

FCC PART 15 SUBPART C TEST REPORT

for

A03595

Model No.: A03595

FCC ID: IPH-03595

of

Applicant: **Garmin International Inc.**

Address: **1200 East 151st Street Olathe, KS 66062 United States**

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: TW1477, TW0020, TW1072

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

A2LA Accredited No.: 2732.01



Report No.: W6M21804-18009-C-9

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

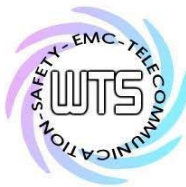
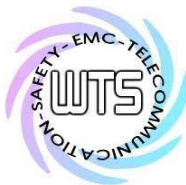


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1 General Information

1.1 Notes

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

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

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

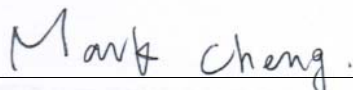
Neither is there any guarantee that such a test sample will interwork with other genuinely open systems. The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications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

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

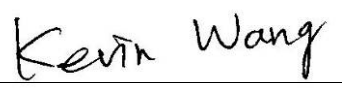
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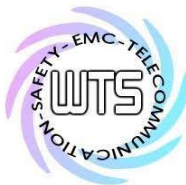
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Tester:

July 03, 2018	Mark Cheng	
Date	WTS-Lab. Name	Signature

Technical responsibility for area of testing:

July 03, 2018	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. TW1477, TW0020, TW1072

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

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

Name: ./.

Accredited number: ./.

Street: ./.

Town: ./.

Country: ./.

Telephone: ./.

Fax: ./.

1.3 Details of approval holder

Name: Garmin International Inc.

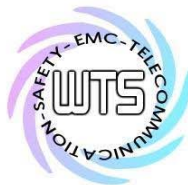
Street: 1200 East 151st Street

Town: Olathe, KS 66062

Country: United States

Telephone: 1-913-397-8200

Fax: 1-913-397-8282



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1.4 Application details

Date of receipt of test item: May 03, 2018

Date of test: from May 04, 2018 to July 03, 2018

1.5 General information of Test item

Type of test item: A03595

Model Number: A03595

Multi-listing model number: ./.

Photos: see Annex

Technical data

Frequency band: 902-928 MHz

Operation Frequency: 902.5-927.5 MHz

Frequency 1: 902.5 MHz

Frequency 2: 915 MHz

Frequency 3: 927.5 MHz

Frequency band: 2400-2483.5 MHz

Operation Frequency: 2402-2479 MHz

Frequency 1: 2402 MHz

Frequency 2: 2457 MHz

Frequency 3: 2479 MHz

Operation modes: Duplex

Modulation Type: PSK / GFSK

Antenna type: Monopole antenna for 902.5-927.5 MHz

Print-F antenna for 2402-2479 MHz

Power supply: Adaptor (I/P: 100-240V~300mA, 50-60Hz, 12-18VA
O/P: 5V, 1A MAX)

Battery 1.5 VDC x 2

DC: 10-30V

Manufacturer: (if different from applicant)

Name: Garmin Corporation

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

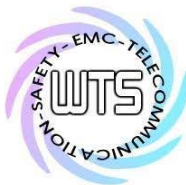
Town: New Taipei City 221,

Country: Taiwan (R.O.C.)

Additional information: ./.

1.6 Test standards

Technical standard : FCC RULES PART 15 SUBPART C § 15.249 (2017-10)



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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

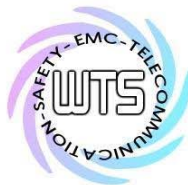
Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Details Power supply: Adaptor (I/P: 100-240V~300mA, 50-60Hz, 12-18VA
O/P: 5V, 1A MAX)
Battery 1.5 VDC x 2
DC: 10-30V

Extreme conditions parameters: Not required

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission	Expanded Uncertainty : 1.54 dB
Estimation Result of Uncertainty of Radiated Emission(3M)	Expanded Uncertainty : 0.009-30 MHz : 2.17 dB 30-1000 MHz : 3.57 dB 1-18 GHz : 2.60 dB 18-40 GHz : 2.58 dB
Estimation Result of Uncertainty of Conducted Output Power Measurement Output power	Expanded Uncertainty : 1.01 dB
Estimation Result of Uncertainty of Band Edge Measurement	Expanded Uncertainty : 0.98 dBc



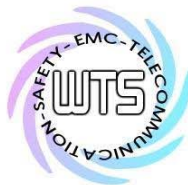
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2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2018/5/30	2019/5/29
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 004	ZWEILEITER-V-NETZNACHBILDUNG TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2017/10/26	2018/10/25
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2017/8/22	2018/8/21
ETSTW-CE 008	HF-EICHLITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function Test	
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2017/7/14	2018/7/13
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2017/8/31	2018/8/30
ETSTW-CE 028	MXE EMI Receiver	N9038A	MY53220110	Agilent	2018/7/2	2019/7/1
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2018/5/30	2019/5/29
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2018/5/21	2019/5/20
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2017/8/25	2018/8/24
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	2018/7/2	2019/7/1
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2018/7/2	2019/7/1
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2018/3/26	2019/3/25
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2018/1/23	2019/1/22
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2018/4/13	2019/4/12
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2018/4/26	2019/4/25
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2018/3/1	2019/2/28
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2018/3/1	2019/2/28
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2018/3/1	2019/2/28
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2018/3/6	2019/3/5
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2018/3/1	2019/2/28
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2018/3/30	2019/3/29
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	2017/9/11	2018/9/10
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2017/9/19	2018/9/18
ETSTW-RE 091	Match Pad	MDCS1500	None	WOKEN	2018/4/16	2019/4/15
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2018/2/23	2019/2/22

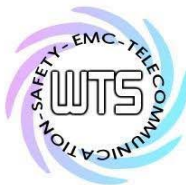


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ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2018/1/15	2019/1/14
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2018/5/29	2019/5/28
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2017/8/9	2018/8/8
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2017/8/9	2018/8/8
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2018/2/27	2019/2/26
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2017/8/9	2018/8/8
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2017/8/9	2018/8/8
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-RE 142	Amplifier	8447D	2805A03378	Agilent	2018/3/30	2019/3/29
ETSTW-RE 147	Bi-log Hybrid Antenna	MCTD 2786B	BLB16M04005	ETC	2018/3/23	2019/3/22
ETSTW-RE 151	Thermohygrometer	608-h1	45104376	TESTO	2017/8/30	2018/8/29
ETSTW-EMI 011	USB Compact Modulator	SFC-U	101689	R&S	2018/5/10	2019/5/9
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2018/2/27	2019/2/26
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2018/3/2	2019/3/1
ETSTW-GSM 004	Wideband Radio Communication Tester	CMW500	128092	R&S	2017/10/16	2018/10/15
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2018/1/11	2019/1/10
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2018/1/11	2019/1/10
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2018/1/11	2019/1/10
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2018/1/11	2019/1/10
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2017/9/13	2018/9/12
ETSTW-GSM 024	Radio Communication Analyzer	MT8821C	None	Anritsu	2018/3/7	2019/3/6
ETSTW-Cable 011	SMA to N type Cable	RGU-400	None	THERMAX	Pre-test Use NCR	
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2018/2/22	2019/2/21
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2018/2/22	2019/2/21
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2018/2/22	2019/2/21
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2018/2/22	2019/2/21
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2018/7/2	2019/7/1
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2018/2/27	2019/2/26
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2018/5/14	2019/5/13
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2017/9/7	2018/9/6
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2017/9/7	2018/9/6
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S Cable 9)	279067	HUBER+SUHNER	2018/2/27	2019/2/26
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104 (S Cable 10)	238092	HUBER+SUHNER	2018/3/30	2019/3/29
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2018/3/30	2019/3/29
ETSTW-Cable 048	Microwave Cable	SUCOFLEX 104	325519	HUBER+SUHNER	2018/3/30	2019/3/29

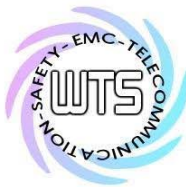


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ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2018/6/9	2019/6/8
ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2018/3/30	2019/3/29
ETSTW-Cable 066	SMA type cable	32022	None	ASTROLAB	2017/8/31	2018/8/30
ETSTW-Cable 071	N TYPE CABLE	EMCCFD400-NM-NM-25000	170239	EMCI	2018/6/9	2019/6/8
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 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 dBμV) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB.

