FCC PART 74 / IC RSS-210 TEST REPORT

for

MINI TRANSMITTER

Model No.: MT-U8

FCC ID: CINMT-U8-470

IC: 3563A-MTU8

of

Applicant: **CHIAYO ELECTRONICS CO., LTD.**
Address: **No.88, Chung Hsiao Street 2, Chiayi, 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.: W6M21501-14749-C-1

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

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Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

1 General Information

1.1 Notes

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.
The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.
Furthermore, there is no guarantee that a test sample which has passed all the relevant tests conforms to a specification.
Neither is there any guarantee that such a test sample will interwork with other genuinely open systems.
The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that is performance generally conforms to representative cases of communications equipment.

The test results of this test report relate exclusively to the item tested as specified in 1.5.
The test report may only be reproduced or published in full.
Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services (Taiwan) Co., Ltd.

Tester:

January 19, 2015		Mark Cheng	Mark cheng.
Date	WTS-Lab.	Name	Signature

Technical responsibility for area of testing:

January 19, 2015		Kevin Wang	Kevin Wang
Date	WTS	Name	Signature

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
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1.2 Testing laboratory

1.2.1 Location

OATS
No.5-1, Lishui, Shuang Sing Village,
Wanli Dist., New Taipei City 207,
Taiwan (R.O.C.)
3 meter semi-anechoic chamber
No.35, Aly. 21, Ln. 228, Ankang Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)
TEL:886-2-6613-0228
FAX:886-2-2791-5046

Company
Worldwide Testing Services(Taiwan) Co., Ltd.
6F, NO. 58, LANE 188, RUEY-KUANG RD.
NEIHU, TAIPEI 114, TAIWAN R.O.C.
Tel : 886-2-66068877
Fax : 886-2-66068879

1.2.2 Details of accreditation status

Accredited testing laboratory
A2LA accredited number: 2732.01
FCC filed test laboratory Reg. No. 930600
Industry Canada filed test laboratory Reg. No. IC 5679A-1, IC 5107A-1

Testing Laboratory
1477

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

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

Registration number: W6M21501-14749-C-1
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1.3 Details of approval holder

Name:	CHIAYO ELECTRONICS CO., LTD.
Street:	No.88, Chung Hsiao Street 2,
Town:	Chiayi,
Country:	Taiwan, R.O.C.
Telephone:	+886-5-271-1000
Fax:	+886-5-276-7611

1.4 Application details

Date of receipt of test sample:	January 12, 2015
Date of test:	from January 13, 2015 to January 19, 2015

1.5 General information of Test item

Type of test item:	MINI TRANSMITTER
Model Number:	MT-U8
Brand Name:	Fitness Audio
Multi-listing model number:	without
Photos:	see Annex

Technical data

Frequency band :

Frequency(MHz)	TV Band	Used Band
26.100-26.480	☐	☐
54.000-72.000	☐	☐
76.000-88.000	☐	☐
161.625-161.775	☐	☐
174.000-216.000	☐	☐
450.000-451.000	☐	☐
455.000-456.000	☐	☐
470.000-488.000	☒	☒
488.000-494.000	☒	☒
494.000-608.000	☒	☒
614.000-698.000	☒	☒
944.000-952.000	☐	☐

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Frequency (ch A):	470.1MHz
Frequency (ch B):	539 MHz
Frequency (ch C):	607.9MHz
Frequency (ch D):	614.1MHz
Frequency (ch E):	655.95 MHz
Frequency (ch F):	697.8 MHz
Antenna Type:	Wire Antenna
Antenna Gain:	0 dBi
Power supply:	Battery 1.5 Vd.c.
Operation modes:	Simplex

Manufacturer: (if applicable)

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

1.6 Test standards

Technical standard:	FCC Part 74 Subpart H , section 74.861 (2014-10) CANADA RSS-210 Issue 8, Amendment 1 February 2015

2 Technical test

2.1 Summary of test results

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

or

The deviations as specified in 3 were ascertained in the course of the tests performed. ☐

2.2 Test environment

Temperature:	23 °C
Relative humidity content:	20 ... 75 %
Air pressure:	86-103 KPa

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2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2014/9/2	2015/9/1
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	2014/7/8	2015/7/7
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2014/10/13	2015/10/12
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2014/9/2	2015/9/1
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2014/9/2	2015/9/1
ETSTW-RE 012	TUNABLE BANDREJECT FILTER	D.C 0309	146	K&L	Function Test	
ETSTW-RE 013	TUNABLE BANDREJECT FILTER	D.C 0336	397	K&L	Function Test	
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2014/10/15	2015/10/14
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2014/7/01	2015/6/30
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2014/2/25	2015/2/24
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 049	TRILOG Super Broadband test Antenna	VULB 9160	9160-3185	Schwarzbeck	2014/2/18	2015/2/17
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2014/3/3	2015/3/2
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2014/3/3	2015/3/2
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2014/3/3	2015/3/2
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2014/6/05	2015/6/04
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2014/3/3	2015/3/2
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2014/11/26	2015/11/25
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	Function Test	
ETSTW-RE 069	Double-Ridged Guide Horn Antenna	3117	00069377	ETS-Lindgren	Function Test	
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2014/10/9	2015/10/8
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2014/9/22	2015/9/21
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2014/3/3	2015/3/2
ETSTW-RE 106	Humidity Temperature Meter	TES-1366	091011113	TES	2014/11/7	2015/11/6
ETSTW-RE 111	TRILOG Super Broadband test Antenna	VULB 9160	9160-3309	Schwarz beck	2014/12/5	2015/12/4
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	None	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2015/1/7	2016/1/6
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2014/6/11	2015/6/10

ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2014/8/12	2015/8/11
ETSTW-RE 126	5GHz Notch filter	5NSL11-5800/E221.3-O/O	1	K&L Microwave	2014/8/12	2015/8/11
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2014/3/3	2015/3/2
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circits	2014/8/12	2015/8/11
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circits	2014/8/12	2015/8/11
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2014/10/20	2015/10/19
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2015/1/7	2016/1/6
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2015/1/7	2016/1/6
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2015/1/7	2016/1/6
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2015/1/7	2016/1/6
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2014/9/17	2015/9/16
ETSTW-Cable 010	BNC Cable	5 M BNC Cable	None	JYE BAO CO.,LTD.	2014/10/15	2015/10/14
ETSTW-Cable 011	BNC Cable	BNC Cable 1	None	JYE BAO CO.,LTD.	Pre-test Use NCR	
ETSTW-Cable 012	N TYPE To SMA Cable	Cable 012	None	JYE BAO CO.,LTD.	2014/10/15	2015/10/14
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2014/2/27	2015/2/26
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2014/2/27	2015/2/26
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2014/2/27	2015/2/26
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2014/2/27	2015/2/26
ETSTW-Cable 022	N TYPE Cable	5006	0002	JYE BAO CO.,LTD.	2014/2/19	2015/2/18
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2014/3/3	2015/3/2
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2014/3/3	2015/3/2
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2014/9/22	2015/9/21
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2014/9/22	2015/9/21
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104（S_Cable 9）	279067	HUBER+SUHNER	2014/3/3	2015/3/2
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104（S_Cable 10）	238092	HUBER+SUHNER	2014/11/26	2015/11/25
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2014/11/26	2015/11/25
ETSTW-Cable 047	Microwave Cable	SUCOFLEX 104	325518	HUBER+SUHNER	2014/11/26	2015/11/25
ETSTW-Cable 053	N TYPE To SMA Cable	RG142	None	JYE BAO CO.,LTD.	2014/2/19	2015/2/18
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2014/2/19	2015/2/18
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMC	None	Farad	Version ETS-03A1	

2.4 General Test Procedure

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI STANDARD C63.4-2014 5.2 using a 50μH LISN (if necessary). Both lines were observed. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

RADIATION INTERFERENCE: The test procedure used was according to ANSI STANDARD C63.4-2014 6.4 employing a spectrum analyzer. For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 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 ambient temperature of the UUT was 23°C with a humidity of 40 %.

The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

(1) If the intentional radiator operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
(2) If the intentional radiator operates at or above 10 GHz and below 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.
(3) If the intentional radiator operates at or above 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 200 GHz, whichever is lower, unless specified otherwise elsewhere in the rules.
(4) If the intentional radiator contains a digital device, regardless of whether this digital device controls the functions of the intentional radiator or the digital device is used for additional control or function purposes other than to enable the operation of the intentional radiator, the frequency range shall be investigated up to the range specified in paragraphs (a)(1)-(a)(3) of this section or the range applicable to the digital device, as shown in paragraph (b)(1) of this Section, whichever is the higher frequency range of investigation.

For hand-held devices, a exploratory test was performed with three (3) orthogonal planes to determine the highest emissions.
Measurements were made by at the registered open field test site located at The Registration Number:
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.

ANSI STANDARD C63.4-2014 10.2.7: Any measurements that utilize special test software shall be indicated and referenced in the test report. During testing, test software ’EZ EMC’ was used for setting up different operation modes.

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3 Test results (enclosure)

Test case	Para. Number	Required	Test passed	Test failed
RF Power Output	2.1046 (a); 74.861 (e)(1) RSS-210 Section 6	☒	☒	☐
Modulation Deviation	2.1047 (b); 74.861 (e)(2) RSS-210 section 6	☒	☒	☐
Audio Frequency Response	2.1047 (a)	☒	☒	☐
Occupied Bandwidth / Emission Mask	2.1049 (c)(1); 74.861 (e)(5) RSS-210 Section 6 RSS-Gen	☒	☒	☐
Spurious Emissions at Antenna Terminals	2.1051 74.861(e)(6) RSS-210 section 6	☐	☐	☐
Radiated Spurious Emission	2.1053 74.861(e)(6) RSS-210 section 6	☒	☒	☐
Line Conducted Emissions	15.207 RSS-Gen	☐	☐	☐
Frequency Stability vs. Temperature	2.1055 (b); 74.861(e)(4) RSS-210 Section 6 RSS-Gen	☒	☒	☐
Frequency Stability vs. Voltage	2.1055 (a)(1); 74.861 (e)(4) RSS-210 Section 6 RSS-Gen	☒	☒	☐

The following is intentionally left blank.

4 RF Power Output (conducted) , FCC 2.1046 (a) ; 74.861 (e)

4.1 Test procedure

This transmitter output was connected to a calibrated coaxial attenuator, the other end of which was connected to a spectrum analyzer. Transmitter output was derived with the spectrum analyzer in dBm.
The power output at the transmitter antenna port was determined by assign the value of the attenuator to the spectrum analyzer reading.
An HP power meter was also used to measure the RF power.
Tests were performed with an un-modulated carrier at three frequencies (low , middle and high channels) and on all power levels , which can be set-up on the transmitters.

4.2 Test Results

Frequency Channel	Peak Output Power (dBm)
-- MHz	--
-- MHz	--
-- MHz	--

Limits:

LPAS operating in TV bands	
Frequency [MHz]	Conducted output power [mW]
54 – 72 76 – 88 174 - 216	50 (17 dBm)
470 – 608 614 - 698	250 (24 dBm)

LPAS operating in other than TV bands	
Conducted power [W]	1

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

Explanation :This test is not required.

5 Radiated Power

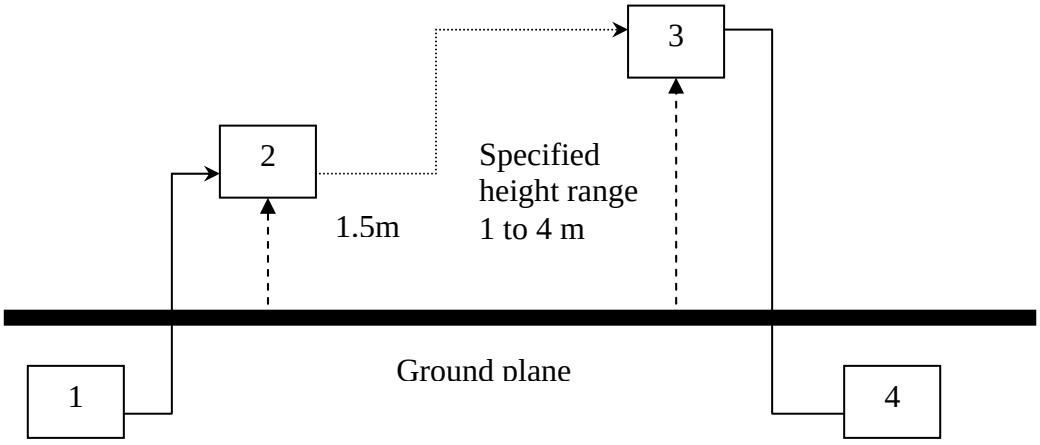
5.1 Test Procedure

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.

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
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.

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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 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 :

Now 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.

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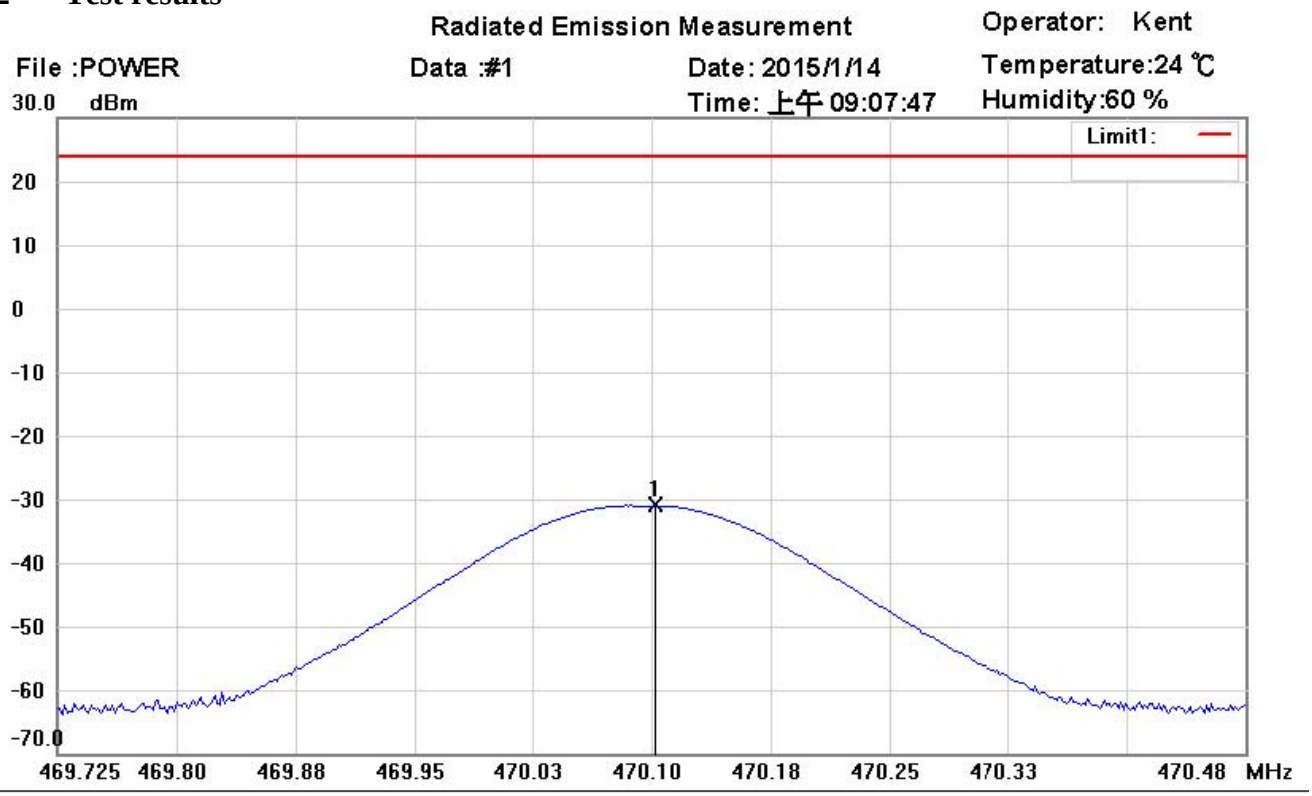
5.2 Test results



Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 470.1 MHZ
Note :

Polarization: *Horizontal*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	470.1023	-57.96	peak	26.98	-30.98	24.00	150	220	-54.98	

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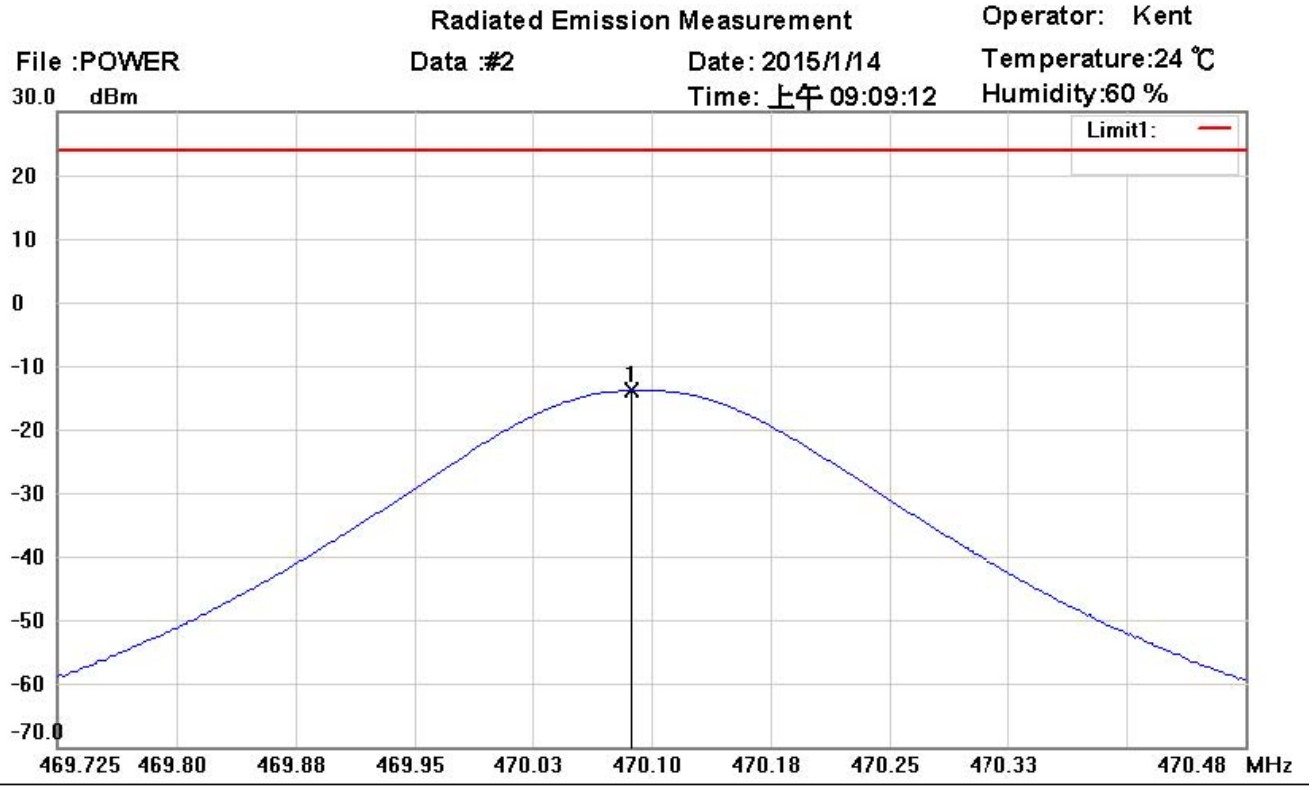

Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 470.1 MHZ
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	470.0872	-41.48	peak	27.54	-13.94	24.00	150	305	-37.94	

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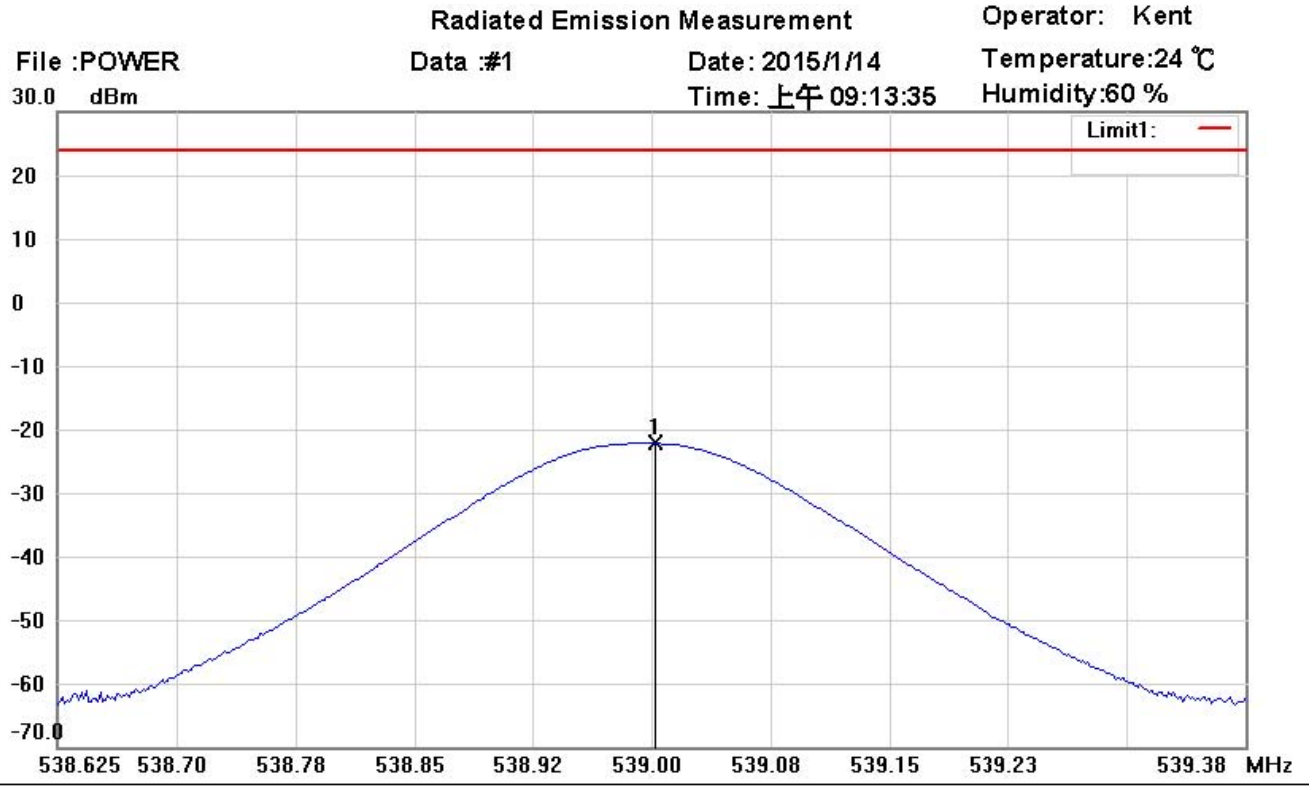

Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 539 MHZ
Note :

Polarization: *Horizontal*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	539.0023	-48.67	peak	26.46	-22.21	24.00	150	305	-46.21	

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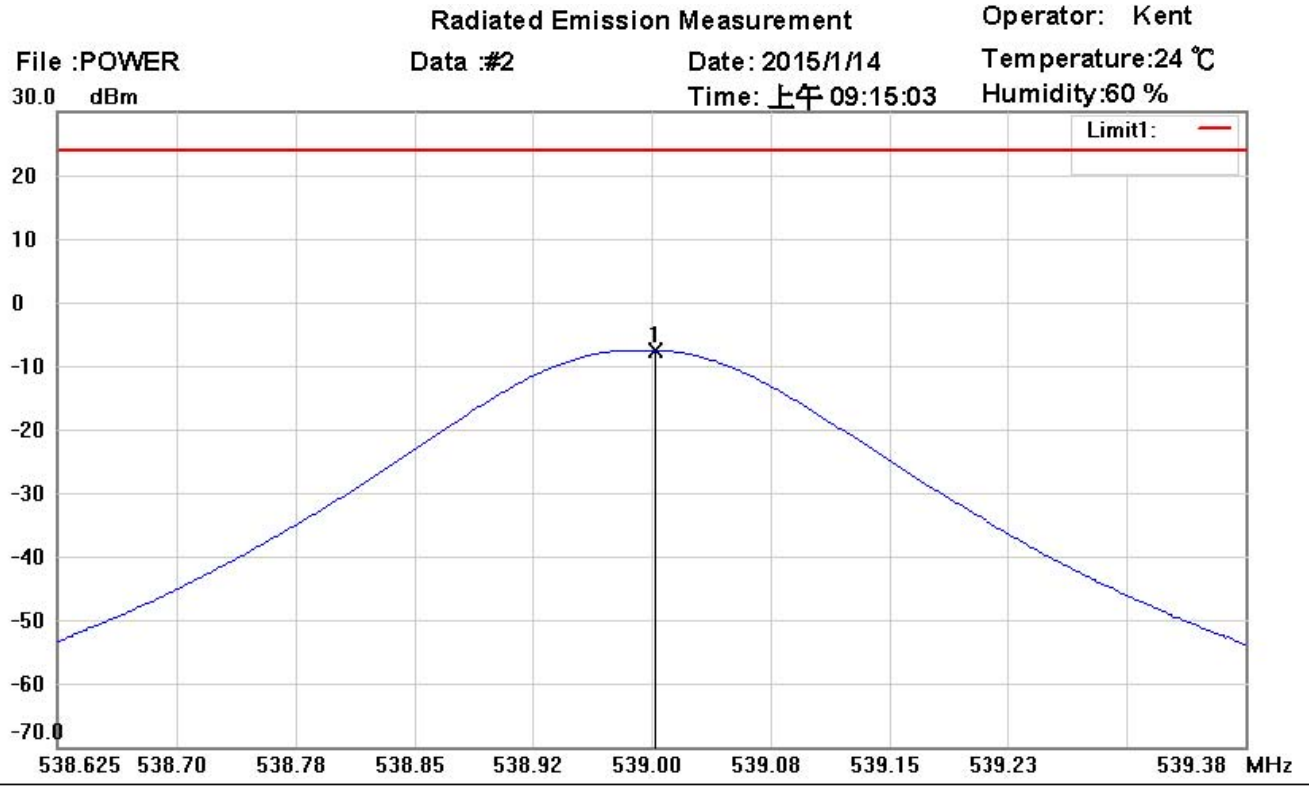

Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 539 MHZ
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	539.0023	-36.86	peak	29.27	-7.59	24.00	150	345	-31.59	

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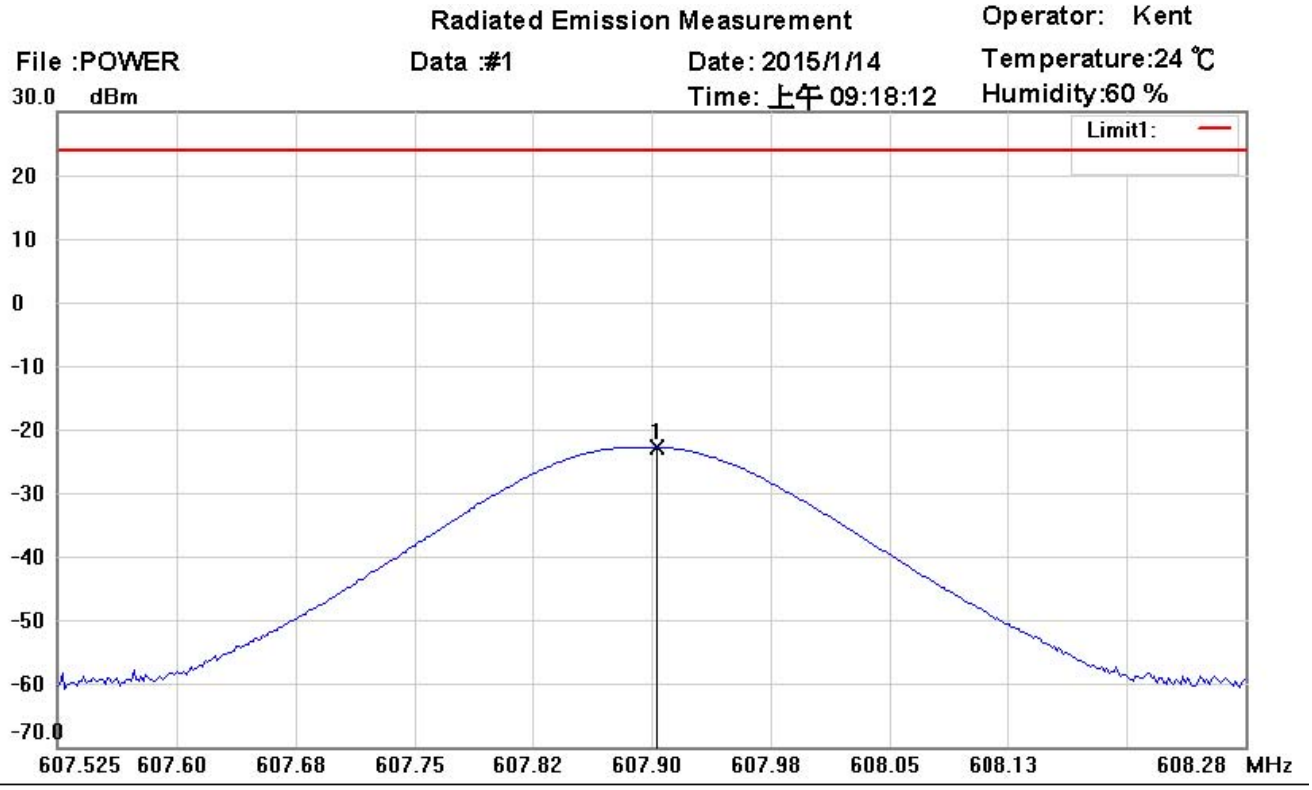
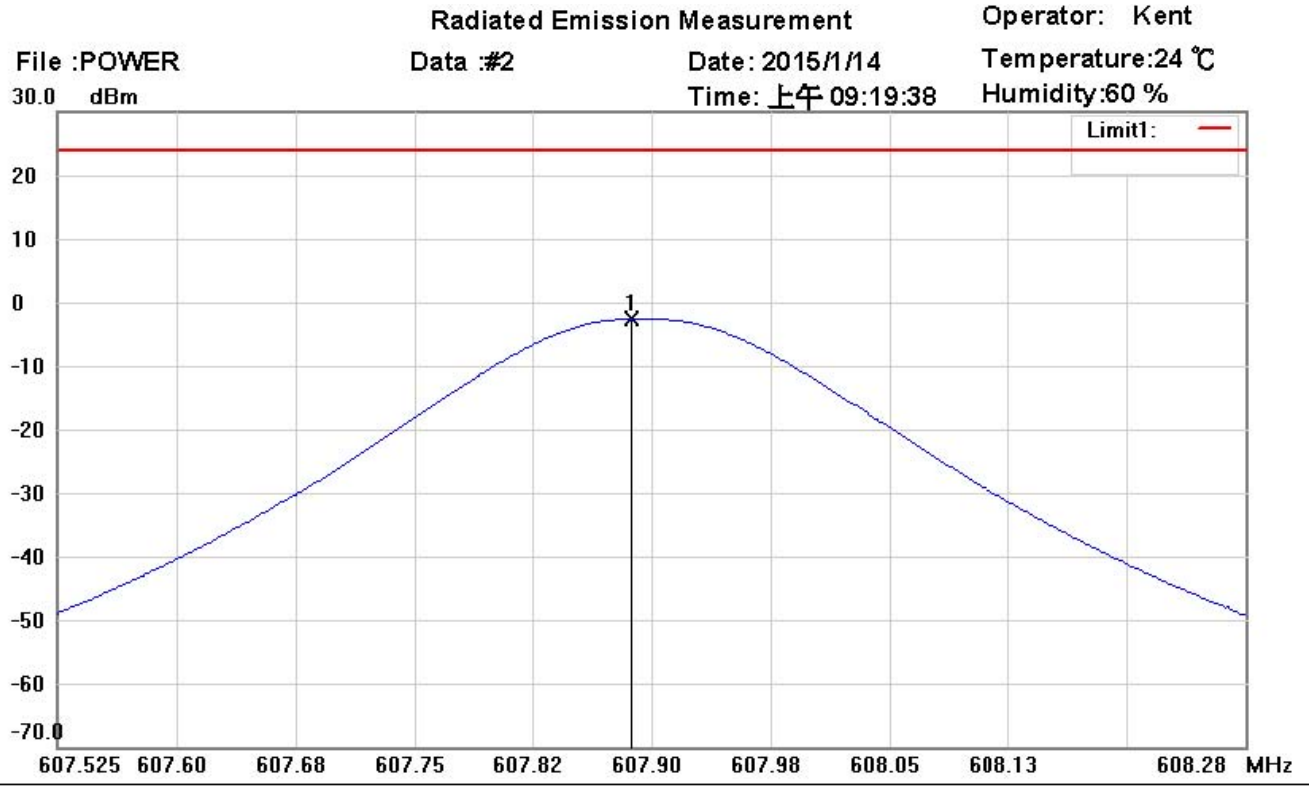


Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 607.9 MHZ
Note :

Polarization: *Horizontal*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	607.9038	-52.46	peak	29.62	-22.84	24.00	150	325	-46.84	

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

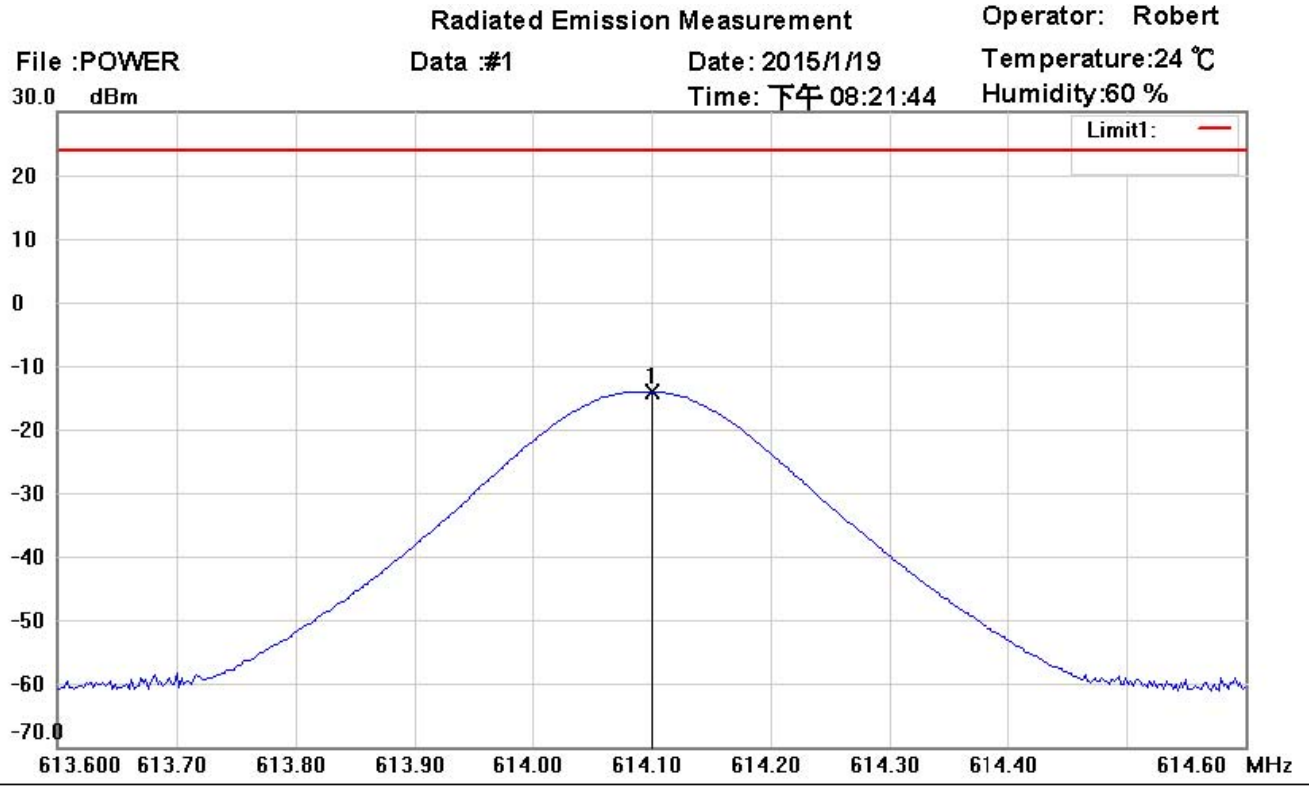


Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 607.9 MHZ
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	607.8872	-32.29	peak	29.65	-2.64	24.00	150	305	-26.64	

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

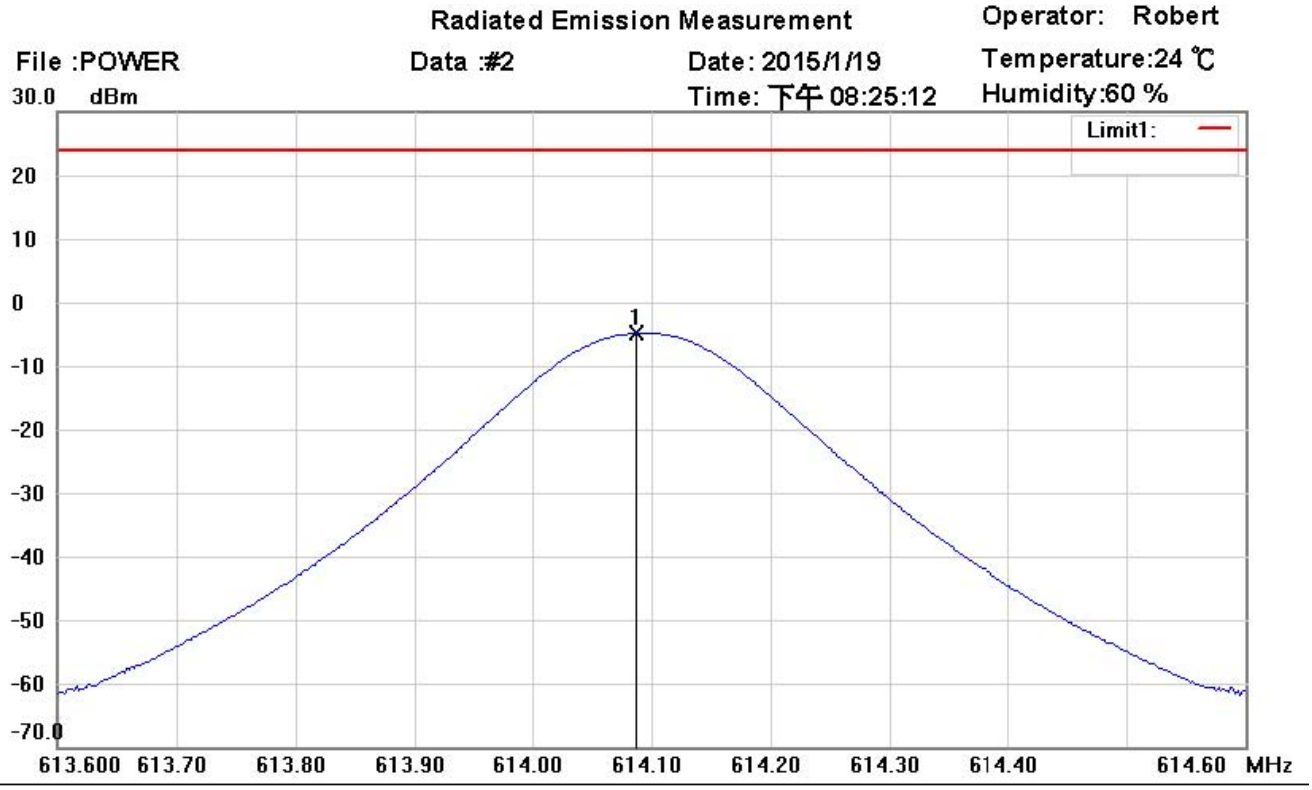


Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 614.1 MHZ
Note :

Polarization: *Horizontal*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	614.1010	-44.85	peak	30.78	-14.07	24.00	150	170	-38.07	

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

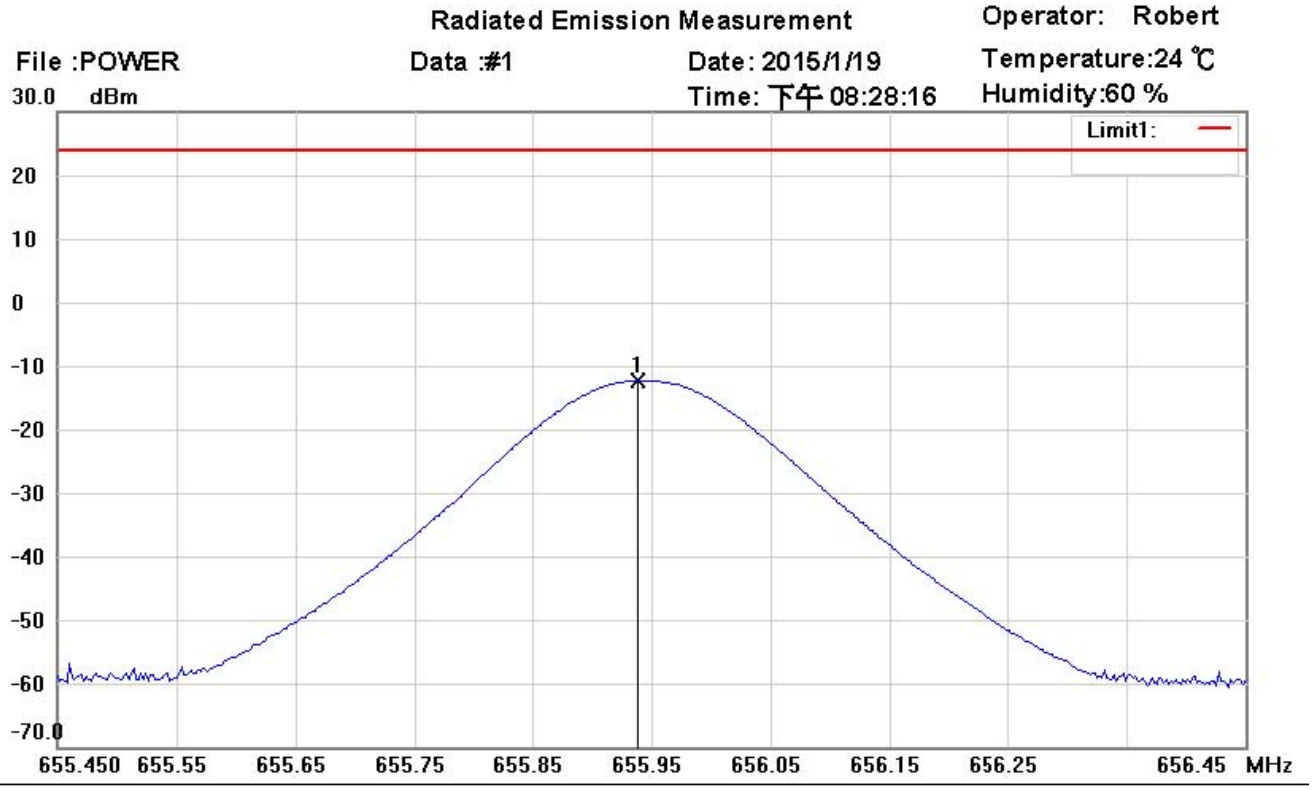


Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 614.1 MHZ
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	614.0870	-32.83	peak	27.91	-4.92	24.00	150	210	-28.92	

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

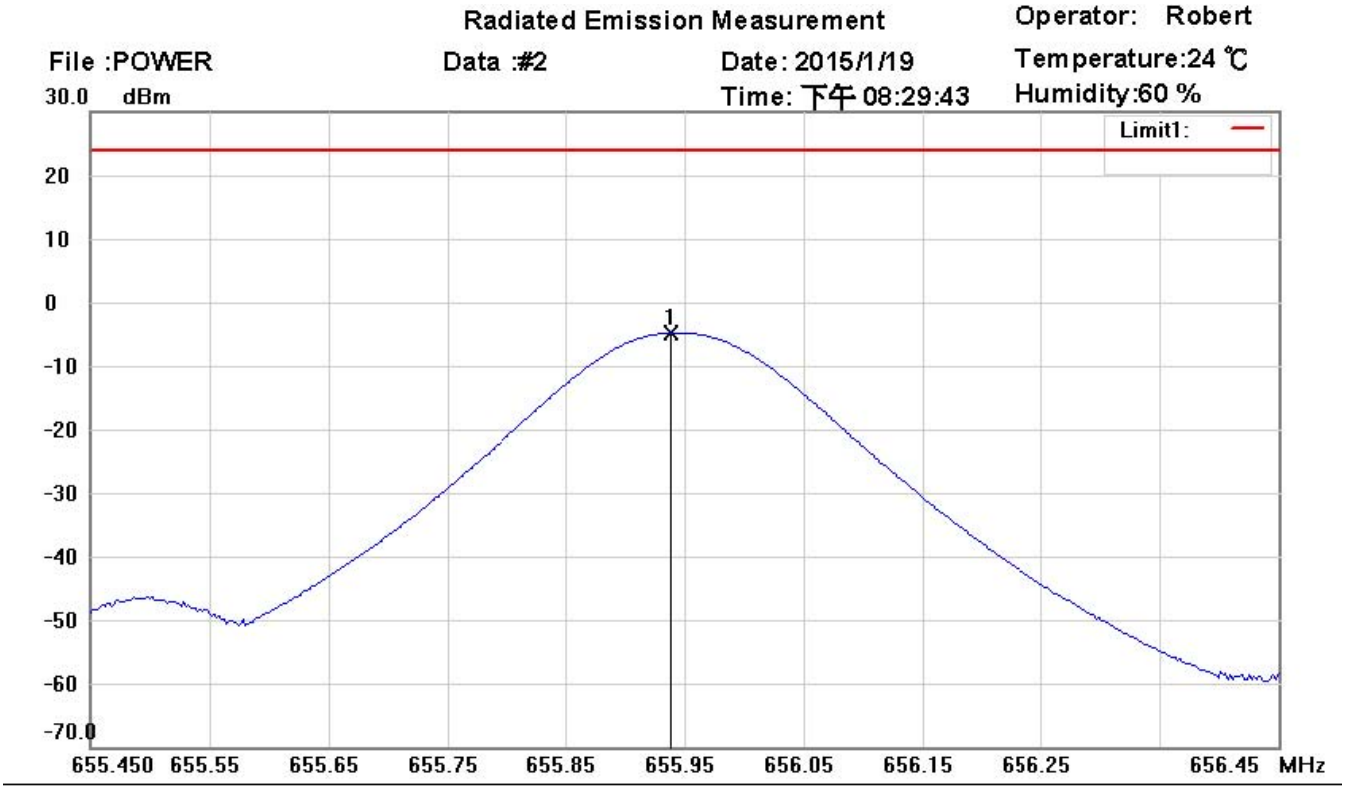


Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 655.95 MHZ
Note :

Polarization: *Horizontal*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	655.9390	-42.90	peak	30.50	-12.40	24.00	150	110	-36.40	

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

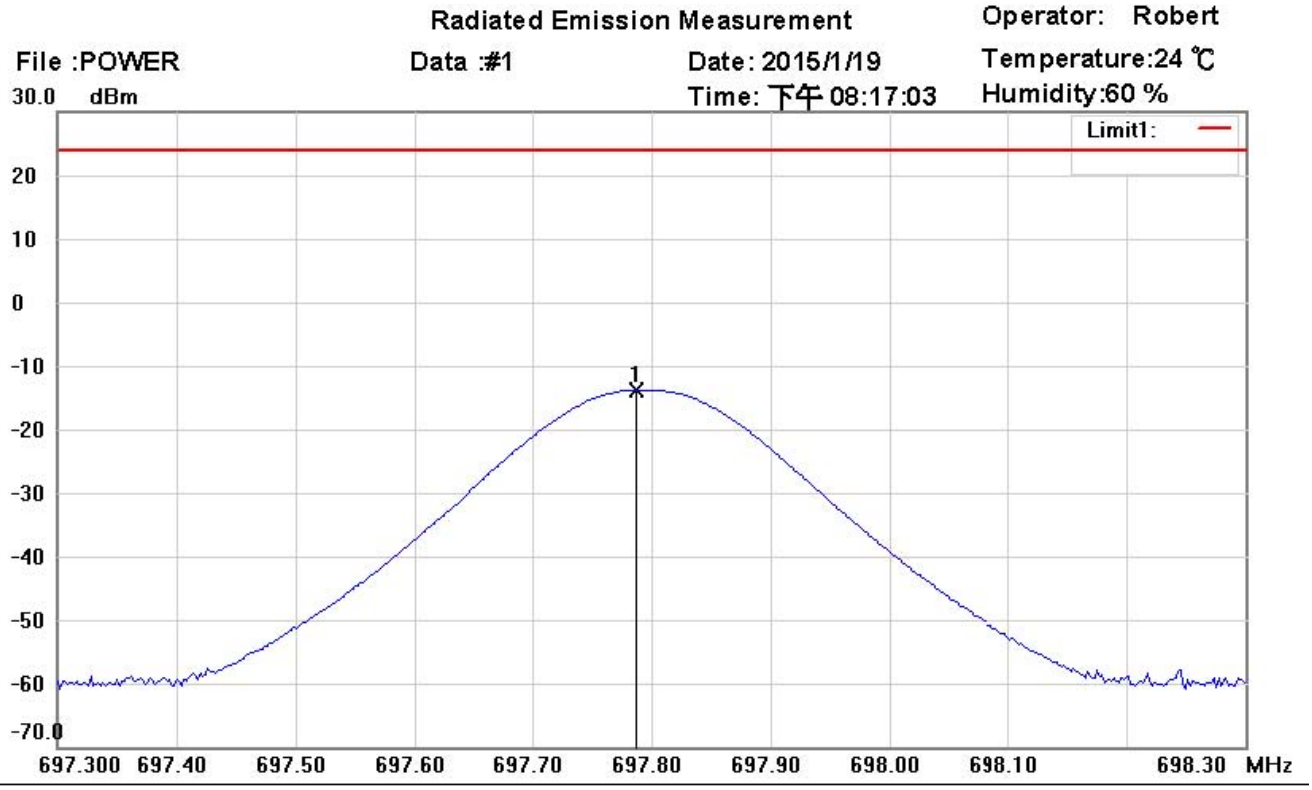


Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 655.95 MHZ
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	655.9390	-34.92	peak	30.04	-4.88	24.00	150	120	-28.88	

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

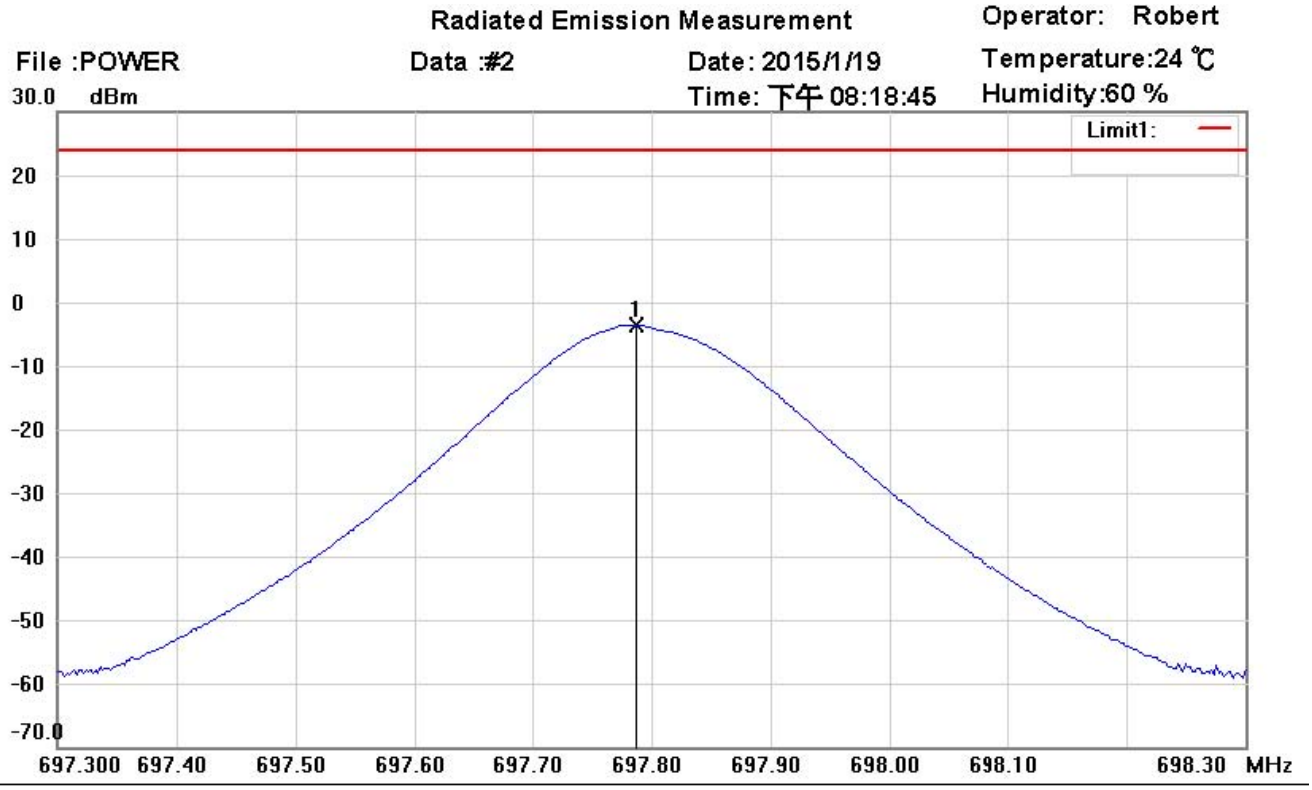


Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 697.8 MHZ
Note :

Polarization: *Horizontal*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	697.7870	-44.40	peak	30.55	-13.85	24.00	150	110	-37.85	

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8



Site : Chamber
Condition : FCC 74.861 power(470-608 and 614-806)
EUT : W6M21501-14749
M/N:
Test Mode : TX 697.8 MHZ
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	697.7870	-35.02	peak	31.34	-3.68	24.00	150	110	-27.68	

Test equipment used: ETSTW-RE 004, ETSTW-RE 122, ETSTW-RE 042, ETSTW-RE 043

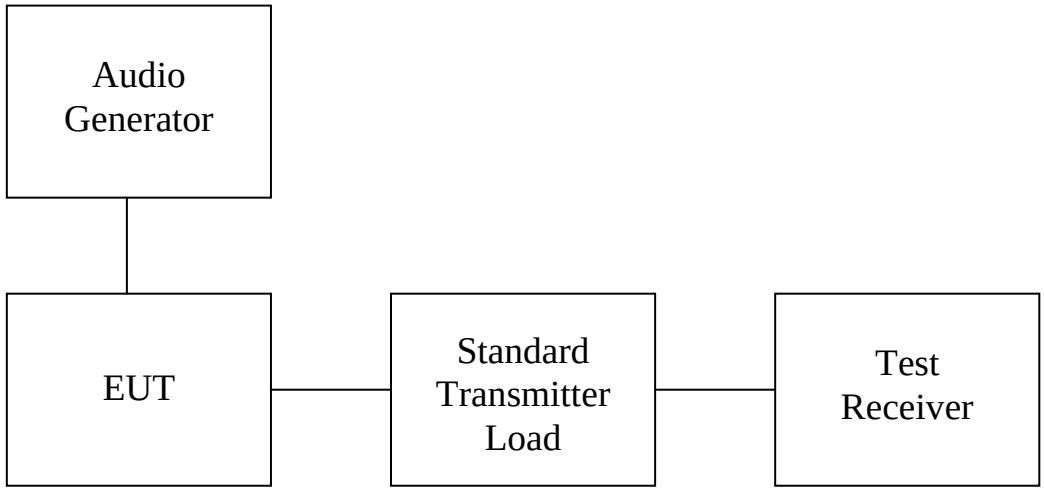
Limit According to FCC PART 74.861(e)(1) and IC RSS-210 section 6 Table 1:

The output power limit: 250 mW (24 dBm)

6 Modulation Deviation , FCC 2.1047 (b) ; 74.861(e)

6.1 Test procedure

Modulation limiting is the transmitter circuit's ability to limit the transmitter from producing deviations in excess of rated system deviation.
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.



6.2 Test results

Limits : ± 75 kHz

Test equipment used: ETSTW-RE 072, ETSTW-RE 055, ETSTW-RE 050

Explanation: Please see attached diagrams as appendix.

7 Audio frequency response , FCC 2.1047 (a)

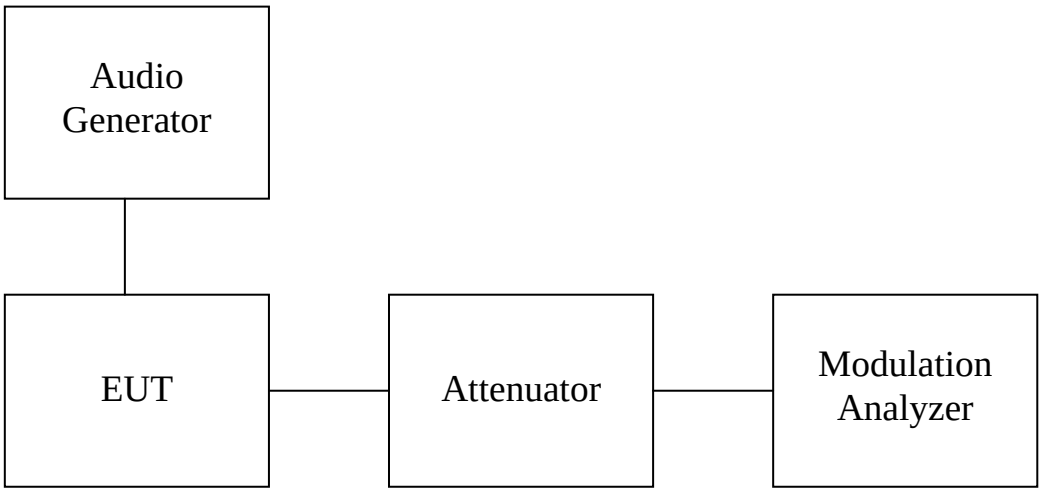
7.1 Test procedure

The audio frequency response is the degree of closeness to which the frequency deviation of the transmitter follows a prescribed characteristic.
The frequency response of the audio modulation part is measured over a frequency range of 100 Hz to 5000 Hz.

For 1000 Hz tone reference signal the audio generator level is adjusted to get 20% of the rated system deviation.

The deviations obtained over the frequency range from 100 Hz to 5000 Hz are recorded and compared with the reference deviation as follows :

$$\text{Audio Frequency Response} = 20 \log [\ DEV_{Freq} / \ DEV_{ref}\ ].$$



7.2 Test results

Explanation: Please see attached diagrams as appendix.

Test equipment used: ETSTW-RE 072

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

8 Occupied Bandwidth/Emission Mask, FCC 2.1049 (c) ; 74.861 (e)(5)

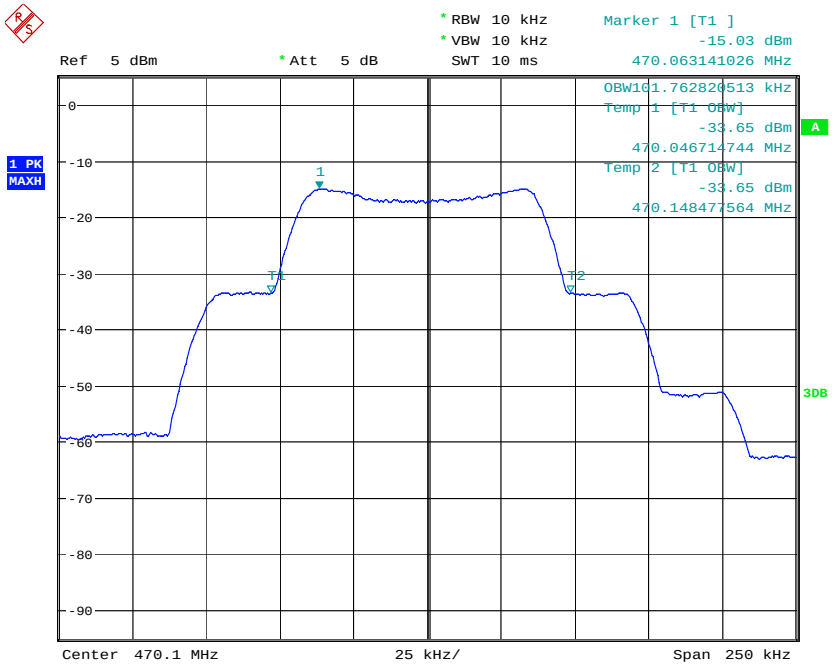
The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power.
Near the carrier an Emission Mask is defined by the standard.

