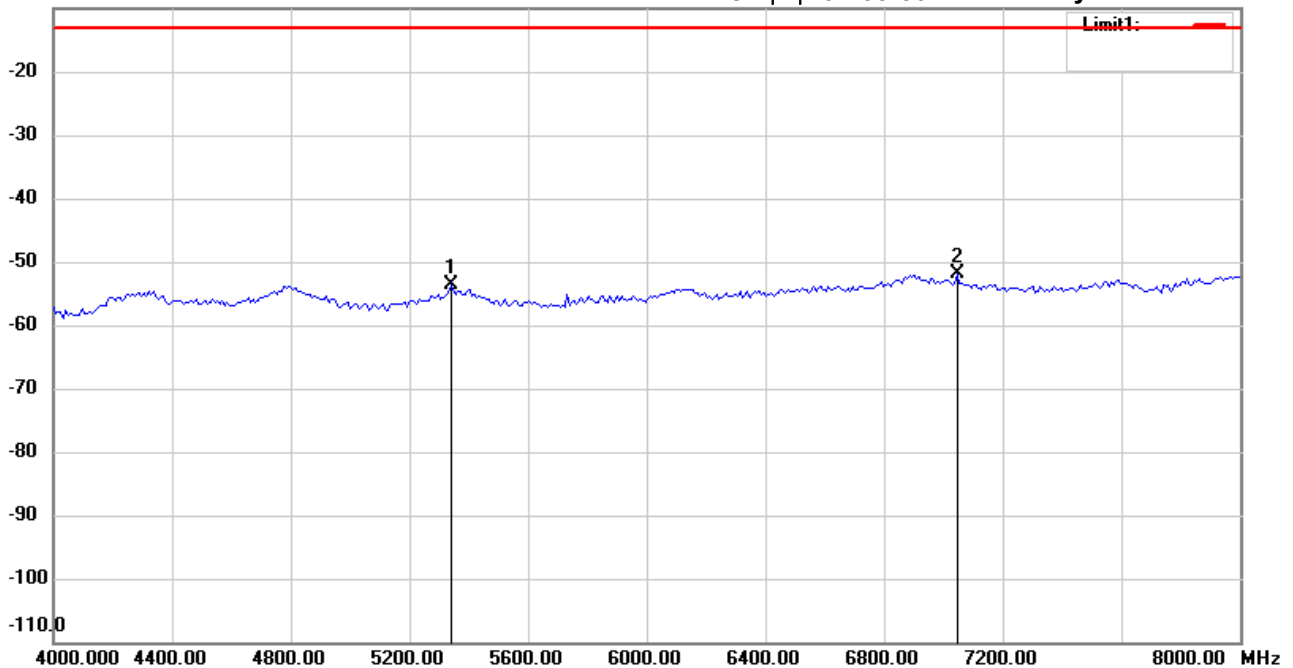
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 02:03:30

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: **Vertical**

Power : 120 V.a.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
	5338.677	-65.83	peak	12.17	-53.66	-13.00	150	220	-40.66	
*	7046.092	-64.03	peak	12.11	-51.92	-13.00	150	130	-38.92	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #3

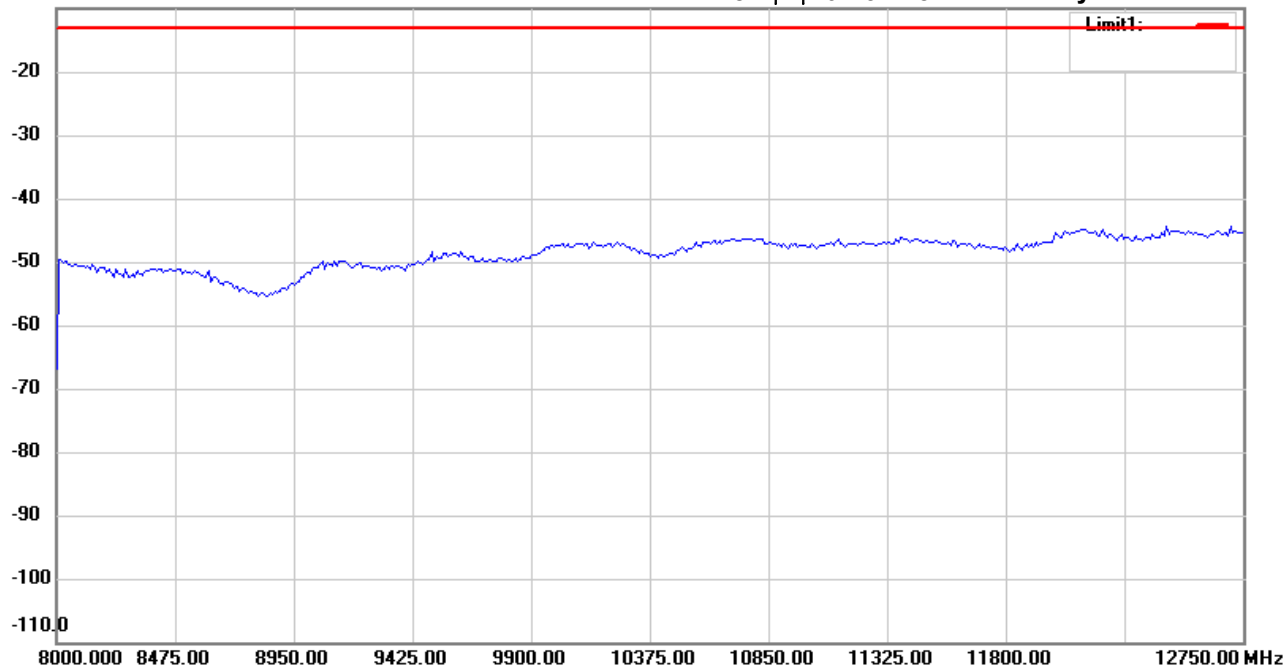
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:37:48

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #8

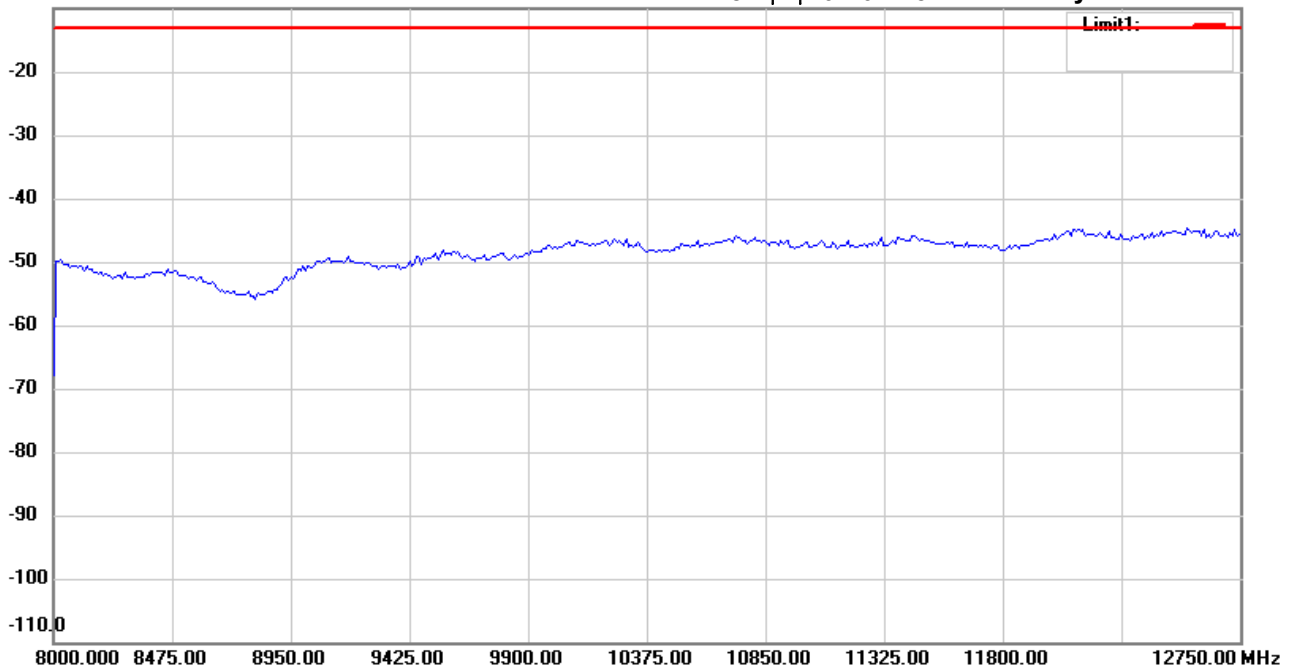
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 02:04:15

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #4

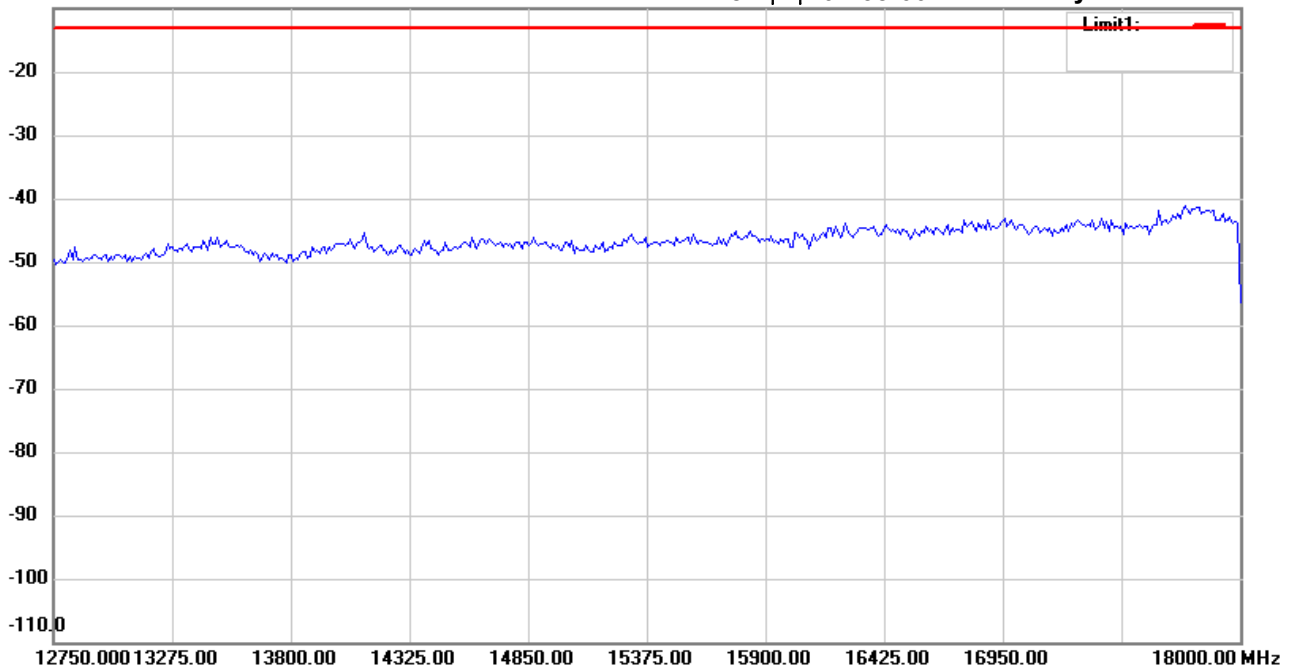
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:38:00

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #9

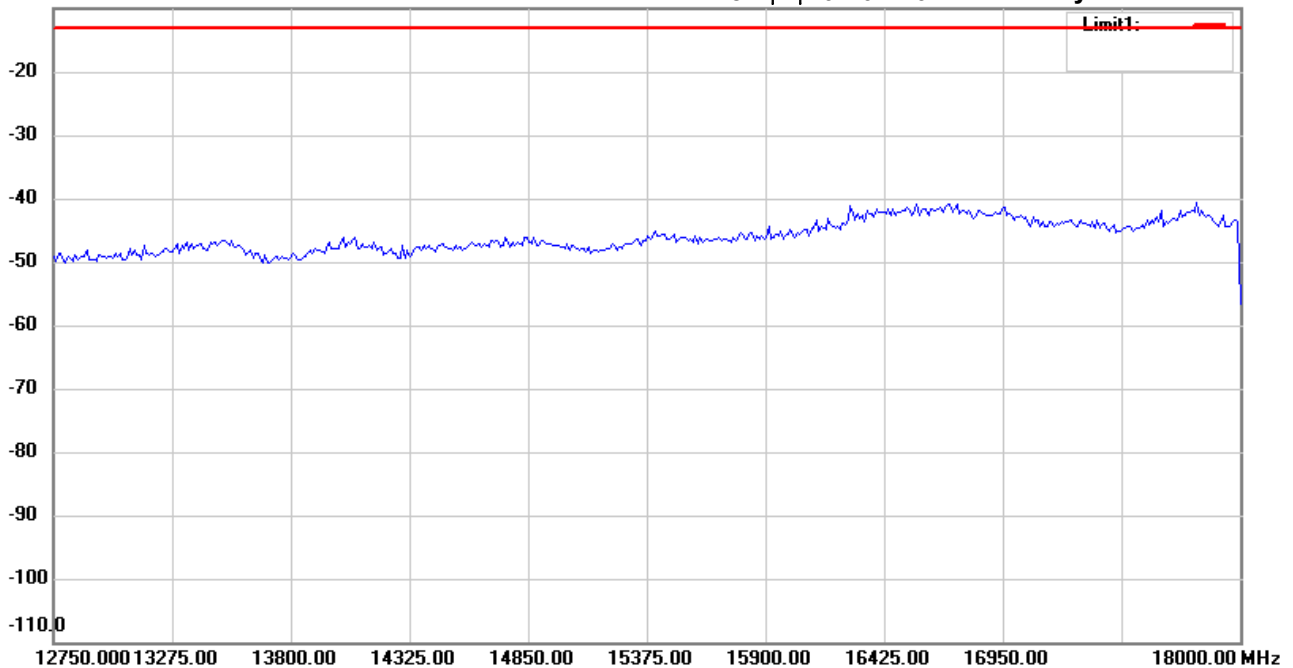
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 02:04:26

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #5

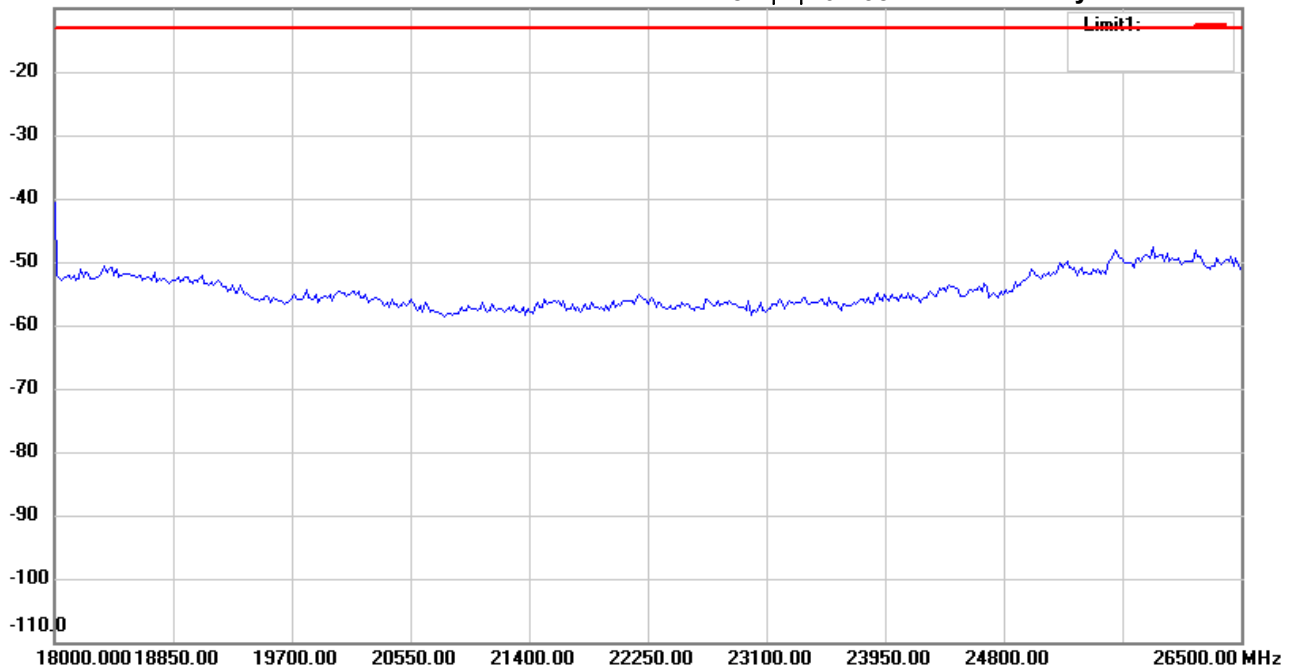
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:38:12

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #10

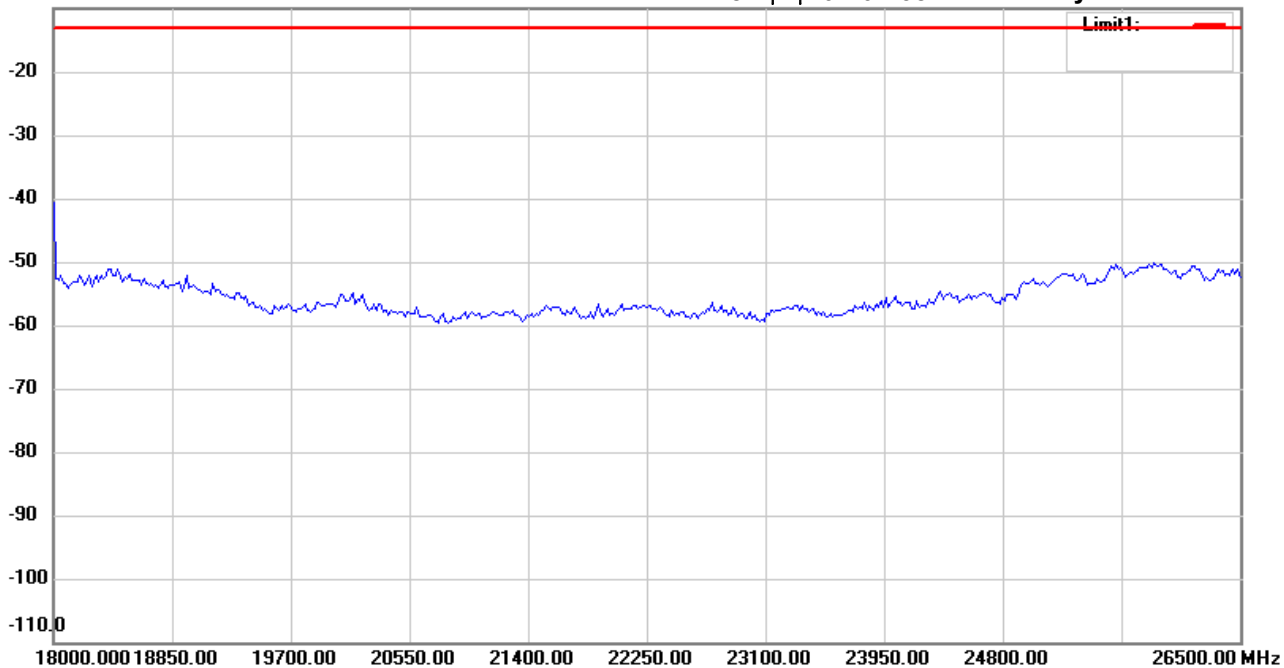
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 02:04:38

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE PCS1900 CH810

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :1

Data :#1

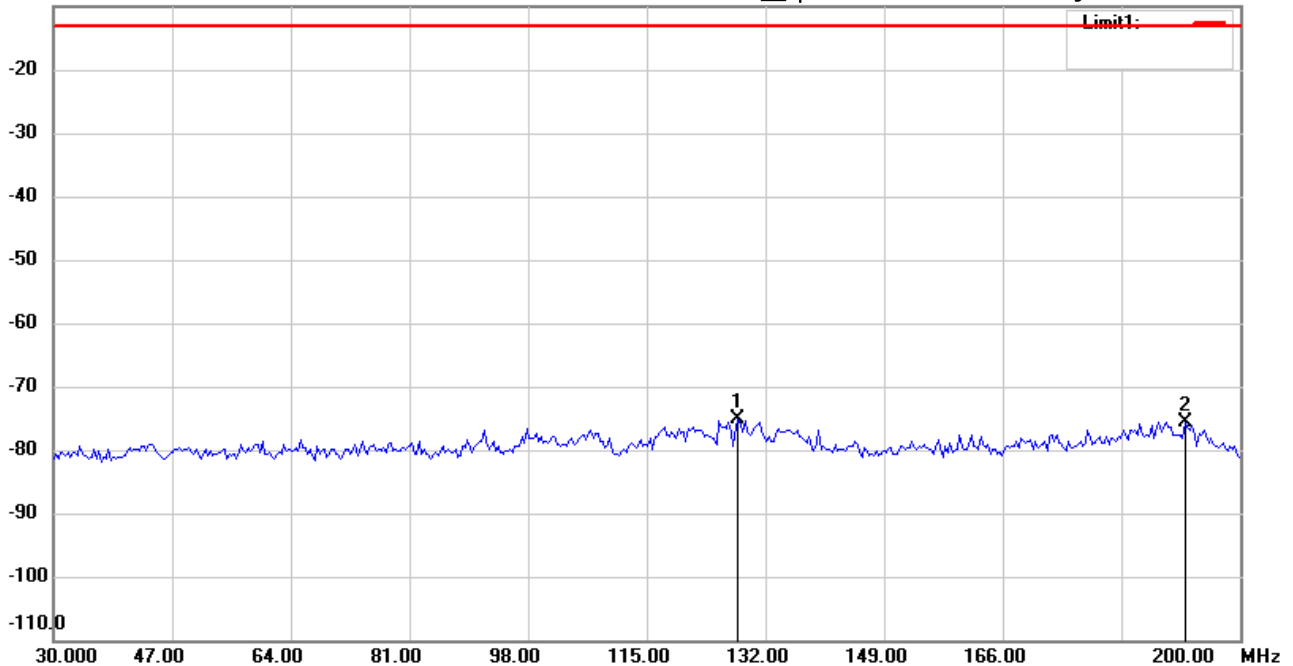
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:55:14

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: **Horizontal**

Power : 120 Va.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
*	128.1162	-97.48	peak	22.29	-75.19	-13.00	150	220	-62.19	
	192.1643	-99.35	peak	23.72	-75.63	-13.00	150	160	-62.63	

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



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Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

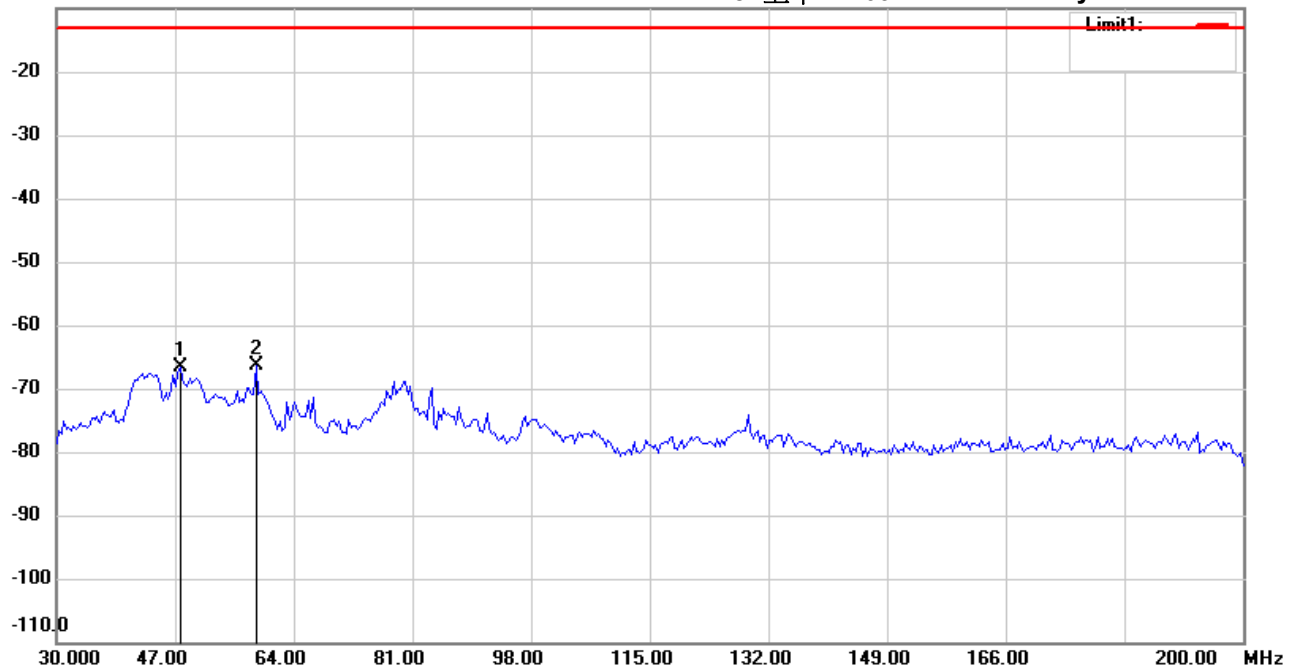
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:09:41

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: **Vertical**

Power : 120 Va.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	-90.03	peak	23.44	-66.59	-13.00	150	110	-53.59	
*	58.6172	-90.45	peak	23.99	-66.46	-13.00	150	245	-53.46	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #1

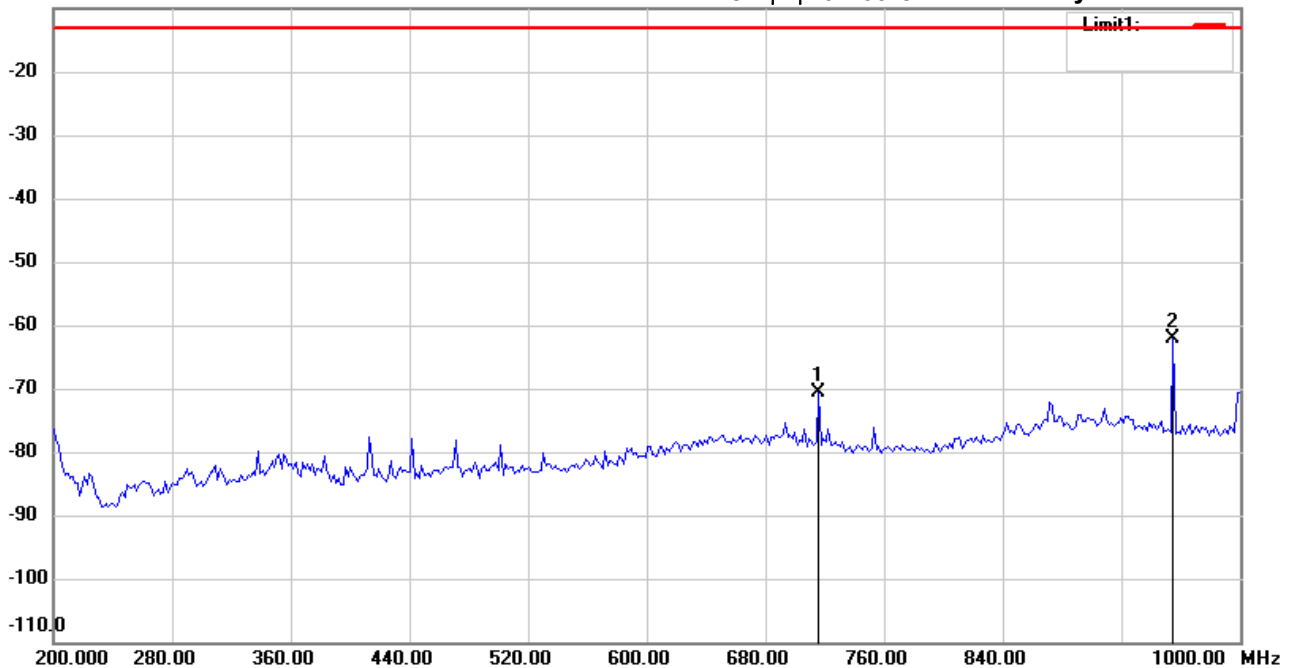
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 04:09:54

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	716.2325	-69.17	peak	-1.41	-70.58	-13.00	150	205	-57.58	
*	955.1102	-61.97	peak	-0.09	-62.06	-13.00	150	145	-49.06	

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



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Radiated Emission Measurement

Operator: Kent

File :2

Data :#2

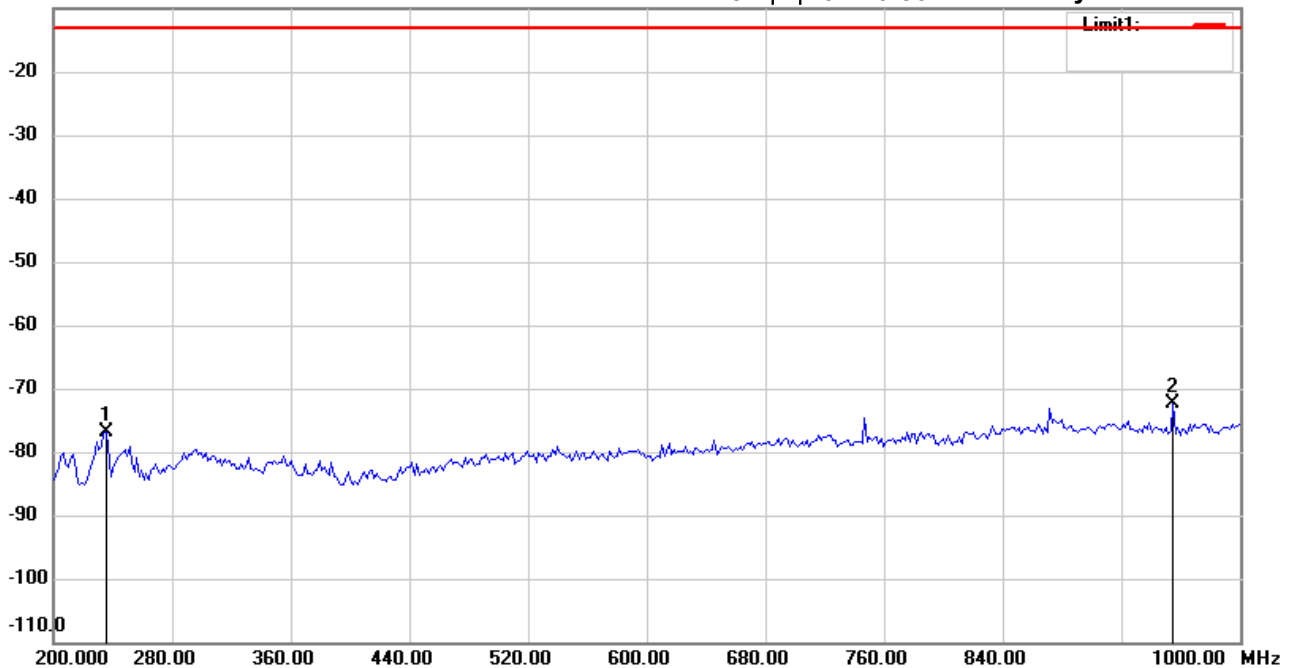
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 下午 04:16:36

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: **Vertical**

Power : 120 Va.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
	235.2705	-65.28	peak	-11.60	-76.88	-13.00	150	160	-63.88	
*	955.1102	-71.97	peak	-0.33	-72.30	-13.00	150	245	-59.30	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

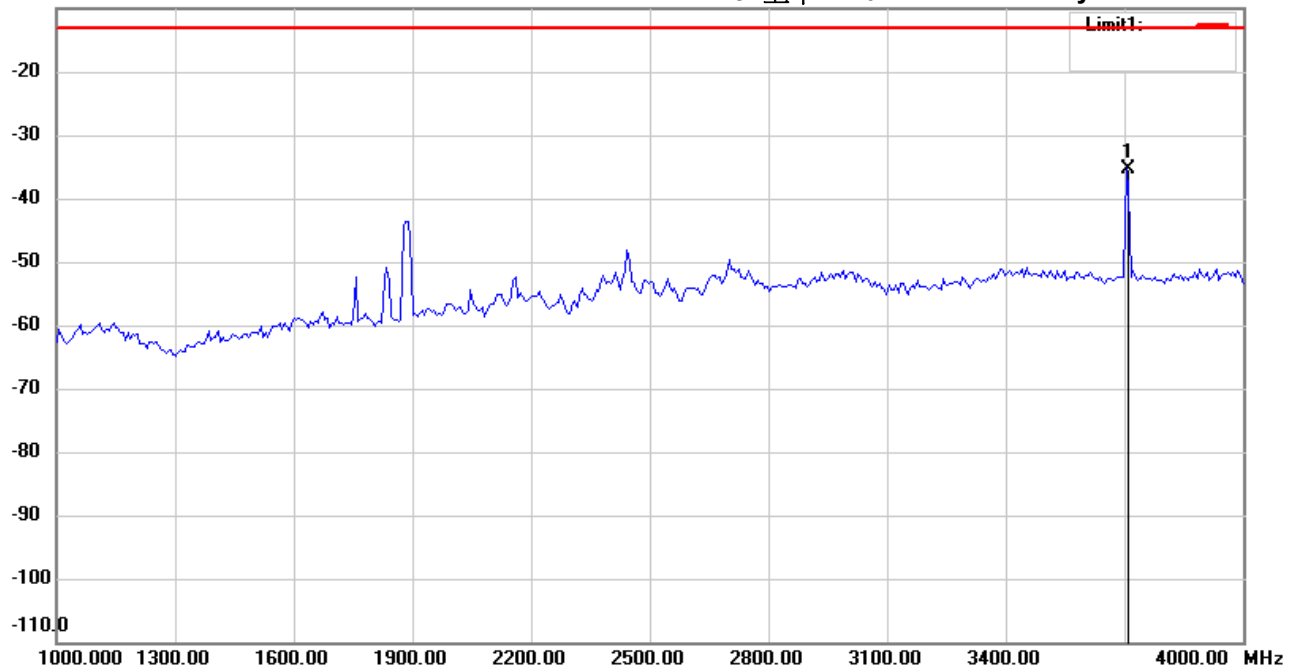
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:02:42

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	3705.411	-45.34	peak	10.02	-35.32	-13.00	150	185	-22.32	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #6

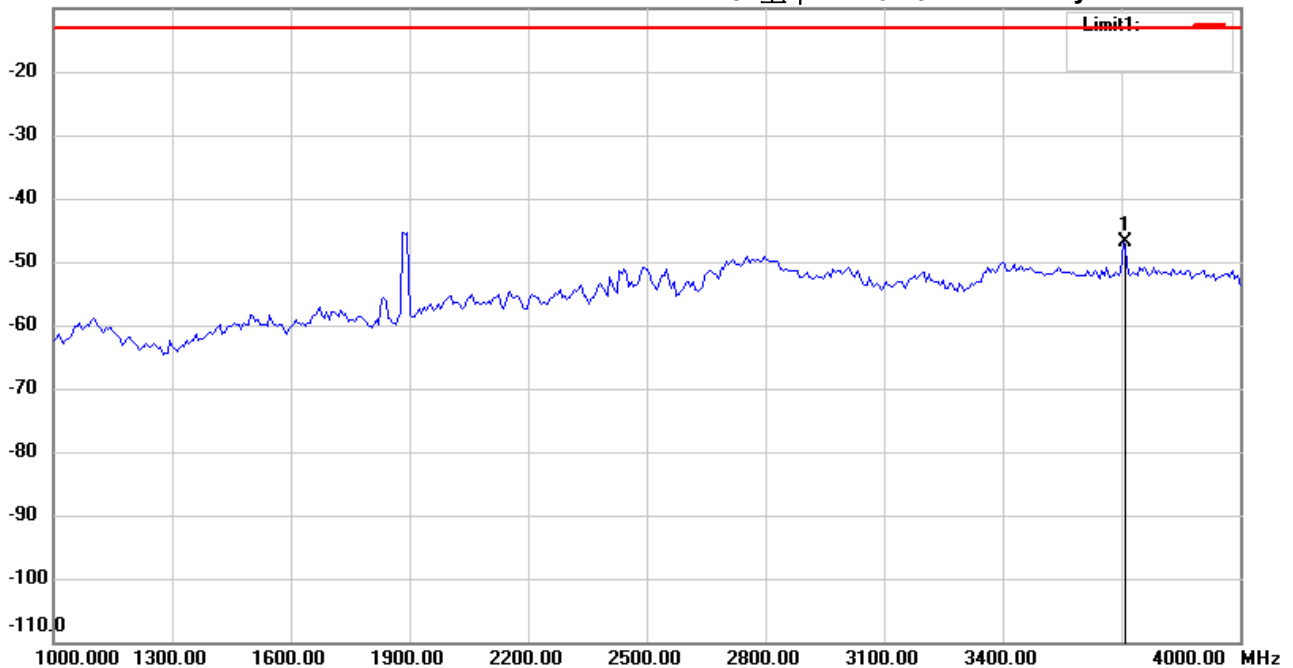
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:16:15

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: Vertical

Power : 120 Va.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
*	3705.411	-57.17	peak	10.32	-46.85	-13.00	150	230	-33.85	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#2

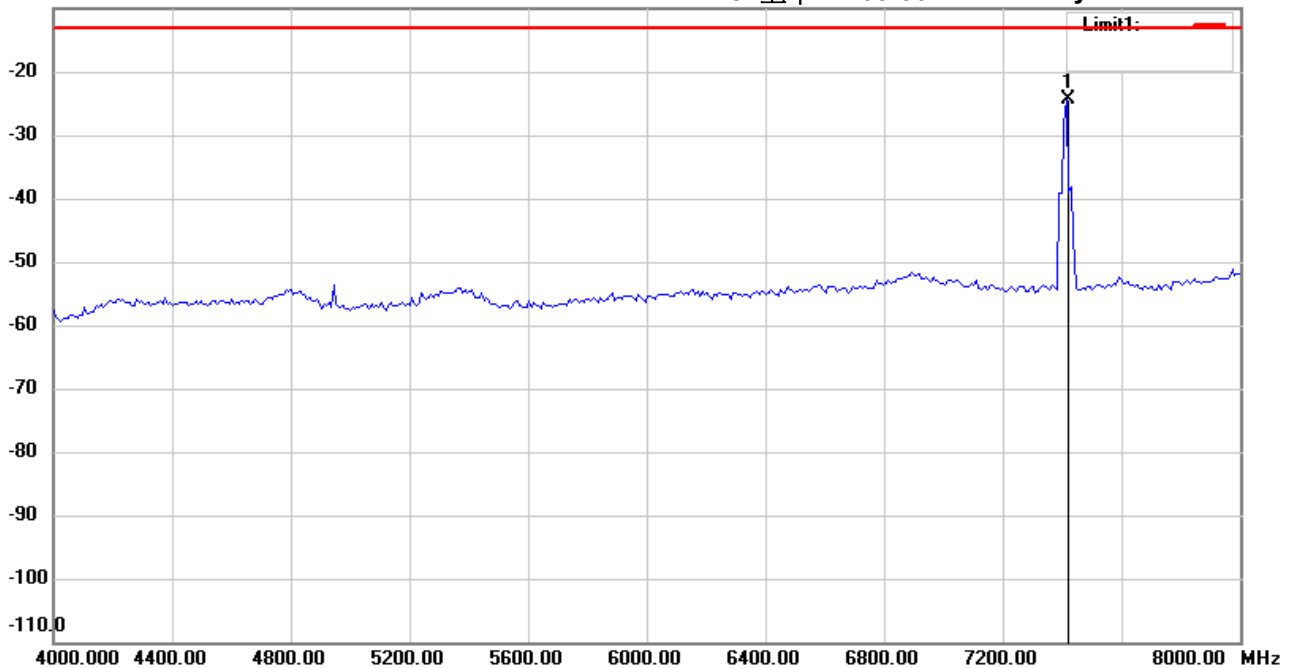
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:03:36

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	7414.830	-34.65	peak	10.28	-24.37	-13.00	150	145	-11.37	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #7