Example:

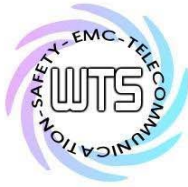
Freq (MHz)	METER READING + ACF + CABLE LOSS (to the receiver) = FS
33	20 dBμV + 10.36 dB + 6 dB = 36.36 dBμV/m @3m

ANSI STANDARD C63.10-2013 6.2.2 MEASUREMENT PROCEDURES: The EUT was placed on a table 80 cm height and with dimensions of 1m by 1.5m (non metallic table). The EUT was placed in the centre of the table. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to 10th harmonic of the fundamental.

Peak readings were taken in three (3) orthogonal planes and the highest readings.

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

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

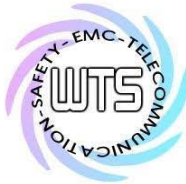


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3 Test results (enclosure)

Test case	Para. Number	Required	Test passed	Test failed
Peak Output Power	15.249 (a)	☒	☒	☐
Spurious Emissions radiated – Transmitter operating	15.249 (e)	☒	☒	☐
Spurious Emissions conducted – Transmitter operating	15.249 (e)	☐	☐	☐
Radiated Emission from Digital Part	15.109	☐	☐	☐
Out of Band Spurious Emission, Band edge-Transmitter operating,	15.249 (e)	☒	☒	☐
Power Line Conducted Emission	15.207	☒	☒	☐

The following is intentionally left blank.



Registration number: W6M21804-18009-C-9

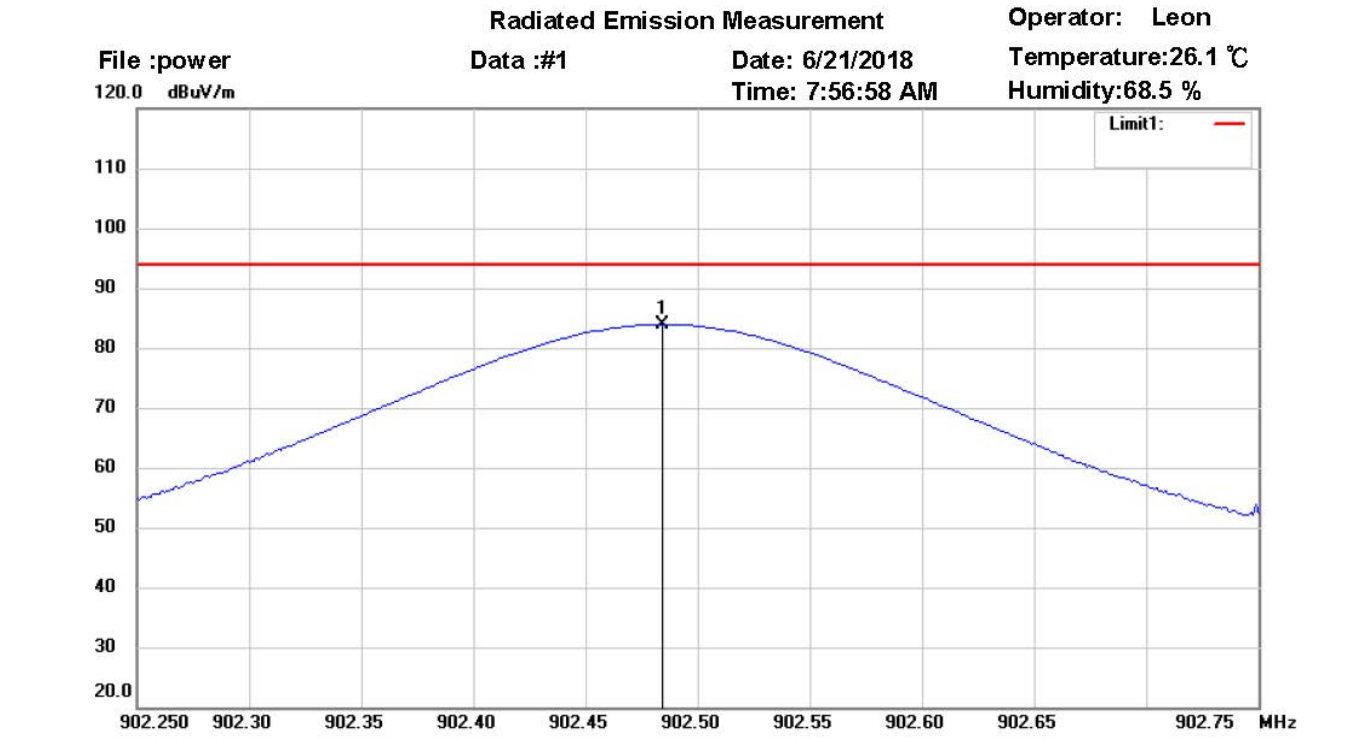
FCC ID: IPH-03595

3.1 Peak Output Power (transmitter)

FCC Rule: 15.249 (b)

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).



Site : Chamber

Condition : FCC 15.249 power(902-928)_QP

EUT : W6M21804-18009

M/N:

Test Mode : TX 902.5MHz

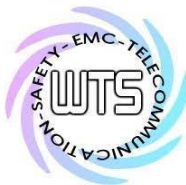
Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	902.4845	51.05	QP	32.89	83.94	94.00	165	280	-10.06	



Worldwide Testing Services(Taiwan) Co., Ltd.

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Radiated Emission Measurement

Operator: Leon

File :power

Data :#2

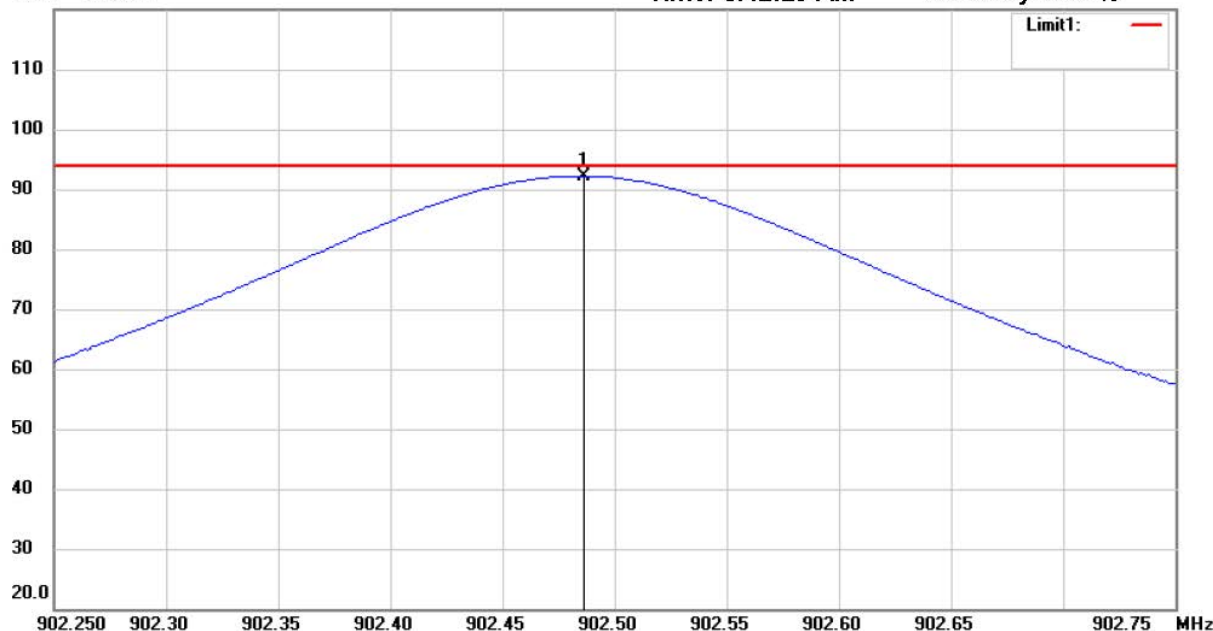
Date: 6/21/2018

Temperature:26.1 °C

120.0 dBuV/m

Time: 8:12:25 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 power(902-928)_QP

EUT : W6M21804-18009

M/N:

Test Mode : TX 902.5MHz

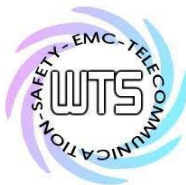
Note :

Polarization: *Vertical*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	902.4865	59.35	QP	32.89	92.24	94.00	120	290	-1.76	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Leon

