

FCC PART 15 SUBPART C TEST REPORT

for

Notebook Computer

Model No.: RW11

FCC ID: IR5RW11

of

Applicant: MilDef Crete Inc.

**Address: 7F, No.250, Sec.3, Pei Shen Rd., Shen Keng District,
New Taipei City Taiwan**

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: 930600

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

A2LA Accredited No.: 2732.01



Report No.: W6M21512-15493-C-1

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.
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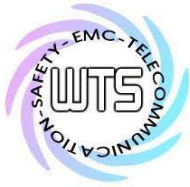
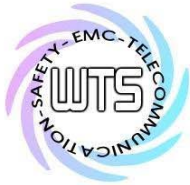


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1 General Information

1.1 Notes

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.

The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.

Furthermore, there is no guarantee that a test sample which has passed all the relevant tests conforms to a specification.

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems. The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications equipment.

The test results of this test report relate exclusively to the item tested as specified in 1.5.

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Specific Conditions:

Usage of the hereunder tested device in combination with other integrated or external antennas requires at least additional output power measurements, spurious emission measurements, conducted emission measurements (AC supply lines) and radio frequency exposure evaluations for each individual configuration performed, for certification by FCC.

Tester:

March 07, 2016

Kent Lin

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

March 07, 2016

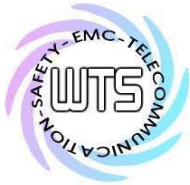
Kevin Wang

Date

WTS

Name

Signature



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11

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

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

Name: ./.

Accredited number: ./.

Street: ./.

Town: ./.

Country: ./.

Telephone: ./.

Fax: ./.

1.3 Details of approval holder

Name: MilDef Crete Inc.

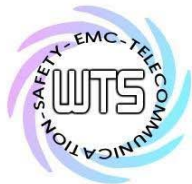
Street: 7F, No.250, Sec.3, Pei Shen Rd., Shen Keng District,

Town: New Taipei City

Country: Taiwan

Telephone: +886-2-2662-6074

Fax: +886-2-2662-6079



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1.4 Application details

Date of receipt of test item: December 28, 2015

Date of test: from December 29, 2015 to March 07, 2016

1.5 General information of Test item

Type of test item: Notebook Computer

Model Number: RW11

Brand Name: ./.

Multi-listing model number: ./.

Photos: see Appendix

Technical data

Frequency band: 2.4 GHz – 2.4835 GHz

802.11b, g, n 20MHz

Frequency (ch 1): 2.412 GHz

Frequency (ch 6): 2.437 GHz

Frequency (ch 11): 2.462 GHz

802.11n 40MHz

Frequency (ch 1): 2.422 GHz

Frequency (ch 4): 2.437 GHz

Frequency (ch 7): 2.452 GHz

Bluetooth Normal, EDR

Frequency (ch 0): 2.402 GHz

Frequency (ch 39): 2.441 GHz

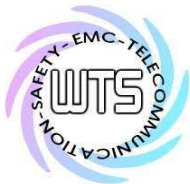
Frequency (ch 78): 2.480 GHz

Bluetooth Low Energy

Frequency (ch 0): 2.402 GHz

Frequency (ch 19): 2.440 GHz

Frequency (ch 39): 2.480 GHz



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Registration number: W6M21512-15493-C-1

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Number of Channels: 802.11b, g, n 20MHz: 11 channels, 11n 40MHz: 7 channels
Bluetooth: 79 channels(normal & EDR), 40channels(LE)

Operation modes: Duplex

Modulation Type: DSSS/OFDM、GFSK、 $\pi/4$ DQPSK、8DPSK

Fixed point-to-point operation: ☐ Yes / ☒ No

Type of Antenna: PIFA antenna

Antenna gain: WLAN: 3.39 dBi (Antenna A)
WLAN&BT: 1.24 dBi (Antenna B)

Directional gain: 5.39 dBi

* According to KDB 662911, Unequal antenna gains, with equal transmit powers. For antenna gains given by $G_1, G_2, \dots, G_N$ dBi. If transmit signals are correlated, then Directional gain $= 10 \log[10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20}]^2 / N$ dBi [Note the "20"s in the denominator of each exponent and the square of the sum of terms; the object is to combine the signal levels coherently.]

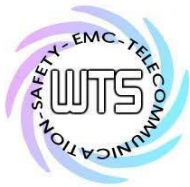
Power supply: Adaptor: (I/P:100-240V ~ 50-60 Hz, 2.8A MAX ;
O/P: 19V, 10.5A)
Battery: 10.8V, 5800mAh x 2
DC 12-32V

Emission designator: 802.11b: DSSS: 14M3G1D
802.11g: OFDM: 16M7D1D
802.11n 20MHz: OFDM: 17M9D1D
802.11n 40MHz: OFDM: 36M2D1D
Bluetooth (Normal): 885KF1D
Bluetooth (EDR): 1M39G1D
Bluetooth (Low Energy): 1M05G1D

Host device: none

Classification :

Fixed Device	☐
Mobile Device (Human Body distance > 20cm)	☒
Portable Device (Human Body distance < 20cm)	☐
Modular Radio Device	☐



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Transmitter

Unom

Antenna A

Mode A (802.11b)

Power (ch 1 or A): Conducted: 5.41 dBm
Power (ch 6 or B): Conducted: 4.81 dBm
Power (ch 11 or C): Conducted: 3.93 dBm

Mode B (802.11g)

Power (ch 1 or A): Conducted: 2.48 dBm
Power (ch 6 or B): Conducted: 2.14 dBm
Power (ch 11 or C): Conducted: 1.01 dBm

Mode C (802.11n 20 MHz)

Power (ch 1 or A): Conducted: 2.85 dBm
Power (ch 6 or B): Conducted: 2.66 dBm
Power (ch 11 or C): Conducted: 1.65 dBm

Mode D (802.11n 40 MHz)

Power (ch 1 or A): Conducted: 3.06 dBm
Power (ch 4 or B): Conducted: 6.36 dBm
Power (ch 7 or C): Conducted: 2.86 dBm

Antenna B

Mode E (802.11b)

Power (ch 1 or A): Conducted: 2.48 dBm
Power (ch 6 or B): Conducted: 3.14 dBm
Power (ch 11 or C): Conducted: 4.23 dBm

Mode F (802.11g)

Power (ch 1 or A): Conducted: 2.38 dBm
Power (ch 6 or B): Conducted: 5.59 dBm
Power (ch 11 or C): Conducted: 4.80 dBm

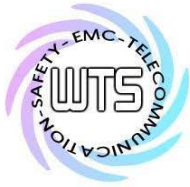
Mode G (802.11n 20 MHz)

Power (ch 1 or A): Conducted: 2.74 dBm
Power (ch 6 or B): Conducted: 6.24 dBm
Power (ch 11 or C): Conducted: 5.03 dBm

Mode H (802.11n 40 MHz)

Power (ch 1 or A): Conducted: 0.19 dBm
Power (ch 4 or B): Conducted: 3.74 dBm
Power (ch 7 or C): Conducted: 3.66 dBm

Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	3.81	6.06	4.64	5.81	7.82	6.67
802.11n 40MHz	3.06	6.70	4.25	4.86	8.26	6.28



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Mode I (Bluetooth Normal mode)

Power (ch 0 or A): Conducted: -1.55 dBm

Power (ch 39 or B): Conducted: -1.13 dBm

Power (ch 78 or C): Conducted: -1.13 dBm

Mode J (Bluetooth EDR mode)

Power (ch 0 or A): Conducted: -2.92 dBm

Power (ch 39 or B): Conducted: -2.41 dBm

Power (ch 78 or C): Conducted: -2.96 dBm

Mode K (Bluetooth Low energy)

Power (ch 0 or A): Conducted: -1.74 dBm

Power (ch 39 or B): Conducted: -1.36 dBm

Power (ch 78 or C): Conducted: -1.46 dBm

Manufacturer: (if applicable)

Name: ./.

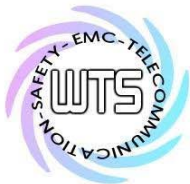
Street: ./.

Town: ./.

Country: ./.

1.6 Test standards

Technical standard : FCC RULES PART 15 SUBPART C § 15.247 (2014-10)



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2 Technical test

2.1 Summary of test results

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



or

The deviations as specified in 2.5 were ascertained in the course of the tests performed.



2.2 Test environment

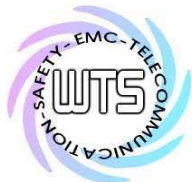
Temperature: 23 °C

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Power supply: Adaptor: (I/P:100-240V ~ 50-60 Hz, 2.8A MAX ;
O/P: 19V, 10.5A)
Battery: 10.8V, 5800mAh x 2
DC 12-32V

Extreme conditions parameters: ./.



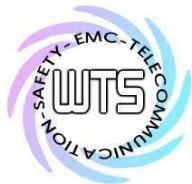
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2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2015/9/4	2016/9/3
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	2015/7/13	2016/7/12
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2015/9/7	2016/9/6
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2015/8/14	2016/8/13
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2015/9/4	2016/9/3
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2015/8/14	2016/8/13
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	2015/6/22	2016/6/21
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2015/6/16	2016/6/15
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2015/3/17	2016/3/16
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2016/1/25	2017/1/24
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2015/3/19	2016/3/18
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2015/3/31	2016/3/30
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	2015/3/19	2016/3/18
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2016/3/1	2017/2/28
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2016/3/1	2017/2/28
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2016/3/1	2017/2/28
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2016/2/27	2017/2/26
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2016/3/1	2017/2/28
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2015/11/25	2016/11/24
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	2015/9/6	2016/9/5
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2015/9/21	2016/9/20
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2016/3/1	2017/2/28
ETSTW-RE 111	TRILOG Super Broadband test Antenna	VULB 9160	9160-3309	Schwarz beck	2015/9/18	2016/9/17
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2016/1/13	2017/1/12
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	

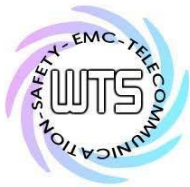


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ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2015/6/8	2016/6/7
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2015/8/11	2016/8/10
ETSTW-RE 126	5GHz Notch filter	5NSL11-5800/E221.3-O/O	1	K&L Microwave	2015/8/11	2016/8/10
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2016/3/1	2017/2/28
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2015/8/11	2016/8/10
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2015/8/11	2016/8/10
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-RE 143	Humidity Temperature Meter	TES-1260	110104623	TES	2015/9/9	2016/9/8
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2015/8/14	2016/8/13
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2016/2/3	2017/2/2
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2016/1/13	2017/1/12
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2016/1/13	2017/1/12
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2016/1/13	2017/1/12
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2016/1/13	2017/1/12
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2015/9/16	2016/9/15
ETSTW-Cable 010	BNC Cable	5 M BNC Cable	None	JYE BAO CO.,LTD.	2015/9/11	2016/9/10
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.	2015/9/11	2016/9/10
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2015/4/23	2016/4/22
ETSTW-Cable 022	N TYPE Cable	5006	0002	JYE BAO CO.,LTD.	2015/3/19	2016/3/18
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2016/3/1	2017/2/28
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2015/5/14	2016/5/13
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2015/9/21	2016/9/20
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2015/9/21	2016/9/20
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S Cable 9)	279067	HUBER+SUHNER	2016/3/1	2017/2/28
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104 (S Cable 10)	238092	HUBER+SUHNER	2015/11/25	2016/11/24
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2015/11/25	2016/11/24
ETSTW-Cable 048	Microwave Cable	SUCOFLEX 104	325518	HUBER+SUHNER	2015/11/25	2016/11/24
ETSTW-Cable 053	N TYPE To SMA Cable	RG142	None	JYE BAO CO.,LTD.	2015/3/19	2016/3/18
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2015/3/19	2016/3/18
WTSTW-SW 002	EMI TEST SOFTWARE	EZ EMC	None	Farad	Version ETS-03A1	



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2.4 General Test Procedure

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI STANDARD C63.10-2013 6.2 using a 50 μ H LISN (if necessary). Both lines were observed. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

RADIATION INTERFERENCE: The test procedure used was according to ANSI STANDARD C63.10-2013 6.3 employing a spectrum analyzer. For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100kHz respectively with an appropriate sweep speed. For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dB μ V) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB.

Example:

Freq (MHz)	METER READING + ACF + CABLE LOSS (to the receiver) = FS
33	20 dB μ V + 10.36 dB + 6 dB = 36.36 dB μ V/m @3m

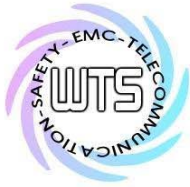
The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m (non metallic table) and arranged according to ANSI C63.10-2013 6.2.2. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

- (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 Worldwide Testing Services(Taiwan) Co., Ltd. at the registered open field test site located at No.5-1, Lishui, Shuang Sing Village, Wanli Dist., New Taipei City 207, Taiwan (R.O.C.). The Registration Number: 930600.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.



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FCC ID: IR5RW11

When the radiated emission limits are expressed in terms of the average value of the emission, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.

The formula is as follows:

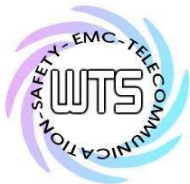
Average = Peak + Duty Factor

Duty Factor = $20 \log (\text{dwell time}/T)$

T = 100ms when the pulse train period is over 100 ms or the period of the pulse train.

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

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



Registration number: W6M21512-15493-C-1

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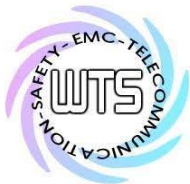
3 Test results (enclosure)

TEST CASE	Para. Number	Required	Test passed	Test failed
Peak Output Power	15.247(b)	☒	☒	☐
Equivalent isotropically radiated Power	15.247(b)	☒	☒	☐
Spurious Emissions radiated – Transmitter operating	15.247(c)	☒	☒	☐
Spurious Emissions conducted – Transmitter operating	15.247	☐	☐	☐
Carrier Frequency Separation	15.247(a) (1)	☒	☒	☐
Number of Hopping Frequencies	15.247(a) (1)(i)	☒	☒	☐
Time of Occupancy (Dwell Time)	15.247(a) (1)(i)	☒	☒	☐
20 dB Bandwidth	15.247(a) (1)(i)	☒	☒	☐
Minimum 6 dB Bandwidth	15.247(a)(2)	☒	☒	☐
Band-edge Compliance of RF Emission	15.247(d)	☒	☒	☐
Peak Power Spectral Density	15.247(e)	☒	☒	☐
Radiated Emission from Digital Part	15.109	☐	☐	☐
Power Line Conducted Emission	15.207(a)	☒	☒	☐

Note:

1. This EUT incorporates a MIMO function with IEEE 802.11b, 802.11g, and 802.11n. Physically, this EUT includes two transmitters and two receivers with two incoherent streams. This device uses multiplexing and also employ cyclic delay diversity to improve range and throughput, and this device simultaneously operates on two adjacent channels.
2. This EUT is 2*2 spatial MIMO (2Tx&2Rx) without beam forming function. That operates dual chain configuration. The Pre-test was performed to determine the worst case mode from all possible combinations between all available modulations, data rates, bandwidths, and spatial stream modes.
3. The detail of chosen mode for full testing are as below:

Mode	Available channel	Chosen Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11b	1 to 11	1,6,11	DSSS	DBPSK, DQPSK, CCK	1
802.11g	1 to 11	1,6,11	OFDM	BPSK, QPSK, 16QAM, 64QAM	6
802.11n (20MHz)	1 to 11	1,6,11	OFDM	BPSK, QPSK, 16QAM, 64QAM	6.5
802.11n (40MHz)	1 to 7	1,4,7	OFDM	BPSK, QPSK, 16QAM, 64QAM	13.5



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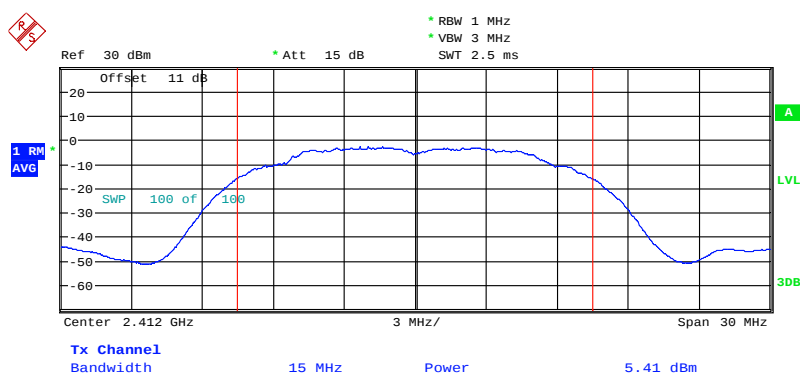
3.1 Peak Output Power (transmitter)

FCC Rule: 15.247(b)(3)

This measurement applies to equipment with an integral antenna and to equipment with an antenna connector and equipped with an antenna as declared by the applicant.

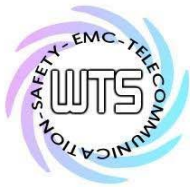
The power was measured with modulation (declared by the applicant).

Mode A



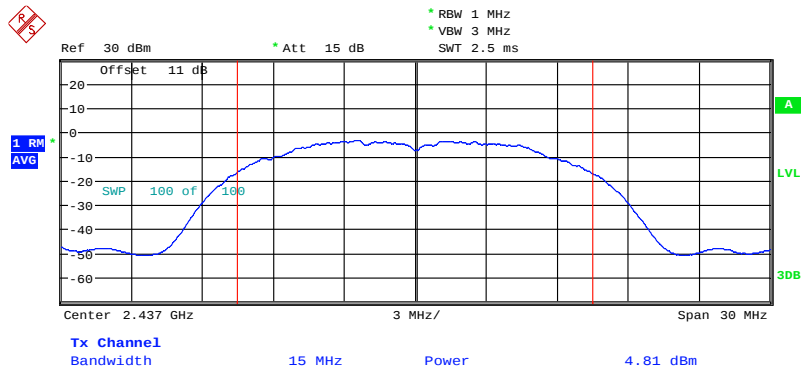
MAX OUTPUT POWER 802.11B CH01

Date: 6.JAN.2016 14:51:55

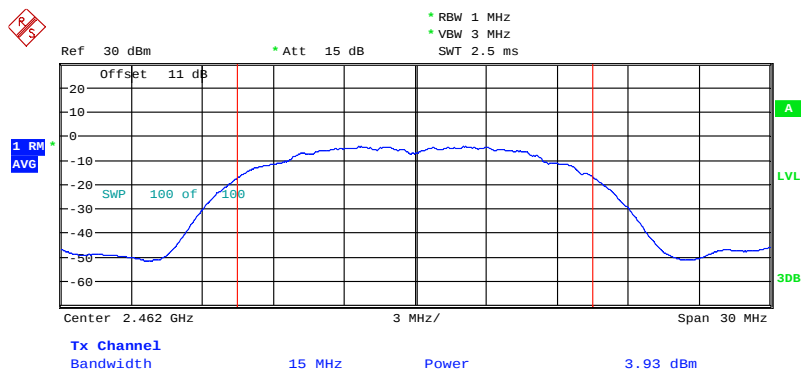


Worldwide Testing Services(Taiwan) Co., Ltd.

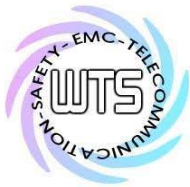
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



MAX OUTPUT POWER 802.11B CH06
Date: 6.JAN.2016 14:52:57

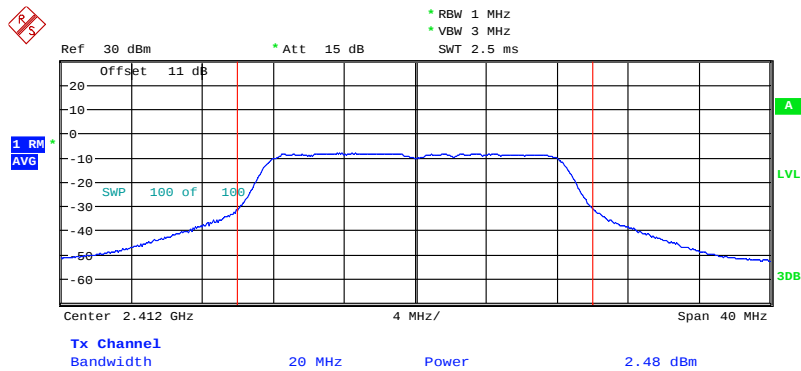


MAX OUTPUT POWER 802.11B CH11
Date: 6.JAN.2016 14:53:53

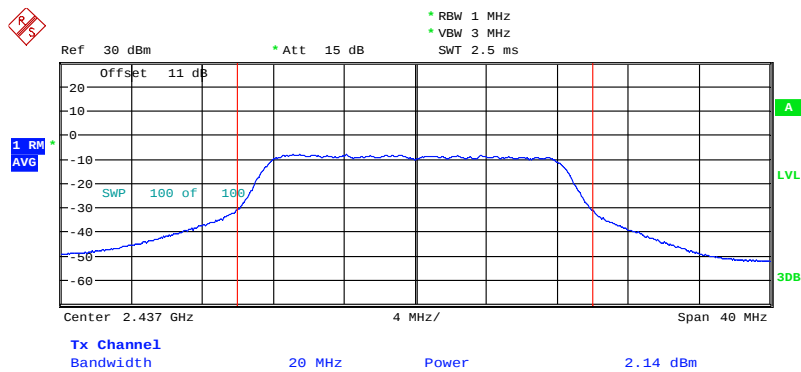


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

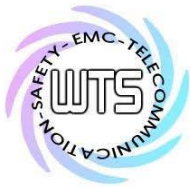
Mode B



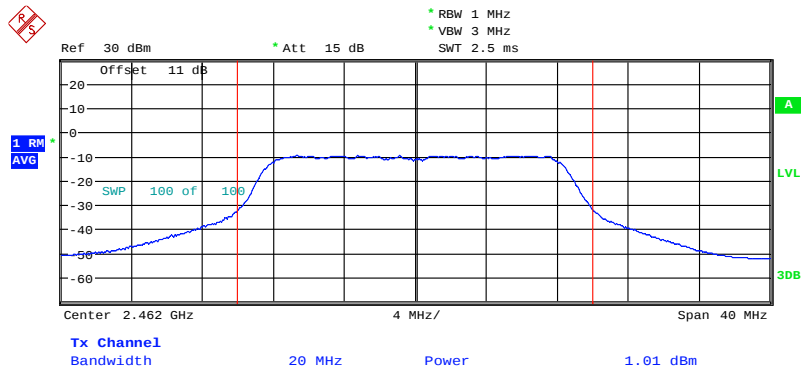
MAX OUTPUT POWER 802.11G CH01
Date: 6.JAN.2016 14:54:34



MAX OUTPUT POWER 802.11G CH06
Date: 6.JAN.2016 14:55:14

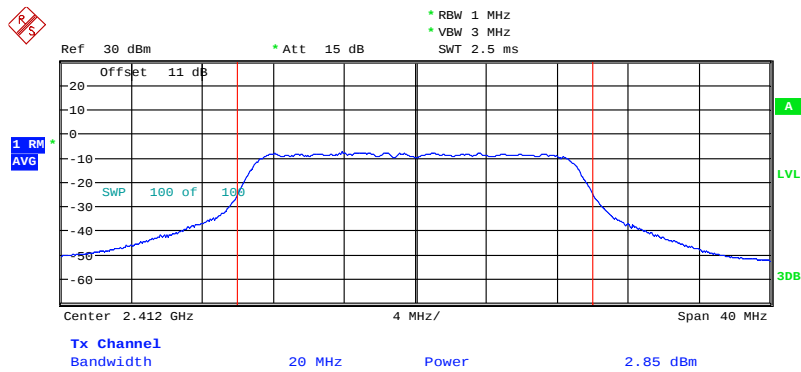


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

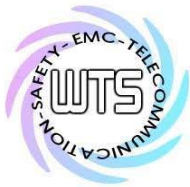


MAX OUTPUT POWER 802.11G CH11
Date: 6.JAN.2016 14:55:49

Mode C

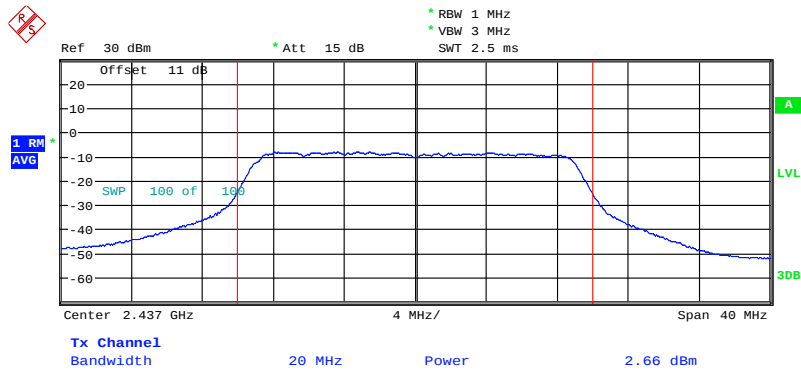


MAX OUTPUT POWER 802.11N 20MHZ CH01
Date: 6.JAN.2016 14:56:32

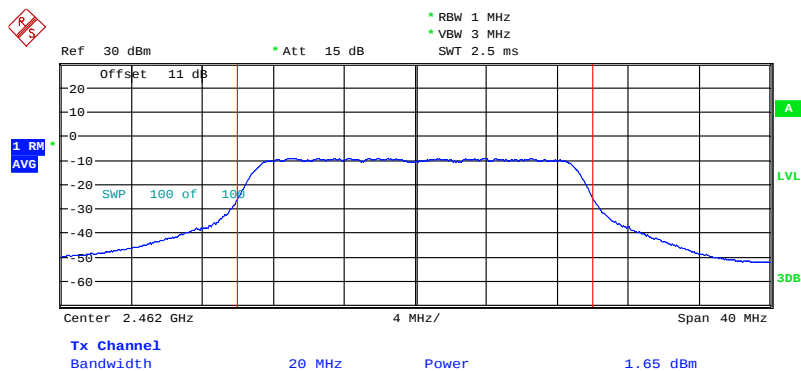


Worldwide Testing Services(Taiwan) Co., Ltd.

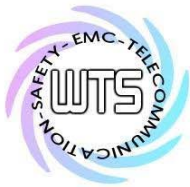
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



MAX OUTPUT POWER 802.11N 20MHZ CH06
Date: 6.JAN.2016 14:57:11



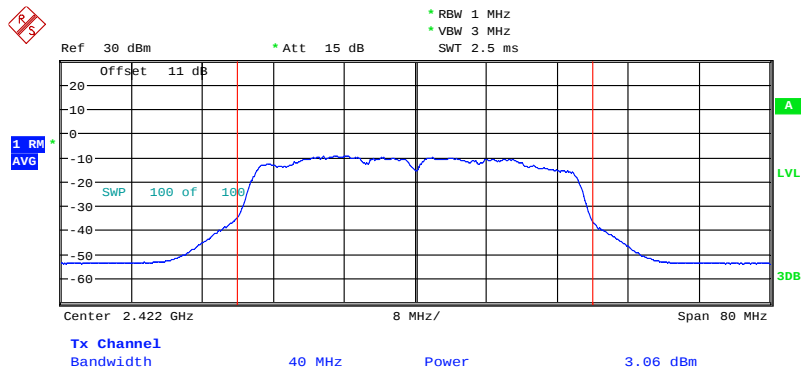
MAX OUTPUT POWER 802.11N 20MHZ CH11
Date: 6.JAN.2016 14:57:47



Registration number: W6M21512-15493-C-1

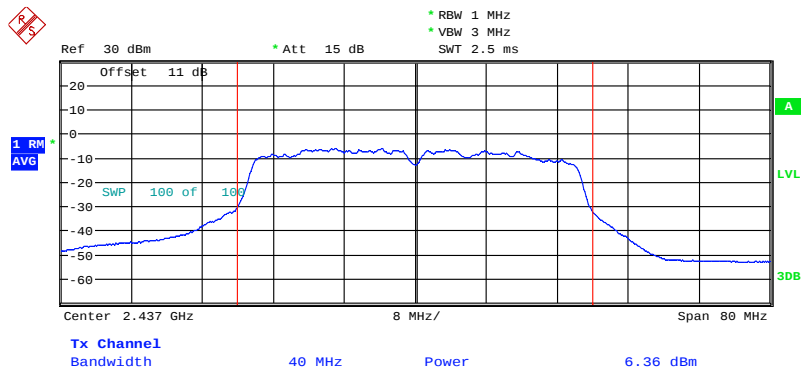
FCC ID: IR5RW11

Mode D



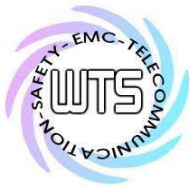
MAX OUTPUT POWER 802.11N 40MHZ CH01

Date: 6.JAN.2016 14:58:31

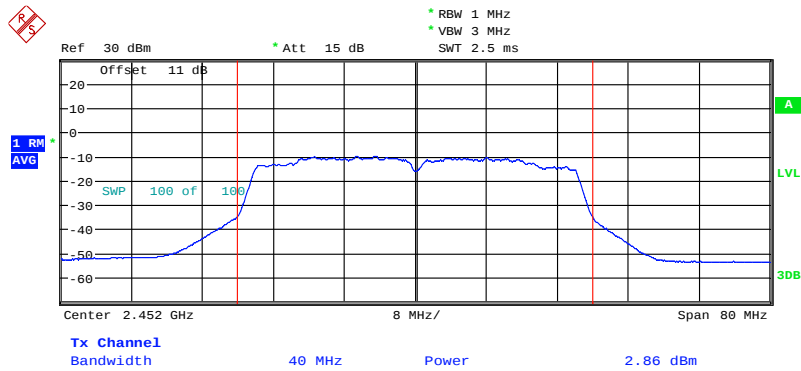


MAX OUTPUT POWER 802.11N 40MHZ CH04

Date: 6.JAN.2016 14:59:11

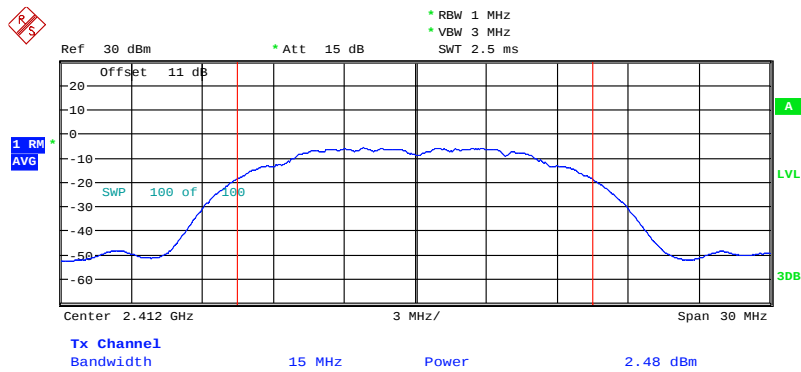


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

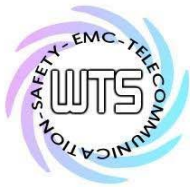


MAX OUTPUT POWER 802.11N 40MHZ CH07
Date: 6.JAN.2016 14:59:47

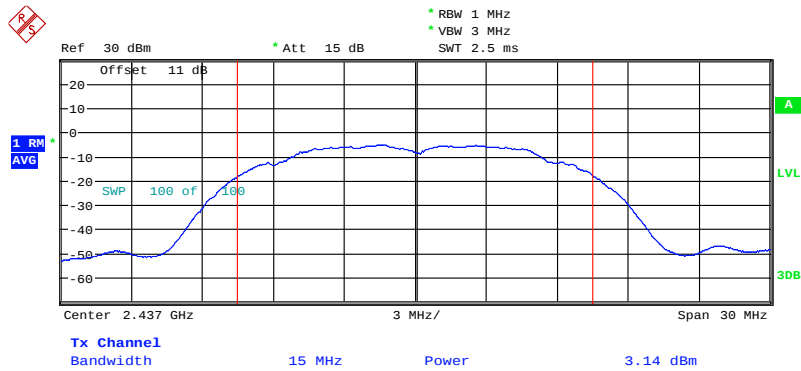
Mode E



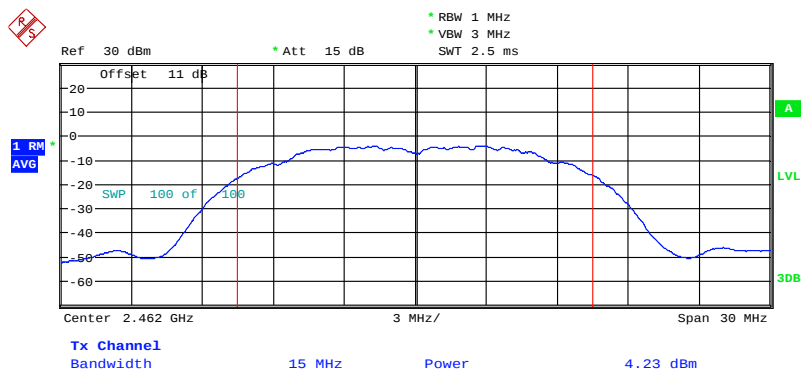
MAX OUTPUT POWER 802.11B CH01
Date: 6.JAN.2016 15:03:29



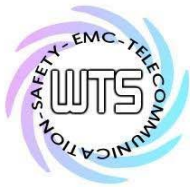
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



MAX OUTPUT POWER 802.11B CH06
Date: 6.JAN.2016 15:04:11



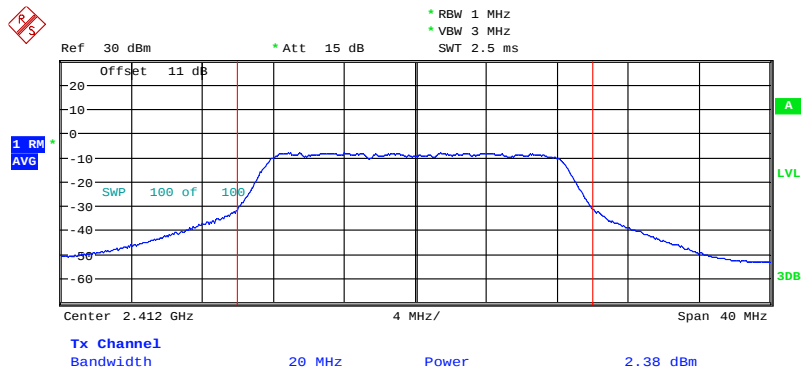
MAX OUTPUT POWER 802.11B CH11
Date: 6.JAN.2016 15:04:46



Registration number: W6M21512-15493-C-1

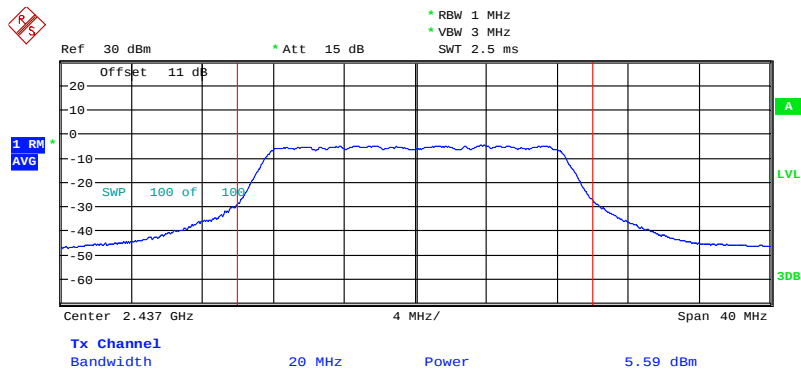
FCC ID: IR5RW11

Mode F



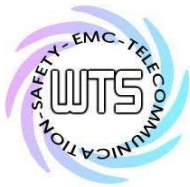
MAX OUTPUT POWER 802.11G CH01

Date: 6.JAN.2016 15:05:32



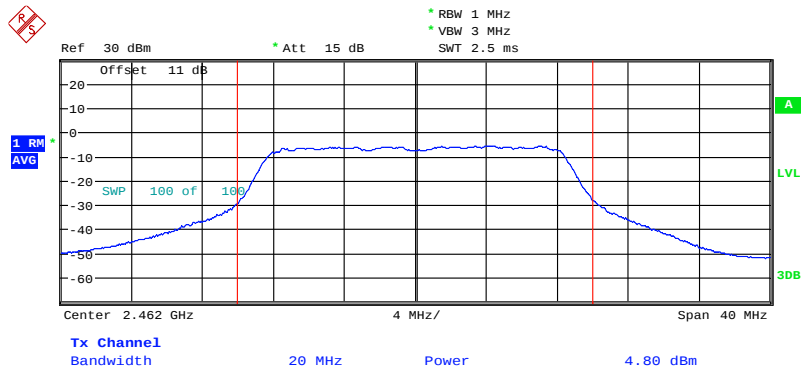
MAX OUTPUT POWER 802.11G CH06

Date: 6.JAN.2016 15:06:12



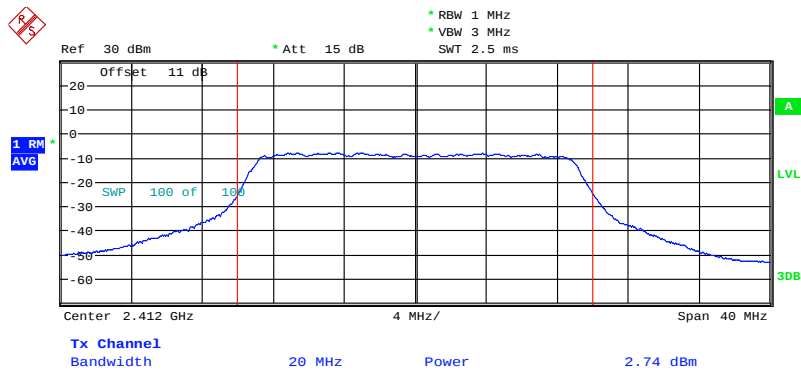
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

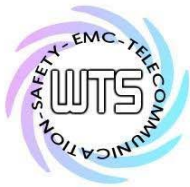


MAX OUTPUT POWER 802.11G CH11
Date: 6.JAN.2016 15:06:55

Mode G

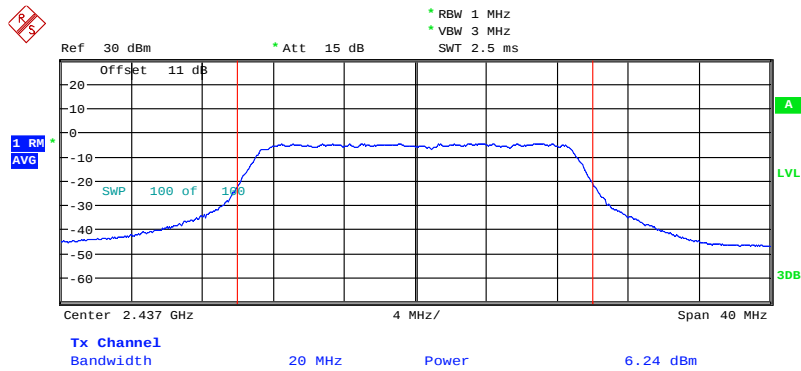


MAX OUTPUT POWER 802.11N 20MHZ CH01
Date: 6.JAN.2016 15:07:35

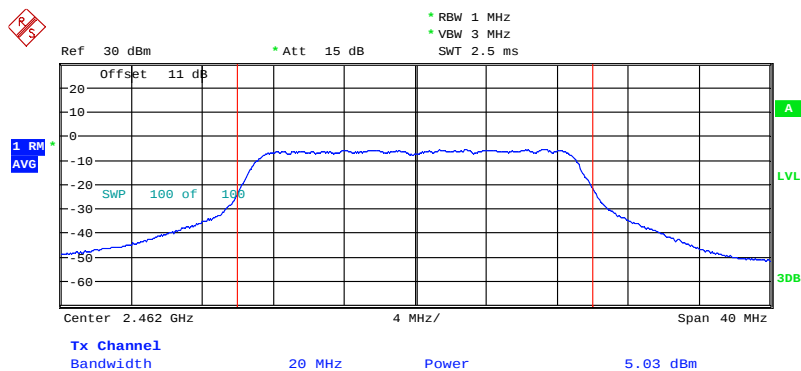


Worldwide Testing Services(Taiwan) Co., Ltd.

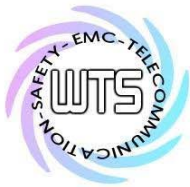
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



MAX OUTPUT POWER 802.11N 20MHZ CH06
Date: 6.JAN.2016 15:08:11



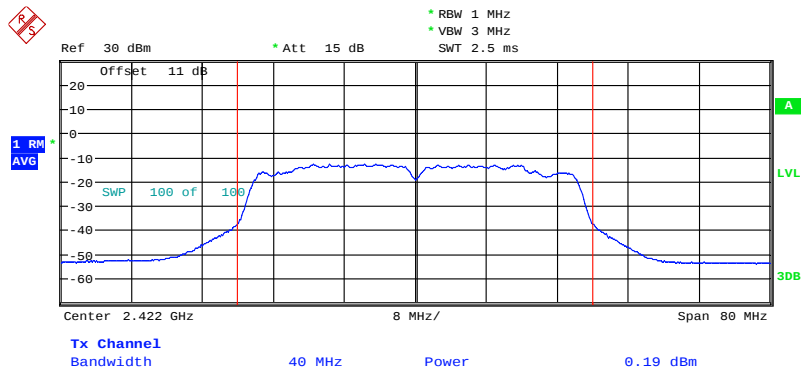
MAX OUTPUT POWER 802.11N 20MHZ CH11
Date: 6.JAN.2016 15:08:45



Registration number: W6M21512-15493-C-1

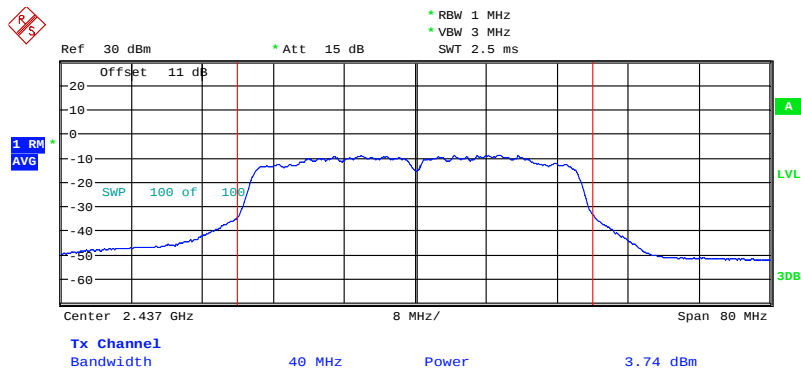
FCC ID: IR5RW11

Mode H



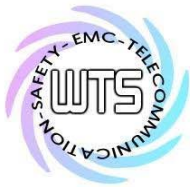
MAX OUTPUT POWER 802.11N 40MHZ CH01

Date: 6.JAN.2016 15:09:28

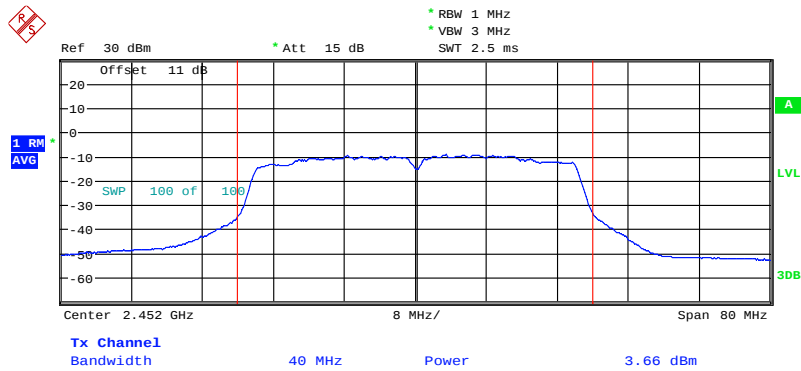


MAX OUTPUT POWER 802.11N 40MHZ CH04

Date: 6.JAN.2016 15:10:10

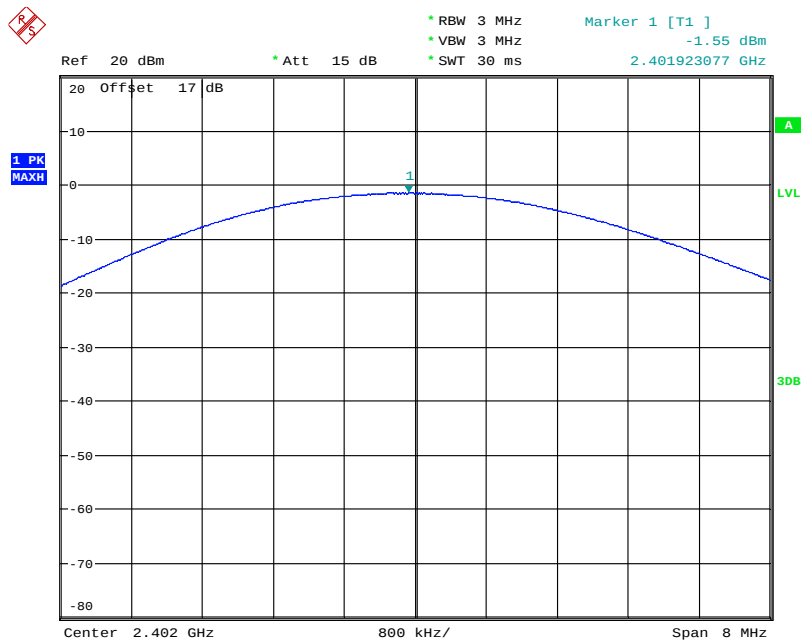


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

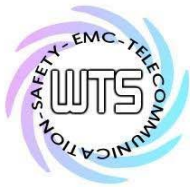


MAX OUTPUT POWER 802.11N 40MHZ CH07
Date: 6.JAN.2016 15:10:46

Mode I

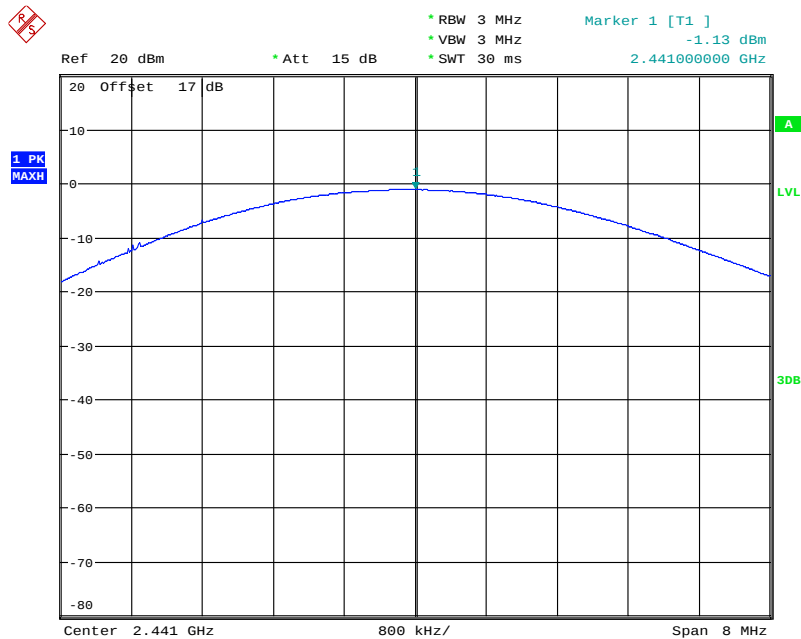


MAX OUTPUT POWER CH0
Date: 6.JAN.2016 14:02:32

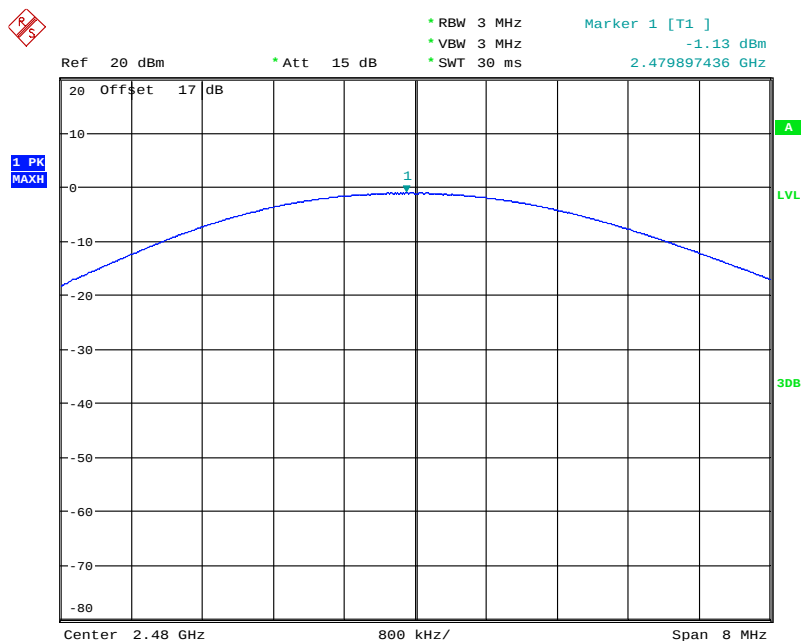


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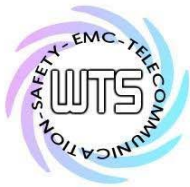
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



MAX OUTPUT POWER CH39
Date: 6.JAN.2016 14:03:52



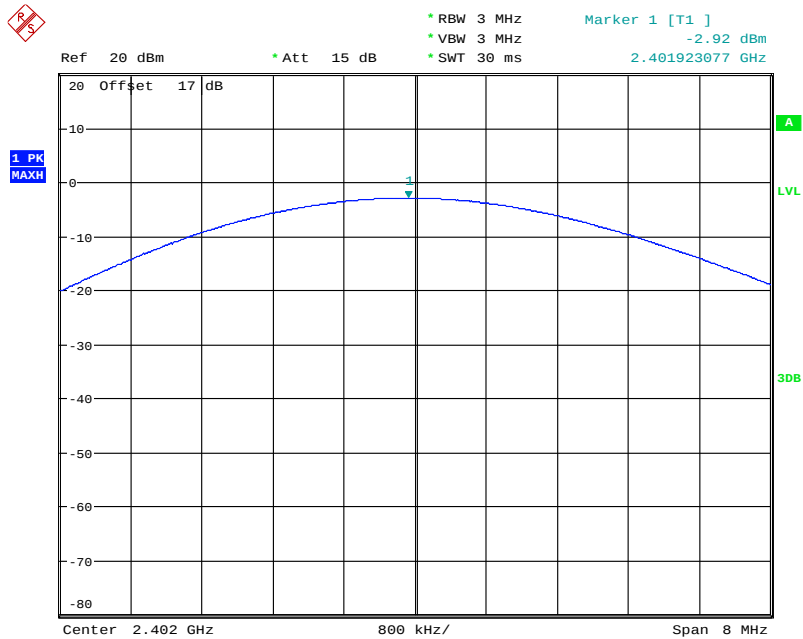
MAX OUTPUT POWER CH78
Date: 6.JAN.2016 14:04:24



Registration number: W6M21512-15493-C-1

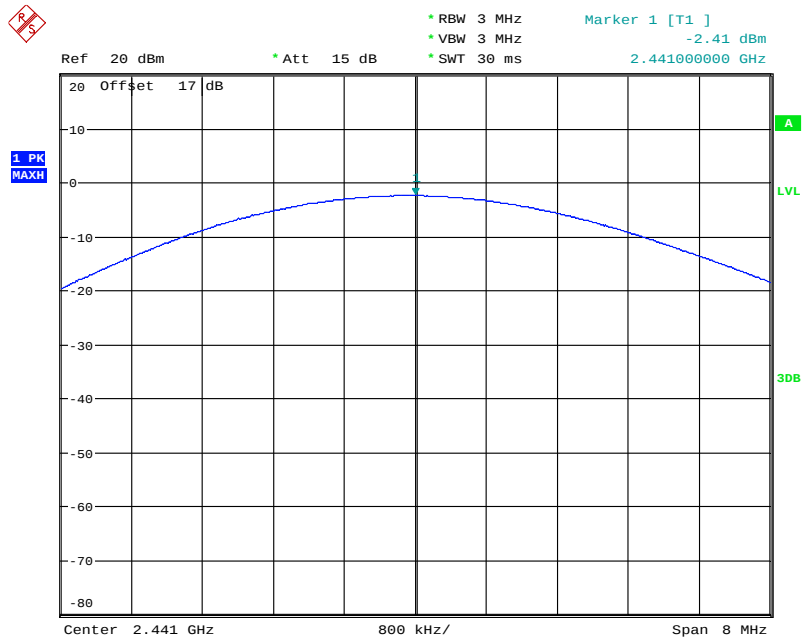
FCC ID: IR5RW11

Mode J



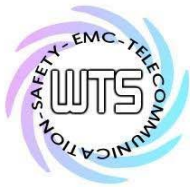
MAX OUTPUT POWER CH0 EDR MODE

Date: 6.JAN.2016 14:10:52

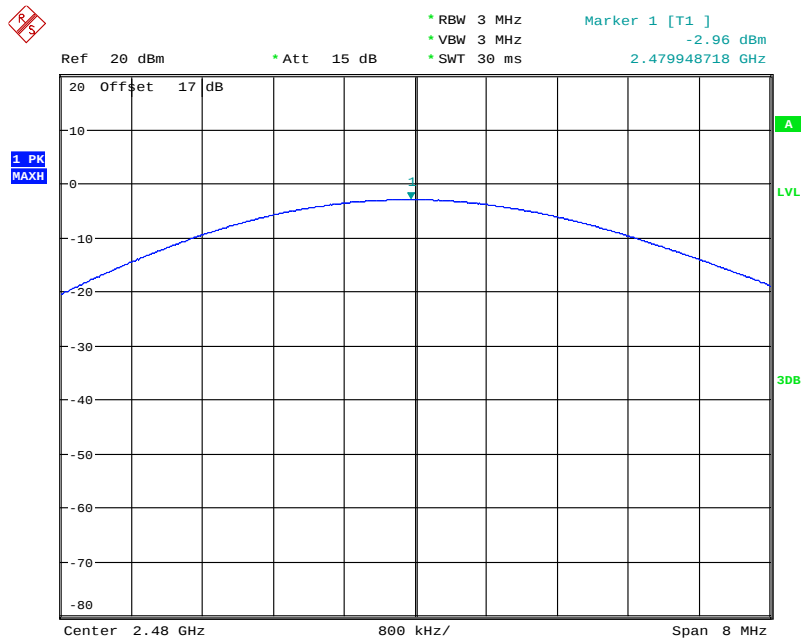


MAX OUTPUT POWER CH39 EDR MODE

Date: 6.JAN.2016 14:11:36

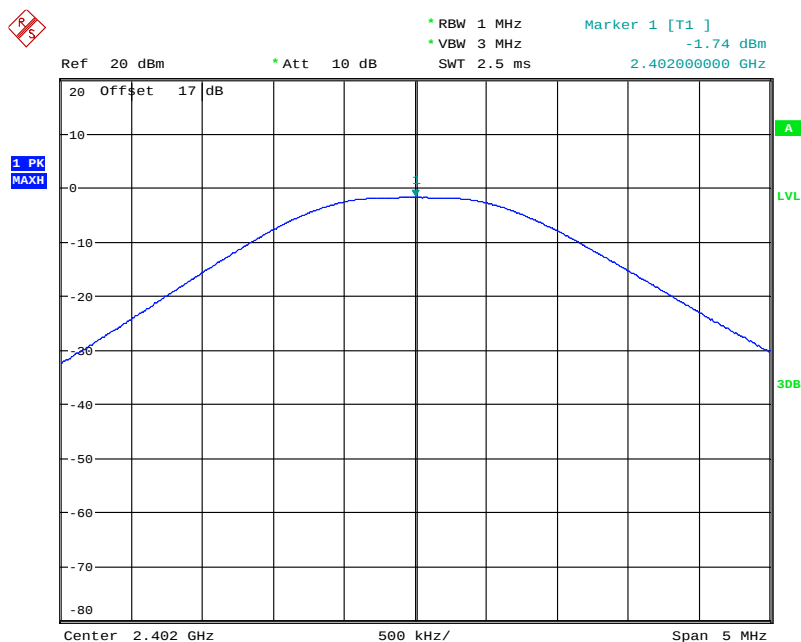


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

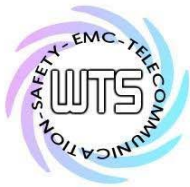


MAX OUTPUT POWER CH78 EDR MODE
Date: 6.JAN.2016 14:12:04

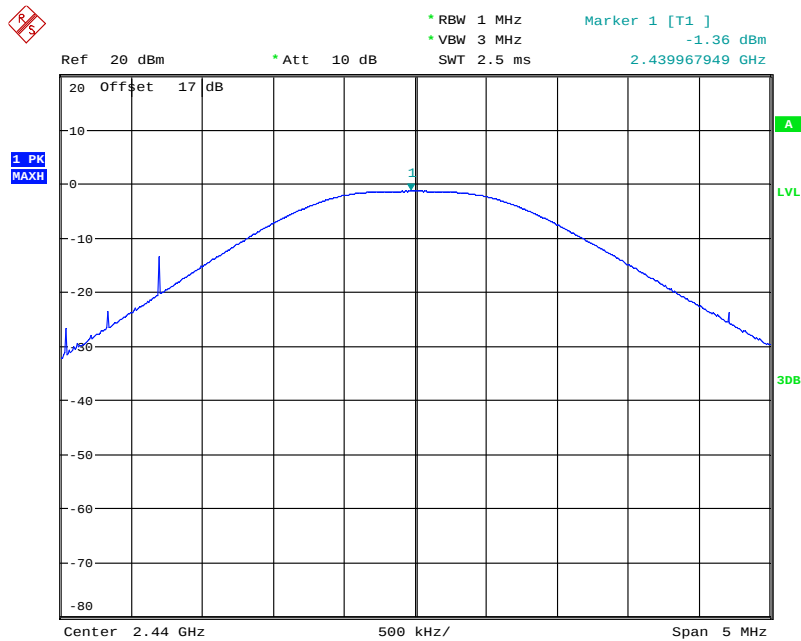
Mode K



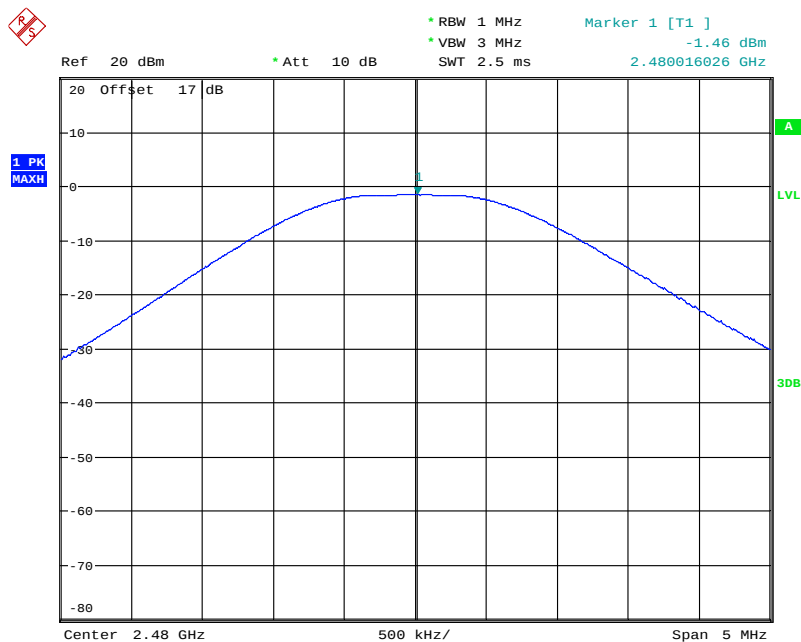
MAX OUTPUT POWER BT4.0 CH00
Date: 6.JAN.2016 14:19:27



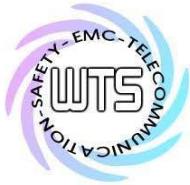
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



MAX OUTPUT POWER BT4.0 CH19
Date: 6.JAN.2016 14:20:19



MAX OUTPUT POWER BT4.0 CH39
Date: 6.JAN.2016 14:21:00



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

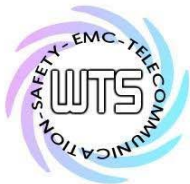
Antenna A	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	1.93	1.85	1.46	2.85	2.66	1.65
802.11n 40MHz	2.02	4.33	1.93	3.06	6.36	2.86
Antenna B	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	1.88	4.21	3.18	2.74	6.24	5.03
802.11n 40MHz	1.04	2.37	2.32	0.19	3.74	3.66
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	3.81	6.06	4.64	5.81	7.82	6.67
802.11n 40MHz	3.06	6.70	4.25	4.86	8.26	6.28

Limits:

Frequency MHz	Power dBm
902 - 928	30
2400 – 2483.5	30
5725 – 5850	30

In case of employing transmitter antennas having antenna gain > 6 dBi and using fixed point-to point operation consider §15.247 (b)(4)

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



Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11

3.2 RF Exposure Compliance Requirements

FCC OET Bulletin 65 Edition 97.01 determines the equations for predicting RF fields and applicable limits.

The prediction for power density in the far-field but will over-predict power density in the near field, where it could be used for walking a “worst case” or conservative prediction.

$$S = \frac{PG}{4\pi R^2}$$

S – Power Density

P – Output power ERP

R – Distance

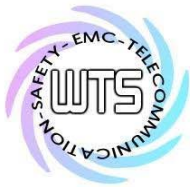
D – Cable Loss

AG – Antenna Gain

Item	Unit	Value	Remarks
P	mW	6.6988	Peak value
D	dB	--	--
AG	dBi	5.39	--
G	--	3.4594	Calculated Value
R	cm	20	Assumed value
S	mW/cm ²	0.0046	Calculated value

Limits:

Limit for General Population / Uncontrolled Exposure	
Frequency (MHz)	Power Density (mW/cm ²)
1500 – 100.000	1.0



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3.3 Transmitter Radiated Emissions in Restricted Bands

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

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

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

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

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

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

Limits.

For frequencies below 1GHz:

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

For frequencies above 1GHz (Average measurements).

Guidance on Measurement of Digit Transmission Systems:

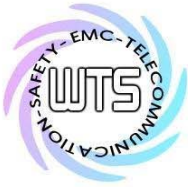
“If the emission is pulsed, modify the unit for continuous operation, use the setting shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.”

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

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

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

Explanation: See attached diagrams in Appendix.



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3.4 Spurious Emissions (tx)

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

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

FCC Rule: 15.247(c), 15.35

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

Limits:

For frequencies above 1GHz (Peak measurements).

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

For frequencies above 1GHz (Average measurements).

Max. reading – 20dB

Max. reading – 20 dB

Guidance on Measurement of Digit Transmission Systems:

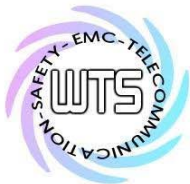
“If the emission is pulsed, modify the unit for continuous operation, use the settings shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.”

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

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

Test equipment used: ETSTW-RE 030, ETSTW-RE 111, ETSTW-RE 088, ETSTW-RE 018,
ETSTW-RE 064

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



Worldwide Testing Services(Taiwan) Co., Ltd.

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SAMPLE CALCULATION OF LIMIT. All results will be updated by an automatic measuring system in accordance with point 2.3.

Calculation of test results:

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

The peak and average spurious emission plots was measured with the average limits.

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

If in the column's correction factor states a value then the max. Field strength in the same row is corrected by a value gained from the "Correction Factor".

Summary table with radiated data of the test plots

Model:	RW11			Date:	--				
Mode:	--			Temperature:	--	°C	Engineer:	--	
Polarization:	--			Humidity:	--	%			
Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)	
--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	

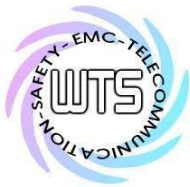
Frequency (MHz)	Reading (dBuV)		Factor (dB)	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.	Corr.	Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

Note

1. **Correction Factor = Antenna factor + Cable loss - Preamplifier**
2. **The formula of measured value as: Test Result = Reading + Correction Factor**
3. **Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average**
4. **All not in the table noted test results are more than 20 dB below the relevant limits.**
5. **Measurement uncertainty for 3m measurement: 30-1000 MHz = ± 3.90 dB, 1-18 GHz = ± 4.78 dB, 18-40 GHz = ± 2.44 dB ; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.**
6. **See attached diagrams in appendix.**

TEST RESULT (Transmitter): The unit DOES meet the FCC requirements.

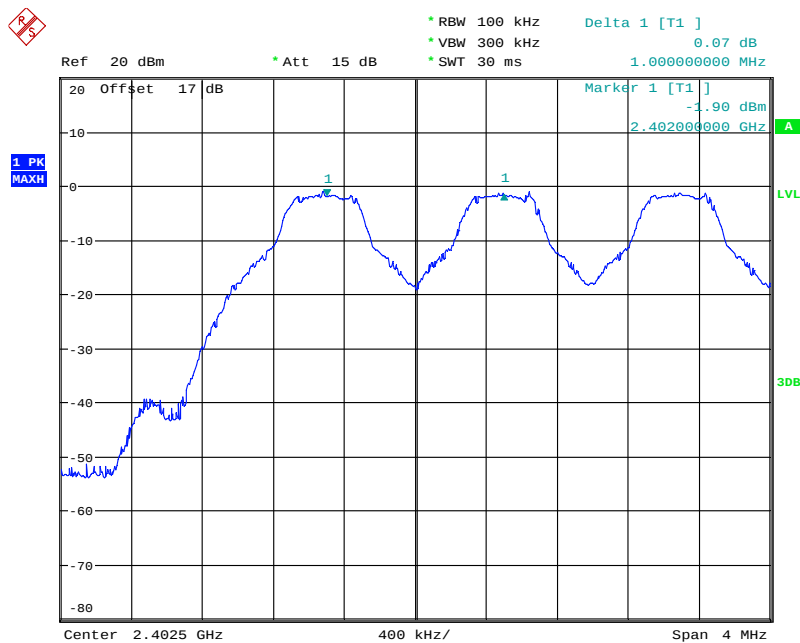
Test equipment used: ETSTW-RE 030, ETSTW-RE 111, ETSTW-RE 088, ETSTW-RE 018,
ETSTW-RE 064



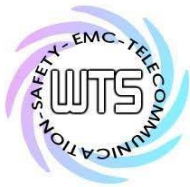
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

3.5 Carrier Frequency Separation

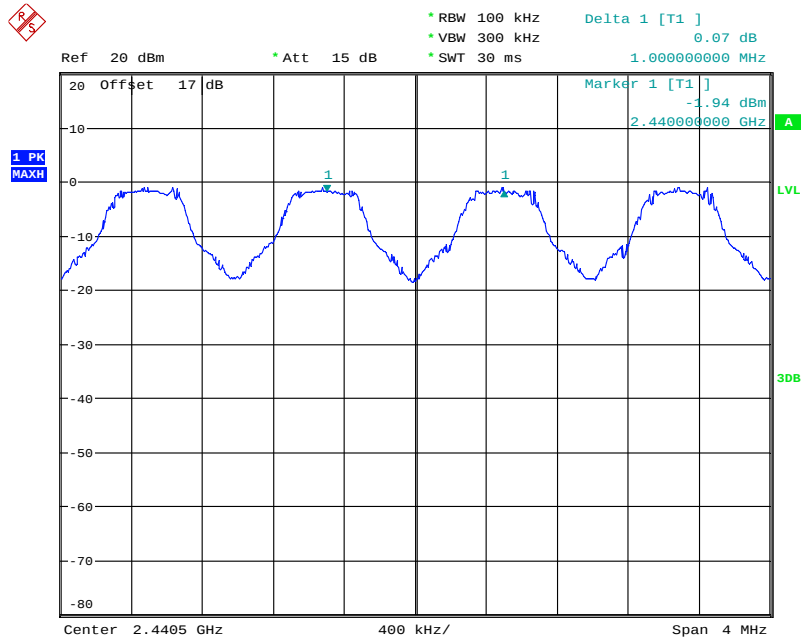
Carrier Frequency Separation was measured with modulation (declared by manufacturer). According to FCC rules part 15 subpart C §15.247 frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or 20 dB bandwidth of the hopping channel, whichever is greater.



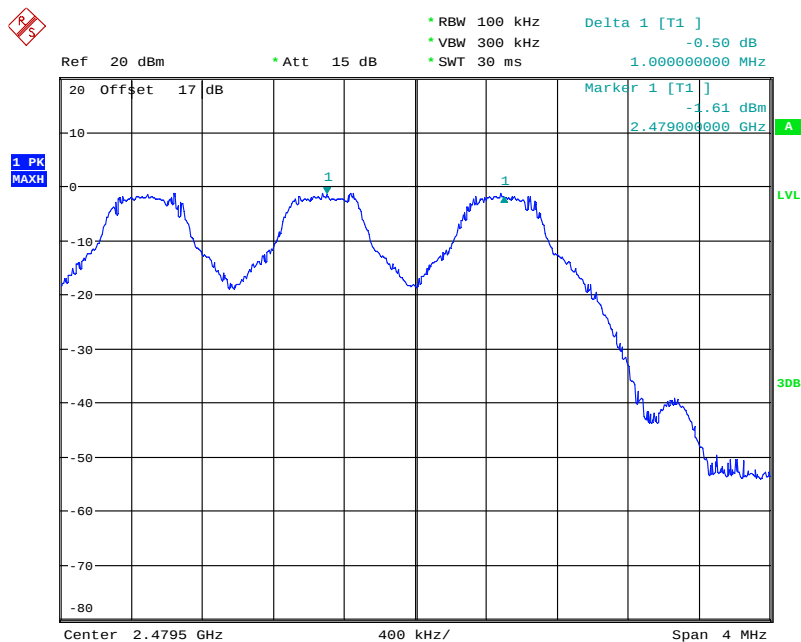
FREQUENCY SEPARATION CH0
Date: 6.JAN.2016 14:08:20



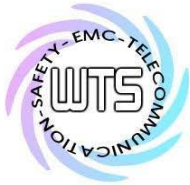
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



FREQUENCY SEPARATION CH39
Date: 6.JAN.2016 14:09:04



FREQUENCY SEPARATION CH78
Date: 6.JAN.2016 14:09:52



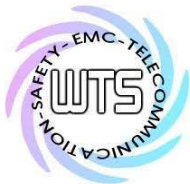
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

Limits:

Frequency Range MHz	Limits	
	20 dB bandwidth < 25 kHz	20 dB bandwidth > 25 kHz
902-928	25 kHz	20 dB bandwidth
2400-2483.5 5725-5850.0	25 kHz	20 dB bandwidth

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



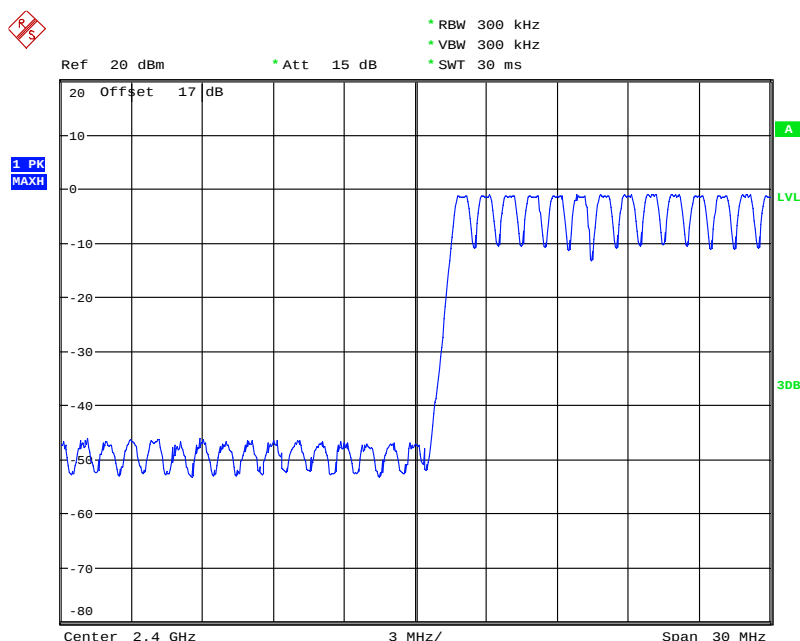
Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11

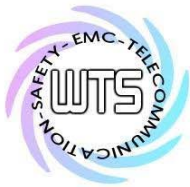
3.6 Number of Hopping Frequencies

According to FCC rules part 15 subpart C §15.247 frequency hopping systems operating in the 2400-2483.5 MHz band shall use at least 15 hopping frequencies. Frequency hopping systems in 5725-5850 MHz bands shall use least 75 hopping frequencies.

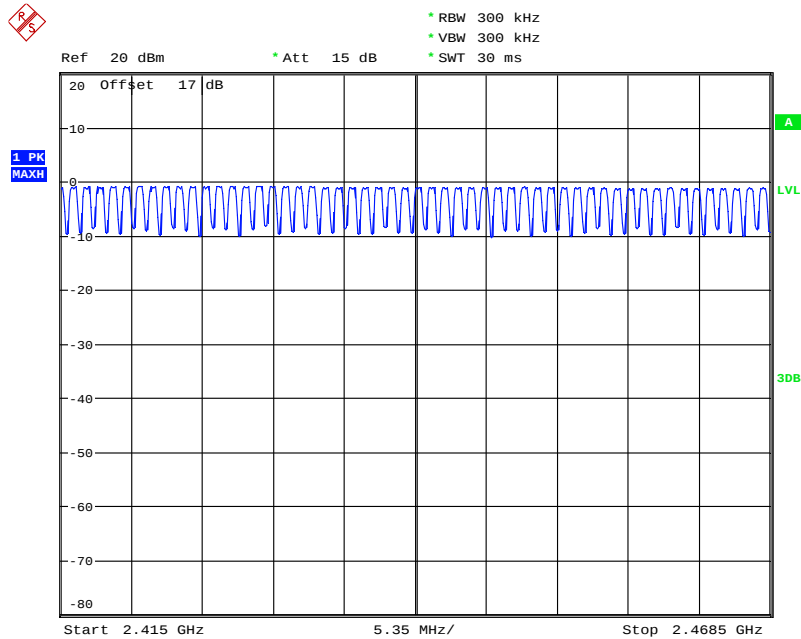
For frequency hopping systems operating in the 902-928 MHz band: if the 20dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies; if the 20dB bandwidth of the hopping channel 250 kHz or greater, the system shall use at least 25 hopping frequencies.



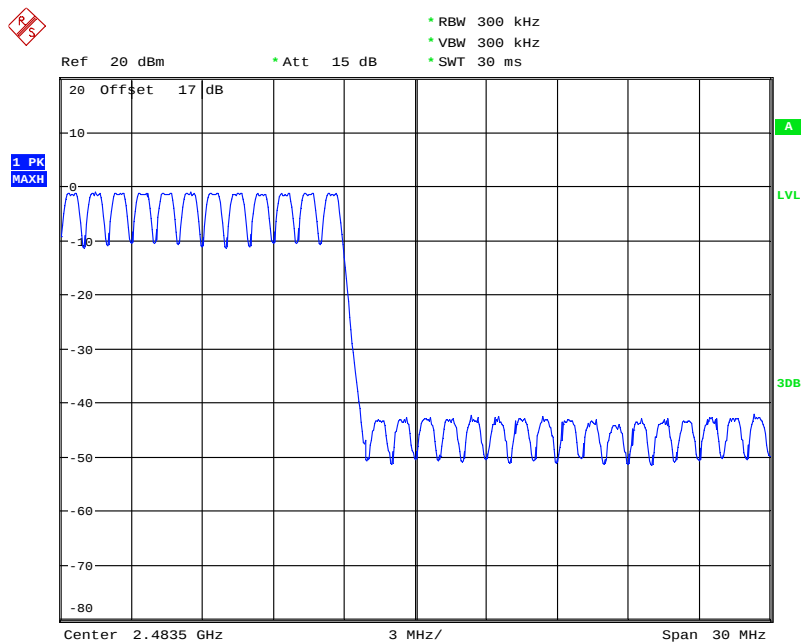
NUMBER OF HOPPING CH0-13
Date: 6.JAN.2016 14:05:40



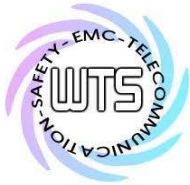
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



NUMBER OF HOPPING CH14-66
Date: 6.JAN.2016 14:07:27



NUMBER OF HOPPING CH67-78
Date: 6.JAN.2016 14:06:20



Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11

Limits:

Frequency Range MHz	Limit	
	20dB Bandwidth	Number of Channels
902-928 MHz	Bandwidth < 250 kHz	≥ 50
	Bandwidth ≥ 250 kHz	≥ 25
2400-2483.5	not defined	15
5725-5850.0 MHz	1 MHz	75

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

3.6.1 Pseudorandom Frequency Hopping Sequence

The generation of the hopping sequence is determined by the Bluetooth core specification and complies with the FCC requirements.

3.6.2 Coordination of hopping sequences to other transmitters

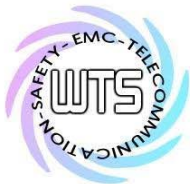
According to the Bluetooth core specification such a coordination is not possible. During scatternet function only one of the two hopping sequences will be used at a definite moment.

3.6.3 System Receiver Hopping Capability

According to the Bluetooth core specification. The system receivers shift frequencies in synchronization with the transmitted signals.

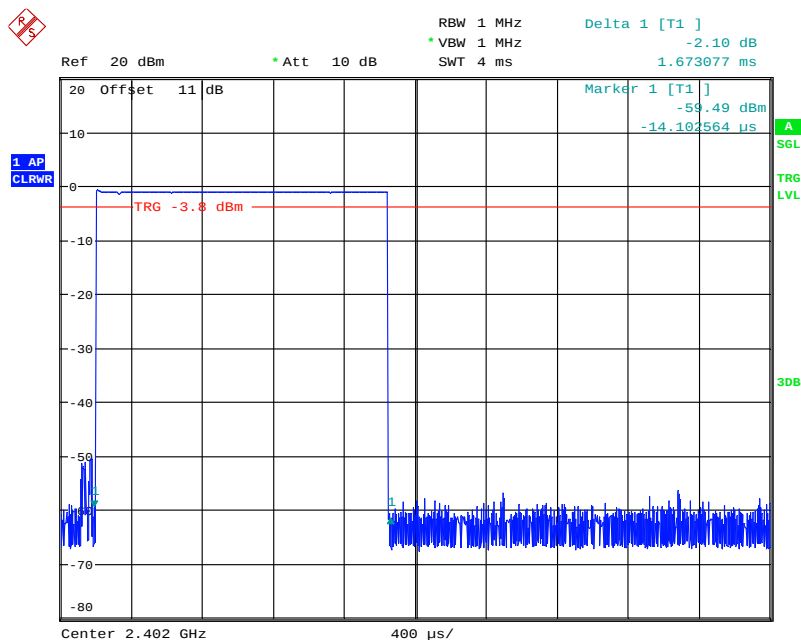


FCC ID: IR5RW11



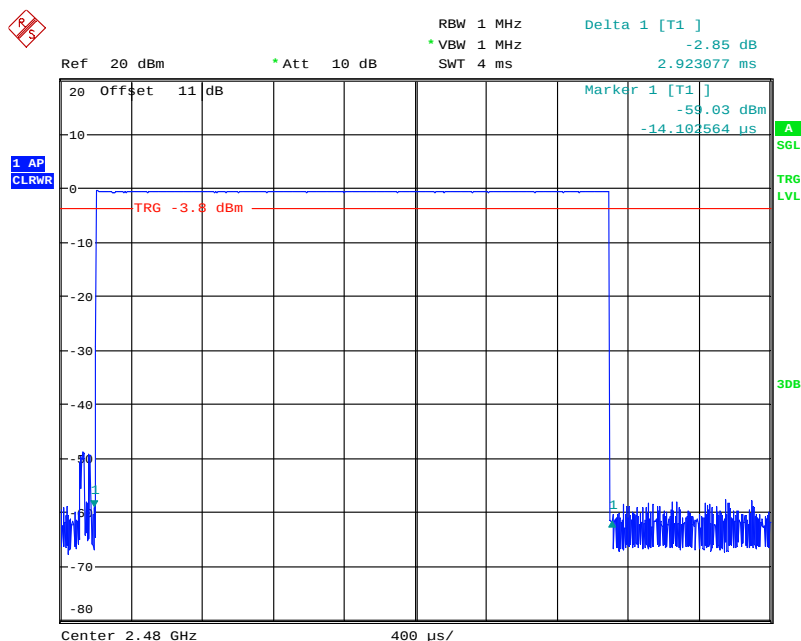
Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11



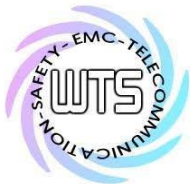
DWELL TIME CH0 DH3 (1.673ms * 160events = 267.68ms)

Date: 7. JAN. 2016 09:05:02



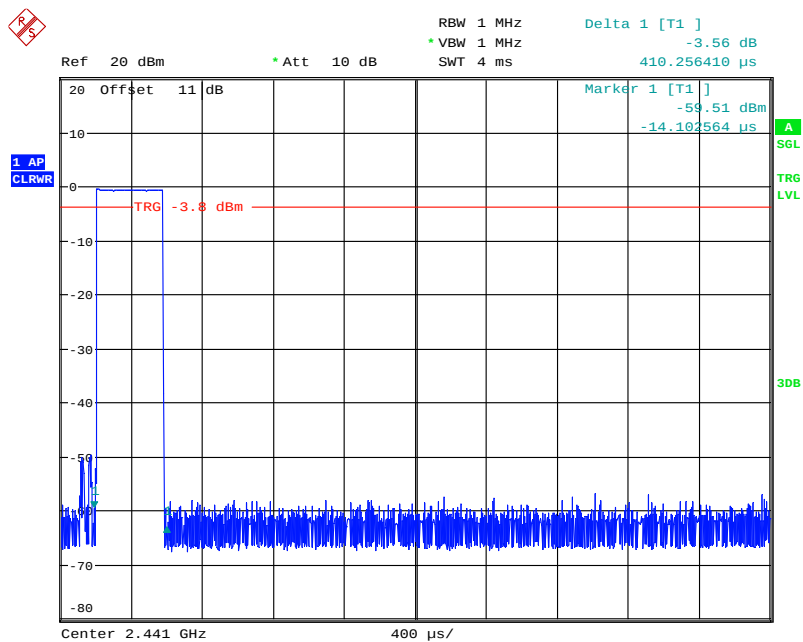
DWELL TIME CH0 DH5 (2.923ms * 106events = 309.83ms)

Date: 7. JAN. 2016 09:09:28



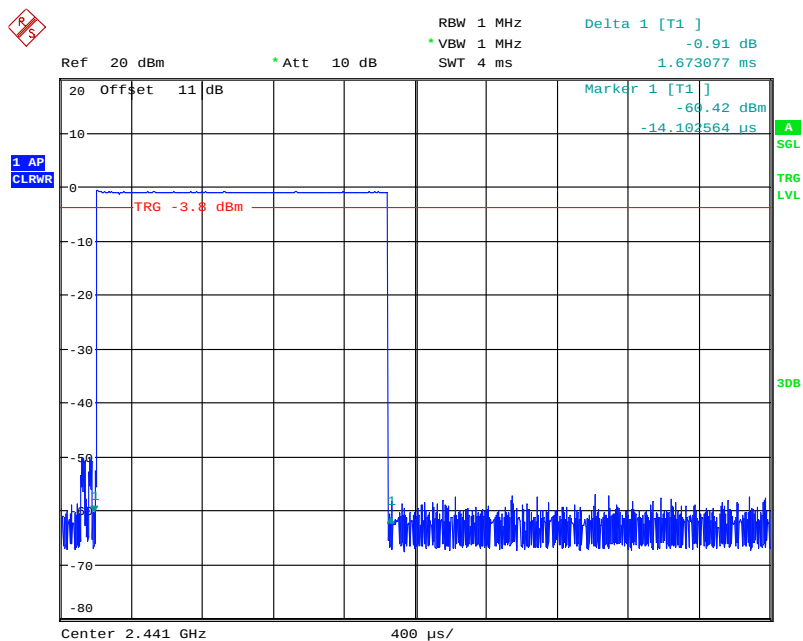
Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11



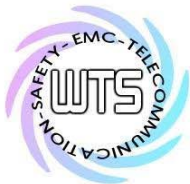
DWELL TIME CH39 DH1 (0.41ms * 320events = 131.2ms)

Date: 7.JAN.2016 09:07:28



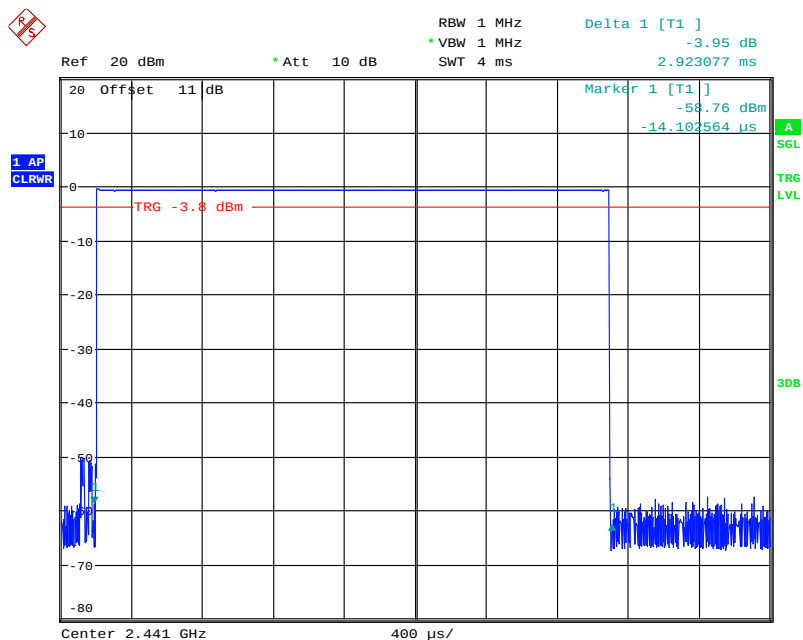
DWELL TIME CH39 DH3 (1.673ms * 160events = 267.68ms)

Date: 7.JAN.2016 09:05:23



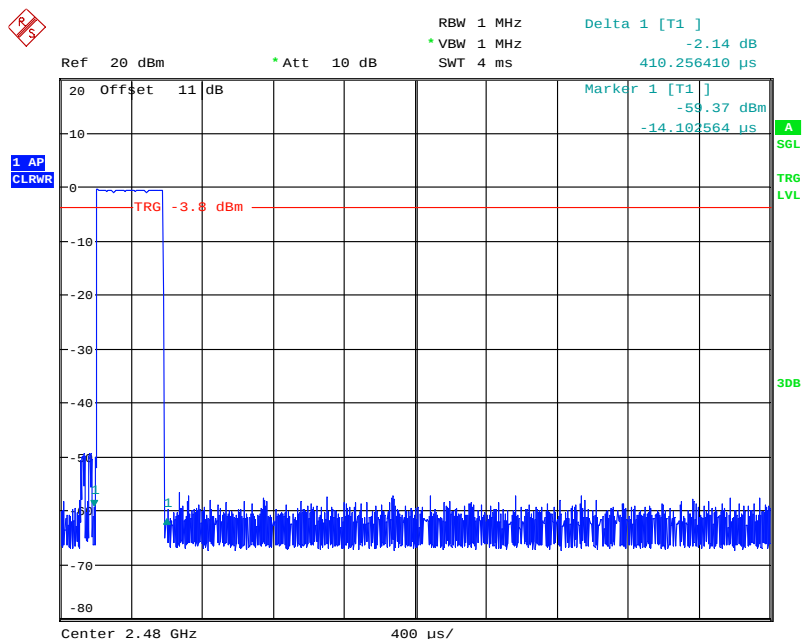
Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11



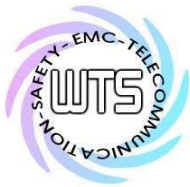
DWELL TIME CH39 DH5 (2.923ms * 106events = 309.83ms)

Date: 7.JAN.2016 09:10:03

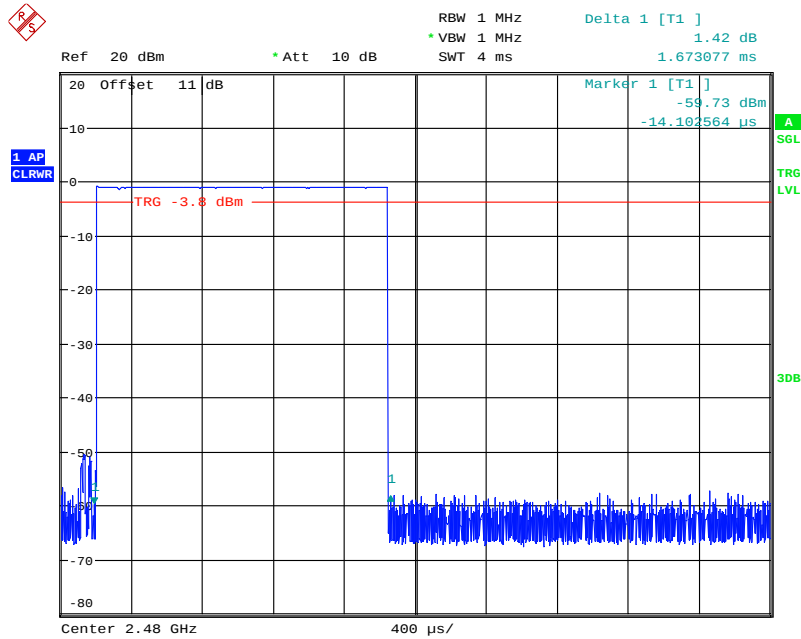


DWELL TIME CH78 DH1 (0.41ms * 320events = 131.2ms)

Date: 7.JAN.2016 09:07:47

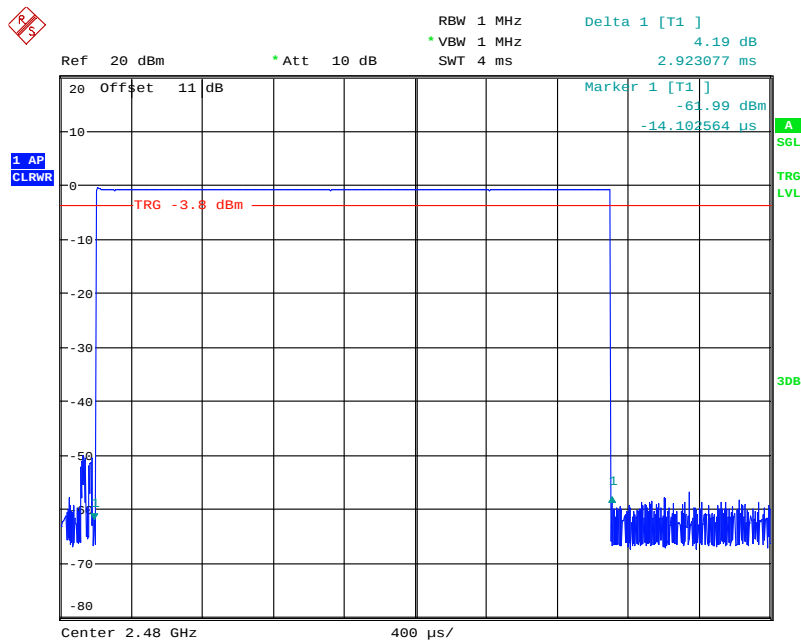


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



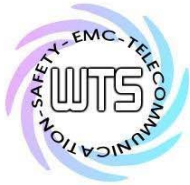
DWELL TIME CH78 DH3 (1.673ms * 160events = 267.68ms)

Date: 7.JAN.2016 09:05:44



DWELL TIME CH78 DH5 (2.923ms * 106events = 309.83ms)

Date: 7.JAN.2016 09:10:20

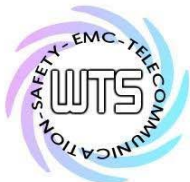


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

Limits and measurement periods:

Frequency MHz	Number of channels	Measurement Periode	Limit
902 – 928	≥ 50	20 s	0.4 s
	$49 \geq 25$	10 s	0.4 s
2400 – 2483.5	≥ 15	0.4 s * number of used channels	0.4 s
5725- 5850	≥ 75	30 s	0.4s

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



Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11

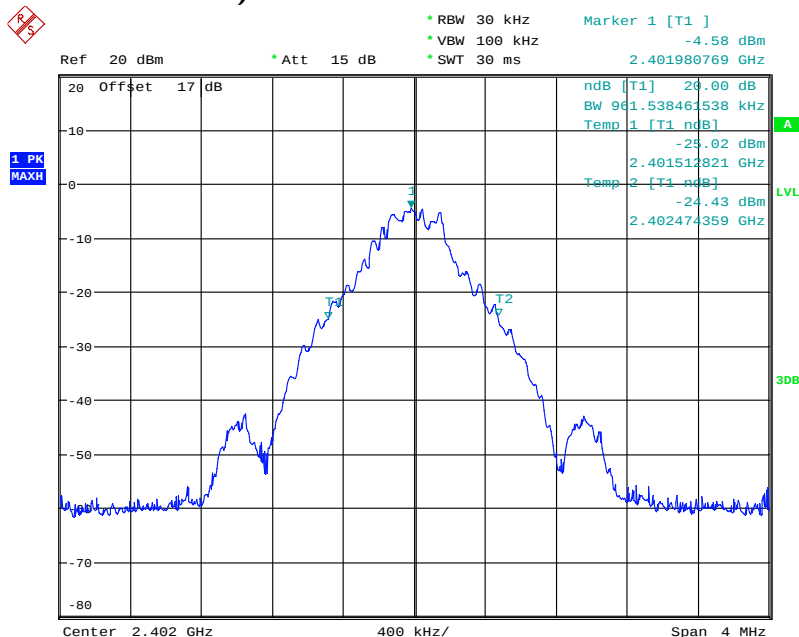
3.8 20dB Bandwidth

Frequency hopping systems operating in the 5725-5850 MHz bands shall use a maximum 20dB bandwidth of 1 MHz.

The 20dB bandwidth is measured on the lowest, middle and highest hopping channel.

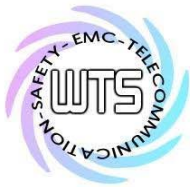
For frequency hopping systems operating in the 902-928 MHz band the maximum 20dB bandwidth of the hopping channel is 500 kHz.

Mode I (Bluetooth Normal mode)

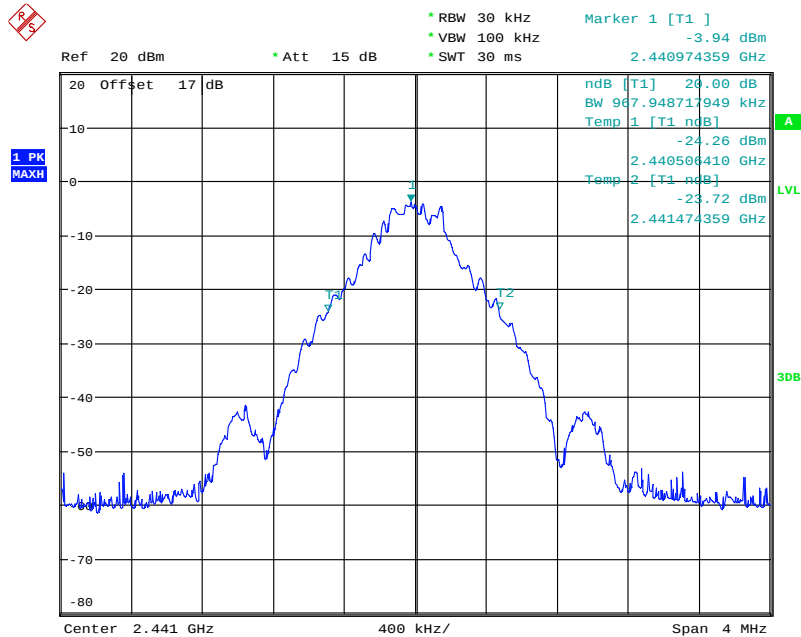


20DB BANDWIDTH CH0

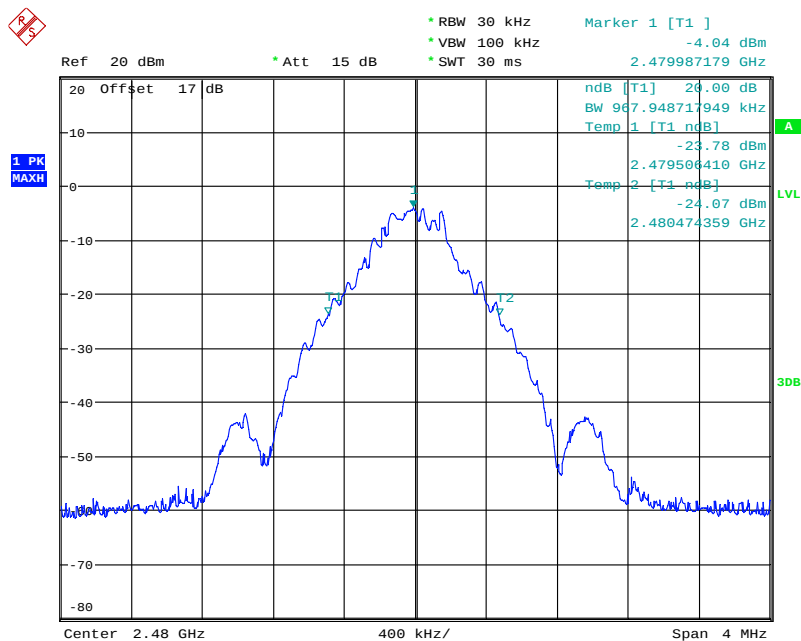
Date: 6.JAN.2016 14:02:41



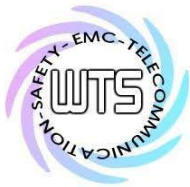
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



20DB BANDWIDTH CH39
Date: 6.JAN.2016 14:04:00



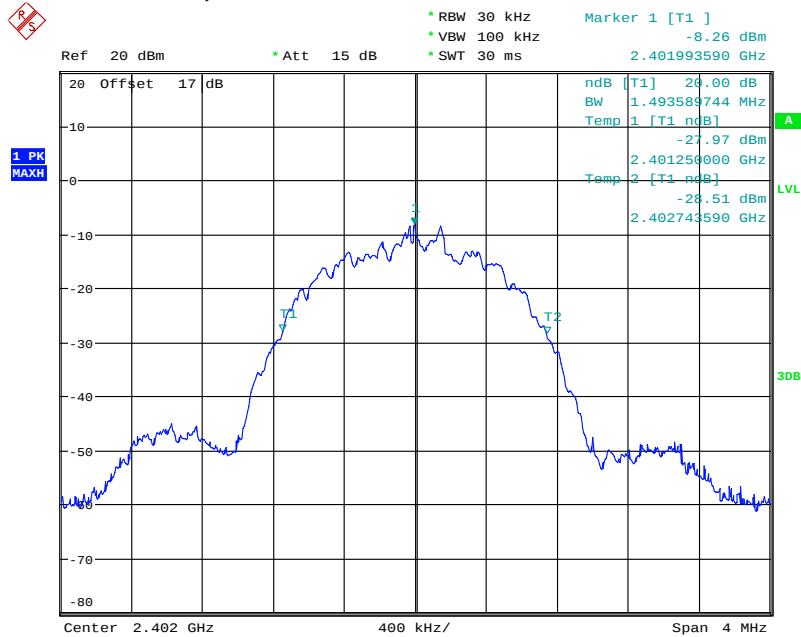
20DB BANDWIDTH CH78
Date: 6.JAN.2016 14:04:32



Registration number: W6M21512-15493-C-1

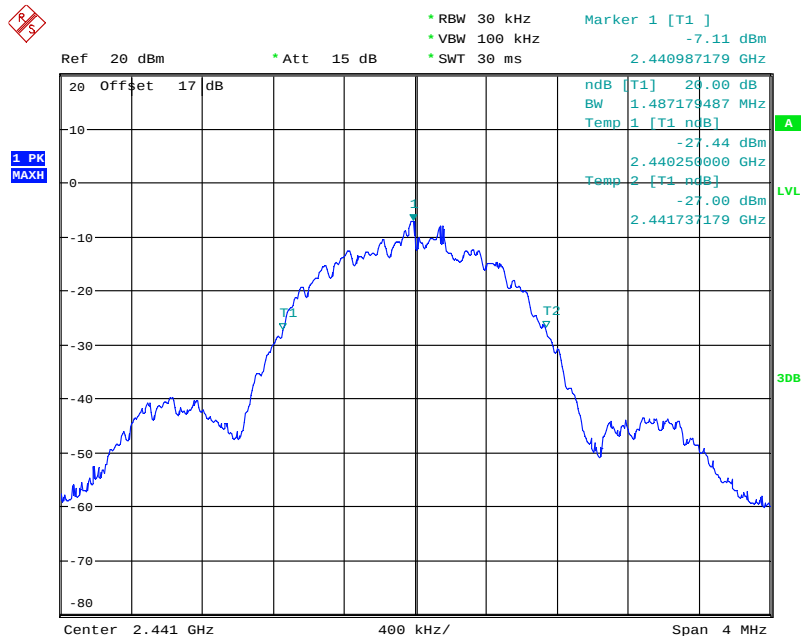
FCC ID: IR5RW11

Mode J (Bluetooth EDR mode)



20DB BANDWIDTH CH0 EDR MODE

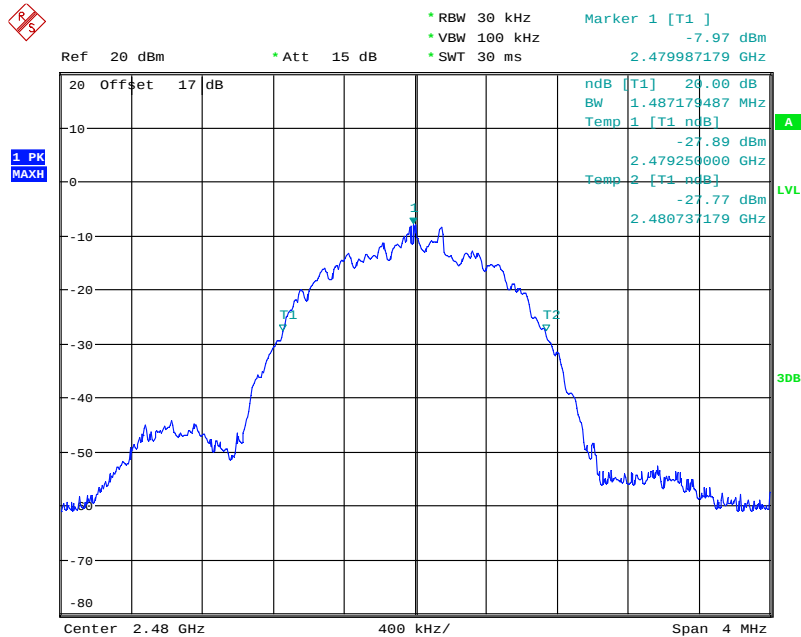
Date: 6.JAN.2016 14:11:00



20DB BANDWIDTH CH39 EDR MODE

Date: 6.JAN.2016 14:11:44

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



20DB BANDWIDTH CH78 EDR MODE
Date: 6.JAN.2016 14:12:13

Limits:

Frequency Range / MHz	Limit
902-928	≤ 500 kHz
2400-2483.5	not defined
5725-5850	≤ 1 MHz

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

3.8.1 System Receiver Input Bandwidth

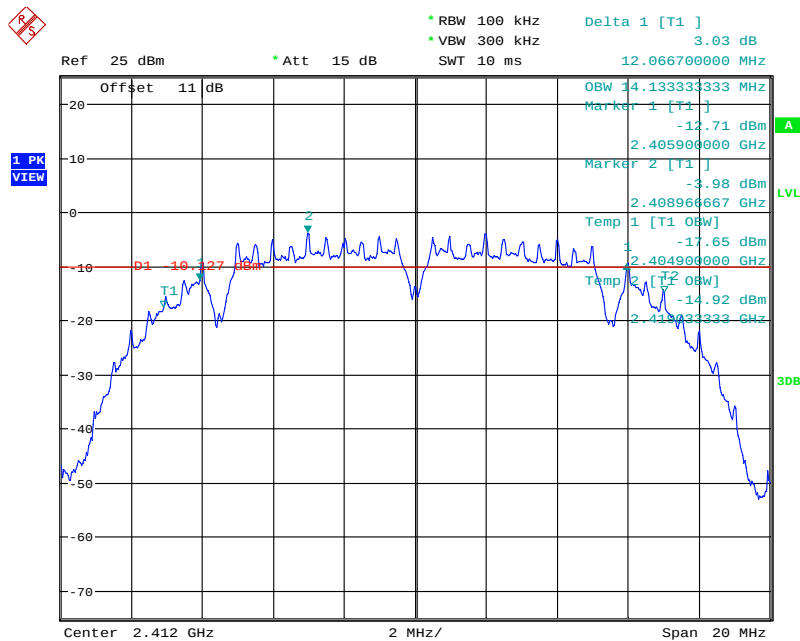
It is determined in the Bluetooth core specification. The value matches to the bandwidth of transmitter signal.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

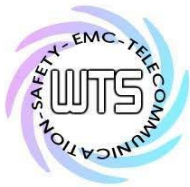
3.9 Minimum 6 dB Bandwidth

The analyzer ResBW was set to 100 kHz. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. A PEAK reading was taken, two markers were set 6 dB below the maximum level on the right and the left side of the emission. The 6 dB bandwidth is the frequency difference between the two markers.

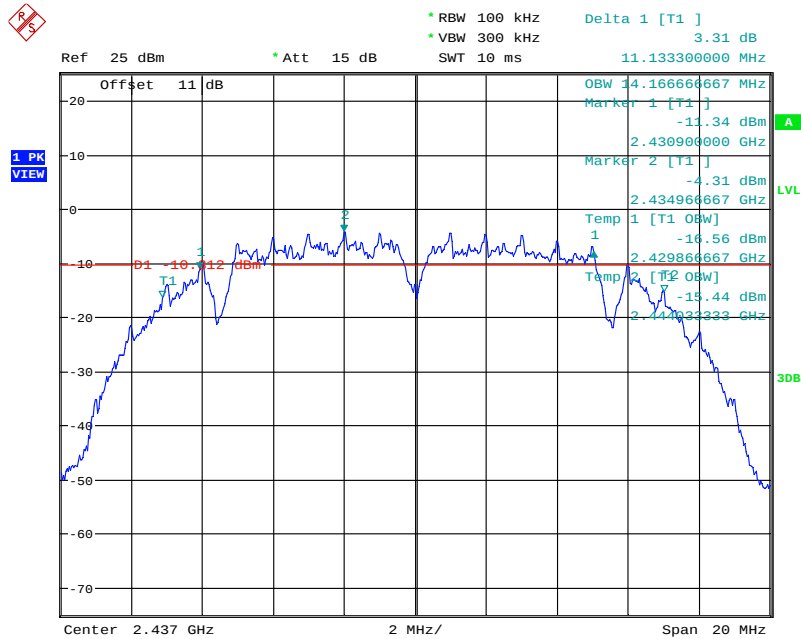
Mode A



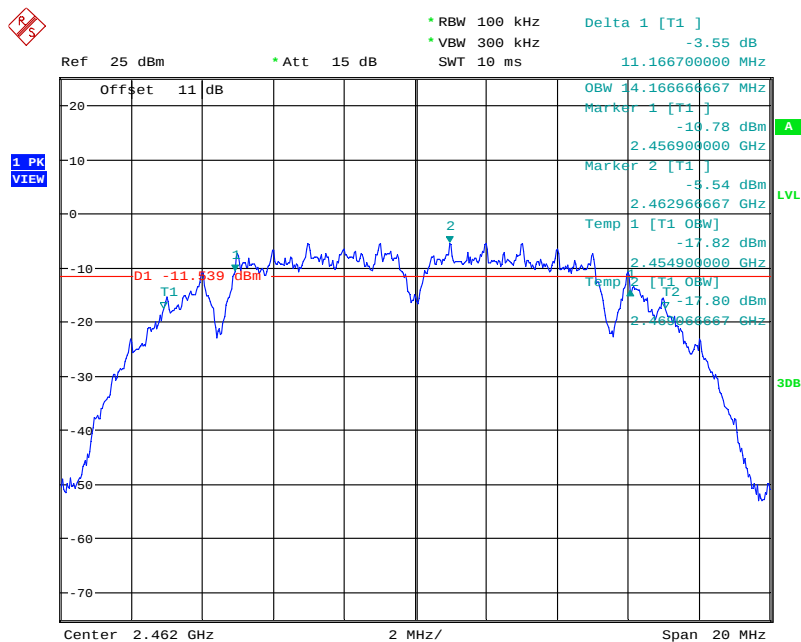
6DB BANDWIDTH 802.11B CH01
Date: 6.JAN.2016 14:52:04



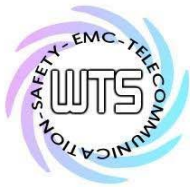
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



6DB BANDWIDTH 802.11B CH06
Date: 6.JAN.2016 14:53:05



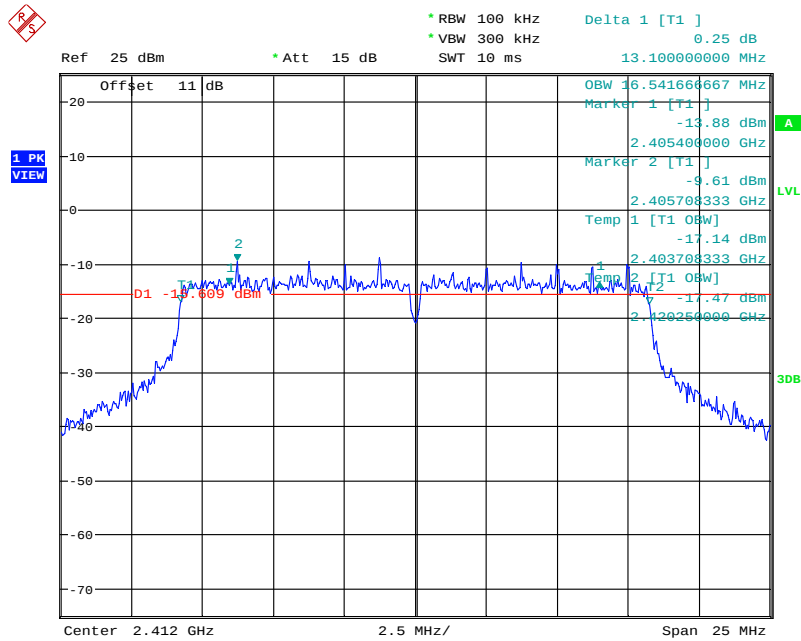
6DB BANDWIDTH 802.11B CH11
Date: 6.JAN.2016 14:54:01



Registration number: W6M21512-15493-C-1

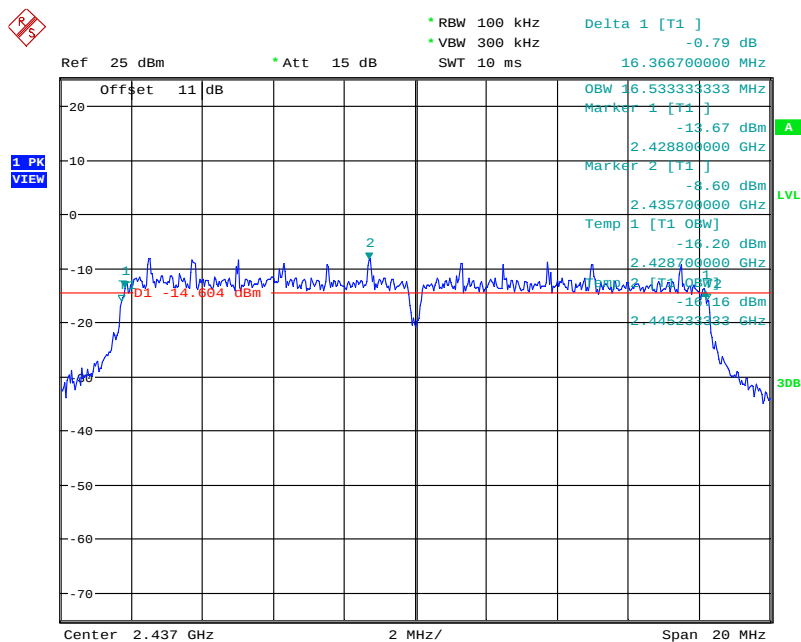
FCC ID: IR5RW11

Mode B



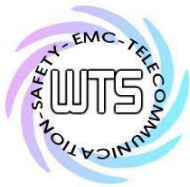
6DB BANDWIDTH 802.11G CH01

Date: 6. JAN. 2016 14:54:42

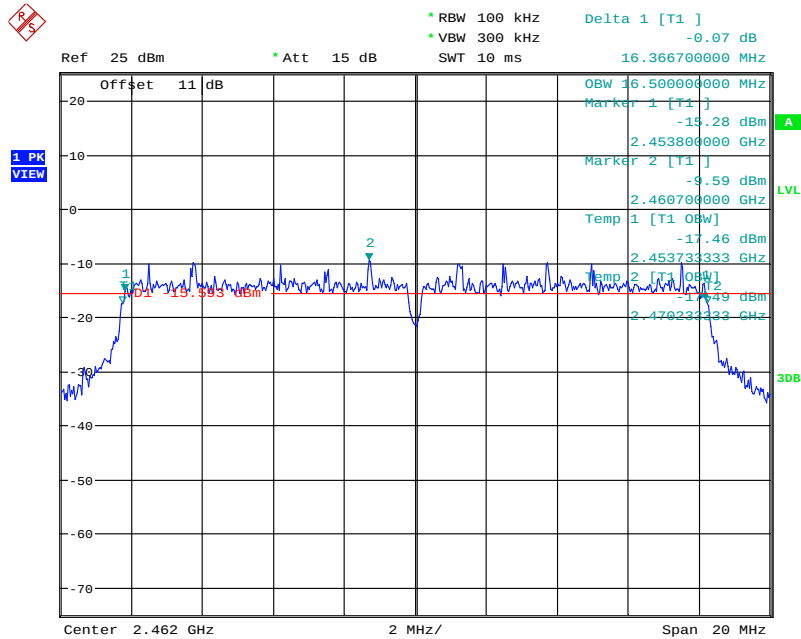


6DB BANDWIDTH 802.11G CH06

Date: 6. JAN. 2016 14:55:22

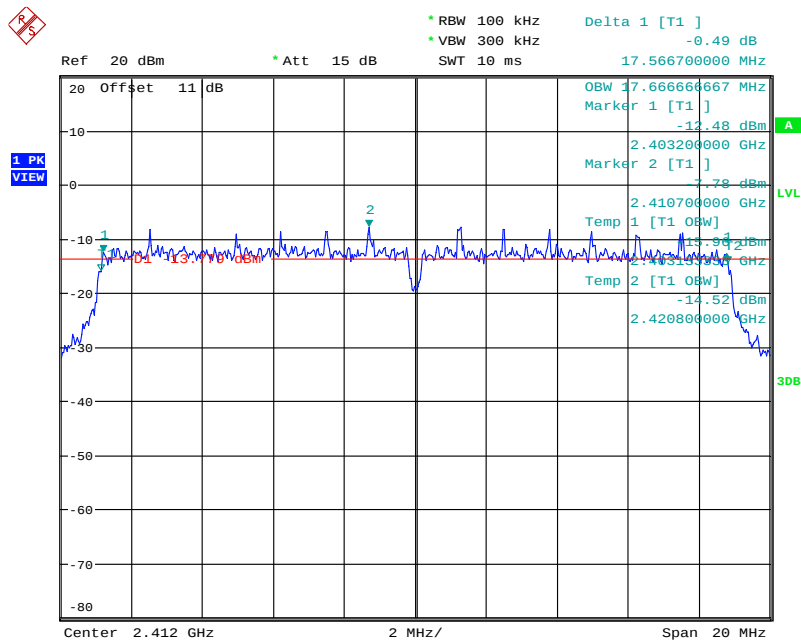


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

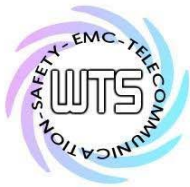


6DB BANDWIDTH 802.11G CH11
Date: 6.JAN.2016 14:55:57

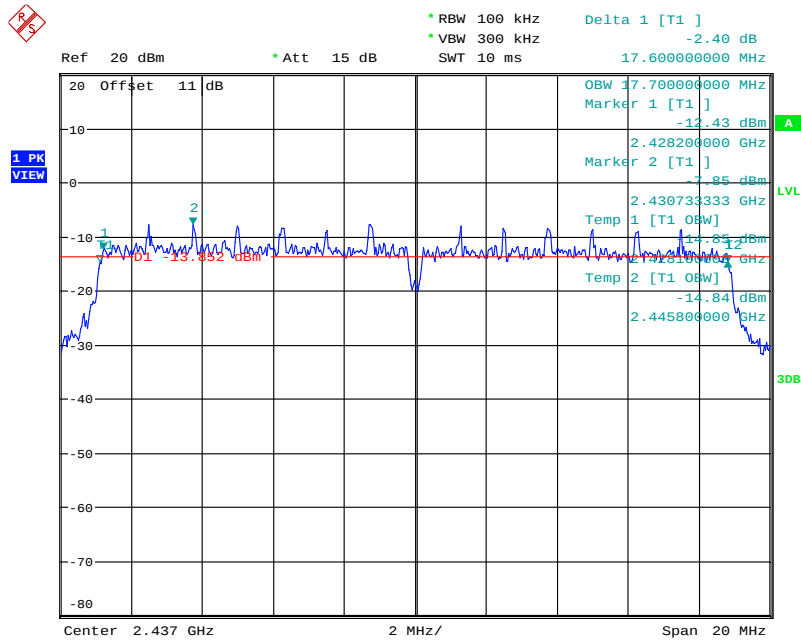
Mode C



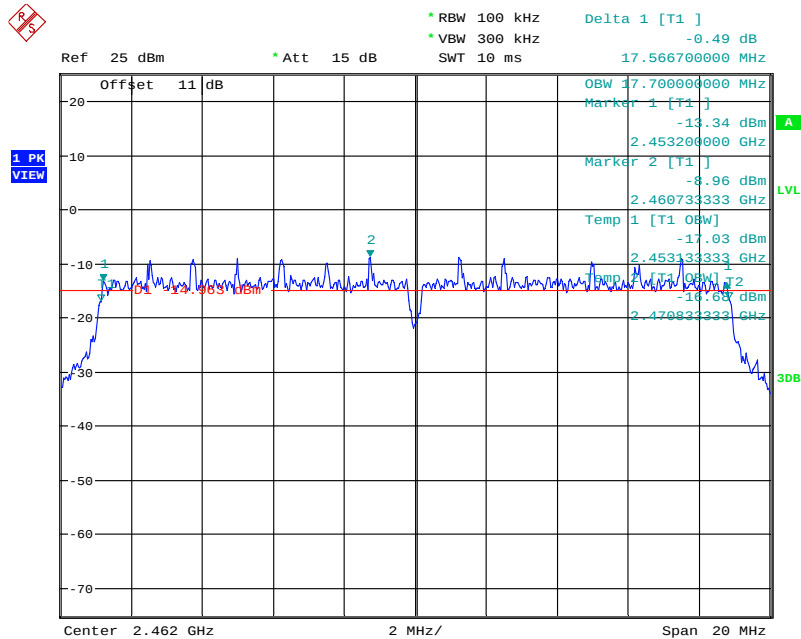
6DB BANDWIDTH 802.11N 20MHz CH01
Date: 6.JAN.2016 14:56:40



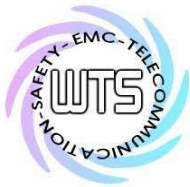
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



6DB BANDWIDTH 802.11N 20MHZ CH06
Date: 6. JAN. 2016 14:57:19

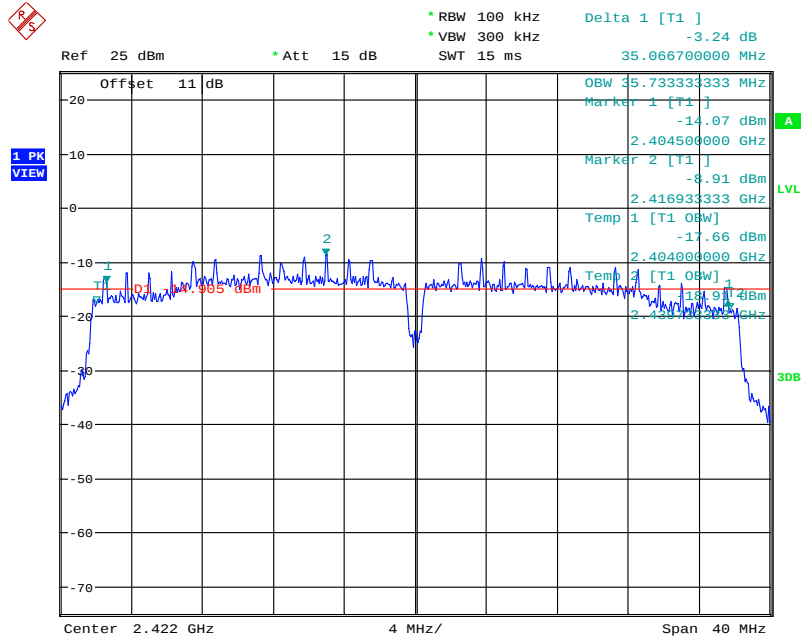


6DB BANDWIDTH 802.11N 20MHZ CH11
Date: 6. JAN. 2016 14:57:55

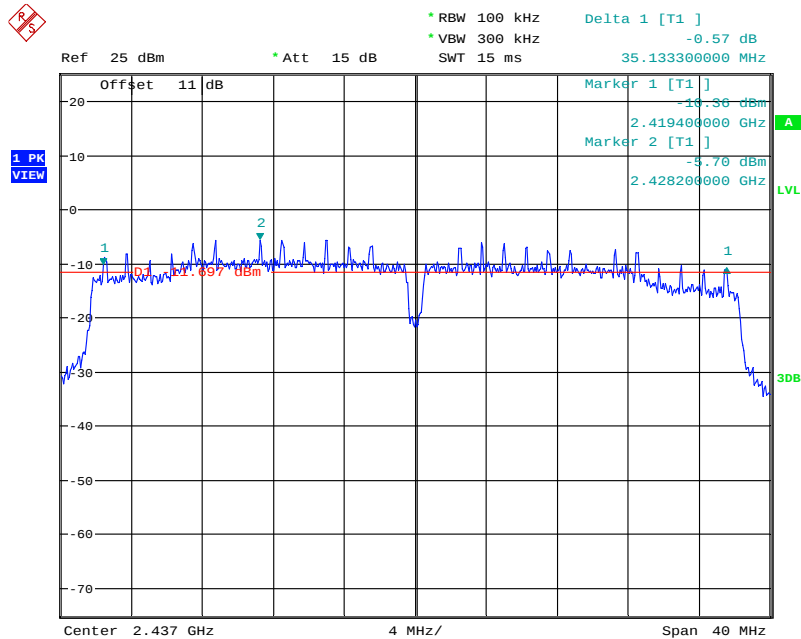


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

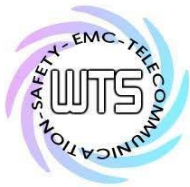
Mode D



6DB BANDWIDTH 802.11N 40MHZ CH01
Date: 6. JAN. 2016 14:58:39

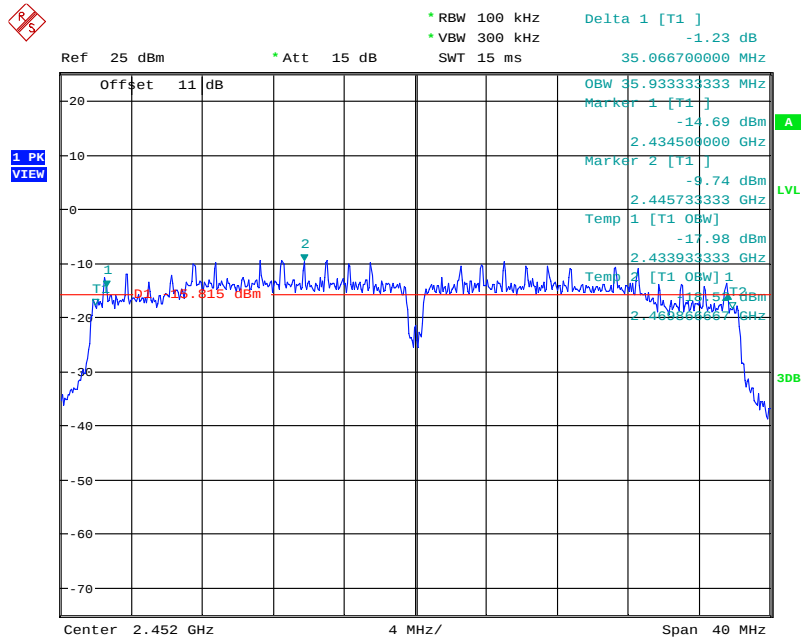


6DB BANDWIDTH 802.11N 40MHZ CH04
Date: 6. JAN. 2016 14:59:18



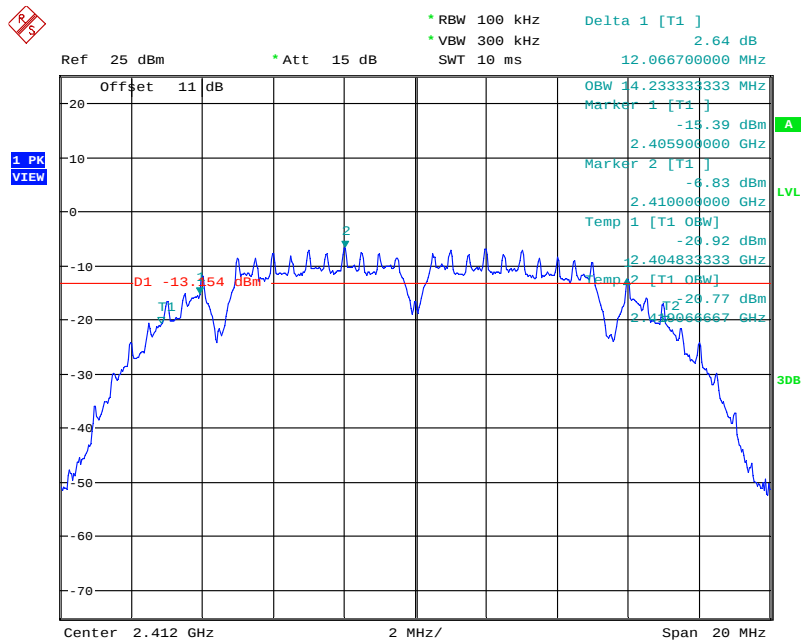
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

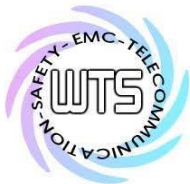


6DB BANDWIDTH 802.11N 40MHZ CH07
Date: 6.JAN.2016 14:59:57

Mode E



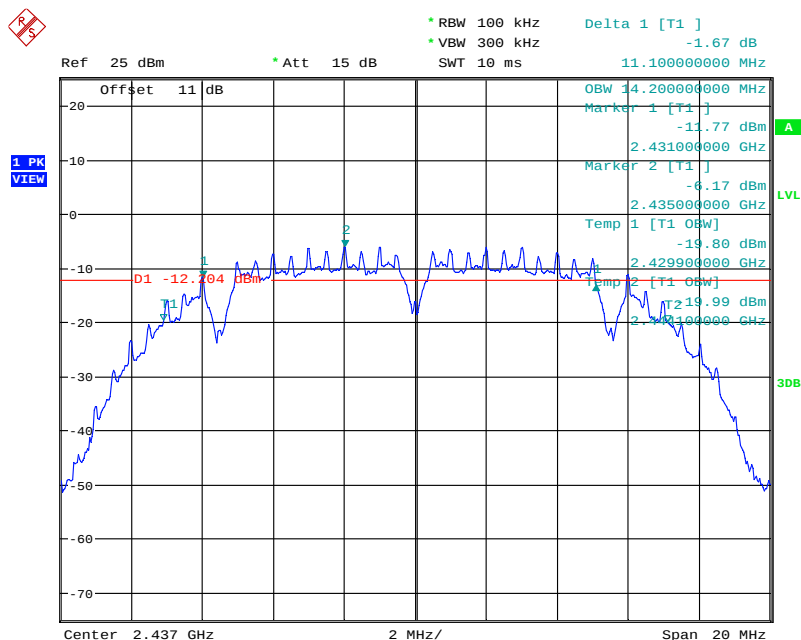
6DB BANDWIDTH 802.11B CH01
Date: 6.JAN.2016 15:03:40



Worldwide Testing Services(Taiwan) Co., Ltd.

