

FCC PART 15 SUBPART C TEST REPORT

for

Outdoor GPS

Model No.: A03023

FCC ID: IPH-03023

of

Applicant: Garmin International Inc

Address: 1200 E. 151st. Street Olathe Kansas 66062 United States

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.: W6M21605-15841-C-1

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

Tester:

August 31, 2016

Rick Chen

Rick Chen

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

August 31, 2016

Kevin Wang

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: Garmin International Inc

Street: 1200 E. 151st. Street

Town: Olathe Kansas 66062

Country: United States

Telephone: (913) 397-8448

Fax: (913) 397-8282



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1.4 Application details

Date of receipt of test item: May 25, 2016

Date of test: From May 25, 2016 to August 31, 2016

1.5 General information of Test item

Type of test item: Outdoor GPS

Model Number: A03023

Brand Name: Garmin

Multi-listing model number: ./.

Photos: see Appendix

Technical data

Frequency band: 2.412 GHz-2.462 GHz, 2.402 GHz-2.480 GHz

802.11b, g

Frequency (ch 1): 2.412 GHz

Frequency (ch 6): 2.437 GHz

Frequency (ch 11): 2.462 GHz

Bluetooth 2.0 Normal, EDR

Frequency (ch 0): 2.402 GHz

Frequency (ch 39): 2.441 GHz

Frequency (ch 78): 2.480 GHz

Bluetooth 4.0 Low energy

Frequency (ch 0): 2.402 GHz

Frequency (ch 20): 2.442 GHz

Frequency (ch 39): 2.480 GHz

Number of Channels: 802.11b, g: 11 channels
Bluetooth 2.0: 79 channels
Bluetooth 4.0: 40 channels

Operation modes: Duplex

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

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

Type of Antenna: Chip Antenna

Antenna gain: -2.42 dBi



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Power supply:

Adaptor (I/P: 100-240V~0.3A 50-60Hz 22-29VA ;

O/P: 5.0V, 2.0A MAX)

Battery: 3.7 Vd.c., 4400 mAh, 16.28 Wh

DC: 12/24 V

USB 5V.d.c. (power from PC)

Emission designator:

802.11b: DSSS: 14M8G1D

802.11g: OFDM: 16M4D1D

Bluetooth (Normal): 868KF1D

Bluetooth (EDR): 1M22G1D

Bluetooth Low Energy: 1M04G1D

Host device:

none

Classification :

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

Transmitter

Unom

Mode A (802.11b)

Power (ch 1 or A):

Conducted: 18.60 dBm

Power (ch 6 or B):

Conducted: 18.17 dBm

Power (ch 11 or C):

Conducted: 18.41 dBm

Mode B (802.11g)

Power (ch 1 or A):

Conducted: 20.26 dBm

Power (ch 6 or B):

Conducted: 21.55 dBm

Power (ch 11 or C):

Conducted: 20.54 dBm

Mode C (Bluetooth Normal mode)

Power (ch 0 or A):

Conducted: -2.63 dBm

Power (ch 39 or B):

Conducted: -1.76 dBm

Power (ch 78 or C):

Conducted: -1.99 dBm

Mode D (Bluetooth EDR mode)

Power (ch 0 or A):

Conducted: 0.20 dBm

Power (ch 39 or B):

Conducted: 0.66 dBm

Power (ch 78 or C):

Conducted: 0.58 dBm

Mode E (Bluetooth Low Energy mode)

Power (ch 0 or A):

Conducted: -2.03 dBm

Power (ch 20 or B):

Conducted: -1.46 dBm

Power (ch 39 or C):

Conducted: -1.50 dBm

Manufacturer: (if applicable)

Name:

Garmin Corporation

Street:

No.68, Zhangshu 2nd Rd., Xizhi Dist.,

Town:

New Taipei City 221,

Country:

Taiwan (R.O.C.)

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: Adaptor (I/P: 100-240V~0.3A 50-60Hz 22-29VA ;
O/P: 5.0V, 2.0A MAX)
Battery: 3.7 Vd.c., 4400 mAh, 16.28 Wh
DC: 12/24 V
USB 5V.d.c. (power from PC)

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-EICHLEITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function Test	
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2016/7/15	2017/7/14
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2015/9/7	2016/9/6
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	2015/9/6	2016/9/5
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2015/9/21	2016/9/20
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2016/2/25	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	2015/9/9	2016/9/8
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	2015/9/16	2016/9/15
ETSTW-Cable 010	BNC Cable	5 M BNC Cable	None	JYE BAO CO.,LTD.	2015/9/11	2016/9/10
ETSTW-Cable 011	BNC Cable	BNC Cable 1	None	JYE BAO CO.,LTD.	Pre-test Use NCR	
ETSTW-Cable 012	N TYPE To SMA Cable	Cable 012	None	JYE BAO CO.,LTD.	2015/9/11	2016/9/10
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2016/2/24	2017/2/23
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	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	2015/9/21	2016/9/20
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2015/9/21	2016/9/20
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2016/2/25	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 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 = 100ms when the pulse train period is over 100 ms or the period of the pulse train.

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

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



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3 Test results (enclosure)

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



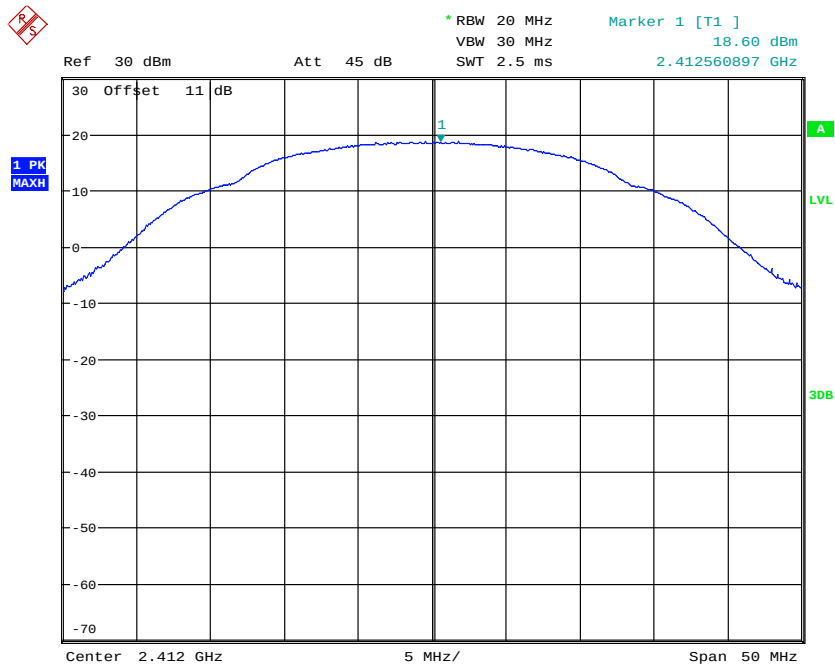
Registration number: W6M21605-15841-C-1
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3.1 Peak Output Power (transmitter)

FCC Rule: 15.247(b)(3)

This measurement applies to equipment with an integral antenna and to equipment with an antenna connector and equipped with an antenna as declared by the applicant.
The power was measured with modulation (declared by the applicant).

Mode A

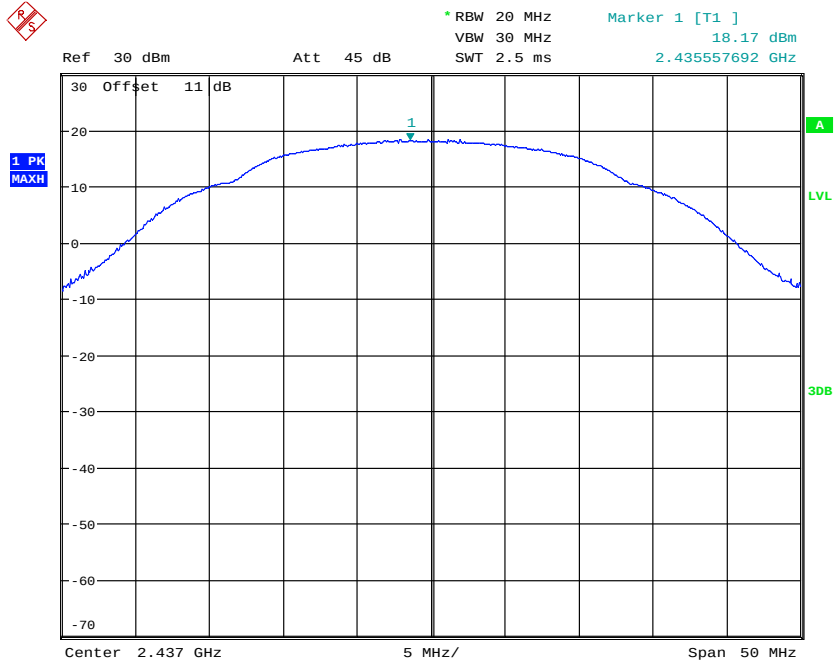


MAX OUTPUT POWER 802.11b CH1
Date: 29.JUL.2016 09:11:36



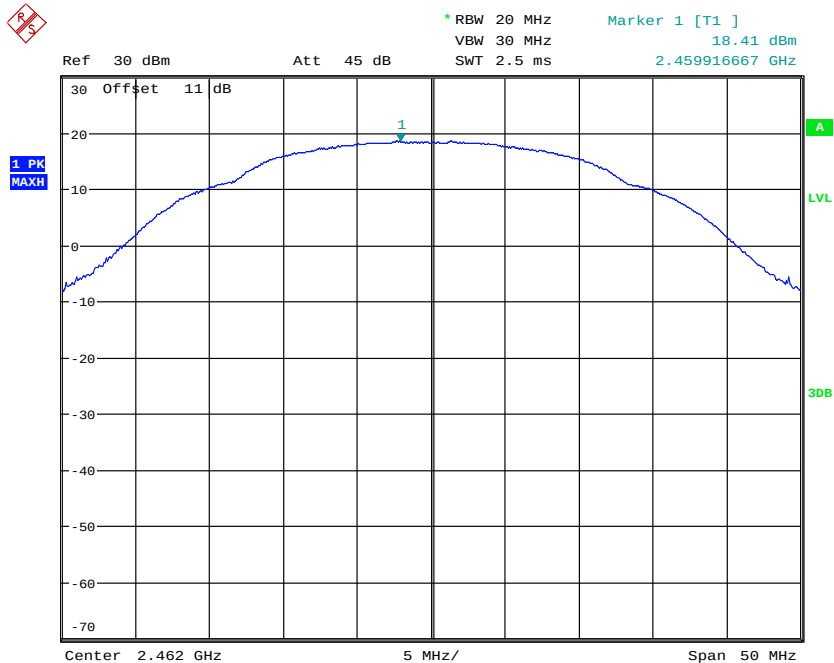
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MAX OUTPUT POWER 802.11b CH6

Date: 29.JUL.2016 09:12:03



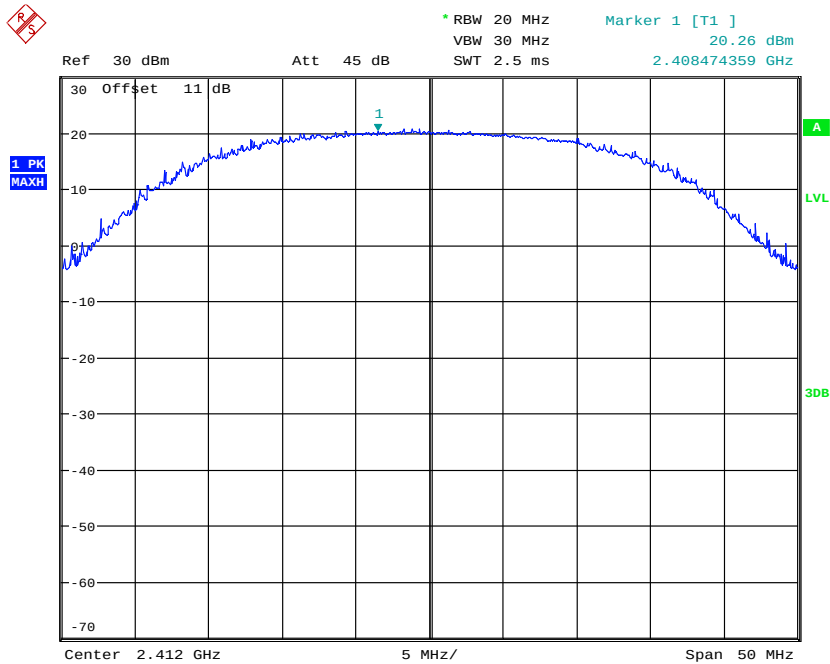
MAX OUTPUT POWER 802.11b CH11

Date: 29.JUL.2016 09:12:30

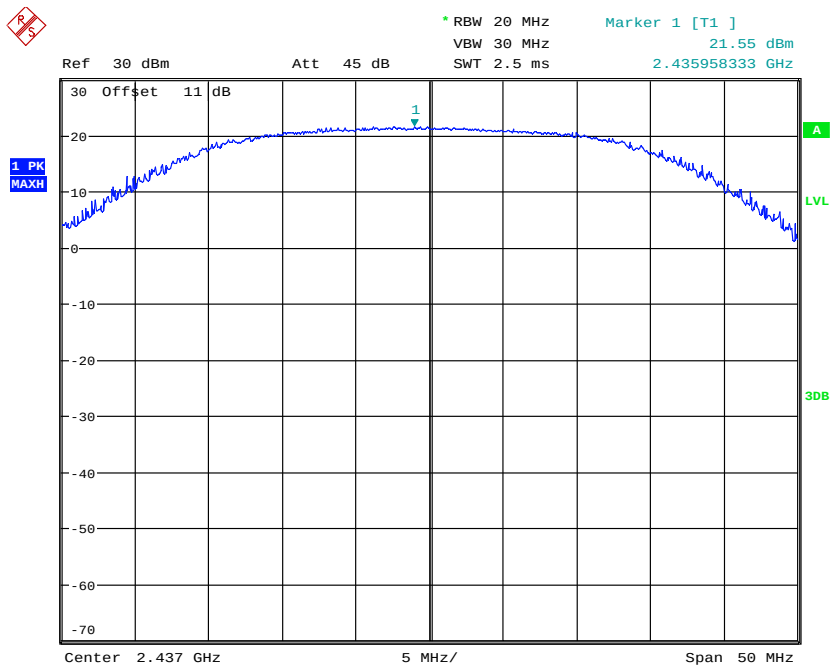


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Mode B



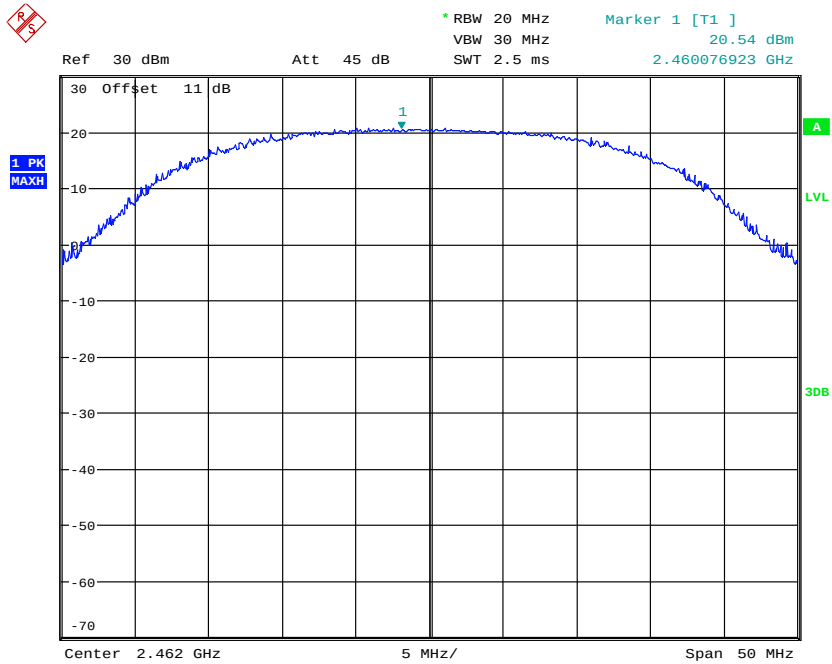
MAX OUTPUT POWER 802.11g CH1
Date: 29.JUL.2016 09:13:17



MAX OUTPUT POWER 802.11g CH6
Date: 29.JUL.2016 09:14:05

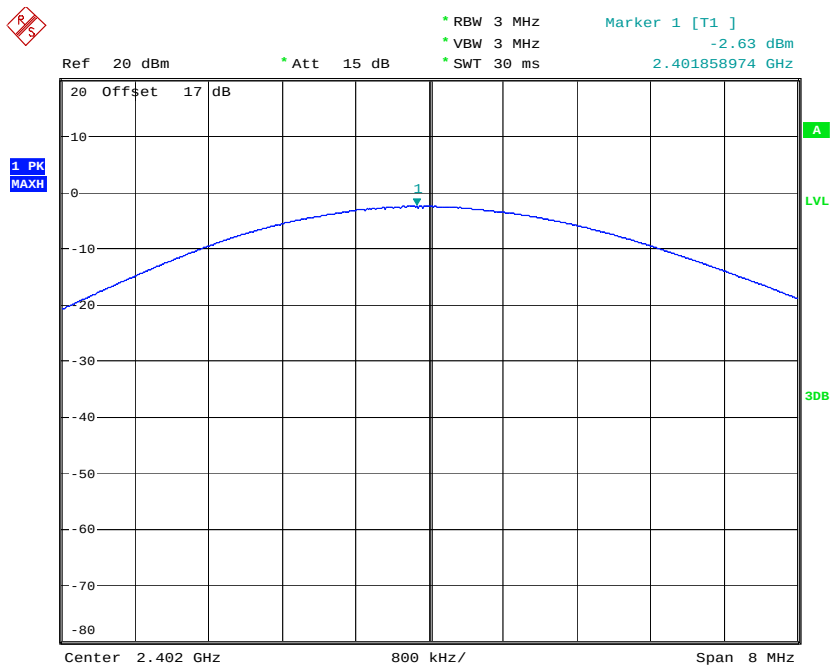


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



MAX OUTPUT POWER 802.11g CH11
Date: 29.JUL.2016 09:12:55

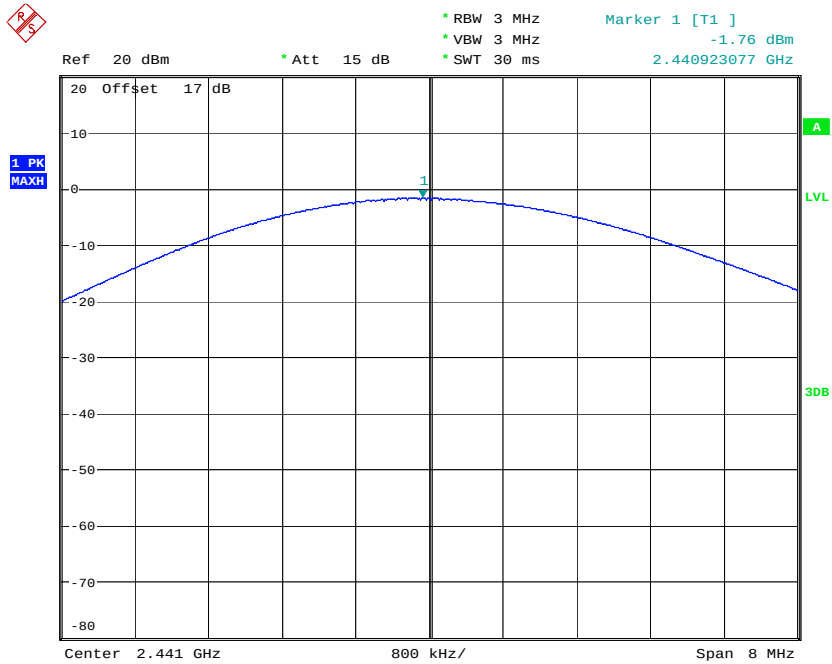
Mode C



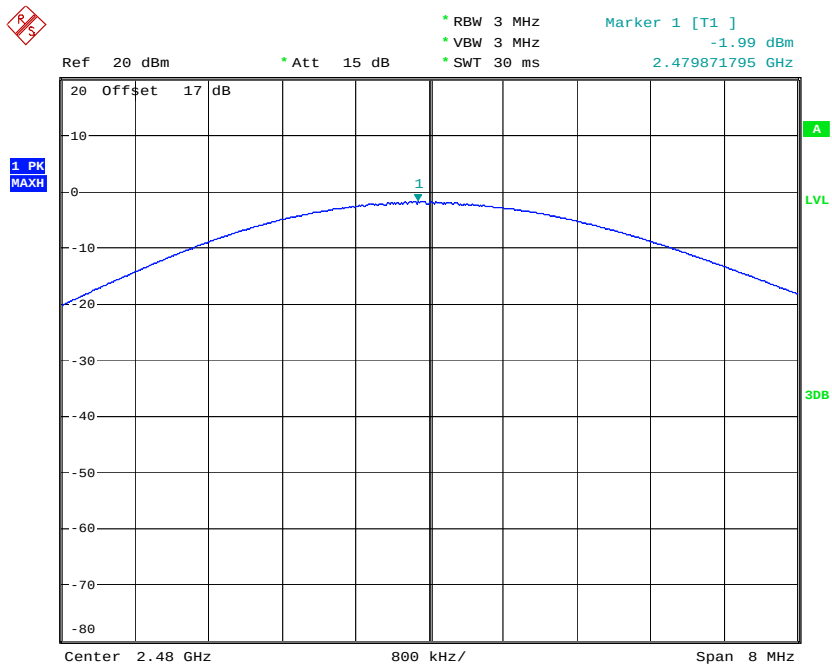
MAX OUTPUT POWER CH0
Date: 28.JUL.2016 17:03:17



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



MAX OUTPUT POWER CH39
Date: 28.JUL.2016 17:03:49

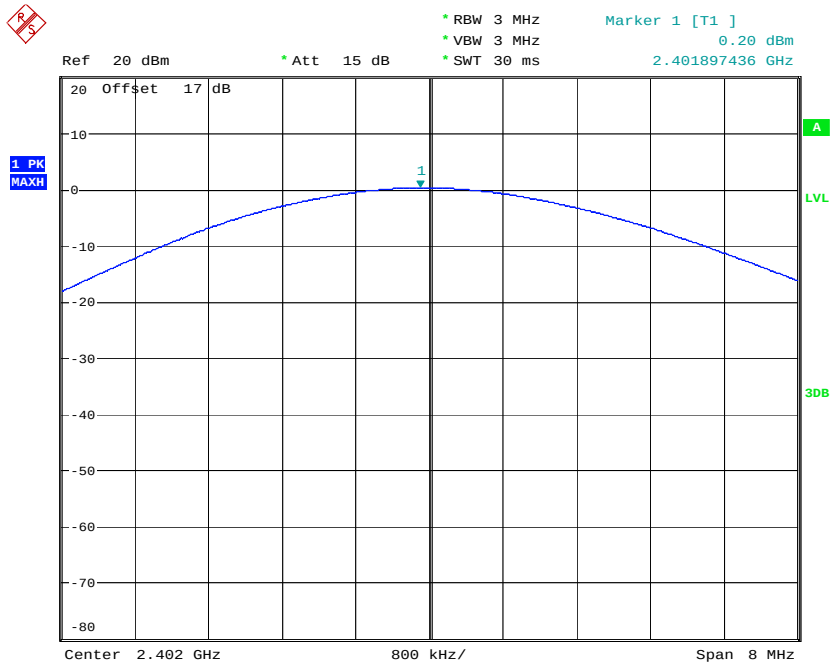


MAX OUTPUT POWER CH78
Date: 28.JUL.2016 17:04:09

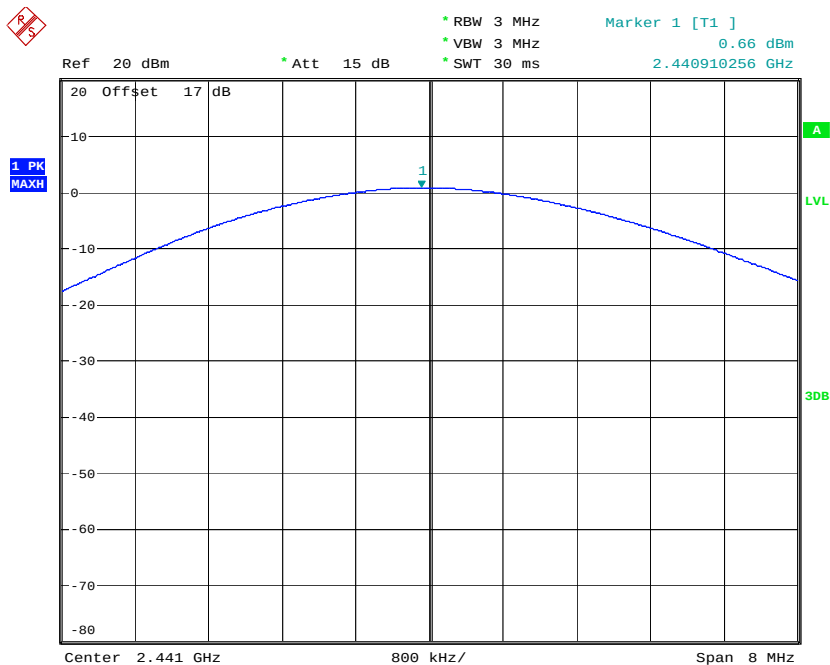


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

Mode D



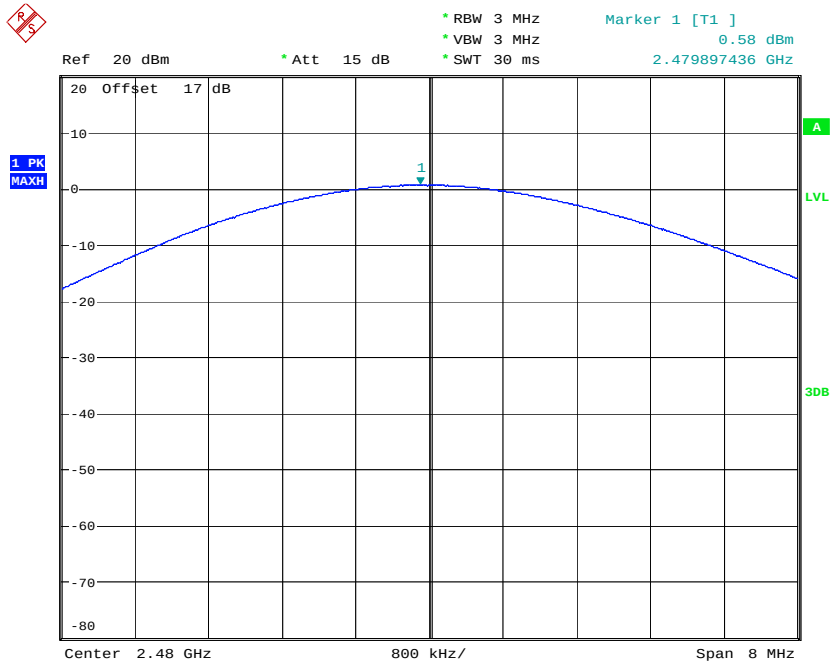
MAX OUTPUT POWER CH0 EDR MODE
Date: 28.JUL.2016 18:12:38



MAX OUTPUT POWER CH39 EDR MODE
Date: 28.JUL.2016 17:38:01

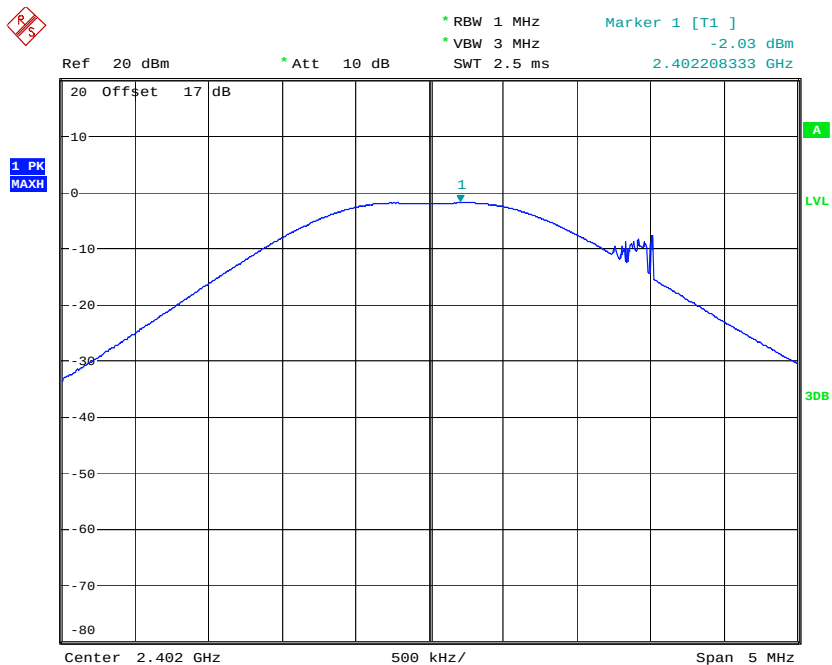


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



MAX OUTPUT POWER CH78 EDR MODE
Date: 28.JUL.2016 17:38:29

Mode E

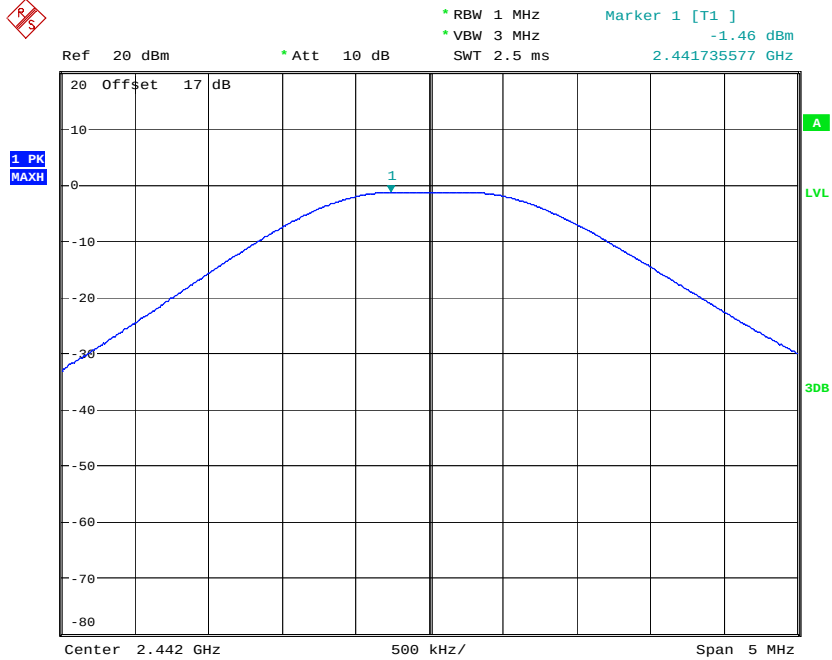


MAX OUTPUT POWER BT4.0 CH00
Date: 28.JUL.2016 18:29:28



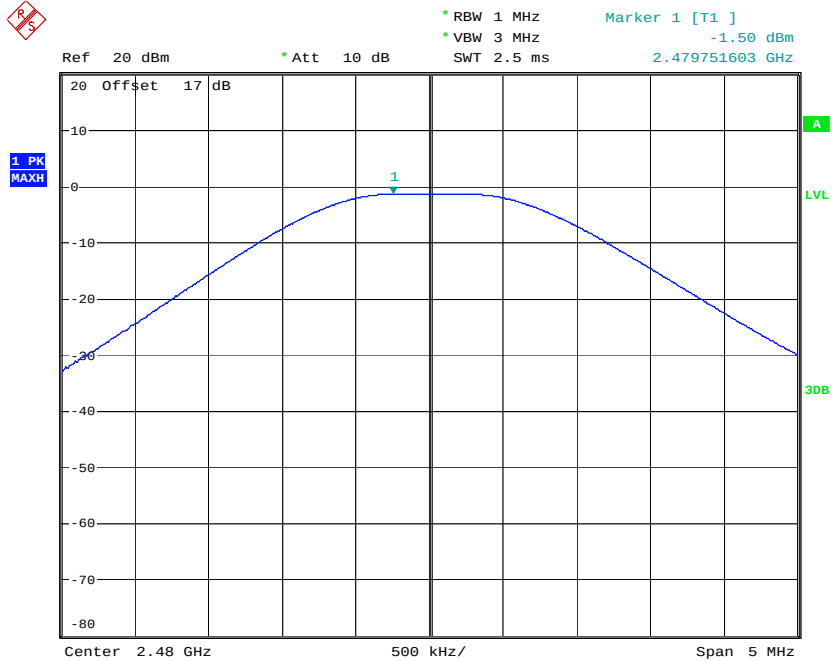
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



MAX OUTPUT POWER BT4.0 CH20

Date: 28.JUL.2016 18:39:11



MAX OUTPUT POWER BT4.0 CH39

Date: 28.JUL.2016 18:31:06



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

Limits:

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

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

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



Registration number: W6M21605-15841-C-1

FCC ID: IPH-03023

3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power

EIRP = 21.55 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	142.8894	Peak value
D	dB		
AG	dBi	-2.42	
G		0.5728	Calculated Value
R	cm	20	Assumed value
S	mW/cm ²	0.01628	Calculated value

Limits:

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



Registration number: W6M21605-15841-C-1

FCC ID: IPH-03023

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.



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

Test equipment used: ETSTW-RE 030, ETSTW-RE 062, ETSTW-RE 142,
ETSTW-RE 147, ETSTW-RE 088, ETSTW-RE 018, ETSTW-RE 064

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:	A03023	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)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

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 030, ETSTW-RE 062, ETSTW-RE 142,
ETSTW-RE 147, ETSTW-RE 088, ETSTW-RE 018, ETSTW-RE 064

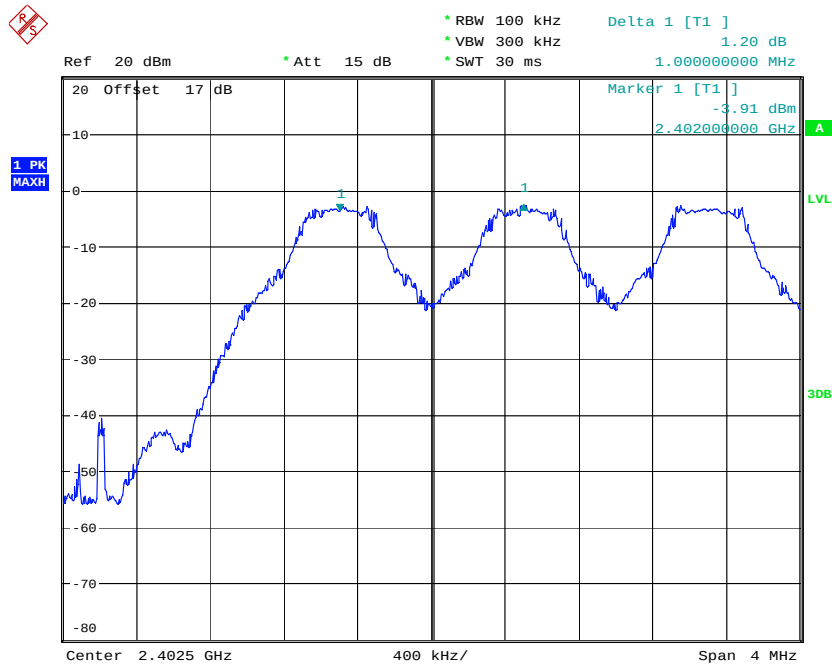


Registration number: W6M21605-15841-C-1
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3.6 Carrier Frequency Separation

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

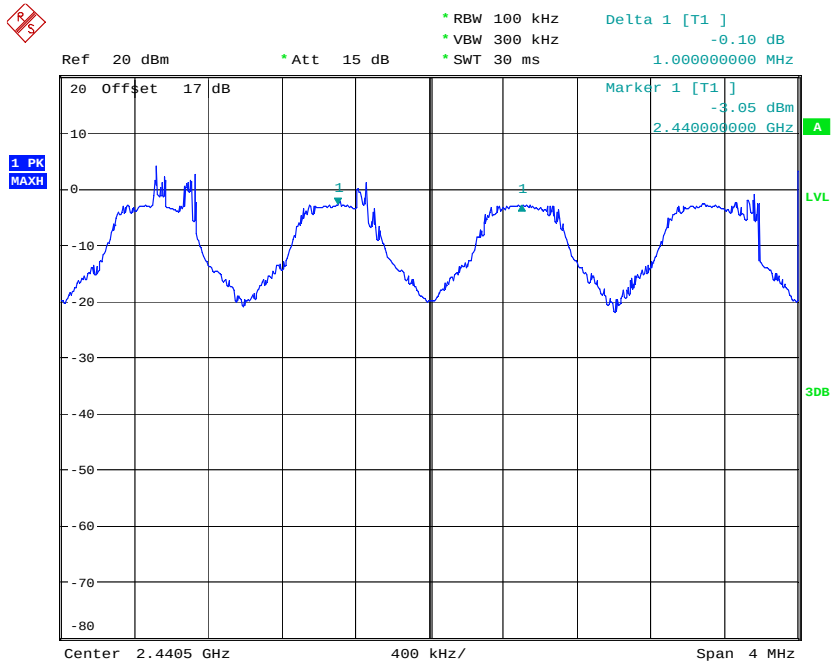
Mode D, E



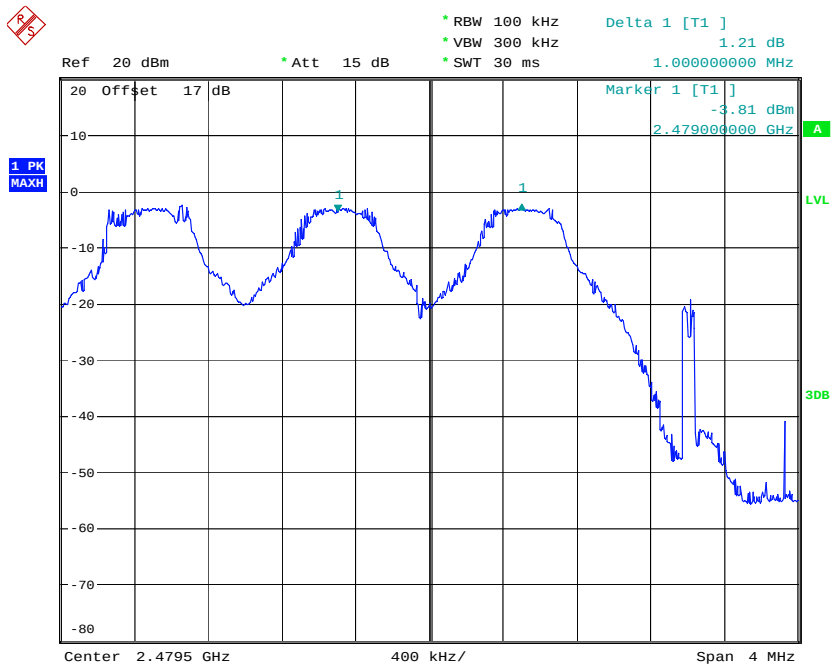
FREQUENCY SEPARATION CH0
Date: 28.JUL.2016 17:11:25



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



FREQUENCY SEPARATION CH39
Date: 28.JUL.2016 17:12:09



FREQUENCY SEPARATION CH78
Date: 28.JUL.2016 17:12:57



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

Limits:

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

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



Registration number: W6M21605-15841-C-1

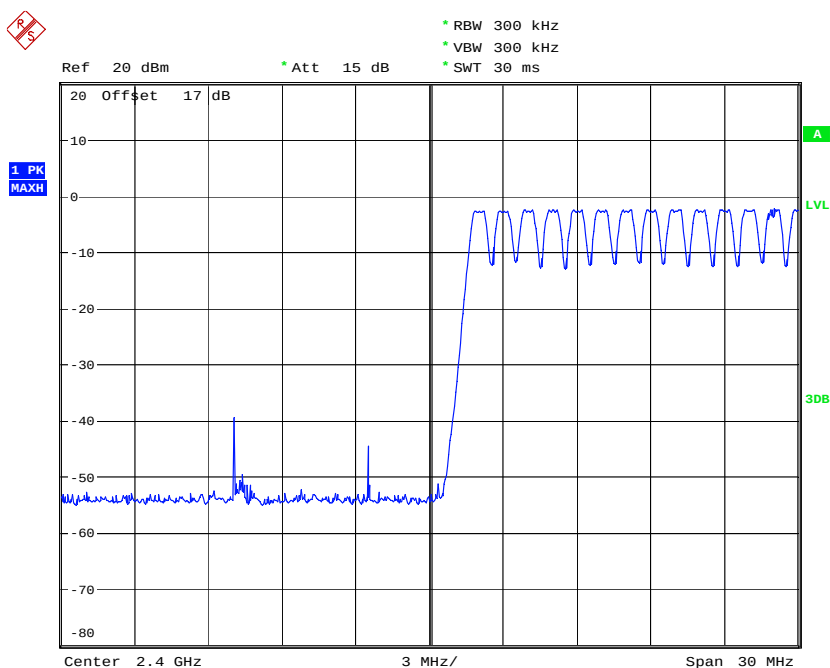
FCC ID: IPH-03023

3.7 Number of Hopping Frequencies

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

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

Mode D, E



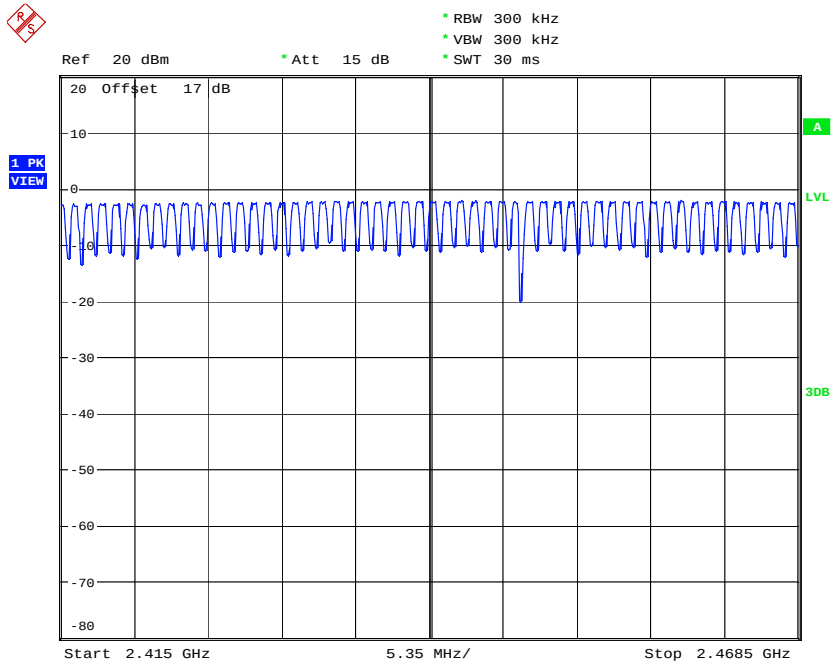
NUMBER OF HOPPING CH0-13

Date: 28.JUL.2016 17:08:45

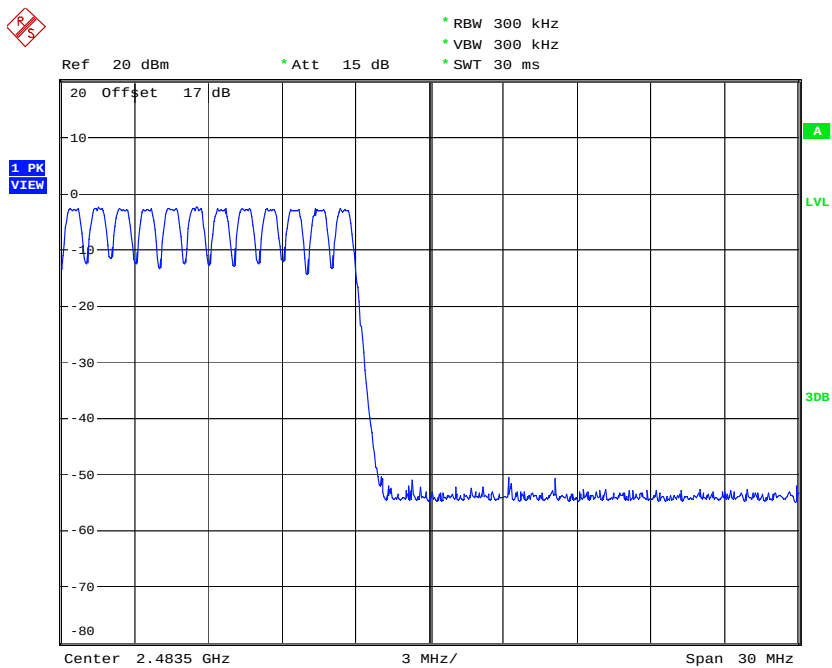


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



MUNBER OF HOPPING CH14-66
Date: 28.JUL.2016 17:19:29



NUMBER OF HOPPING CH67-78
Date: 28.JUL.2016 17:21:10



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

Limits:

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

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

3.7.1 Pseudorandom Frequency Hopping Sequence

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

3.7.2 Coordination of hopping sequences to other transmitters

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

3.7.3 System Receiver Hopping Capability

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



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

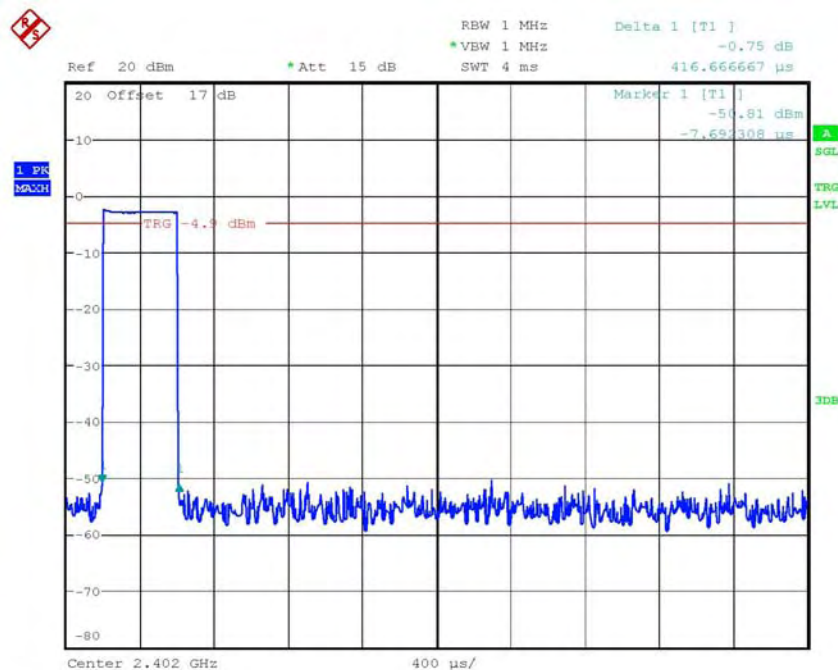
3.8 Time of Occupancy (Dwell Time)

Frequency hopping systems operating in the 5725-5850 MHz band shall use an average time of occupancy on any frequency not greater than 0.4 seconds within a 30 second period.

In 2400-2483.5 MHz band the average time of occupancy on any channel shall not be greater than 0.4 seconds multiplied by the number of hopping channels employed.

For frequency hopping systems operating in the 902-928 MHz band: if the 20dB bandwidth of the hopping channel is less than 250 kHz, the average time of occupancy on any frequency shall not greater than 0.4 seconds within a 20 second period; if the 20dB bandwidth of the hopping channel is 250 kHz or greater, the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period.

Mode D, E



DWELL TIME CH0 DH1(0.417ms * 320events = 133.44ms)
Date: 28.JUL.2016 17:49:04

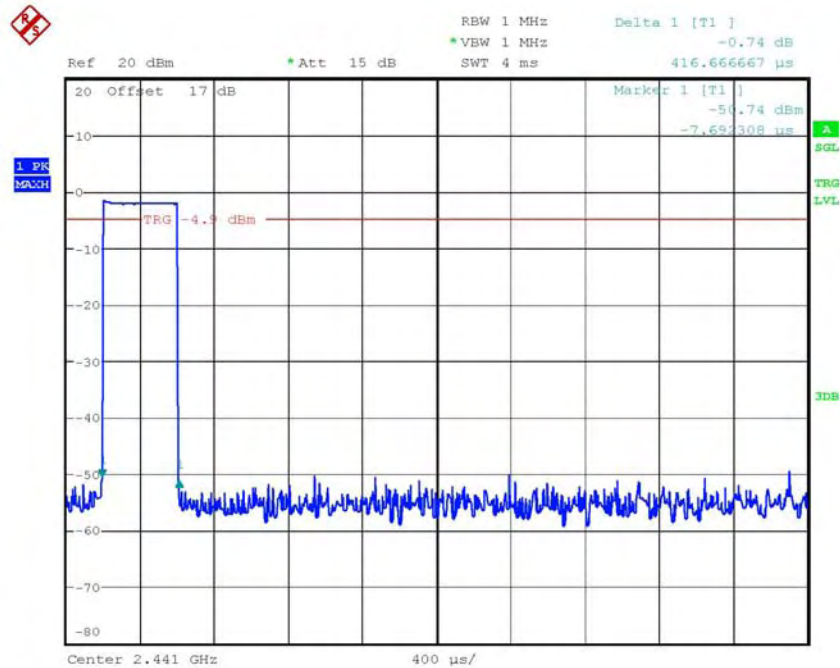


FCC ID: IPH-03023

Date: 28.JUL.2016 17:44:14

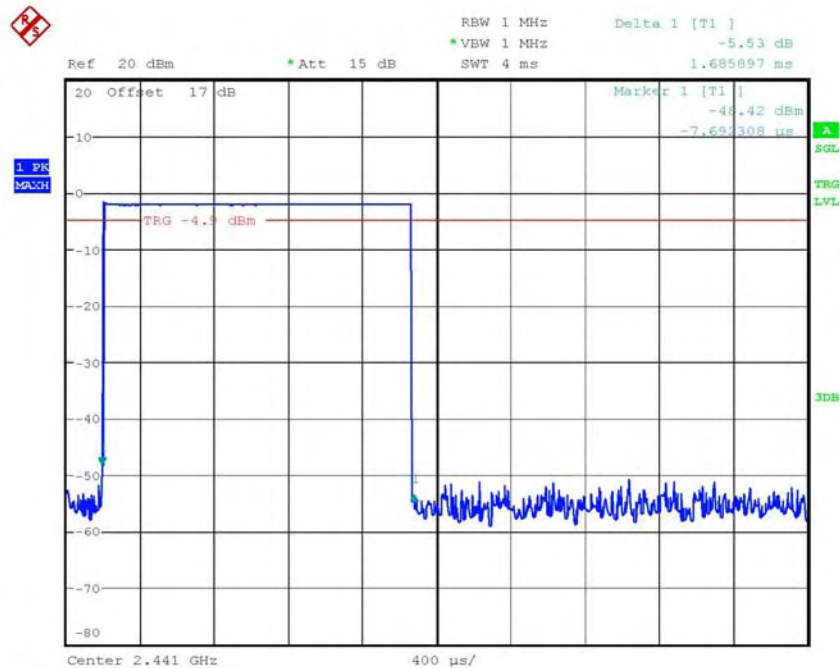


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



DWELL TIME CH39 DH1(0.417ms * 320events = 133.44ms)

Date: 28.JUL.2016 17:49:30



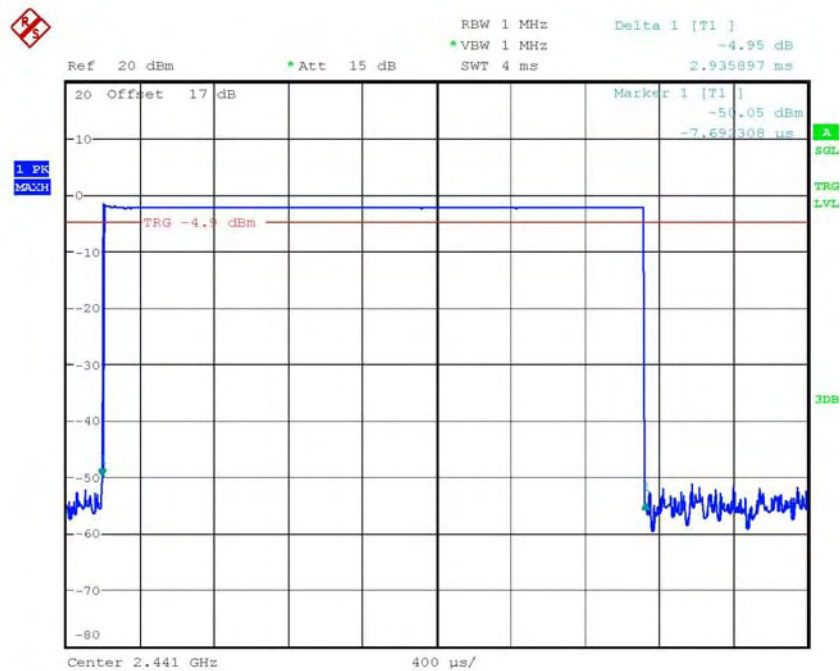
DWELL TIME CH39 DH3(1.686ms * 160events = 269.76ms)

Date: 28.JUL.2016 17:47:27



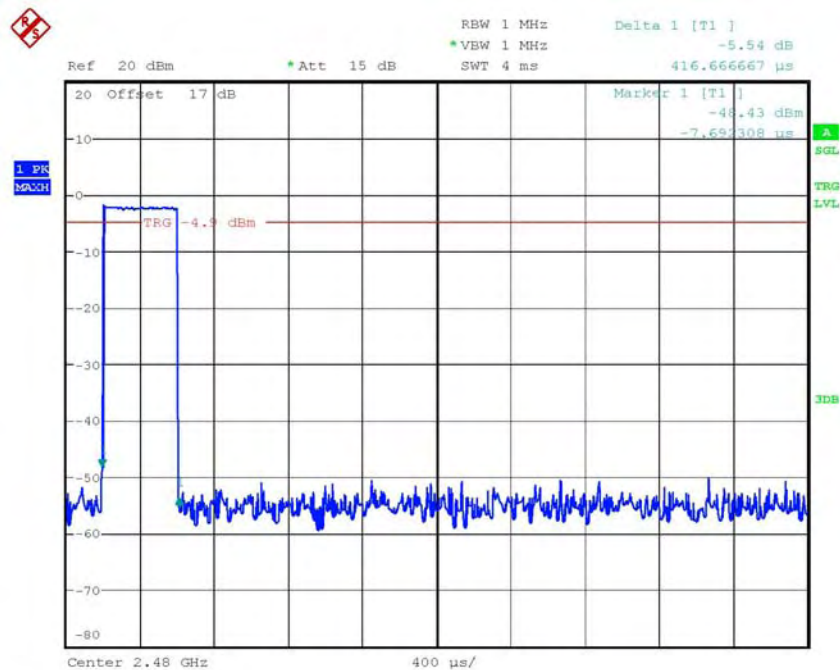
Registration number: W6M21605-15841-C-1

FCC ID: IPH-03023



DWELL TIME CH39 DH5(2.936ms * 106events = 311.216ms)

Date: 28.JUL.2016 17:44:44

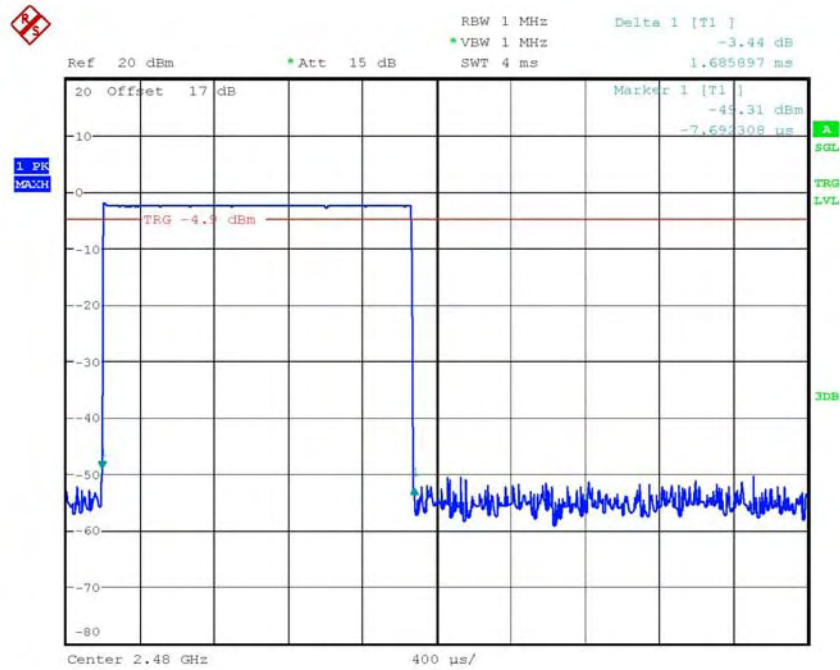


DWELL TIME CH78 DH1(0.417ms * 320events = 133.44ms)

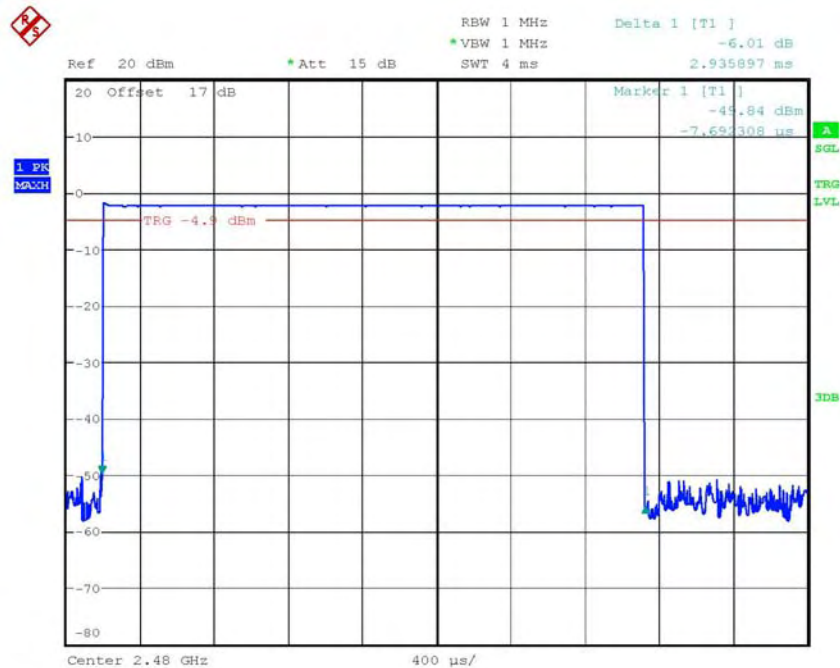
Date: 28.JUL.2016 17:49:53



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



DWELL TIME CH78 DH3(1.686ms * 160events = 269.76ms)
Date: 28.JUL.2016 17:47:05



DWELL TIME CH78 DH5(2.936ms * 106events = 311.216ms)
Date: 28.JUL.2016 17:51:26



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

Limits and measurement periods:

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

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



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

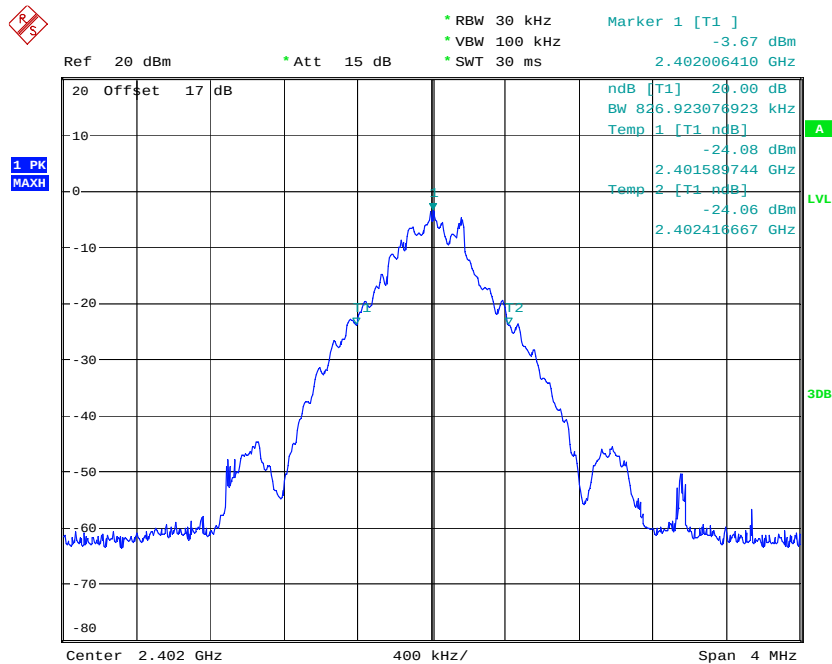
3.9 20dB Bandwidth

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

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

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

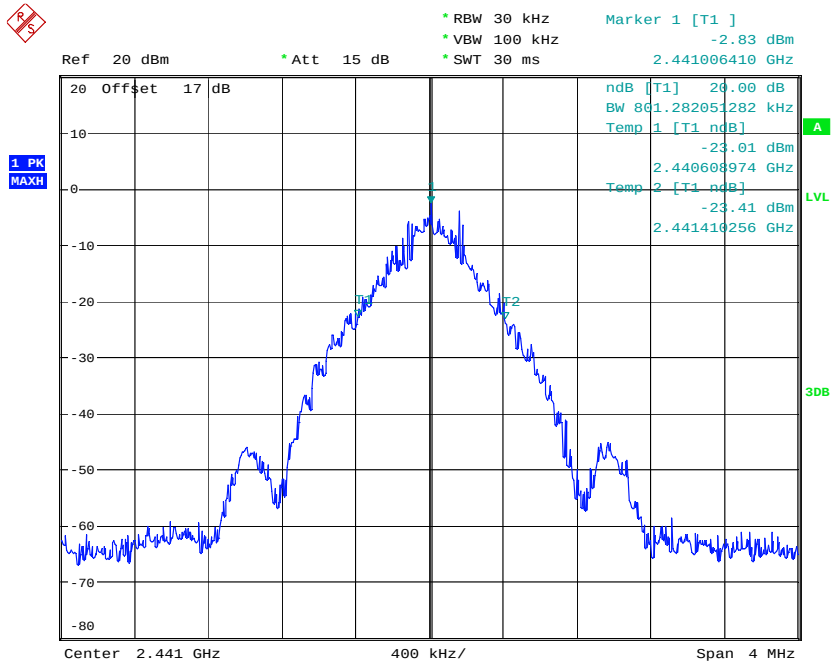
Mode C



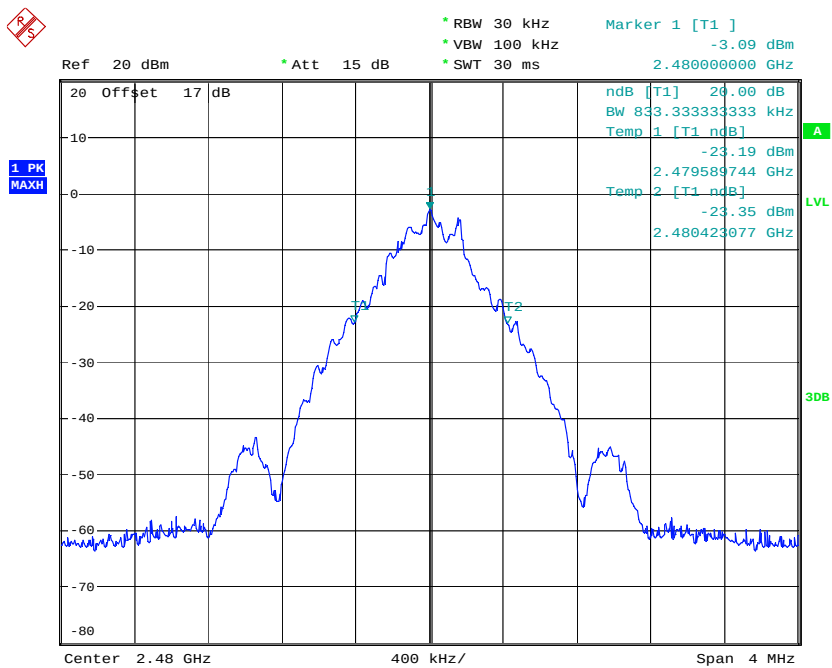
20DB BANDWIDTH CH0
Date: 28.JUL.2016 17:03:25



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



20DB BANDWIDTH CH39
Date: 28.JUL.2016 17:03:58

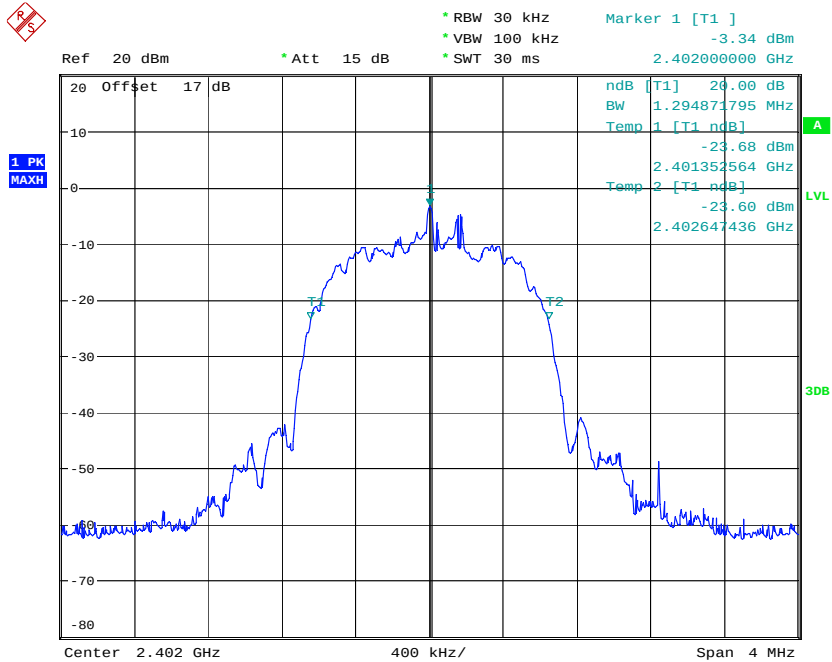


20DB BANDWIDTH CH78
Date: 28.JUL.2016 17:04:17

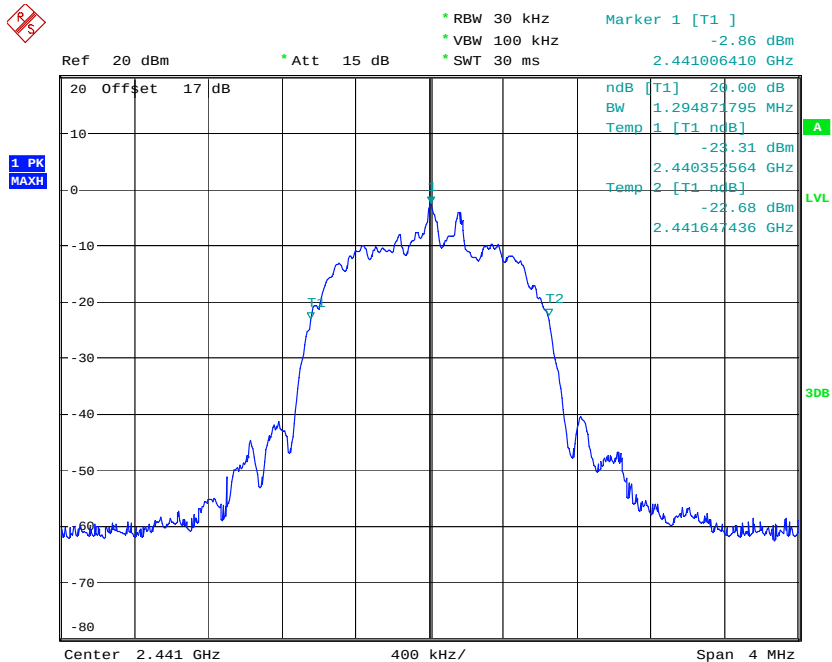


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

Mode D

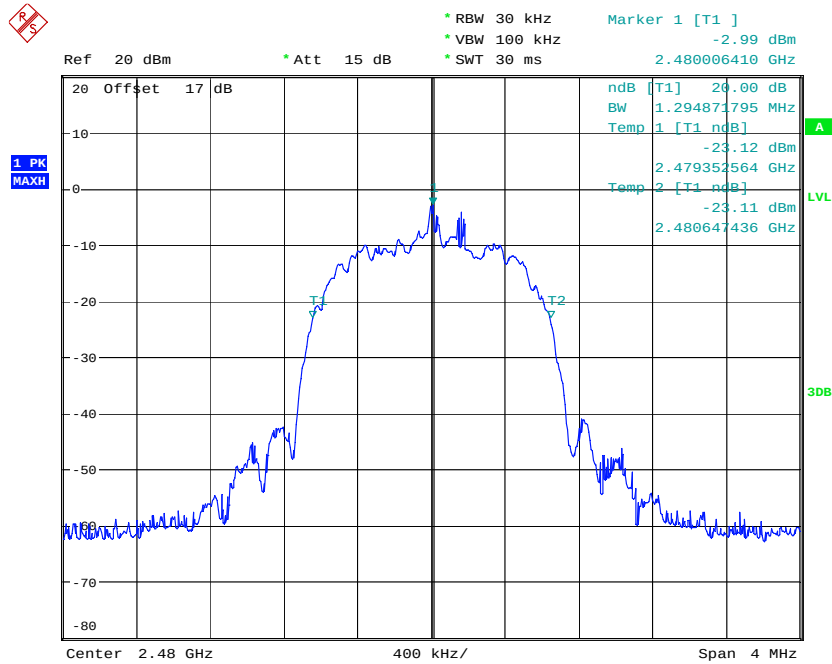


20DB BANDWIDTH CH0 EDR MODE
Date: 28.JUL.2016 17:37:33



20DB BANDWIDTH CH39 EDR MODE
Date: 28.JUL.2016 17:38:09

Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



20DB BANDWIDTH CH78 EDR MODE
Date: 28.JUL.2016 17:38:37

Limits:

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

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

3.9.1 System Receiver Input Bandwidth

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

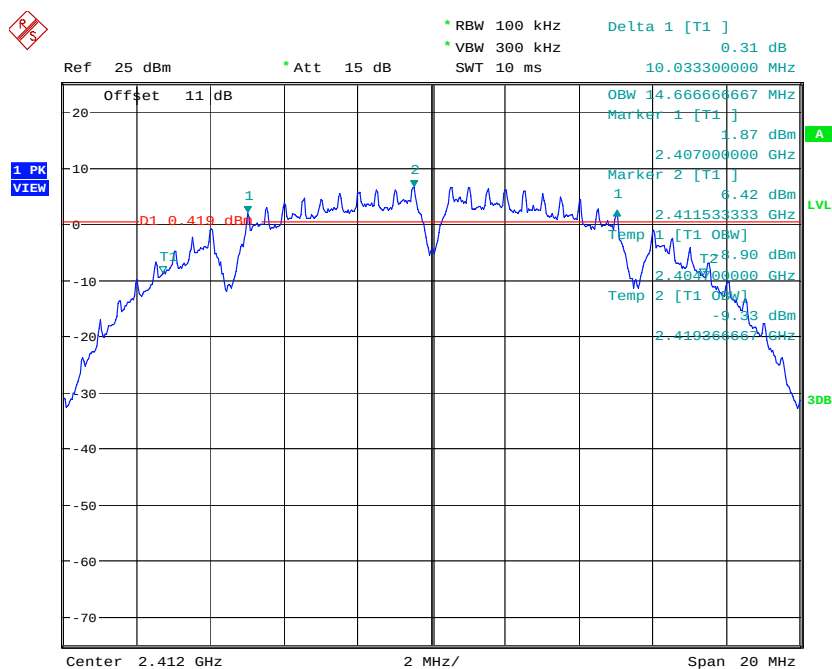


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

3.10 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.