8.1 Test procedure

The RF output of the transceiver was connected to the input of the spectrum analyzer through sufficient attenuation.
Occupied Bandwidth was measured with a occupied bandwidth function of the analyzer.
The near the carrier emissions are measured by normal power measurement function of the analyzer.

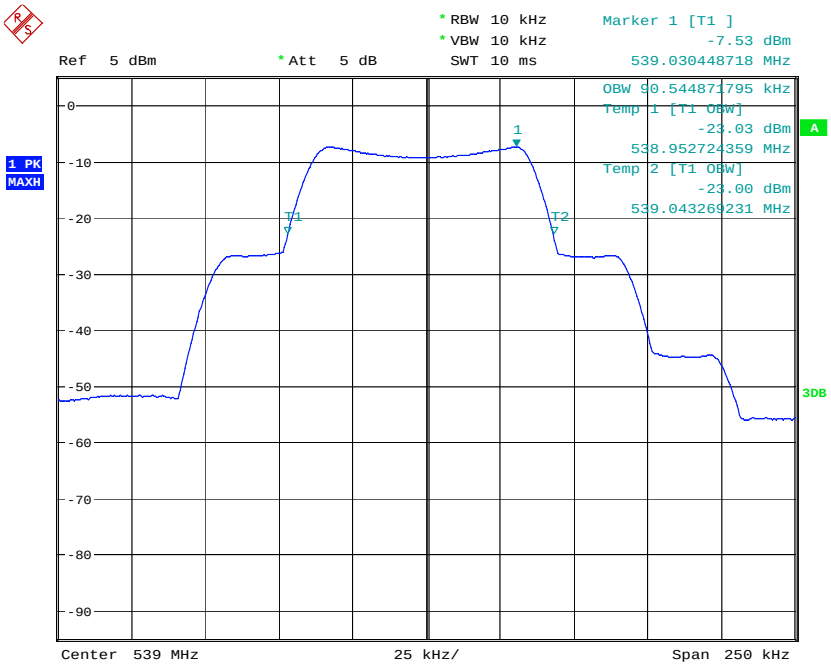
8.2 Test Results

Occupied Bandwidth
1kHz

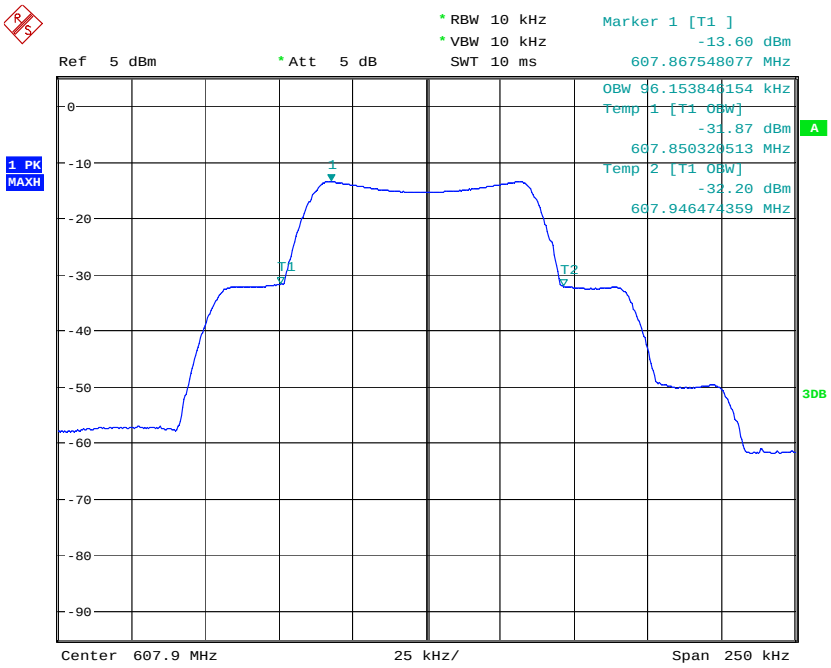


OCCUPIED BANDWIDTH 1KHZ
Date: 15.JAN.2015 11:46:54

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

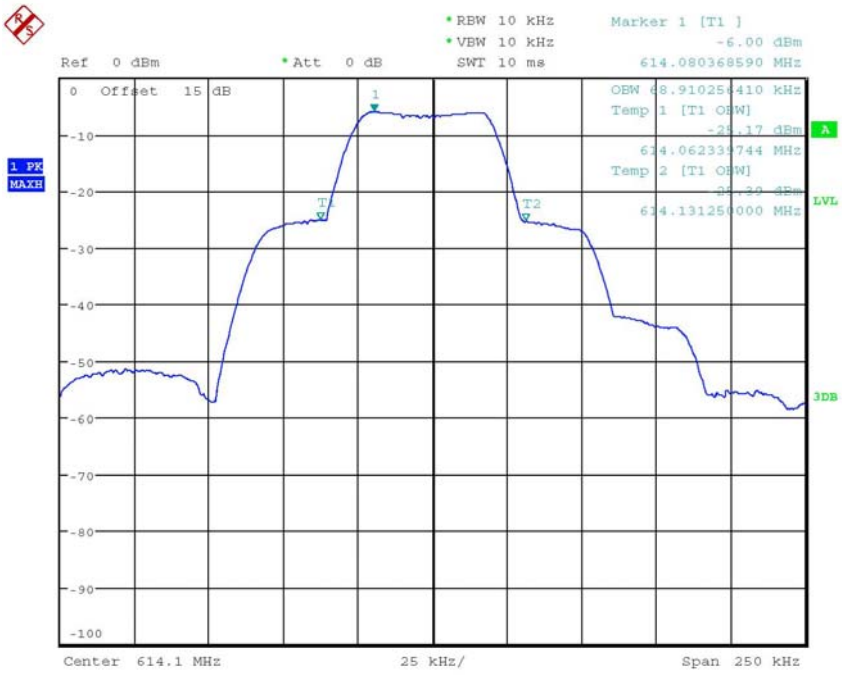


OCCUPIED BANDWIDTH 1KHZ
Date: 15.JAN.2015 11:54:33

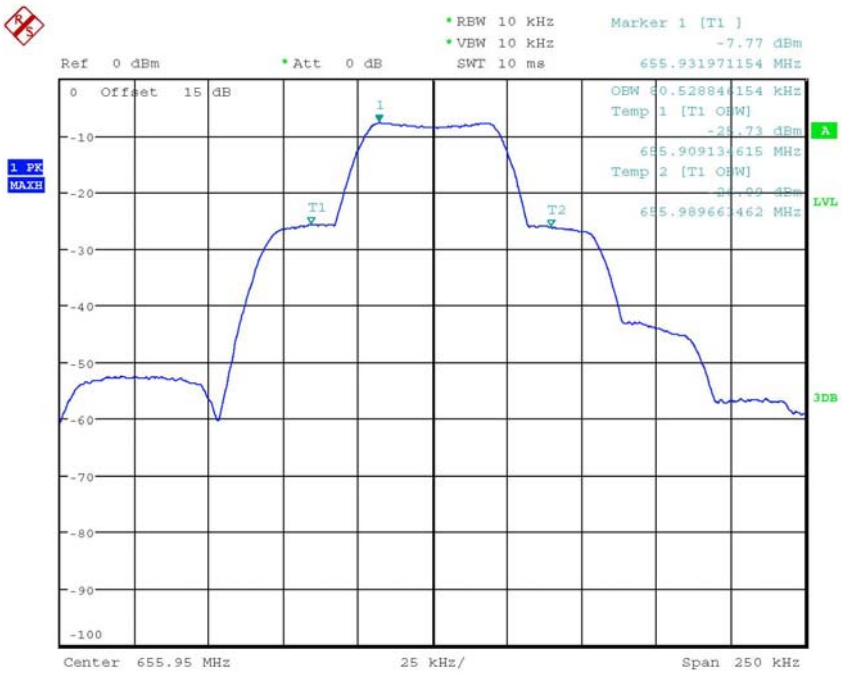


OCCUPIED BANDWIDTH 1KHZ
Date: 15.JAN.2015 12:03:04

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

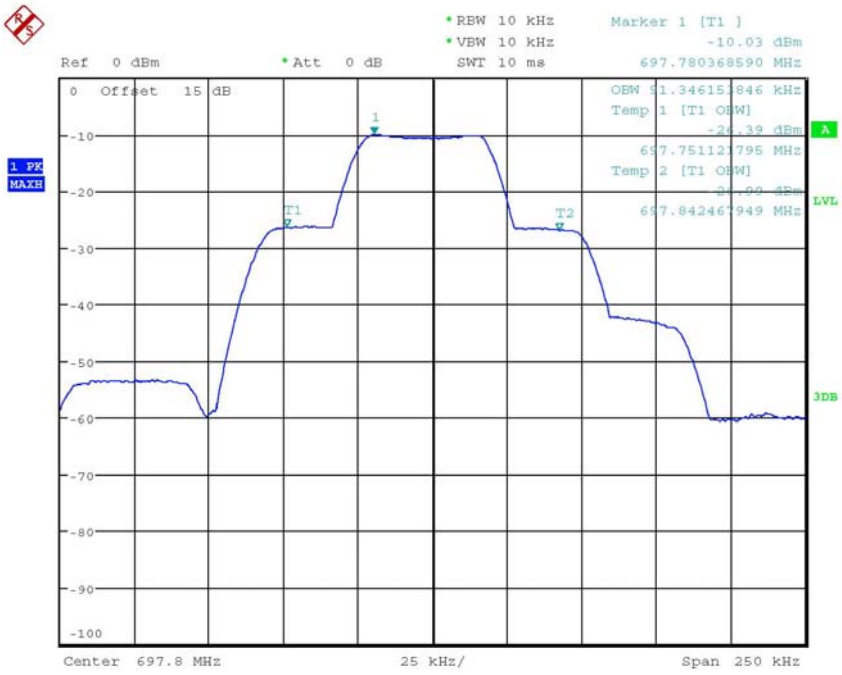


OCCUPIED BANDWIDTH 614.1MHz 1kHz
Date: 19.JAN.2015 10:28:52



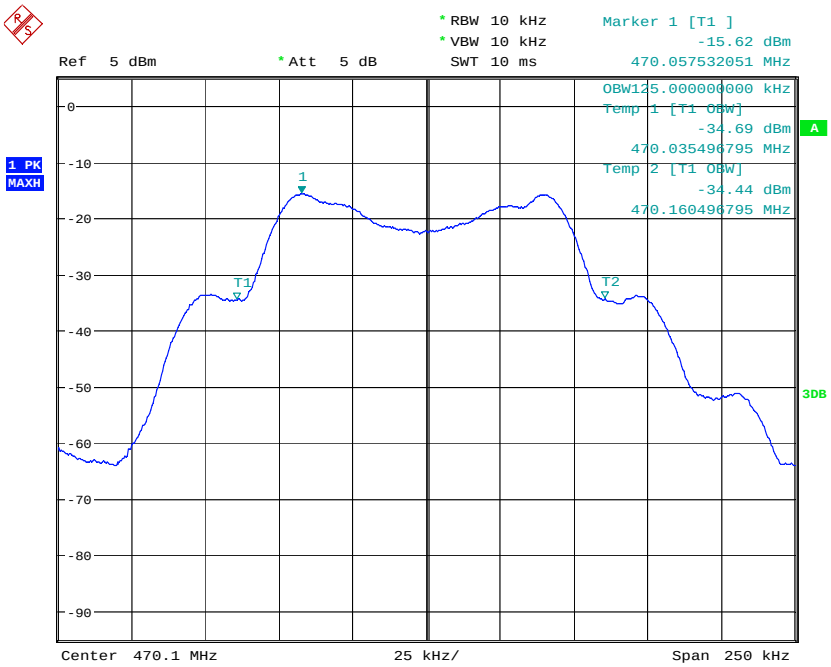
OCCUPIED BANDWIDTH 655.95MHz 1kHz
Date: 19.JAN.2015 10:26:27

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8



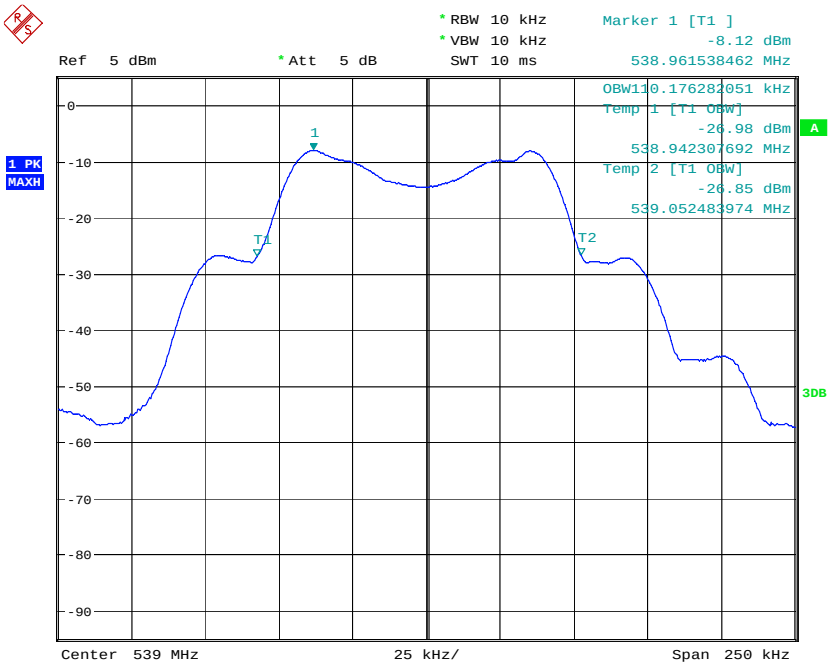
OCCUPIED BANDWIDTH 697.8MHz 1kHz
Date: 19.JAN.2015 10:31:23

2.5kHz

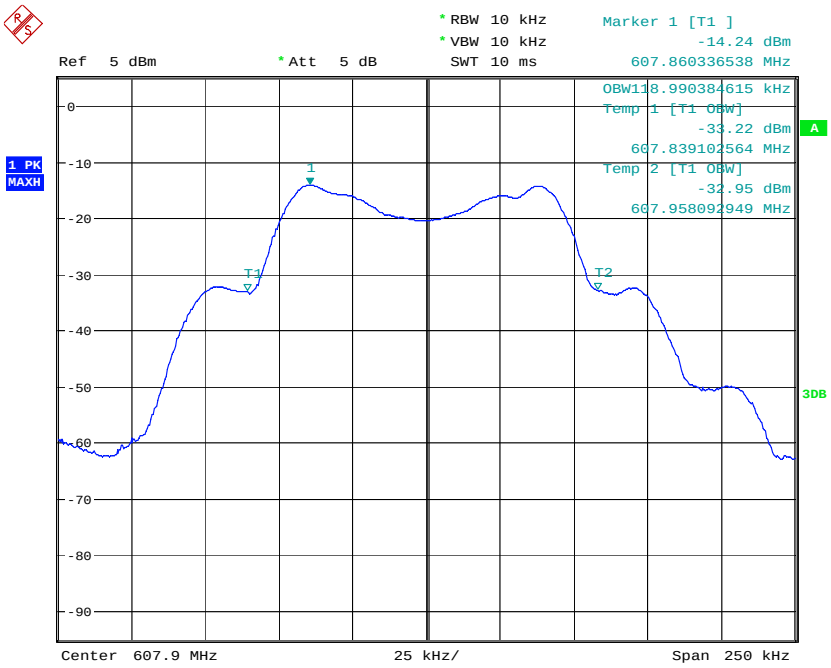


OCCUPIED BANDWIDTH 2.5KHZ
Date: 15.JAN.2015 11:48:42

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

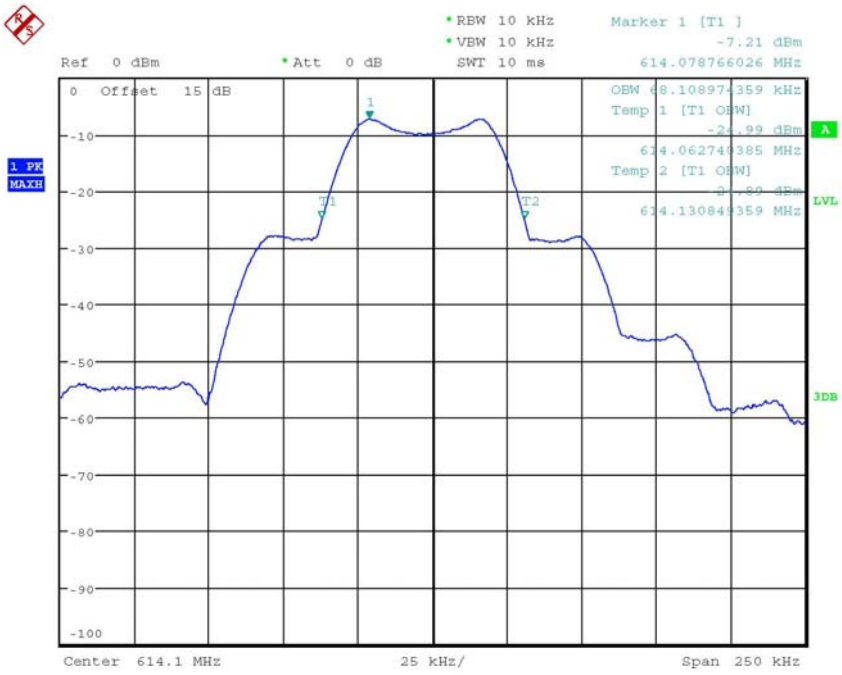


OCCUPIED BANDWIDTH 2.5KHZ
Date: 15.JAN.2015 11:55:06

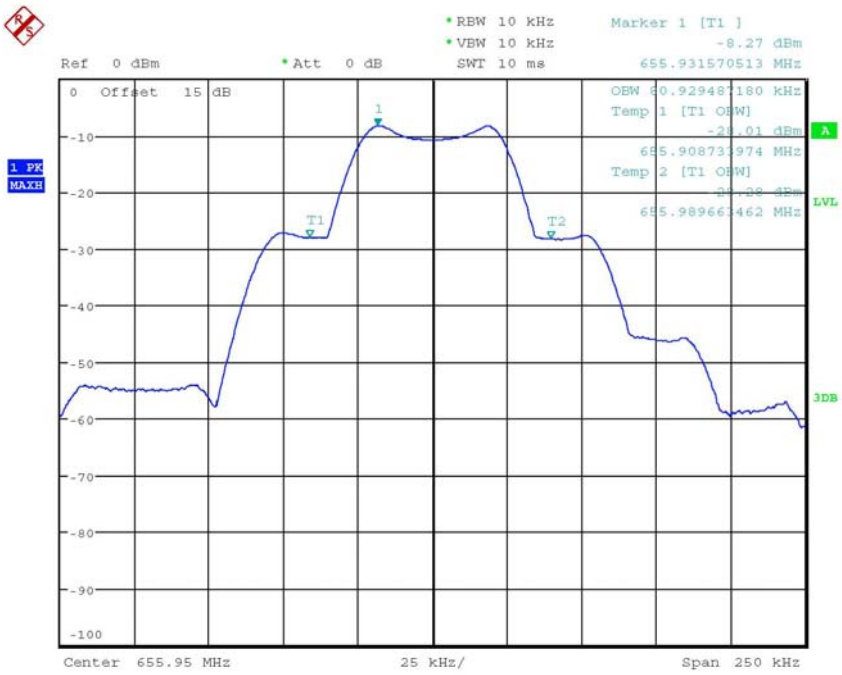


OCCUPIED BANDWIDTH 2.5KHZ
Date: 15.JAN.2015 12:03:35

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

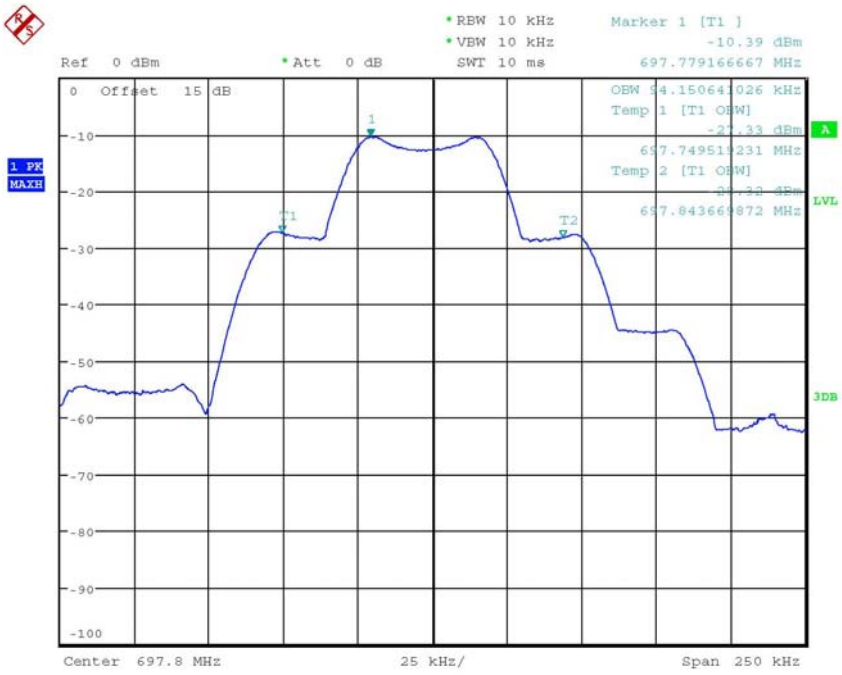


OCCUPIED BANDWIDTH 614.1MHz 2.5kHz
Date: 19.JAN.2015 10:29:09



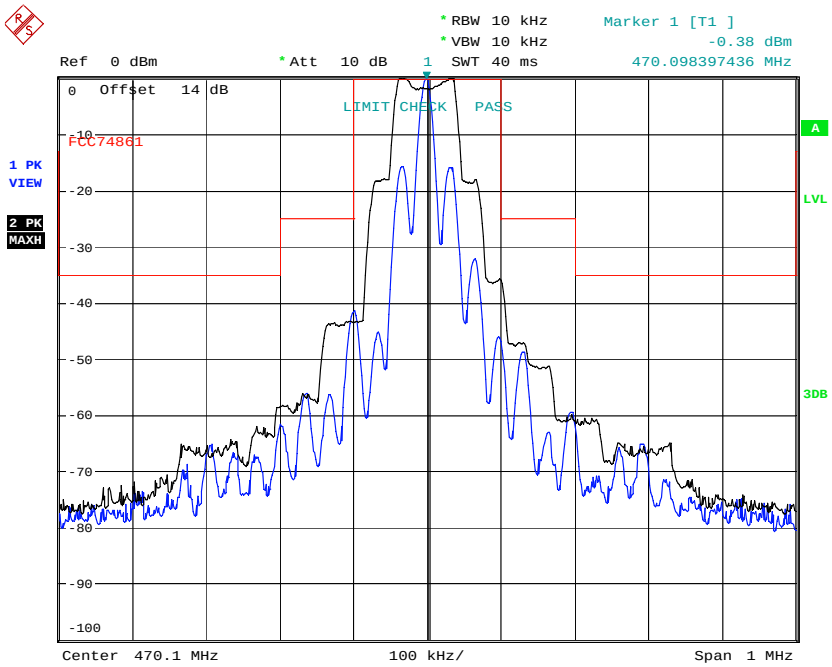
OCCUPIED BANDWIDTH 655.95MHz 2.5kHz
Date: 19.JAN.2015 10:26:44

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8



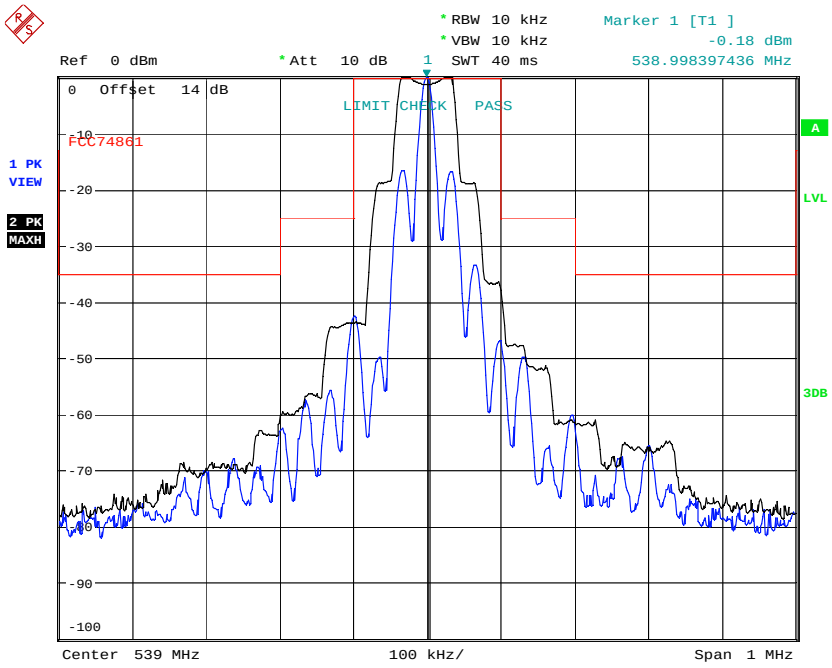
OCCUPIED BANDWIDTH 697.8MHz 2.5kHz
Date: 19.JAN.2015 10:31:43

Emission Mask



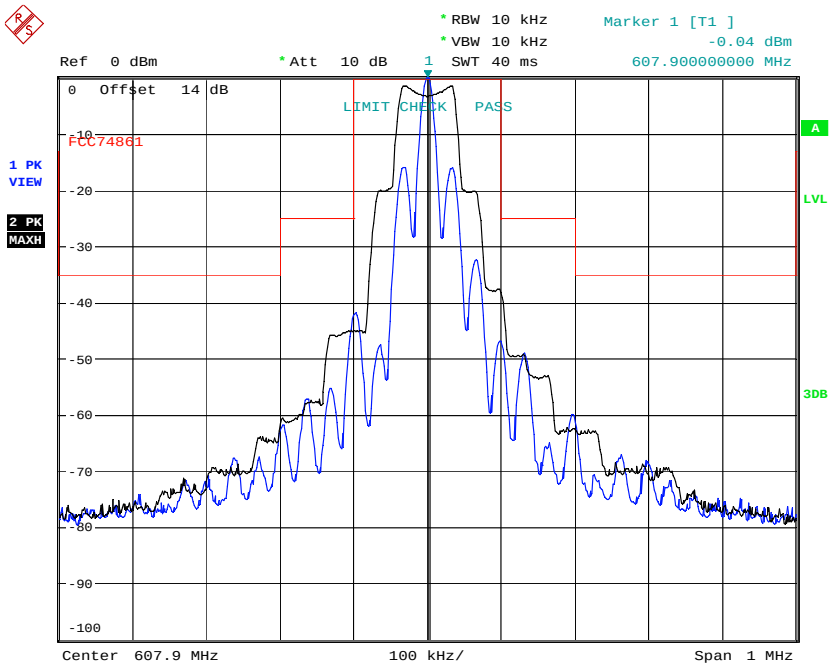
EMISSION MASK 470.1MHZ
Date: 15.JAN.2015 13:14:25

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8



EMISSION MASK 539MHZ

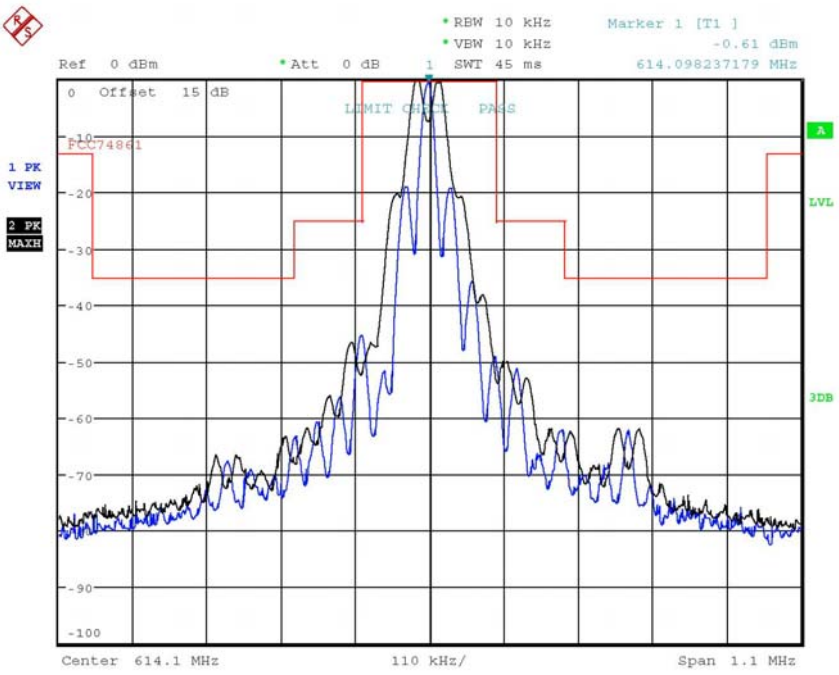
Date: 15.JAN.2015 13:12:45



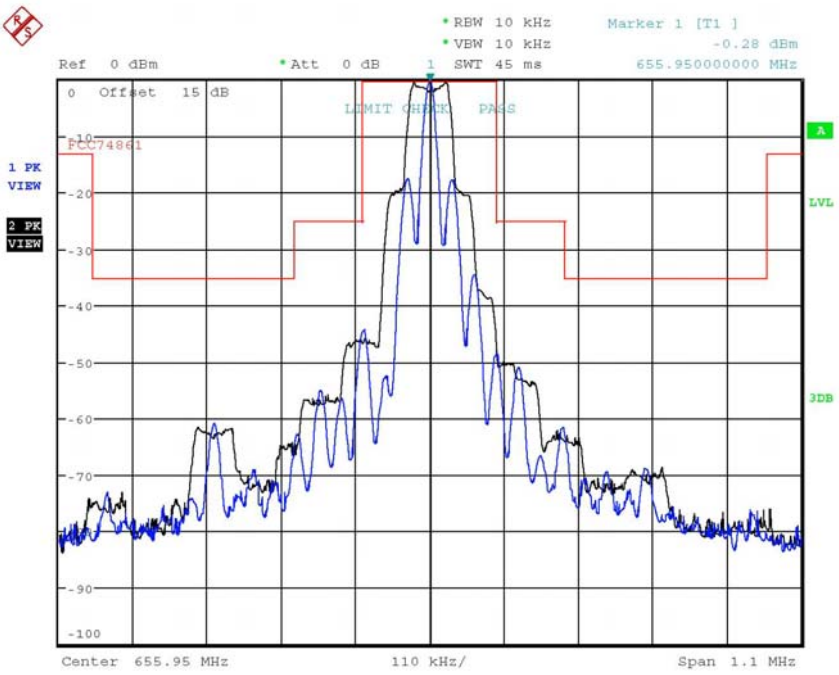
EMISSION MASK 607.9MHZ

Date: 15.JAN.2015 13:09:57

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

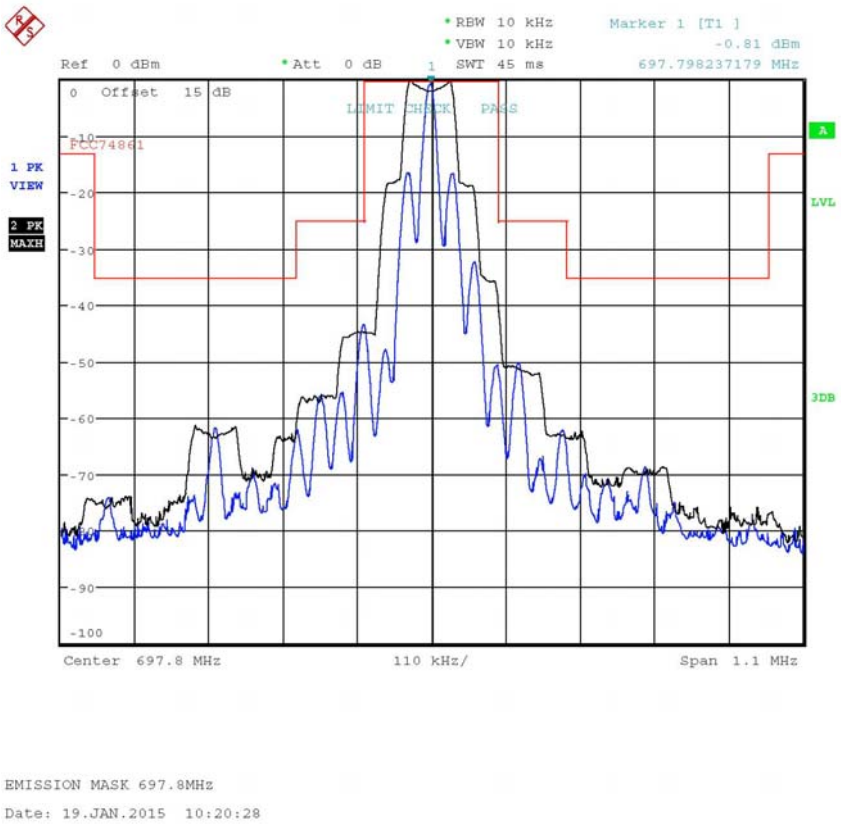


EMISSION MASK 614.1MHz
Date: 19.JAN.2015 10:17:51



EMISSION MASK 655.95MHz
Date: 19.JAN.2015 10:22:14

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8



Limit According to FCC PART 74.861(e)(5) and IC RSS-210 section 6: bandwidth shall not exceed 200 kHz.

8.3 Limit

The operating bandwidth shall not exceed 200 kHz.
Test equipment used: ETSTW-RE 055 , ETSTW-RE 072, ETSTW-RE 050

9 Spurious Emissions at Antenna Terminals FCC2.1051 ; 74.861 (e)

9.1 Test procedure

This transmitter output was connected to a calibrated coaxial attenuator, the other end of which was connected to a spectrum analyzer. 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 high-pass filter.

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

9.2 Test Results

Summary table with conducted data of the test plots for Carrier Test Frequency

Frequency Marker Indication [MHz]	Indication Power Level [dBm]	Compliance Limit [dBm	Margin
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--

9.3 Limit

Compliance with § 74.861 requires that any emission be attenuated below the transmitter power at least $43 + 10 \log_{10} P$ (P = transmitter power in Watts).

The compliance limit was calculated as an example per the following table :

Maximum transmitter output power	-2.64 dBm
Required attenuation	$43 + 10 \log_{10} 0.0005445W = 10.36$ dB
Maximum transmitter output power Required attenuation Compliance limit	-2.64 dBm 10.36 dB -13 dBm

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

According to RSS-210 and section 6.4.1, the mean power of emissions shall be attenuated below the mean output power of the transmitter in accordance with the following schedule:
The power of unwanted emissions (measured with a resolution bandwidth of 1% of the authorized bandwidth) shall be attenuated below the mean output power, PMEAN in dBW, of the transmitter as follows:
(i) at least 25 dB on any frequency removed from the operating frequency by more than 50% up to and including 100% of the authorized bandwidth; and
(ii) (ii) at least 35 dB on any frequency removed from the operating frequency by more than 100% up to and including 250% of the authorized bandwidth.
The power of unwanted emissions (measured with a resolution bandwidth of 30 kHz) shall be attenuated below the mean output power, PMEAN in dBW, of the transmitter as follows:
(i) at least 55 + 10log10 (PMEAN in watts) dB: on any frequency removed from the operating frequency by more than 250% of the authorized bandwidth. The compliance limit was calculated as an example per the following table :

Maximum transmitter output power	-2.64 dBm
Required attenuation	$55 + 10 \log_{10} 0.00054W = 22.36$ dB
Maximum transmitter output power Required attenuation Compliance limit	-2.64 dBm 22.36 dB -25 dBm

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

Explanation : This test is not applicable.

10 Radiated Spurious Emission , FCC 2.1053 ; 74.861 (e)

10.1 Test procedure

The EUT was positioned on a non-conductive turntable , 0.8m above the ground plane.
The radiated emission at the fundamental frequency was measured at 3 m distance with a test antenna and spectrum analyzer.
Worst case emission was recorded with the rotation of the turntable and the raising and lowering of the test antenna.
ERP was measured using a substitution method. The EUT was replaced by reference antenna connected to a signal generator.
The test of spurious radiated emission have been carried out with the ESK-Software from Rode & Schwarz. The measurements below 1GHz were performed with a measurement bandwidth of 100kHz, above 1GHz with a bandwidth of 1 MHz.
Spurious emission limits near the carrier are defined by a emission mask. This measurements are done in conducted mode.

10.2 Test Results

The measurements of the spurious emission at the upper , center and lower channel.
The measurement diagrams show that all significant spurs are well below the limit line.

Summary table with radiated data of the test plots for Carrier Test Frequency

Model: -- Date: --
Mode: -- Temperature: -- °C Engineer: --
Polarization: Horizontal Humidity: -- %

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

Polarization: Vertical

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

Note:

1. **Correction Factor = Antenna Gain + Cable Loss + Amplifier Gain**
2. **The formula of measured value as: Test Result = Reading + Correction Factor**
3. **All not in the table noted test results are more than 20 dB below the relevant limits.**
4. **Measurement uncertainty: 30-200MHz：±2.11 dB, 200-1000MHz：±2.09 dB, 1-18GHz：±2.71 dB Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.**
5. **See the attached diagram as appendix.**

10.3 Explanation of test result

The measurements of the spurious emissions at the equipment output terminals were performed pursuant to the test procedure above in order to verify that any emissions are below the limits given by § 74.861 (6).

Calculation of test results :

Such factors like antenna correction , cable loss , external attenuation etc. are already included in the provided measurement results. This is done by using validated test software and calibrated test system according the accreditation requirements.

In the Table being listed the critical peak and average value an exhibit the compliance with the above calculated Limits.

10.4 Limits

Compliance with § 74.861 requires that any emission be attenuated below the transmitter power at least $43 + 10 \log_{10} P$ (P = transmitter power in Watts).

The compliance limit was calculated as an example per the following table :

Maximum transmitter output power	-2.64 dBm
Required attenuation	$43 + 10 \log_{10} 0.0005445W = 10.36dB$
Maximum transmitter output power Required attenuation Compliance limit	-2.64 dBm 10.36 dB -13 dBm

Test equipment used: ETSTW-RE 004, ETSTW-RE 122, ETSTW-RE 030,
ETSTW-RE 042, ETSTW-RE 043, ETSTW-RE 044

Explanation : see attached diagrams in appendix.

11 Line Conducted Emission , FCC 15.207

11.1 Test procedure

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

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

11.2 Test Results

Model: -- Date: --
Mode: -- Temperature: -- °C Engineer: --
Polarization: -- Humidity: -- %

Frequency (MHz)	Reading (dBuV) QP	Reading (dBuV) Ave.	Factor (dB) Corr.	Result (dBuV) QP	Result (dBuV) Ave.	Limit (dBuV) QP	Limit (dBuV) Ave.	Margin (dB)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Polarization: L1

Frequency (MHz)	Reading (dBuV) QP	Reading (dBuV) Ave.	Factor (dB) Corr.	Result (dBuV) QP	Result (dBuV) Ave.	Limit (dBuV) QP	Limit (dBuV) Ave.	Margin (dB)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Note: 1. The formula of measured value as: Test Result = Reading + Correction Factor
2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss
3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
4. All not in the table noted test results are more than 20 dB below the relevant limits.
5. Measurement uncertainty = ±1.41 dB; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.
6. Up Line: QP Limit Line, Down Line: Ave Limit Line.
7. This test is not required because the EUT uses battery.

Test equipment used: ETSTW-CE 001, ETSTW-CE 016, ETSTW-RE 045

12 Frequency Stability vs. Temperature , FCC 2.1055 , 74.861 (e)

12.1 Test procedure

The equipment under test was connected to an external DC 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.

12.2 Test Results

407.1 MHz

℃	Freq	Error(kHz)	Error(ppm)
-30	470.105600	5.600	11.912
-20	470.105100	5.100	10.849
-10	470.097900	-2.100	-4.467
0	470.098000	-2.000	-4.254
+10	470.098100	-1.900	-4.042
+20	470.098500	-1.500	-3.191
+30	470.098300	-1.700	-3.616
+40	470.098300	-1.700	-3.616
+50	470.099200	-0.800	-1.702
Limit		23.505	50

539 MHz

℃	Freq	Error(kHz)	Error(ppm)
-30	539.004200	4.200	7.792
-20	539.004500	4.500	8.349
-10	539.002800	2.800	5.195
0	539.002000	2.000	3.711
+10	538.999900	-0.100	-0.186
+20	538.998300	-1.700	-3.154
+30	539.000200	0.200	0.371
+40	538.998300	-1.700	-3.154
+50	538.994000	-6.000	-11.132
Limit		26.950	50

607.9 MHz

℃	Freq	Error(kHz)	Error(ppm)
-30	607.903800	3.800	6.251
-20	607.903500	3.500	5.758
-10	607.902500	2.500	4.113
0	607.900600	0.600	0.987
+10	607.899200	-0.800	-1.316
+20	607.898700	-1.300	-2.139
+30	607.900800	0.800	1.316
+40	607.899000	-1.000	-1.645
+50	607.895400	-4.600	-7.567
Limit		30.395	50

614.1 MHz

℃	Freq	Error(kHz)	Error(ppm)
-30	614.101151	2.205	3.591
-20	614.101082	2.136	3.478
-10	614.101595	2.649	4.314
0	614.101154	2.208	3.596
+10	614.101081	2.136	3.478
+20	614.097436	-1.510	-2.458
+30	614.096859	-2.087	-3.398
+40	614.096138	-2.808	-4.572
+50	614.095561	-3.385	-5.512
Limit		30.705	50

655.95 MHz

℃	Freq	Error(kHz)	Error(ppm)
-30	655.948566	-1.580	-2.409
-20	655.948622	-1.524	-2.323
-10	655.948818	-1.328	-2.025
0	655.950016	-0.130	-0.198
+10	655.948818	-1.328	-2.025
+20	655.950192	0.046	0.071
+30	655.950609	0.463	0.706
+40	655.950923	0.777	1.185
+50	655.950240	0.094	0.144
Limit		32.798	50

697.8 MHz

℃	Freq	Error(kHz)	Error(ppm)
-30	697.796066	-1.396	-2.001
-20	697.796058	-1.404	-2.012
-10	697.795280	-2.181	-3.126
0	697.796201	-1.261	-1.807
+10	697.796200	-1.261	-1.808
+20	697.797885	0.423	0.606
+30	697.797340	-0.122	-0.175
+40	697.797147	-0.314	-0.450
+50	697.797228	-0.234	-0.336
Limit		34.890	50

Limit According to FCC PART 74.861(e)(4) and IC RSS-210 section 6 Table 1:
The frequency tolerance of the transmitter shall be 0.005 percent.

Test equipment used: ETSTW-RE 055, ETSTW-CE 009

13 Frequency Stability vs. Voltage , FCC 2.1055 (d) ; 74.861 (e)

13.1 Test procedure

An external variable DC power supply was connected to the battery terminals of the equipment under test.
For hand carried , battery powered equipment primary supply voltage was reduced to the battery operating end point as specified by the manufacturer. The output frequency was recorded for each battery voltage.

13.2 Test Results

Test voltage: 1.275 Vd.c.

Frequency in MHz	Frequency Error (kHz)	Frequency Error (ppm)
470.092800	-7.200	-15.316
538.999300	-0.700	-1.299
607.900100	0.100	0.165
614.101045	2.100	3.419
655.949535	-0.611	-0.931
697.796210	-1.252	-1.794

Limit : ±0.005%

Limit According to FCC PART 74.861(e)(4) and IC RSS-210 section 6 Table 1:
The frequency tolerance of the transmitter shall be 0.005 percent.

Test equipment used: ETSTW-RE 055

Appendix

A Photos

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

B Measurement diagrams

1. Modulation Deviation and Audio frequency response
2. Radiation Spurious Emission

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

External Photos

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

Registration number: W6M21501-14749-C-1
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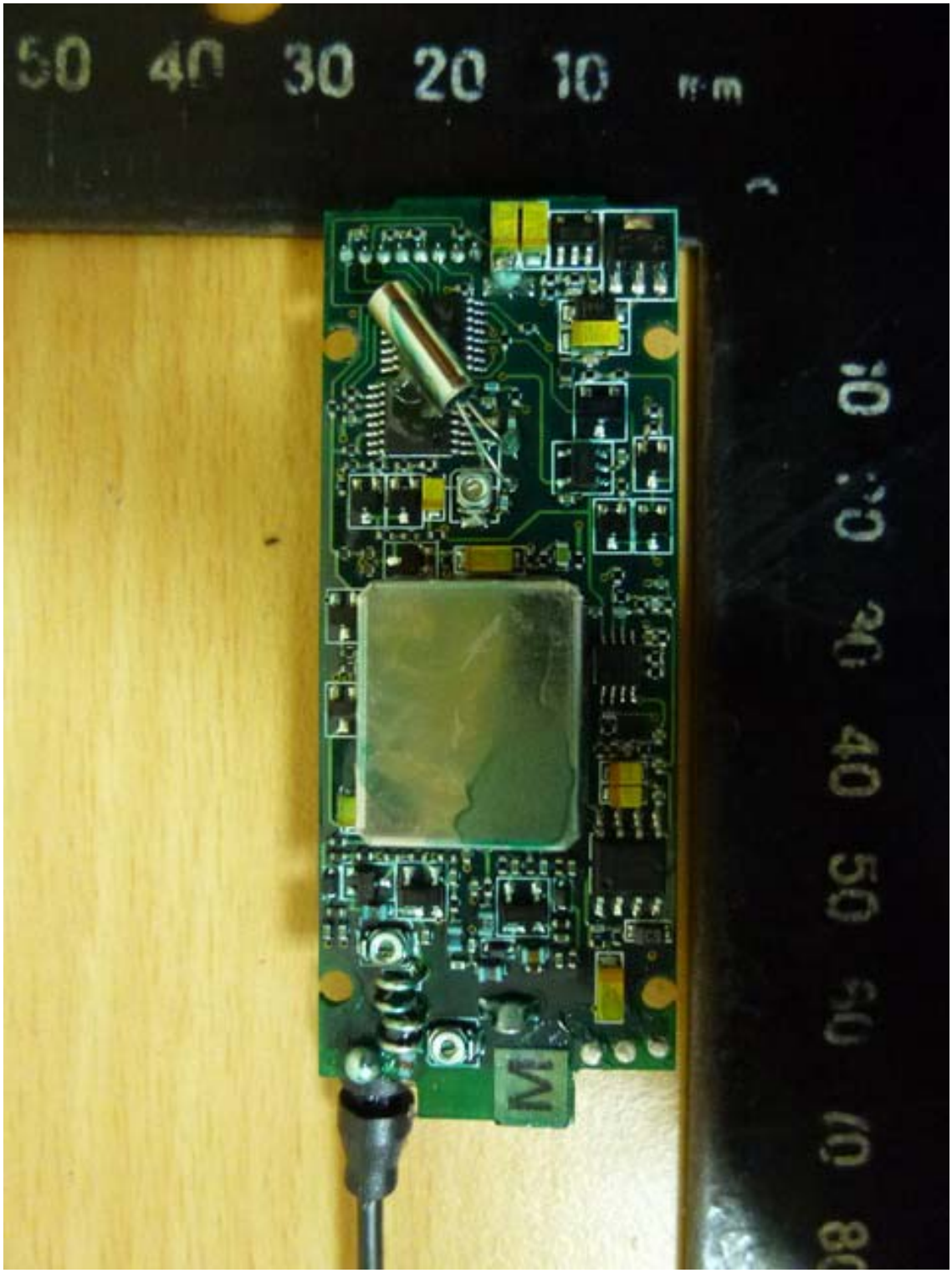
IC:3563A-MTU8

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

Internal Photos

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8



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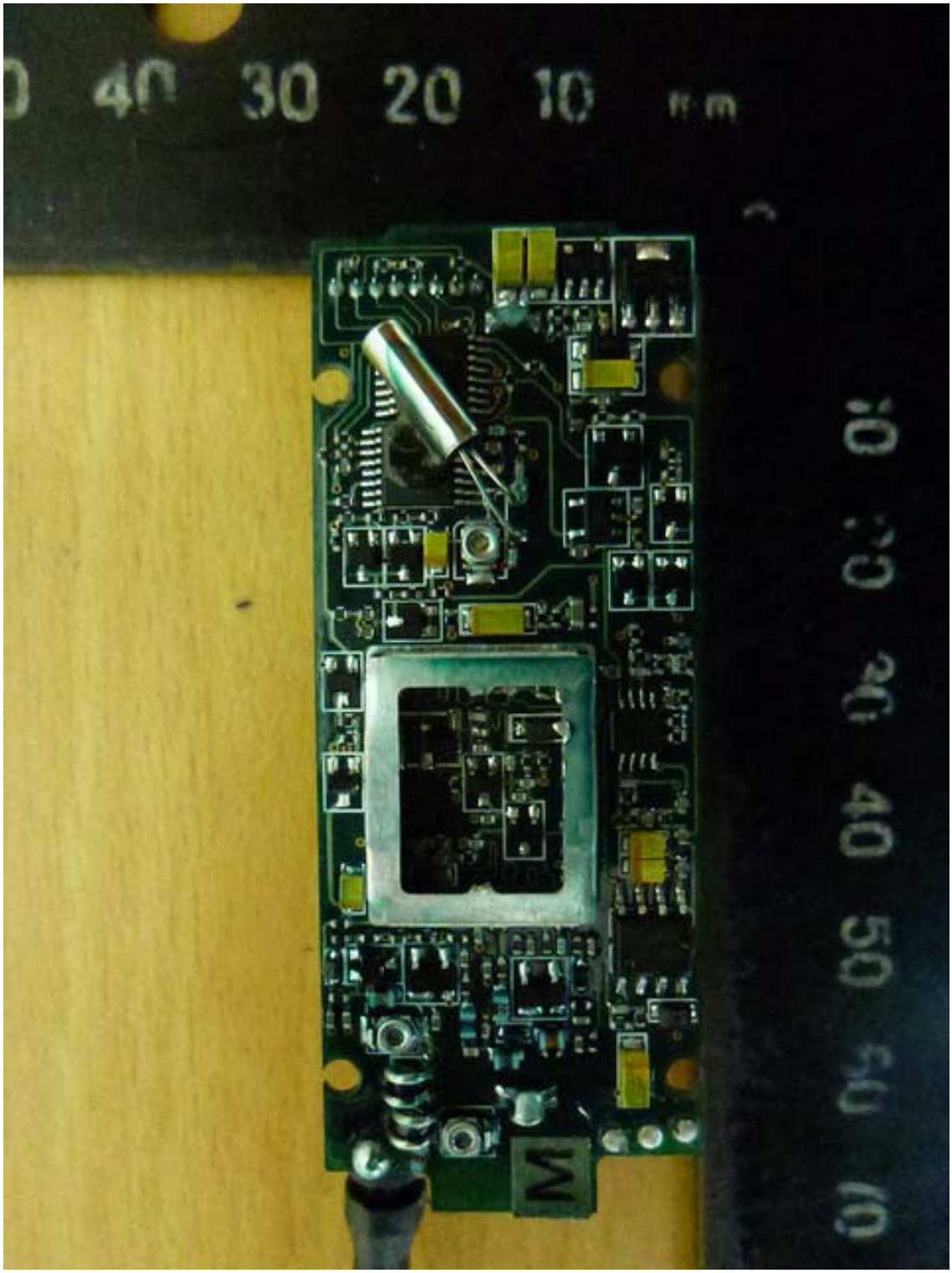
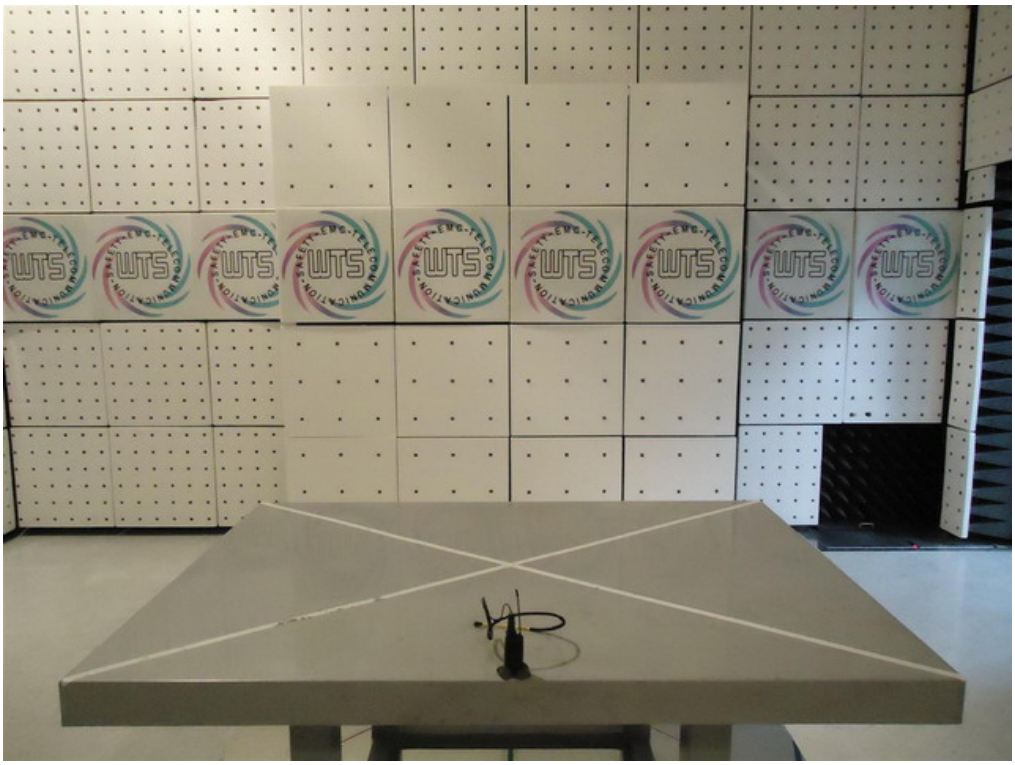
FCC ID: CINMT-U8-470
IC:3563A-MTU8



Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

Set Up Photo of Radiated Emission

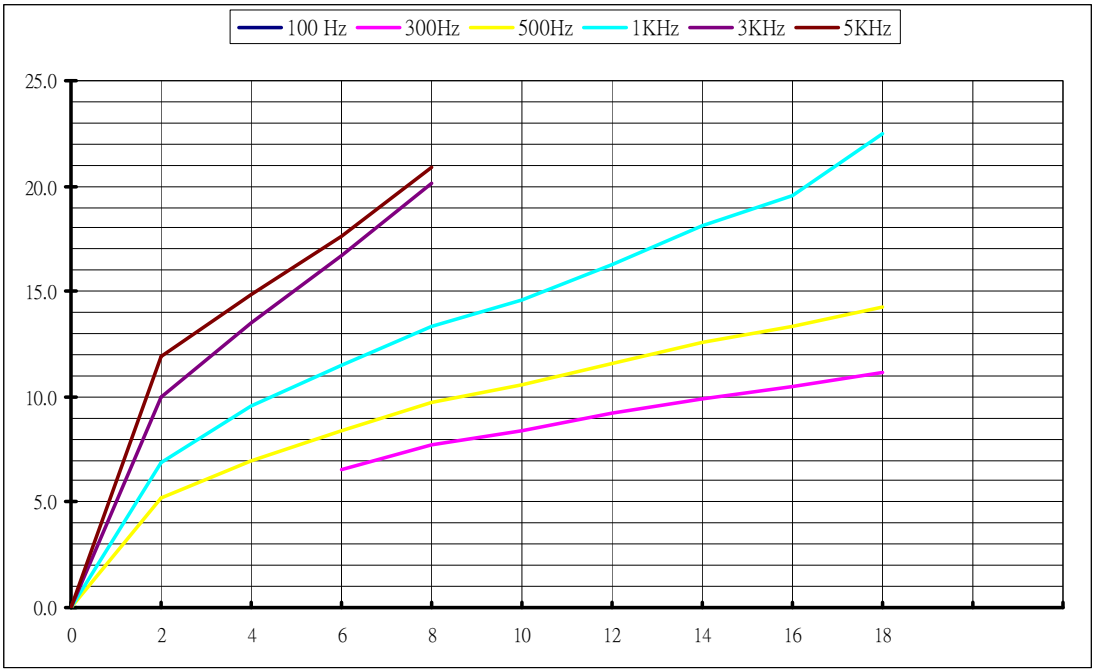


Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

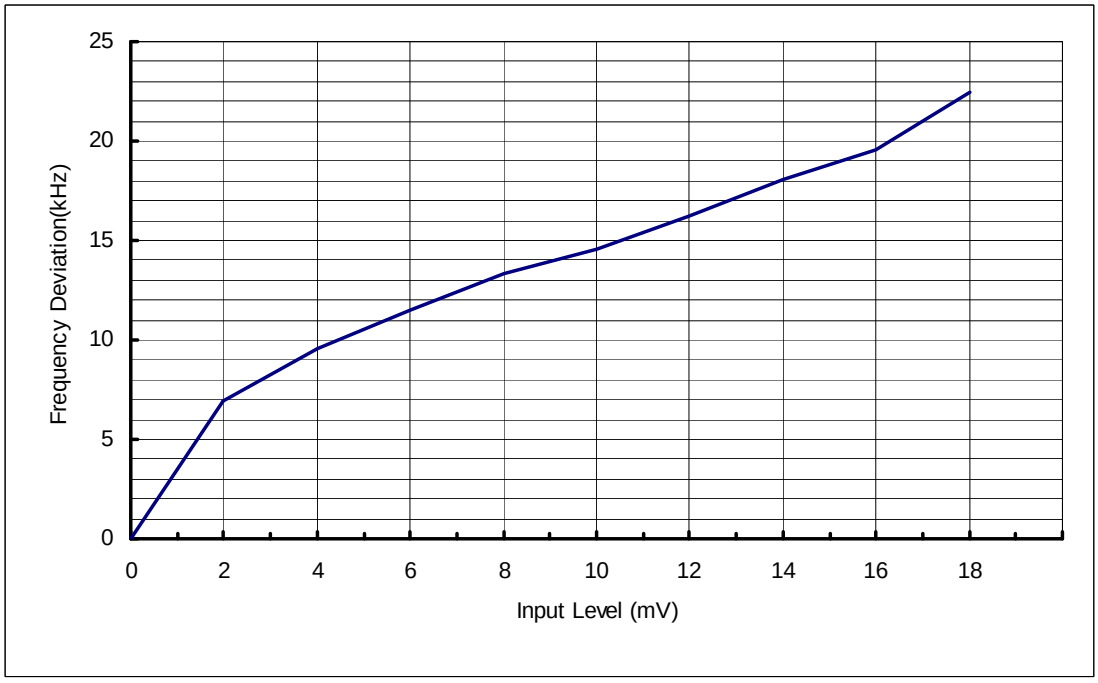
Modulation Deviation and Audio Frequency Response