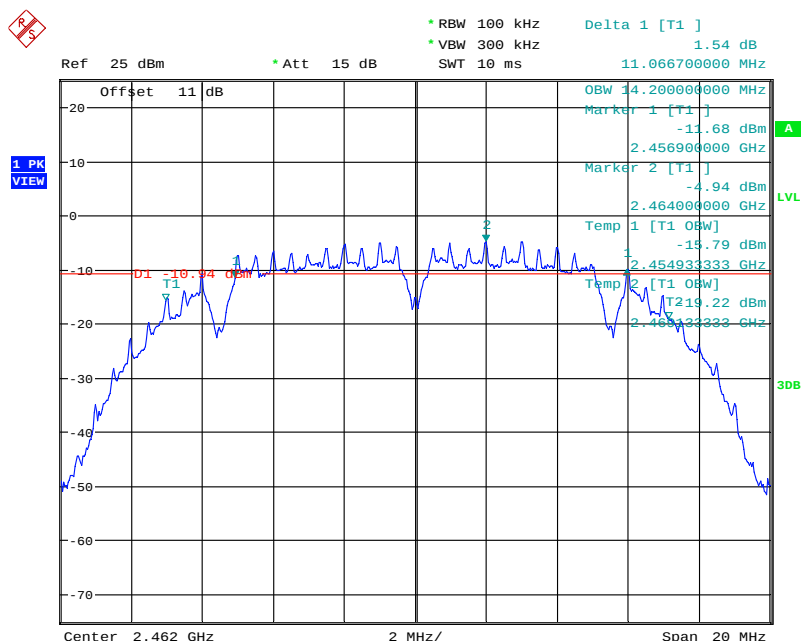
Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11



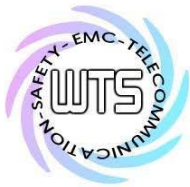
6DB BANDWIDTH 802.11B CH06

Date: 6.JAN.2016 15:04:20



6DB BANDWIDTH 802.11B CH11

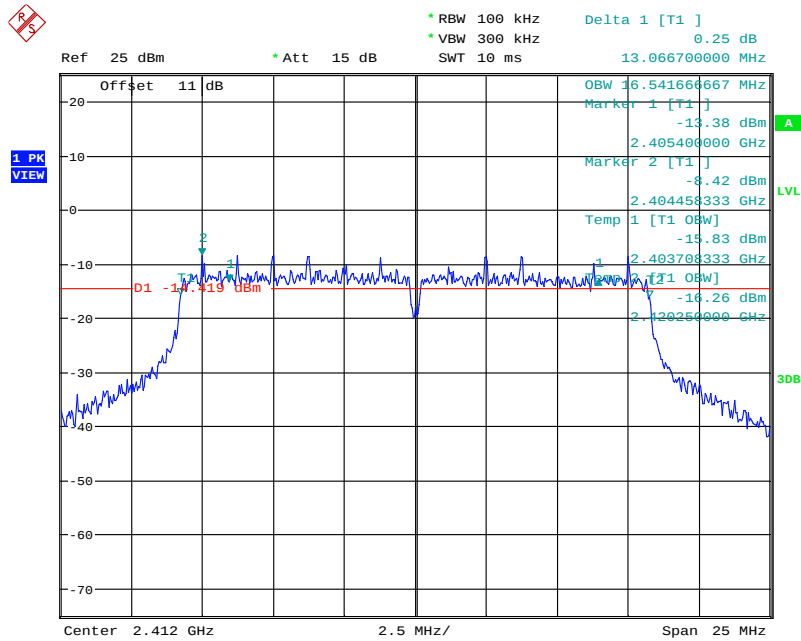
Date: 6.JAN.2016 15:04:56



Registration number: W6M21512-15493-C-1

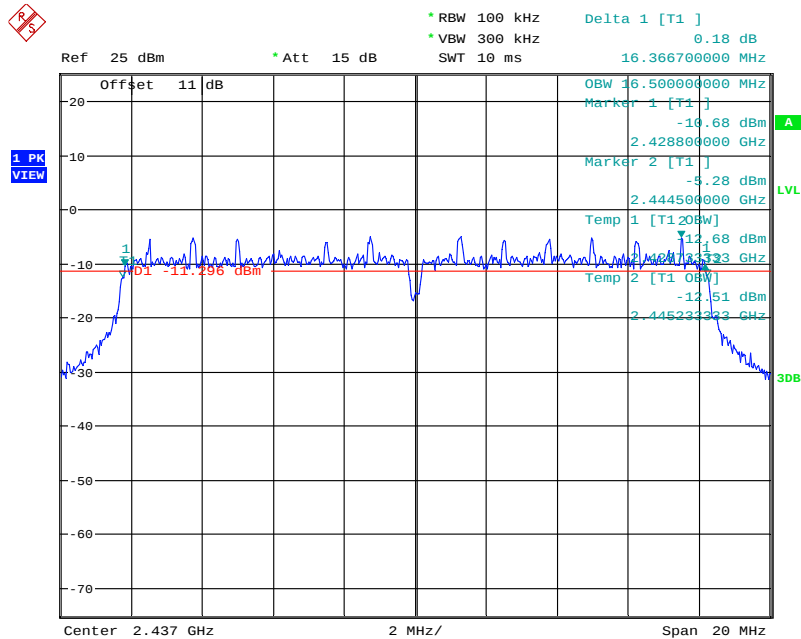
FCC ID: IR5RW11

Mode F



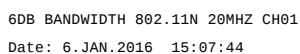
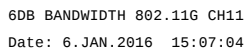
6DB BANDWIDTH 802.11G CH01

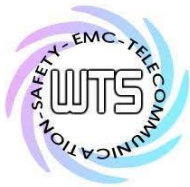
Date: 6.JAN.2016 15:05:43



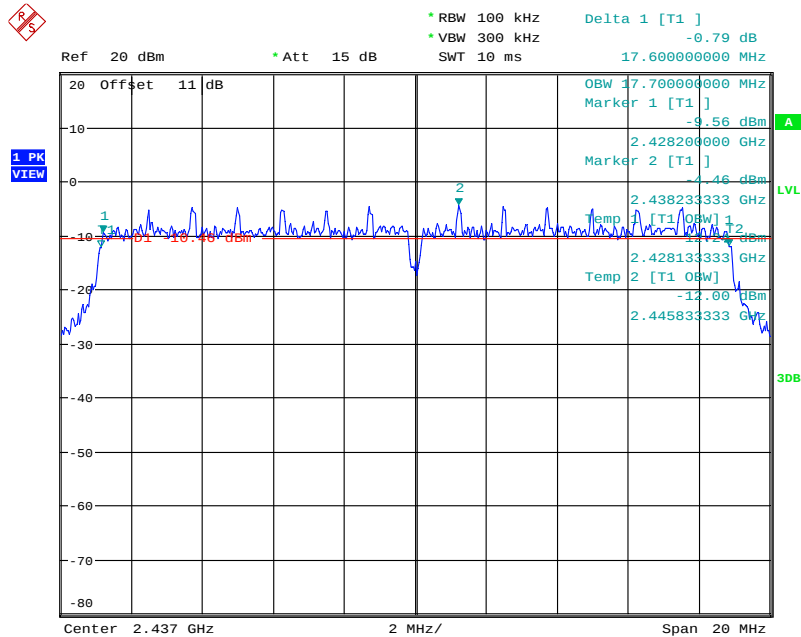
6DB BANDWIDTH 802.11G CH06

Date: 6.JAN.2016 15:06:21

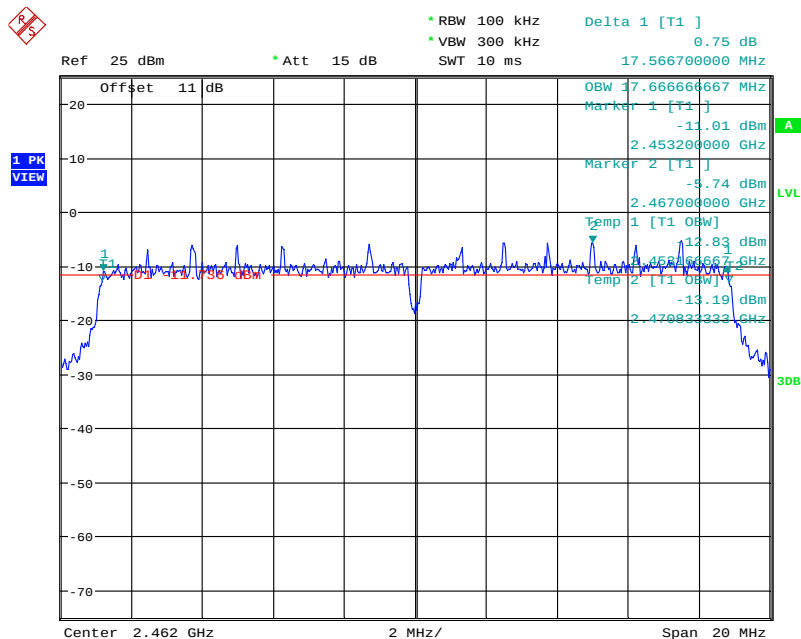




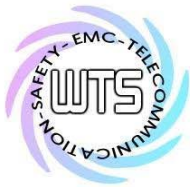
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



6DB BANDWIDTH 802.11N 20MHZ CH06
Date: 6.JAN.2016 15:08:20

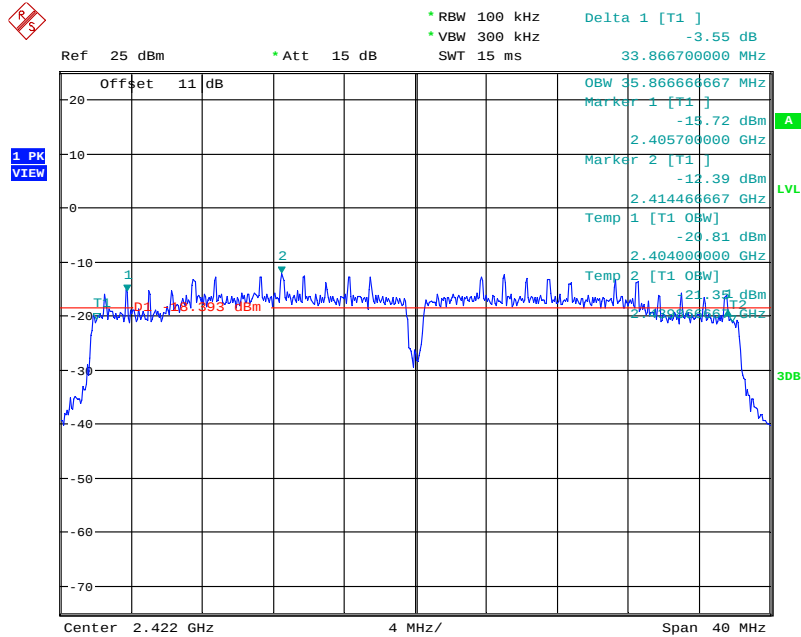


6DB BANDWIDTH 802.11N 20MHZ CH11
Date: 6.JAN.2016 15:08:54

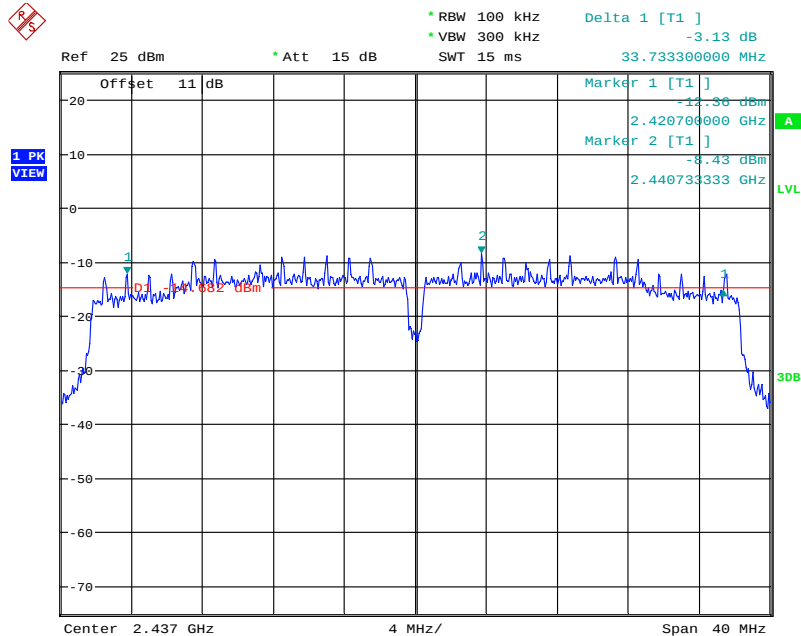


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

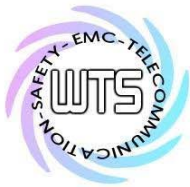
Mode H



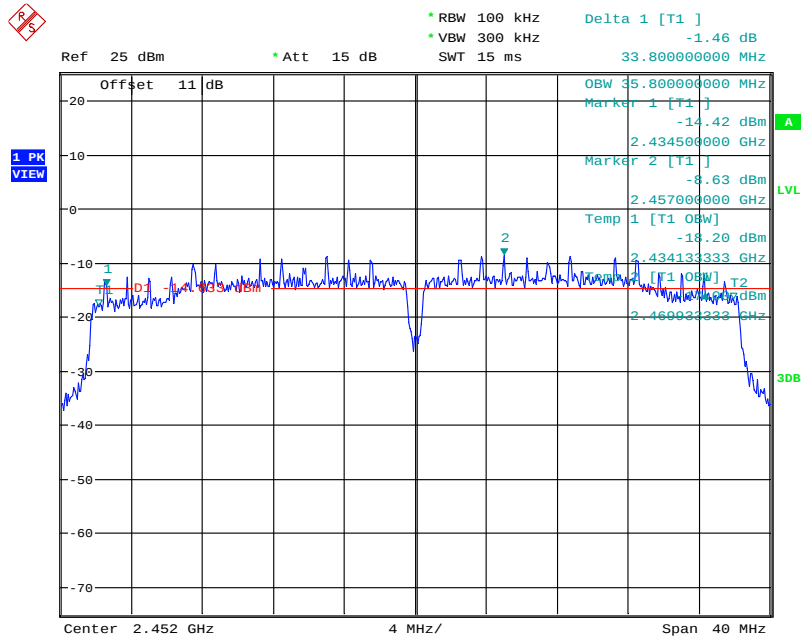
6DB BANDWIDTH 802.11N 40MHz CH01
Date: 6.JAN.2016 15:09:37



6DB BANDWIDTH 802.11N 40MHz CH04
Date: 6.JAN.2016 15:10:18

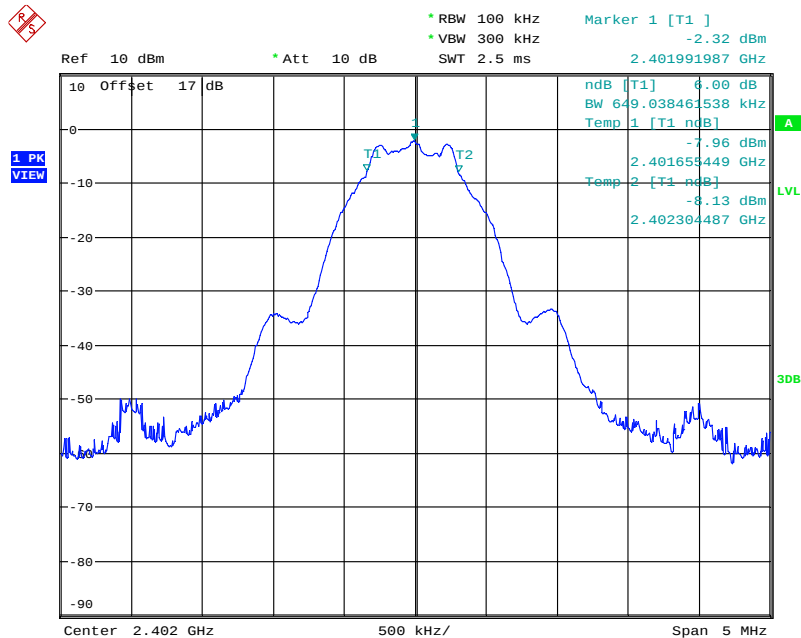


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

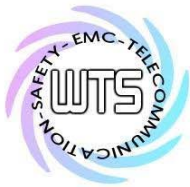


6DB BANDWIDTH 802.11N 40MHz CH07
Date: 6.JAN.2016 15:10:56

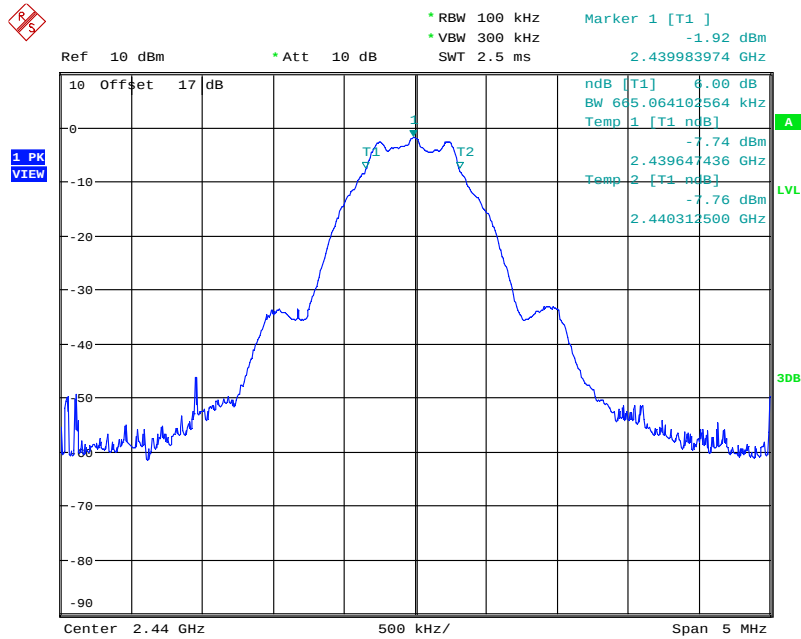
Mode K



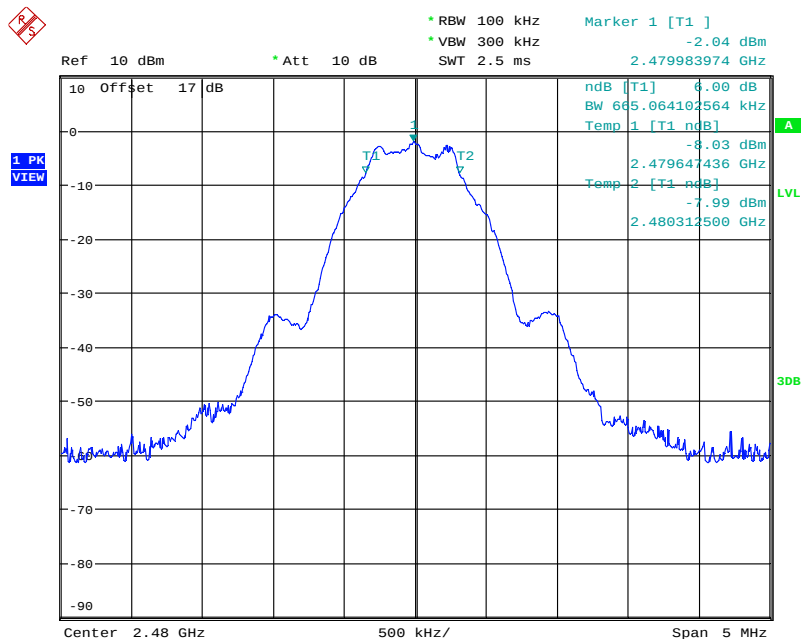
6DB BANDWIDTH BT4.0 CH00
Date: 6.JAN.2016 14:19:37



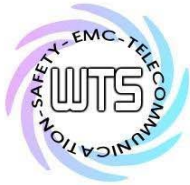
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



6DB BANDWIDTH BT4.0 CH19
Date: 6.JAN.2016 14:20:29



6DB BANDWIDTH BT4.0 CH39
Date: 6.JAN.2016 14:21:13



Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11

Limits:

Frequency Range MHz	Limits
902-928	min 500 kHz
2400-2483.5	min 500 kHz
5725-5850	min 500 kHz

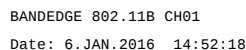
Test equipment used: ETSTW-RE 055, ETSTW-RE 050

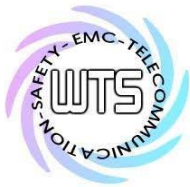


3.10 Radiated Emission on the band edge

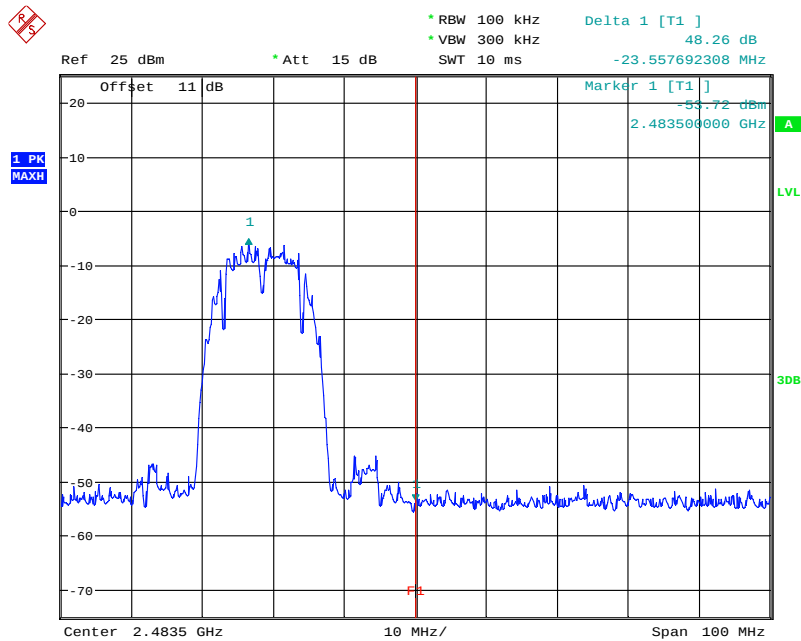
In addition radiated emission which fall in the restricted bands, as defined in section 15.205(a), must also with the radiated emission limits.

Mode A



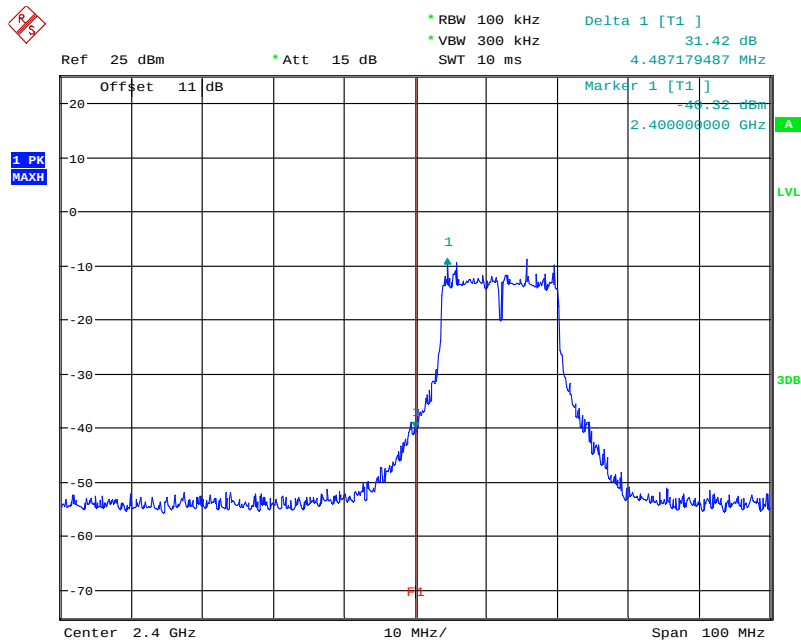


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

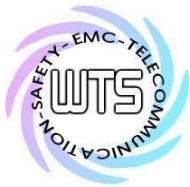


BANDEDGE 802.11B CH11
Date: 6.JAN.2016 14:54:15

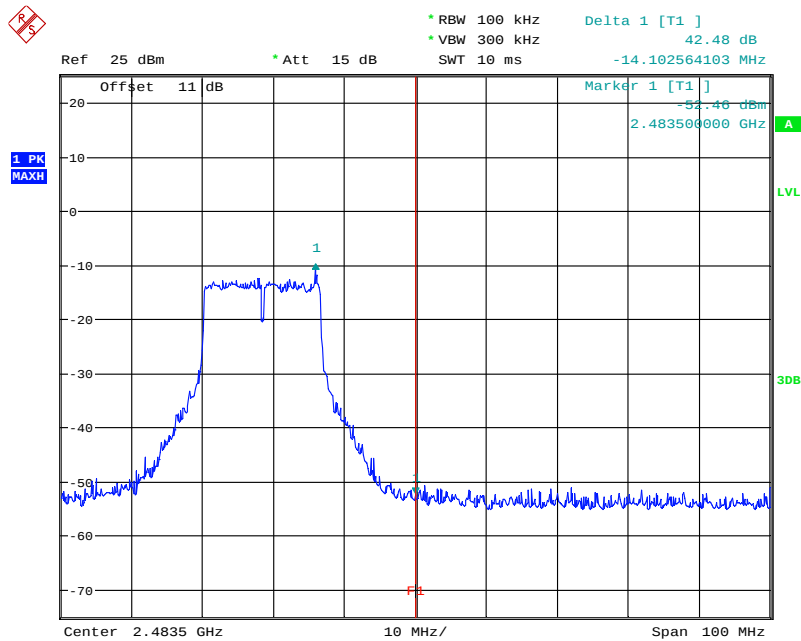
Mode B



BANDEDGE 802.11G CH01
Date: 6.JAN.2016 14:54:56

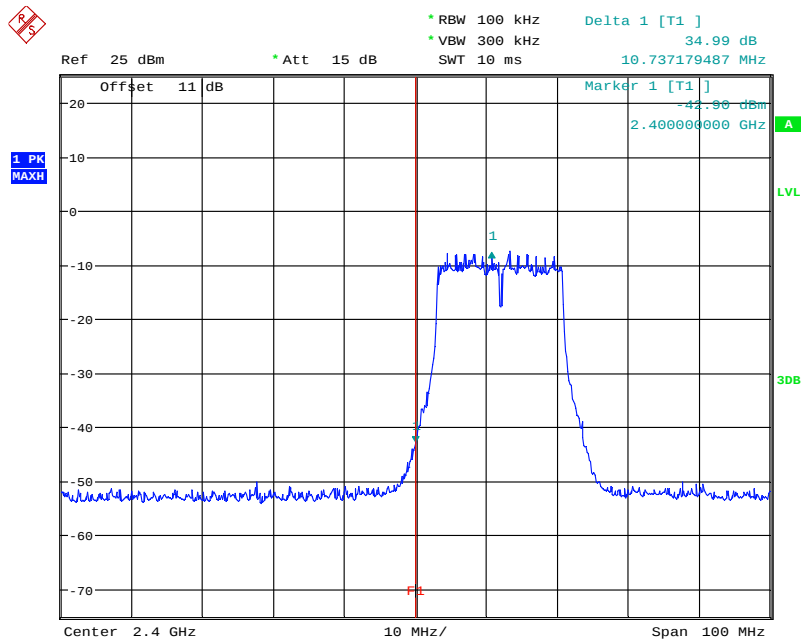


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

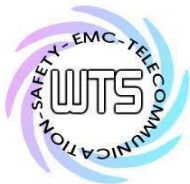


BANDEDGE 802.11G CH11
Date: 6.JAN.2016 14:56:13

Mode C

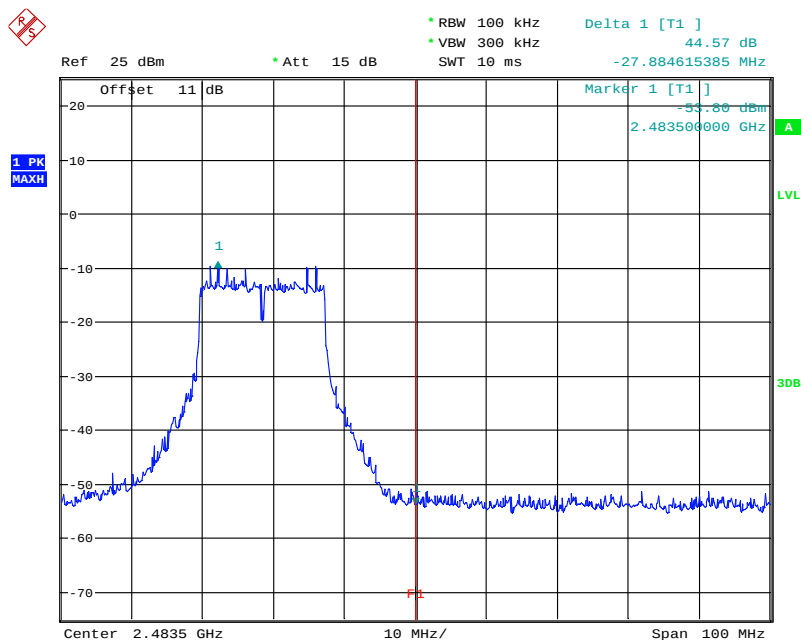


BANDEDGE 802.11N 20MHz CH01
Date: 6.JAN.2016 15:53:50



Registration number: W6M21512-15493-C-1

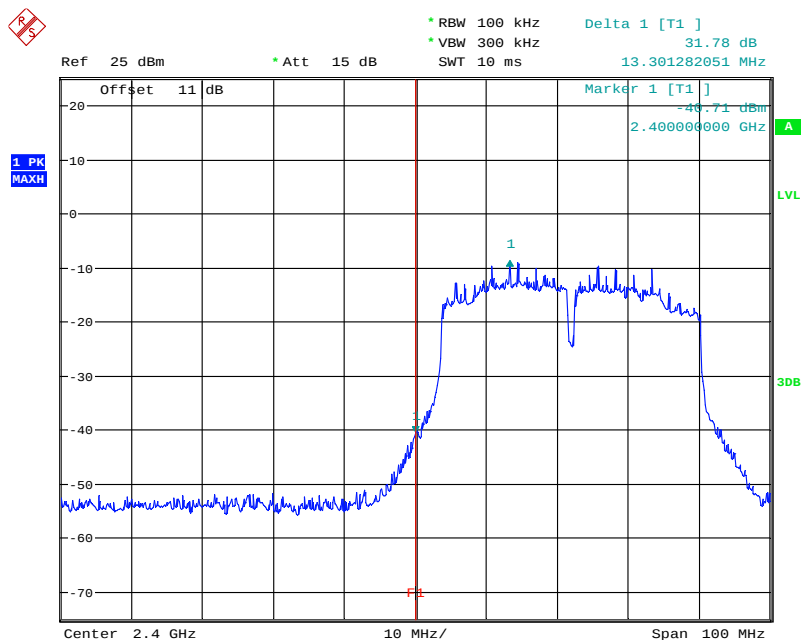
FCC ID: IR5RW11



BANDEDGE 802.11N 20MHZ CH11

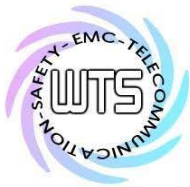
Date: 6.JAN.2016 14:58:09

Mode D

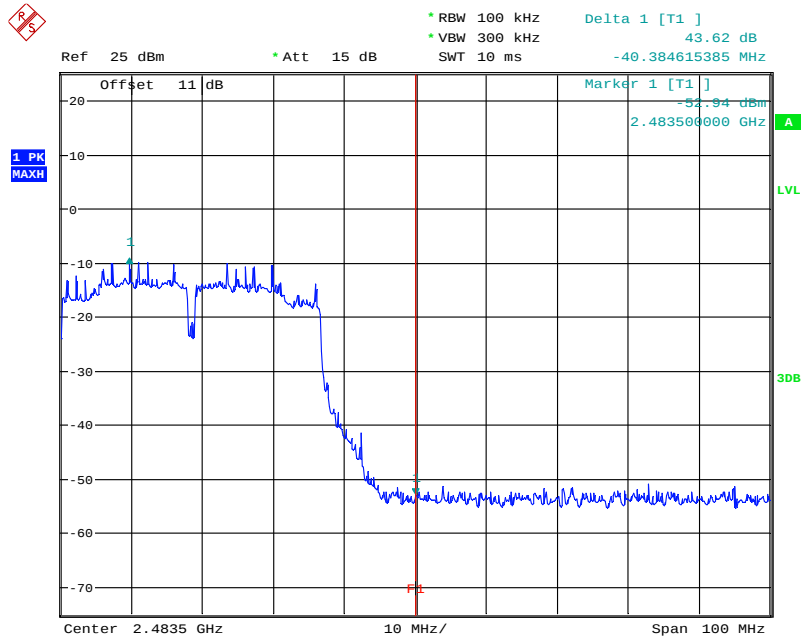


BANDEDGE 802.11N 40MHZ CH01

Date: 6.JAN.2016 14:58:56

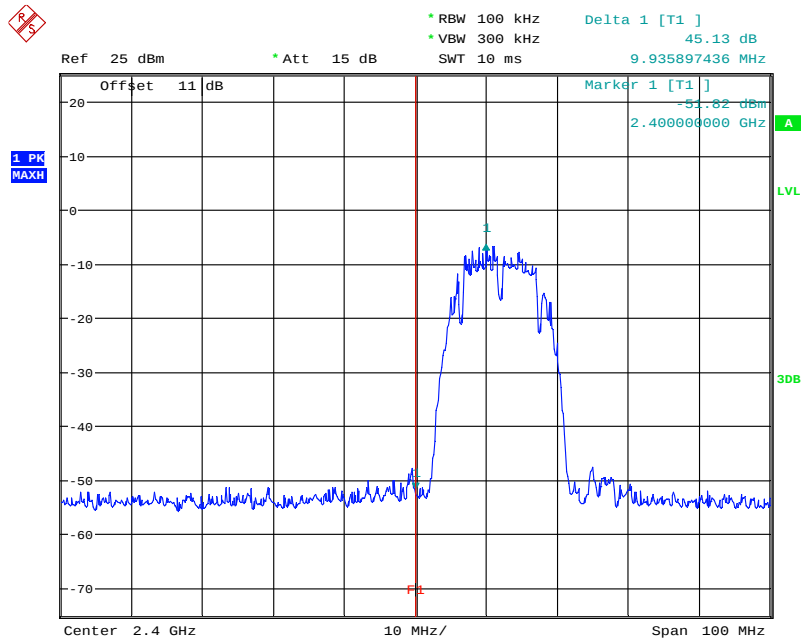


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

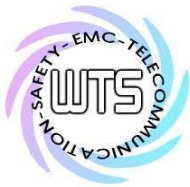


BANDEDGE 802.11N 40MHZ CH07
Date: 6.JAN.2016 15:00:17

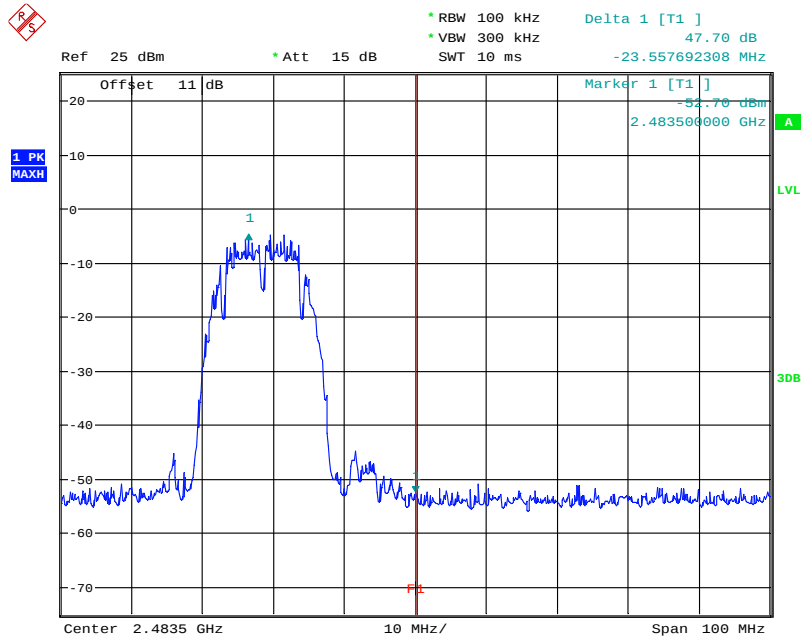
Mode E



BANDEDGE 802.11B CH01
Date: 6.JAN.2016 15:03:59

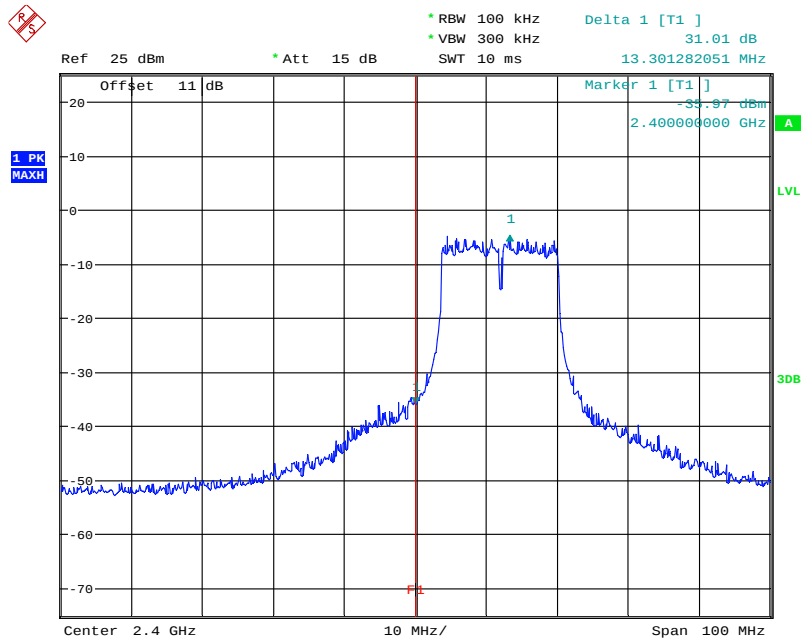


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

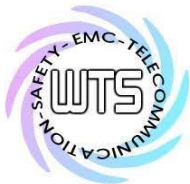


BANDEDGE 802.11B CH11
Date: 6.JAN.2016 15:05:12

Mode F

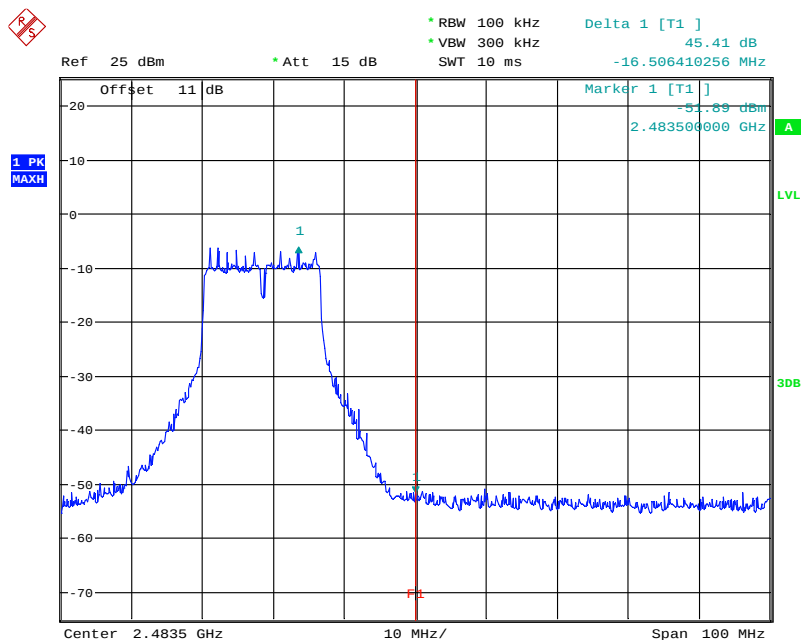


BANDEDGE 802.11G CH01
Date: 6.JAN.2016 15:51:35



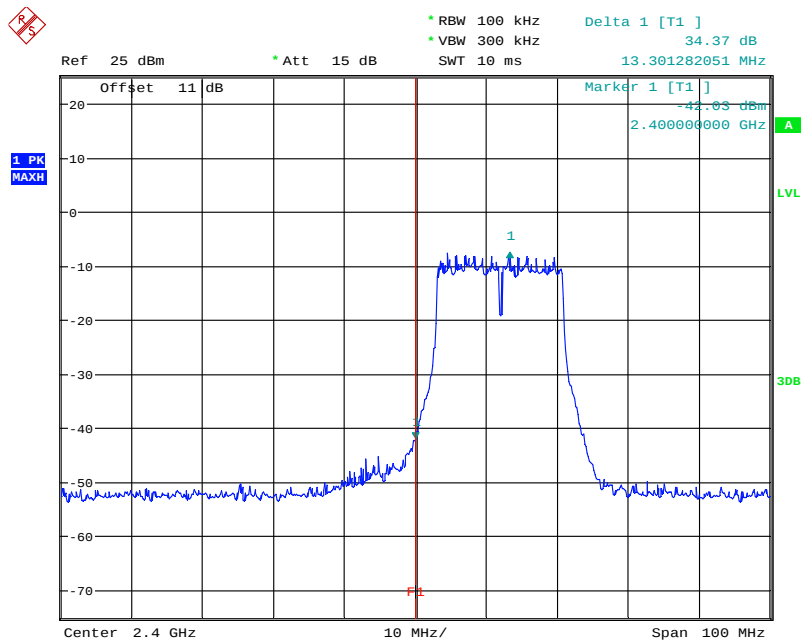
Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11

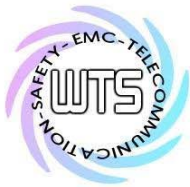


BANDEDGE 802.11G CH11
Date: 6.JAN.2016 15:07:18

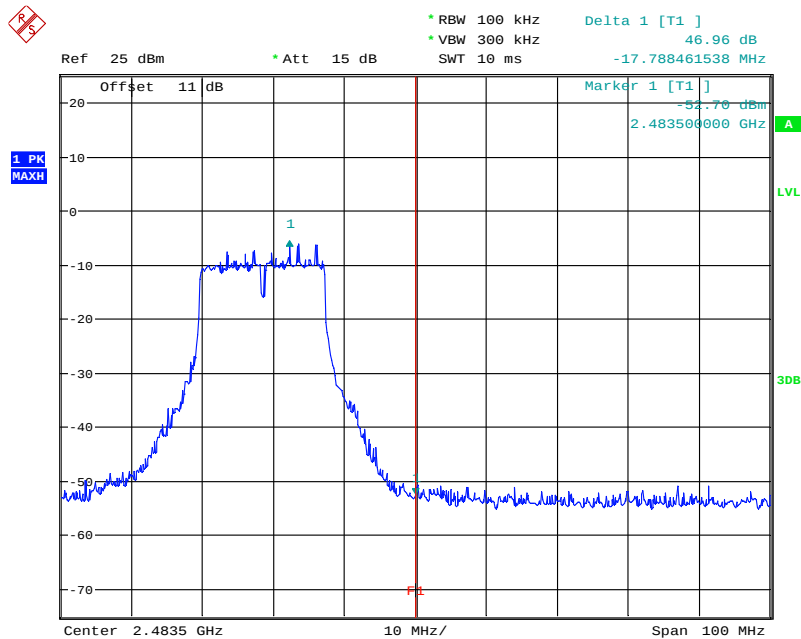
Mode G



BANDEDGE 802.11N 20MHz CH01
Date: 6.JAN.2016 15:52:47

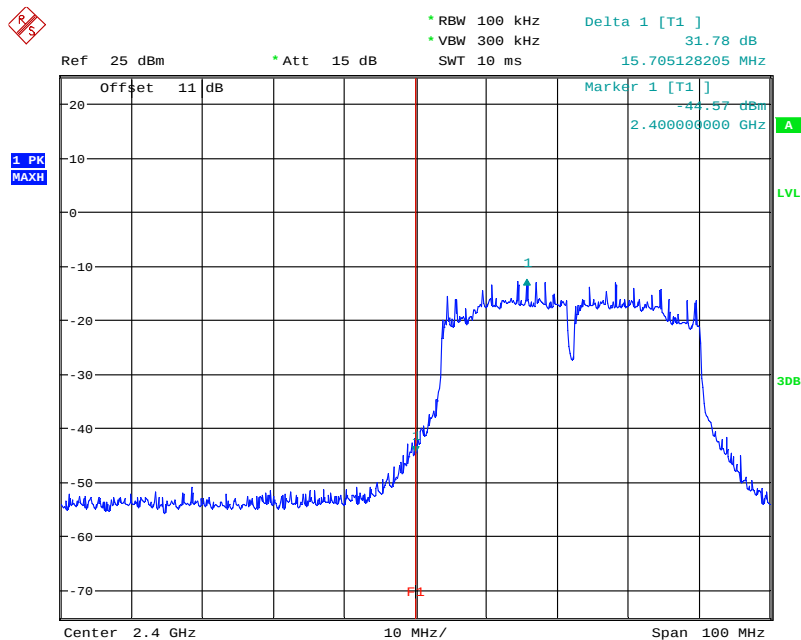


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

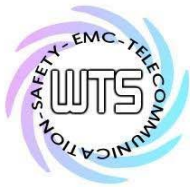


BANDEDGE 802.11N 20MHZ CH11
Date: 6.JAN.2016 15:09:10

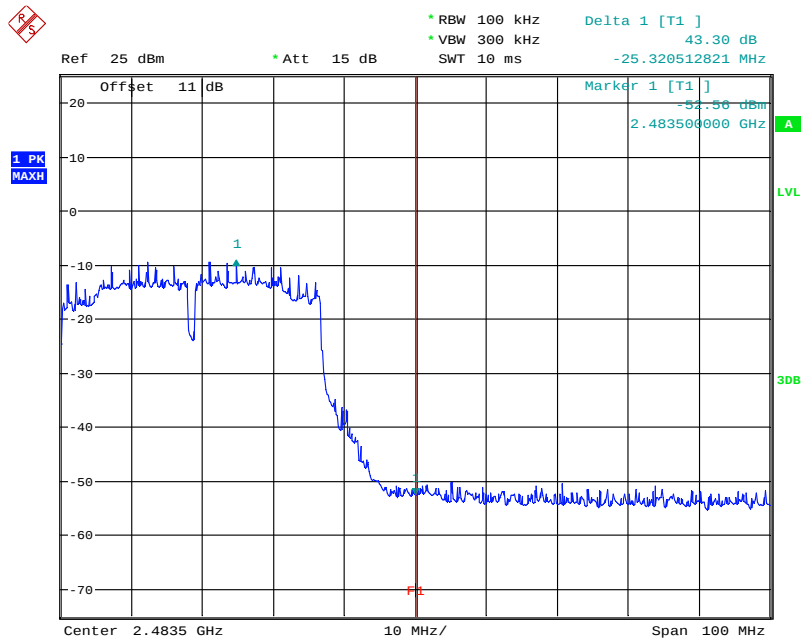
Mode H



BANDEDGE 802.11N 40MHZ CH01
Date: 6.JAN.2016 15:09:56

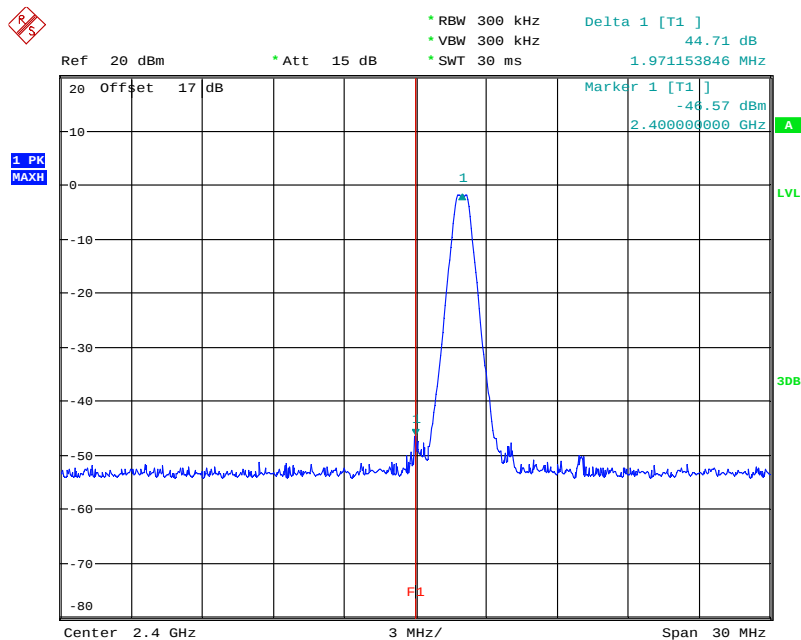


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

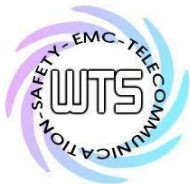


BANDEDGE 802.11N 40MHZ CH07
Date: 6.JAN.2016 15:11:13

Mode I

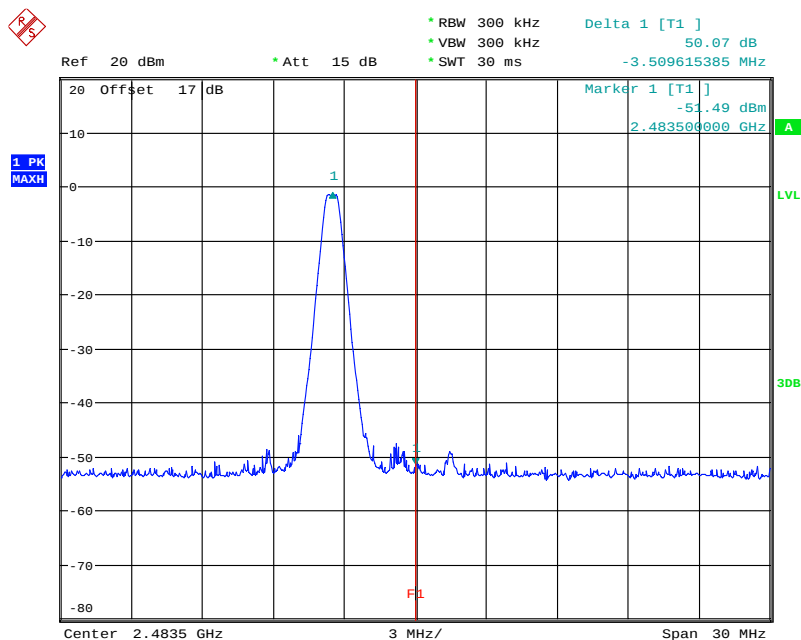


BANDEDGE CH0
Date: 6.JAN.2016 14:02:56



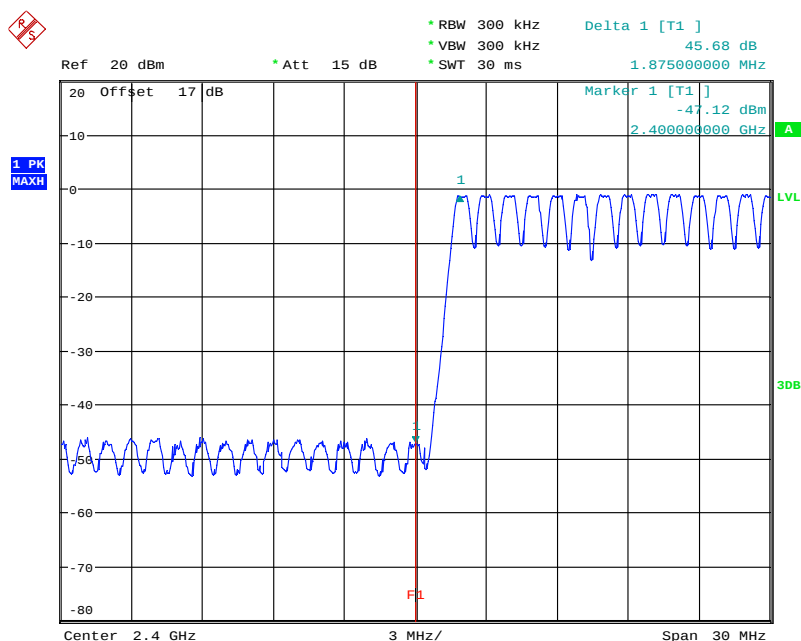
Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11



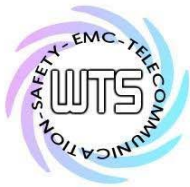
BANDEDGE CH78

Date: 6.JAN.2016 14:04:44

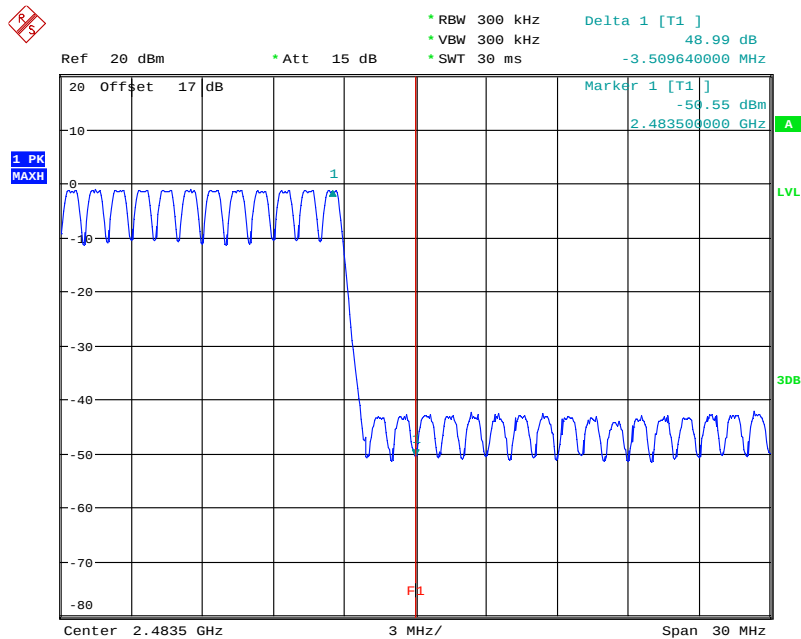


BANDEDGE CH0 HOPPING MODE

Date: 6.JAN.2016 14:05:42

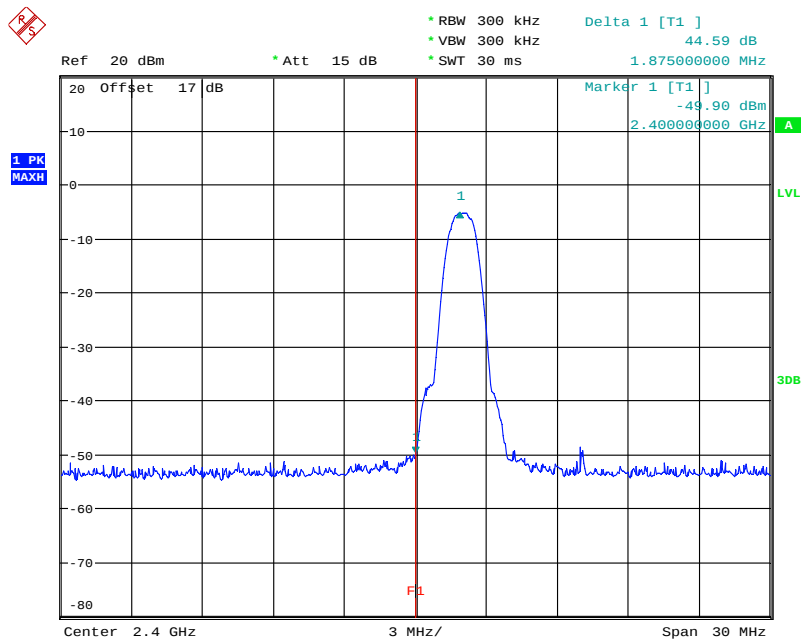


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

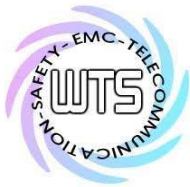


BANDEDGE CH78 HOPPING MODE
Date: 6.JAN.2016 14:06:20

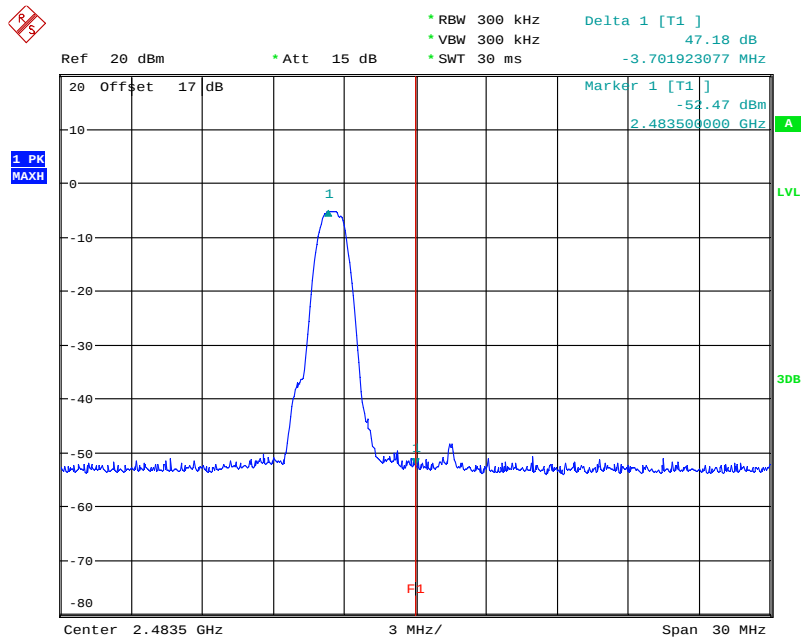
Mode J



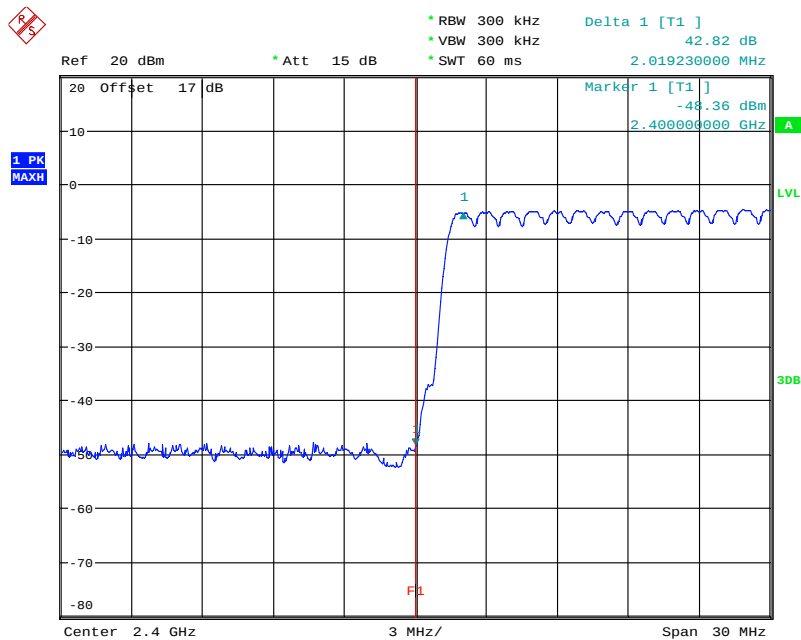
BANDEDGE CH0 EDR MODE
Date: 6.JAN.2016 14:11:08



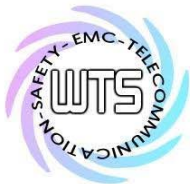
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



BANDEDGE CH78 EDR MODE
Date: 6.JAN.2016 14:12:28

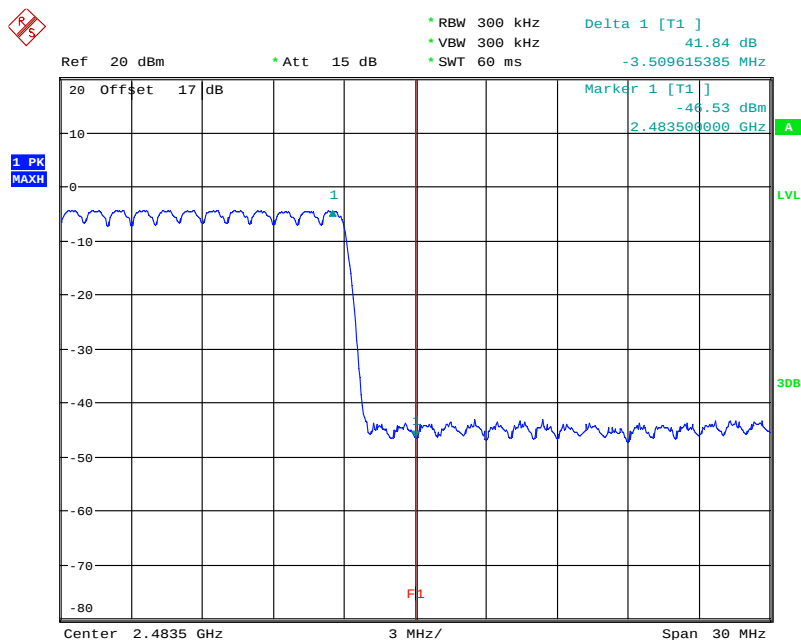


BANDEDGE CH0 EDR HOPPING MODE
Date: 6.JAN.2016 14:14:24



Registration number: W6M21512-15493-C-1

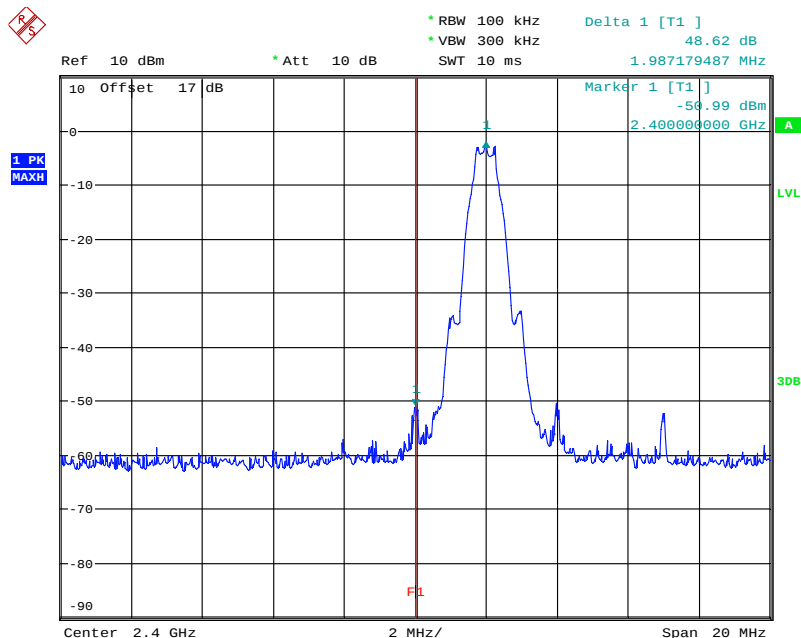
FCC ID: IR5RW11



BANDEGE CH78 EDR HOPPING MODE

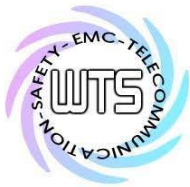
Date: 6.JAN.2016 15:47:43

Mode K

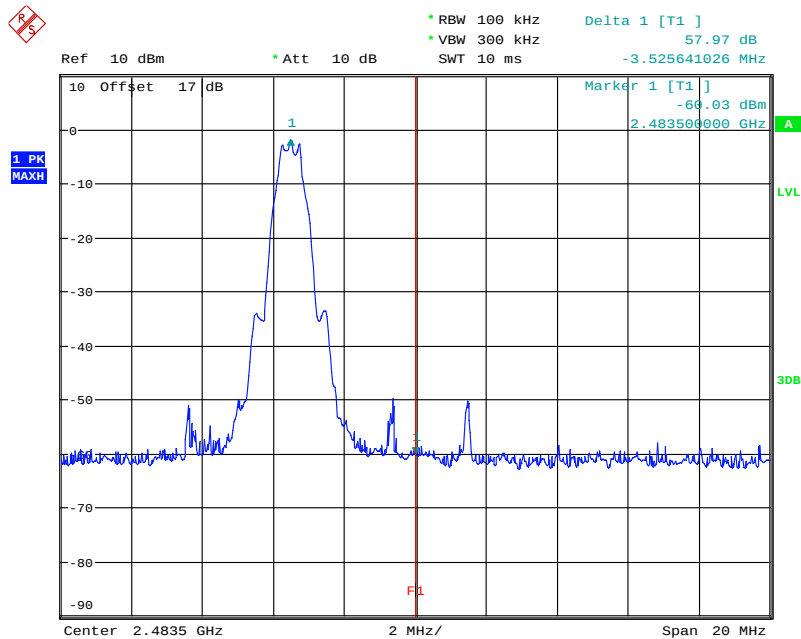


BANDEGE BT4.0 CH00

Date: 6.JAN.2016 14:19:59



Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

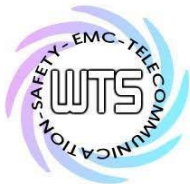


BANDEDGE BT4.0 CH39
Date: 6.JAN.2016 14:21:35

Limit:

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

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



Registration number: W6M21512-15493-C-1

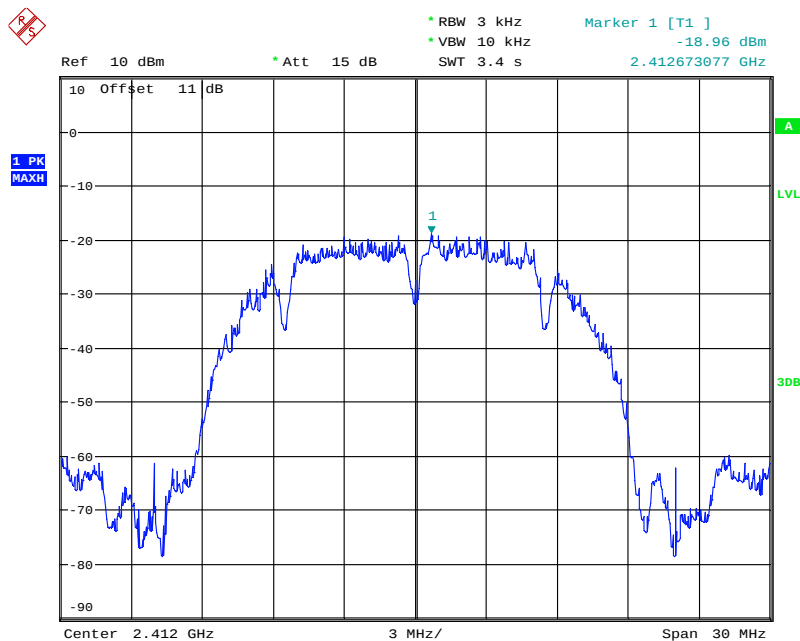
FCC ID: IR5RW11

3.11 Peak Power Spectral Density

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

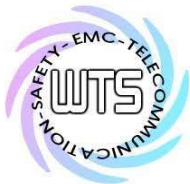
The peak output power is measured with a measurement bandwidth of 10 MHz and displayed on diagram together with Peak Power Spectral Density result which was measured with a bandwidth of 3 kHz, appreciate frequency span and sweep time.

Mode A



POWER DENSITY 802.11B CH01

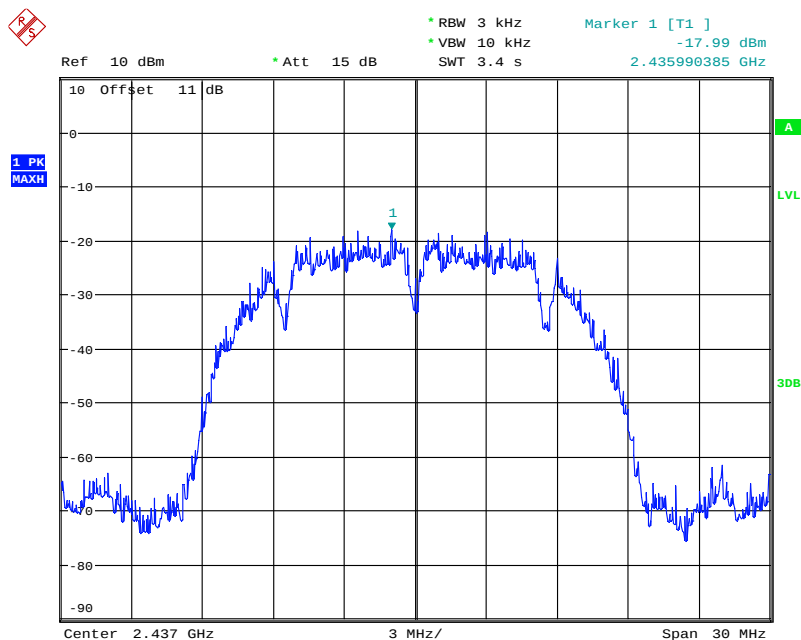
Date: 6.JAN.2016 14:52:13



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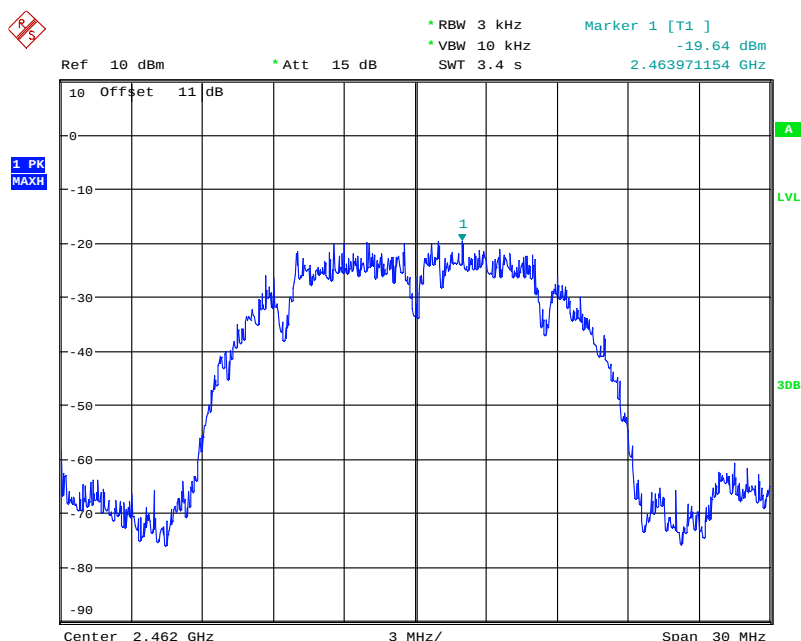
Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11



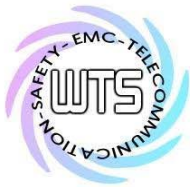
POWER DENSITY 802.11B CH06

Date: 6.JAN.2016 14:53:14



POWER DENSITY 802.11B CH11

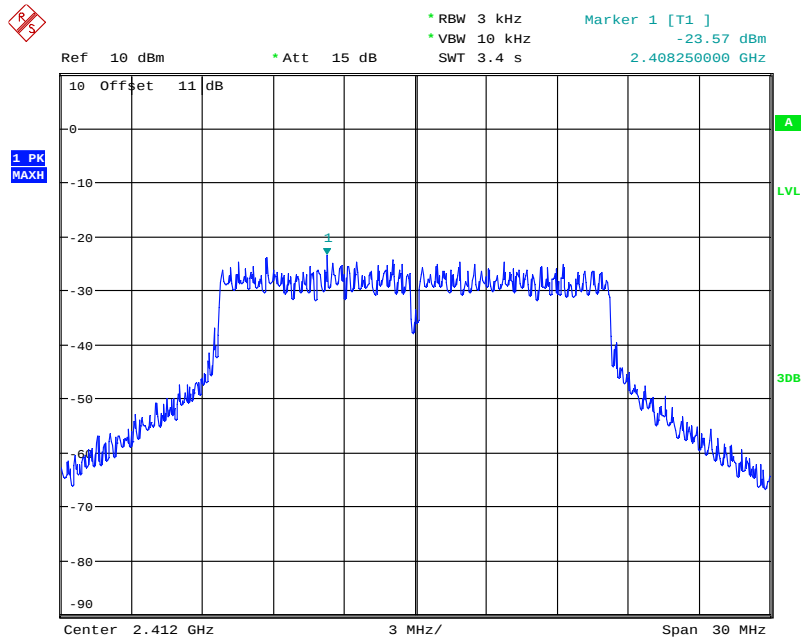
Date: 6.JAN.2016 14:54:10



Registration number: W6M21512-15493-C-1

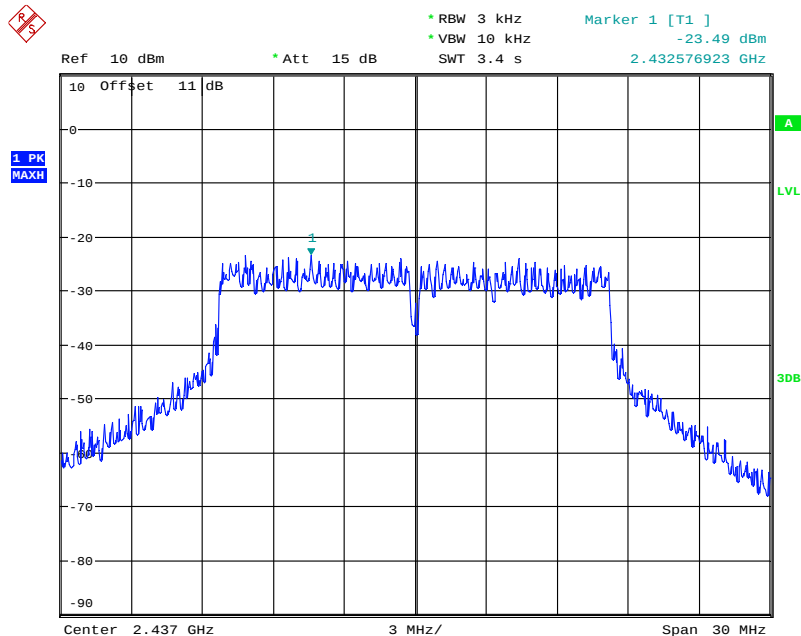
FCC ID: IR5RW11

Mode B



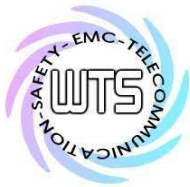
POWER DENSITY 802.11G CH01

Date: 6.JAN.2016 14:54:51

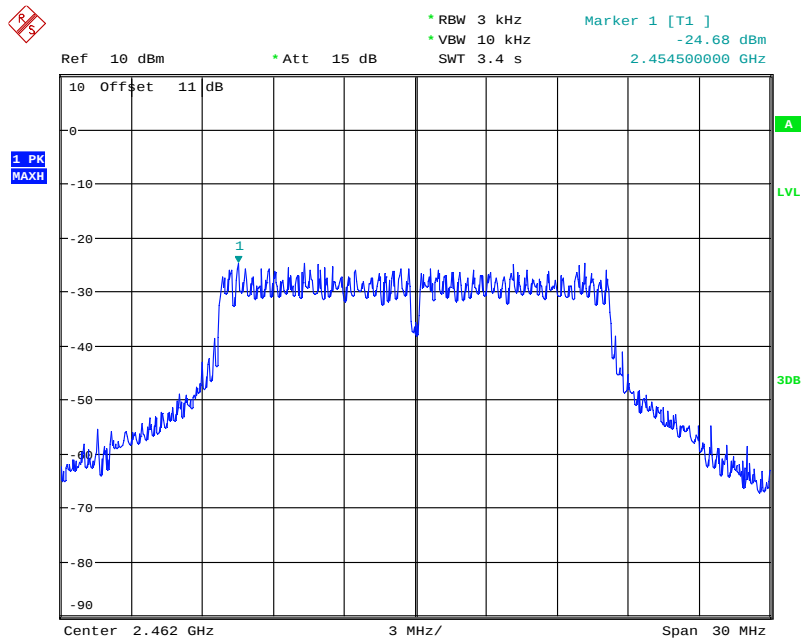


POWER DENSITY 802.11G CH06

Date: 6.JAN.2016 14:55:33

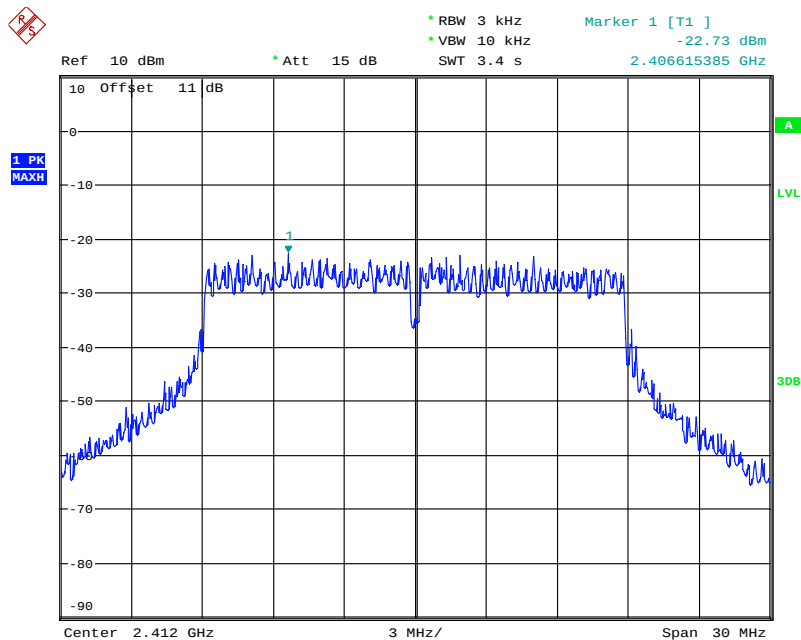


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

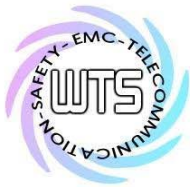


POWER DENSITY 802.11G CH11
Date: 6.JAN.2016 14:56:08

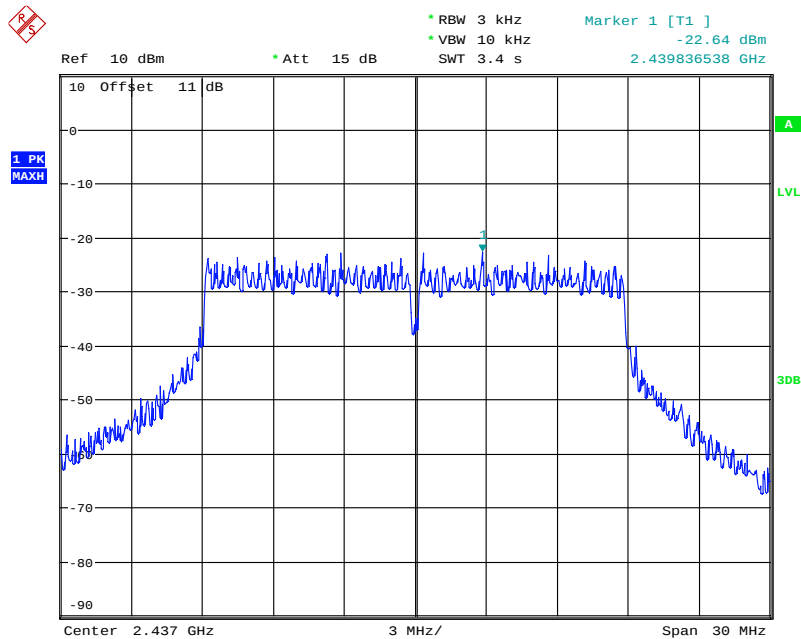
Mode C



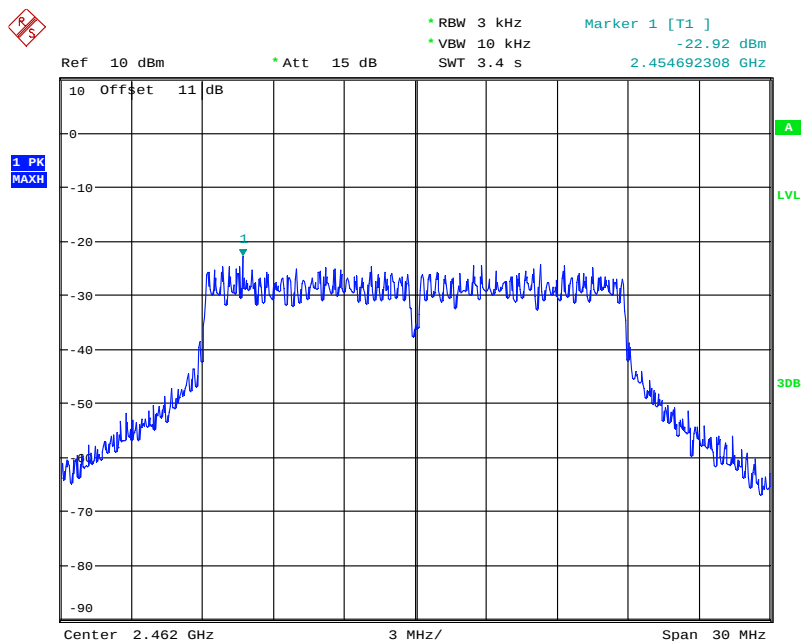
POWER DENSITY 802.11N 20MHZ CH01
Date: 6.JAN.2016 14:56:51



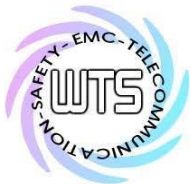
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



POWER DENSITY 802.11N 20MHZ CH06
Date: 6.JAN.2016 14:57:30



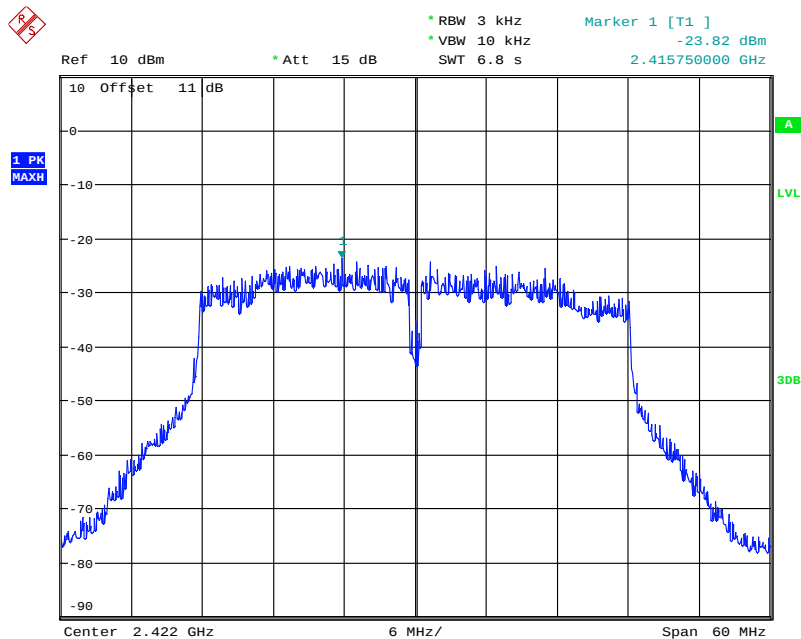
POWER DENSITY 802.11N 20MHZ CH11
Date: 6.JAN.2016 14:58:04



Registration number: W6M21512-15493-C-1

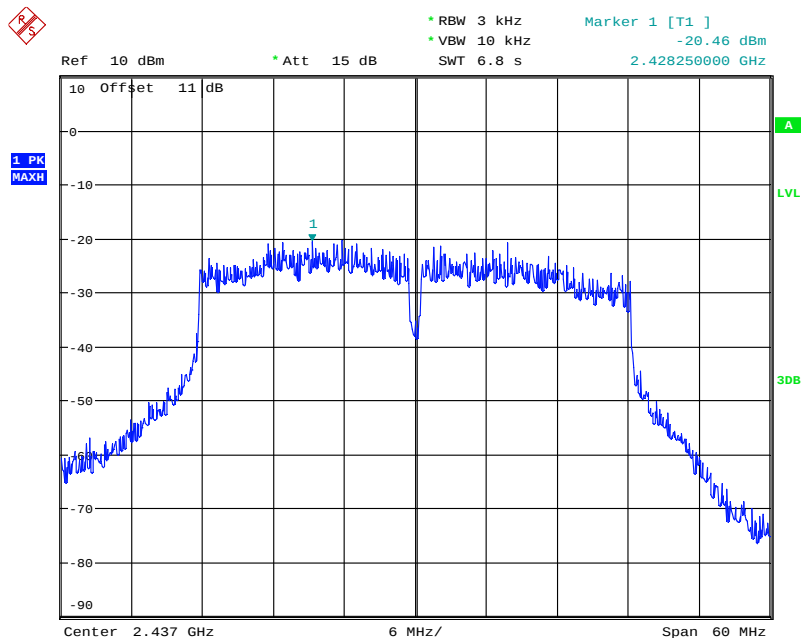
FCC ID: IR5RW11

Mode D



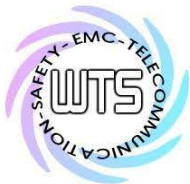
POWER DENSITY 802.11N 40MHZ CH01

Date: 6.JAN.2016 14:58:51



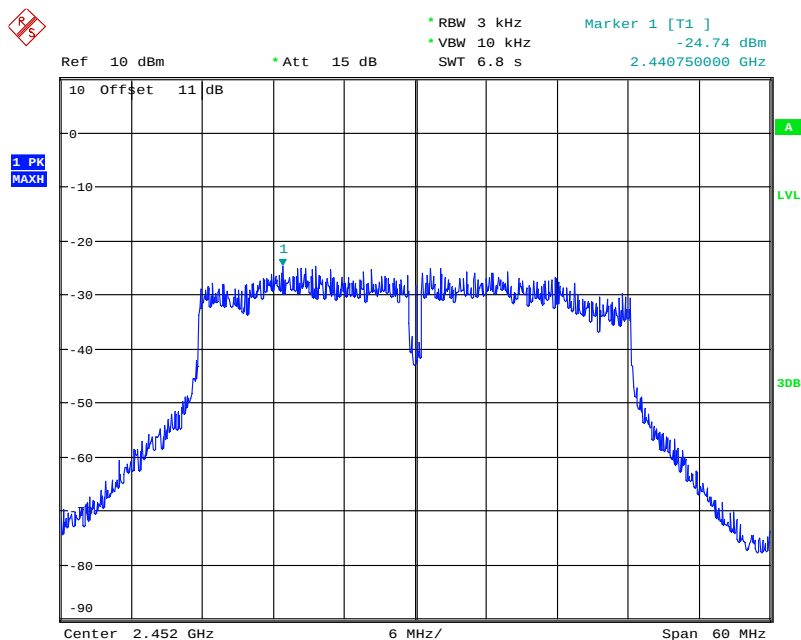
POWER DENSITY 802.11N 40MHZ CH04

Date: 6.JAN.2016 14:59:30



Registration number: W6M21512-15493-C-1

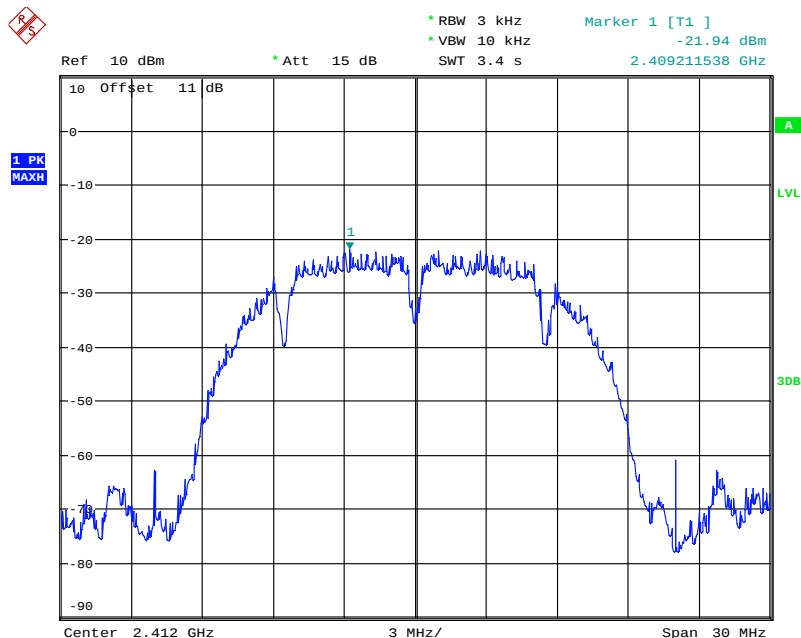
FCC ID: IR5RW11



POWER DENSITY 802.11N 40MHZ CH07

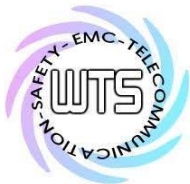
Date: 6.JAN.2016 15:00:12

Mode E



POWER DENSITY 802.11B CH01

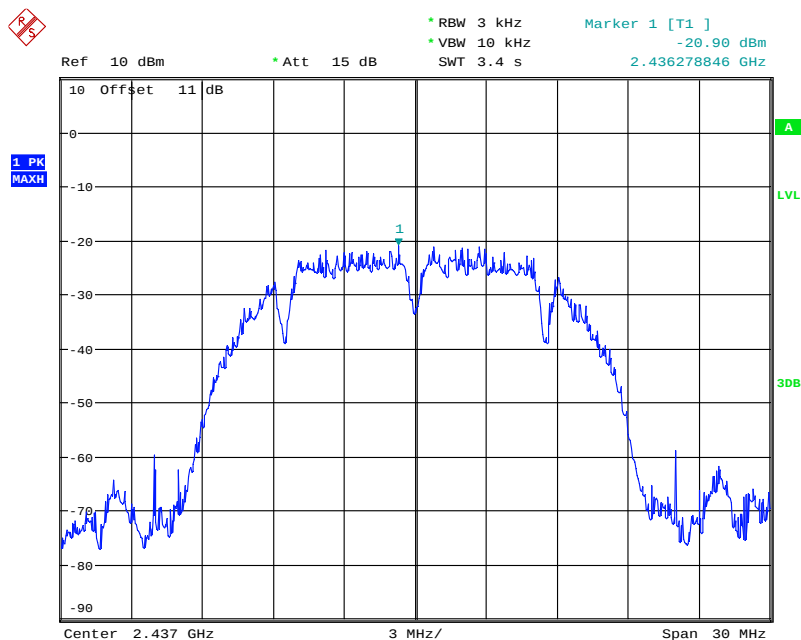
Date: 6.JAN.2016 15:03:54



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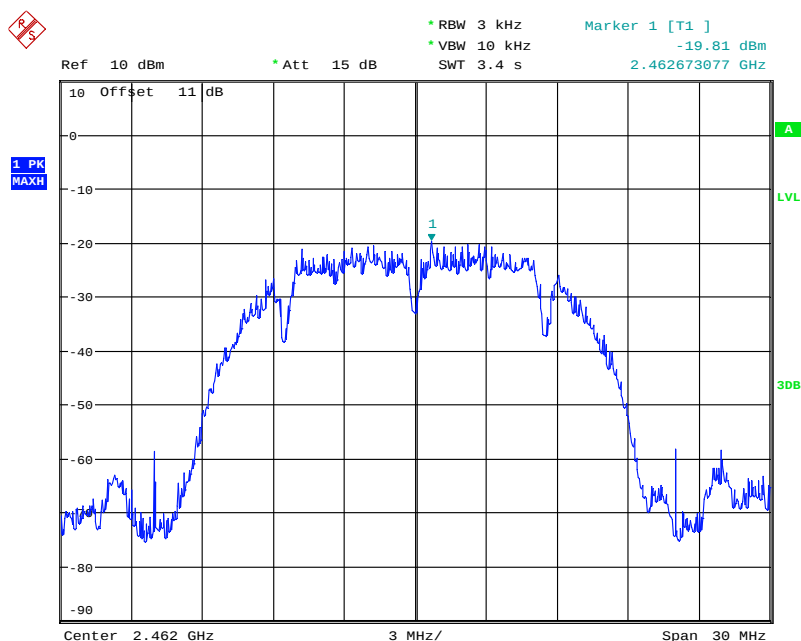
Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11



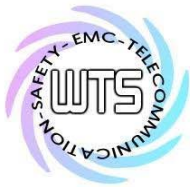
POWER DENSITY 802.11B CH06

Date: 6.JAN.2016 15:04:31



POWER DENSITY 802.11B CH11

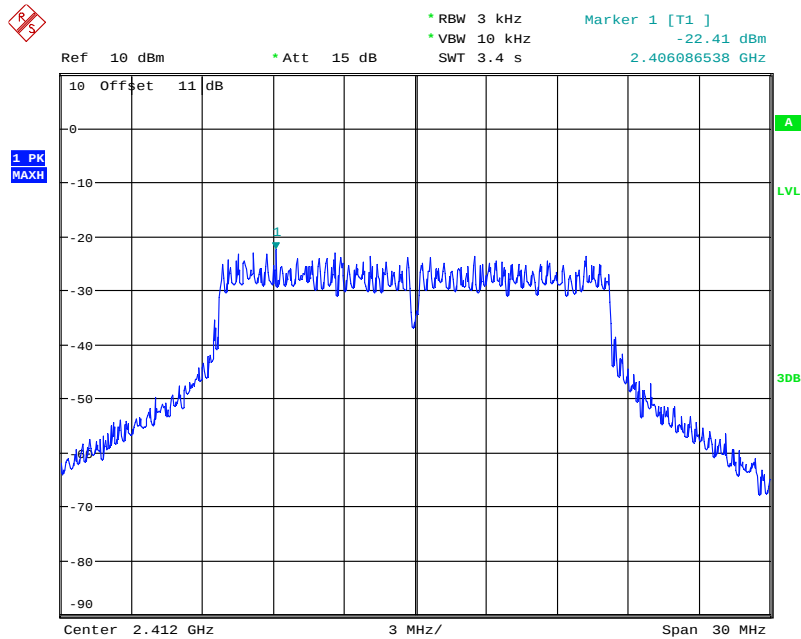
Date: 6.JAN.2016 15:05:05



Registration number: W6M21512-15493-C-1

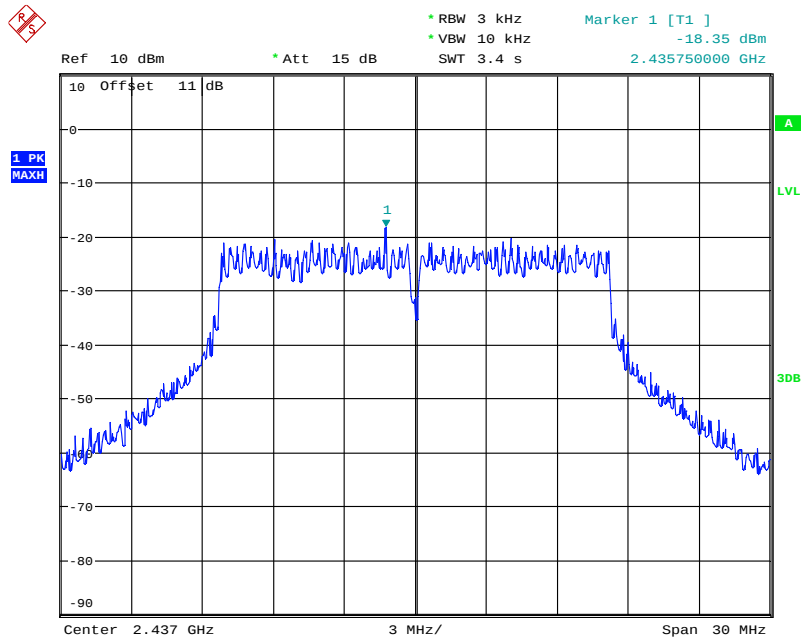
FCC ID: IR5RW11

Mode F



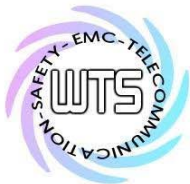
POWER DENSITY 802.11G CH01

Date: 6.JAN.2016 15:05:52



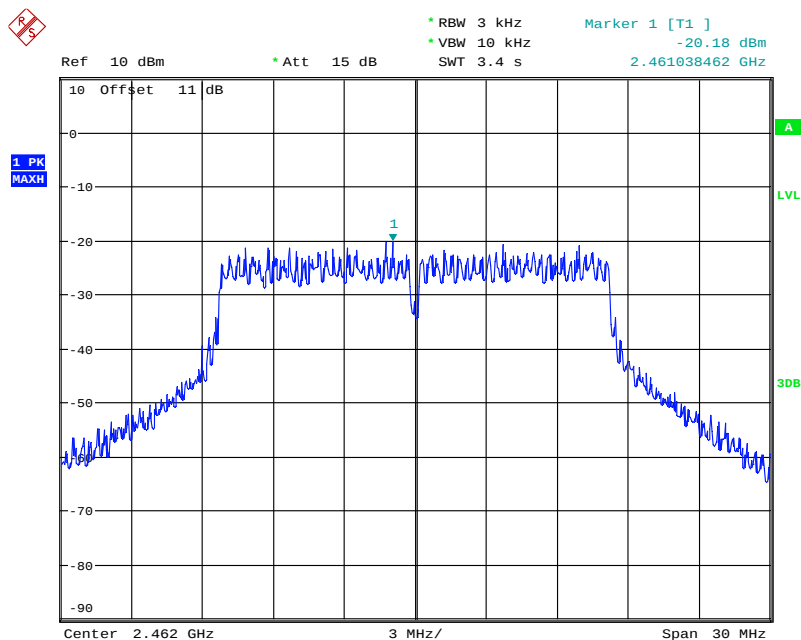
POWER DENSITY 802.11G CH06

Date: 6.JAN.2016 15:06:30



Registration number: W6M21512-15493-C-1

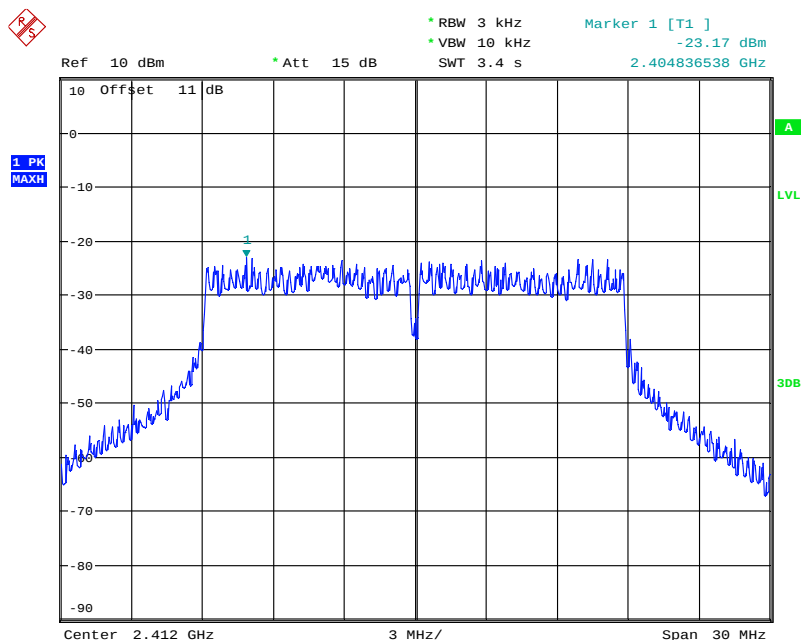
FCC ID: IR5RW11



POWER DENSITY 802.11G CH11

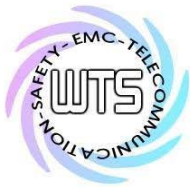
Date: 6.JAN.2016 15:07:13

Mode G

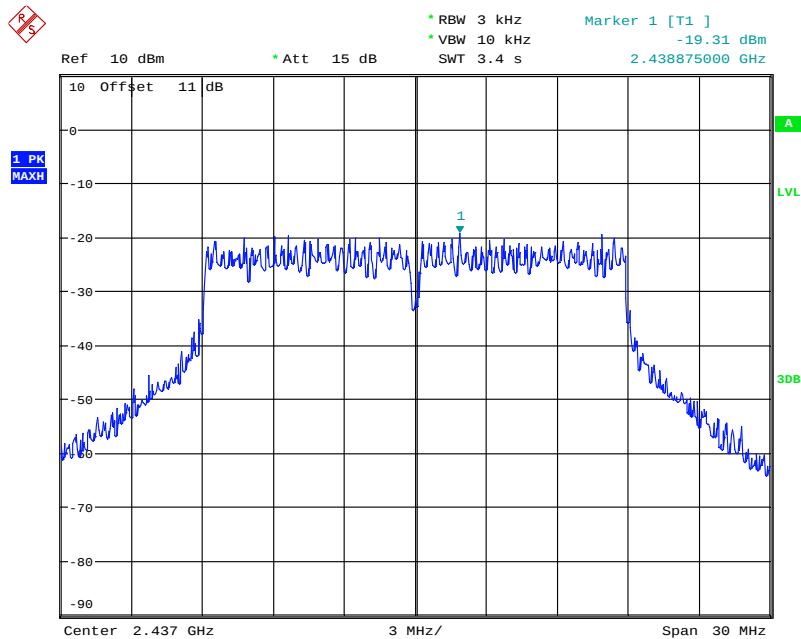


POWER DENSITY 802.11N 20MHz CH01

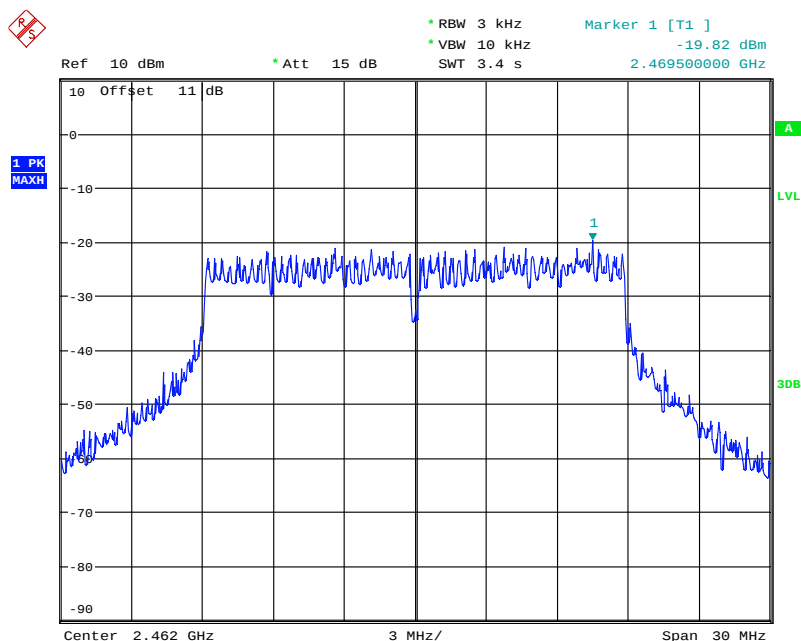
Date: 6.JAN.2016 15:07:53



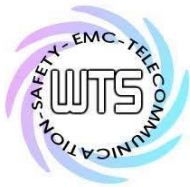
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



POWER DENSITY 802.11N 20MHZ CH06
Date: 6.JAN.2016 15:08:31

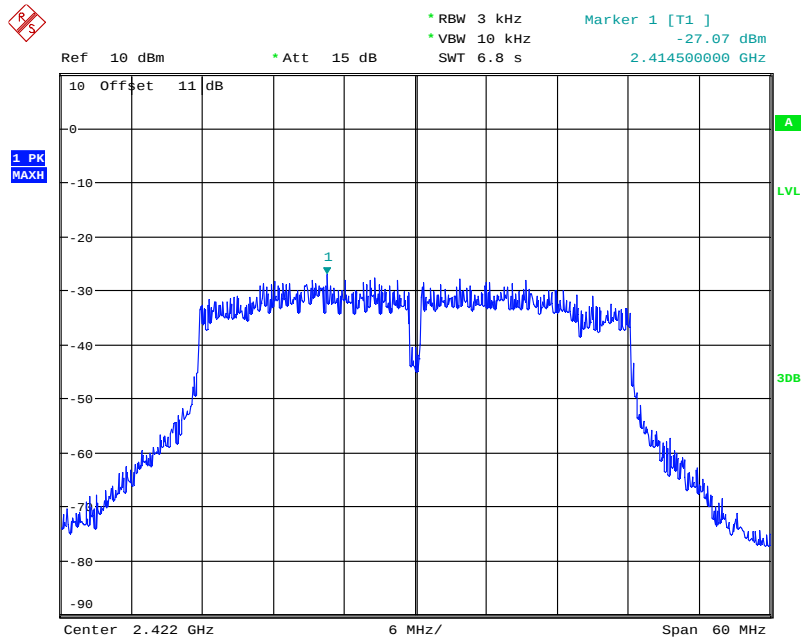


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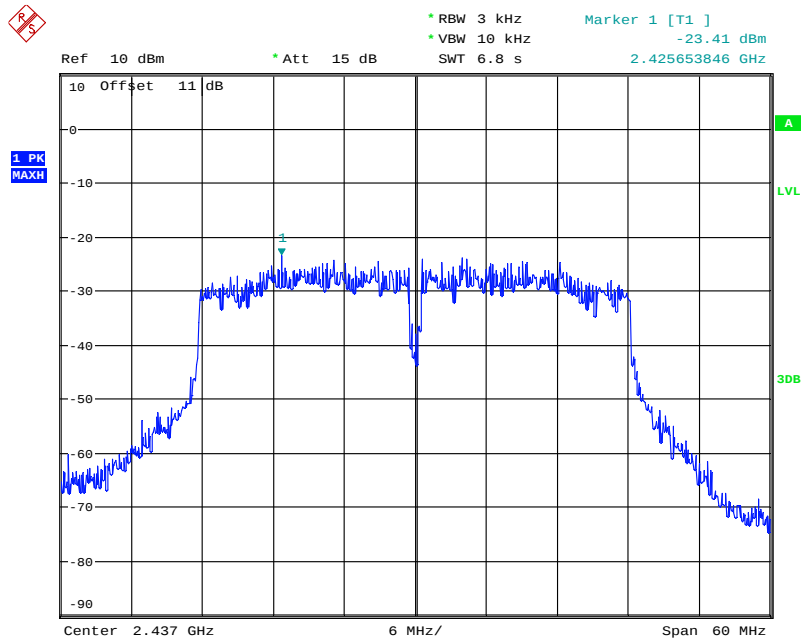


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

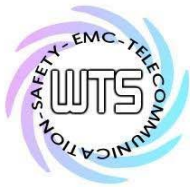
Mode H



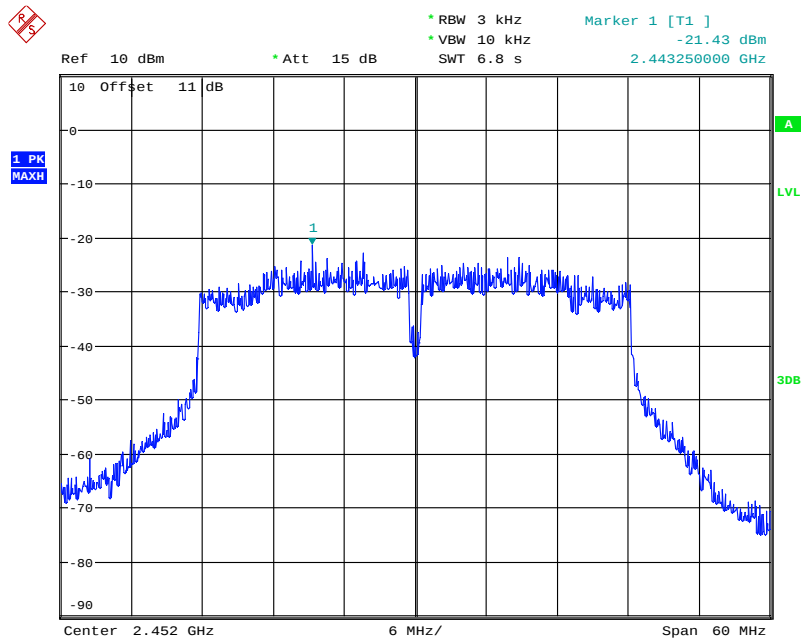
POWER DENSITY 802.11N 40MHZ CH01
Date: 6.JAN.2016 15:09:51



POWER DENSITY 802.11N 40MHZ CH04
Date: 6.JAN.2016 15:10:32

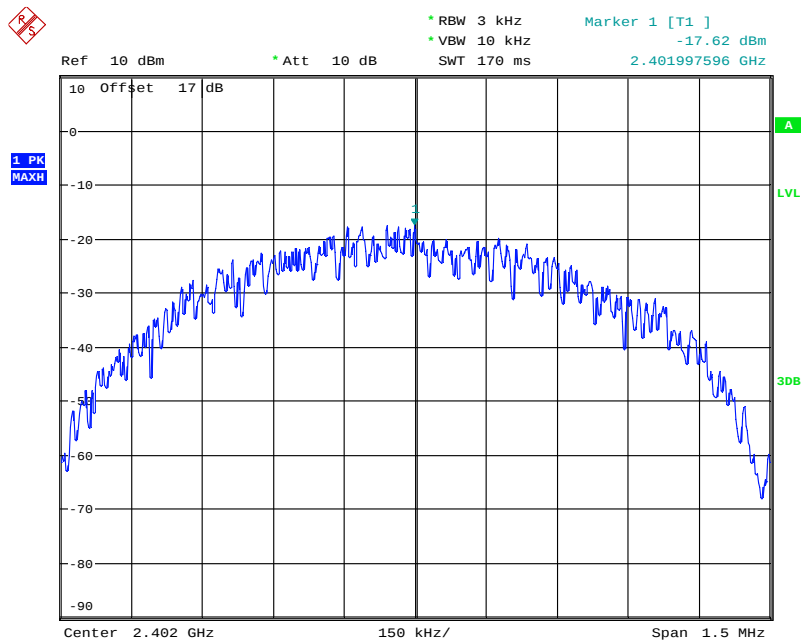


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

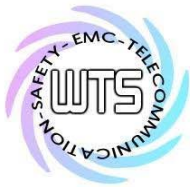


POWER DENSITY 802.11N 40MHZ CH07
Date: 6.JAN.2016 15:11:08

Mode K

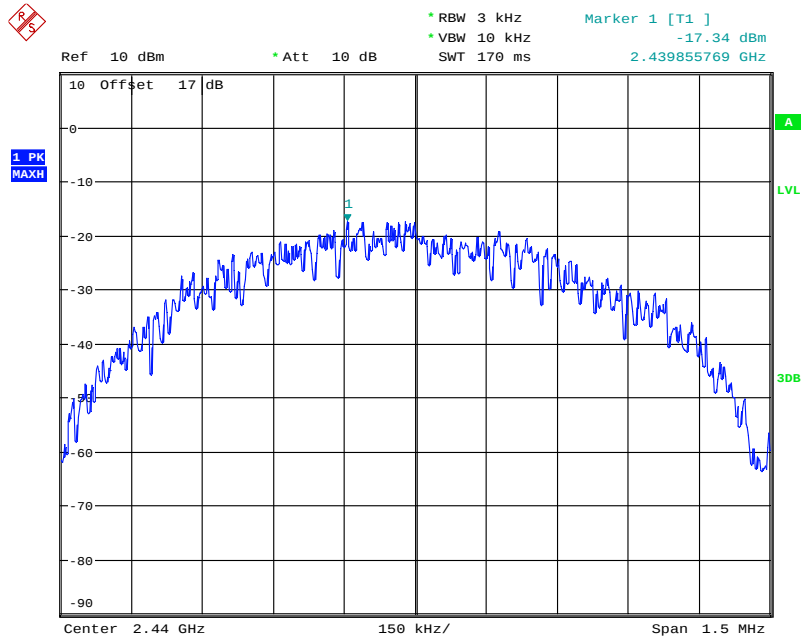


POWER DENSITY BT4.0 CH00
Date: 6.JAN.2016 14:19:51

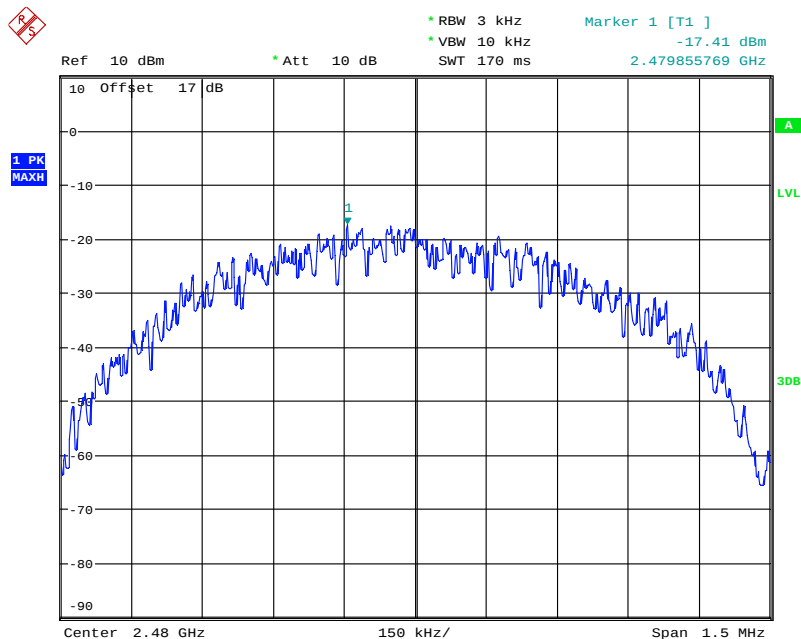


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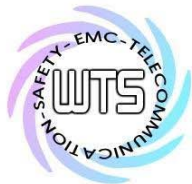
Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



POWER DENSITY BT4.0 CH19
Date: 6.JAN.2016 14:20:43



POWER DENSITY BT4.0 CH39
Date: 6.JAN.2016 14:21:25



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1

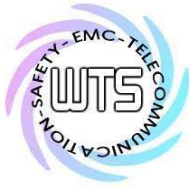
FCC ID: IR5RW11

Antenna A	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.005	0.005	0.005	-22.73	-22.64	-22.92
802.11n 40MHz	0.004	0.009	0.003	-23.82	-20.46	-24.74
Antenna B	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.005	0.012	0.010	-23.17	-19.31	-19.82
802.11n 40MHz	0.002	0.005	0.007	-27.07	-23.41	-21.43
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.010	0.017	0.015	-20.00	-17.70	-18.24
802.11n 40MHz	0.006	0.014	0.010	-22.22	-18.54	-20.00

Limits:

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

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



Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11

3.12 Radiated Emission from Digital Part

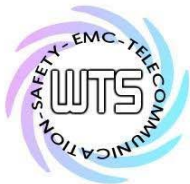
FCC Rule: 15.109

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

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

Test equipment used: ETSTW-RE 030, ETSTW-RE 055, ETSTW-RE 064, ETSTW-RE 111

Explanation: Please refer to separated test report no.: W6M21512-15493-P-15B.



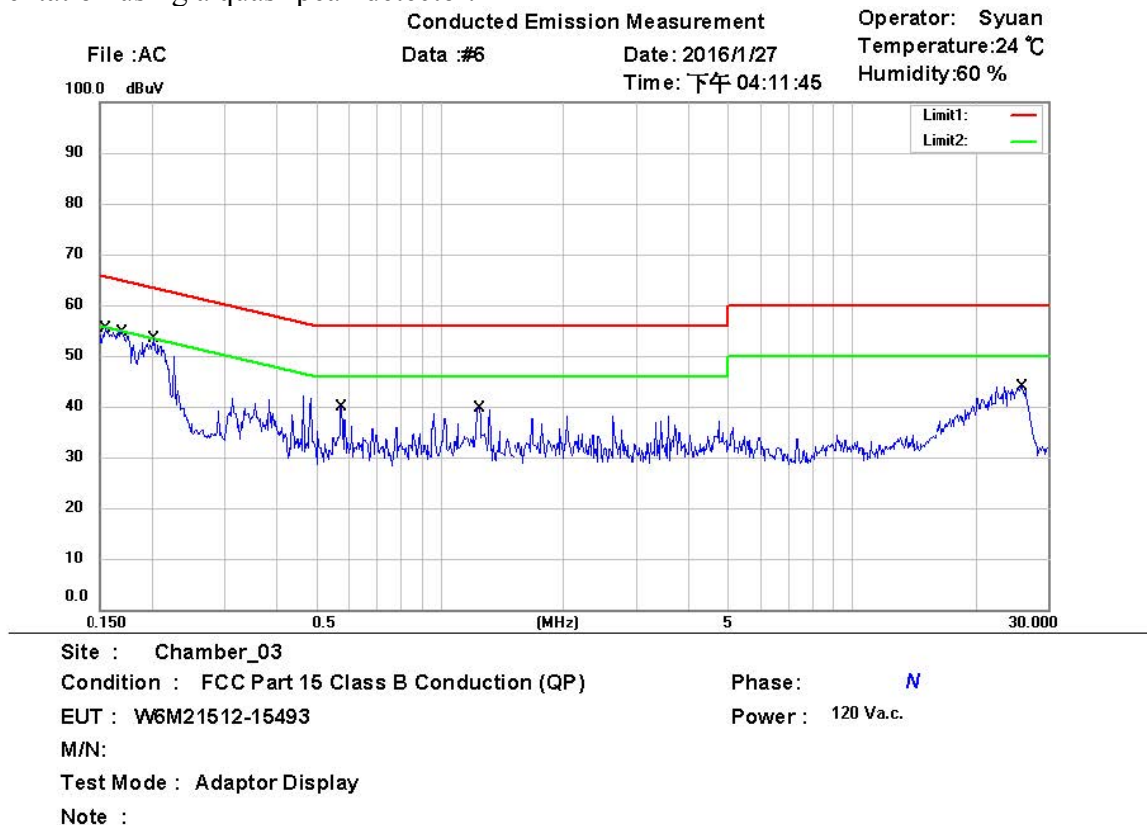
Registration number: W6M21512-15493-C-1

FCC ID: IR5RW11

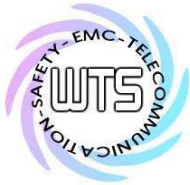
3.13 Power Line Conducted Emission

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

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

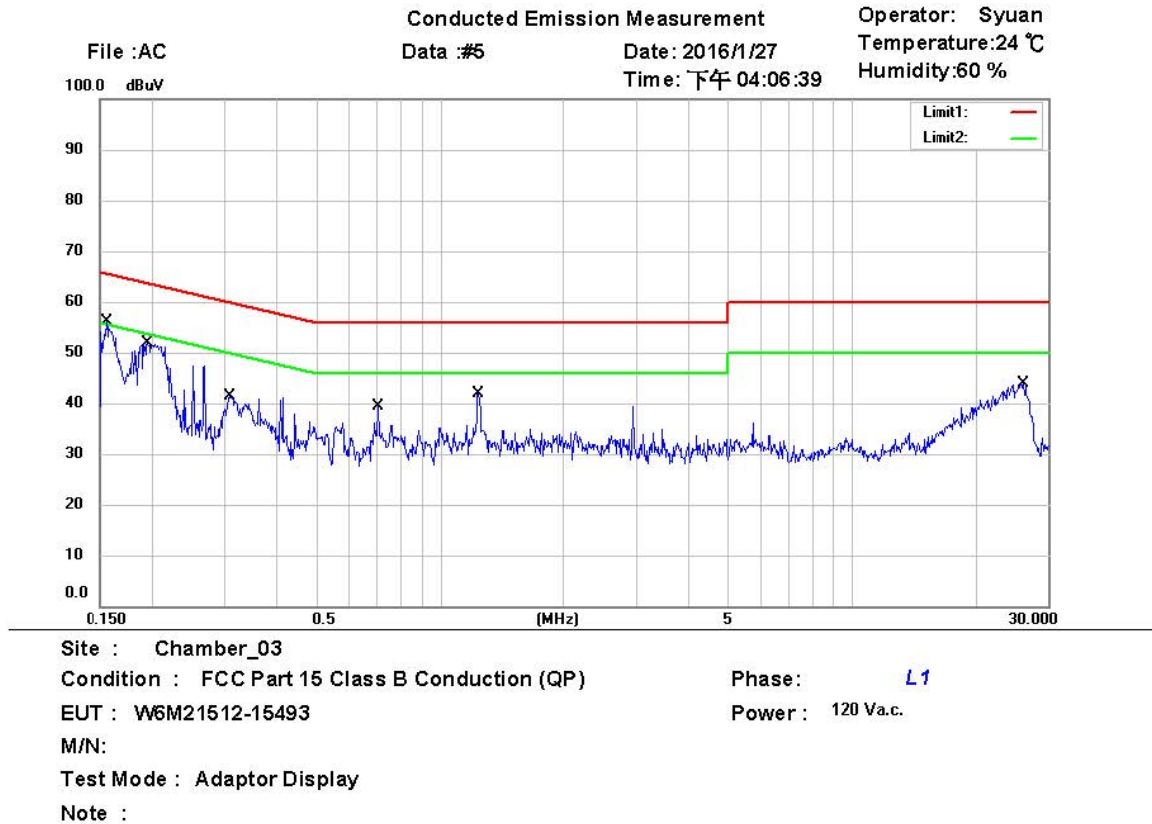


Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1542	39.44	QP	9.74	49.18	65.77	-16.59	
	0.1542	17.62	AVG	9.74	27.36	55.77	-28.41	
	0.1690	38.44	QP	9.74	48.18	65.01	-16.83	
	0.1690	16.49	AVG	9.74	26.23	55.01	-28.78	
*	0.2023	40.08	QP	9.73	49.81	63.52	-13.71	
	0.2023	29.26	AVG	9.73	38.99	53.52	-14.53	
	0.5742	18.37	QP	9.73	28.10	56.00	-27.90	
	0.5742	10.13	AVG	9.73	19.86	46.00	-26.14	
	1.2380	23.31	QP	9.76	33.07	56.00	-22.93	
	1.2380	17.04	AVG	9.76	26.80	46.00	-19.20	
	25.7375	26.14	QP	10.41	36.55	60.00	-23.45	
	25.7375	15.07	AVG	10.41	25.48	50.00	-24.52	

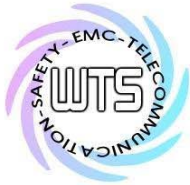


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

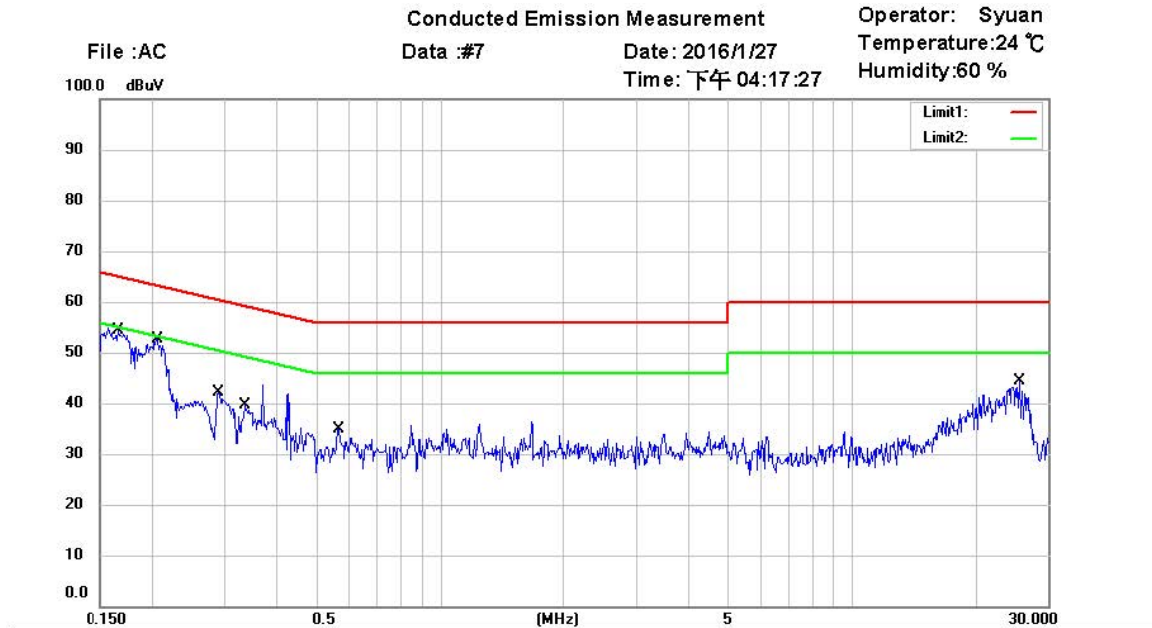


Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1554	39.98	QP	9.74	49.72	65.71	-15.99	
	0.1554	19.26	AVG	9.74	29.00	55.71	-26.71	
	0.1952	38.08	QP	9.73	47.81	63.81	-16.00	
	0.1952	24.10	AVG	9.73	33.83	53.81	-19.98	
	0.3084	24.35	QP	9.72	34.07	60.01	-25.94	
	0.3084	12.69	AVG	9.72	22.41	50.01	-27.60	
	0.7047	17.72	QP	9.74	27.46	56.00	-28.54	
	0.7047	6.04	AVG	9.74	15.78	46.00	-30.22	
	1.2313	28.09	QP	9.76	37.85	56.00	-18.15	
*	1.2313	24.25	AVG	9.76	34.01	46.00	-11.99	
	26.0750	25.56	QP	10.18	35.74	60.00	-24.26	
	26.0750	14.67	AVG	10.18	24.85	50.00	-25.15	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

EUT : W6M21512-15493

M/N:

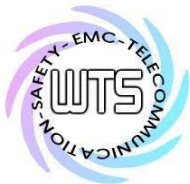
Test Mode : Adaptor VGA

Note :

Phase: N

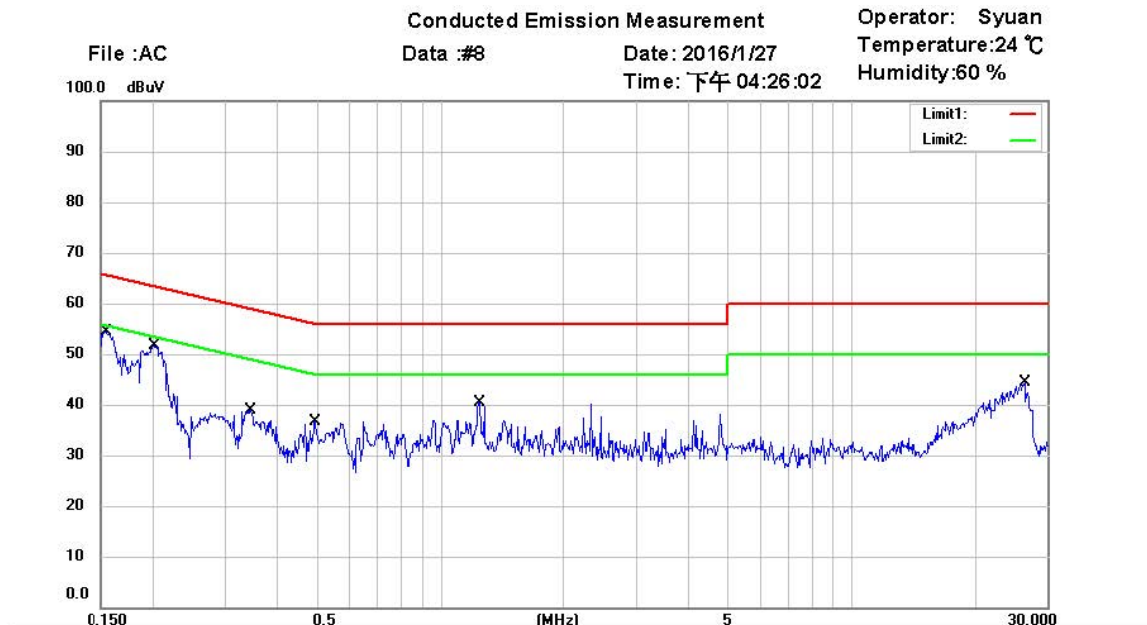
Power : 120 V.a.c.

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1654	39.02	QP	9.74	48.76	65.19	-16.43	
	0.1654	16.65	AVG	9.74	26.39	55.19	-28.80	
*	0.2071	40.28	QP	9.73	50.01	63.32	-13.31	
	0.2071	29.80	AVG	9.73	39.53	53.32	-13.79	
	0.2888	21.13	QP	9.72	30.85	60.56	-29.71	
	0.2888	4.14	AVG	9.72	13.86	50.56	-36.70	
	0.3355	25.16	QP	9.73	34.89	59.31	-24.42	
	0.3355	17.87	AVG	9.73	27.60	49.31	-21.71	
	0.5652	17.93	QP	9.73	27.66	56.00	-28.34	
	0.5652	11.08	AVG	9.73	20.81	46.00	-25.19	
	25.5625	26.08	QP	10.41	36.49	60.00	-23.51	
	25.5625	15.38	AVG	10.41	25.79	50.00	-24.21	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

EUT : W6M21512-15493

M/N:

Test Mode : Adaptor VGA

Note :

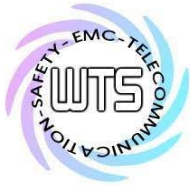
Phase: L1

Power : 120 V.a.c.

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1542	39.54	QP	9.74	49.28	65.77	-16.49	
	0.1542	17.53	AVG	9.74	27.27	55.77	-28.50	
*	0.2025	40.60	QP	9.73	50.33	63.51	-13.18	
	0.2025	30.46	AVG	9.73	40.19	53.51	-13.32	
	0.3455	26.42	QP	9.73	36.15	59.07	-22.92	
	0.3455	19.66	AVG	9.73	29.39	49.07	-19.68	
	0.4942	19.11	QP	9.73	28.84	56.10	-27.26	
	0.4942	8.85	AVG	9.73	18.58	46.10	-27.52	
	1.2358	25.08	QP	9.76	34.84	56.00	-21.16	
	1.2358	19.88	AVG	9.76	29.64	46.00	-16.36	
	26.3750	26.42	QP	10.18	36.60	60.00	-23.40	
	26.3750	15.00	AVG	10.18	25.18	50.00	-24.82	

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 = ± 1.14 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.