File :power

Data :#1

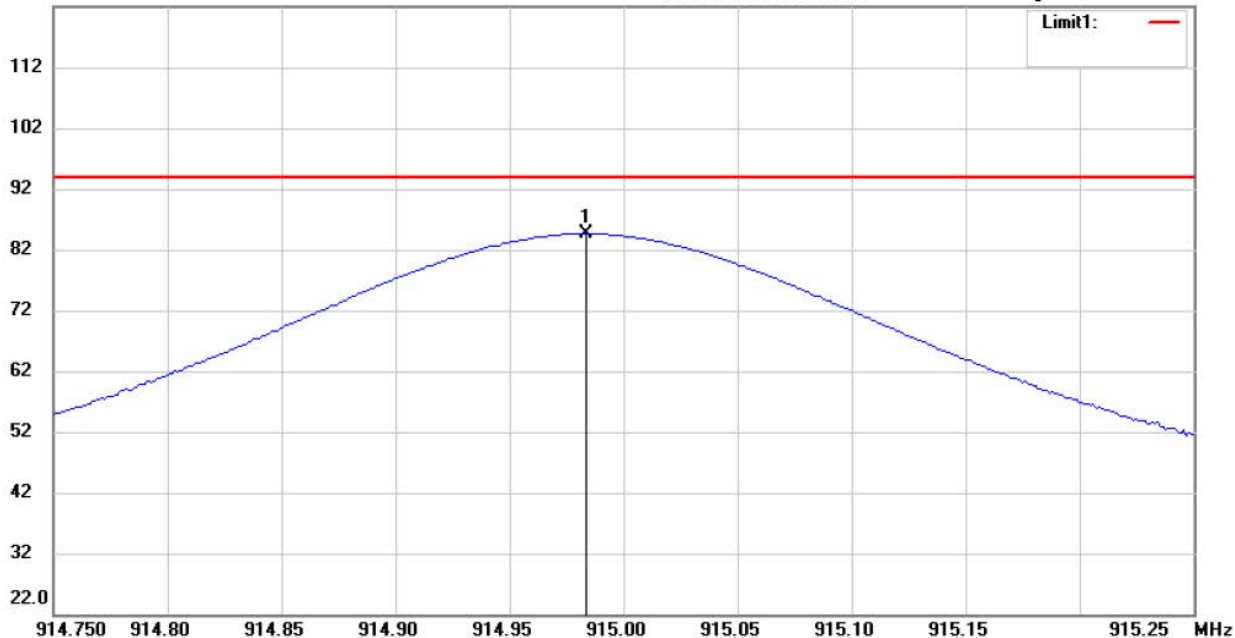
Date: 6/21/2018

Temperature:26.1 °C

122.0 dBuV/m

Time: 8:23:02 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 power(902-928)_QP

Polarization: *Horizontal*

EUT : W6M21804-18009

Power : 3 Vd.c.

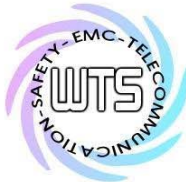
M/N:

Distance: 3m

Test Mode : TX 915MHz

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
*	914.9835	51.55	QP	33.09	84.64	94.00	155	275	-9.36	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Leon

File :power

Data :#2

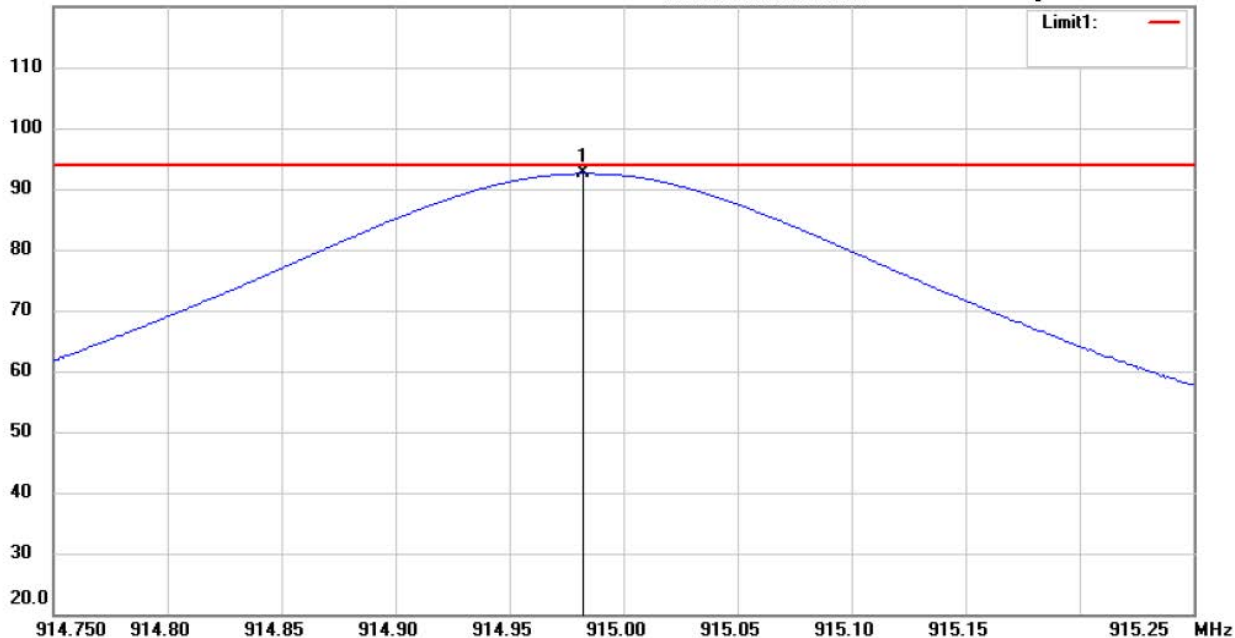
Date: 6/21/2018

Temperature:26.1 °C

120.0 dBuV/m

Time: 8:25:35 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 power(902-928)_QP

Polarization: **Vertical**

EUT : W6M21804-18009

Power : 3 Vd.c.

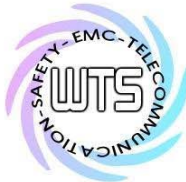
M/N:

Distance: 3m

Test Mode : TX 915MHz

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
*	914.9825	59.43	QP	33.09	92.52	94.00	115	285	-1.48	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Leon

File :power

Data :#1

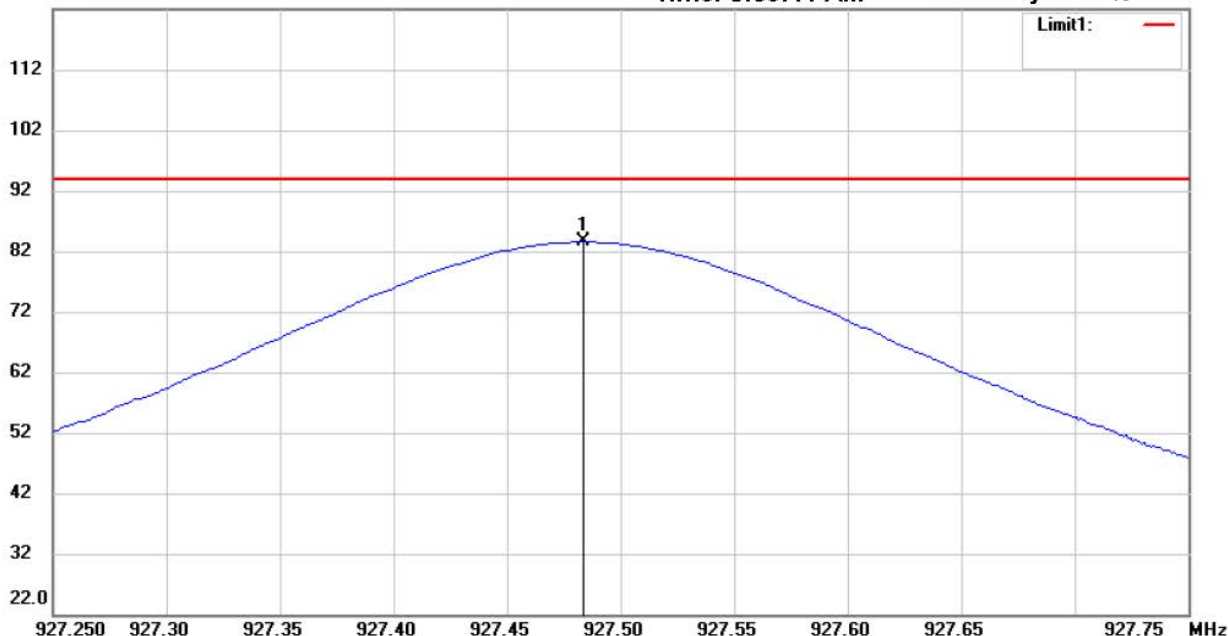
Date: 6/21/2018

Temperature:26.1 °C

122.0 dBuV/m

Time: 8:36:41 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 power(902-928)_QP

Polarization: *Horizontal*

EUT : W6M21804-18009

Power : 3 Vd.c.