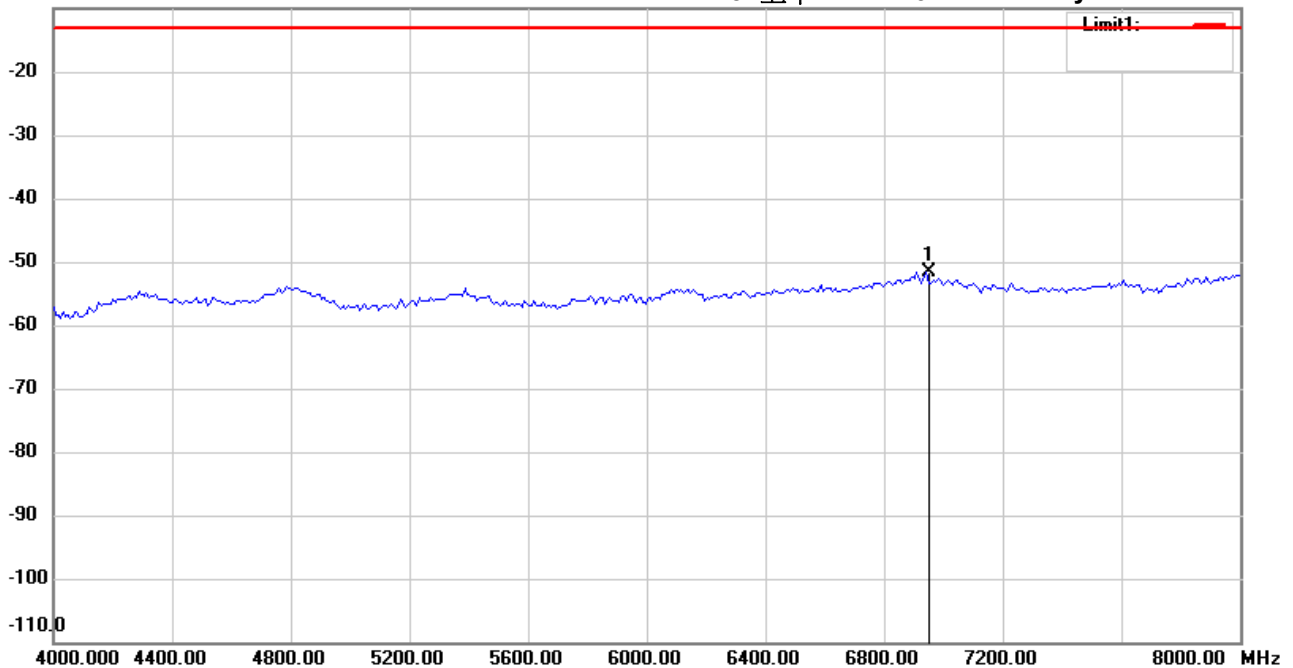
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:17:13

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: Vertical

Power : 120 Va.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
*	6941.884	-64.69	peak	13.10	-51.59	-13.00	150	335	-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: Kent

File : 3

Data : #3

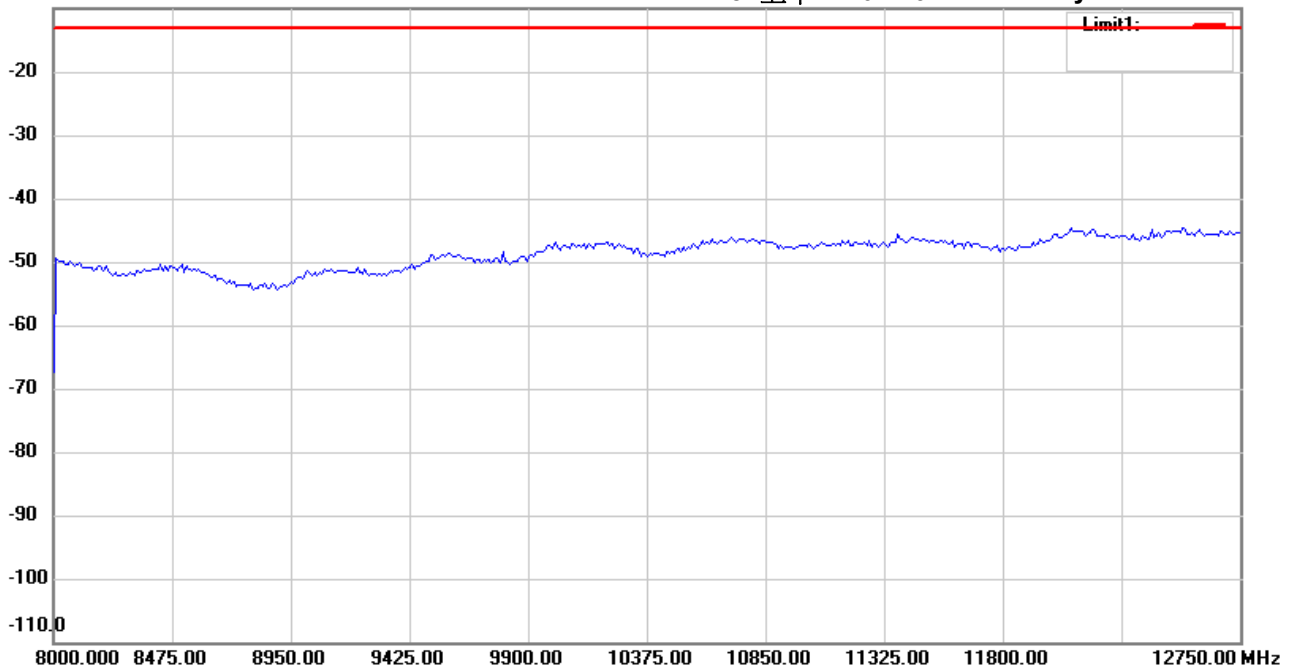
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:04:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #8

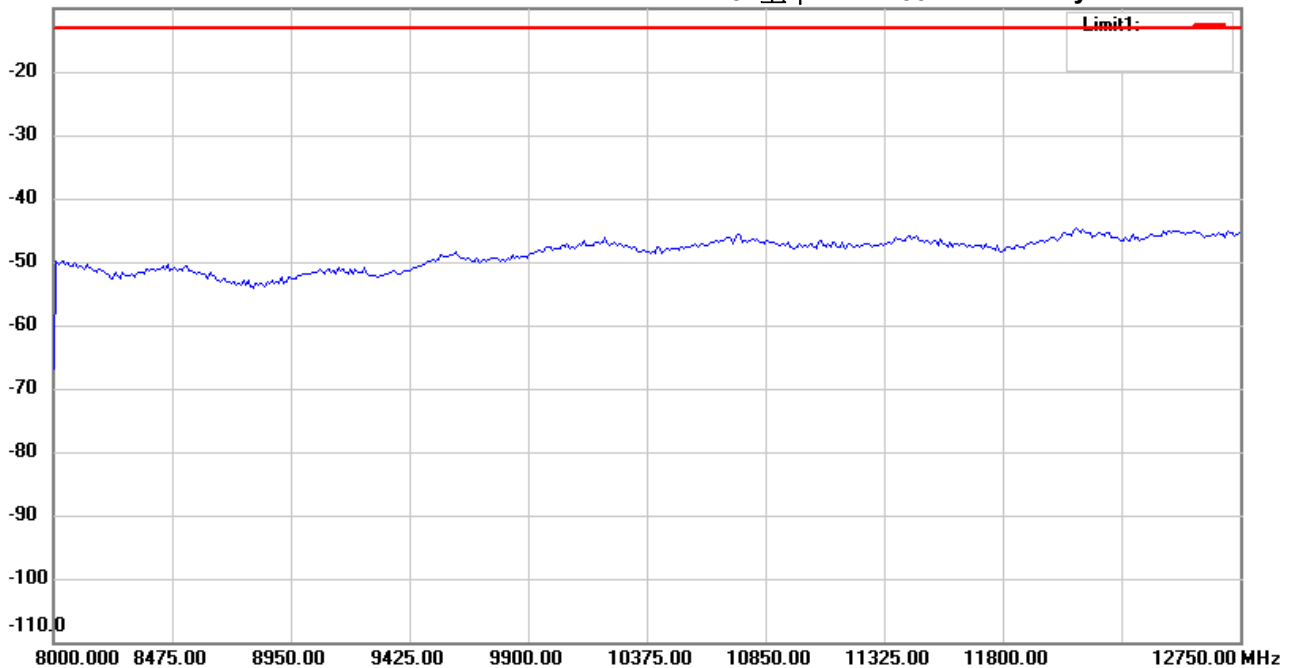
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:17:55

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #4

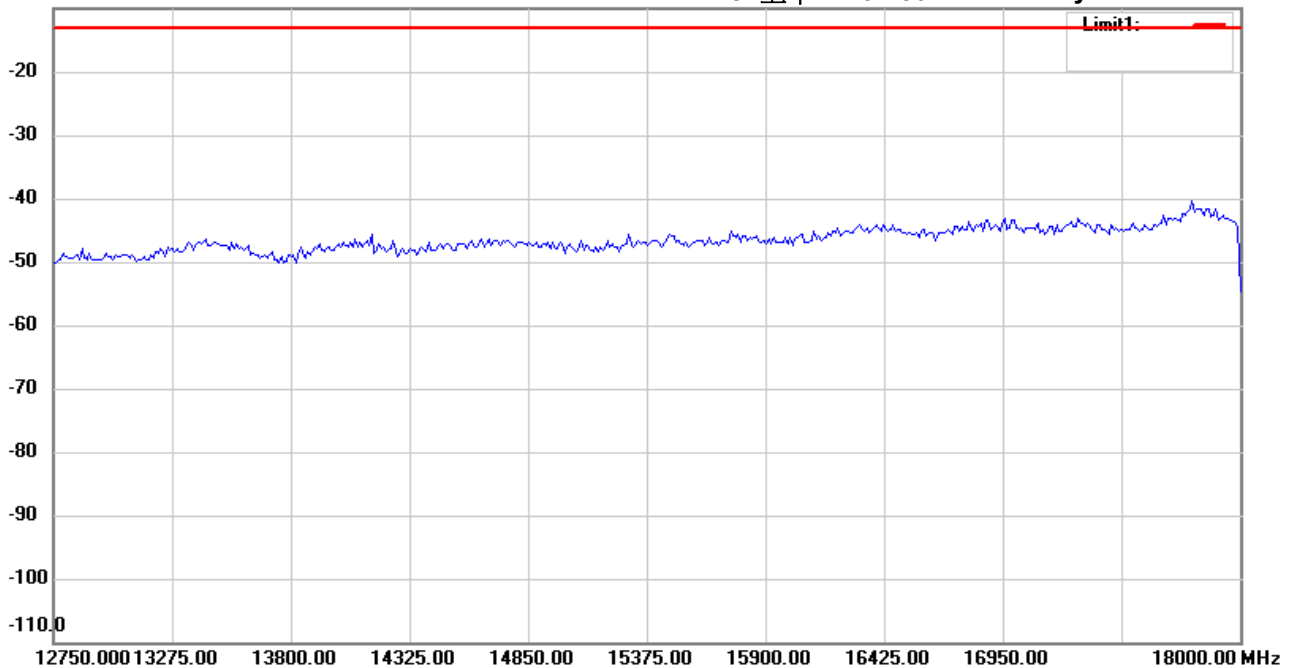
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:04:30

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File :3

Data :#9

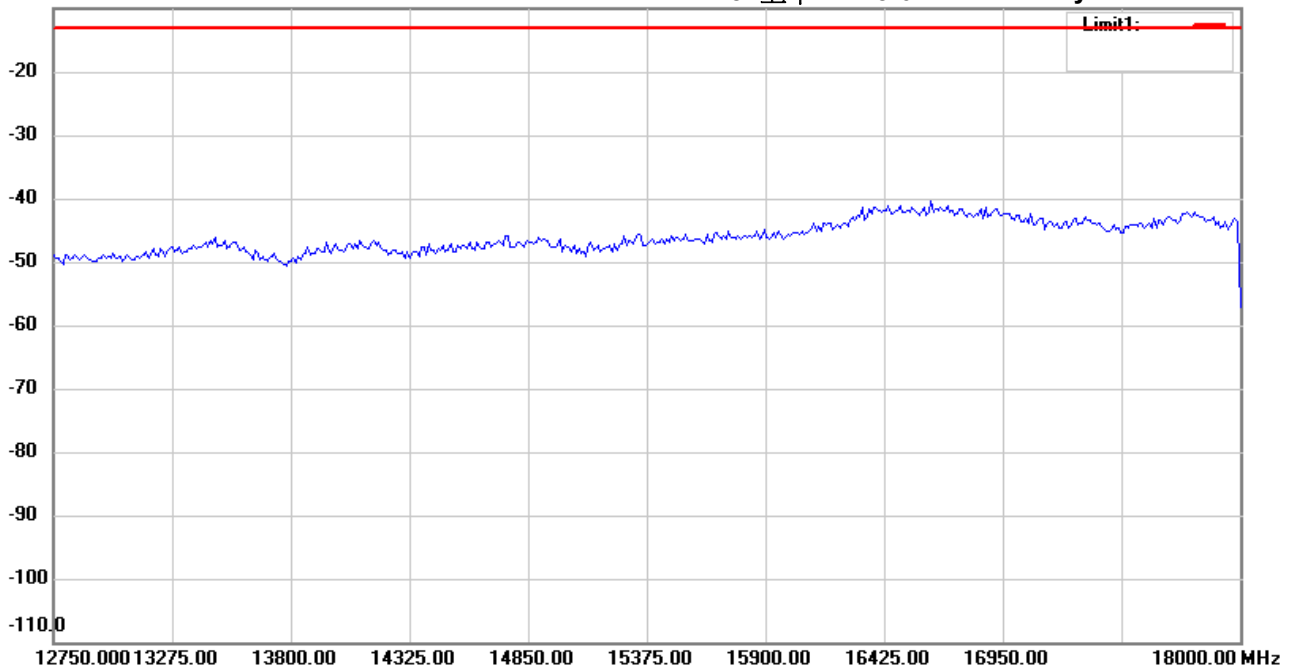
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 上午 11:18:07

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :3

Data :#5

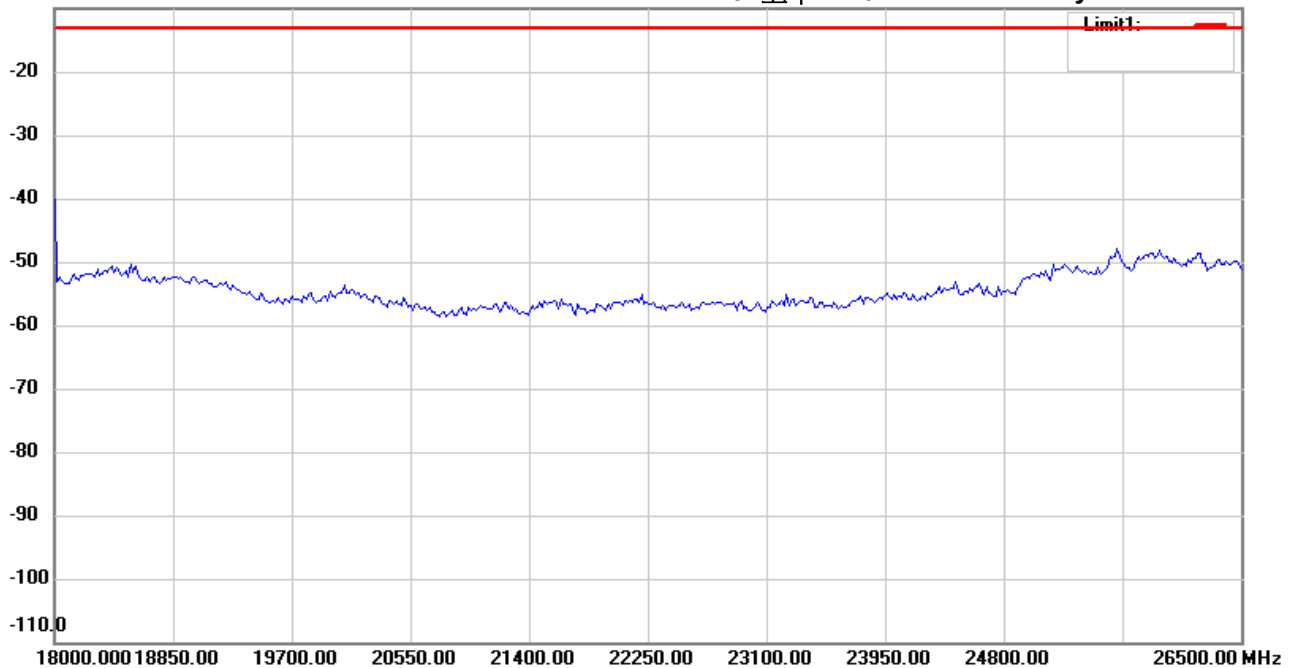
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 上午 11:04:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #10

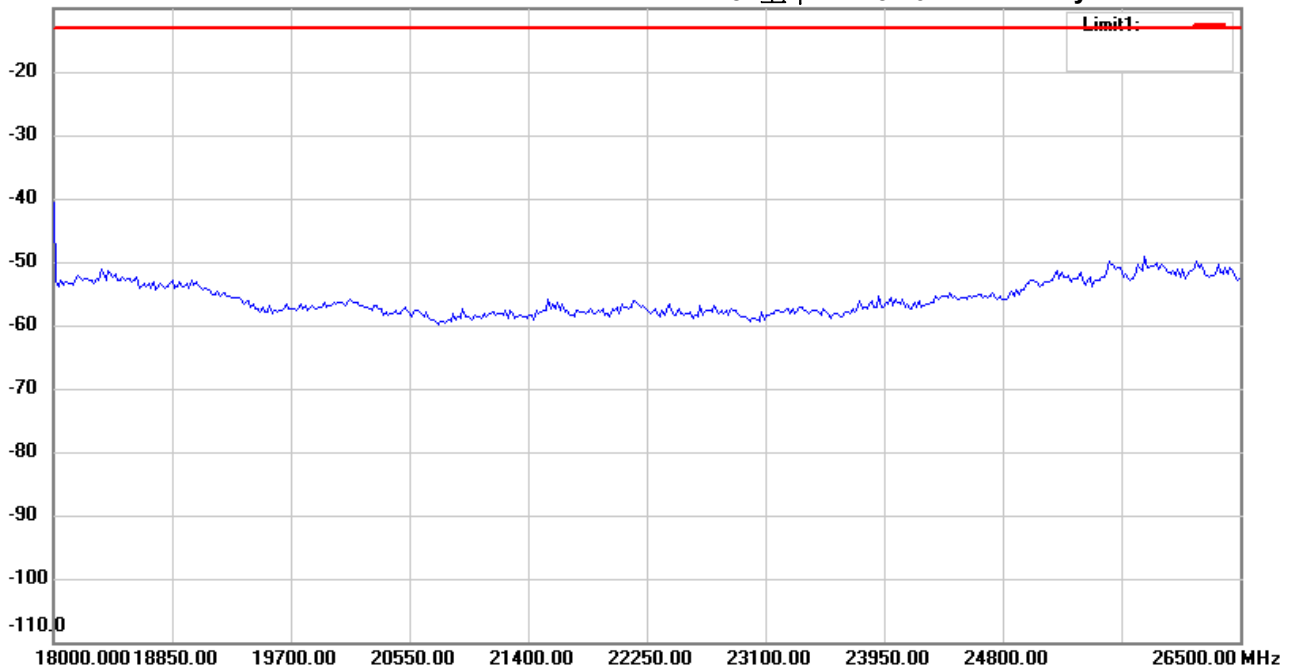
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:18:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9262

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :1

Data :#1

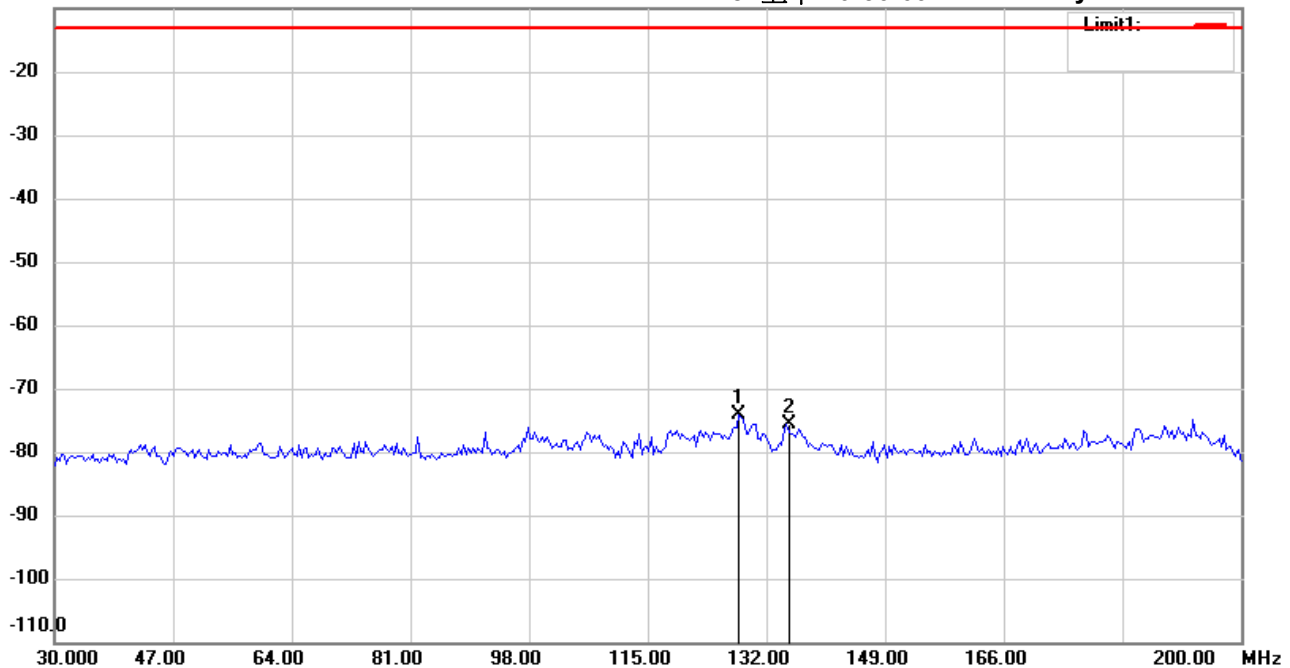
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:56:09

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	128.1162	-96.40	peak	22.29	-74.11	-13.00	150	110	-61.11	
	134.9300	-97.85	peak	22.26	-75.59	-13.00	150	185	-62.59	

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



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Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

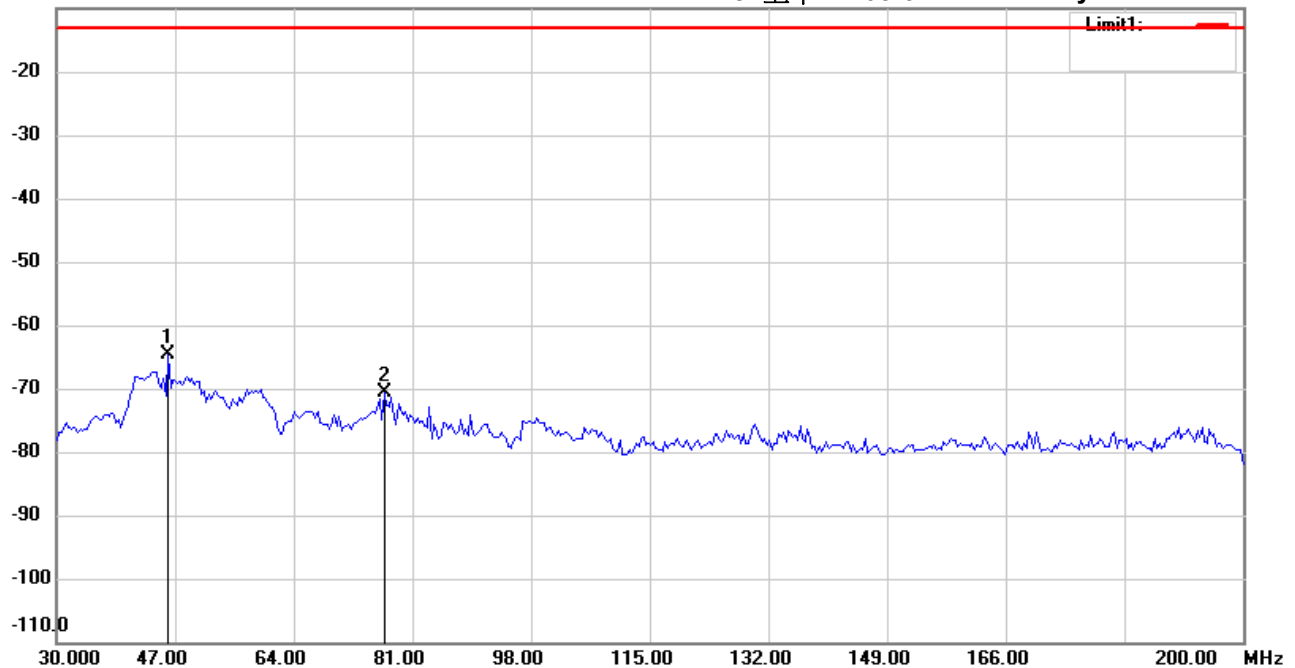
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:08:37

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: **Vertical**

Power : 120 Va.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	-88.04	peak	23.42	-64.62	-13.00	150	220	-51.62	
	77.0140	-94.52	peak	23.87	-70.65	-13.00	150	195	-57.65	

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



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Radiated Emission Measurement

Operator: Kent

File :2

Data :#1

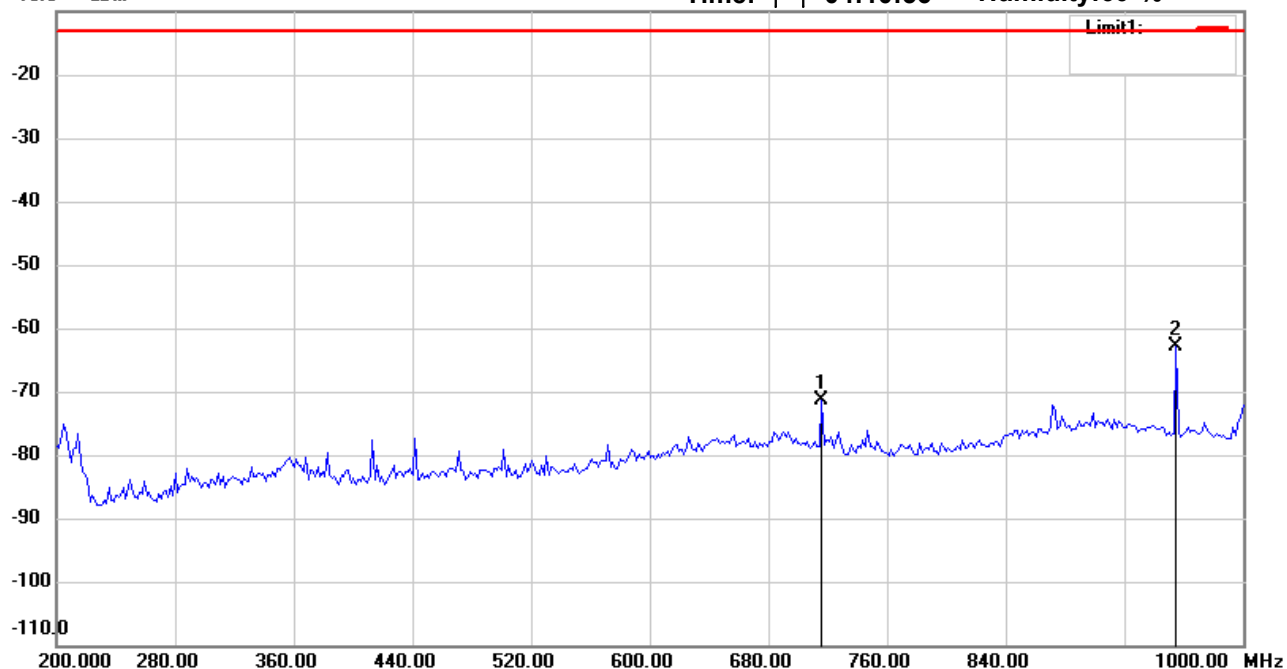
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 下午 04:10:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	716.2325	-69.92	peak	-1.41	-71.33	-13.00	150	110	-58.33	
*	955.1102	-62.68	peak	-0.09	-62.77	-13.00	150	305	-49.77	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #2

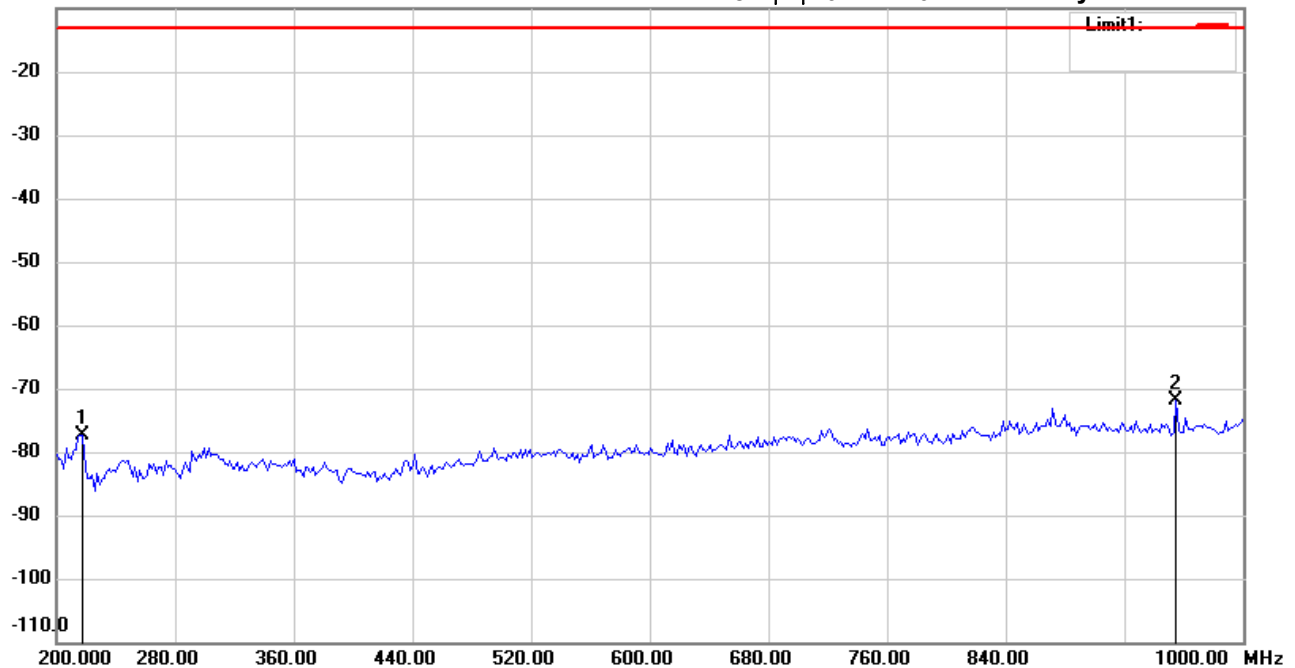
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 04:17:40

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Vertical*

Power : 120 Va.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
	217.6353	-64.05	peak	-13.30	-77.35	-13.00	150	160	-64.35	
*	955.1102	-71.51	peak	-0.33	-71.84	-13.00	150	245	-58.84	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

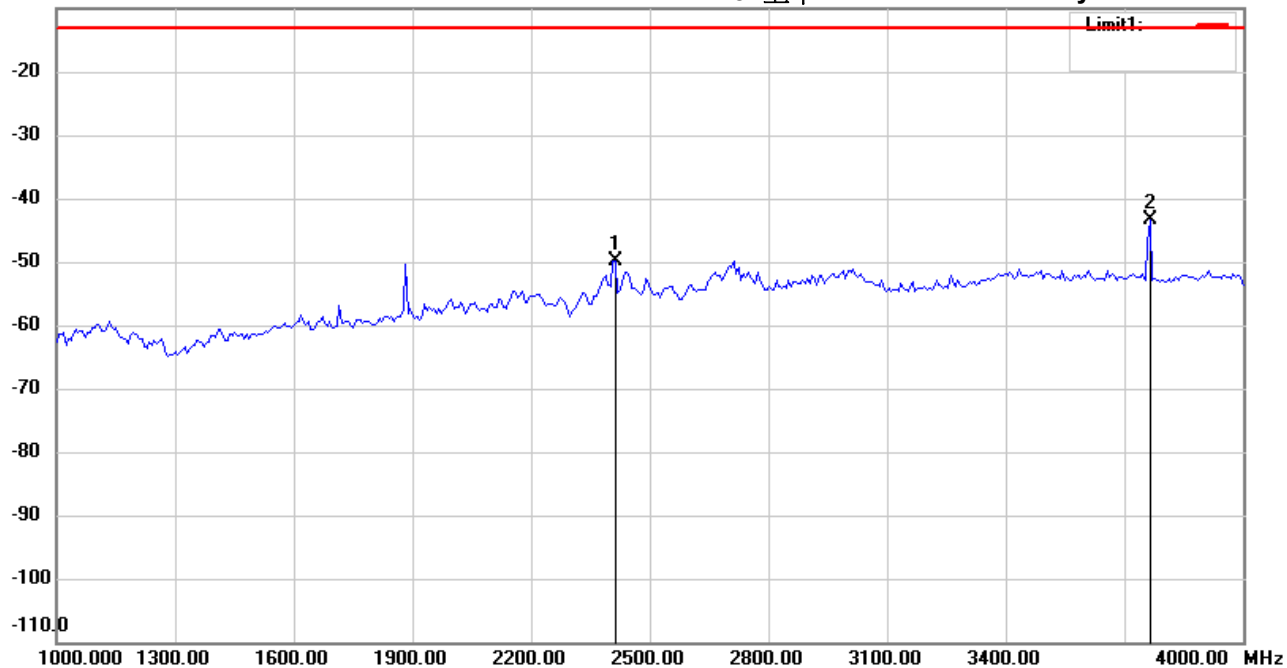
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:21:24

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	2406.814	-58.86	peak	9.01	-49.85	-13.00	150	130	-36.85	
*	3765.531	-53.36	peak	9.91	-43.45	-13.00	150	245	-30.45	

*: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: Kent

File : 3

Data : #6

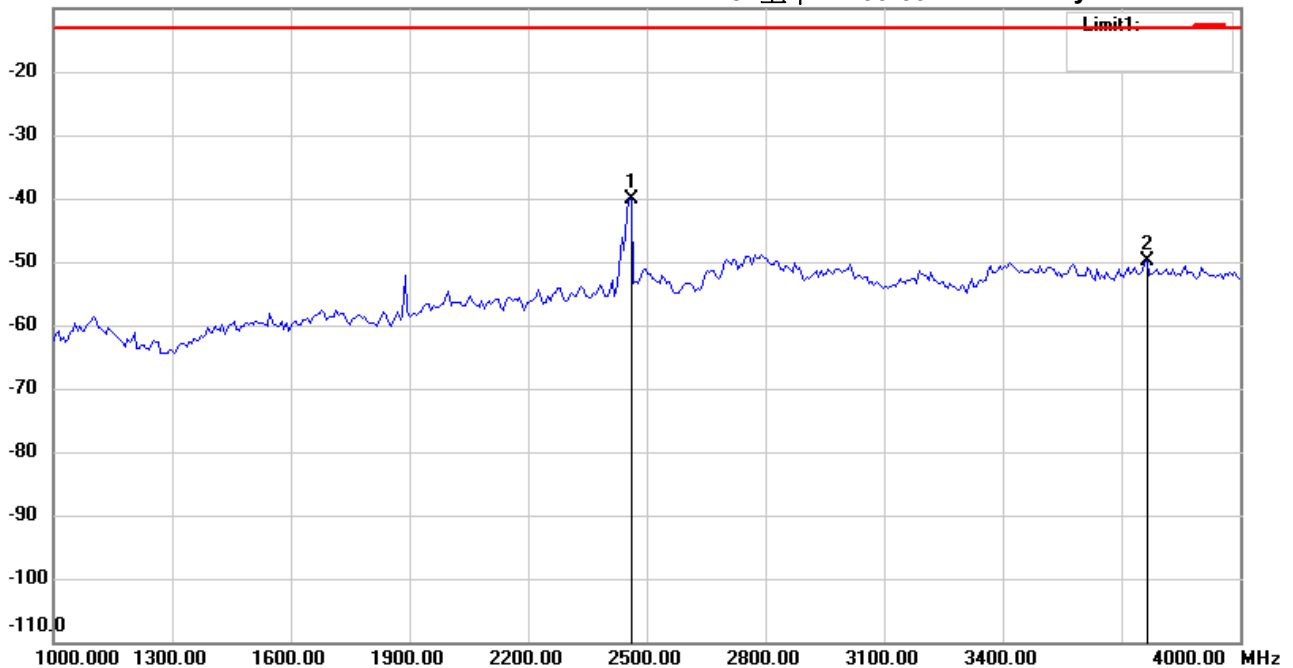
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:33:39

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: **Vertical**

Power : 120 Va.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
*	2454.910	-49.01	peak	8.98	-40.03	-13.00	150	245	-27.03	
	3765.531	-60.66	peak	10.75	-49.91	-13.00	150	160	-36.91	

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



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

Operator: Kent

File : 3

Data : #2

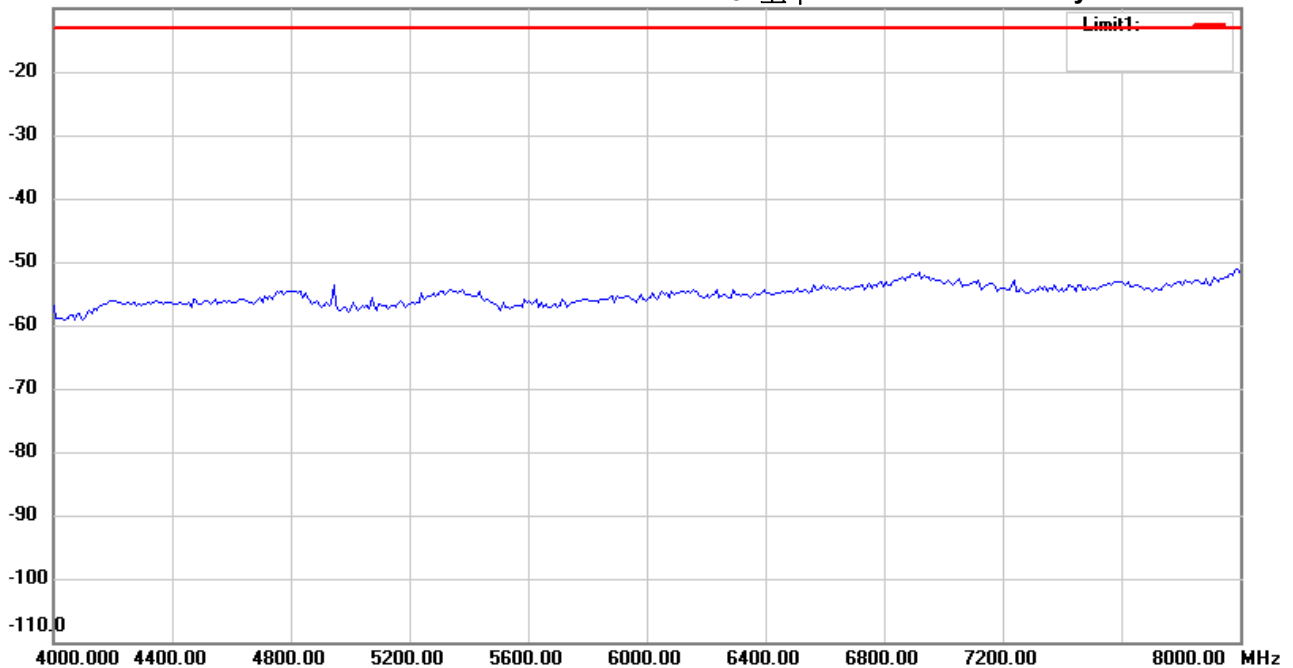
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:22:17