470.1 MHz

Modulation Characteristics

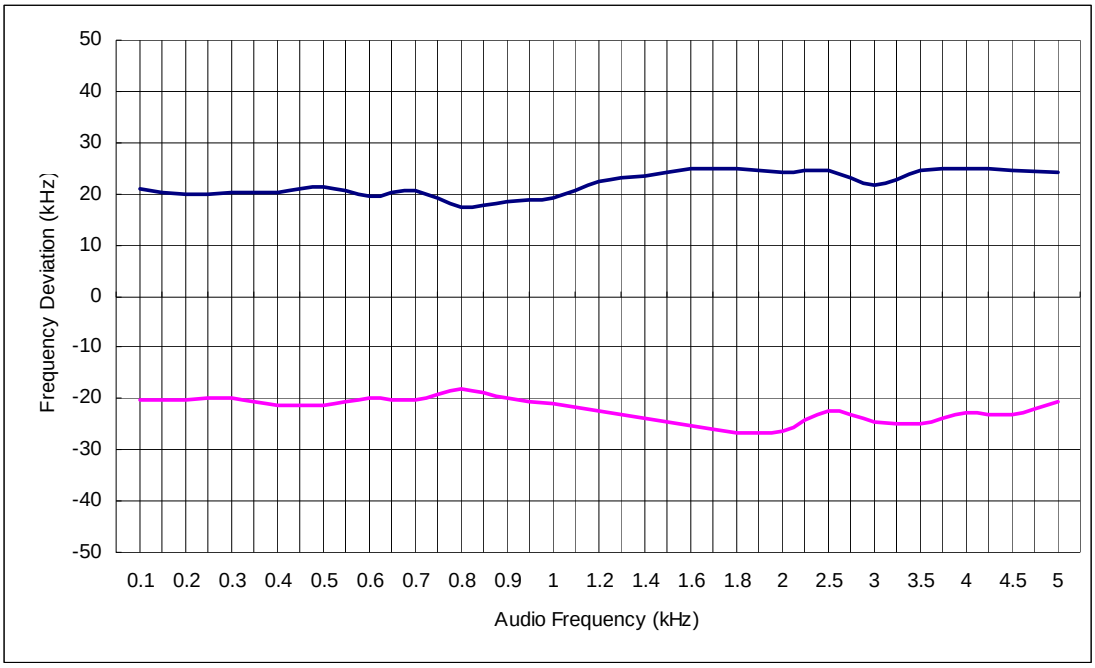


Frequency Deviation at 1kHz

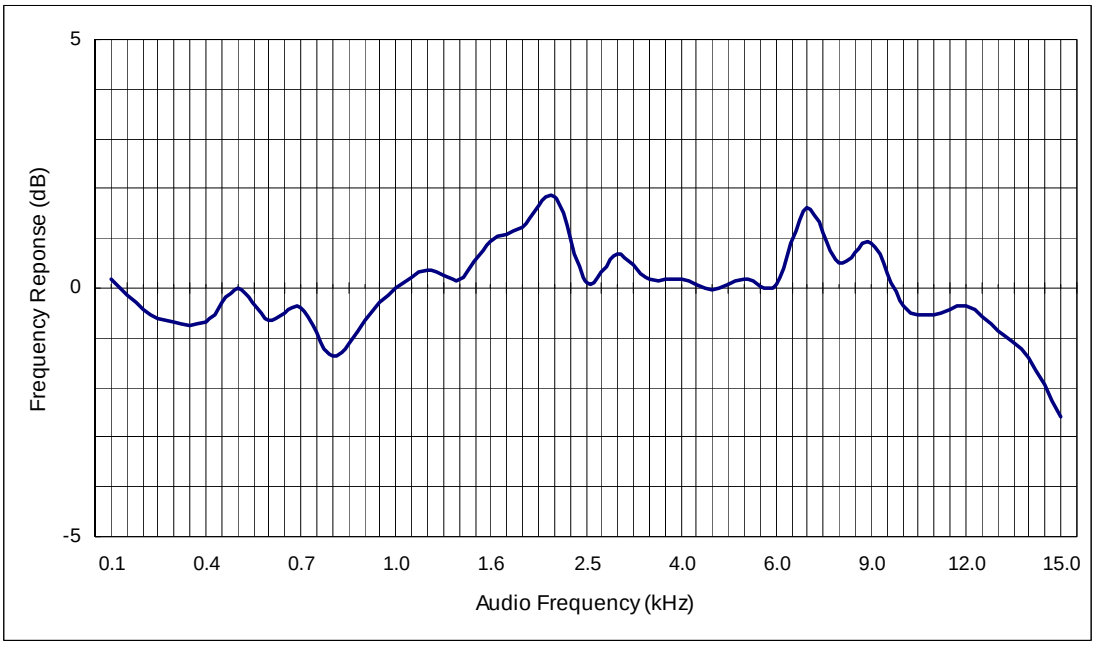


Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

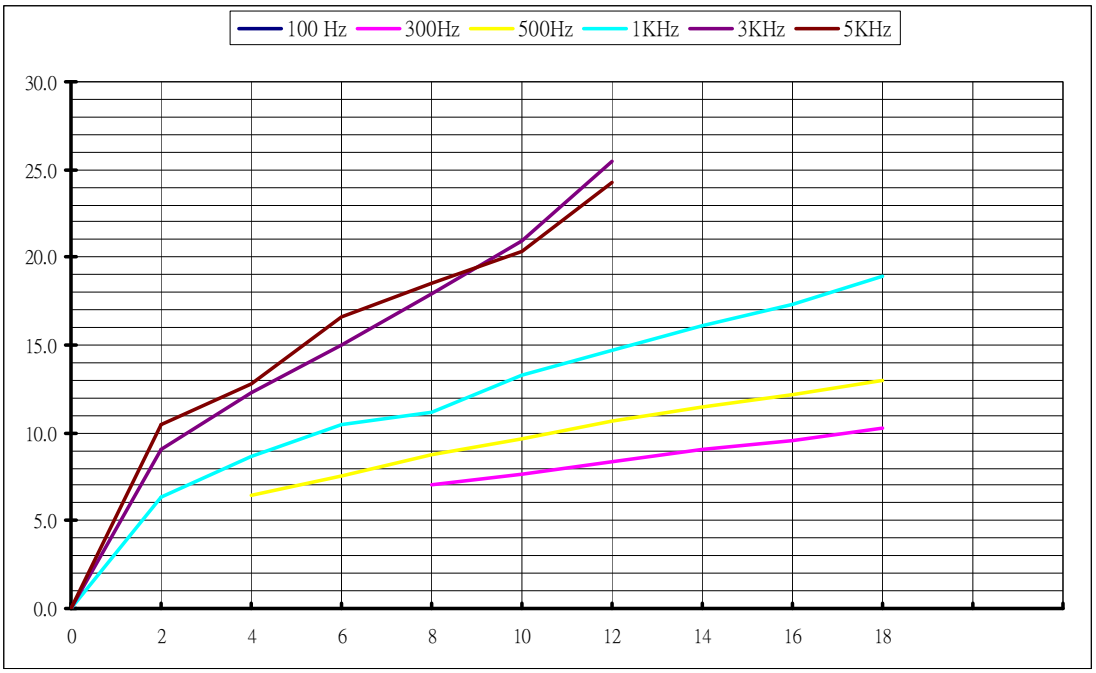
Frequency Deviation



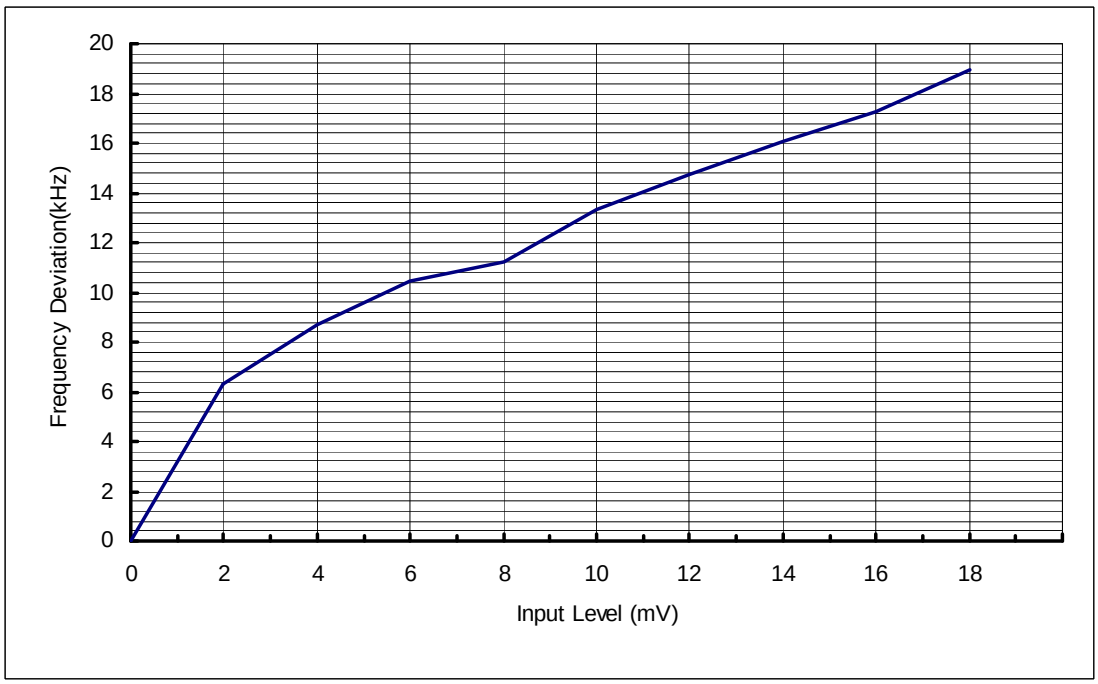
Audio Response



Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8
539MHz
Modulation Characteristics

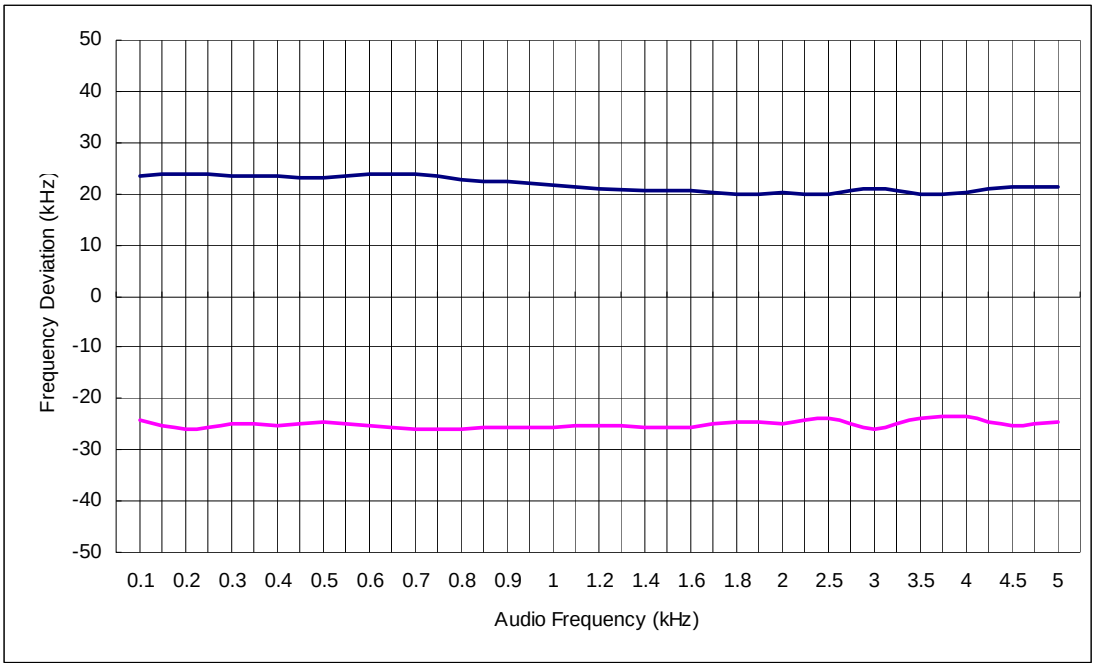


Frequency Deviation at 1kHz

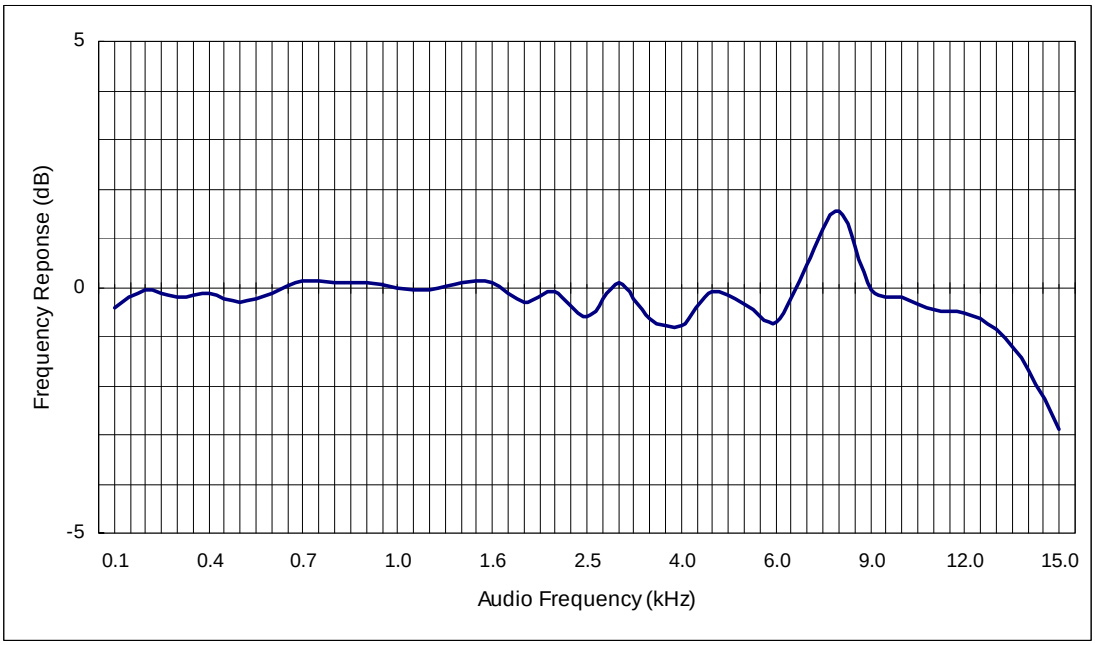


Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

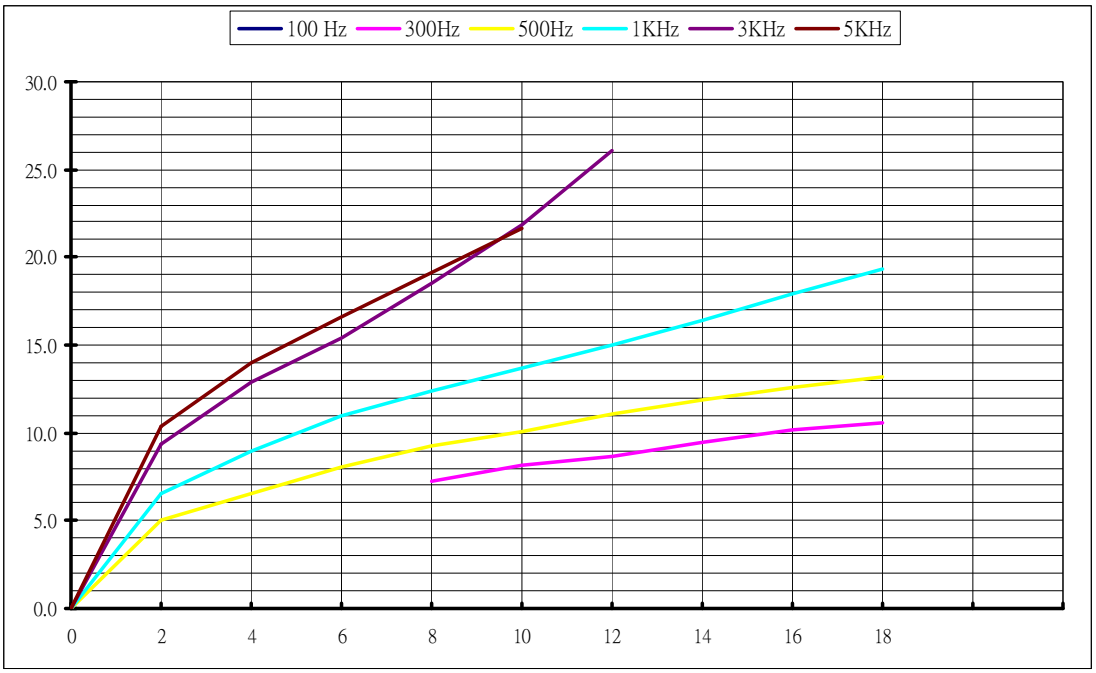
Frequency Deviation



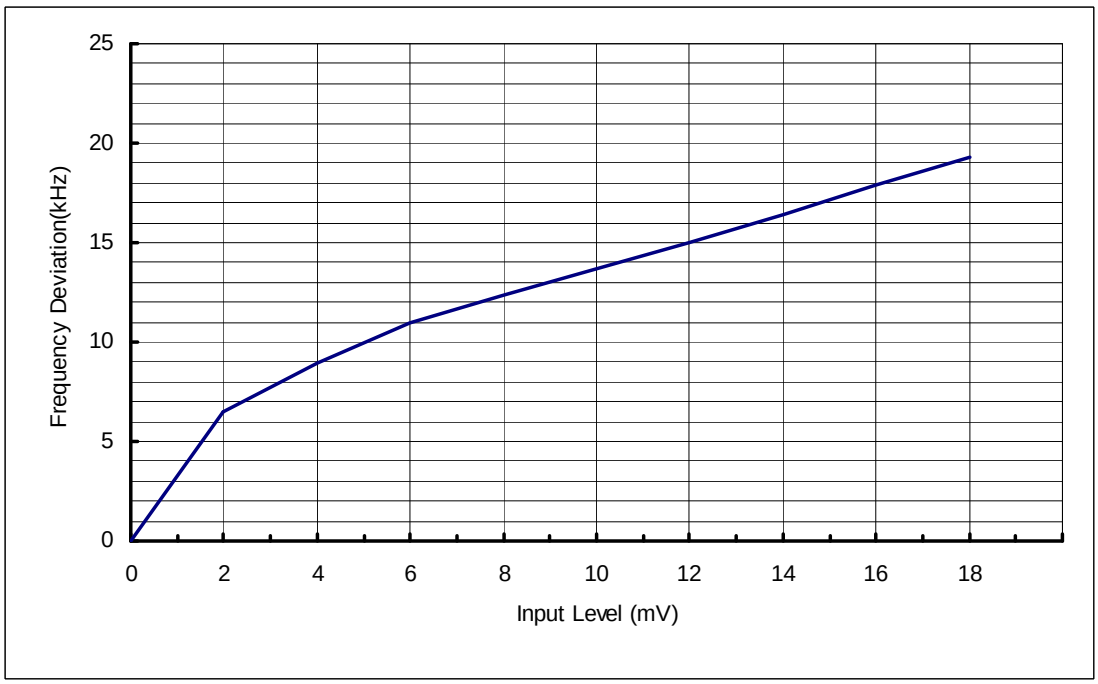
Audio Response



Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8
607.9 MHz
Modulation Characteristics

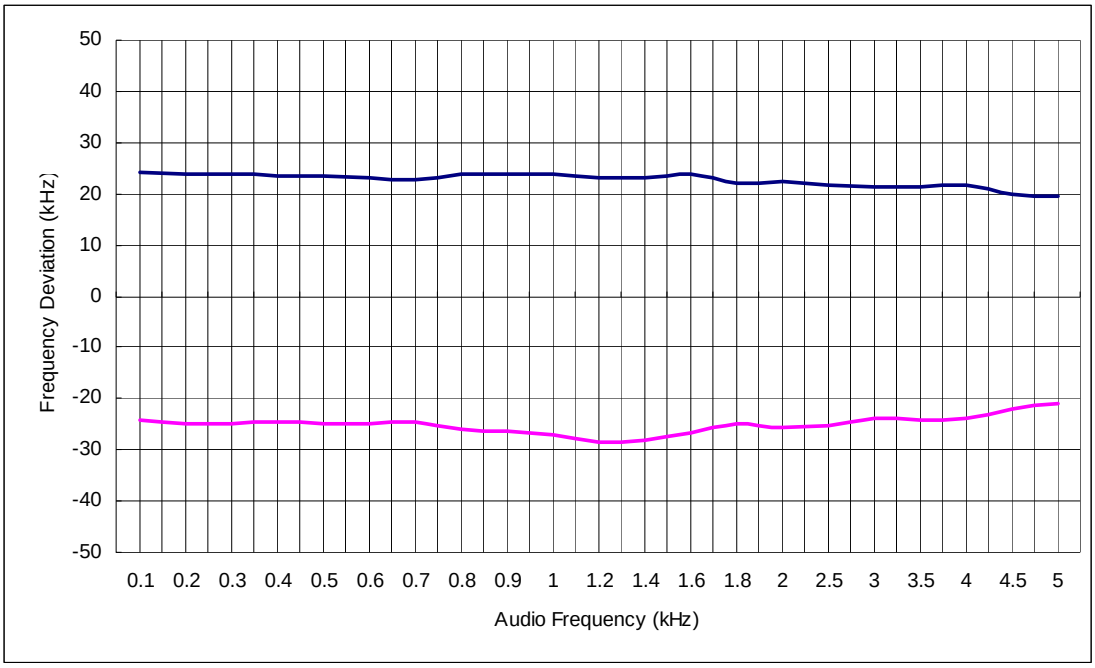


Frequency Deviation at 1kHz

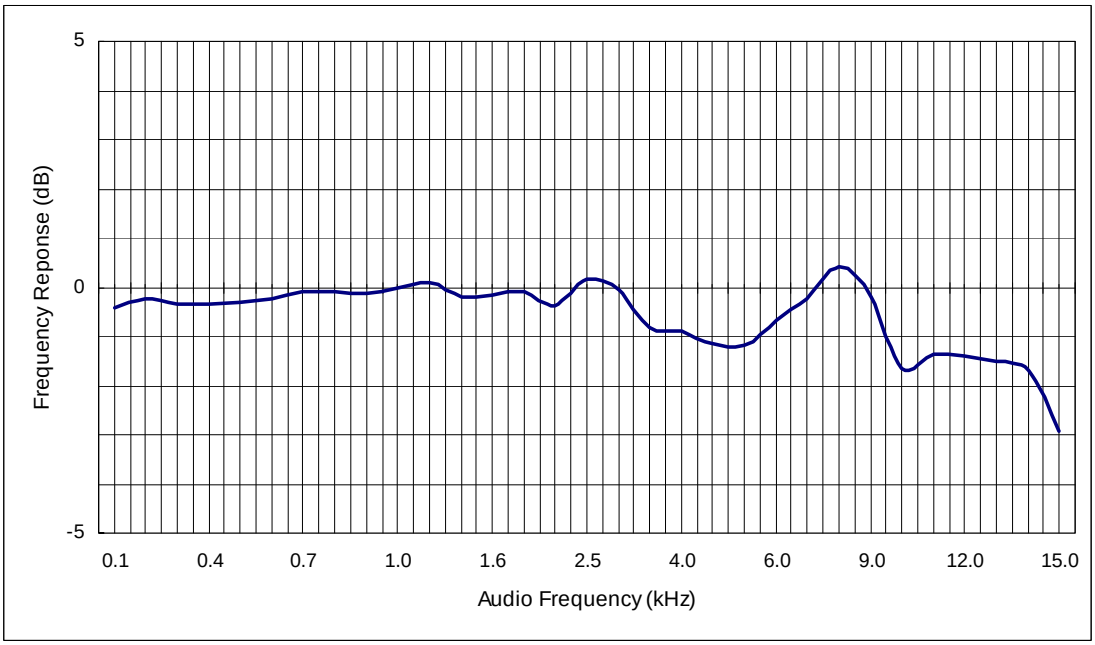


Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

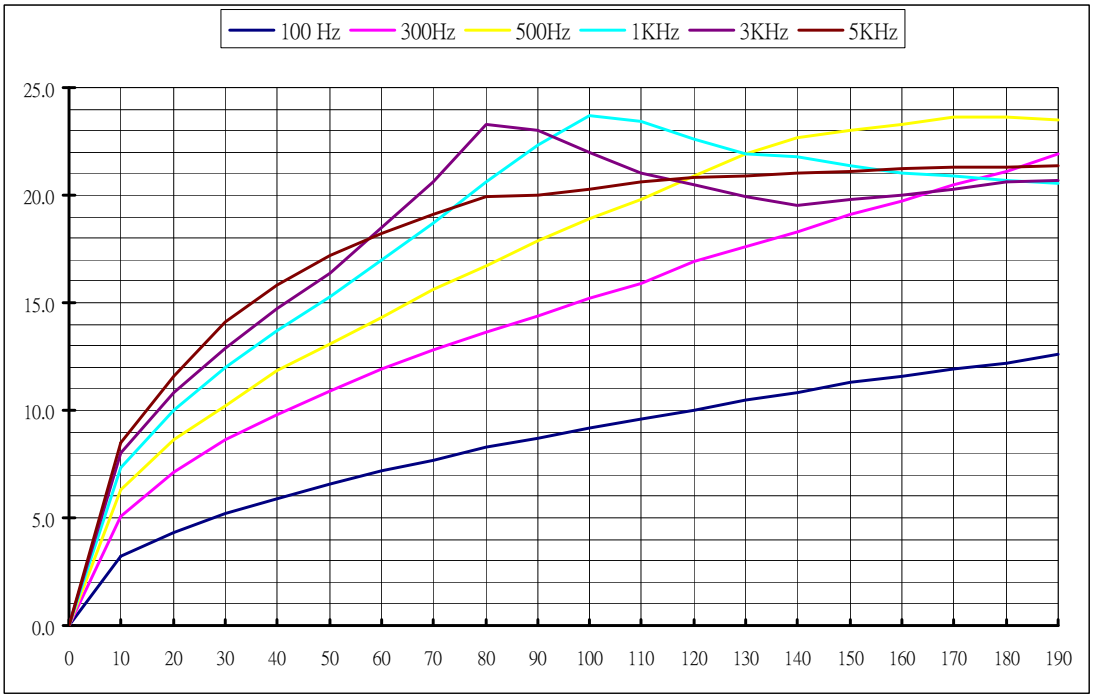
Frequency Deviation



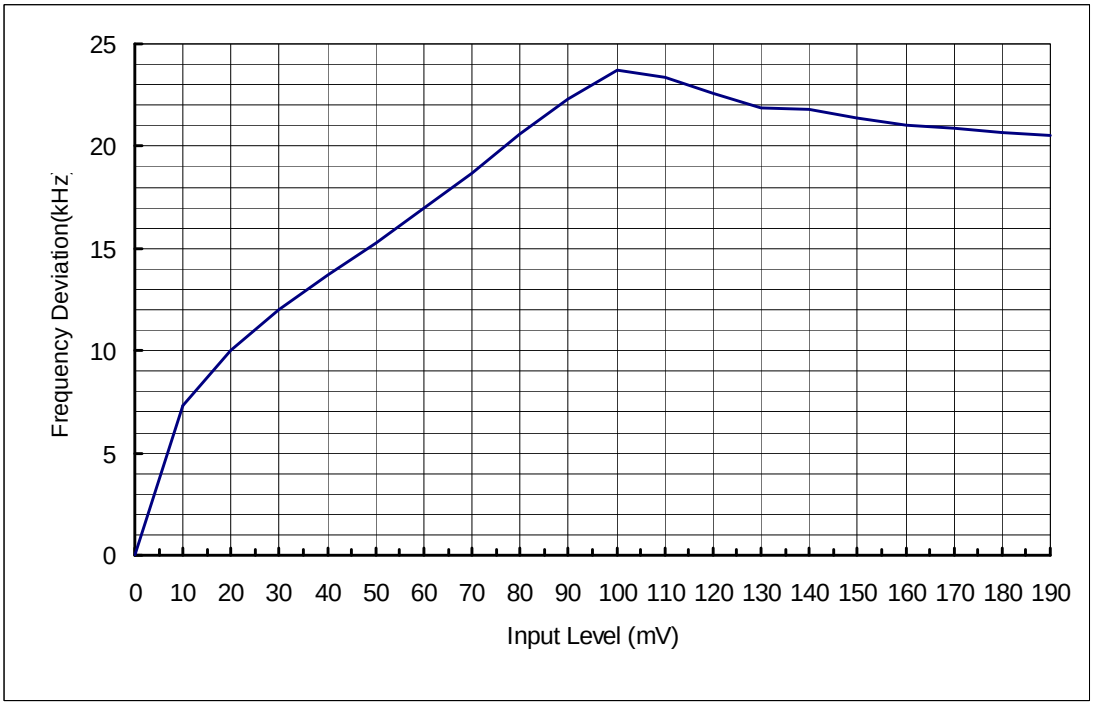
Audio Response



Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8
614.1 MHz
Modulation Characteristics

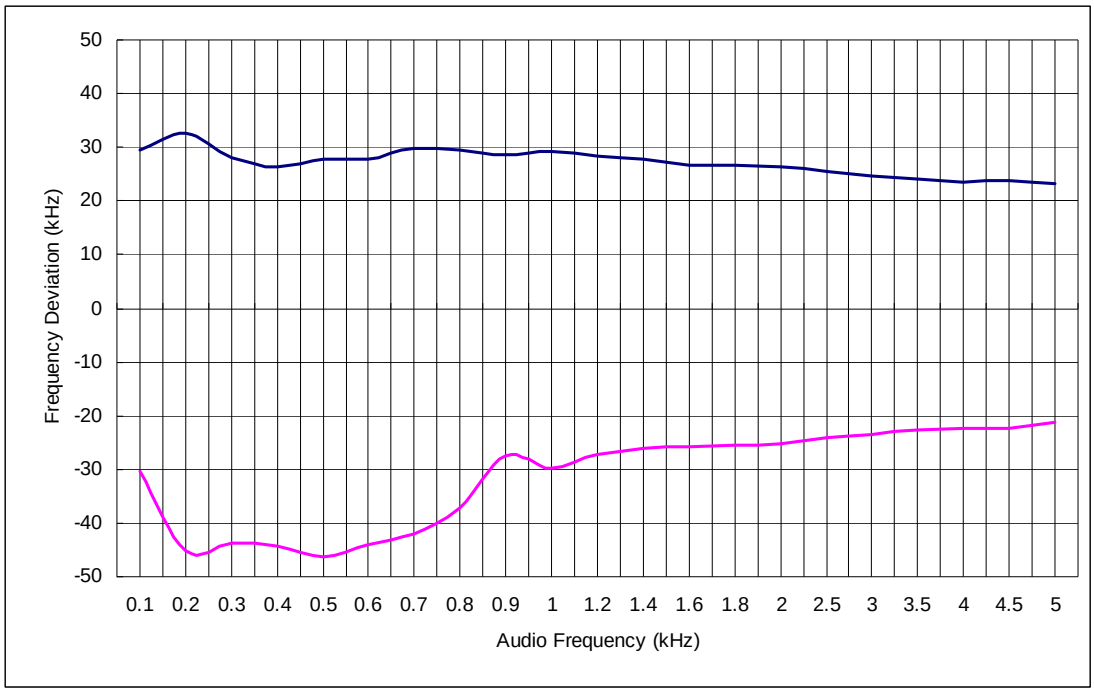


Frequency Deviation at 1kHz

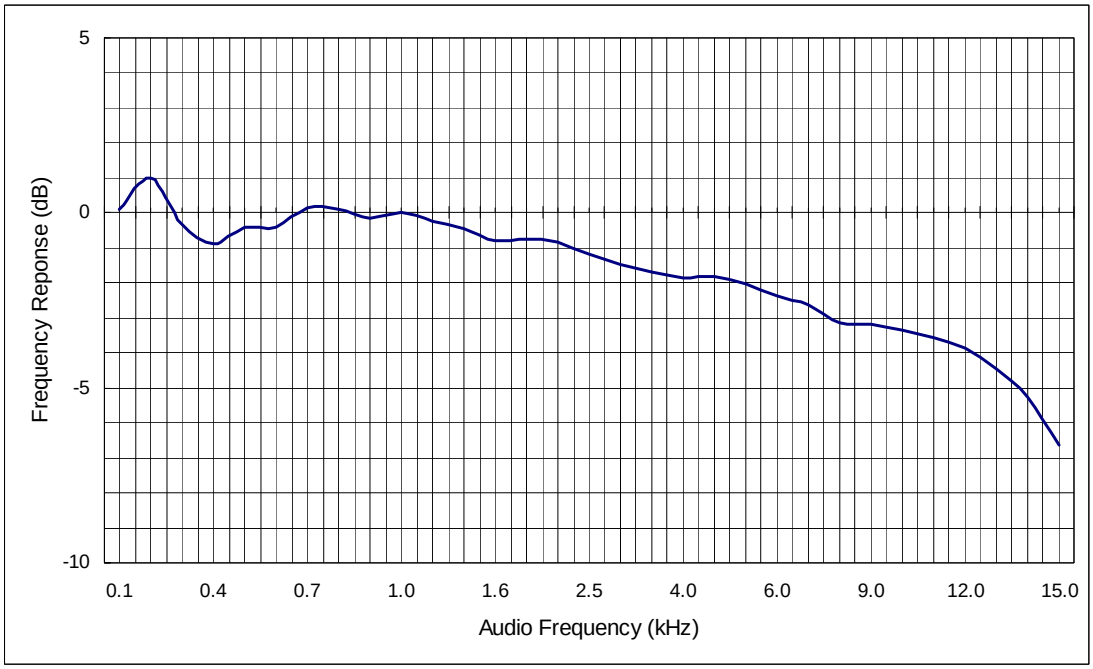


Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

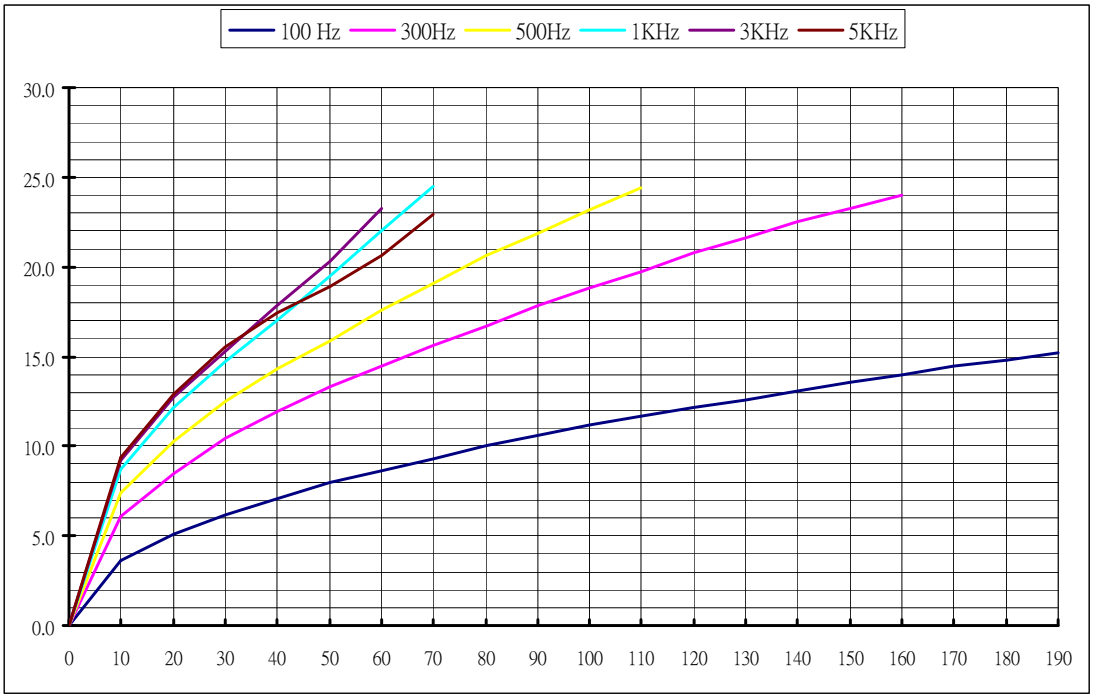
Frequency Deviation



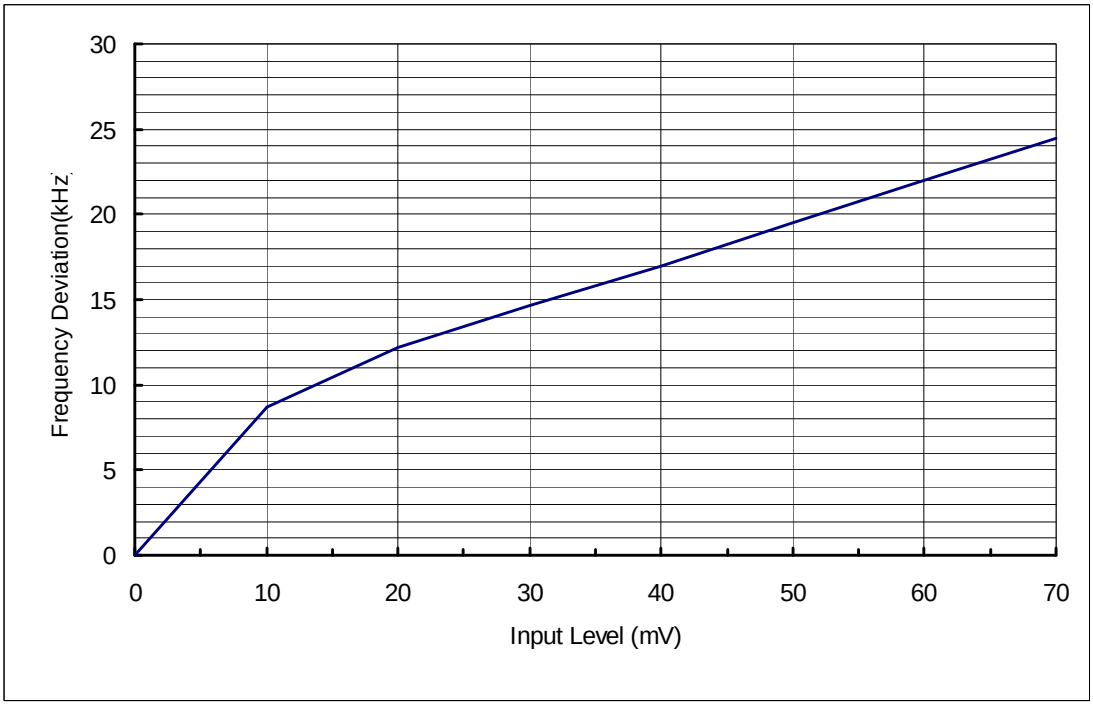
Audio Response



Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8
655.95MHz
Modulation Characteristics



Frequency Deviation at 1kHz



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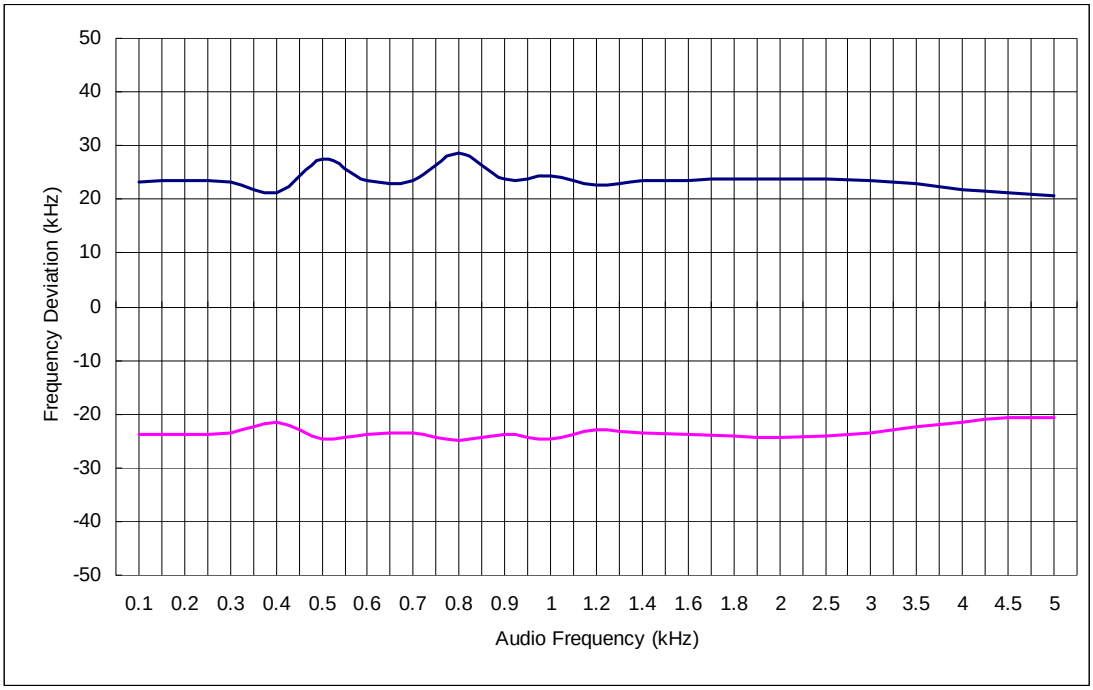
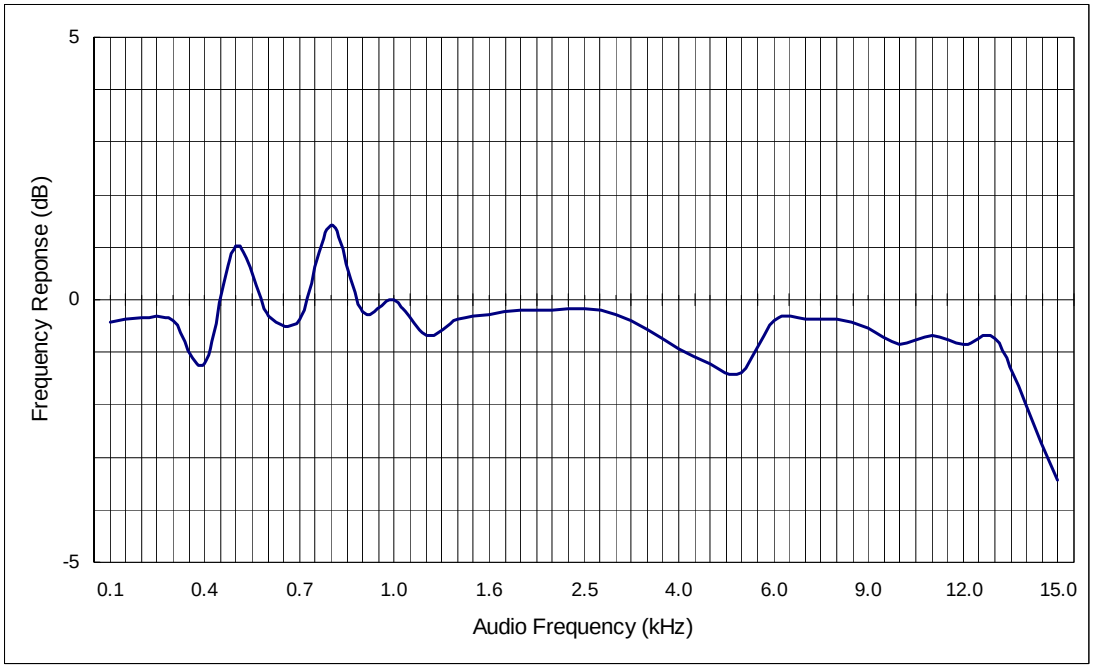
FCC ID: CINMT-U8-470
IC:3563A-MTU8

Frequency Deviation

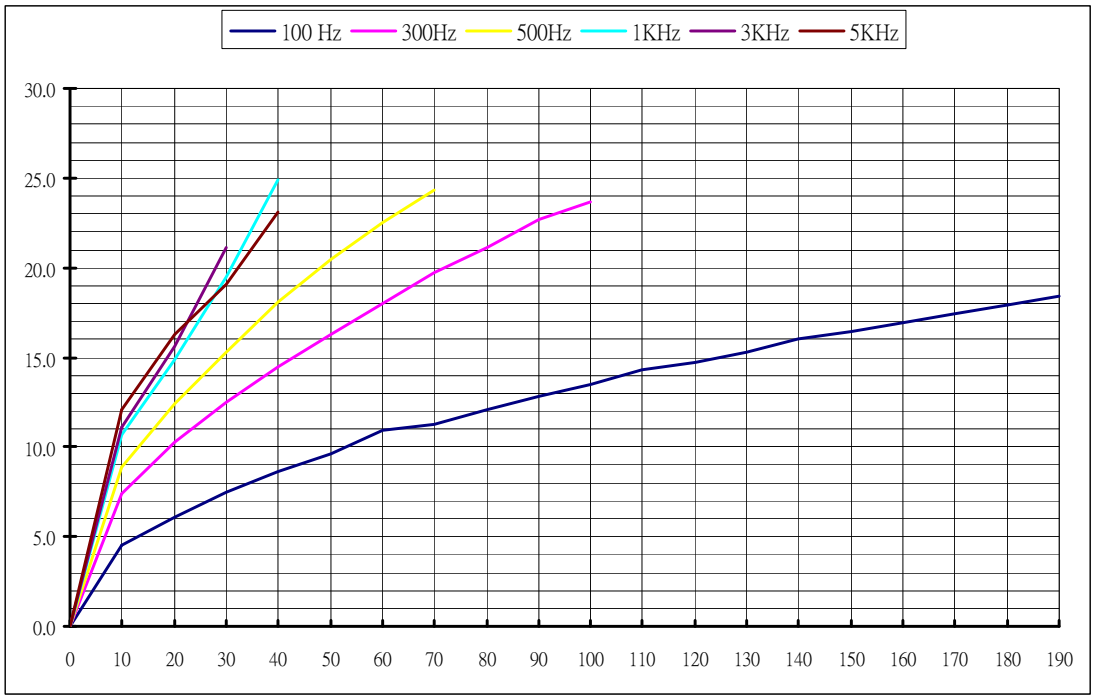


Audio Response

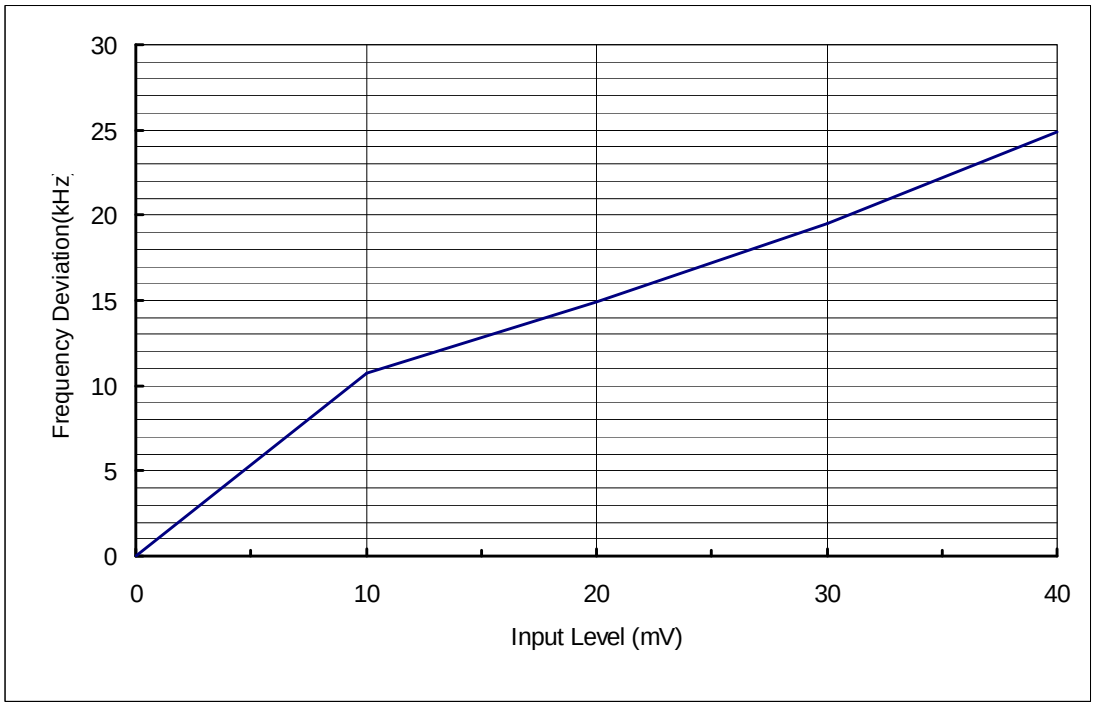


Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8-470
IC:3563A-MTU8

697.8MHz
Modulation Characteristics



Frequency Deviation at 1kHz



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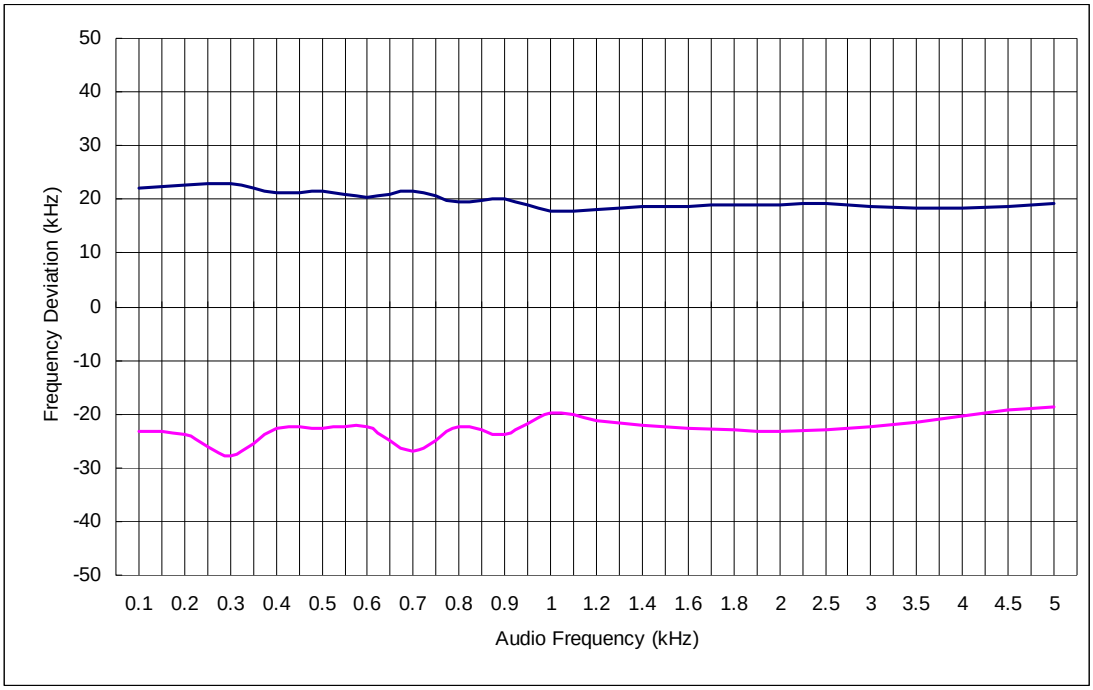
FCC ID: CINMT-U8-470
IC:3563A-MTU8

Frequency Deviation



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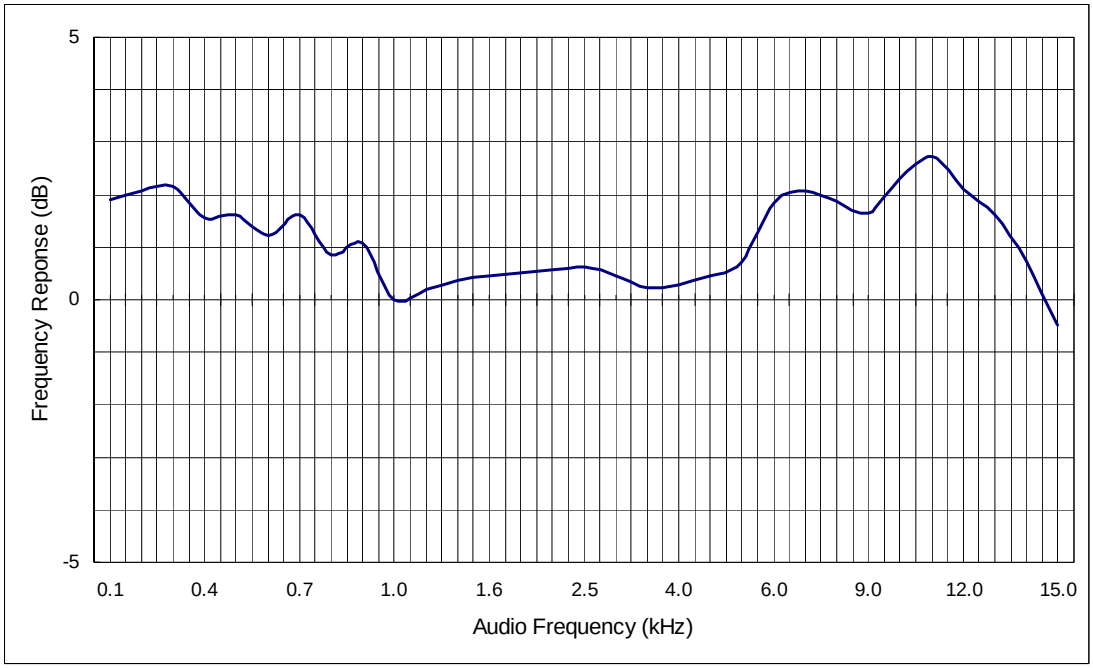


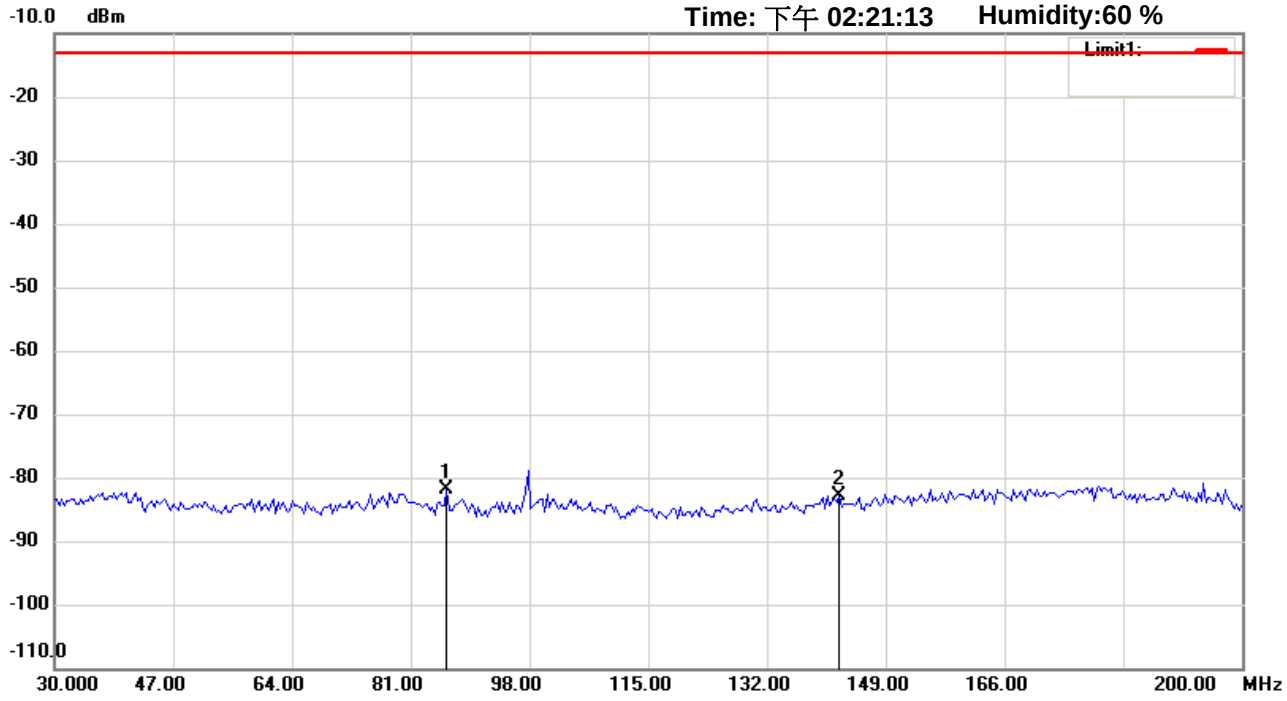
Radiation Spurious Emission-According to FCC Part 74.861

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: 2015/1/14 Time: 下午 02:21:13 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	86.2124	-103.23	peak	21.25	-81.98	-13.00	150	245	-68.98	
	142.4248	-104.02	peak	21.23	-82.79	-13.00	150	80	-69.79	

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

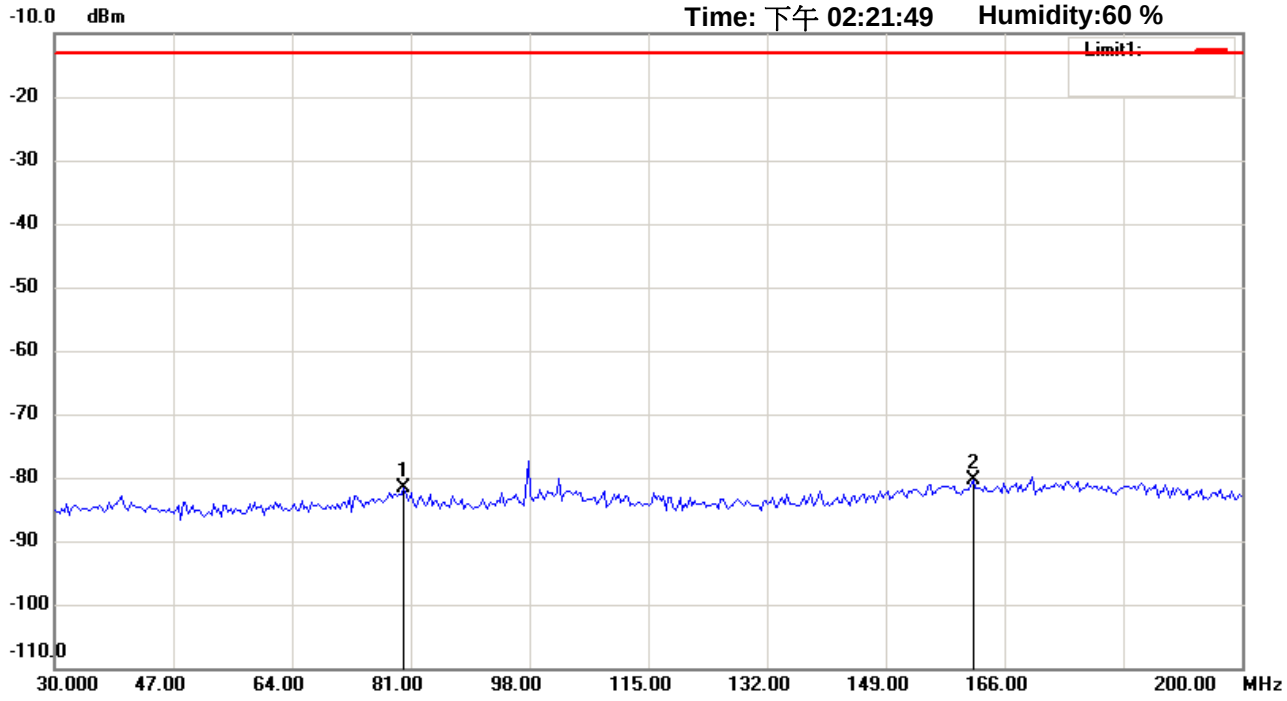
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :1 Data :#2 Date: 2015/1/14 Time: 下午 02:21:49

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	80.0802	-103.68	peak	22.08	-81.60	-13.00	150	145	-68.60	
*	161.5030	-103.55	peak	23.11	-80.44	-13.00	150	195	-67.44	

