

FCC PART 15 SUBPART C TEST REPORT

for

IP Intercom Door Phone

Model No.: MT390S

FCC ID: HLEMT390SNLF

of

Applicant: Unitech Electronics Co., Ltd.

**Address: 5F, No. 136, Lane 235, Pao-Chiao Rd., Hsin-Tien Dist.,
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.: W6M21609-16213-C-1

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

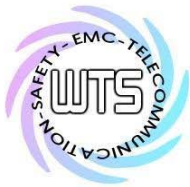
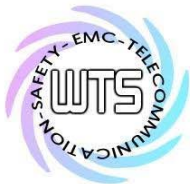


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Worldwide Testing Services(Taiwan) Co., Ltd.

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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.

The test report may only be reproduced or published in full.

Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services(Taiwan) Co., Ltd.

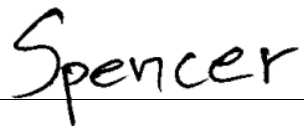
Specific Conditions:

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.

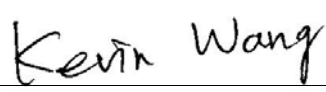
The test sample is able to work according to IEEE 802.11 b/g/n.

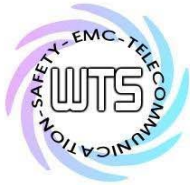
This report is related to FCC Part 15 C (DSSS and OFDM device).

Tester:

October 11, 2016	Spencer Yang	
Date	WTS-Lab.	Name
		Signature

Technical responsibility for area of testing:

October 11, 2016	Kevin Wang	
Date	WTS	Name
		Signature



Worldwide Testing Services(Taiwan) Co., Ltd.

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1.2 Testing laboratory

1.2.1 Location

OATS

No.5-1, Lishui, Shuang Sing Village,
Wanli Dist., New Taipei City 207,
Taiwan (R.O.C.)

3 meter semi-anechoic chamber

No.35, Aly. 21, Ln. 228, Ankang Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

TEL:886-2-6613-0228

FAX:886-2-2791-5046

Company

Worldwide Testing Services(Taiwan) Co., Ltd.

6F, NO. 58, LANE 188, RUEY-KUANG RD.

NEIHU, TAIPEI 114, TAIWAN R.O.C.

Tel : 886-2-66068877

Fax : 886-2-66068879

1.2.2 Details of accreditation status

Accredited testing laboratory

A2LA accredited number: 2732.01

FCC filed test laboratory Reg. No. 930600

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

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: Unitech Electronics Co., Ltd.

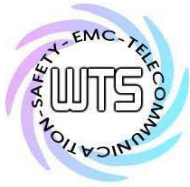
Street: 5F, No. 136, Lane 235, Pao-Chiao Rd., Hsin-Tien Dist.,

Town: New Taipei City,

Country: Taiwan

Telephone: 02-8912-1122

Fax: 02-8912-1391



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1.4 Application details

Date of receipt of test item: September 19, 2016

Date of test: from September 19, 2016 to October 11, 2016

1.5 General information of Test item

Type of test item: IP Intercom Door Phone

Model Number: MT390S

Brand Name: TASHI/unitech

Multi-listing model number: without

Photos: see Appendix

Technical data

Frequency band: 2.4 GHz – 2.4835 GHz

11b, 11g, 11n 20MHz

Frequency (ch 1 or A): 2.412 GHz

Frequency (ch 6 or B): 2.437 GHz

Frequency (ch 11 or C): 2.462 GHz

11n 40MHz

Frequency (ch 1 or A): 2.422 GHz

Frequency (ch 4 or B): 2.437 GHz

Frequency (ch 7 or C): 2.452 GHz

Number of Channels: 11b, 11g, 11n 20MHz: 11

11n 40MHz: 7

Operation modes: Duplex

Modulation Type: DSSS / OFDM

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

Type of Antenna: Embedded antenna

Antenna gain: 2.84 dBi

Power supply: POE 48 VDC

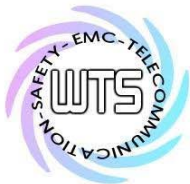
Emission designator: 11b: DSSS: 15M0G1D

11g: OFDM: 16M6D1D

11n 20MHz: OFDM: 17M8D1D

11n 40MHz: OFDM: 36M0D1D

Host device: none



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Classification :

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

Transmitter

Unom

Mode A (DSSS)

Power (ch 1 or A):	Conducted: 13.07 dBm
Power (ch 6 or B):	Conducted: 11.89 dBm
Power (ch 11 or C):	Conducted: 12.31 dBm

Mode B (OFDM)

Power (ch 1 or A):	Conducted: 7.17 dBm
Power (ch 6 or B):	Conducted: 6.24 dBm
Power (ch 11 or C):	Conducted: 6.57 dBm

Mode C (OFDM)

Power (ch 1 or A):	Conducted: 5.89 dBm
Power (ch 6 or B):	Conducted: 3.83 dBm
Power (ch 11 or C):	Conducted: 4.03 dBm

Mode D (OFDM)

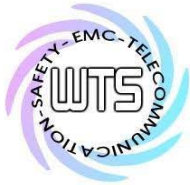
Power (ch 1 or A):	Conducted: 2.43 dBm
Power (ch 4 or B):	Conducted: 2.54 dBm
Power (ch 7 or C):	Conducted: 1.44 dBm

Manufacturer: (if applicable)

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

1.6 Test standards

Technical standard : FCC RULES PART 15 SUBPART C § 15.247 (2015-10)



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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

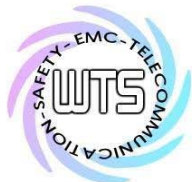
Temperature: 23 °C

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Power supply: POE 48 VDC

Extreme conditions parameters: ./.



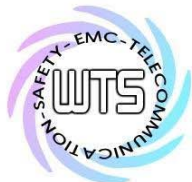
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2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2016/5/20	2017/5/19
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 008	HF-EICHLITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function Test	
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2016/7/15	2017/7/14
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2016/9/2	2017/9/1
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2016/5/20	2017/5/19
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2016/5/25	2017/5/24
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2016/7/4	2017/7/3
ETSTW-RE 012	TUNABLE BANDREJECT FILTER	D.C 0309	146	K&L	Function Test	
ETSTW-RE 013	TUNABLE BANDREJECT FILTER	D.C 0336	397	K&L	Function Test	
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2016/6/24	2017/6/23
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2016/6/29	2017/6/28
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2016/3/23	2017/3/22
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2016/1/25	2017/1/24
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2016/3/28	2017/3/27
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2016/4/14	2017/4/13
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2016/2/25	2017/2/24
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2016/2/25	2017/2/24
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2016/2/25	2017/2/24
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2016/2/27	2017/2/26
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2016/2/25	2017/2/24
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2016/4/13	2017/4/12
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	Function Test	
ETSTW-RE 069	Double-Ridged Guide Horn Antenna	3117	00069377	ETS-Lindgren	Function Test	
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2016/9/2	2017/9/1
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2016/9/14	2017/9/13
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2016/2/25	2017/2/24
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2016/1/13	2017/1/12
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2016/5/23	2017/5/22
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2016/8/10	2017/8/9

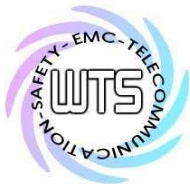


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ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2016/8/10	2017/8/9
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2016/2/25	2017/2/24
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2016/8/10	2017/8/9
ETSTW-RE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

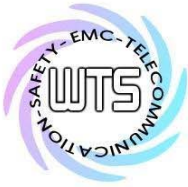
The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m (non metallic table) and arranged according to ANSI C63.10-2013 6.2.2. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

- (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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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:

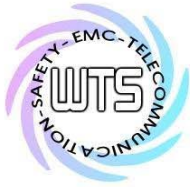
Average = Peak + Duty Factor

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

$T = 100\text{ms}$ 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.

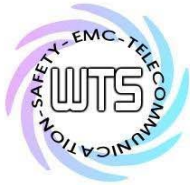


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3 Test results (enclosure)

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): 15.209	☒	☒	☐
Band Edge Measurement	15.247(d)	☒	☒	☐
Minimum 6 dB Bandwidth	15.247(a)(2)	☒	☒	☐
Peak Power Spectral Density	15.247(e)	☒	☒	☐
Radiated Emission from Digital Part	15.109	☐	☐	☐
Power Line Conducted Emission	15.207	☐	☐	☐



Registration number: W6M21609-16213-C-1

FCC ID: HLEMT390SNLF

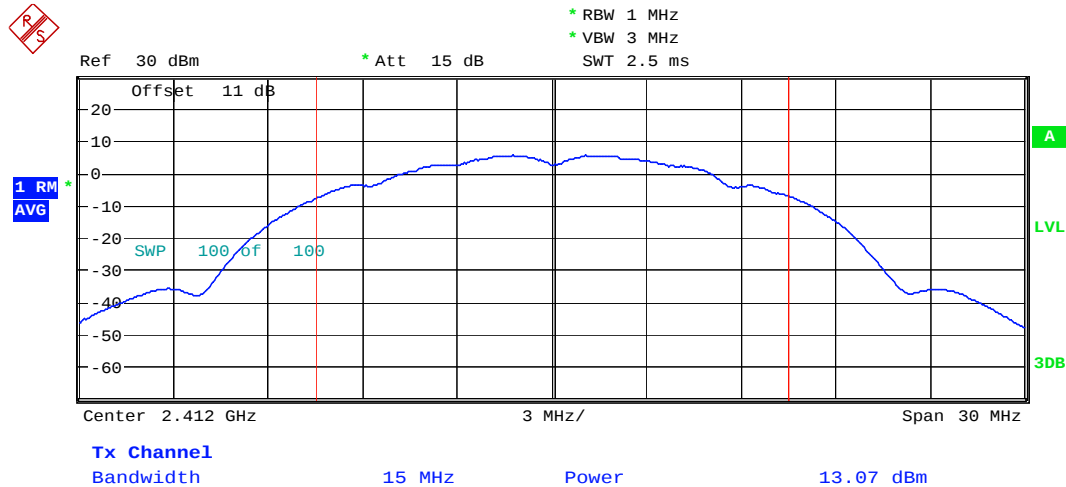
3.1 Peak Output Power (transmitter)

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.

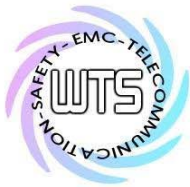
The power was measured with modulation (declared by the applicant).

Mode A



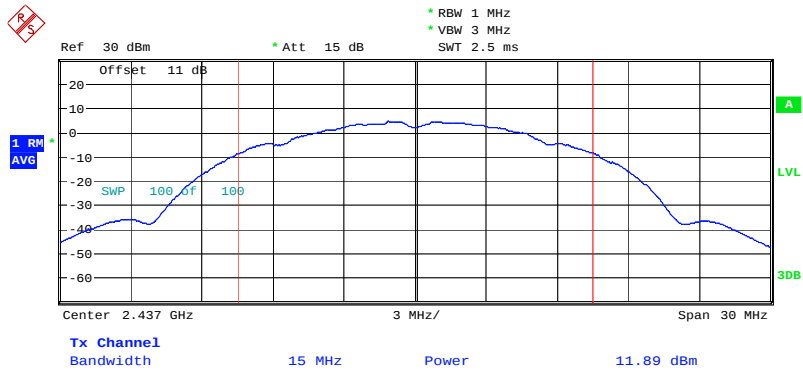
MAX OUTPUT POWER 802.11B CH01

Date: 5.OCT.2016 22:27:38

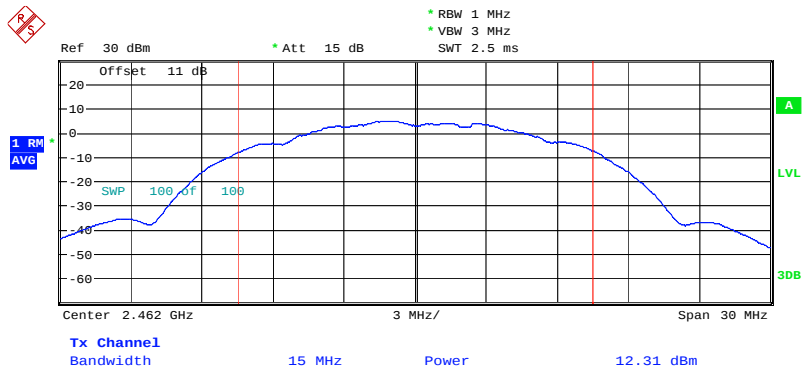


Worldwide Testing Services(Taiwan) Co., Ltd.

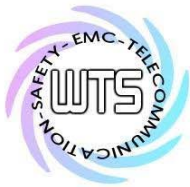
Registration number: W6M21609-16213-C-1
FCC ID: HLEMT390SNLF



MAX OUTPUT POWER 802.11B CH06
Date: 5.OCT.2016 22:28:13



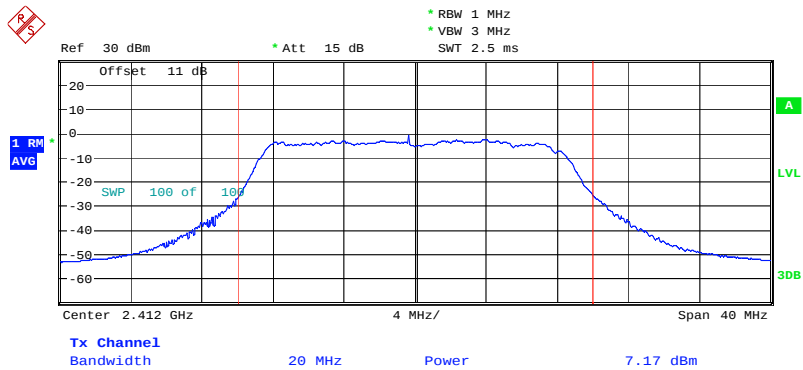
MAX OUTPUT POWER 802.11B CH11
Date: 5.OCT.2016 22:28:44



Registration number: W6M21609-16213-C-1

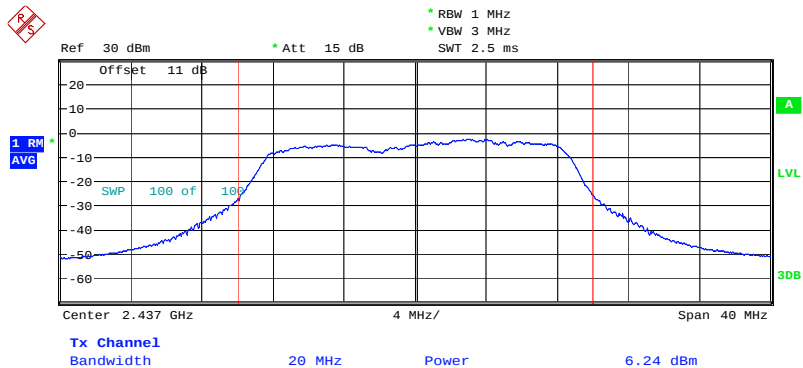
FCC ID: HLEMT390SNLF

Mode B



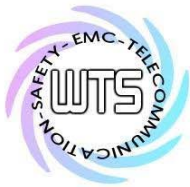
MAX OUTPUT POWER 802.11G CH01

Date: 5.OCT.2016 22:29:25



MAX OUTPUT POWER 802.11G CH06

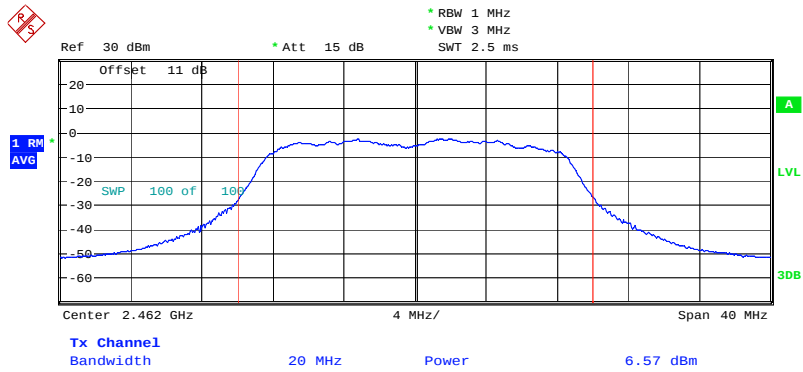
Date: 5.OCT.2016 22:30:15



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21609-16213-C-1

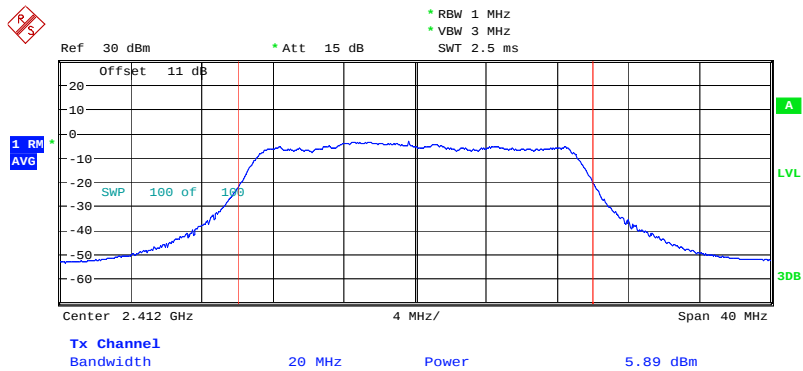
FCC ID: HLEMT390SNLF



MAX OUTPUT POWER 802.11G CH11

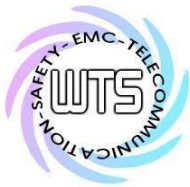
Date: 5.OCT.2016 22:31:06

Mode C



MAX OUTPUT POWER 802.11N 20MHZ CH01

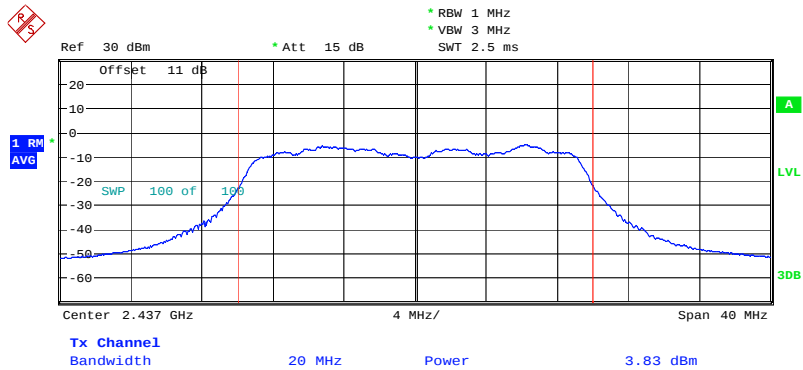
Date: 5.OCT.2016 22:31:58



Worldwide Testing Services(Taiwan) Co., Ltd.

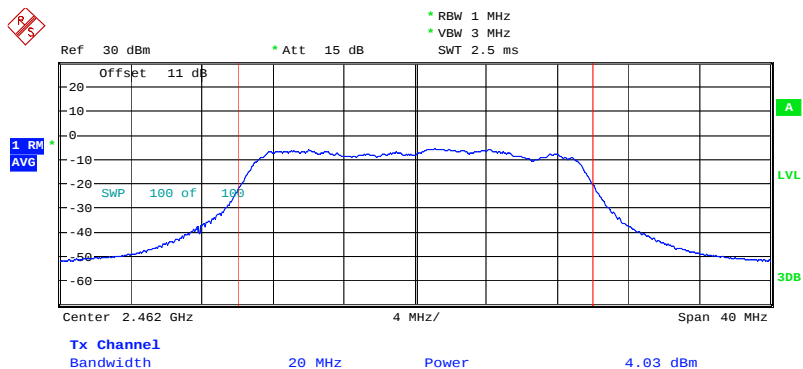
Registration number: W6M21609-16213-C-1

FCC ID: HLEMT390SNLF



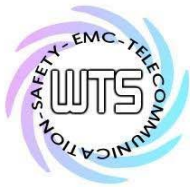
MAX OUTPUT POWER 802.11N 20MHZ CH06

Date: 5.OCT.2016 22:34:23



MAX OUTPUT POWER 802.11N 20MHZ CH11

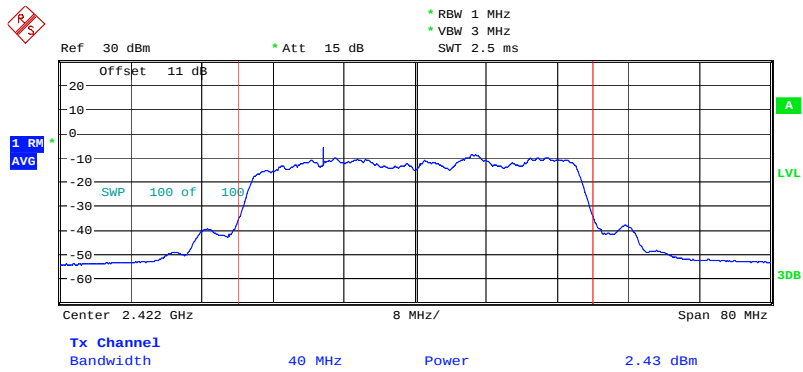
Date: 5.OCT.2016 22:35:28



Registration number: W6M21609-16213-C-1

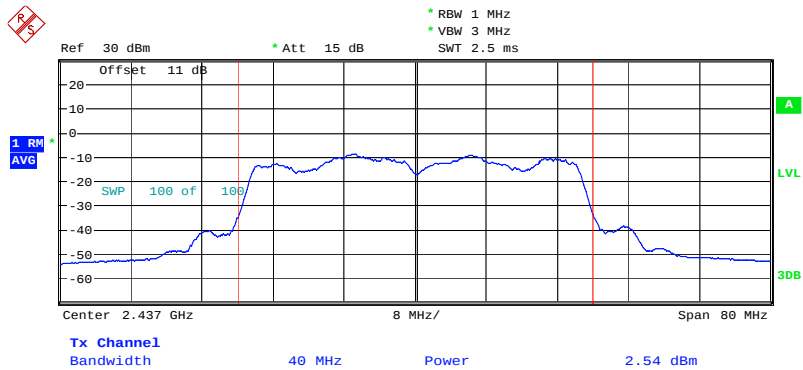
FCC ID: HLEMT390SNLF

Mode D



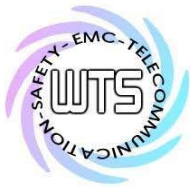
MAX OUTPUT POWER 802.11N 40MHZ CH01

Date: 5.OCT.2016 22:39:30



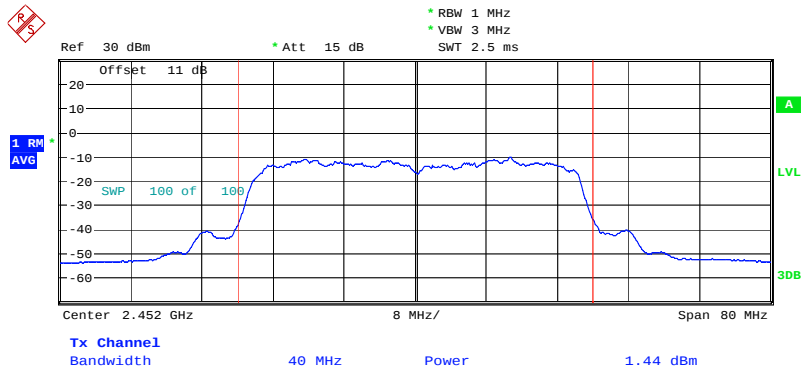
MAX OUTPUT POWER 802.11N 40MHZ CH04

Date: 5.OCT.2016 22:40:36



Registration number: W6M21609-16213-C-1

FCC ID: HLEMT390SNLF



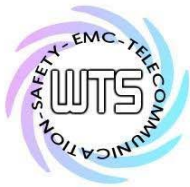
MAX OUTPUT POWER 802.11N 40MHZ CH07
Date: 5.OCT.2016 22:41:16

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



Registration number: W6M21609-16213-C-1

FCC ID: HLEMT390SNLF

3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power: 13.07 dBm

Limit: EIRP = +36 dBm for Antenna gain <6dBi

Test equipment used: ETSTW-RE 055

3.3 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

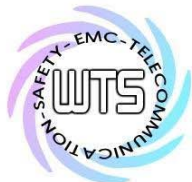
D – Cable Loss

AG – Antenna Gain

Item	Unit	Value	Remarks
P	mW	20.2768	Peak value
D	dB		
AG	dBi	2.84	
G		1.9231	Calculated Value
R	cm	20	Assumed value
S	mW/cm ²	0.0078	Calculated value

Limits:

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



Registration number: W6M21609-16213-C-1

FCC ID: HLEMT390SNLF

3.4 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:

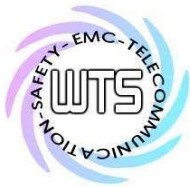
“If the emission is pulsed, modify the unit for continuous operation, use the setting shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.”

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.



Registration number: W6M21609-16213-C-1

FCC ID: HLEMT390SNLF

3.5 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

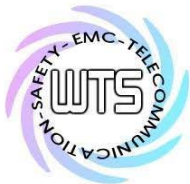
Guidance on Measurement of Digit Transmission Systems:

“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 = $20 \log (\text{dwell time}/100\text{ms})$

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



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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: MT390S

Date: --

Mode: --

Temperature: -- °C Engineer: --

Polarization: Horizontal

Humidity: -- %

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Note

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

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

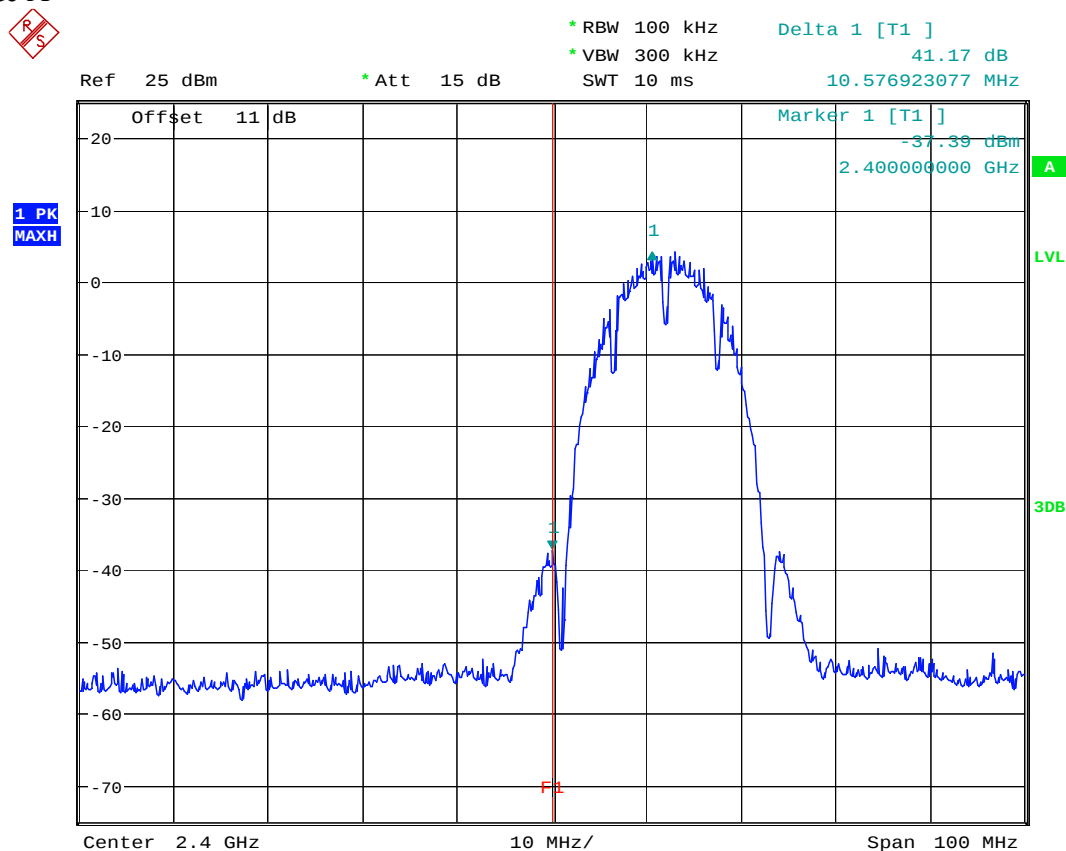
Test equipment used: ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 062, ETSTW-RE 142, ETSTW-RE 147, ETSTW-RE 088, ETSTW-RE 018

FCC ID: HLEMT390SNLF

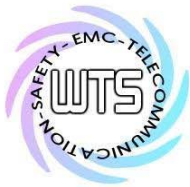
According to FCC rules part 15 subpart C §15.247(d) in any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100 kHz bandwidth within the band that 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 emission which fall in the restricted bands, as defined in section 15.205(a), must also with the radiated emission limits.

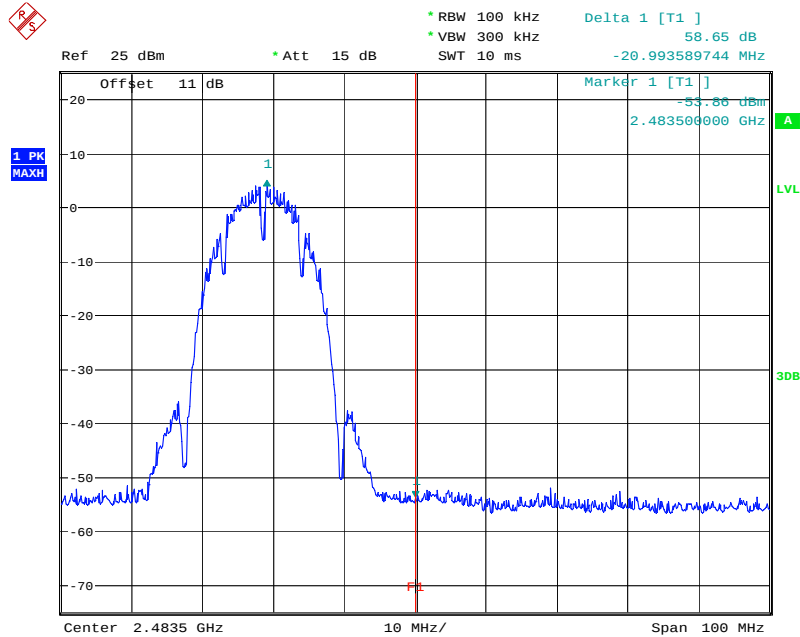
Mode A



Date: 5.OCT.2016 22:27:59

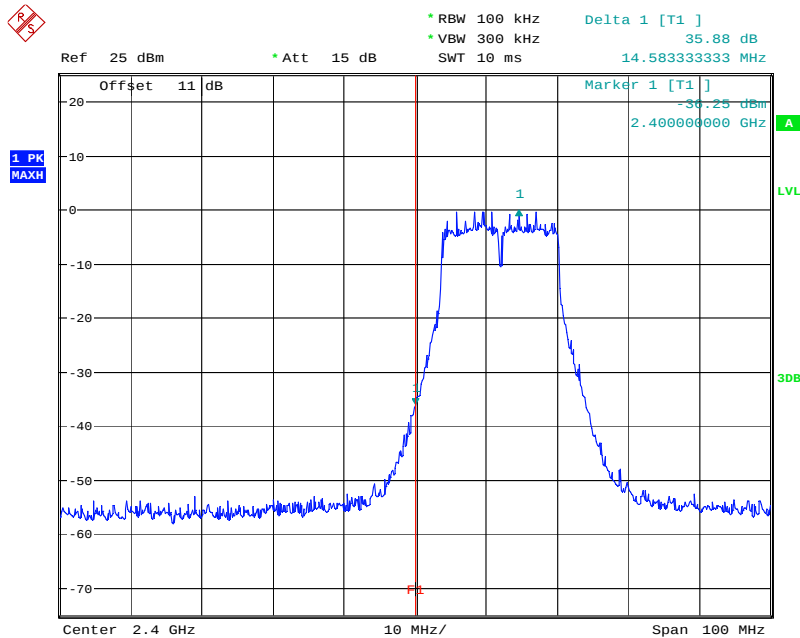


Registration number: W6M21609-16213-C-1
FCC ID: HLEMT390SNLF

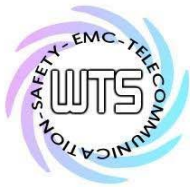


BANDEDGE 802.11B CH11
Date: 5.OCT.2016 22:29:03

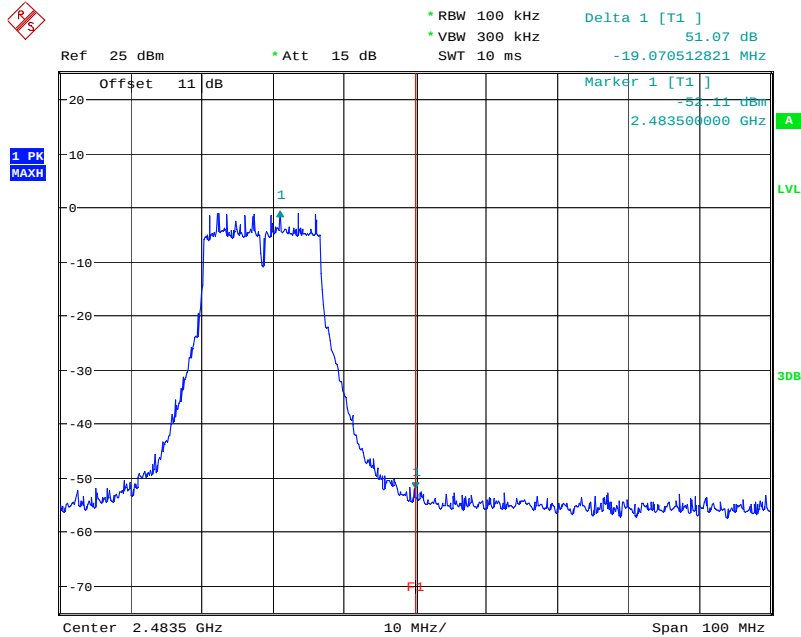
Mode B



BANDEDGE 802.11G CH01
Date: 5.OCT.2016 22:29:44

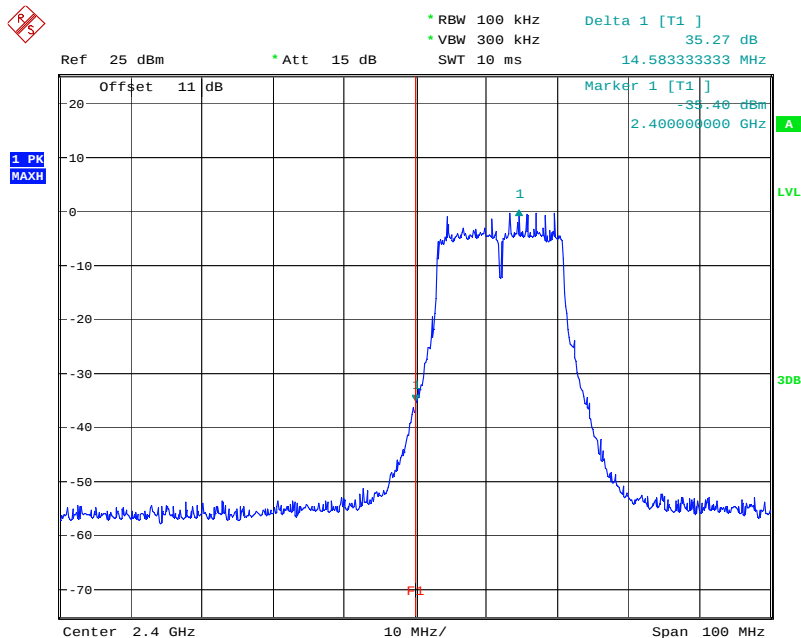


Registration number: W6M21609-16213-C-1
FCC ID: HLEMT390SNLF

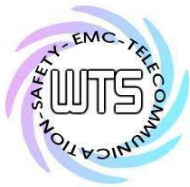


BANDEDGE 802.11G CH11
Date: 5.OCT.2016 22:31:24

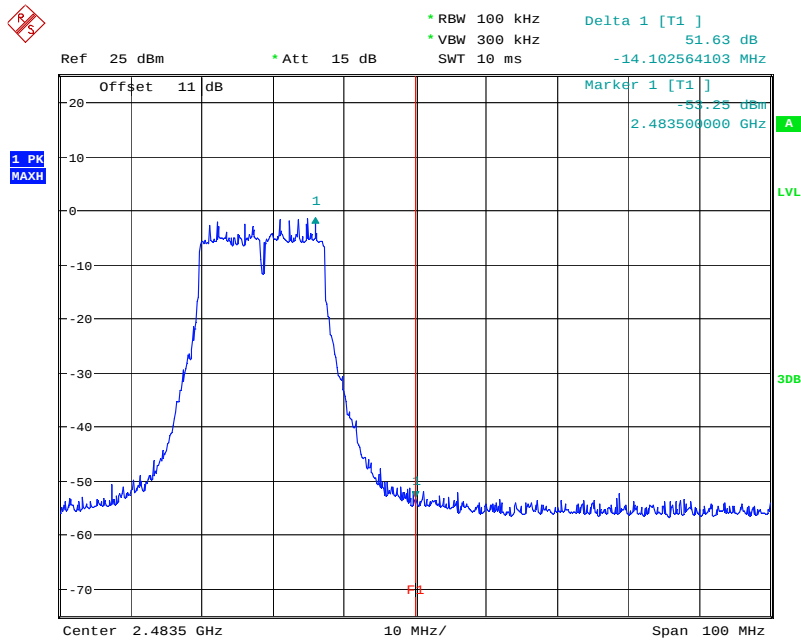
Mode C



BANDEDGE 802.11N 20MHZ CH01
Date: 5.OCT.2016 22:32:16

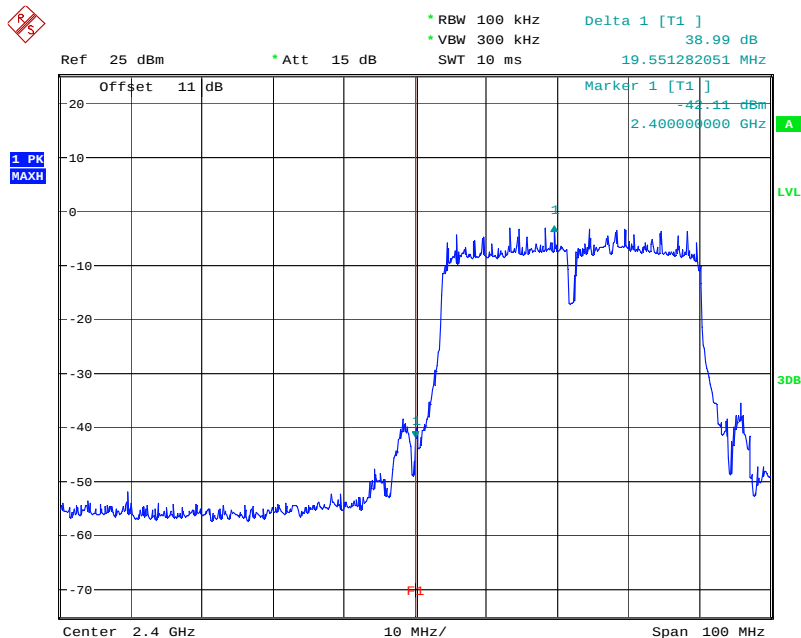


Registration number: W6M21609-16213-C-1
FCC ID: HLEMT390SNLF

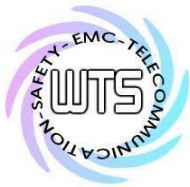


BANDEDGE 802.11N 20MHZ CH11
Date: 5.OCT.2016 22:35:47

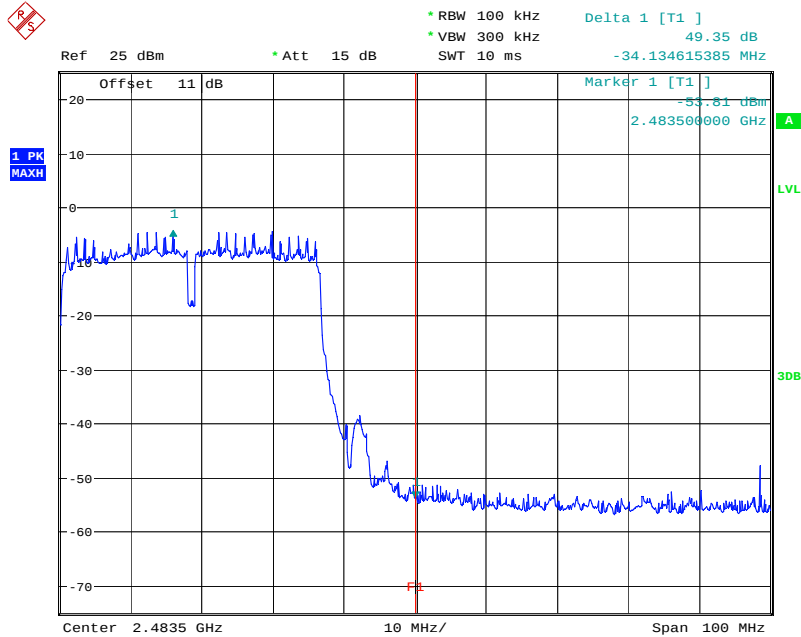
Mode D



BANDEDGE 802.11N 40MHZ CH01
Date: 5.OCT.2016 22:39:51



Registration number: W6M21609-16213-C-1
FCC ID: HLEMT390SNLF

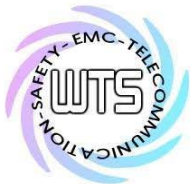


BANDEDGE 802.11N 40MHZ CH07
Date: 5.OCT.2016 22:41:37

Limit:

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

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



Registration number: W6M21609-16213-C-1

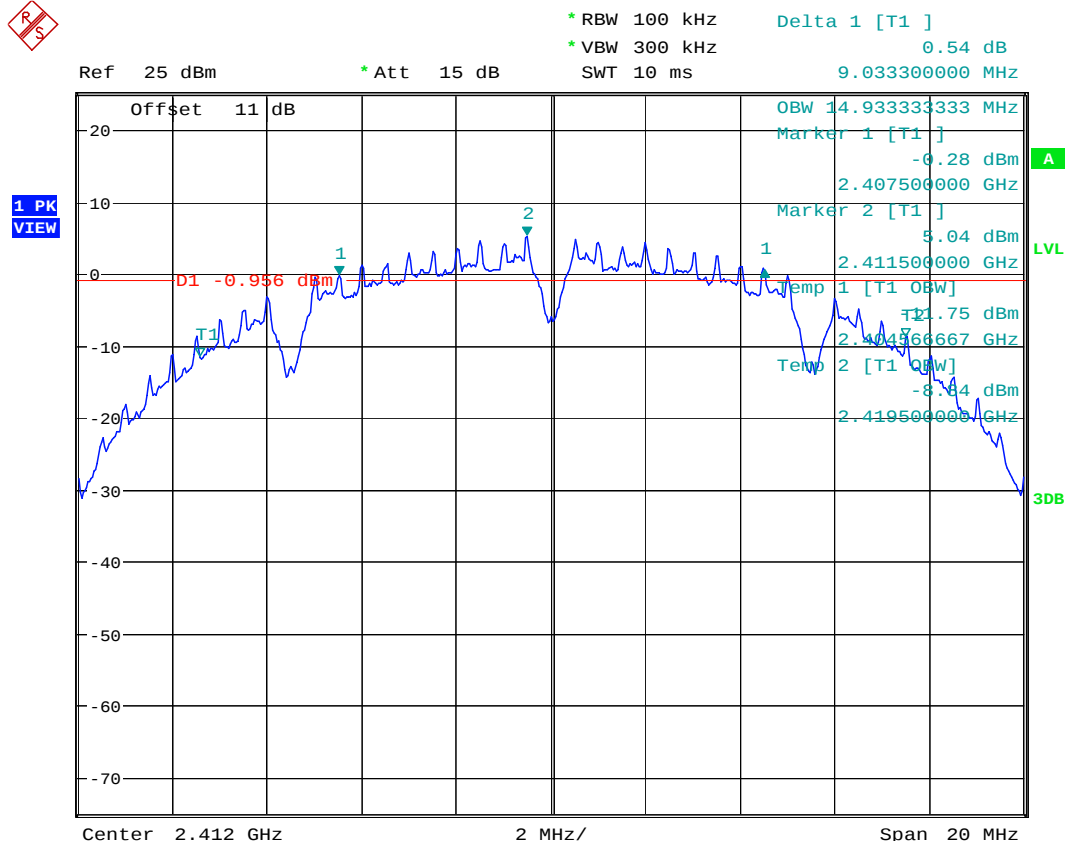
FCC ID: HLEMT390SNLF

3.7 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.

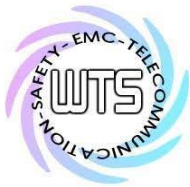
The 6 dB bandwidth is the frequency difference between the two markers.

Mode A



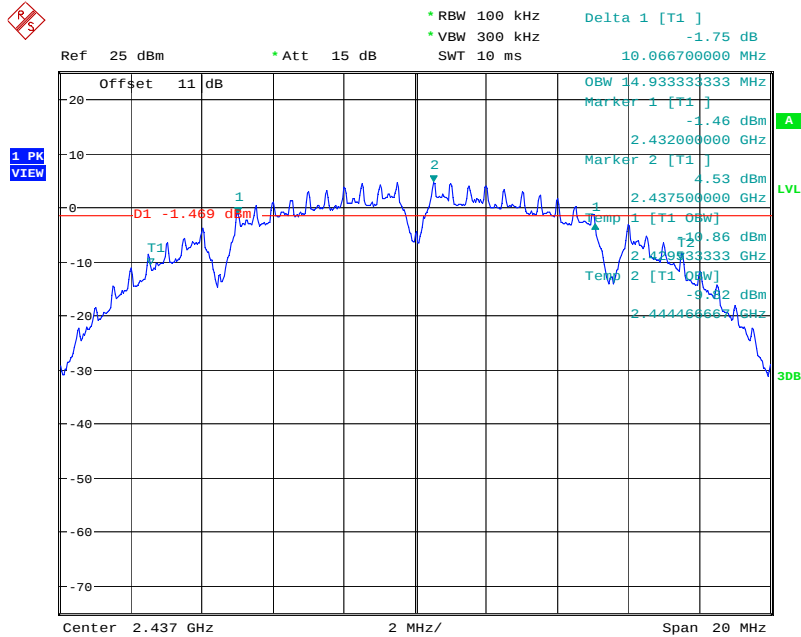
6DB BANDWIDTH 802.11B CH01

Date: 5.OCT.2016 22:27:47

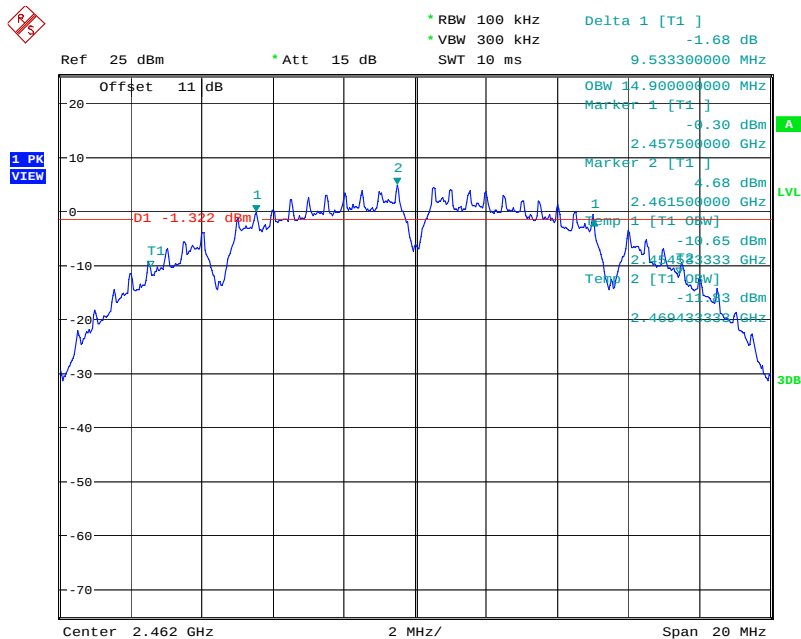


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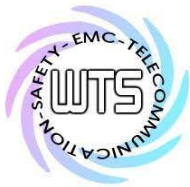
Registration number: W6M21609-16213-C-1
FCC ID: HLEMT390SNLF



6DB BANDWIDTH 802.11B CH06
Date: 5.OCT.2016 22:28:20



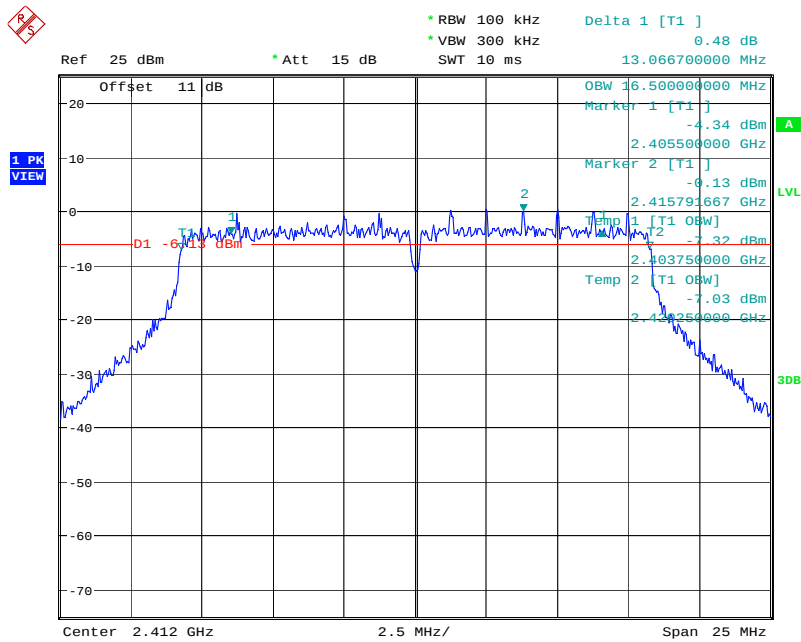
6DB BANDWIDTH 802.11B CH11
Date: 5.OCT.2016 22:28:51



Registration number: W6M21609-16213-C-1

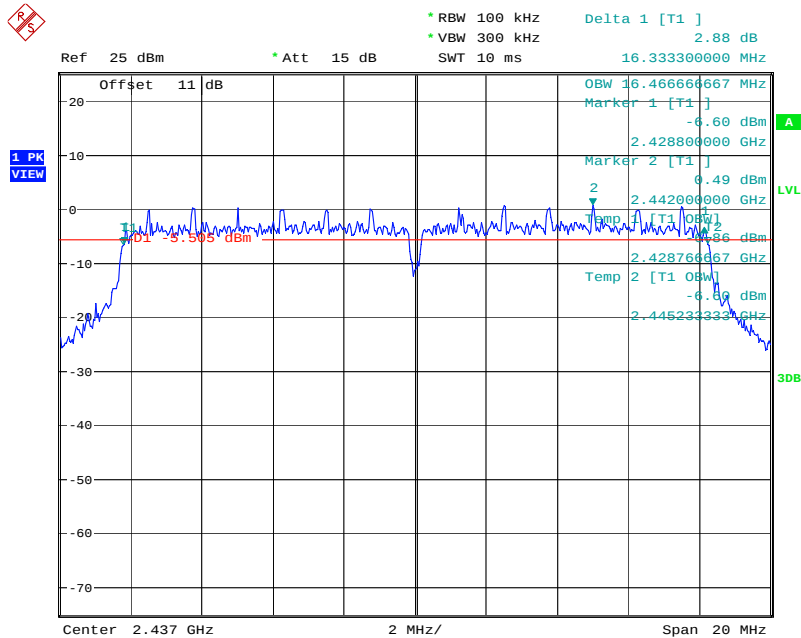
FCC ID: HLEMT390SNLF

Mode B



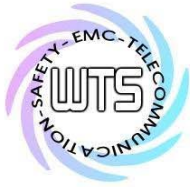
6DB BANDWIDTH 802.11G CH01

Date: 5.OCT.2016 22:29:32



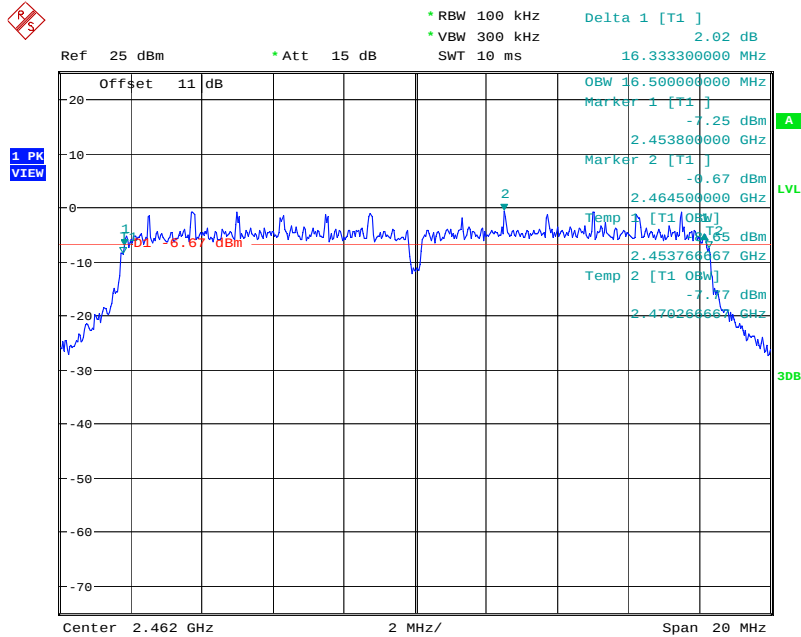
6DB BANDWIDTH 802.11G CH06

Date: 5.OCT.2016 22:30:21



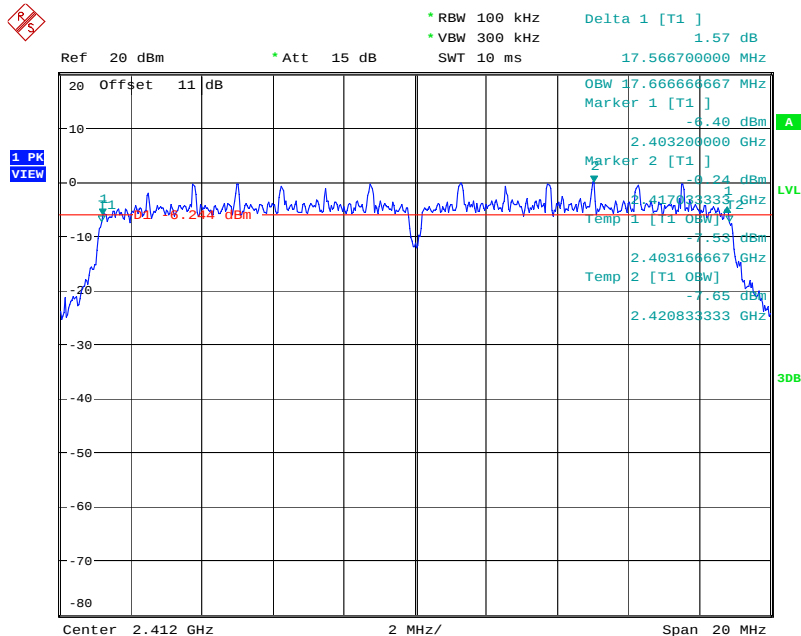
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21609-16213-C-1
FCC ID: HLEMT390SNLF

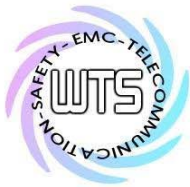


6DB BANDWIDTH 802.11G CH11
Date: 5.OCT.2016 22:31:12

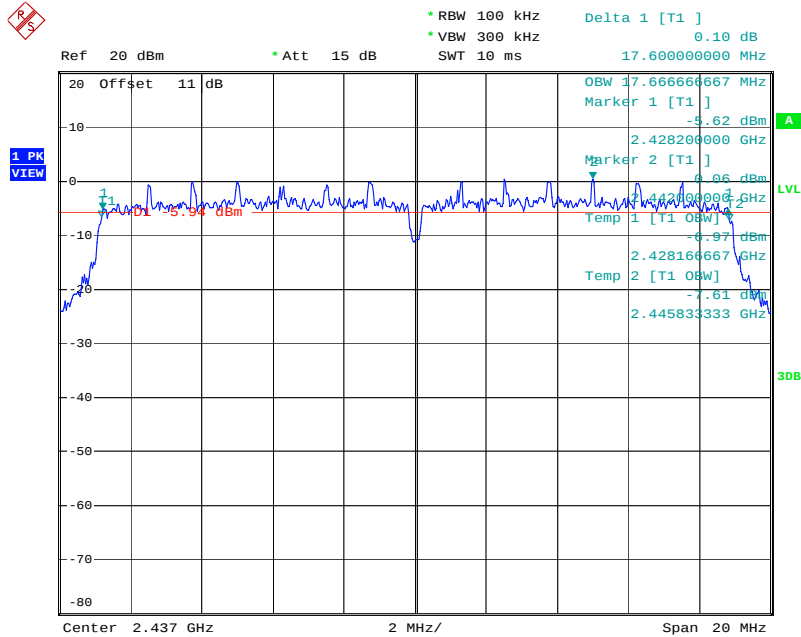
Mode C



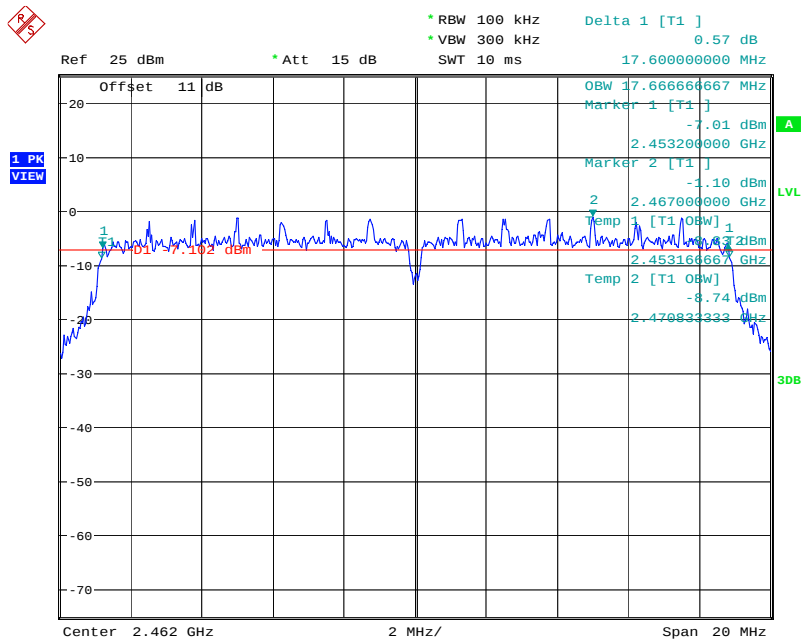
6DB BANDWIDTH 802.11N 20MHZ CH01
Date: 5.OCT.2016 22:32:04



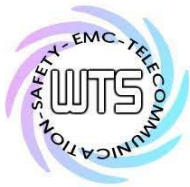
Registration number: W6M21609-16213-C-1
FCC ID: HLEMT390SNLF



6DB BANDWIDTH 802.11N 20MHZ CH06
Date: 5.OCT.2016 22:34:30



6DB BANDWIDTH 802.11N 20MHZ CH11
Date: 5.OCT.2016 22:35:35

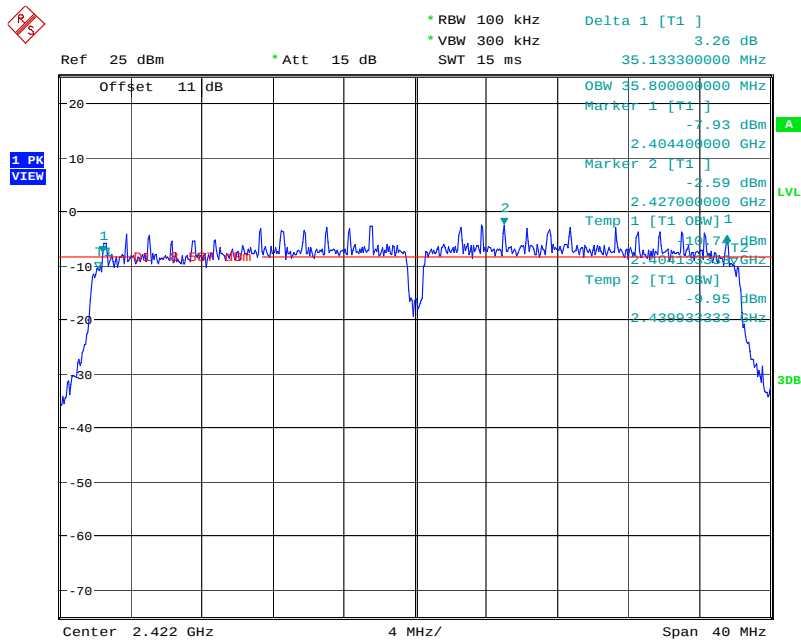


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21609-16213-C-1

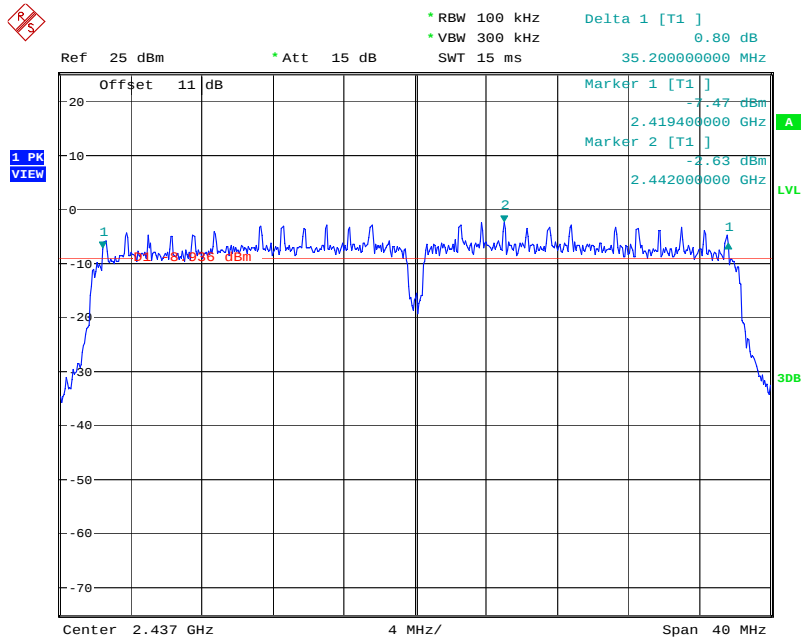
FCC ID: HLEMT390SNLF

Mode D



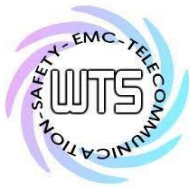
6DB BANDWIDTH 802.11N 40MHZ CH01

Date: 5.OCT.2016 22:39:36



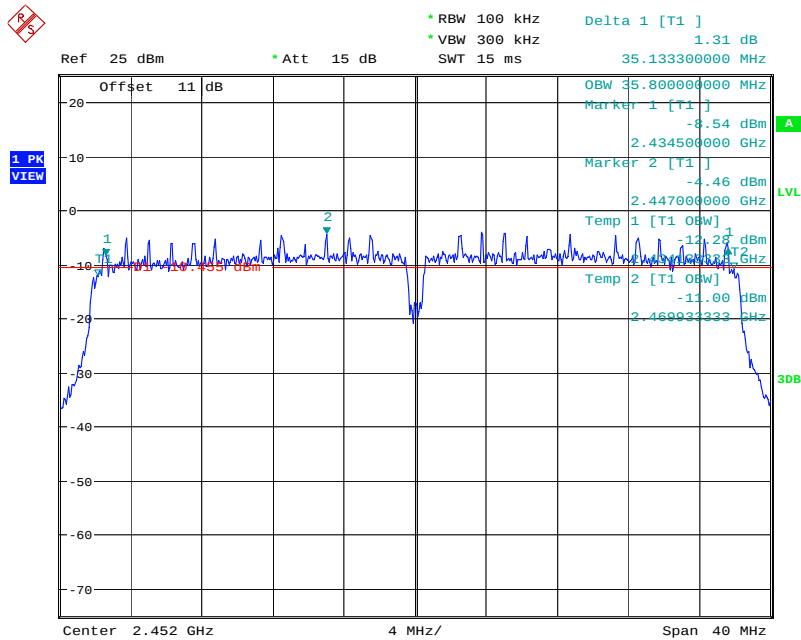
6DB BANDWIDTH 802.11N 40MHZ CH04

Date: 5.OCT.2016 22:40:42



Registration number: W6M21609-16213-C-1

FCC ID: HLEMT390SNLF



6DB BANDWIDTH 802.11N 40MHz CH07

Date: 5.OCT.2016 22:41:22

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

Registration number: W6M21609-16213-C-1

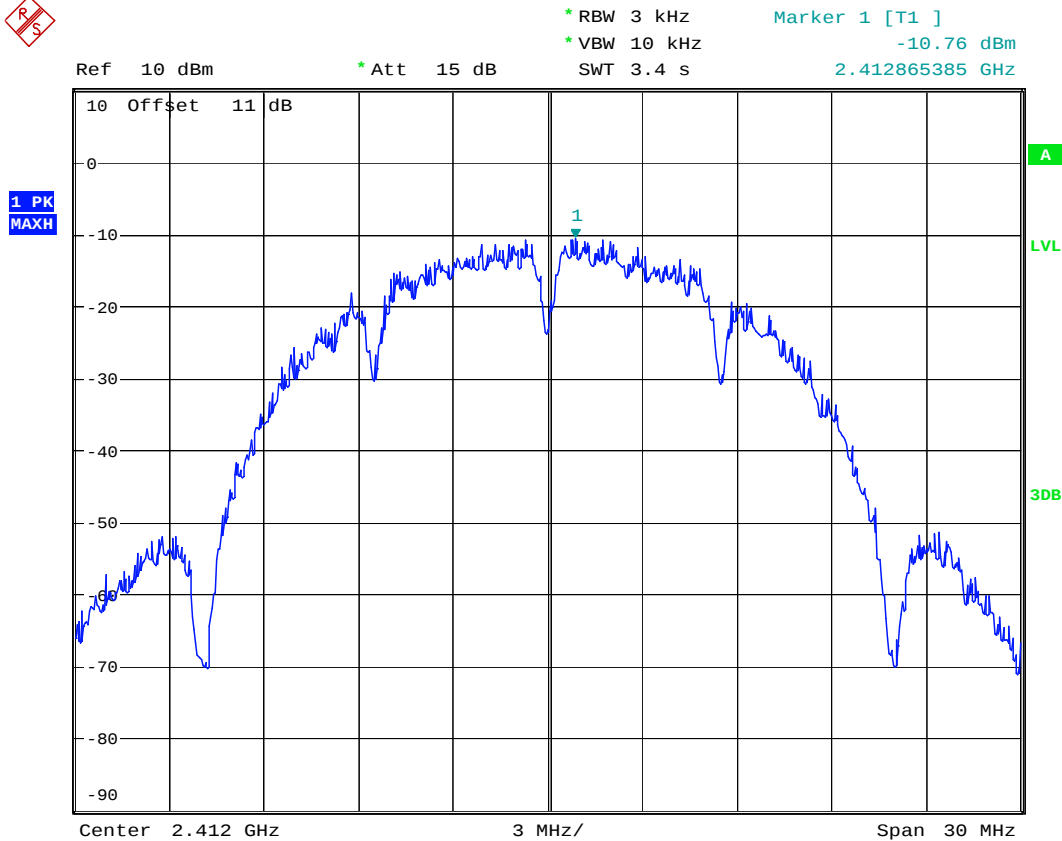
FCC ID: HLEMT390SNLF

3.8 Peak Power Spectral Density

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

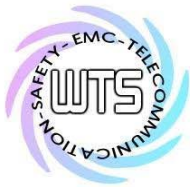
The peak output power is measured with a measurement bandwidth of 10 MHz and displayed on diagram together with Peak Power Spectral Density result which was measured with a bandwidth of 3 kHz, appreciate frequency span and sweep time.

