

FCC PART 15.247 SUBPART C TEST REPORT

for

GPS Tracker

Model No.: RMBU_3GTR

FCC ID: 2ALG8RMBU3GTR

of

Applicant: **Roambee Corporation**

Address: **3120 De La Cruz Blvd. Suite 121, Santa Clara,
California 95054 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.: W6M21703-16710-C-1

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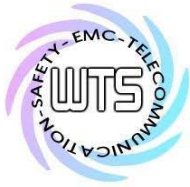
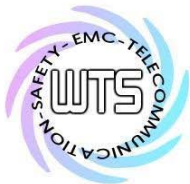


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Worldwide Testing Services(Taiwan) Co., Ltd.

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1 General Information

1.1 Notes

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

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

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

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems.

The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications equipment.

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

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

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

Specific Conditions:

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

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

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

Tester:

June 01, 2017

Mark Cheng

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

June 01, 2017

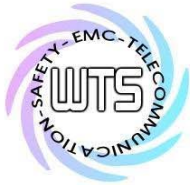
Kevin Wang

Date

WTS

Name

Signature



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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: Roambee Corporation

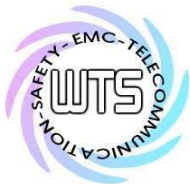
Street: 3120 De La Cruz Blvd. Suite 121,

Town: Santa Clara, California 95054

Country: United States

Telephone: +1 (408) 663 6655

Fax: +1 (408) 663 6655



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1.4 Application details

Date of receipt of test item: April 06, 2017

Date of test: from April 06, 2017 to June 01, 2017

1.5 General information of Test item

Type of test item: GPS Tracker
Model Number: RMBU_3GTR
Brand Name: ROAMBEE
Multi-listing model number: ./.
Photos: see Appendix

Technical data

Frequency band: 2.4 GHz – 2.4835 GHz

WLAN 11b, 11g, 11n 20MHz

Frequency (ch 1 or A): 2.412 GHz

Frequency (ch 6 or B): 2.437 GHz

Frequency (ch 11 or C): 2.462 GHz

Bluetooth Low Energy

Frequency (ch 0 or A): 2.402 GHz

Frequency (ch 12 or B): 2.426 GHz

Frequency (ch 39 or C): 2.480 GHz

Number of Channels: WLAN: 11 Ch
Bluetooth Low Energy: 40 Ch

Operation modes: Duplex
Modulation Type: DSSS / OFDM / GFSK

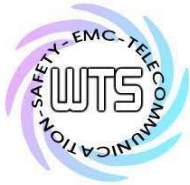
Fixed point-to-point operation: ☐ Yes / ☒ No

Type of Antenna: WLAN: PCB Antenna
Bluetooth Low Energy: SMD Chip Antenna

Antenna gain: WLAN: 0 dBi
Bluetooth Low Energy: 3 dBi

Power supply: Charge 120 VAC (Mode 2, Mode 3)
Battery: 6 VDC, 4500 mAh (Mode 1)
3.7 VDC, 1150 mAh (Mode 2)
3.7 VDC, 9300 mAh (Mode 3)

Emission designator: 11b: DSSS: 10M7G1D
11g: OFDM: 16M8D1D
11n 20MHz: OFDM: 18M0D1D
Bluetooth Low Energy: GFSK: 1M05G1D



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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 (DSSS)

Power (ch 1 or A): Conducted: 13.98 dBm

Power (ch 6 or B): Conducted: 13.36 dBm

Power (ch 11 or C): Conducted: 13.24 dBm

Mode B (OFDM)

Power (ch 1 or A): Conducted: 11.19 dBm

Power (ch 6 or B): Conducted: 12.30 dBm

Power (ch 11 or C): Conducted: 12.24 dBm

Mode C (OFDM)

Power (ch 1 or A): Conducted: 12.95 dBm

Power (ch 6 or B): Conducted: 11.91 dBm

Power (ch 11 or C): Conducted: 11.46 dBm

Mode D (GFSK)

Power (ch 0 or A): Conducted: -14.62 dBm

Power (ch 12 or B): Conducted: -14.59 dBm

Power (ch 39 or C): Conducted: -12.26 dBm

Manufacturer: (if applicable)

Name: VVDN Technologies Pvt. Ltd

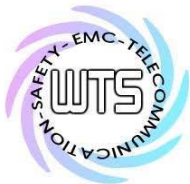
Street: B-22, Infocity Sector-34,

Town: Gurgaon-122001, Haryana,

Country: India

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

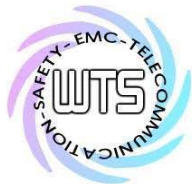
The deviations as specified in 2.5 were ascertained in the course of the tests performed. ☐

2.2 Test environment

Temperature: 23 °C
Relative humidity content: 20 ... 75 %
Air pressure: 86 ... 103 kPa
Power supply: Charge 120 VAC (Mode 2, Mode 3)
Battery: 6 VDC, 4500 mAh (Mode 1)
3.7 VDC, 1150 mAh (Mode 2)
3.7 VDC, 9300 mAh (Mode 3)

Extreme conditions parameters: ./.

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission	Expanded Uncertainty : 0.74 dB
Estimation Result of Uncertainty of Radiated Emission(3M)	Expanded Uncertainty : 0.009-30 MHz : 2.17 dB 30-1000 MHz : 3.30 dB 1-18 GHz : 2.28 dB 18-40 GHz : 2.19 dB
Estimation Result of Uncertainty of Bandwidth Measurement 20 dB Bandwidth, Occupied bandwidth, Channel bandwidth, Necessary Bandwidth	Expanded Uncertainty : 0.45 kHz
Estimation Result of Uncertainty of Conducted Output Power Measurement Output power	Expanded Uncertainty : 1.01 dB
Estimation Result of Uncertainty of Power Density Measurement Power density	Expanded Uncertainty : 1.09 dB
Estimation Result of Uncertainty of Band Edge Measurement	Expanded Uncertainty : 0.98 dBc
Estimation Result of Uncertainty of Conducted Spurious Emission Measurement Conducted spurious emission	Expanded Uncertainty : 1.01 dB
Estimation Result of Uncertainty of EIRP Measurement EIRP、ERP、Output power(dBm)、Radiated spurious emission(dBm), Receiver spurious radiations (≥30 MHz)	Expanded Uncertainty : 30-200MHz : 2.11 dB 200-1000MHz : 2.09 dB 1-18GHz : 3.09 dB 18-40GHz : 2.71 dB



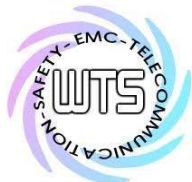
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2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2017/5/19	2018/5/19
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 008	HF-EICHLEITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function Test	
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2016/7/15	2017/7/14
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2016/9/12	2017/9/11
ETSTW-CE 028	MXE EMI Receiver	N9038A	MY53220110	Agilent	2016/8/26	2017/8/25
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2017/5/19	2018/5/18
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2017/5/19	2018/5/18
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	2017/3/22	2018/3/21
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2017/2/7	2018/2/6
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2017/4/10	2018/4/9
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2017/4/27	2018/4/26
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2017/3/1	2018/2/28
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2017/3/1	2018/2/28
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2017/3/1	2018/2/28
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2017/3/1	2018/2/28
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2017/3/1	2018/2/28
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2017/4/12	2018/4/11
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	Function Test	
ETSTW-RE 069	Double-Ridged Guide Horn Antenna	3117	00069377	ETS-Lindgren	Function Test	
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2016/9/8	2017/9/7
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2016/9/20	2017/9/19
ETSTW-RE 091	Match Pad	MDCS1500	None	WOKEN	2017/4/6	2018/4/5
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2017/3/1	2018/2/28
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	2017/1/12	2018/1/11

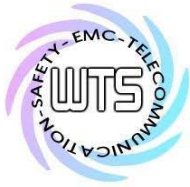


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ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2017/5/19	2018/5/18
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2016/8/10	2017/8/9
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2016/8/10	2017/8/9
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2017/3/1	2018/2/28
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	2017/4/12	2018/4/11
ETSTW-RE 143	Humidity Temperature Meter	TES-1260	110104623	TES	2016/8/19	2017/8/18
ETSTW-RE 147	Bi-log Hybrid Antenna	MCTD 2786B	BLB16M04005	ETC	2017/3/22	2018/3/21
ETSTW-EMI 011	USB Compact Modulator	SFC-U	101689	R&S	2017/5/10	2018/5/9
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2017/2/24	2018/2/23
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2017/2/10	2018/2/9
ETSTW-GSM 004	Wideband Radio Communication Tester	CMW500	128092	R&S	2016/12/15	2017/12/14
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2017/1/12	2018/1/11
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2017/1/12	2018/1/11
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2017/1/12	2018/1/11
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2017/1/12	2018/1/11
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2016/9/14	2017/9/13
ETSTW-Cable 010	BNC Cable	RGS-142	None	THERMAX	2016/9/12	2017/9/11
ETSTW-Cable 011	SMA to N type Cable	RGU-400	None	THERMAX	Pre-test Use NCR	
ETSTW-Cable 012	BNC Cable	RGS-400	None	THERMAX	2016/9/12	2017/9/11
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2017/2/23	2018/2/22
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2017/2/23	2018/2/22
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2017/2/23	2018/2/22
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2017/2/23	2018/2/22
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2017/4/21	2018/4/20
ETSTW-Cable 022	N TYPE Cable	5006	0002	JYE BAO CO.,LTD.	2017/4/6	2018/4/5
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2017/3/1	2018/2/28
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2017/5/3	2018/5/2
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2016/9/20	2017/9/19
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2016/9/20	2017/9/19
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S Cable 9)	279067	HUBER+SUHNER	2017/3/1	2018/2/28
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104 (S Cable 10)	238092	HUBER+SUHNER	2017/4/12	2018/4/11
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2017/4/12	2018/4/11
ETSTW-Cable 048	Microwave Cable	SUCOFLEX 104	325519	HUBER+SUHNER	2017/4/12	2018/4/11

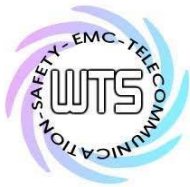


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ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2017/2/20	2018/2/19
ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2017/4/12	2018/4/11
ETSTW-Cable 066	SMA type cable	32022	None	ASTROLAB	2016/9/12	2017/9/11
ETSTW-Cable 071	N TYPE CABLE	EMCCFD400-NM-NM-25000	170239	EMCI	2017/2/20	2018/2/19
WTSTW-SW 002	EMI TEST SOFTWARE	EZ EMC	None	Farad	Version ETS-03A1	
WTSTW-SW 006	EMI TEST SOFTWARE	e3	None	AUDIX	Version 9.161014	
WTSTW-SW 008	Signal studio	Agilent	None	AUDIX	Version 2.0.0.1	



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2.4 General Test Procedure

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

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

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

Example:

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

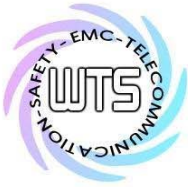
The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m (non metallic table) and arranged according to ANSI C63.10-2013 6.2.2. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

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

For hand-held devices, a exploratory test was performed with three (3) orthogonal planes to determine the highest emissions.

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

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



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

The formula is as follows:

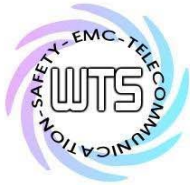
Average = Peak + Duty Factor

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

$T = 100\text{ms}$ when the pulse train period is over 100 ms or the period of the pulse train.

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

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

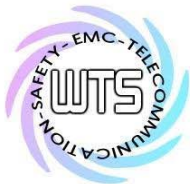


Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR

3 Test results (enclosure)

TEST CASE	Para. Number	Required	Test passed	Test failed
Peak Output Power	15.247(b)	☒	☒	☐
Equivalent isotropically radiated Power	15.247(b)	☒	☒	☐
Spurious Emissions radiated – Transmitter operating	15.247(c): 15.209	☒	☒	☐
Band Edge Measurement	15.247(d)	☒	☒	☐
Minimum 6 dB Bandwidth	15.247(a)(2)	☒	☒	☐
Peak Power Spectral Density	15.247(e)	☒	☒	☐
Radiated Emission from Digital Part	15.109	☒	☒	☐
Power Line Conducted Emission	15.207	☒	☒	☐



Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR

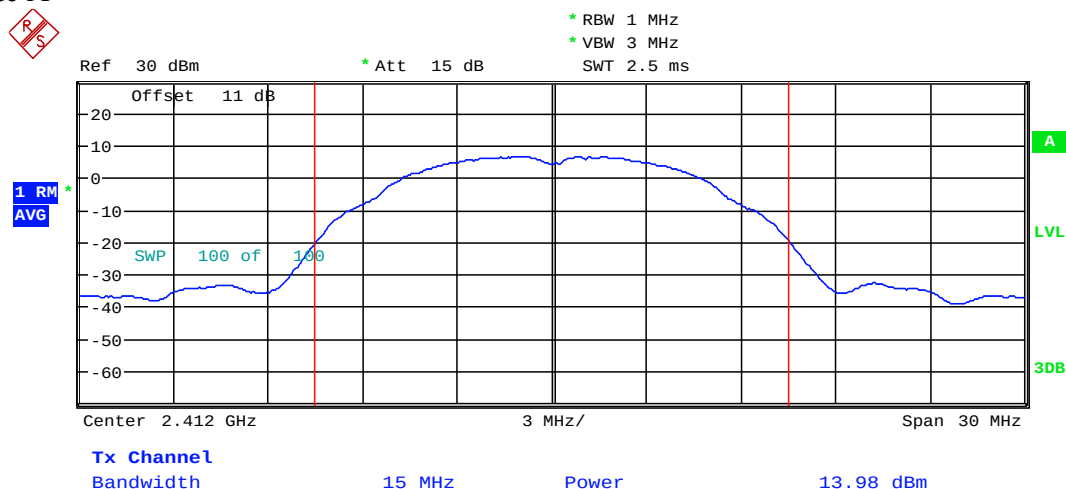
3.1 Peak Output Power (transmitter)

FCC Rule: 15.247(b)(3)

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

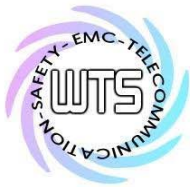
The power was measured with modulation (declared by the applicant).

Mode A

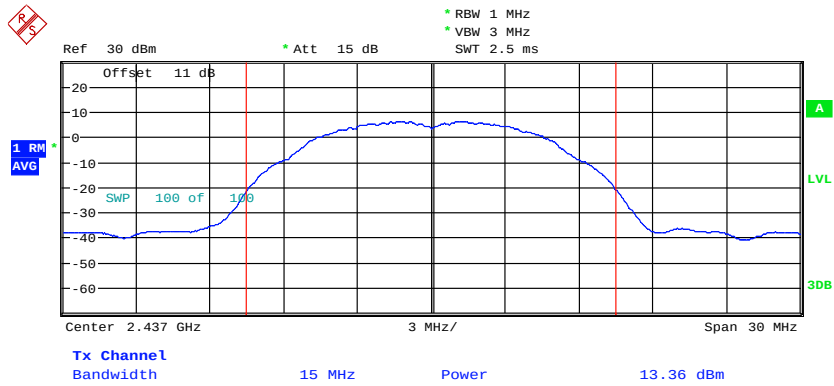


MAX OUTPUT POWER 802.11B CH01

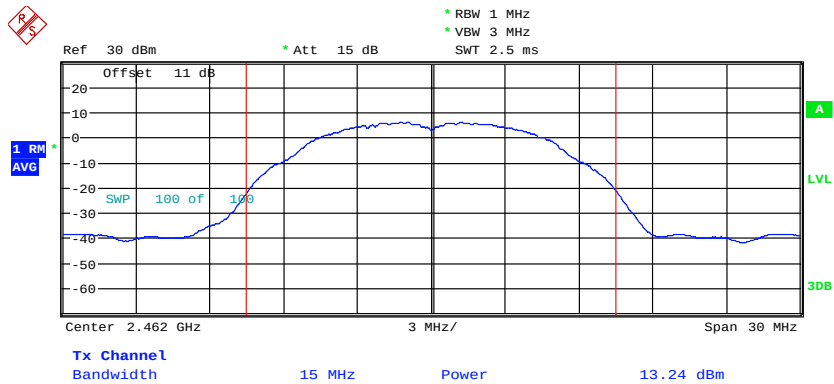
Date: 17.APR.2017 11:02:59



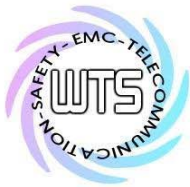
Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR



MAX OUTPUT POWER 802.11B CH06
Date: 17.APR.2017 11:04:14



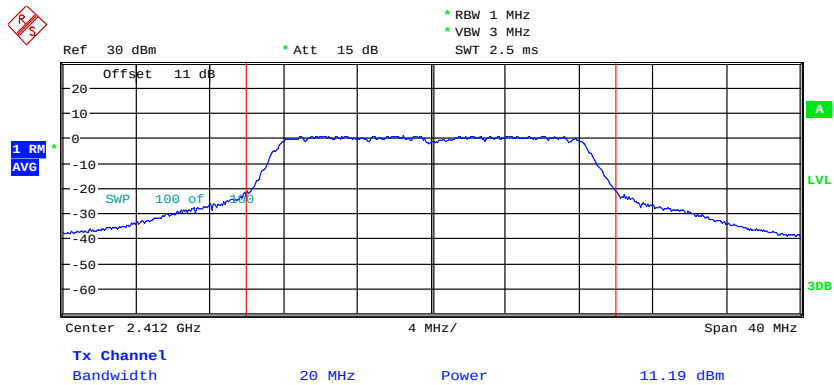
MAX OUTPUT POWER 802.11B CH11
Date: 17.APR.2017 11:06:53



Registration number: W6M21703-16710-C-1

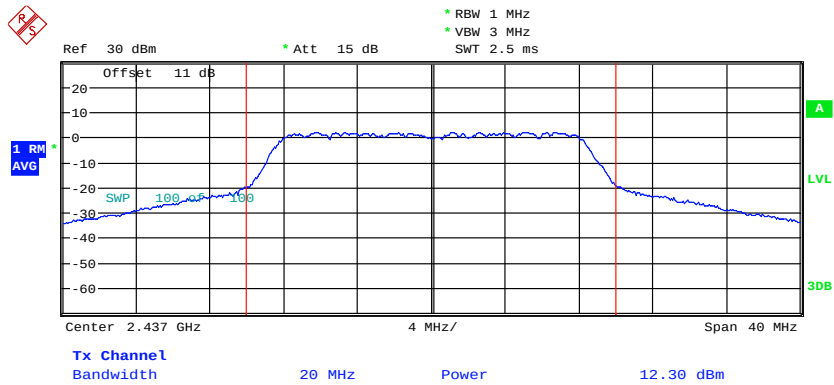
FCC ID: 2ALG8RMBU3GTR

Mode B



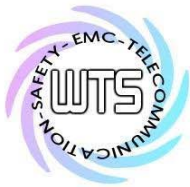
MAX OUTPUT POWER 802.11G CH01

Date: 17.APR.2017 11:09:25



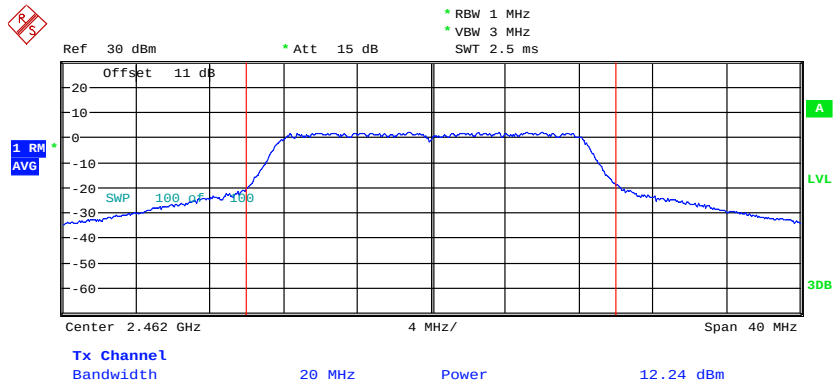
MAX OUTPUT POWER 802.11G CH06

Date: 17.APR.2017 11:13:17



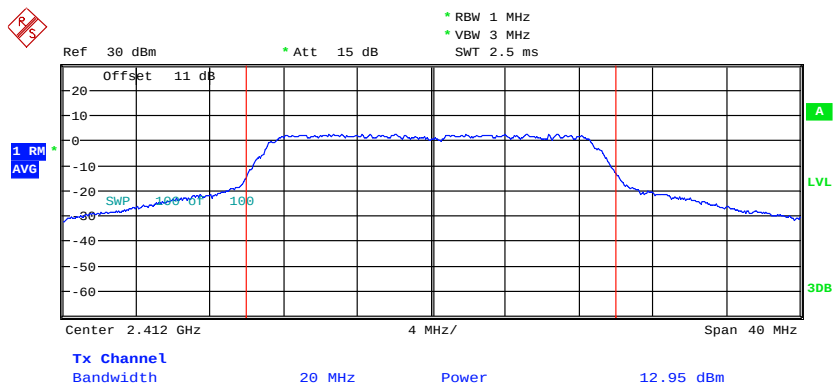
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

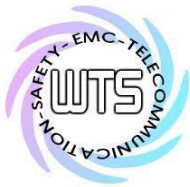


MAX OUTPUT POWER 802.11G CH11
Date: 17.APR.2017 11:16:10

Mode C



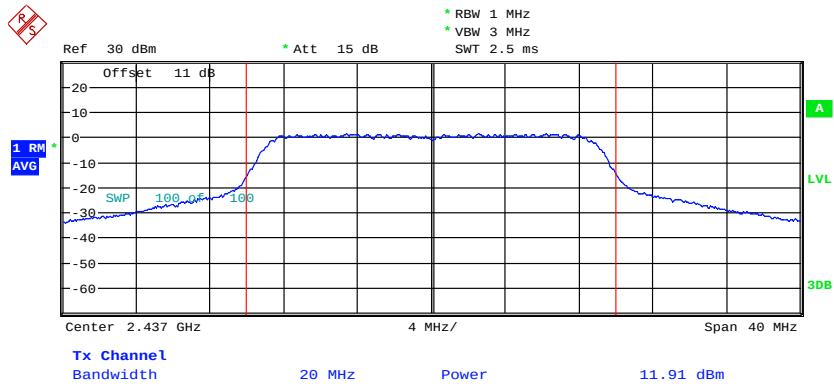
MAX OUTPUT POWER 802.11N 20MHz CH1
Date: 17.APR.2017 11:17:46



Worldwide Testing Services(Taiwan) Co., Ltd.

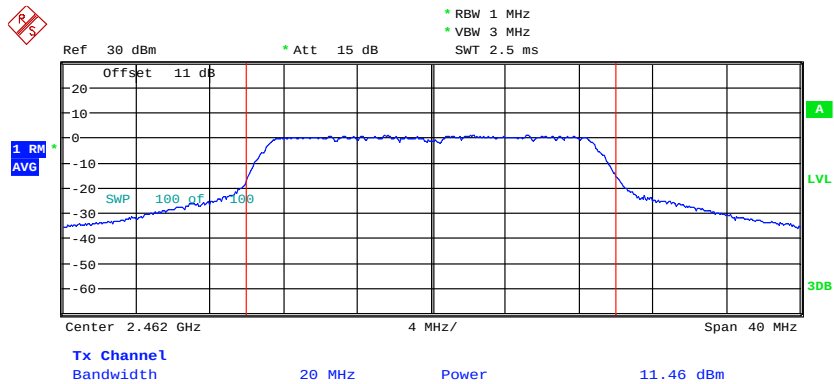
Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR



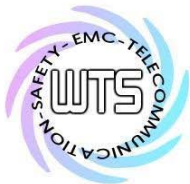
MAX OUTPUT POWER 802.11N 20MHZ CH6

Date: 17.APR.2017 11:32:48



MAX OUTPUT POWER 802.11N 20MHZ CH11

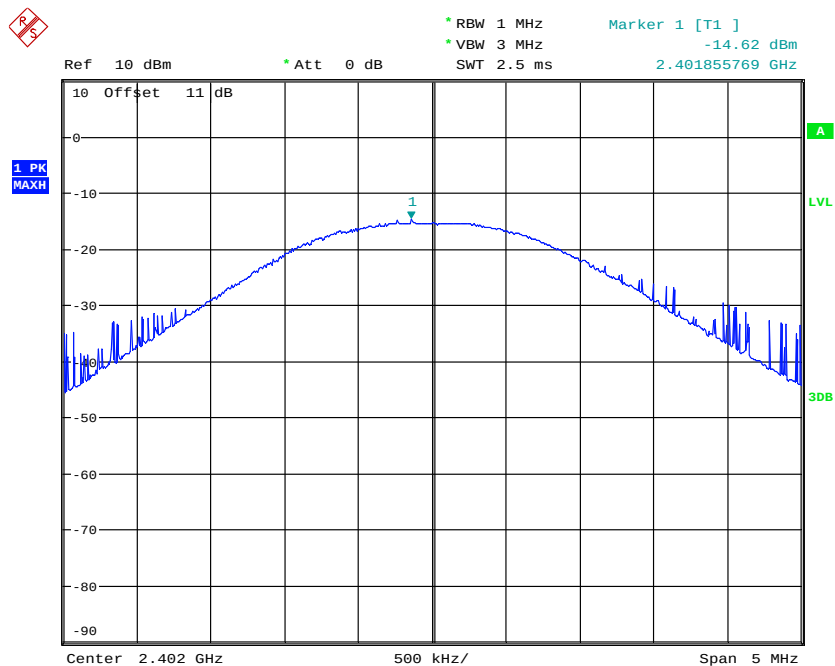
Date: 17.APR.2017 11:36:06



Registration number: W6M21703-16710-C-1

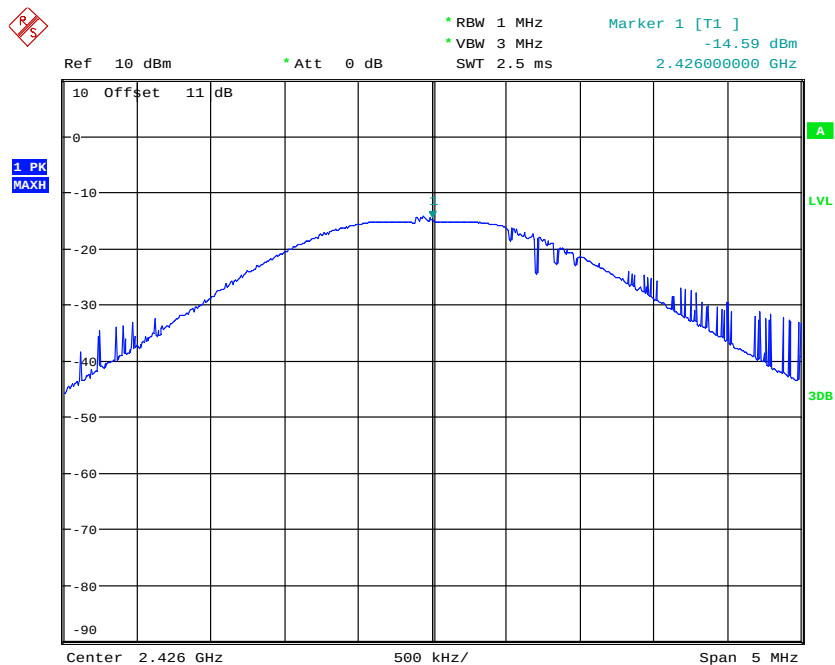
FCC ID: 2ALG8RMBU3GTR

Mode D



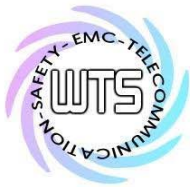
MAX OUTPUT POWER BT4.0 2402MHZ

Date: 17.APR.2017 14:24:49



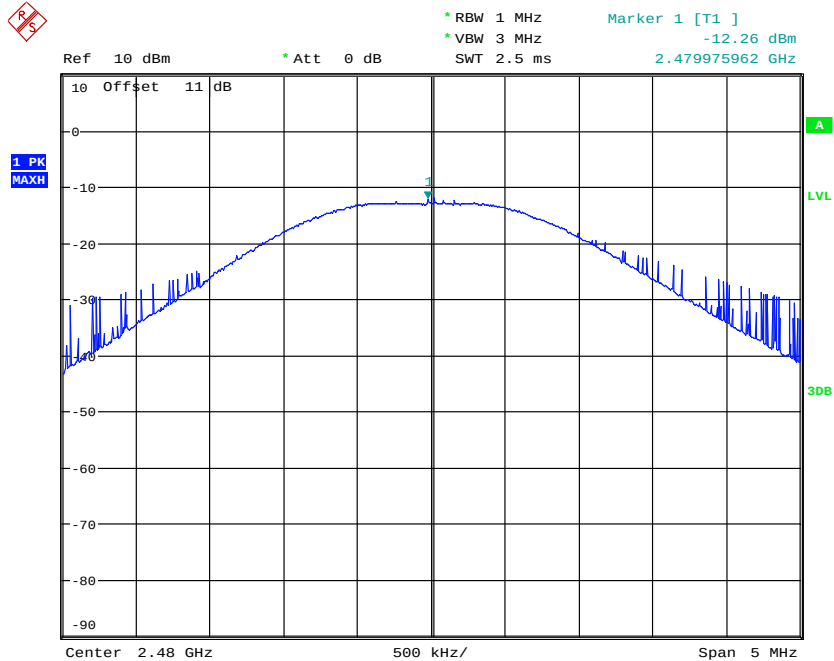
MAX OUTPUT POWER BT4.0 2426MHZ

Date: 17.APR.2017 14:26:03



Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR



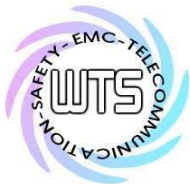
MAX OUTPUT POWER BT4.0 2480MHZ
Date: 17.APR.2017 14:27:32

Limits:

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

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

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



Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR

3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power

EIRP = 13.98 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

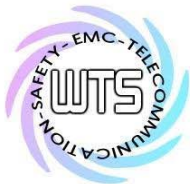
D – Cable Loss

AG – Antenna Gain

Item	Unit	Value	Remarks
P	mW	25.0035	Peak value
D	dB		
AG	dBi	0	
G		1	Calculated Value
R	cm	20	Assumed value
S	mW/cm ²	0.0050	Calculated value

Limits:

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



Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR

3.4 Transmitter Radiated Emissions in Restricted Bands

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

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

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

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

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

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

Limits.

For frequencies below 1GHz:

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

For frequencies above 1GHz (Average measurements).

Guidance on Measurement of Digit Transmission Systems:

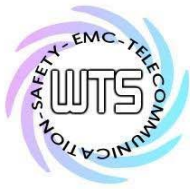
“If the emission is pulsed, modify the unit for continuous operation, use the setting shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.”

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

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

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

Explanation: see attached diagrams in Appendix.



Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR

3.5 Spurious Emissions (tx)

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

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

FCC Rule: 15.247(c), 15.35

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

Limits:

For frequencies above 1GHz (Peak measurements).

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

For frequencies above 1GHz (Average measurements).

Max. reading – 20dB

Max. reading – 20 dB

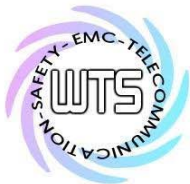
Guidance on Measurement of Digit Transmission Systems:

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

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

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

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21703-16710-C-1

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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: RMBU_3GTR

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)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

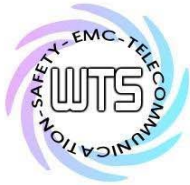
Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result (dBuV/m)		Limit (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (m)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

Note

1. **Correction Factor = Antenna factor + Cable loss - Preamplifier**
2. **The formula of measured value as: Test Result = Reading + Correction Factor**
3. **Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average**
4. **All not in the table noted test results are more than 20 dB below the relevant limits.**
5. **Measurement uncertainty for 3m measurement: 30-1000 MHz = ±3.30 dB, 1-18 GHz = ± 2.28 dB, 18-40 GHz= ± 2.19 dB ; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.**
6. **See attached diagrams in appendix.**

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

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



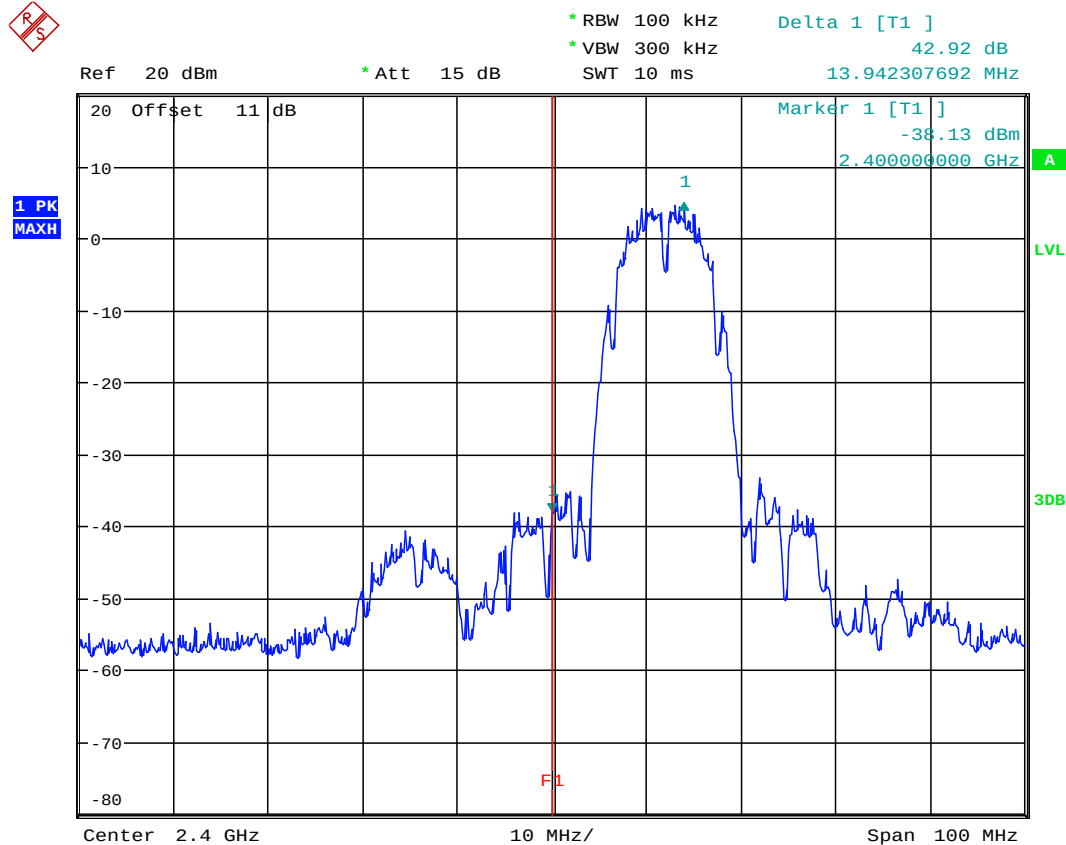
Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

3.6 Radiated Emission on the band edge

According to FCC rules part 15 subpart C §15.247(d) in any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in § 15.209(a) is not required.

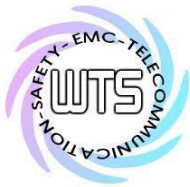
In addition radiated emission which fall in the restricted bands, as defined in section 15.205(a), must also with the radiated emission limits.

Mode A

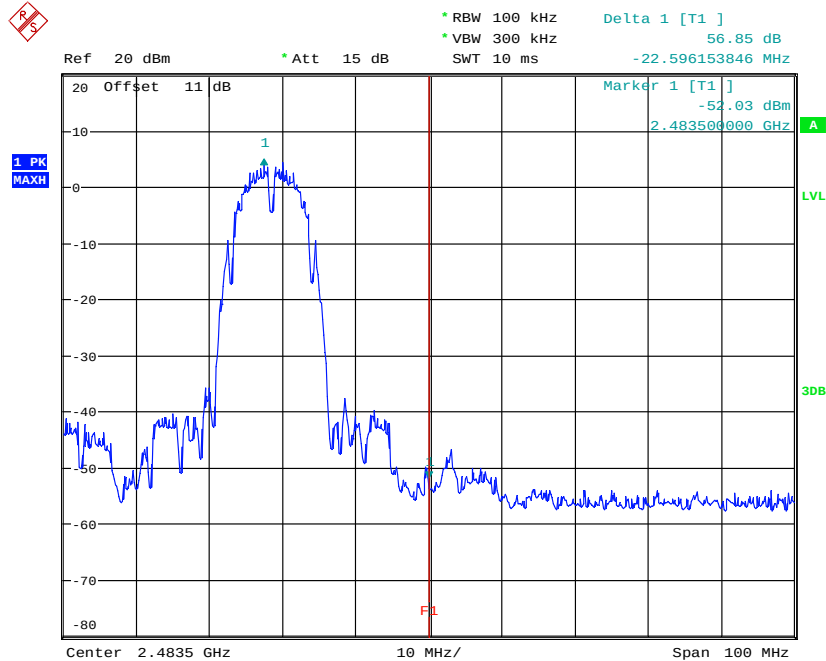


BANDEGE 802.11B CH01

Date: 17.APR.2017 11:03:21

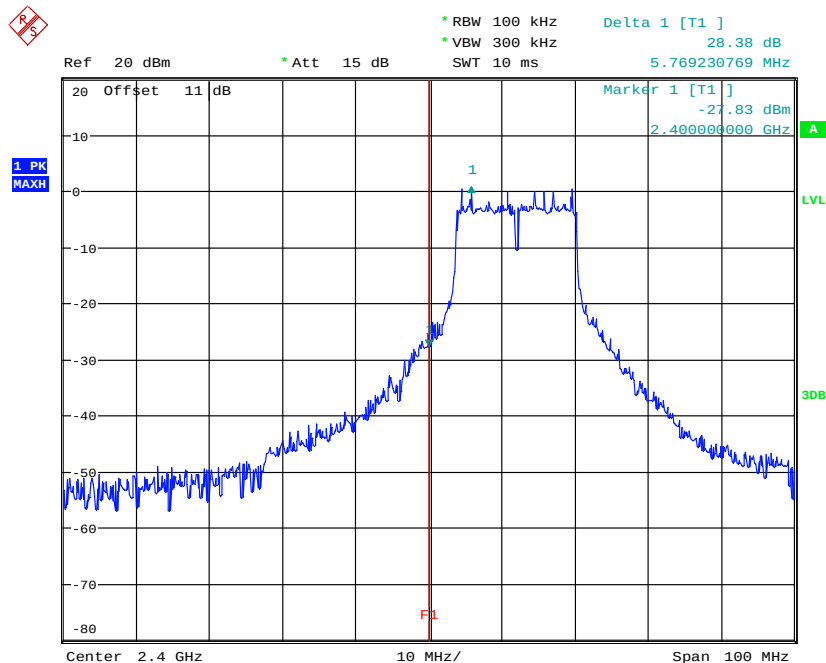


Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

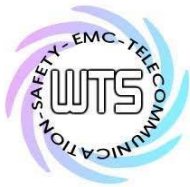


BANDEDGE 802.11B CH11
Date: 17.APR.2017 11:07:15

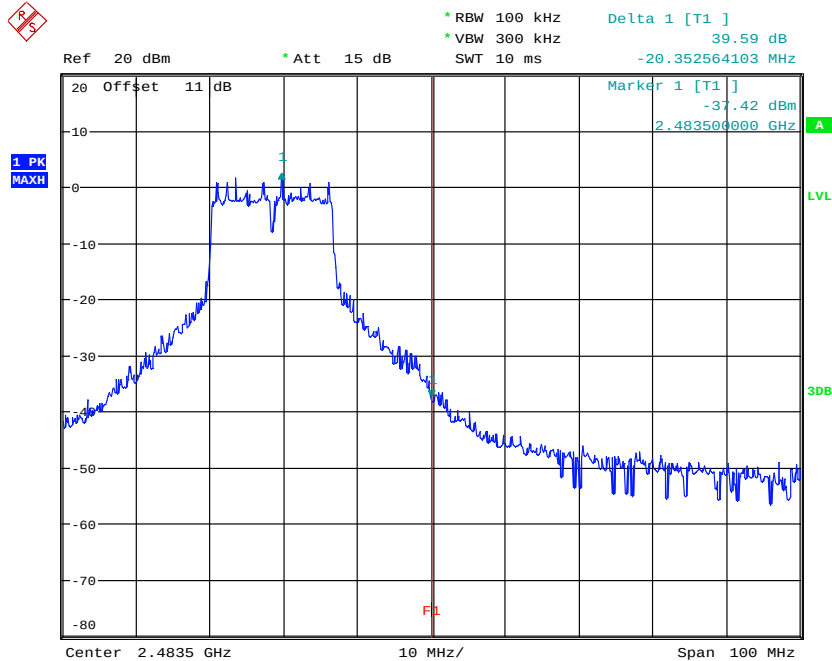
Mode B



BANDEDGE 802.11G CH01
Date: 17.APR.2017 11:09:46

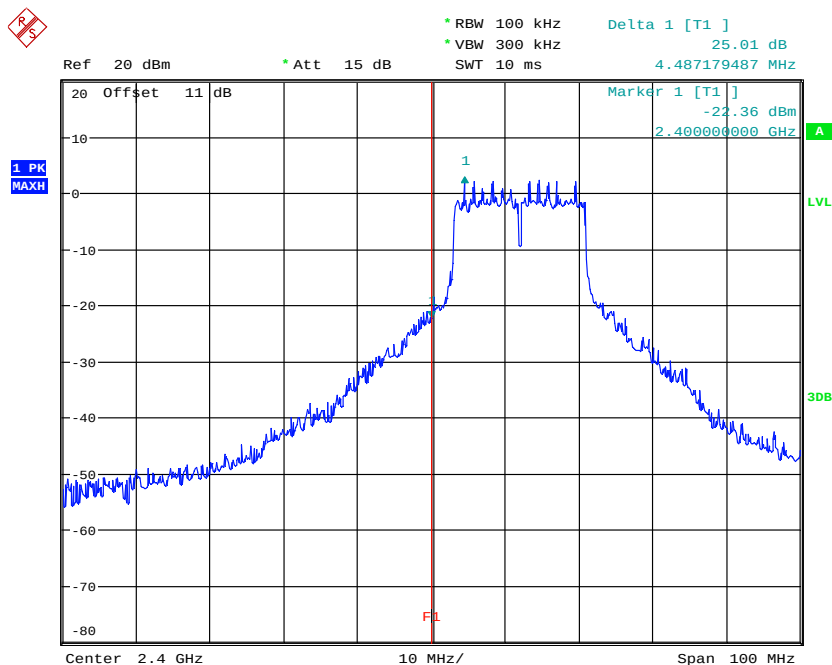


Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

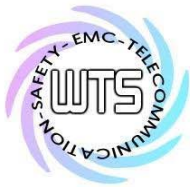


BANDEDGE 802.11G CH11
Date: 17.APR.2017 11:16:31

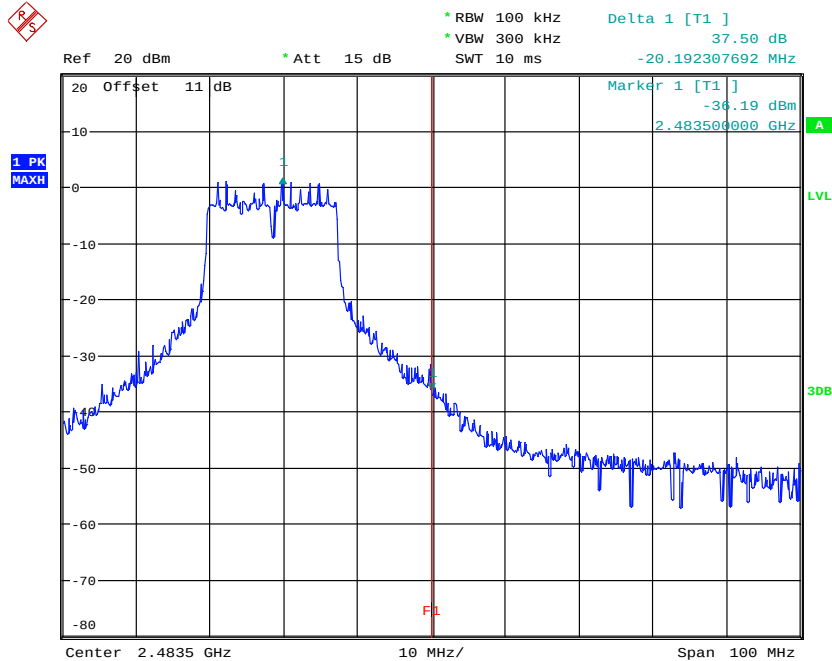
Mode C



BANDEDGE 802.11N 20MHZ CH01
Date: 17.APR.2017 11:18:07

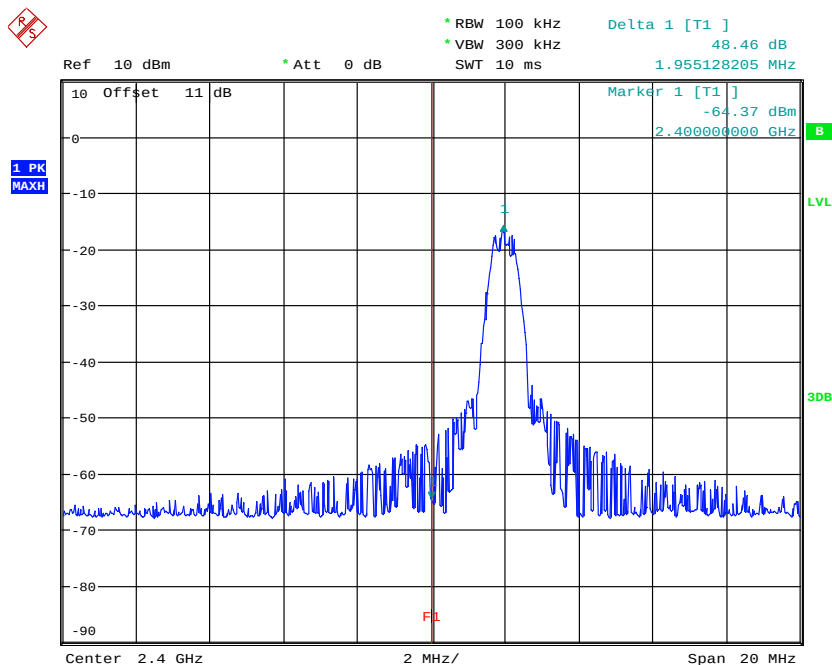


Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

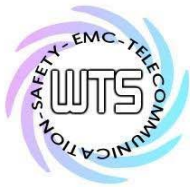


BANDEDGE 802.11N 20MHZ CH11
Date: 17.APR.2017 11:36:30

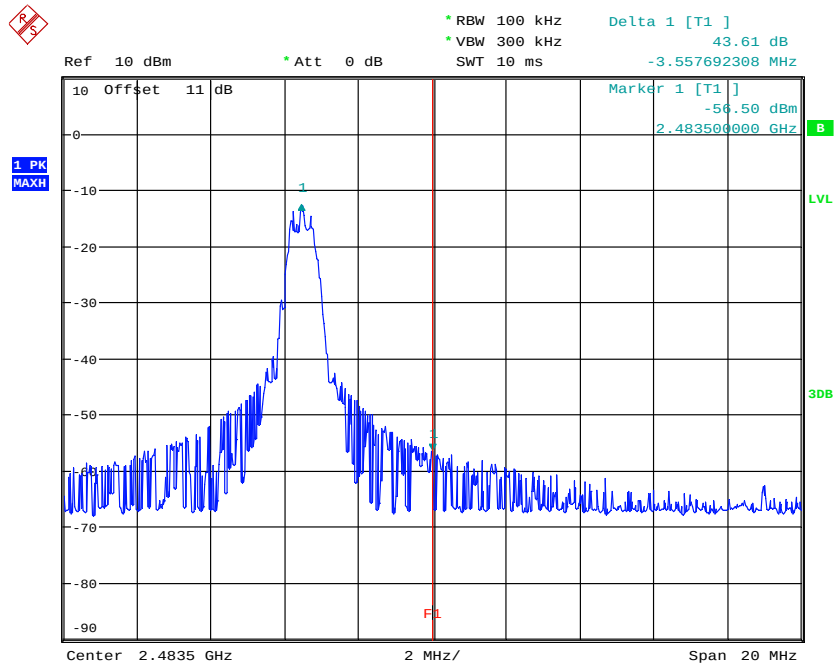
Mode D



BANDEDGE BT4.0 2402MHZ
Date: 17.APR.2017 14:50:02



Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

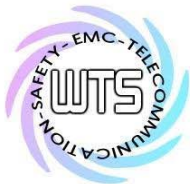


BANDEDGE BT4.0 2480MHZ
Date: 17.APR.2017 15:01:36

Limit:

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

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



Registration number: W6M21703-16710-C-1

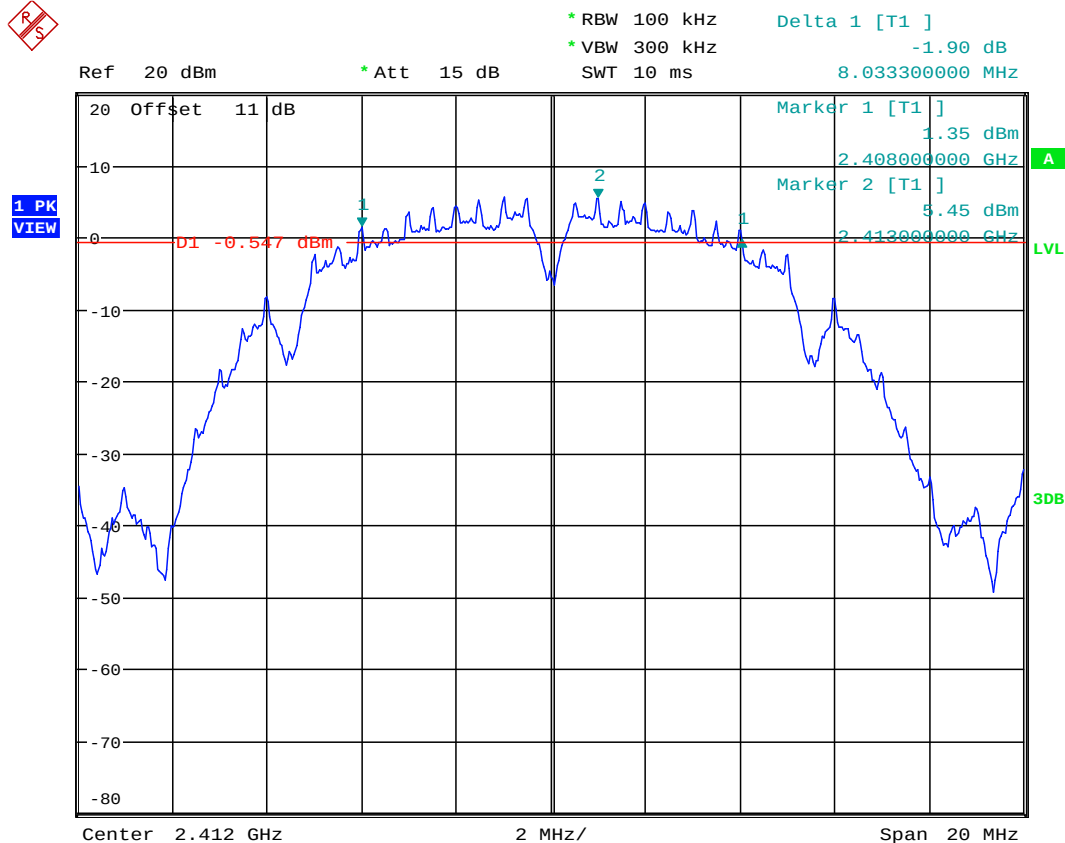
FCC ID: 2ALG8RMBU3GTR

3.7 Minimum 6 dB Bandwidth

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

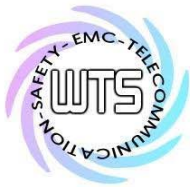
The 6 dB bandwidth is the frequency difference between the two markers.

Mode A

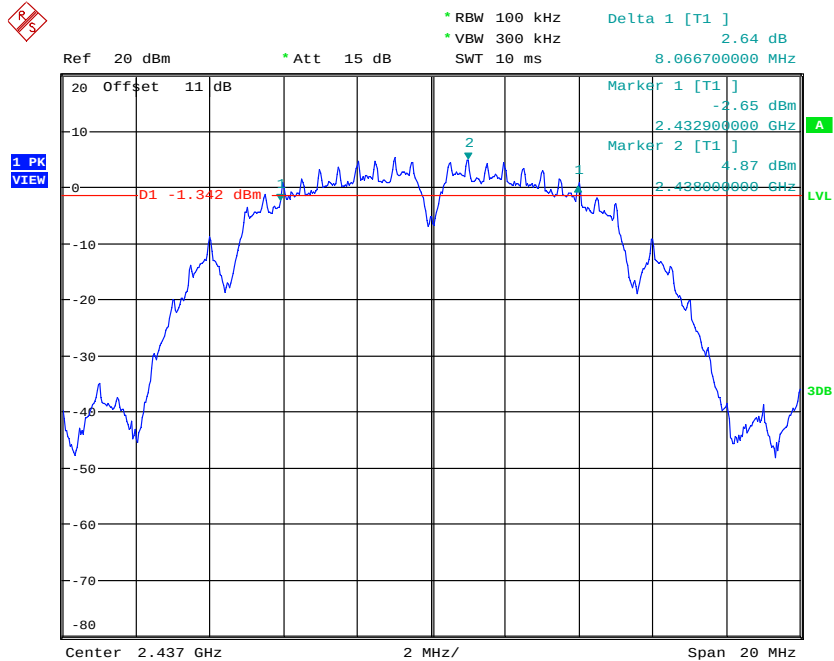


6DB BANDWIDTH 802.11B CH01

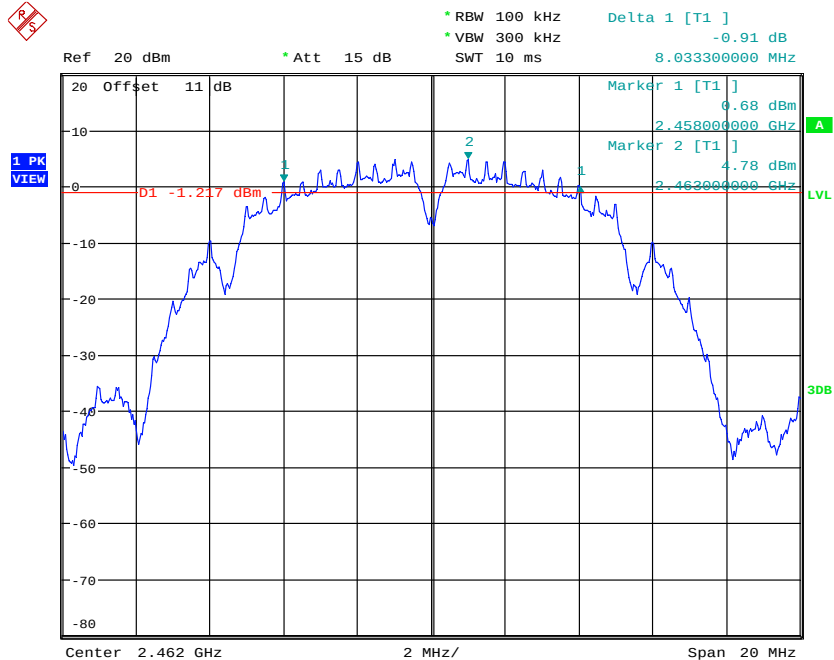
Date: 17.APR.2017 11:03:07



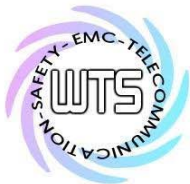
Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR



6DB BANDWIDTH 802.11B CH06
Date: 17.APR.2017 11:04:21



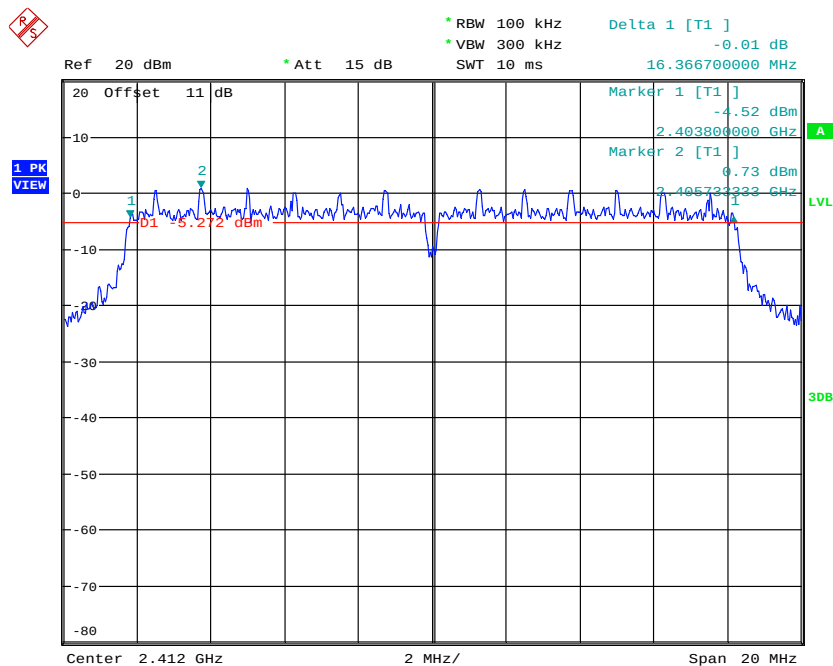
6DB BANDWIDTH 802.11B CH11
Date: 17.APR.2017 11:07:00



Registration number: W6M21703-16710-C-1

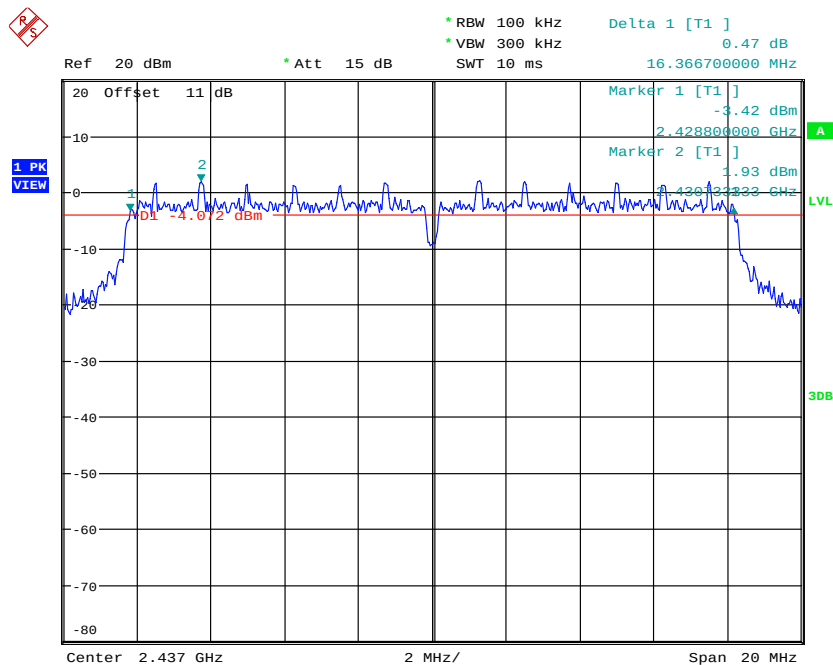
FCC ID: 2ALG8RMBU3GTR

Mode B



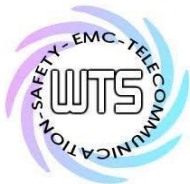
6DB BANDWIDTH 802.11G CH01

Date: 17.APR.2017 11:09:32



6DB BANDWIDTH 802.11G CH06

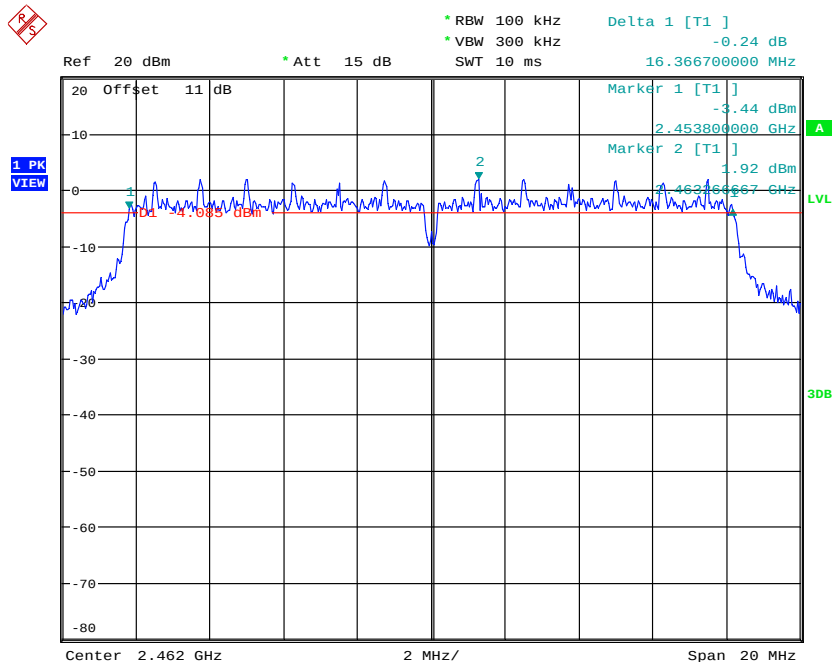
Date: 17.APR.2017 11:13:24



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21703-16710-C-1

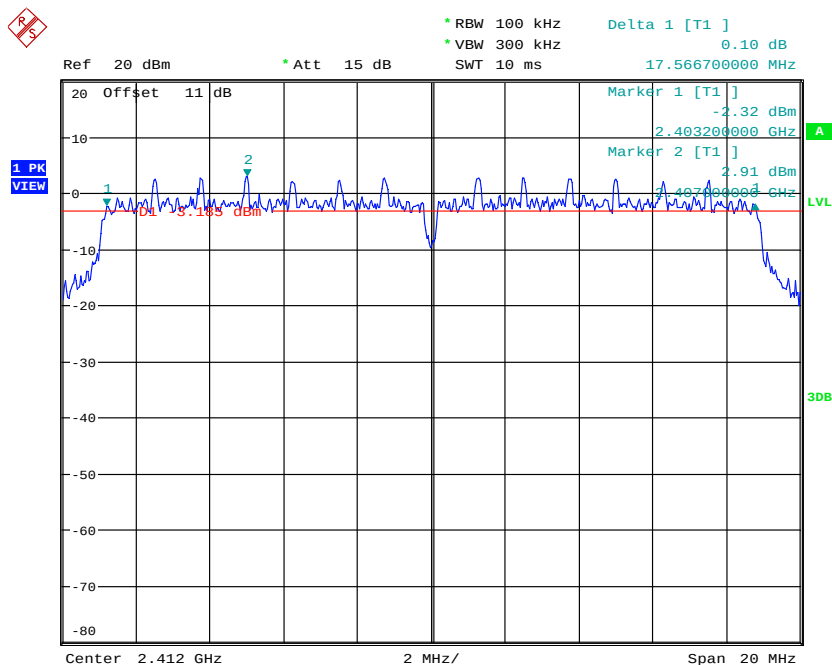
FCC ID: 2ALG8RMBU3GTR



6DB BANDWIDTH 802.11G CH11

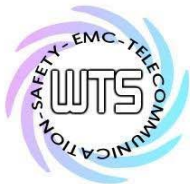
Date: 17.APR.2017 11:16:17

Mode C



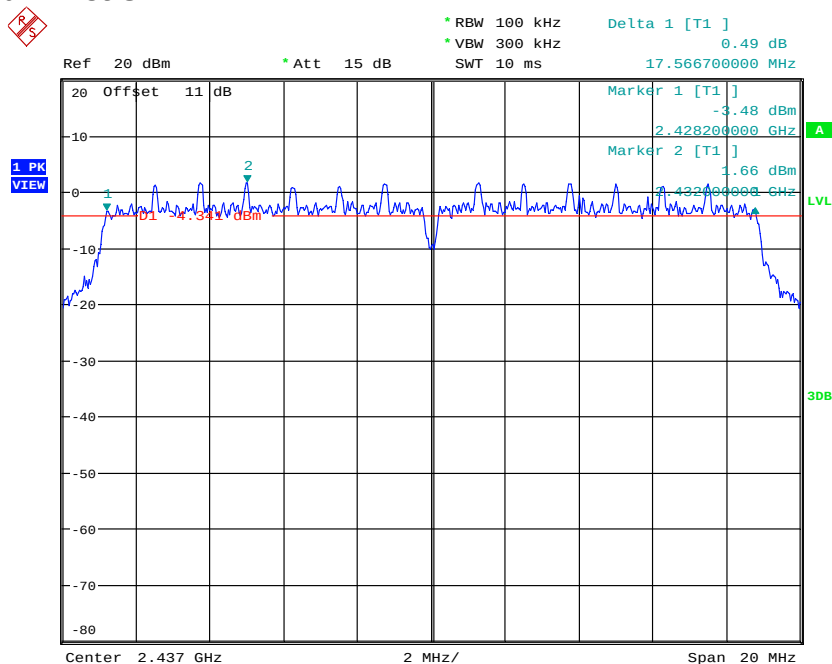
6DB BANDWIDTH 802.11N 20MHZ CH1

Date: 17.APR.2017 11:17:53



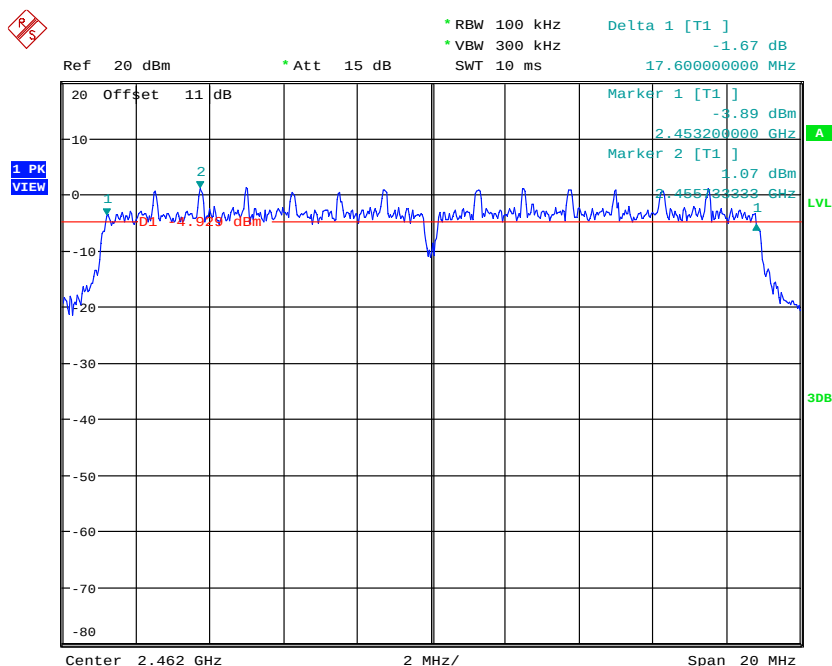
Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR