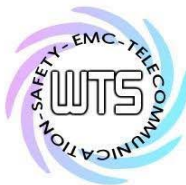
M/N:

Distance: 3m

Test Mode : TX 927.5MHz

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
*	927.4835	50.26	QP	33.29	83.55	94.00	160	280	-10.45	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Leon

File :power

Data :#2

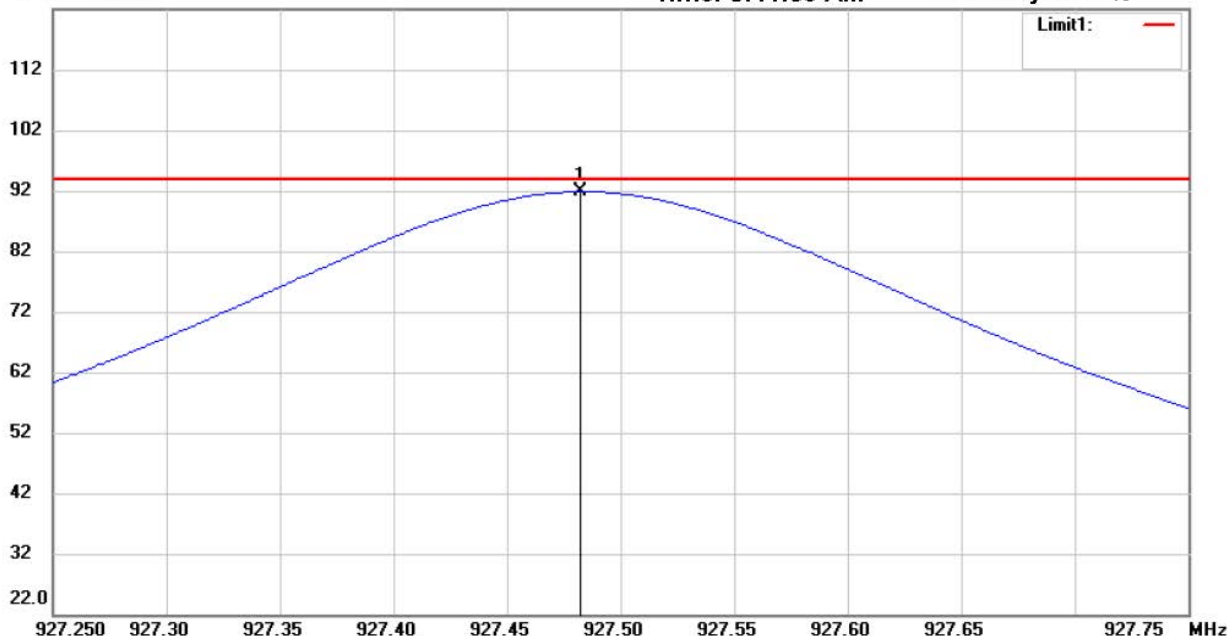
Date: 6/21/2018

Temperature:26.1 °C

122.0 dBuV/m

Time: 8:44:30 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 power(902-928)_QP

Polarization: *Vertical*

EUT : W6M21804-18009

Power : 3 Vd.c.

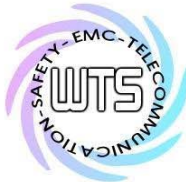
M/N:

Distance: 3m

Test Mode : TX 927.5MHz

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
*	927.4825	58.51	QP	33.29	91.80	94.00	115	290	-2.20	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Vincent

File :Power
130.0 dBuV/m

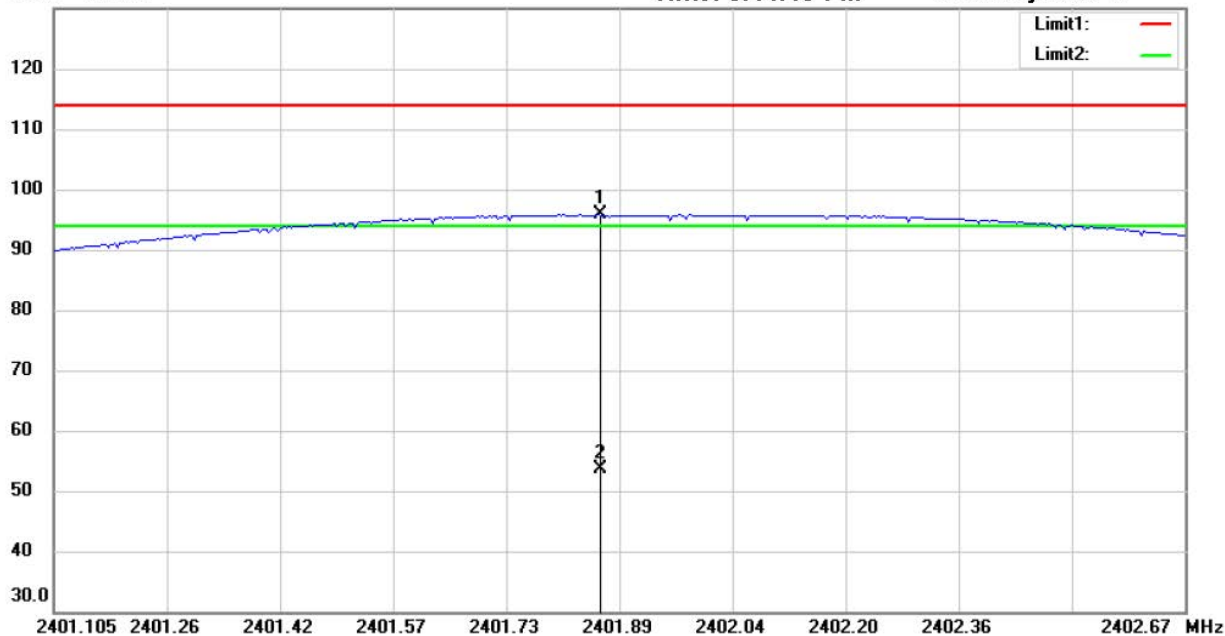
Data :#1

Date: 6/22/2018

Temperature:26.1 °C

Time: 5:41:19 PM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 power_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

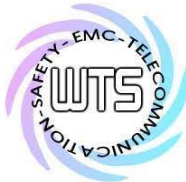
Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2401.857	56.78	peak	39.00	95.78	114.00	155	178	-18.22	
	2401.857	14.71	AVG	39.00	53.71	94.00	155	178	-40.29	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Vincent

File :Power
130.0 dBuV/m

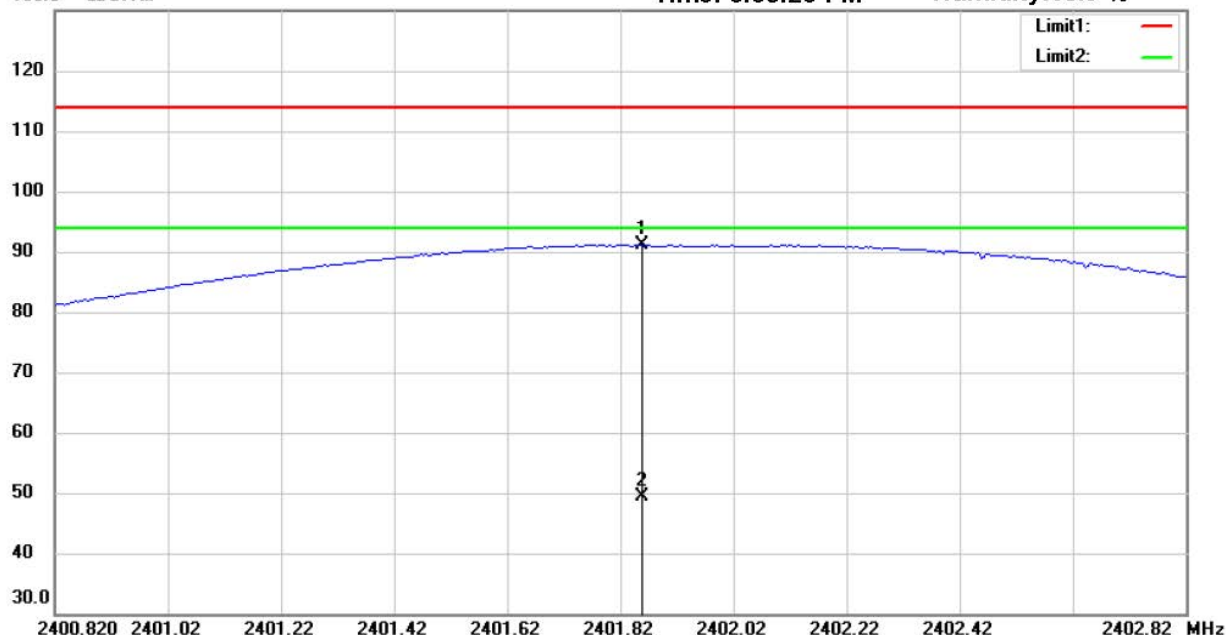
Data :#2

Date: 6/22/2018

Time: 6:03:20 PM

Temperature:26.1 °C

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 power_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