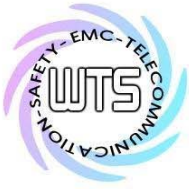


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

Limits:

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi Peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

Test equipment used: ETSTW-CE 001, ETSTW-CE 016, ETSTW-CE 006, ETSTW-RE 064, ETSTW-RE 045

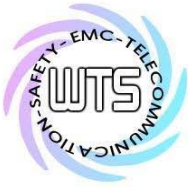


Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

Appendix

Measurement diagrams

Spurious Emissions radiated



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

Spurious Emission Radiated _TX_ ANT A 2.4G WLAN



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

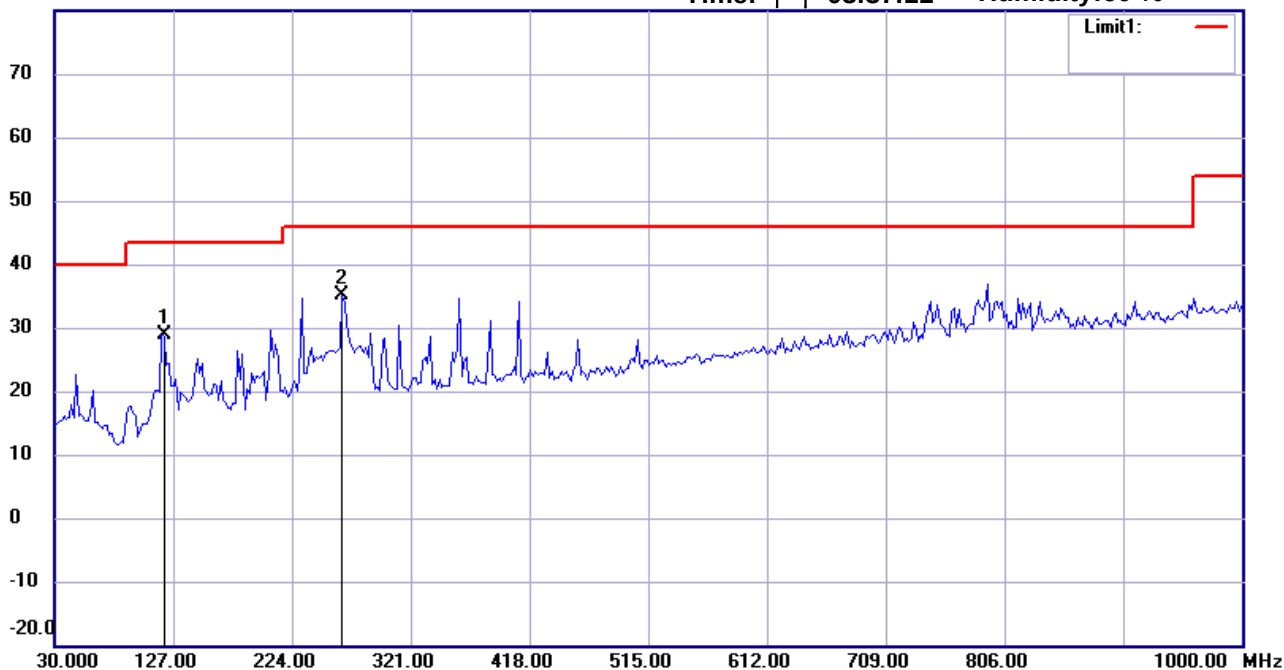
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:37:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	117.4750	15.31	peak	13.45	28.76	43.50	100	65	-14.74	
*	265.2102	20.36	peak	14.76	35.12	46.00	100	245	-10.88	

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

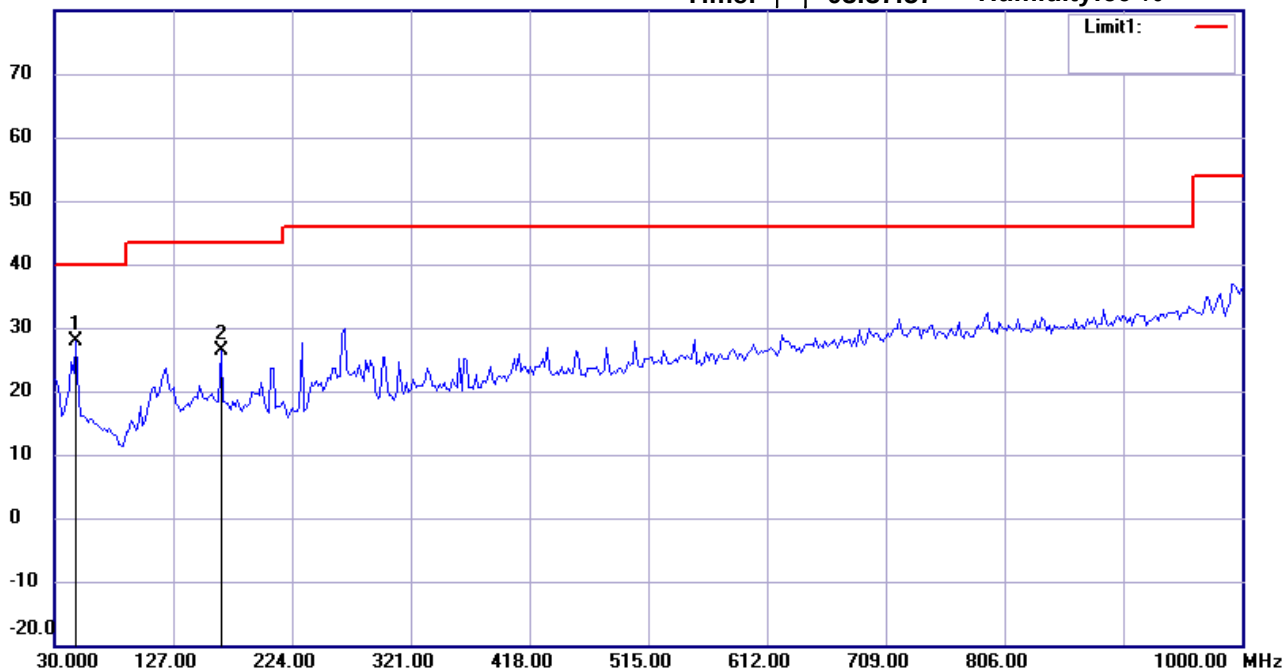
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:37:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.77	peak	14.09	27.86	40.00	100	225	-12.14	
	166.0721	11.46	peak	15.04	26.50	43.50	100	170	-17.00	



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

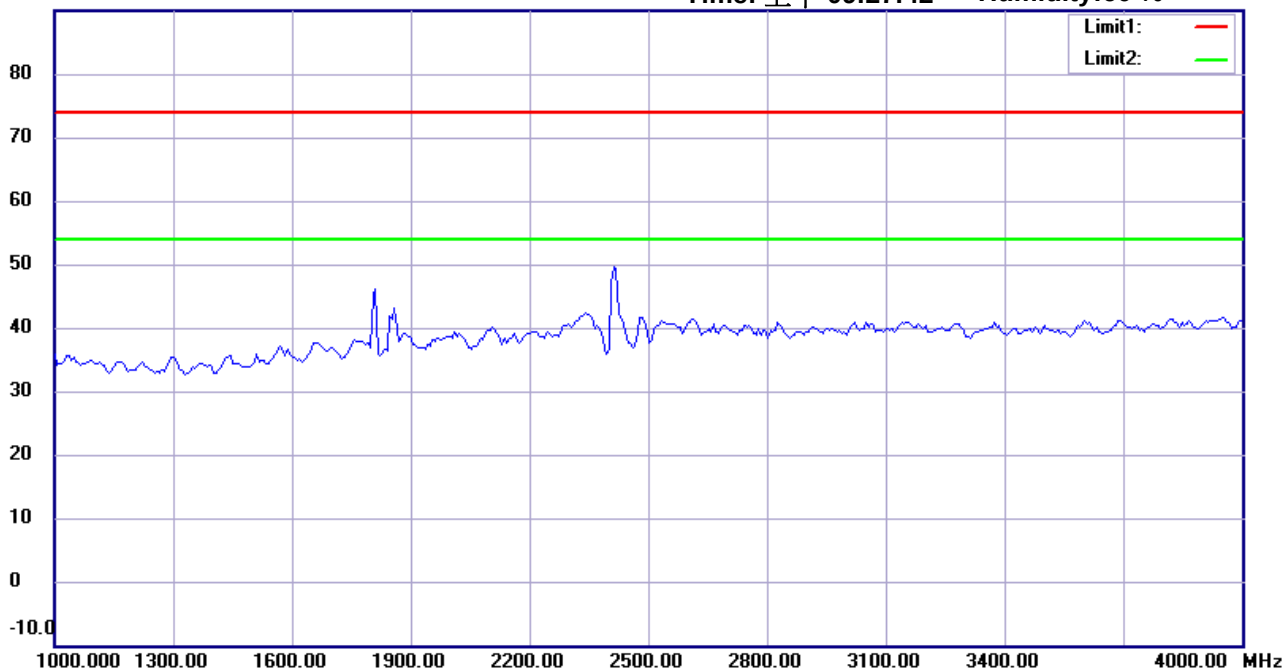
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:27:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

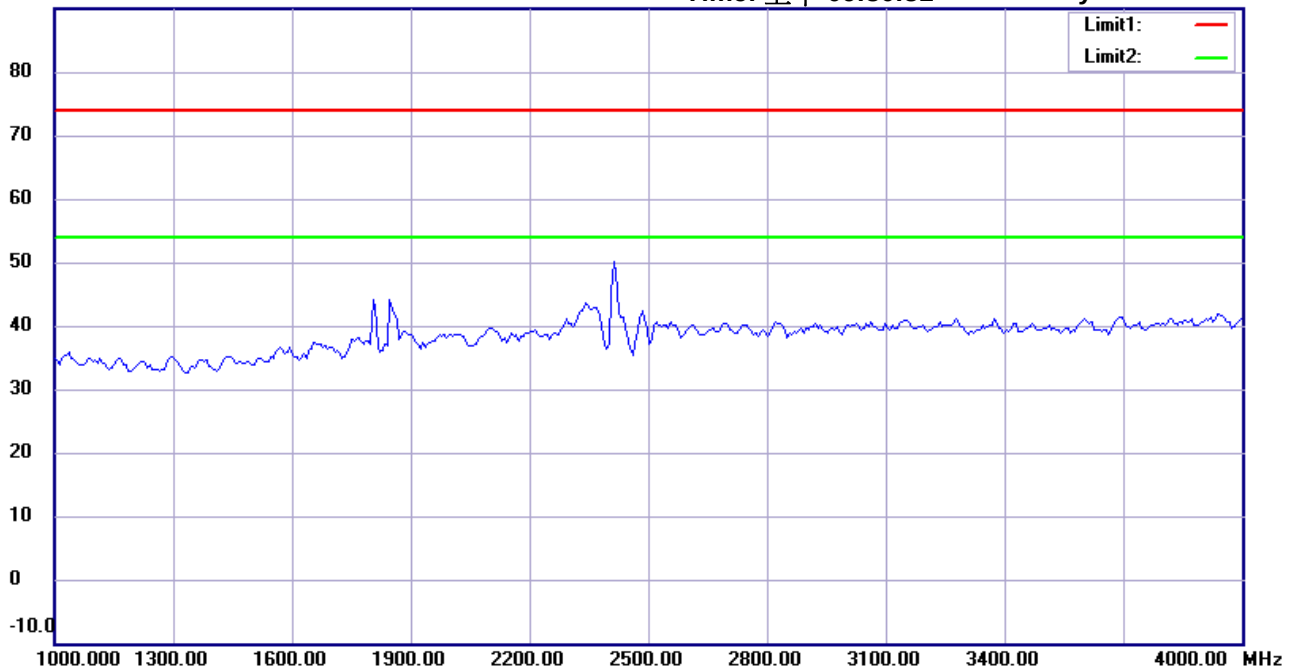
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:30:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #2

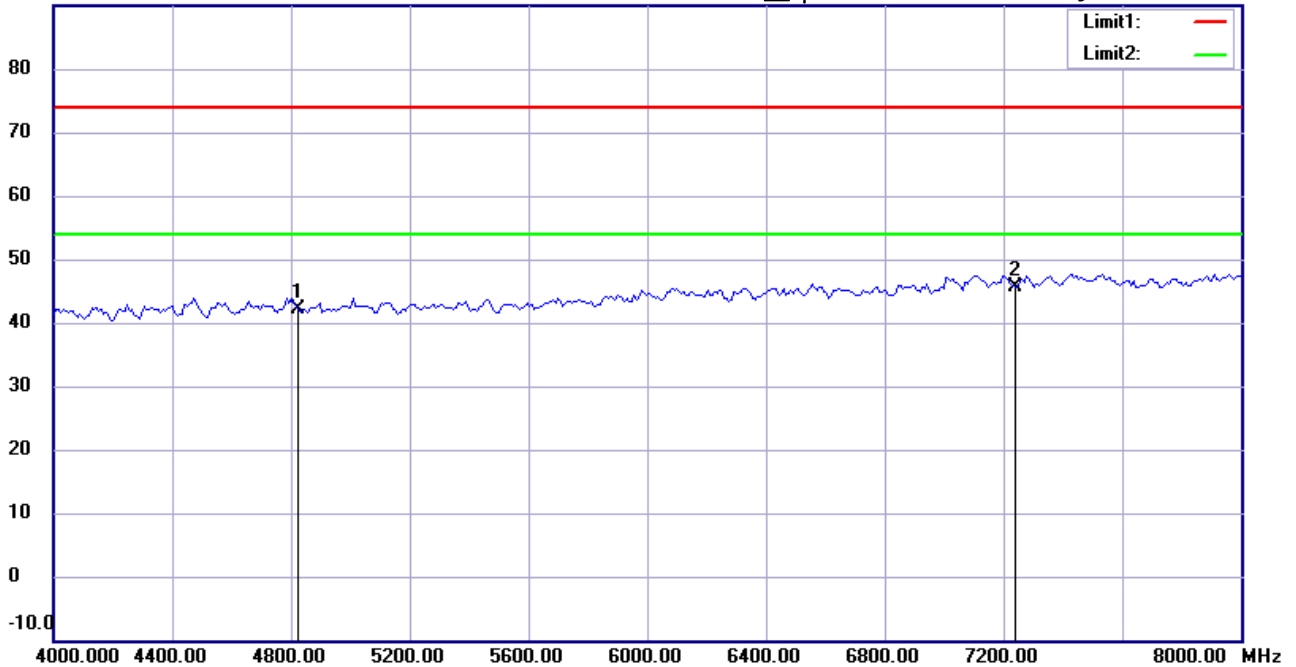
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:28:28

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	42.42	peak	-0.27	42.15	74.00	100	335	-31.85	
*	7236.000	40.89	peak	4.64	45.53	74.00	100	250	-28.47	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

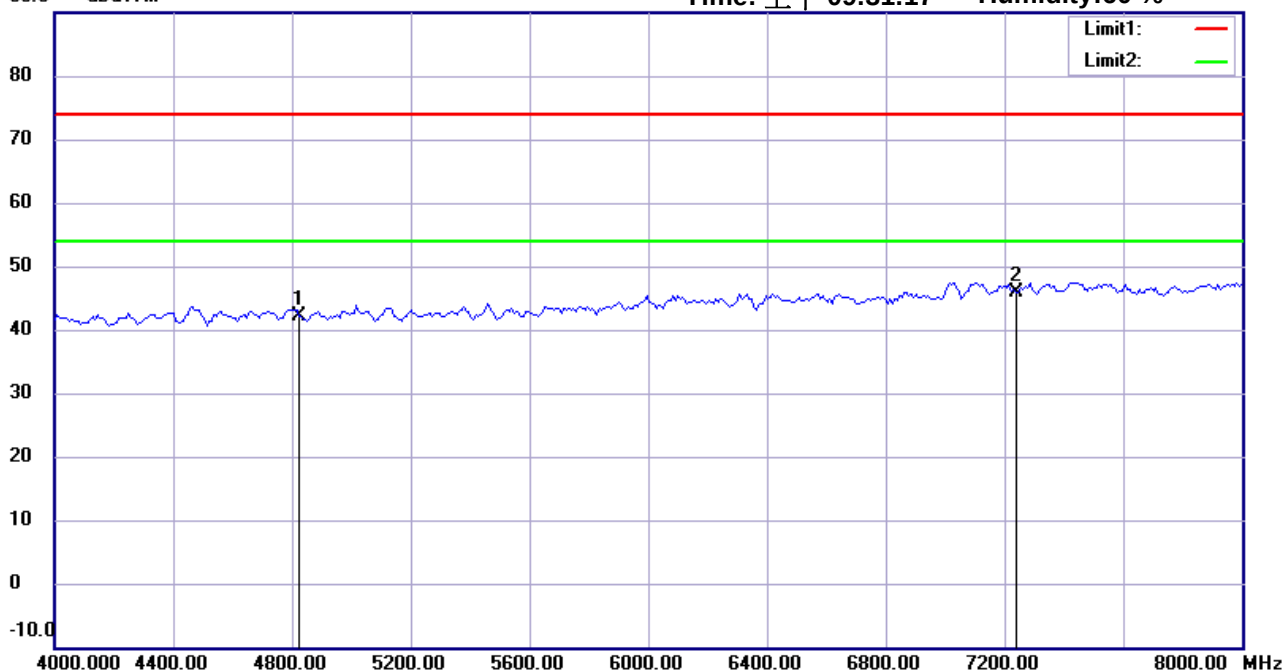
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:31:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	42.28	peak	-0.27	42.01	74.00	100	220	-31.99	
*	7236.000	41.32	peak	4.64	45.96	74.00	100	80	-28.04	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

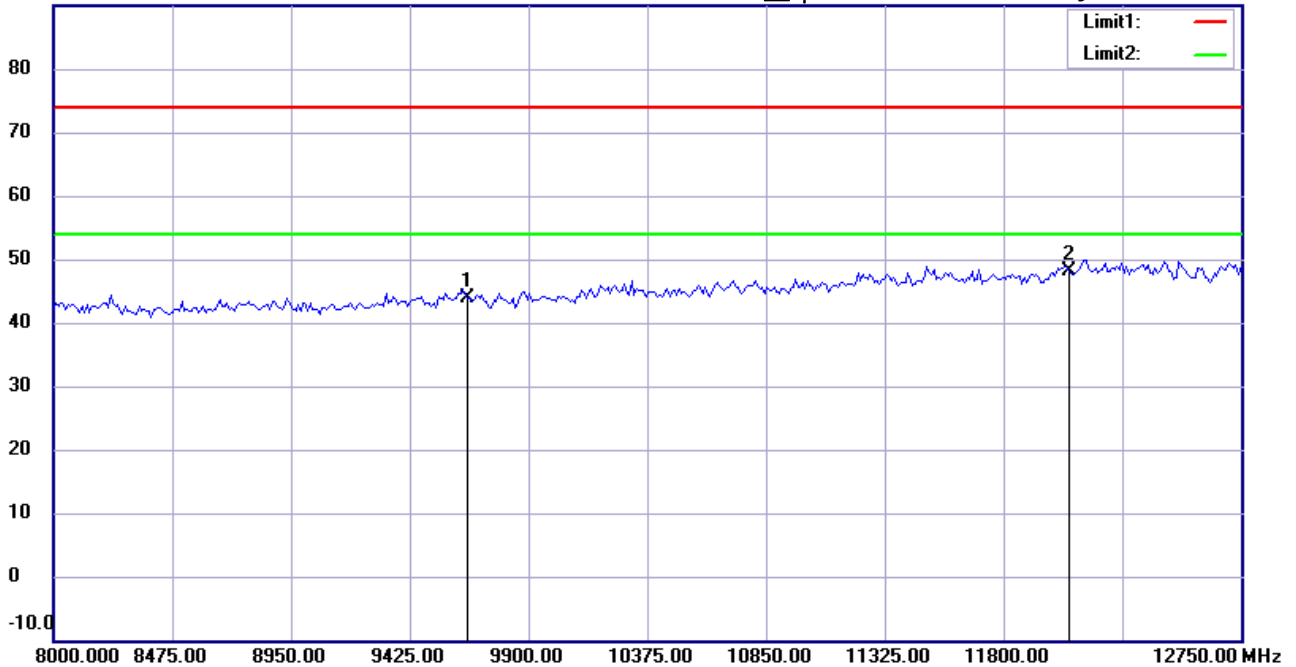
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:29:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	35.97	peak	7.81	43.78	74.00	100	175	-30.22	
*	12060.000	34.54	peak	13.67	48.21	74.00	100	50	-25.79	

*: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: Roy

File :3

Data :#8

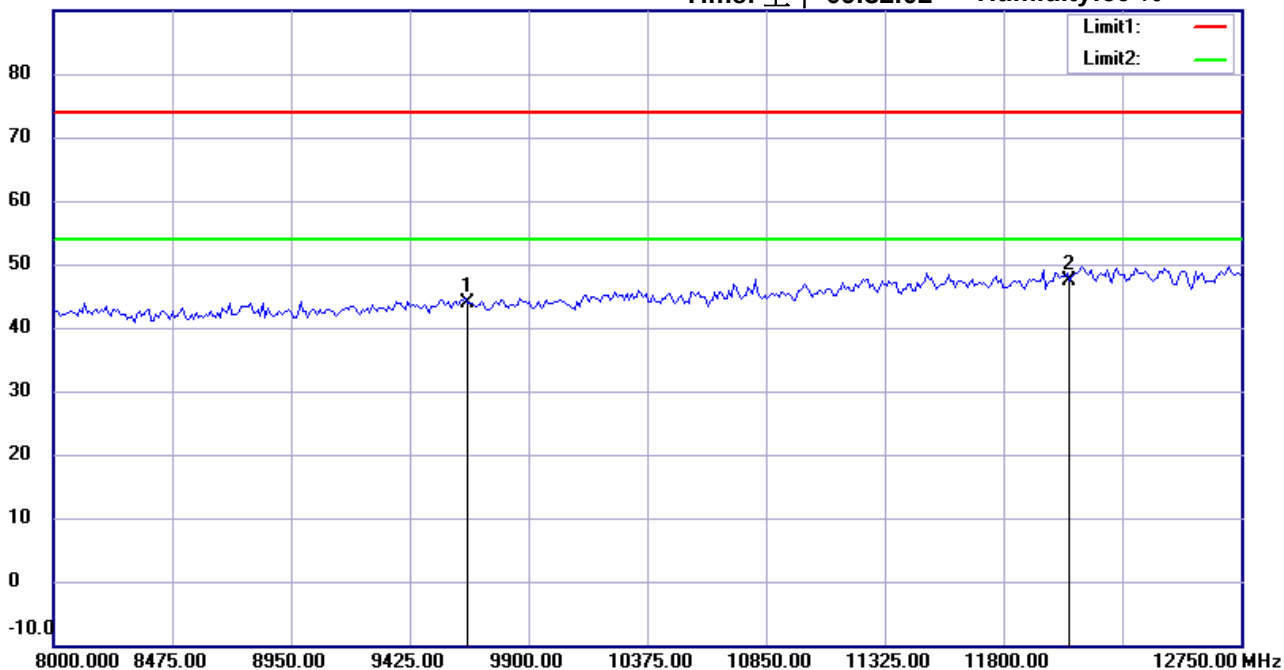
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:32:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	35.99	peak	7.81	43.80	74.00	100	305	-30.20	
*	12060.000	33.68	peak	13.67	47.35	74.00	100	140	-26.65	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

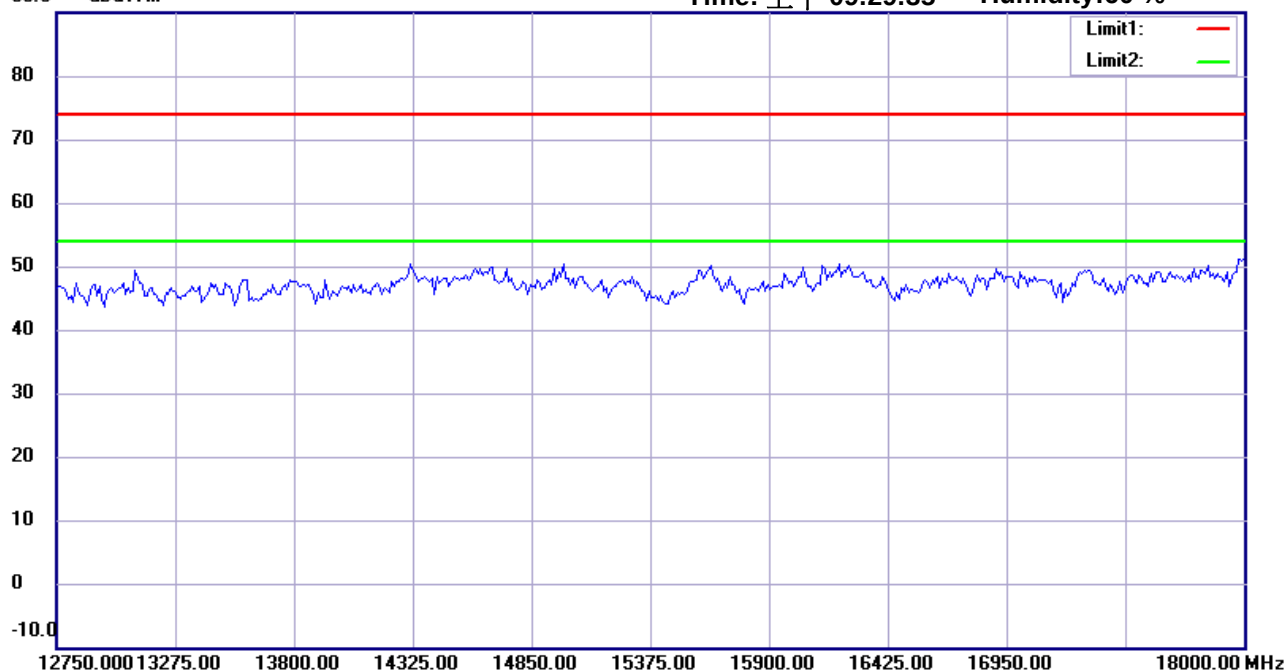
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:29:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

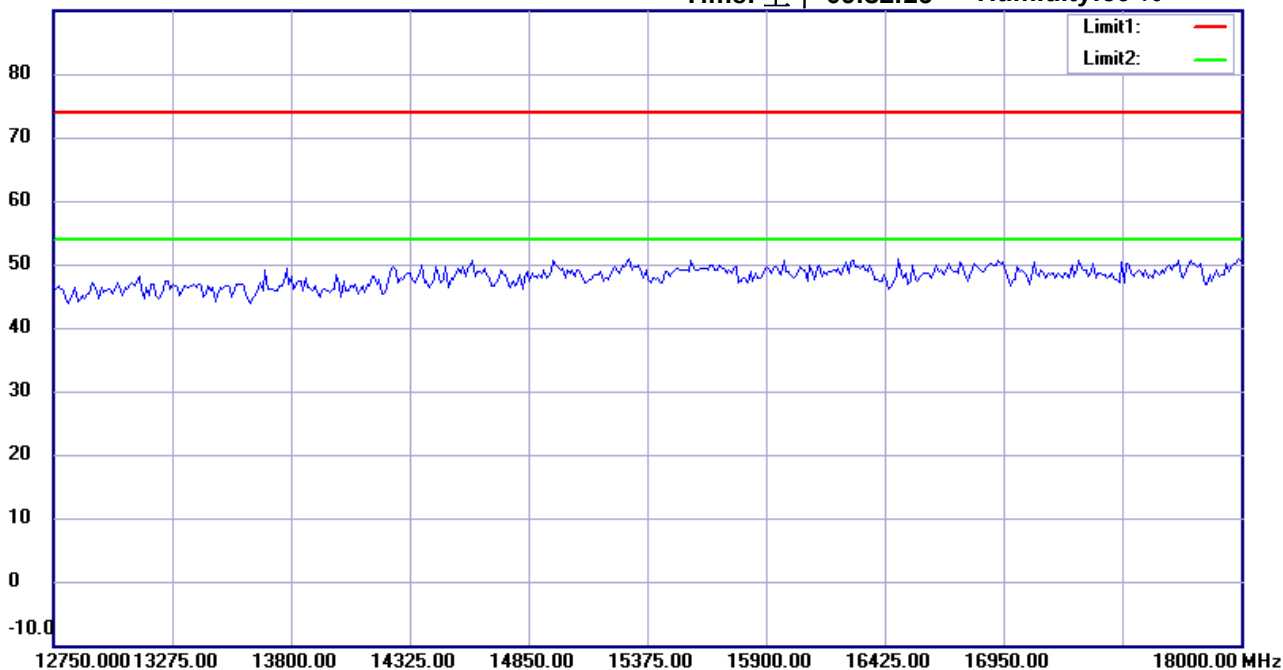
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:32:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

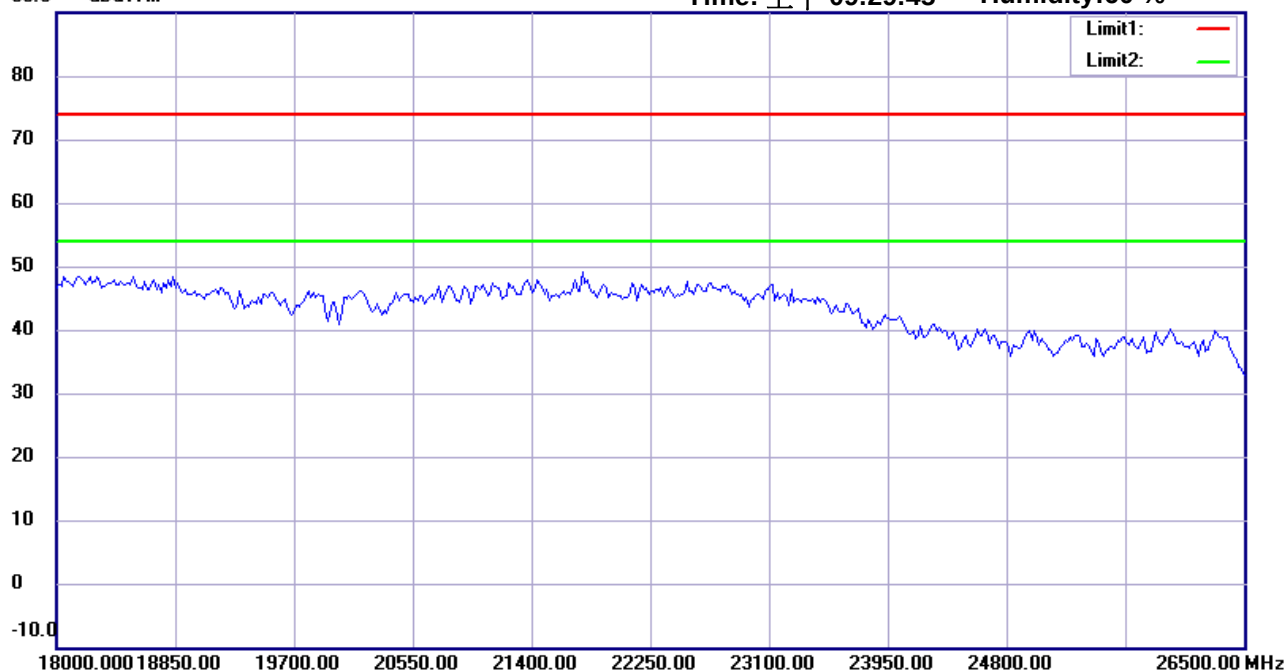
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:29:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

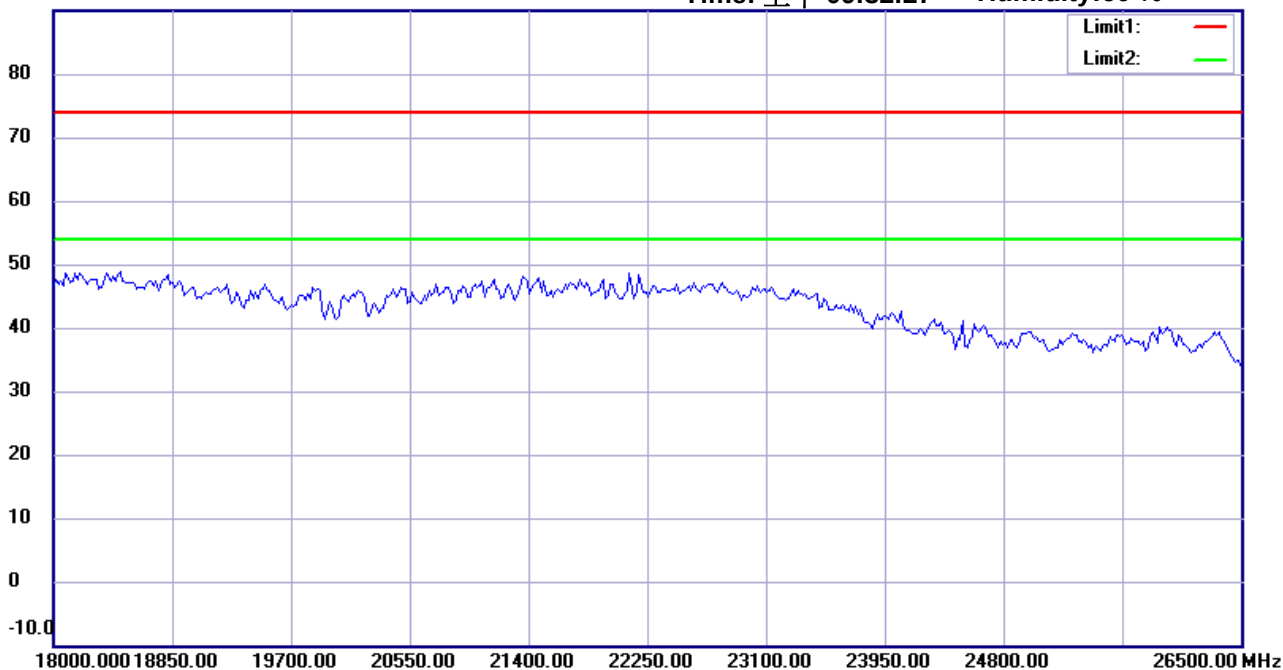
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:32:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

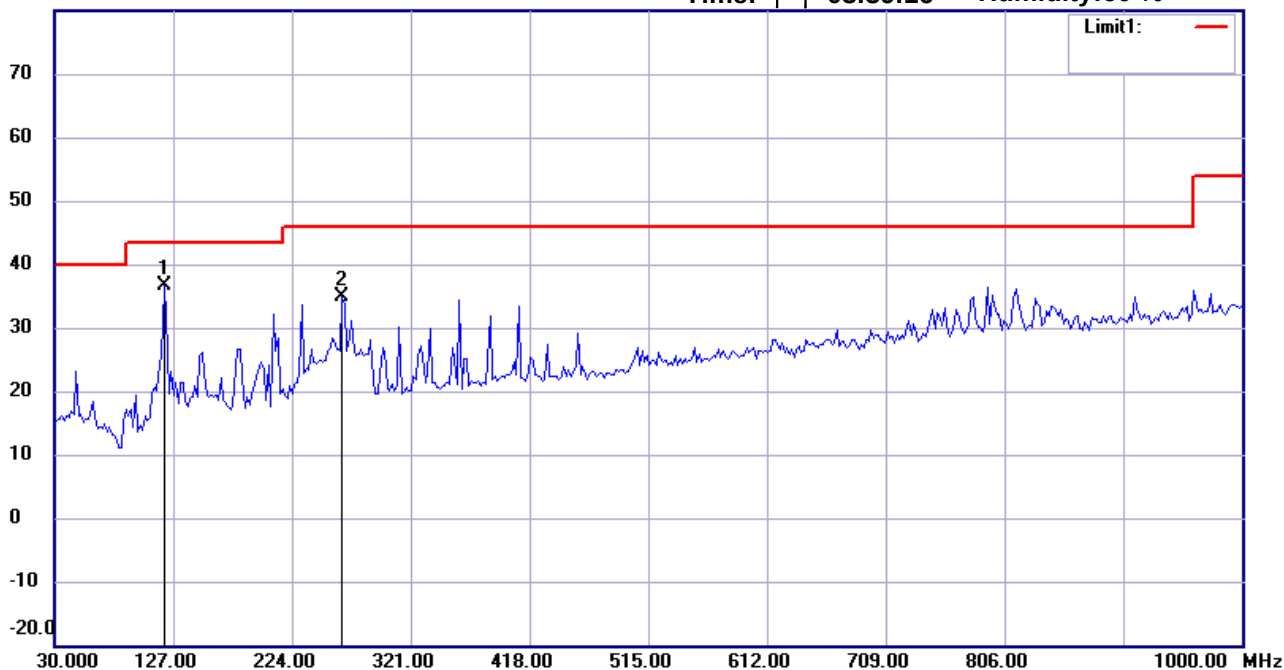
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:39:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	22.93	peak	13.62	36.55	43.50	100	75	-6.95	
	265.2102	20.14	peak	14.76	34.90	46.00	100	165	-11.10	

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

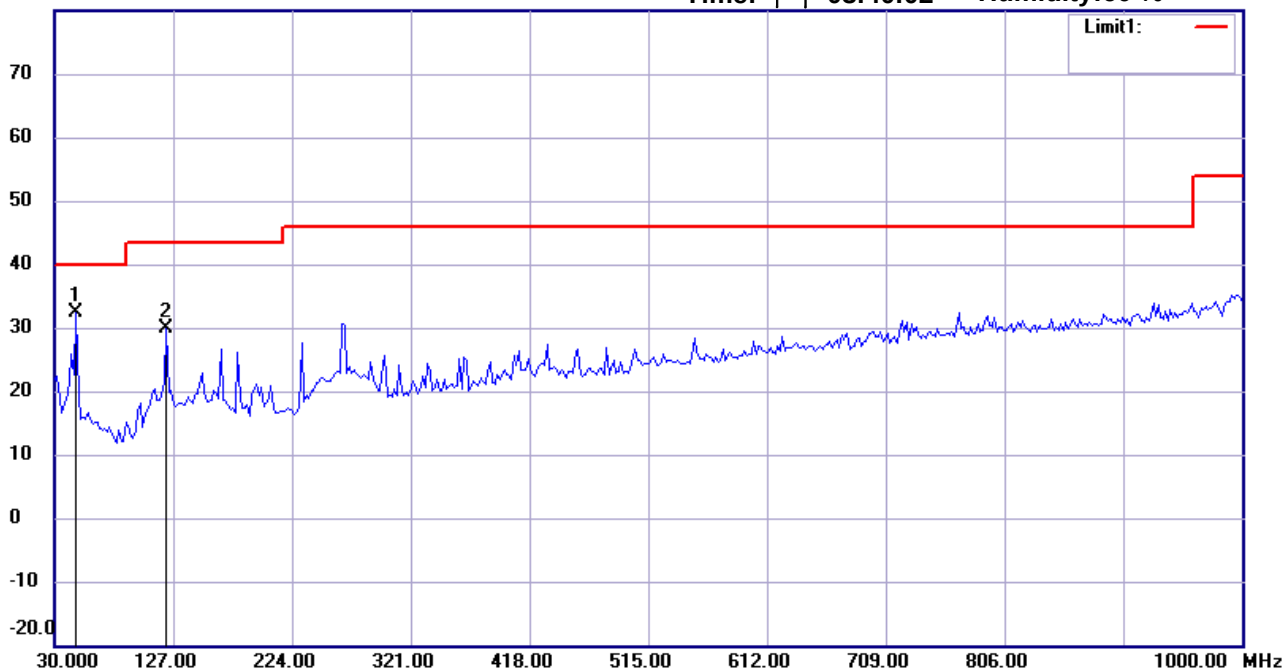
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:40:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	18.38	peak	14.09	32.47	40.00	100	165	-7.53	
	121.3627	16.16	peak	13.79	29.95	43.50	100	120	-13.55	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

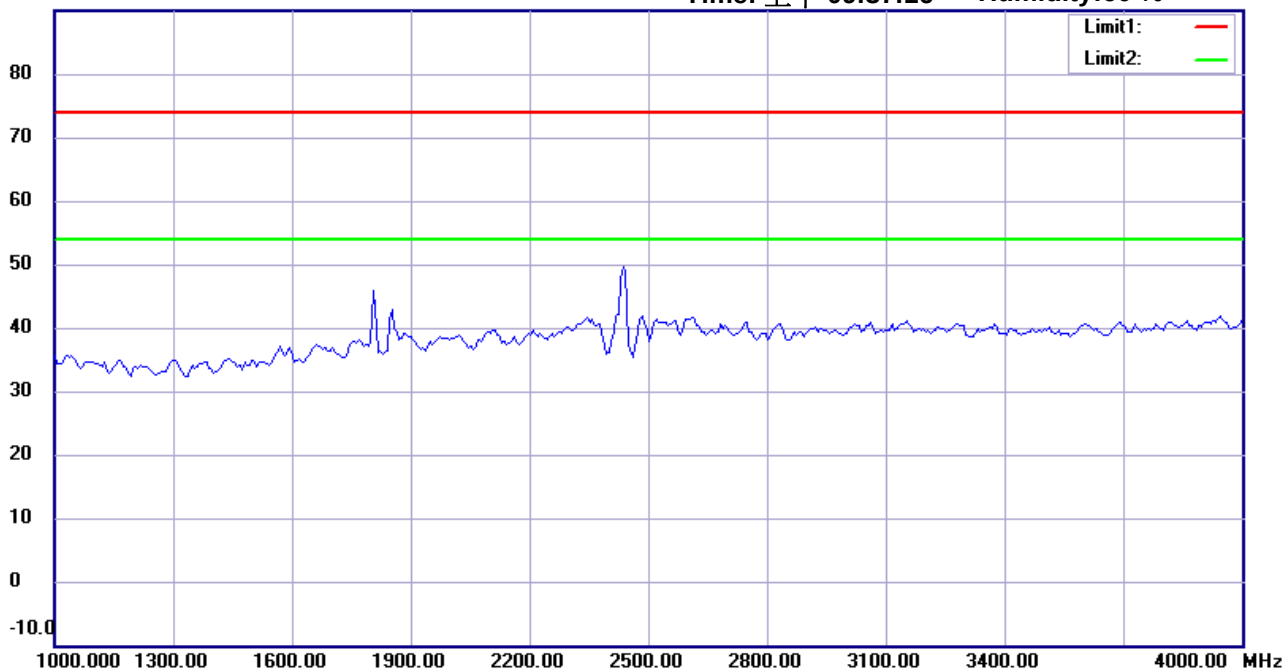
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:37:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

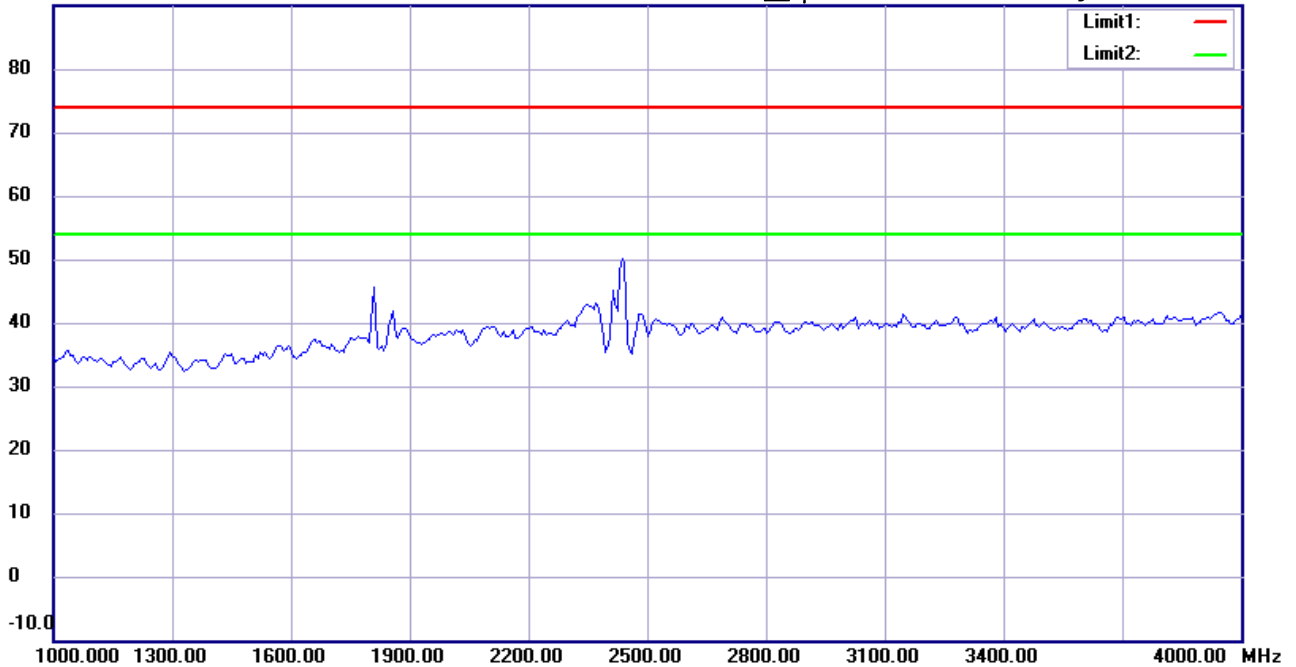
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:40:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

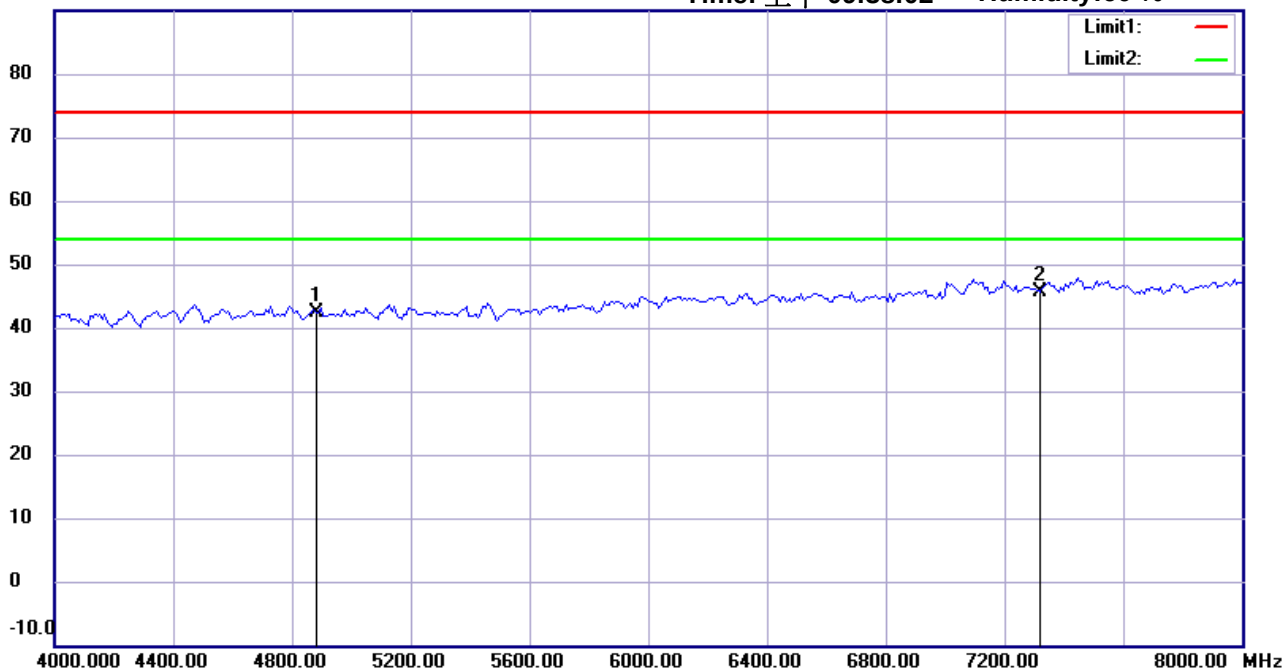
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:38:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.43	peak	-0.17	42.26	74.00	100	110	-31.74	
*	7311.000	40.97	peak	4.77	45.74	74.00	100	35	-28.26	

*: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: Roy

File :3

Data :#7

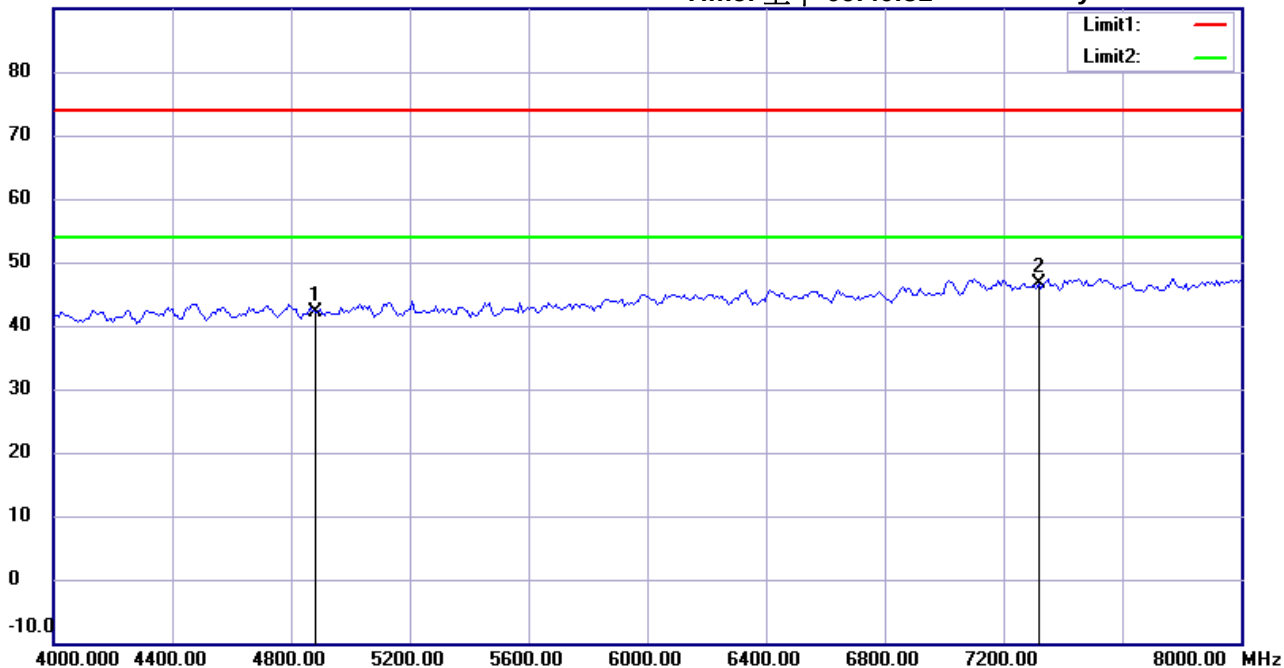
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:40:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.37	peak	-0.17	42.20	74.00	100	180	-31.80	
*	7311.000	41.74	peak	4.77	46.51	74.00	100	65	-27.49	

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #3

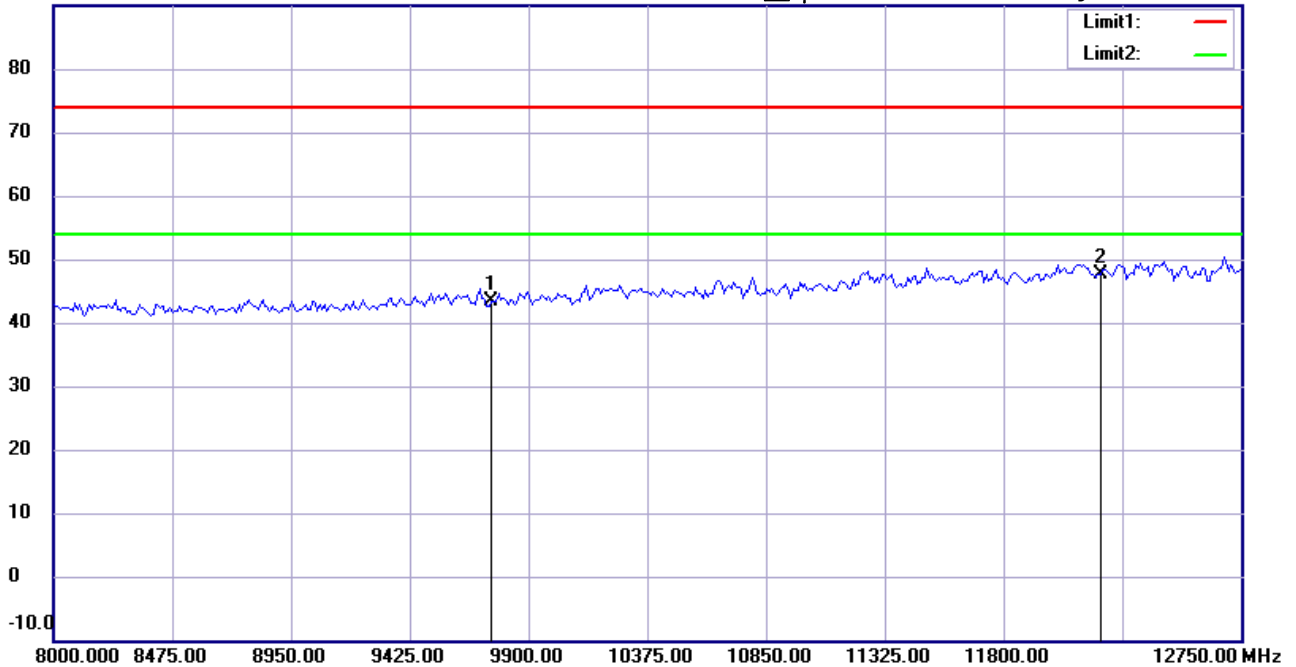
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:38:54

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	35.48	peak	7.79	43.27	74.00	100	215	-30.73	
*	12185.000	33.30	peak	14.28	47.58	74.00	100	90	-26.42	

*: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: Roy

File :3

Data :#8

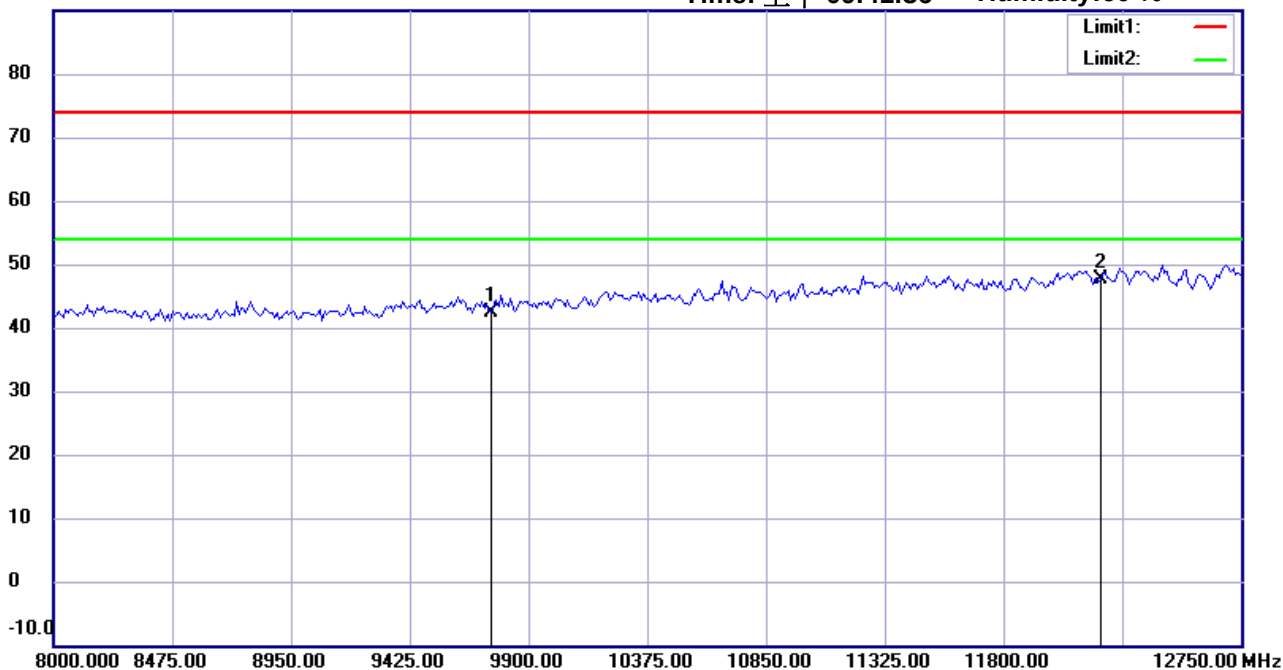
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:41:36

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.60	peak	7.79	42.39	74.00	100	170	-31.61	
*	12185.000	33.33	peak	14.28	47.61	74.00	100	100	-26.39	

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



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

Operator: Roy

File :3

Data :#4

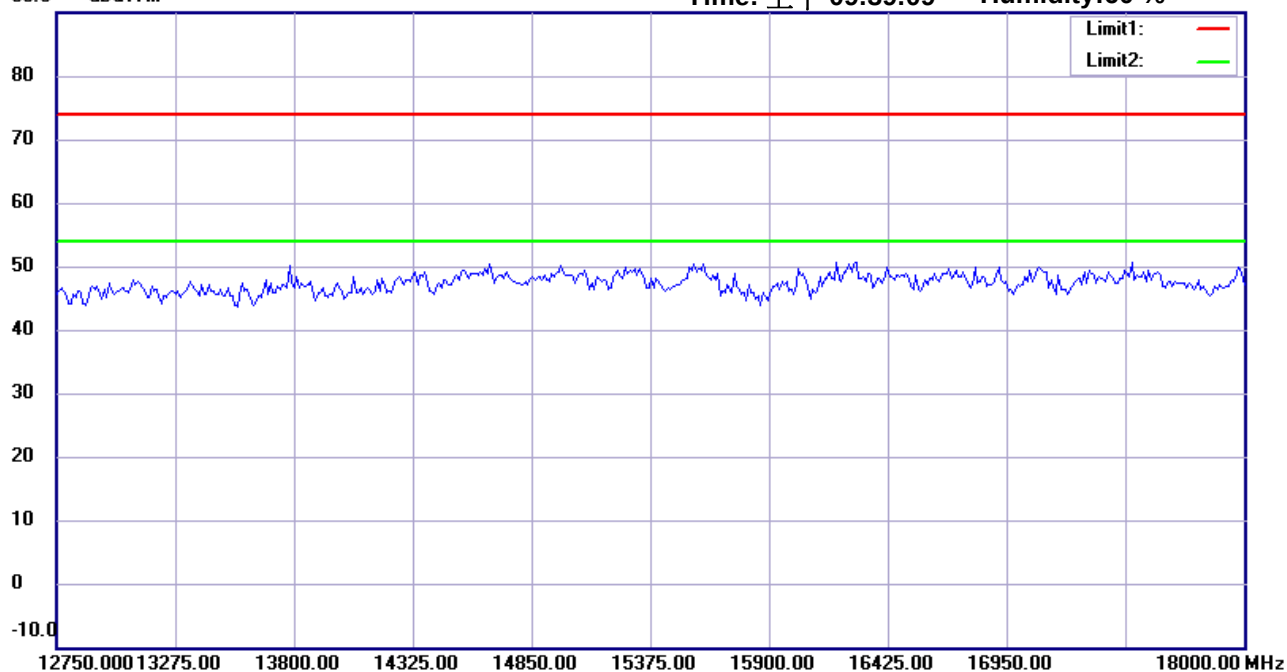
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:39:09

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #9

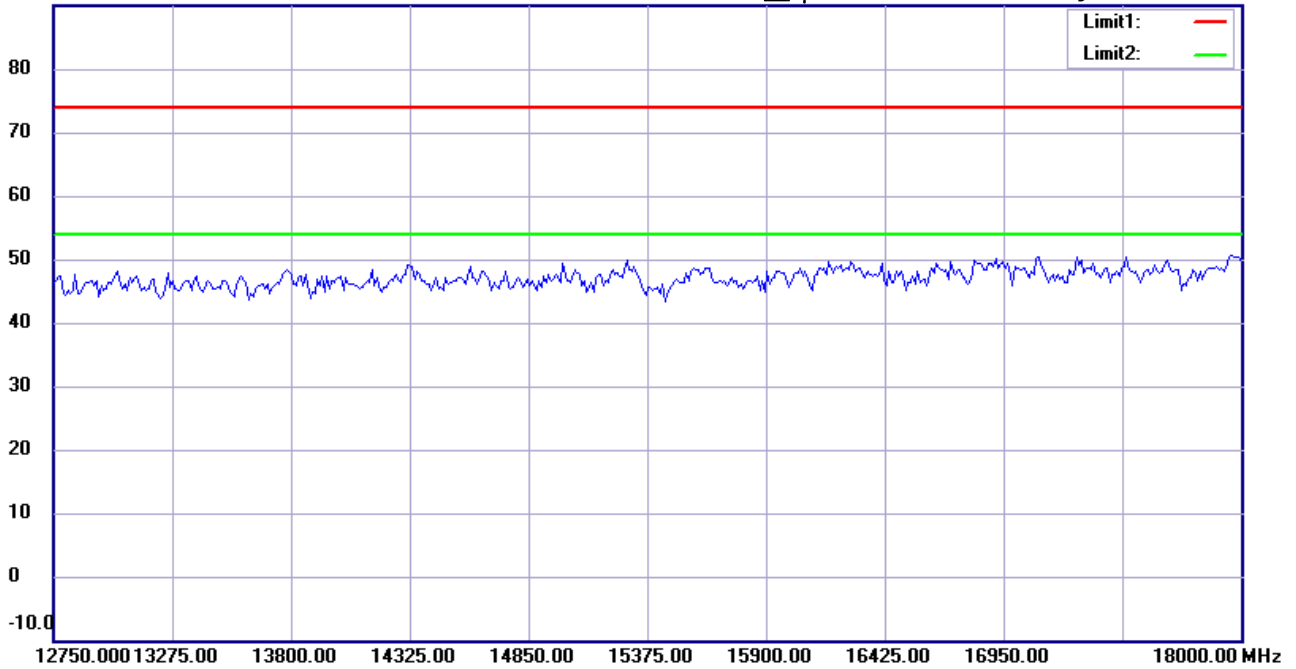
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:41:50

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #5

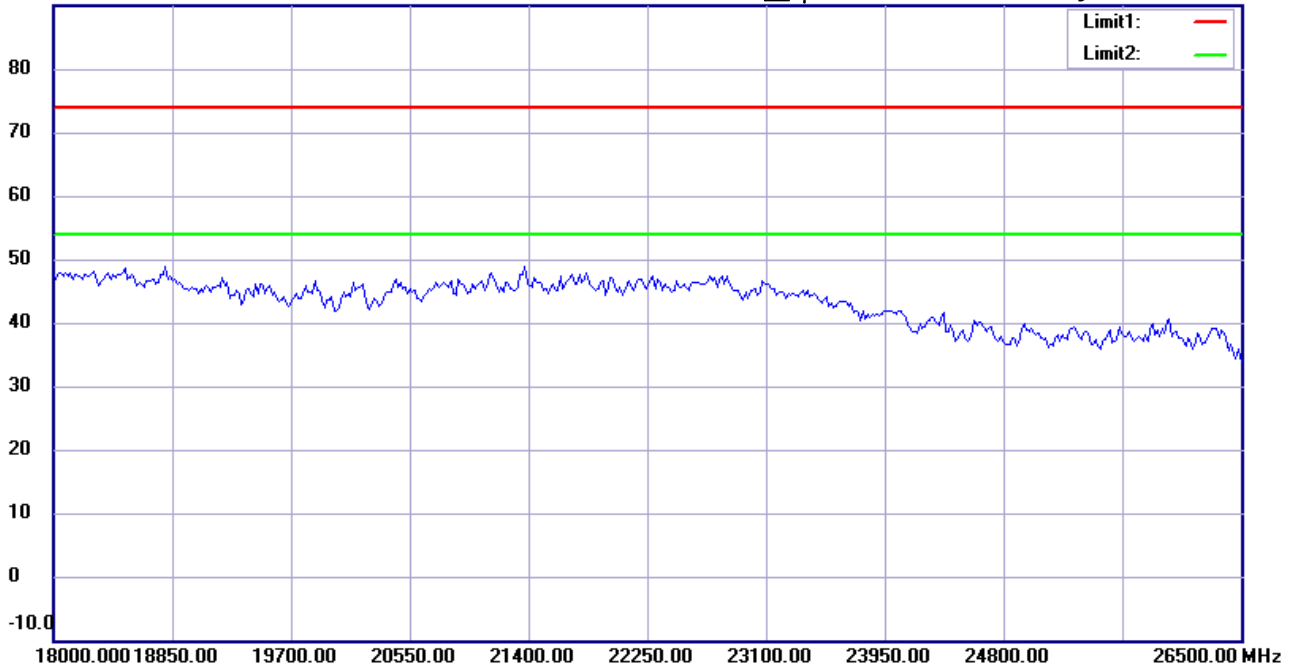
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:39:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

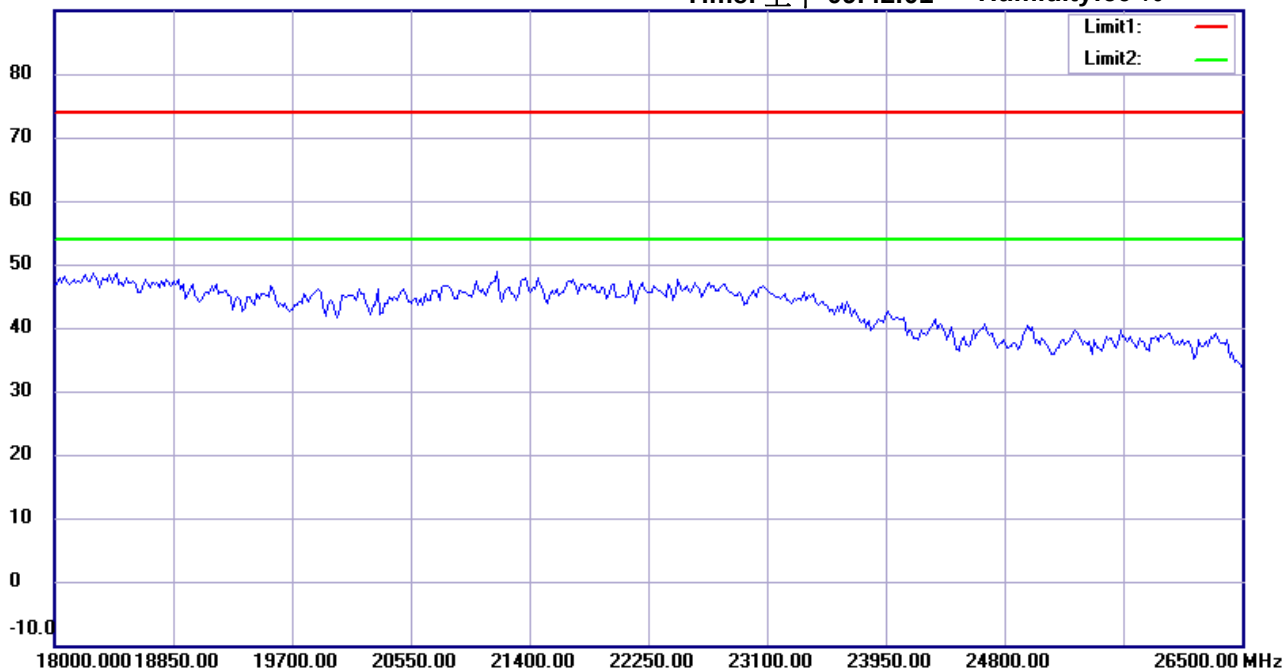
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:42:01

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :1

Data :#1

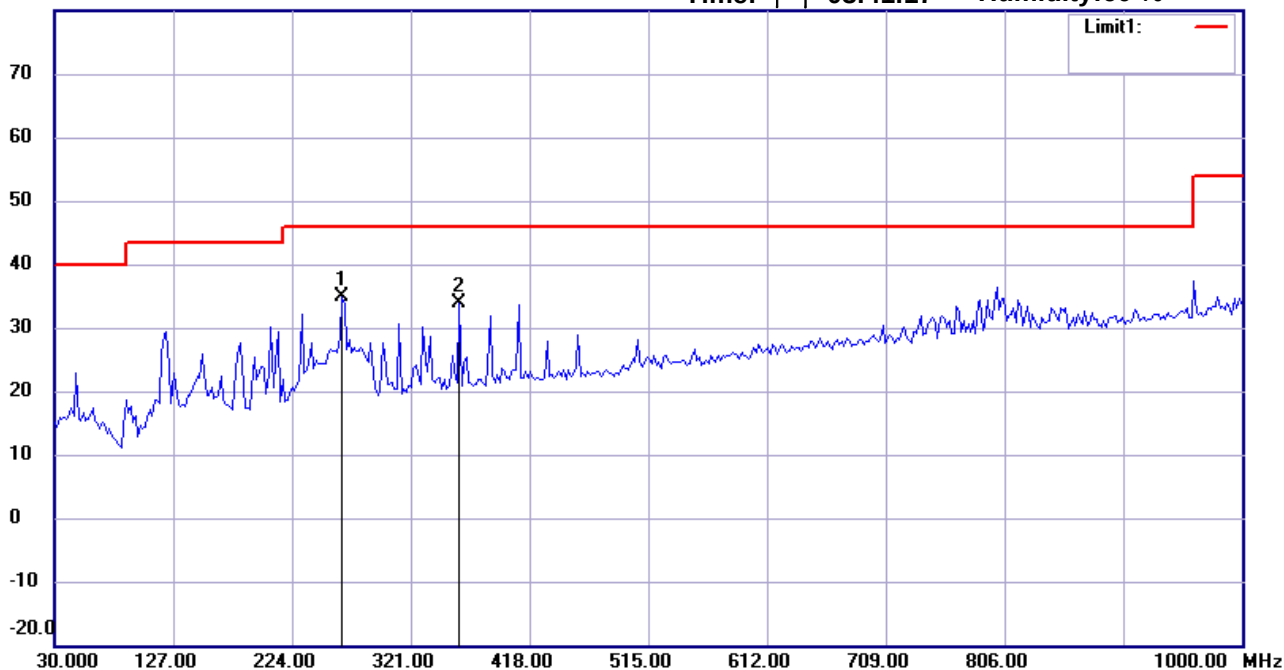
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:41:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	265.2102	20.23	peak	14.76	34.99	46.00	100	85	-11.01	
	360.4607	16.42	peak	17.53	33.95	46.00	100	170	-12.05	

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

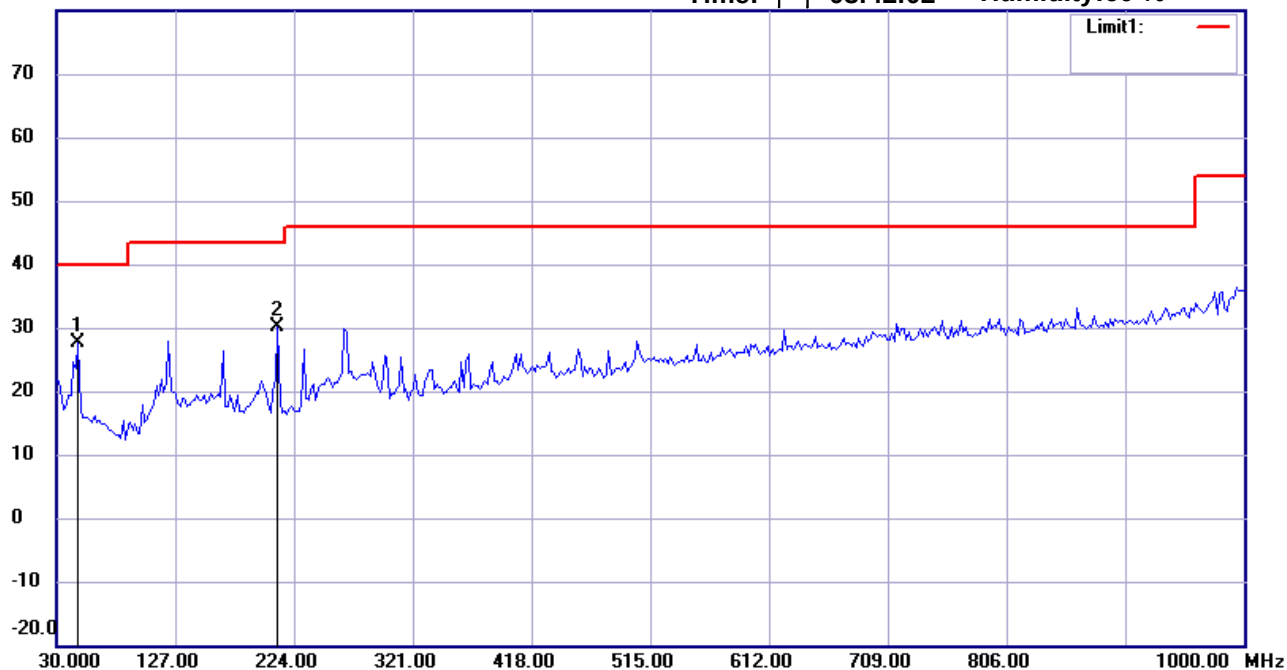
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:42:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.57	peak	14.09	27.66	40.00	100	75	-12.34	
	210.7816	17.50	peak	12.65	30.15	43.50	100	255	-13.35	



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

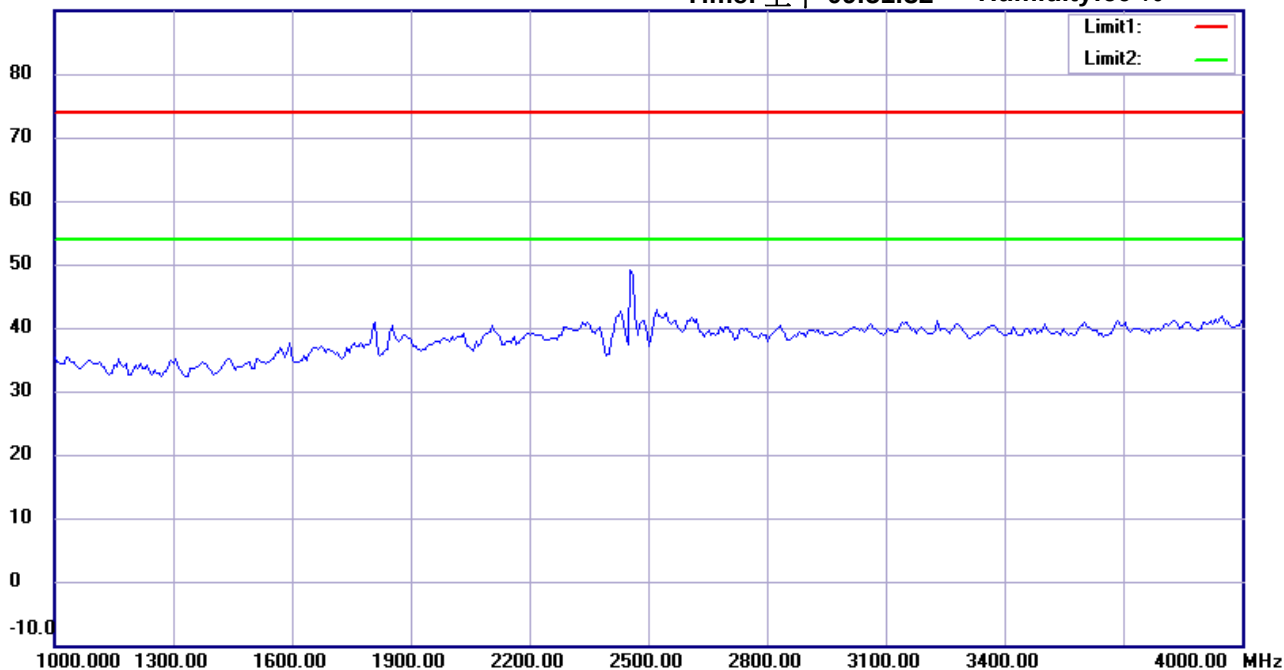
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:51:32

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

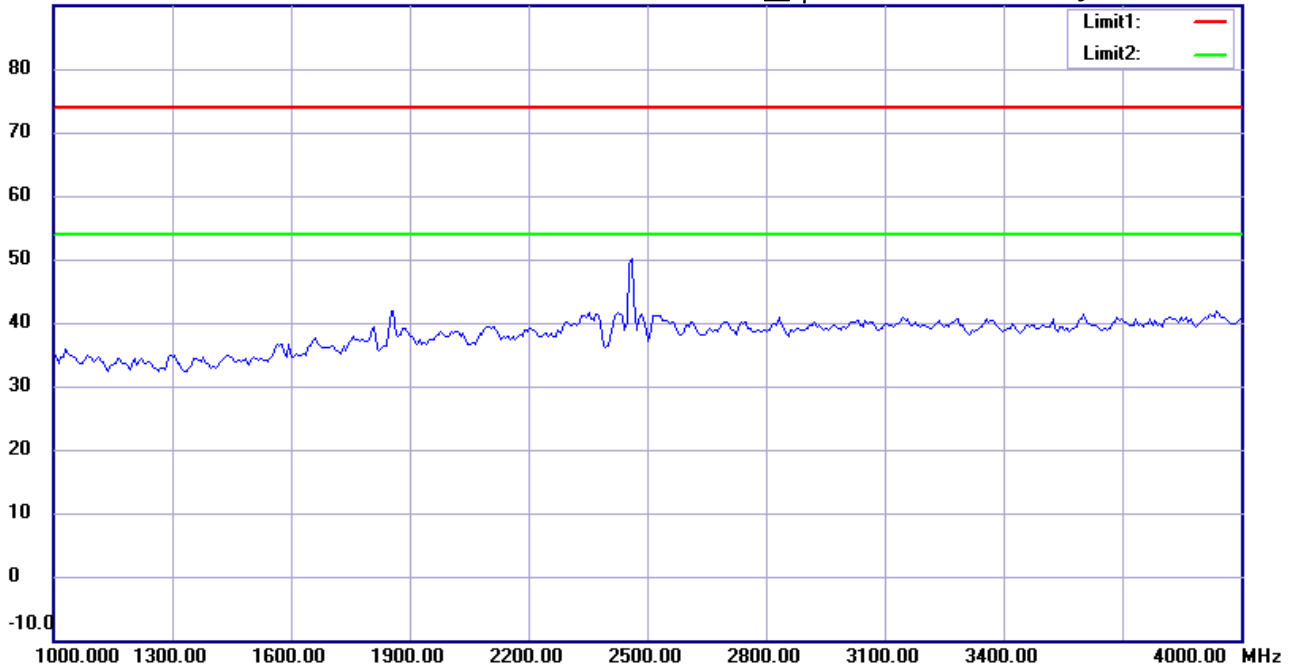
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:54:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Operator: Roy

File : 3

Data : #2

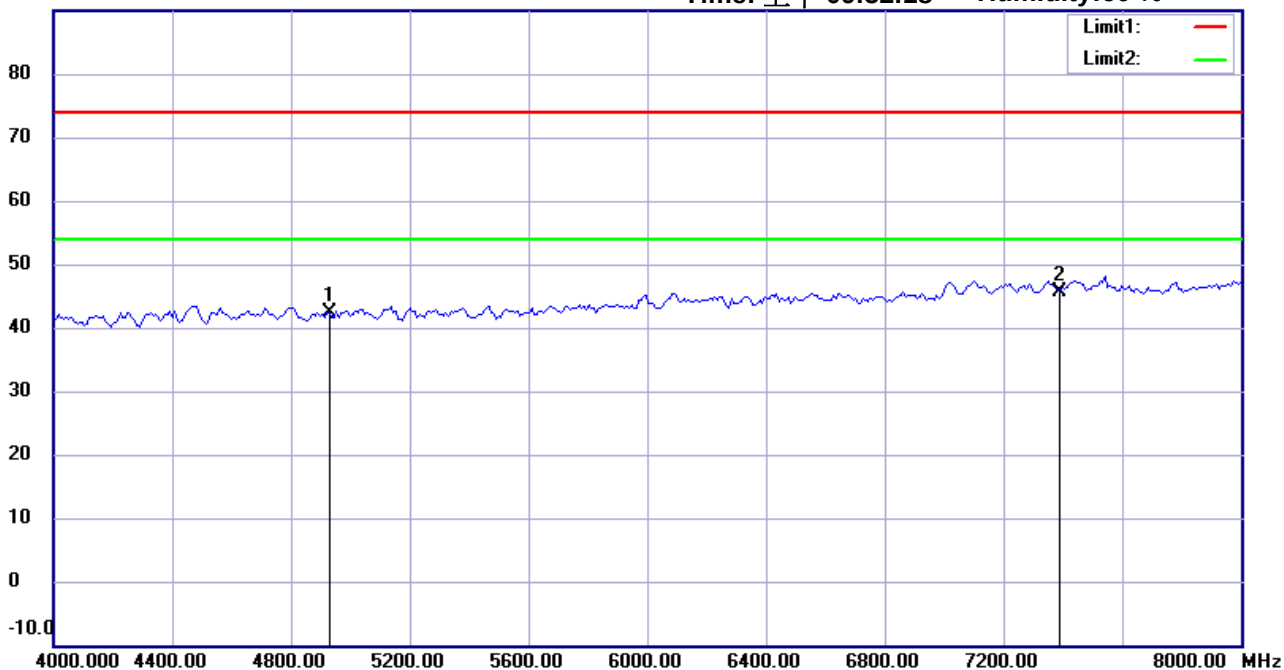
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:52:18

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	42.32	peak	0.02	42.34	74.00	100	280	-31.66	
*	7386.000	40.35	peak	5.25	45.60	74.00	100	215	-28.40	

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #7

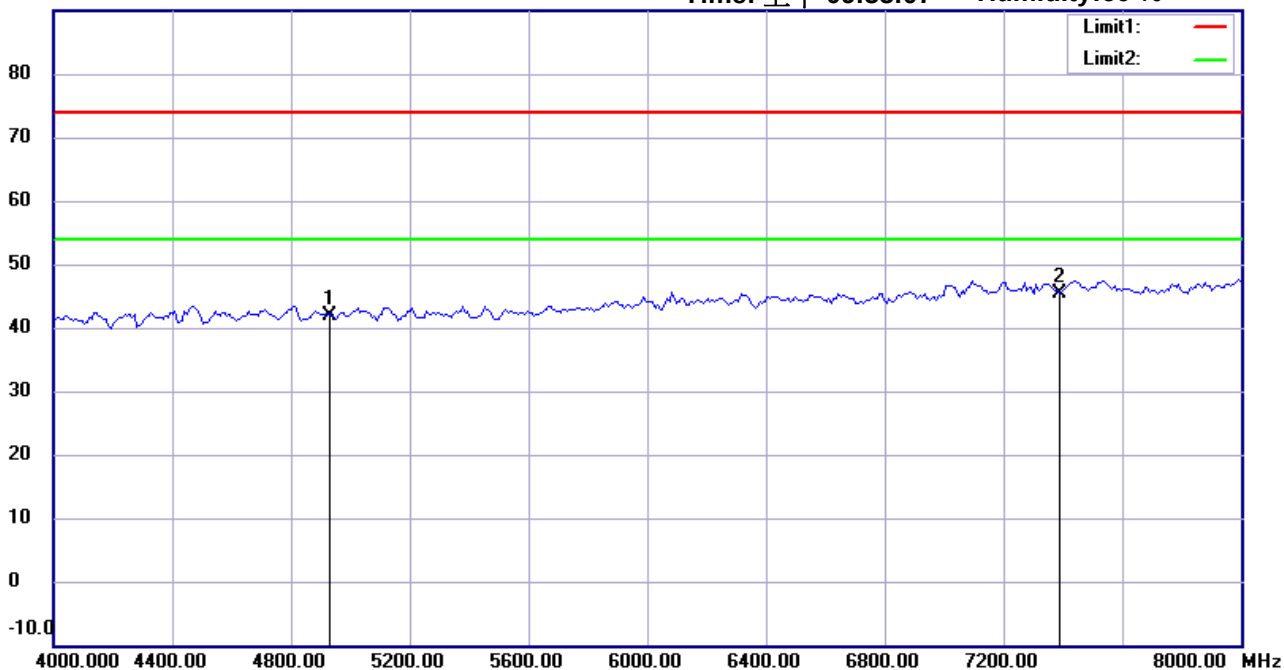
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:55:07

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	41.90	peak	0.02	41.92	74.00	100	115	-32.08	
*	7386.000	40.20	peak	5.25	45.45	74.00	100	60	-28.55	

*: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: Roy

File :3

Data :#3

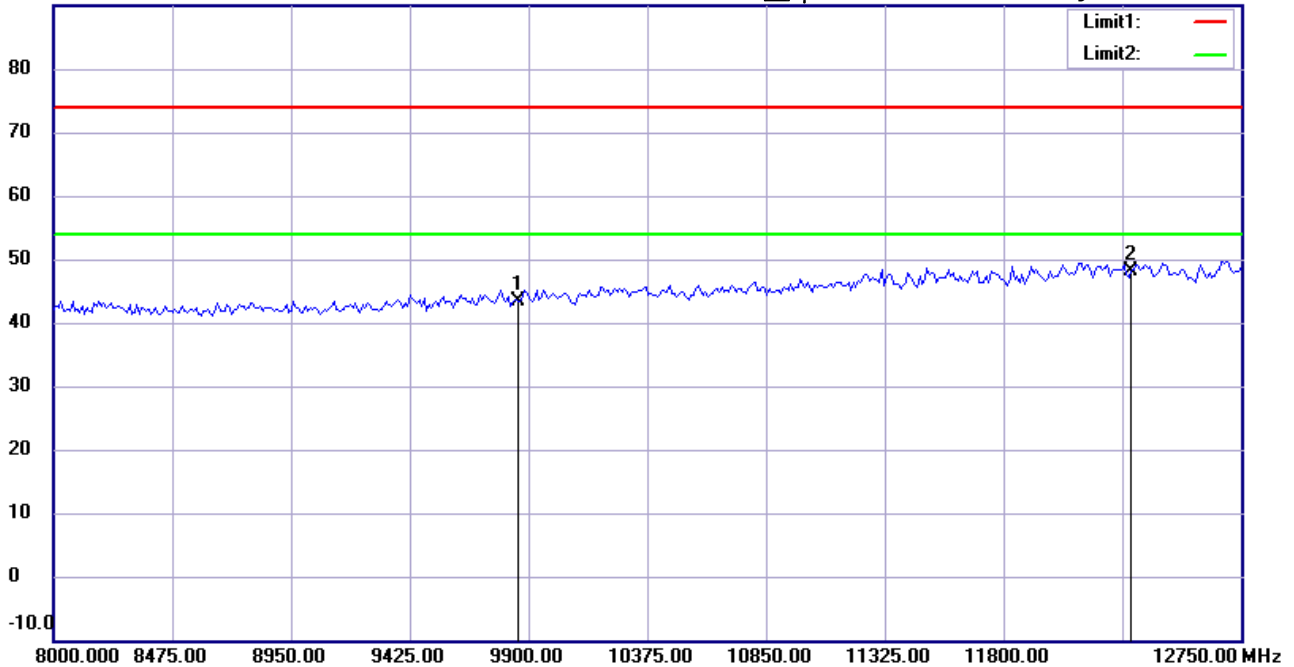
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:53:10

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.33	peak	7.98	43.31	74.00	100	165	-30.69	
*	12310.000	34.54	peak	13.69	48.23	74.00	100	70	-25.77	

*: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: Roy

File :3

Data :#8

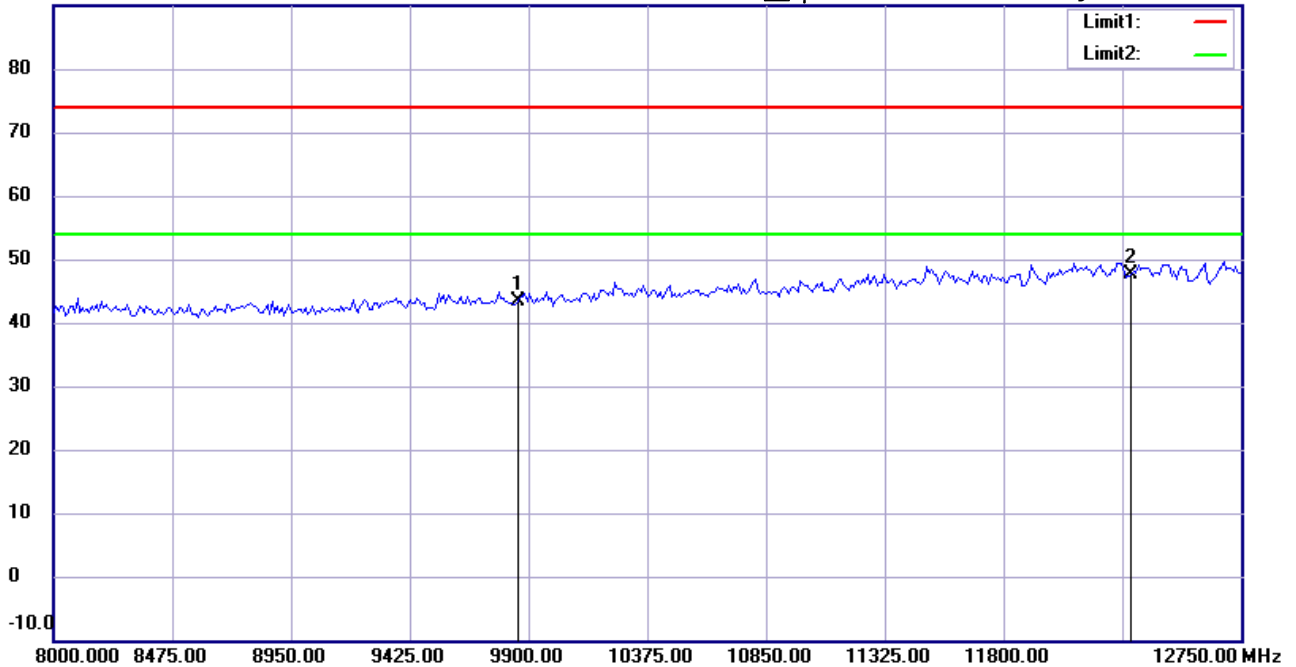
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:55:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.34	peak	7.98	43.32	74.00	100	195	-30.68	
*	12310.000	33.83	peak	13.69	47.52	74.00	100	125	-26.48	

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



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

Operator: Roy

File :3

Data :#4

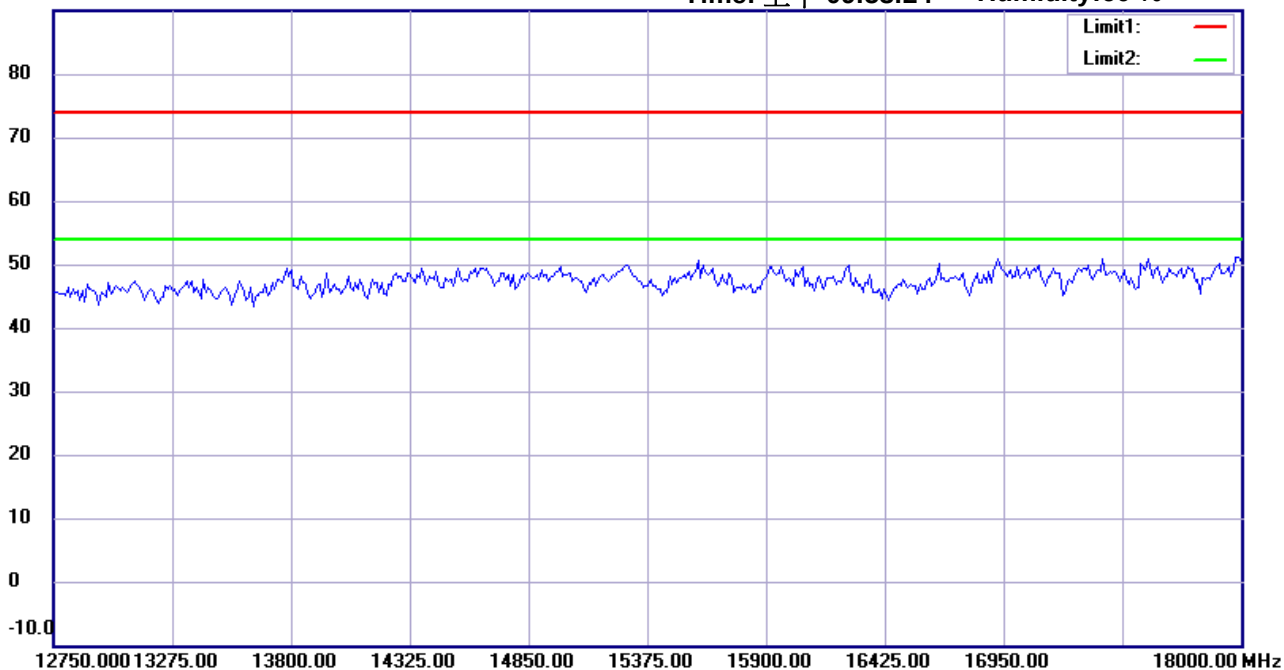
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:53:24

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #9

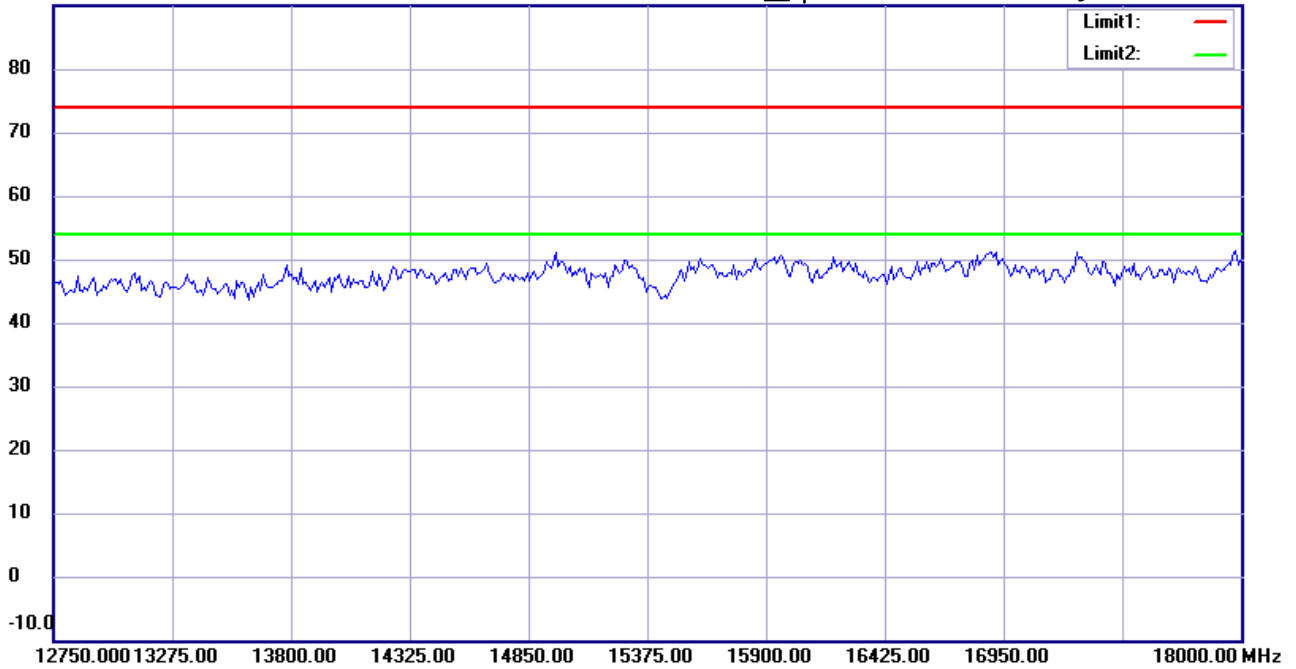
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:56:06

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

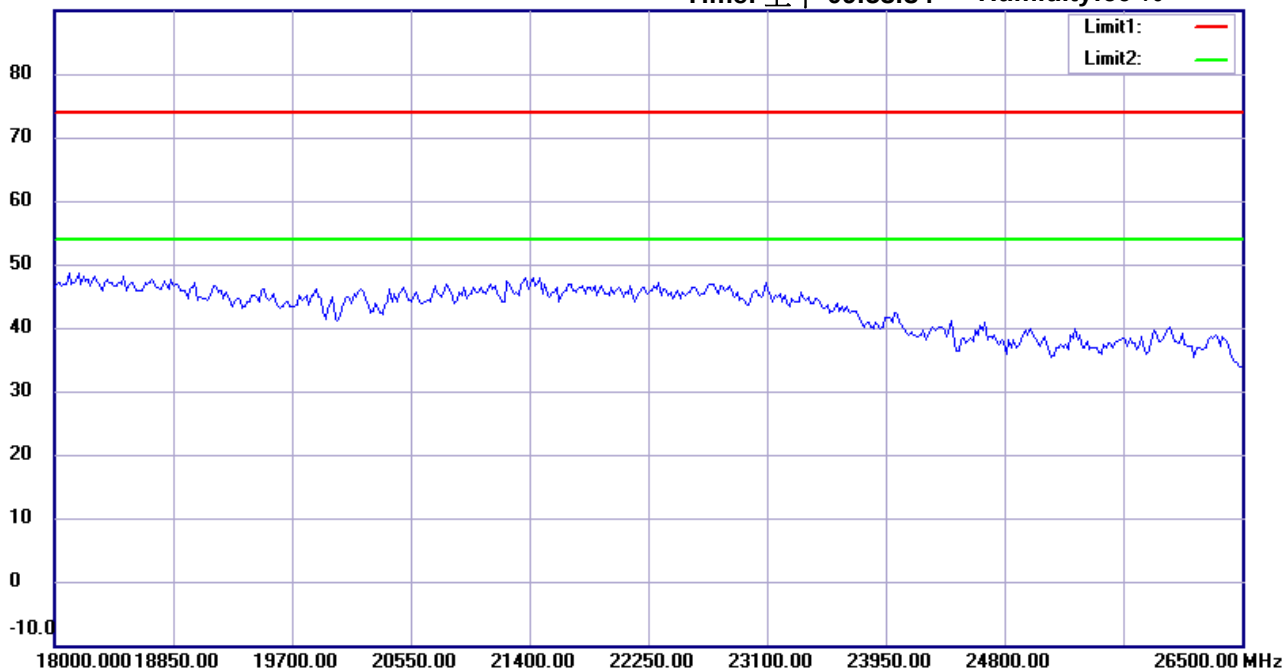
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:53:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

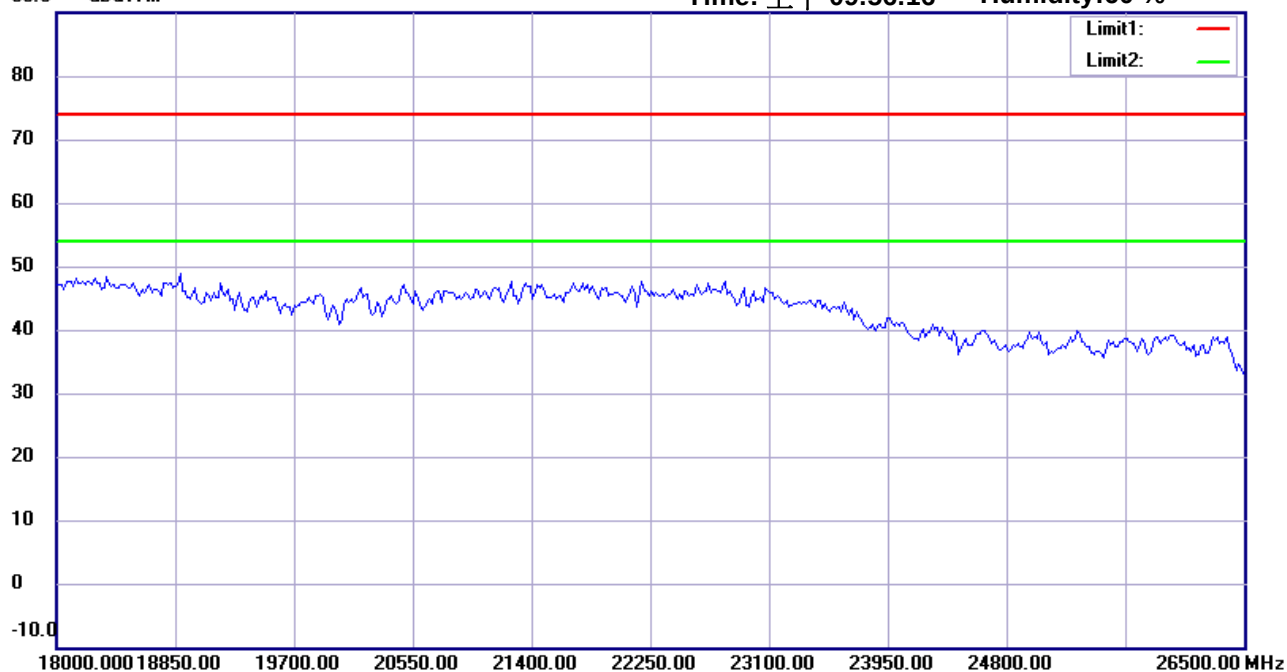
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 09:56:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

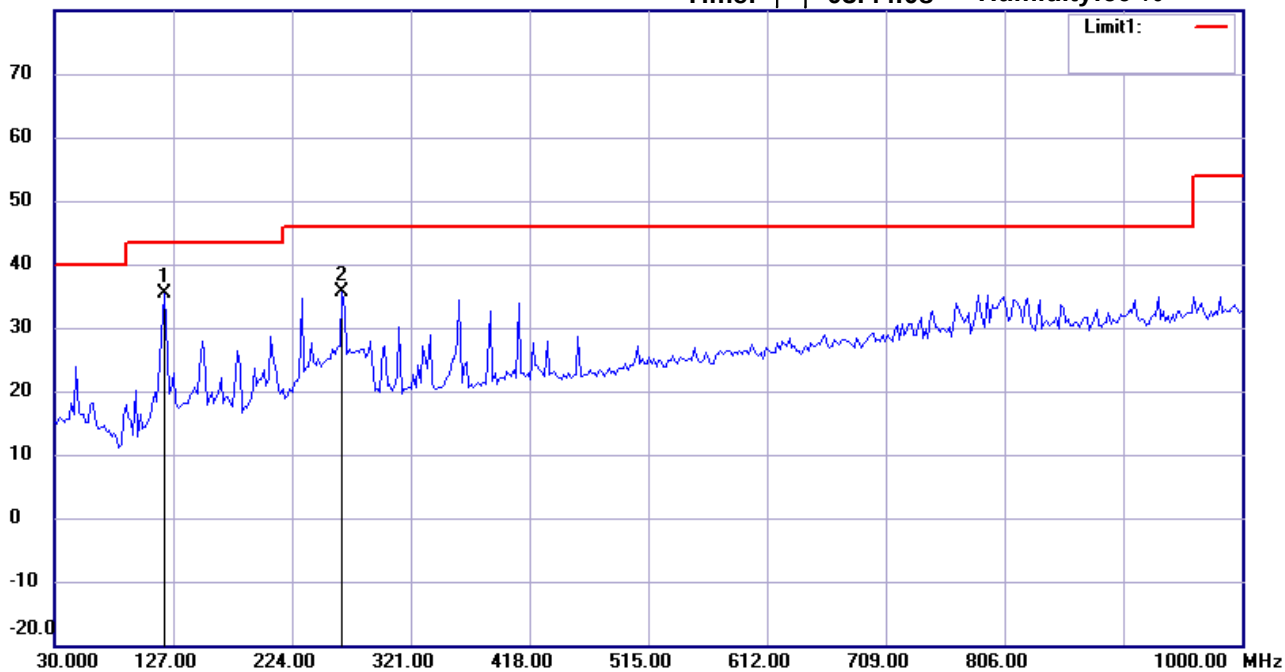
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:44:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	21.86	peak	13.62	35.48	43.50	100	55	-8.02	
	265.2102	20.78	peak	14.76	35.54	46.00	100	140	-10.46	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

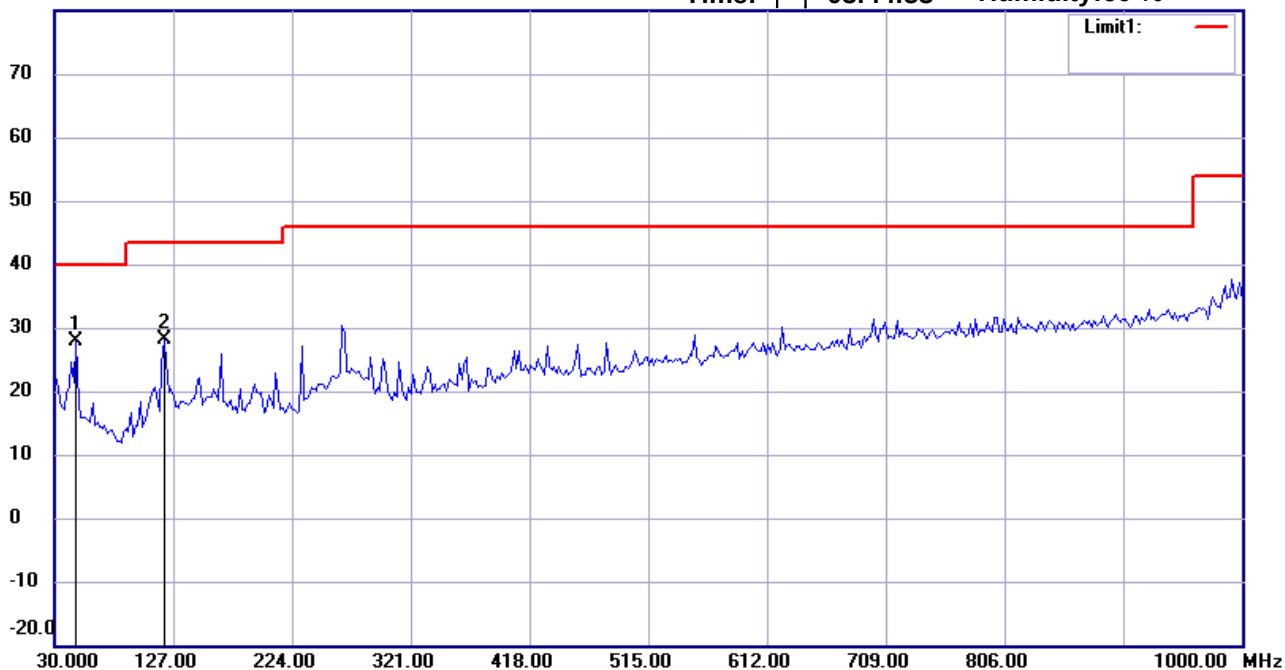
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:44:53

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.81	peak	14.09	27.90	40.00	100	145	-12.10	
	119.4188	14.40	peak	13.62	28.02	43.50	100	60	-15.48	



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

Operator: Roy

File :3

Data :#1

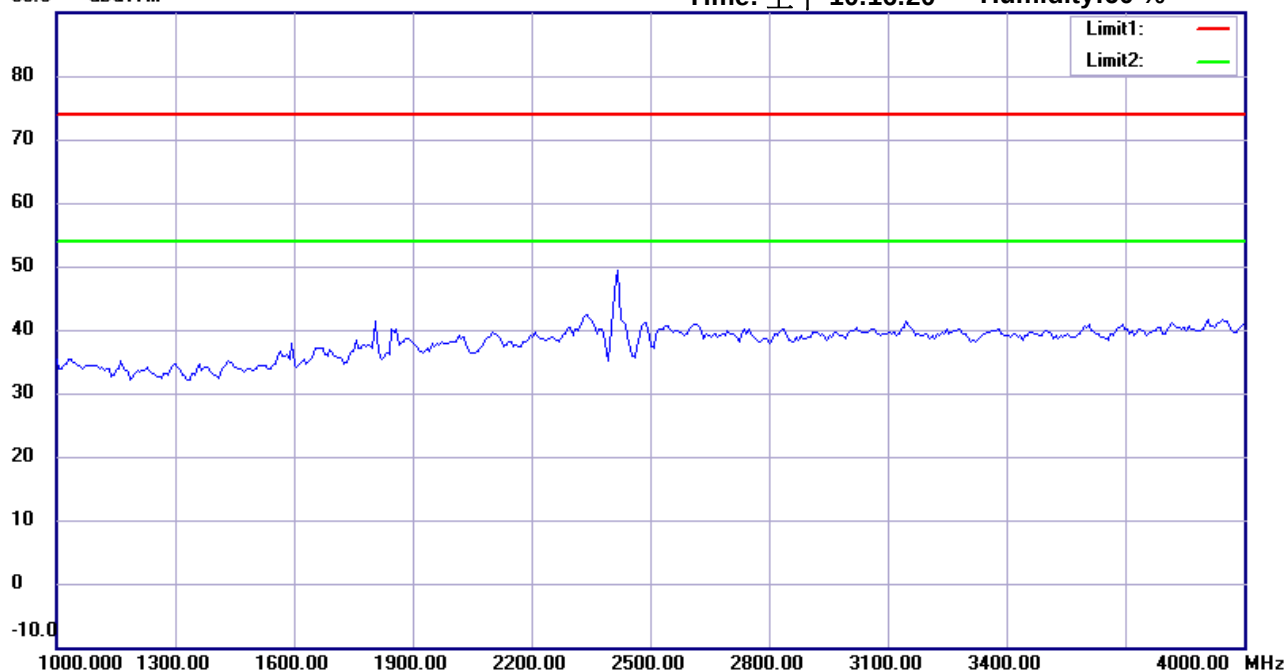
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:16:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

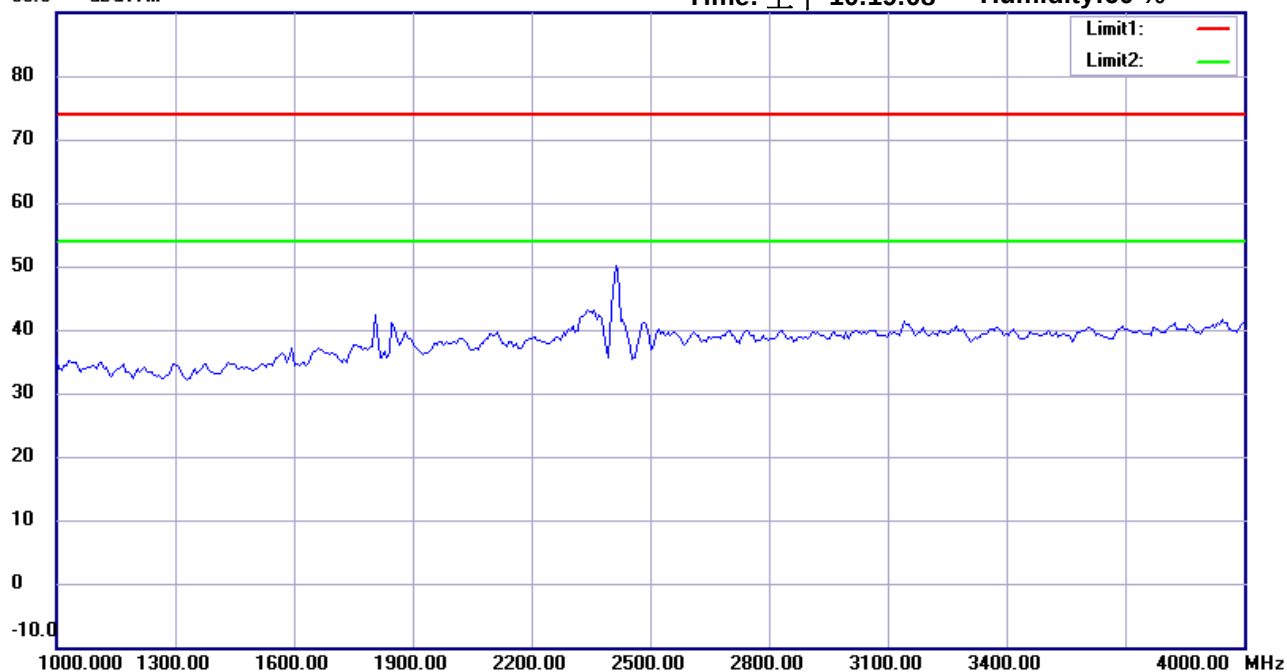
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:19:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

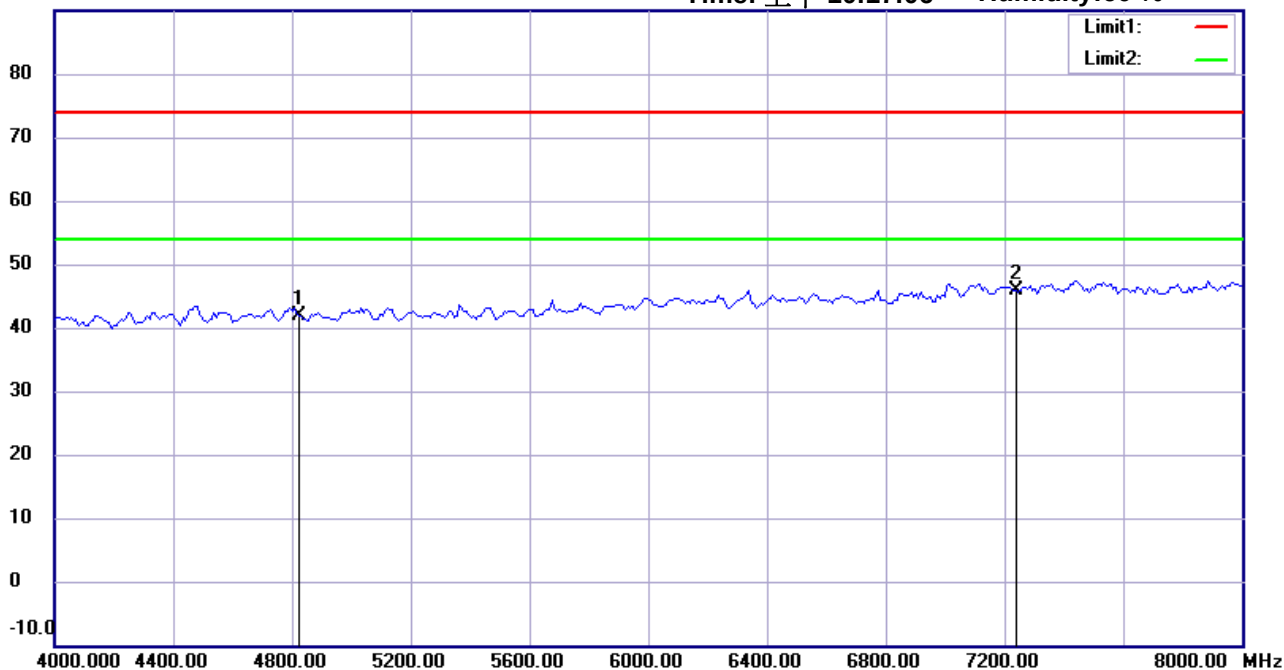
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:17:06

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	42.27	peak	-0.27	42.00	74.00	100	110	-32.00	
*	7236.000	41.30	peak	4.64	45.94	74.00	100	35	-28.06	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #7

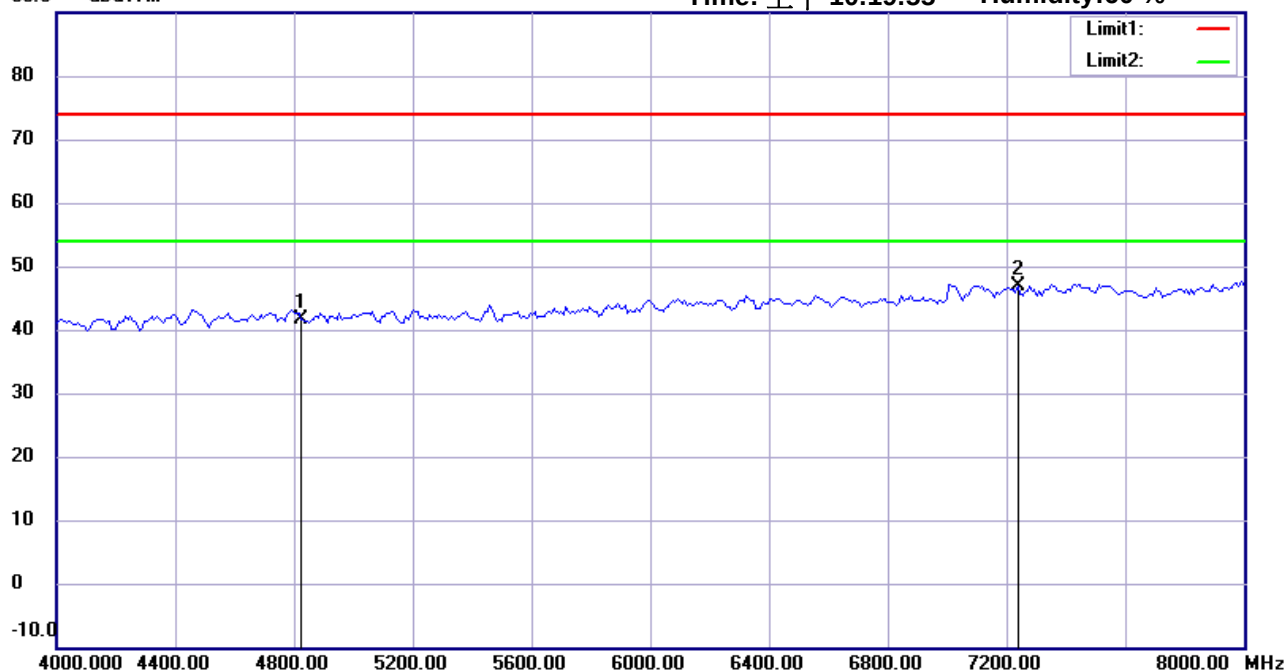
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:19:55

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	41.87	peak	-0.27	41.60	74.00	100	265	-32.40	
*	7236.000	42.19	peak	4.64	46.83	74.00	100	80	-27.17	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

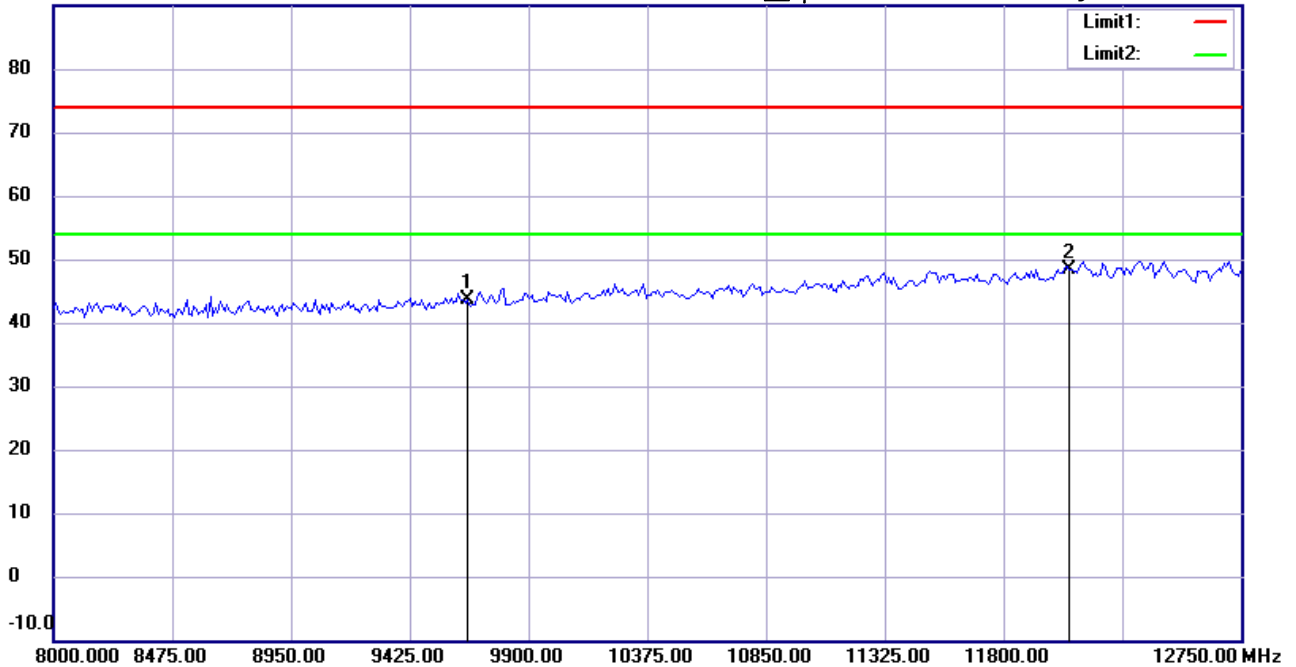
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:17:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	35.71	peak	7.81	43.52	74.00	100	240	-30.48	
*	12060.000	34.65	peak	13.67	48.32	74.00	100	75	-25.68	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

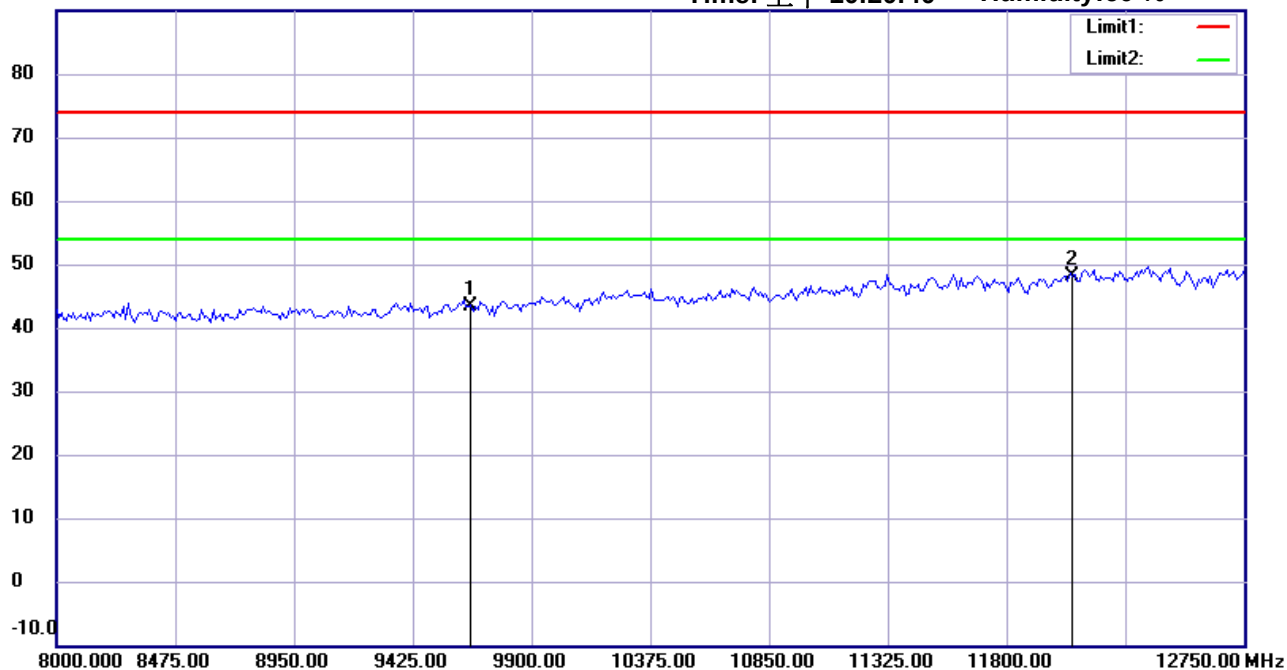
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:20:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	35.69	peak	7.81	43.50	74.00	100	150	-30.50	
*	12060.000	34.55	peak	13.67	48.22	74.00	100	25	-25.78	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #4

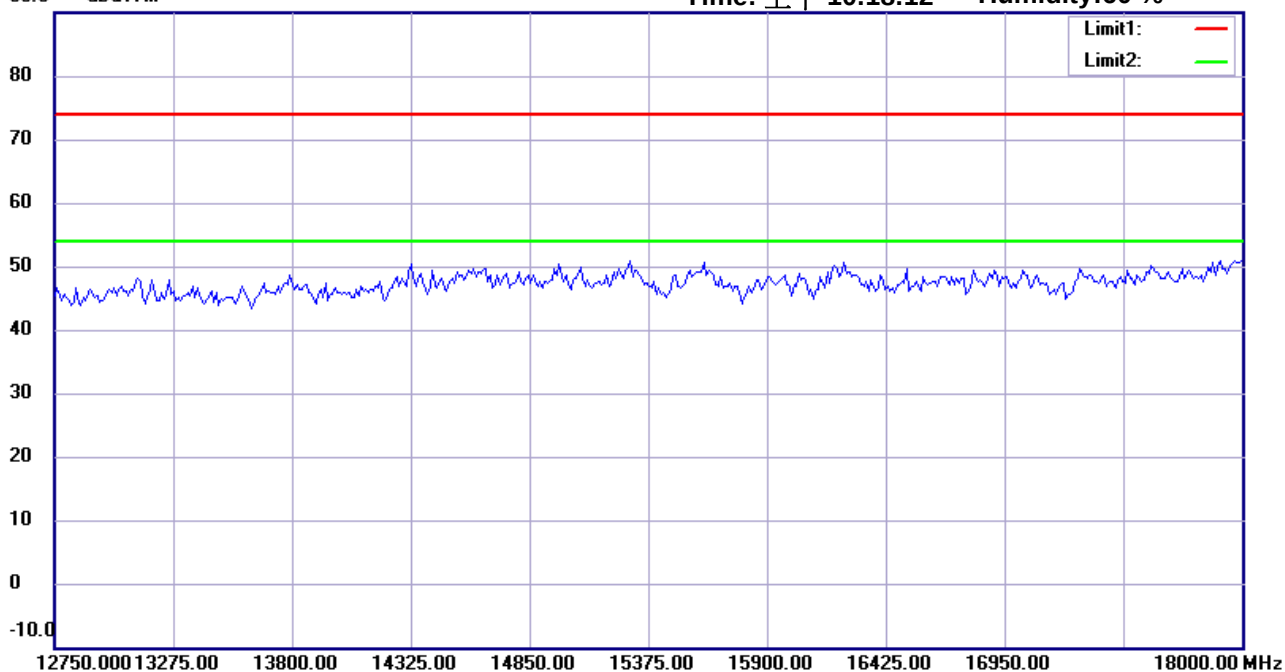
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:18:12

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

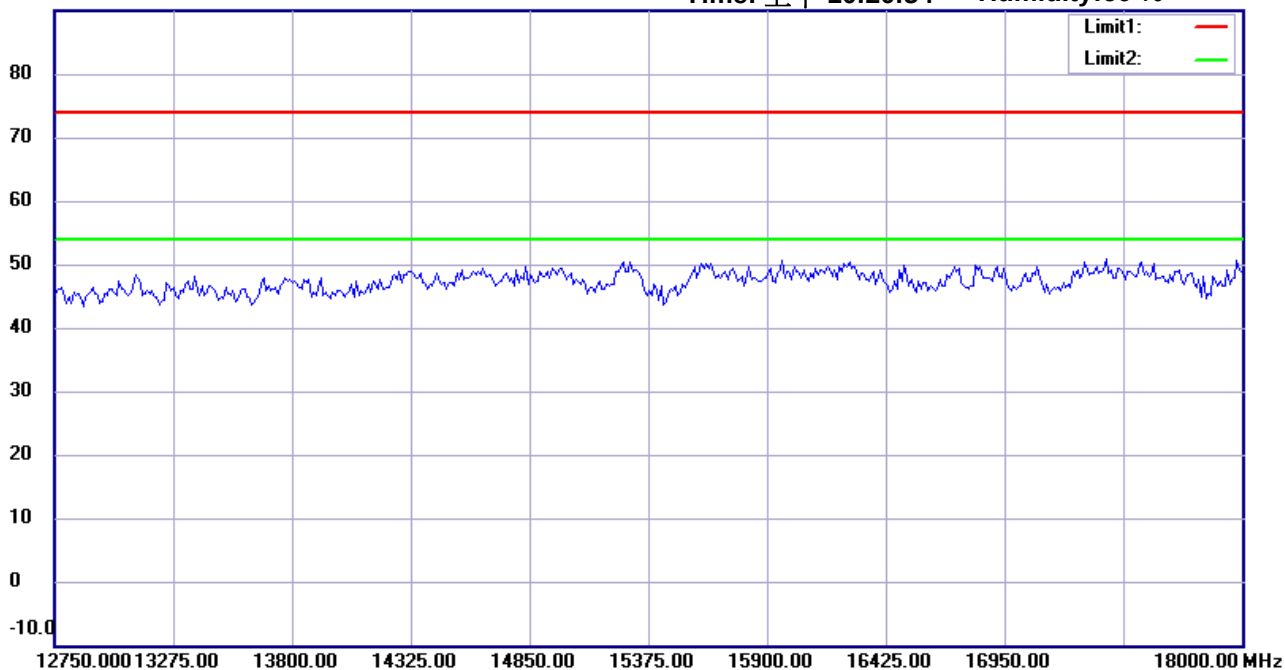
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:20:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

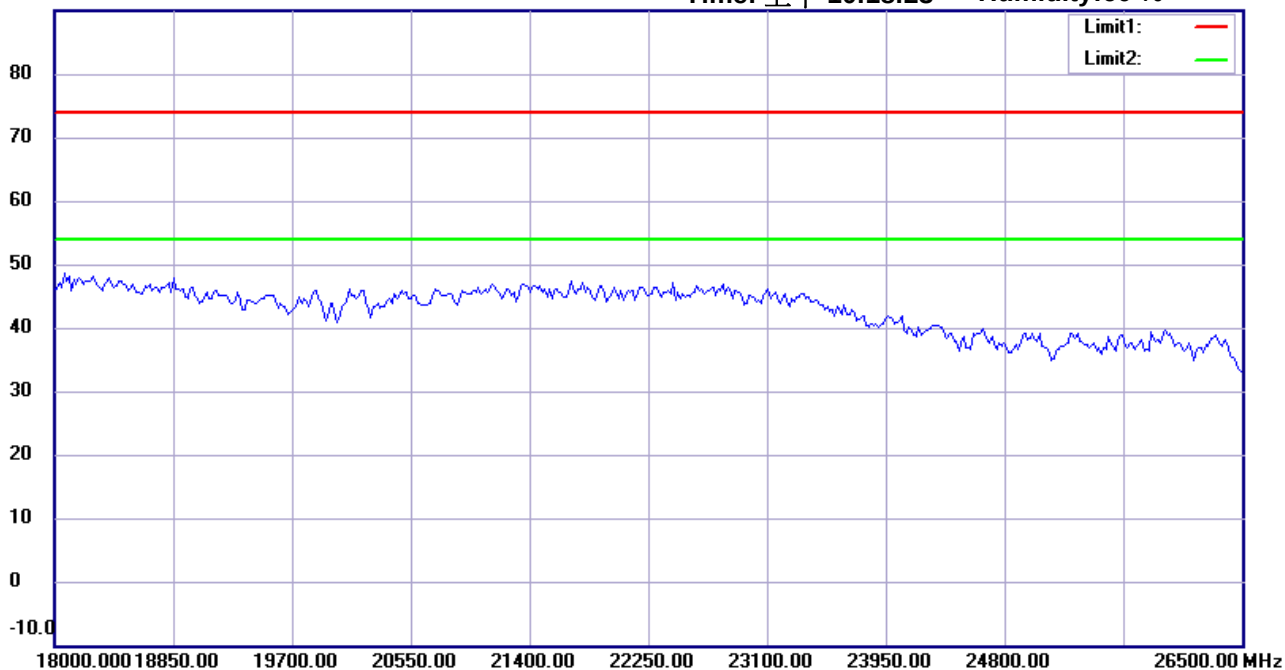
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:18:23

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

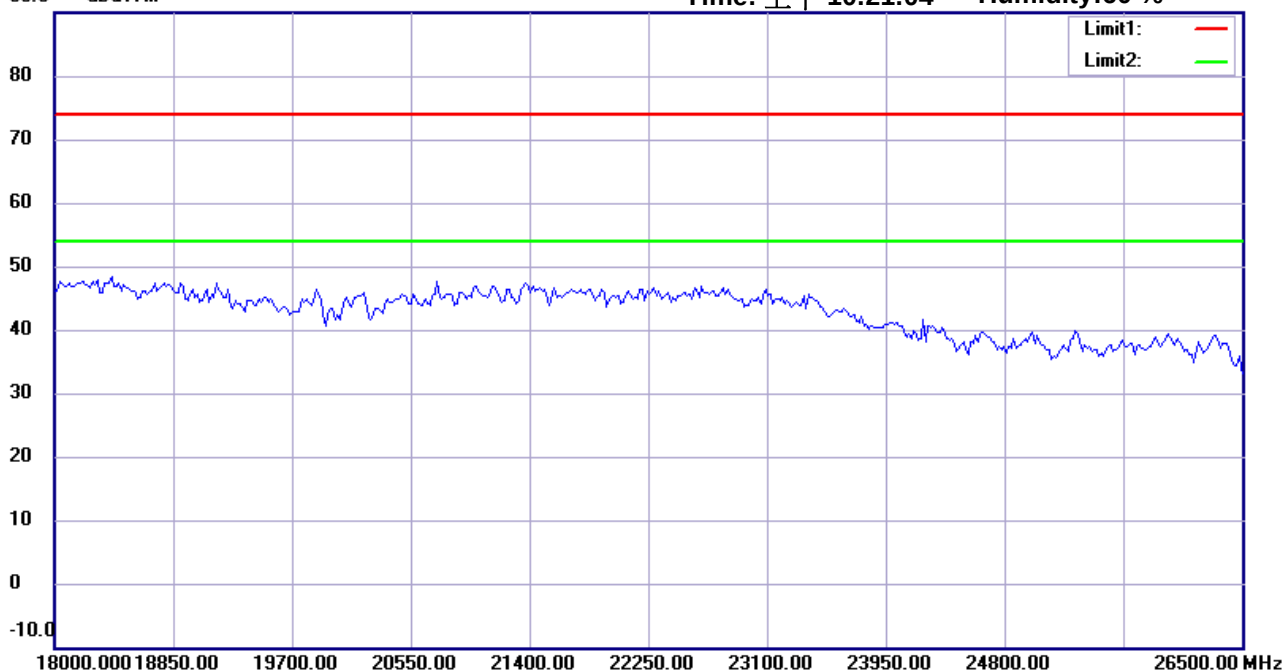
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:21:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

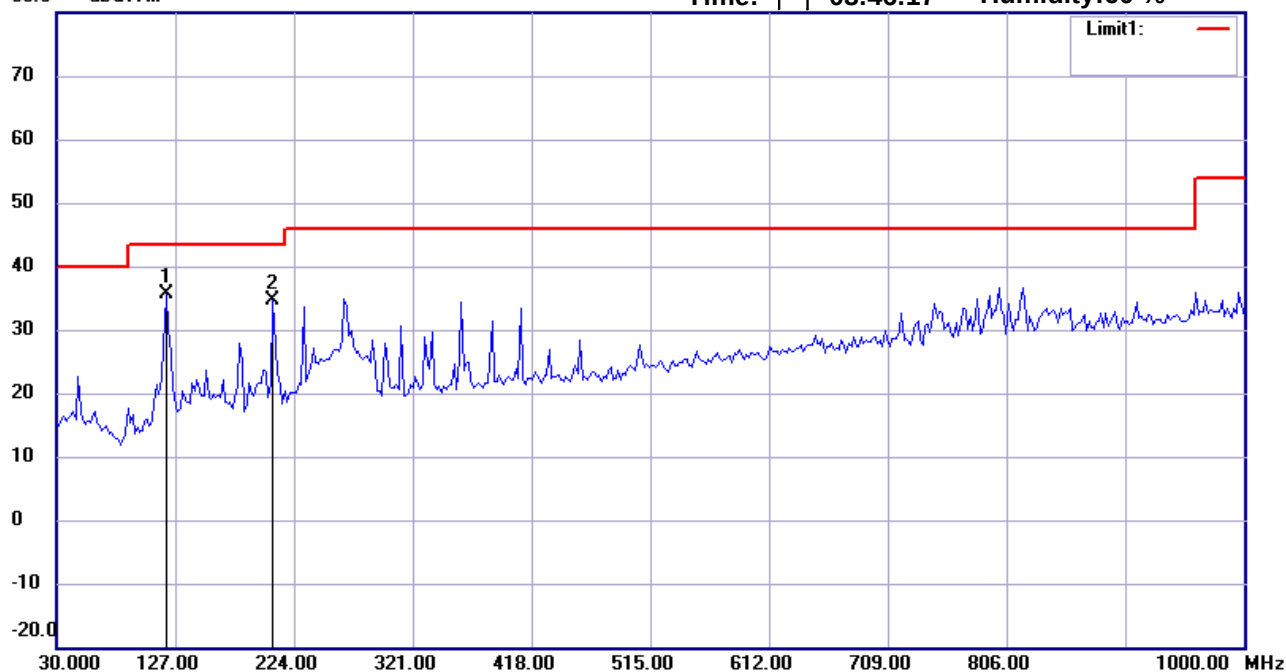
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:46:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	22.01	peak	13.62	35.63	43.50	100	255	-7.87	
	206.8937	21.94	peak	12.62	34.56	43.50	100	170	-8.94	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

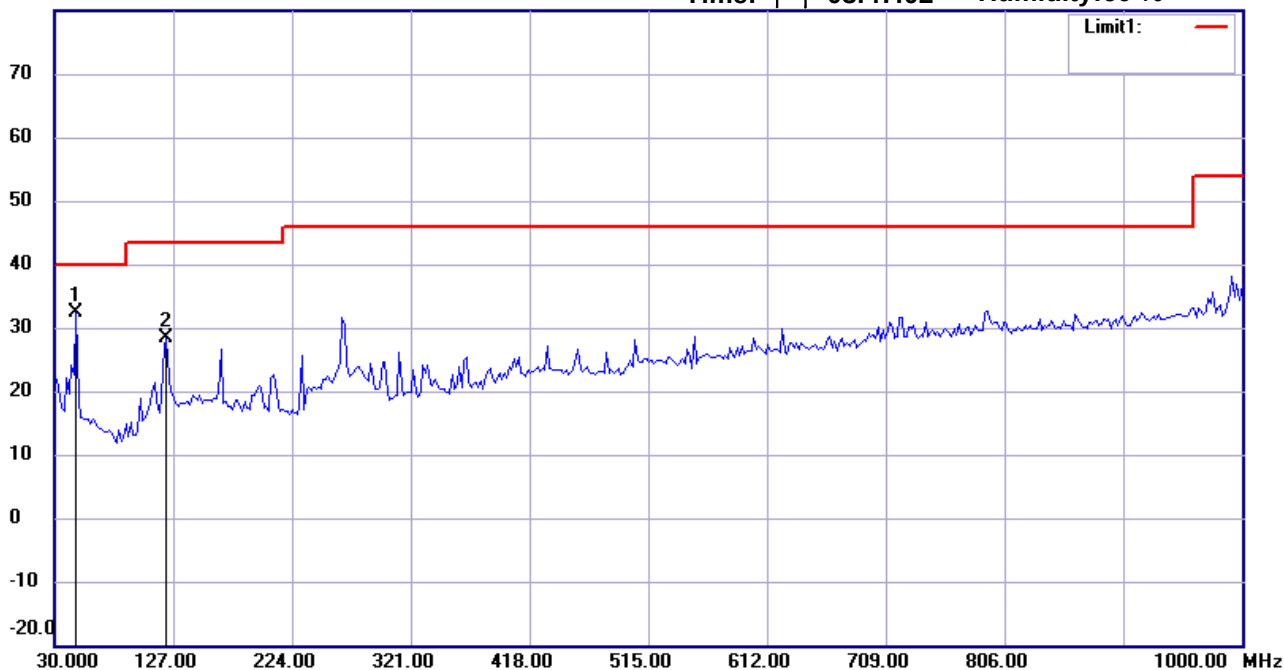
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:47:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	18.28	peak	14.09	32.37	40.00	100	175	-7.63	
	121.3627	14.56	peak	13.79	28.35	43.50	100	220	-15.15	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #1