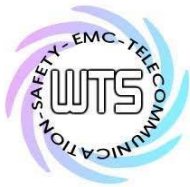
6DB BANDWIDTH 802.11N 20MHZ CH6

Date: 17.APR.2017 11:32:55



6DB BANDWIDTH 802.11N 20MHZ CH11

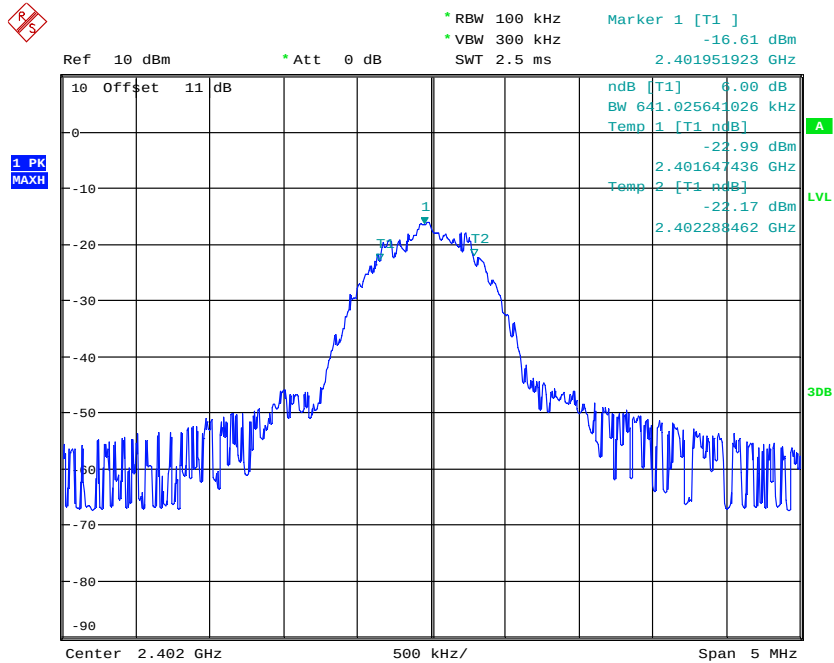
Date: 17.APR.2017 11:36:13



Registration number: W6M21703-16710-C-1

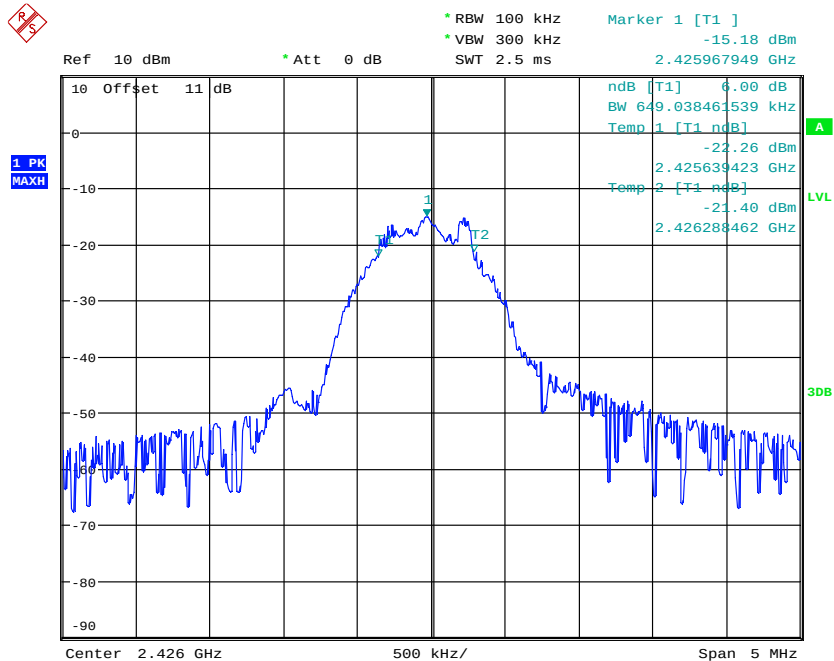
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Mode D



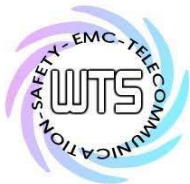
6DB BANDWIDTH BT4.0 2402MHZ

Date: 17.APR.2017 14:40:58



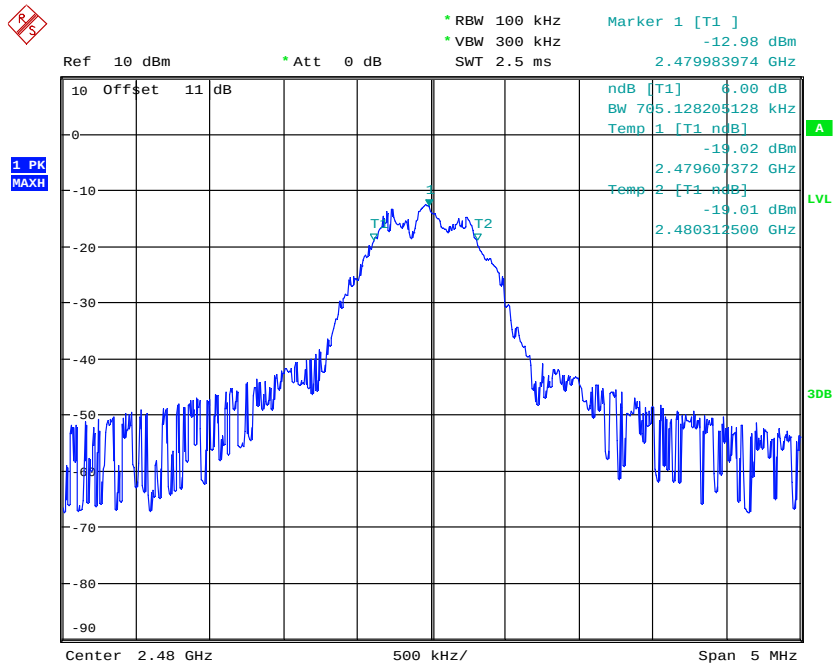
6DB BANDWIDTH BT4.0 2426MHZ

Date: 17.APR.2017 14:36:44



Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR



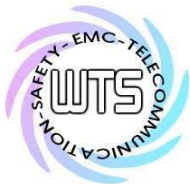
6DB BANDWIDTH BT4.0 2480MHZ

Date: 17.APR.2017 14:32:23

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: W6M21703-16710-C-1

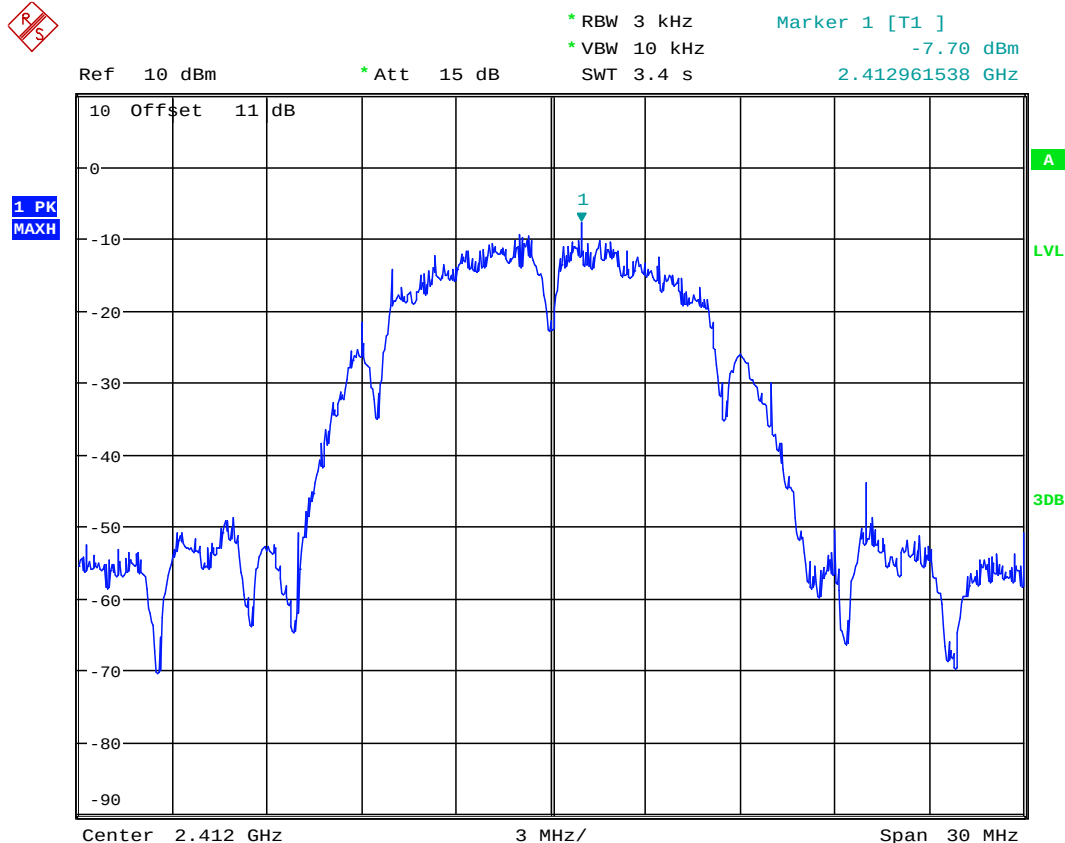
FCC ID: 2ALG8RMBU3GTR

3.8 Peak Power Spectral Density

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

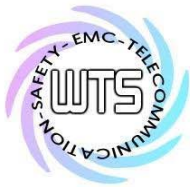
The peak output power is measured with a measurement bandwidth of 10 MHz and displayed on diagram together with Peak Power Spectral Density result which was measured with a bandwidth of 3 kHz, appreciate frequency span and sweep time.

Mode A

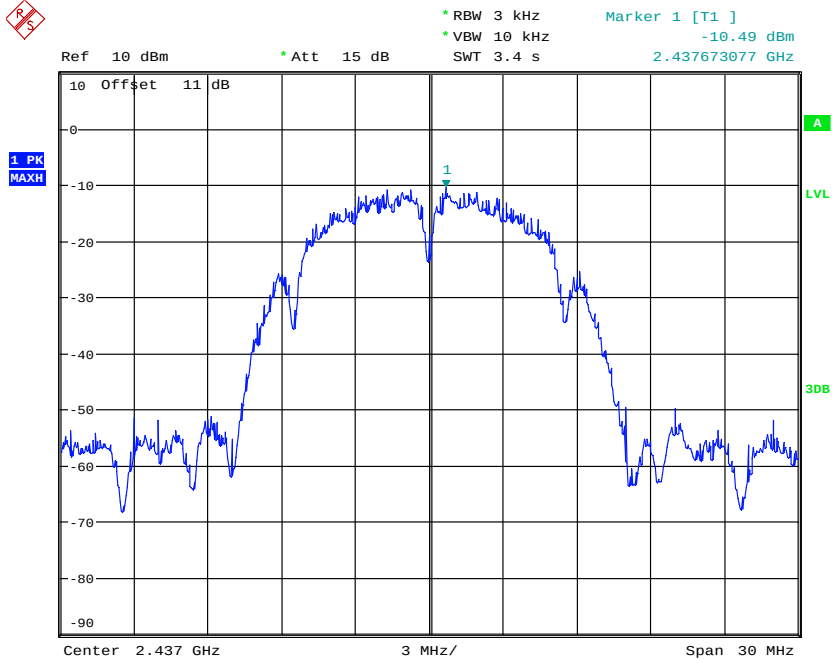


POWER DENSITY 802.11B CH01

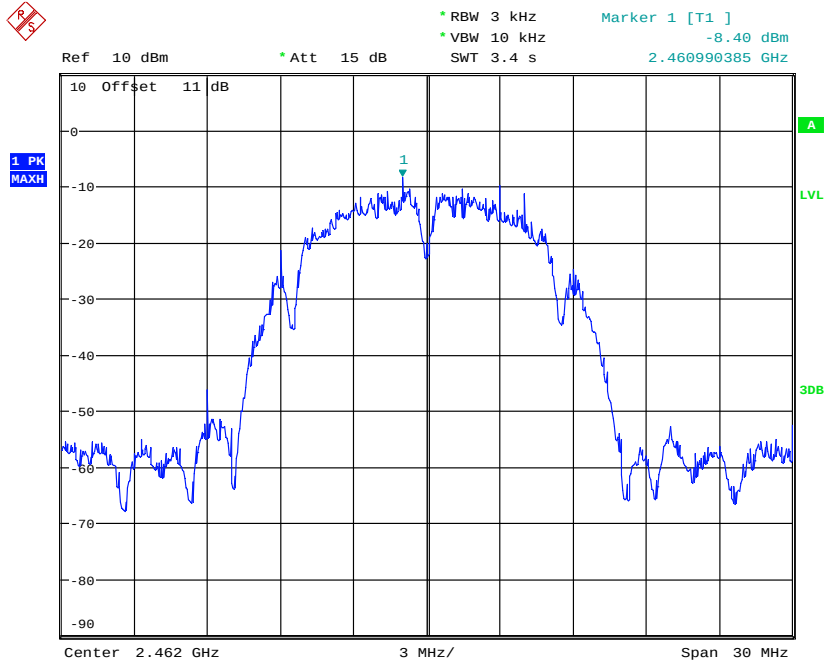
Date: 17.APR.2017 11:03:16



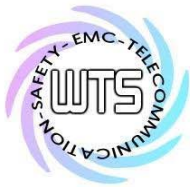
Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR



POWER DENSITY 802.11B CH06
Date: 17.APR.2017 11:04:30



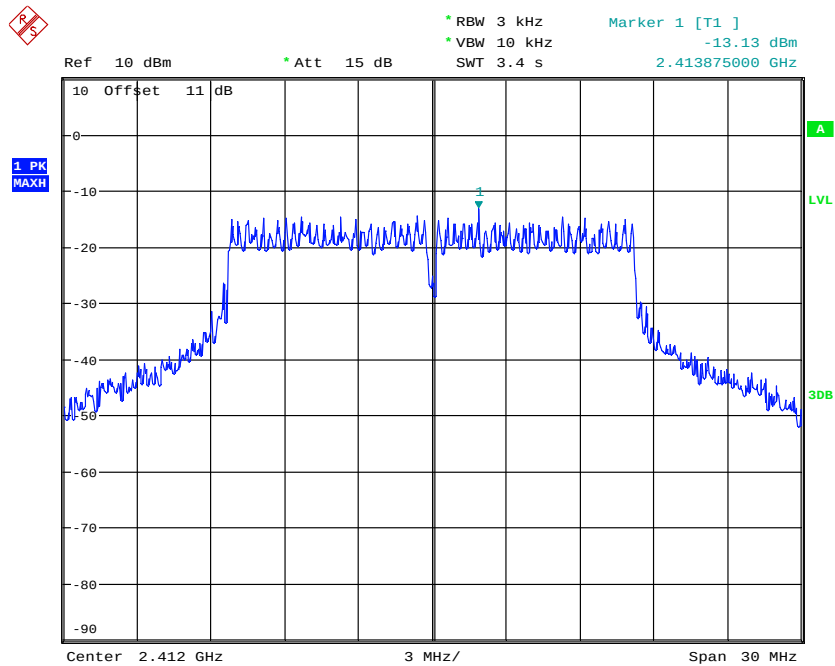
POWER DENSITY 802.11B CH11
Date: 17.APR.2017 11:07:09



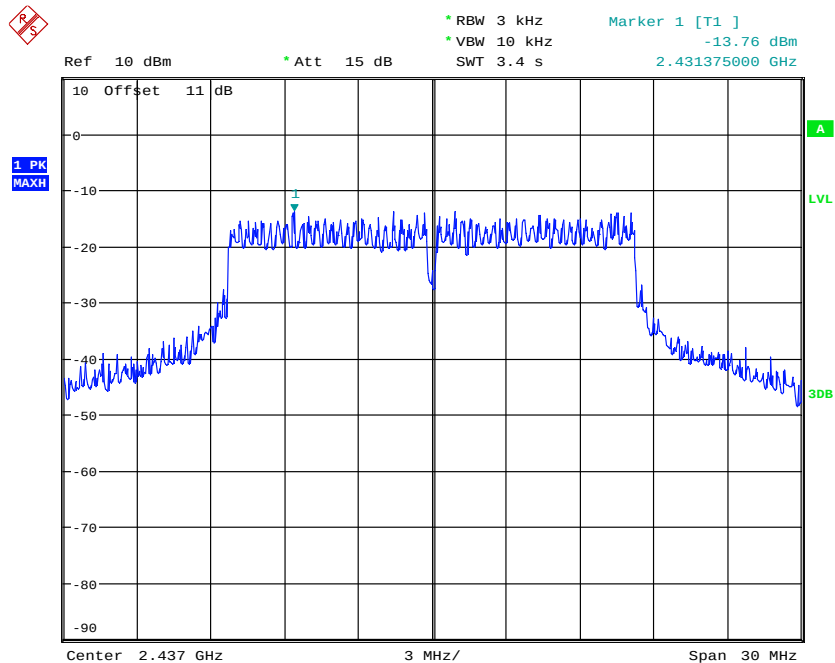
Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR

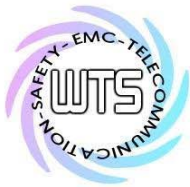
Mode B



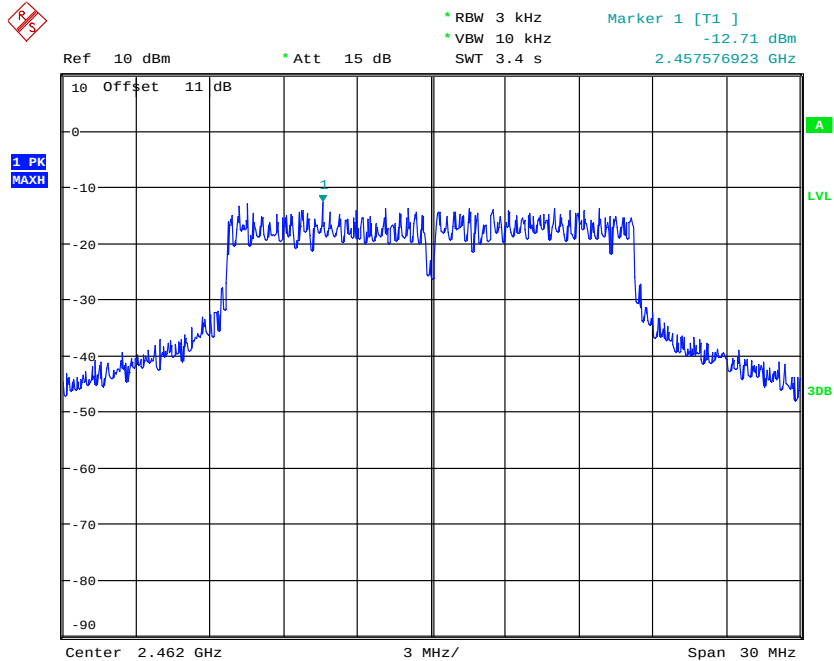
POWER DENSITY 802.11G CH01
Date: 17.APR.2017 11:09:41



POWER DENSITY 802.11G CH06
Date: 17.APR.2017 11:13:33

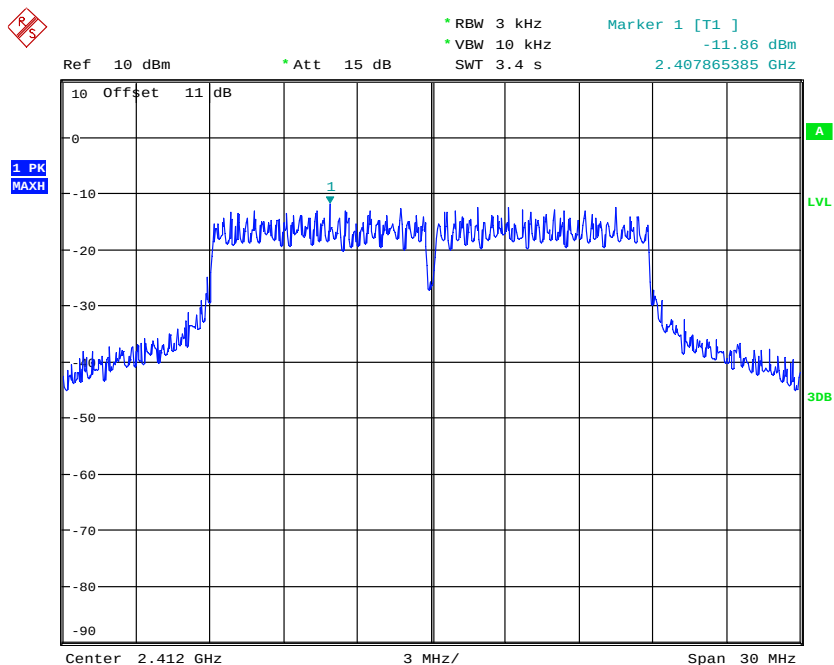


Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

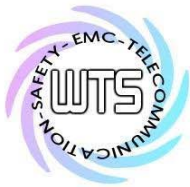


POWER DENSITY 802.11G CH11
Date: 17.APR.2017 11:16:26

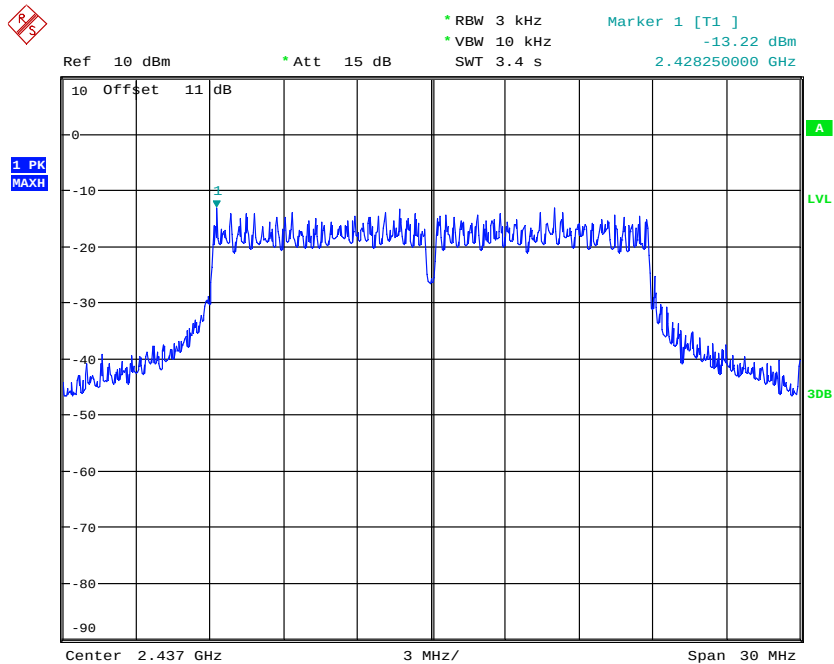
Mode C



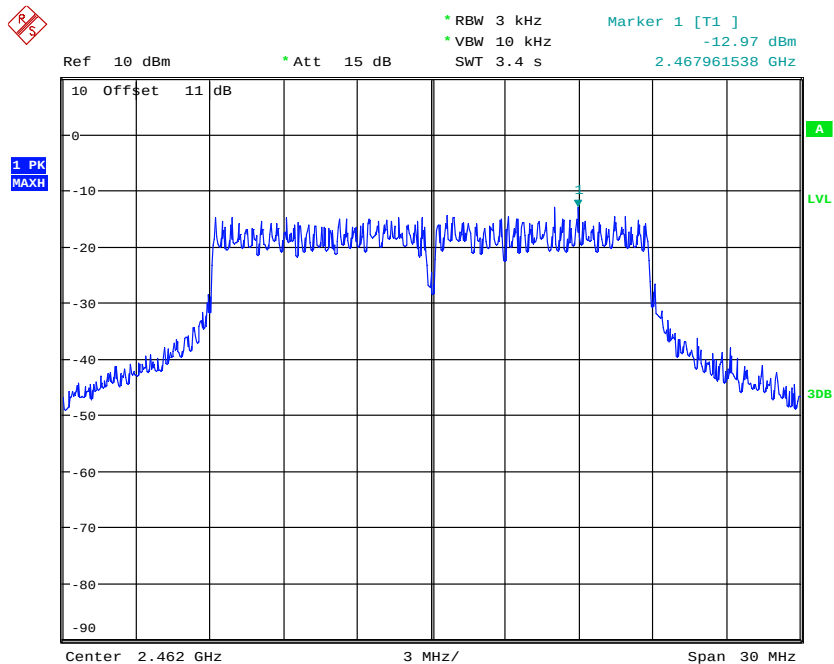
POWER DENSITY 802.11N 20MHZ CH1
Date: 17.APR.2017 11:18:02



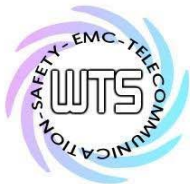
Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR



POWER DENSITY 802.11N 20MHZ CH6
Date: 17.APR.2017 11:33:04



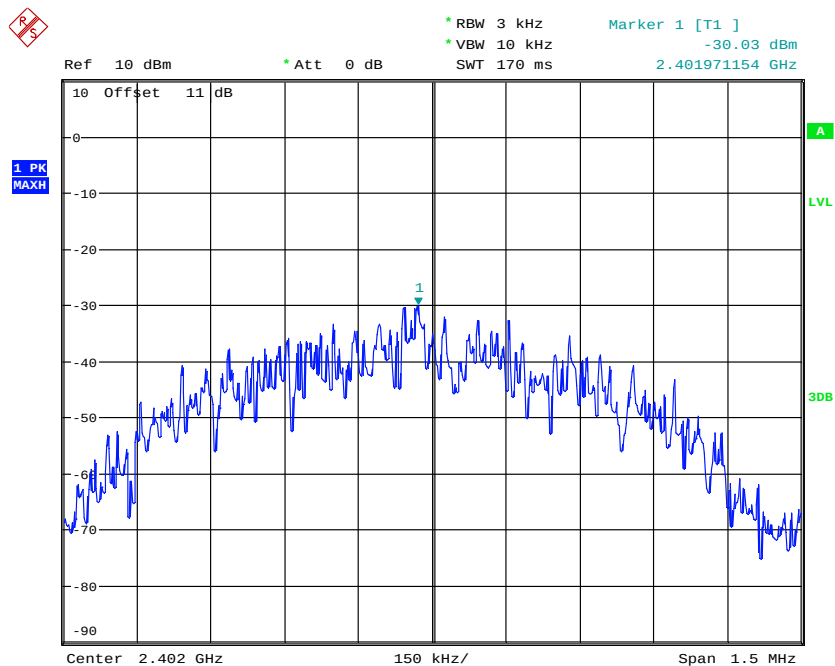
POWER DENSITY 802.11N 20MHZ CH11
Date: 17.APR.2017 11:36:25



Registration number: W6M21703-16710-C-1

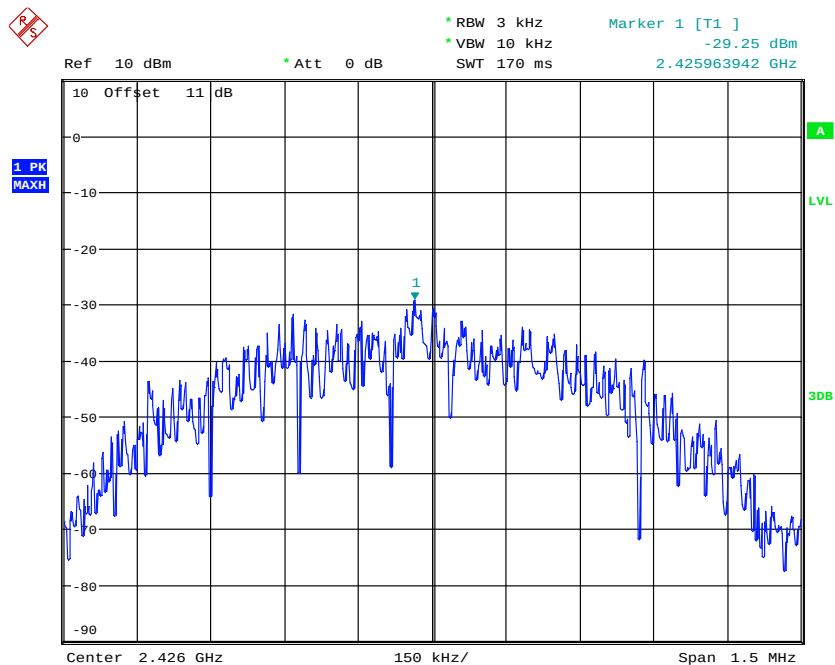
FCC ID: 2ALG8RMBU3GTR

Mode D



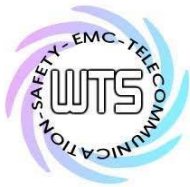
POWER DENSITY BT4.0 2402MHZ

Date: 17.APR.2017 14:46:53

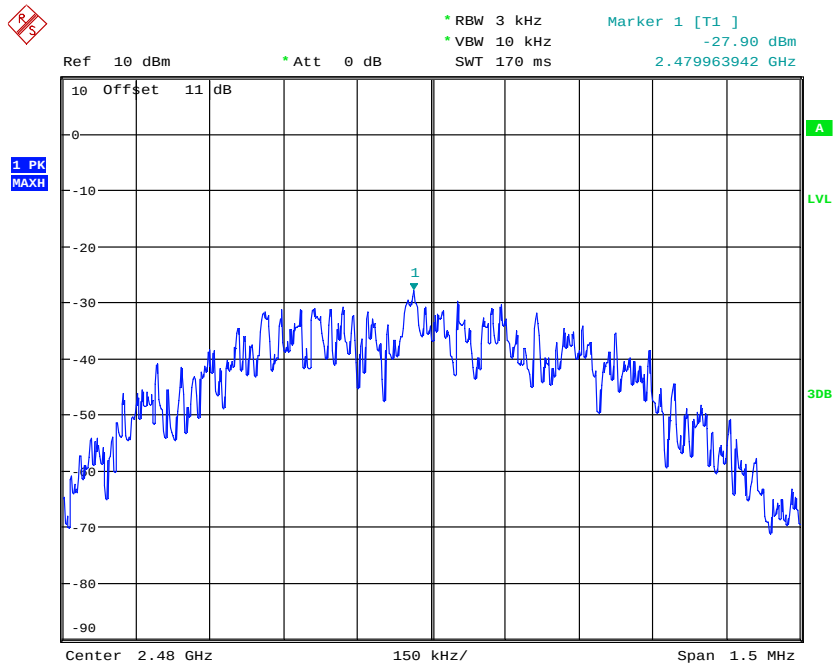


POWER DENSITY BT4.0 2426MHZ

Date: 17.APR.2017 15:03:52



Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

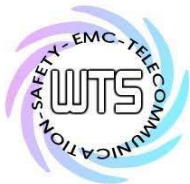


POWER DENSITY BT4.0 2480MHZ
Date: 17.APR.2017 14:58:38

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: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR

3.9 Radiated Emission from Digital Part

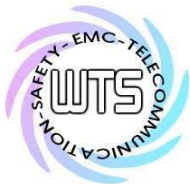
FCC Rule: 15.109

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

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

Test equipment used: ETSTW-RE 055, ETSTW-RE 064, ETSTW-RE 004, ETSTW-RE 030
ETSTW-RE 062, ETSTW-RE 142, ETSTW-RE 147

Explanation: The test results are listed in the separated test report no.: W6M21703-16710-P-15B.



Registration number: W6M21703-16710-C-1

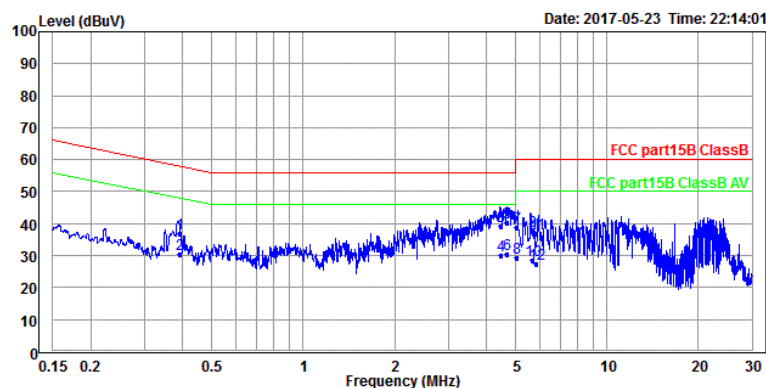
FCC ID: 2ALG8RMBU3GTR

3.10 Power Line Conducted Emission

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

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

Mode 2



Condition: FCC part15B ClassB ENV216 neutral

EUT : W6M21703-16710

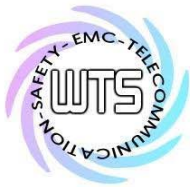
Mode : Charge-Battery -2

Power : 120 Va.c.

Operator : Spencer

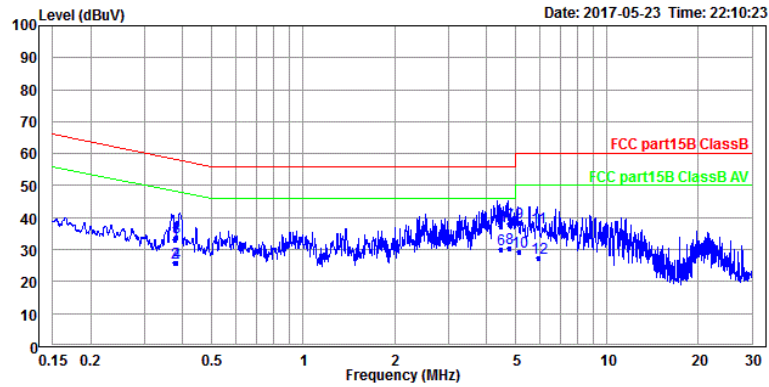
Note :

				Read	Limit	Over		
	Freq	Level	Level	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB		
1	0.392	36.98	27.18	9.80	58.01	-21.03	neutral	QP
2	0.392	30.44	20.64	9.80	48.01	-17.57	neutral	Average
3	4.493	39.28	29.41	9.87	56.00	-16.72	neutral	QP
4	4.493	30.20	20.33	9.87	46.00	-15.80	neutral	Average
5 *	4.705	40.40	30.52	9.88	56.00	-15.60	neutral	QP
6	4.705	30.31	20.43	9.88	46.00	-15.69	neutral	Average
7	5.051	38.65	28.76	9.89	60.00	-21.35	neutral	QP
8	5.051	29.31	19.42	9.89	50.00	-20.69	neutral	Average
9	5.689	37.65	27.74	9.91	60.00	-22.35	neutral	QP
10	5.689	28.42	18.51	9.91	50.00	-21.58	neutral	Average
11	5.861	36.72	26.80	9.92	60.00	-23.28	neutral	QP
12	5.861	27.26	17.34	9.92	50.00	-22.74	neutral	Average



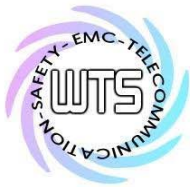
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR



Condition: FCC part15B ClassB ENV216 line
EUT : W6M21703-16710
Mode : Charge-Battery -2
Power : 120 Va.c.
Operator : Spencer
Note :

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Factor	Line	Limit	Pol/Phase Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.379	32.97	23.18	9.79	58.30	-25.33	line QP
2	0.379	25.74	15.95	9.79	48.30	-22.56	line Average
3	0.383	34.00	24.21	9.79	58.20	-24.20	line QP
4	0.383	25.80	16.01	9.79	48.20	-22.40	line Average
5	4.477	37.10	27.24	9.86	56.00	-18.90	line QP
6	4.477	29.97	20.11	9.86	46.00	-16.03	line Average
7	4.782	38.06	28.20	9.86	56.00	-17.94	line QP
8 *	4.782	30.31	20.45	9.86	46.00	-15.69	line Average
9	5.131	38.43	28.56	9.87	60.00	-21.57	line QP
10	5.131	29.31	19.44	9.87	50.00	-20.69	line Average
11	5.944	36.87	26.99	9.88	60.00	-23.13	line QP
12	5.944	27.37	17.49	9.88	50.00	-22.63	line Average

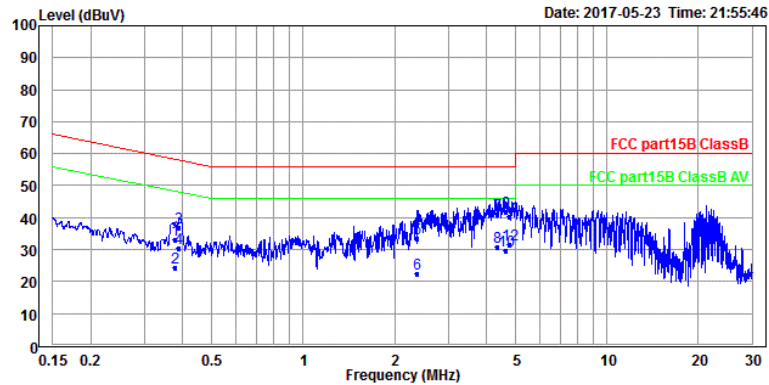


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR

Mode 3



Condition: FCC part15B ClassB ENV216 neutral

EUT : W6M21703-16710

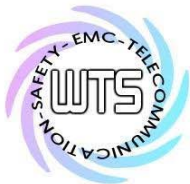
Mode : Charge-Battery -3

Power : 120 Va.c.

Operator : Spencer

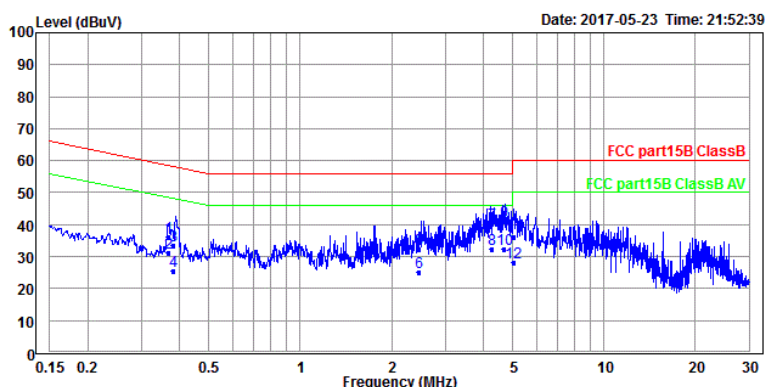
Note :

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB	dBuV	dB		
1	0.378	33.23	23.43	9.80	58.32	-25.09	neutral
2	0.378	24.46	14.66	9.80	48.32	-23.86	neutral
3	0.391	36.96	27.16	9.80	58.04	-21.08	neutral
4	0.391	30.33	20.53	9.80	48.04	-17.71	neutral
5	2.364	33.63	23.74	9.89	56.00	-22.37	neutral
6	2.364	22.47	12.58	9.89	46.00	-23.53	neutral
7	4.369	41.07	31.20	9.87	56.00	-14.93	neutral
8	4.369	30.77	20.90	9.87	46.00	-15.23	neutral
9 *	4.648	41.64	31.76	9.88	56.00	-14.36	neutral
10	4.648	29.82	19.94	9.88	46.00	-16.18	neutral
11	4.780	40.49	30.61	9.88	56.00	-15.51	neutral
12	4.780	31.41	21.53	9.88	46.00	-14.59	neutral



Registration number: W6M21703-16710-C-1

FCC ID: 2ALG8RMBU3GTR



Condition: FCC part15B ClassB ENV216 line

EUT : W6M21703-16710

Mode : Charge-Battery -3

Power : 120 Va.c.

Operator : Spencer

Note :

	Freq	Level	Read	Limit	Over		
	MHz	dBuV	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB	dBuV	dB		
1	0.370	36.12	26.32	9.80	58.50	-22.38 line	QP
2	0.370	31.22	21.42	9.80	48.50	-17.28 line	Average
3	0.381	33.56	23.77	9.79	58.27	-24.71 line	QP
4	0.381	25.40	15.61	9.79	48.27	-22.87 line	Average
5	2.464	32.42	22.60	9.82	56.00	-23.58 line	QP
6	2.464	24.96	15.14	9.82	46.00	-21.04 line	Average
7	4.292	40.20	30.35	9.85	56.00	-15.80 line	QP
8	4.292	32.14	22.29	9.85	46.00	-13.86 line	Average
9	4.707	40.89	31.03	9.86	56.00	-15.11 line	QP
10 *	4.707	32.16	22.30	9.86	46.00	-13.84 line	Average
11	5.022	36.13	26.26	9.87	60.00	-23.87 line	QP
12	5.022	28.12	18.25	9.87	50.00	-21.88 line	Average

Note:1. The formula of measured value as: Test Result = Reading + Correction Factor

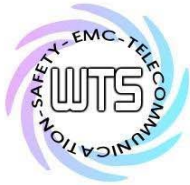
2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss

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 = ± 0.74 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.



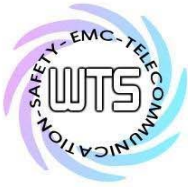
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

Limits:

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

Test equipment used: ETSTW-CE 001, ETSTW-CE 016, ETSTW-CE 028.

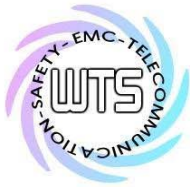


Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

Appendix

Measurement diagrams

Spurious Emissions radiated_TX



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

Appendix

Measurement diagrams

Spurious Emissions 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: Kent

File :1

Data :#1

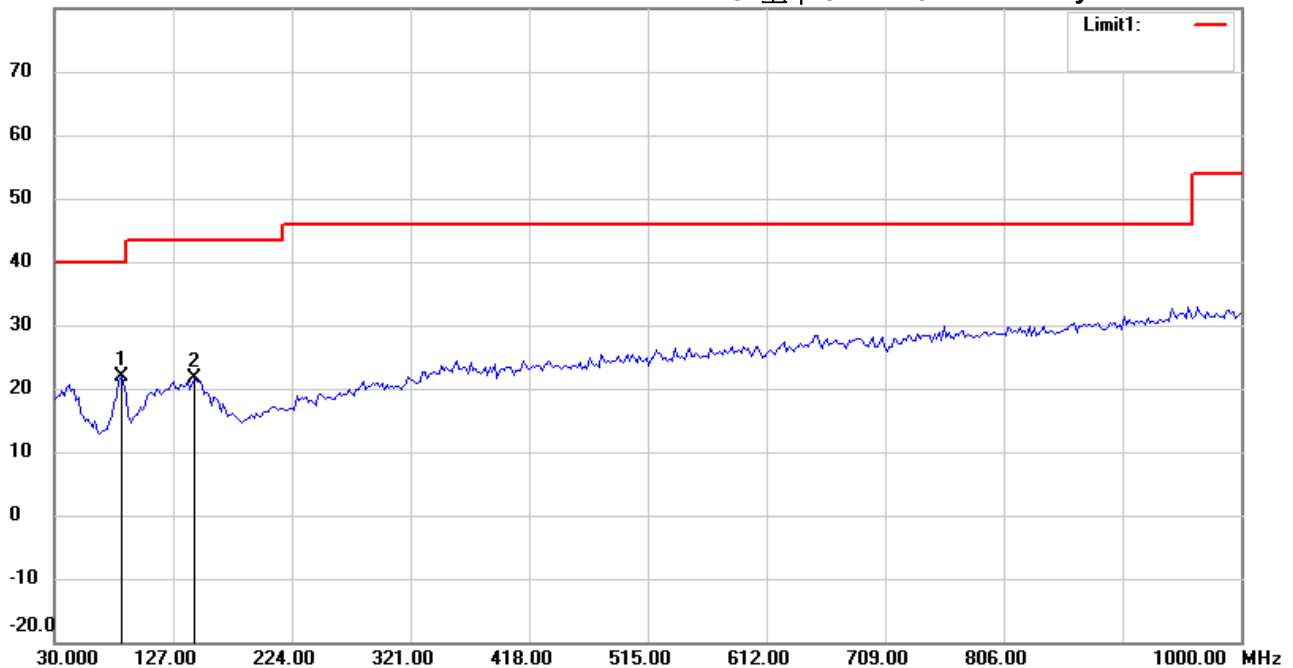
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:47:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	84.4288	35.98	peak	-14.03	21.95	40.00	100	55	-18.05	
	144.6894	28.93	peak	-7.33	21.60	43.50	100	230	-21.90	

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



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

Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

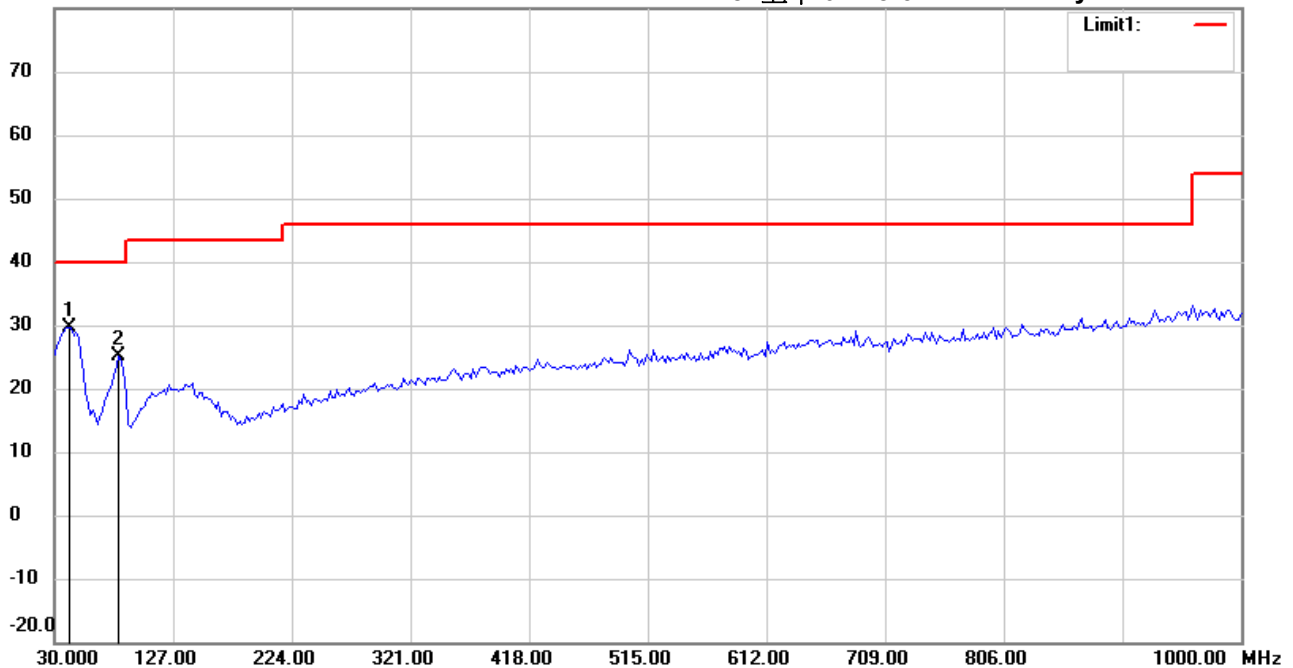
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:48:37

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	41.6633	39.25	peak	-9.64	29.61	40.00	100	175	-10.39	
	82.4850	39.17	peak	-14.11	25.06	40.00	100	90	-14.94	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

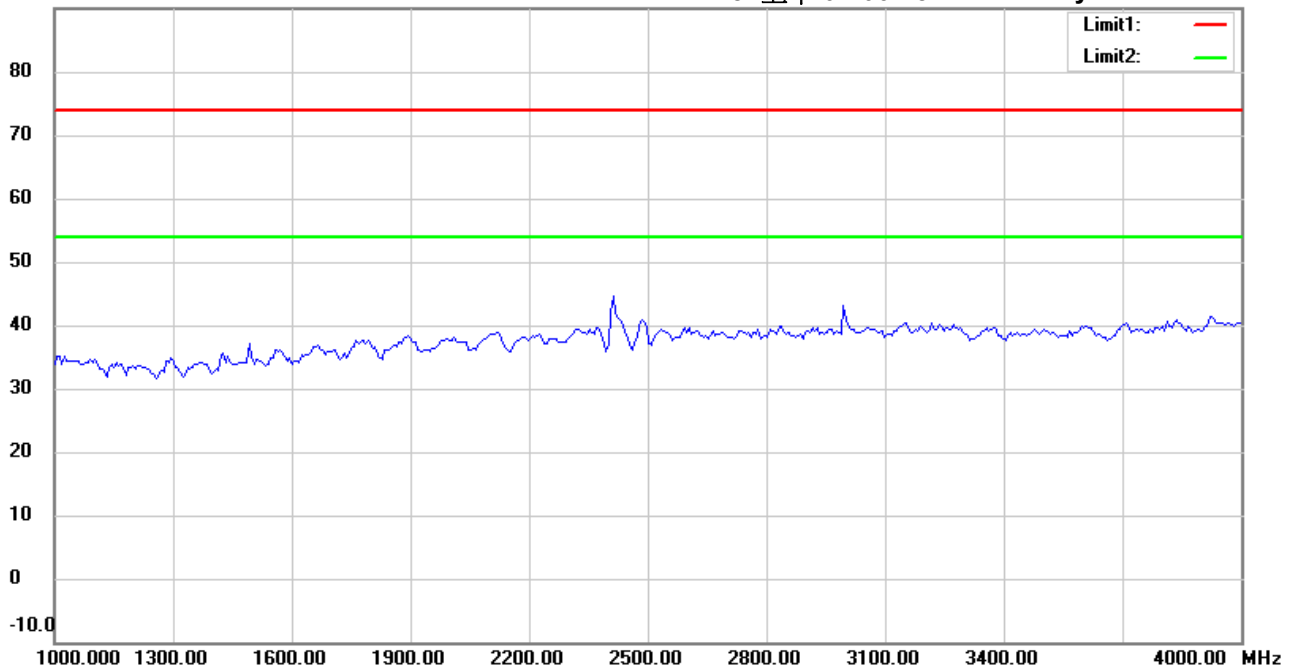
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:06:48

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File : 3

Data : #6

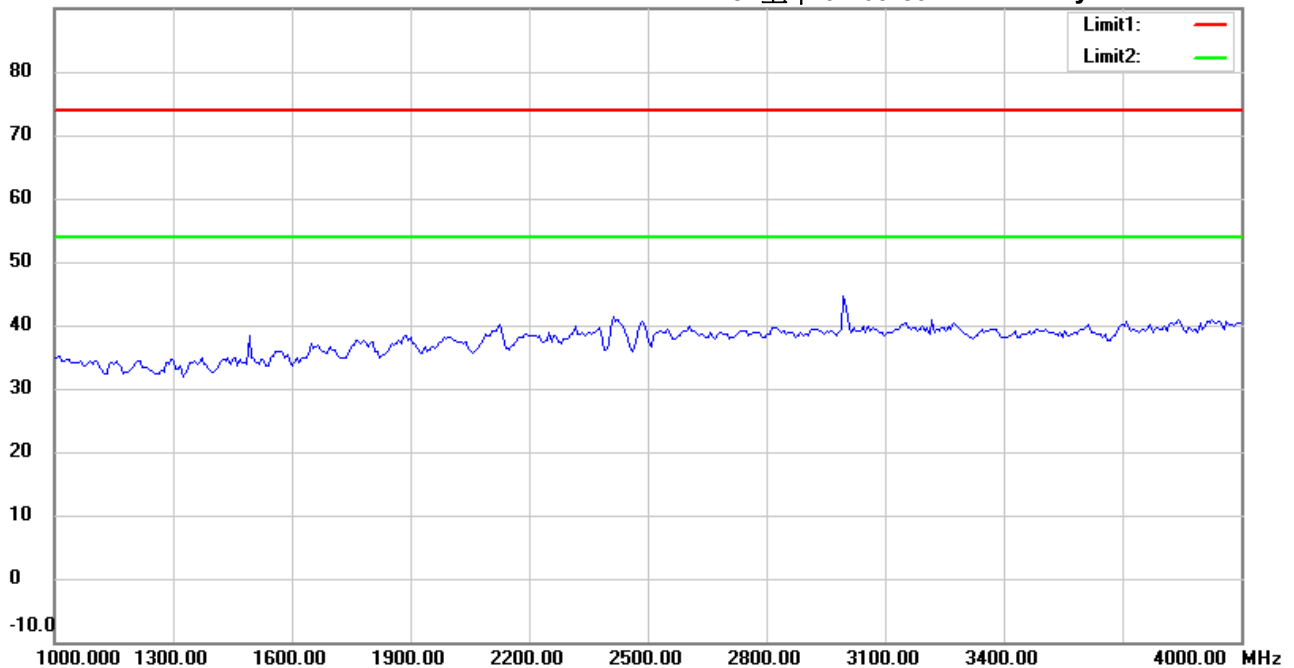
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:09:59

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File :3

Data :#2

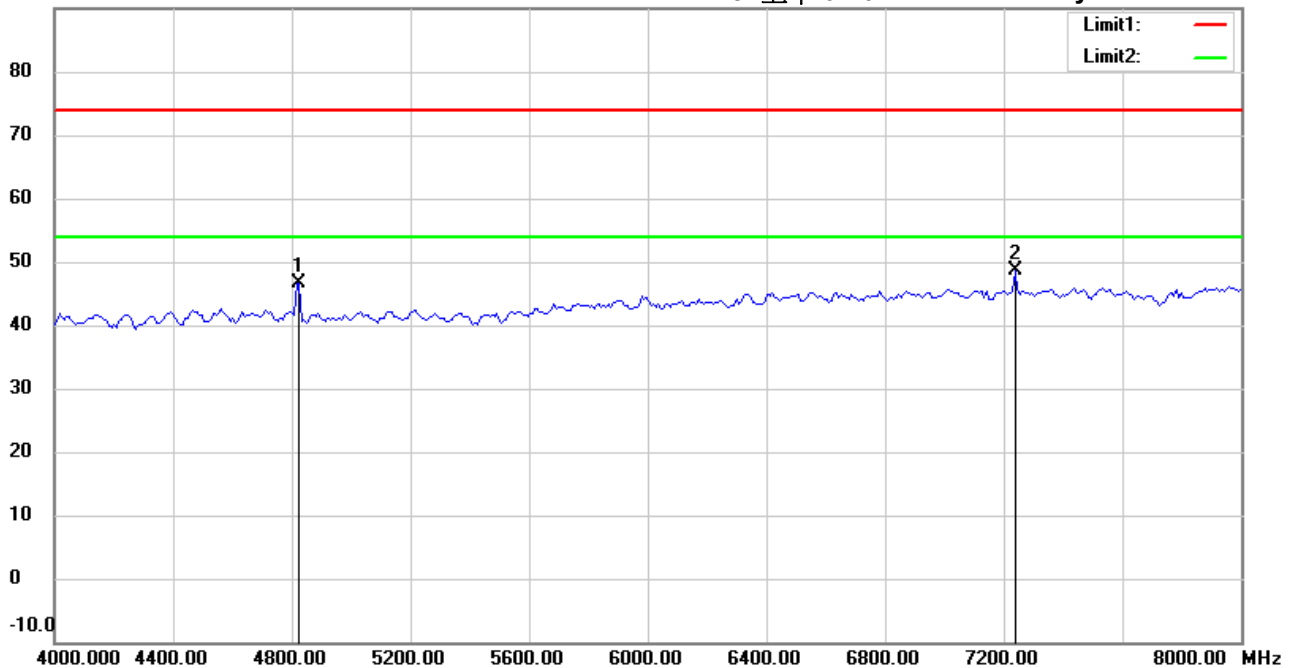
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:07:42

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	46.45	peak	0.11	46.56	74.00	150	190	-27.44	
*	7238.477	43.49	peak	5.07	48.56	74.00	150	235	-25.44	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #7

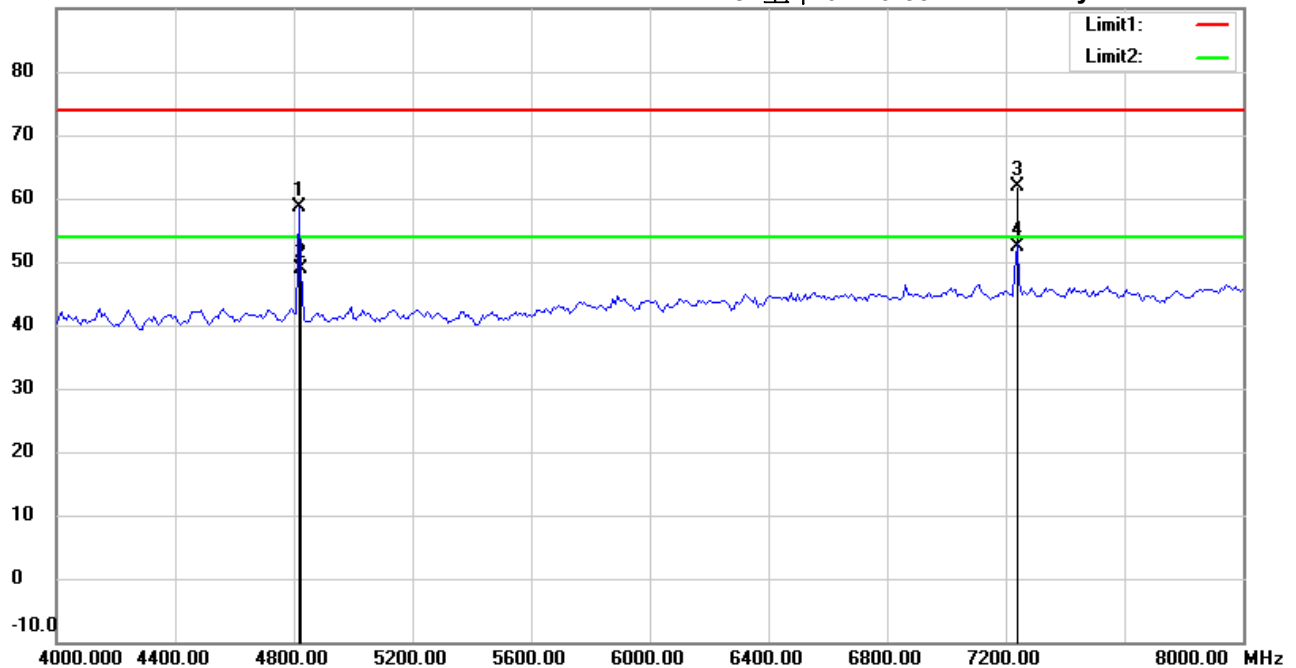
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:10:53

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4817.635	58.45	peak	0.10	58.55	74.00	230	175	-15.45	
	4824.000	48.77	AVG	0.11	48.88	54.00	230	175	-5.12	
	7236.621	56.73	peak	5.07	61.80	74.00	245	250	-12.20	
*	7236.621	47.31	AVG	5.07	52.38	54.00	245	250	-1.62	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#3

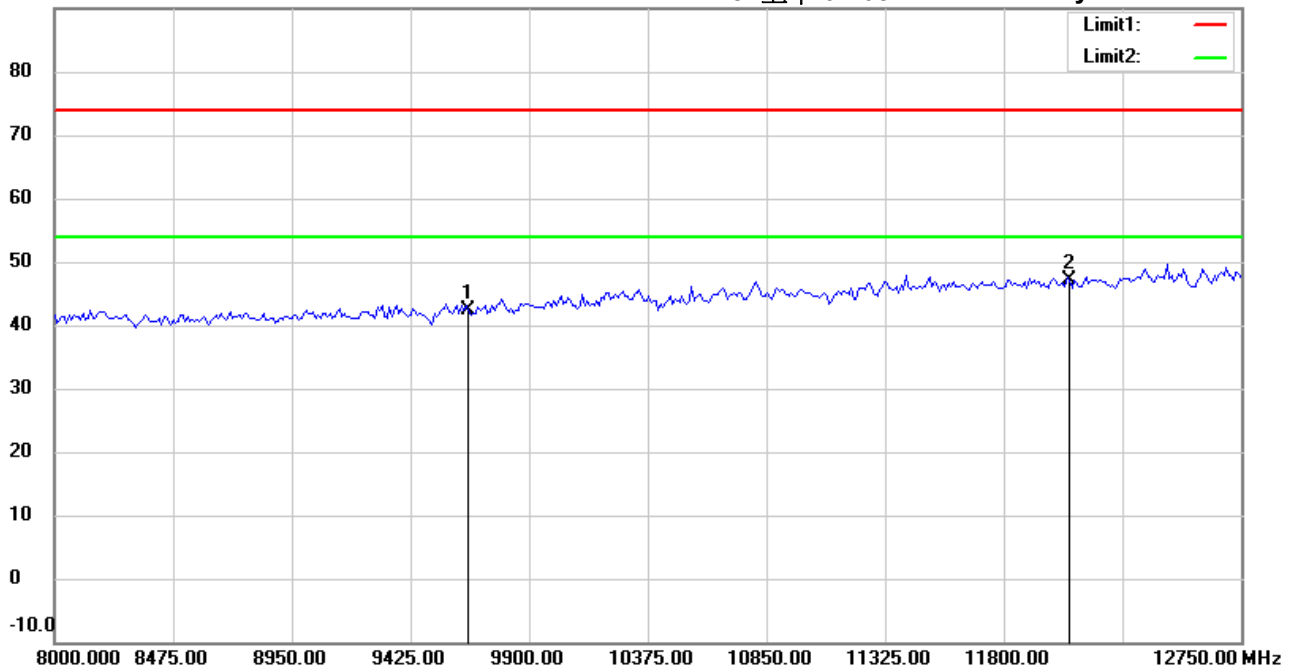
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:08:42

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	34.37	peak	8.00	42.37	74.00	150	275	-31.63	
*	12060.000	33.89	peak	13.36	47.25	74.00	150	90	-26.75	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#8

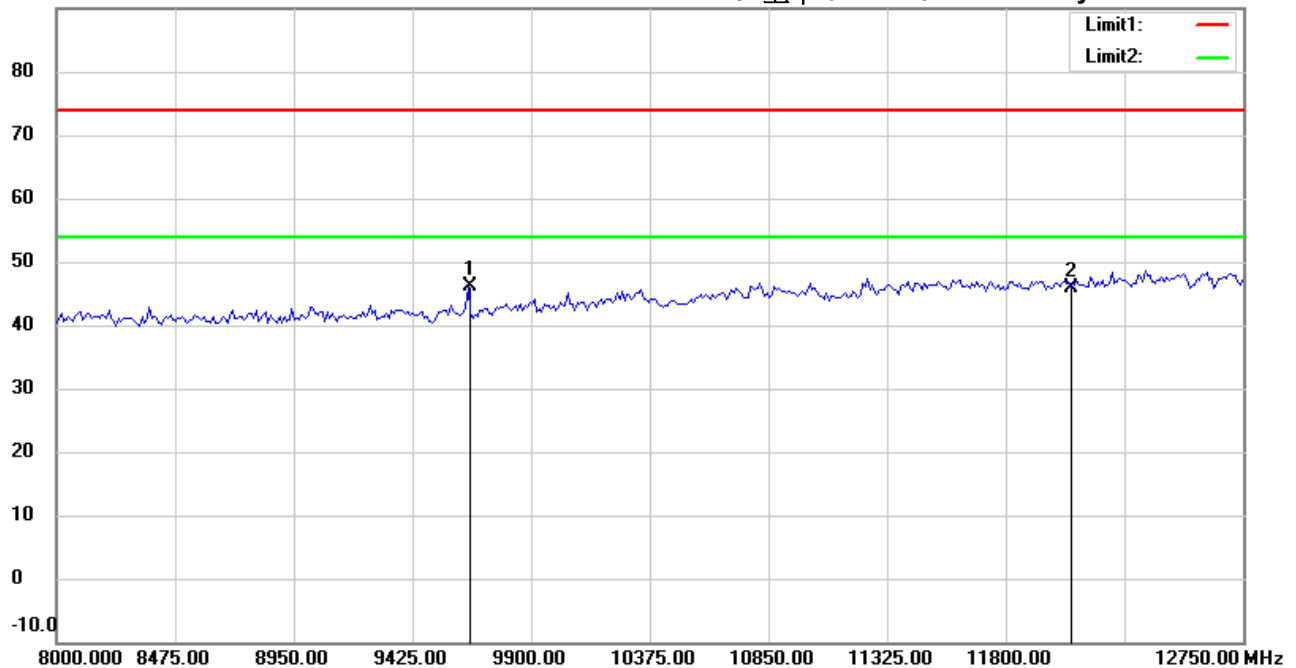
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:11:46