Mode A

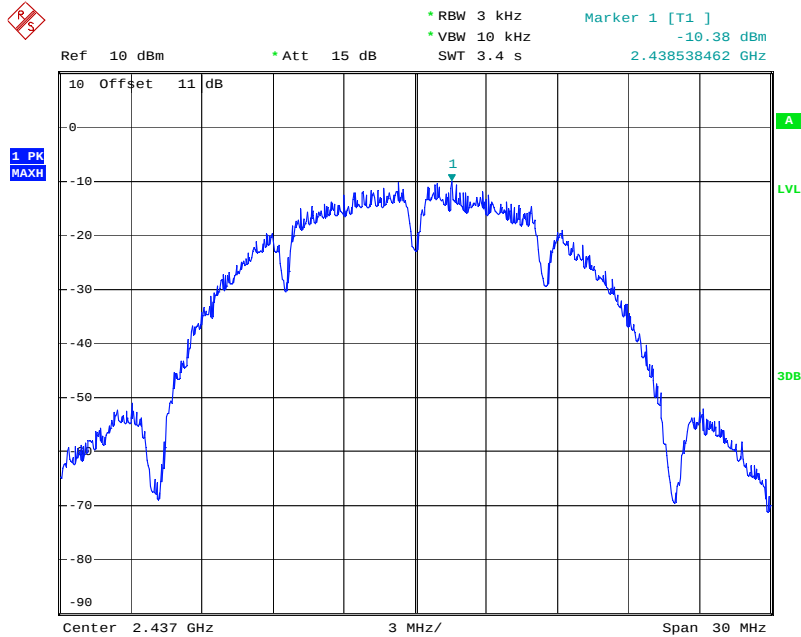


POWER DENSITY 802.11B CH01

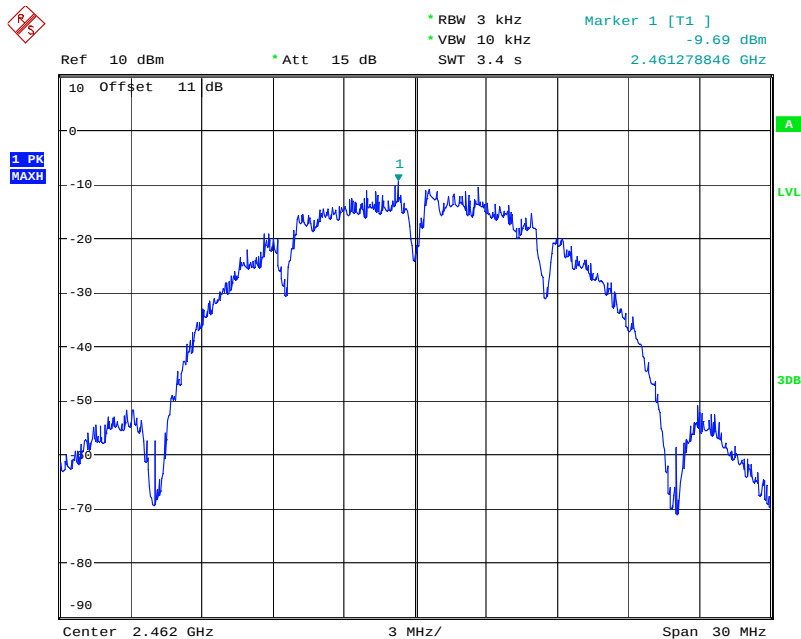
Date: 5.OCT.2016 22:27:55



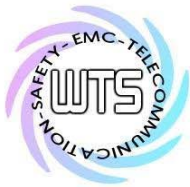
Registration number: W6M21609-16213-C-1
FCC ID: HLEMT390SNLF



POWER DENSITY 802.11B CH06
Date: 5.OCT.2016 22:28:28



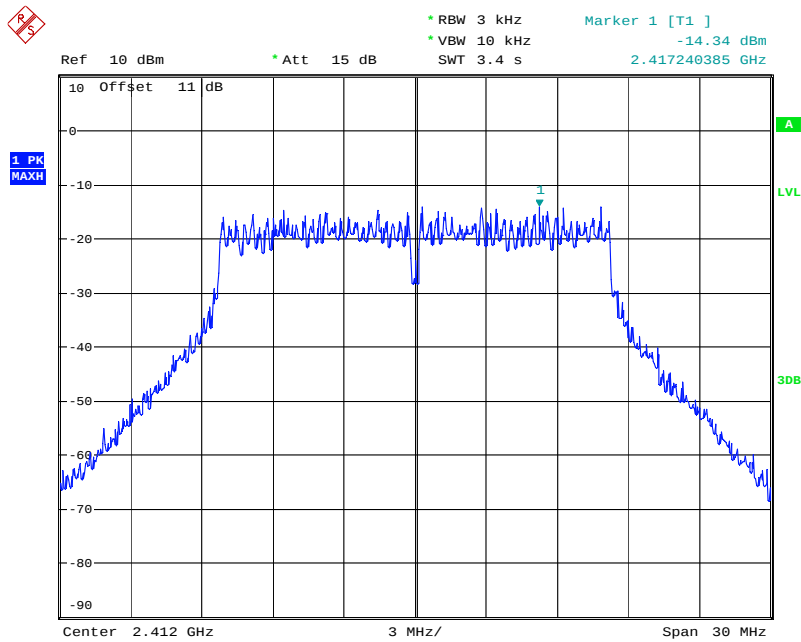
POWER DENSITY 802.11B CH11
Date: 5.OCT.2016 22:28:59



Registration number: W6M21609-16213-C-1

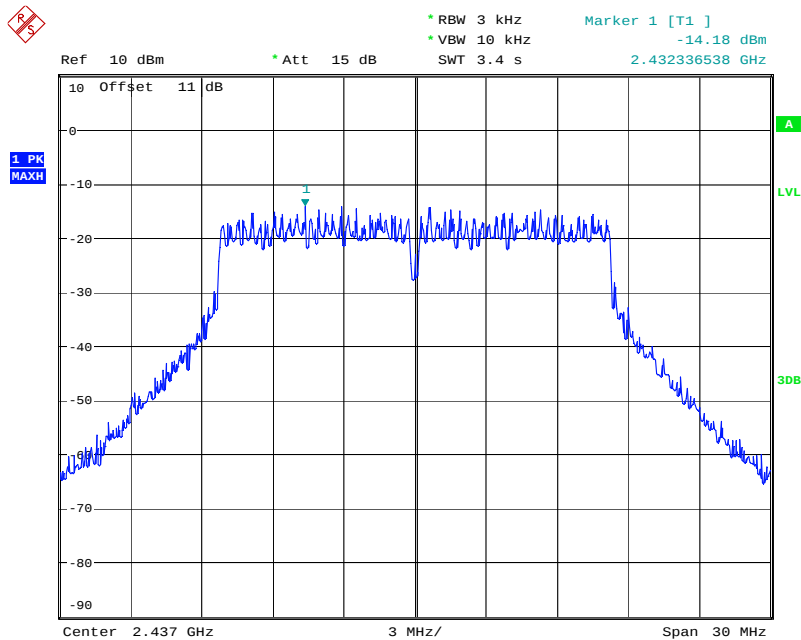
FCC ID: HLEMT390SNLF

Mode B



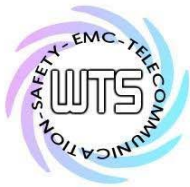
POWER DENSITY 802.11G CH01

Date: 5.OCT.2016 22:29:40



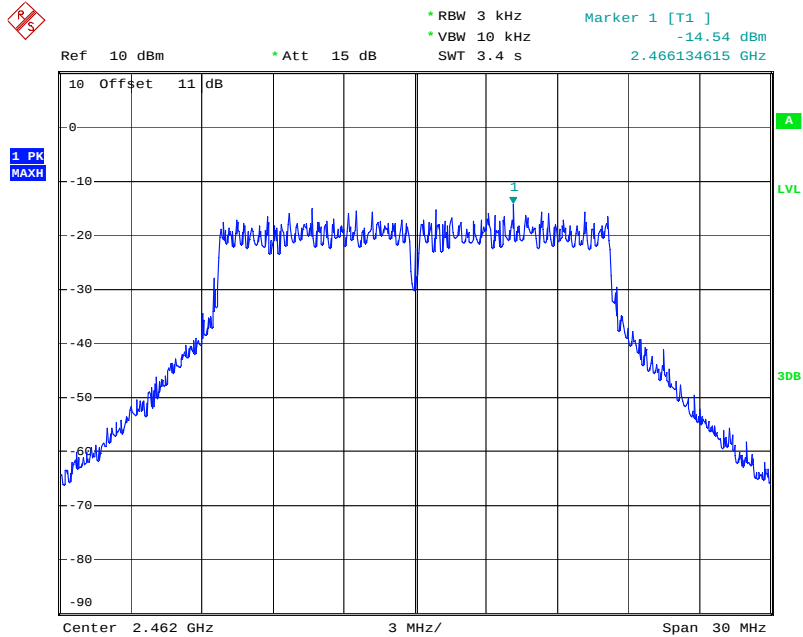
POWER DENSITY 802.11G CH06

Date: 5.OCT.2016 22:30:29



Registration number: W6M21609-16213-C-1

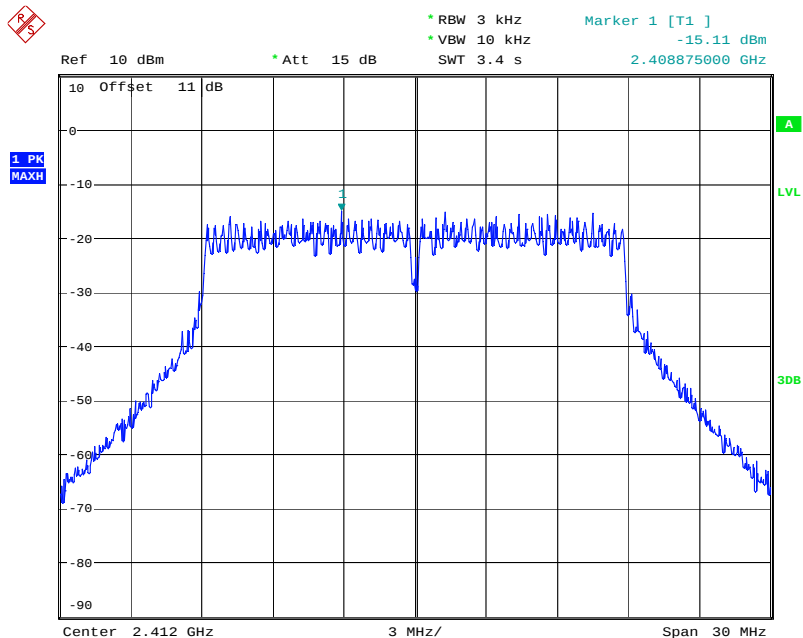
FCC ID: HLEMT390SNLF



POWER DENSITY 802.11G CH11

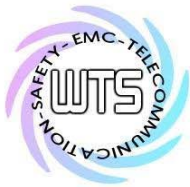
Date: 5.OCT.2016 22:31:20

Mode C

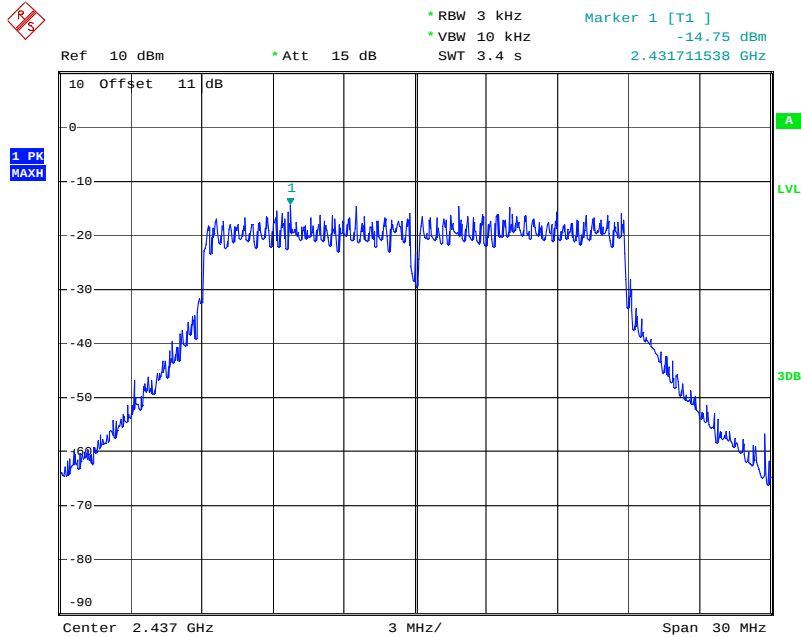


POWER DENSITY 802.11N 20MHZ CH01

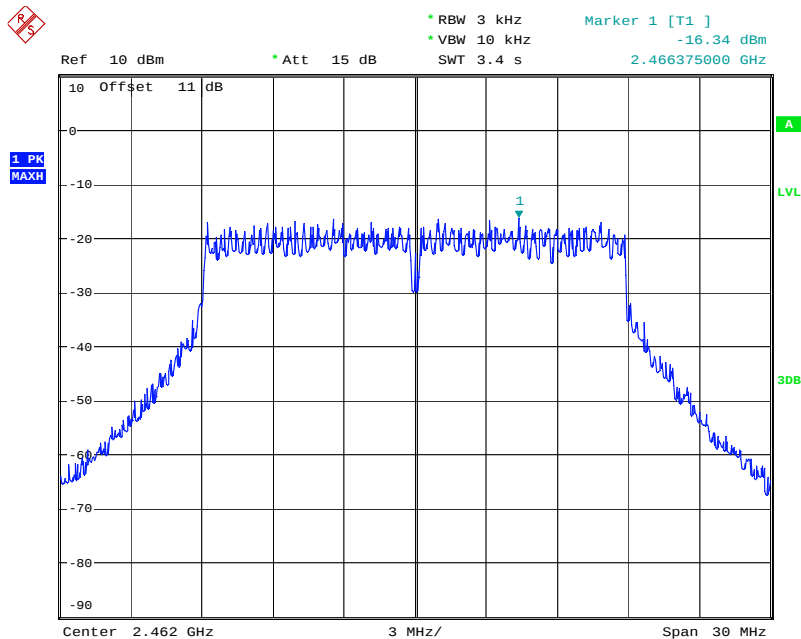
Date: 5.OCT.2016 22:32:12



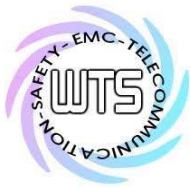
Registration number: W6M21609-16213-C-1
FCC ID: HLEMT390SNLF



POWER DENSITY 802.11N 20MHZ CH06
Date: 5.OCT.2016 22:34:38



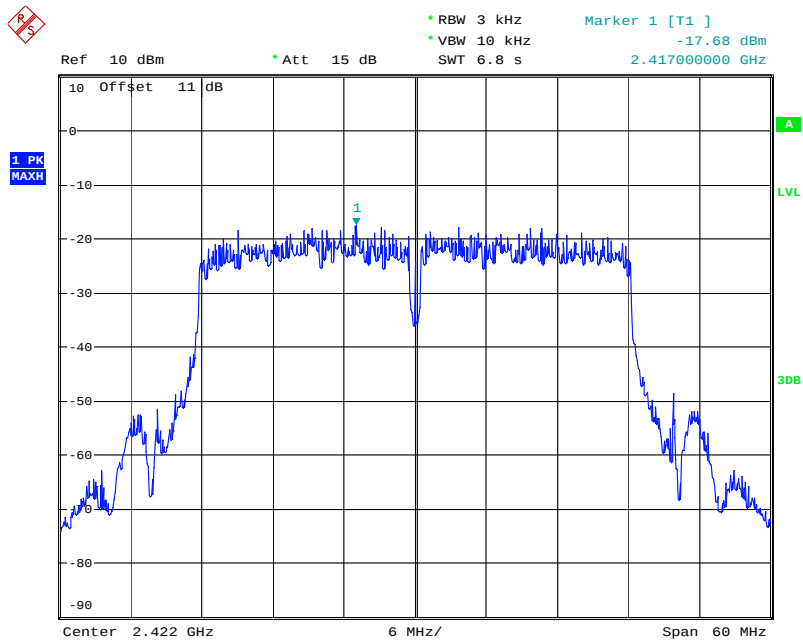
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Date: 5.OCT.2016 22:35:43



Registration number: W6M21609-16213-C-1

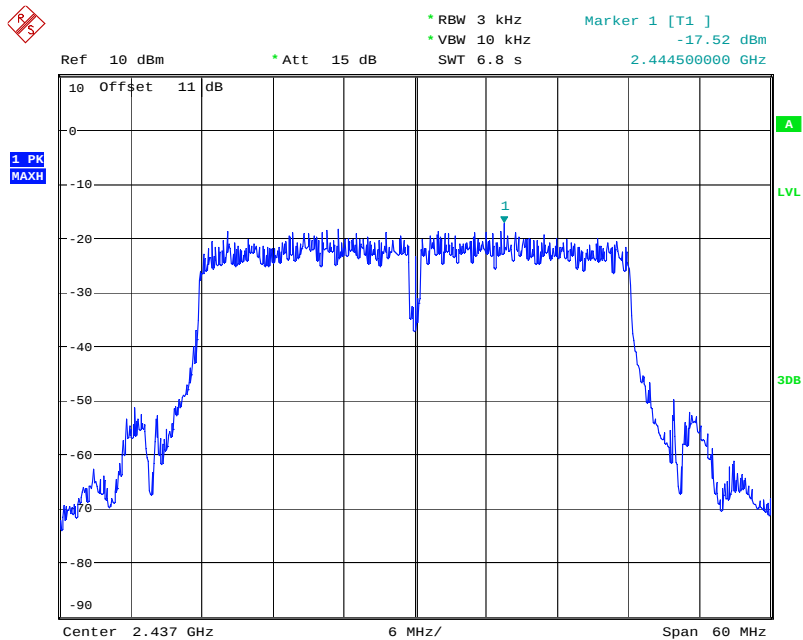
FCC ID: HLEMT390SNLF

Mode D



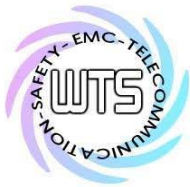
POWER DENSITY 802.11N 40MHZ CH01

Date: 5.OCT.2016 22:39:47



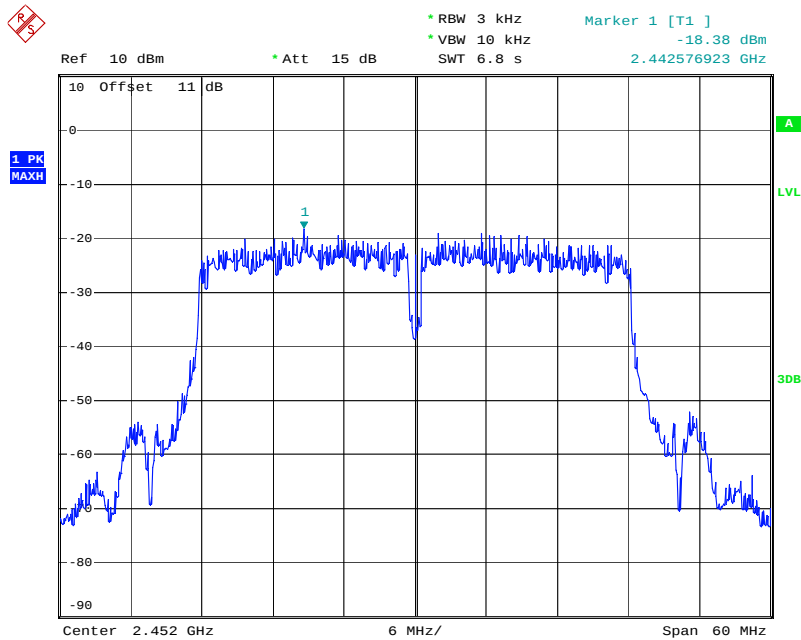
POWER DENSITY 802.11N 40MHZ CH04

Date: 5.OCT.2016 22:40:53



Registration number: W6M21609-16213-C-1

FCC ID: HLEMT390SNLF



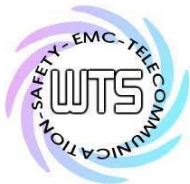
POWER DENSITY 802.11N 40MHZ CH07

Date: 5.OCT.2016 22:41:33

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: W6M21609-16213-C-1

FCC ID: HLEMT390SNLF

3.9 Radiated Emission from Digital Part

FCC Rule: 15.109

Model: MT390S

Date: --

Mode: --

Temperature: -- °C Engineer: --

Polarization: Horizontal

Humidity: -- %

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Polarization: Vertical

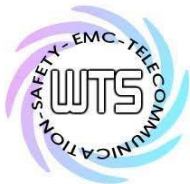
Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

- Note**
1. Correction Factor = Antenna factor + Cable loss - Preamplifier
 2. The formula of measured value as: Test Result = Reading + Correction Factor
 3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
 4. All not in the table noted test results are more than 20 dB below the relevant limits.
 5. Measurement uncertainty for 3m measurement: 30-1000 MHz = ± 4.69 dB, 1-18 GHz = ± 4.78 dB, 18-40 GHz = ± 2.44 dB ; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.
 6. The test results are listed in the separated test report no.: W6M21609-16213-P-15B.

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 055, ETSTW-RE 064, ETSTW-RE 004, ETSTW-RE 030
ETSTW-RE 062, ETSTW-RE 142, ETSTW-RE 147



Registration number: W6M21609-16213-C-1

FCC ID: HLEMT390SNLF

3.10 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.

Model: MT390S Date: --
Mode: -- Temperature: -- °C Engineer: --
Polarization: N Humidity: -- %

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

Polarization: L1

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

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.

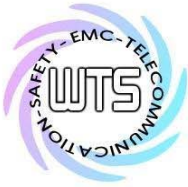
6. Up Line: QP Limit Line, Down Line: Ave Limit Line.

7. The EUT uses POE power supply, so this test item is not required.

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-RE 045



Registration number: W6M21609-16213-C-1
FCC ID: HLEMT390SNLF

Appendix

Measurement diagrams

Radiated Emission



Radiated Emission Measurement

Operator: Roy

File :1

Data :#1

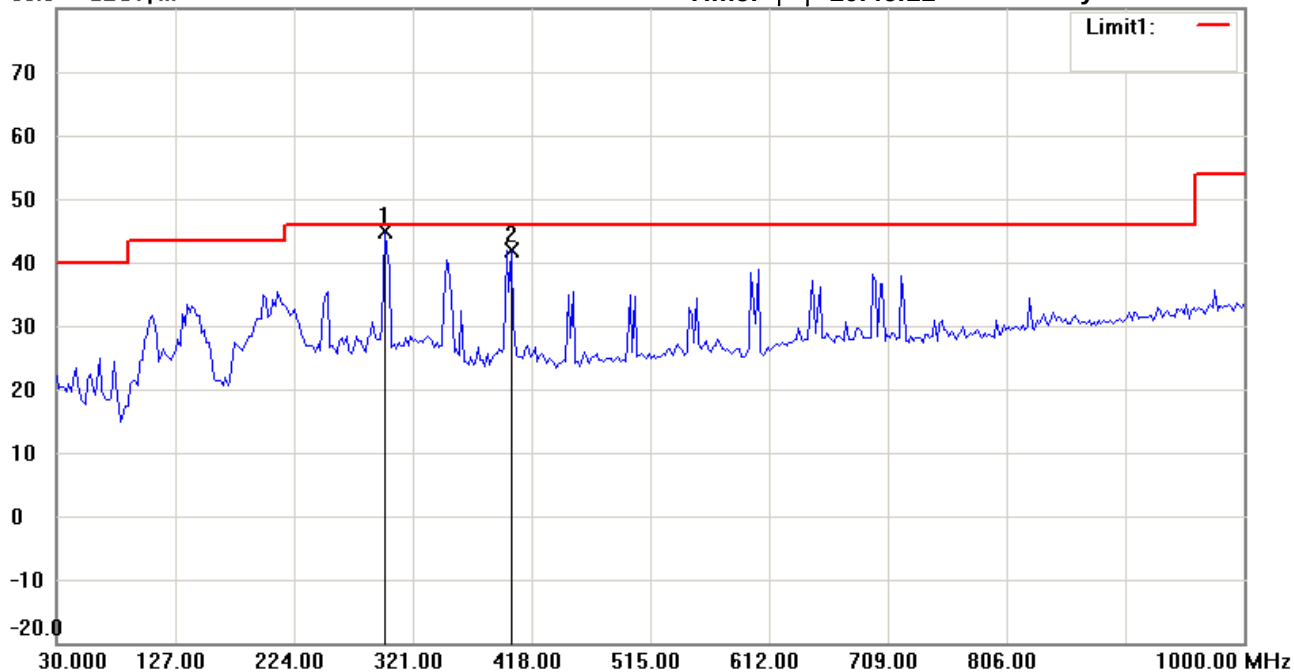
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:46:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	50.46	peak	-5.64	44.82	46.00	100	315	-1.18	
	401.2826	45.63	peak	-3.66	41.97	46.00	100	60	-4.03	



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 :1

Data :#2

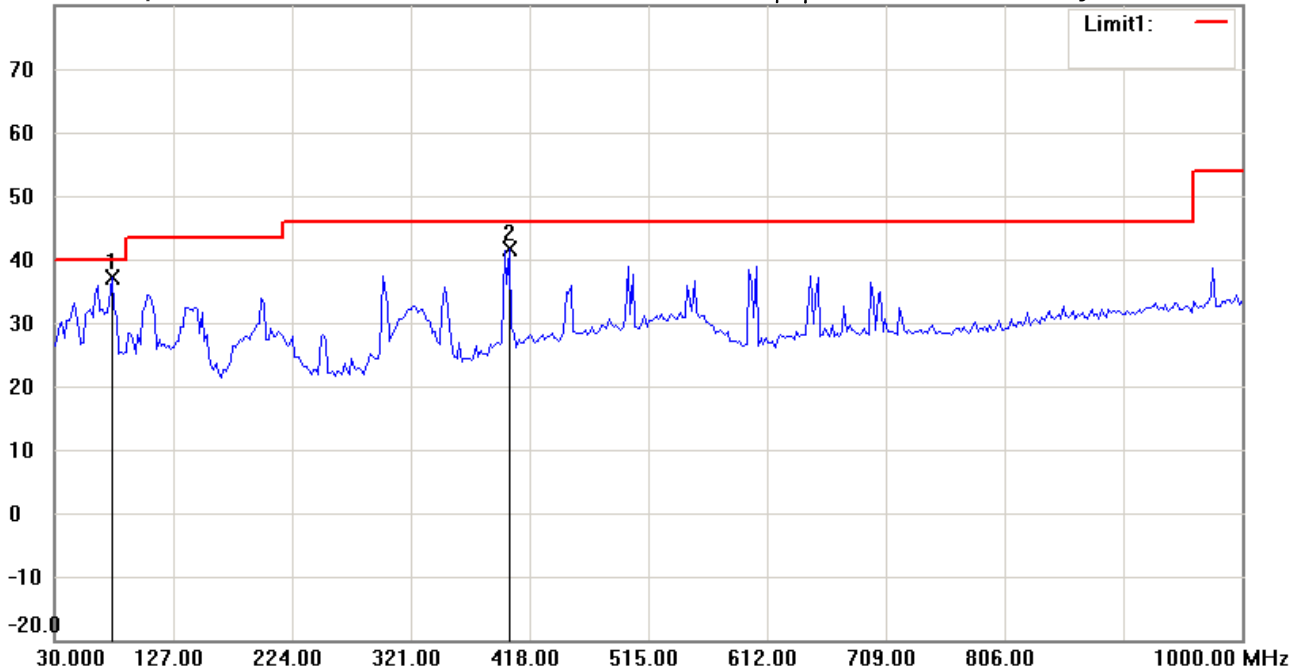
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:46:55

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	76.6533	50.06	peak	-12.97	37.09	40.00	100	175	-2.91	
	401.2826	45.19	peak	-3.66	41.53	46.00	100	200	-4.47	

*: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: Leon

File :3

Data :#1

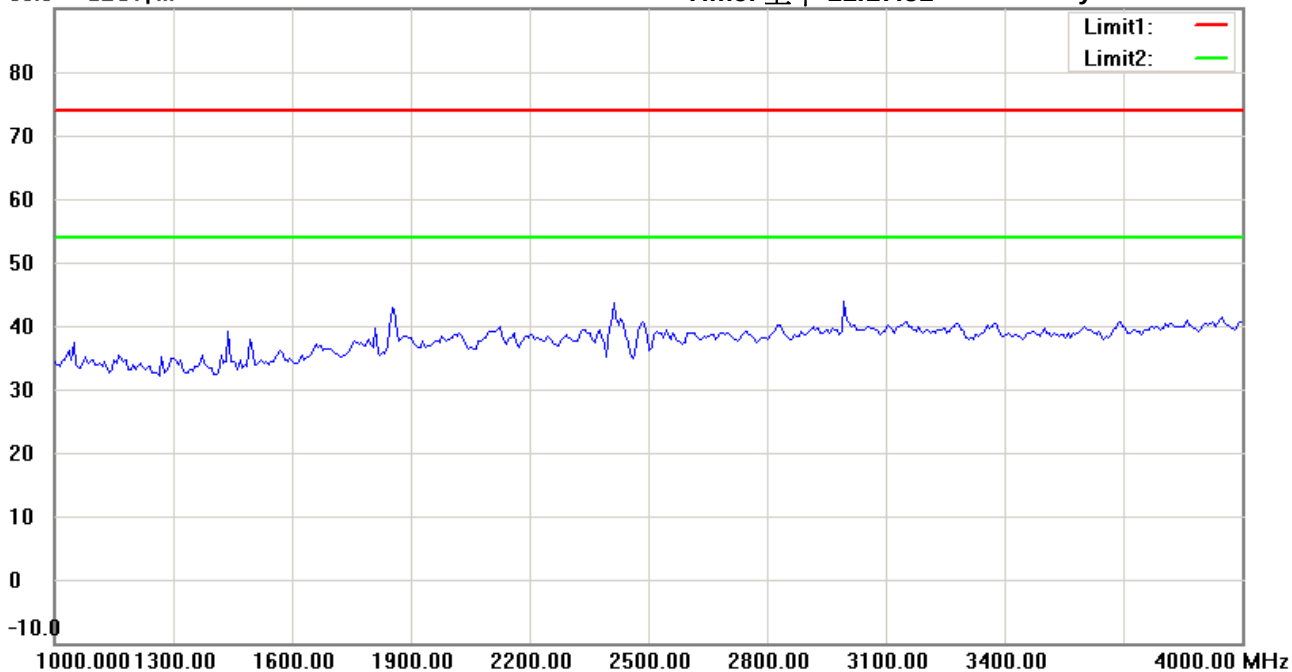
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:17:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#6

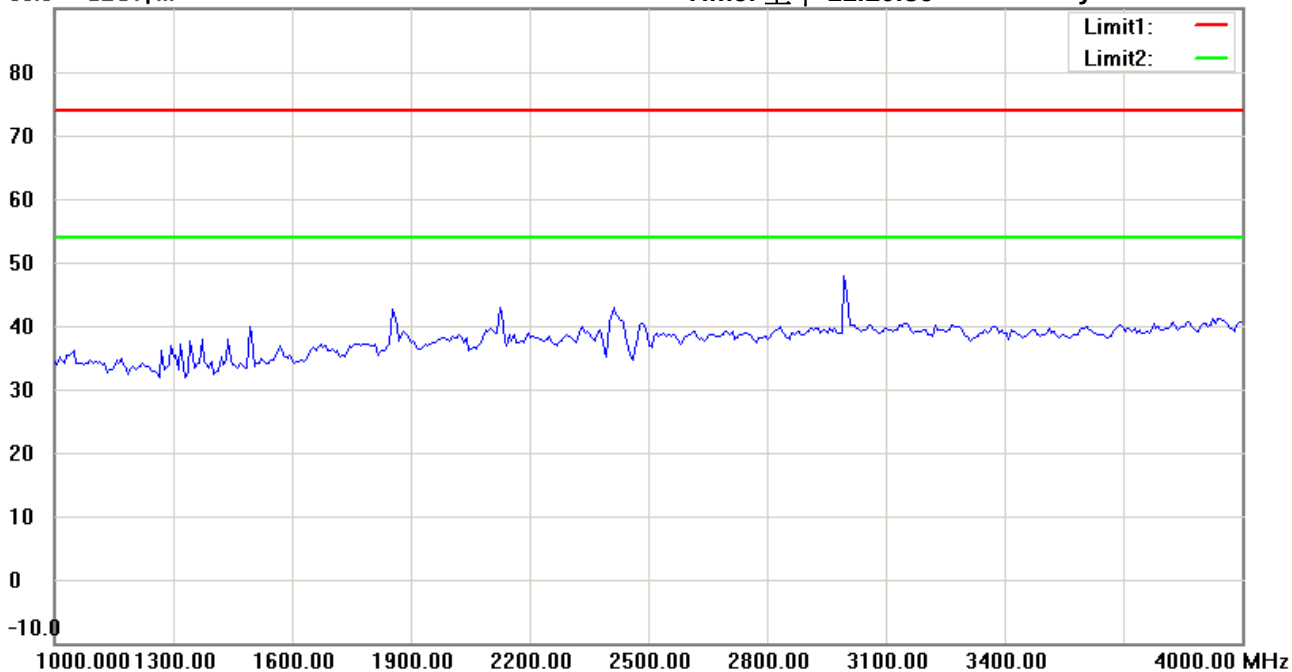
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:20:36

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 : 3

Data : #2

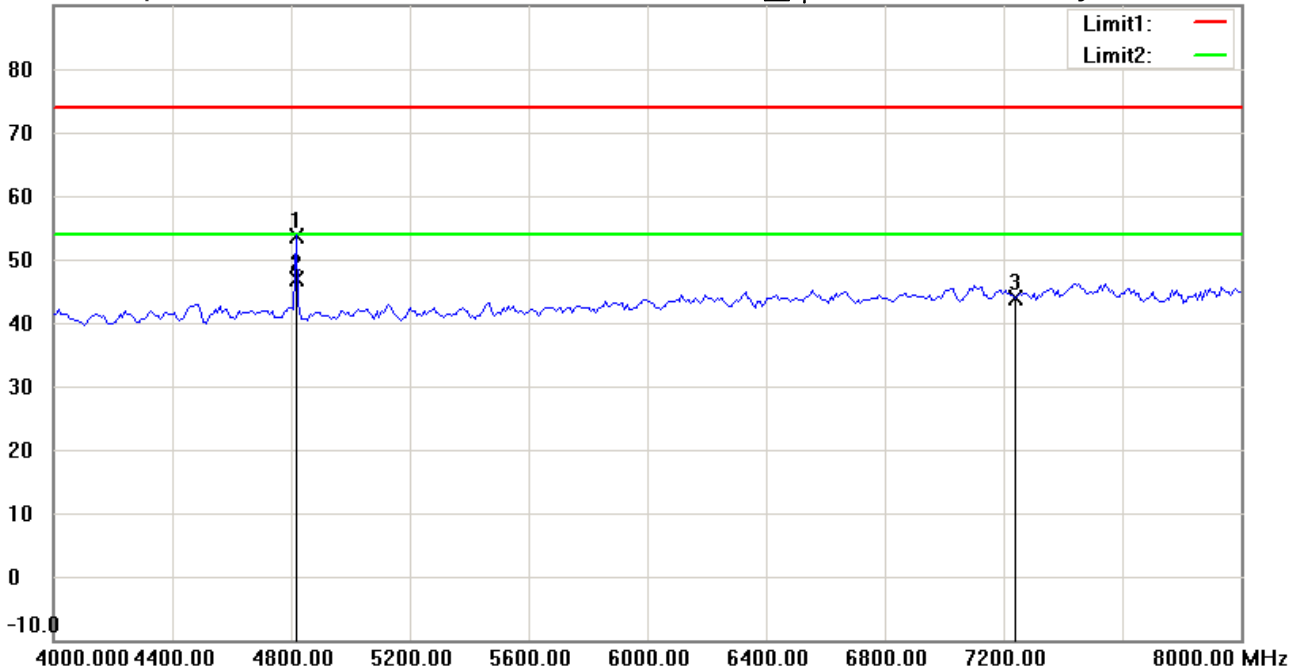
Date: 2016/9/23

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 11:18:36

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4817.635	54.29	peak	-0.58	53.71	74.00	230	200	-20.29	
*	4817.635	47.55	AVG	-0.58	46.97	54.00	230	200	-7.03	
	7236.000	39.61	peak	4.29	43.90	74.00	150	210	-30.10	

*: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 :#7

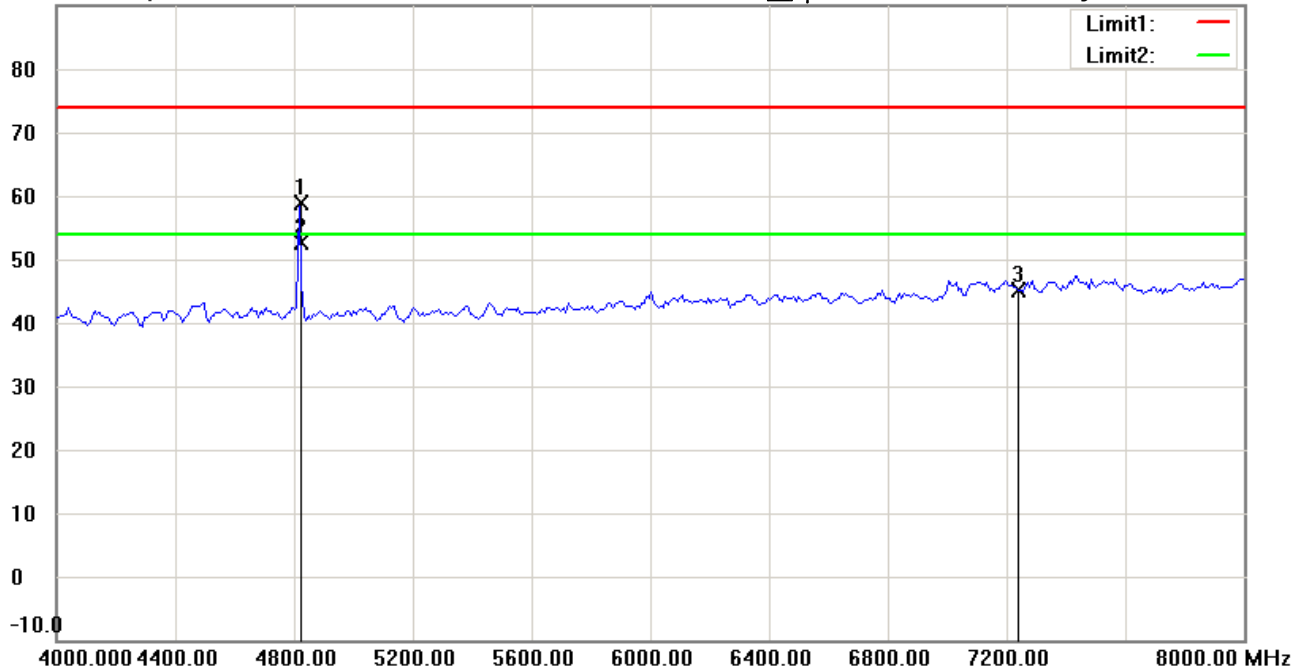
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:21:22

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4825.651	59.46	peak	-0.56	58.90	74.00	150	190	-15.10	
*	4825.651	53.15	AVG	-0.56	52.59	54.00	150	190	-1.41	
	7236.000	40.96	peak	4.29	45.25	74.00	150	125	-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: Leon

File :3

Data :#3

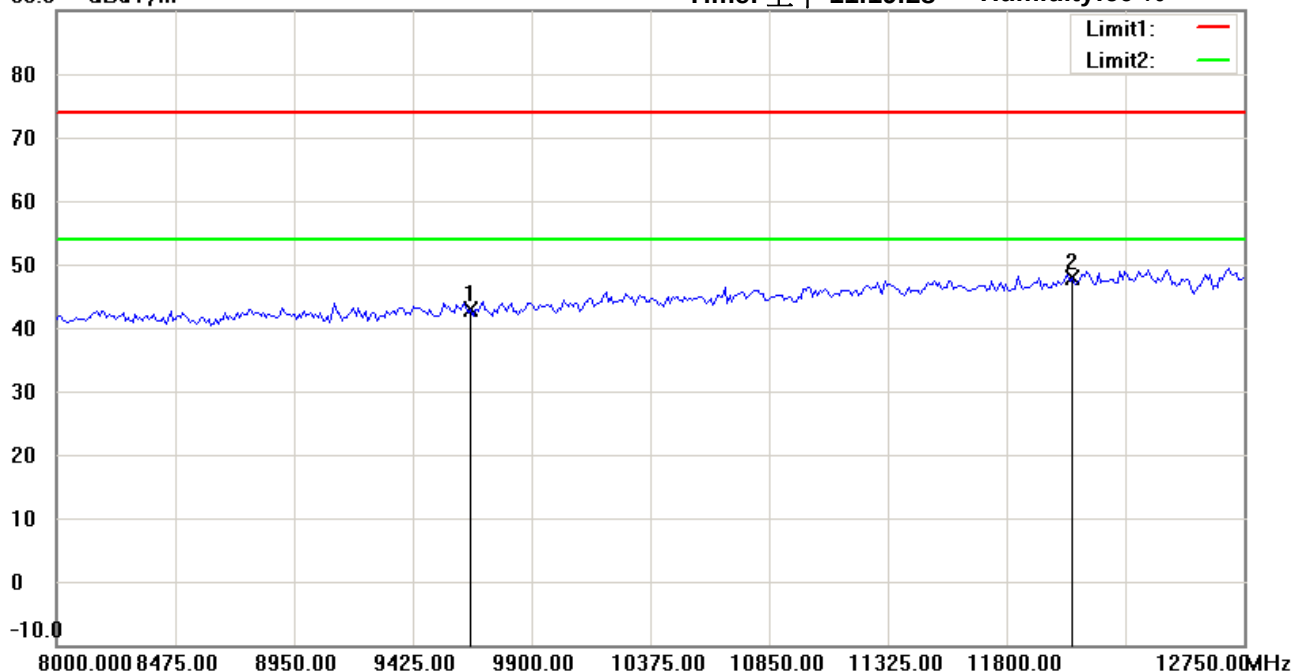
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:19:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.35	peak	7.51	42.86	74.00	150	110	-31.14	
*	12060.000	34.63	peak	13.18	47.81	74.00	150	20	-26.19	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

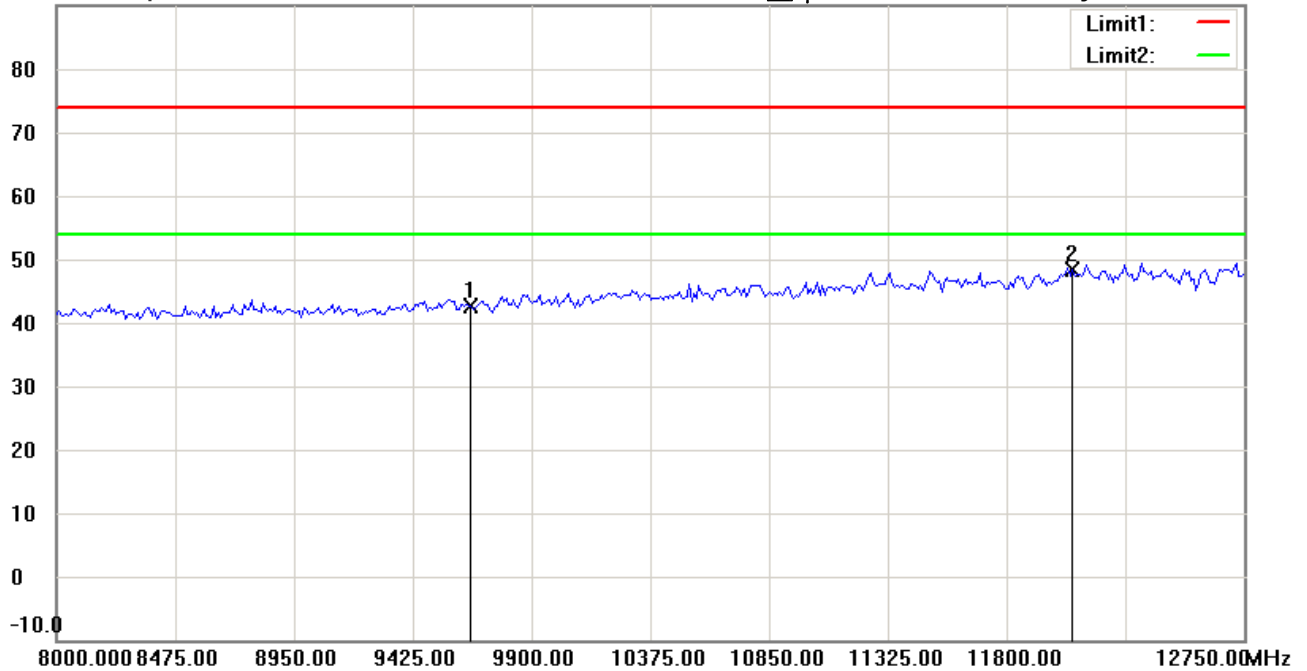
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:22:06

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.17	peak	7.51	42.68	74.00	150	75	-31.32	
*	12060.000	35.09	peak	13.18	48.27	74.00	150	90	-25.73	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

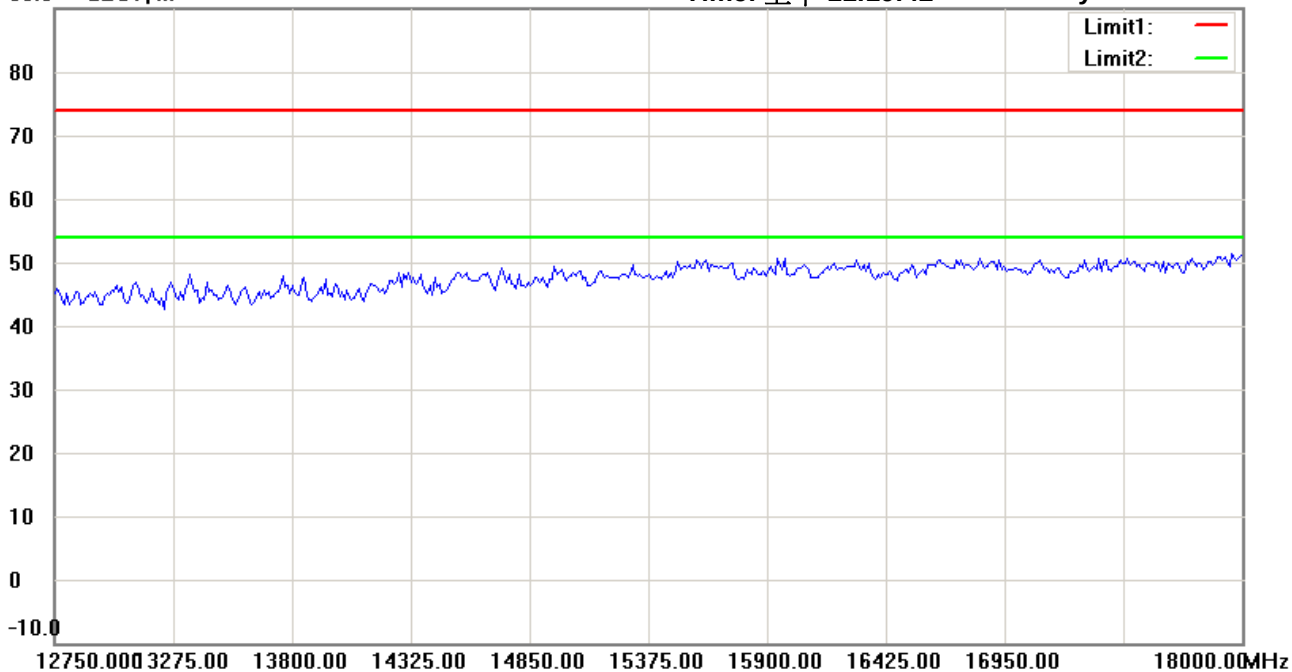
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:19:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

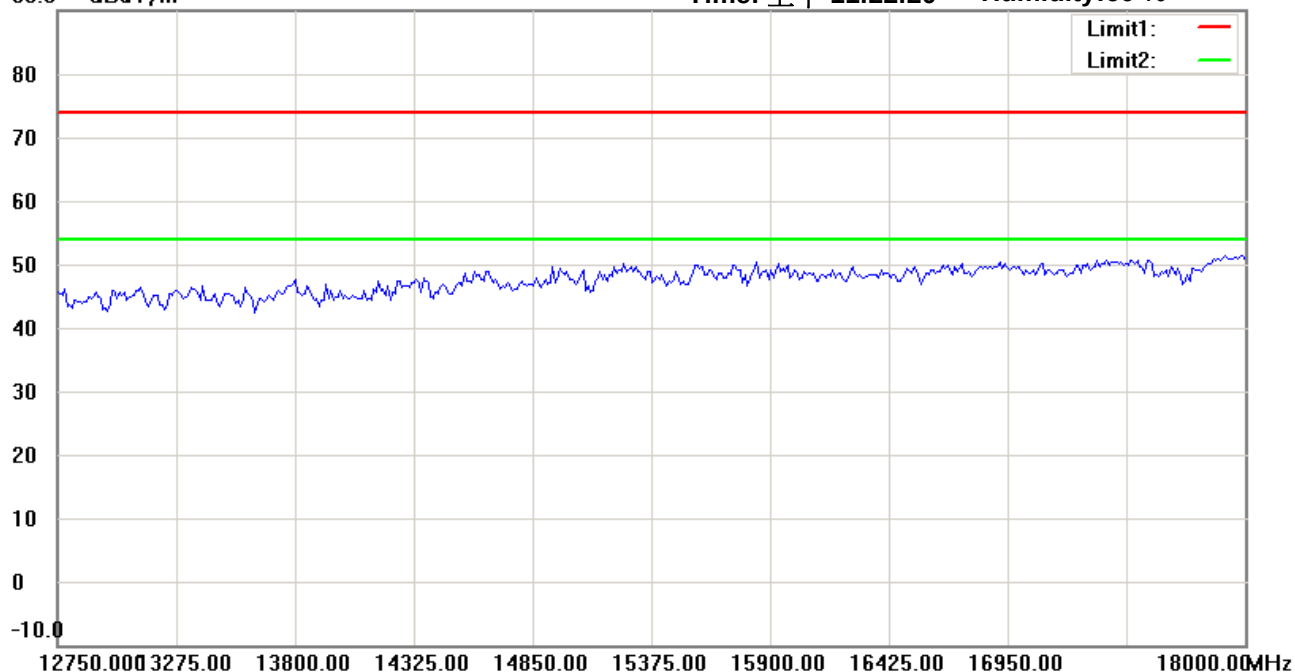
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:22:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#5

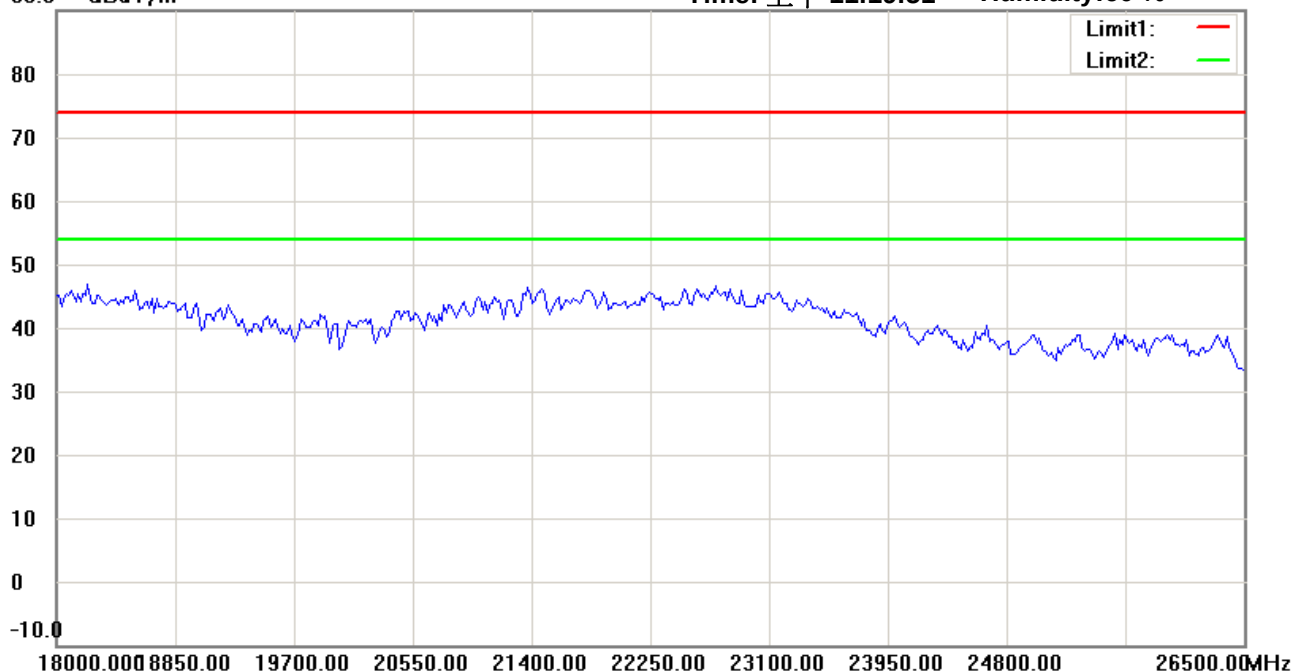
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:19:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#10

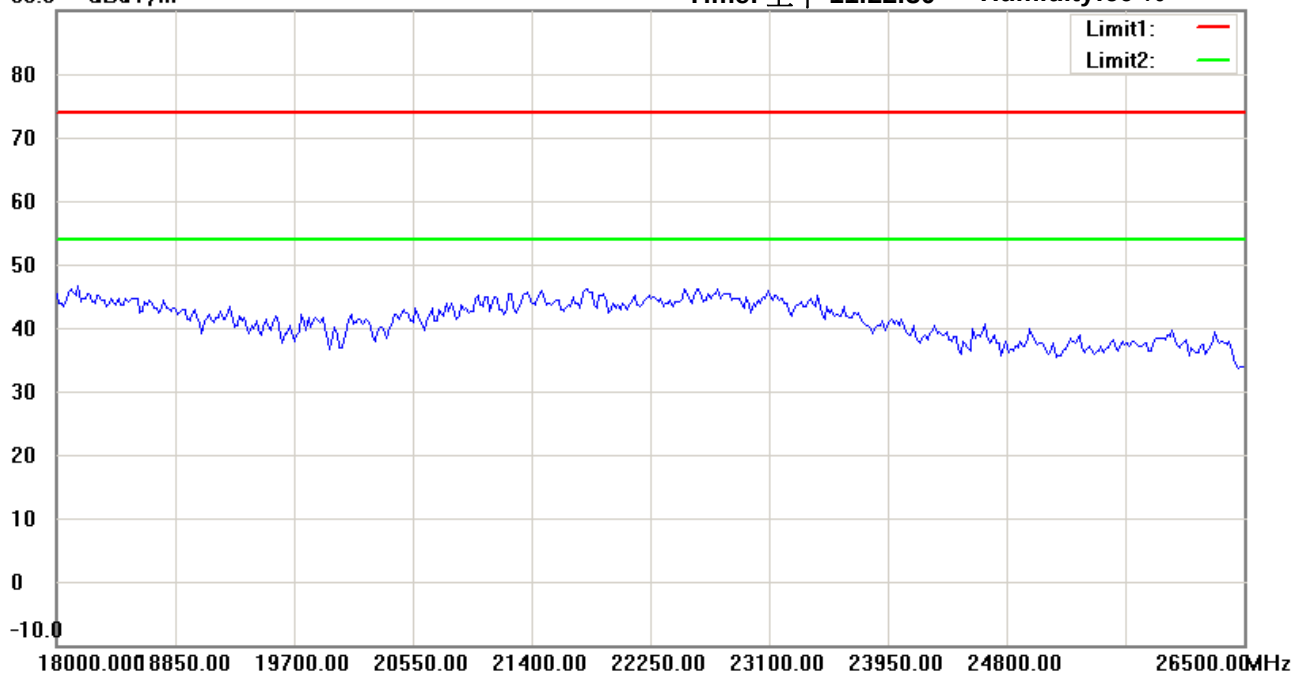
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:22:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :1