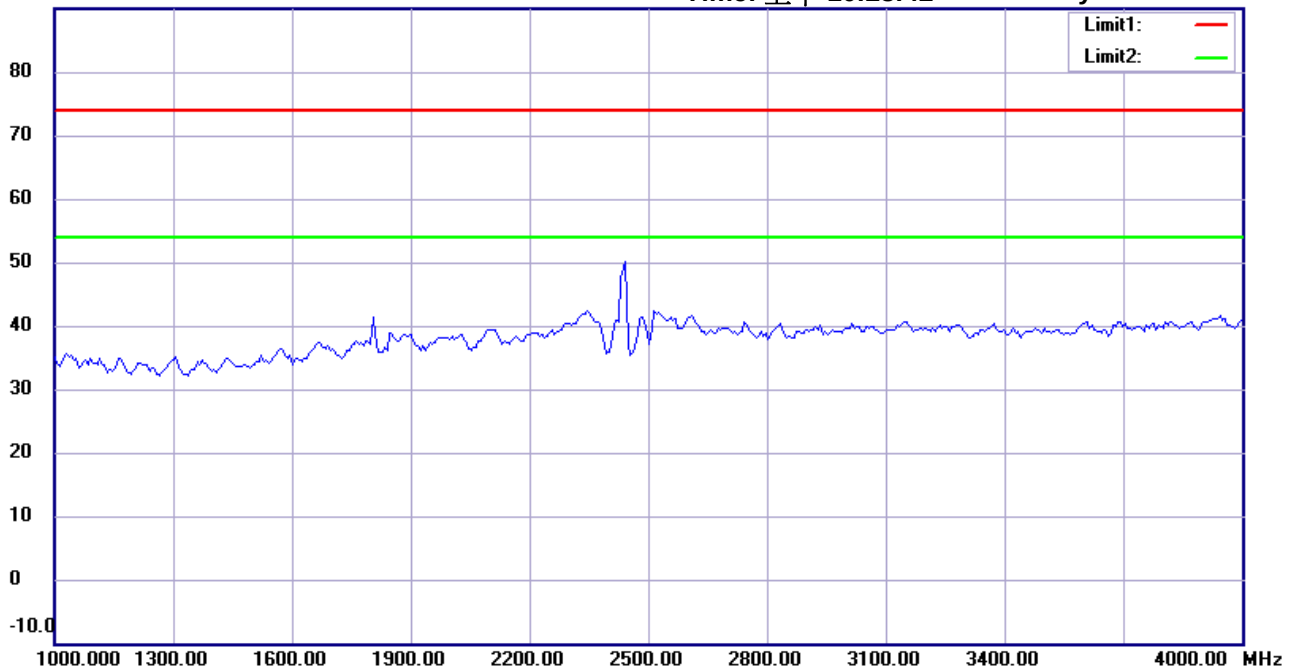
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:23:42

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

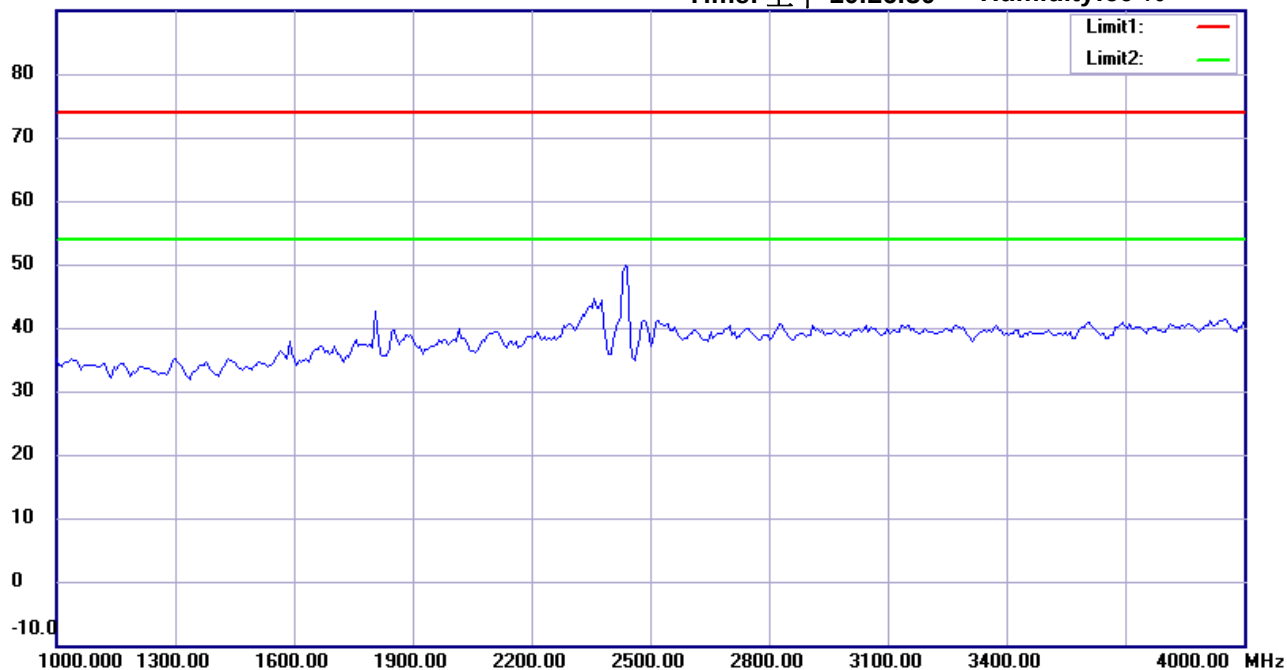
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:26:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Operator: Roy

File :3

Data :#2

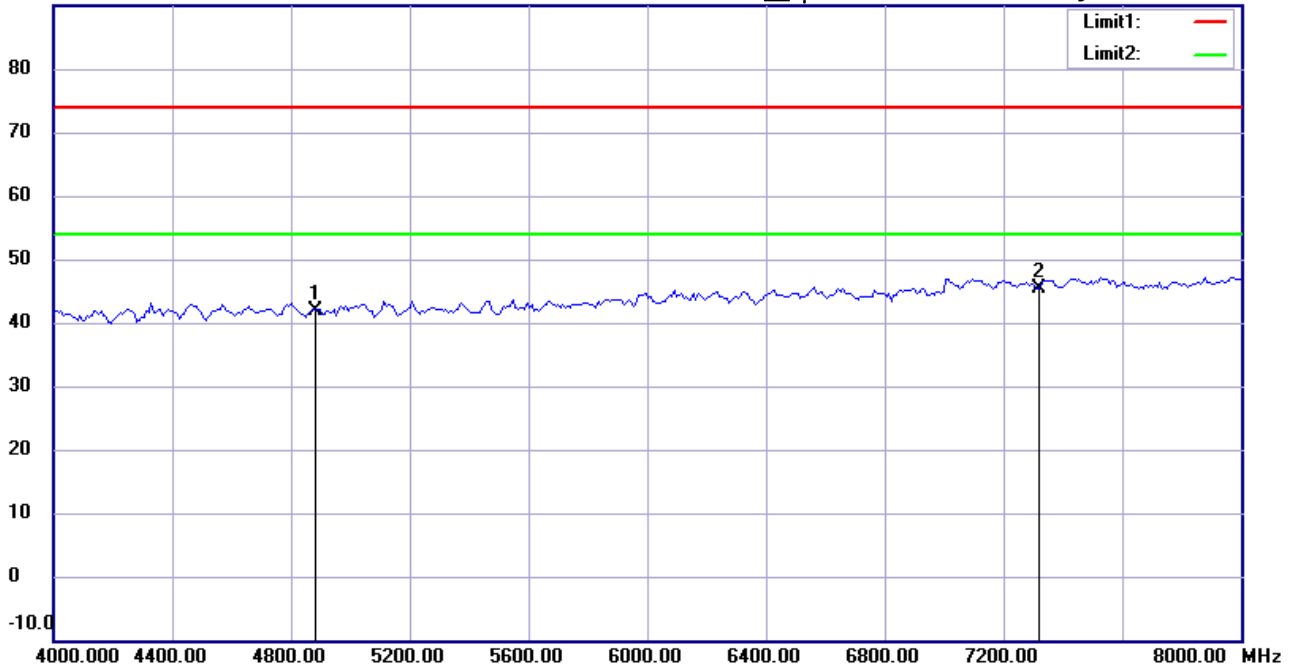
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:24:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.10	peak	-0.17	41.93	74.00	100	305	-32.07	
*	7311.000	40.65	peak	4.77	45.42	74.00	100	245	-28.58	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

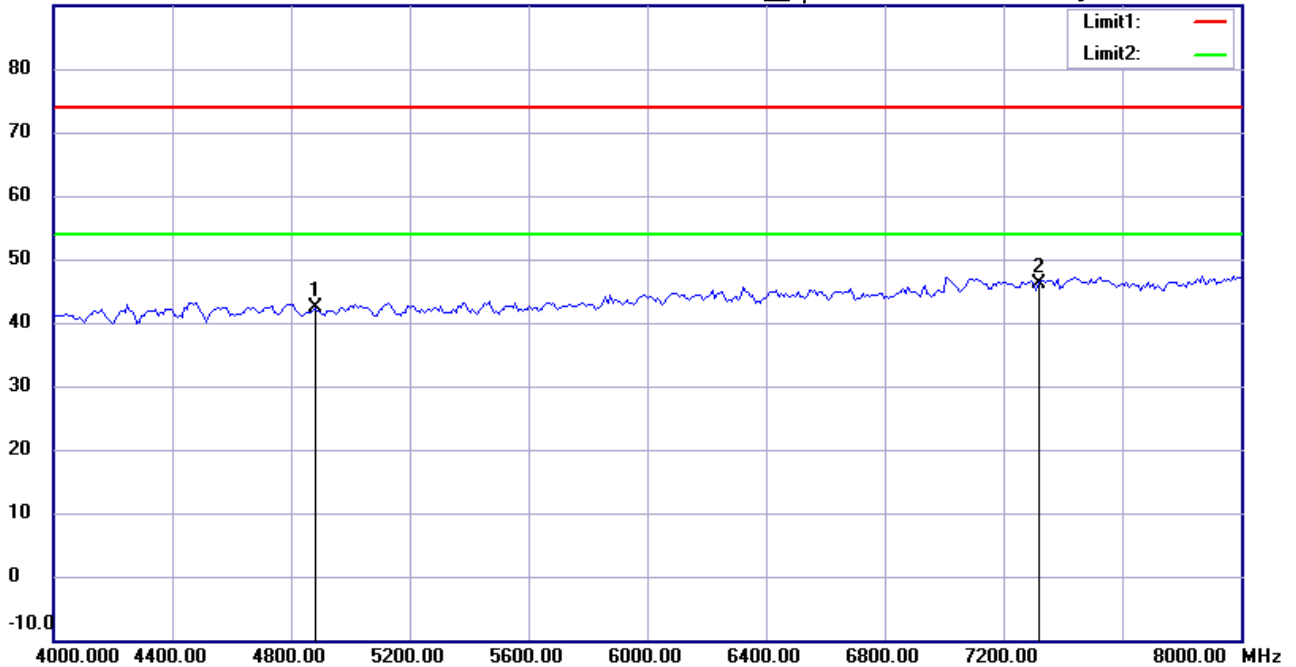
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:27:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.45	peak	-0.17	42.28	74.00	100	220	-31.72	
*	7311.000	41.33	peak	4.77	46.10	74.00	100	145	-27.90	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

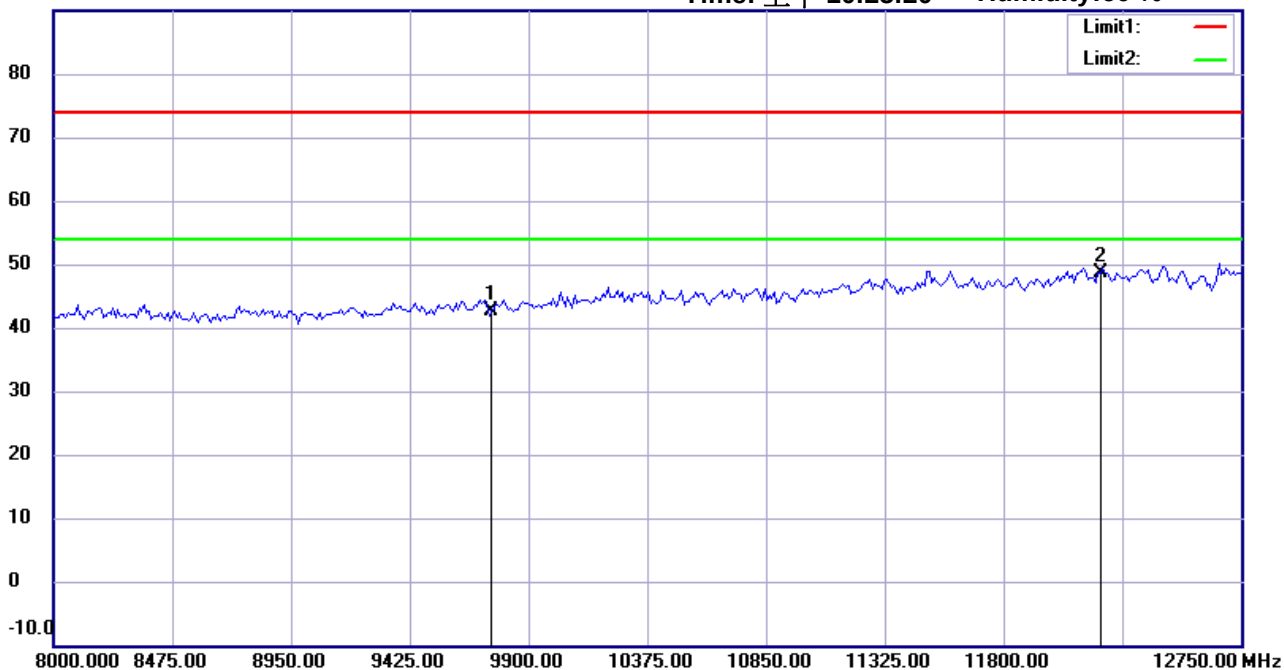
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:25:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.83	peak	7.79	42.62	74.00	100	100	-31.38	
*	12185.000	34.38	peak	14.28	48.66	74.00	100	30	-25.34	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #8

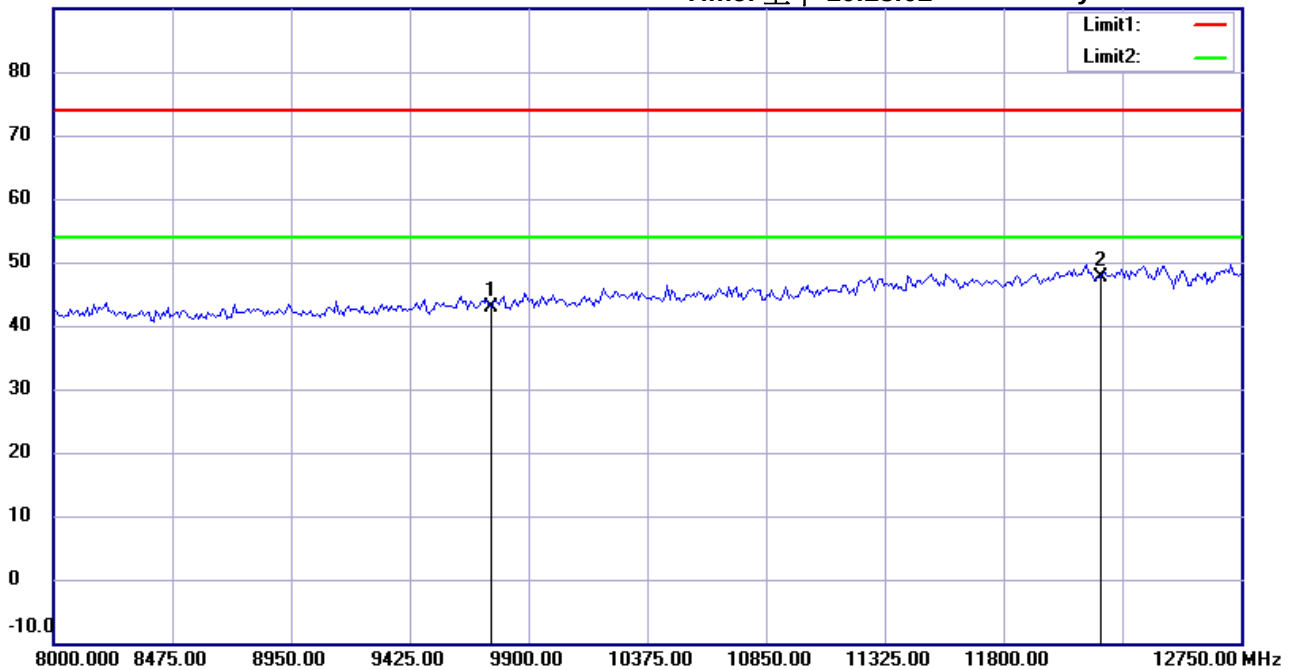
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:28:02

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	35.21	peak	7.79	43.00	74.00	100	200	-31.00	
*	12185.000	33.45	peak	14.28	47.73	74.00	100	85	-26.27	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

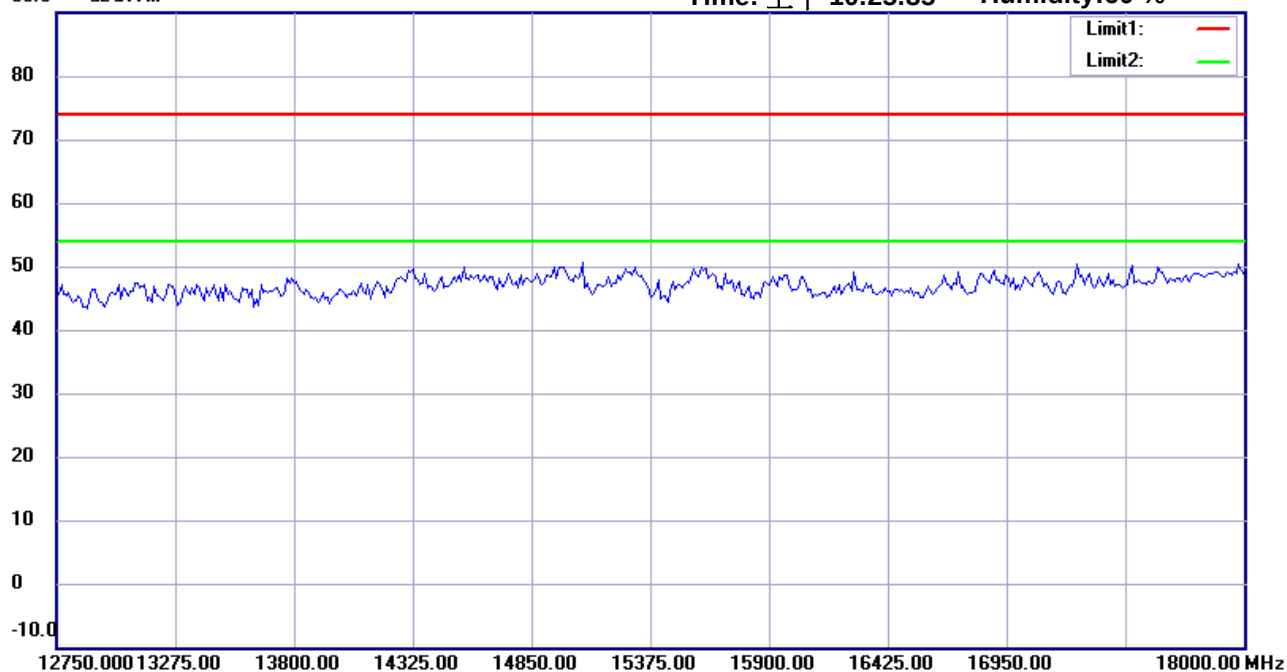
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:25:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

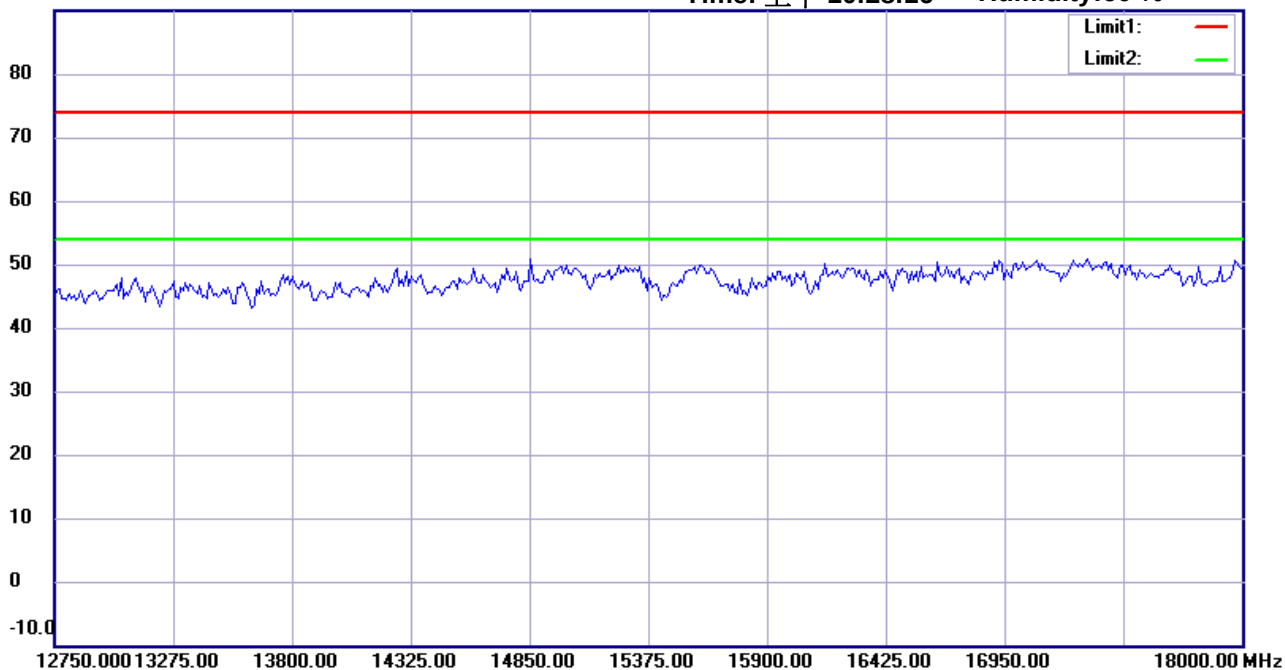
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:28:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#5

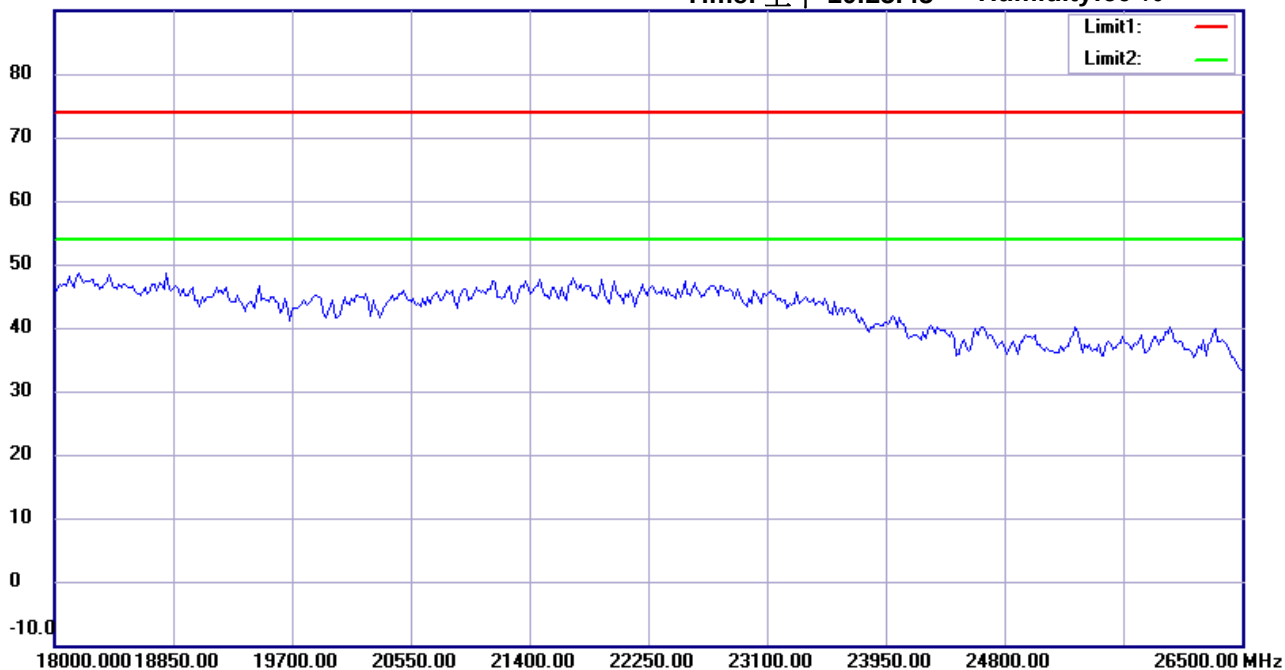
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:25:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

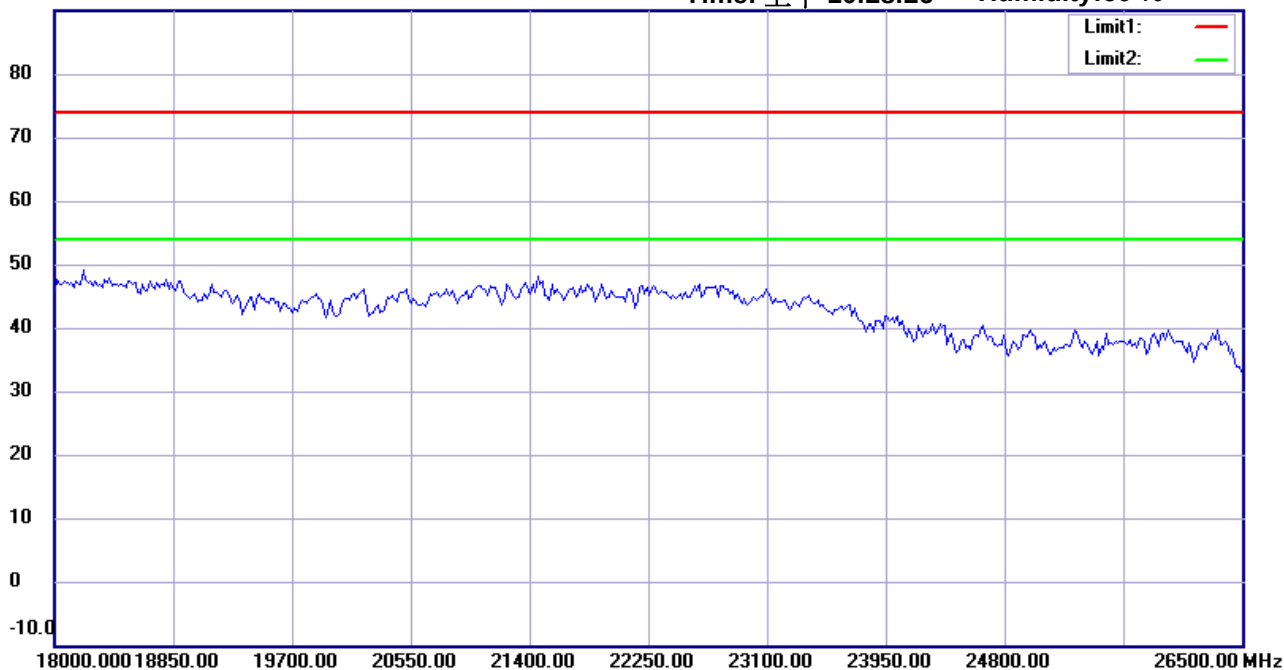
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:28:26

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

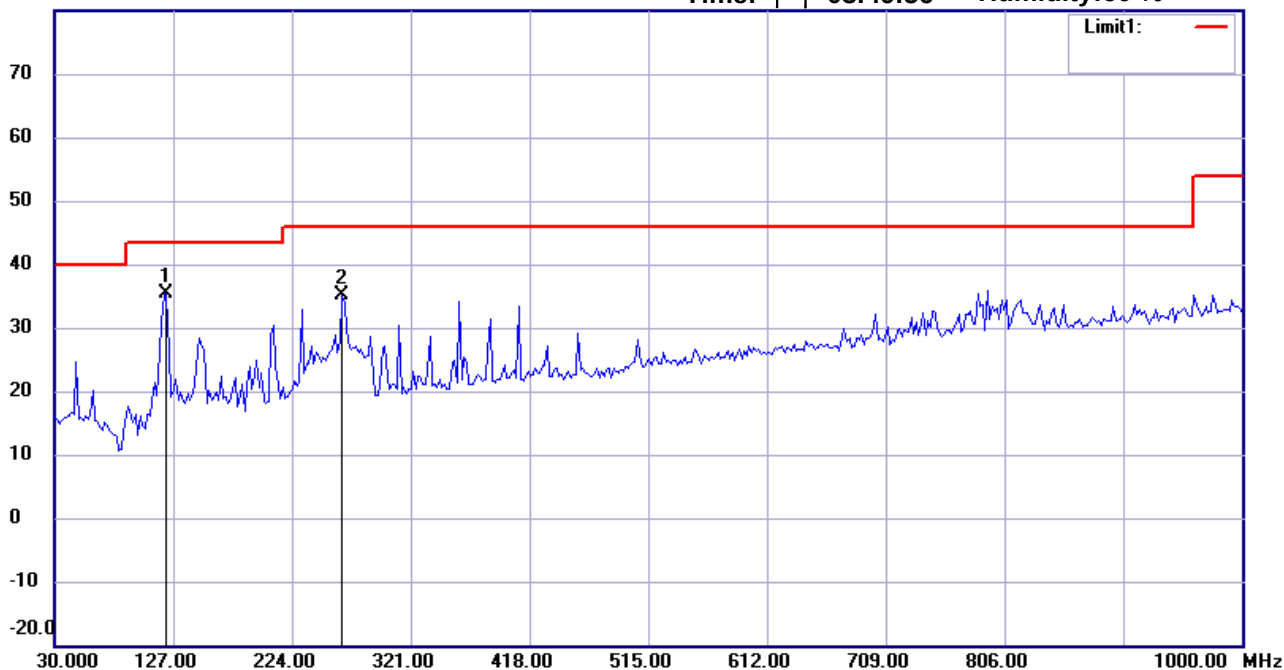
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:49:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	121.3627	21.69	peak	13.79	35.48	43.50	100	250	-8.02	
	265.2102	20.30	peak	14.76	35.06	46.00	100	195	-10.94	

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

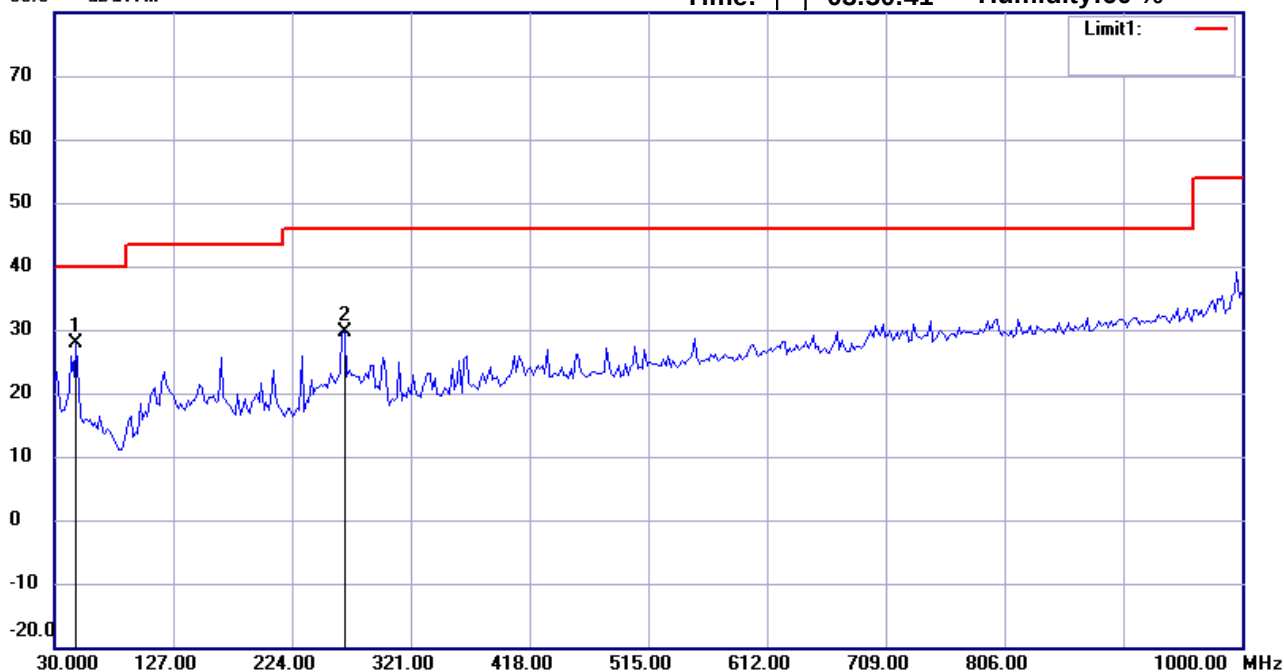
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:50:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.81	peak	14.09	27.90	40.00	100	265	-12.10	
	267.1543	14.80	peak	14.84	29.64	46.00	100	170	-16.36	

*: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: Roy

File :3

Data :#1

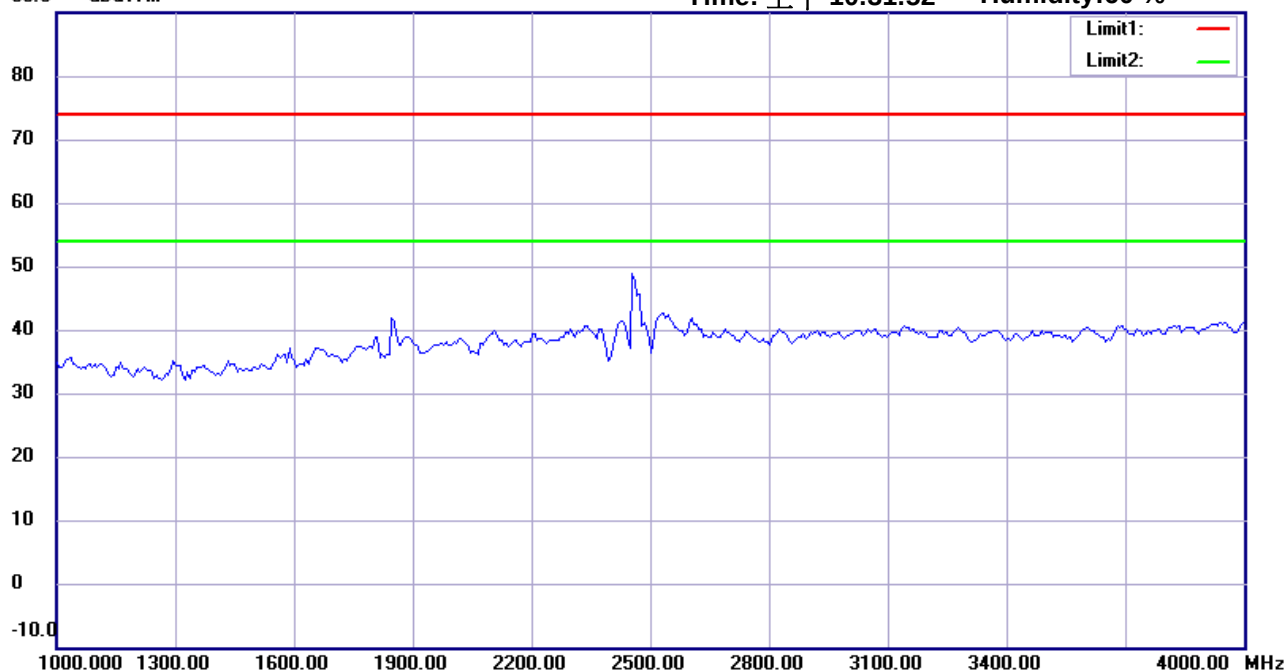
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:31:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#6

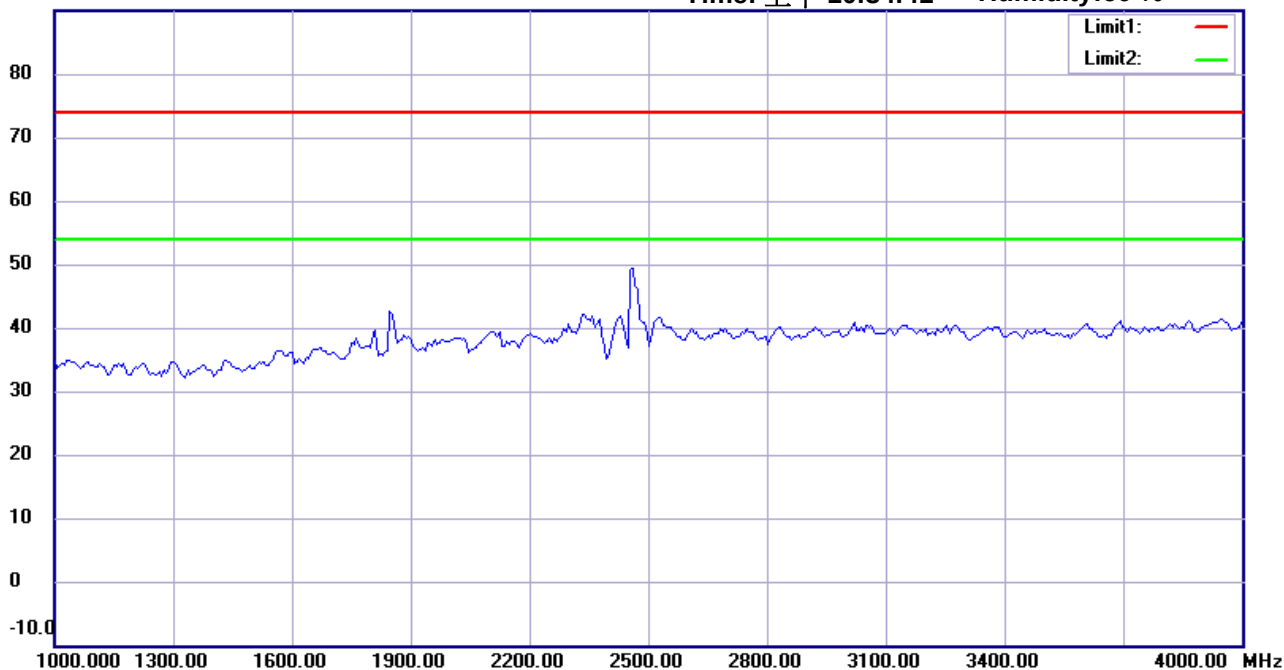
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:34:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

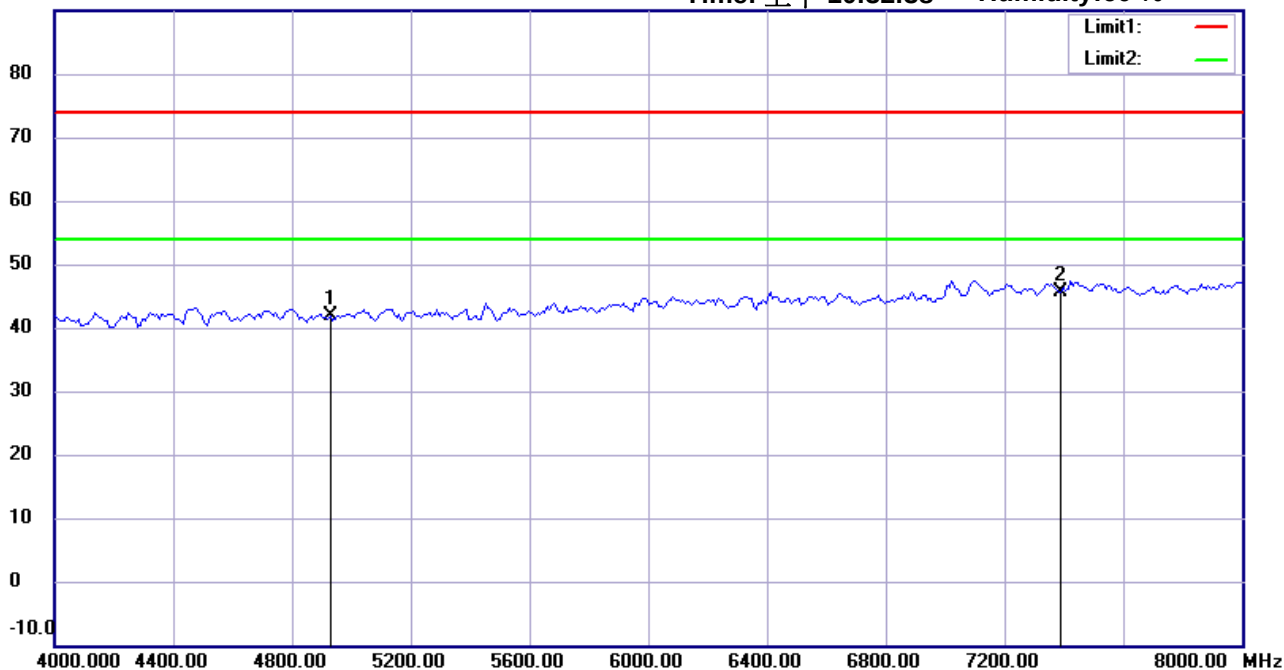
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:32:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	41.81	peak	0.02	41.83	74.00	100	170	-32.17	
*	7386.000	40.47	peak	5.25	45.72	74.00	100	105	-28.28	

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



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

Operator: Roy

File :3

Data :#7

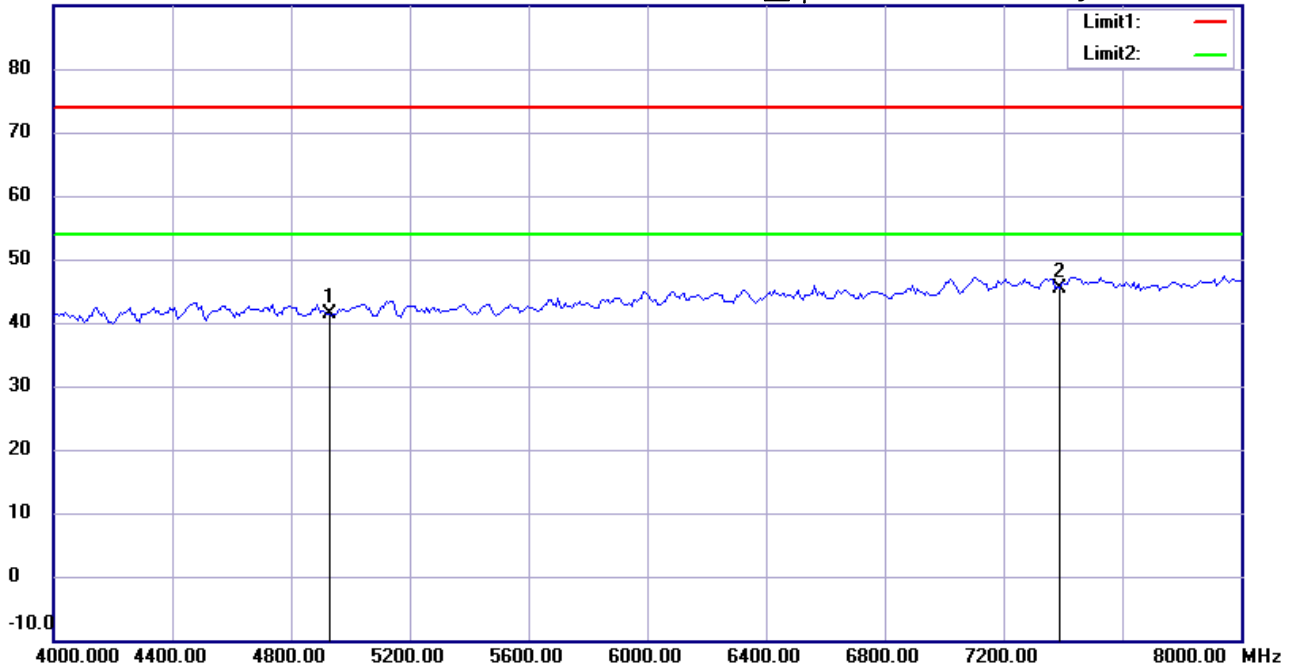
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:35:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	41.40	peak	0.02	41.42	74.00	100	235	-32.58	
*	7386.000	40.24	peak	5.25	45.49	74.00	100	50	-28.51	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

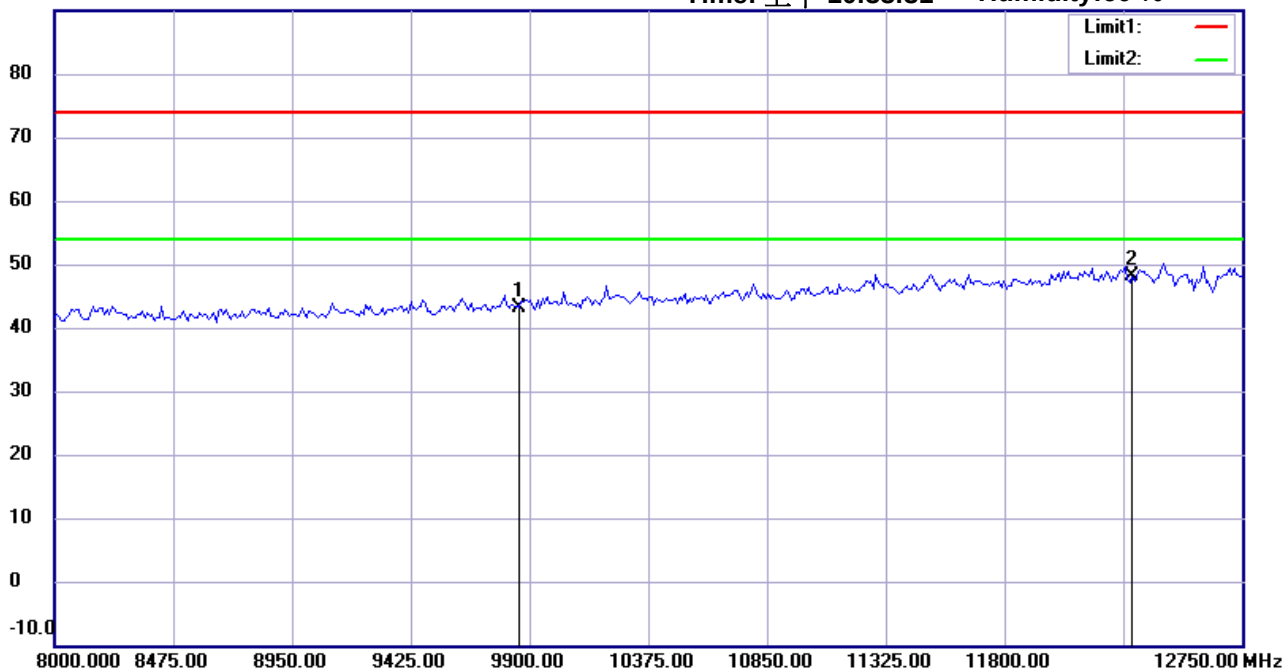
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:33:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.16	peak	7.98	43.14	74.00	100	225	-30.86	
*	12310.000	34.51	peak	13.69	48.20	74.00	100	70	-25.80	

*: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: Roy

File :3

Data :#8

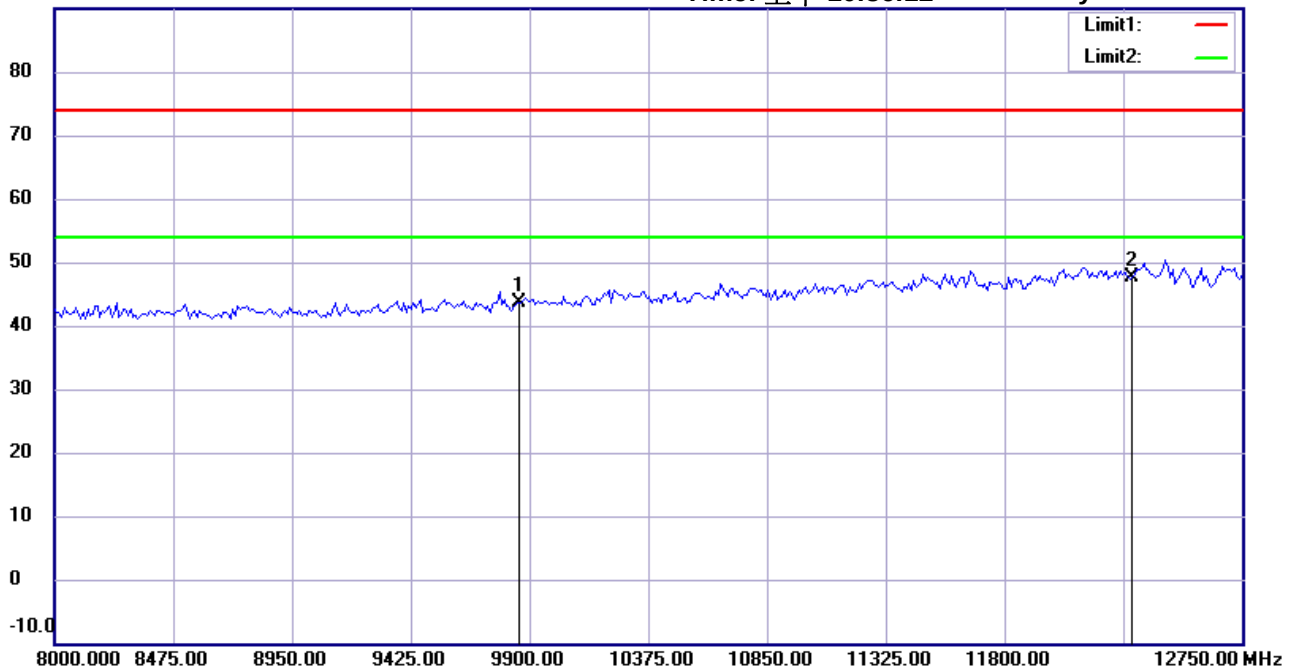
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:36:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.67	peak	7.98	43.65	74.00	100	120	-30.35	
*	12310.000	34.00	peak	13.69	47.69	74.00	100	40	-26.31	

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #4

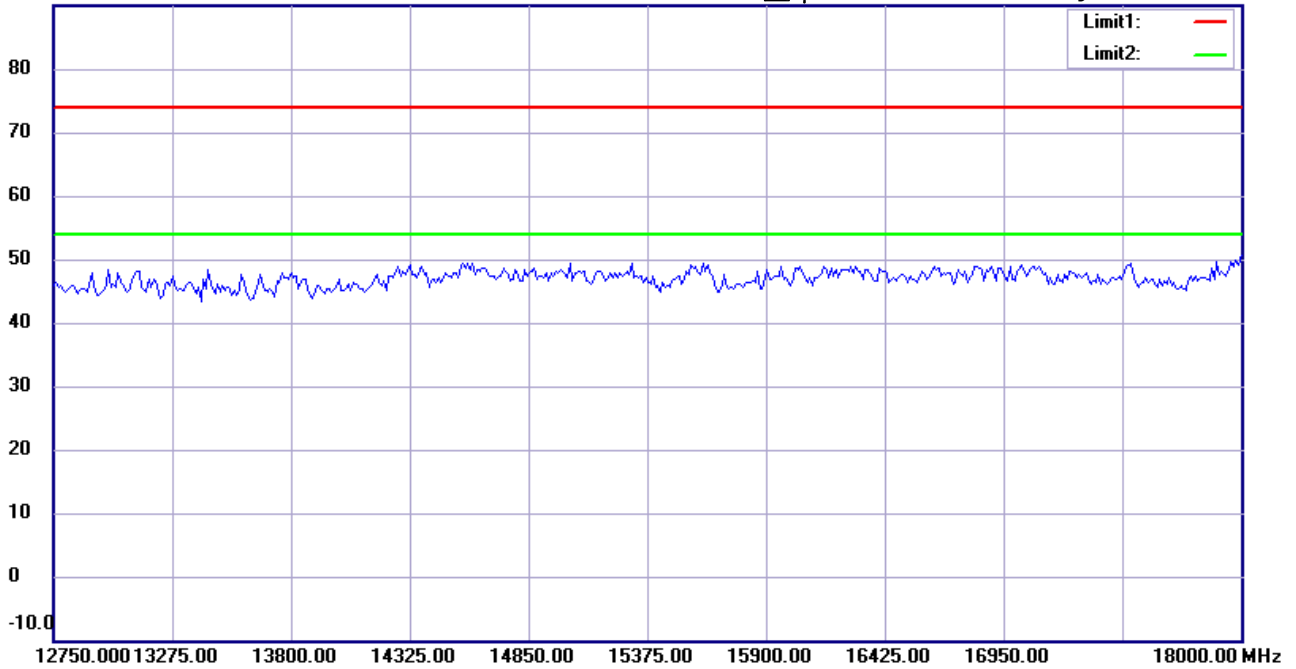
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:33:45

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#9

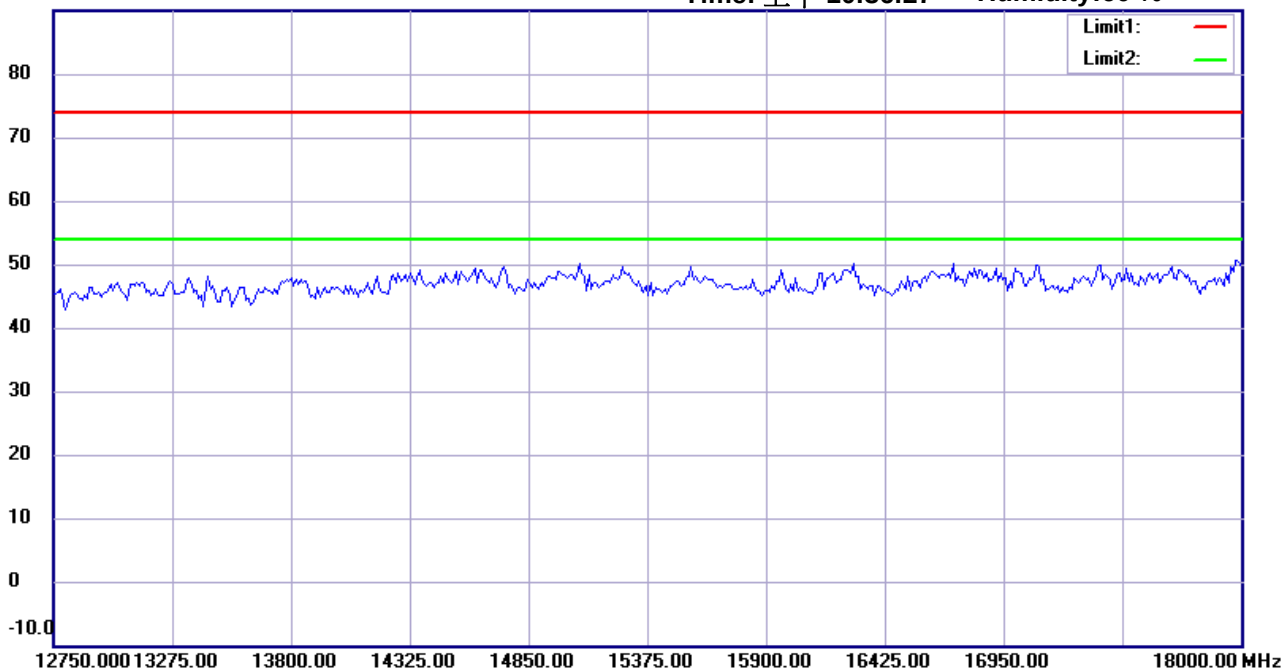
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:36:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#5

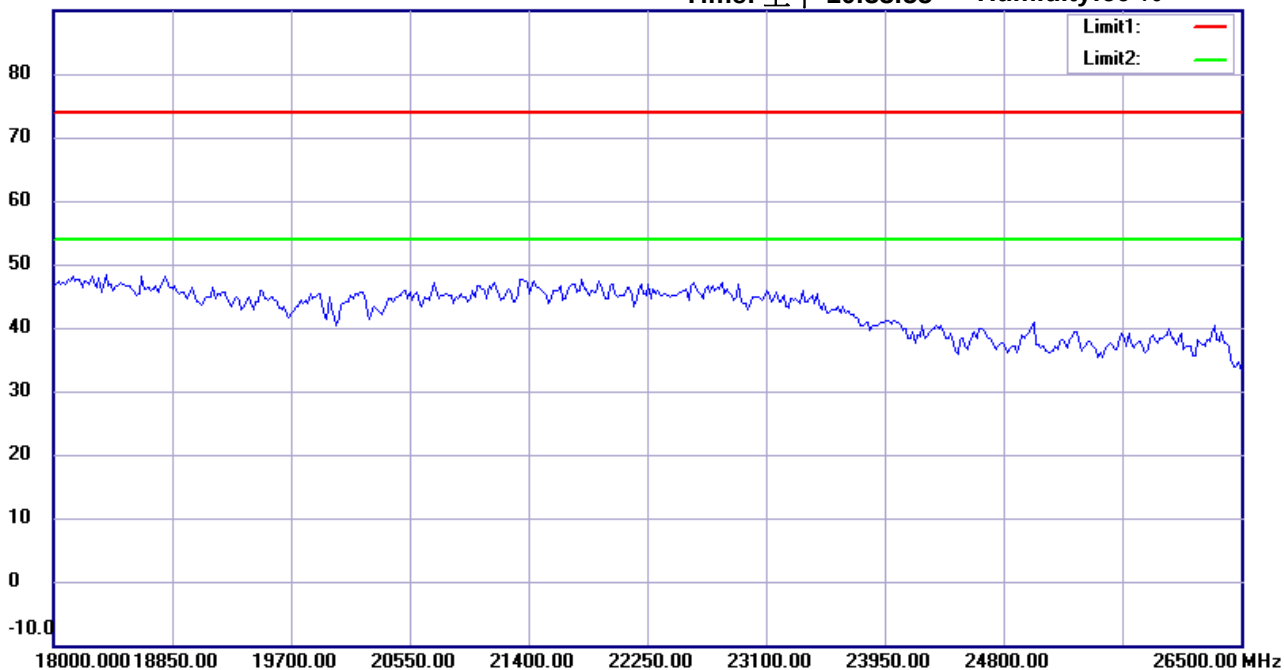
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:33:55

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#10

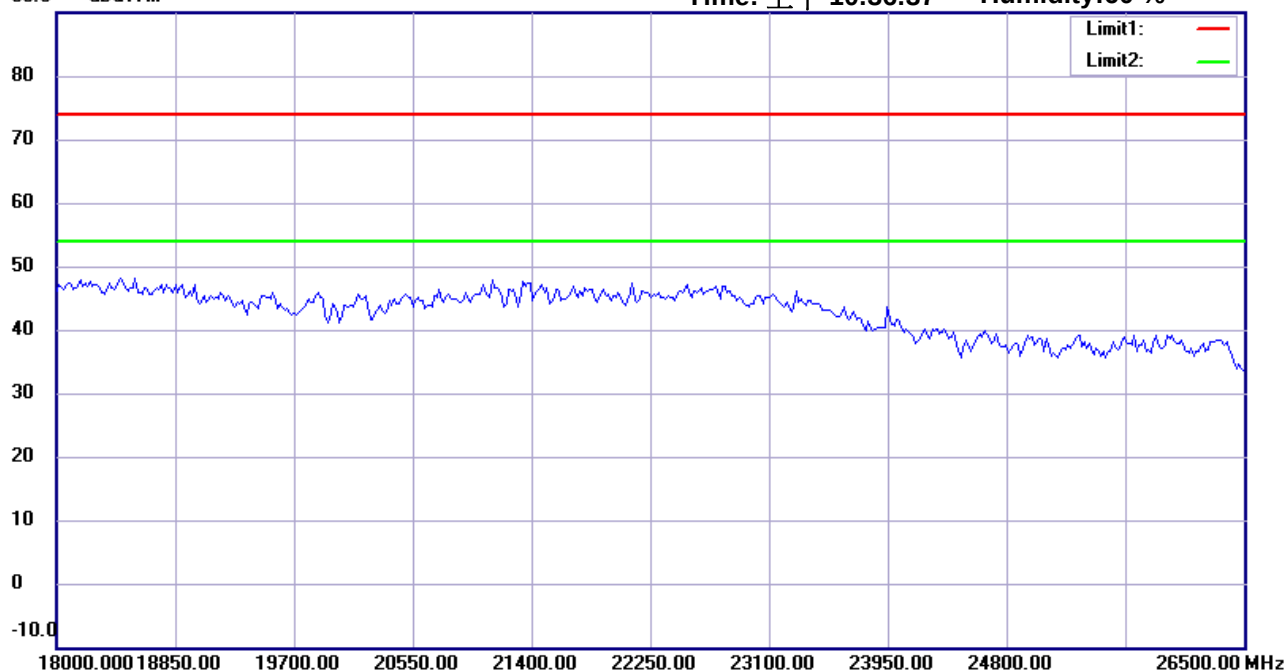
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:36:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

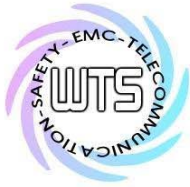
Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

Spurious Emission Radiated _TX_ANT B 2.4G WLAN



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

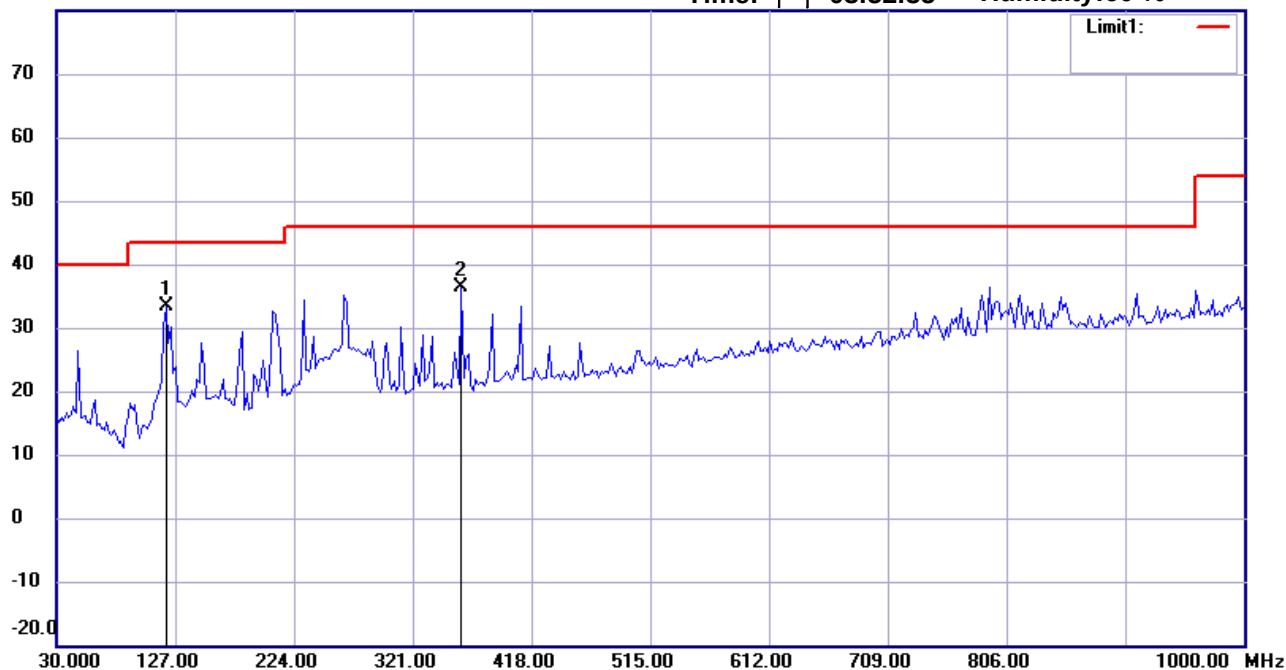
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:52:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	119.4188	19.83	peak	13.62	33.45	43.50	100	175	-10.05	
*	360.4607	18.95	peak	17.53	36.48	46.00	100	230	-9.52	

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:53:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.99	peak	14.09	28.08	40.00	100	95	-11.92	
	265.2104	16.42	peak	14.76	31.18	46.00	100	155	-14.82	

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



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

Operator: Roy

File :3

Data :#1

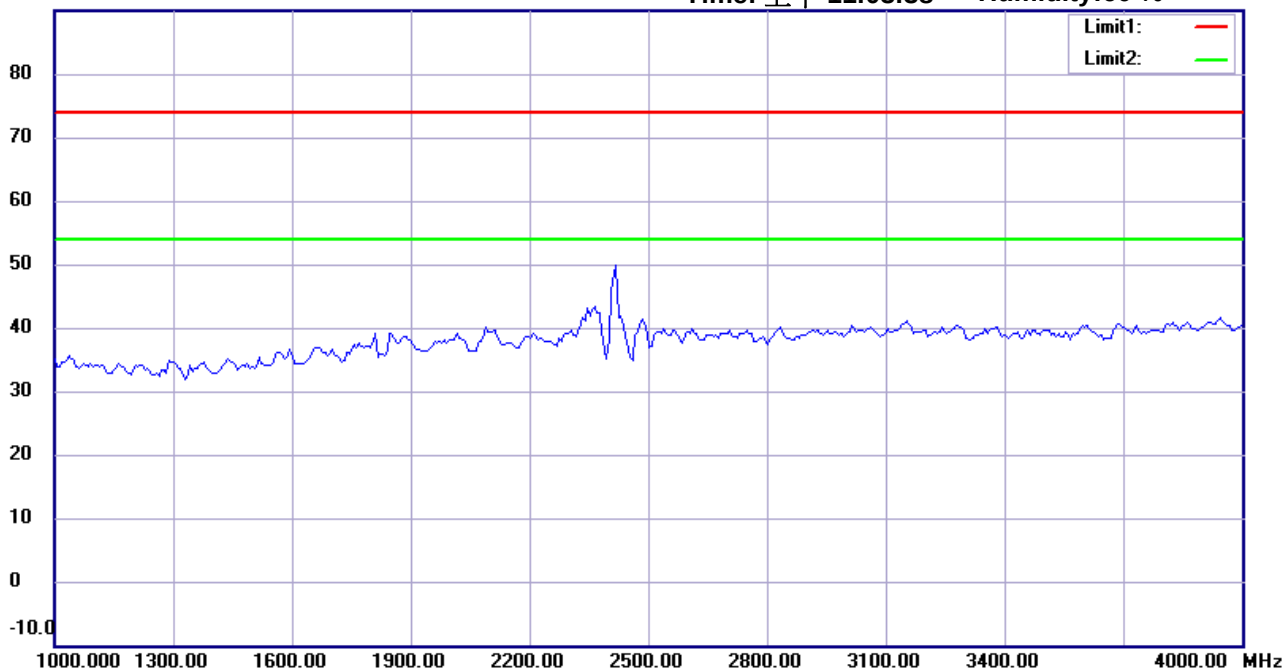
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:03:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

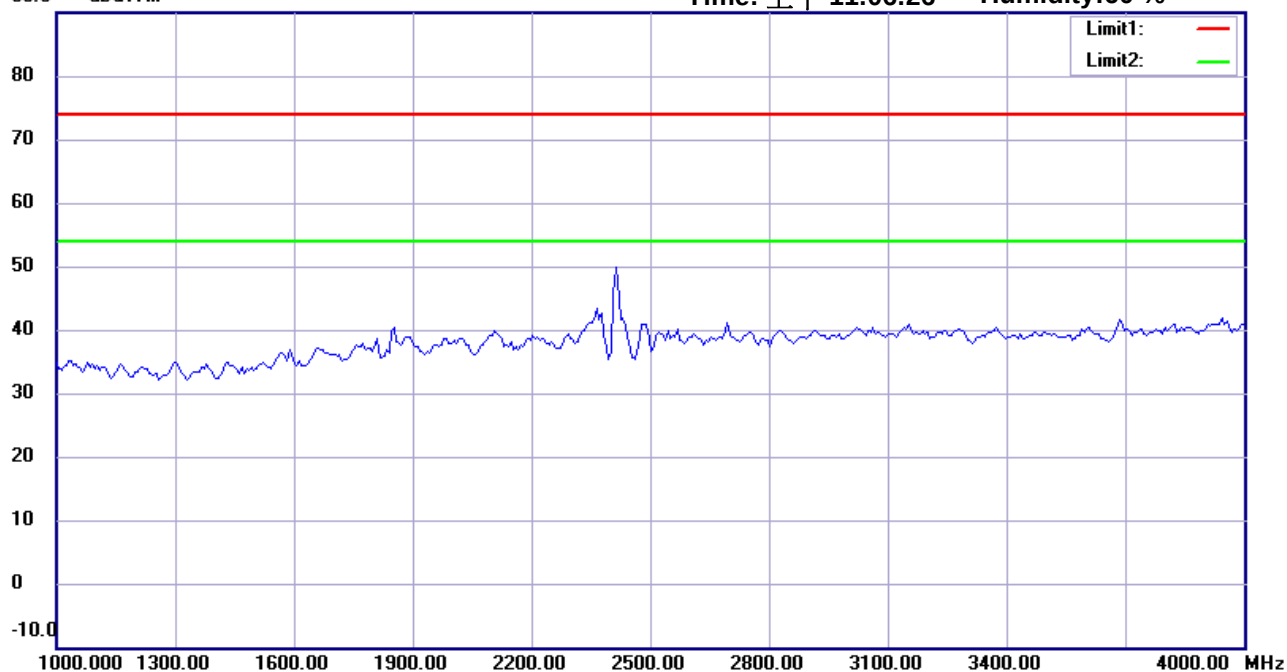
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:06:26

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #2

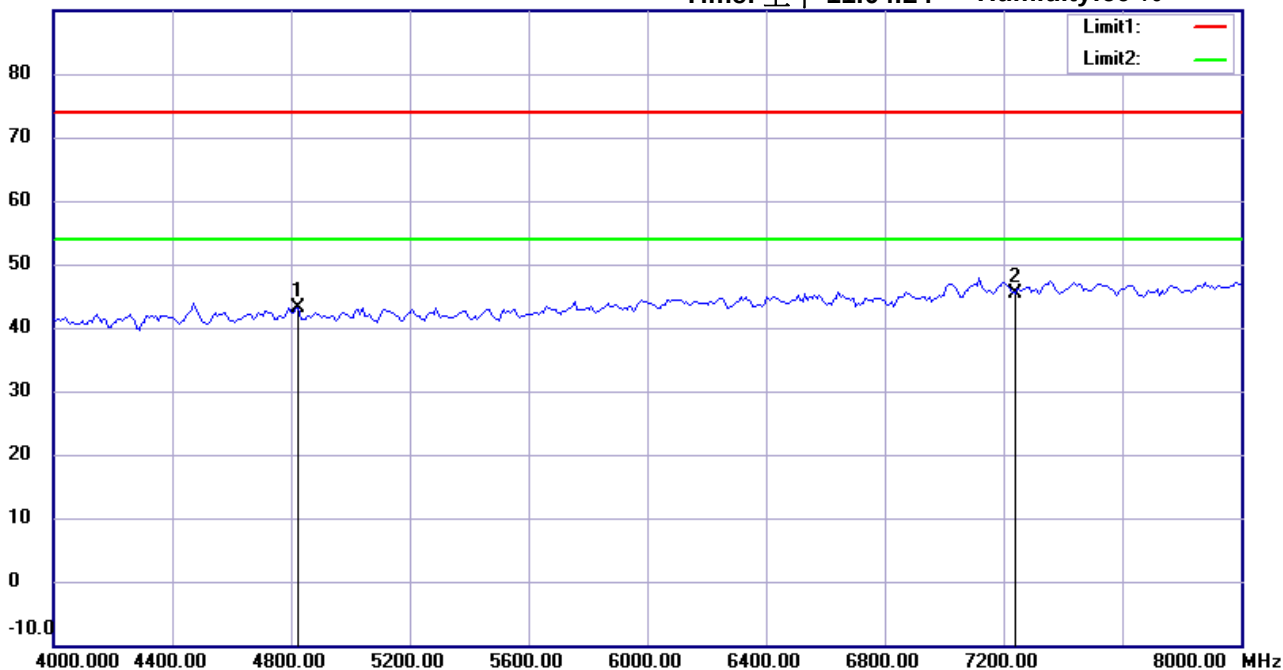
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 11:04:24

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	43.38	peak	-0.27	43.11	74.00	100	230	-30.89	
*	7236.000	40.76	peak	4.64	45.40	74.00	100	100	-28.60	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

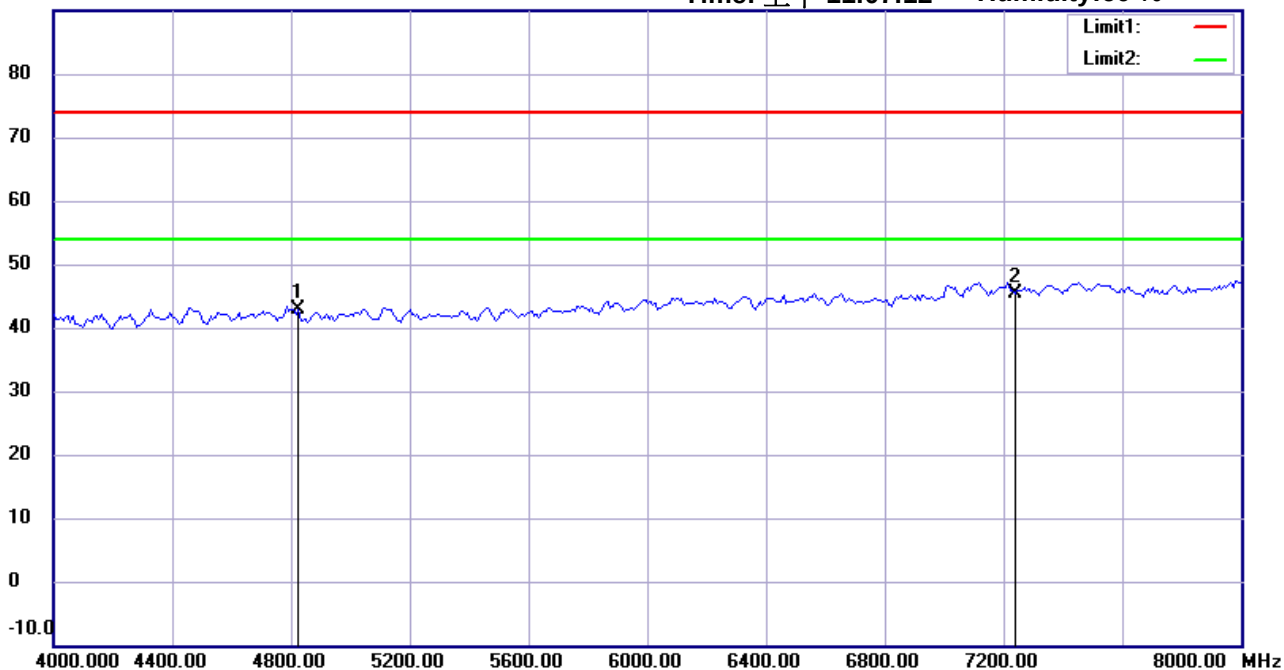
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:07:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	43.10	peak	-0.27	42.83	74.00	100	115	-31.17	
*	7236.000	40.72	peak	4.64	45.36	74.00	100	40	-28.64	

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #3

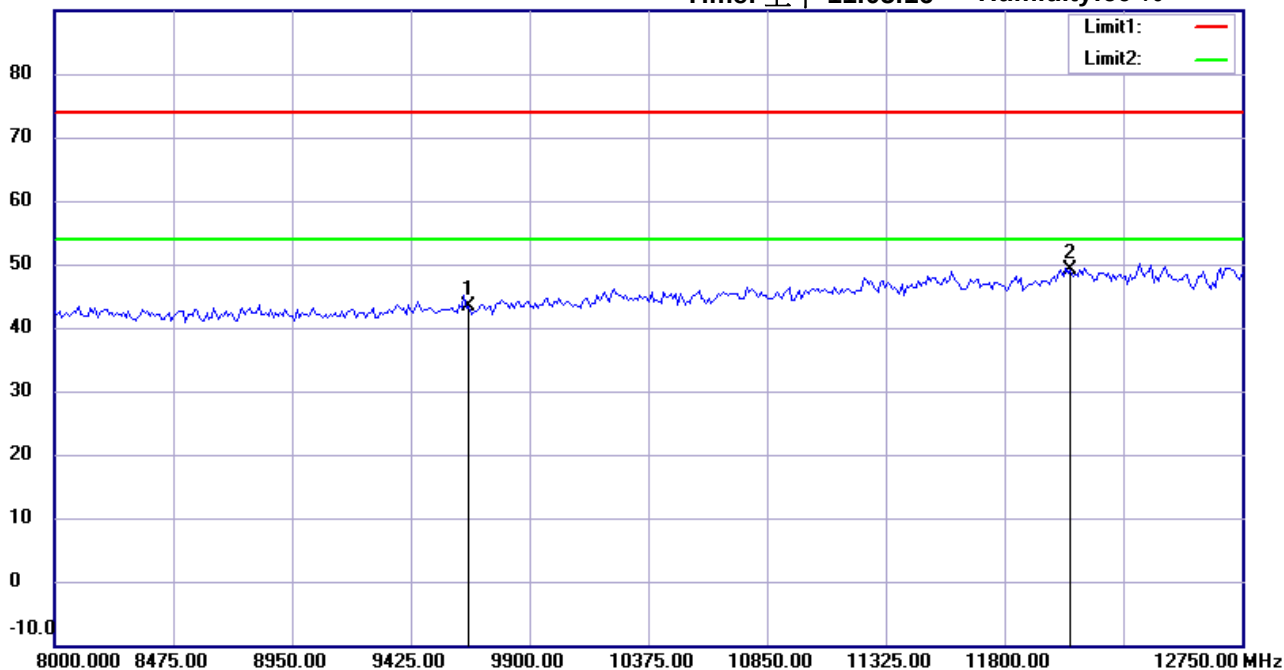
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 11:05:16

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	35.47	peak	7.81	43.28	74.00	100	245	-30.72	
*	12060.000	35.44	peak	13.67	49.11	74.00	100	80	-24.89	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

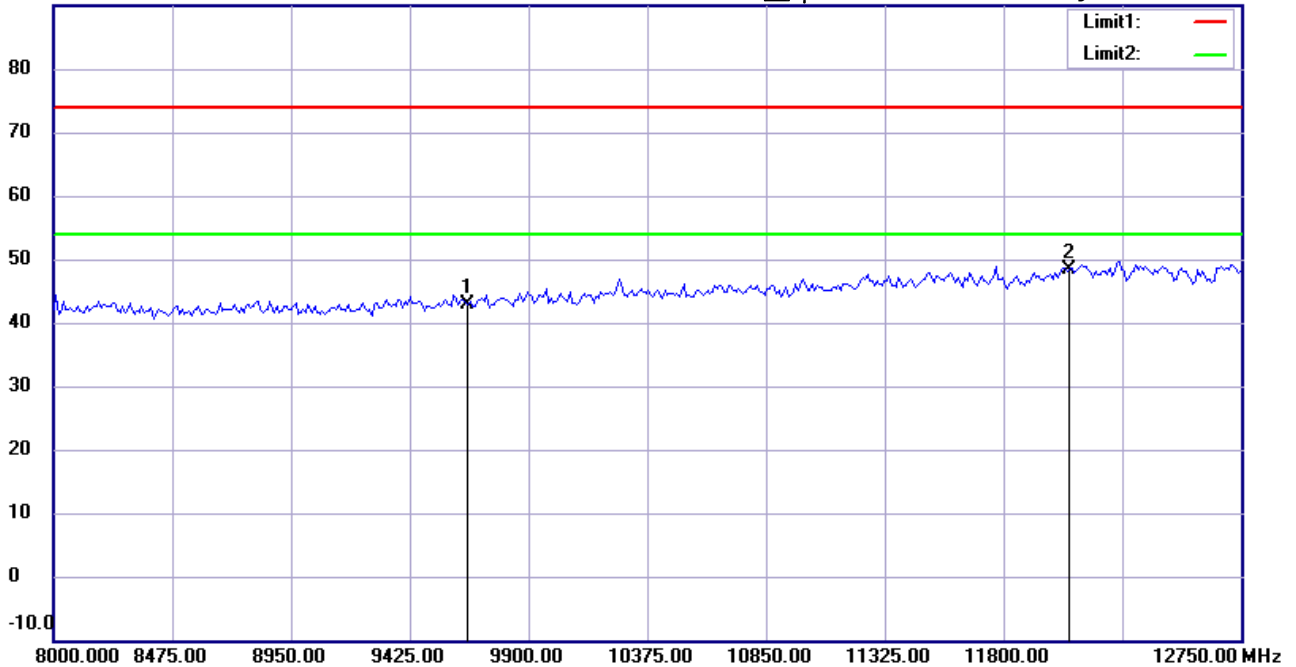
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:07:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	35.11	peak	7.81	42.92	74.00	100	215	-31.08	
*	12060.000	34.69	peak	13.67	48.36	74.00	100	55	-25.64	

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #4

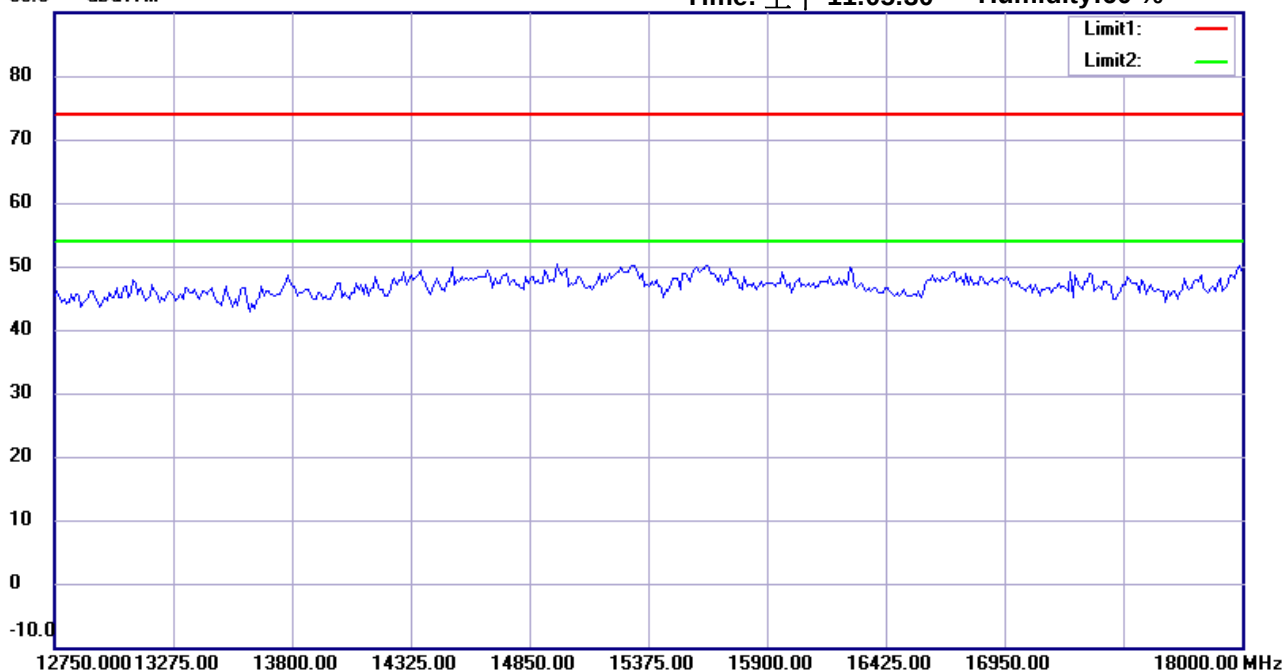
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 11:05:30

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Horizontal

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#9

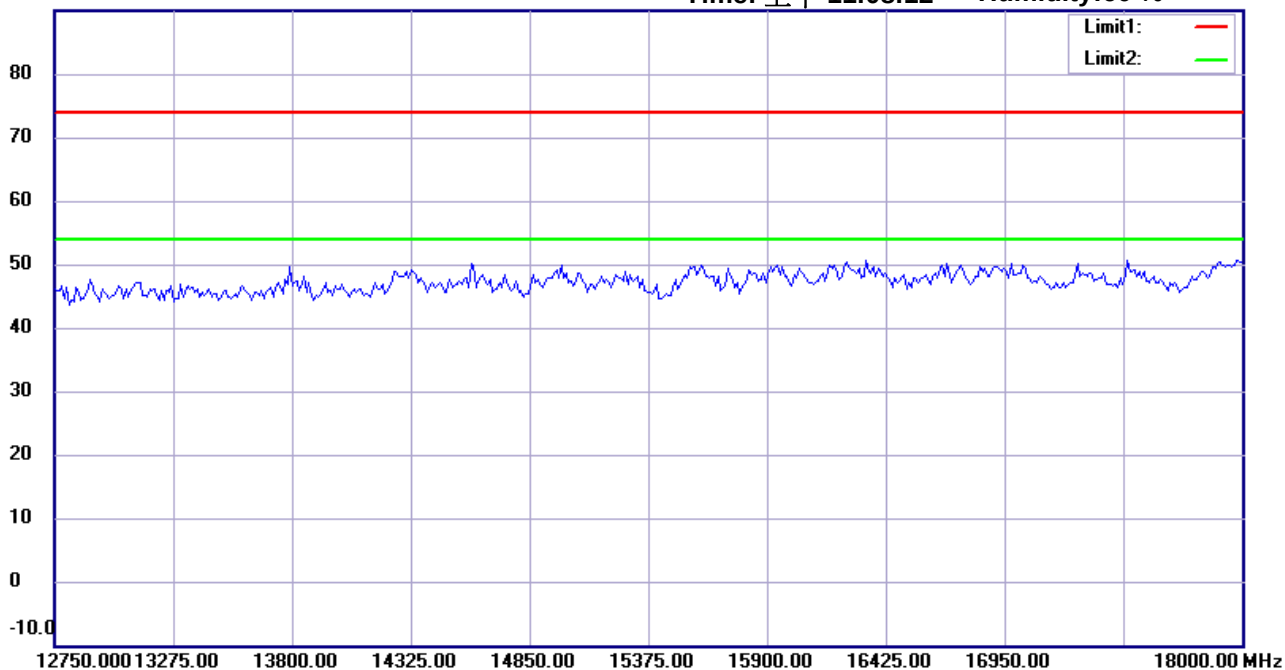
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:08:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #5

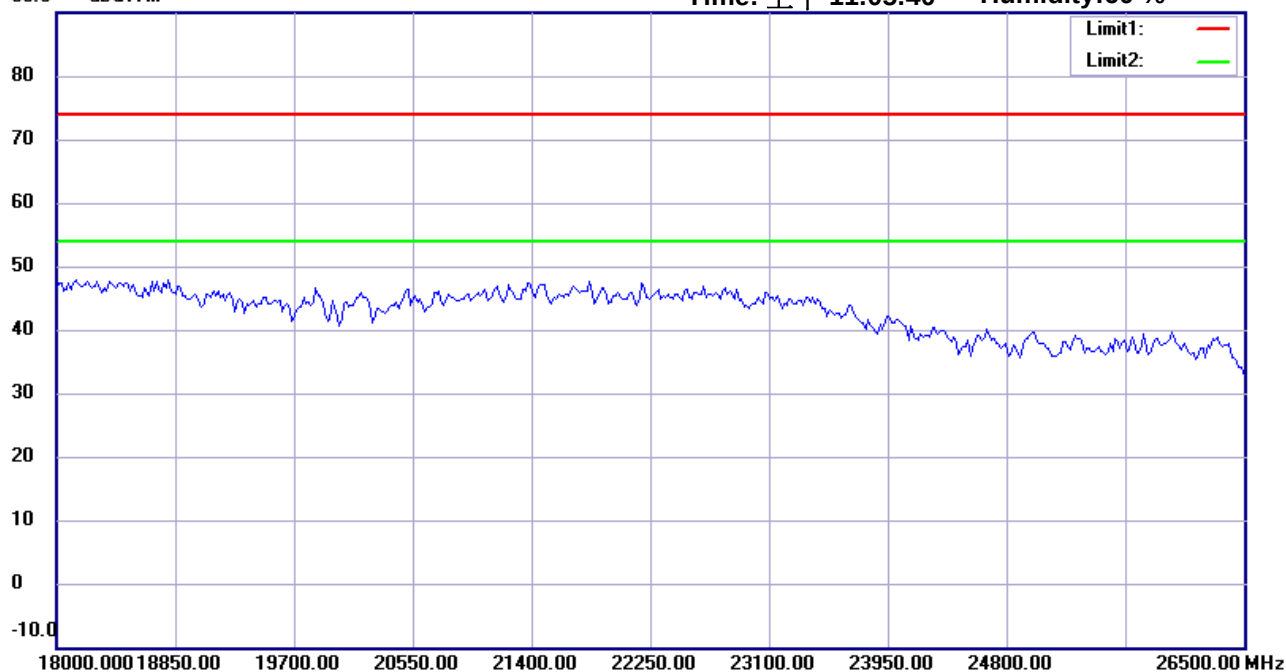
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 11:05:40

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#10

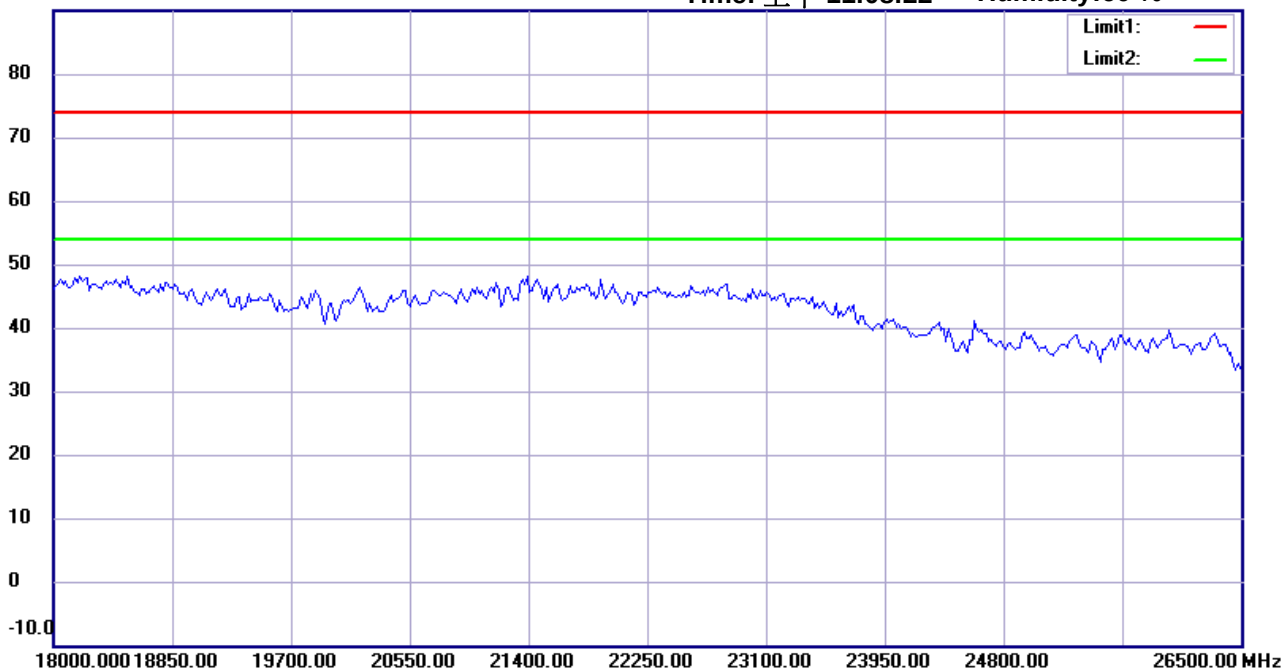
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:08:22

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :1

Data :#1

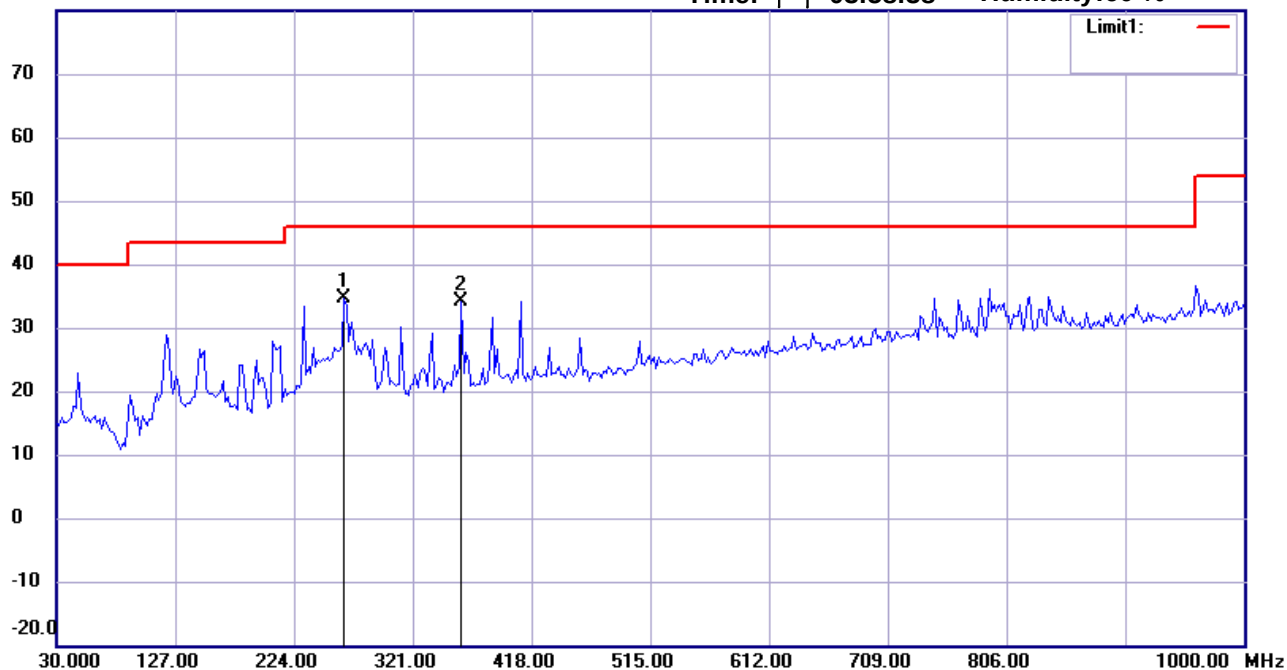
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:58:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	265.2102	19.92	peak	14.76	34.68	46.00	100	95	-11.32	
	360.4607	16.53	peak	17.53	34.06	46.00	100	180	-11.94	

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

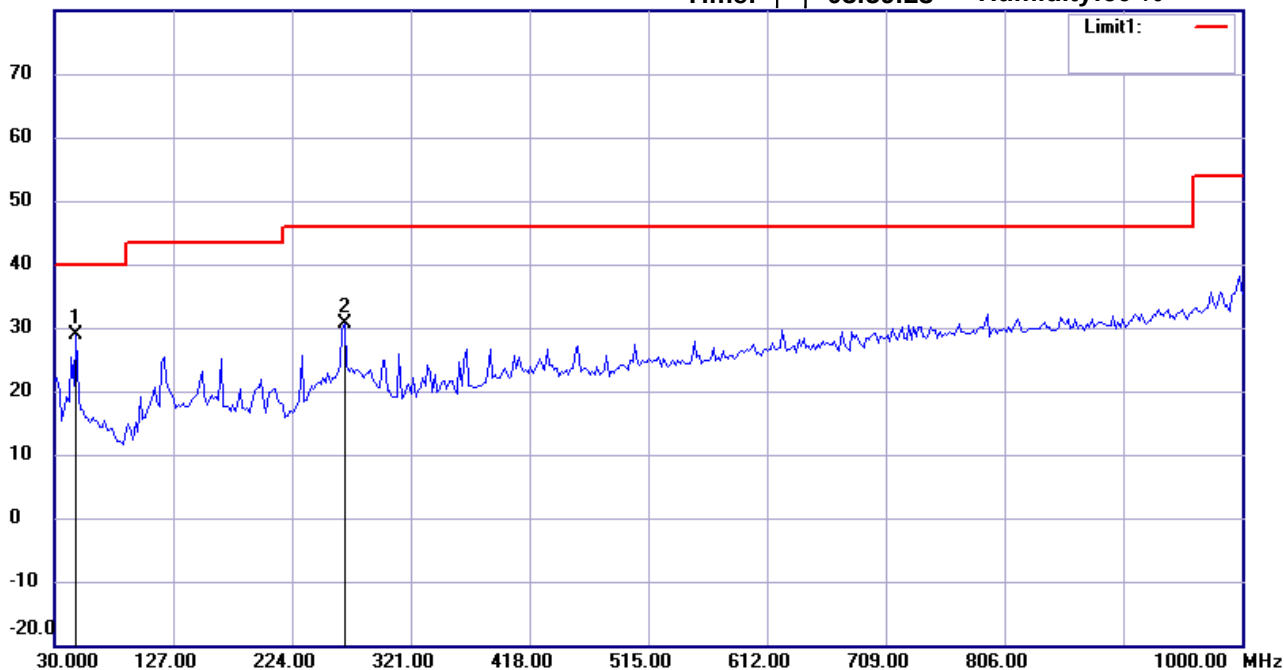
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:59:23

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	14.79	peak	14.09	28.88	40.00	100	220	-11.12	
	267.1543	15.73	peak	14.84	30.57	46.00	100	175	-15.43	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

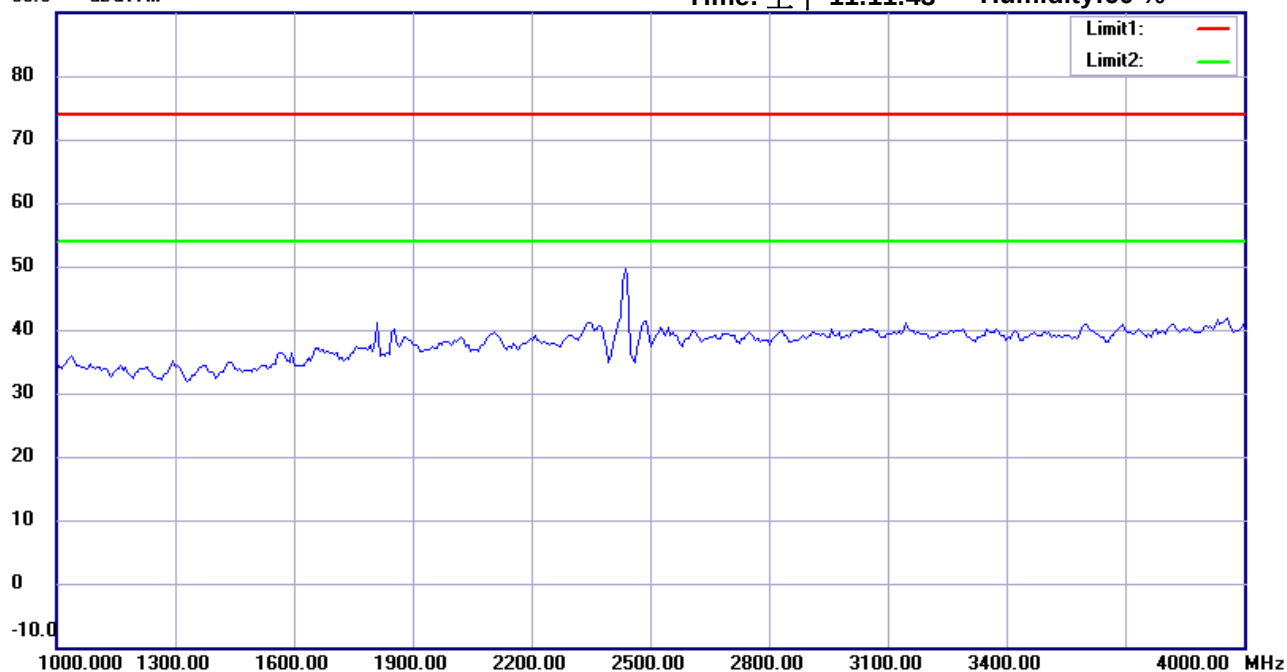
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:11:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

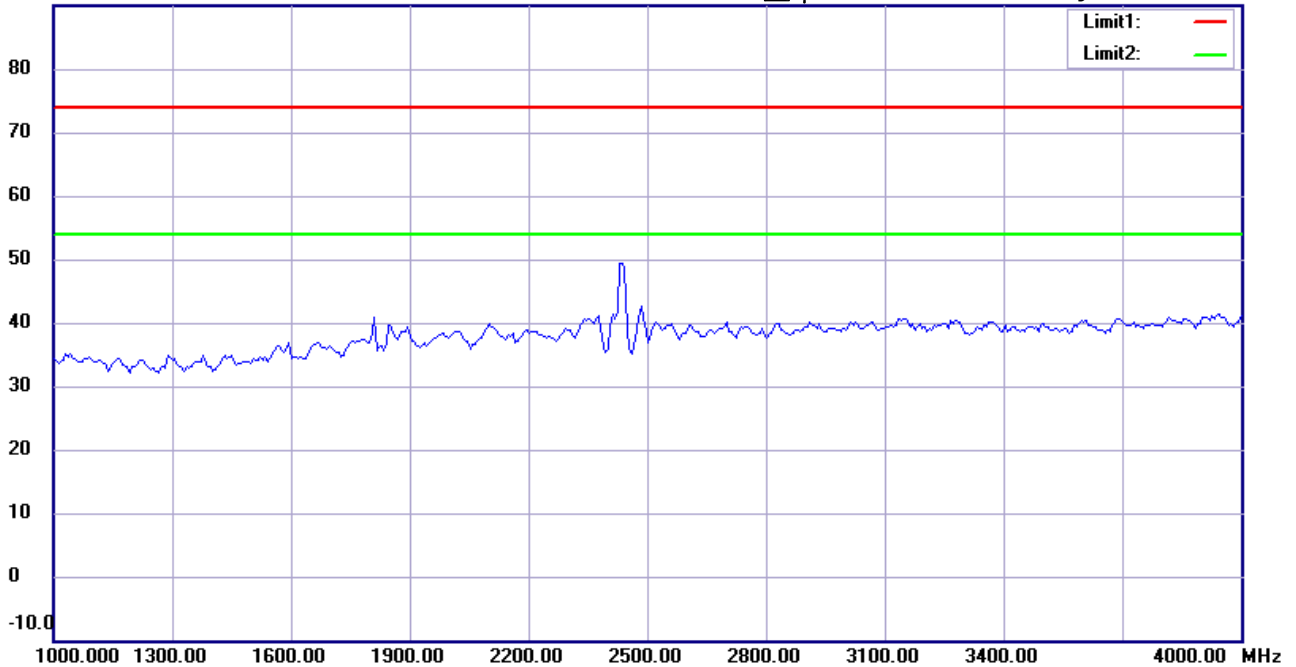
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:14:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

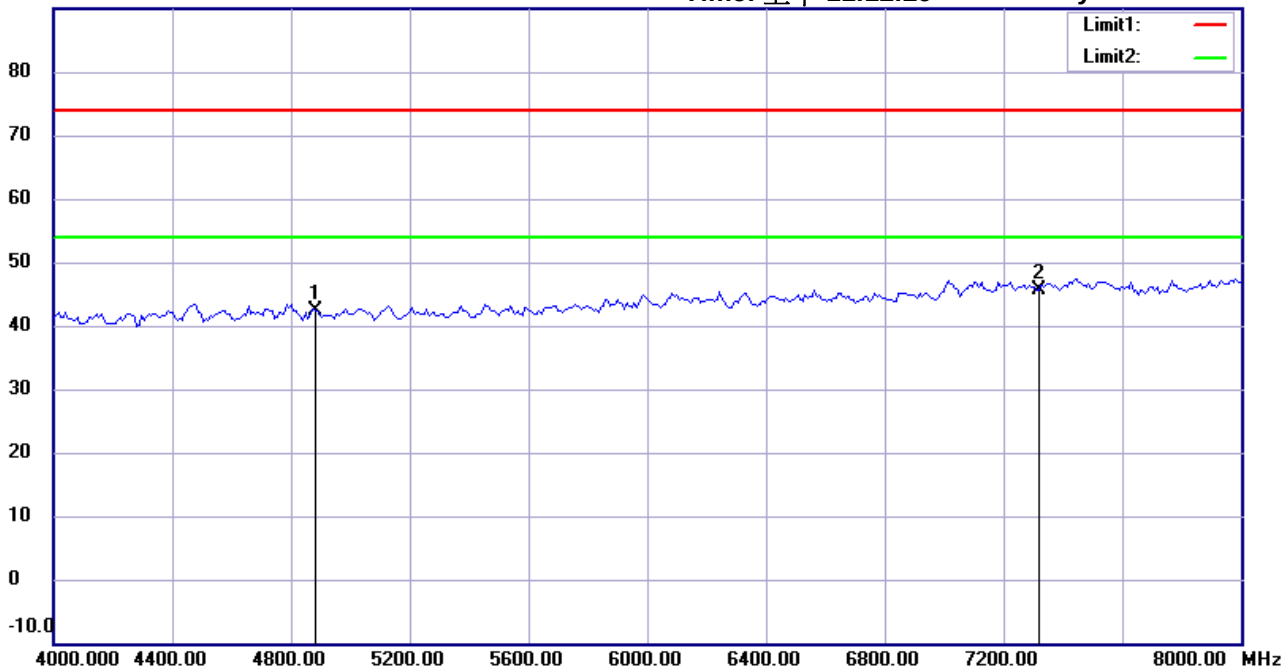
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:12:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.50	peak	-0.17	42.33	74.00	100	285	-31.67	
*	7311.000	40.90	peak	4.77	45.67	74.00	100	75	-28.33	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

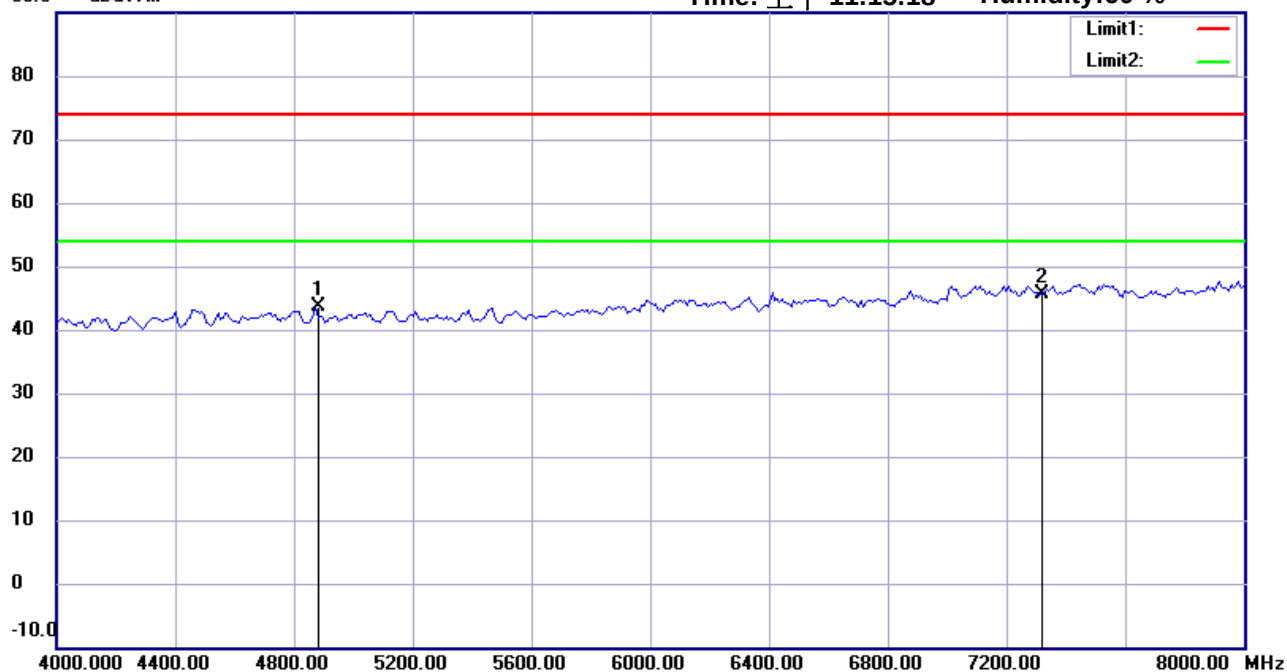
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:15:18

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4873.748	43.82	peak	-0.17	43.65	74.00	100	85	-30.35	
*	7311.000	40.95	peak	4.77	45.72	74.00	100	290	-28.28	

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



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

Operator: Roy

File :3

Data :#3

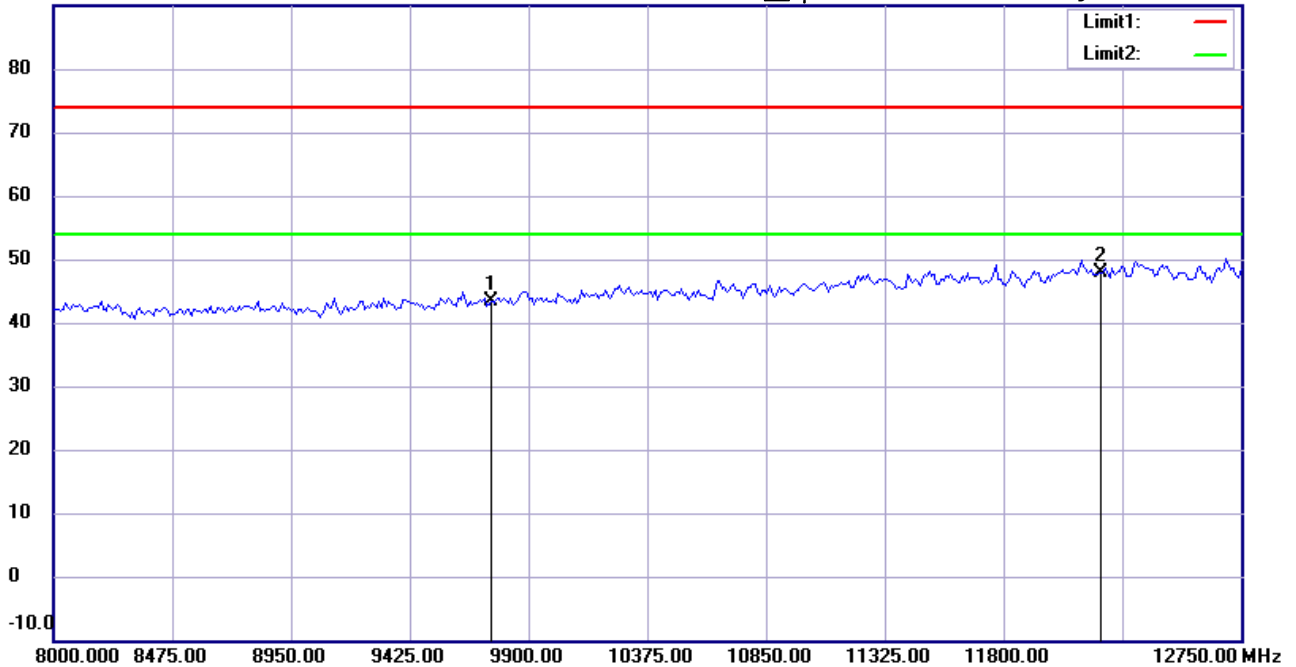
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:13:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	35.59	peak	7.79	43.38	74.00	100	110	-30.62	
*	12185.000	33.71	peak	14.28	47.99	74.00	100	40	-26.01	

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



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

Operator: Roy

File :3

Data :#8

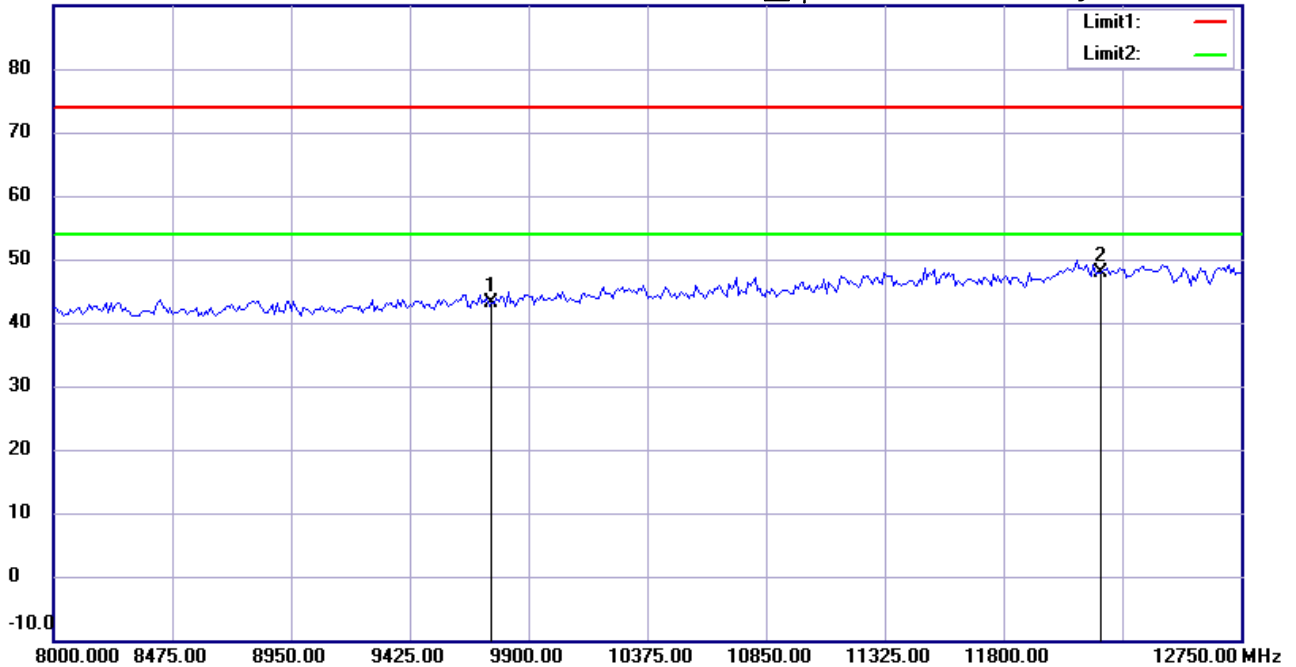
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:16:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	35.36	peak	7.79	43.15	74.00	100	255	-30.85	
*	12185.000	33.52	peak	14.28	47.80	74.00	100	130	-26.20	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

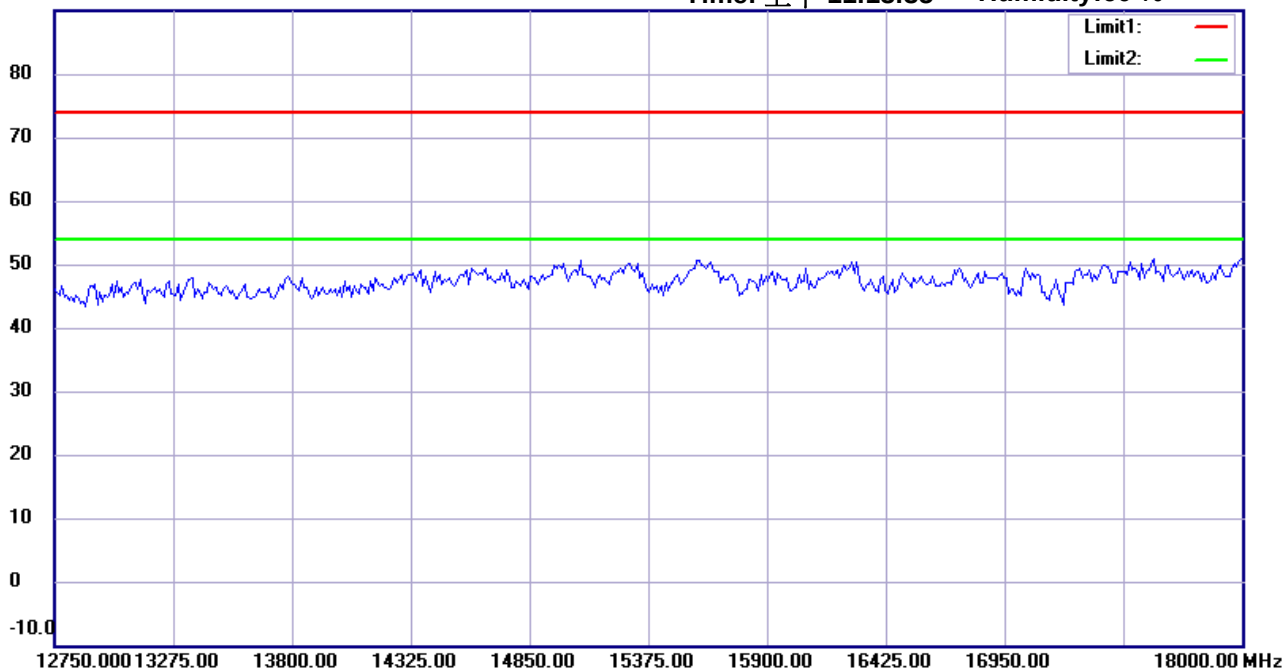
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:13:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#9

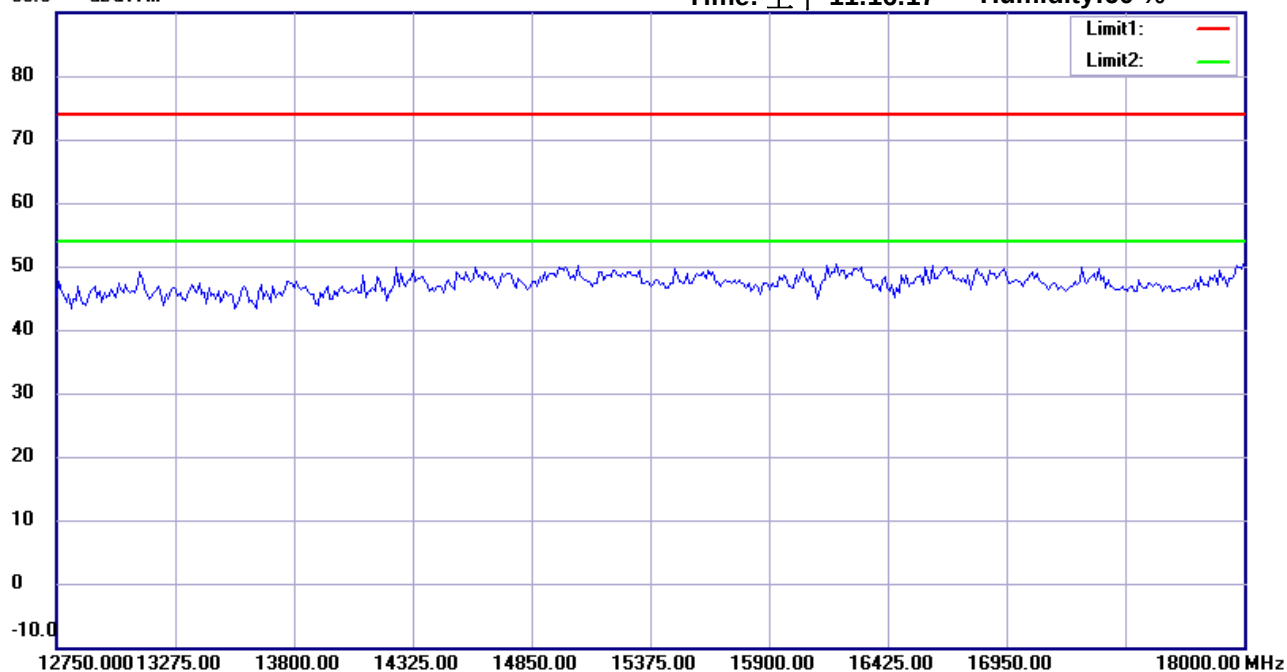
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:16:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

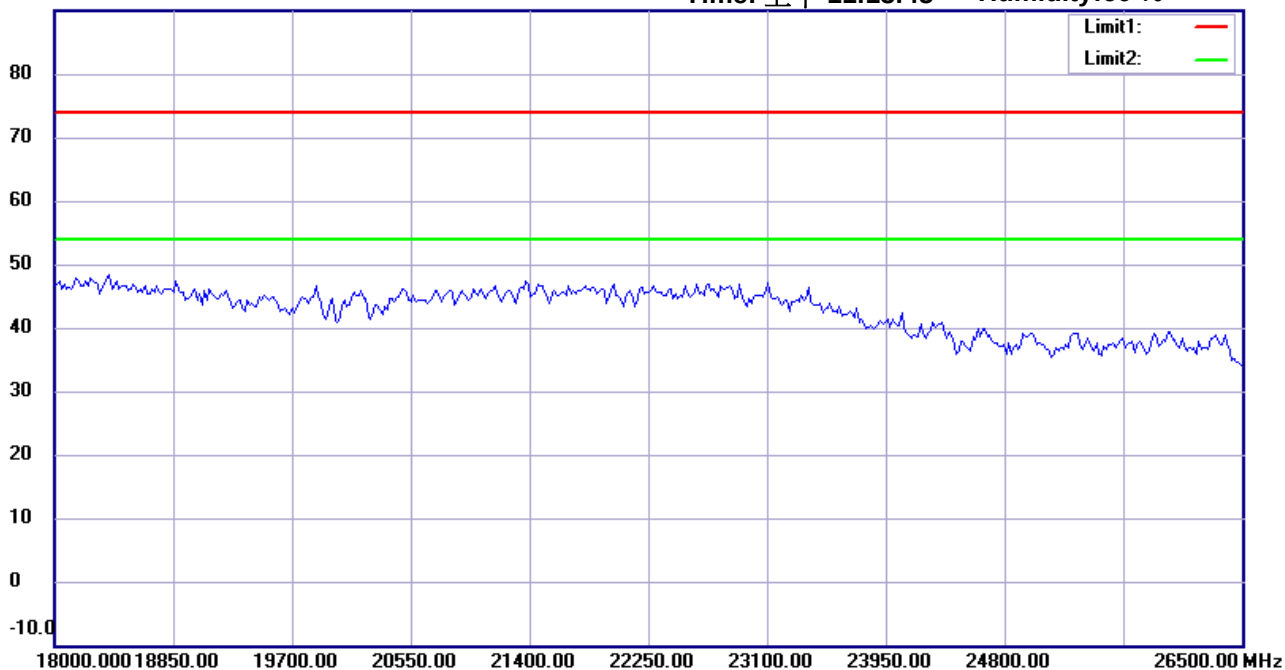
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:13:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

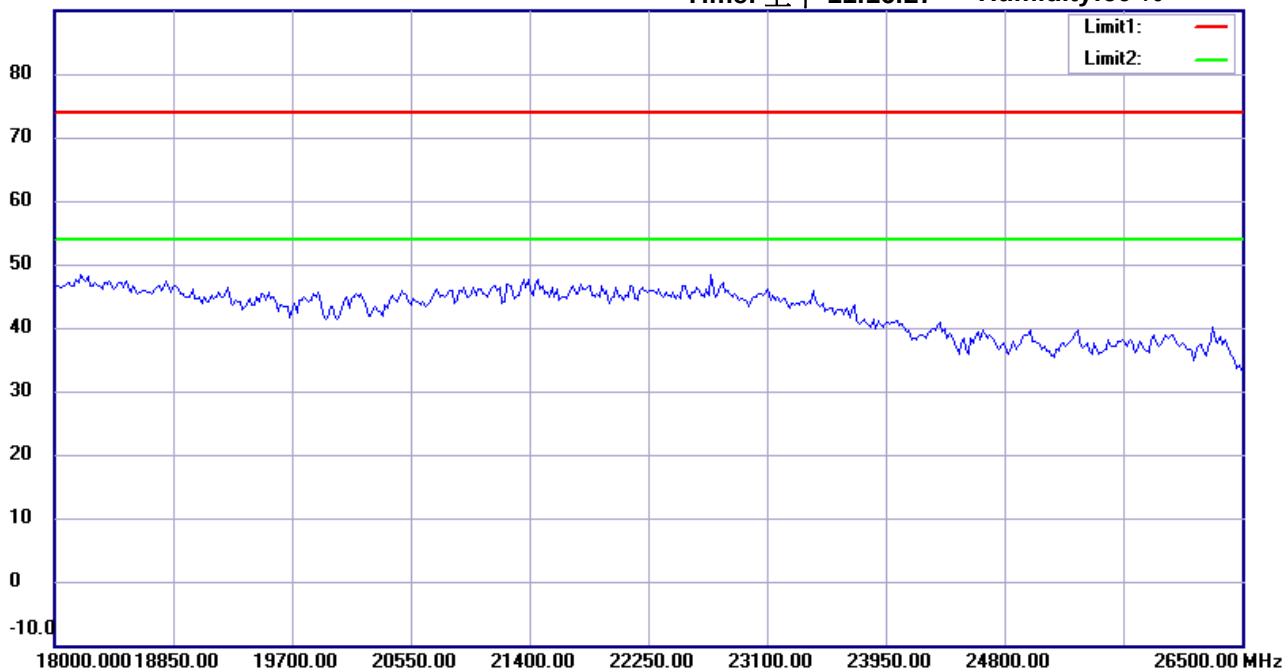
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:16:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

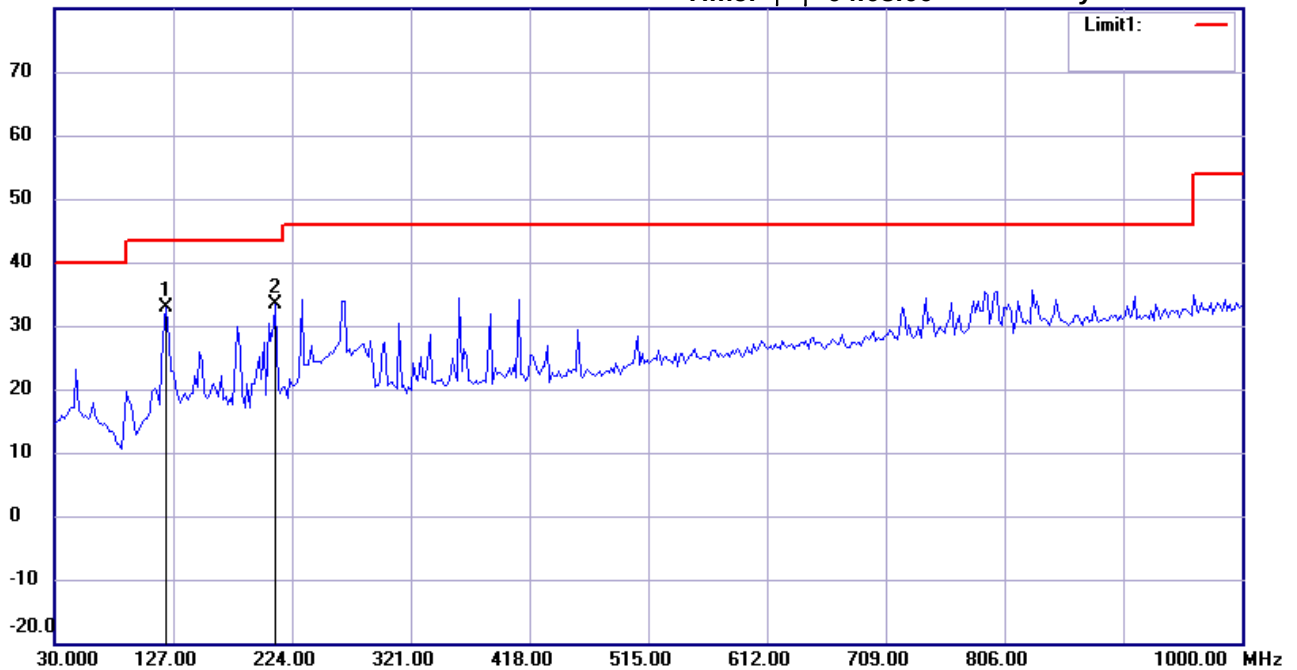
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:03:00

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	121.3627	19.20	peak	13.79	32.99	43.50	100	35	-10.51	
*	210.7815	20.65	peak	12.65	33.30	43.50	100	170	-10.20	

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

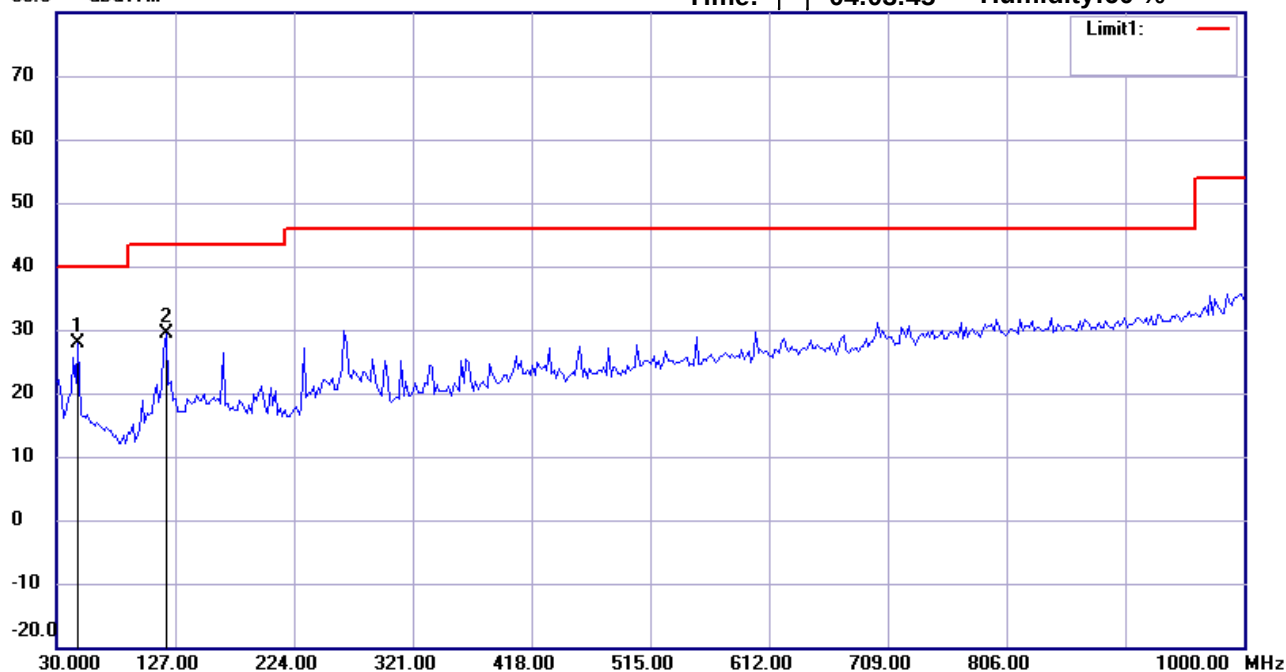
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:03:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.75	peak	14.09	27.84	40.00	100	210	-12.16	
	119.4188	15.83	peak	13.62	29.45	43.50	100	160	-14.05	

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



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

Operator: Roy

File :3

Data :#1

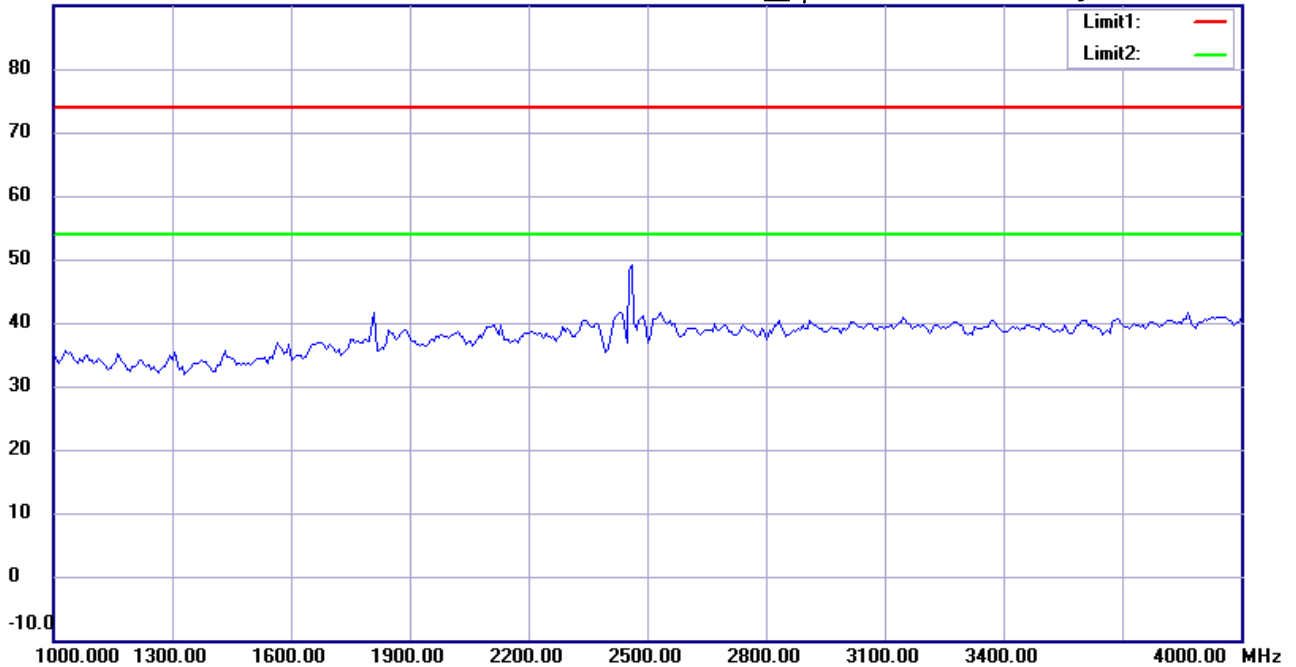
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:19:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#6