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	9646.794	38.12	peak	8.00	46.12	74.00	150	190	-27.88	
	12060.000	32.55	peak	13.36	45.91	74.00	150	245	-28.09	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #4

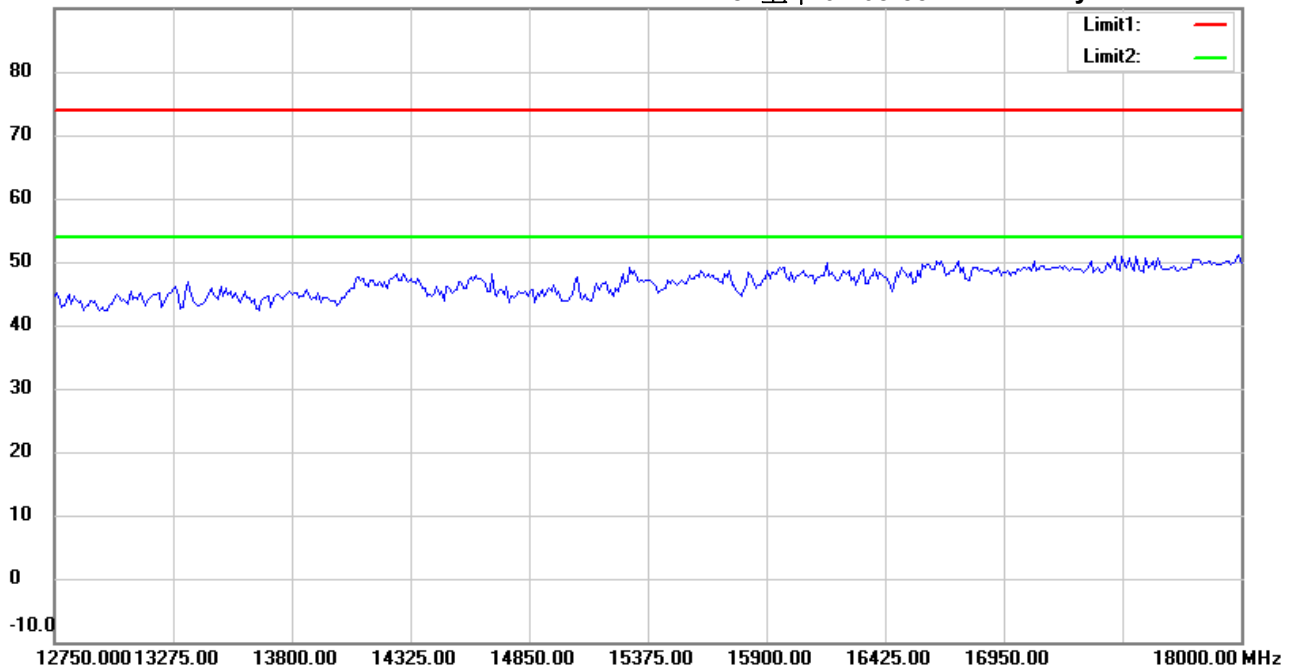
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:08:55

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File : 3

Data : #9

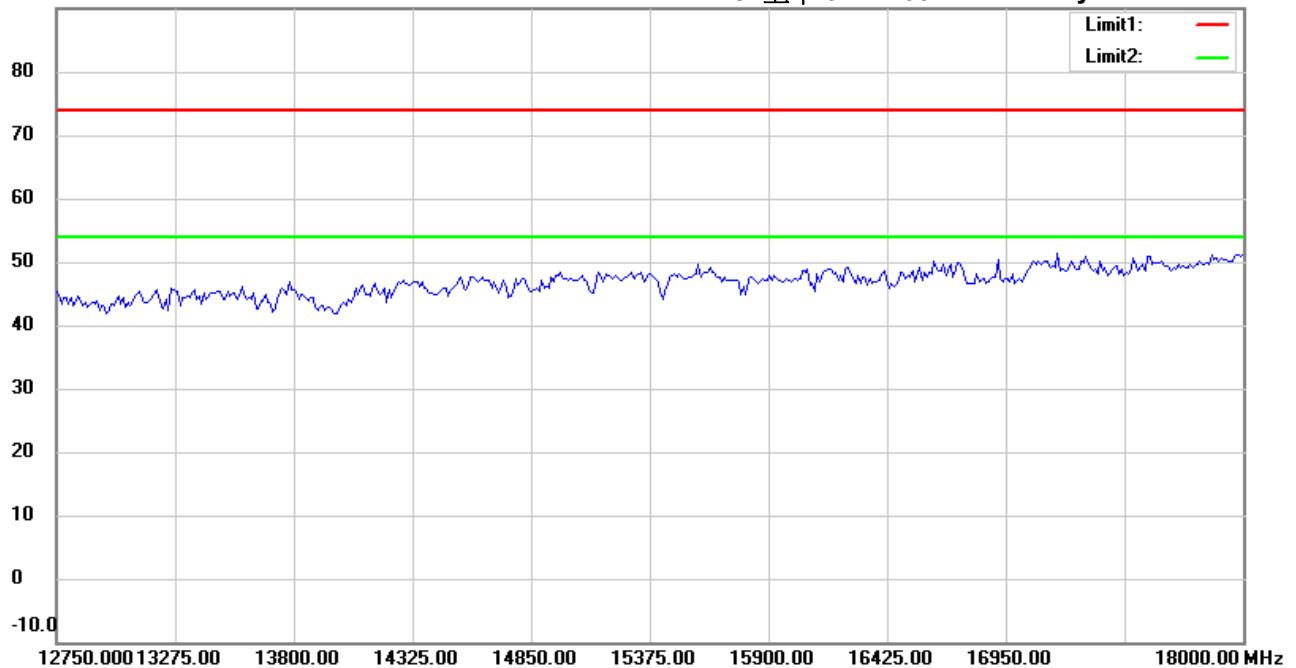
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:12:00

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File : 3

Data : #5

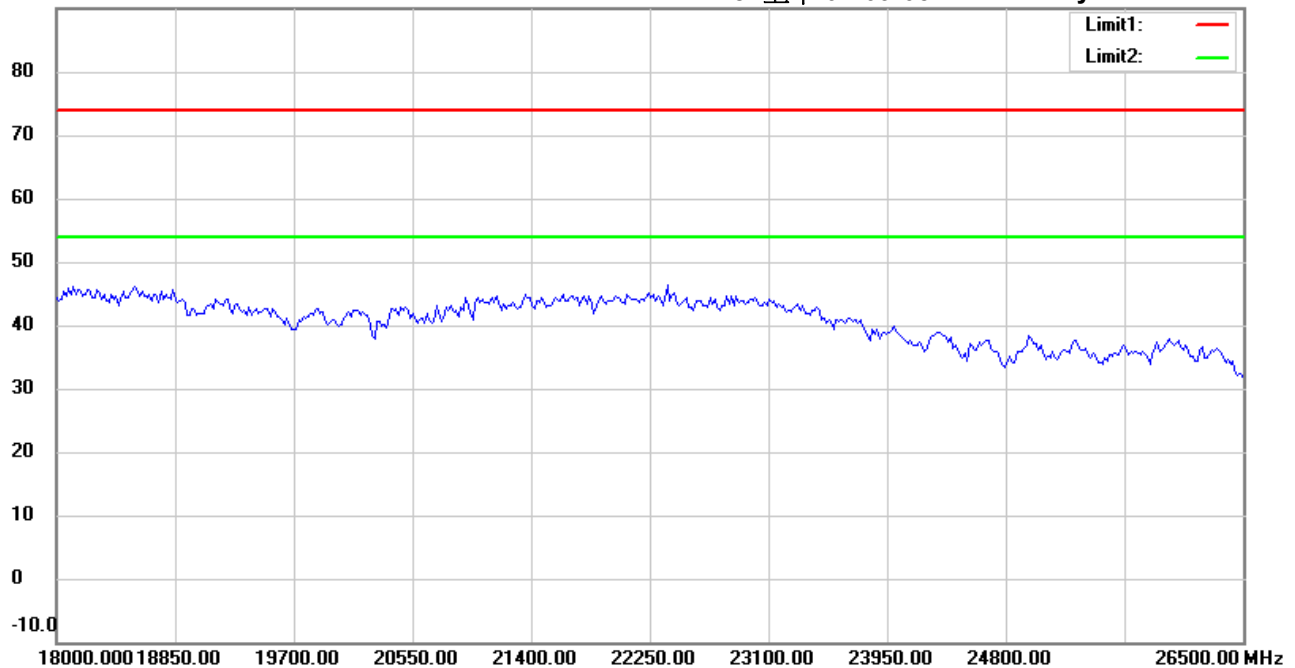
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:09:05

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File : 3

Data : #10

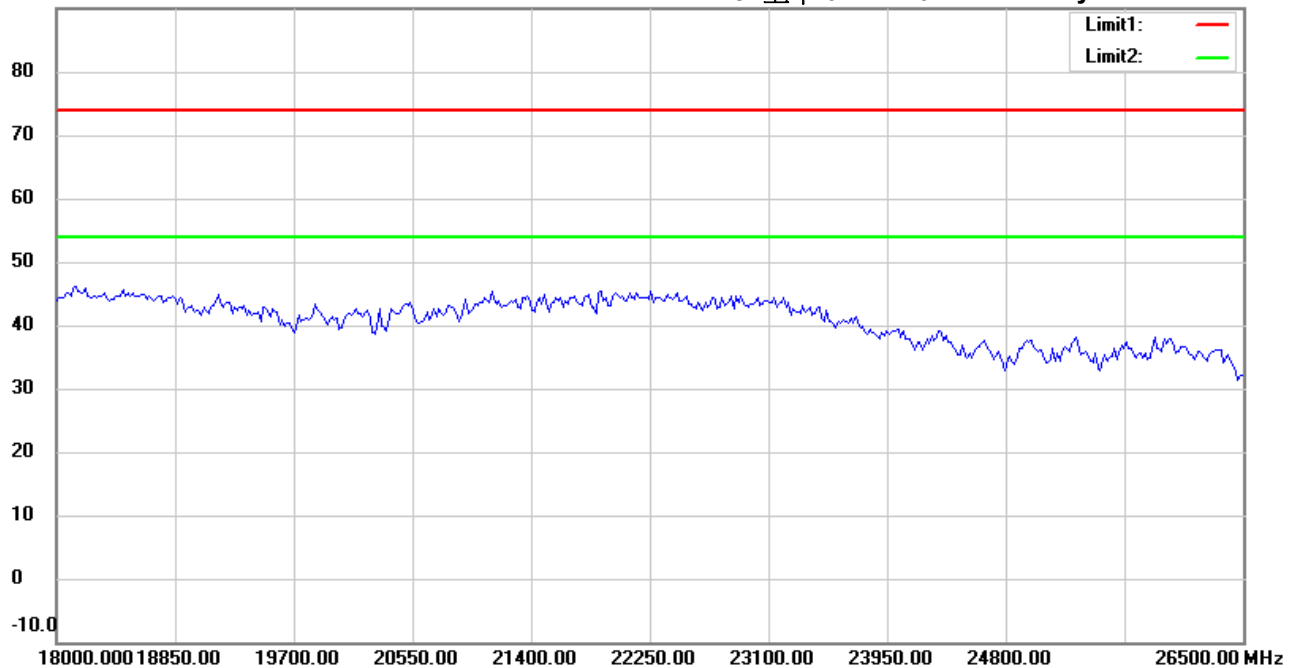
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:12:10

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File :1

Data :#1

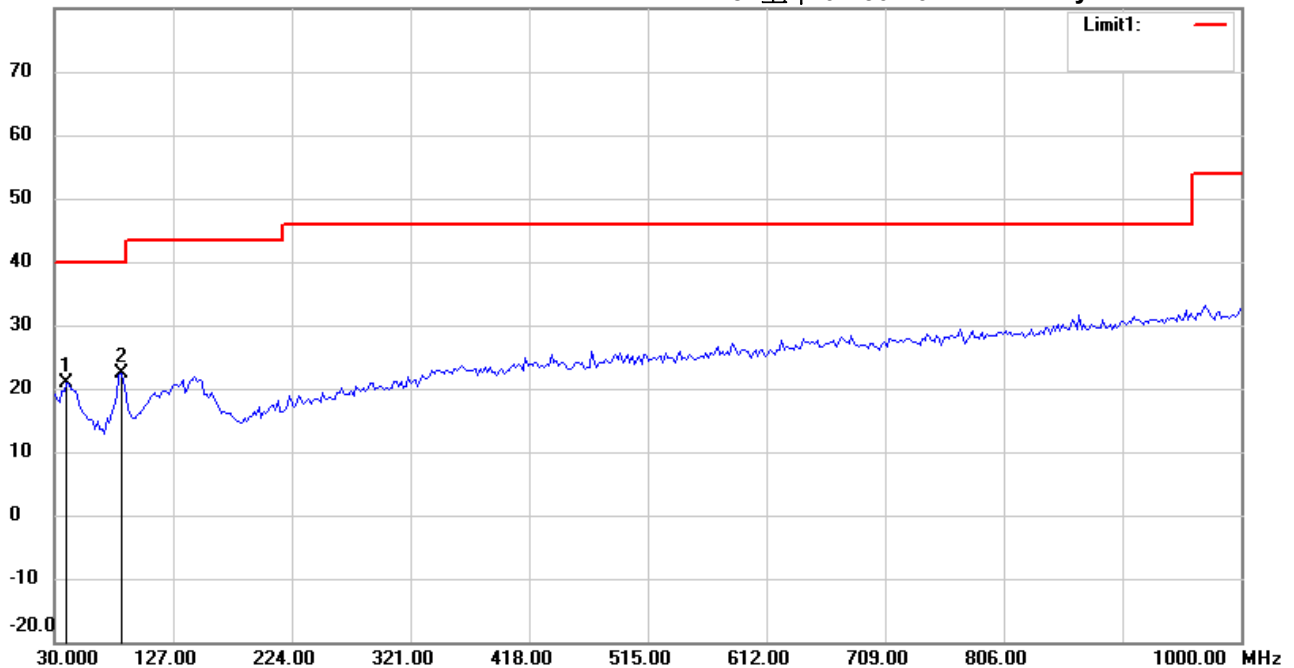
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:50:16

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	39.7194	30.45	peak	-9.46	20.99	40.00	100	240	-19.01	
*	84.4288	36.53	peak	-14.03	22.50	40.00	100	95	-17.50	

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



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Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

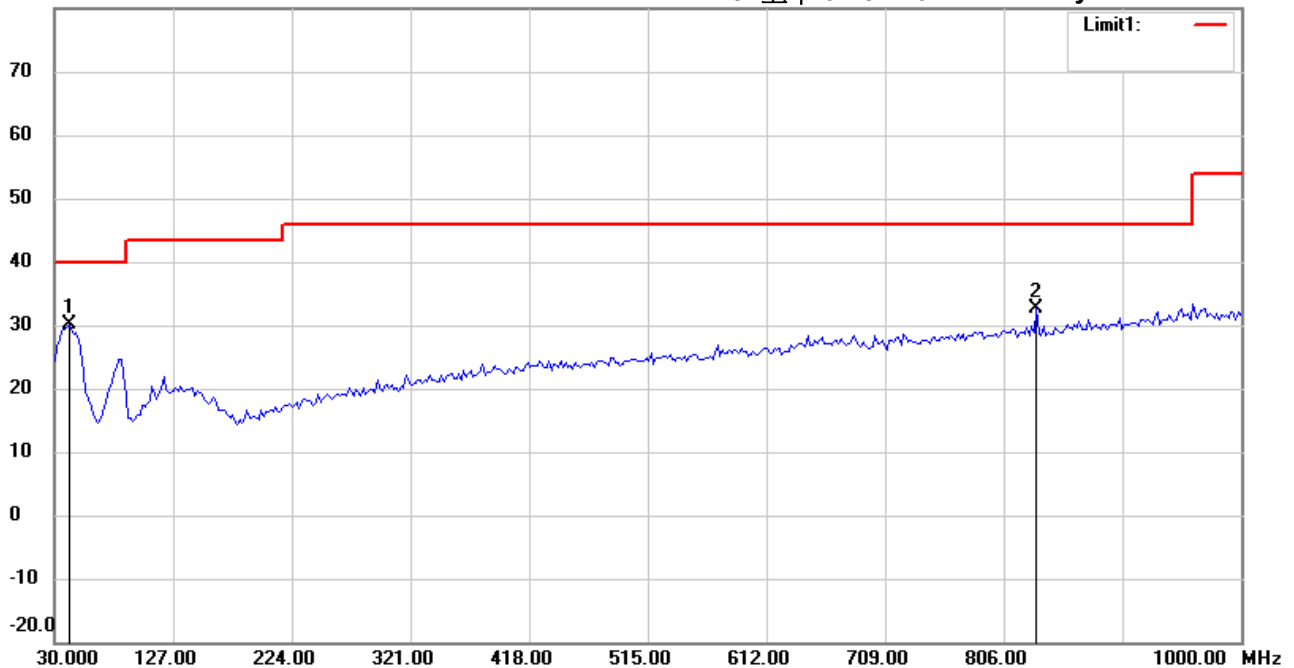
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:51:10

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	41.6633	39.68	peak	-9.64	30.04	40.00	100	225	-9.96	
	832.8257	30.47	peak	2.10	32.57	46.00	100	70	-13.43	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #1

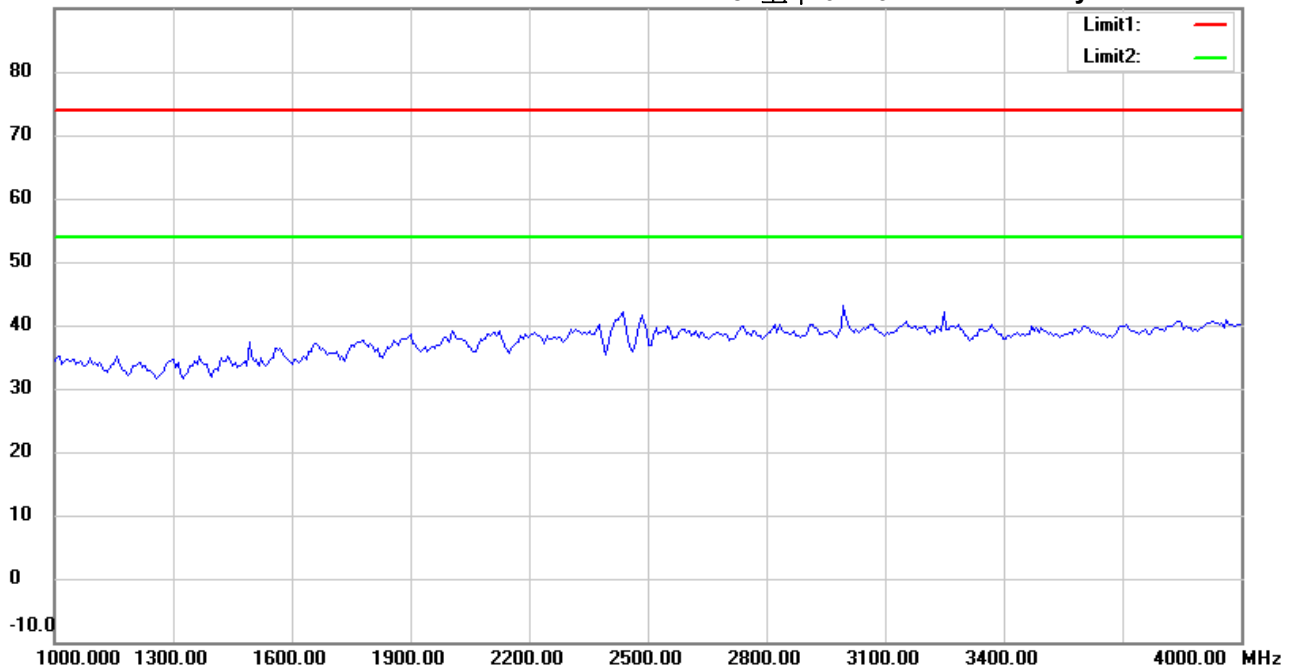
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:19:44

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File : 3

Data : #6

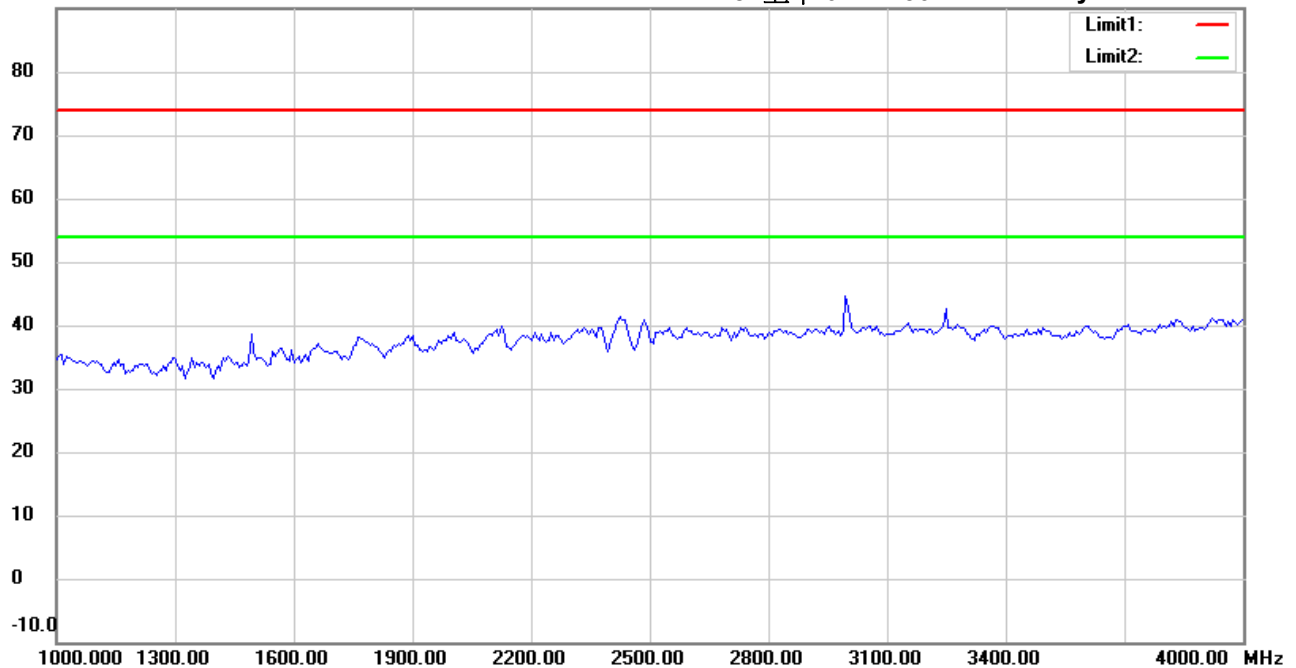
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:22:56

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File :3

Data :#2

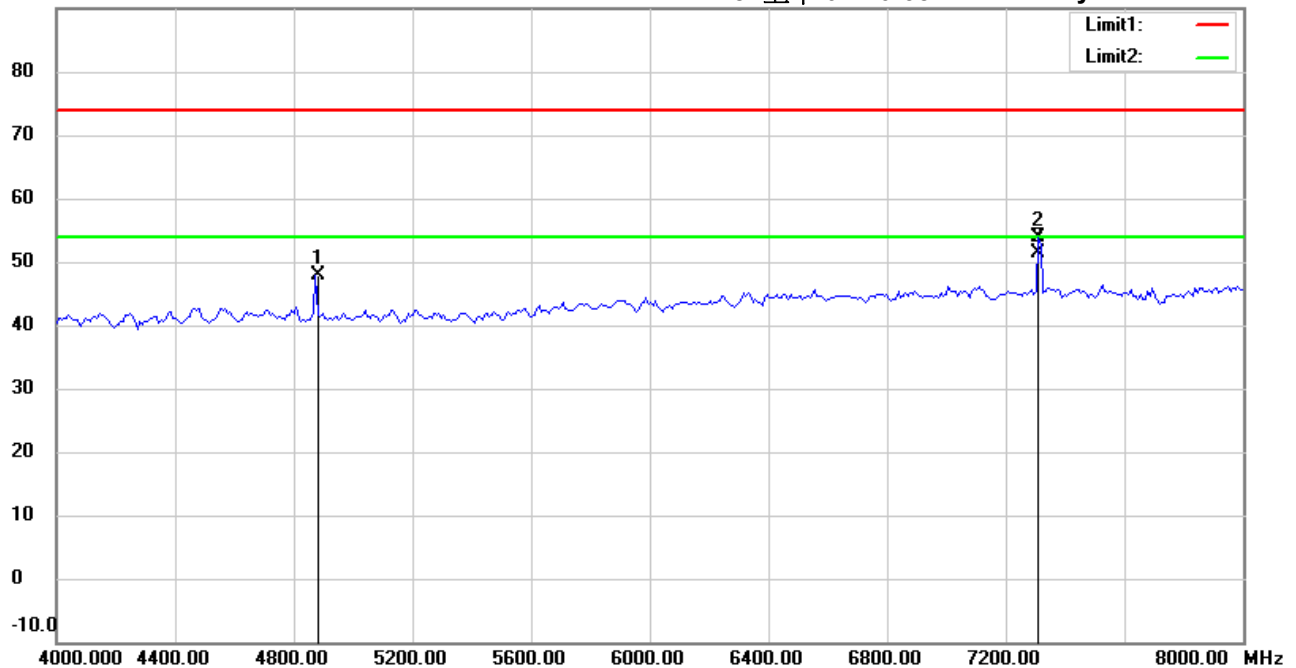
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:20:38

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4873.748	47.66	peak	0.16	47.82	74.00	150	175	-26.18	
	7310.621	48.86	peak	5.09	53.95	74.00	150	235	-20.05	
*	7310.621	46.37	AVG	5.09	51.46	54.00	150	235	-2.54	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #7

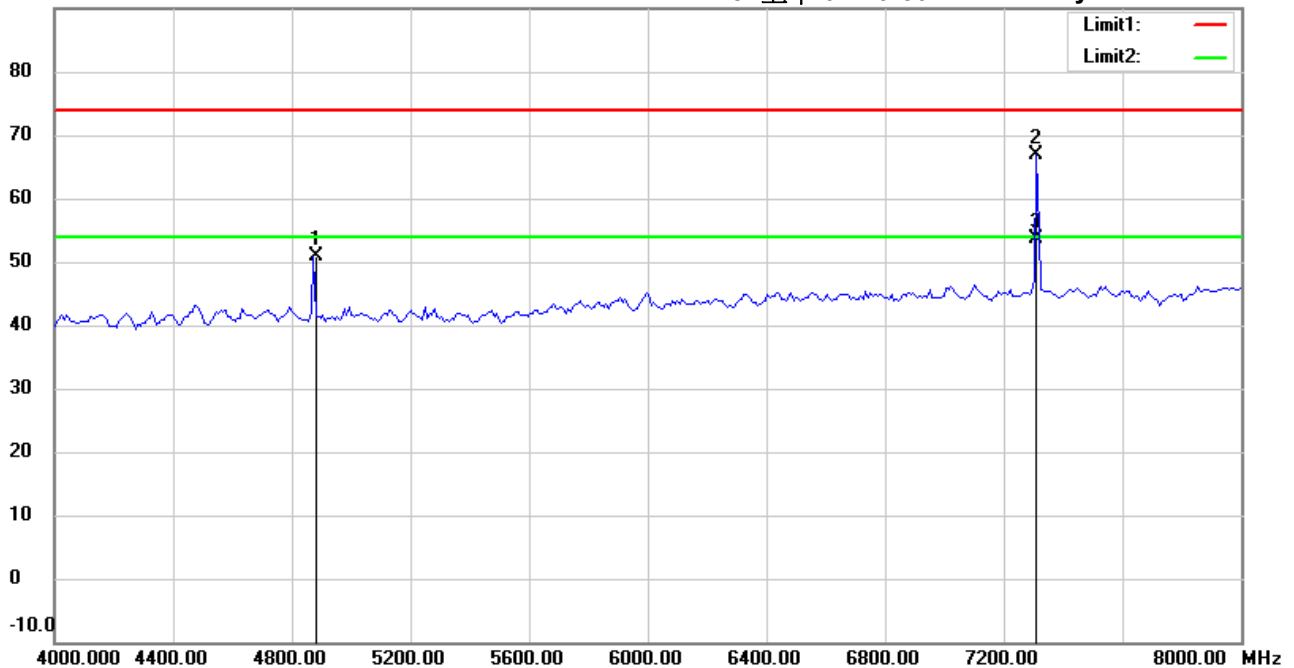
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:23:50

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	50.69	peak	0.16	50.85	74.00	150	275	-23.15	
	7310.120	61.78	peak	5.09	66.87	74.00	225	250	-7.13	
*	7310.120	48.56	AVG	5.09	53.65	54.00	225	250	-0.35	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#3

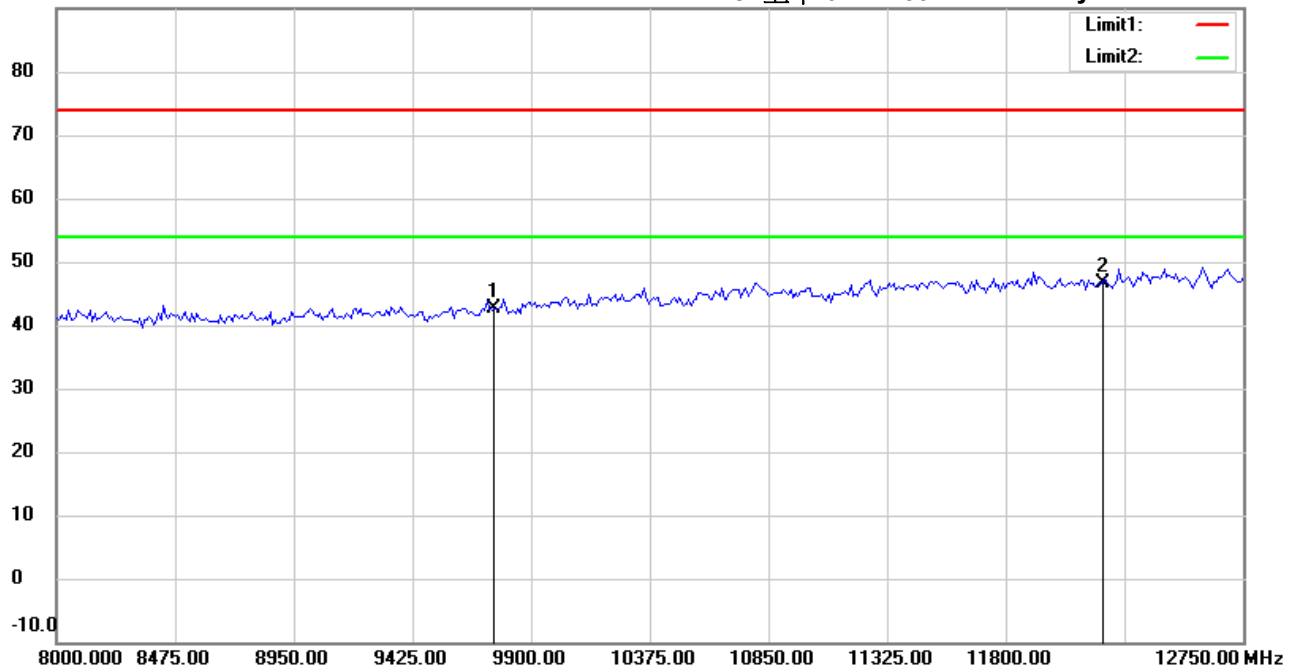
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:21:39

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.55	peak	8.18	42.73	74.00	150	175	-31.27	
*	12185.000	32.66	peak	14.03	46.69	74.00	150	90	-27.31	

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



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Radiated Emission Measurement

Operator: Kent

File :3

Data :#8

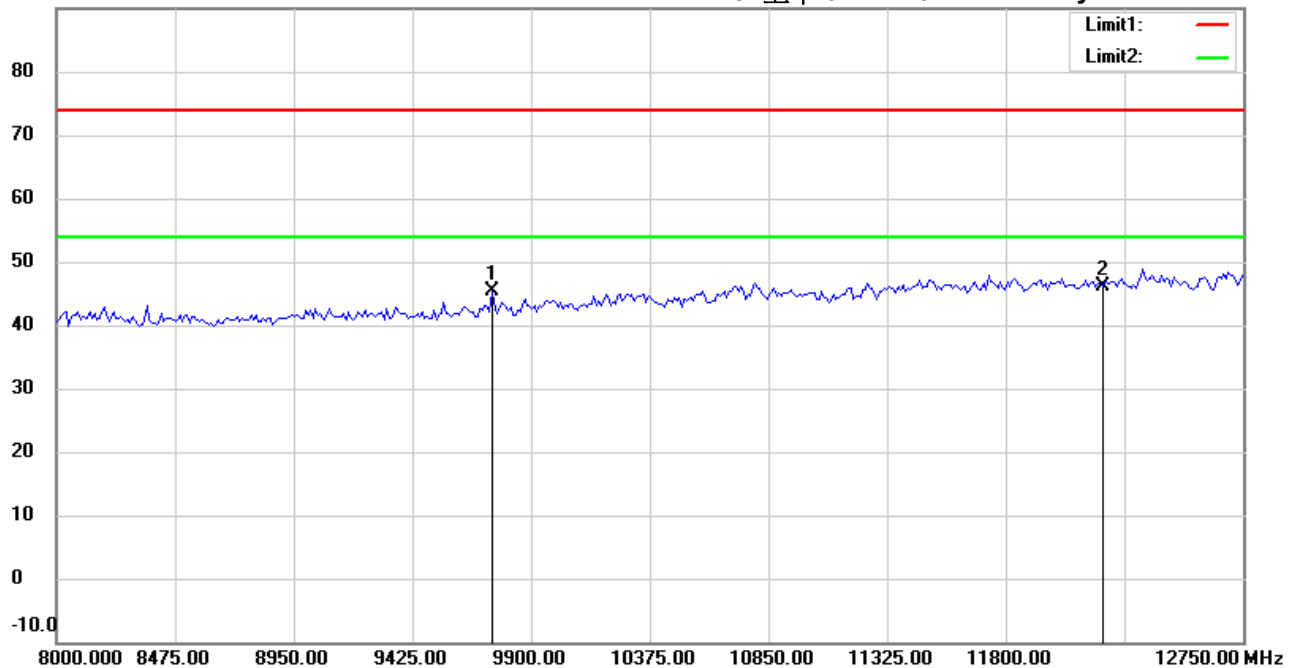
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:24:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9741.984	37.10	peak	8.16	45.26	74.00	150	40	-28.74	
*	12185.000	32.14	peak	14.03	46.17	74.00	150	175	-27.83	

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



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Radiated Emission Measurement

Operator: Kent

File : 3

Data : #4

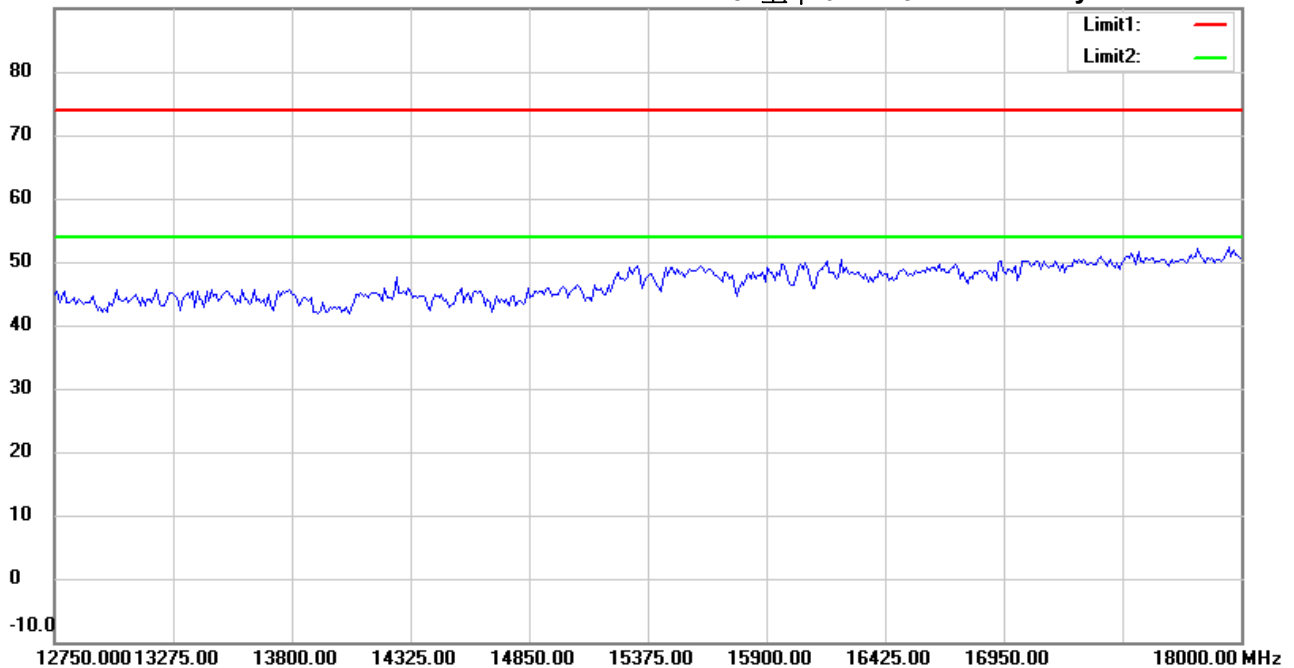
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:21:52

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File : 3

Data : #9

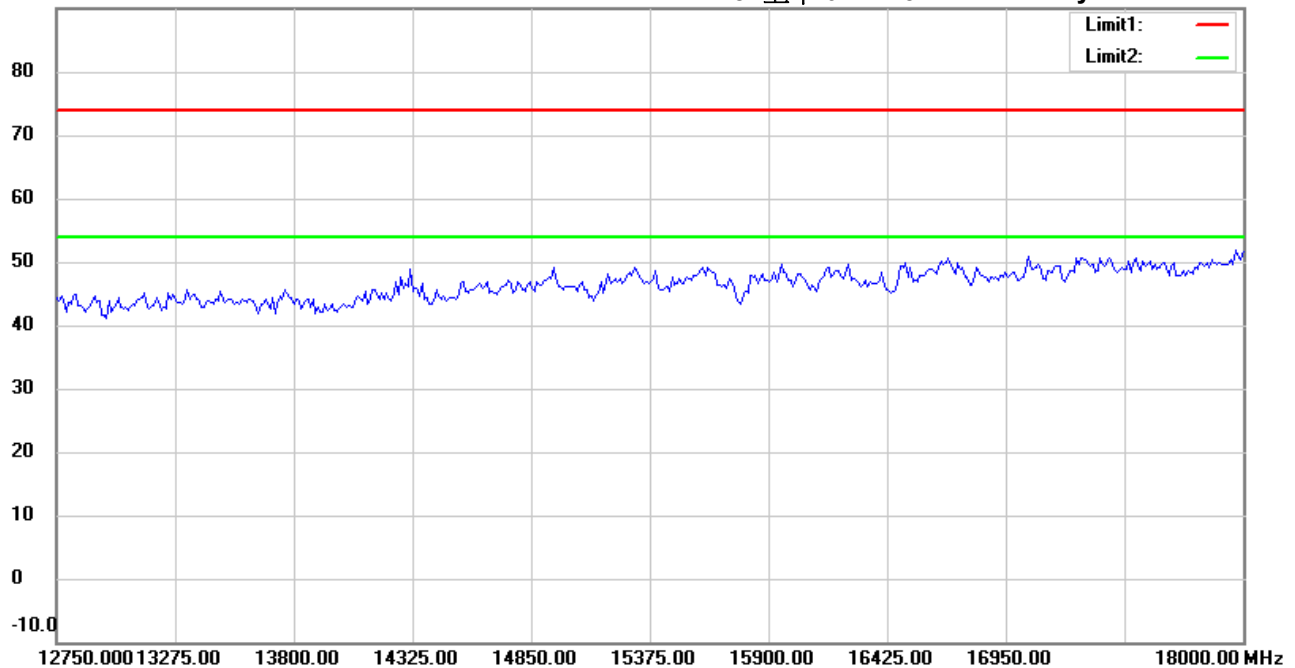
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:24:57

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File : 3

Data : #5

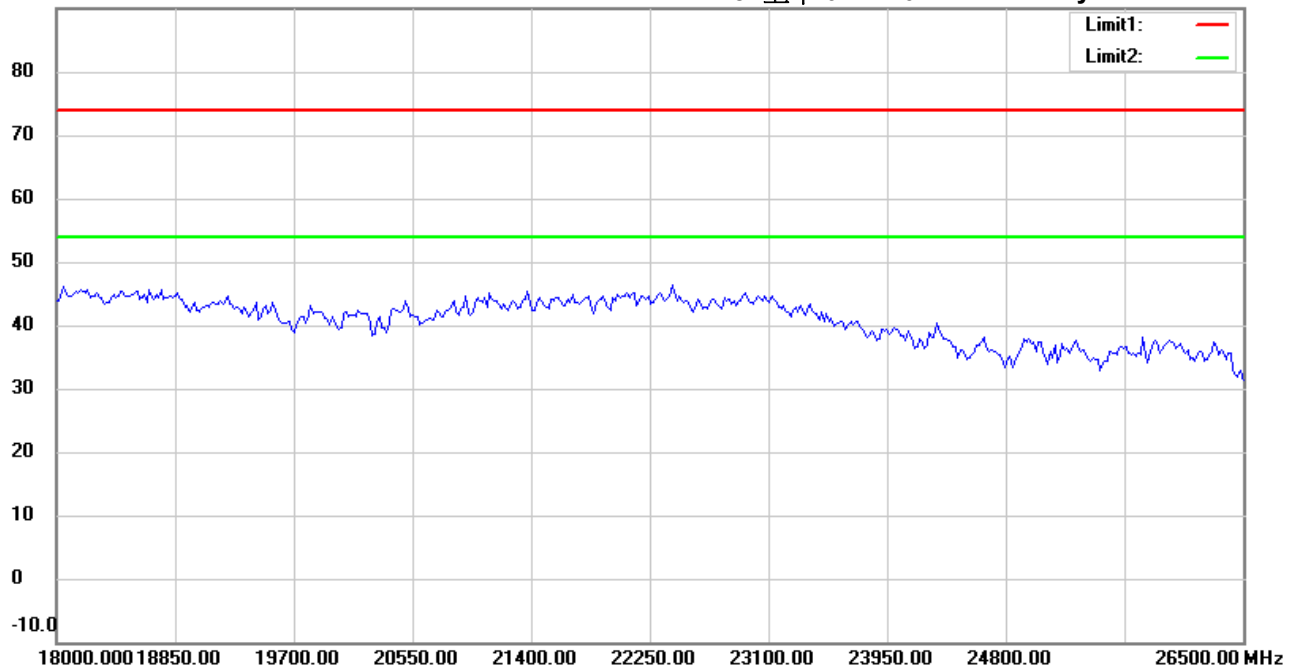
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:22:02

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File : 3

Data : #10

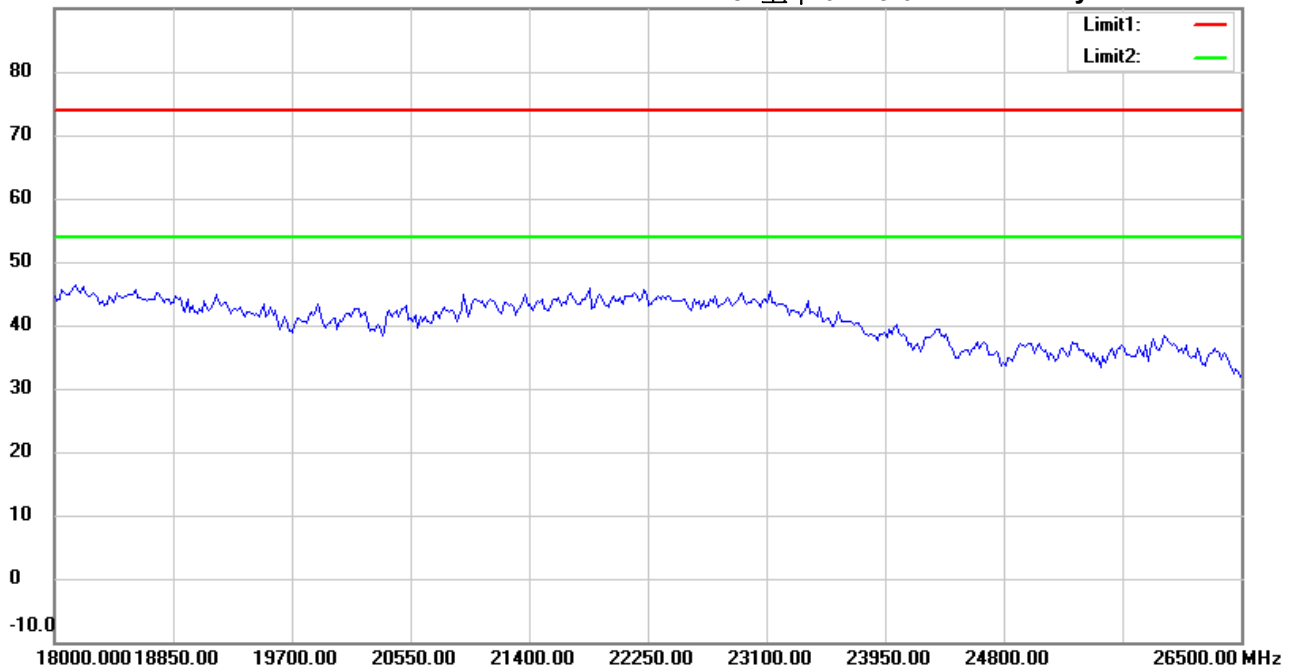
Date: 2017/5/12

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 02:25:07

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File :1

Data :#1

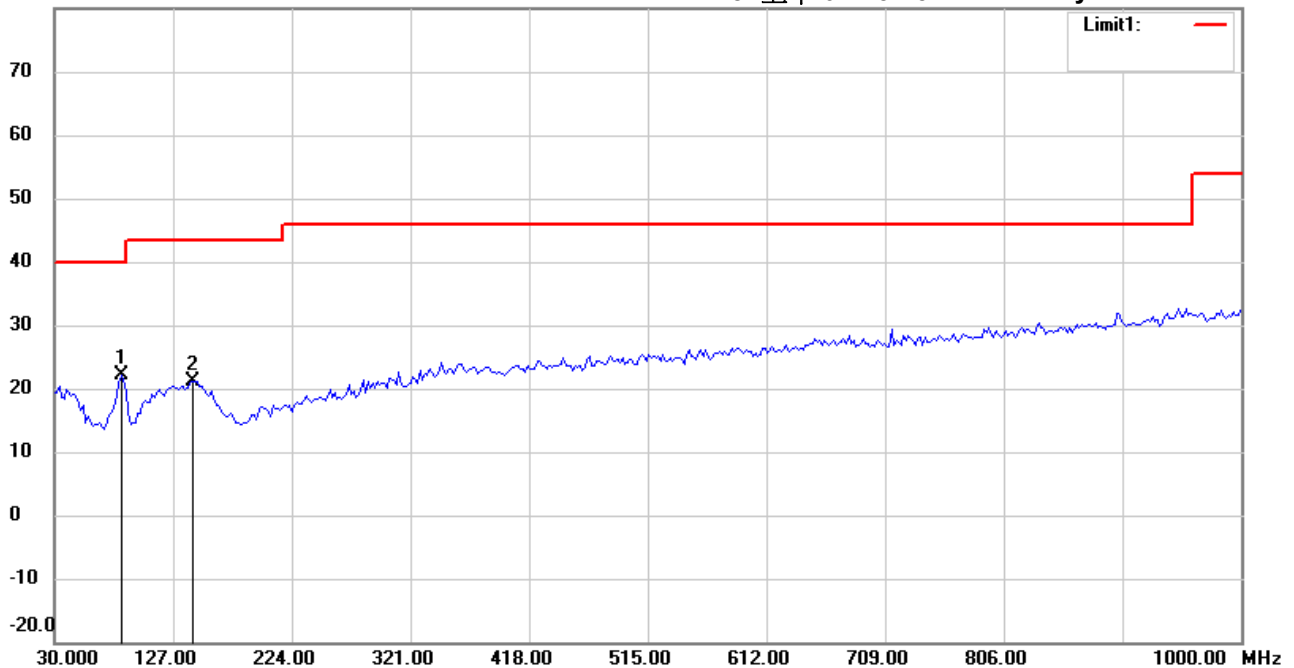
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:45:25

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	84.4288	36.10	peak	-14.03	22.07	40.00	100	25	-17.93	
	142.7453	28.30	peak	-7.14	21.16	43.50	100	80	-22.34	

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



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Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

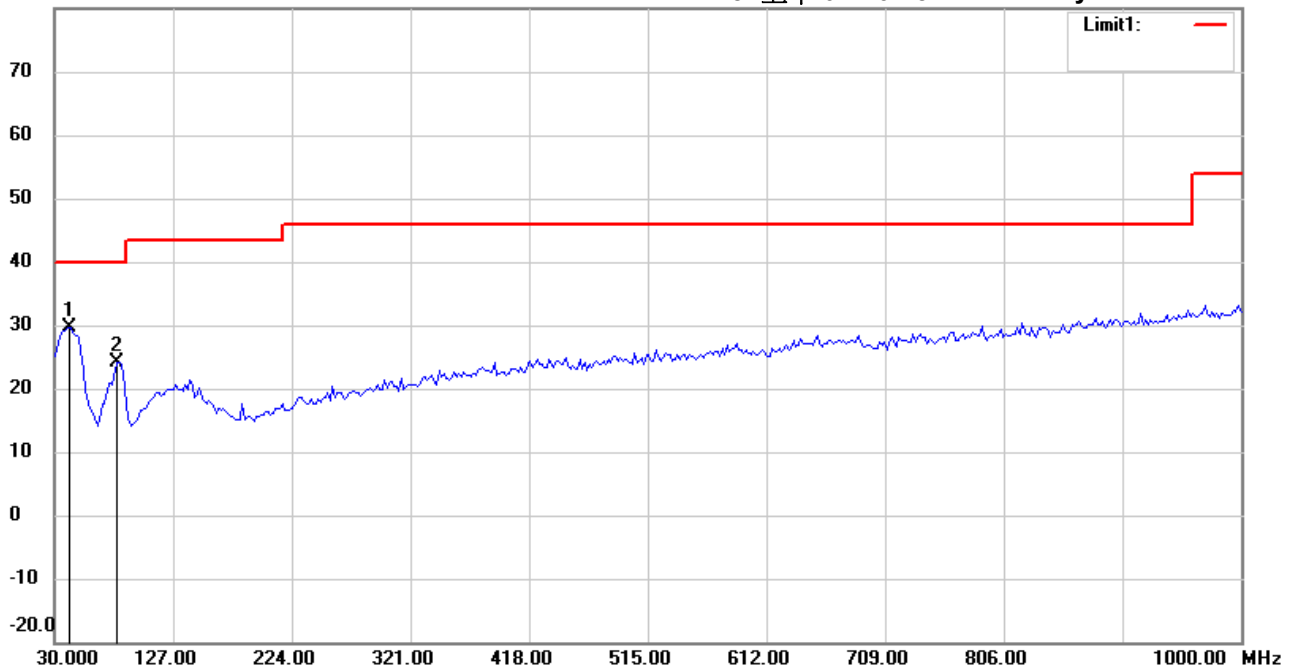
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:46:18

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	41.6633	39.31	peak	-9.64	29.67	40.00	100	195	-10.33	
	80.5411	38.29	peak	-14.20	24.09	40.00	100	240	-15.91	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

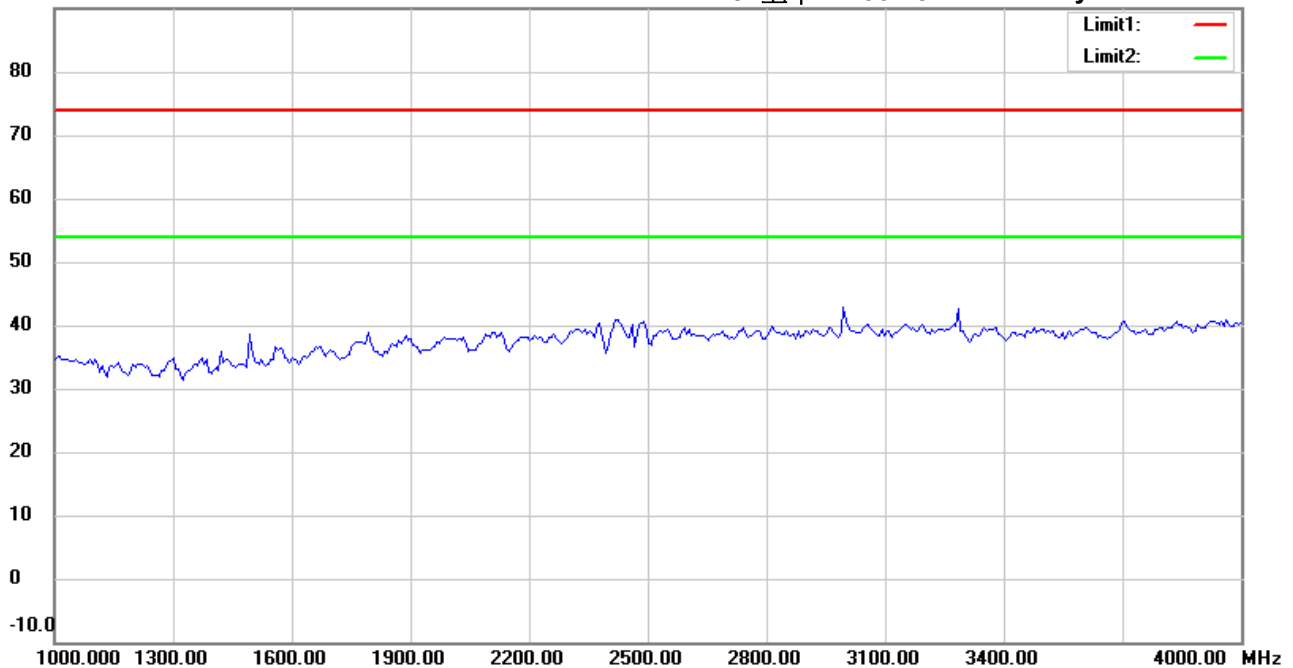
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:36:25

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

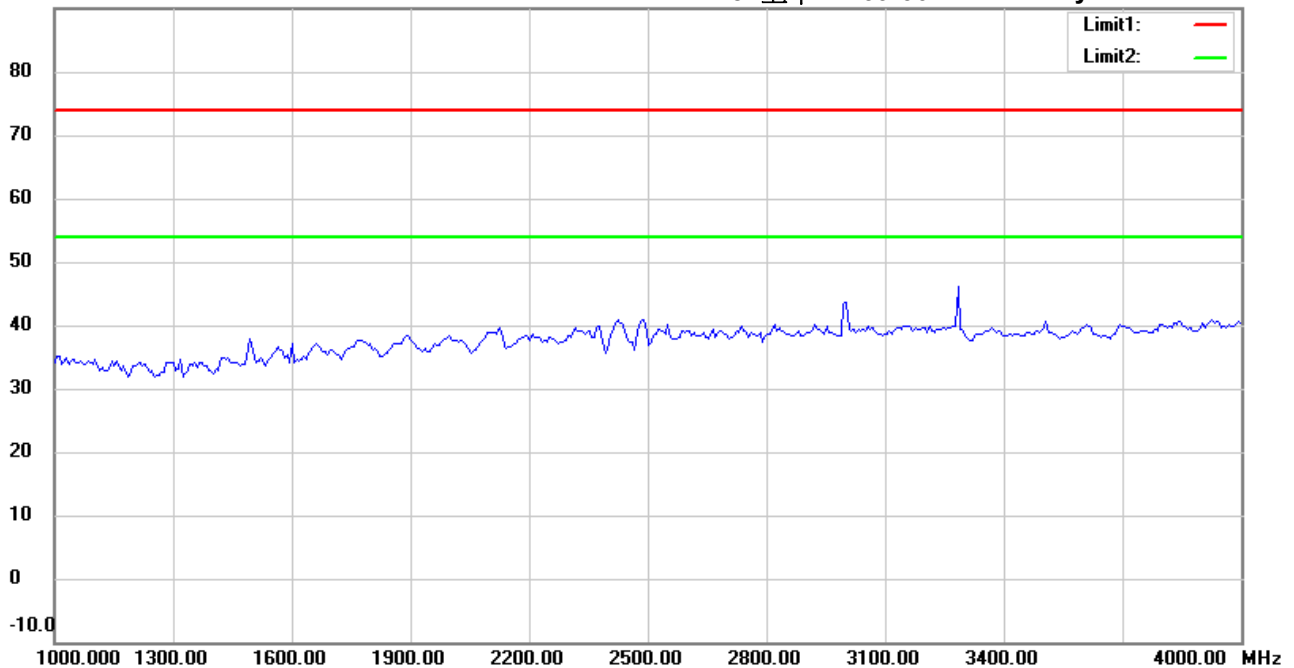
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:39:36

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

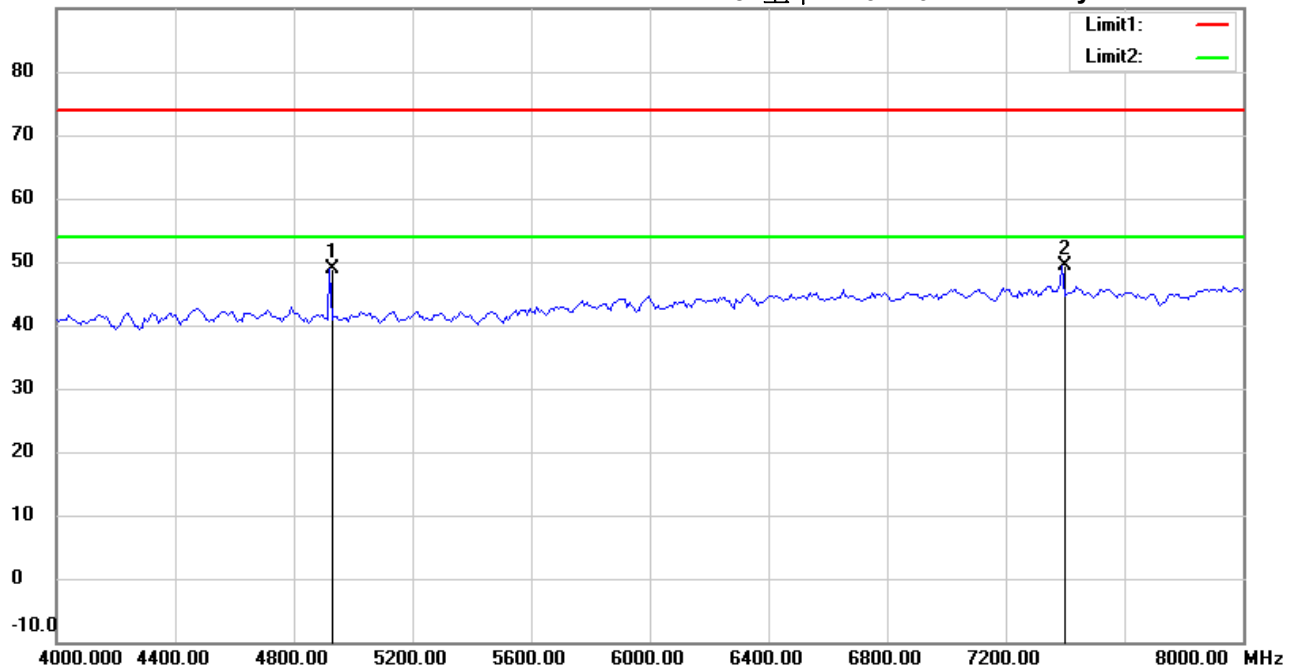
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:37:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	48.64	peak	0.20	48.84	74.00	150	95	-25.16	
*	7390.782	44.14	peak	5.18	49.32	74.00	150	235	-24.68	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

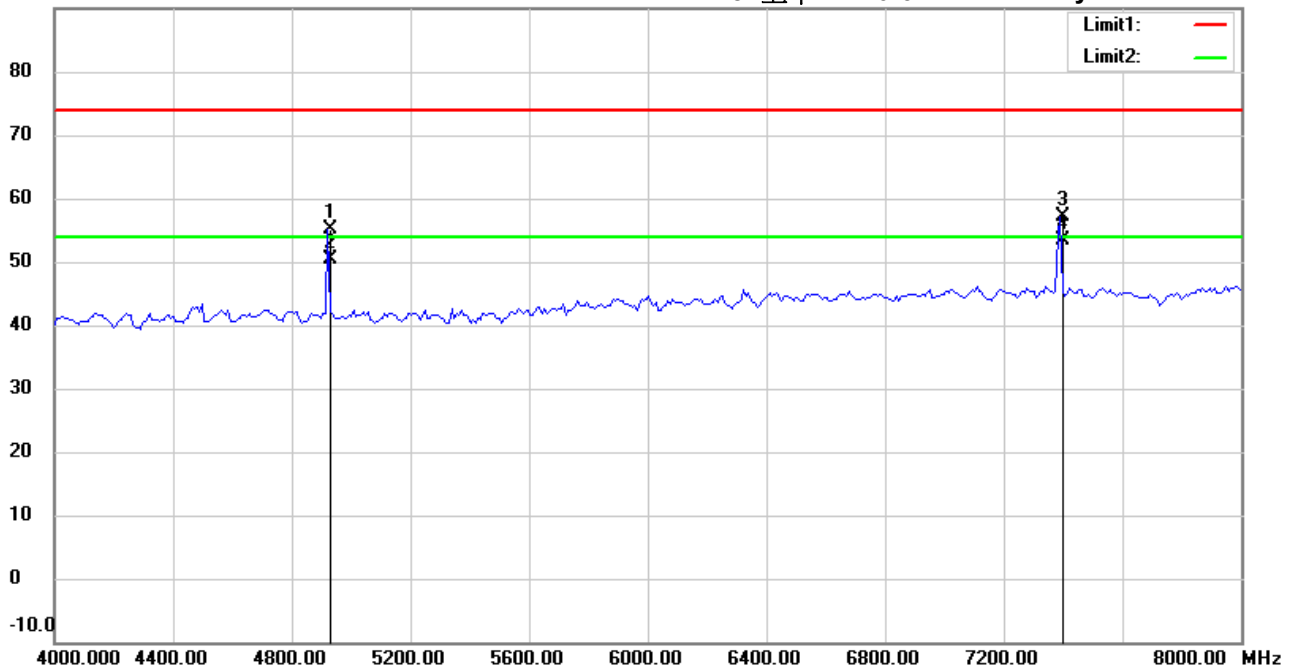
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:40:31

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	54.92	peak	0.20	55.12	74.00	175	259	-18.88	
	4921.844	50.26	AVG	0.20	50.46	54.00	175	259	-3.54	
	7390.782	51.86	peak	5.18	57.04	74.00	150	230	-16.96	
*	7390.782	48.23	AVG	5.18	53.41	54.00	150	230	-0.59	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