Data :#1

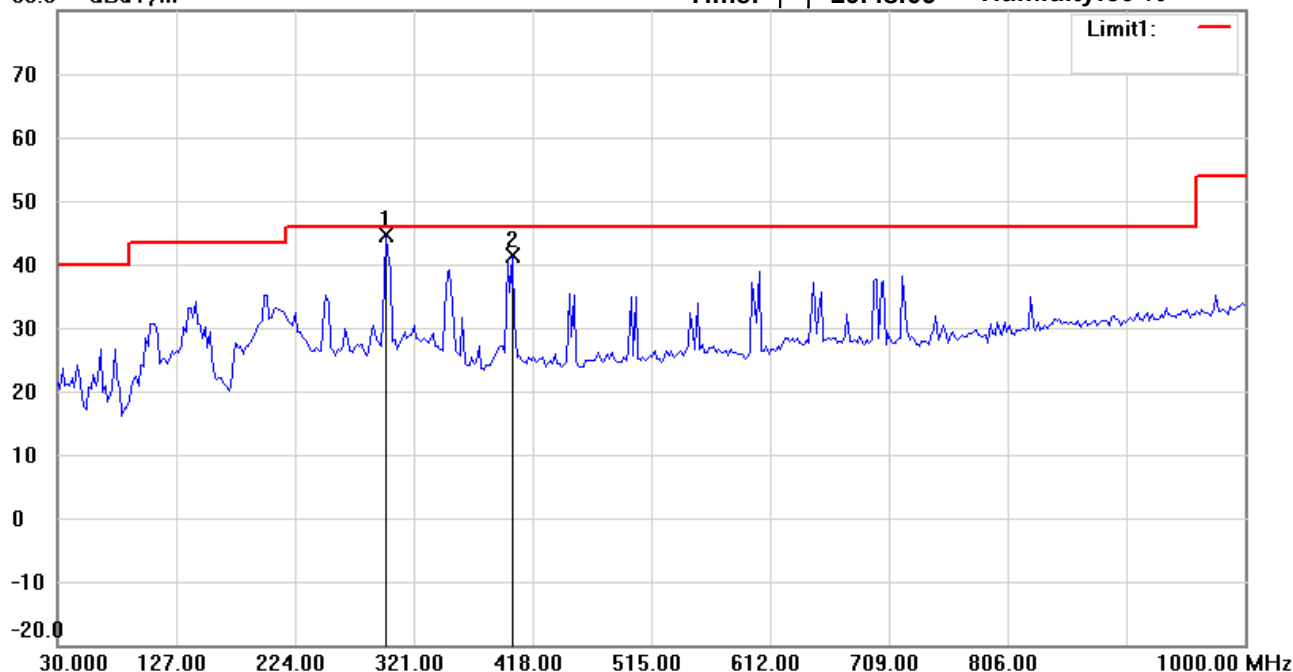
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:48:09

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	50.28	peak	-5.64	44.64	46.00	100	105	-1.36	
	401.2826	45.01	peak	-3.66	41.35	46.00	100	25	-4.65	

*: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 :1

Data :#2

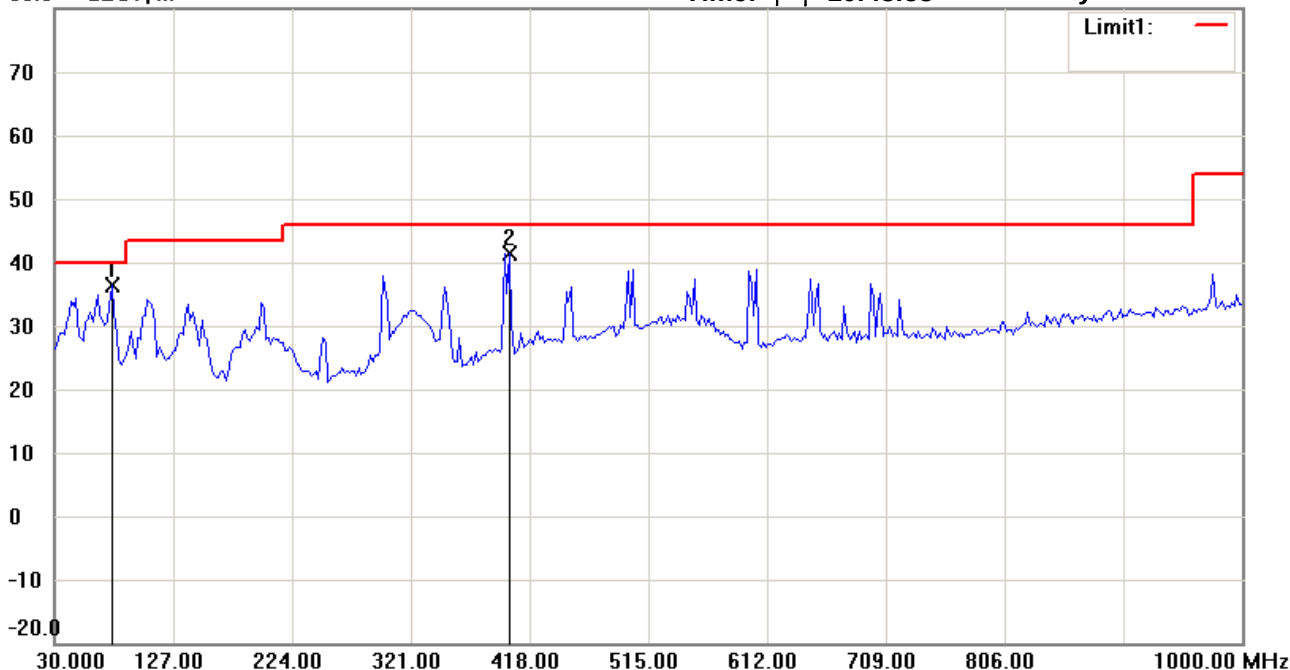
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:48:53

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	76.6533	49.39	peak	-12.97	36.42	40.00	100	35	-3.58	
	401.2826	45.05	peak	-3.66	41.39	46.00	100	155	-4.61	

*: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 :#1

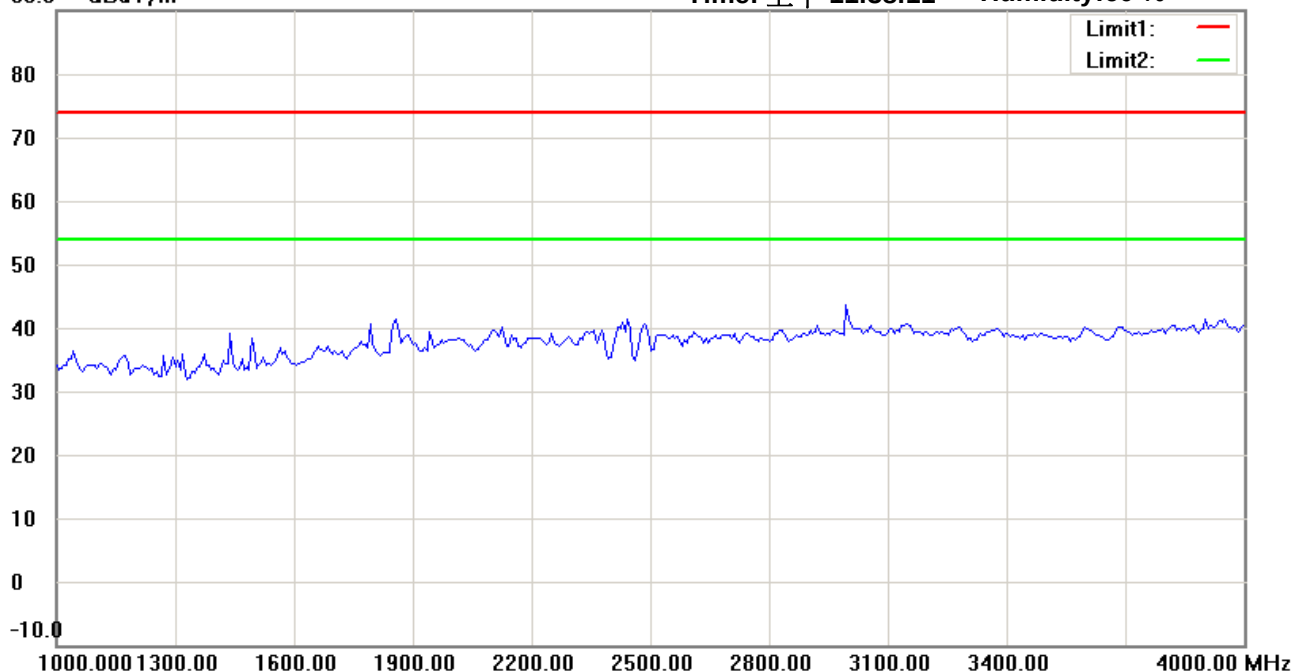
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:38:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

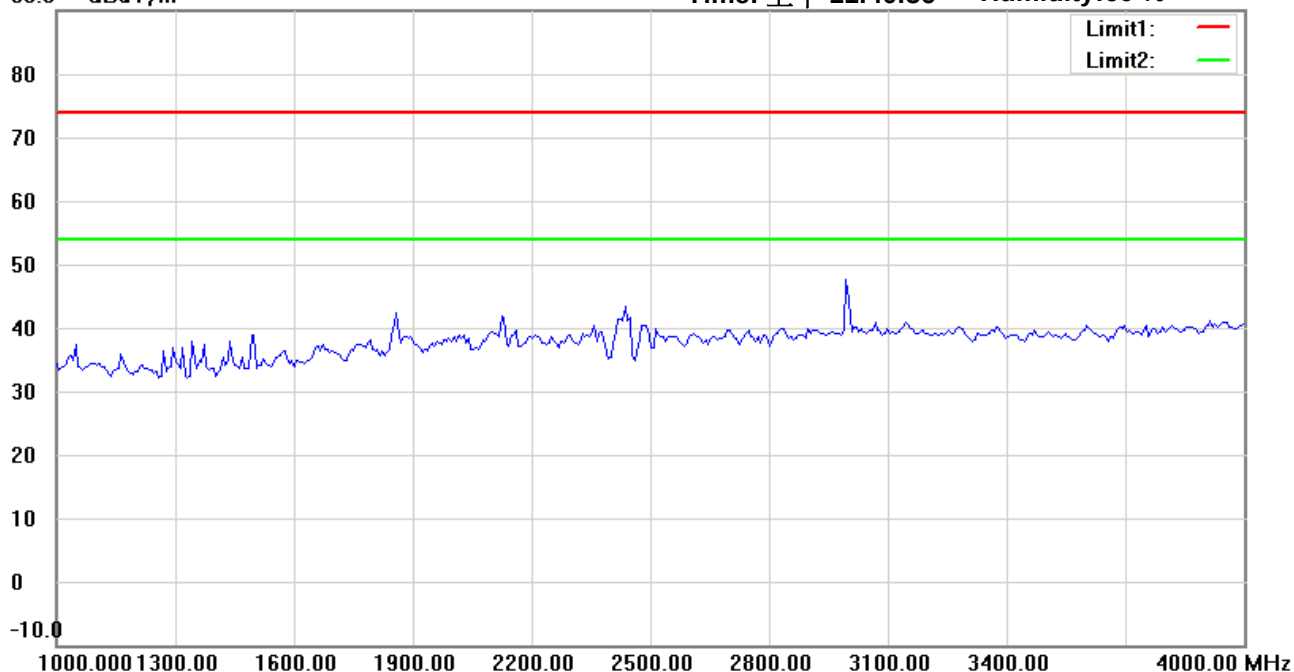
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:40:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#2

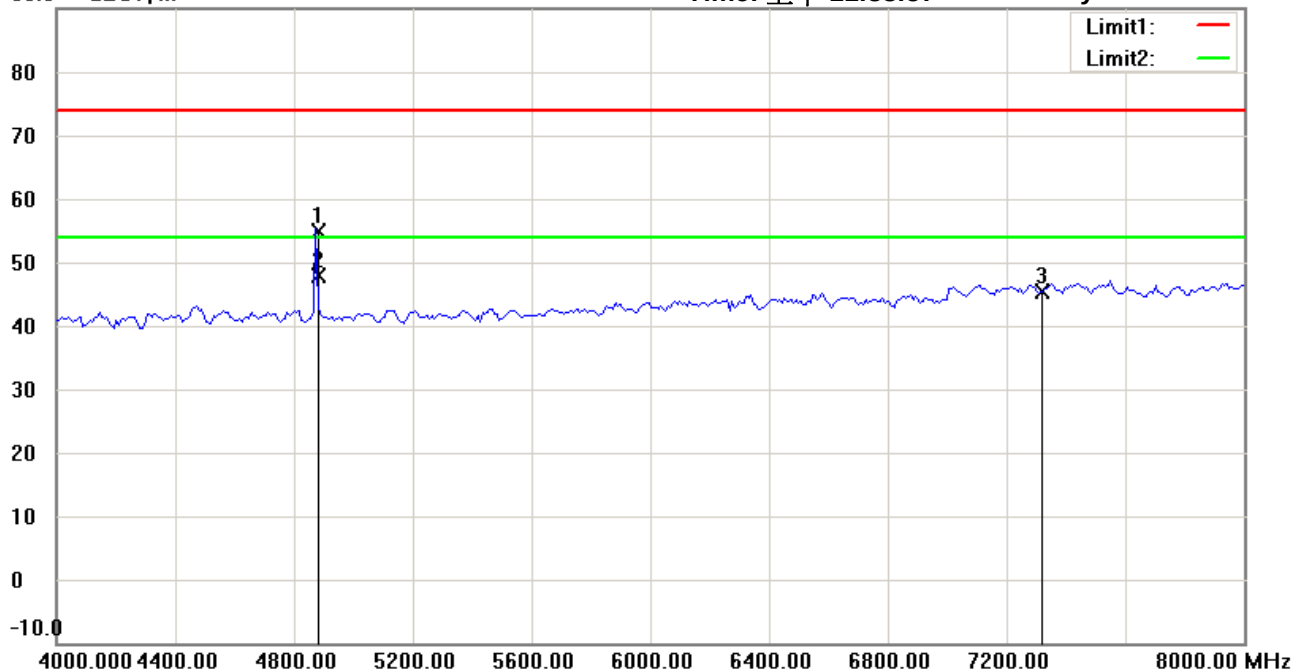
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:38:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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	55.26	peak	-0.50	54.76	74.00	225	175	-19.24	
*	4873.748	48.31	AVG	-0.50	47.81	54.00	225	175	-6.19	
	7311.000	40.96	peak	4.43	45.39	74.00	150	260	-28.61	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

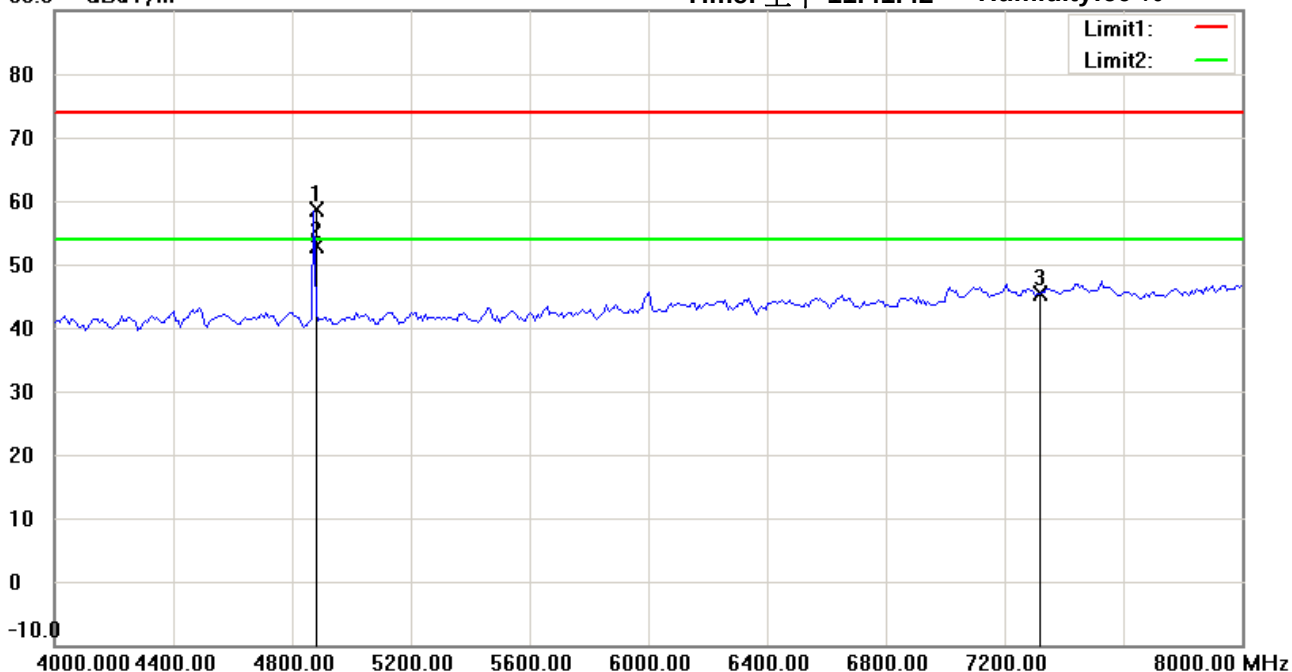
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:41:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	59.14	peak	-0.50	58.64	74.00	150	255	-15.36	
*	4873.748	53.27	AVG	-0.50	52.77	54.00	150	255	-1.23	
	7311.000	41.04	peak	4.43	45.47	74.00	150	160	-28.53	

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

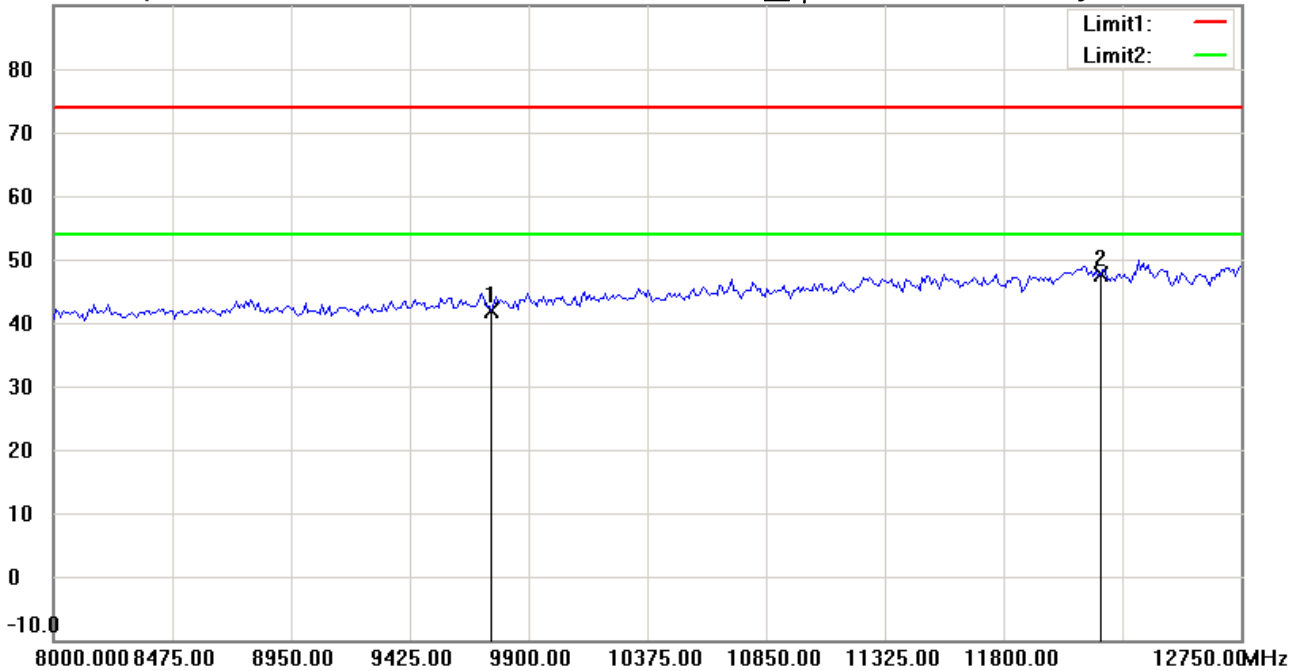
Date: 2016/9/23

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 11:39:48

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	34.49	peak	7.49	41.98	74.00	150	95	-32.02	
*	12185.000	33.79	peak	13.82	47.61	74.00	150	70	-26.39	

*: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

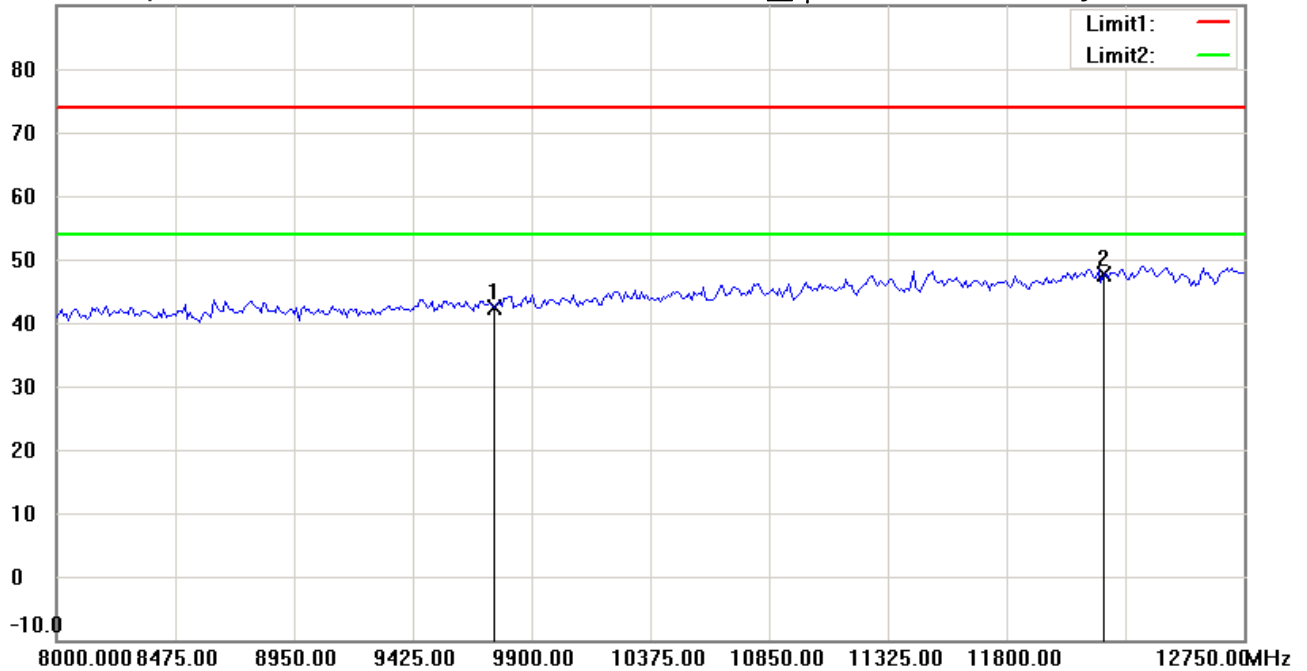
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:42:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.01	peak	7.49	42.50	74.00	150	145	-31.50	
*	12185.000	33.77	peak	13.82	47.59	74.00	150	130	-26.41	

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



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

Operator: Leon

File :3

Data :#4

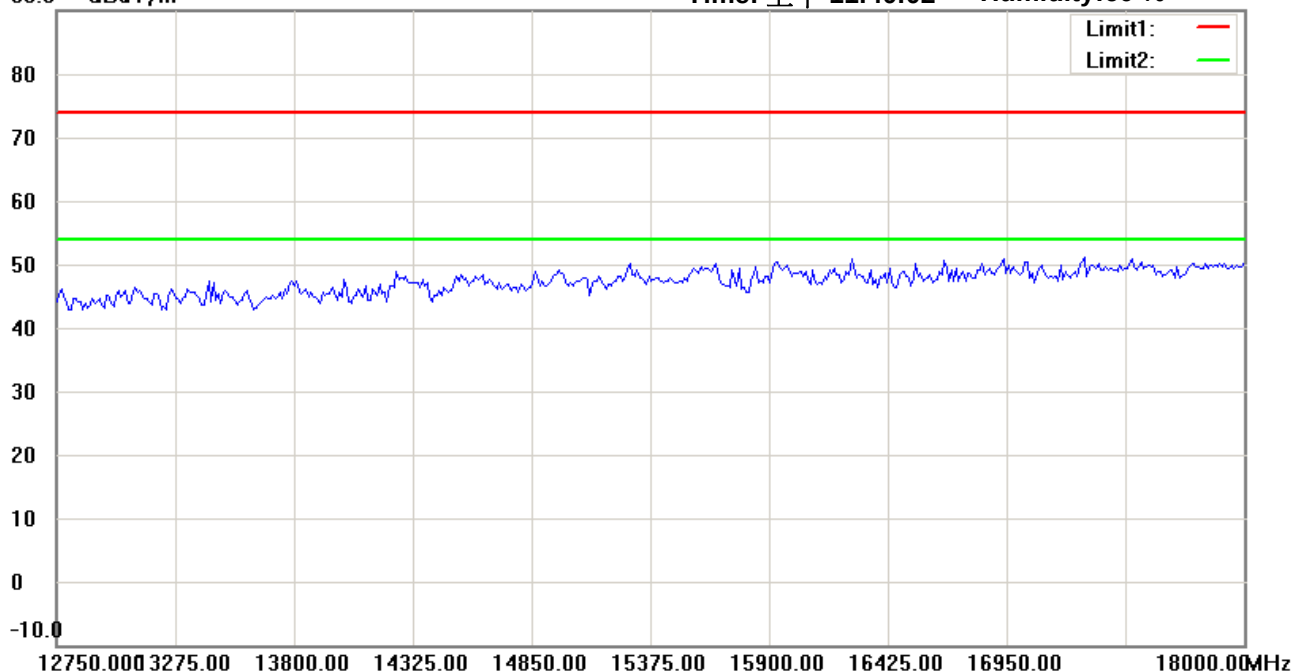
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:40:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Horizontal

Power : 48 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#9

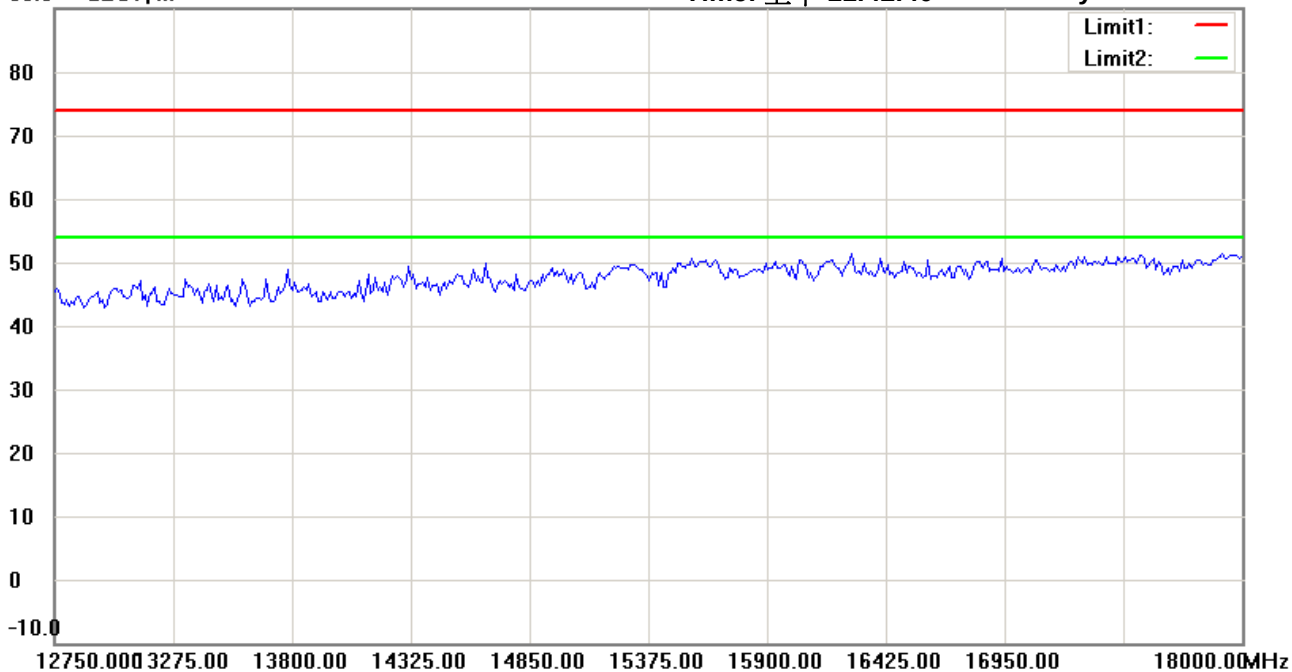
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:42:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#5

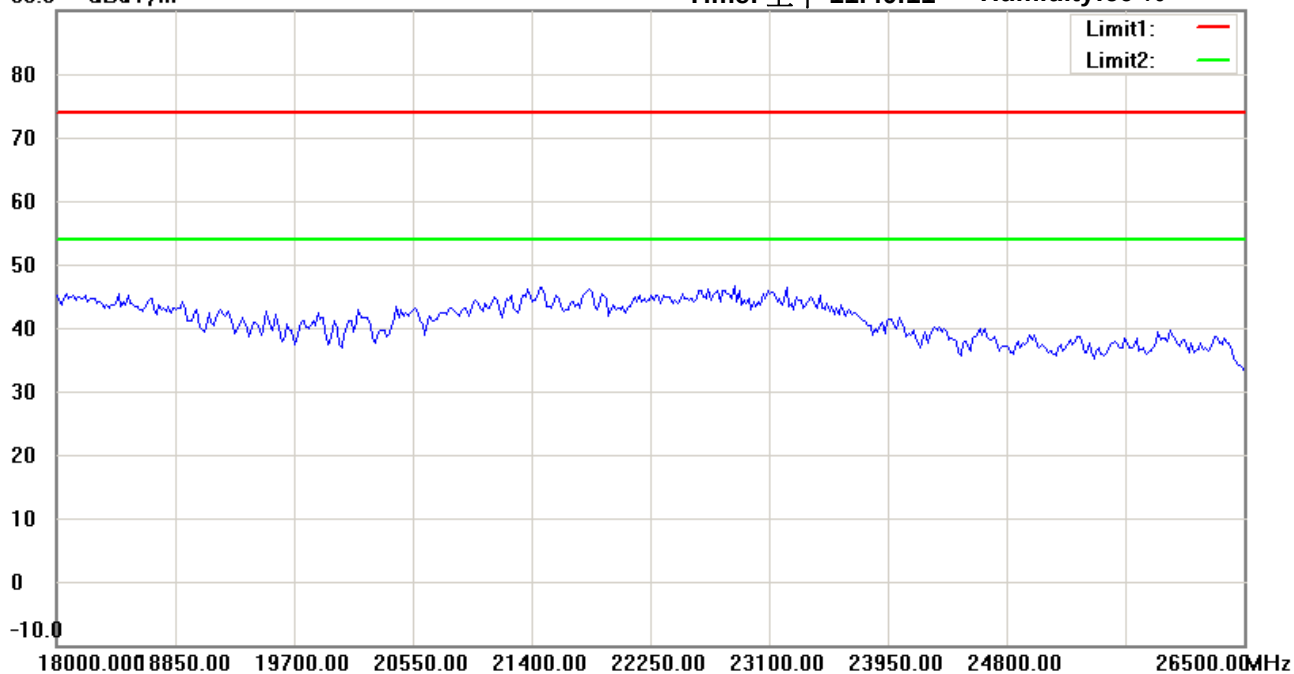
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:40:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#10

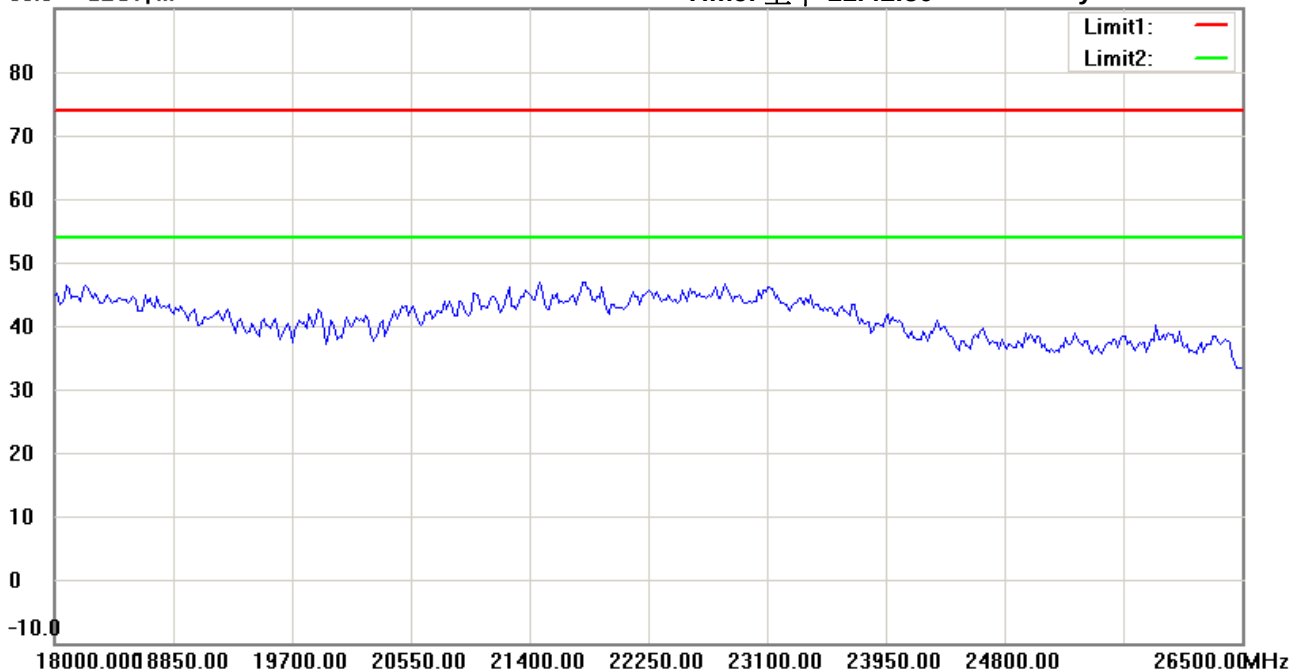
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:42:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :1

Data :#1

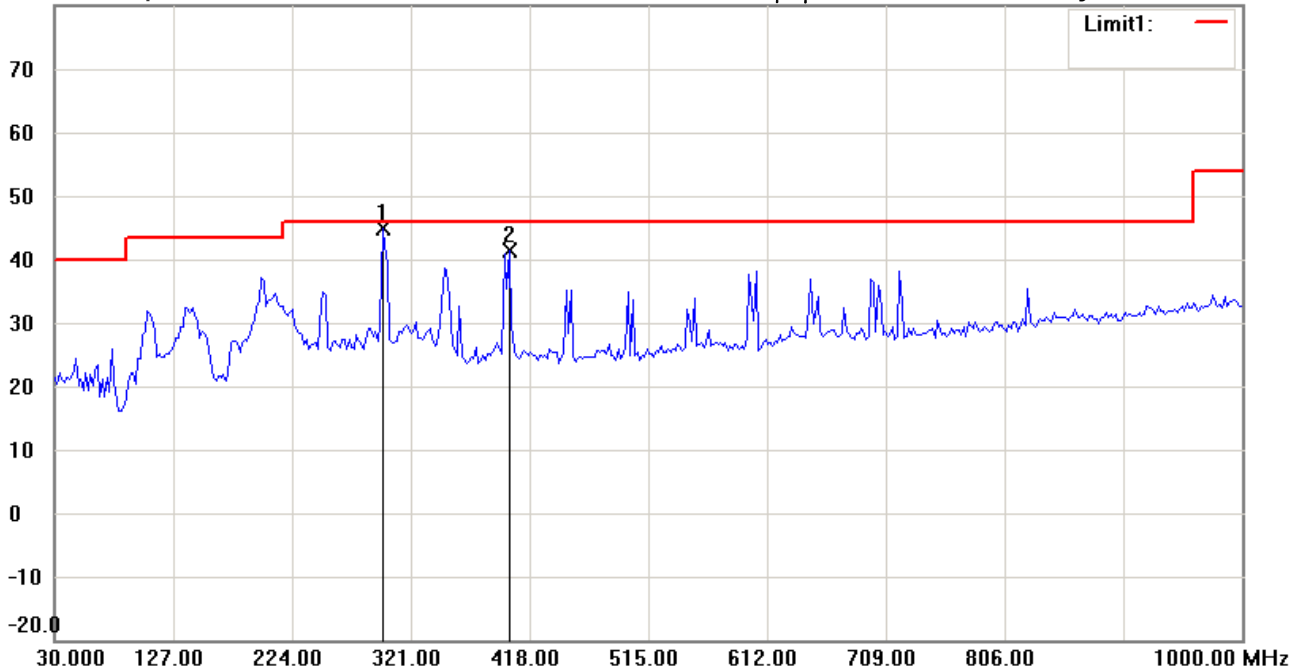
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:50:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	50.40	peak	-5.64	44.76	46.00	100	200	-1.24	
	401.2826	45.14	peak	-3.66	41.48	46.00	100	55	-4.52	

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



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

Operator: Roy

File :1

Data :#2

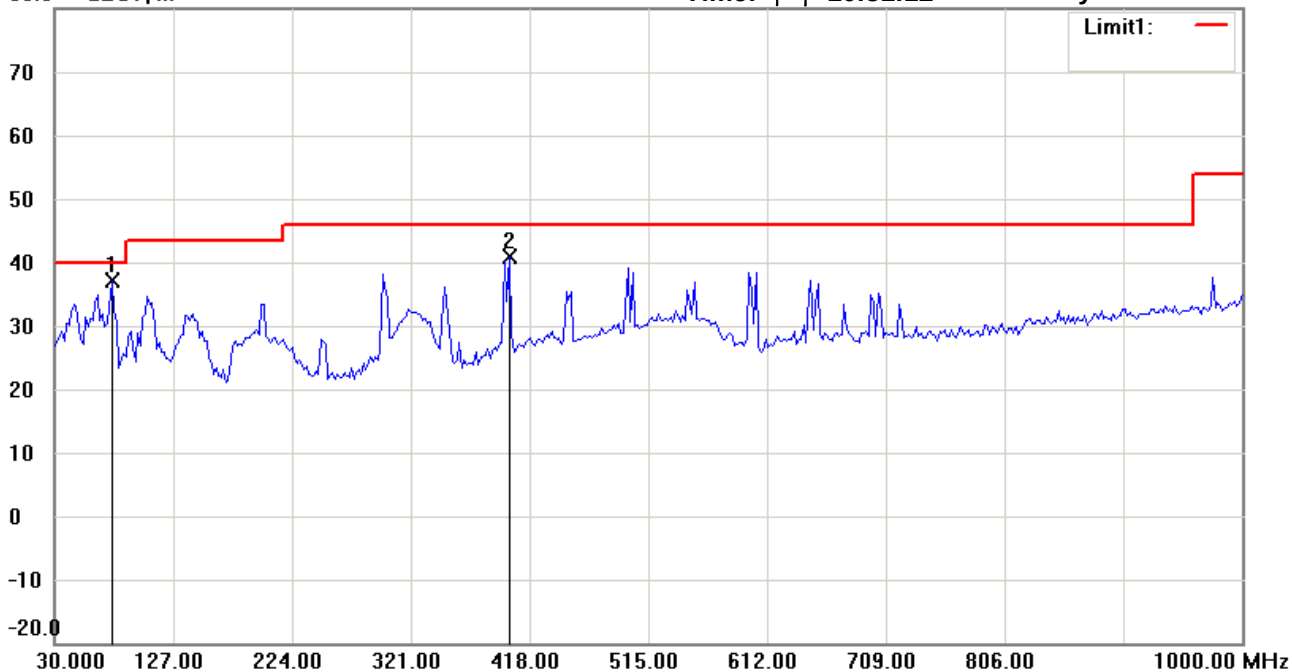
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:51:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	76.6533	50.09	peak	-12.97	37.12	40.00	100	180	-2.88	
	401.2826	44.58	peak	-3.66	40.92	46.00	100	65	-5.08	

*: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

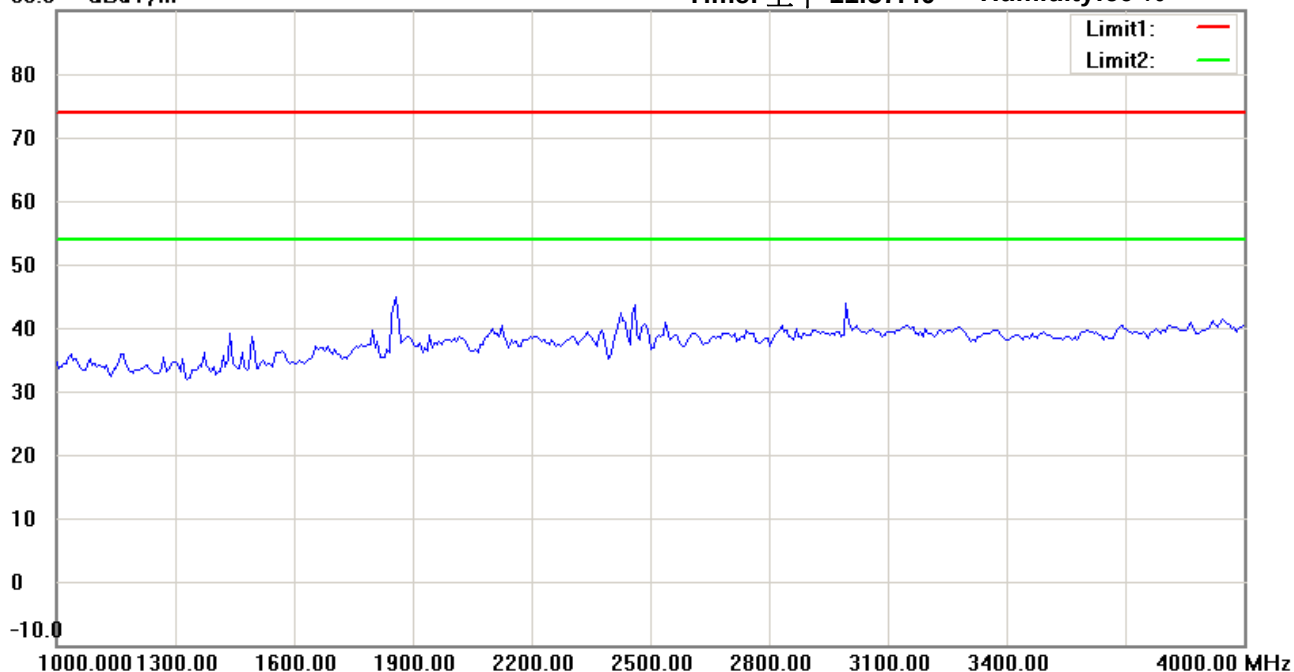
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:57:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#6

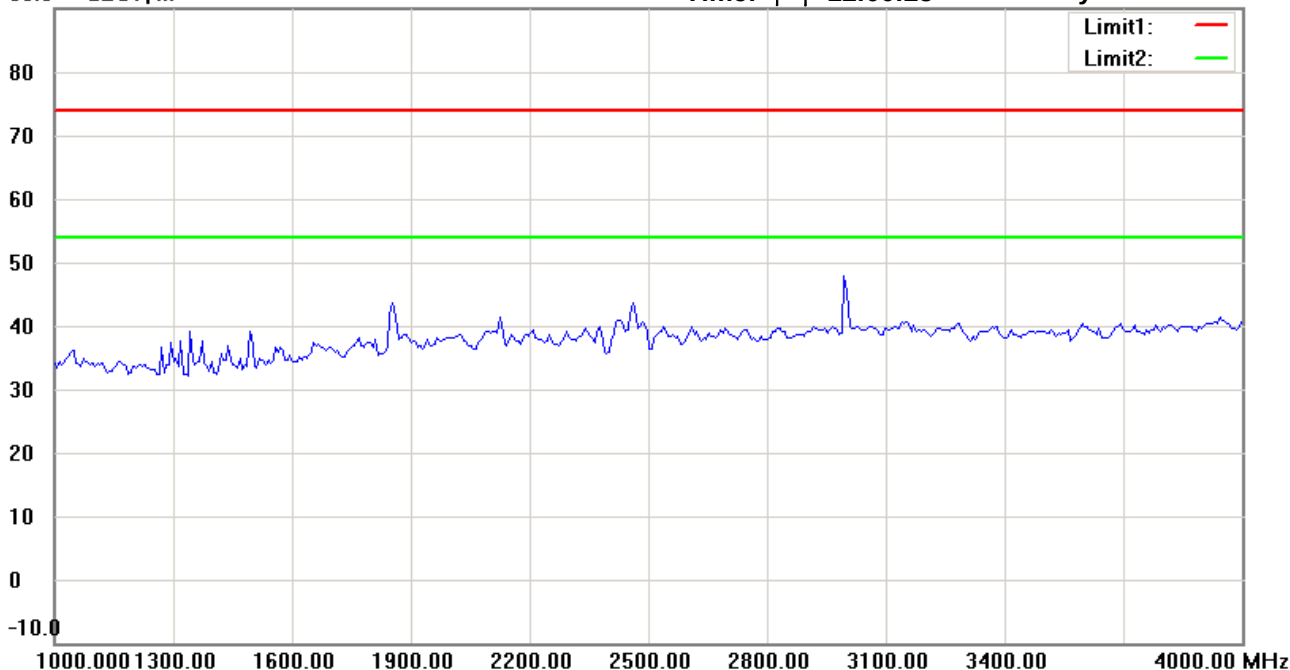
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:00:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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: Leon

File :3

Data :#2

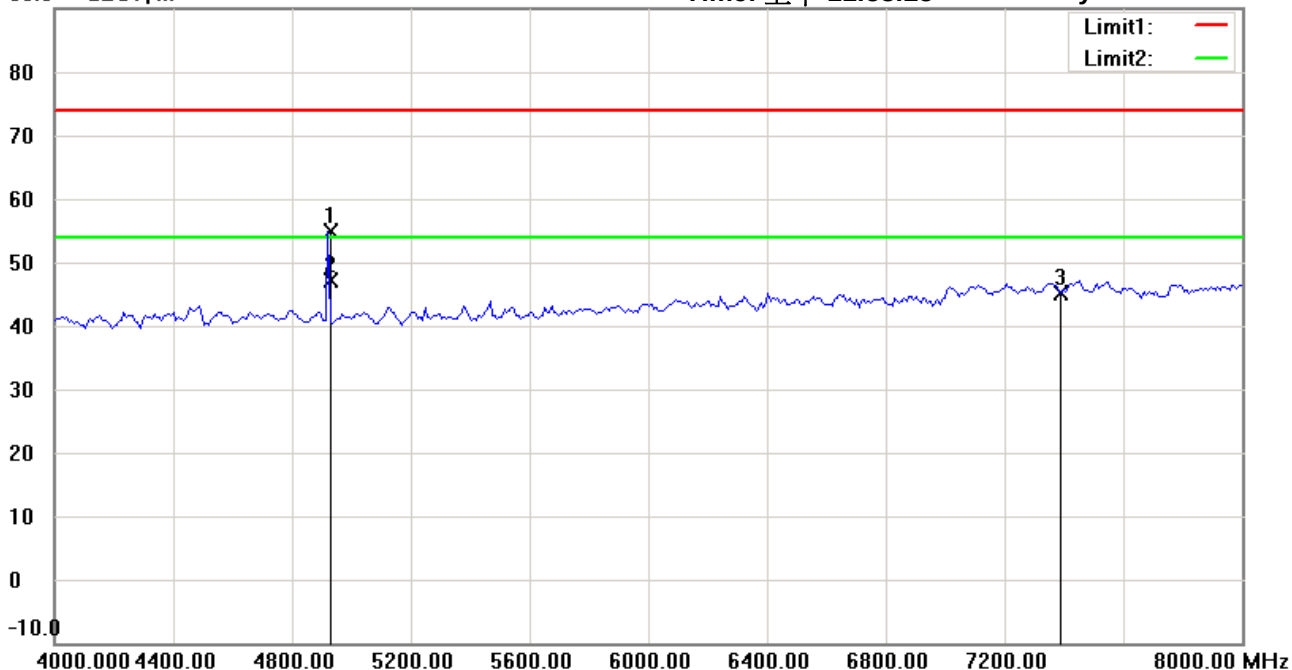
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:58:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	55.20	peak	-0.34	54.86	74.00	240	195	-19.14	
*	4921.844	47.39	AVG	-0.34	47.05	54.00	240	195	-6.95	
	7386.000	40.32	peak	4.93	45.25	74.00	150	270	-28.75	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

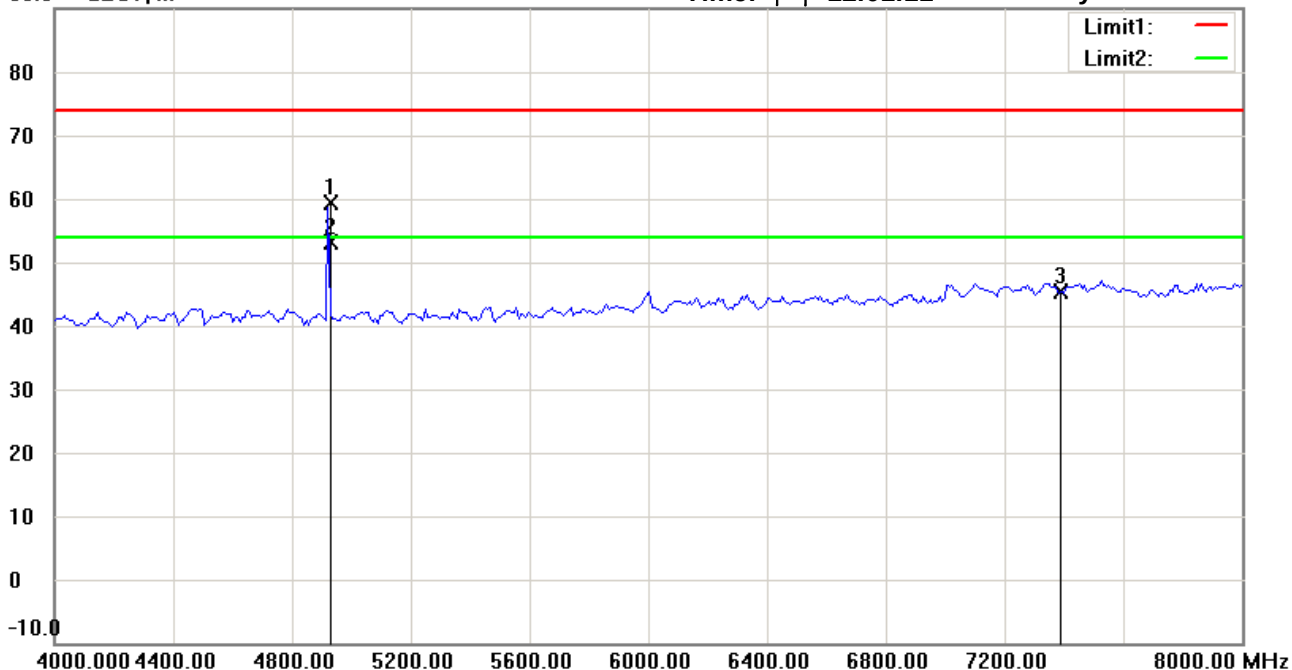
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:01:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	59.70	peak	-0.34	59.36	74.00	155	235	-14.64	
*	4921.844	53.41	AVG	-0.34	53.07	54.00	155	235	-0.93	
	7386.000	40.50	peak	4.93	45.43	74.00	150	160	-28.57	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

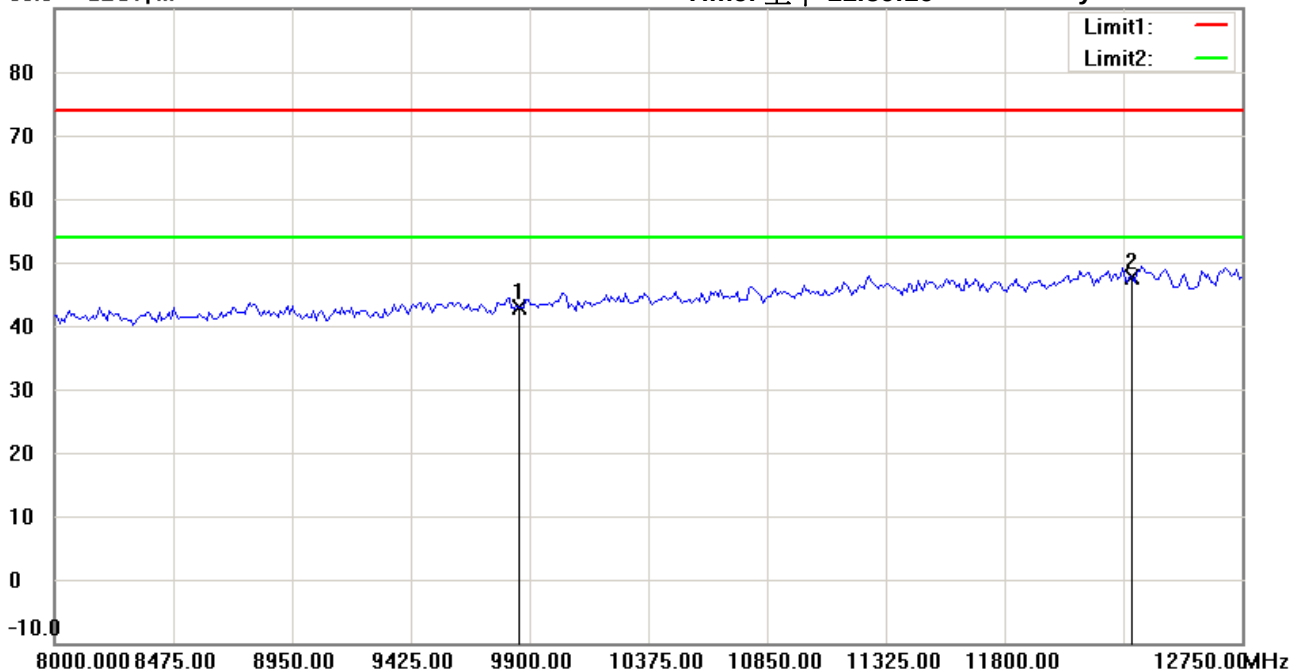
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:59:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.30	peak	7.68	42.98	74.00	150	75	-31.02	
*	12310.000	34.37	peak	13.25	47.62	74.00	150	90	-26.38	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

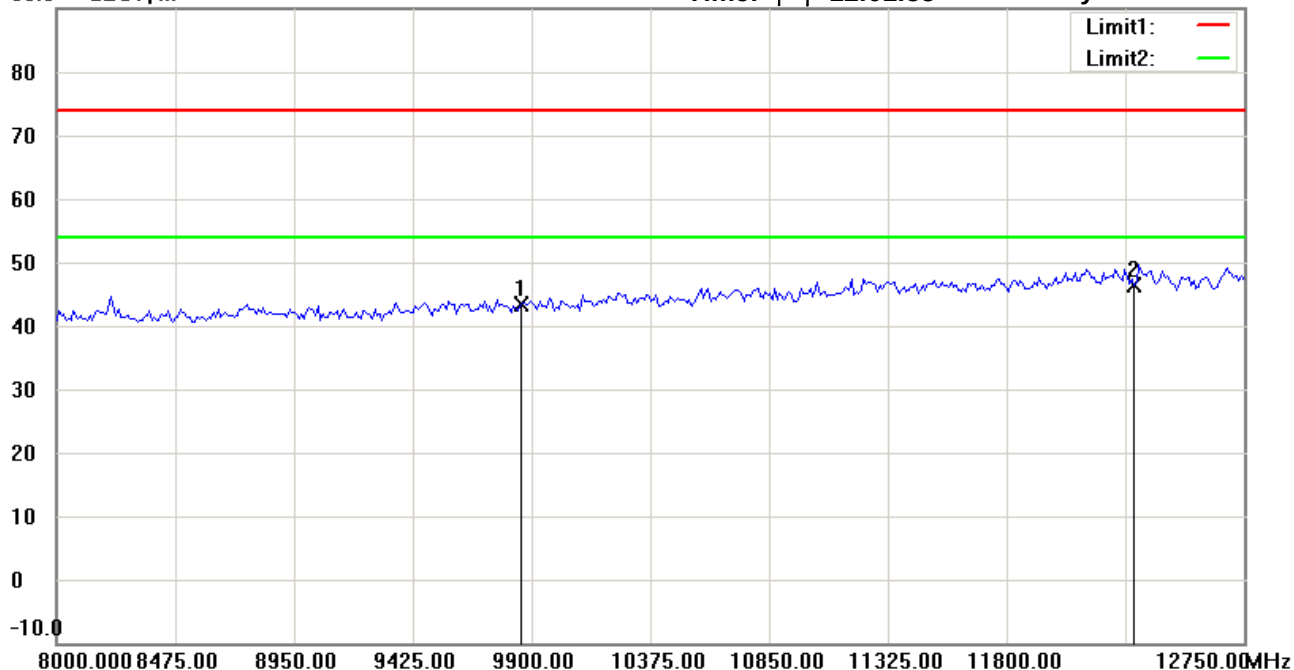
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:01:55

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.78	peak	7.68	43.46	74.00	150	175	-30.54	
*	12310.000	33.13	peak	13.25	46.38	74.00	150	40	-27.62	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

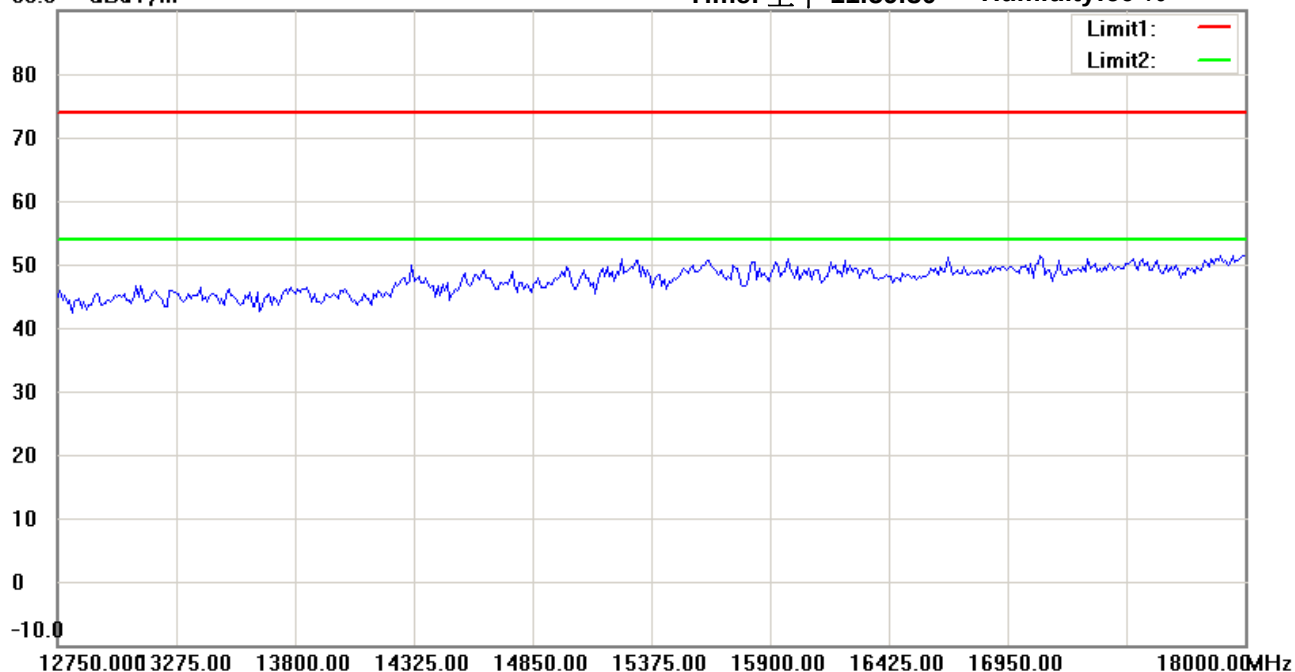
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:59:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Horizontal

Power : 48 Vd.c.