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #7

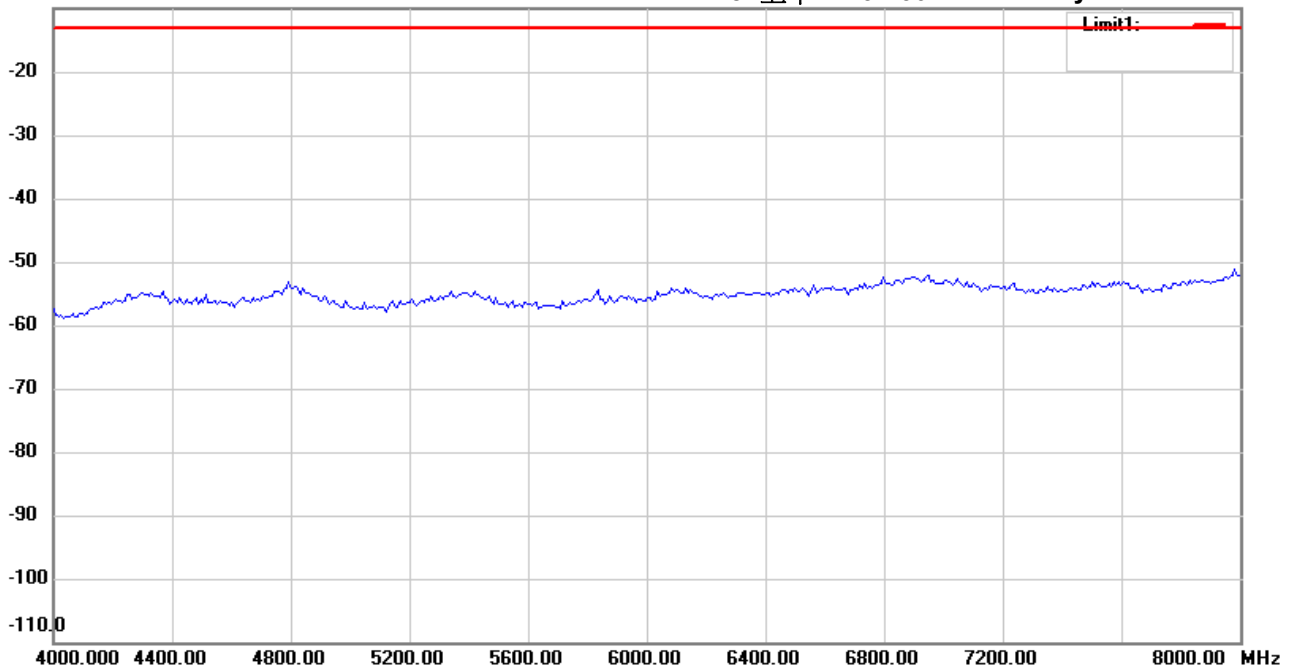
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:34:30

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :3

Data :#3

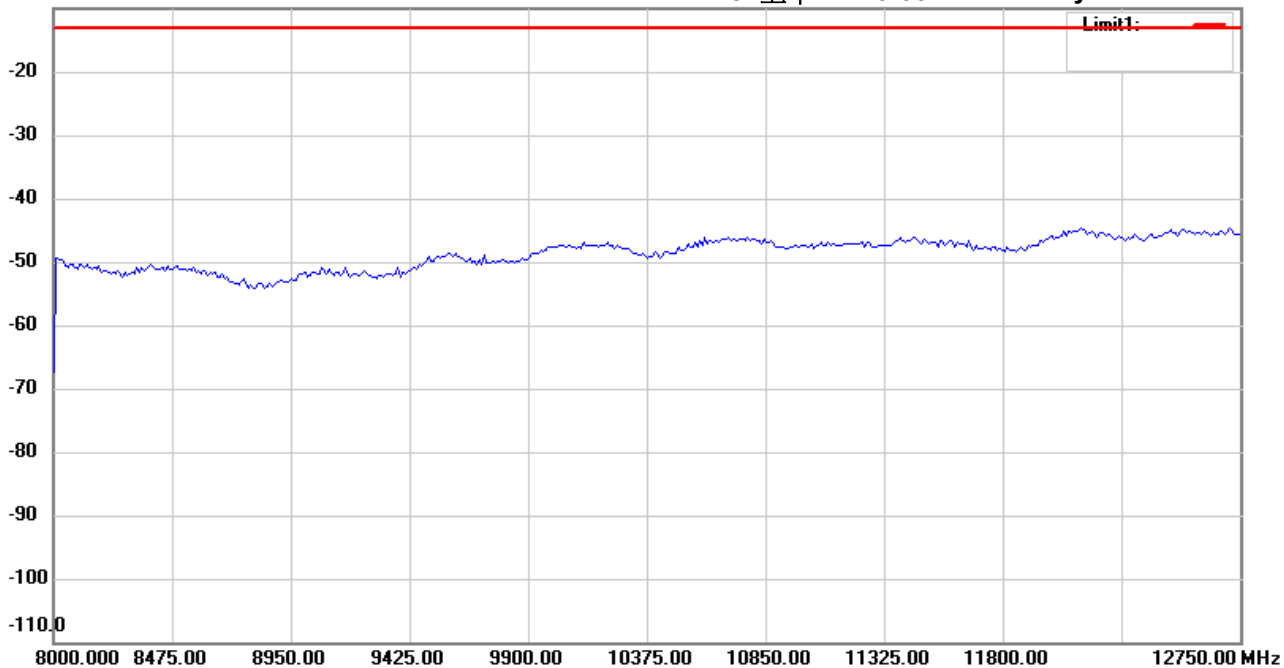
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 上午 11:23:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #8

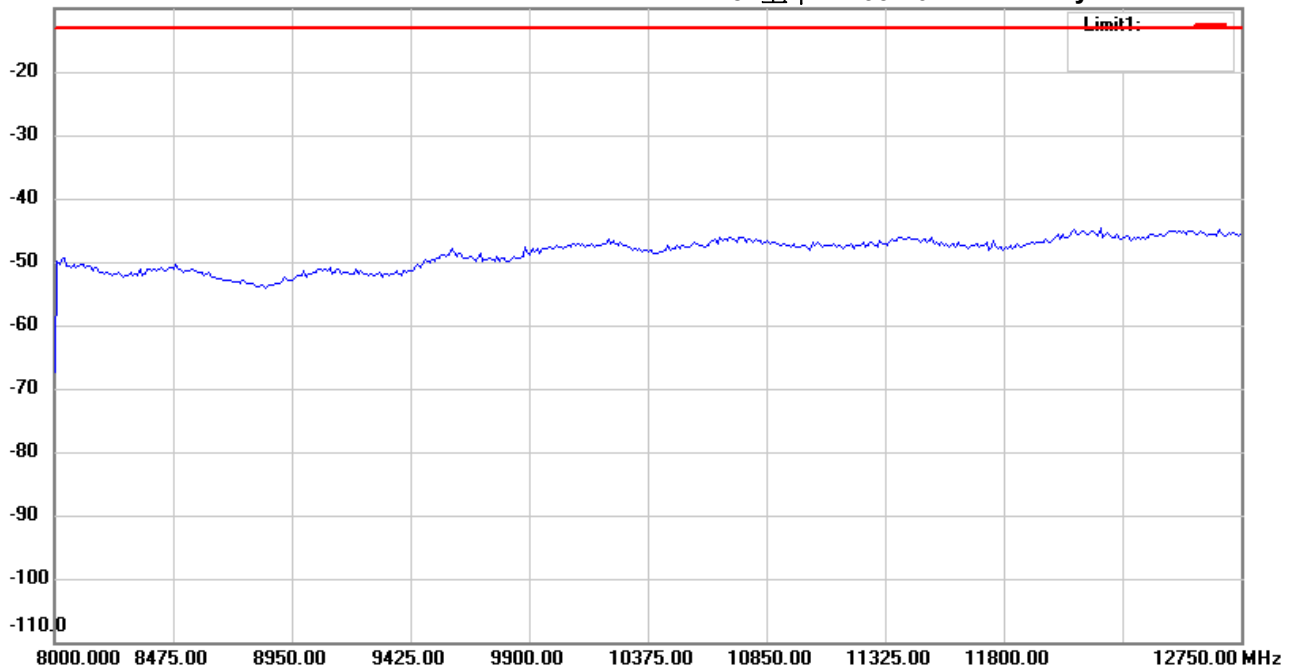
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:35:16

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #4

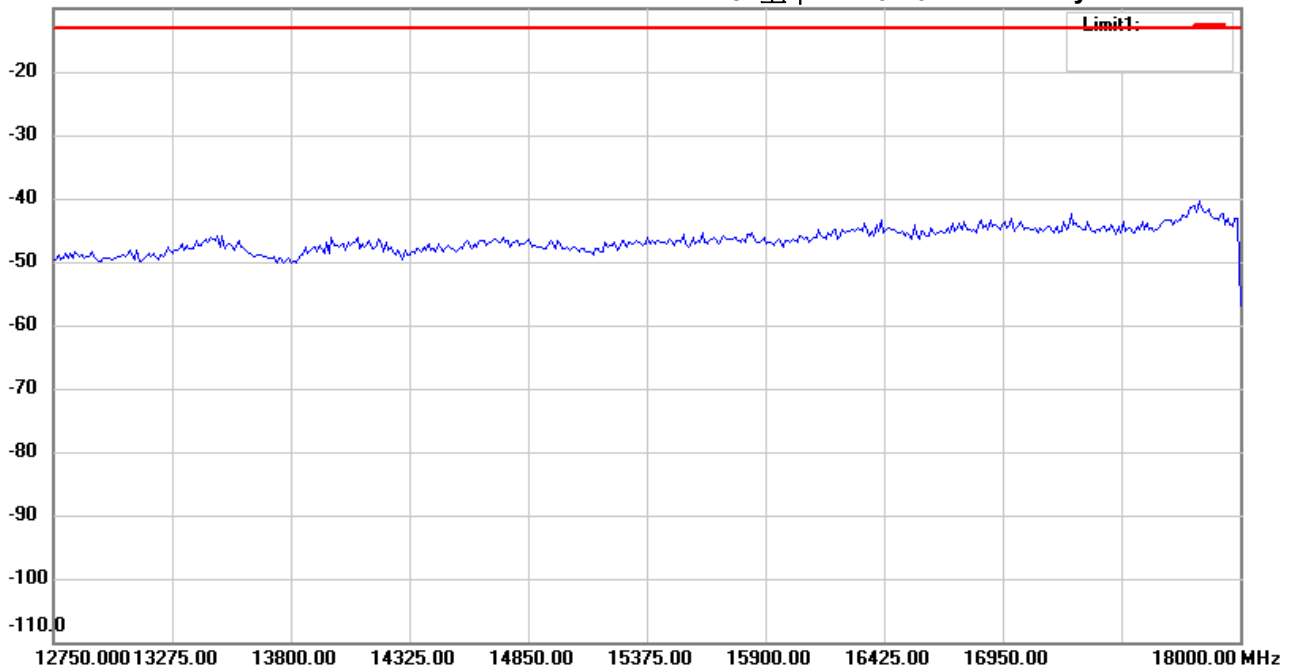
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:23:16

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #9

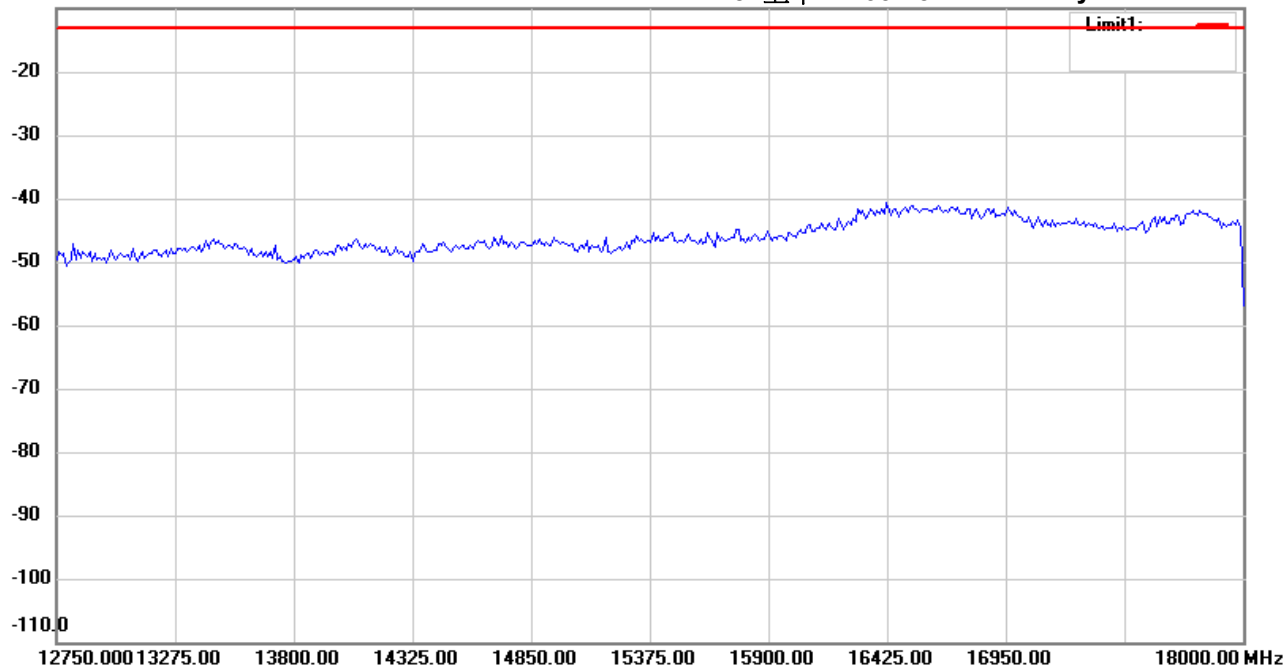
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:35:28

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #5

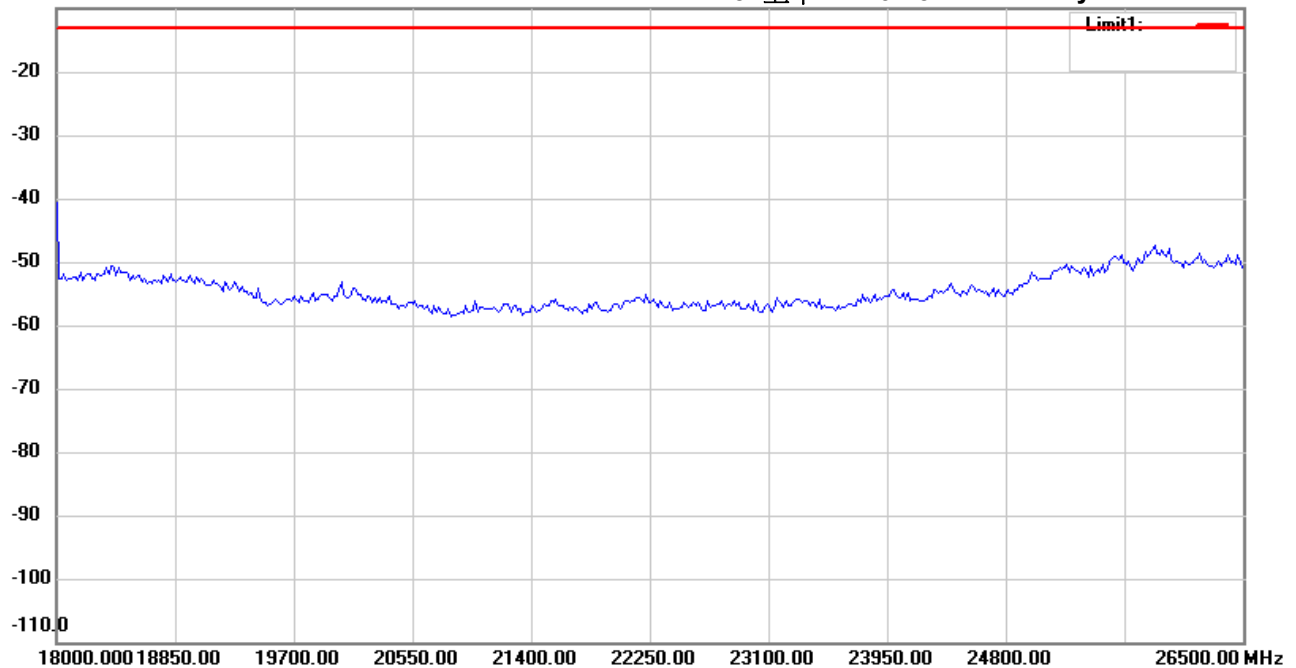
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:23:28

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #10

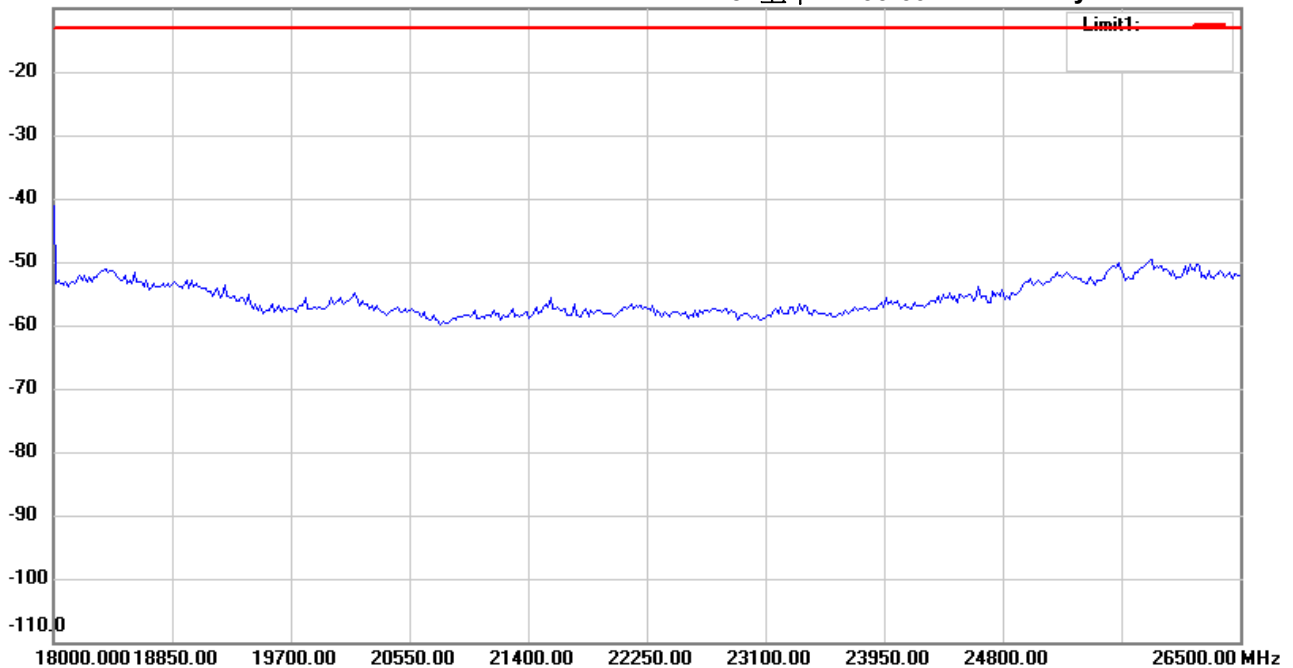
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:35:39

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9400

Note :

Polarization: **Vertical**

Power : 120 Va.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: Kent

File :1

Data :#1

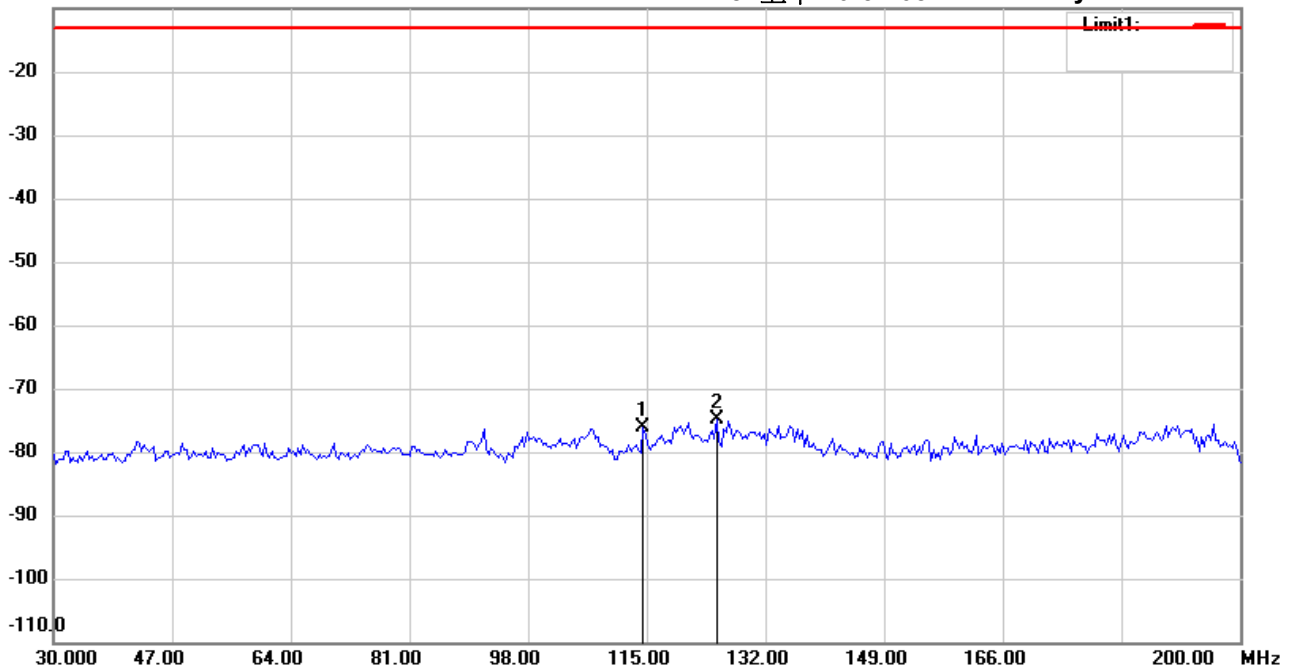
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:57:08

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: Horizontal

Power : 120 Va.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
	114.4890	-98.91	peak	22.70	-76.21	-13.00	150	160	-63.21	
*	125.0501	-97.23	peak	22.30	-74.93	-13.00	150	220	-61.93	

*: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: Kent

File :1

Data :#2

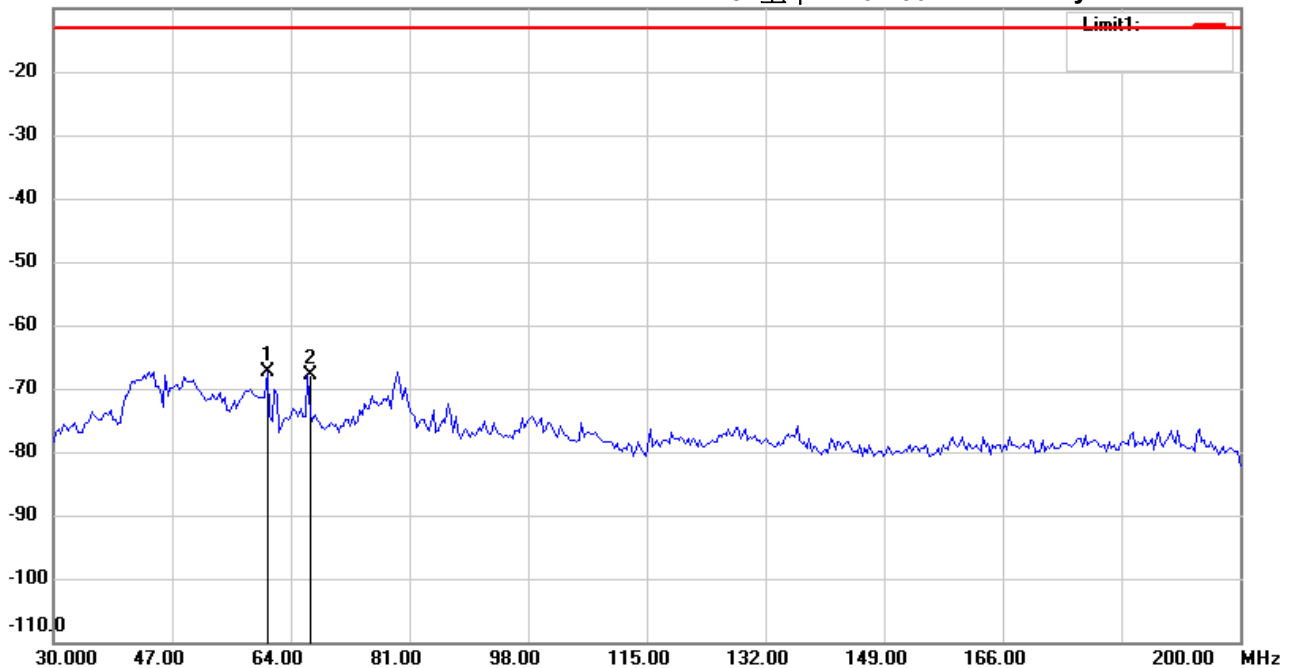
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:07:30

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	60.6613	-91.35	peak	24.06	-67.29	-13.00	150	110	-54.29	
	66.4530	-91.94	peak	24.01	-67.93	-13.00	150	185	-54.93	

*: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: Kent

File :2

Data :#1

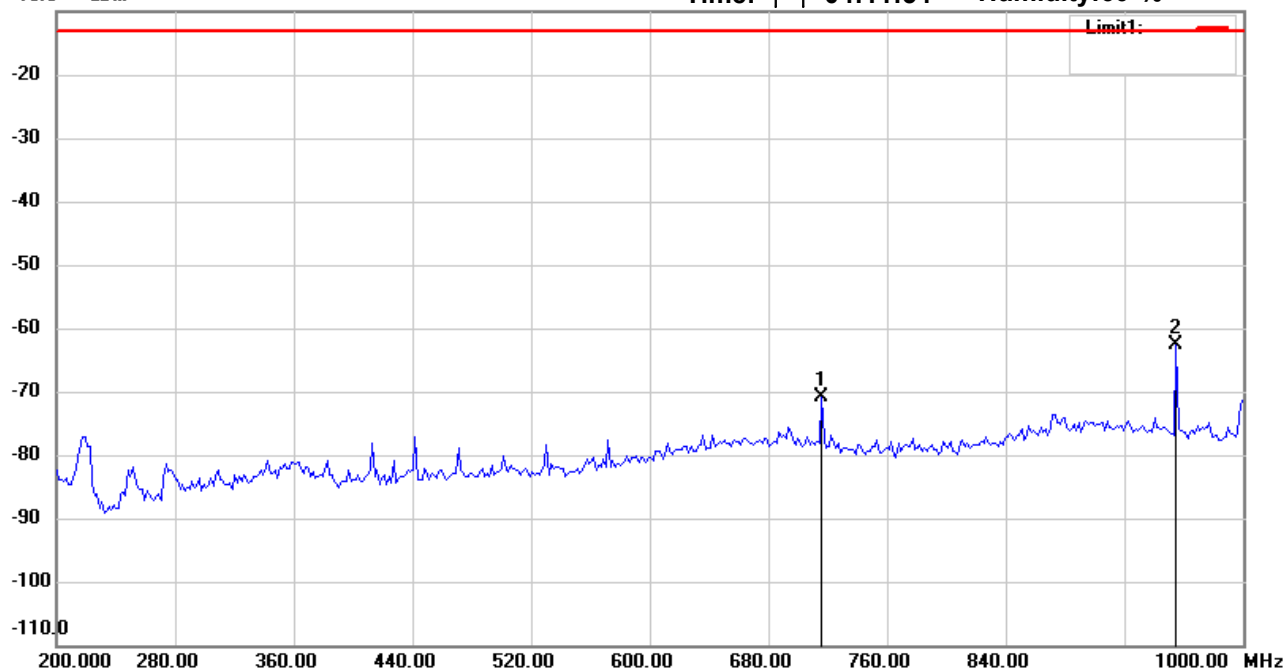
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 下午 04:11:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	716.2325	-69.38	peak	-1.41	-70.79	-13.00	150	110	-57.79	
*	955.1102	-62.47	peak	-0.09	-62.56	-13.00	150	245	-49.56	

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



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Radiated Emission Measurement

Operator: Kent

File :2

Data :#2

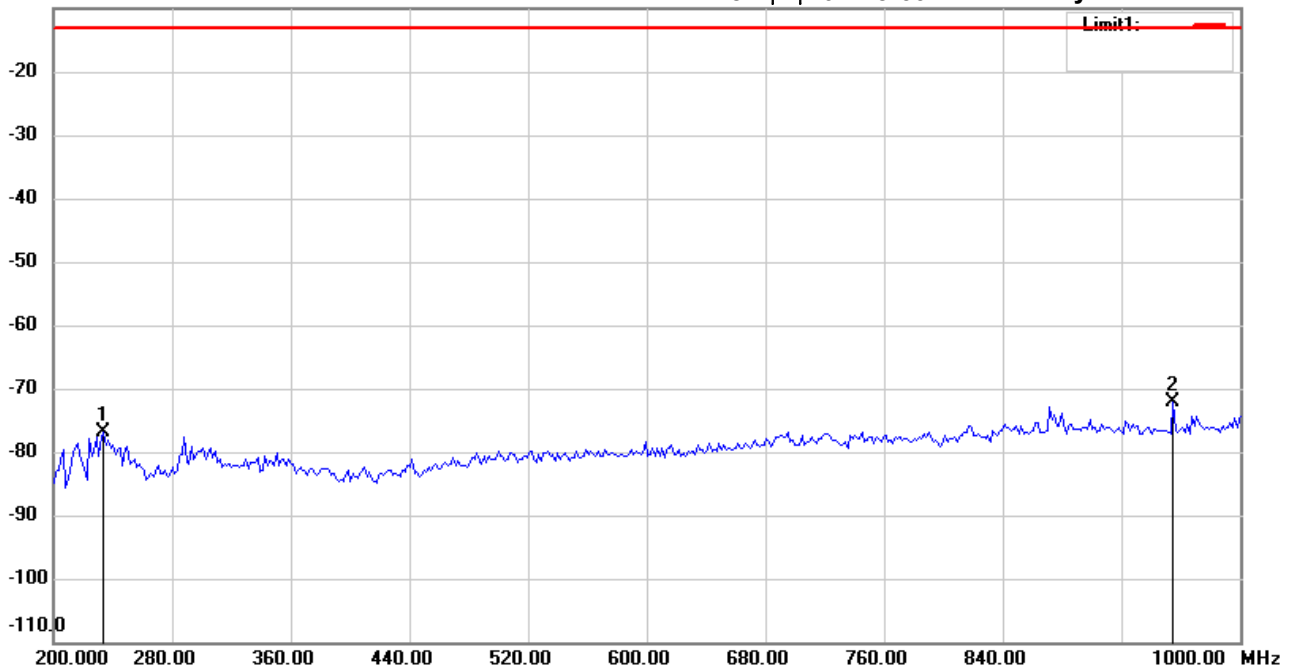
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 04:18:39

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Vertical*

Power : 120 Va.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
	233.6673	-65.14	peak	-11.85	-76.99	-13.00	150	305	-63.99	
*	955.1102	-71.89	peak	-0.33	-72.22	-13.00	150	220	-59.22	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

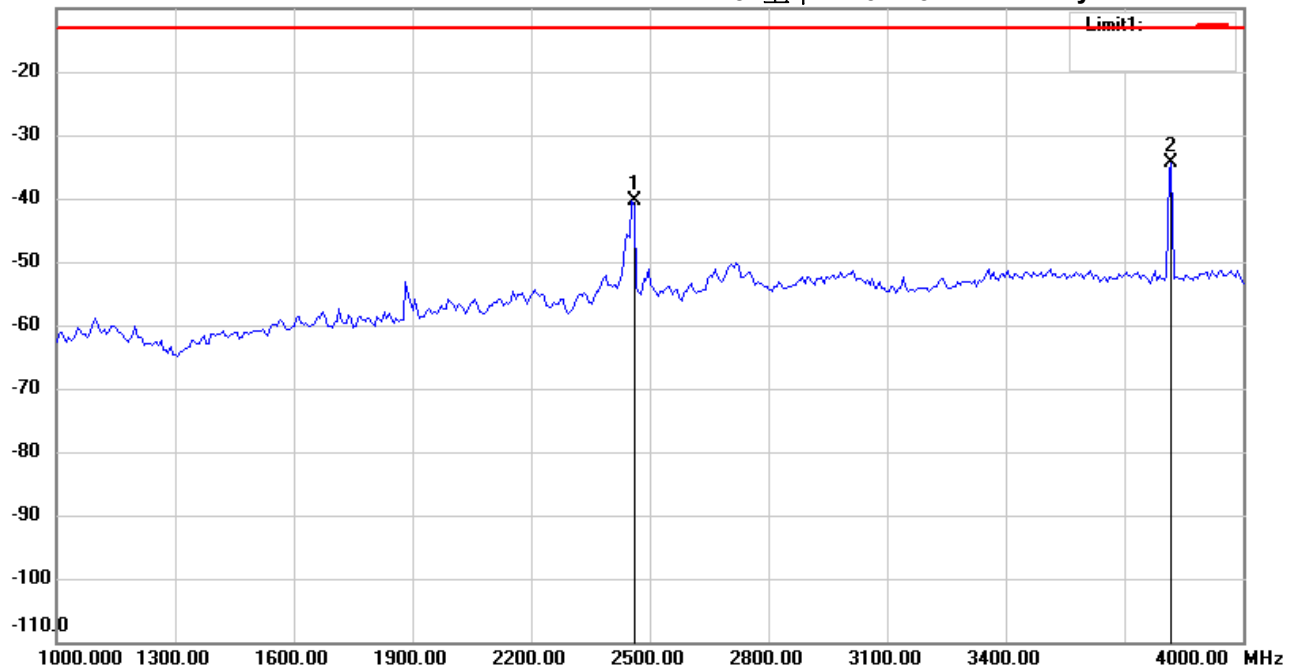
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:52:48

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	2454.910	-48.85	peak	8.42	-40.43	-13.00	150	160	-27.43	
*	3819.639	-44.34	peak	9.95	-34.39	-13.00	150	245	-21.39	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#6

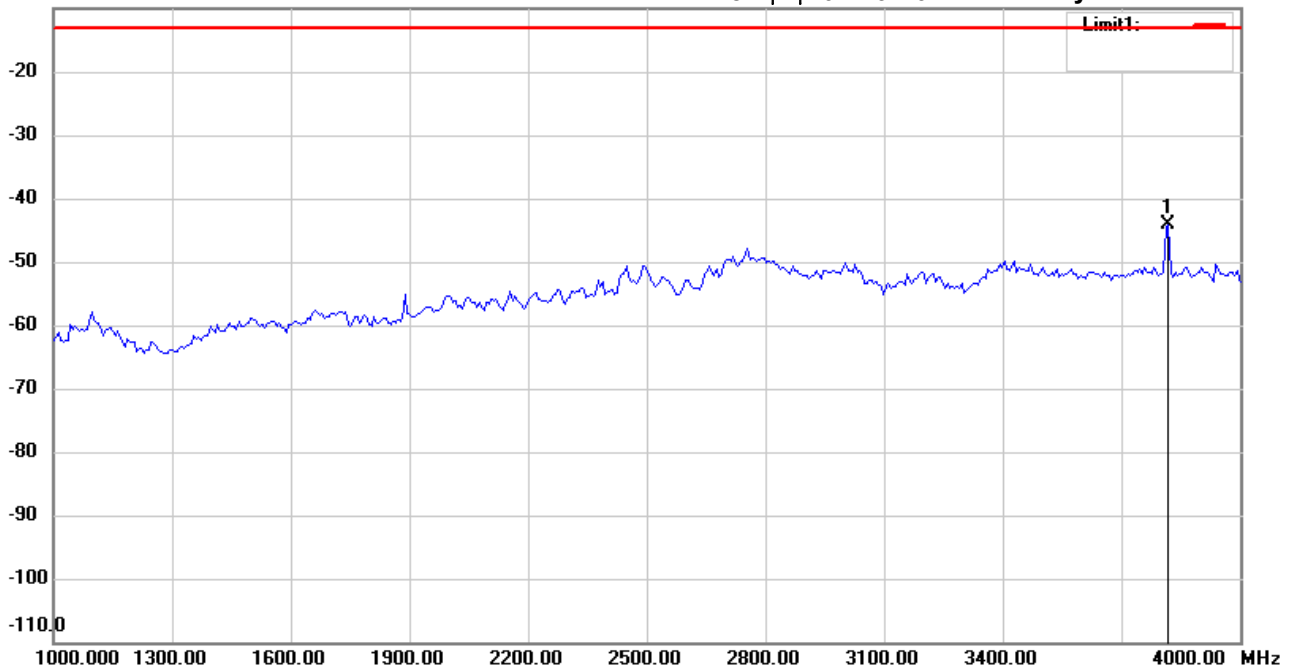
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:19:26

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: Vertical

Power : 120 Va.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
*	3819.639	-55.13	peak	10.93	-44.20	-13.00	150	201	-31.20	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#2

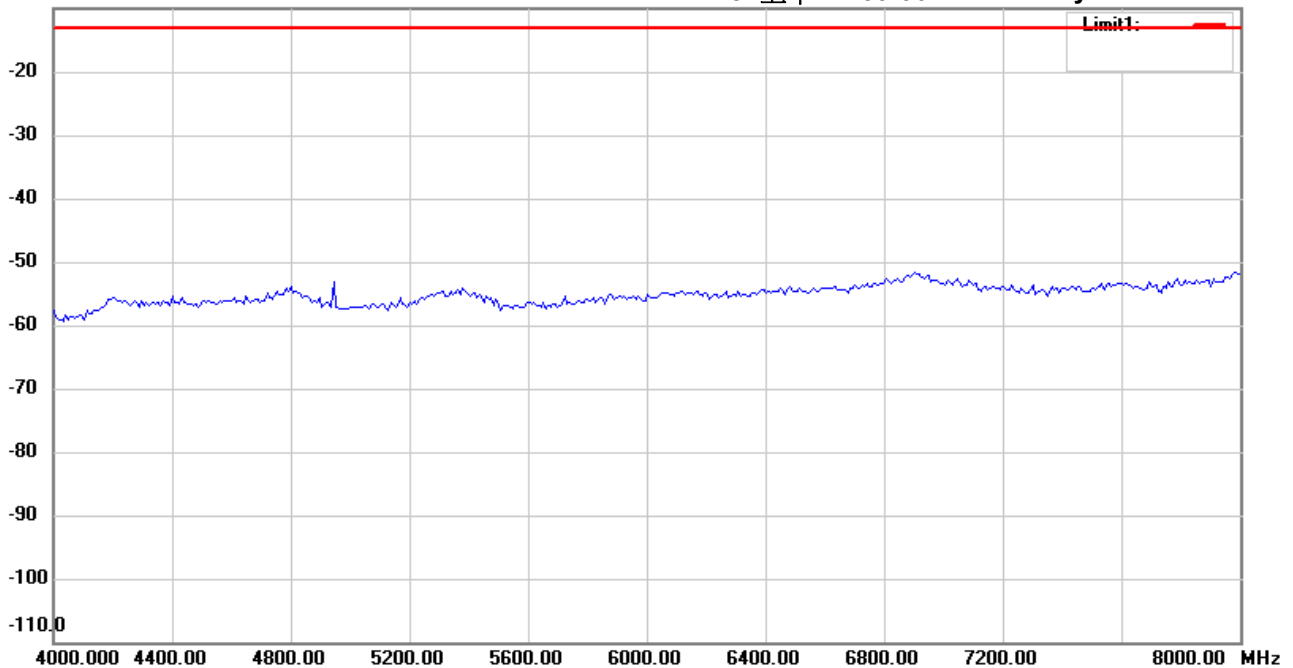
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 上午 11:53:36