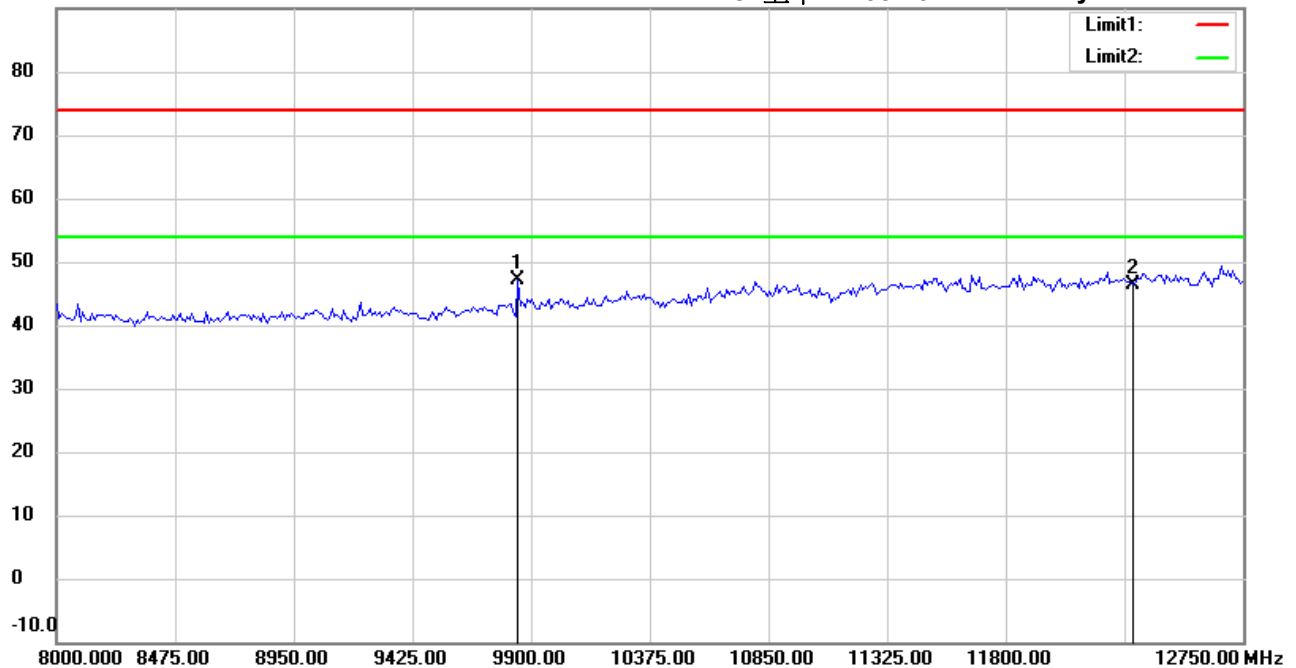
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:38:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	9846.693	38.59	peak	8.43	47.02	74.00	150	90	-26.98	
	12310.000	32.45	peak	13.92	46.37	74.00	150	175	-27.63	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

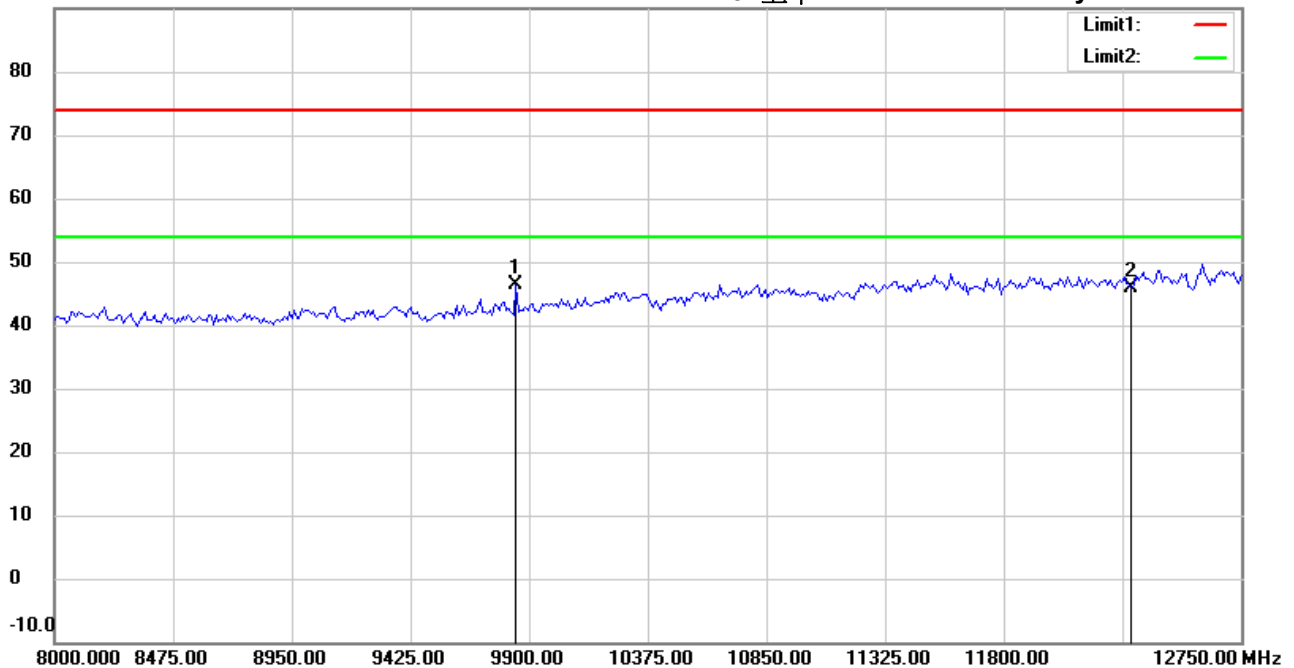
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:41:24

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	9846.693	37.98	peak	8.43	46.41	74.00	150	170	-27.59	
	12310.000	31.88	peak	13.92	45.80	74.00	150	245	-28.20	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

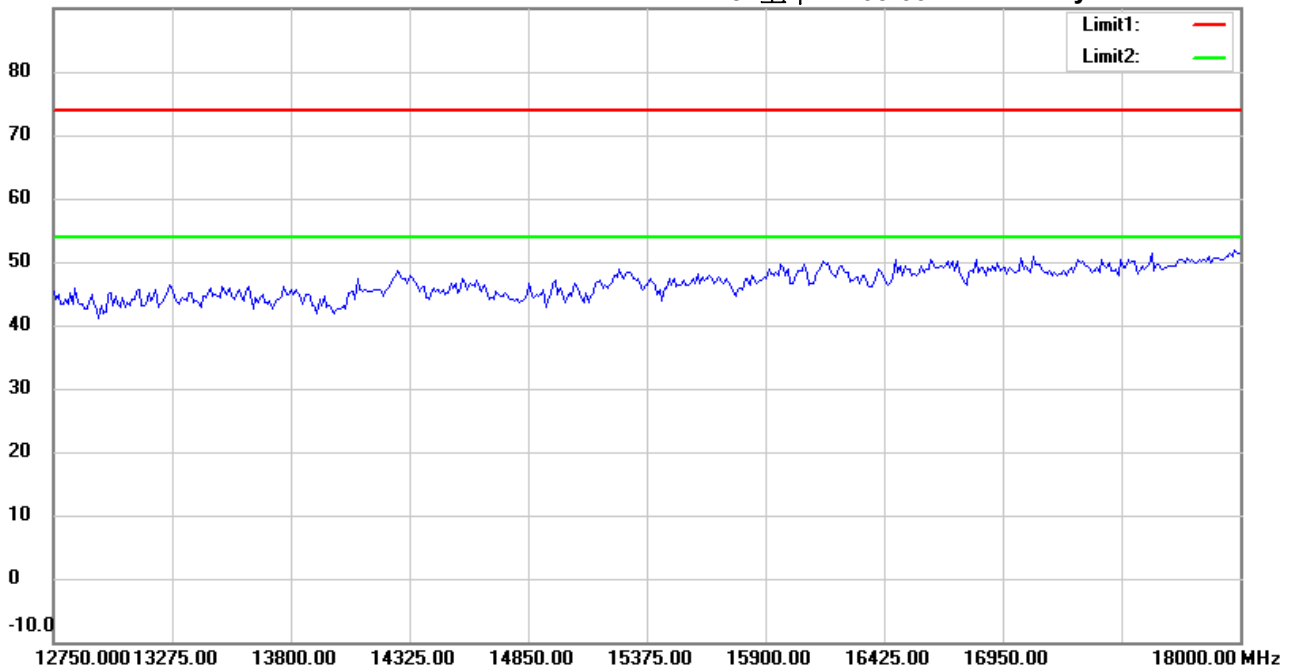
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:38:33

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

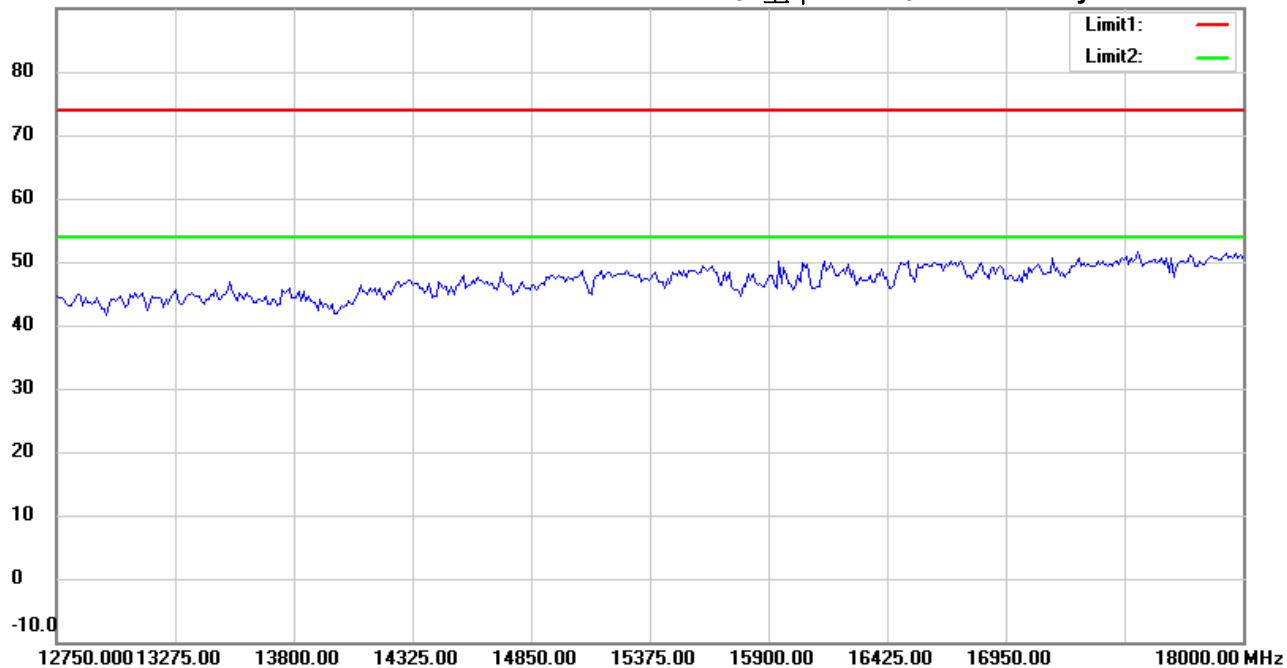
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:41:37

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

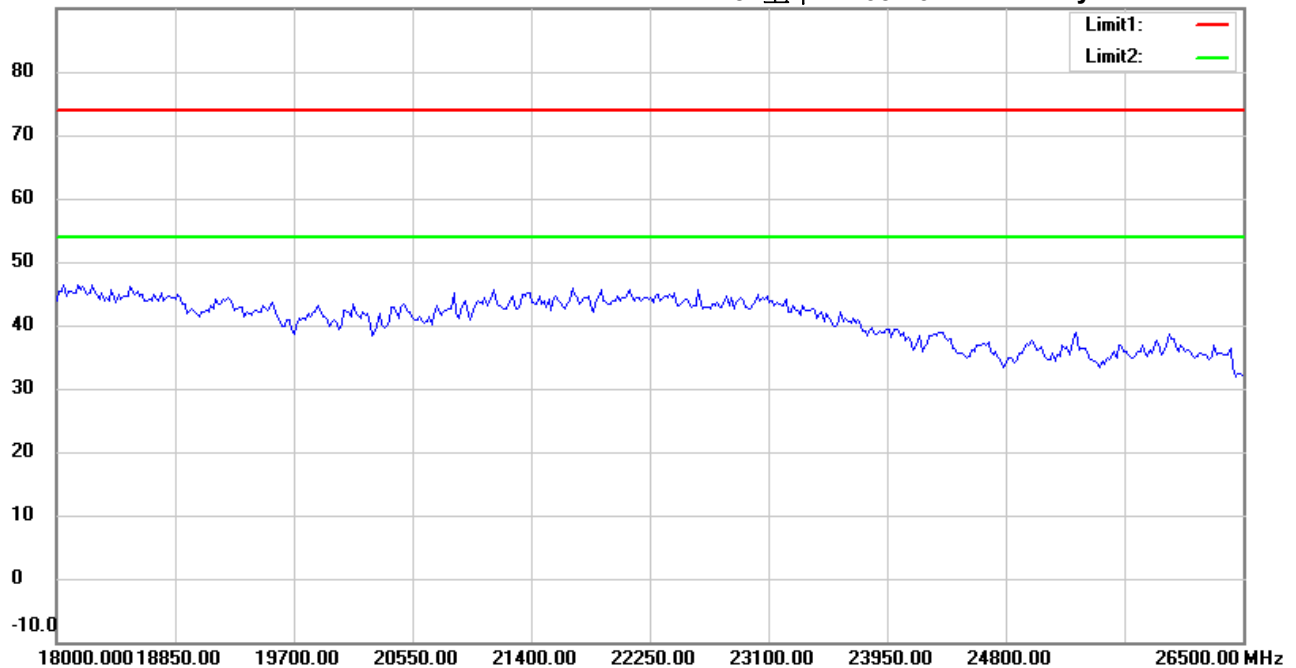
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:38:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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

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



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

Operator: Leon

File : 3

Data : #10

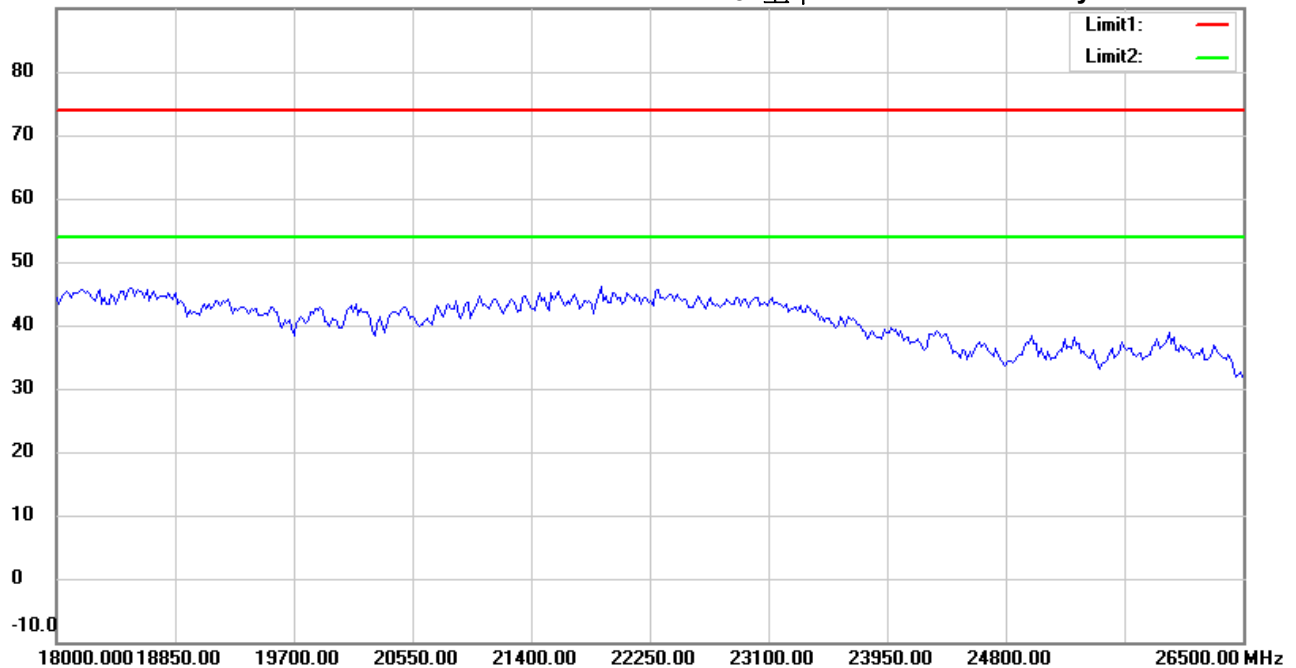
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:41:47

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File :1

Data :#1

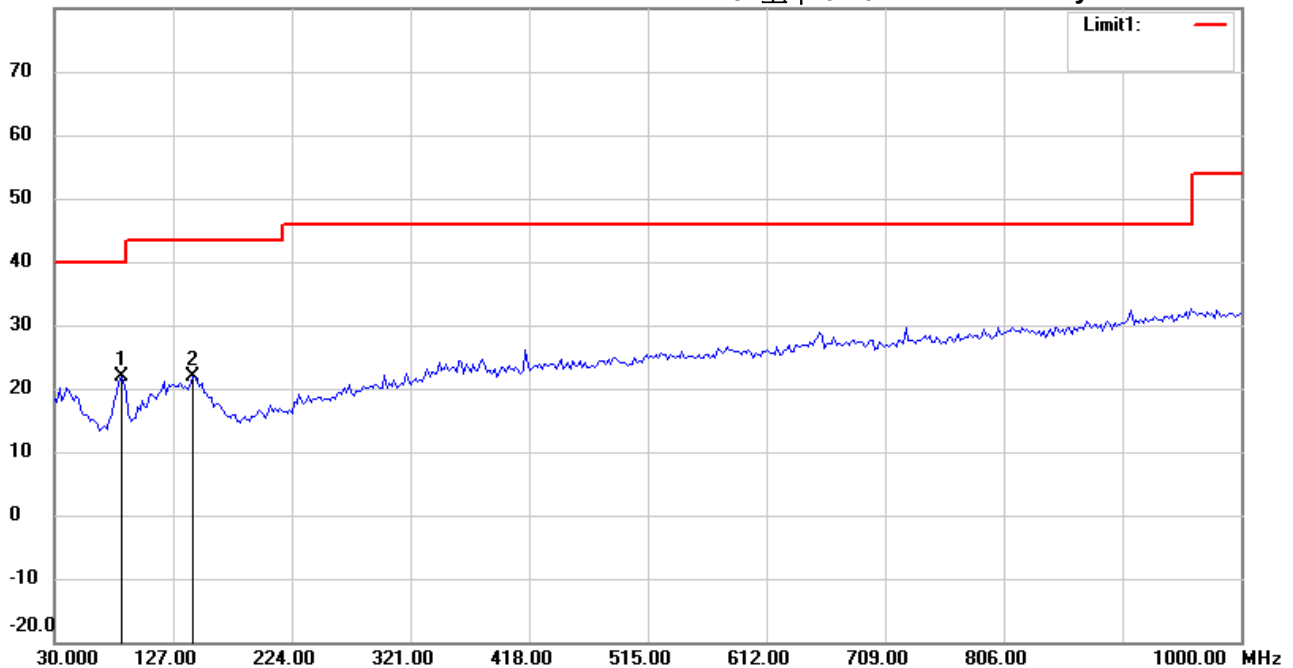
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:37:17

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	84.4288	35.95	peak	-14.03	21.92	40.00	100	25	-18.08	
	142.7453	29.11	peak	-7.14	21.97	43.50	100	90	-21.53	

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



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Radiated Emission Measurement

Operator: Kent

File : 1

Data : #2

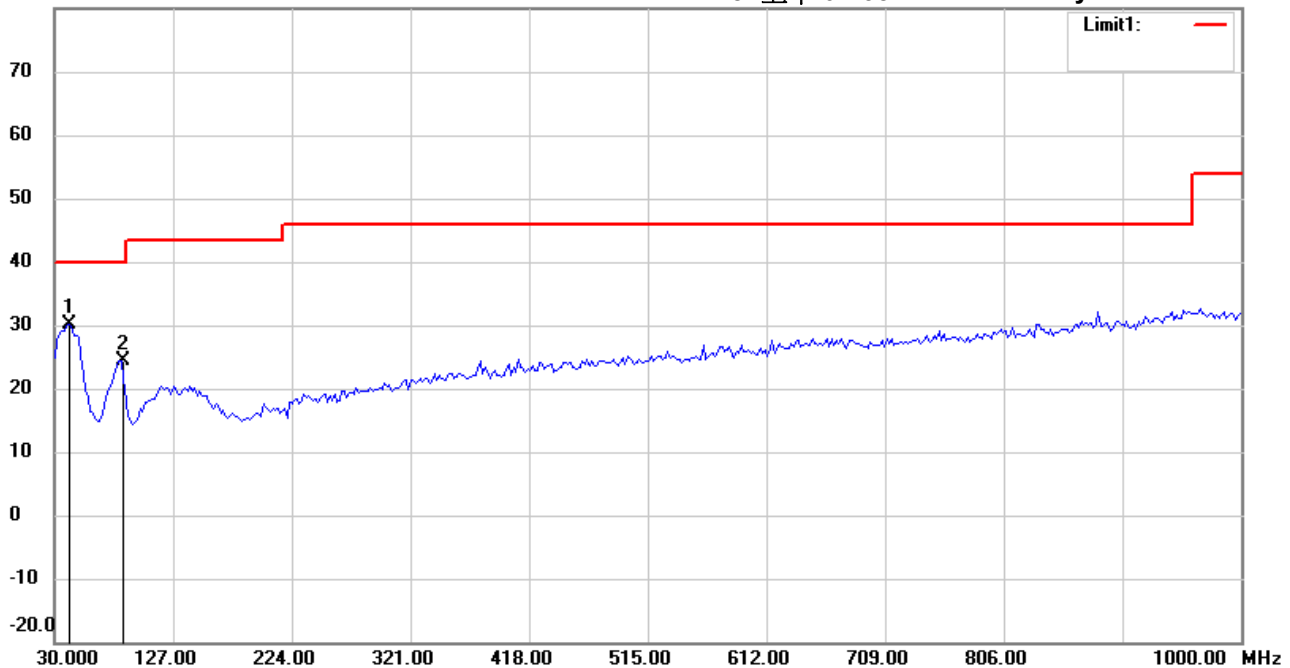
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:38:11

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	41.6633	39.78	peak	-9.64	30.14	40.00	100	155	-9.86	
	84.4290	38.51	peak	-14.03	24.48	40.00	100	240	-15.52	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

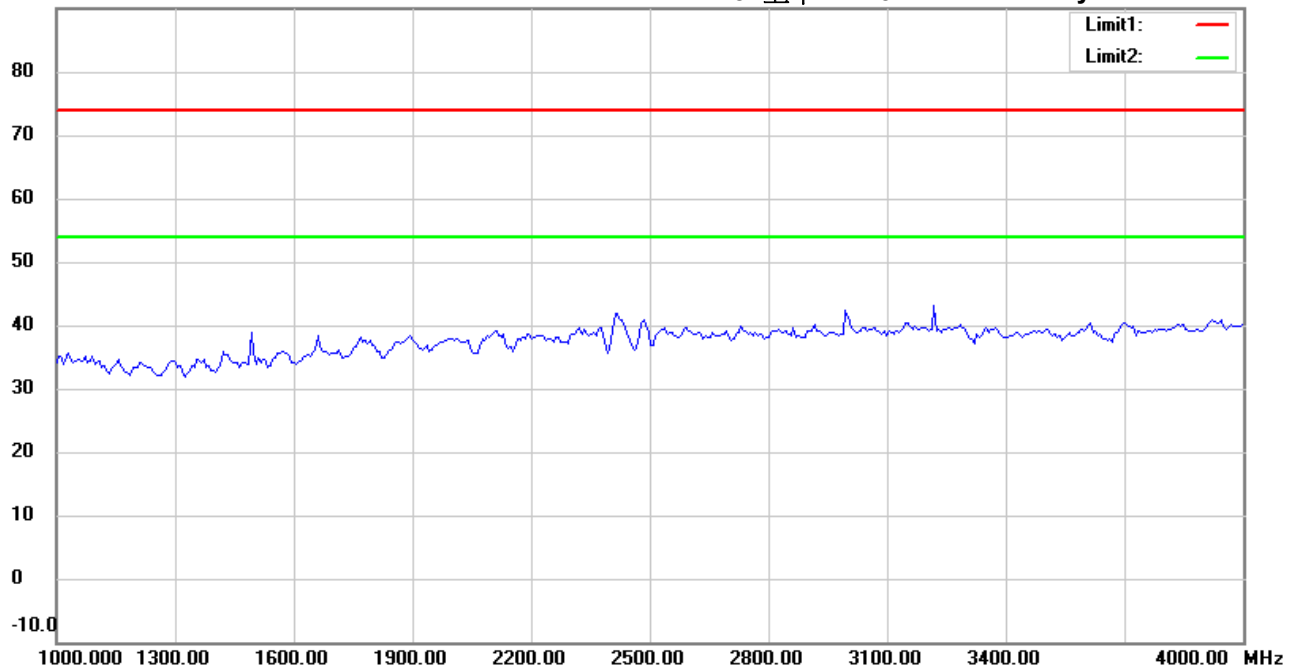
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:45:41

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

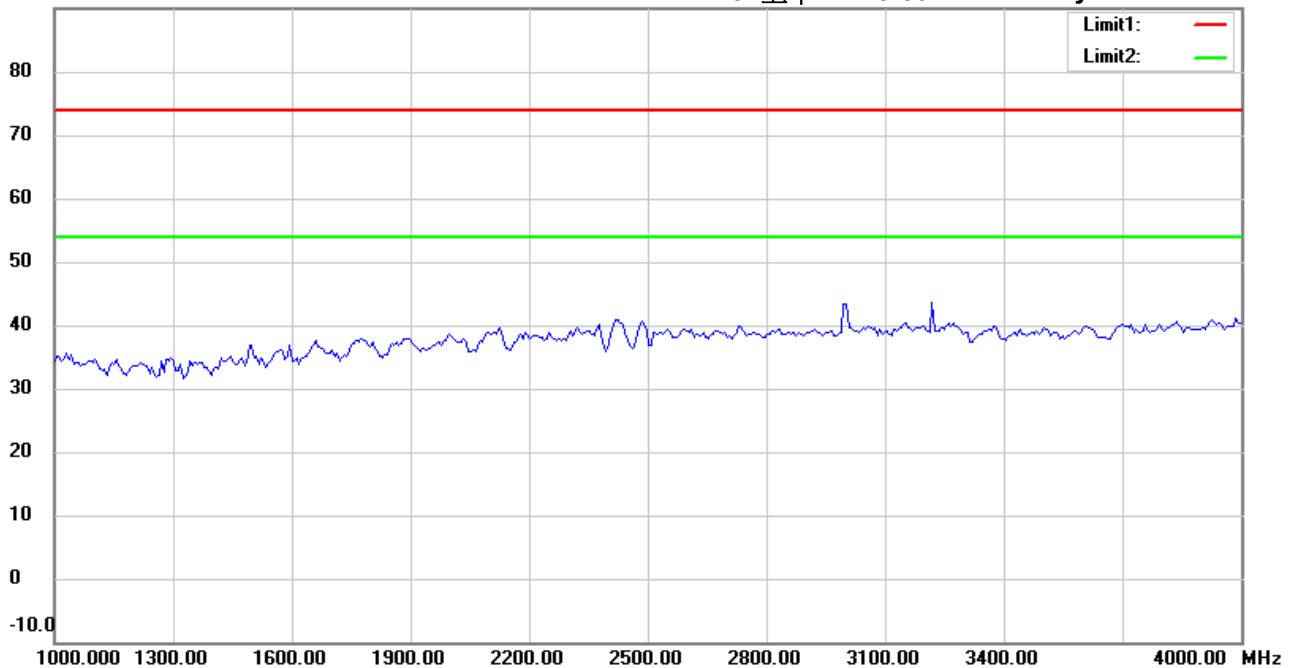
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:48:53

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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, Neihsu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

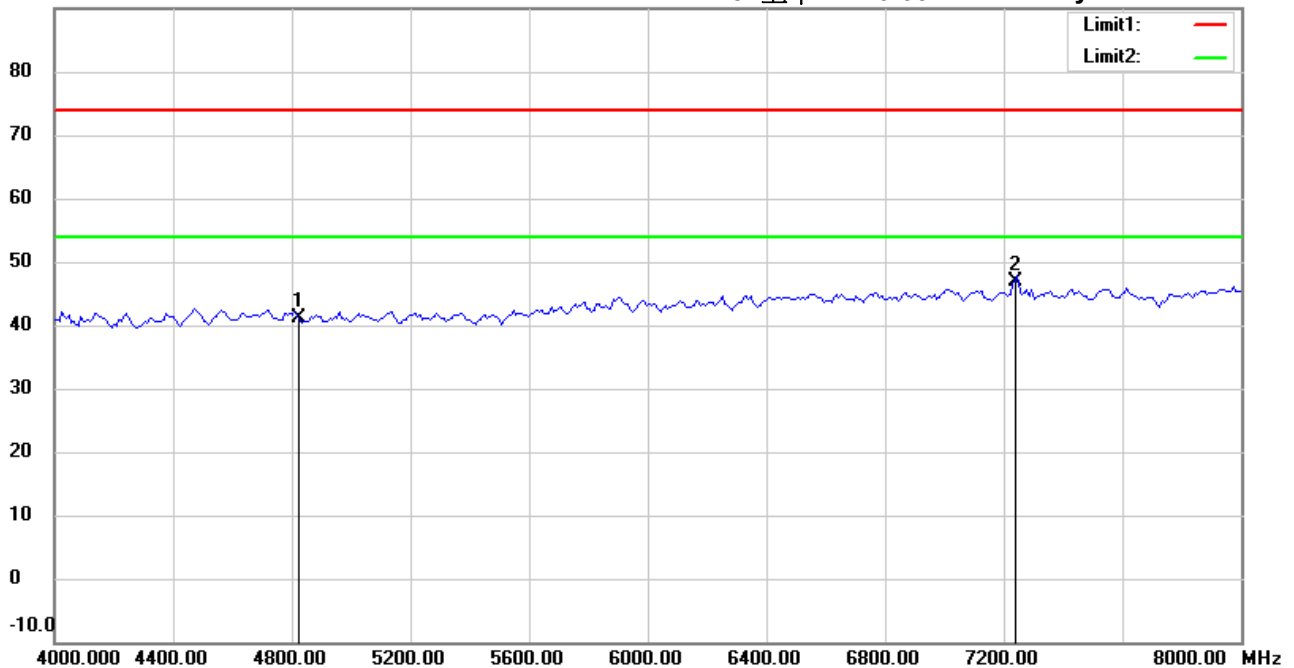
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:46:35

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	40.95	peak	0.11	41.06	74.00	150	175	-32.94	
*	7236.000	41.87	peak	5.07	46.94	74.00	150	90	-27.06	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

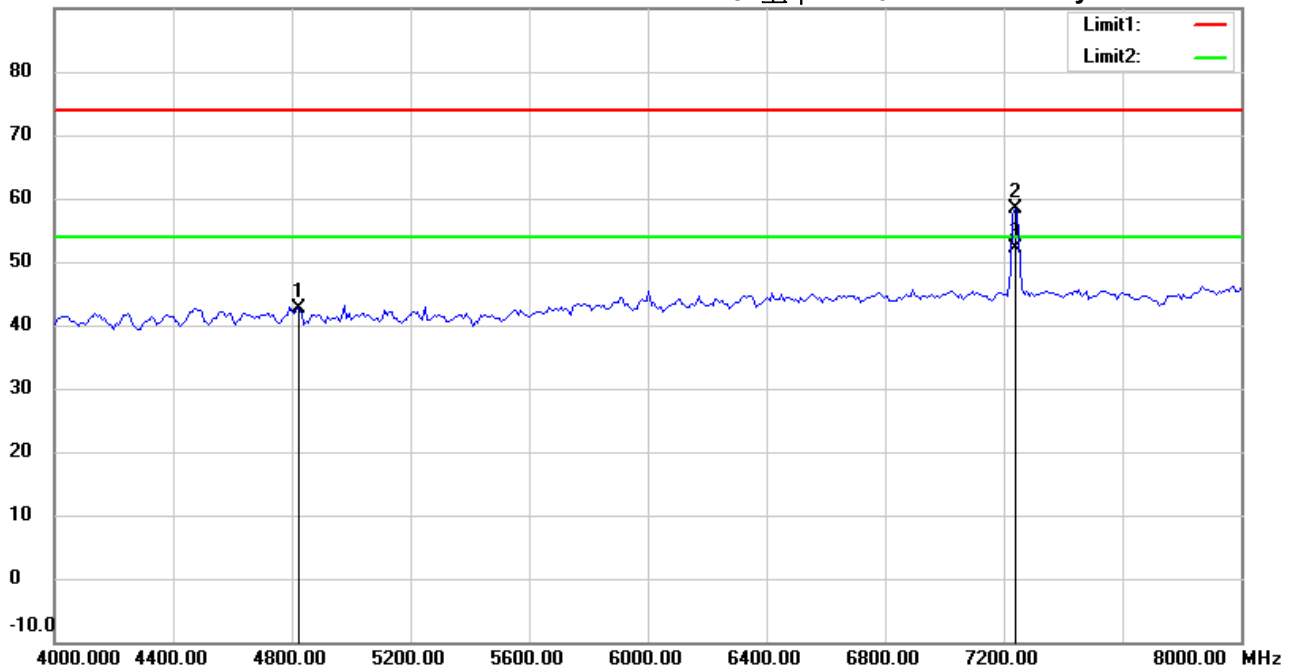
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:49:47

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	42.58	peak	0.11	42.69	74.00	150	195	-31.31	
	7238.477	53.20	peak	5.07	58.27	74.00	235	260	-15.73	
*	7238.477	47.12	AVG	5.07	52.19	54.00	235	260	-1.81	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

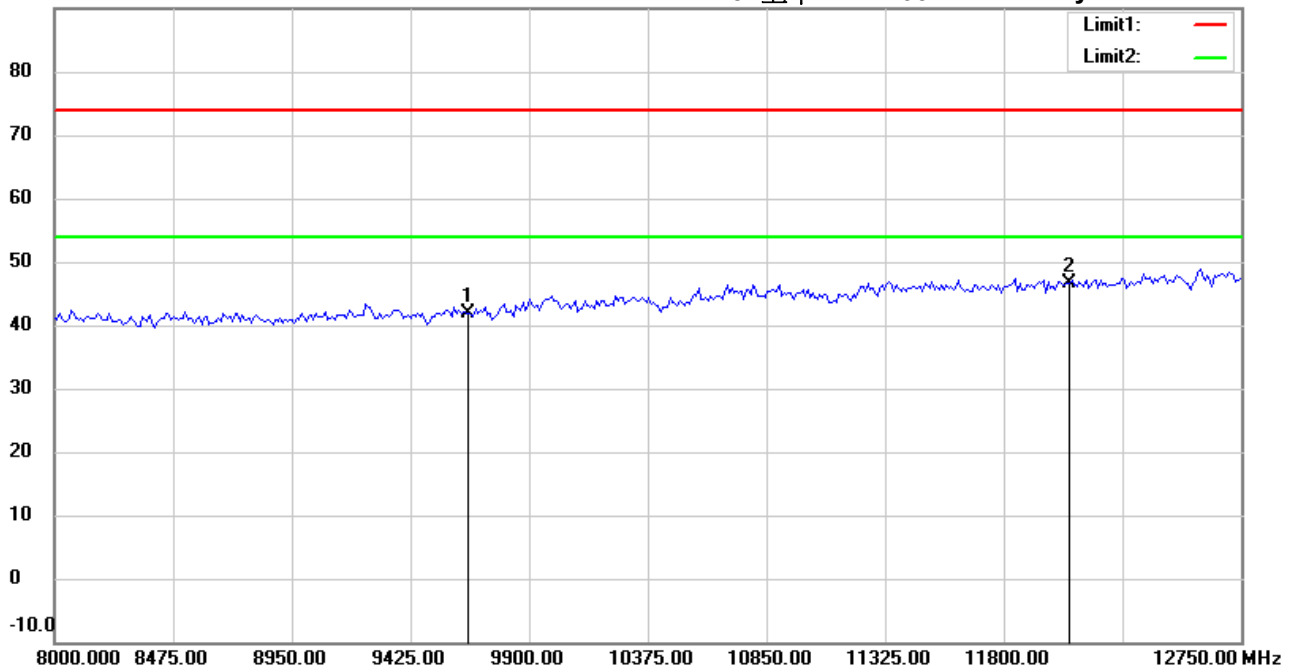
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:47:35

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	33.94	peak	8.00	41.94	74.00	150	225	-32.06	
*	12060.000	33.36	peak	13.36	46.72	74.00	150	85	-27.28	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

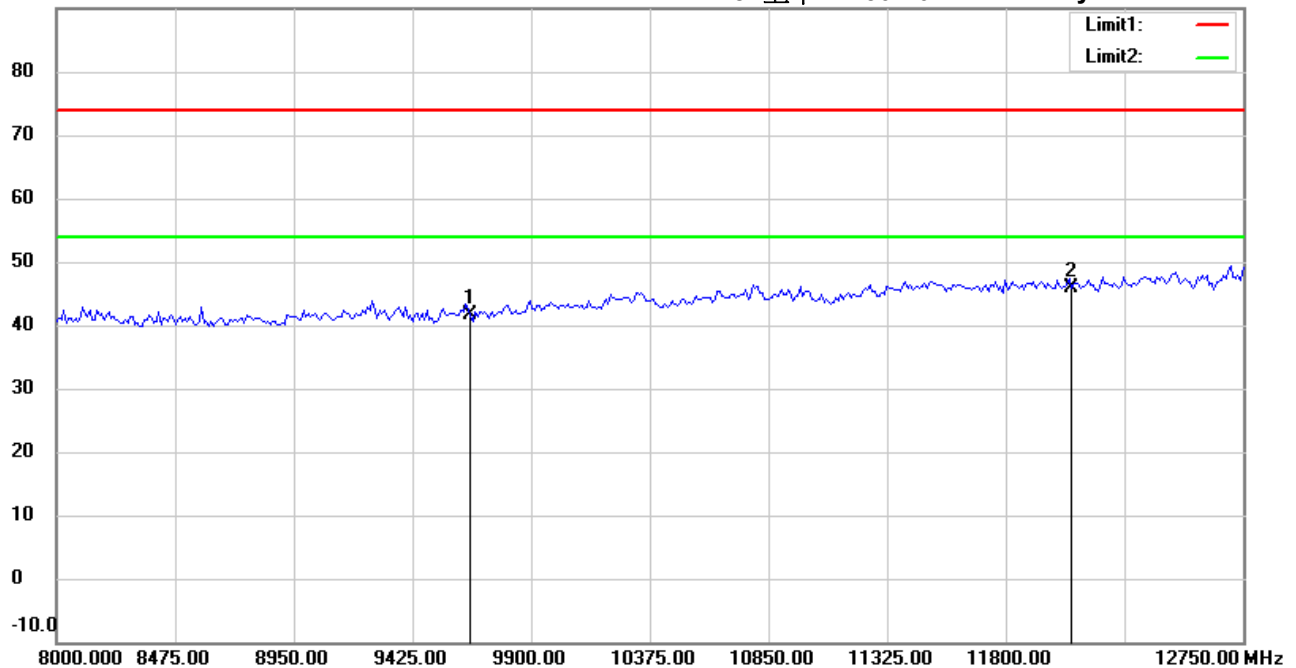
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:50:40

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	33.70	peak	8.00	41.70	74.00	150	245	-32.30	
*	12060.000	32.62	peak	13.36	45.98	74.00	150	55	-28.02	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

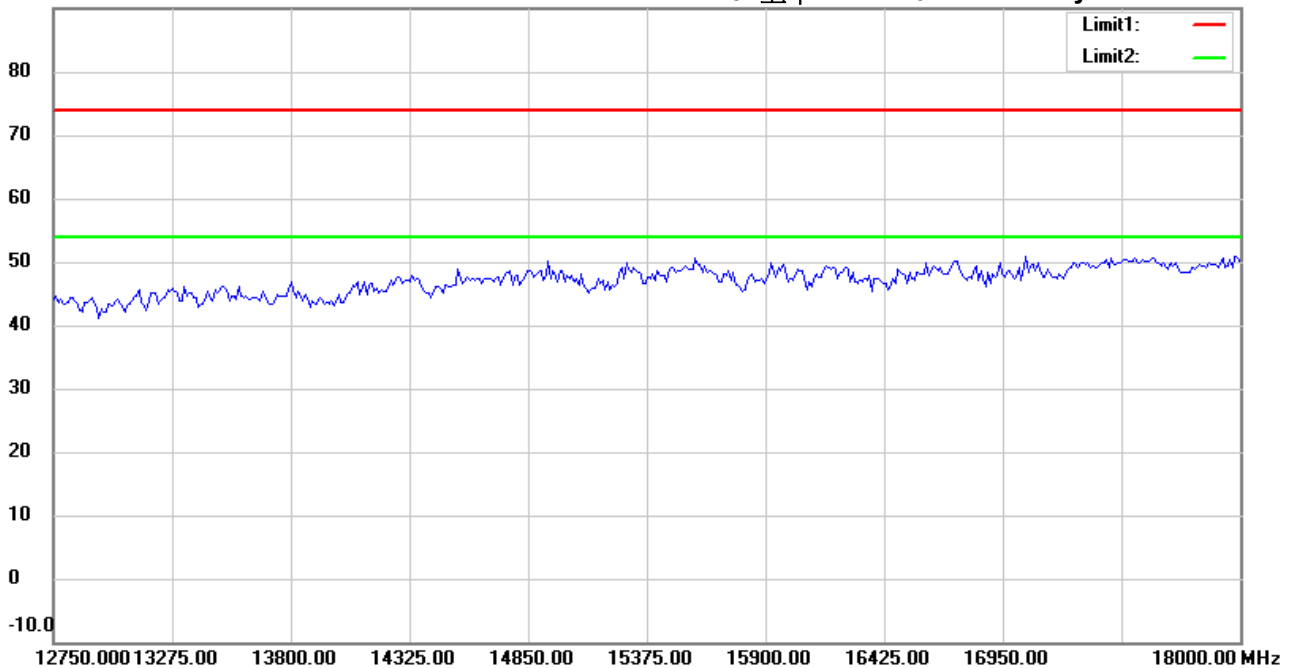
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:47:49

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Horizontal

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

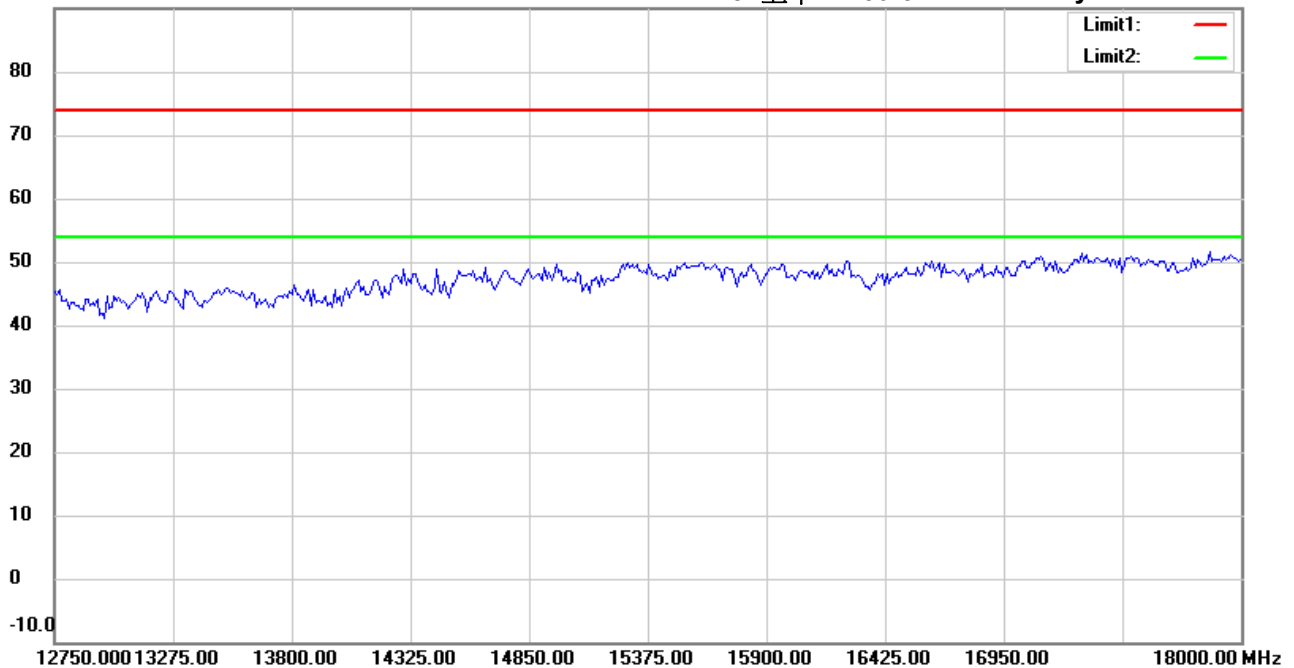
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:50:54

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

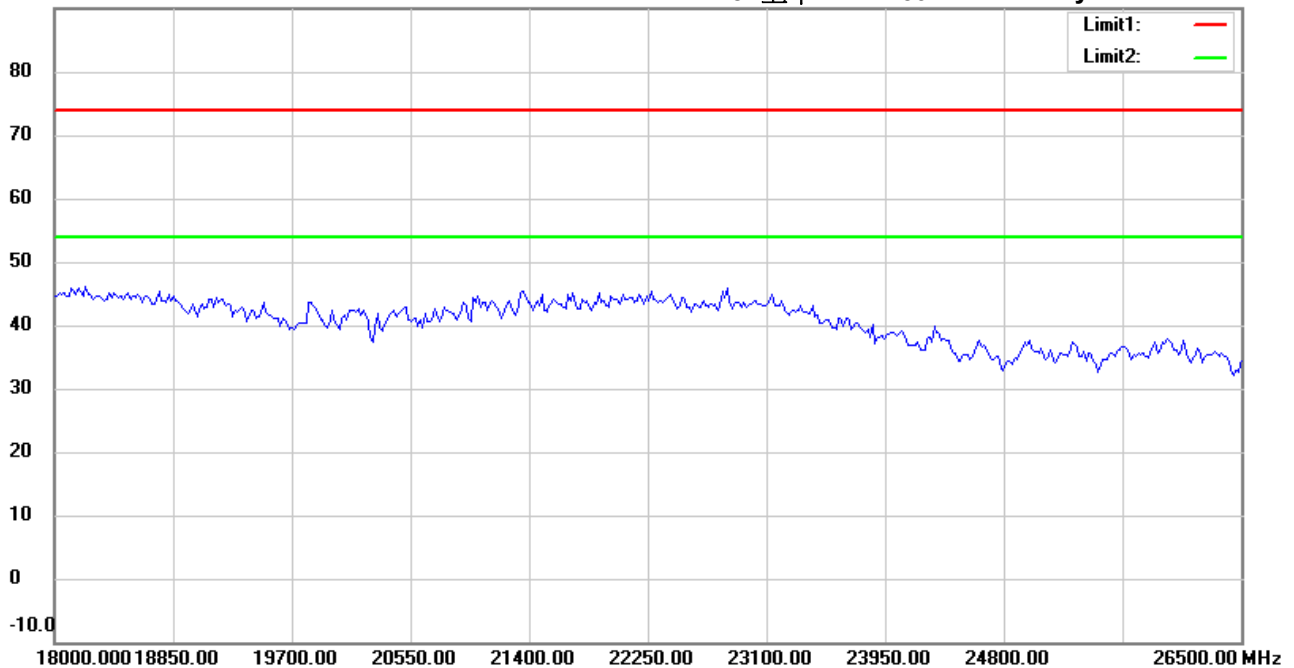
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:47:59

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

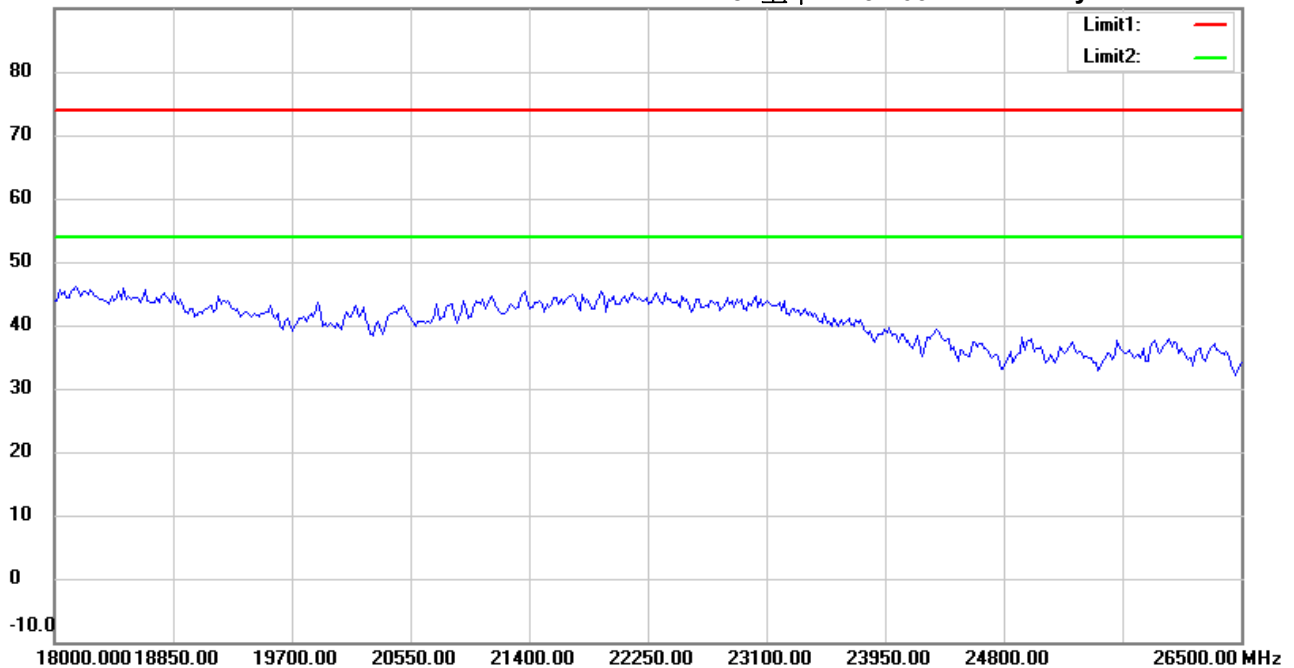
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:51:03

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File :1

Data :#1

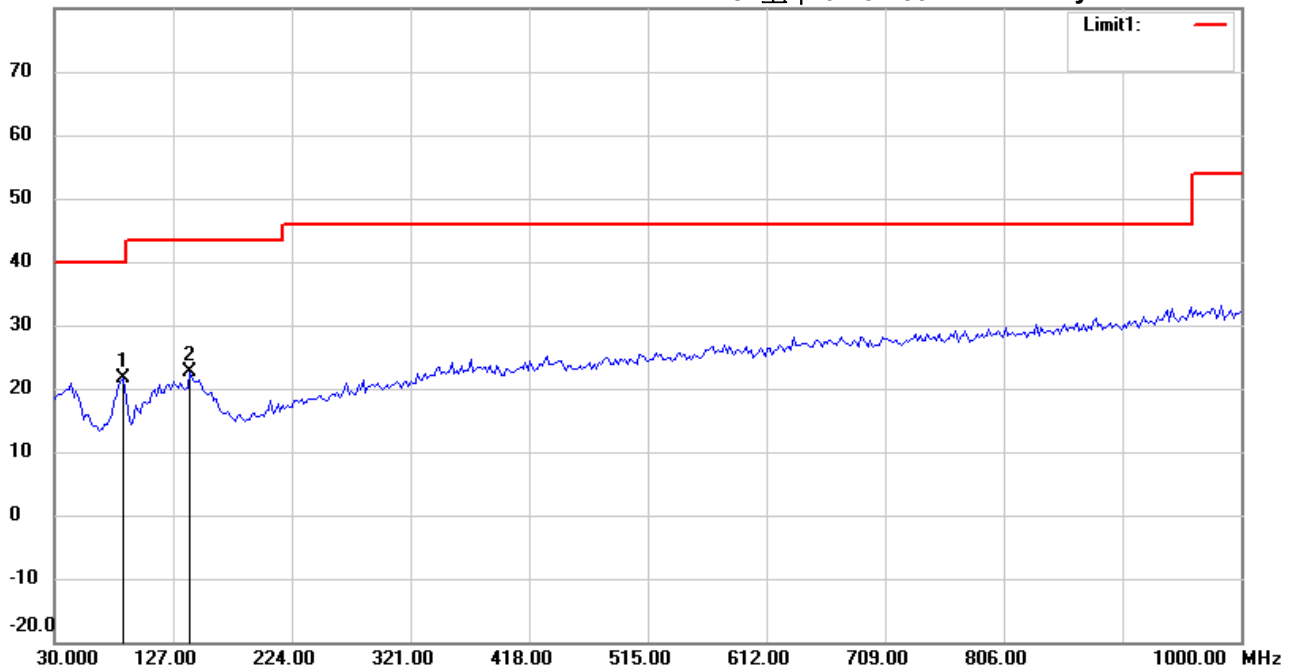
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:34:53

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	86.3726	35.50	peak	-13.95	21.55	40.00	100	175	-18.45	
	140.8015	29.64	peak	-6.94	22.70	43.50	100	60	-20.80	

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



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Radiated Emission Measurement

Operator: Kent

File : 1

Data : #2

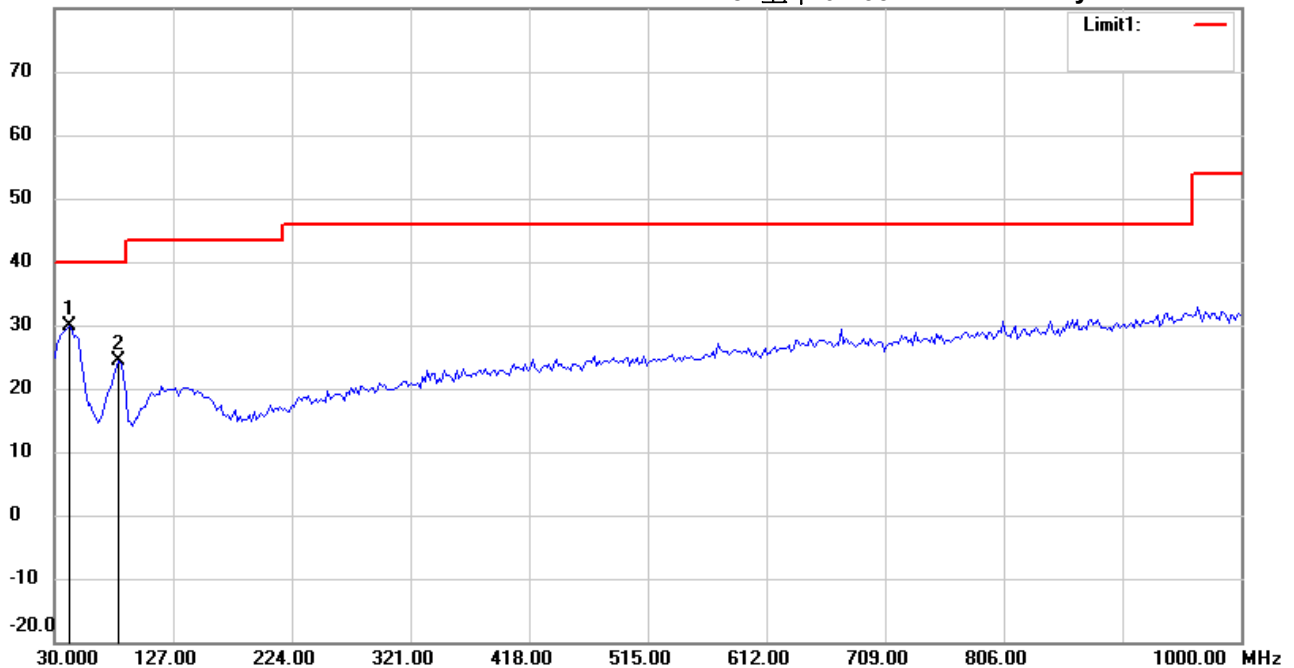
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:35:47

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	41.6633	39.58	peak	-9.64	29.94	40.00	100	55	-10.06	
	82.4850	38.51	peak	-14.11	24.40	40.00	100	230	-15.60	

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



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

Operator: Leon

File : 3

Data : #1

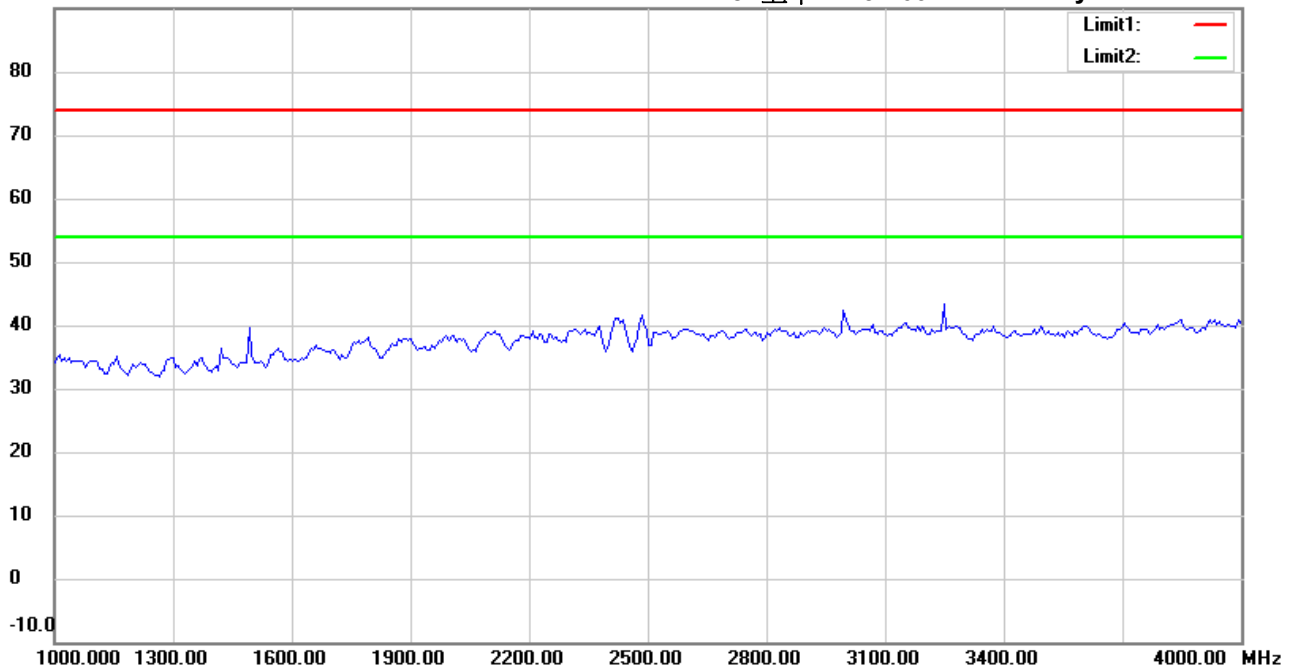
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:54:09

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File : 3

Data : #6

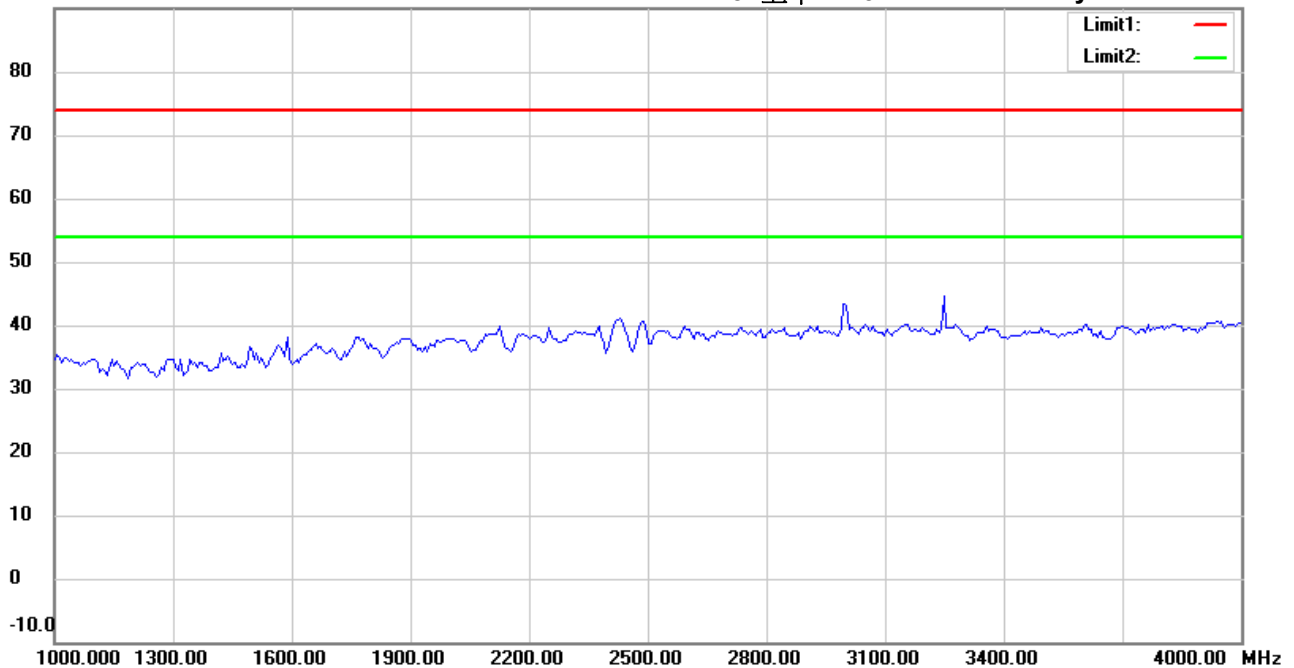
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:57:21

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

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

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



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

Operator: Leon

File :3

Data :#2

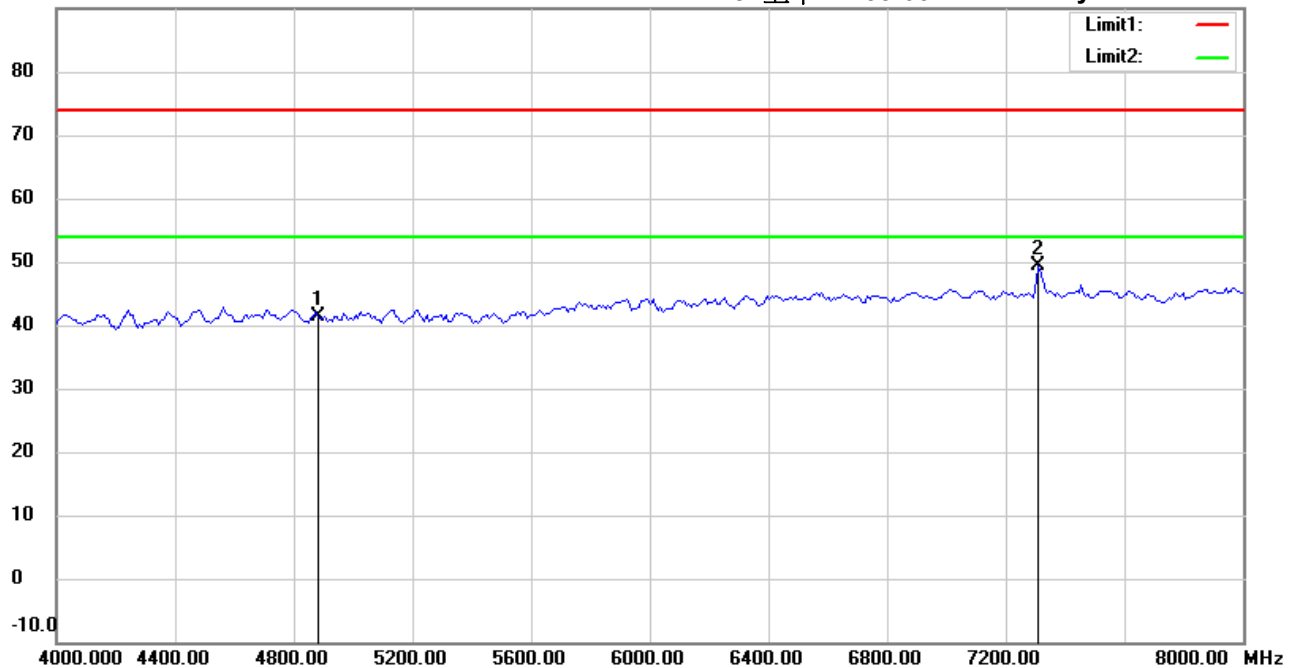
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:55:03

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	41.21	peak	0.16	41.37	74.00	150	175	-32.63	
*	7310.621	44.35	peak	5.09	49.44	74.00	150	80	-24.56	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