*: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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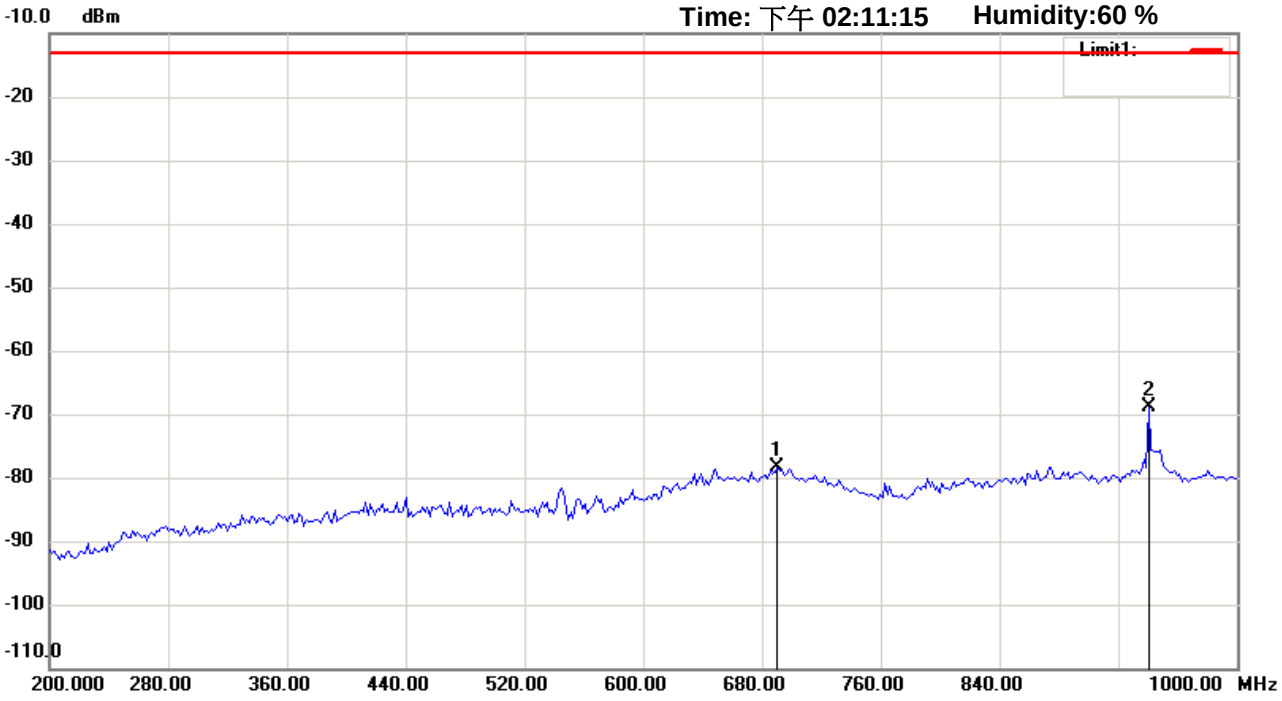
Radiated Emission Measurement

Operator: Kent

File :2 Data :#1 Date: 2015/1/14 Temperature:24 ℃

Time: 下午 02:11:15 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	690.5811	-76.12	peak	-2.33	-78.45	-13.00	150	195	-65.45	
*	940.6814	-66.80	peak	-1.98	-68.78	-13.00	150	245	-55.78	

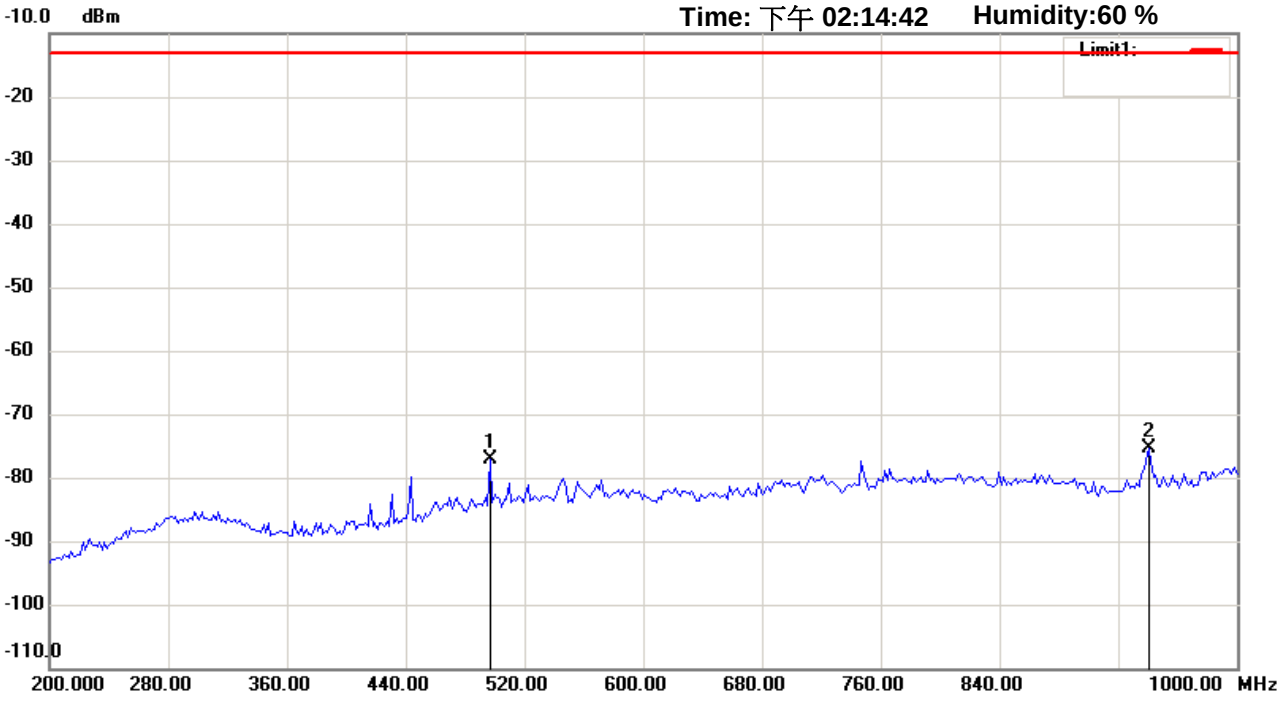
*:Maximum data x:Over limit !:over margin

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 :#2 Date: 2015/1/14 Time: 下午 02:14:42 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	496.5932	-69.49	peak	-7.52	-77.01	-13.00	150	220	-64.01	
*	940.6814	-71.70	peak	-3.71	-75.41	-13.00	150	175	-62.41	

*: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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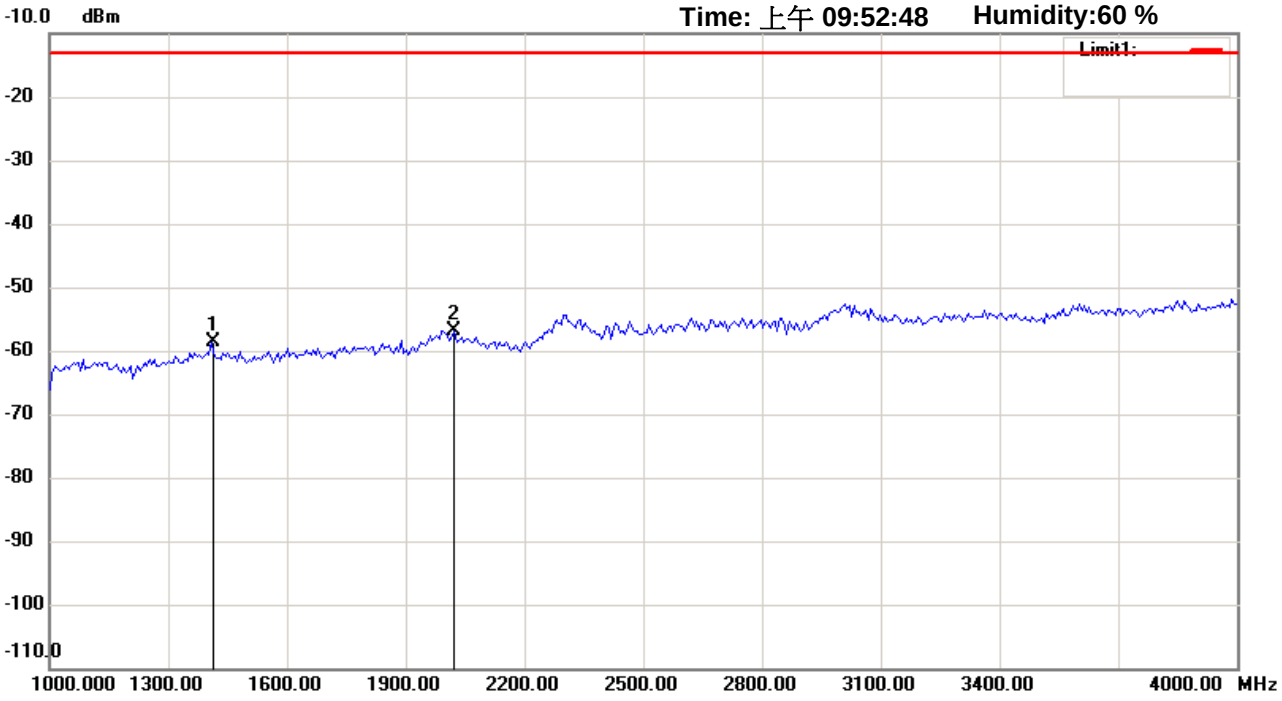
Radiated Emission Measurement

Operator: Kent

File :3 Data :#1 Date: 2015/1/14 Time: 上午 09:52:48 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1408.818	-59.60	peak	0.99	-58.61	-13.00	150	220	-45.61	
*	2022.044	-60.56	peak	3.76	-56.80	-13.00	150	185	-43.80	

*: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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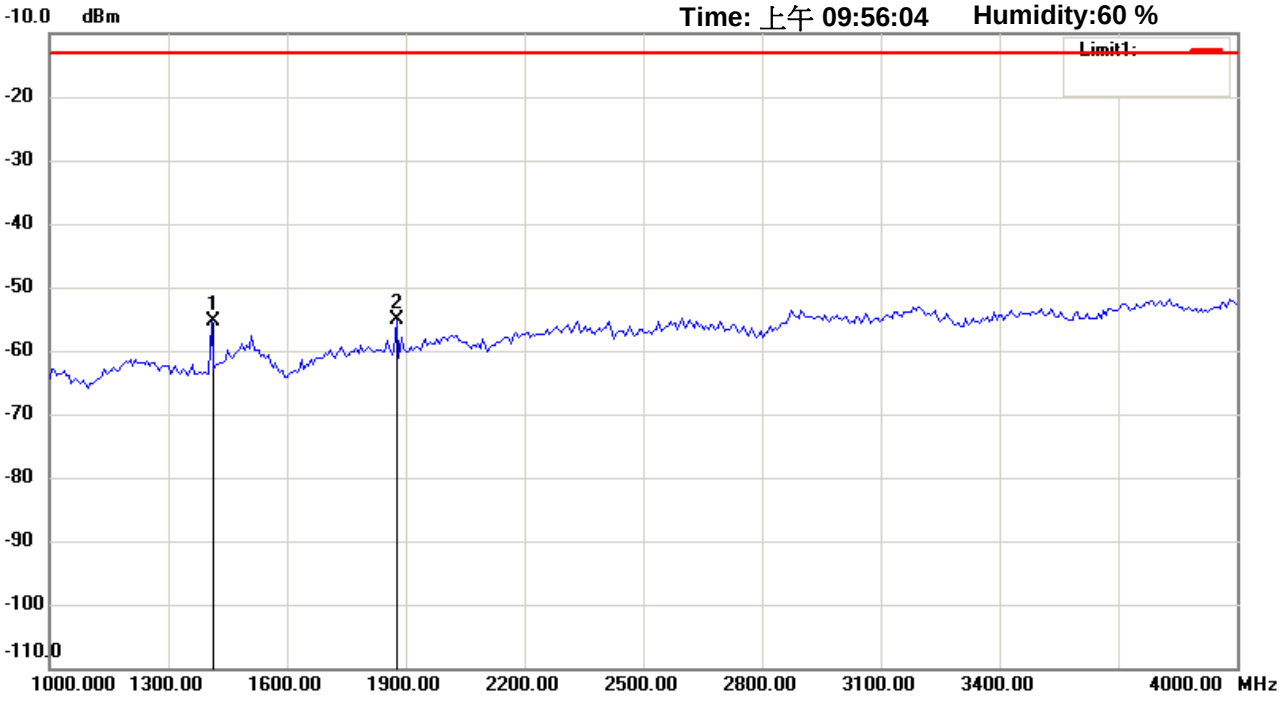
Radiated Emission Measurement

Operator: Kent
File :3 Data :#3 Date: 2015/1/14 Temperature:24 ℃
Time: 上午 09:56:04 Humidity:60 %



Site : Chamber
Condition : FCC 74.861 spurious emission
EUT : W6M21501-14749
M/N:
Test Mode : TX 470.1 MHZ
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1408.818	-53.63	peak	-1.75	-55.38	-13.00	150	185	-42.38	
*	1877.755	-56.03	peak	1.03	-55.00	-13.00	150	245	-42.00	

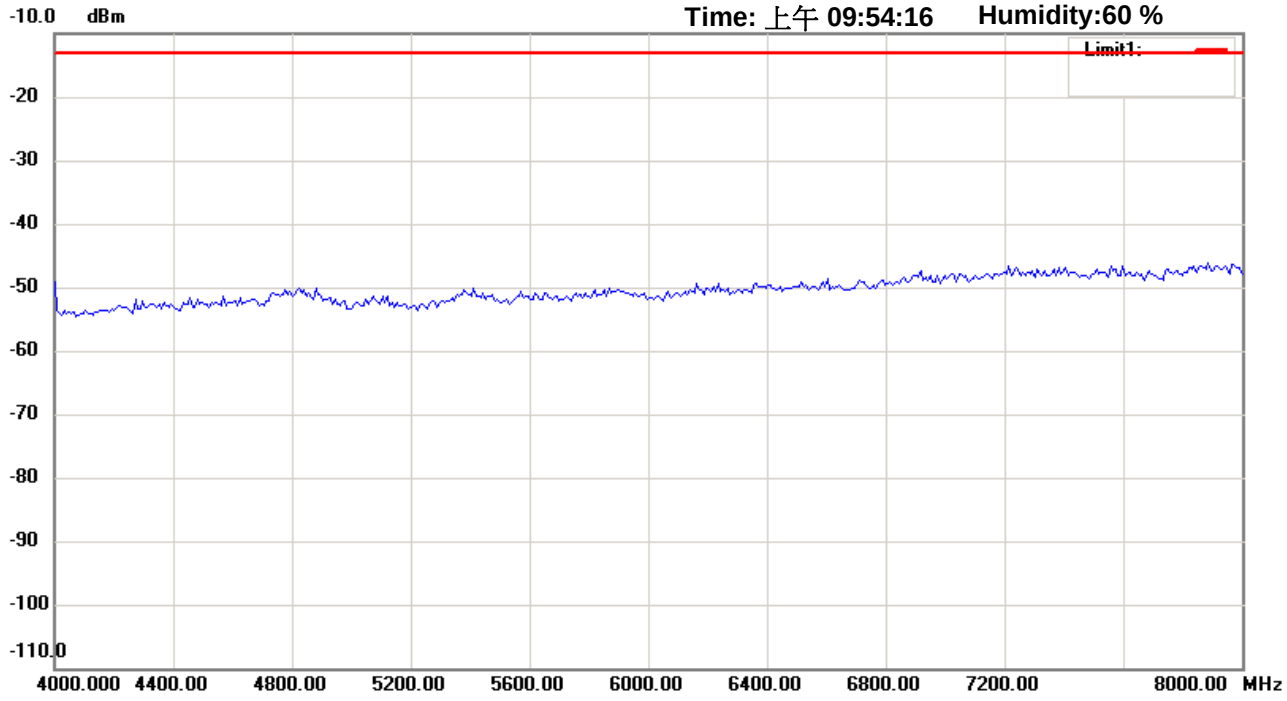
*:Maximum data x:Over limit !:over margin

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 :#2 Date: 2015/1/14 Time: 上午 09:54:16 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

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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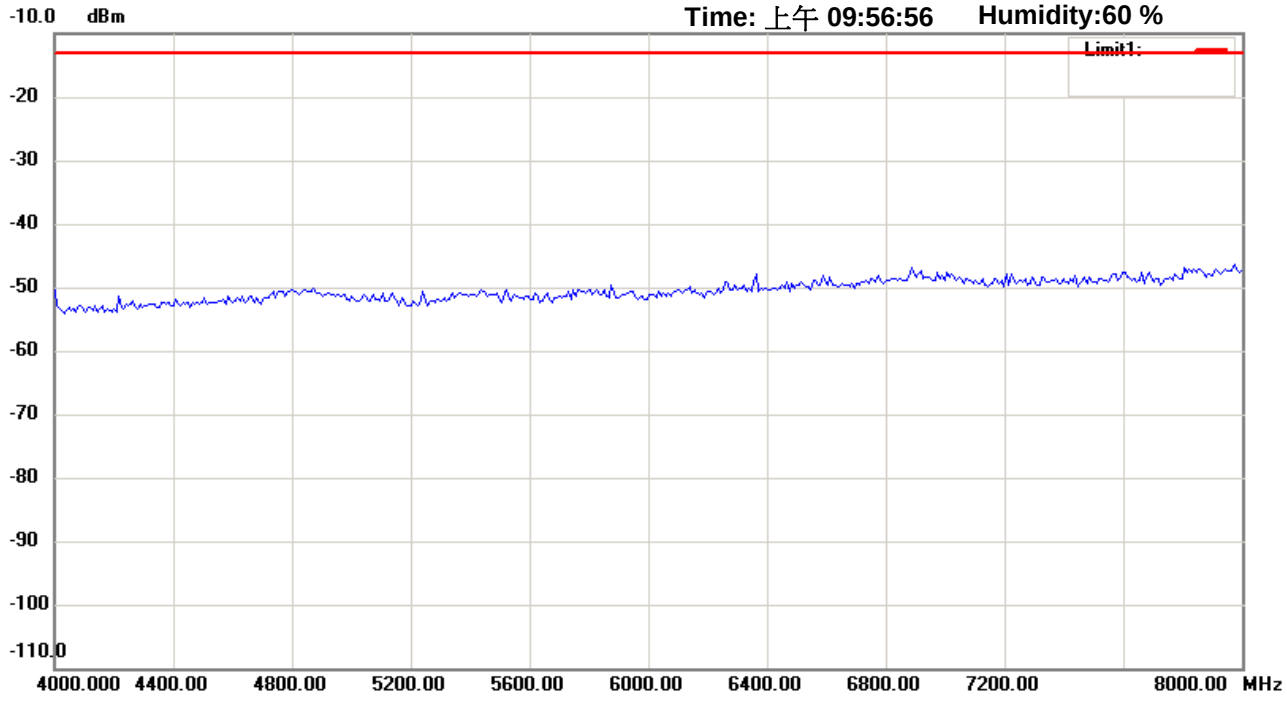
Radiated Emission Measurement

Operator: Kent

File :3 Data :#4 Date: 2015/1/14 Time: 上午 09:56:56

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

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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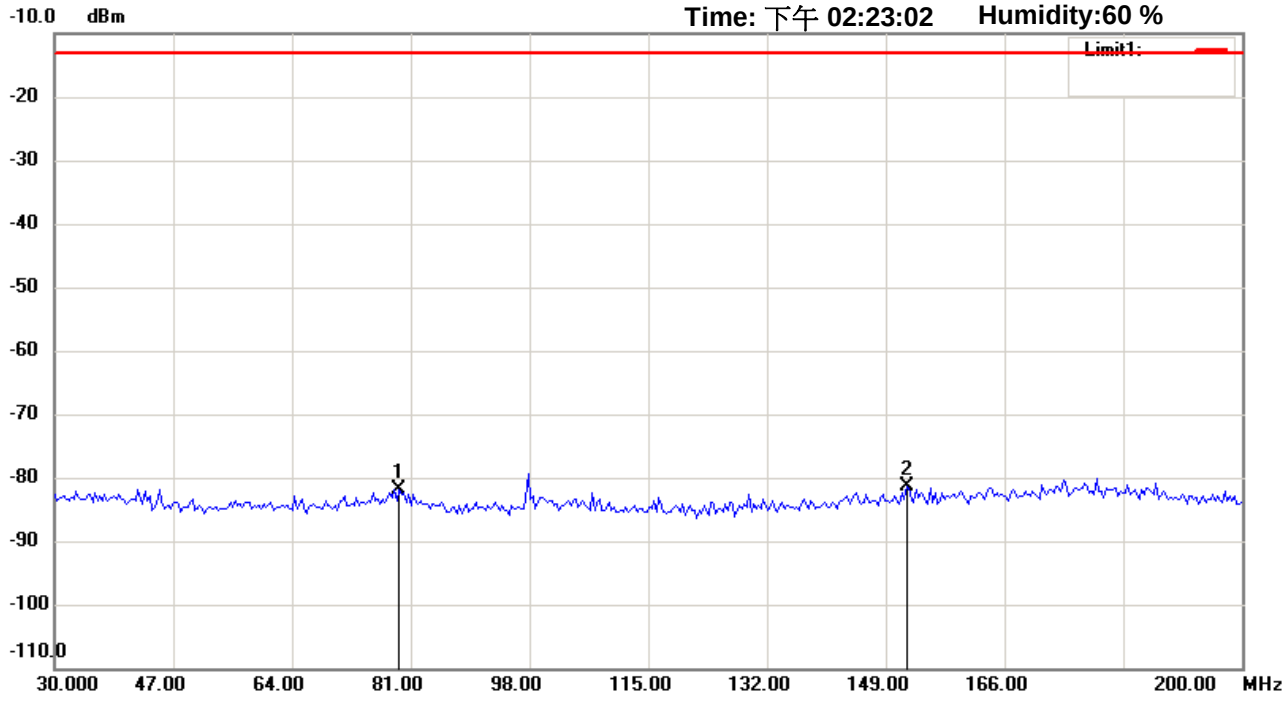
Radiated Emission Measurement

Operator: Kent

File :1 Data :#1 Date: 2015/1/14 Time: 下午 02:23:02 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 539 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	79.3987	-103.77	peak	22.02	-81.75	-13.00	150	220	-68.75	
*	151.9638	-103.24	peak	21.89	-81.35	-13.00	150	115	-68.35	

*: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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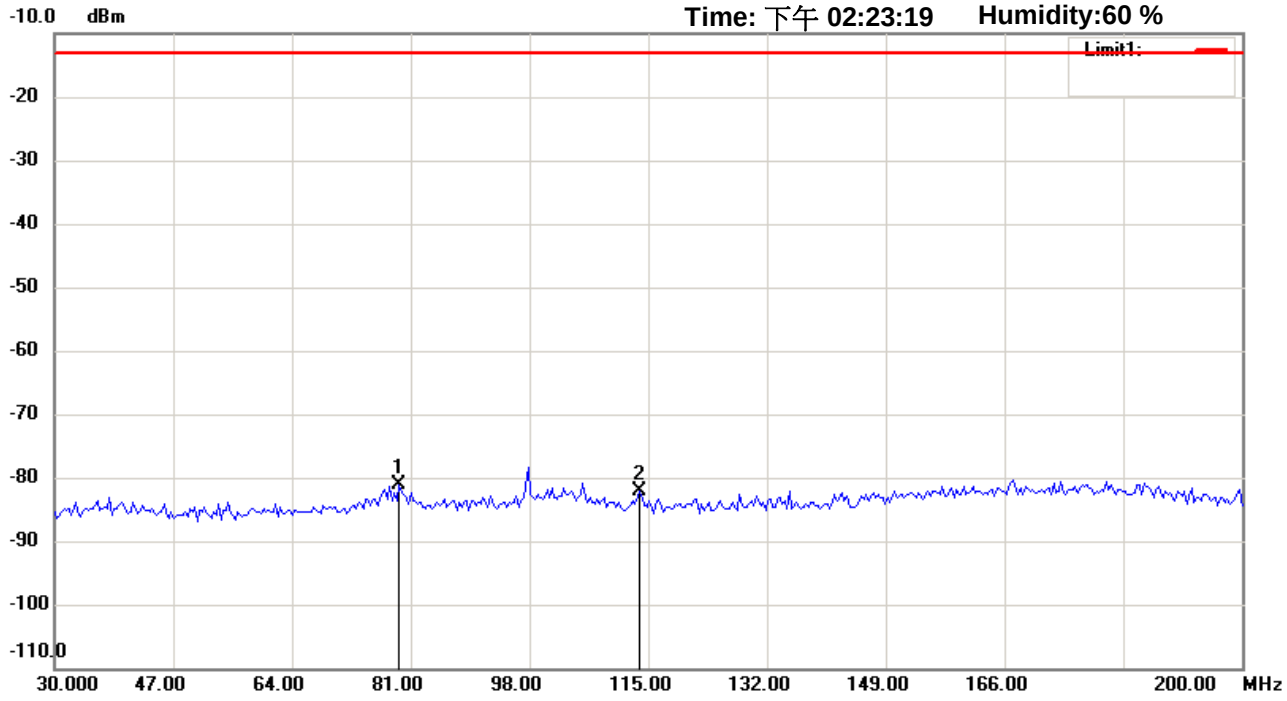
Radiated Emission Measurement

Operator: Kent

File :1 Data :#2 Date: 2015/1/14 Temperature:24 ℃

Time: 下午 02:23:19 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

Polarization: *Vertical*

EUT : W6M21501-14749

Power : 1.5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 539 MHZ

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	79.3987	-103.22	peak	21.99	-81.23	-13.00	150	220	-68.23	
	113.8075	-103.73	peak	21.58	-82.15	-13.00	150	145	-69.15	

*: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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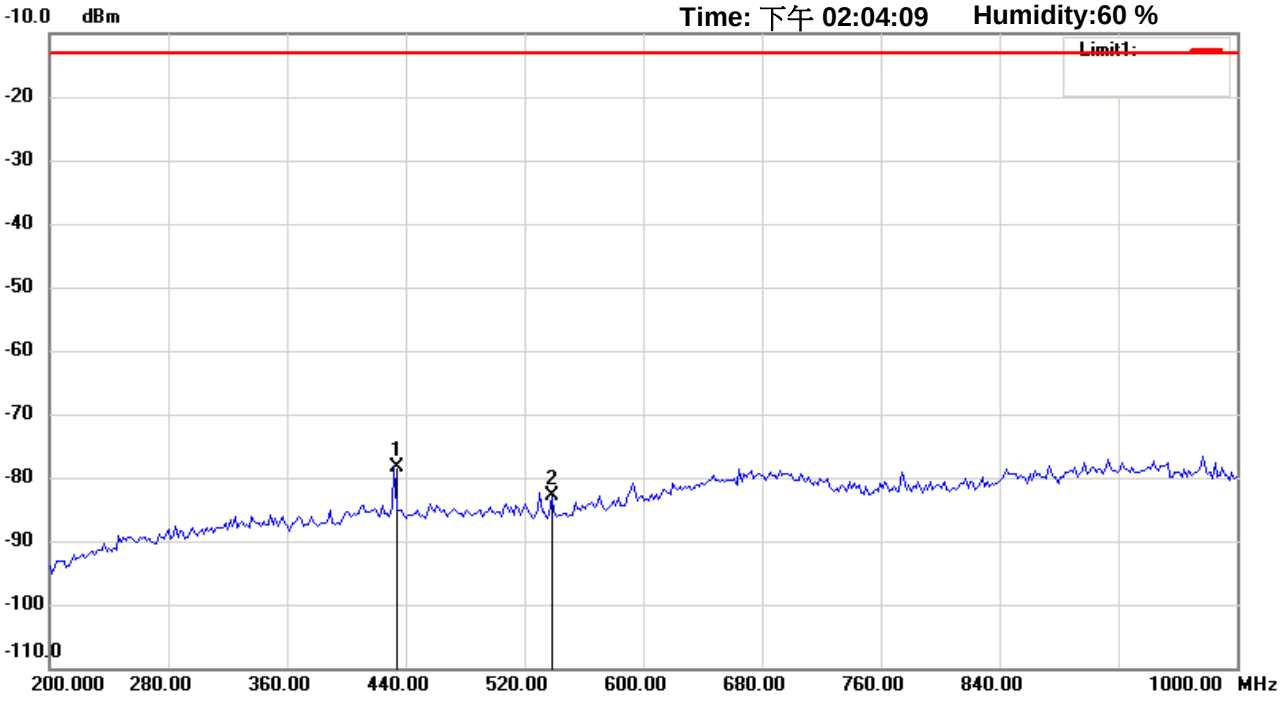
Radiated Emission Measurement

Operator: Kent

File :2 Data :#1 Date: 2015/1/14 Temperature:24 ℃

Time: 下午 02:04:09 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 539 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	432.4650	-69.18	peak	-9.25	-78.43	-13.00	150	220	-65.43	
	538.2766	-73.73	peak	-9.07	-82.80	-13.00	150	185	-69.80	

*: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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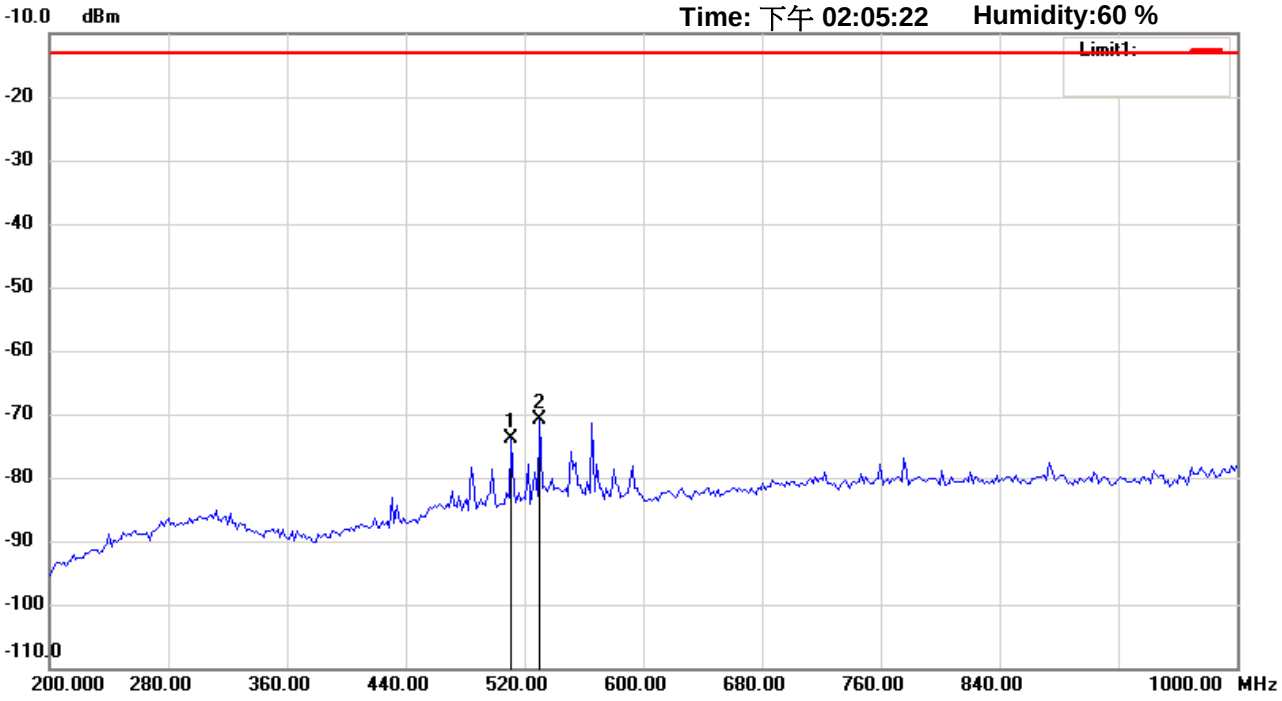
Radiated Emission Measurement

Operator: Kent

File :2 Data :#2 Date: 2015/1/14 Time: 下午 02:05:22

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 539 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	511.0220	-67.08	peak	-6.88	-73.96	-13.00	150	145	-60.96	
*	530.2605	-64.19	peak	-6.67	-70.86	-13.00	150	220	-57.86	

*: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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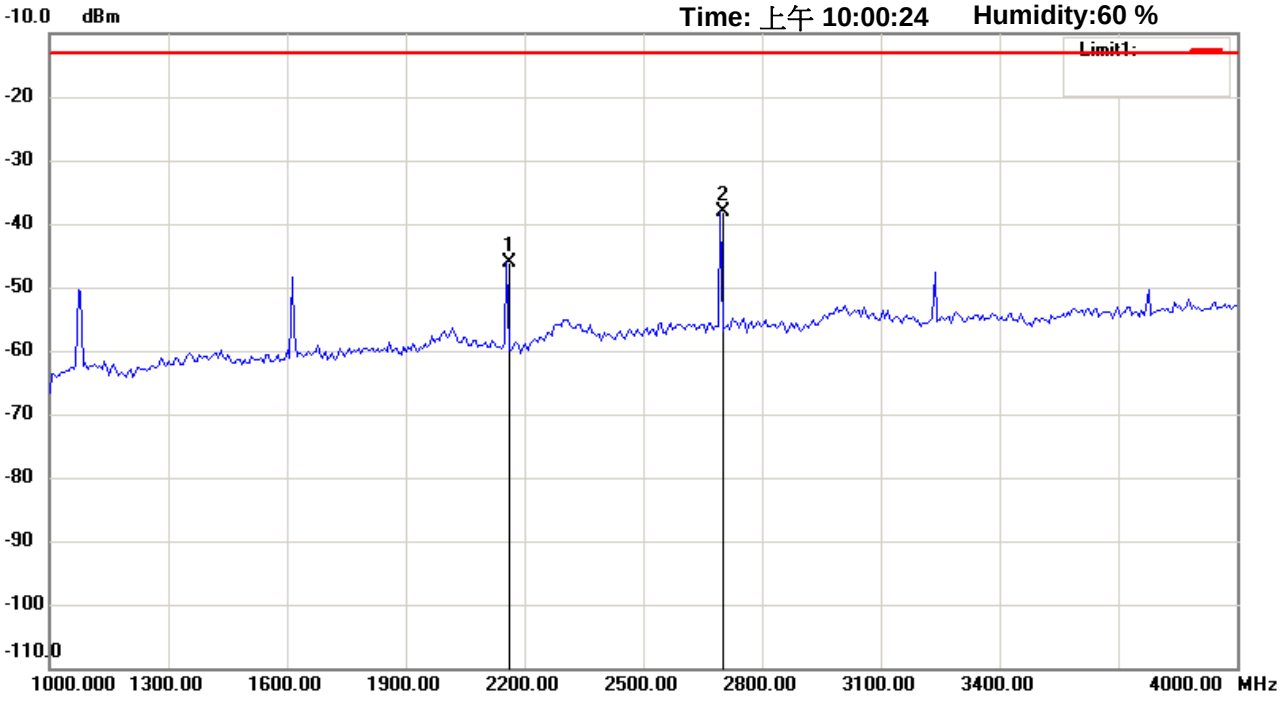
Radiated Emission Measurement

Operator: Kent
File :3 Data :#1 Date: 2015/1/14 Temperature:24 ℃
Time: 上午 10:00:24 Humidity:60 %



Site : Chamber
Condition : FCC 74.861 spurious emission
EUT : W6M21501-14749
M/N:
Test Mode : TX 539 MHZ
Note :

Polarization: *Horizontal*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2154.309	-48.20	peak	2.09	-46.11	-13.00	150	305	-33.11	
*	2695.391	-44.17	peak	6.15	-38.02	-13.00	150	185	-25.02	

*: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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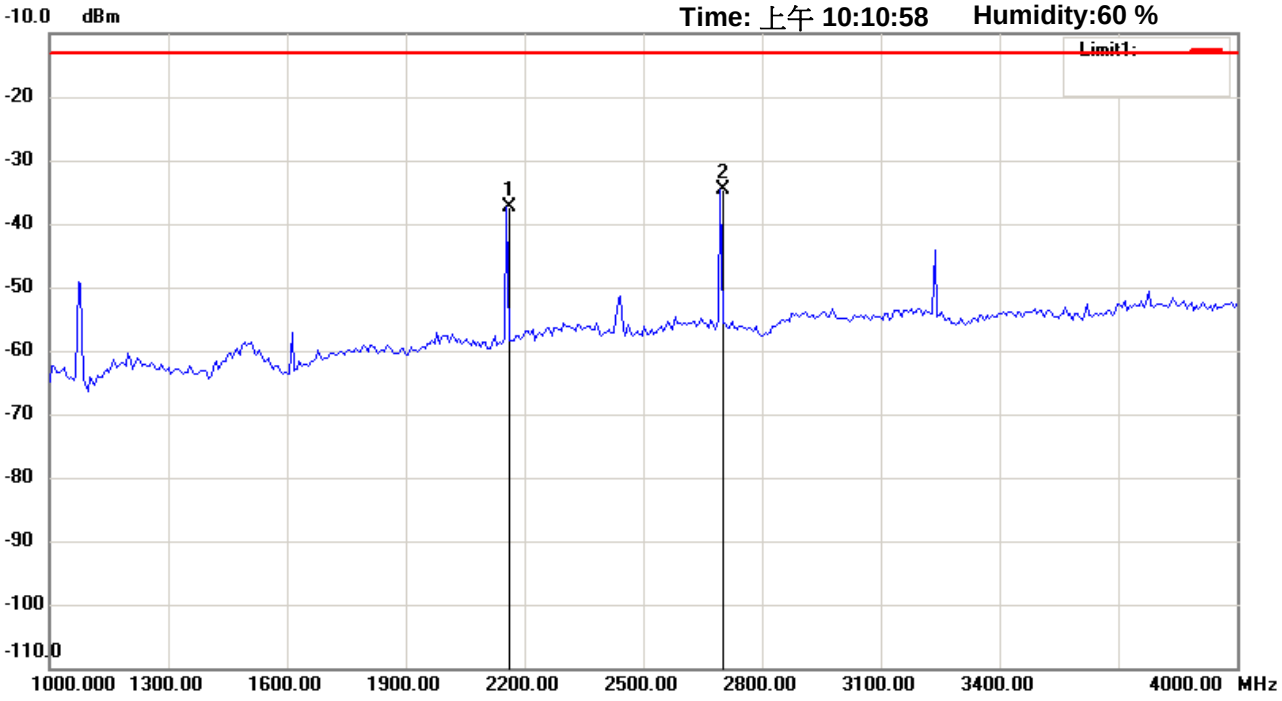
Radiated Emission Measurement

Operator: Kent
File :3 Data :#3 Date: 2015/1/14 Temperature:24 ℃
Time: 上午 10:10:58 Humidity:60 %



Site : Chamber
Condition : FCC 74.861 spurious emission
EUT : W6M21501-14749
M/N:
Test Mode : TX 539 MHZ
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2154.309	-40.38	peak	2.90	-37.48	-13.00	150	220	-24.48	
*	2695.391	-41.03	peak	6.44	-34.59	-13.00	150	185	-21.59	

*: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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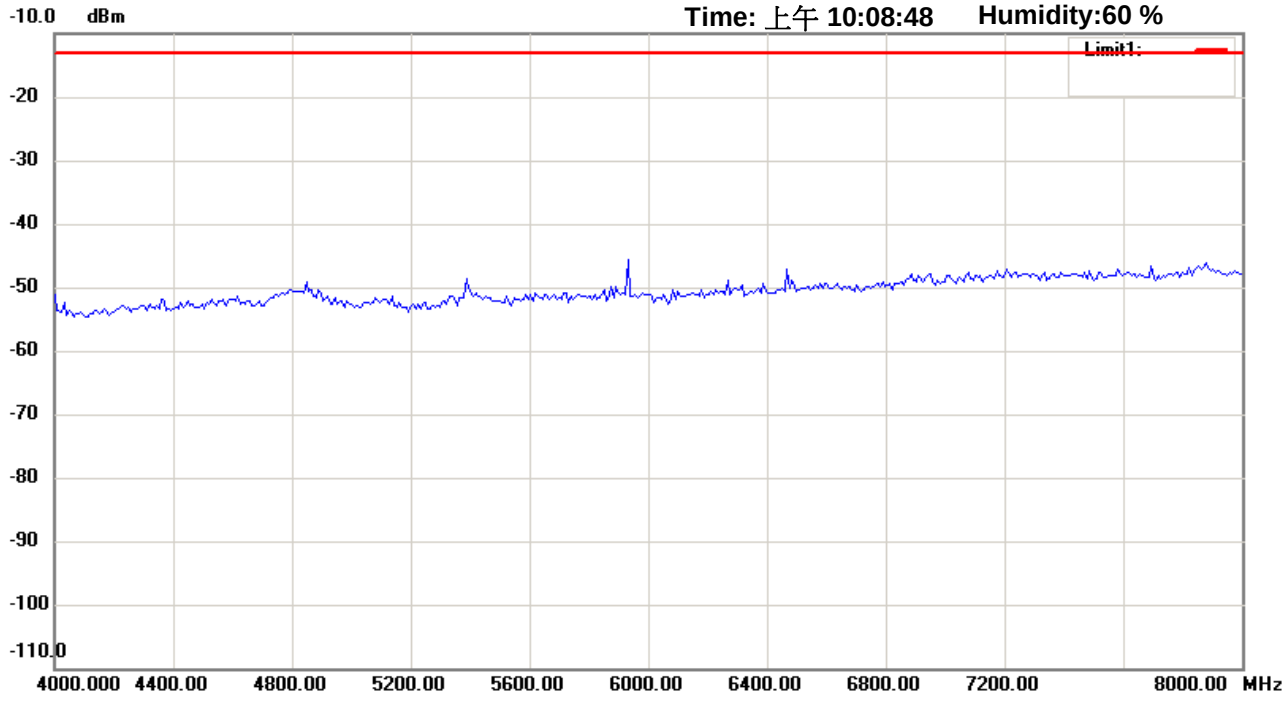
Radiated Emission Measurement

Operator: Kent

File :3 Data :#2 Date: 2015/1/14 Time: 上午 10:08:48

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 539 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

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

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

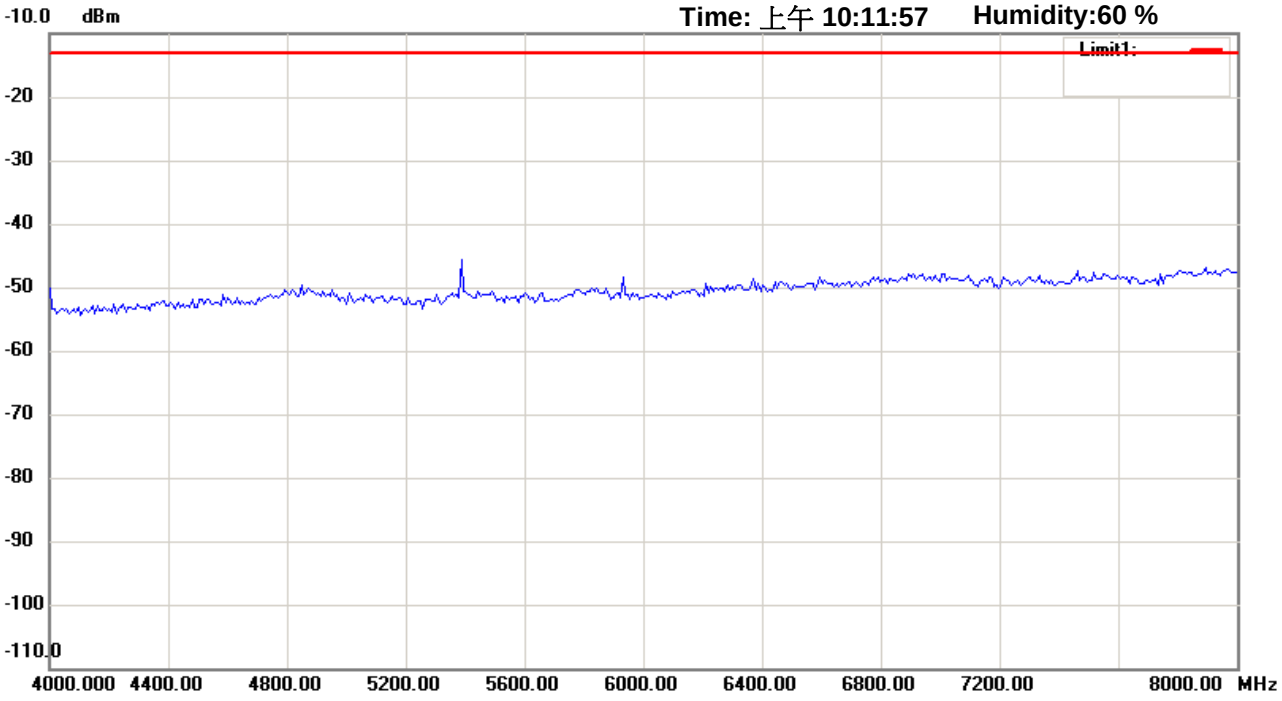
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :3 Data :#4 Date: 2015/1/14 Time: 上午 10:11:57

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 539 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

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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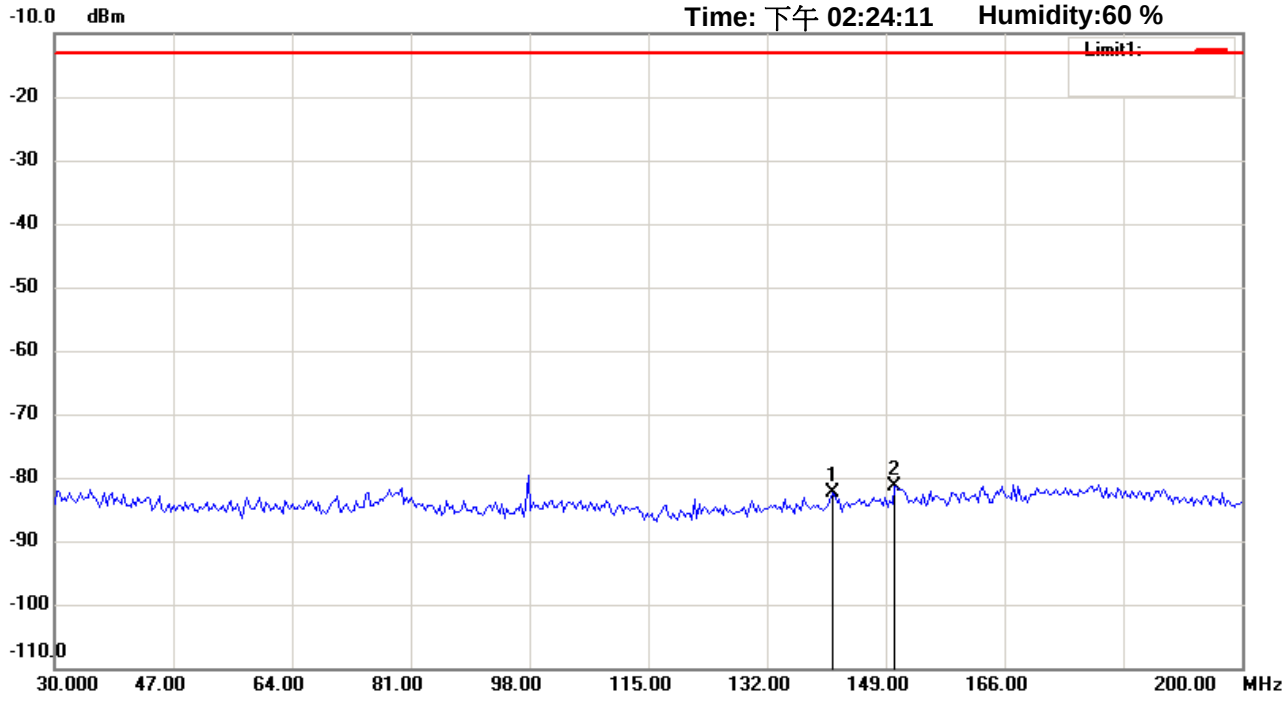
Radiated Emission Measurement

Operator: Kent

File :1 Data :#1 Date: 2015/1/14 Time: 下午 02:24:11 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 607.9 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	141.4028	-103.43	peak	21.16	-82.27	-13.00	150	240	-69.27	
*	150.2605	-103.18	peak	21.77	-81.41	-13.00	150	75	-68.41	

*: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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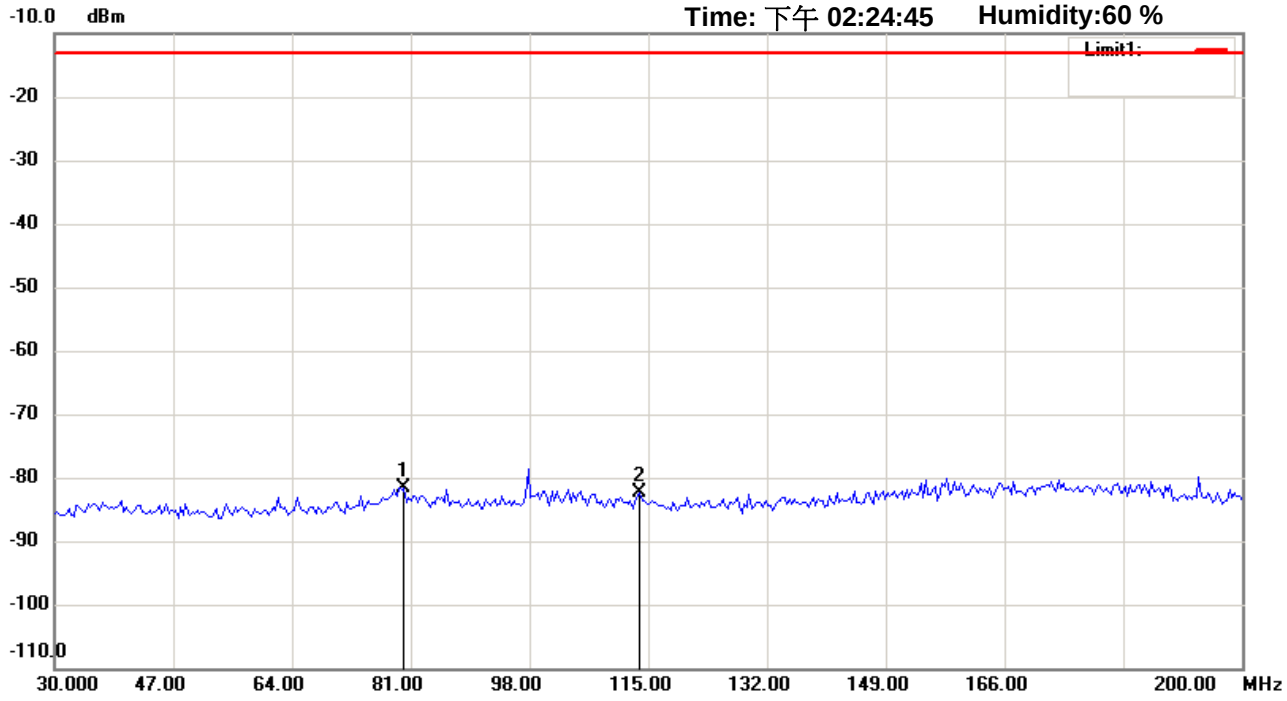
Radiated Emission Measurement

Operator: Kent

File :1 Data :#2 Date: 2015/1/14 Time: 下午 02:24:45

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 607.9 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	80.0802	-103.63	peak	22.08	-81.55	-13.00	150	220	-68.55	
	113.8076	-103.92	peak	21.58	-82.34	-13.00	150	145	-69.34	

*: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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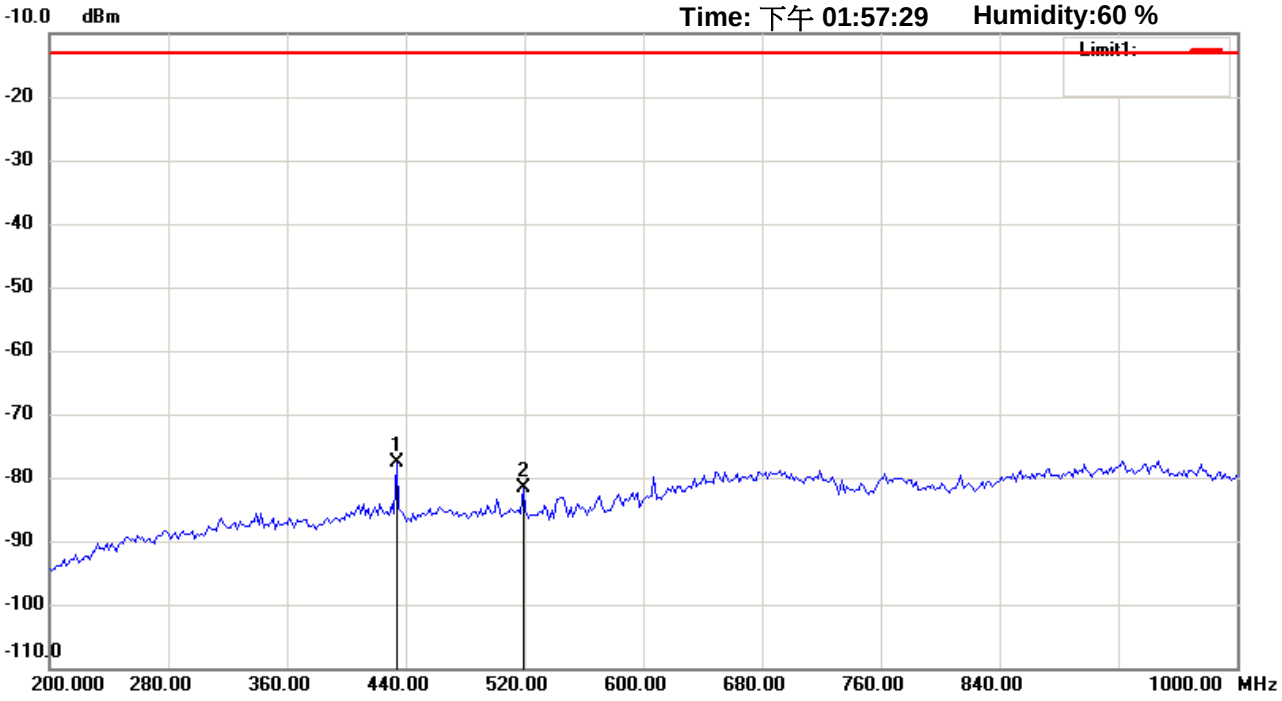
Radiated Emission Measurement

Operator: Kent

File :2 Data :#1 Date: 2015/1/14 Temperature:24 ℃

Time: 下午 01:57:29 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 607.9 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	434.0681	-68.28	peak	-9.34	-77.62	-13.00	150	245	-64.62	
	519.0380	-72.99	peak	-8.73	-81.72	-13.00	150	185	-68.72	

*: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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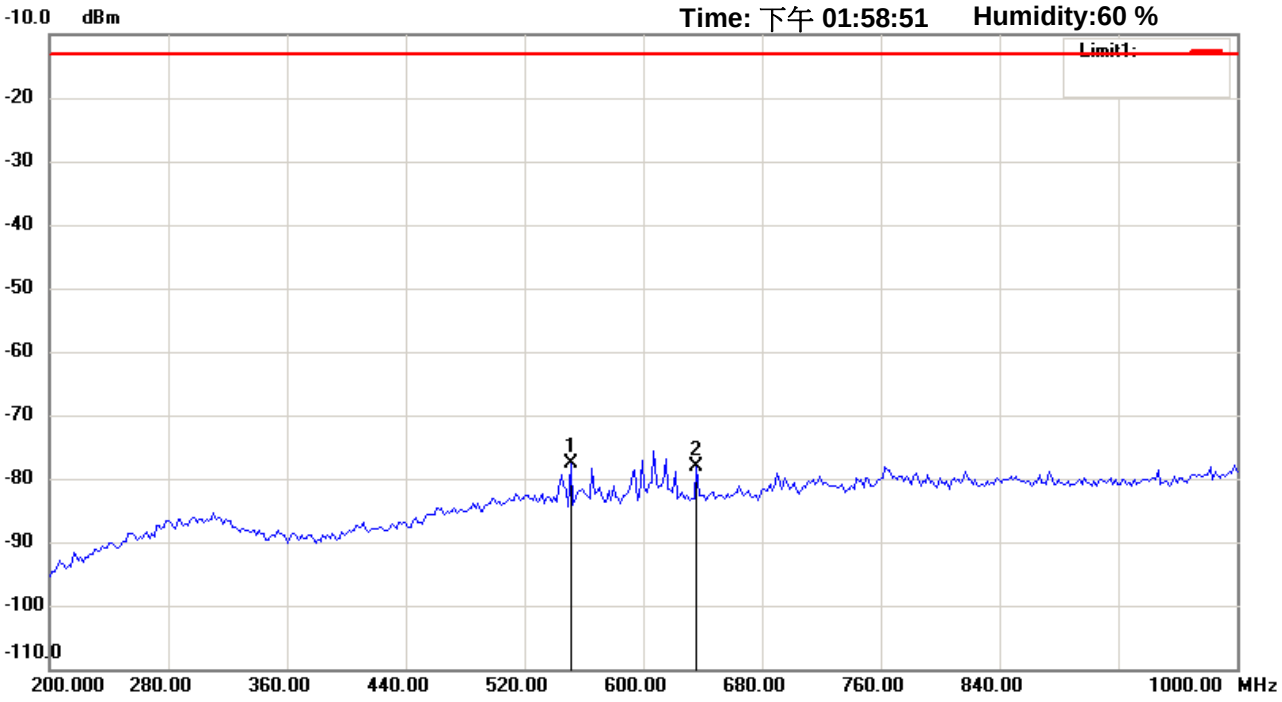
Radiated Emission Measurement

Operator: Kent

File :2 Data :#2 Date: 2015/1/14 Temperature:24 ℃

Time: 下午 01:58:51 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 607.9 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	551.1022	-71.23	peak	-6.43	-77.66	-13.00	150	220	-64.66	
	636.0720	-72.66	peak	-5.40	-78.06	-13.00	150	185	-65.06	

*: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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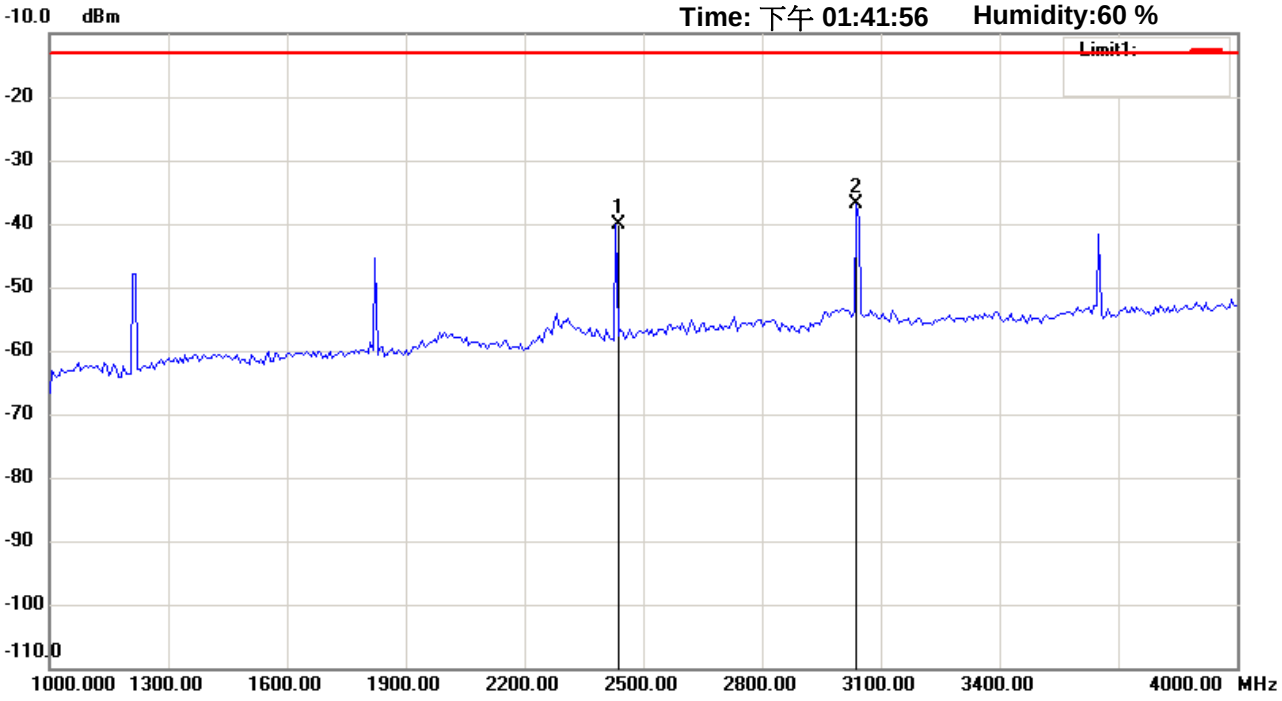
Radiated Emission Measurement