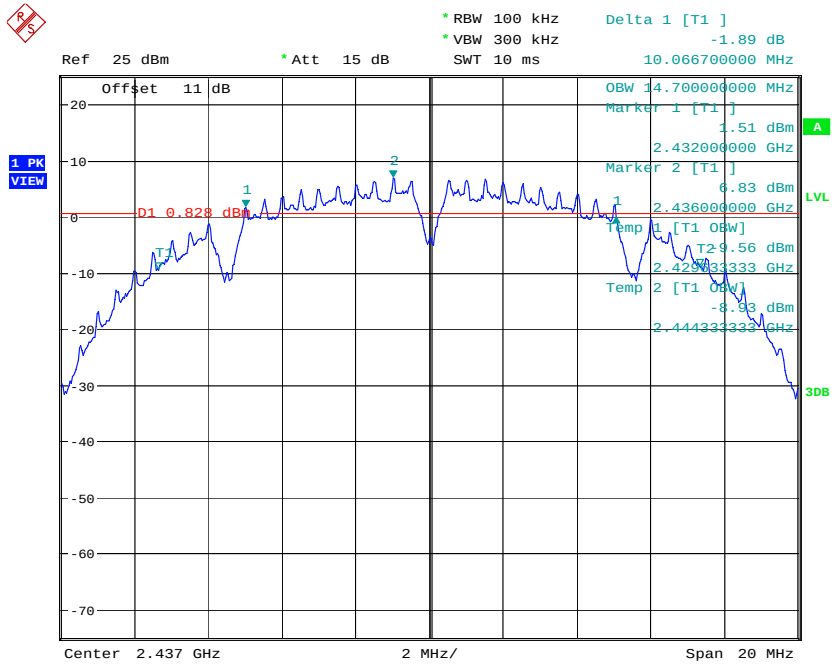
Mode A



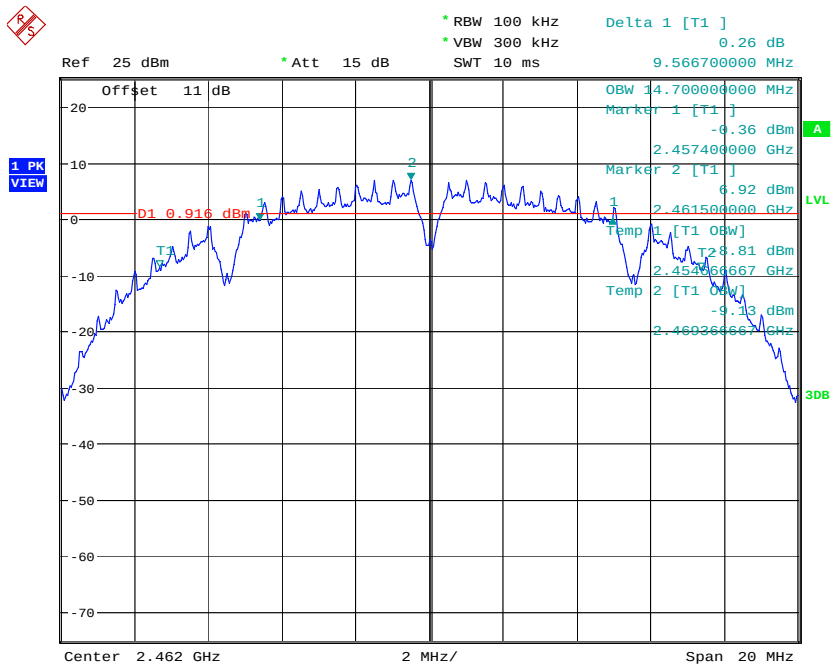
6DB BANDWIDTH 802.11B CH01
Date: 28.JUL.2016 16:47:15



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



6DB BANDWIDTH 802.11B CH06
Date: 28.JUL.2016 16:47:55

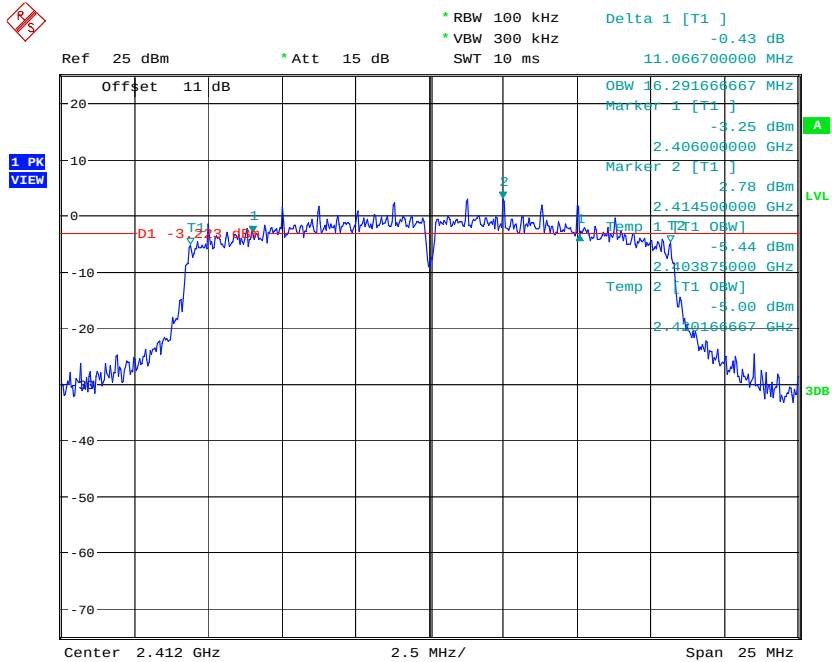


6DB BANDWIDTH 802.11B CH11
Date: 28.JUL.2016 16:48:25

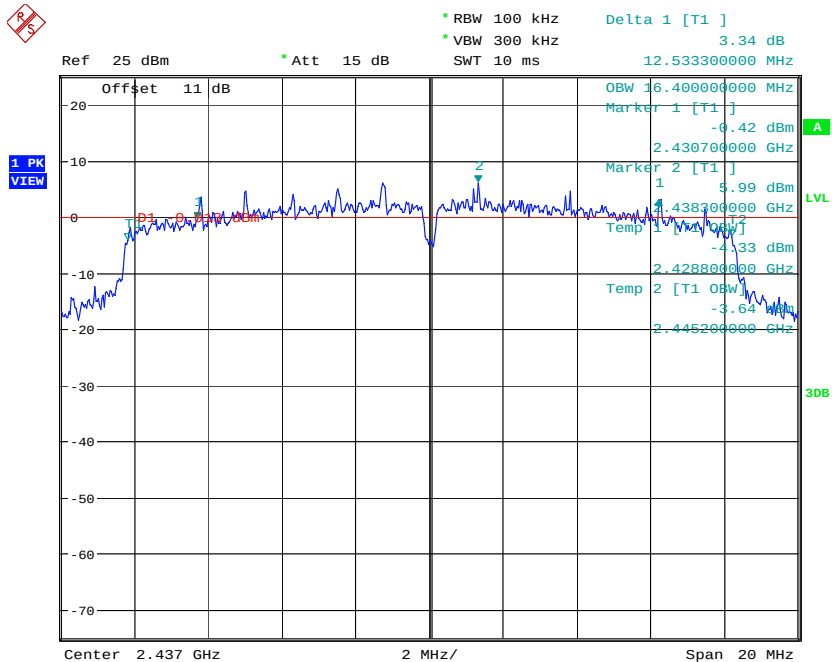


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

Mode B



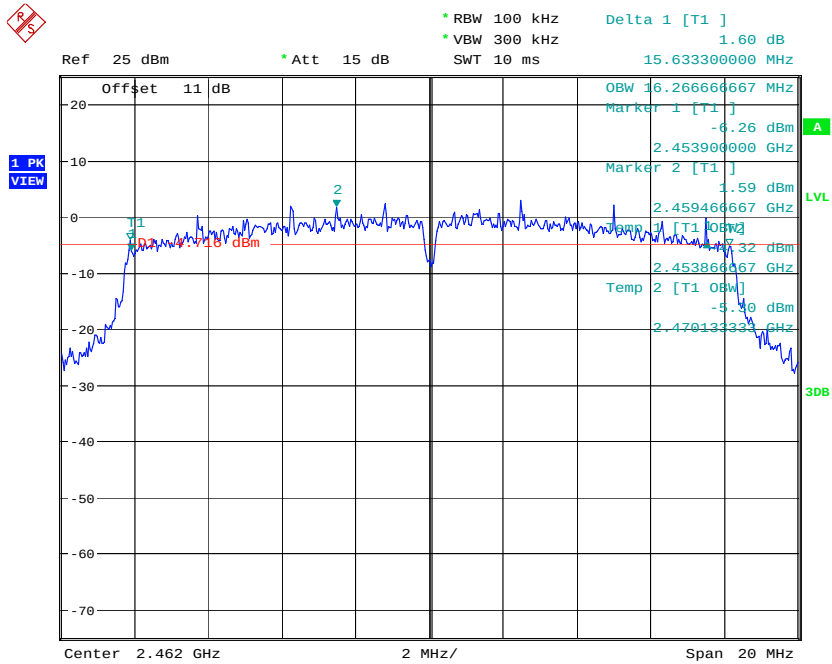
6DB BANDWIDTH 802.11G CH01
Date: 28.JUL.2016 16:49:16



6DB BANDWIDTH 802.11G CH06
Date: 28.JUL.2016 16:51:35

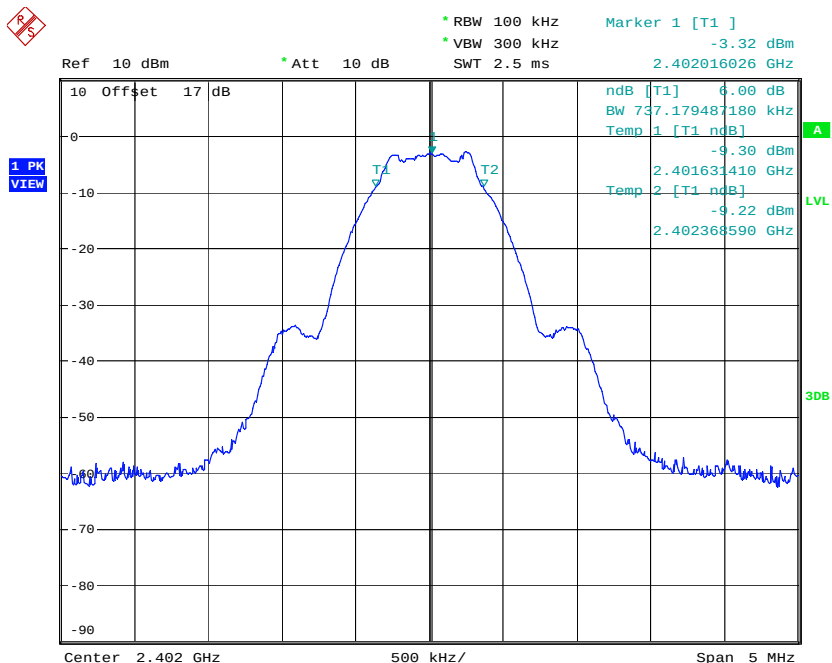


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



6DB BANDWIDTH 802.11G CH11
Date: 28.JUL.2016 16:52:10

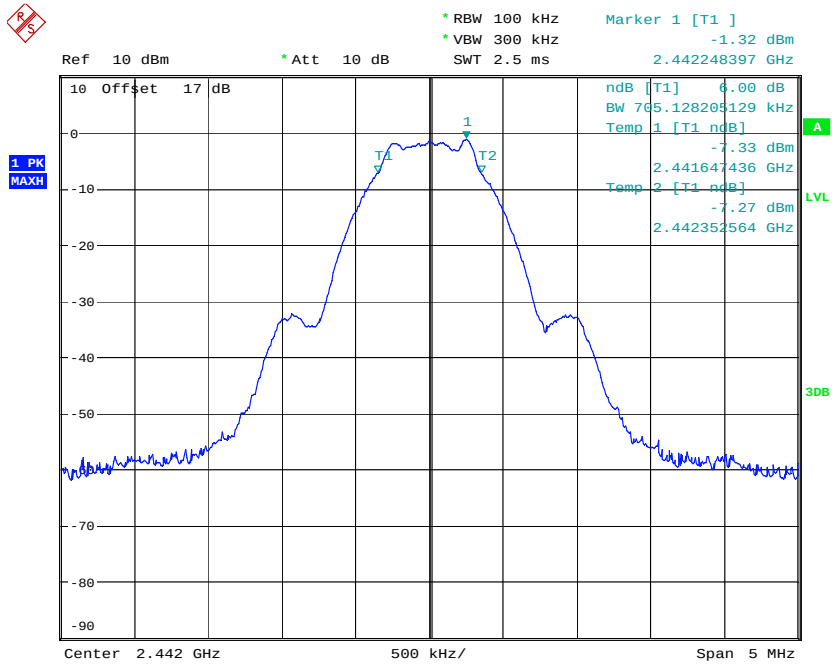
Mode E



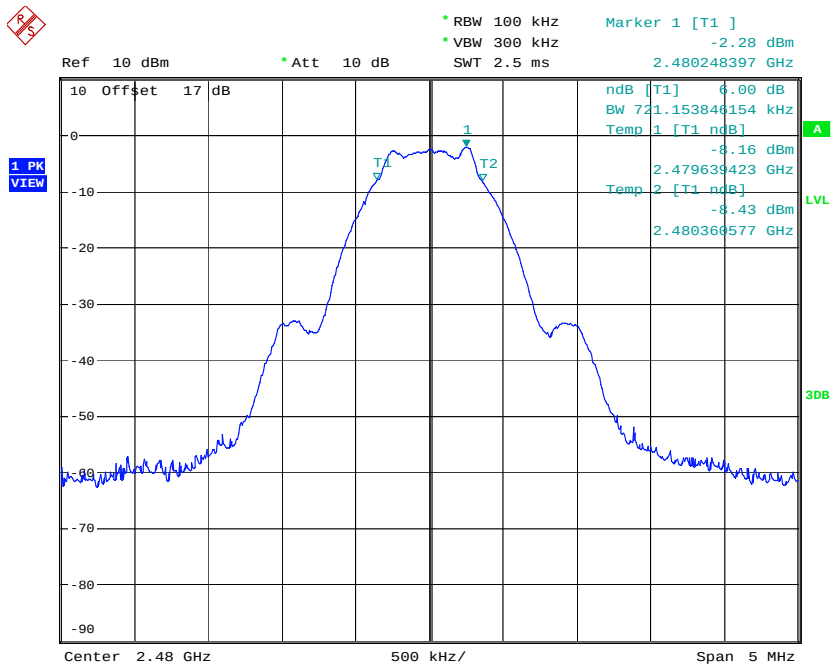
6DB BANDWIDTH BT4.0 CH00
Date: 28.JUL.2016 18:29:38



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



6DB BANDWIDTH T4.0 CH20
Date: 28.JUL.2016 18:34:22



6DB BANDWIDTH BT4.0 CH39
Date: 28.JUL.2016 18:31:16



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

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



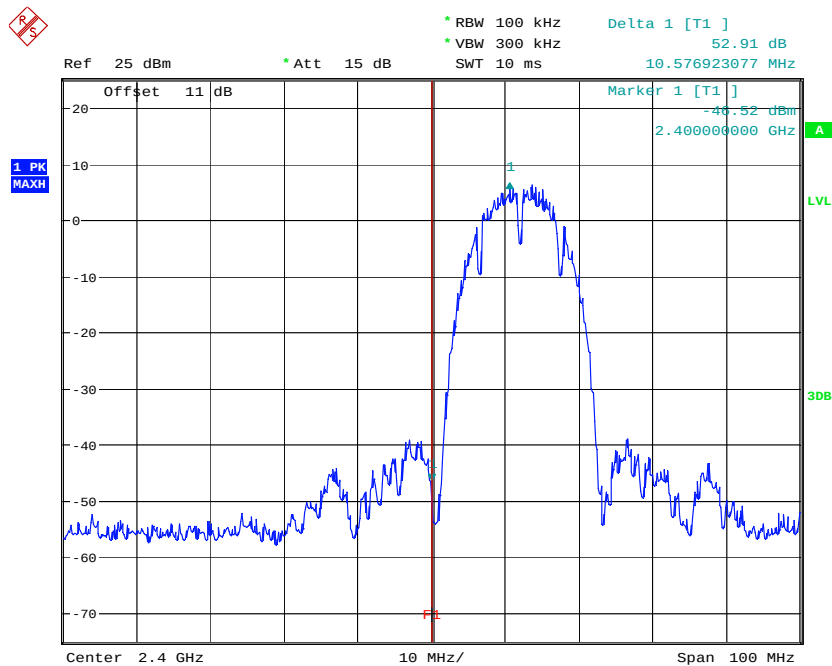
Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

3.11 Radiated Emission on the band edge

According to FCC rules part 15 subpart C §15.247(c) 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.

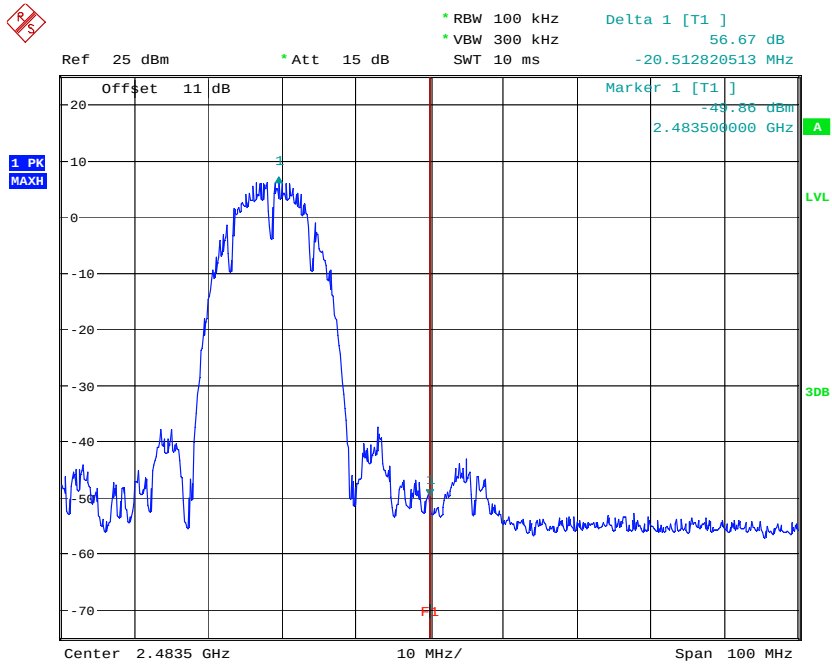
Mode A



BANDEDGE 802.11B CH01
Date: 28.JUL.2016 16:47:27

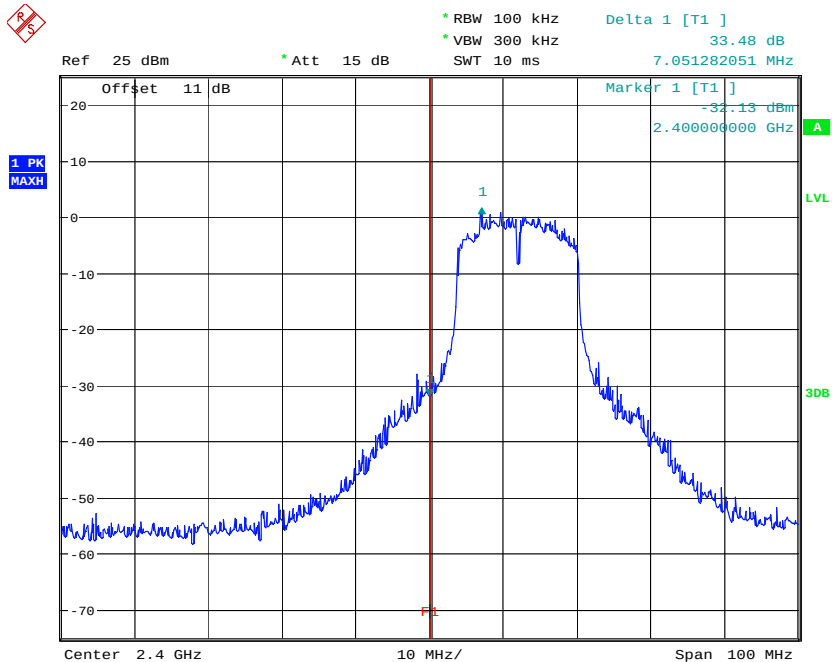


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



BANDEDGE 802.11B CH11
Date: 28.JUL.2016 16:48:37

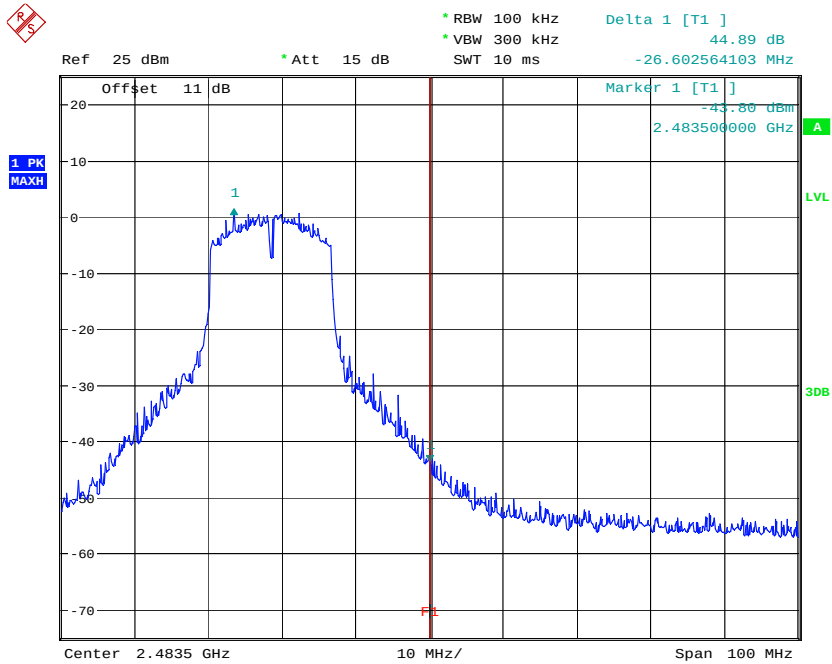
Mode B



BANDEDGE 802.11G CH01
Date: 28.JUL.2016 16:49:28

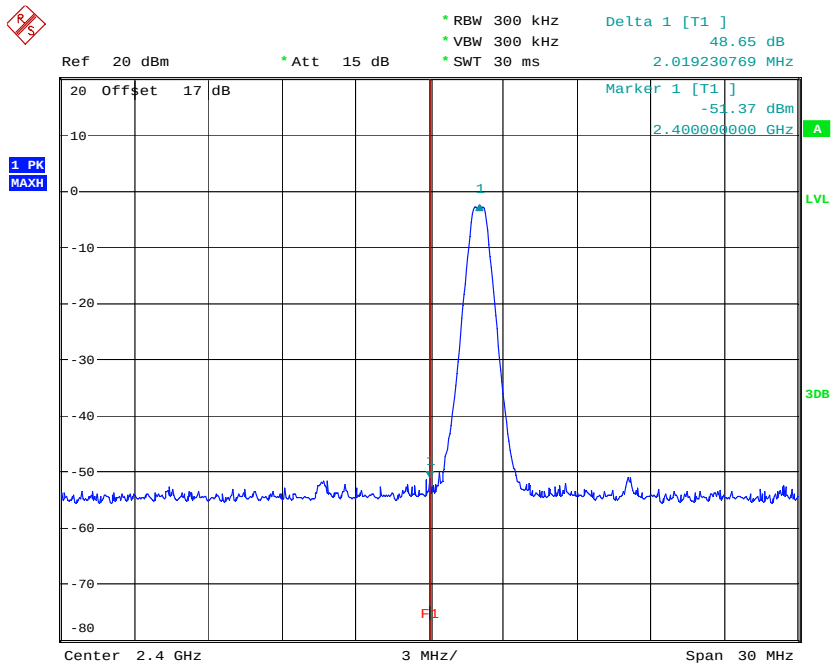


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



BANDEDGE 802.11G CH11
Date: 28.JUL.2016 16:52:22

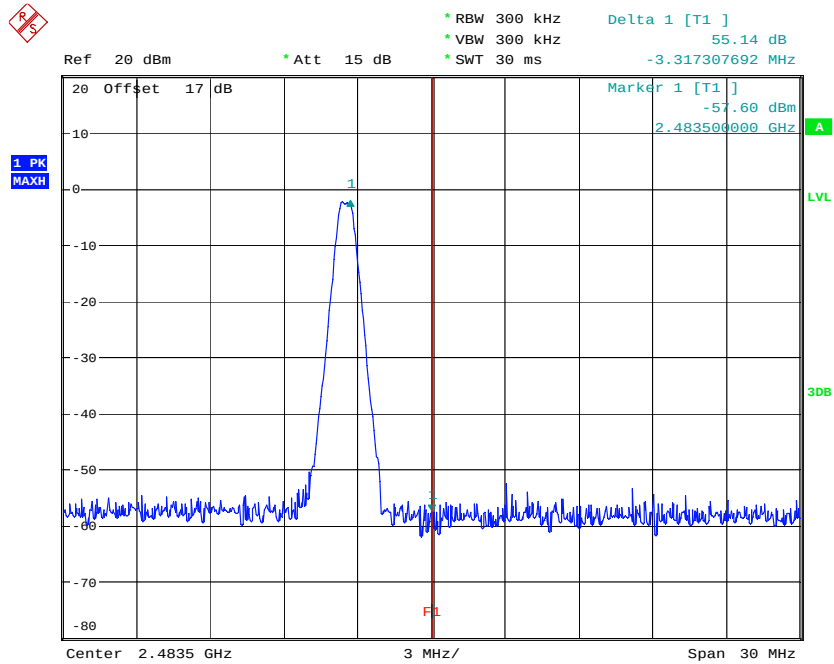
Mode C



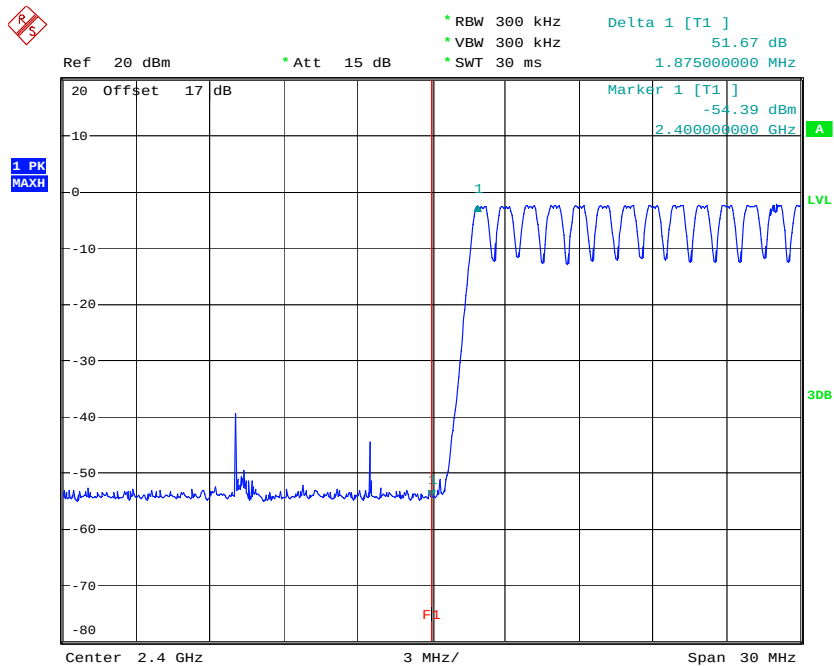
BANDEDGE CH0
Date: 28.JUL.2016 17:03:37



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



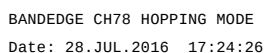
BANDEGE CH78
Date: 28.JUL.2016 17:04:26



BANDEGE CH0 HOPPING MODE
Date: 28.JUL.2016 17:08:46



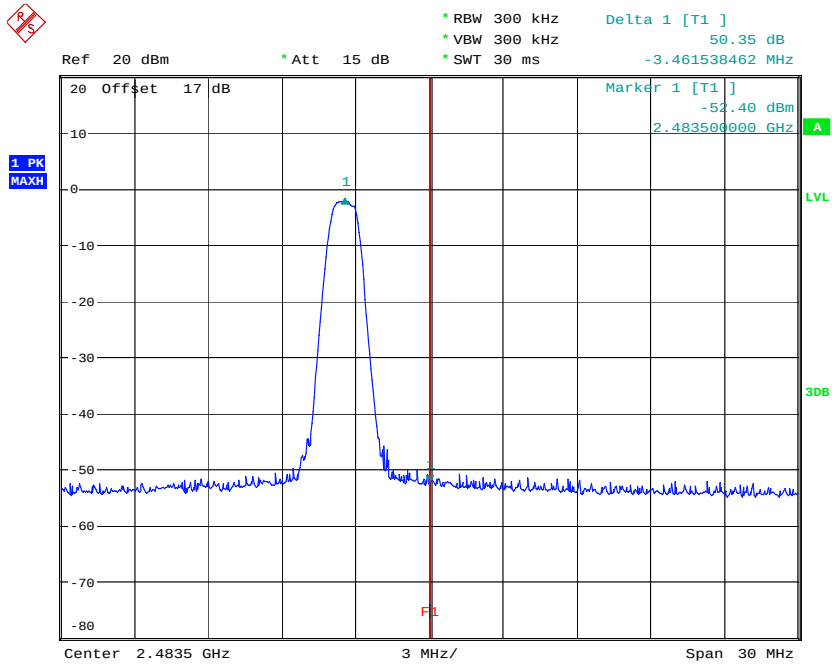
FCC ID: IPH-03023



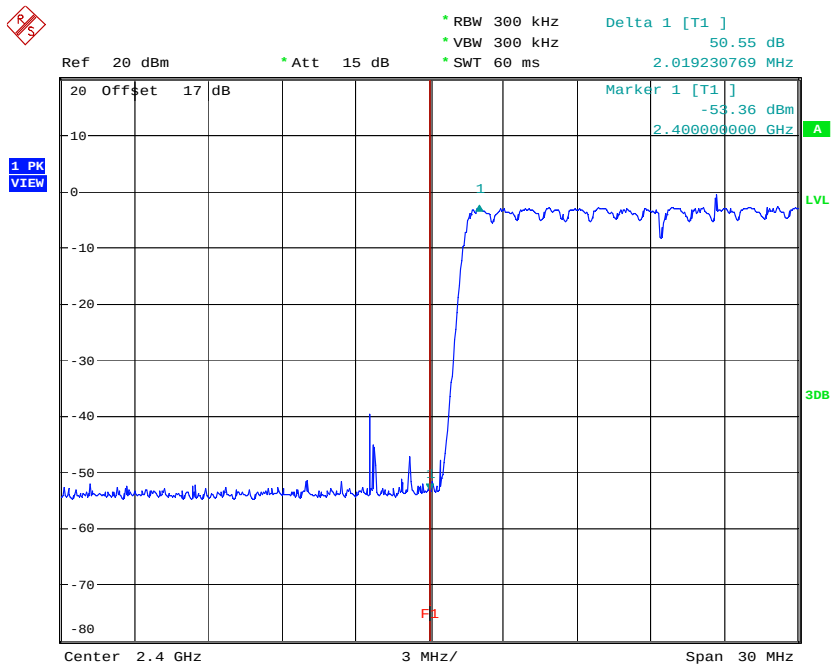
BANDEDGE CH0 EDR MODE
Date: 28.JUL.2016 17:37:41



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



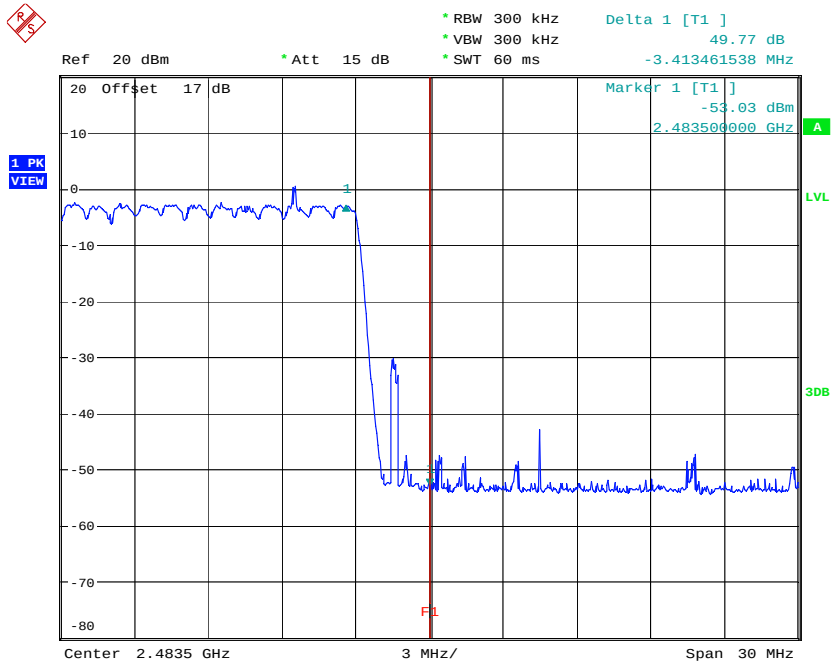
BANDEDGE CH78 EDR MODE
Date: 28.JUL.2016 17:38:50



BANDEDGE CH0 EDR HOPPING MODE
Date: 28.JUL.2016 17:31:46

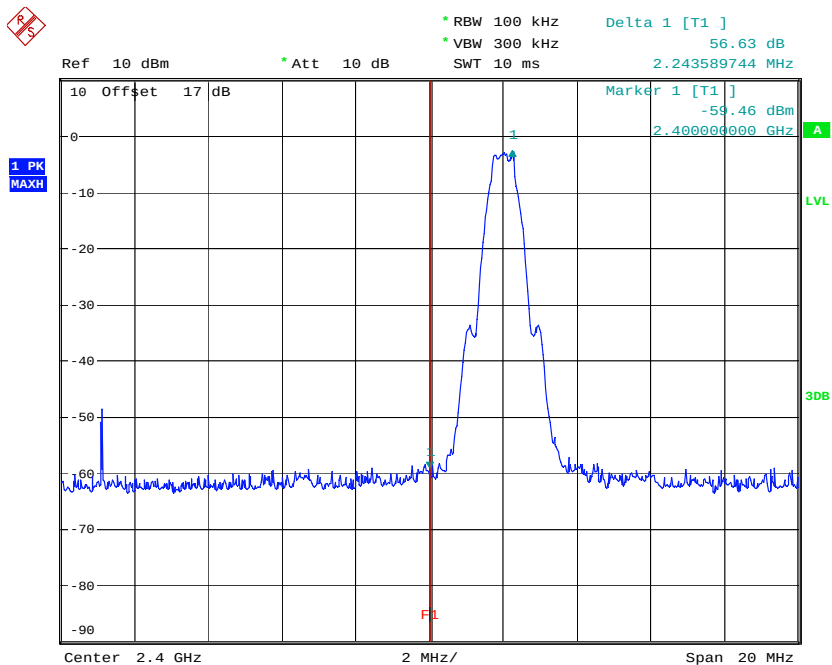


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



BANDEDGE CH78 EDR HOPPING MODE
Date: 28.JUL.2016 17:30:08

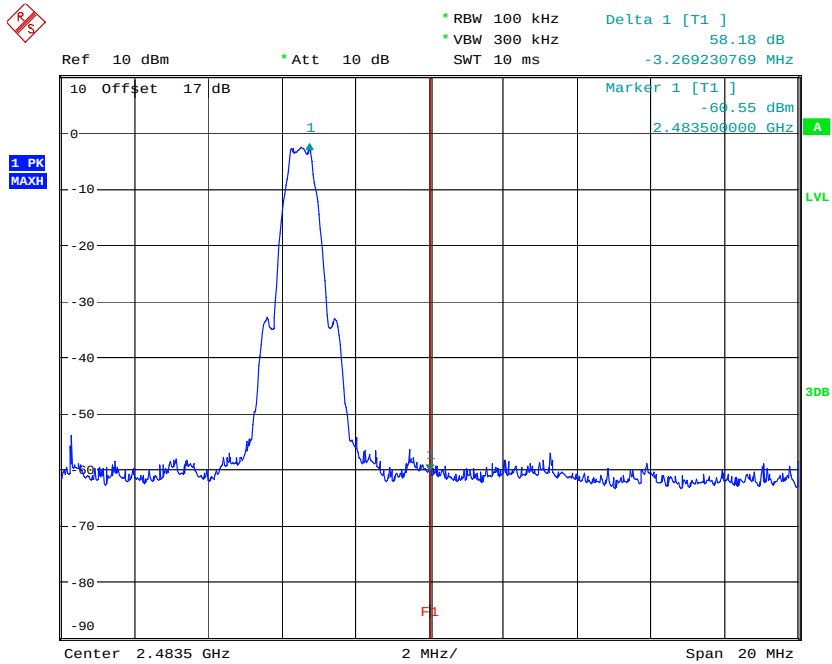
Mode E



BANDEDGE BT4.0 CH00
Date: 28.JUL.2016 18:29:56



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



BANDEDGE BT4.0 CH39
Date: 28.JUL.2016 18:31:34

Limit:

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

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

Registration number: W6M21605-15841-C-1

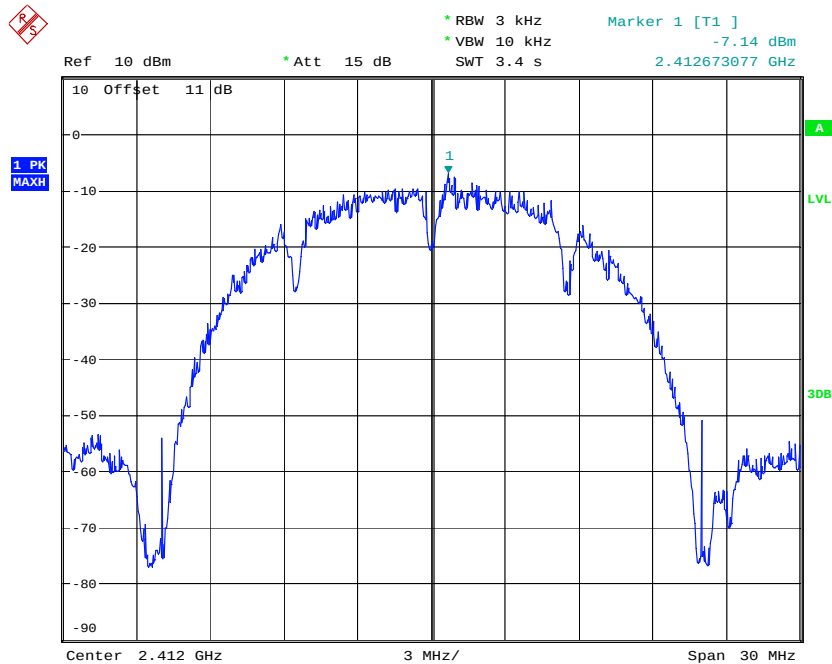
FCC ID: IPH-03023

3.12 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.

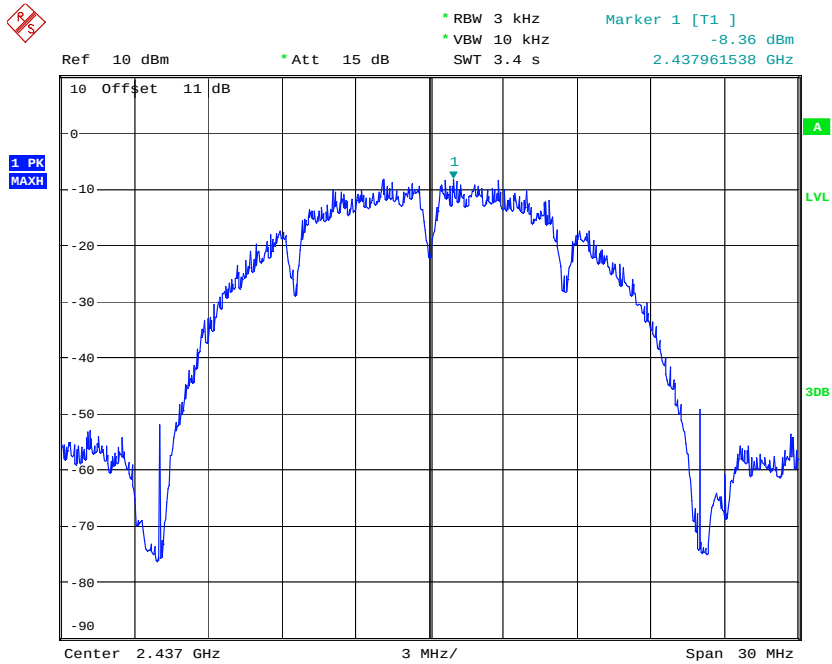
Mode A



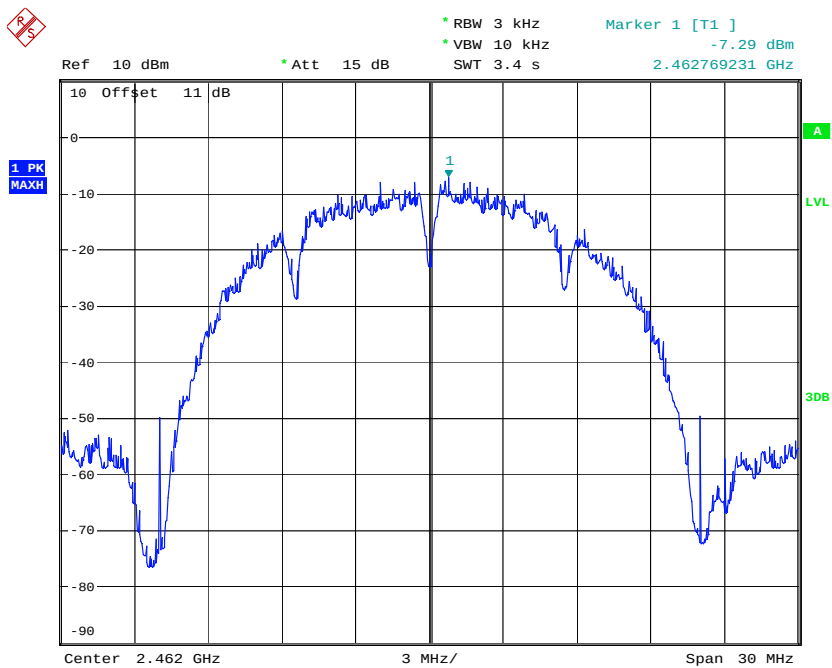
POWER DENSITY 802.11B CH01
Date: 28.JUL.2016 16:47:23



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



POWER DENSITY 802.11B CH06
Date: 28.JUL.2016 16:48:03

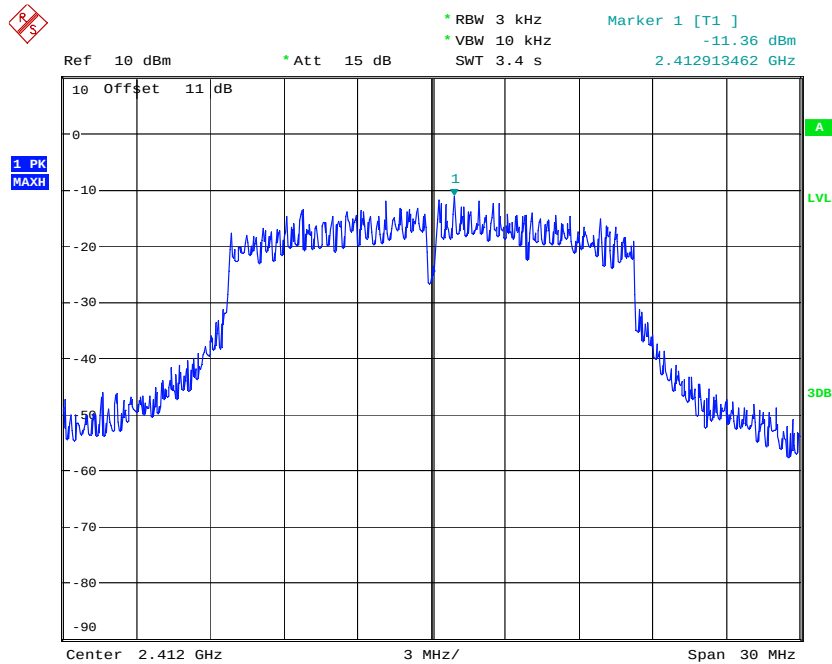


POWER DENSITY 802.11B CH11
Date: 28.JUL.2016 16:48:33

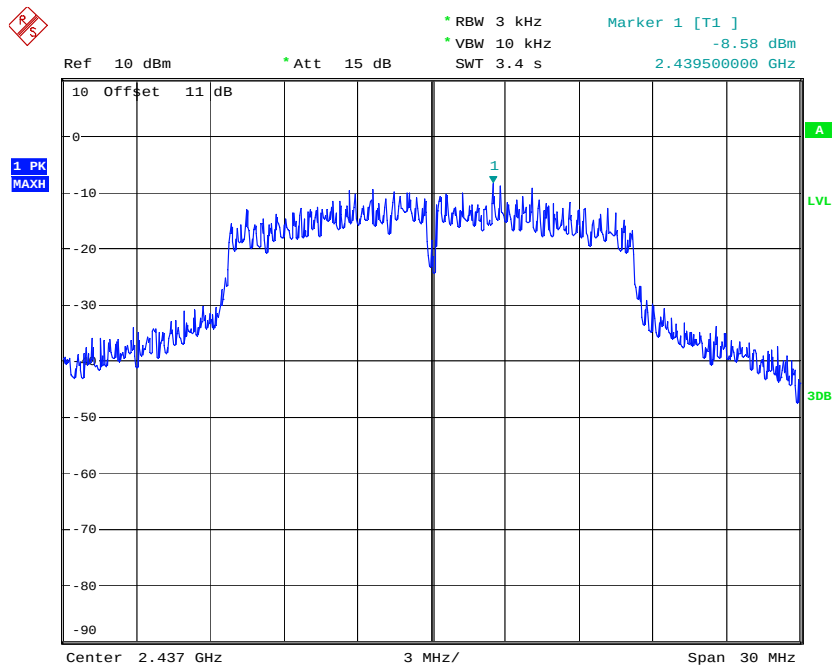


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

Mode B



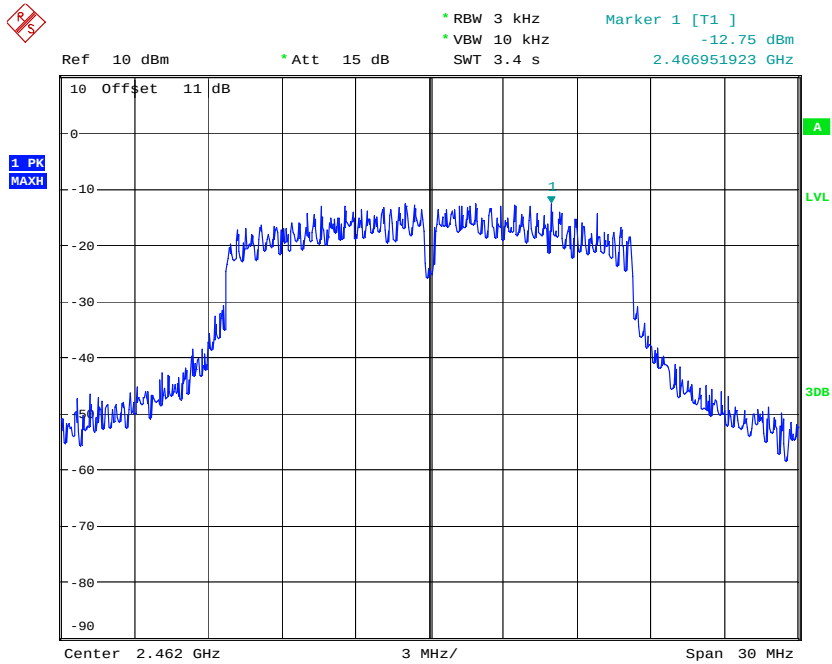
POWER DENSITY 802.11G CH01
Date: 28.JUL.2016 16:49:24



POWER DENSITY 802.11G CH06
Date: 28.JUL.2016 16:51:43

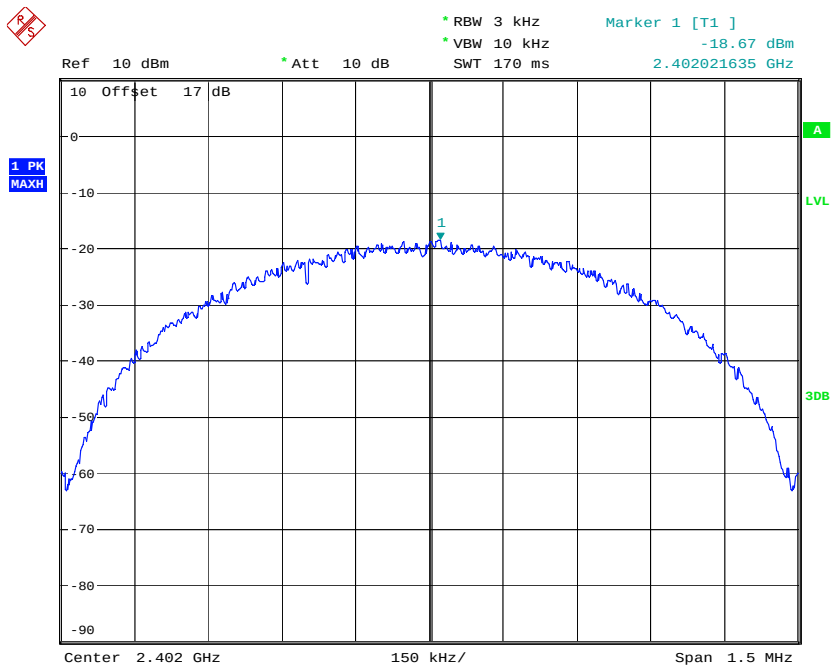


Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



POWER DENSITY 802.11G CH11
Date: 28.JUL.2016 16:52:18

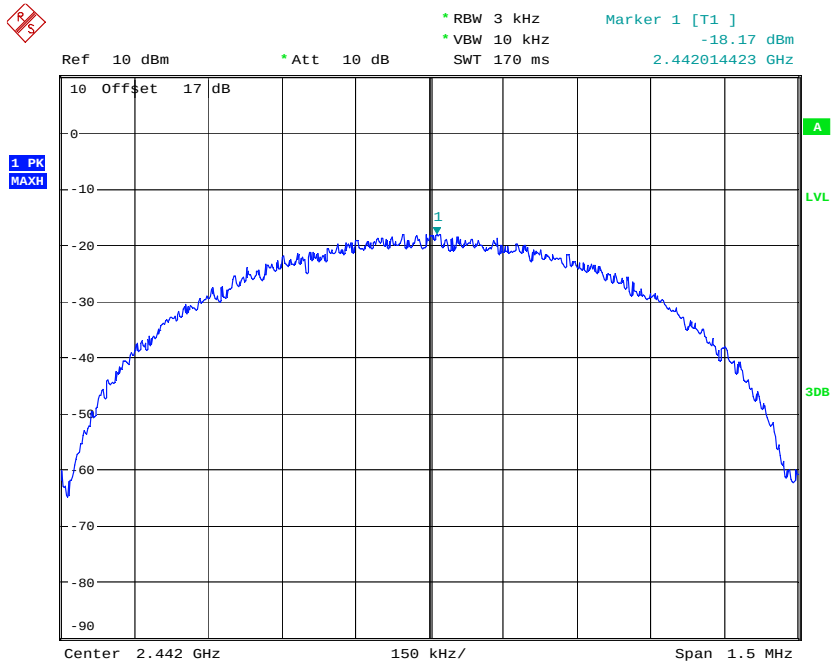
Mode E



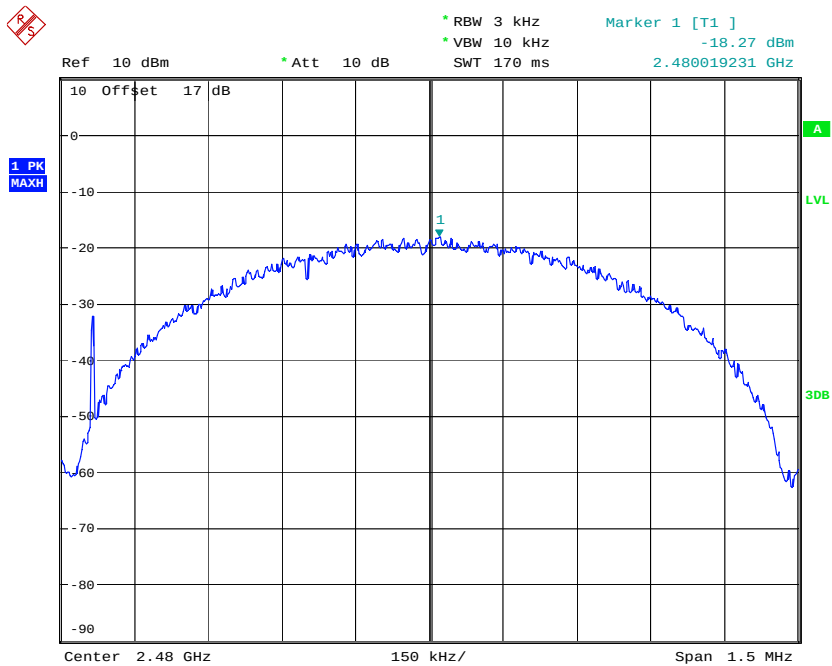
POWER DENSITY BT4.0 CH00
Date: 28.JUL.2016 18:29:48



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



POWER DENSITY BT4.0 CH20
Date: 28.JUL.2016 18:41:01



POWER DENSITY BT4.0 CH39
Date: 28.JUL.2016 18:31:26



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

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: W6M21605-15841-C-1

FCC ID: IPH-03023

3.13 Radiated Emission from Receiver Part

FCC Rule: 15.109

Model: A03023

Date: --

Mode: --

Temperature: -- °C Engineer: --

Polarization: --

Humidity: -- %

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

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

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.**

Test equipment used: ETSTW-RE 004, ETSTW-RE 111, ETSTW-RE 030,
ETSTW-RE 044

Explanation: The test results are listed in the separated test report no.: W6M21605-15841-P-15B.



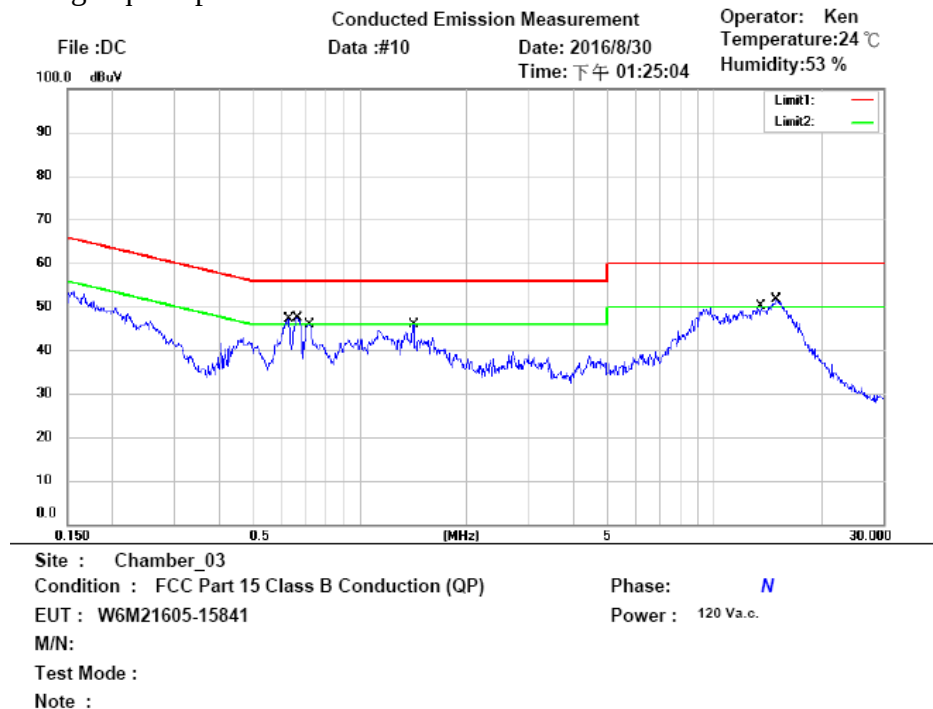
Registration number: W6M21605-15841-C-1

FCC ID: IPH-03023

3.14 Power Line Conducted Emission

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

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

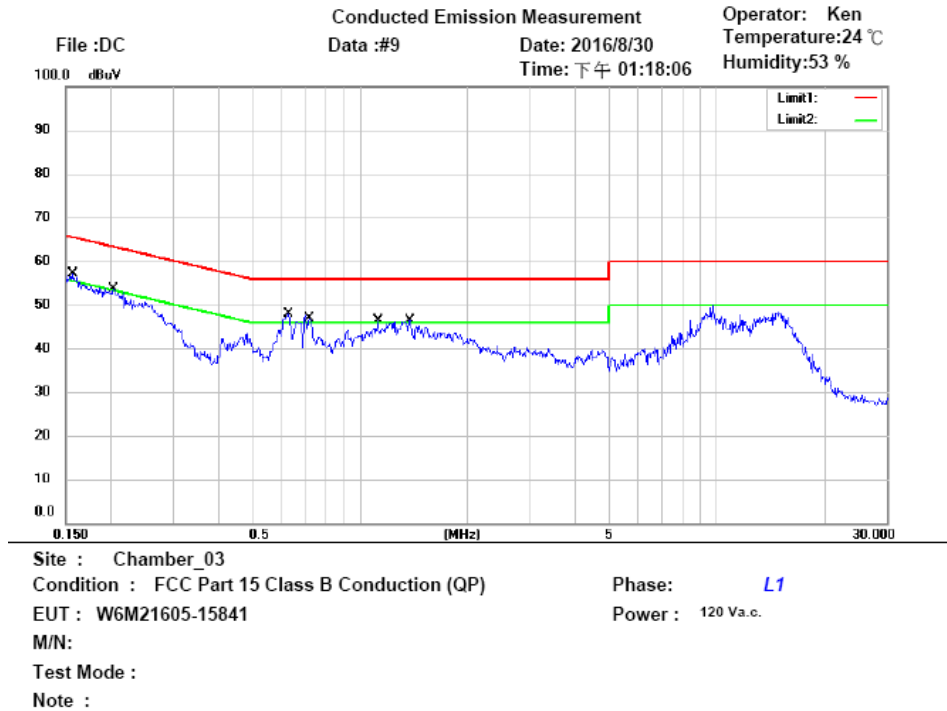


Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.6282	28.79	QP	9.74	38.53	56.00	-17.47	
	0.6282	11.20	AVG	9.74	20.94	46.00	-25.06	
*	0.6665	34.21	QP	9.74	43.95	56.00	-12.05	
	0.6665	13.77	AVG	9.74	23.51	46.00	-22.49	
	0.7182	32.10	QP	9.74	41.84	56.00	-14.16	
	0.7182	14.79	AVG	9.74	24.53	46.00	-21.47	
	1.4113	23.36	QP	9.77	33.13	56.00	-22.87	
	1.4113	11.83	AVG	9.77	21.60	46.00	-24.40	
	13.5000	31.09	QP	10.16	41.25	60.00	-18.75	
	13.5000	14.55	AVG	10.16	24.71	50.00	-25.29	
	14.9125	30.70	QP	10.18	40.88	60.00	-19.12	
	14.9125	13.11	AVG	10.18	23.29	50.00	-26.71	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21605-15841-C-1
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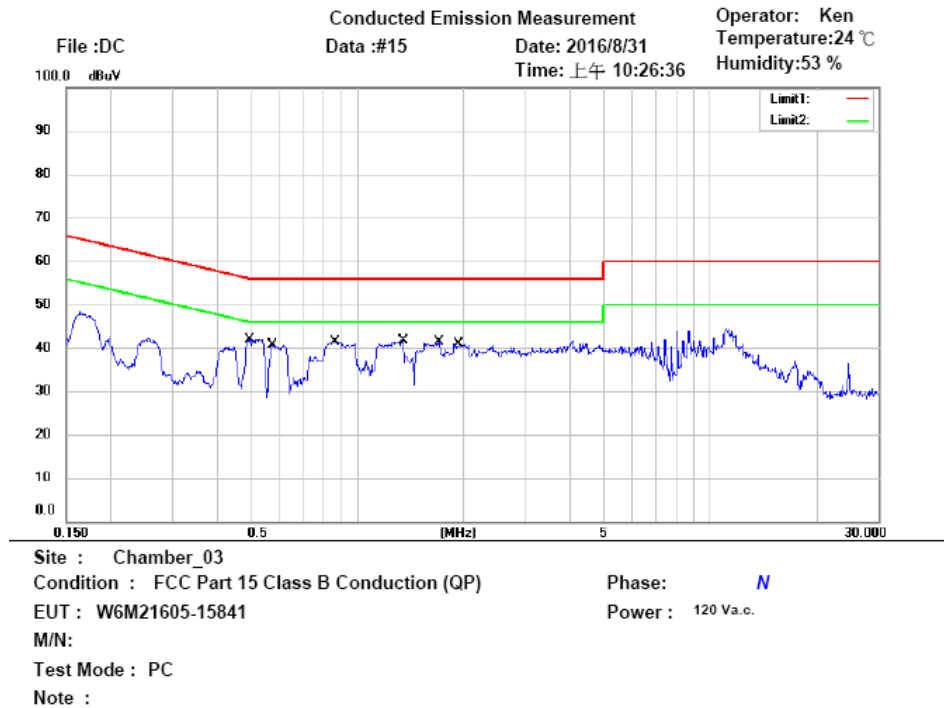


Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1563	36.29	QP	9.74	46.03	65.66	-19.63	
	0.1563	16.74	AVG	9.74	26.48	55.66	-29.18	
	0.2031	35.33	QP	9.73	45.06	63.48	-18.42	
	0.2031	15.89	AVG	9.73	25.62	53.48	-27.86	
	0.6282	31.49	QP	9.74	41.23	56.00	-14.77	
	0.6282	13.77	AVG	9.74	23.51	46.00	-22.49	
*	0.7193	33.26	QP	9.74	43.00	56.00	-13.00	
	0.7193	16.96	AVG	9.74	26.70	46.00	-19.30	
	1.1210	28.48	QP	9.75	38.23	56.00	-17.77	
	1.1210	12.88	AVG	9.75	22.63	46.00	-23.37	
	1.3753	31.14	QP	9.77	40.91	56.00	-15.09	
	1.3753	12.38	AVG	9.77	22.15	46.00	-23.85	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023



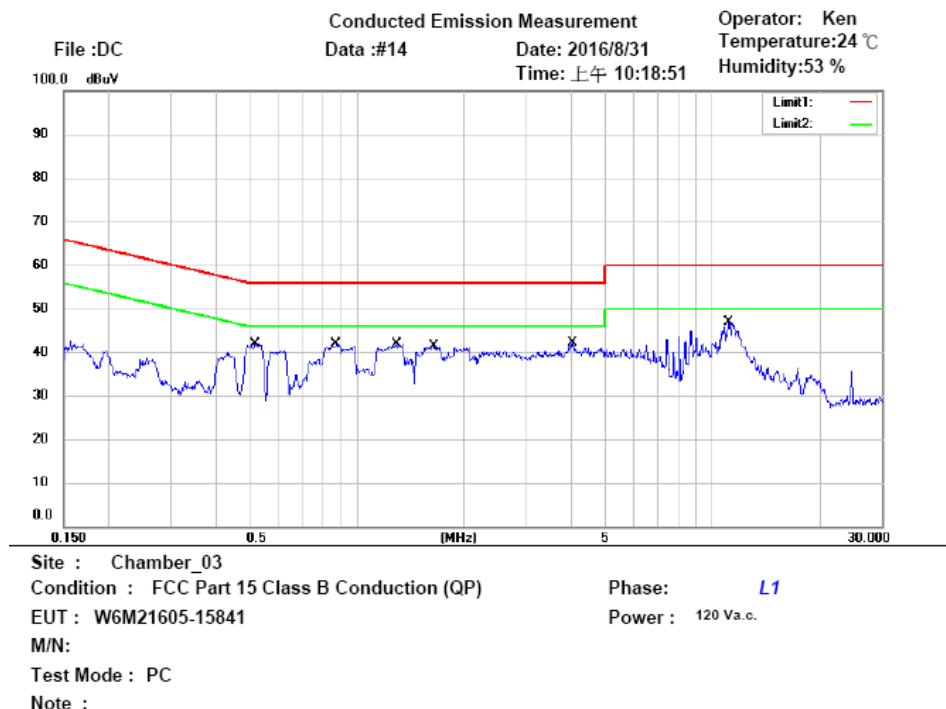
Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.4946	29.31	QP	9.73	39.04	56.09	-17.05	
	0.4946	17.79	AVG	9.73	27.52	46.09	-18.57	
	0.5742	27.77	QP	9.73	37.50	56.00	-18.50	
	0.5742	14.91	AVG	9.73	24.64	46.00	-21.36	
	0.8622	28.80	QP	9.74	38.54	56.00	-17.46	
	0.8622	13.89	AVG	9.74	23.63	46.00	-22.37	
	1.3460	27.64	QP	9.76	37.40	56.00	-18.60	
	1.3460	12.69	AVG	9.76	22.45	46.00	-23.55	
*	1.7015	29.27	QP	9.78	39.05	56.00	-16.95	
	1.7015	13.90	AVG	9.78	23.68	46.00	-22.32	
	1.9355	26.03	QP	9.79	35.82	56.00	-20.18	
	1.9355	14.30	AVG	9.79	24.09	46.00	-21.91	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21605-15841-C-1

FCC ID: IPH-03023



Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.5157	29.58	QP	9.73	39.31	56.00	-16.69	
	0.5157	17.66	AVG	9.73	27.39	46.00	-18.61	
	0.8735	29.04	QP	9.74	38.78	56.00	-17.22	
	0.8735	14.48	AVG	9.74	24.22	46.00	-21.78	
	1.2943	27.77	QP	9.76	37.53	56.00	-18.47	
	1.2943	13.19	AVG	9.76	22.95	46.00	-23.05	
	1.6520	26.68	QP	9.78	36.46	56.00	-19.54	
	1.6520	13.89	AVG	9.78	23.67	46.00	-22.33	
	3.9943	24.71	QP	9.88	34.59	56.00	-21.41	
	3.9943	16.22	AVG	9.88	26.10	46.00	-19.90	
	11.0750	29.25	QP	10.07	39.32	60.00	-20.68	
	11.0750	22.13	AVG	10.07	32.20	50.00	-17.80	

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.