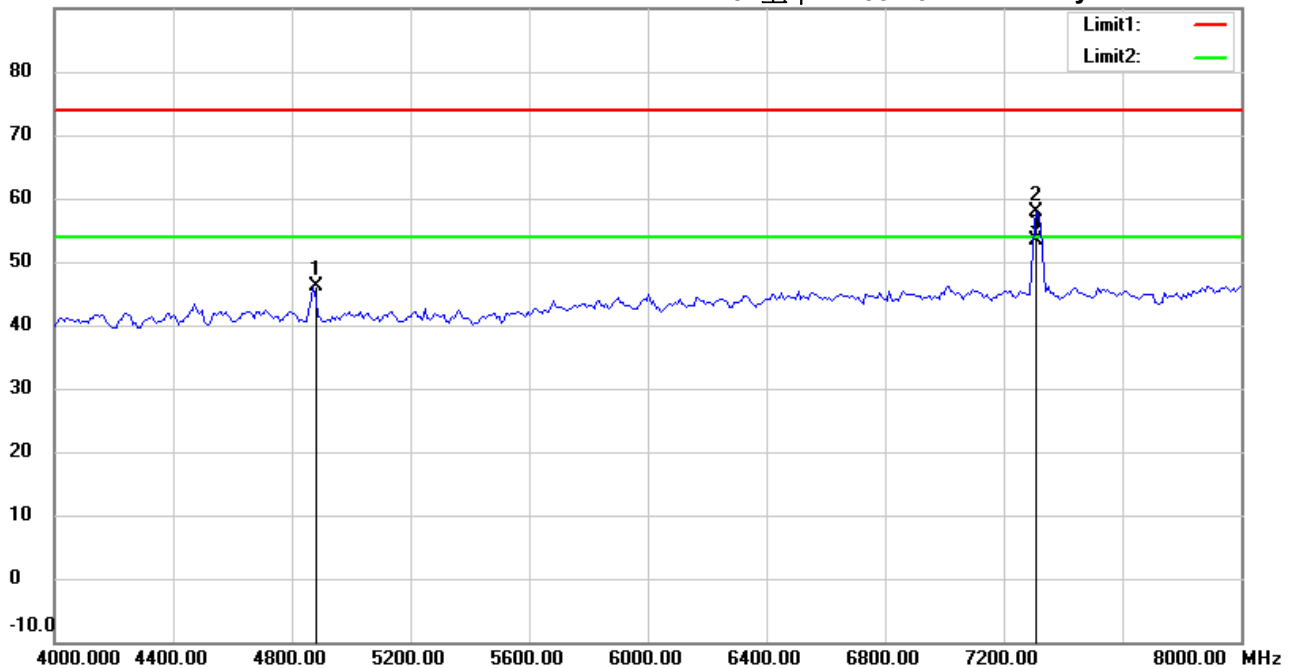
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:58:15

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4873.748	46.02	peak	0.16	46.18	74.00	150	75	-27.82	
	7310.621	52.79	peak	5.09	57.88	74.00	165	230	-16.12	
*	7310.621	48.36	AVG	5.09	53.45	54.00	165	230	-0.55	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

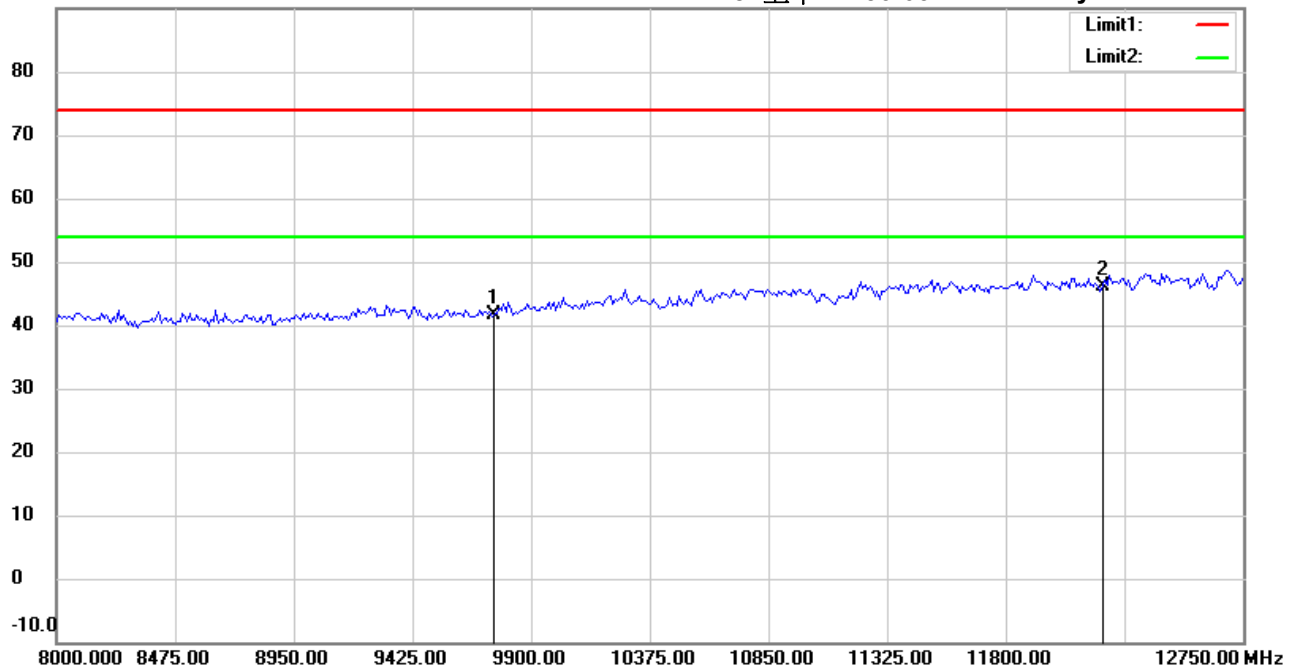
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:56:03

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	33.34	peak	8.18	41.52	74.00	150	195	-32.48	
*	12185.000	32.19	peak	14.03	46.22	74.00	150	230	-27.78	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

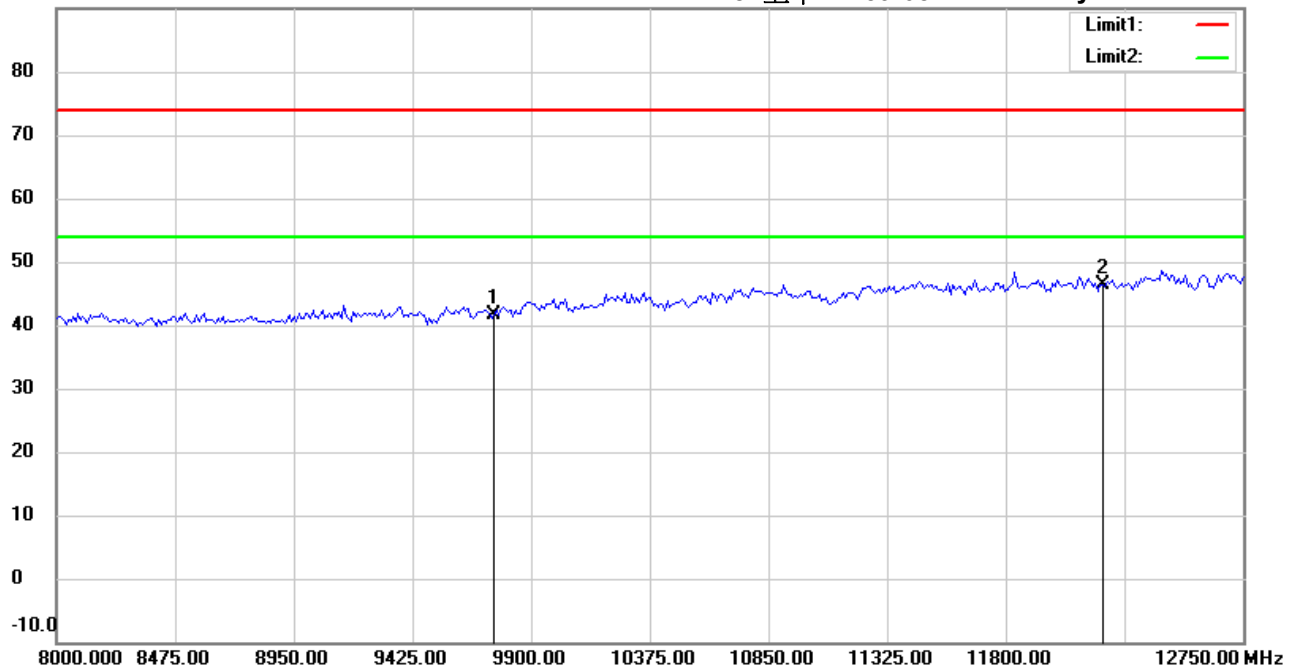
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:59:08

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	33.53	peak	8.18	41.71	74.00	150	255	-32.29	
*	12185.000	32.38	peak	14.03	46.41	74.00	150	180	-27.59	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

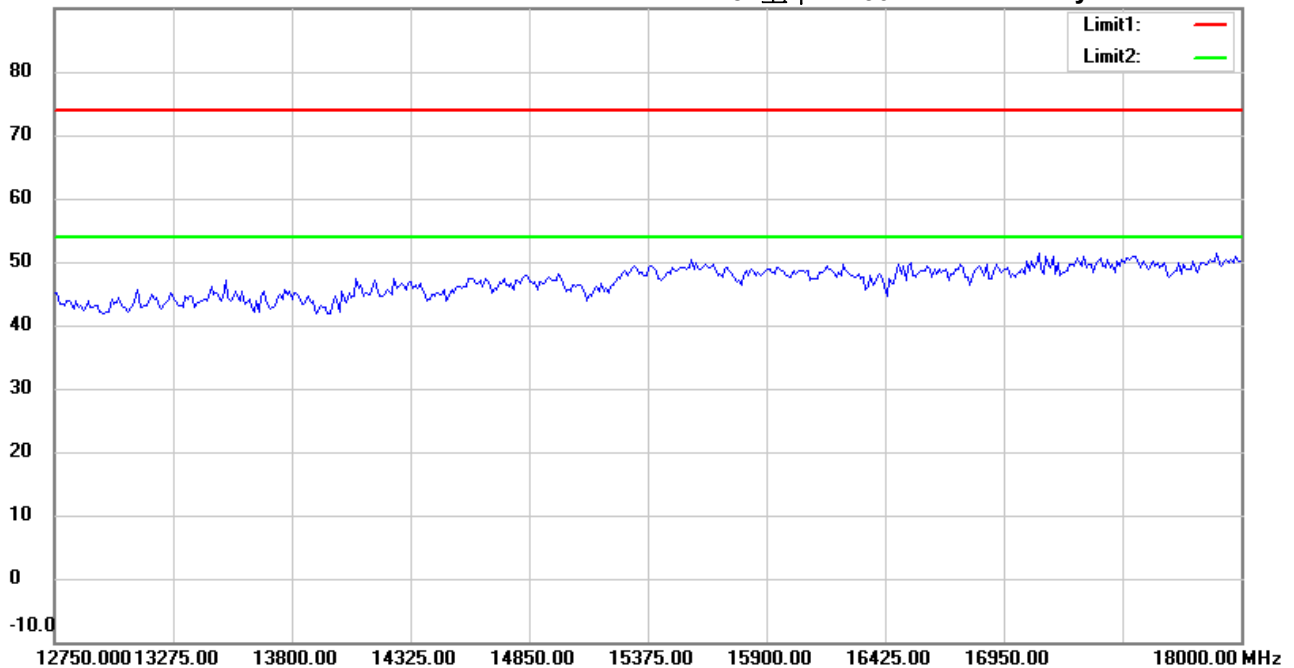
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:56:17

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

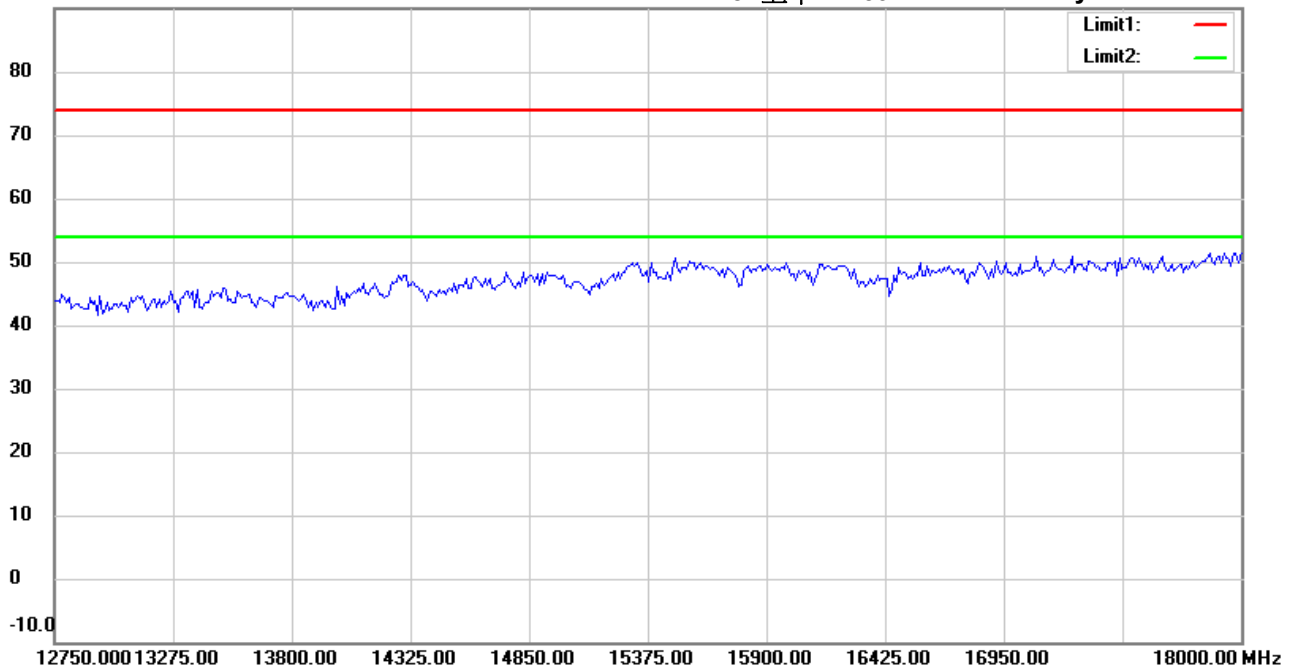
Date: 2017/5/13

Temperature:24 °C

90.0 dBuV/m

Time: 上午 12:59:22

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

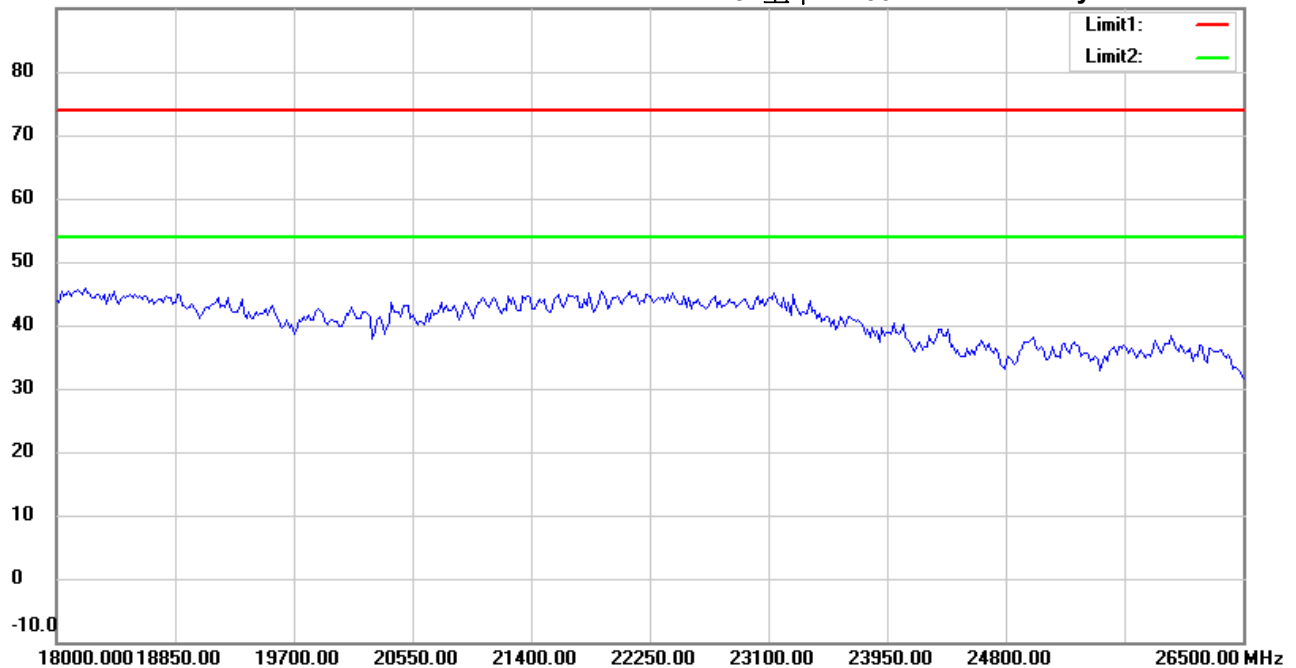
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:56:27

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

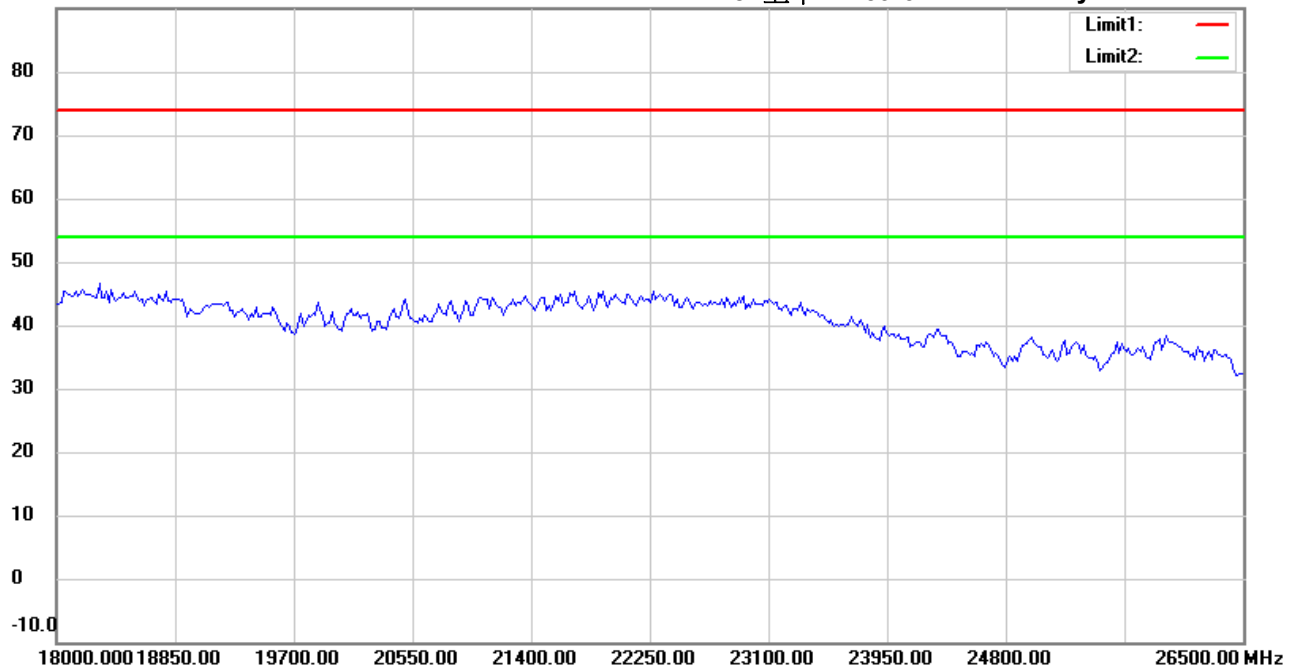
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 12:59:32

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File :1

Data :#1

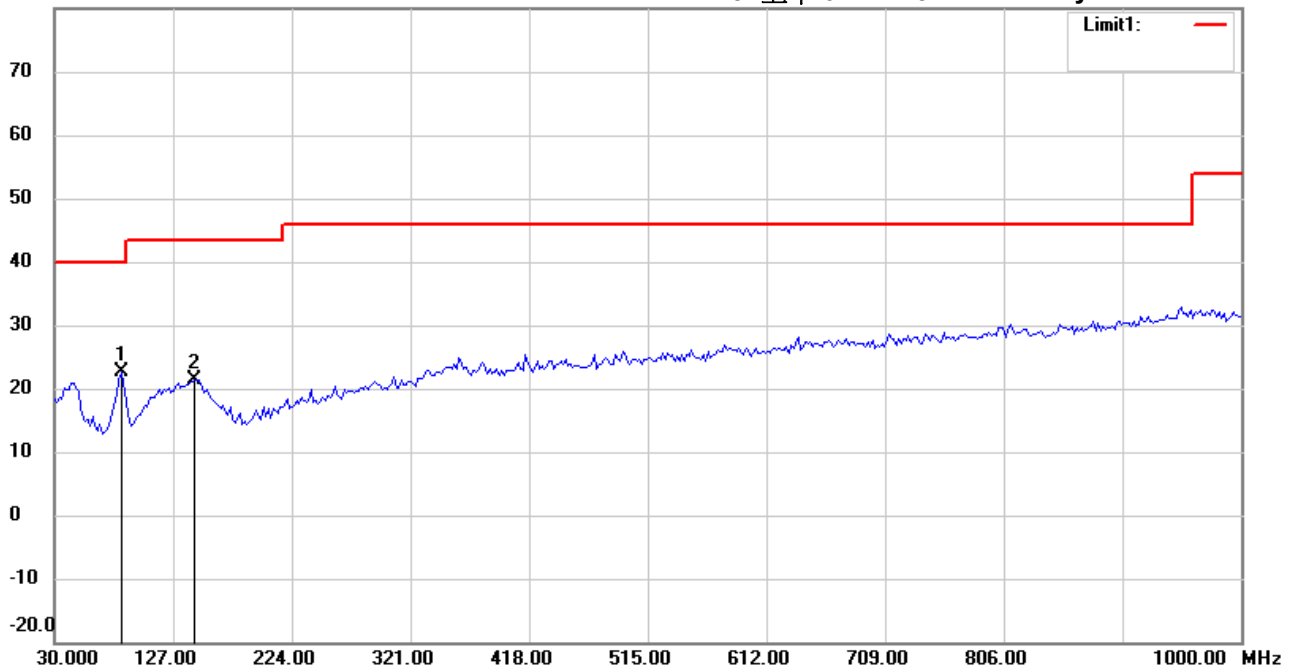
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:42:48

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	84.4288	36.55	peak	-14.03	22.52	40.00	100	55	-17.48	
	144.6894	28.82	peak	-7.33	21.49	43.50	100	120	-22.01	

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



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

Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

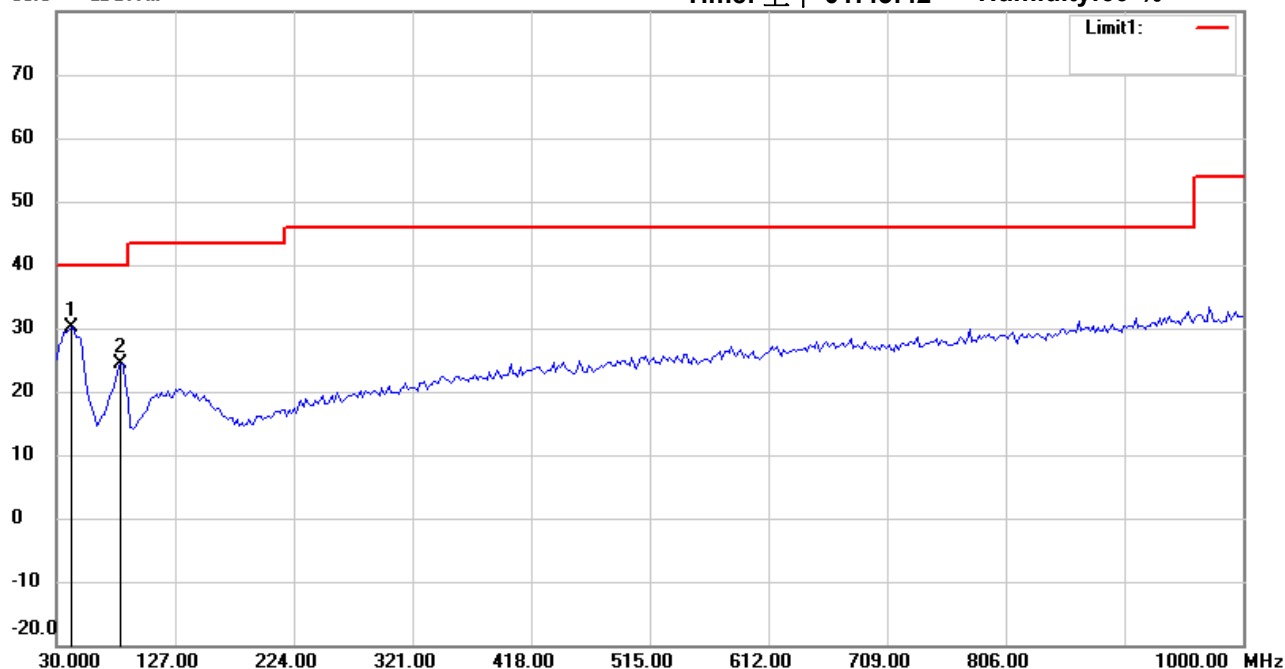
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:43:42

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	41.6633	39.75	peak	-9.64	30.11	40.00	100	95	-9.89	
	82.4850	38.56	peak	-14.11	24.45	40.00	100	60	-15.55	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

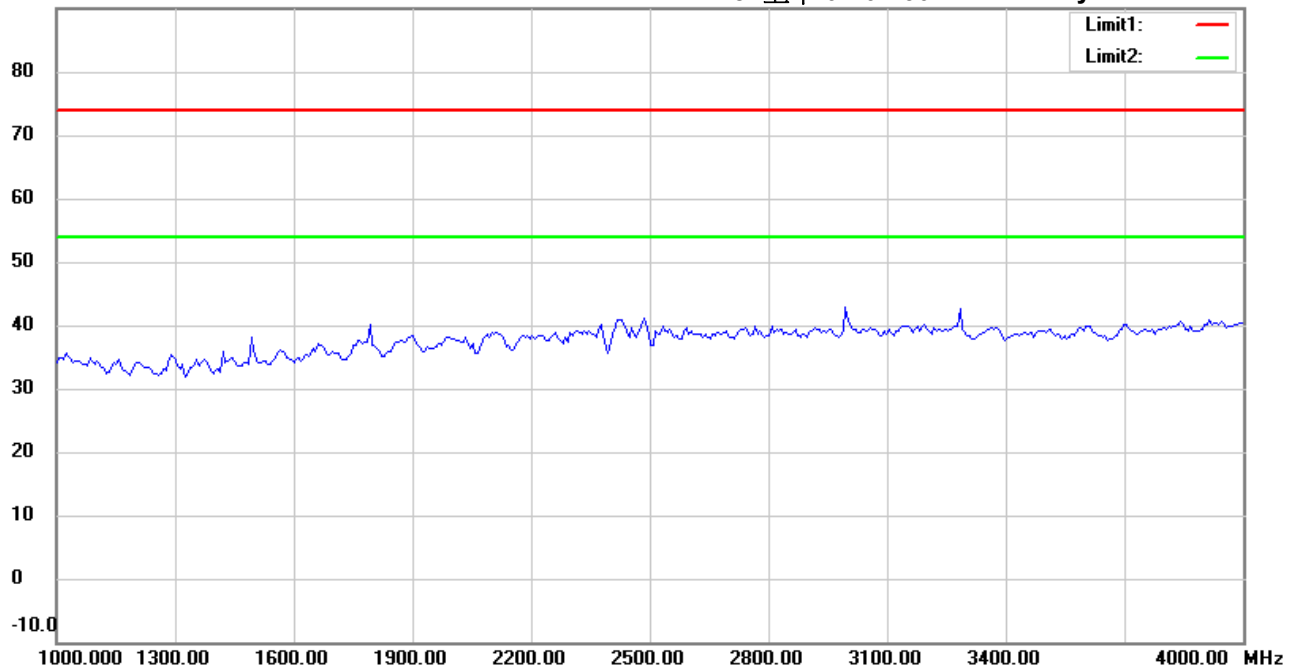
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:02:30

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

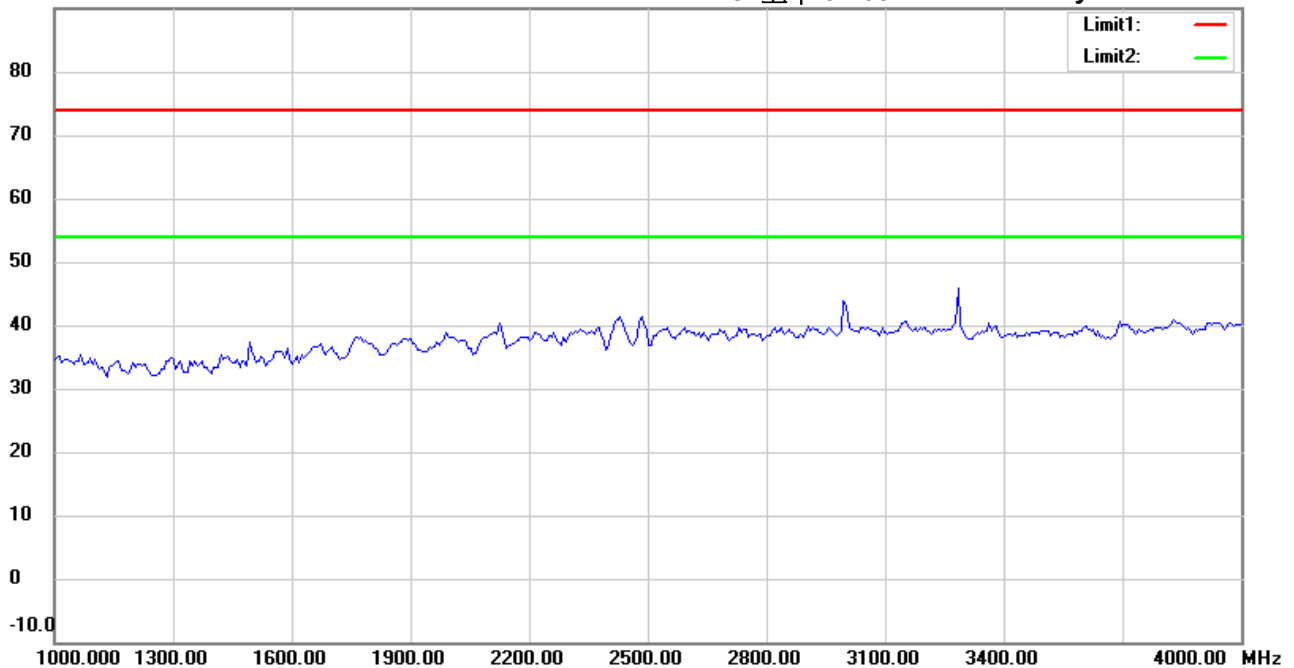
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:05:41

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#2

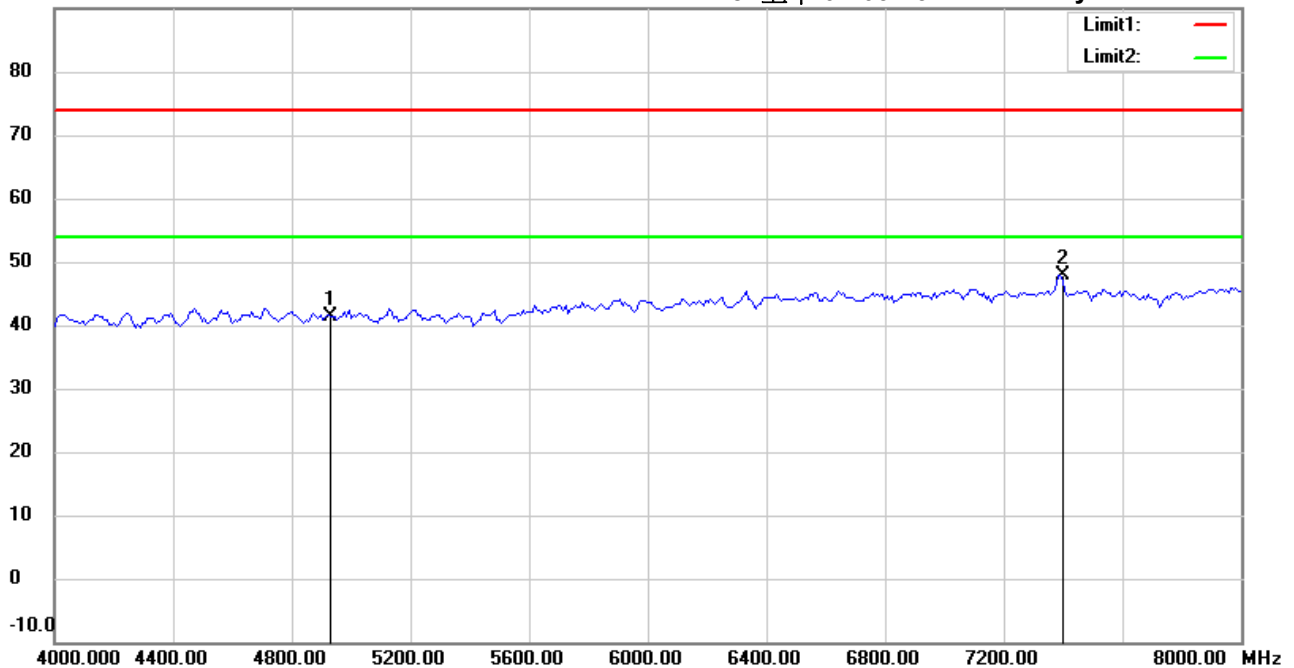
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:03:23

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	41.09	peak	0.20	41.29	74.00	150	75	-32.71	
*	7390.782	42.69	peak	5.18	47.87	74.00	150	90	-26.13	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

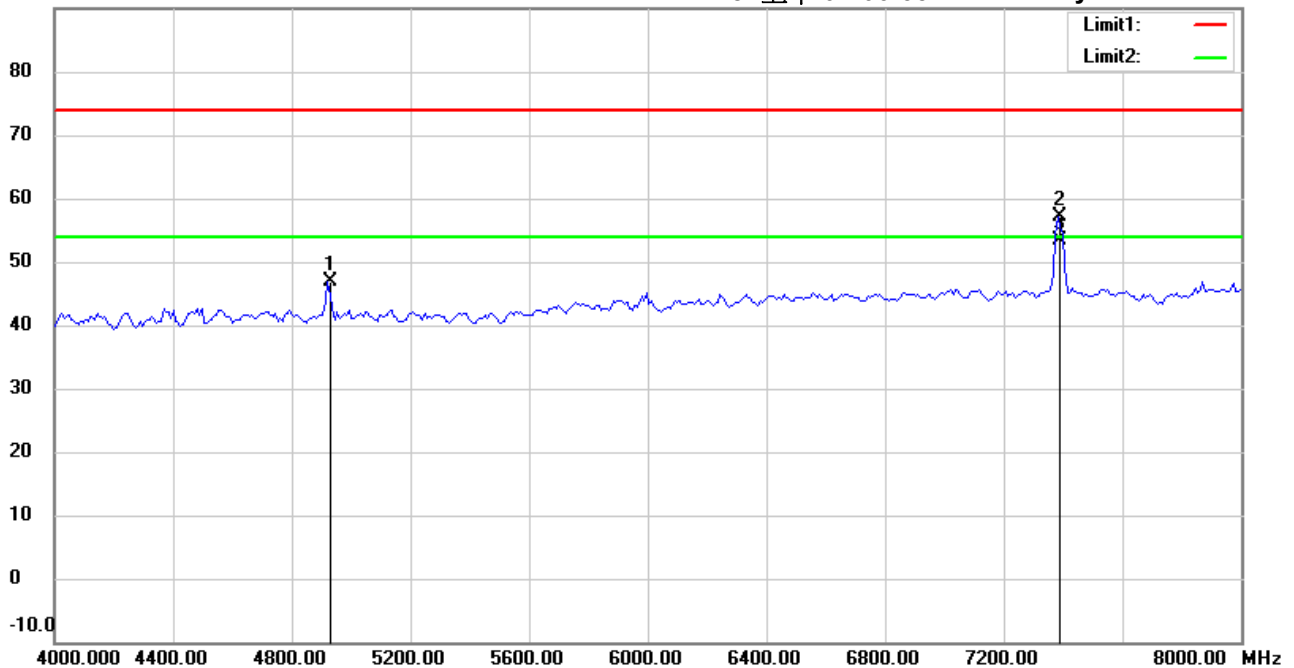
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:06:35

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	46.72	peak	0.20	46.92	74.00	150	255	-27.08	
	7382.766	51.95	peak	5.17	57.12	74.00	170	270	-16.88	
*	7382.766	48.27	AVG	5.17	53.44	54.00	170	270	-0.56	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

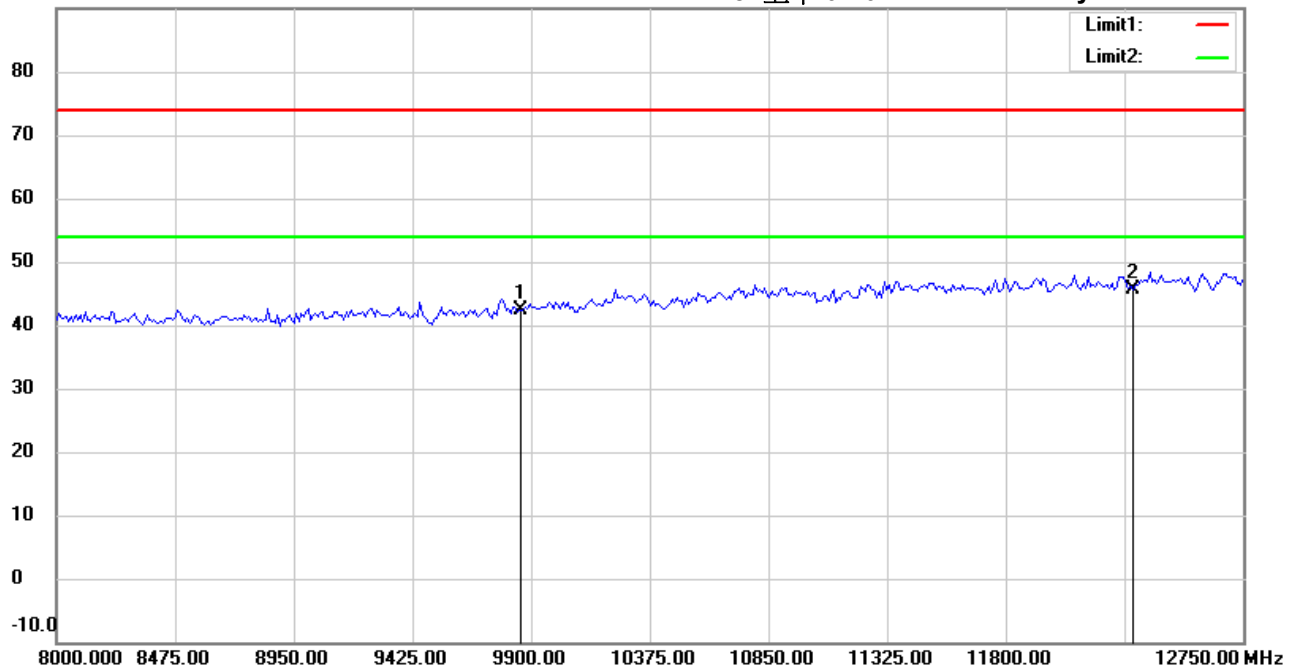
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:04:24

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	34.02	peak	8.44	42.46	74.00	150	220	-31.54	
*	12310.000	31.82	peak	13.92	45.74	74.00	150	175	-28.26	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

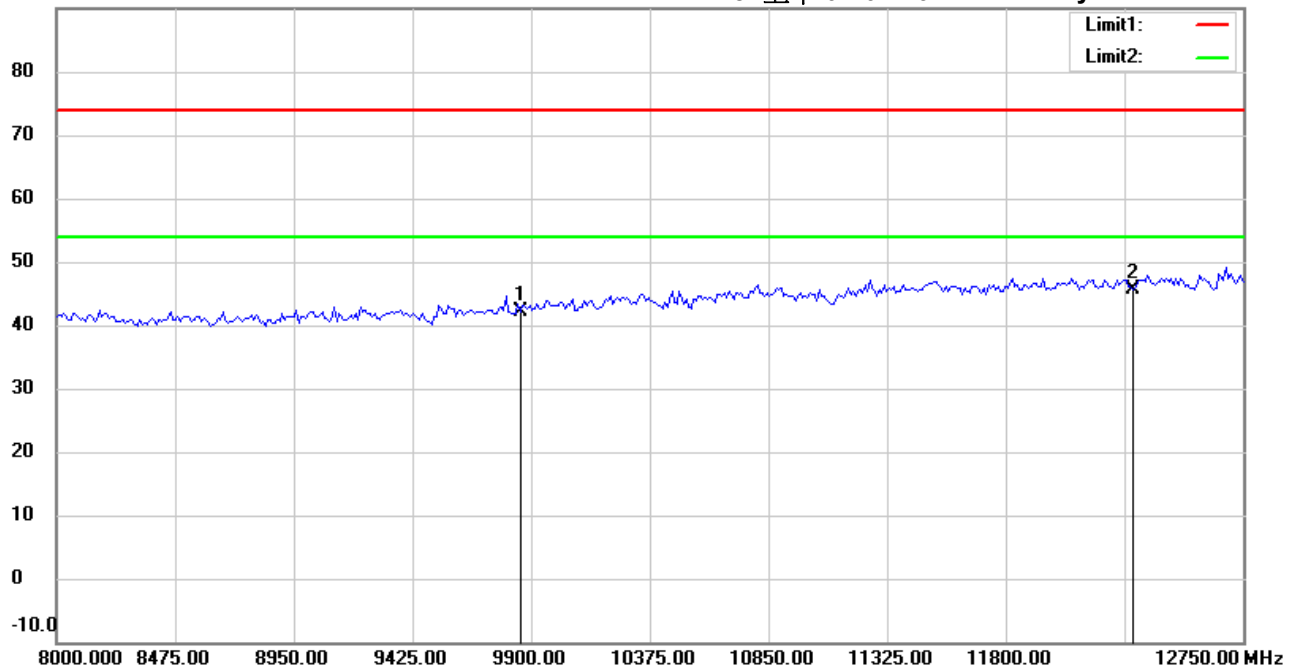
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:07:29

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	33.69	peak	8.44	42.13	74.00	150	90	-31.87	
*	12310.000	31.67	peak	13.92	45.59	74.00	150	235	-28.41	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

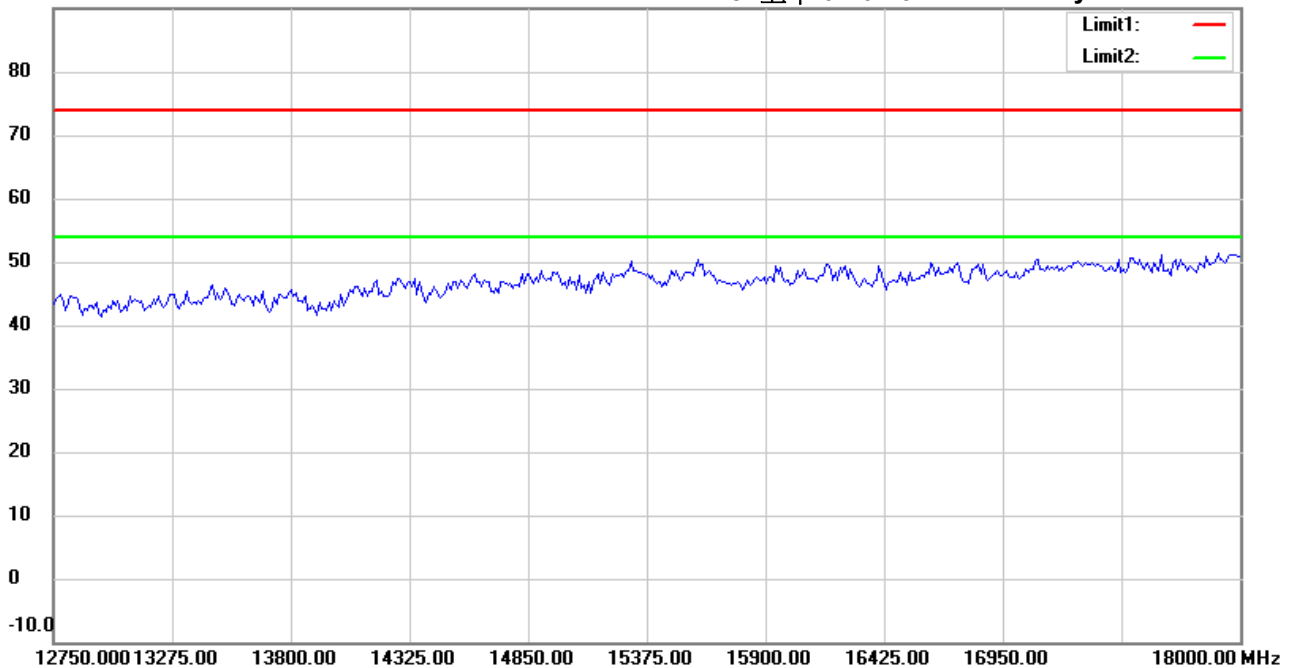
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:04:37

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

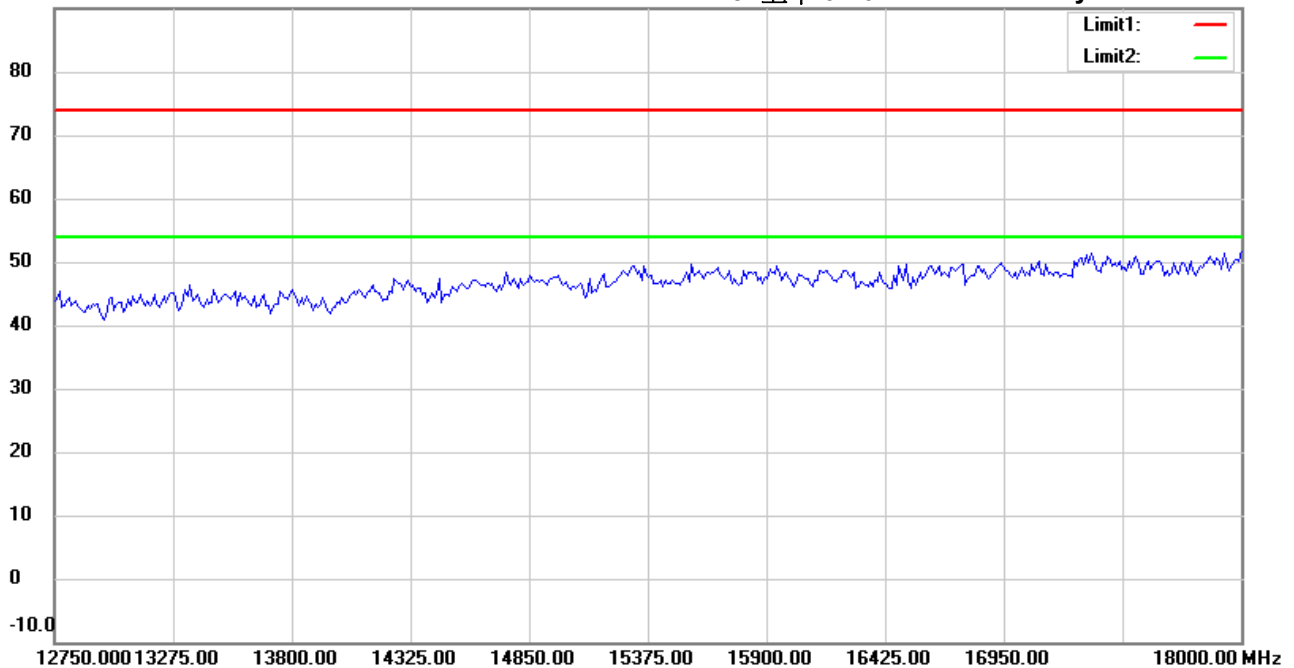
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:07:42

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

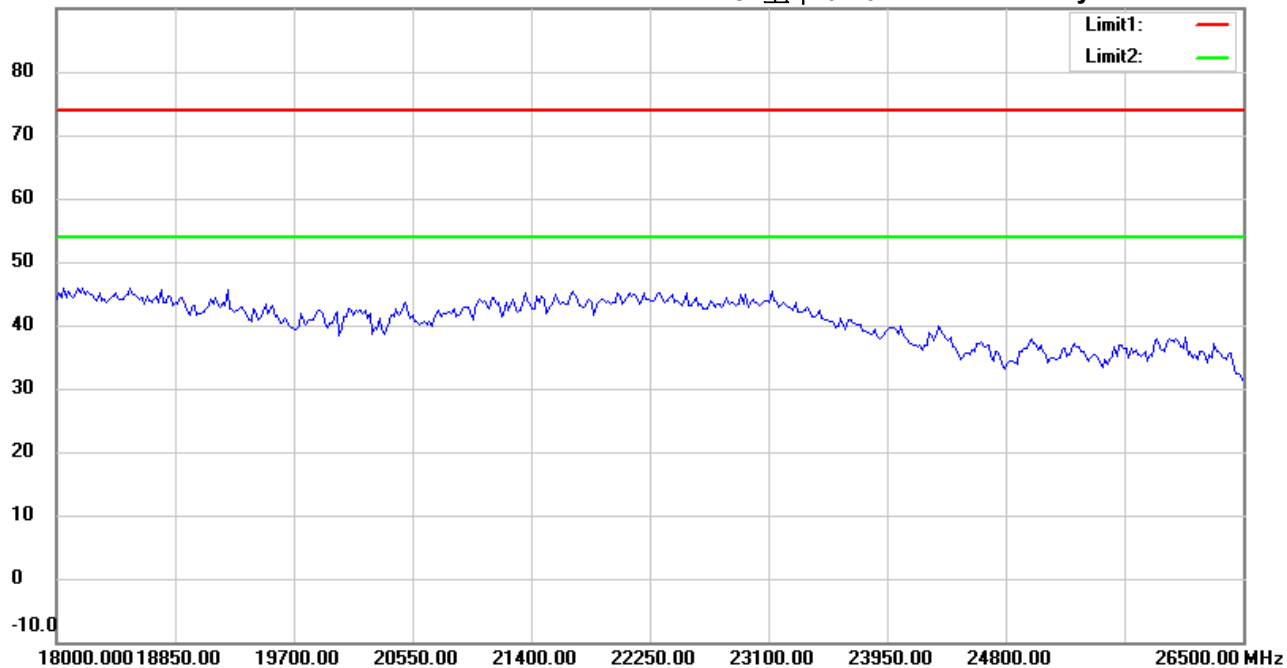
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:04:47

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File : 3

Data : #10

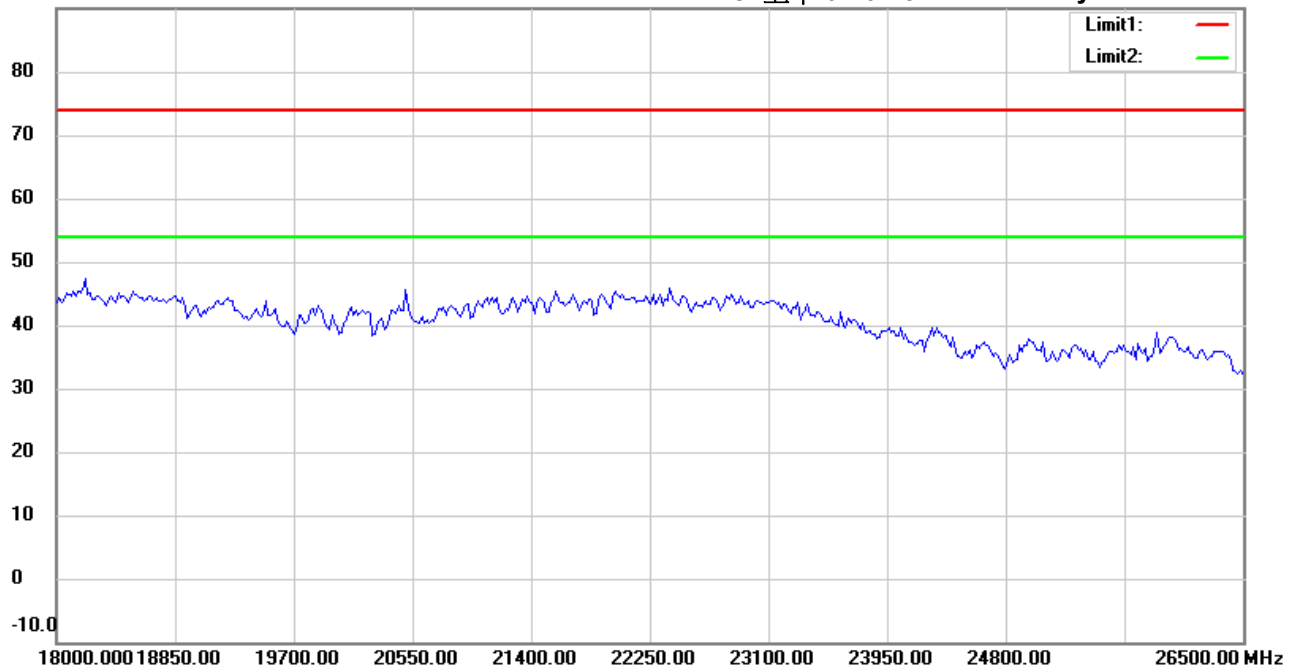
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:07:52

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Kent

File :1

Data :#1

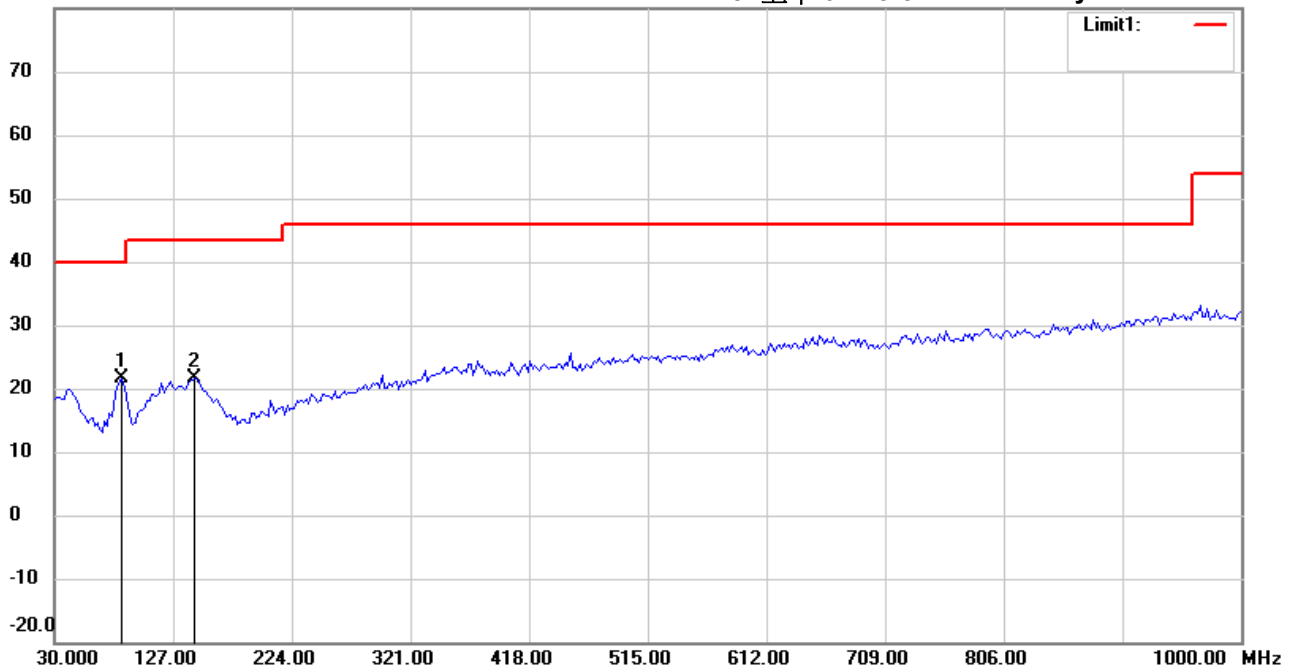
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:28:52

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	84.4288	35.75	peak	-14.03	21.72	40.00	100	155	-18.28	
	144.6894	28.97	peak	-7.33	21.64	43.50	100	90	-21.86	

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



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

Operator: Kent

File :1

Data :#2

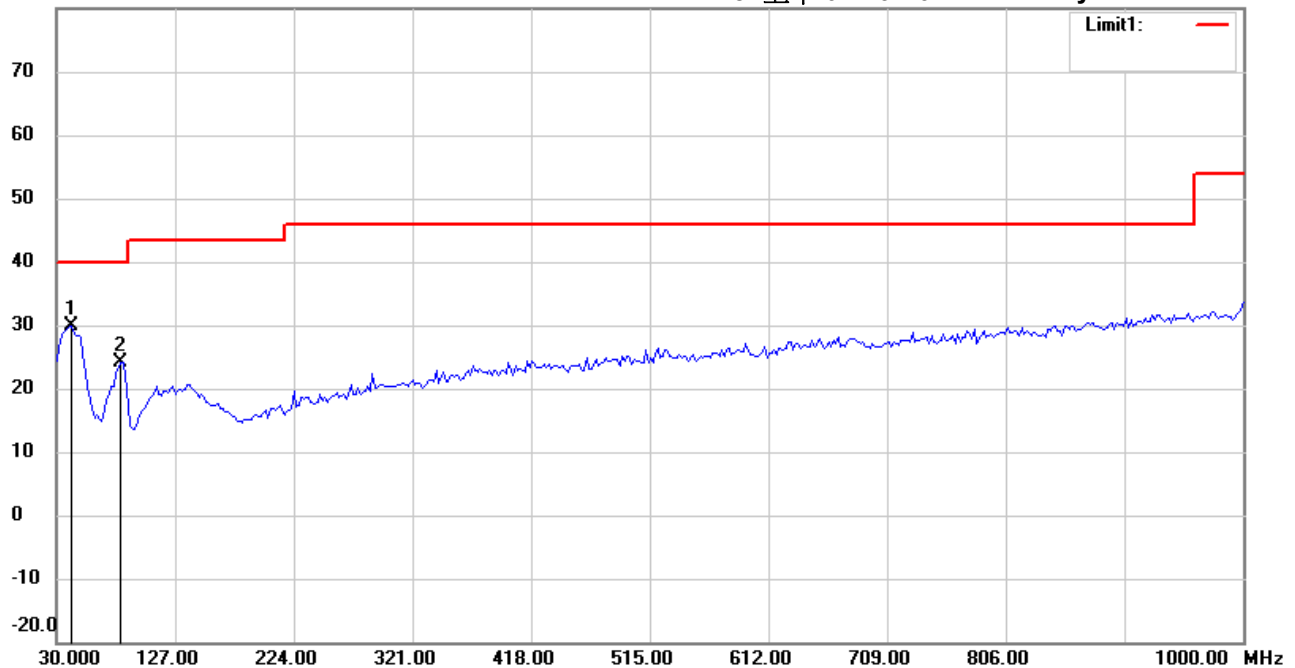
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:29:46

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	41.6633	39.50	peak	-9.64	29.86	40.00	100	175	-10.14	
	82.4850	38.16	peak	-14.11	24.05	40.00	100	40	-15.95	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

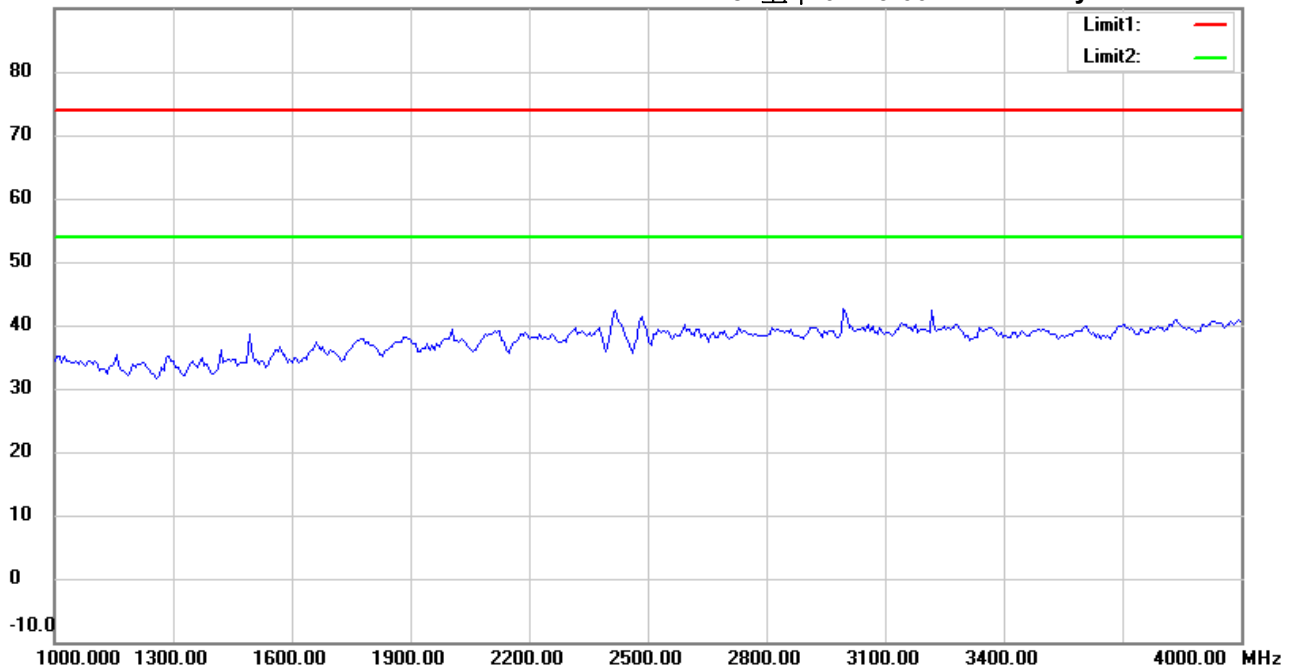
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:13:00

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

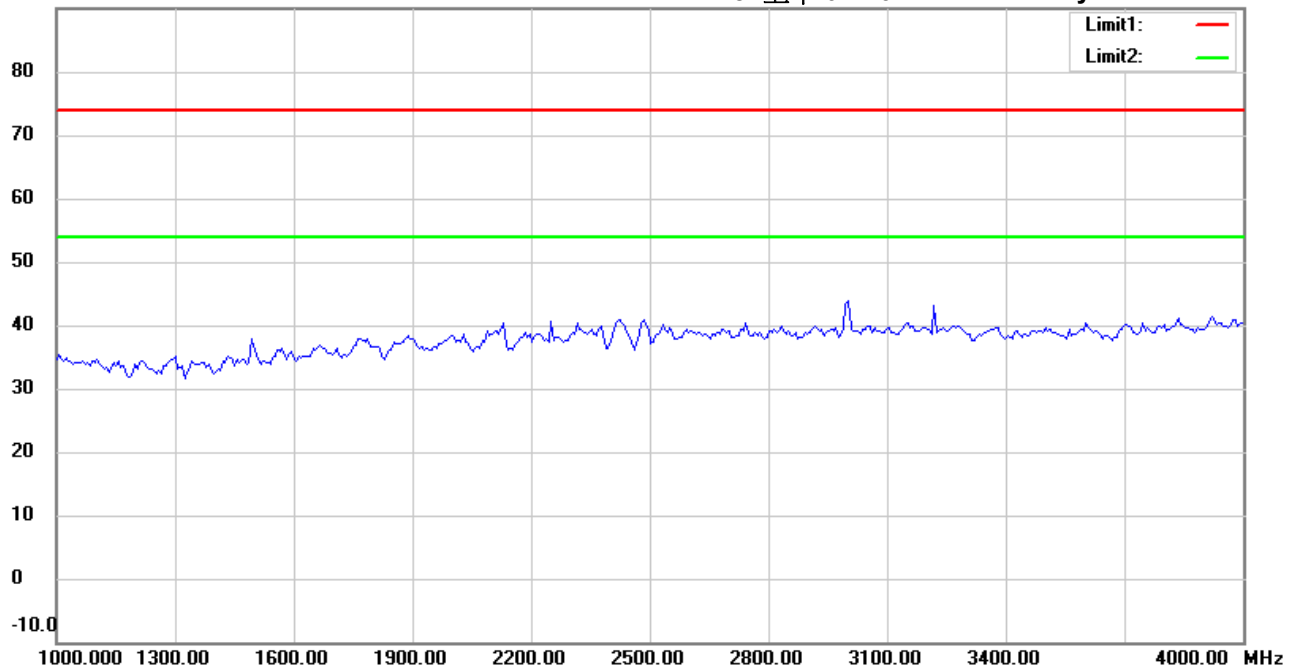
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:16:11