Distance: 3m

Mk.	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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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

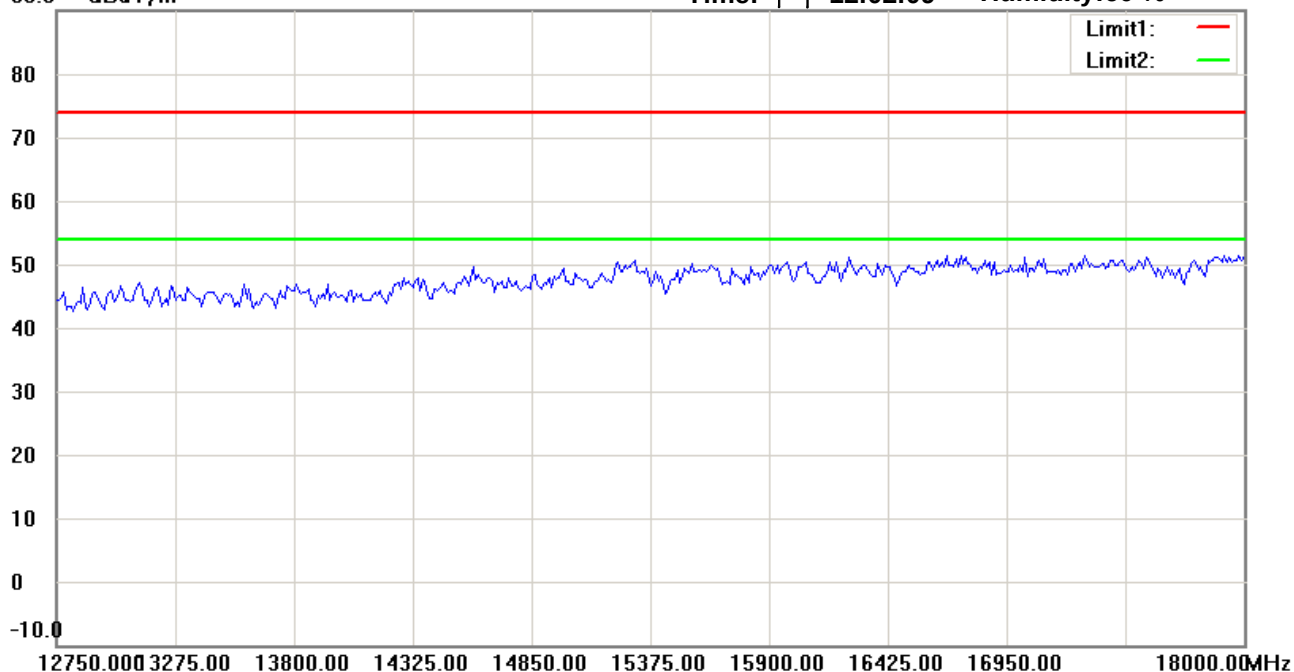
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:02:09

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#5

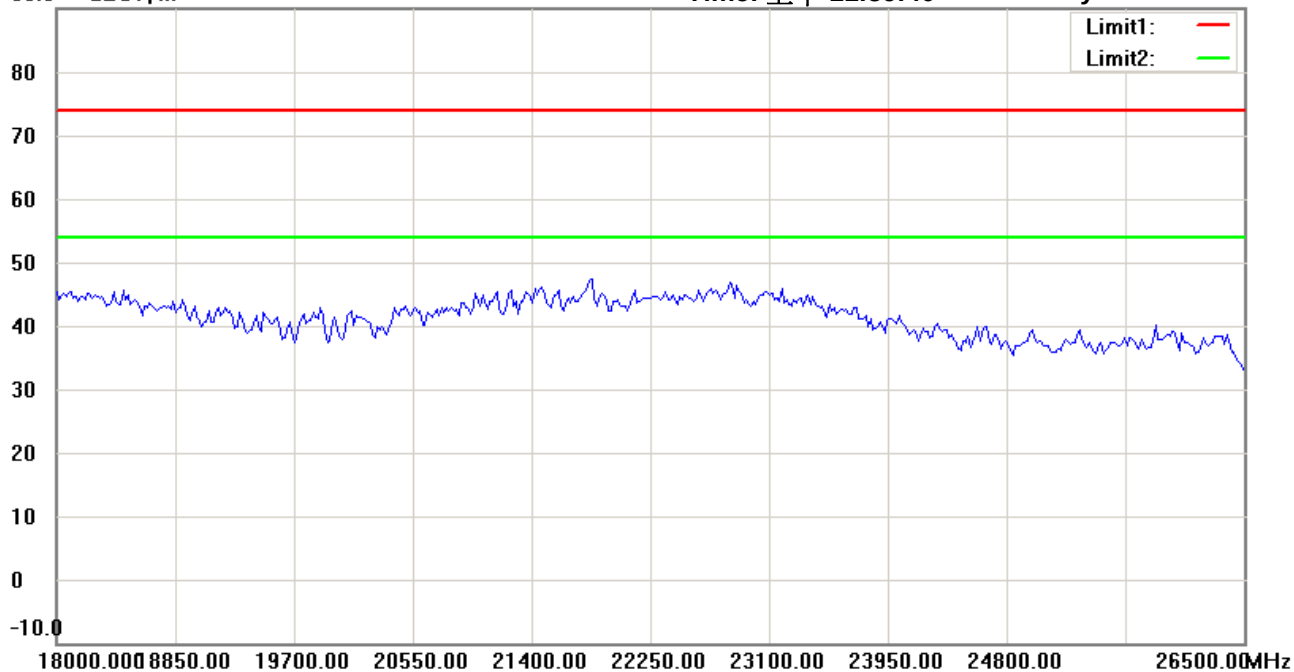
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 上午 11:59:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#10

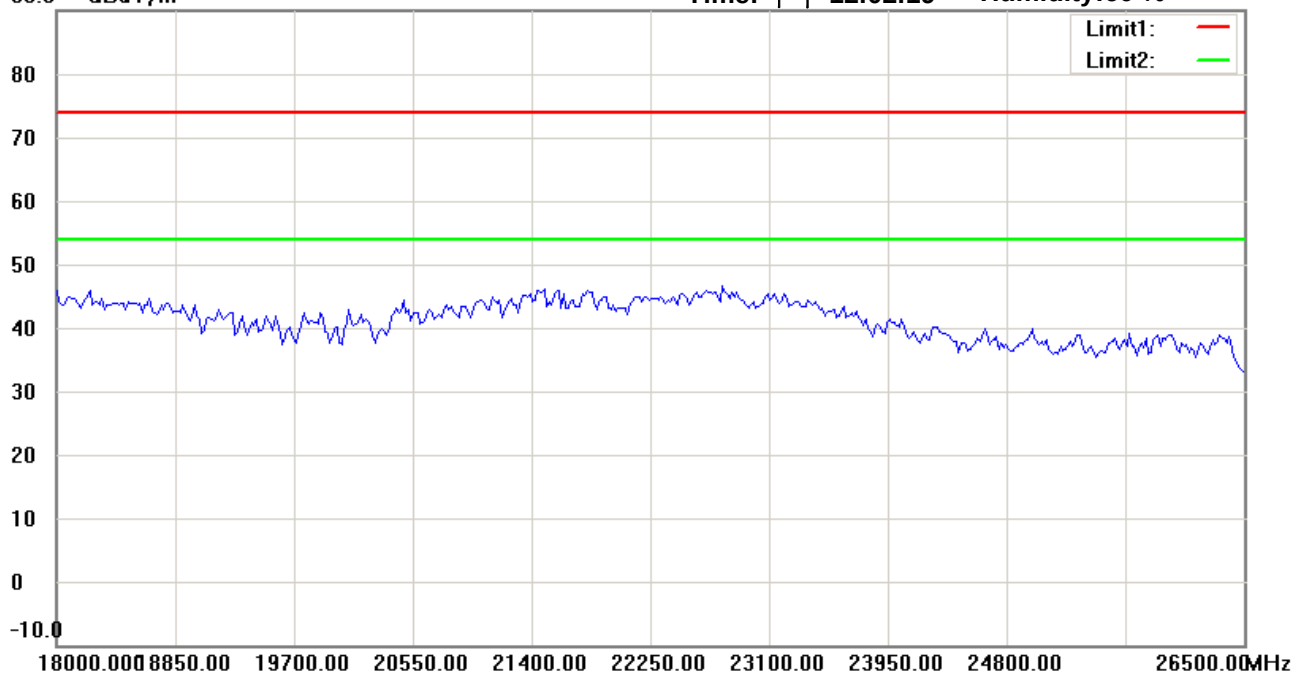
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:02:19

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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: Roy

File :1

Data :#1

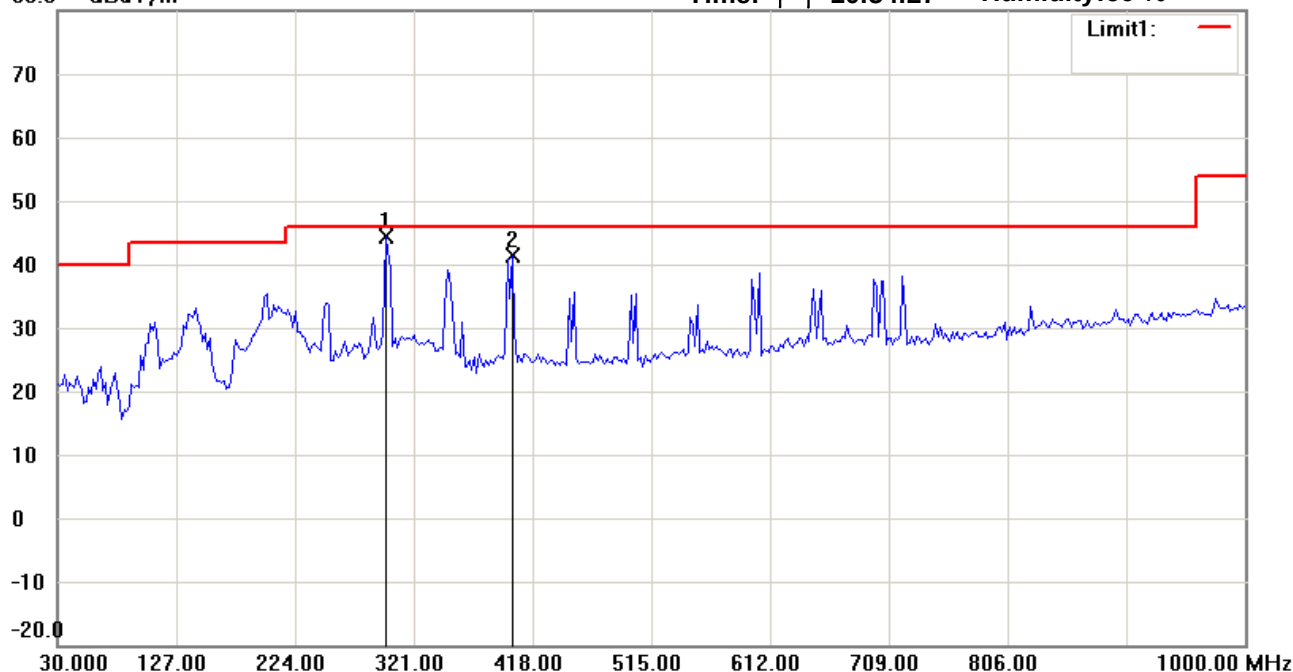
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:54:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	50.06	peak	-5.64	44.42	46.00	100	300	-1.58	
	401.2826	45.14	peak	-3.66	41.48	46.00	100	90	-4.52	



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

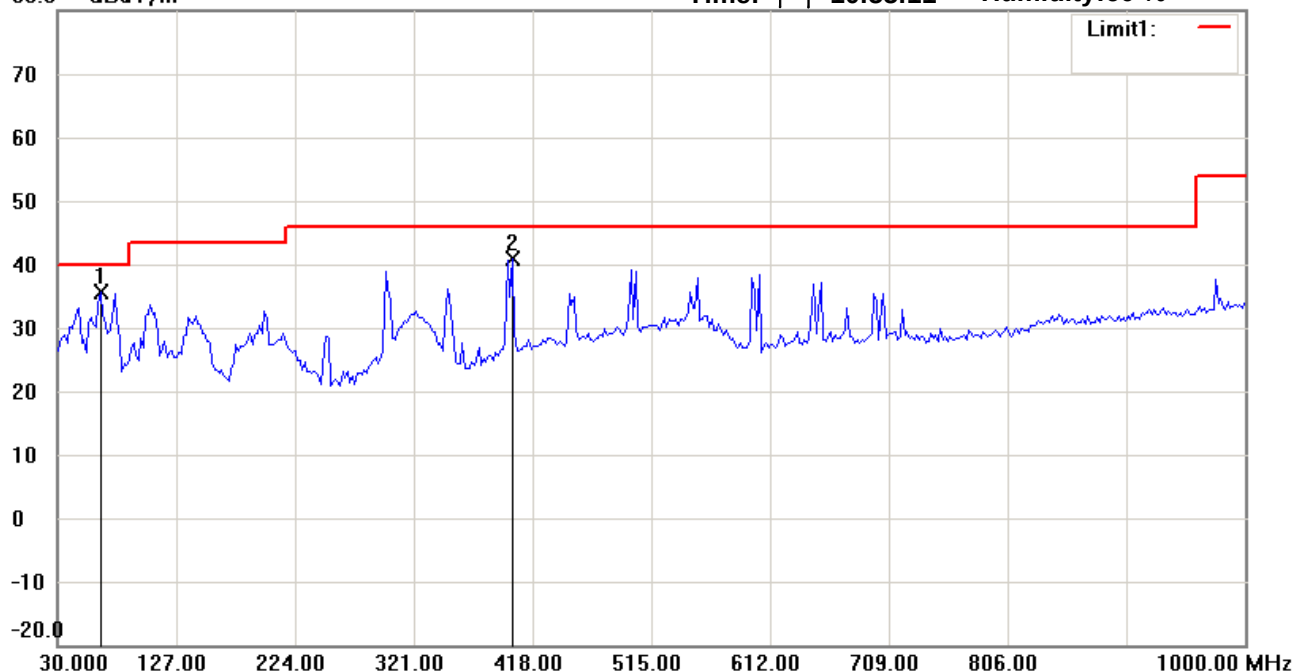
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:55:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	64.9900	48.32	peak	-12.57	35.75	40.00	100	80	-4.25	
	401.2826	44.57	peak	-3.66	40.91	46.00	100	215	-5.09	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

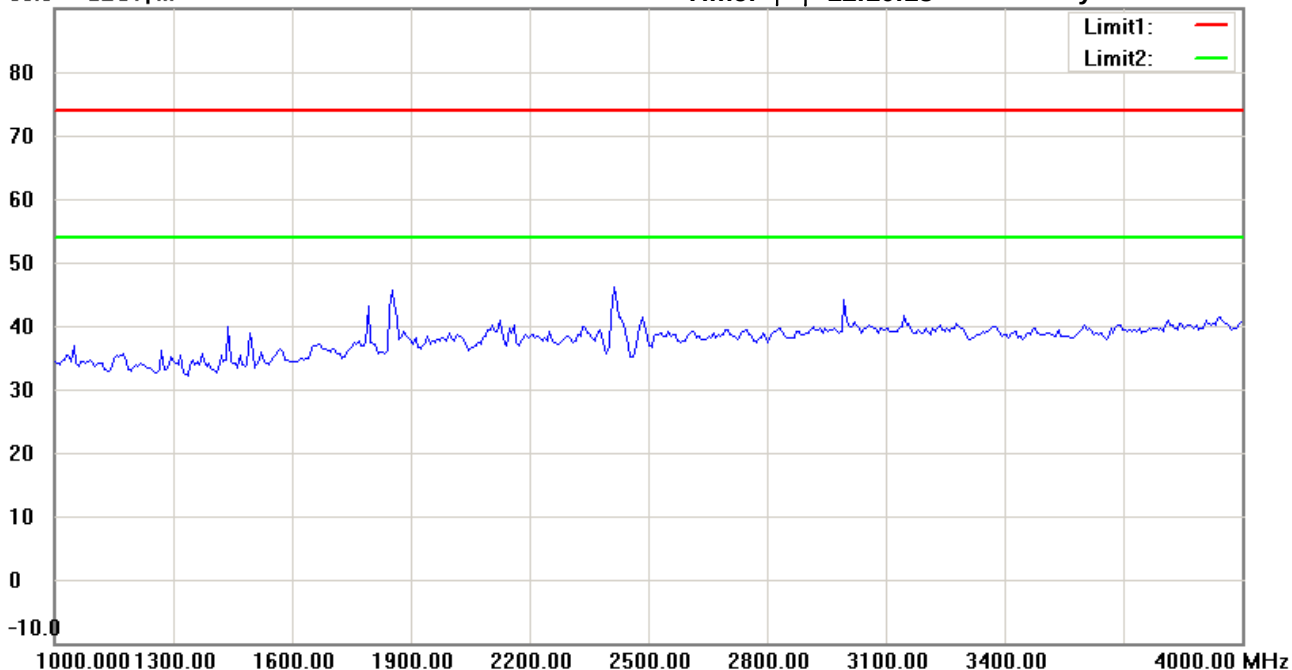
Date: 2016/9/23

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 12:10:13

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#6

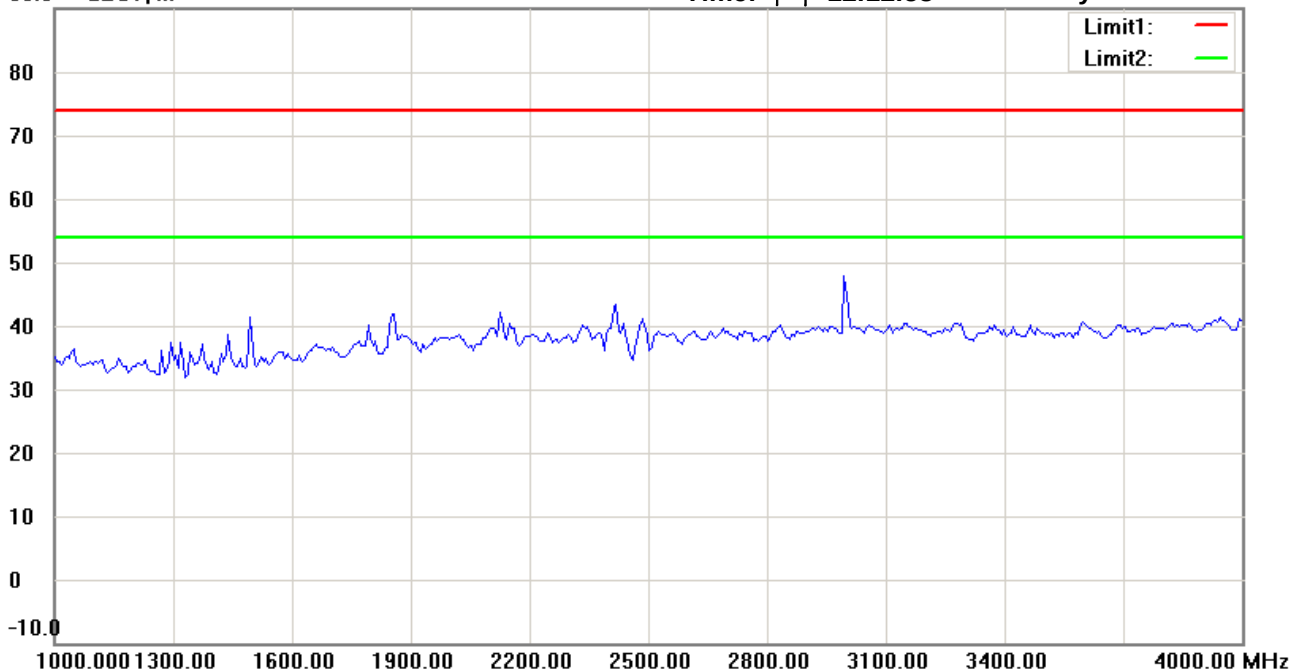
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:12:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 : #2

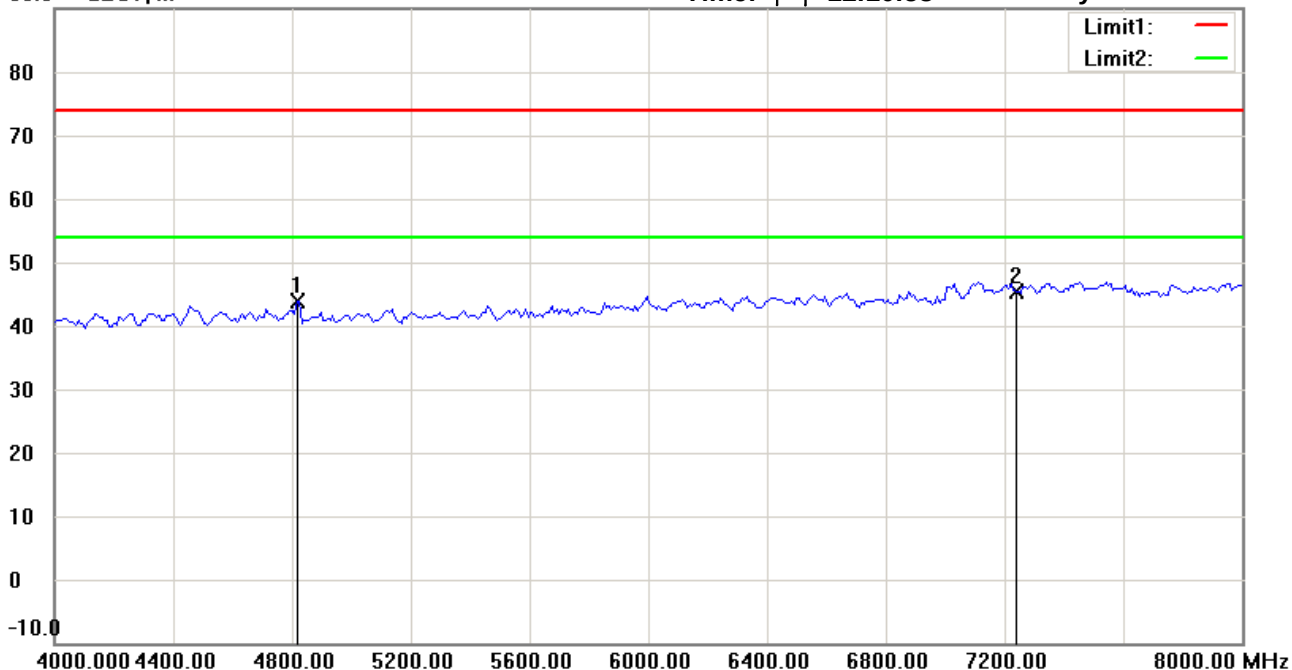
Date: 2016/9/23

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 12:10:58

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4817.635	44.53	peak	-0.58	43.95	74.00	150	90	-30.05	
*	7236.000	41.17	peak	4.29	45.46	74.00	150	150	-28.54	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

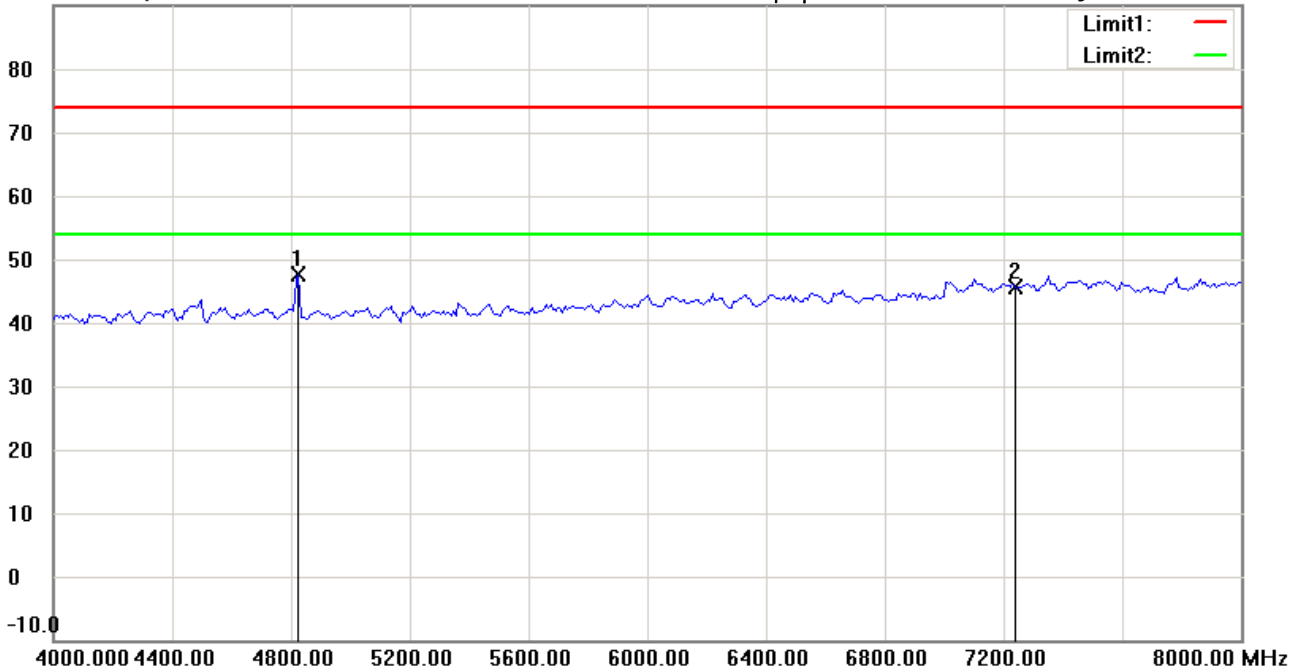
Date: 2016/9/23

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 12:13:44

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4825.651	48.29	peak	-0.56	47.73	74.00	150	230	-26.27	
	7236.000	41.46	peak	4.29	45.75	74.00	150	95	-28.25	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

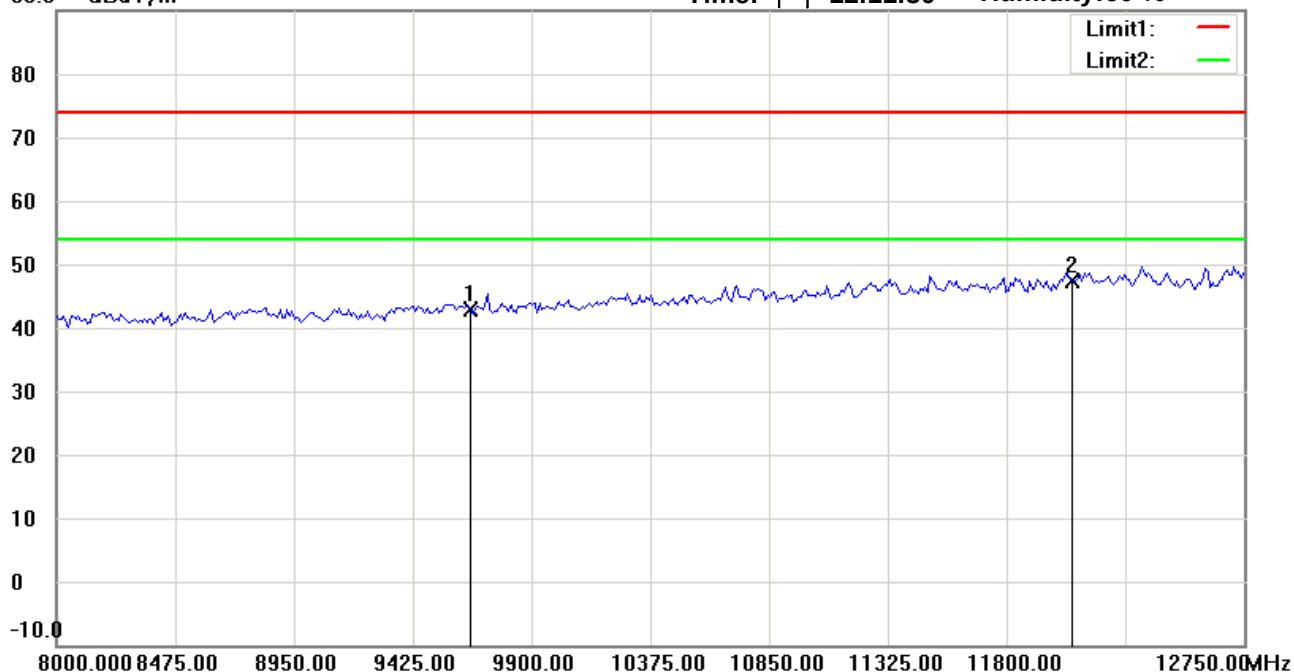
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:11:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.38	peak	7.51	42.89	74.00	150	80	-31.11	
*	12060.000	34.30	peak	13.18	47.48	74.00	150	170	-26.52	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

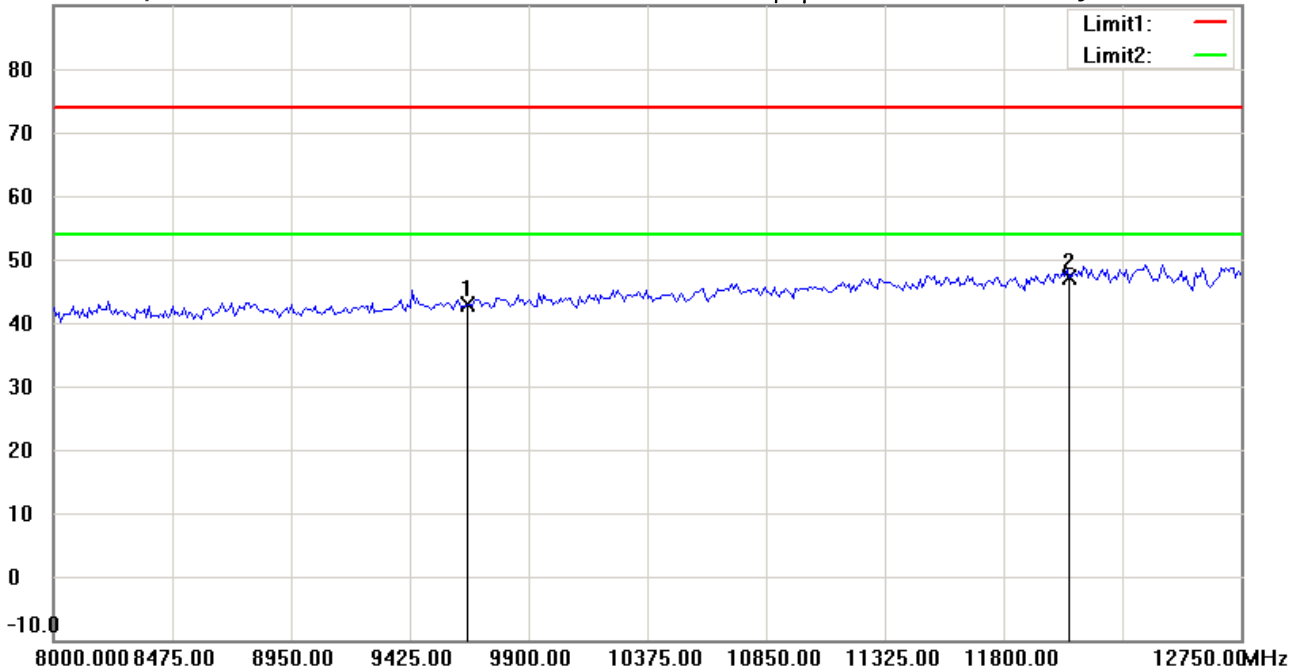
Date: 2016/9/23

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 12:14:28

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.41	peak	7.51	42.92	74.00	150	145	-31.08	
*	12060.000	34.05	peak	13.18	47.23	74.00	150	160	-26.77	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

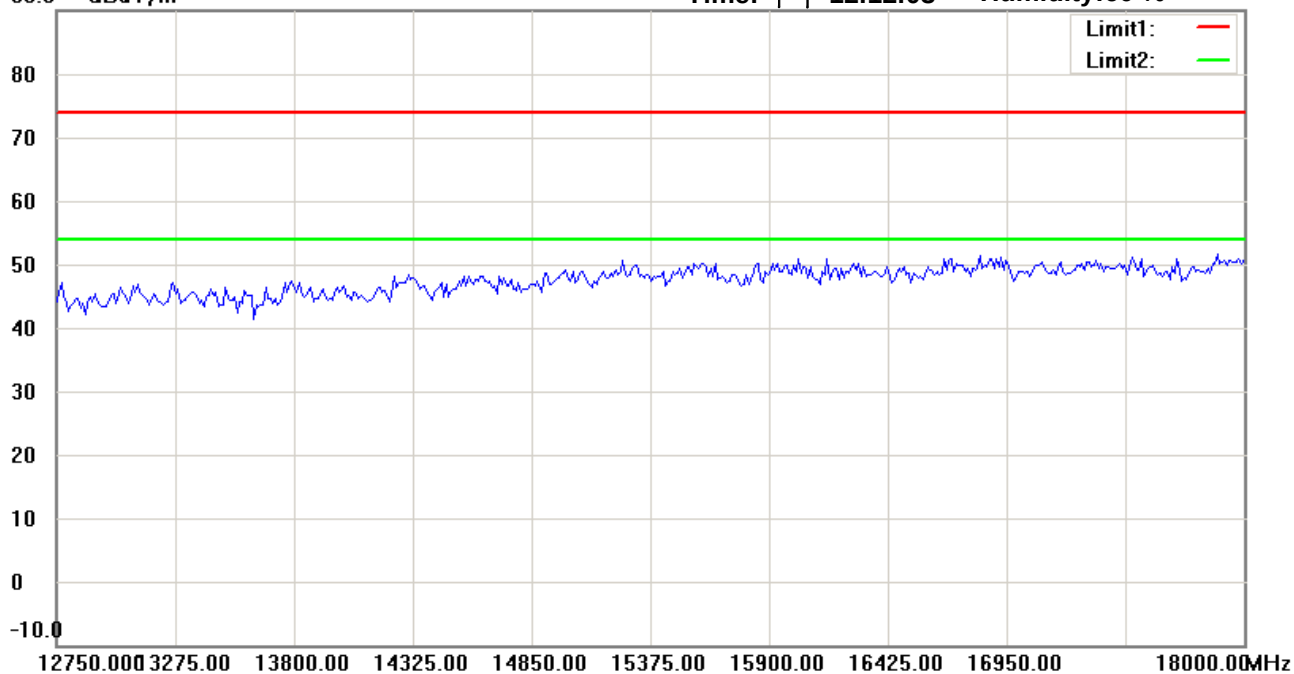
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:12:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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

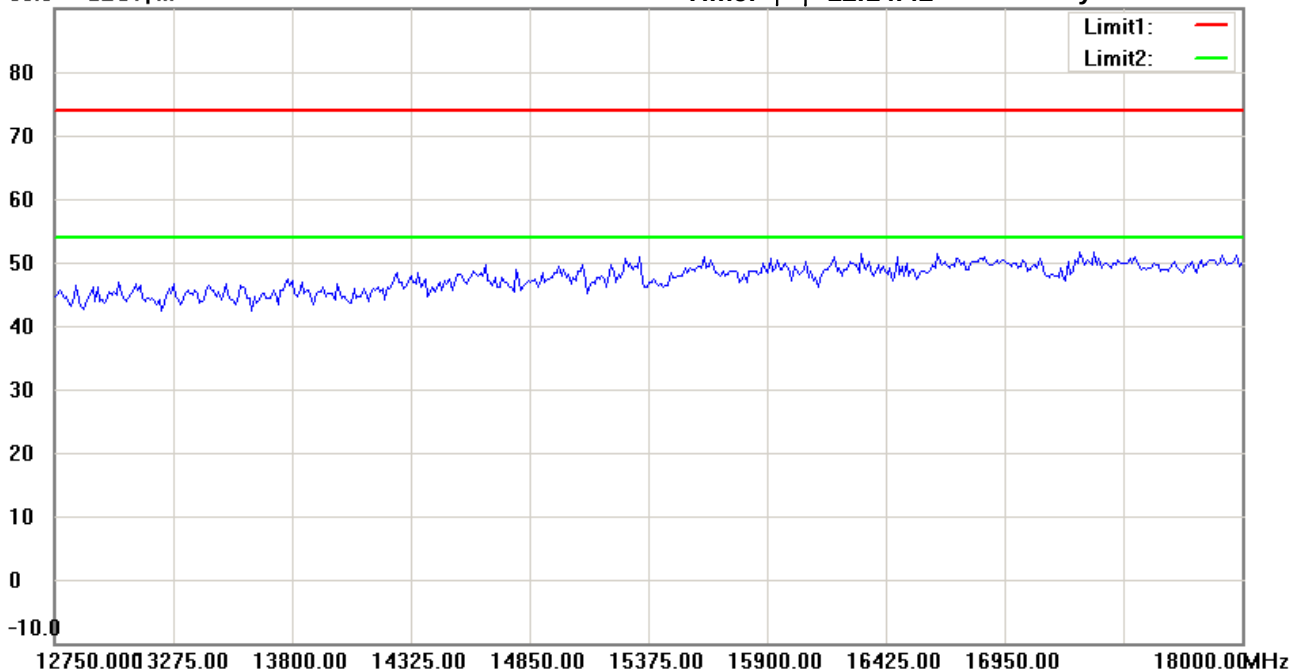
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:14:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#5

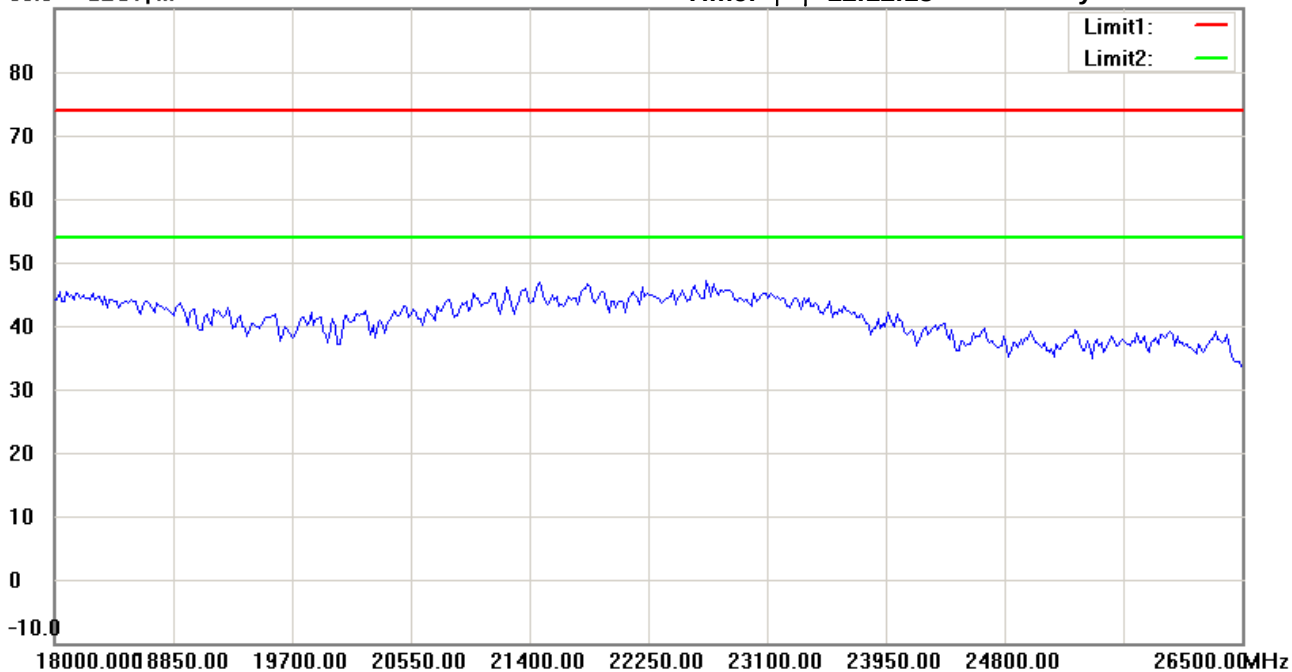
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:12:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

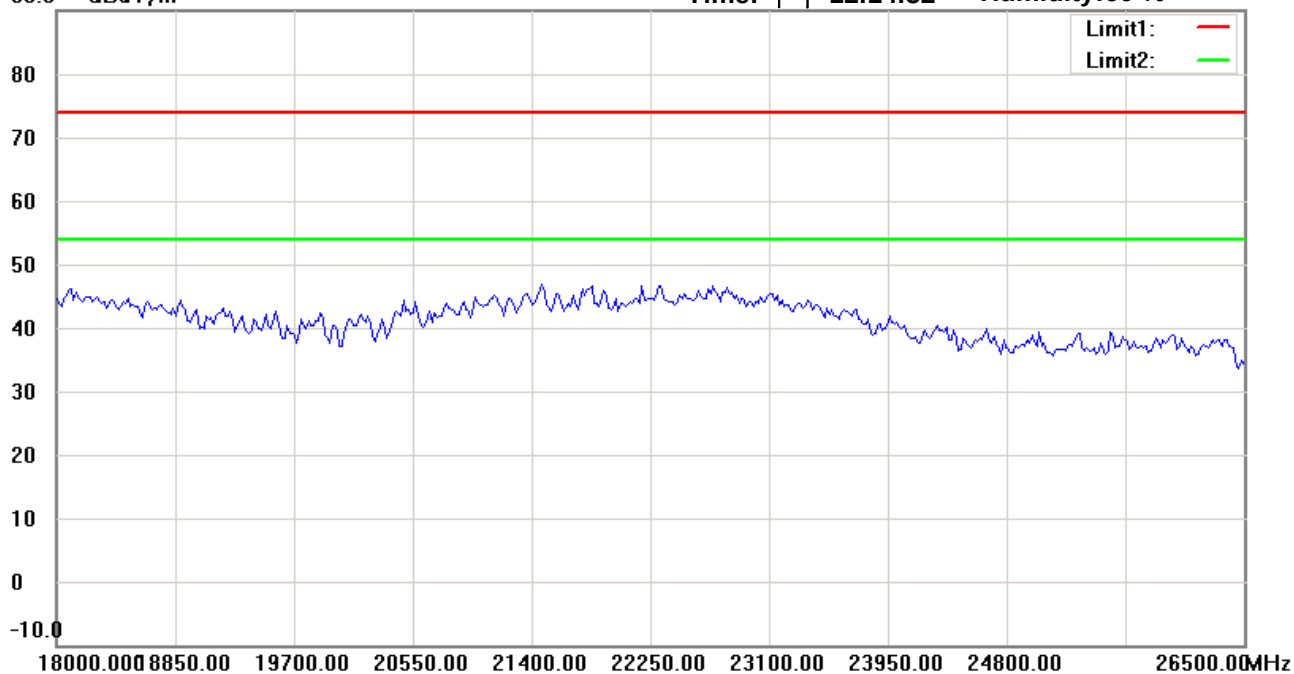
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:14:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :1

Data :#1

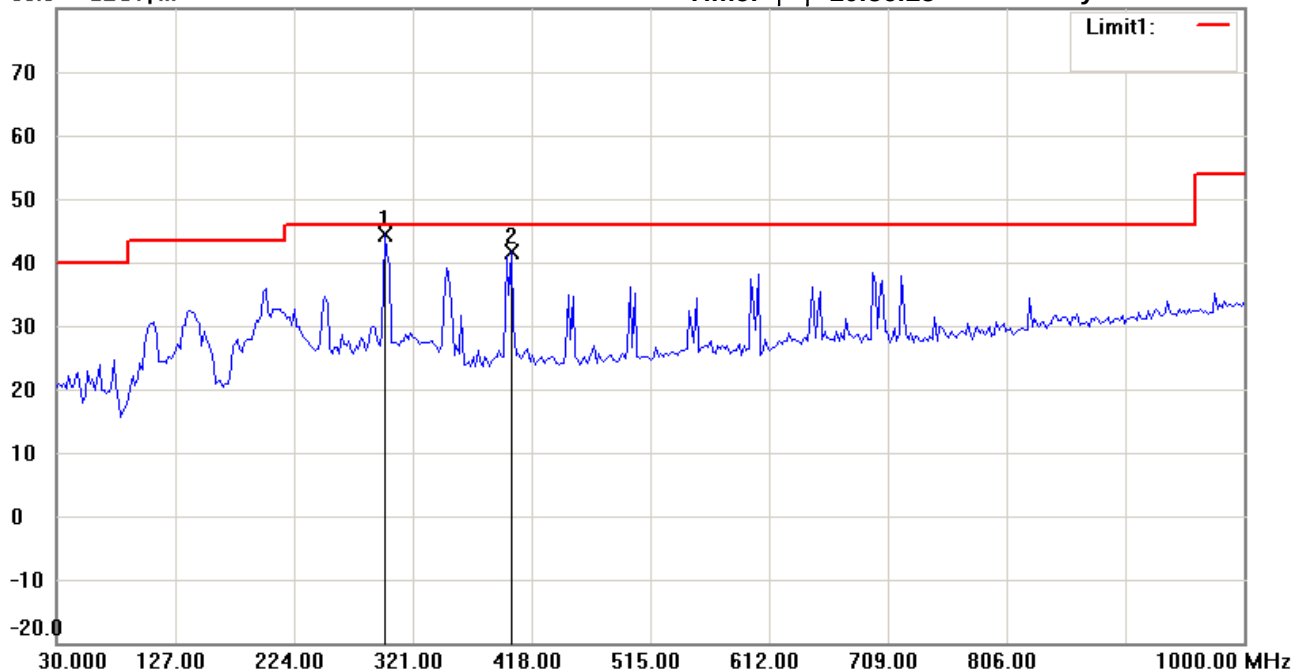
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:56:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	49.96	peak	-5.64	44.32	46.00	100	110	-1.68	
	401.2826	45.24	peak	-3.66	41.58	46.00	100	165	-4.42	

*: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 :1

Data :#2

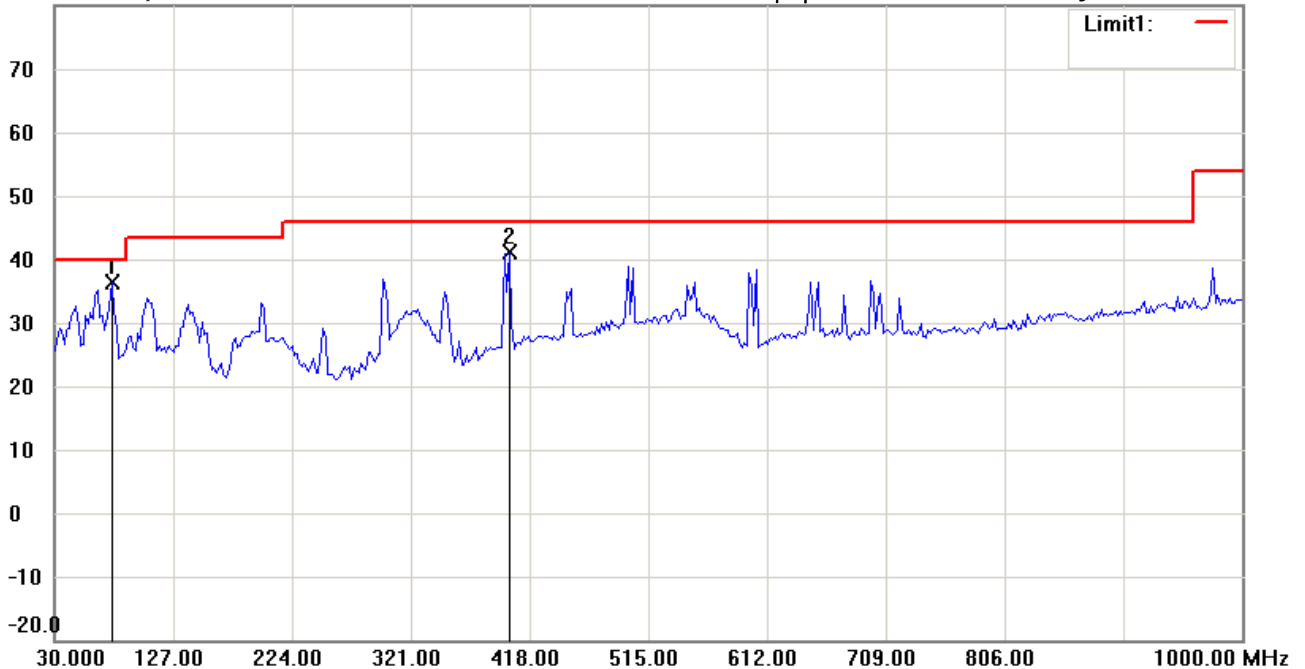
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:57:10

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	76.6533	49.29	peak	-12.97	36.32	40.00	100	170	-3.68	
	401.2826	44.91	peak	-3.66	41.25	46.00	100	315	-4.75	

*: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

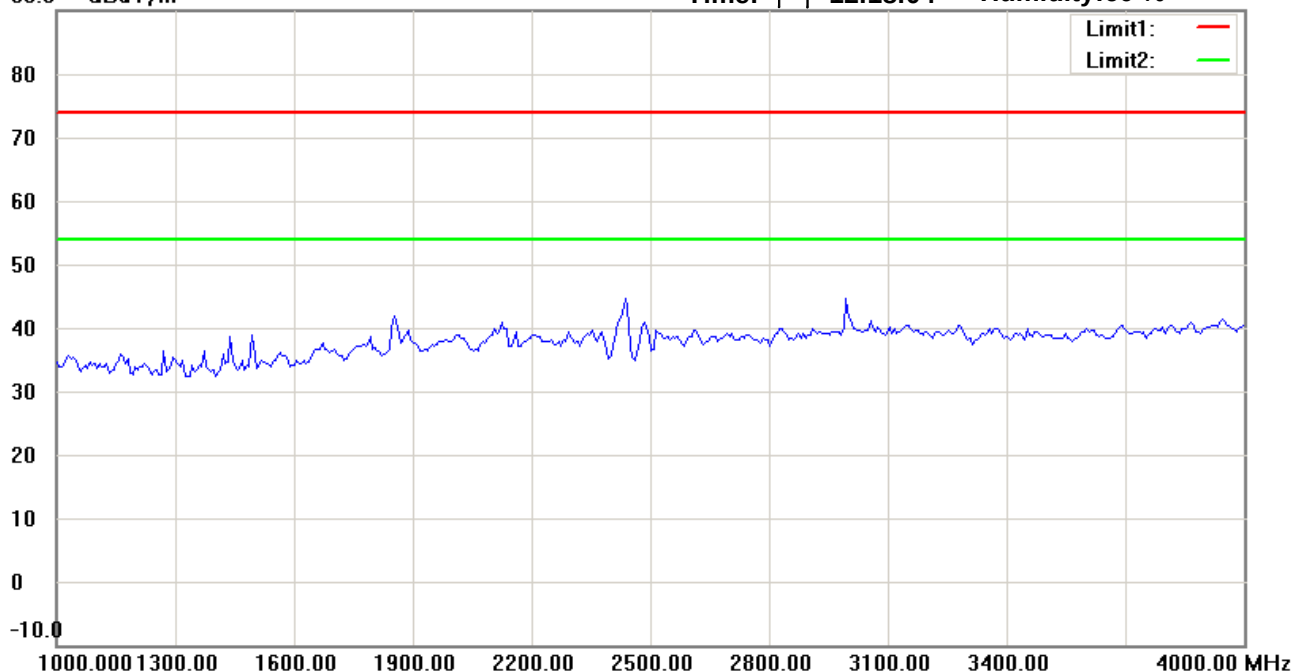
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:18:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Horizontal

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :3

Data :#6

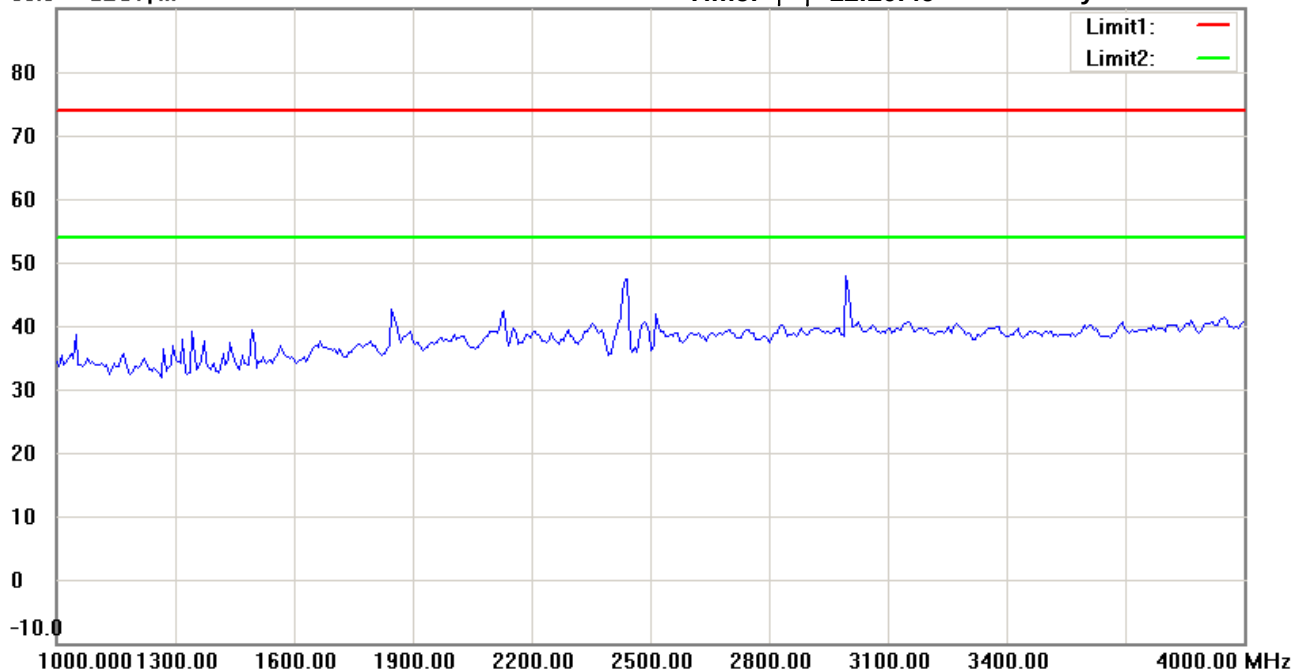
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:20:49

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

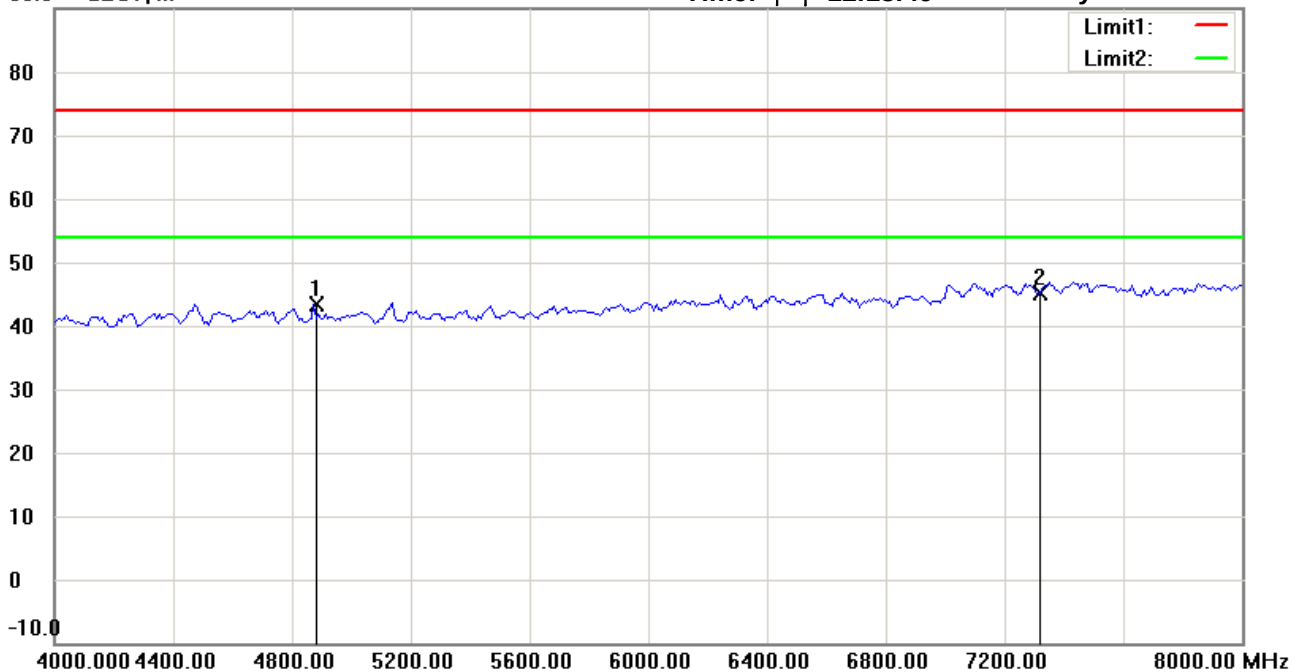
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:18:49

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	43.96	peak	-0.50	43.46	74.00	150	80	-30.54	
*	7311.000	40.64	peak	4.43	45.07	74.00	150	175	-28.93	

*: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 :#7

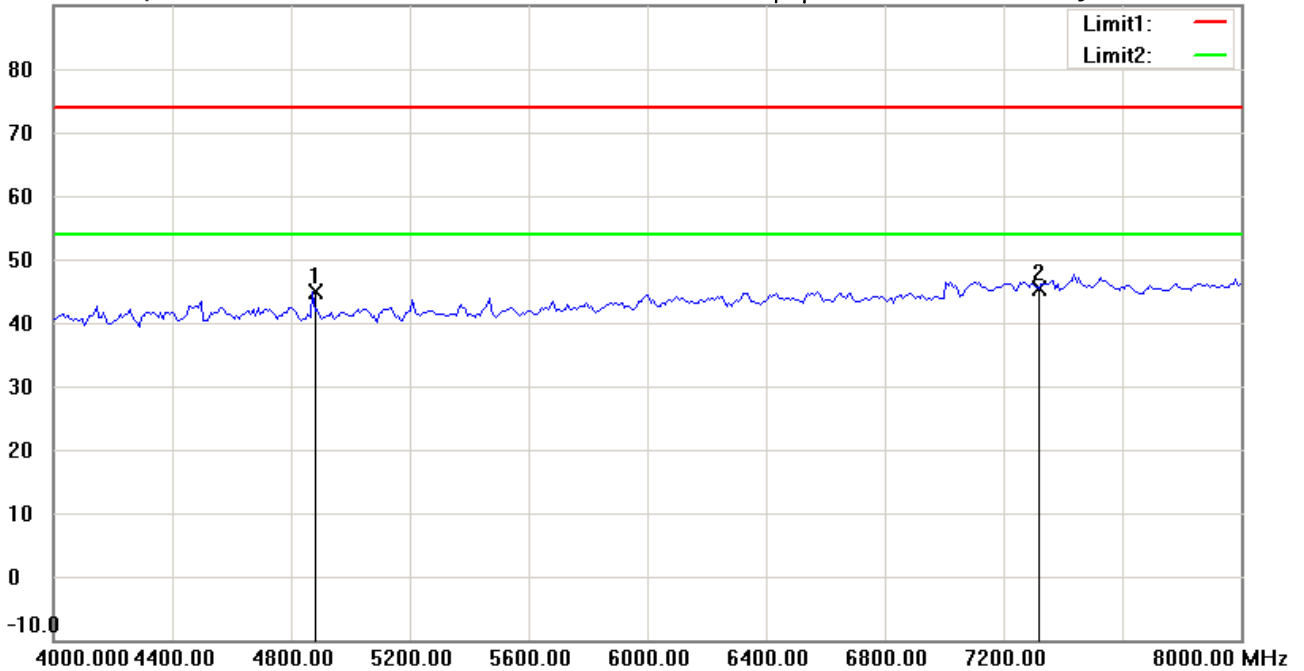
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:21:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	45.41	peak	-0.50	44.91	74.00	150	250	-29.09	
*	7311.000	40.98	peak	4.43	45.41	74.00	150	85	-28.59	

*: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 :#3

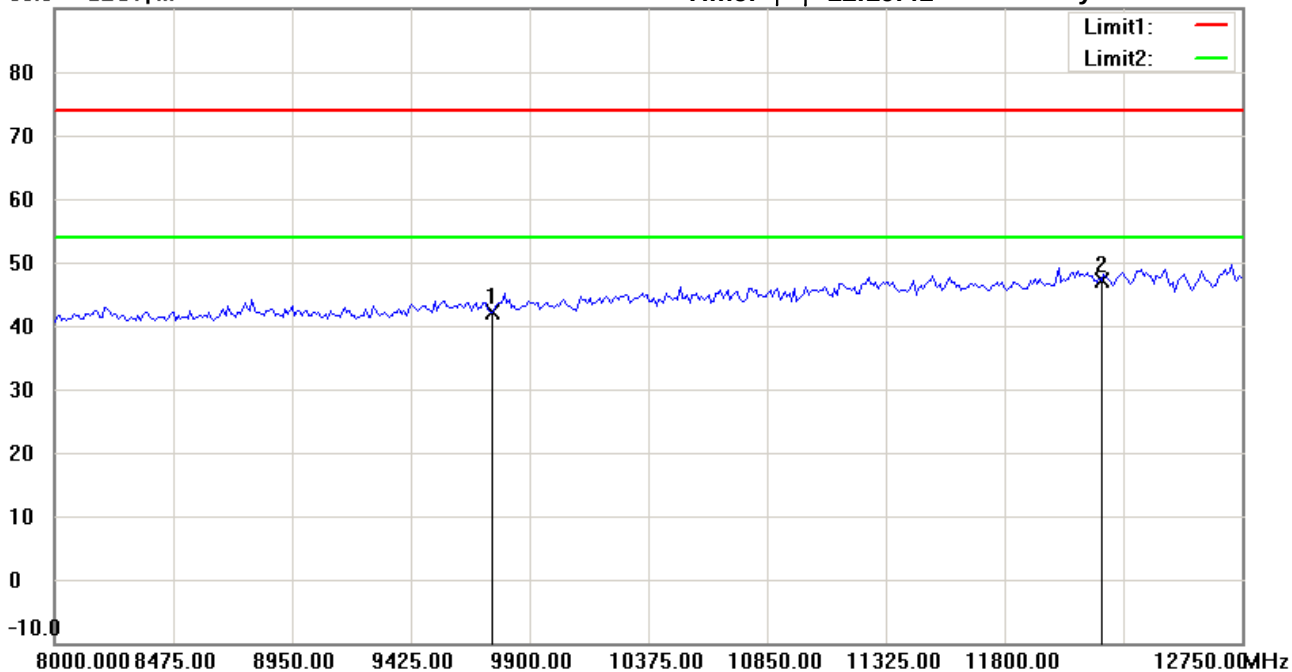
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:19:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	34.71	peak	7.49	42.20	74.00	150	220	-31.80	
*	12185.000	33.39	peak	13.82	47.21	74.00	150	135	-26.79	

*: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

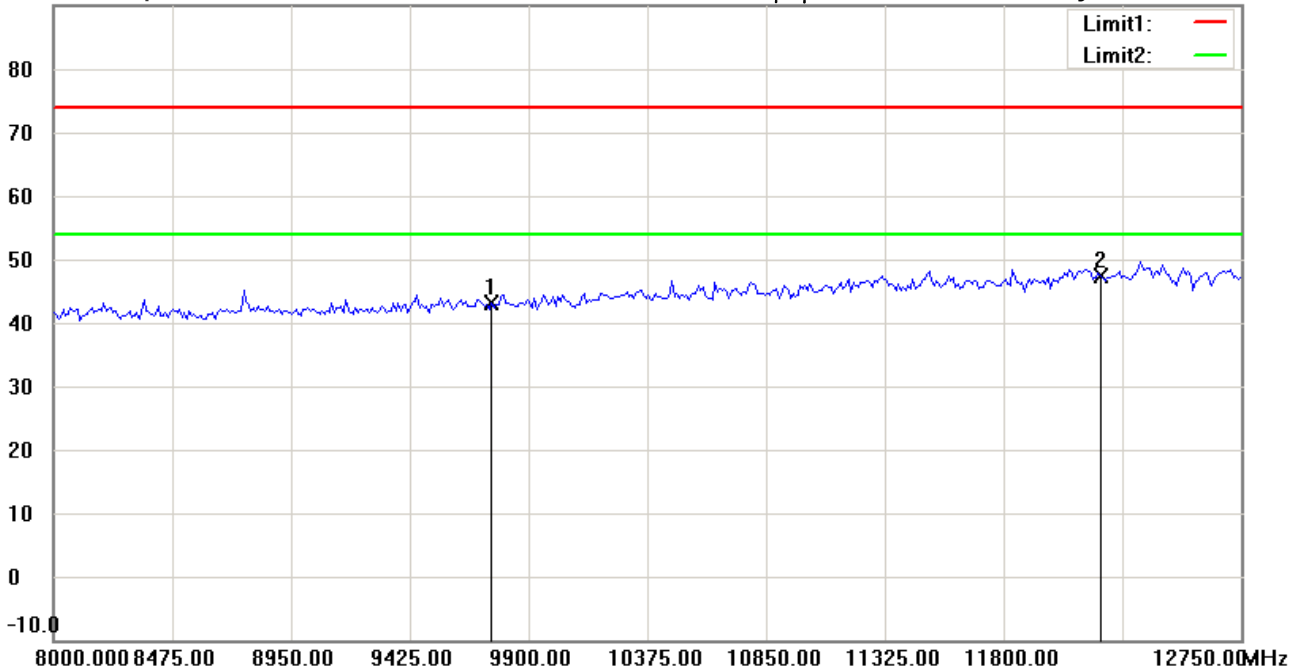
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:22:19