Operator: Kent
File :3 Data :#1 Date: 2015/1/14 Temperature:24 ℃
Time: 下午 01:41:56 Humidity:60 %



Site : Chamber
Condition : FCC 74.861 spurious emission
EUT : W6M21501-14749
M/N:
Test Mode : TX 607.9 MHZ
Note :

Polarization: *Horizontal*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2430.862	-44.15	peak	3.95	-40.20	-13.00	150	220	-27.20	
*	3038.076	-44.96	peak	8.05	-36.91	-13.00	150	185	-23.91	

*: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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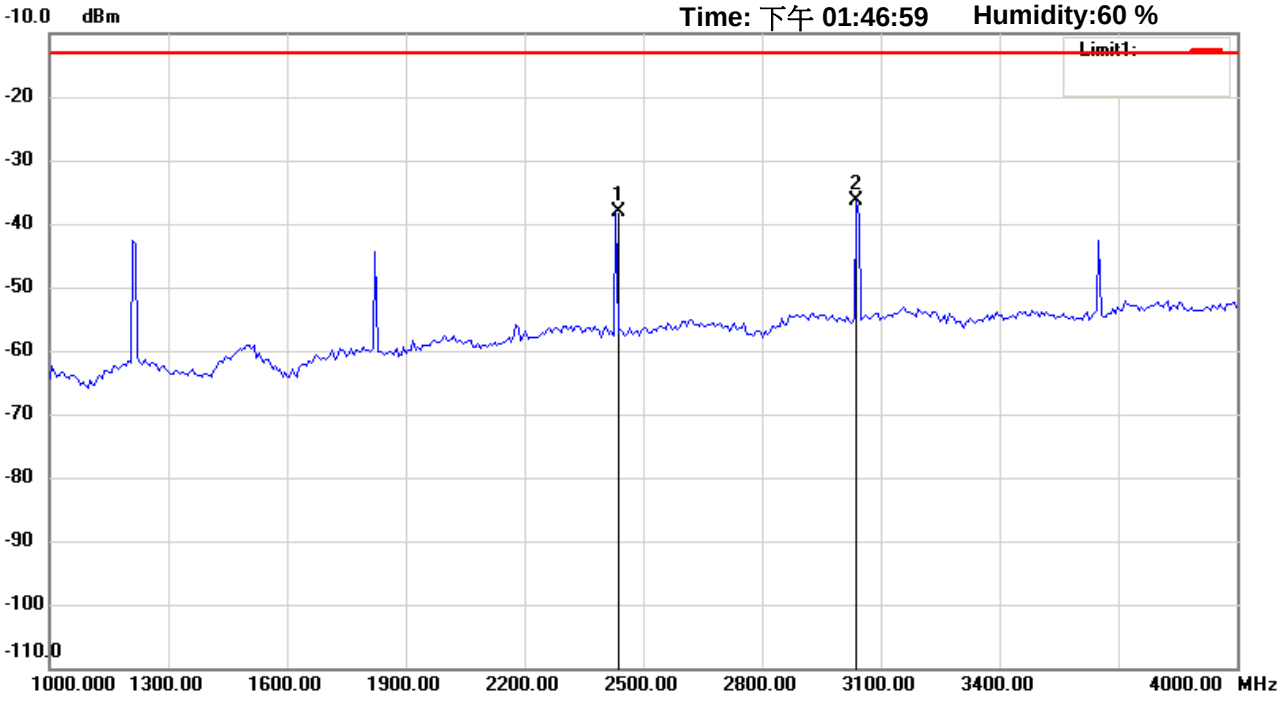
Radiated Emission Measurement

Operator: Kent
File :3 Data :#3 Date: 2015/1/14
Temperature:24 ℃
Time: 下午 01:46:59
Humidity:60 %



Site : Chamber
Condition : FCC 74.861 spurious emission
EUT : W6M21501-14749
M/N:
Test Mode : TX 607.9 MHZ
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2430.862	-42.42	peak	4.35	-38.07	-13.00	150	245	-25.07	
*	3038.076	-43.28	peak	7.02	-36.26	-13.00	150	185	-23.26	

*: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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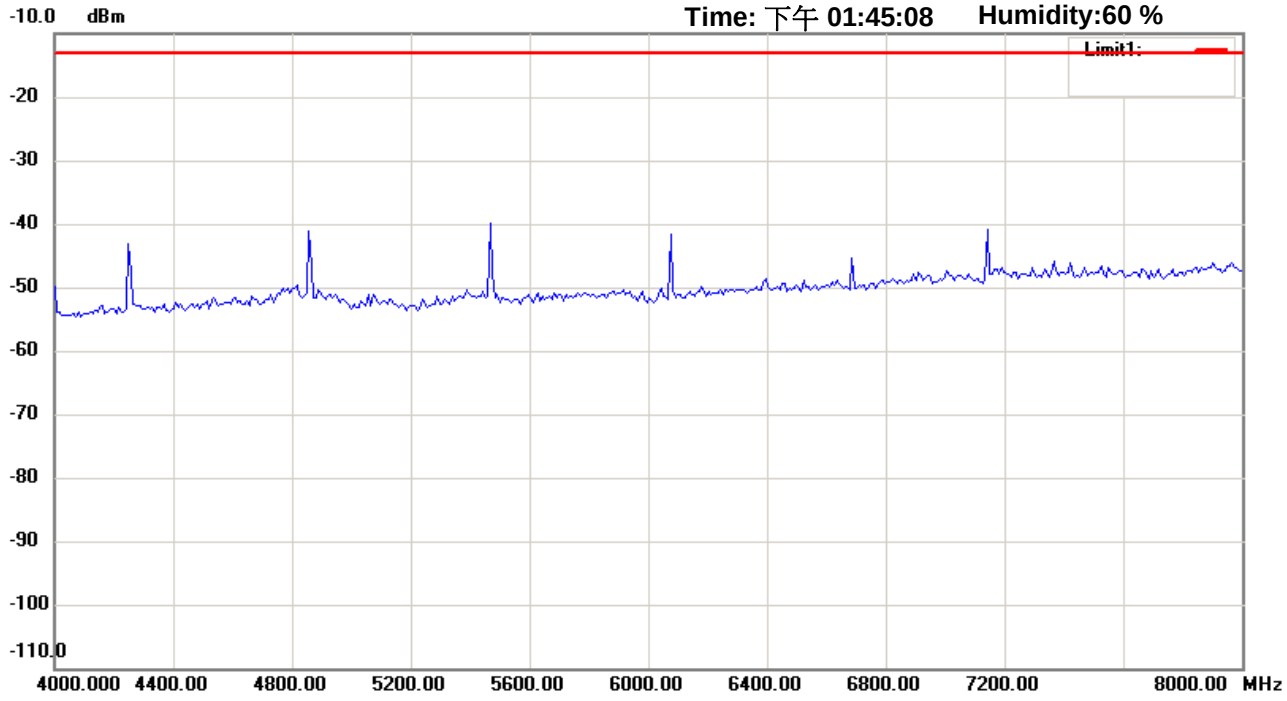
Radiated Emission Measurement

Operator: Kent

File :3 Data :#2 Date: 2015/1/14 Time: 下午 01:45:08

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 607.9 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

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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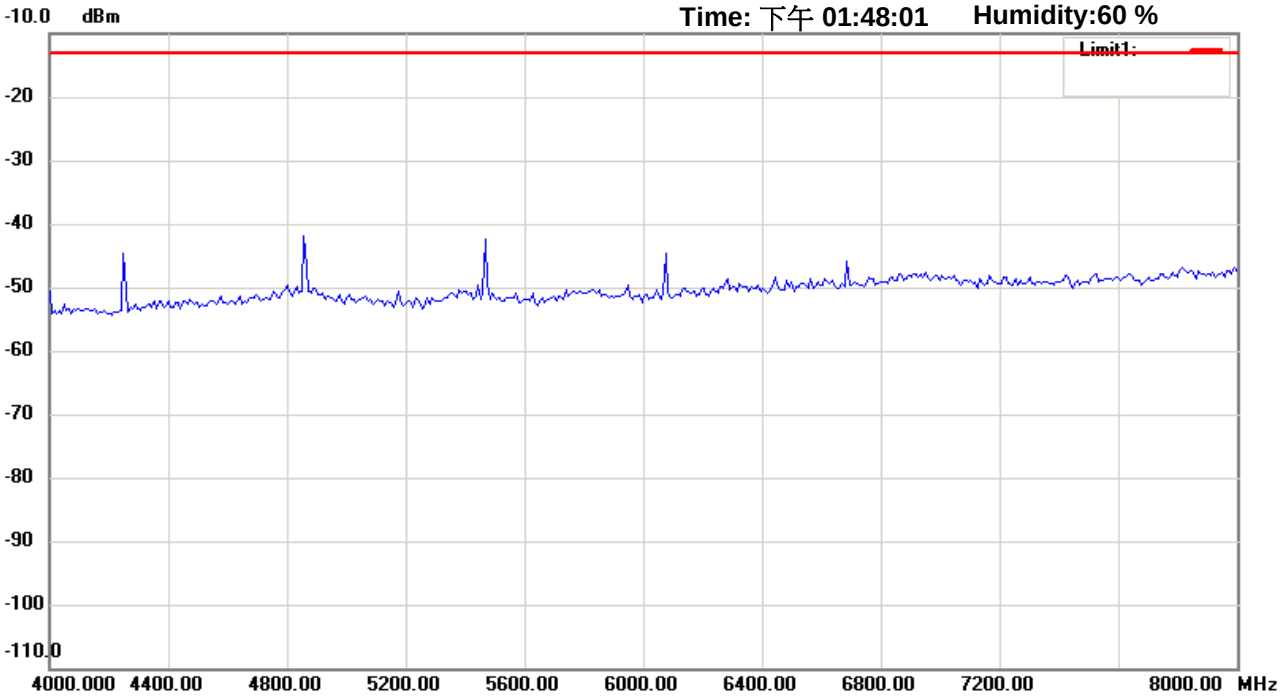
Radiated Emission Measurement

Operator: Kent

File :3 Data :#4 Date: 2015/1/14 Time: 下午 01:48:01

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 607.9 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

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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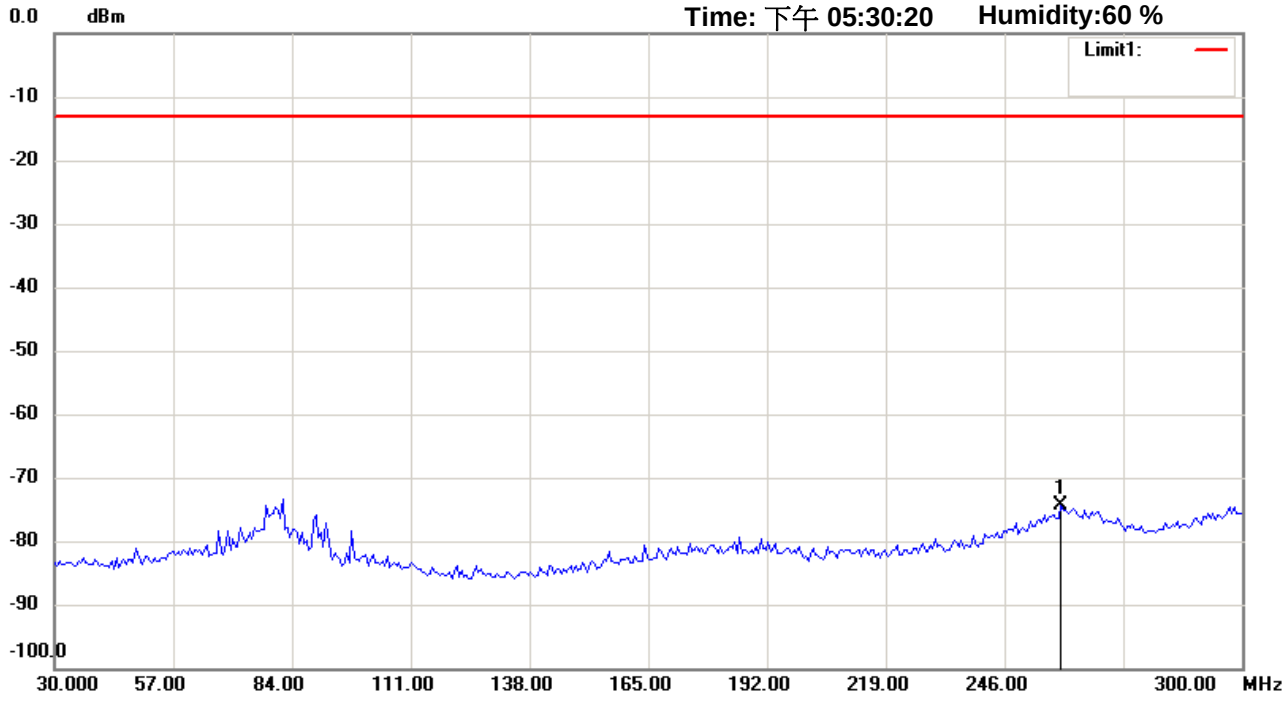
Radiated Emission Measurement

Operator: Robert

File :1 Data :#1 Date: 2015/1/19 Time: 下午 05:30:20 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	258.8778	-104.10	peak	29.65	-74.45	-13.00	150	290	-61.45	

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

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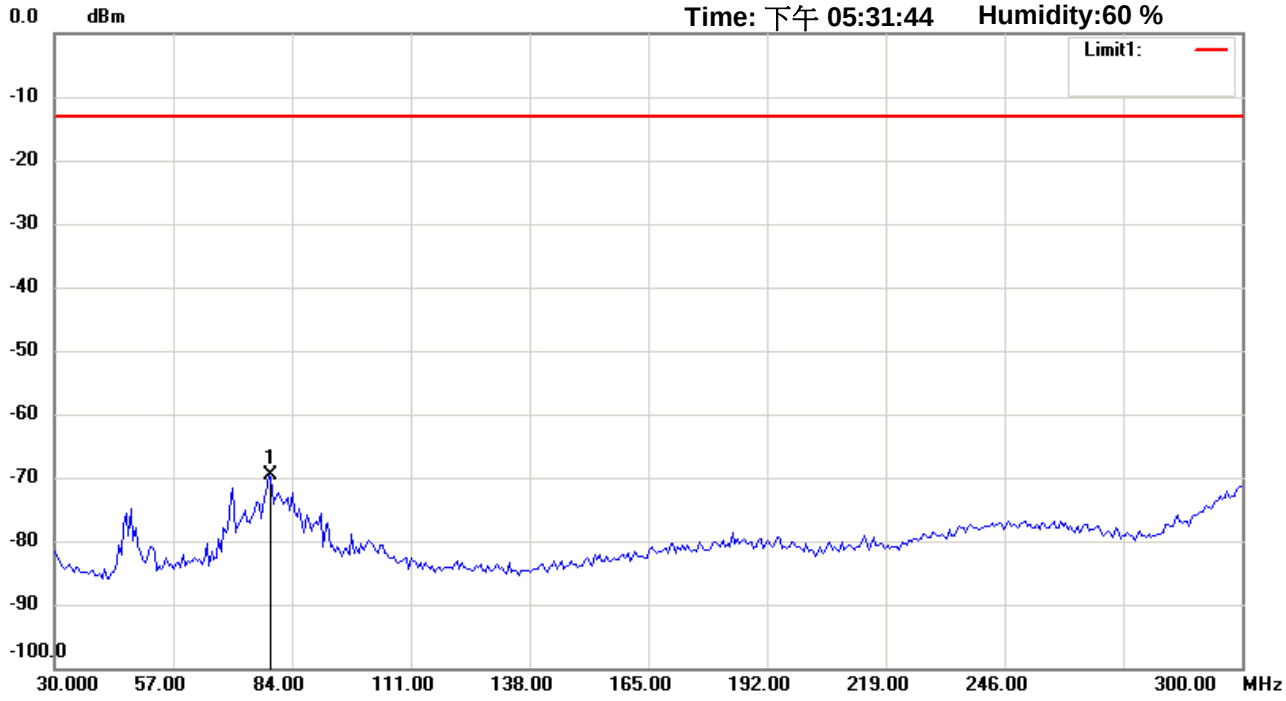
Radiated Emission Measurement

Operator: Robert

File :1 **Data :#2** **Date: 2015/1/19** **Time: 下午 05:31:44** **Temperature:24 ℃** **Humidity:60 %**



Site : Chamber

Condition : FCC 74.861 spurious emission

Polarization: *Vertical*

EUT : W6M21501-14749

Power : 1.5 Vd.c.

M/N:

Distance: 3m

Test Mode : 614.1MHz

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	78.6975	-92.77	peak	23.13	-69.64	-13.00	150	170	-56.64	

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

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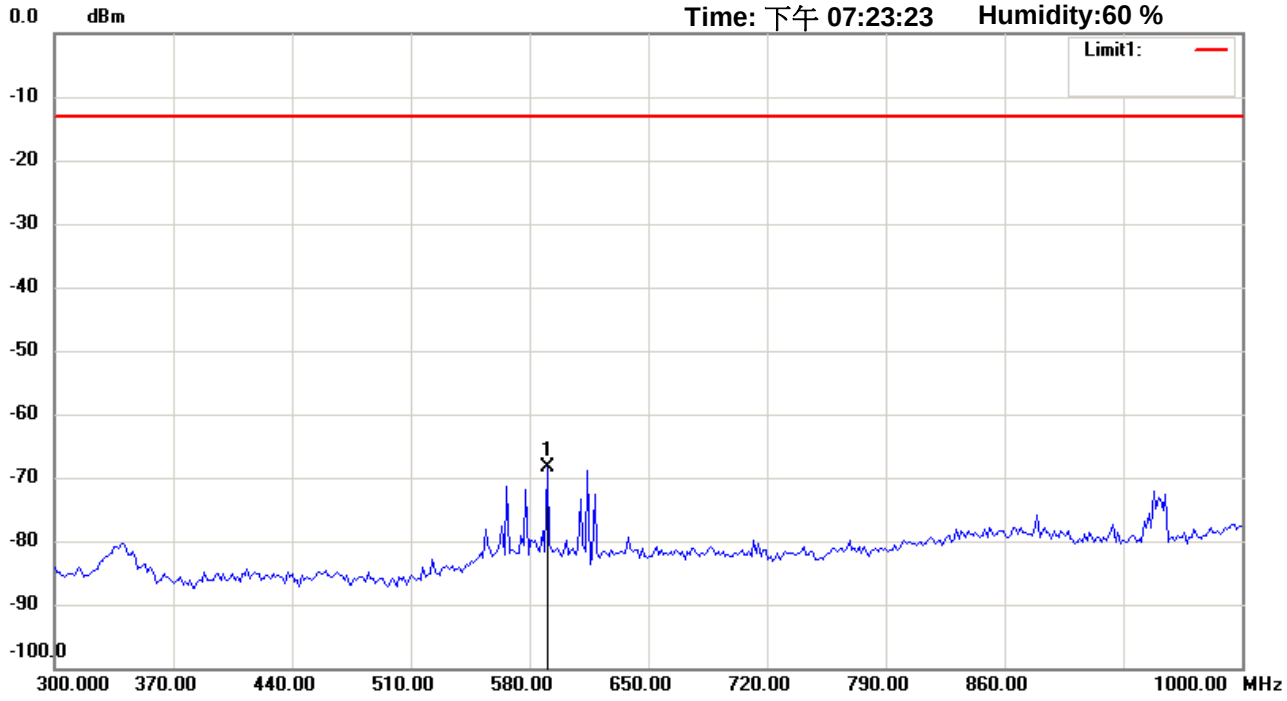
Radiated Emission Measurement

Operator: Robert

File :2 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 07:23:23 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	590.3808	-64.11	peak	-4.30	-68.41	-13.00	150	200	-55.41	

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

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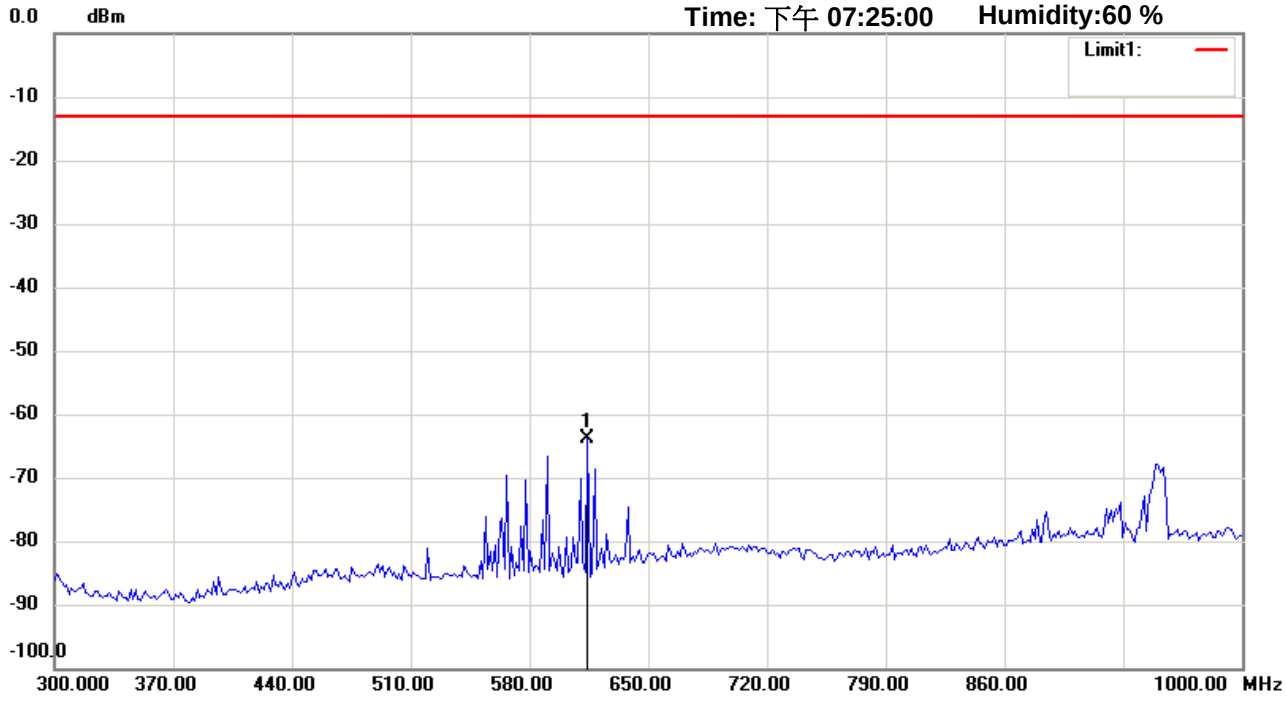
Radiated Emission Measurement

Operator: Robert

File :2 Data :#2 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 07:25:00 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	614.2285	-56.90	peak	-7.09	-63.99	-13.00	150	190	-50.99	

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

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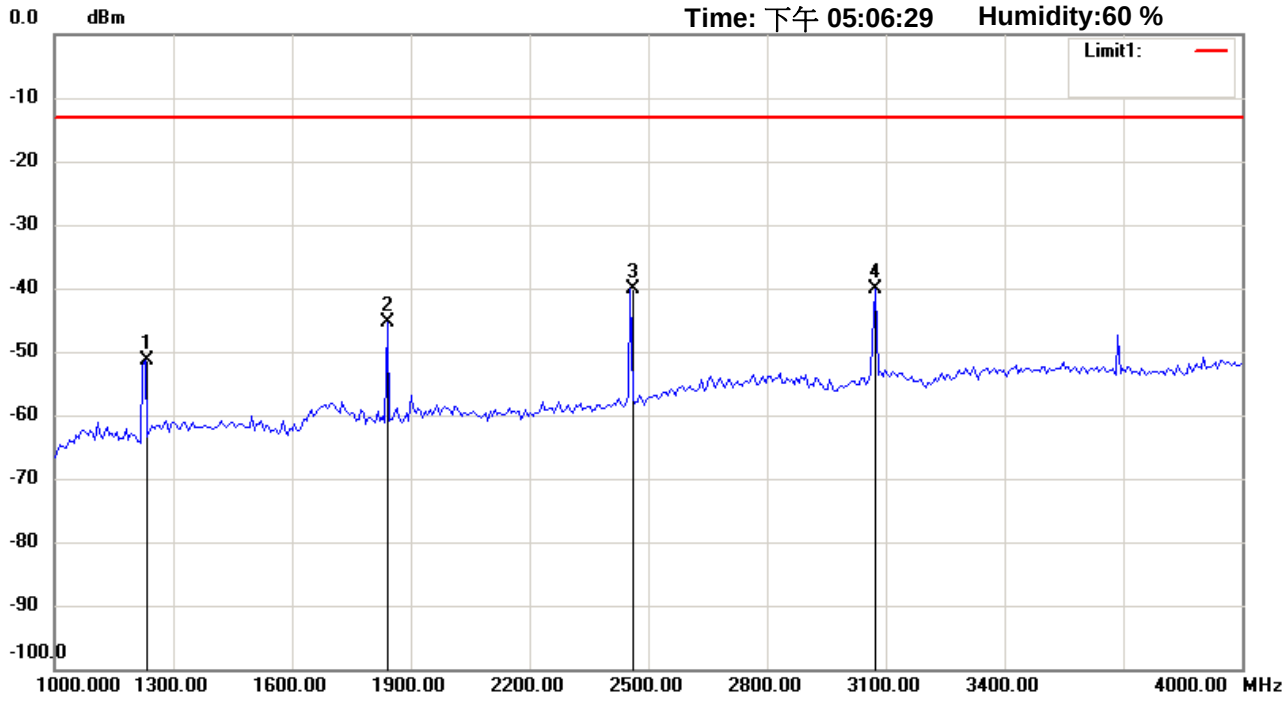
Radiated Emission Measurement

Operator: Robert

File :3 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 05:06:29 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1228.457	-50.70	peak	-0.65	-51.35	-13.00	150	200	-38.35	
	1841.683	-46.96	peak	1.69	-45.27	-13.00	150	190	-32.27	
*	2454.910	-44.57	peak	4.43	-40.14	-13.00	150	160	-27.14	
	3074.148	-48.62	peak	8.39	-40.23	-13.00	150	100	-27.23	

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

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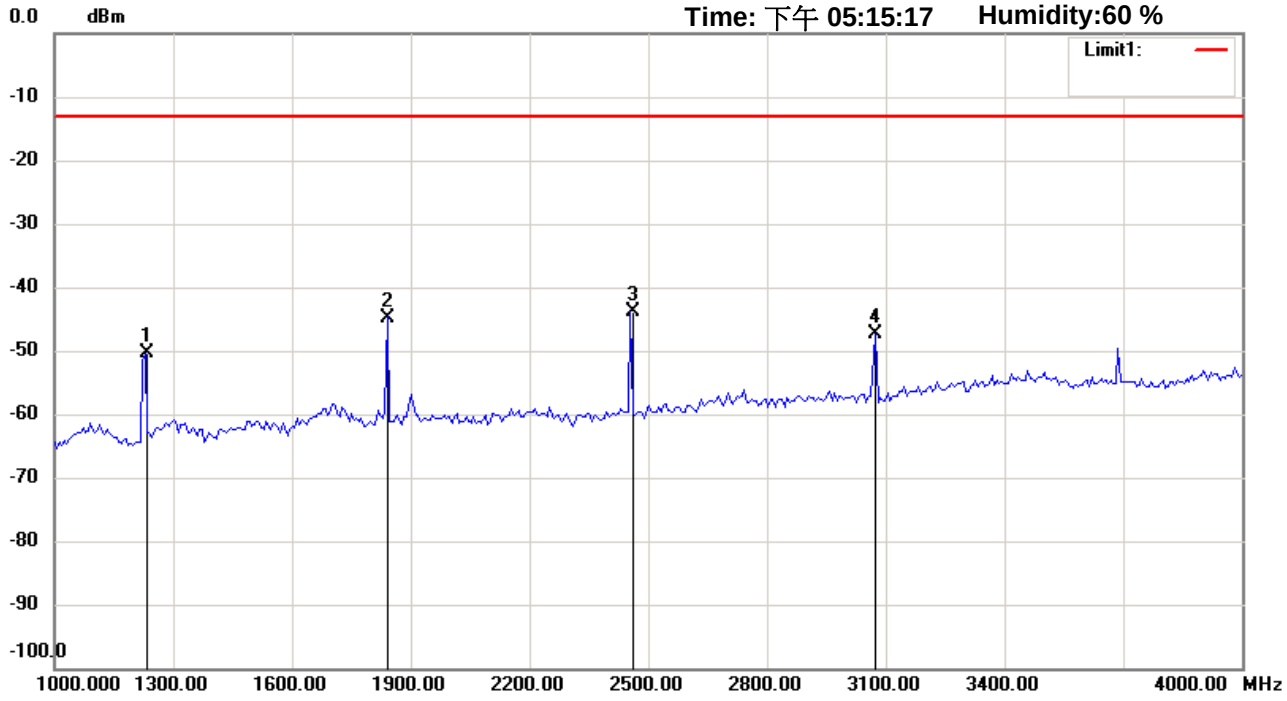
Radiated Emission Measurement

Operator: Robert

File :3 Data :#3 Date: 2015/1/19 Time: 下午 05:15:17

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1228.457	-49.18	peak	-1.31	-50.49	-13.00	150	290	-37.49	
	1841.683	-45.88	peak	1.13	-44.75	-13.00	150	200	-31.75	
*	2454.910	-46.45	peak	2.46	-43.99	-13.00	150	180	-30.99	
	3074.148	-52.25	peak	4.86	-47.39	-13.00	150	110	-34.39	

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

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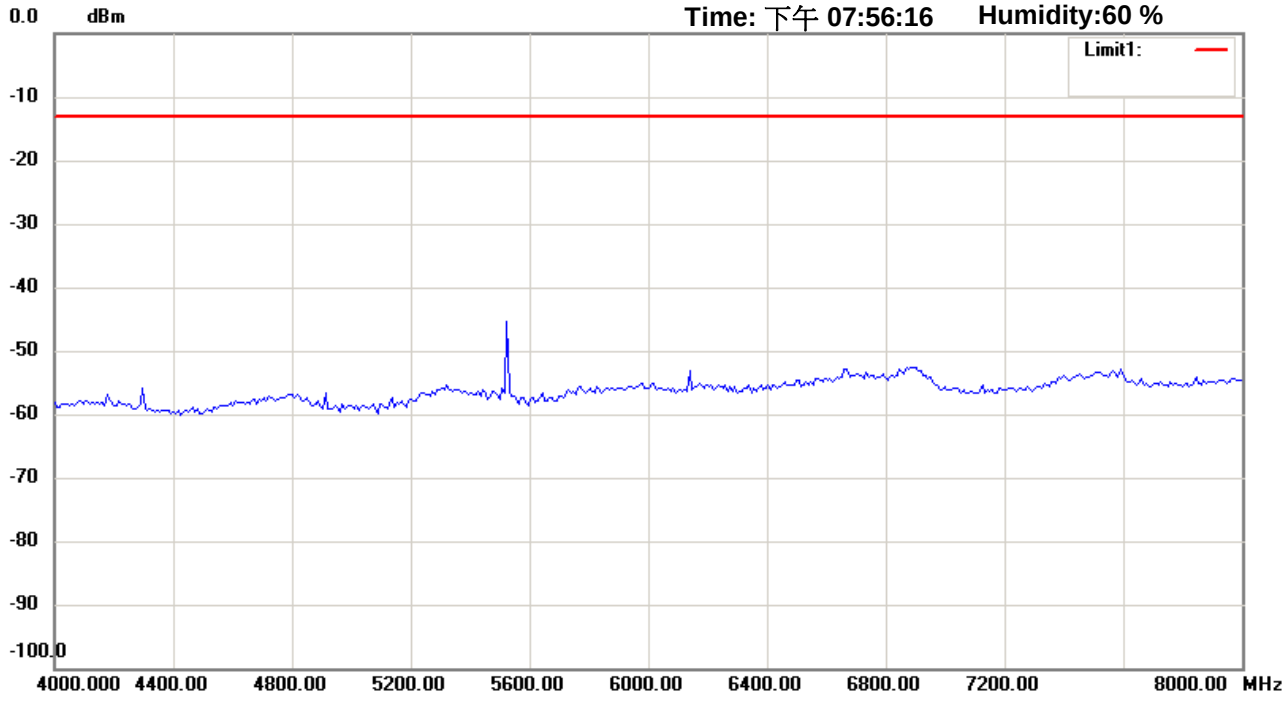
Radiated Emission Measurement

Operator: Robert

File :3 Data :#2 Date: 2015/1/19 Time: 下午 07:56:16

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

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

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

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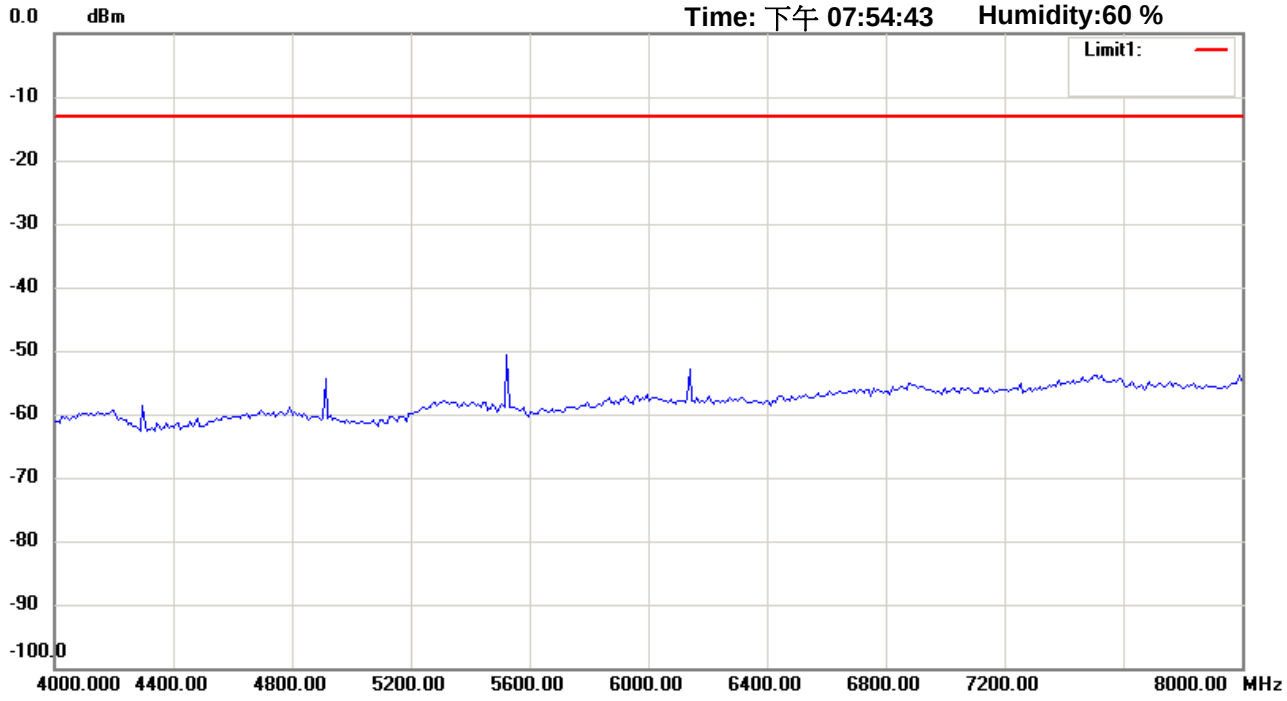
Radiated Emission Measurement

Operator: Robert

File :3 Data :#4 Date: 2015/1/19 Time: 下午 07:54:43

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

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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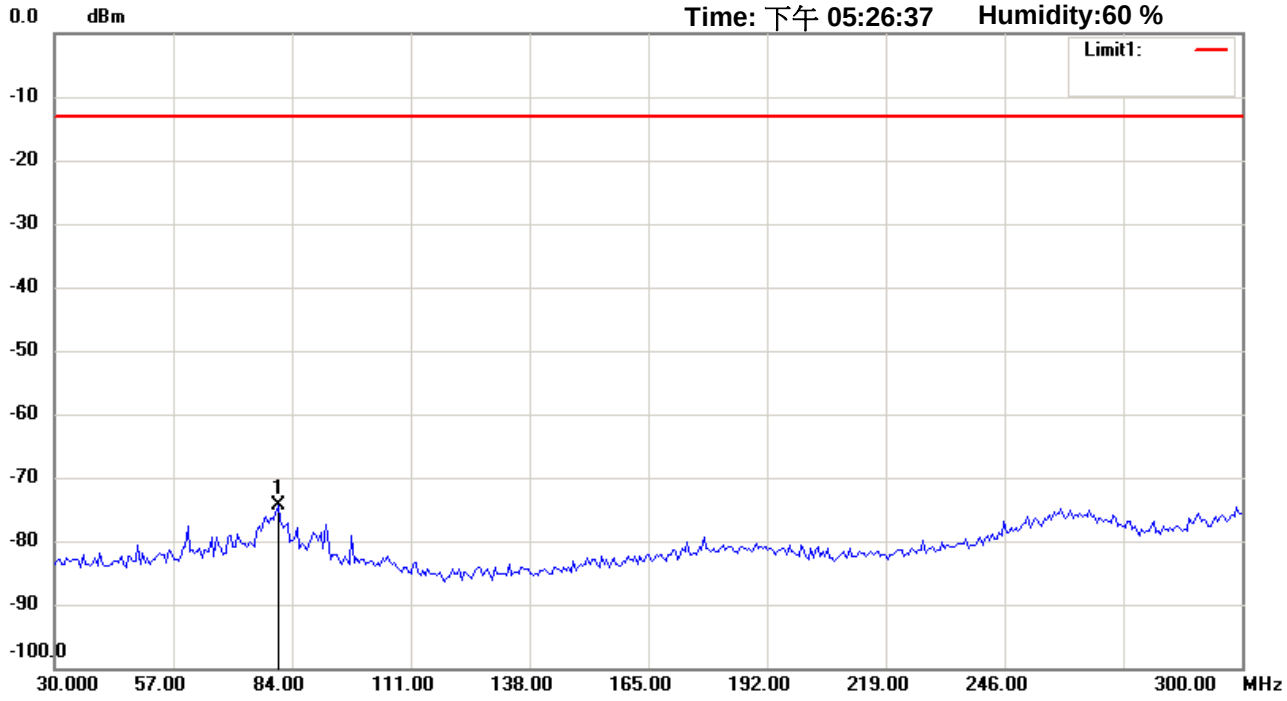
Radiated Emission Measurement

Operator: Robert

File :1 Data :#1 Date: 2015/1/19 Time: 下午 05:26:37 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	80.8617	-97.81	peak	23.53	-74.28	-13.00	150	280	-61.28	

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

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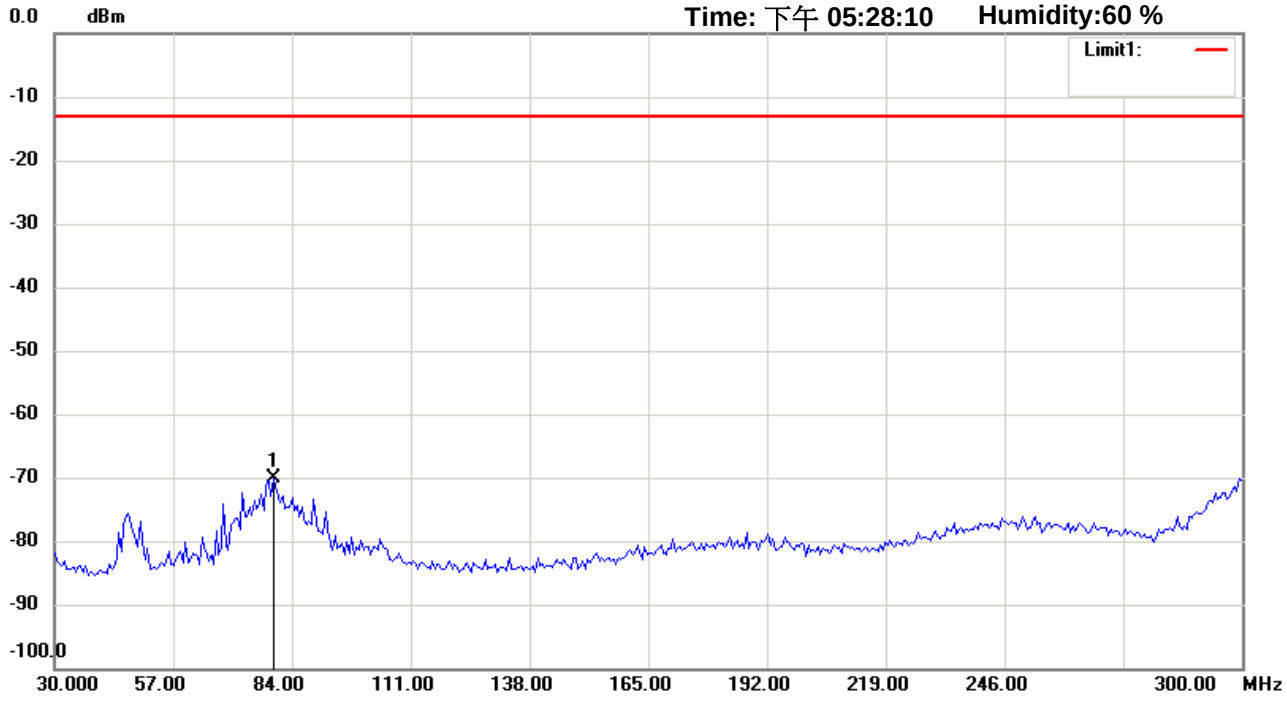
Radiated Emission Measurement

Operator: Robert

File :1 Data :#2 Date: 2015/1/19 Time: 下午 05:28:10 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	79.7796	-93.45	peak	23.35	-70.10	-13.00	150	190	-57.10	

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

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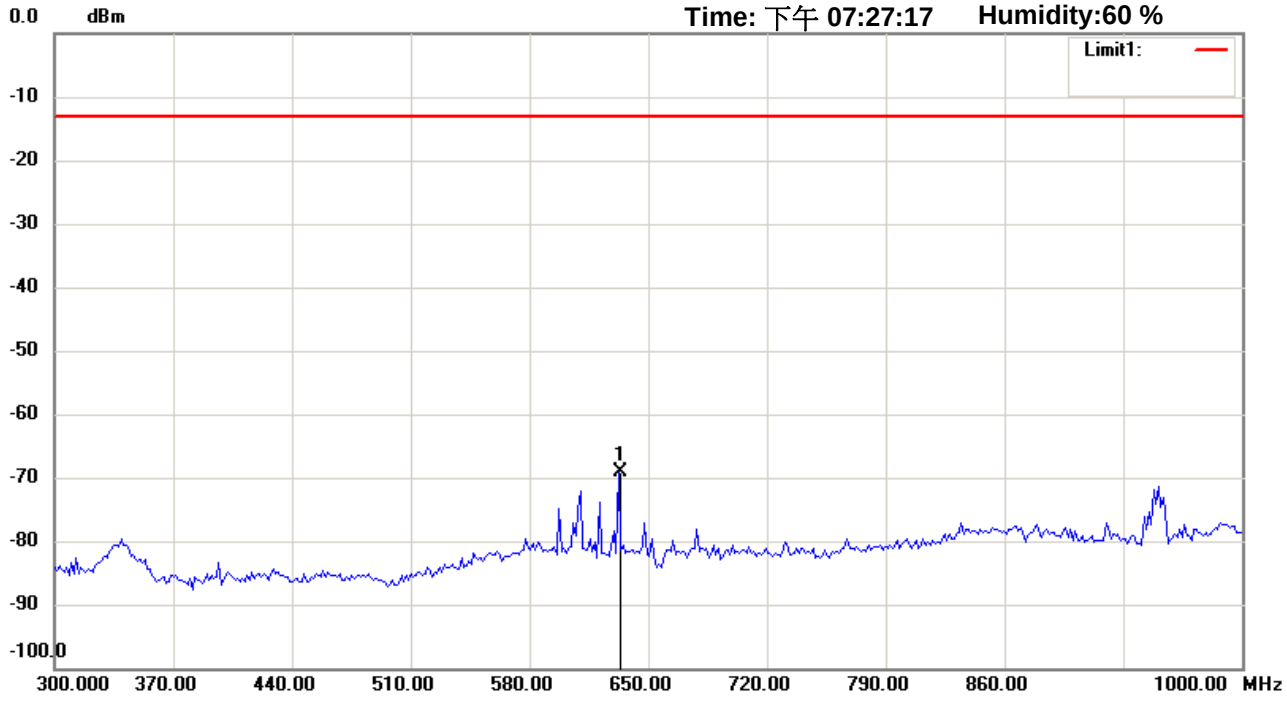
Radiated Emission Measurement

Operator: Robert

File :2 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 07:27:17 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	632.4650	-64.70	peak	-4.37	-69.07	-13.00	150	280	-56.07	

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

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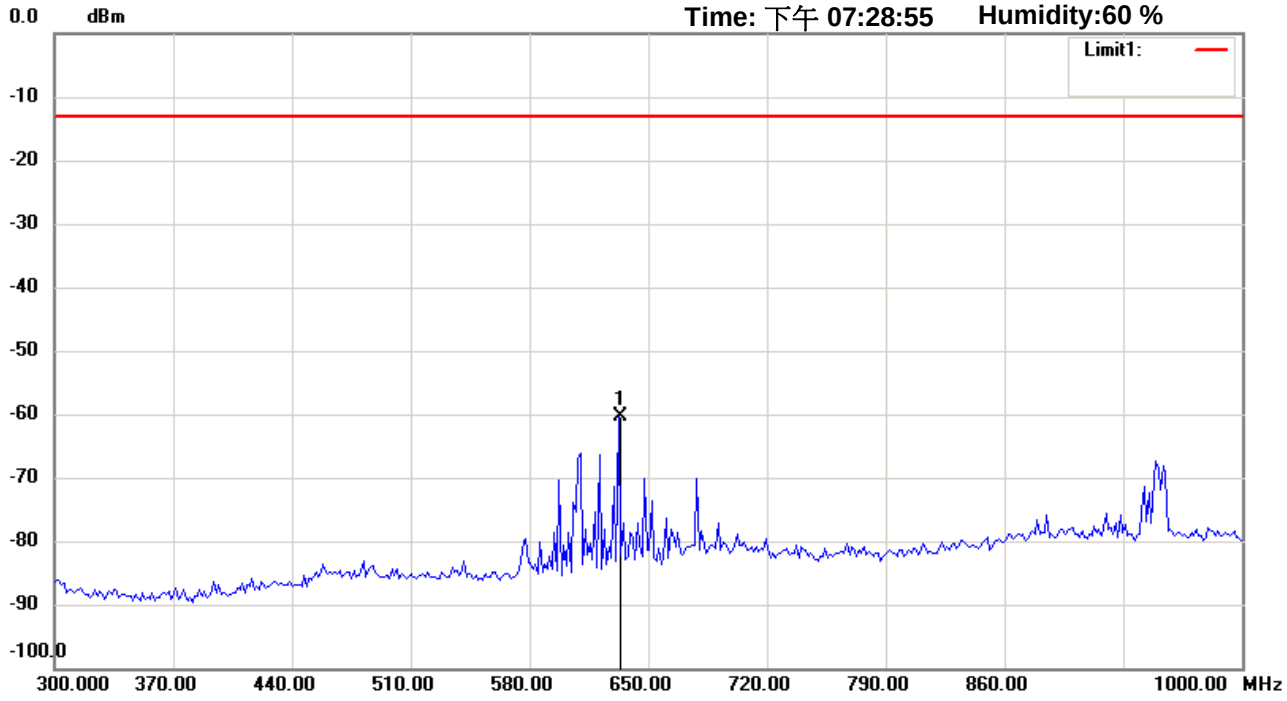
Radiated Emission Measurement

Operator: Robert

File :2 Data :#2 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 07:28:55 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	632.4650	-54.41	peak	-5.96	-60.37	-13.00	150	240	-47.37	

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

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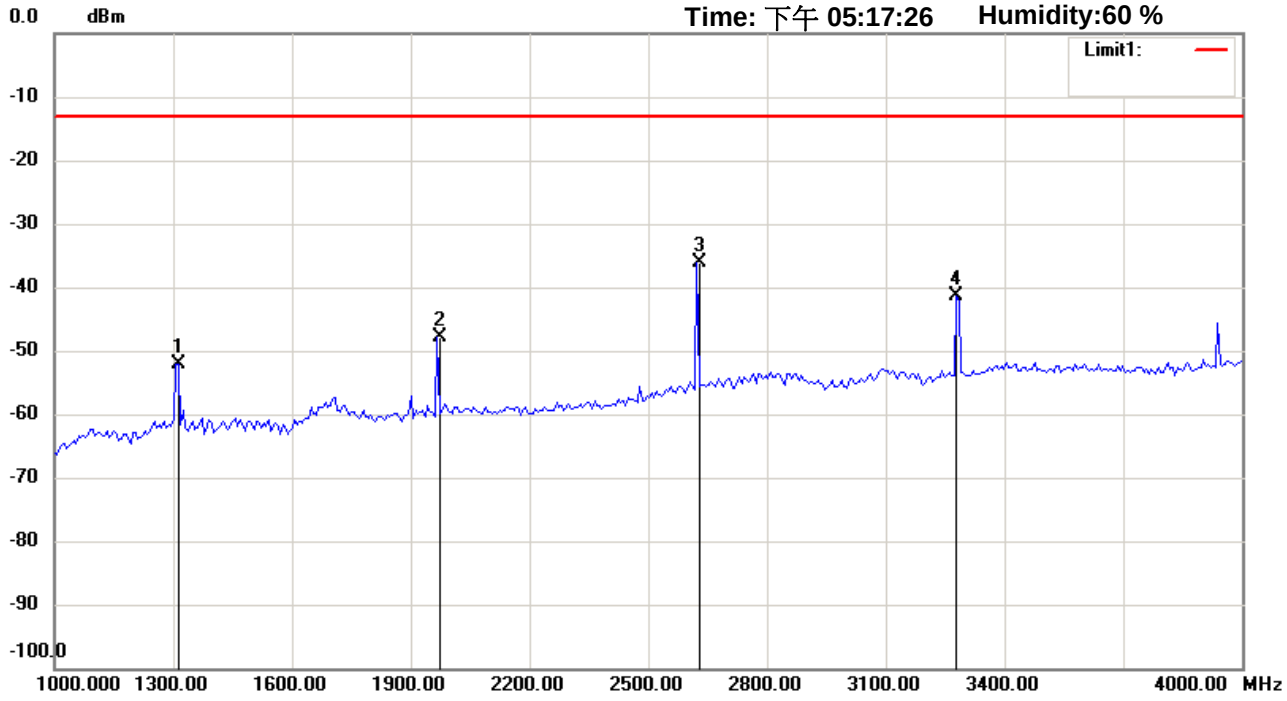
Radiated Emission Measurement

Operator: Robert

File :3 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 05:17:26 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1312.625	-53.02	peak	0.88	-52.14	-13.00	150	100	-39.14	
	1967.936	-50.73	peak	2.77	-47.96	-13.00	150	280	-34.96	
*	2623.247	-43.34	peak	7.27	-36.07	-13.00	150	190	-23.07	
	3278.557	-50.15	peak	8.83	-41.32	-13.00	150	200	-28.32	

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

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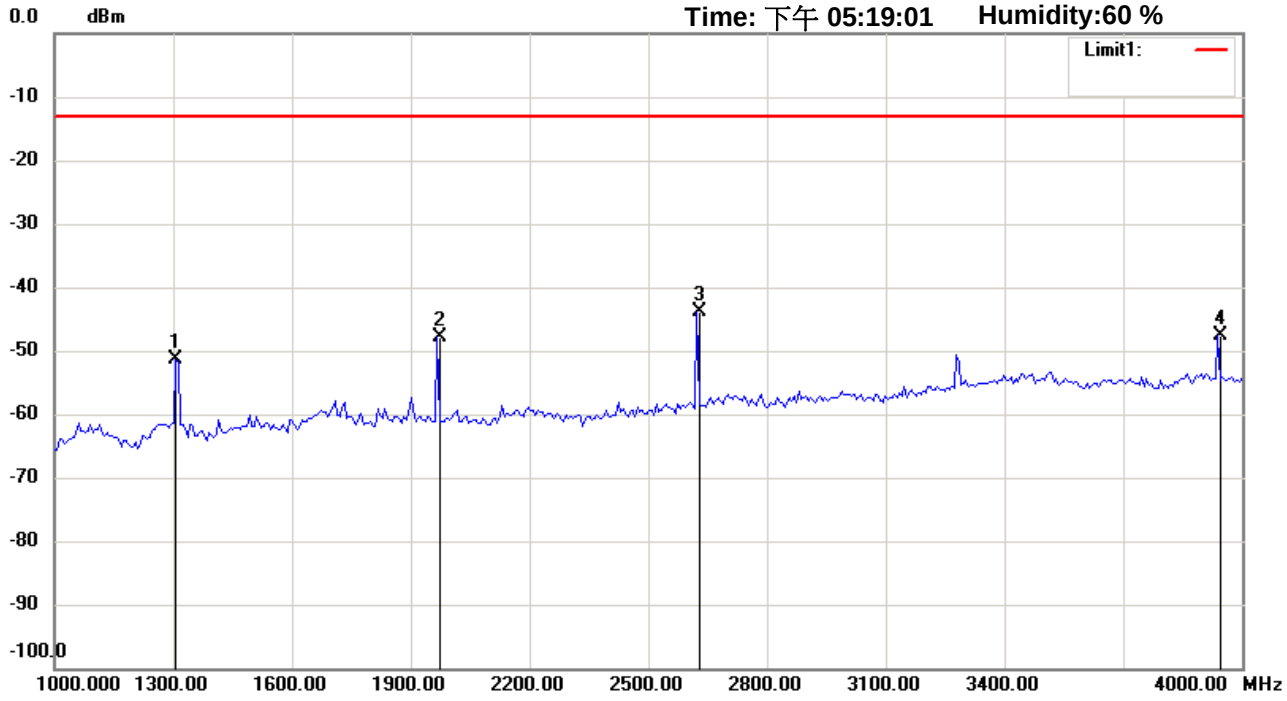
Radiated Emission Measurement

Operator: Robert

File :3 Data :#3 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 05:19:01 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1306.613	-52.43	peak	1.03	-51.40	-13.00	150	250	-38.40	
	1967.936	-49.31	peak	1.55	-47.76	-13.00	150	30	-34.76	
*	2623.247	-48.18	peak	4.21	-43.97	-13.00	150	190	-30.97	
	3939.880	-56.75	peak	9.05	-47.70	-13.00	150	270	-34.70	

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

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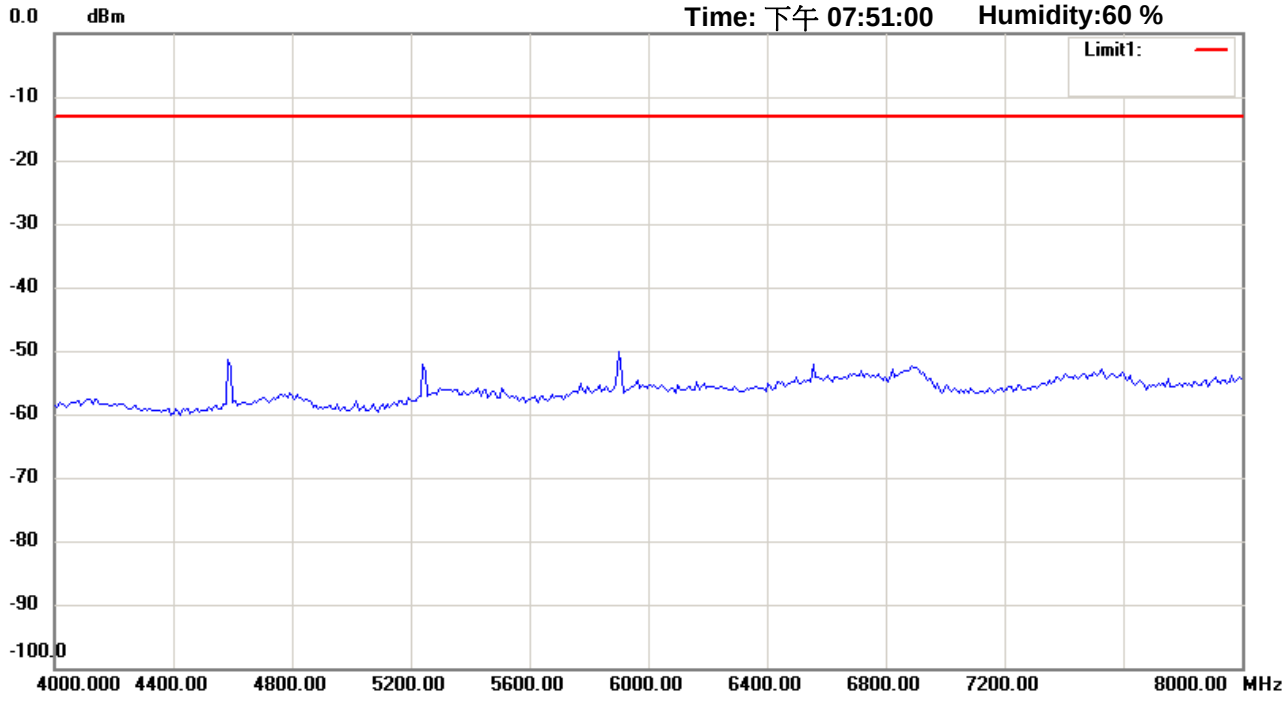
Radiated Emission Measurement

Operator: Robert

File :3 Data :#2 Date: 2015/1/19 Time: 下午 07:51:00 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

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

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

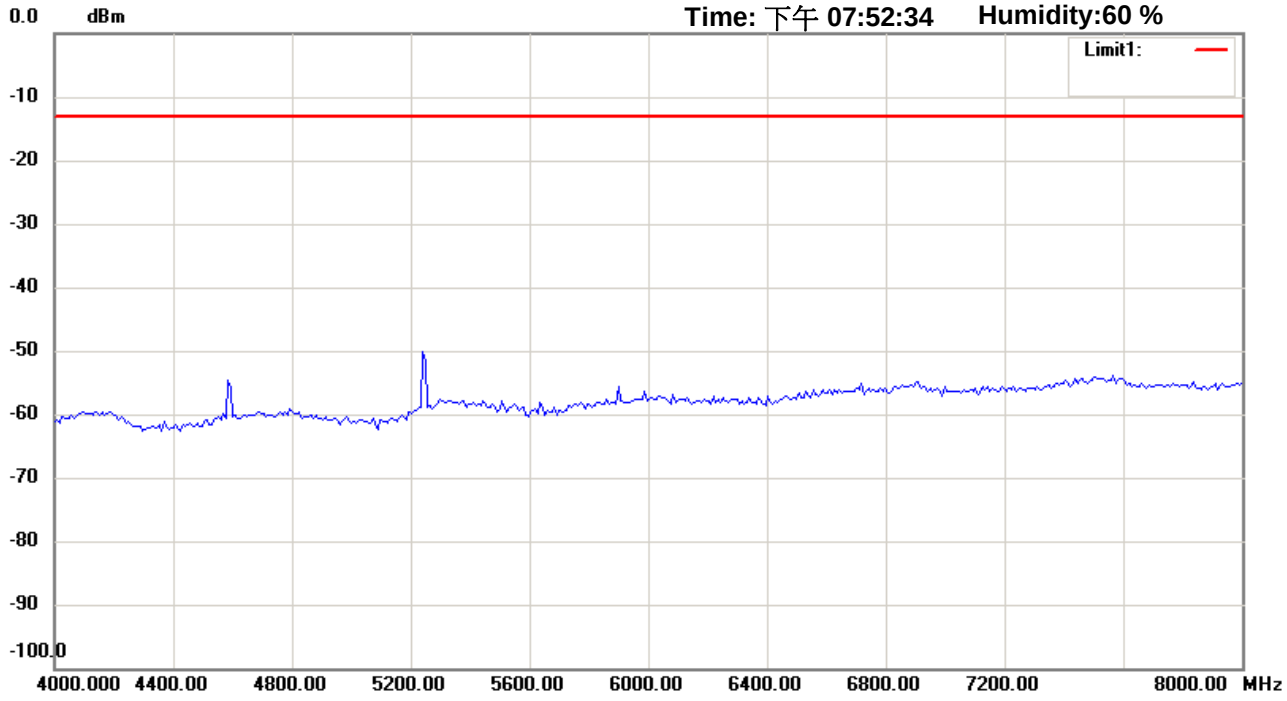
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :3 Data :#4 Date: 2015/1/19 Time: 下午 07:52:34