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

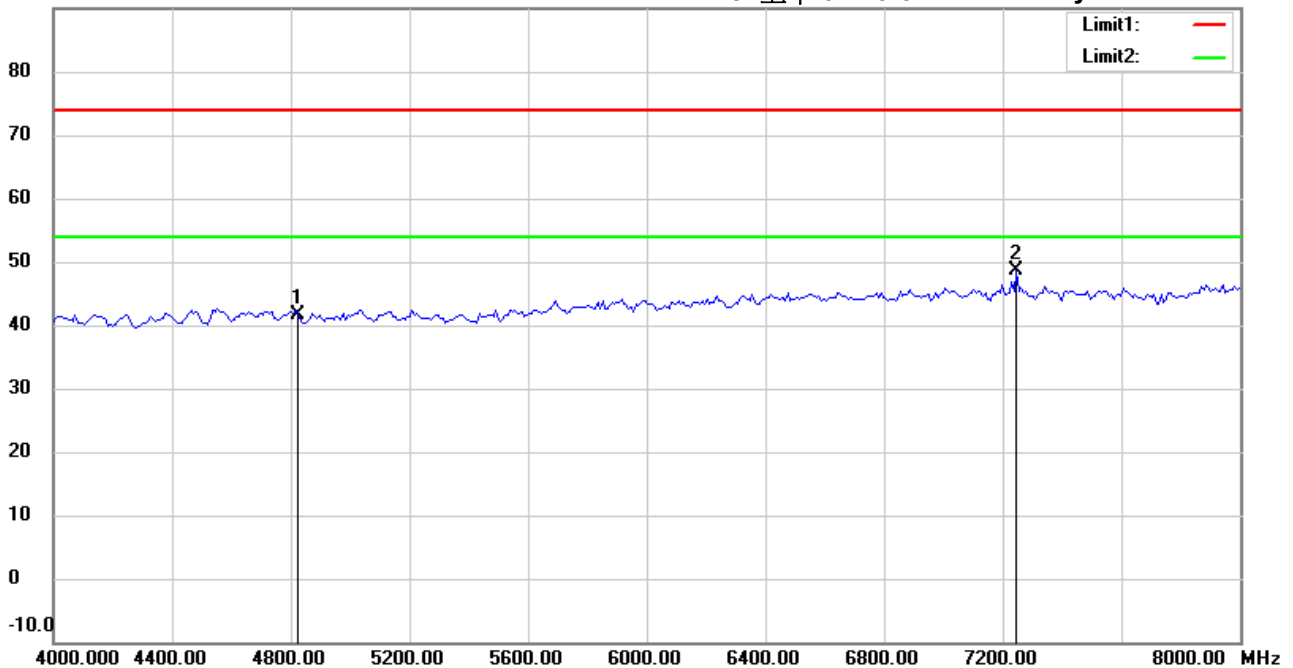
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:13:54

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	41.54	peak	0.11	41.65	74.00	150	45	-32.35	
*	7246.493	43.46	peak	5.07	48.53	74.00	150	130	-25.47	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

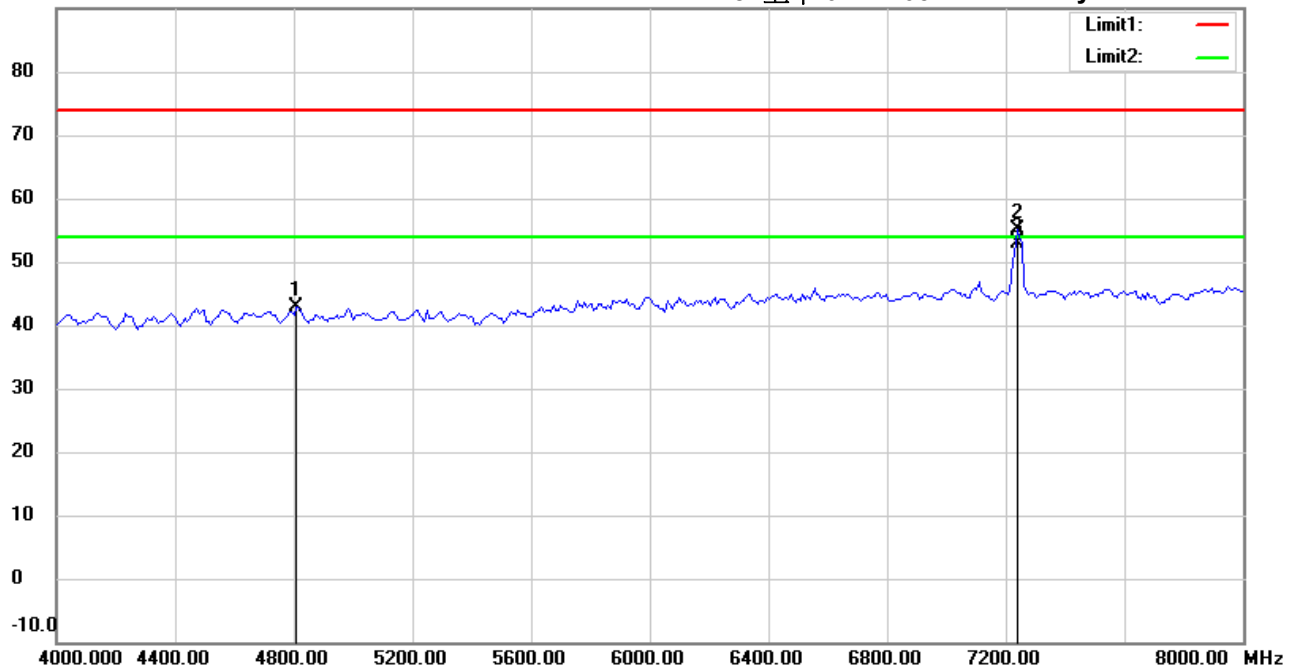
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:17:05

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4809.619	42.81	peak	0.09	42.90	74.00	150	235	-31.10	
	7238.477	49.97	peak	5.07	55.04	74.00	170	160	-18.96	
*	7238.477	47.69	AVG	5.07	52.76	54.00	170	160	-1.24	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

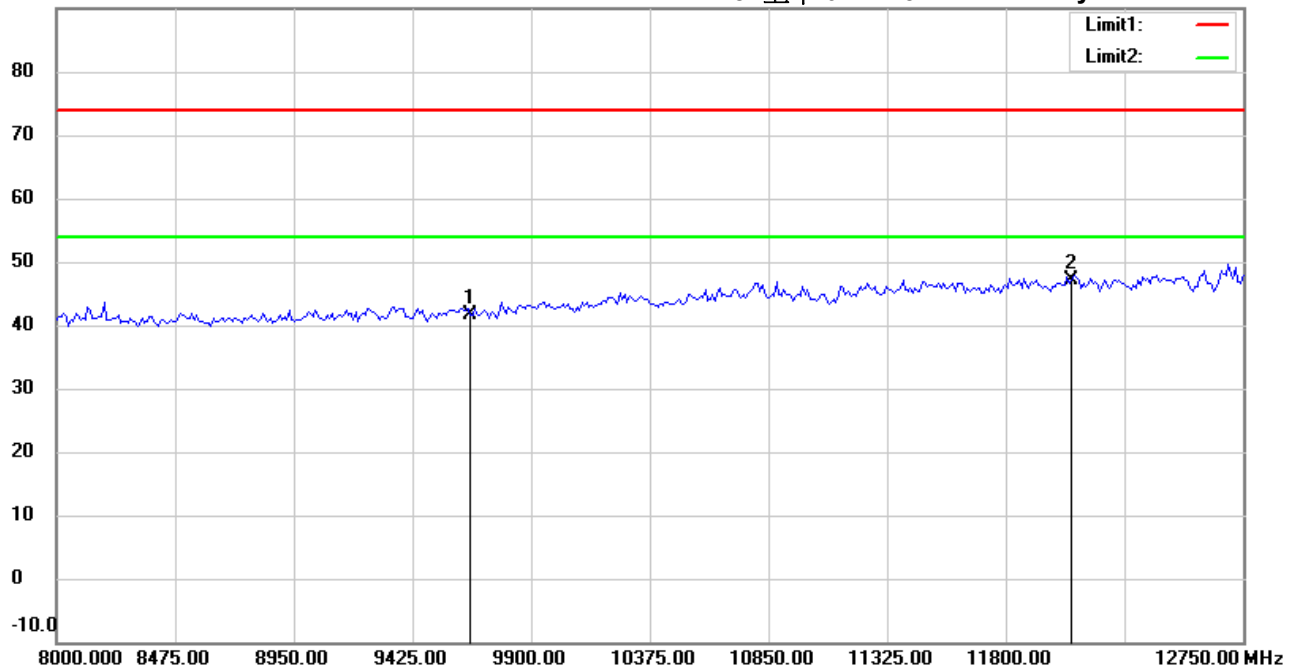
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:14:54

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	33.59	peak	8.00	41.59	74.00	150	210	-32.41	
*	12060.000	33.77	peak	13.36	47.13	74.00	150	195	-26.87	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

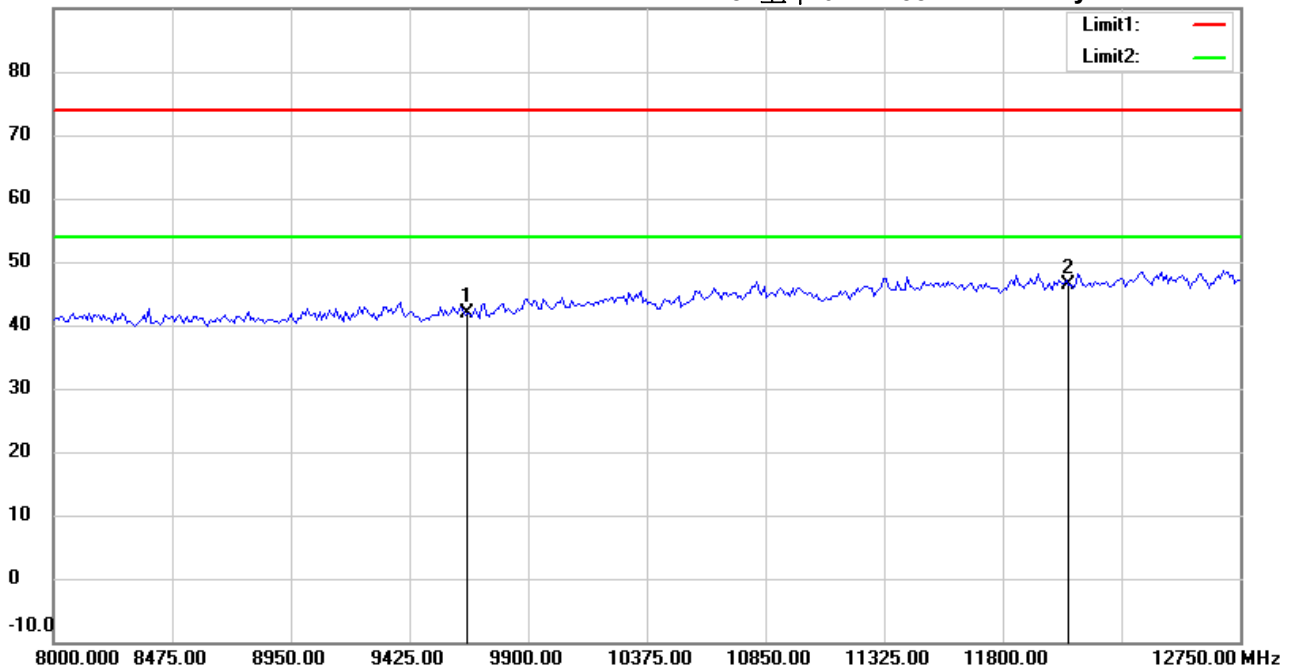
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:17:58

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	33.94	peak	8.00	41.94	74.00	150	245	-32.06	
*	12060.000	33.10	peak	13.36	46.46	74.00	150	260	-27.54	

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



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

Operator: Leon

File : 3

Data : #4

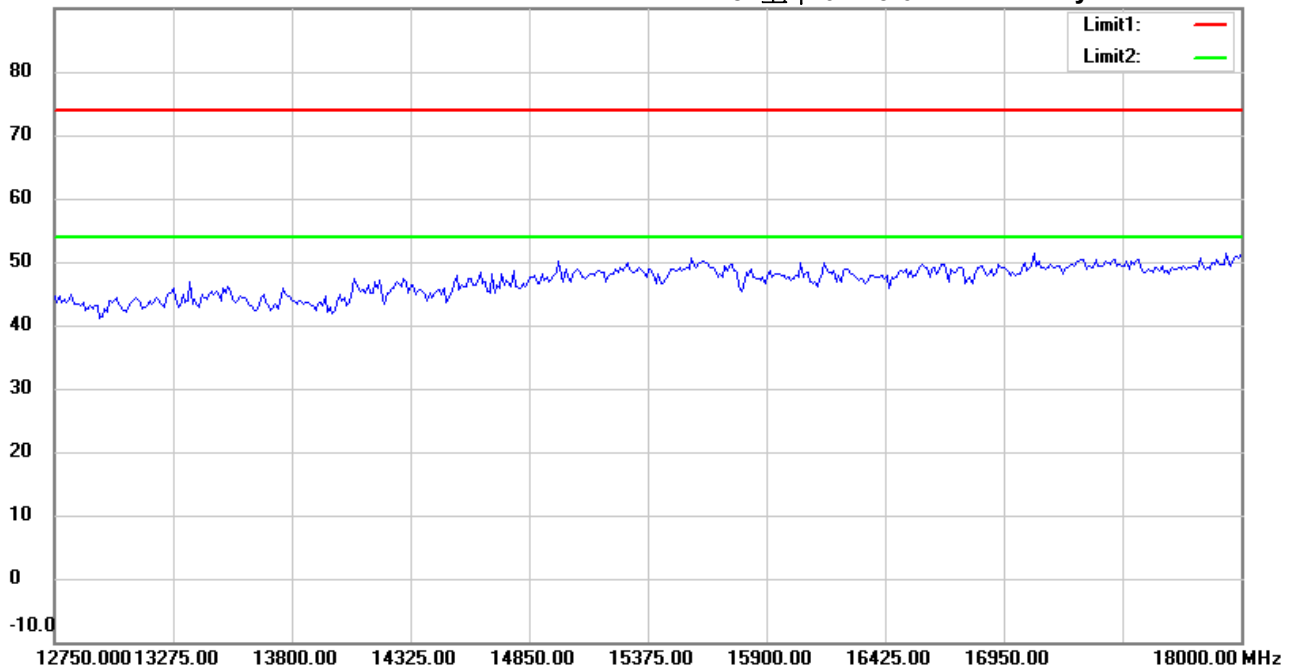
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:15:07

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

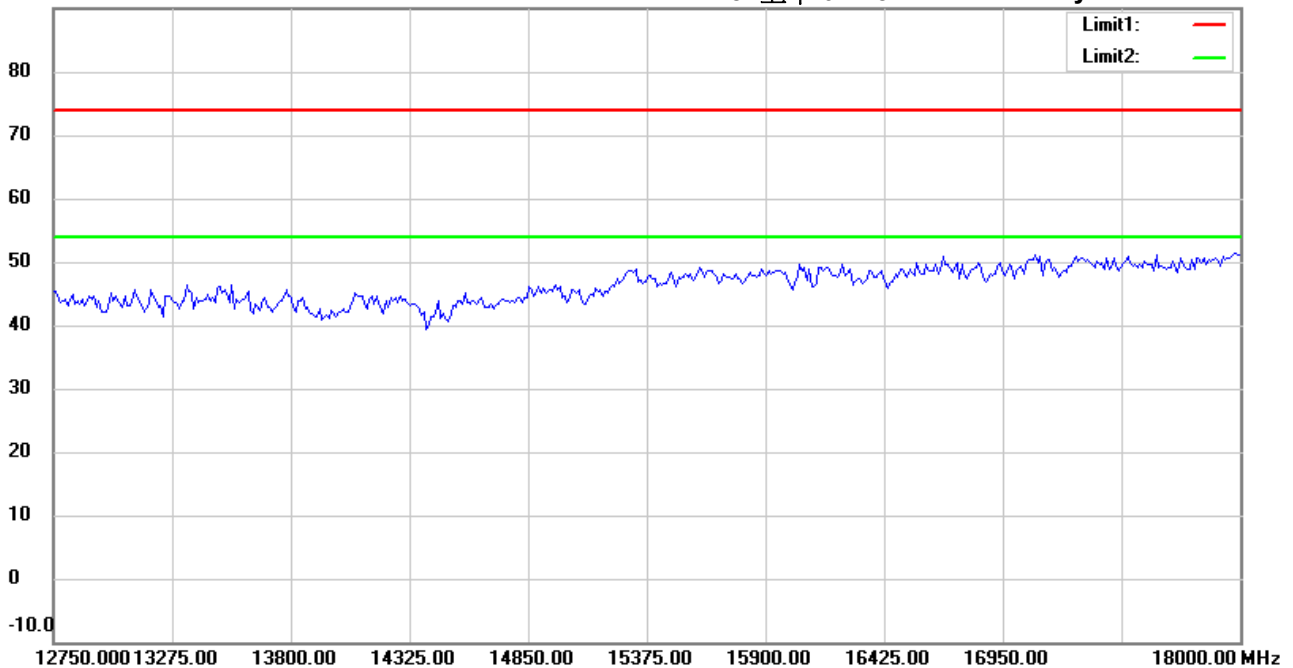
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:18:12

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

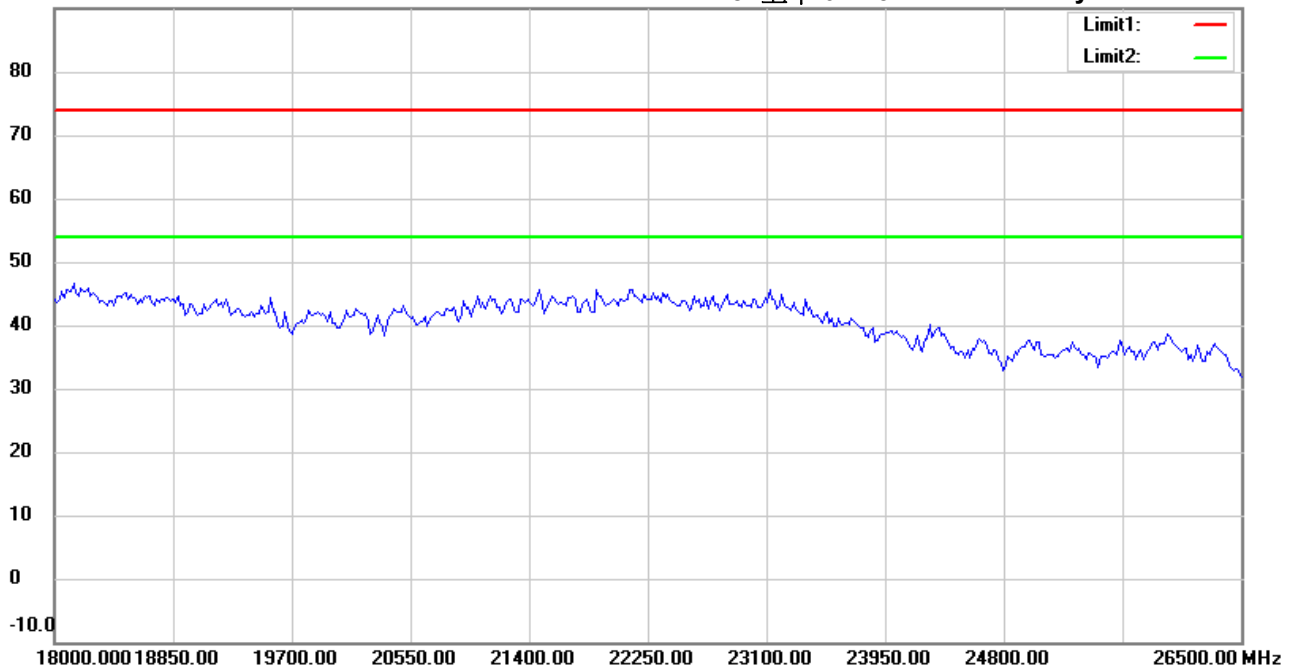
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:15:17

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

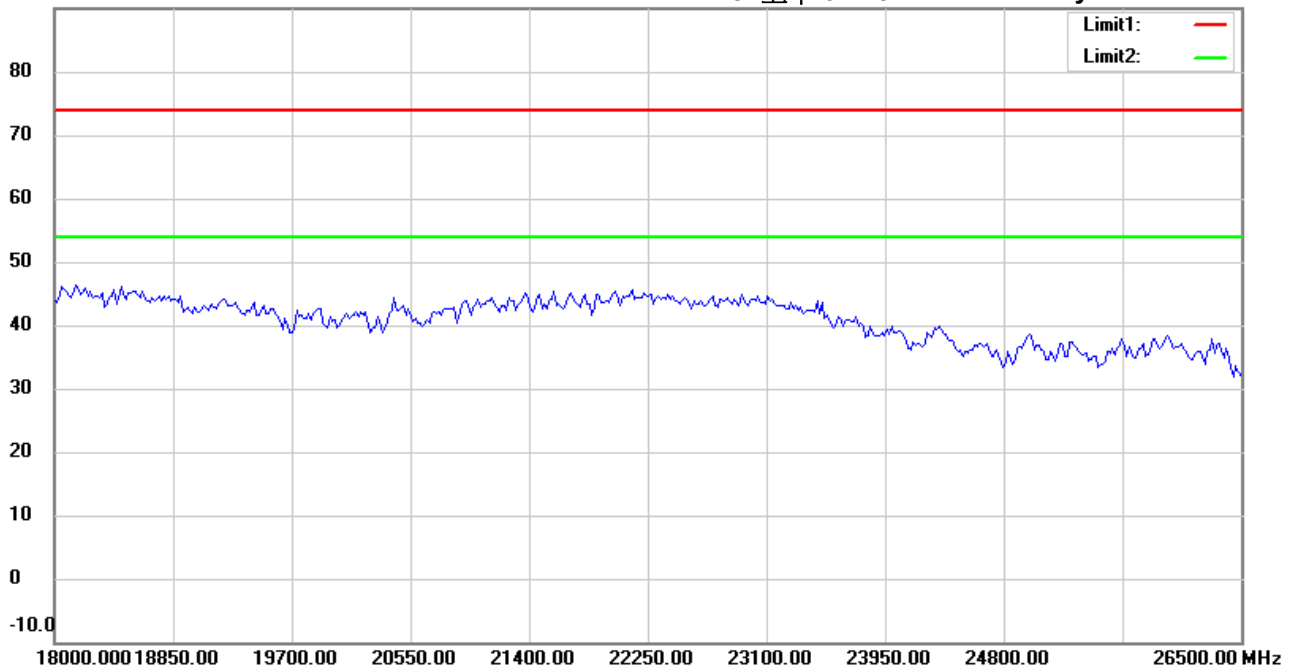
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:18:22

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File :1

Data :#1

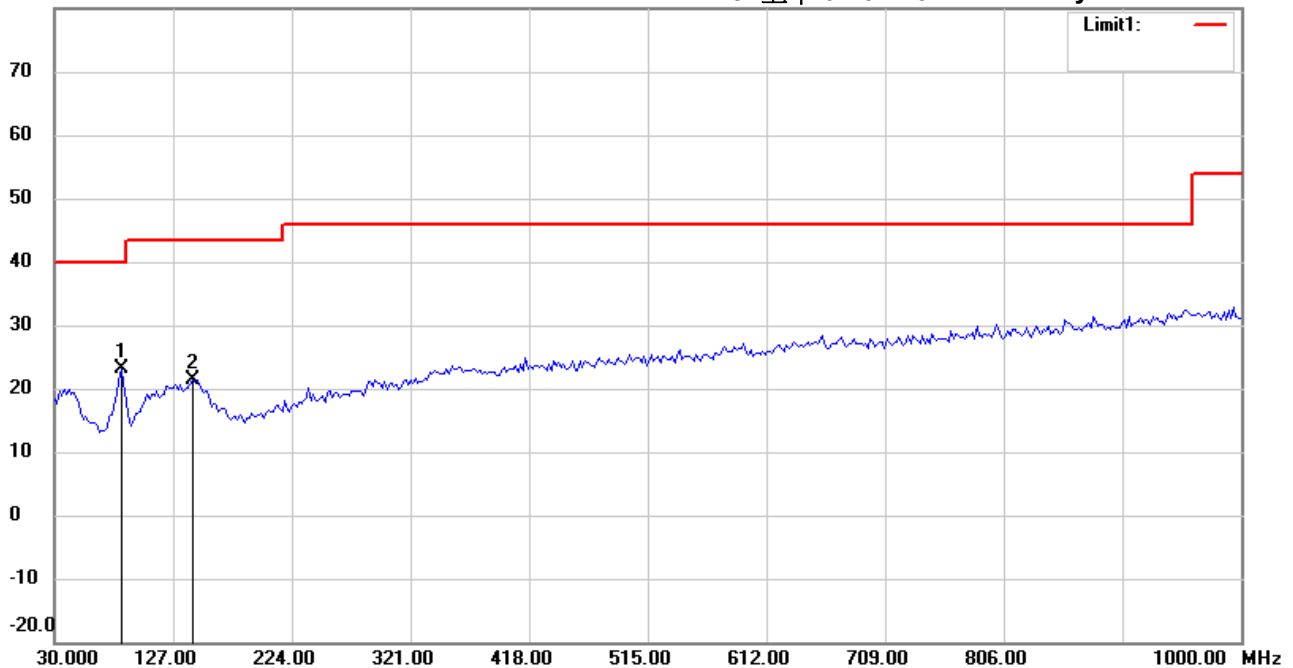
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:31:18

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	84.4288	37.07	peak	-14.03	23.04	40.00	100	255	-16.96	
	142.7453	28.54	peak	-7.14	21.40	43.50	100	60	-22.10	

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



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

Operator: Kent

File :1

Data :#2

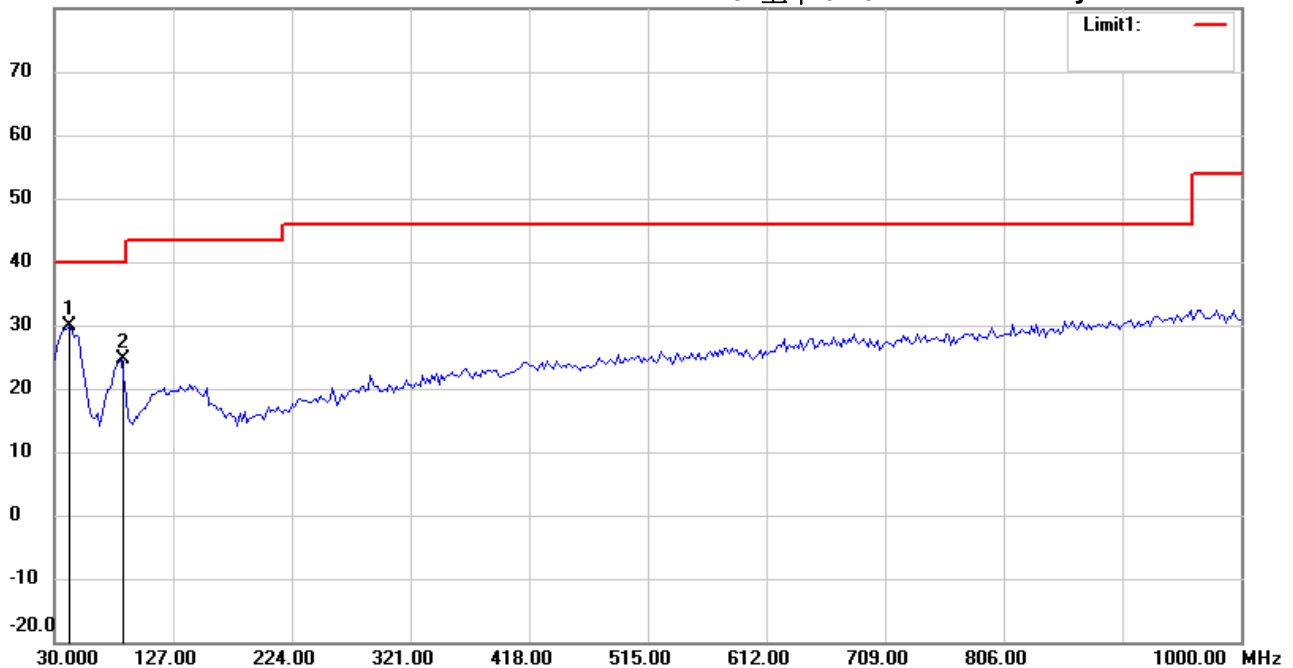
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:32:12

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	41.6633	39.44	peak	-9.64	29.80	40.00	100	175	-10.20	
	84.4290	38.70	peak	-14.03	24.67	40.00	100	40	-15.33	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

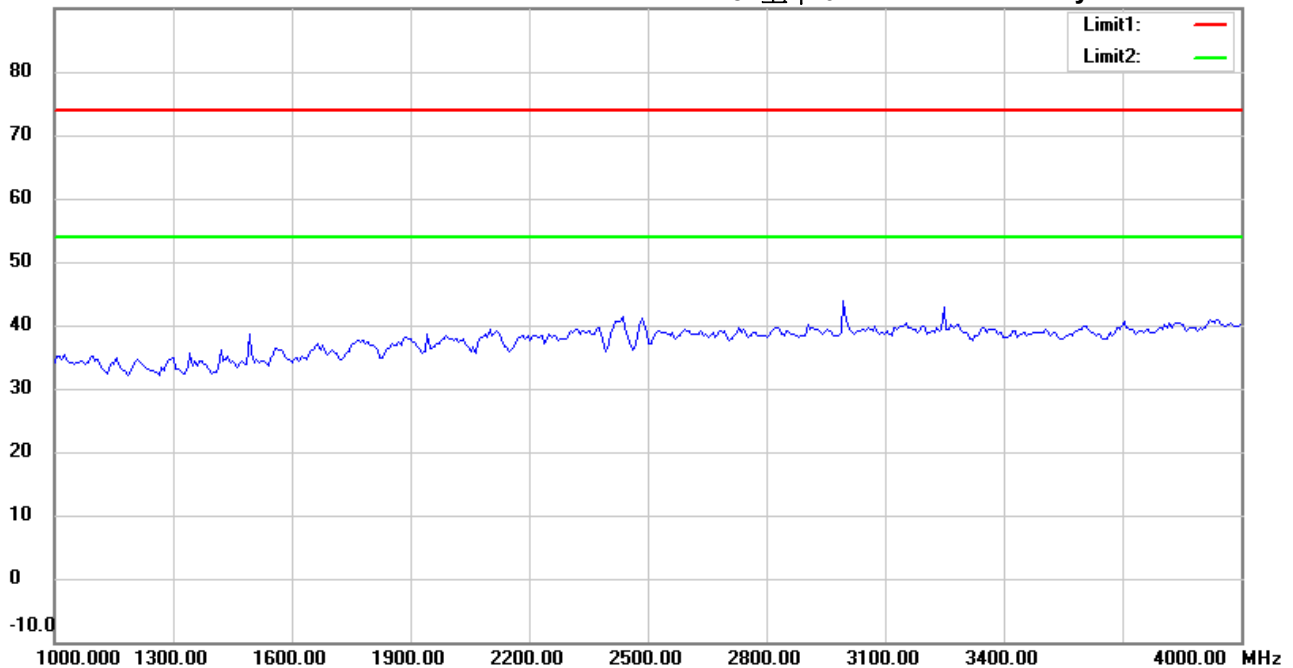
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:21:27

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

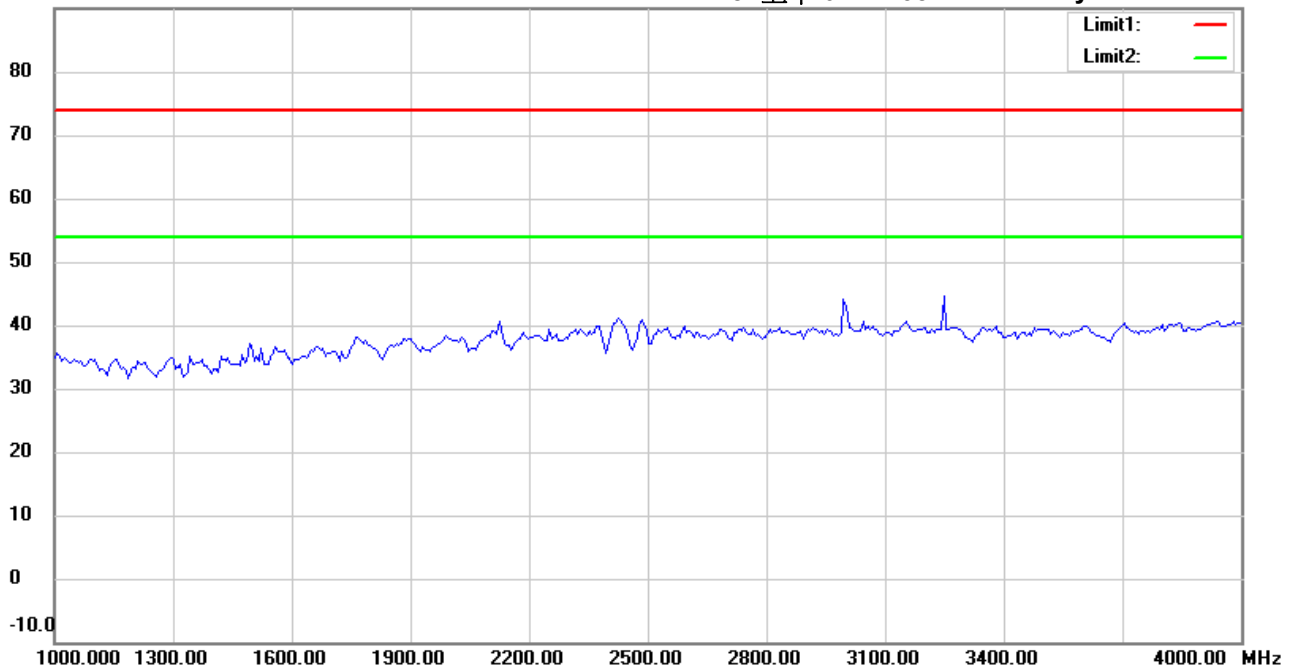
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:24:38

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

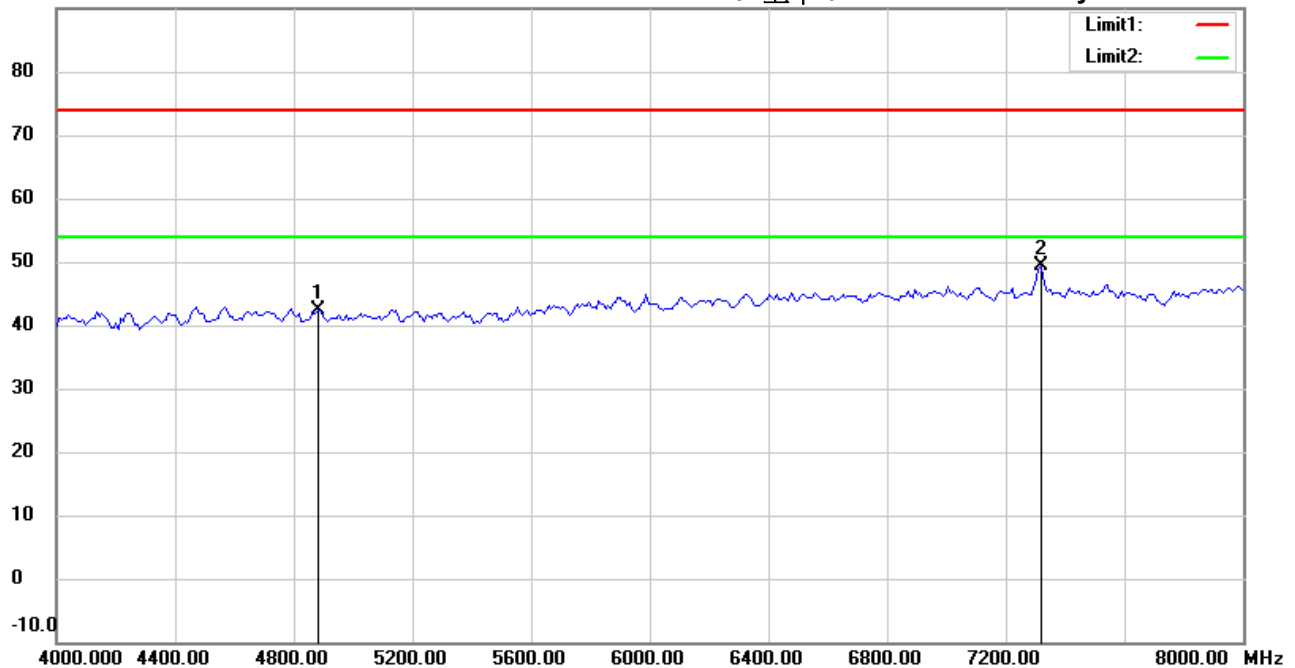
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:22:21

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	42.12	peak	0.16	42.28	74.00	150	235	-31.72	
*	7318.637	44.37	peak	5.10	49.47	74.00	150	160	-24.53	

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



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

Operator: Leon

File : 3

Data : #7

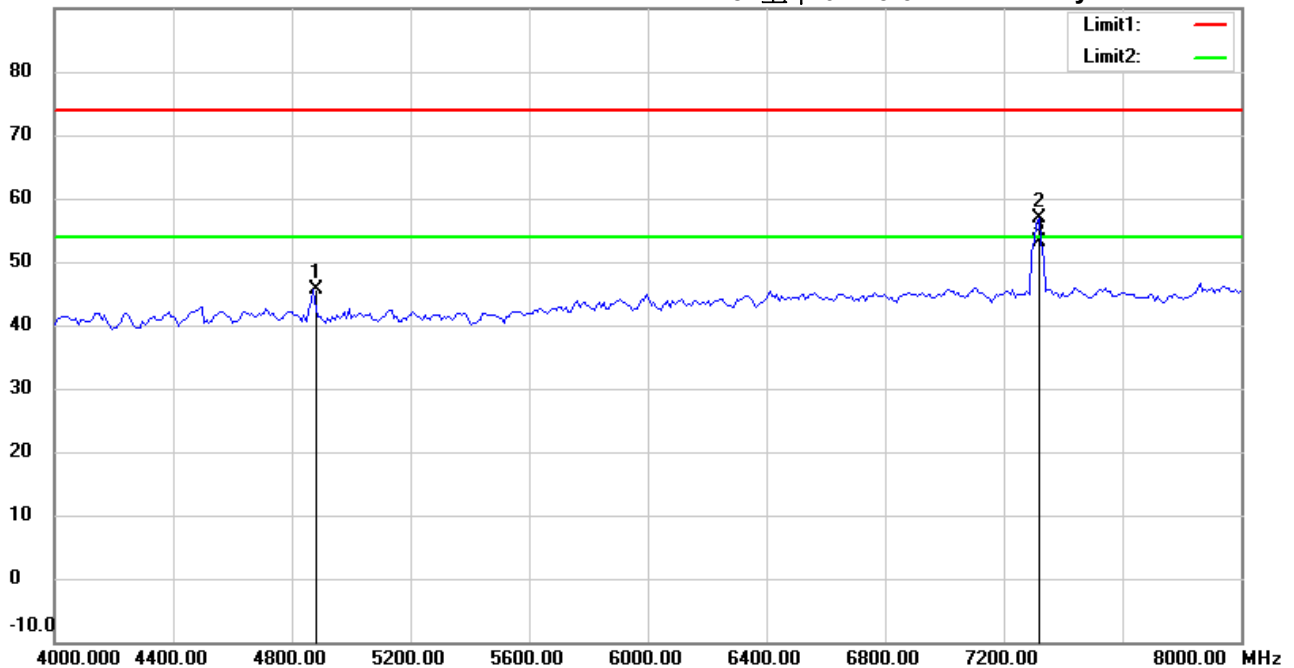
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:25:32

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4873.748	45.50	peak	0.16	45.66	74.00	150	245	-28.34	
	7318.637	51.78	peak	5.10	56.88	74.00	170	293	-17.12	
*	7318.637	48.13	AVG	5.10	53.23	54.00	170	293	-0.77	

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



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

Operator: Leon

File : 3

Data : #3

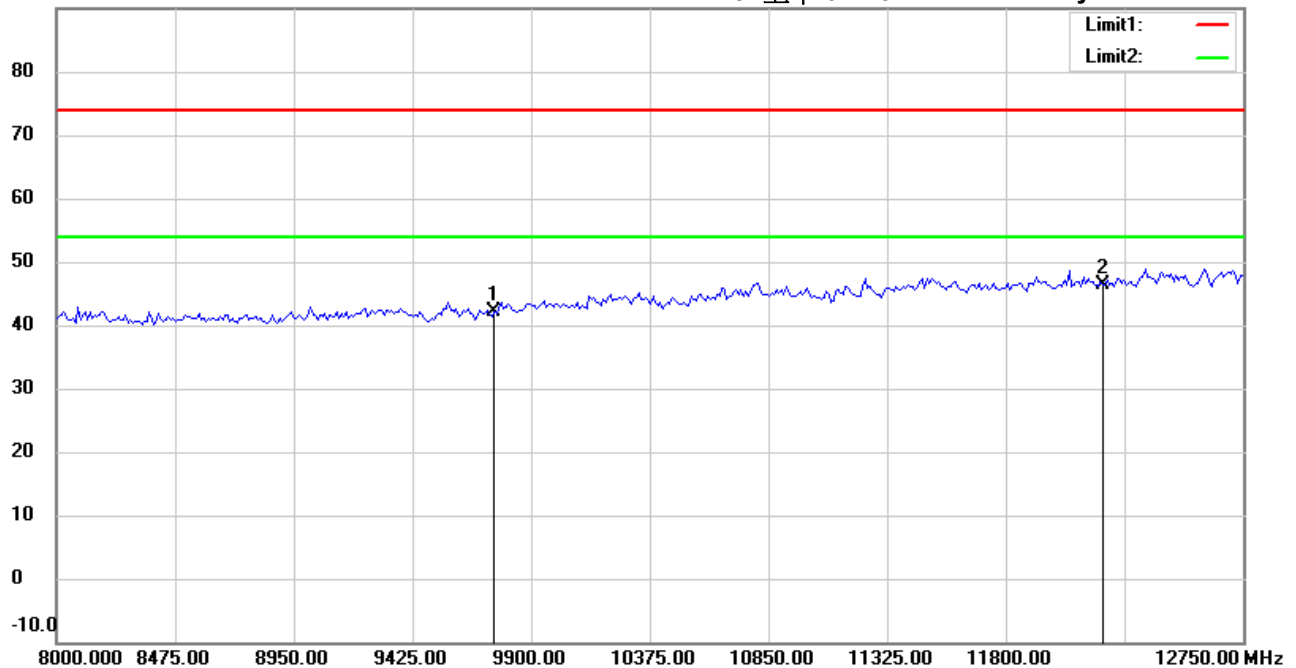
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:23:21

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	34.02	peak	8.18	42.20	74.00	150	75	-31.80	
*	12185.000	32.46	peak	14.03	46.49	74.00	150	90	-27.51	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

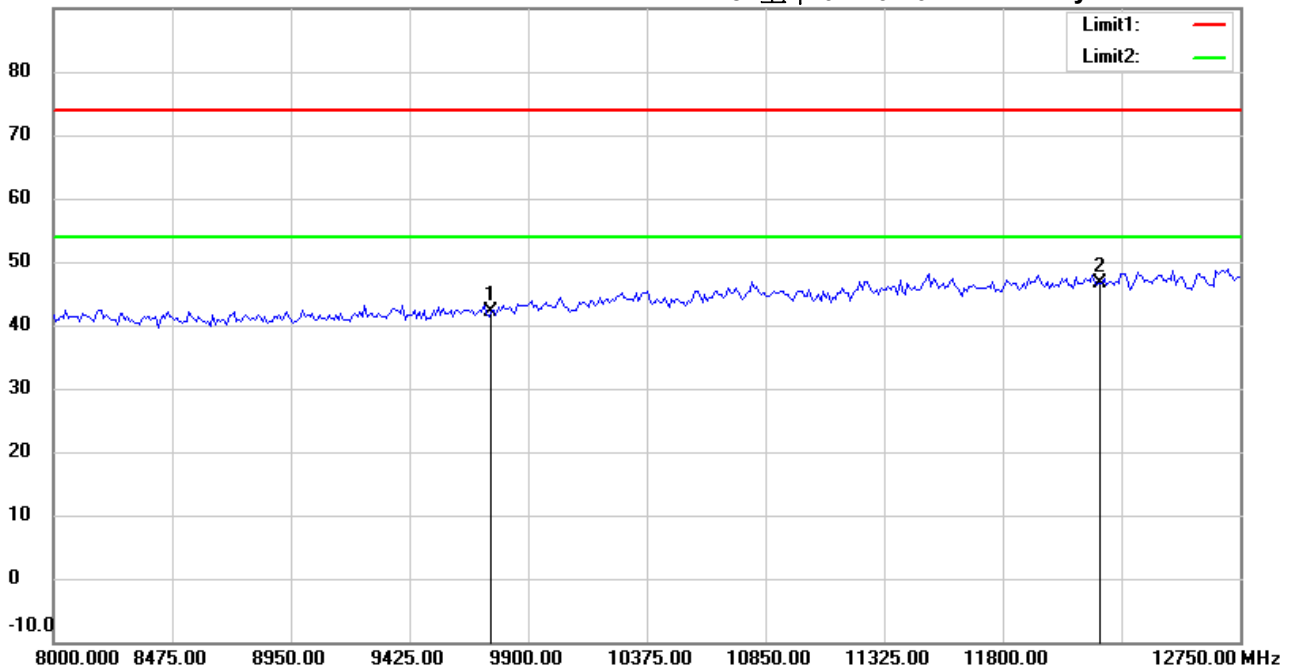
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:26:26

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	33.99	peak	8.18	42.17	74.00	150	75	-31.83	
*	12185.000	32.61	peak	14.03	46.64	74.00	150	260	-27.36	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

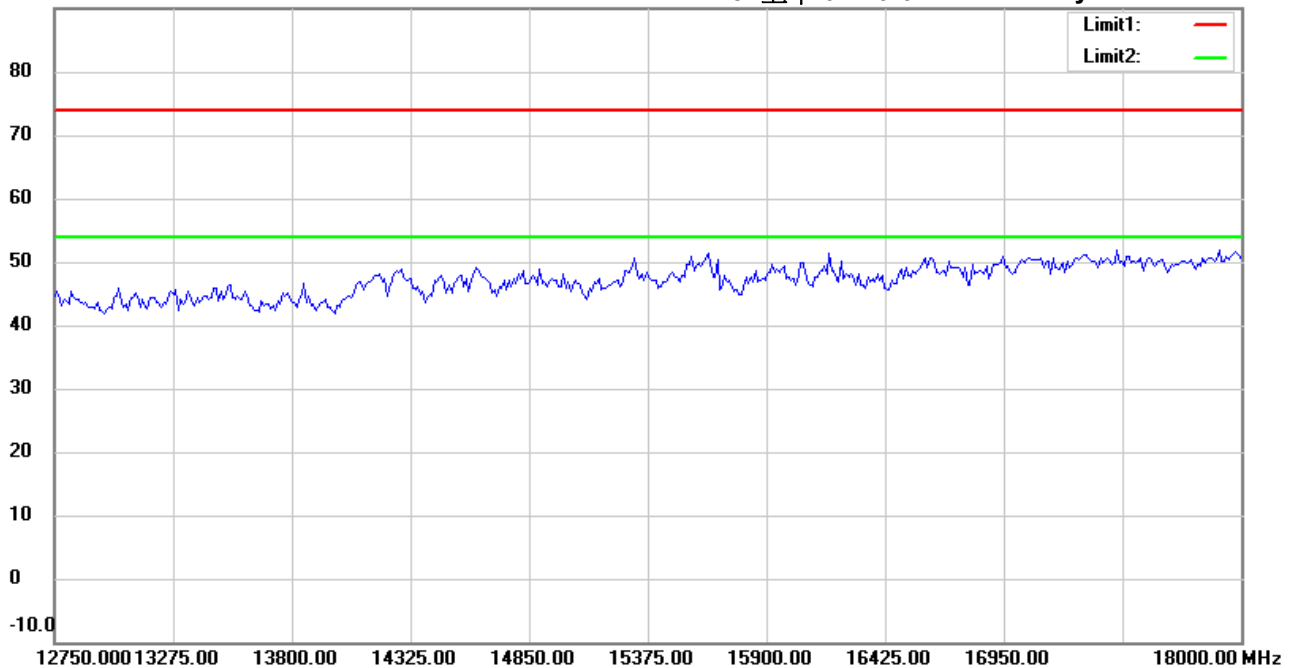
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:23:34

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

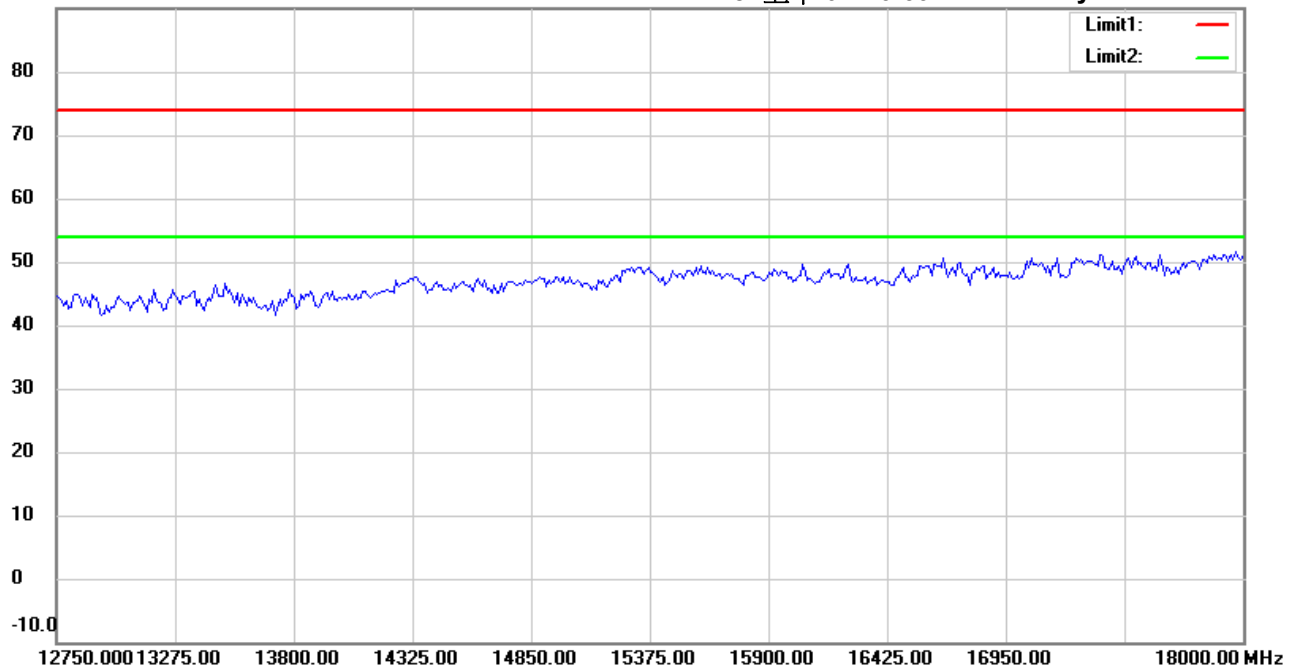
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:26:39

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

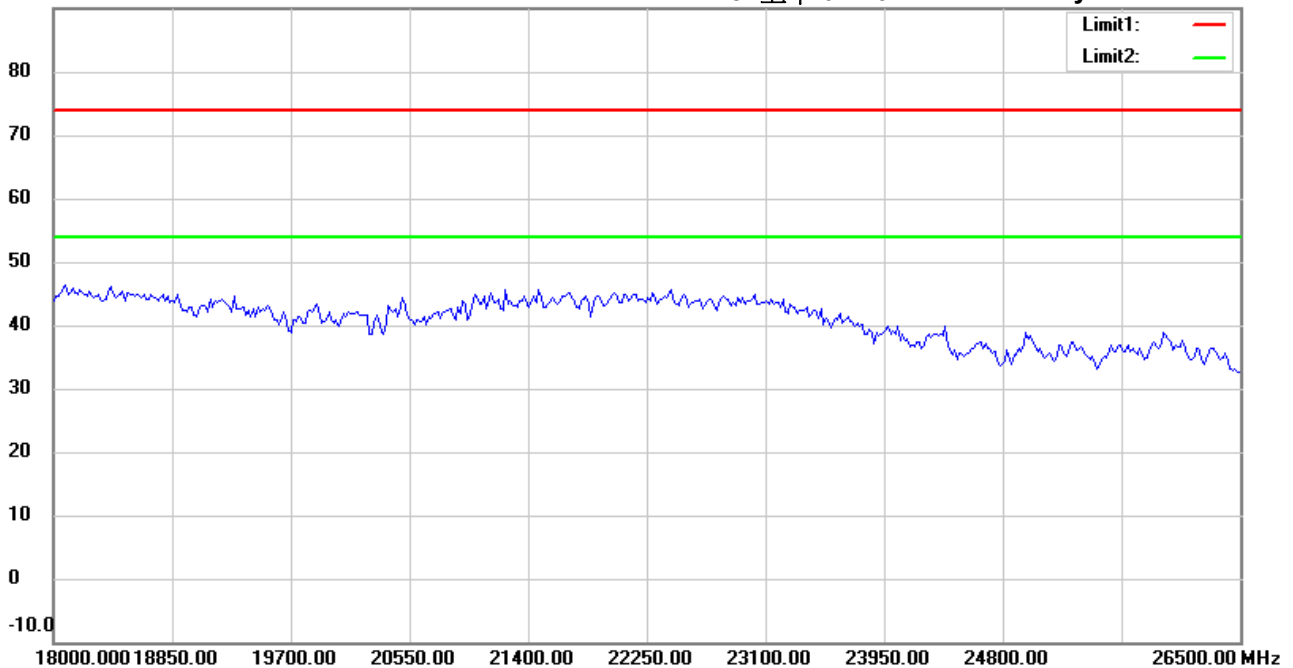
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:23:44

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

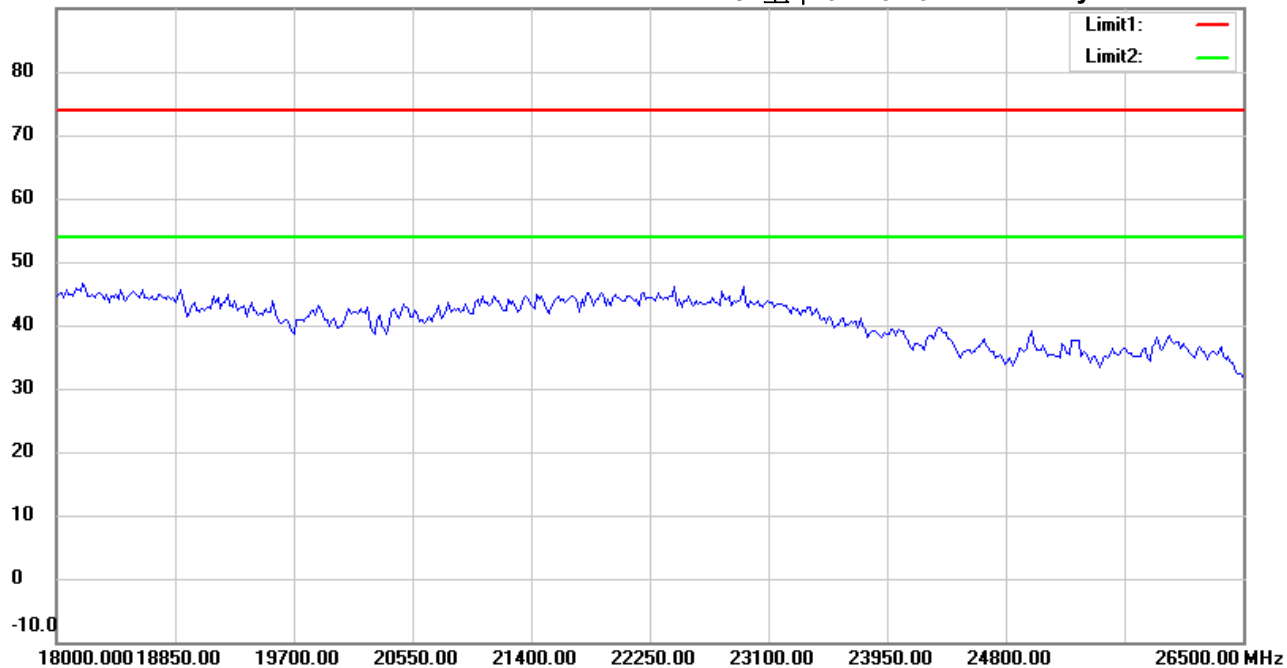
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:26:49

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Kent

File :1

Data :#1

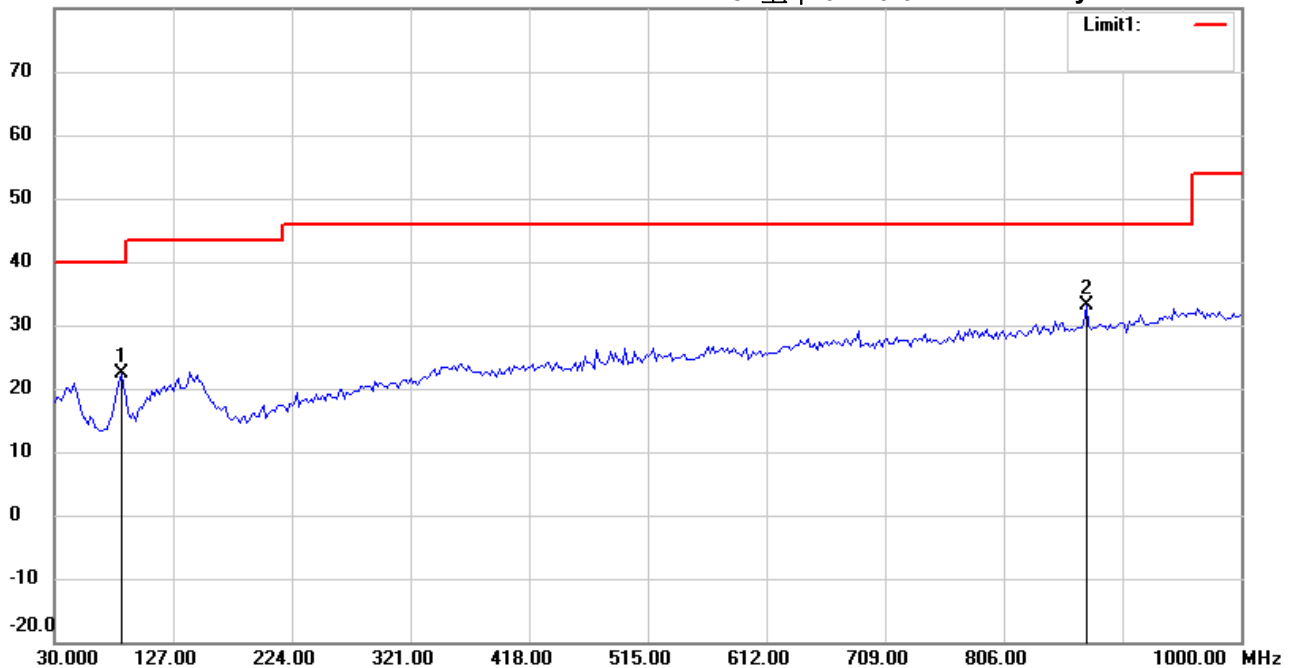
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:26:32

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	84.4288	36.50	peak	-14.03	22.47	40.00	100	90	-17.53	
*	873.6472	30.33	peak	2.82	33.15	46.00	100	155	-12.85	

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



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

Radiated Emission Measurement

Operator: Kent

File :1

Data :#2

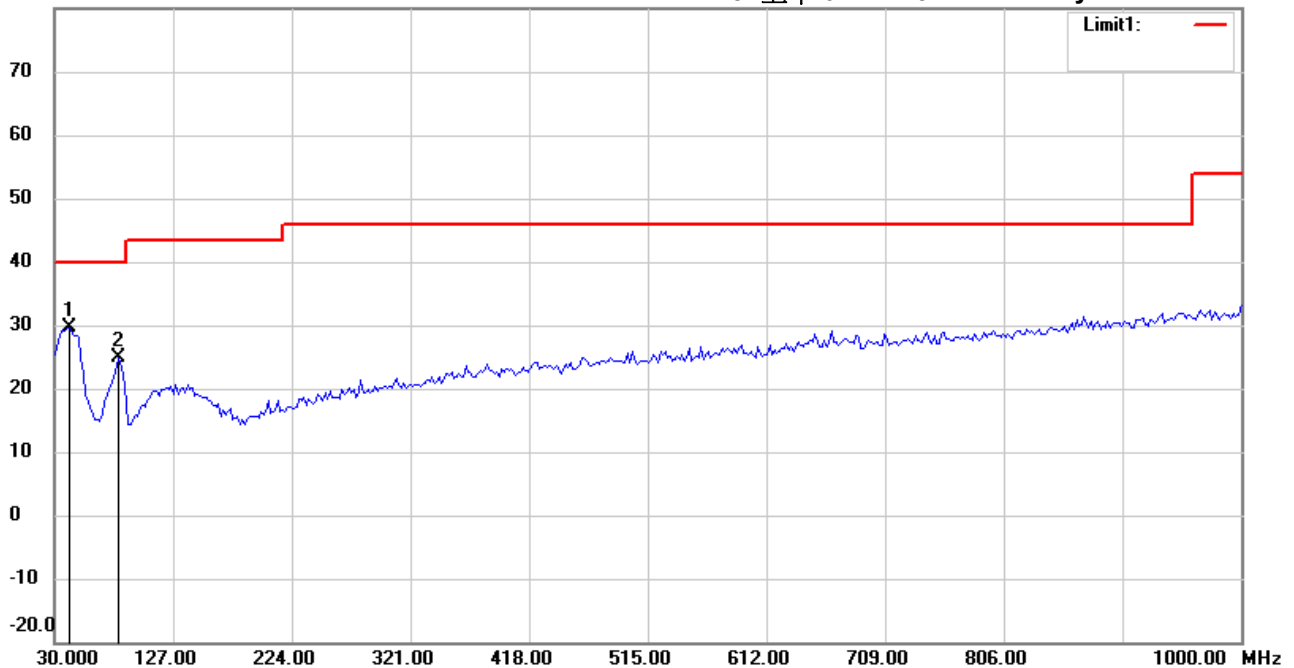
Date: 2017/5/12

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 01:27:25

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	41.6633	39.25	peak	-9.64	29.61	40.00	100	95	-10.39	
	82.4850	38.92	peak	-14.11	24.81	40.00	100	60	-15.19	

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

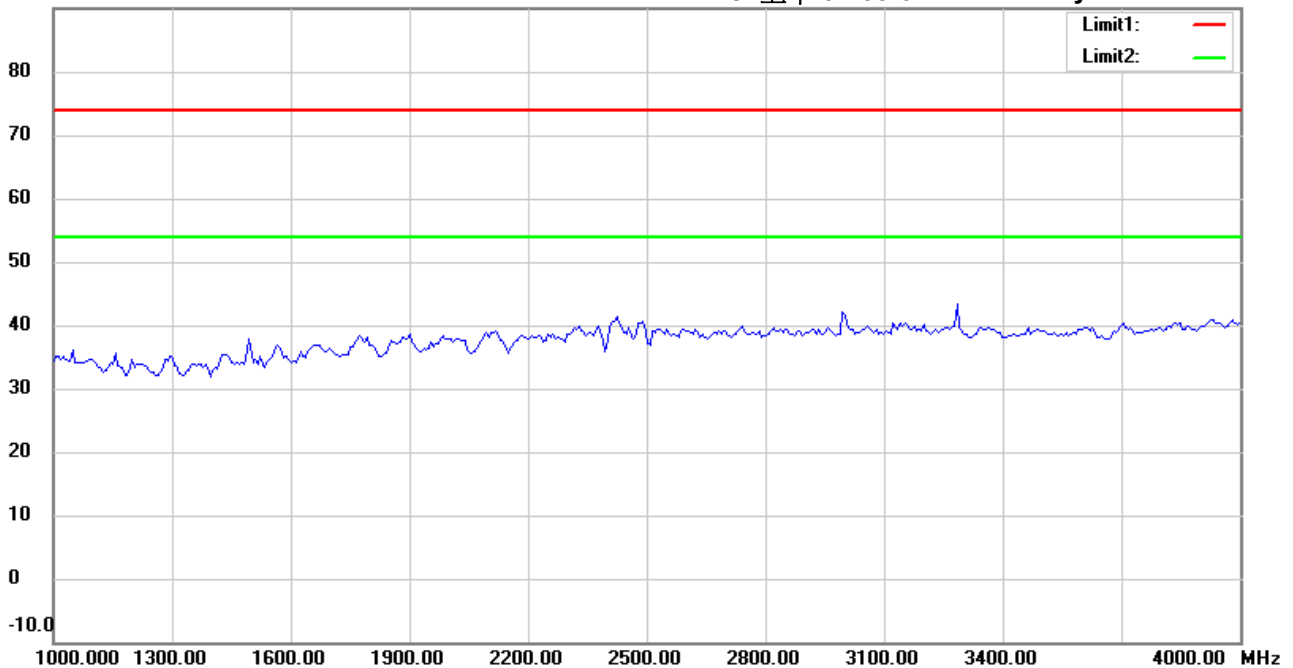
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:38:04