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 064, ETSTW-RE 045



Registration number: W6M21605-15841-C-1
FCC ID: IPH-03023

Appendix

Measurement diagrams

Spurious Emissions radiated



Worldwide Testing Services(Taiwan) Co., Ltd.

Measurement diagrams

Spurious Emission Radiated _TX(WLAN)



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

Radiated Emission Measurement

Operator: Roy

File :1

Data :#1

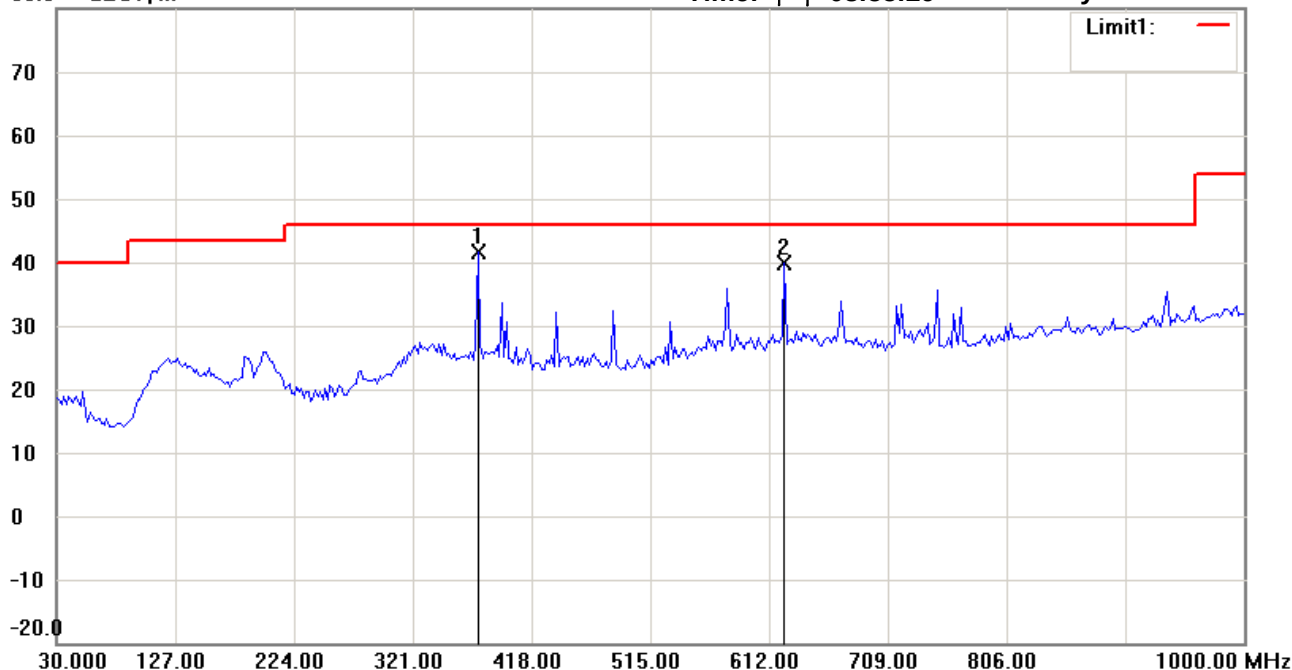
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 08:55:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	374.0681	45.70	peak	-4.14	41.56	46.00	100	25	-4.44	
	624.8297	40.00	peak	-0.12	39.88	46.00	100	150	-6.12	

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



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

Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

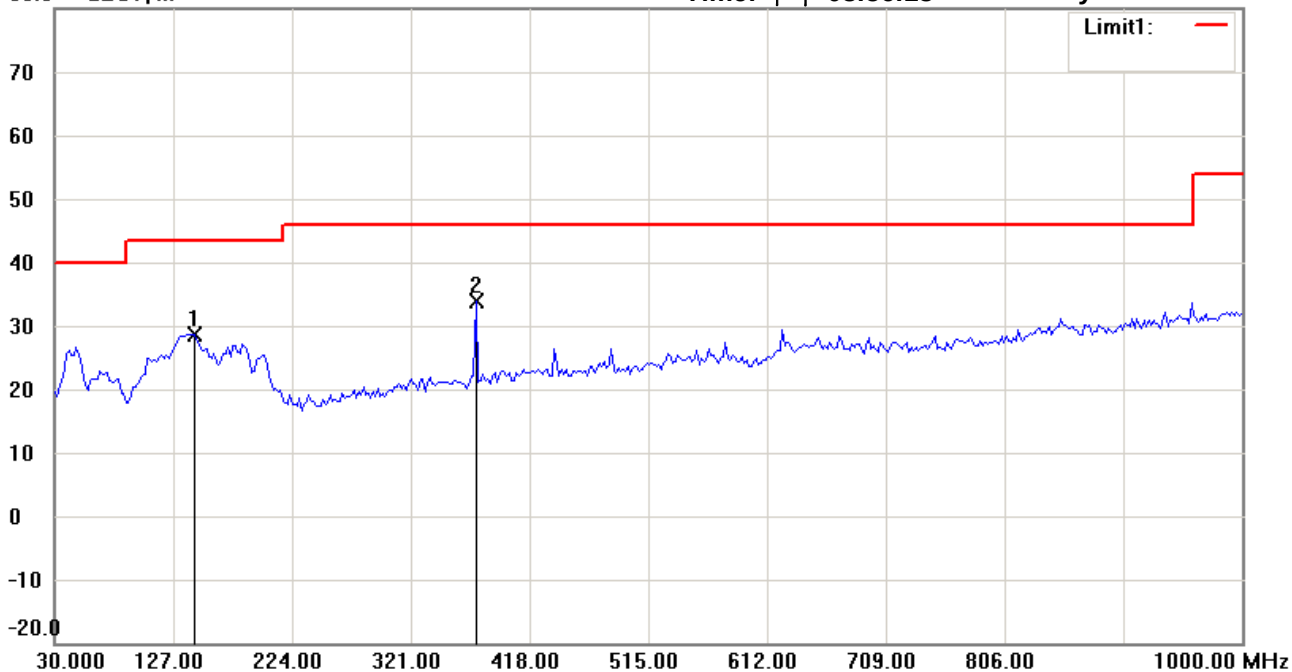
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 08:56:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	144.6894	35.86	peak	-7.15	28.71	43.50	100	55	-14.79	
*	374.0681	38.12	peak	-4.14	33.98	46.00	100	120	-12.02	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

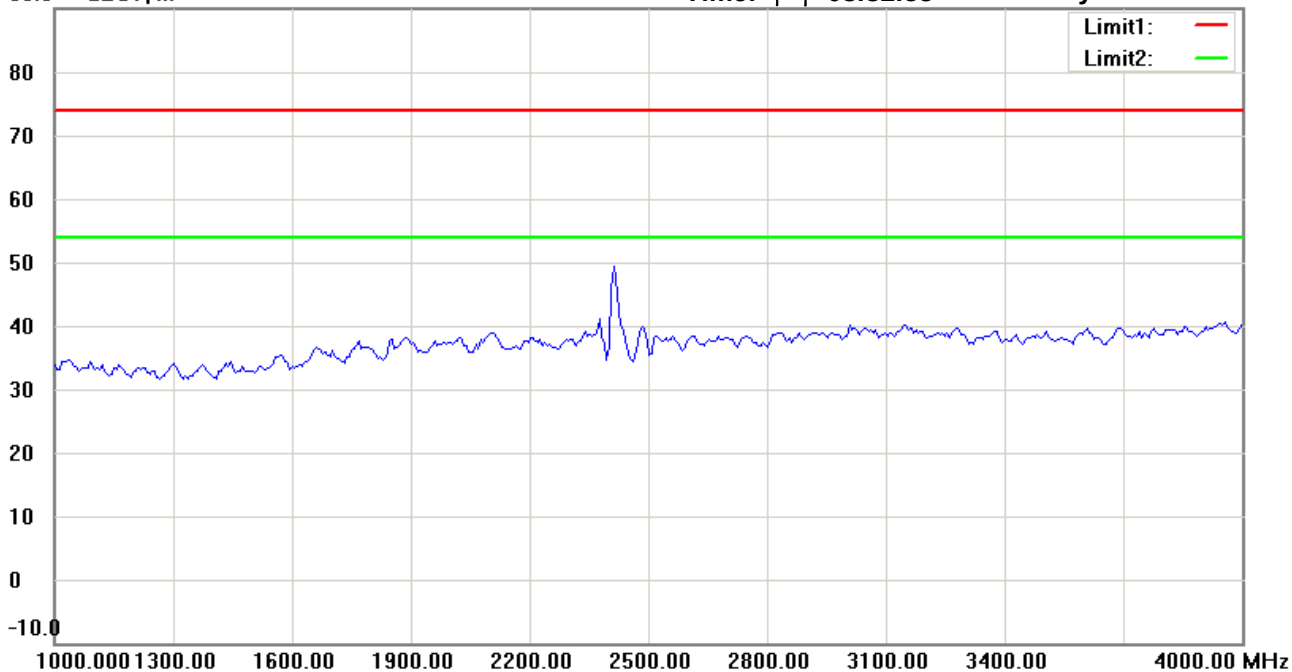
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:32:55

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	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

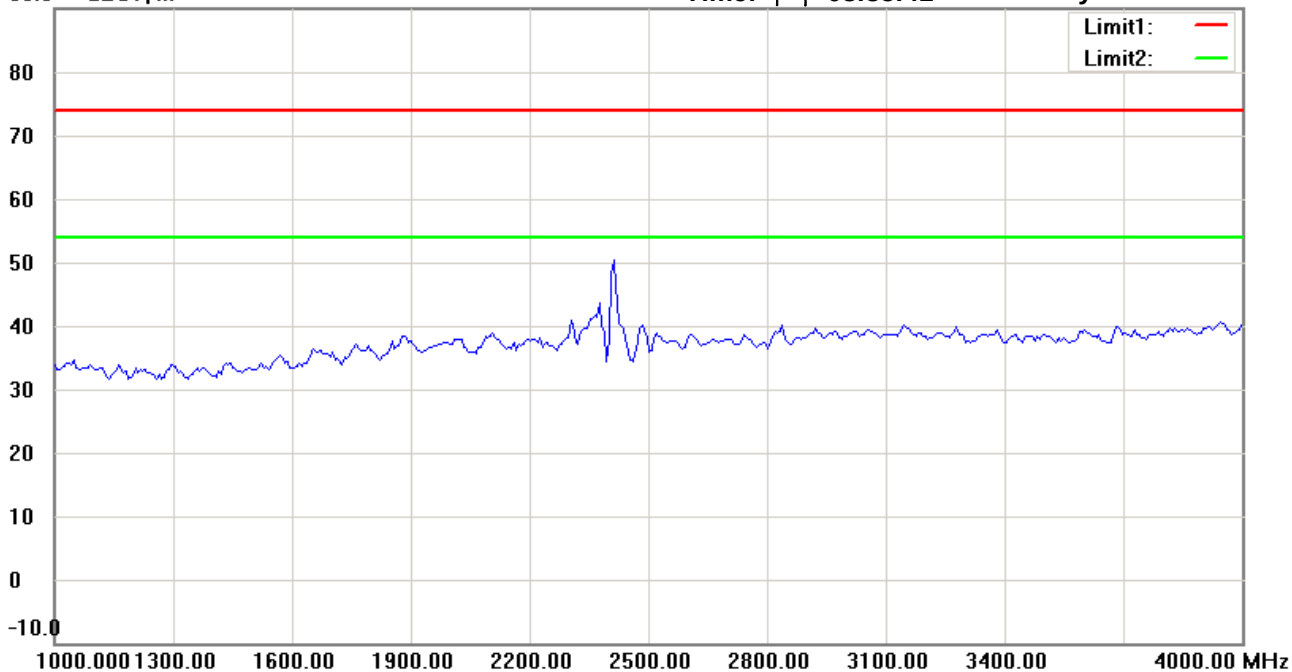
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:35:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #2

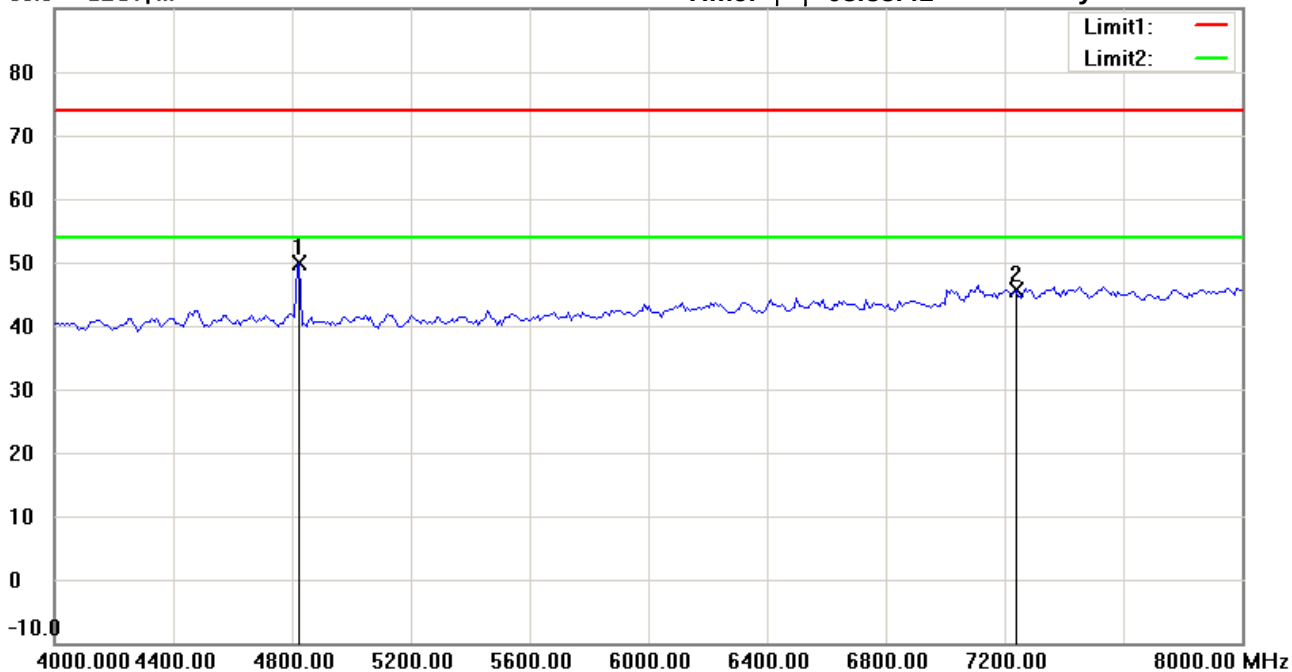
Date: 2016/7/6

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 08:33:41

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	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	50.46	peak	-0.56	49.90	74.00	100	95	-24.10	
	7236.000	41.33	peak	4.29	45.62	74.00	100	210	-28.38	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

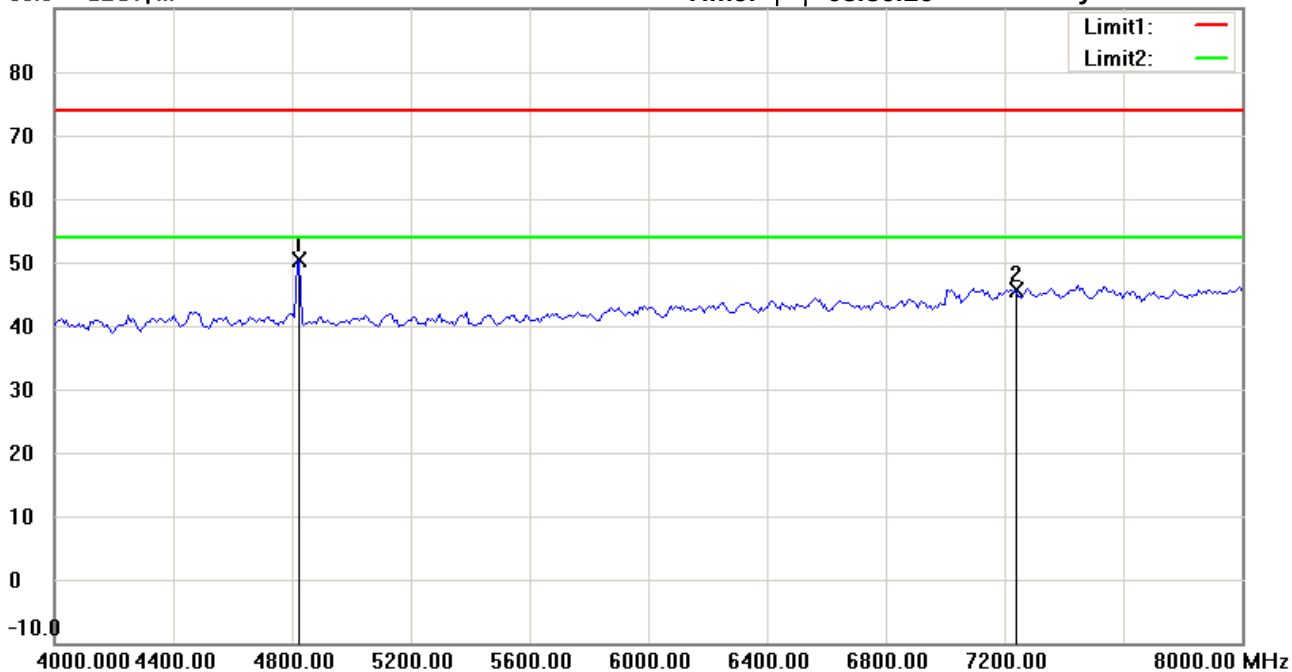
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:36:26

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	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	50.89	peak	-0.56	50.33	74.00	100	240	-23.67	
	7236.000	41.32	peak	4.29	45.61	74.00	100	335	-28.39	

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



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

Operator: Roy

File :3

Data :#3

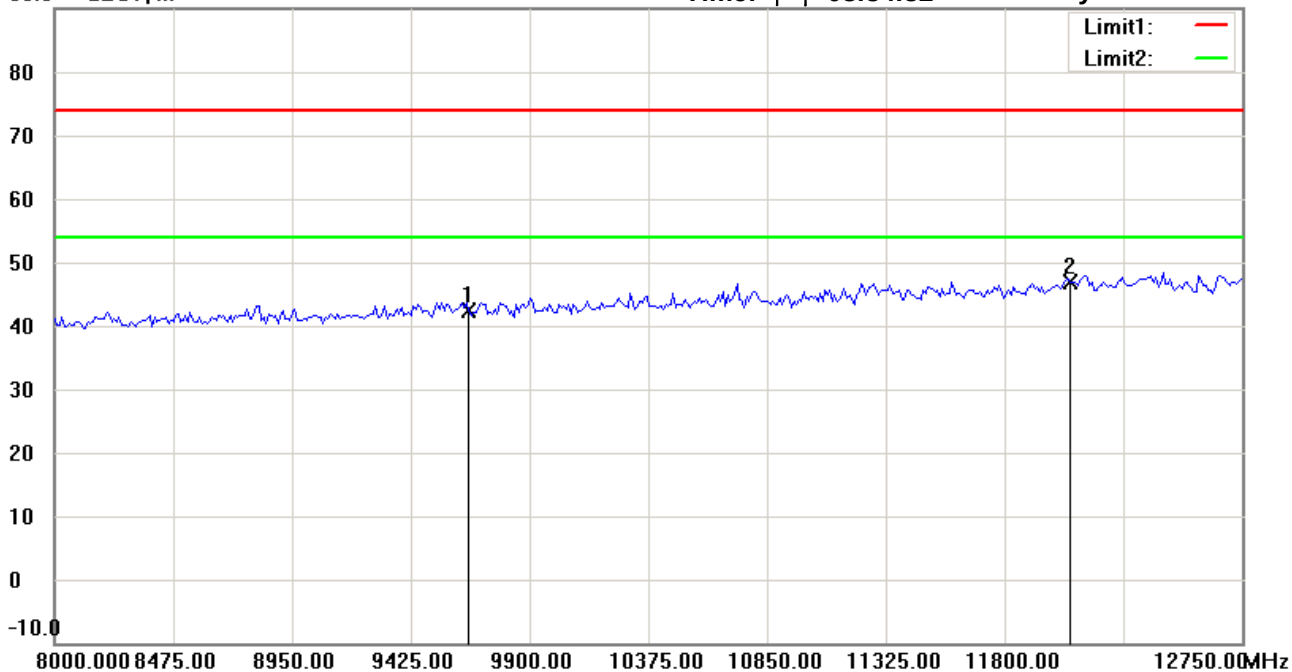
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:34:32

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	34.83	peak	7.51	42.34	74.00	100	130	-31.66	
*	12060.000	33.67	peak	13.18	46.85	74.00	100	70	-27.15	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

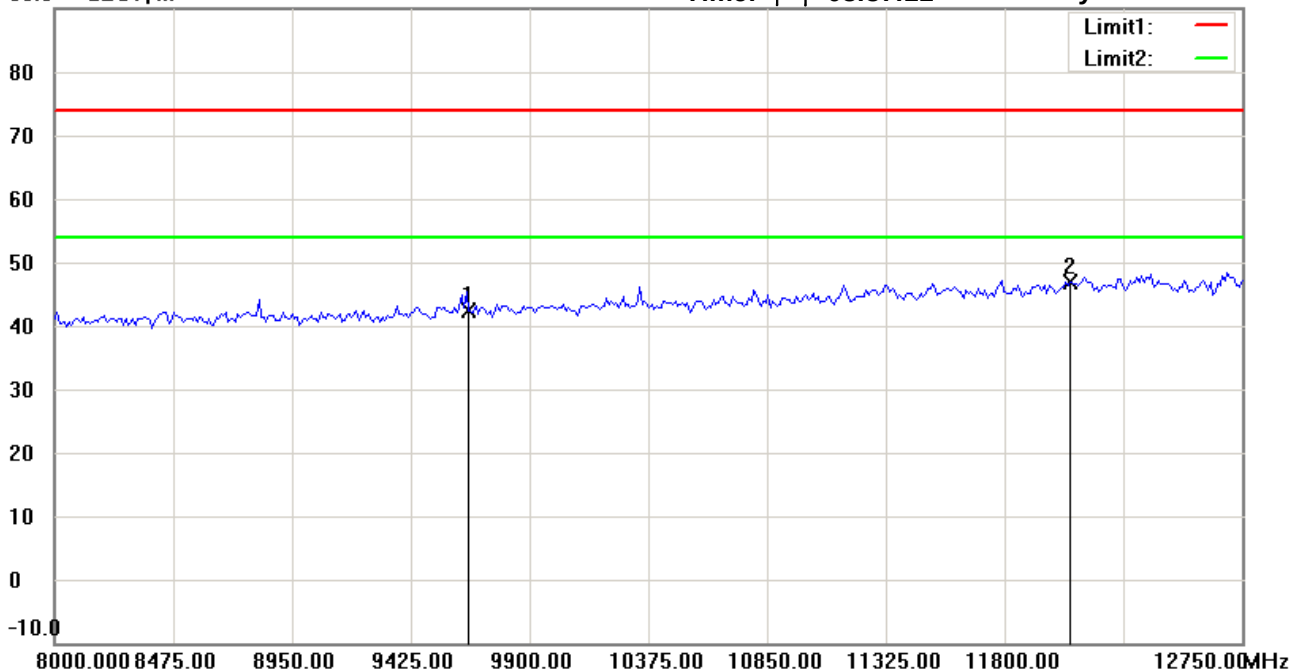
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:37:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	34.80	peak	7.51	42.31	74.00	100	215	-31.69	
*	12060.000	33.64	peak	13.18	46.82	74.00	100	60	-27.18	

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



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

Operator: Roy

File :3

Data :#4

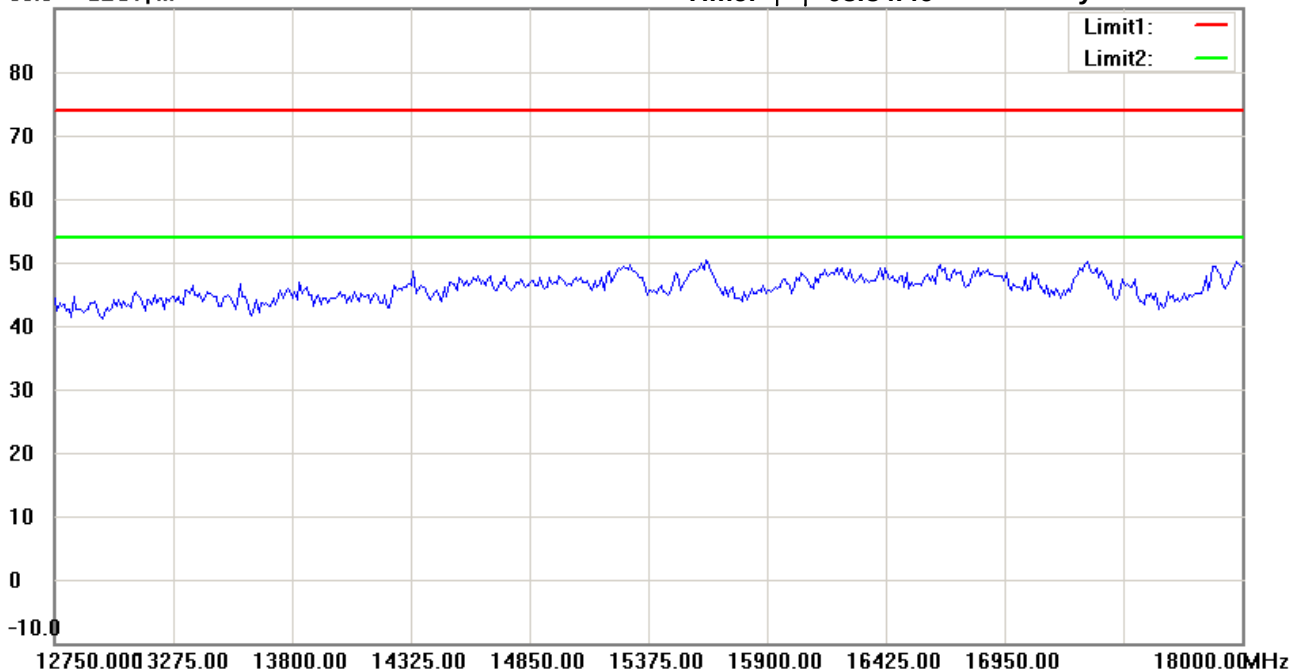
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:34:46

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Horizontal

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

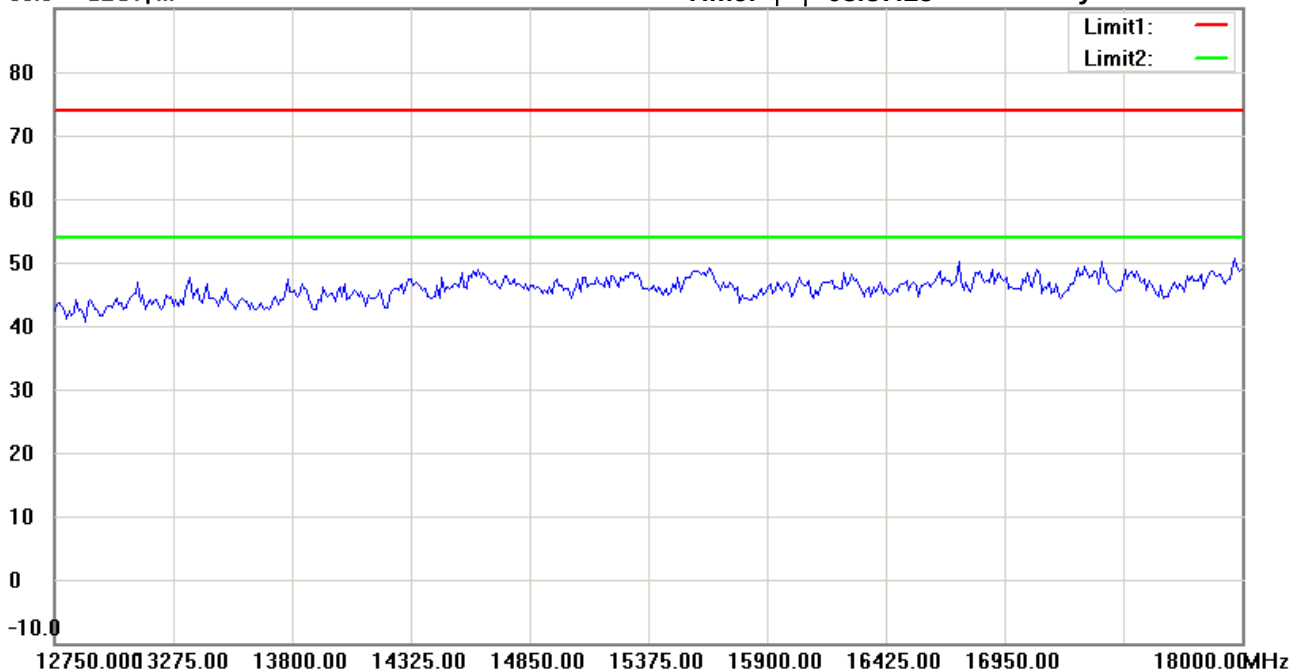
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:37:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#5

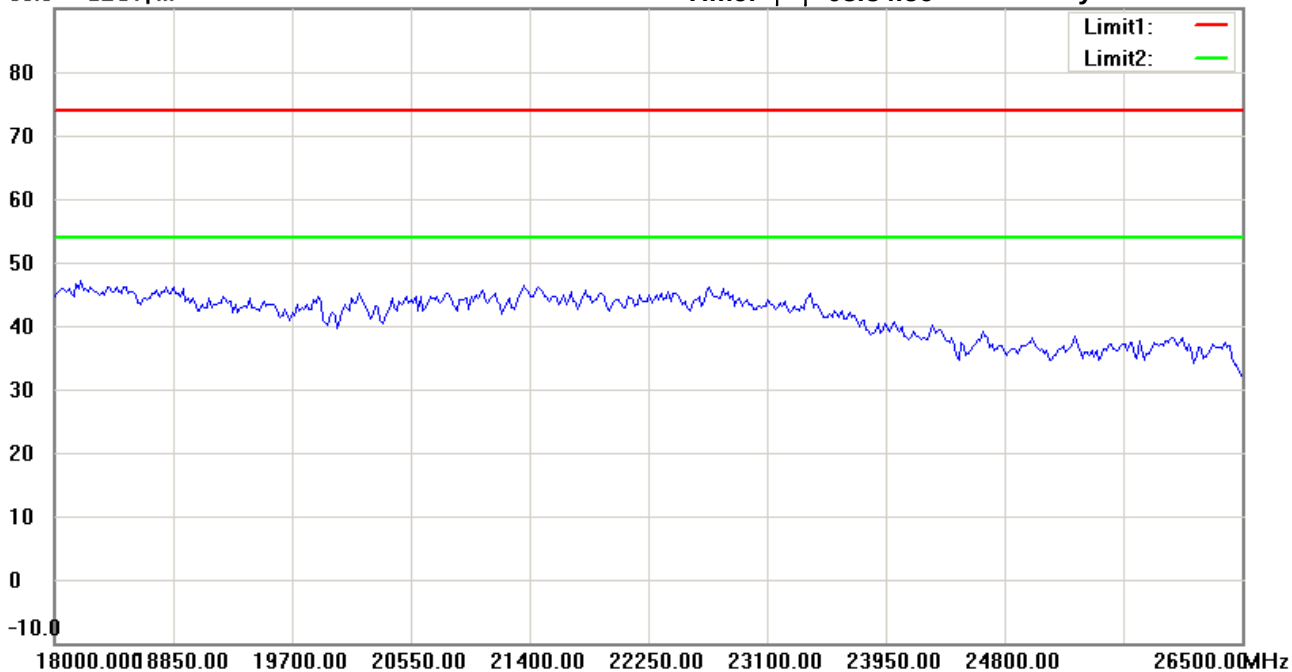
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:34:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#10

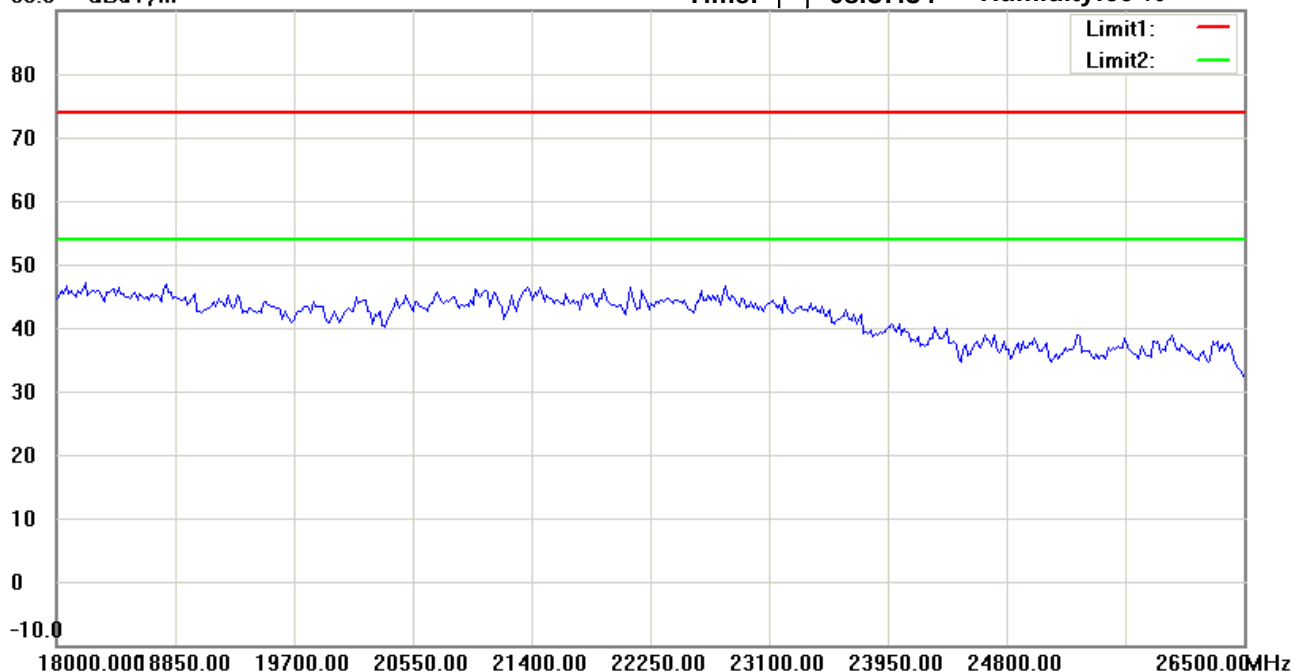
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:37:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Roy

File :1

Data :#1

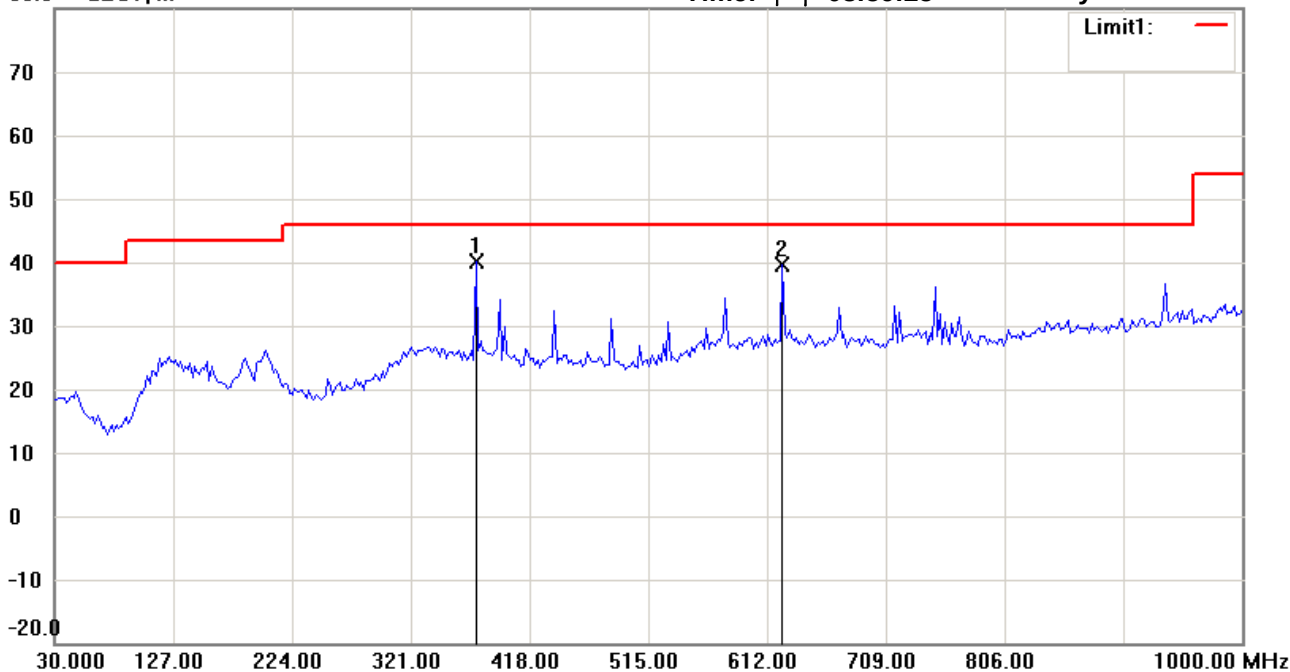
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 08:59:25

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	374.0681	44.25	peak	-4.14	40.11	46.00	100	100	-5.89	
	624.8297	39.85	peak	-0.12	39.73	46.00	100	215	-6.27	

*: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

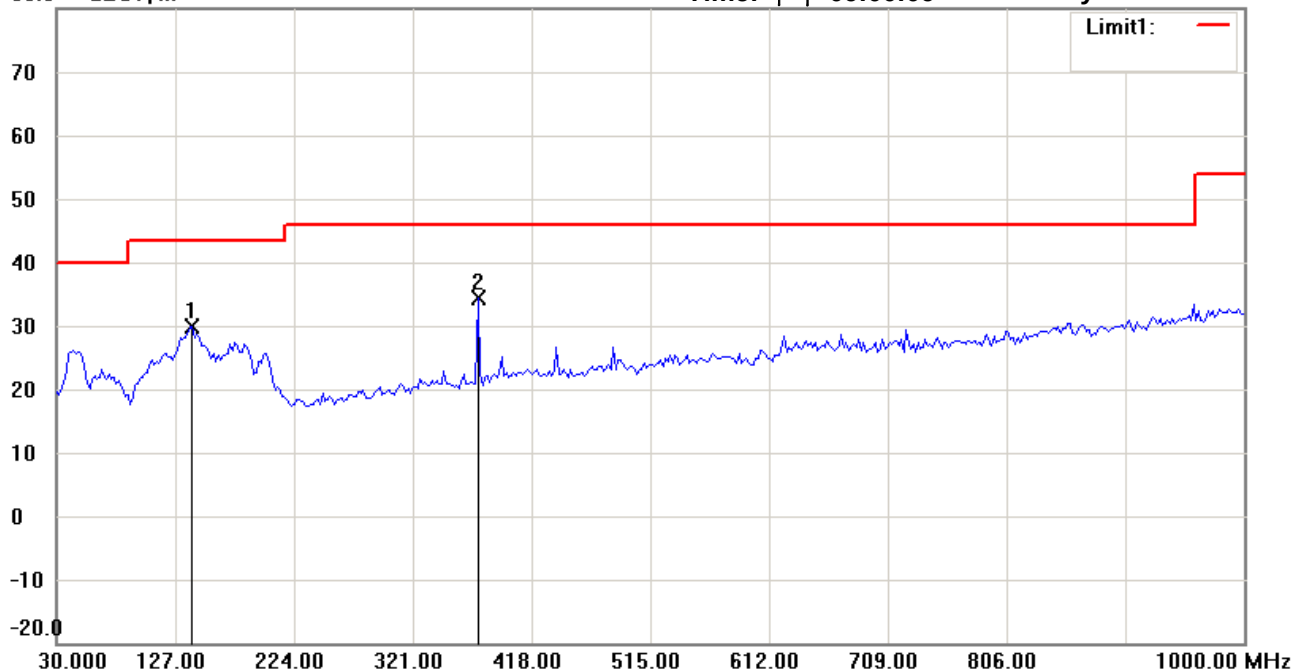
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:00:09

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	140.8015	36.63	peak	-6.78	29.85	43.50	100	80	-13.65	
*	374.0681	38.46	peak	-4.14	34.32	46.00	100	300	-11.68	

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



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

Operator: Roy

File :3

Data :#1

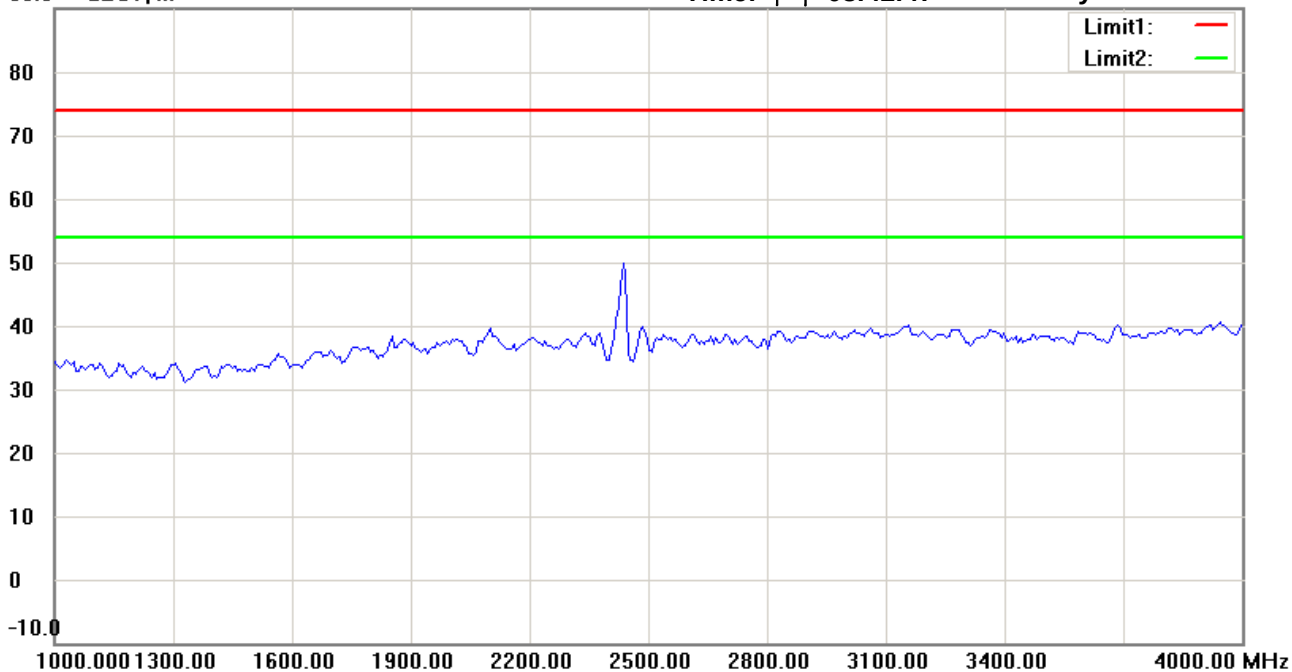
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:42:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	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

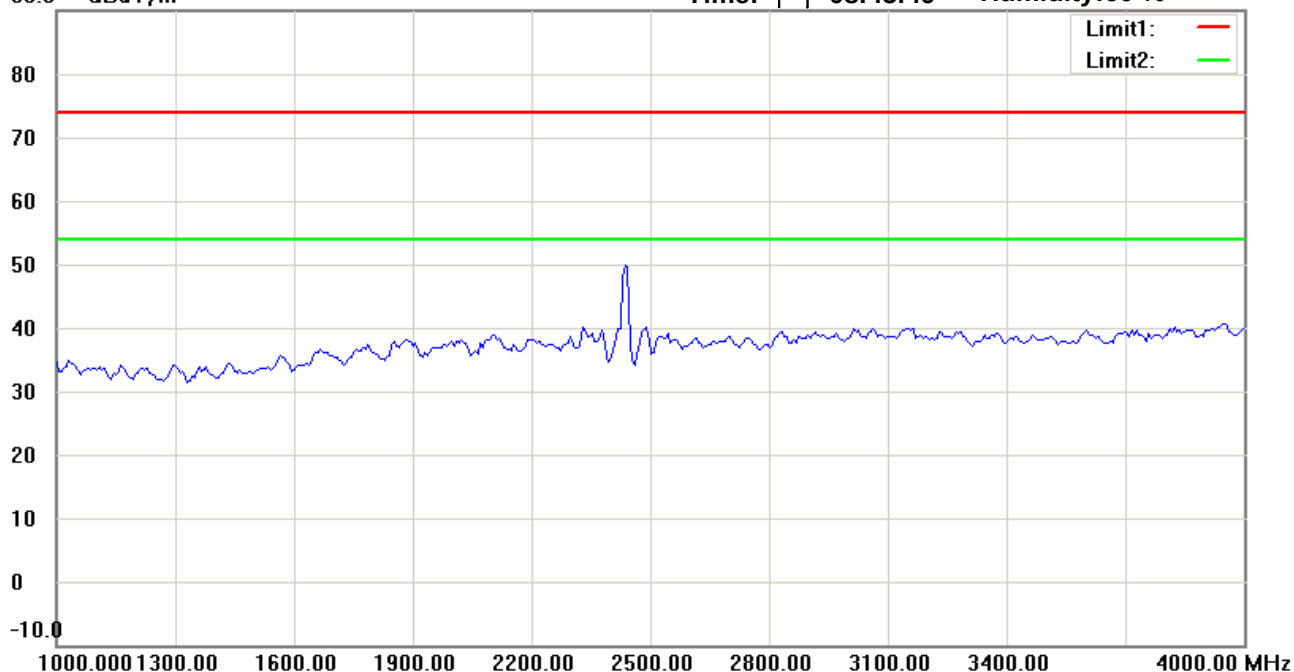
Date: 2016/7/6

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 08:45:49

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	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 :#2

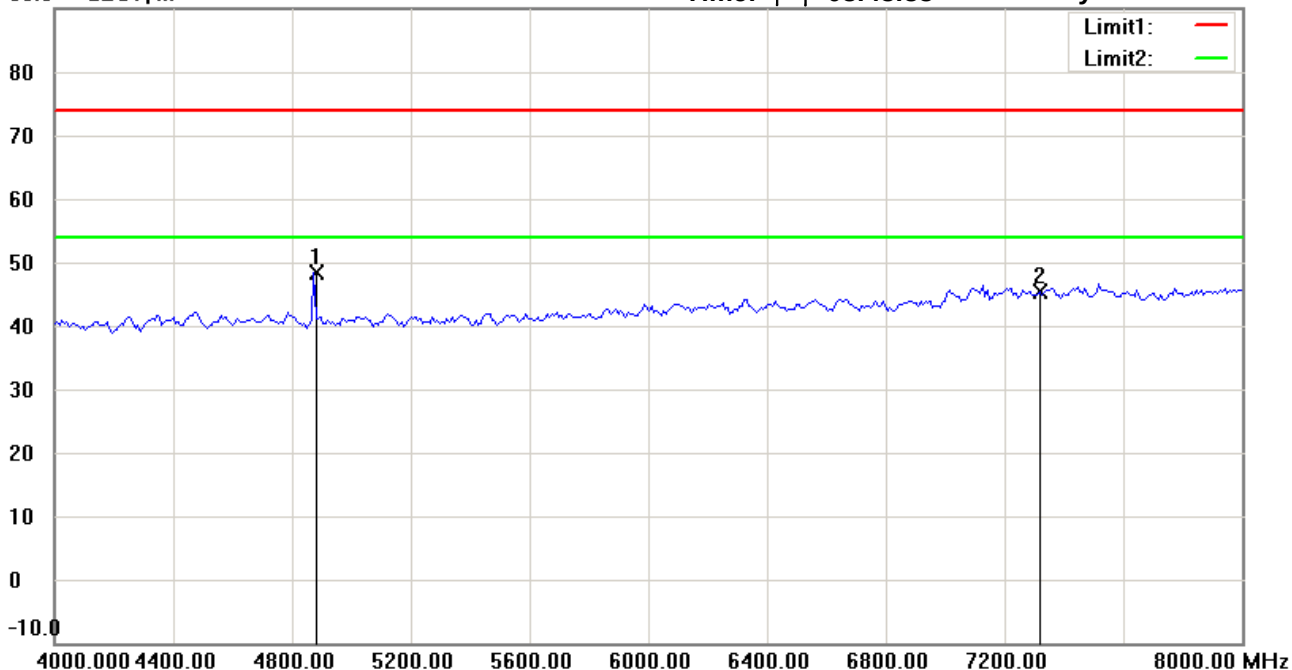
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:43:33

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	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	48.81	peak	-0.50	48.31	74.00	100	30	-25.69	
	7311.000	40.91	peak	4.43	45.34	74.00	100	105	-28.66	

*: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 :#7

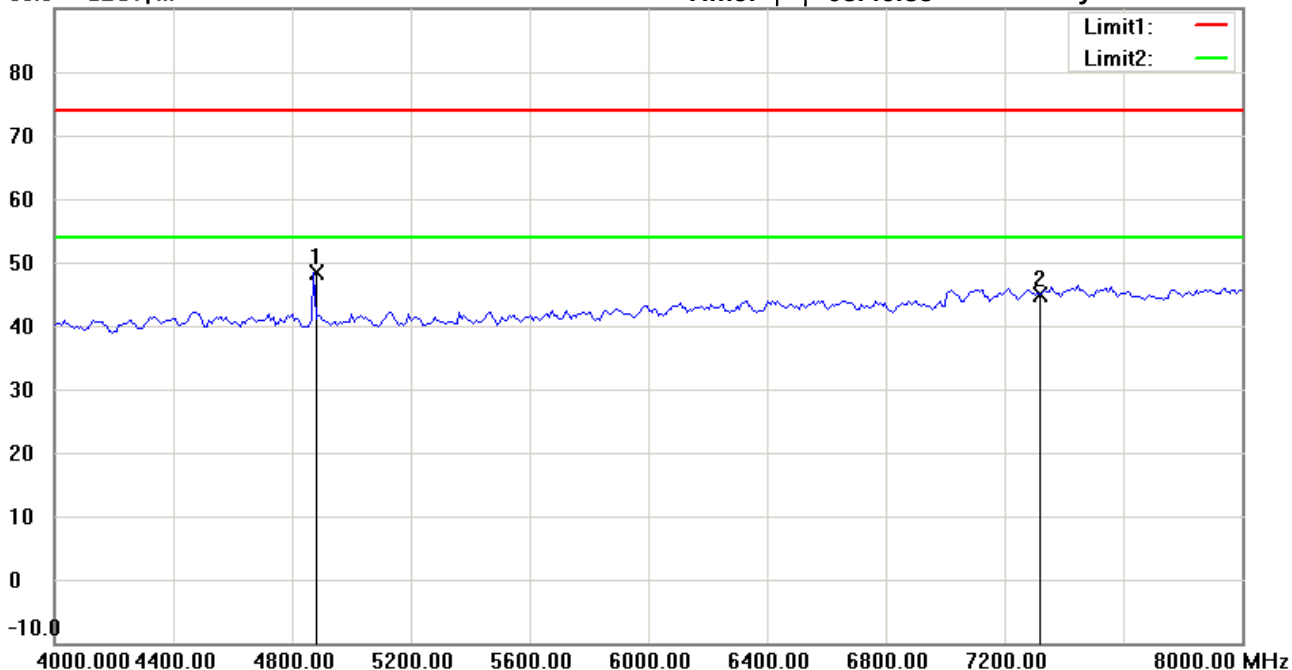
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:46:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	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	49.00	peak	-0.50	48.50	74.00	100	175	-25.50	
	7311.000	40.49	peak	4.43	44.92	74.00	100	300	-29.08	

*: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: Roy

File :3

Data :#3

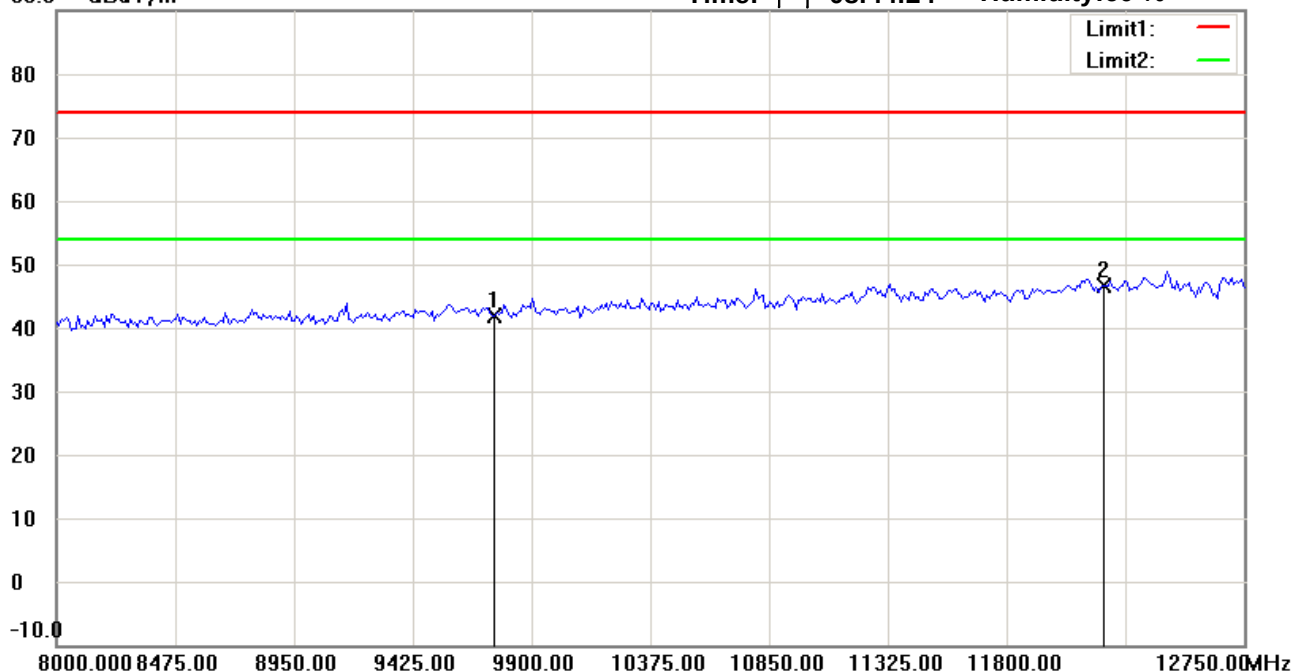
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:44:24

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.42	peak	7.49	41.91	74.00	100	240	-32.09	
*	12185.000	32.70	peak	13.82	46.52	74.00	100	225	-27.48	

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



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

Operator: Roy

File :3

Data :#8

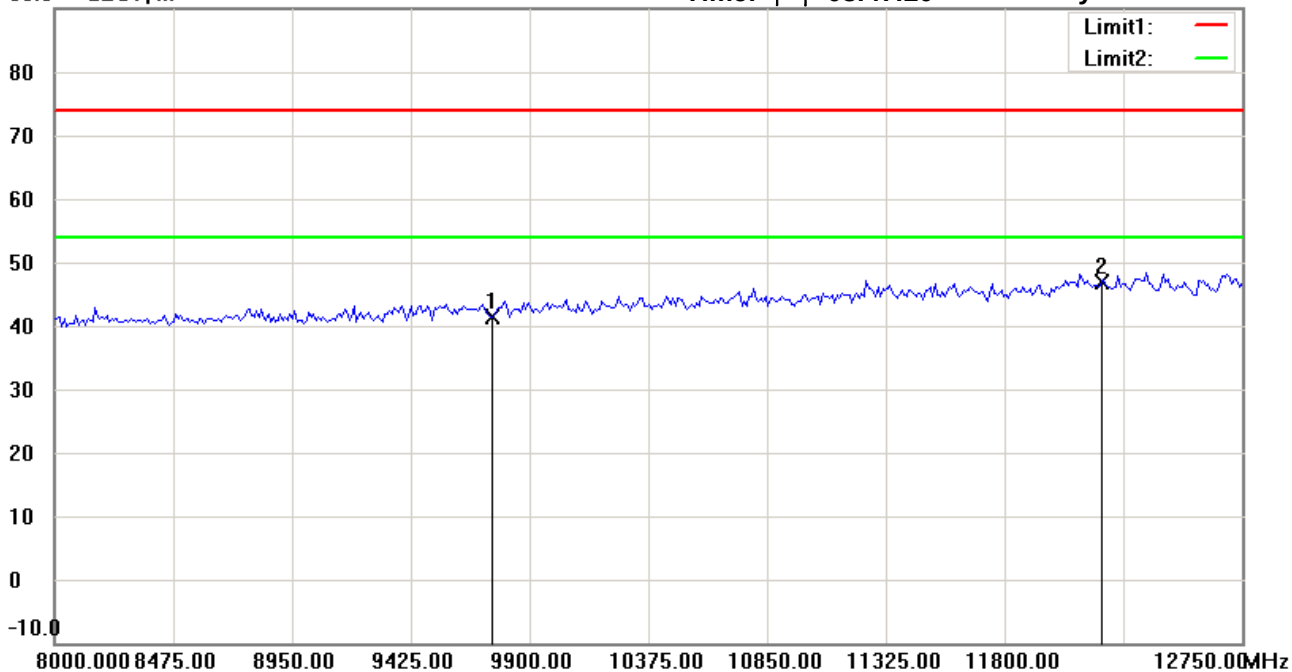
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:47:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	33.88	peak	7.49	41.37	74.00	100	295	-32.63	
*	12185.000	33.05	peak	13.82	46.87	74.00	100	220	-27.13	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

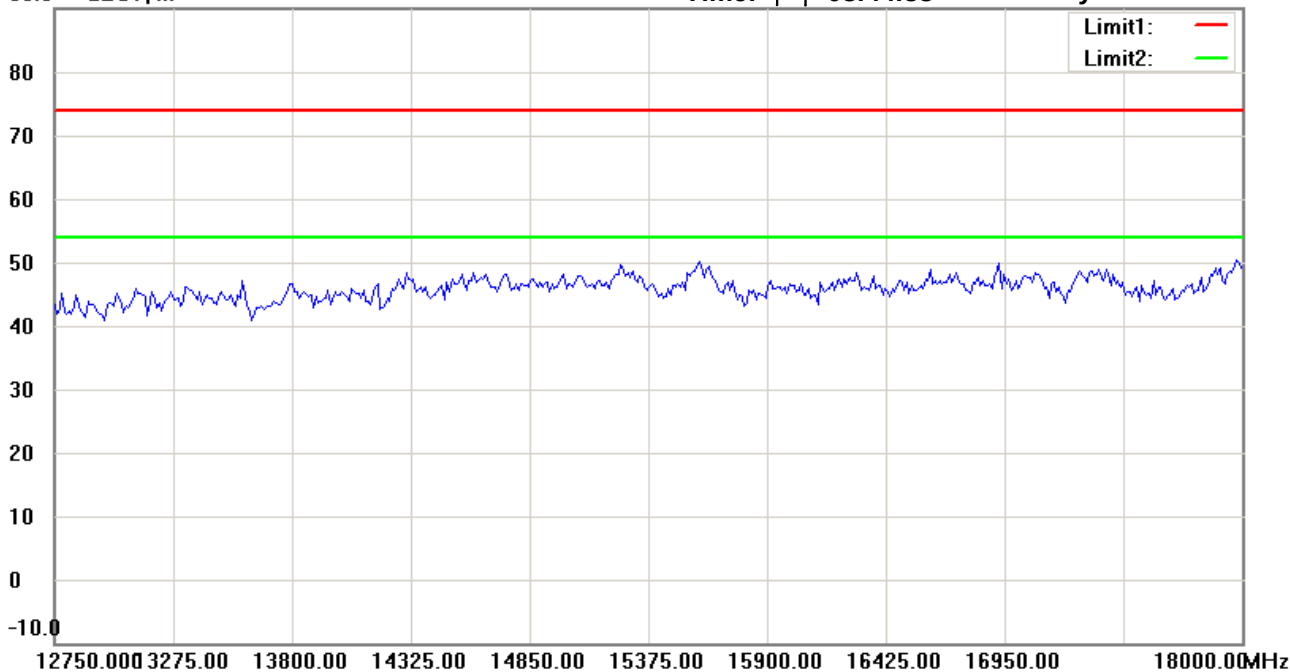
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:44:38

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Horizontal

Power : 120 V.a.c.