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

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

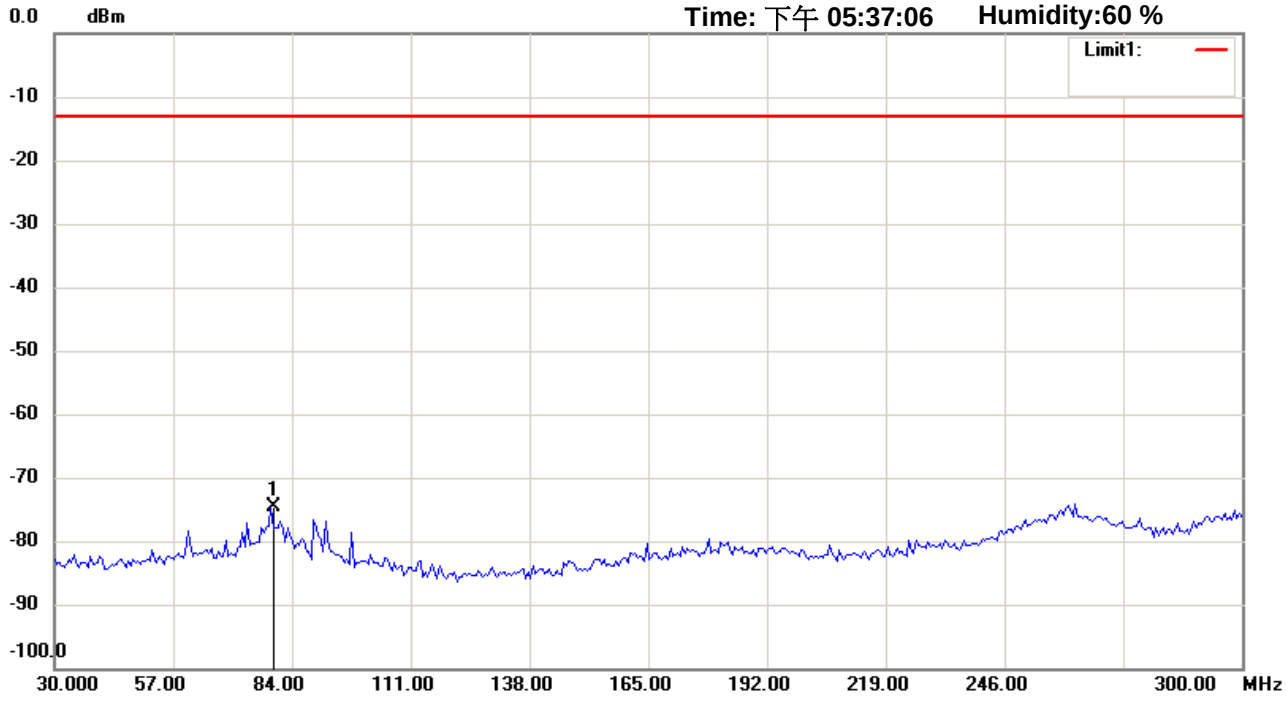
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Robert

File :1 Data :#2 Date: 2015/1/19 Time: 下午 05:37:06 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	79.2386	-98.23	peak	23.51	-74.72	-13.00	150	270	-61.72	

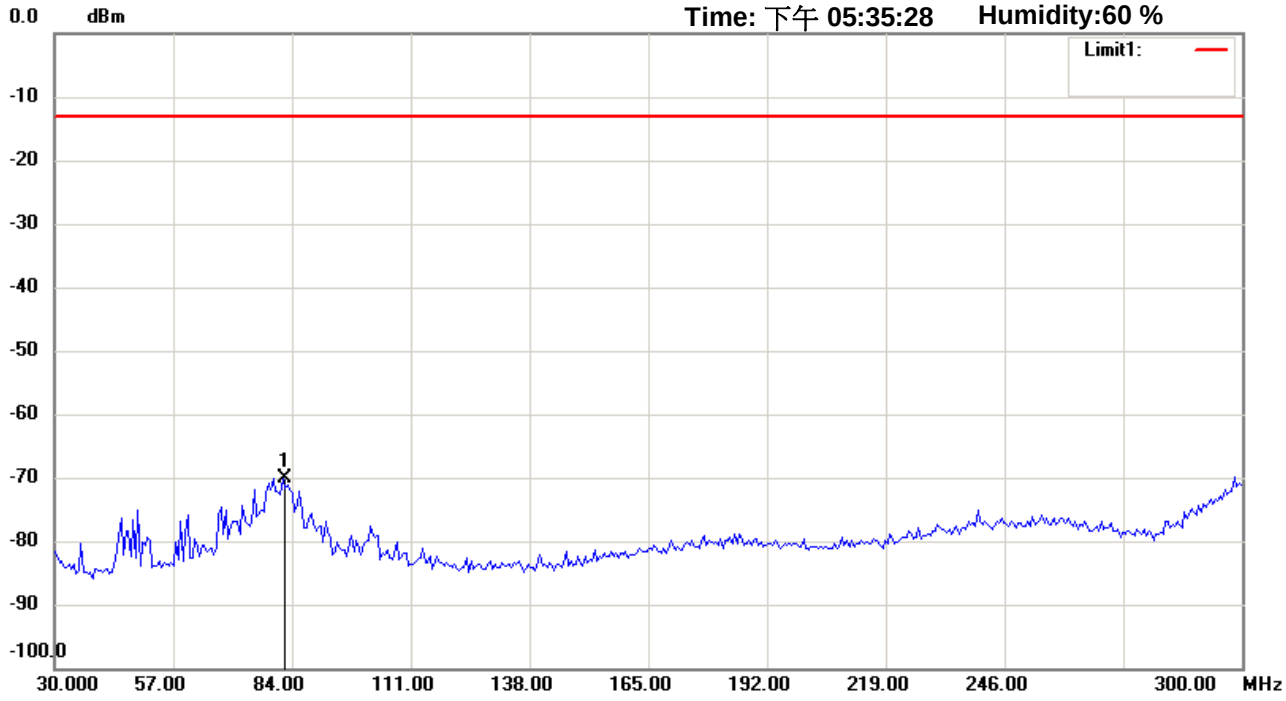
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Robert

File :1 Data :#1 Date: 2015/1/19 Time: 下午 05:35:28 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	81.9440	-93.37	peak	23.29	-70.08	-13.00	150	190	-57.08	

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

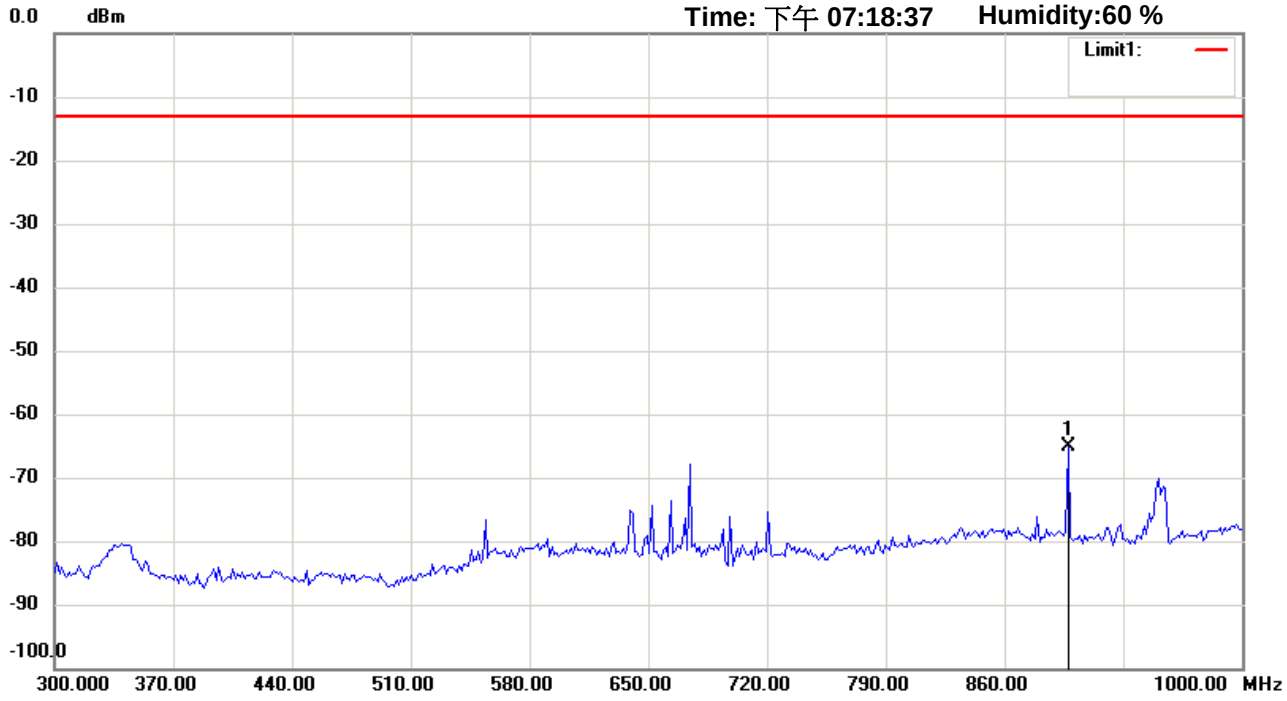
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :2 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 07:18:37 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	897.5952	-62.68	peak	-2.44	-65.12	-13.00	150	240	-52.12	

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

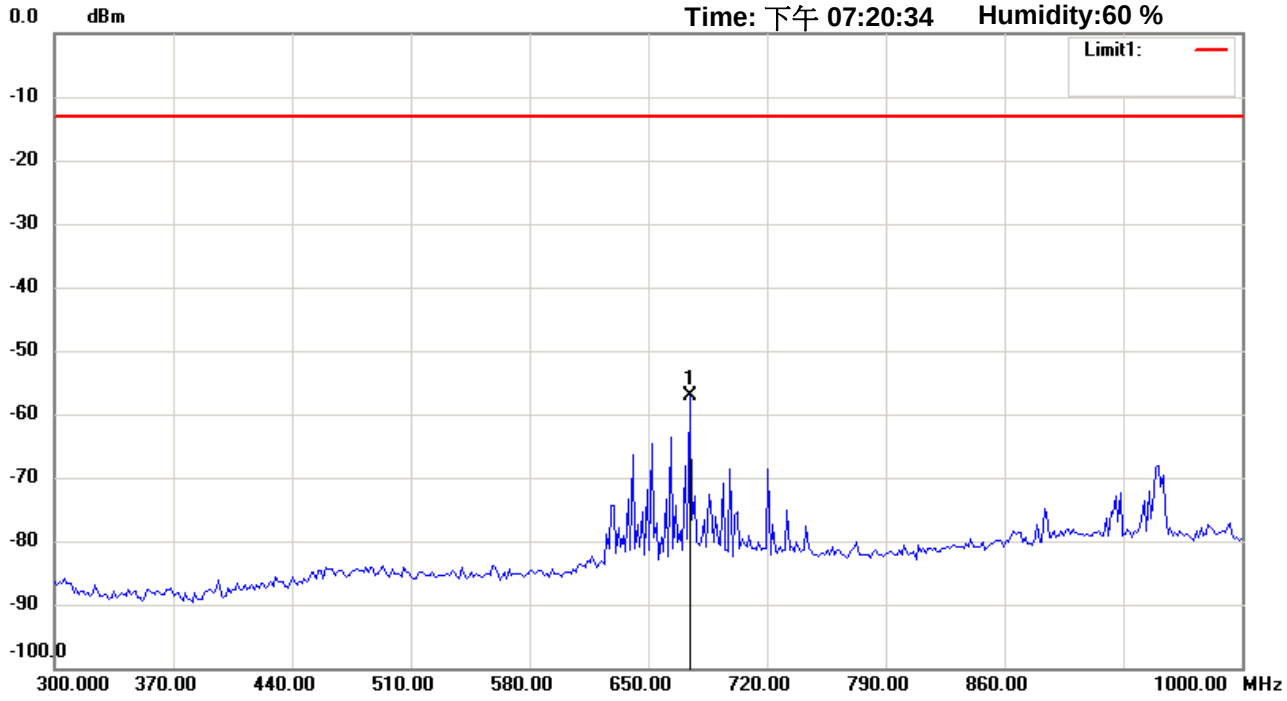
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :2 Data :#2 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 07:20:34 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	674.5490	-53.01	peak	-4.21	-57.22	-13.00	150	240	-44.22	

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

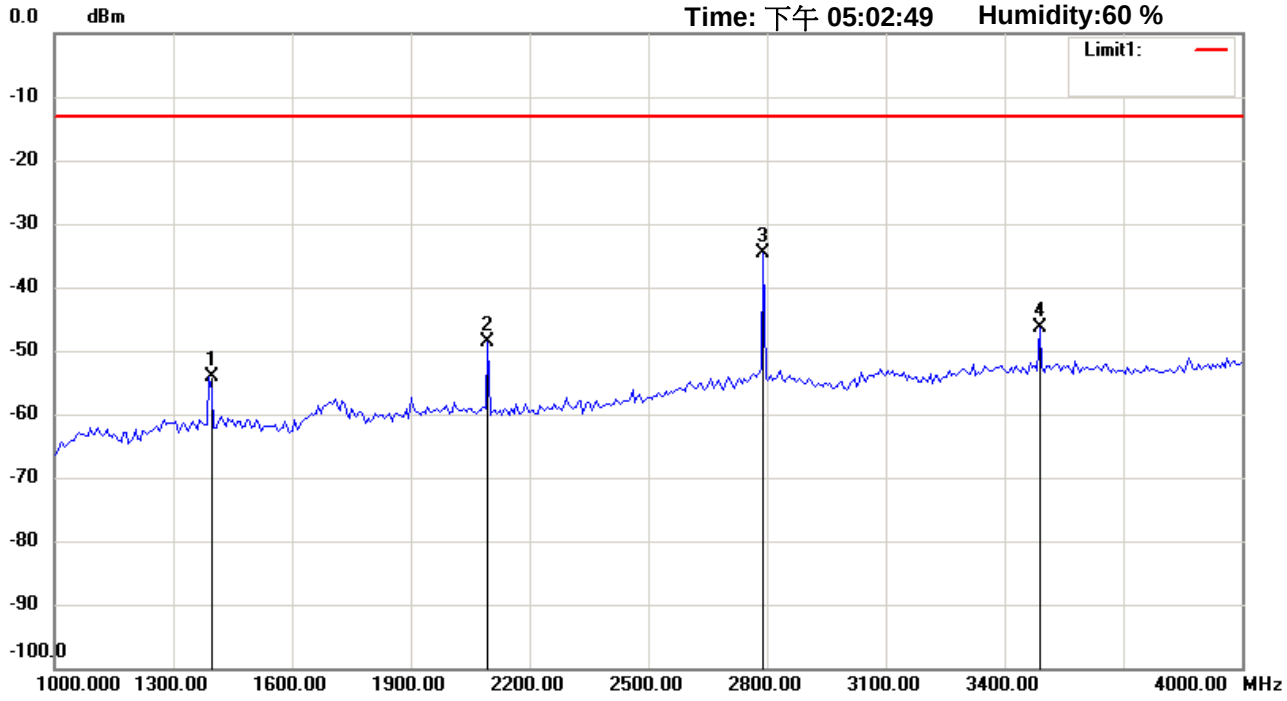
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :3 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 05:02:49 Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1390.782	-54.66	peak	0.44	-54.22	-13.00	150	190	-41.22	
	2094.188	-50.86	peak	2.28	-48.58	-13.00	150	160	-35.58	
*	2791.583	-42.93	peak	8.26	-34.67	-13.00	150	100	-21.67	
	3488.978	-56.02	peak	9.60	-46.42	-13.00	150	270	-33.42	

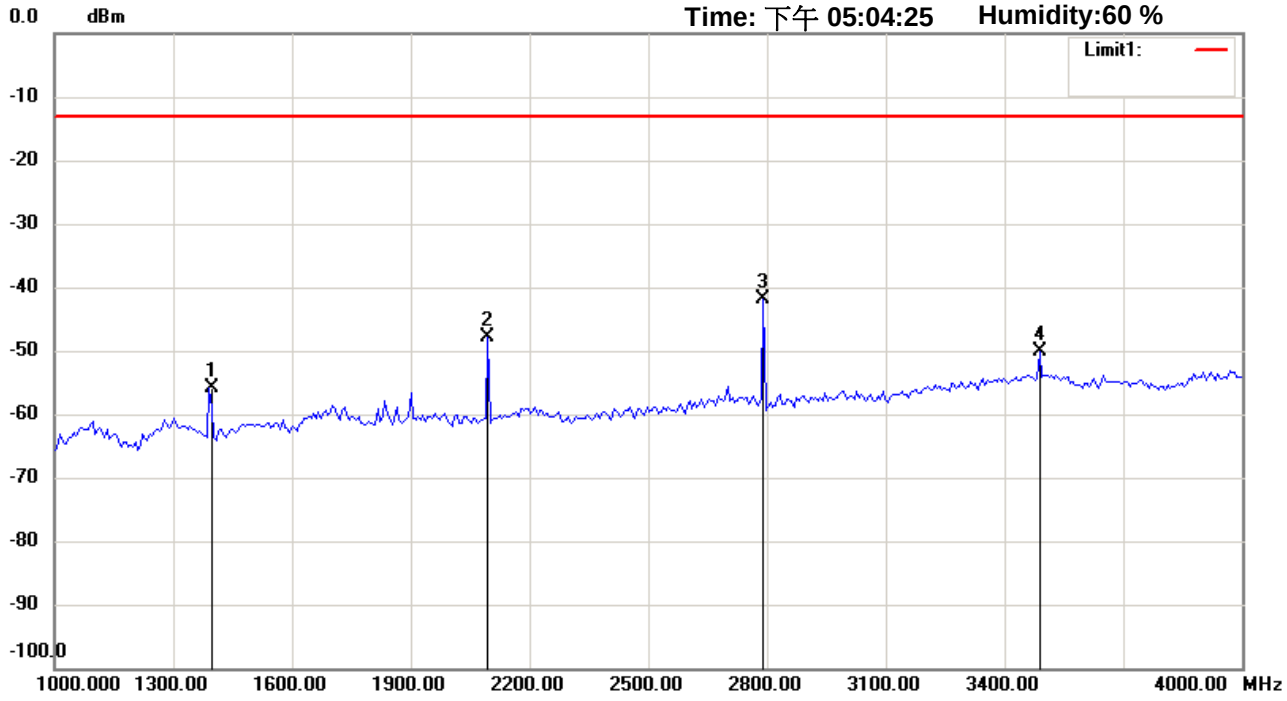
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Robert

File :3 Data :#3 Date: 2015/1/19 Time: 下午 05:04:25 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1390.782	-54.85	peak	-0.99	-55.84	-13.00	150	260	-42.84	
	2094.188	-49.05	peak	1.07	-47.98	-13.00	150	150	-34.98	
*	2791.583	-45.75	peak	3.91	-41.84	-13.00	150	140	-28.84	
	3488.978	-58.28	peak	8.26	-50.02	-13.00	150	190	-37.02	

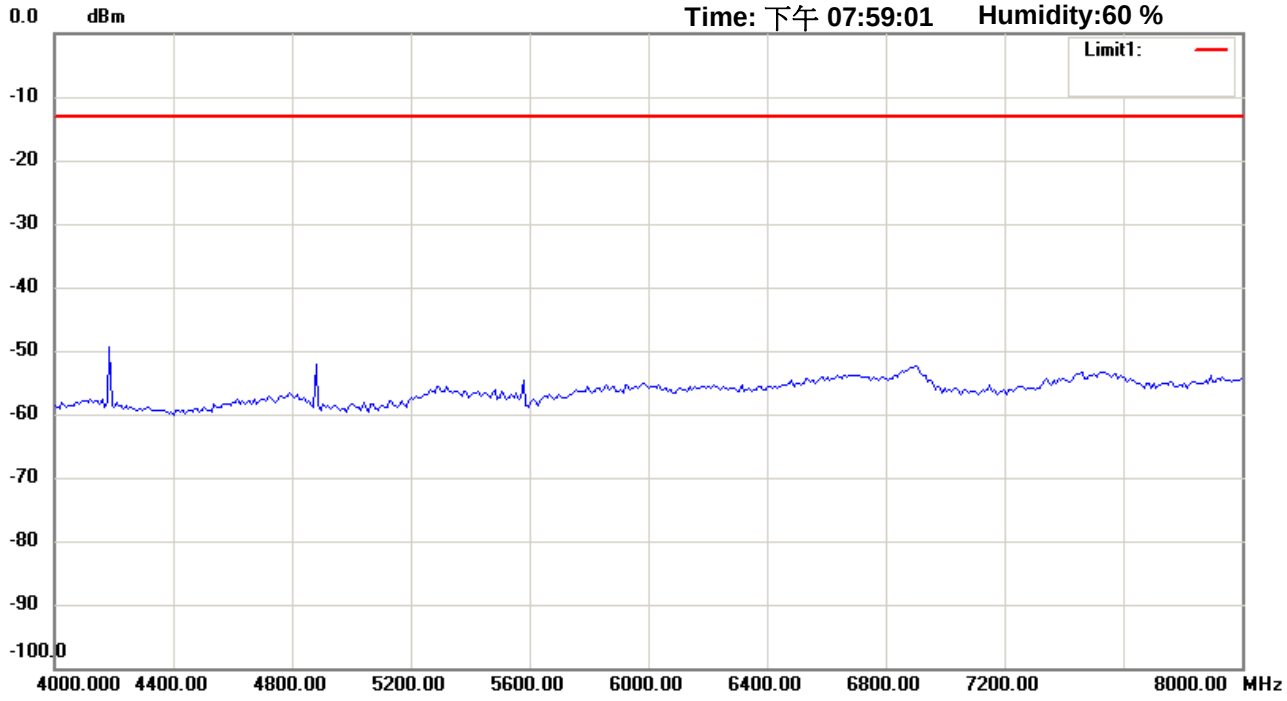
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Robert

File :3 Data :#2 Date: 2015/1/19 Time: 下午 07:59:01 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

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

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

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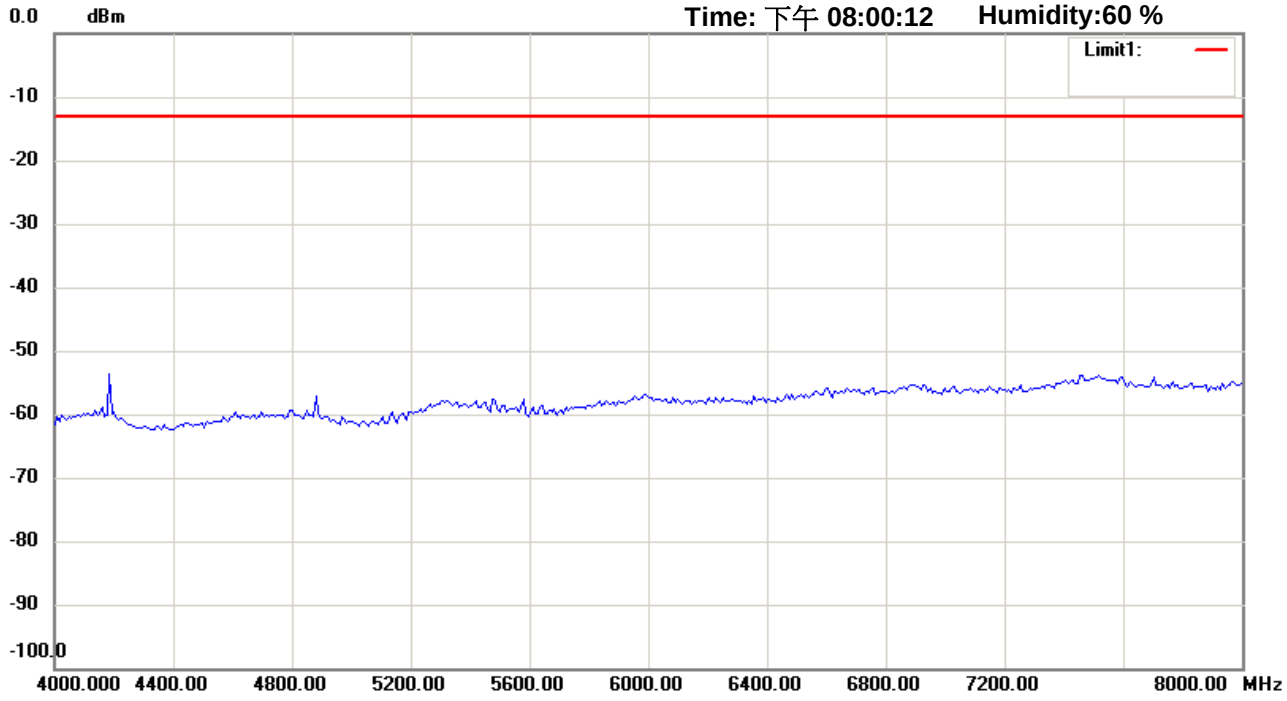
Radiated Emission Measurement

Operator: Robert

File :3 Data :#4 Date: 2015/1/19 Time: 下午 08:00:12 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : FCC 74.861 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

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

Registration number: W6M21501-14749-C-1
FCC ID: CINMT-U8
IC: 3563A-MTU8

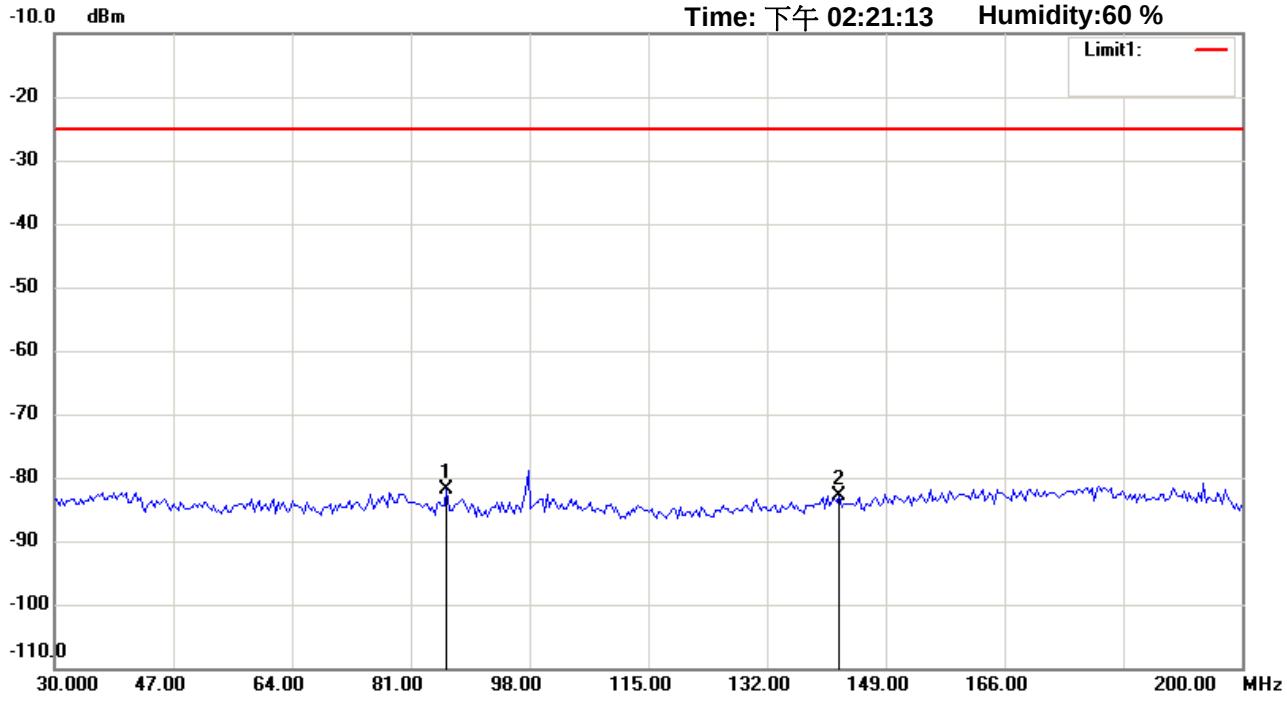
Radiation Spurious Emission-According to IC RSS-210

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: 2015/1/14 Time: 下午 02:21:13 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	86.2124	-103.23	peak	21.25	-81.98	-25.00	150	245	-56.98	
	142.4248	-104.02	peak	21.23	-82.79	-25.00	150	80	-57.79	

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

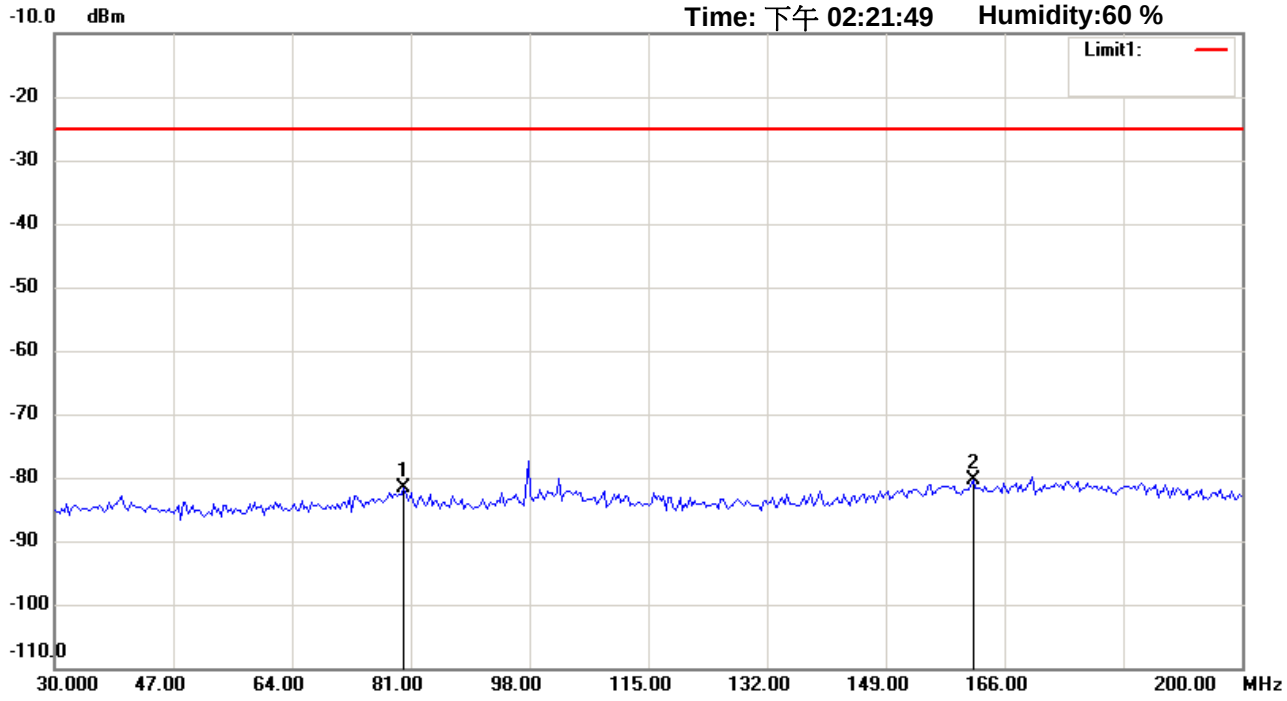
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :1 Data :#2 Date: 2015/1/14 Time: 下午 02:21:49

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	80.0802	-103.68	peak	22.08	-81.60	-25.00	150	145	-56.60	
*	161.5030	-103.55	peak	23.11	-80.44	-25.00	150	195	-55.44	

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

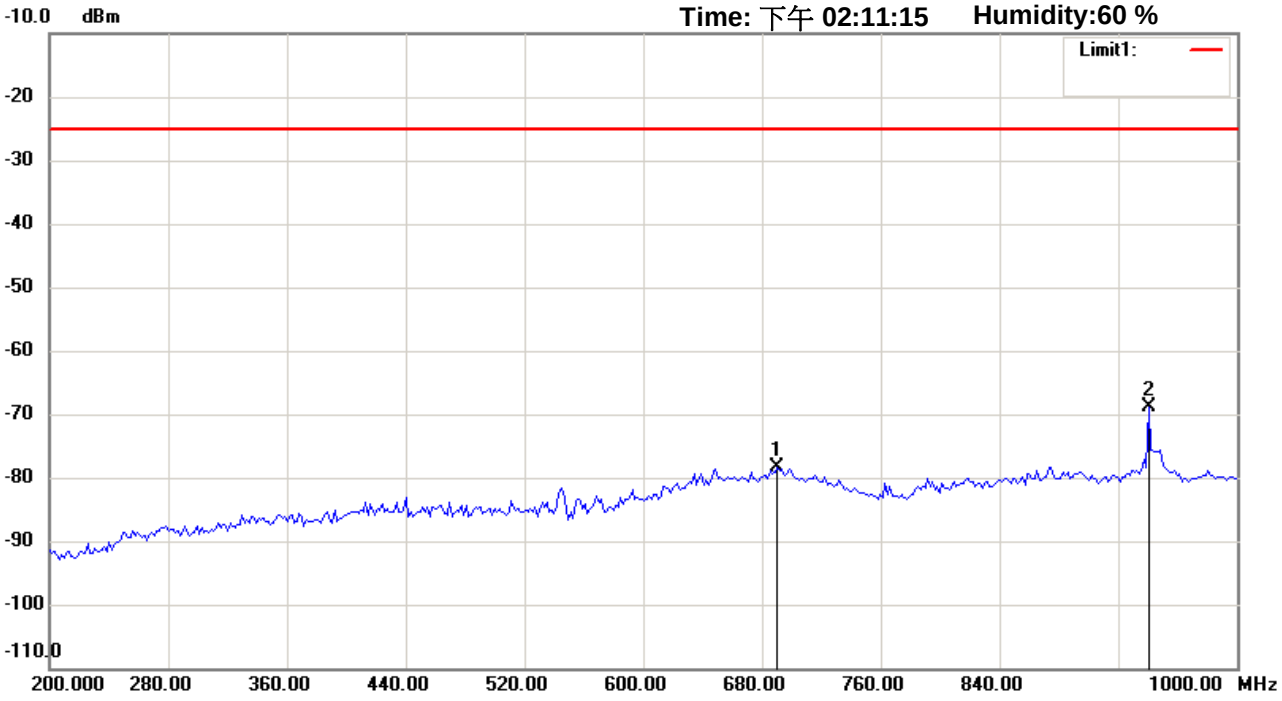
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :2 Data :#1 Date: 2015/1/14 Temperature:24 ℃

Time: 下午 02:11:15 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	690.5811	-76.12	peak	-2.33	-78.45	-25.00	150	195	-53.45	
*	940.6814	-66.80	peak	-1.98	-68.78	-25.00	150	245	-43.78	

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

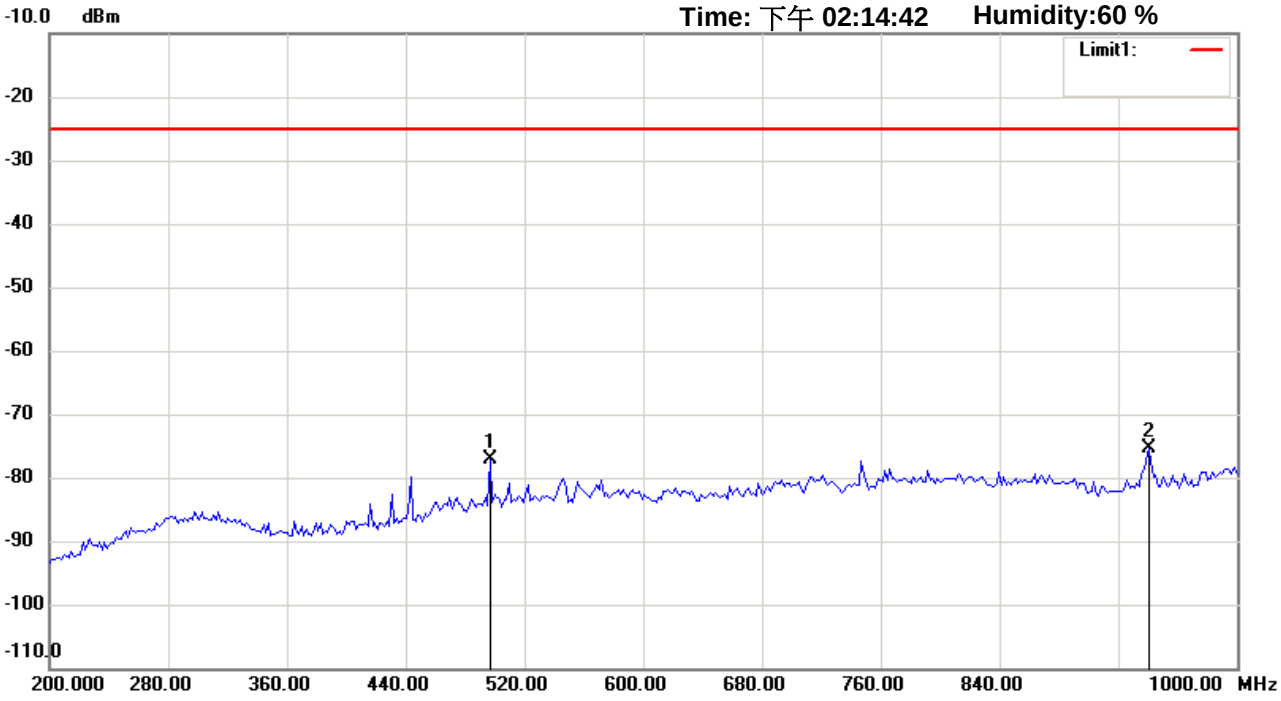
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :2 Data :#2 Date: 2015/1/14 Temperature:24 ℃

Time: 下午 02:14:42 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

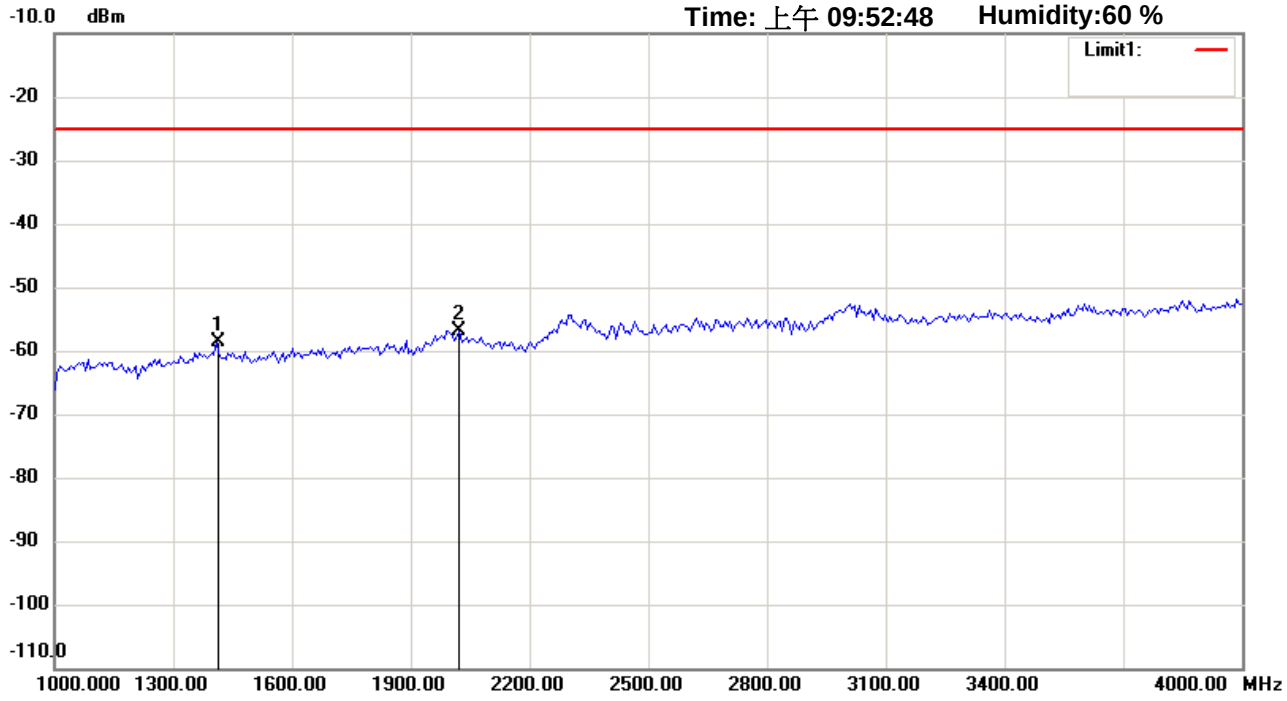
Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	496.5932	-69.49	peak	-7.52	-77.01	-25.00	150	220	-52.01	
*	940.6814	-71.70	peak	-3.71	-75.41	-25.00	150	175	-50.41	

*: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 :#1 Date: 2015/1/14 Temperature:24 ℃
Time: 上午 09:52:48 Humidity:60 %



Site : Chamber
Condition : IC RSS-210 spurious emission
EUT : W6M21501-14749
M/N:
Test Mode : TX 470.1 MHZ
Note :

Polarization: *Horizontal*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1408.818	-59.60	peak	0.99	-58.61	-25.00	150	220	-33.61	
*	2022.044	-60.56	peak	3.76	-56.80	-25.00	150	185	-31.80	

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

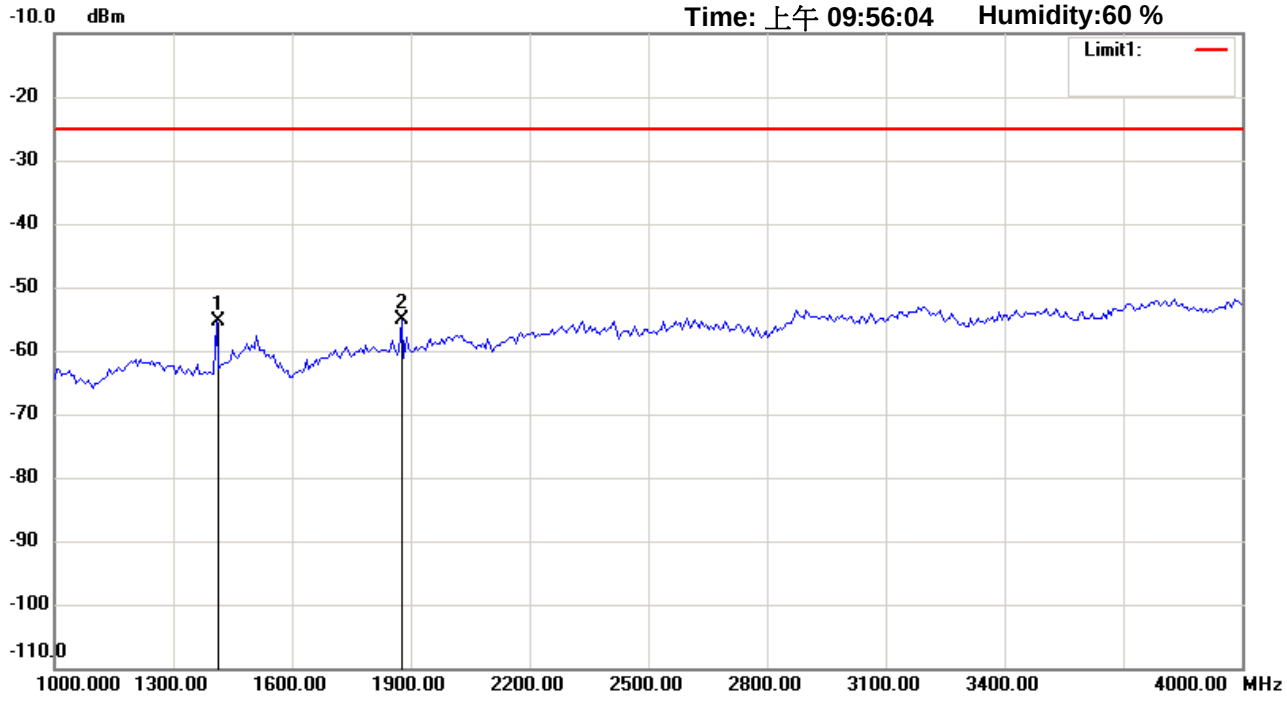
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :3 Data :#3 Date: 2015/1/14 Time: 上午 09:56:04

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1408.818	-53.63	peak	-1.75	-55.38	-25.00	150	185	-30.38	
*	1877.755	-56.03	peak	1.03	-55.00	-25.00	150	245	-30.00	

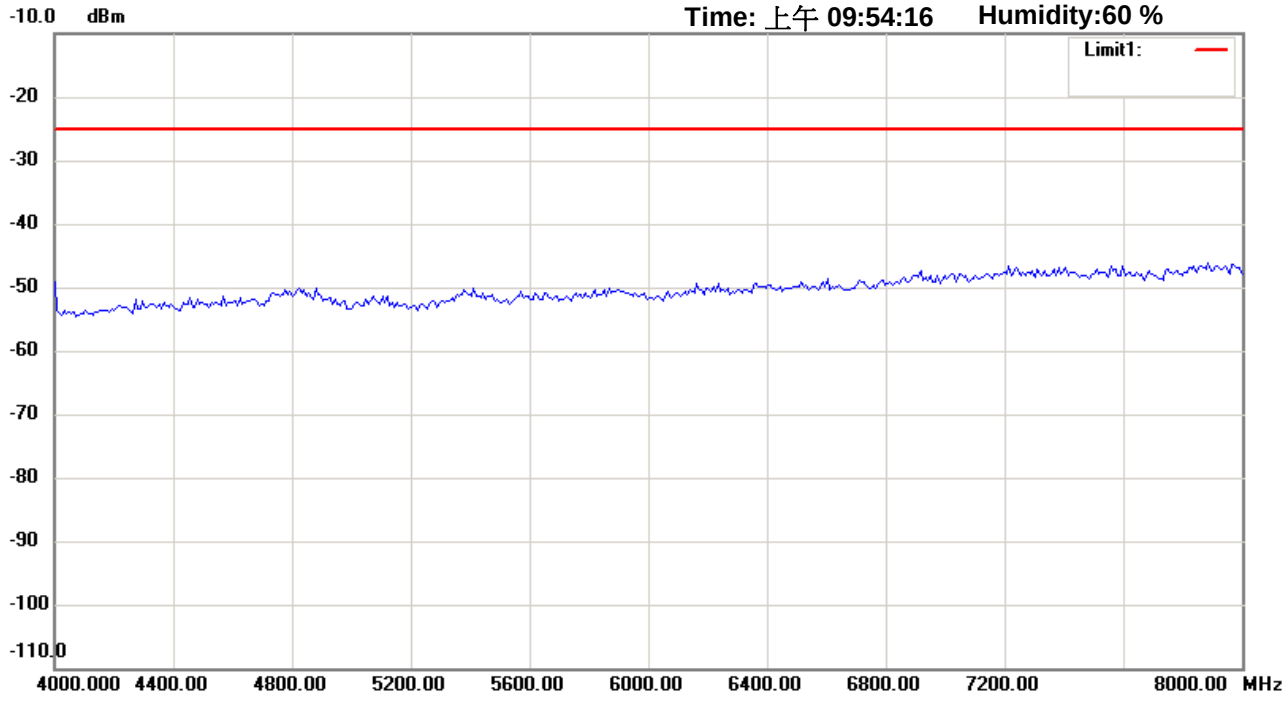
*:Maximum data x:Over limit !:over margin

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 :#2 Date: 2015/1/14 Time: 上午 09:54:16 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

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

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

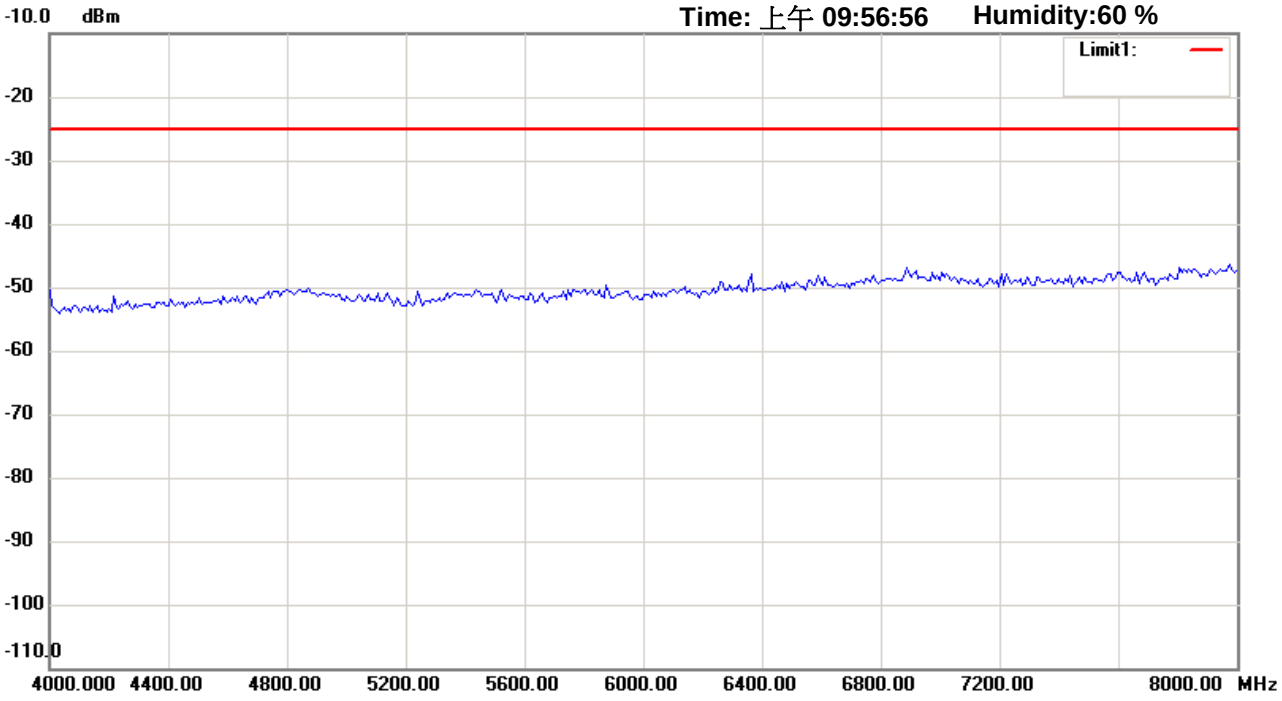
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :3 Data :#4 Date: 2015/1/14 Time: 上午 09:56:56

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 470.1 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

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

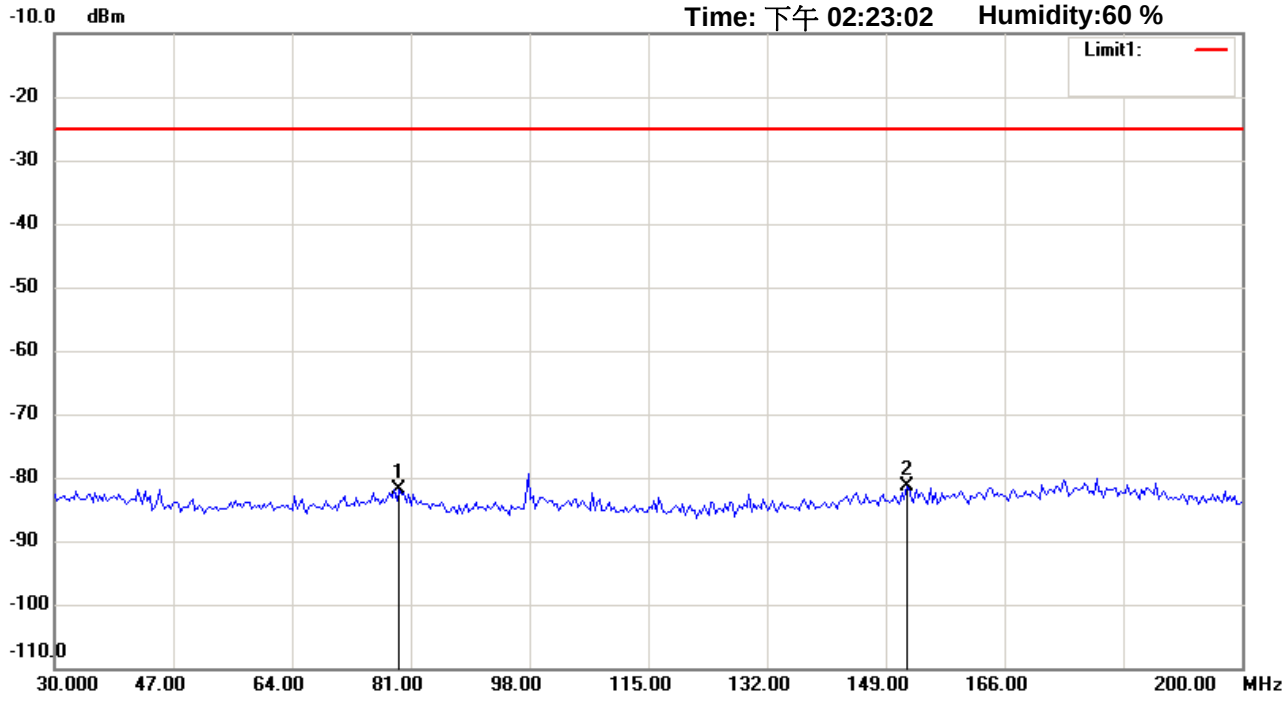
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Kent

File :1 Data :#1 Date: 2015/1/14 Time: 下午 02:23:02 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 539 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	79.3987	-103.77	peak	22.02	-81.75	-25.00	150	220	-56.75	
*	151.9638	-103.24	peak	21.89	-81.35	-25.00	150	115	-56.35	

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

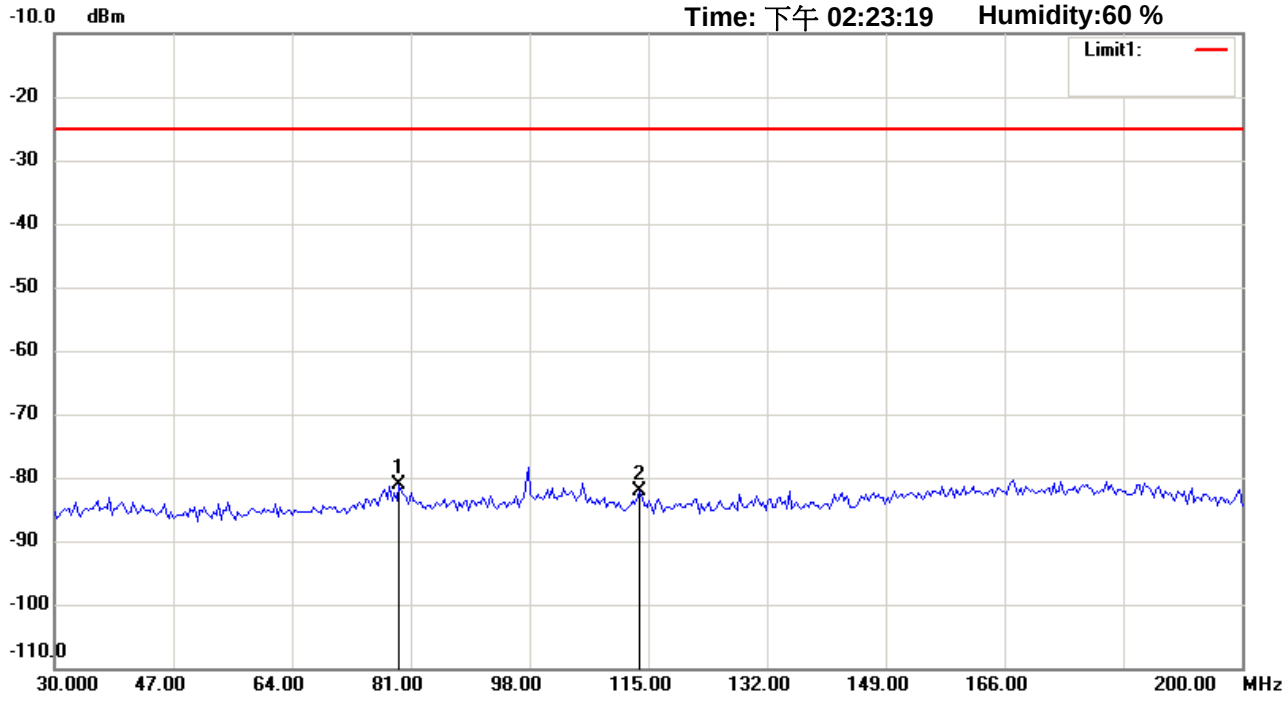
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :1 Data :#2 Date: 2015/1/14 Temperature:24 ℃

Time: 下午 02:23:19 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

Polarization: *Vertical*

EUT : W6M21501-14749

Power : 1.5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 539 MHZ

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	79.3987	-103.22	peak	21.99	-81.23	-25.00	150	220	-56.23	
	113.8075	-103.73	peak	21.58	-82.15	-25.00	150	145	-57.15	

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

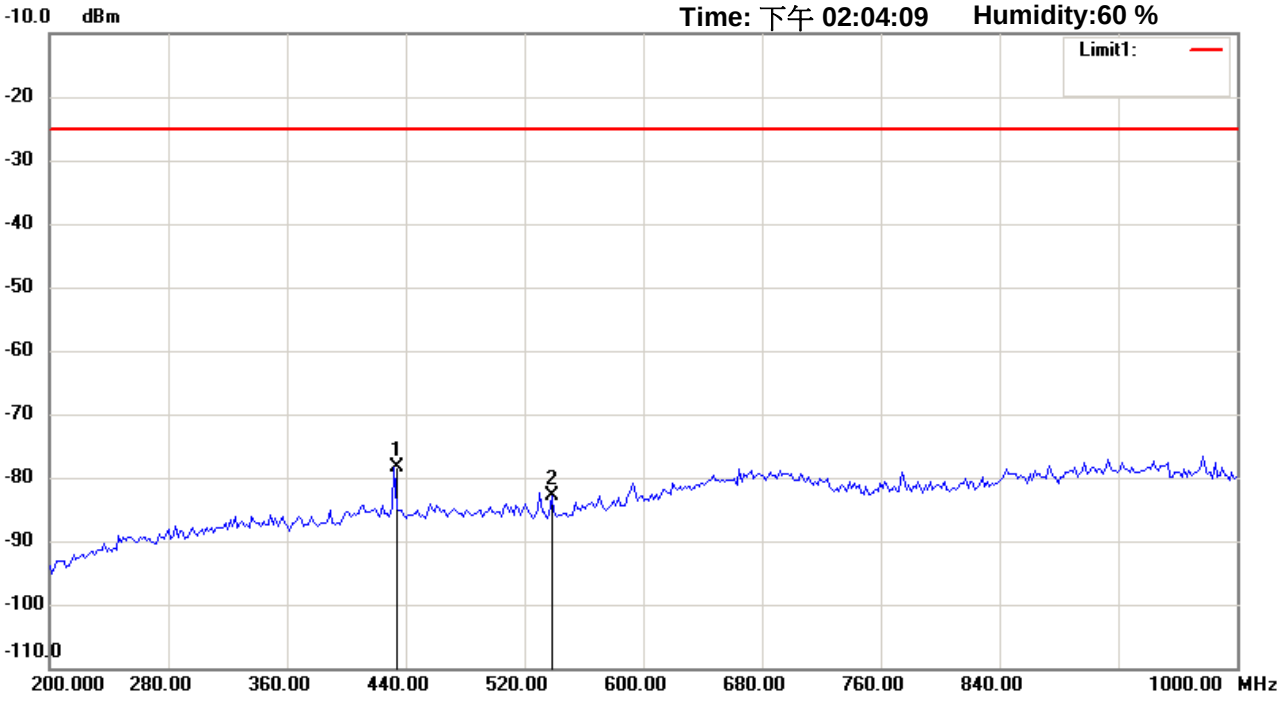
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :2 Data :#1 Date: 2015/1/14 Temperature:24 ℃