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.66	peak	7.49	43.15	74.00	150	195	-30.85	
*	12185.000	33.60	peak	13.82	47.42	74.00	150	60	-26.58	

*: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 :#4

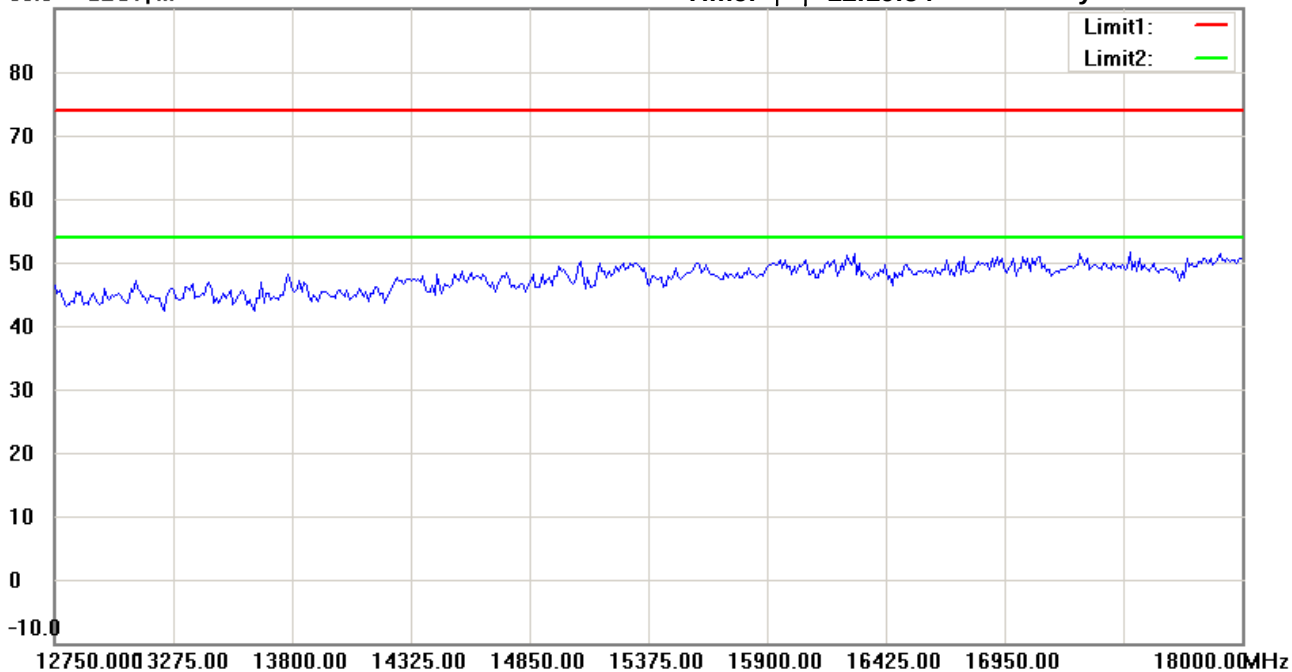
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:19:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

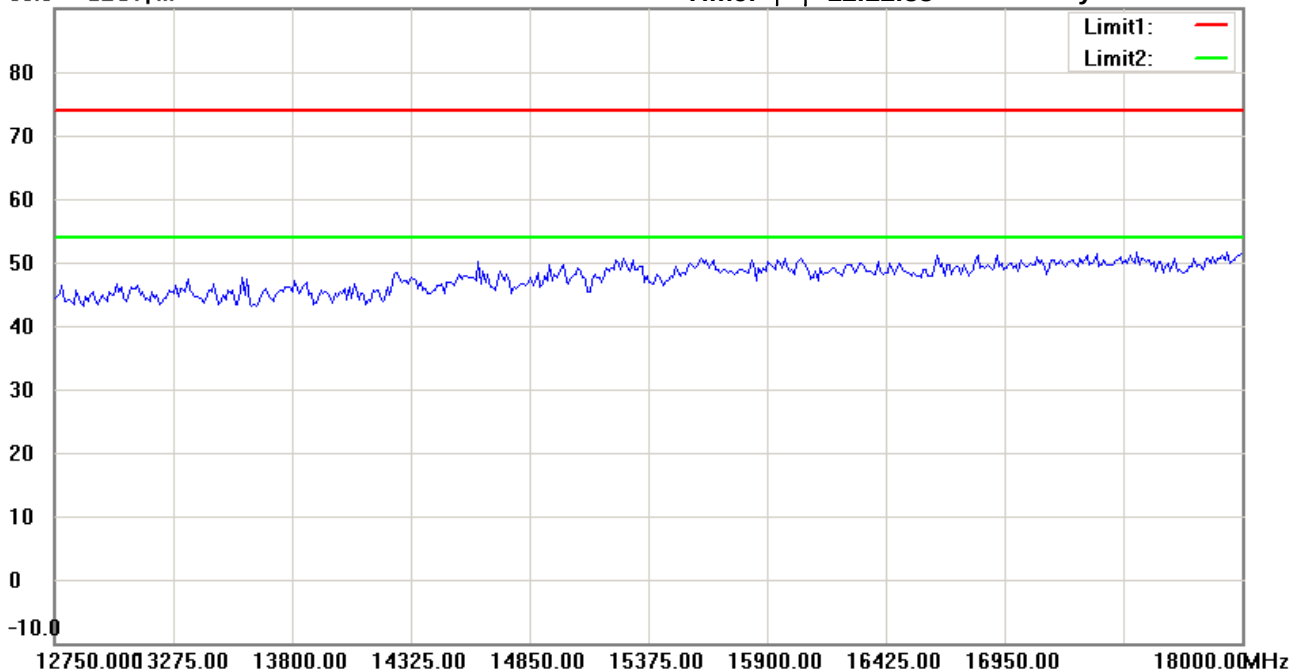
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:22:33

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

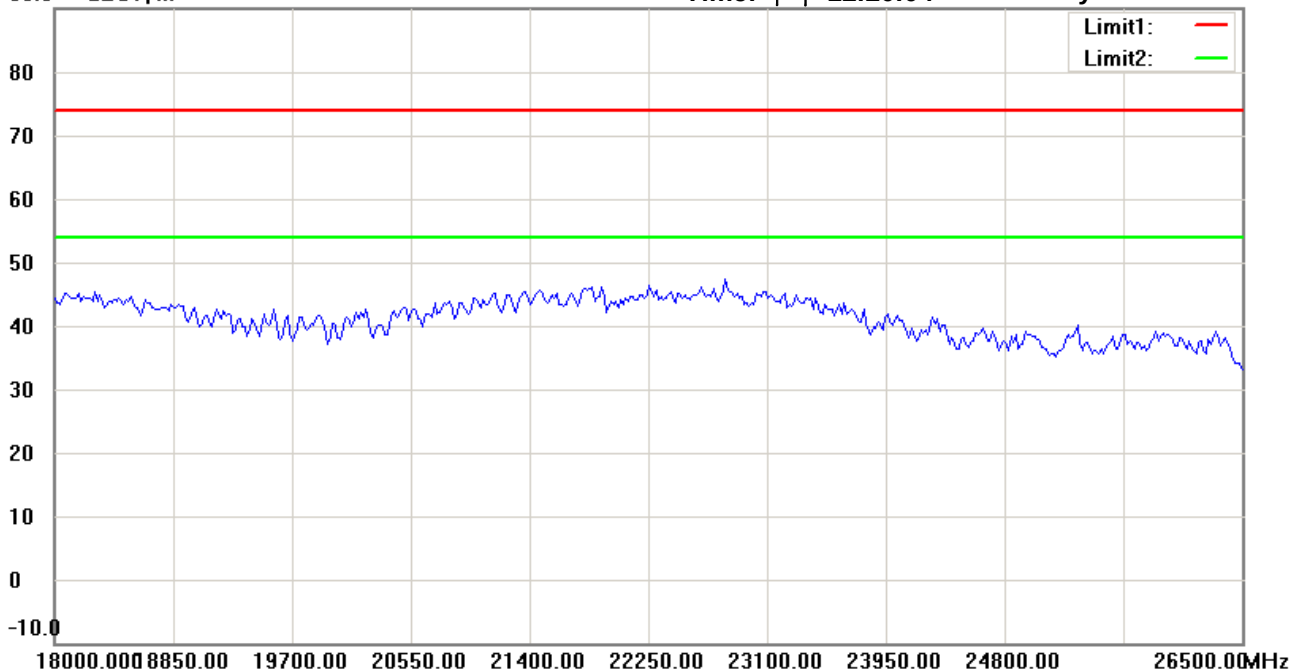
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:20:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

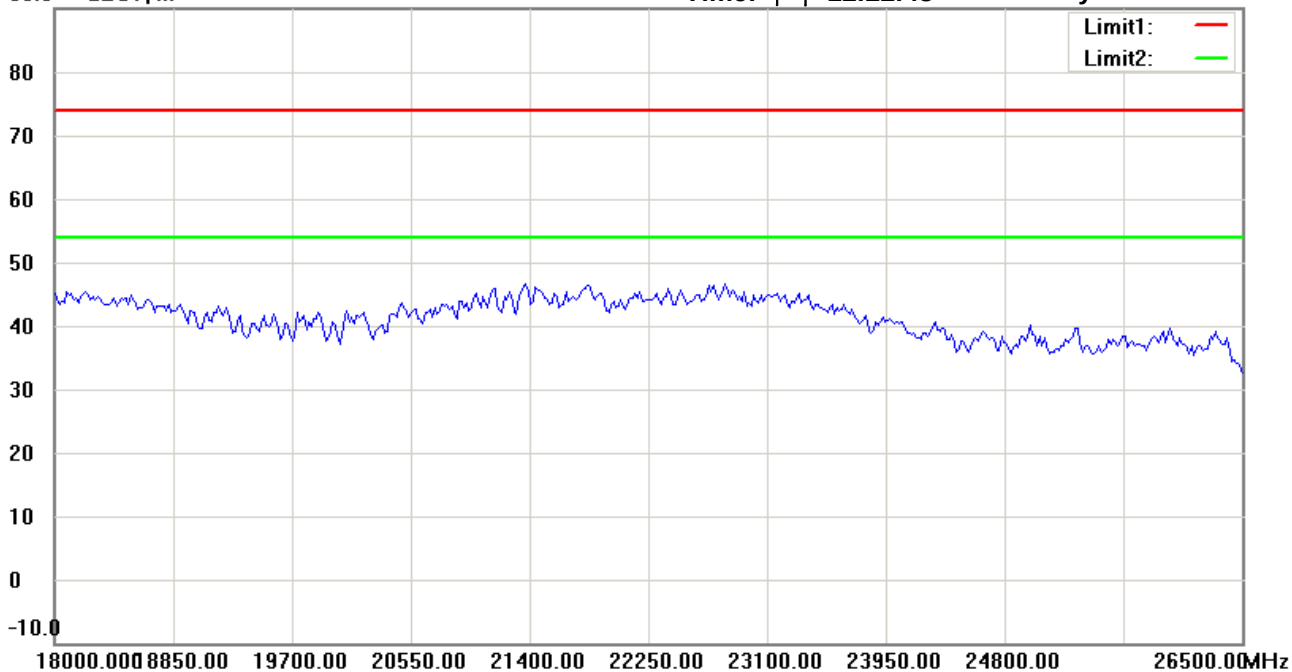
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:22:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :1

Data :#1

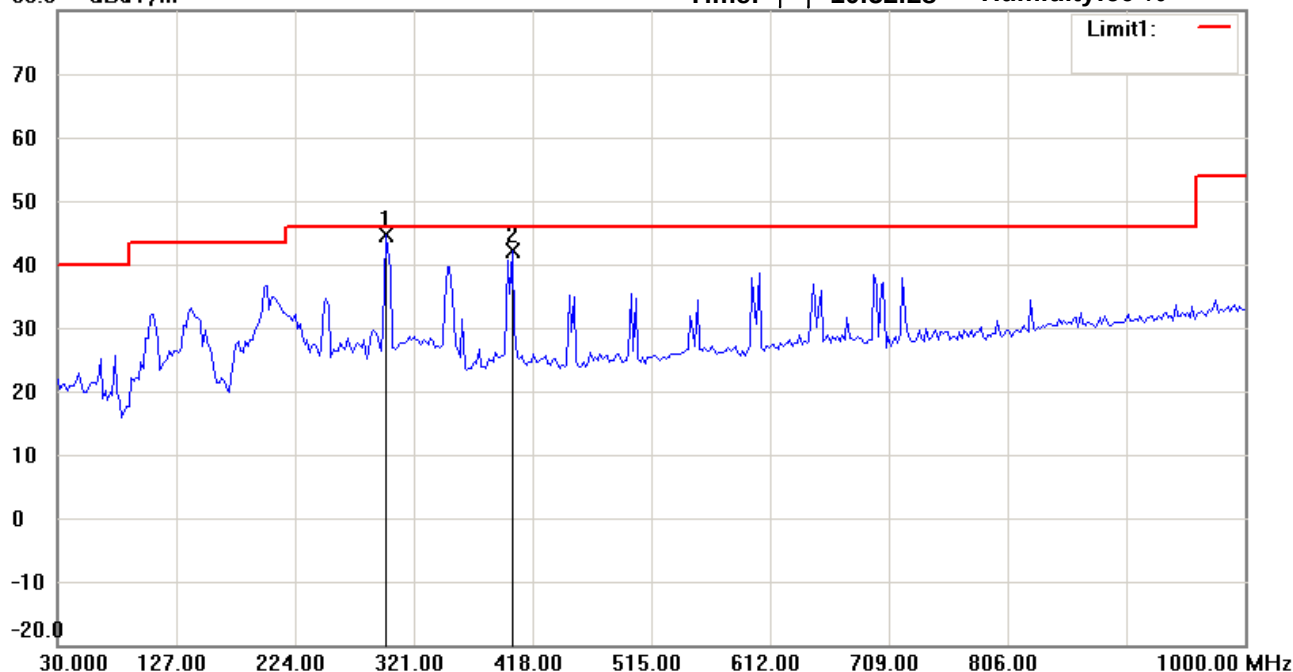
Date: 2016/9/23

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 10:52:28

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	50.21	peak	-5.64	44.57	46.00	100	240	-1.43	
	401.2826	45.70	peak	-3.66	42.04	46.00	100	85	-3.96	

*: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 :1

Data :#2

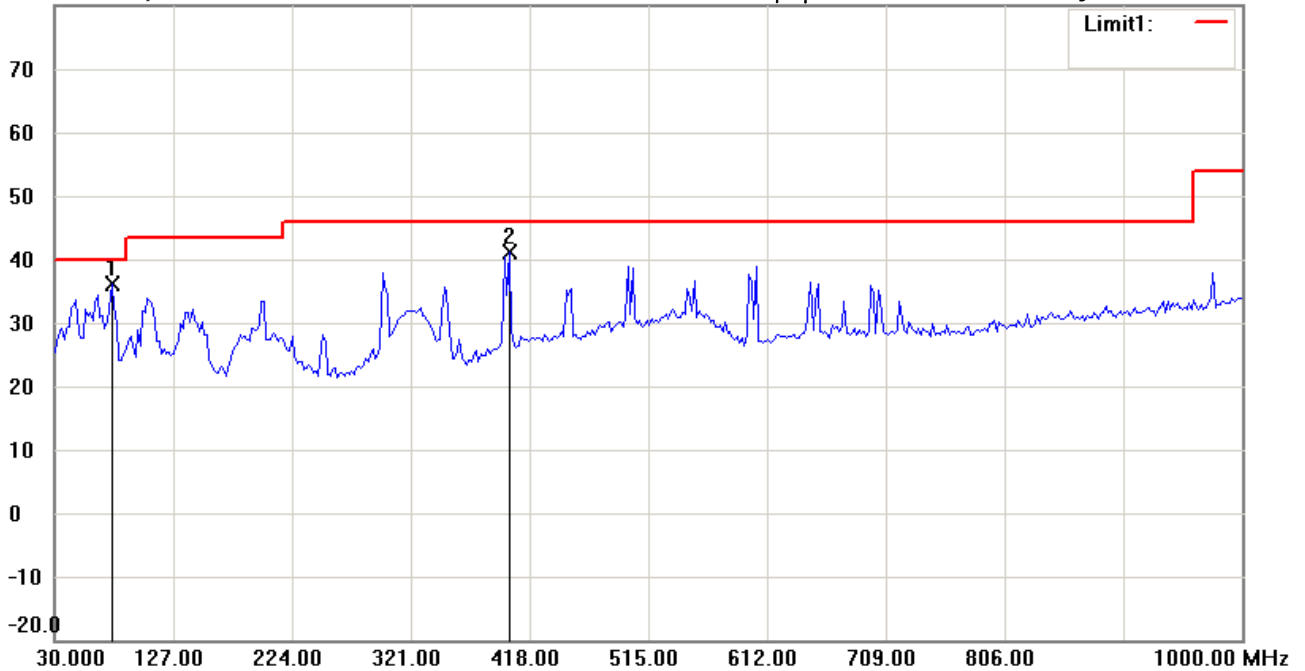
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:53:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	76.6533	49.10	peak	-12.97	36.13	40.00	100	235	-3.87	
	401.2826	44.83	peak	-3.66	41.17	46.00	100	95	-4.83	

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



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

Operator: Leon

File :3

Data :#1

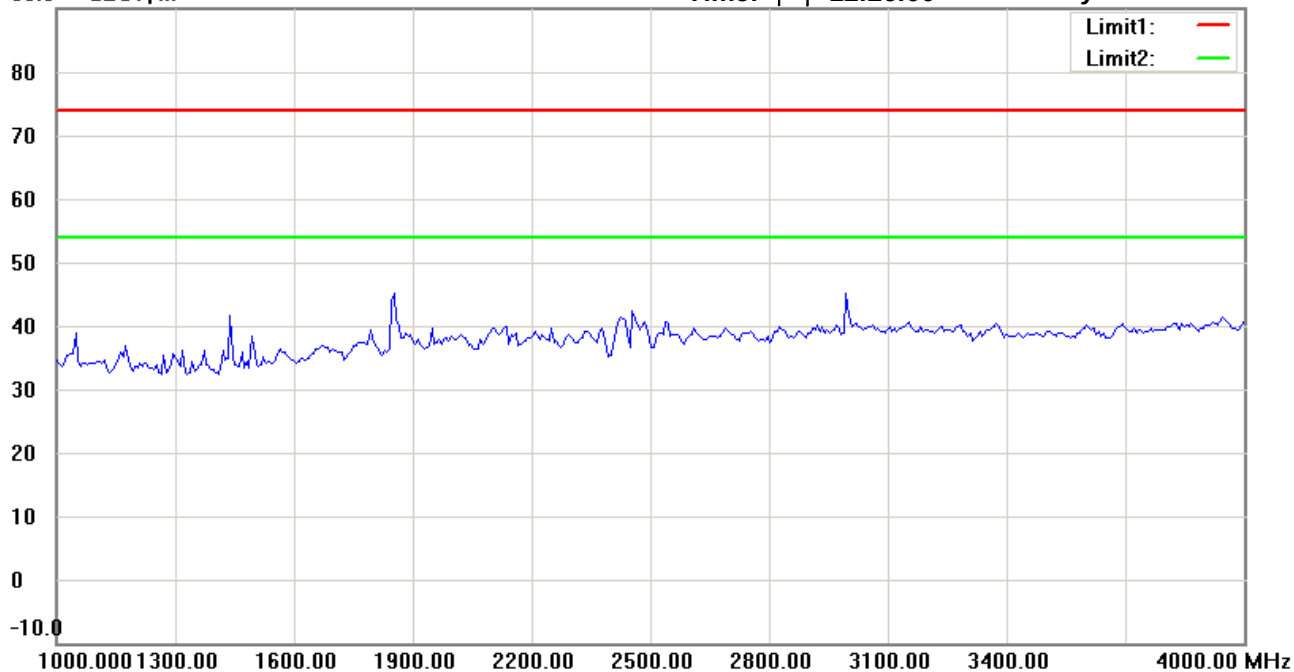
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:26:00

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#6

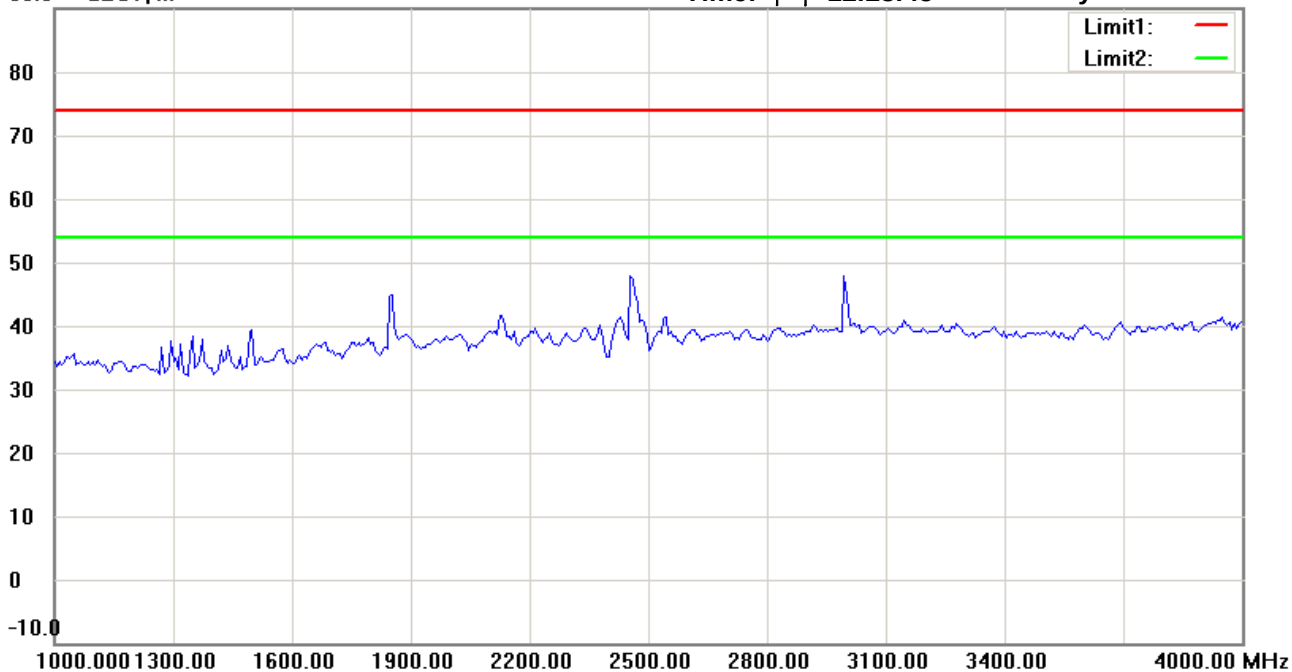
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:28:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#2

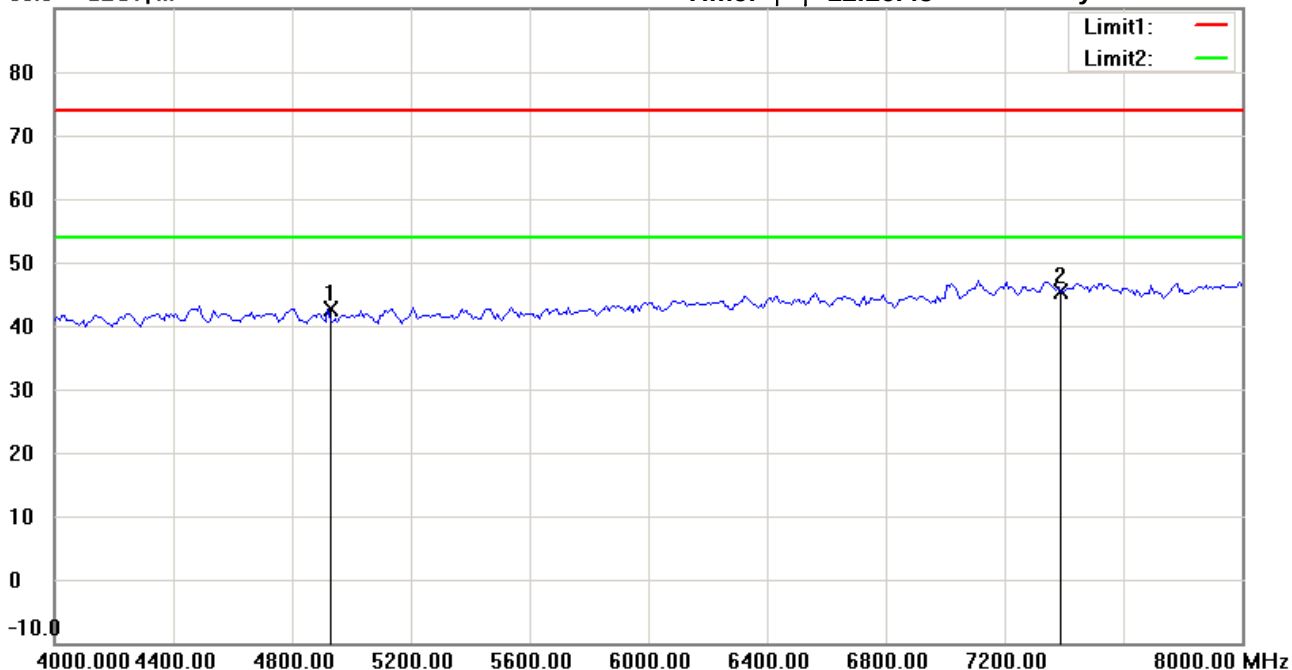
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:26:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	43.09	peak	-0.34	42.75	74.00	150	160	-31.25	
*	7386.000	40.45	peak	4.93	45.38	74.00	150	95	-28.62	

*: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 :#7

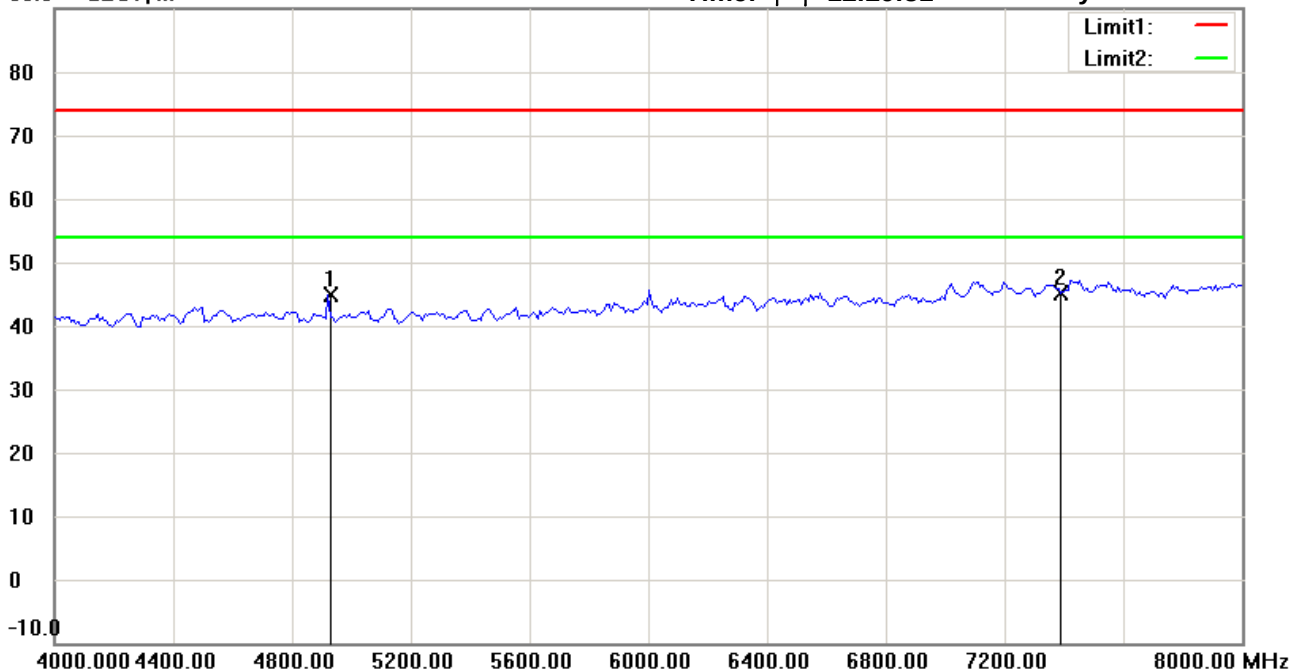
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:29:31

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	45.33	peak	-0.34	44.99	74.00	150	35	-29.01	
*	7386.000	40.27	peak	4.93	45.20	74.00	150	140	-28.80	

*: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: Leon

File :3

Data :#3

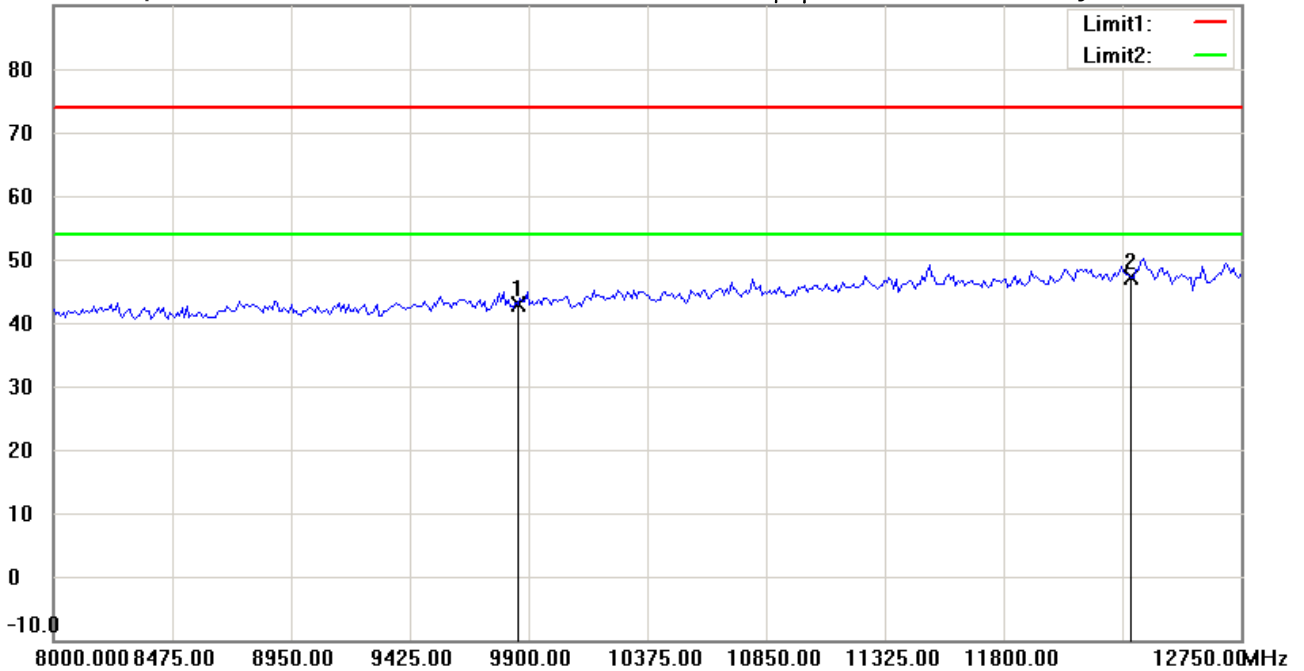
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:27:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.09	peak	7.68	42.77	74.00	150	175	-31.23	
*	12310.000	33.99	peak	13.25	47.24	74.00	150	40	-26.76	

*: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

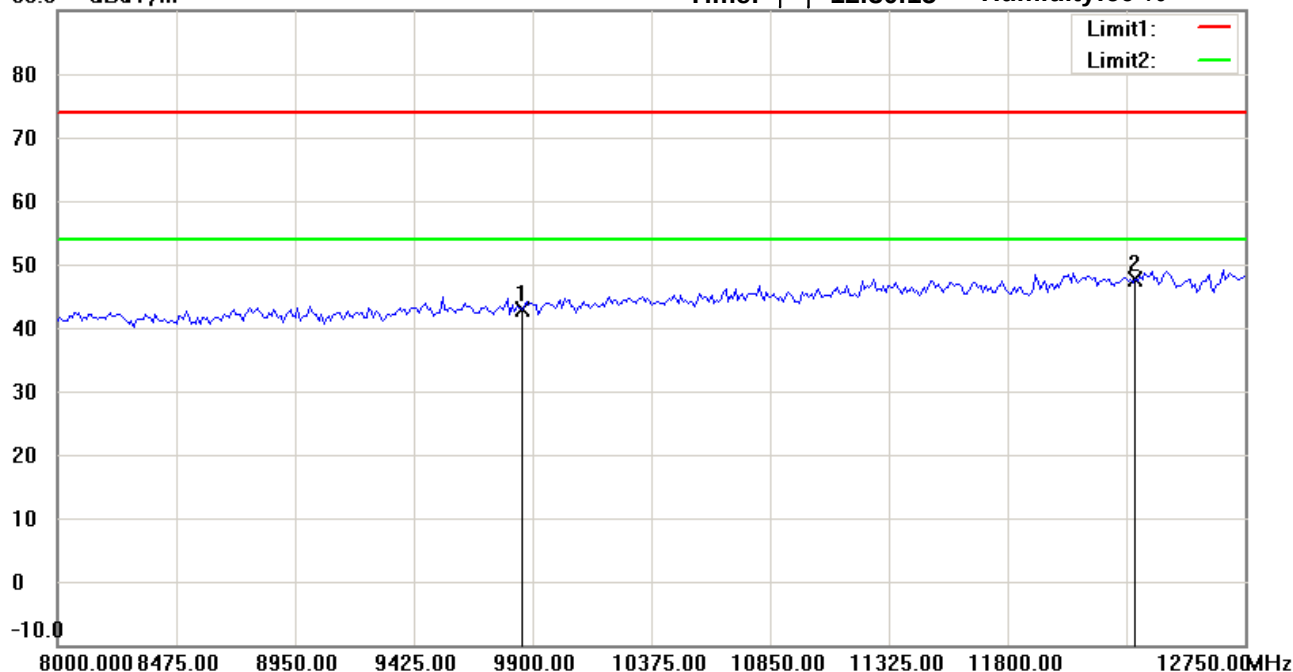
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:30:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.10	peak	7.68	42.78	74.00	150	220	-31.22	
*	12310.000	34.47	peak	13.25	47.72	74.00	150	175	-26.28	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

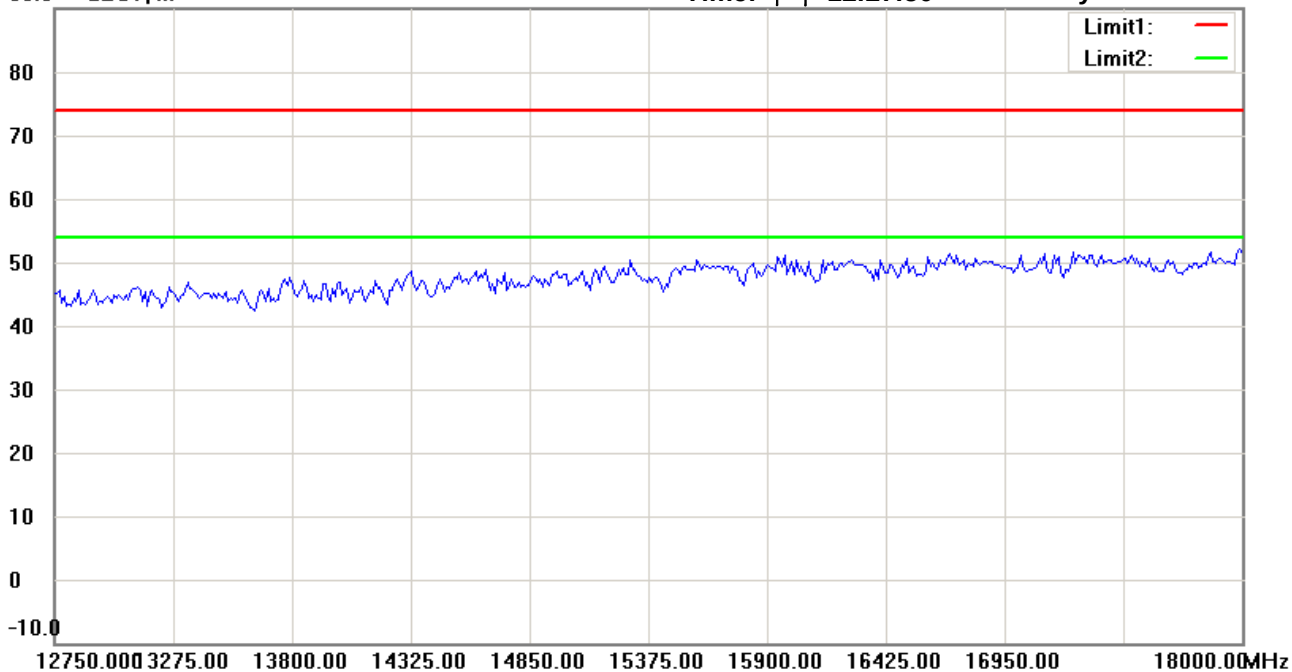
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:27:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Horizontal

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

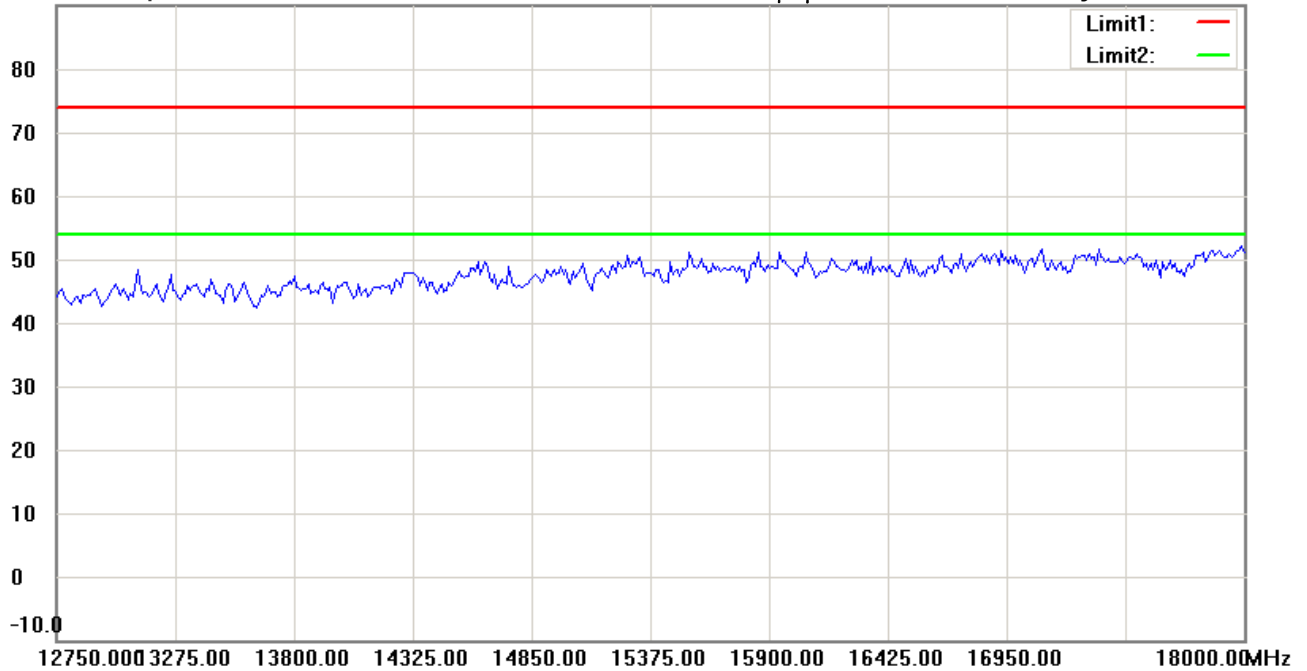
Date: 2016/9/23

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 12:30:29

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

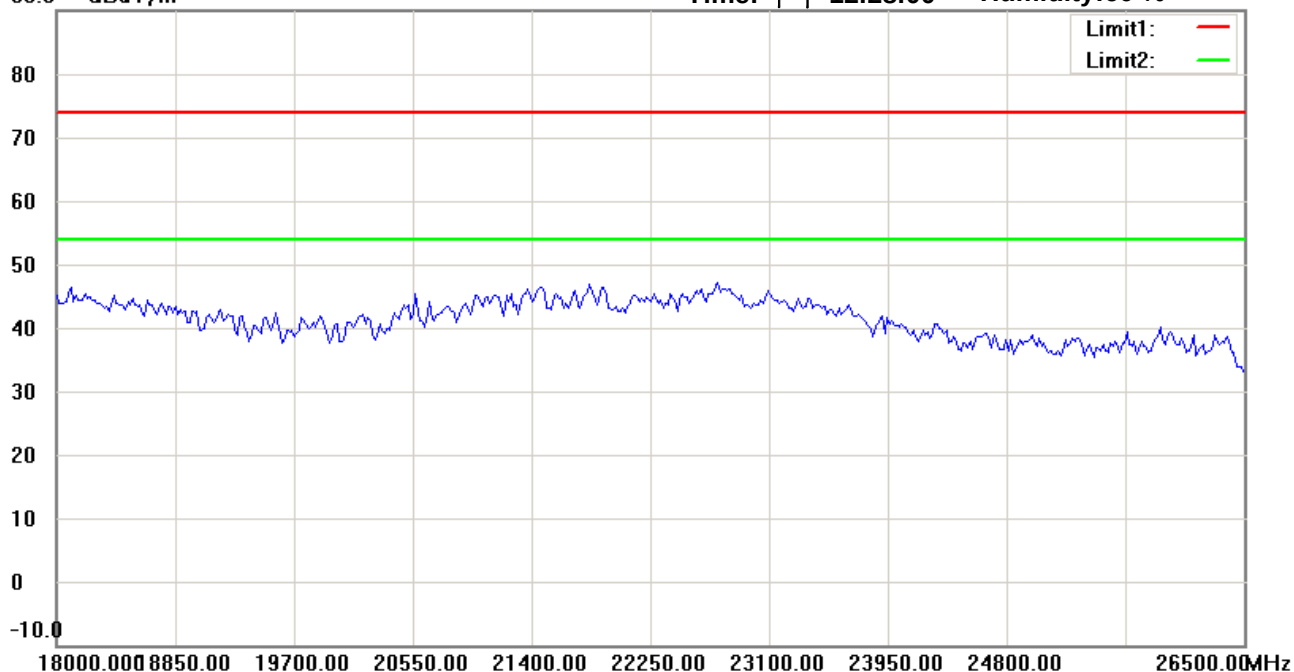
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:28:00

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :#10

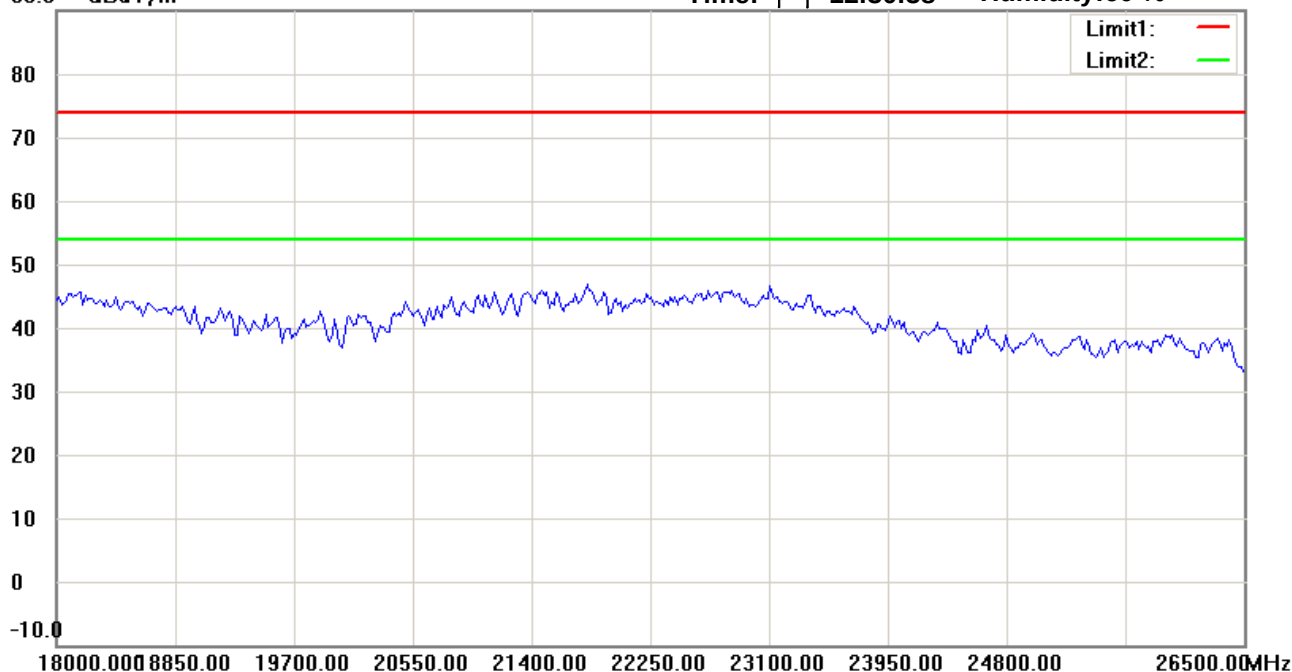
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 12:30:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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: Roy

File :1

Data :#1

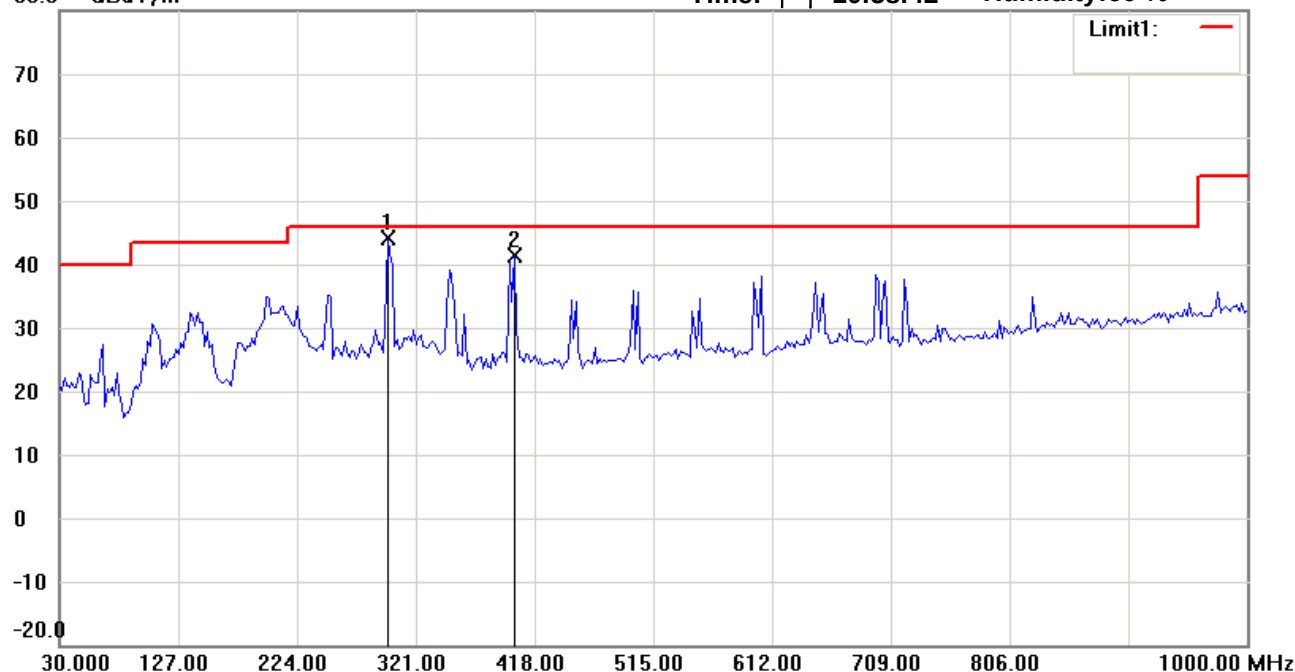
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:58:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	49.78	peak	-5.64	44.14	46.00	100	300	-1.86	
	401.2826	44.95	peak	-3.66	41.29	46.00	100	90	-4.71	



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

Operator: Roy

File :1

Data :#2

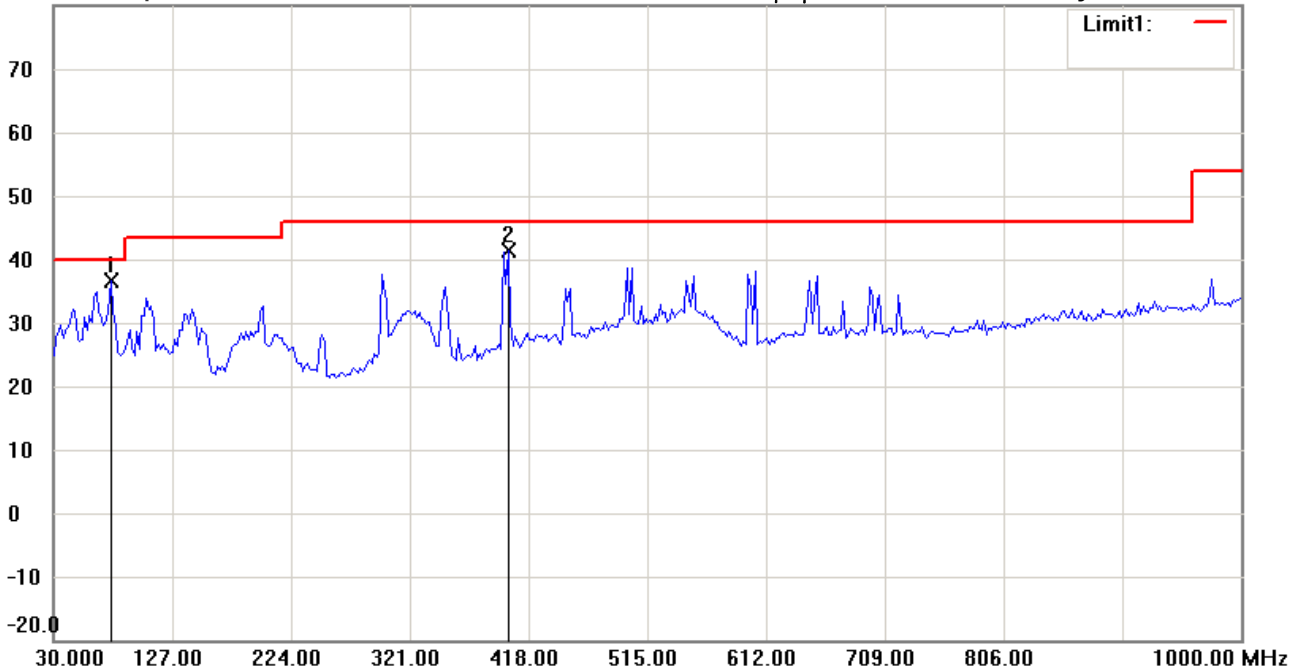
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:59:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	76.6533	49.61	peak	-12.97	36.64	40.00	100	55	-3.36	
	401.2826	45.15	peak	-3.66	41.49	46.00	100	140	-4.51	

*: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 :#1

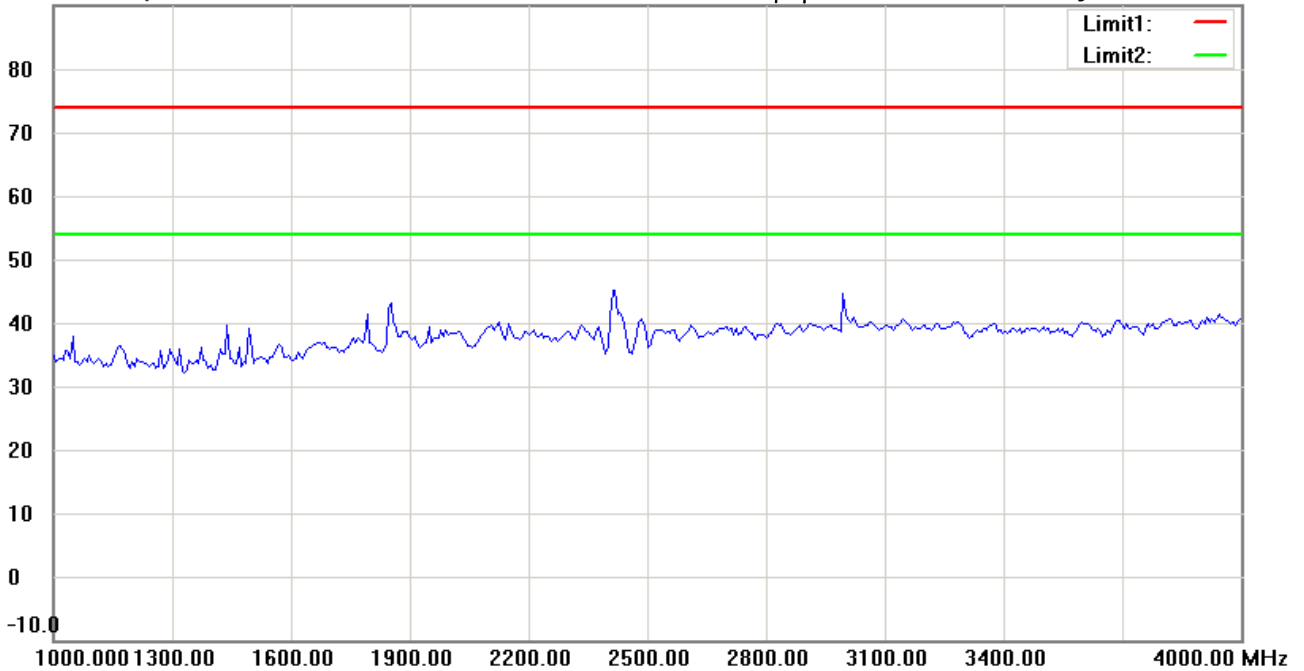
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:01:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#6

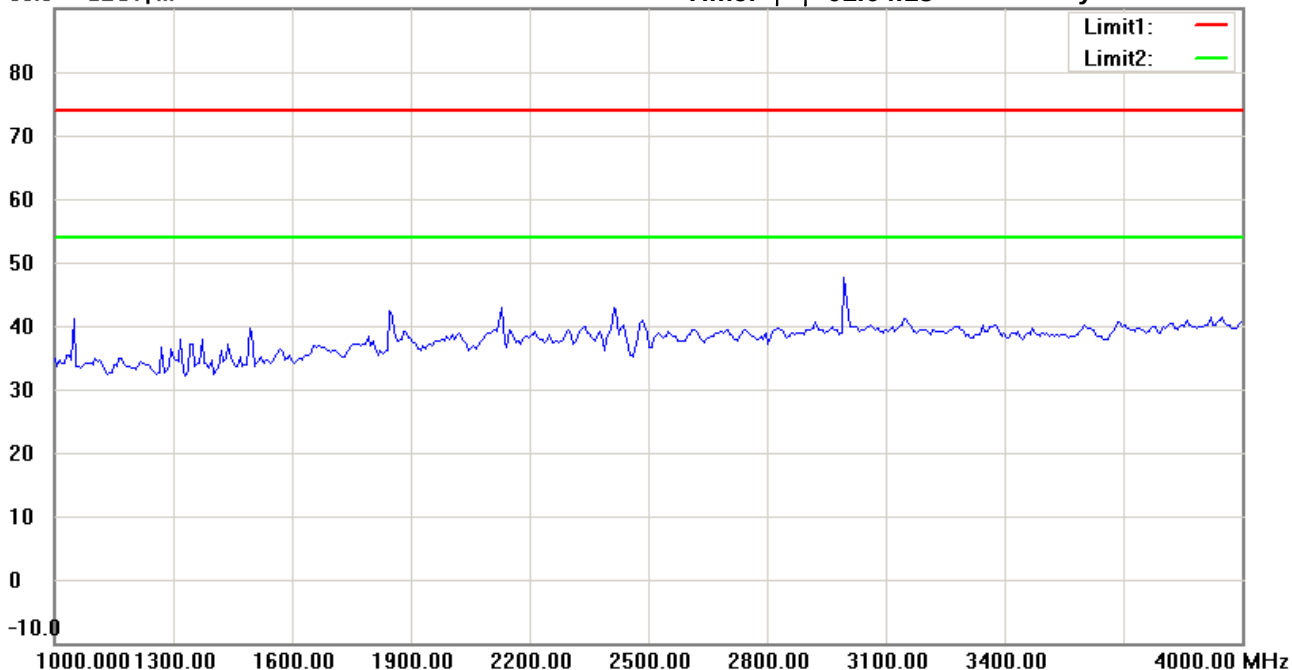
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:04:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#2

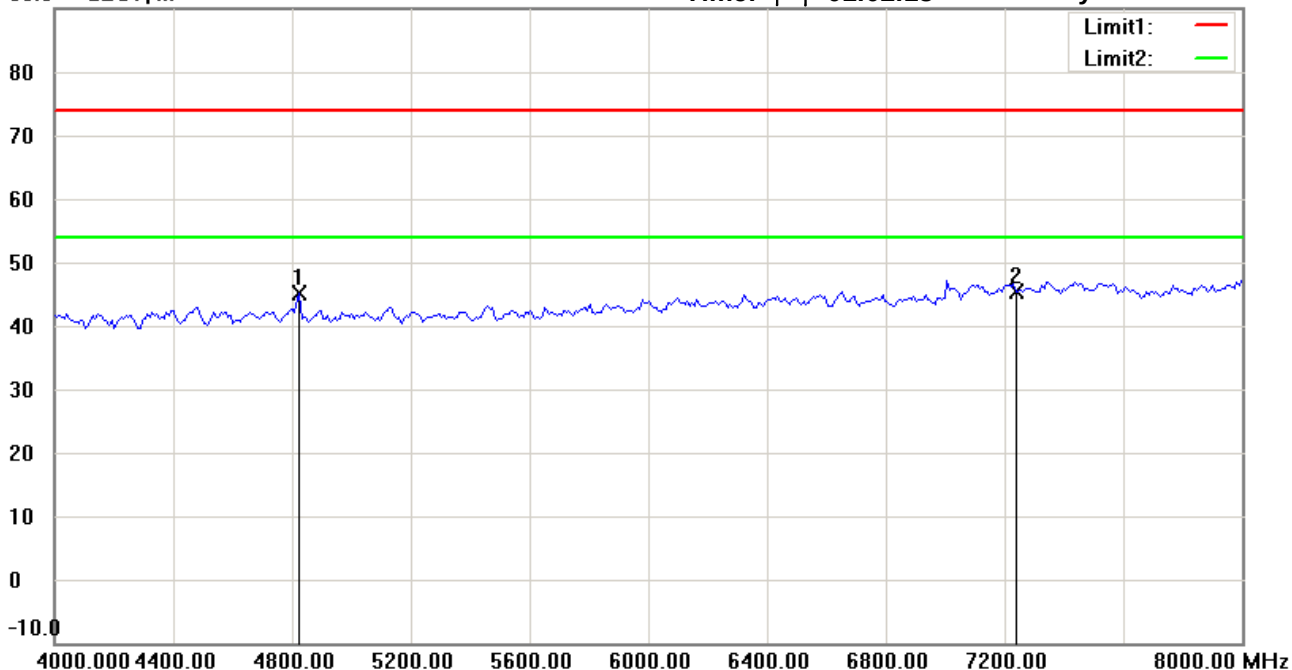
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:02:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4825.651	45.59	peak	-0.56	45.03	74.00	150	120	-28.97	
*	7236.000	41.07	peak	4.29	45.36	74.00	150	155	-28.64	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

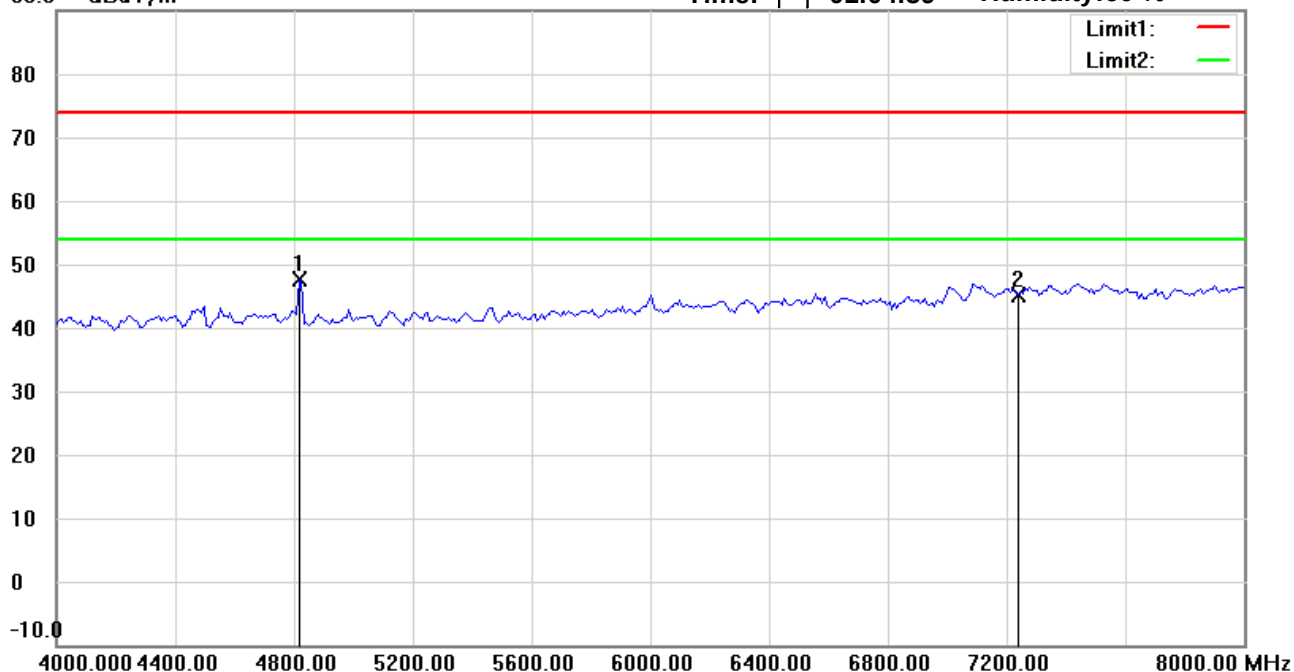
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:04:59

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4817.635	48.21	peak	-0.58	47.63	74.00	150	90	-26.37	
	7236.000	40.82	peak	4.29	45.11	74.00	150	175	-28.89	