Distance: 3m

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



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Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #9

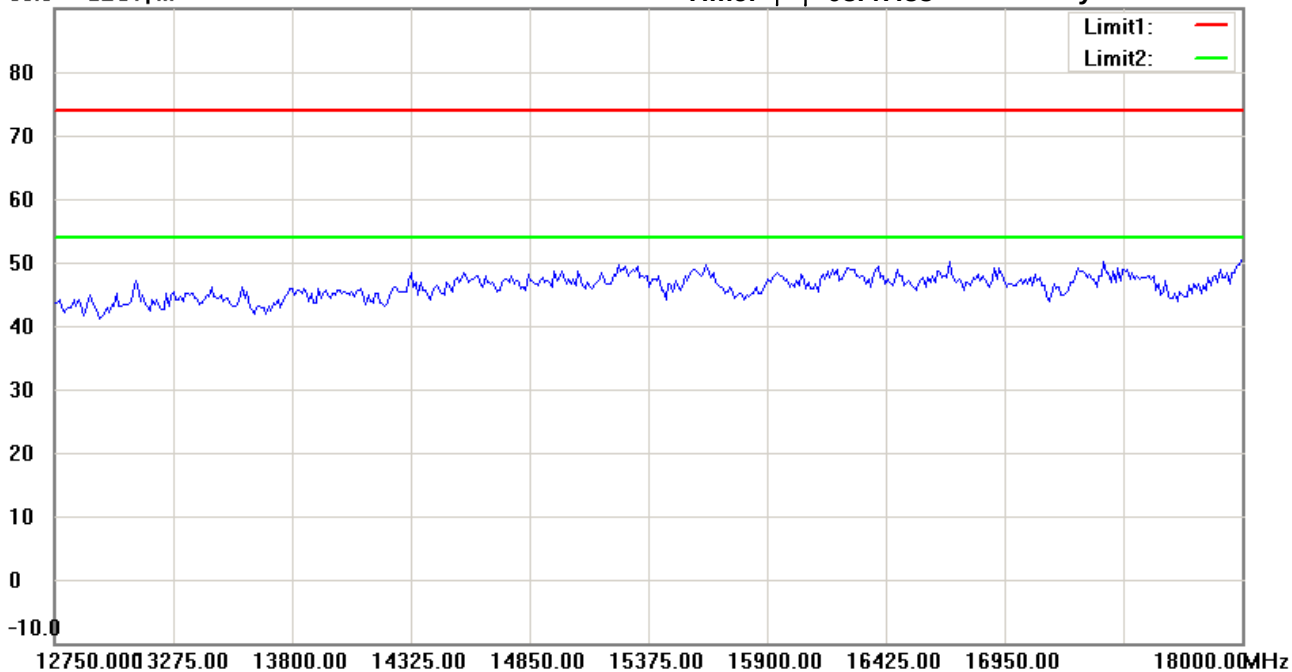
Date: 2016/7/6

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 08:47:33

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	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 :#5

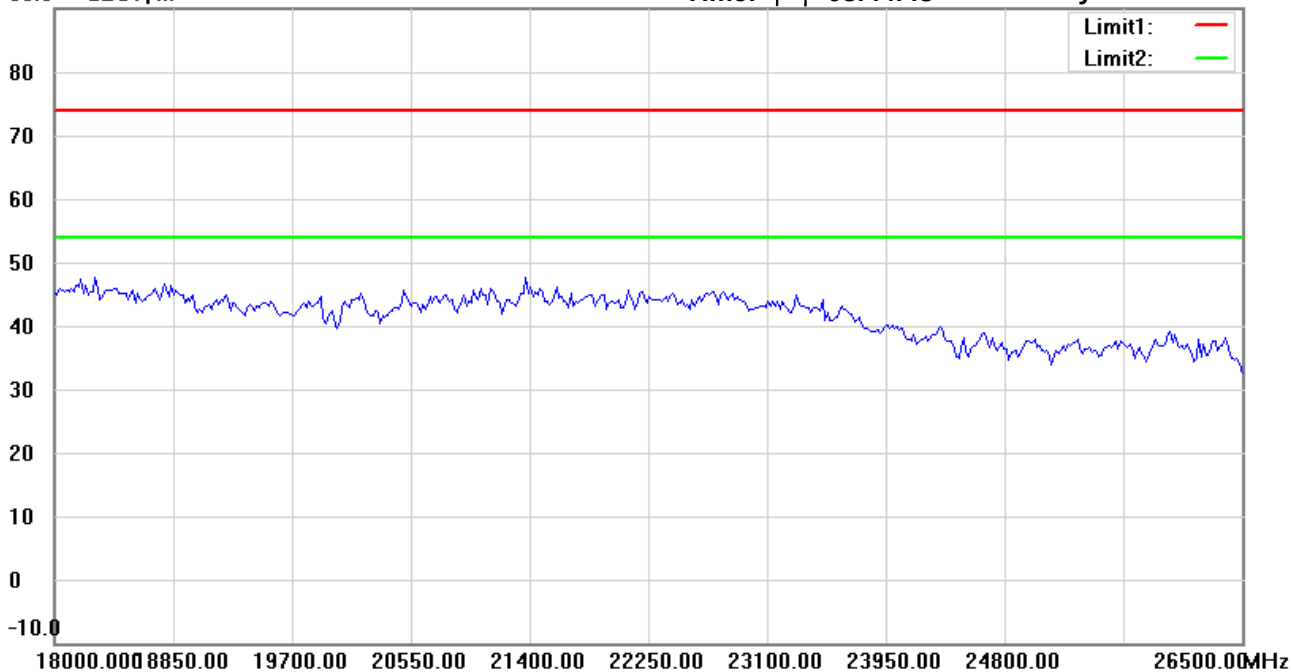
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:44:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #10

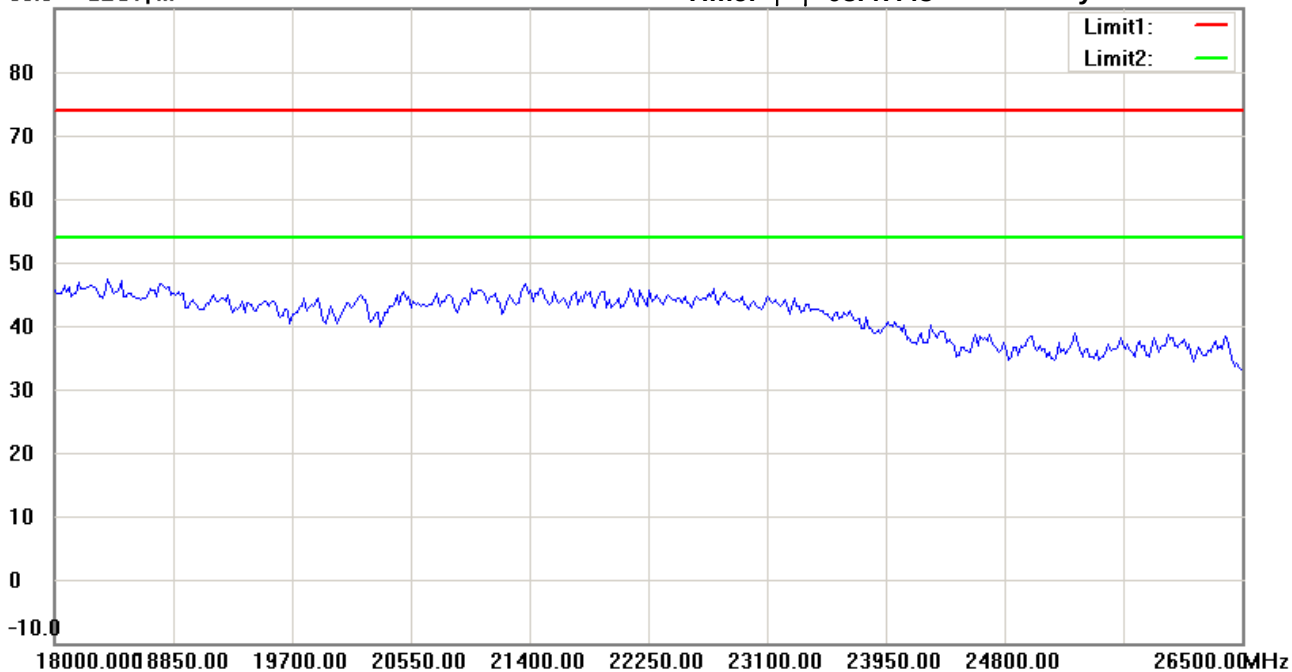
Date: 2016/7/6

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 08:47:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	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

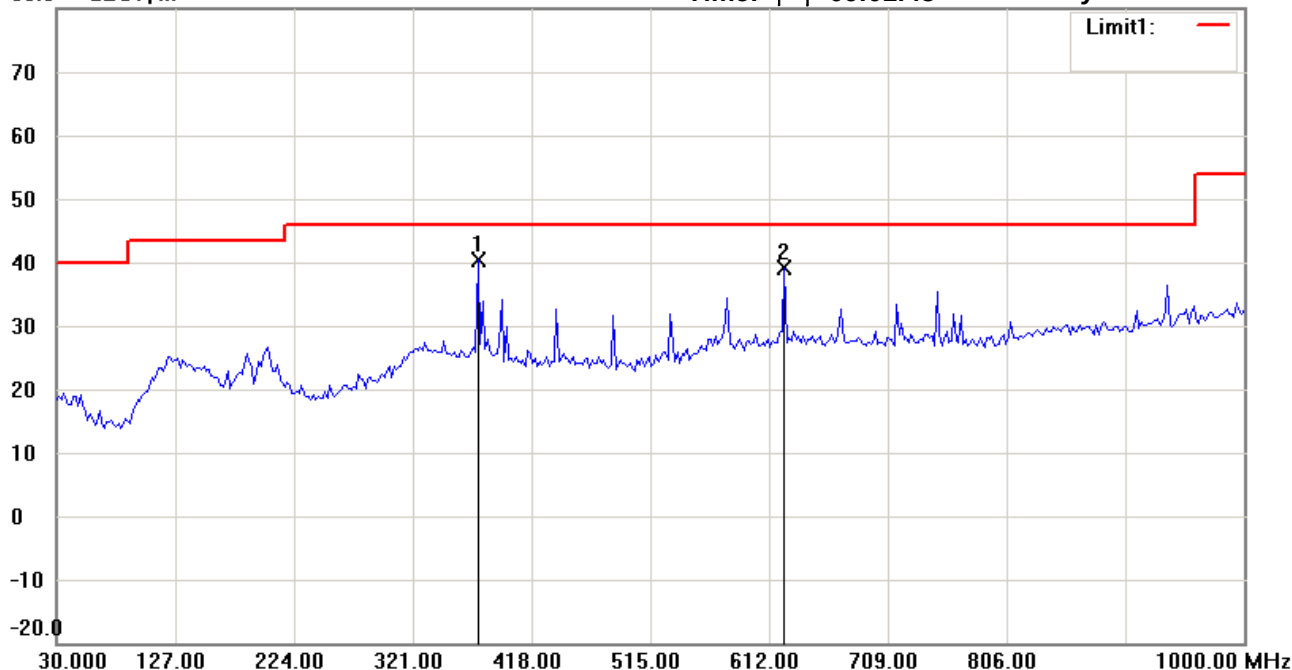
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:01:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	374.0681	44.59	peak	-4.14	40.45	46.00	100	195	-5.55	
	624.8297	39.30	peak	-0.12	39.18	46.00	100	100	-6.82	

*: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

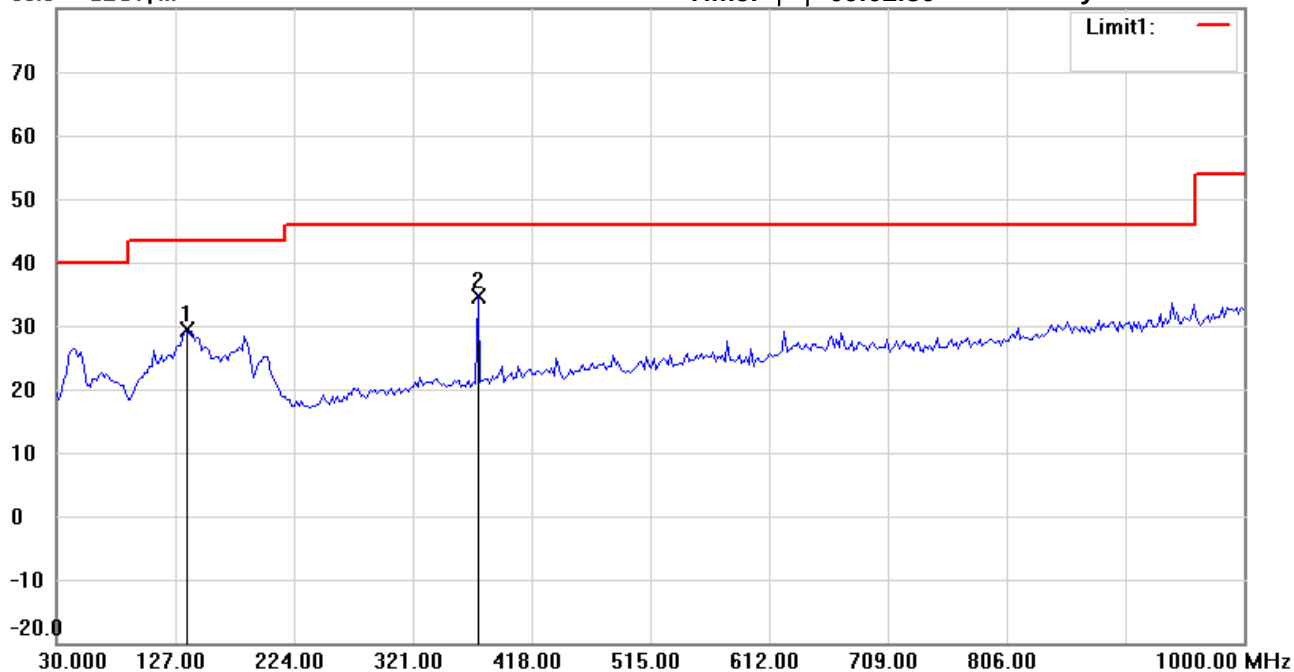
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:02:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	134.9700	35.69	peak	-6.43	29.26	43.50	100	220	-14.24	
*	374.0681	38.70	peak	-4.14	34.56	46.00	100	275	-11.44	

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



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

Operator: Roy

File :3

Data :#1

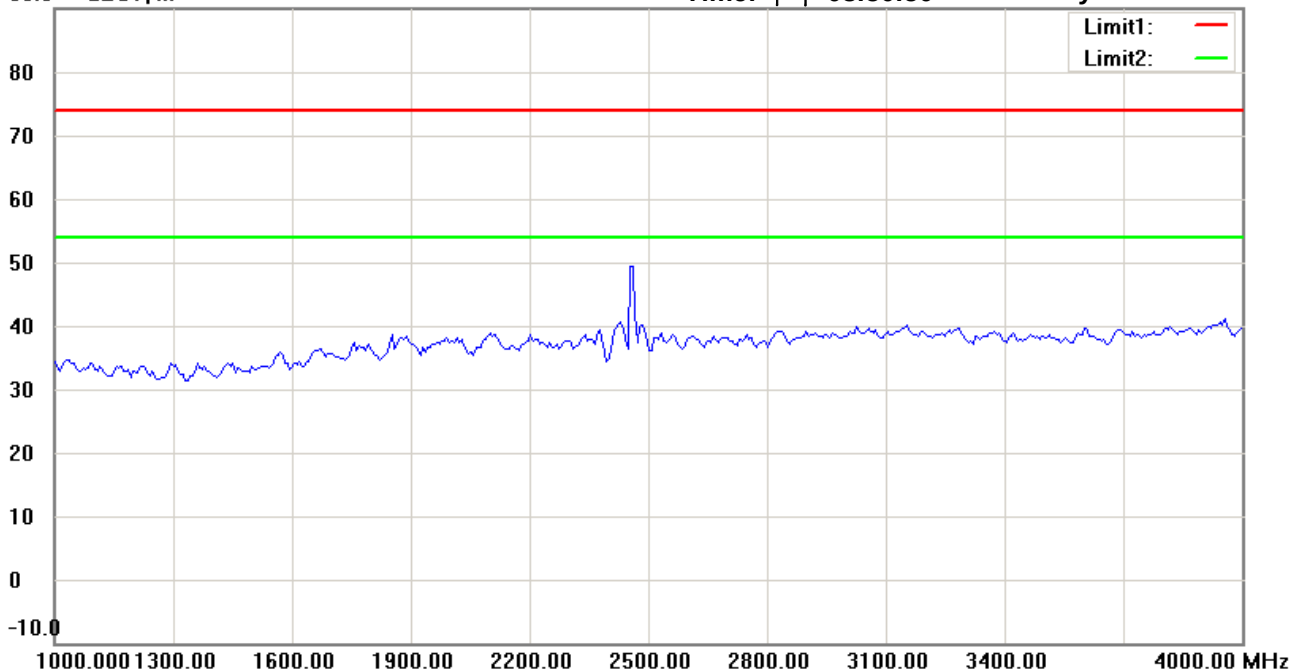
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:50:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#6

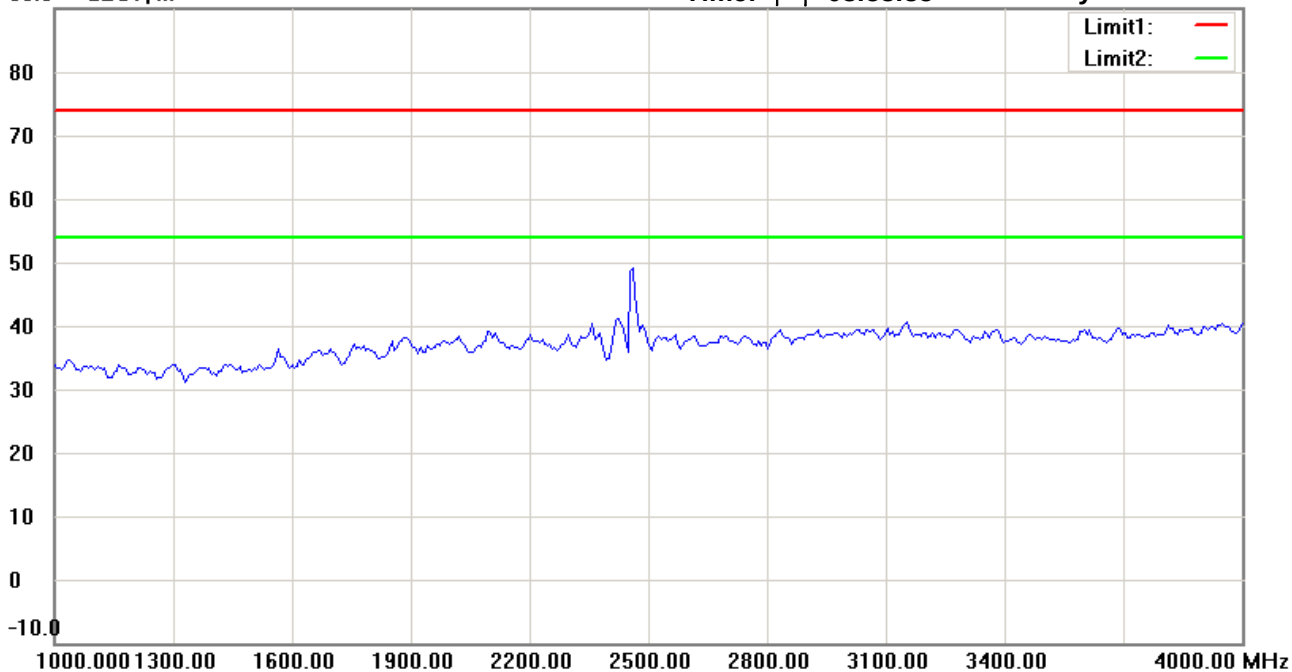
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:53:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#2

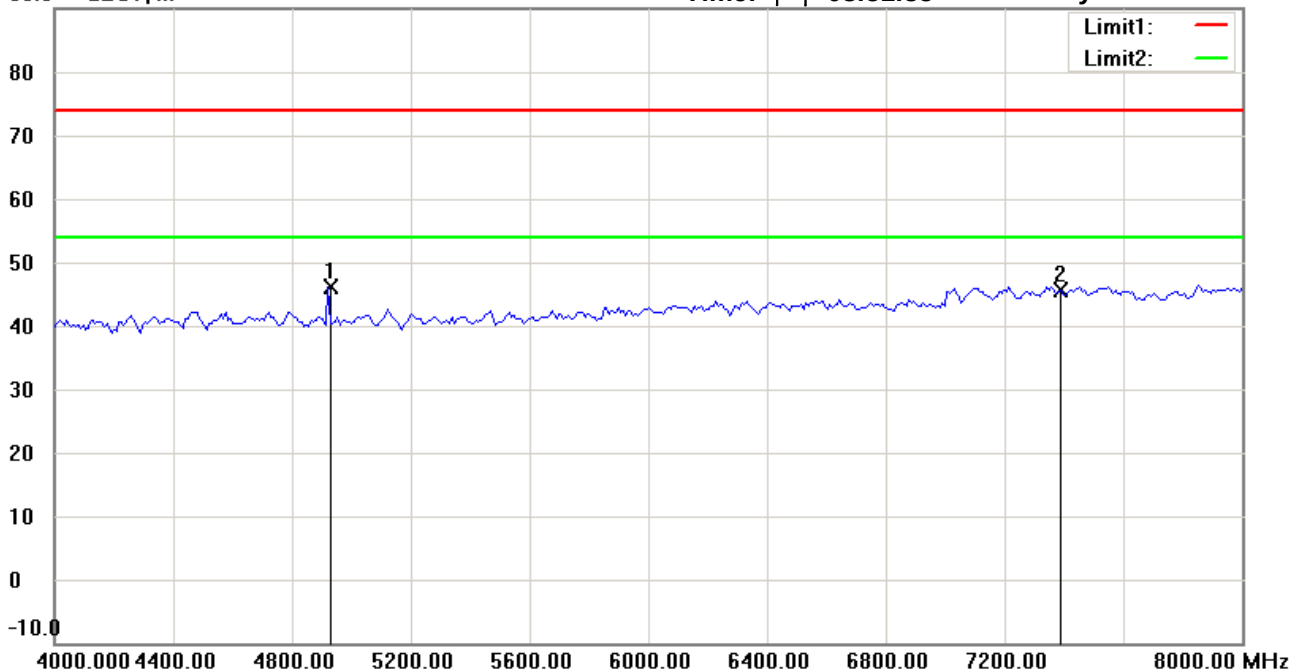
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:51:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	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	46.50	peak	-0.34	46.16	74.00	100	70	-27.84	
	7386.000	40.60	peak	4.93	45.53	74.00	100	200	-28.47	

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



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

Operator: Roy

File :3

Data :#7

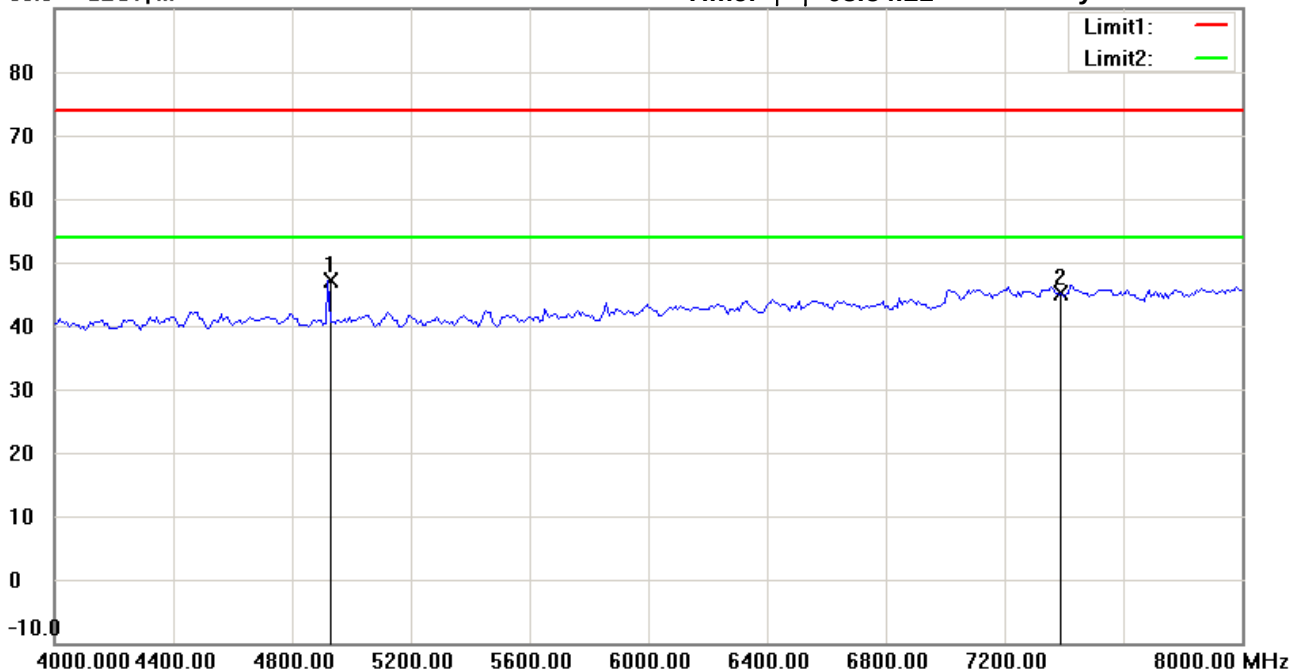
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:54:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	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	47.42	peak	-0.34	47.08	74.00	100	95	-26.92	
	7386.000	40.17	peak	4.93	45.10	74.00	100	215	-28.90	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

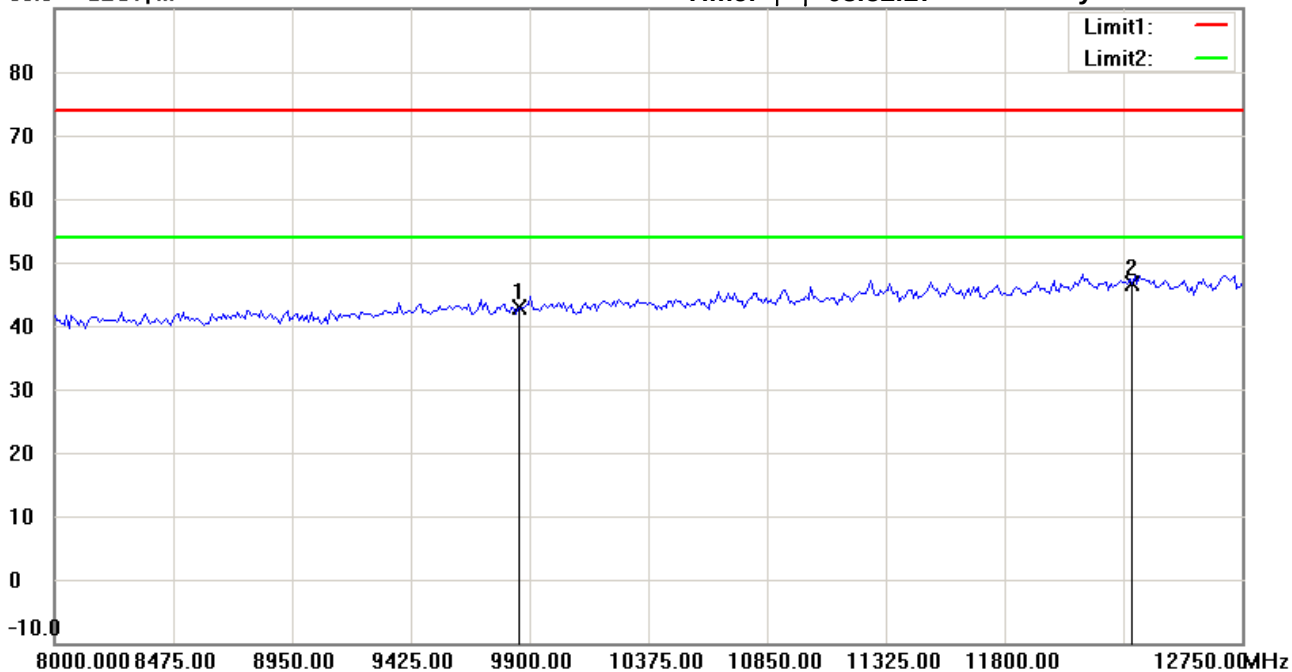
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:52:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.08	peak	7.68	42.76	74.00	100	250	-31.24	
*	12310.000	33.48	peak	13.25	46.73	74.00	100	115	-27.27	

*: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

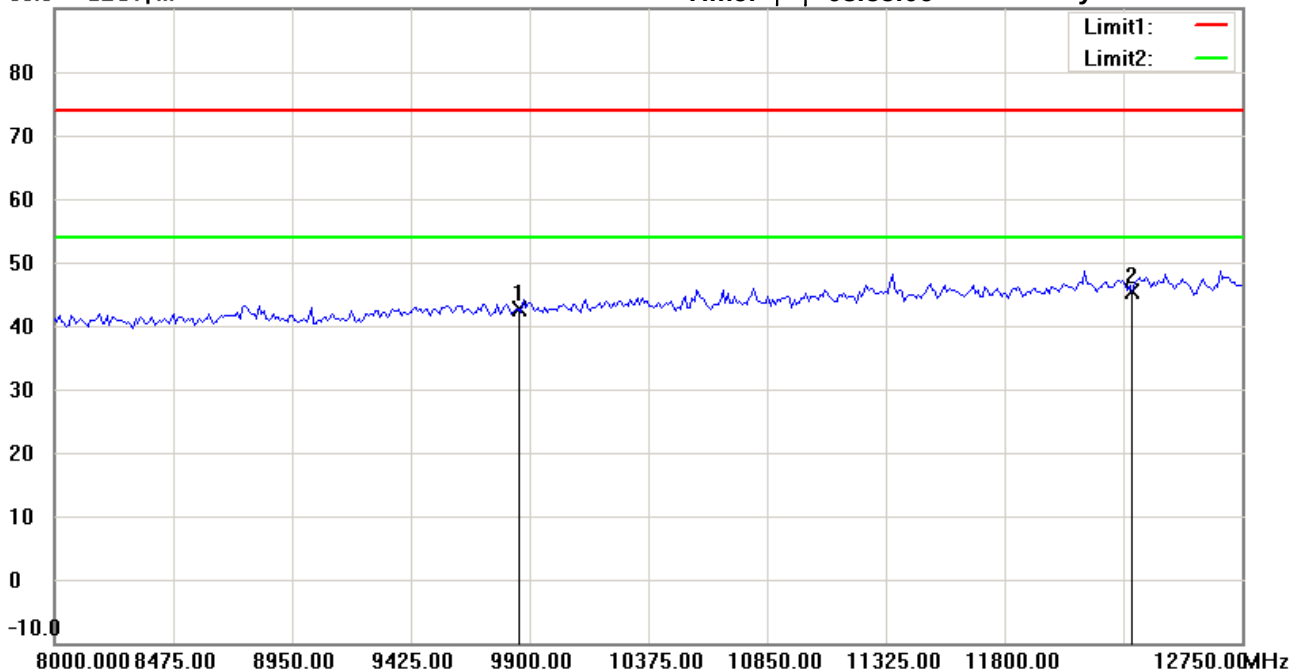
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:55:06

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	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	35.01	peak	7.68	42.69	74.00	100	265	-31.31	
*	12310.000	32.18	peak	13.25	45.43	74.00	100	230	-28.57	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

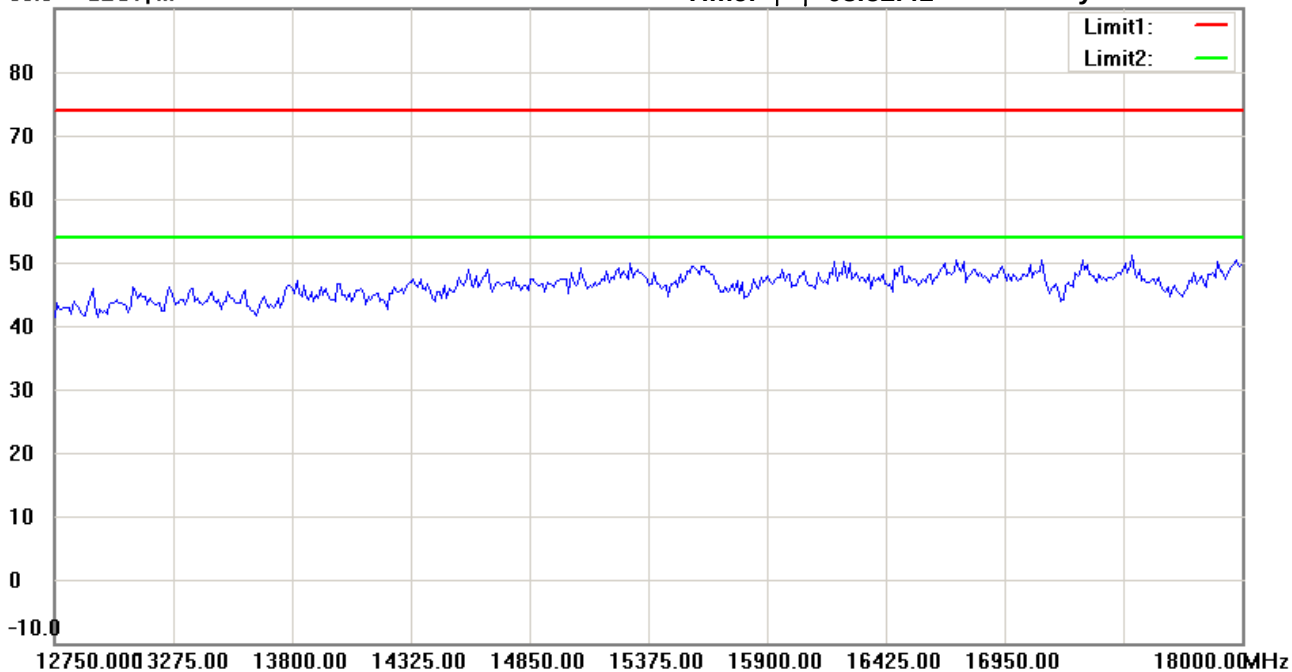
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:52:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Horizontal

Power : 120 V.a.c.

Distance: 3m

Mk.	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

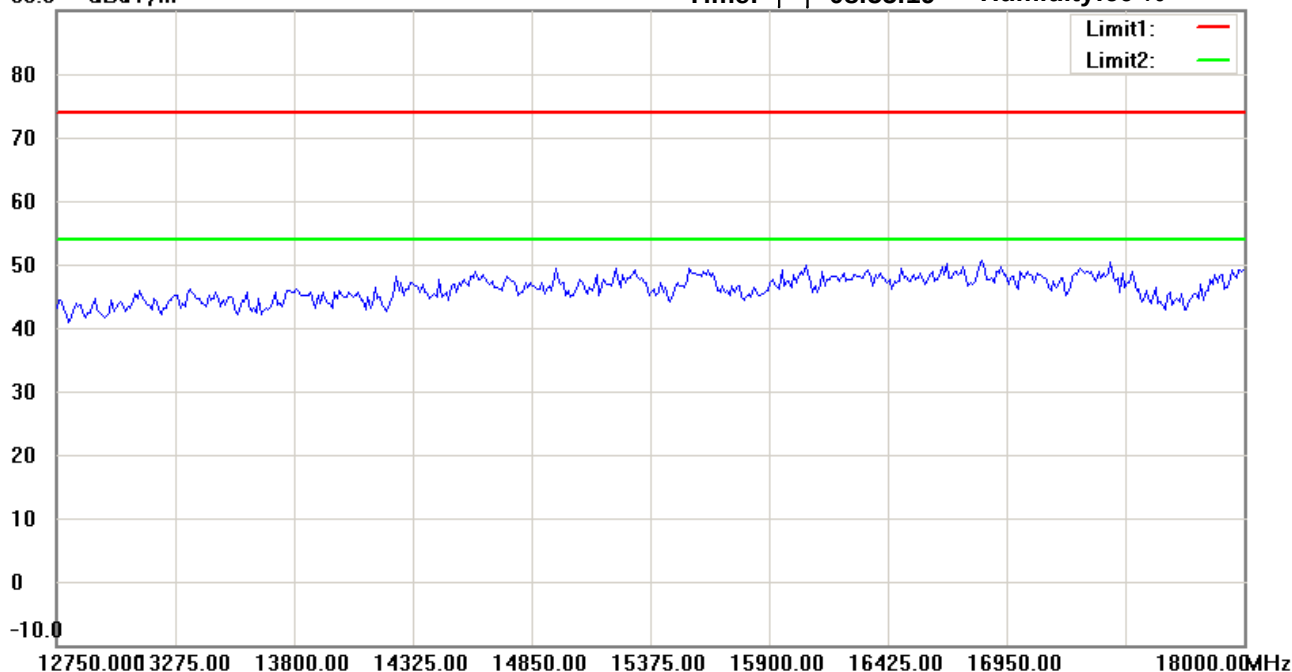
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:55:19

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

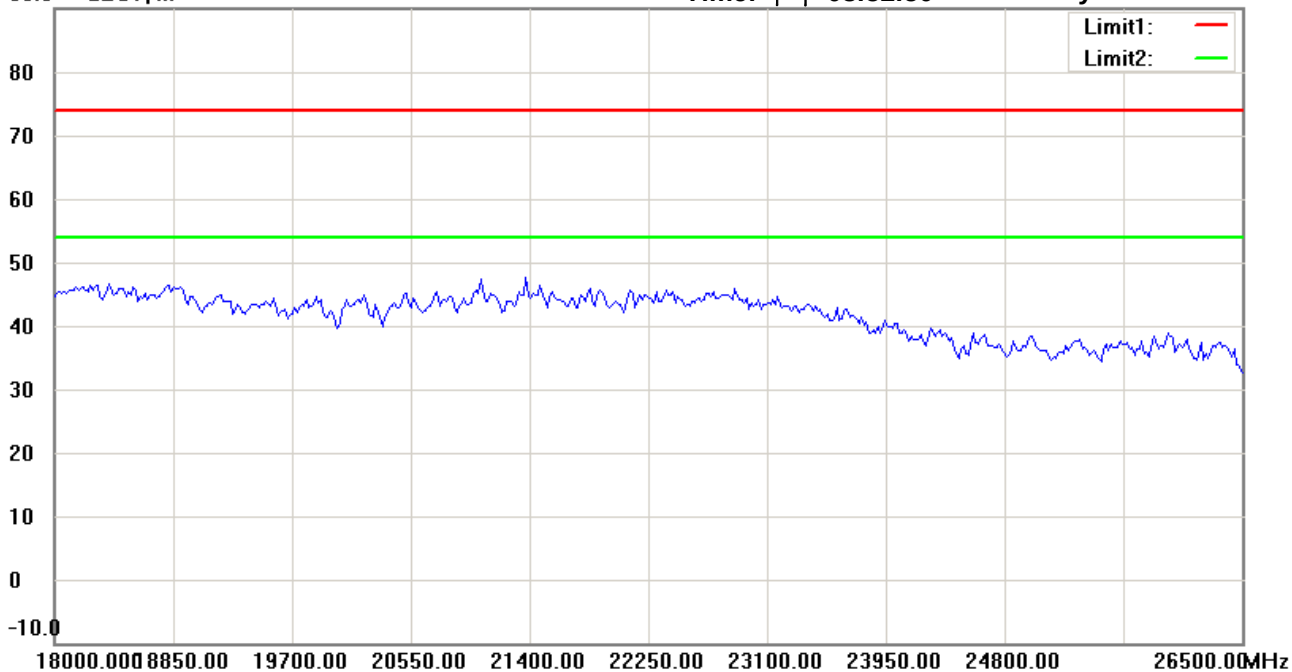
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:52:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#10

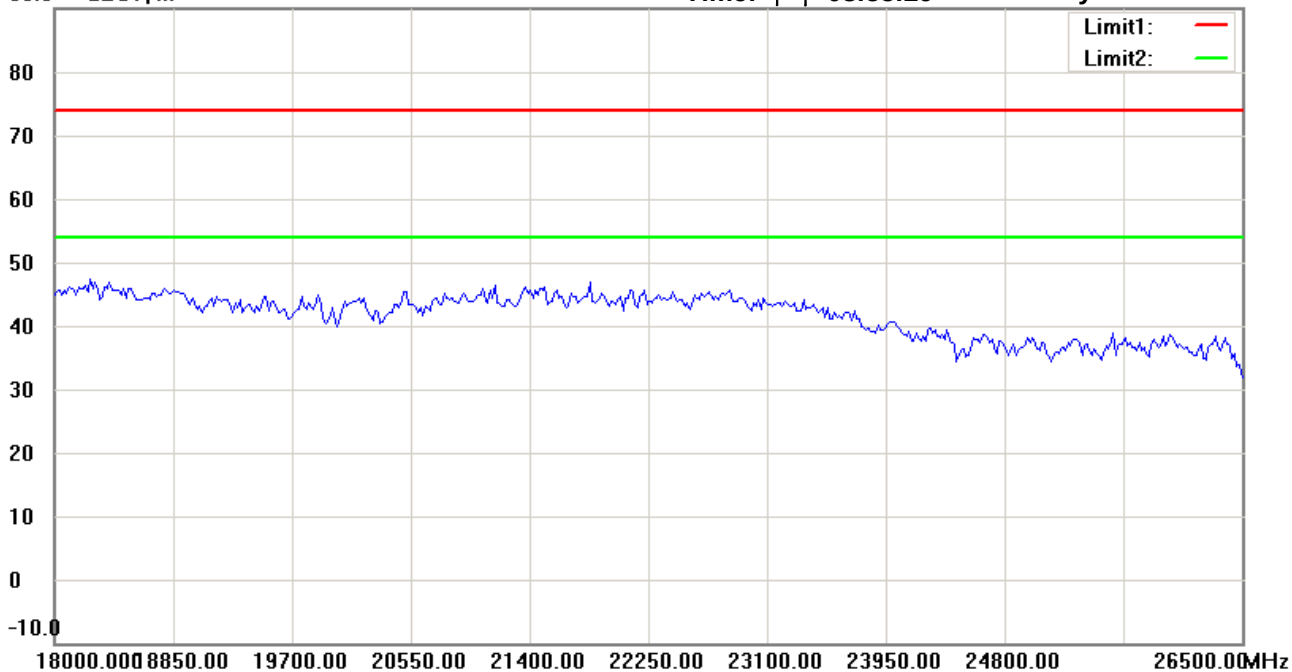
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:55:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	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

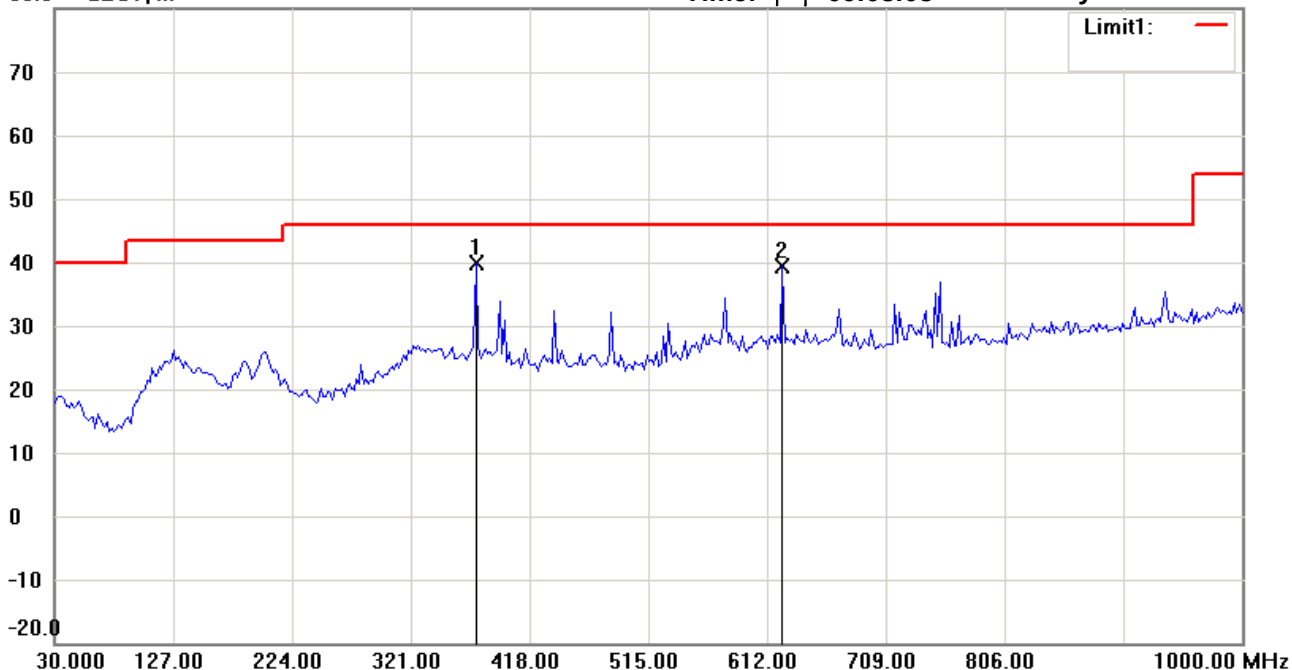
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:08:03

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	374.0681	43.92	peak	-4.14	39.78	46.00	100	40	-6.22	
	624.8297	39.59	peak	-0.12	39.47	46.00	100	170	-6.53	

*: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 :1

Data :#2

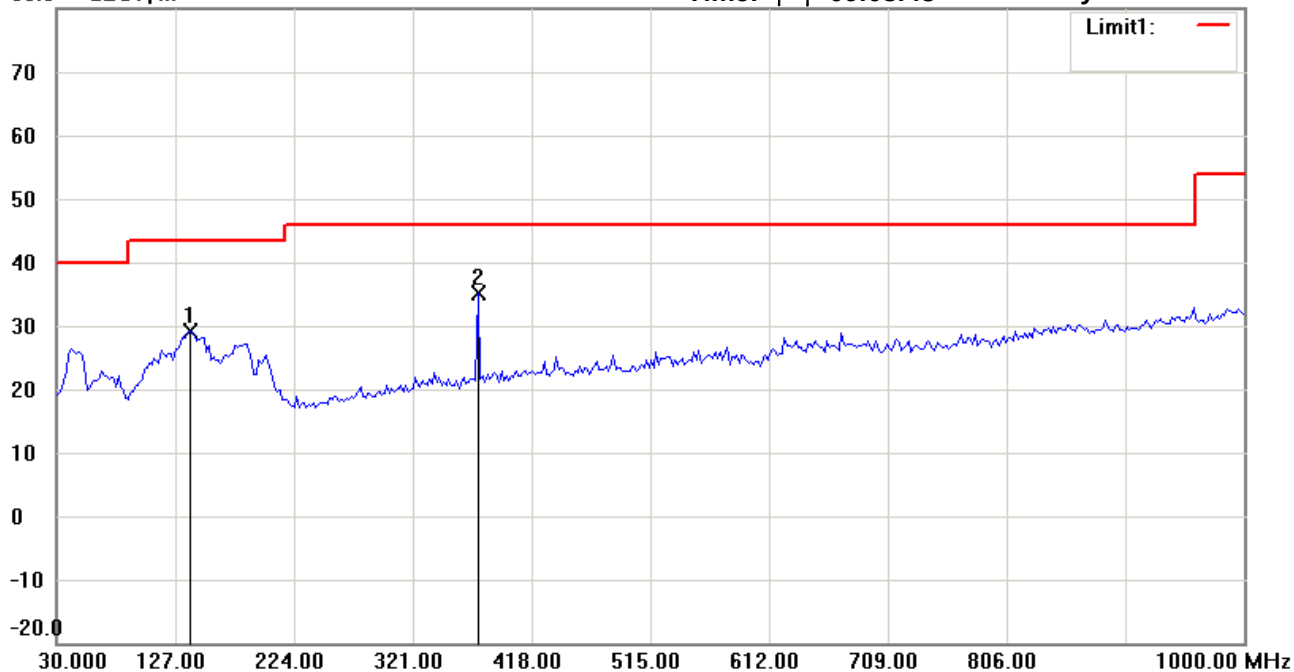
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:08:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	138.8577	35.87	peak	-6.65	29.22	43.50	100	65	-14.28	
*	374.0681	39.15	peak	-4.14	35.01	46.00	100	230	-10.99	

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



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

Operator: Roy

File : 3

Data : #1

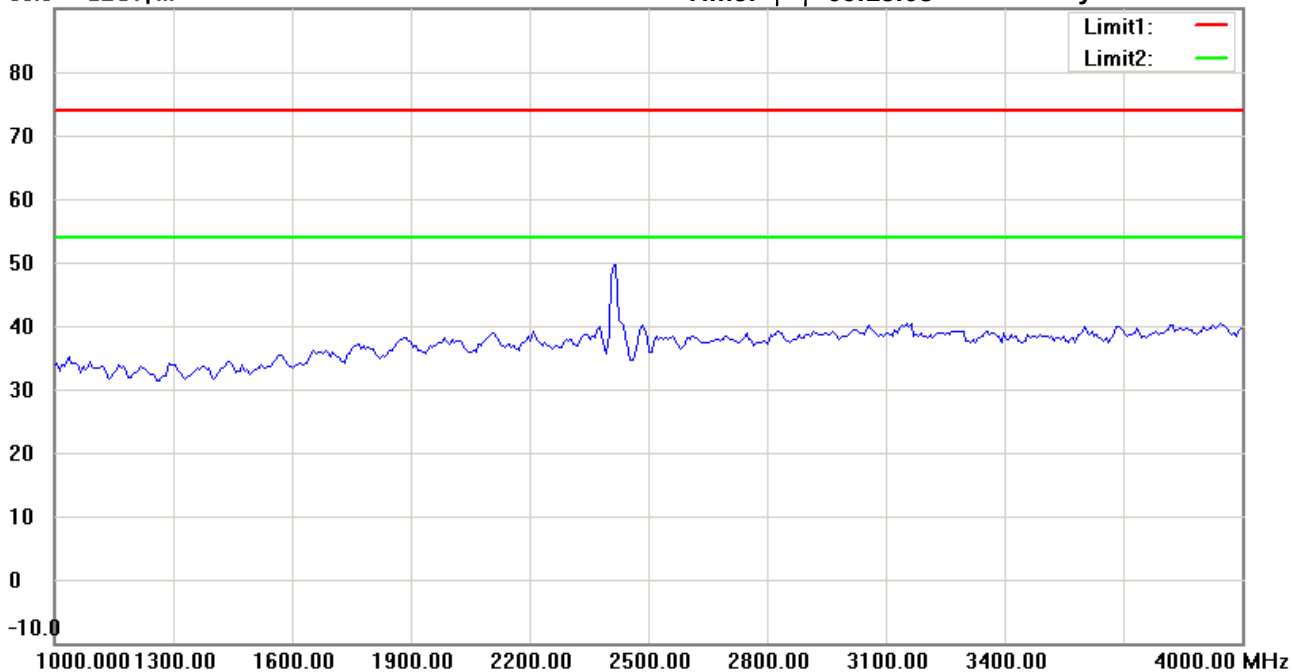
Date: 2016/7/6

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 09:15:05

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	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

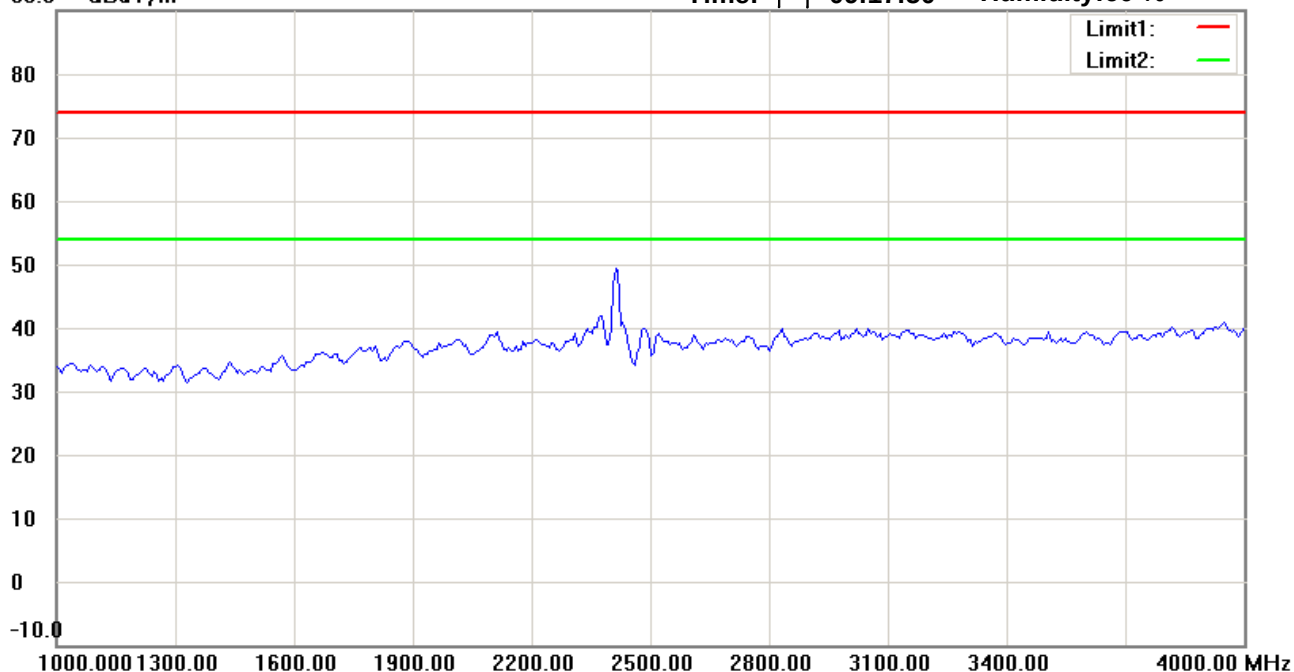
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:17:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Roy

File : 3

Data : #2

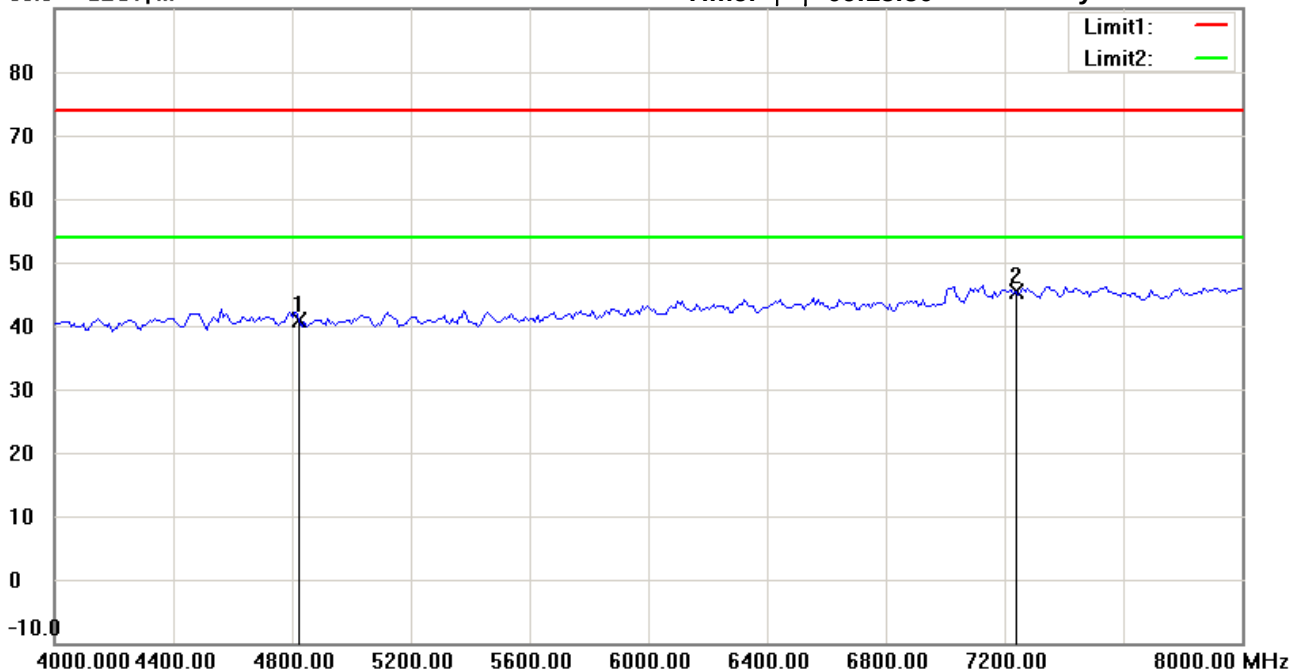
Date: 2016/7/6

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 09:15:50

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	41.49	peak	-0.57	40.92	74.00	100	80	-33.08	
*	7236.000	41.16	peak	4.29	45.45	74.00	100	245	-28.55	

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



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

Operator: Roy

File :3

Data :#7

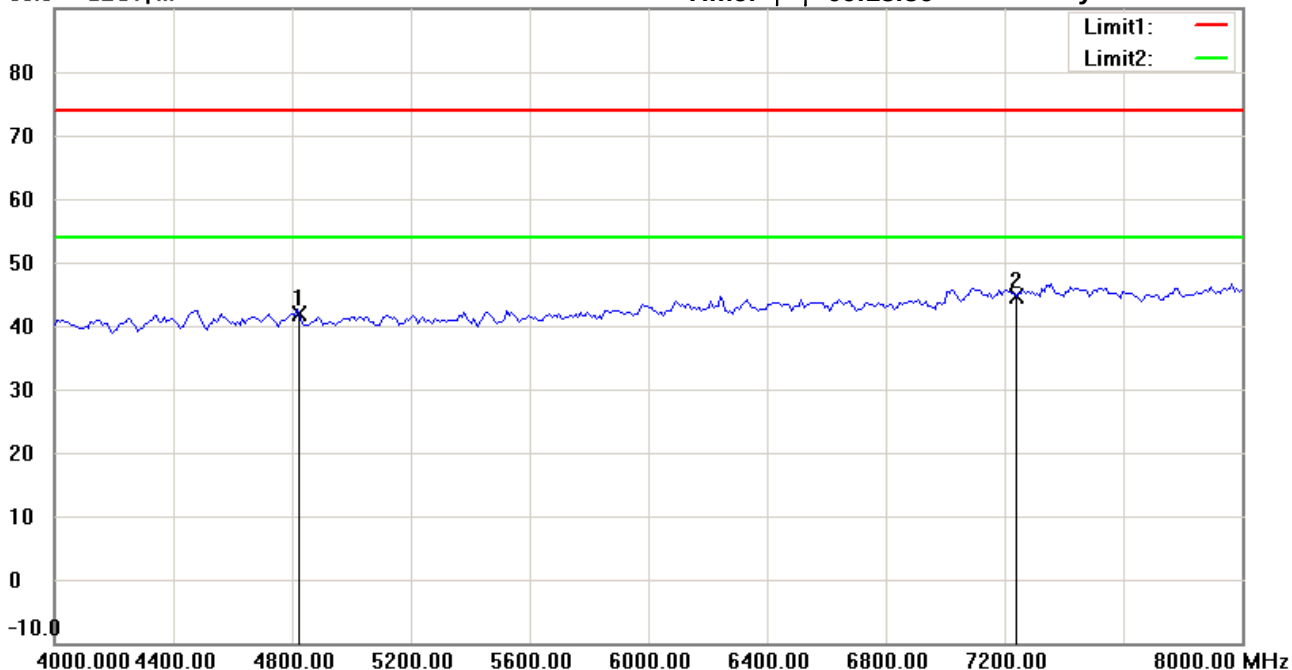
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:18:36

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	42.35	peak	-0.57	41.78	74.00	100	140	-32.22	
*	7236.000	40.35	peak	4.29	44.64	74.00	100	35	-29.36	

*: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

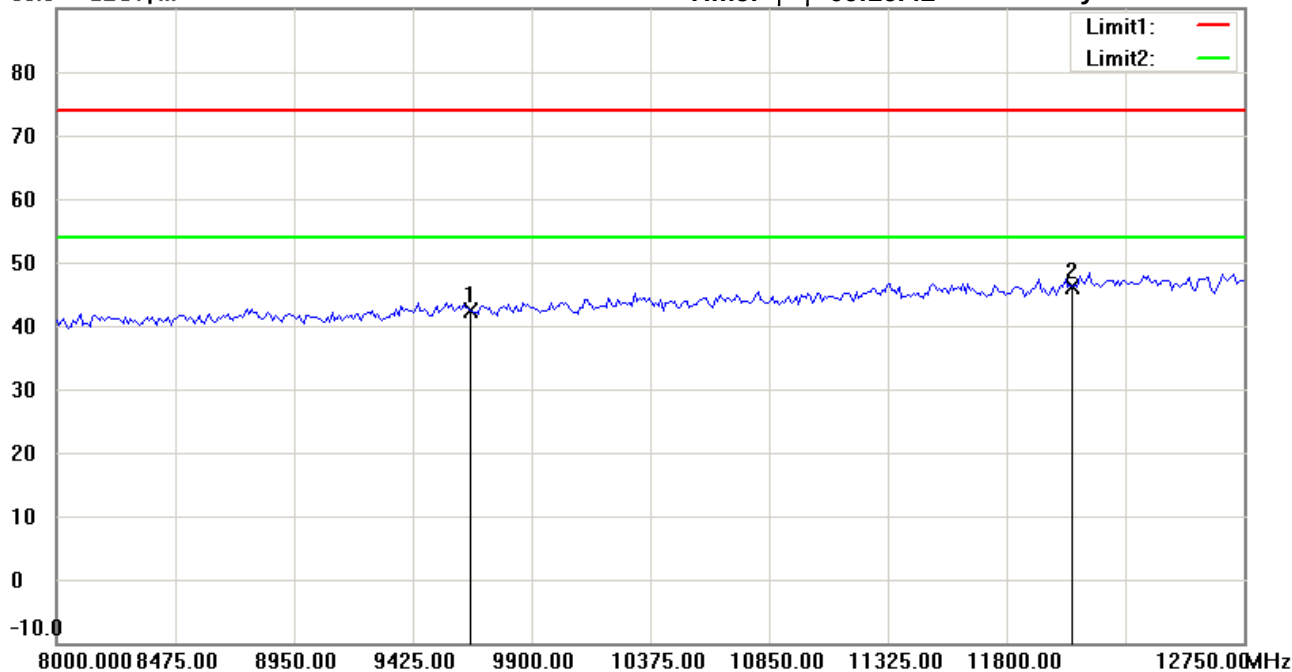
Date: 2016/7/6

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 09:16:42

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	34.97	peak	7.51	42.48	74.00	100	160	-31.52	
*	12060.000	32.98	peak	13.18	46.16	74.00	100	315	-27.84	

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



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

Operator: Roy

File :3

Data :#8

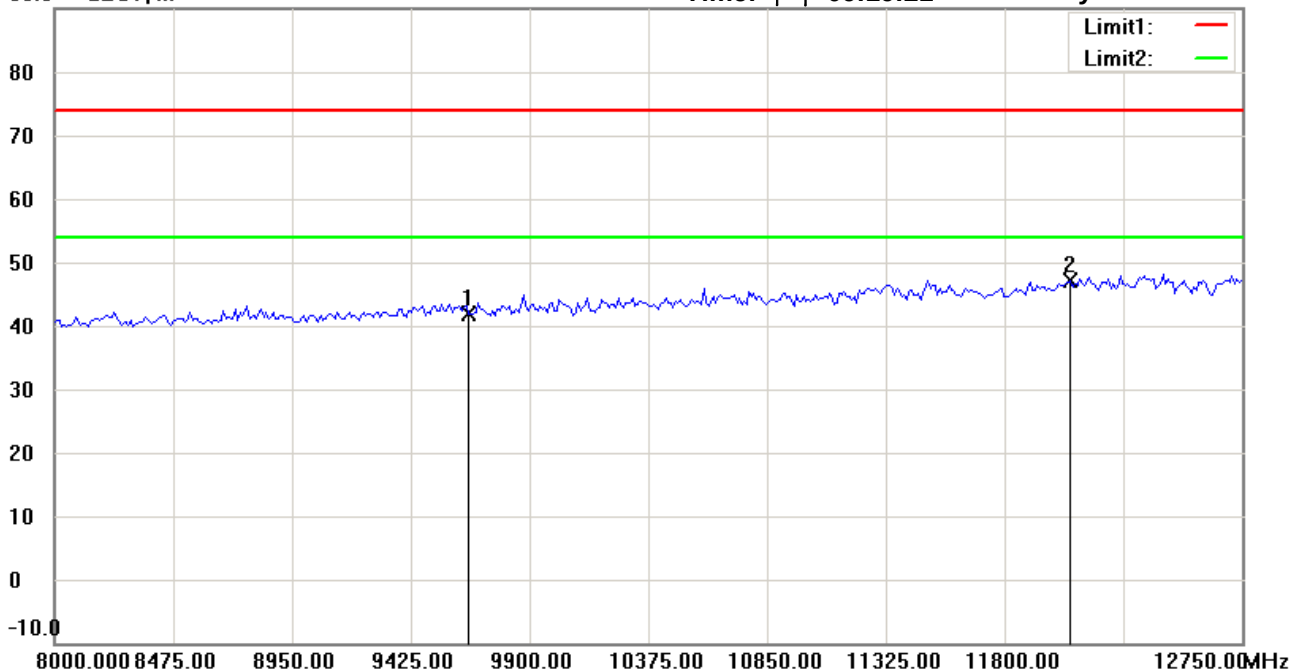
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:19:21

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	34.27	peak	7.51	41.78	74.00	100	225	-32.22	
*	12060.000	33.95	peak	13.18	47.13	74.00	100	90	-26.87	

*: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

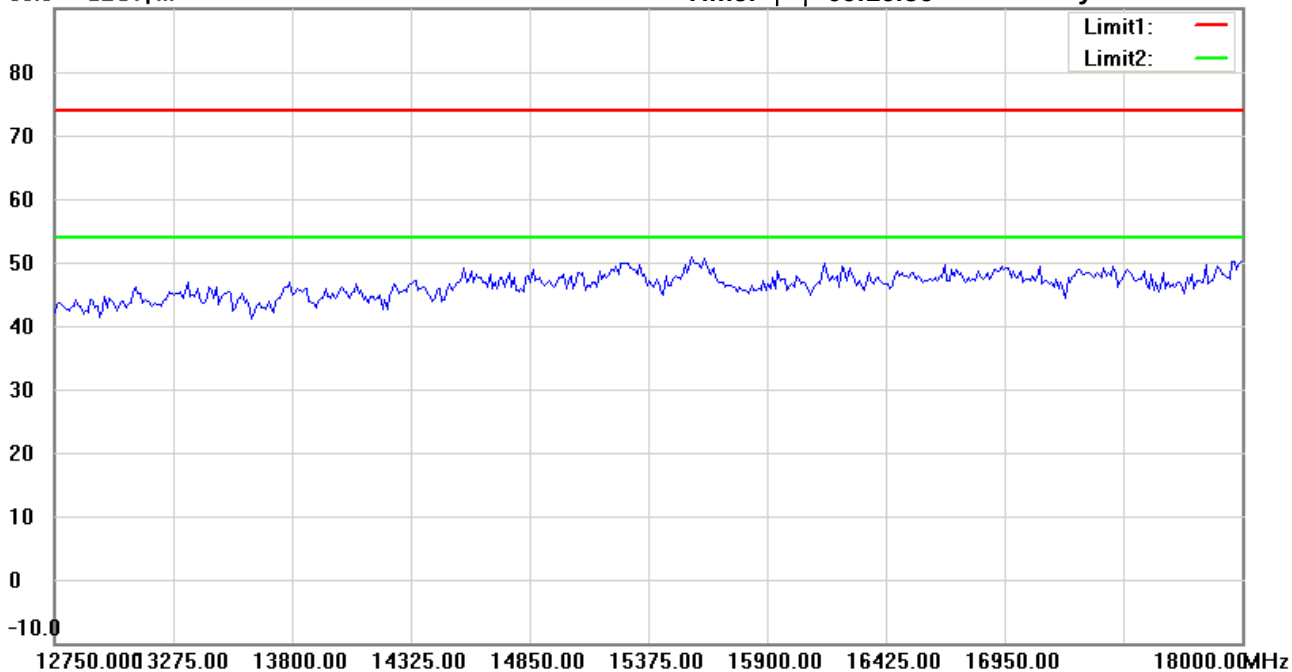
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:16:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Horizontal

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#9

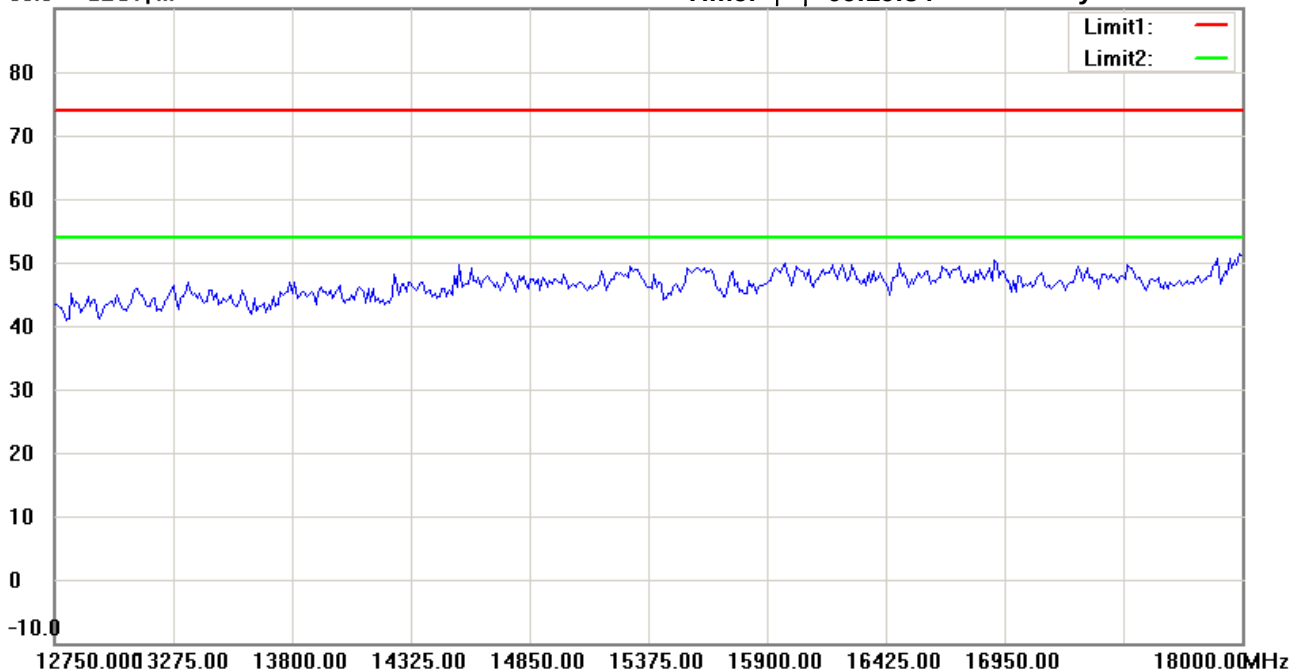
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:19:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#5

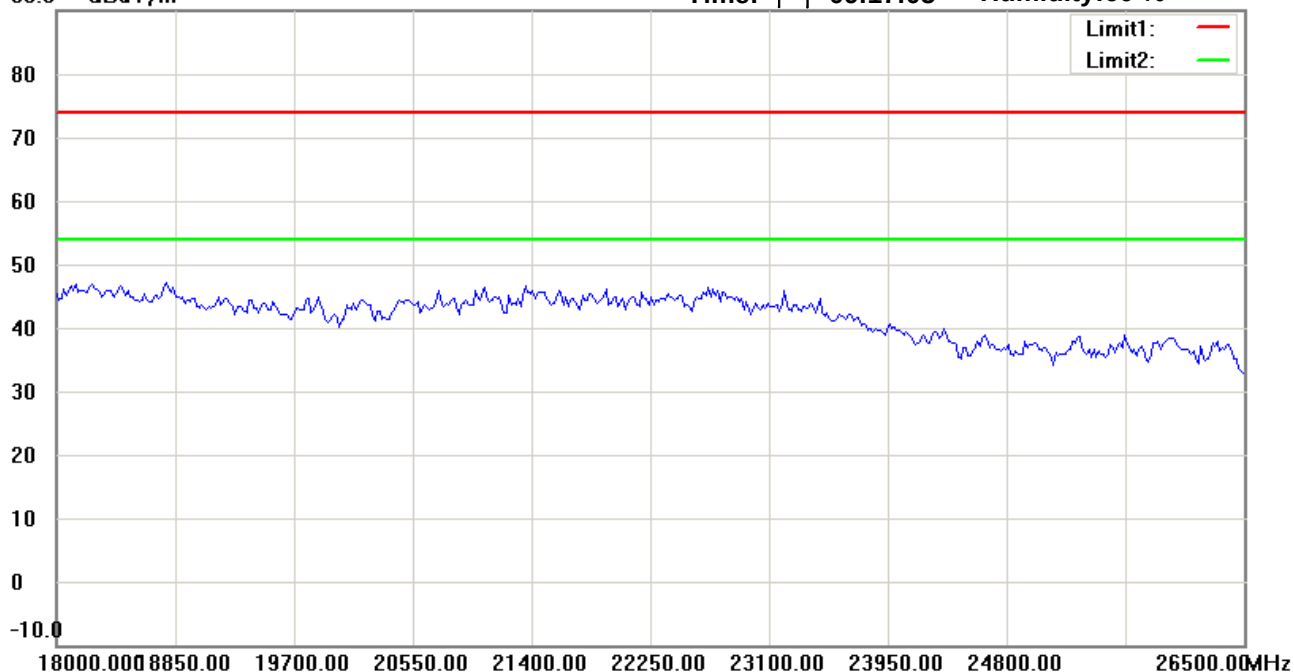
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:17:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#10

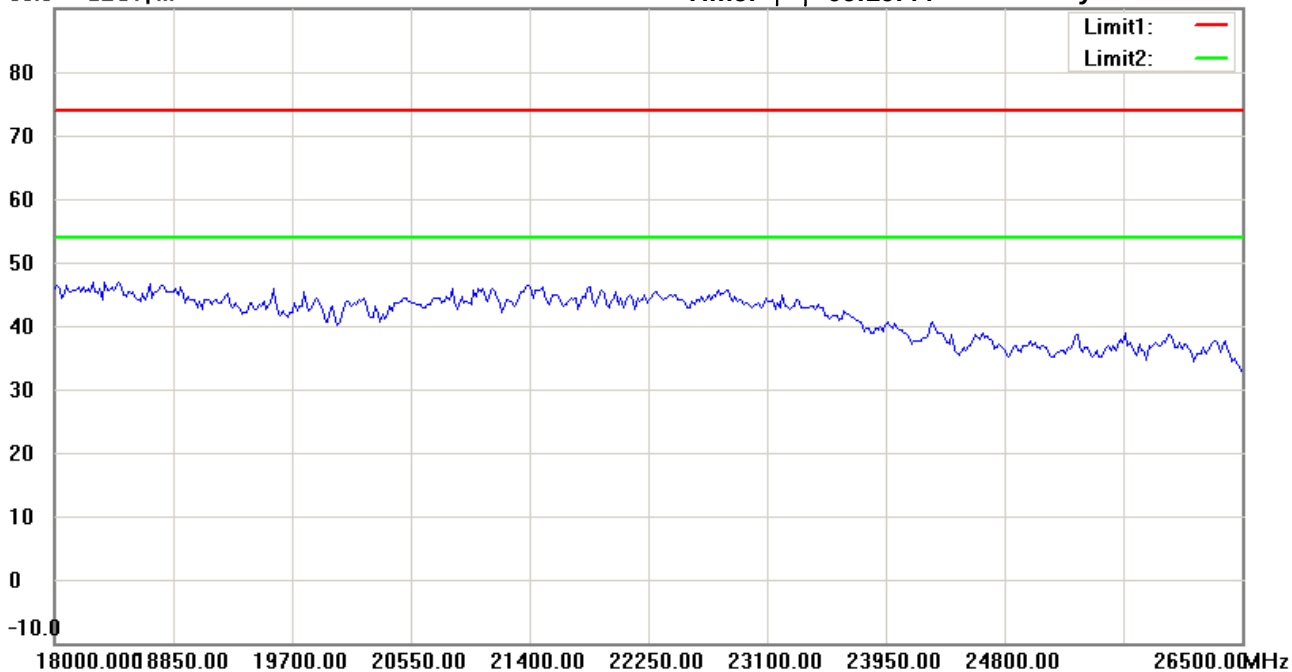
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:19:44

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	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