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #7

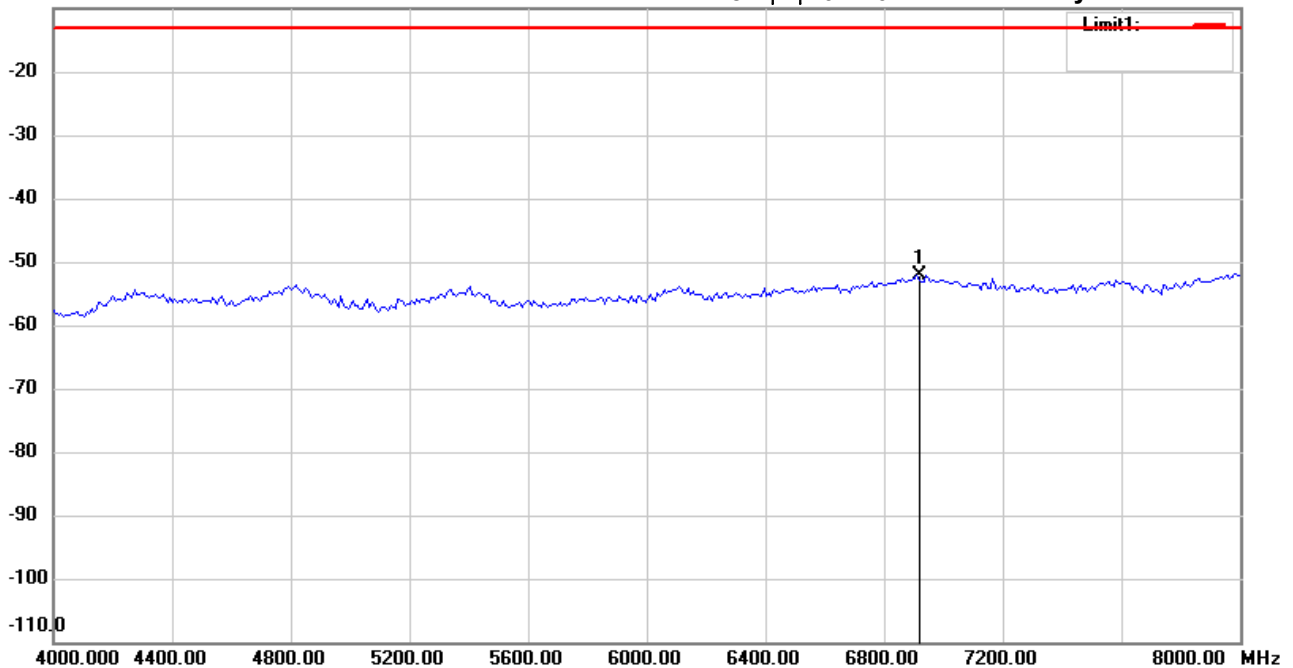
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:20:11

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Vertical*

Power : 120 Va.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
*	6909.820	-65.45	peak	13.41	-52.04	-13.00	150	305	-39.04	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #3

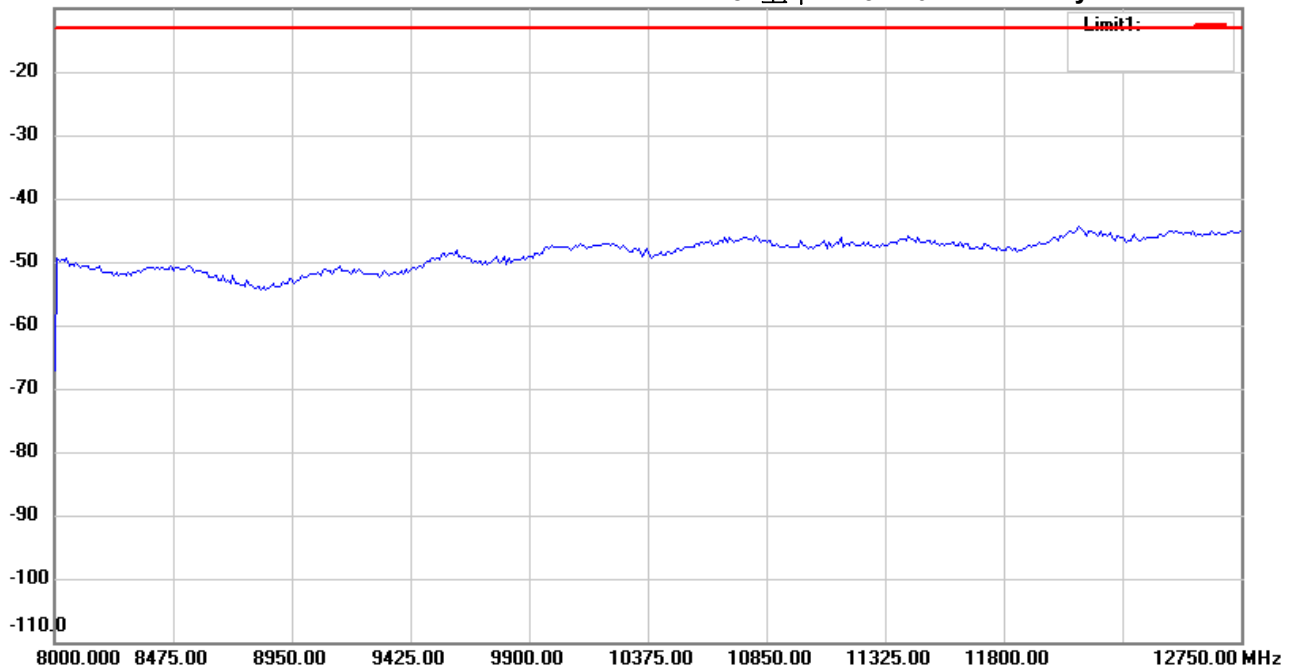
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:54:20

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File :3

Data :#8

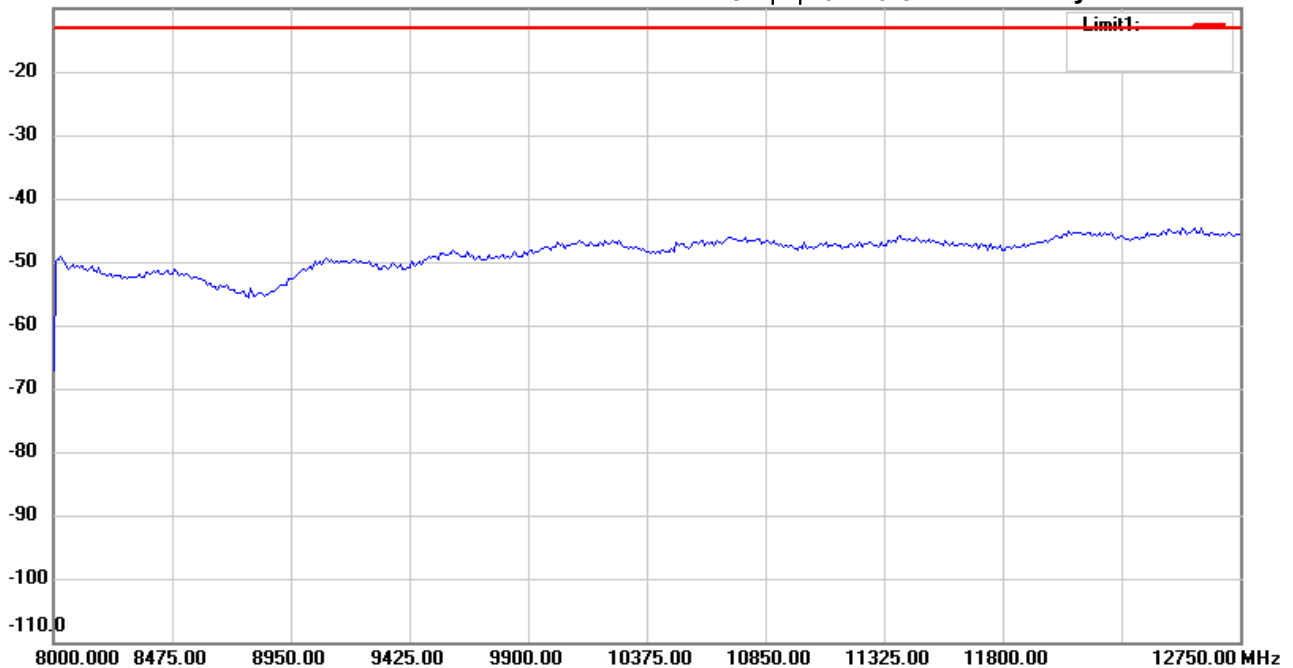
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 下午 01:20:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #4

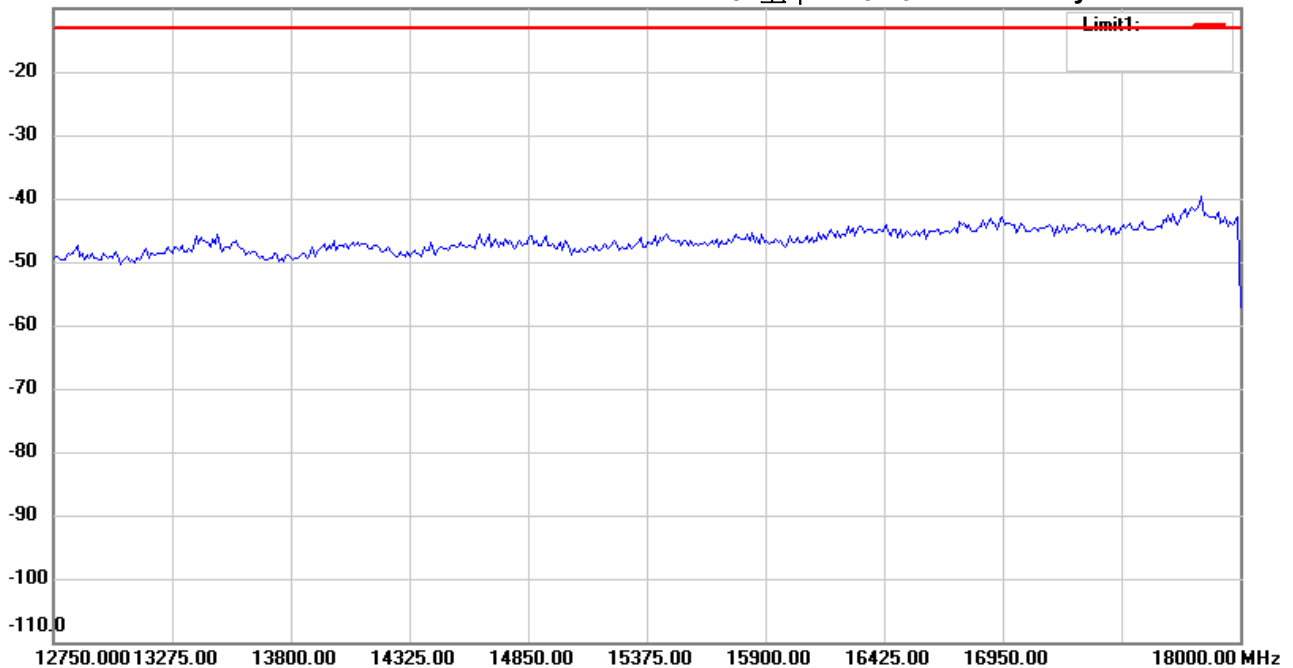
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:54:32

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File :3

Data :#9

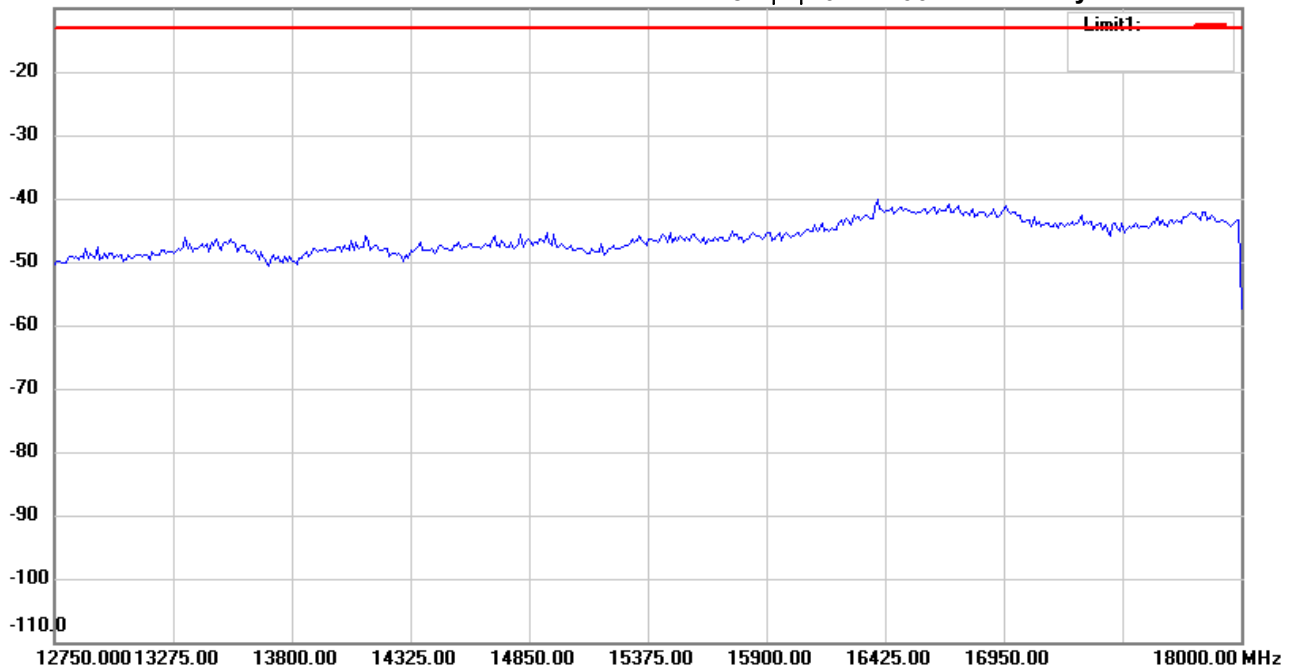
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 下午 01:21:06

Humidity:60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #5

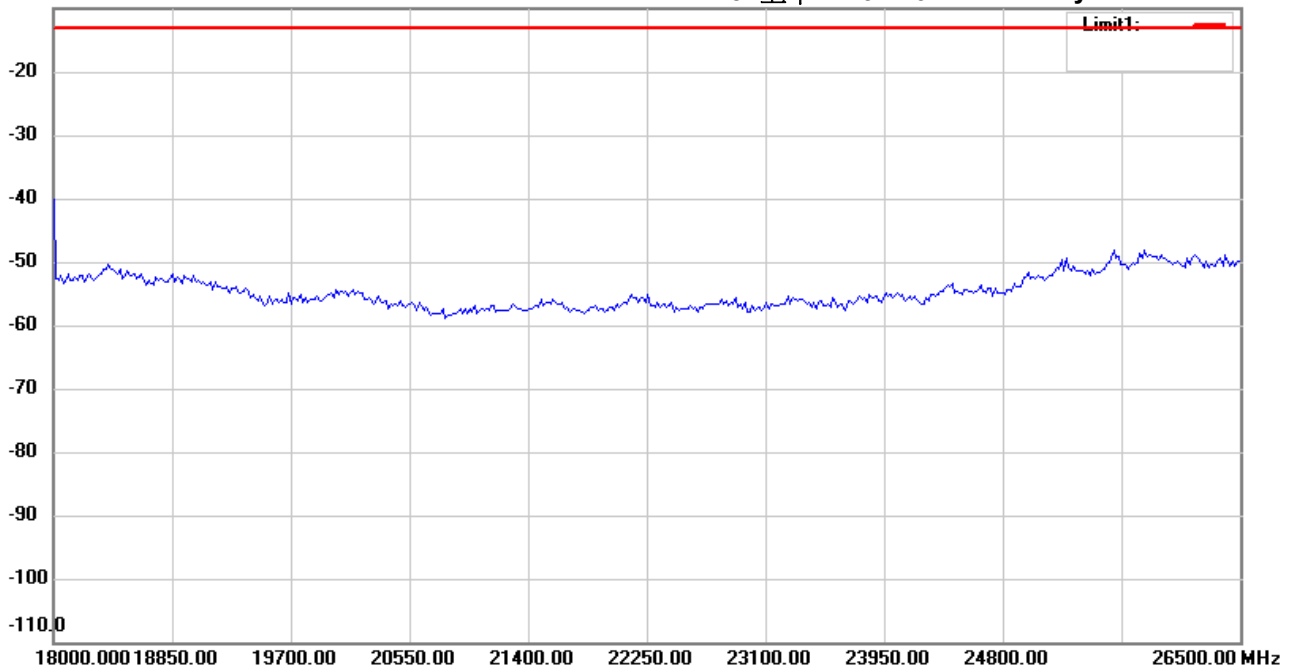
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 11:54:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #10

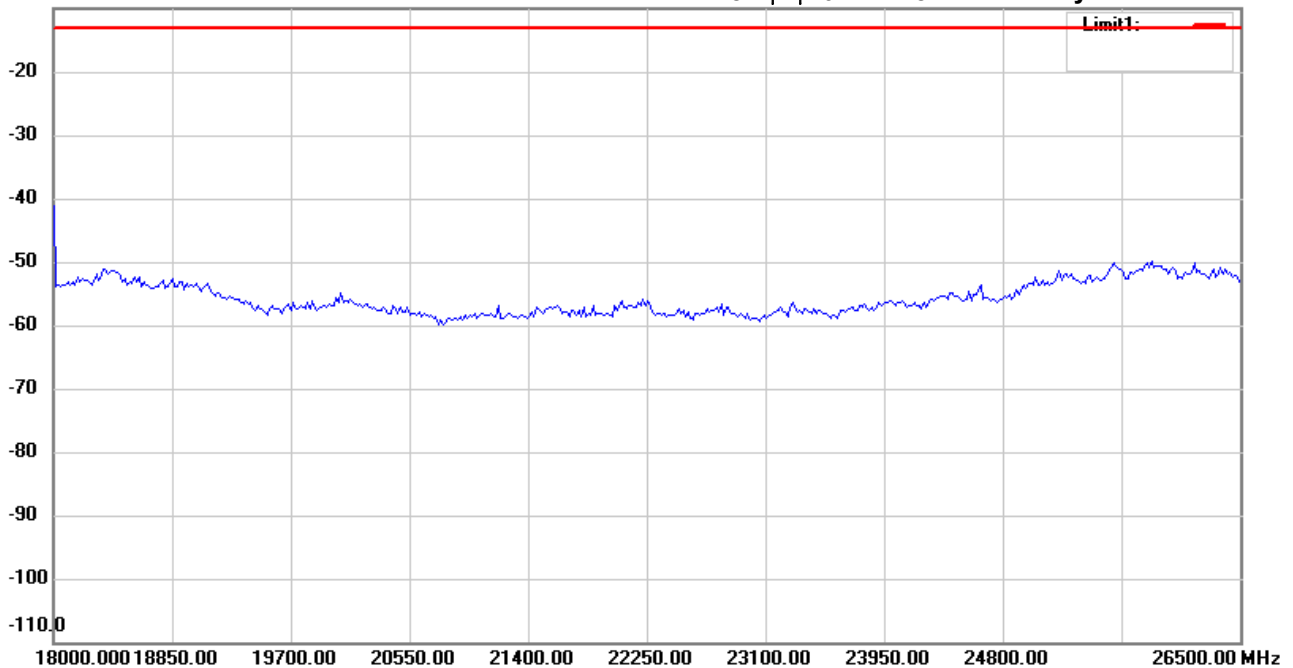
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 下午 01:21:18

Humidity: 60 %



Site : Chamber

Condition : FCC_part 24 (1900 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH9538

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :1

Data :#1

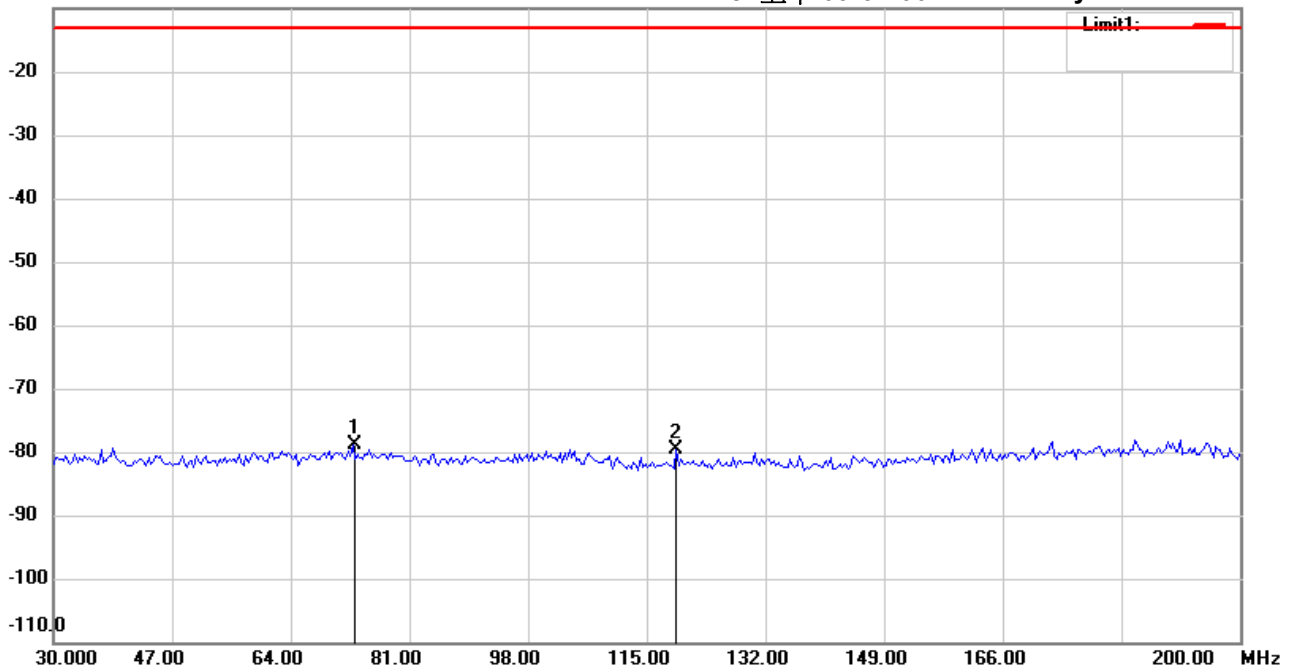
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:34:06

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	72.9260	-102.78	peak	23.95	-78.83	-13.00	150	185	-65.83	
	119.2585	-101.92	peak	22.38	-79.54	-13.00	150	220	-66.54	

*: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: Kent

File :1

Data :#2

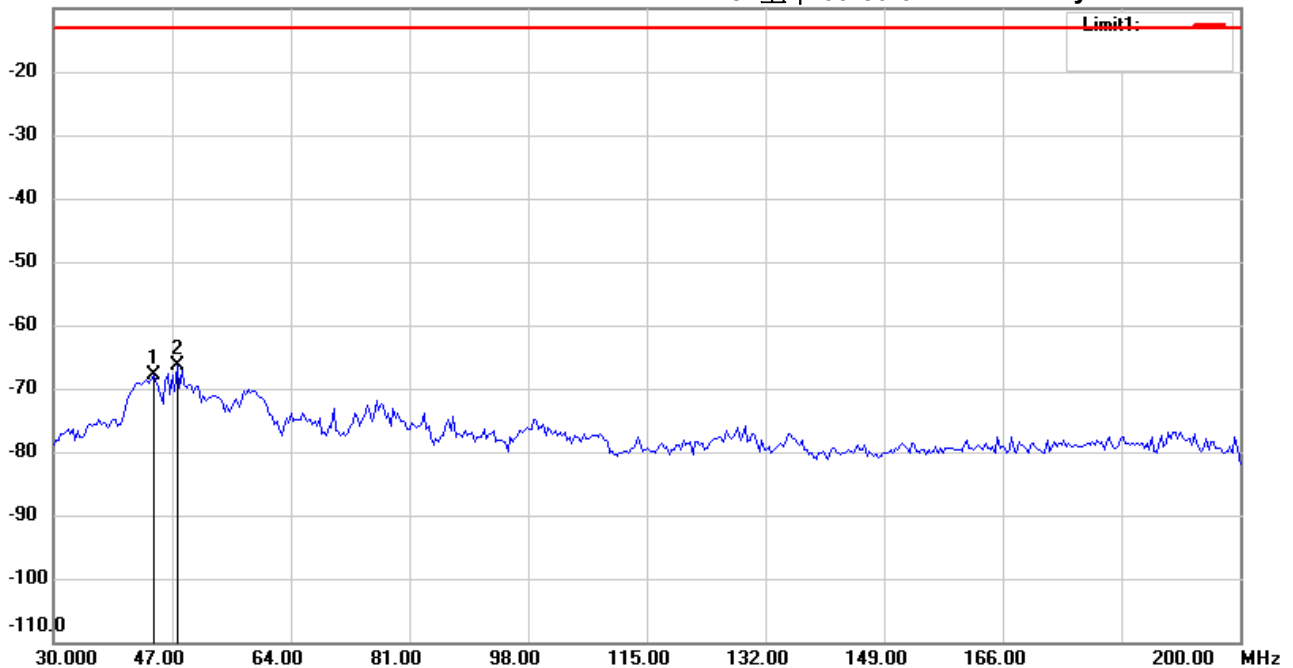
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:50:32

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: *Vertical*

Power : 120 Va.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
	44.3086	-91.37	peak	23.40	-67.97	-13.00	150	110	-54.97	
*	47.7154	-89.82	peak	23.44	-66.38	-13.00	150	245	-53.38	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #1

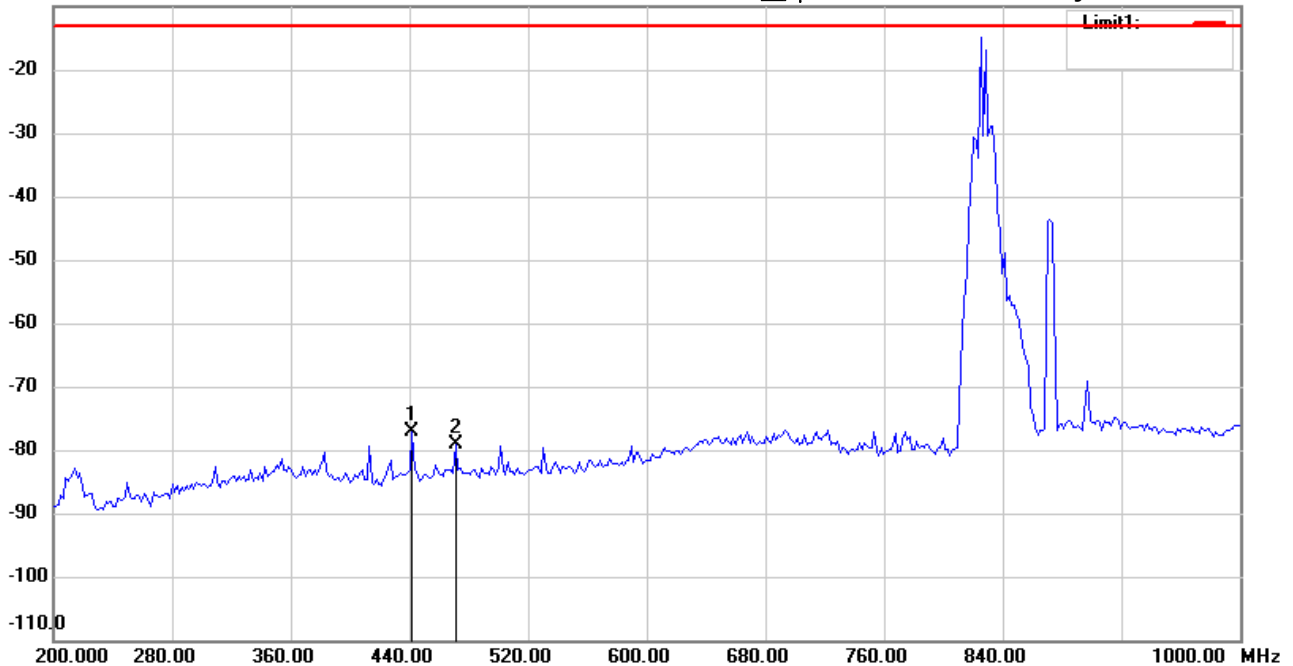
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:11:31

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	442.0842	-69.59	peak	-7.57	-77.16	-13.00	150	245	-64.16	
	470.9418	-71.91	peak	-7.12	-79.03	-13.00	150	110	-66.03	

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



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Radiated Emission Measurement

Operator: Kent

File :2

Data :#2

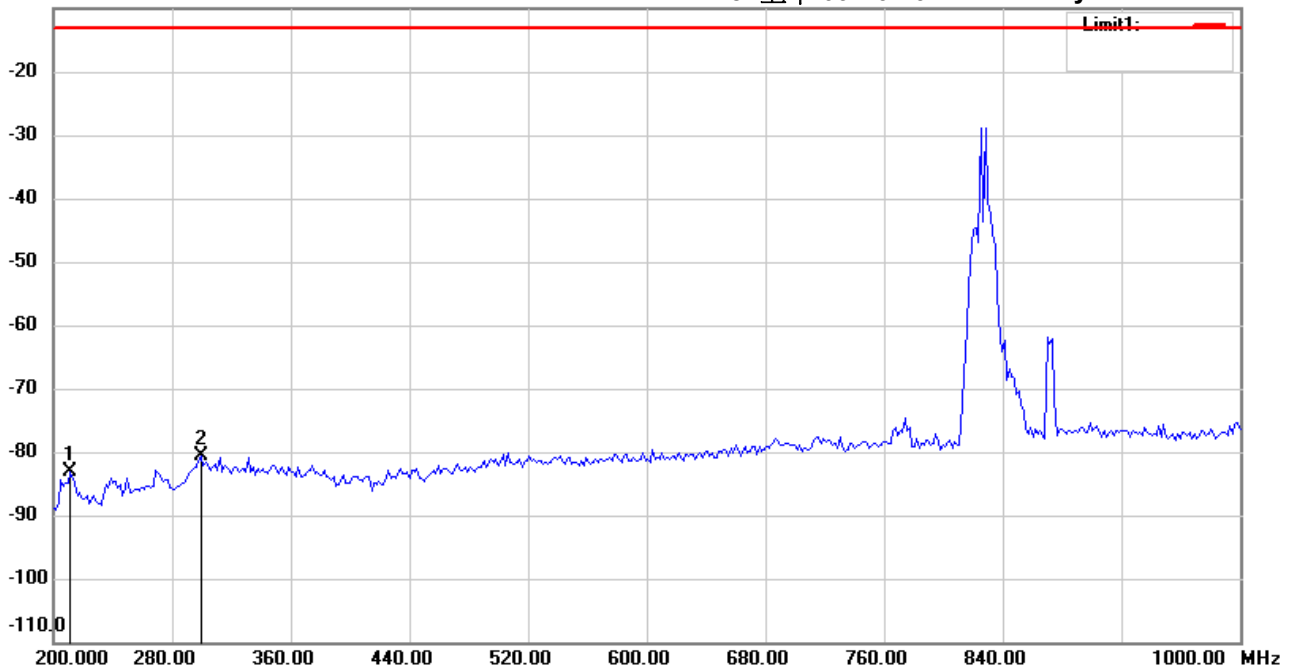
Date: 2016/10/14

Temperature:24 °C

-10.0 dBm

Time: 上午 09:16:49

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: **Vertical**

Power : 120 Va.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
	211.2224	-69.51	peak	-13.50	-83.01	-13.00	150	220	-70.01	
*	299.3987	-74.96	peak	-5.55	-80.51	-13.00	150	160	-67.51	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

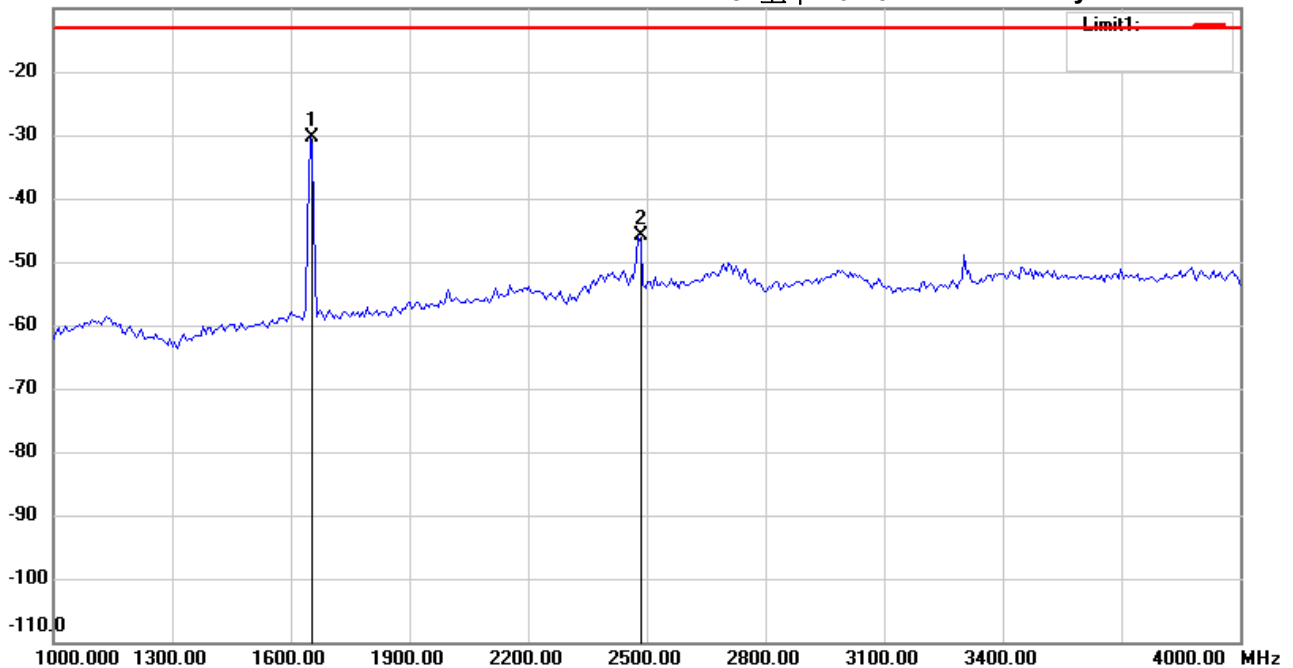
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:15:42

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: *Horizontal*

Power : 120 Va.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	-33.15	peak	2.76	-30.39	-13.00	150	330	-17.39	
	2478.958	-54.06	peak	8.13	-45.93	-13.00	150	195	-32.93	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #4

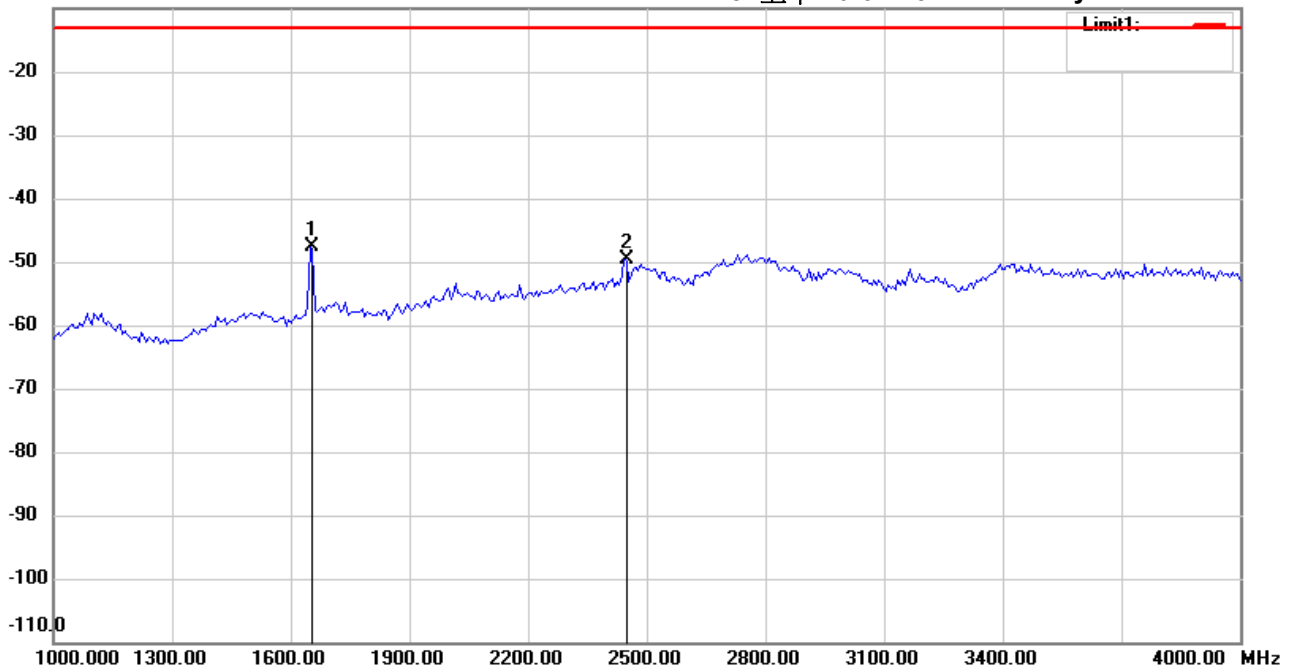
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:37:15

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: Vertical

Power : 120 Va.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	-50.97	peak	3.25	-47.72	-13.00	150	245	-34.72	
	2442.886	-58.17	peak	8.67	-49.50	-13.00	150	130	-36.50	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#2

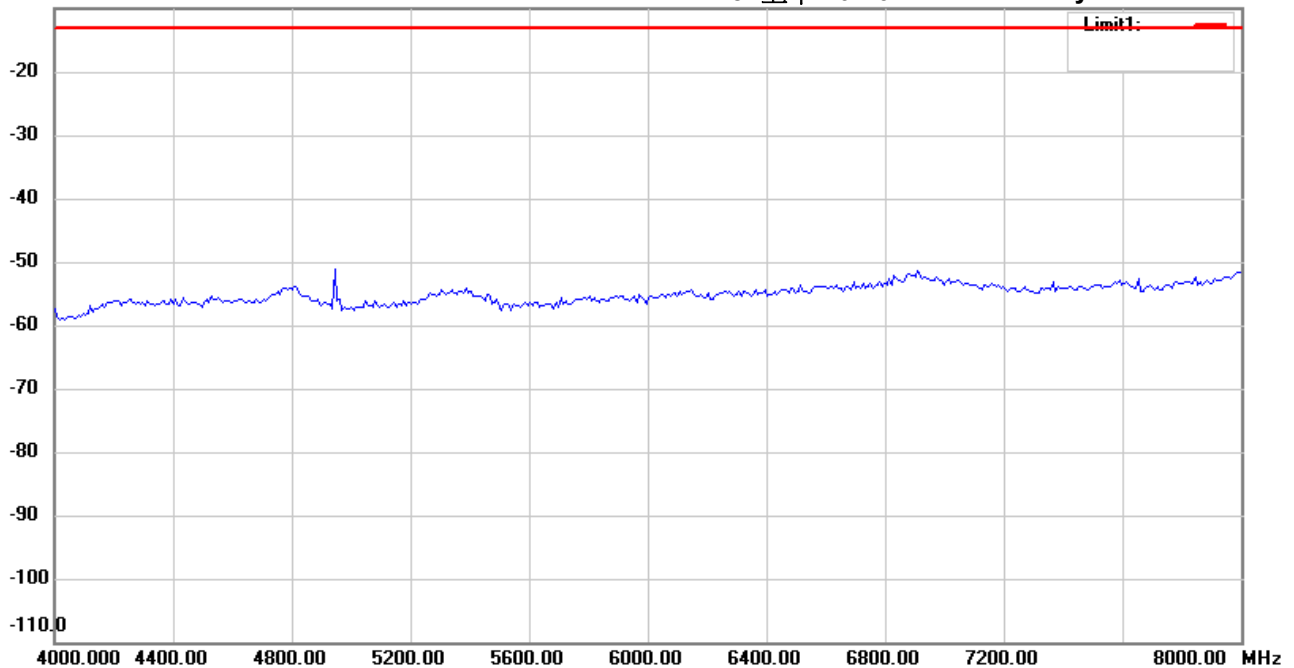
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 上午 10:16:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #5