*: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 :#3

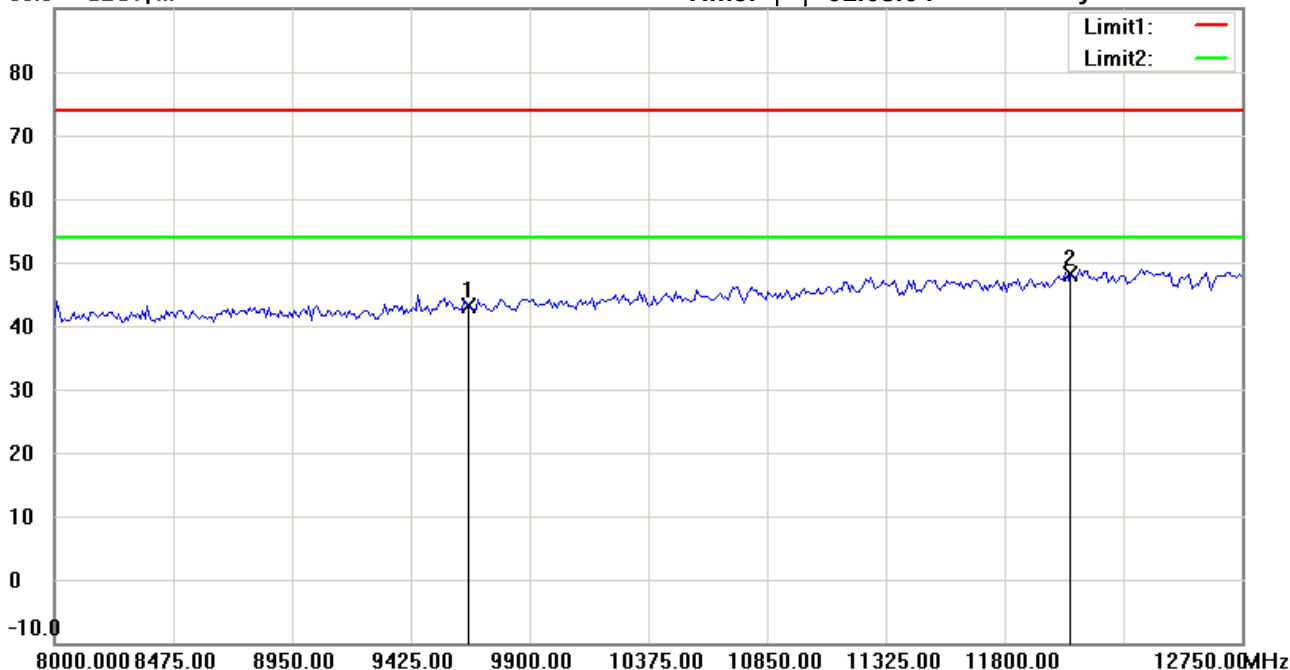
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:03:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.61	peak	7.51	43.12	74.00	150	95	-30.88	
*	12060.000	34.92	peak	13.18	48.10	74.00	150	60	-25.90	

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



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

Operator: Leon

File :3

Data :#8

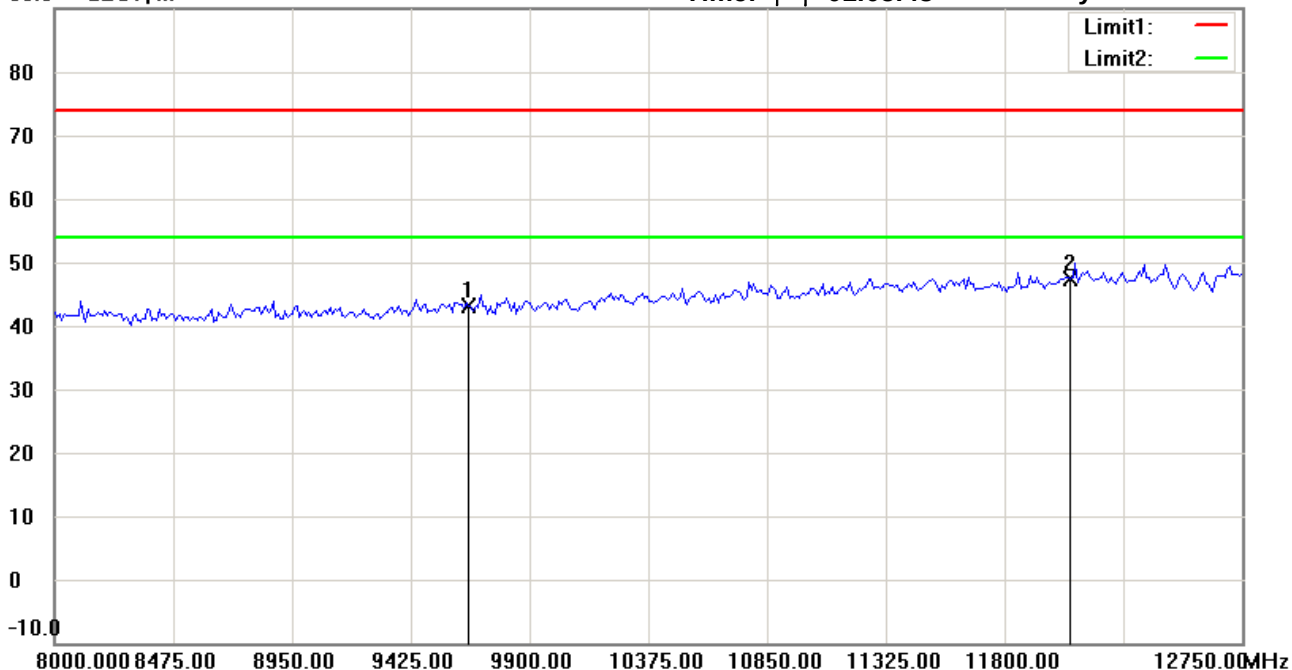
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:05:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.50	peak	7.51	43.01	74.00	150	220	-30.99	
*	12060.000	34.09	peak	13.18	47.27	74.00	150	50	-26.73	

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



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

Operator: Leon

File :3

Data :#4

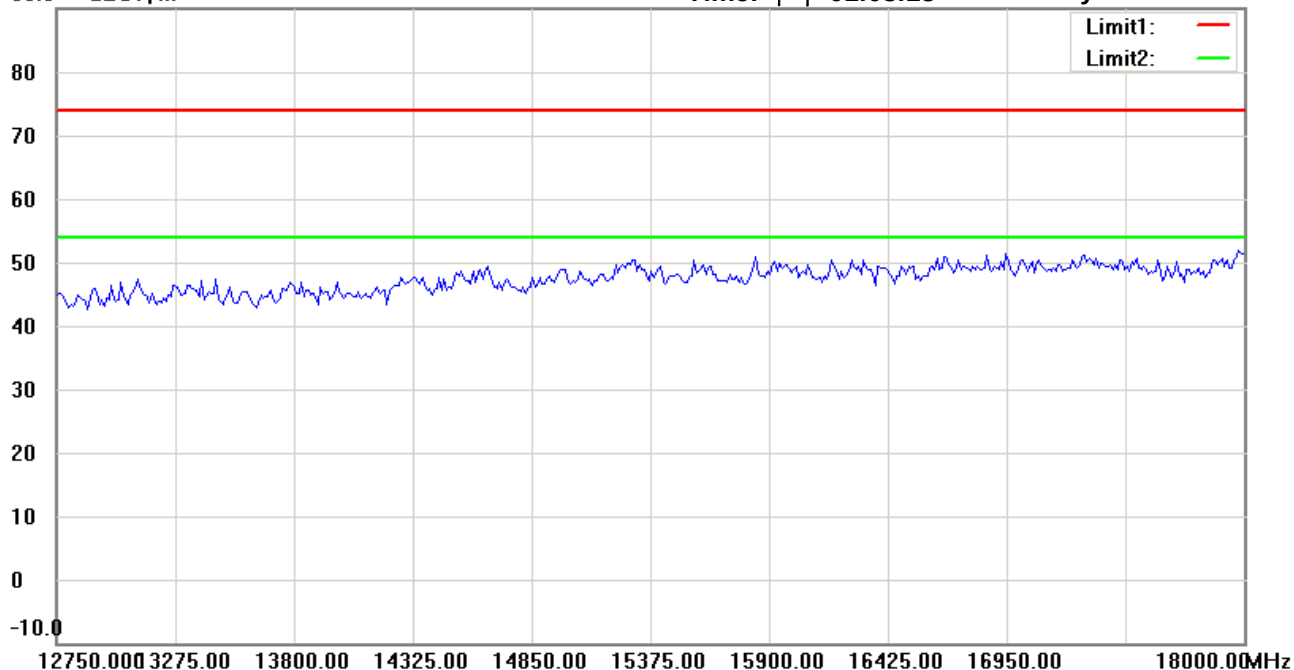
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:03:18

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: Horizontal

Power : 48 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#9

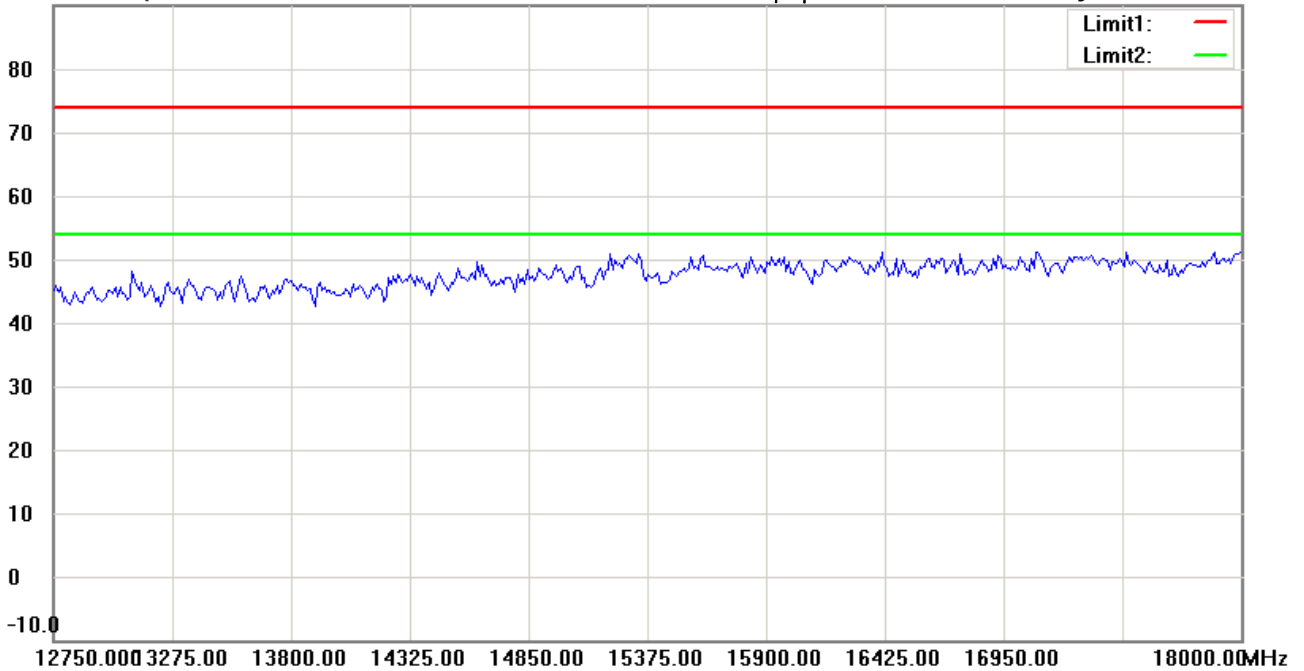
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:05:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Vertical*

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :3

Data :#5

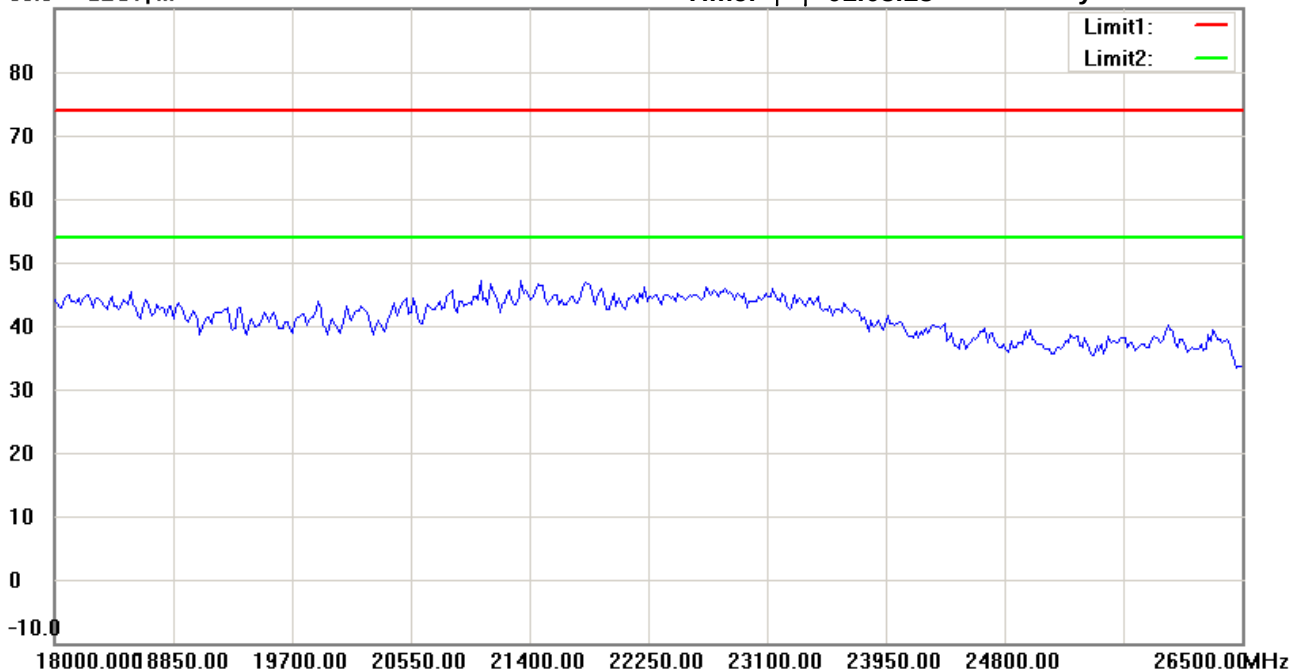
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:03:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :3

Data :#10

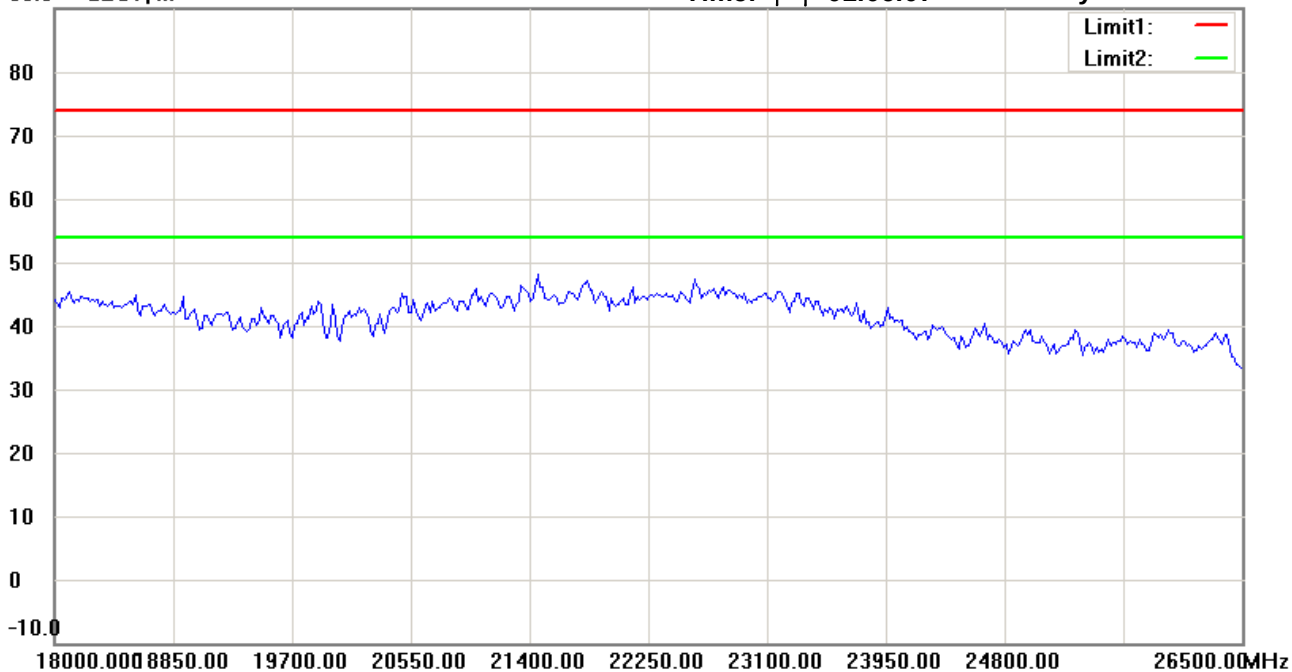
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:06:07

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :1

Data :#1

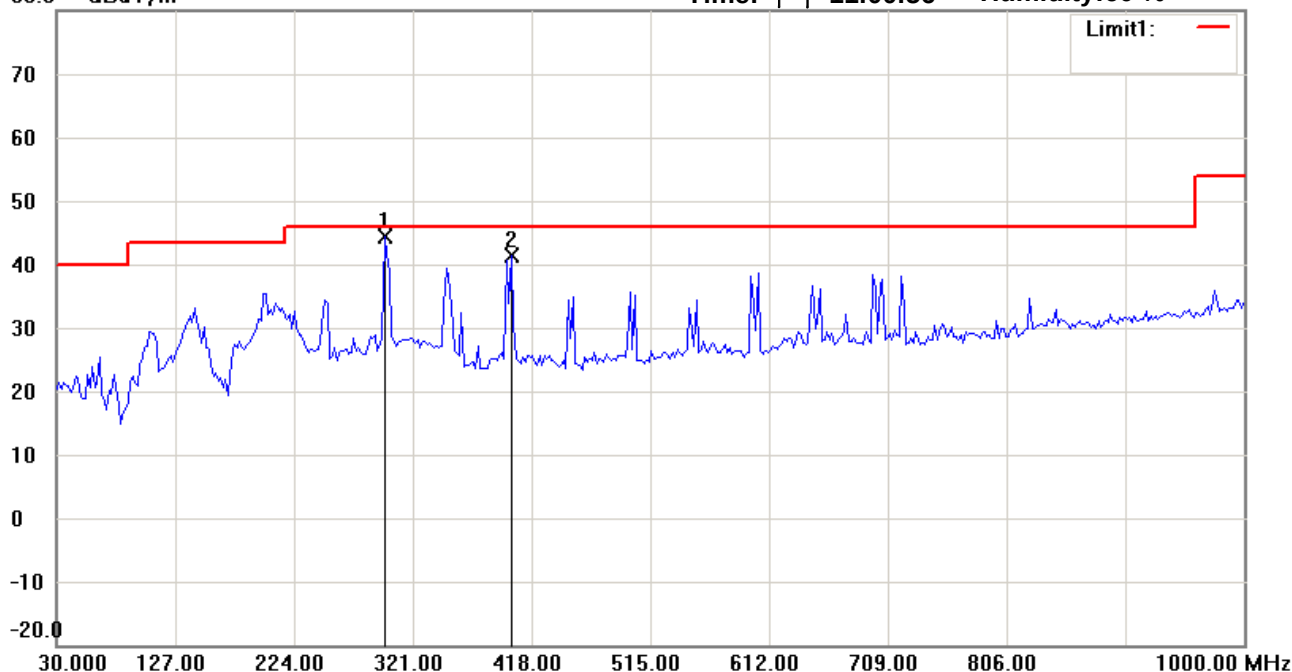
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 11:00:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	49.95	peak	-5.64	44.31	46.00	100	165	-1.69	
	401.2826	45.03	peak	-3.66	41.37	46.00	100	220	-4.63	

*: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 :1

Data :#2

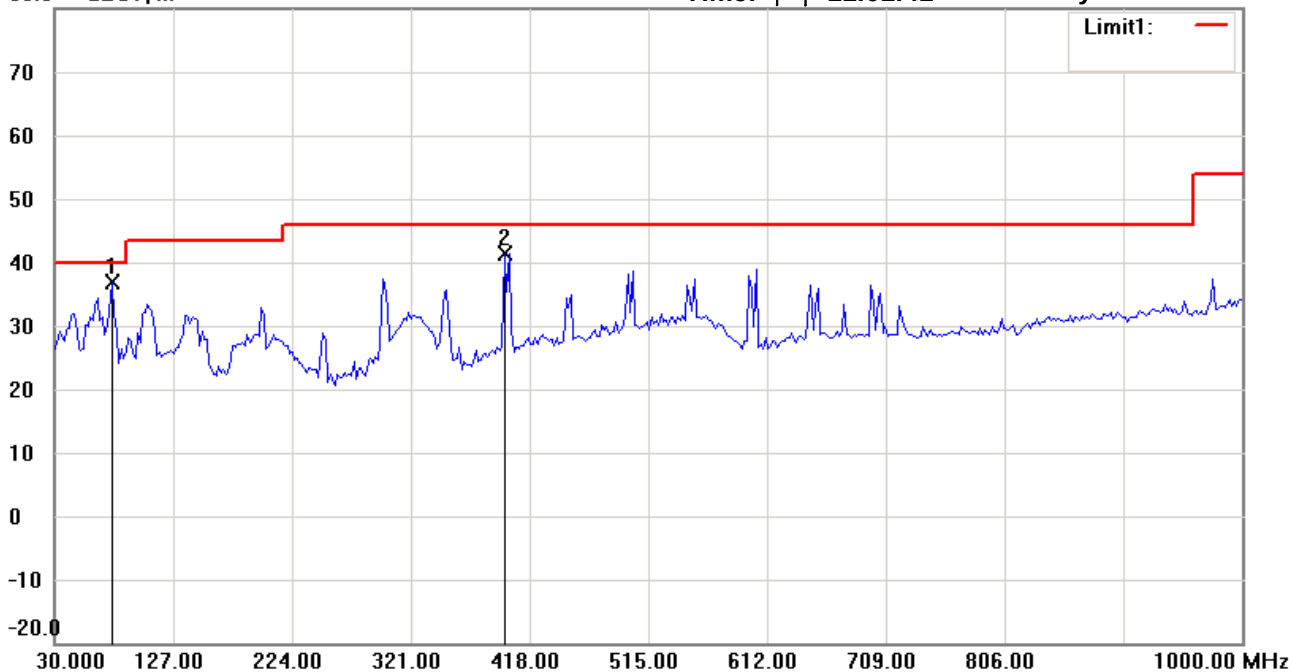
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 11:01:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	76.6533	49.86	peak	-12.97	36.89	40.00	100	45	-3.11	
	397.3948	45.10	peak	-3.73	41.37	46.00	100	100	-4.63	

*: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 :#1

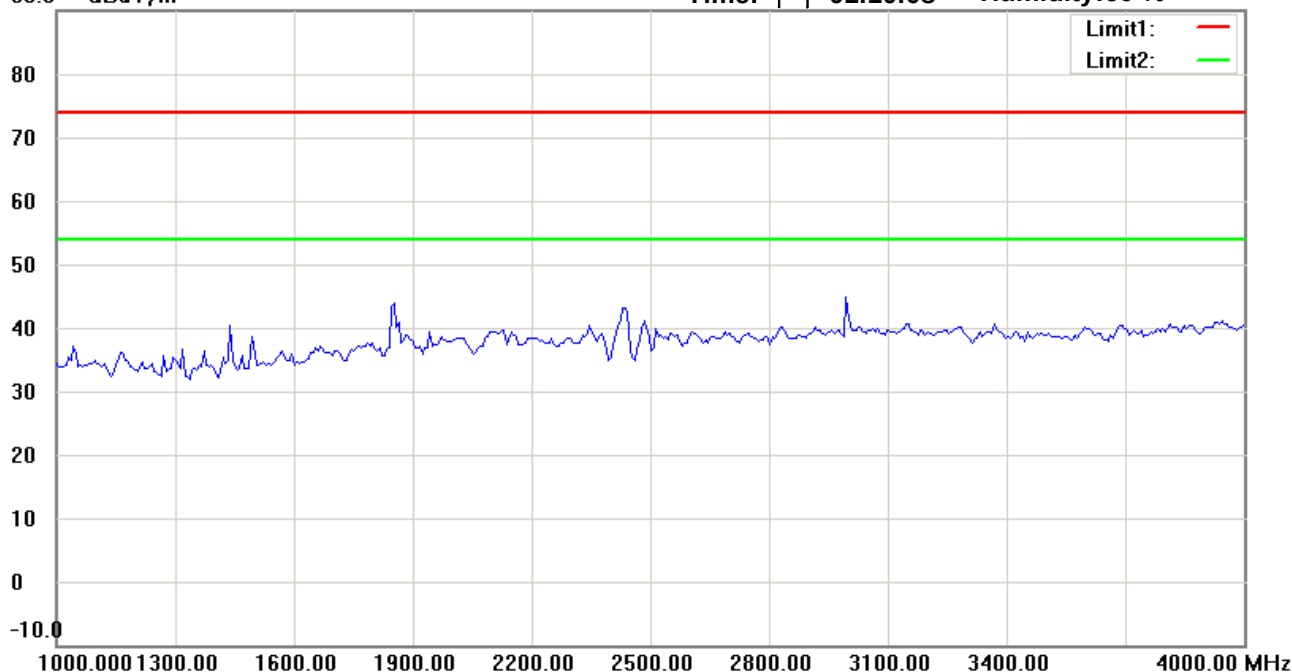
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:10:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

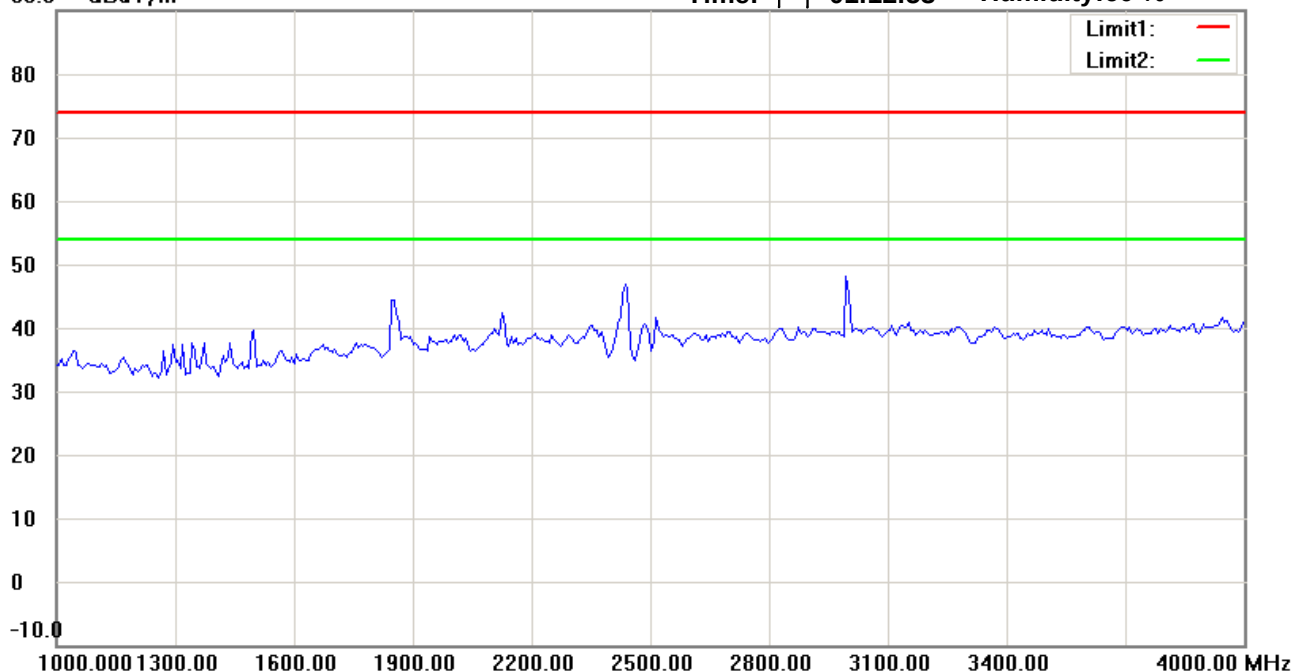
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:12:53

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :3

Data :#2

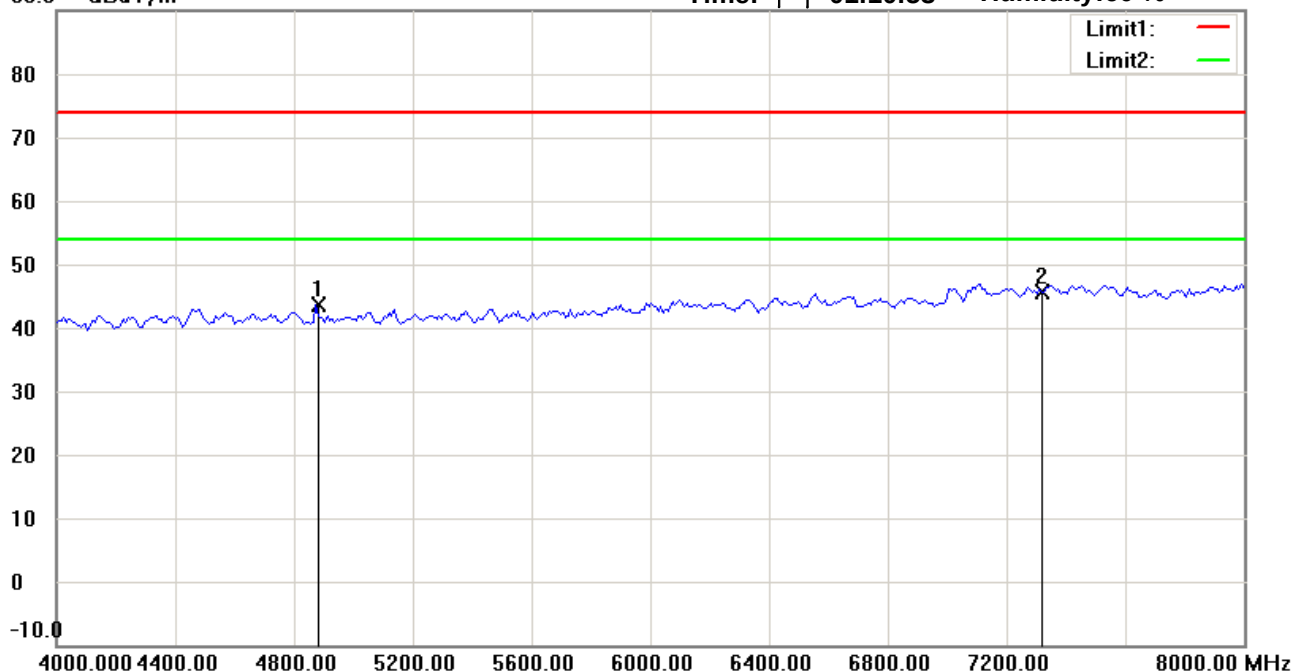
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:10:53

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	44.11	peak	-0.50	43.61	74.00	150	170	-30.39	
*	7311.000	41.32	peak	4.43	45.75	74.00	150	95	-28.25	

*: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: Leon

File :3

Data :#7

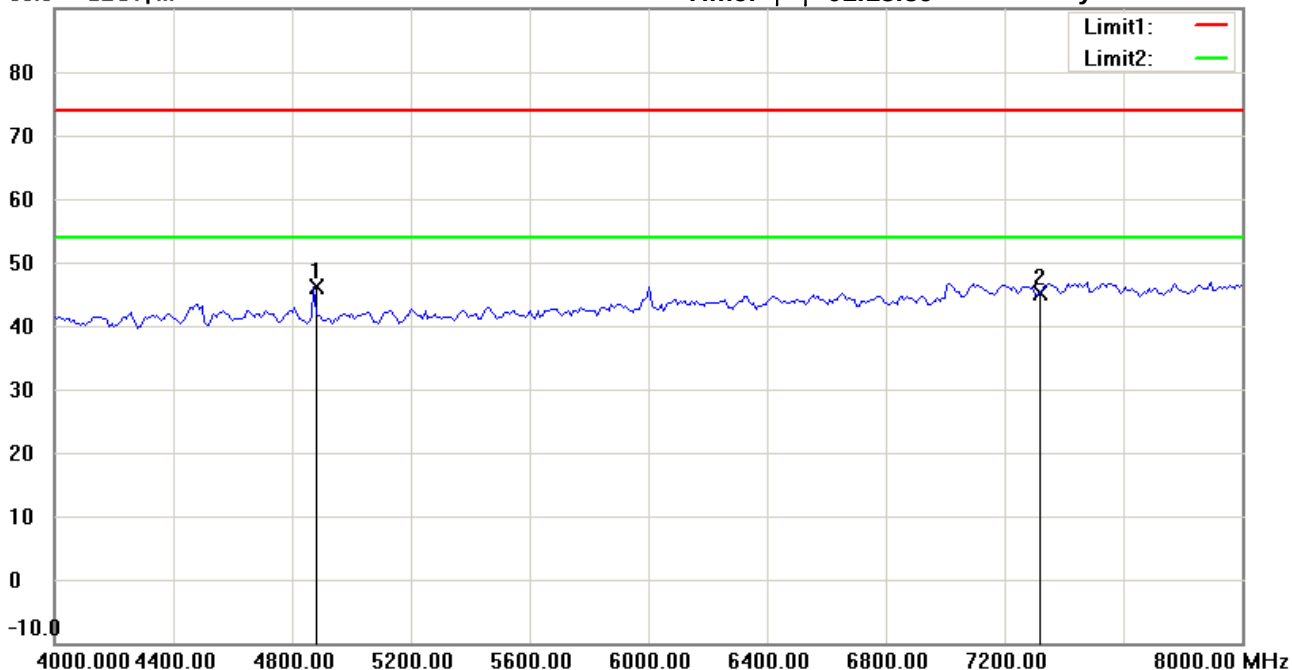
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:13:39

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	46.58	peak	-0.50	46.08	74.00	150	190	-27.92	
	7311.000	40.77	peak	4.43	45.20	74.00	150	140	-28.80	

*: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: Leon

File :3

Data :#3

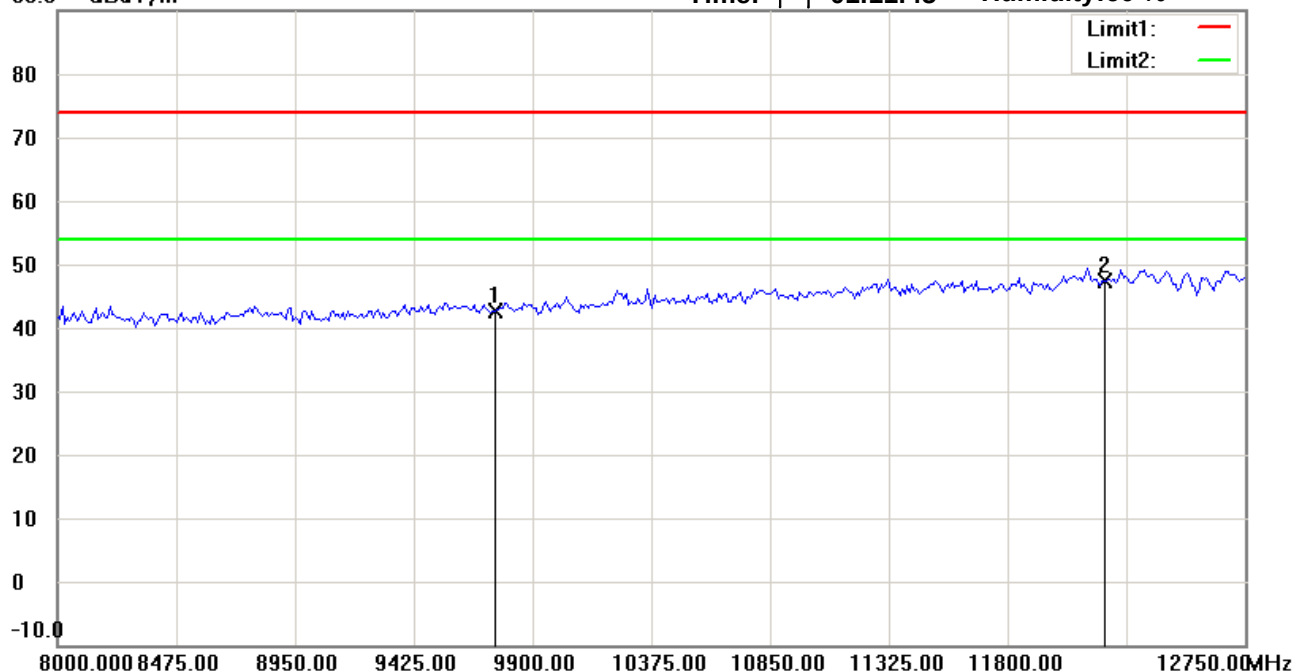
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:11:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.25	peak	7.49	42.74	74.00	150	175	-31.26	
*	12185.000	33.66	peak	13.82	47.48	74.00	150	40	-26.52	

*: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 :#8

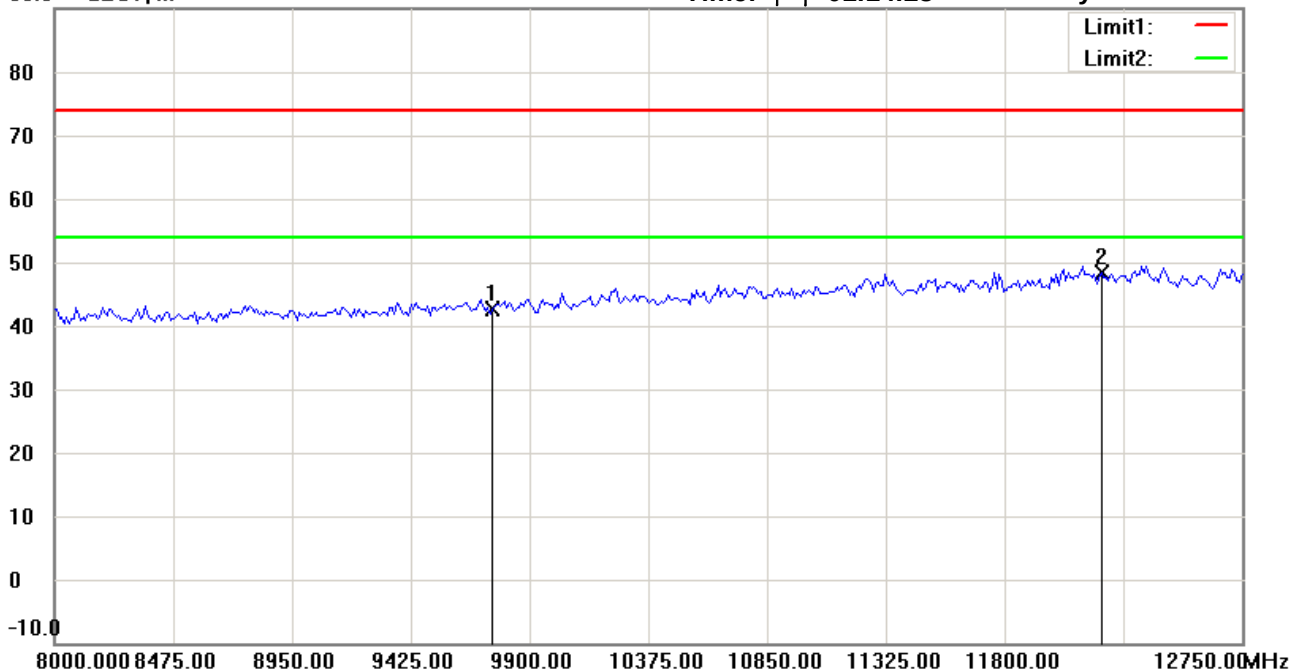
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:14:23

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.02	peak	7.49	42.51	74.00	150	250	-31.49	
*	12185.000	34.44	peak	13.82	48.26	74.00	150	140	-25.74	

*: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 :#4

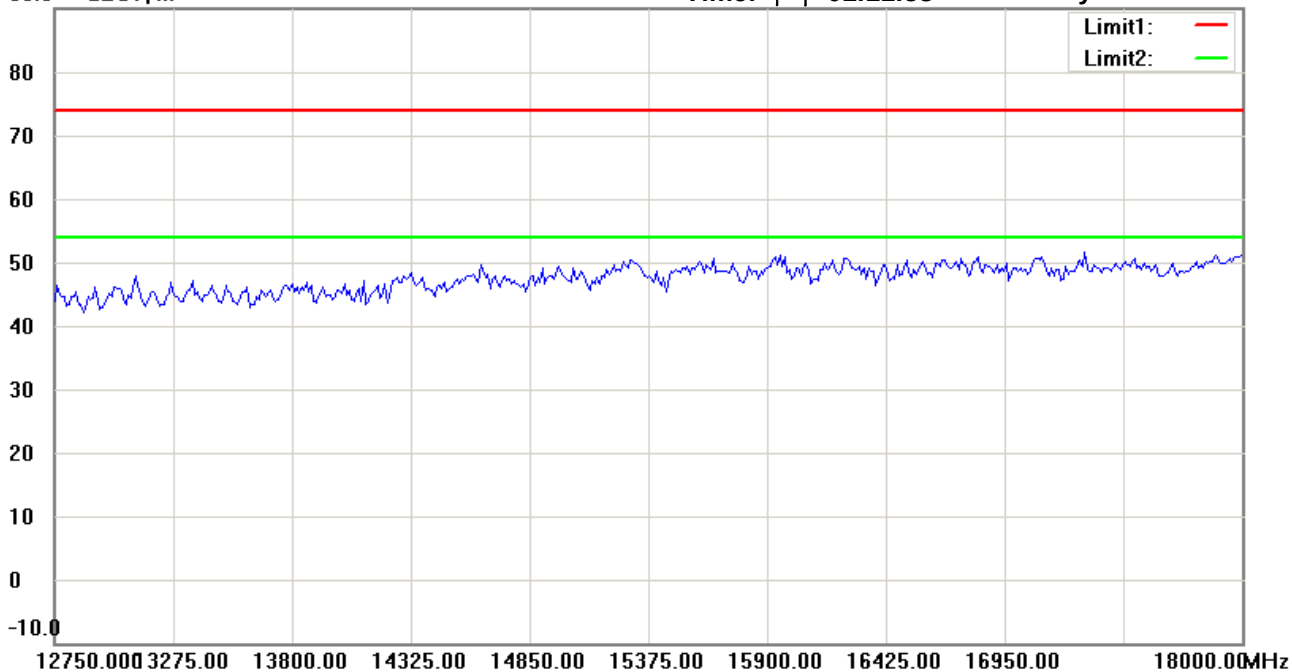
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:11:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: Horizontal

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

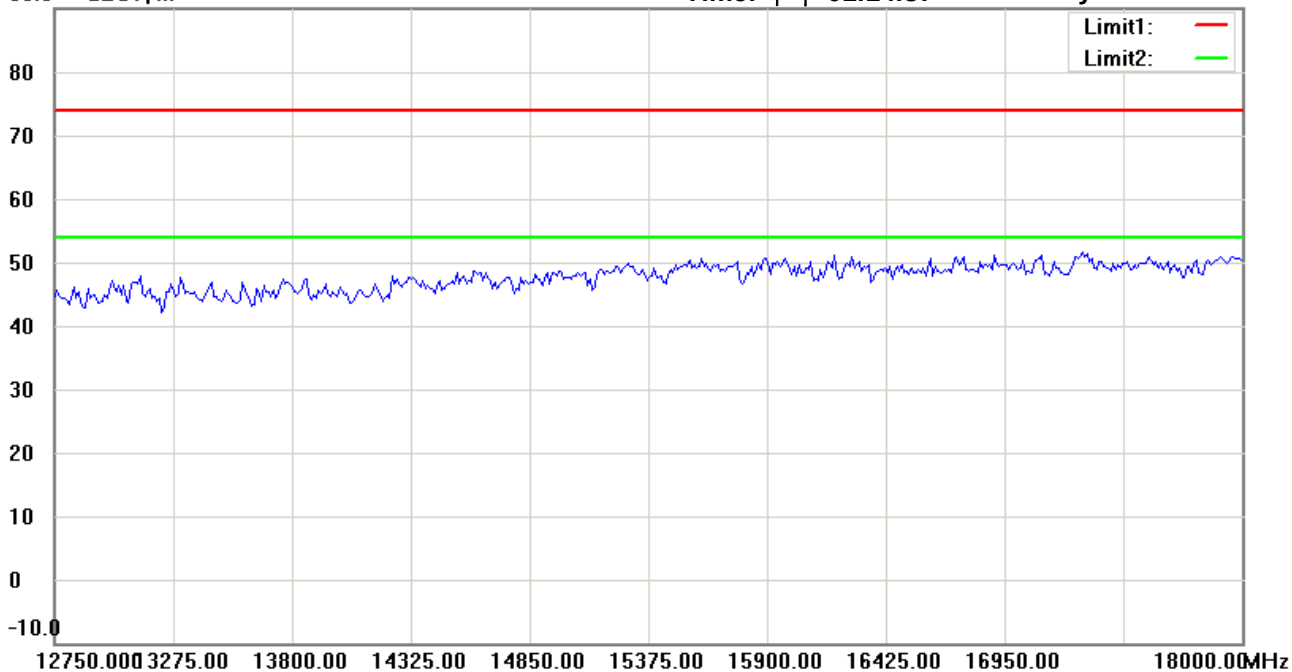
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:14:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

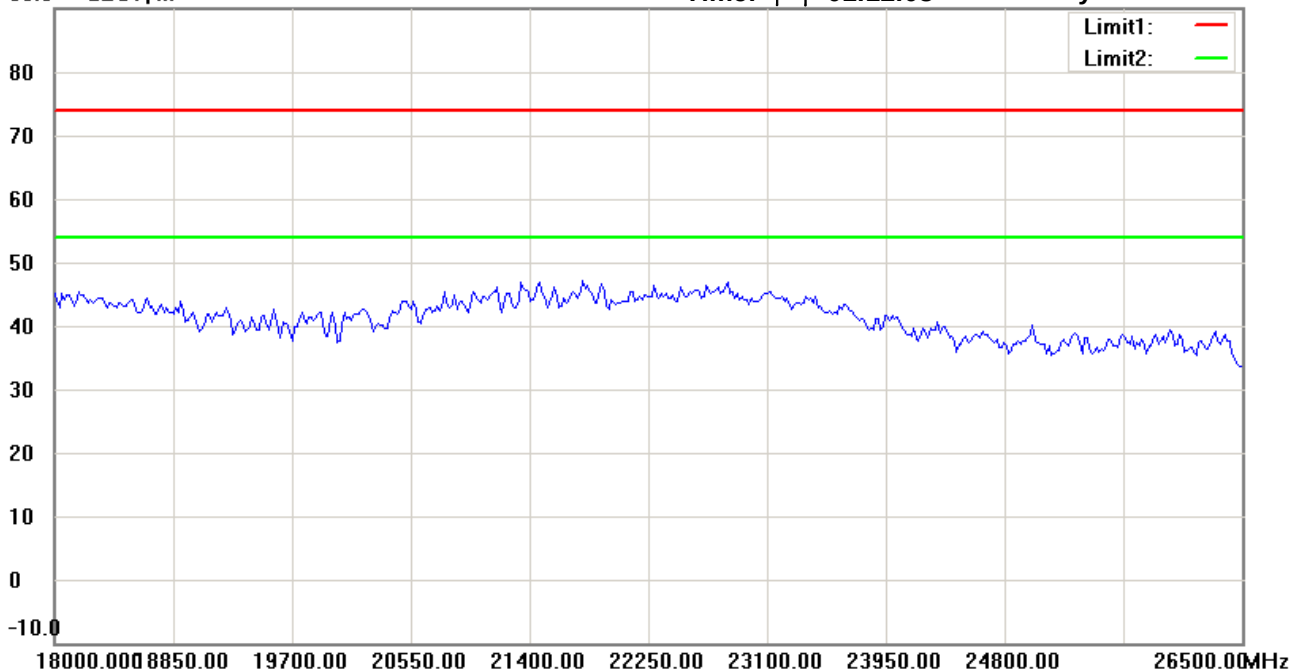
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:12:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

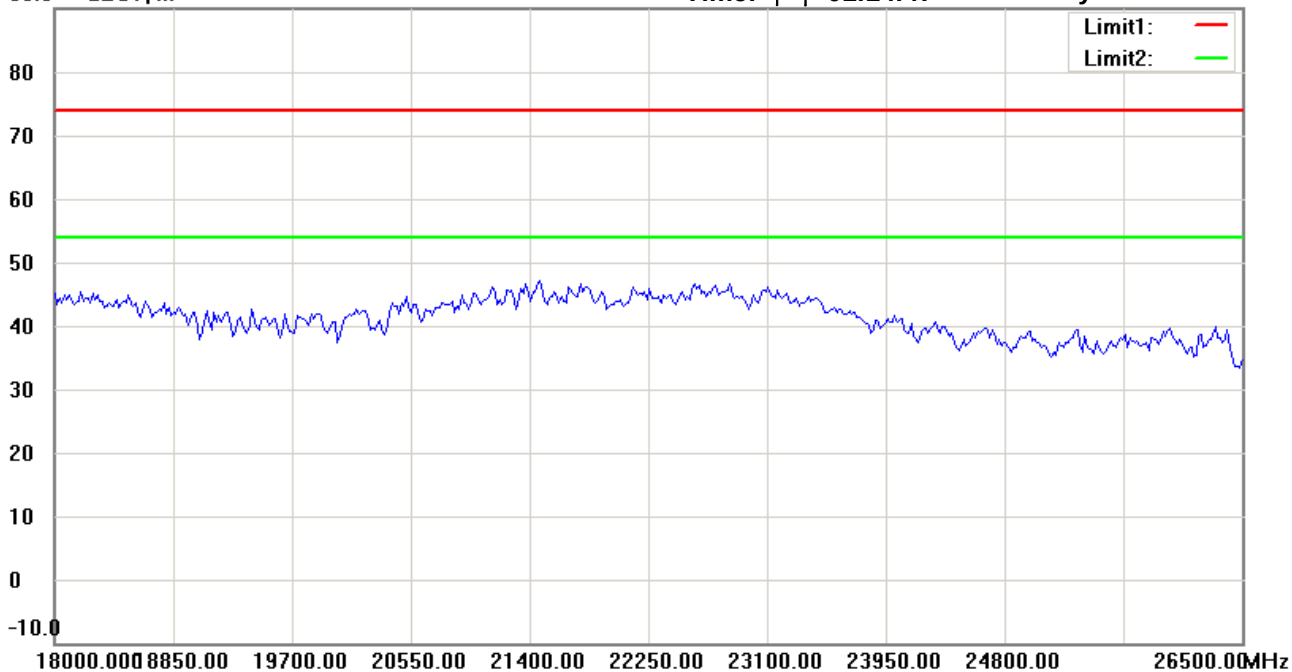
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:14:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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: Roy

File :1

Data :#1

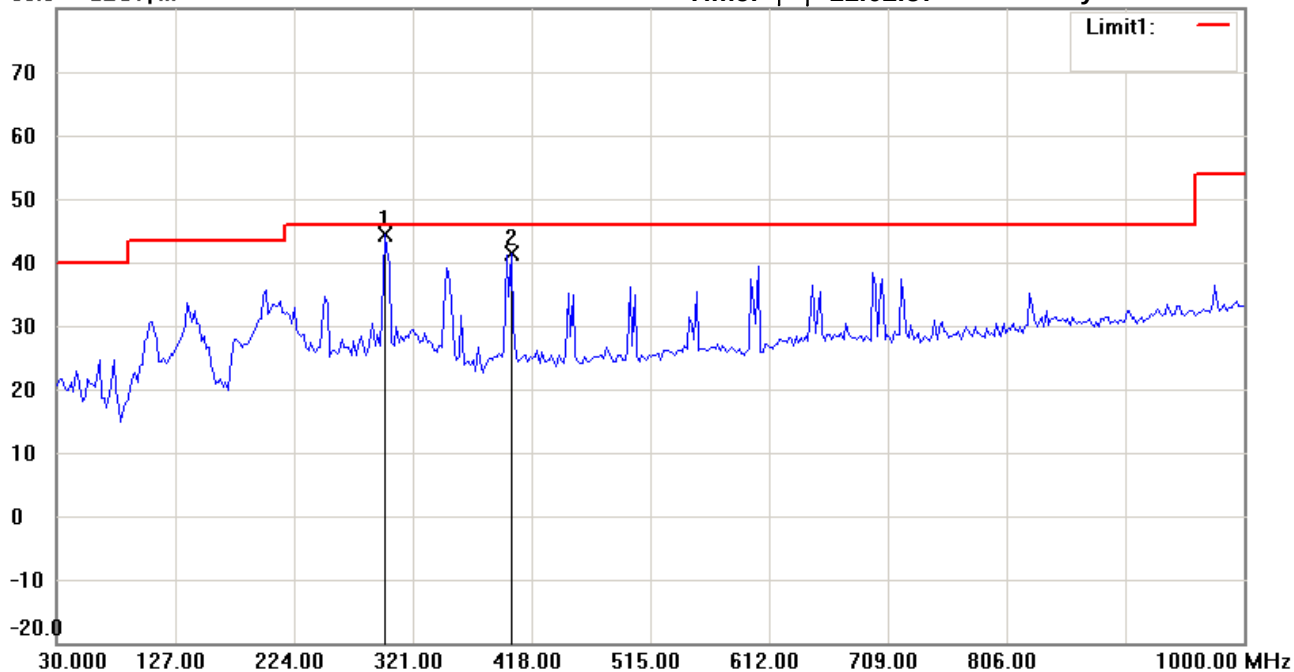
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 11:02:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	50.05	peak	-5.64	44.41	46.00	100	285	-1.59	
	401.2826	45.11	peak	-3.66	41.45	46.00	100	155	-4.55	



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

Operator: Roy

File :1

Data :#2

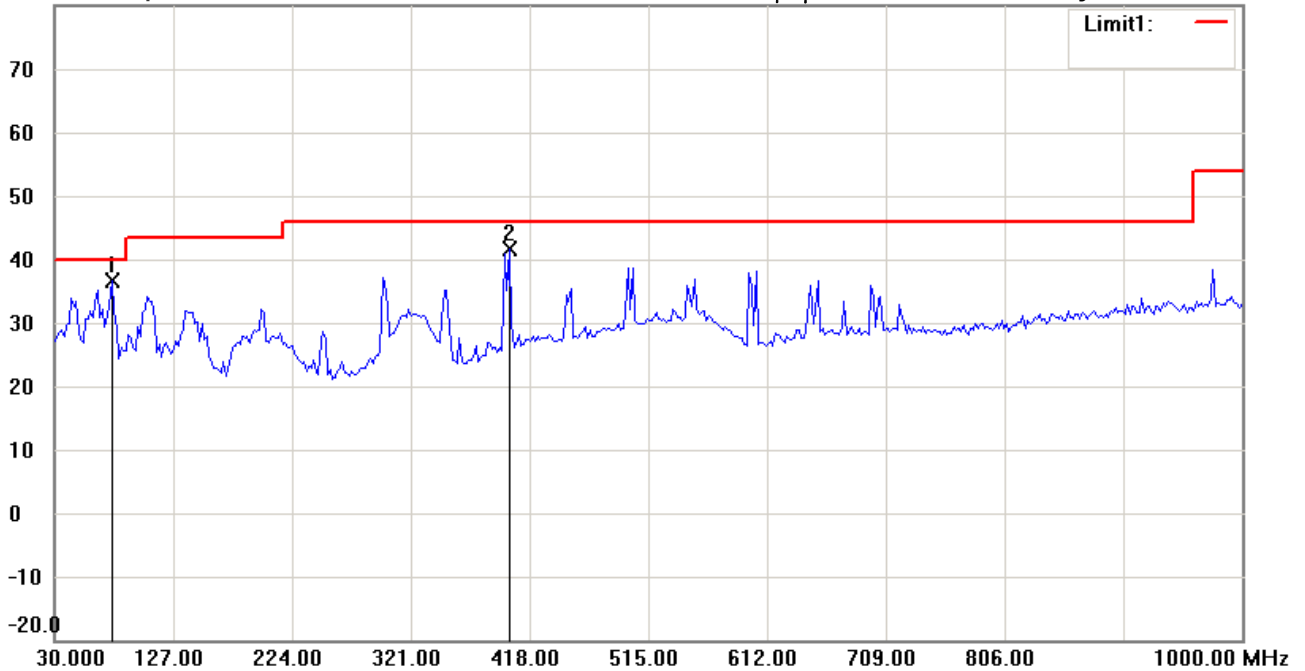
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 11:03:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	76.6533	49.67	peak	-12.97	36.70	40.00	100	85	-3.30	
	401.2826	45.21	peak	-3.66	41.55	46.00	100	240	-4.45	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

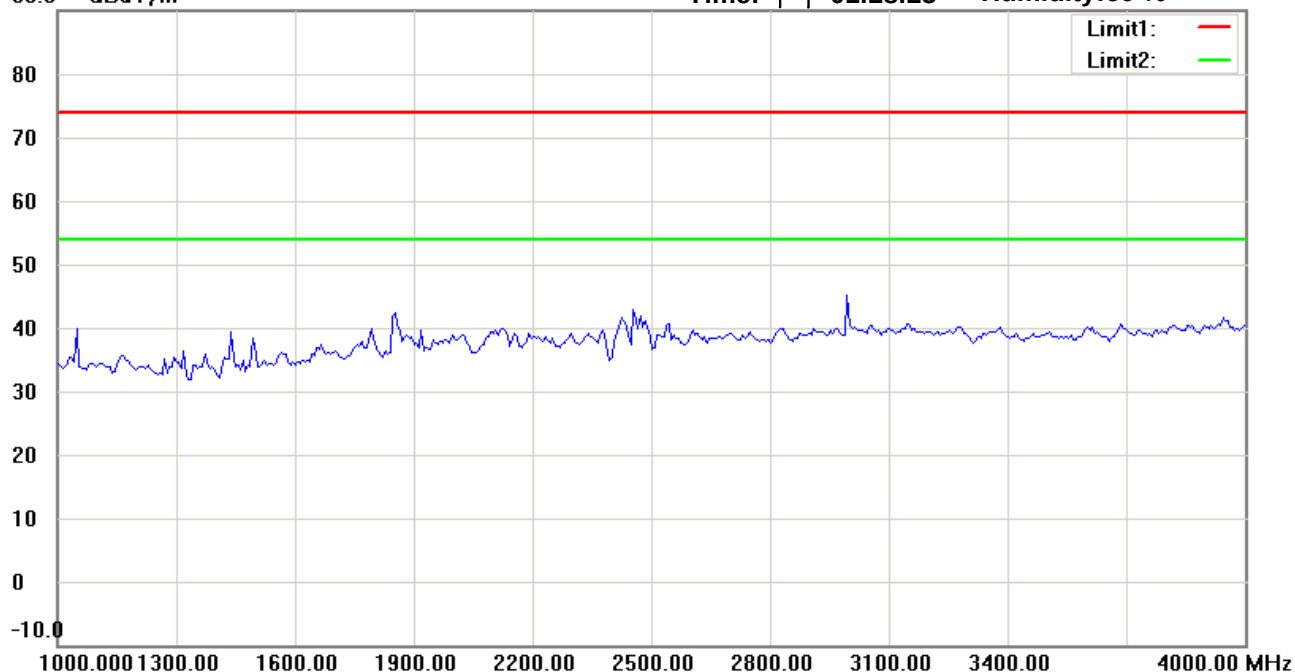
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:28:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: Horizontal

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :3

Data :#6

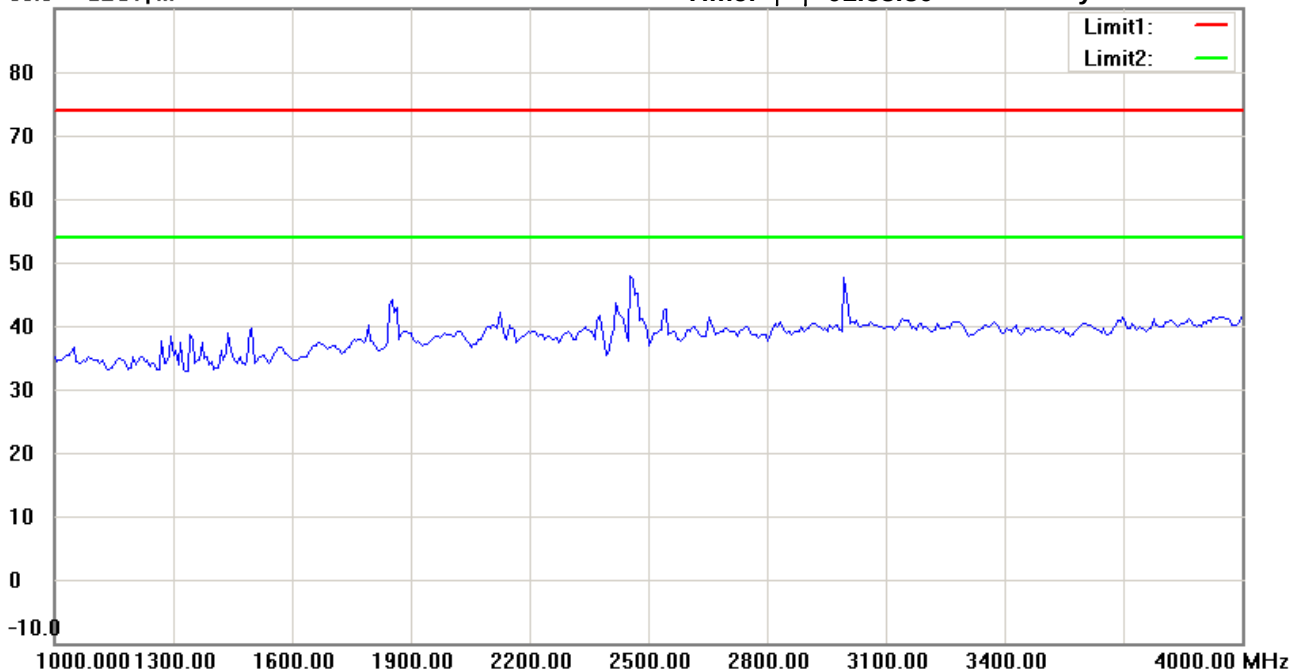
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:38:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :3