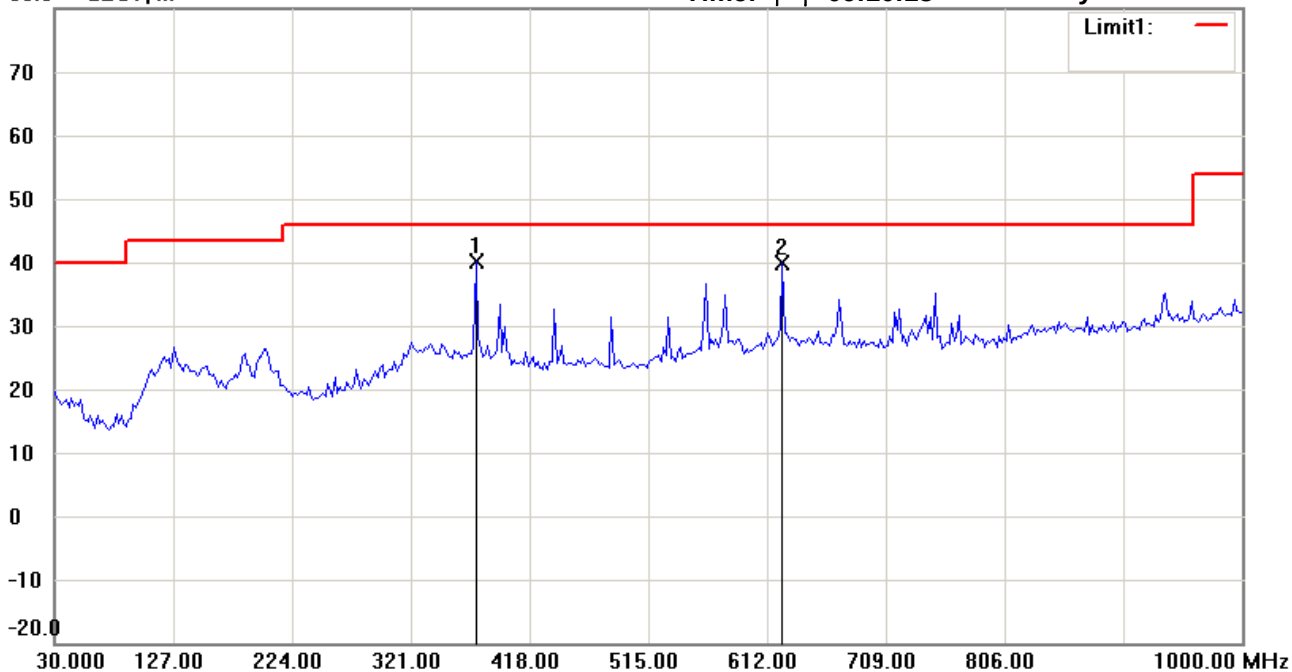
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:10:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	374.0681	44.20	peak	-4.14	40.06	46.00	100	70	-5.94	
	624.8297	40.03	peak	-0.12	39.91	46.00	100	150	-6.09	



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

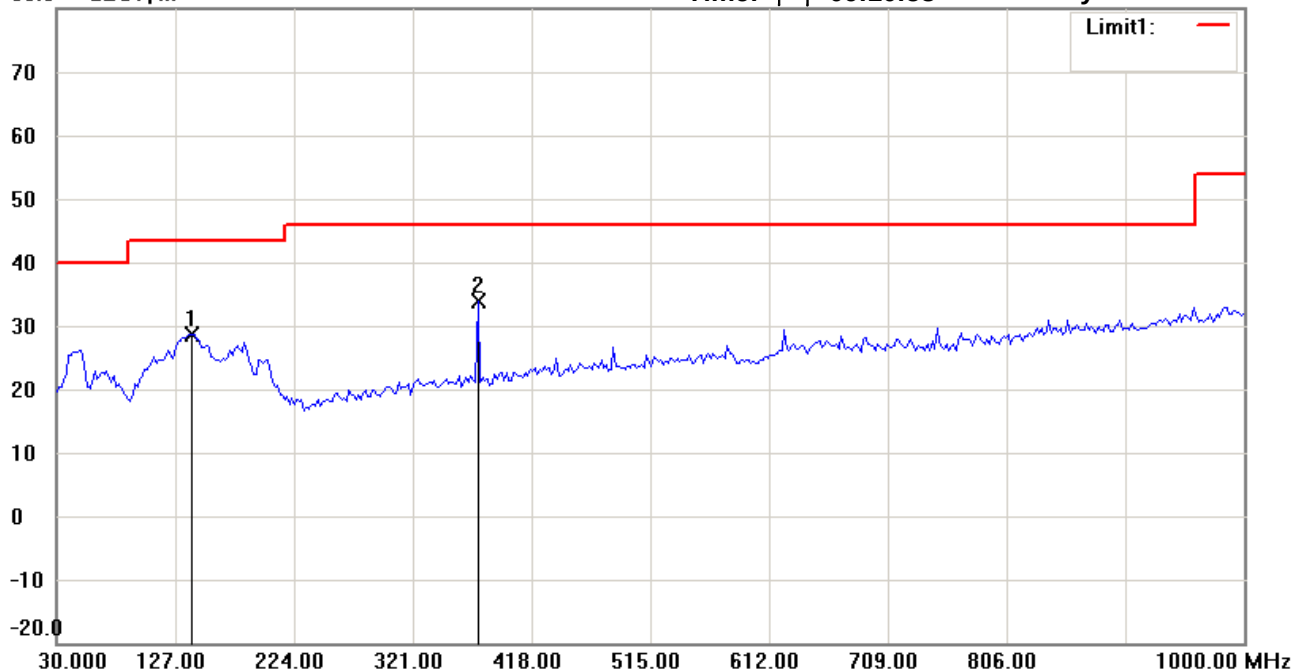
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:10:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	140.8015	35.48	peak	-6.78	28.70	43.50	100	75	-14.80	
*	374.0681	37.94	peak	-4.14	33.80	46.00	100	210	-12.20	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

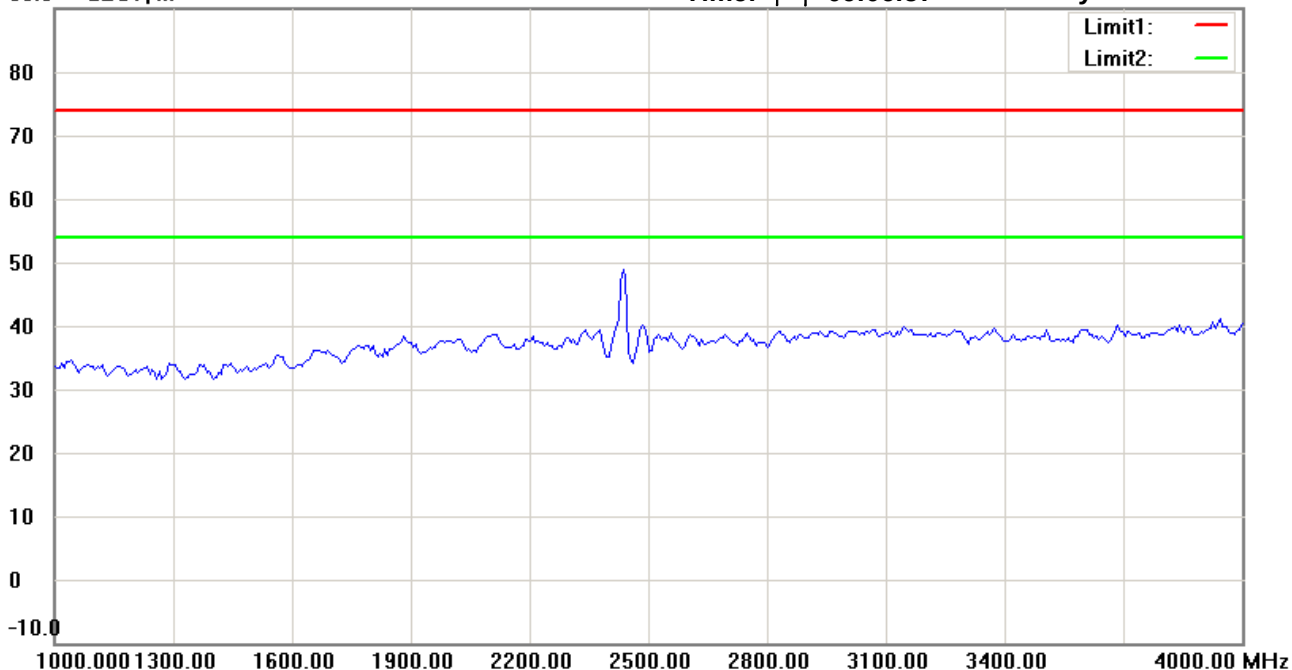
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:06:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

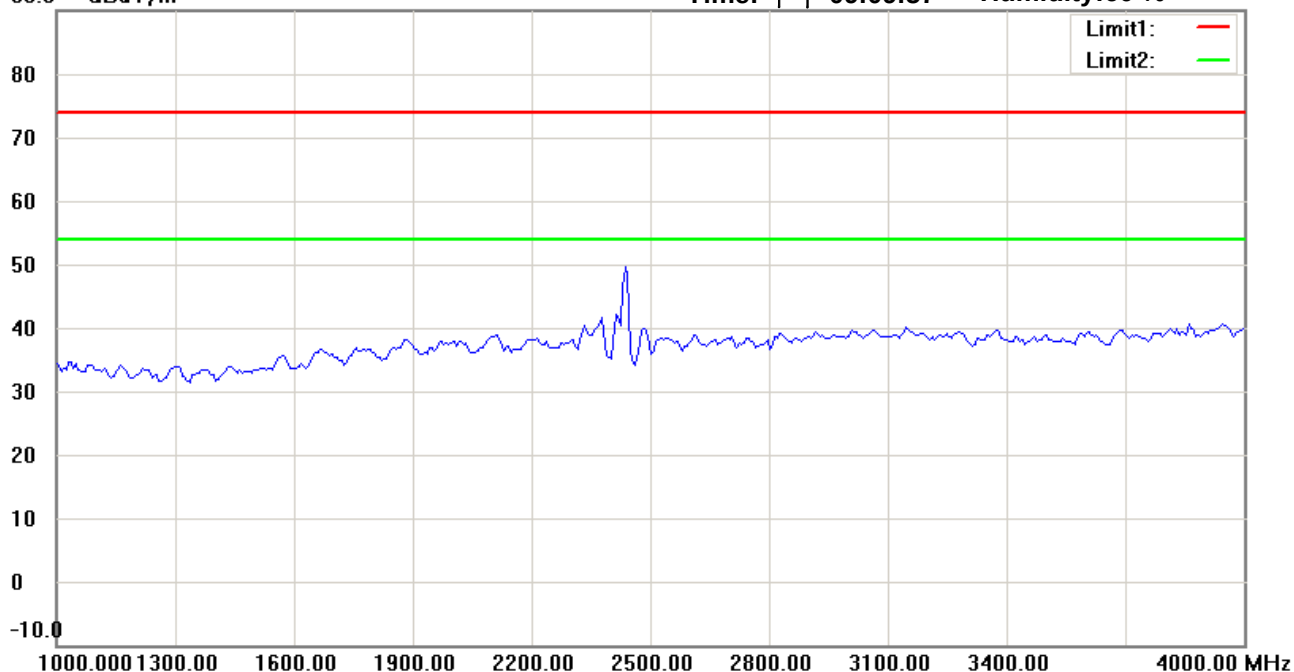
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:09:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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



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

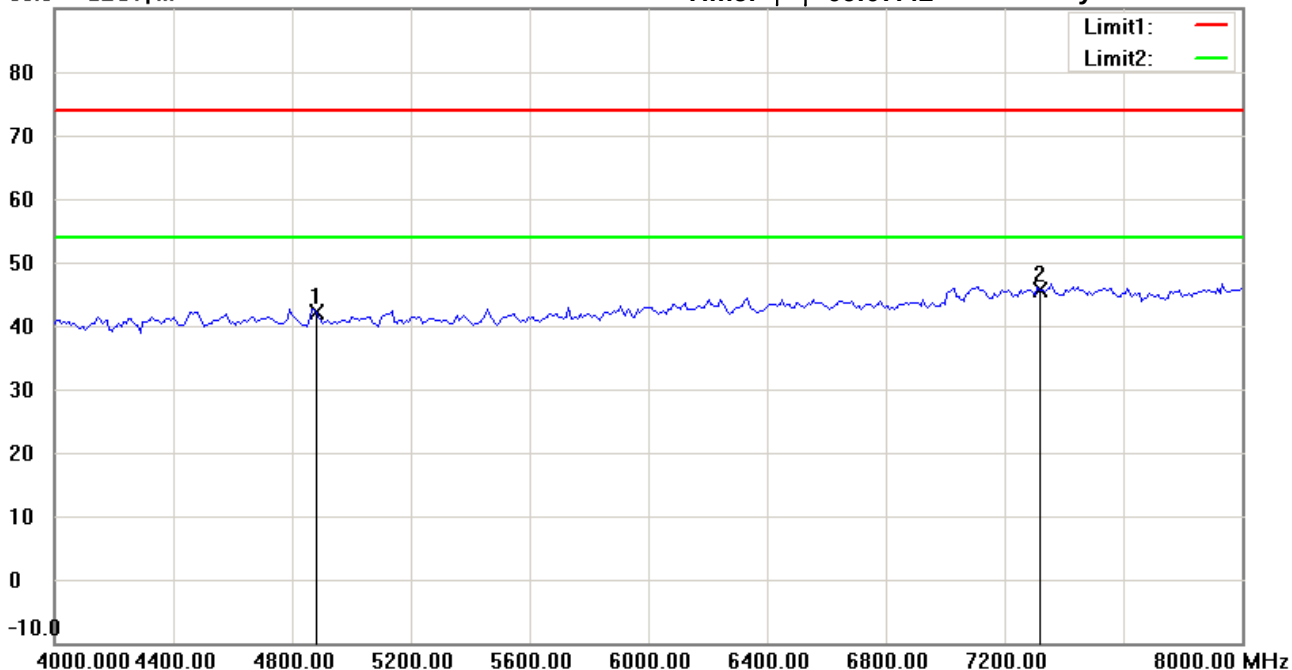
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:07:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.74	peak	-0.50	42.24	74.00	100	135	-31.76	
*	7311.000	41.19	peak	4.43	45.62	74.00	100	40	-28.38	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #7

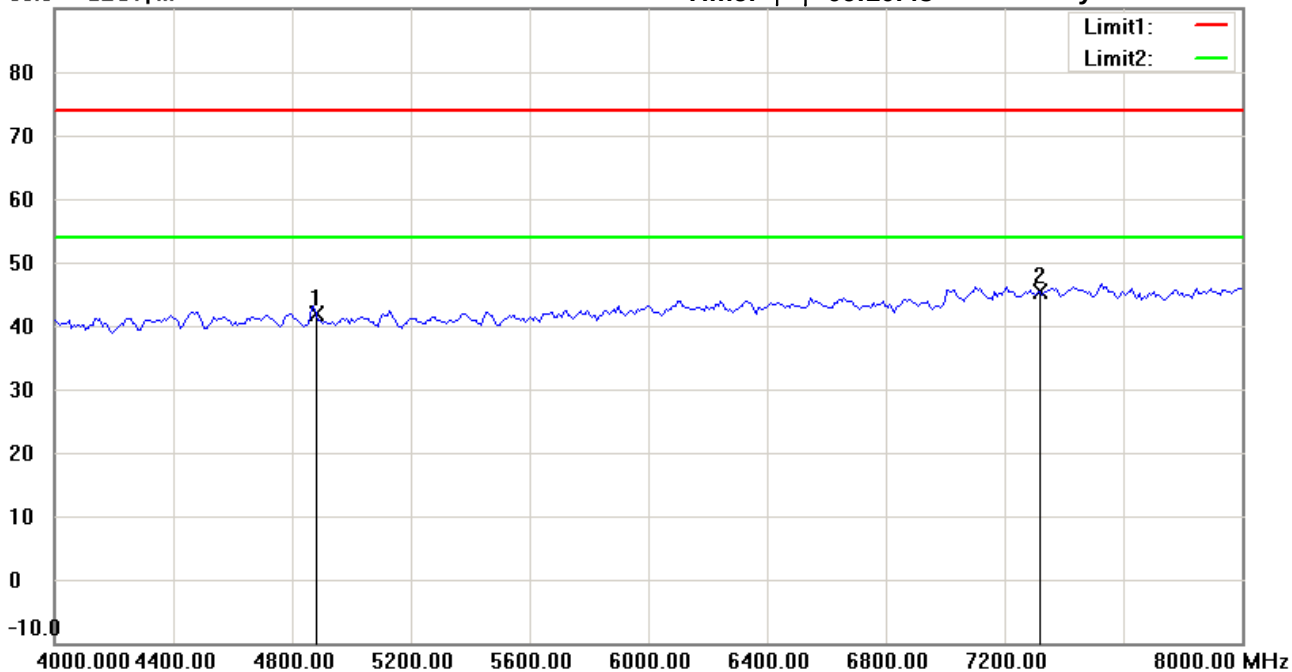
Date: 2016/7/6

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 09:10:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.26	peak	-0.50	41.76	74.00	100	170	-32.24	
*	7311.000	41.00	peak	4.43	45.43	74.00	100	100	-28.57	

*: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

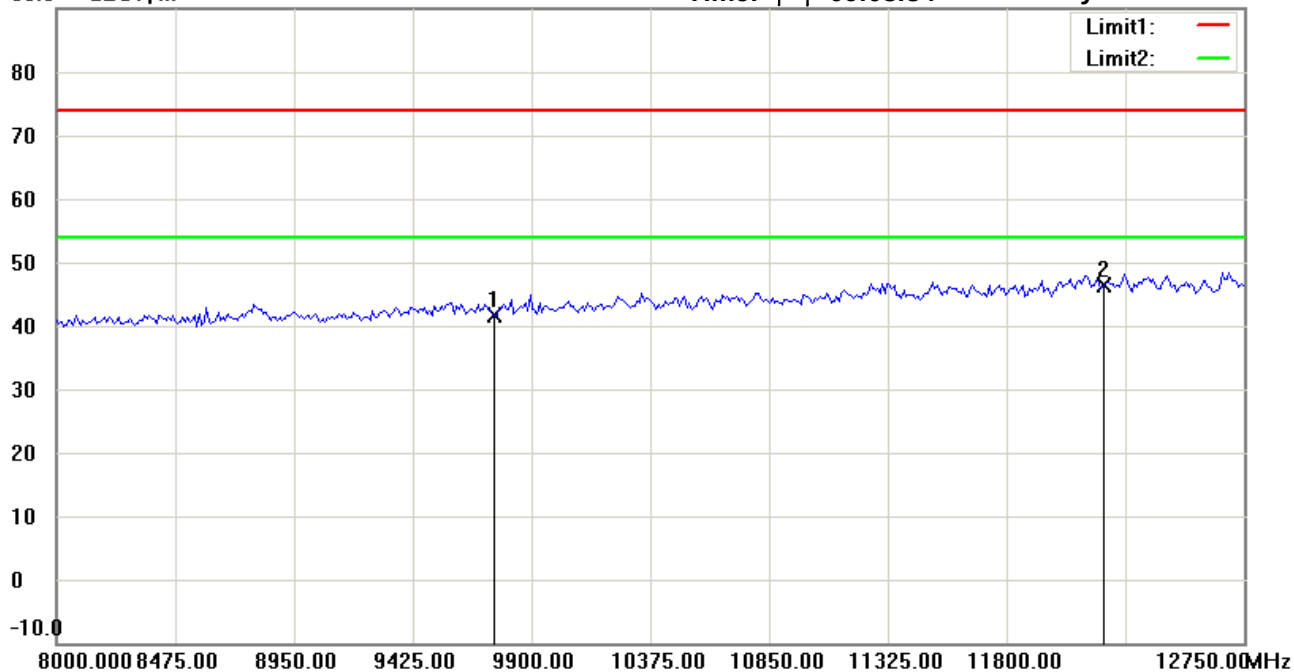
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:08:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	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	34.06	peak	7.49	41.55	74.00	100	185	-32.45	
*	12185.000	32.48	peak	13.82	46.30	74.00	100	120	-27.70	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

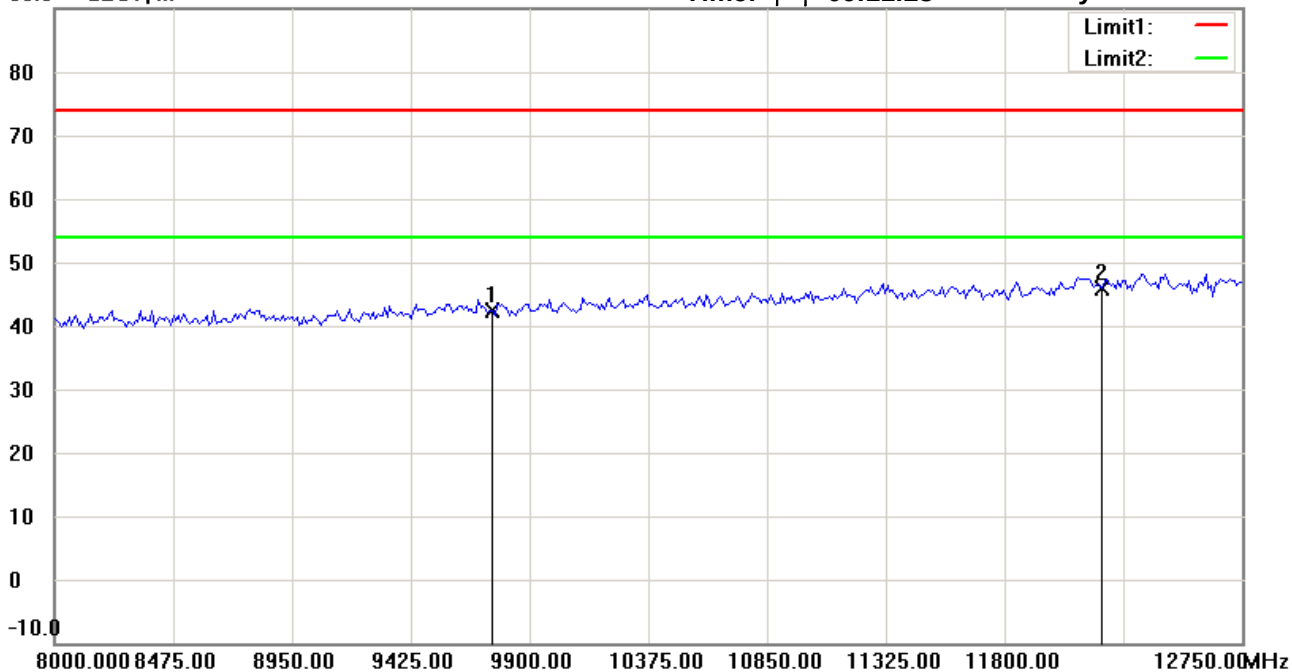
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:11:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	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	34.94	peak	7.49	42.43	74.00	100	340	-31.57	
*	12185.000	32.08	peak	13.82	45.90	74.00	100	295	-28.10	

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



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

Operator: Roy

File :3

Data :#4

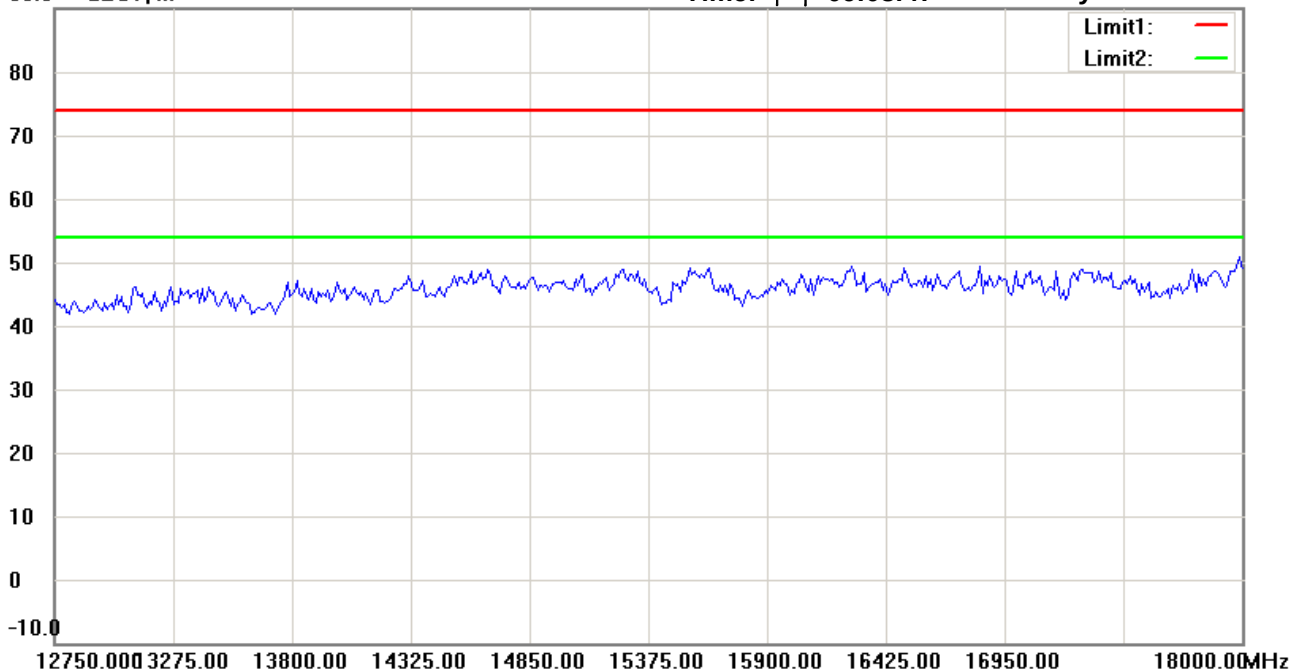
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:08:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

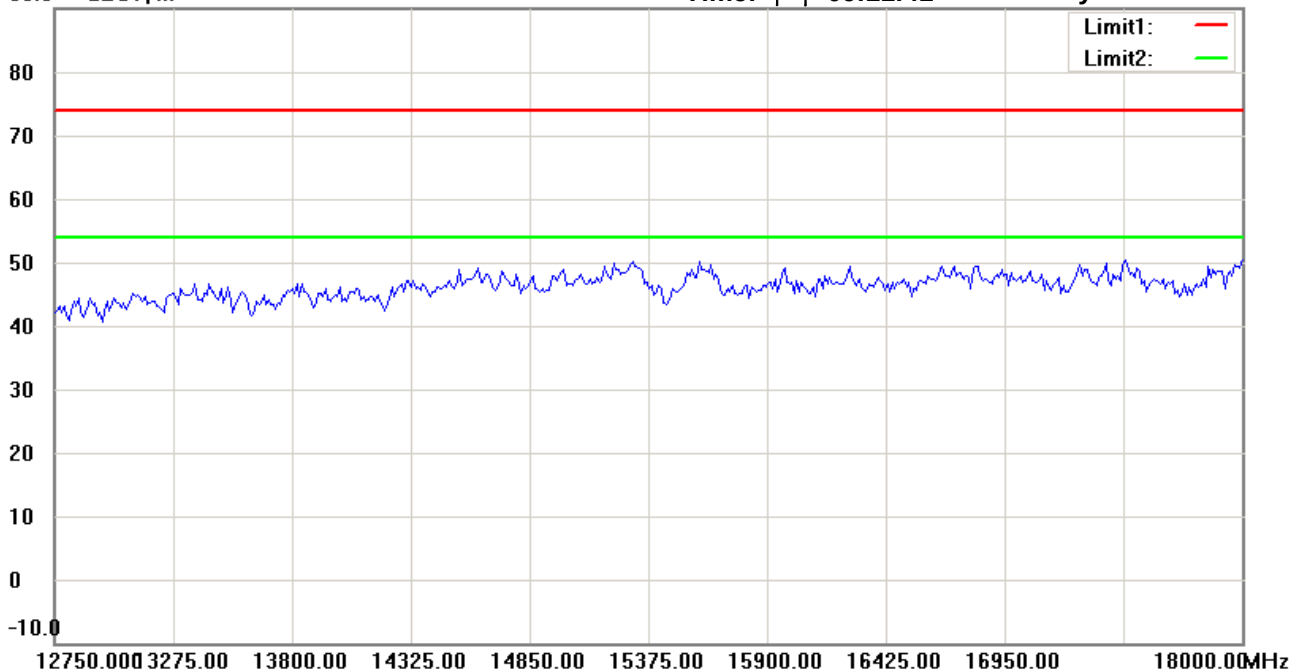
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:11:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

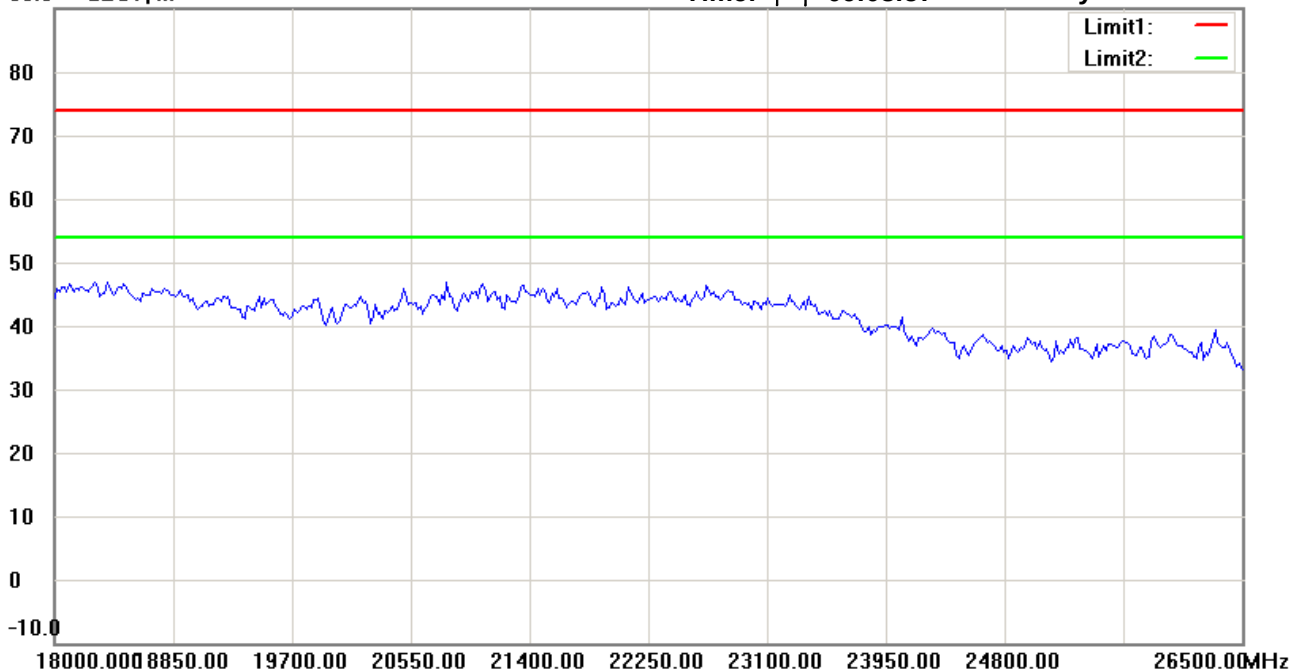
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:08:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Horizontal

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

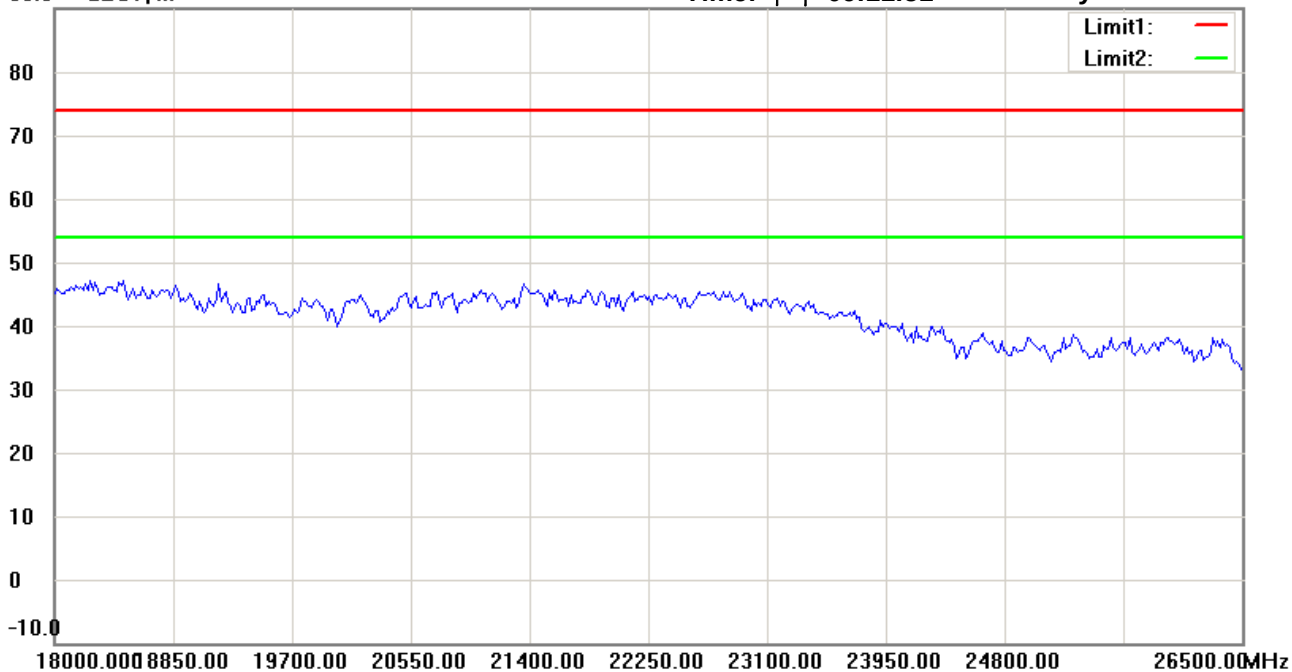
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:11:51

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

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

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



Radiated Emission Measurement

Operator: Roy

File :1

Data :#1

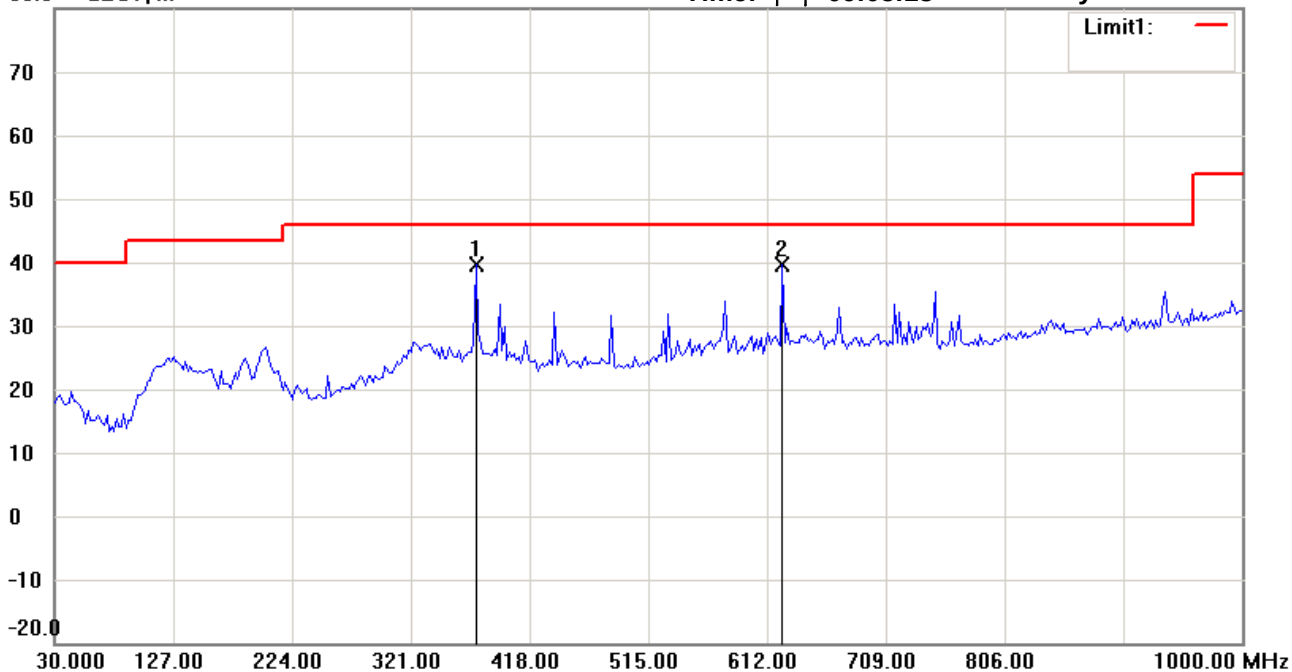
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:05:18

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	374.0681	43.78	peak	-4.14	39.64	46.00	100	85	-6.36	
	624.8297	39.74	peak	-0.12	39.62	46.00	100	160	-6.38	



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

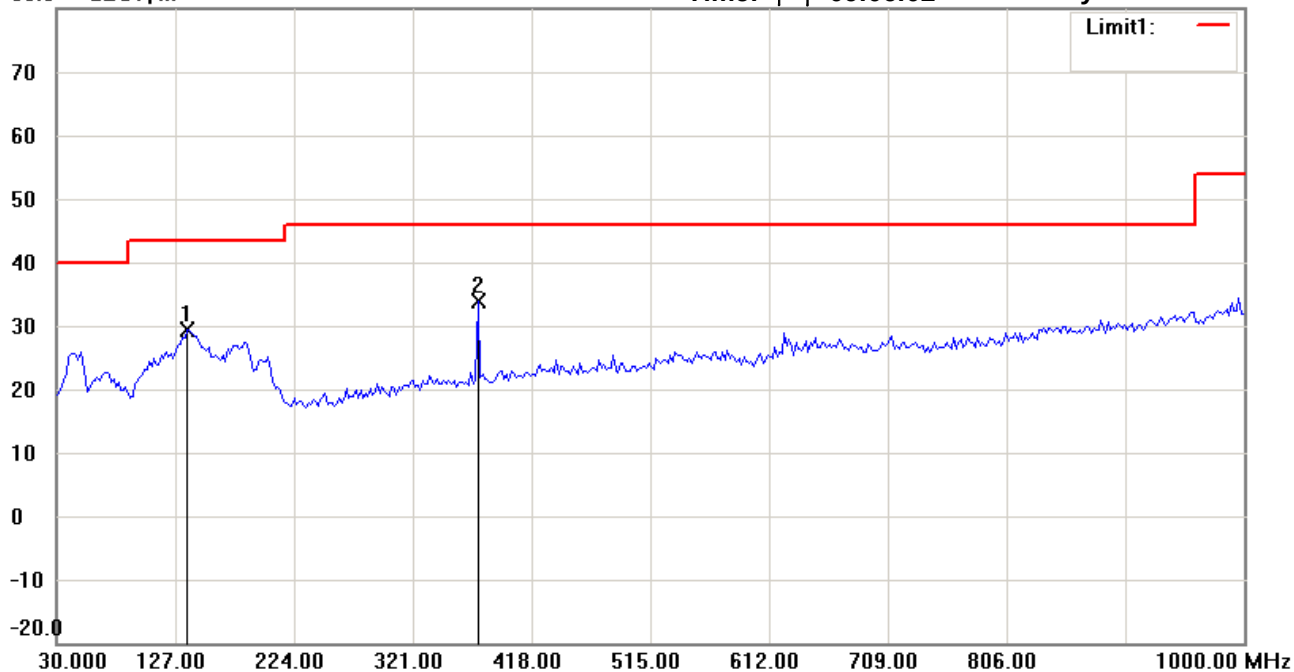
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:06:02

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	136.9138	35.95	peak	-6.54	29.41	43.50	100	115	-14.09	
*	374.0681	38.09	peak	-4.14	33.95	46.00	100	180	-12.05	

*: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

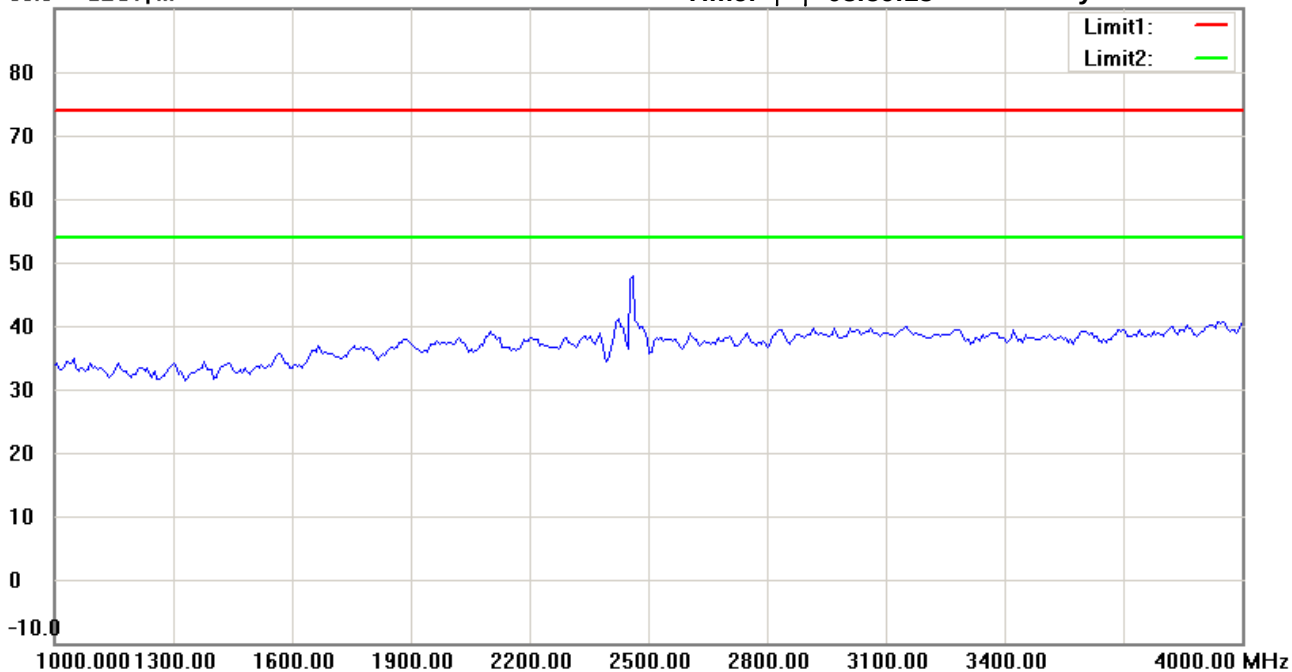
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:59:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#6

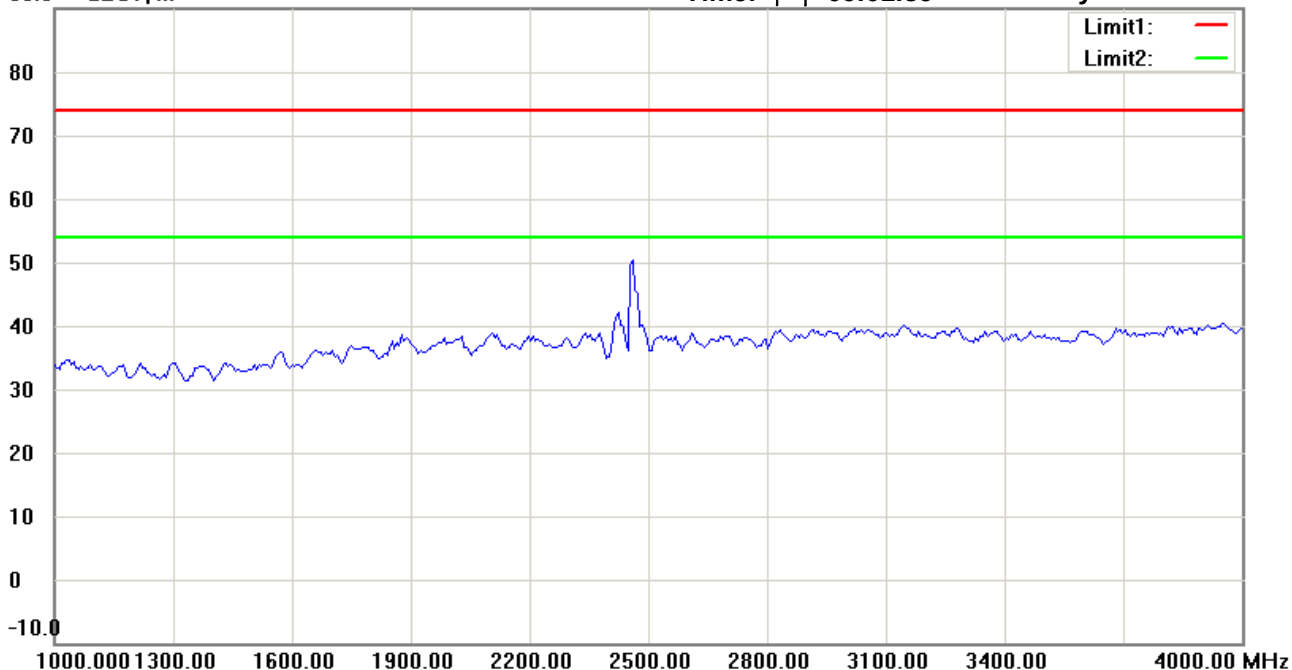
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:01:59

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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

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



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

Operator: Roy

File :3

Data :#2

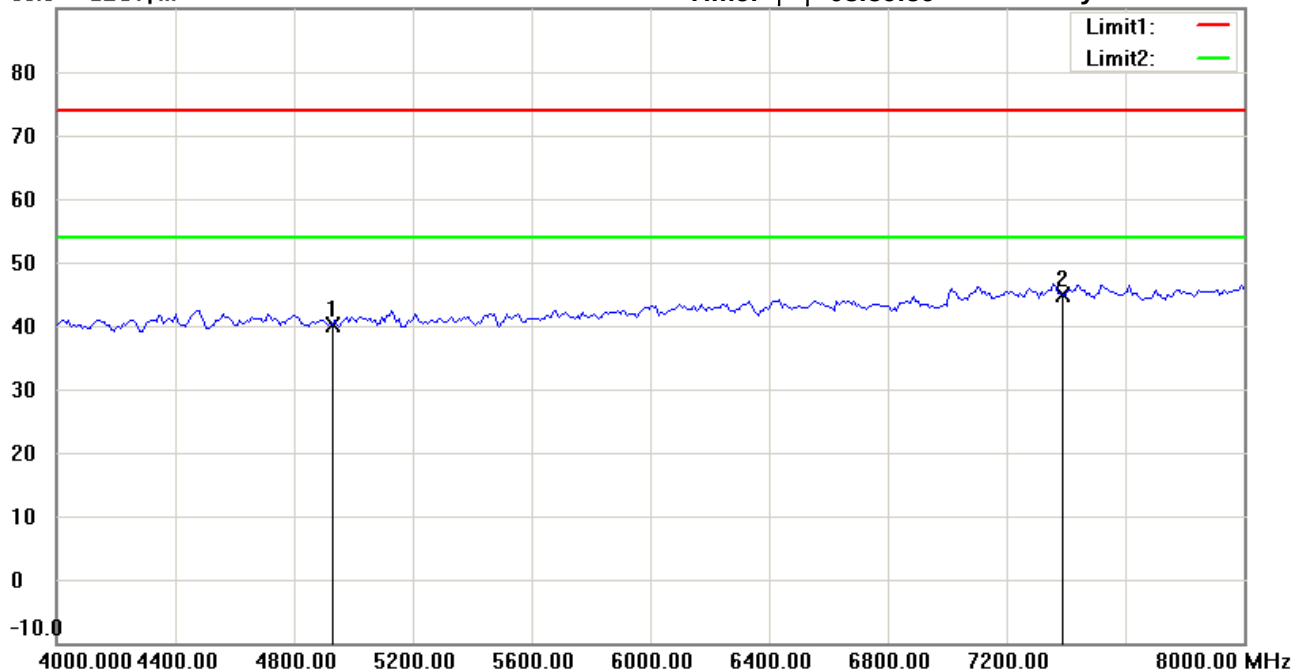
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:59:59

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	40.58	peak	-0.33	40.25	74.00	100	240	-33.75	
*	7386.000	39.89	peak	4.93	44.82	74.00	100	95	-29.18	

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



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

Operator: Roy

File :3

Data :#7

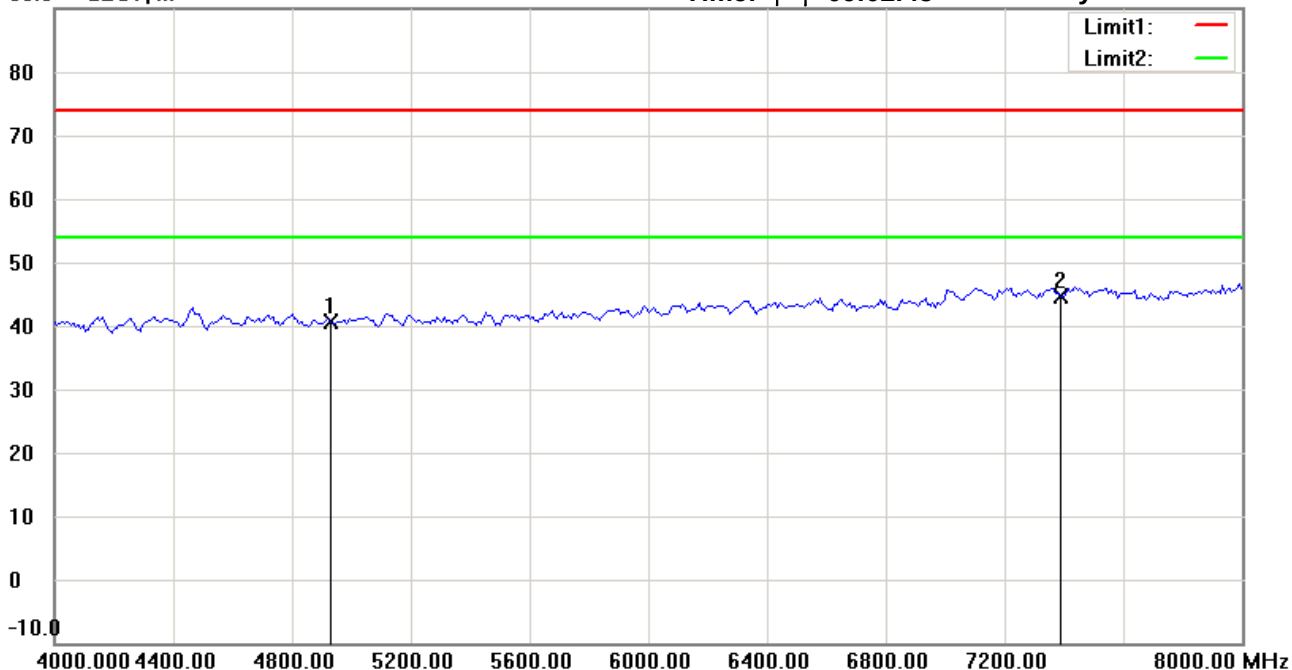
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:02:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	41.03	peak	-0.33	40.70	74.00	100	140	-33.30	
*	7386.000	39.65	peak	4.93	44.58	74.00	100	60	-29.42	

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



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Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

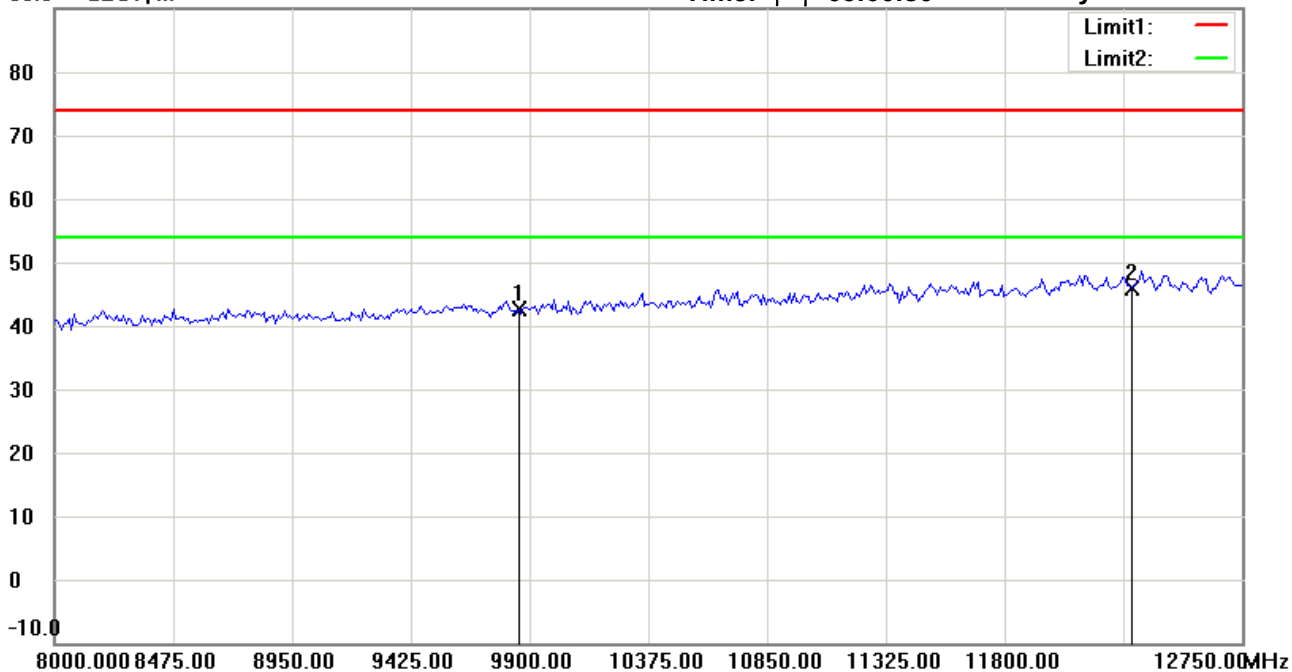
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:00:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	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	35.00	peak	7.68	42.68	74.00	100	260	-31.32	
*	12310.000	32.70	peak	13.25	45.95	74.00	100	220	-28.05	

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



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

Operator: Roy

File :3

Data :#8

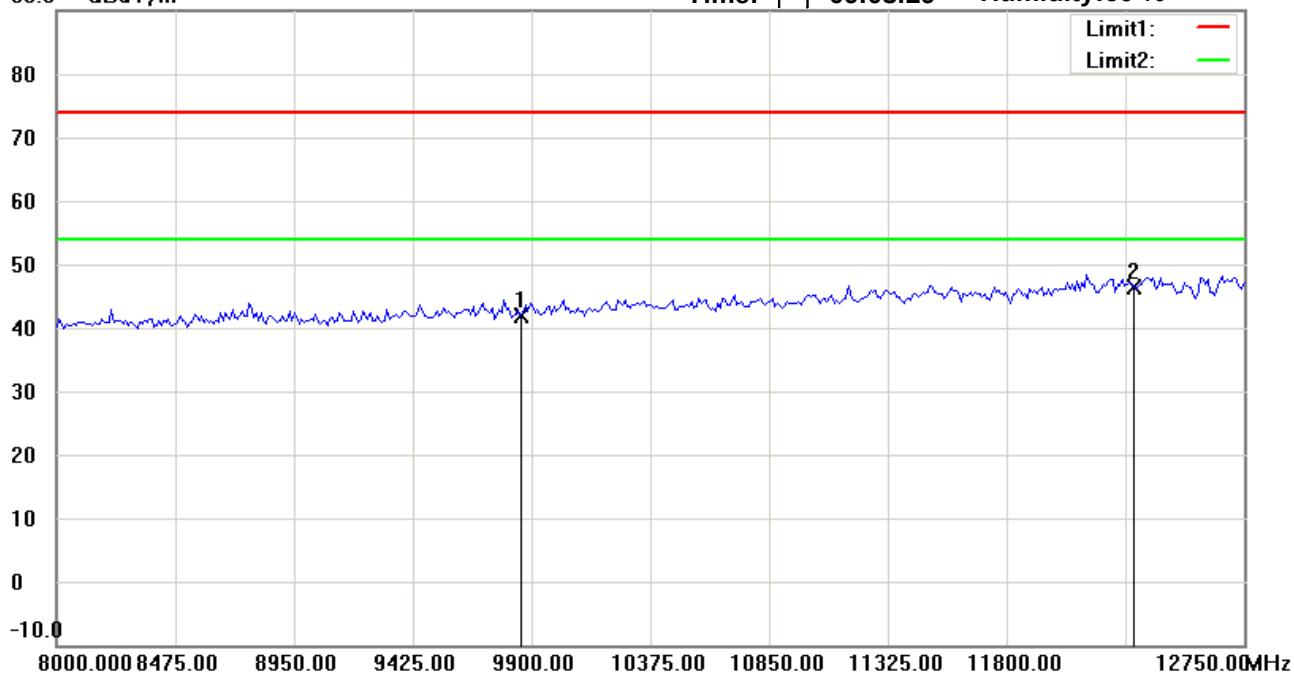
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:03:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	34.32	peak	7.68	42.00	74.00	100	225	-32.00	
*	12310.000	33.03	peak	13.25	46.28	74.00	100	80	-27.72	

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



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

Operator: Roy

File :3

Data :#4

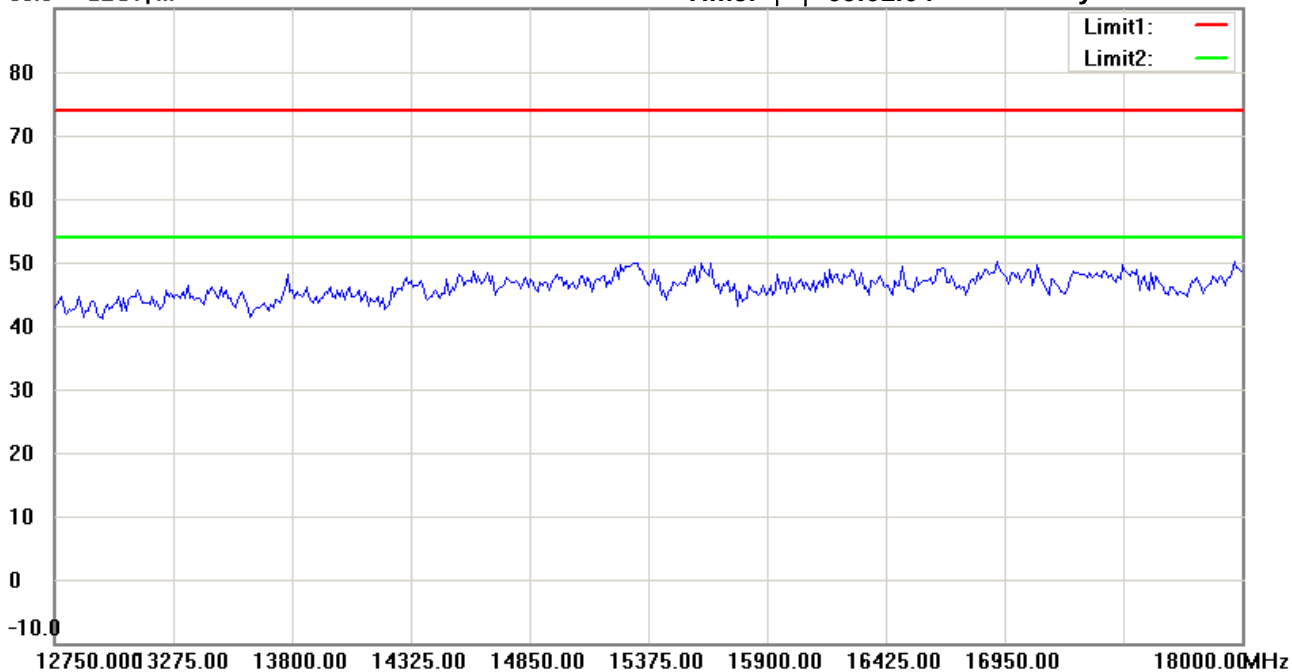
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:01:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Horizontal

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#9

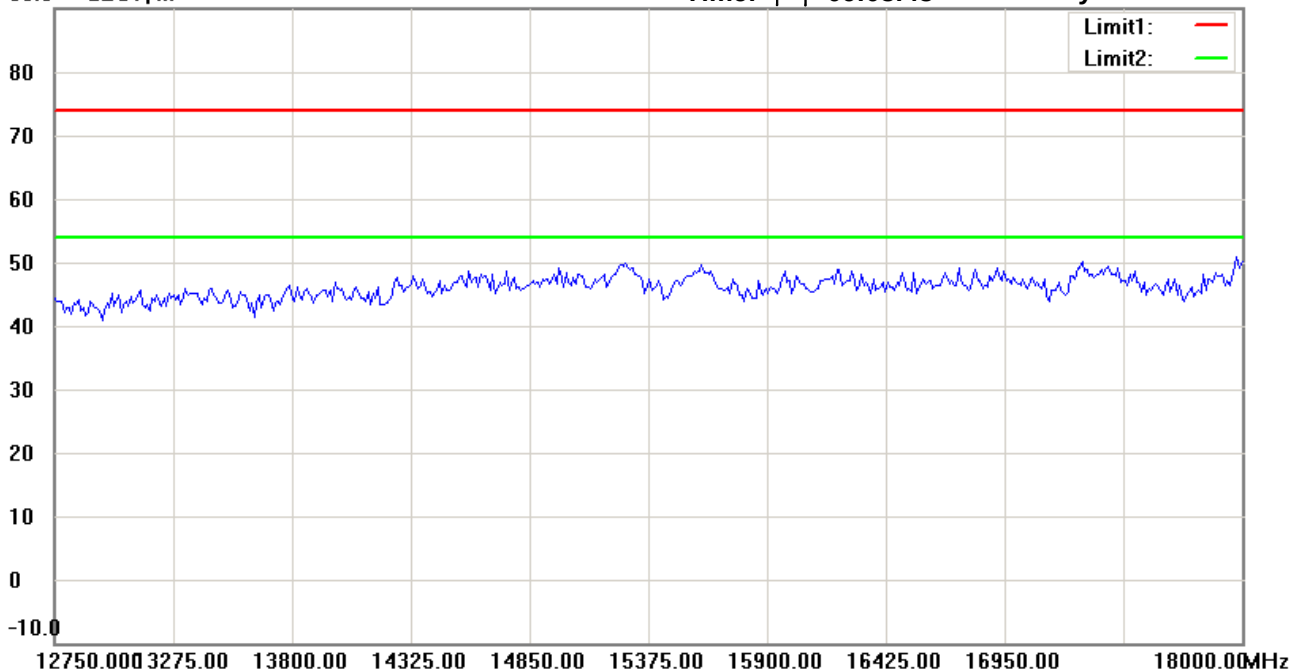
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:03:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

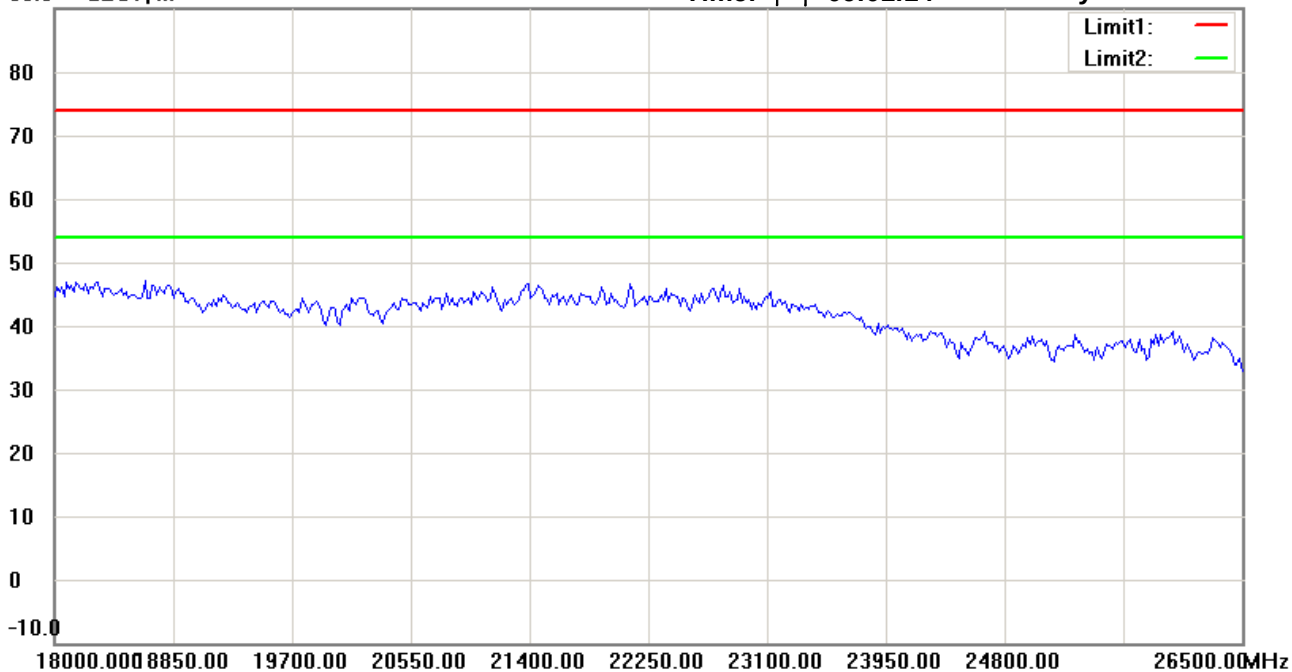
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:01:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

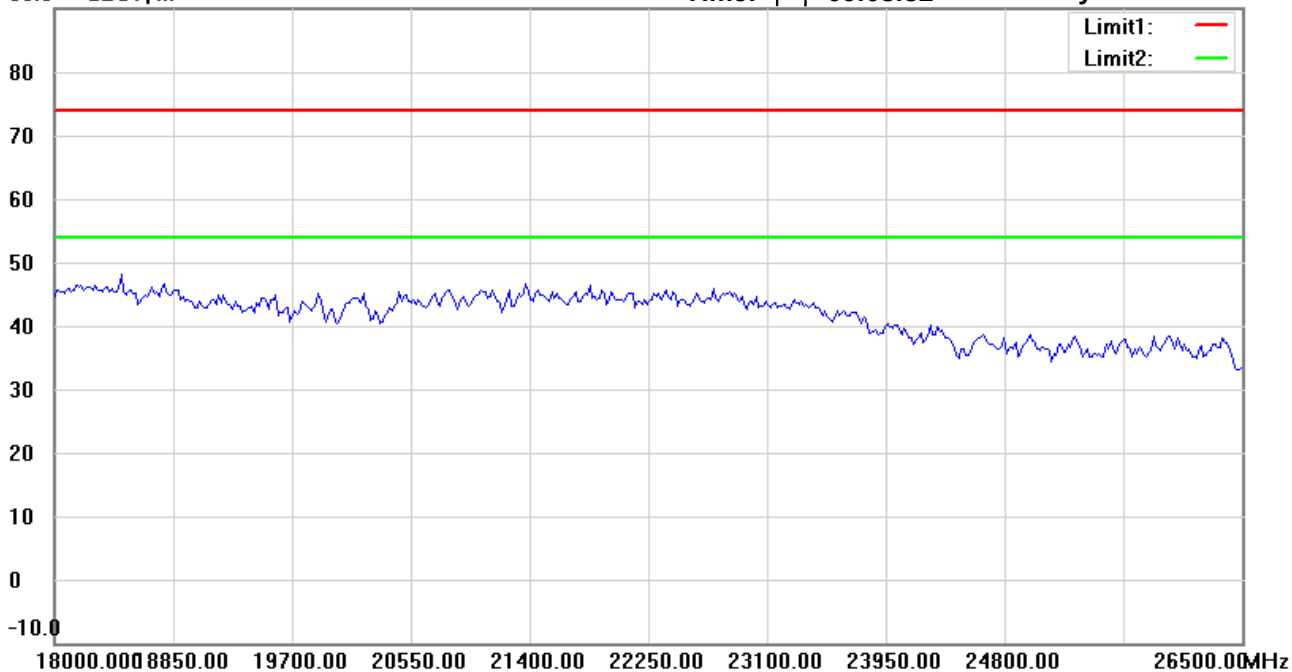
Date: 2016/7/6

Temperature:24 °C

90.0 dBuV/m

Time: 下午 09:03:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Measurement diagrams

Spurious Emission Radiated _TX (BT2.0)



Radiated Emission Measurement

Operator: Roy

File :1

Data :#1

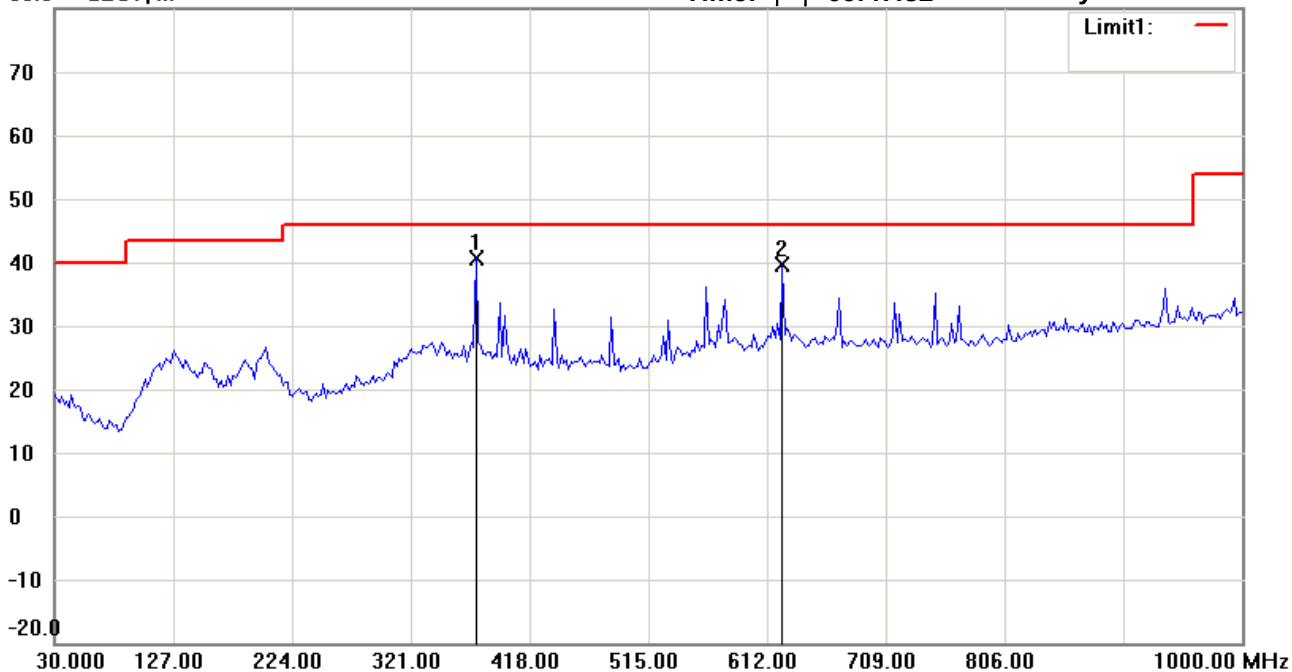
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:47:32

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	374.0681	44.78	peak	-4.14	40.64	46.00	100	180	-5.36	
	624.8297	39.78	peak	-0.12	39.66	46.00	100	65	-6.34	



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

Operator: Roy

File :1

Data :#2

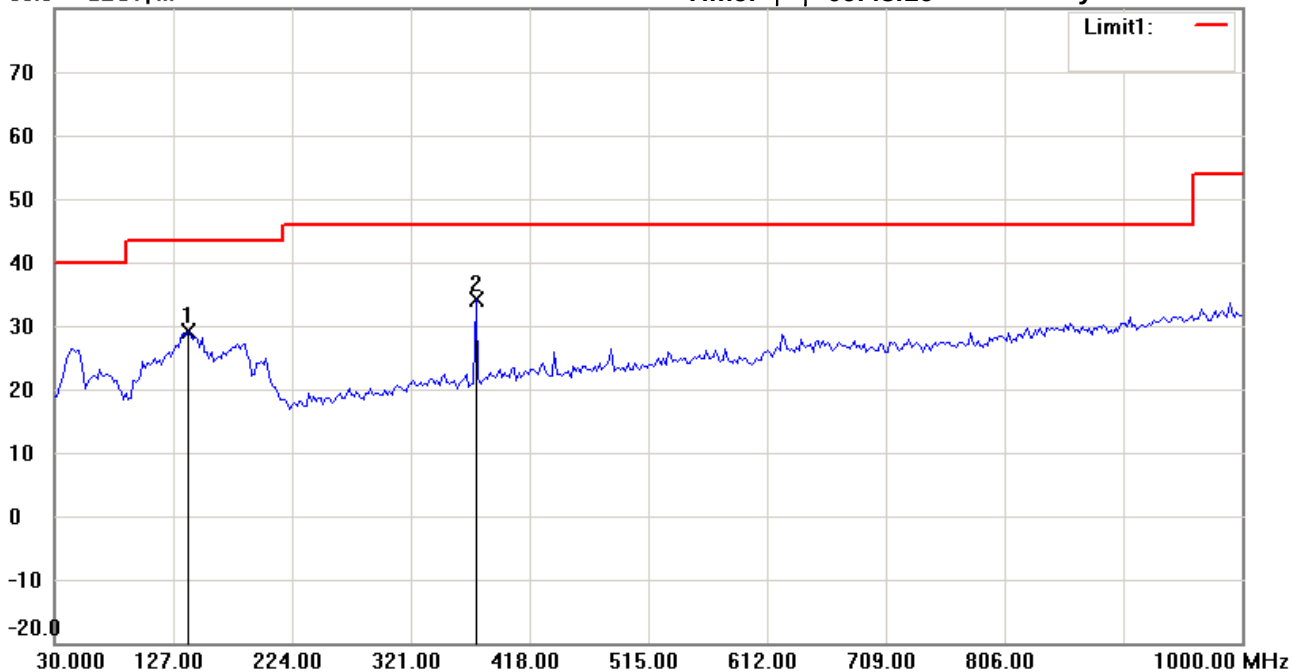
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:48:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	138.8577	35.83	peak	-6.65	29.18	43.50	100	25	-14.32	
*	374.0681	38.24	peak	-4.14	34.10	46.00	100	150	-11.90	

*: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: Roy

File :3

Data :#1

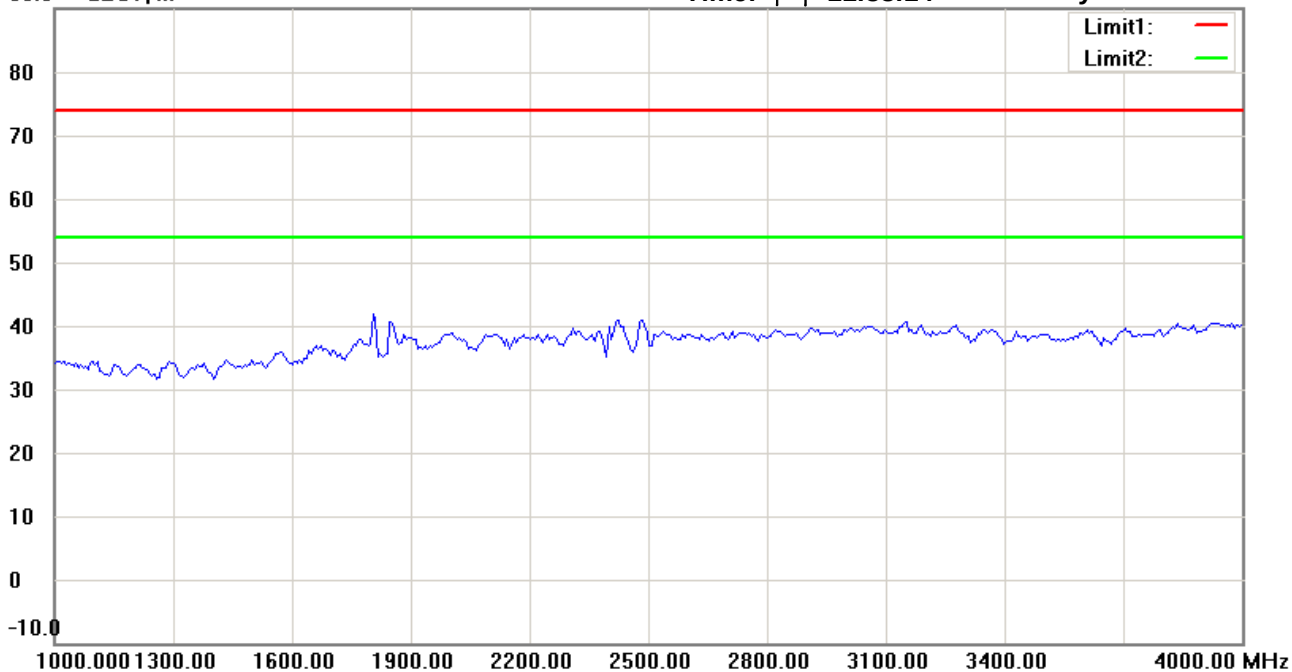
Date: 2016/5/26

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:38:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Horizontal

Power : 120 V.a.c.