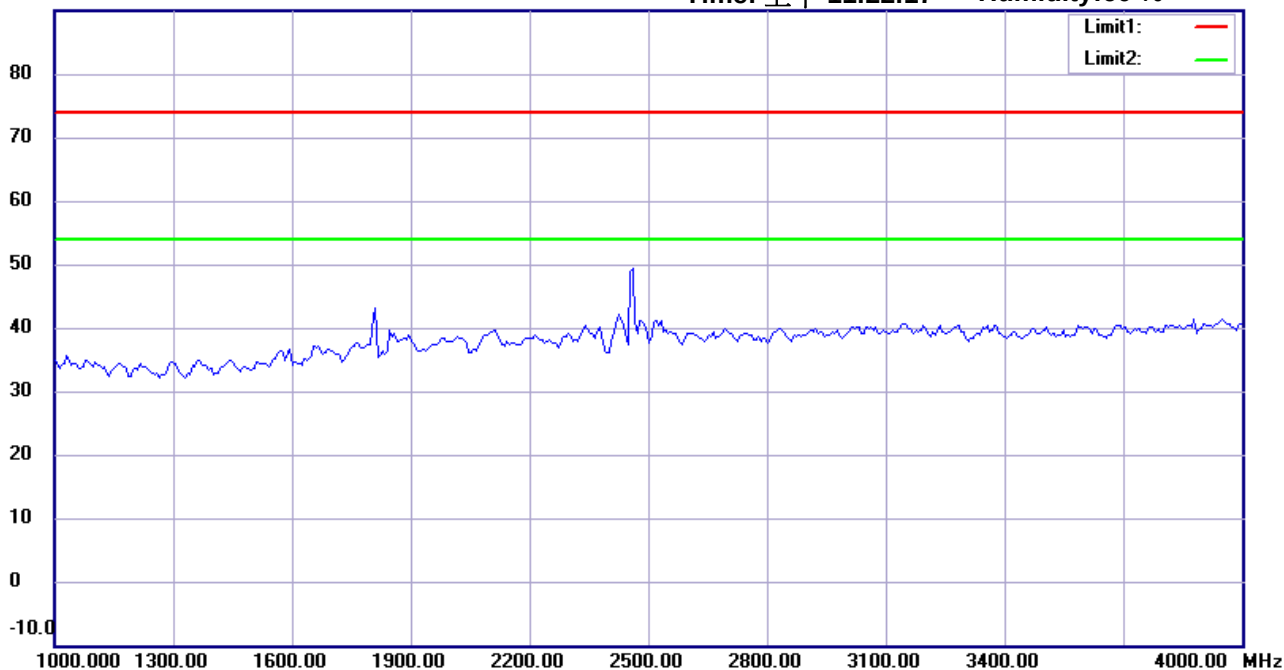
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:22:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #2

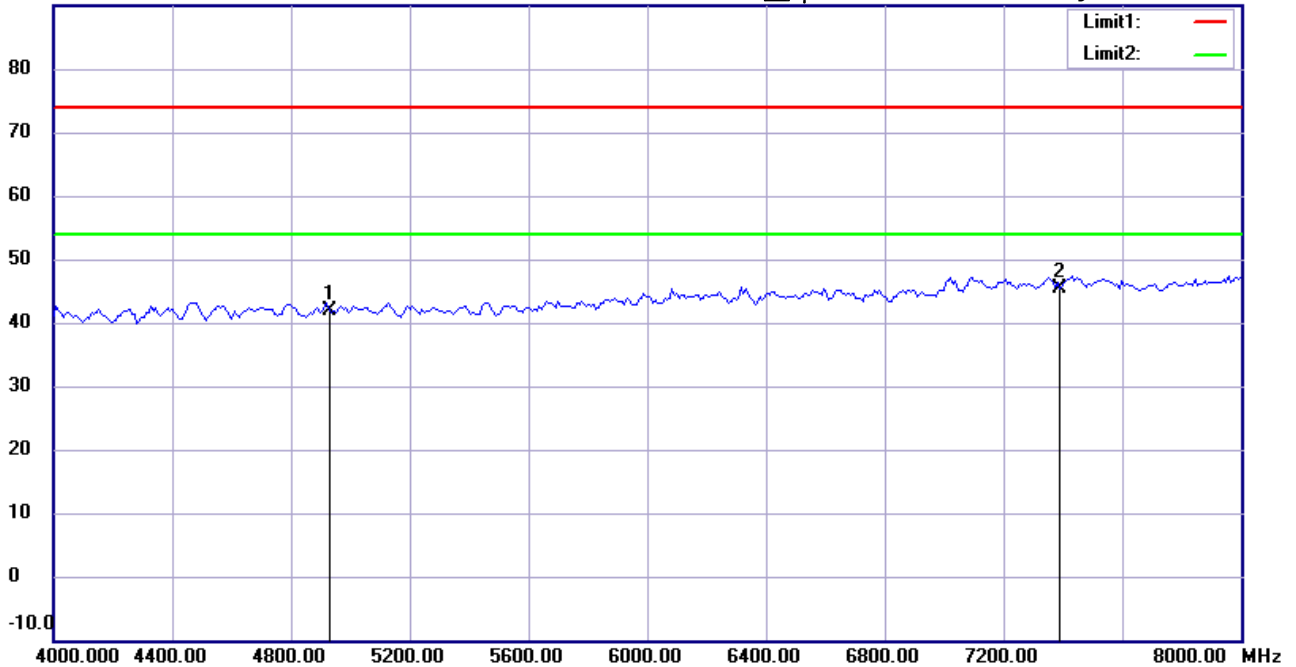
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 11:20:15

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	41.96	peak	0.02	41.98	74.00	100	305	-32.02	
*	7386.000	40.04	peak	5.25	45.29	74.00	100	260	-28.71	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

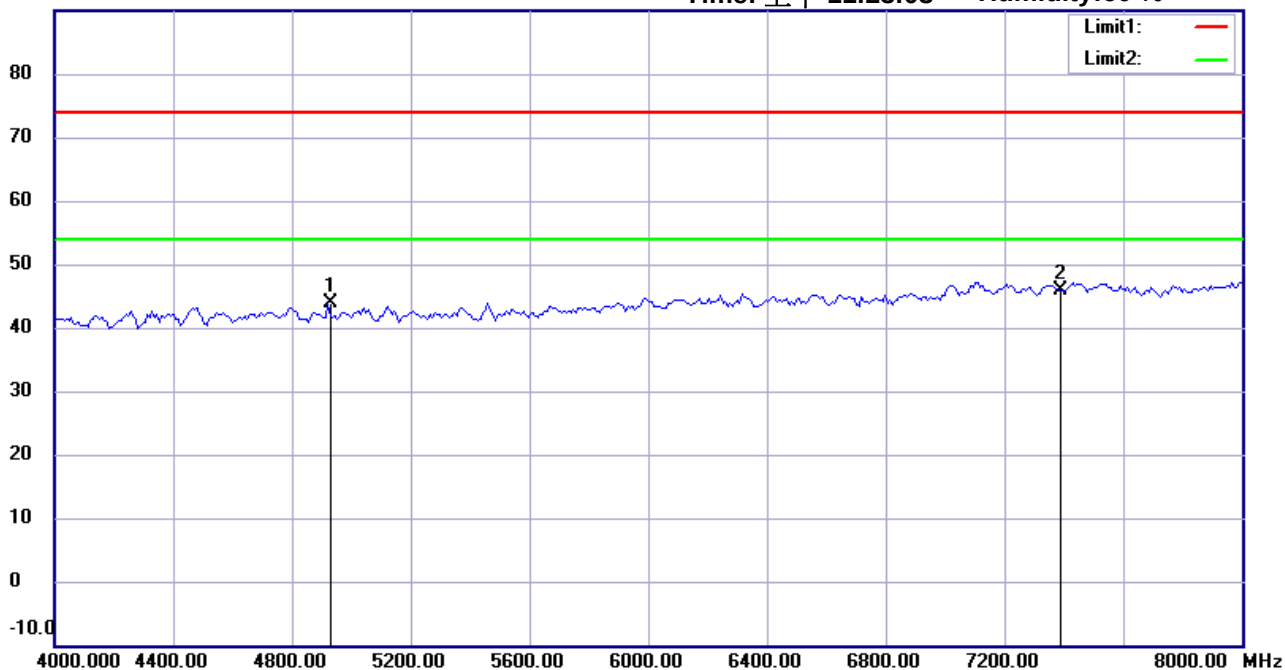
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:23:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4921.844	43.94	peak	0.01	43.95	74.00	100	160	-30.05	
*	7386.000	40.67	peak	5.25	45.92	74.00	100	215	-28.08	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

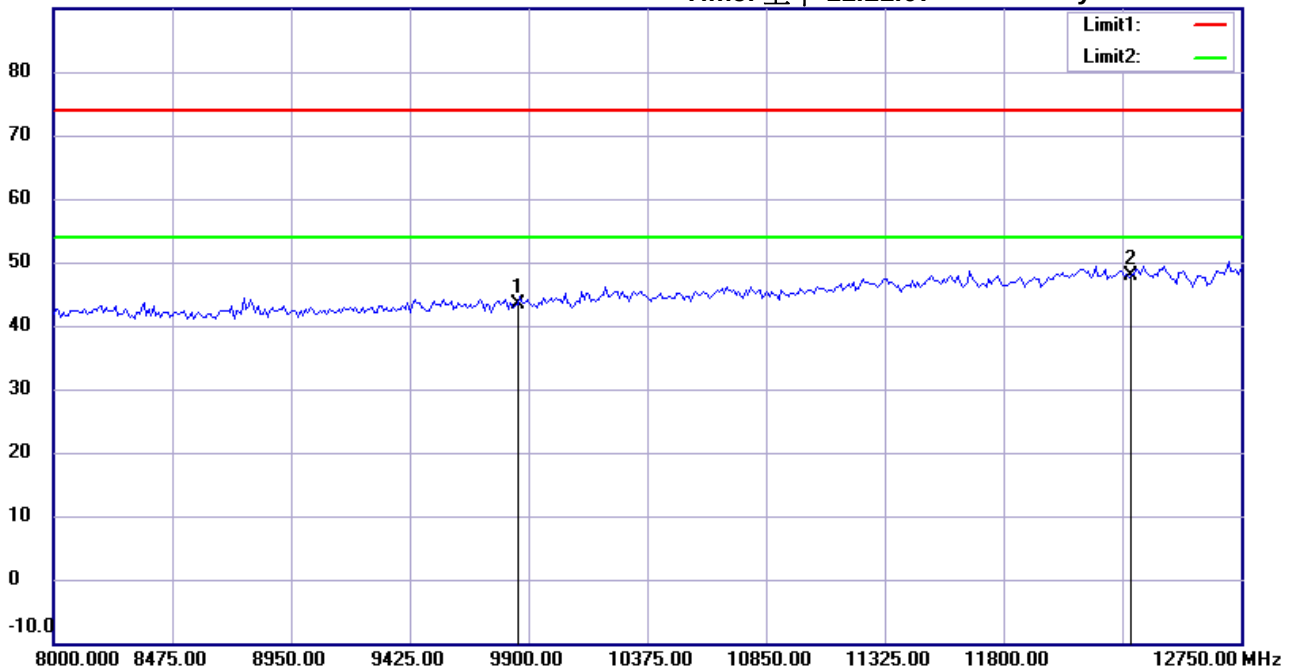
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:21:07

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.34	peak	7.98	43.32	74.00	100	170	-30.68	
*	12310.000	34.21	peak	13.69	47.90	74.00	100	115	-26.10	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

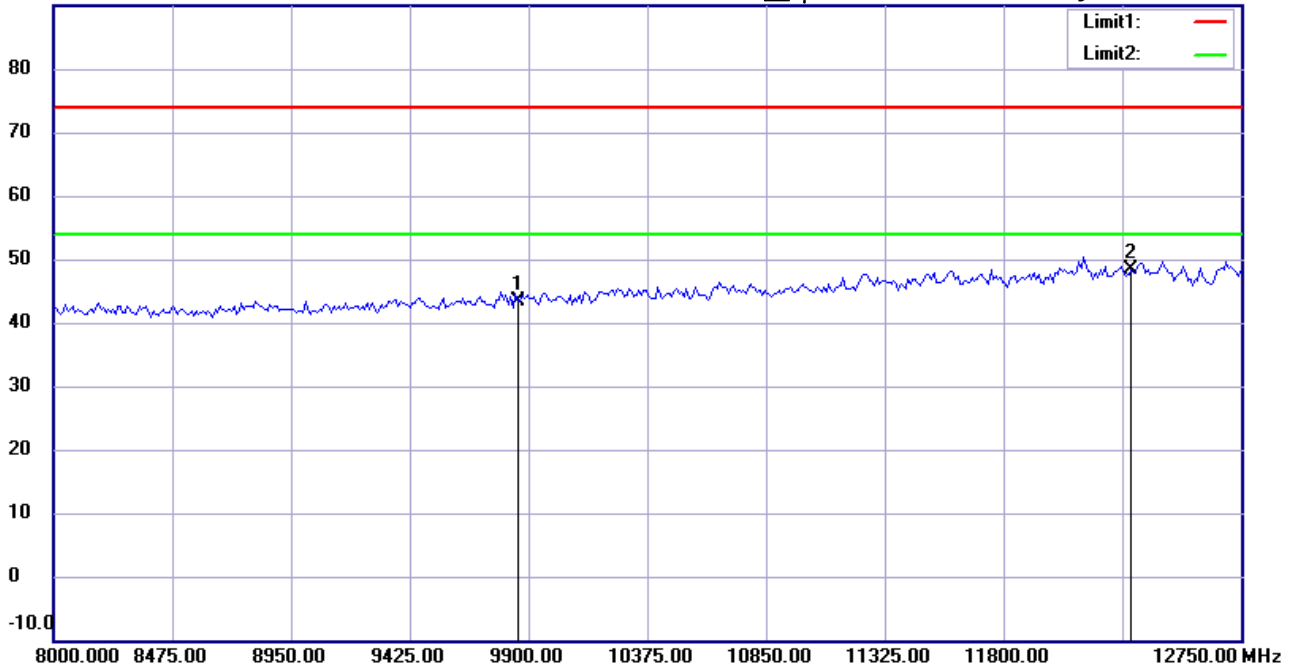
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:23:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.42	peak	7.98	43.40	74.00	100	265	-30.60	
*	12310.000	34.60	peak	13.69	48.29	74.00	100	70	-25.71	

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



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

Operator: Roy

File :3

Data :#4

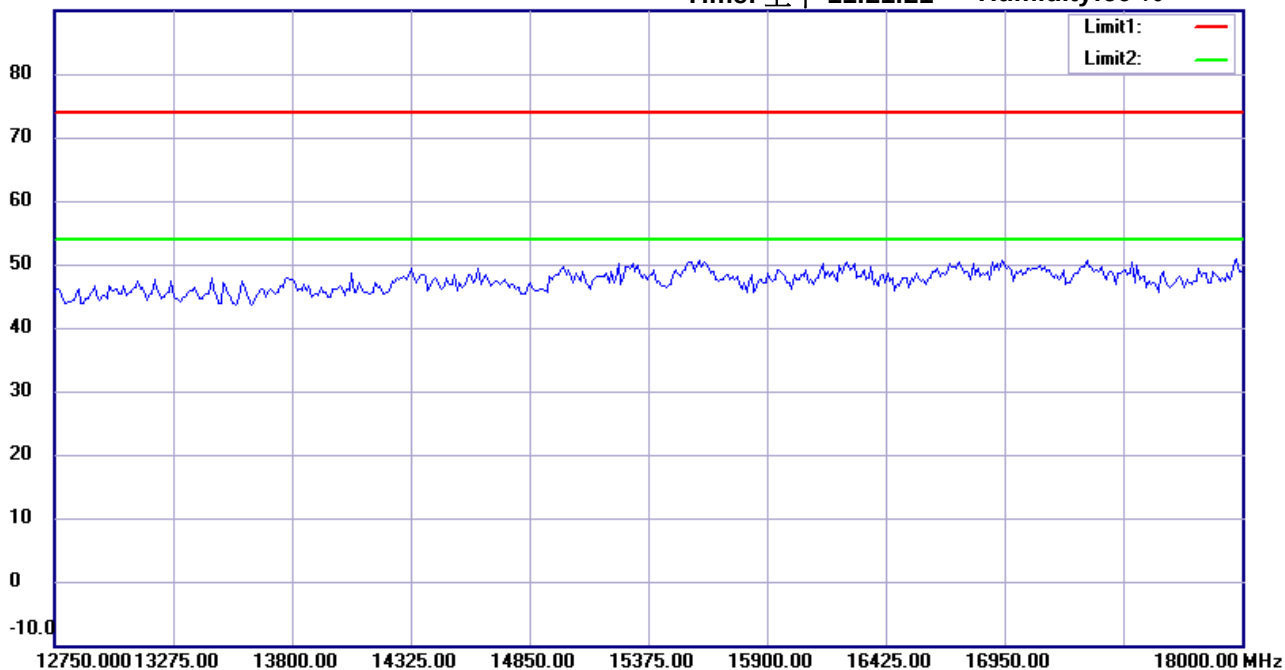
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:21:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

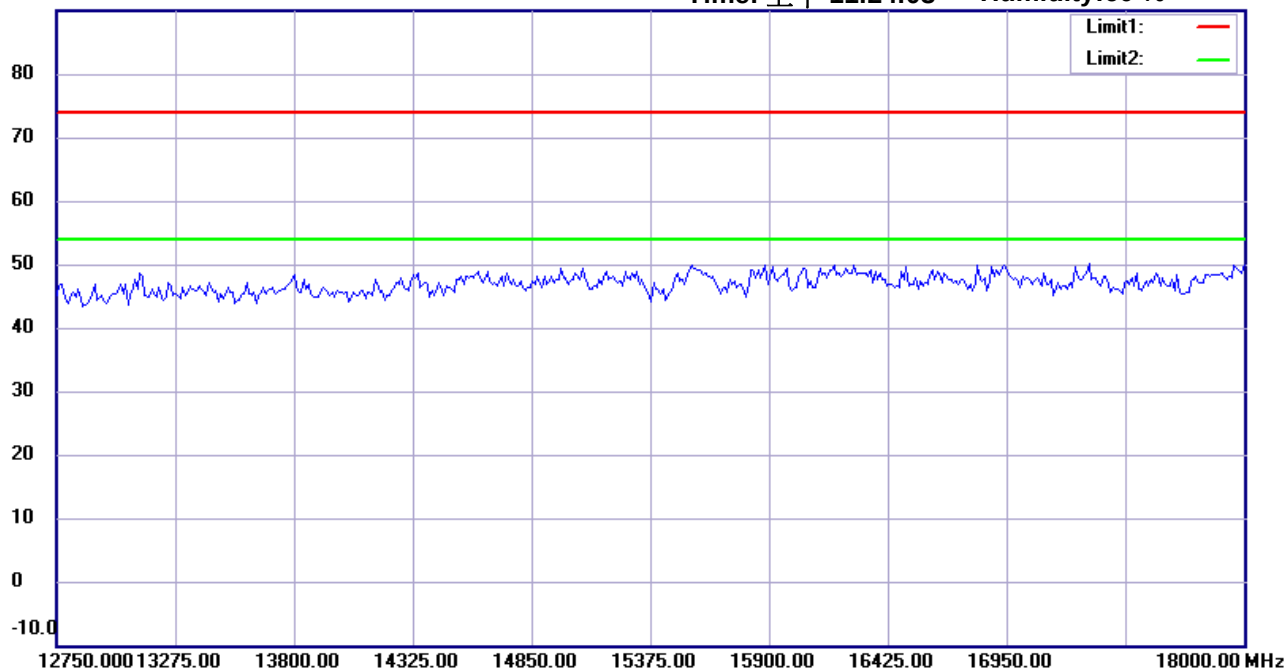
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:24:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#5

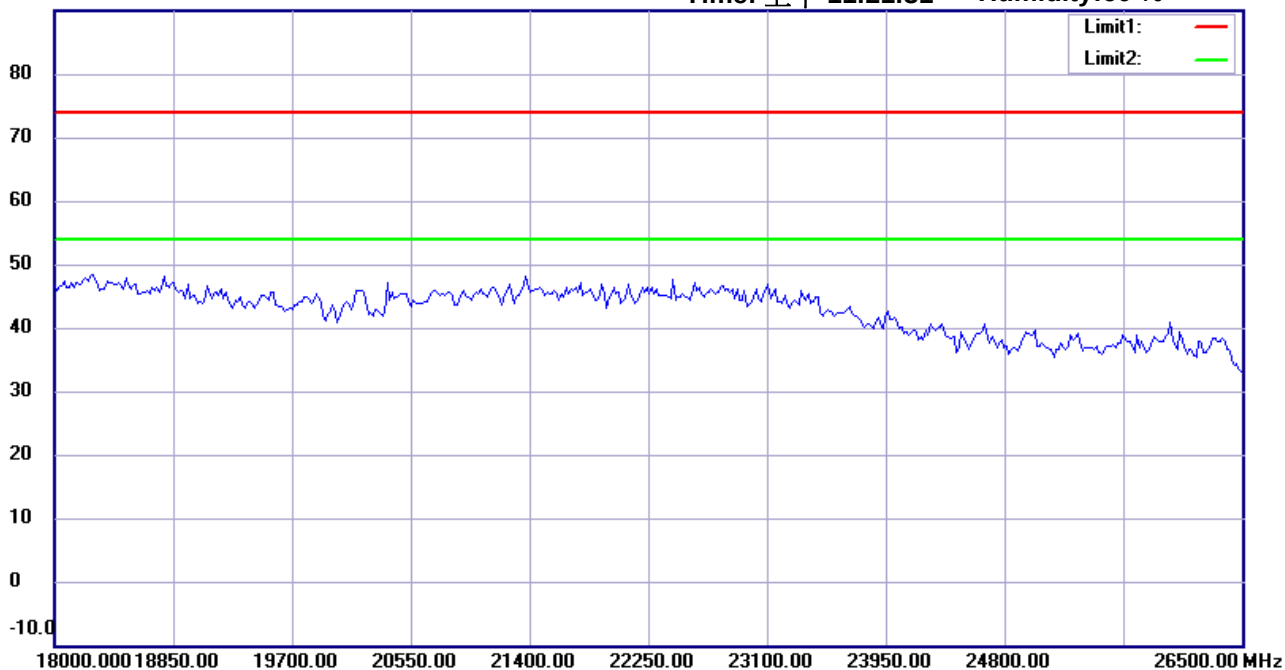
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:21:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#10

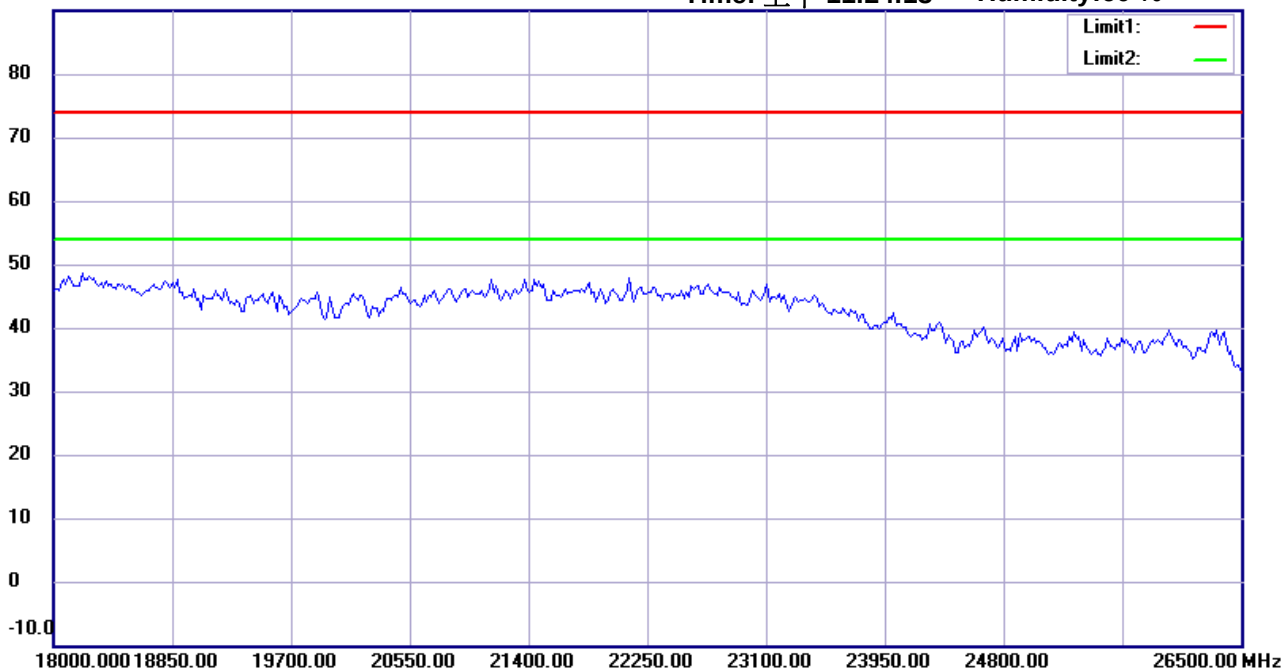
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:24:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

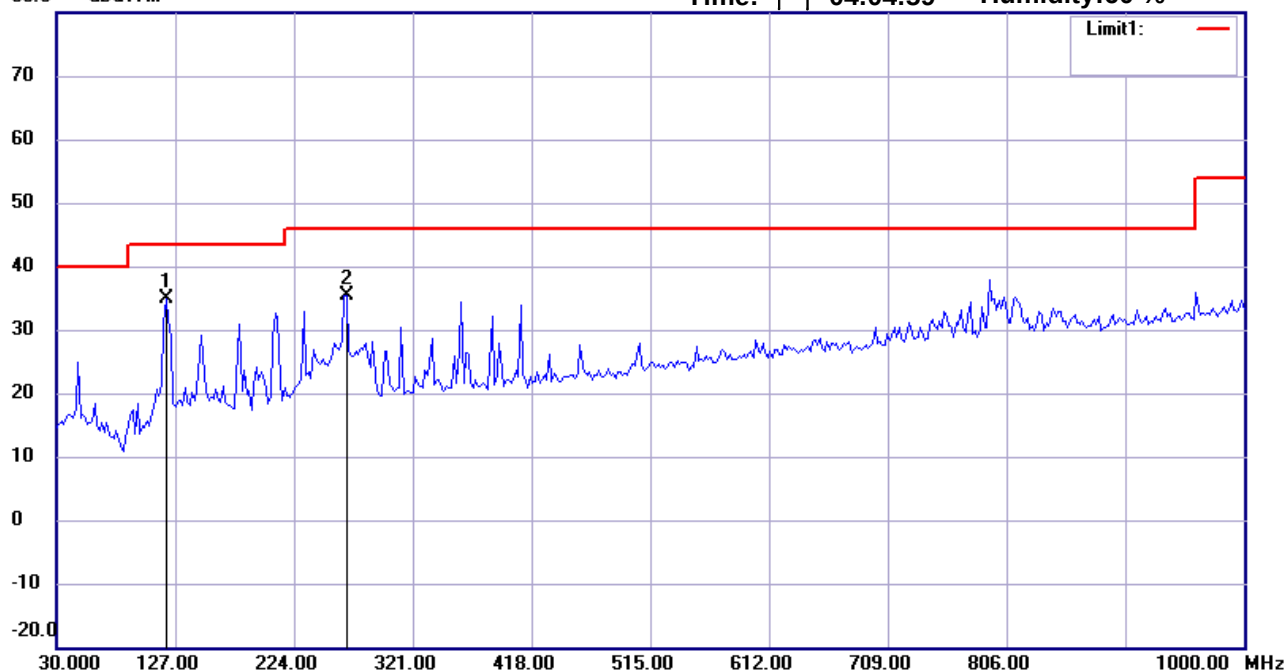
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:04:59

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	21.35	peak	13.62	34.97	43.50	100	50	-8.53	
	267.1542	20.61	peak	14.84	35.45	46.00	100	75	-10.55	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

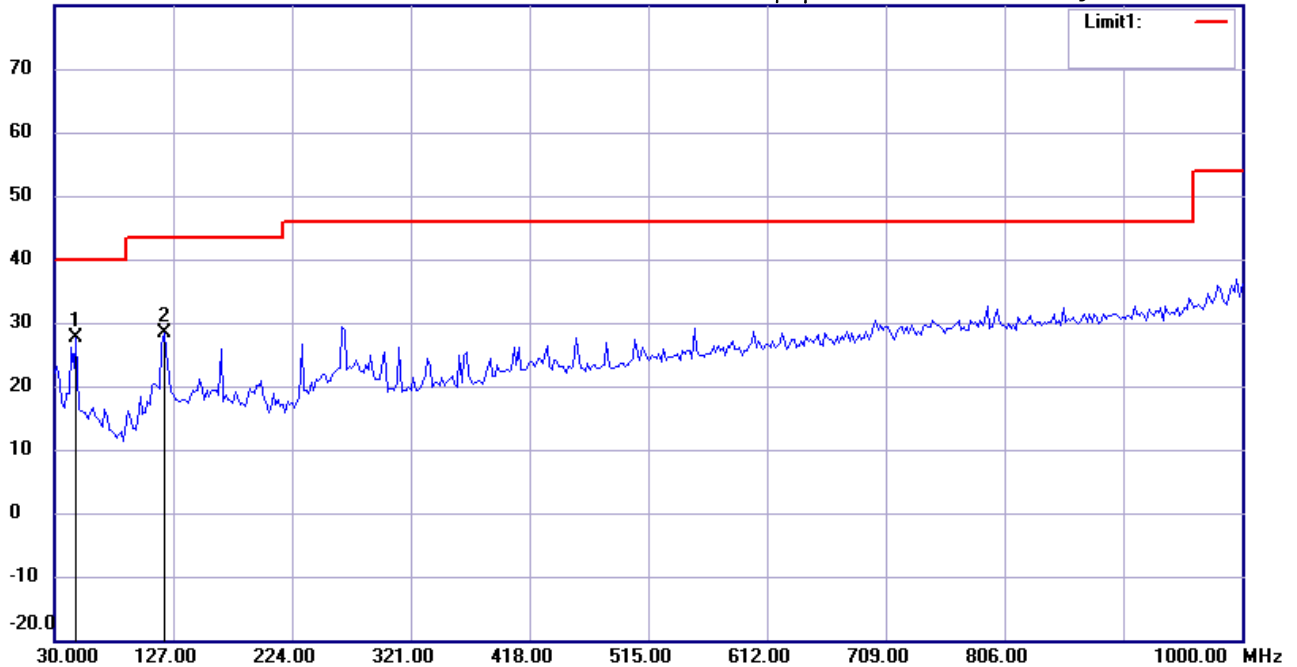
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:05:44

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.58	peak	14.09	27.67	40.00	100	215	-12.33	
	119.4188	14.66	peak	13.62	28.28	43.50	100	130	-15.22	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

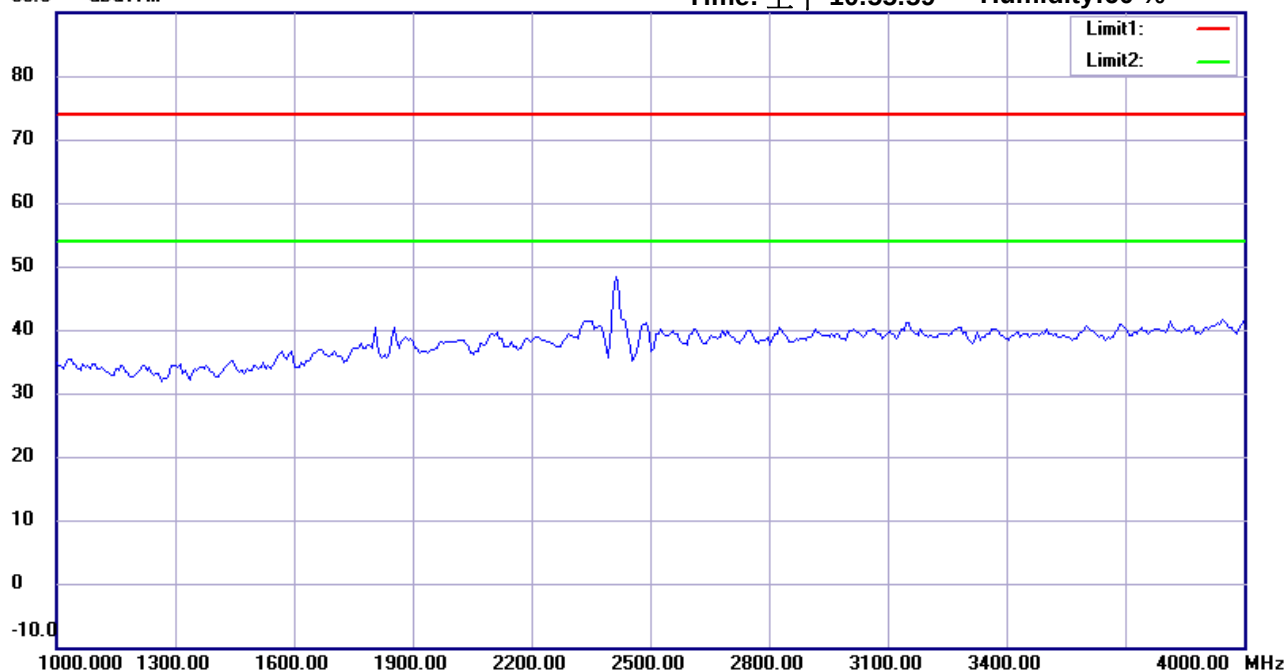
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:55:59

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

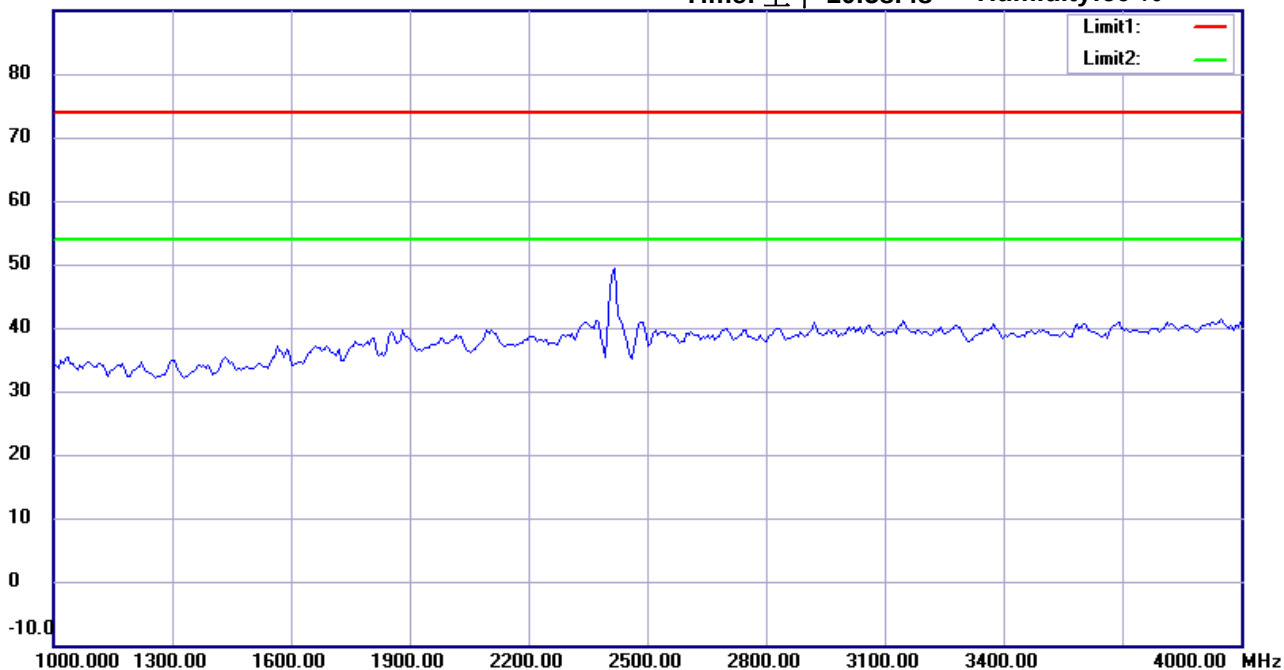
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:58:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Operator: Roy

File : 3

Data : #2

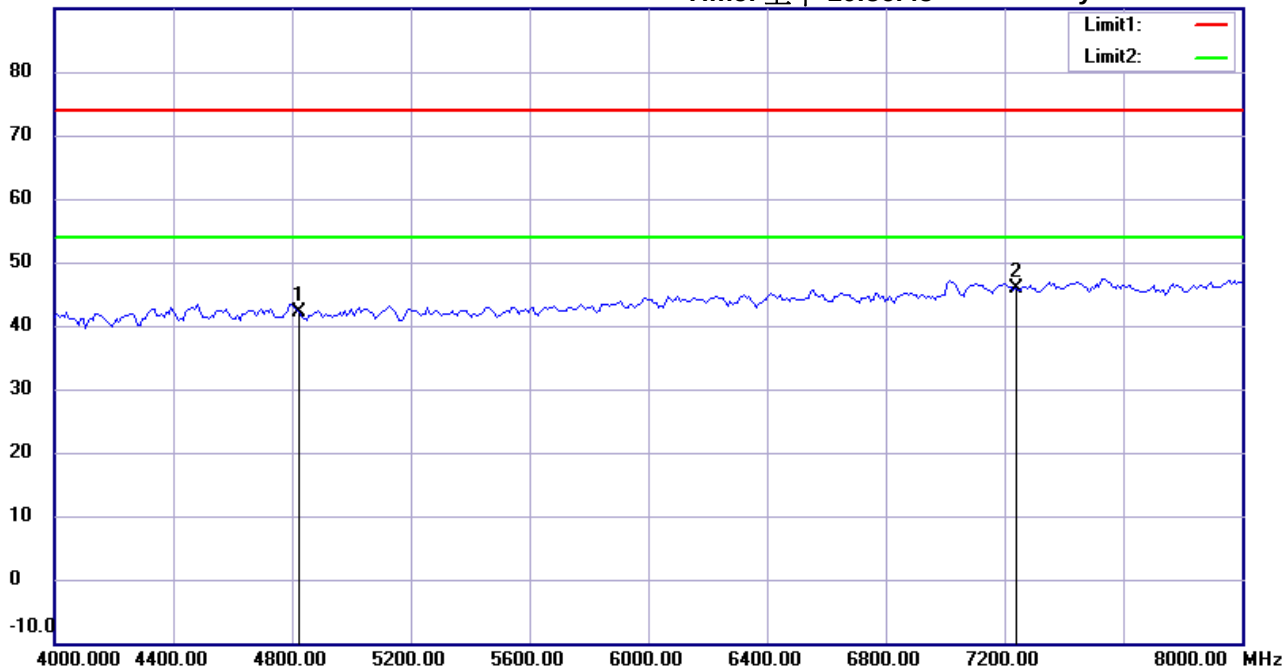
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:56:45

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	42.47	peak	-0.27	42.20	74.00	100	310	-31.80	
*	7236.000	41.16	peak	4.64	45.80	74.00	100	65	-28.20	

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #7

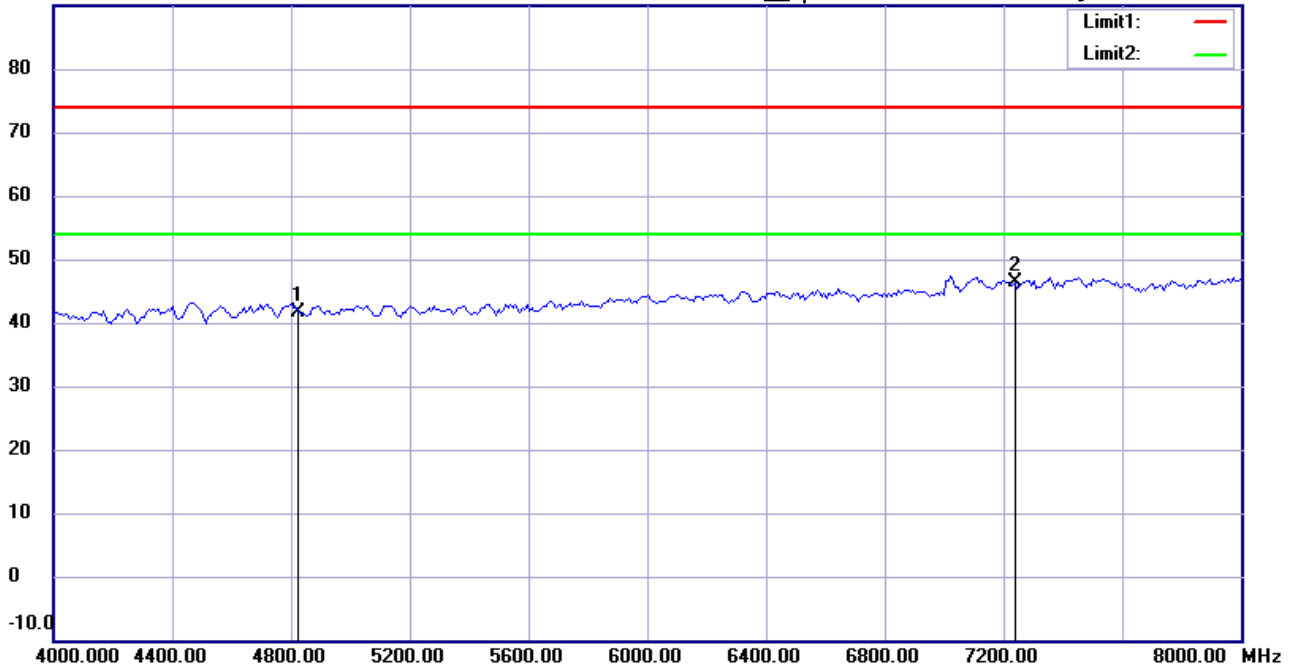
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:59:34

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	41.98	peak	-0.27	41.71	74.00	100	220	-32.29	
*	7236.000	41.77	peak	4.64	46.41	74.00	100	55	-27.59	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

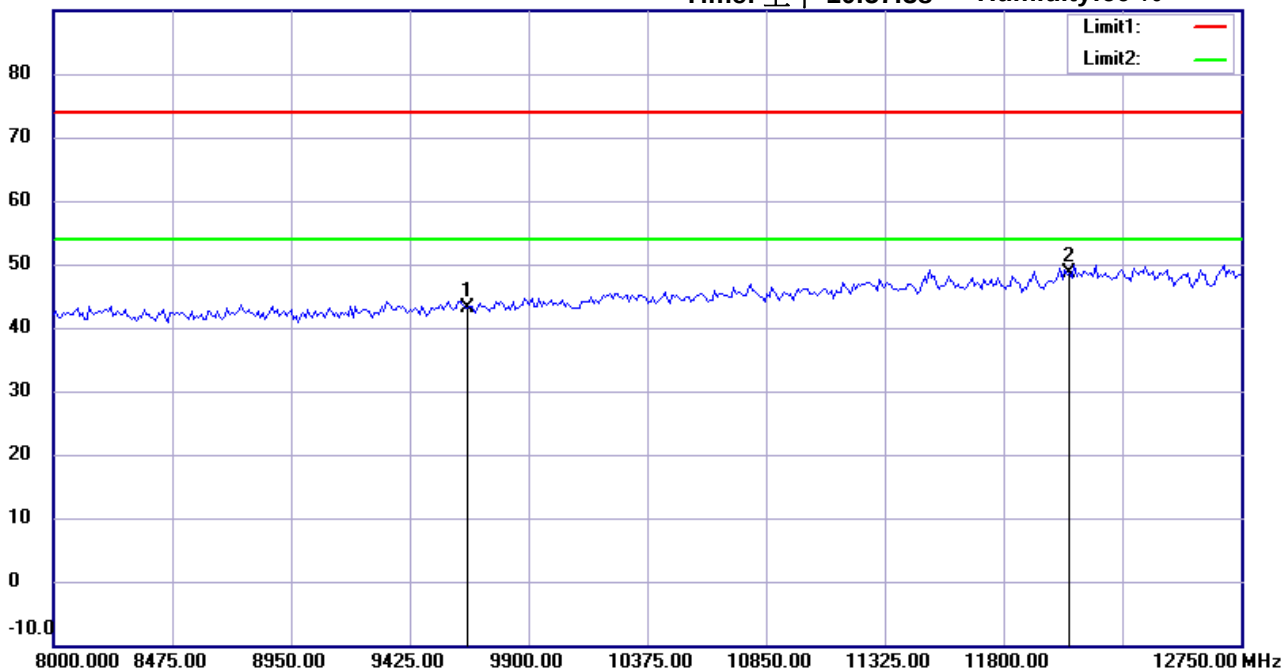
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:57:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	35.28	peak	7.81	43.09	74.00	100	185	-30.91	
*	12060.000	34.84	peak	13.67	48.51	74.00	100	100	-25.49	

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



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

Operator: Roy

File :3

Data :#8

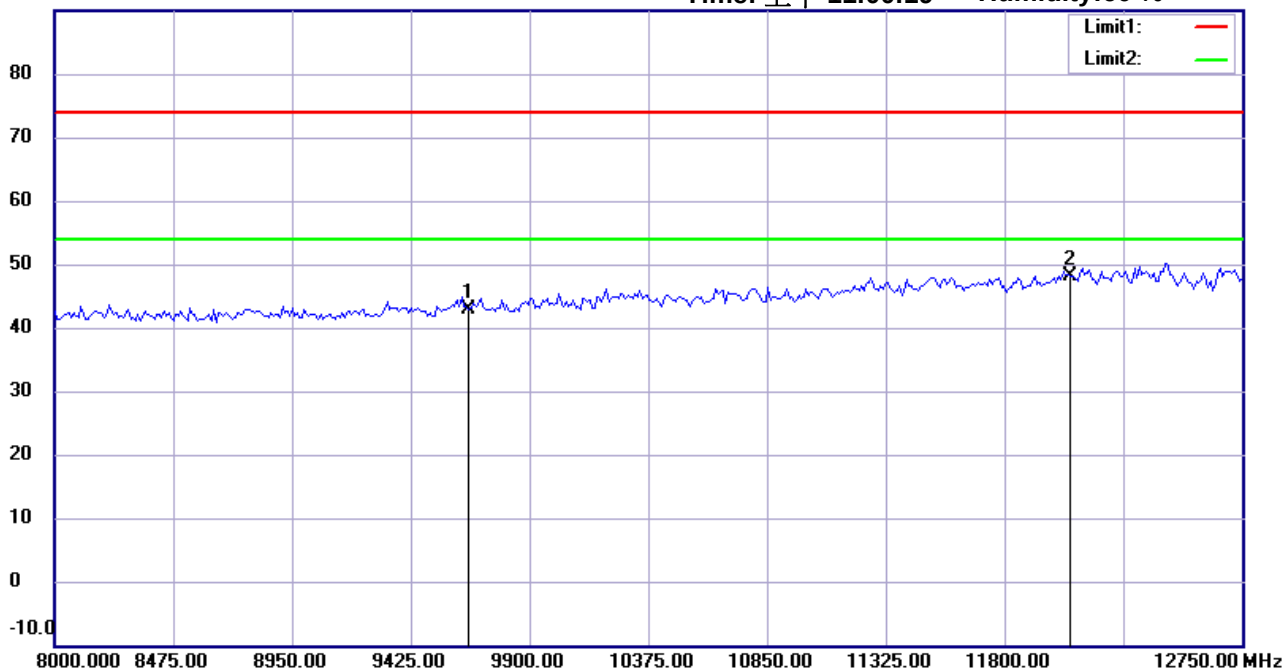
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:00:19

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	34.97	peak	7.81	42.78	74.00	100	265	-31.22	
*	12060.000	34.55	peak	13.67	48.22	74.00	100	175	-25.78	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

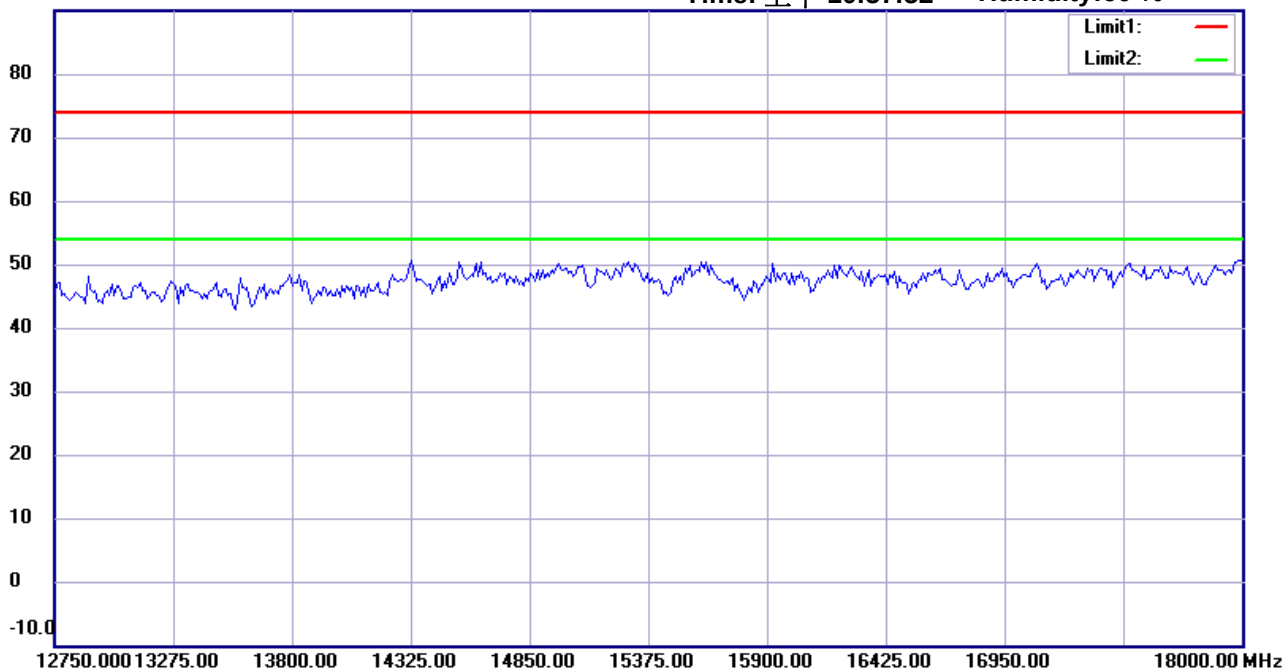
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:57:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#9

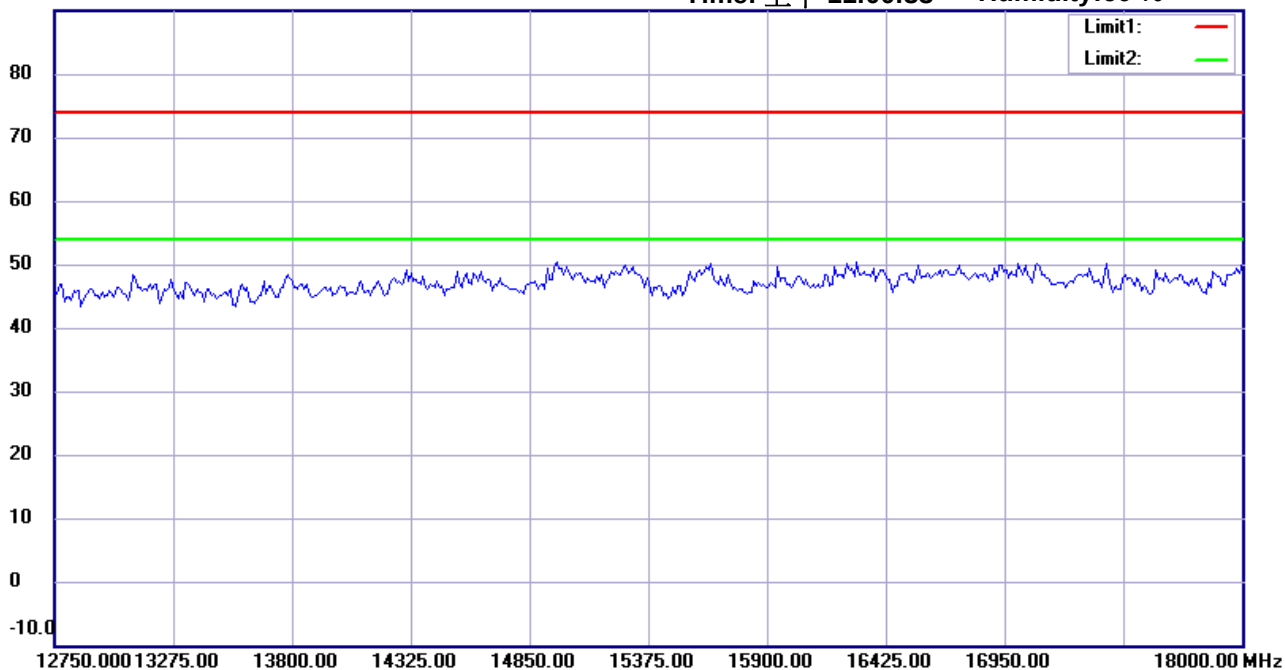
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:00:33

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#5

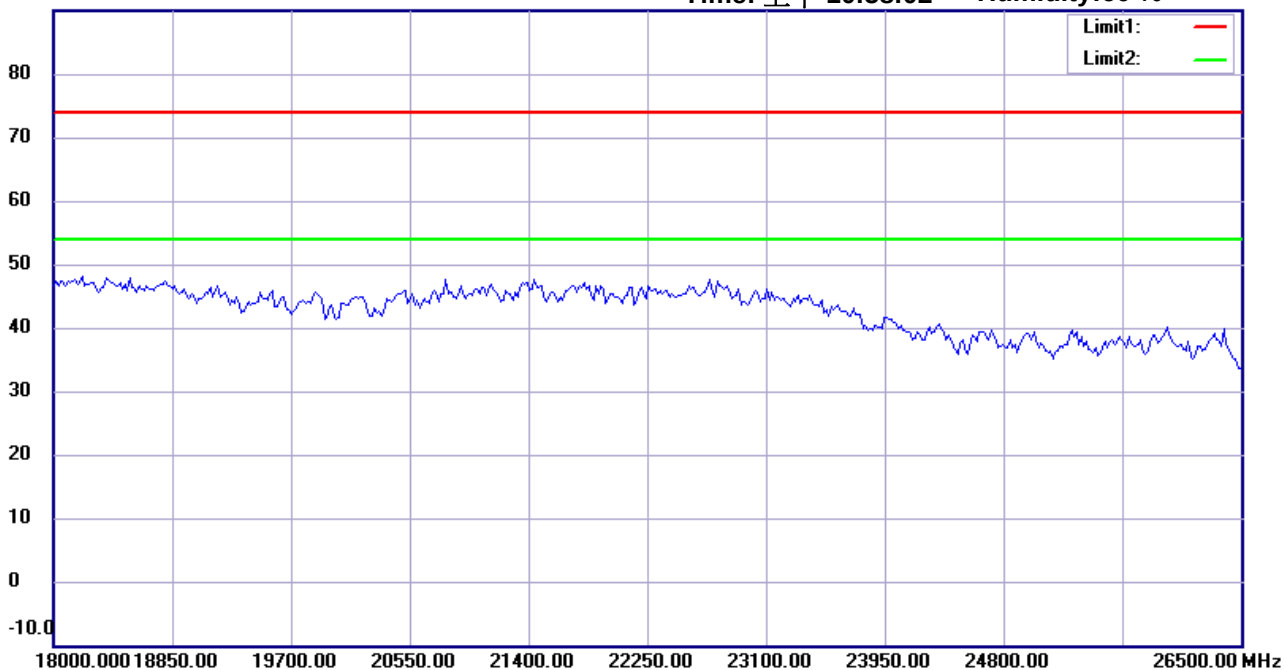
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:58:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

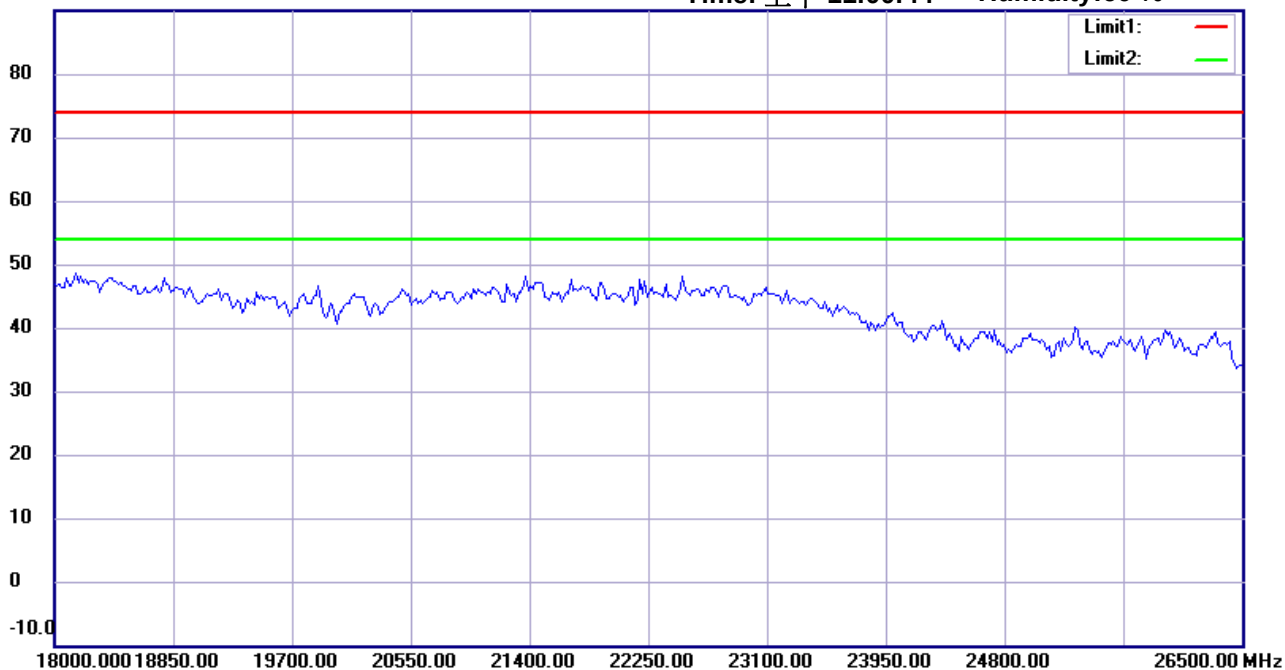
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:00:44

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

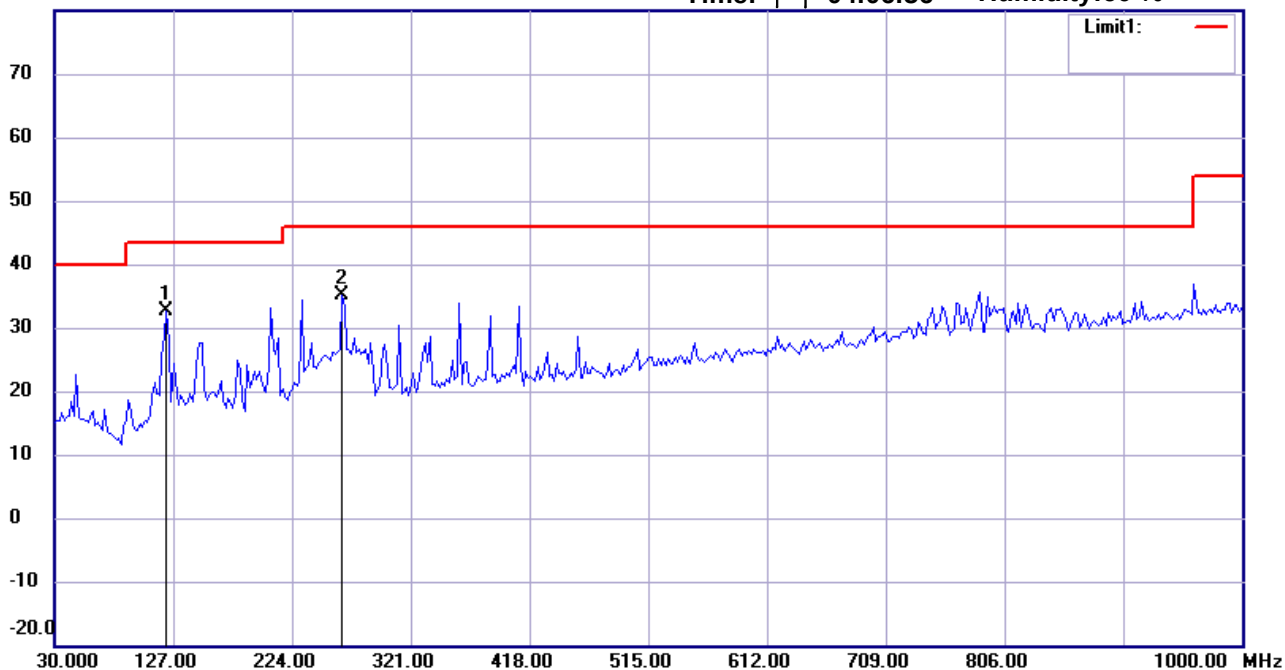
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:06:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	121.3627	18.77	peak	13.79	32.56	43.50	100	55	-10.94	
*	265.2102	20.43	peak	14.76	35.19	46.00	100	170	-10.81	

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



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

Operator: Leon

File :1

Data :#2

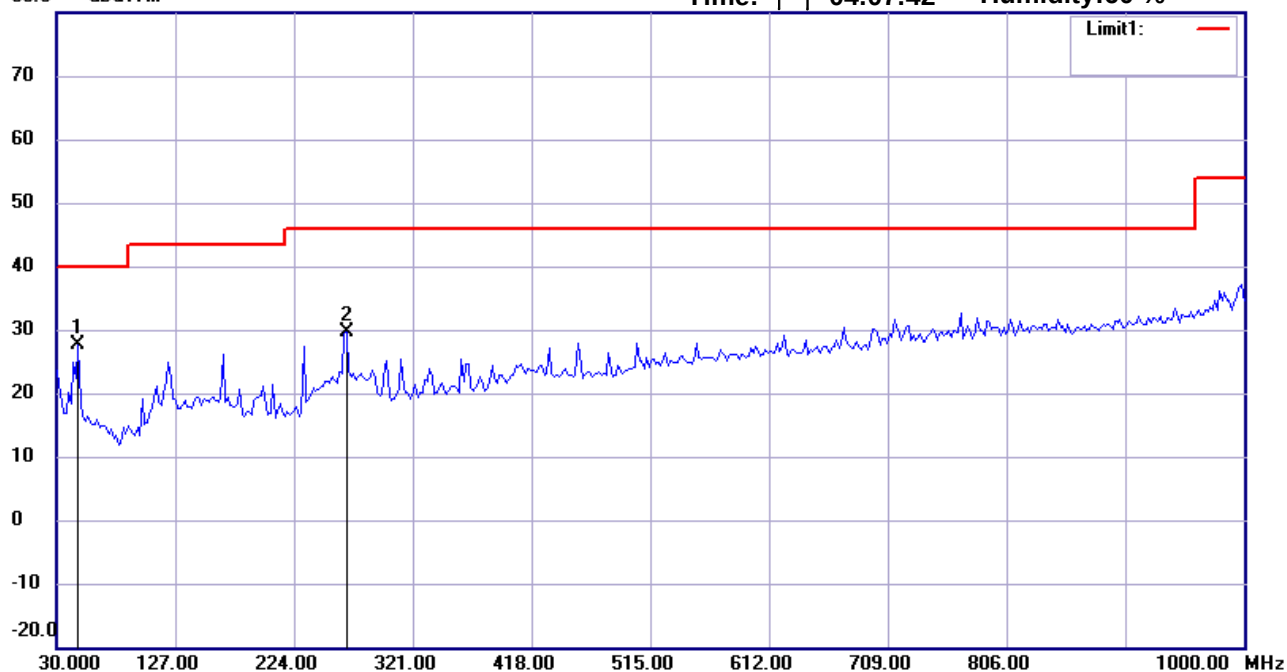
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:07:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.63	peak	14.09	27.72	40.00	100	235	-12.28	
	267.1543	14.69	peak	14.84	29.53	46.00	100	190	-16.47	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

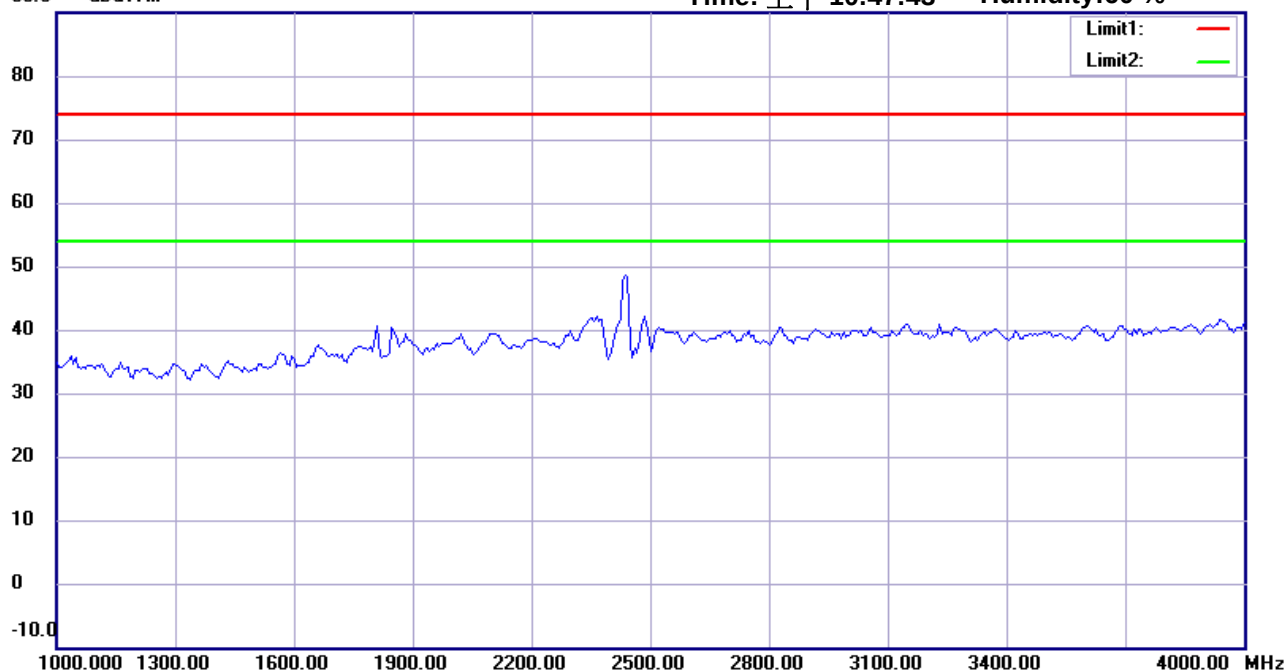
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:47:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

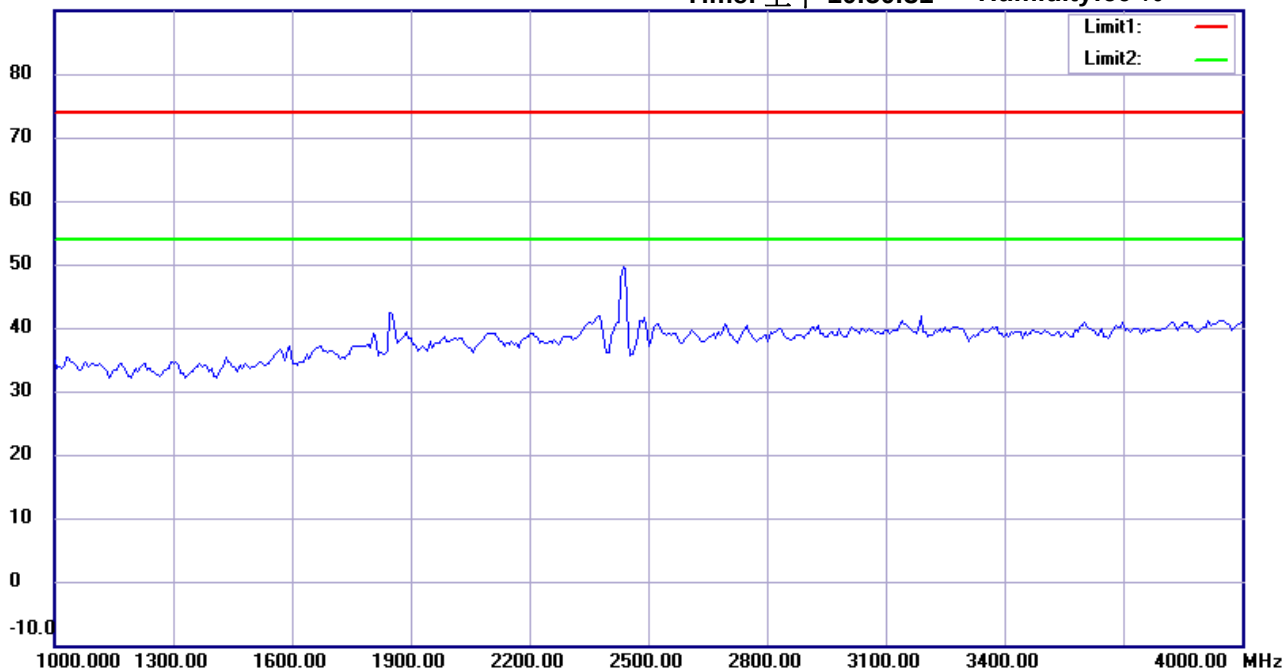
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:50:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #2

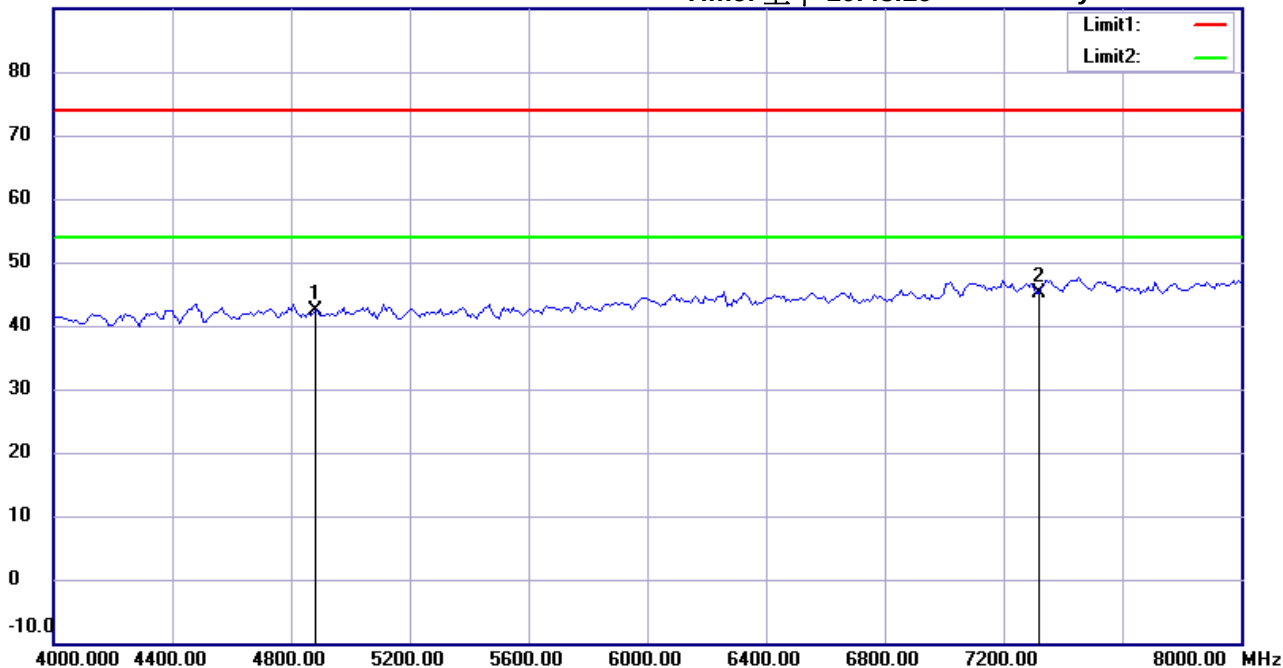
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:48:29

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.49	peak	-0.17	42.32	74.00	100	305	-31.68	
*	7311.000	40.46	peak	4.77	45.23	74.00	100	130	-28.77	

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



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

Operator: Roy

File :3

Data :#7

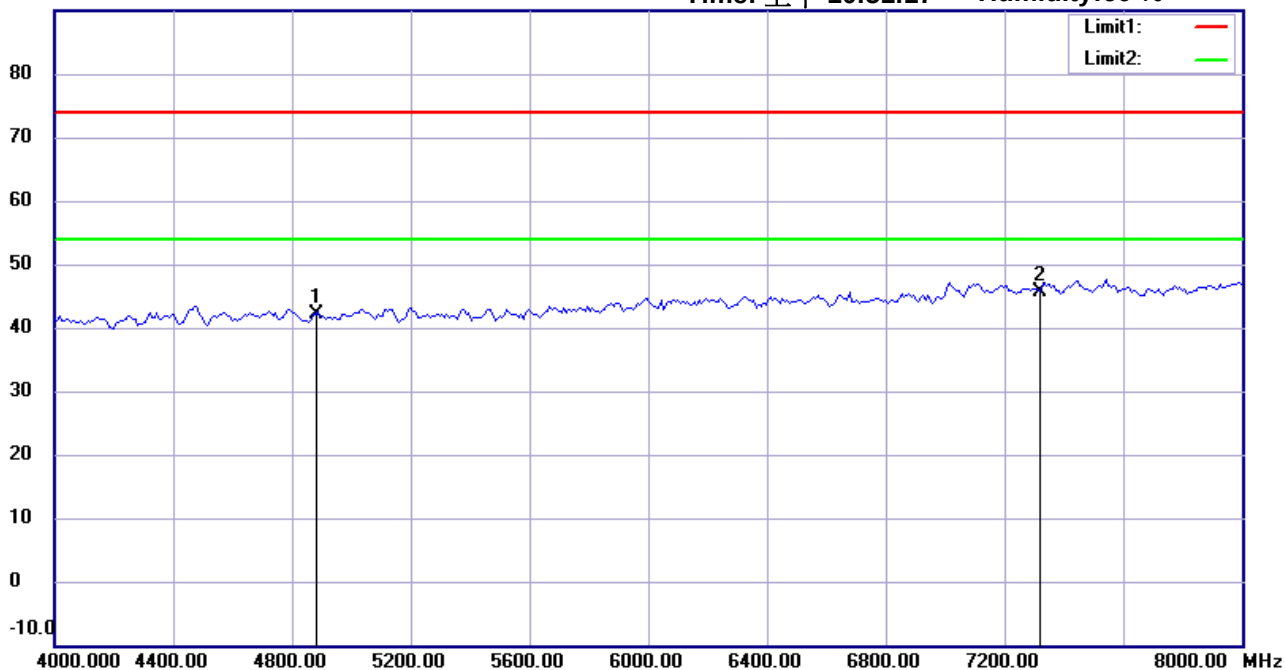
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:51:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.42	peak	-0.17	42.25	74.00	100	175	-31.75	
*	7311.000	40.77	peak	4.77	45.54	74.00	100	115	-28.46	

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



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

Operator: Roy

File :3

Data :#3

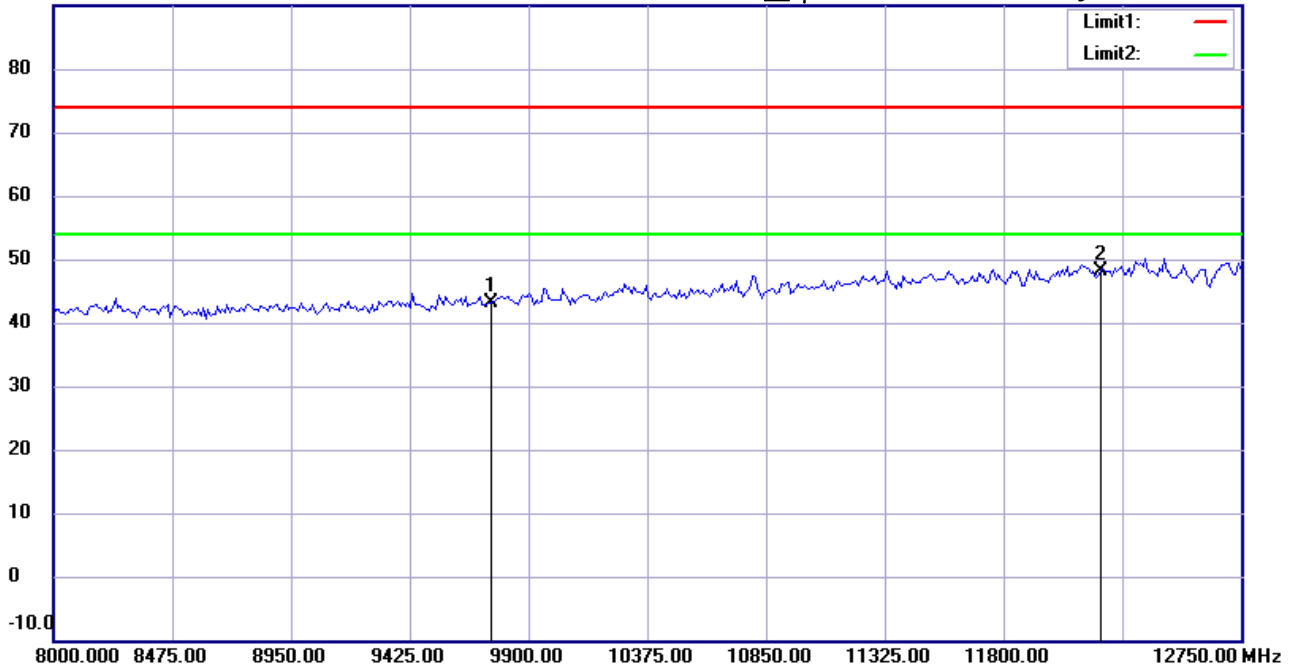
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:49:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	35.31	peak	7.79	43.10	74.00	100	325	-30.90	
*	12185.000	33.74	peak	14.28	48.02	74.00	100	80	-25.98	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

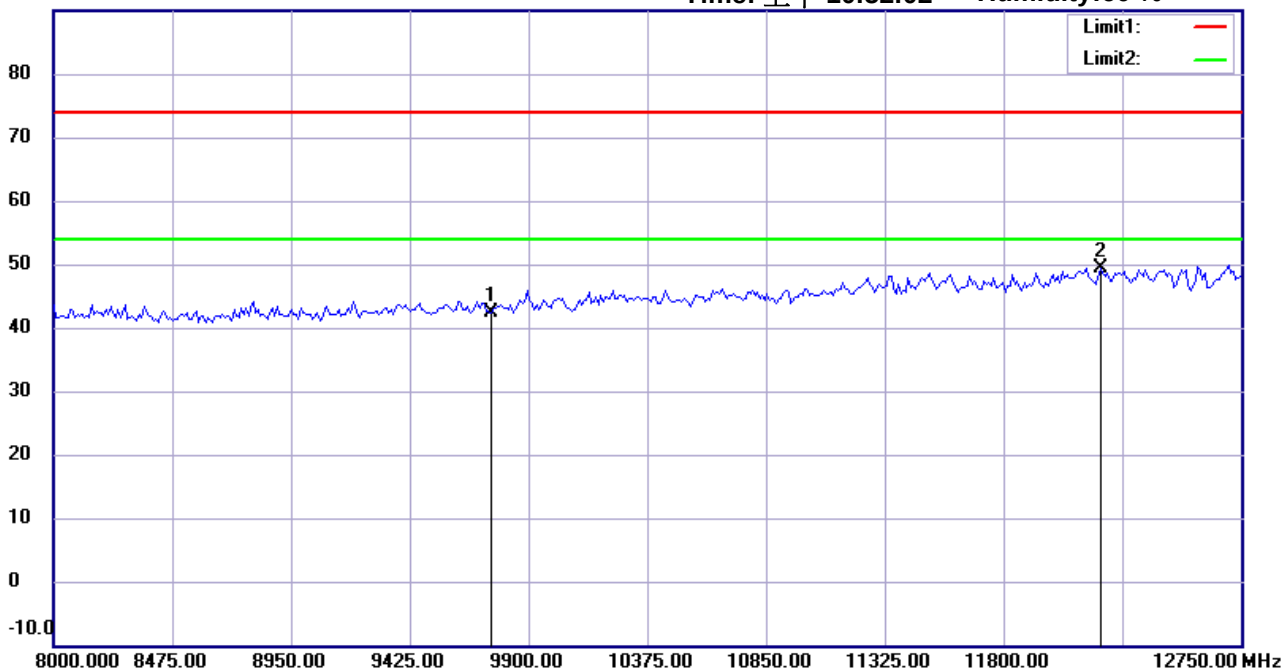
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:52:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.51	peak	7.79	42.30	74.00	100	200	-31.70	
*	12185.000	35.12	peak	14.28	49.40	74.00	100	60	-24.60	

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



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

Operator: Roy

File :3

Data :#4

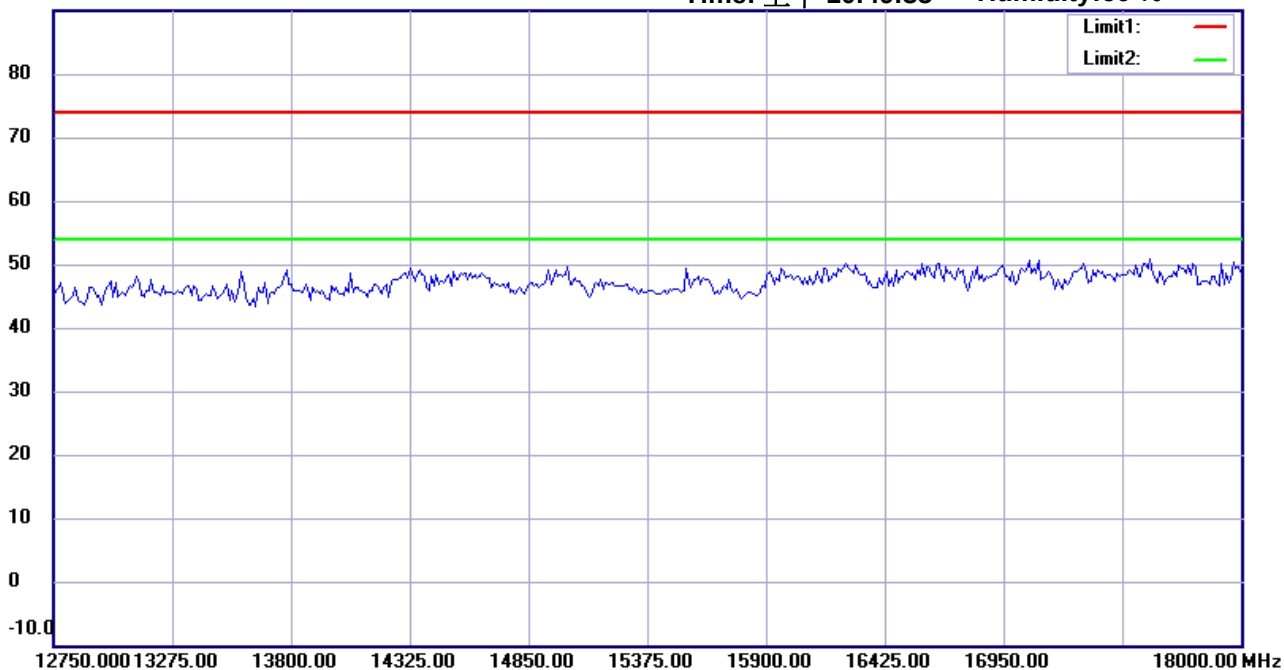
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:49:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Horizontal

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

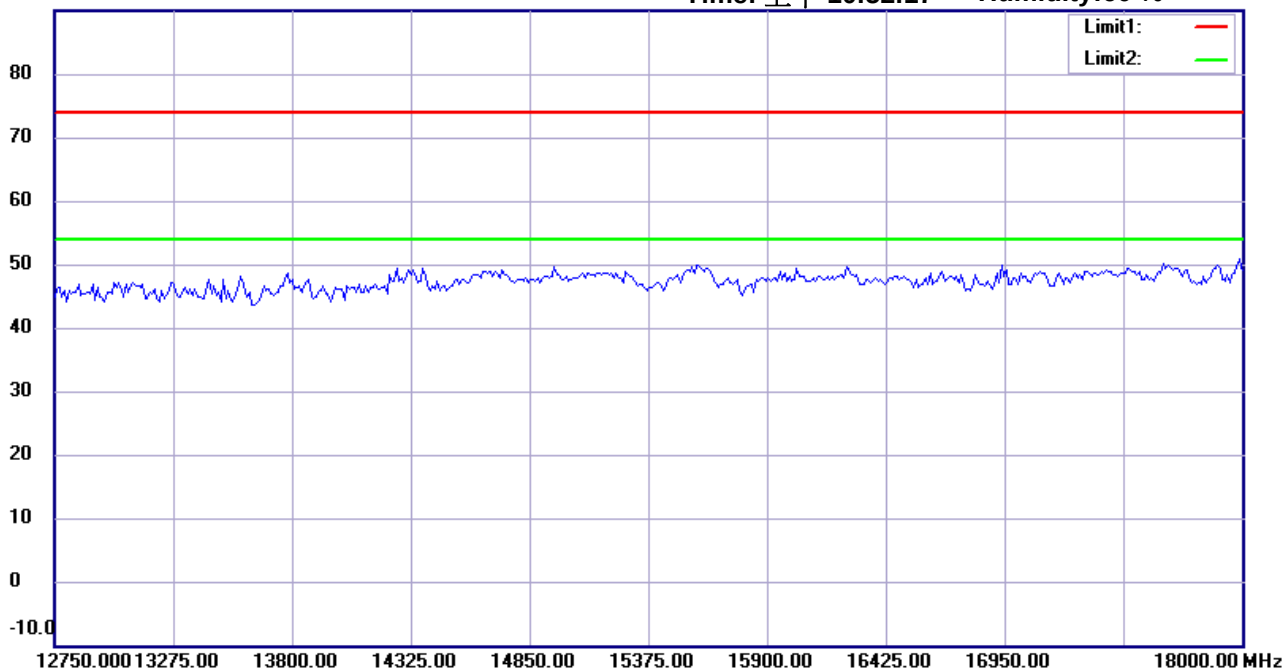
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:52:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



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Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #5

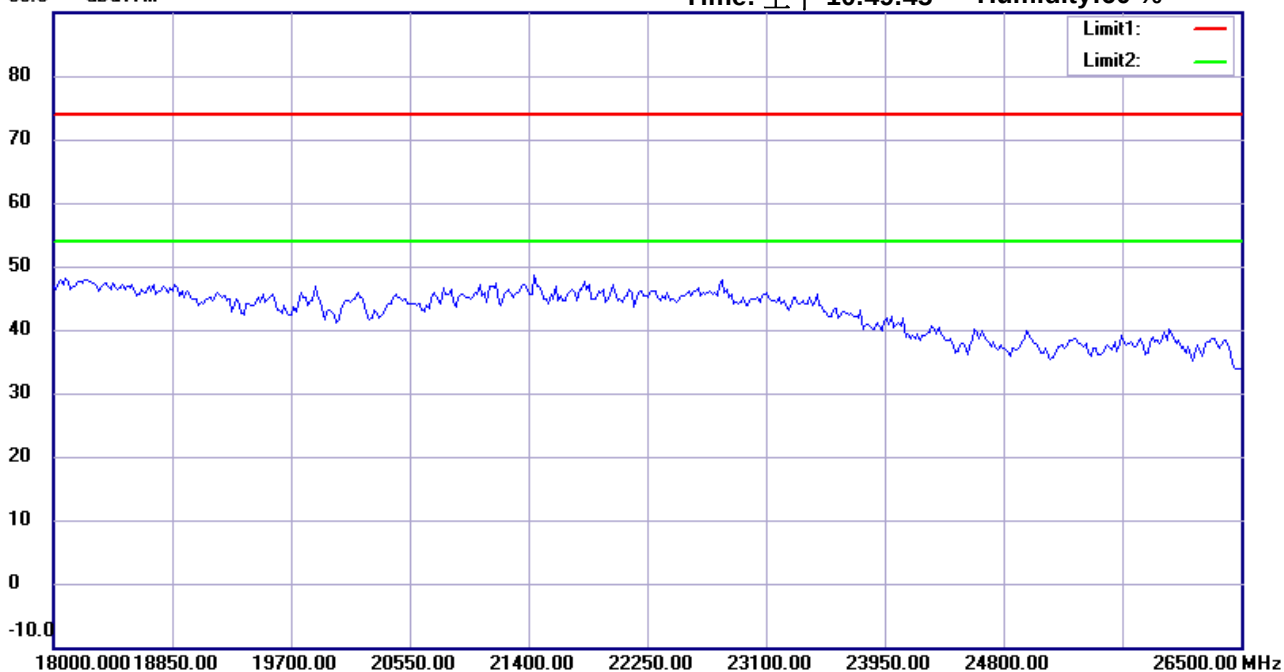
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:49:45

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Operator: Roy

File :3

Data :#10

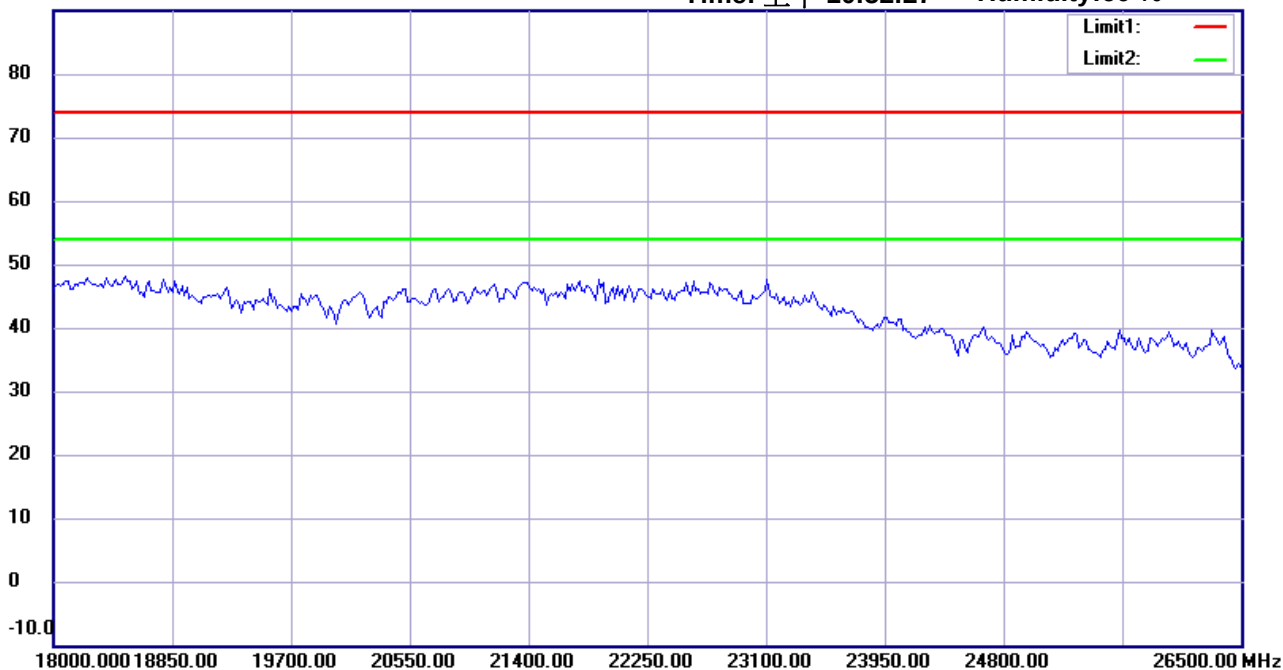
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:52:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

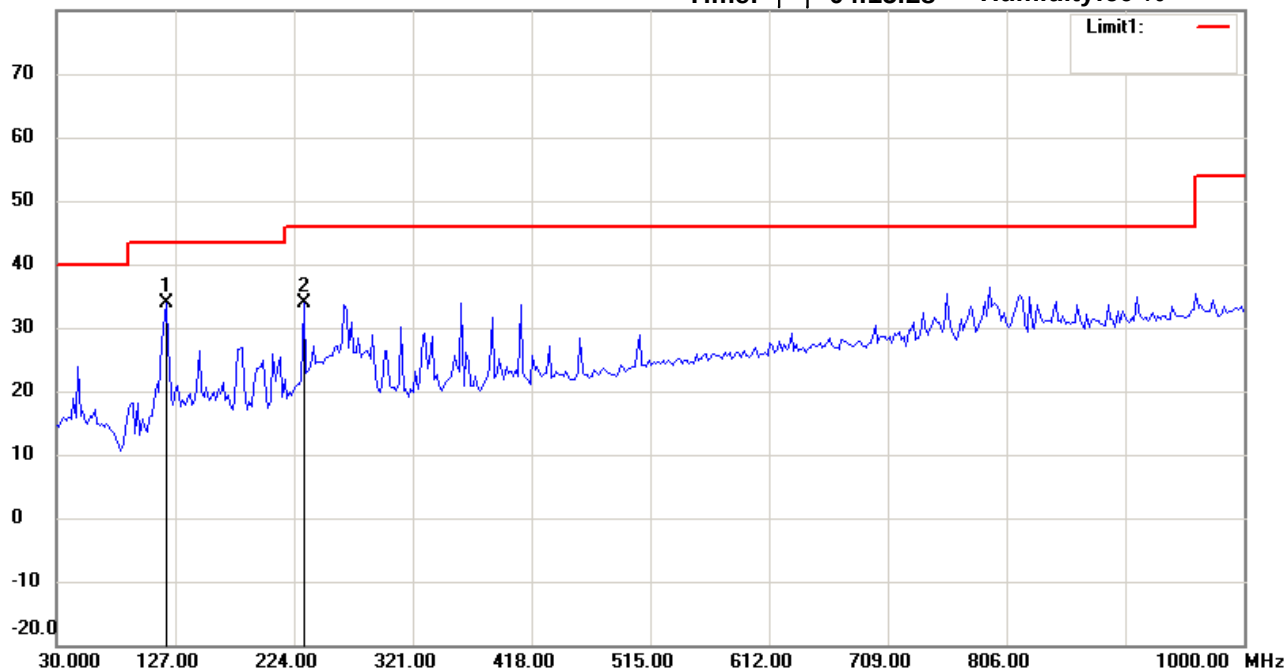
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:15:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	20.35	peak	13.62	33.97	43.50	100	75	-9.53	
	232.1642	20.16	peak	13.83	33.99	46.00	100	90	-12.01	



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

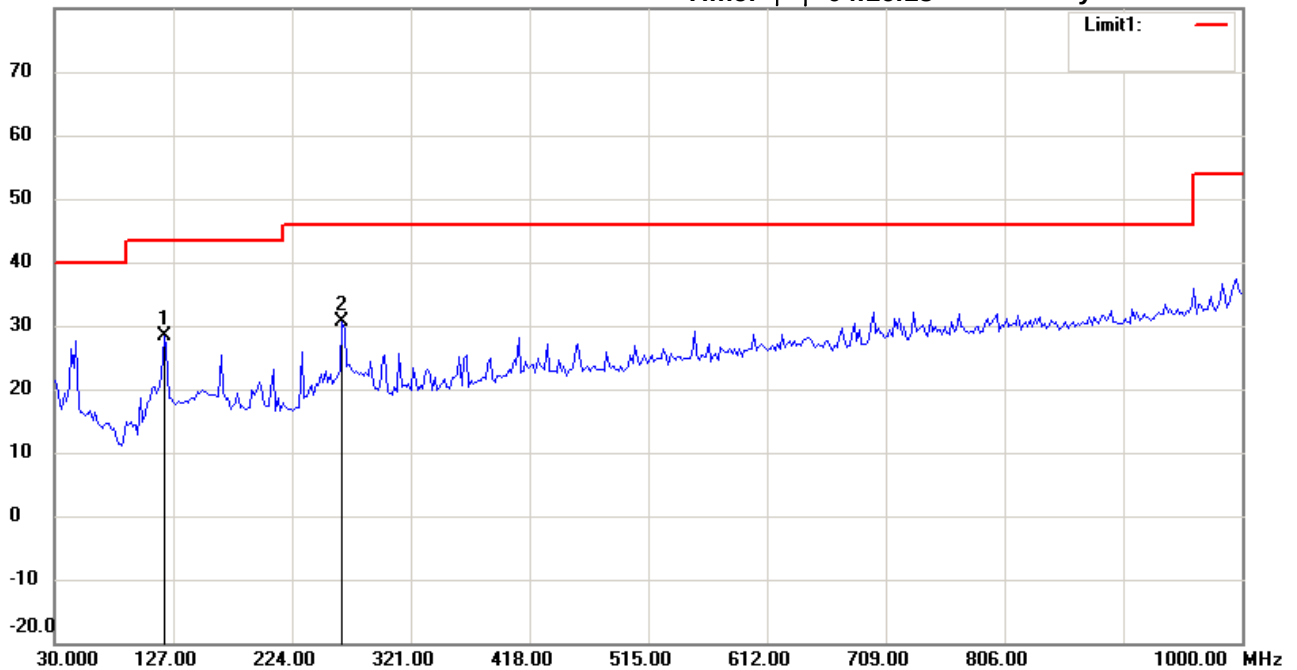
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:16:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	14.78	peak	13.62	28.40	43.50	100	160	-15.10	
	265.2104	15.82	peak	14.76	30.58	46.00	100	135	-15.42	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

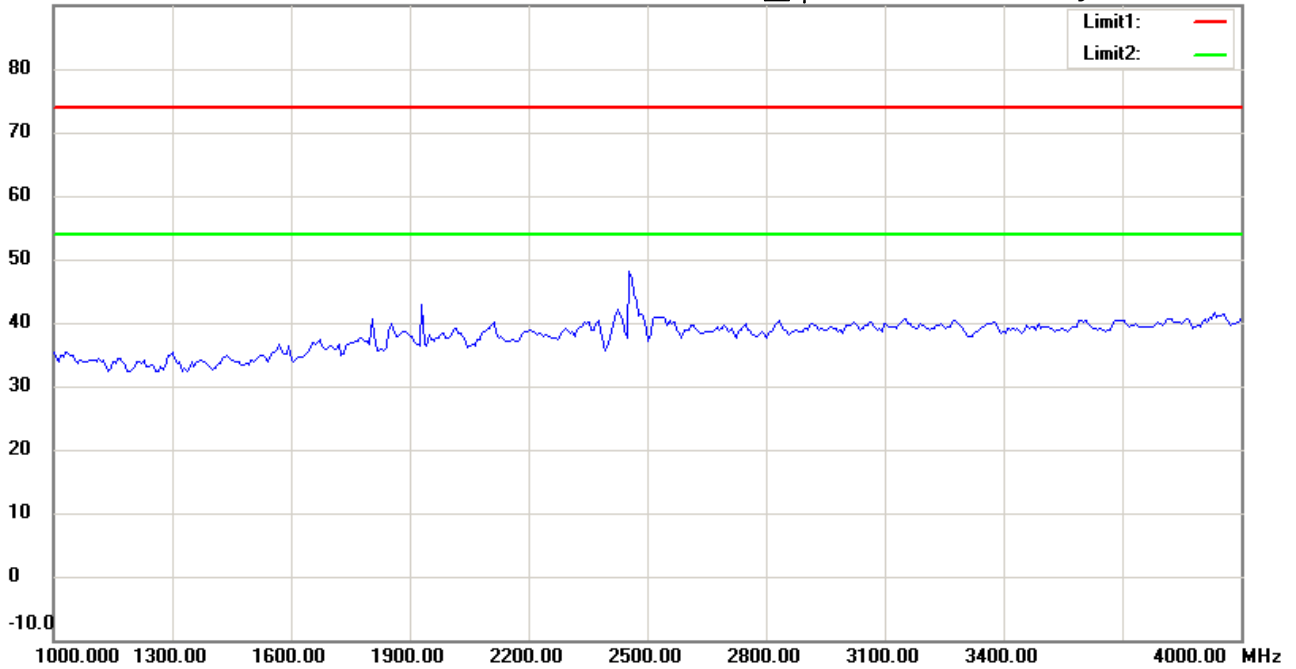
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:40:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#6

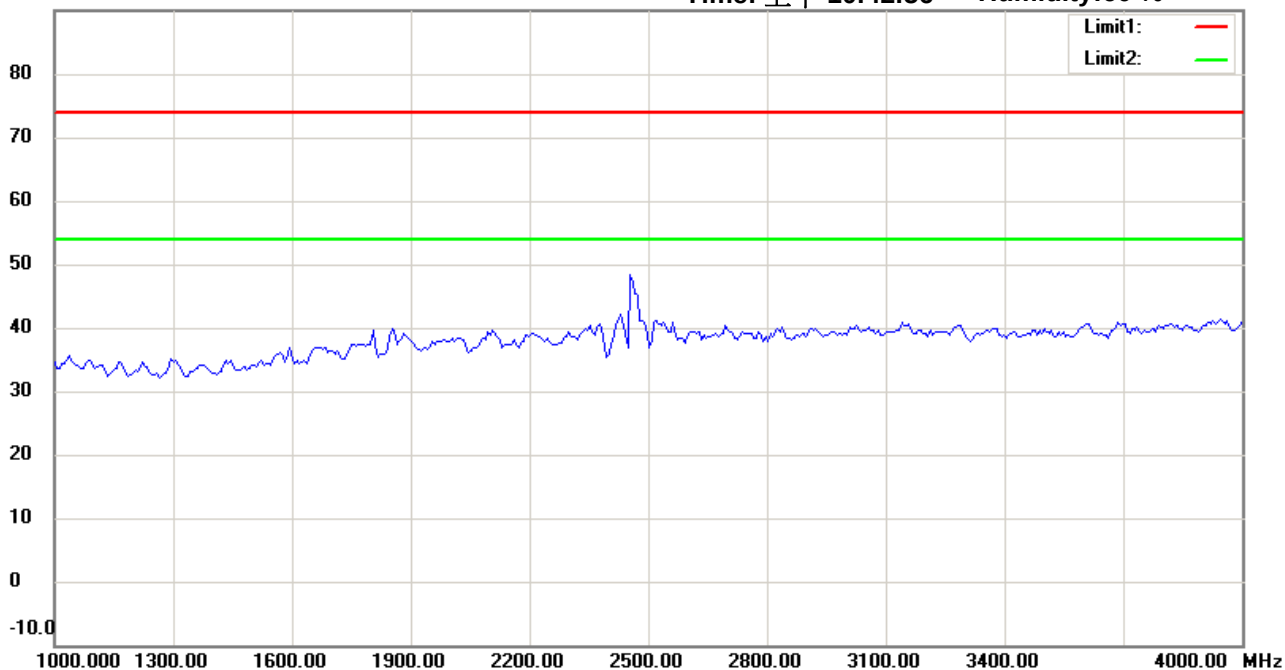
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:42:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

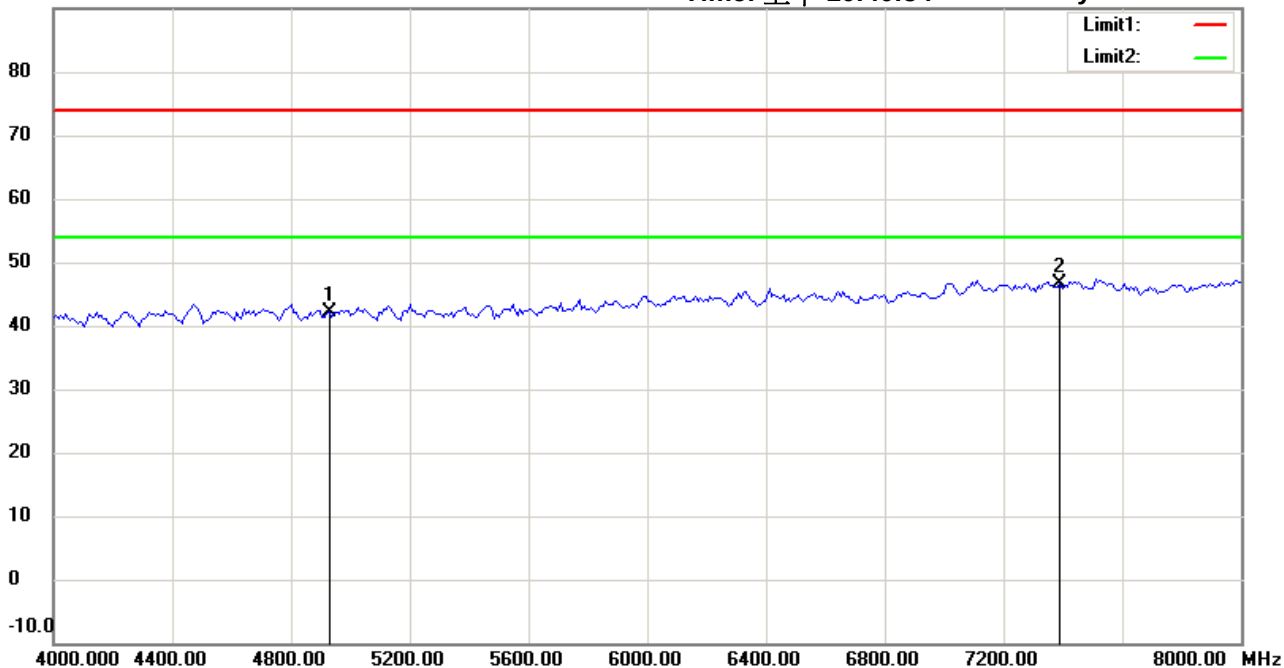
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:40:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	42.12	peak	0.02	42.14	74.00	100	225	-31.86	
*	7386.000	41.35	peak	5.25	46.60	74.00	100	30	-27.40	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

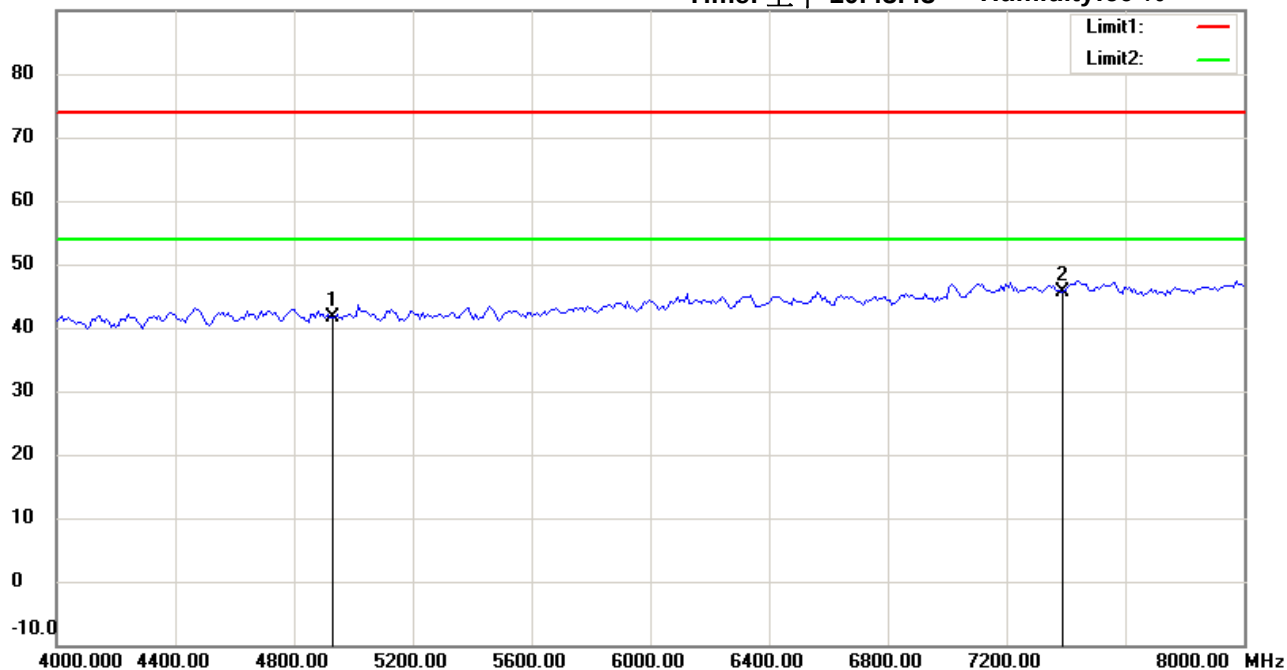
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:43:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	41.69	peak	0.02	41.71	74.00	100	115	-32.29	
*	7386.000	40.45	peak	5.25	45.70	74.00	100	50	-28.30	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

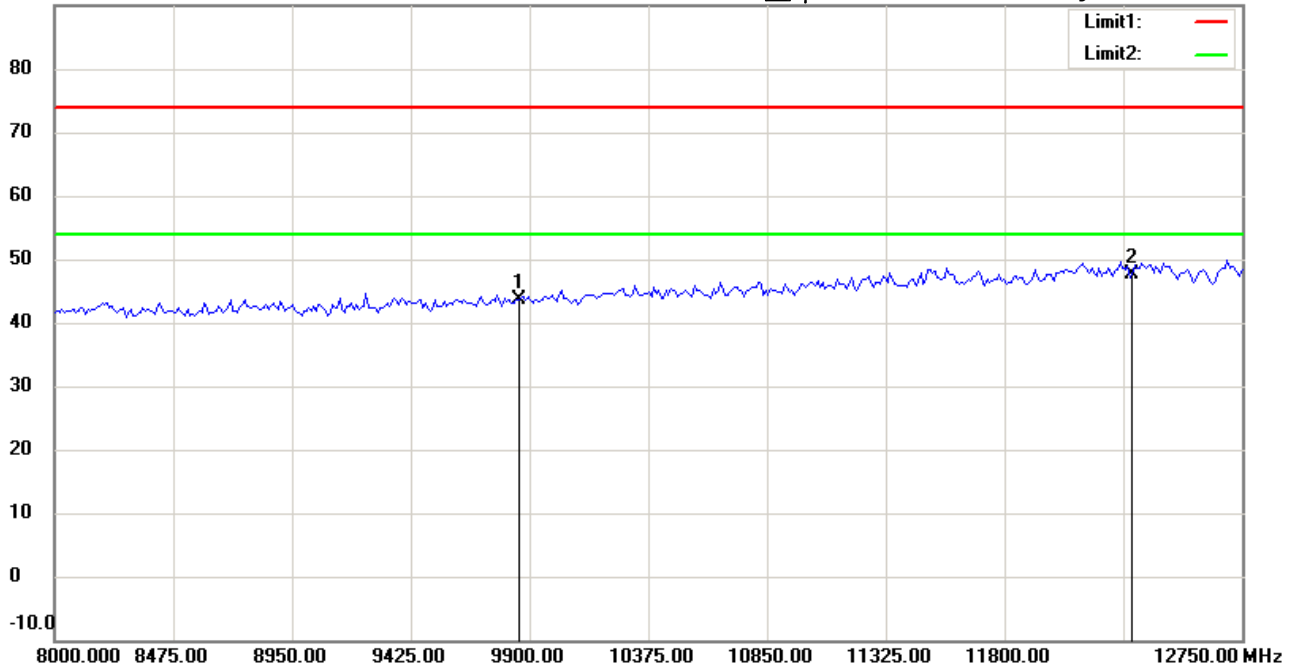
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:41:46

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.59	peak	7.98	43.57	74.00	100	255	-30.43	
*	12310.000	33.85	peak	13.69	47.54	74.00	100	140	-26.46	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

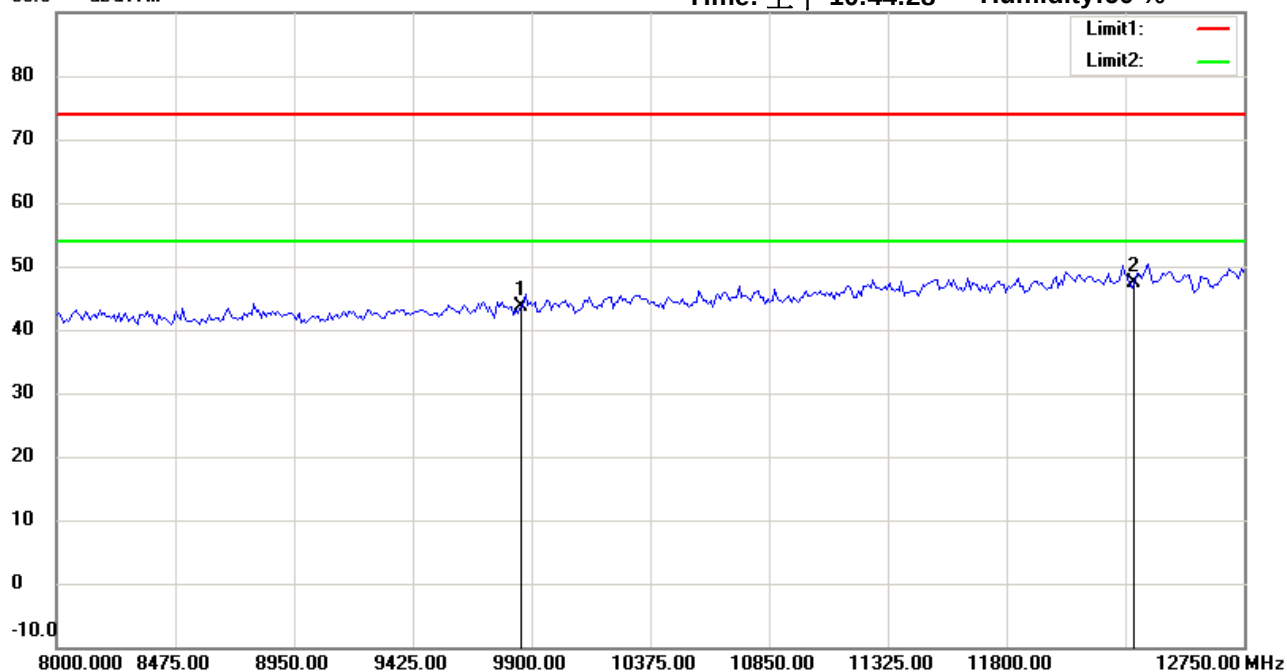
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:44:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.69	peak	7.98	43.67	74.00	100	270	-30.33	
*	12310.000	33.75	peak	13.69	47.44	74.00	100	165	-26.56	

*: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: Roy

File :3

Data :#4

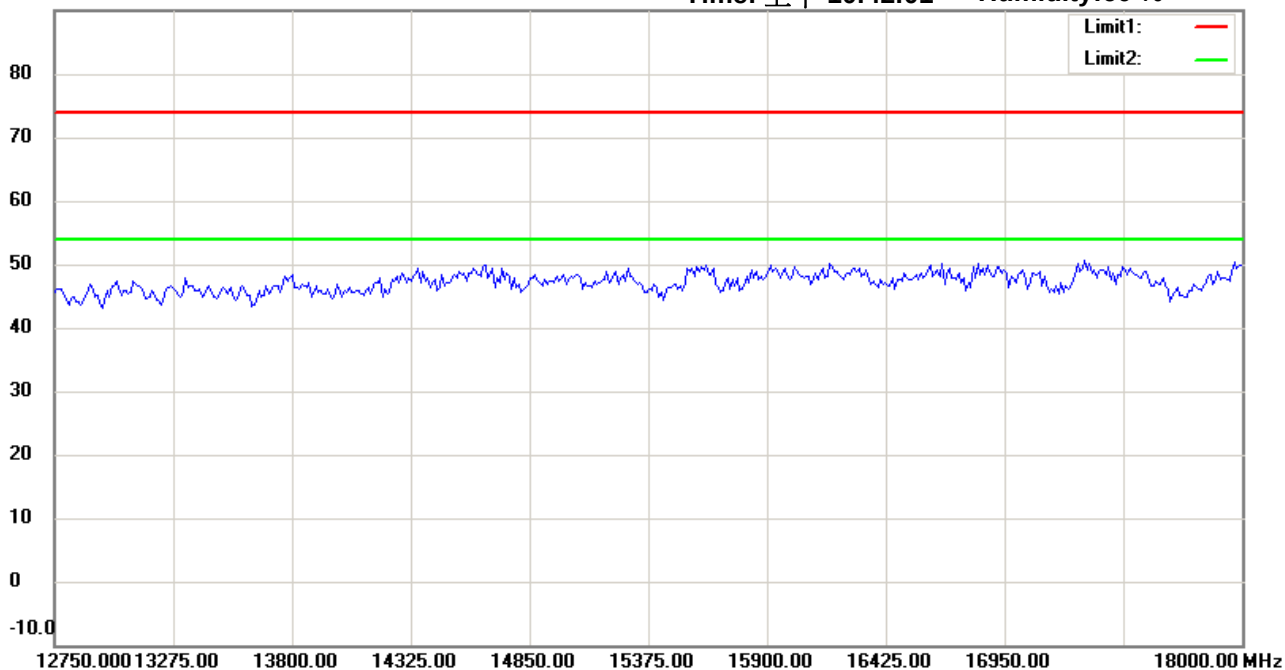
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:42:01

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

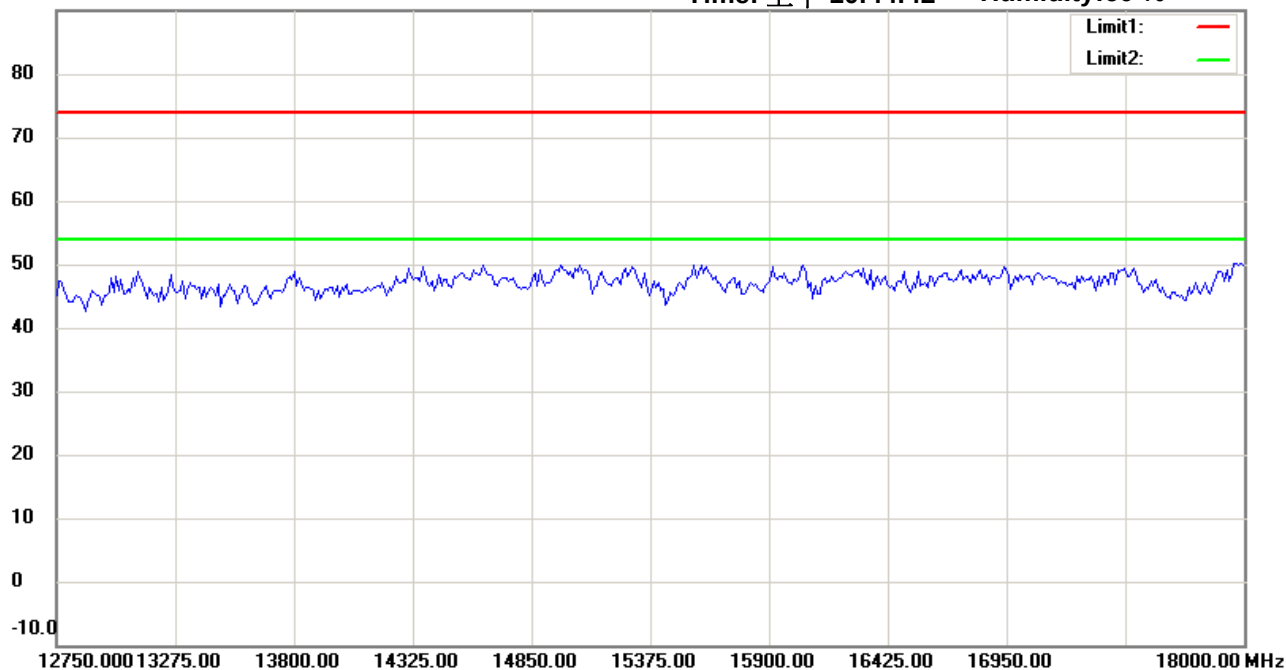
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:44:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#5

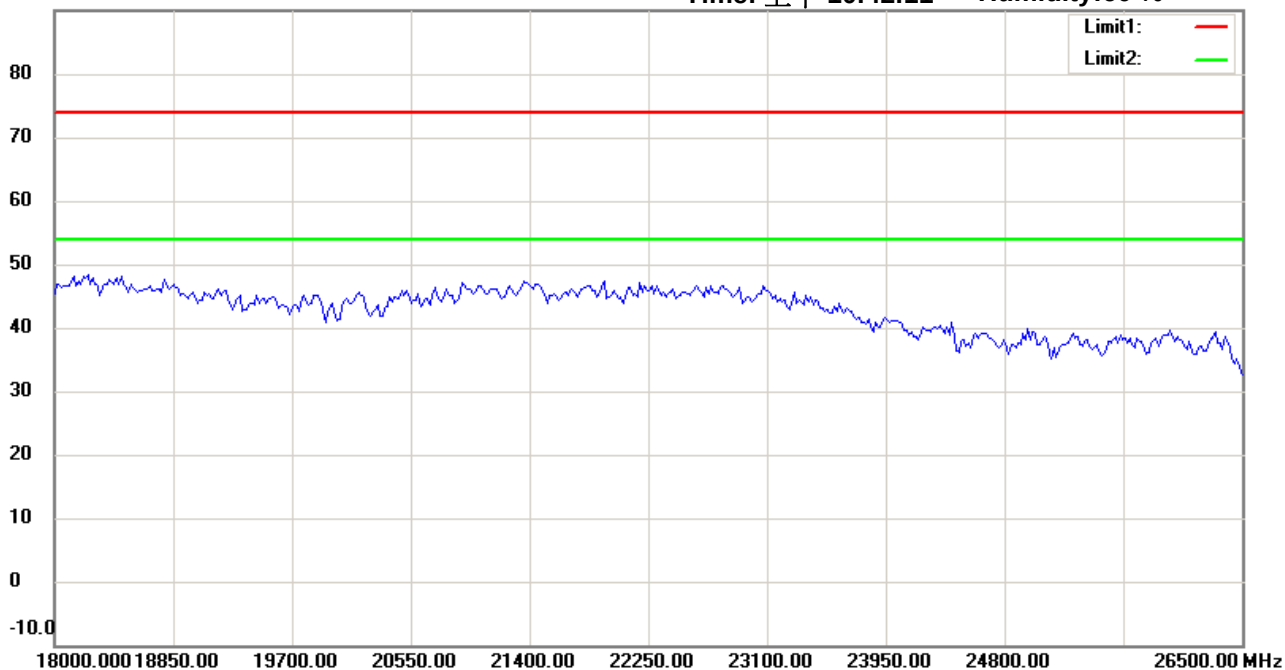
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:42:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#10

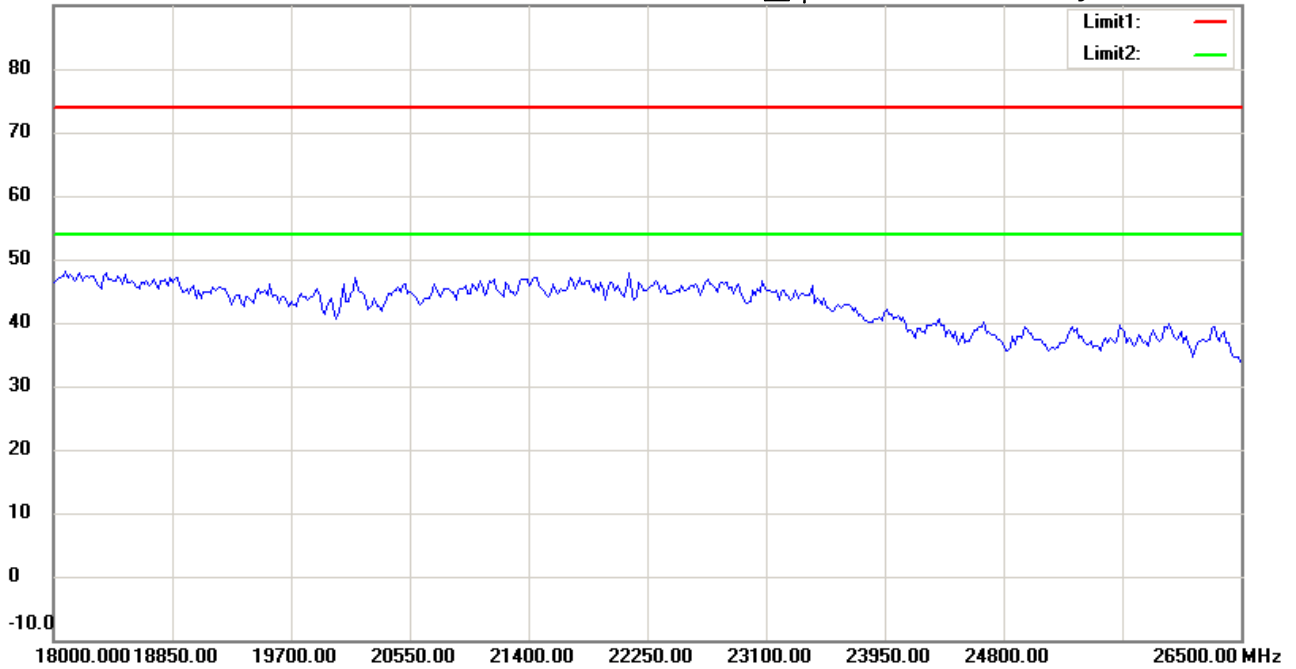
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:44:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11g CH11

Note :

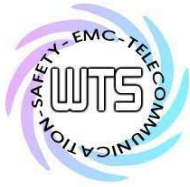
Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

Spurious Emission Radiated _TX ANT A+B 2.4G WLAN



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

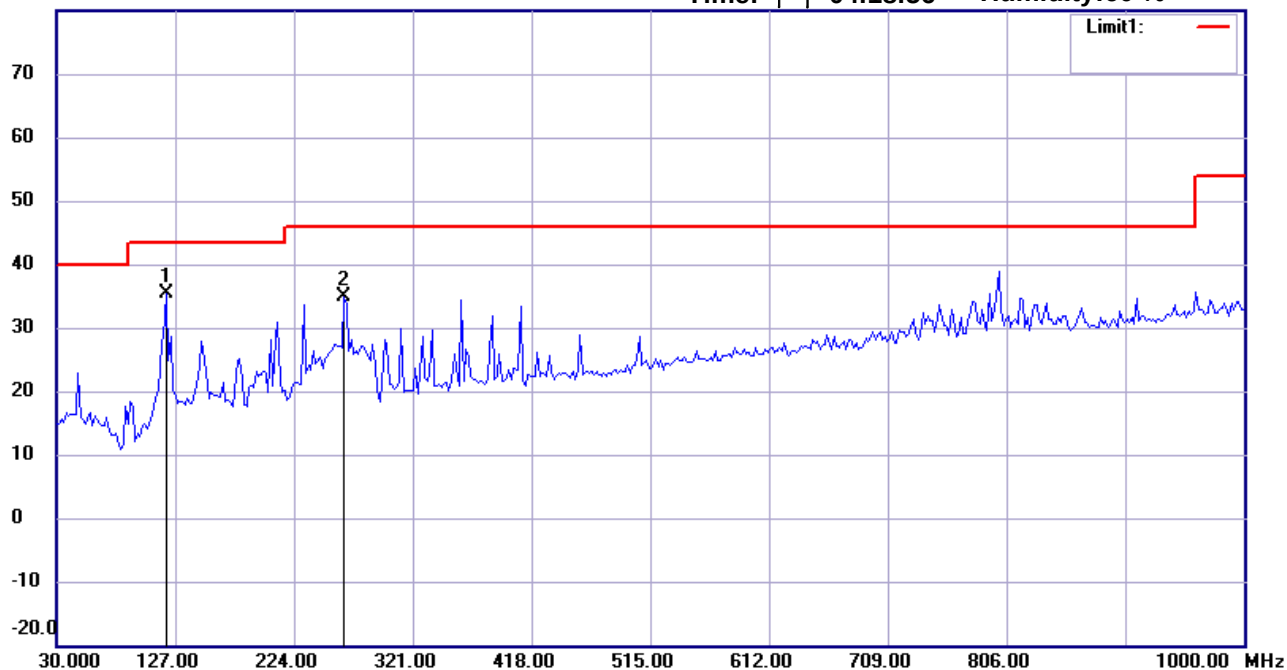
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:18:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	21.74	peak	13.62	35.36	43.50	100	35	-8.14	
	265.2102	20.12	peak	14.76	34.88	46.00	100	170	-11.12	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

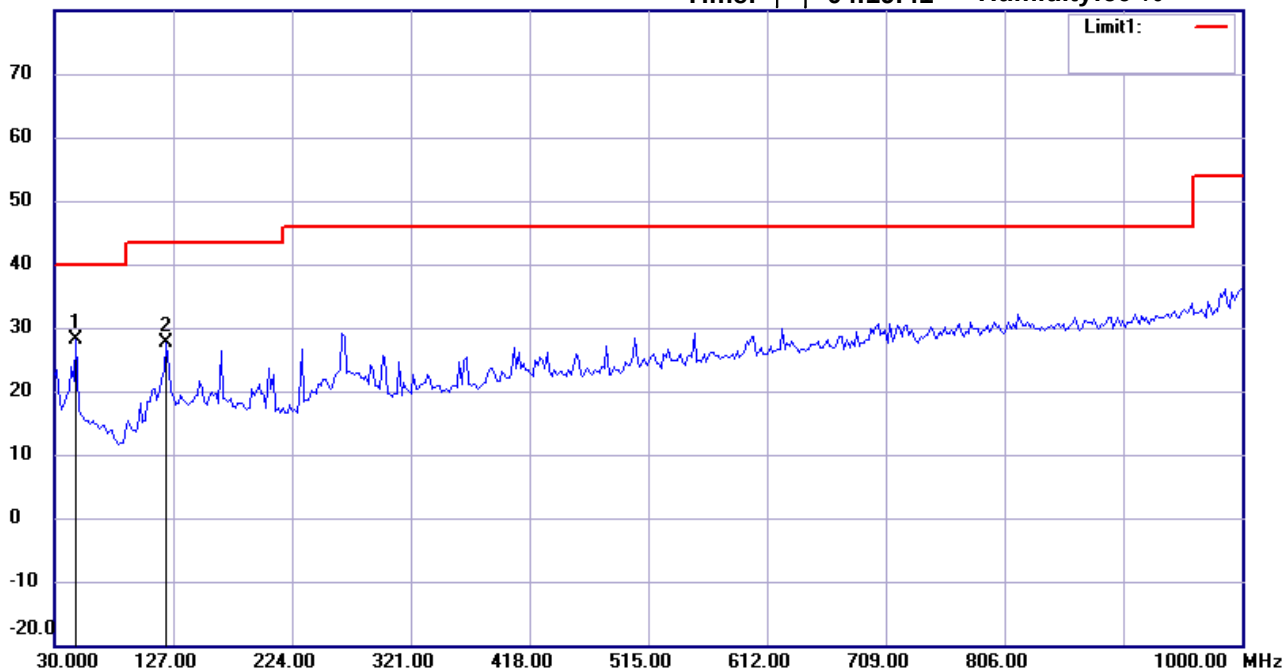
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:19:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	14.09	peak	14.09	28.18	40.00	100	55	-11.82	
	121.3627	13.95	peak	13.79	27.74	43.50	100	190	-15.76	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