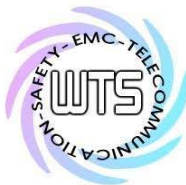
Note :

Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2401.858	52.04	peak	39.00	91.04	114.00	150	359	-22.96	
	2401.858	10.30	AVG	39.00	49.30	94.00	150	359	-44.70	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Vincent

File :Power

Data :#1

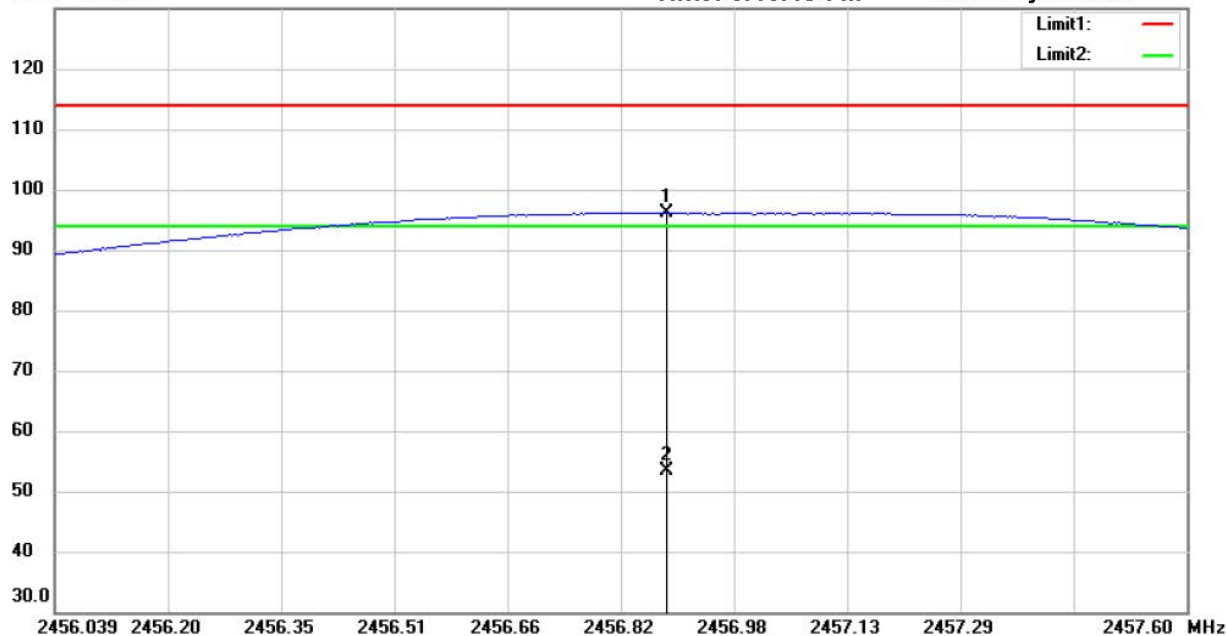
Date: 6/22/2018

Temperature:26.1 °C

130.0 dBuV/m

Time: 6:10:43 PM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 power_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

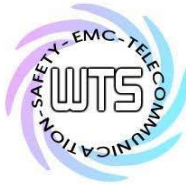
Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2456.884	56.83	peak	39.29	96.12	114.00	178	157	-17.88	
	2456.884	14.19	AVG	39.29	53.48	94.00	178	157	-40.52	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Vincent

File :Power

Data :#2

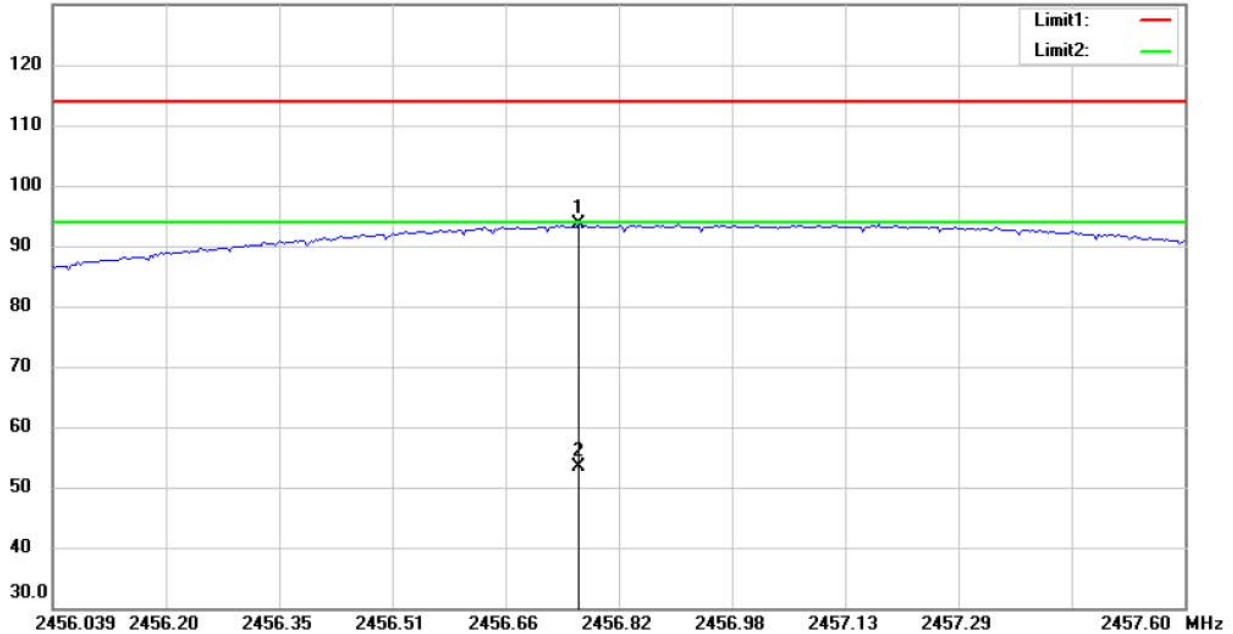
Date: 6/22/2018

Temperature:26.1 °C

130.0 dBuV/m

Time: 6:15:03 PM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 power_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

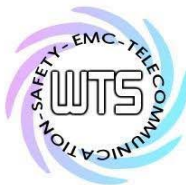
Note :

Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2456.765	54.23	peak	39.29	93.52	114.00	150	26	-20.48	
	2456.765	14.00	AVG	39.29	53.29	94.00	150	26	-40.71	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Vincent

File :Power

Data :#1

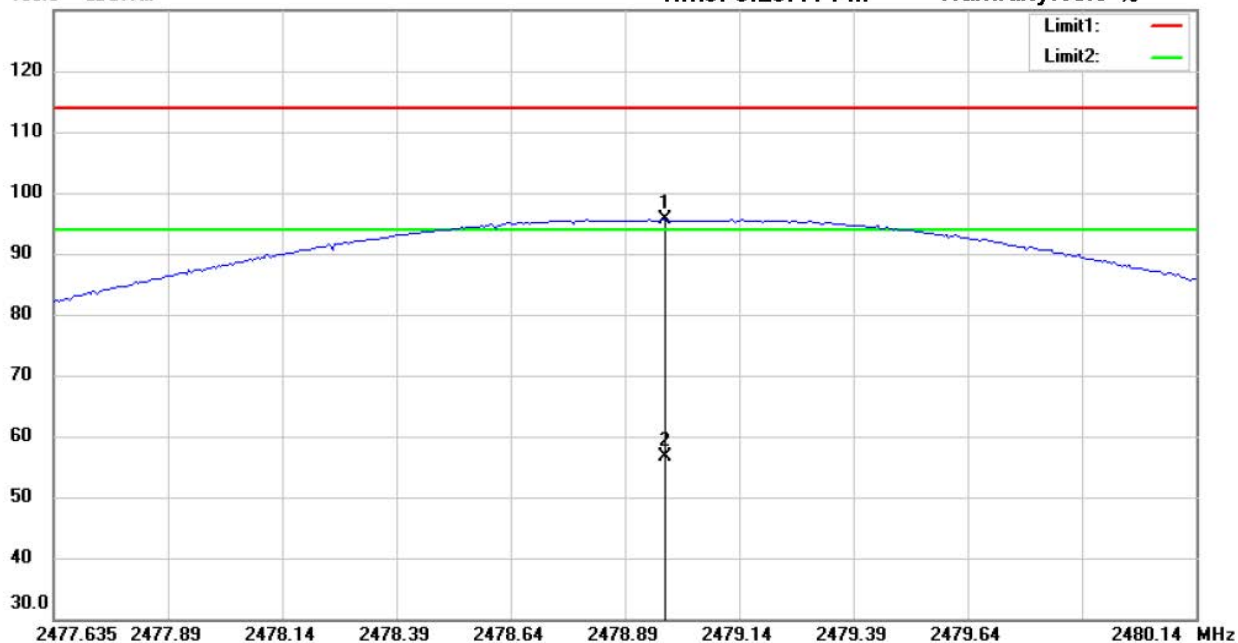
Date: 6/22/2018

Temperature:26.1 °C

130.0 dBuV/m

Time: 6:20:14 PM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 power_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