Distance: 3m

Mk.	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 :#6

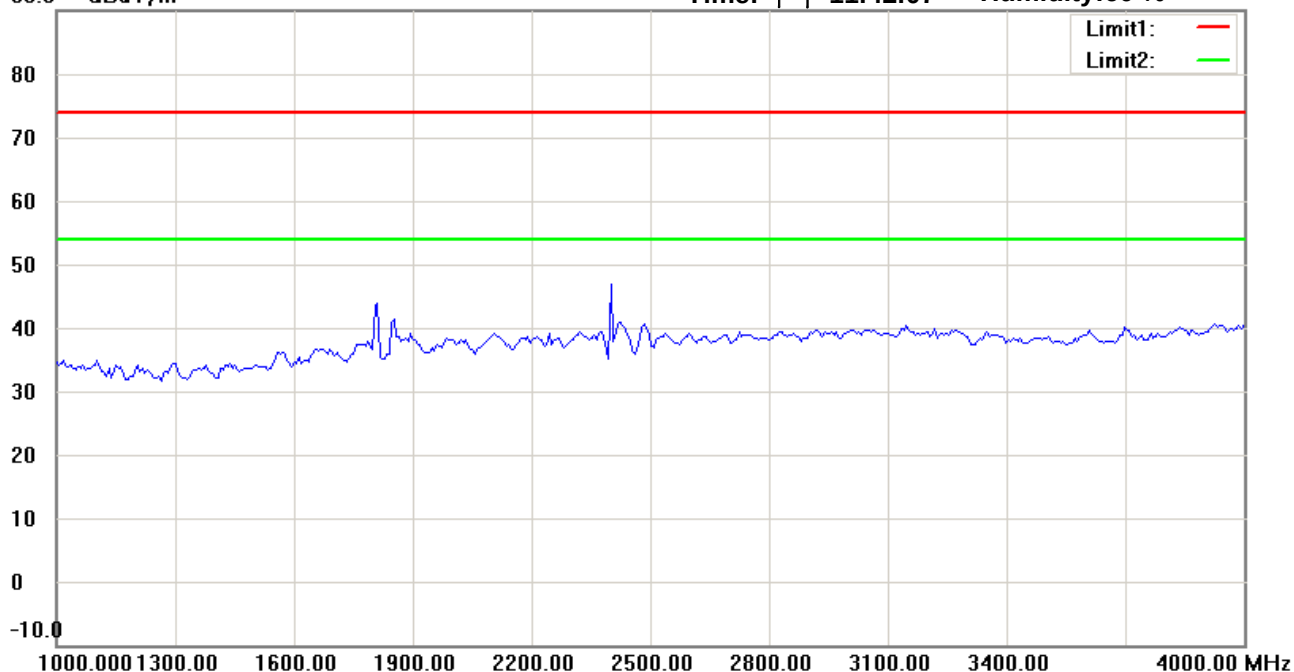
Date: 2016/5/26

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:42:07

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	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
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Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

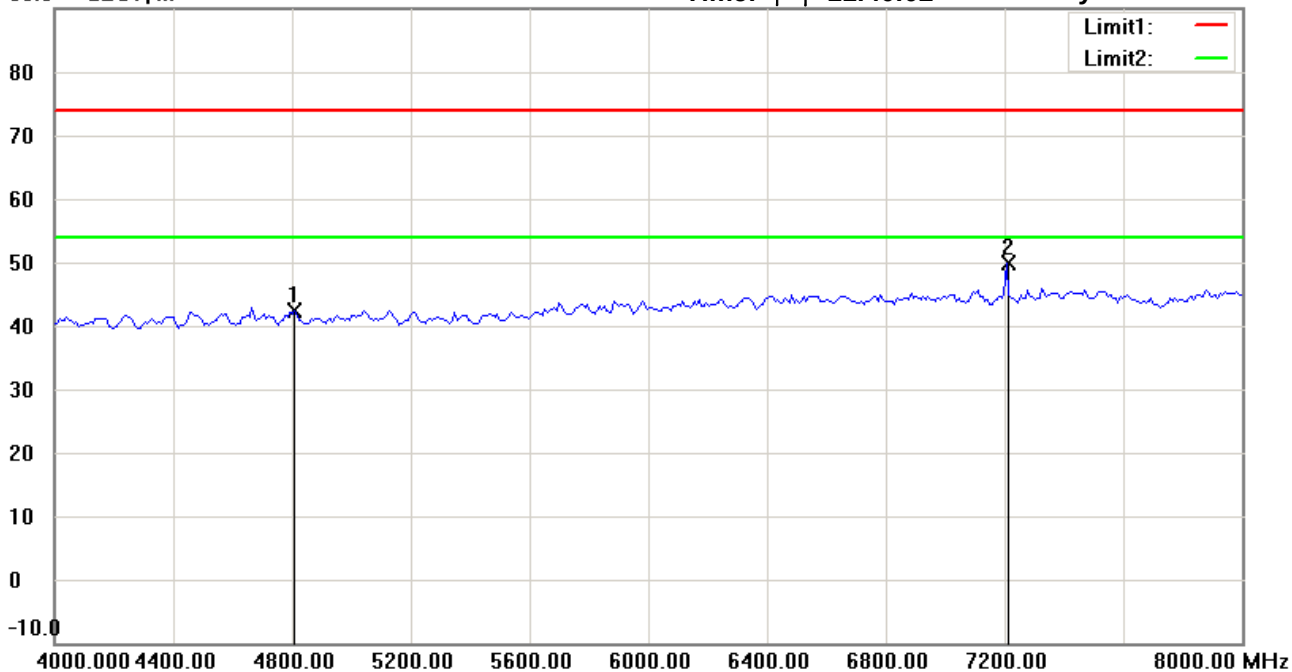
Date: 2016/5/26

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 11:40:02

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.90	peak	-0.59	42.31	74.00	100	65	-31.69	
*	7206.413	45.61	peak	4.26	49.87	74.00	100	170	-24.13	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

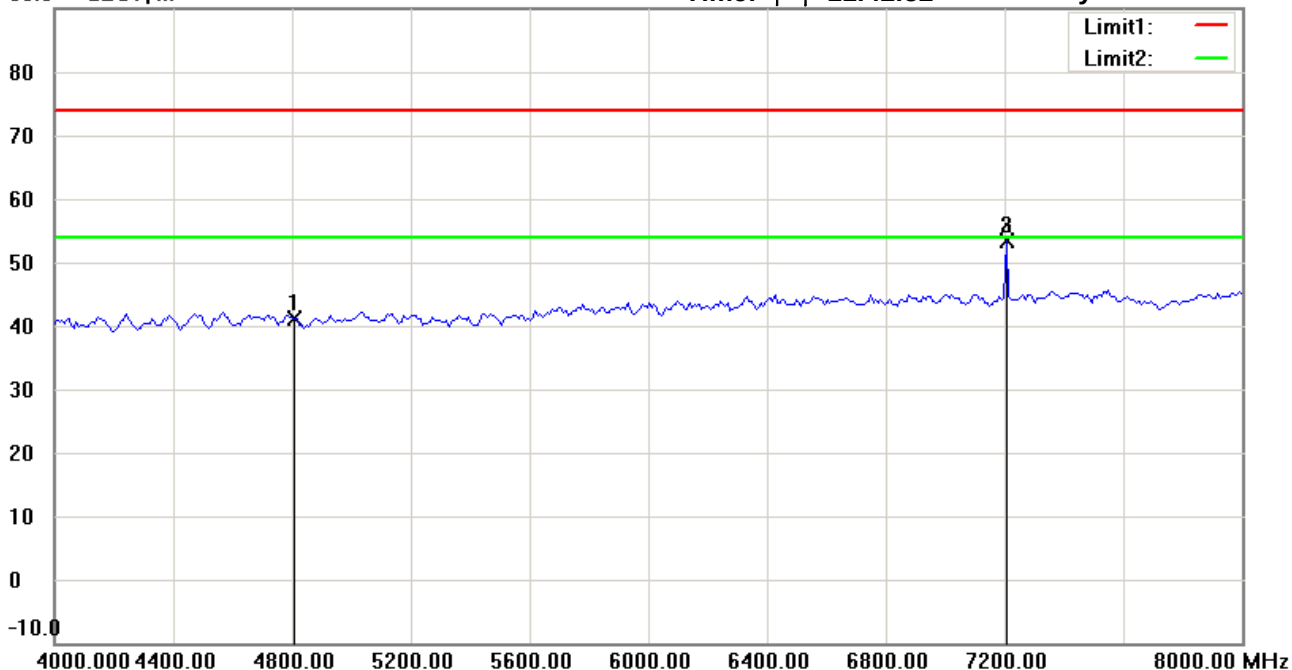
Date: 2016/5/26

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:42:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	41.84	peak	-0.59	41.25	74.00	100	90	-32.75	
	7206.048	49.15	peak	4.26	53.41	74.00	120	240	-20.59	
*	7206.048	49.12	AVG	4.26	53.38	54.00	120	240	-0.62	

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



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Radiated Emission Measurement

Operator: Roy

File : 3

Data : #3

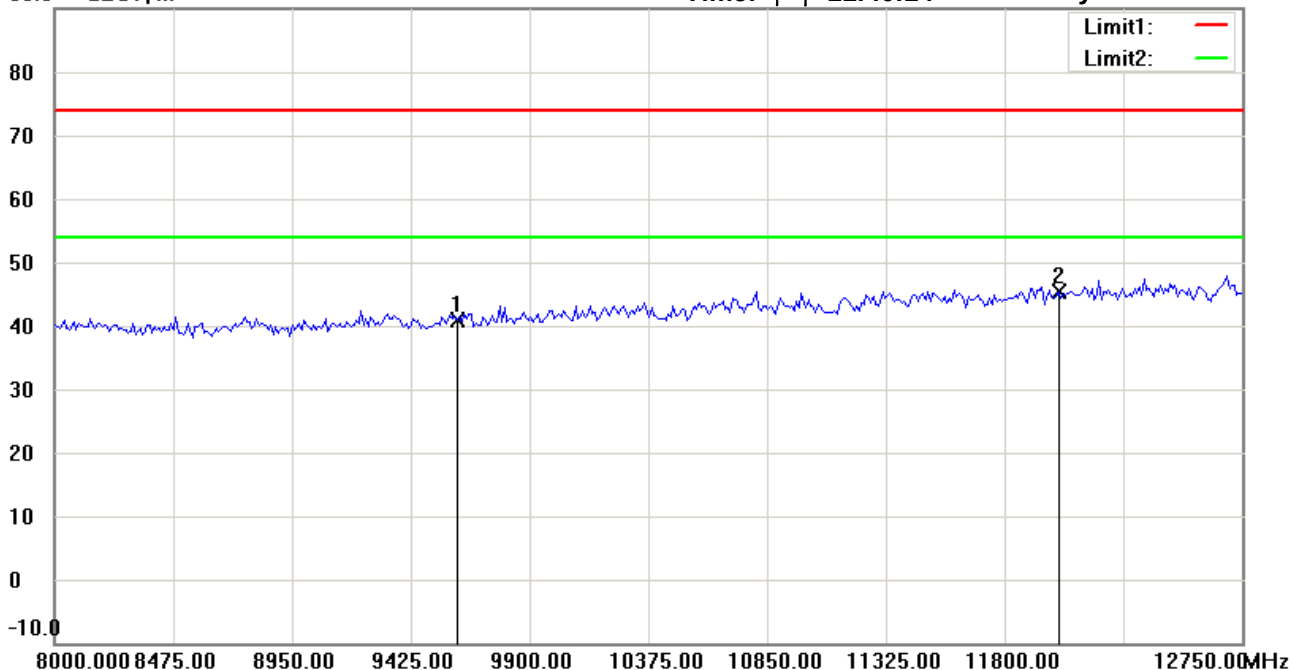
Date: 2016/5/26

Temperature: 24 °C

90.0 dBuV/m

Time: 下午 11:40:14

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	33.33	peak	7.59	40.92	74.00	100	225	-33.08	
*	12010.000	33.00	peak	12.47	45.47	74.00	100	80	-28.53	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

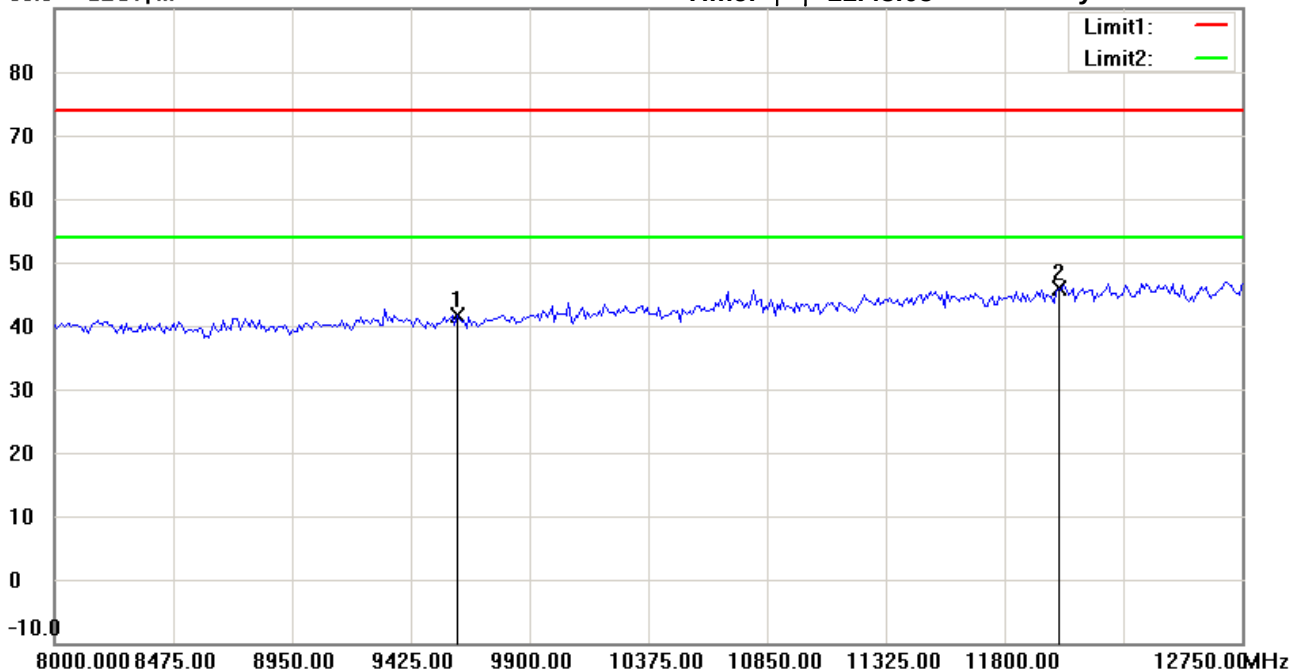
Date: 2016/5/26

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:43:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	33.96	peak	7.59	41.55	74.00	100	155	-32.45	
*	12010.000	33.45	peak	12.47	45.92	74.00	100	45	-28.08	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

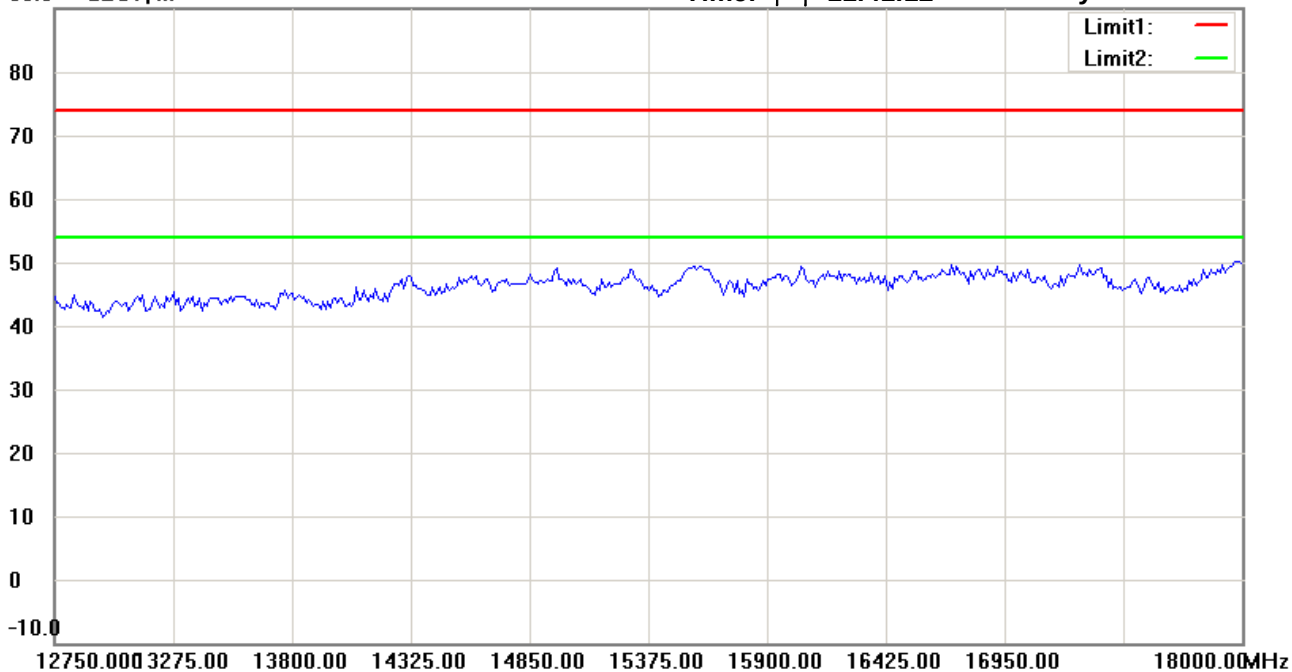
Date: 2016/5/26

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:41:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

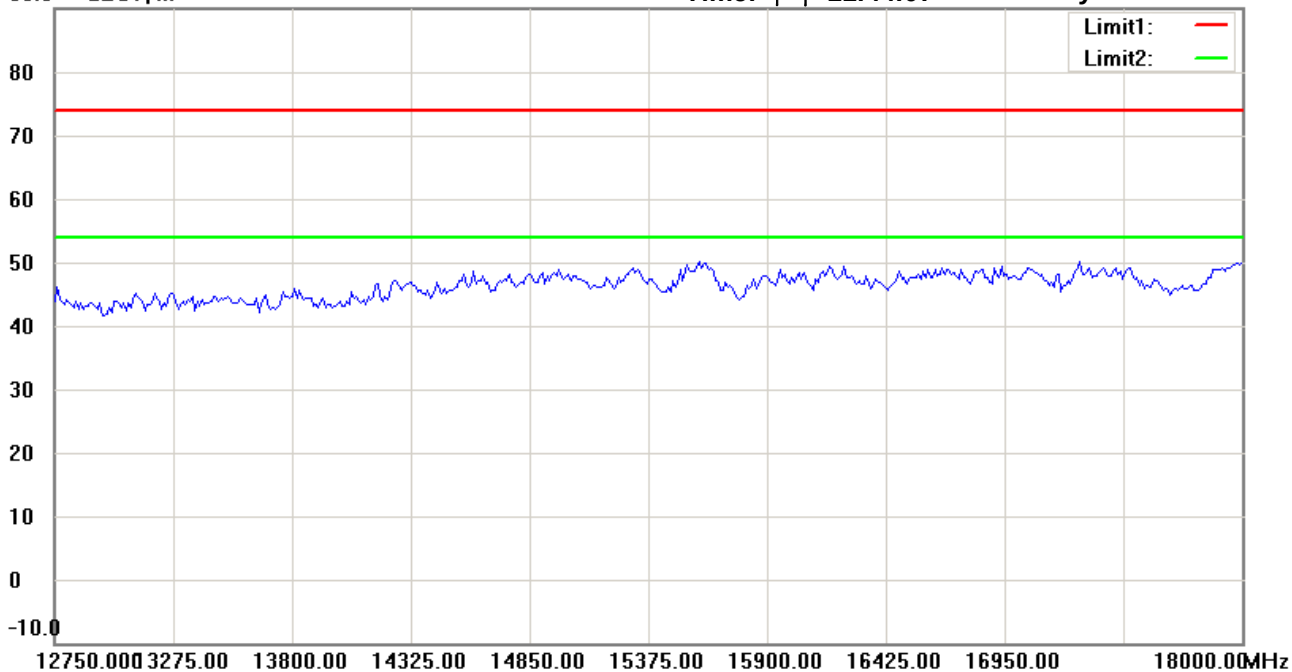
Date: 2016/5/26

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:44:07

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#5

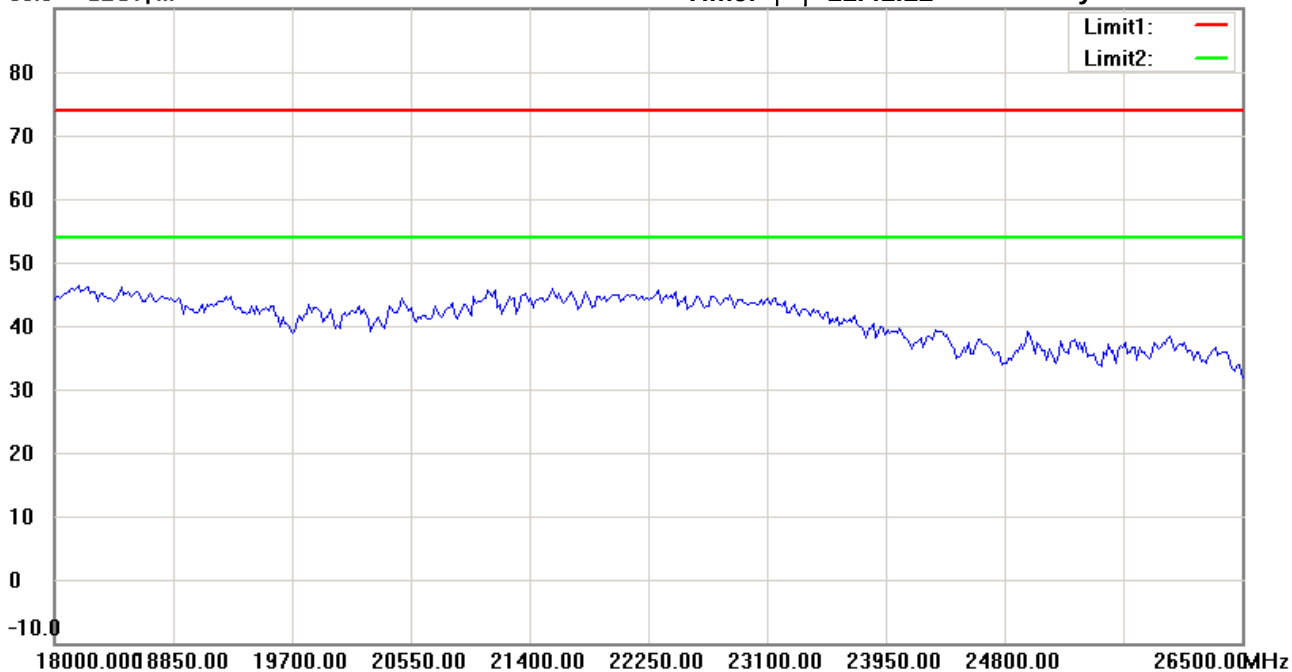
Date: 2016/5/26

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:41:22

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#10

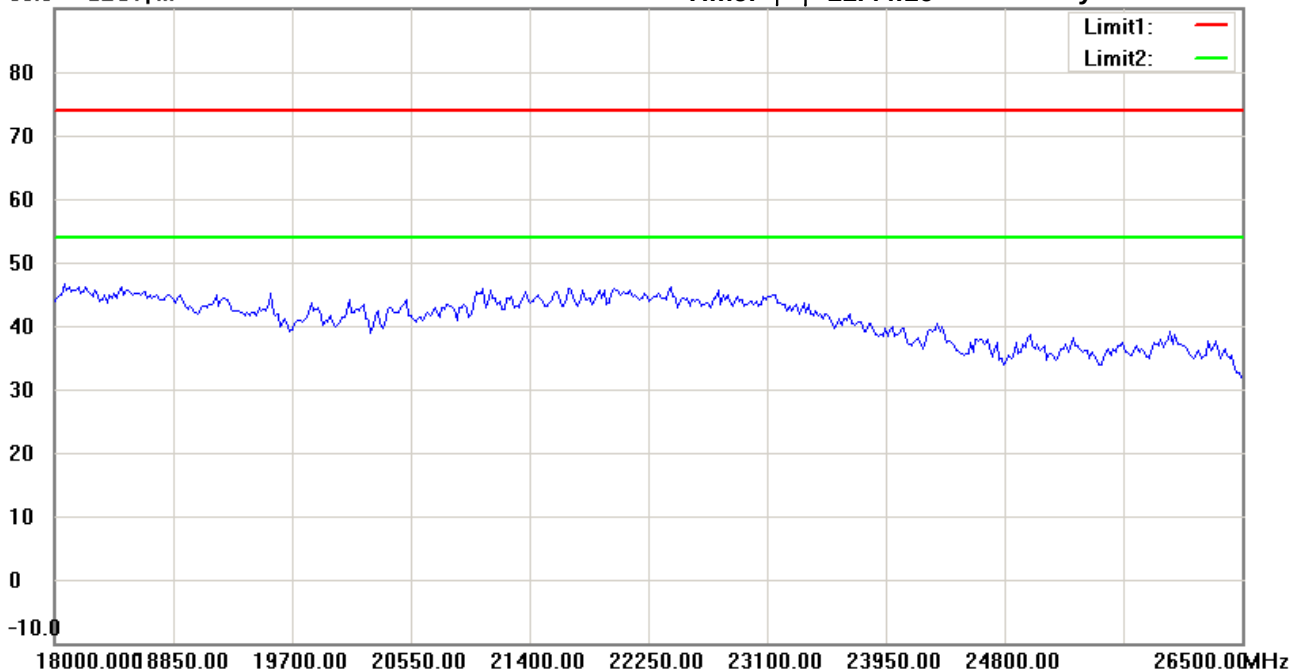
Date: 2016/5/26

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:44:16

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	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

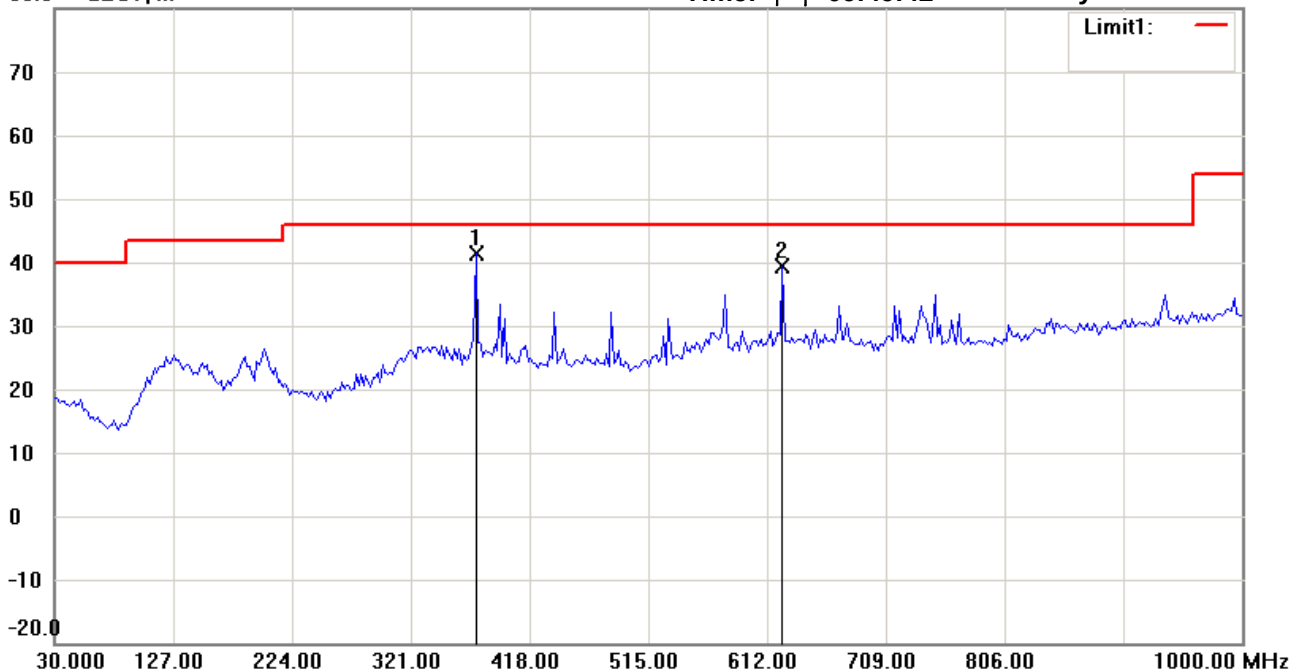
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:49:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	374.0681	45.59	peak	-4.14	41.45	46.00	100	155	-4.55	
	624.8297	39.45	peak	-0.12	39.33	46.00	100	65	-6.67	



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

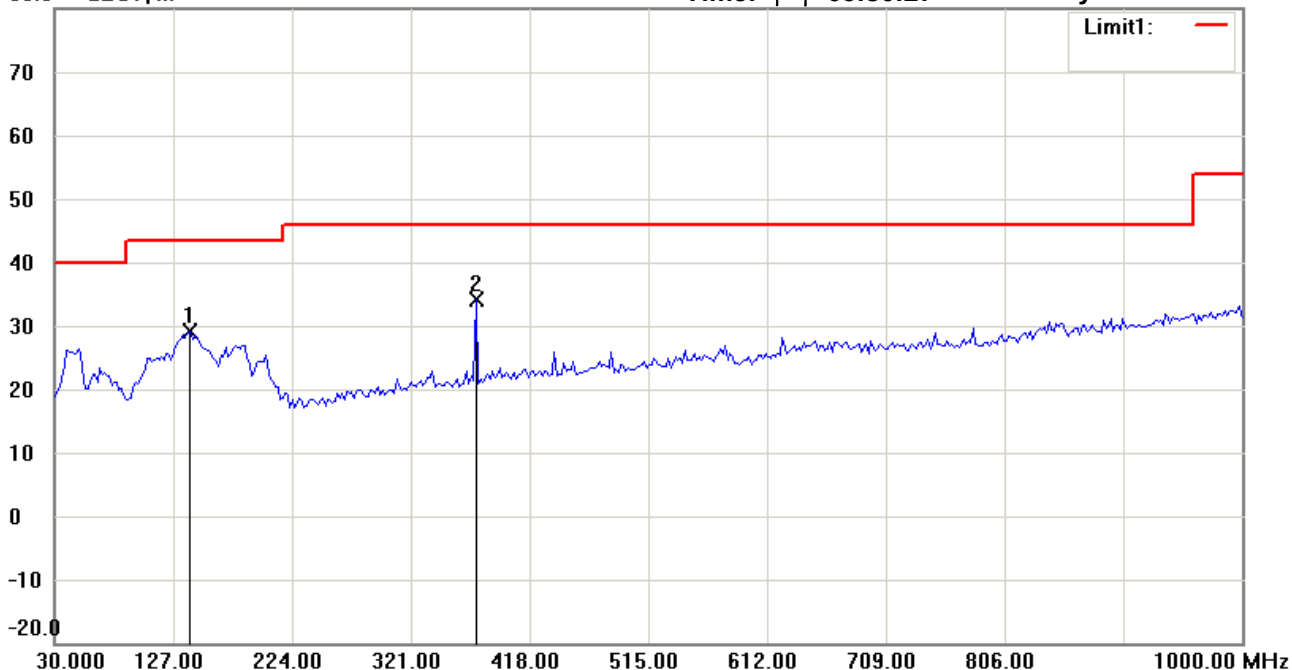
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:50:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	140.8015	35.91	peak	-6.78	29.13	43.50	100	175	-14.37	
*	374.0681	38.27	peak	-4.14	34.13	46.00	100	280	-11.87	

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



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

Operator: Roy

File :3

Data :#1

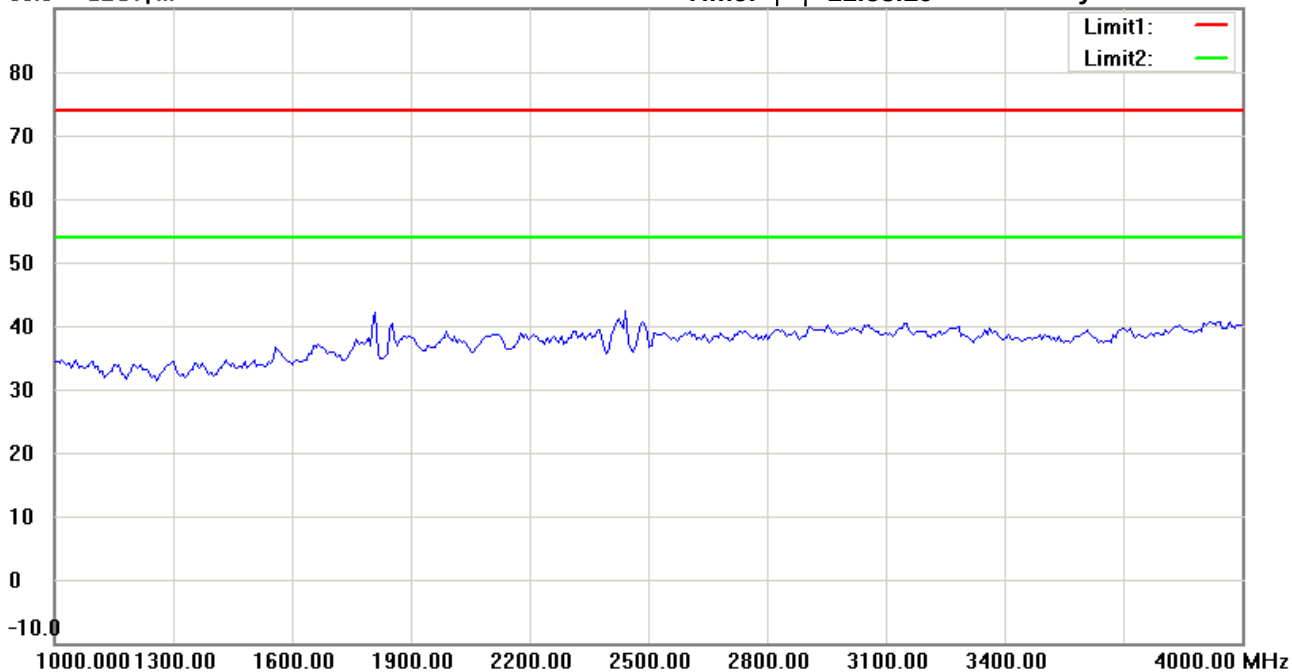
Date: 2016/5/26

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:58:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#6

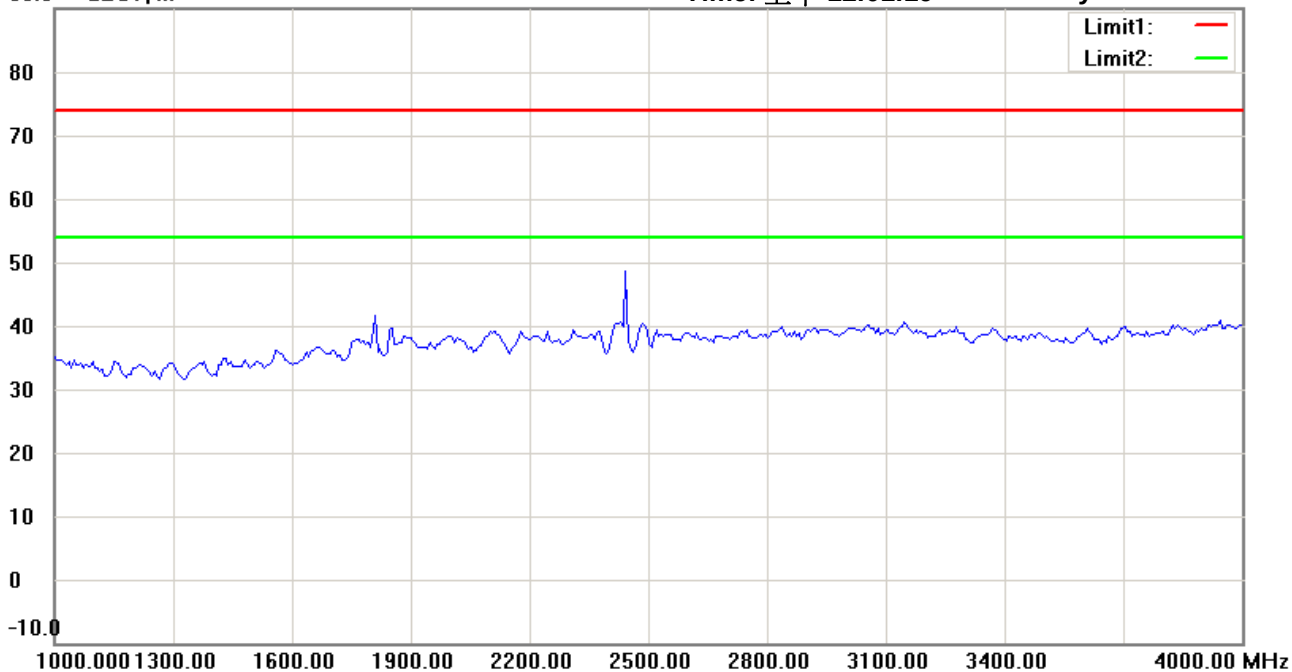
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:01:19

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#2

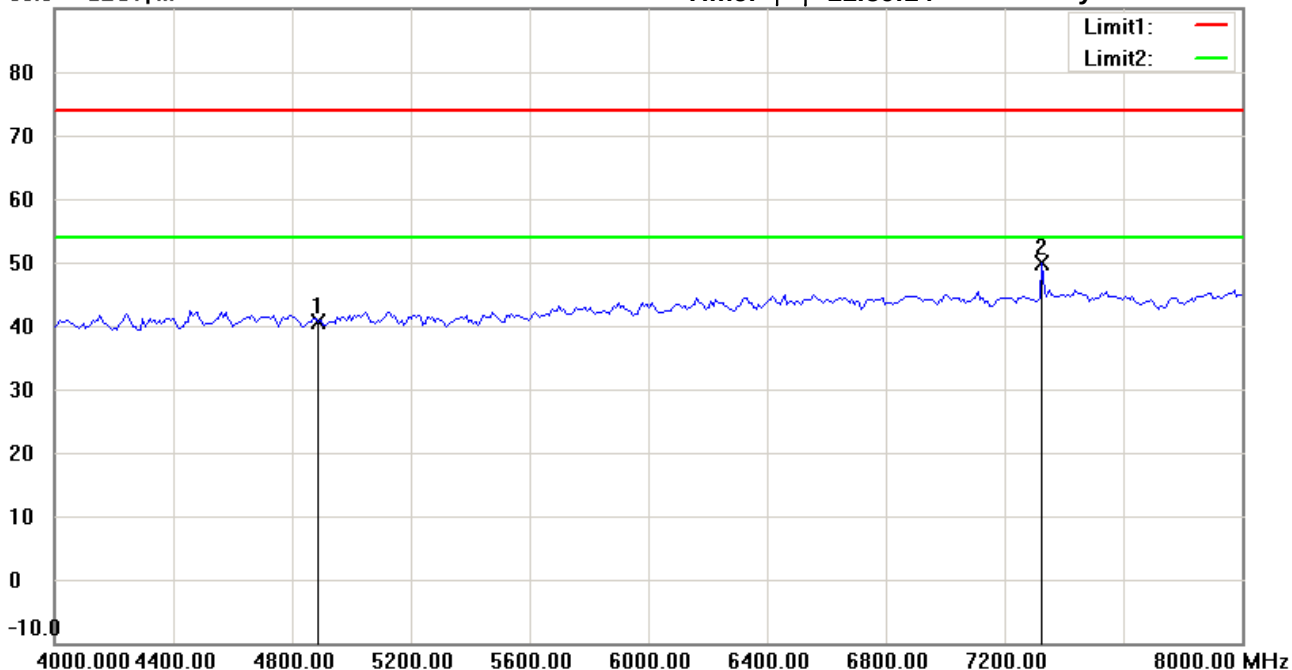
Date: 2016/5/26

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:59:14

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4882.000	41.06	peak	-0.49	40.57	74.00	100	230	-33.43	
*	7326.653	45.41	peak	4.54	49.95	74.00	100	150	-24.05	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

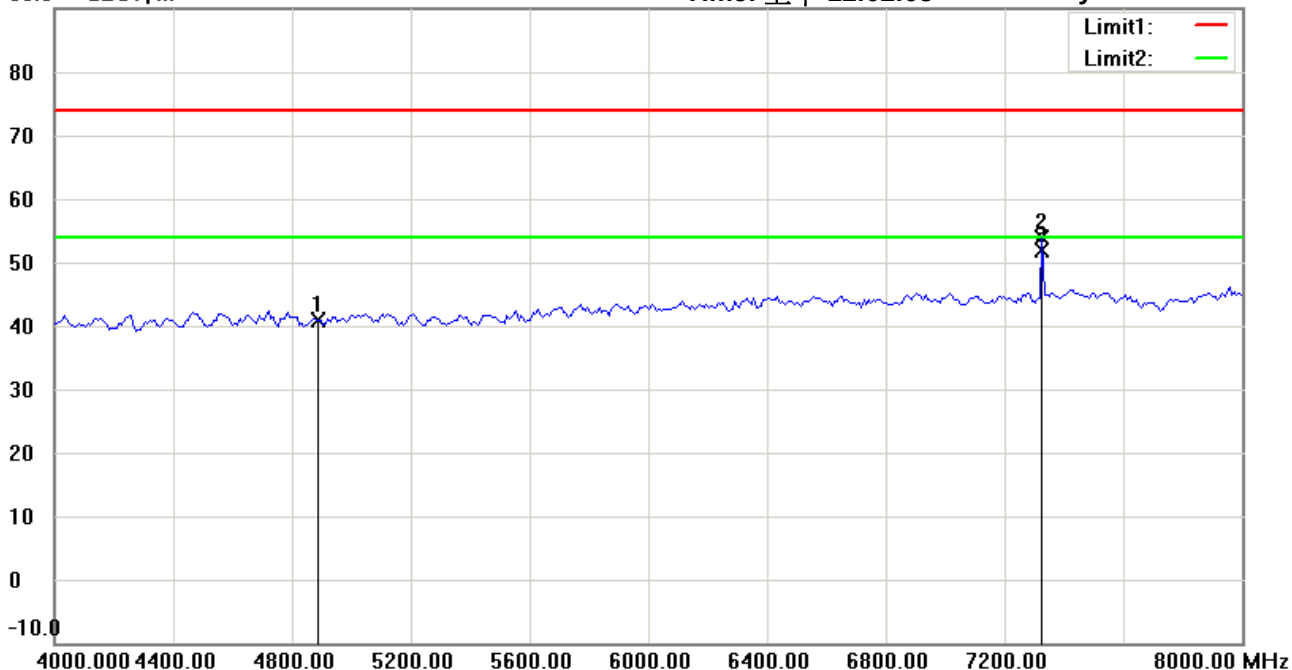
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:02:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4882.000	41.48	peak	-0.49	40.99	74.00	100	145	-33.01	
	7323.026	49.28	peak	4.51	53.79	74.00	110	210	-20.21	
*	7323.026	47.29	AVG	4.51	51.80	54.00	110	210	-2.20	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

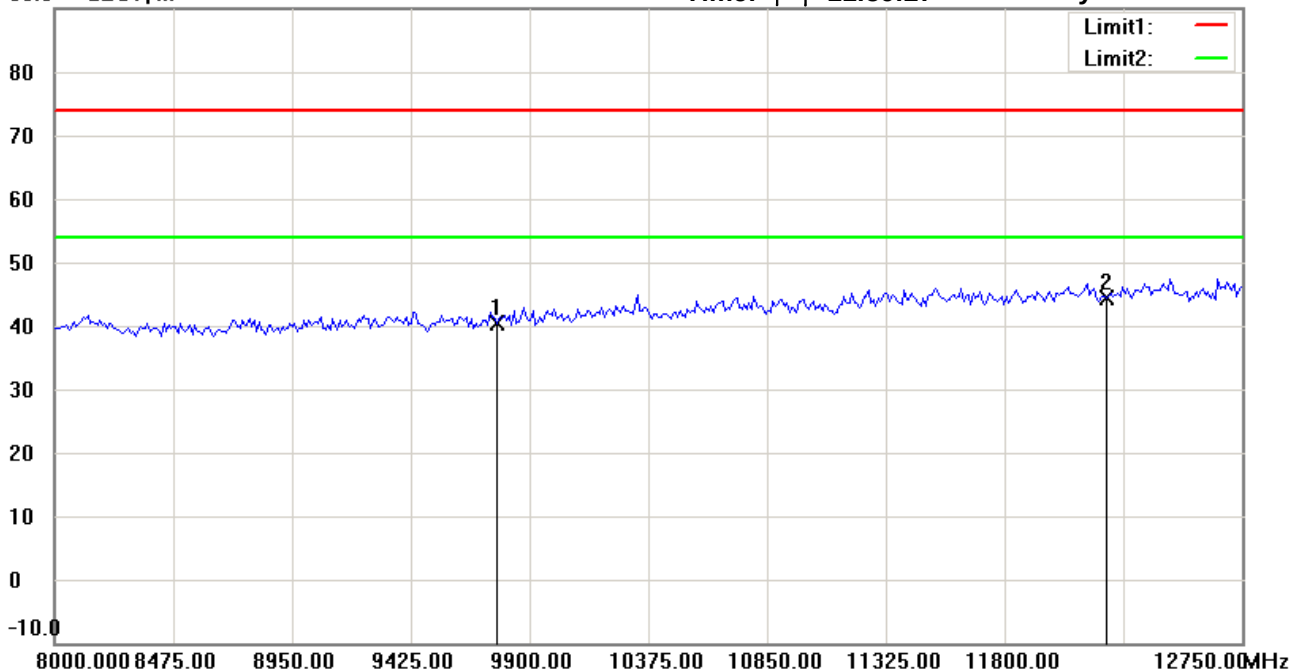
Date: 2016/5/26

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:59:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9764.000	32.99	peak	7.51	40.50	74.00	100	305	-33.50	
*	12205.000	30.57	peak	13.80	44.37	74.00	100	70	-29.63	

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



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

Operator: Roy

File :3

Data :#8

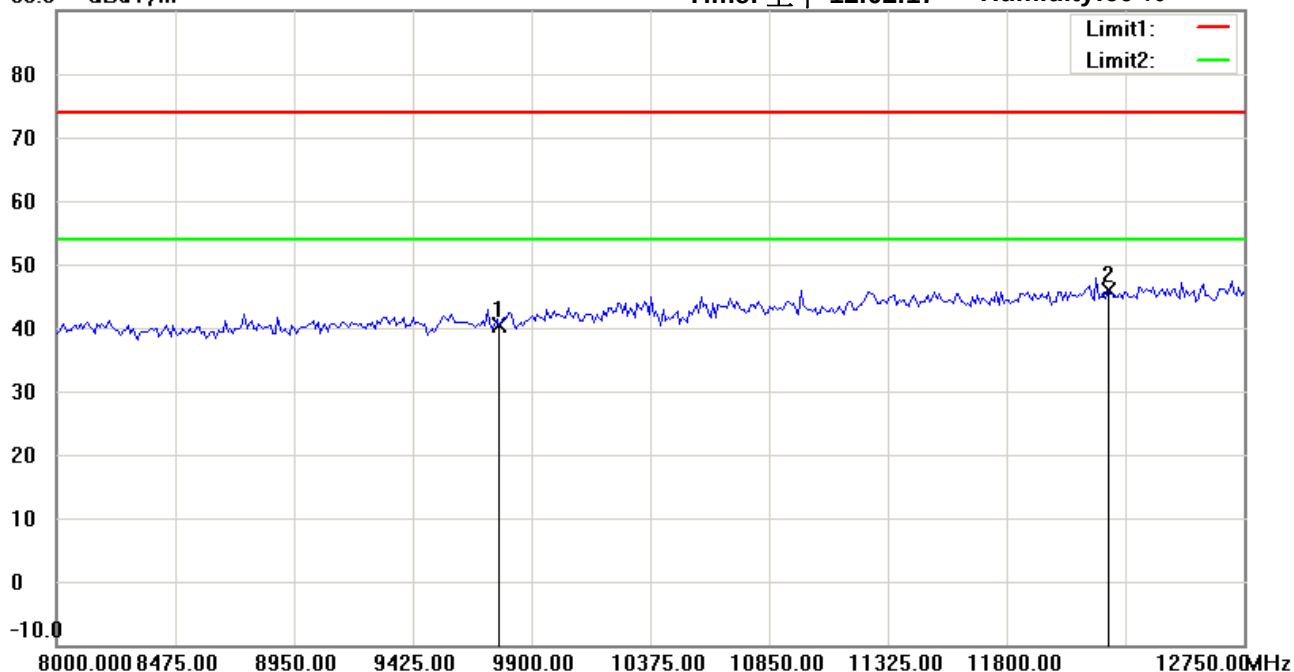
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:02:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9764.000	32.92	peak	7.51	40.43	74.00	100	55	-33.57	
*	12205.000	32.08	peak	13.80	45.88	74.00	100	160	-28.12	

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



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

Operator: Roy

File :3

Data :#4

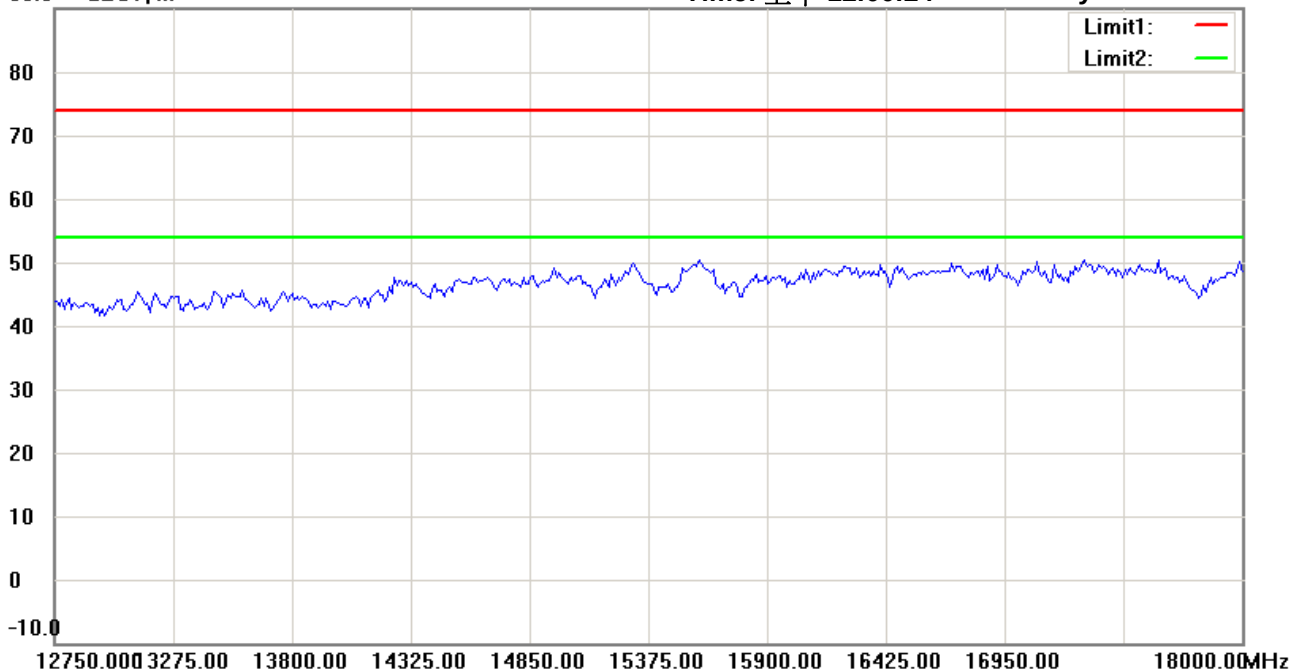
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:00:24

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Horizontal

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#9

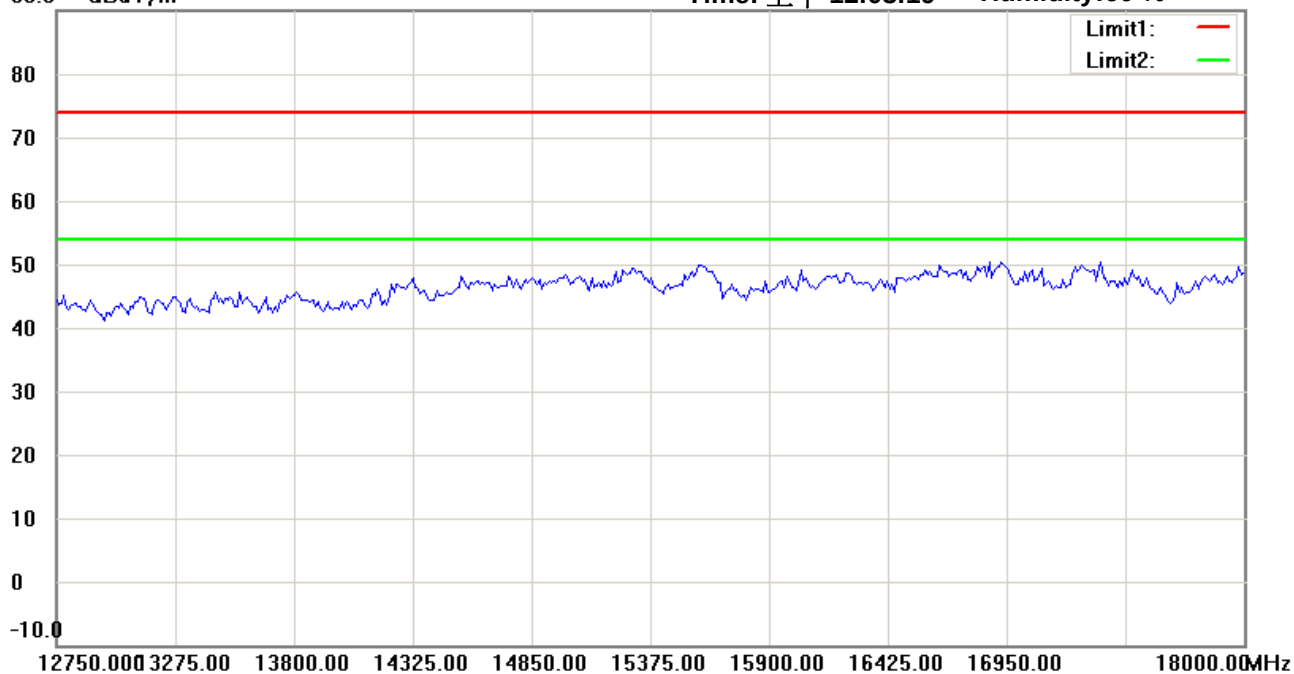
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:03:19

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#5

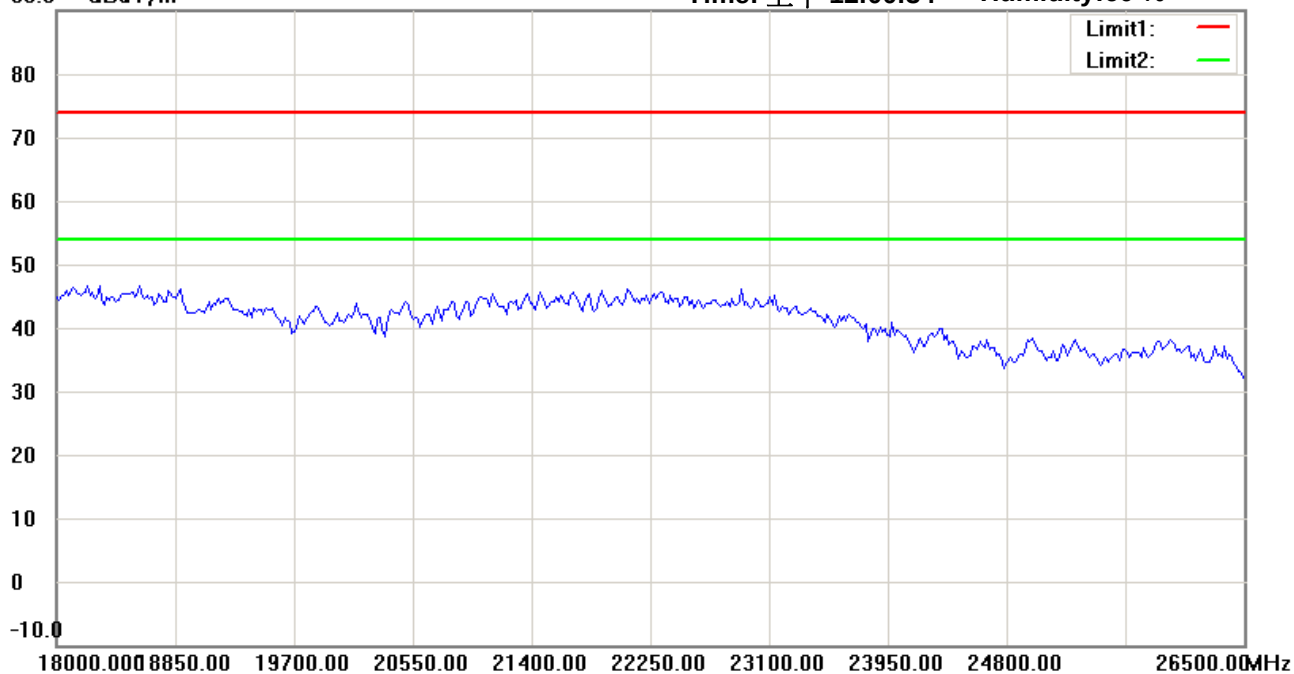
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:00:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#10

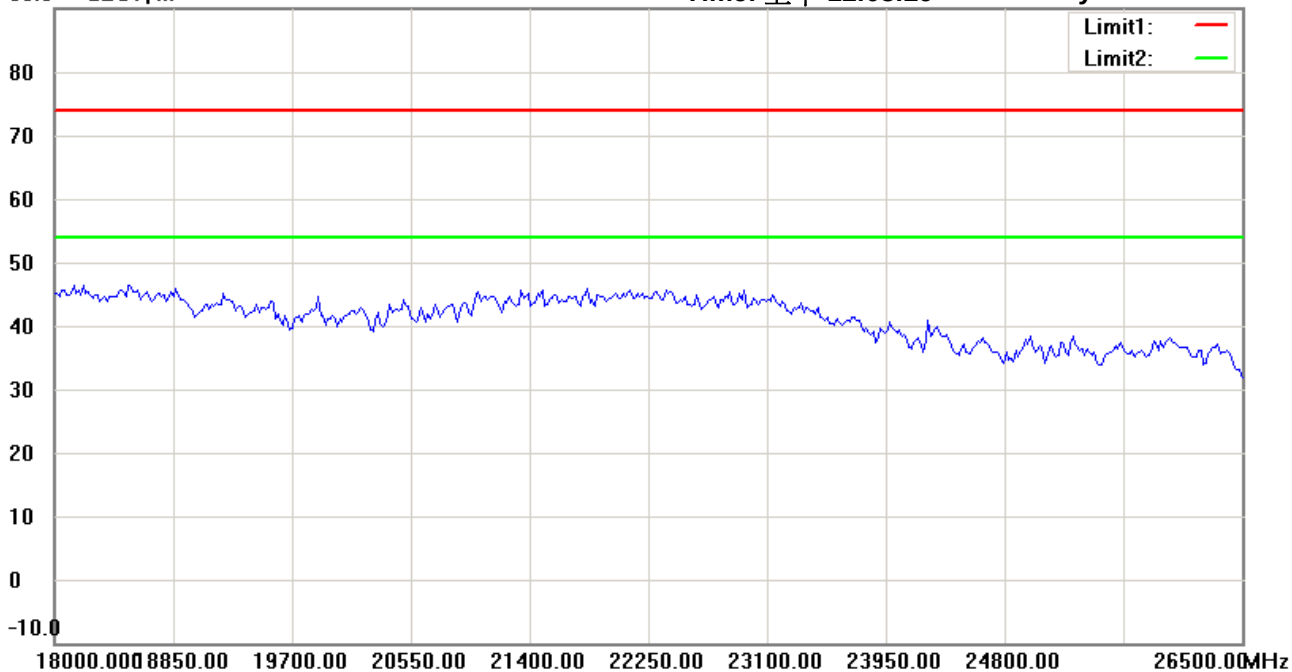
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:03:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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