Time: 下午 02:04:09 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 539 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	432.4650	-69.18	peak	-9.25	-78.43	-25.00	150	220	-53.43	
	538.2766	-73.73	peak	-9.07	-82.80	-25.00	150	185	-57.80	

*: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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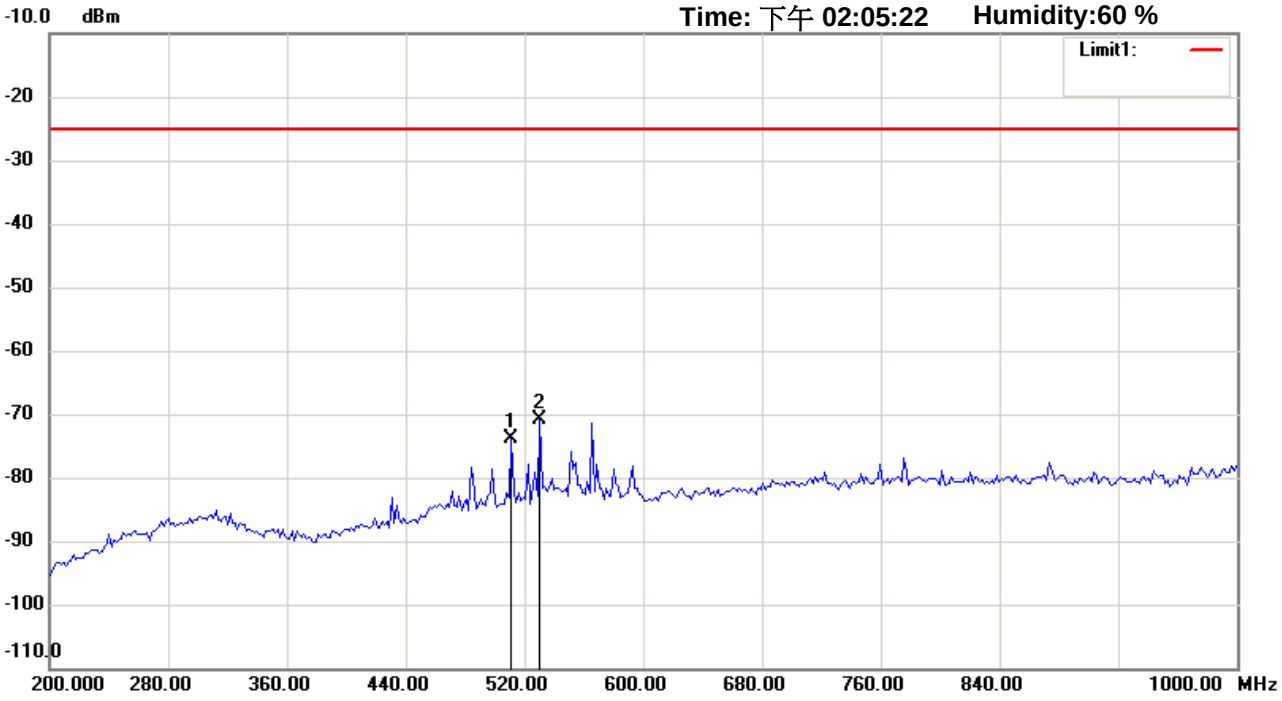
Radiated Emission Measurement

Operator: Kent

File :2 Data :#2 Date: 2015/1/14 Time: 下午 02:05:22

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 539 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	511.0220	-67.08	peak	-6.88	-73.96	-25.00	150	145	-48.96	
*	530.2605	-64.19	peak	-6.67	-70.86	-25.00	150	220	-45.86	

*: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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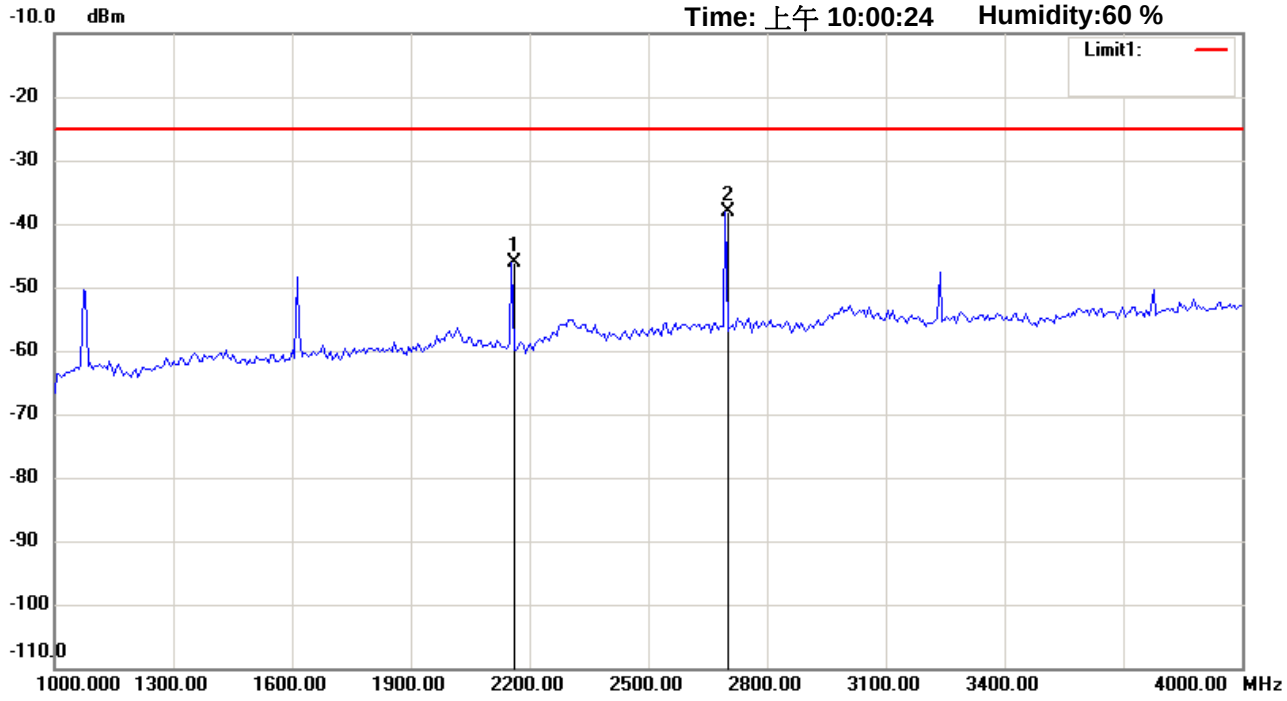
Radiated Emission Measurement

Operator: Kent

File :3 Data :#1 Date: 2015/1/14 Temperature:24 ℃

Time: 上午 10:00:24 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

Polarization: *Horizontal*

EUT : W6M21501-14749

Power : 1.5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 539 MHZ

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2154.309	-48.20	peak	2.09	-46.11	-25.00	150	305	-21.11	
*	2695.391	-44.17	peak	6.15	-38.02	-25.00	150	185	-13.02	

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

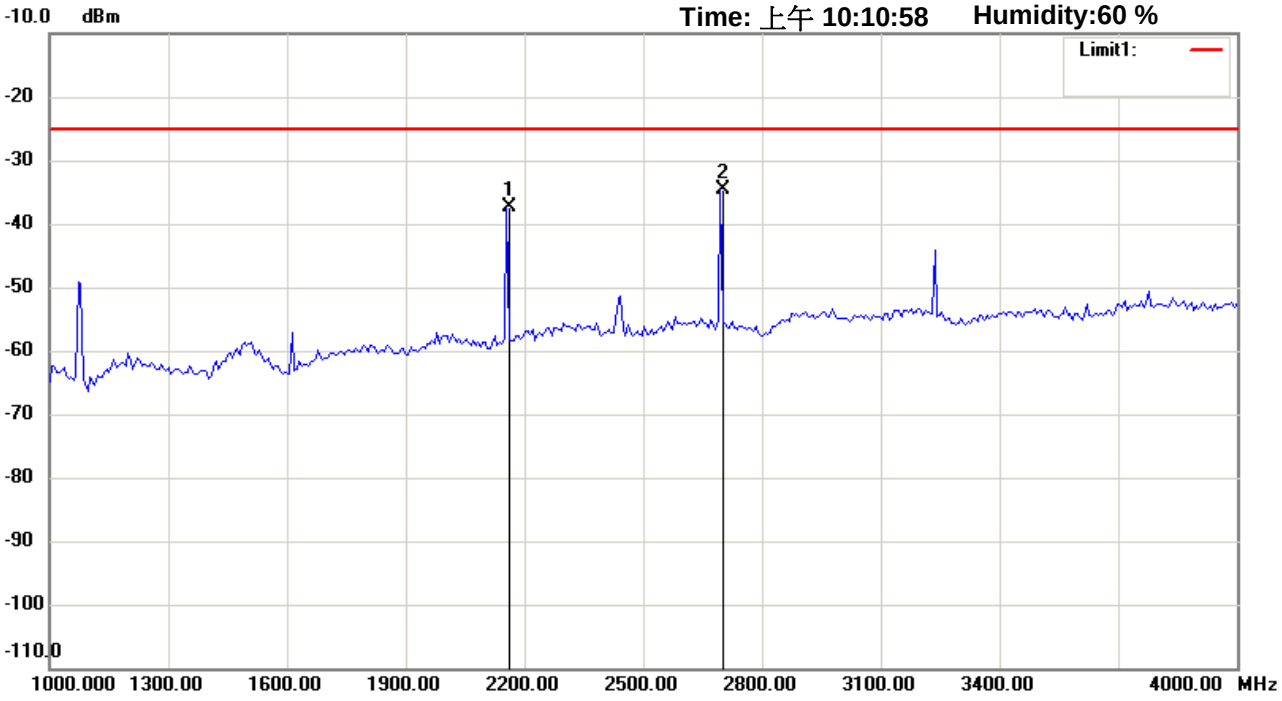
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :3 Data :#3 Date: 2015/1/14 Time: 上午 10:10:58

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 539 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2154.309	-40.38	peak	2.90	-37.48	-25.00	150	220	-12.48	
*	2695.391	-41.03	peak	6.44	-34.59	-25.00	150	185	-9.59	

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

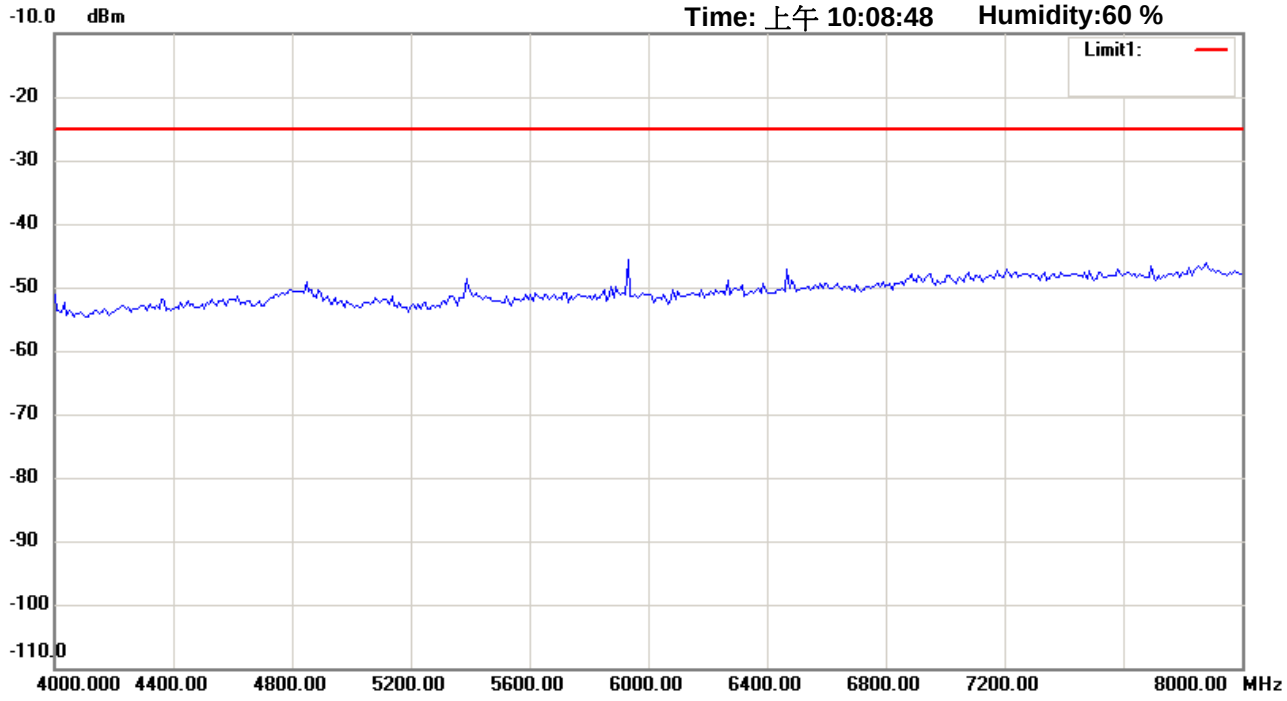
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :3 Data :#2 Date: 2015/1/14 Time: 上午 10:08:48

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 539 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

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

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

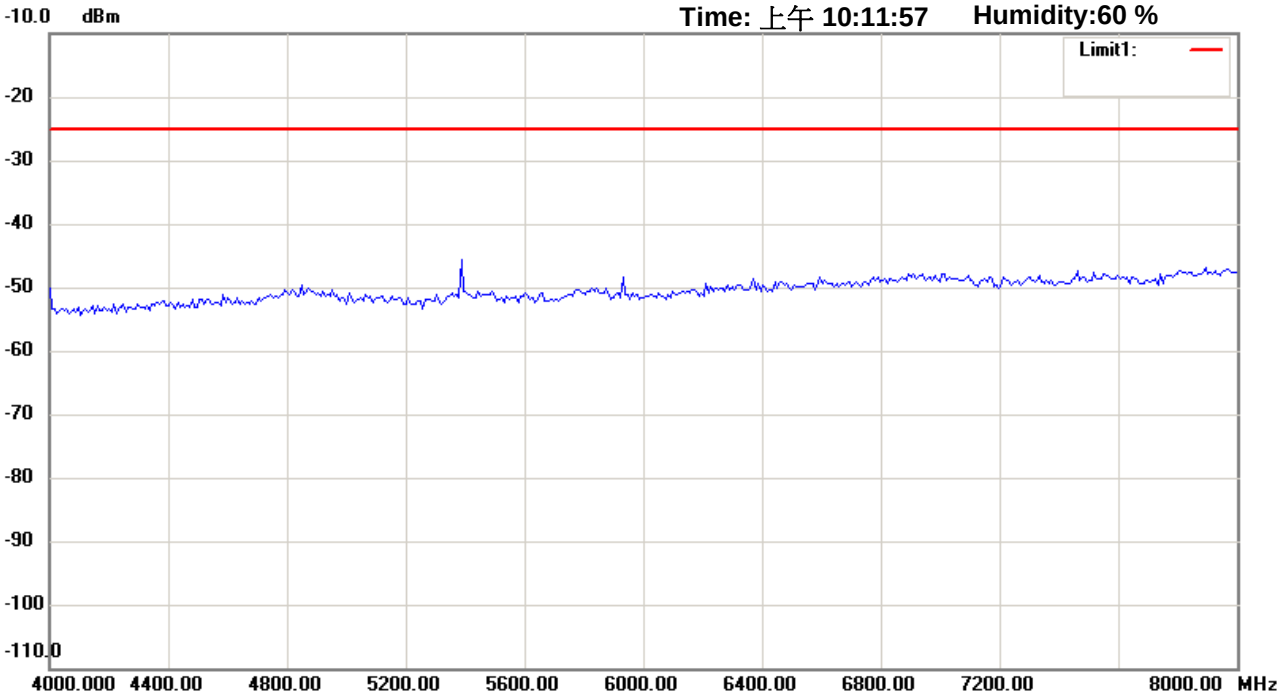
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :3 Data :#4 Date: 2015/1/14 Time: 上午 10:11:57

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 539 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

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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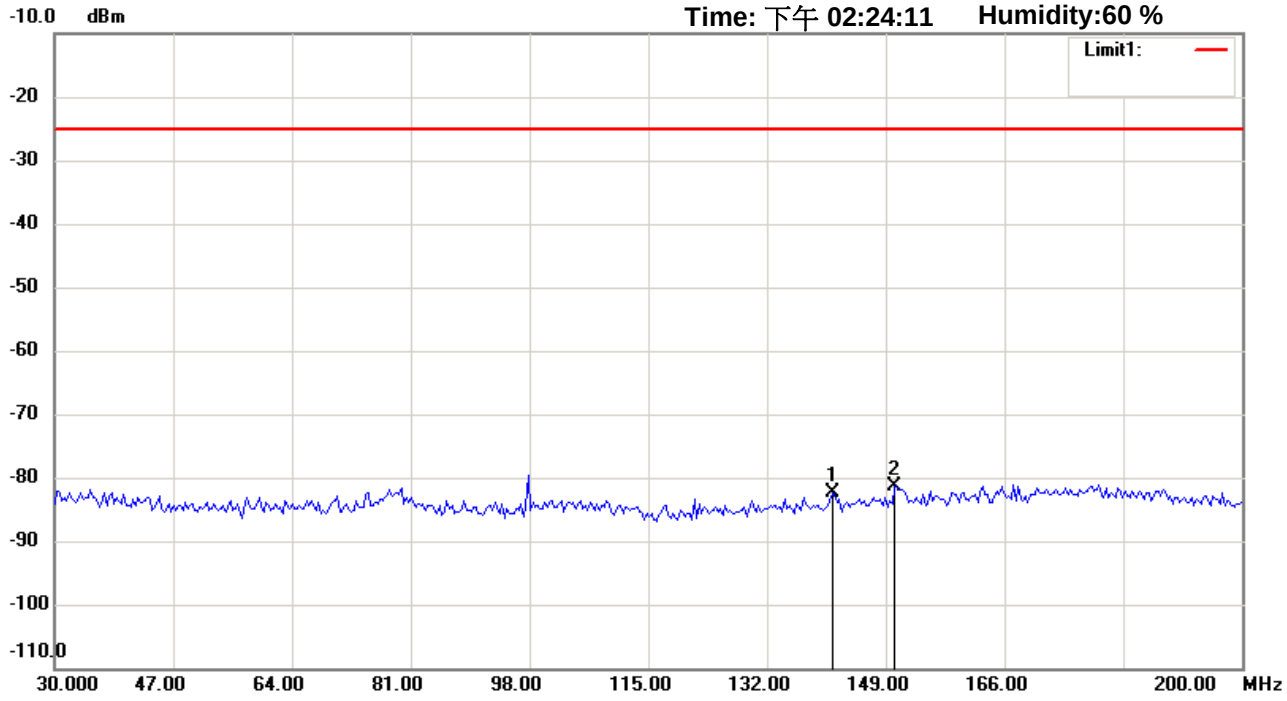
Radiated Emission Measurement

Operator: Kent

File :1 Data :#1 Date: 2015/1/14 Temperature:24 ℃

Time: 下午 02:24:11 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

Polarization: *Horizontal*

EUT : W6M21501-14749

Power : 1.5 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 607.9 MHZ

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	141.4028	-103.43	peak	21.16	-82.27	-25.00	150	240	-57.27	
*	150.2605	-103.18	peak	21.77	-81.41	-25.00	150	75	-56.41	

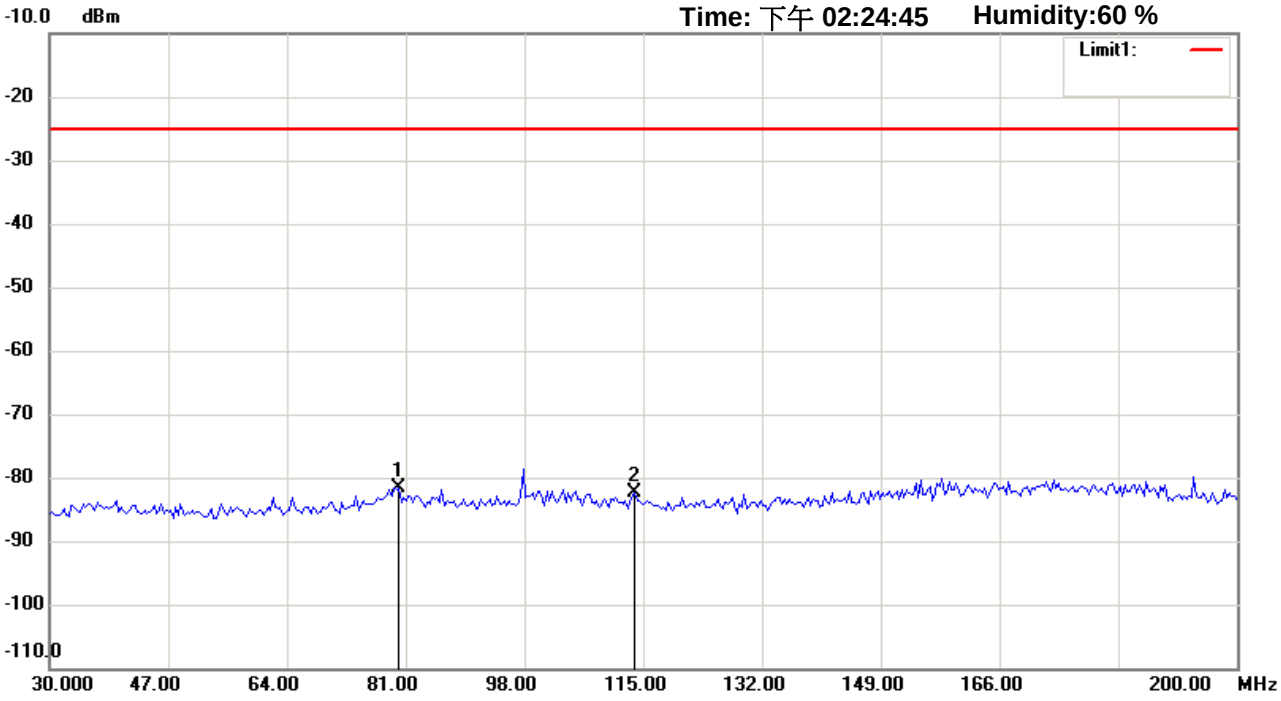
*:Maximum data x:Over limit !:over margin

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 :#2 Date: 2015/1/14 Time: 下午 02:24:45 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 607.9 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	80.0802	-103.63	peak	22.08	-81.55	-25.00	150	220	-56.55	
	113.8076	-103.92	peak	21.58	-82.34	-25.00	150	145	-57.34	

*: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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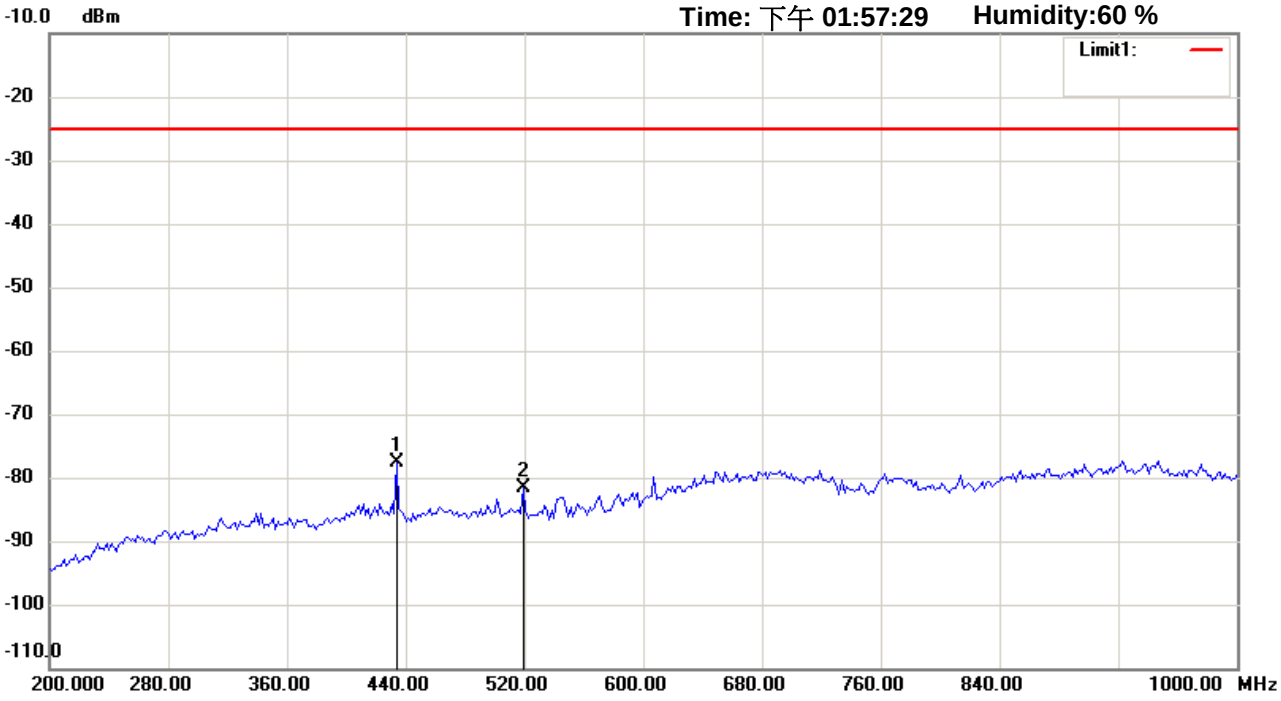
Radiated Emission Measurement

Operator: Kent

File :2 Data :#1 Date: 2015/1/14 Temperature:24 ℃

Time: 下午 01:57:29 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 607.9 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	434.0681	-68.28	peak	-9.34	-77.62	-25.00	150	245	-52.62	
	519.0380	-72.99	peak	-8.73	-81.72	-25.00	150	185	-56.72	

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

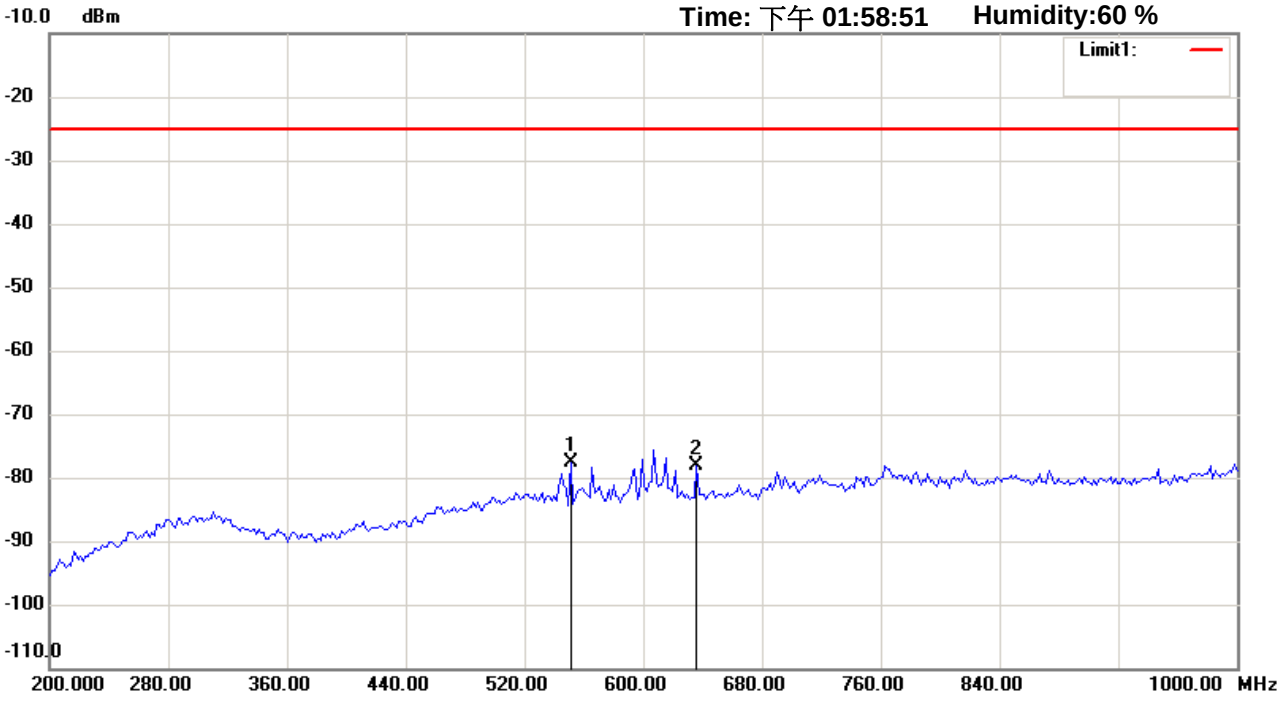
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Kent

File :2 Data :#2 Date: 2015/1/14 Time: 下午 01:58:51

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 607.9 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

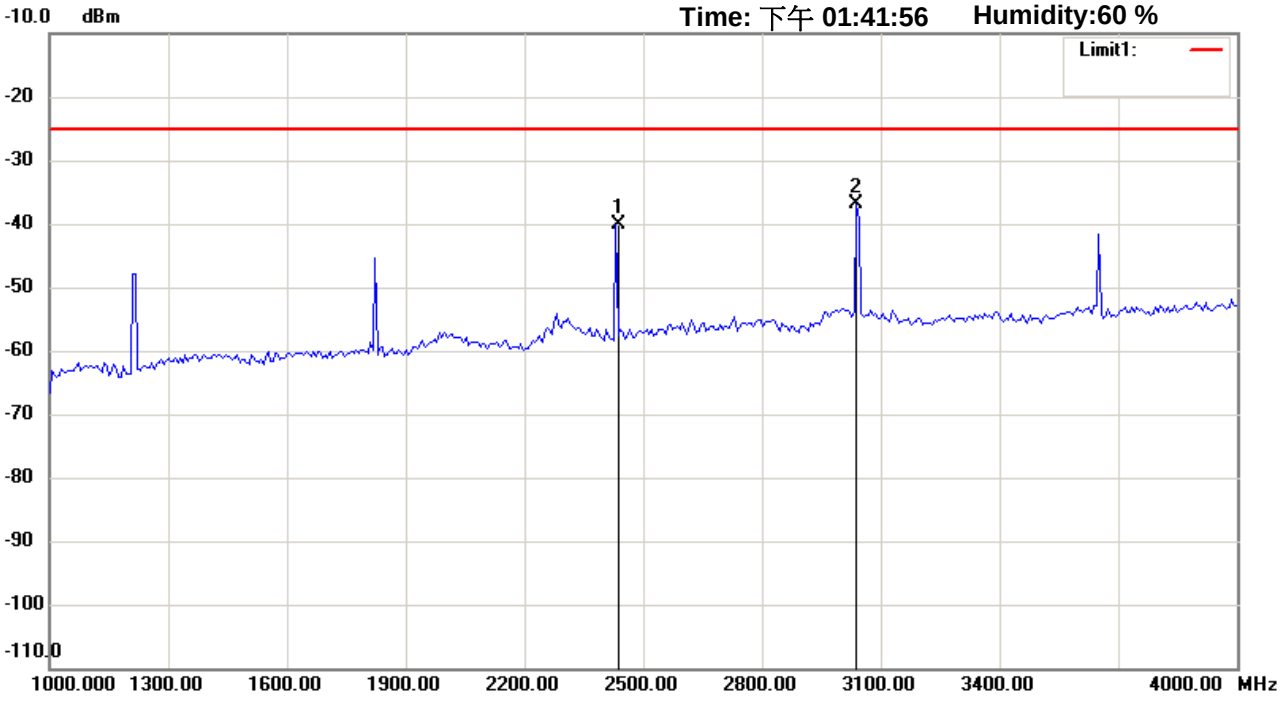
Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	551.1022	-71.23	peak	-6.43	-77.66	-25.00	150	220	-52.66	
	636.0720	-72.66	peak	-5.40	-78.06	-25.00	150	185	-53.06	

*: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 :#1 Date: 2015/1/14 Temperature:24 ℃
Time: 下午 01:41:56 Humidity:60 %



Site : Chamber
Condition : IC RSS-210 spurious emission
EUT : W6M21501-14749
M/N:
Test Mode : TX 607.9 MHZ
Note :

Polarization: *Horizontal*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2430.862	-44.15	peak	3.95	-40.20	-25.00	150	220	-15.20	
*	3038.076	-44.96	peak	8.05	-36.91	-25.00	150	185	-11.91	

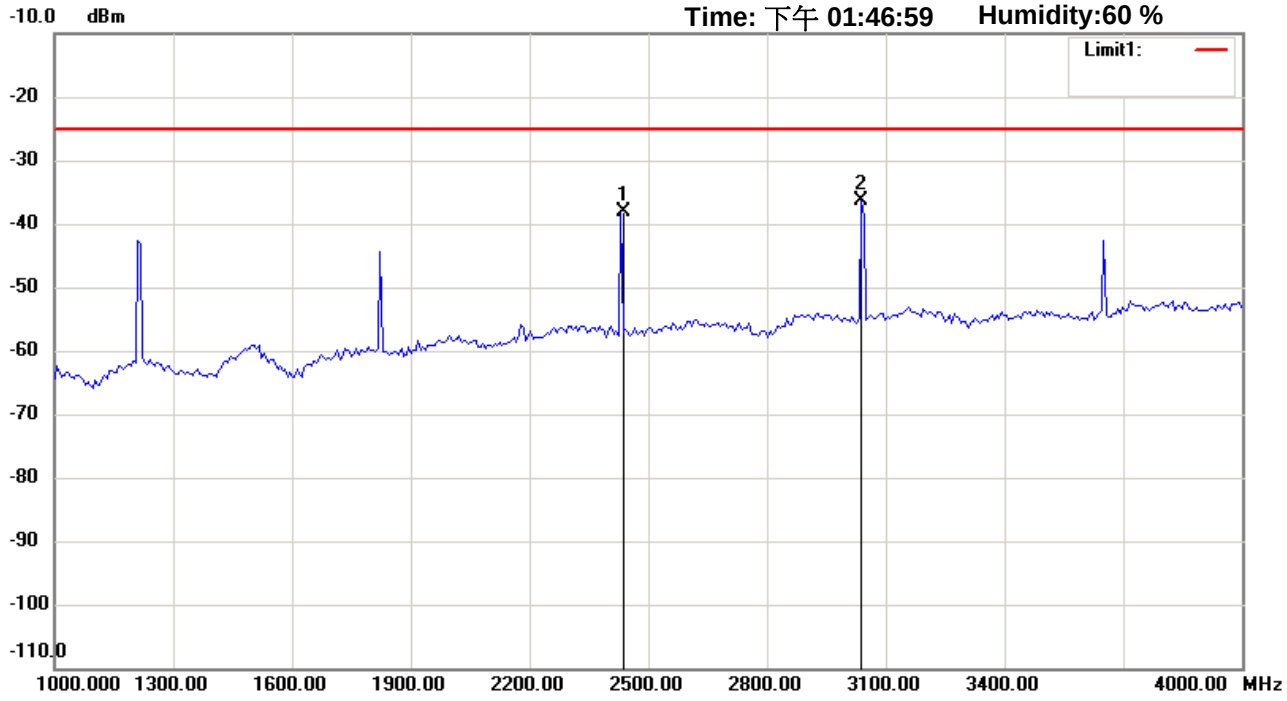
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Kent
Temperature:24 ℃
Humidity:60 %

File :3 Data :#3 Date: 2015/1/14 Time: 下午 01:46:59



Site : Chamber
Condition : IC RSS-210 spurious emission
EUT : W6M21501-14749
M/N:
Test Mode : TX 607.9 MHZ
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2430.862	-42.42	peak	4.35	-38.07	-25.00	150	245	-13.07	
*	3038.076	-43.28	peak	7.02	-36.26	-25.00	150	185	-11.26	

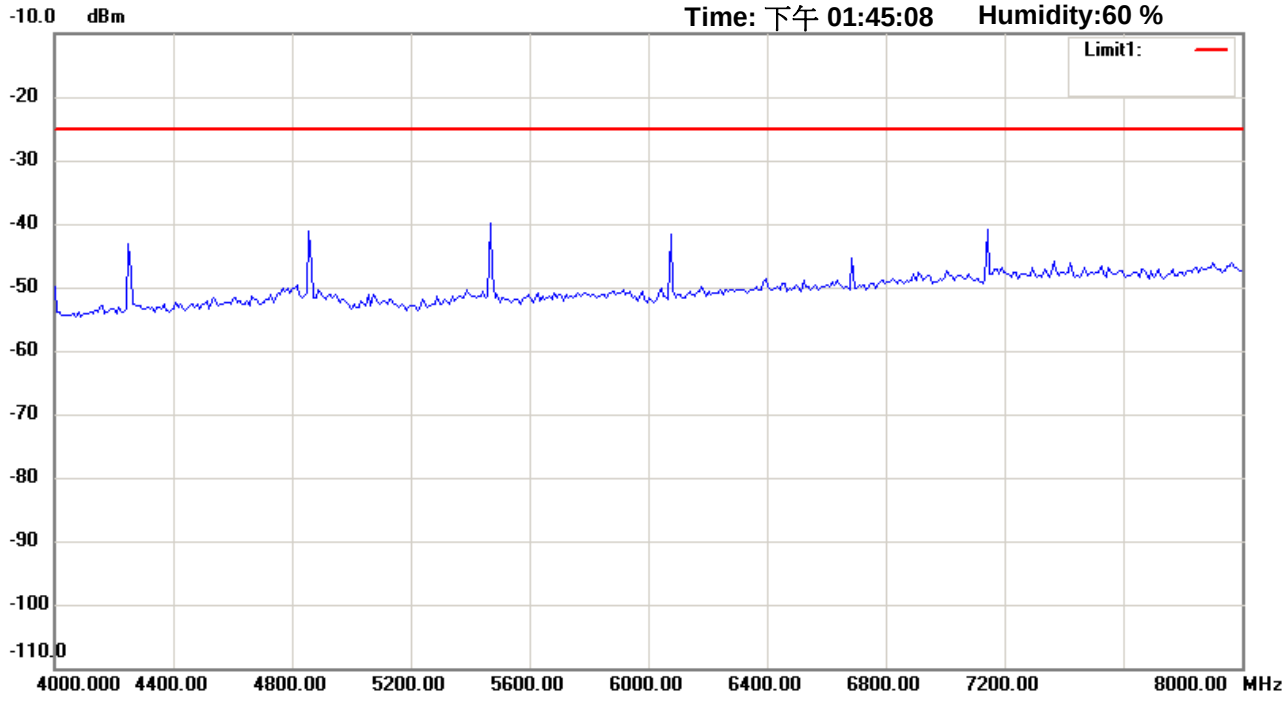
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Kent

File :3 Data :#2 Date: 2015/1/14 Time: 下午 01:45:08 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 607.9 MHZ

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

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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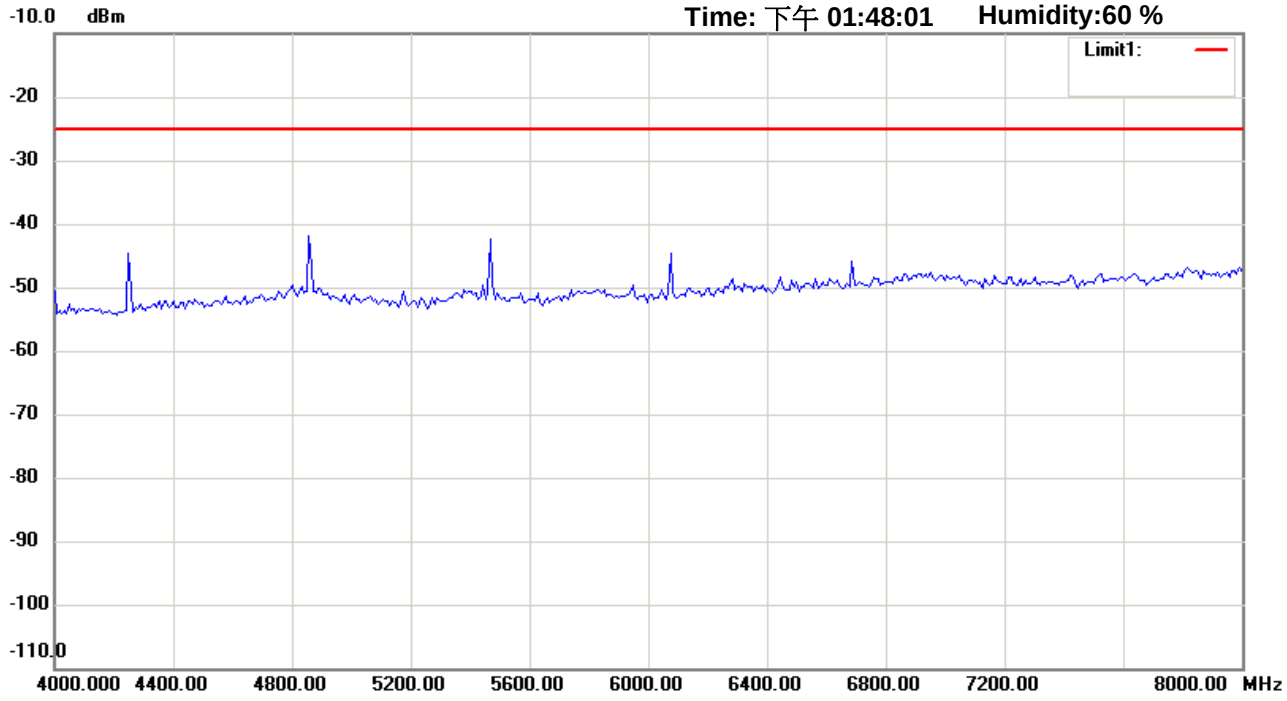
Radiated Emission Measurement

Operator: Kent

File :3 Data :#4 Date: 2015/1/14 Time: 下午 01:48:01 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : TX 607.9 MHZ

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

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

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

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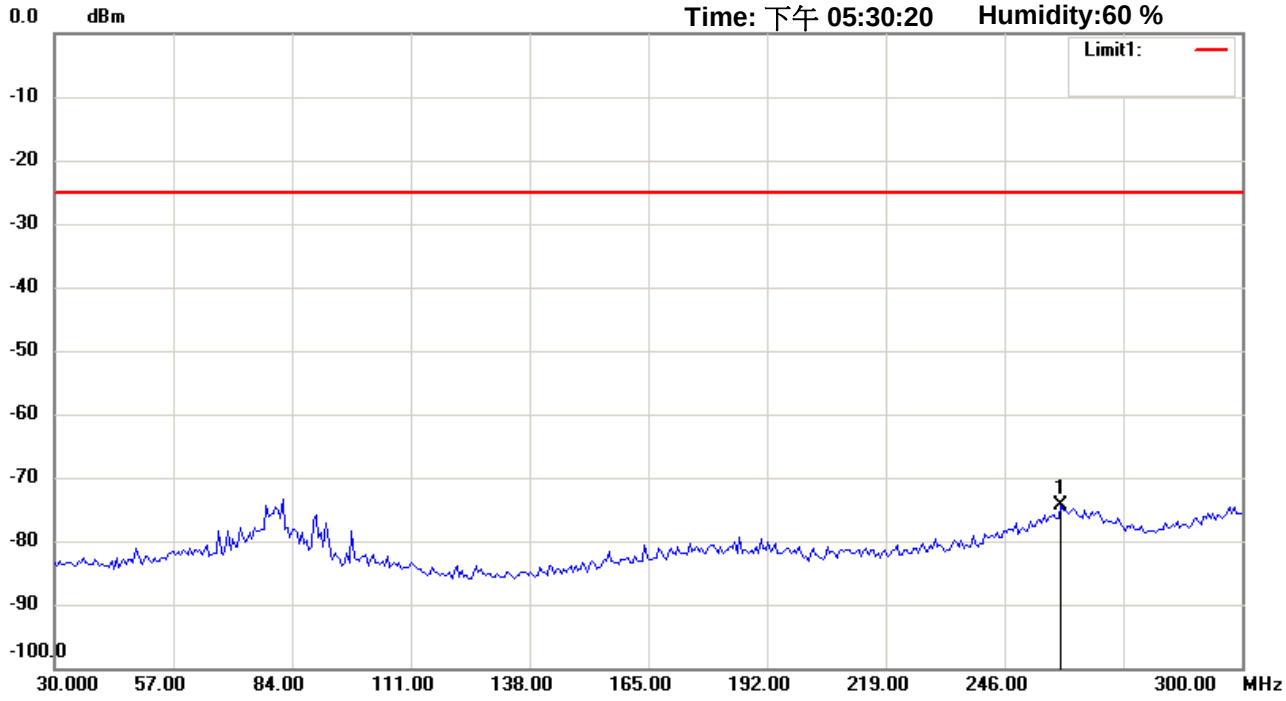
Radiated Emission Measurement

Operator: Robert

File :1 Data :#1 Date: 2015/1/19 Time: 下午 05:30:20 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	258.8778	-104.10	peak	29.65	-74.45	-25.00	150	290	-49.45	

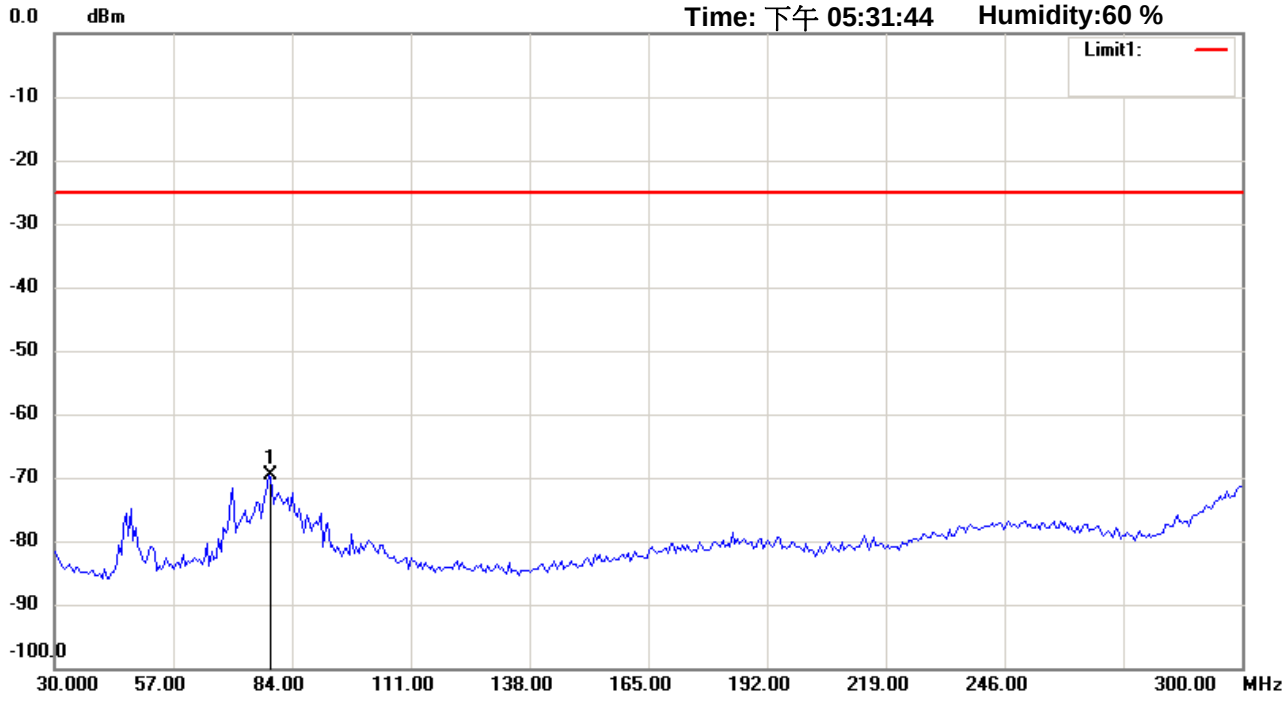
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Robert

File :1 Data :#2 Date: 2015/1/19 Time: 下午 05:31:44 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	78.6975	-92.77	peak	23.13	-69.64	-25.00	150	170	-44.64	

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

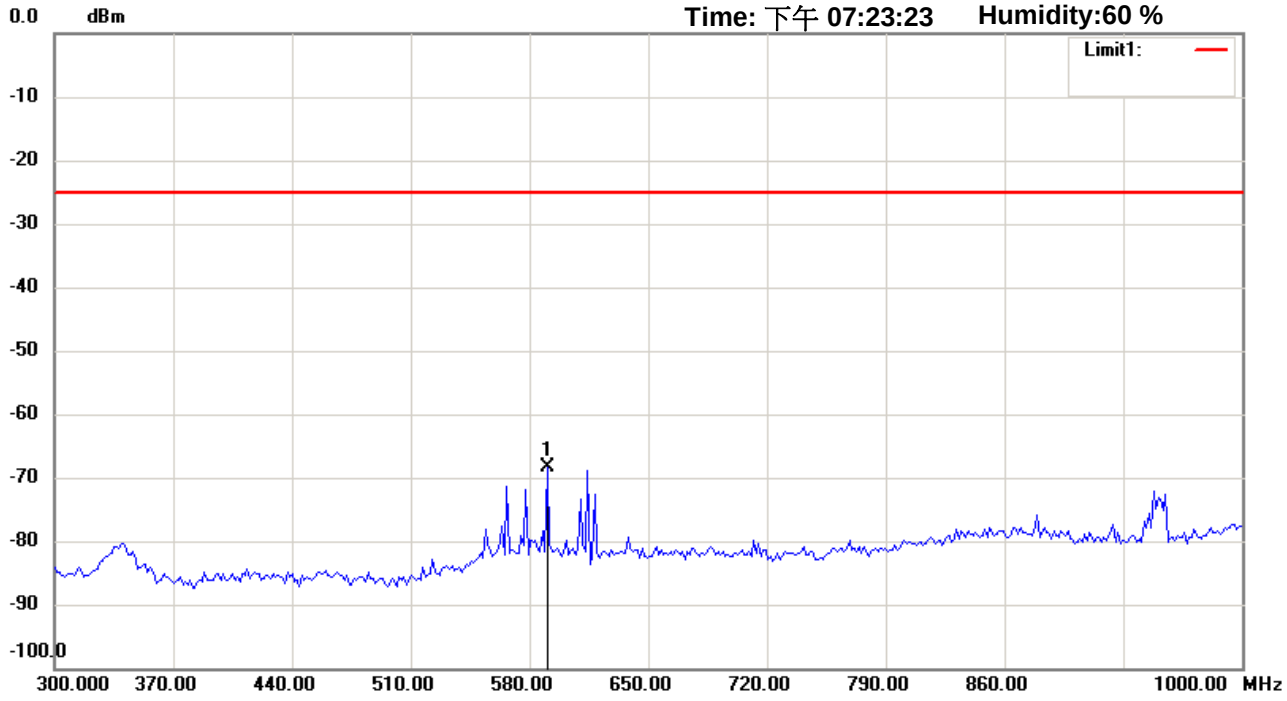
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :2 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 07:23:23 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

Polarization: *Horizontal*

EUT : W6M21501-14749

Power : 1.5 Vd.c.