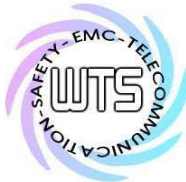
Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2478.968	56.19	peak	39.41	95.60	114.00	178	155	-18.40	
	2478.968	17.25	AVG	39.41	56.66	94.00	178	155	-37.34	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Vincent

File :Power

Data :#2

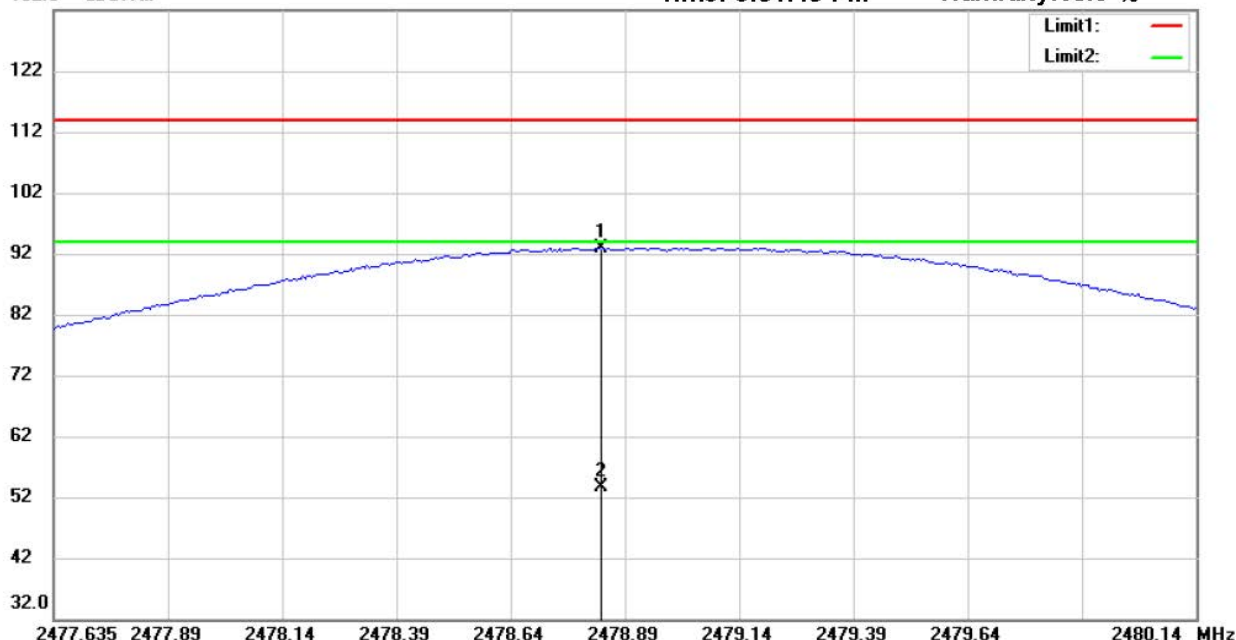
Date: 6/22/2018

Temperature:26.1 °C

132.0 dBuV/m

Time: 6:31:15 PM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 power_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

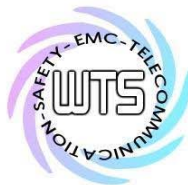
Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2478.828	53.57	peak	39.41	92.98	114.00	150	32	-21.02	
	2478.828	14.25	AVG	39.41	53.66	94.00	150	32	-40.34	

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



Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

3.2 Equivalent isotropic radiated power

Because using an permanent antenna there are no deviations from the radiated test results according 3.1.

3.3 RF Exposure Compliance Requirements

Not applicable for this EUT for the low power level.

3.4 Out of Band Radiated Emissions

FCC Rule: 15.249 (d)(e), 15.35(b)

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

For frequency above 1000 MHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.

Limits:

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	46.5
Above 960	500	54.0

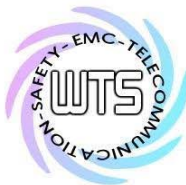
For frequencies above 1 GHz (Peak measurements).

Limit + 20 dB $54.0 \text{ dB}\mu\text{V/m} + 20 \text{ dB} = 74 \text{ dB}\mu\text{V/m}$

Or

Must be attenuated at least 50dB below the level of fundament

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

3.5 Spurious emission (tx)

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

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

For frequencies above 1000 MHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For point-to-point operation, the peak field strength shall not exceed 2500 millivolts/meter at 3 meters along the antenna azimuth.

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

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

The critical peak value listed in the table agree with the above calculated limits.

Summary table with radiated data of the test plots

Model:	A03595	Date:	--						
Mode:	--	Temperature:	--	°C	Engineer:	--			
Polarization:	--	Humidity:	--	%					

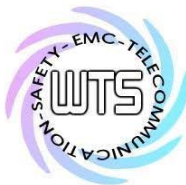
Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

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

- Note**
1. Correction Factor = Antenna factor + Cable loss - Preamplifier
 2. The formula of measured value as: Test Result = Reading + Correction Factor
 3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
 4. All not in the table noted test results are more than 20 dB below the relevant limits.
 5. Measurement uncertainty for 3m measurement: 30-1000 MHz = ± 3.57 dB, 1-18 GHz = ± 2.60 dB, 18-40 GHz = ± 2.58 dB ; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.
 6. Up Line: PK Limit Line, Down Line: Ave Limit Line.
 7. See attached diagrams in appendix.

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

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



Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

3.6 Radiated Emissions from Digital Part

Summary table with radiated data of the test plots

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:

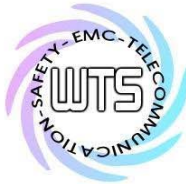
Frequency of Emission (MHz)	Field Strength (microvolts/meter)	Field Strength (dBmicrovolts/meter)
30 – 88	100	40.0
88 – 216	150	43.5
216 – 960	200	46.0
Above 960	500	54.0

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 = ± 3.57 dB, 1-18 GHz = ± 2.60 dB, 18-40 GHz = ± 2.58 dB ; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.**

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

Explanation: The test results are listed in the separated test report no.: W6M21804-18009-P-15B.

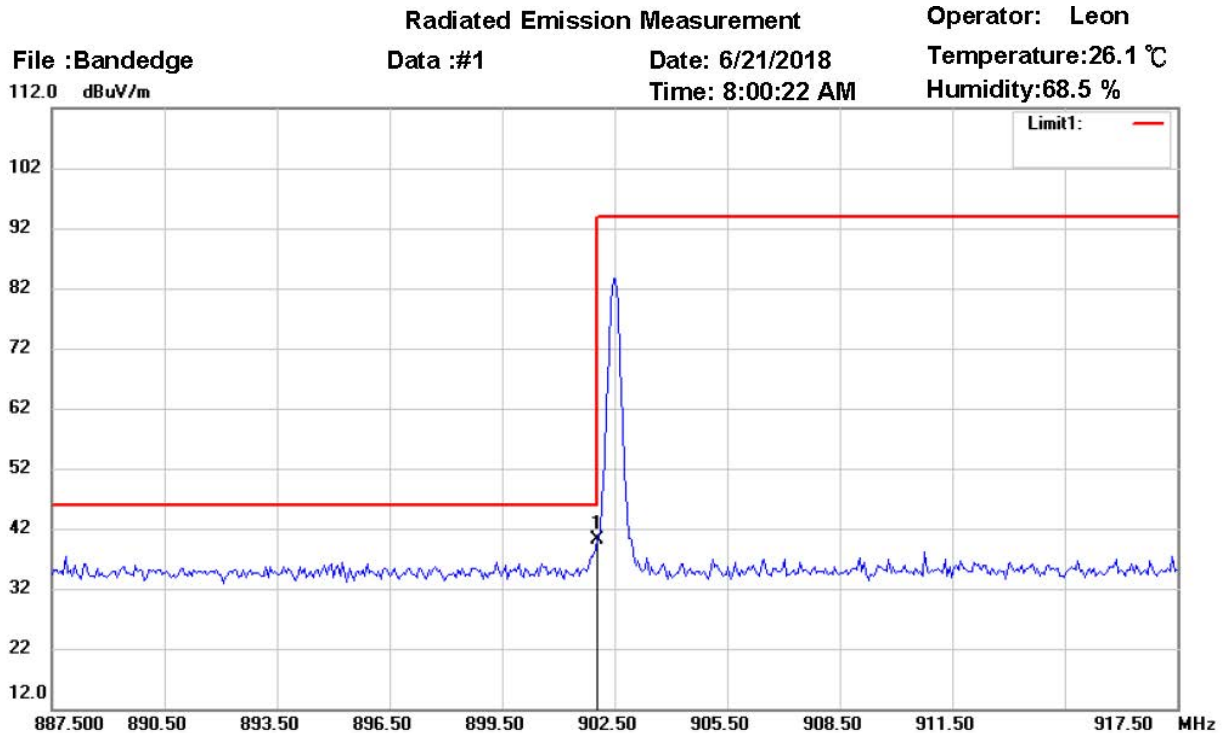


Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

3.7 Radiated Emission on the band edge

From the following plots, they show that the fundamental emissions are confined in the specified band and they are at least 50 dB below the carrier level at band edge (2400 and 2483.5 MHz). It meets the requirement of section 15.249(d).