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



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

Operator: Roy

File :1

Data :#1

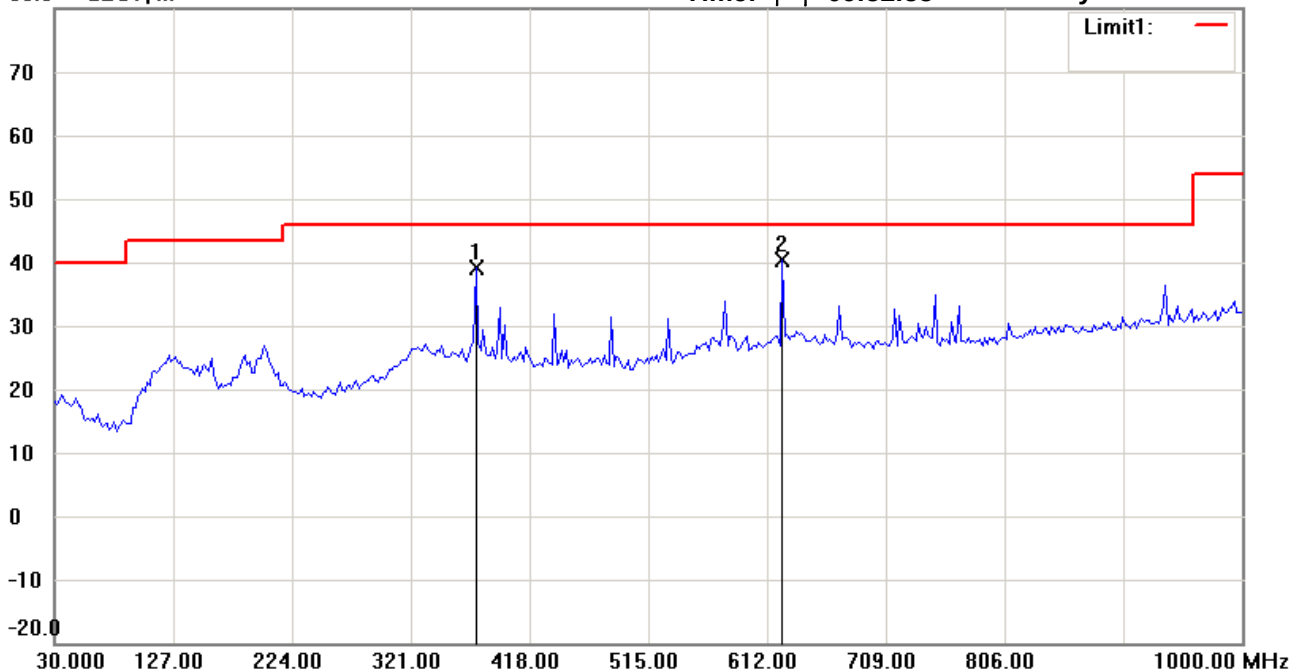
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:52:55

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	374.0681	43.16	peak	-4.14	39.02	46.00	100	70	-6.98	
*	624.8297	40.46	peak	-0.12	40.34	46.00	100	185	-5.66	

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



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

Operator: Roy

File :1

Data :#2

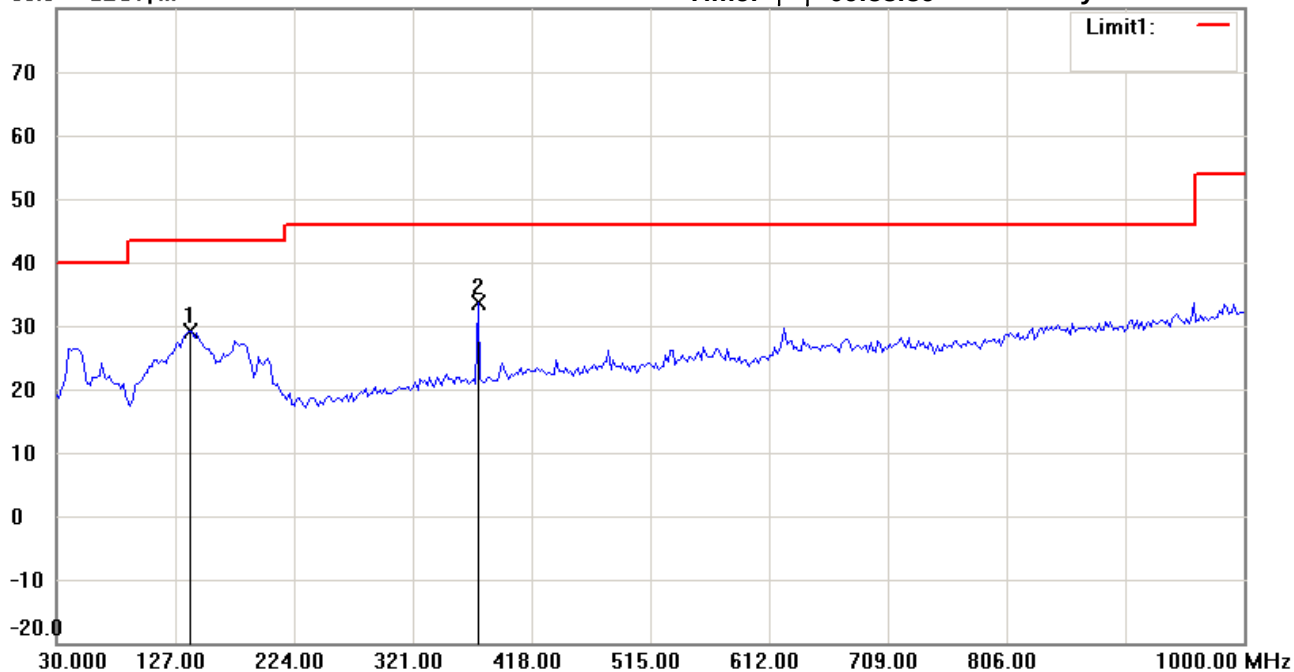
Date: 2016/7/20

Temperature: 24 °C

80.0 dBuV/m

Time: 下午 09:53:39

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	138.8577	35.67	peak	-6.65	29.02	43.50	100	90	-14.48	
*	374.0681	37.88	peak	-4.14	33.74	46.00	100	205	-12.26	

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



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

Operator: Roy

File :3

Data :#1

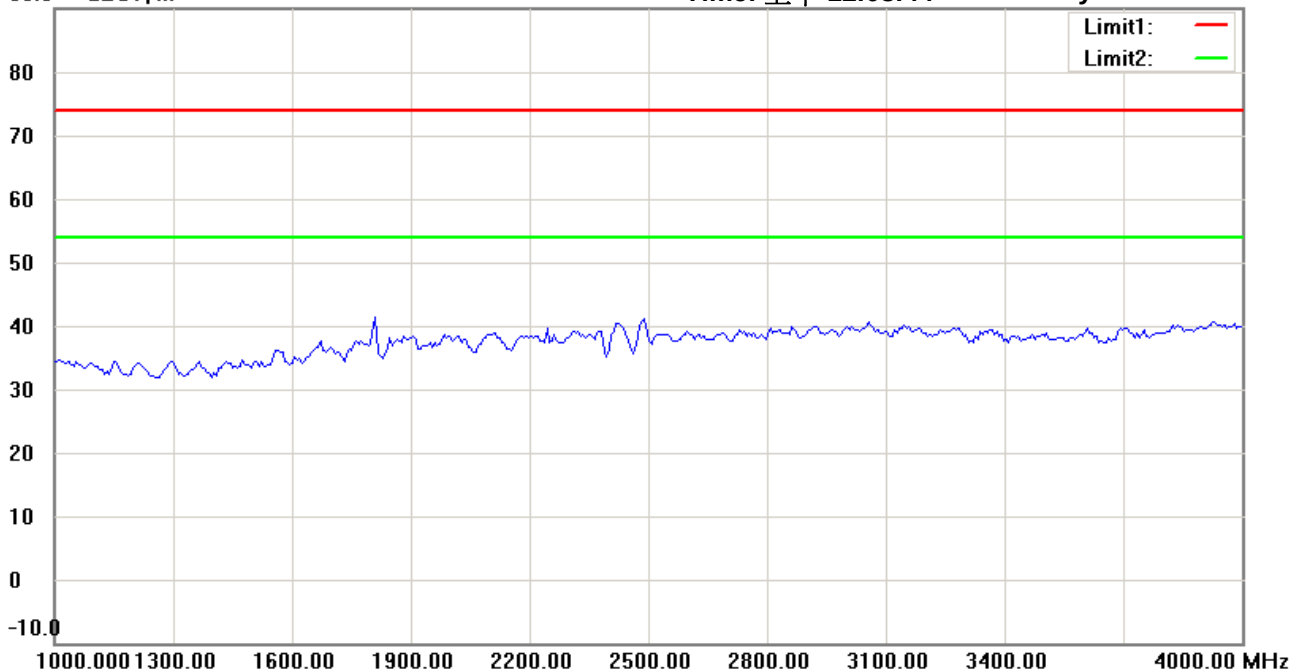
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:08:44

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

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

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



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

Operator: Roy

File :3

Data :#6

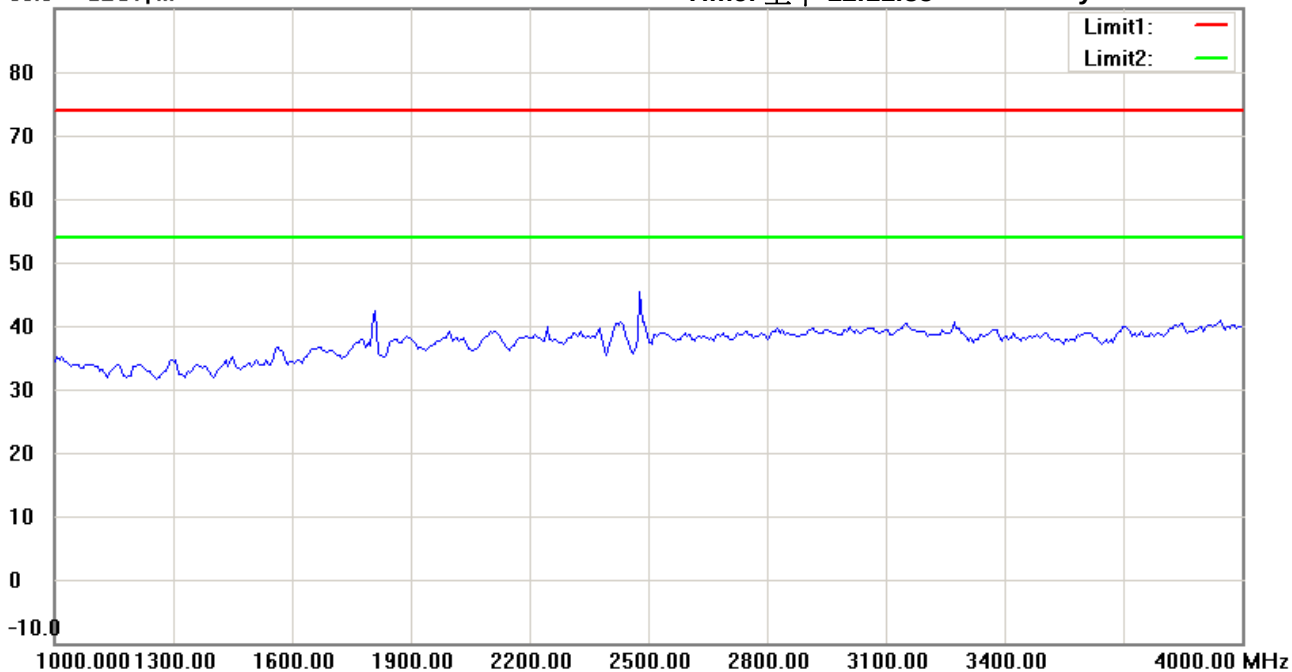
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:11:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

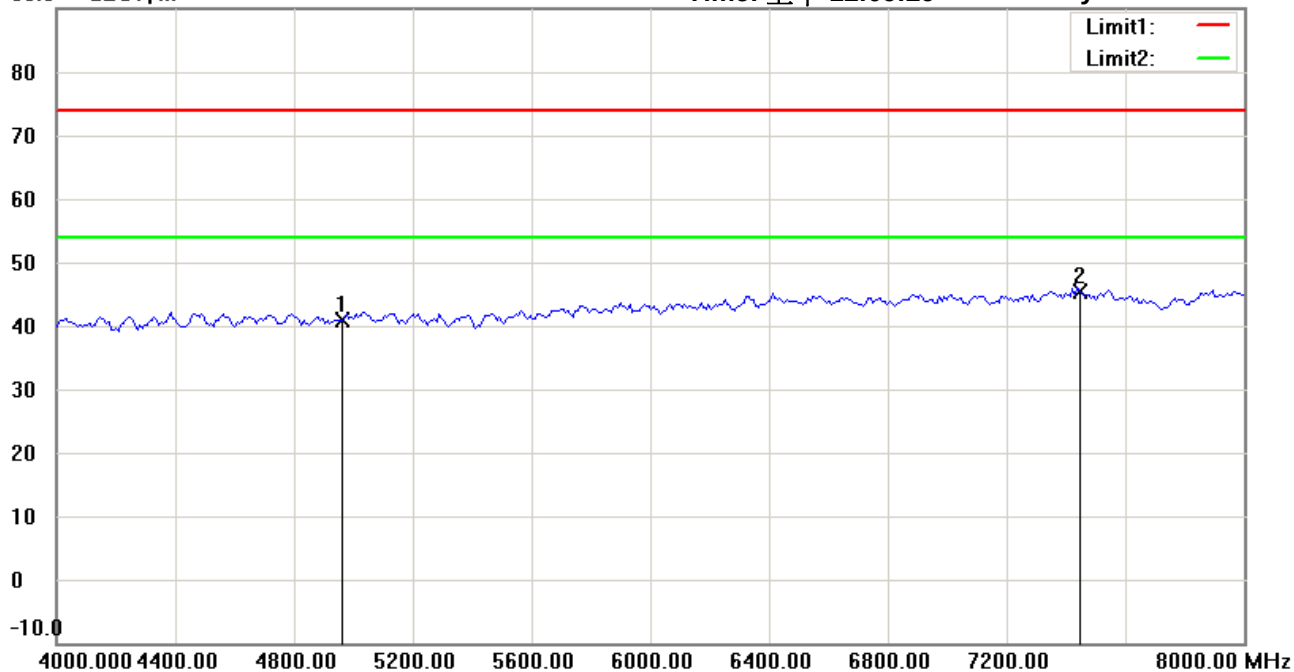
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:09:29

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	41.07	peak	-0.14	40.93	74.00	100	285	-33.07	
*	7440.000	40.49	peak	4.89	45.38	74.00	100	70	-28.62	

*: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: Roy

File : 3

Data : #7

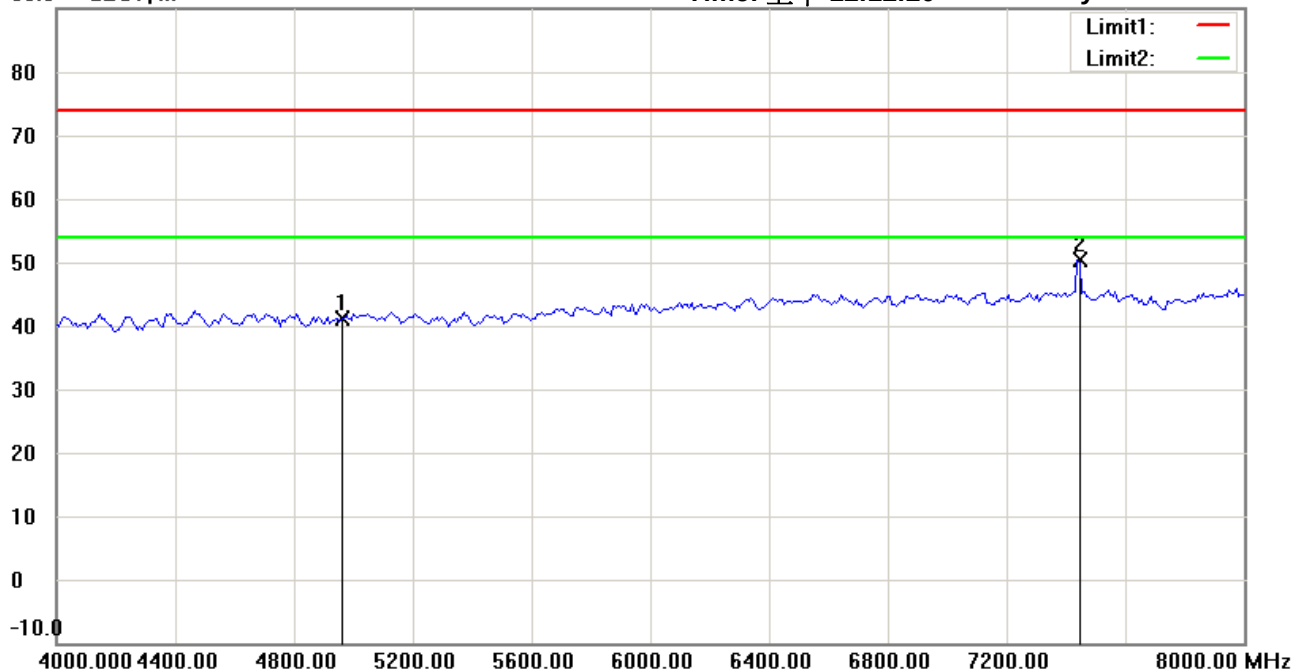
Date: 2016/5/27

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:12:20

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	41.30	peak	-0.14	41.16	74.00	100	115	-32.84	
*	7438.878	45.60	peak	4.89	50.49	74.00	100	100	-23.51	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

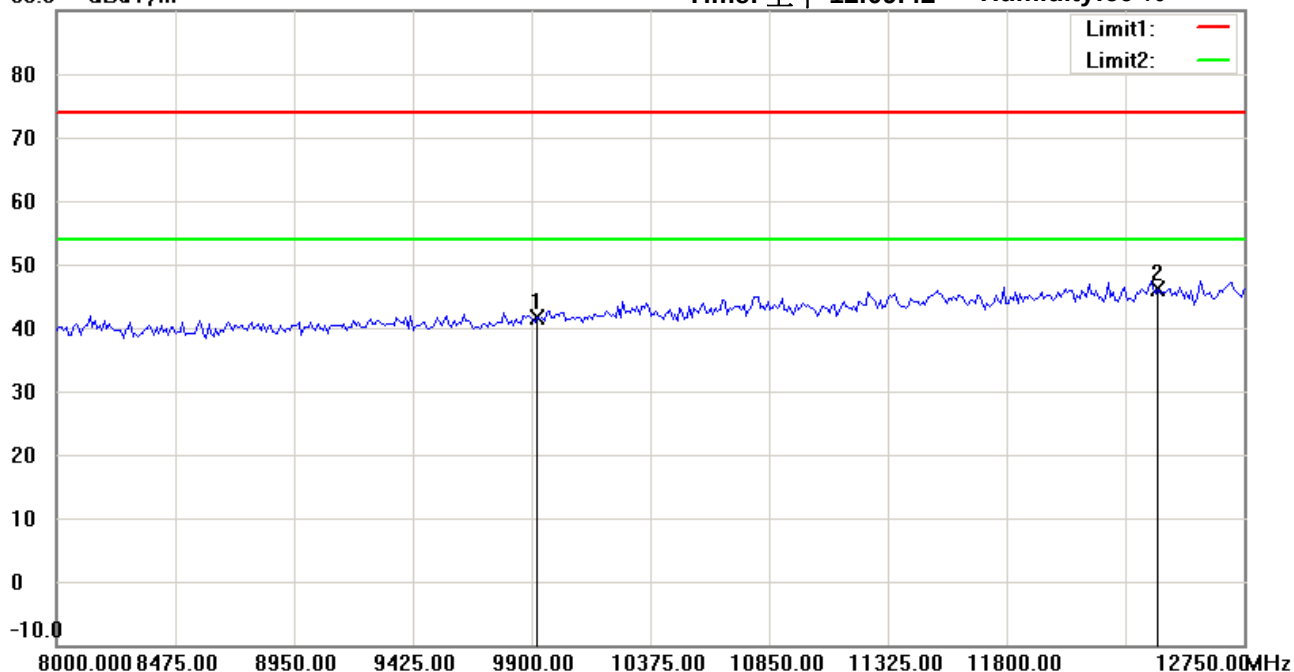
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:09:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	33.79	peak	7.83	41.62	74.00	100	125	-32.38	
*	12400.000	32.06	peak	13.99	46.05	74.00	100	60	-27.95	

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



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

Operator: Roy

File :3

Data :#8

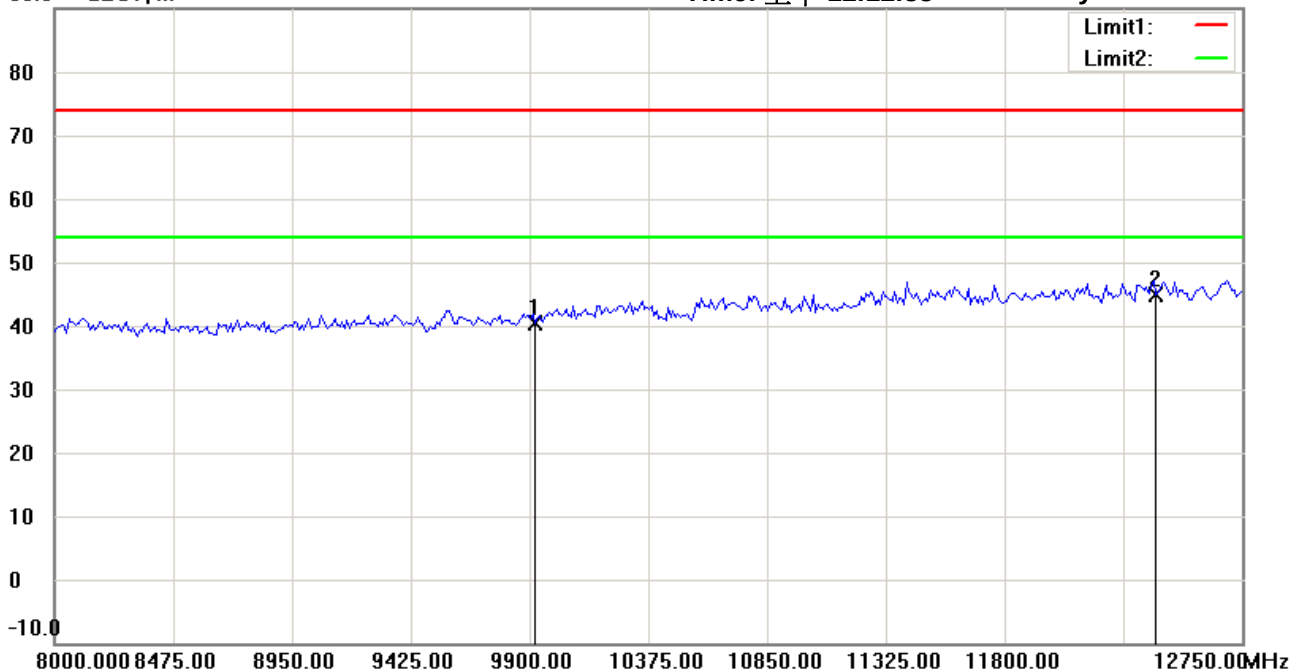
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:12:33

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	32.59	peak	7.83	40.42	74.00	100	240	-33.58	
*	12400.000	30.92	peak	13.99	44.91	74.00	100	155	-29.09	

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



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

Operator: Roy

File :3

Data :#4

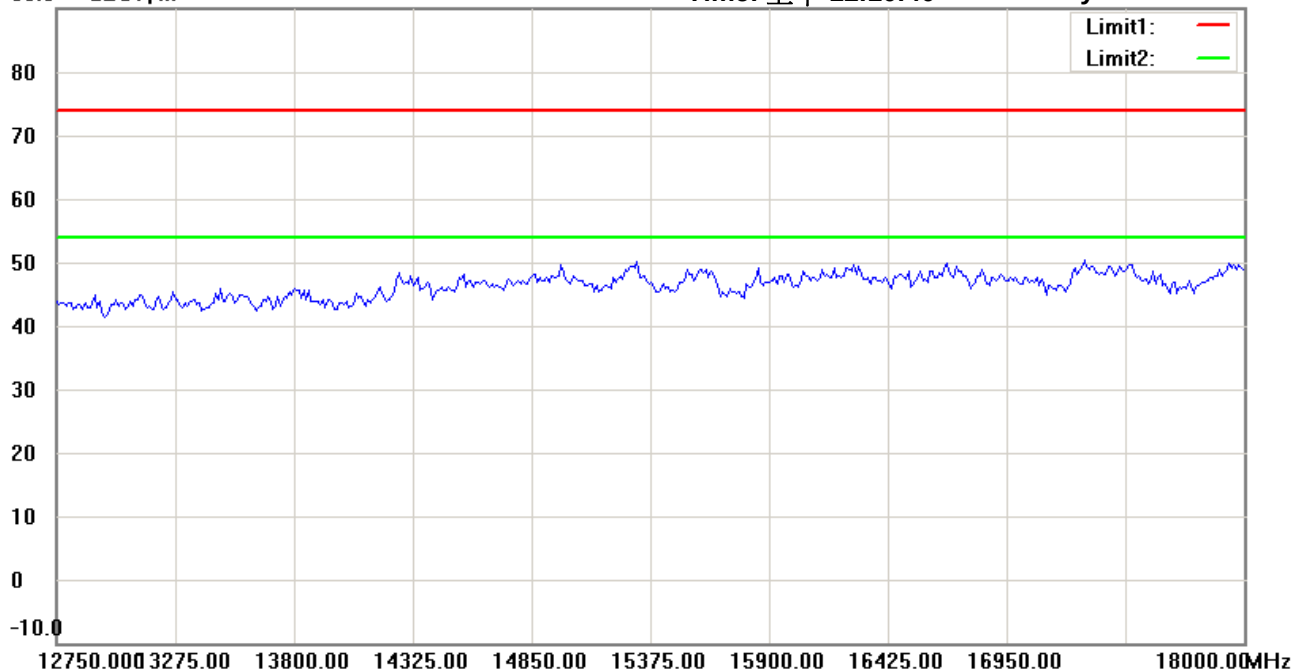
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:10:40

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Horizontal

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

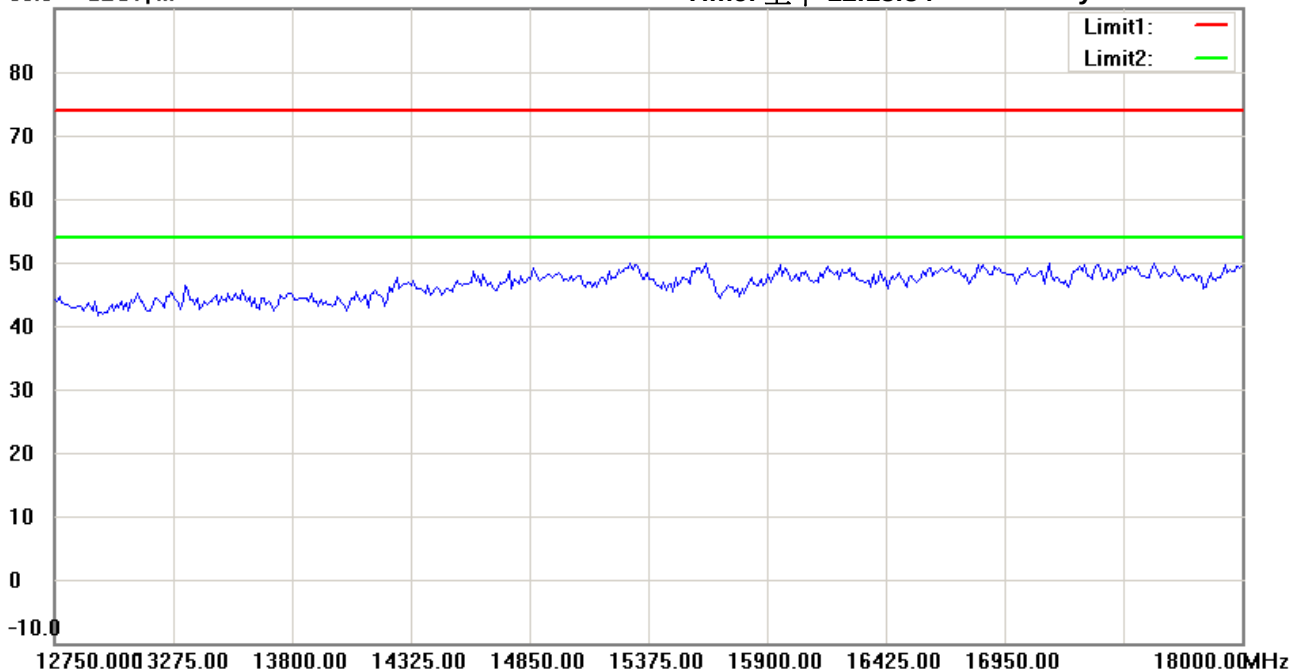
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:13:34

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Roy

File :3

Data :#5

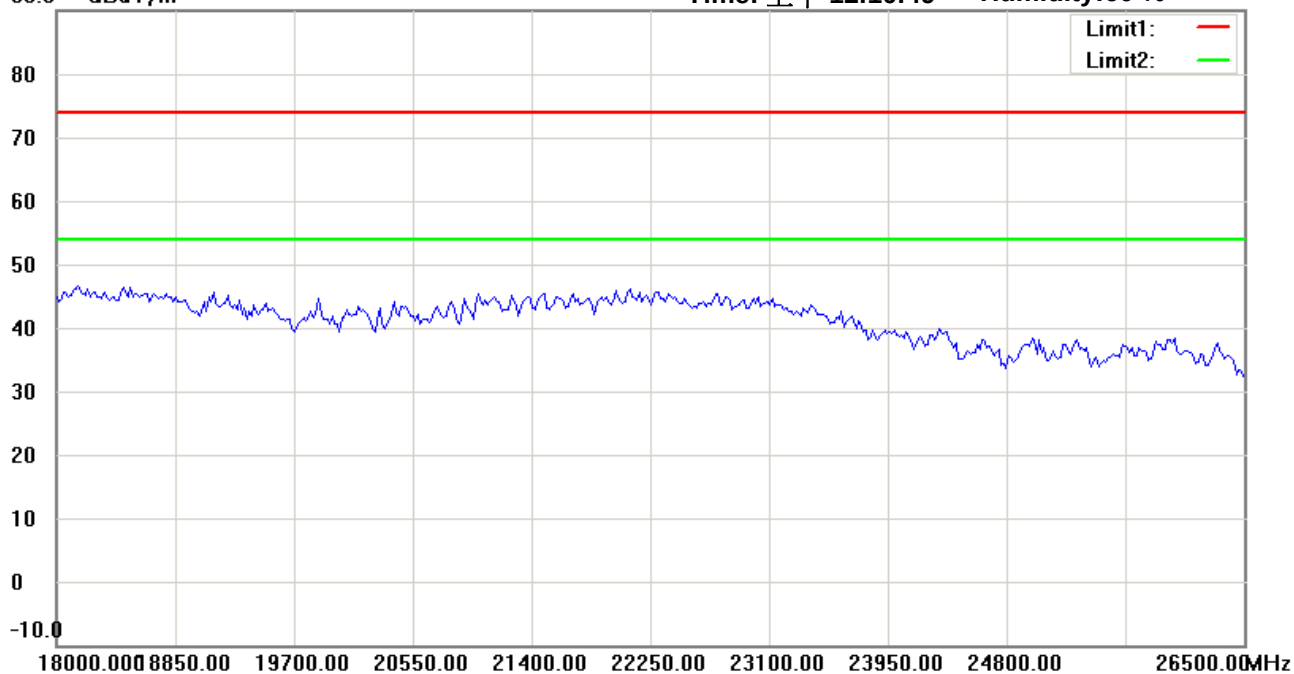
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:10:49

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	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

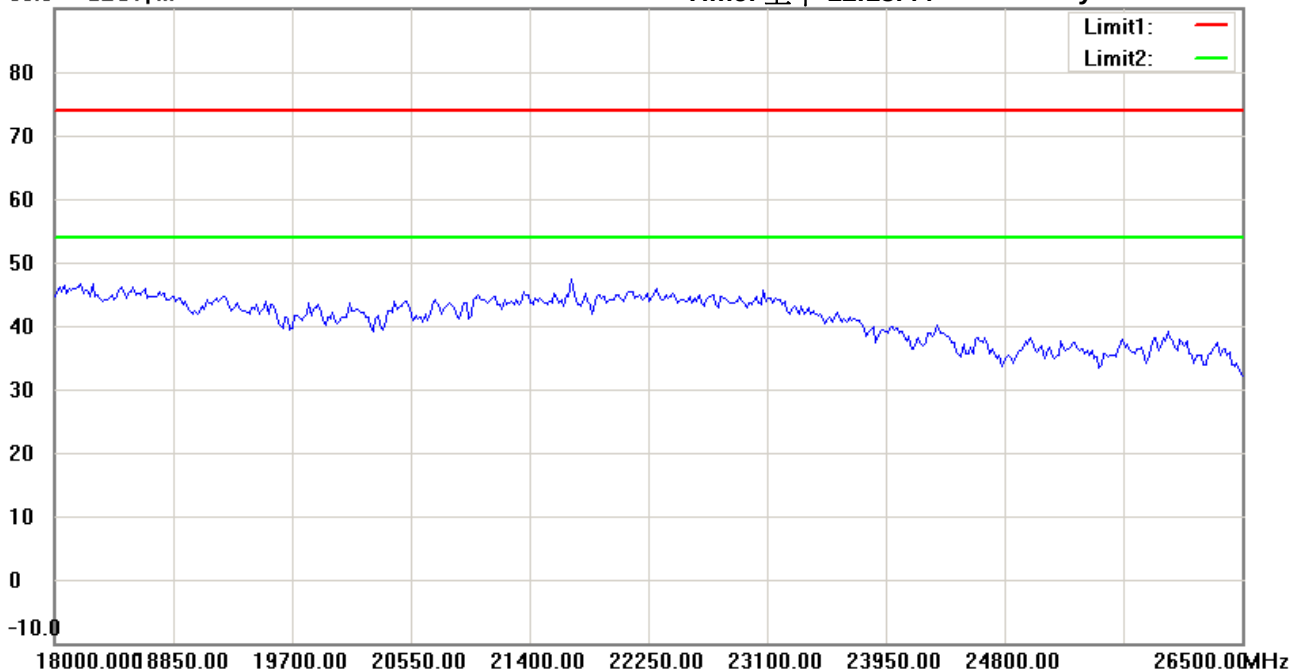
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:13:44

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Measurement diagrams

Spurious Emission Radiated _TX (BT4.0)



Radiated Emission Measurement

Operator: Roy

File :1

Data :#1

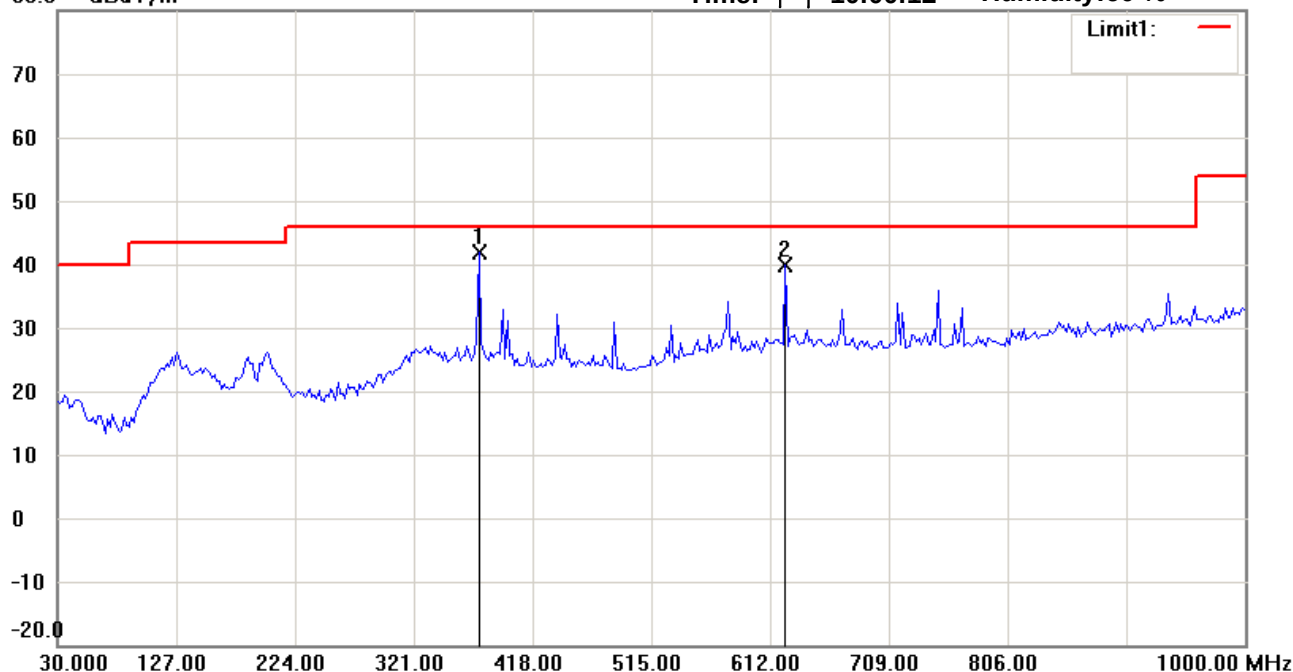
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:00:12

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	374.0681	46.06	peak	-4.14	41.92	46.00	100	175	-4.08	
	624.8297	40.02	peak	-0.12	39.90	46.00	100	95	-6.10	



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

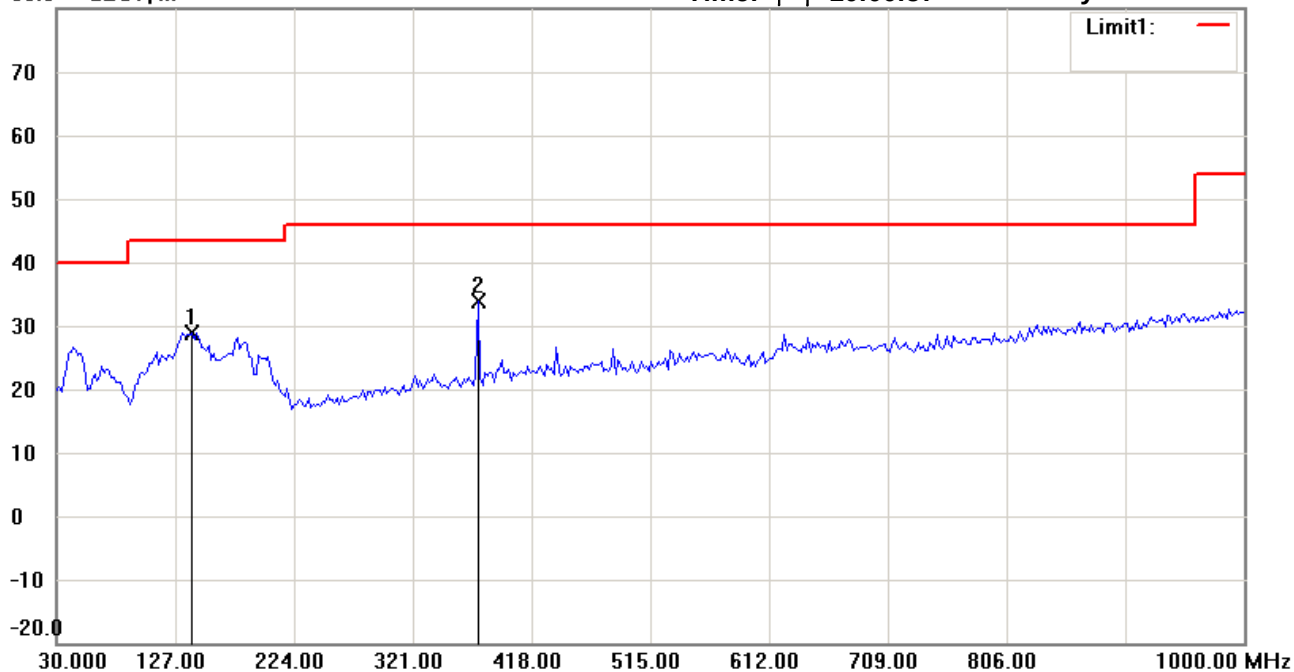
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 10:00:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	140.8015	35.65	peak	-6.78	28.87	43.50	100	50	-14.63	
*	374.0681	38.06	peak	-4.14	33.92	46.00	100	225	-12.08	

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



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

Operator: Roy

File :3

Data :#1

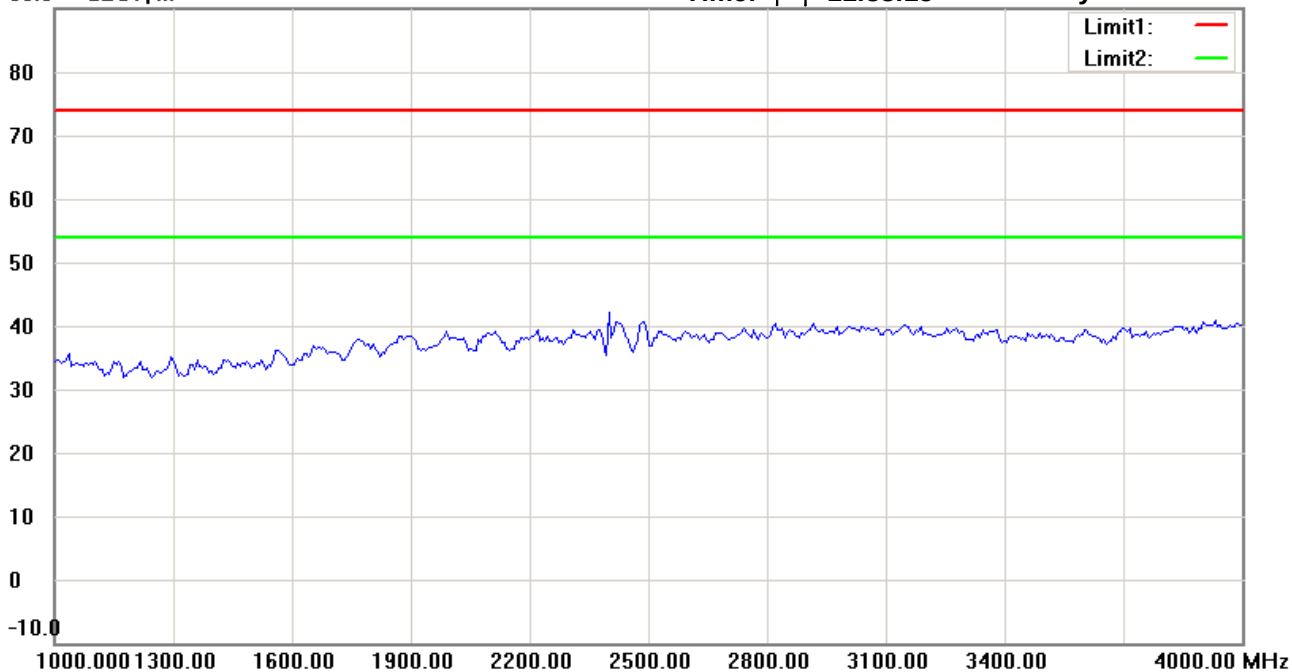
Date: 2016/5/25

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:38:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	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

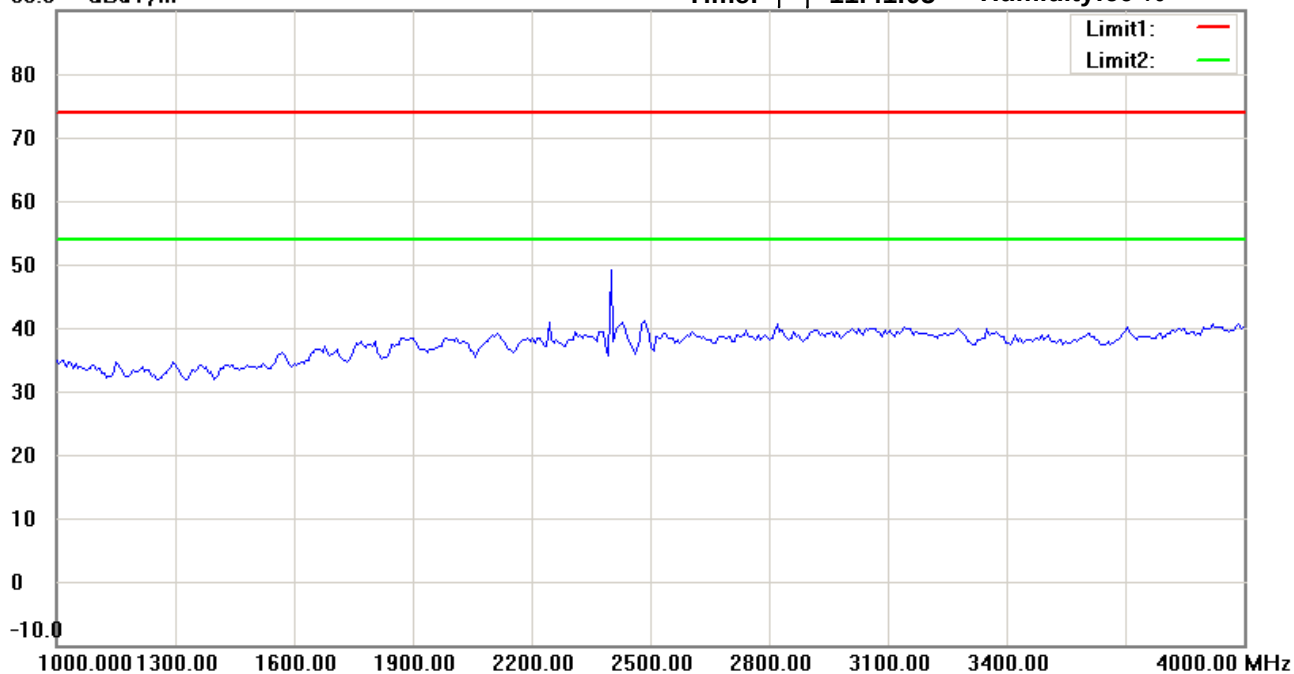
Date: 2016/5/25

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:41:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	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

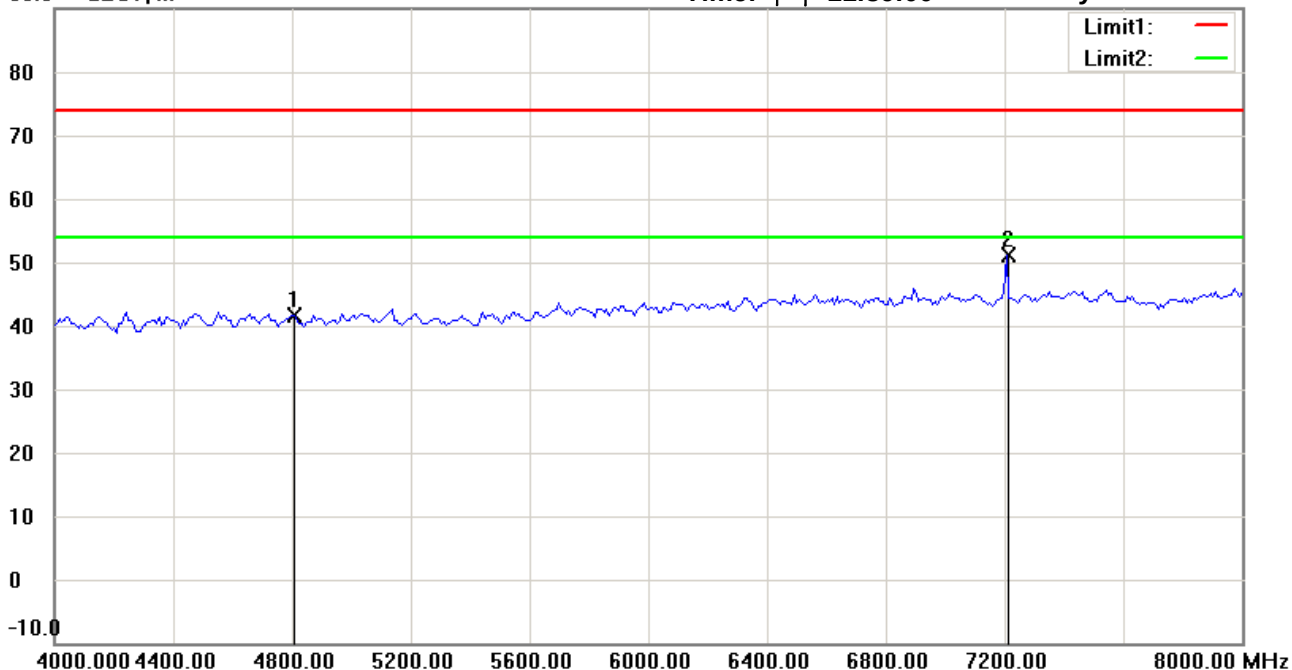
Date: 2016/5/25

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:39:00

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.11	peak	-0.59	41.52	74.00	100	80	-32.48	
*	7206.413	46.84	peak	4.26	51.10	74.00	100	195	-22.90	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

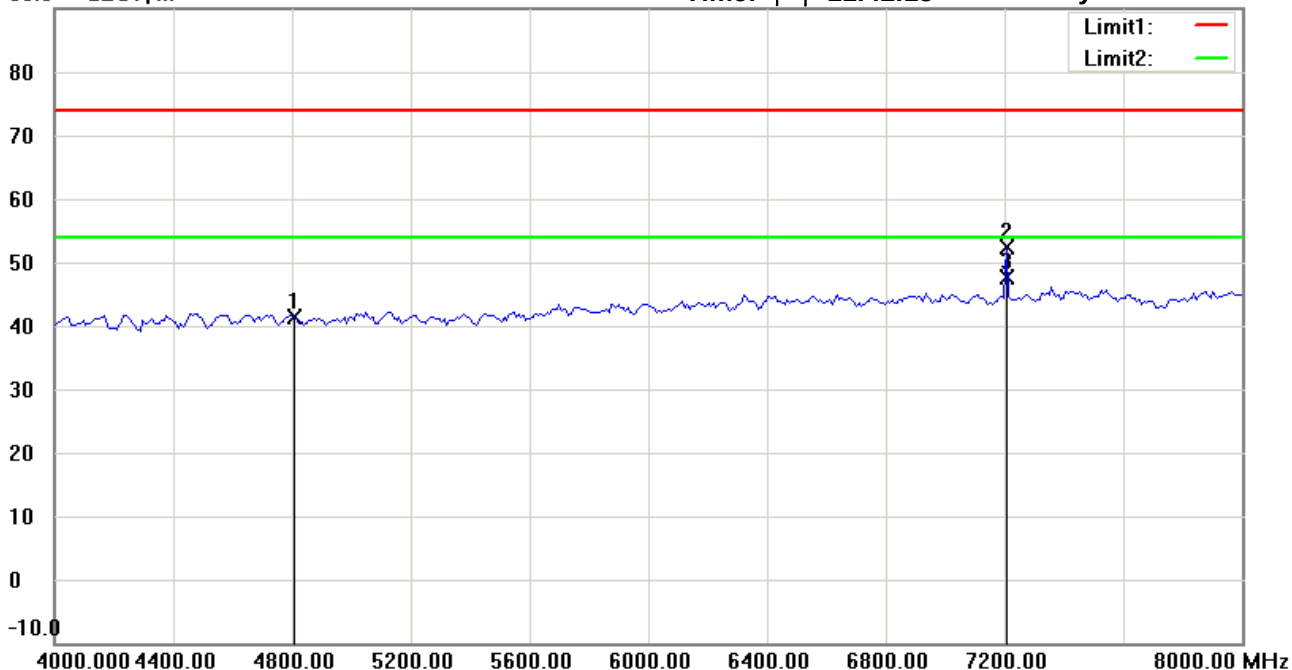
Date: 2016/5/25

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:42:15

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	41.87	peak	-0.59	41.28	74.00	100	40	-32.72	
	7206.042	48.18	peak	4.26	52.44	74.00	100	160	-21.56	
*	7206.042	43.33	AVG	4.26	47.59	54.00	100	160	-6.41	

*: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: Roy

File :3

Data :#3

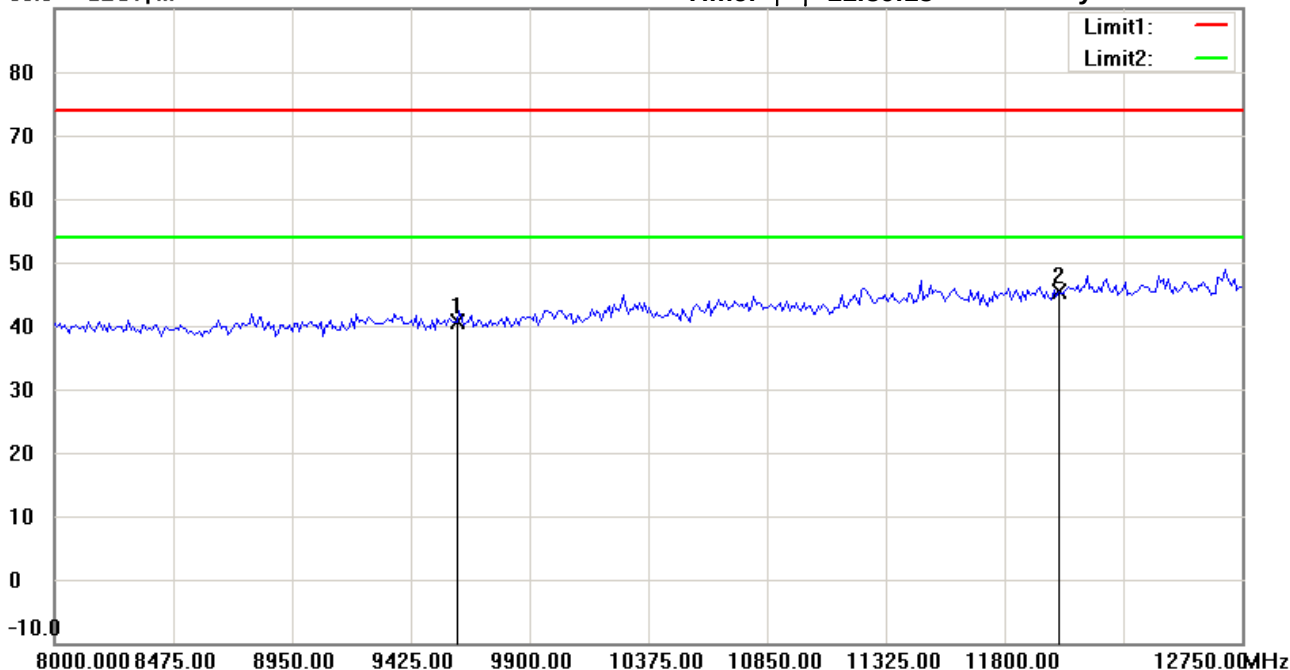
Date: 2016/5/25

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:39:13

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	32.98	peak	7.59	40.57	74.00	100	235	-33.43	
*	12010.000	32.97	peak	12.47	45.44	74.00	100	70	-28.56	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

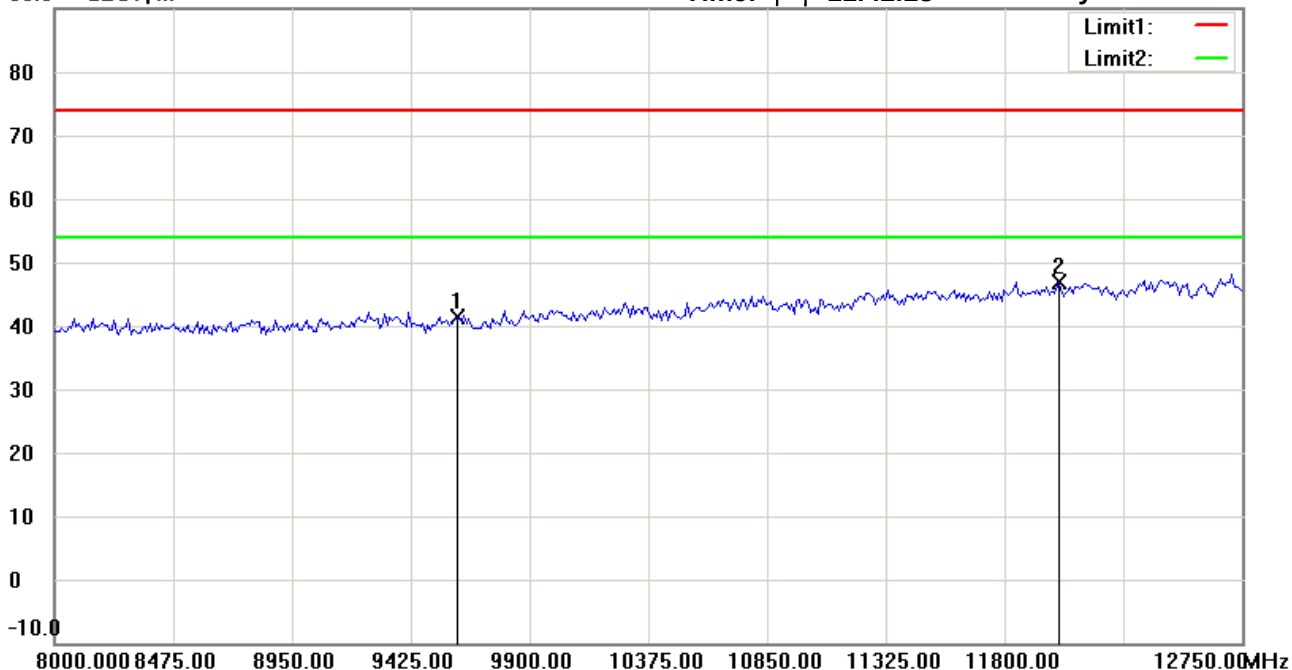
Date: 2016/5/25

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:42:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	33.90	peak	7.59	41.49	74.00	100	120	-32.51	
*	12010.000	34.35	peak	12.47	46.82	74.00	100	35	-27.18	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

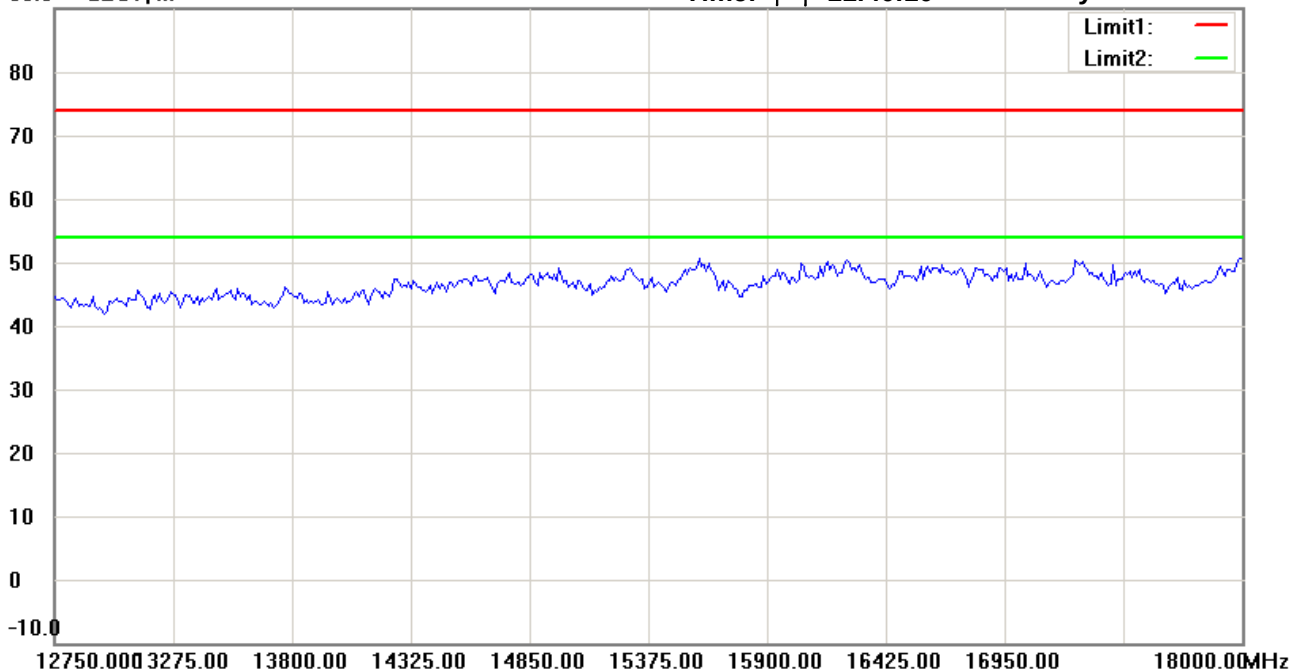
Date: 2016/5/25

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:40:10

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

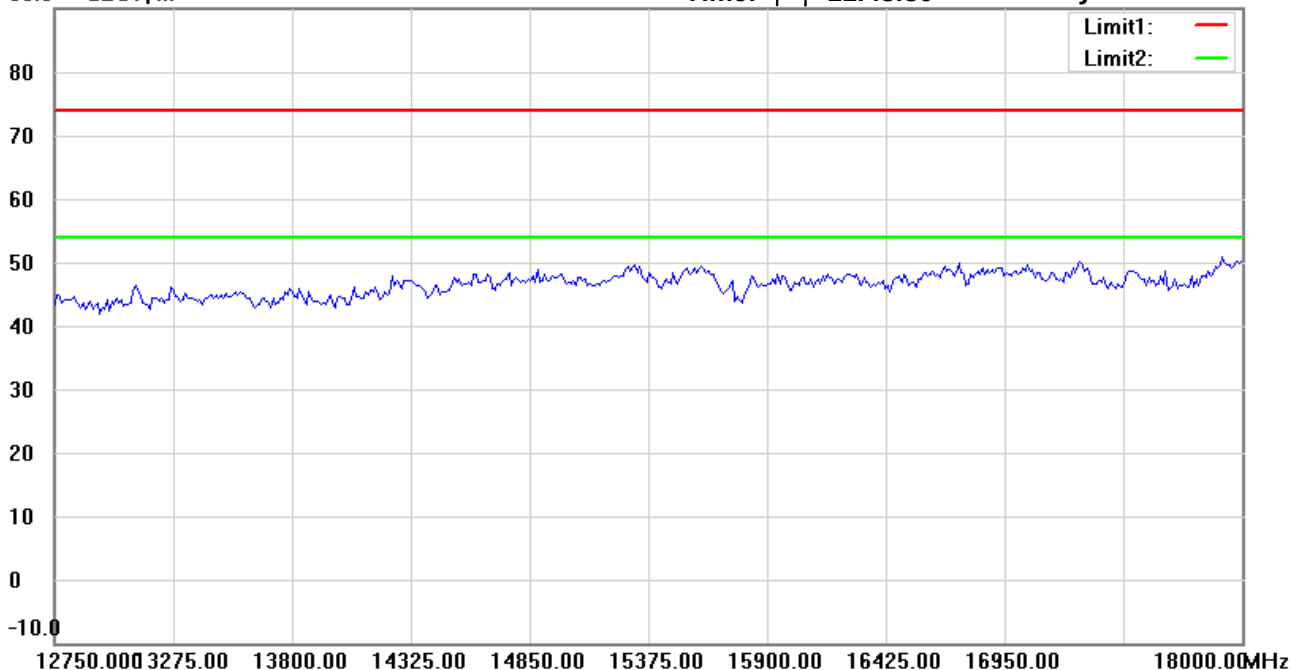
Date: 2016/5/25

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:43:30

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

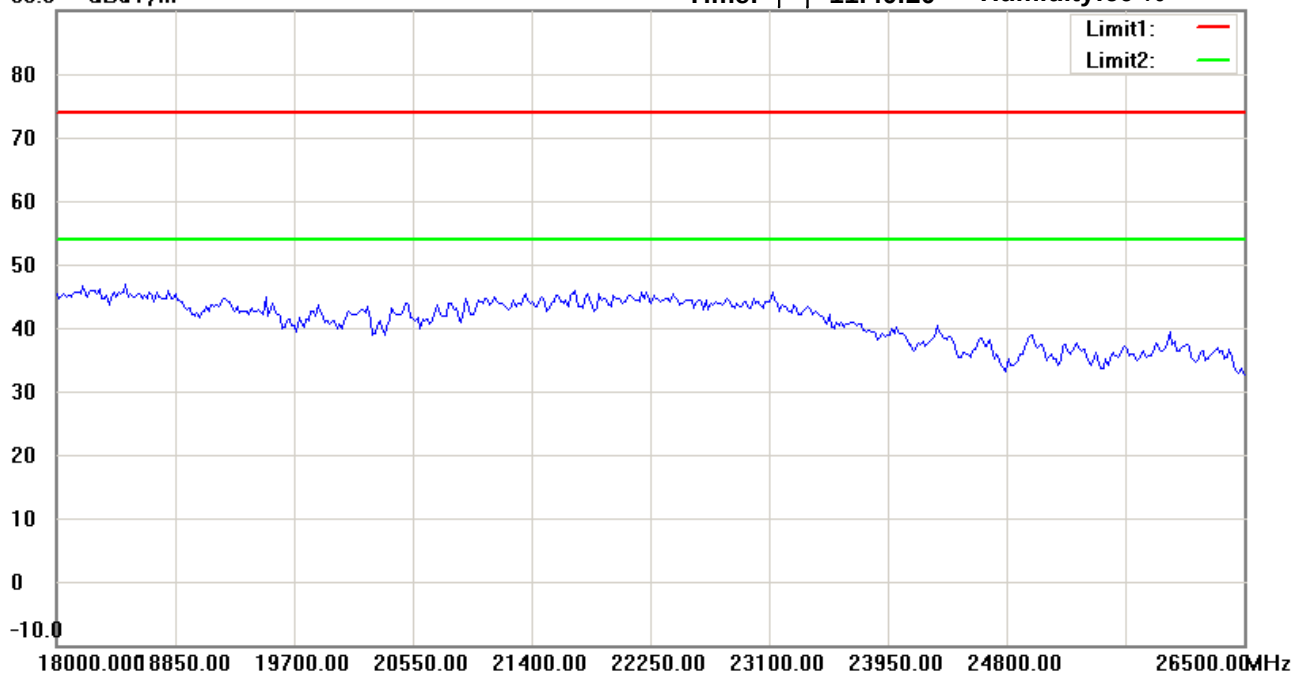
Date: 2016/5/25

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:40:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

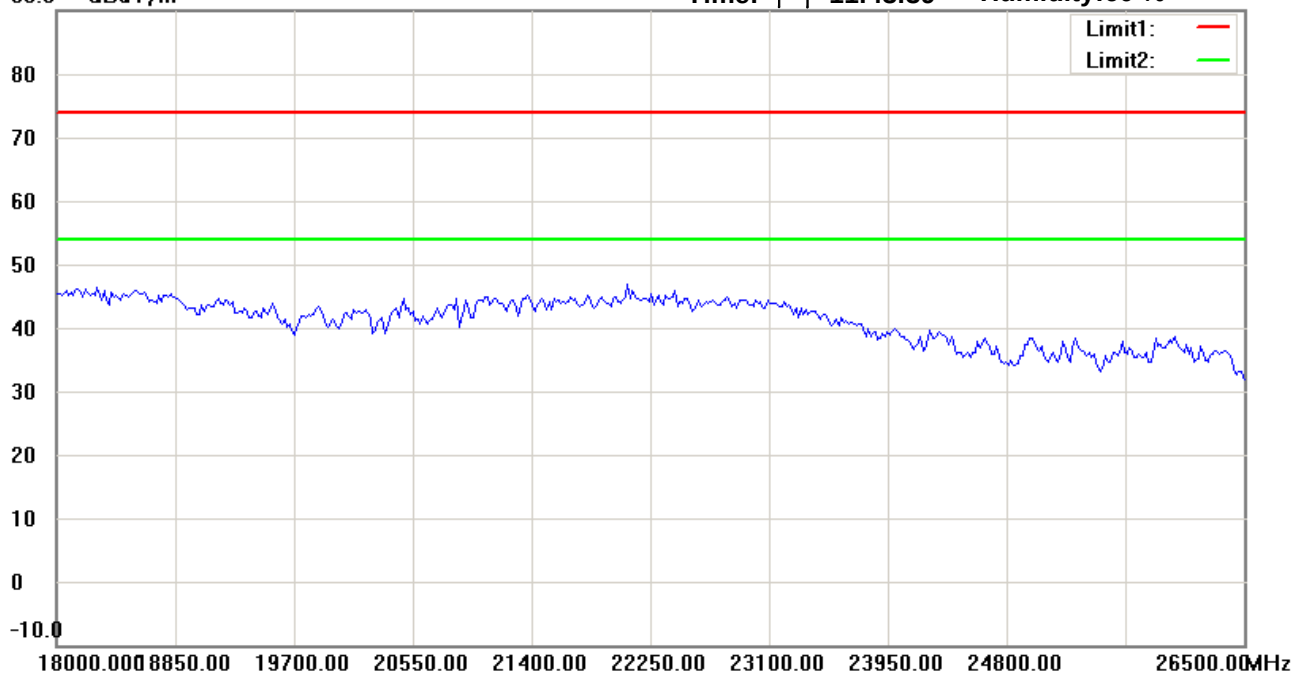
Date: 2016/5/25

Temperature:24 °C

90.0 dBuV/m

Time: 下午 11:43:39

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	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