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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, Neihsu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

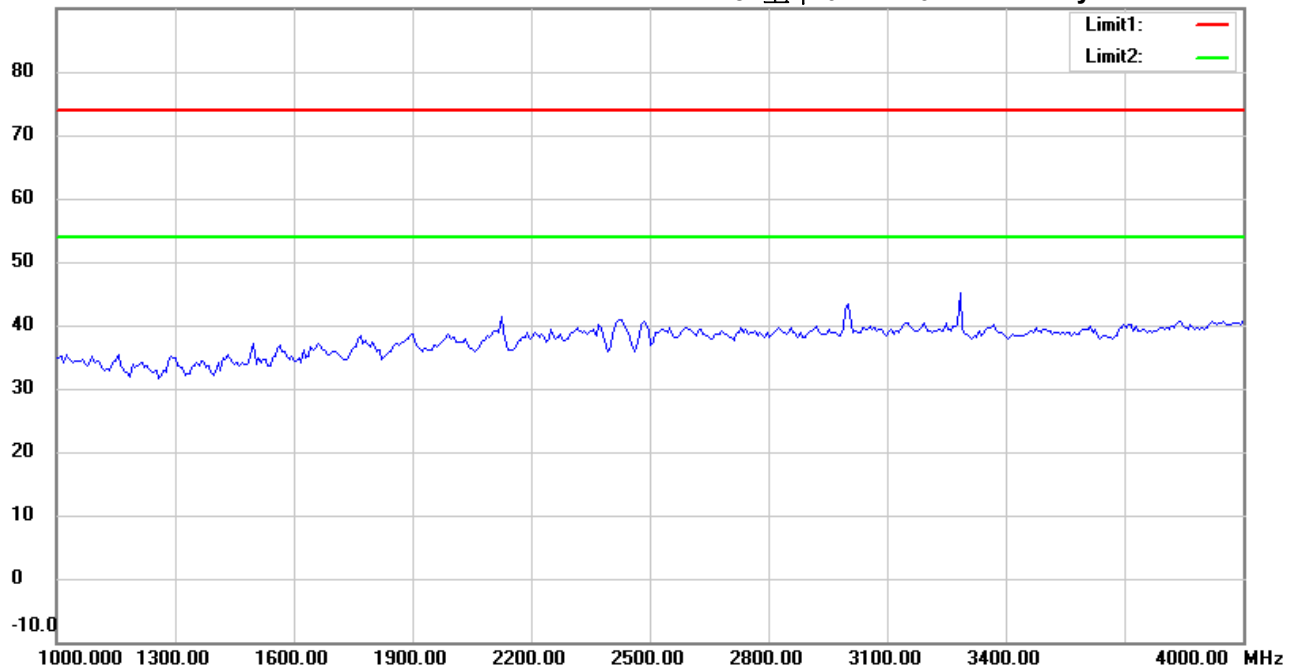
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:41:16

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

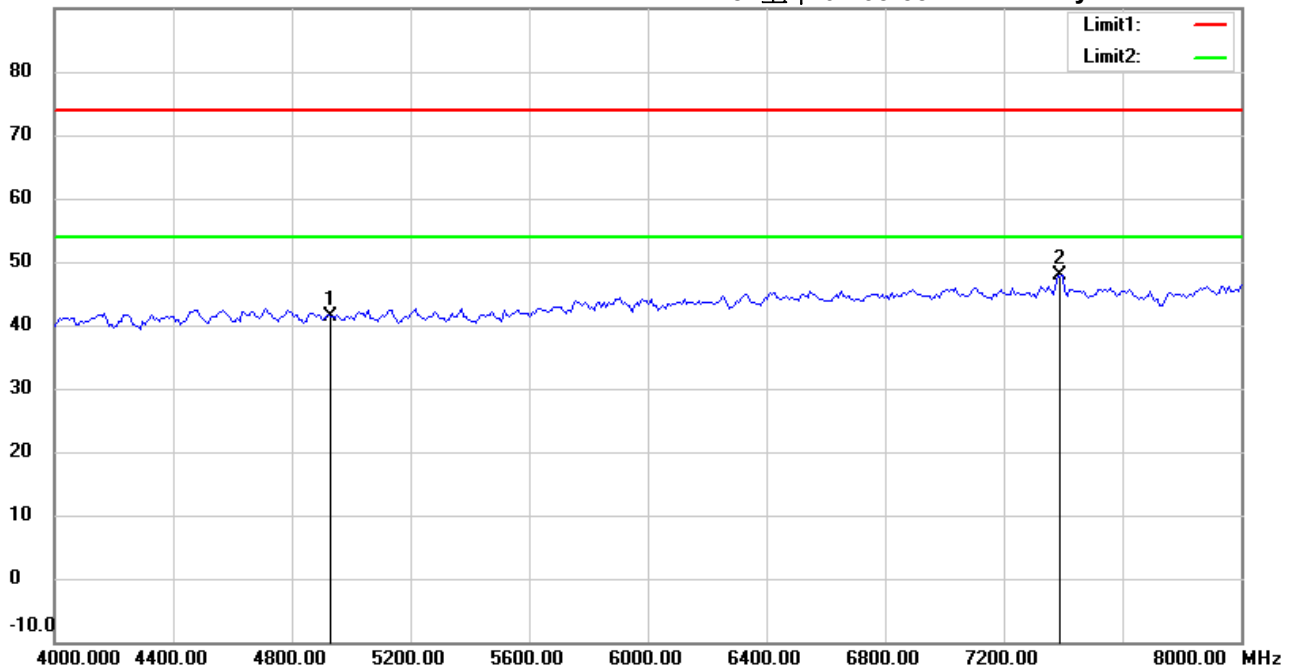
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:38:58

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	41.07	peak	0.20	41.27	74.00	150	245	-32.73	
*	7382.766	42.83	peak	5.17	48.00	74.00	150	190	-26.00	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

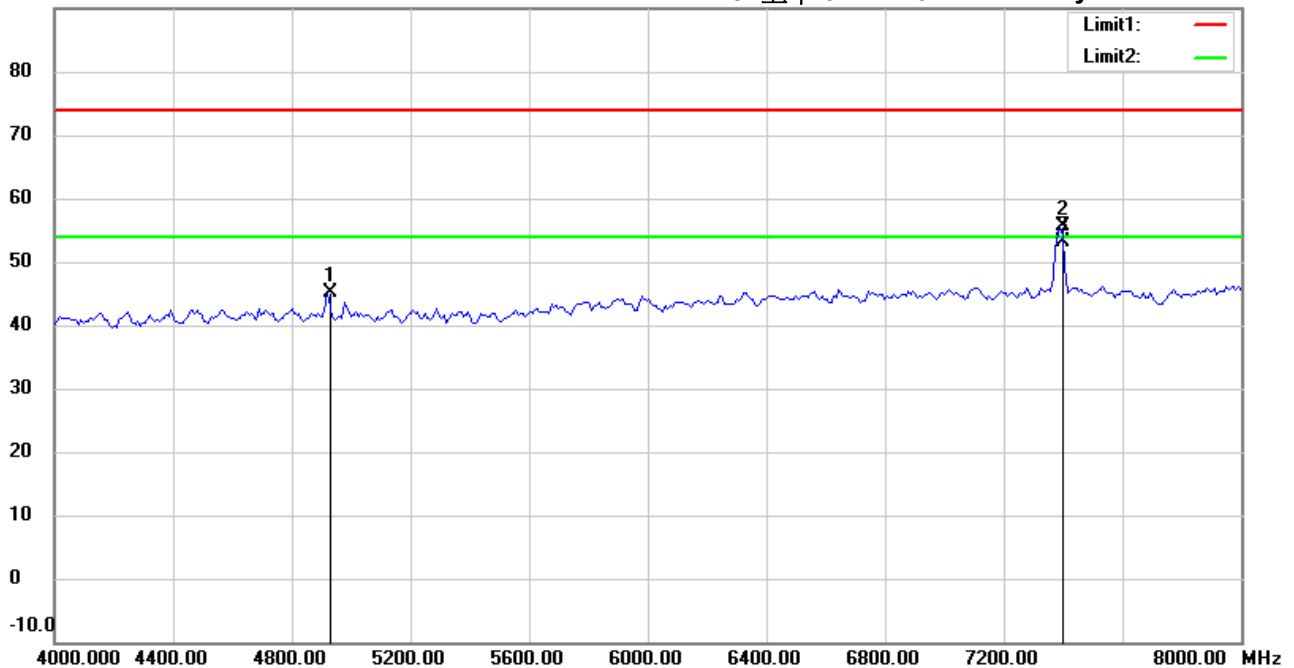
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:42:10

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	44.89	peak	0.20	45.09	74.00	150	265	-28.91	
	7390.782	50.44	peak	5.18	55.62	74.00	165	270	-18.38	
*	7390.782	47.95	AVG	5.18	53.13	54.00	165	270	-0.87	

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



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

Operator: Leon

File :3

Data :#3

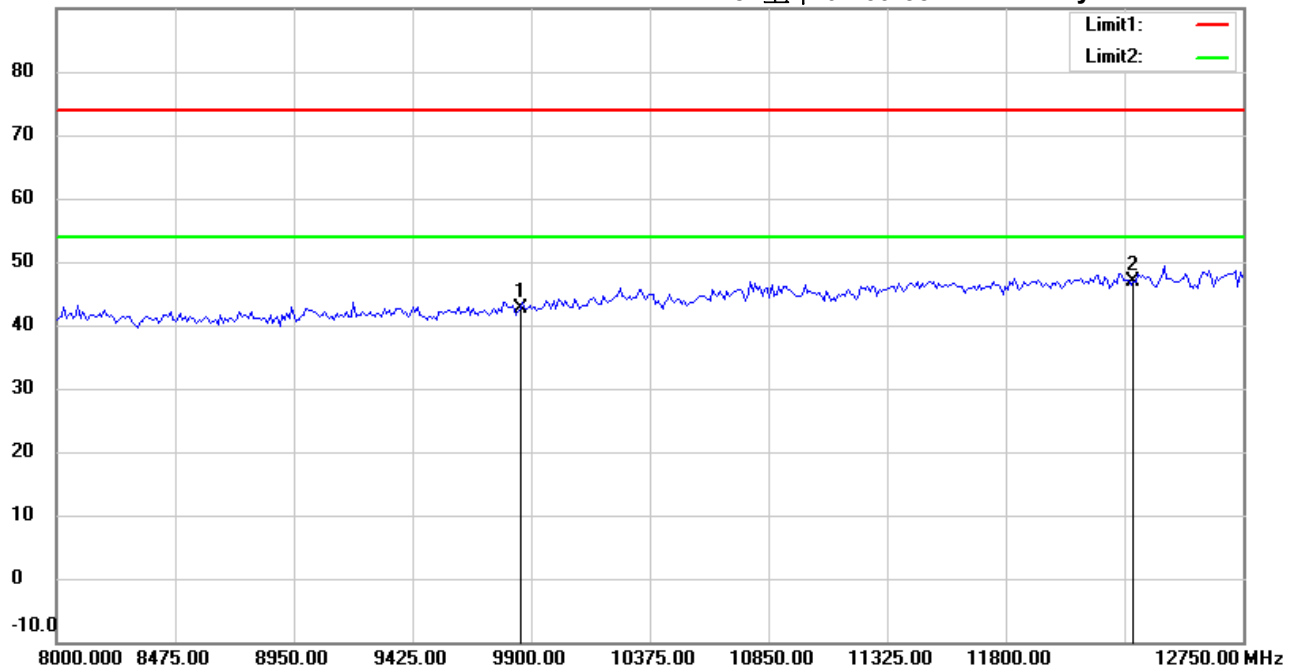
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:39:58

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	34.11	peak	8.44	42.55	74.00	150	95	-31.45	
*	12310.000	32.94	peak	13.92	46.86	74.00	150	60	-27.14	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

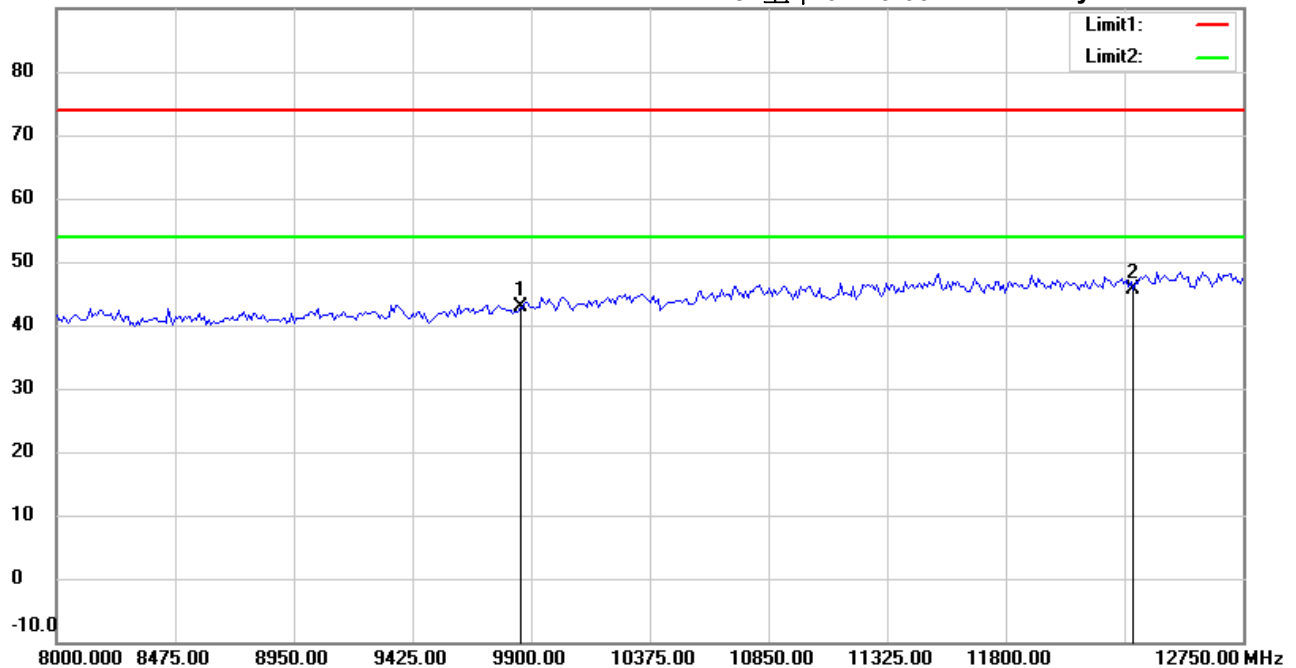
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:43:03

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	34.38	peak	8.44	42.82	74.00	150	85	-31.18	
*	12310.000	31.76	peak	13.92	45.68	74.00	150	260	-28.32	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

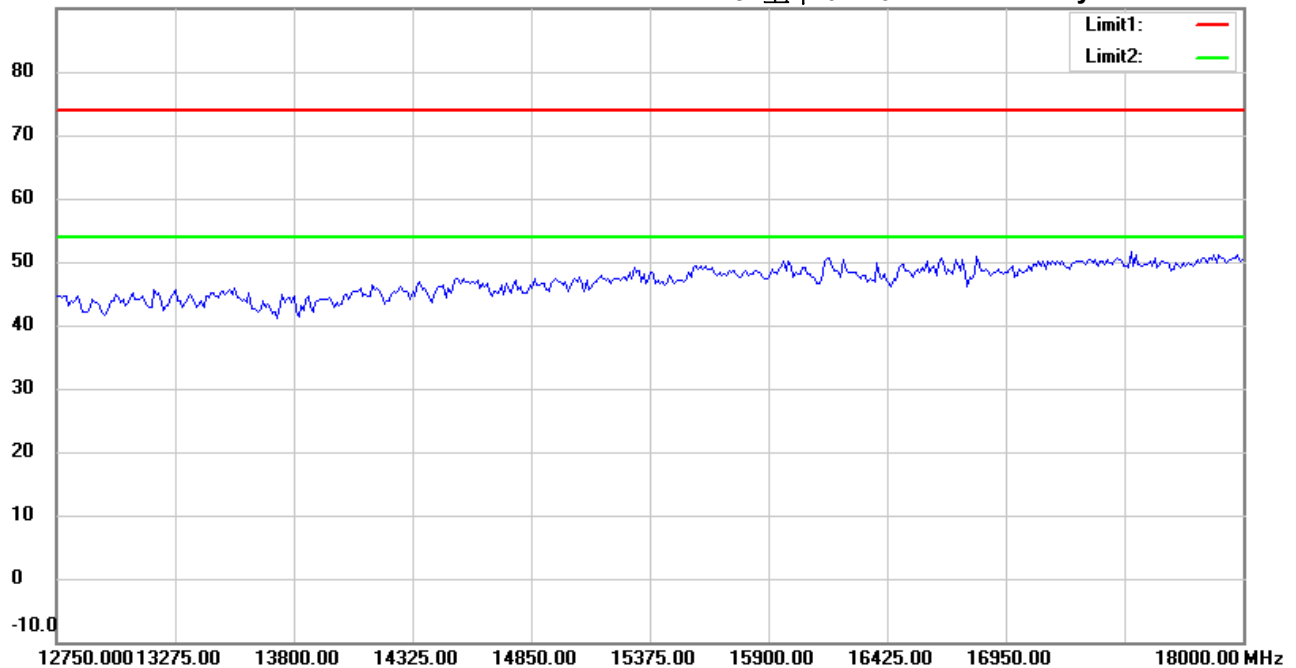
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:40:12

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File : 3

Data : #9

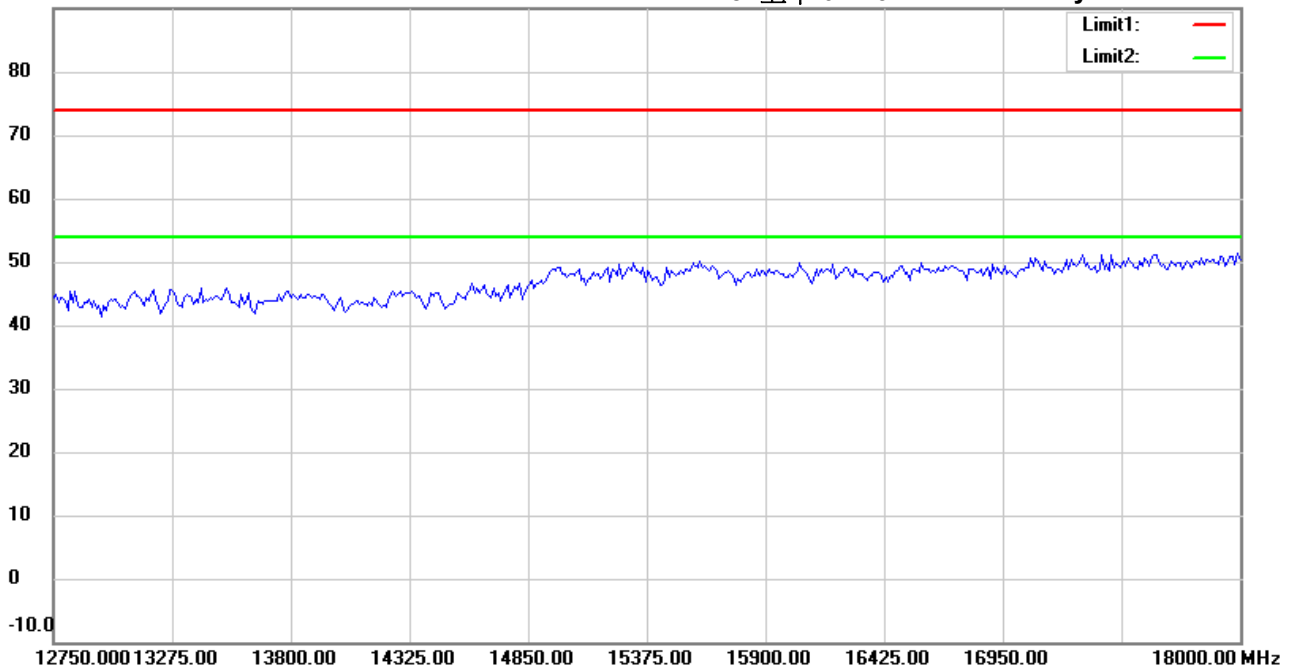
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:43:17

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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



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

Operator: Leon

File : 3

Data : #5

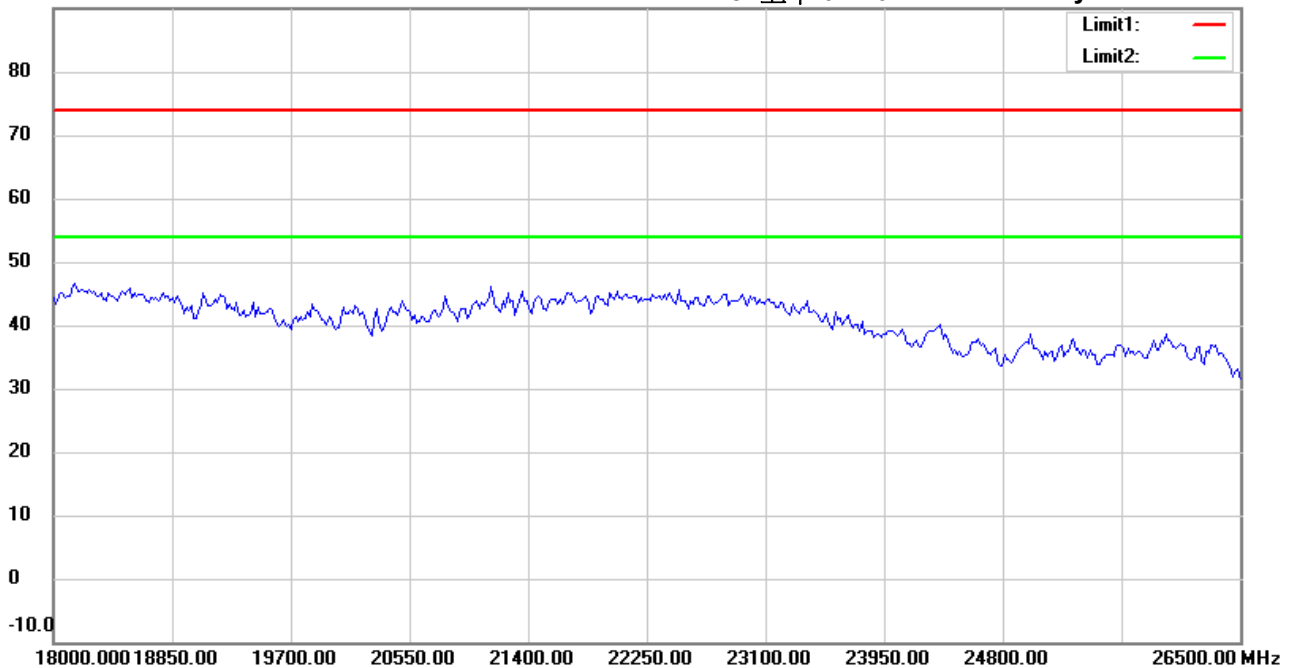
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:40:22

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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, Neihsu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

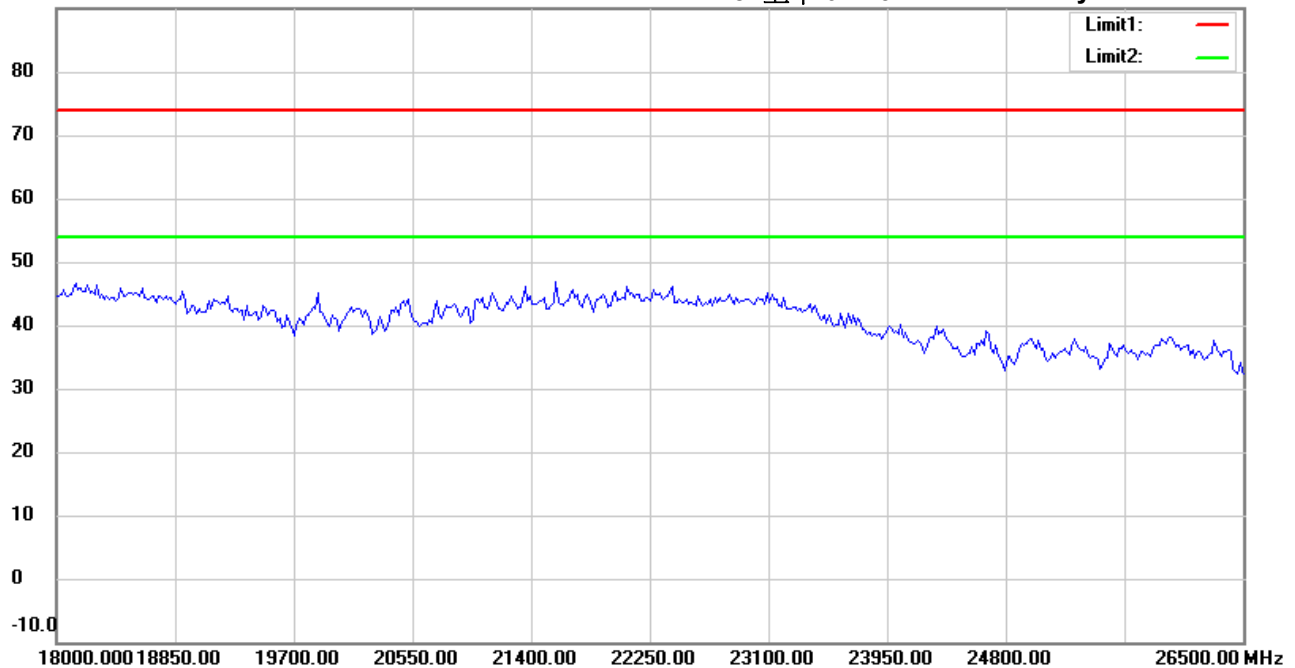
Date: 2017/5/13

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 01:43:27

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 802.11n20 CH11

Note :

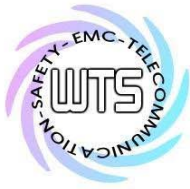
Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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



Registration number: W6M21703-16710-C-1
FCC ID: 2ALG8RMBU3GTR

Appendix

Measurement diagrams

Spurious Emissions radiated_TX_Bluetooth Low Energy



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: Nelson

File :1

Data :#1

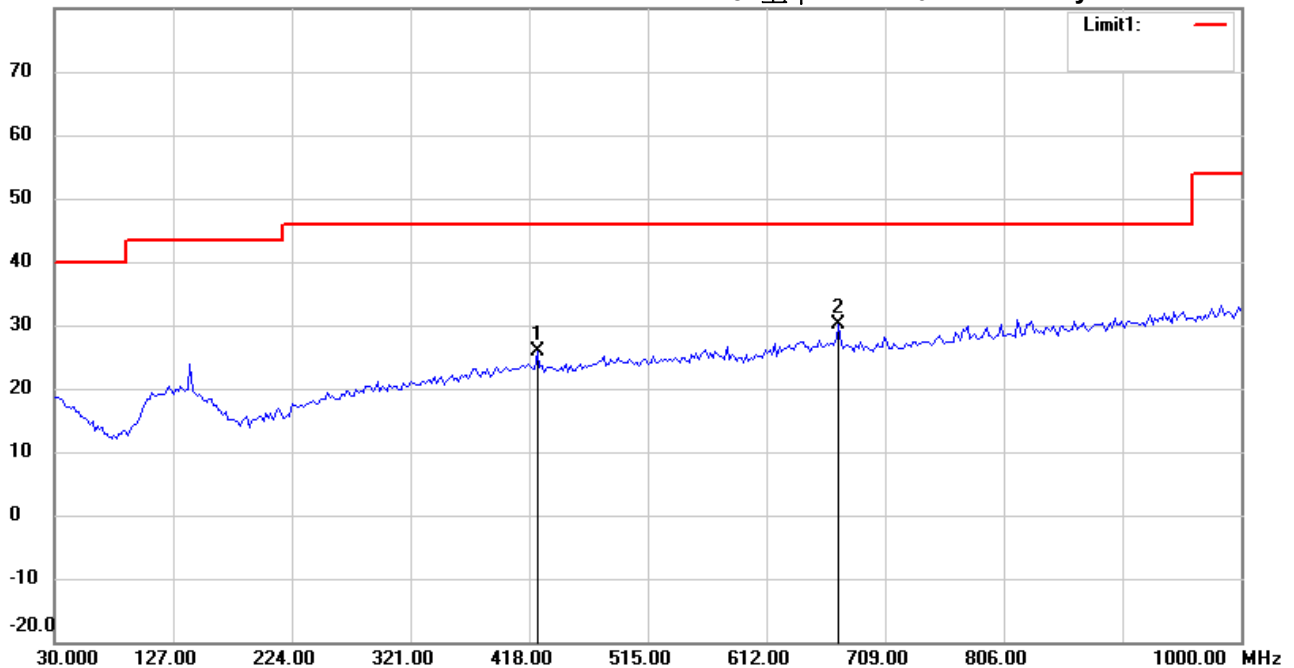
Date: 2017/5/9

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 11:21:40

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	424.6092	29.09	peak	-3.32	25.77	46.00	100	150	-20.23	
*	671.4830	30.43	peak	-0.27	30.16	46.00	100	90	-15.84	

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



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

Radiated Emission Measurement

Operator: Nelson

File :1

Data :#2

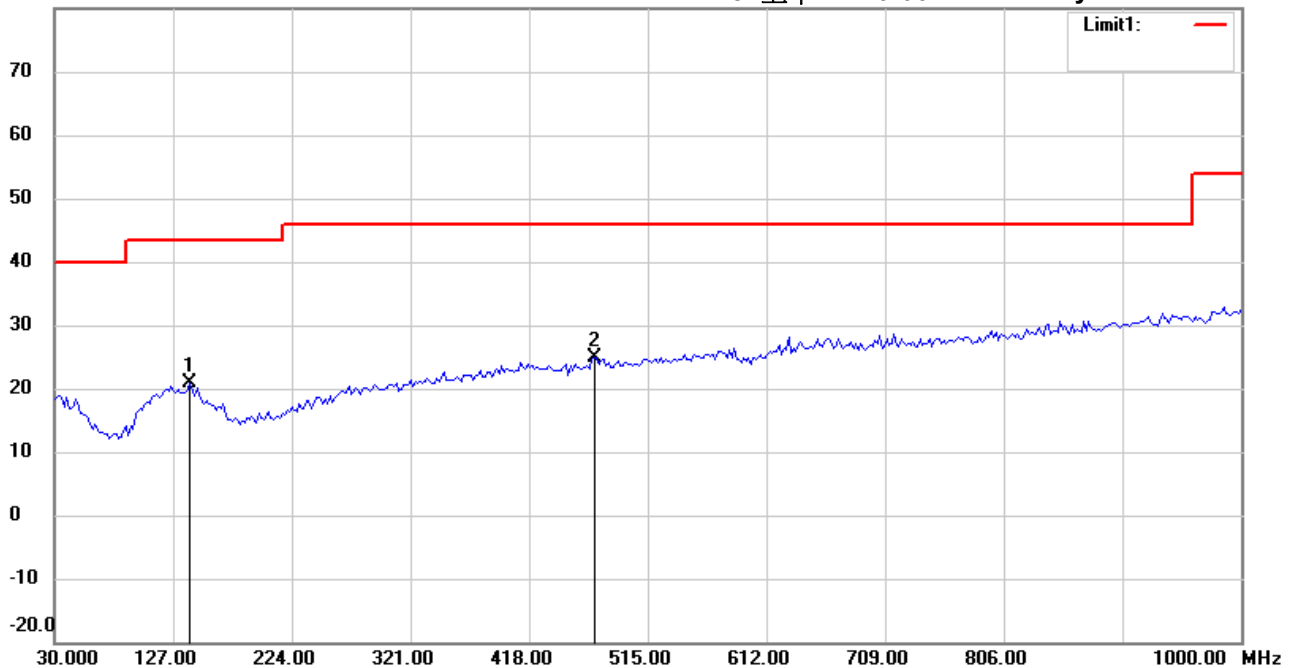
Date: 2017/5/9

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 11:23:06

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	27.73	peak	-6.94	20.79	43.50	100	110	-22.71	
*	471.2625	27.91	peak	-3.01	24.90	46.00	100	60	-21.10	

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



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

Operator: Nelson

File : 3

Data : #1

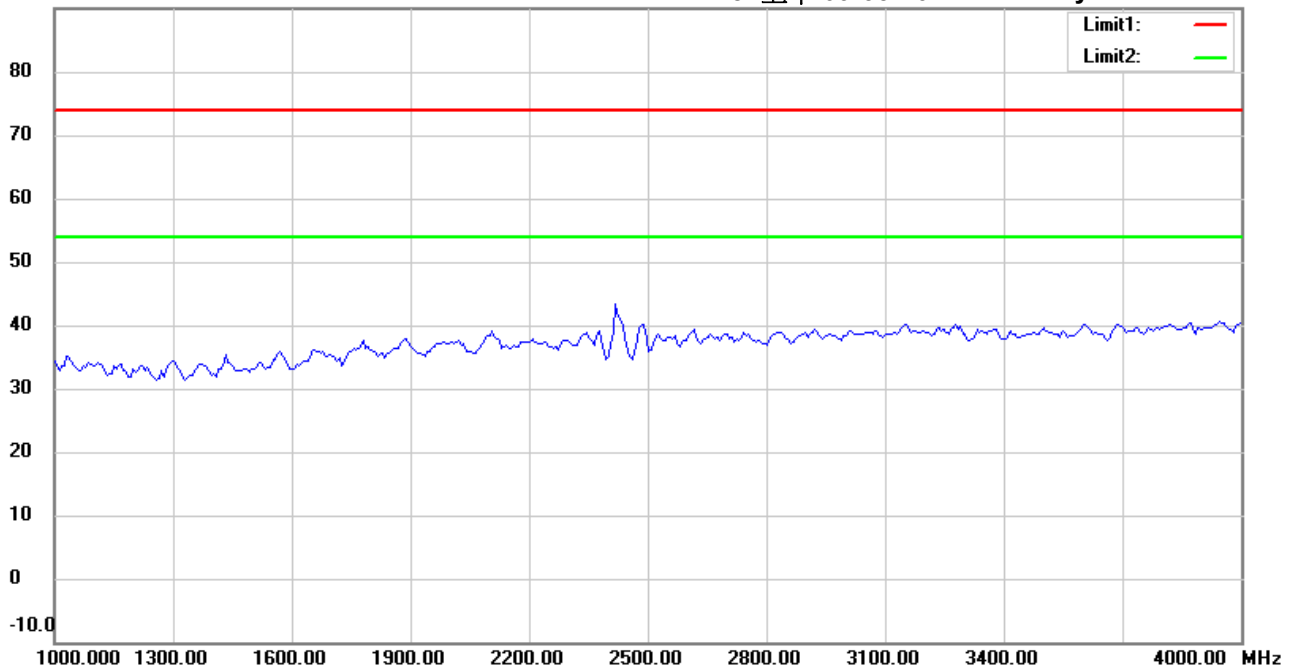
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:35:16

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #6

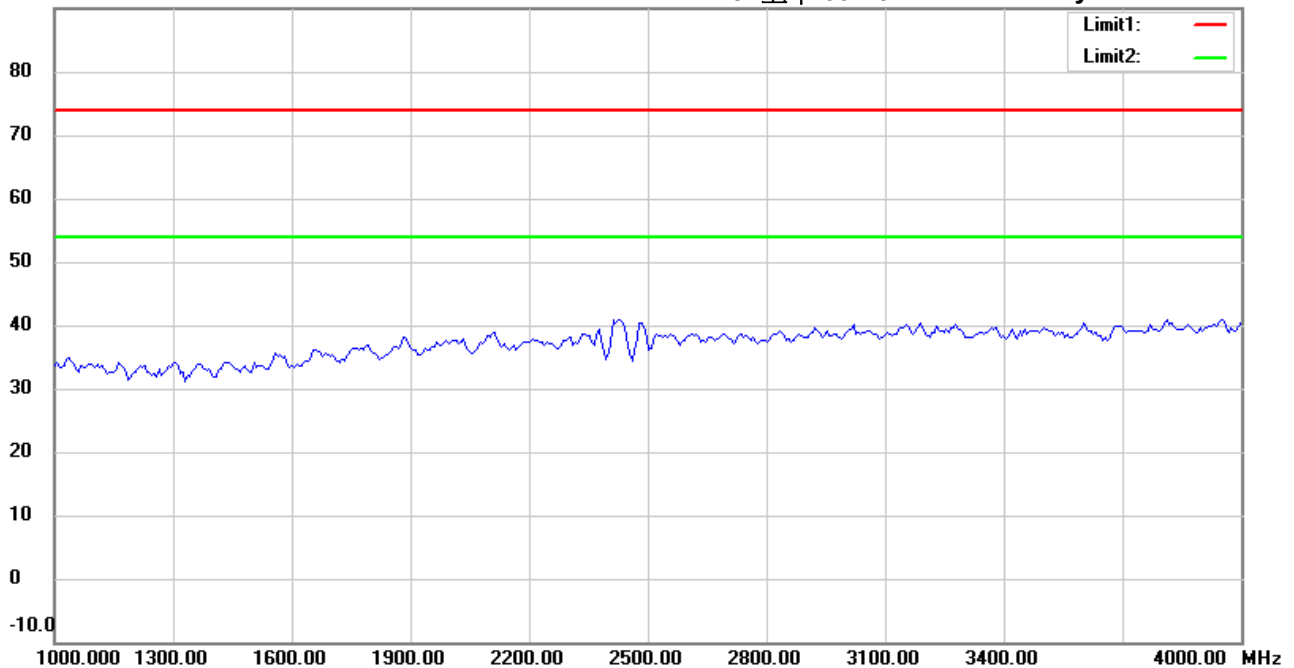
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:45:17

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #2

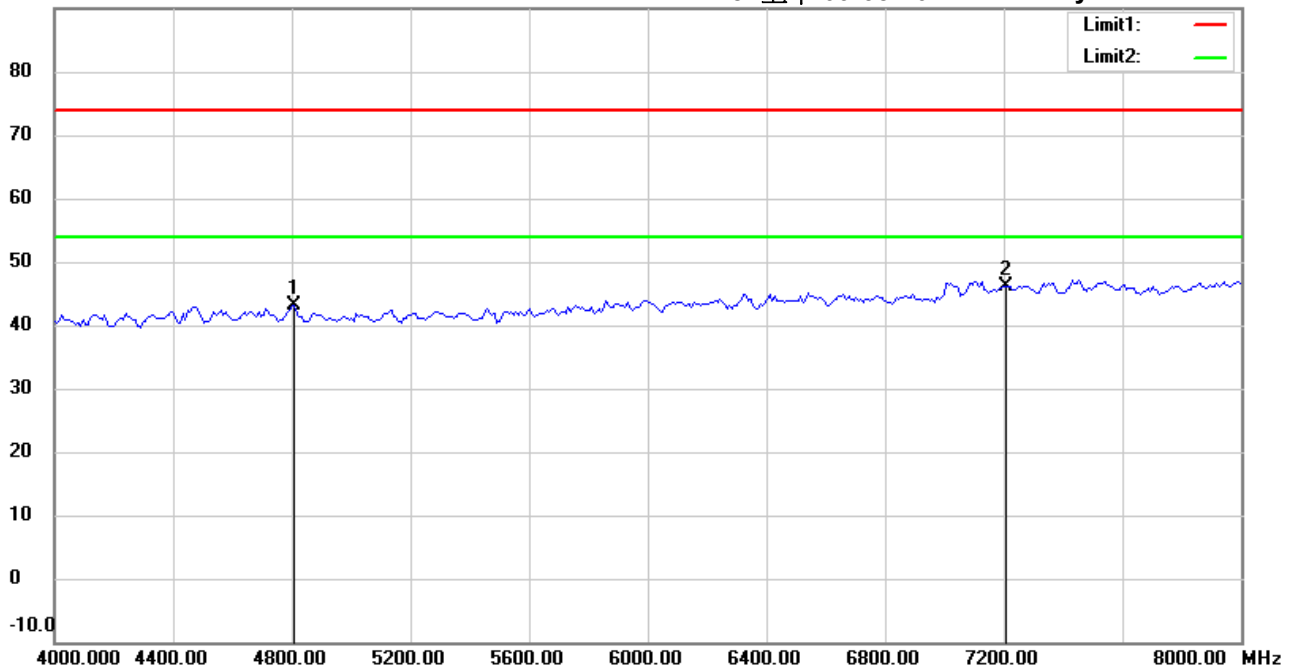
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:38:10

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	42.95	peak	0.08	43.03	74.00	150	130	-30.97	
*	7206.000	41.17	peak	5.06	46.23	74.00	150	80	-27.77	

*: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: Nelson

File : 3

Data : #7

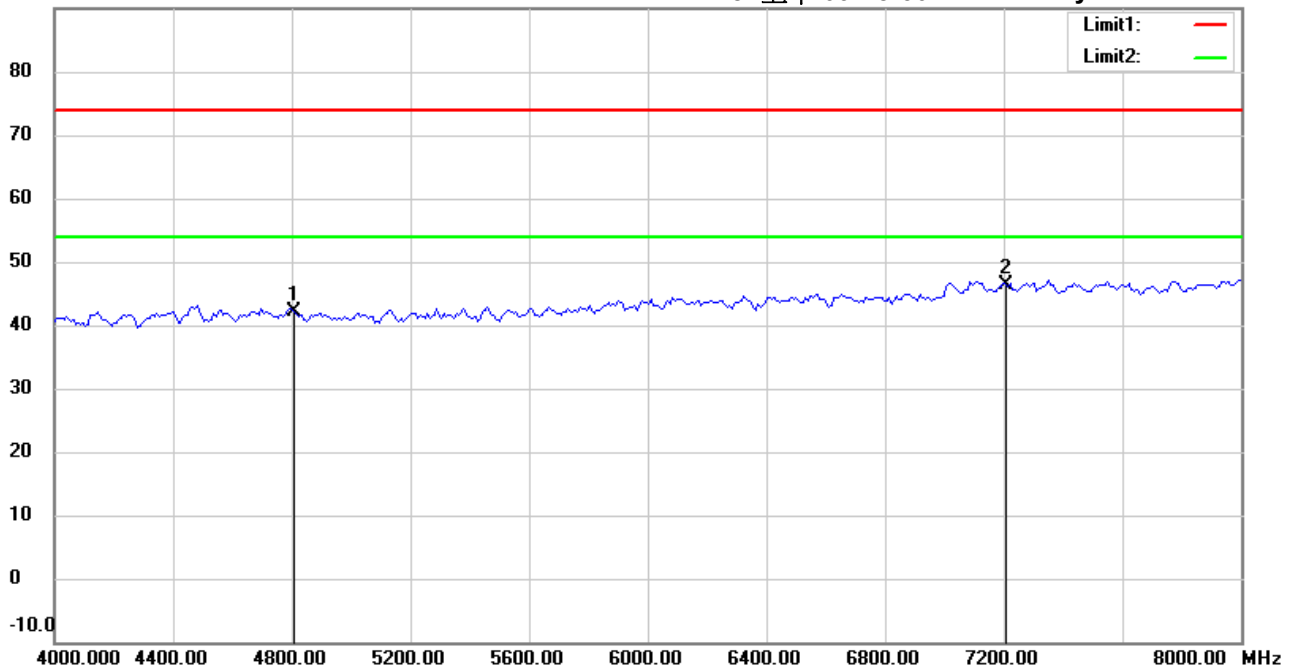
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:48:30

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	42.02	peak	0.08	42.10	74.00	150	90	-31.90	
*	7206.000	41.23	peak	5.06	46.29	74.00	150	120	-27.71	

*: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: Nelson

File :3

Data :#3

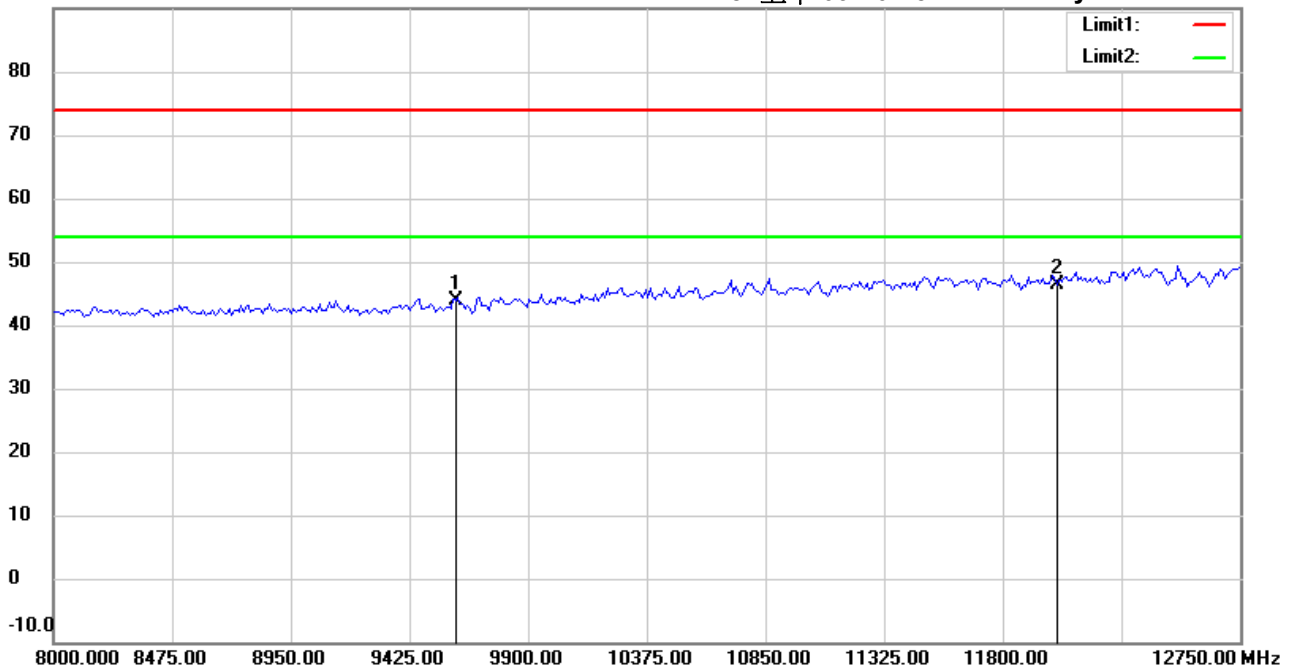
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:40:45

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	35.81	peak	7.96	43.77	74.00	150	300	-30.23	
*	12010.000	33.60	peak	12.90	46.50	74.00	150	45	-27.50	

*: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: Nelson

File :3

Data :#8

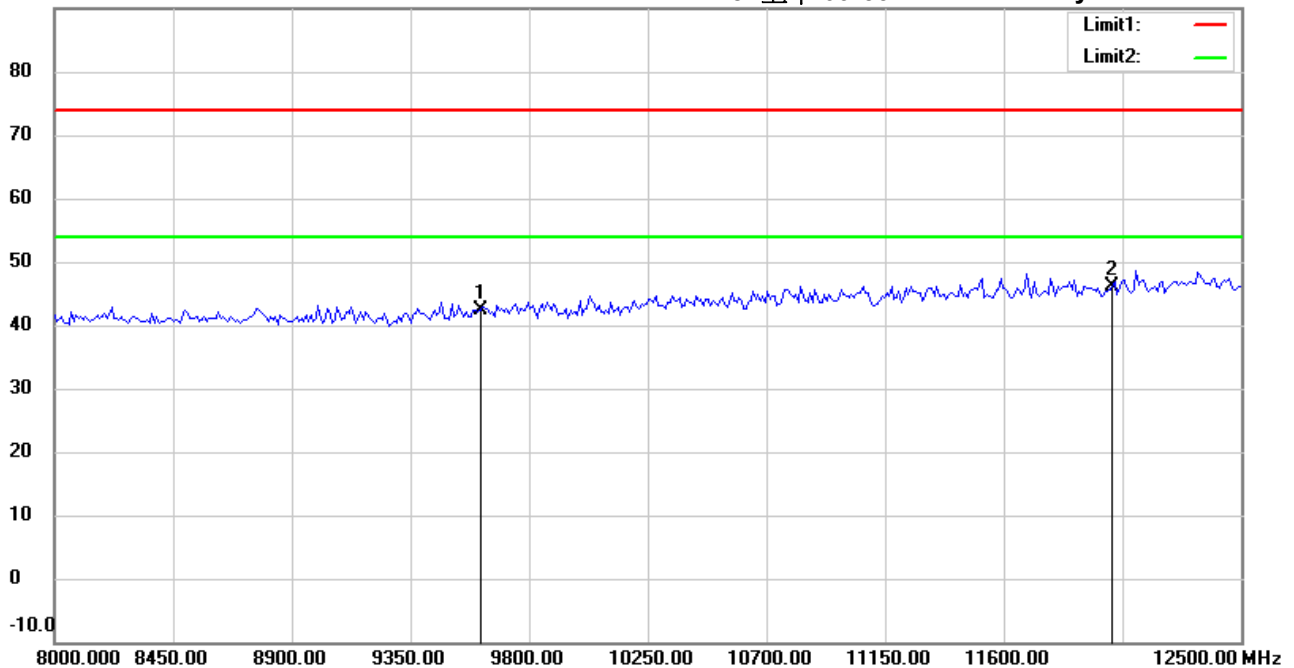
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:53:42

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	34.51	peak	7.96	42.47	74.00	150	160	-31.53	
*	12010.000	33.19	peak	12.90	46.09	74.00	150	70	-27.91	

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



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Radiated Emission Measurement

Operator: Nelson

File : 3

Data : #4

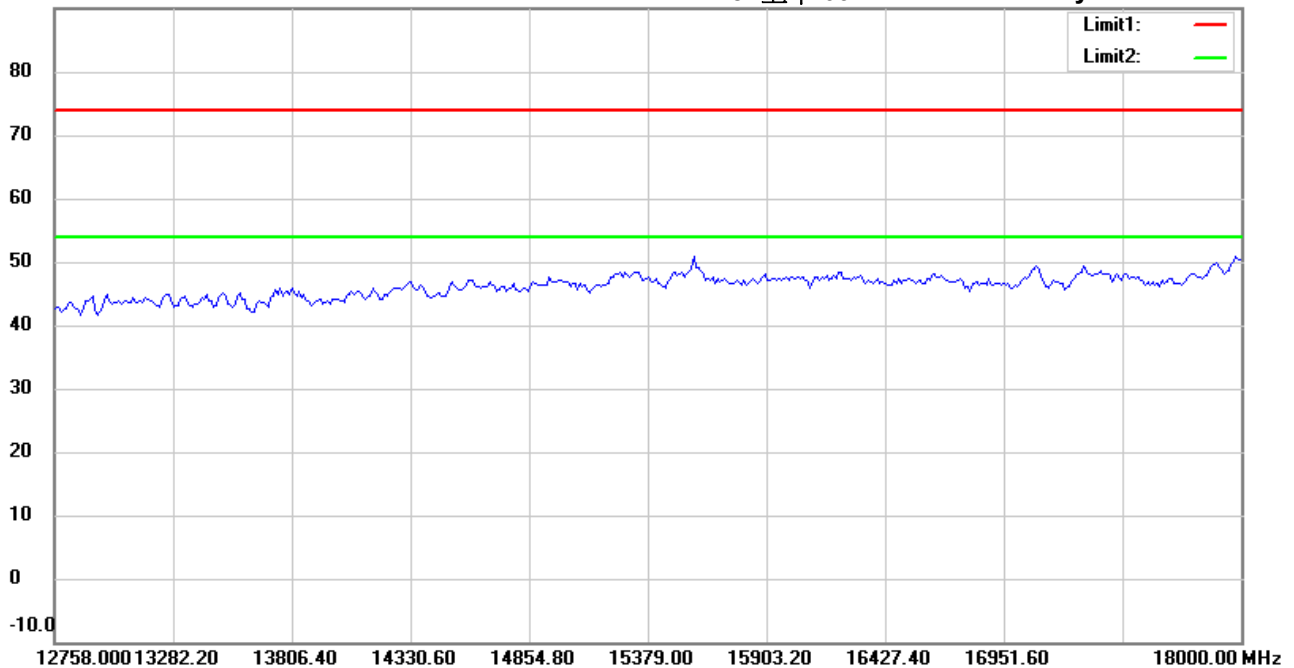
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:42:21

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #9

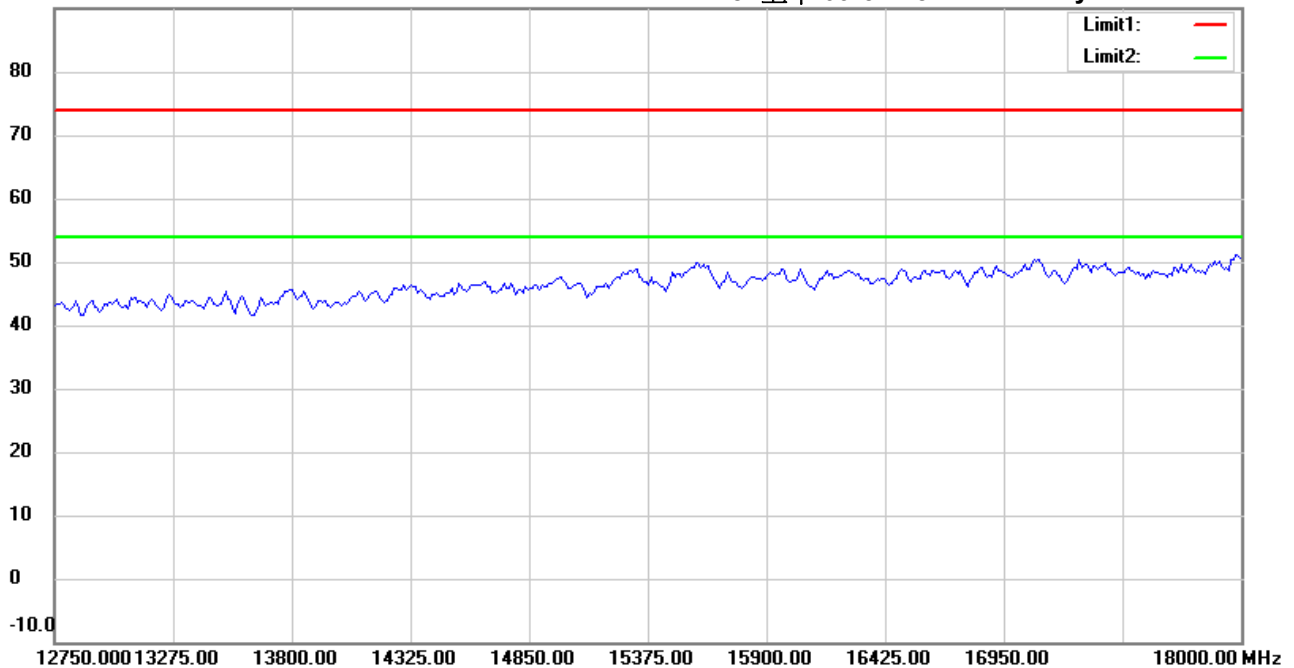
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:51:48

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #5

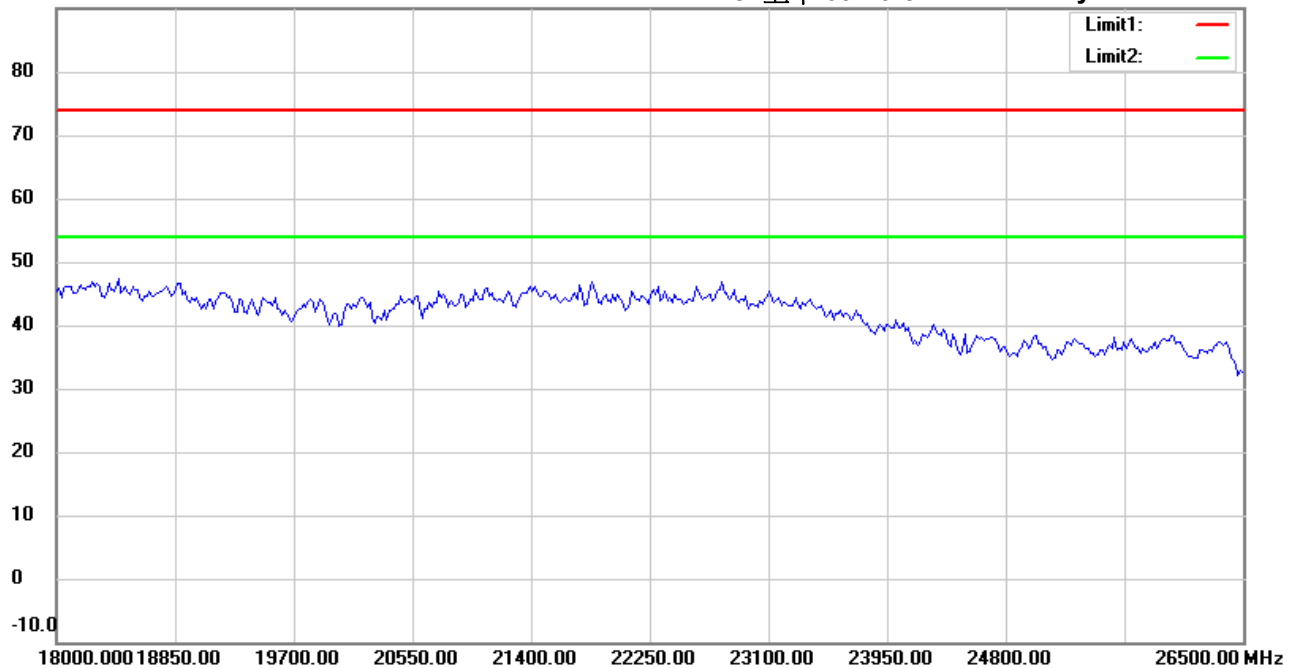
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:43:52

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #10

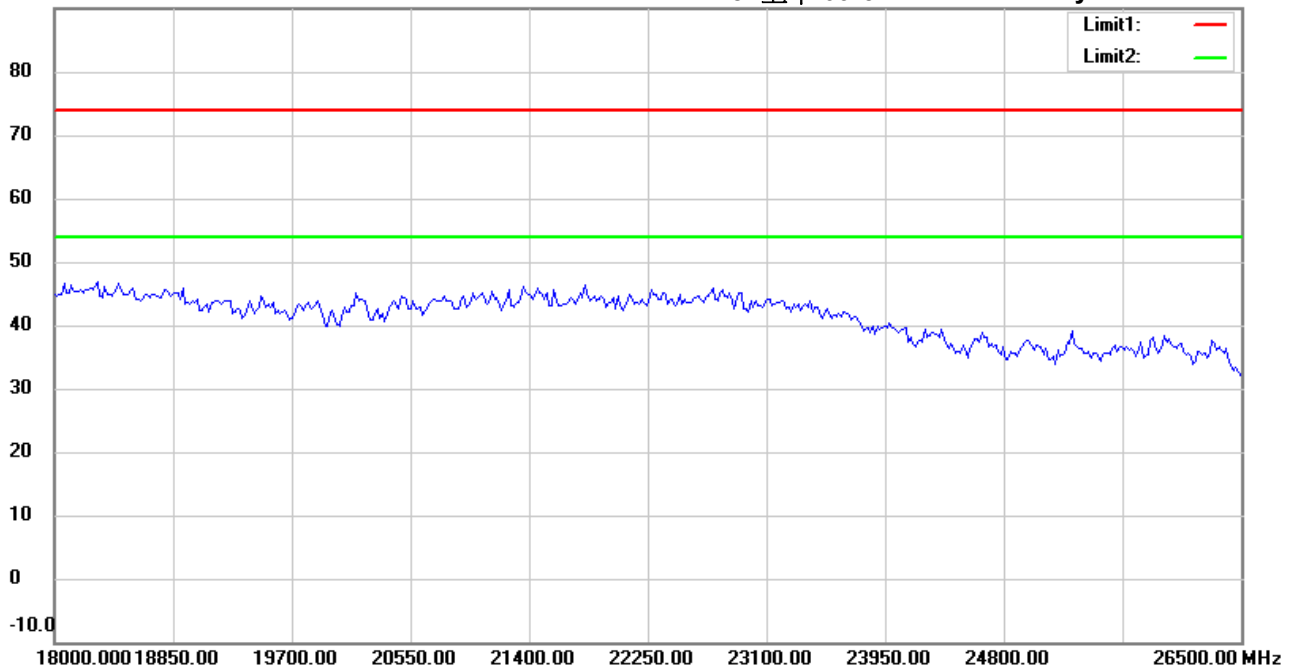
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 09:52:47

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File :1

Data :#1

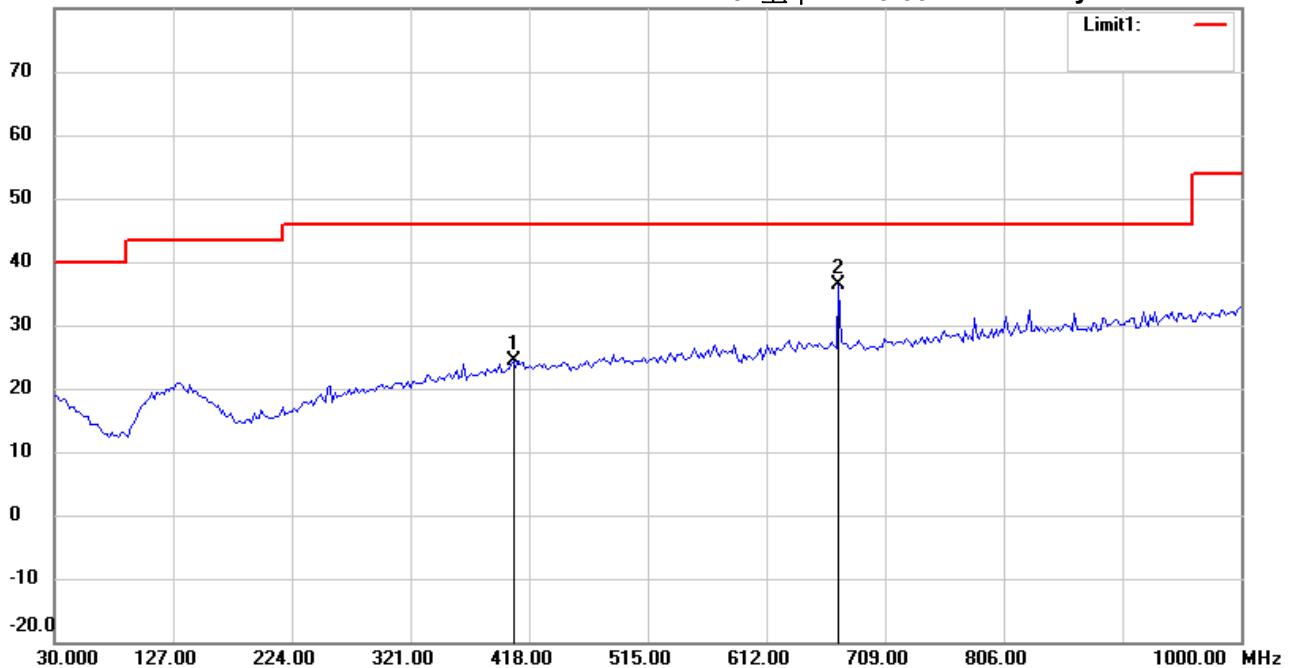
Date: 2017/5/9

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 11:25:35

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 2426MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	405.1703	27.94	peak	-3.50	24.44	46.00	100	140	-21.56	
*	671.4830	36.57	peak	-0.27	36.30	46.00	100	60	-9.70	

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



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Radiated Emission Measurement

Operator: Nelson

File :1

Data :#2

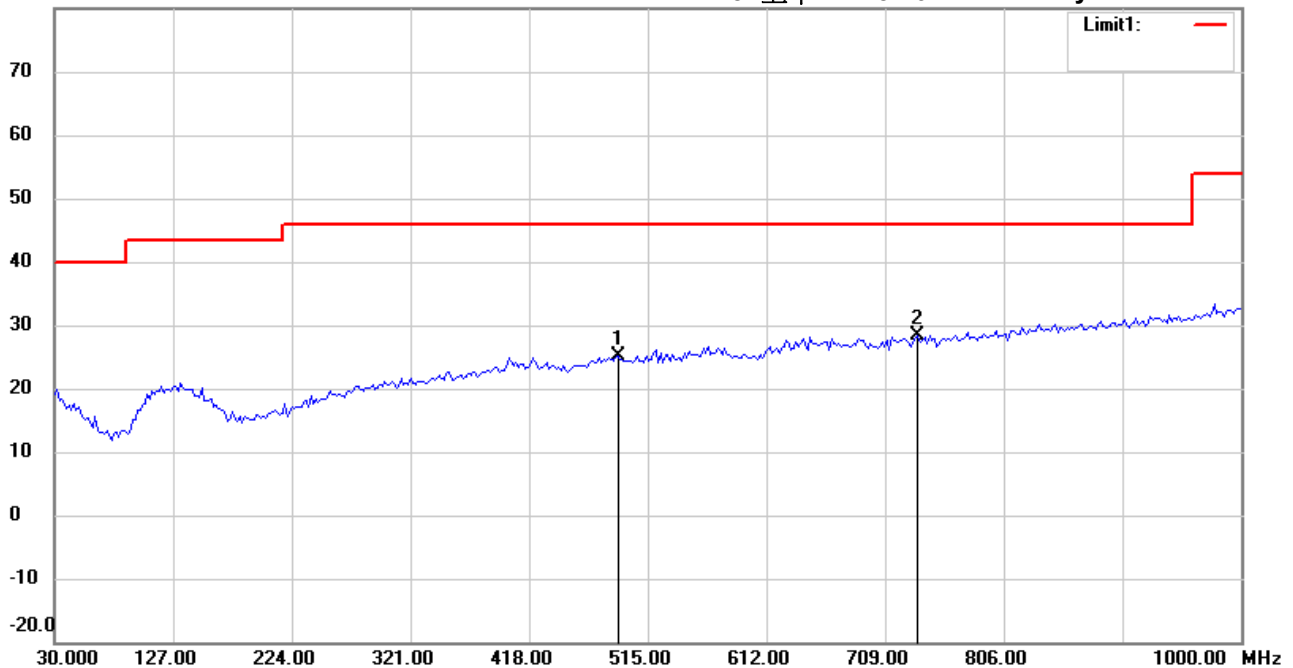
Date: 2017/5/9

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 11:28:19

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 2426MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	490.7014	27.90	peak	-2.85	25.05	46.00	100	140	-20.95	
*	735.6312	28.07	peak	0.28	28.35	46.00	100	80	-17.65	