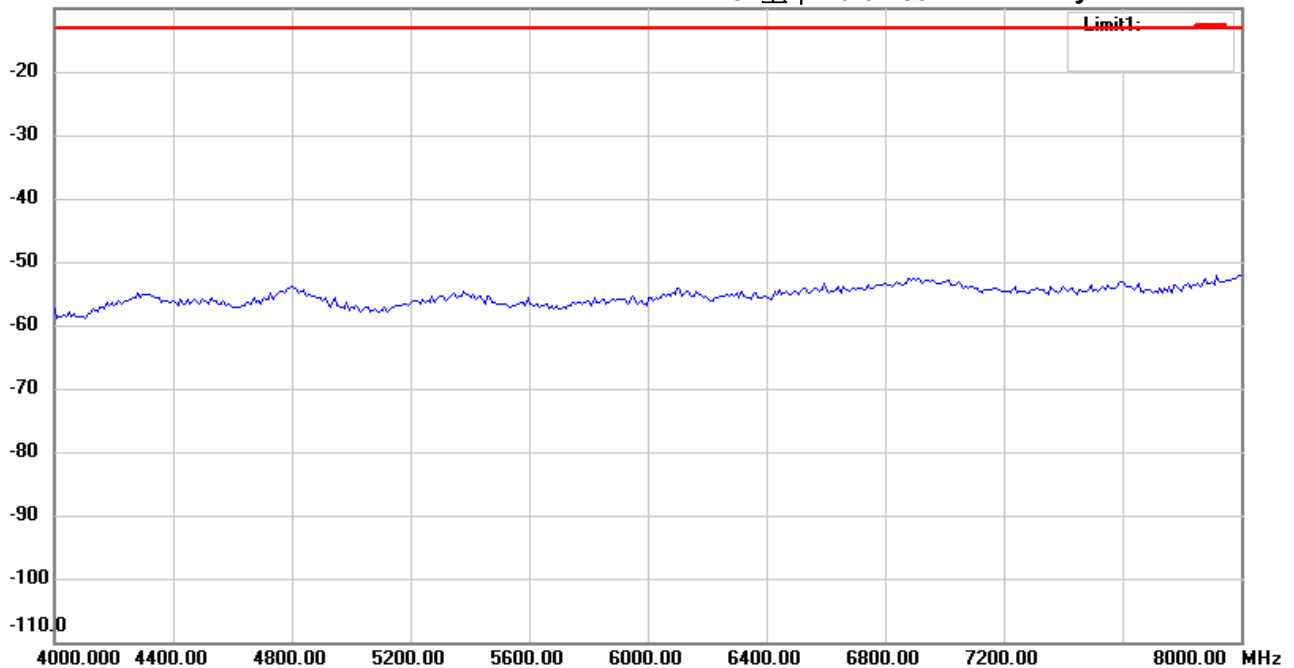
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:37:53

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #3

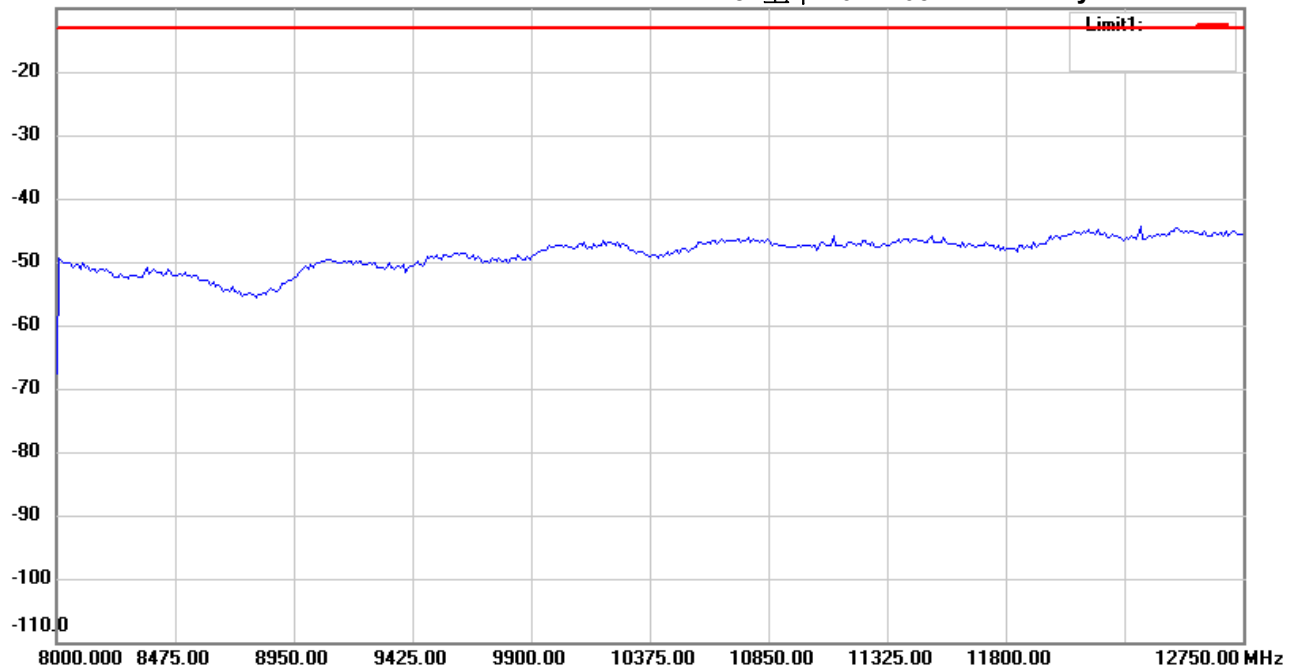
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:17:05

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: *Horizontal*

Power : 120 V.a.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: Kent

File :3

Data :#6

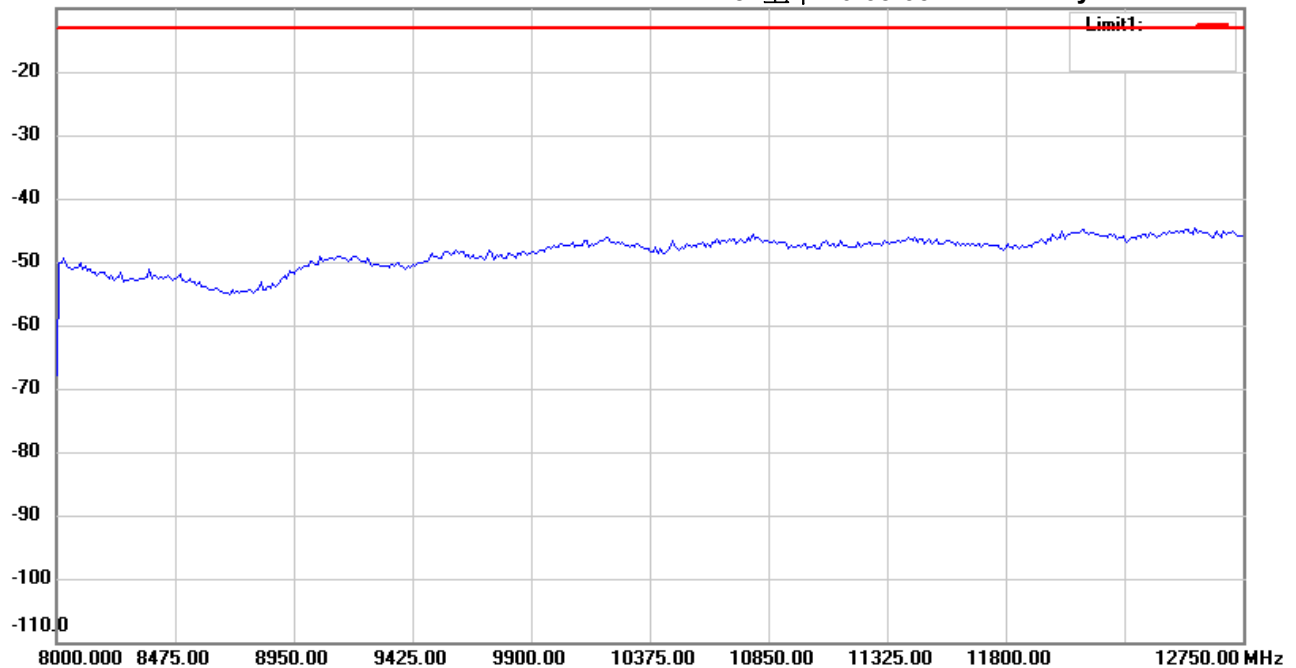
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 上午 10:38:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4132

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :1

Data :#1

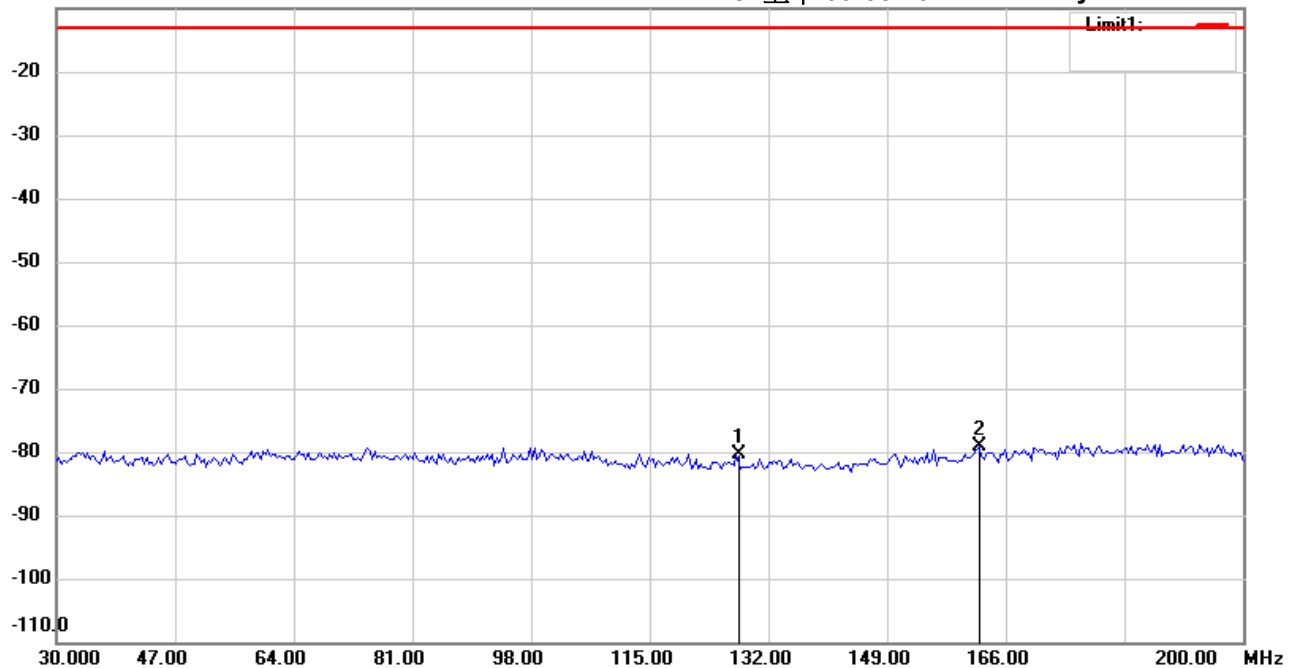
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:35:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	127.4350	-102.69	peak	22.29	-80.40	-13.00	150	245	-67.40	
*	162.1844	-102.69	peak	23.46	-79.23	-13.00	150	110	-66.23	

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



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Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

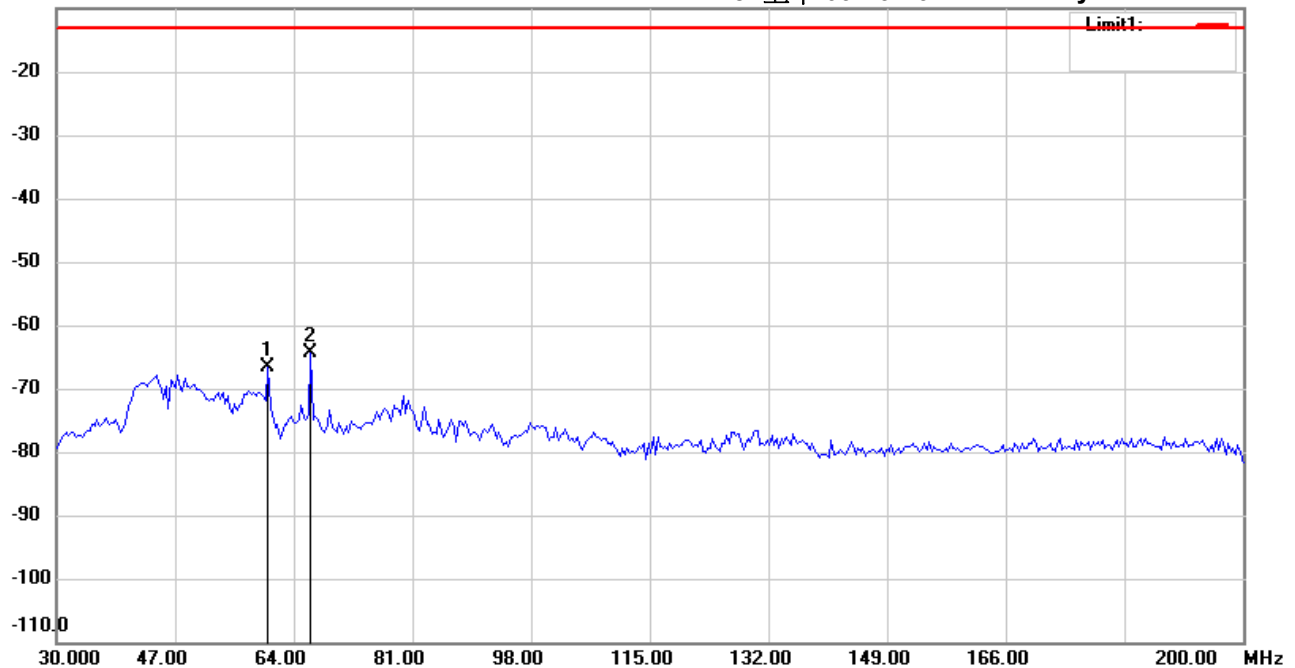
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:49:29

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: **Vertical**

Power : 120 Va.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
	60.3206	-90.76	peak	24.07	-66.69	-13.00	150	140	-53.69	
*	66.4528	-88.41	peak	24.01	-64.40	-13.00	150	175	-51.40	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #1

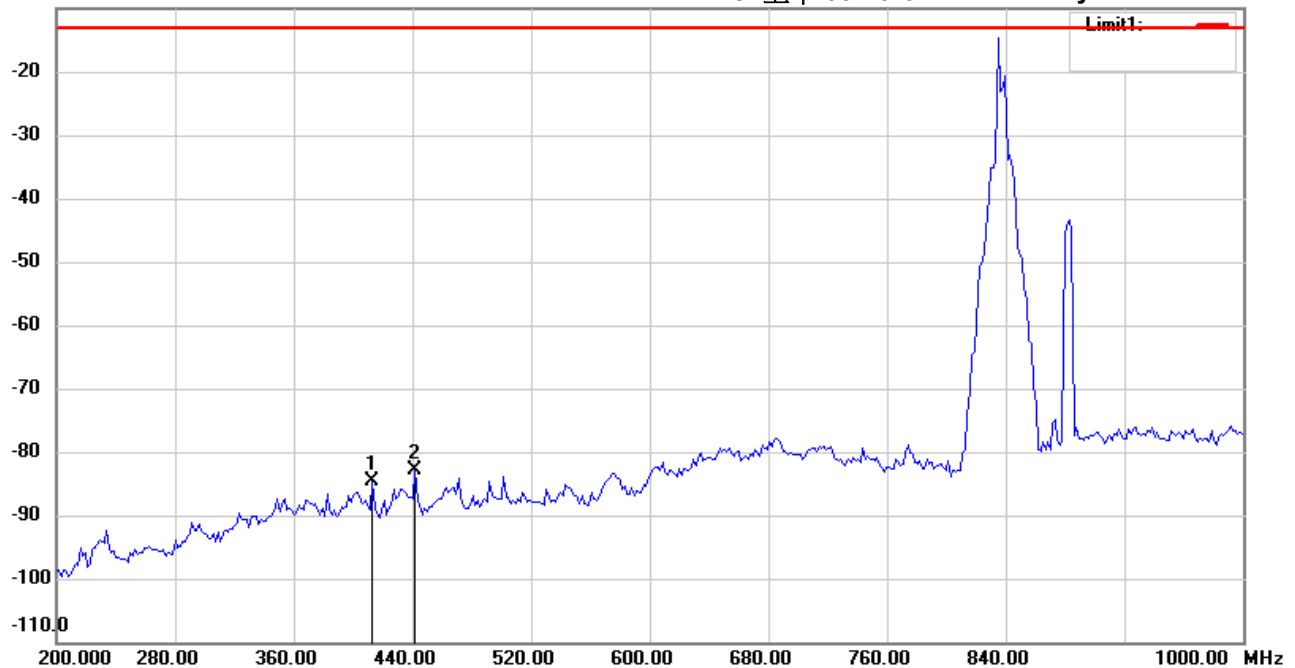
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:19:07

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: **Horizontal**

Power : 120 Va.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
	413.2265	-76.59	peak	-8.15	-84.74	-13.00	150	185	-71.74	
*	442.0842	-75.19	peak	-7.57	-82.76	-13.00	150	220	-69.76	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #2

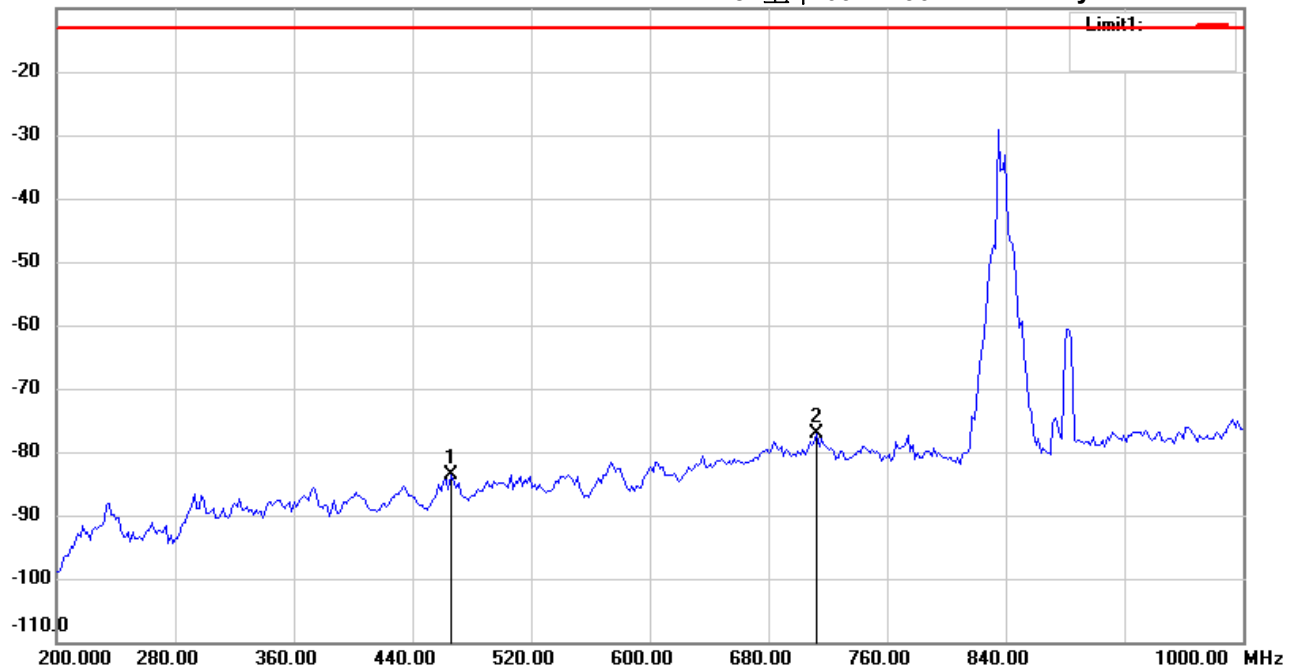
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:22:36

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: **Vertical**

Power : 120 Va.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
	466.1323	-77.27	peak	-6.24	-83.51	-13.00	150	245	-70.51	
*	713.0261	-75.73	peak	-1.27	-77.00	-13.00	150	185	-64.00	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

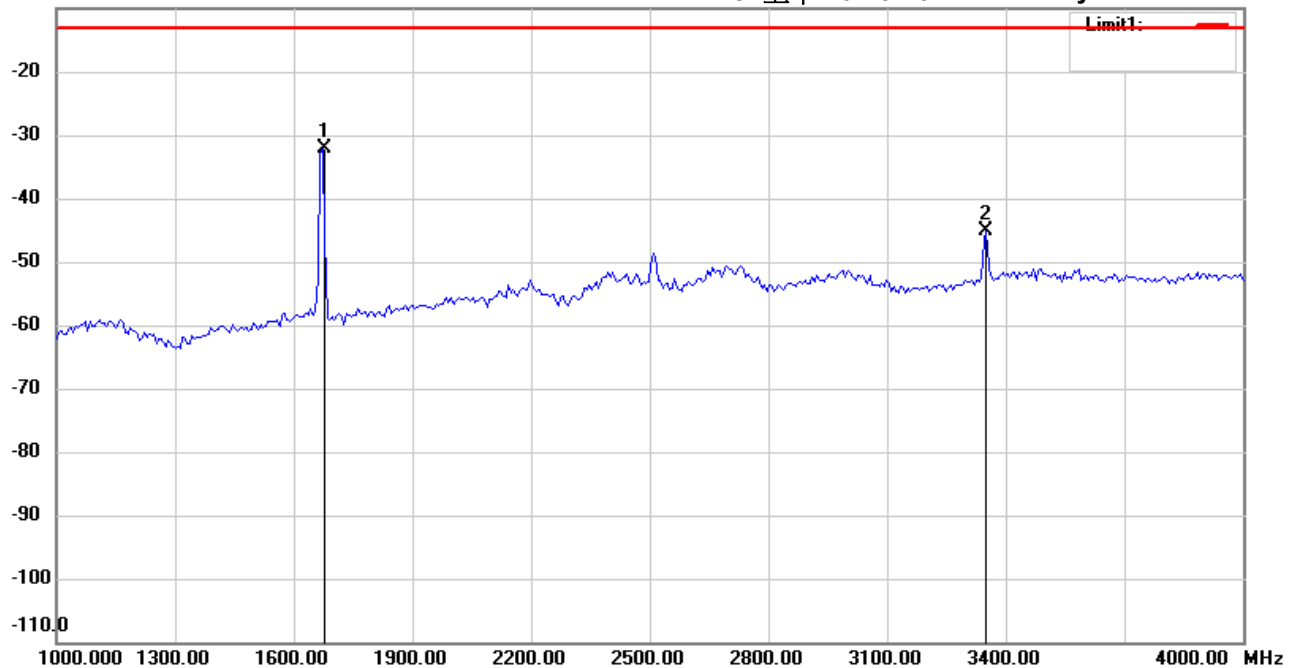
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:23:23

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: *Horizontal*

Power : 120 Va.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	-34.81	peak	2.78	-32.03	-13.00	150	110	-19.03	
	3350.701	-54.38	peak	9.26	-45.12	-13.00	150	160	-32.12	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #4

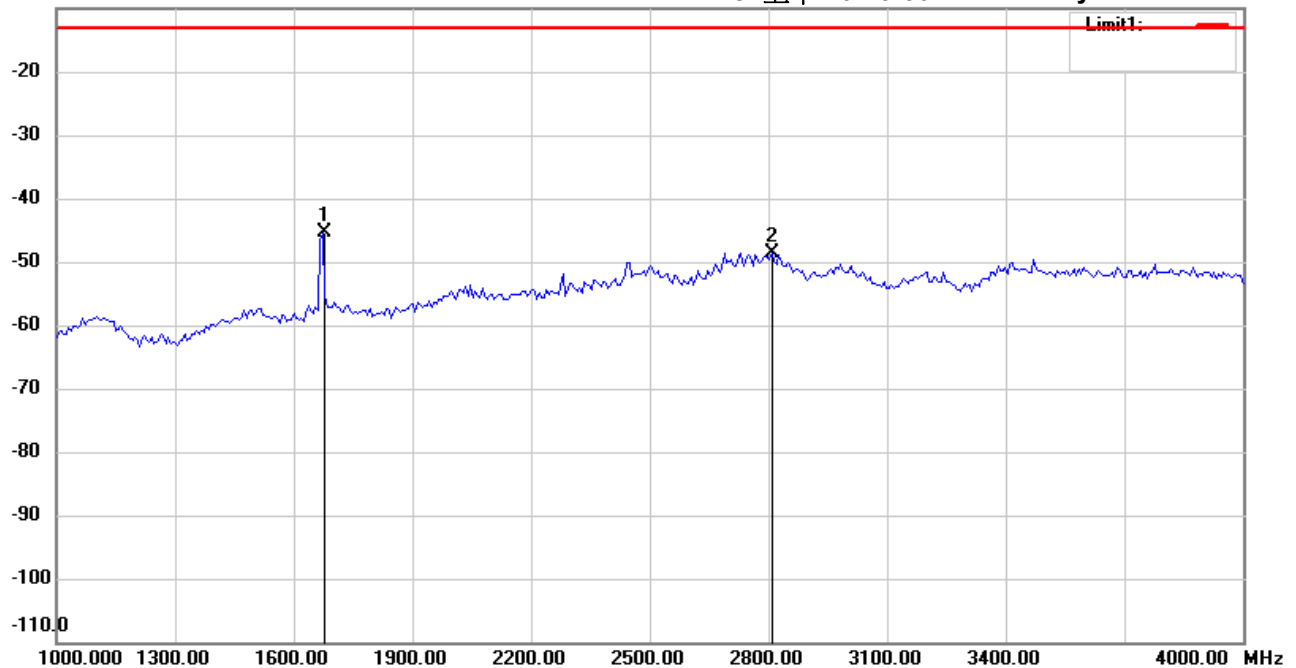
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:43:30

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: **Vertical**

Power : 120 Va.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	-49.29	peak	3.84	-45.45	-13.00	150	185	-32.45	
	2809.619	-60.34	peak	11.79	-48.55	-13.00	150	305	-35.55	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #2

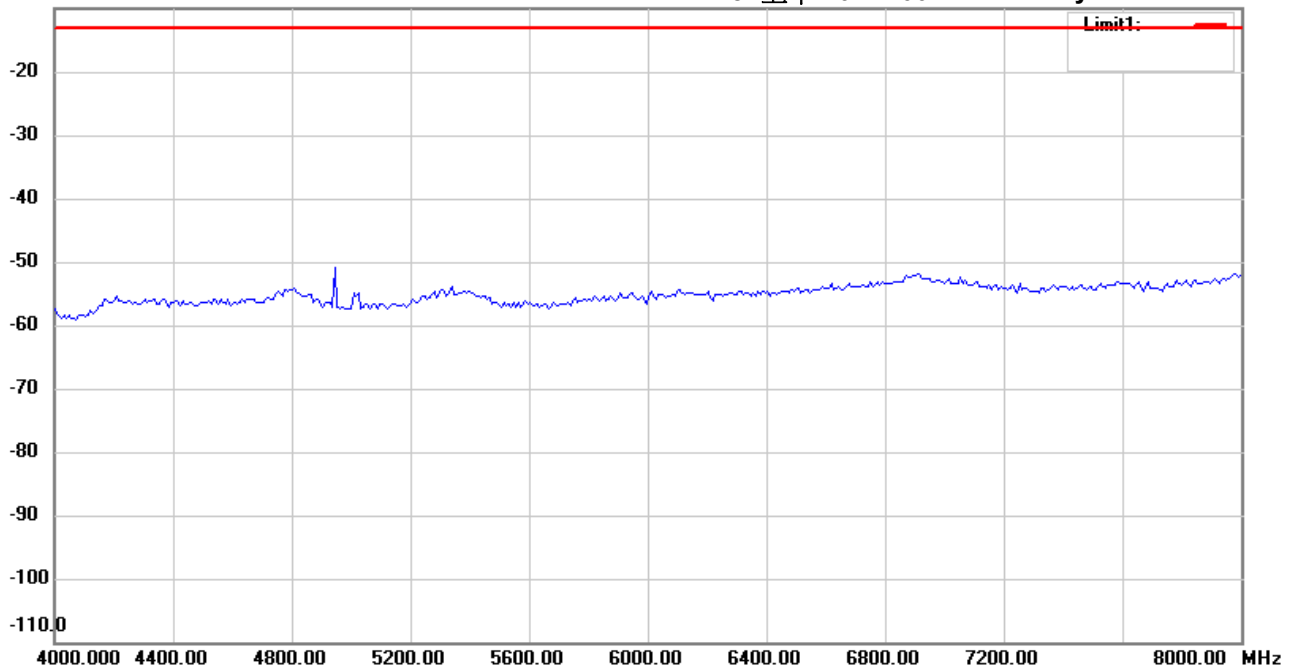
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:24:00

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #5

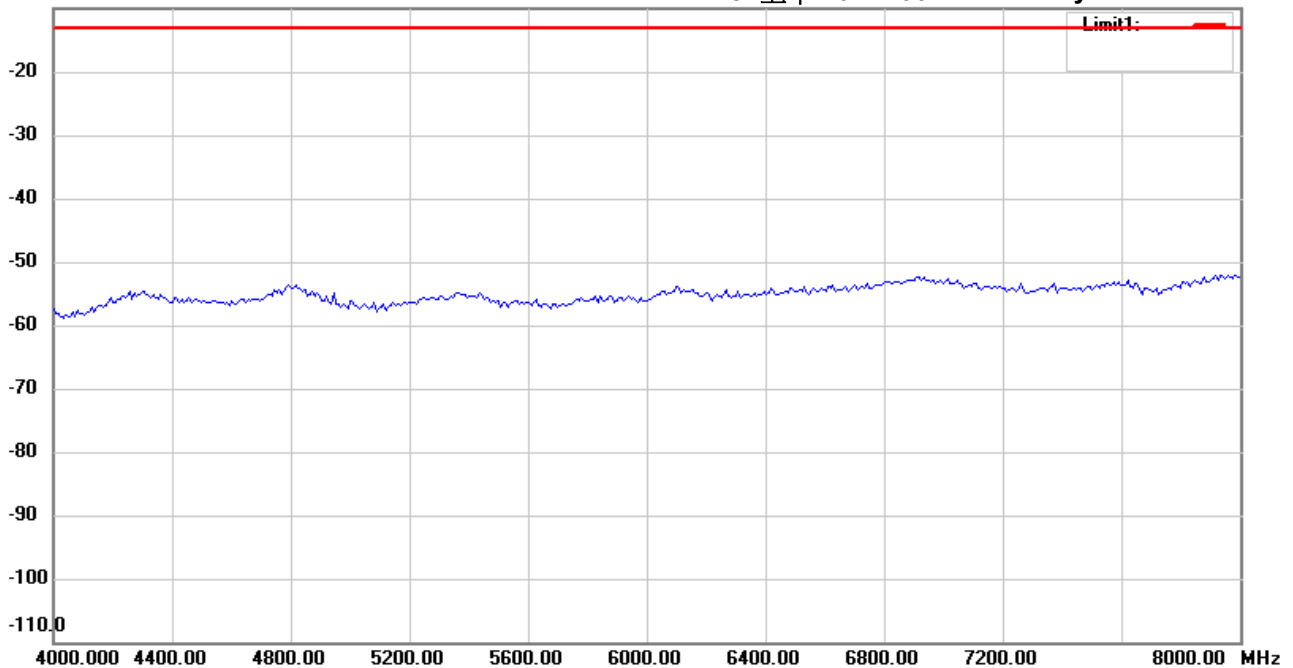
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:44:06

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #3

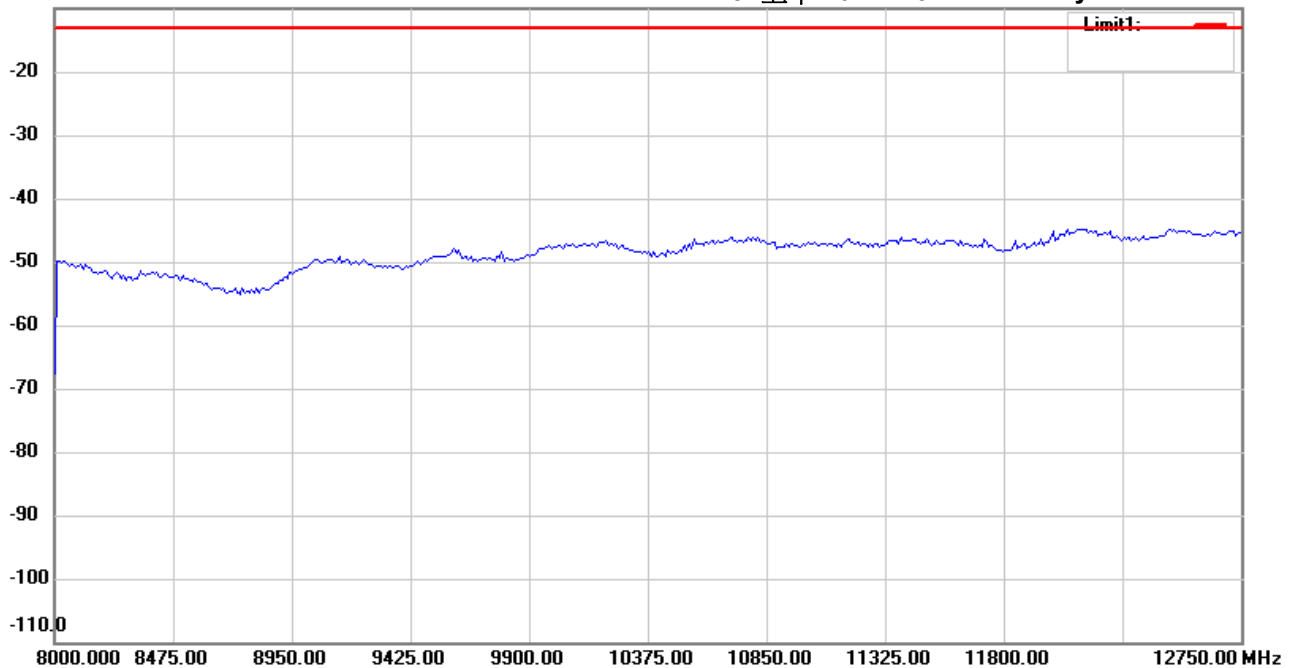
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:24:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File :3

Data :#6

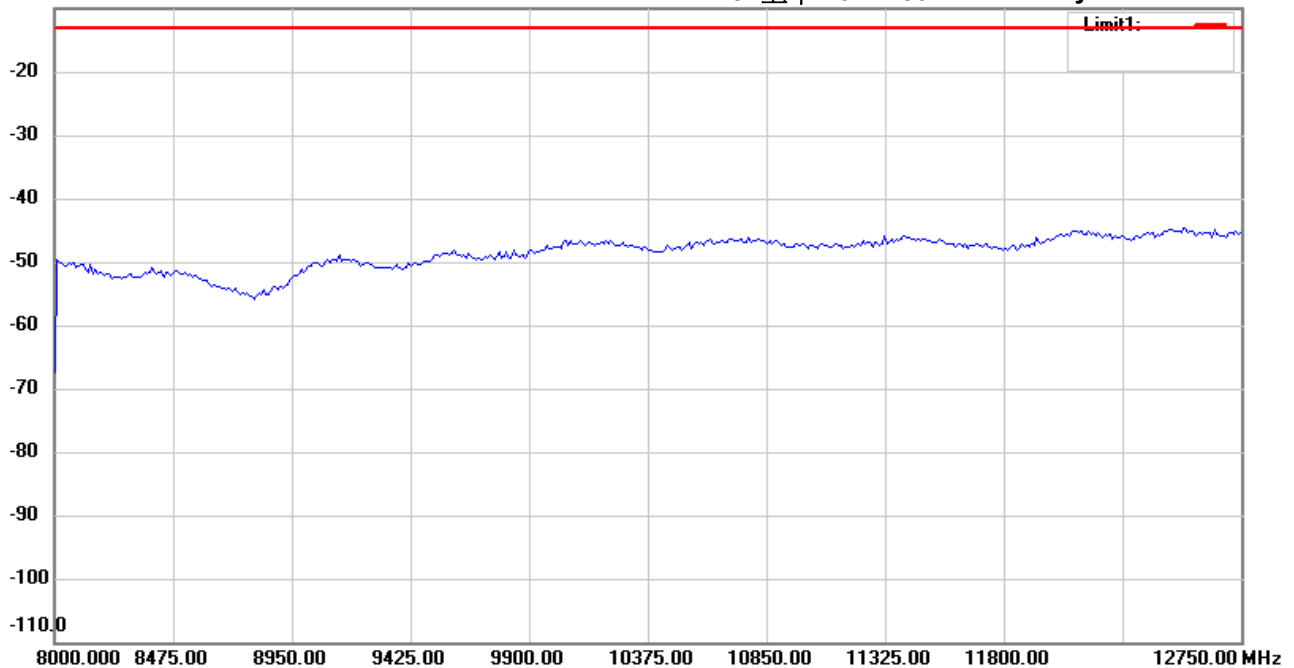
Date: 2016/10/13

Temperature:24 °C

-10.0 dBm

Time: 上午 10:44:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4183

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File :1

Data :#1

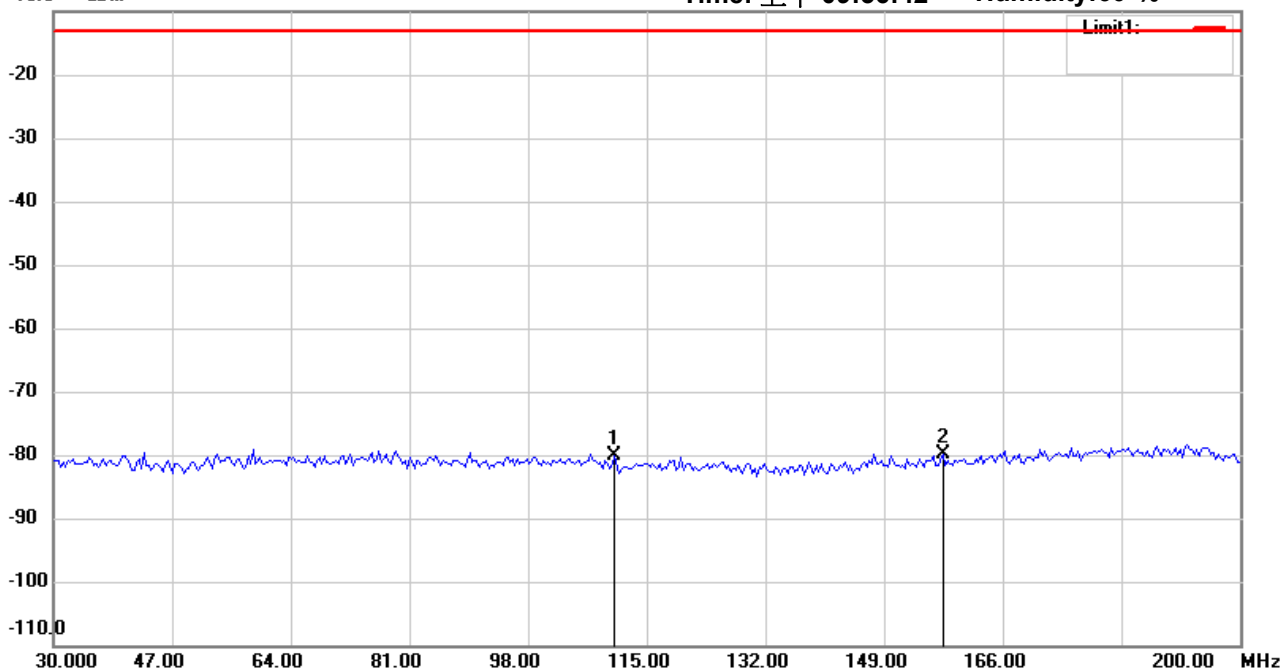
Date: 2016/10/14

Temperature:24 °C

-10.0 dBm

Time: 上午 09:36:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: *Horizontal*

Power : 120 Va.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
	110.4008	-103.01	peak	22.97	-80.04	-13.00	150	220	-67.04	
*	157.4148	-103.16	peak	23.22	-79.94	-13.00	150	160	-66.94	