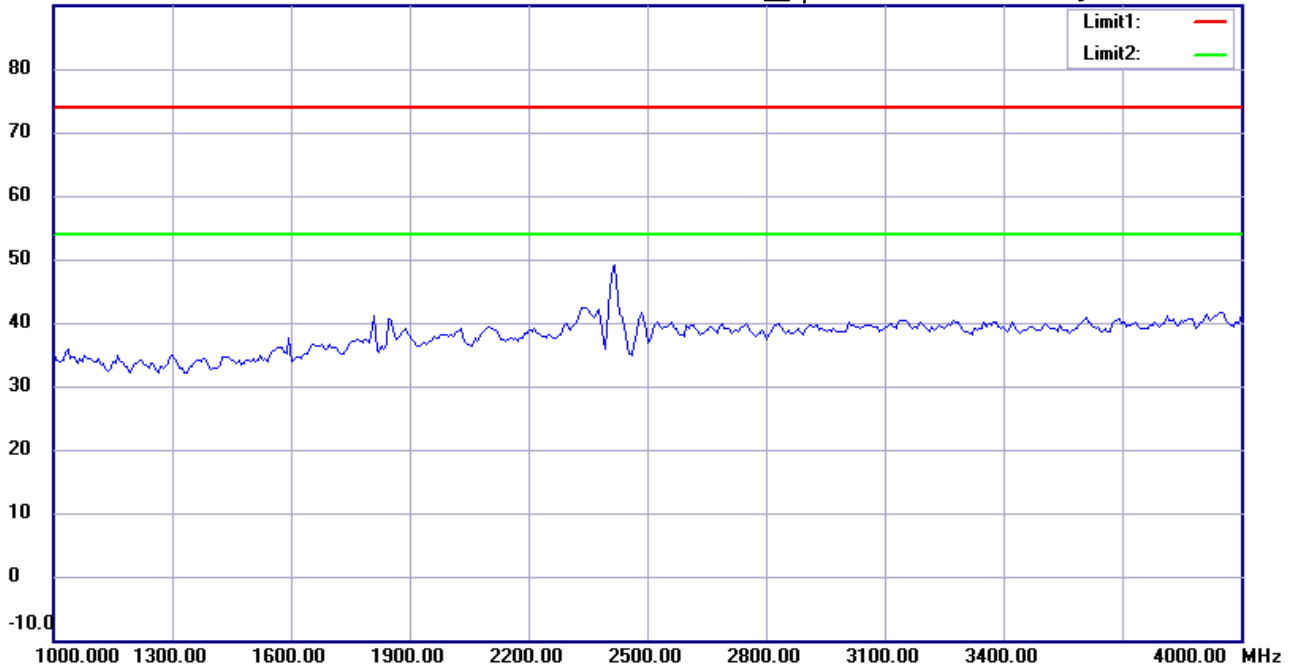
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:28:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Operator: Roy

File :3

Data :#6

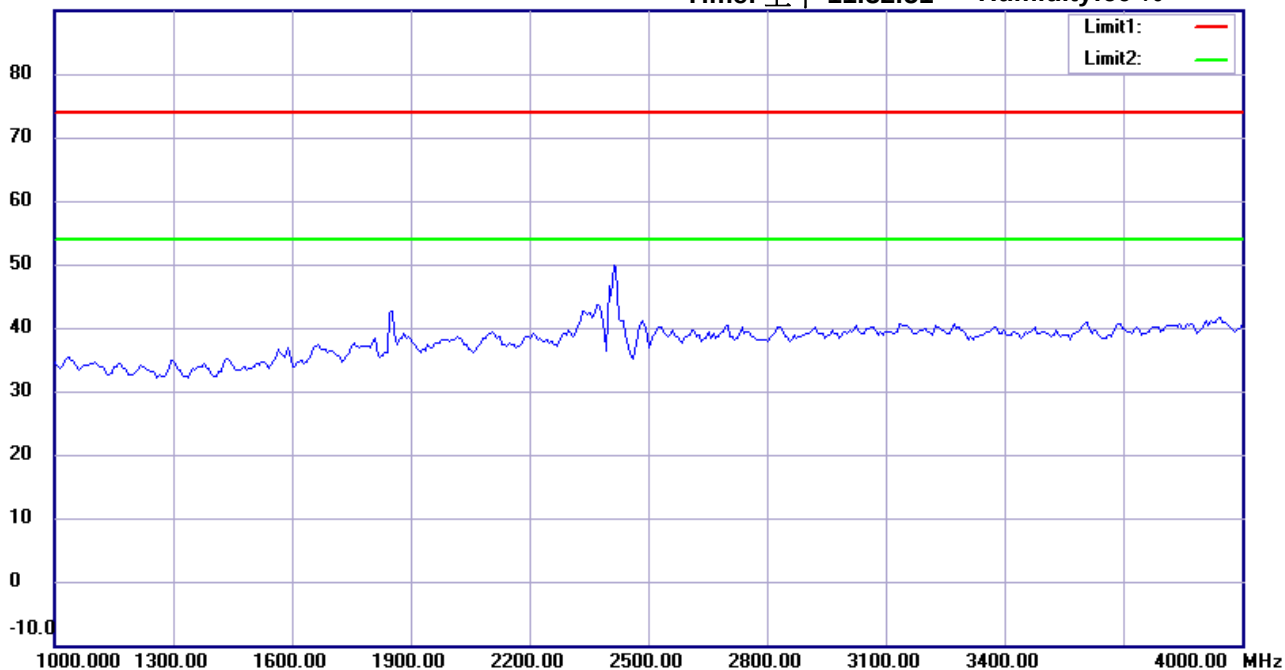
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:32:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

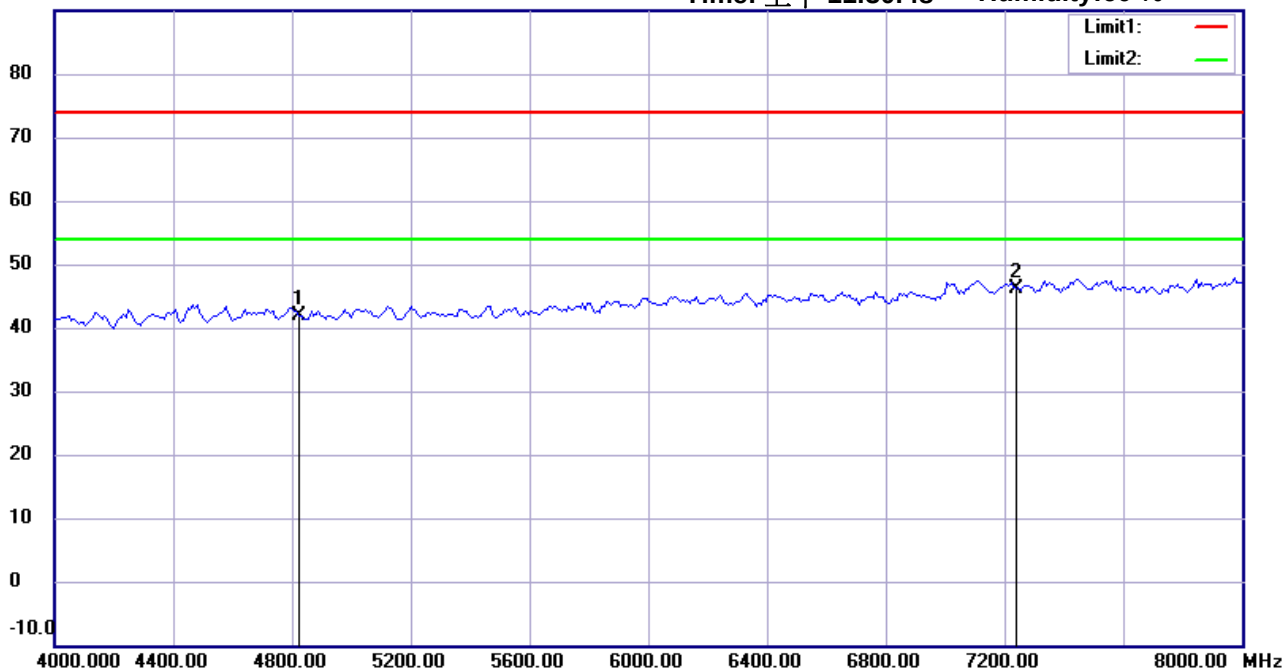
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:30:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	42.08	peak	-0.27	41.81	74.00	100	305	-32.19	
*	7236.000	41.44	peak	4.64	46.08	74.00	100	170	-27.92	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #7

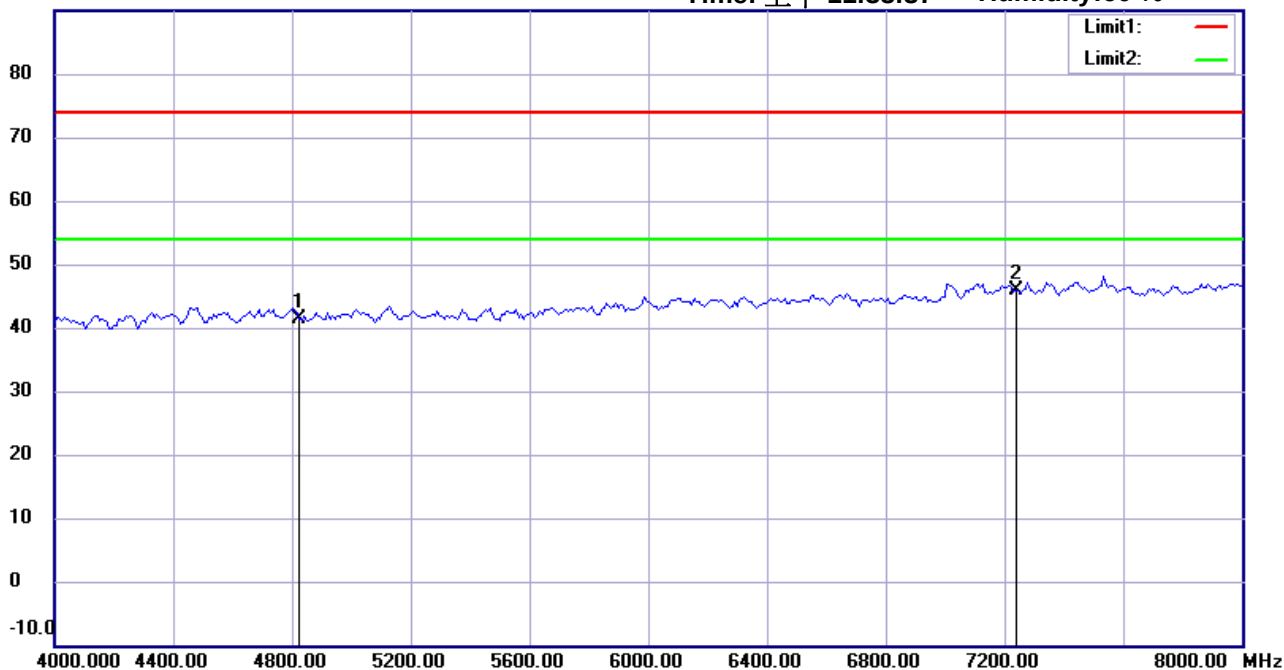
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 11:33:37

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	41.60	peak	-0.27	41.33	74.00	100	100	-32.67	
*	7236.000	41.12	peak	4.64	45.76	74.00	100	315	-28.24	

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



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

Operator: Roy

File :3

Data :#3

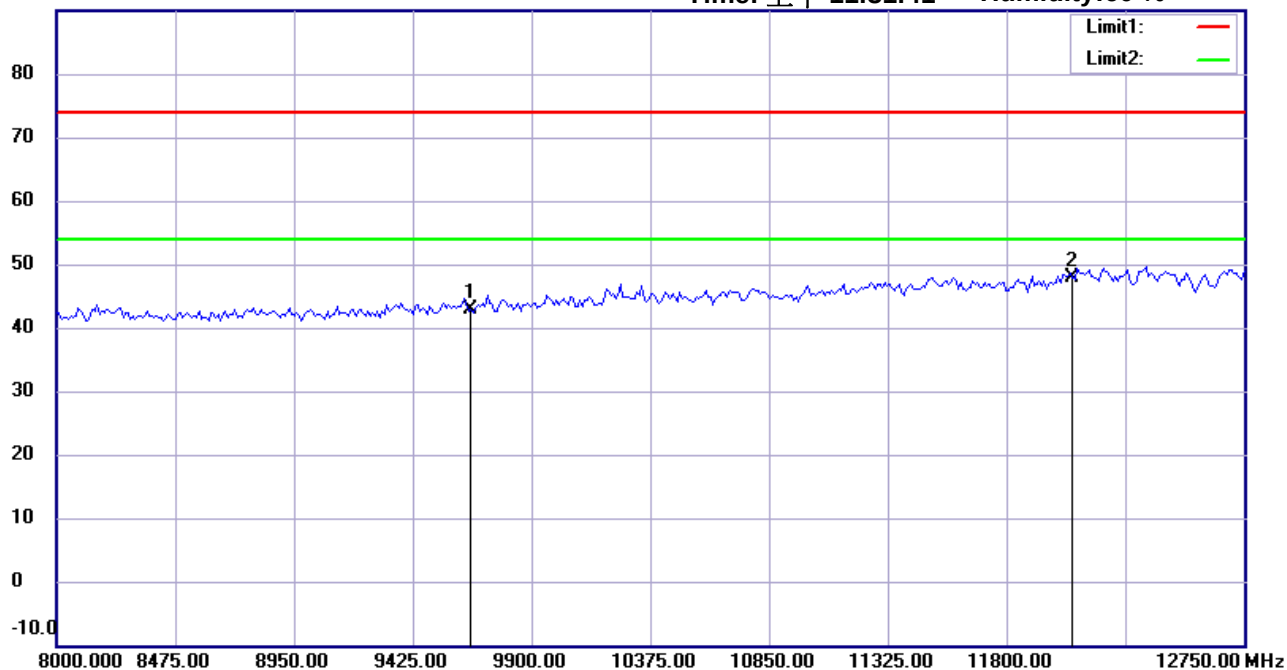
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:31:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	35.09	peak	7.81	42.90	74.00	100	215	-31.10	
*	12060.000	34.15	peak	13.67	47.82	74.00	100	335	-26.18	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

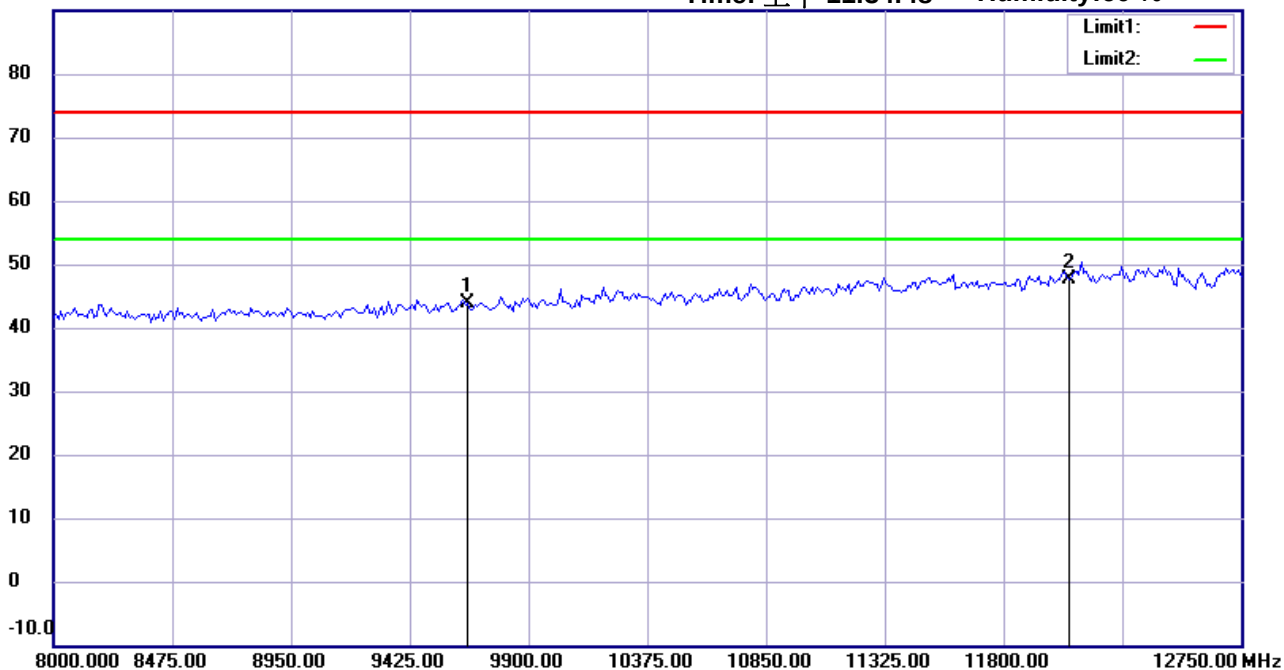
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:34:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	36.17	peak	7.81	43.98	74.00	100	220	-30.02	
*	12060.000	34.08	peak	13.67	47.75	74.00	100	50	-26.25	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

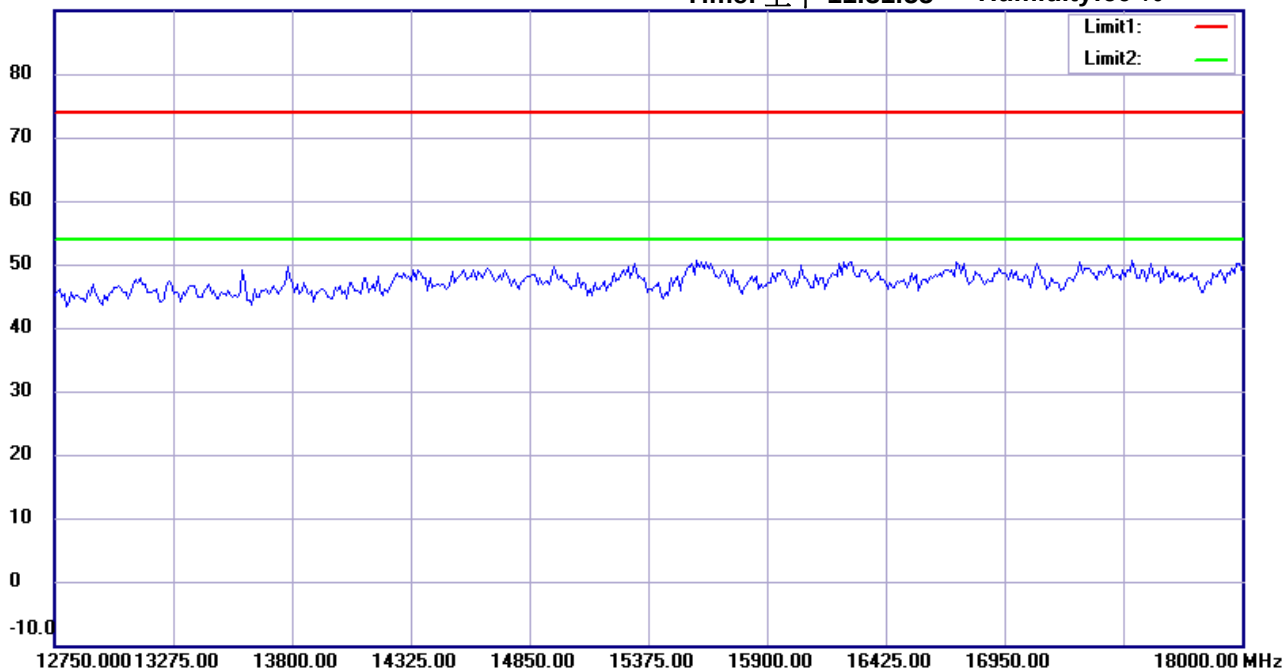
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:31:55

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #9

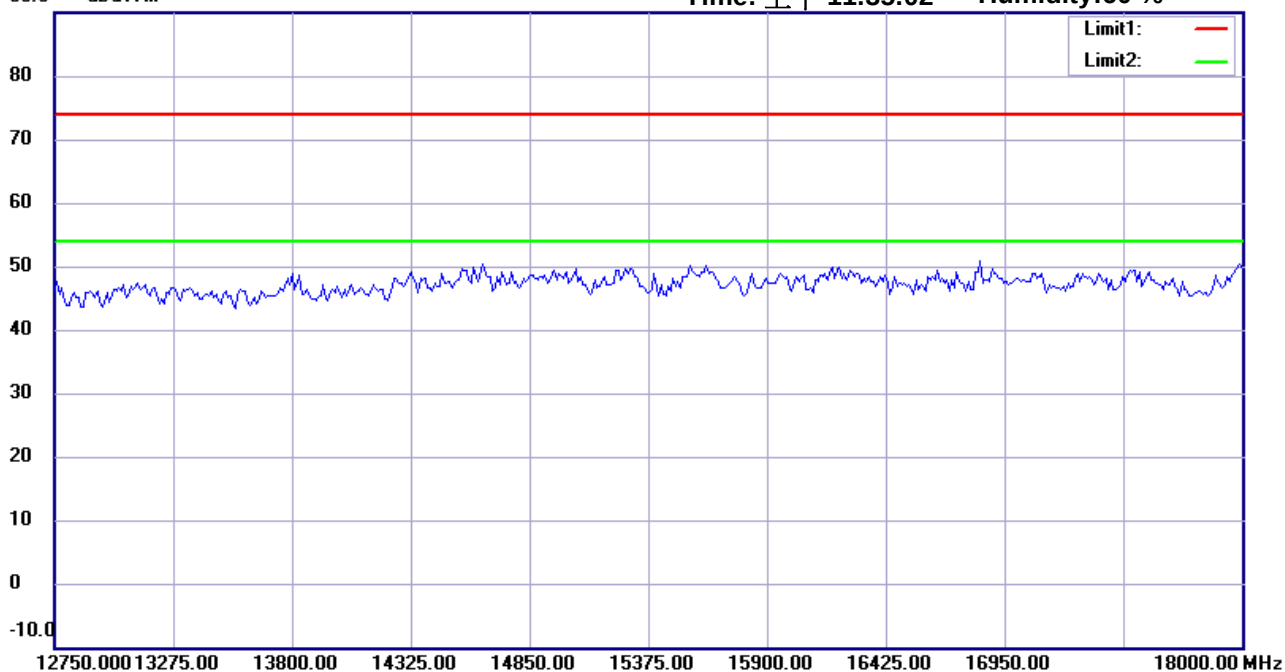
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 11:35:02

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

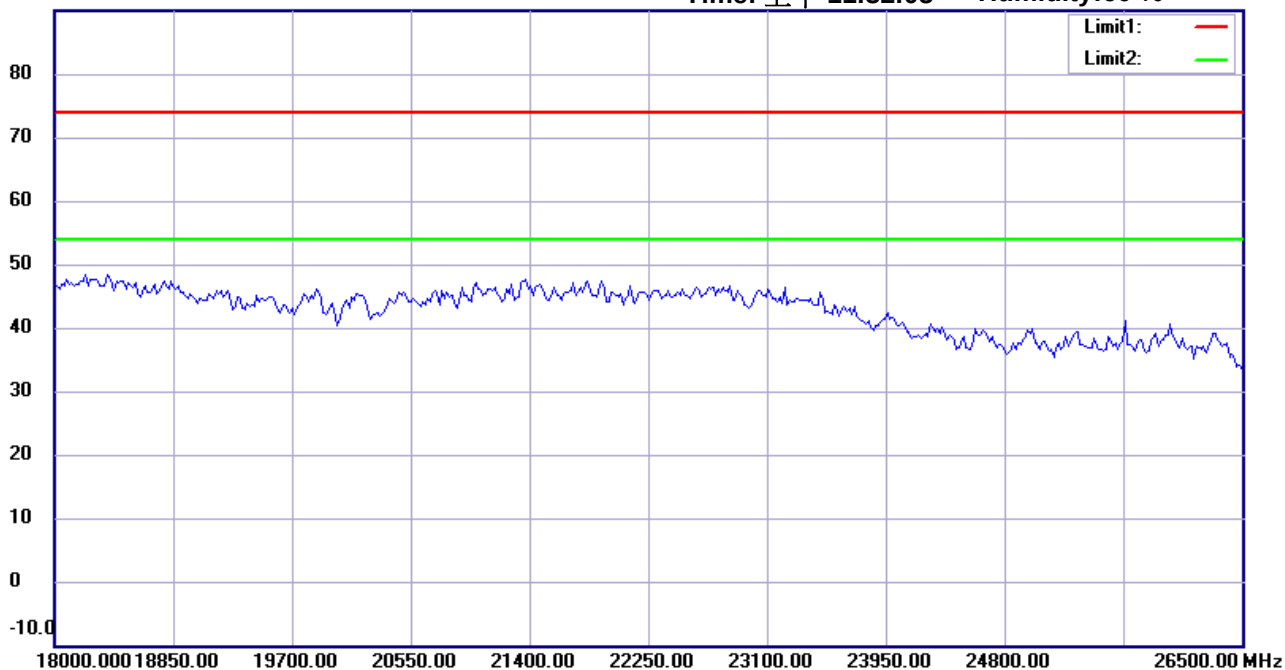
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:32:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#10

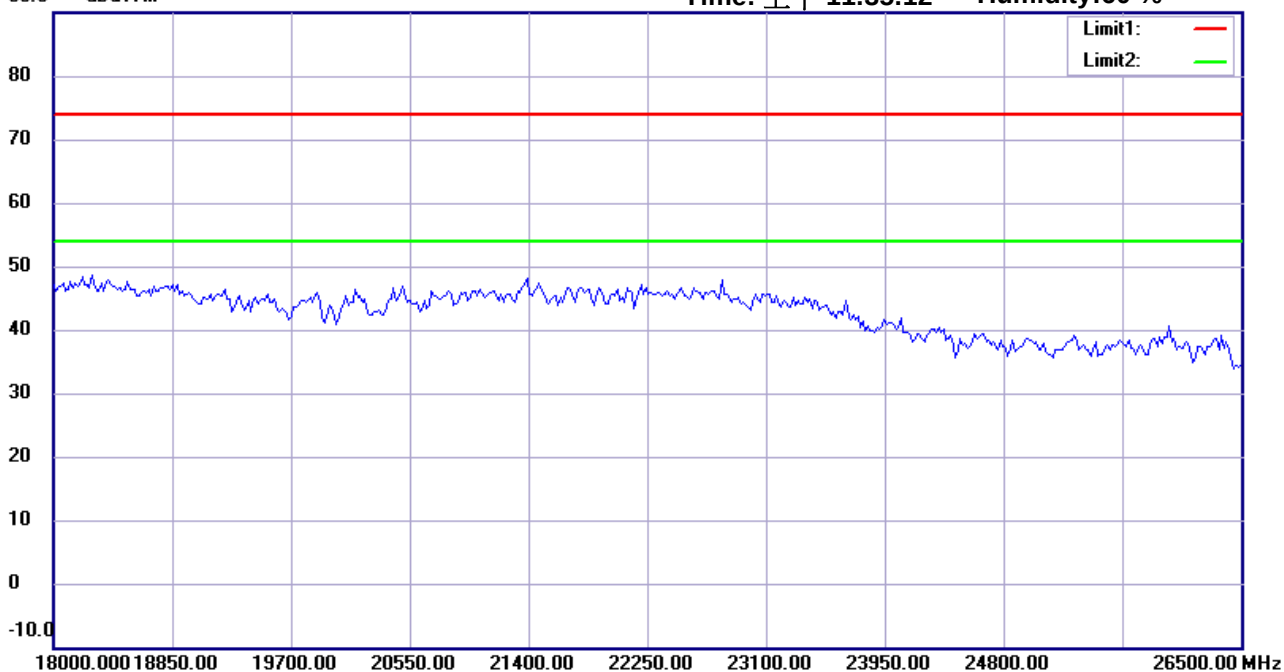
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:35:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

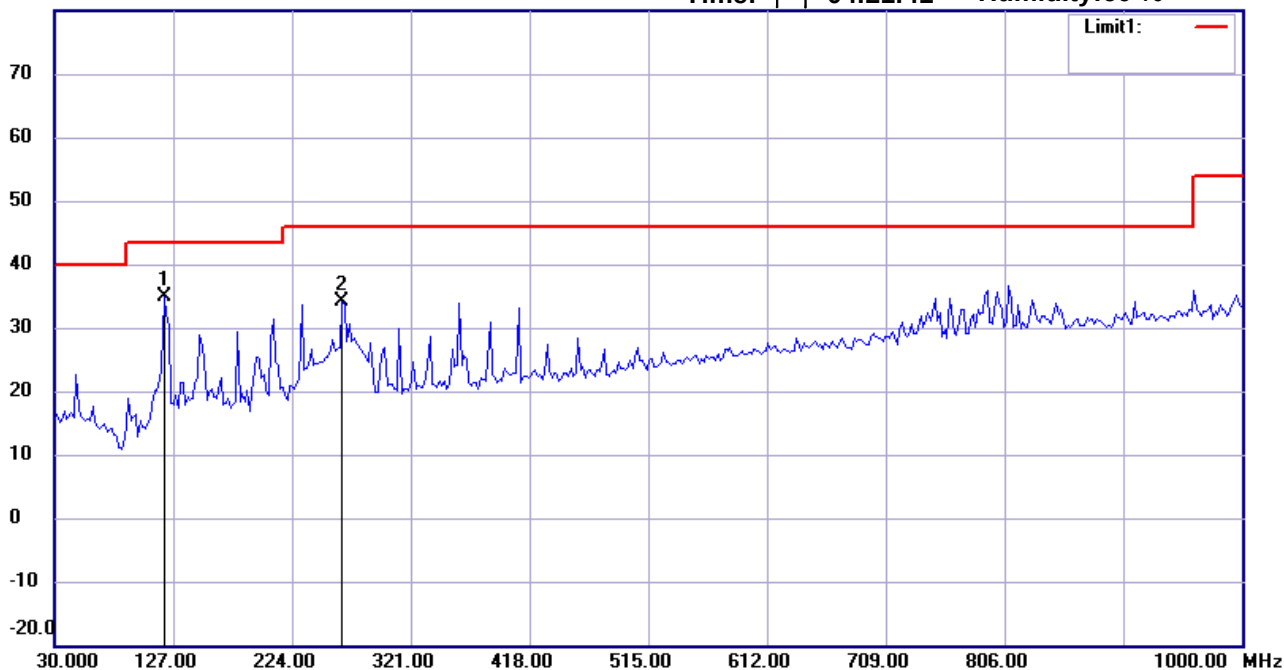
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:21:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	21.30	peak	13.62	34.92	43.50	100	90	-8.58	
	265.2102	19.30	peak	14.76	34.06	46.00	100	240	-11.94	

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

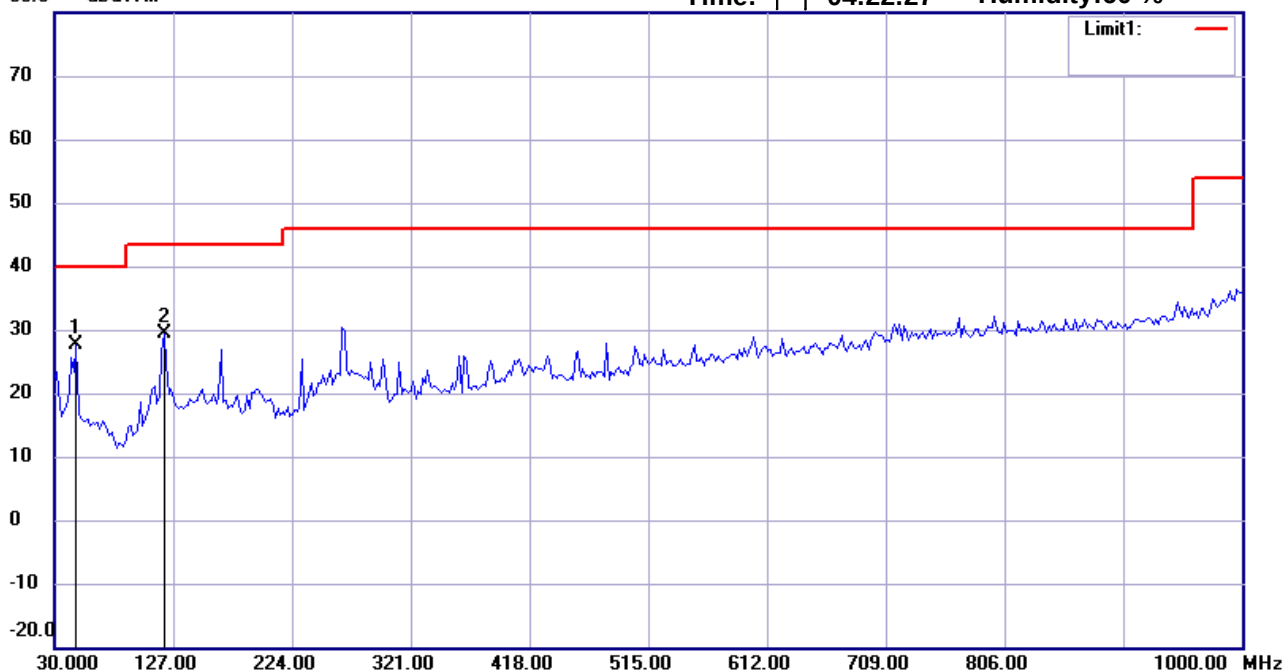
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:22:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.48	peak	14.09	27.57	40.00	100	110	-12.43	
	119.4188	15.66	peak	13.62	29.28	43.50	100	75	-14.22	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

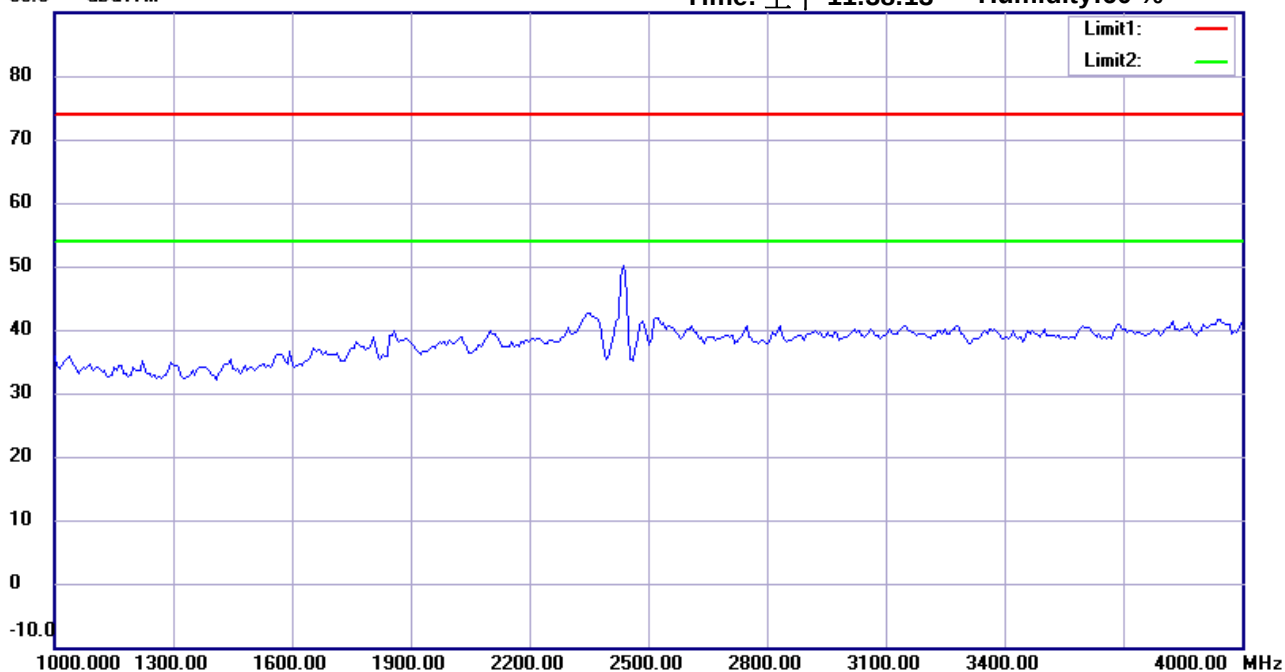
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:38:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

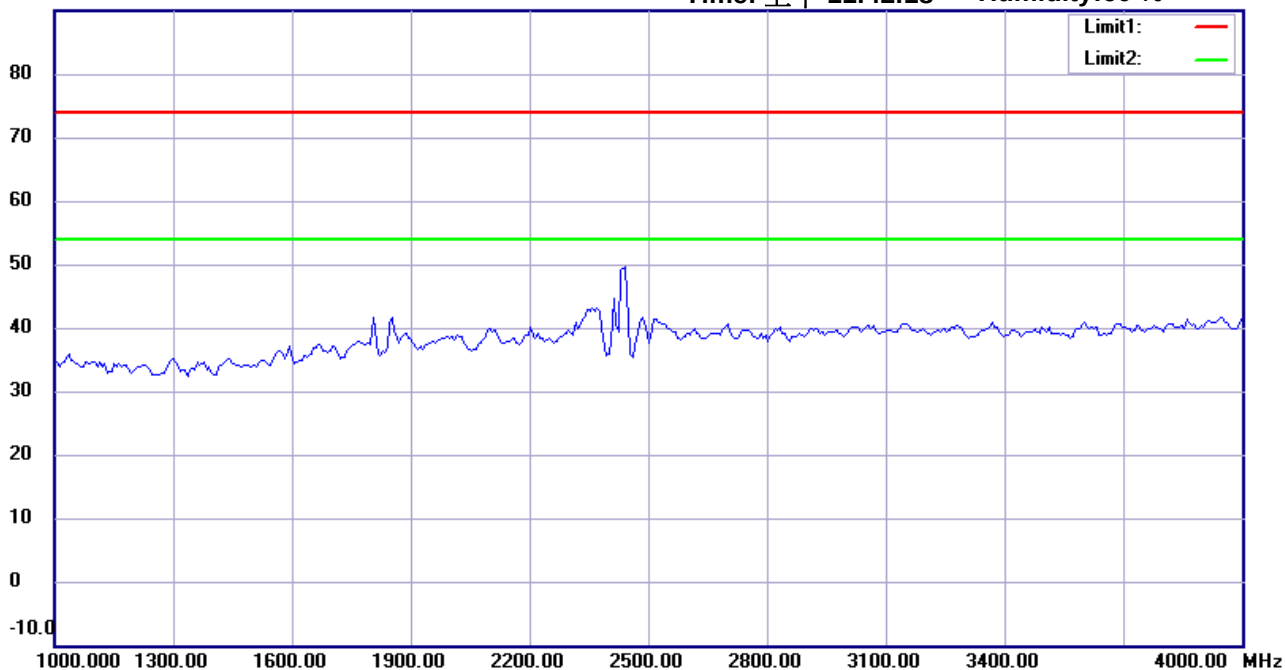
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:42:18

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#2

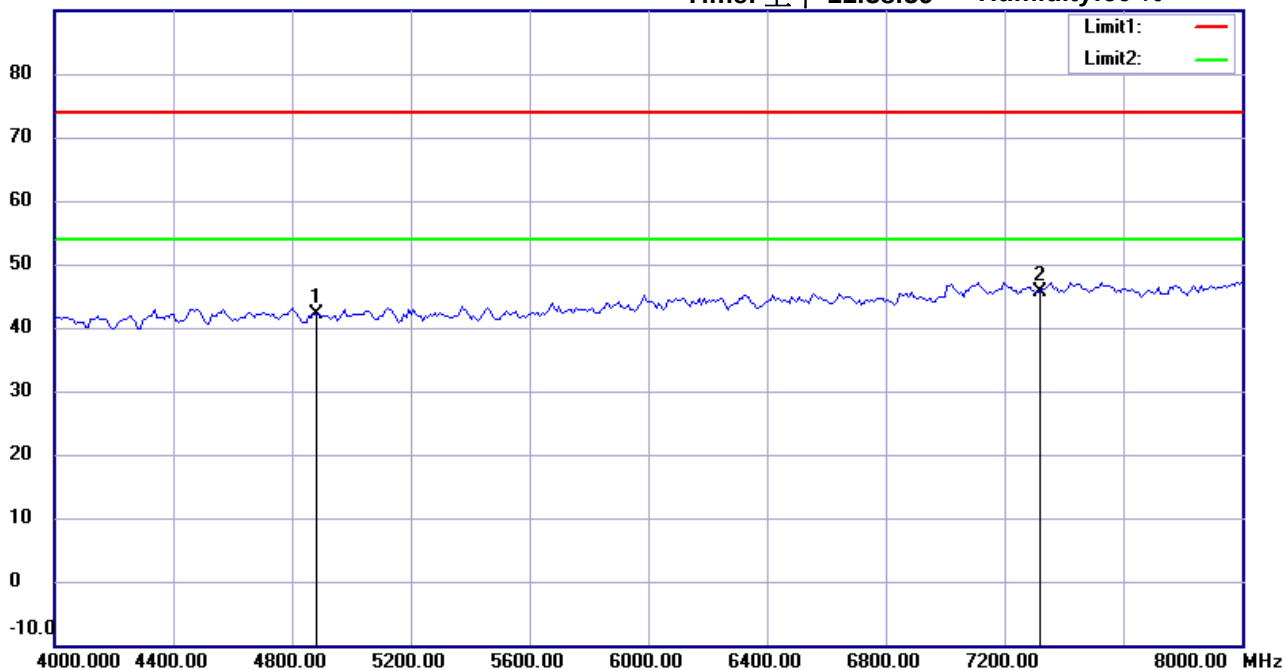
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:38:59

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.27	peak	-0.17	42.10	74.00	100	175	-31.90	
*	7311.000	40.85	peak	4.77	45.62	74.00	100	115	-28.38	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

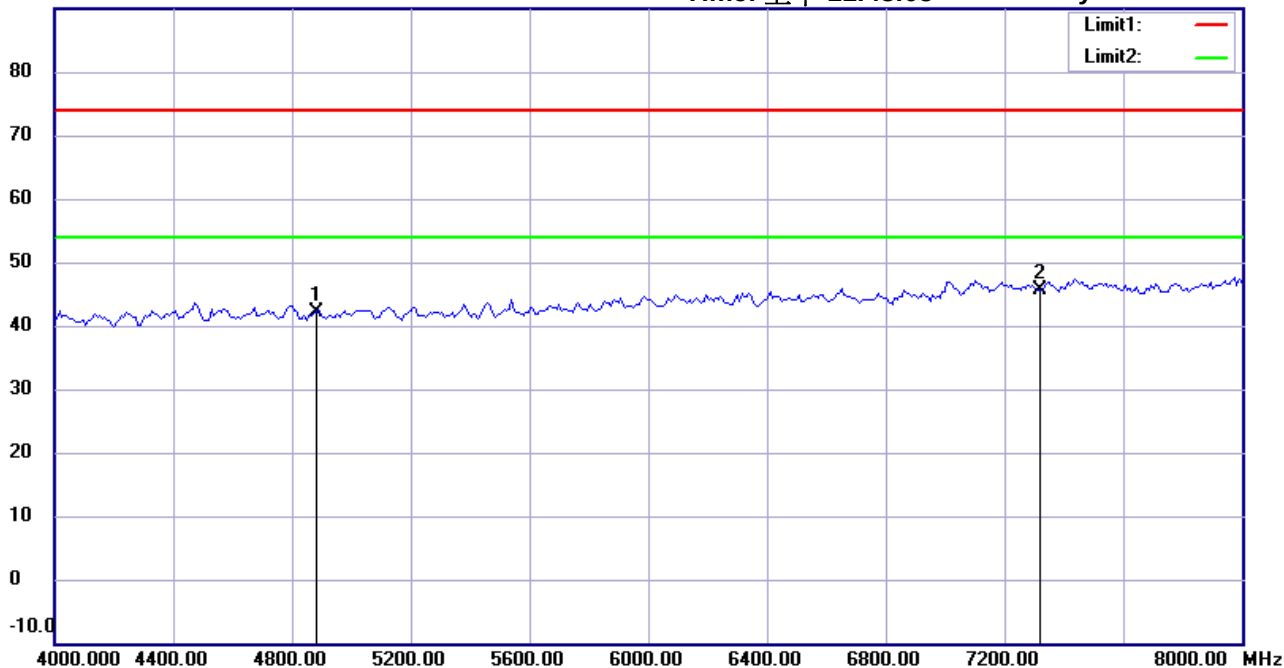
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:43:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.26	peak	-0.17	42.09	74.00	100	245	-31.91	
*	7311.000	40.84	peak	4.77	45.61	74.00	100	75	-28.39	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

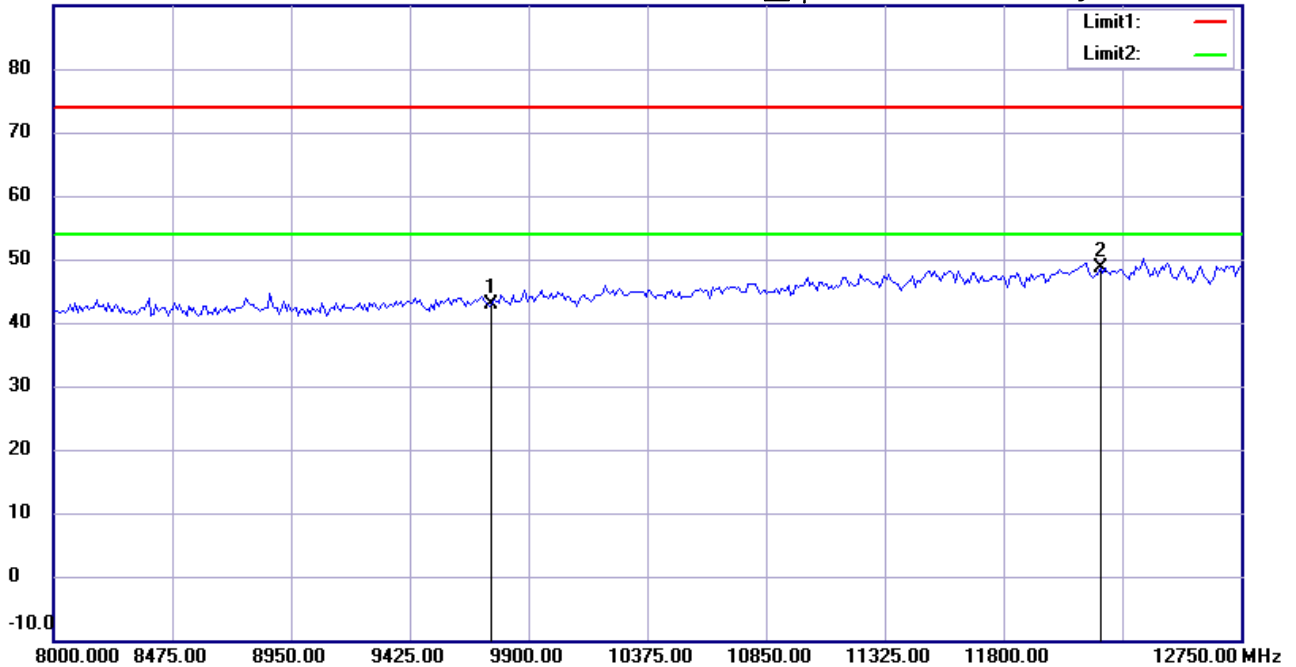
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:39:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	35.13	peak	7.79	42.92	74.00	100	205	-31.08	
*	12185.000	34.25	peak	14.28	48.53	74.00	100	95	-25.47	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

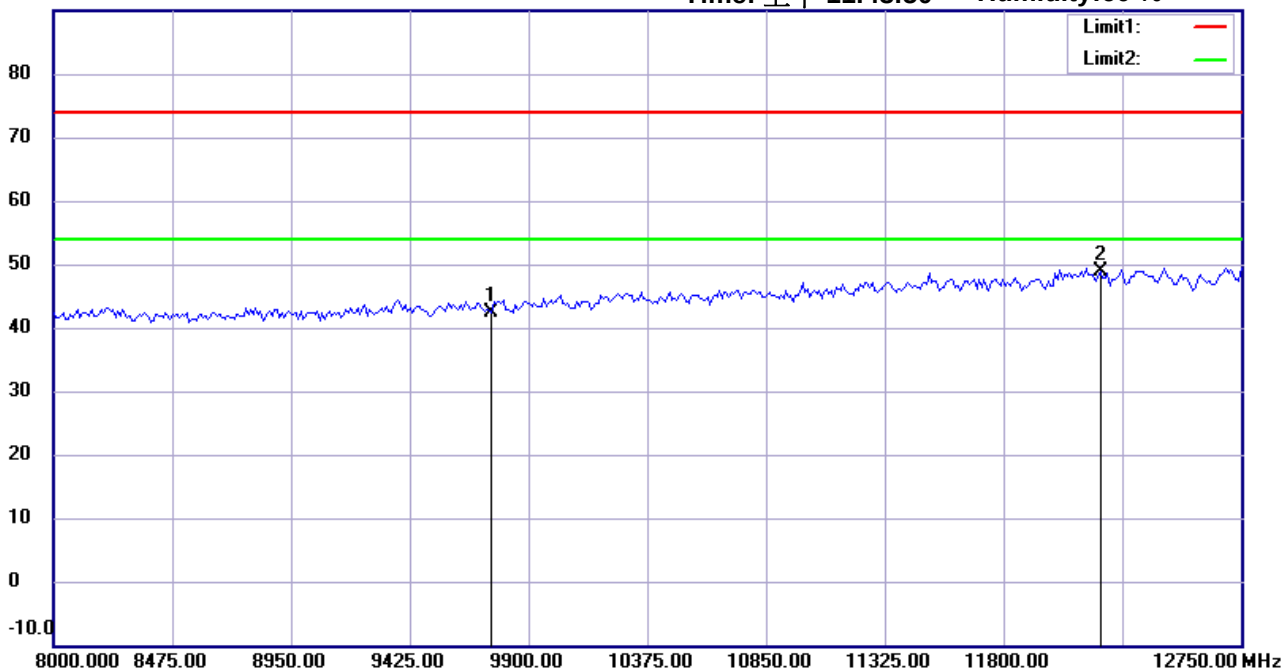
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:43:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.58	peak	7.79	42.37	74.00	100	155	-31.63	
*	12185.000	34.59	peak	14.28	48.87	74.00	100	120	-25.13	

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



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

Operator: Roy

File :3

Data :#4

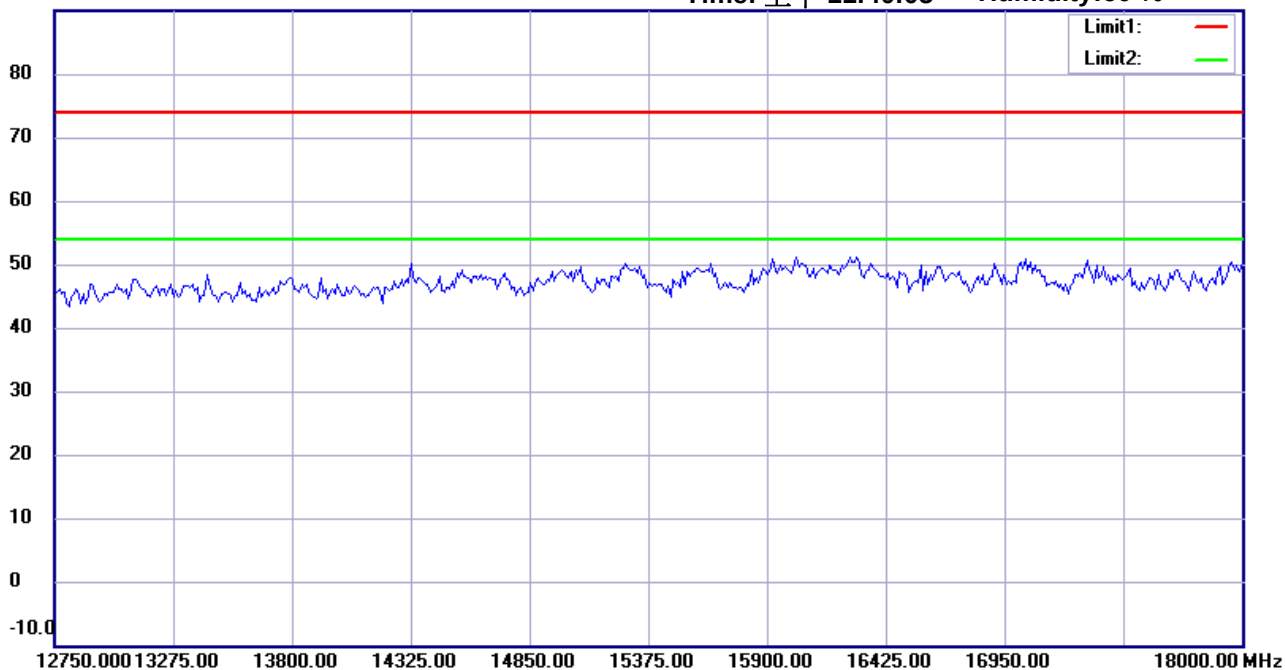
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:40:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: Horizontal

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#9

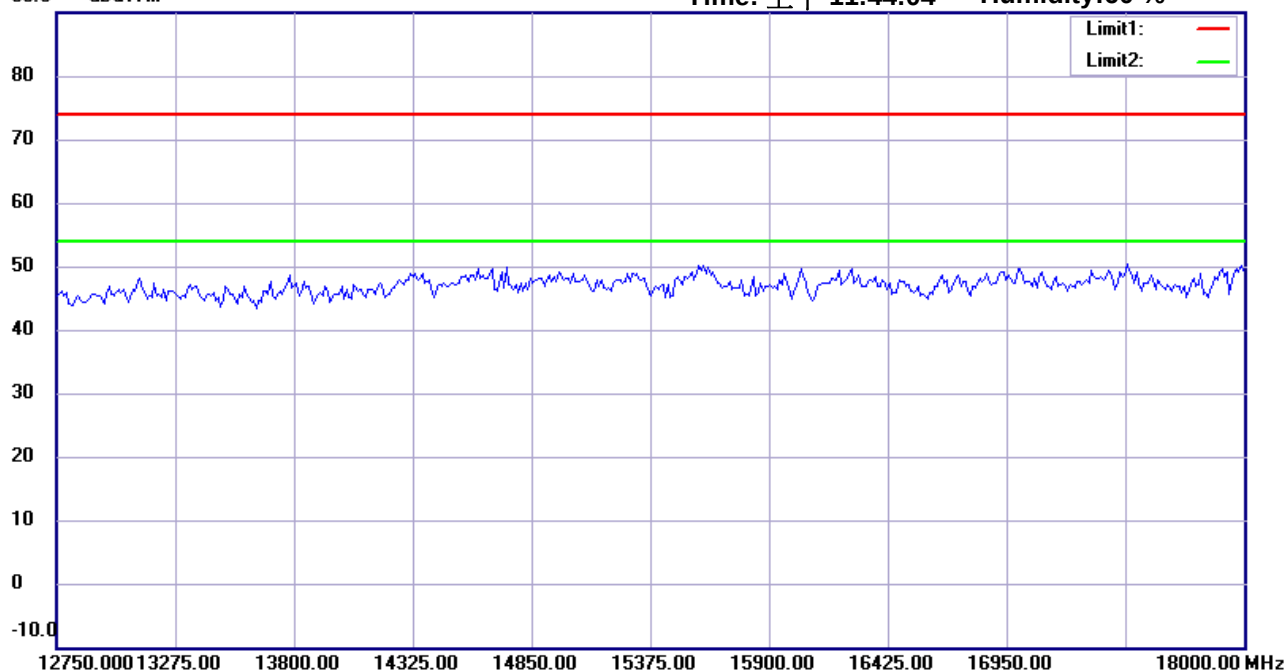
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:44:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

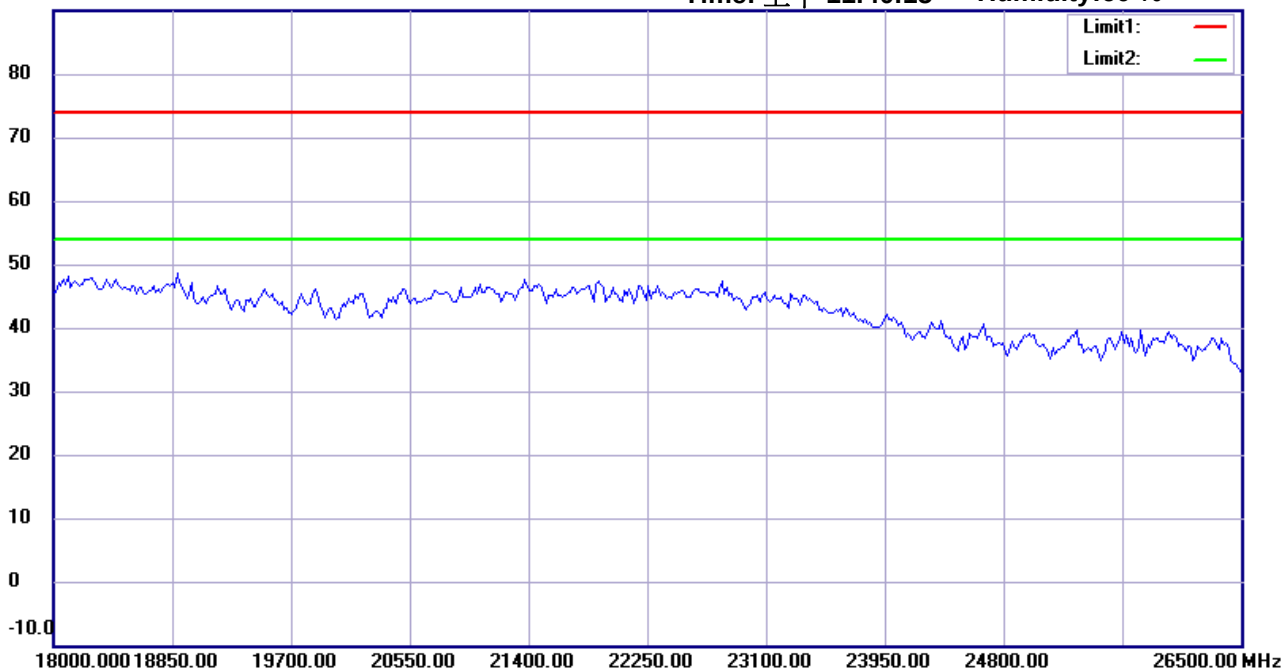
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:40:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

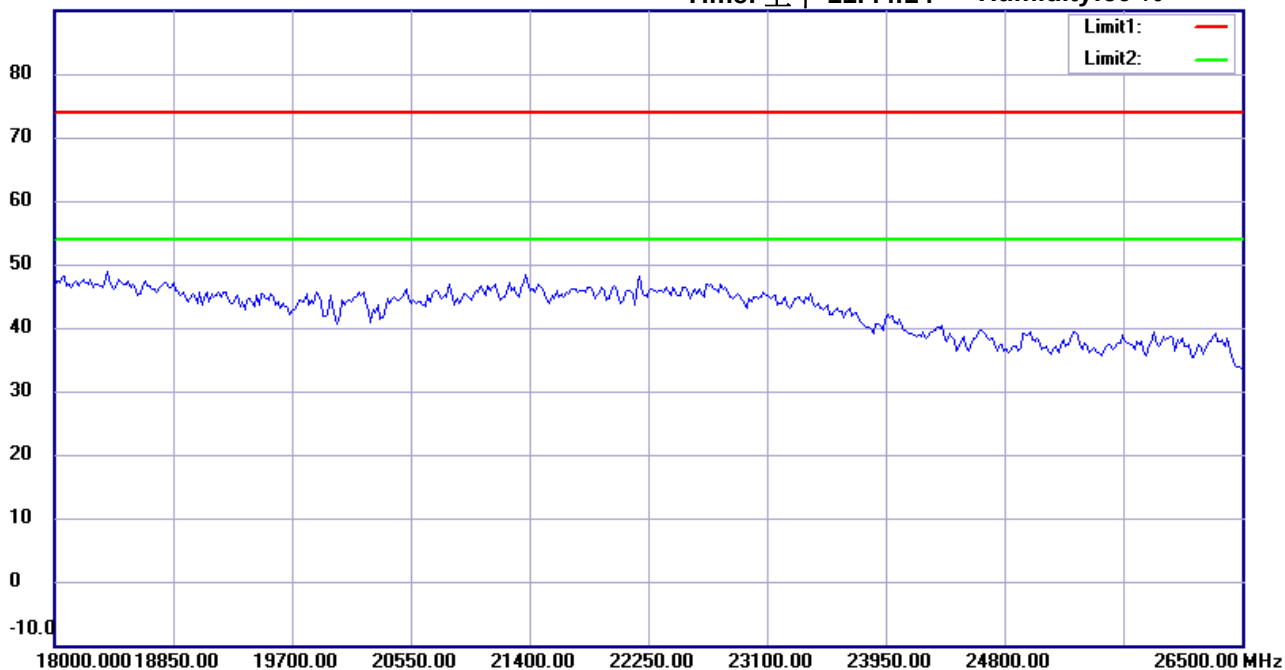
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:44:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

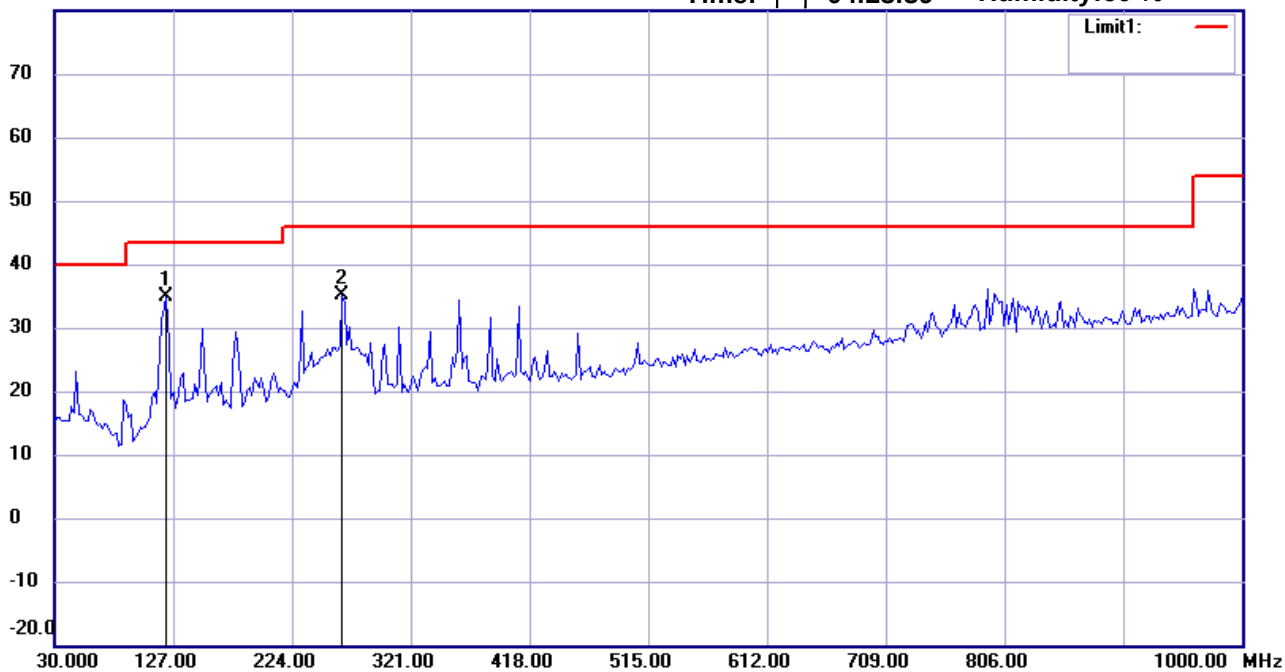
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:23:39

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	121.3627	21.14	peak	13.79	34.93	43.50	100	235	-8.57	
	265.2102	20.40	peak	14.76	35.16	46.00	100	170	-10.84	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

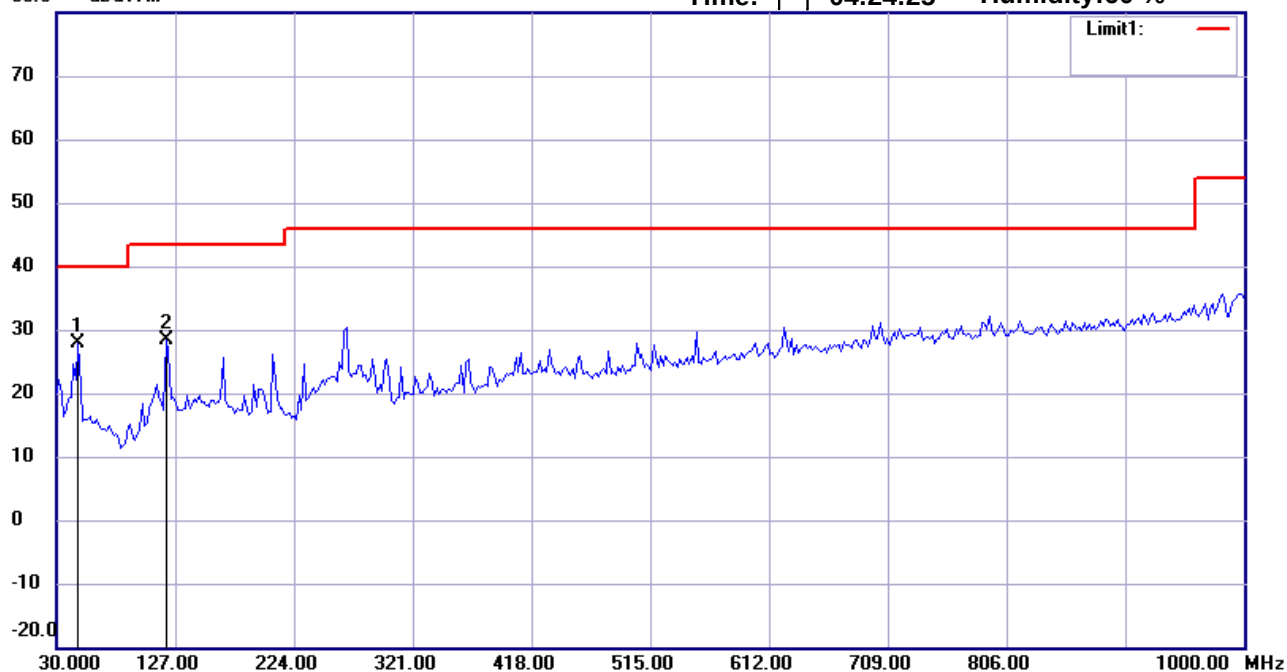
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:24:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.67	peak	14.09	27.76	40.00	100	95	-12.24	
	119.4188	14.75	peak	13.62	28.37	43.50	100	110	-15.13	



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

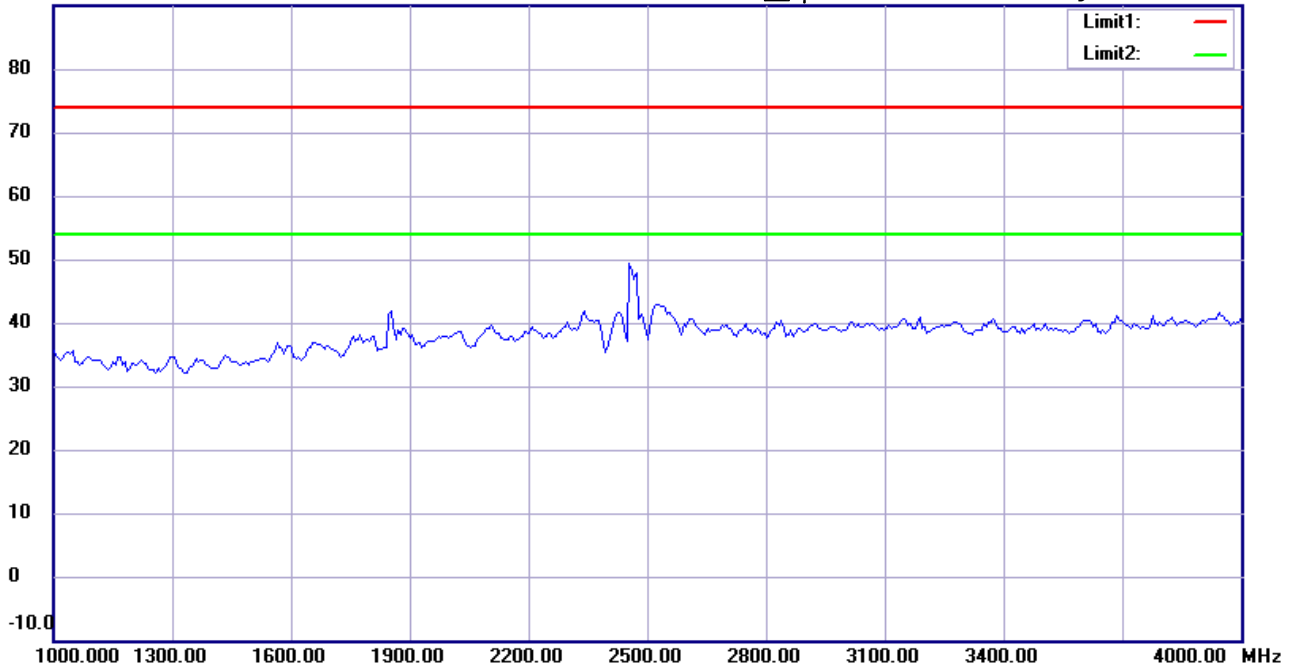
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:48:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

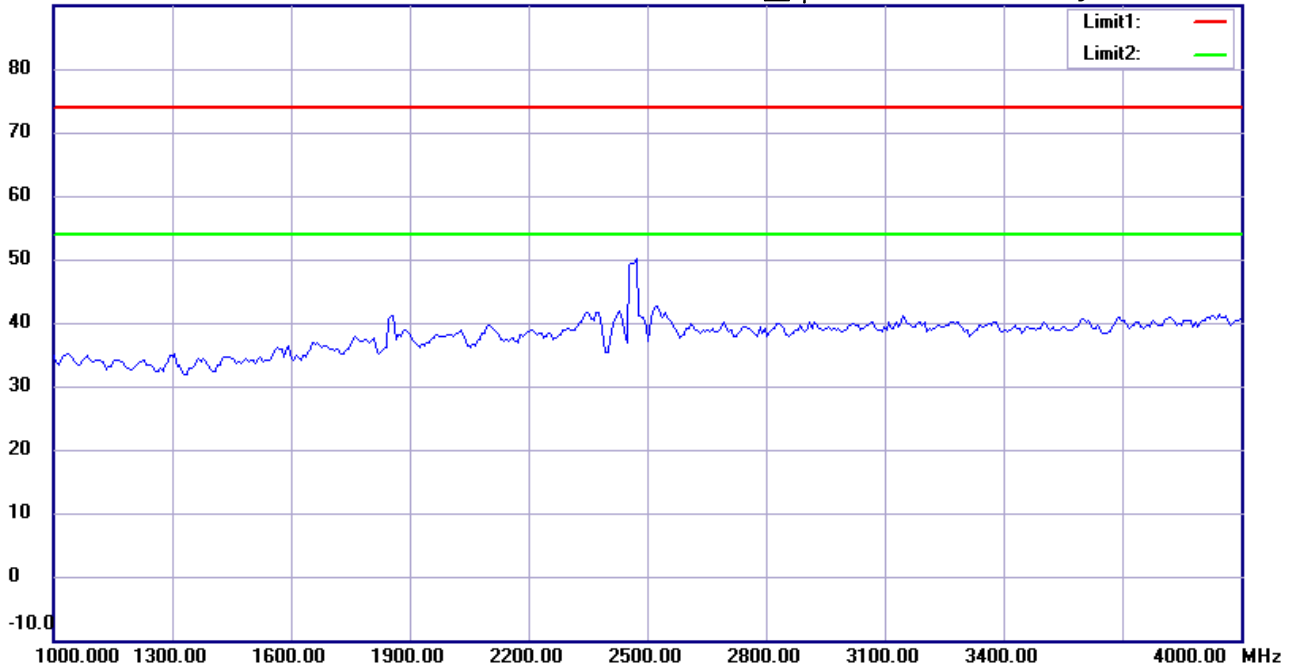
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:51:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

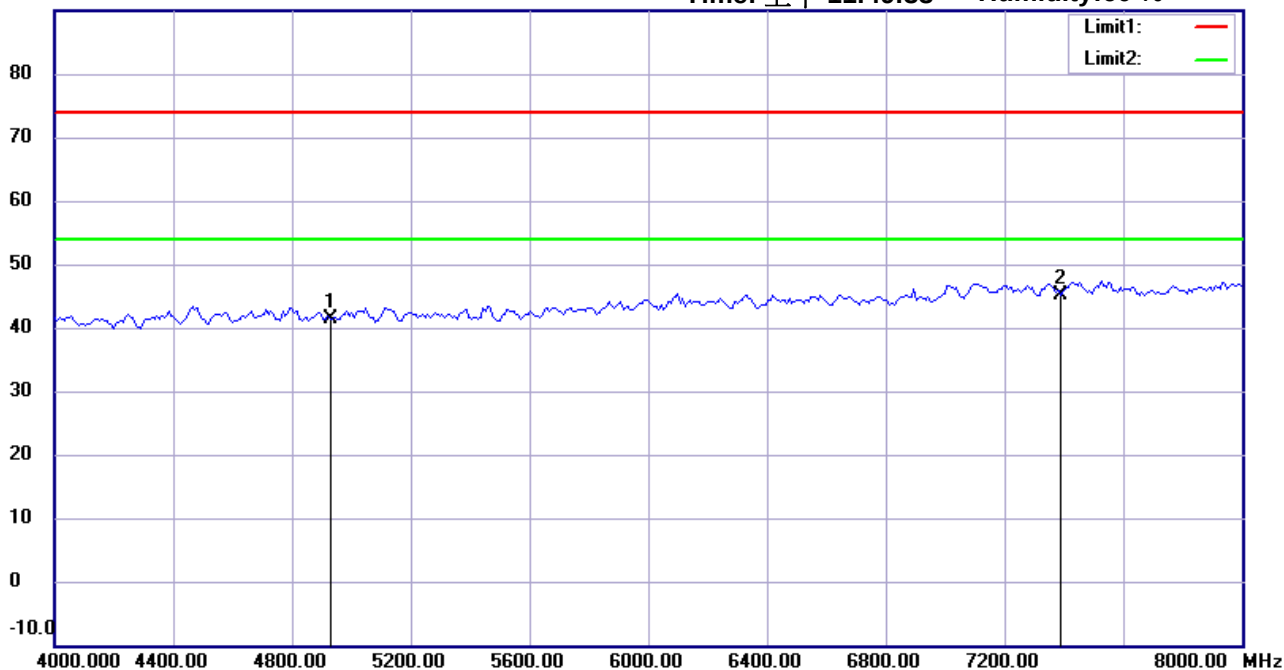
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:49:33

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	41.39	peak	0.02	41.41	74.00	100	255	-32.59	
*	7386.000	40.00	peak	5.25	45.25	74.00	100	140	-28.75	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

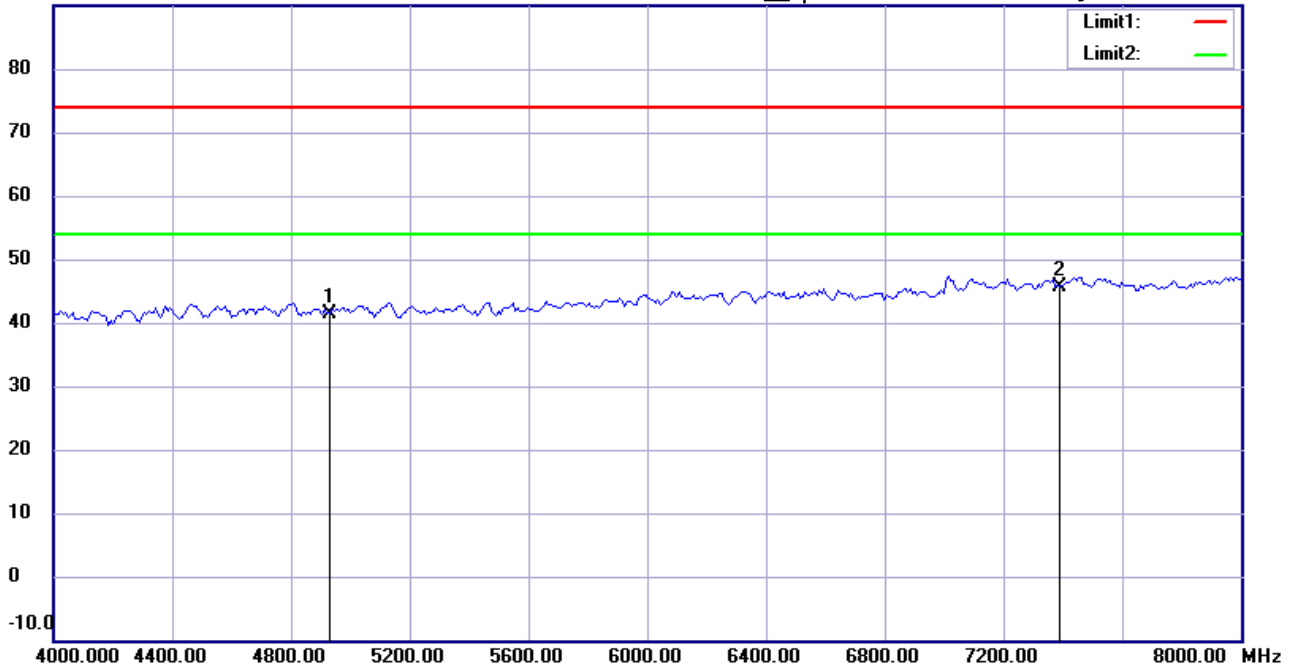
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:52:22

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	41.48	peak	0.02	41.50	74.00	100	330	-32.50	
*	7386.000	40.36	peak	5.25	45.61	74.00	100	225	-28.39	

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



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

Operator: Roy

File :3

Data :#3

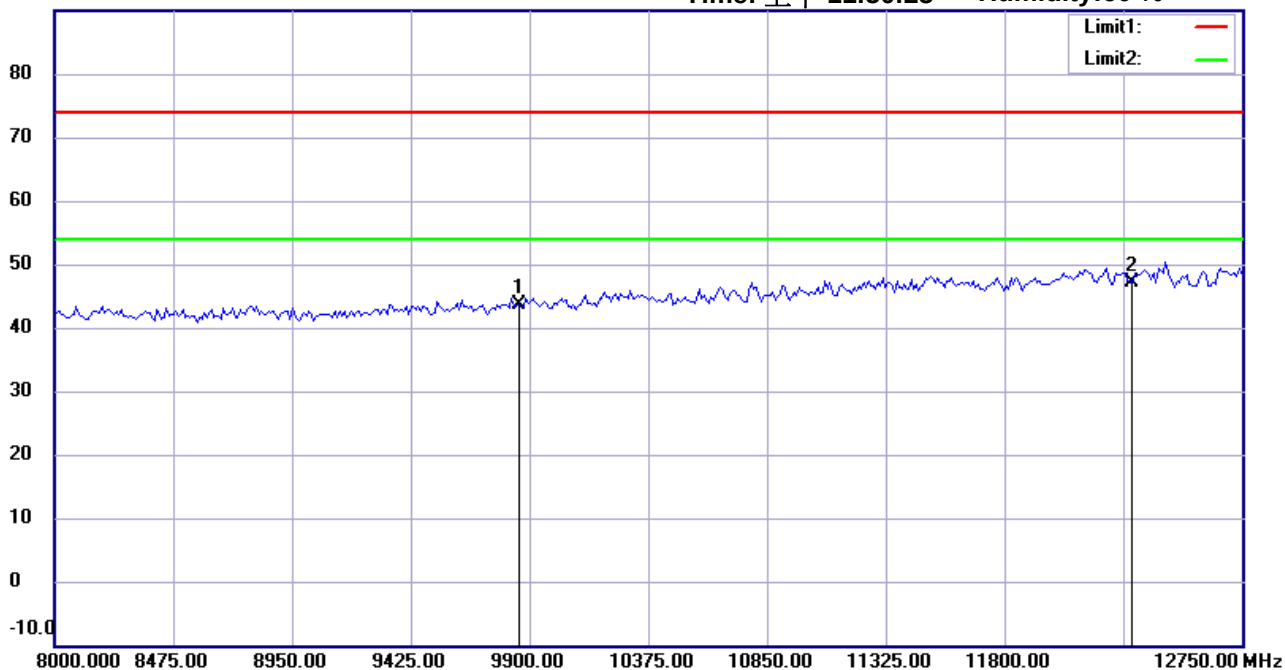
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:50:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.72	peak	7.98	43.70	74.00	100	320	-30.30	
*	12310.000	33.46	peak	13.69	47.15	74.00	100	295	-26.85	

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



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

Operator: Roy

File :3

Data :#8

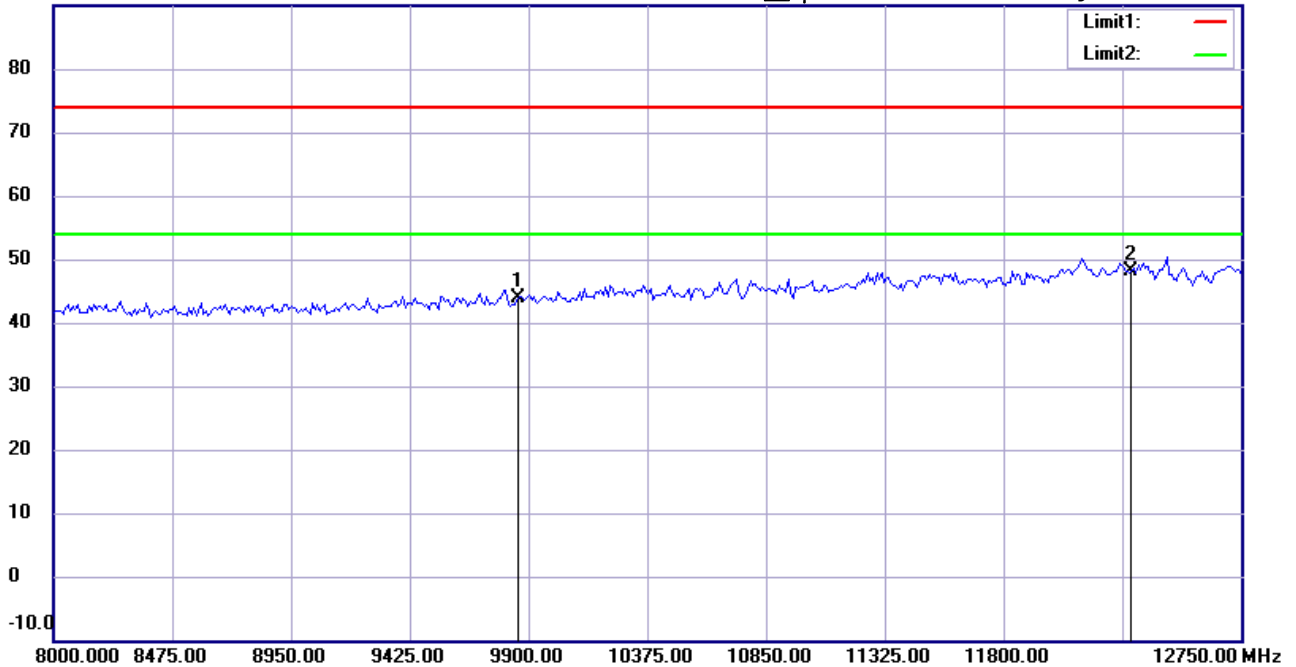
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:53:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.85	peak	7.98	43.83	74.00	100	160	-30.17	
*	12310.000	34.37	peak	13.69	48.06	74.00	100	105	-25.94	

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



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

Operator: Roy

File :3

Data :#4

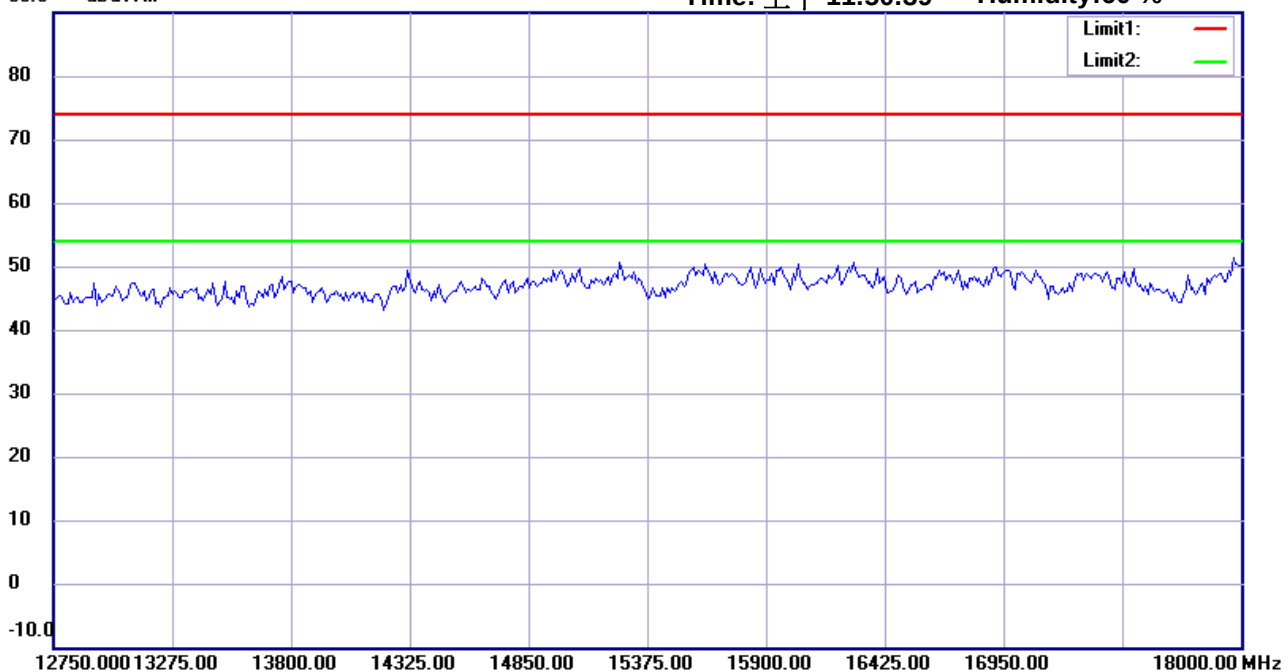
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:50:39

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#9

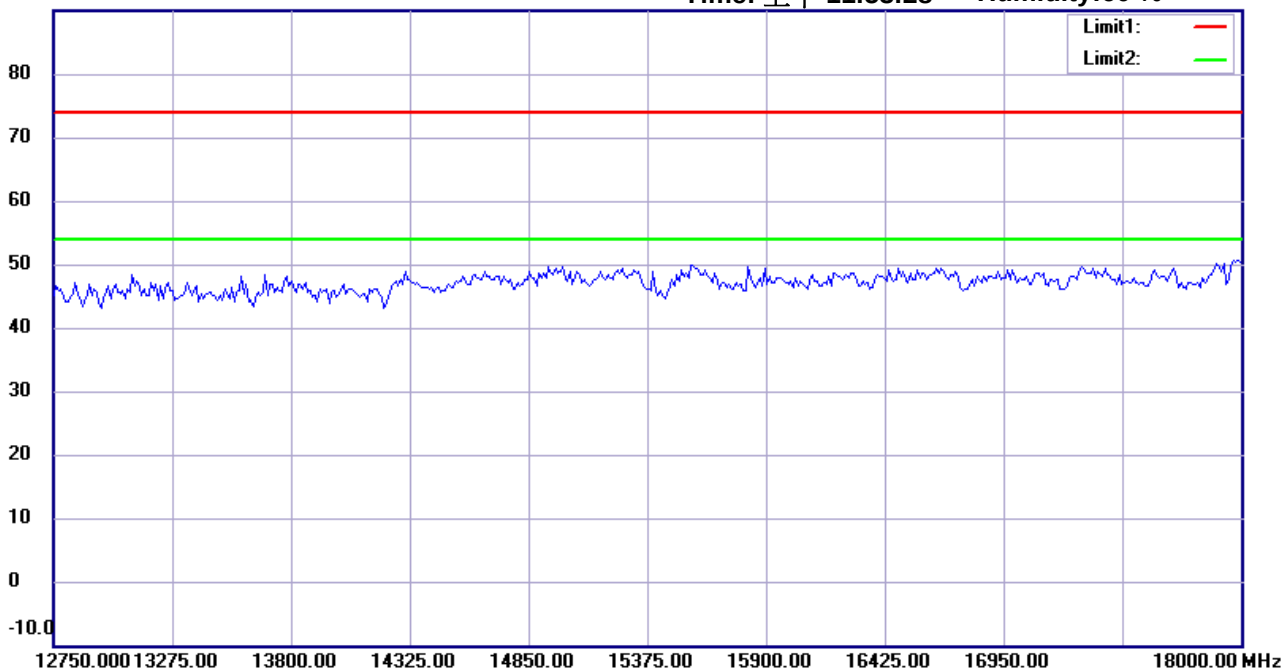
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:53:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

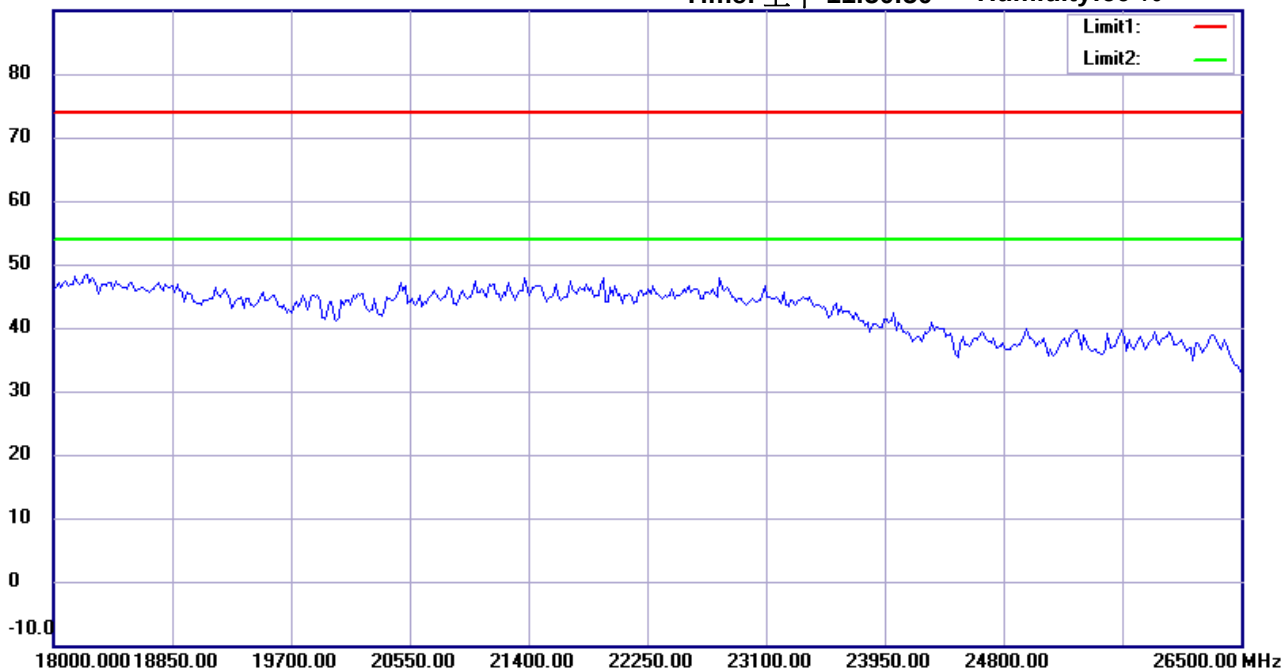
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:50:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Operator: Roy

File :3

Data :#10

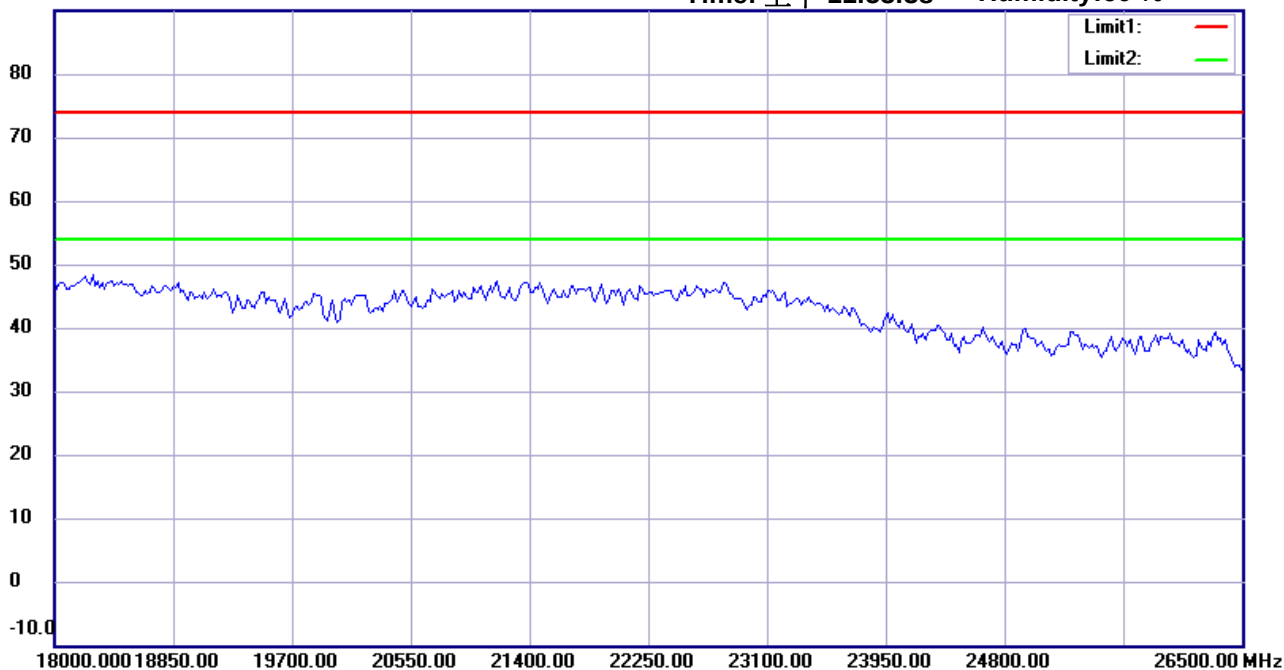
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:53:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

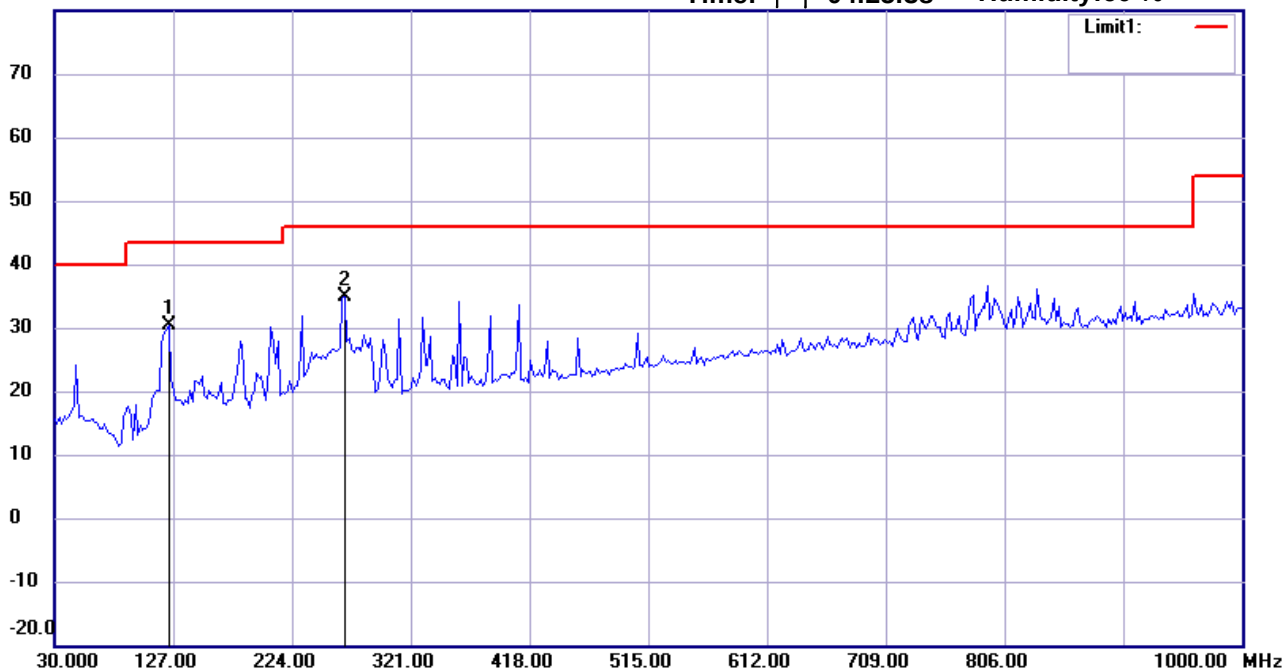
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:25:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	123.3066	16.42	peak	13.95	30.37	43.50	100	190	-13.13	
*	267.1542	19.97	peak	14.84	34.81	46.00	100	55	-11.19	



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

Operator: Leon

File :1

Data :#2

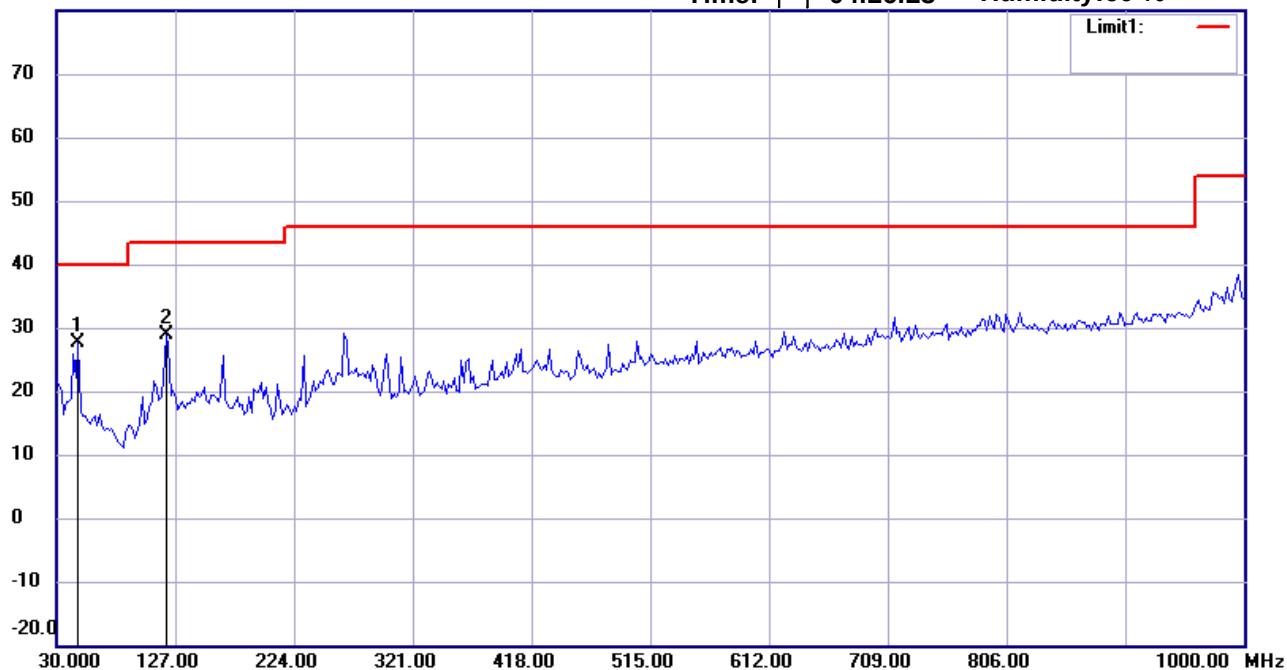
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:26:23

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.66	peak	14.09	27.75	40.00	100	210	-12.25	
	119.4188	15.23	peak	13.62	28.85	43.50	100	265	-14.65	

*: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: Roy

File :3

Data :#1

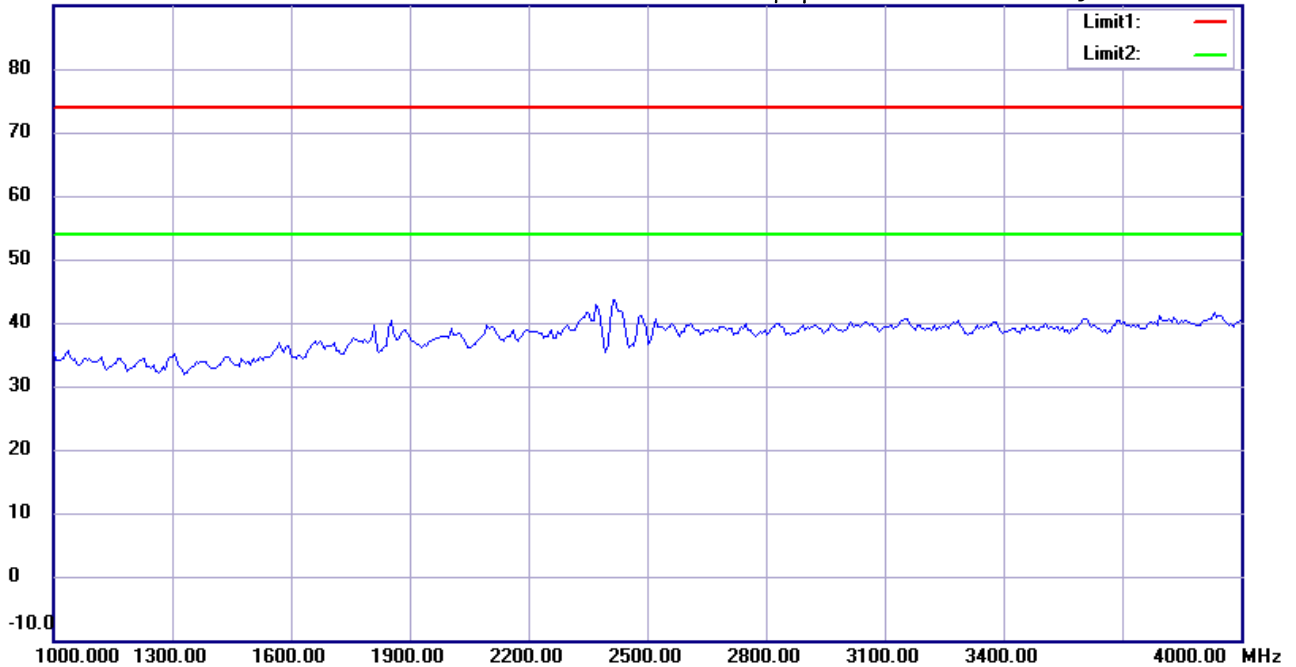
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:07:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#6

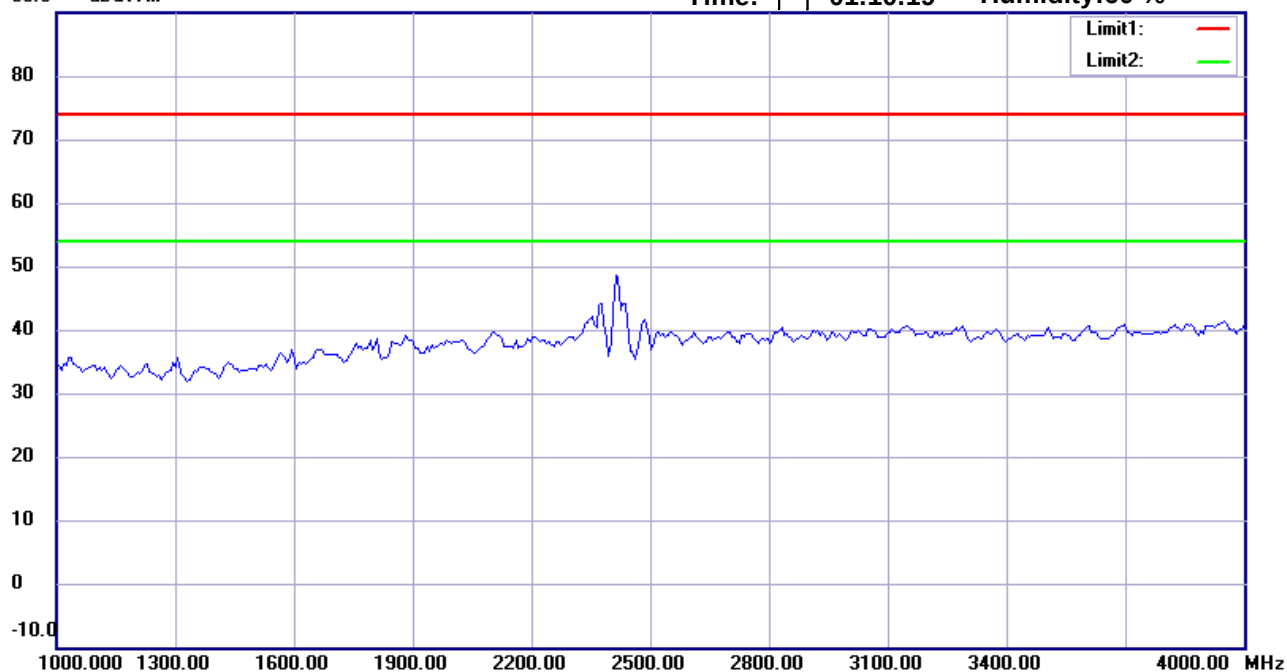
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:10:19

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Operator: Roy

File :3

Data :#2

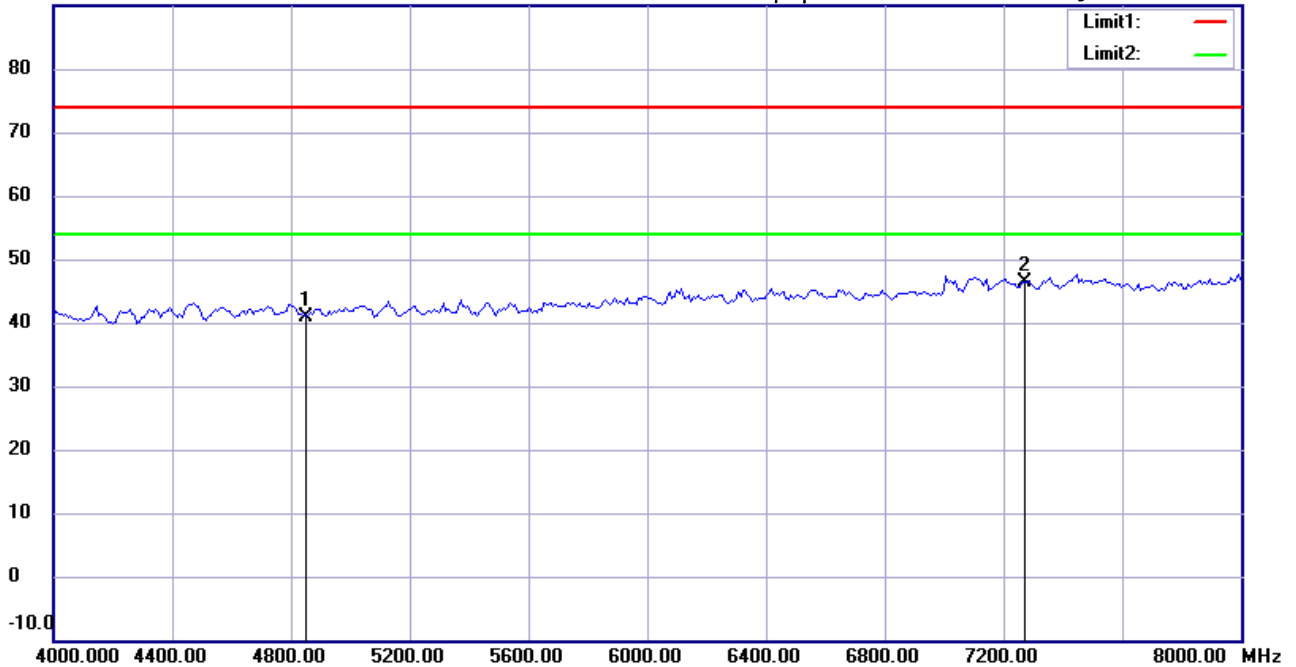
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:08:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4844.000	41.09	peak	-0.23	40.86	74.00	100	145	-33.14	
*	7266.000	41.68	peak	4.67	46.35	74.00	100	70	-27.65	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

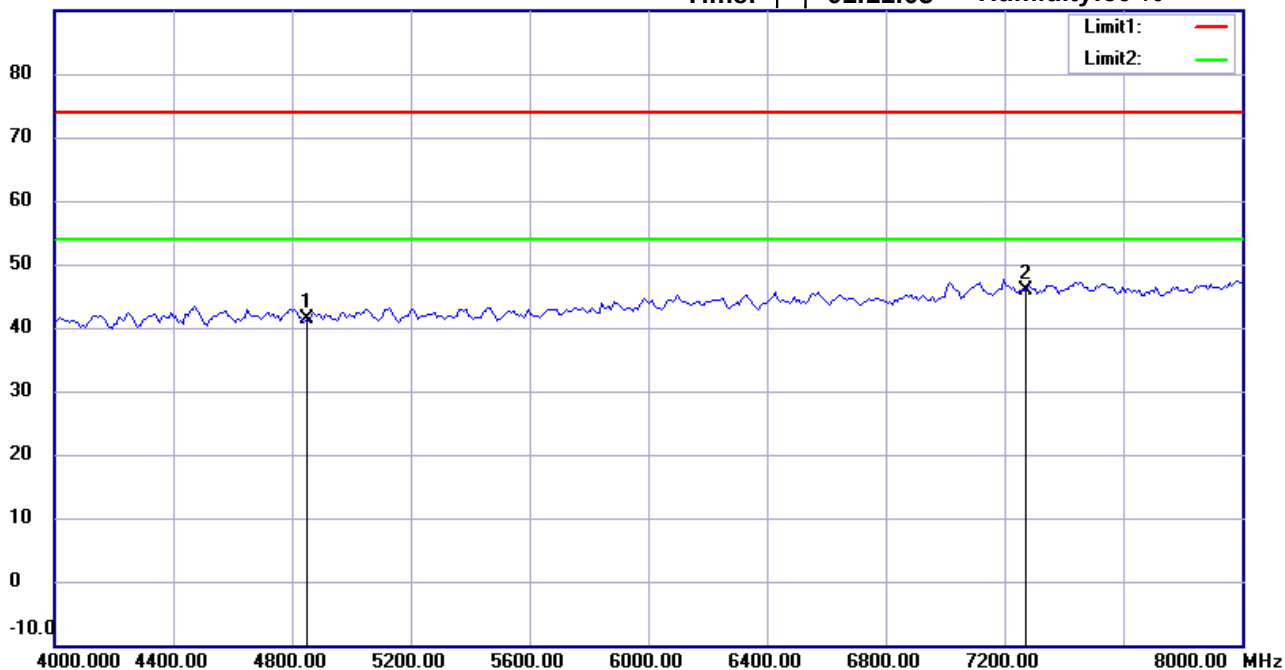
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:11:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4844.000	41.70	peak	-0.23	41.47	74.00	100	260	-32.53	
*	7266.000	41.30	peak	4.67	45.97	74.00	100	225	-28.03	

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



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

Operator: Roy

File :3

Data :#3

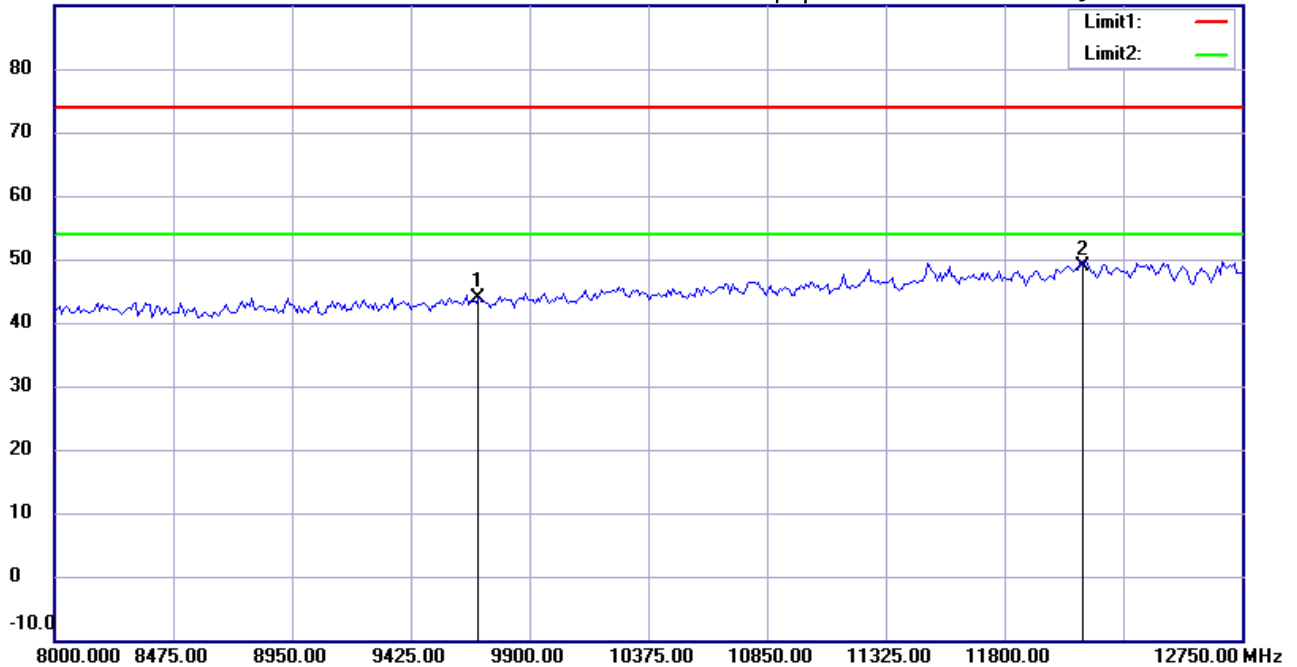
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:09:09

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9688.000	36.22	peak	7.74	43.96	74.00	100	120	-30.04	
*	12110.000	34.58	peak	14.24	48.82	74.00	100	55	-25.18	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

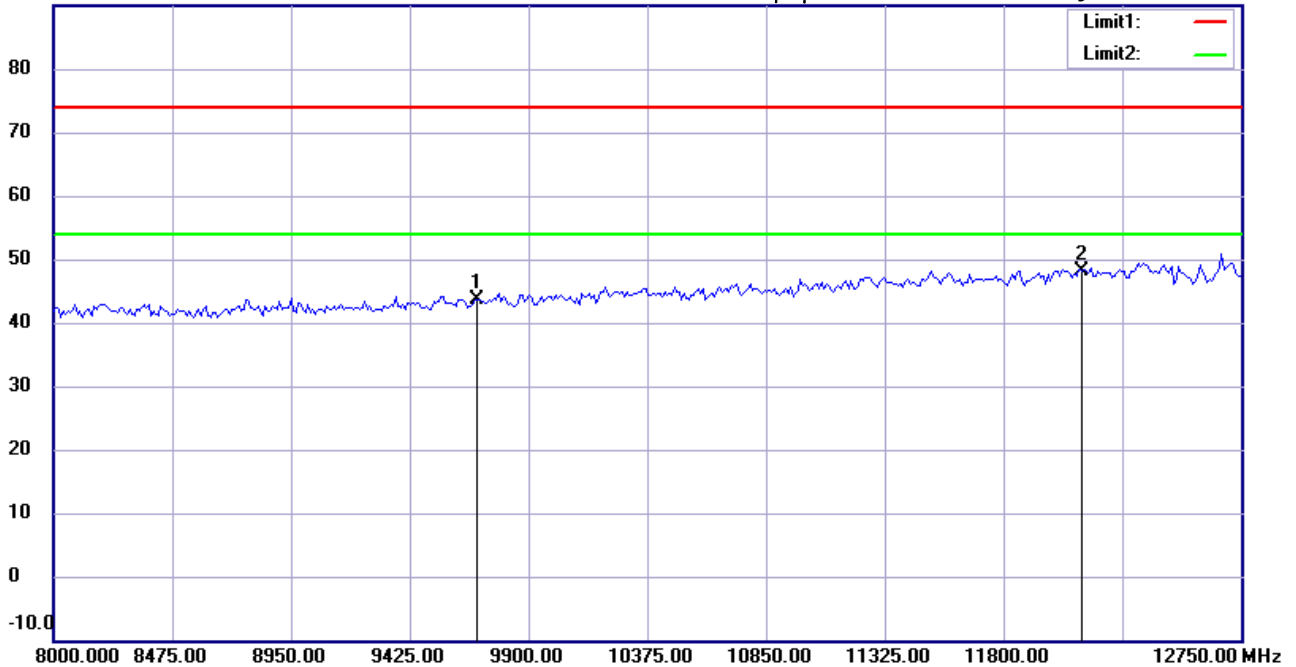
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:11:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9688.000	35.97	peak	7.74	43.71	74.00	100	175	-30.29	
*	12110.000	33.99	peak	14.24	48.23	74.00	100	115	-25.77	

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



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

Operator: Roy

File :3

Data :#4

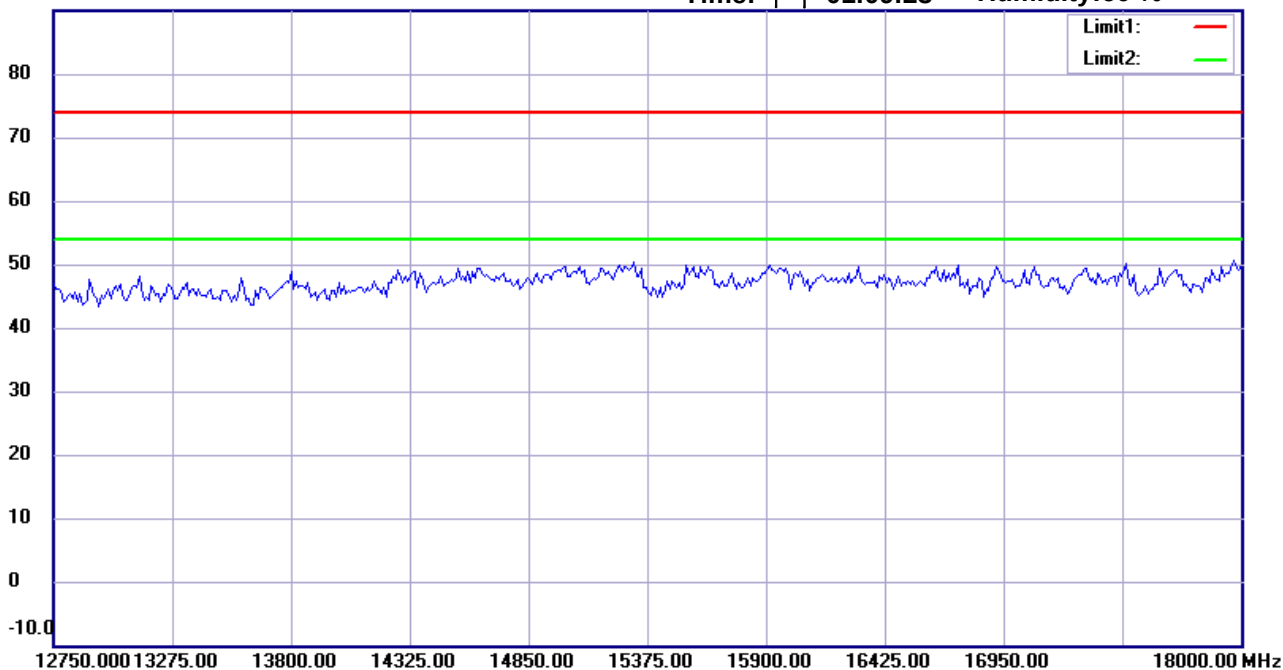
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:09:23

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#9

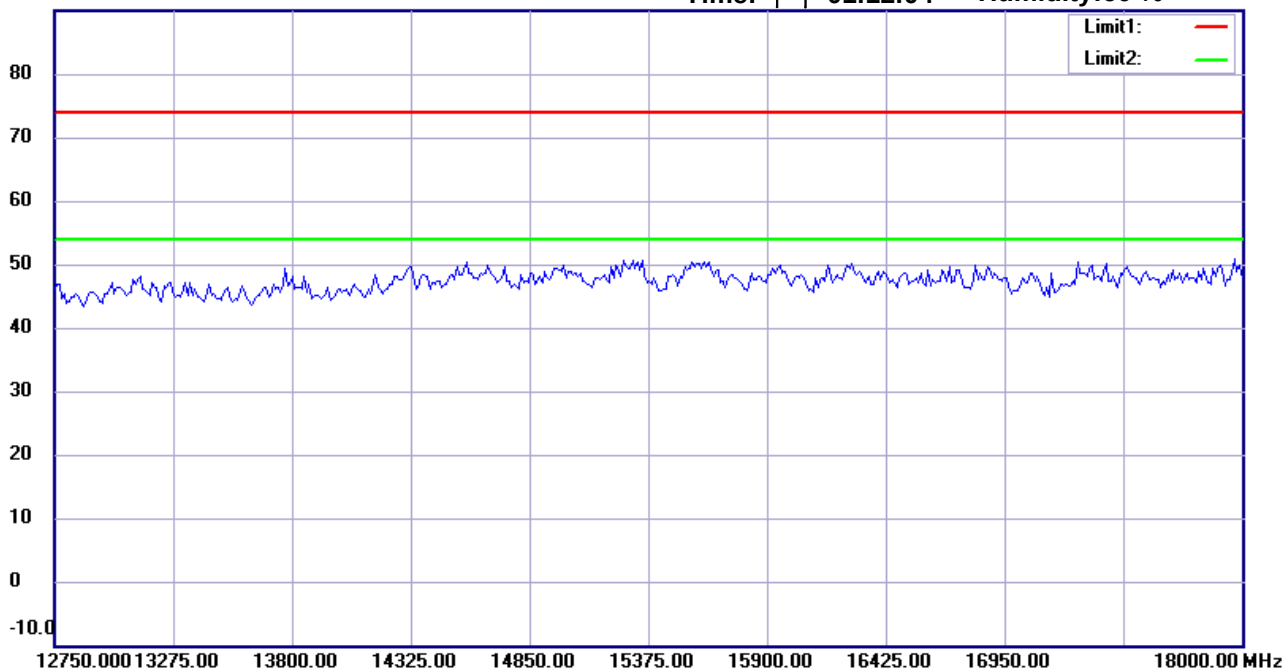
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:12:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

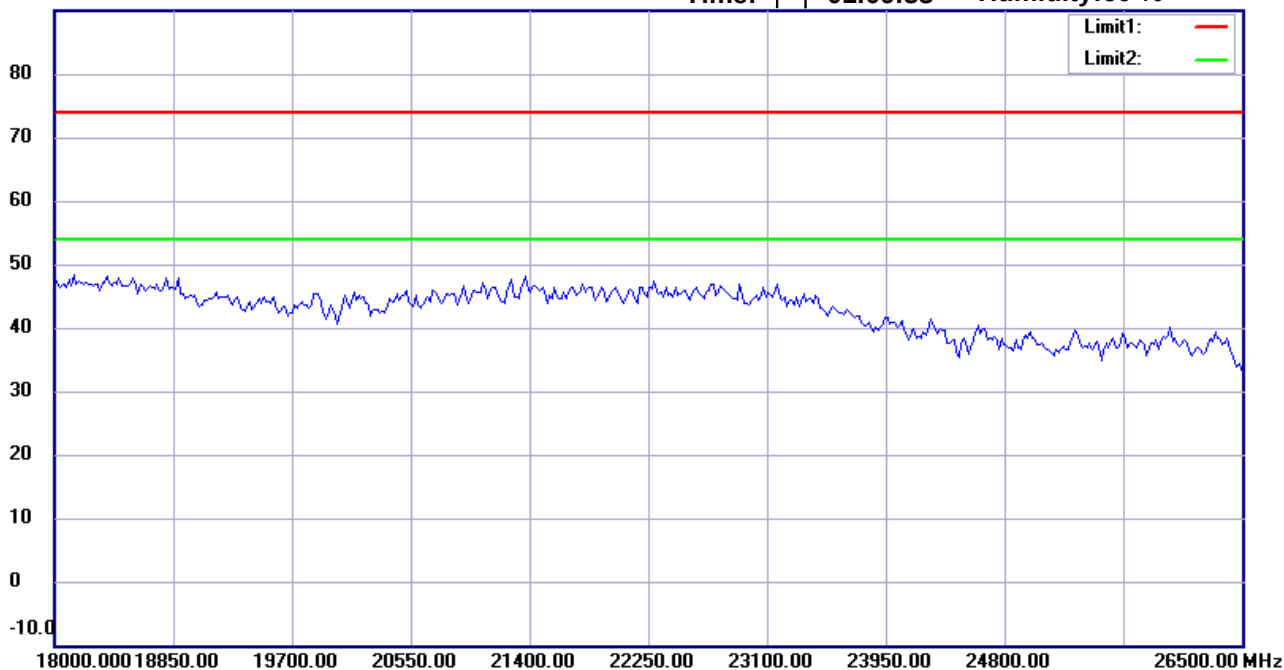
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:09:33

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Operator: Roy

File :3

Data :#10

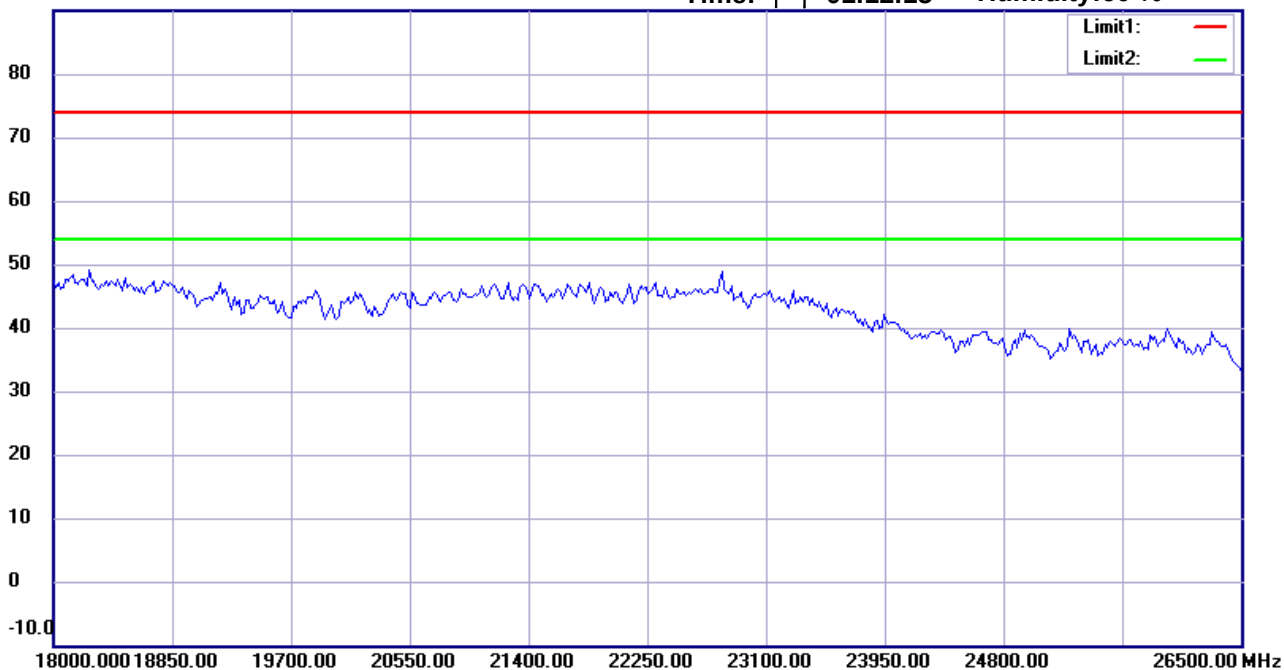
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:12:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

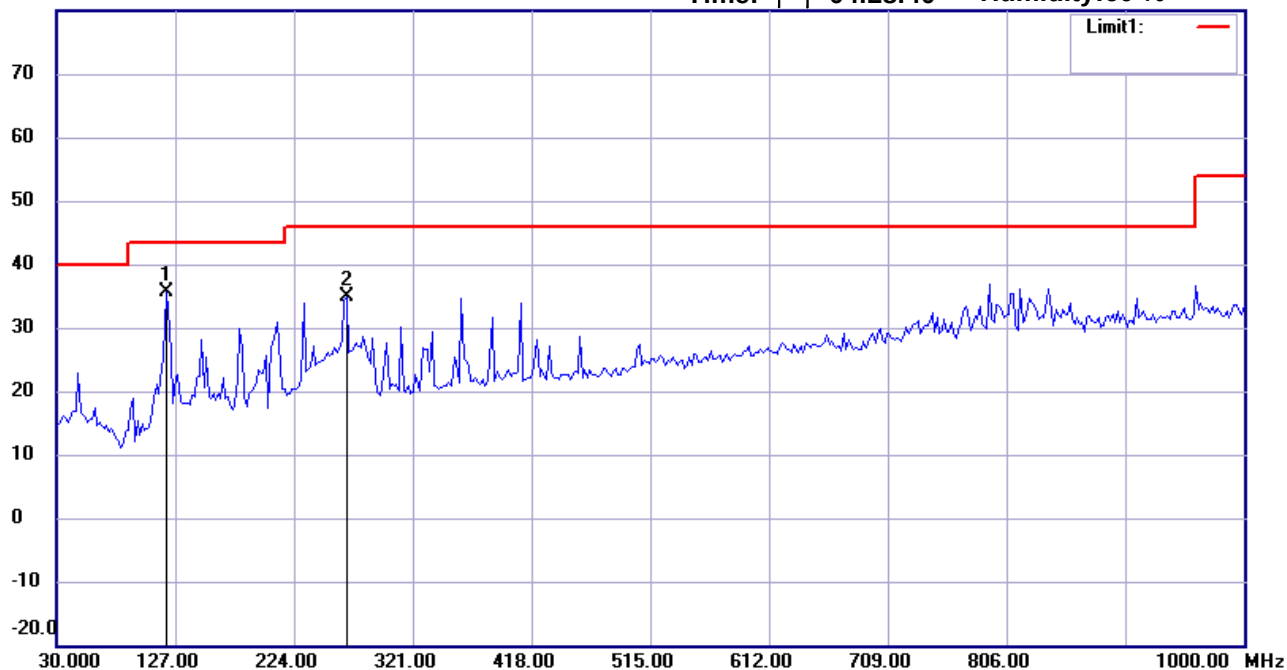
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:28:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	22.06	peak	13.62	35.68	43.50	100	215	-7.82	
	267.1542	19.99	peak	14.84	34.83	46.00	100	180	-11.17	

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

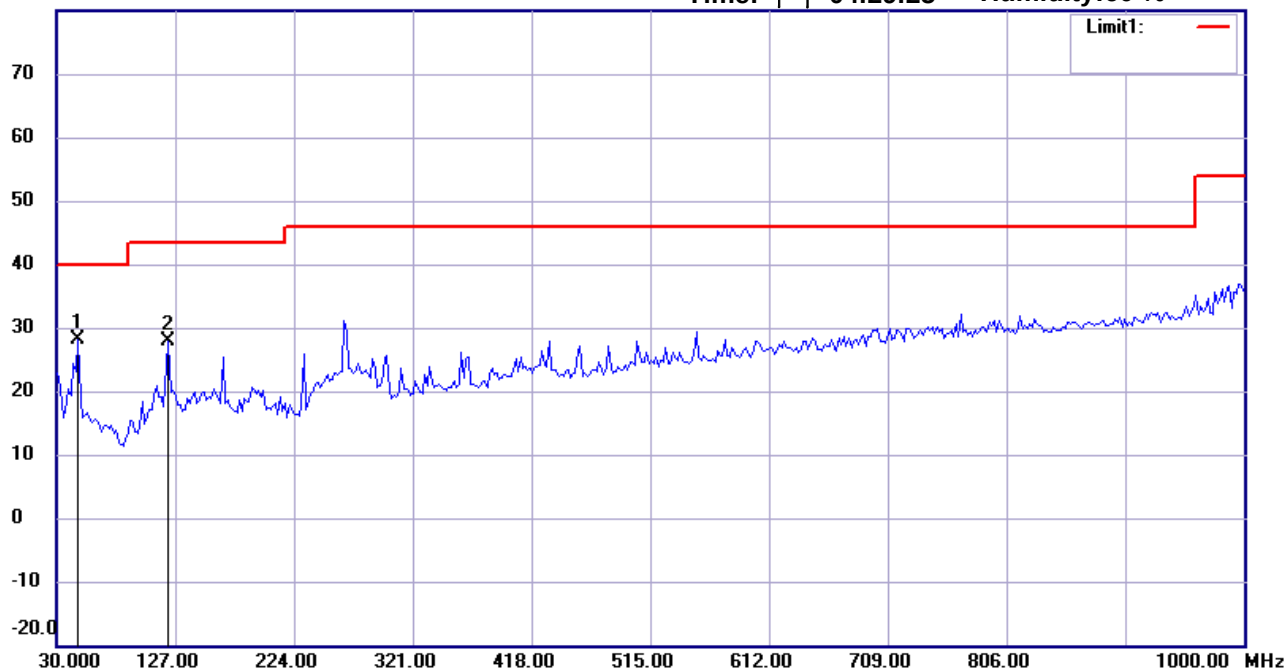
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:29:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	14.05	peak	14.09	28.14	40.00	100	155	-11.86	
	121.3627	14.20	peak	13.79	27.99	43.50	100	90	-15.51	