Site : Chamber

Condition : FCC 15.249 Bandedge(902-928)_QP

EUT : W6M21804-18009

M/N:

Test Mode : TX 902.5MHz

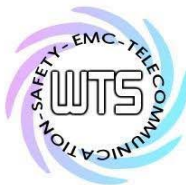
Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	902.0000	7.28	QP	32.88	40.16	46.00	165	280	-5.84	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Leon

File :Bandedge

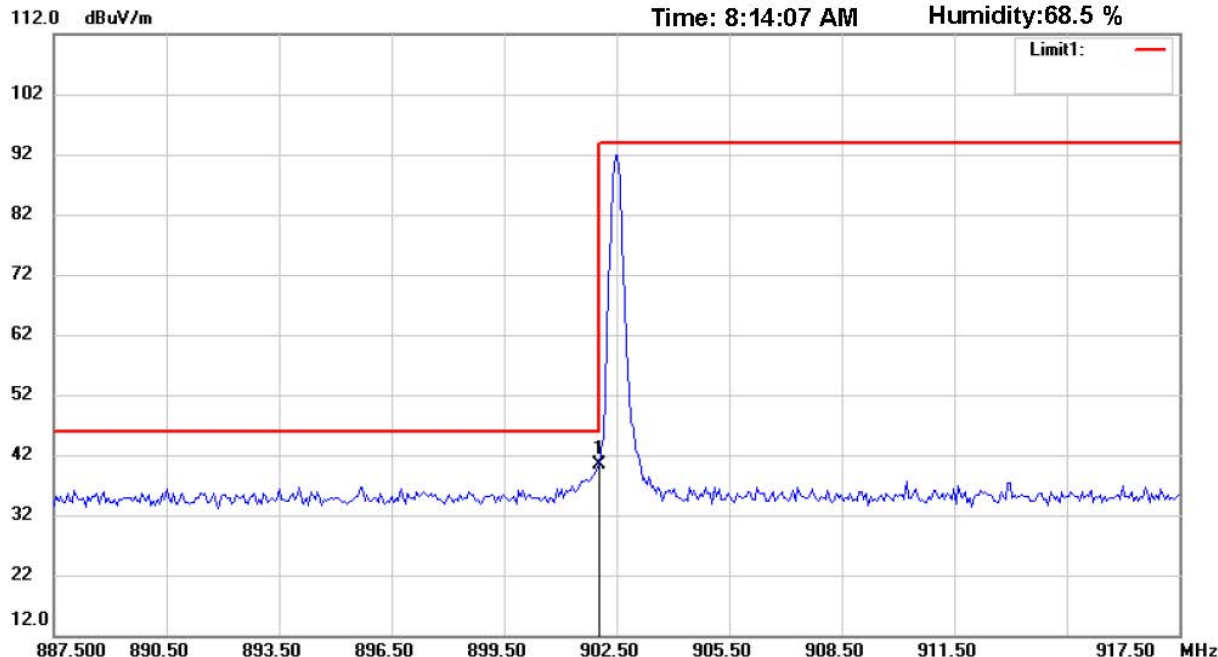
Data :#2

Date: 6/21/2018

Temperature:26.1 °C

Time: 8:14:07 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 Bandedge(902-928)_QP

Polarization: *Vertical*

EUT : W6M21804-18009

Power : 3 Vd.c.

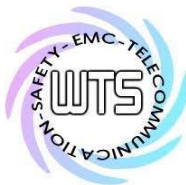
M/N:

Distance: 3m

Test Mode : TX 902.5MHz

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
*	902.0000	7.59	QP	32.88	40.47	46.00	120	290	-5.53	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Sky

File :bandedge

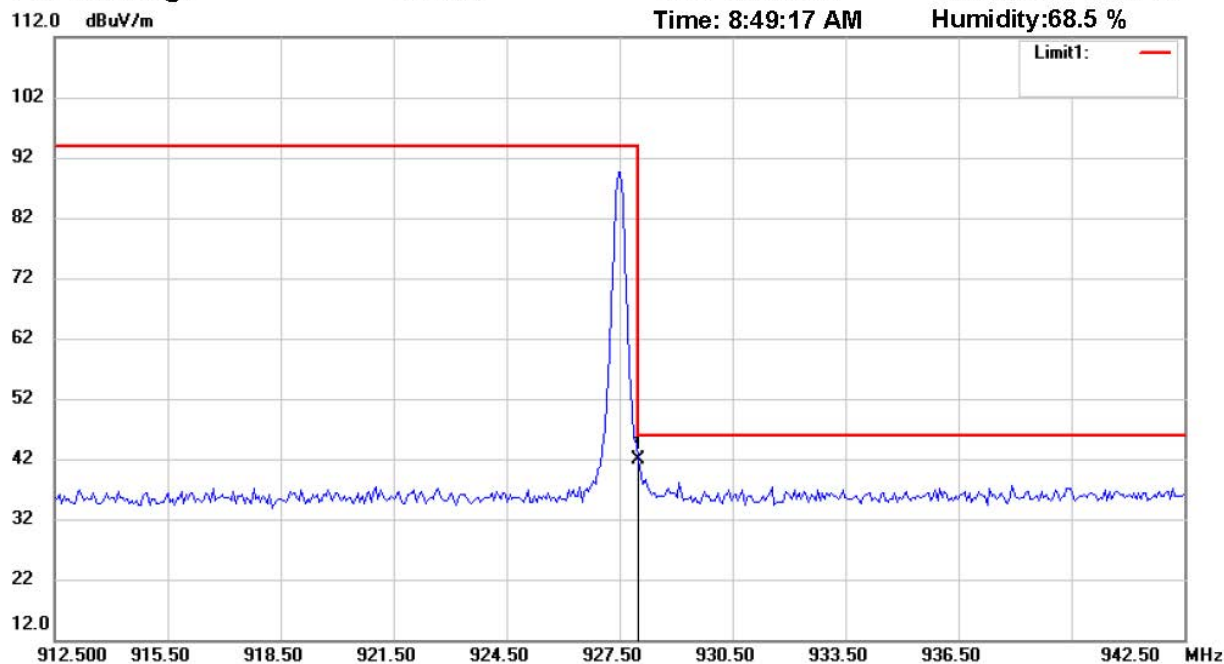
Data :#1

Date: 6/21/2018

Temperature:26.1 °C

Time: 8:49:17 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 Bandedge(902-928)_QP

Polarization: *Horizontal*

EUT : W6M21804-18009

Power : 3 Vd.c.