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



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Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

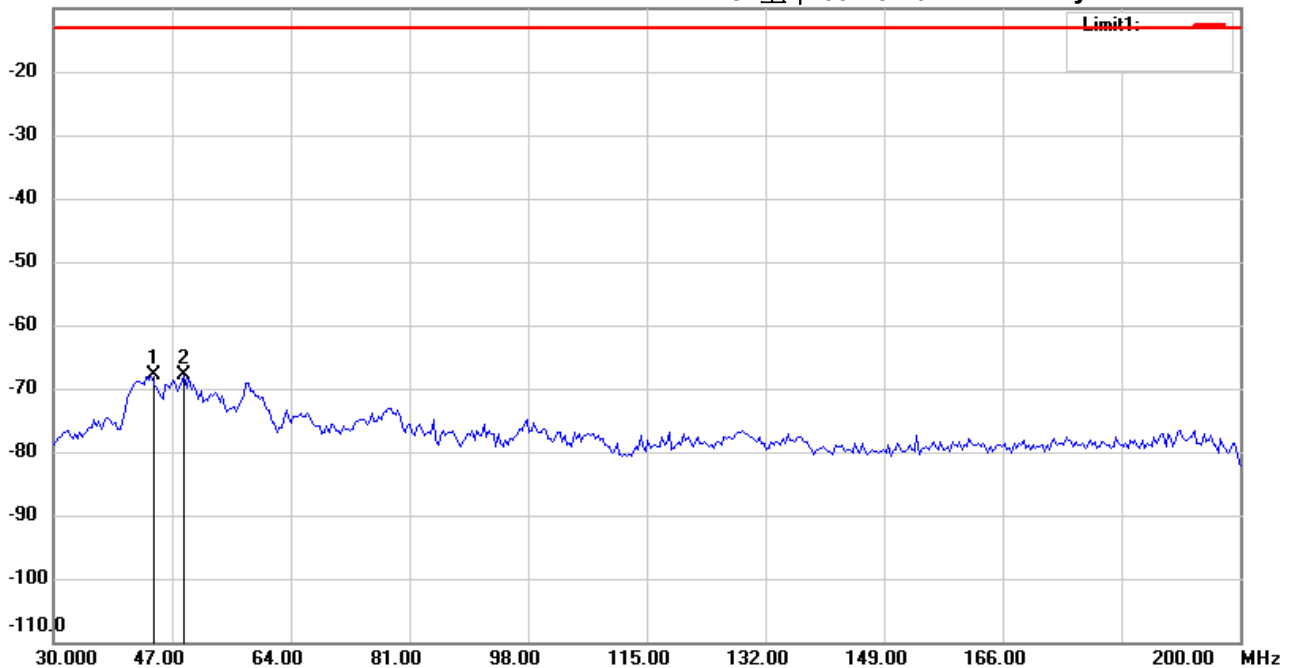
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:45:20

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: *Vertical*

Power : 120 Va.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
	43.9680	-91.25	peak	23.40	-67.85	-13.00	150	220	-54.85	
*	48.7375	-91.21	peak	23.45	-67.76	-13.00	150	160	-54.76	

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



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Radiated Emission Measurement

Operator: Kent

File : 2

Data : #1

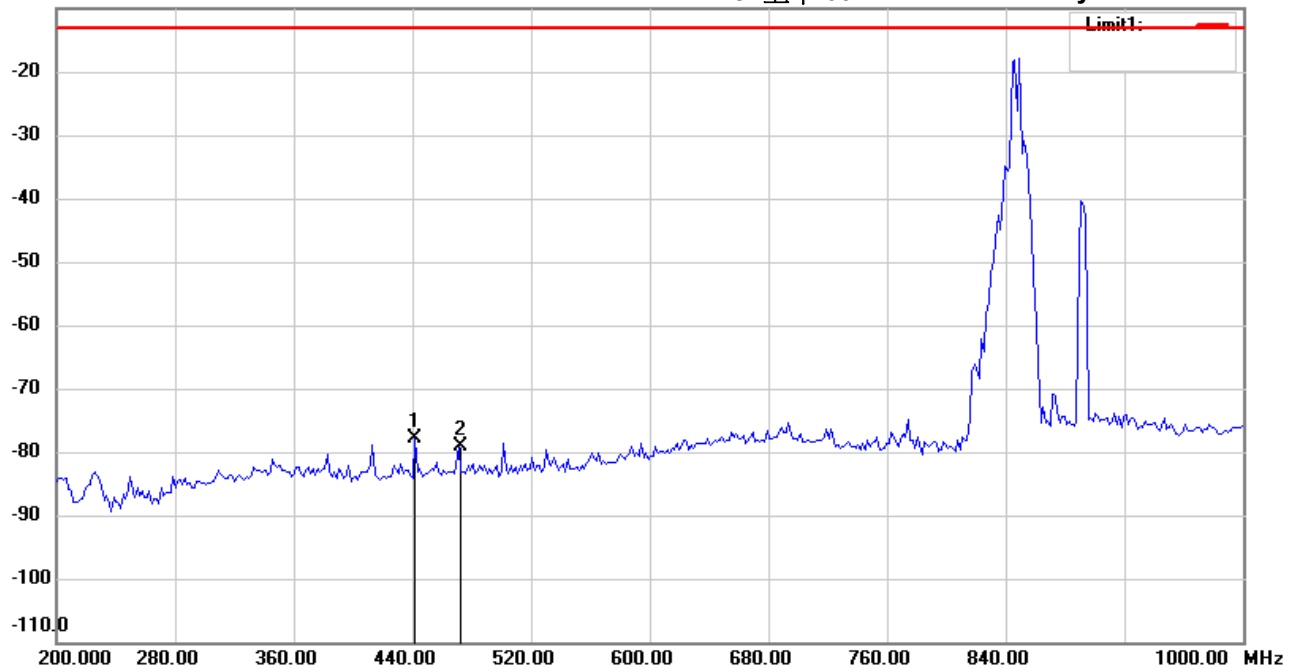
Date: 2016/10/14

Temperature: 24 °C

-10.0 dBm

Time: 上午 09:24:44

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: *Horizontal*

Power : 120 Va.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
*	442.0842	-70.38	peak	-7.57	-77.95	-13.00	150	220	-64.95	
	470.9420	-72.08	peak	-7.12	-79.20	-13.00	150	130	-66.20	

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



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Radiated Emission Measurement

Operator: Kent

File :2

Data :#2

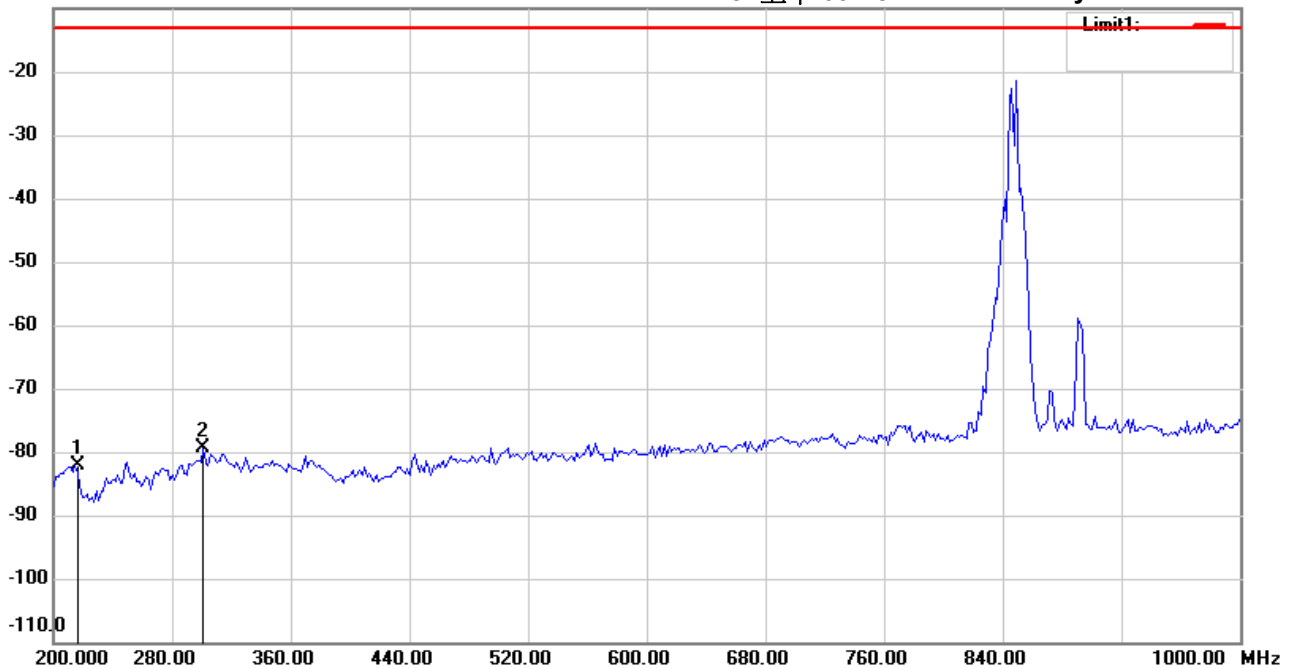
Date: 2016/10/14

Temperature:24 °C

-10.0 dBm

Time: 上午 09:28:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: **Vertical**

Power : 120 Va.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
	214.4290	-68.73	peak	-13.40	-82.13	-13.00	150	245	-69.13	
*	301.0020	-73.87	peak	-5.47	-79.34	-13.00	150	110	-66.34	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

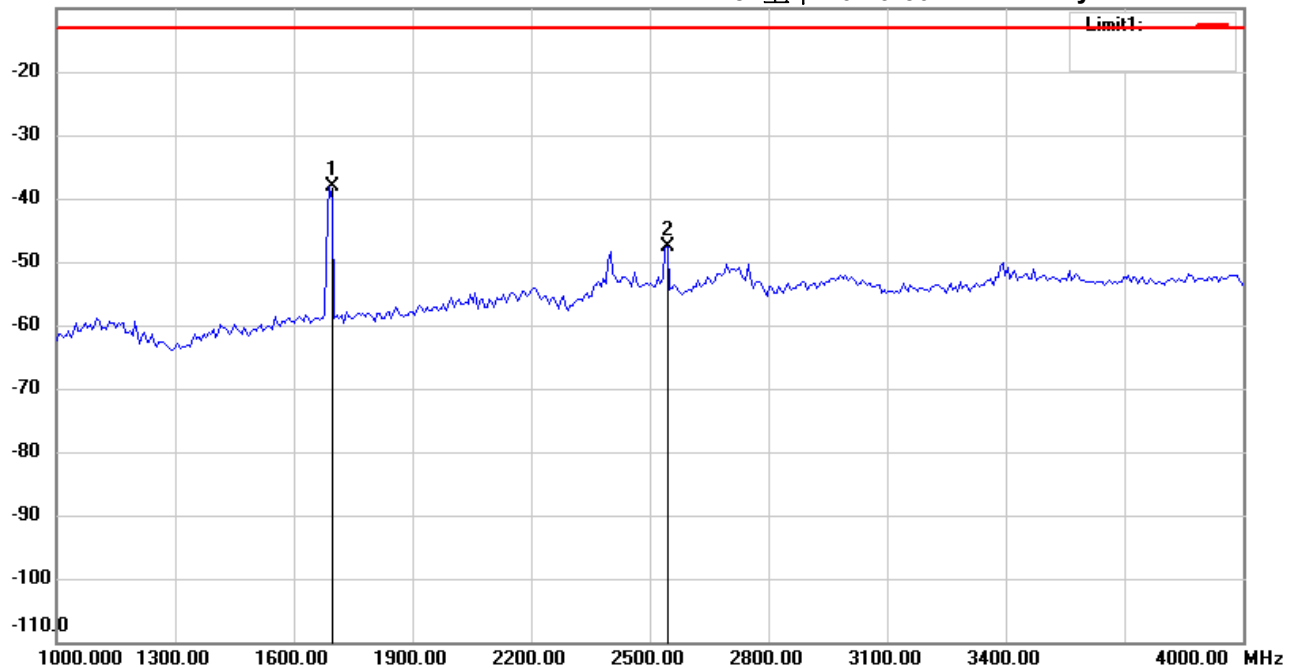
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:29:50

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: *Horizontal*

Power : 120 Va.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	-40.80	peak	2.79	-38.01	-13.00	150	185	-25.01	
	2545.090	-55.36	peak	7.77	-47.59	-13.00	150	305	-34.59	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #4

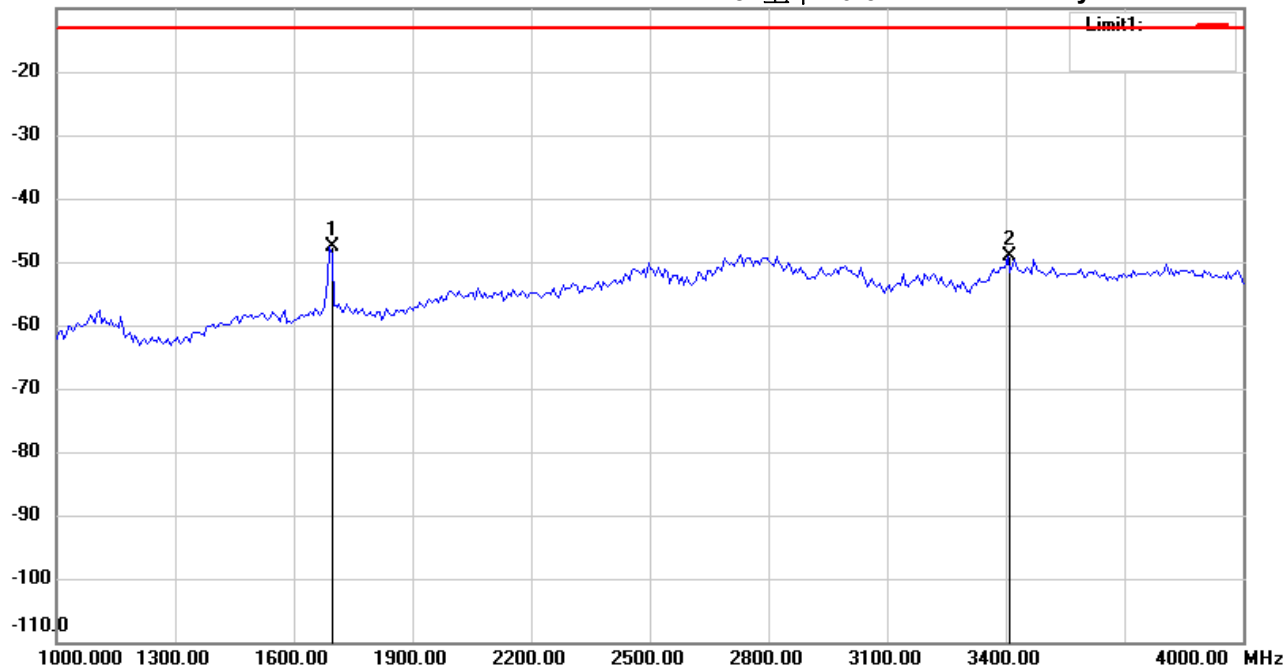
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:51:22

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: Vertical

Power : 120 Va.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	-51.97	peak	4.29	-47.68	-13.00	150	185	-34.68	
	3404.810	-60.46	peak	11.25	-49.21	-13.00	150	305	-36.21	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #2

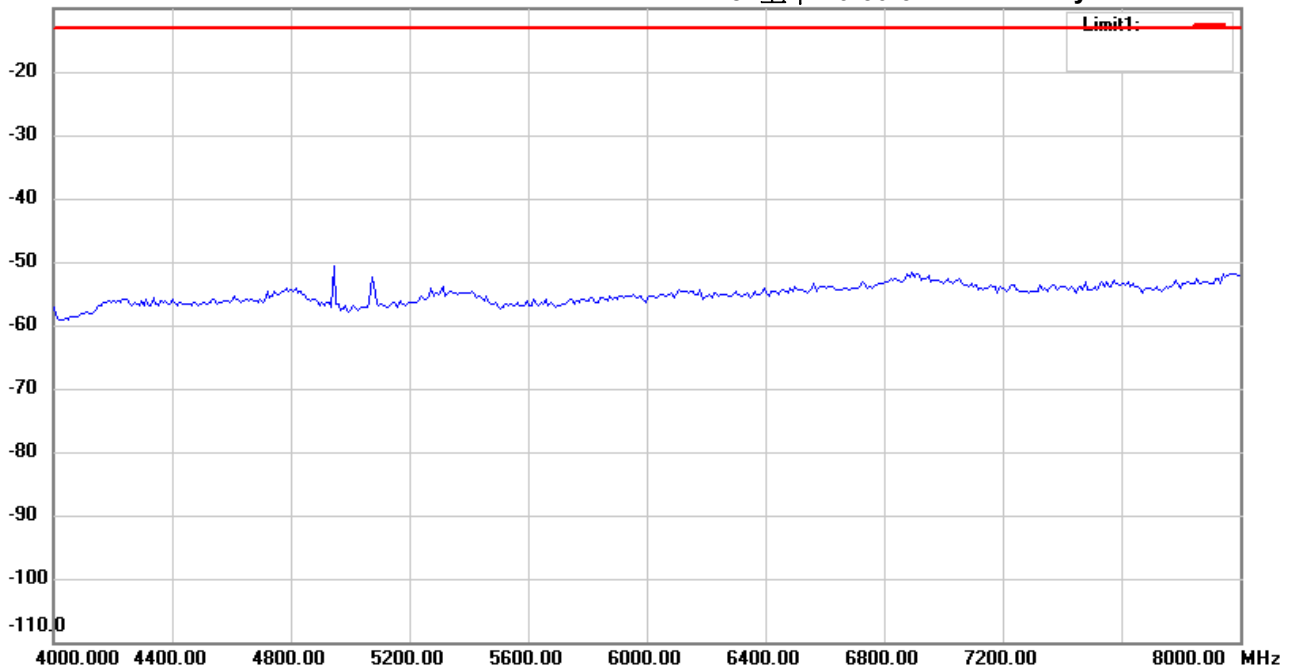
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:30:31

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File :3

Data :#5

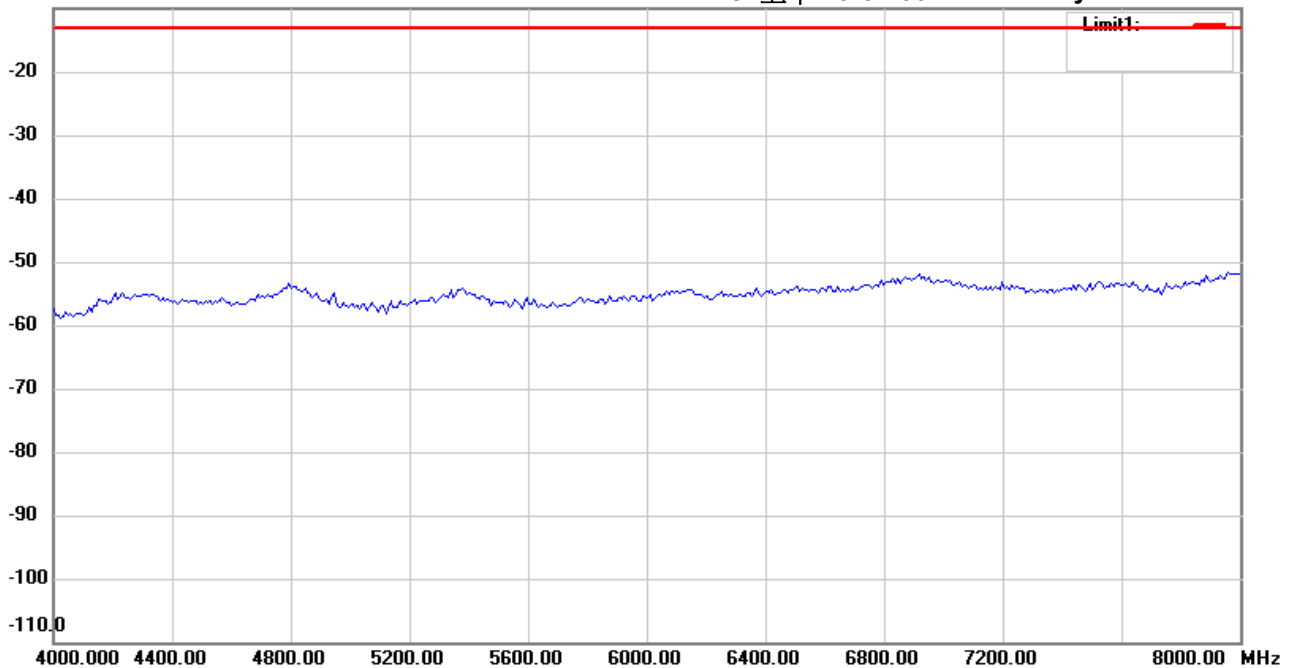
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:52:00

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: *Vertical*

Power : 120 Va.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: Kent

File : 3

Data : #3

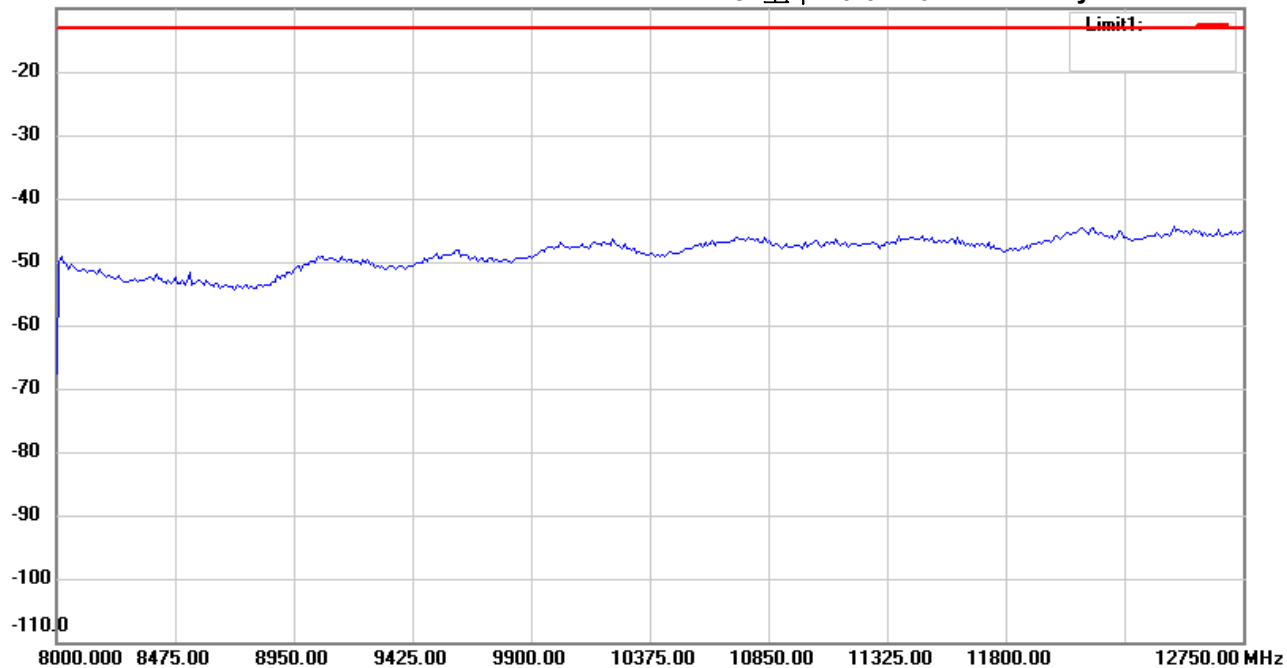
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:31:16

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: *Horizontal*

Power : 120 Va.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: Kent

File : 3

Data : #6

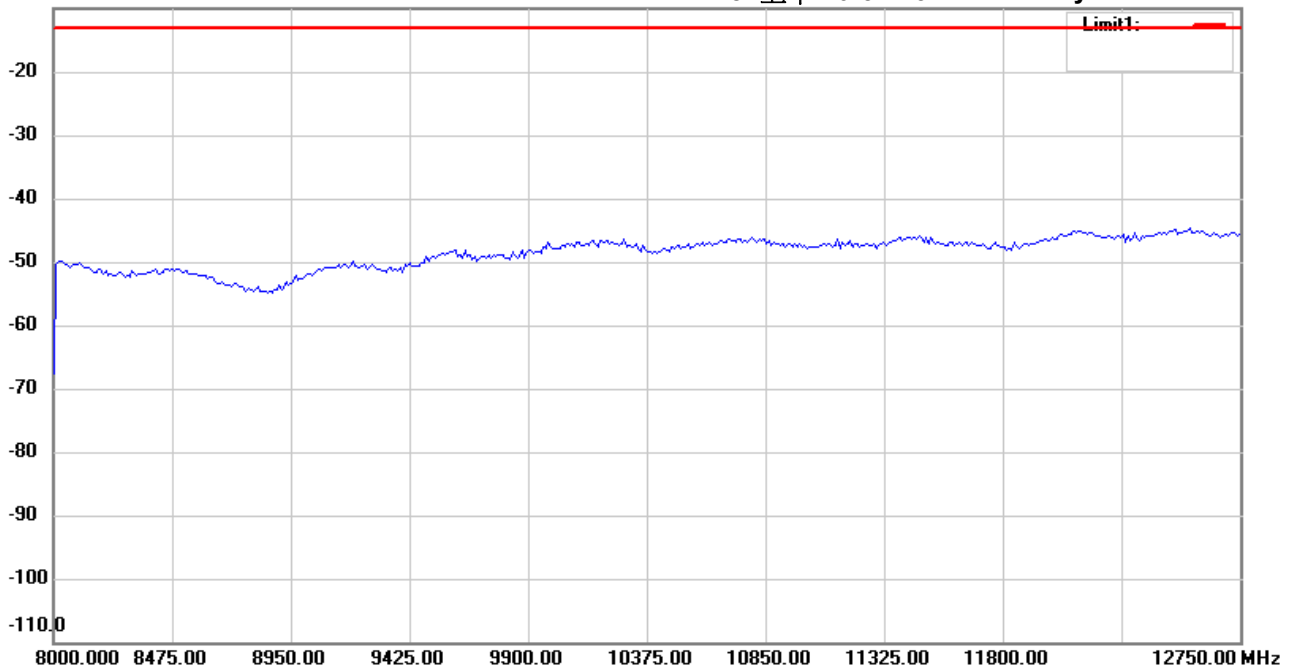
Date: 2016/10/13

Temperature: 24 °C

-10.0 dBm

Time: 上午 10:52:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 22 (850 band)

EUT : W6R21610-16279

M/N:

Test Mode : ACTIVE WCDMA CH4233

Note :

Polarization: *Vertical*

Power : 120 Va.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: Roy

File : 1

Data : #1

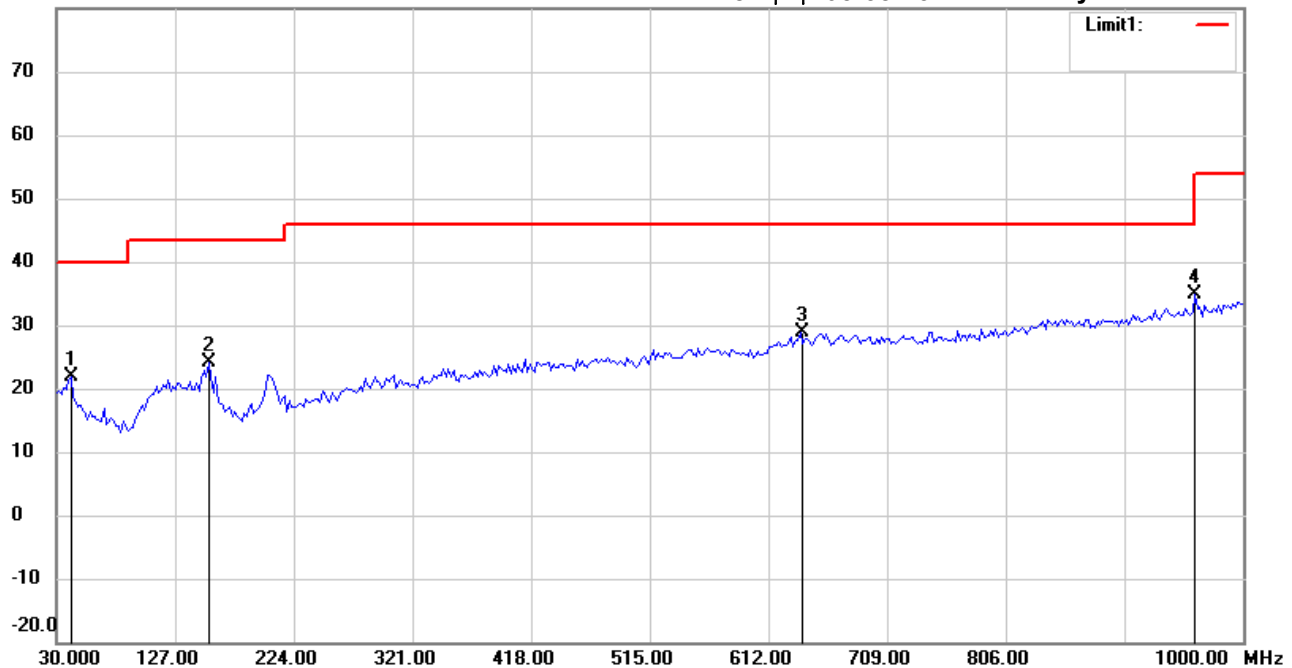
Date: 2016/10/28

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 05:38:23

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6R21610-16279

M/N:

Test Mode : GSM 850 Idle

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	41.6632	30.27	peak	-8.33	21.94	40.00	100	180	-18.06	
	154.4088	32.23	peak	-8.16	24.07	43.50	100	105	-19.43	
*	638.4370	28.45	peak	0.53	28.98	46.00	100	330	-17.02	
	961.1222	29.17	peak	5.72	34.89	54.00	100	215	-19.11	

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



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

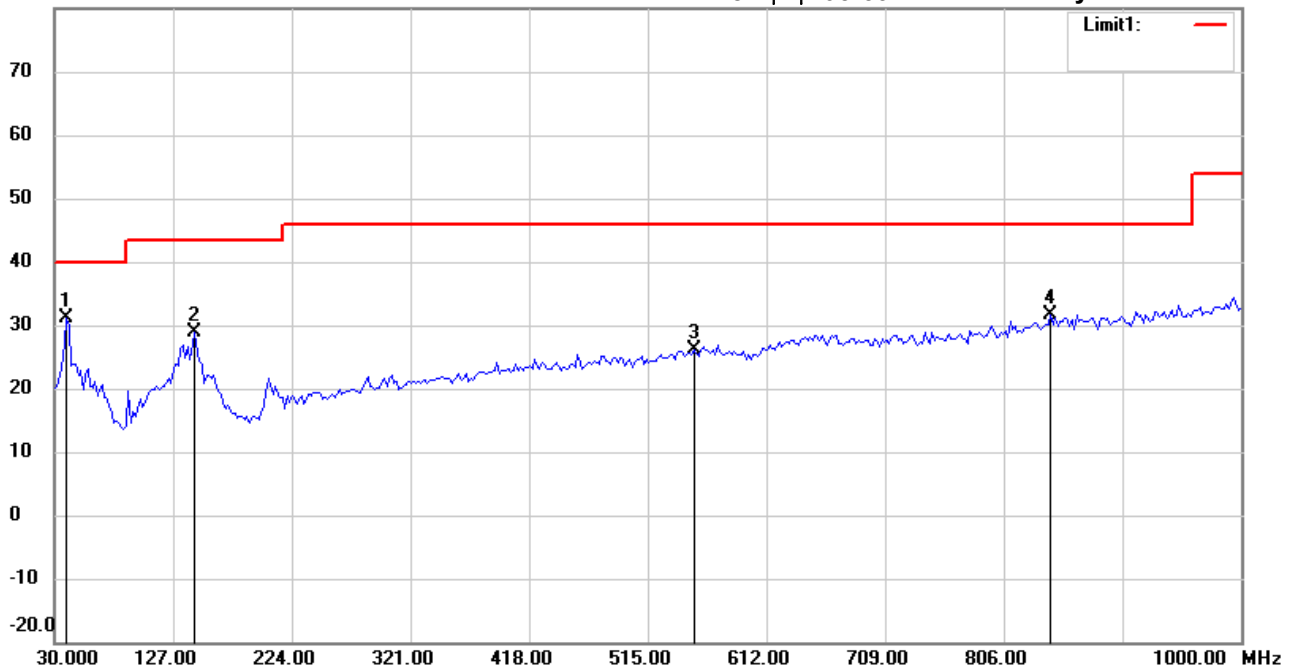
Date: 2016/10/28

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 05:39:17

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6R21610-16279

M/N:

Test Mode : GSM 850 Idle

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	39.7194	39.34	peak	-8.15	31.19	40.00	100	295	-8.81	
	144.6894	35.96	peak	-7.15	28.81	43.50	100	300	-14.69	
	552.9058	27.19	peak	-1.13	26.06	46.00	100	135	-19.94	
	844.4890	28.22	peak	3.50	31.72	46.00	100	240	-14.28	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #1

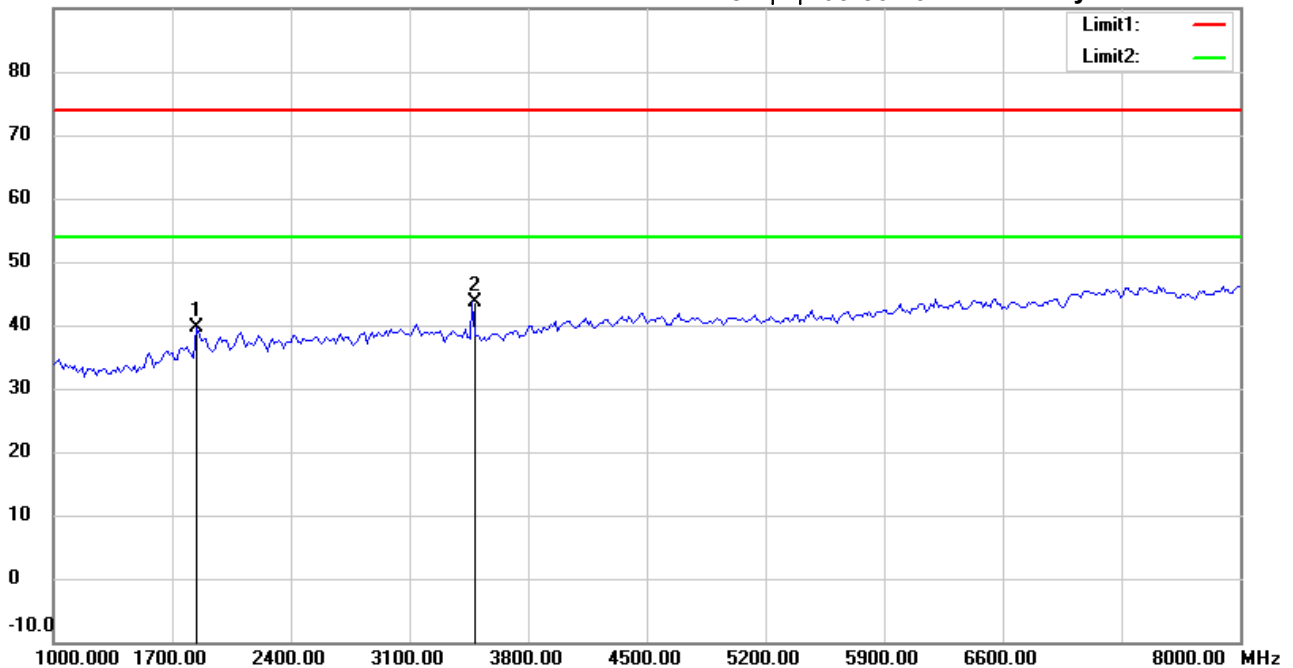
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 03:56:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : GSM 850 Idle

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1841.683	46.03	peak	-6.46	39.57	74.00	100	70	-34.43	
*	3468.938	46.98	peak	-3.24	43.74	74.00	100	130	-30.26	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #3

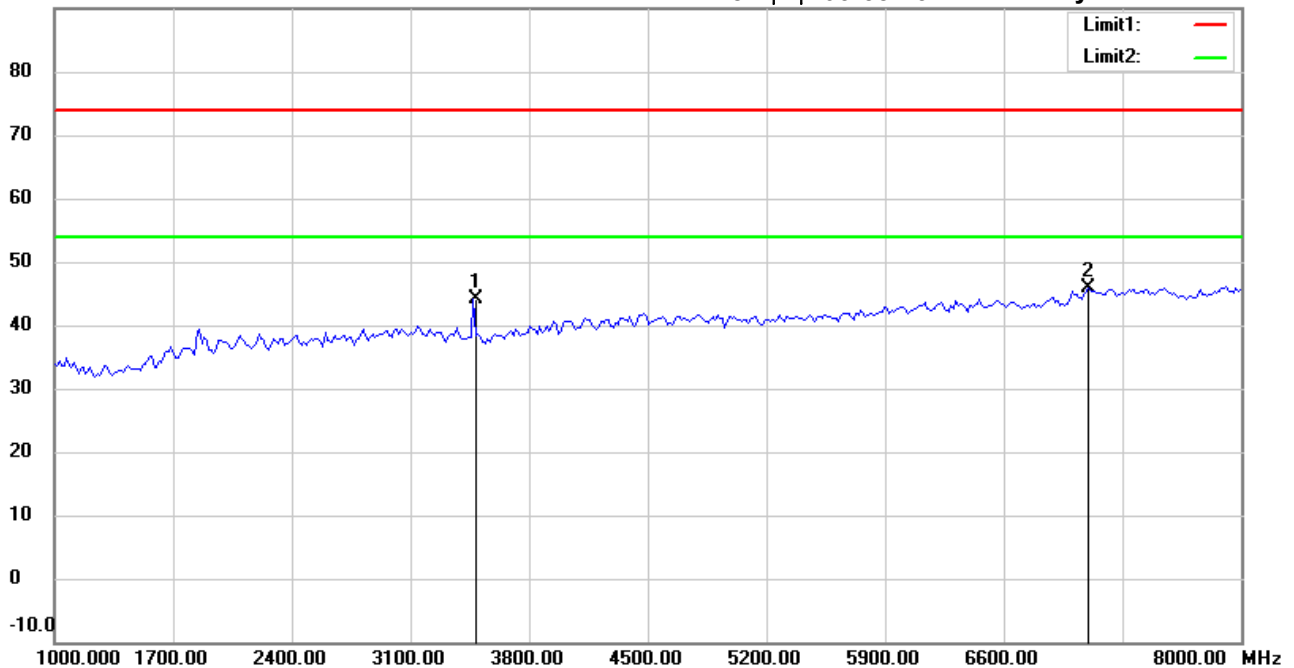
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 03:58:13

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : GSM 850 Idle

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	3468.938	47.39	peak	-3.24	44.15	74.00	100	205	-29.85	
*	7102.204	41.47	peak	4.40	45.87	74.00	100	50	-28.13	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #2