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #1

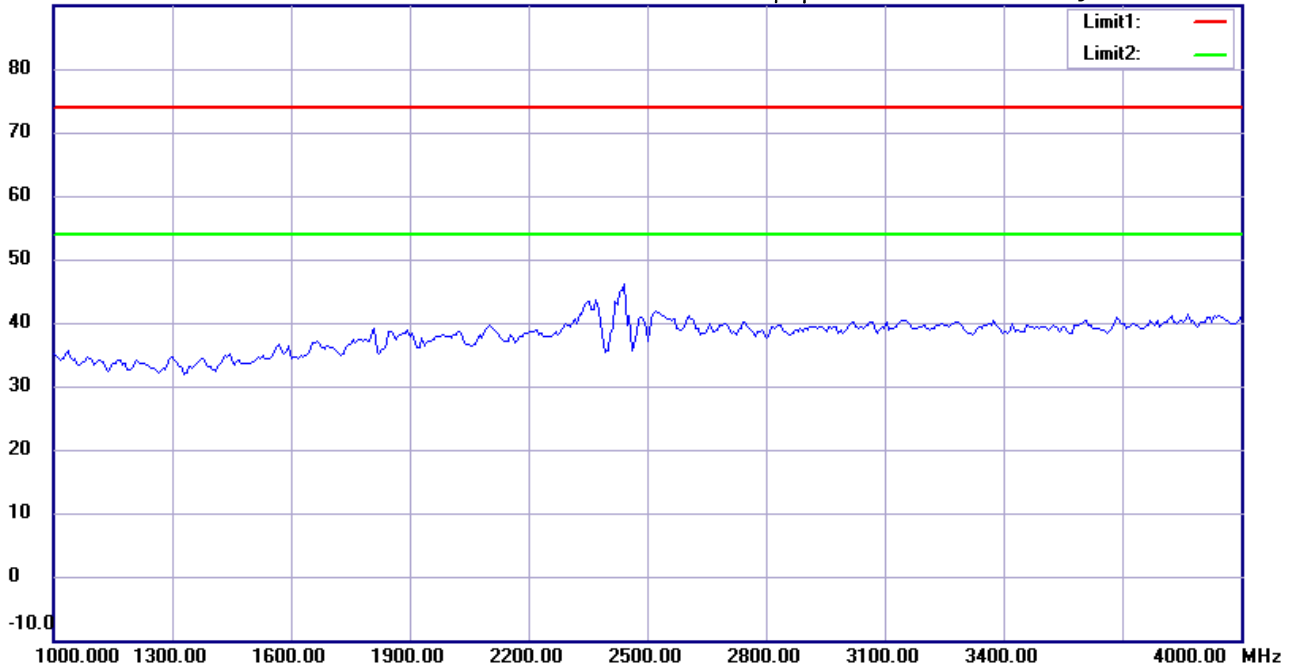
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 01:17:09

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#6

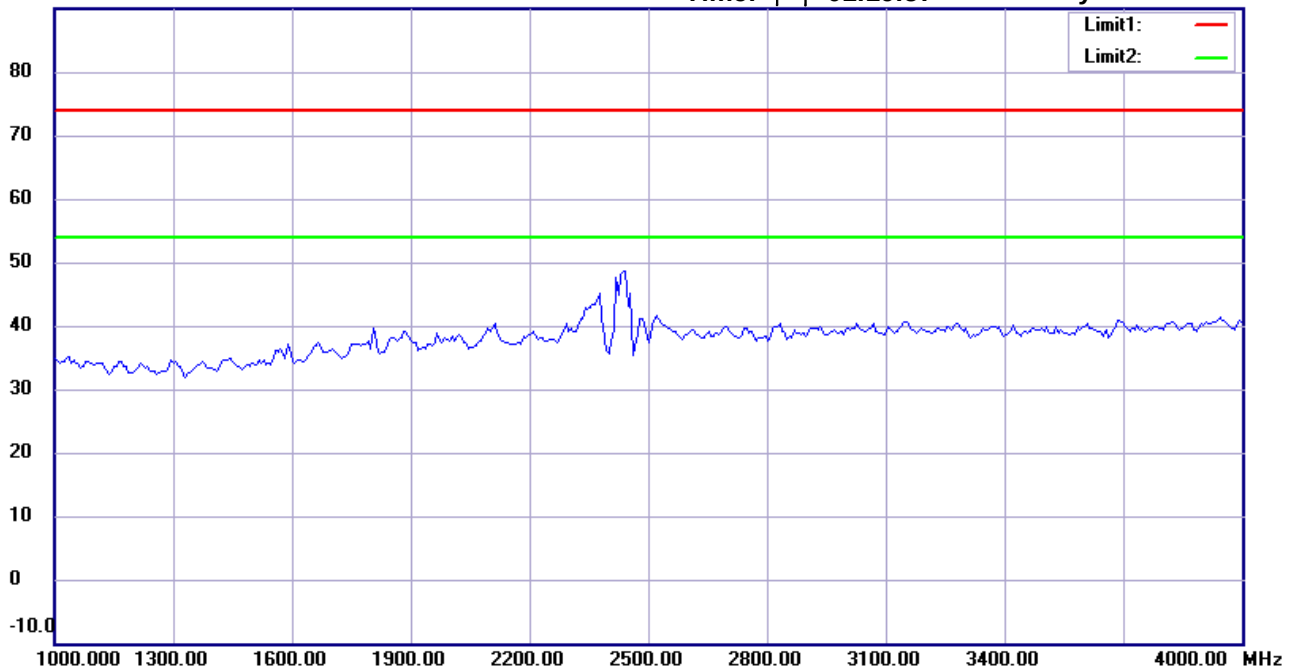
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:19:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#2

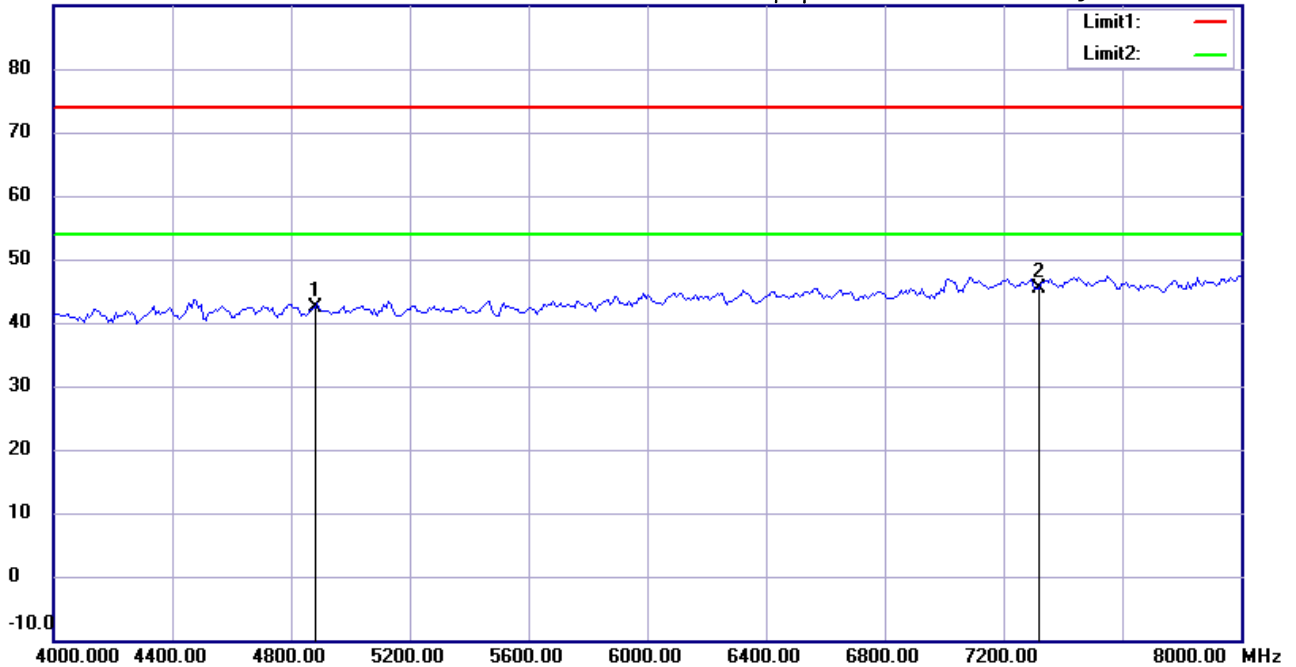
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:17:55

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.46	peak	-0.17	42.29	74.00	100	215	-31.71	
*	7311.000	40.49	peak	4.77	45.26	74.00	100	35	-28.74	

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



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

Operator: Roy

File :3

Data :#7

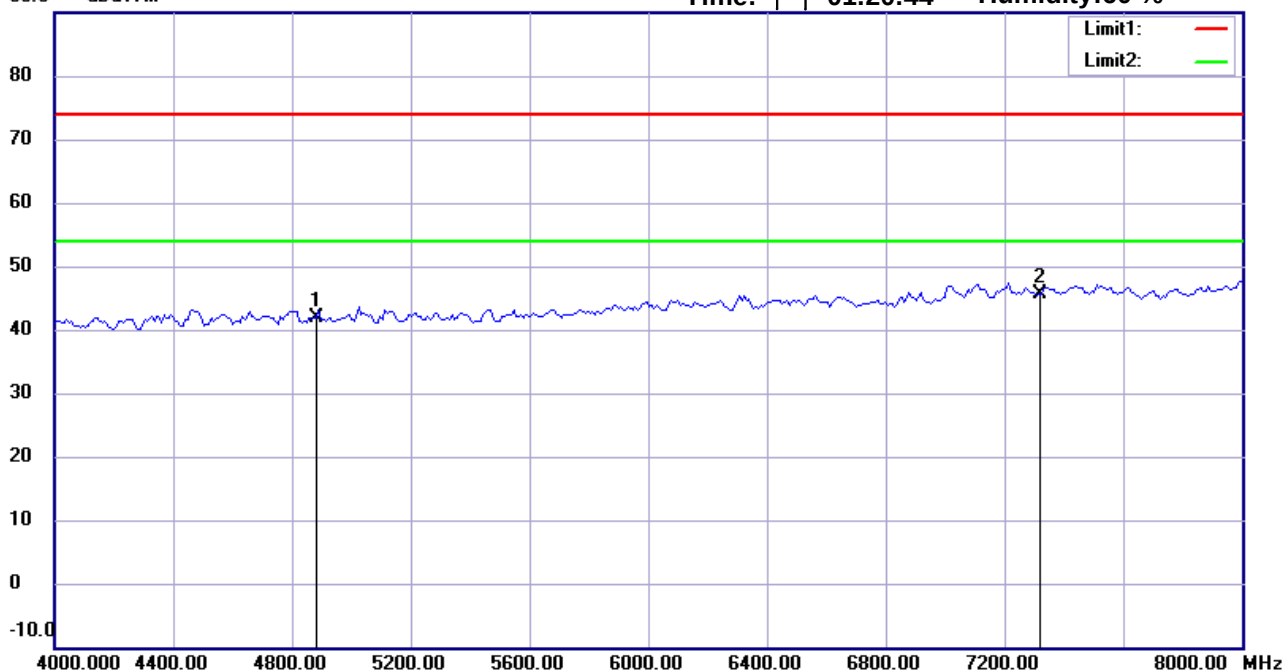
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:20:44

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.05	peak	-0.17	41.88	74.00	100	40	-32.12	
*	7311.000	40.82	peak	4.77	45.59	74.00	100	145	-28.41	

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



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

Operator: Roy

File :3

Data :#3

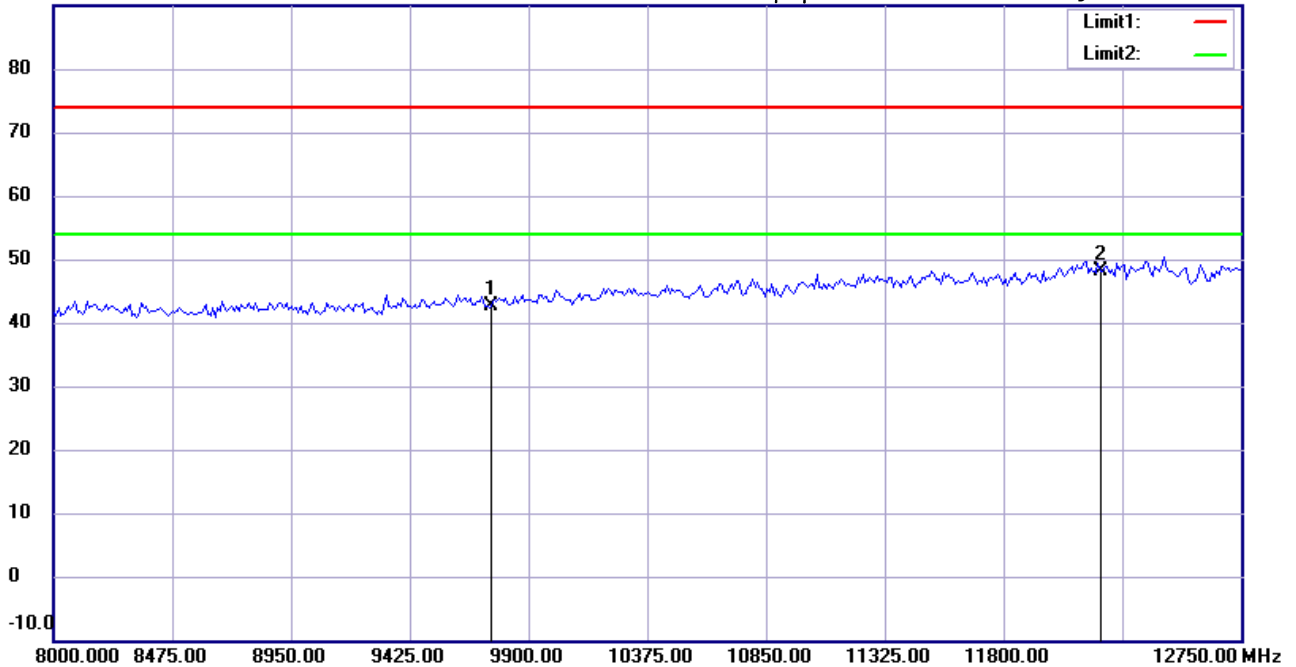
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:18:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.75	peak	7.79	42.54	74.00	100	240	-31.46	
*	12185.000	33.83	peak	14.28	48.11	74.00	100	150	-25.89	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

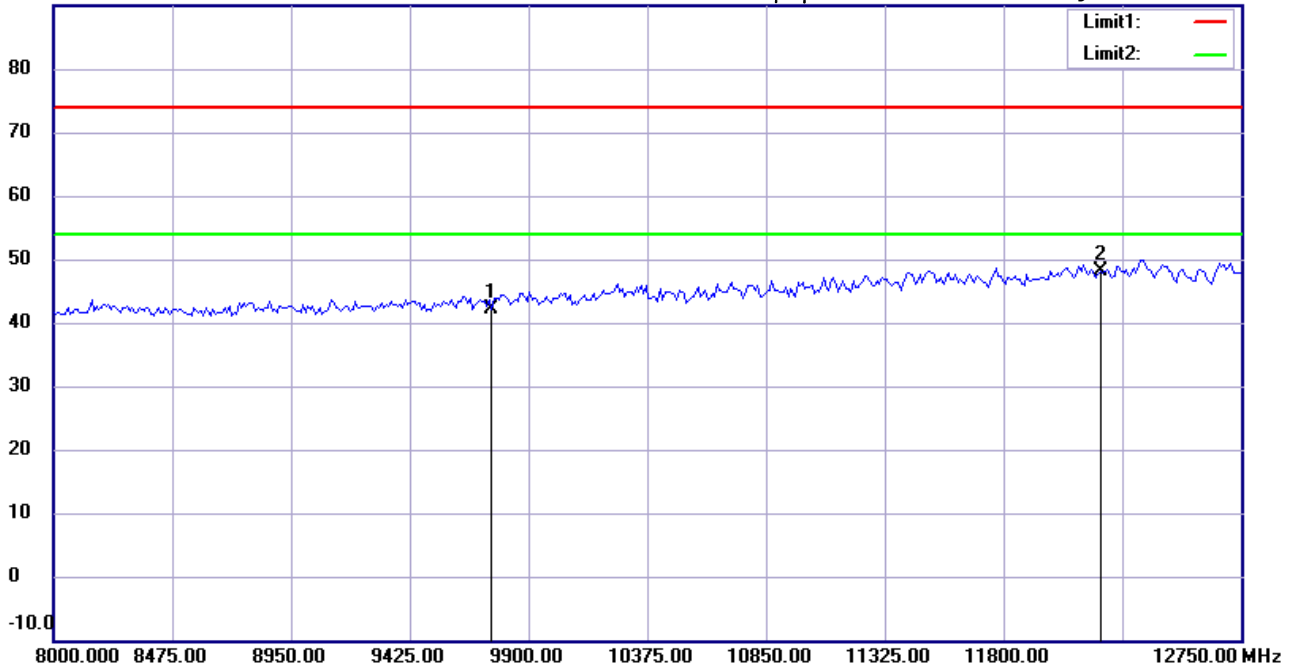
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:21:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.27	peak	7.79	42.06	74.00	100	220	-31.94	
*	12185.000	33.77	peak	14.28	48.05	74.00	100	50	-25.95	

*: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: Roy

File :3

Data :#4

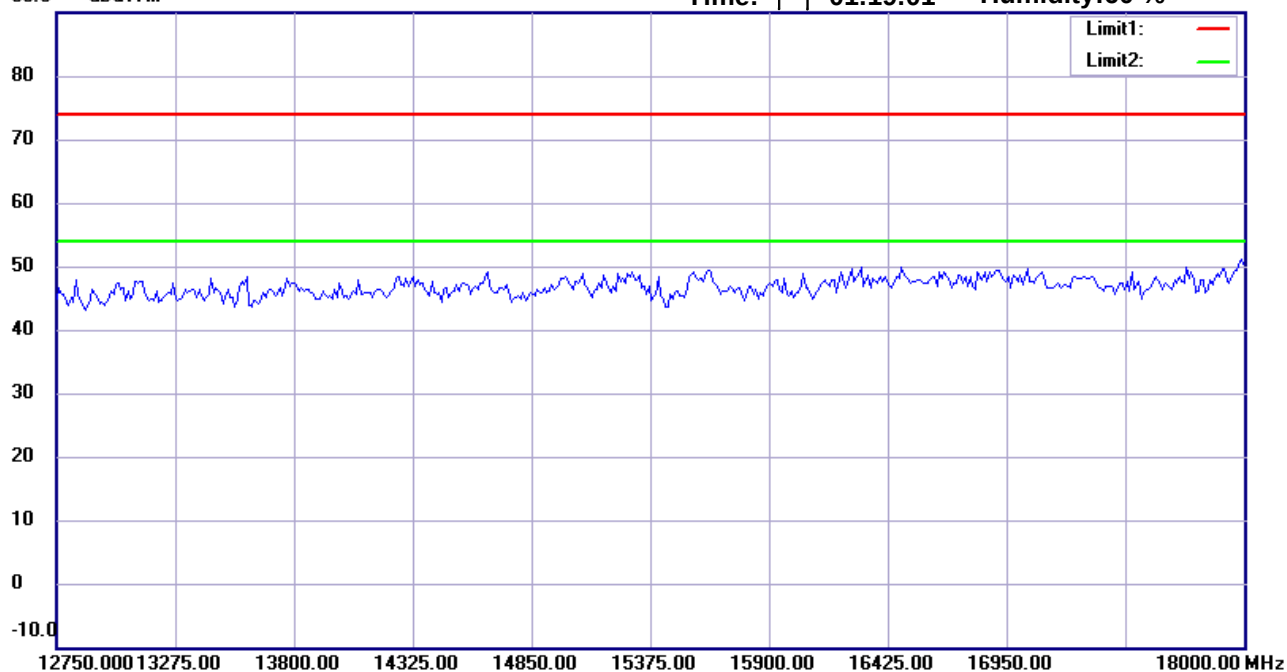
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:19:01

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#9

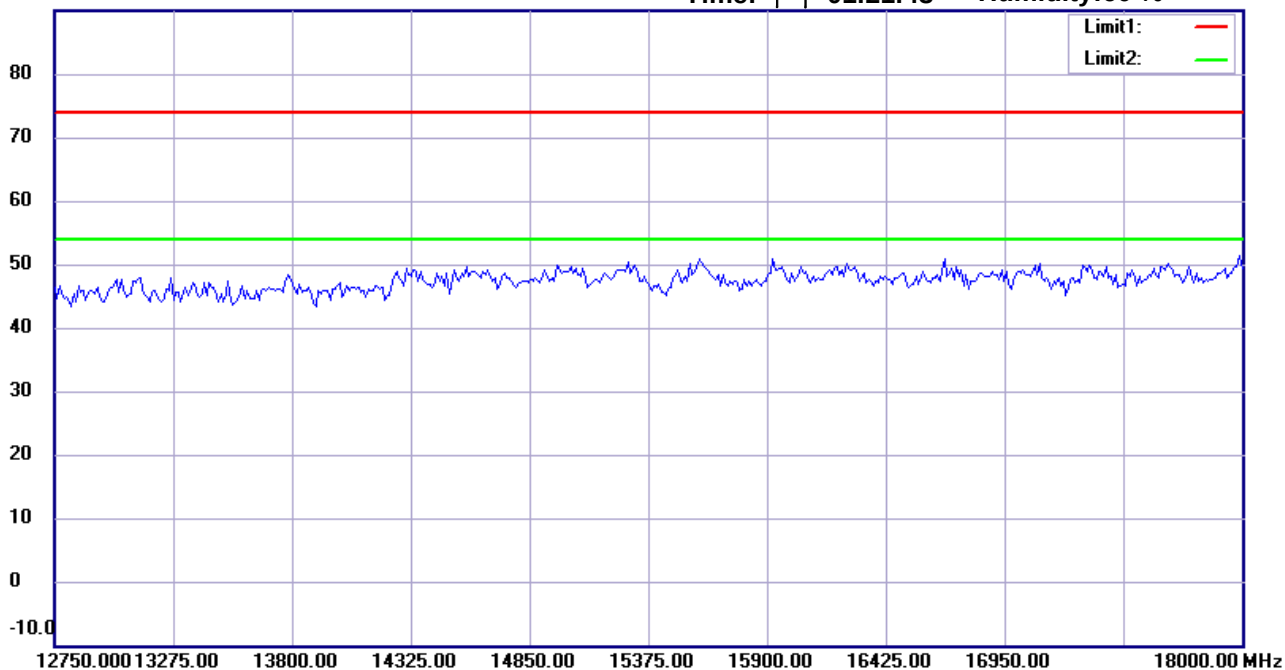
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:21:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#5

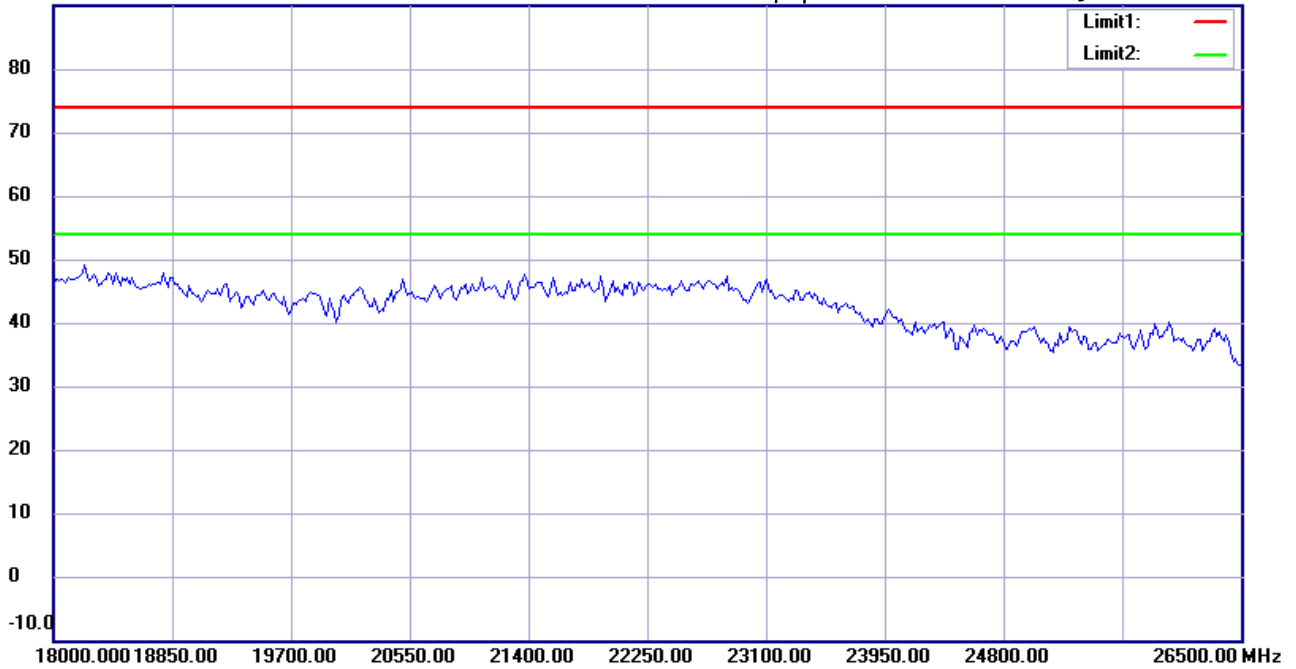
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:19:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #10

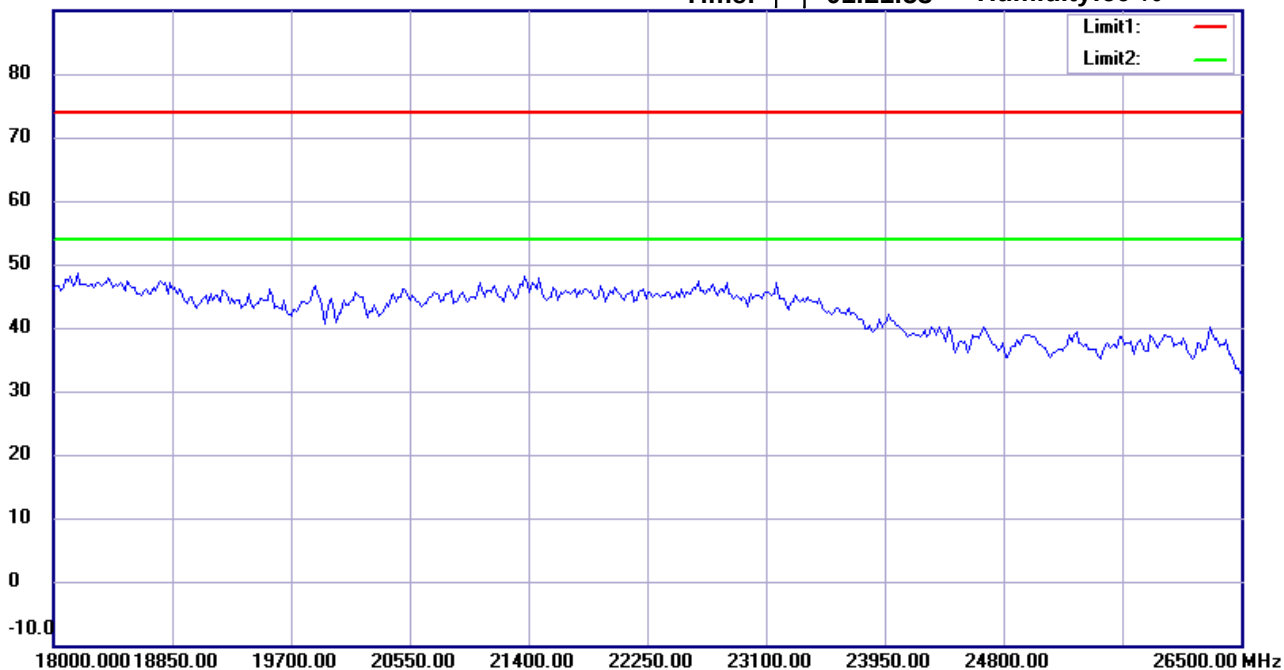
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 01:21:53

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :1

Data :#1

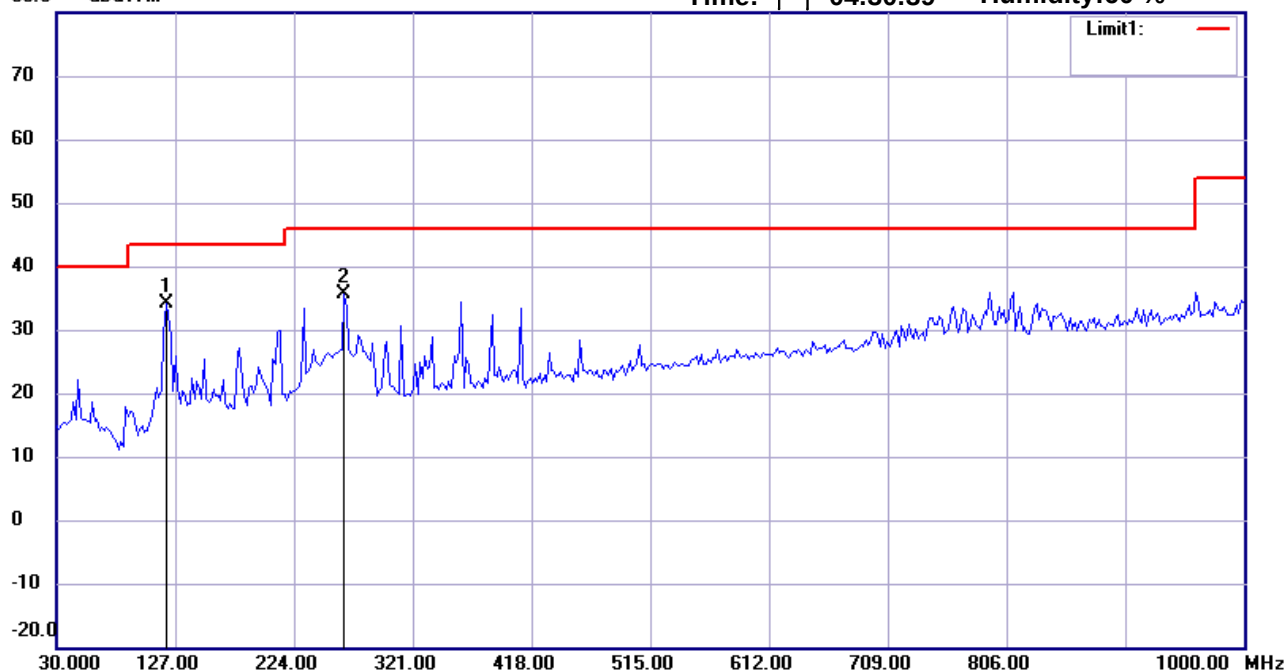
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:30:39

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	20.56	peak	13.62	34.18	43.50	100	235	-9.32	
	265.2102	20.79	peak	14.76	35.55	46.00	100	150	-10.45	

*: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: Leon

File :1

Data :#2

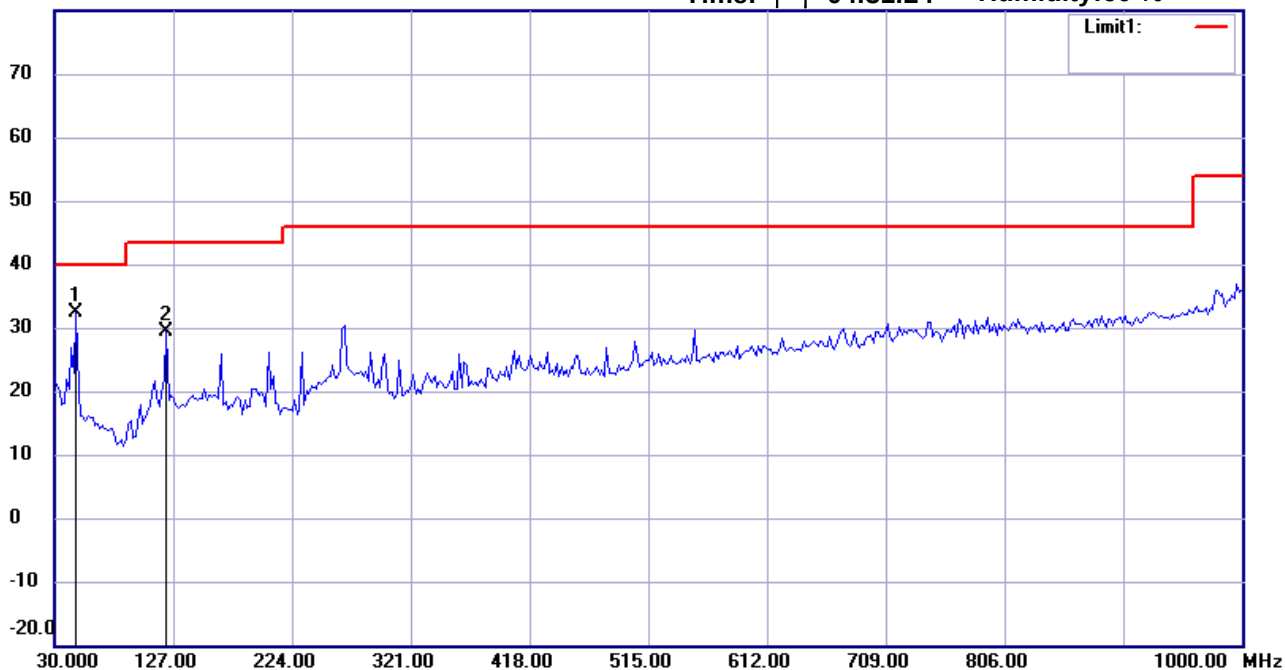
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 04:31:24

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	18.23	peak	14.09	32.32	40.00	100	65	-7.68	
	121.3627	15.49	peak	13.79	29.28	43.50	100	170	-14.22	

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



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

Operator: Roy

File :3

Data :#1

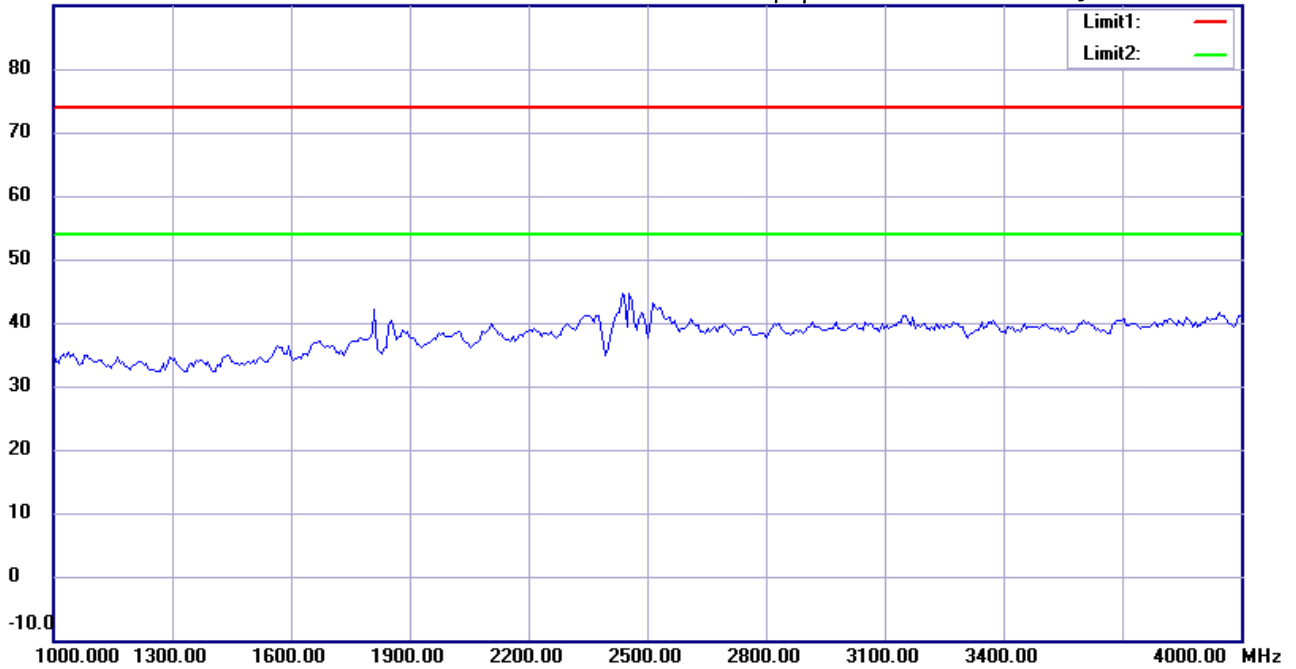
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:28:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

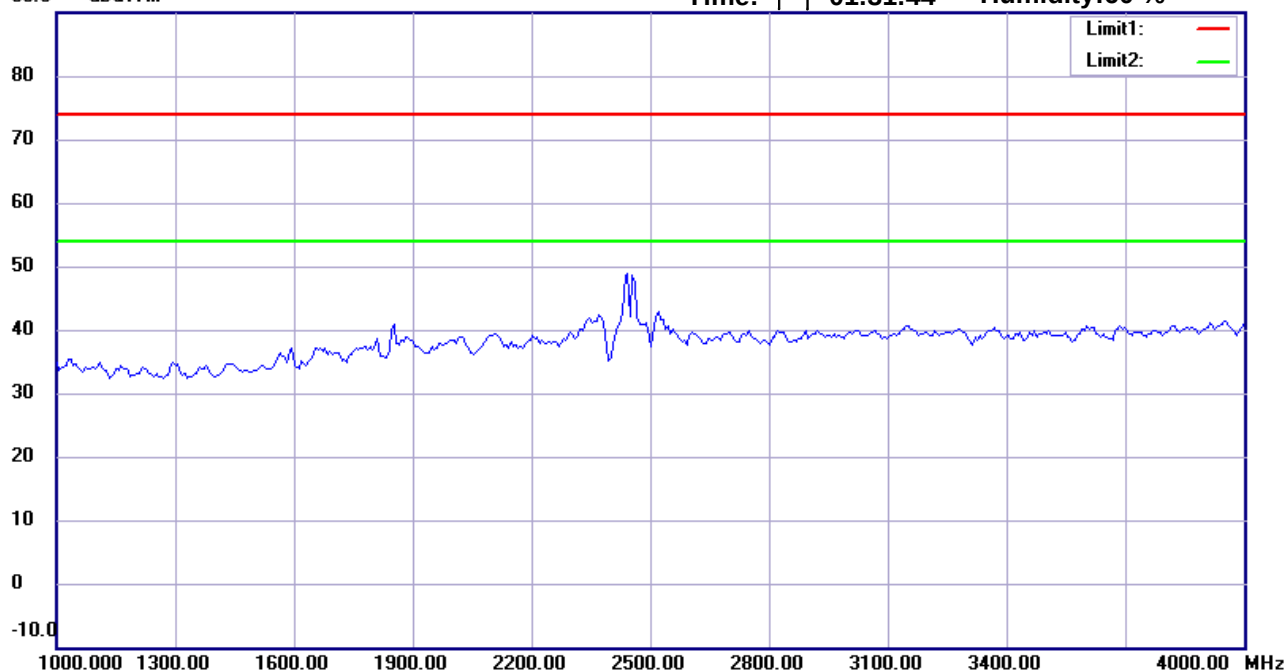
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:31:44

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#2

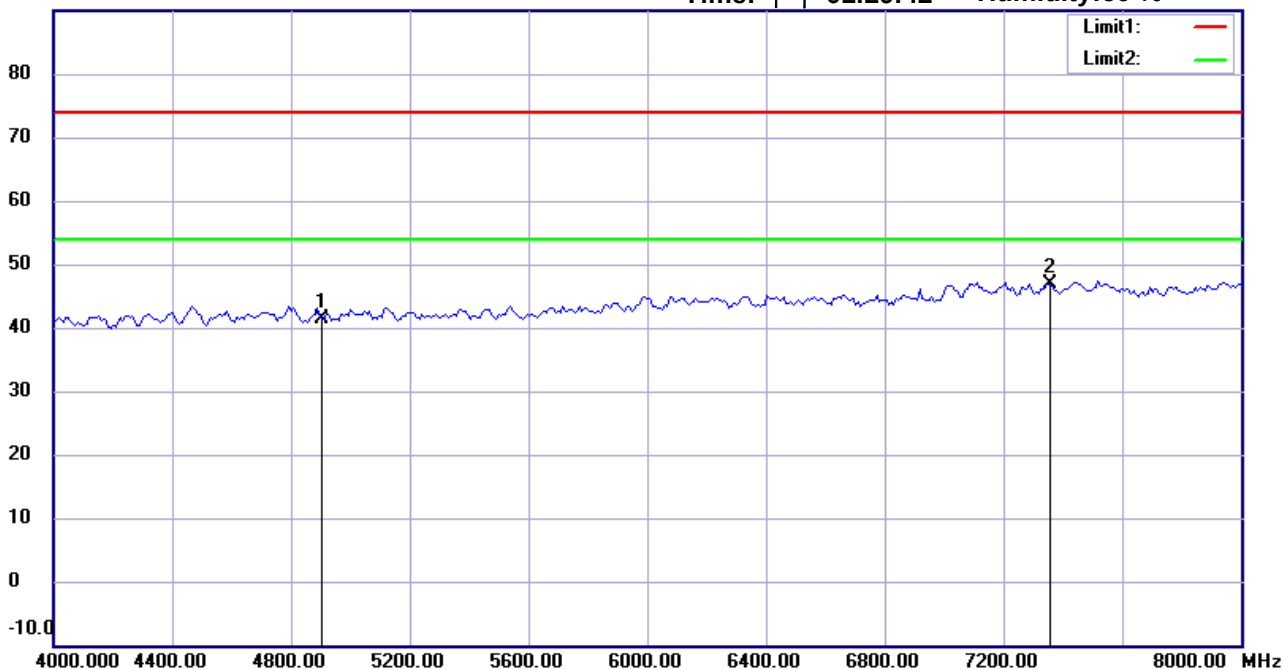
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:29:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4904.000	41.46	peak	-0.10	41.36	74.00	100	195	-32.64	
*	7356.000	41.83	peak	5.06	46.89	74.00	100	130	-27.11	

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #7

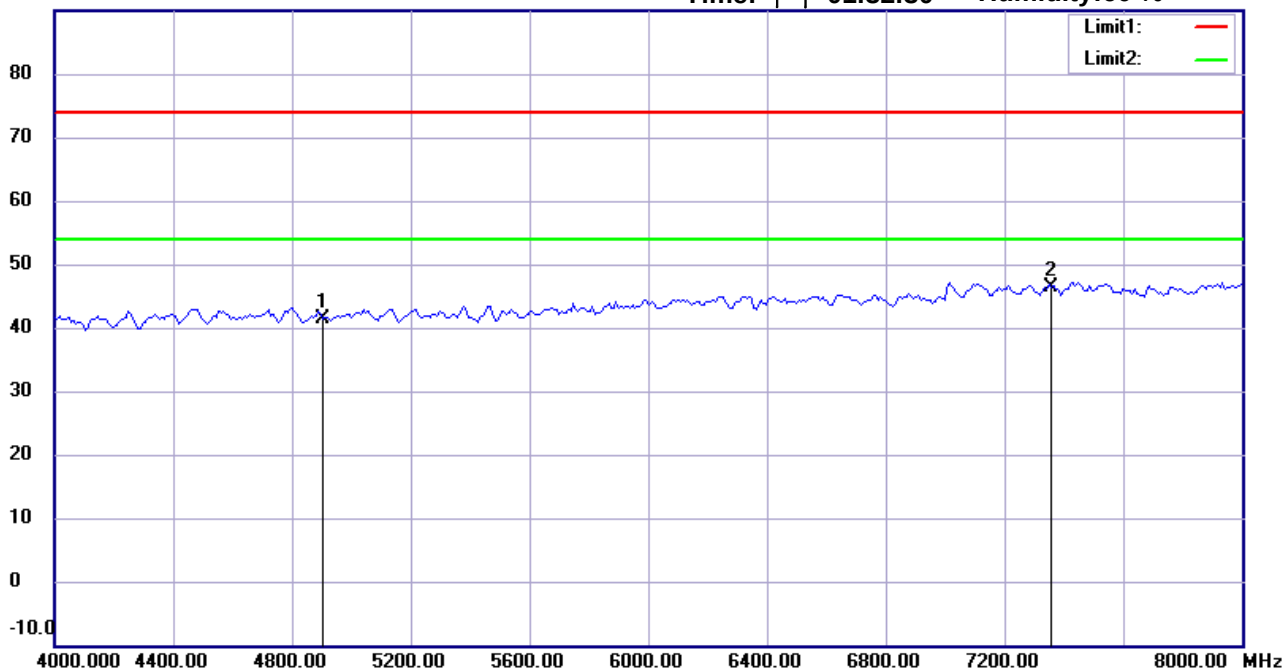
Date: 2015/12/29

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 01:32:30

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4904.000	41.47	peak	-0.10	41.37	74.00	100	155	-32.63	
*	7356.000	41.22	peak	5.06	46.28	74.00	100	60	-27.72	

*: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: Roy

File :3

Data :#3

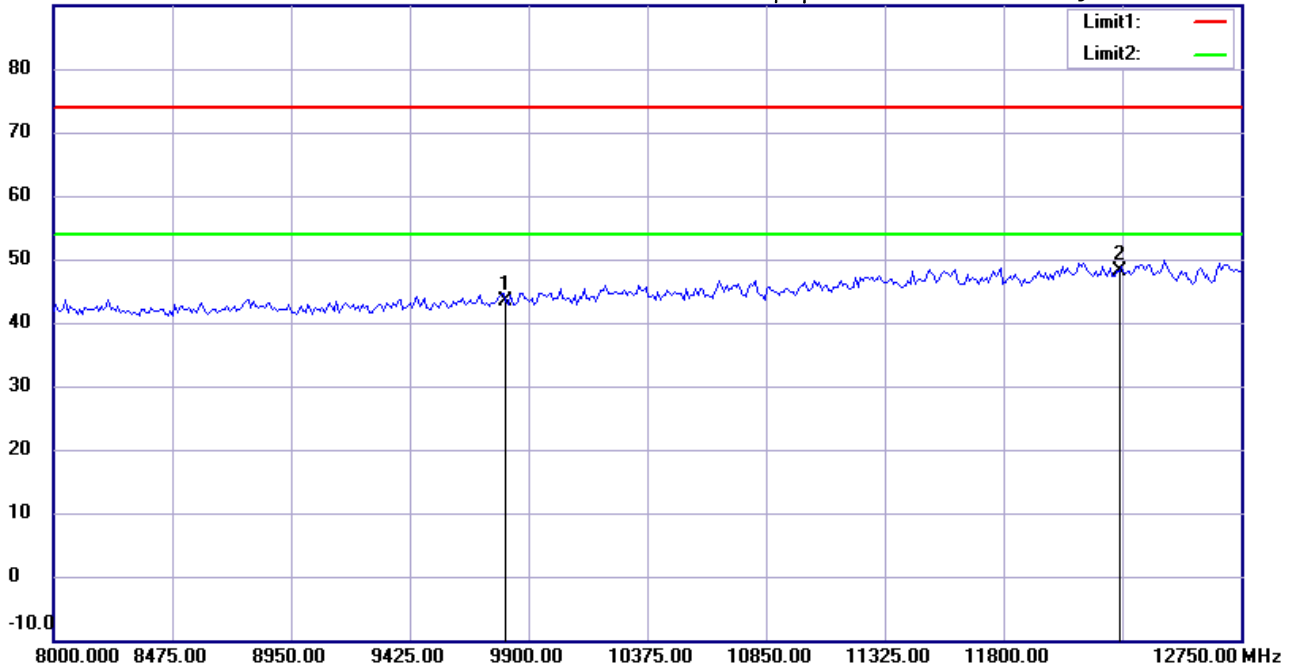
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:30:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9808.000	35.58	peak	7.88	43.46	74.00	100	170	-30.54	
*	12260.000	34.31	peak	13.88	48.19	74.00	100	40	-25.81	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

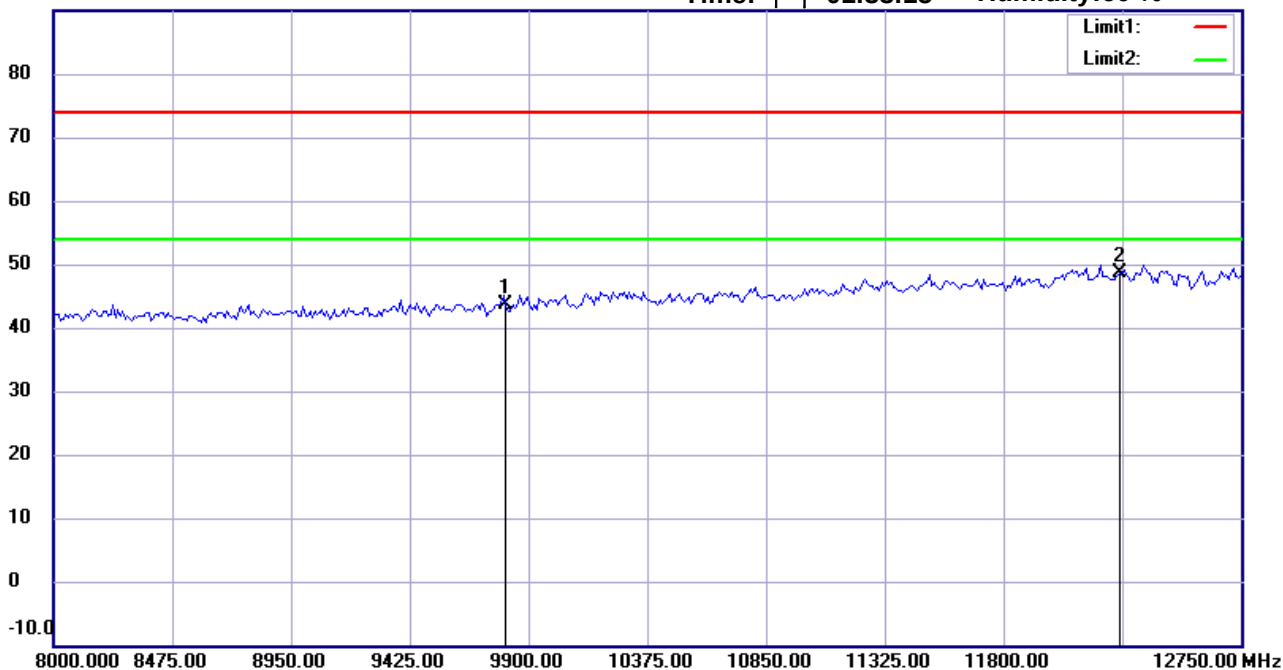
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:33:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9808.000	35.72	peak	7.88	43.60	74.00	100	240	-30.40	
*	12260.000	34.72	peak	13.88	48.60	74.00	100	75	-25.40	

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



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

Operator: Roy

File :3

Data :#4

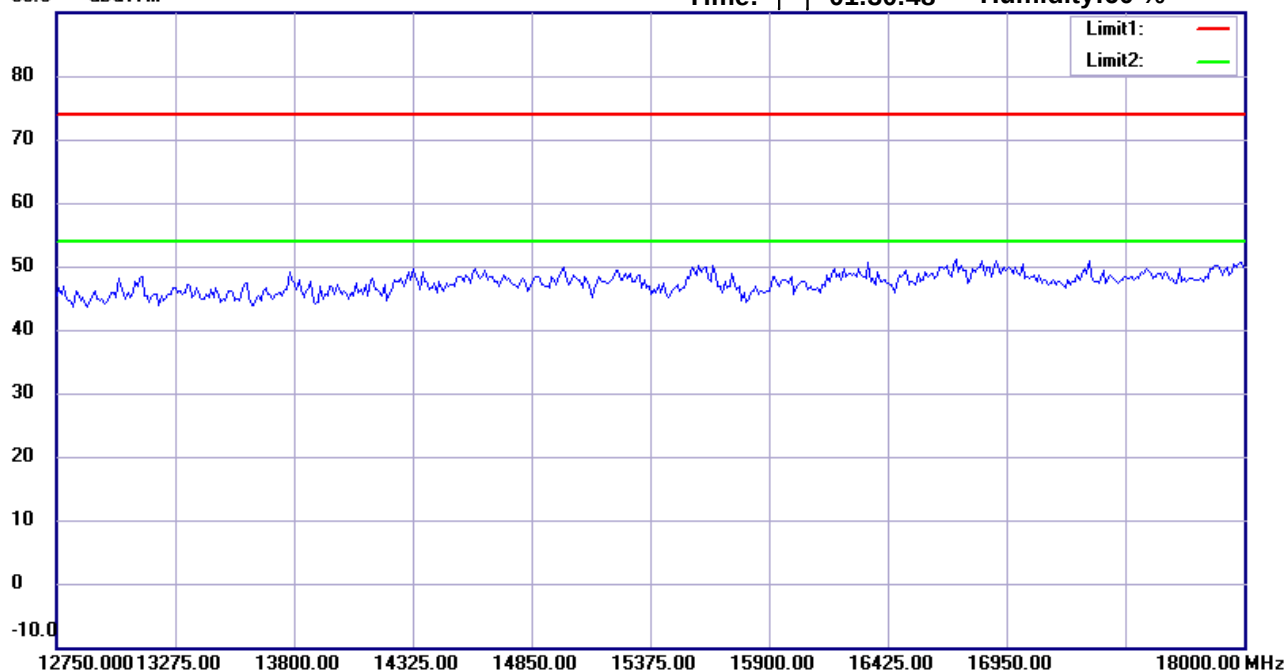
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:30:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

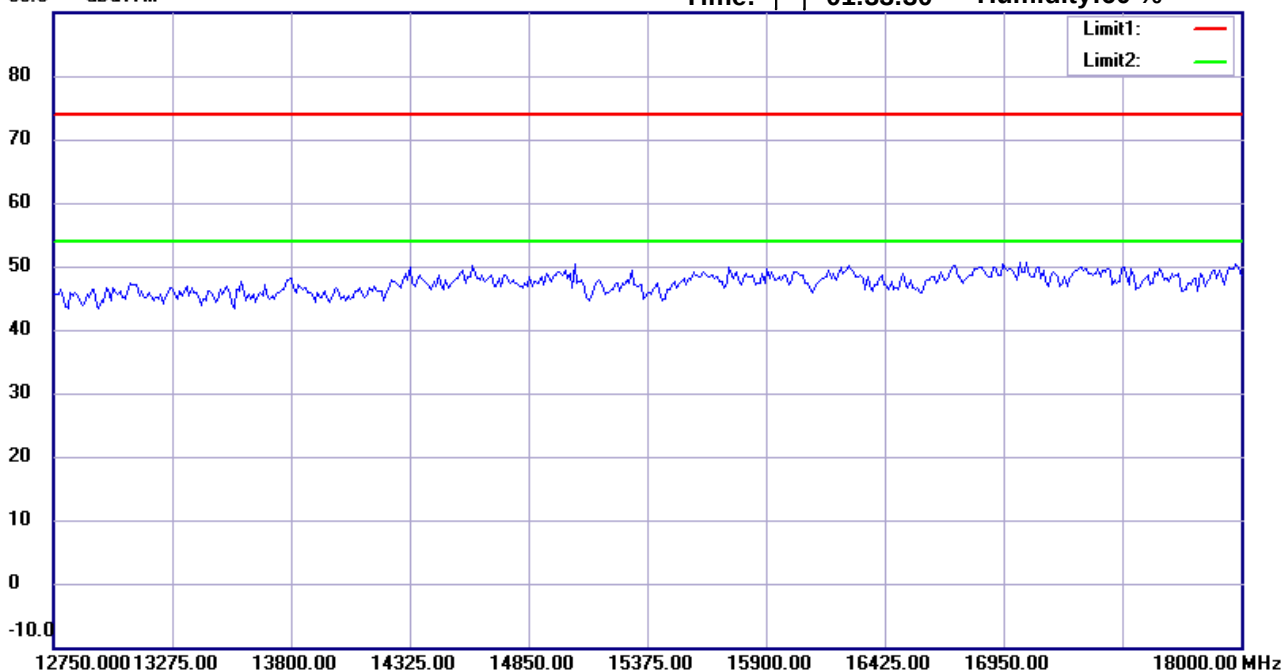
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:33:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

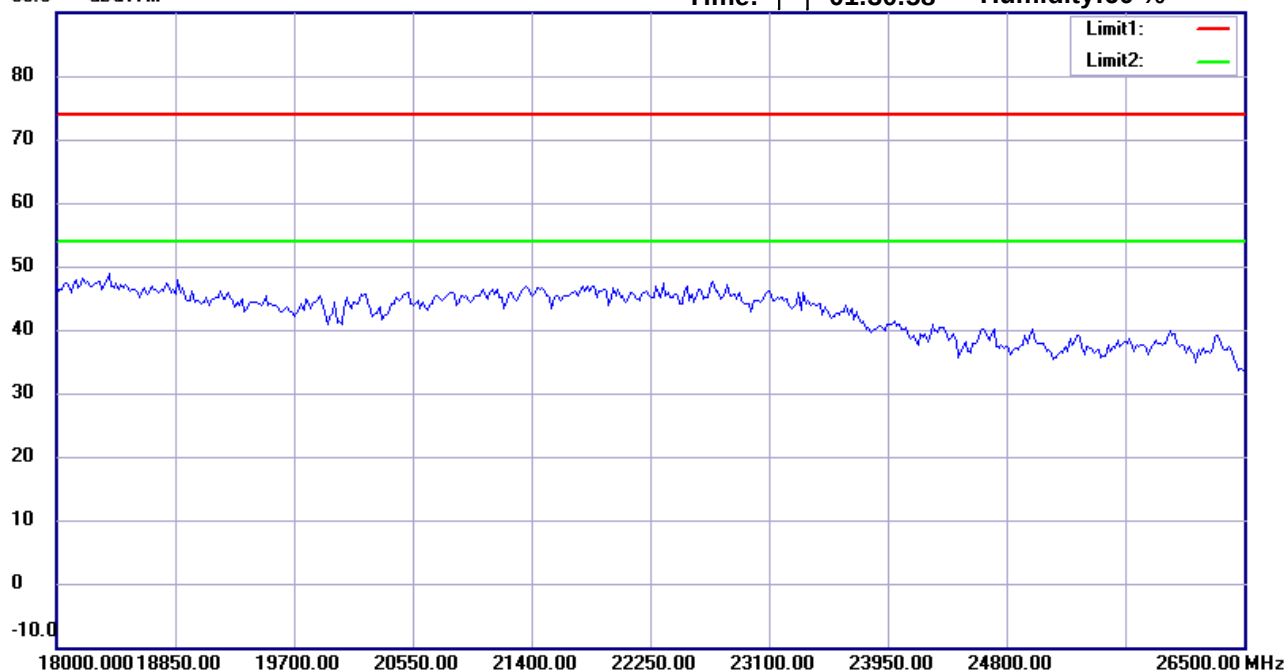
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:30:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Operator: Roy

File :3

Data :#10

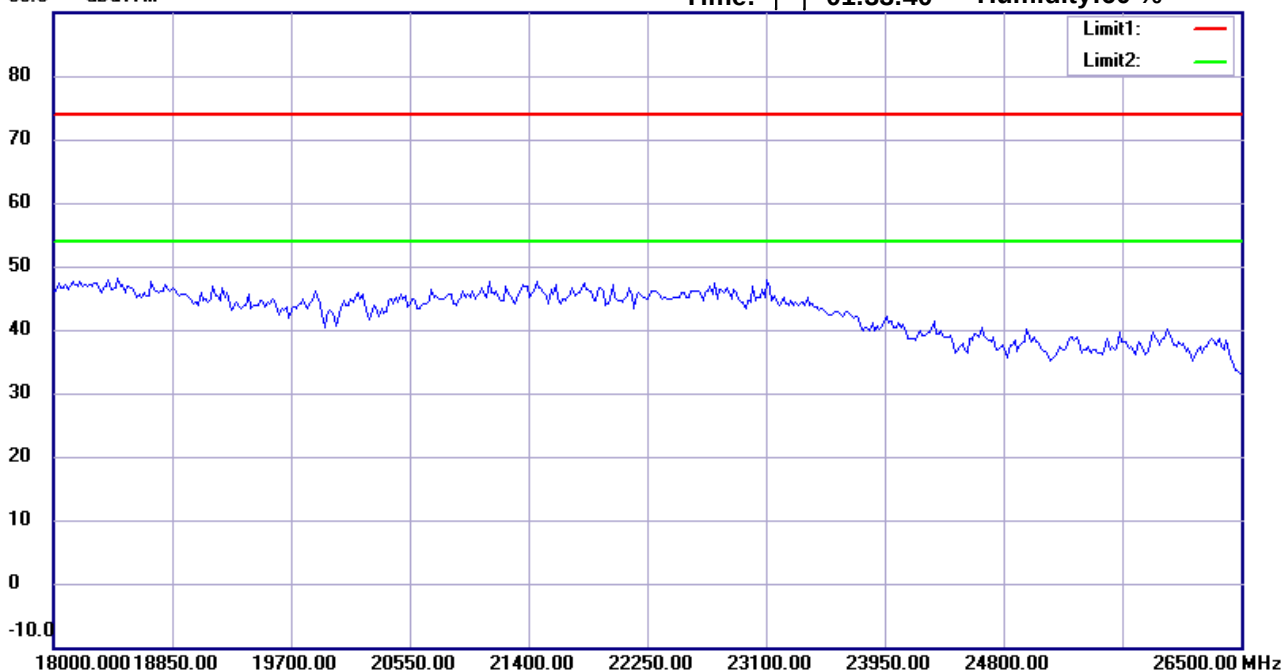
Date: 2015/12/29

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:33:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

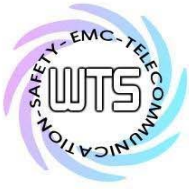
Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

Spurious Emission Radiated _TX_BT 2.0



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

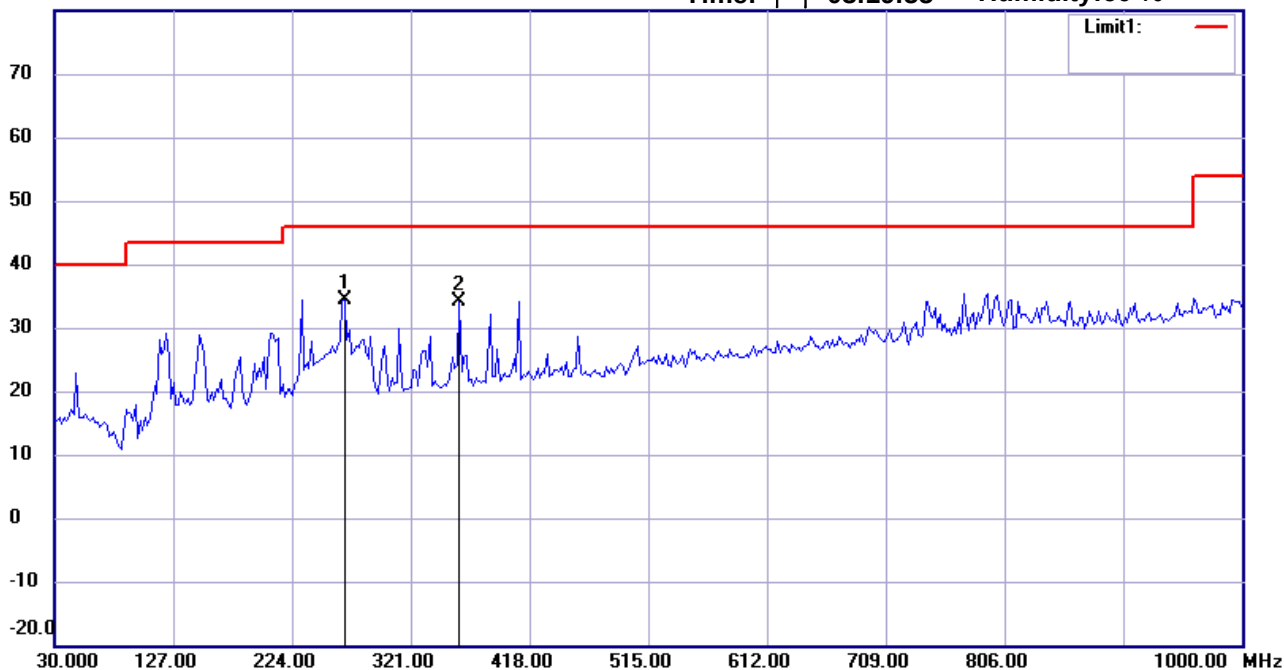
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:19:55

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	267.1542	19.61	peak	14.84	34.45	46.00	100	65	-11.55	
	360.4607	16.65	peak	17.53	34.18	46.00	100	50	-11.82	

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



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

Operator: Leon

File :1

Data :#2

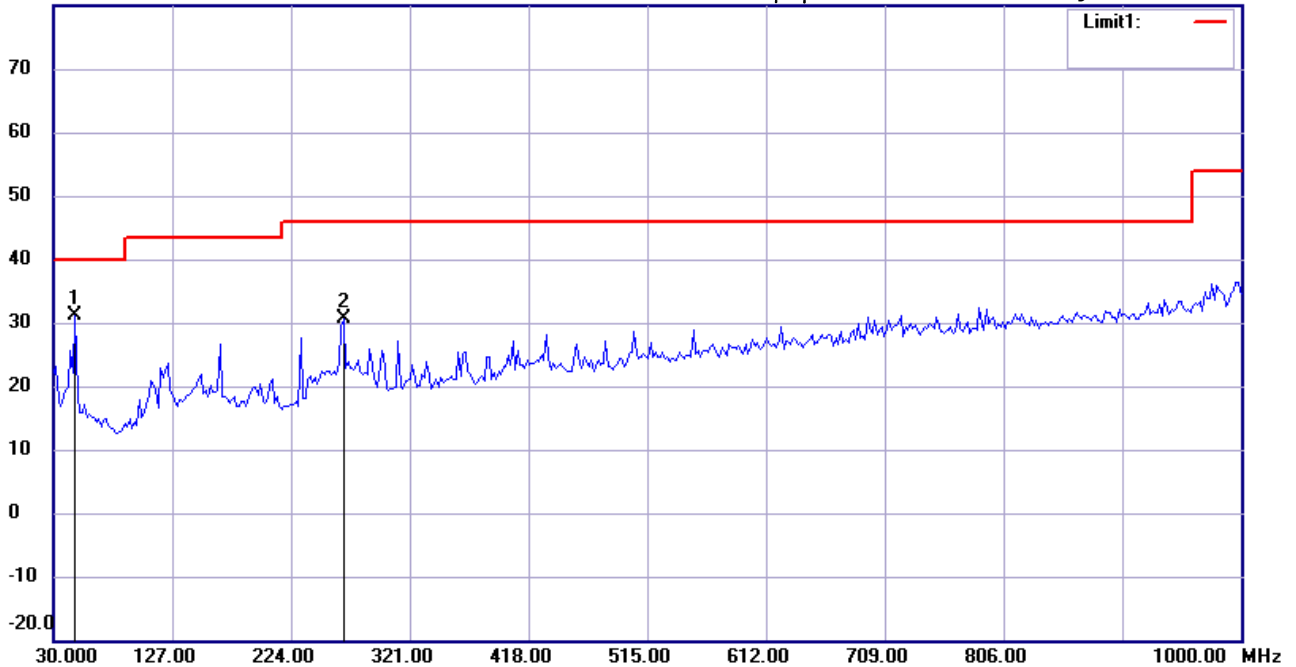
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:20:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	17.14	peak	14.09	31.23	40.00	100	245	-8.77	
	267.1543	15.69	peak	14.84	30.53	46.00	100	270	-15.47	

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



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

Operator: Leon

File :3

Data :#1

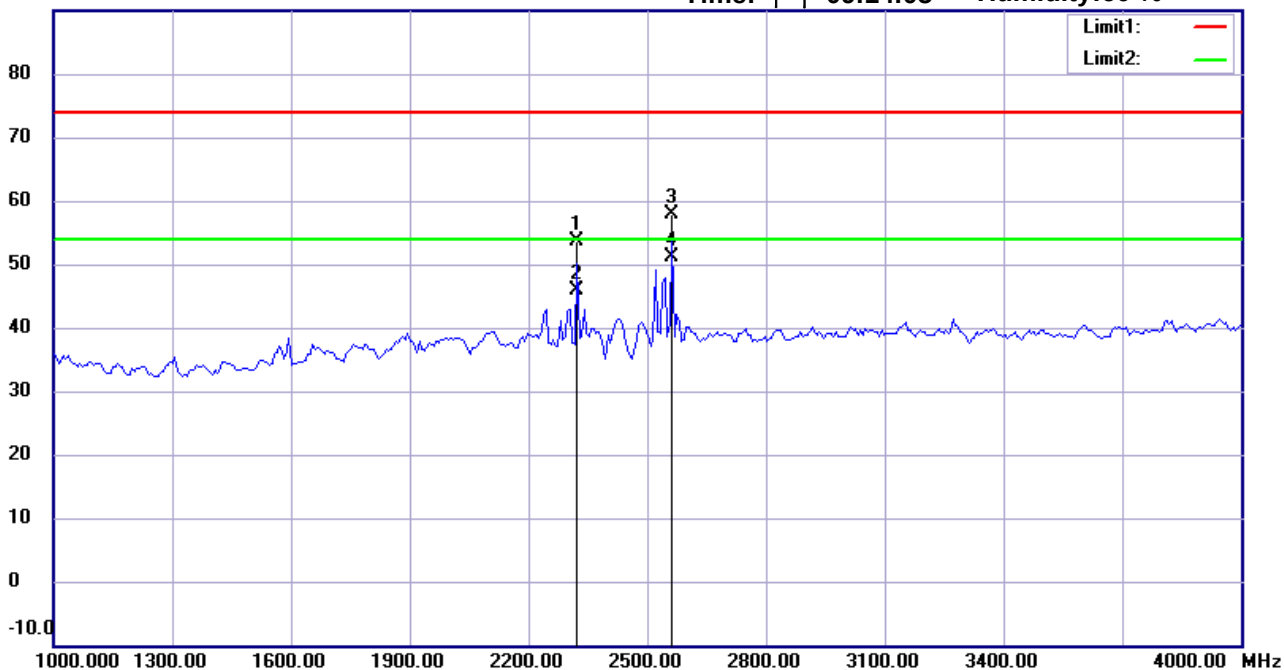
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:14:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2322.110	58.43	peak	-4.83	53.60	74.00	100	235	-20.40	
	2322.110	50.81	AVG	-4.83	45.98	54.00	100	235	-8.02	
	2561.990	62.09	peak	-4.22	57.87	74.00	210	243	-16.13	
*	2561.990	55.23	AVG	-4.22	51.01	54.00	210	243	-2.99	

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



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

Operator: Leon

File :3

Data :#6

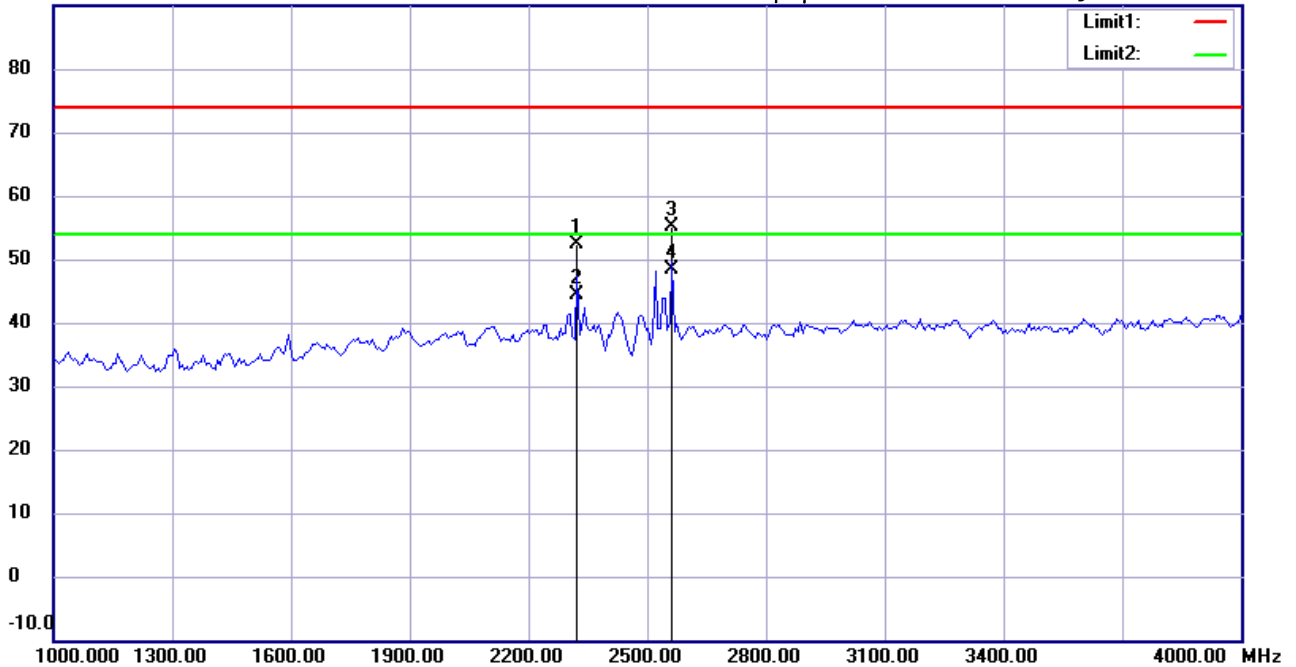
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:16:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2322.645	57.26	peak	-4.83	52.43	74.00	100	95	-21.57	
	2322.645	49.10	AVG	-4.83	44.27	54.00	100	95	-9.73	
	2563.126	59.33	peak	-4.22	55.11	74.00	105	231	-18.89	
*	2563.126	52.67	AVG	-4.22	48.45	54.00	105	231	-5.55	

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



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

Operator: Leon

File : 3

Data : #2

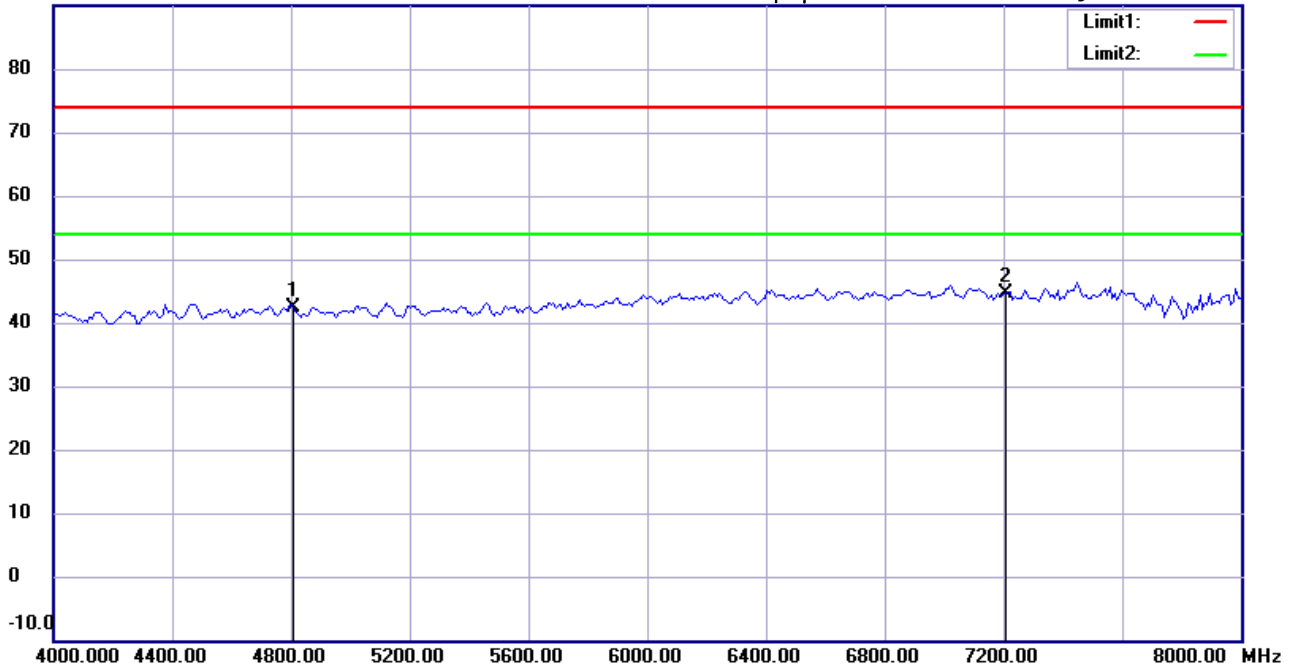
Date: 2015/12/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 09:14:51

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.65	peak	-0.31	42.34	74.00	100	155	-31.66	
*	7206.000	39.91	peak	4.62	44.53	74.00	100	135	-29.47	

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



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

Operator: Leon

File :3

Data :#7

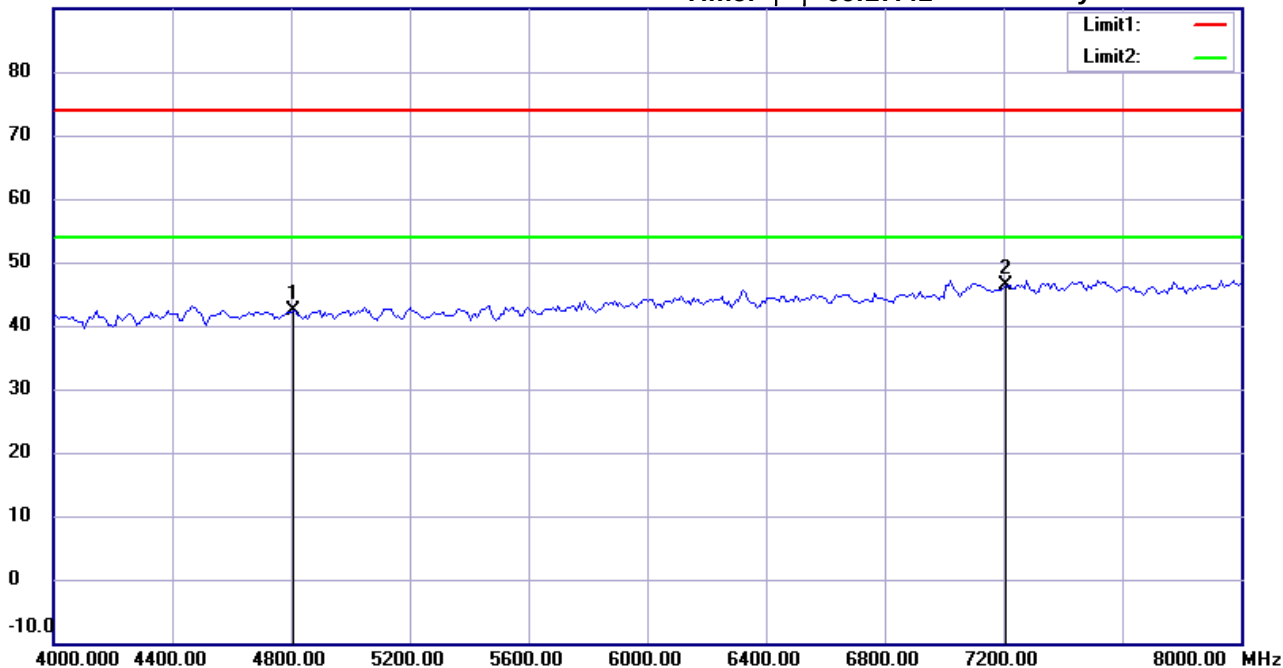
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:17:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.78	peak	-0.31	42.47	74.00	100	230	-31.53	
*	7206.000	41.84	peak	4.62	46.46	74.00	100	175	-27.54	

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



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

Operator: Leon

File :3

Data :#3

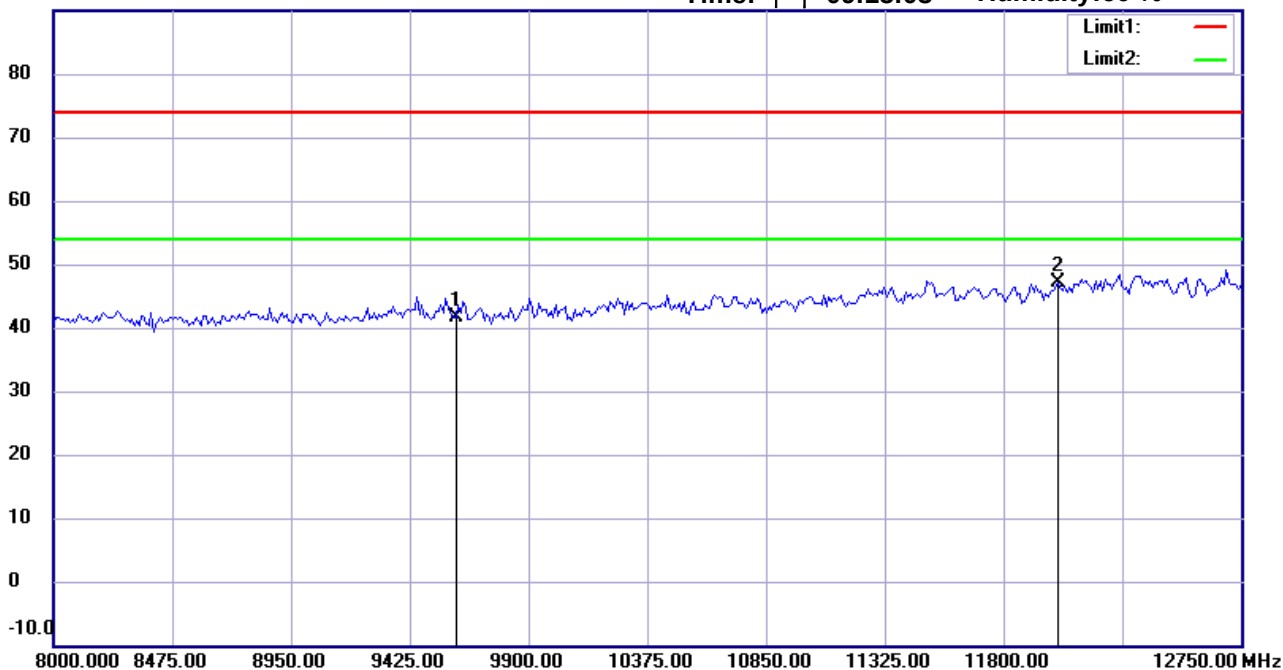
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:15:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	33.65	peak	7.89	41.54	74.00	100	75	-32.46	
*	12010.000	34.04	peak	12.97	47.01	74.00	100	160	-26.99	

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



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

Operator: Leon

File :3

Data :#8

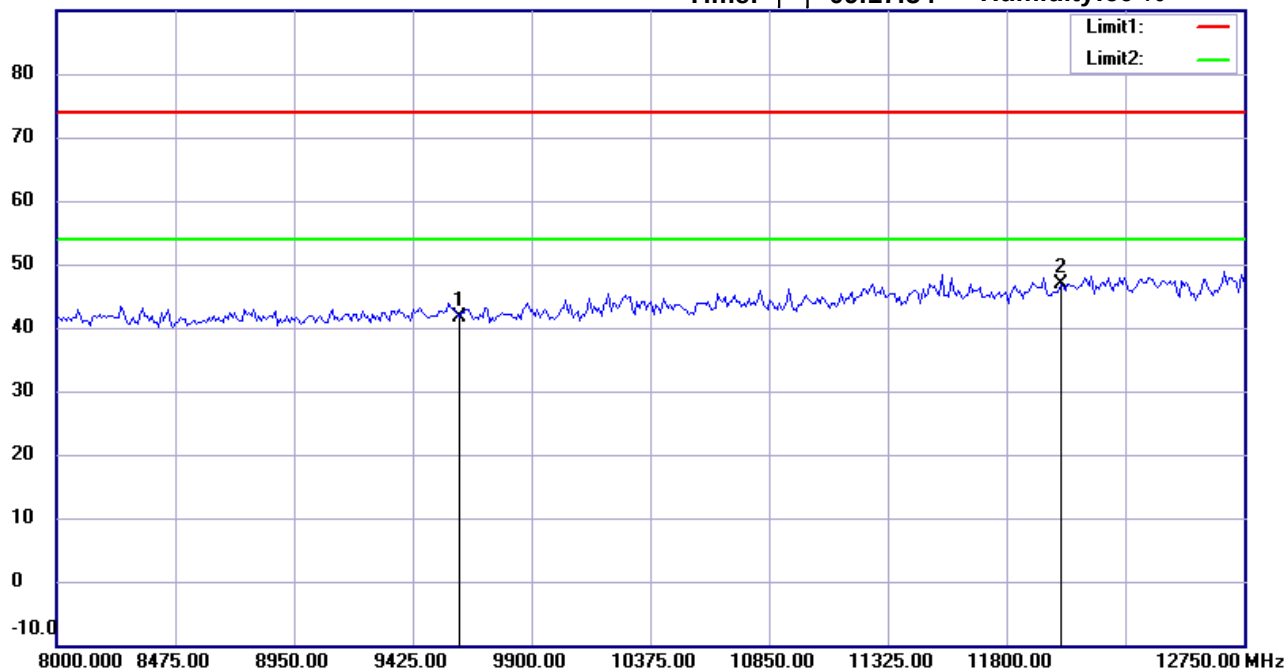
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:17:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	33.64	peak	7.89	41.53	74.00	100	245	-32.47	
*	12010.000	33.96	peak	12.97	46.93	74.00	100	60	-27.07	

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



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

Operator: Leon

File :3

Data :#4

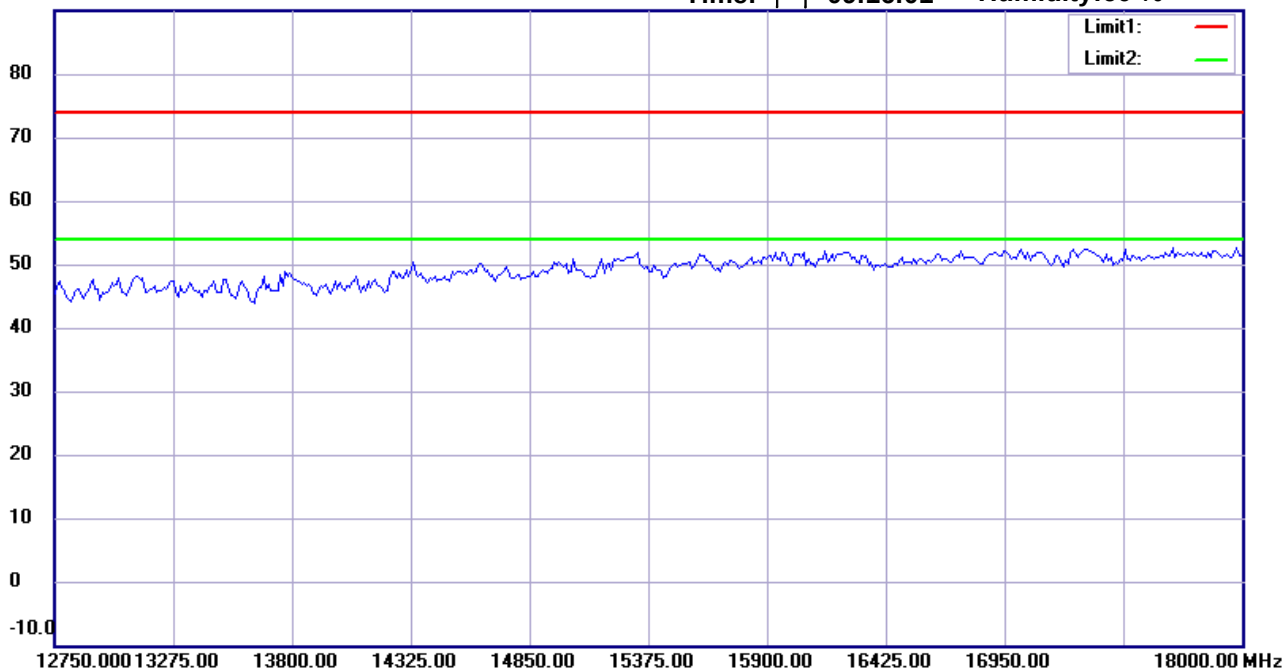
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:16:01

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

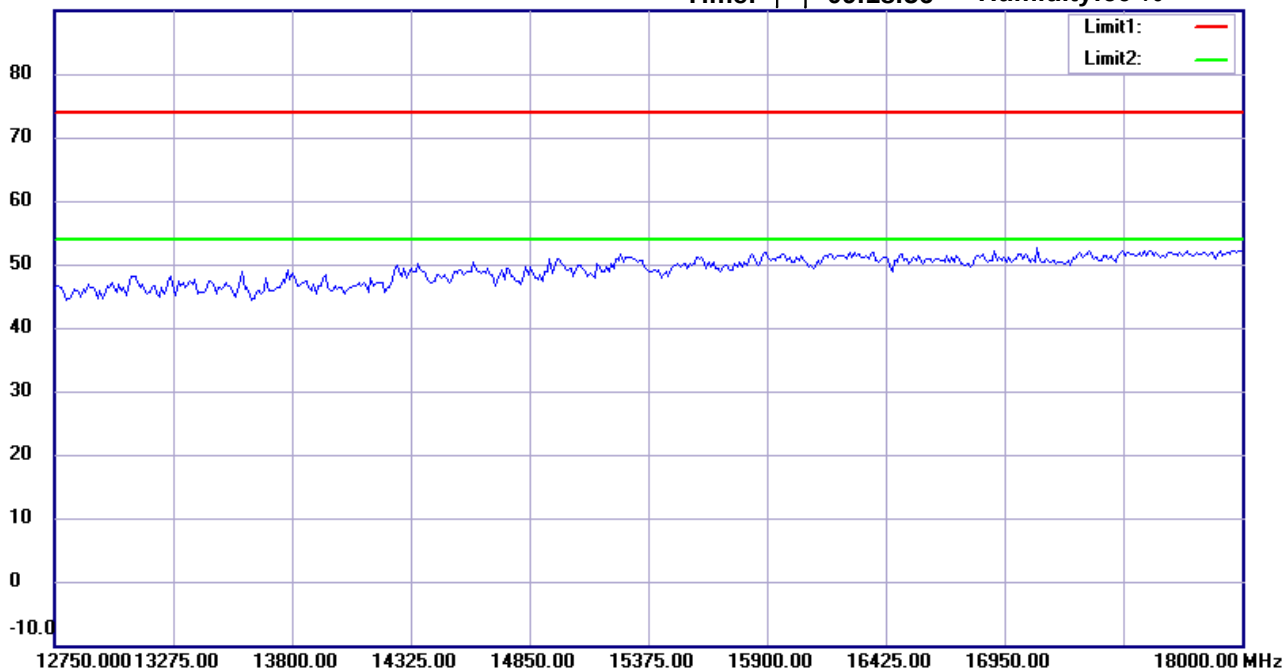
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:18:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

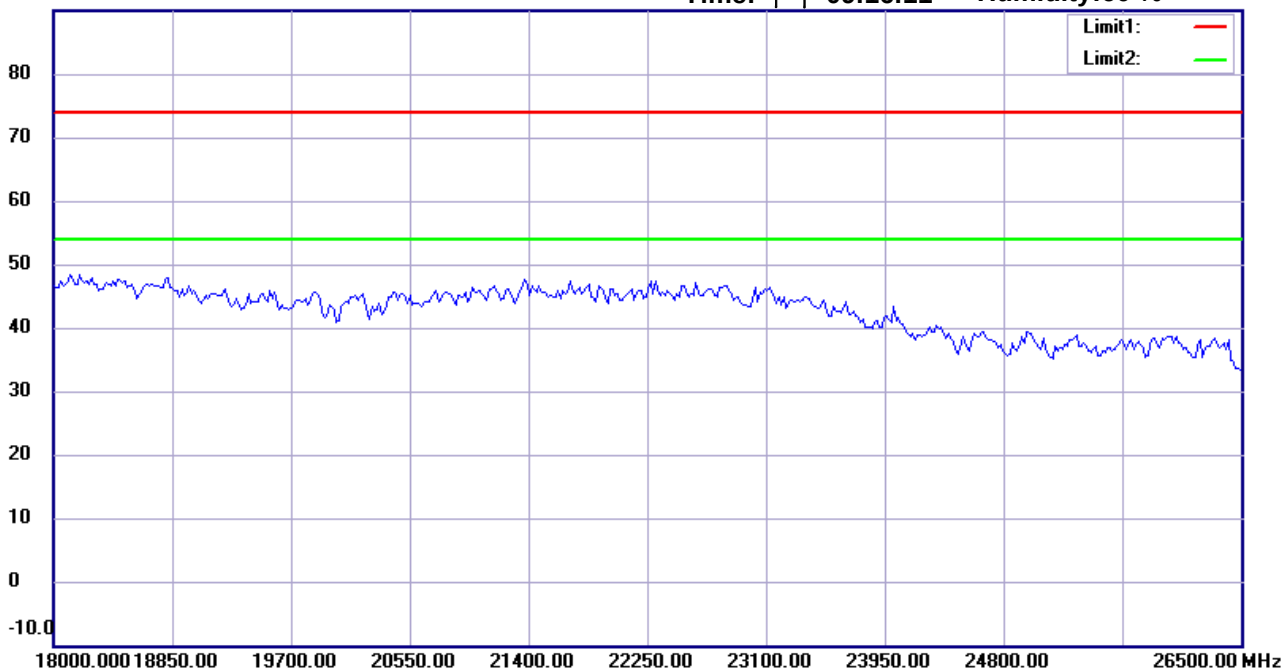
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:16:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#10

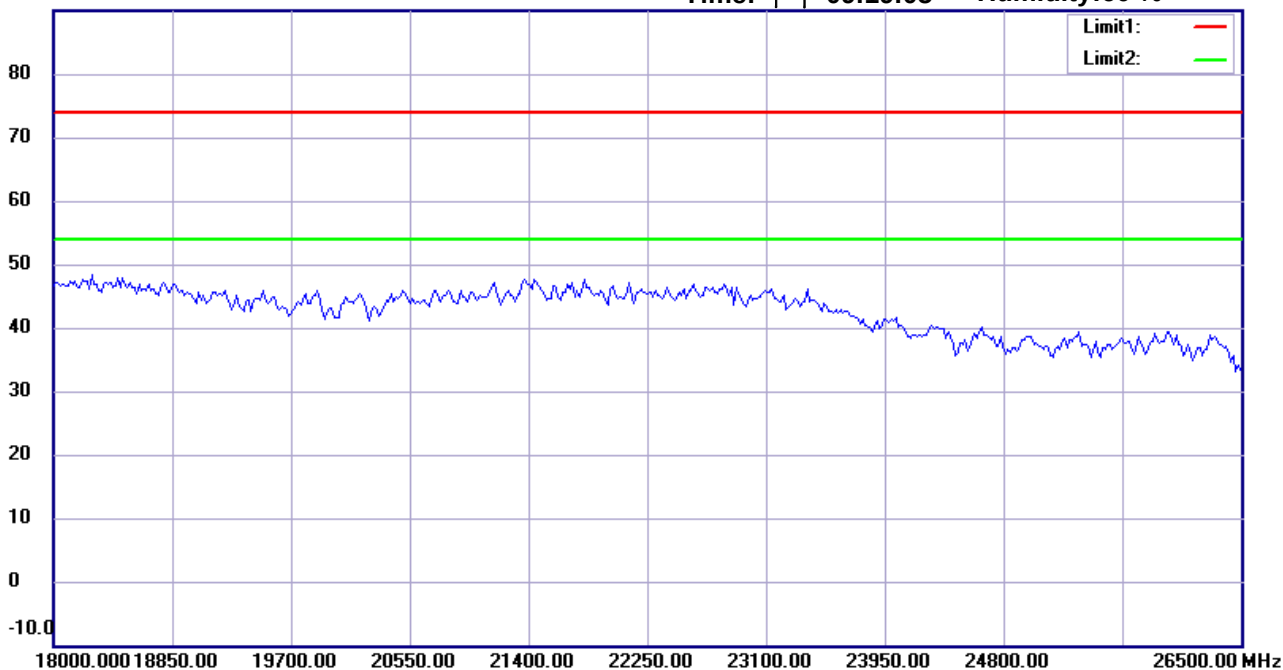
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:19:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

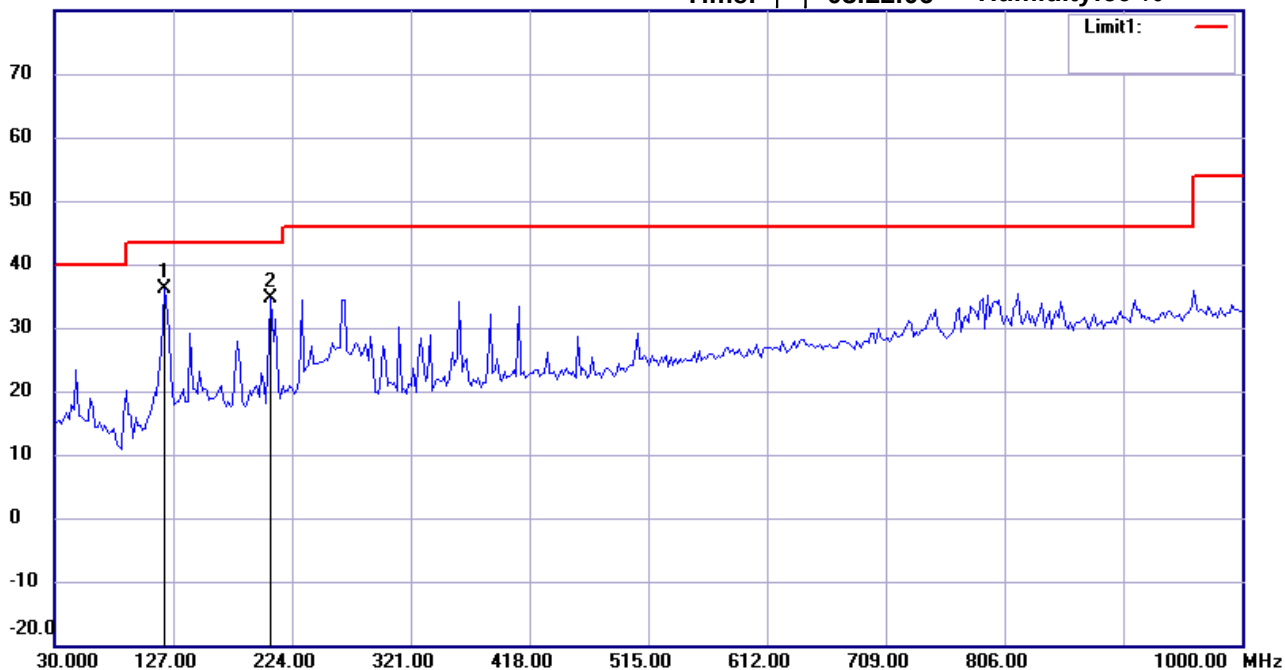
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:22:06

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	22.61	peak	13.62	36.23	43.50	100	125	-7.27	
	206.8937	22.11	peak	12.62	34.73	43.50	100	70	-8.77	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

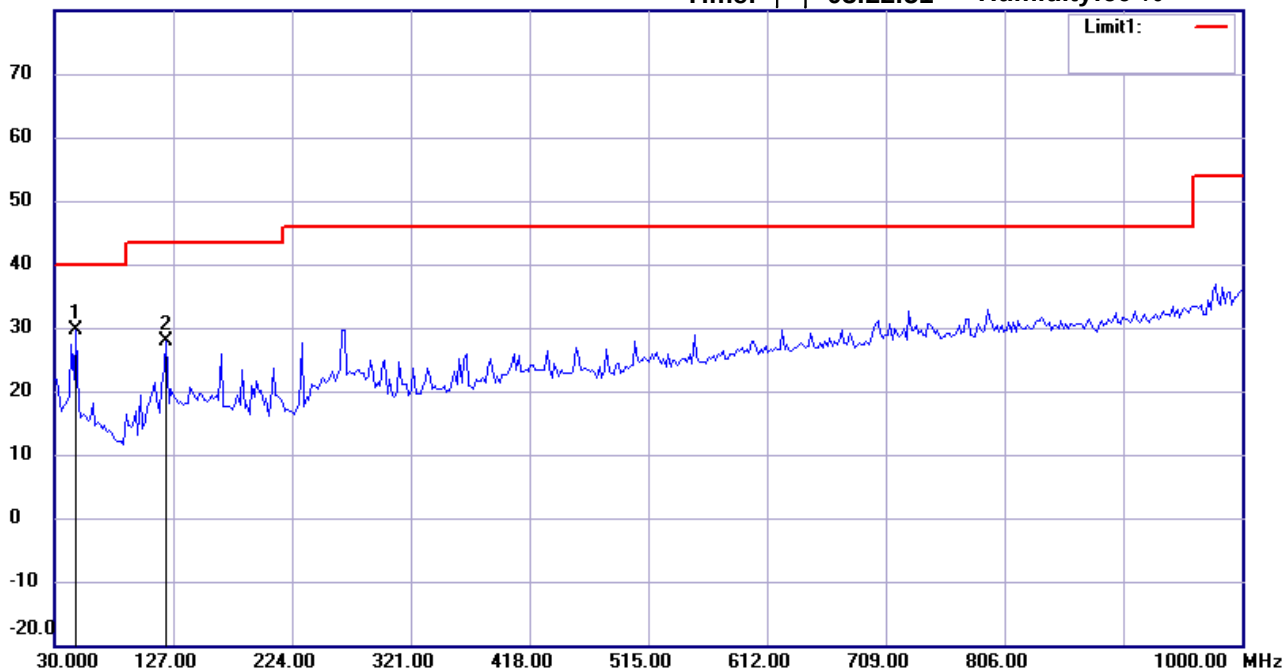
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:22:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	15.64	peak	14.09	29.73	40.00	100	165	-10.27	
	121.3627	14.13	peak	13.79	27.92	43.50	100	90	-15.58	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

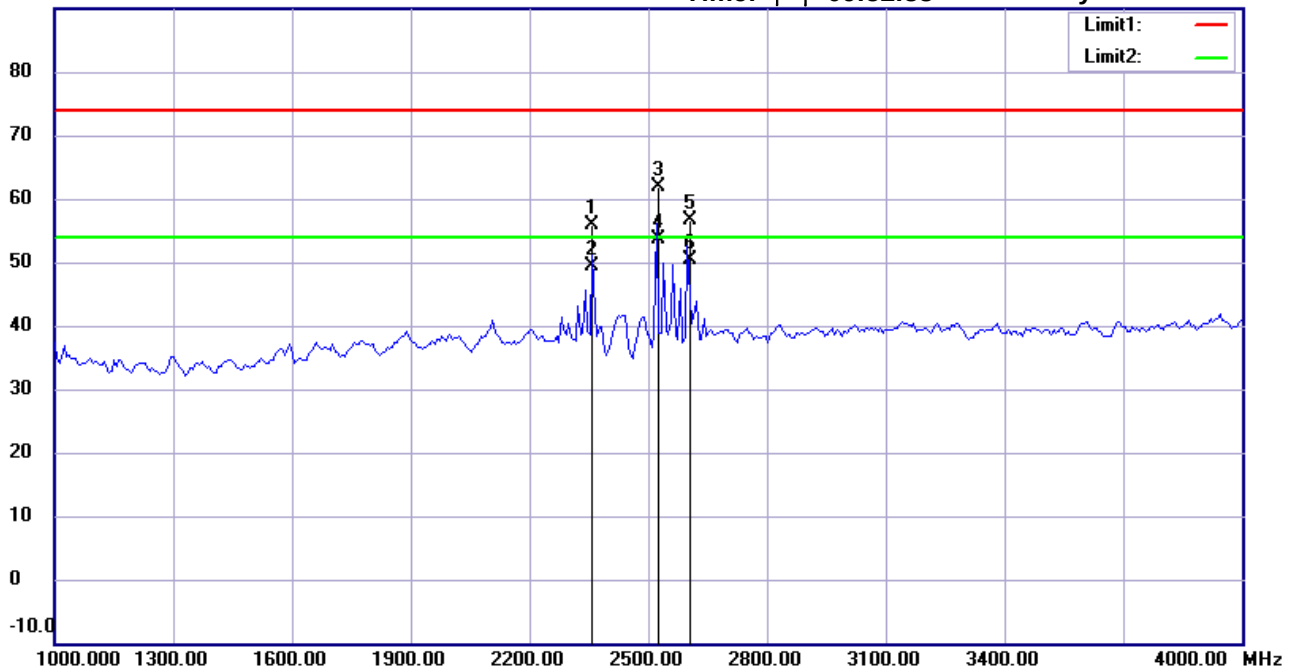
Date: 2015/12/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 09:52:33

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2358.717	60.57	peak	-4.75	55.82	74.00	100	275	-18.18	
	2358.717	54.16	AVG	-4.75	49.41	54.00	100	275	-4.59	
	2521.044	66.23	peak	-4.28	61.95	74.00	105	303	-12.05	
*	2521.044	57.98	AVG	-4.28	53.70	54.00	105	303	-0.30	
	2601.056	60.72	peak	-4.17	56.55	74.00	100	135	-17.45	
	2601.056	54.56	AVG	-4.17	50.39	54.00	100	135	-3.61	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

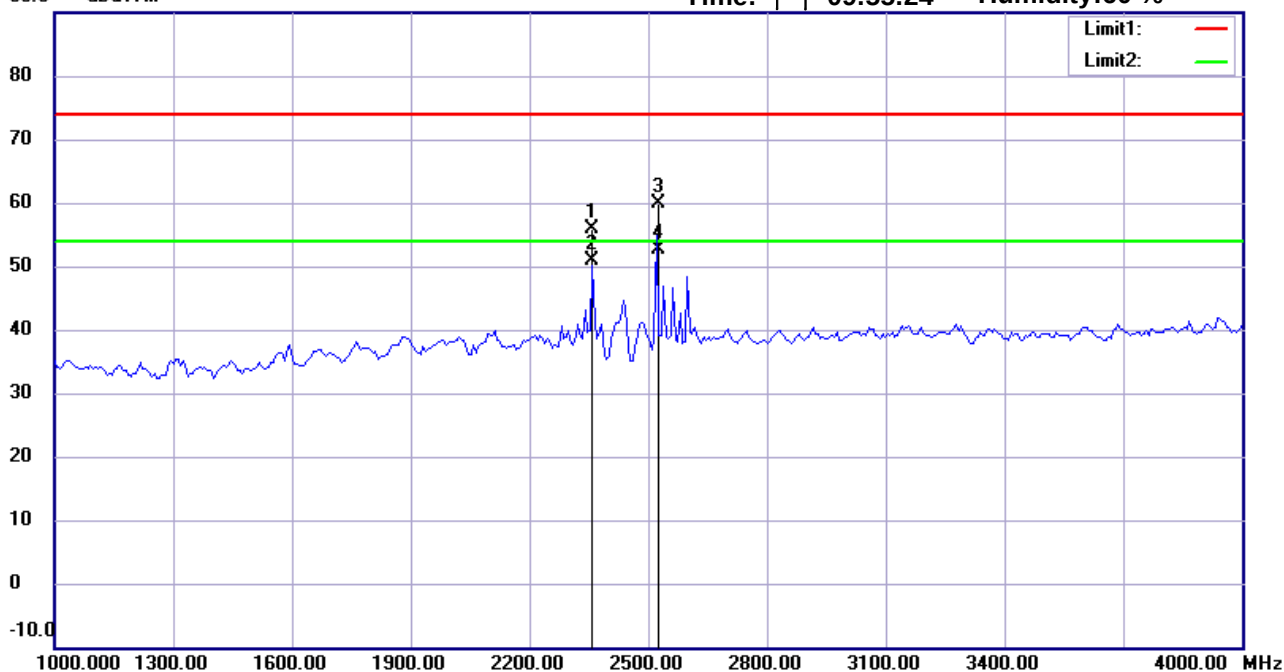
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:55:24

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2358.717	60.57	peak	-4.75	55.82	74.00	105	243	-18.18	
	2358.717	55.63	AVG	-4.75	50.88	54.00	105	243	-3.12	
	2521.056	64.25	peak	-4.28	59.97	74.00	118	219	-14.03	
*	2521.056	56.85	AVG	-4.28	52.57	54.00	118	219	-1.43	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

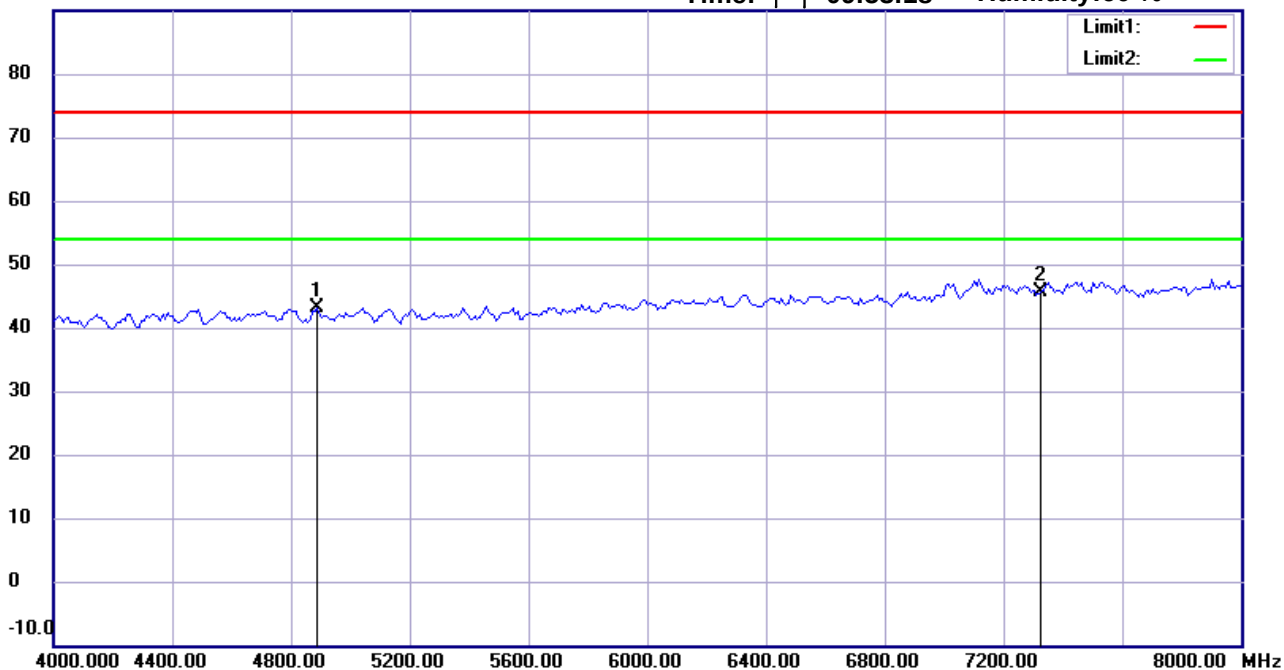
Date: 2015/12/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 09:53:18

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4882.000	43.37	peak	-0.16	43.21	74.00	100	215	-30.79	
*	7323.000	40.82	peak	4.85	45.67	74.00	100	260	-28.33	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

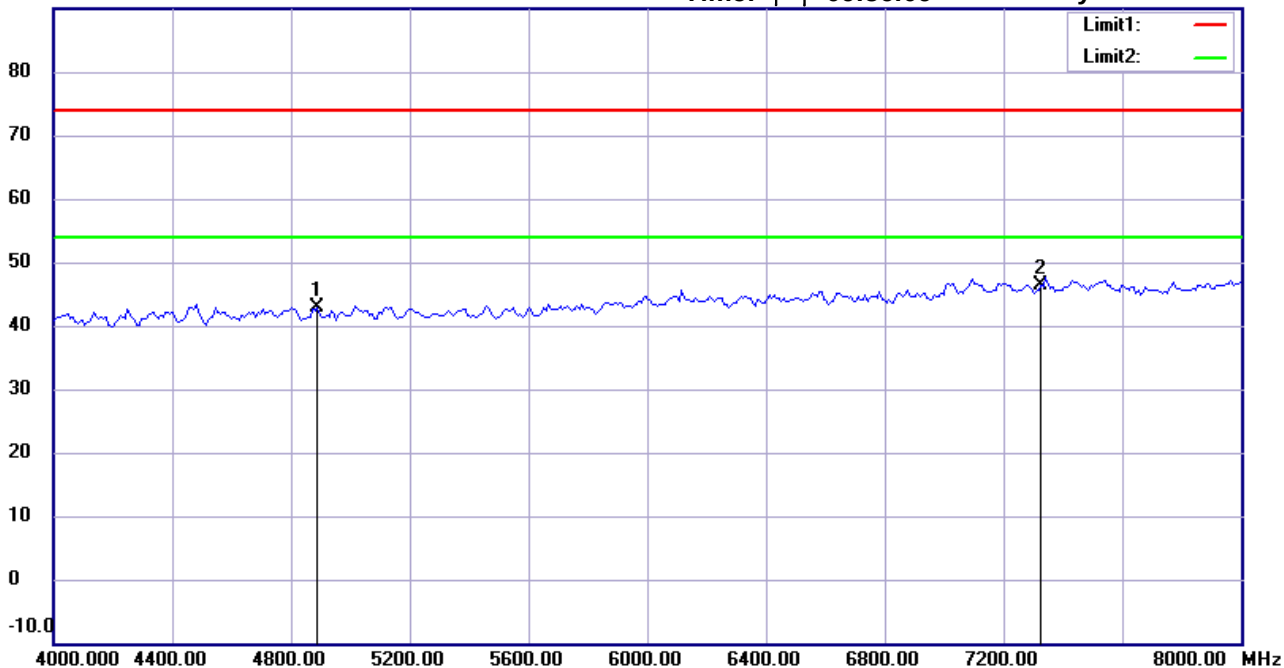
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:56:09

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4882.000	42.92	peak	-0.16	42.76	74.00	100	185	-31.24	
*	7323.000	41.54	peak	4.85	46.39	74.00	100	240	-27.61	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

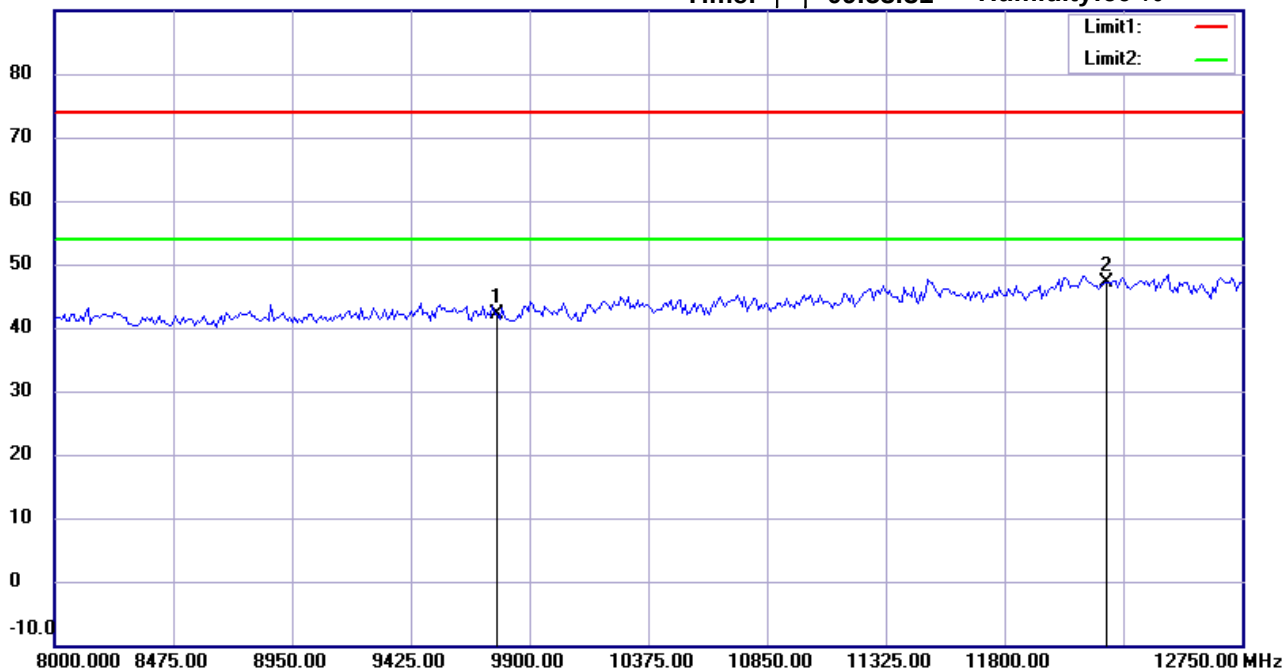
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:53:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9764.000	34.38	peak	7.81	42.19	74.00	100	155	-31.81	
*	12205.000	32.76	peak	14.26	47.02	74.00	100	95	-26.98	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

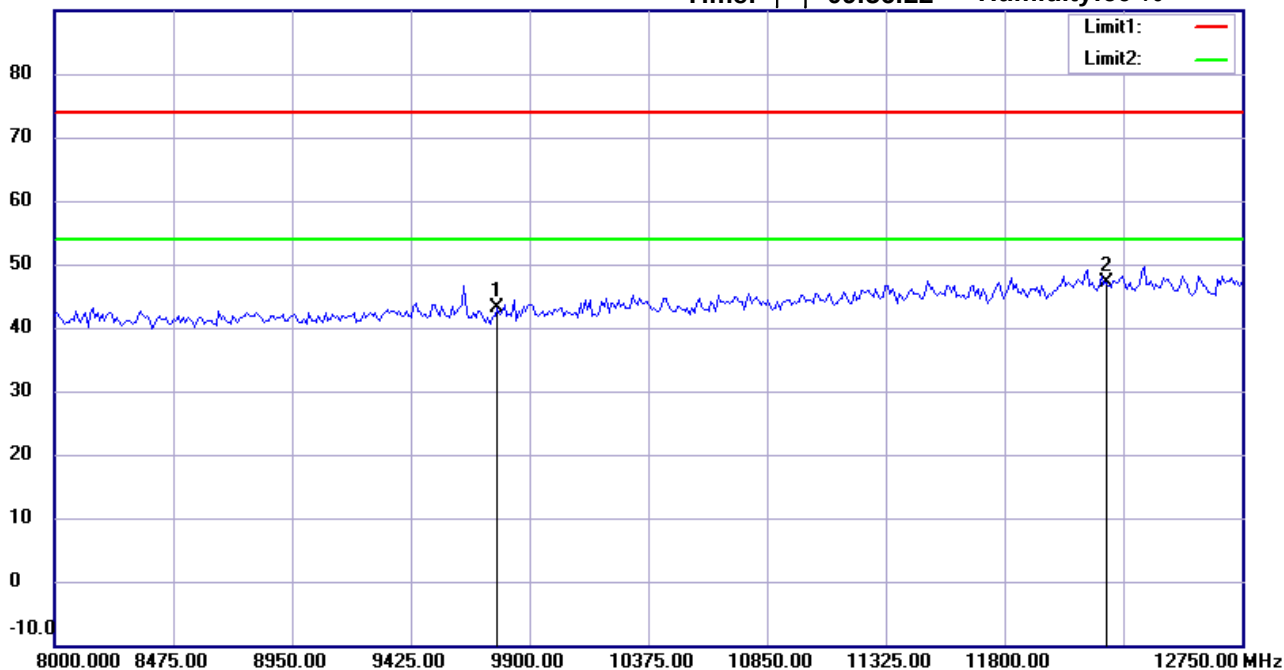
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:56:22

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9764.000	35.20	peak	7.81	43.01	74.00	100	60	-30.99	
*	12205.000	32.83	peak	14.26	47.09	74.00	100	135	-26.91	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

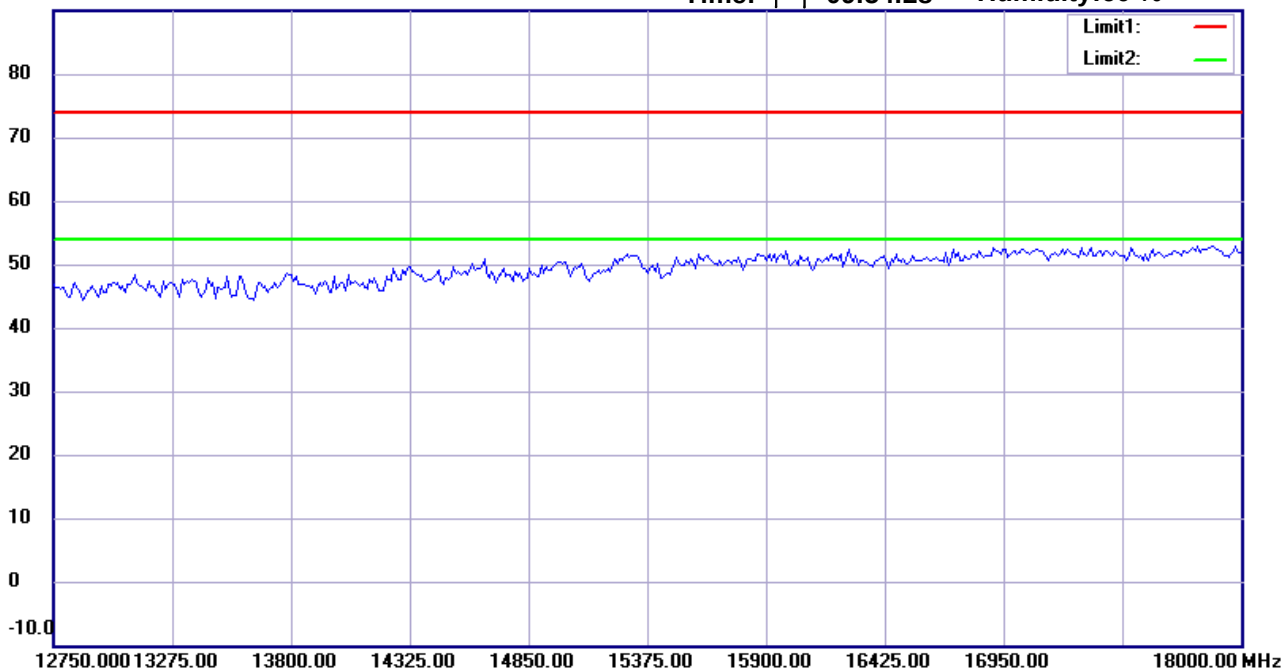
Date: 2015/12/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 09:54:28

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

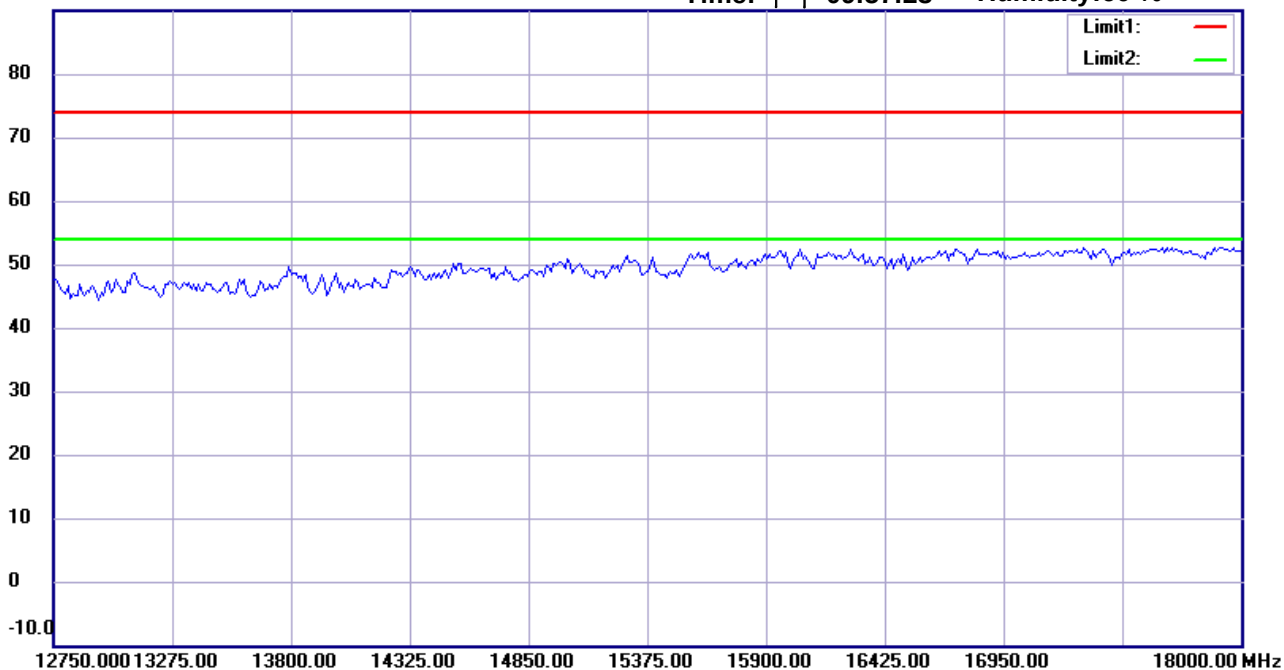
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:57:23

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

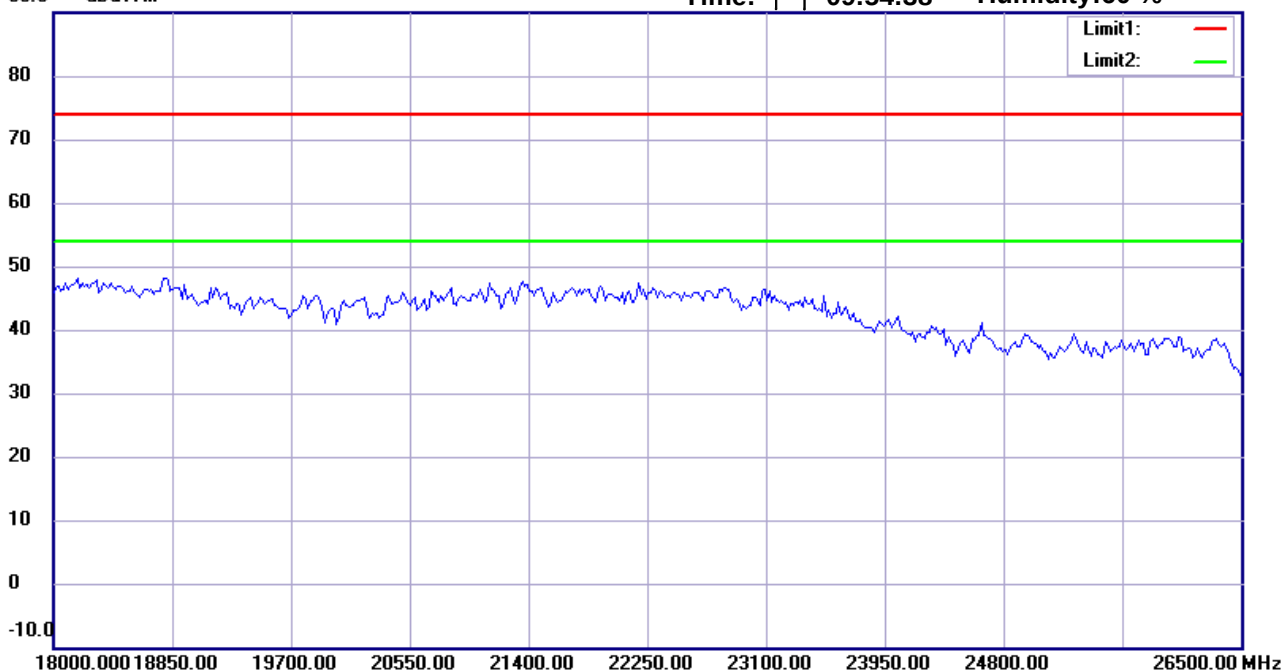
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:54:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

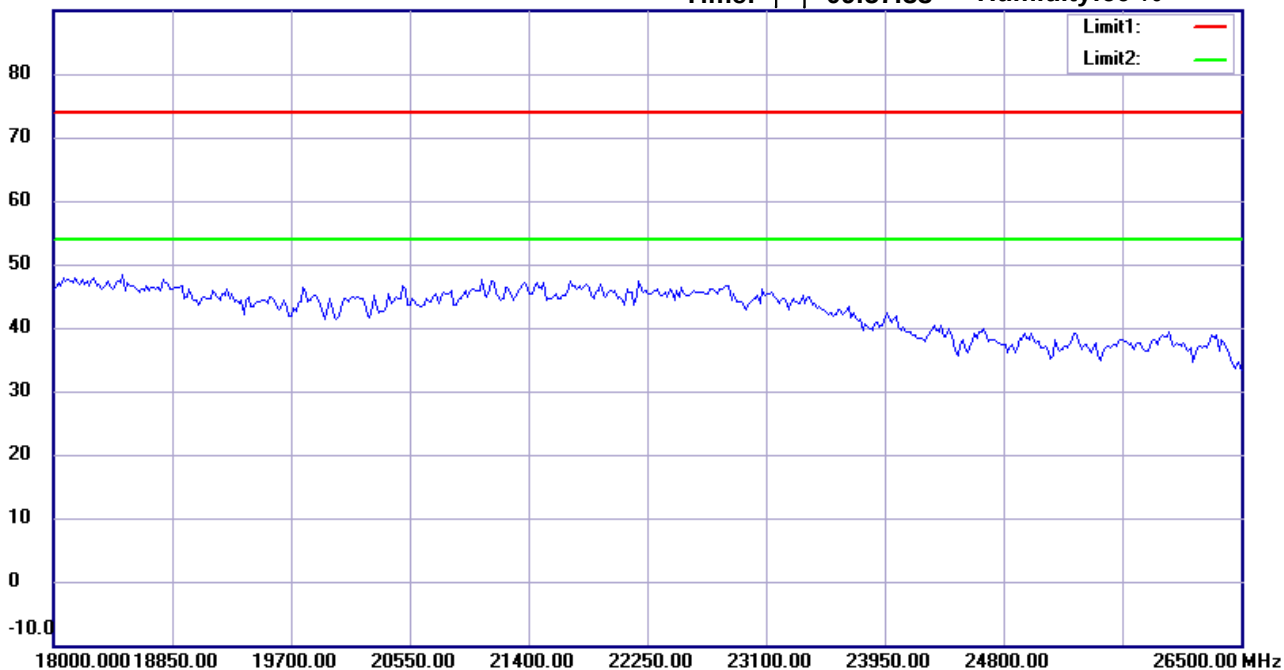
Date: 2015/12/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 09:57:33

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

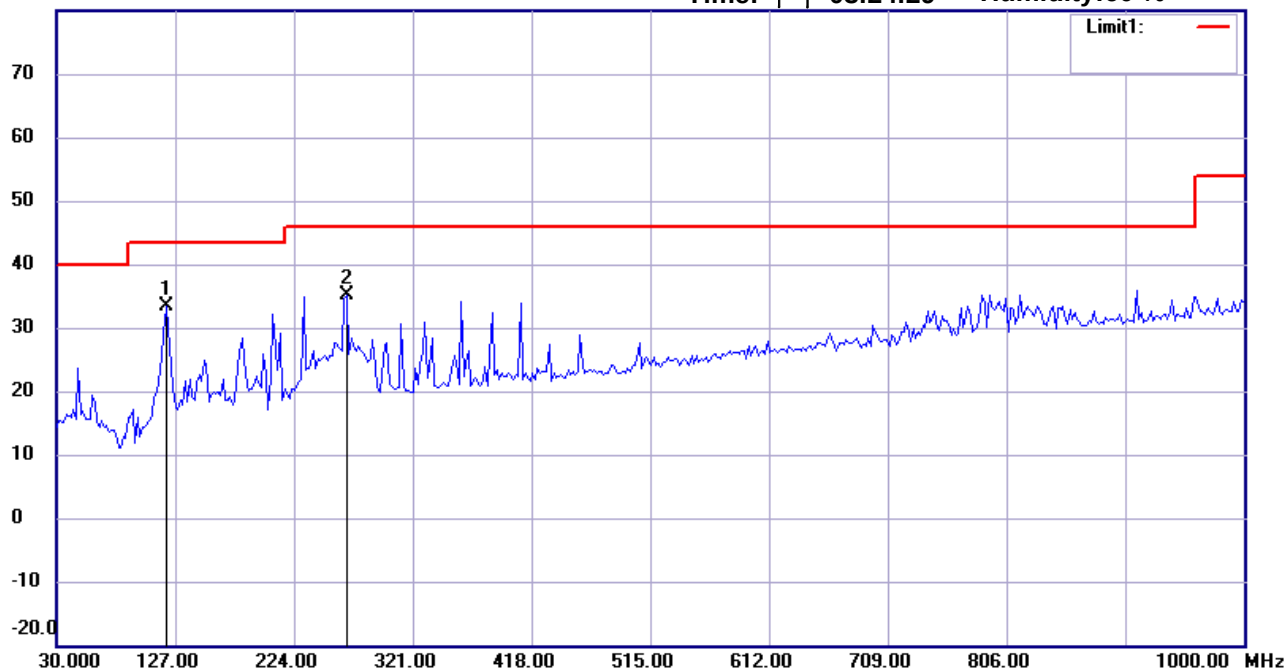
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:24:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	19.71	peak	13.62	33.33	43.50	100	85	-10.17	
	267.1542	20.38	peak	14.84	35.22	46.00	100	170	-10.78	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