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



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Radiated Emission Measurement

Operator: Nelson

File : 3

Data : #1

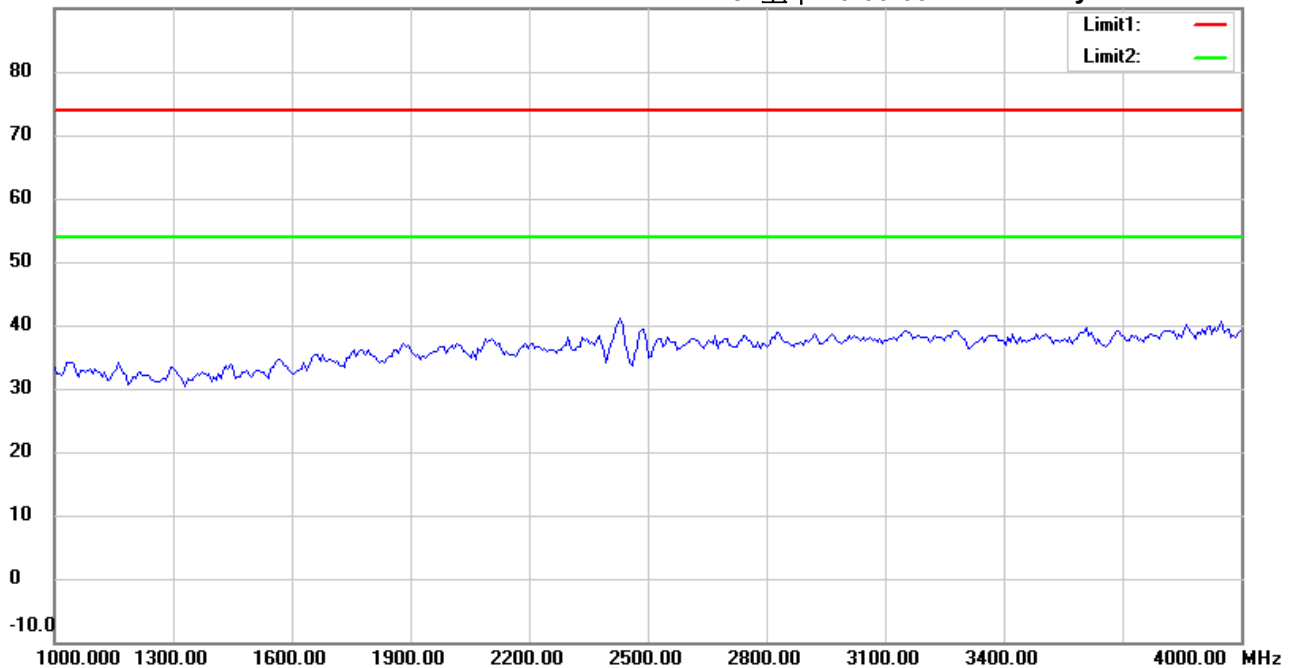
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:00:03

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2426MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #6

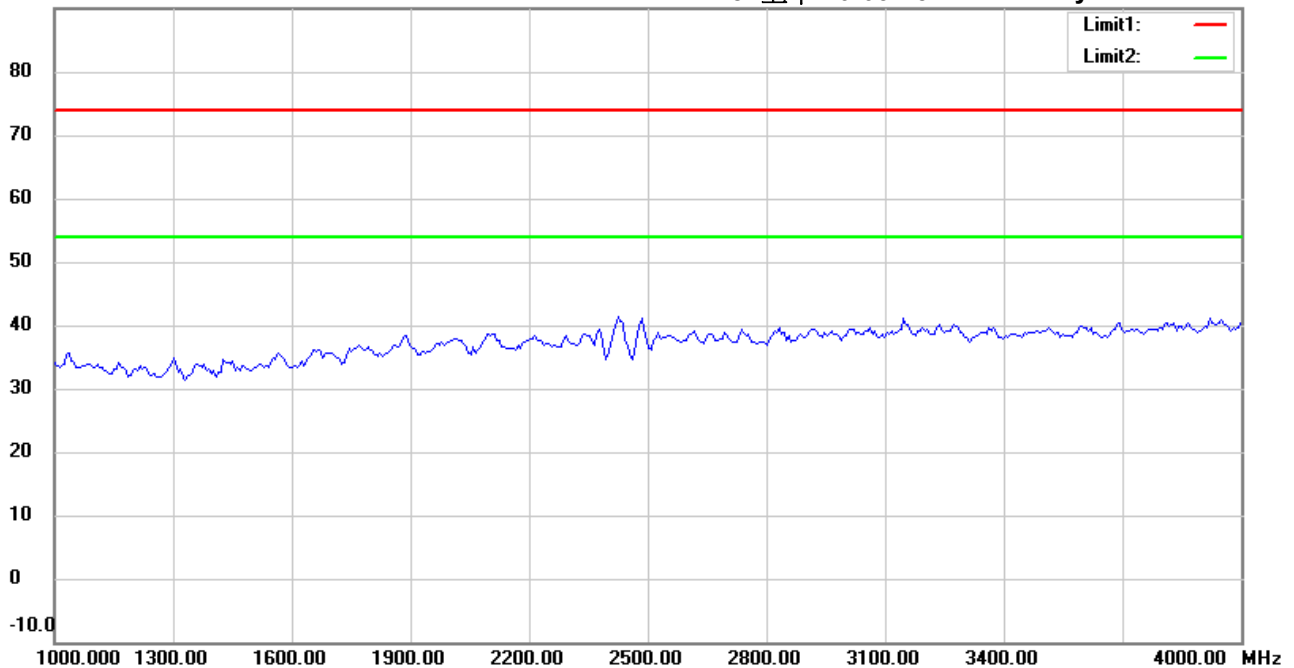
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:03:15

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2426MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #2

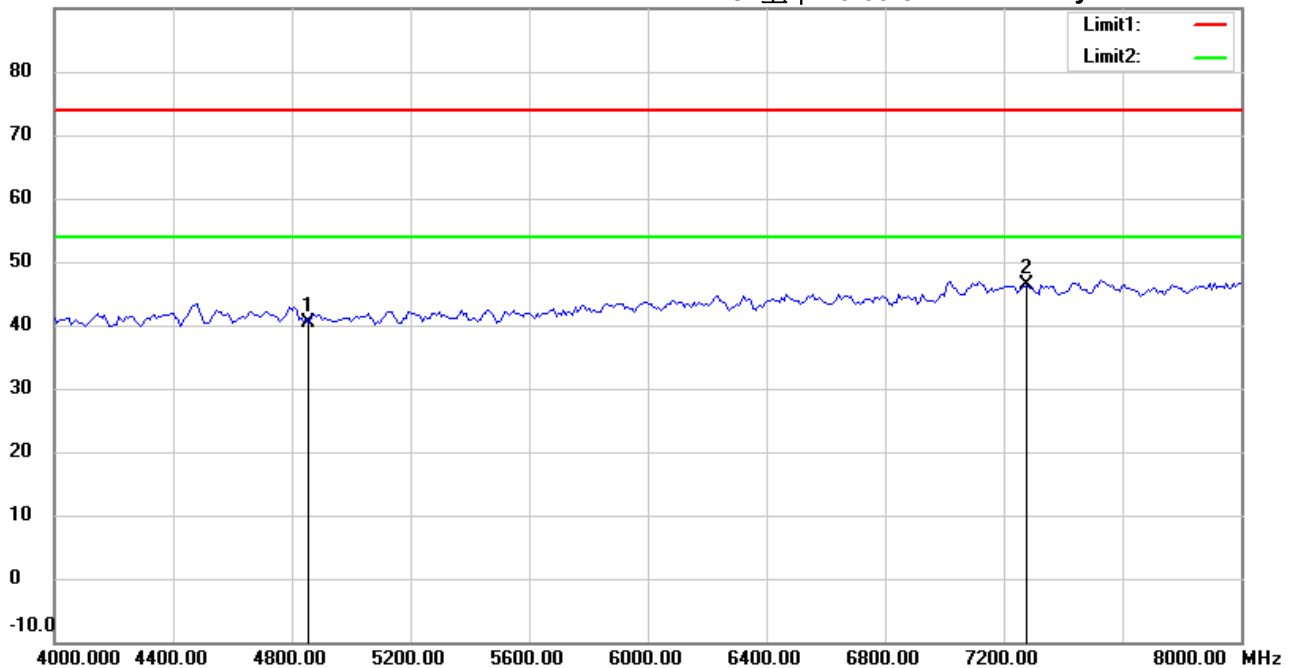
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:00:57

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2426MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4852.000	40.33	peak	0.14	40.47	74.00	150	60	-33.53	
*	7278.000	41.20	peak	5.08	46.28	74.00	150	115	-27.72	

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



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Radiated Emission Measurement

Operator: Nelson

File : 3

Data : #7

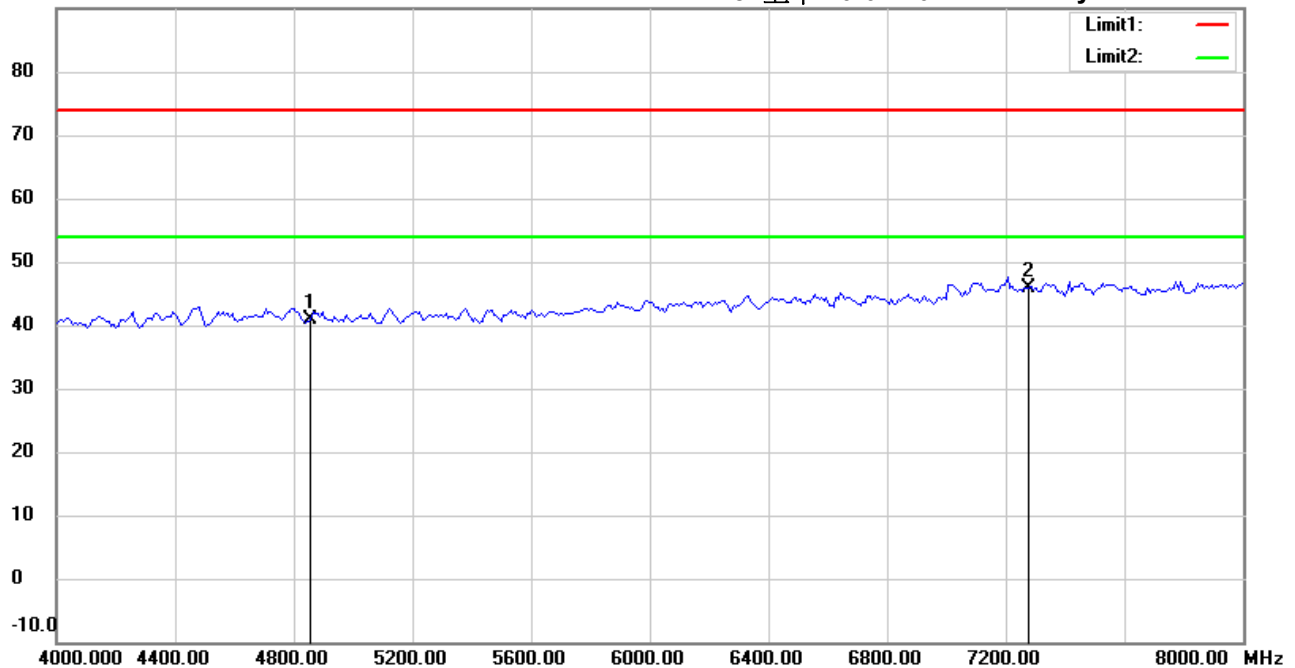
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:04:10

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2426MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4852.000	40.62	peak	0.14	40.76	74.00	150	140	-33.24	
*	7278.000	40.90	peak	5.08	45.98	74.00	150	60	-28.02	

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



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Radiated Emission Measurement

Operator: Nelson

File :3

Data :#3

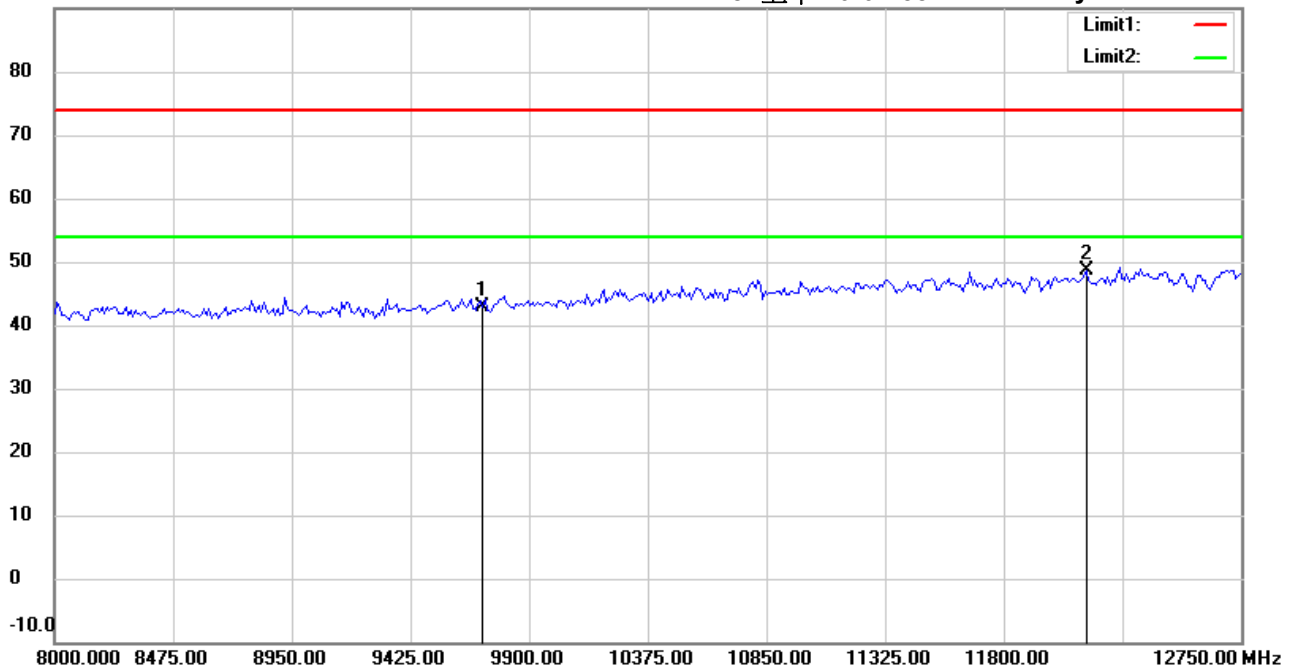
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:01:58

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2426MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9704.000	34.72	peak	8.06	42.78	74.00	150	65	-31.22	
*	12130.000	34.85	peak	13.83	48.68	74.00	150	70	-25.32	

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



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Radiated Emission Measurement

Operator: Nelson

File : 3

Data : #8

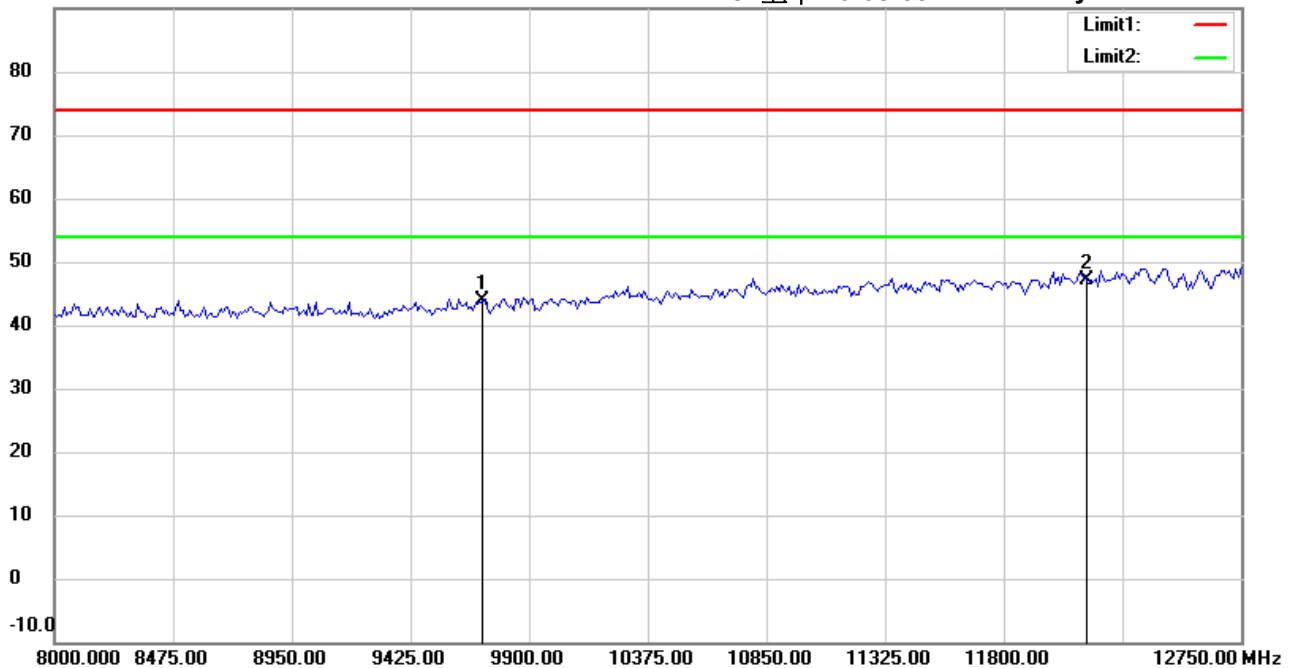
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:05:03

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21703-16710

Power : 3.7 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2426MHz

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9704.000	35.84	peak	8.06	43.90	74.00	150	320	-30.10	
*	12130.000	33.39	peak	13.83	47.22	74.00	150	60	-26.78	

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



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Radiated Emission Measurement

Operator: Nelson

File :3

Data :#4

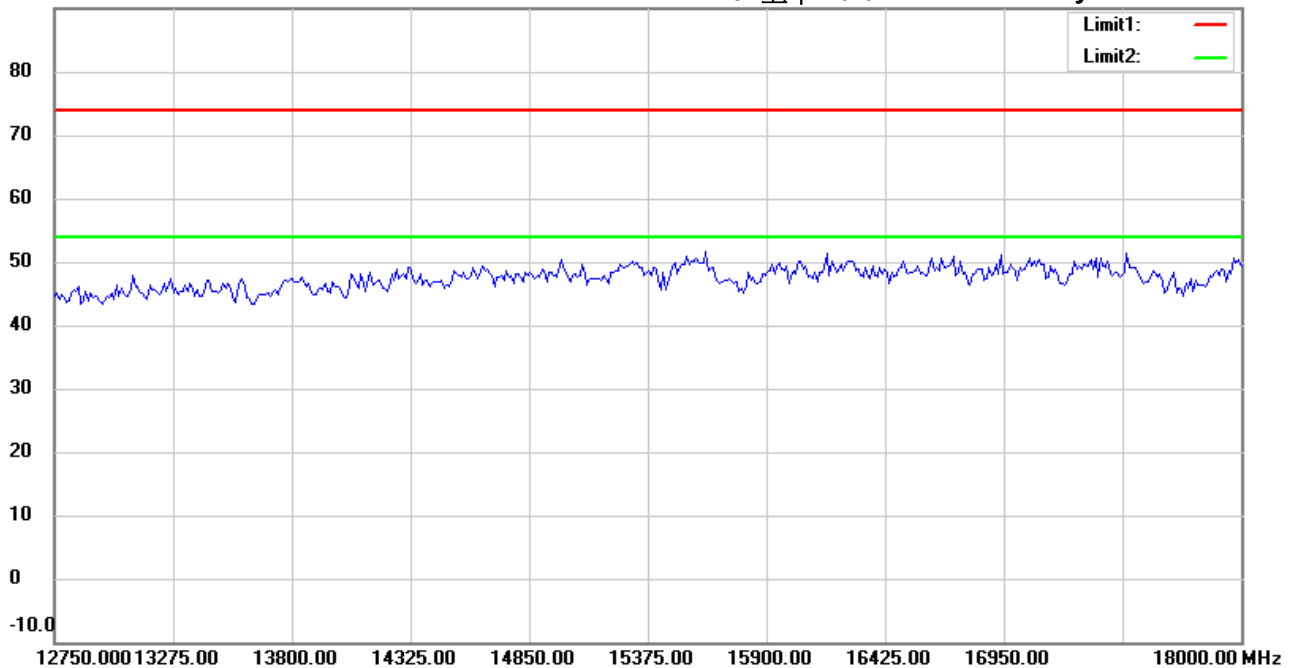
Date: 2017/5/9

Temperature:24 °C

90.0 dBuV/m

Time: 上午 10:02:11

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2426MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #9

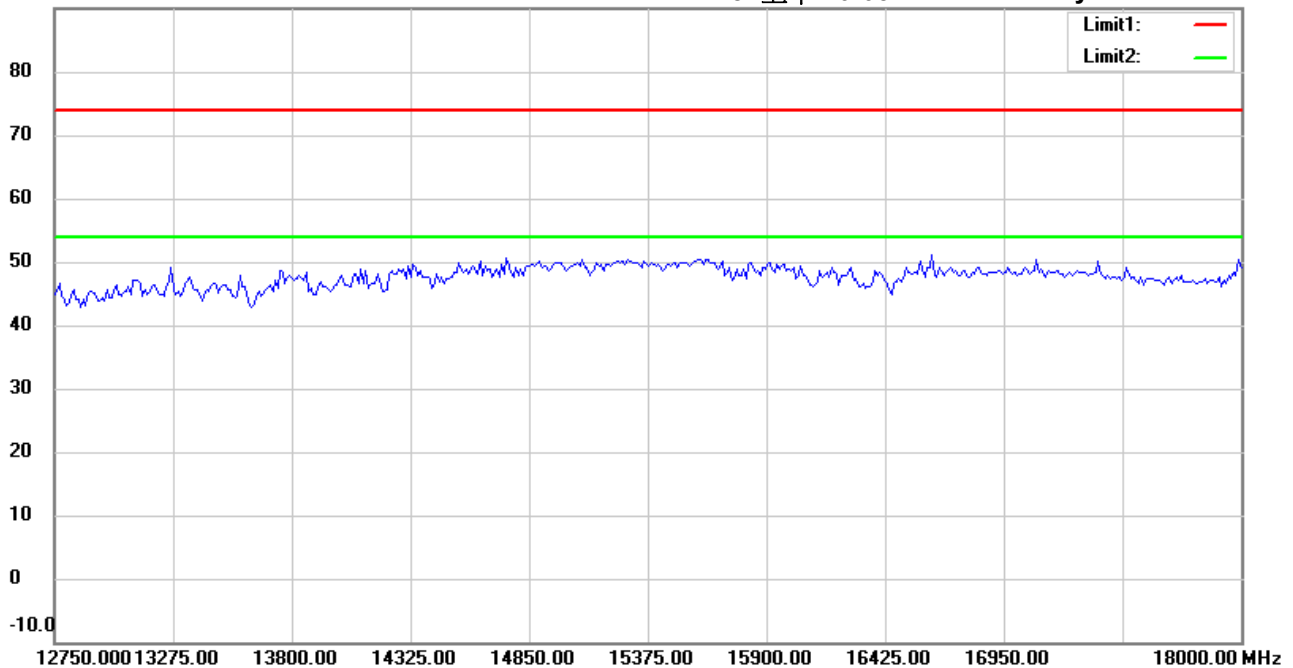
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:05:17

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2426MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #5

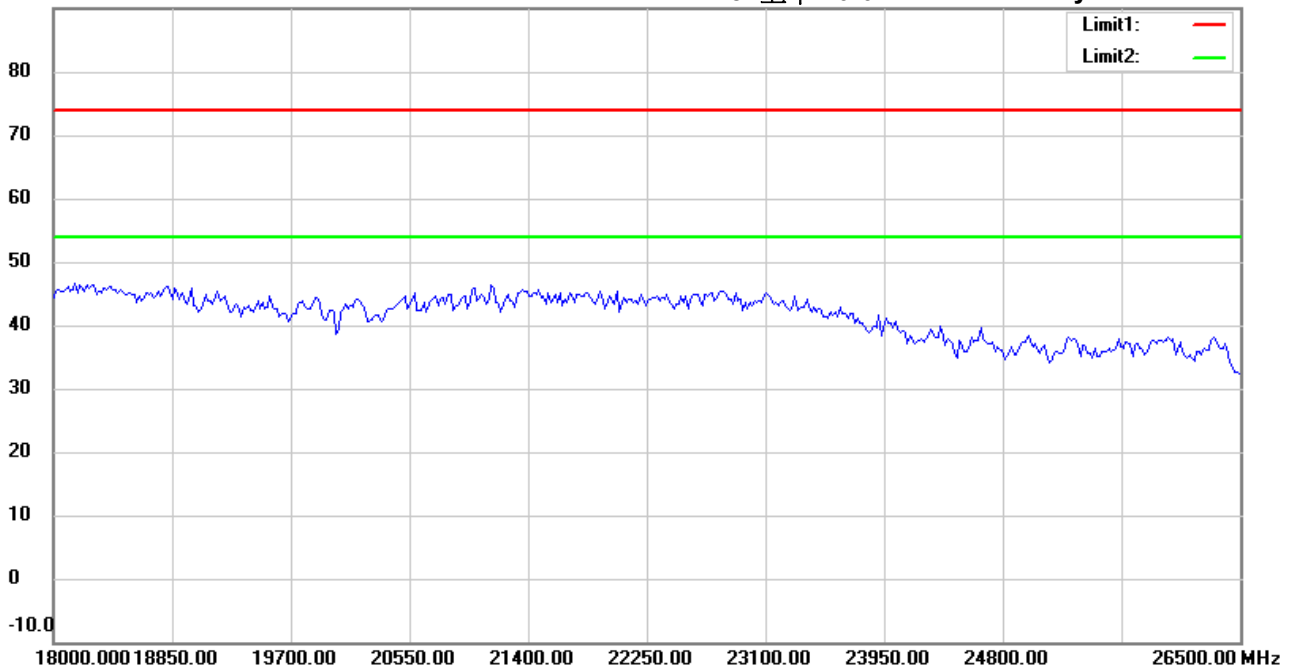
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:02:21

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2426MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #10

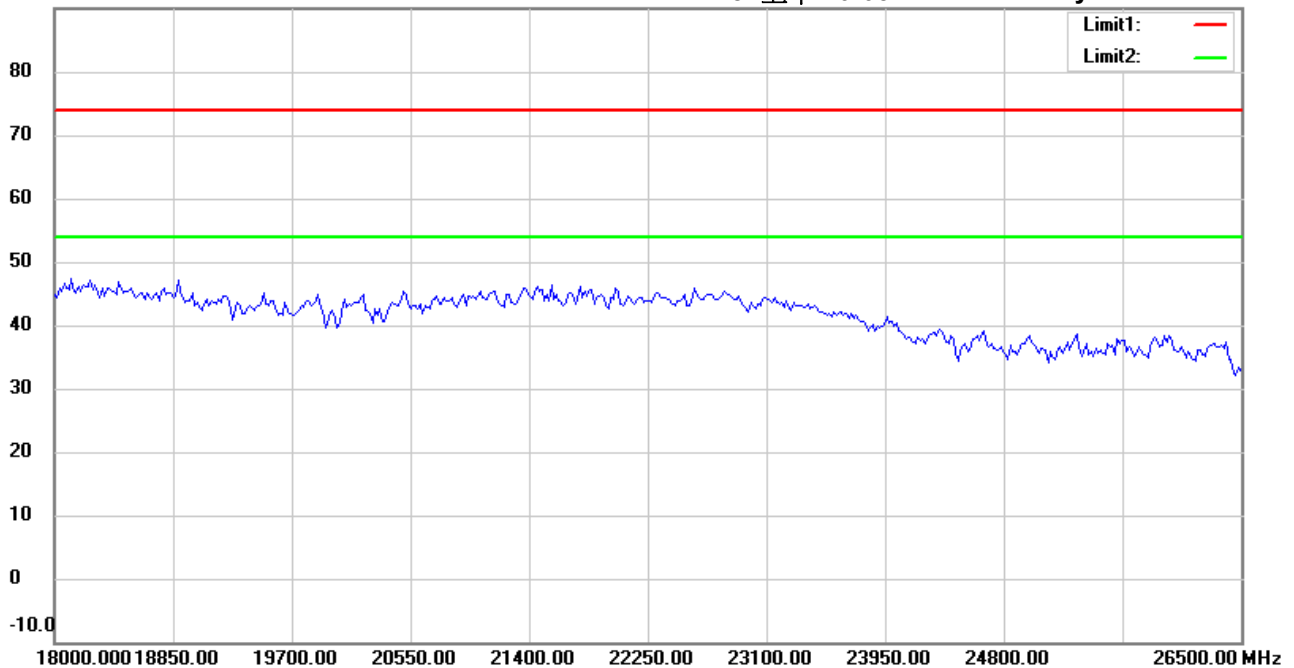
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:05:27

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2426MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 1

Data : #1

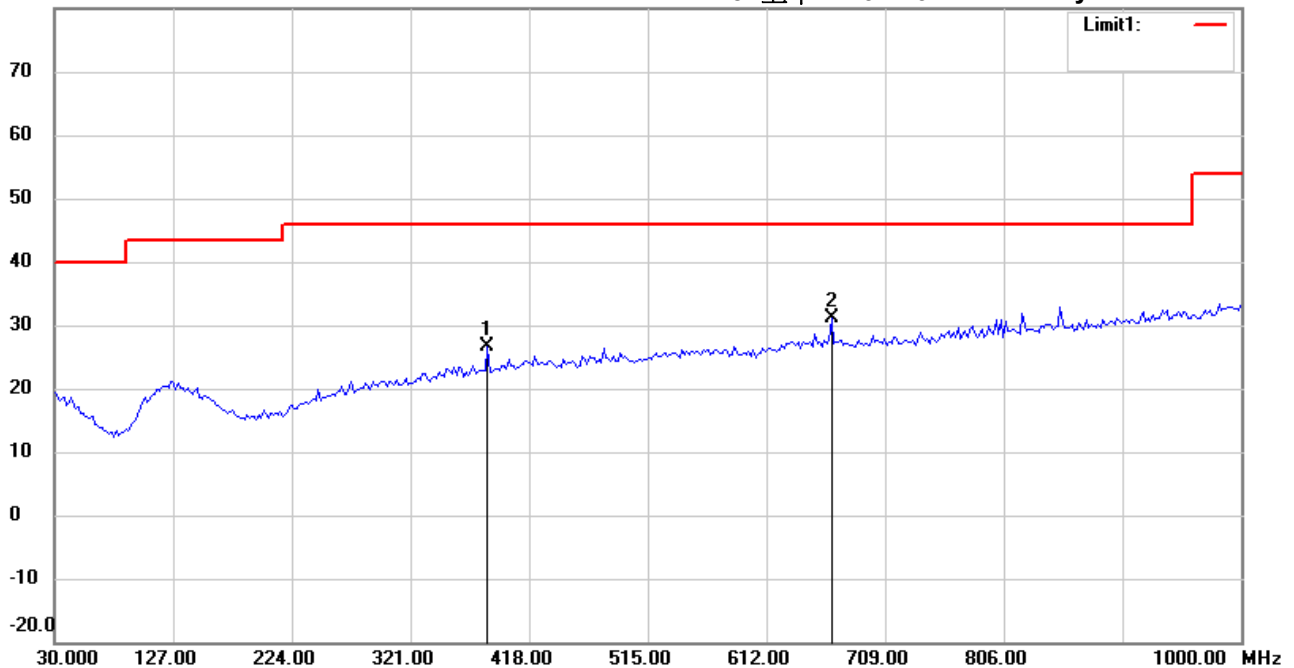
Date: 2017/5/9

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 11:32:43

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	383.7876	30.44	peak	-3.90	26.54	46.00	100	130	-19.46	
*	665.6513	31.50	peak	-0.25	31.25	46.00	100	80	-14.75	

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



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Radiated Emission Measurement

Operator: Nelson

File :1

Data :#2

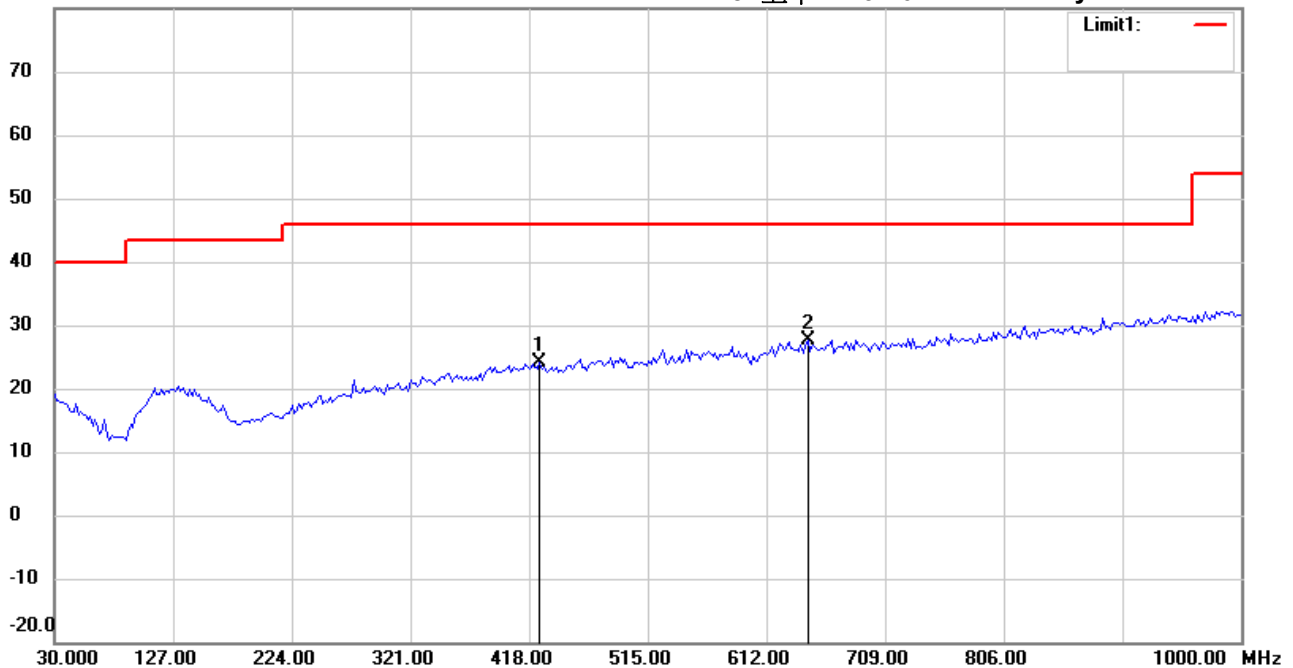
Date: 2017/5/9

Temperature: 24 °C

80.0 dBuV/m

Time: 上午 11:34:01

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	426.5531	27.39	peak	-3.31	24.08	46.00	100	140	-21.92	
*	646.2124	27.92	peak	-0.34	27.58	46.00	100	80	-18.42	

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



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Radiated Emission Measurement

Operator: Nelson

File : 3

Data : #1

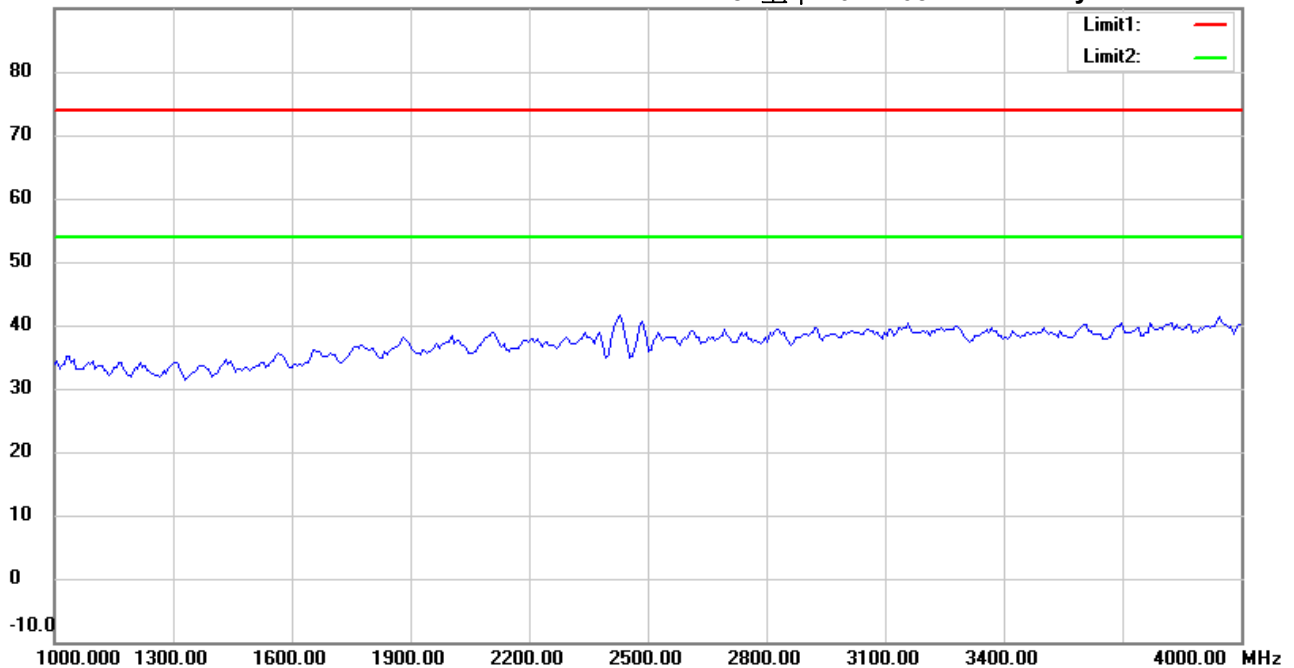
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:14:08

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #6

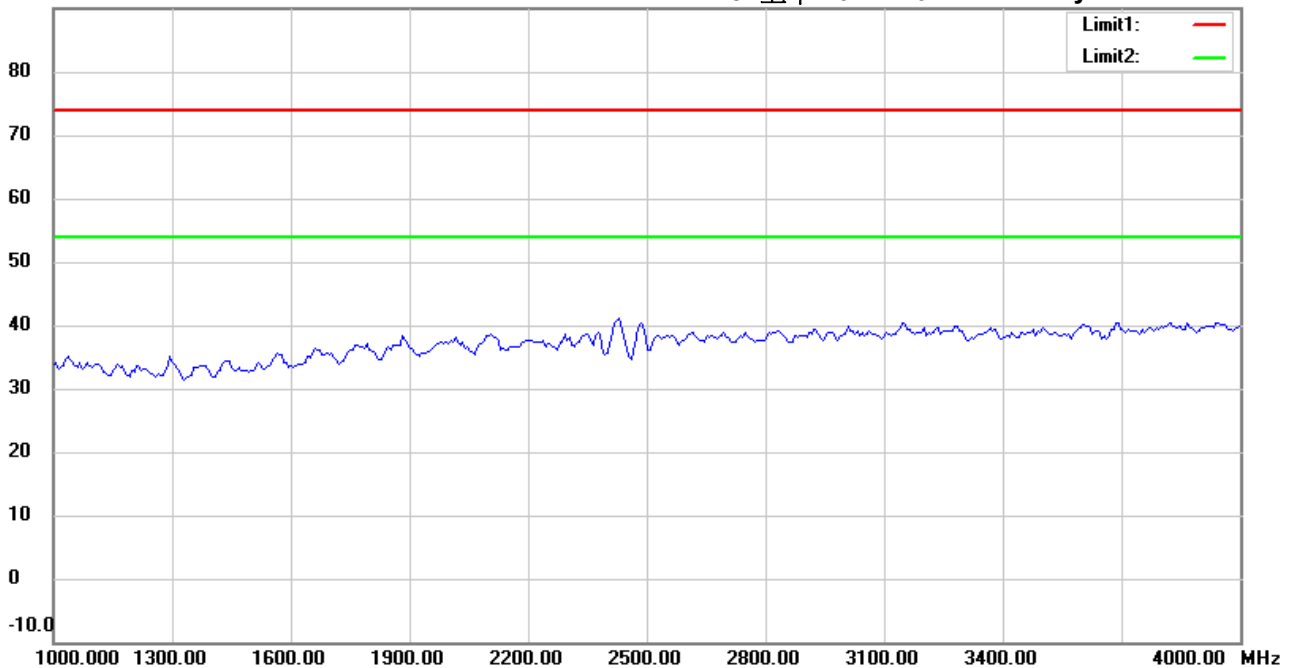
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:17:16

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Vertical*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File :3

Data :#2

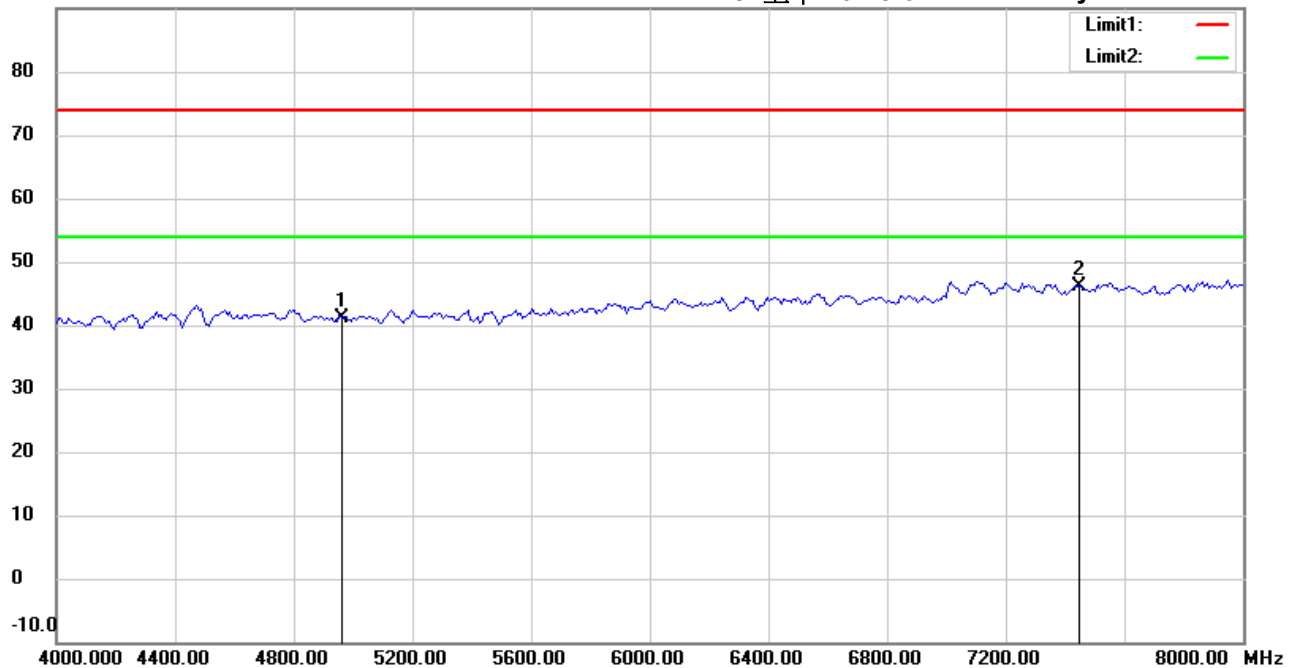
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:15:02

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	40.85	peak	0.21	41.06	74.00	150	130	-32.94	
*	7440.000	41.02	peak	5.18	46.20	74.00	150	80	-27.80	

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



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Radiated Emission Measurement

Operator: Nelson

File : 3

Data : #7

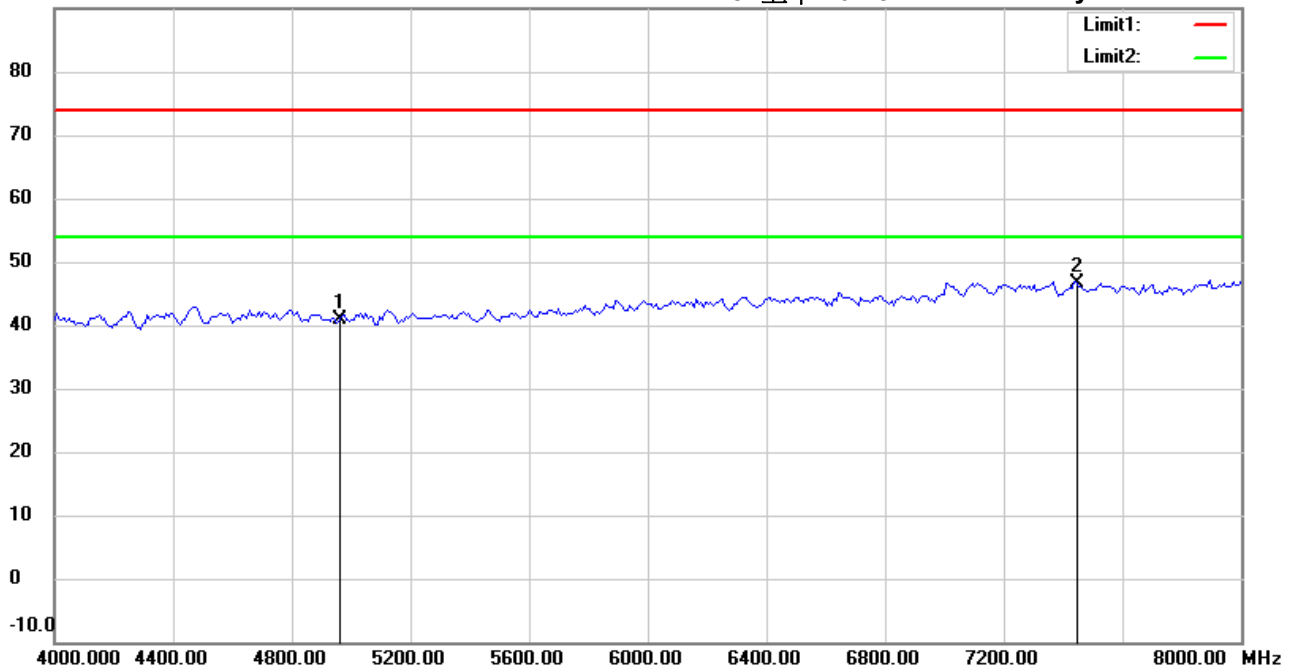
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:18:11

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	40.55	peak	0.21	40.76	74.00	150	160	-33.24	
*	7440.000	41.42	peak	5.18	46.60	74.00	150	50	-27.40	

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



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Radiated Emission Measurement

Operator: Nelson

File : 3

Data : #3

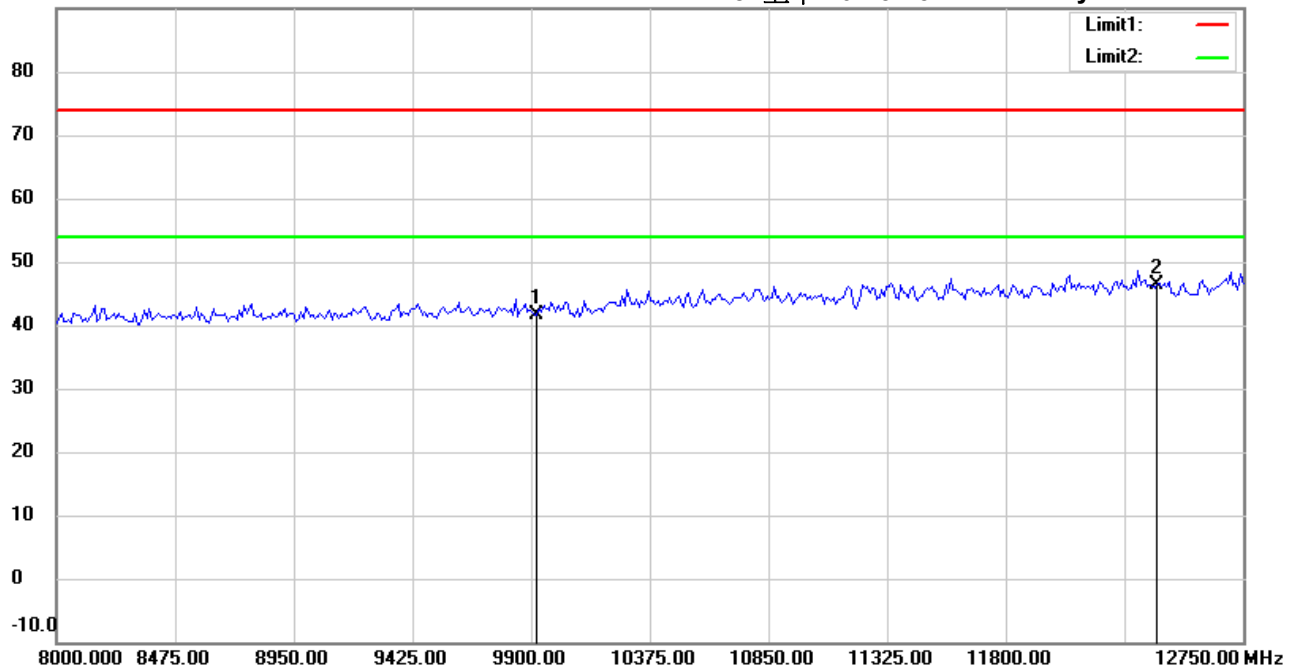
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:15:15

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	32.97	peak	8.55	41.52	74.00	150	210	-32.48	
*	12400.000	32.00	peak	14.41	46.41	74.00	150	60	-27.59	

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



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Radiated Emission Measurement

Operator: Nelson

File :3

Data :#8

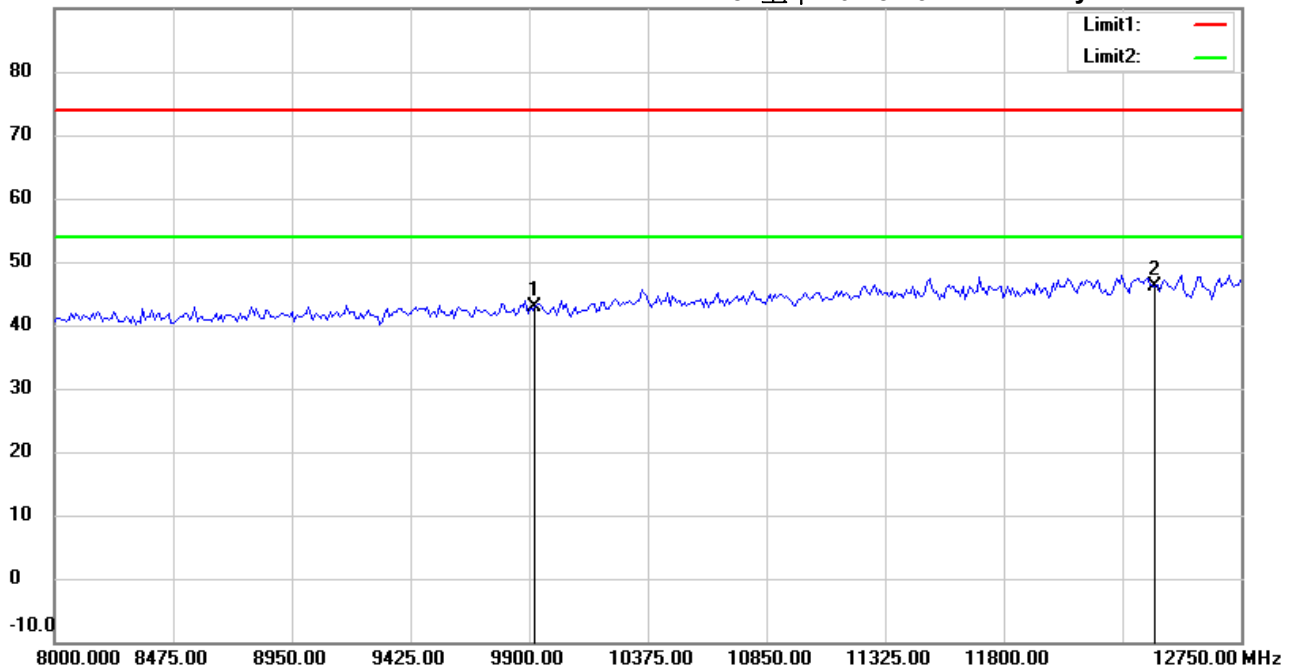
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:18:23

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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	34.37	peak	8.55	42.92	74.00	150	320	-31.08	
*	12400.000	31.80	peak	14.41	46.21	74.00	150	80	-27.79	

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



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Radiated Emission Measurement

Operator: Nelson

File : 3

Data : #4

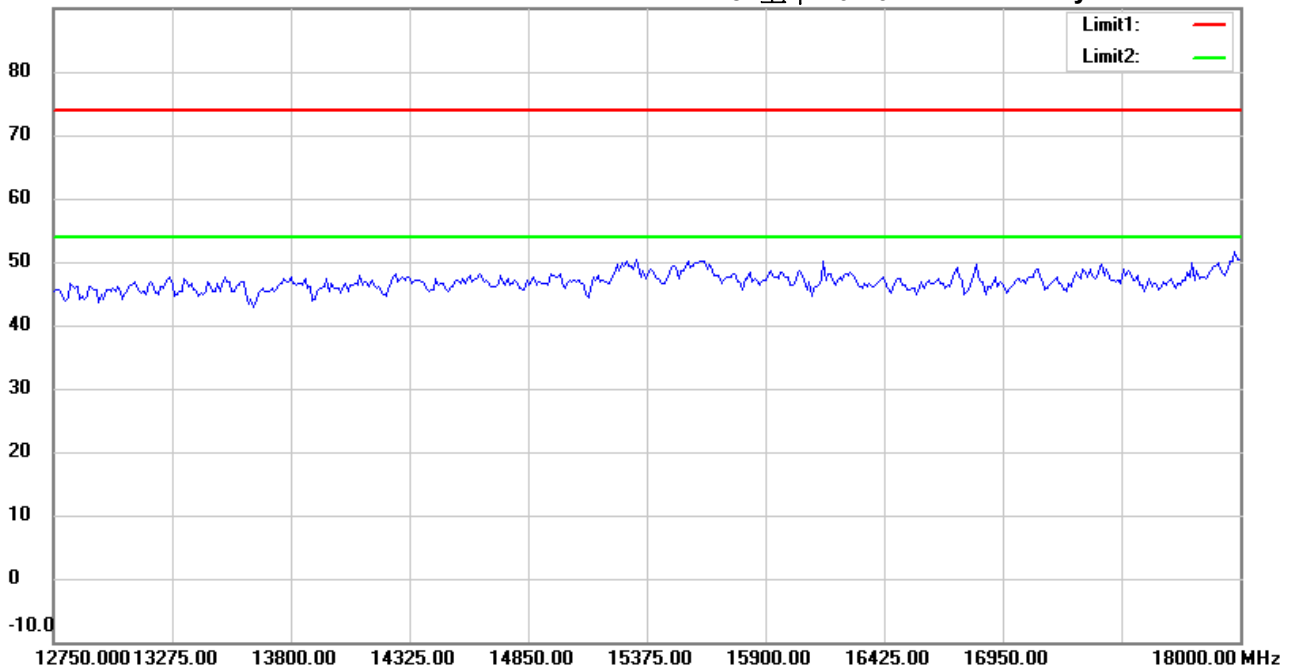
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:16:12

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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: Nelson

File : 3

Data : #9

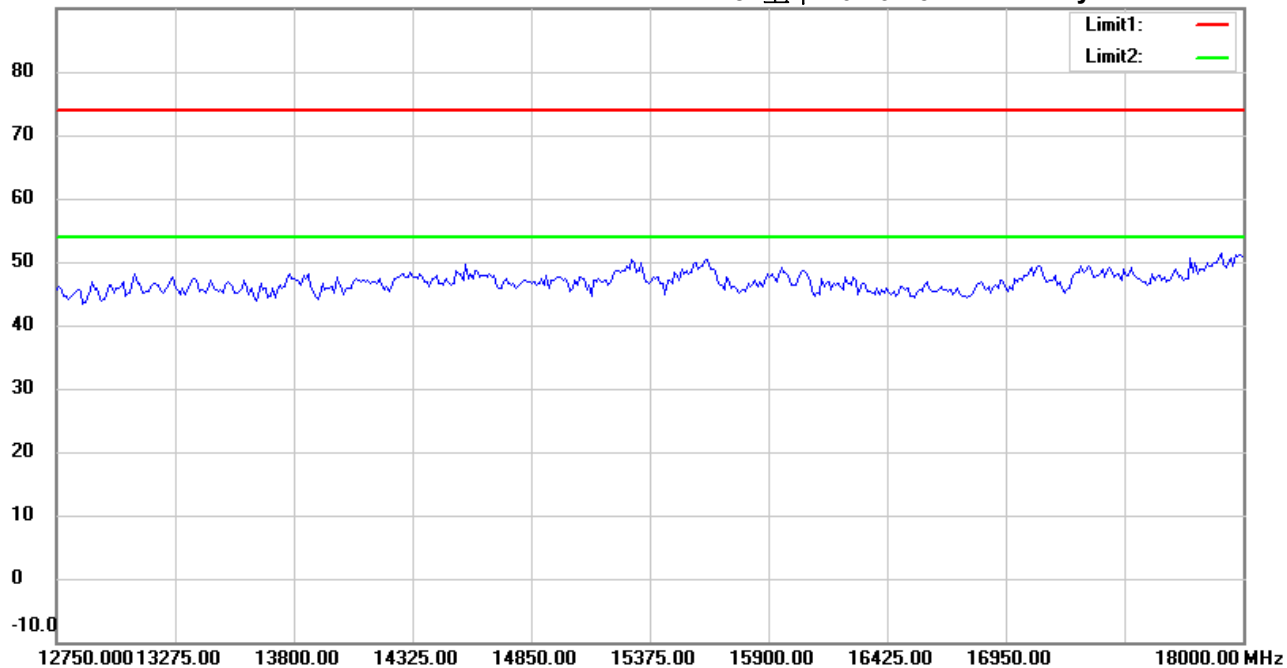
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:19:25

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

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

Operator: Nelson

File : 3

Data : #5

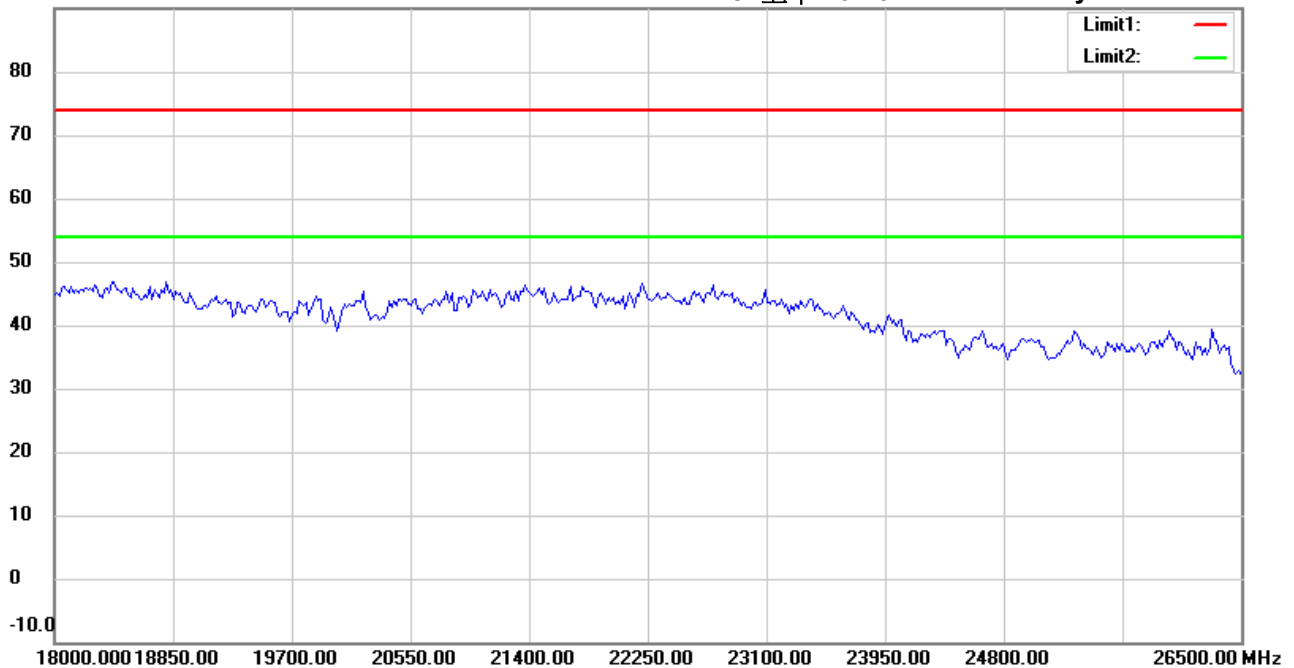
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:16:22

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 3.7 Vd.c.

Distance: 3m

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

Operator: Nelson

File : 3

Data : #10

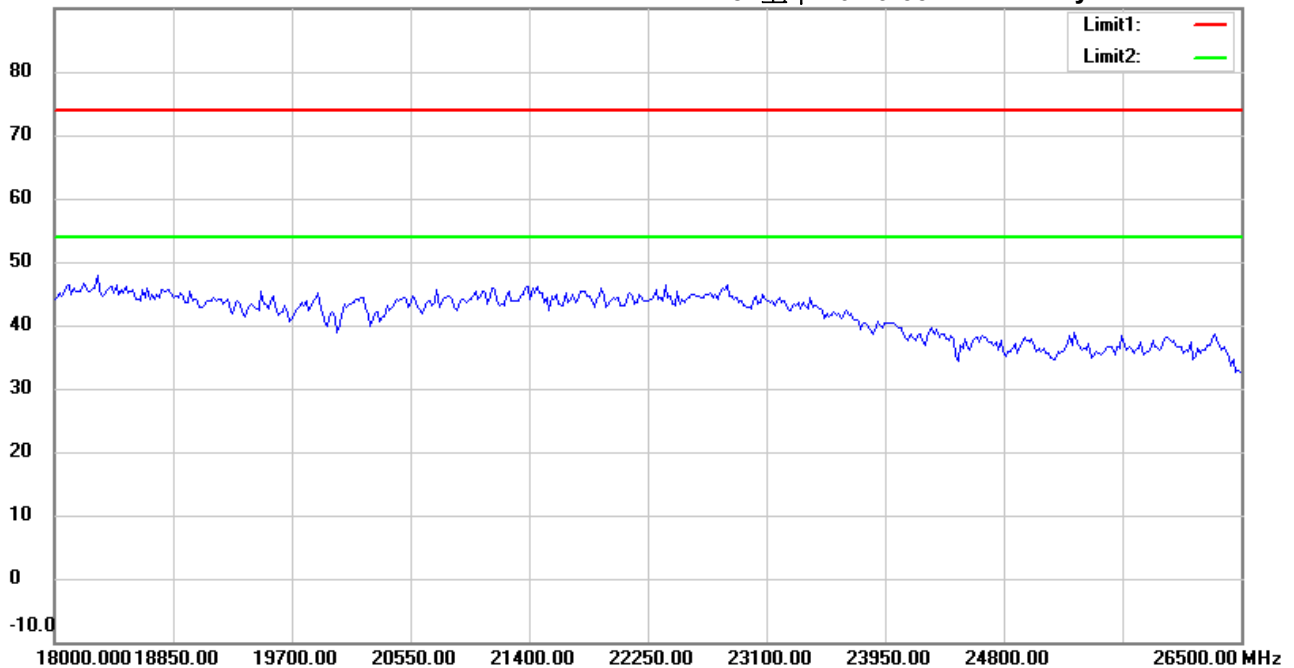
Date: 2017/5/9

Temperature: 24 °C

90.0 dBuV/m

Time: 上午 10:19:35

Humidity: 60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21703-16710

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 3.7 Vd.c.

Distance: 3m

Mk.	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