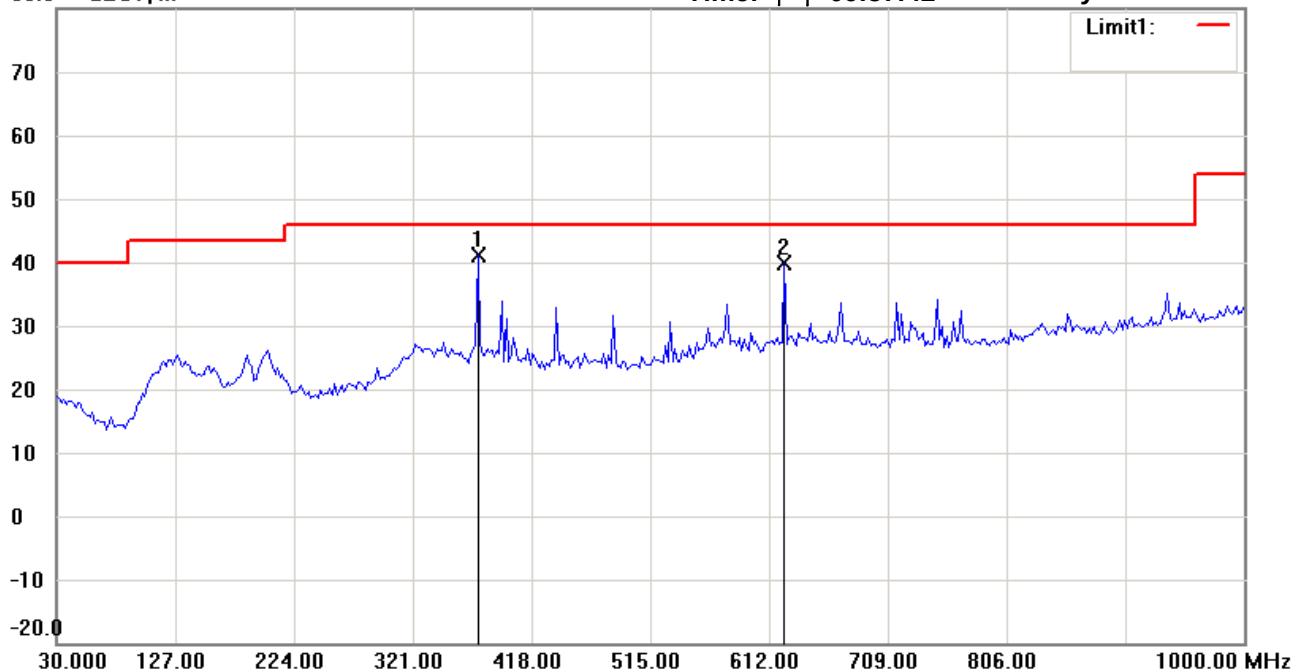
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:57:42

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	374.0681	45.28	peak	-4.14	41.14	46.00	100	160	-4.86	
	624.8297	39.88	peak	-0.12	39.76	46.00	100	35	-6.24	



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

Operator: Roy

File :1

Data :#2

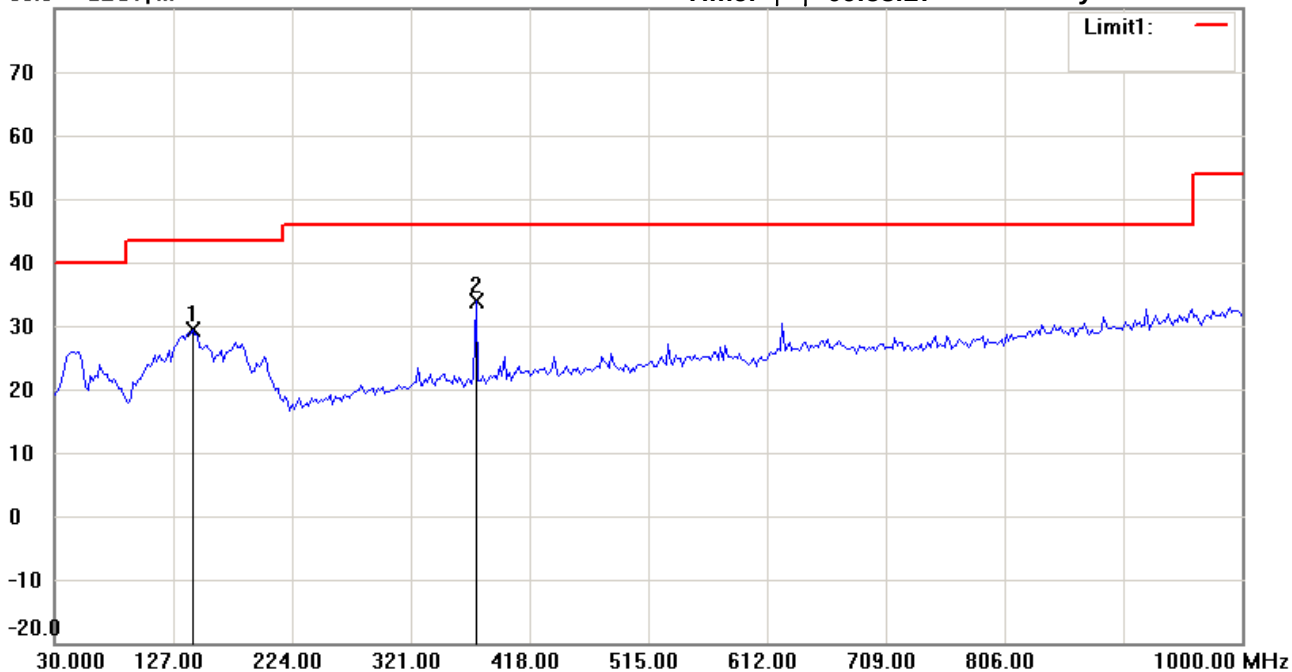
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:58:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	142.7455	36.29	peak	-6.97	29.32	43.50	100	80	-14.18	
*	374.0681	37.93	peak	-4.14	33.79	46.00	100	250	-12.21	

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



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

Operator: Roy

File :3

Data :#1

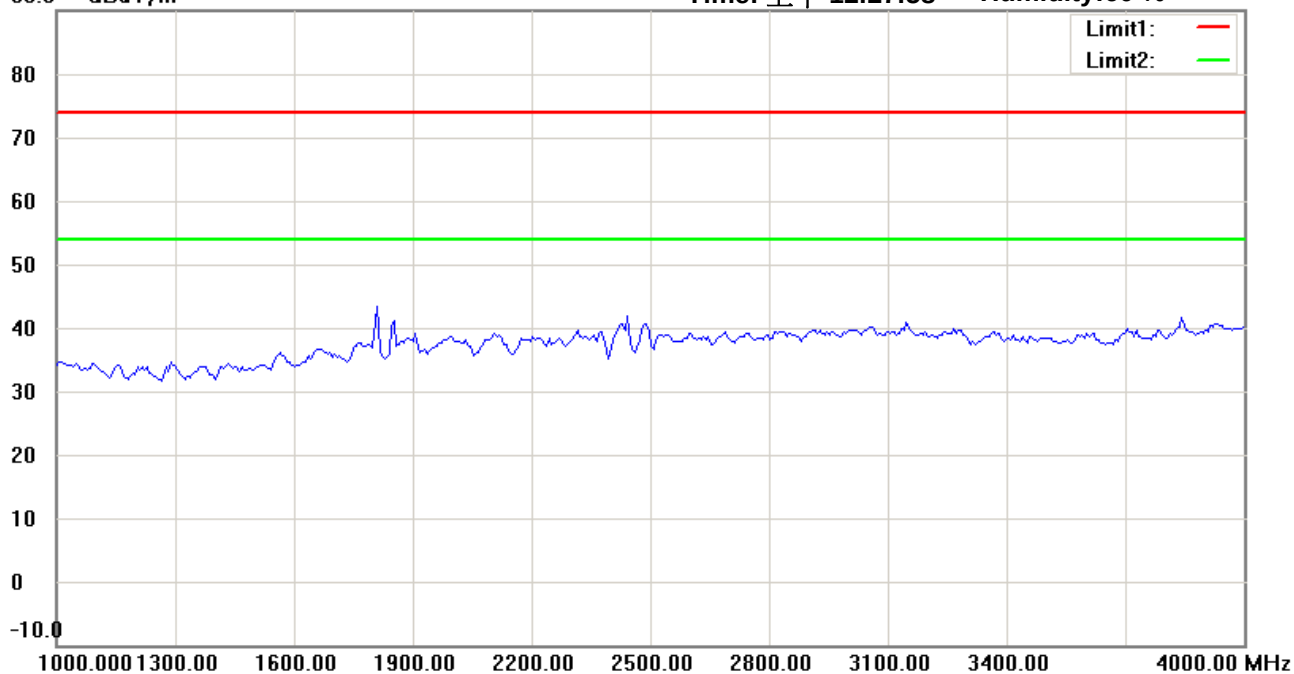
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:27:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

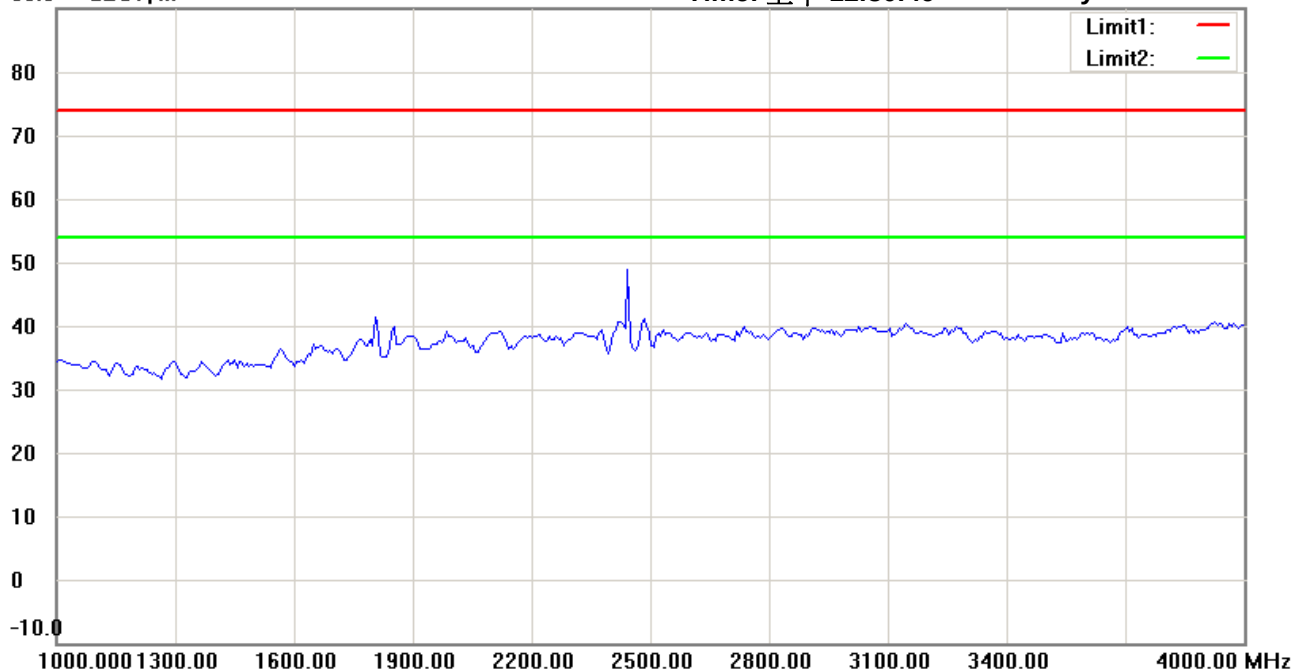
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:30:49

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

Mk.	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

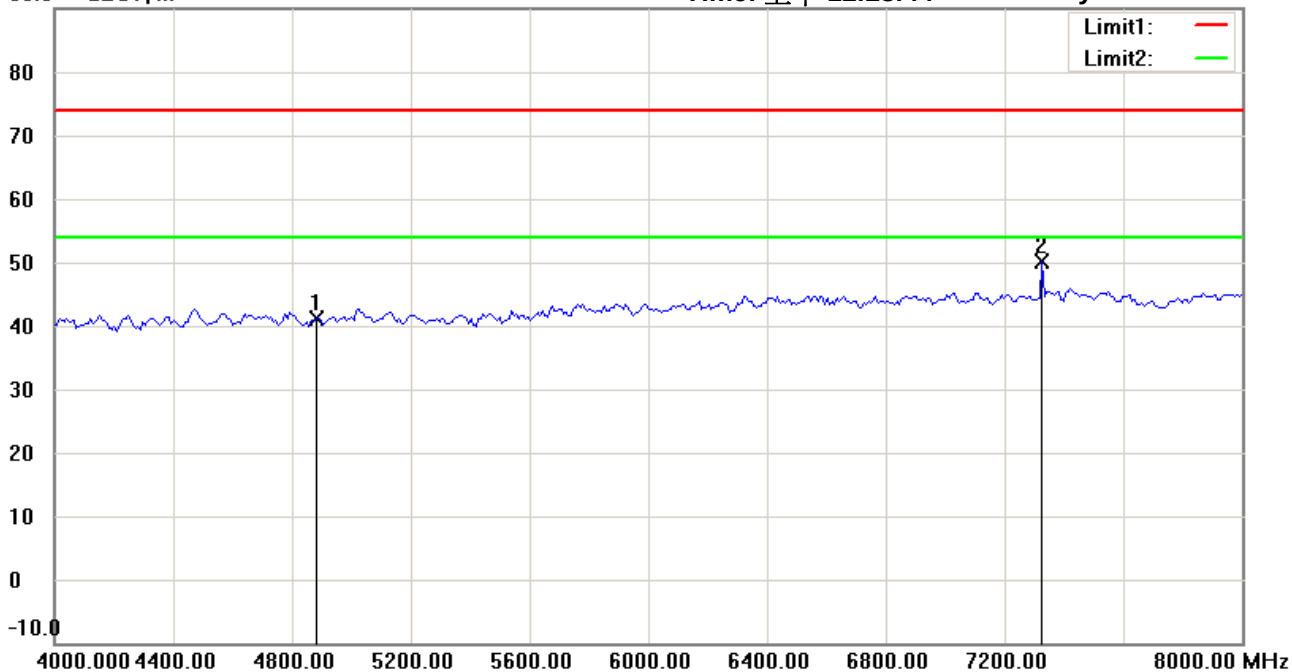
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:28:44

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4880.000	41.55	peak	-0.49	41.06	74.00	100	335	-32.94	
*	7320.000	45.69	peak	4.49	50.18	74.00	100	280	-23.82	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

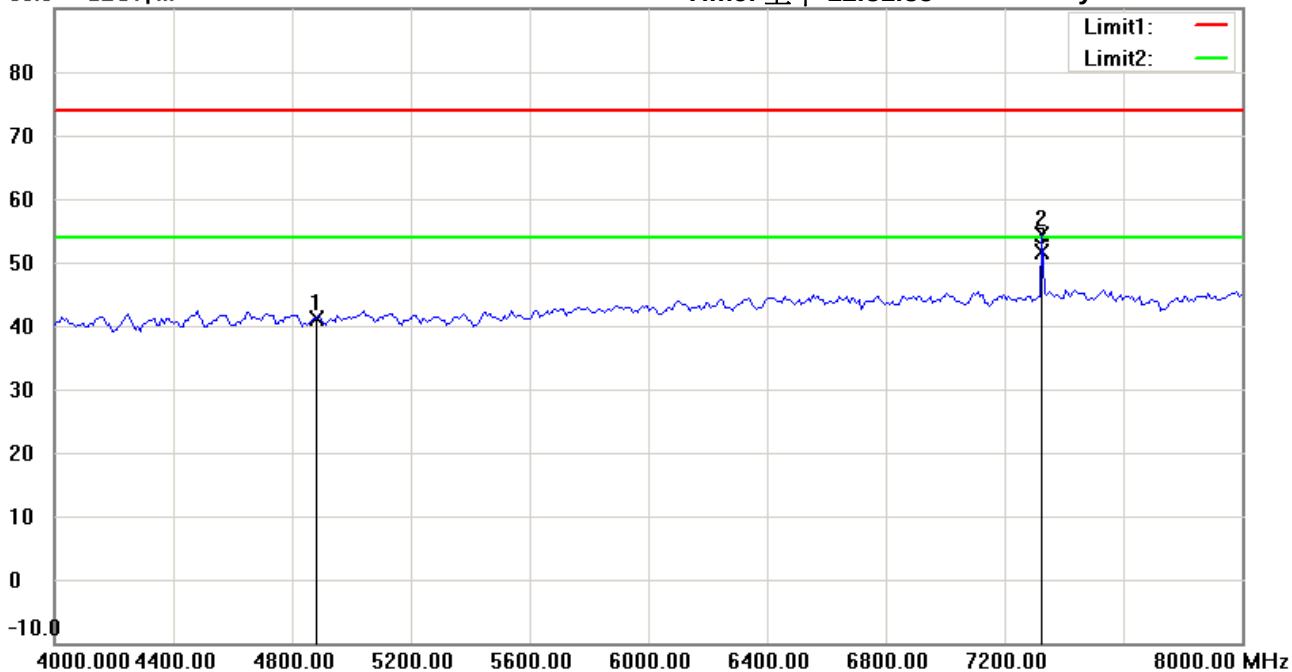
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:31:35

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4880.000	41.70	peak	-0.49	41.21	74.00	100	180	-32.79	
	7326.653	49.92	peak	4.54	54.46	74.00	100	205	-19.54	
*	7326.653	47.08	AVG	4.54	51.62	54.00	100	205	-2.38	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

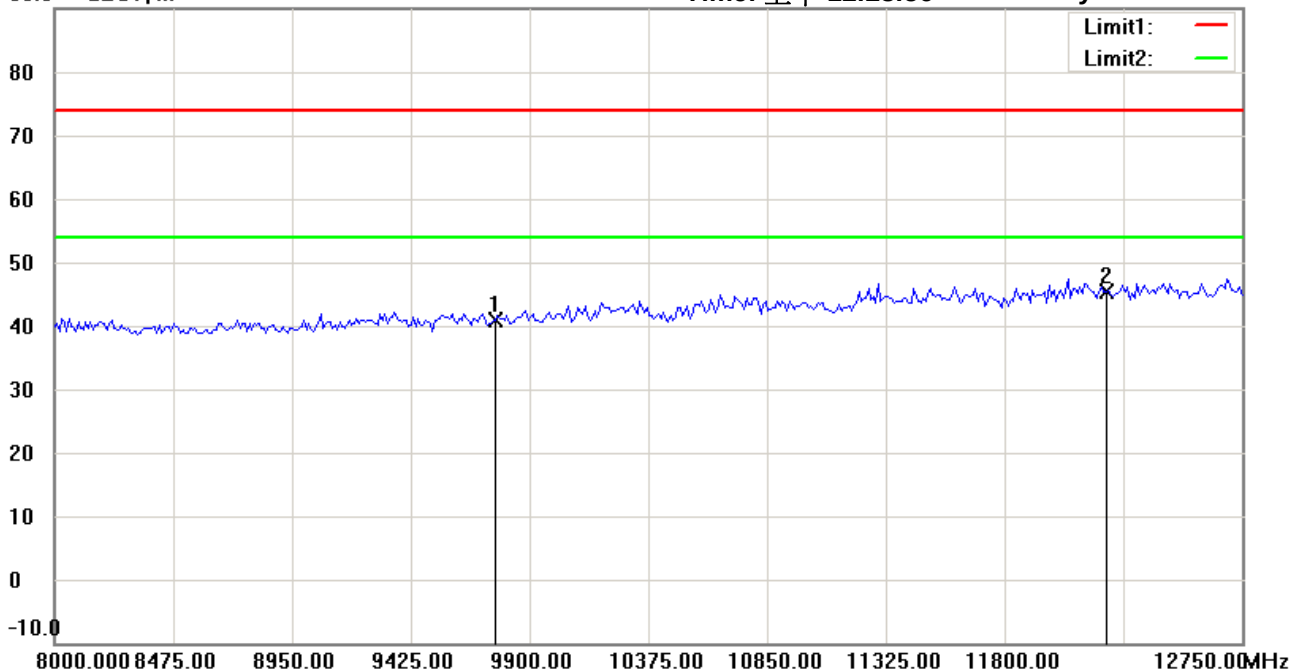
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:28:56

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9760.000	33.27	peak	7.50	40.77	74.00	100	165	-33.23	
*	12200.000	31.49	peak	13.83	45.32	74.00	100	40	-28.68	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

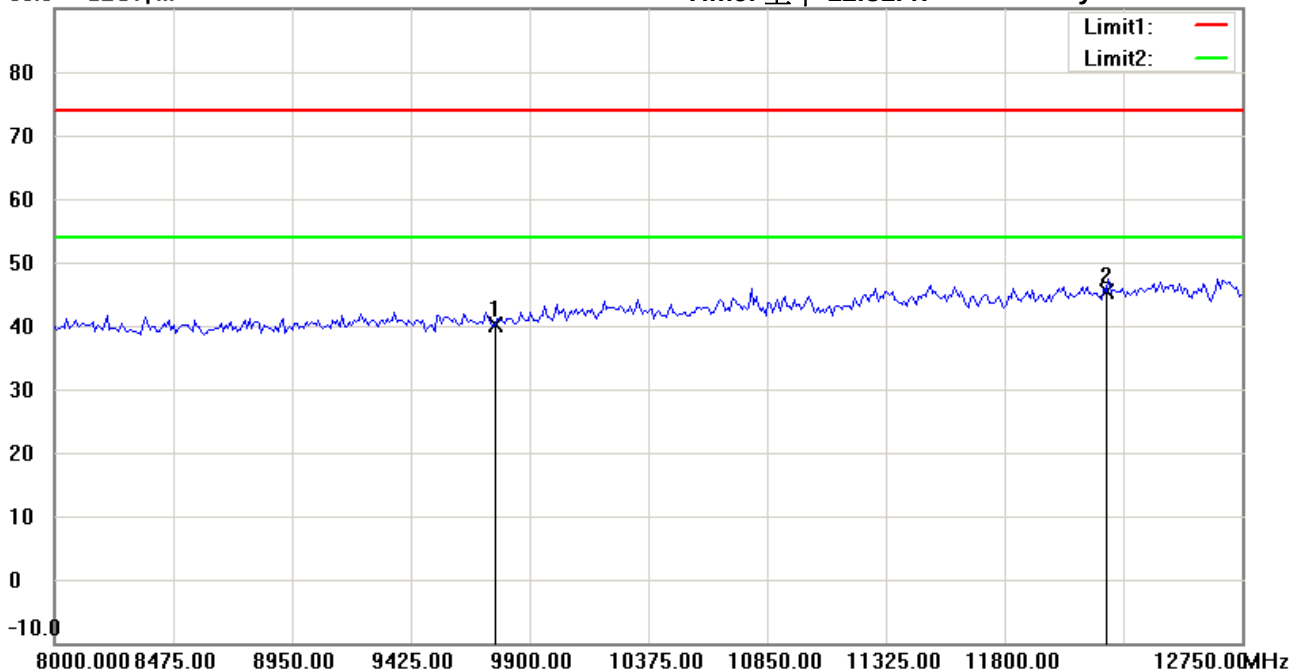
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:31:47

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9760.000	32.73	peak	7.50	40.23	74.00	100	215	-33.77	
*	12200.000	31.59	peak	13.83	45.42	74.00	100	50	-28.58	

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



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

Operator: Roy

File :3

Data :#4

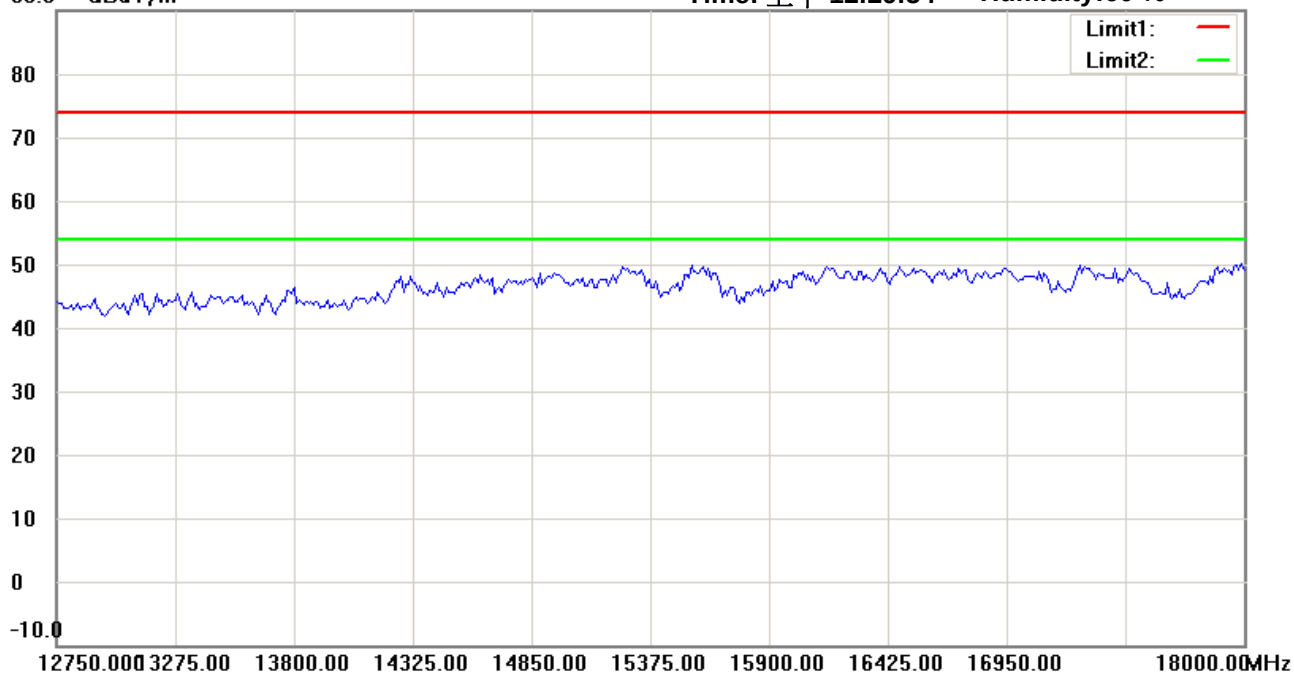
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:29:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

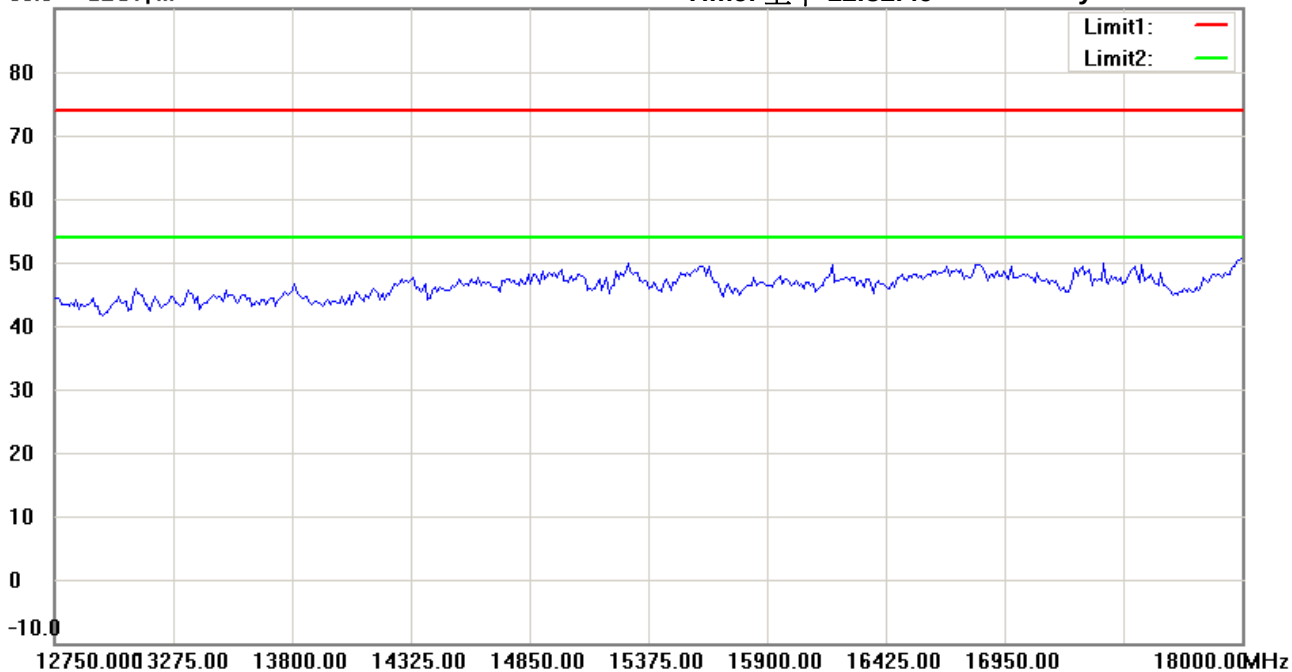
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:32:49

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

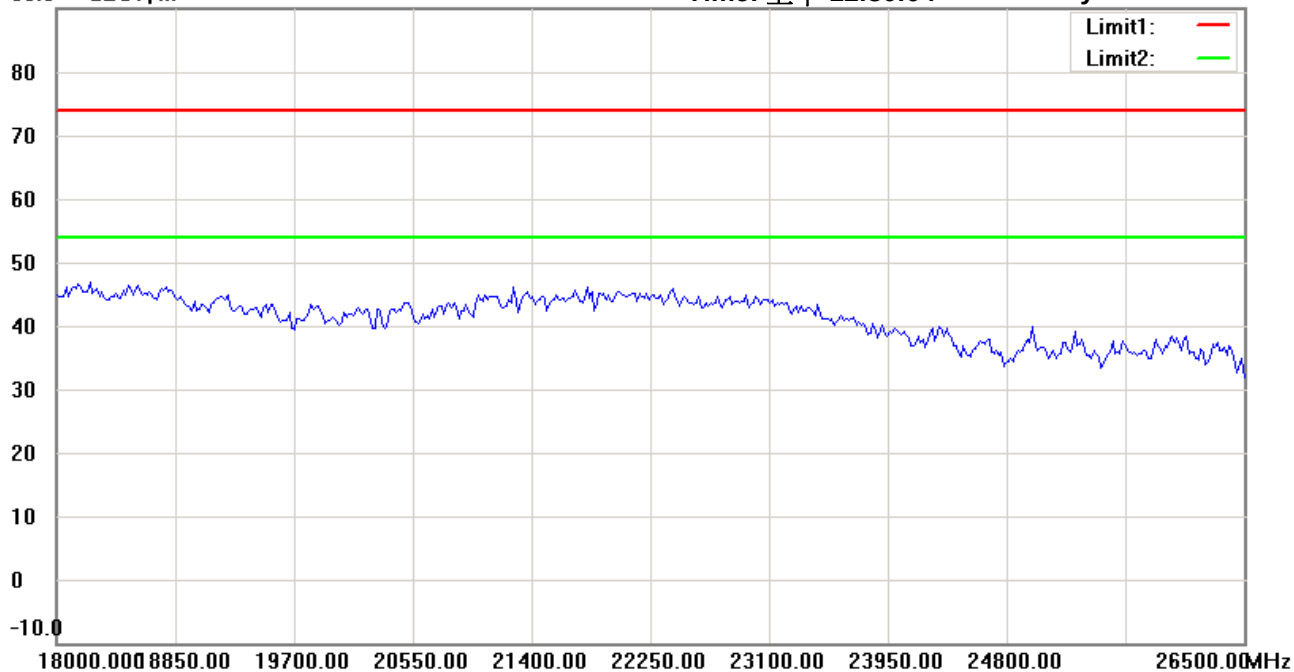
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:30:04

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

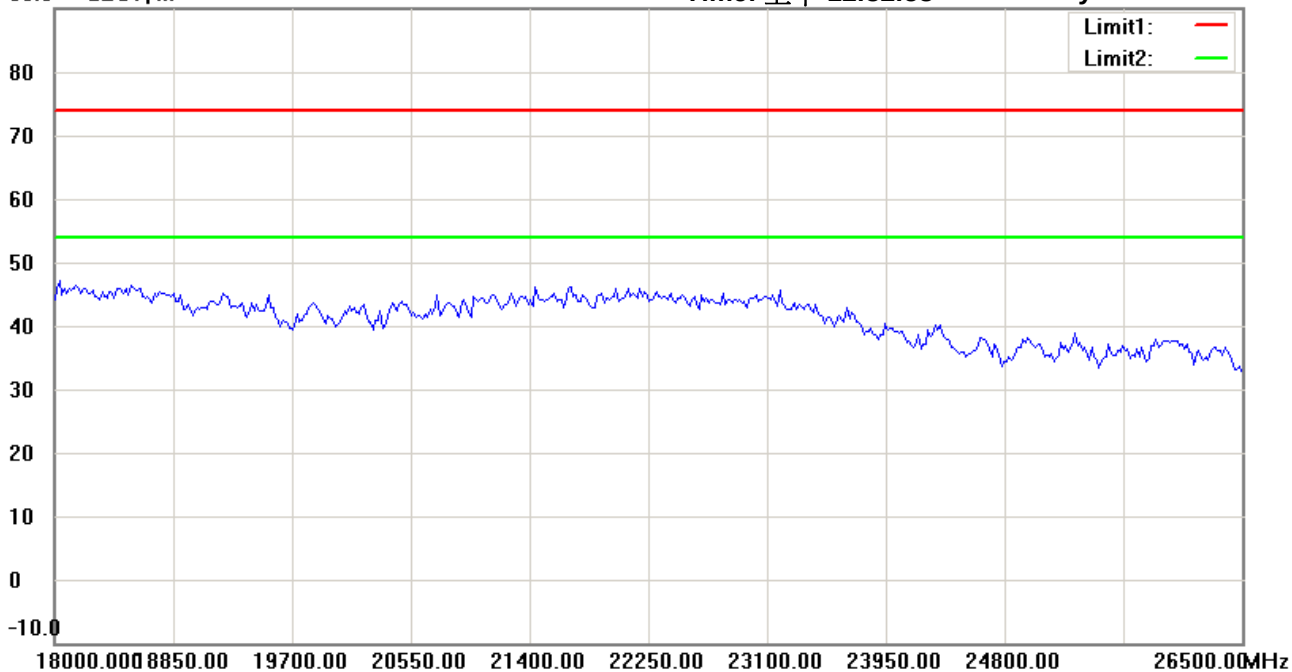
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:32:58

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2442MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	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

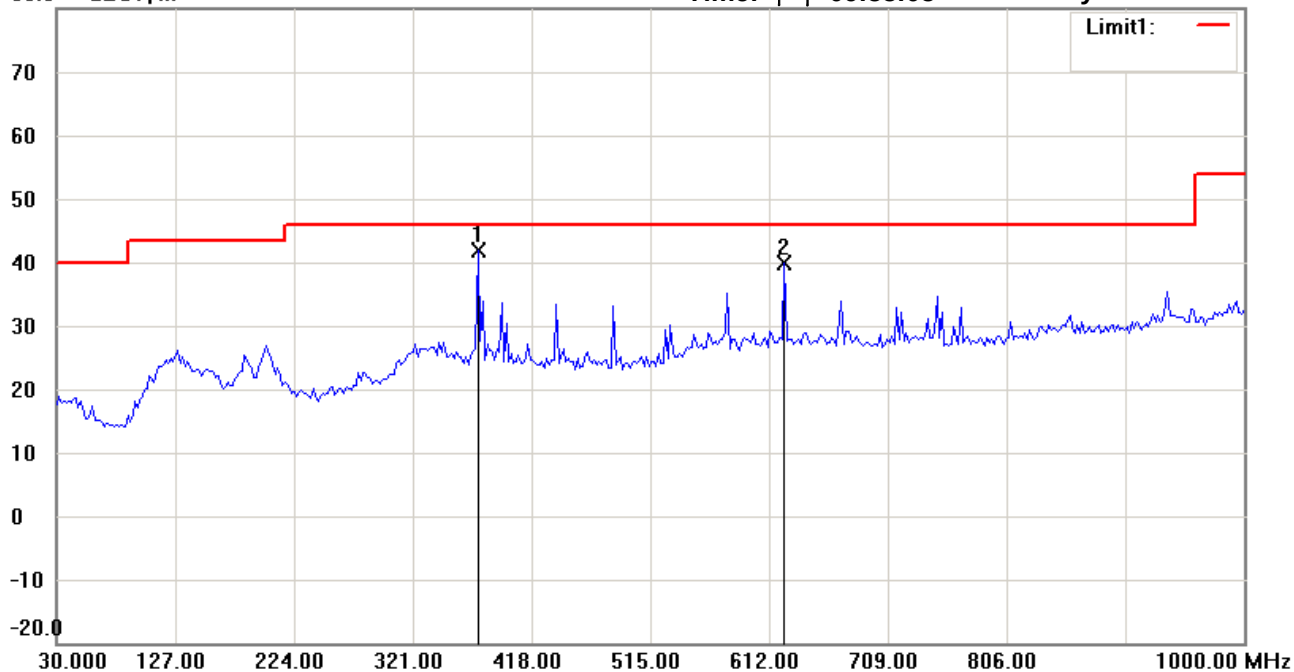
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:55:05

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	374.0681	45.90	peak	-4.14	41.76	46.00	100	300	-4.24	
	624.8297	39.94	peak	-0.12	39.82	46.00	100	90	-6.18	

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



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Radiated Emission Measurement

Operator: Roy

File :1

Data :#2

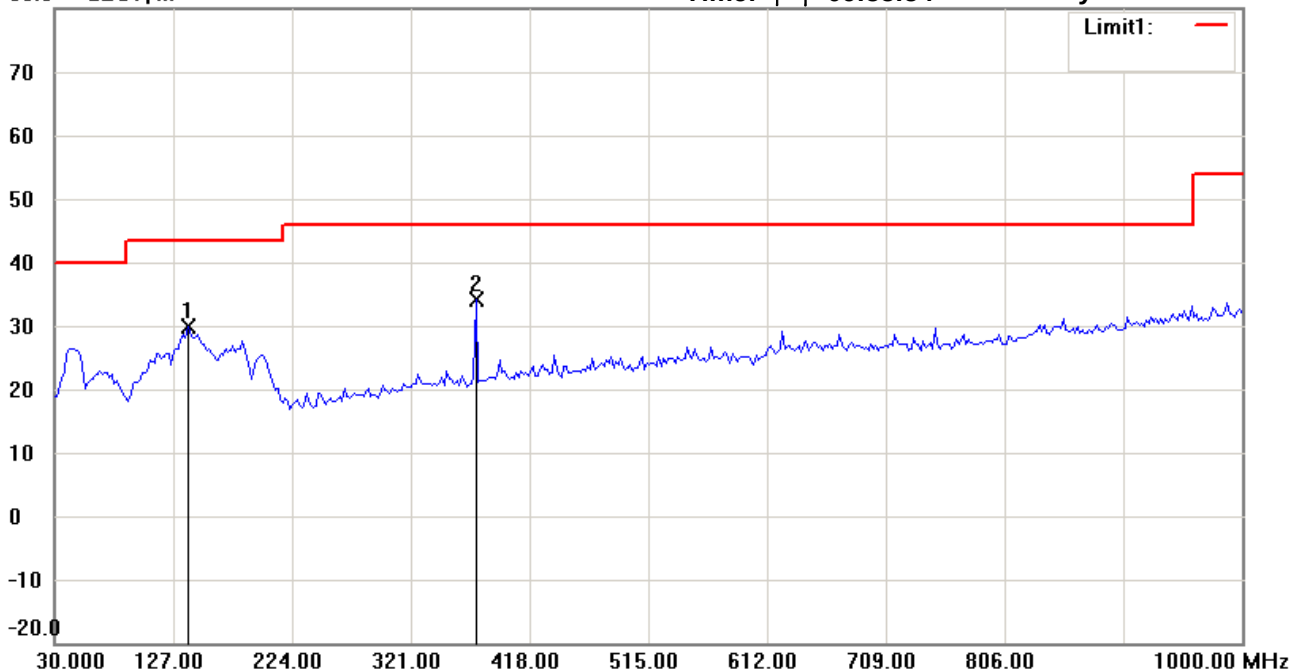
Date: 2016/7/20

Temperature:24 °C

80.0 dBuV/m

Time: 下午 09:55:54

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	138.8577	36.42	peak	-6.65	29.77	43.50	100	45	-13.73	
*	374.0681	38.24	peak	-4.14	34.10	46.00	100	170	-11.90	

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



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

Operator: Roy

File :3

Data :#1

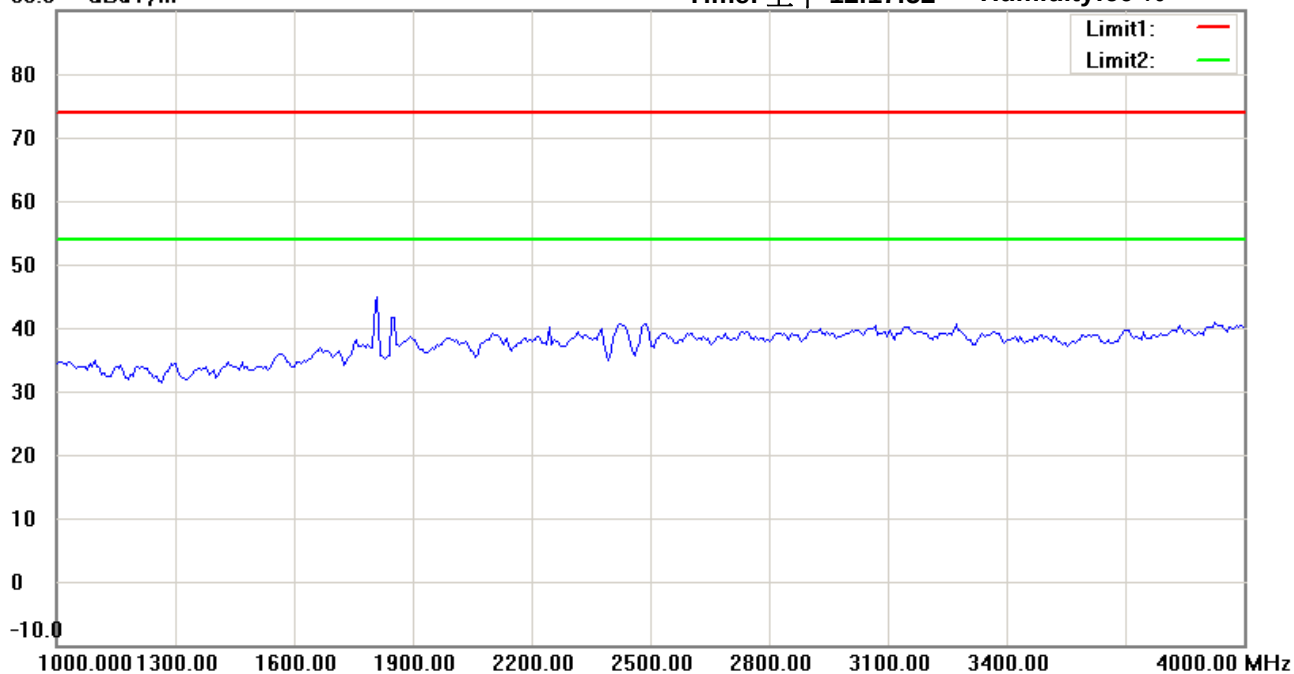
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:17:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

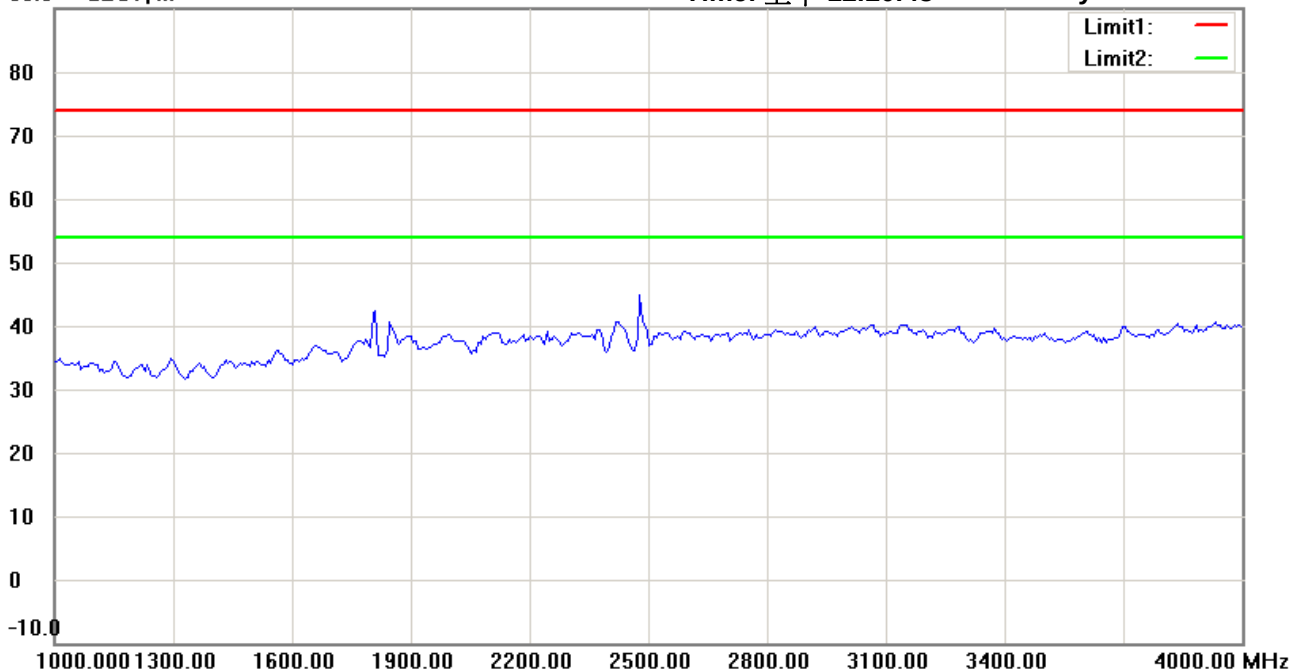
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:20:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

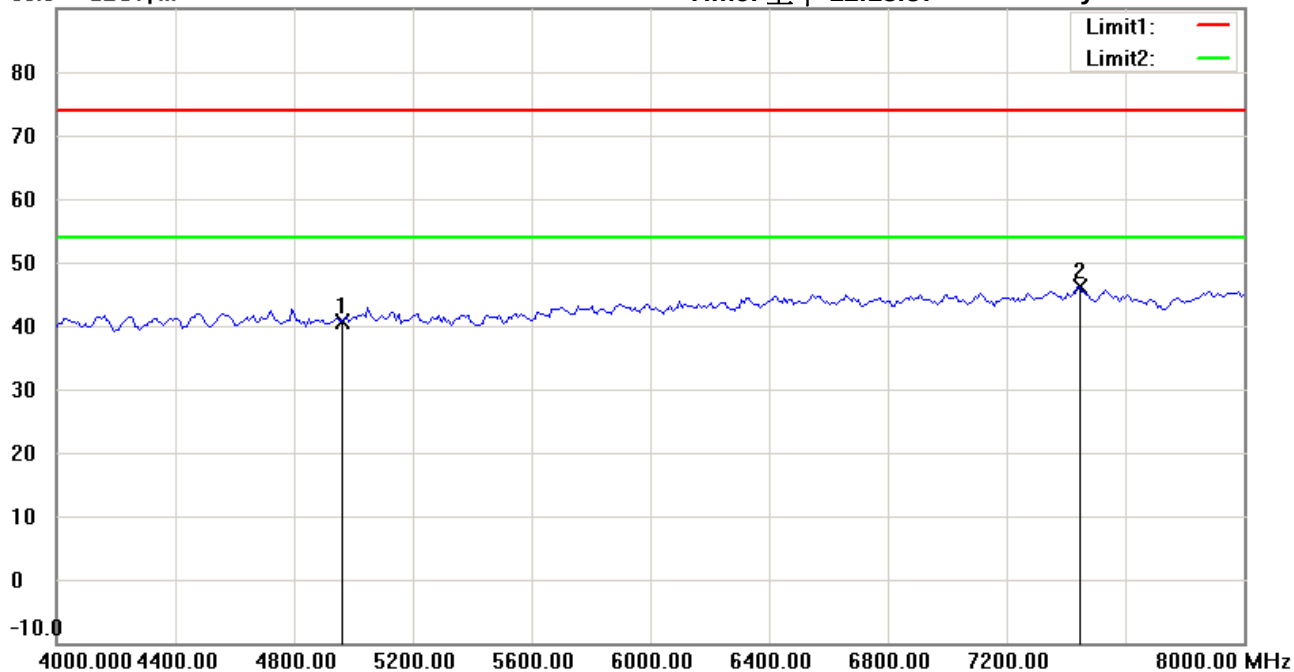
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:18:37

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	40.89	peak	-0.14	40.75	74.00	100	225	-33.25	
*	7440.000	41.35	peak	4.89	46.24	74.00	100	145	-27.76	

*: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 :#7

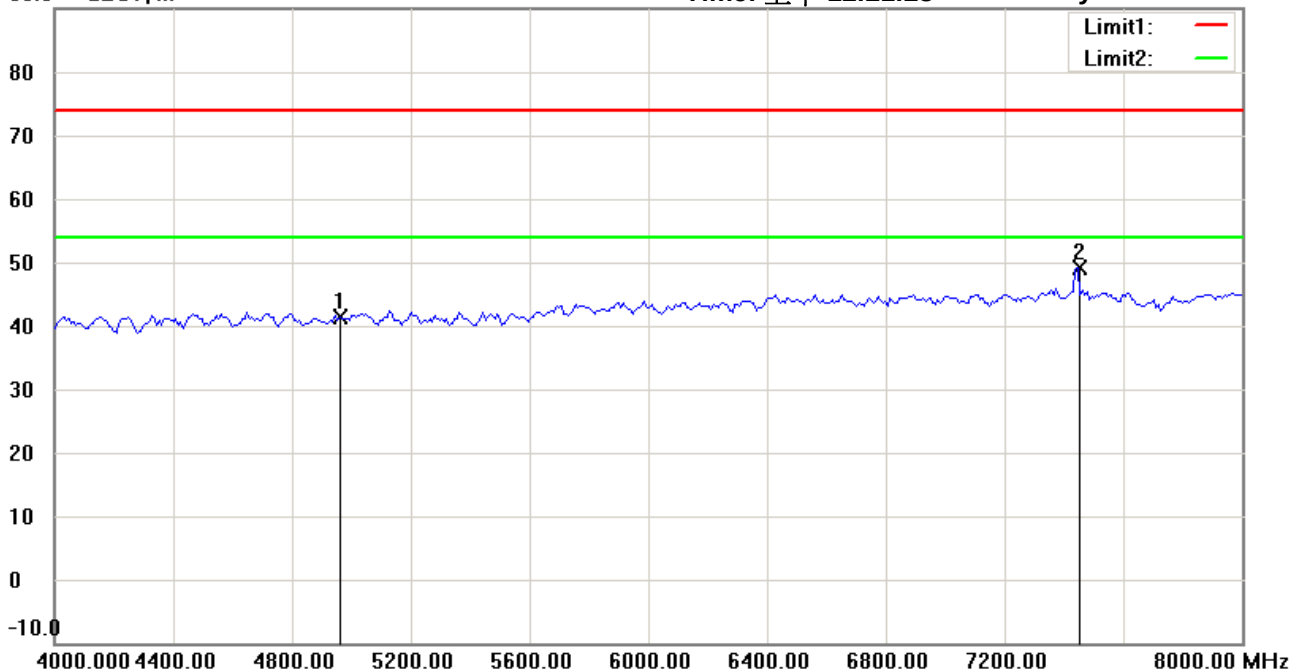
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:21:28

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	41.56	peak	-0.14	41.42	74.00	100	255	-32.58	
*	7446.894	44.32	peak	4.87	49.19	74.00	100	180	-24.81	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

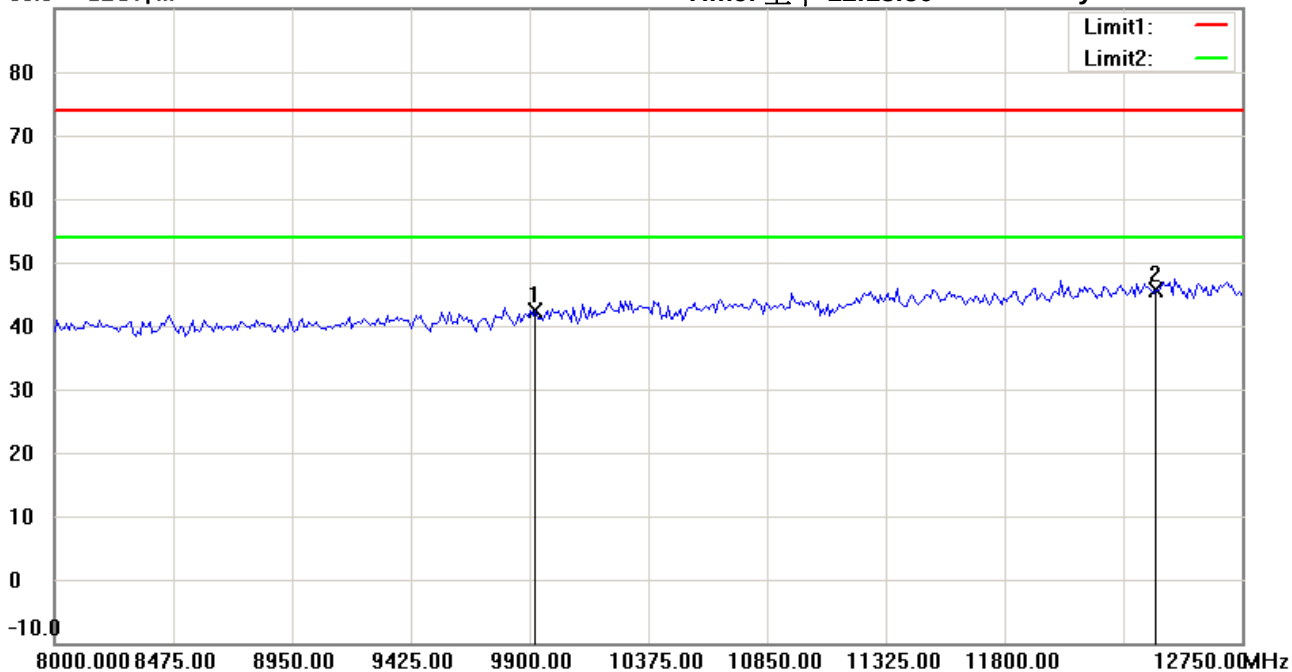
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:18:50

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	34.47	peak	7.83	42.30	74.00	100	135	-31.70	
*	12400.000	31.70	peak	13.99	45.69	74.00	100	40	-28.31	

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



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

Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

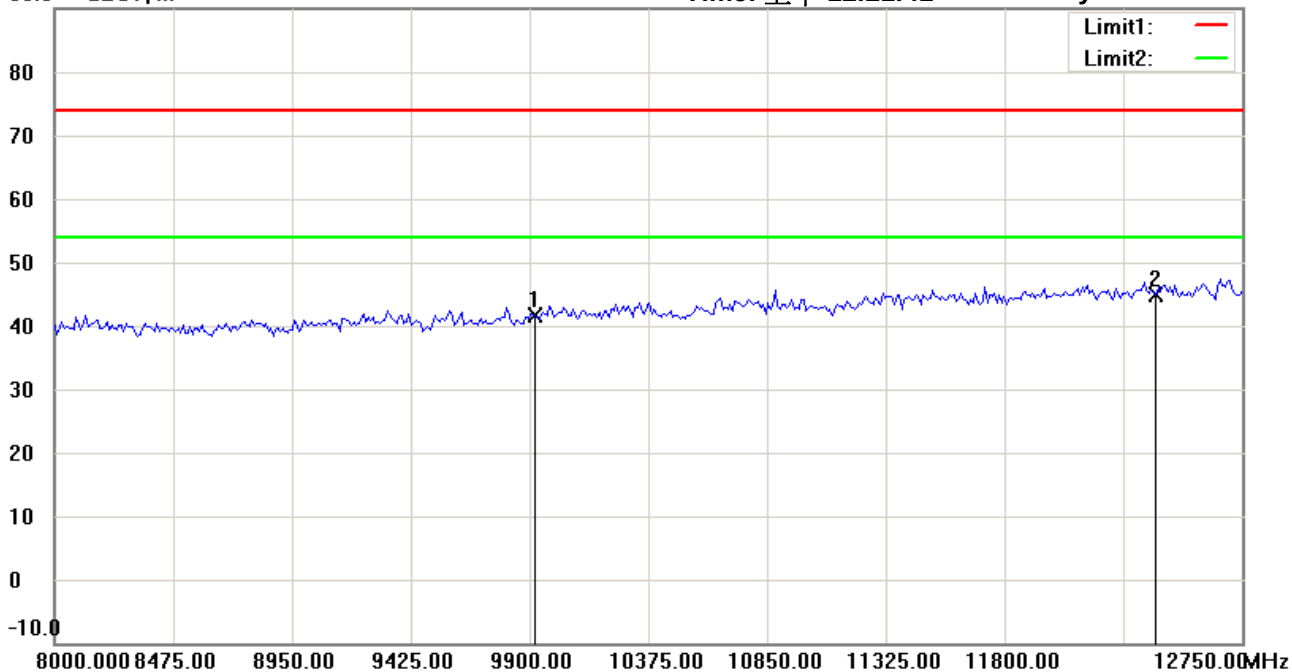
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:21:41

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	33.78	peak	7.83	41.61	74.00	100	260	-32.39	
*	12400.000	31.00	peak	13.99	44.99	74.00	100	25	-29.01	

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

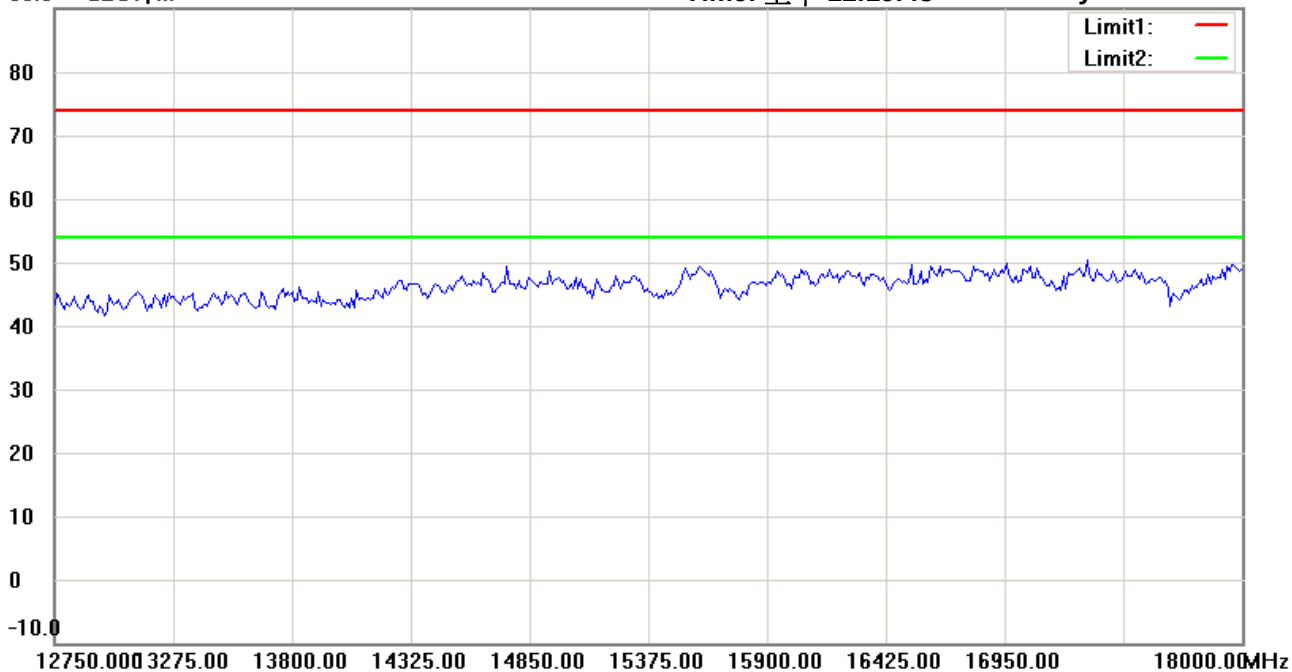
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:19:48

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Horizontal

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

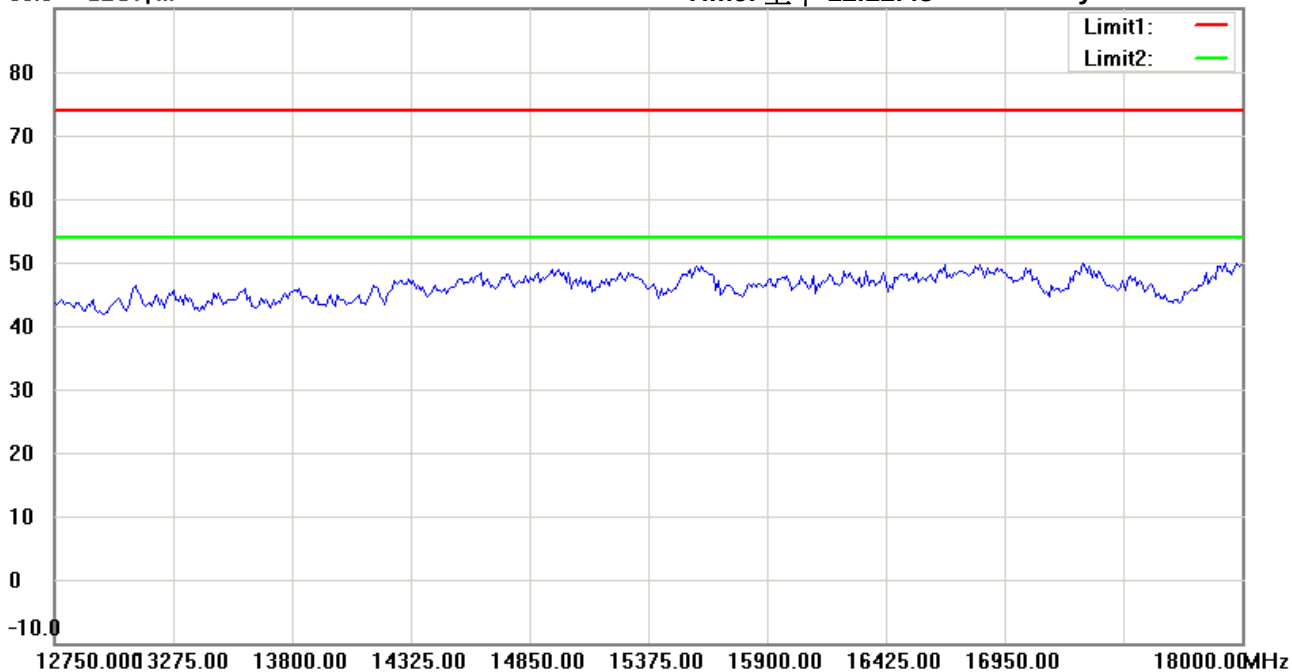
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:22:43

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

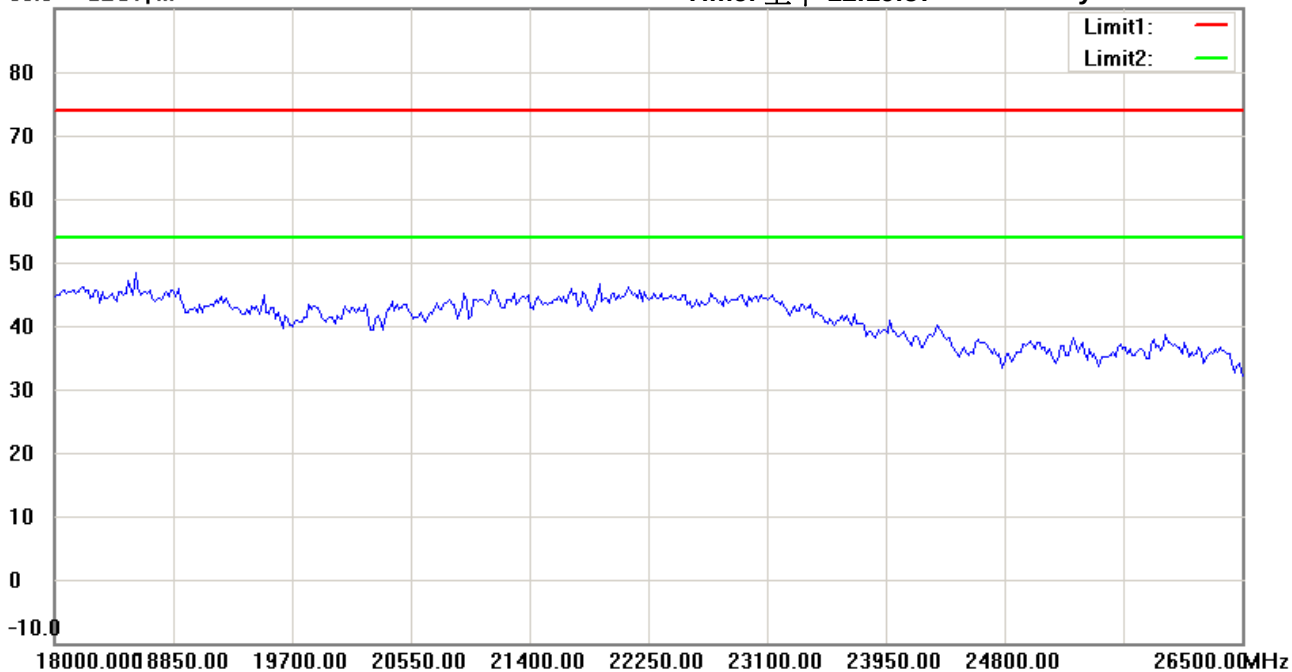
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:19:57

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

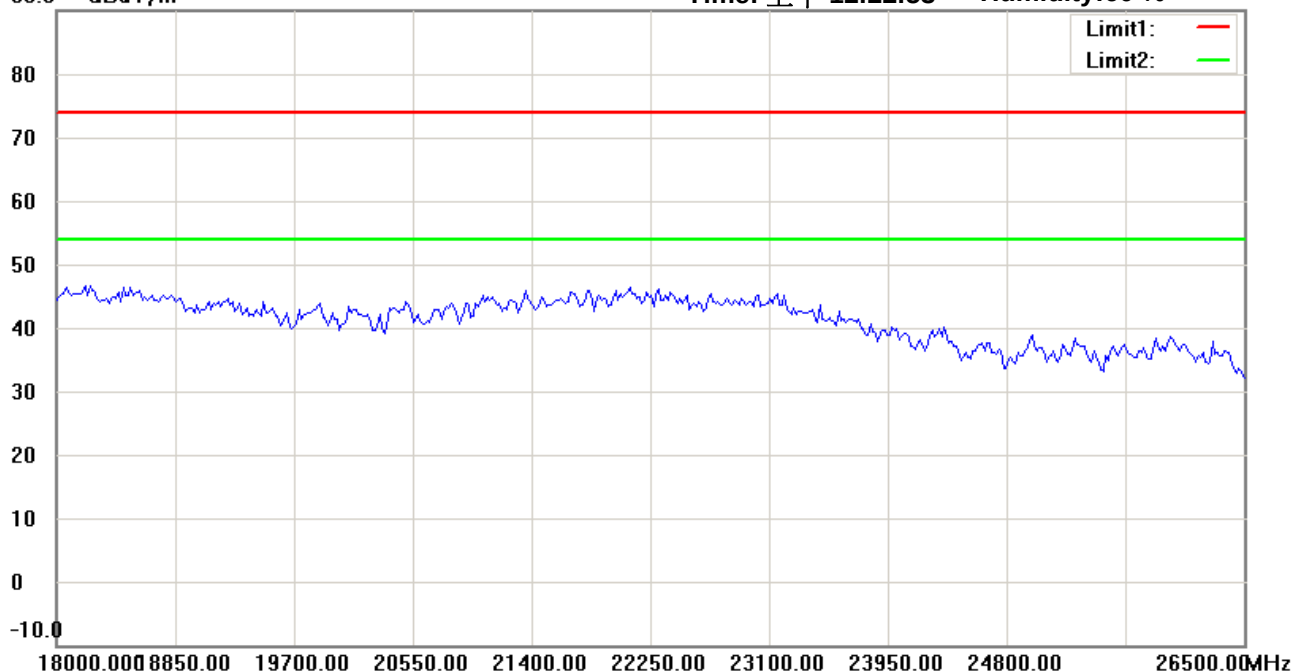
Date: 2016/5/27

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:22:53

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21605-15841

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	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