Data :#2

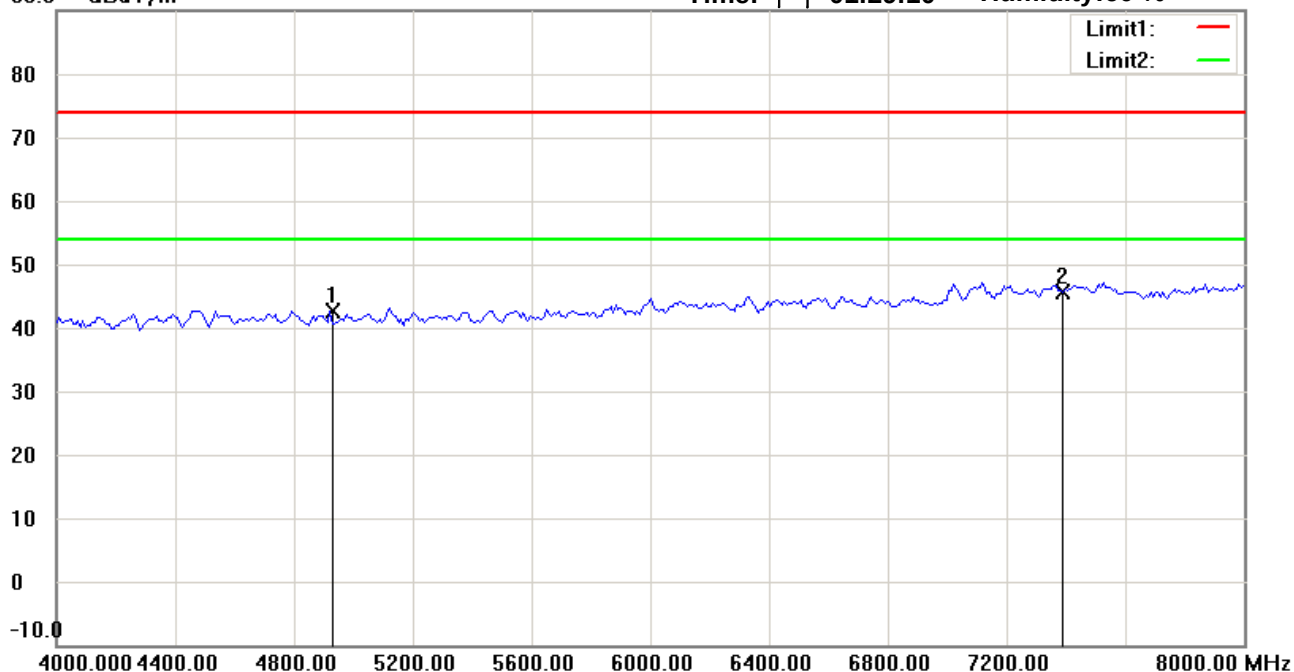
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:29:10

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	42.85	peak	-0.34	42.51	74.00	150	85	-31.49	
*	7386.000	40.64	peak	4.93	45.57	74.00	150	30	-28.43	

*: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 :#7

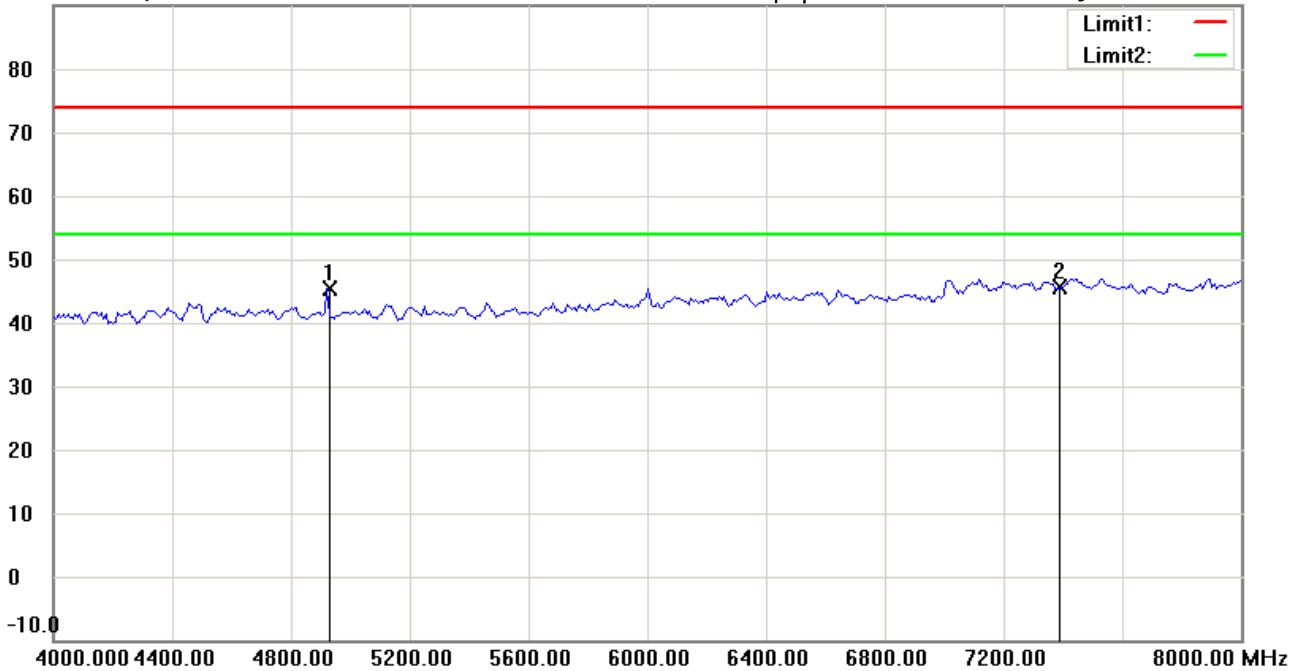
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:39:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	45.77	peak	-0.34	45.43	74.00	150	170	-28.57	
*	7386.000	40.64	peak	4.93	45.57	74.00	150	65	-28.43	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

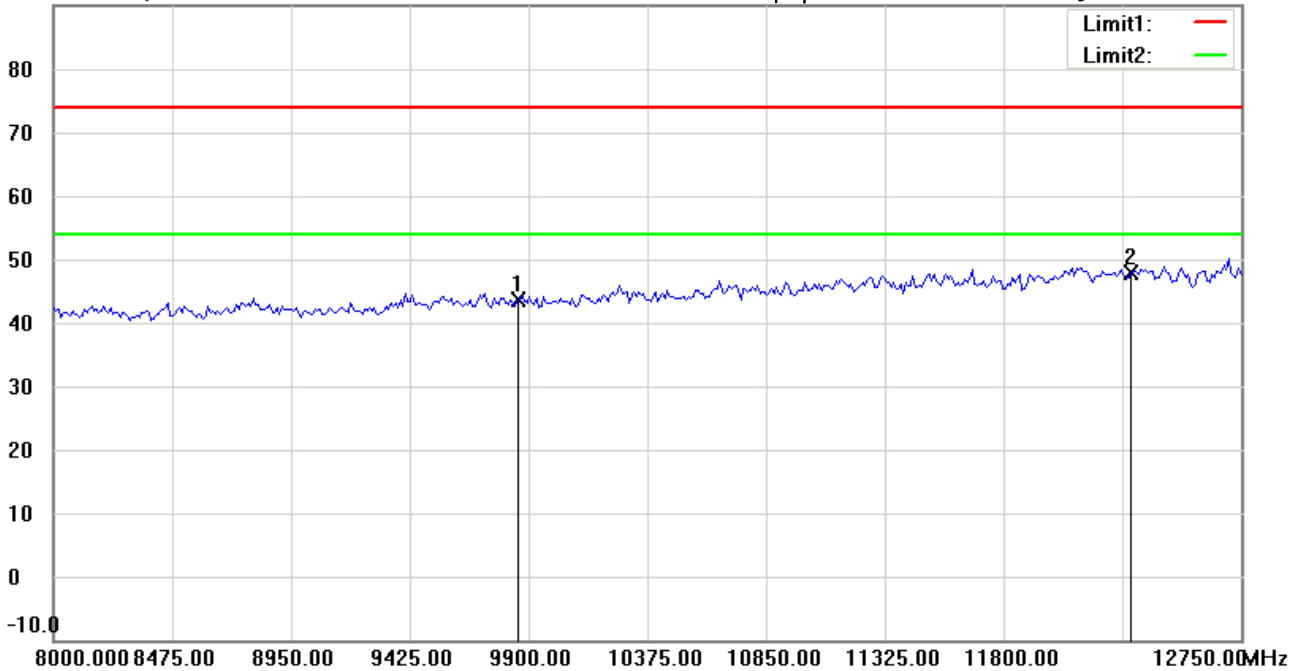
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:30:01

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.92	peak	7.68	43.60	74.00	150	95	-30.40	
*	12310.000	34.53	peak	13.25	47.78	74.00	150	60	-26.22	

*: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

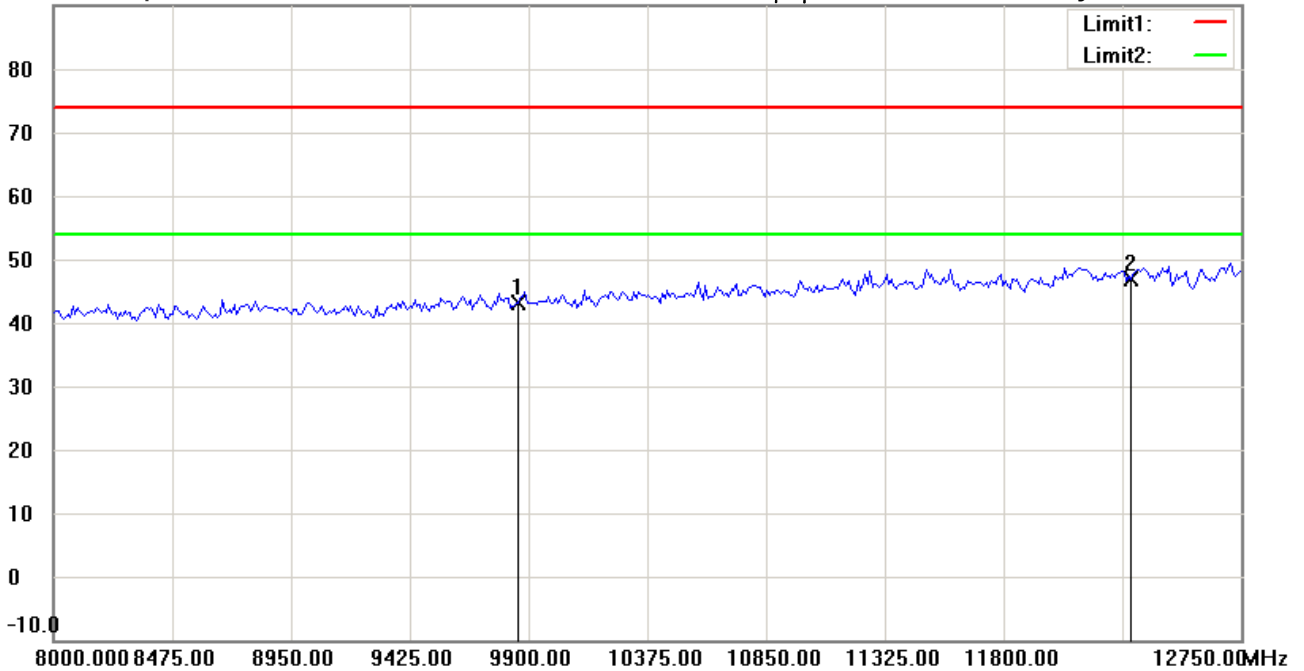
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:40:00

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.40	peak	7.68	43.08	74.00	150	155	-30.92	
*	12310.000	33.75	peak	13.25	47.00	74.00	150	230	-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
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

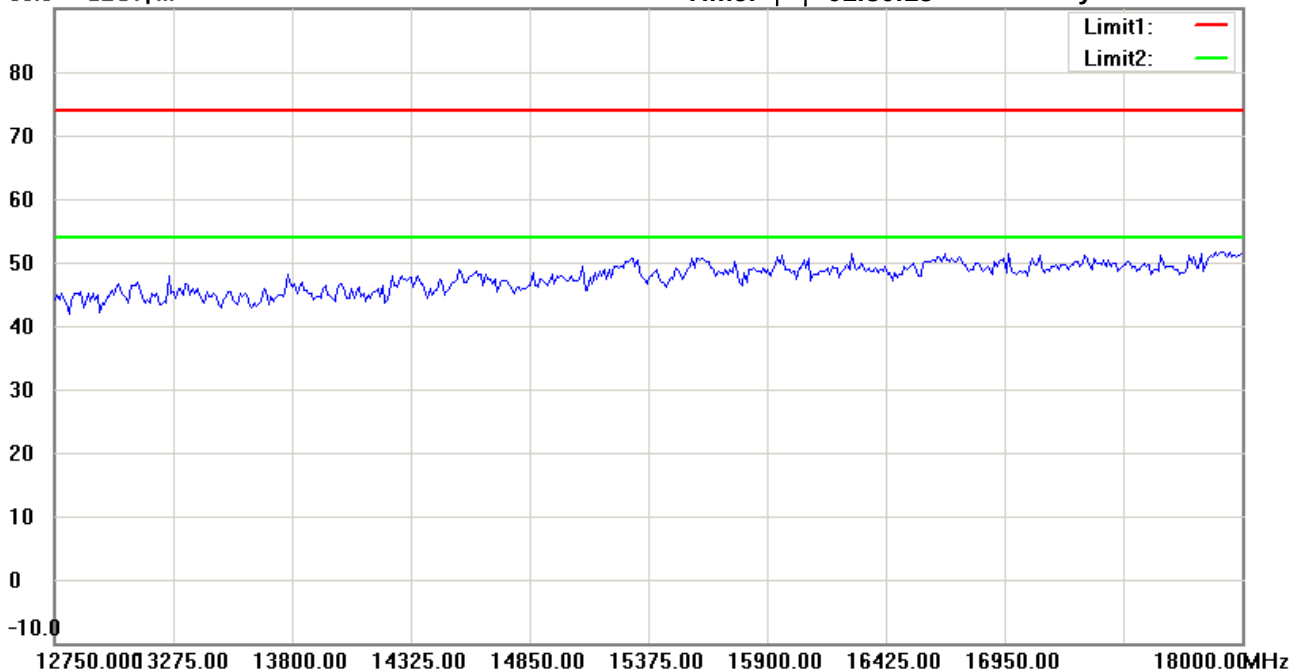
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:30:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

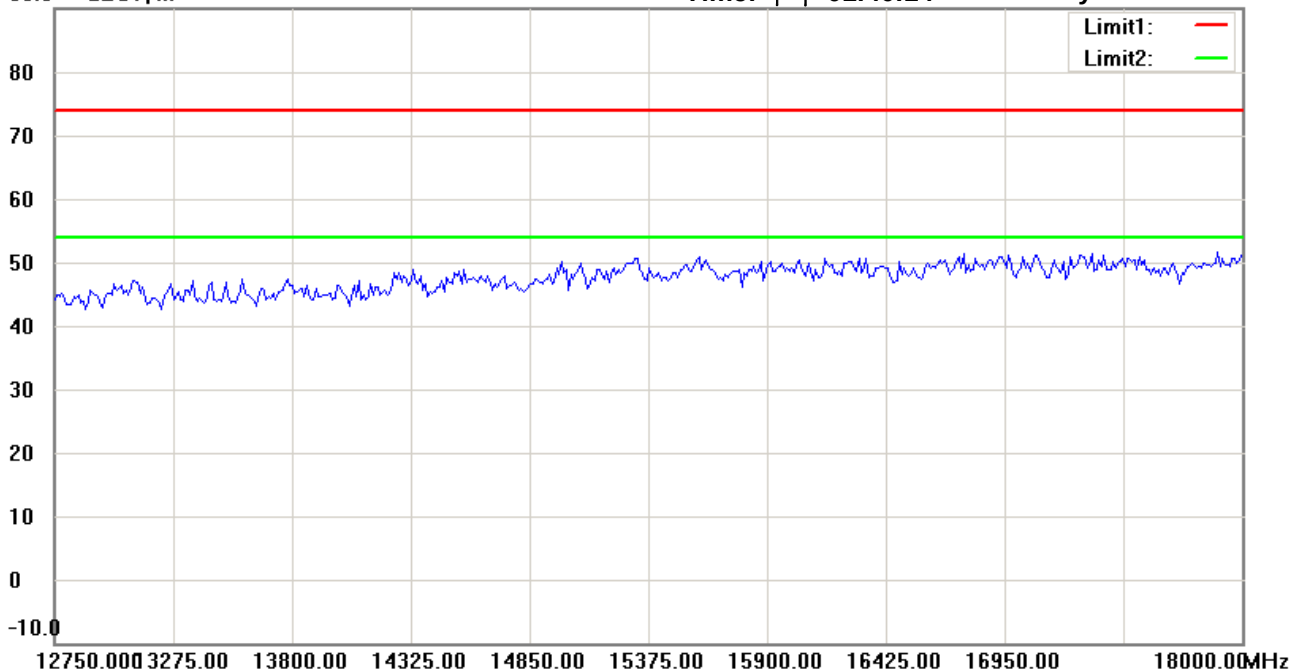
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:40:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

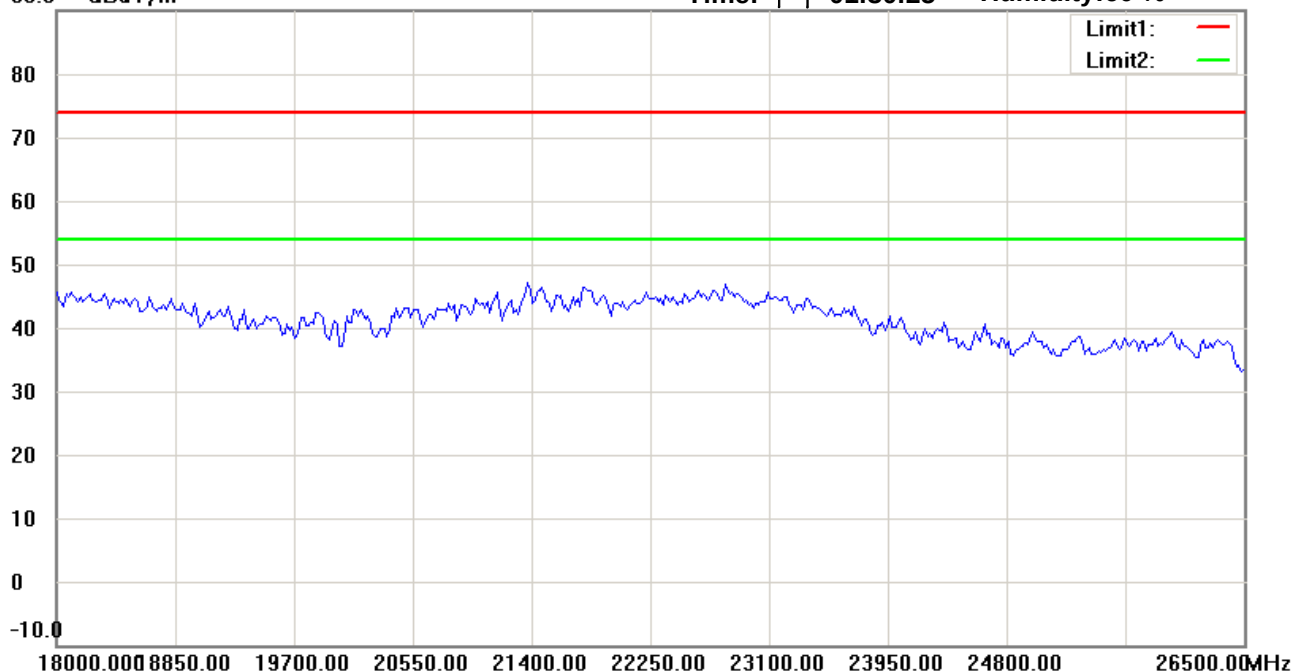
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:30:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :3

Data :#10

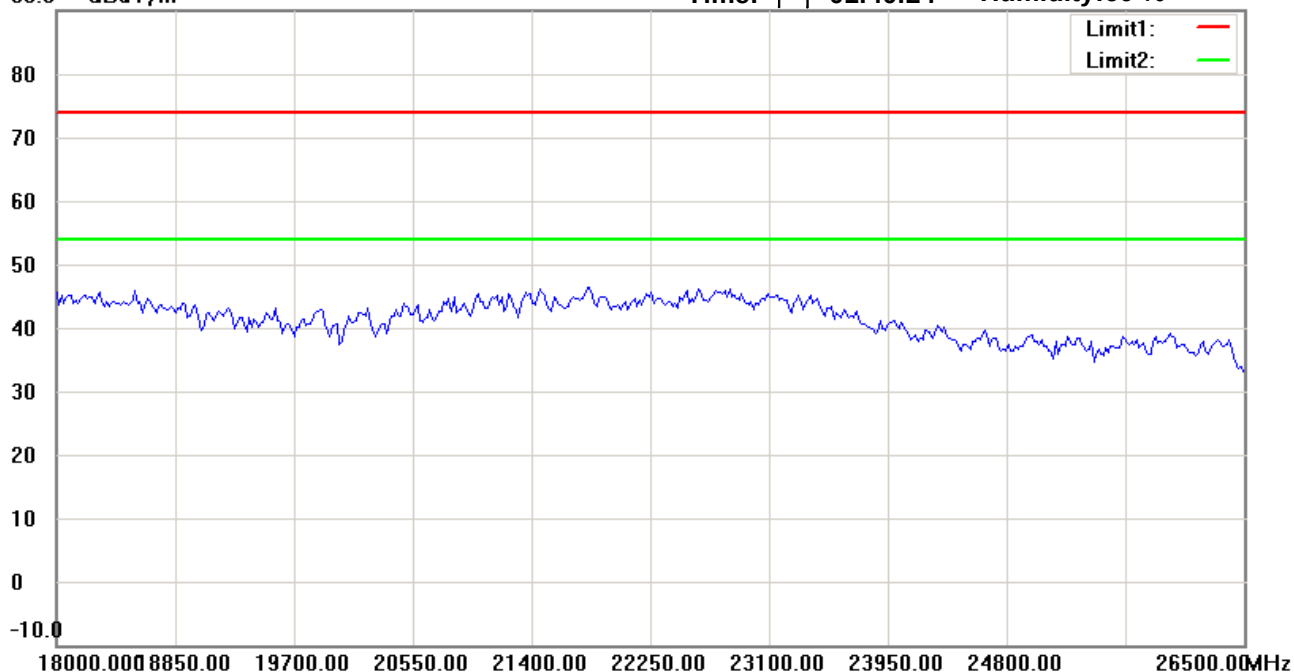
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:40:24

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :1

Data :#1

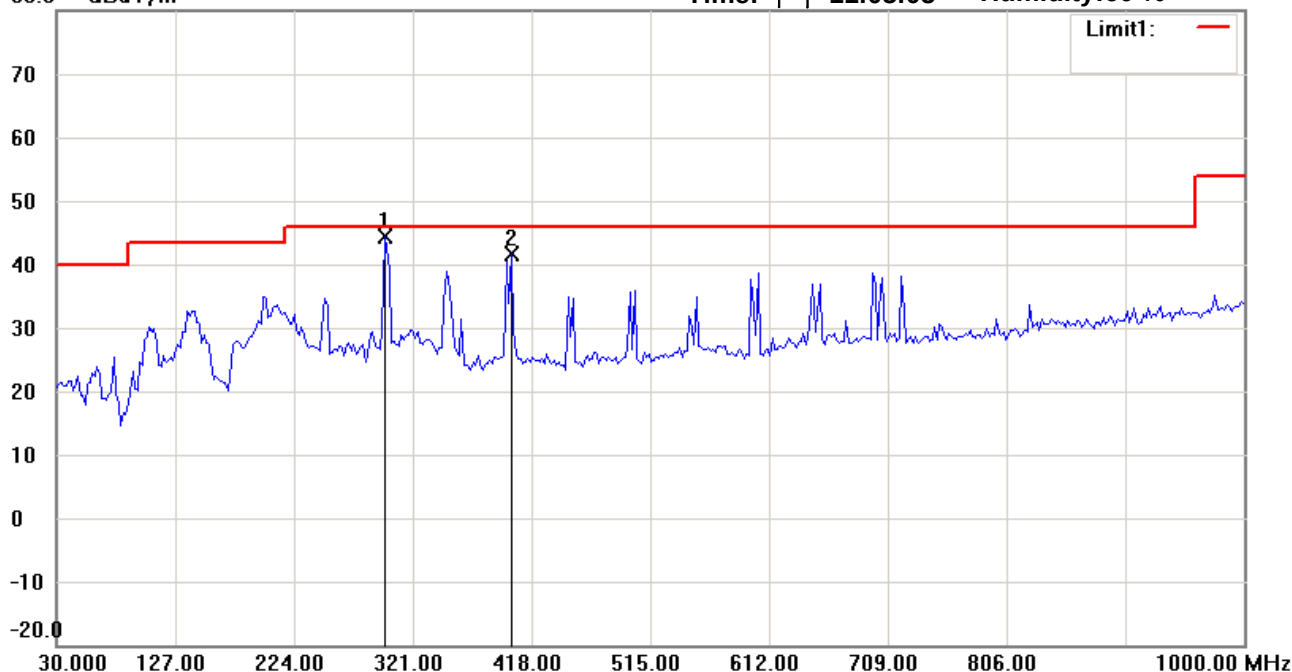
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 11:05:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	50.10	peak	-5.64	44.46	46.00	100	90	-1.54	
	401.2826	45.17	peak	-3.66	41.51	46.00	100	275	-4.49	

*: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 :1

Data :#2

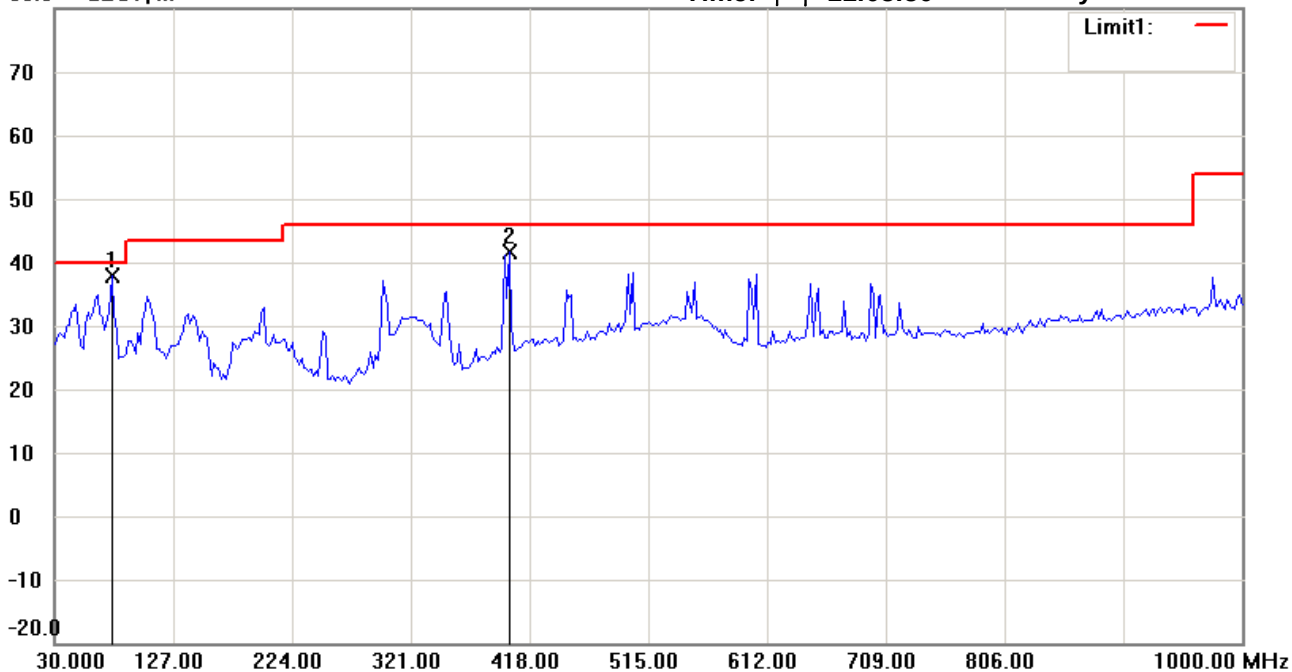
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 11:05:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	76.6533	50.87	peak	-12.97	37.90	40.00	100	30	-2.10	
	401.2826	45.28	peak	-3.66	41.62	46.00	100	165	-4.38	

*: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: Leon

File :3

Data :#1

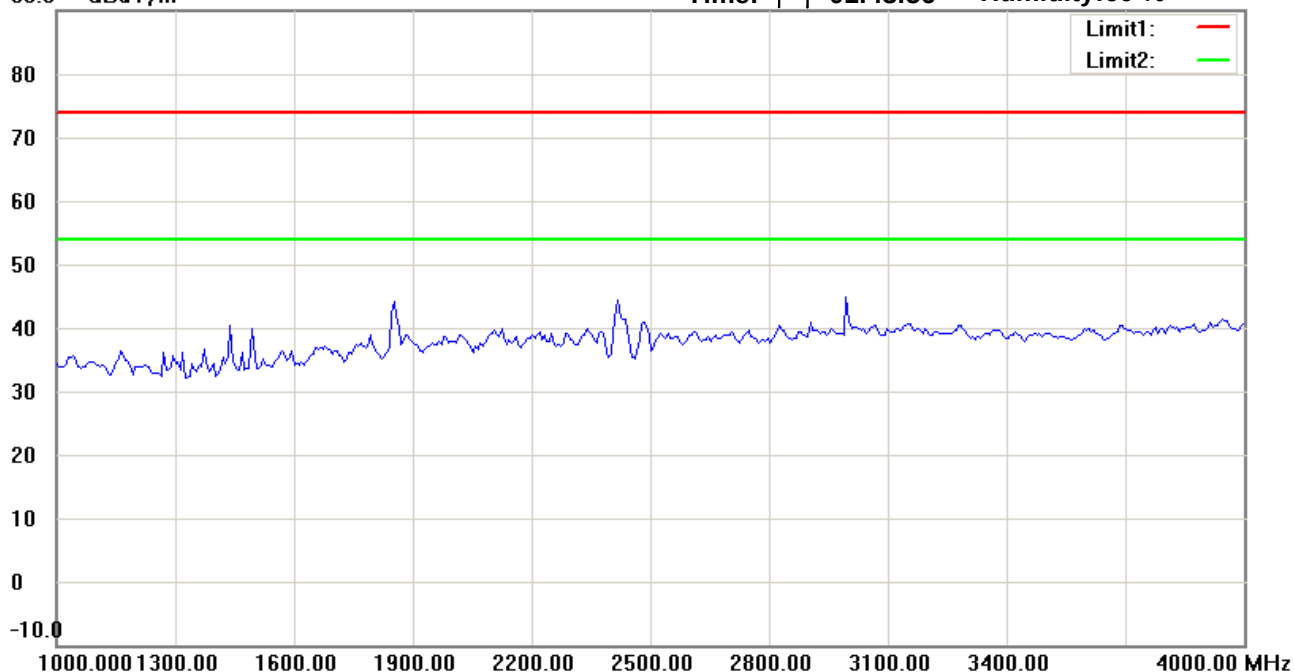
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:43:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

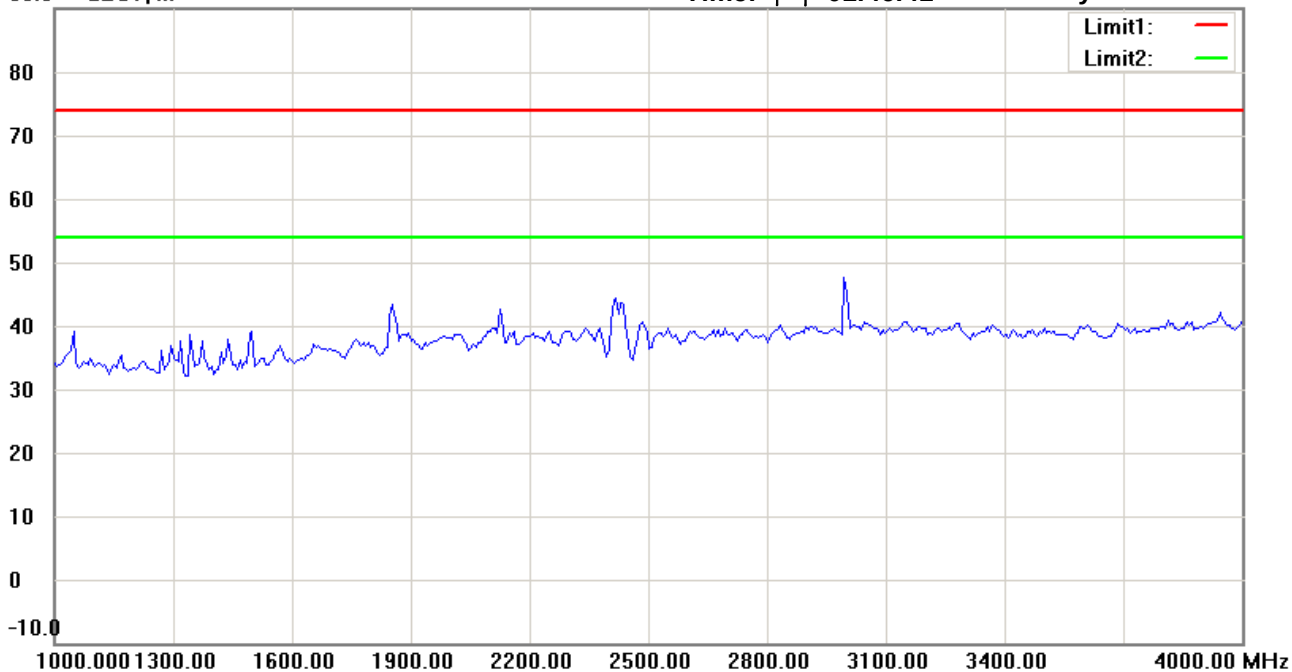
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:46:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :3

Data :#2

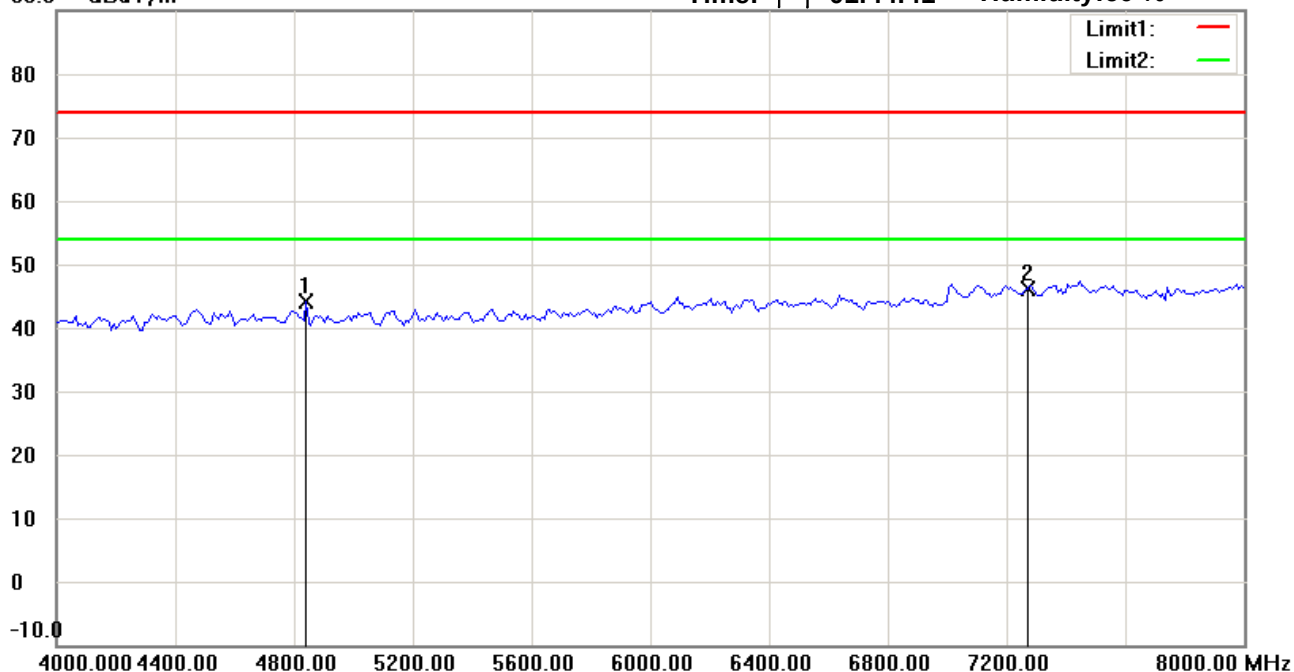
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:44:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4841.683	44.59	peak	-0.54	44.05	74.00	150	80	-29.95	
*	7266.000	41.90	peak	4.32	46.22	74.00	150	175	-27.78	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

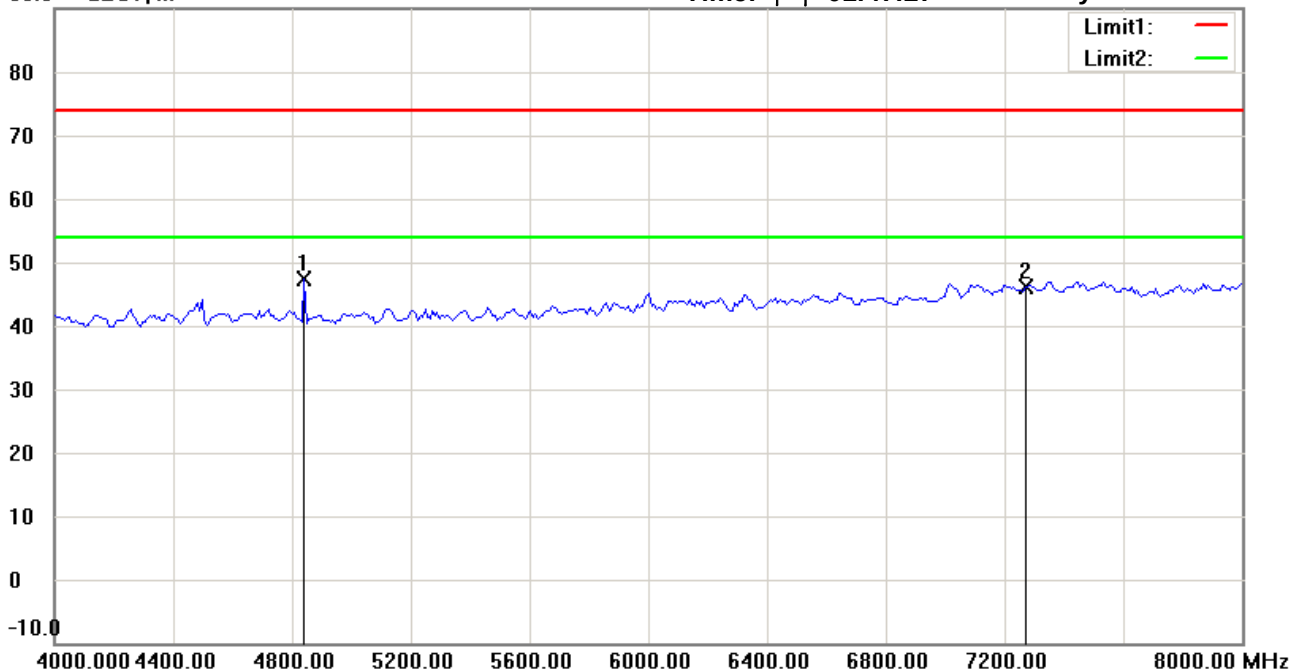
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:47:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4841.683	47.80	peak	-0.54	47.26	74.00	150	40	-26.74	
	7266.000	41.88	peak	4.32	46.20	74.00	150	175	-27.80	

*: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: Leon

File :3

Data :#3

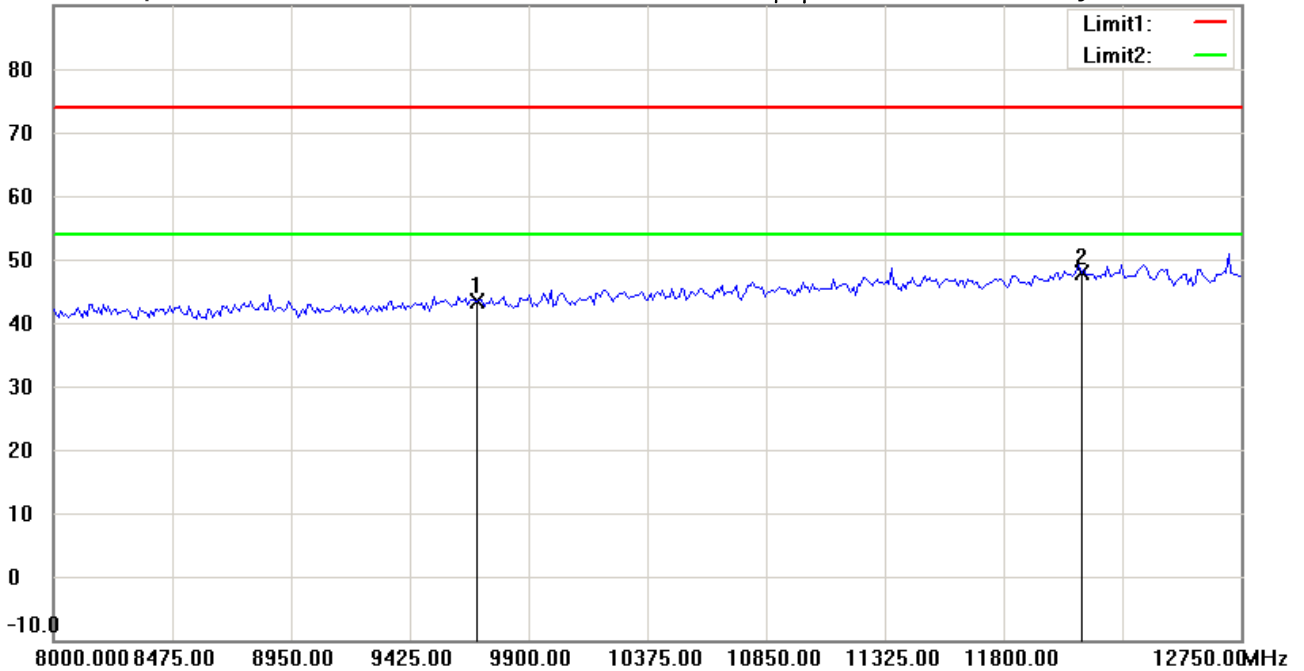
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:45:33

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.86	peak	7.44	43.30	74.00	150	235	-30.70	
*	12110.000	34.11	peak	13.76	47.87	74.00	150	160	-26.13	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

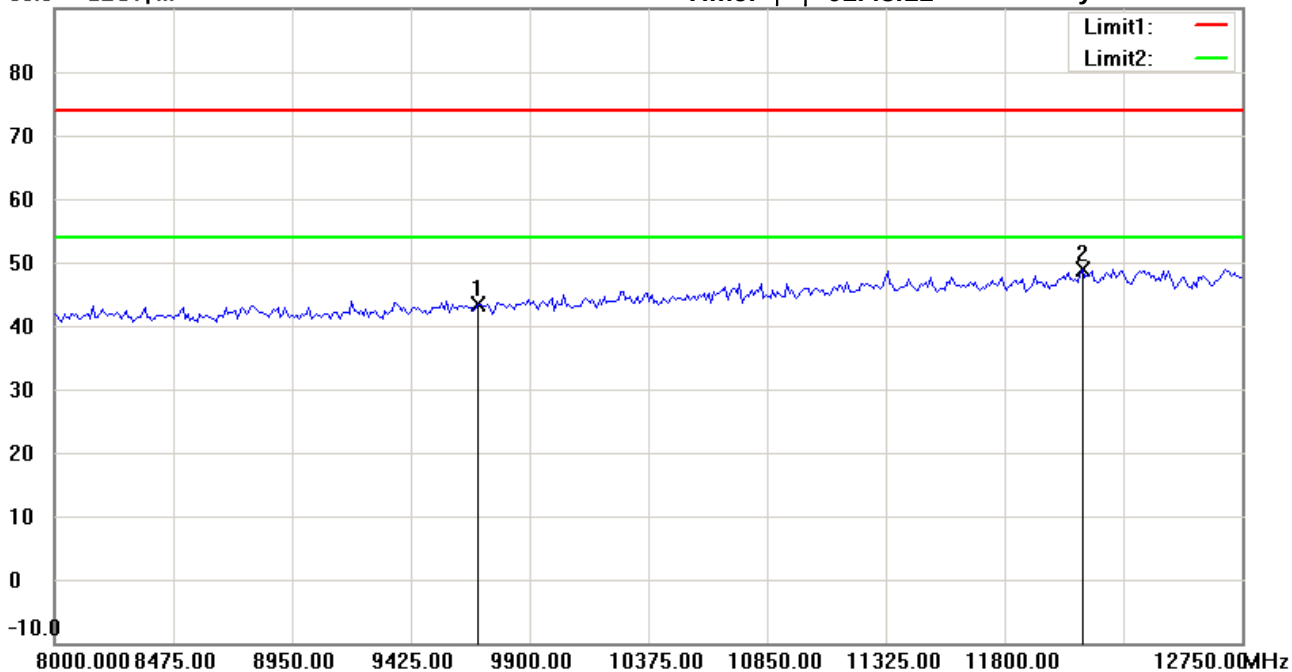
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:48:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.96	peak	7.44	43.40	74.00	150	50	-30.60	
*	12110.000	35.05	peak	13.76	48.81	74.00	150	35	-25.19	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

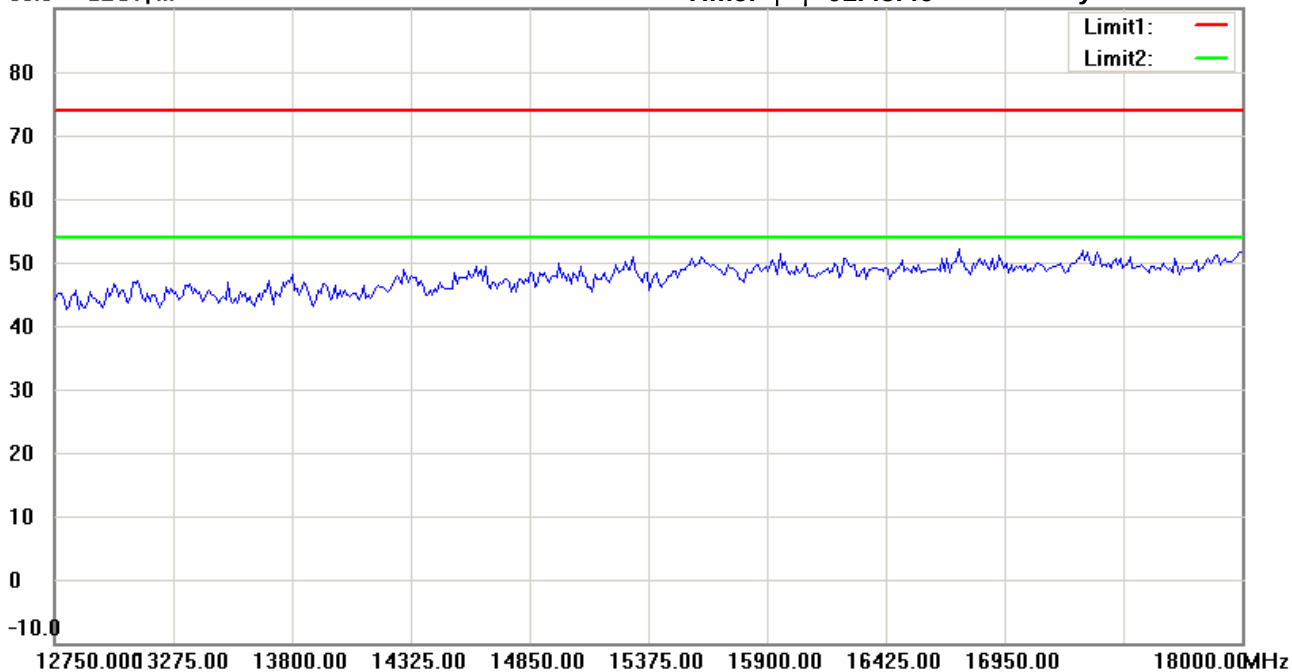
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:45:46

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

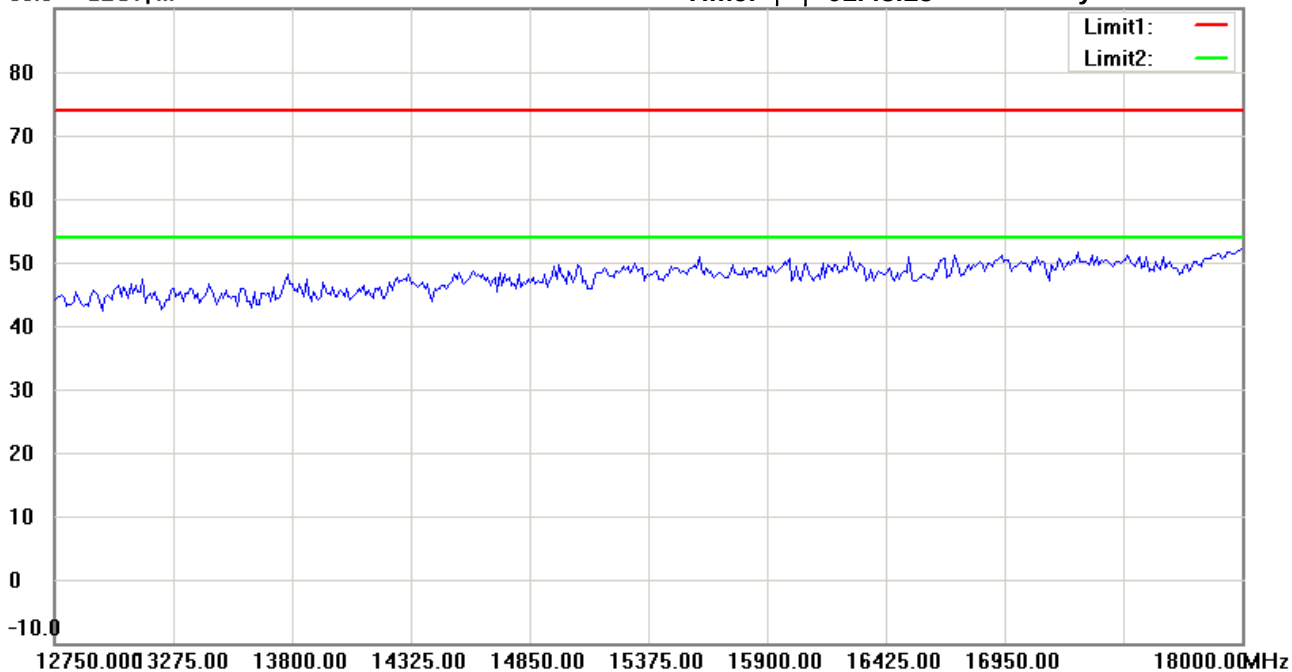
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:48:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

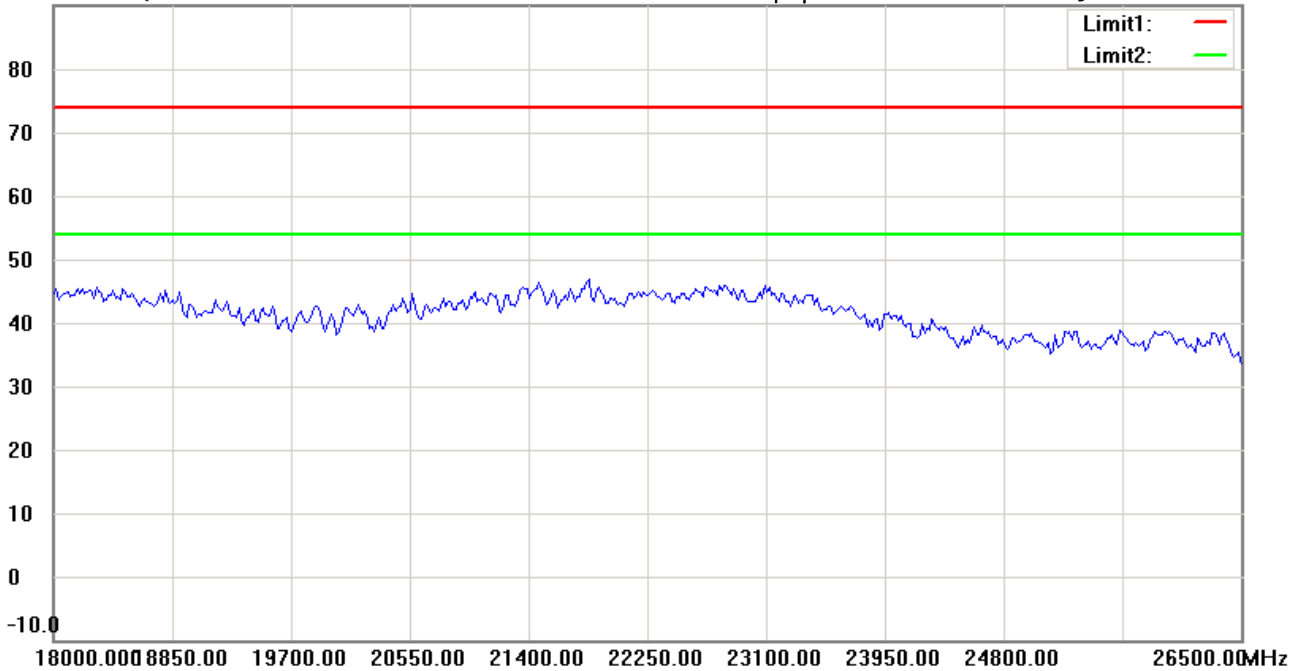
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:45:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: Horizontal

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :3

Data :#10

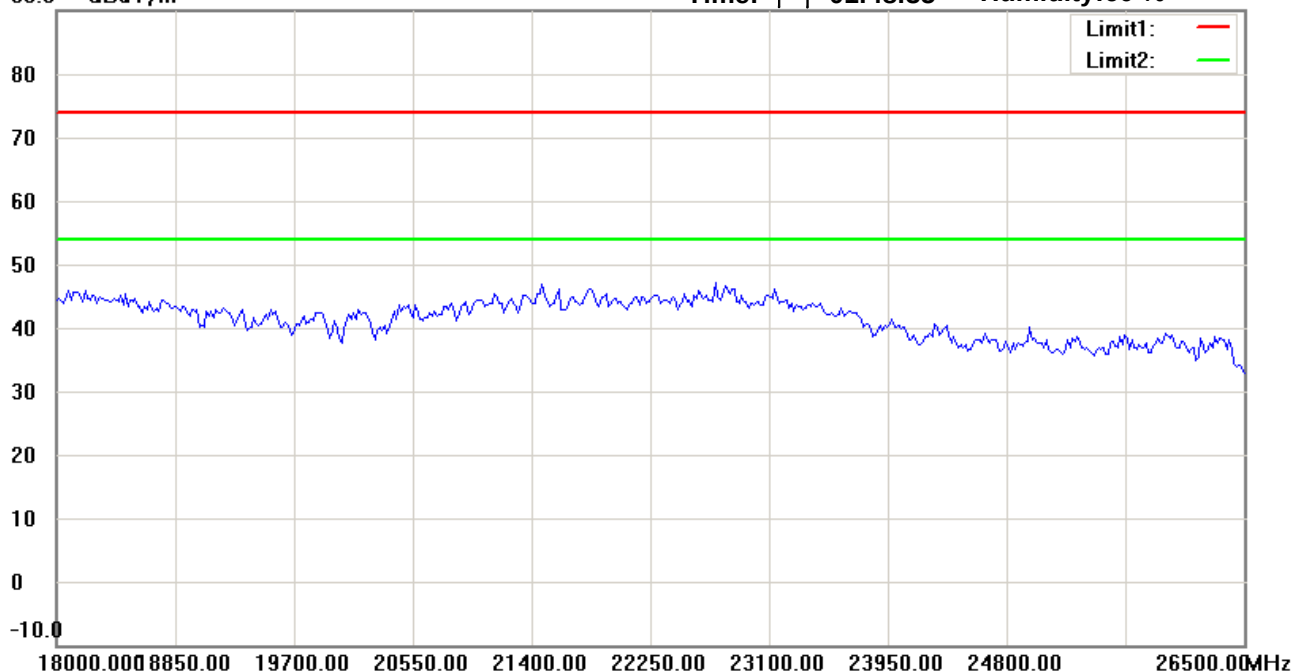
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 01:48:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :1

Data :#1

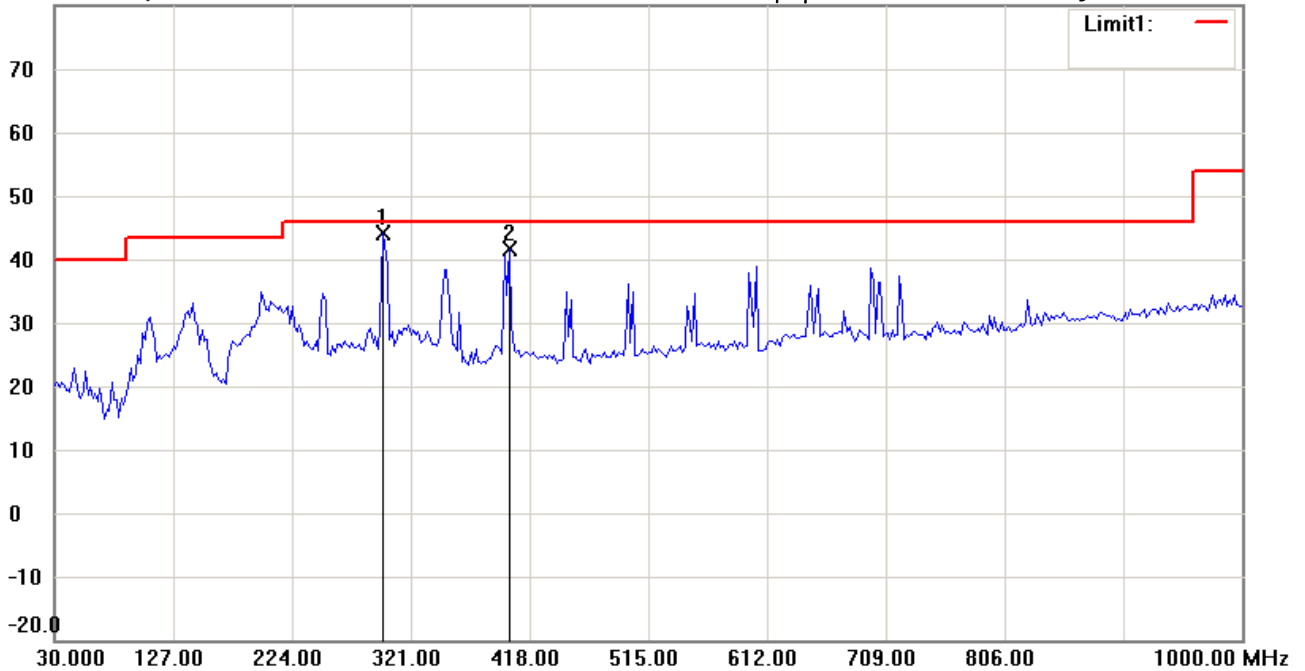
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 11:07:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	49.76	peak	-5.64	44.12	46.00	100	215	-1.88	
	401.2826	45.21	peak	-3.66	41.55	46.00	100	50	-4.45	

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



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

Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

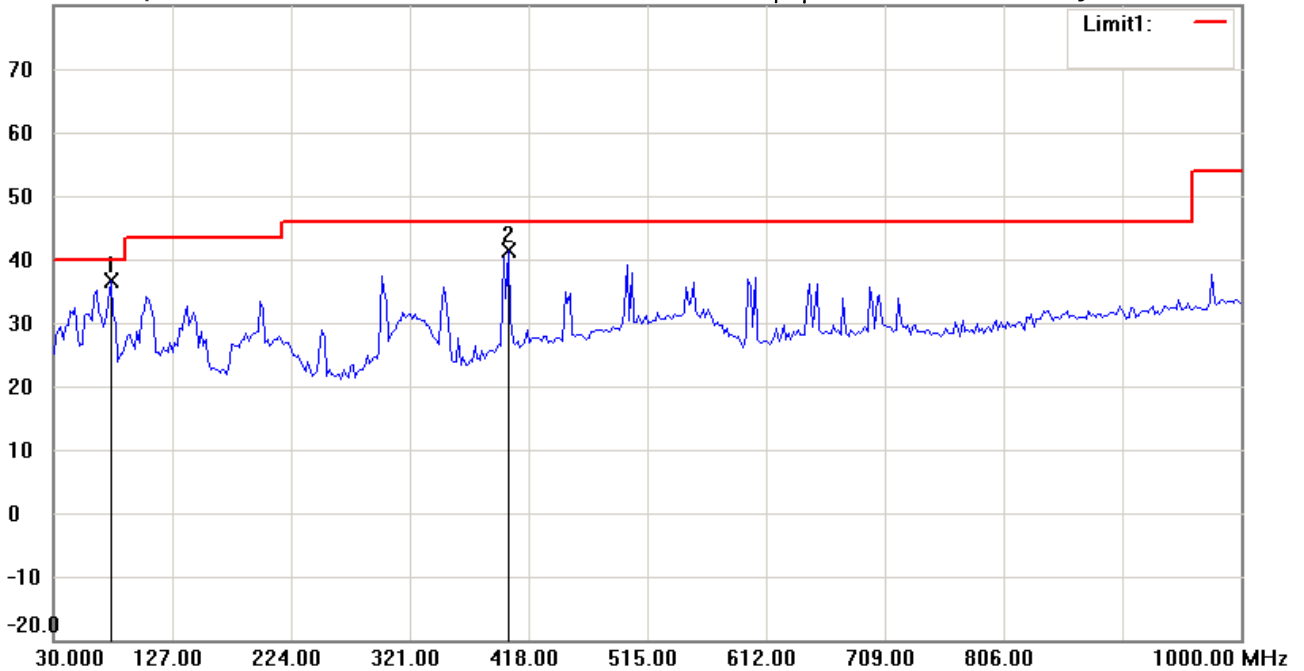
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 11:08:00

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	76.6533	49.58	peak	-12.97	36.61	40.00	100	335	-3.39	
	401.2826	44.97	peak	-3.66	41.31	46.00	100	180	-4.69	

*: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

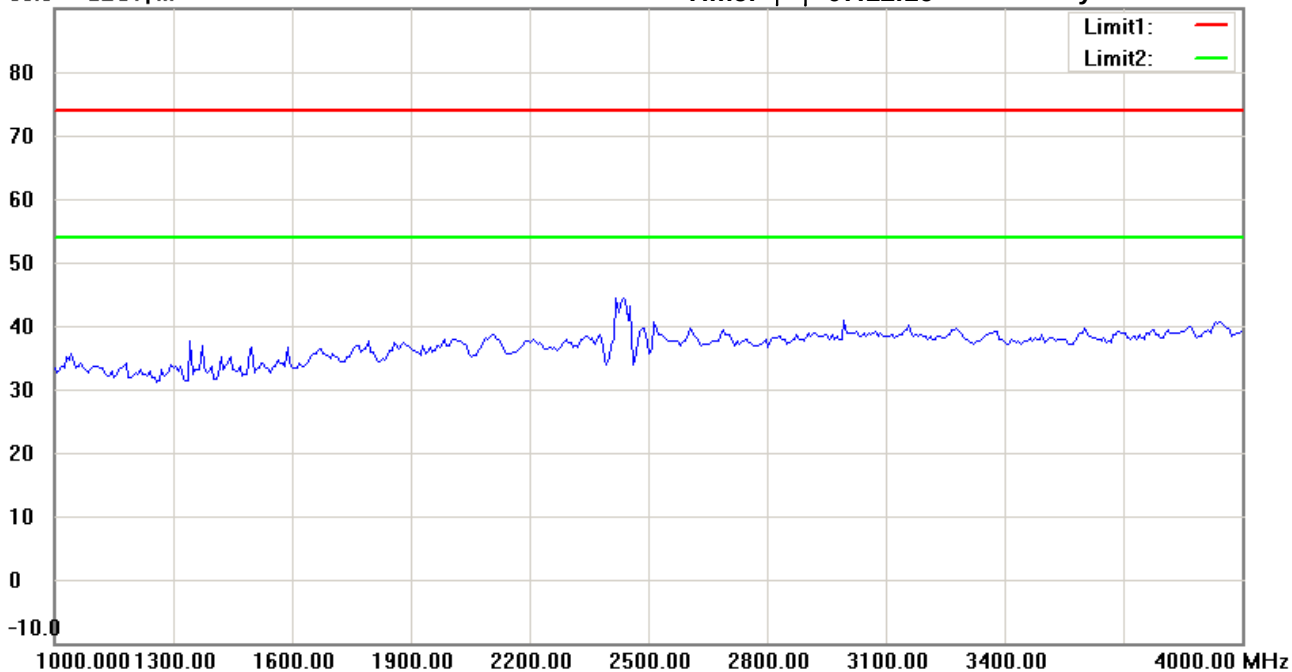
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:12:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: Horizontal

Power : 48 Vd.c.