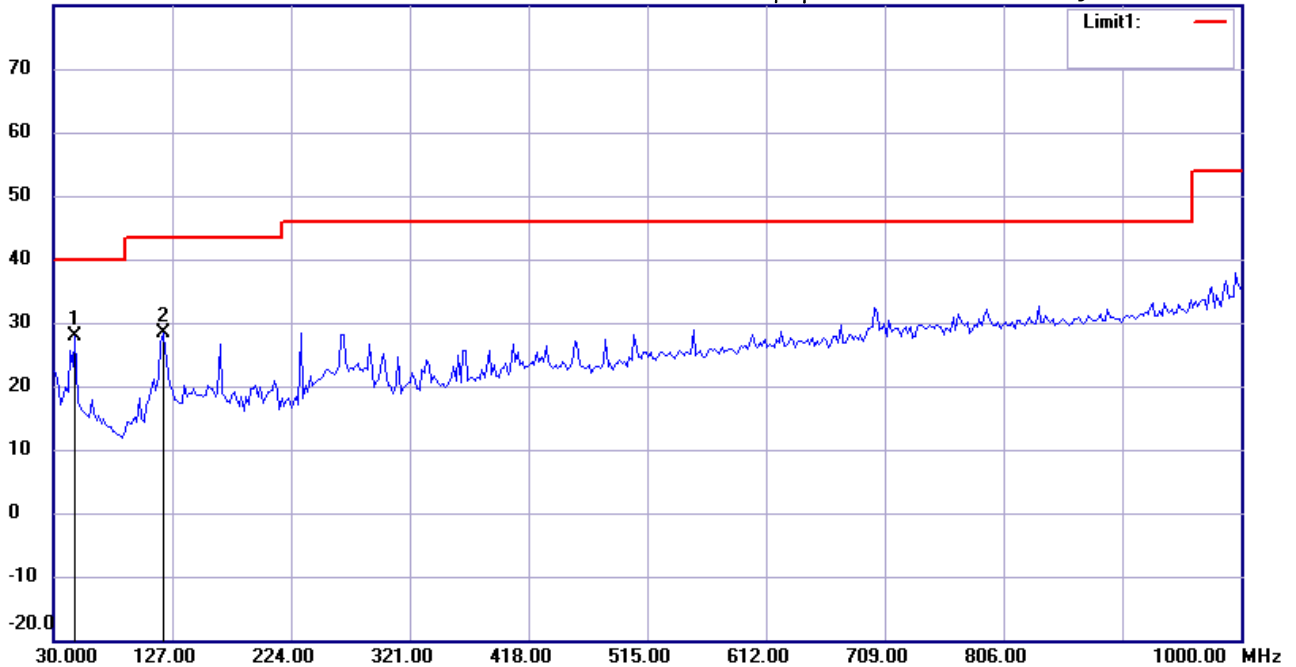
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:25:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.84	peak	14.09	27.93	40.00	100	175	-12.07	
	119.4188	14.85	peak	13.62	28.47	43.50	100	160	-15.03	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

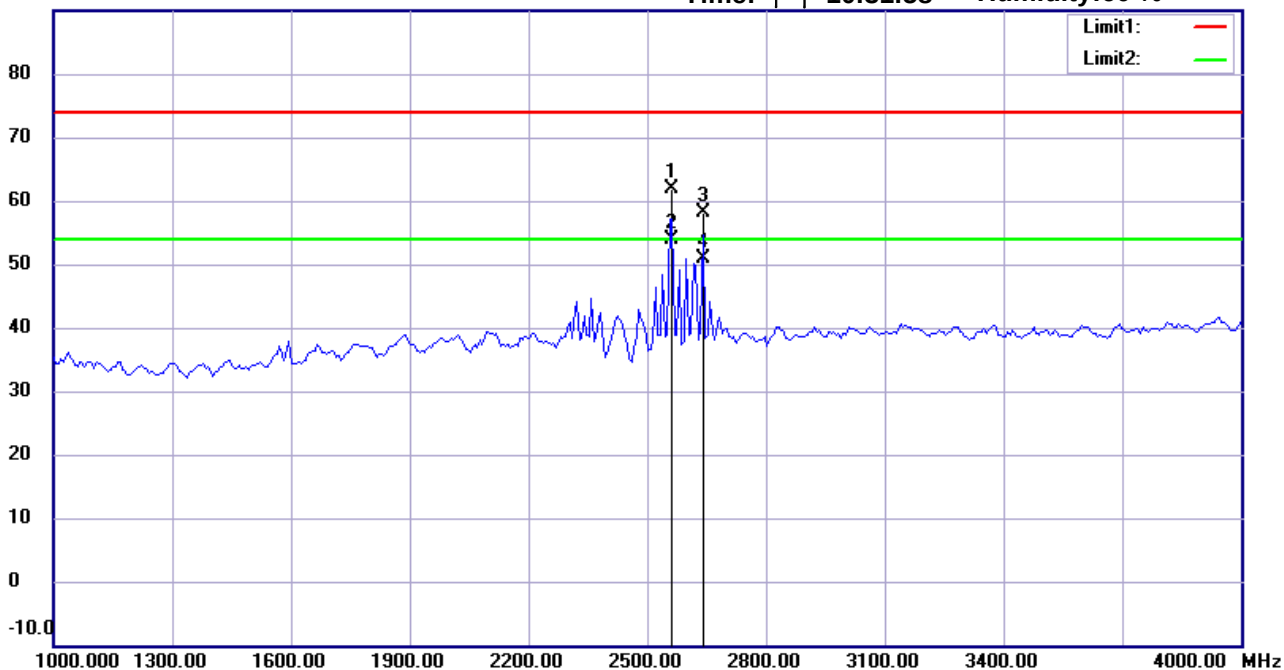
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 10:31:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2560.062	66.15	peak	-4.23	61.92	74.00	105	300	-12.08	
*	2560.062	58.18	AVG	-4.23	53.95	54.00	105	300	-0.05	
	2640.018	62.20	peak	-4.14	58.06	74.00	100	303	-15.94	
	2640.018	54.93	AVG	-4.14	50.79	54.00	100	303	-3.21	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

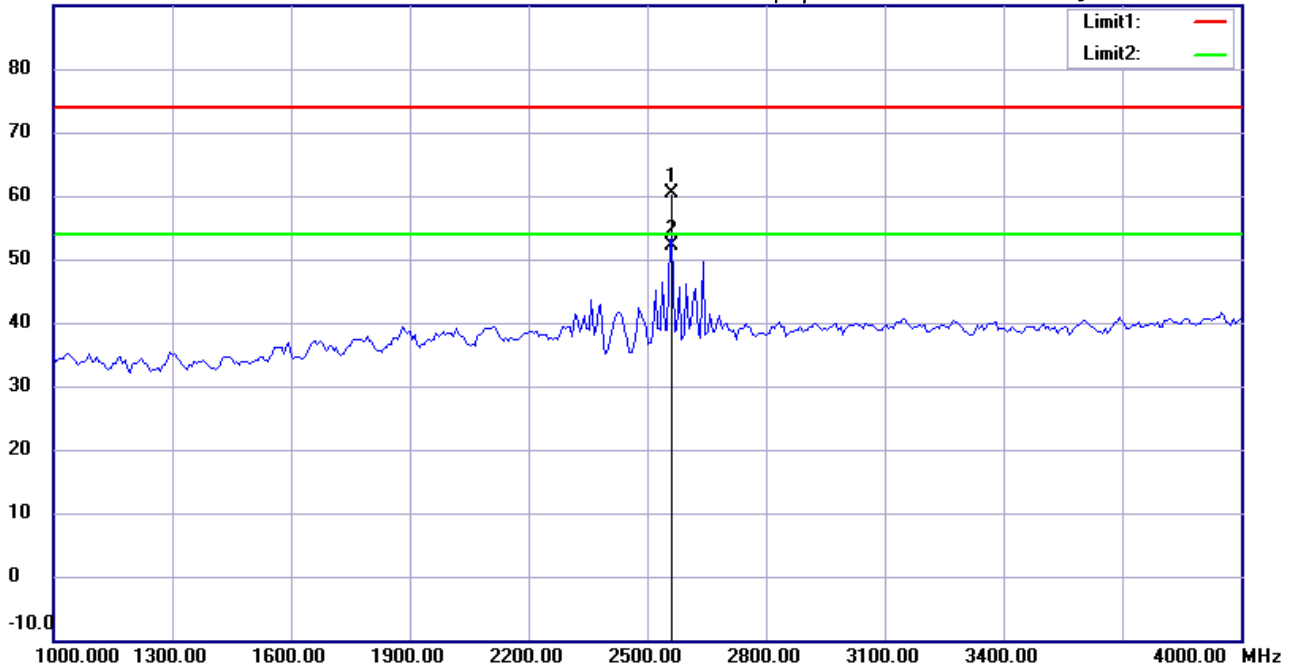
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 10:34:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2563.126	64.63	peak	-4.22	60.41	74.00	103	235	-13.59	
*	2563.126	56.27	AVG	-4.22	52.05	54.00	103	235	-1.95	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

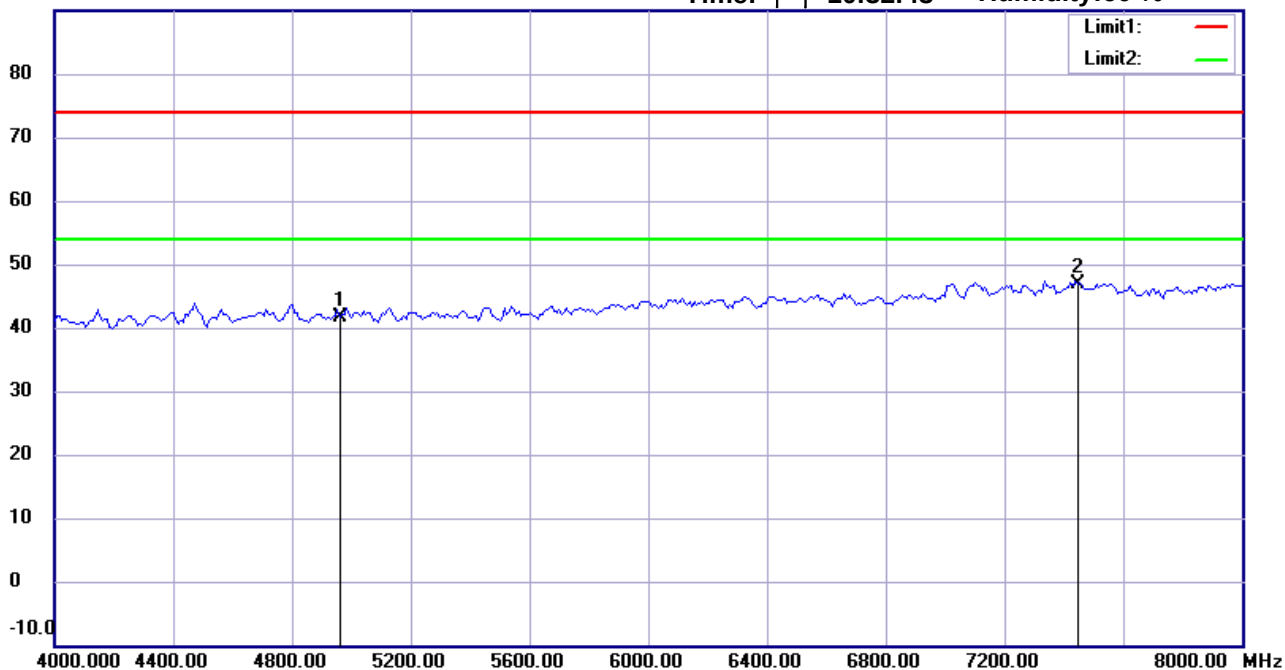
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 10:32:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	41.42	peak	0.24	41.66	74.00	100	245	-32.34	
*	7440.000	41.76	peak	5.20	46.96	74.00	100	190	-27.04	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

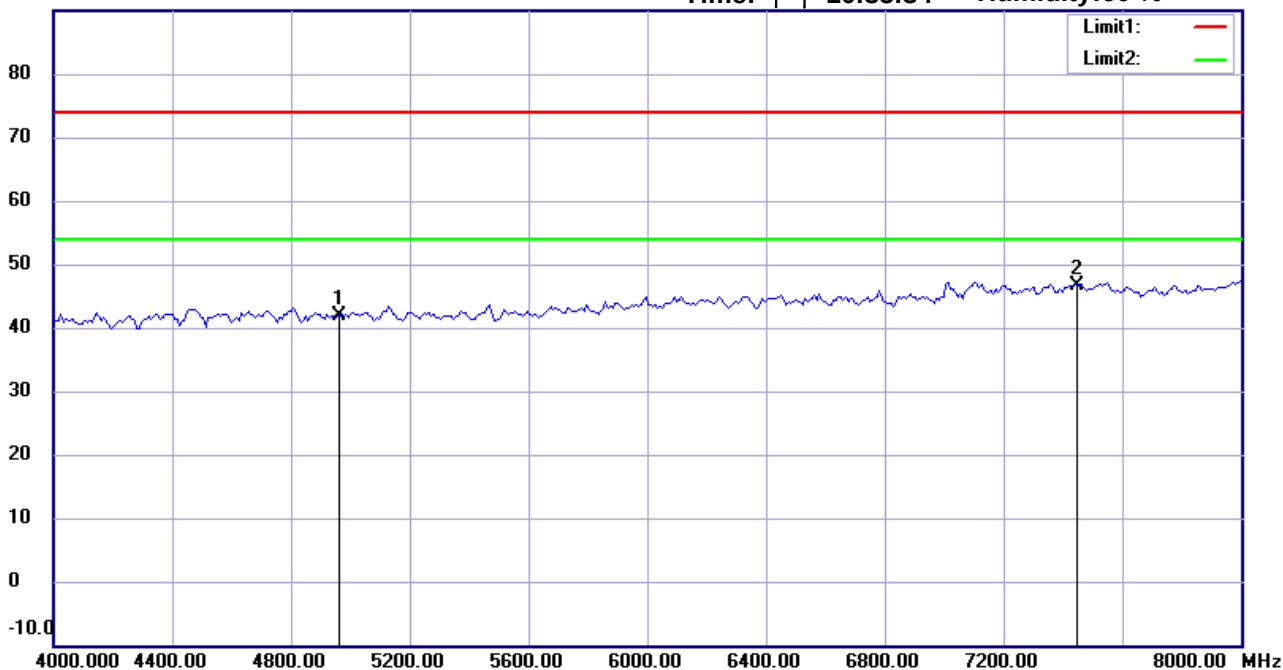
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 10:35:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	41.76	peak	0.24	42.00	74.00	100	275	-32.00	
*	7440.000	41.54	peak	5.20	46.74	74.00	100	240	-27.26	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

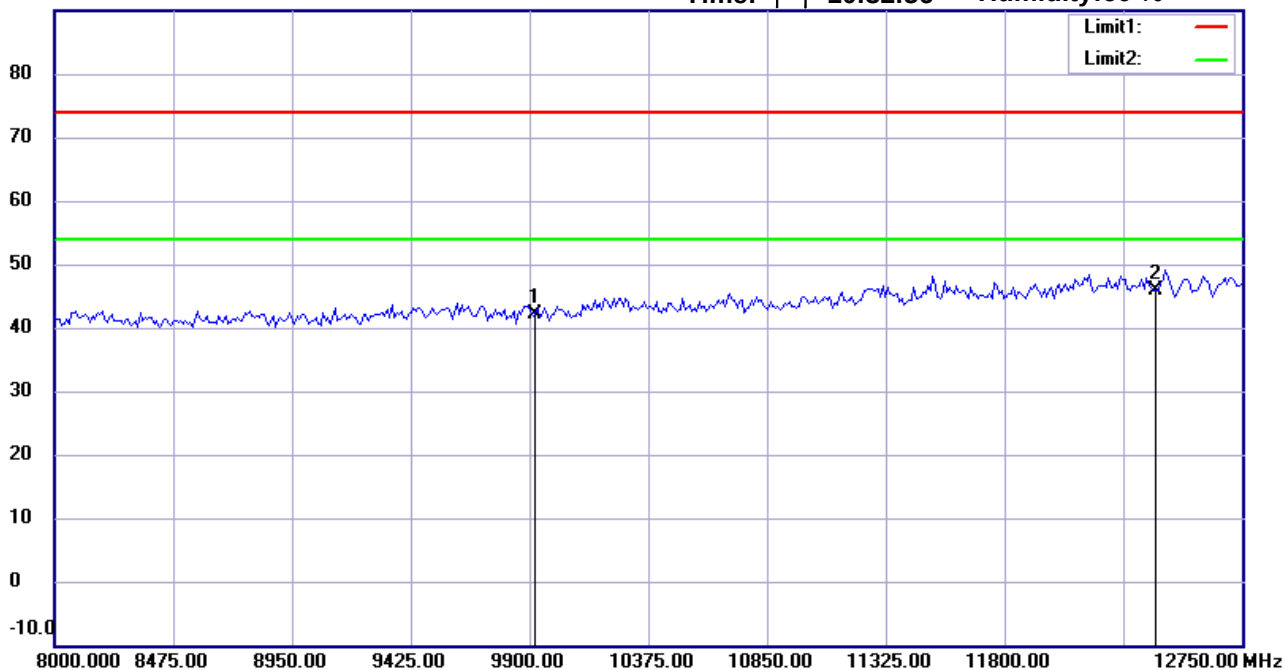
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 10:32:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	34.10	peak	8.13	42.23	74.00	100	155	-31.77	
*	12400.000	31.38	peak	14.41	45.79	74.00	100	90	-28.21	

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



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

Operator: Leon

File :3

Data :#8

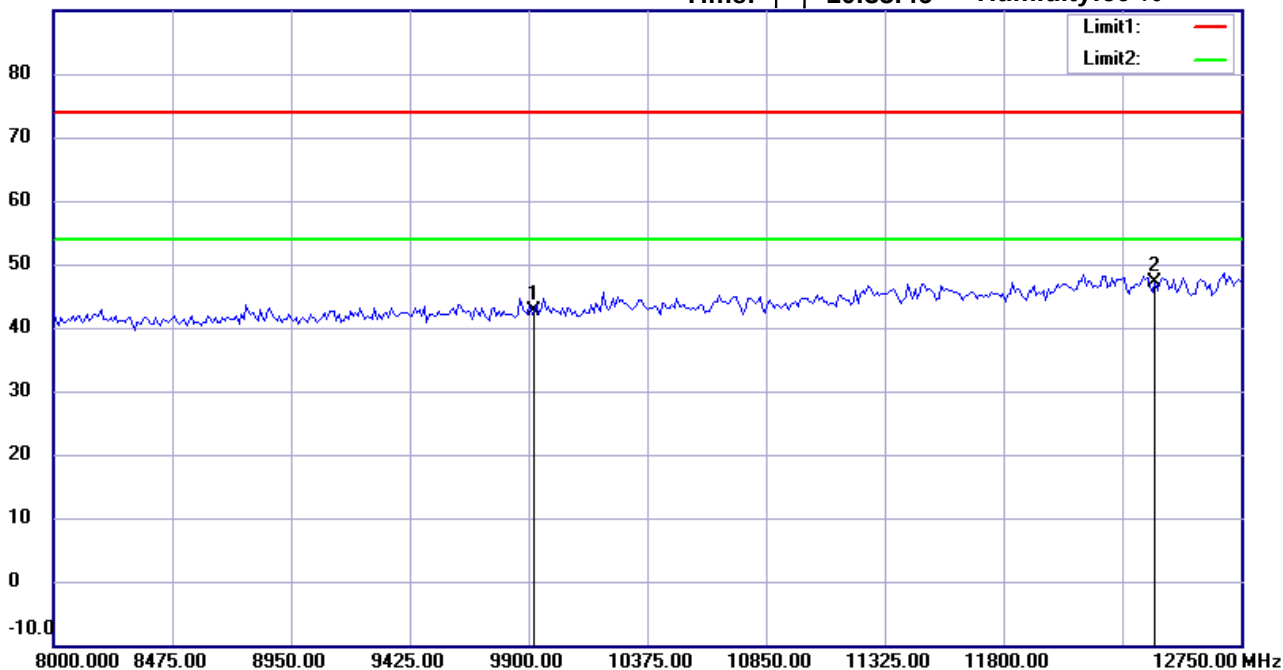
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 10:35:46

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	34.48	peak	8.13	42.61	74.00	100	135	-31.39	
*	12400.000	32.61	peak	14.41	47.02	74.00	100	270	-26.98	

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



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

Operator: Leon

File :3

Data :#4

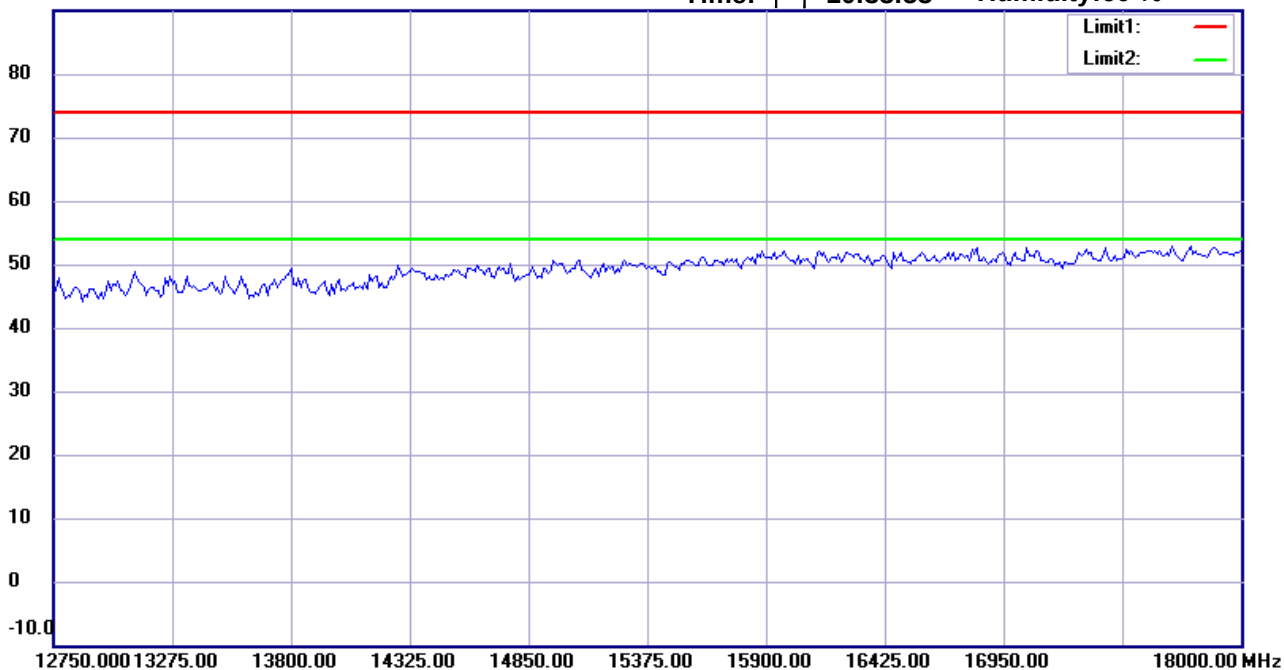
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 10:33:53

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

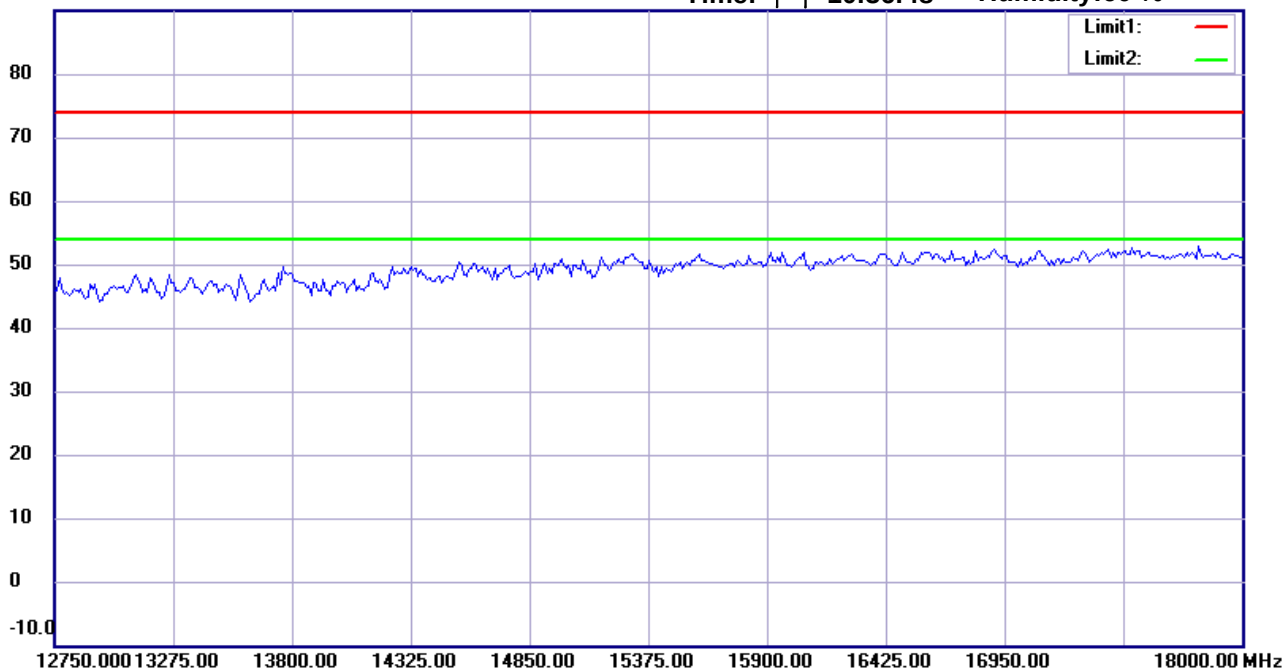
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 10:36:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

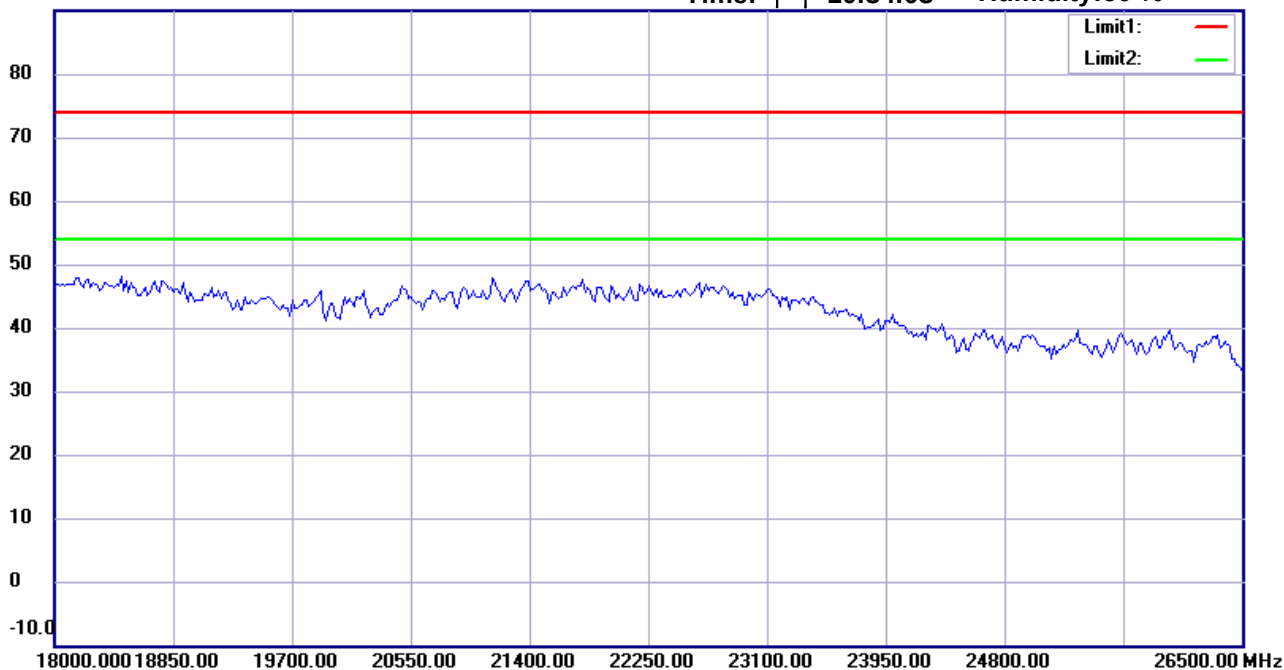
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 10:34:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

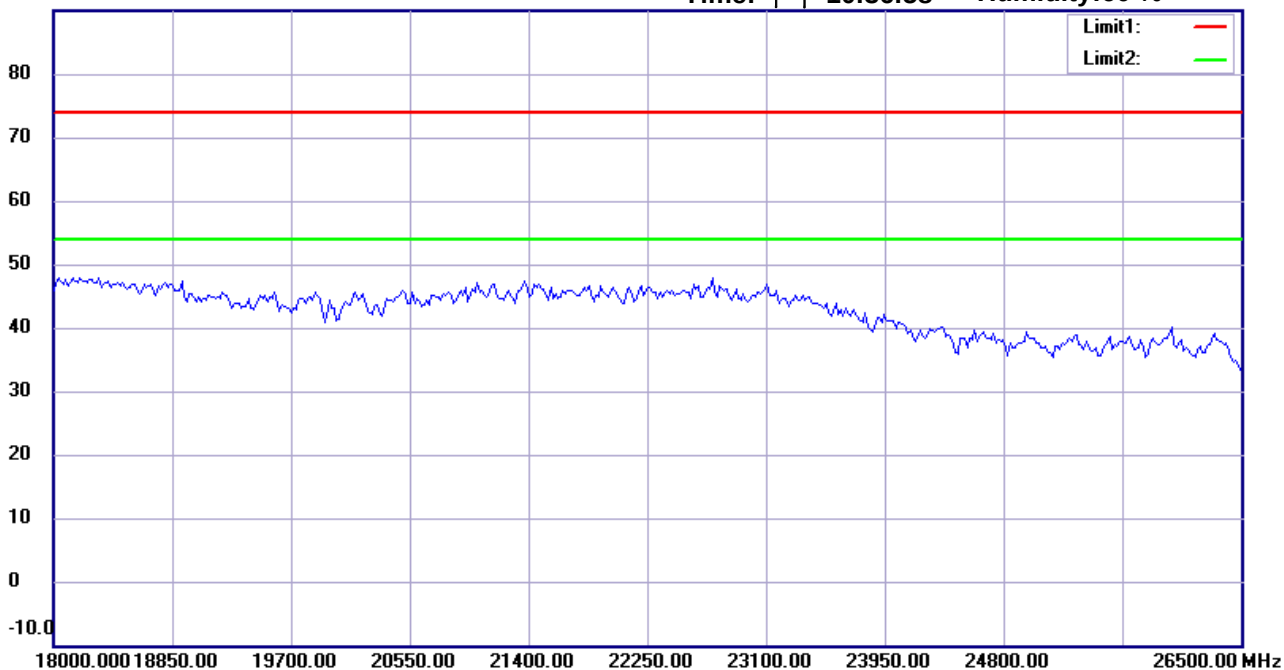
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 10:36:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

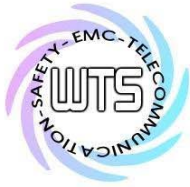
Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21512-15493-C-1
FCC ID: IR5RW11

Spurious Emission Radiated _TX_BT 4.0



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

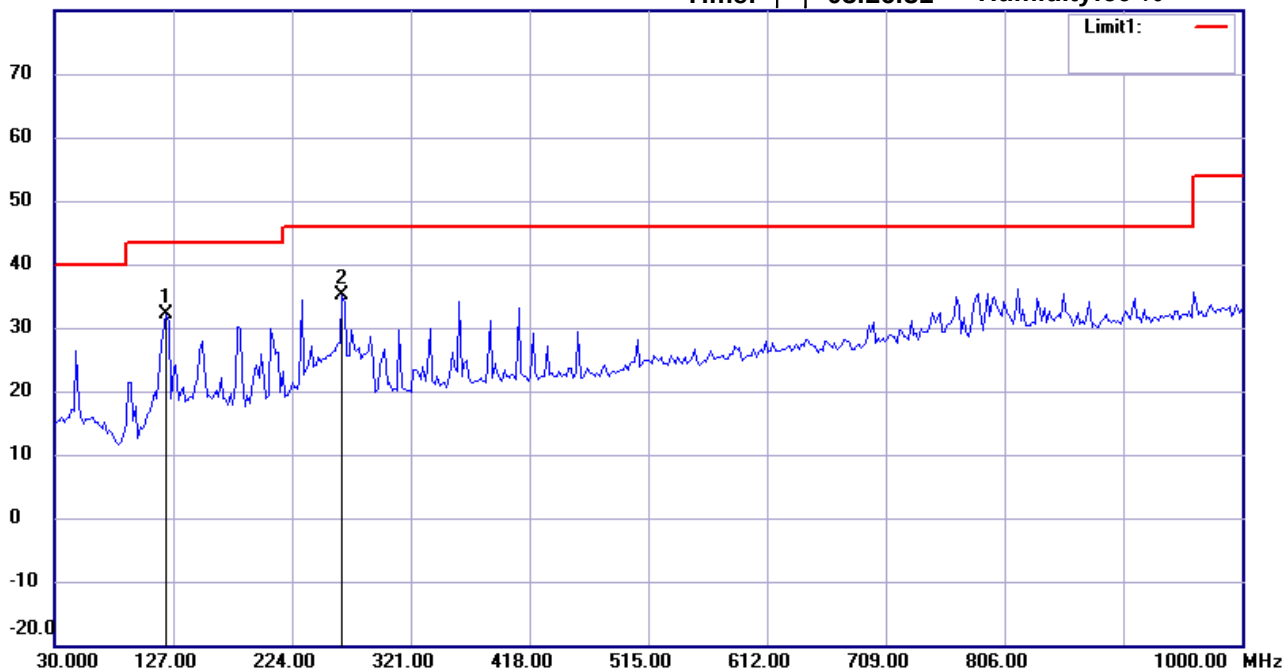
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:26:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	121.3627	18.46	peak	13.79	32.25	43.50	100	235	-11.25	
*	265.2102	20.27	peak	14.76	35.03	46.00	100	140	-10.97	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

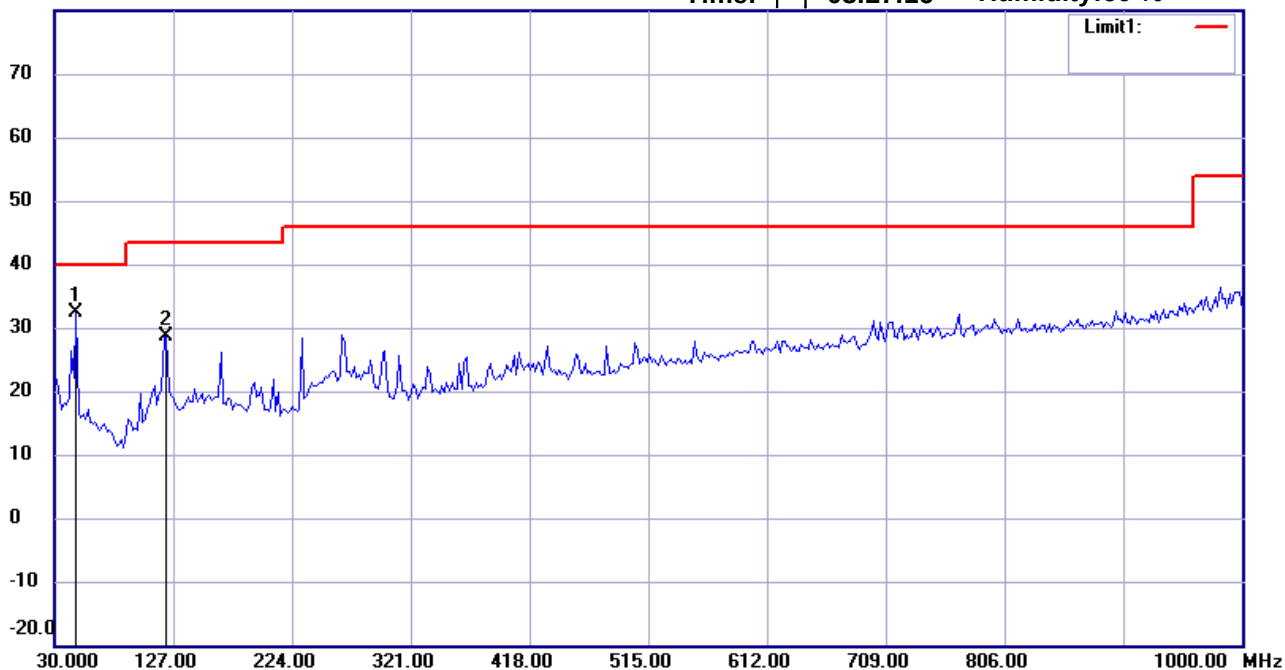
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:27:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	18.39	peak	14.09	32.48	40.00	100	255	-7.52	
	121.3627	14.91	peak	13.79	28.70	43.50	100	160	-14.80	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

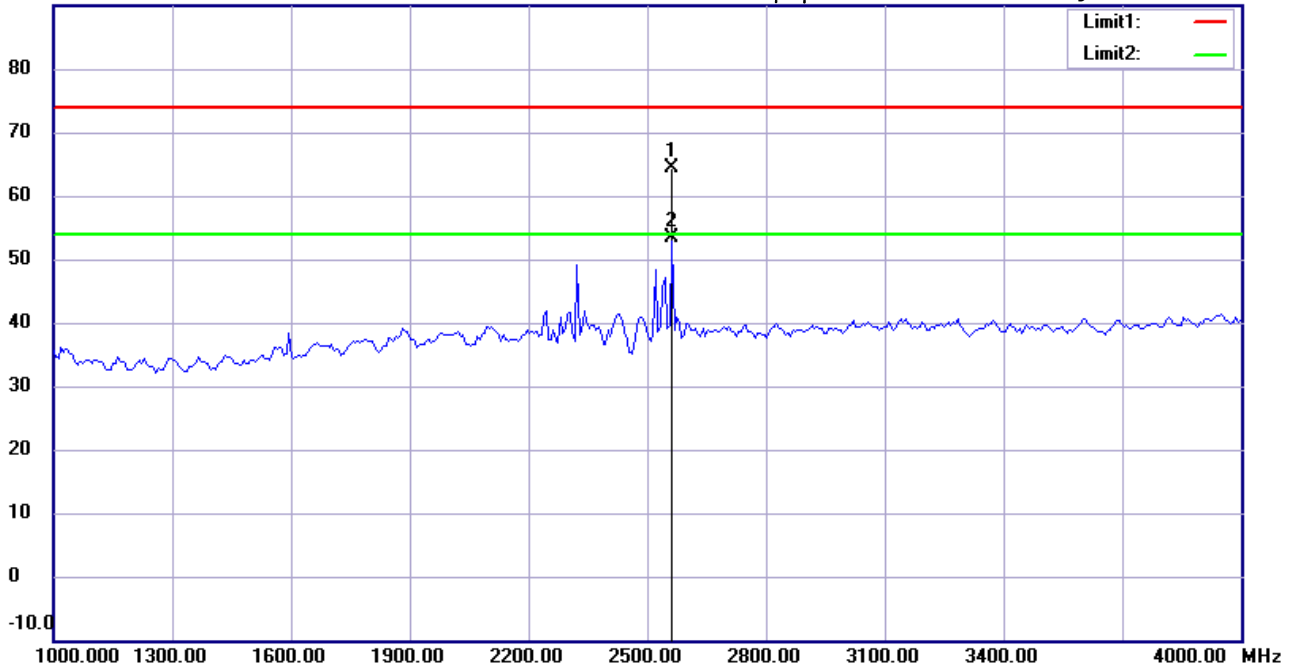
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:40:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2563.126	68.72	peak	-4.22	64.50	74.00	125	297	-9.50	
*	2563.126	57.53	AVG	-4.22	53.31	54.00	125	297	-0.69	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

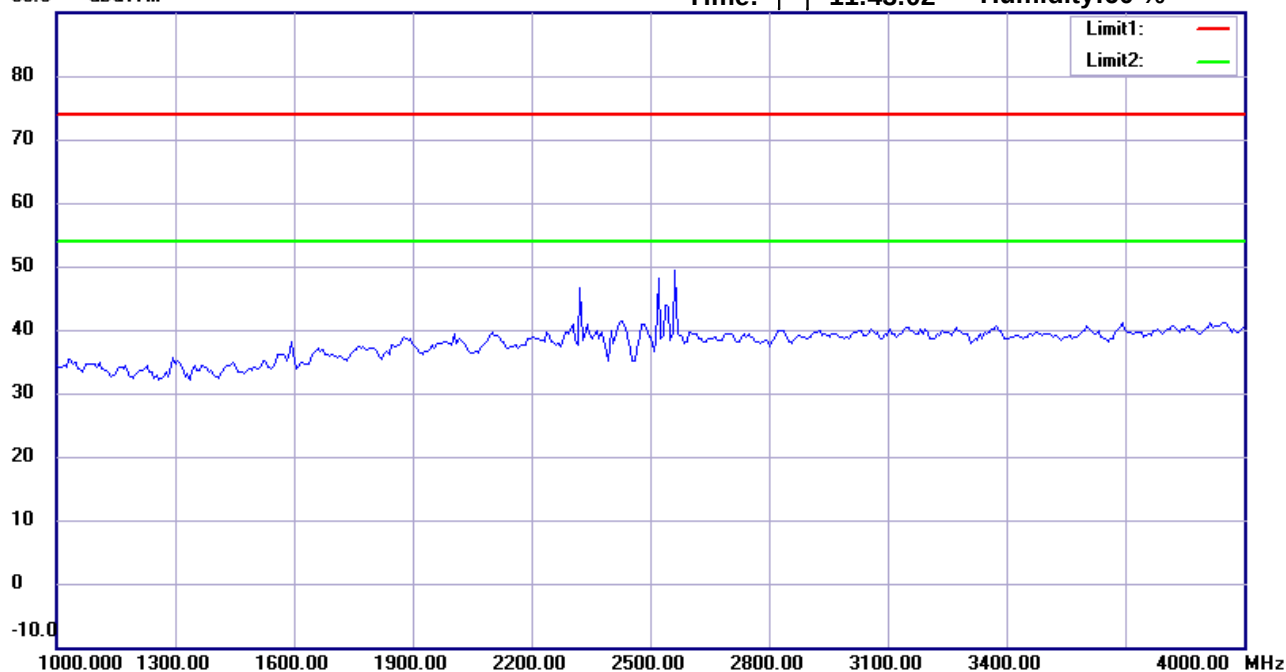
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:43:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#2

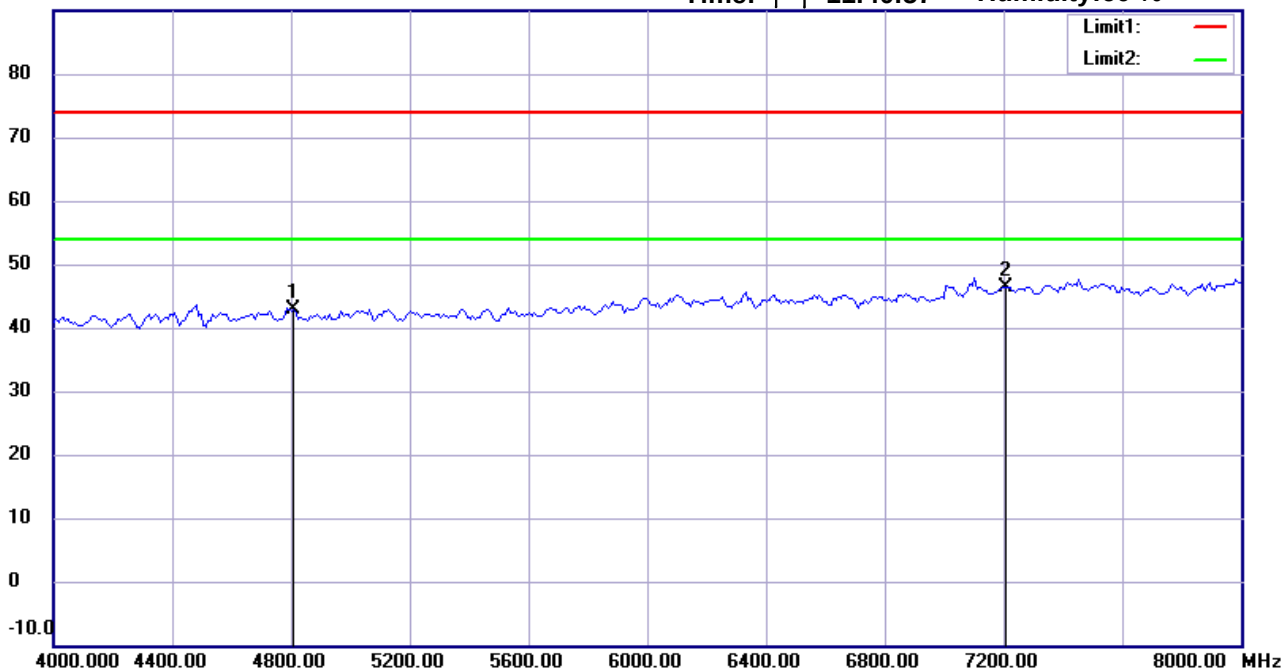
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:40:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	43.29	peak	-0.31	42.98	74.00	100	175	-31.02	
*	7206.000	41.75	peak	4.62	46.37	74.00	100	260	-27.63	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

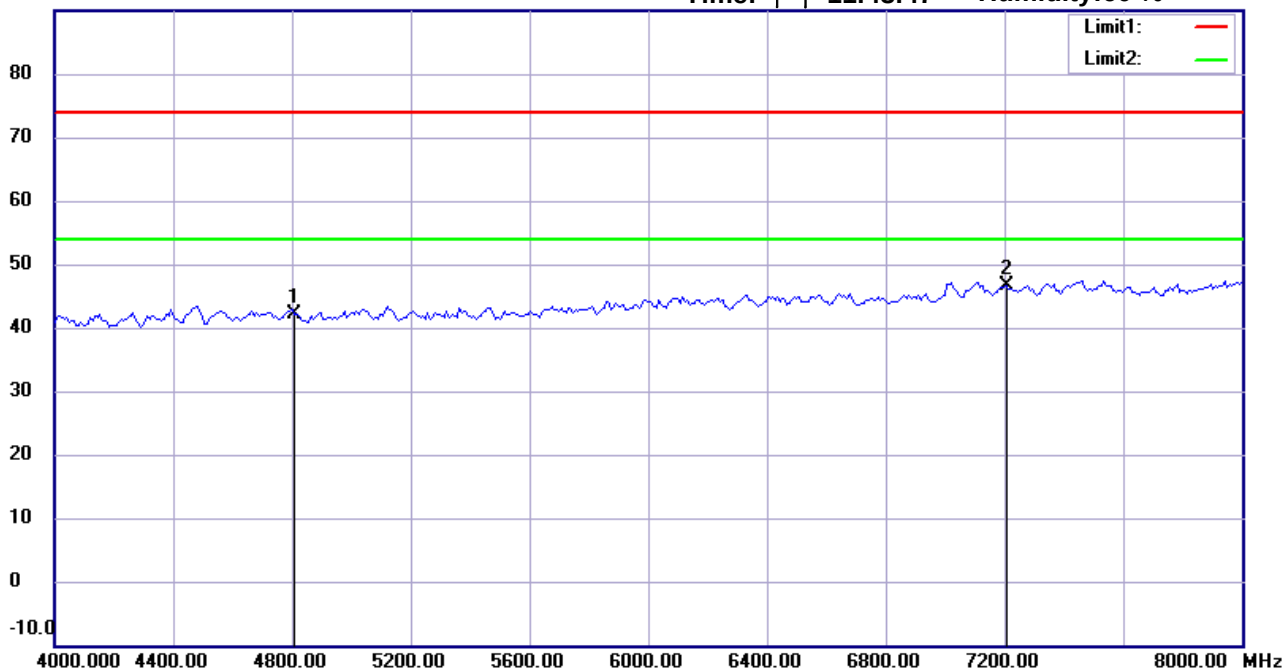
Date: 2015/12/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 11:43:47

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.55	peak	-0.31	42.24	74.00	100	230	-31.76	
*	7206.000	41.90	peak	4.62	46.52	74.00	100	175	-27.48	

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



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

Operator: Leon

File :3

Data :#3

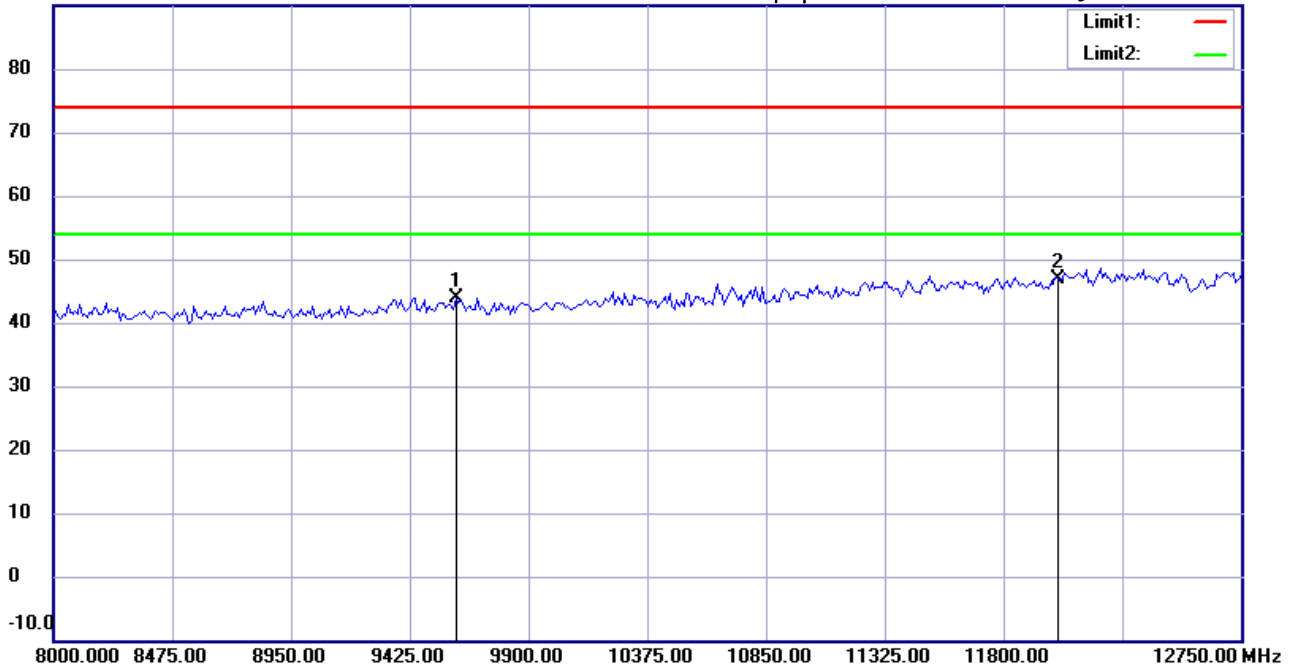
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:41:09

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	35.92	peak	7.89	43.81	74.00	100	190	-30.19	
*	12010.000	33.86	peak	12.97	46.83	74.00	100	210	-27.17	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

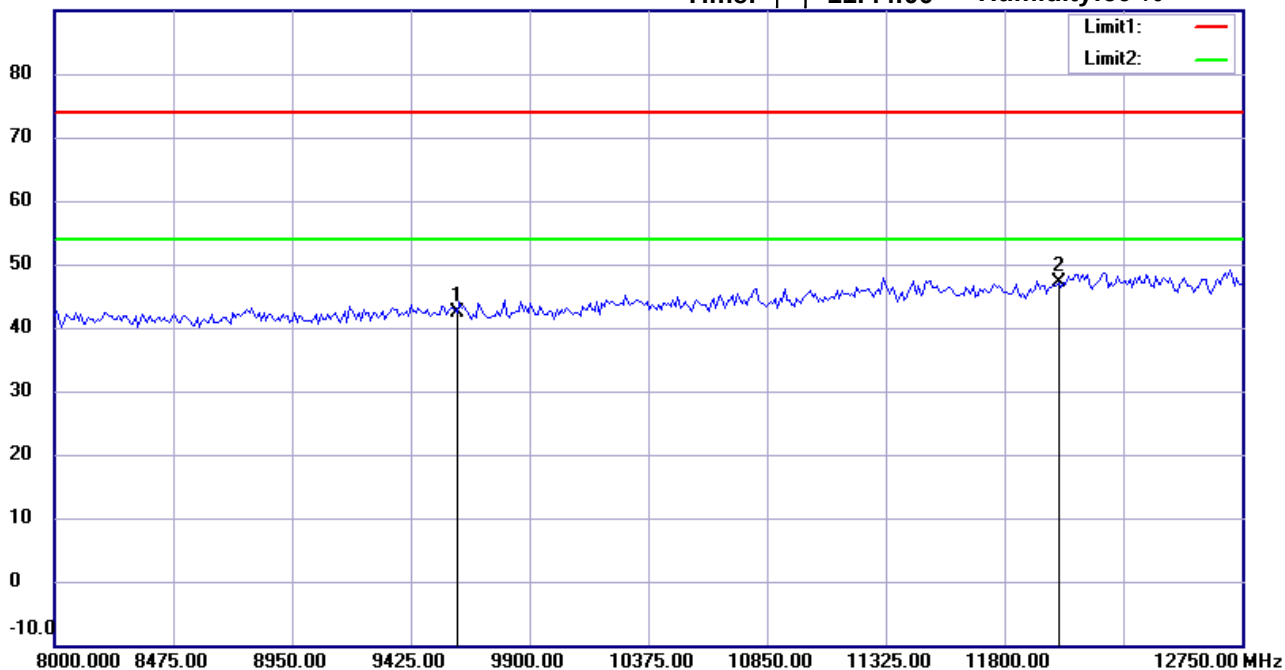
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:44:00

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	34.42	peak	7.89	42.31	74.00	100	85	-31.69	
*	12010.000	34.23	peak	12.97	47.20	74.00	100	190	-26.80	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

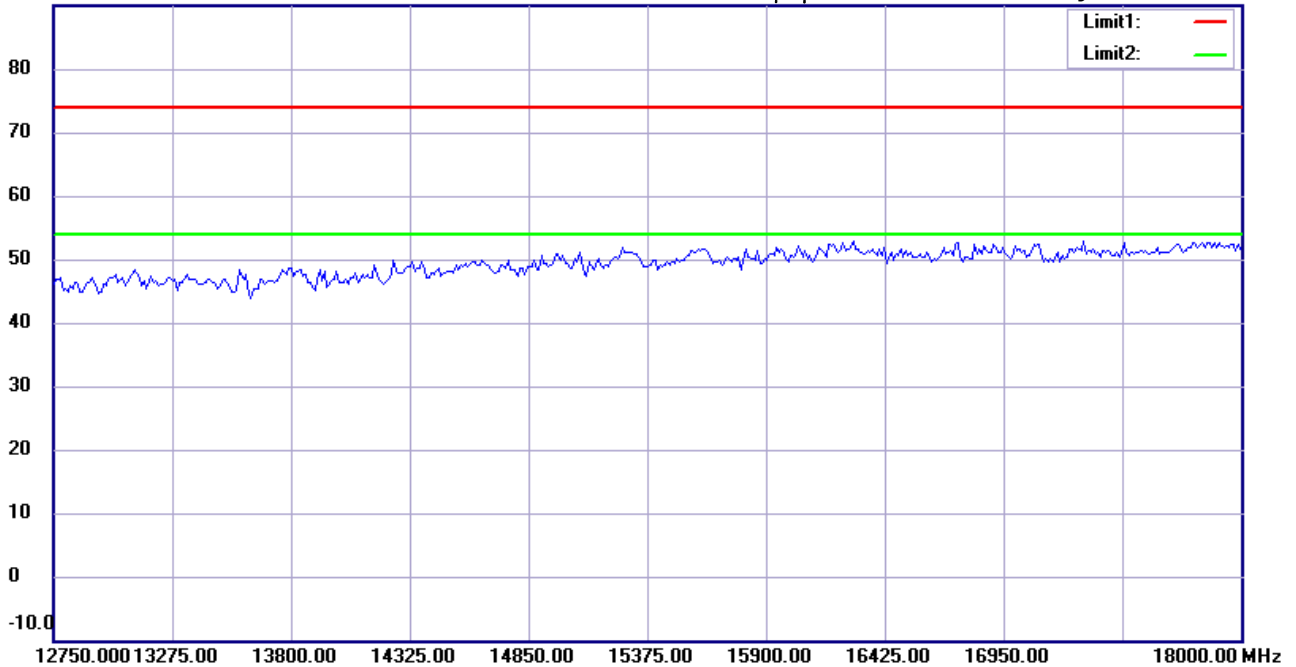
Date: 2015/12/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 11:42:07

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

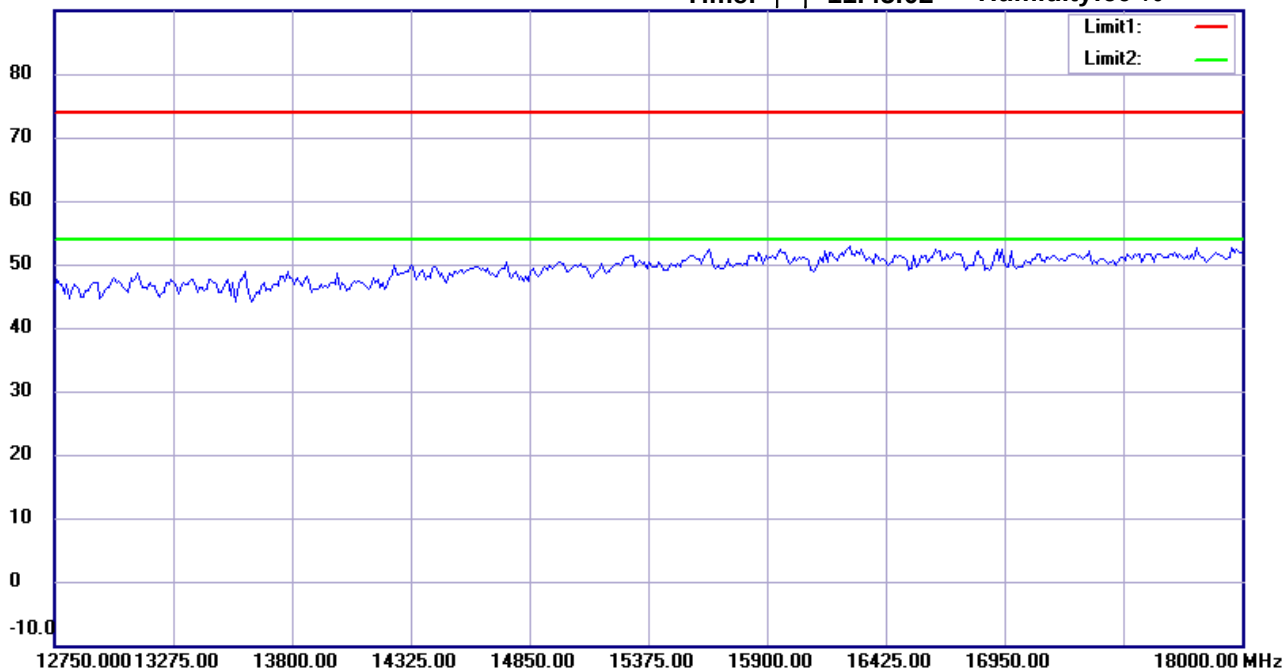
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:45:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

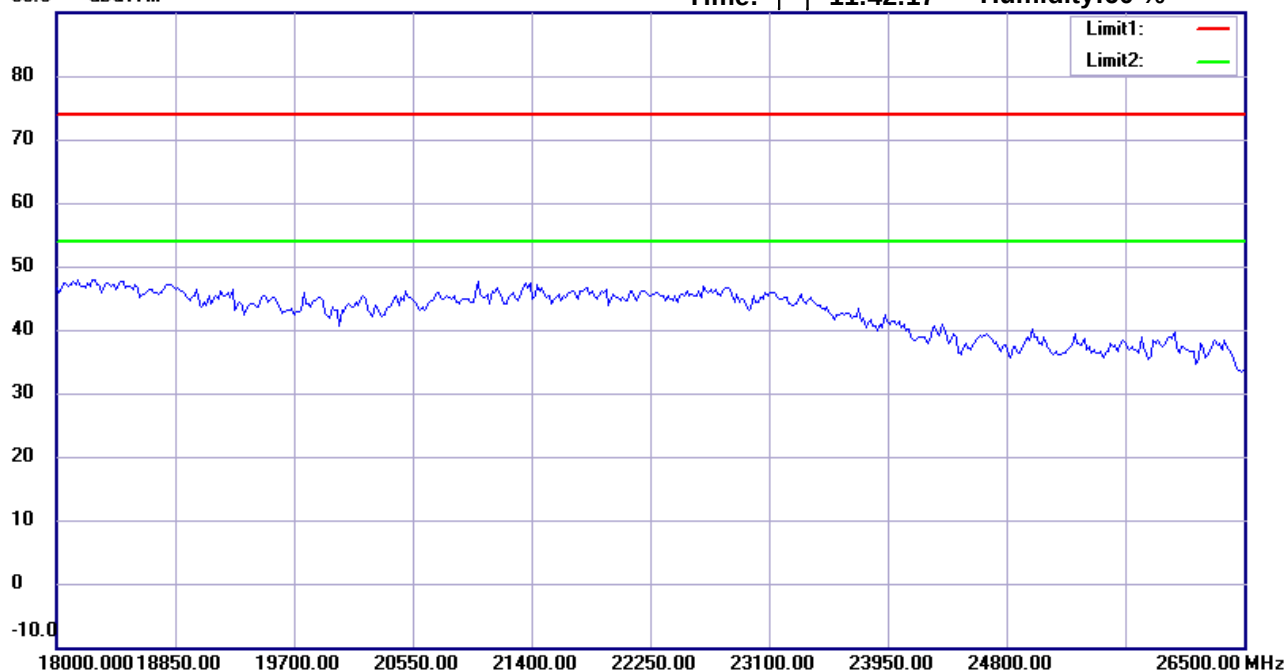
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:42:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

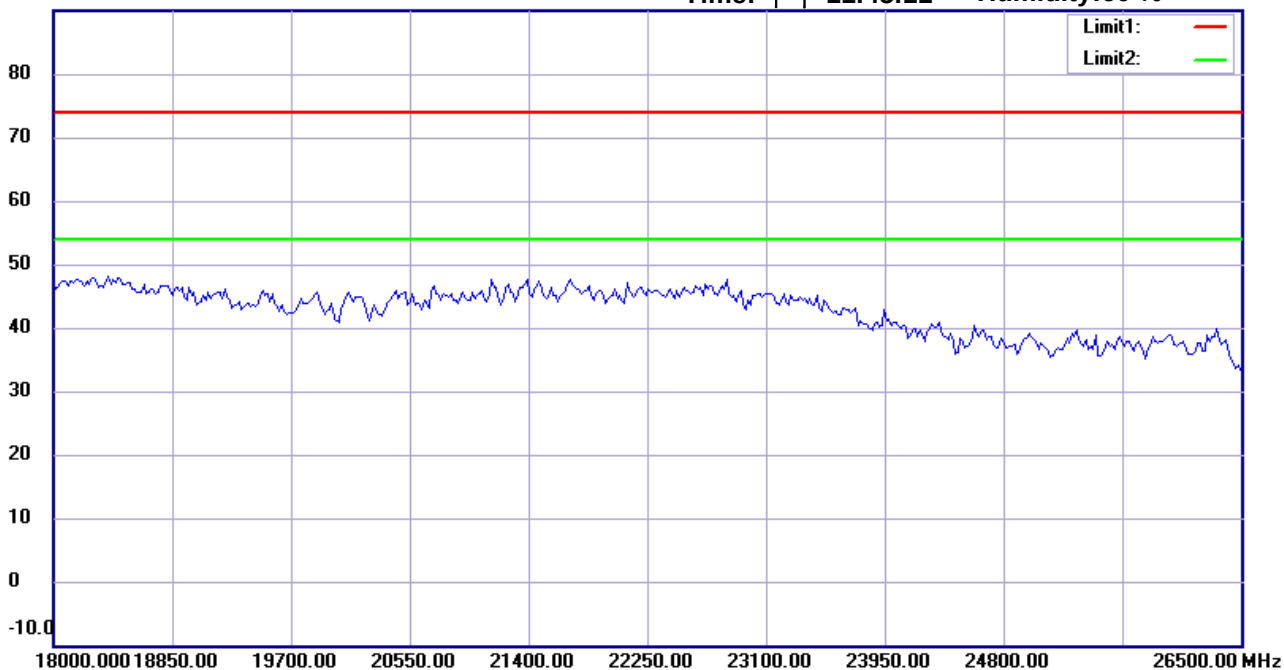
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:45:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

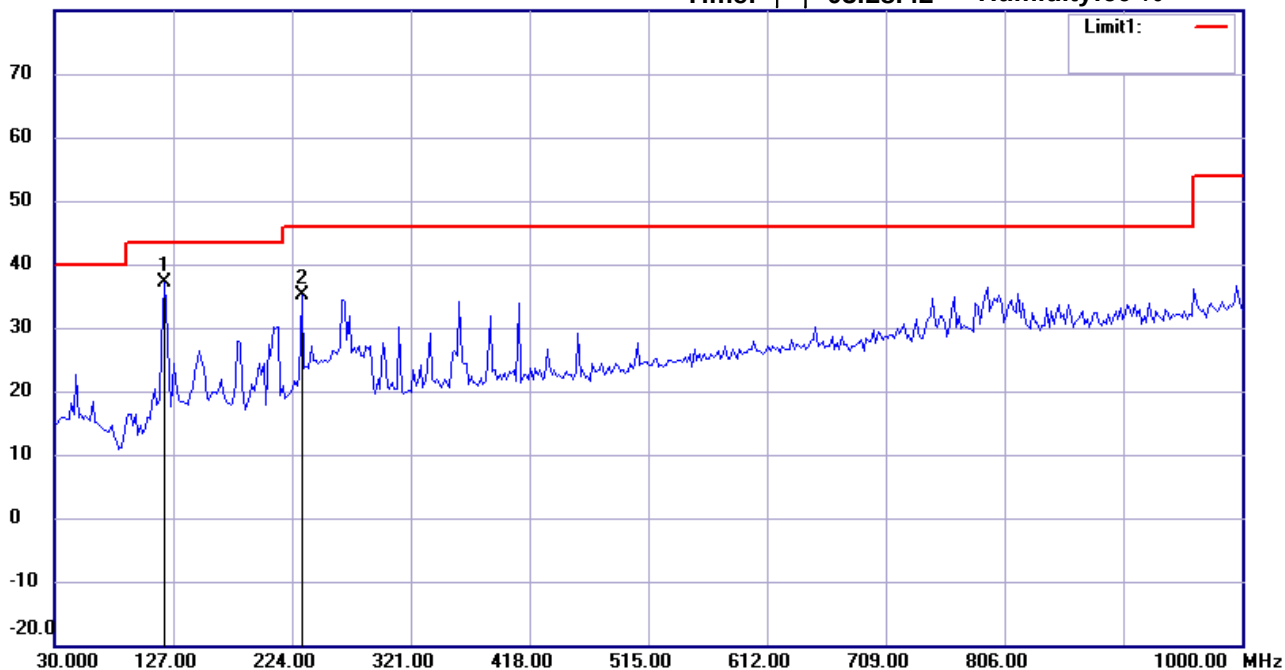
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:28:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	119.4188	23.52	peak	13.62	37.14	43.50	100	225	-6.36	
	232.1642	21.20	peak	13.83	35.03	46.00	100	130	-10.97	



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Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

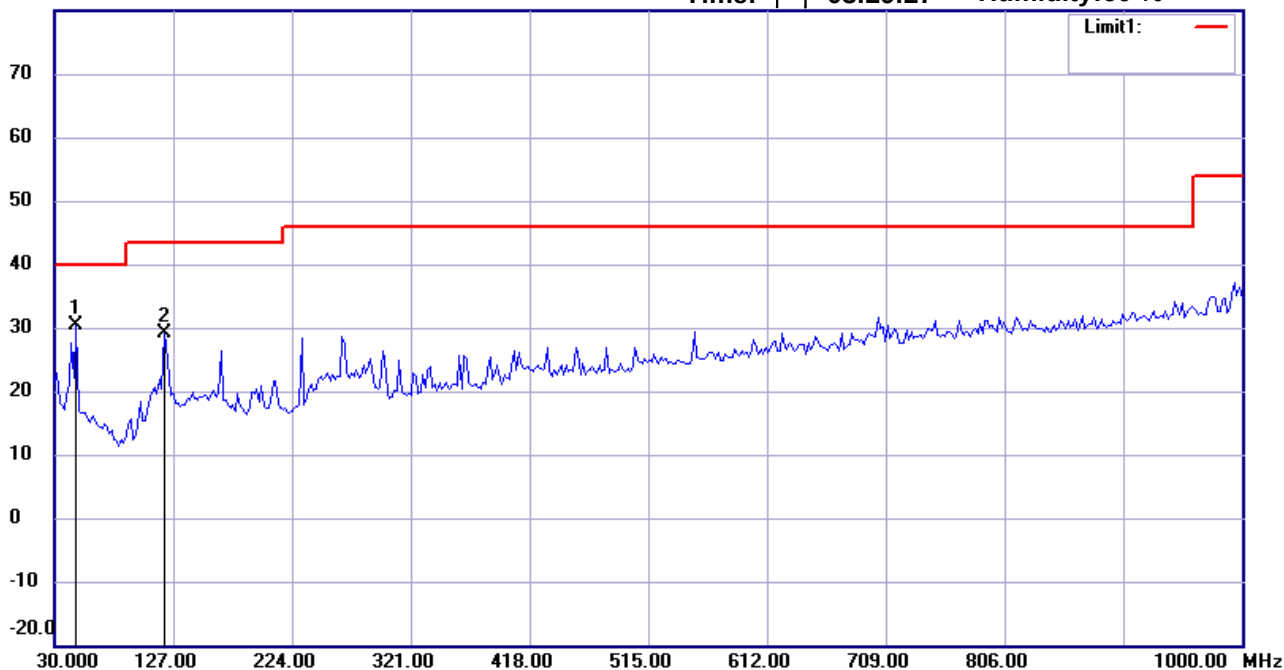
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:29:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	16.29	peak	14.09	30.38	40.00	100	15	-9.62	
	119.4188	15.59	peak	13.62	29.21	43.50	100	195	-14.29	

*: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: Leon

File :3

Data :#1

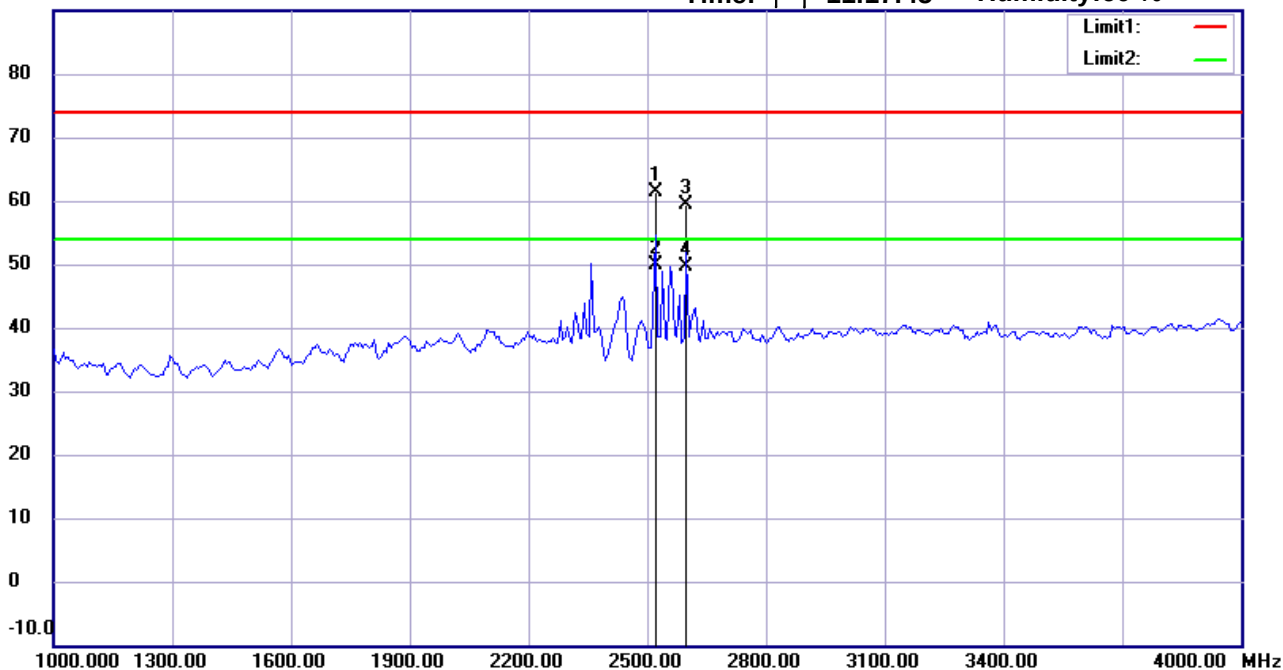
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:17:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2520.034	65.54	peak	-4.28	61.26	74.00	105	304	-12.74	
*	2520.034	54.04	AVG	-4.28	49.76	54.00	105	304	-4.24	
	2599.198	63.59	peak	-4.17	59.42	74.00	100	297	-14.58	
	2599.198	53.71	AVG	-4.17	49.54	54.00	100	297	-4.46	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

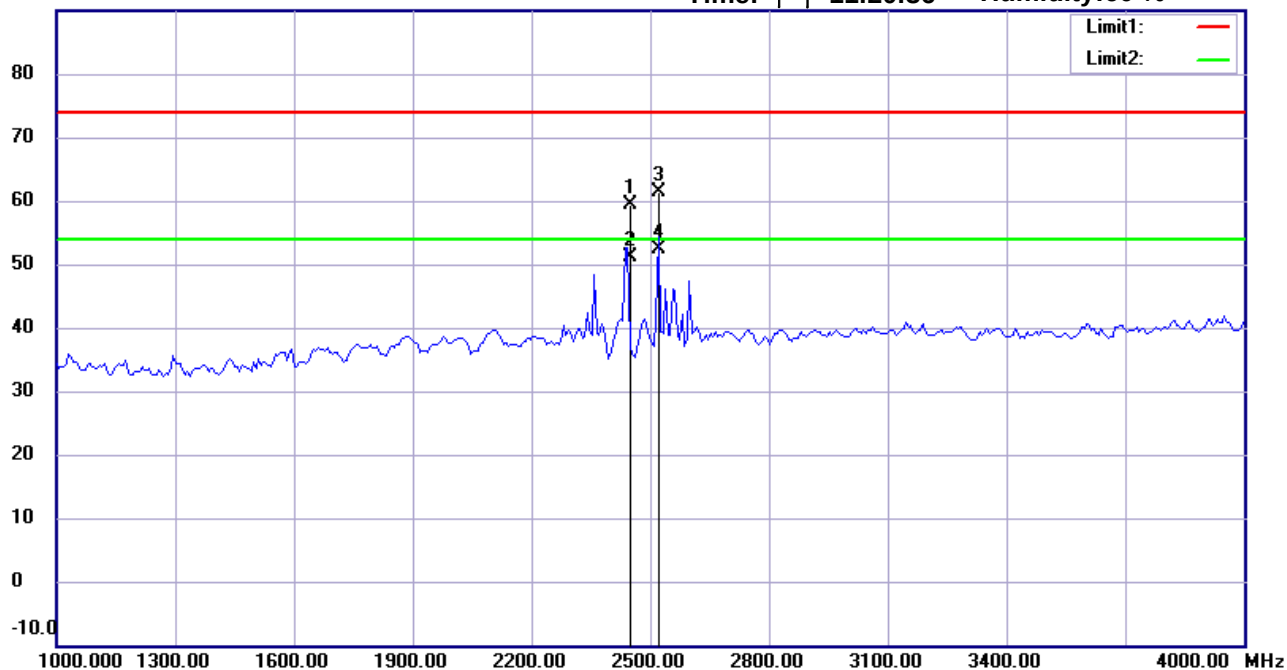
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:20:36

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2442.886	63.90	peak	-4.51	59.39	74.00	100	300	-14.61	
	2442.886	55.62	AVG	-4.51	51.11	54.00	100	300	-2.89	
	2521.042	65.59	peak	-4.28	61.31	74.00	103	305	-12.69	
*	2521.042	56.75	AVG	-4.28	52.47	54.00	103	305	-1.53	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

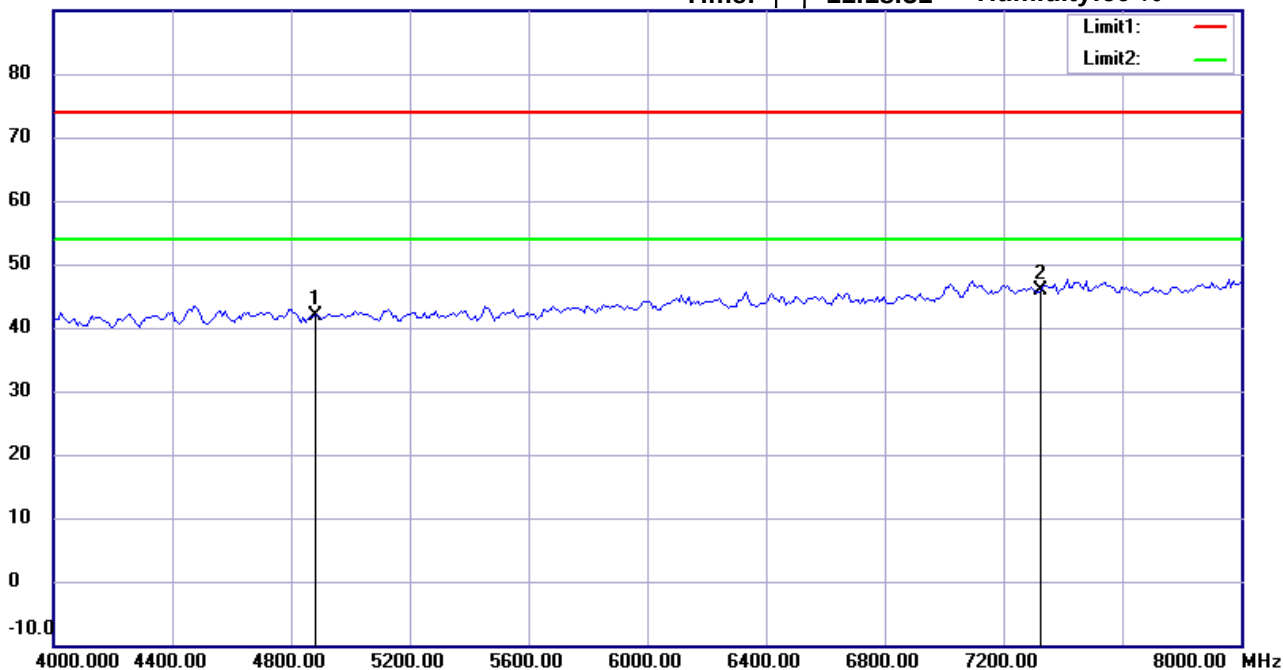
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:18:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4880.000	42.14	peak	-0.16	41.98	74.00	100	195	-32.02	
*	7320.000	41.05	peak	4.83	45.88	74.00	100	270	-28.12	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

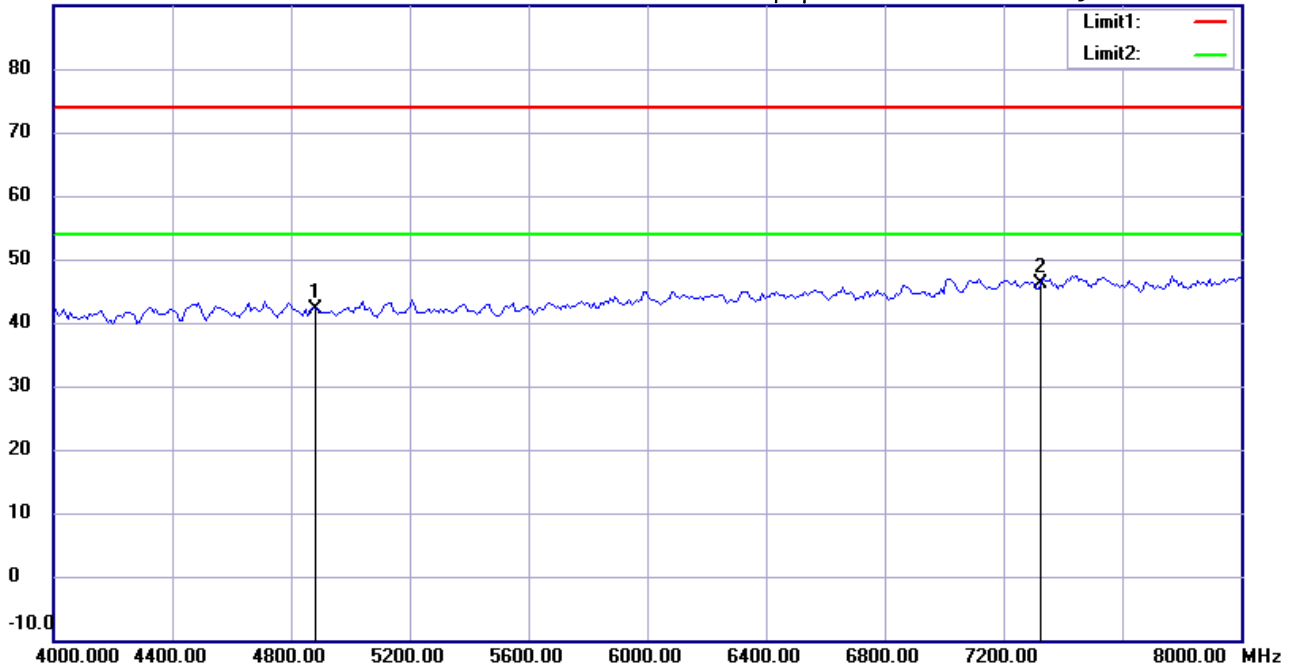
Date: 2015/12/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 11:21:21

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4880.000	42.34	peak	-0.16	42.18	74.00	100	205	-31.82	
*	7320.000	41.26	peak	4.83	46.09	74.00	100	190	-27.91	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

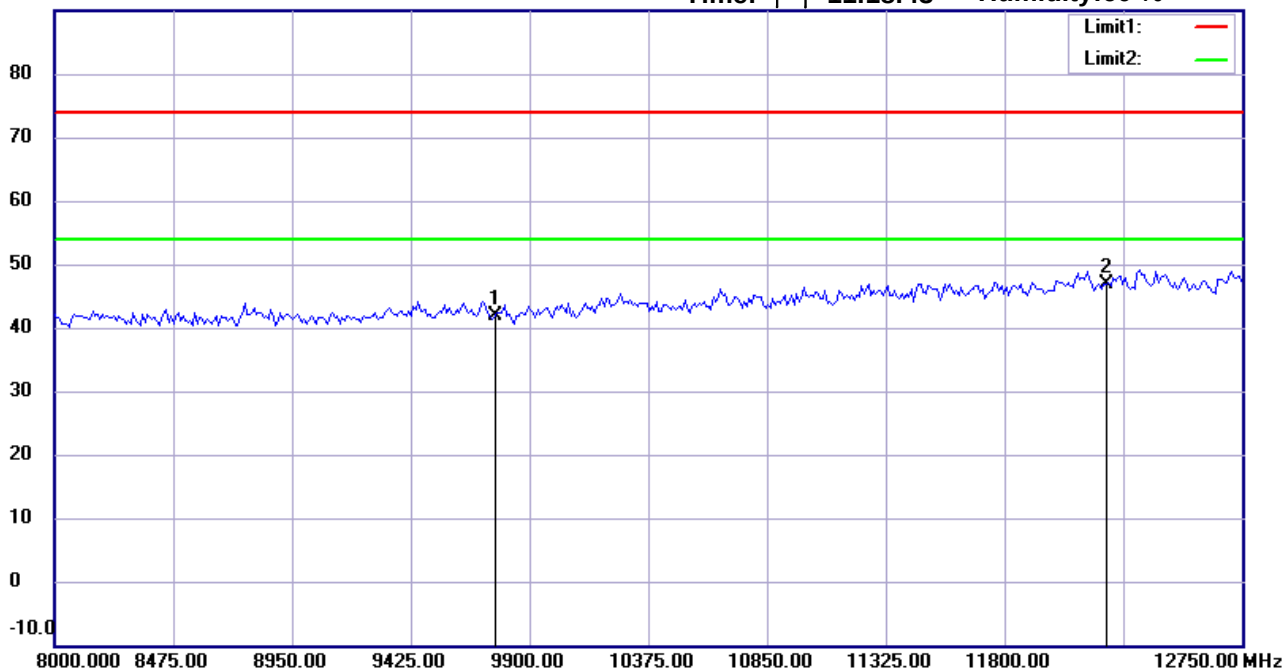
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:18:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9760.000	34.11	peak	7.80	41.91	74.00	100	245	-32.09	
*	12200.000	32.59	peak	14.29	46.88	74.00	100	210	-27.12	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

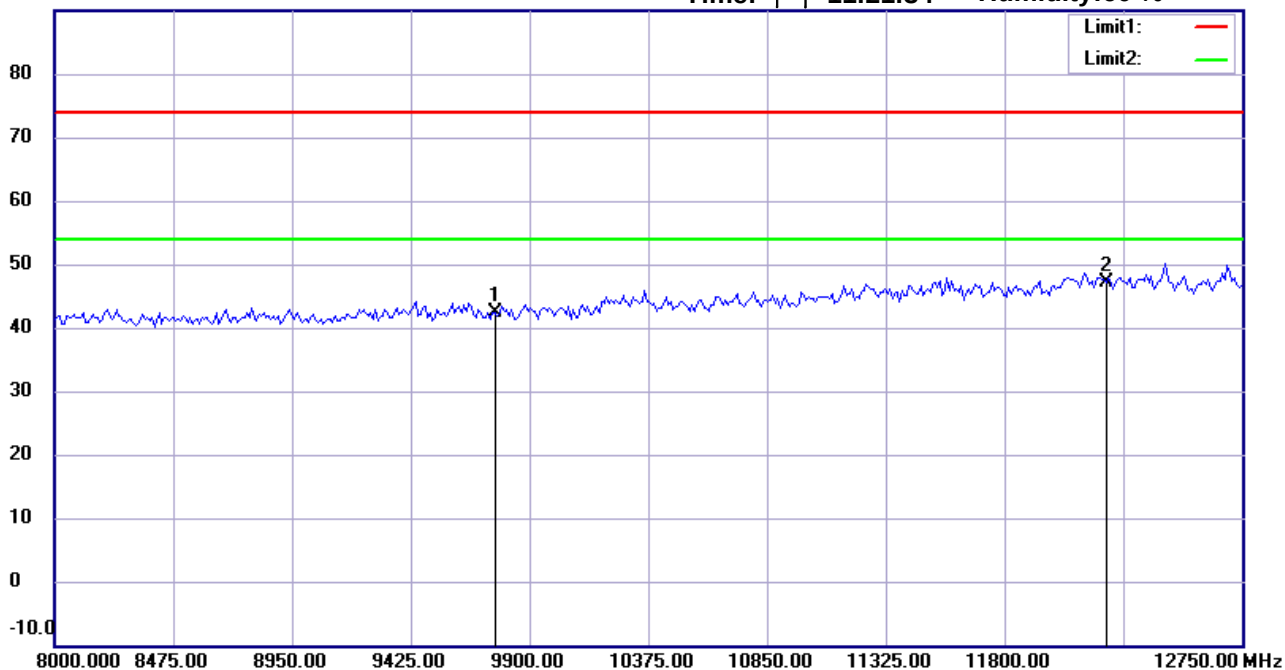
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:21:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9760.000	34.56	peak	7.80	42.36	74.00	100	175	-31.64	
*	12200.000	32.87	peak	14.29	47.16	74.00	100	160	-26.84	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

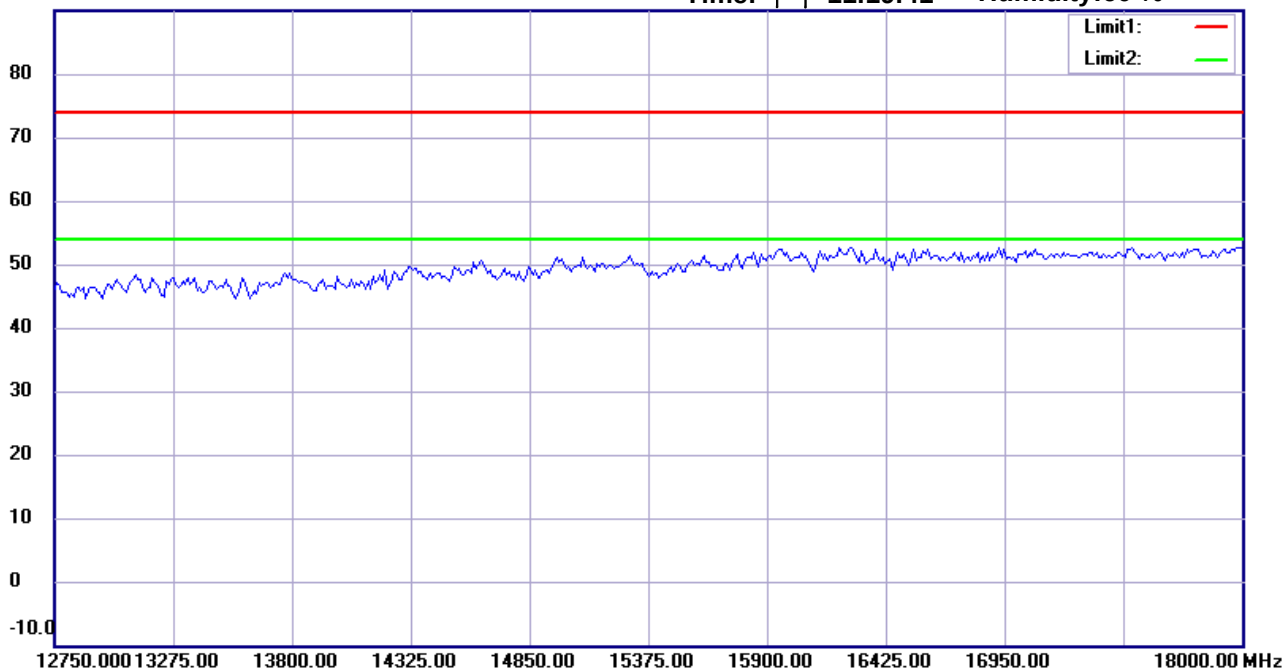
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:19:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

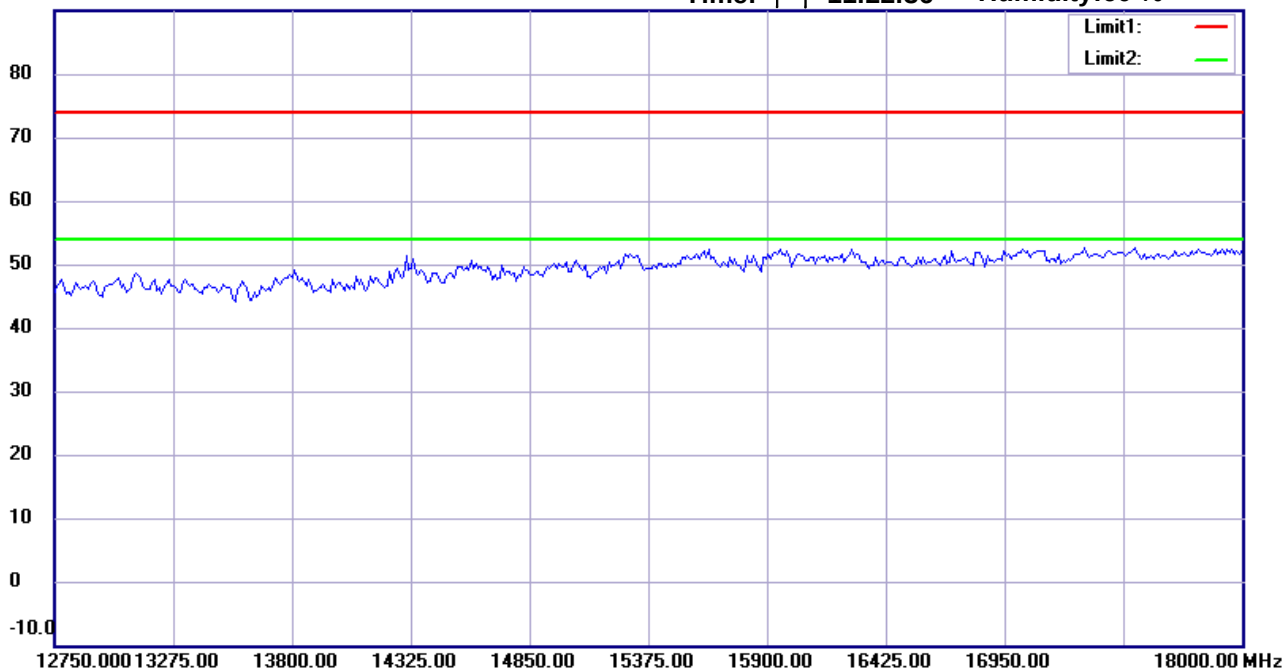
Date: 2015/12/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 11:22:36

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

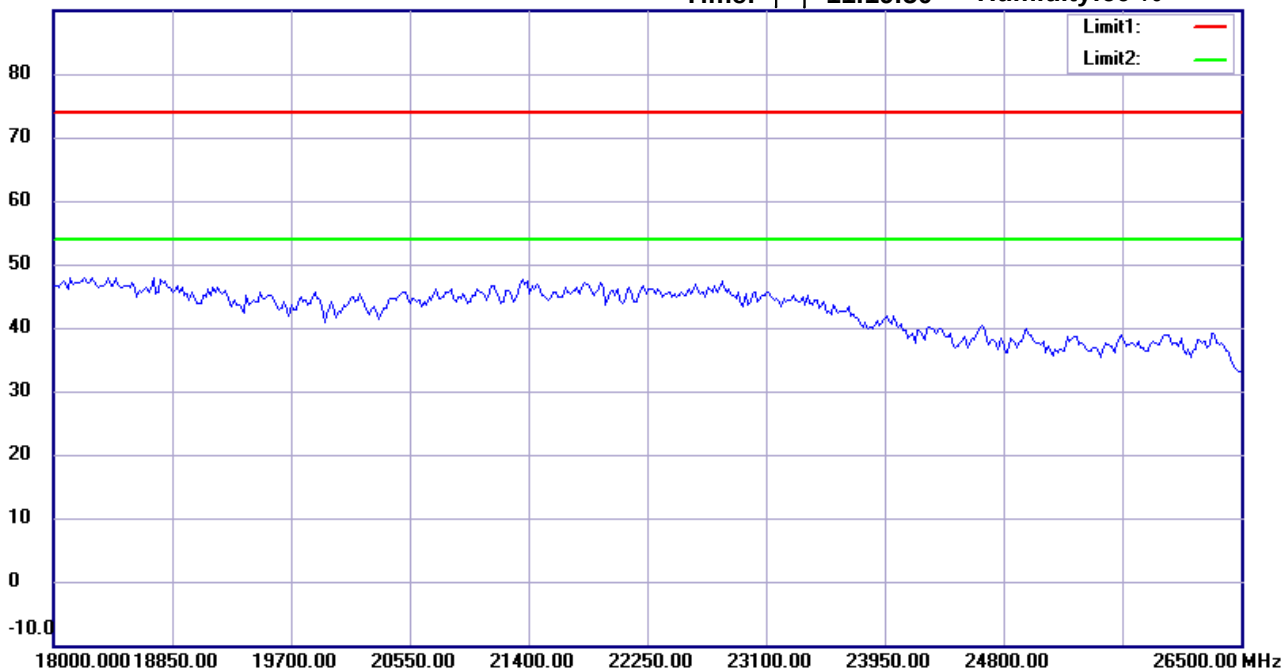
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:19:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Operator: Leon

File :3

Data :#10

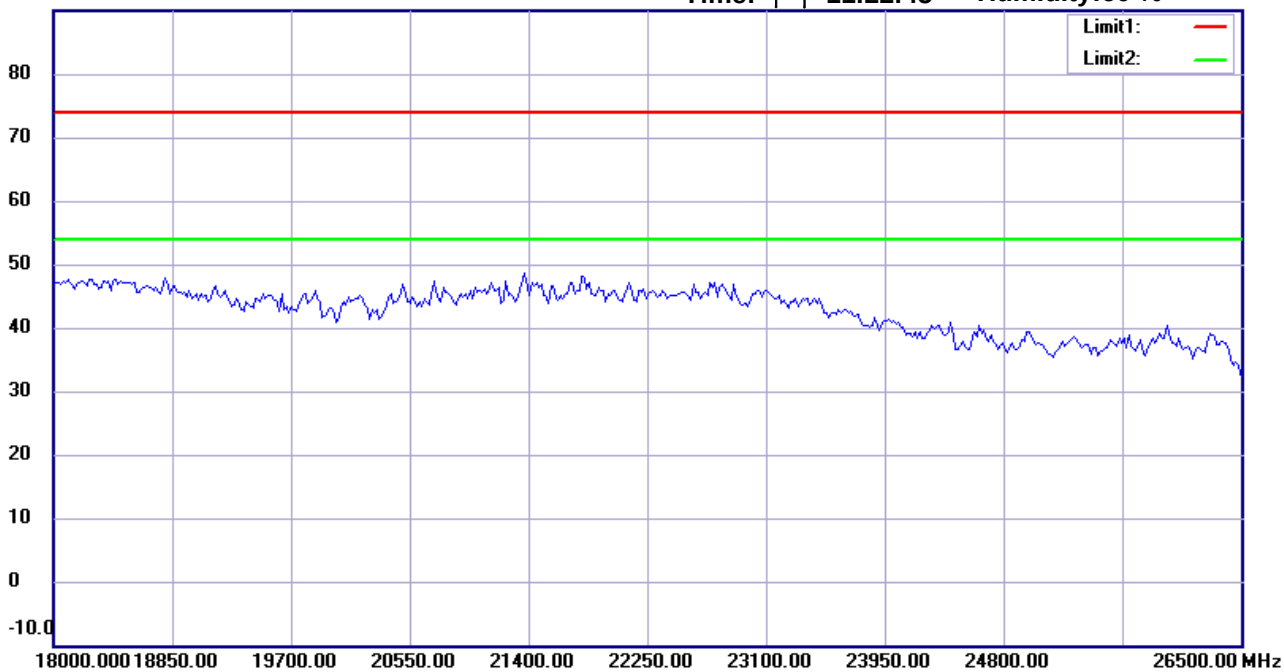
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:22:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

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

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



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

Operator: Leon

File :1

Data :#1

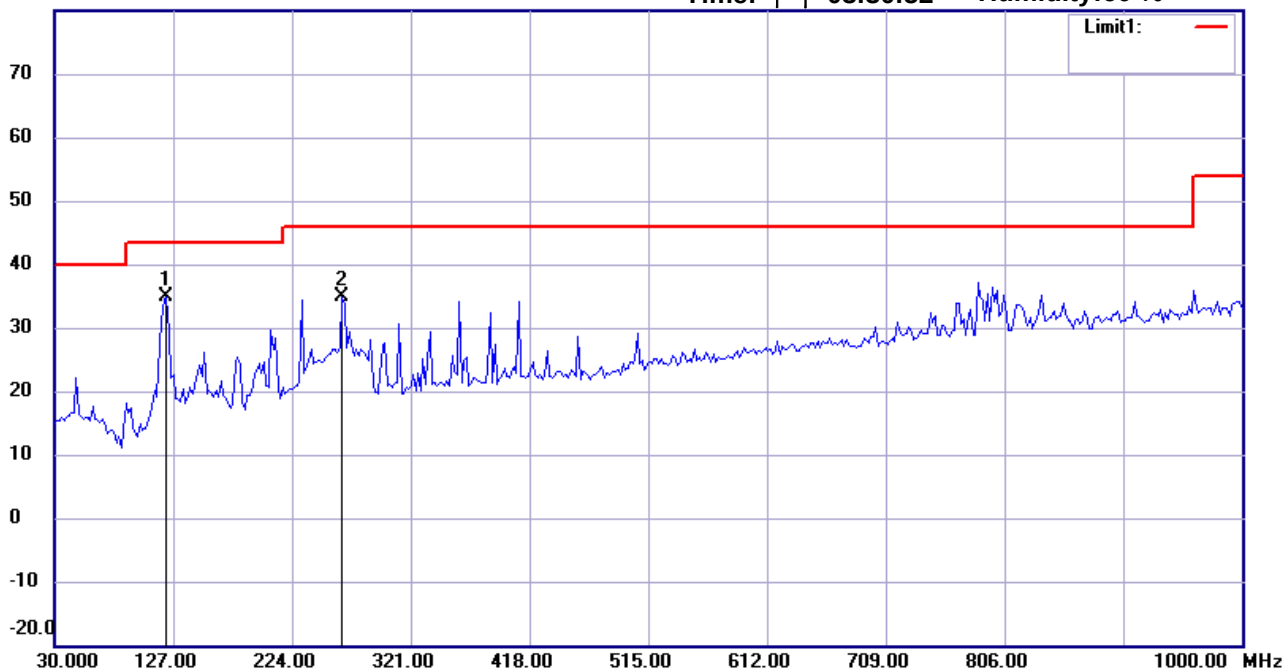
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:30:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	121.3627	21.03	peak	13.79	34.82	43.50	100	225	-8.68	
	265.2102	20.08	peak	14.76	34.84	46.00	100	170	-11.16	

*: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: Leon

File :1

Data :#2

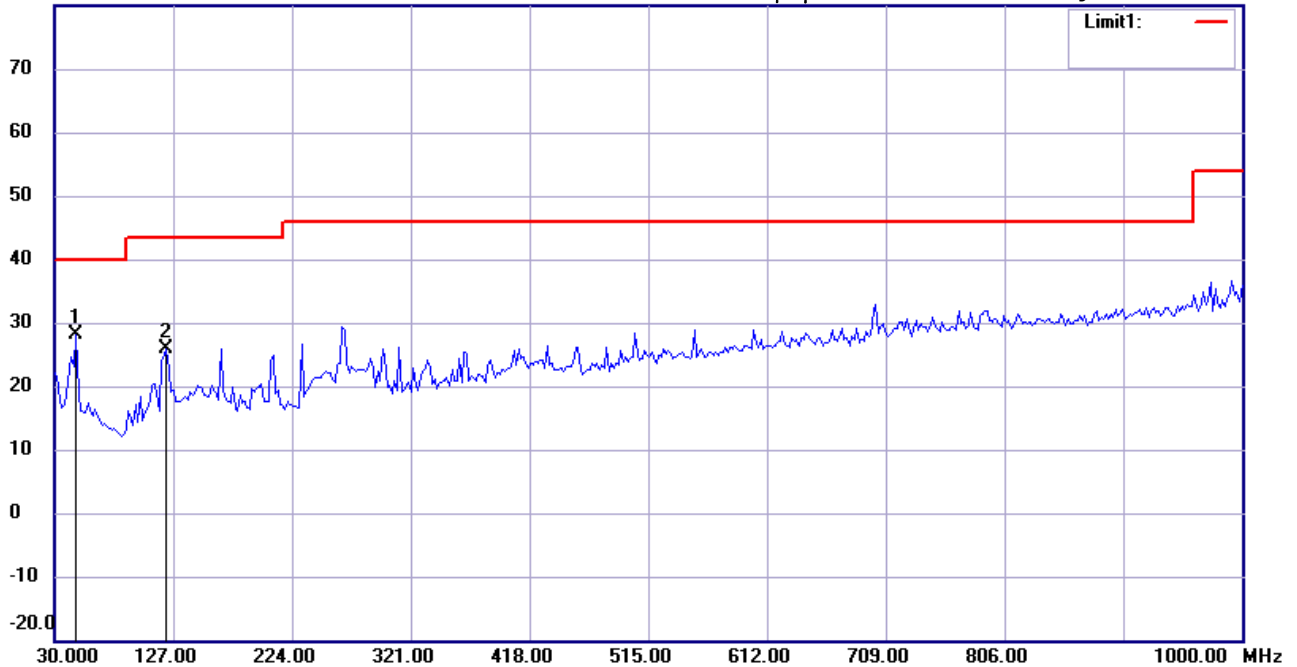
Date: 2016/1/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 03:31:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	13.95	peak	14.09	28.04	40.00	100	95	-11.96	
	121.3627	11.98	peak	13.79	25.77	43.50	100	110	-17.73	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

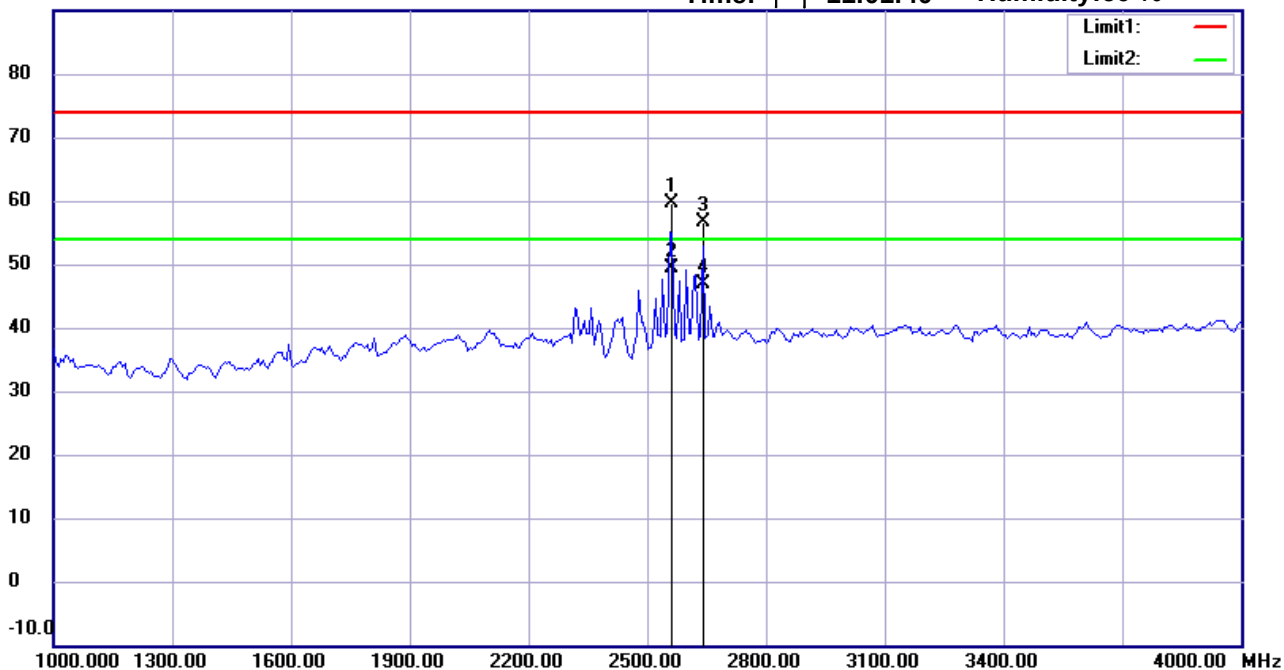
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:01:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2560.046	63.87	peak	-4.23	59.64	74.00	105	240	-14.36	
*	2560.046	53.56	AVG	-4.23	49.33	54.00	105	240	-4.67	
	2640.059	60.68	peak	-4.14	56.54	74.00	100	303	-17.46	
	2640.059	51.14	AVG	-4.14	47.00	54.00	100	303	-7.00	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

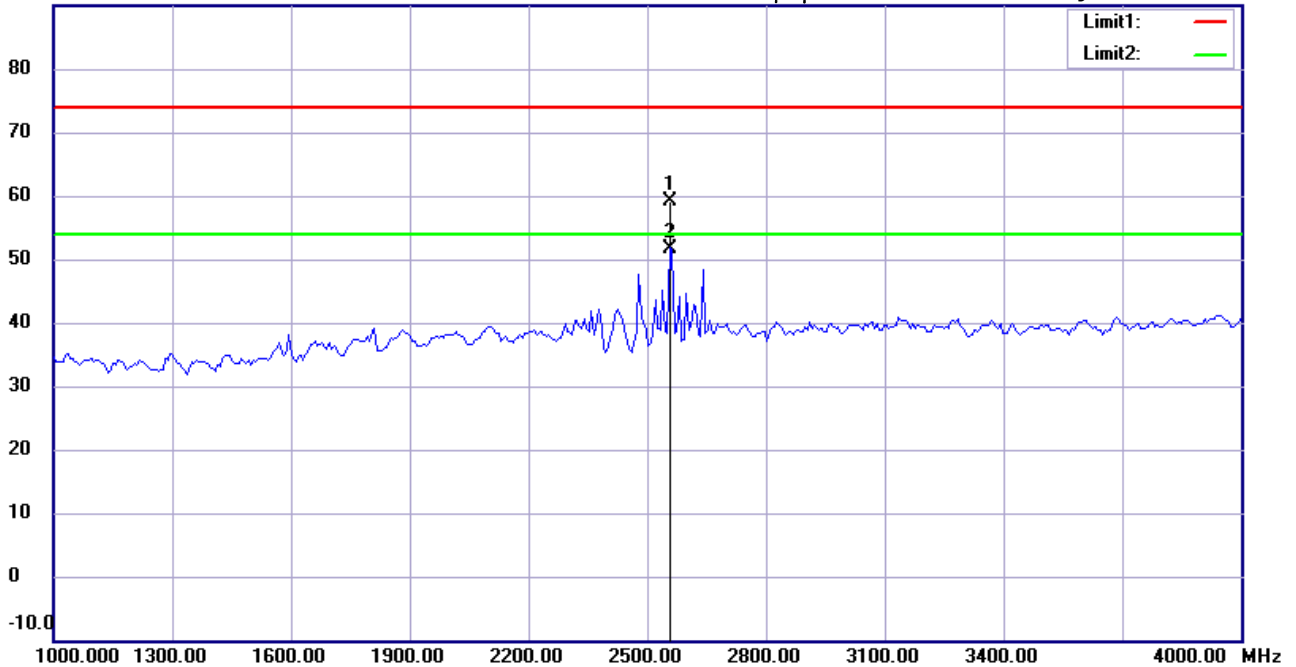
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:04:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2557.114	63.29	peak	-4.23	59.06	74.00	103	263	-14.94	
*	2557.114	55.76	AVG	-4.23	51.53	54.00	103	263	-2.47	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

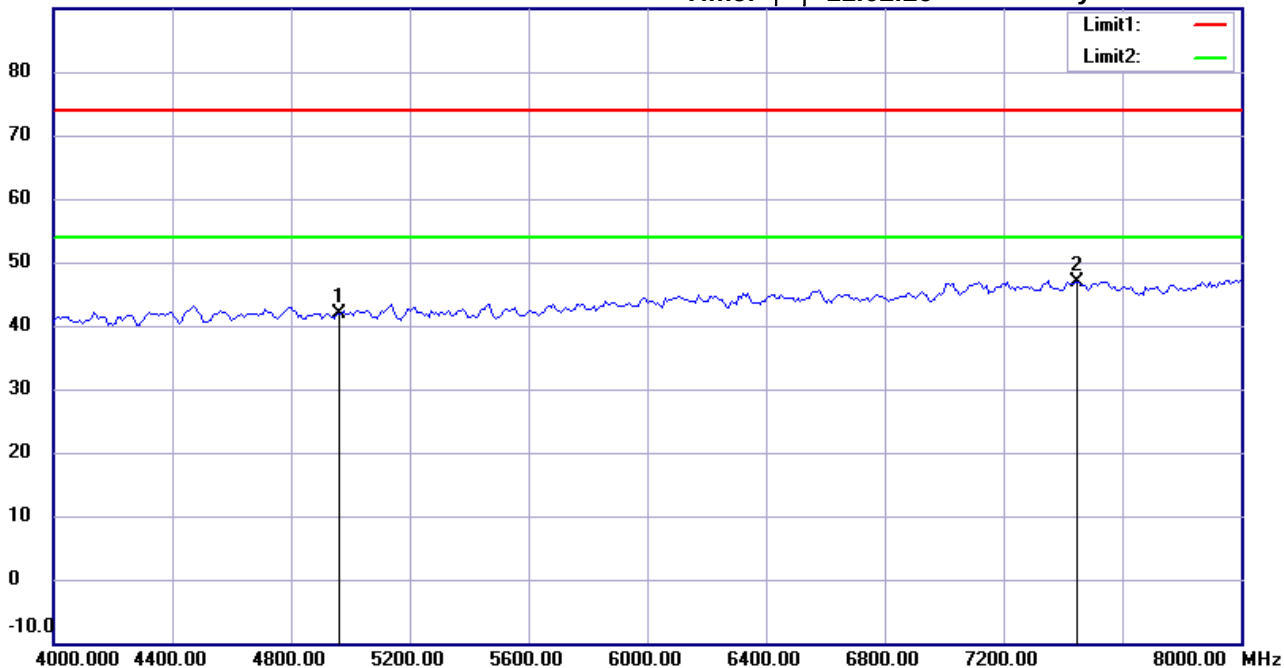
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:02:26

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	41.57	peak	0.24	41.81	74.00	100	175	-32.19	
*	7440.000	41.80	peak	5.20	47.00	74.00	100	160	-27.00	

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



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

Operator: Leon

File :3

Data :#7

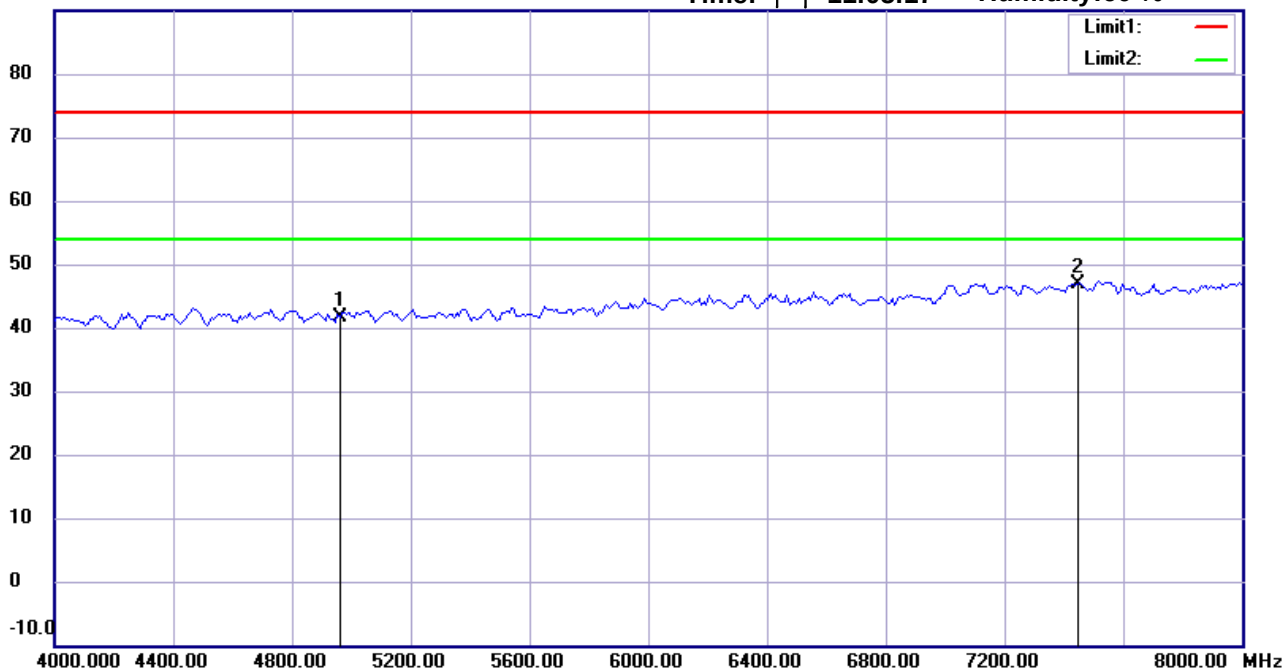
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:05:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	41.40	peak	0.24	41.64	74.00	100	215	-32.36	
*	7440.000	41.74	peak	5.20	46.94	74.00	100	230	-27.06	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

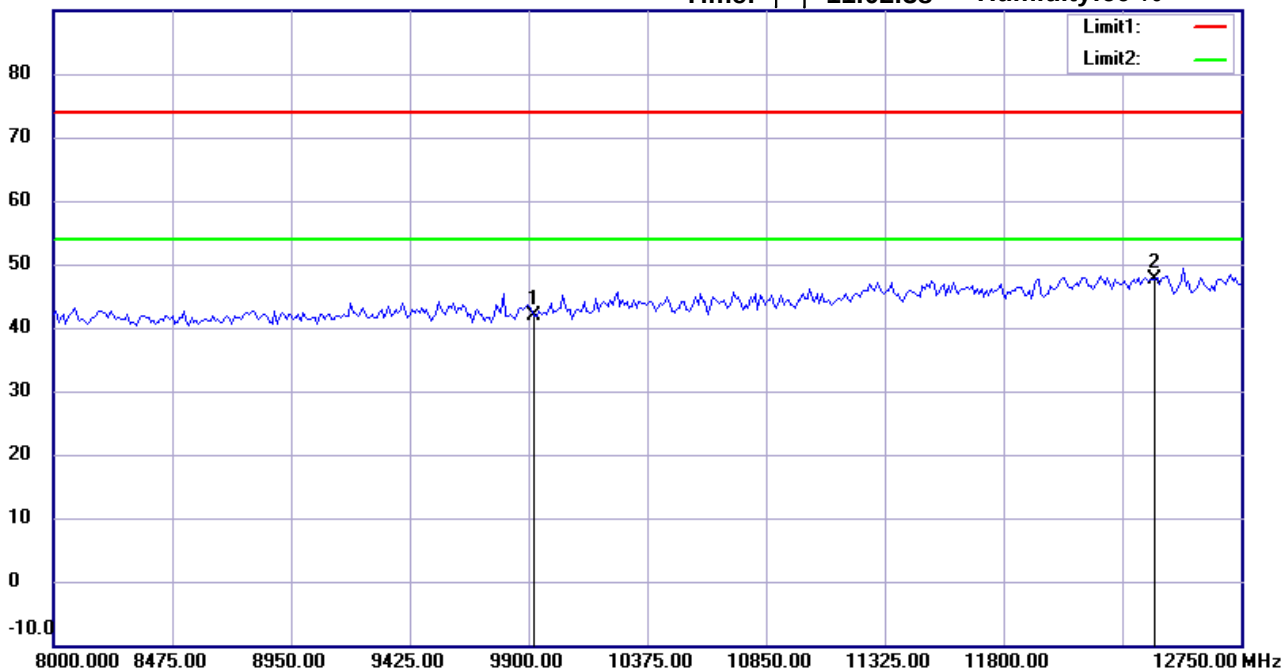
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:02:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	33.79	peak	8.13	41.92	74.00	100	255	-32.08	
*	12400.000	33.16	peak	14.41	47.57	74.00	100	230	-26.43	

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

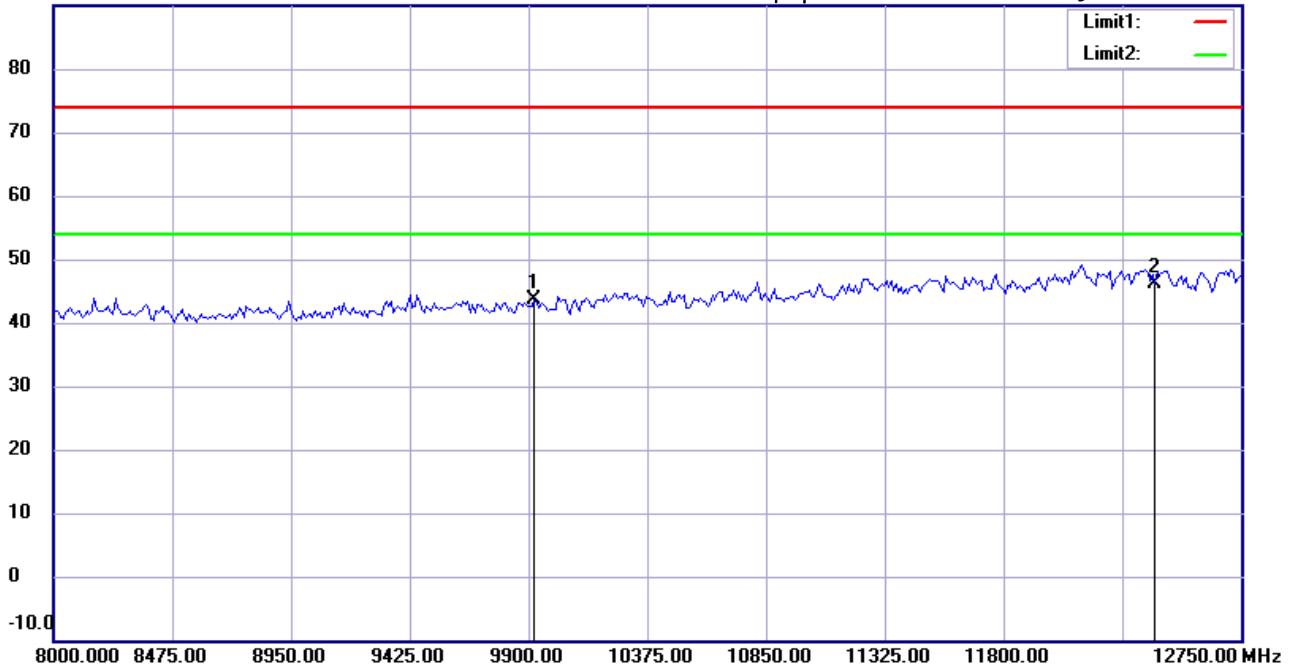
Date: 2015/12/28

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 11:05:29

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 10.8 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	35.60	peak	8.13	43.73	74.00	100	145	-30.27	
*	12400.000	31.68	peak	14.41	46.09	74.00	100	190	-27.91	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

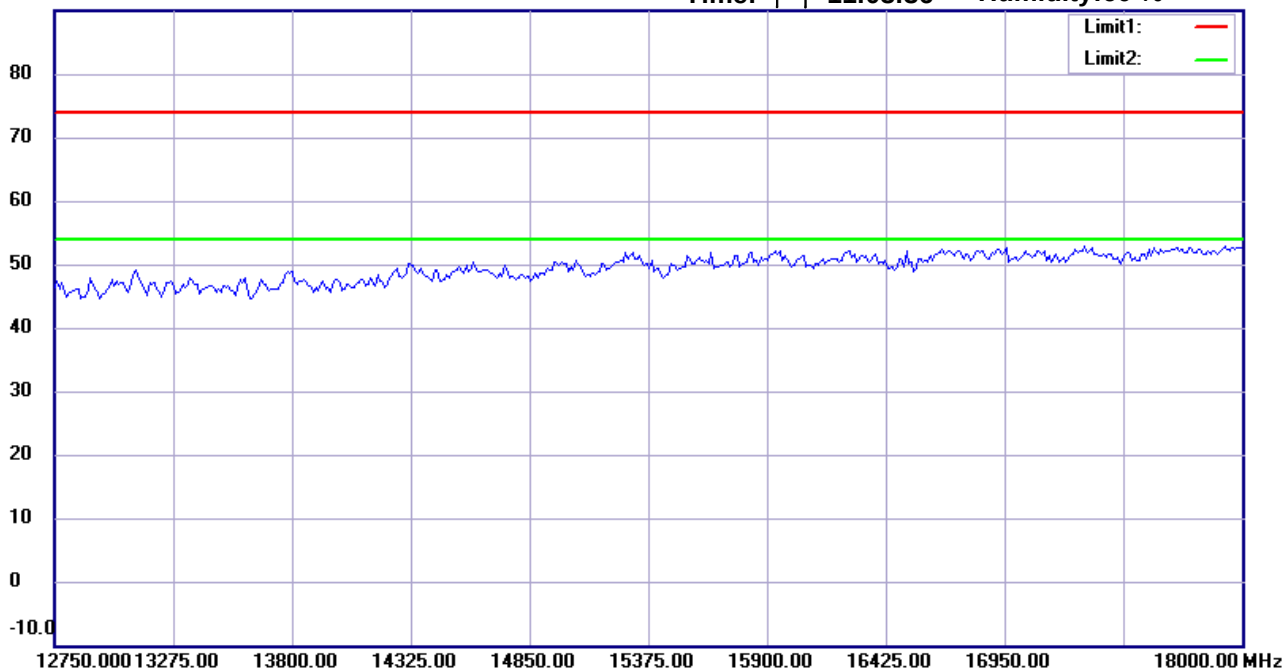
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:03:36

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

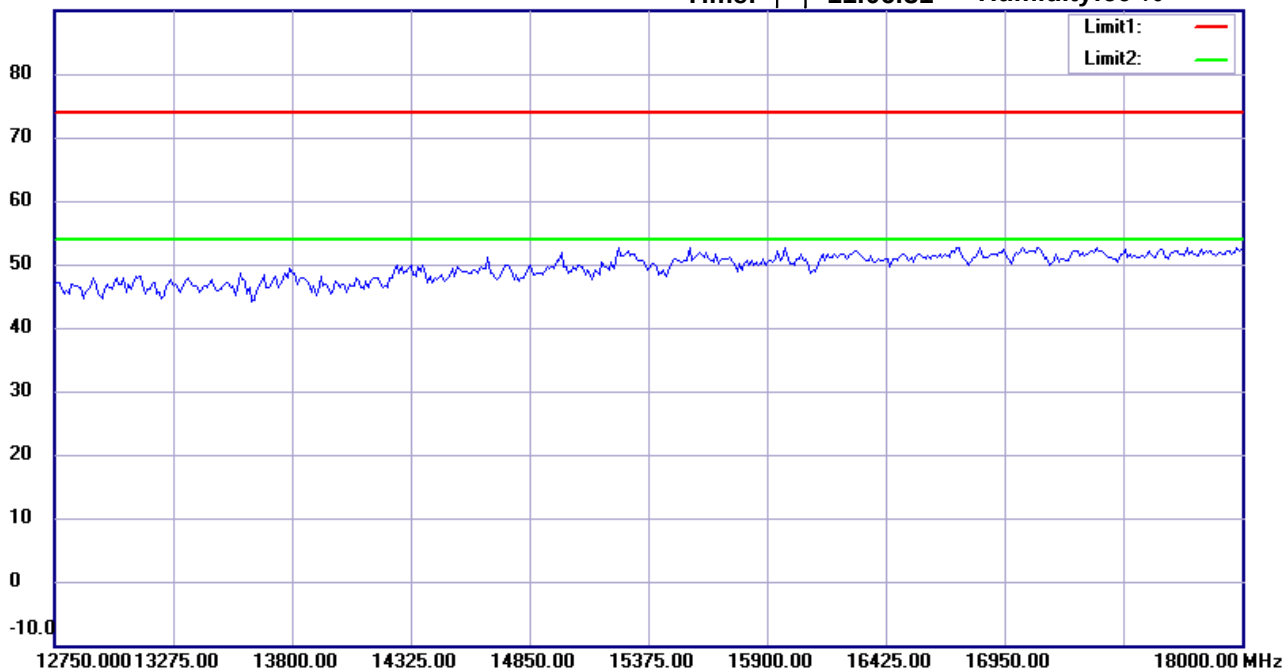
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:06:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

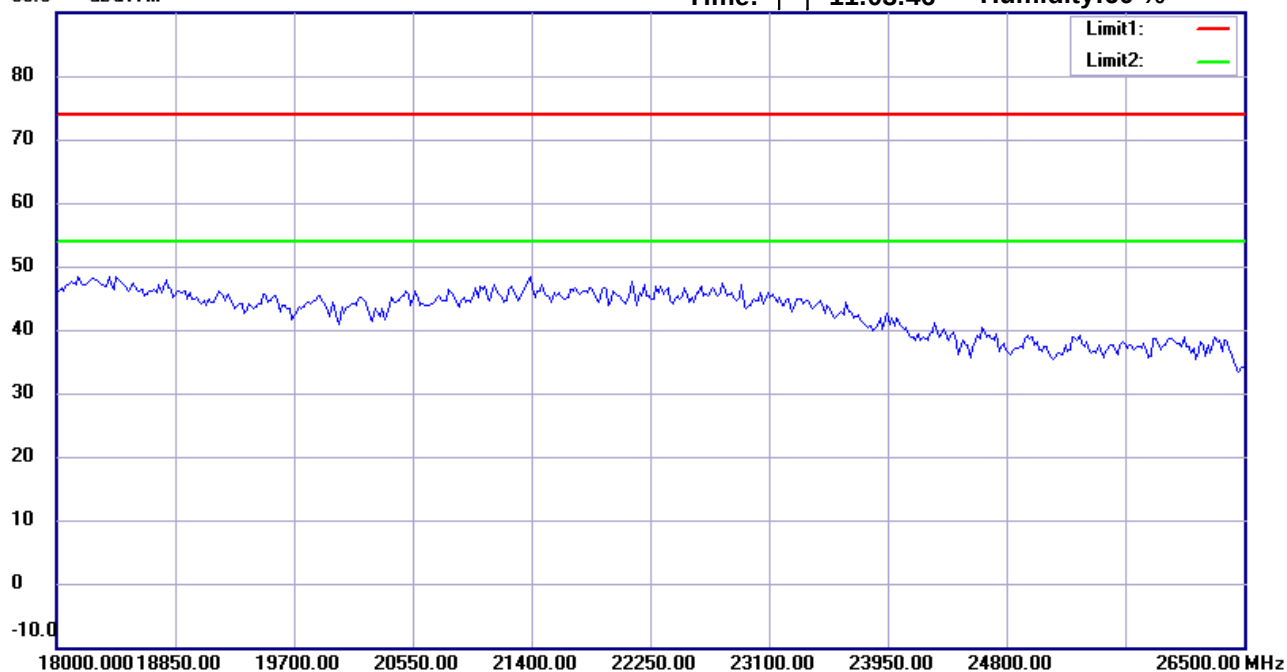
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:03:46

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 10.8 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

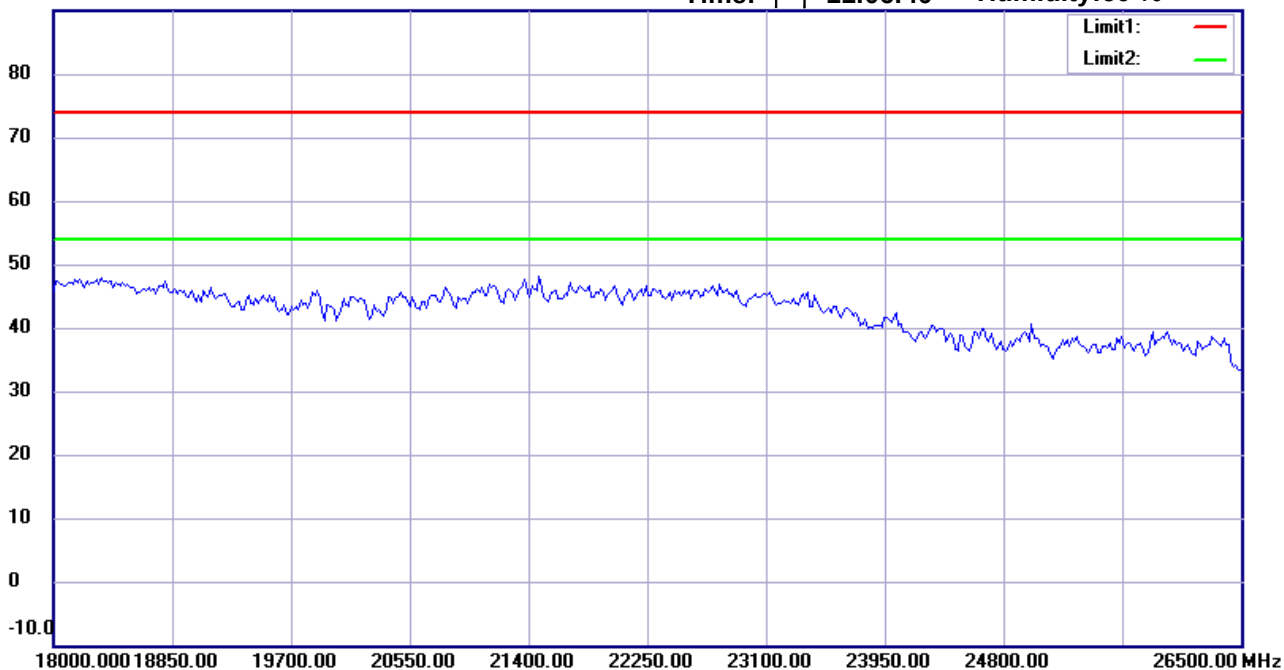
Date: 2015/12/28

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:06:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21512-15493

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Vertical*

Power : 10.8 Vd.c.

Distance: 3m

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