M/N:

Distance: 3m

Test Mode : 614.1MHz

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	590.3808	-64.11	peak	-4.30	-68.41	-25.00	150	200	-43.41	

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

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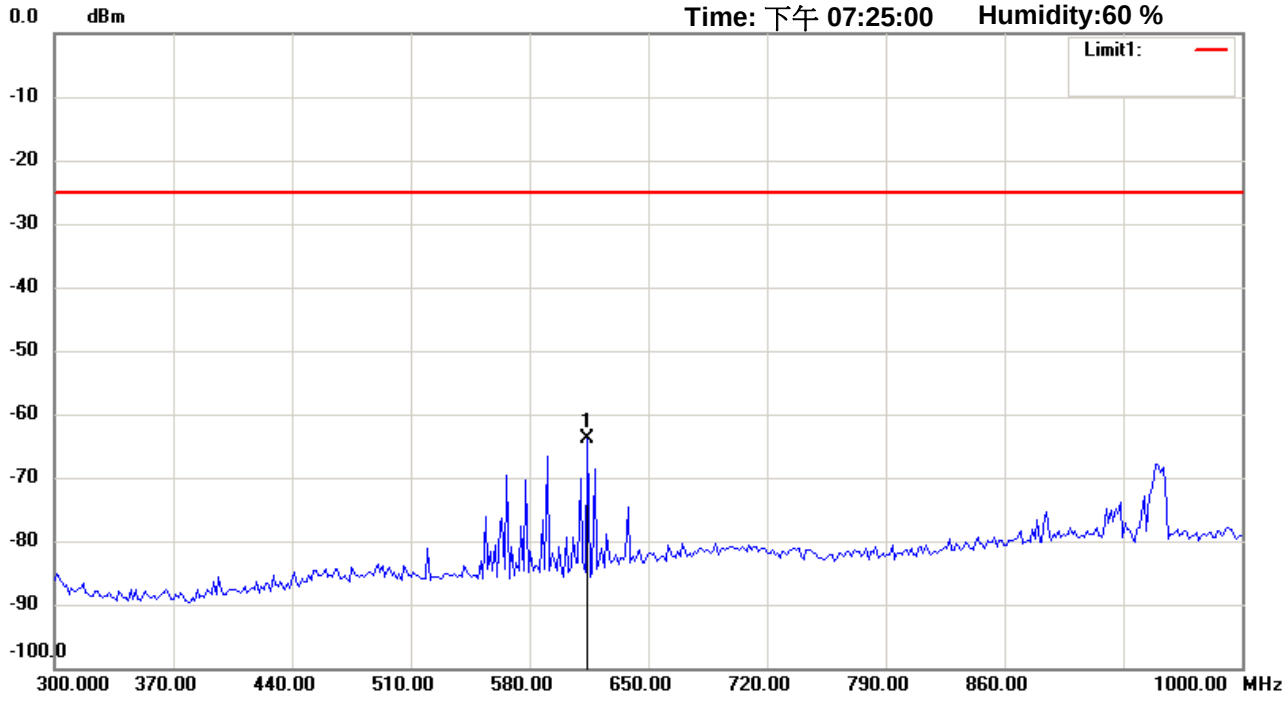
Radiated Emission Measurement

Operator: Robert

File :2 Data :#2 Date: 2015/1/19 Time: 下午 07:25:00 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	614.2285	-56.90	peak	-7.09	-63.99	-25.00	150	190	-38.99	

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

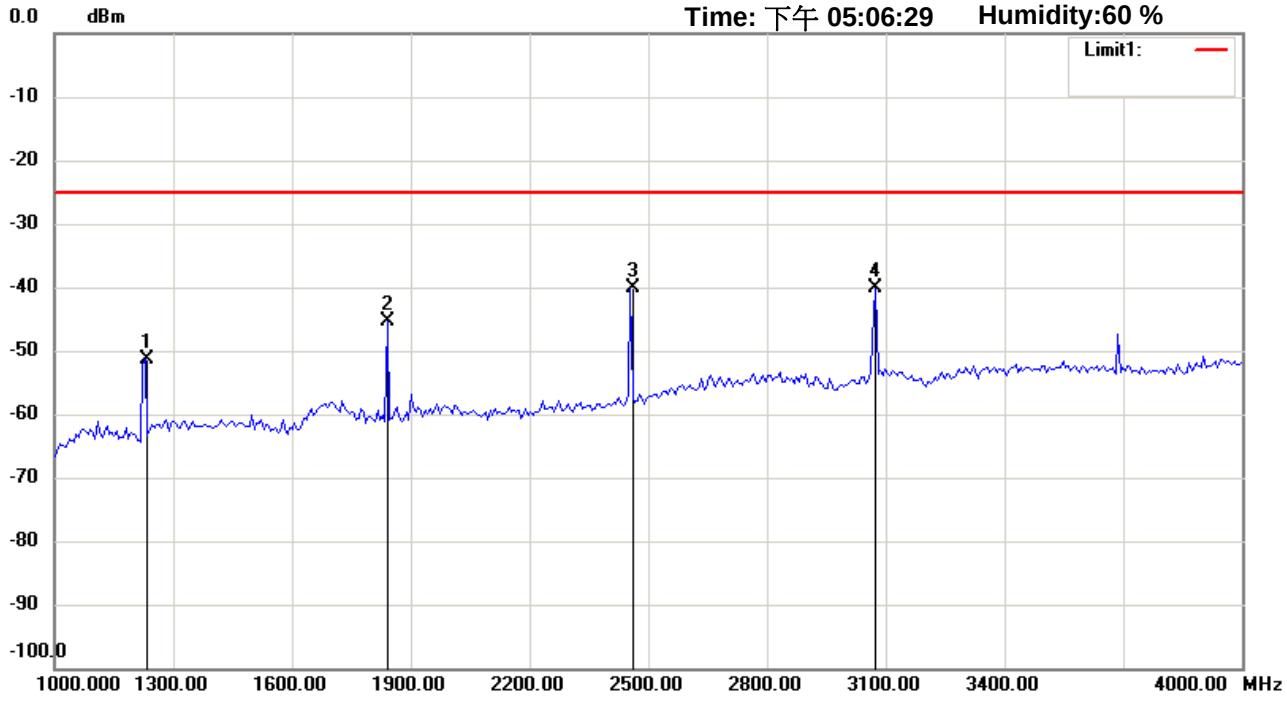
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :3 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 05:06:29 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1228.457	-50.70	peak	-0.65	-51.35	-25.00	150	200	-26.35	
	1841.683	-46.96	peak	1.69	-45.27	-25.00	150	190	-20.27	
*	2454.910	-44.57	peak	4.43	-40.14	-25.00	150	160	-15.14	
	3074.148	-48.62	peak	8.39	-40.23	-25.00	150	100	-15.23	

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

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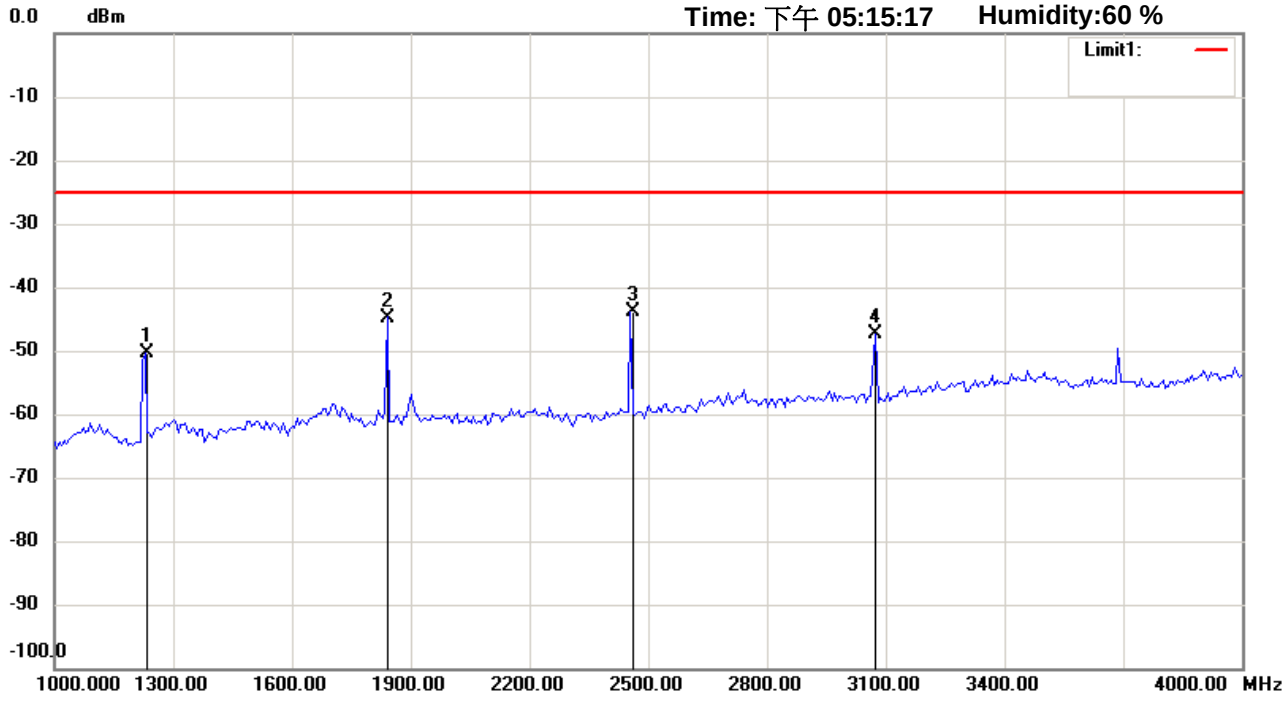
Radiated Emission Measurement

Operator: Robert

File :3 Data :#3 Date: 2015/1/19 Time: 下午 05:15:17

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1228.457	-49.18	peak	-1.31	-50.49	-25.00	150	290	-25.49	
	1841.683	-45.88	peak	1.13	-44.75	-25.00	150	200	-19.75	
*	2454.910	-46.45	peak	2.46	-43.99	-25.00	150	180	-18.99	
	3074.148	-52.25	peak	4.86	-47.39	-25.00	150	110	-22.39	

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

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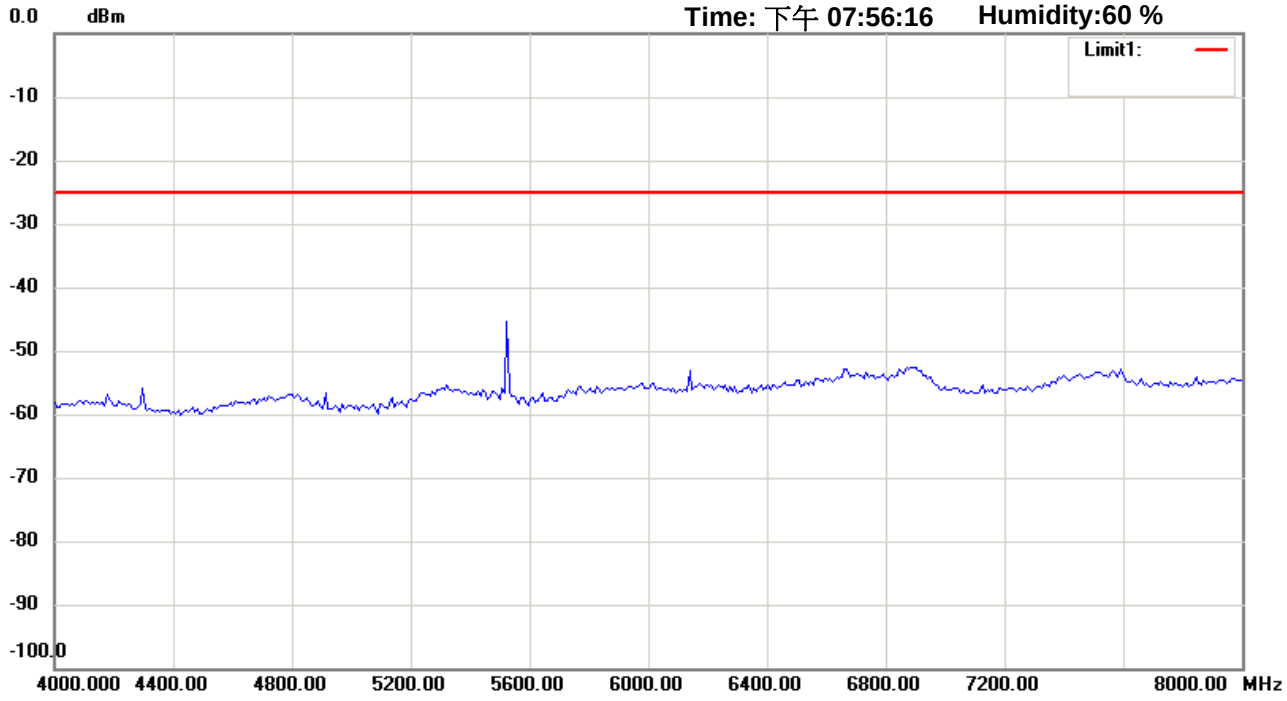
Radiated Emission Measurement

Operator: Robert

File :3 Data :#2 Date: 2015/1/19 Time: 下午 07:56:16 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

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

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

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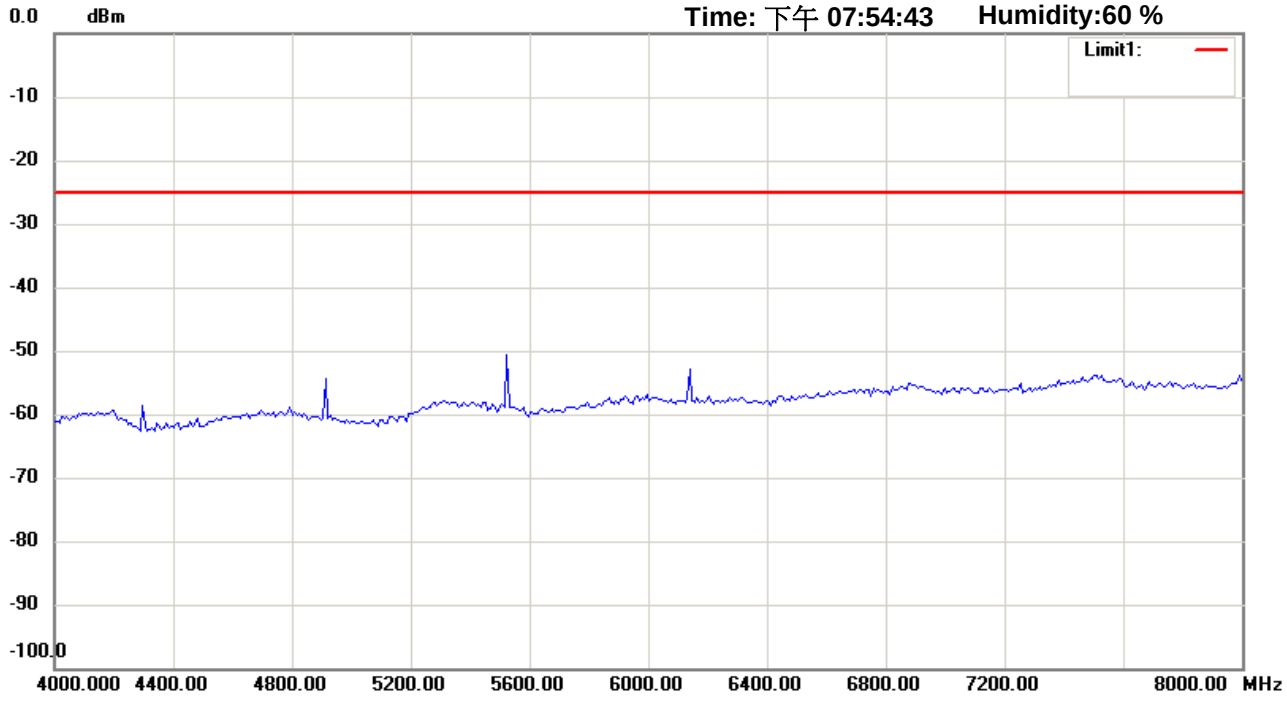
Radiated Emission Measurement

Operator: Robert

File :3 Data :#4 Date: 2015/1/19 Time: 下午 07:54:43

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 614.1MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

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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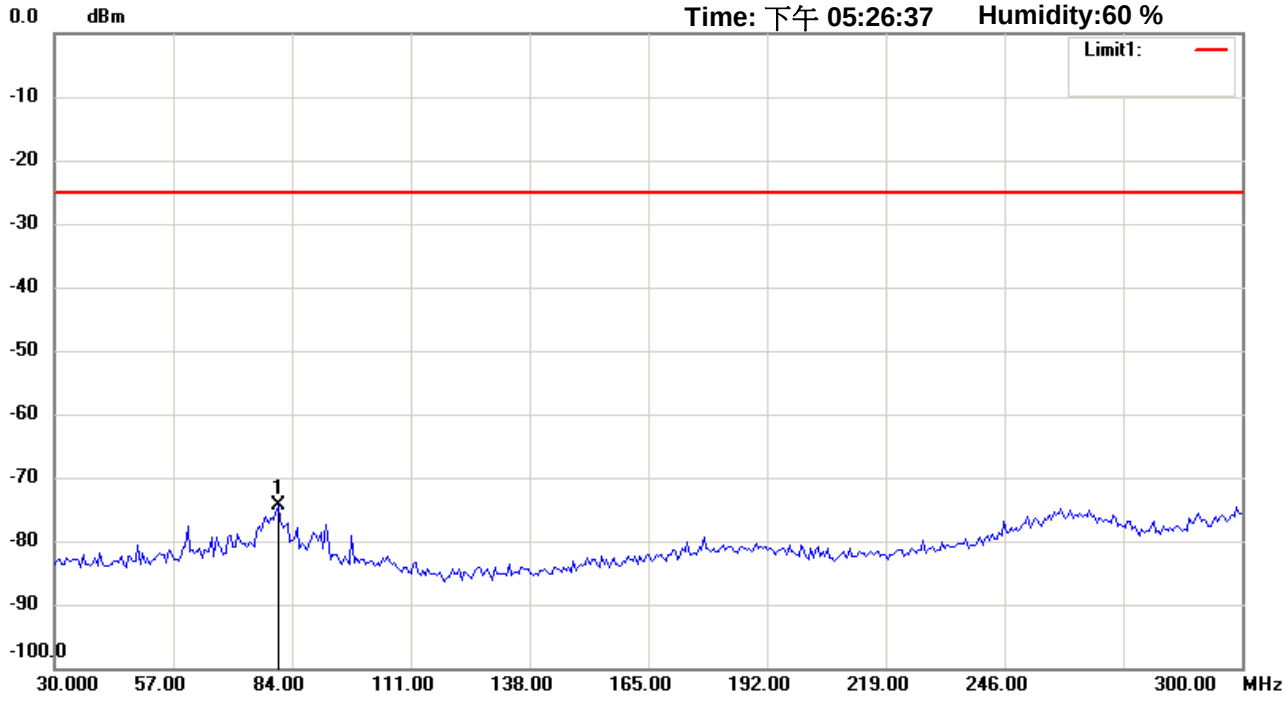
Radiated Emission Measurement

Operator: Robert

File :1 Data :#1 Date: 2015/1/19 Time: 下午 05:26:37 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

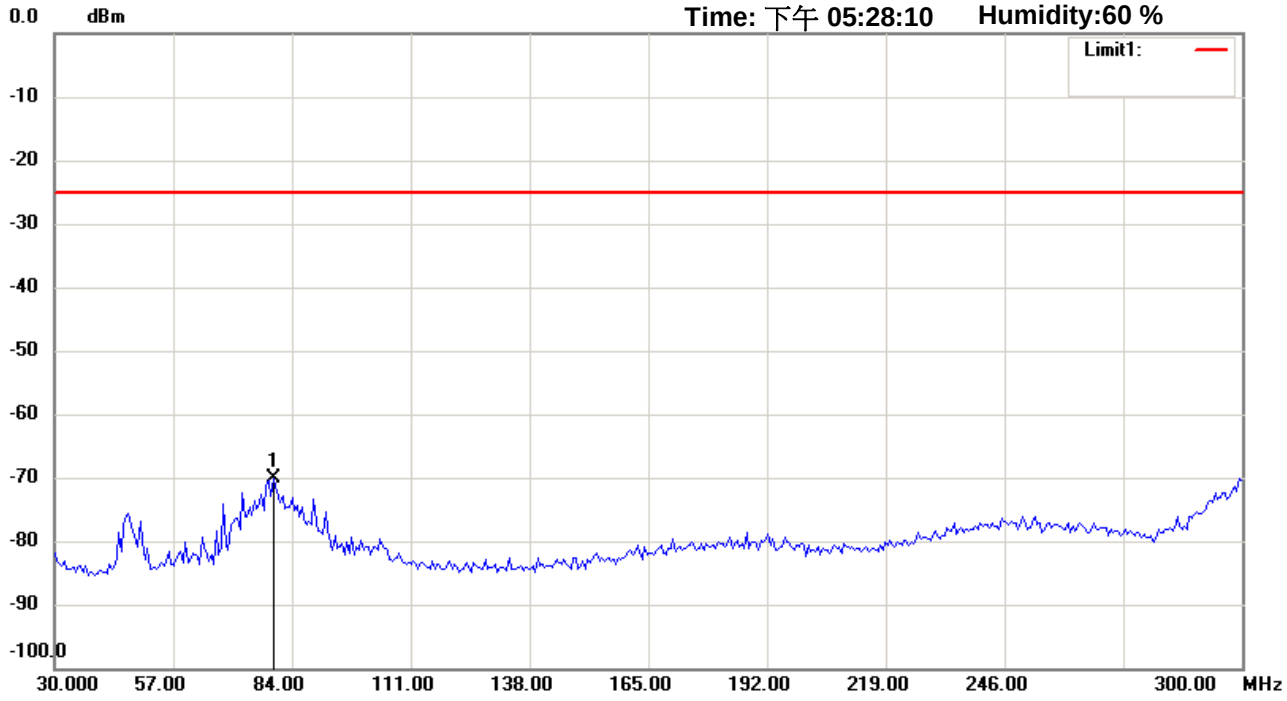
Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	80.8617	-97.81	peak	23.53	-74.28	-25.00	150	280	-49.28	

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

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

Radiated Emission Measurement

Operator: Robert
File :1 Data :#2 Date: 2015/1/19 Temperature:24 ℃
Time: 下午 05:28:10 Humidity:60 %



Site : Chamber
Condition : IC RSS-210 spurious emission
EUT : W6M21501-14749
M/N:
Test Mode : 655.95MHz
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	79.7796	-93.45	peak	23.35	-70.10	-25.00	150	190	-45.10	

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

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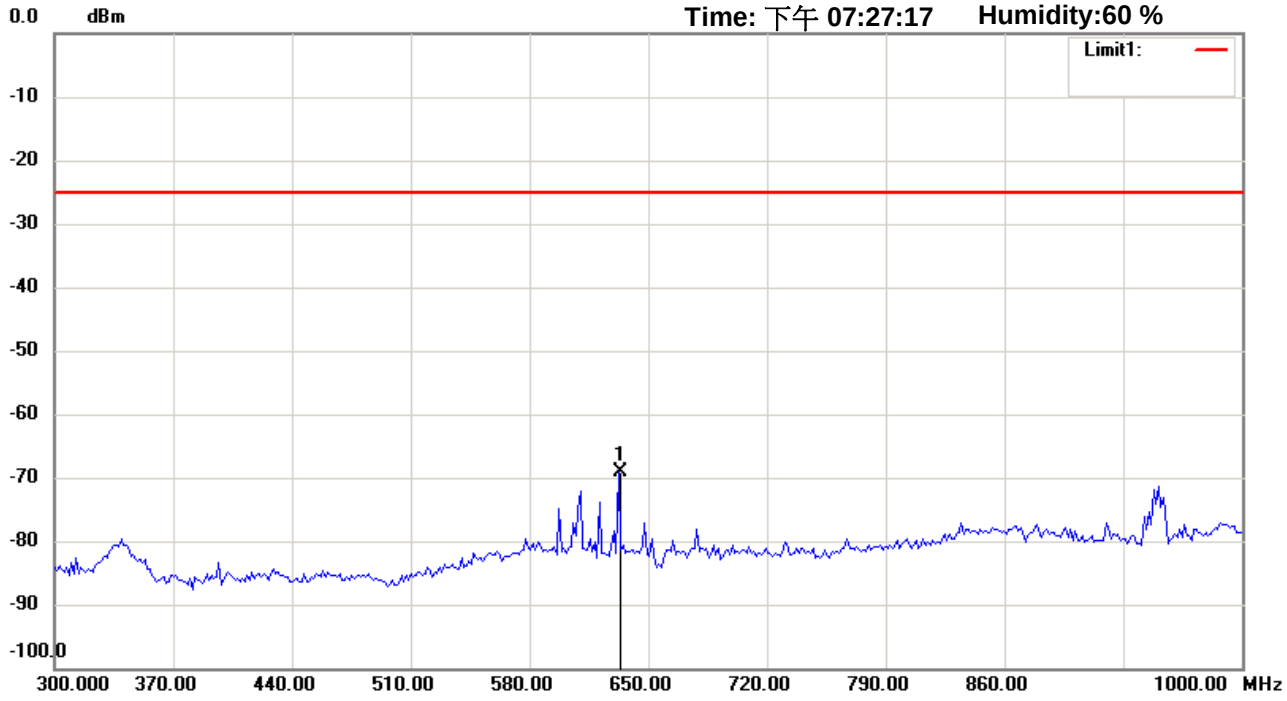
Radiated Emission Measurement

Operator: Robert

File :2 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 07:27:17 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

Polarization: *Horizontal*

EUT : W6M21501-14749

Power : 1.5 Vd.c.

M/N:

Distance: 3m

Test Mode : 655.95MHz

Note :

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	632.4650	-64.70	peak	-4.37	-69.07	-25.00	150	280	-44.07	

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

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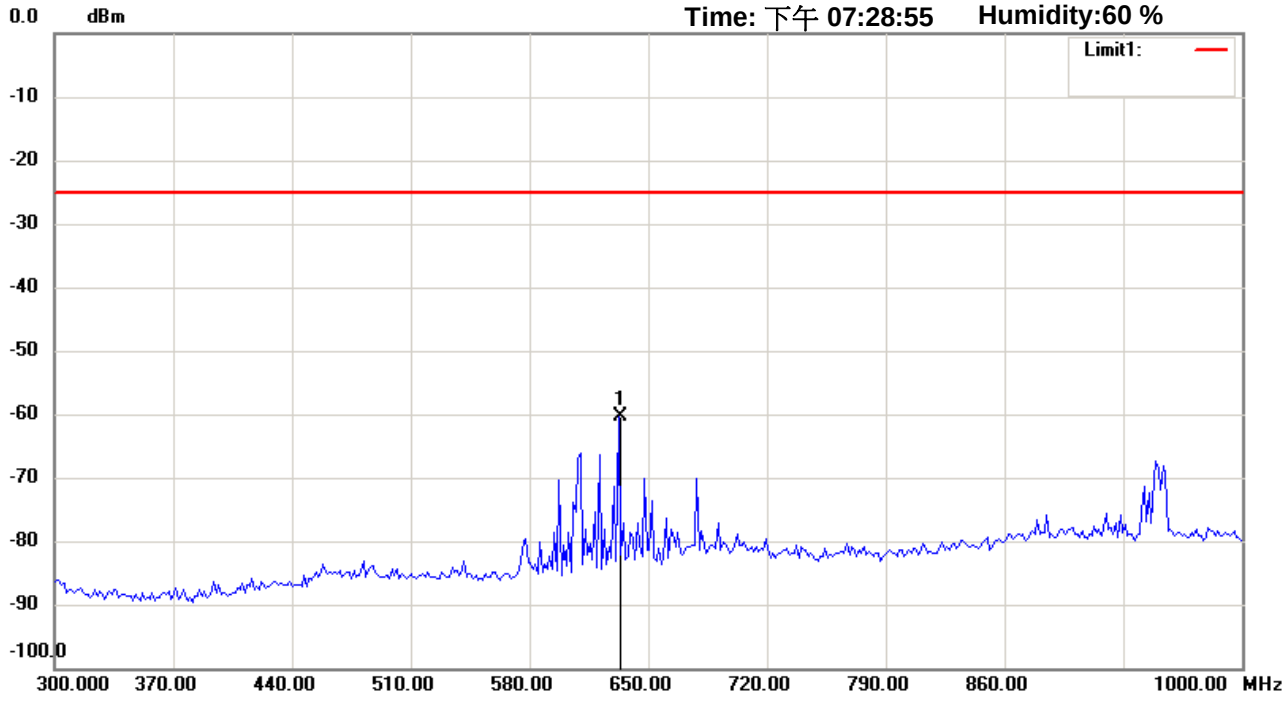
Radiated Emission Measurement

Operator: Robert

File :2 Data :#2 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 07:28:55 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	632.4650	-54.41	peak	-5.96	-60.37	-25.00	150	240	-35.37	

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

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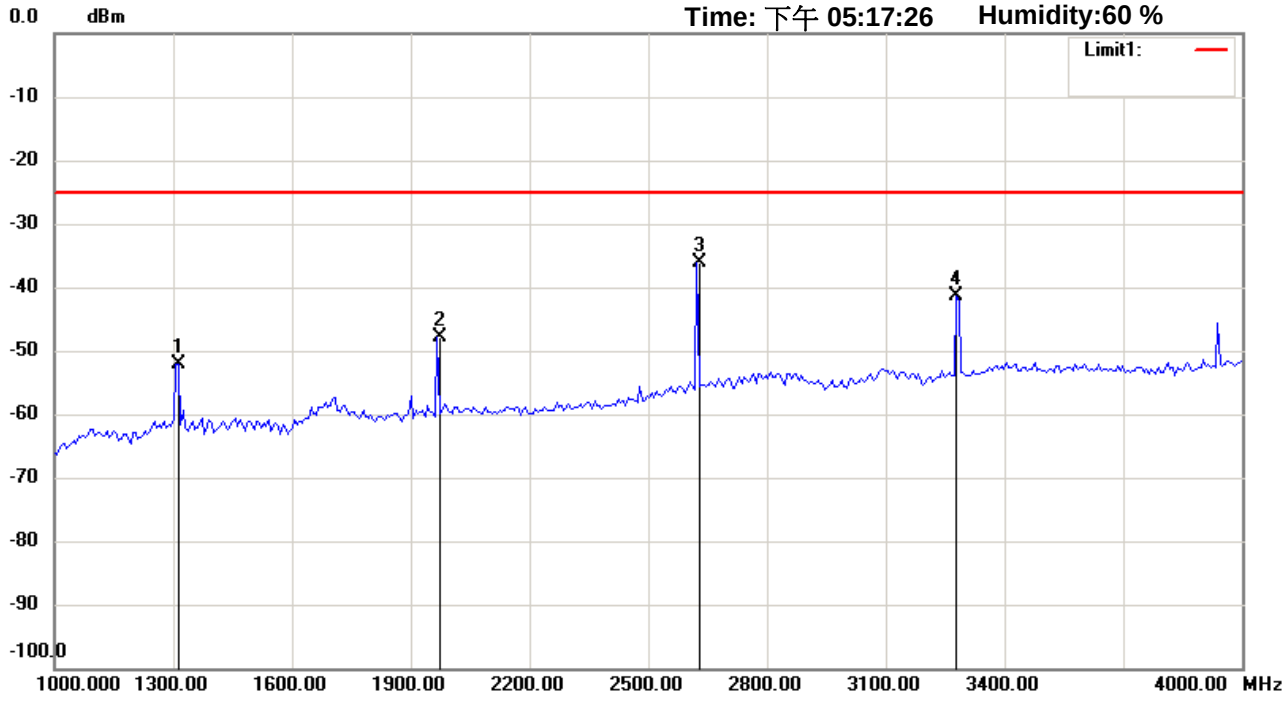
Radiated Emission Measurement

Operator: Robert

File :3 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 05:17:26 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1312.625	-53.02	peak	0.88	-52.14	-25.00	150	100	-27.14	
	1967.936	-50.73	peak	2.77	-47.96	-25.00	150	280	-22.96	
*	2623.247	-43.34	peak	7.27	-36.07	-25.00	150	190	-11.07	
	3278.557	-50.15	peak	8.83	-41.32	-25.00	150	200	-16.32	

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

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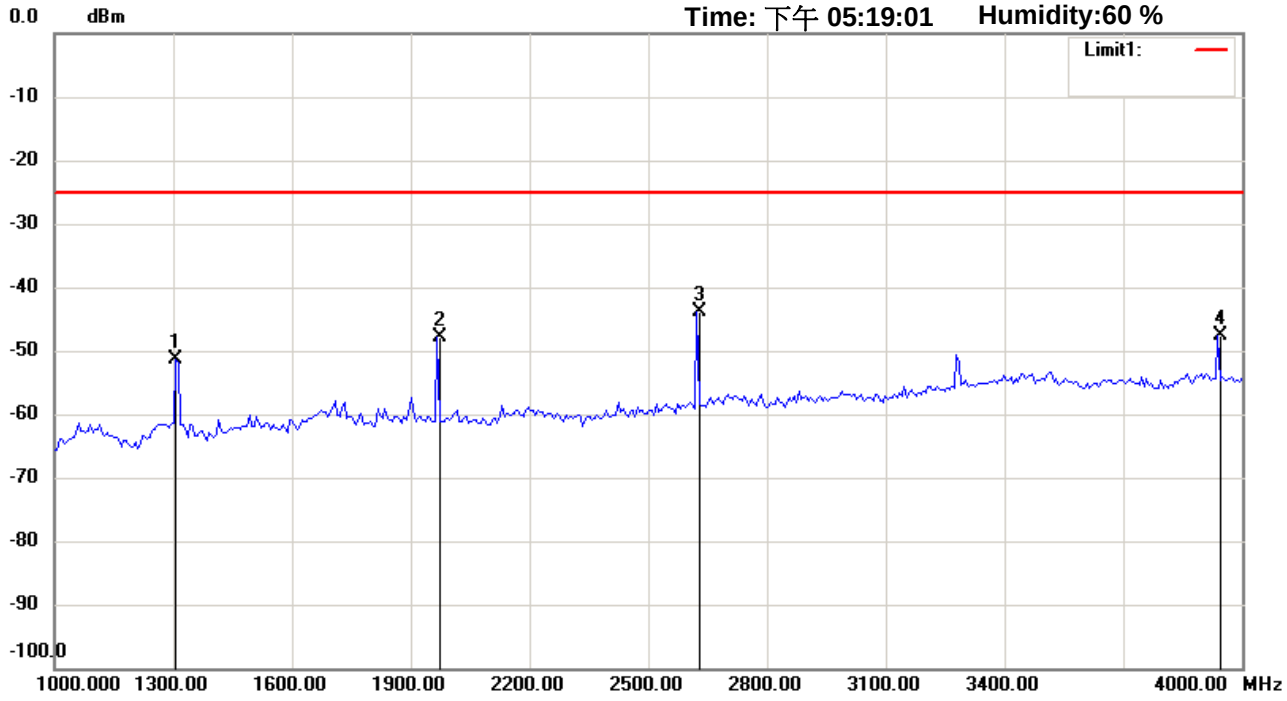
Radiated Emission Measurement

Operator: Robert

File :3 Data :#3 Date: 2015/1/19 Time: 下午 05:19:01

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1306.613	-52.43	peak	1.03	-51.40	-25.00	150	250	-26.40	
	1967.936	-49.31	peak	1.55	-47.76	-25.00	150	30	-22.76	
*	2623.247	-48.18	peak	4.21	-43.97	-25.00	150	190	-18.97	
	3939.880	-56.75	peak	9.05	-47.70	-25.00	150	270	-22.70	

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

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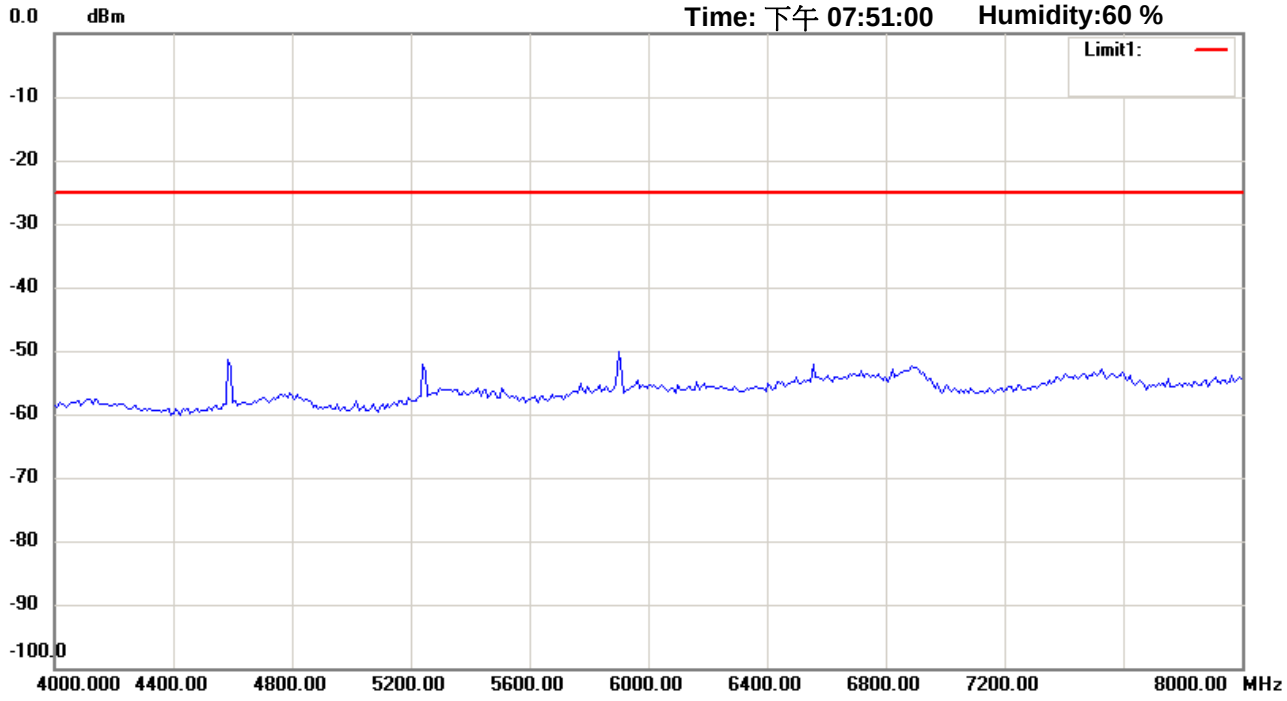
Radiated Emission Measurement

Operator: Robert

File :3 Data :#2 Date: 2015/1/19 Time: 下午 07:51:00

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

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

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

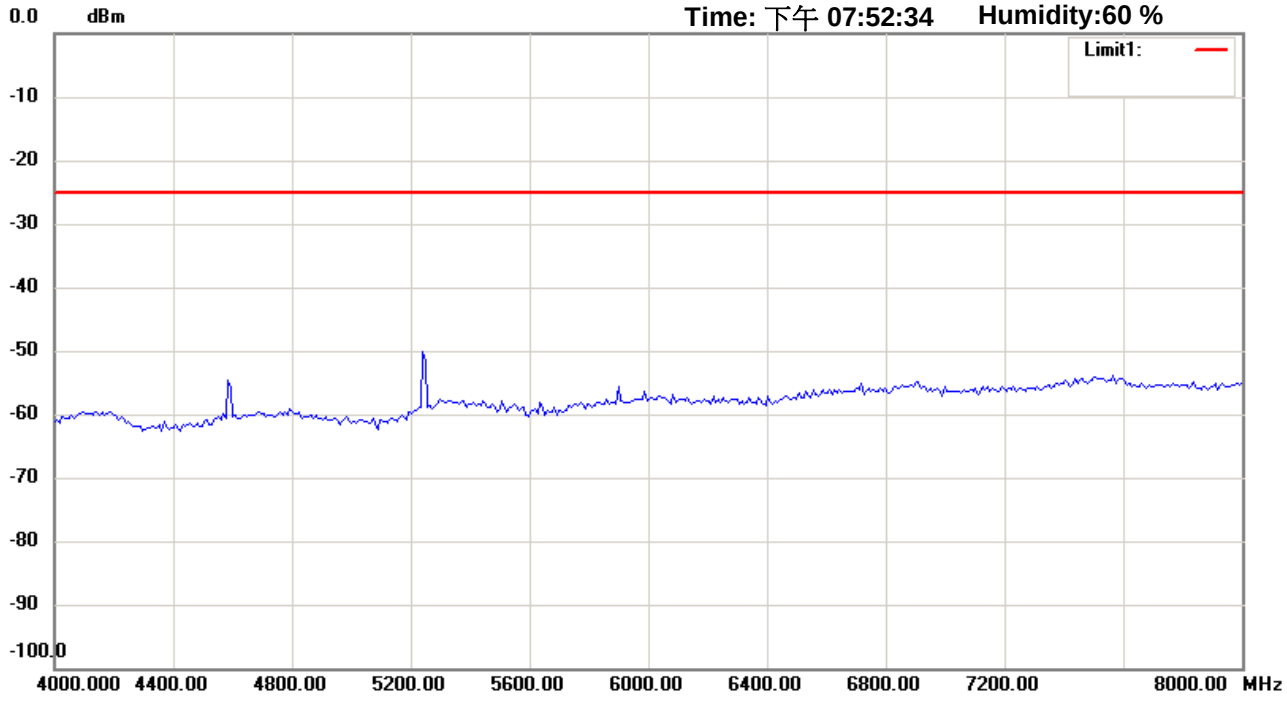
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :3 Data :#4 Date: 2015/1/19 Time: 下午 07:52:34

Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 655.95MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

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

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

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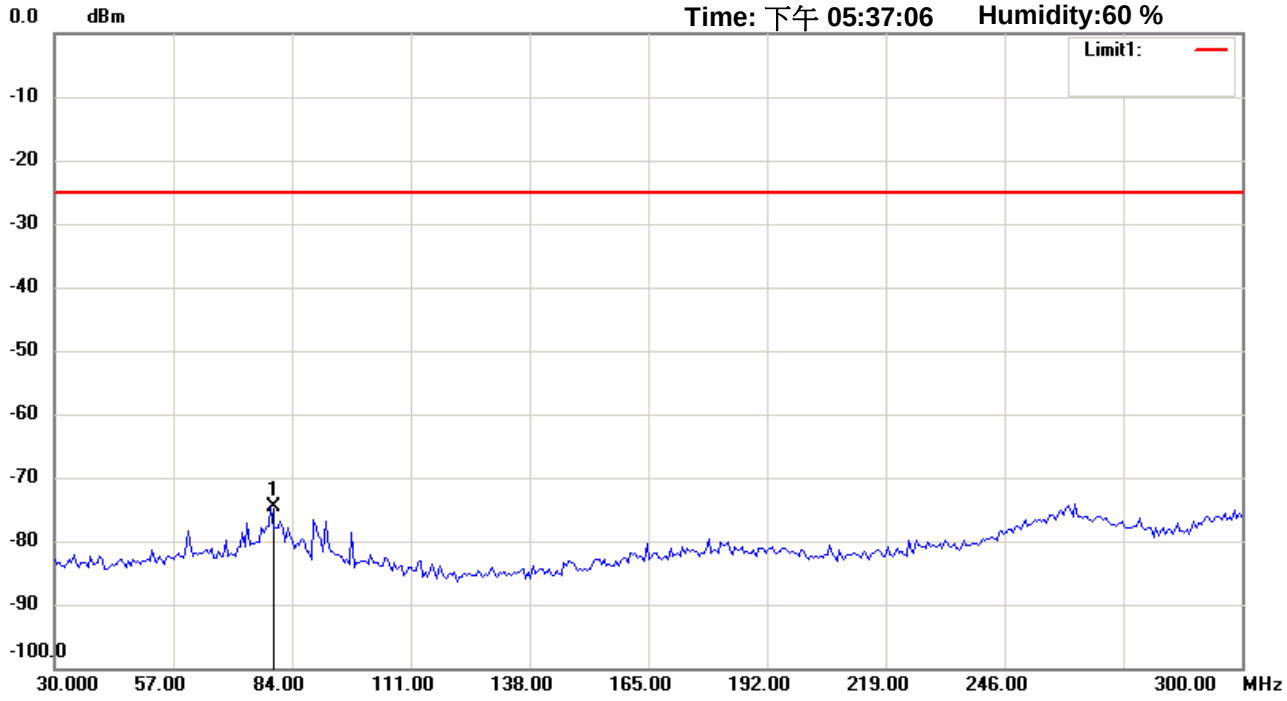
Radiated Emission Measurement

Operator: Robert

File :1 Data :#2 Date: 2015/1/19 Time: 下午 05:37:06 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	79.2386	-98.23	peak	23.51	-74.72	-25.00	150	270	-49.72	

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

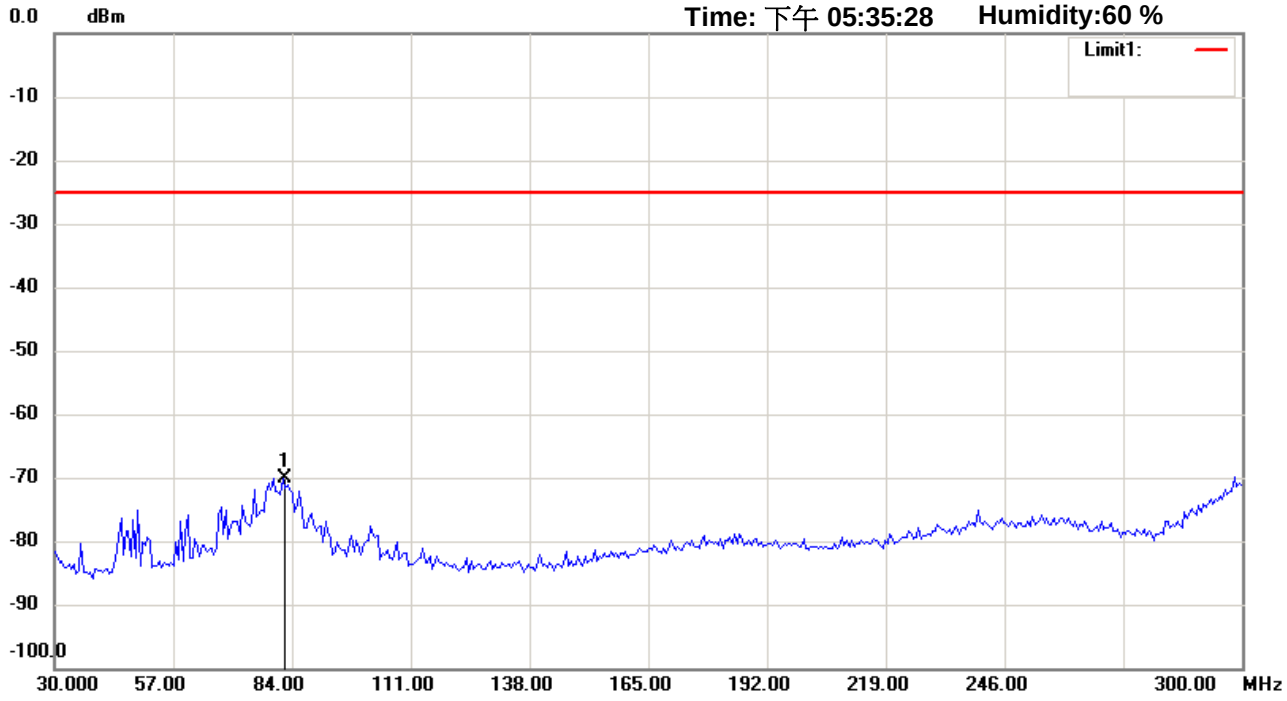
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :1 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 05:35:28 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	81.9440	-93.37	peak	23.29	-70.08	-25.00	150	190	-45.08	

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

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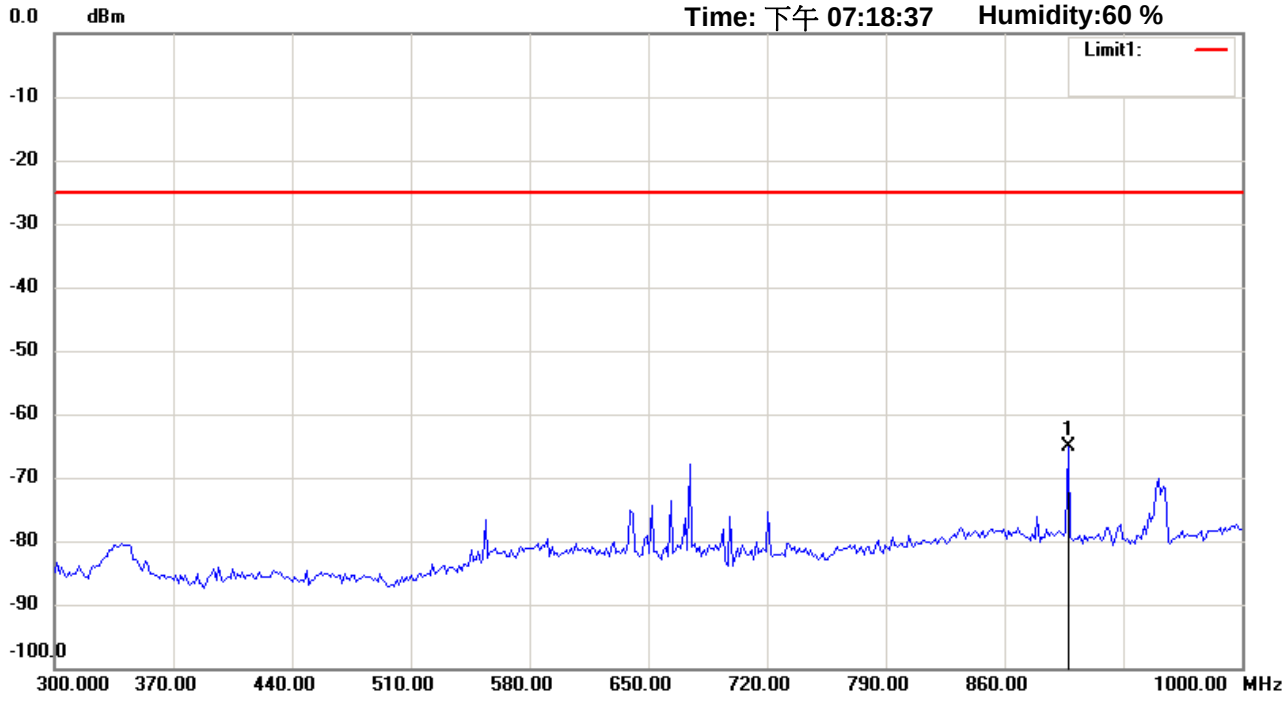
Radiated Emission Measurement

Operator: Robert

File :2 Data :#1 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 07:18:37 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	897.5952	-62.68	peak	-2.44	-65.12	-25.00	150	240	-40.12	

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

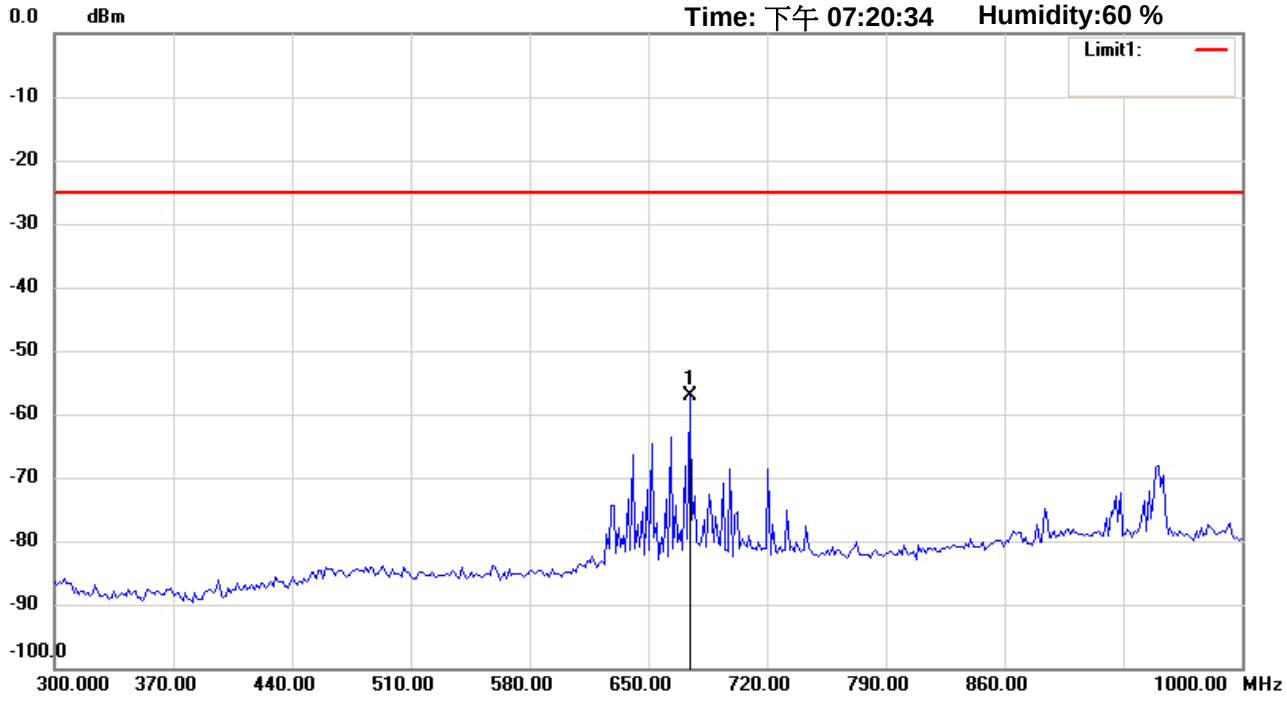
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Robert

File :2 Data :#2 Date: 2015/1/19 Temperature:24 ℃

Time: 下午 07:20:34 Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

Distance: 3m

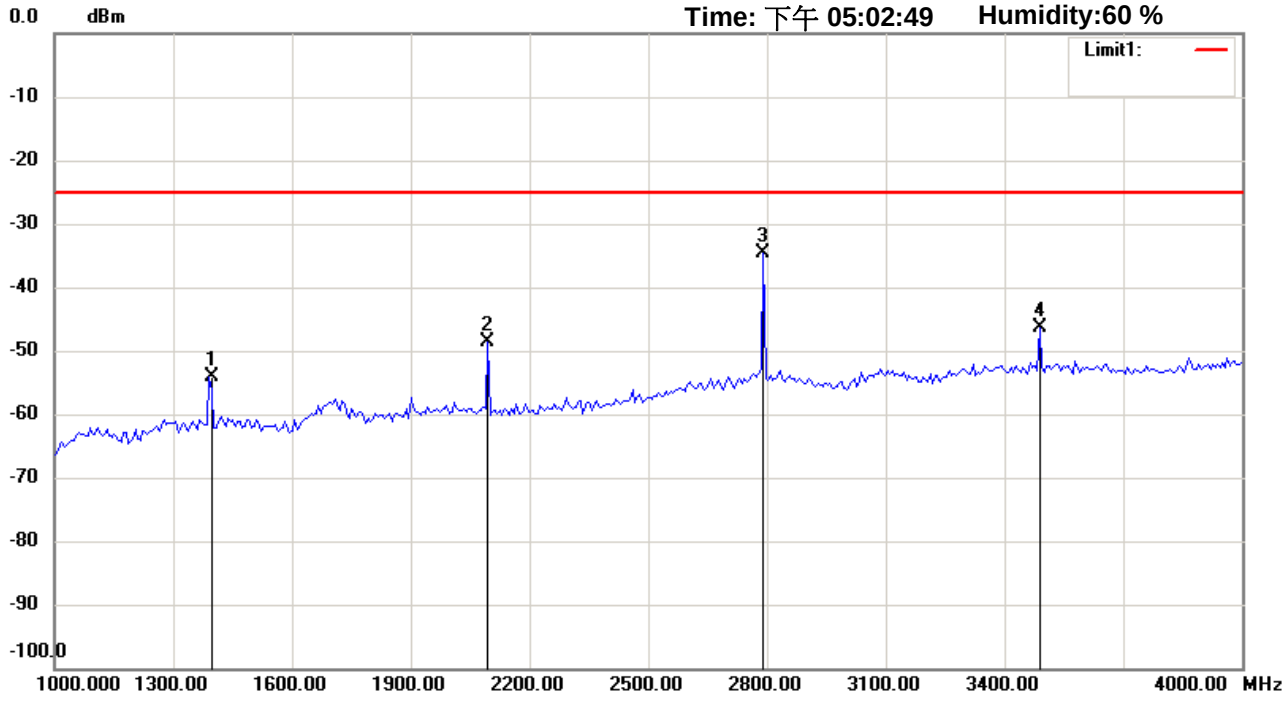
Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	674.5490	-53.01	peak	-4.21	-57.22	-25.00	150	240	-32.22	

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

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

Radiated Emission Measurement

Operator: Robert
File :3 Data :#1 Date: 2015/1/19 Temperature:24 ℃
Time: 下午 05:02:49 Humidity:60 %



Site : Chamber
Condition : IC RSS-210 spurious emission
EUT : W6M21501-14749
M/N:
Test Mode : 697.8MHz
Note :

Polarization: *Horizontal*
Power : 1.5 Vd.c.
Distance: 3m

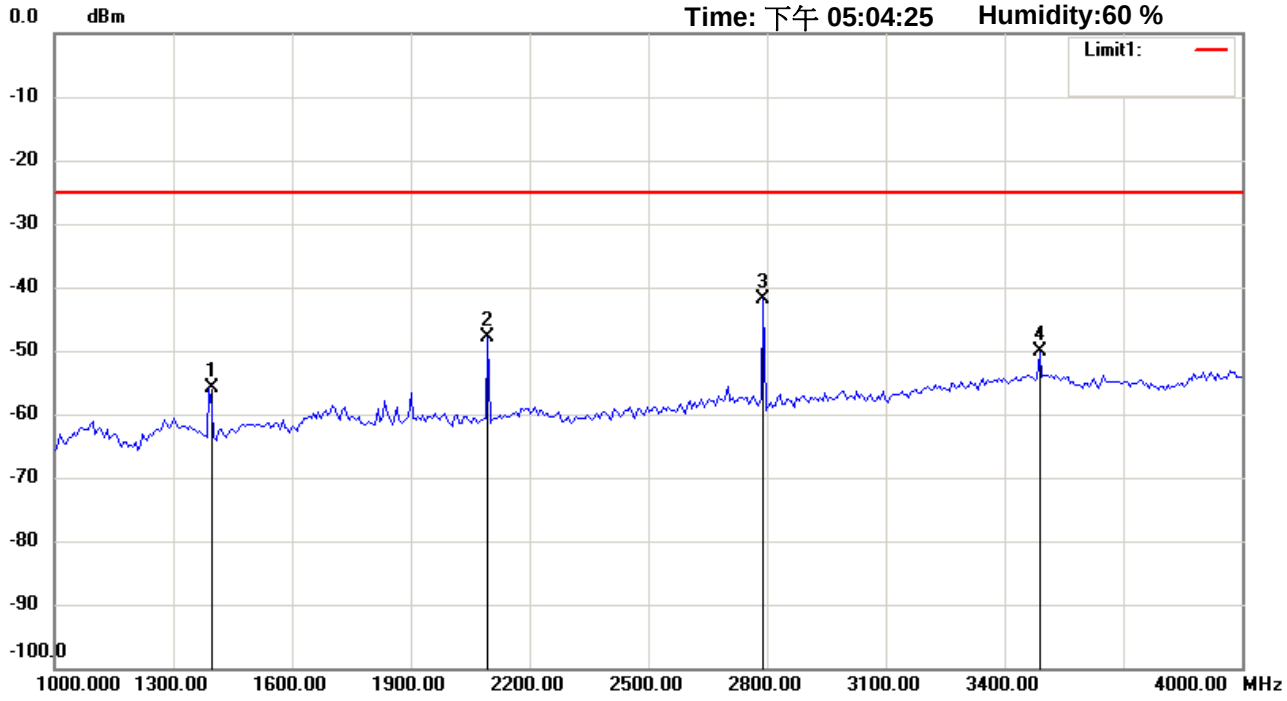
Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1390.782	-54.66	peak	0.44	-54.22	-25.00	150	190	-29.22	
	2094.188	-50.86	peak	2.28	-48.58	-25.00	150	160	-23.58	
*	2791.583	-42.93	peak	8.26	-34.67	-25.00	150	100	-9.67	
	3488.978	-56.02	peak	9.60	-46.42	-25.00	150	270	-21.42	

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

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

Radiated Emission Measurement

Operator: Robert
File :3 Data :#3 Date: 2015/1/19
Temperature:24 ℃
Time: 下午 05:04:25 Humidity:60 %



Site : Chamber
Condition : IC RSS-210 spurious emission
EUT : W6M21501-14749
M/N:
Test Mode : 697.8MHz
Note :

Polarization: *Vertical*
Power : 1.5 Vd.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1390.782	-54.85	peak	-0.99	-55.84	-25.00	150	260	-30.84	
	2094.188	-49.05	peak	1.07	-47.98	-25.00	150	150	-22.98	
*	2791.583	-45.75	peak	3.91	-41.84	-25.00	150	140	-16.84	
	3488.978	-58.28	peak	8.26	-50.02	-25.00	150	190	-25.02	

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

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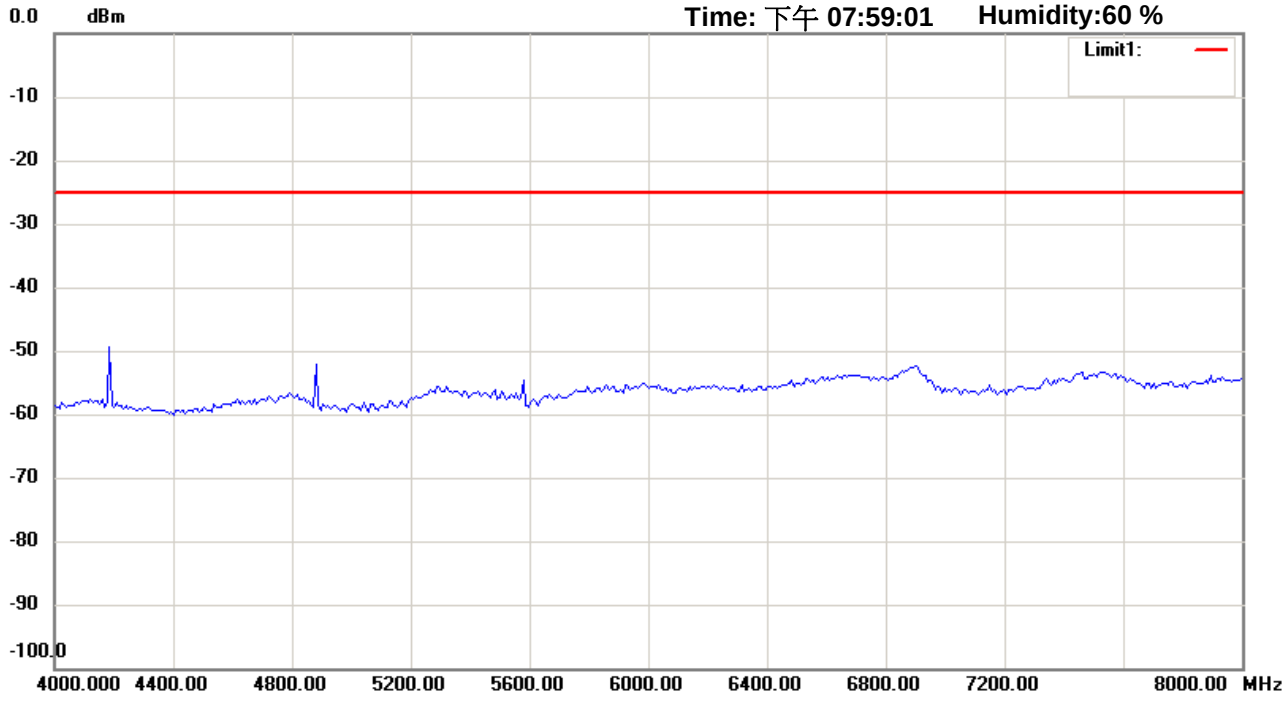
Radiated Emission Measurement

Operator: Robert

File :3 Data :#2 Date: 2015/1/19 Time: 下午 07:59:01 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Horizontal*

Power : 1.5 Vd.c.

Distance: 3m

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

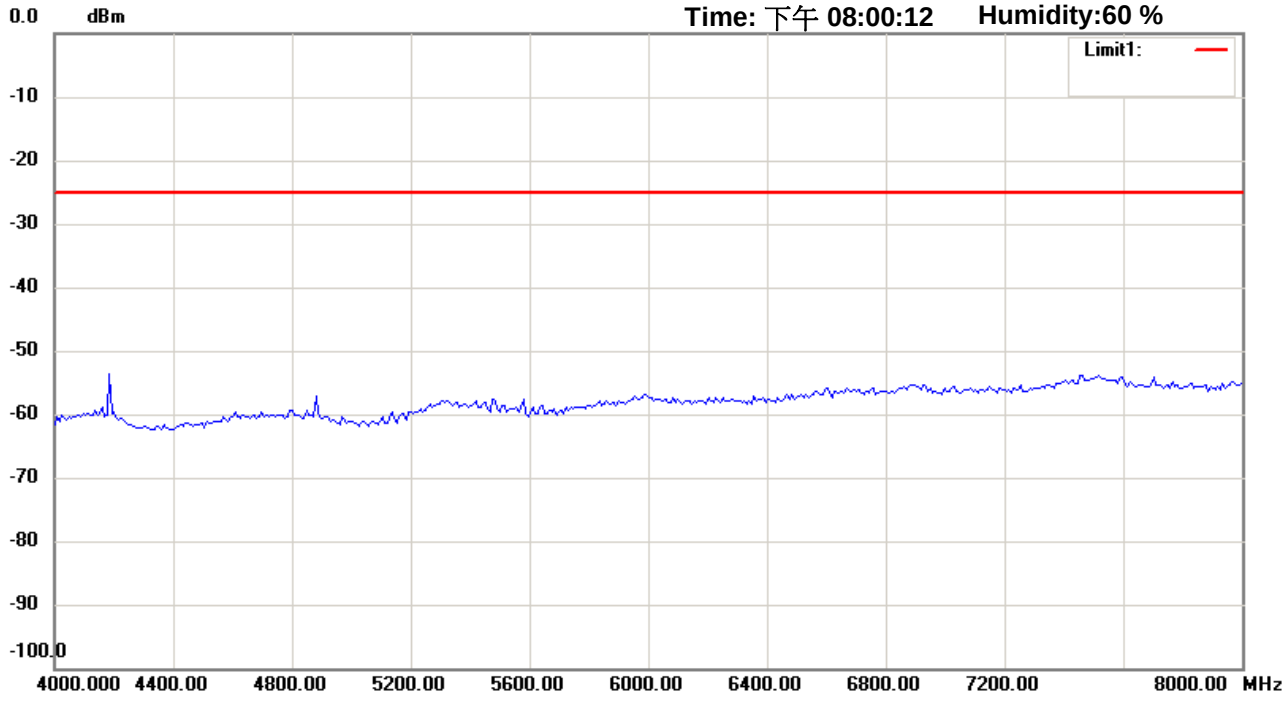
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Robert

File :3 Data :#4 Date: 2015/1/19 Time: 下午 08:00:12 Temperature:24 ℃ Humidity:60 %



Site : Chamber

Condition : IC RSS-210 spurious emission

EUT : W6M21501-14749

M/N:

Test Mode : 697.8MHz

Note :

Polarization: *Vertical*

Power : 1.5 Vd.c.

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