Distance: 3m

Mk.	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

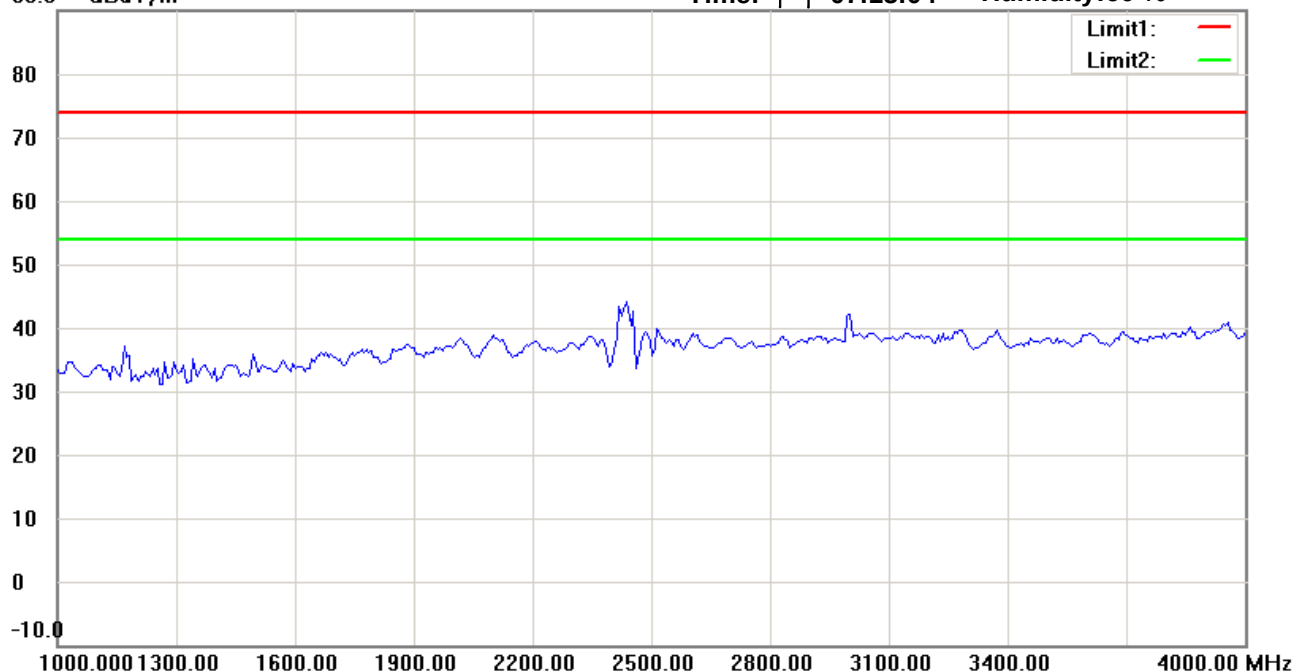
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:15:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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

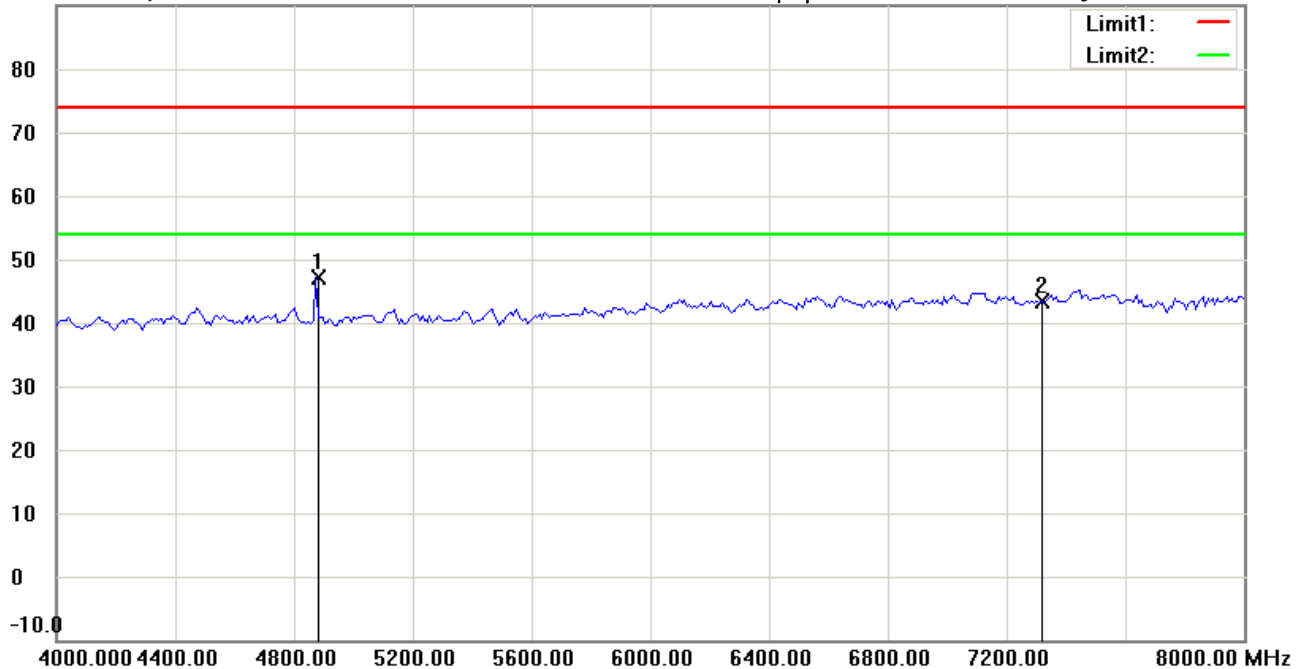
Date: 2016/9/23

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 07:13:02

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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	47.65	peak	-0.50	47.15	74.00	150	65	-26.85	
	7311.000	38.98	peak	4.43	43.41	74.00	150	180	-30.59	

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #7

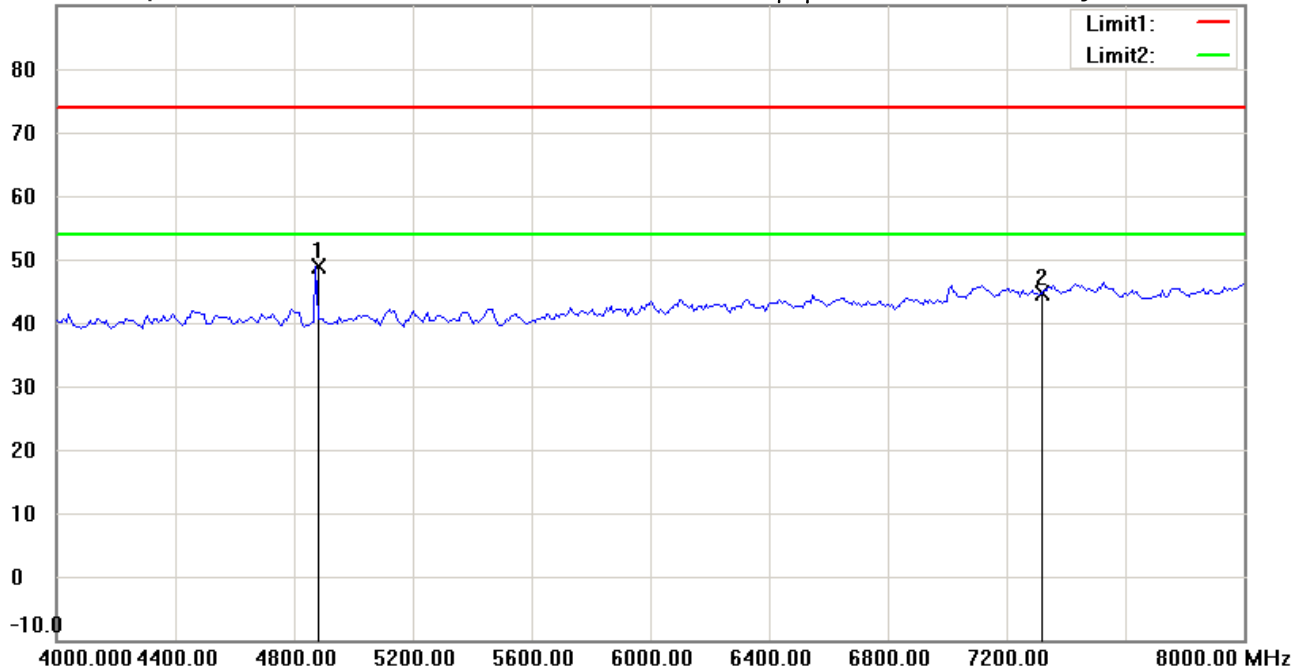
Date: 2016/9/23

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 07:15:50

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	49.29	peak	-0.50	48.79	74.00	150	315	-25.21	
	7311.000	40.29	peak	4.43	44.72	74.00	150	70	-29.28	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

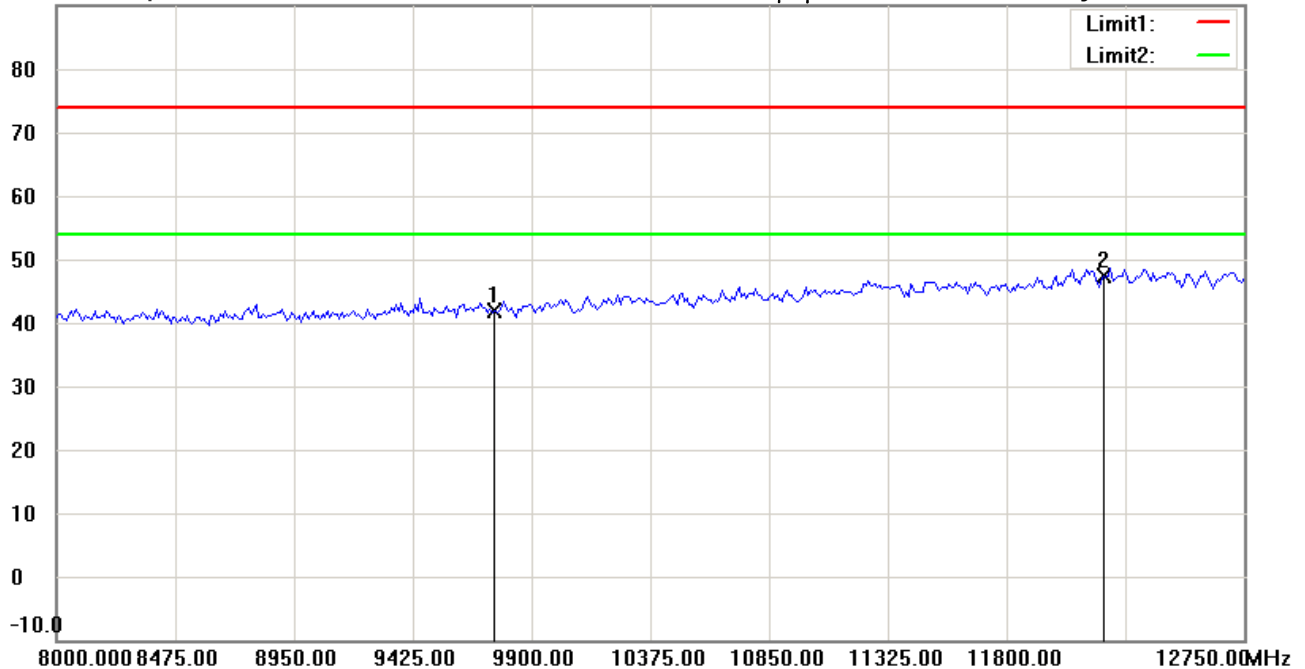
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:13:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	34.32	peak	7.49	41.81	74.00	150	100	-32.19	
*	12185.000	33.67	peak	13.82	47.49	74.00	150	25	-26.51	

*: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 :#8

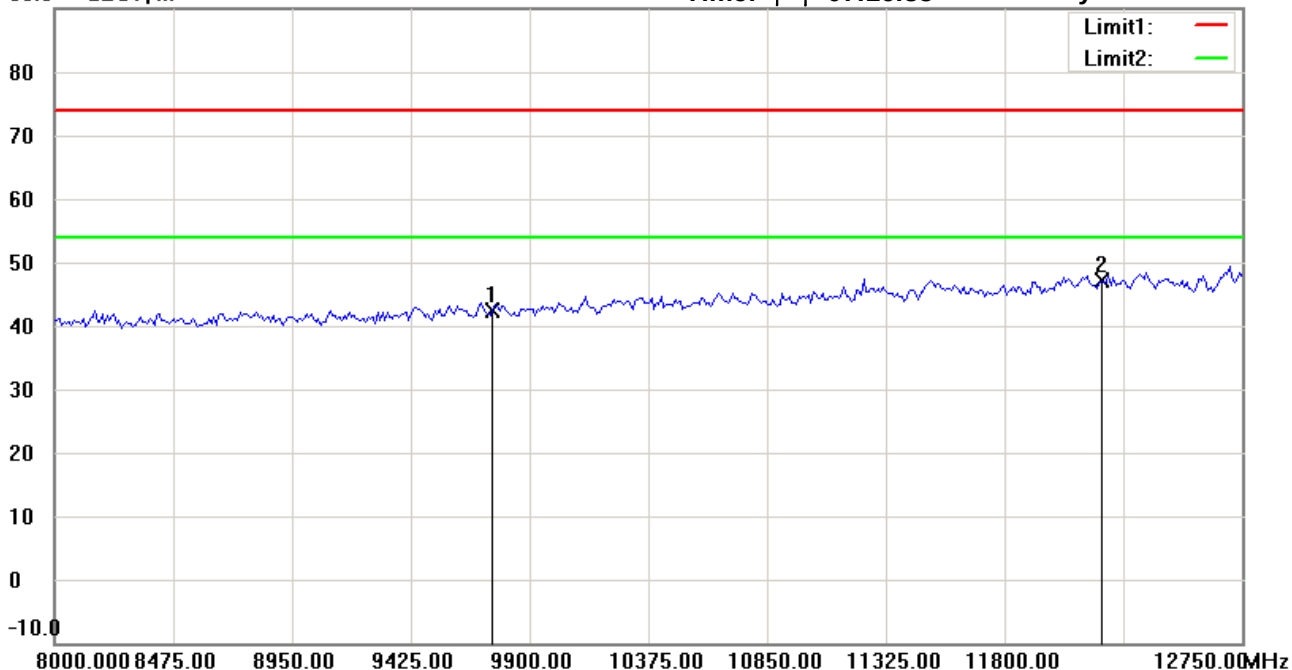
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:16:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	34.77	peak	7.49	42.26	74.00	150	305	-31.74	
*	12185.000	33.25	peak	13.82	47.07	74.00	150	150	-26.93	

*: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

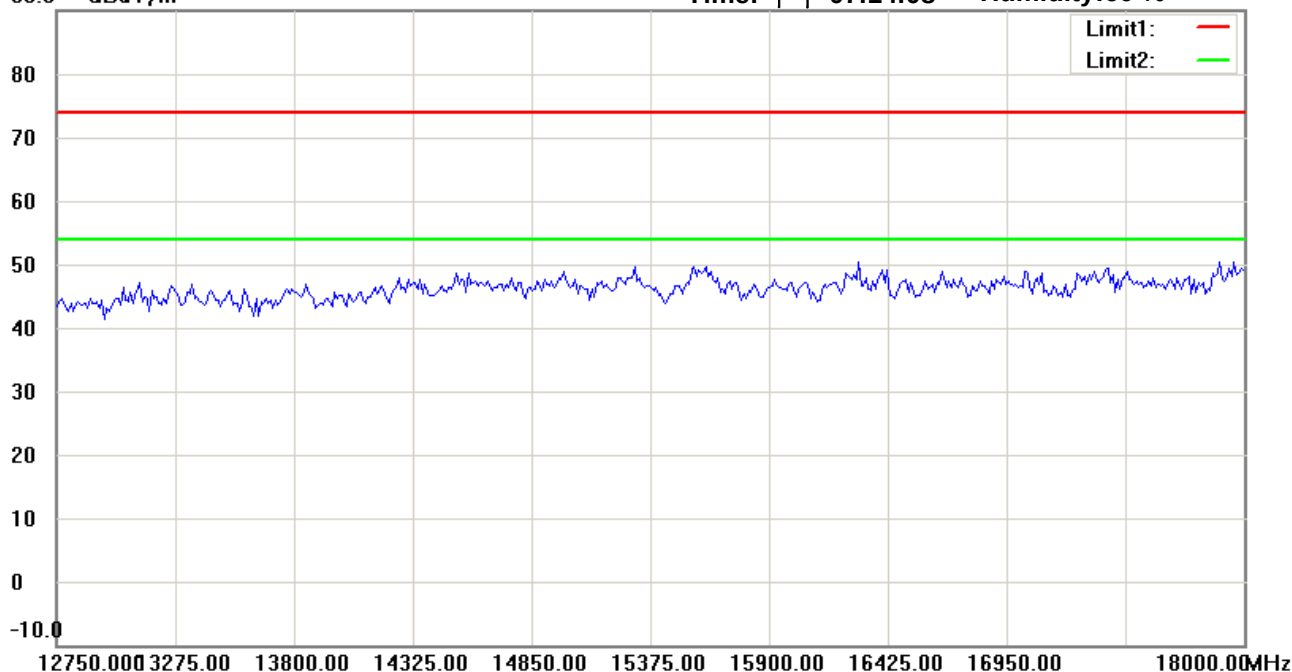
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:14:08

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: Horizontal

Power : 48 Vd.c.

Distance: 3m

Mk.	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

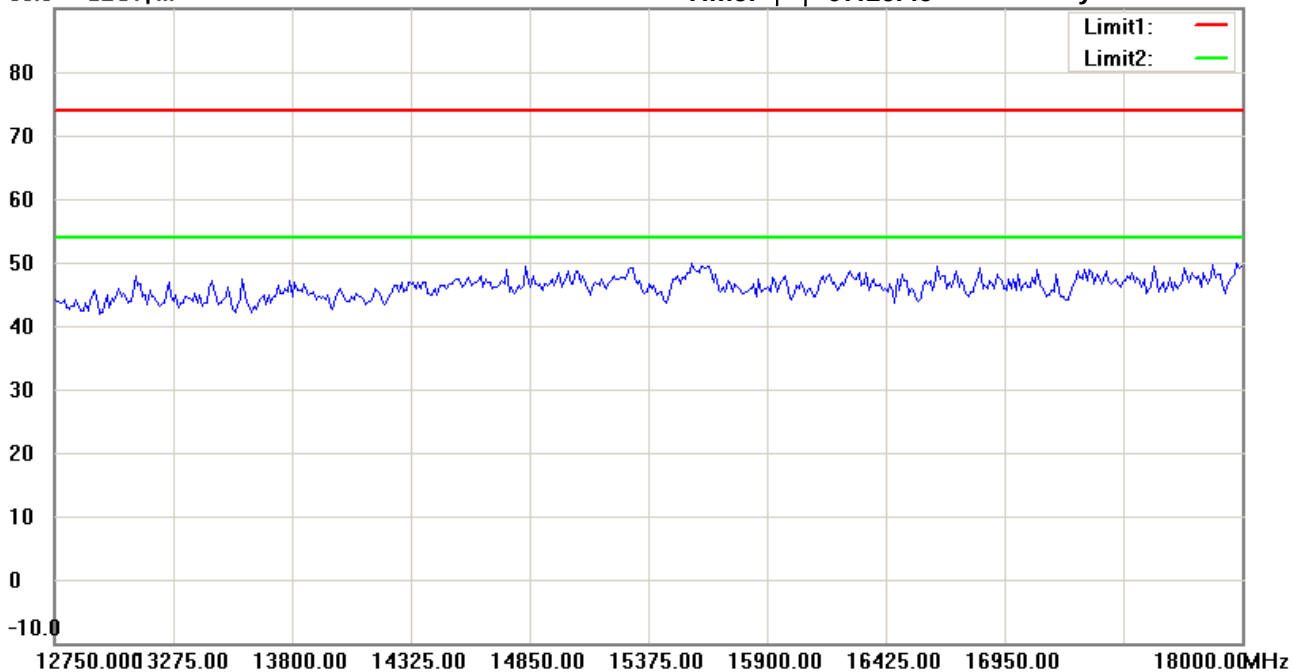
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:16:49

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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

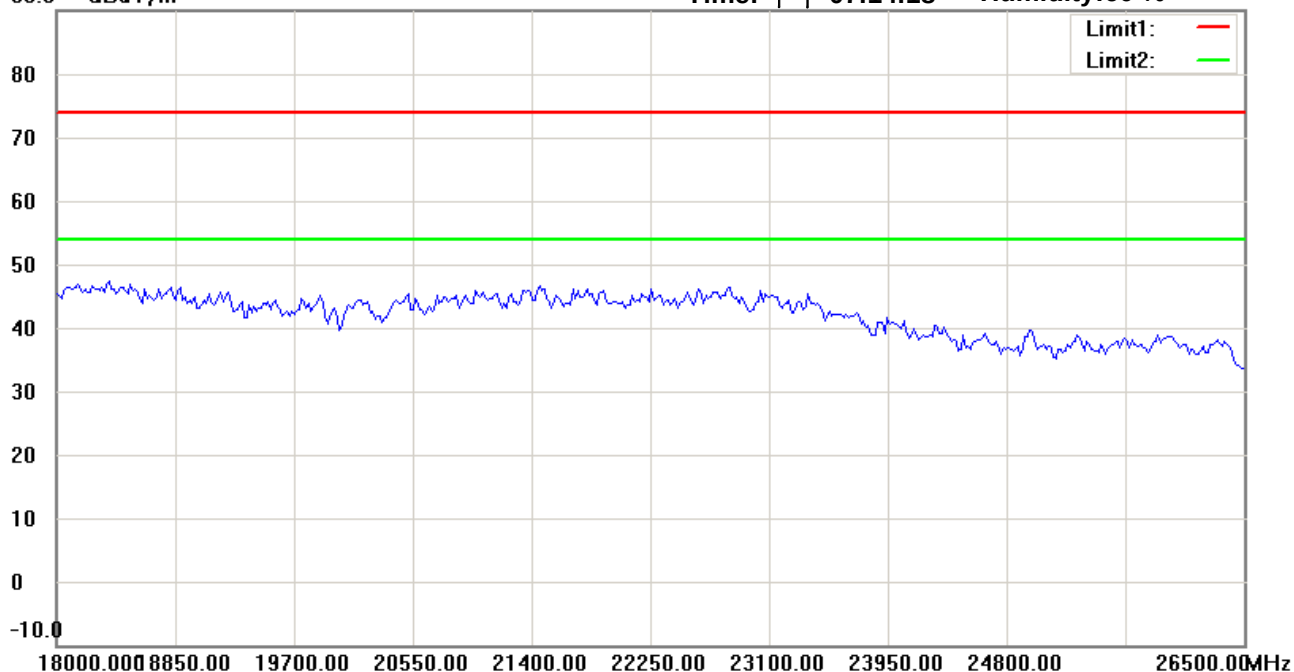
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:14:18

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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

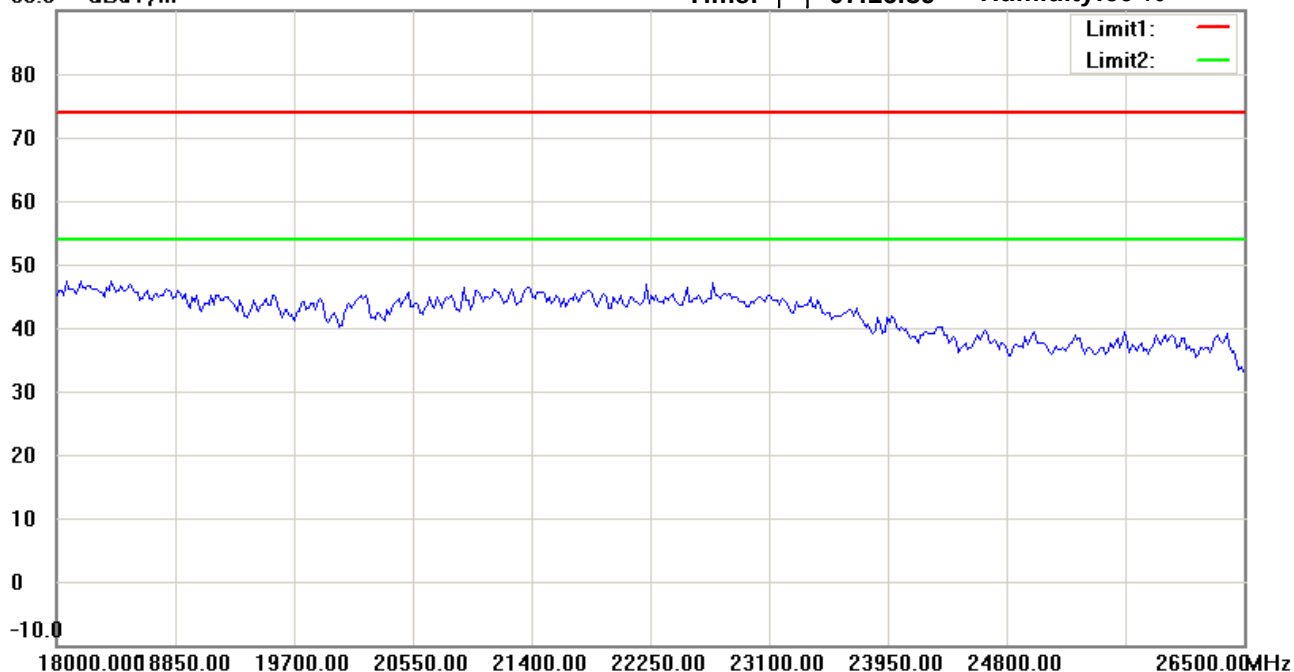
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:16:59

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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 :1

Data :#1

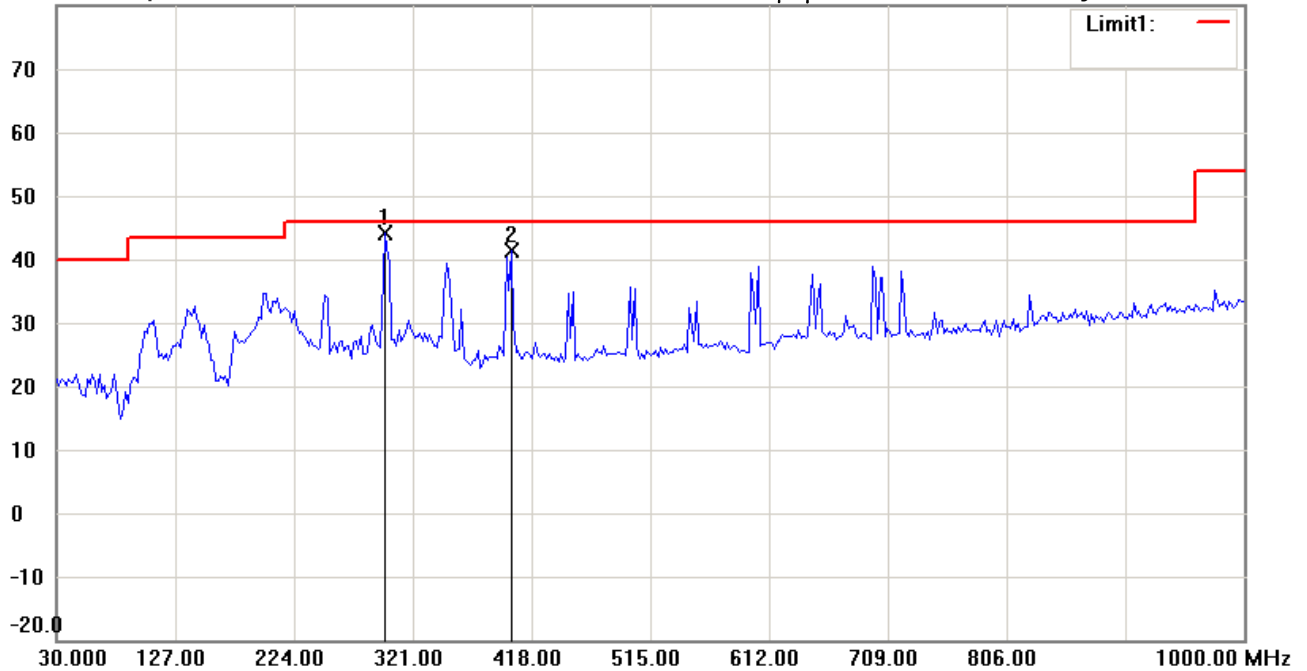
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 11:09:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	298.2565	49.85	peak	-5.64	44.21	46.00	100	305	-1.79	
	401.2826	44.94	peak	-3.66	41.28	46.00	100	140	-4.72	

*: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 :1

Data :#2

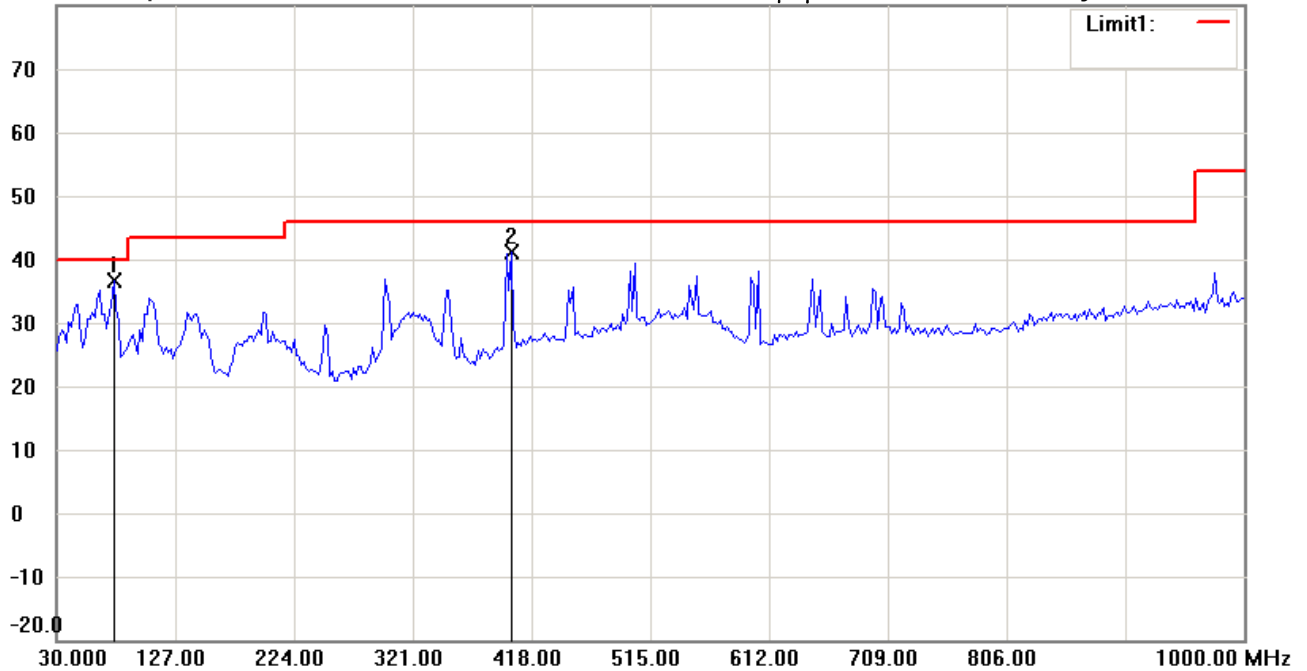
Date: 2016/9/23

Temperature:24 °C

80.0 dBuV/m

Time: 下午 11:09:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	76.6533	49.55	peak	-12.97	36.58	40.00	100	255	-3.42	
	401.2826	44.77	peak	-3.66	41.11	46.00	100	95	-4.89	

*: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 : #1

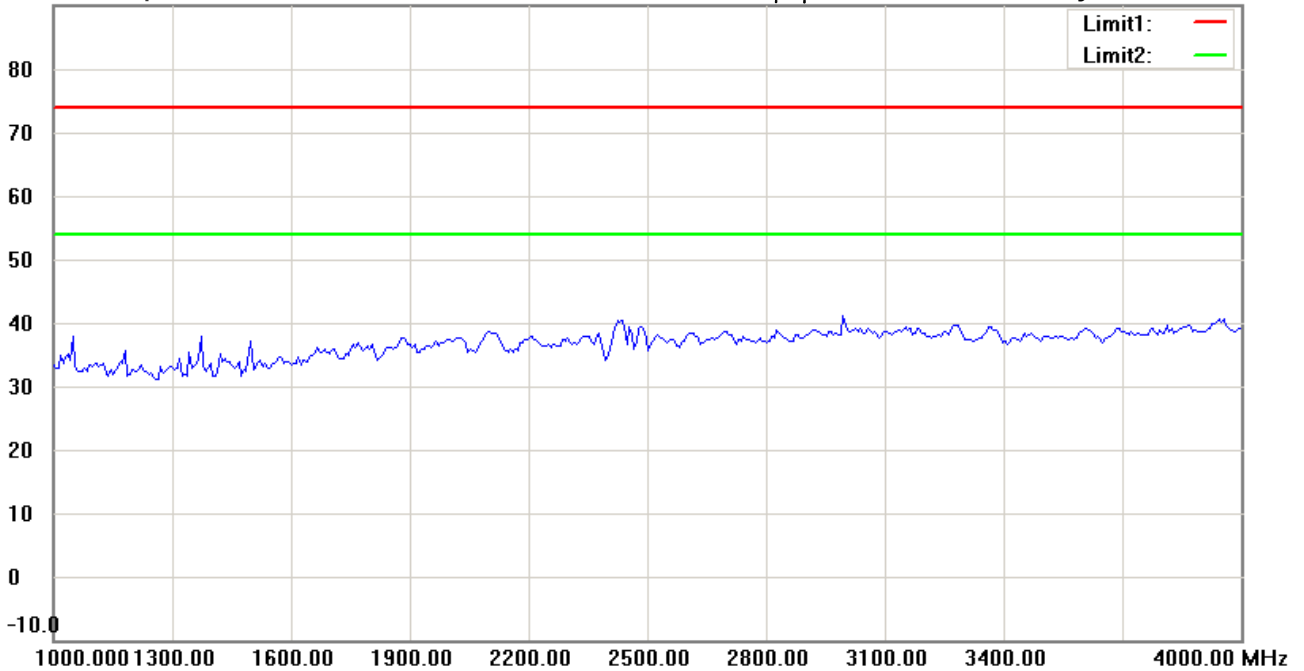
Date: 2016/9/23

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 07:19:50

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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

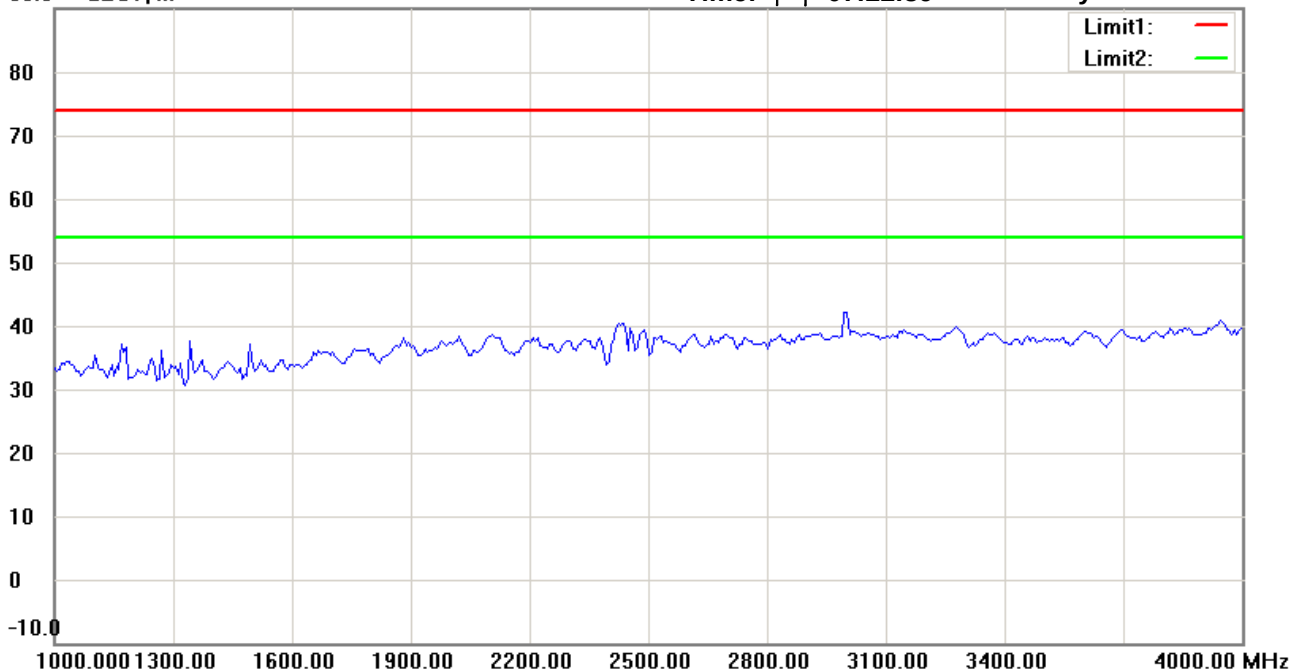
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:22:39

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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

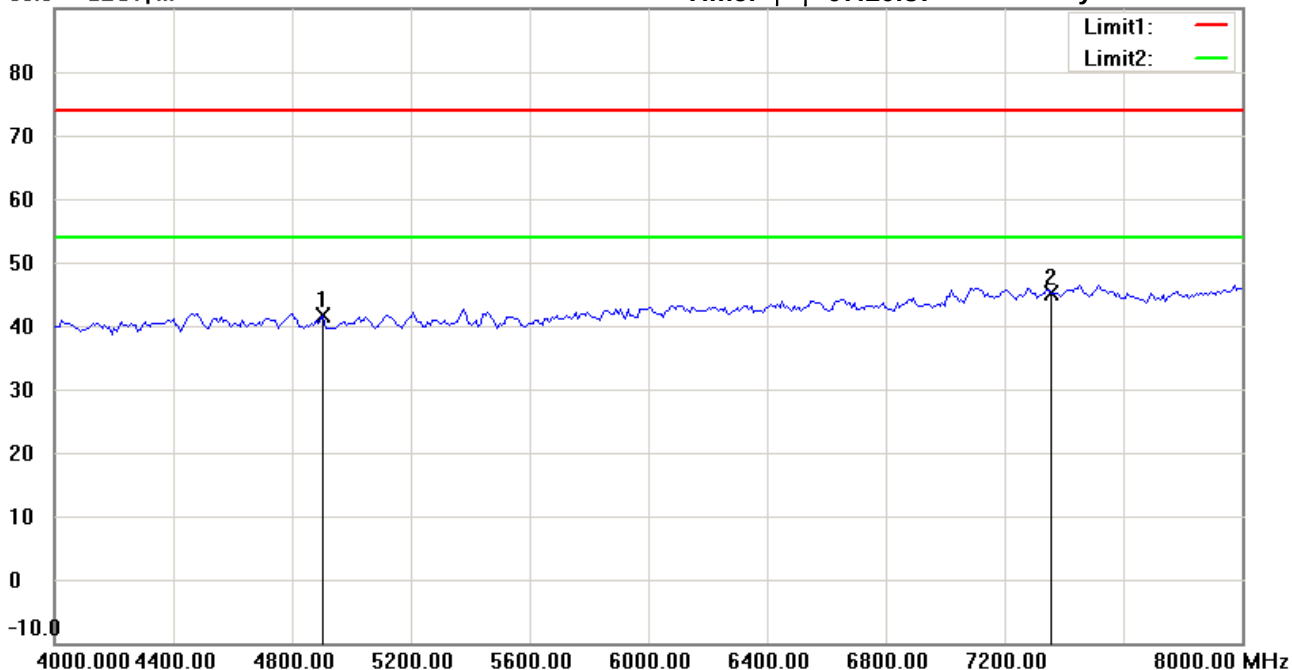
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:20:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	42.06	peak	-0.44	41.62	74.00	150	290	-32.38	
*	7356.000	40.43	peak	4.73	45.16	74.00	150	75	-28.84	

*: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

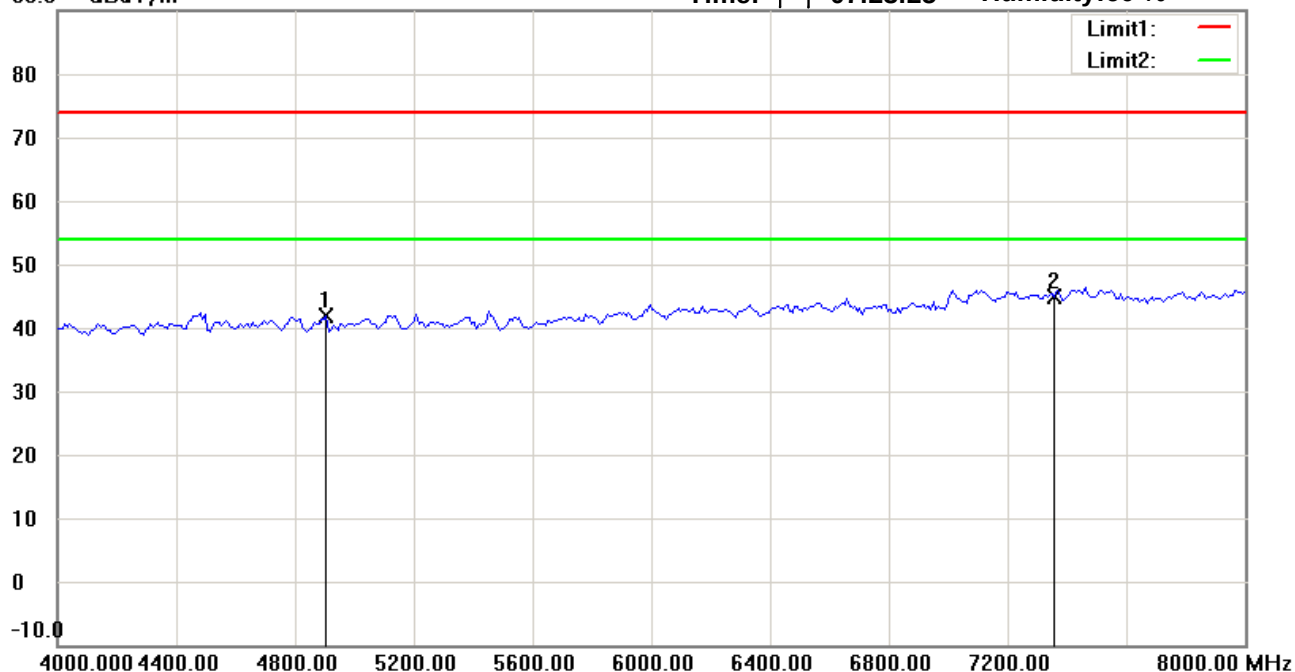
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:23:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	42.27	peak	-0.44	41.83	74.00	150	185	-32.17	
*	7356.000	40.23	peak	4.73	44.96	74.00	150	100	-29.04	

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



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

Operator: Roy

File :3

Data :#3

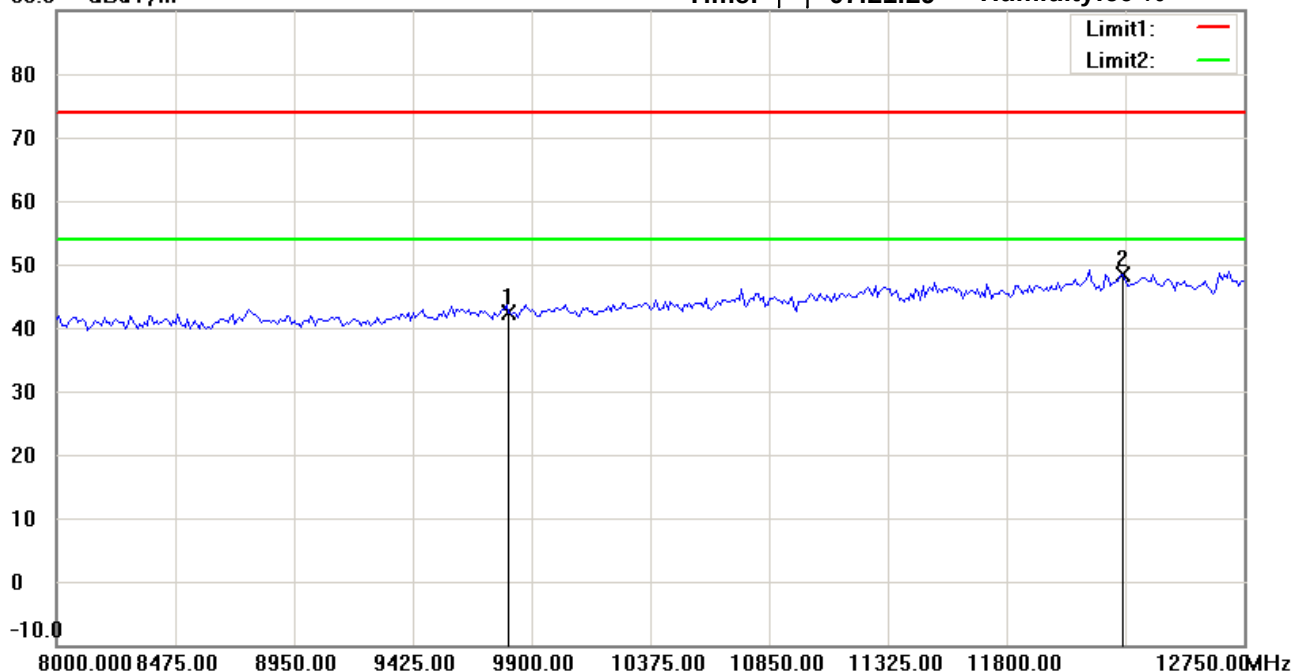
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:21:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Horizontal**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	34.75	peak	7.58	42.33	74.00	150	115	-31.67	
*	12260.000	34.90	peak	13.43	48.33	74.00	150	40	-25.67	

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



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

Operator: Roy

File :3

Data :#8

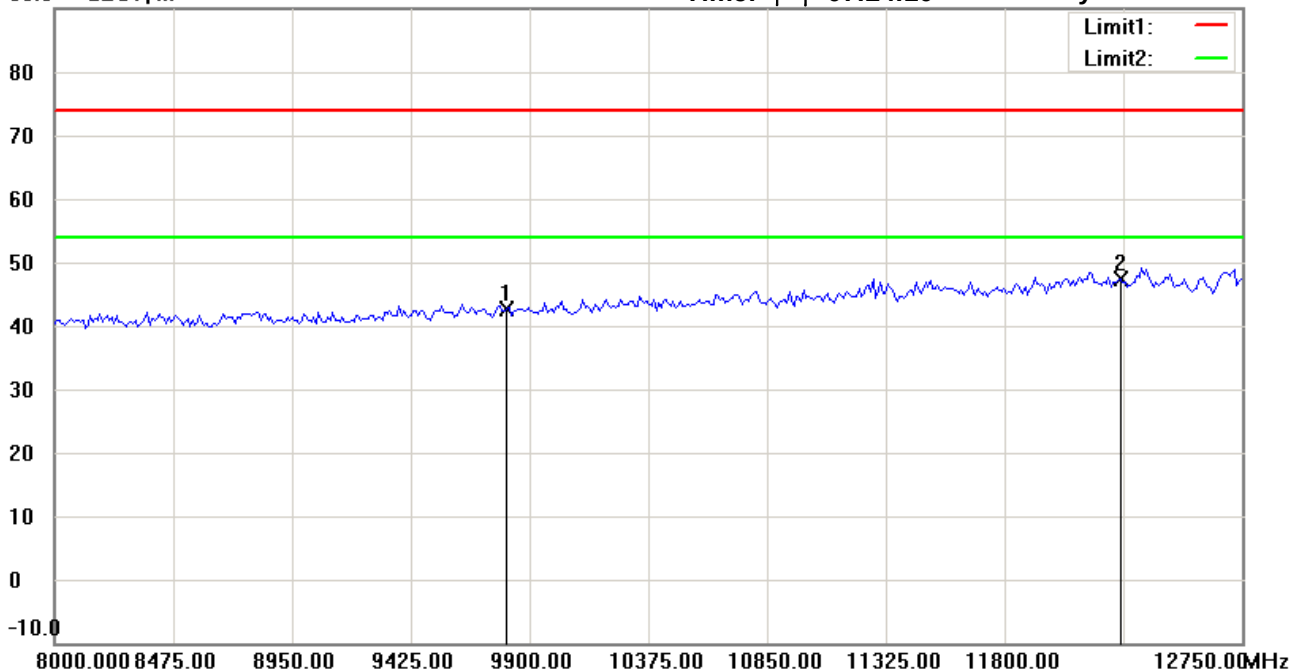
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:24:10

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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	35.08	peak	7.58	42.66	74.00	150	135	-31.34	
*	12260.000	34.04	peak	13.43	47.47	74.00	150	50	-26.53	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

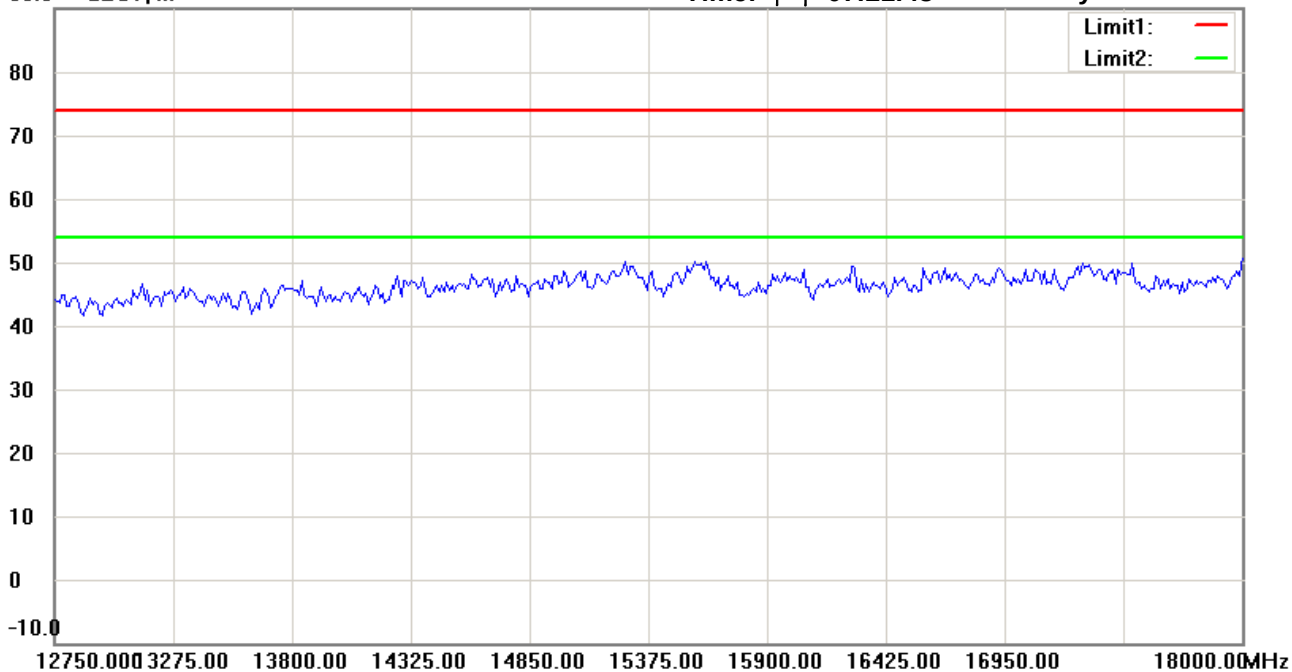
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:21:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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

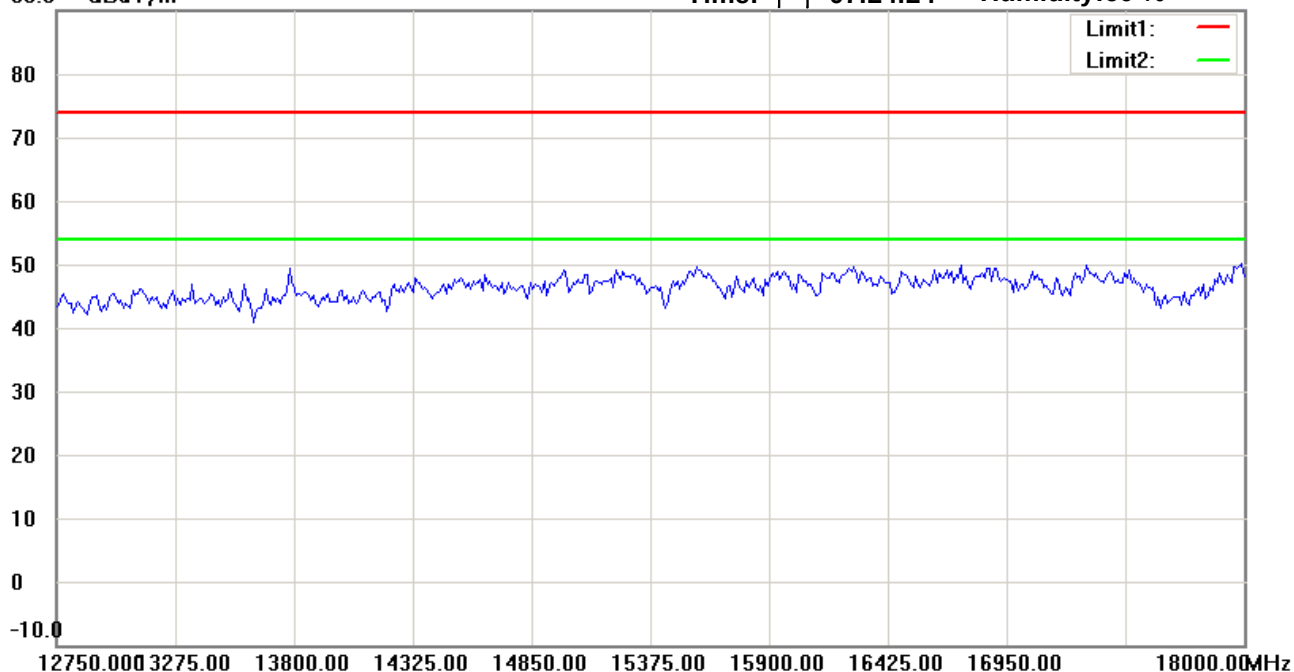
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:24:24

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: Vertical

Power : 48 Vd.c.

Distance: 3m

Mk.	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

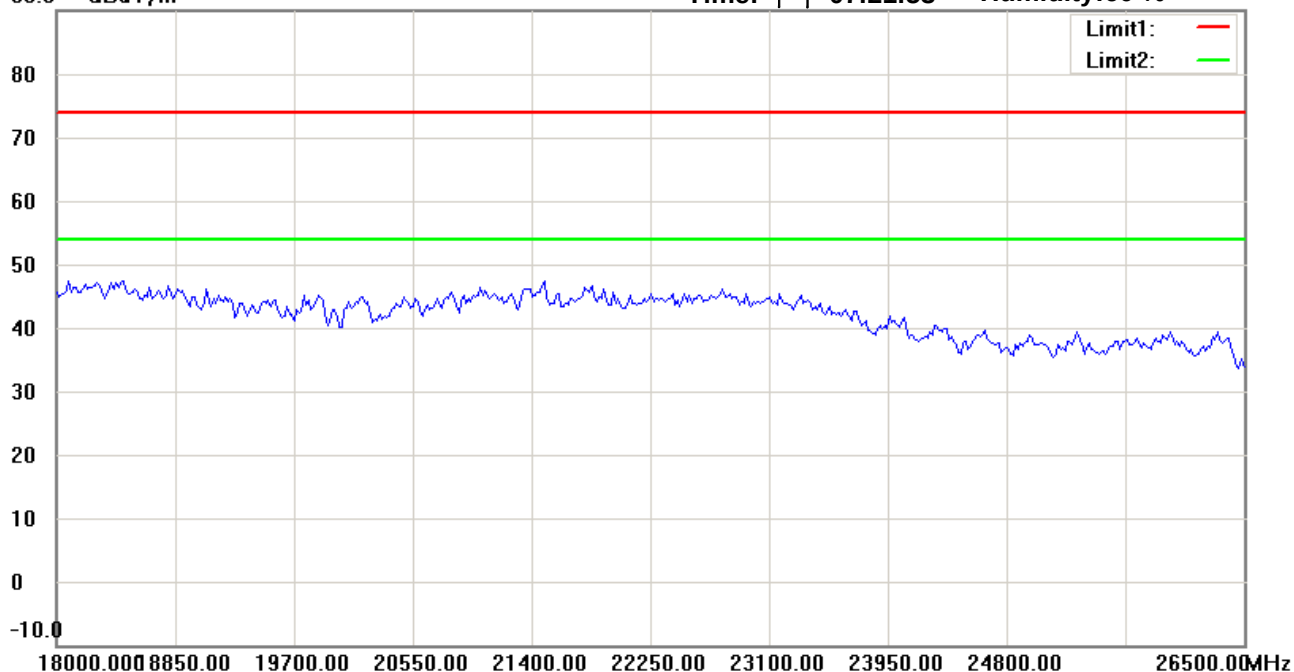
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:21:53

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: *Horizontal*

Power : 48 Vd.c.

Distance: 3m

Mk.	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

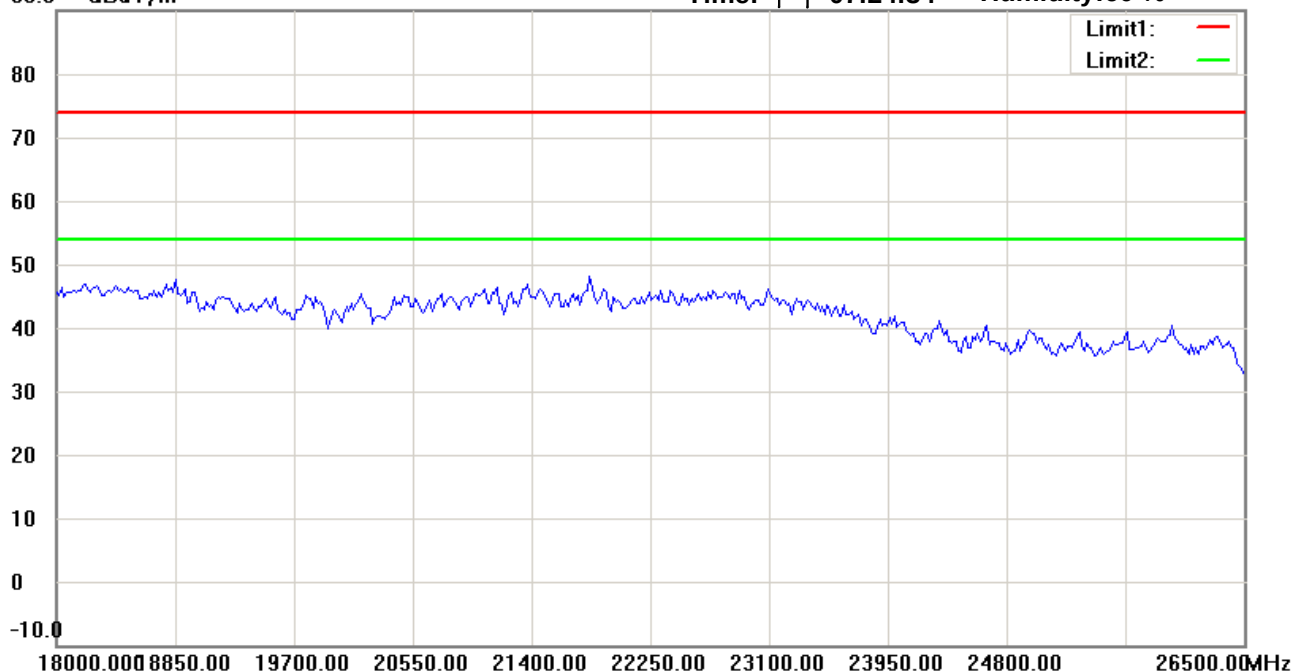
Date: 2016/9/23

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:24:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21609-16201

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: **Vertical**

Power : 48 Vd.c.

Distance: 3m

Mk.	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