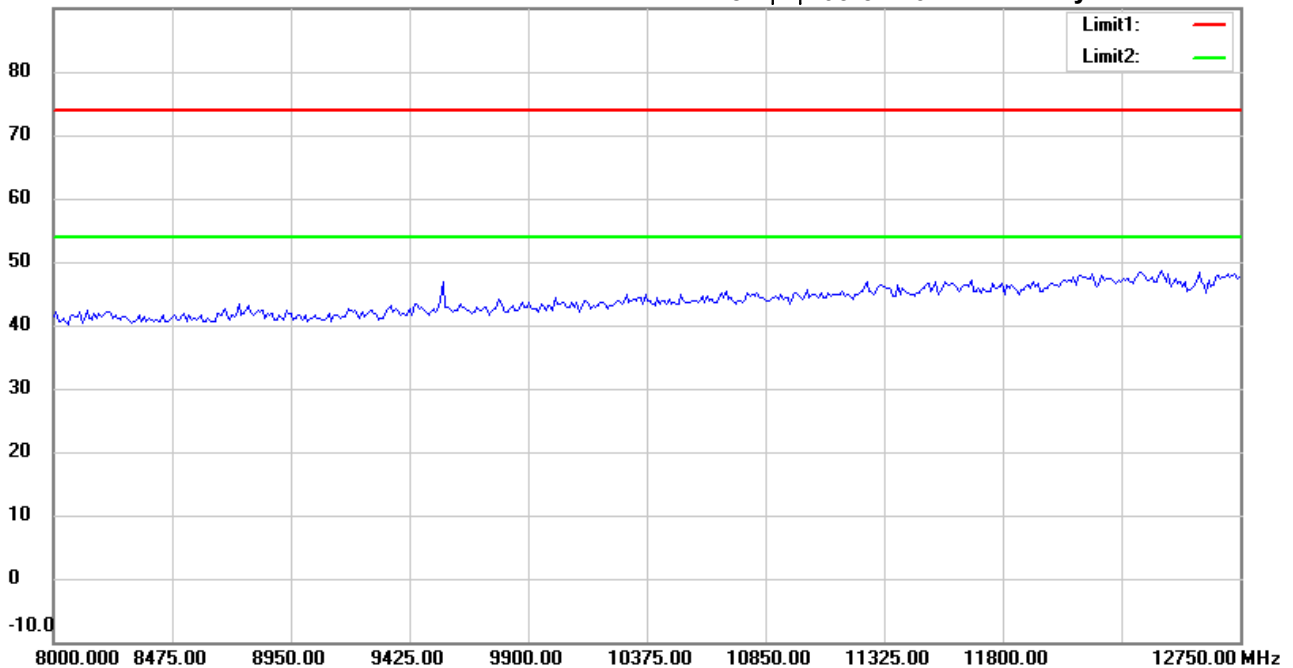
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 03:57:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : GSM 850 Idle

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #4

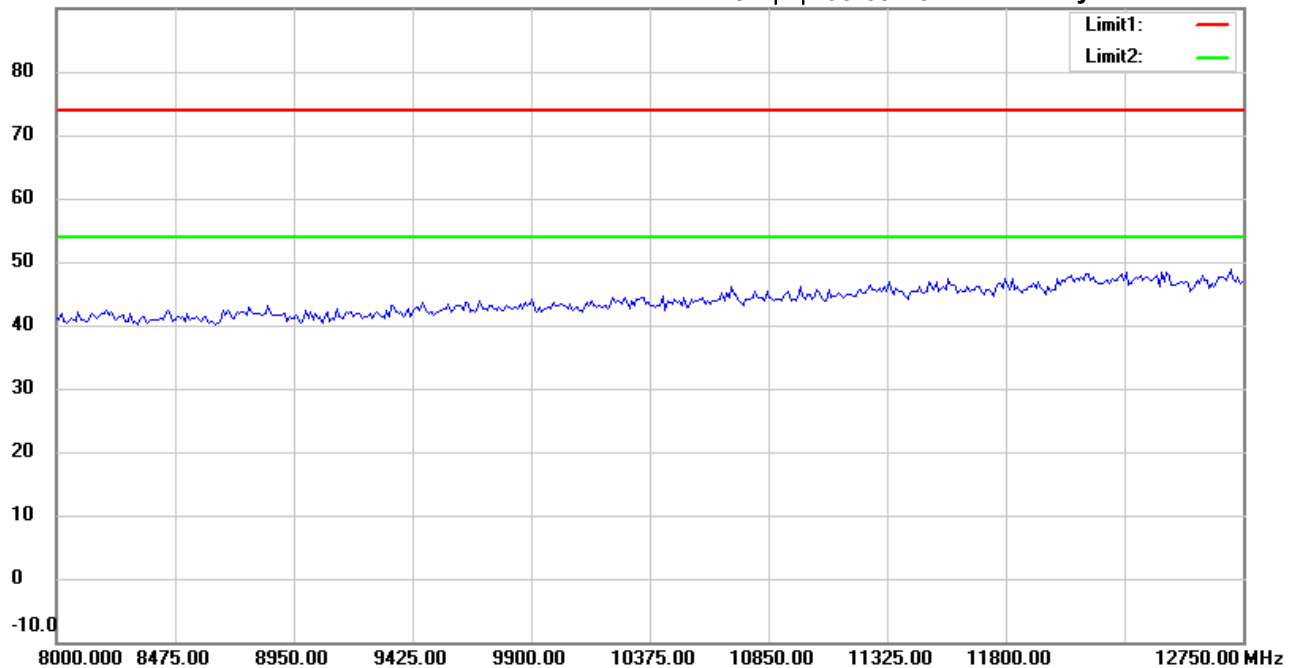
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 03:59:13

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : GSM 850 Idle

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#1

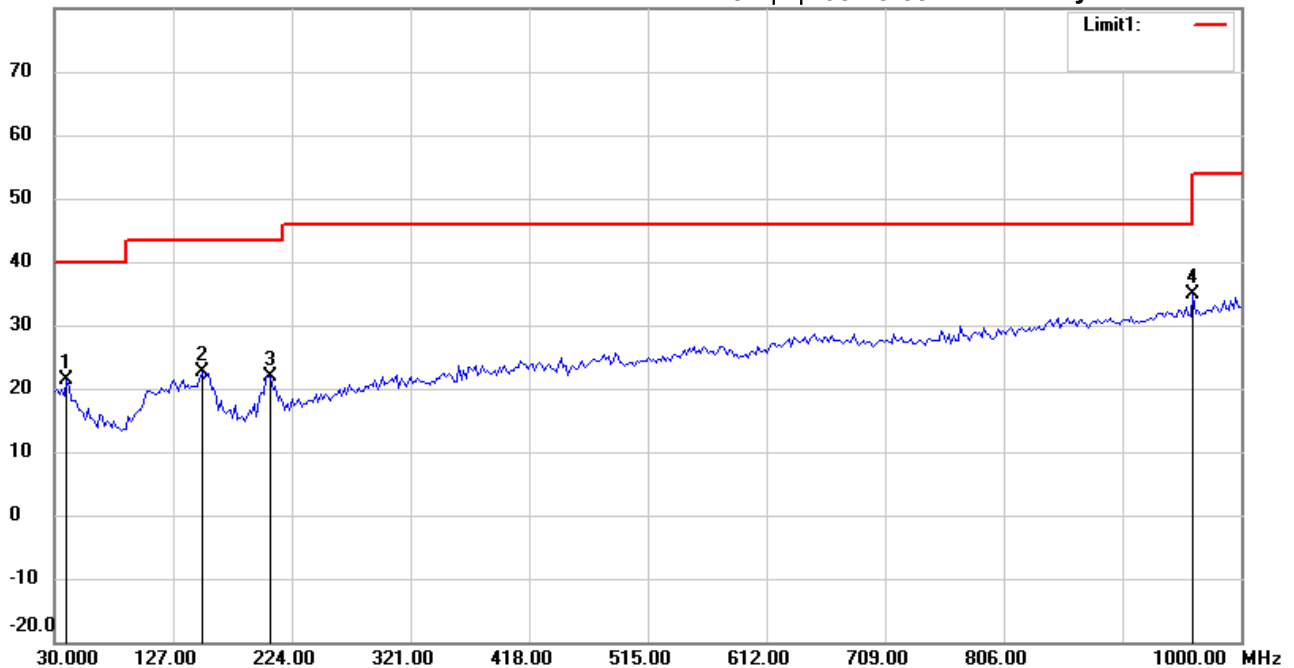
Date: 2016/10/28

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 05:43:58

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6R21610-16279

M/N:

Test Mode : PCS 1900 Idle

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	39.7194	29.56	peak	-8.15	21.41	40.00	100	335	-18.59	
	150.5210	30.44	peak	-7.70	22.74	43.50	100	40	-20.76	
	204.9500	32.07	peak	-10.07	22.00	43.50	100	105	-21.50	
	961.1222	29.09	peak	5.72	34.81	54.00	100	180	-19.19	

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



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

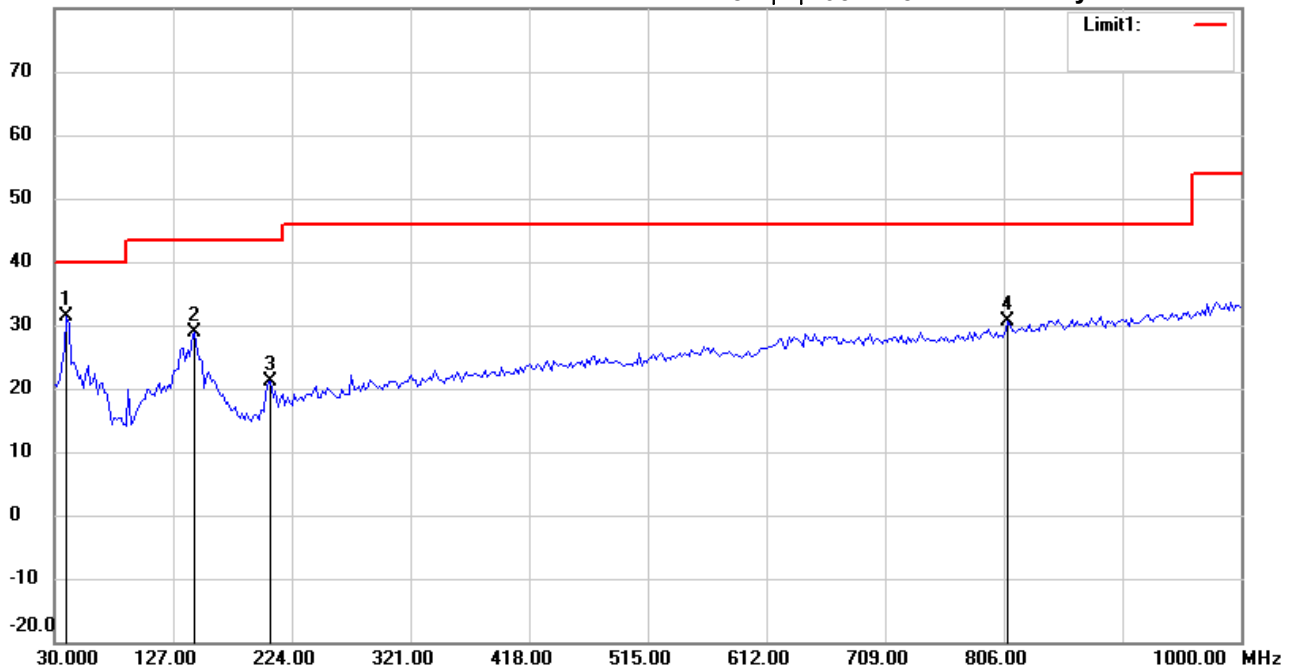
Date: 2016/10/28

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 05:44:52

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6R21610-16279

M/N:

Test Mode : PCS 1900 Idle

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	39.7194	39.59	peak	-8.15	31.44	40.00	100	220	-8.56	
	144.6894	35.92	peak	-7.15	28.77	43.50	100	60	-14.73	
	204.9500	31.11	peak	-10.07	21.04	43.50	100	275	-22.46	
	809.4990	28.37	peak	2.16	30.53	46.00	100	315	-15.47	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #1

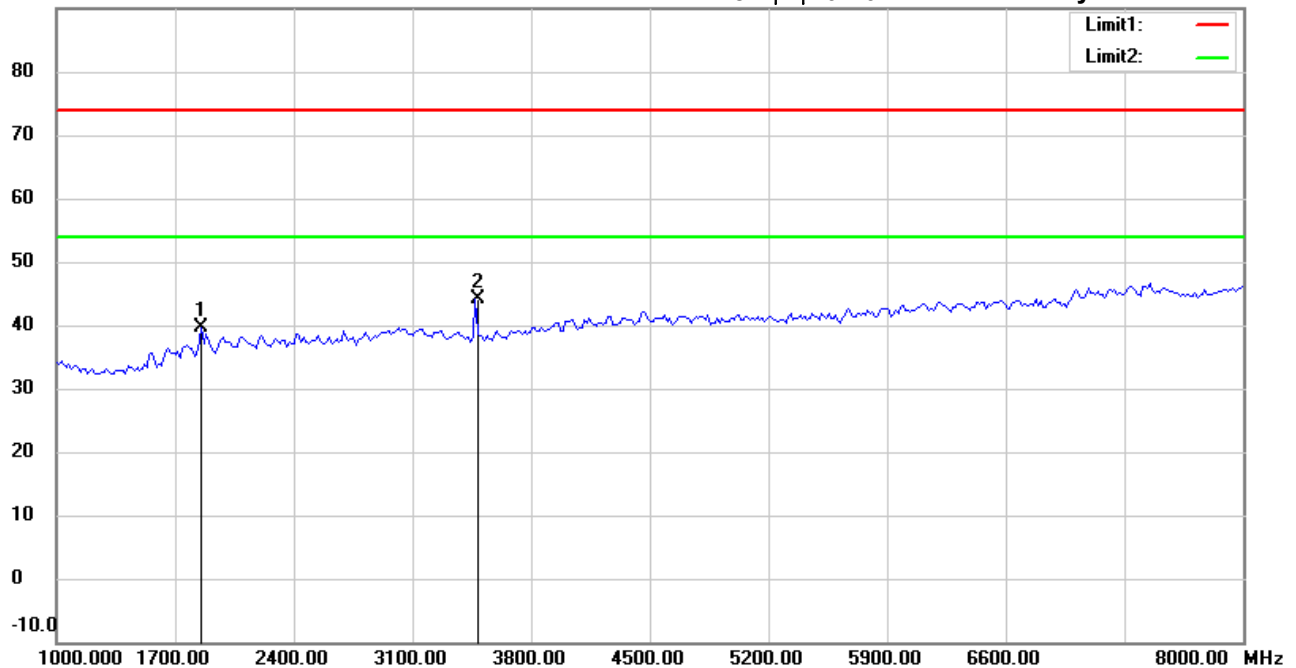
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:02:47

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : PCS 1900 Idle

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1855.711	46.02	peak	-6.32	39.70	74.00	100	100	-34.30	
*	3468.938	47.44	peak	-3.24	44.20	74.00	100	250	-29.80	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #5

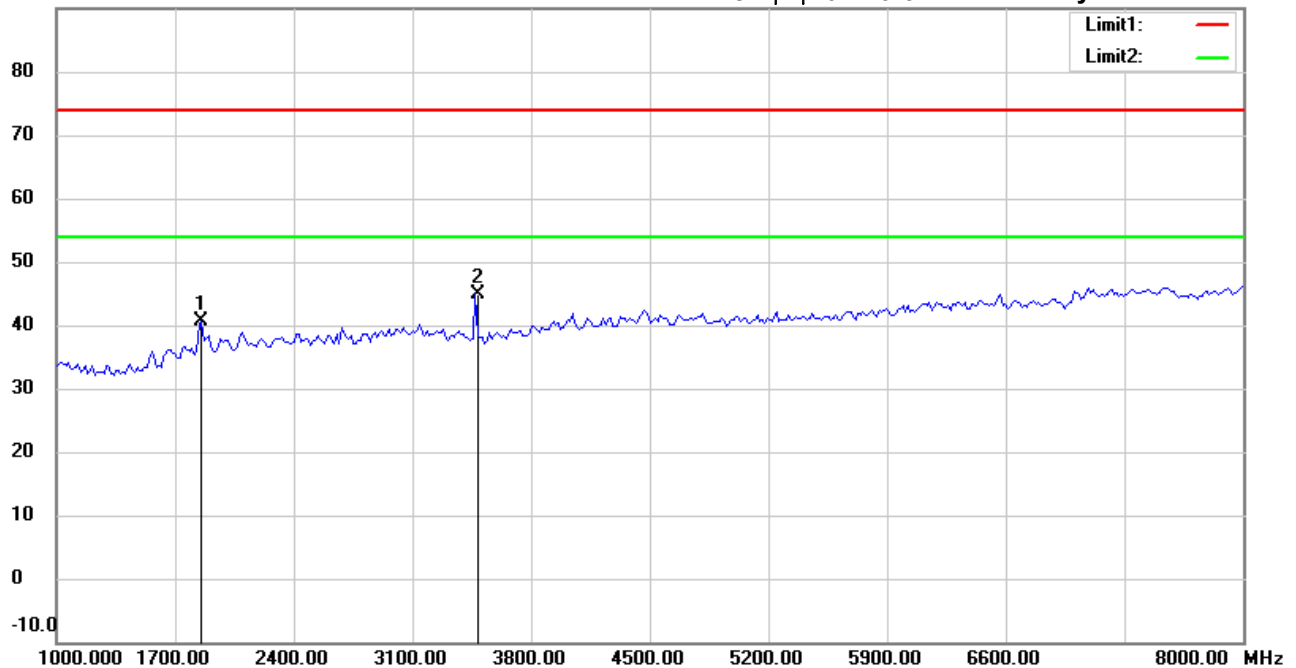
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:10:32

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : PCS 1900 Idle

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1855.711	47.06	peak	-6.32	40.74	74.00	100	305	-33.26	
*	3468.938	48.17	peak	-3.24	44.93	74.00	100	90	-29.07	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

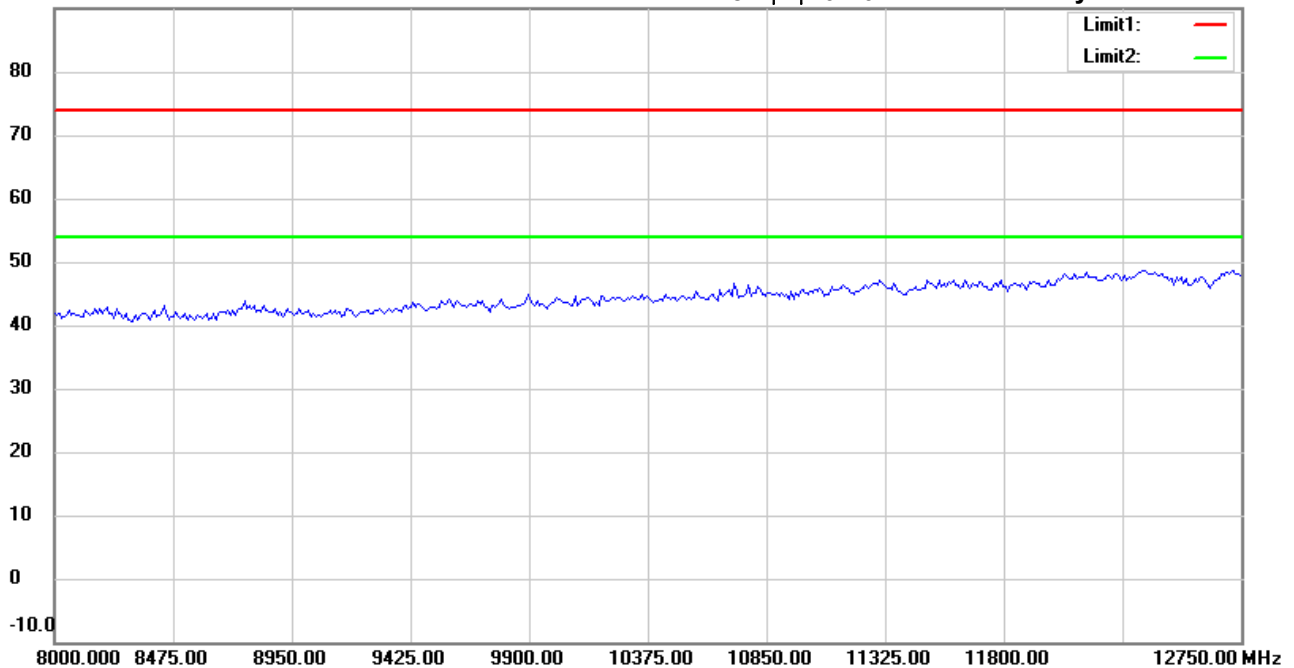
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:07:47

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : PCS 1900 Idle

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #6

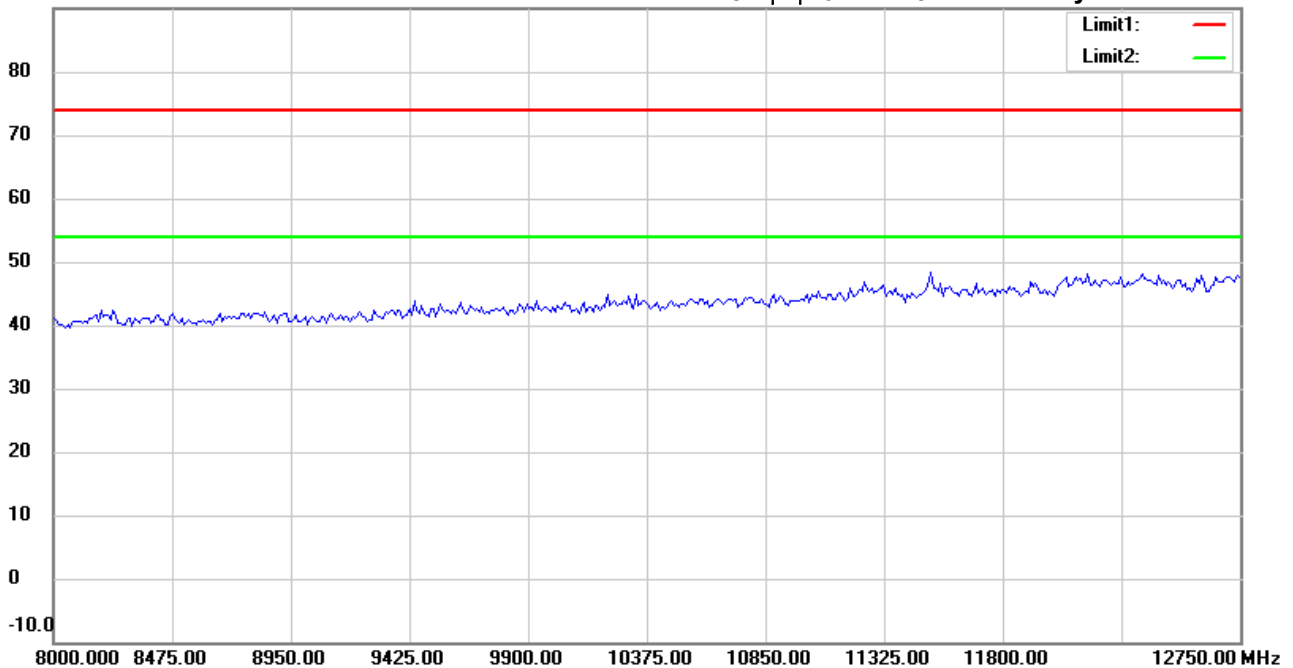
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:11:45

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: Vertical

EUT : W6R21610-16279

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : PCS 1900 Idle

Note :

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #3

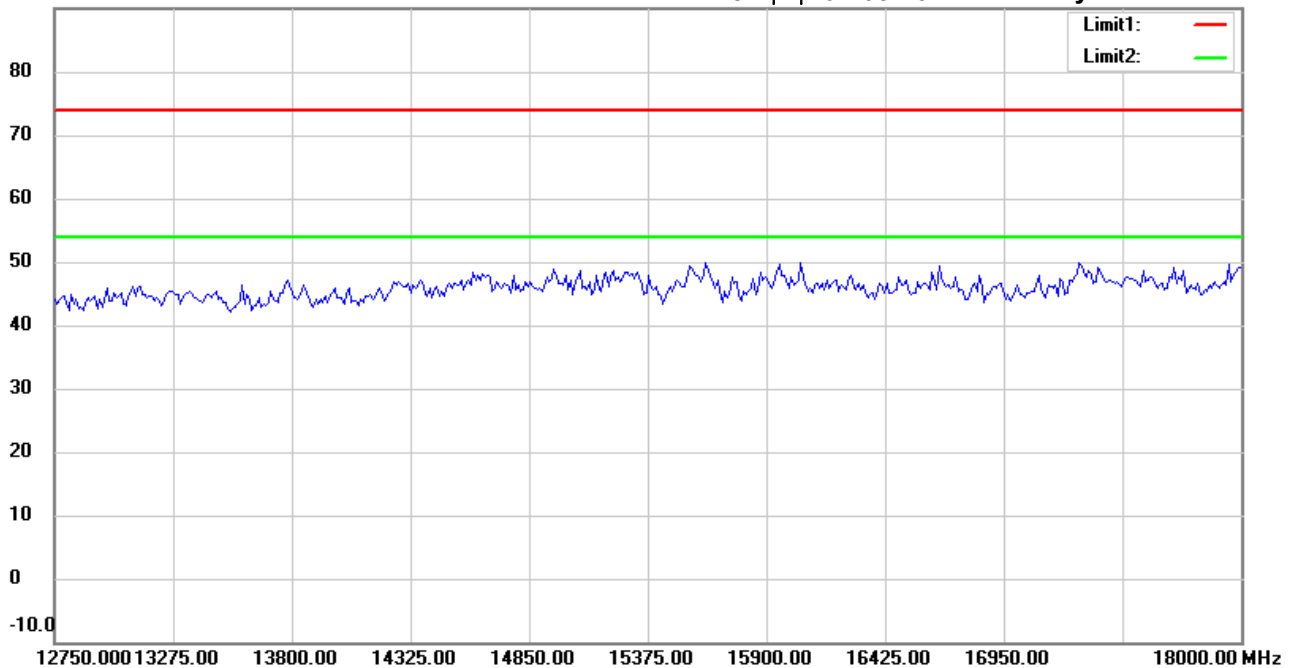
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:08:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : PCS 1900 Idle

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #7

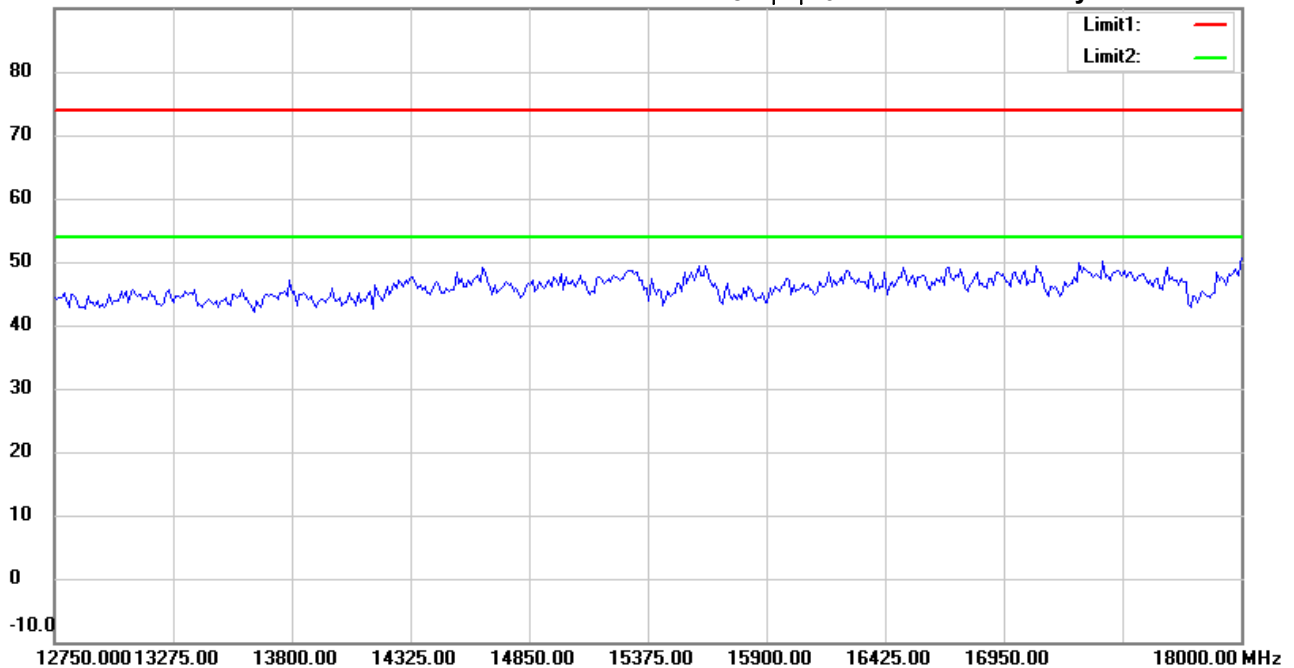
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:12:22

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : PCS 1900 Idle

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #4

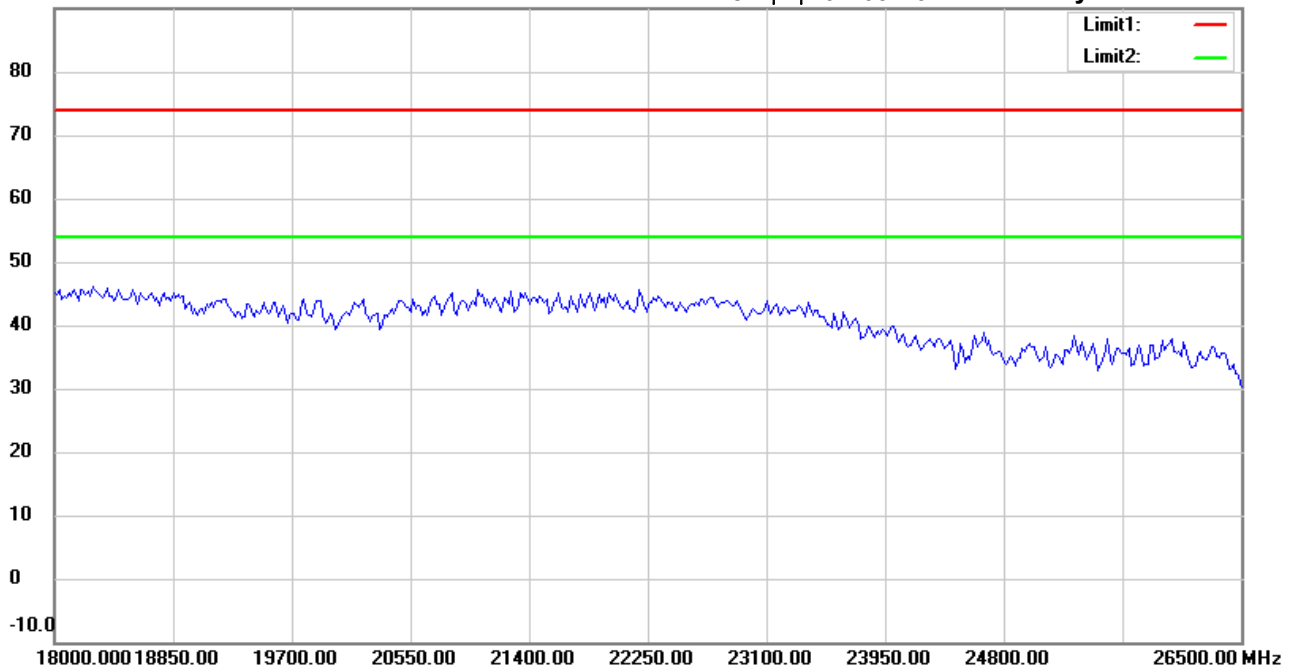
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:09:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : PCS 1900 Idle

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

File : 3

Data : #8

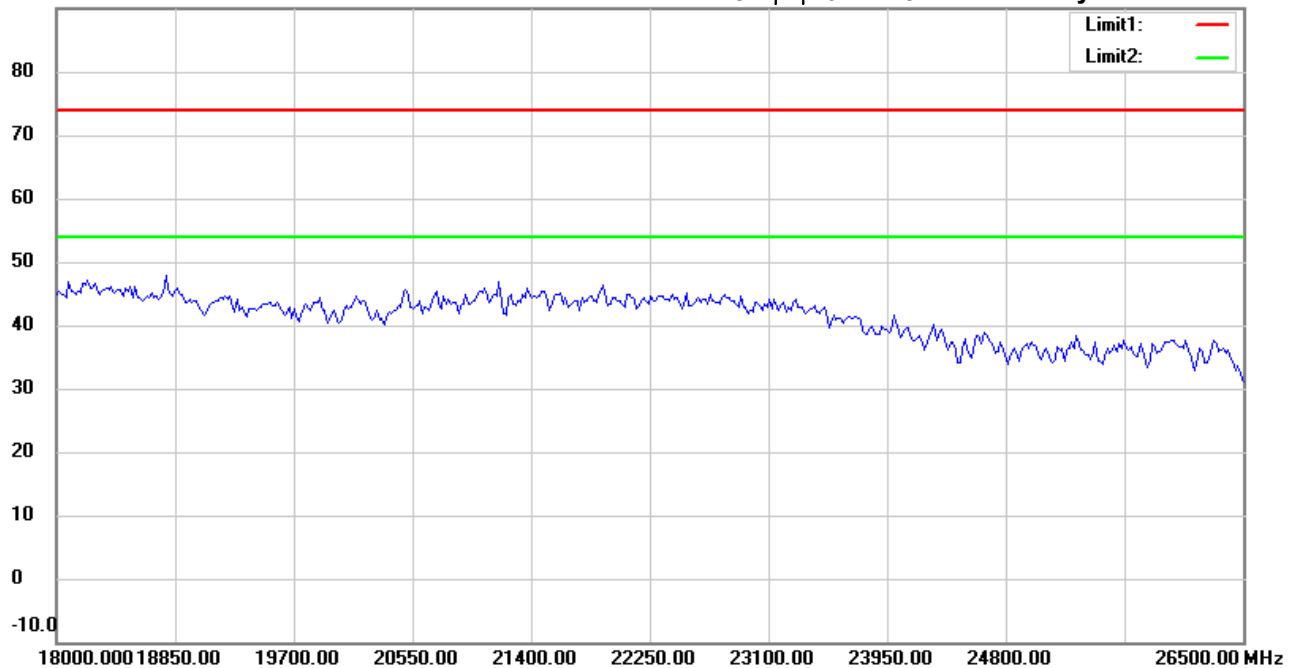
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:12:52

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : PCS 1900 Idle

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#1

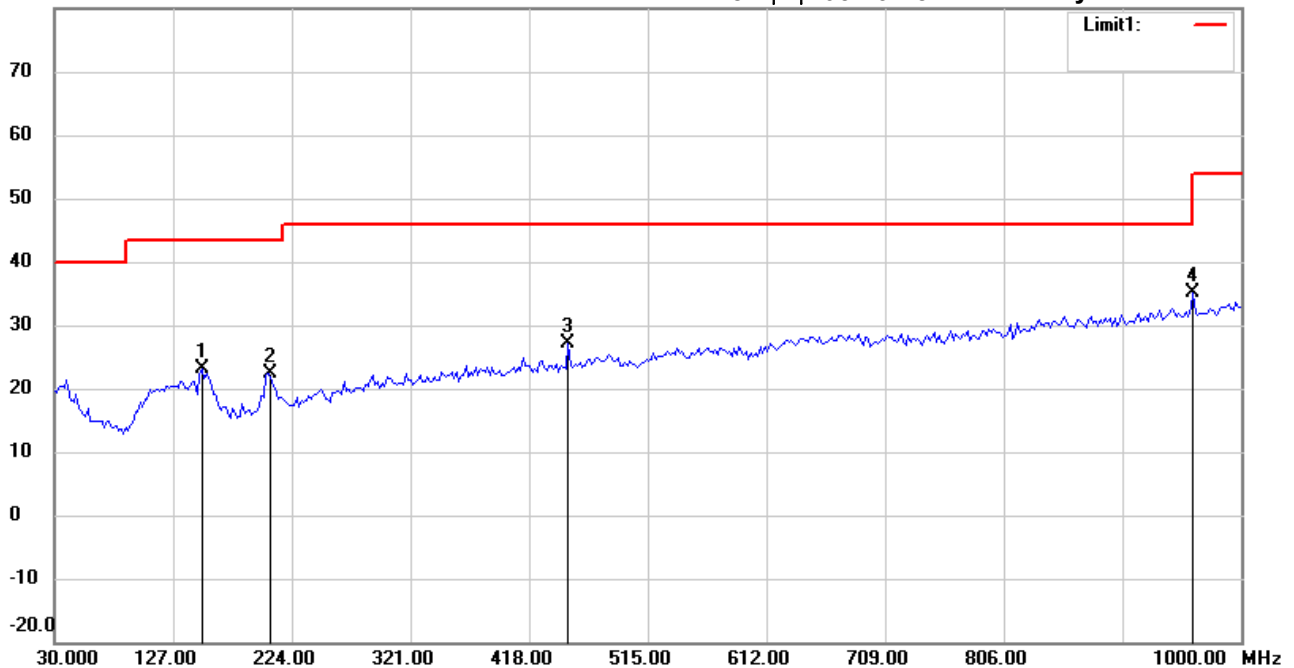
Date: 2016/10/28

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 05:49:18

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band II Idle

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	150.5210	30.81	peak	-7.70	23.11	43.50	100	115	-20.39	
	204.9500	32.49	peak	-10.07	22.42	43.50	100	160	-21.08	
*	449.8797	29.98	peak	-2.76	27.22	46.00	100	40	-18.78	
	961.1222	29.32	peak	5.72	35.04	54.00	100	305	-18.96	

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



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

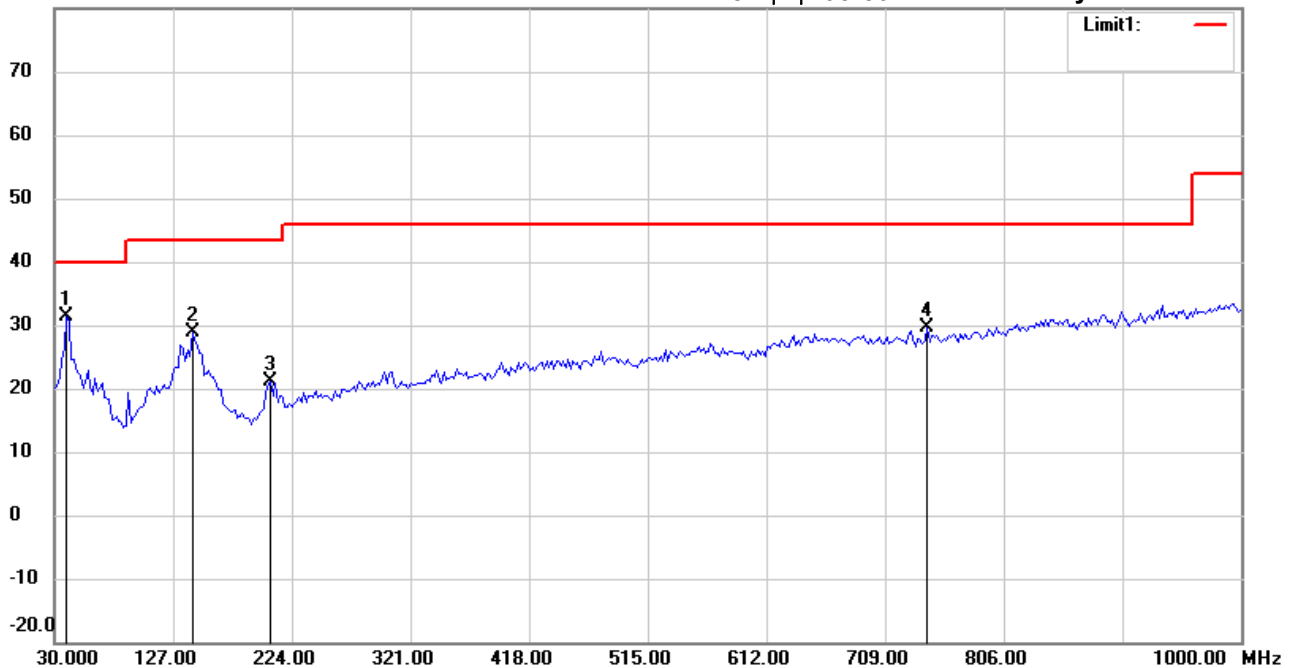
Date: 2016/10/28

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 05:50:11

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band II Idle

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	39.7194	39.49	peak	-8.15	31.34	40.00	100	170	-8.66	
	142.7455	35.81	peak	-6.97	28.84	43.50	100	250	-14.66	
	206.8938	31.10	peak	-9.99	21.11	43.50	100	300	-22.39	
	743.4068	28.82	peak	0.91	29.73	46.00	100	85	-16.27	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #1

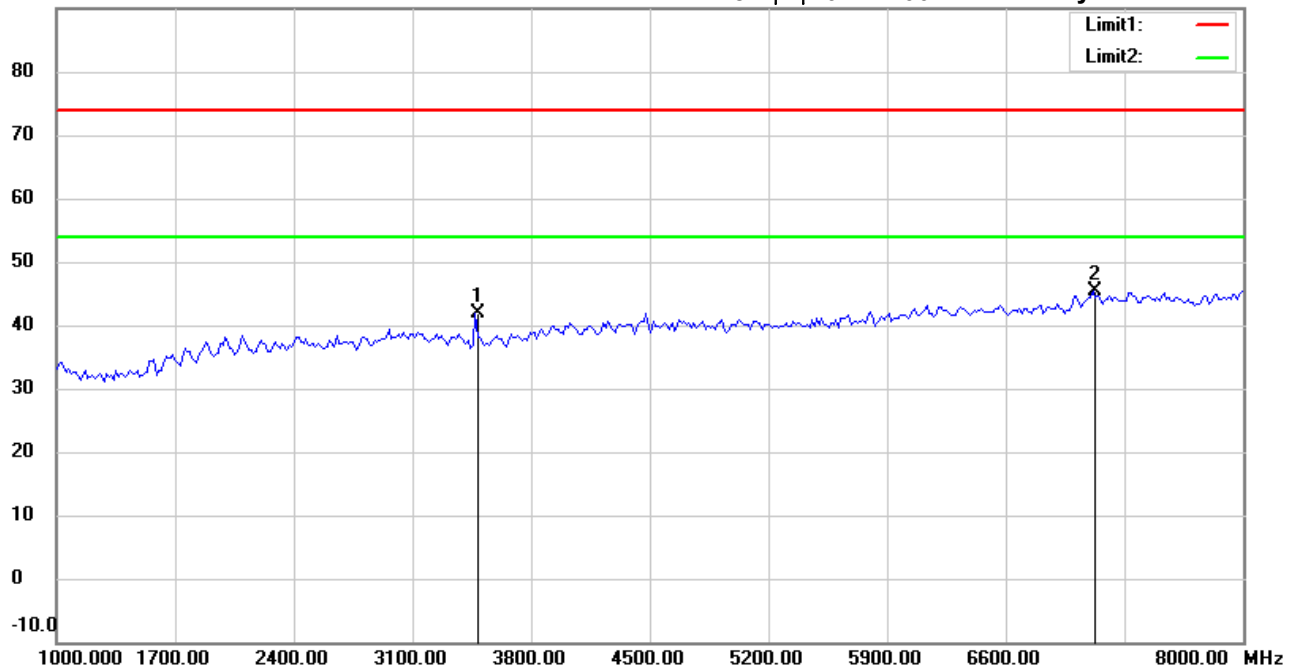
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:14:00

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band II Idle

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	3468.938	45.04	peak	-3.24	41.80	74.00	100	25	-32.20	
*	7116.233	41.02	peak	4.38	45.40	74.00	100	115	-28.60	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #5

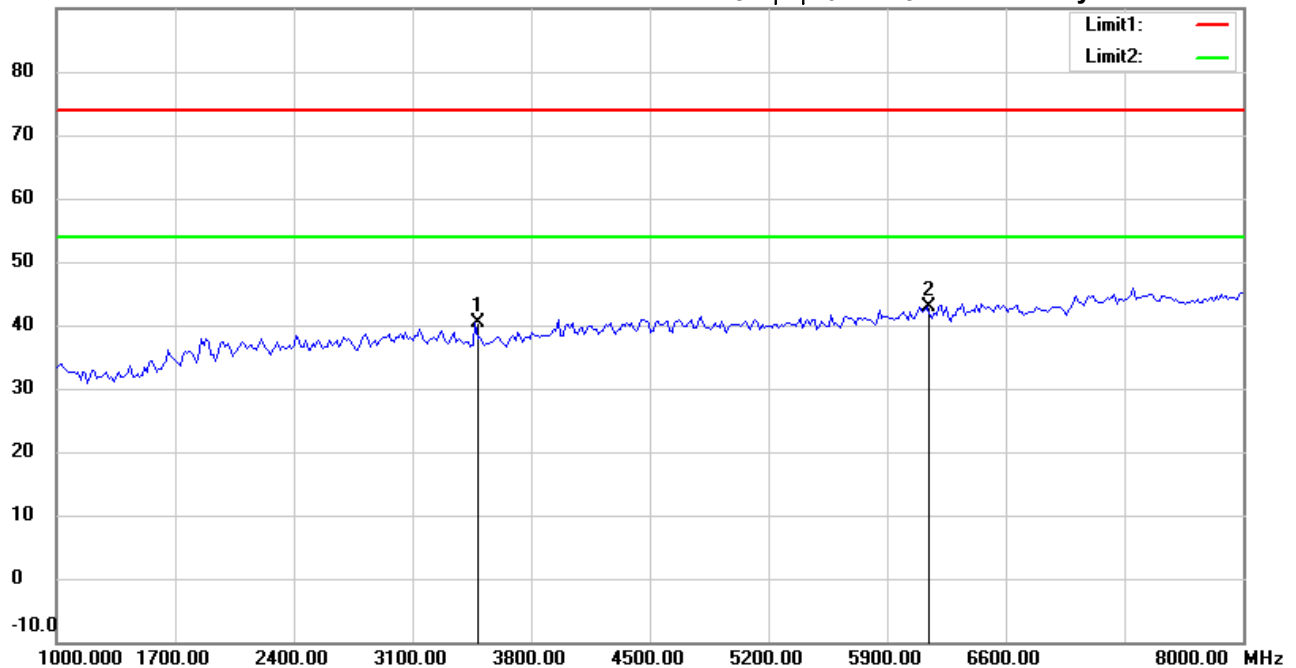
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:14:54

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band II Idle

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	3468.938	43.60	peak	-3.24	40.36	74.00	100	240	-33.64	
*	6134.269	40.09	peak	2.78	42.87	74.00	100	95	-31.13	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #2

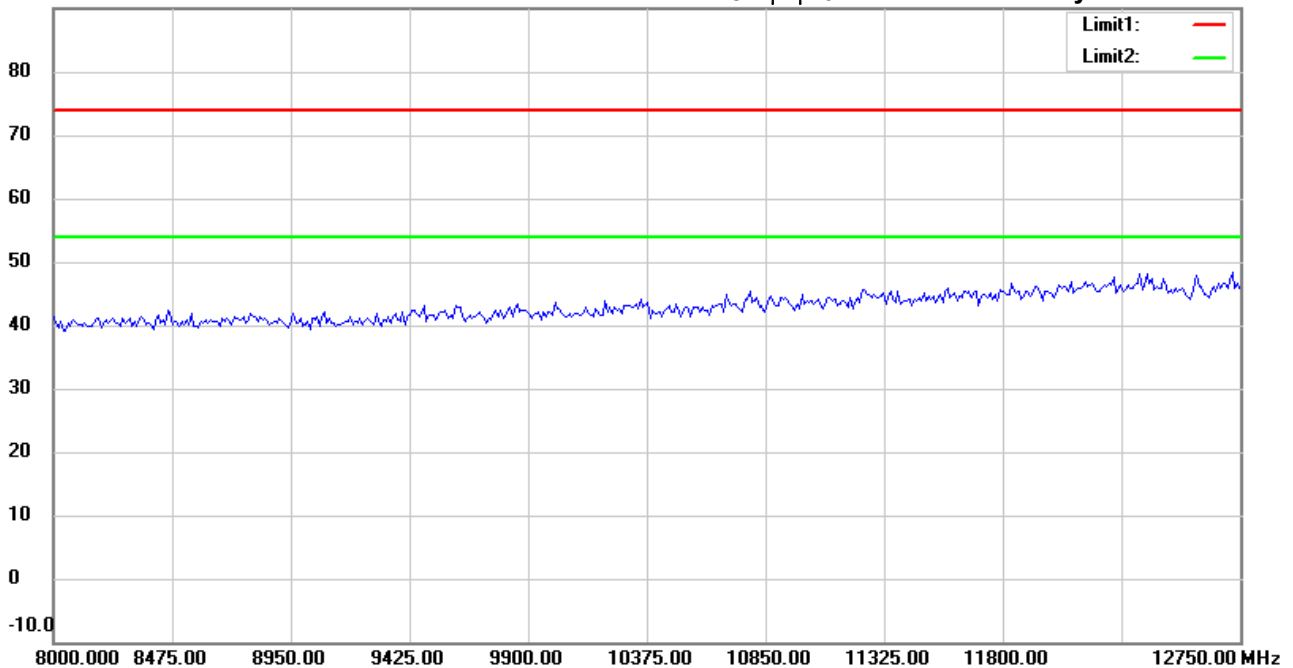
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:14:12

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band II Idle

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #6

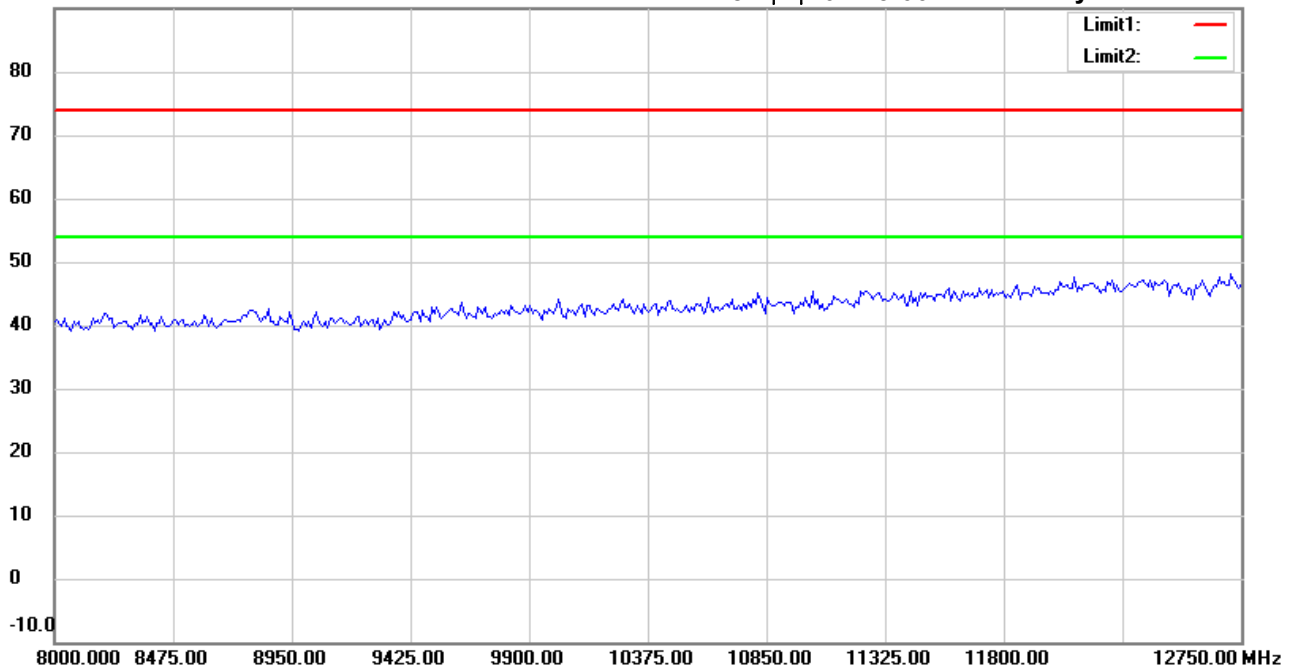
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:15:06

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band II Idle

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #3

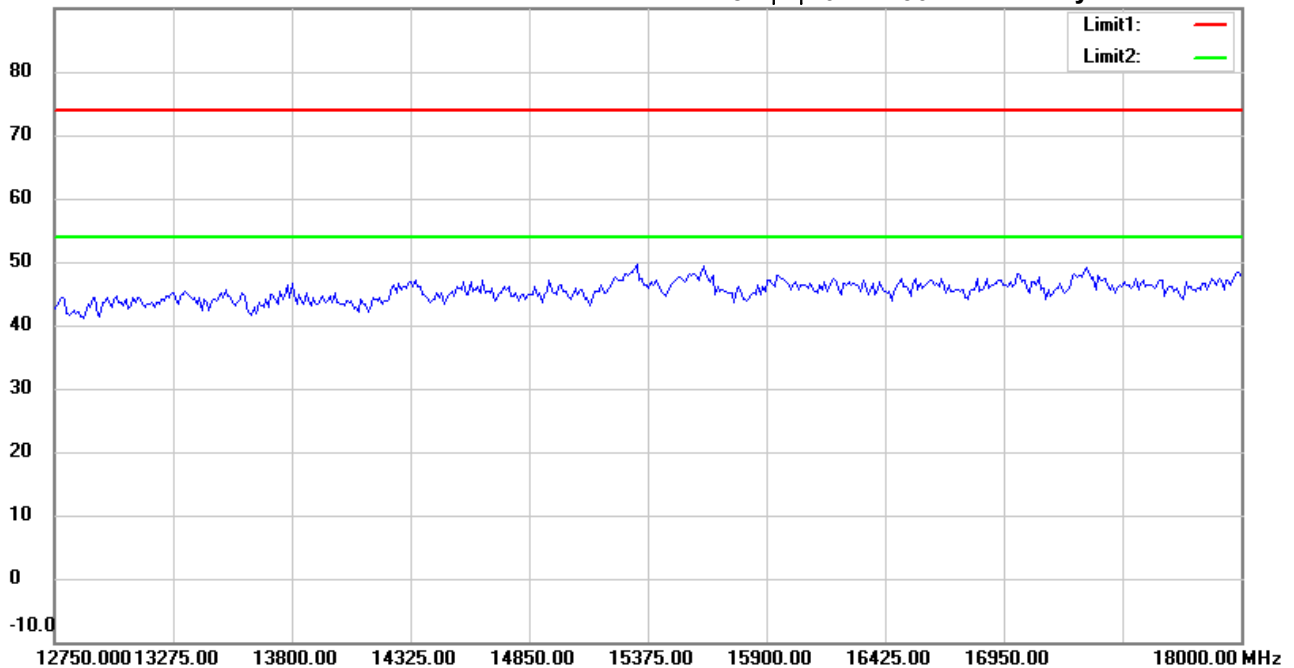
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:14:36

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band II Idle

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #7

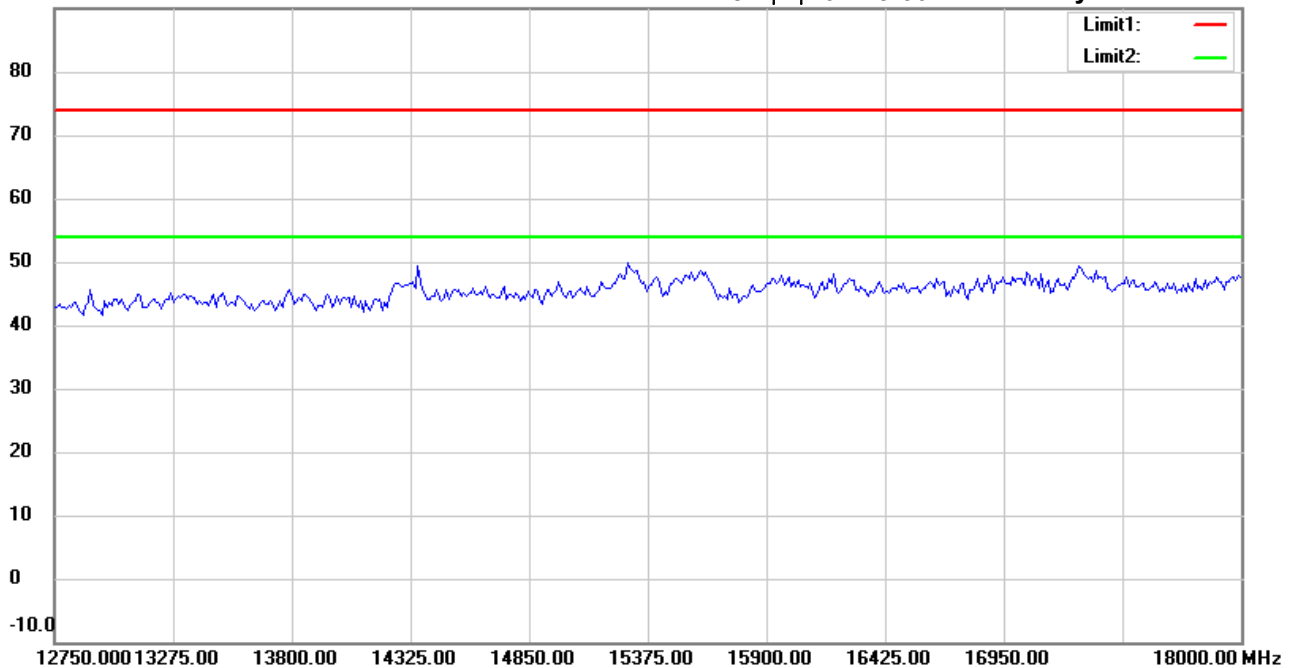
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:15:30

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band II Idle

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #4

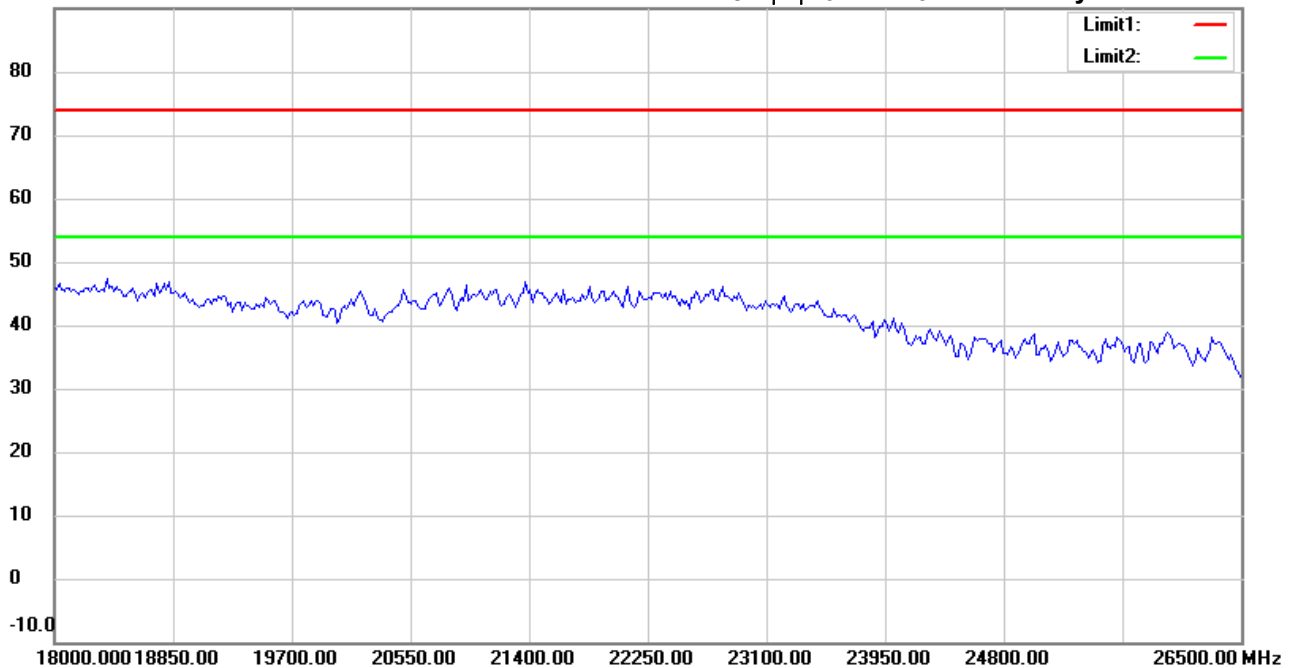
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:14:46

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band II Idle

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

File : 3

Data : #8

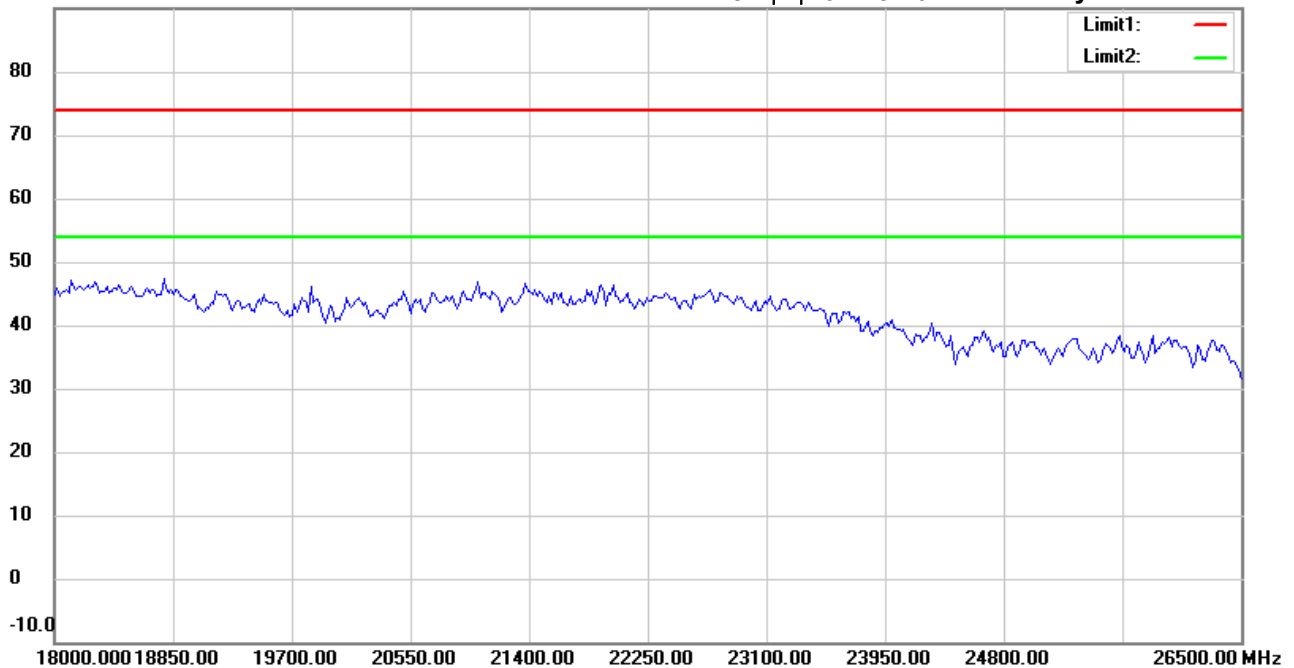
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:15:40

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band II Idle

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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

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



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

Operator: Roy

File :1

Data :#1

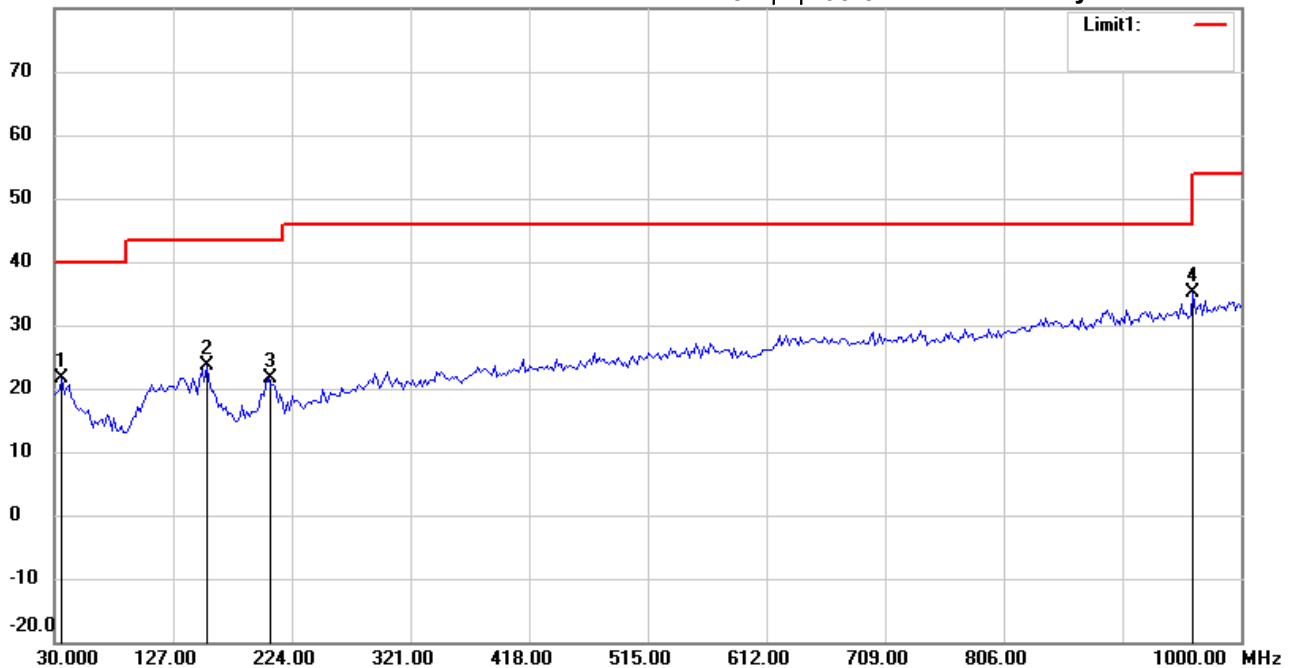
Date: 2016/10/28

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 05:54:11

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band V Idle

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	35.8316	29.16	peak	-7.59	21.57	40.00	100	35	-18.43	
	154.4088	31.88	peak	-8.16	23.72	43.50	100	225	-19.78	
	204.9500	31.63	peak	-10.07	21.56	43.50	100	100	-21.94	
	961.1222	29.39	peak	5.72	35.11	54.00	100	180	-18.89	

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



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

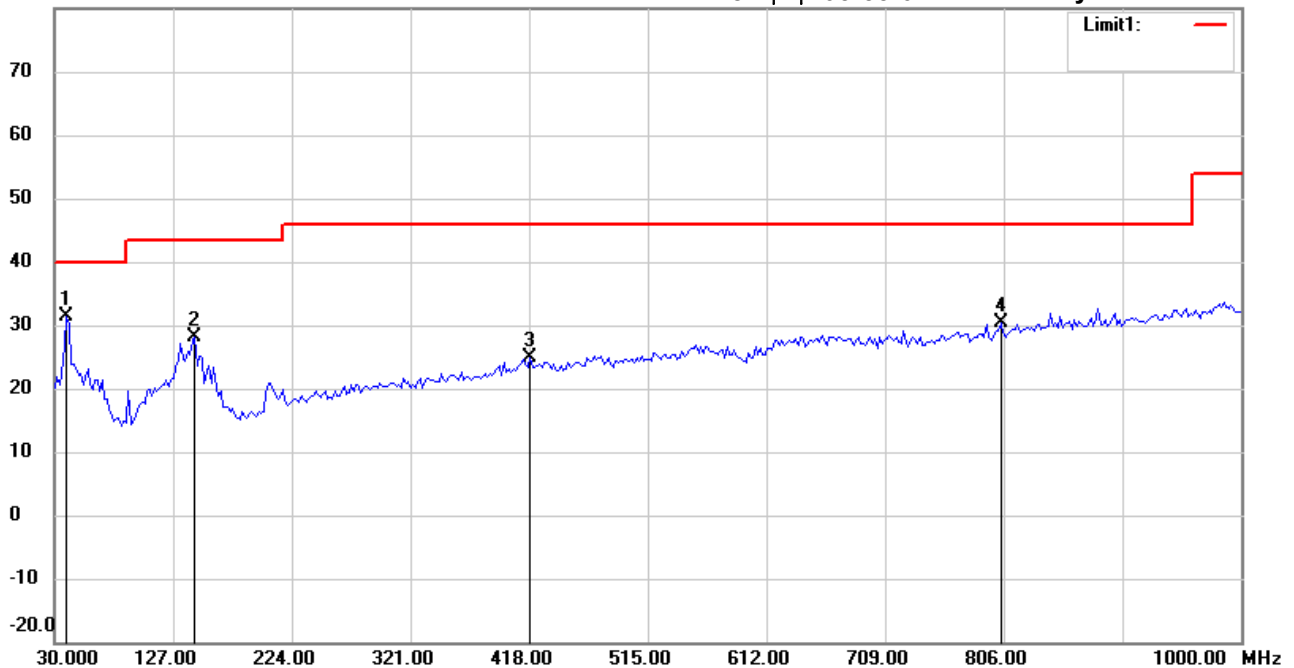
Date: 2016/10/28

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 05:55:04

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band V Idle

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	39.7194	39.48	peak	-8.15	31.33	40.00	100	130	-8.67	
	144.6894	35.26	peak	-7.15	28.11	43.50	100	280	-15.39	
	418.7776	28.23	peak	-3.34	24.89	46.00	100	75	-21.11	
	803.6673	28.41	peak	1.94	30.35	46.00	100	95	-15.65	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #1

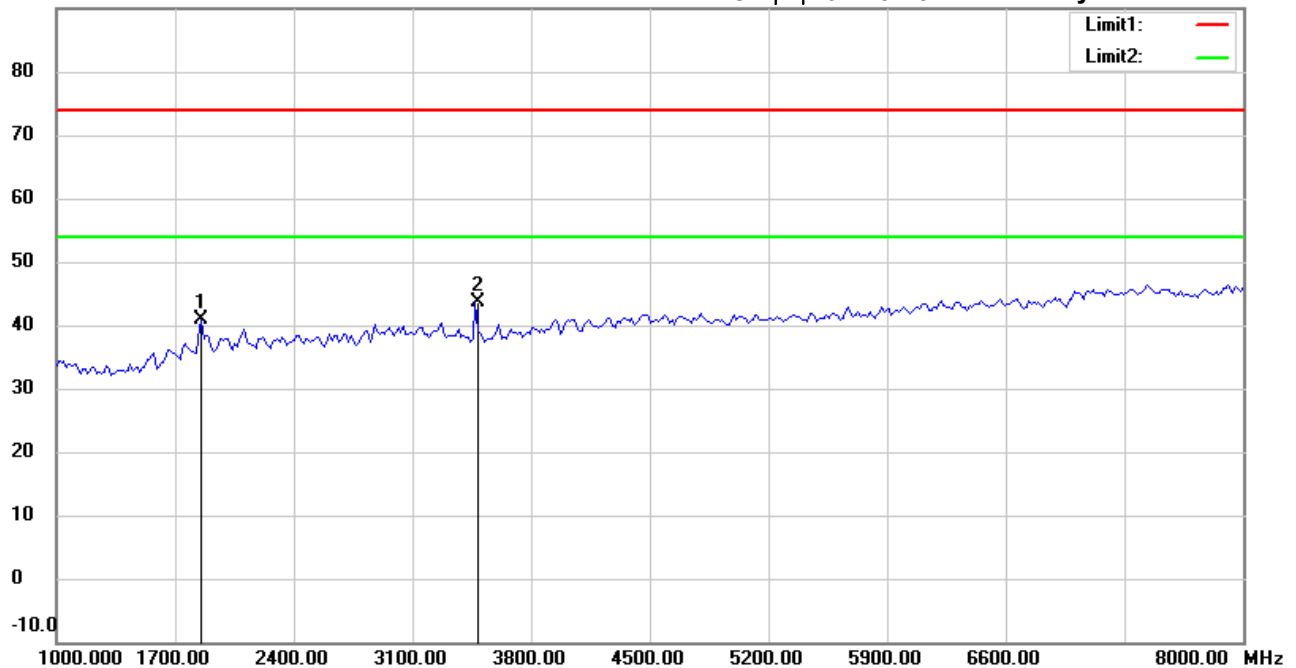
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:19:49

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band V Idle

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1855.711	47.32	peak	-6.32	41.00	74.00	100	260	-33.00	
*	3468.938	46.92	peak	-3.24	43.68	74.00	100	85	-30.32	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #3

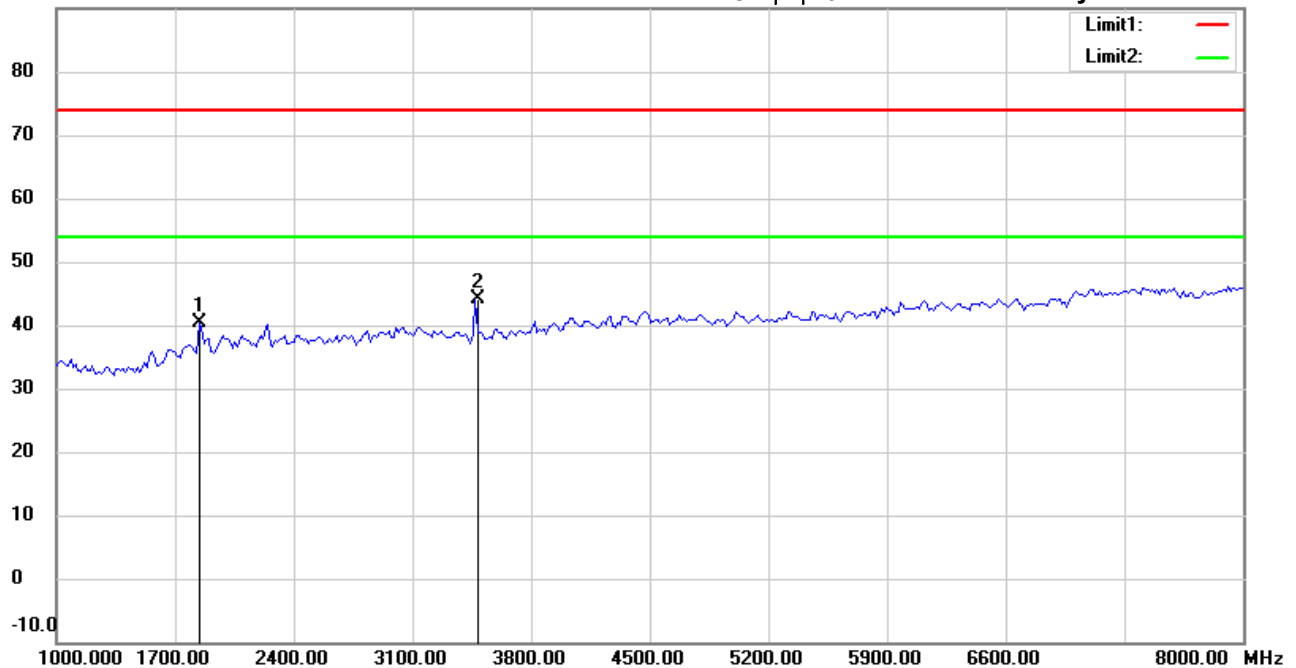
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:21:44

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band V Idle

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1841.683	46.78	peak	-6.46	40.32	74.00	100	70	-33.68	
*	3468.938	47.46	peak	-3.24	44.22	74.00	100	235	-29.78	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #2

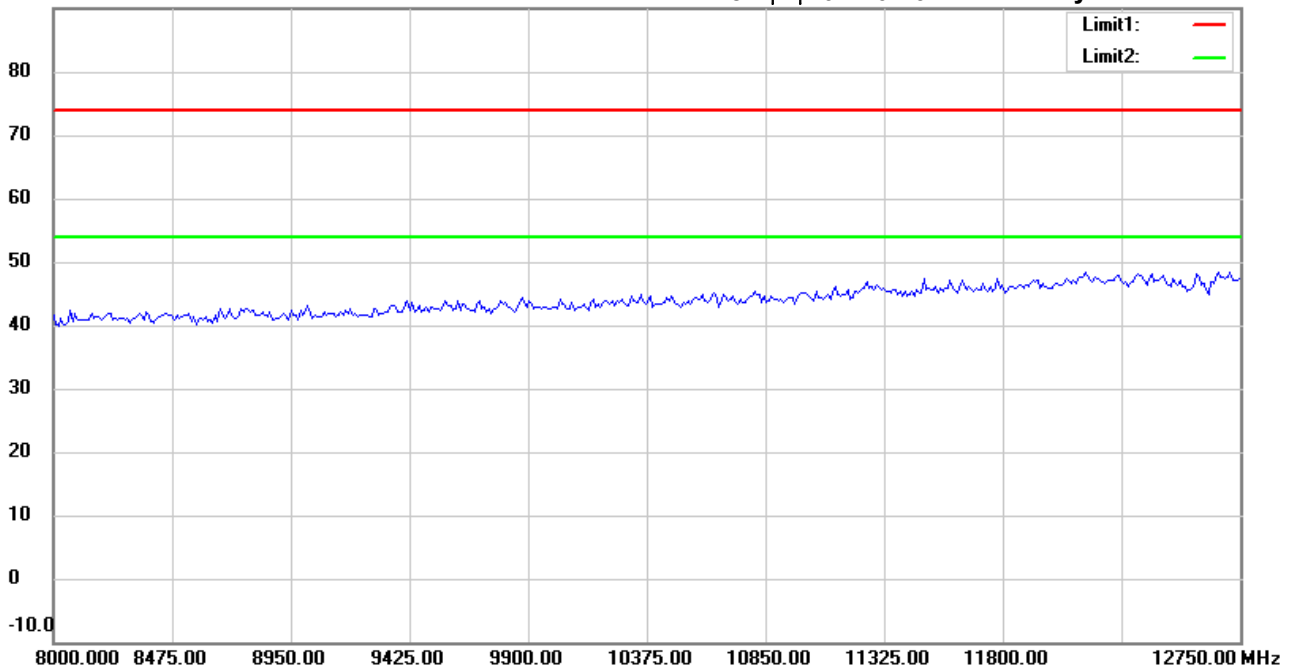
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:20:49

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band V Idle

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #4

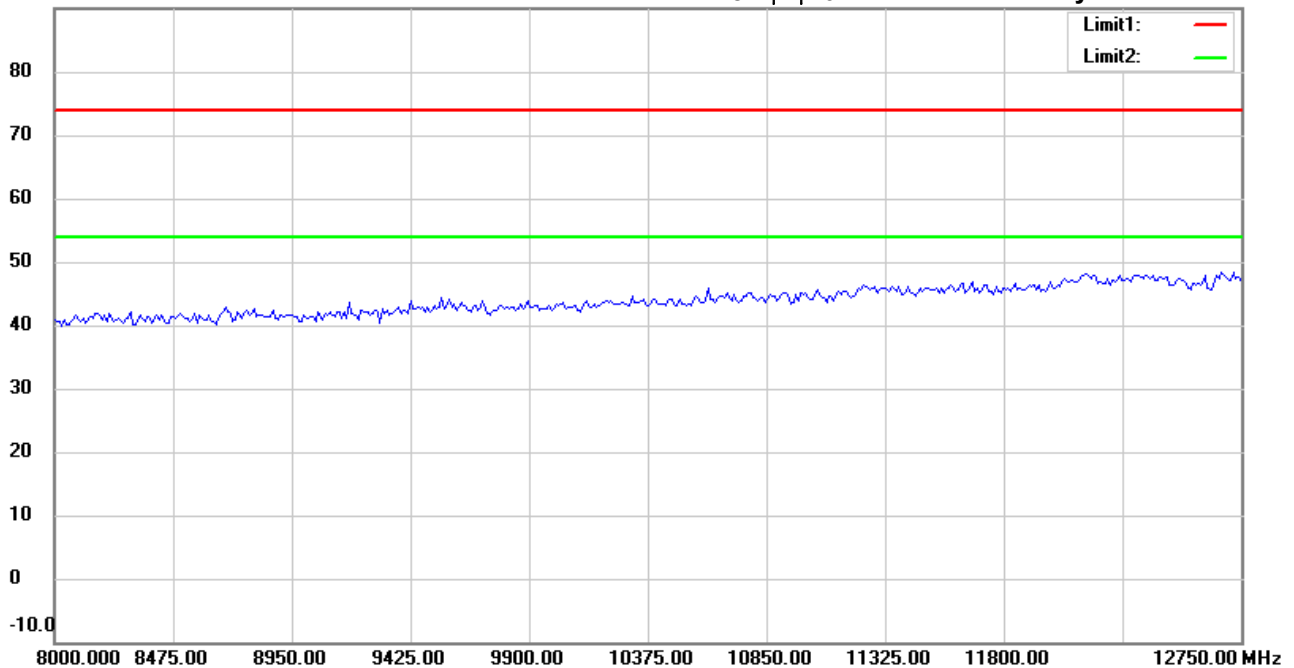
Date: 2016/10/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 04:22:44

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6R21610-16279

M/N:

Test Mode : WCDMA Band V Idle

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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

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