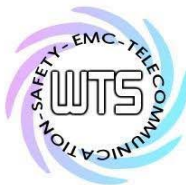
M/N:

Distance: 3m

Test Mode : TX 927.5MHz

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
*	928.0000	8.46	QP	33.30	41.76	46.00	160	280	-4.24	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Sky

File :bandedge

Data :#2

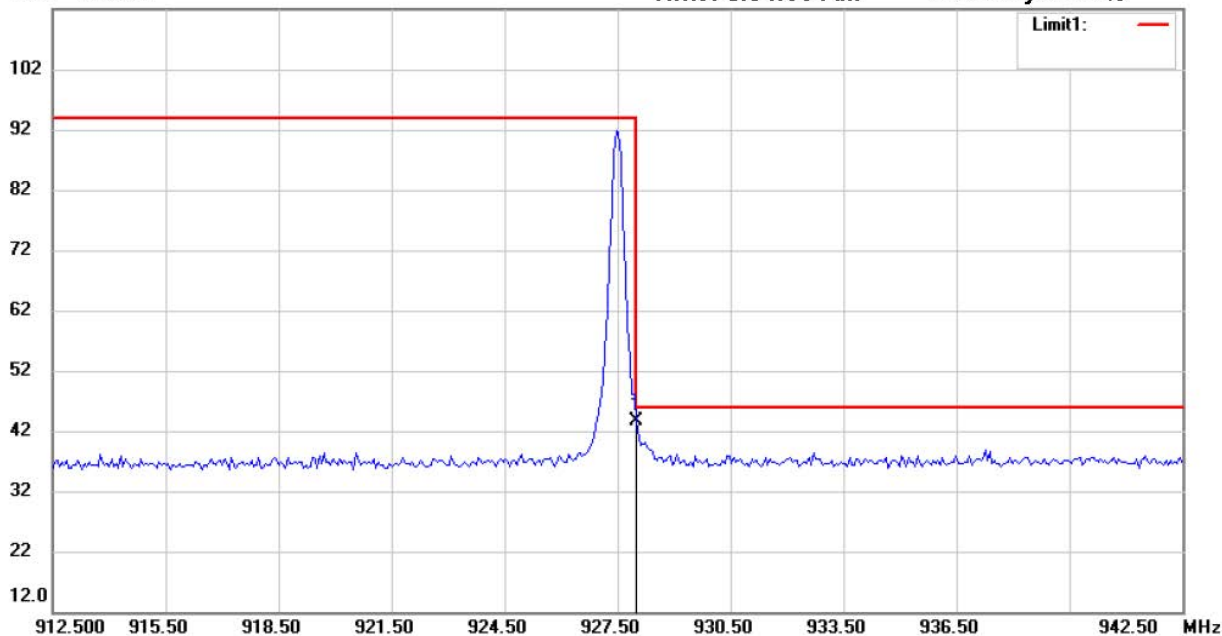
Date: 6/21/2018

Temperature:26.1 °C

112.0 dBuV/m

Time: 8:51:00 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 Bandedge(902-928)_QP

Polarization: *Vertical*

EUT : W6M21804-18009

Power : 3 Vd.c.

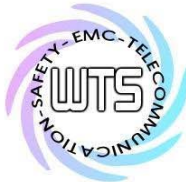
M/N:

Distance: 3m

Test Mode : TX 927.5MHz

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
*	928.0000	10.43	QP	33.30	43.73	46.00	1150	290	-2.27	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Vincent

File :Bandedge

Data :#1

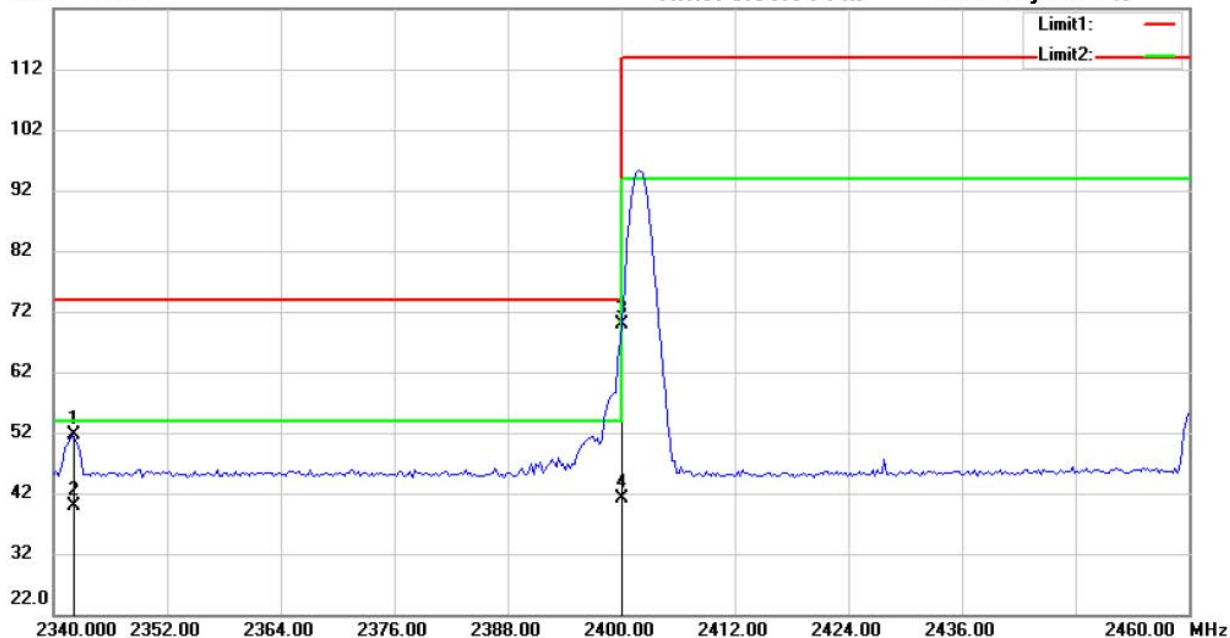
Date: 6/22/2018

Temperature:26.1 °C

122.0 dBuV/m

Time: 5:56:04 PM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

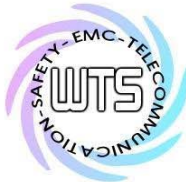
Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2341.924	12.99	peak	38.74	51.73	74.00	155	178	-22.27	
	2341.924	1.25	AVG	38.74	39.99	54.00	155	178	-14.01	
*	2400.000	30.82	peak	38.99	69.81	74.00	155	178	-4.19	
	2400.000	2.26	AVG	38.99	41.25	54.00	155	178	-12.75	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Vincent

File :Bandedge

Data :#2

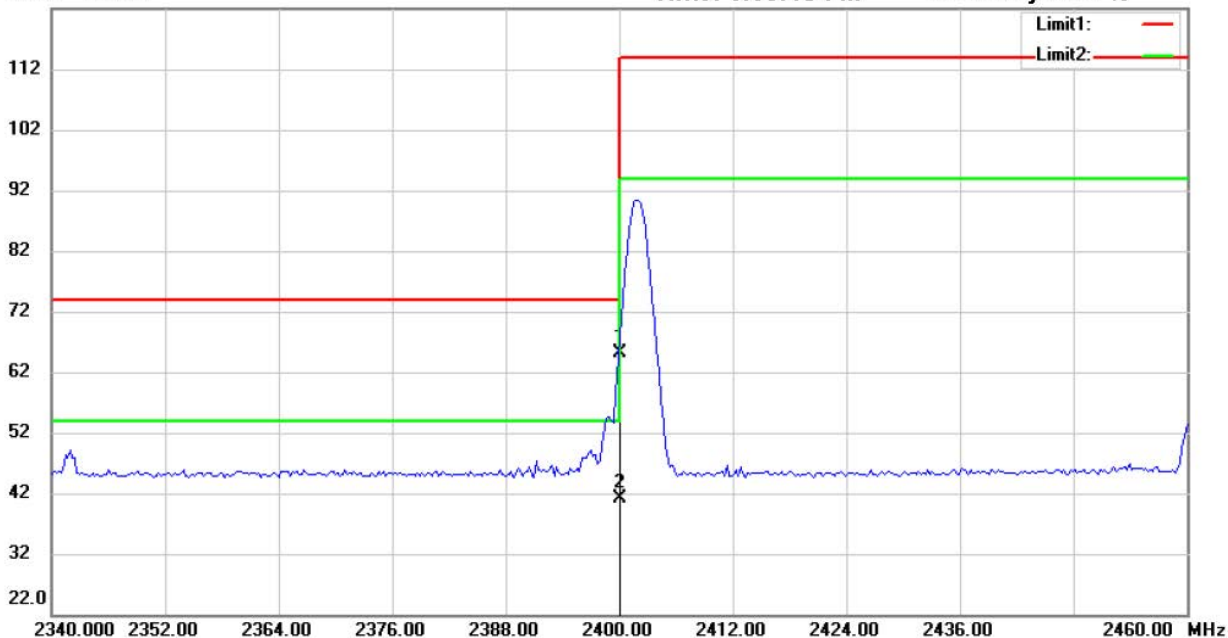
Date: 6/22/2018

Temperature:26.1 °C

122.0 dBuV/m

Time: 6:05:18 PM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

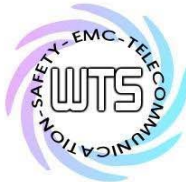
Note :

Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2400.000	26.10	peak	38.99	65.09	74.00	150	359	-8.91	
	2400.000	2.09	AVG	38.99	41.08	54.00	150	359	-12.92	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Vincent

File :Bandedge

Data :#1

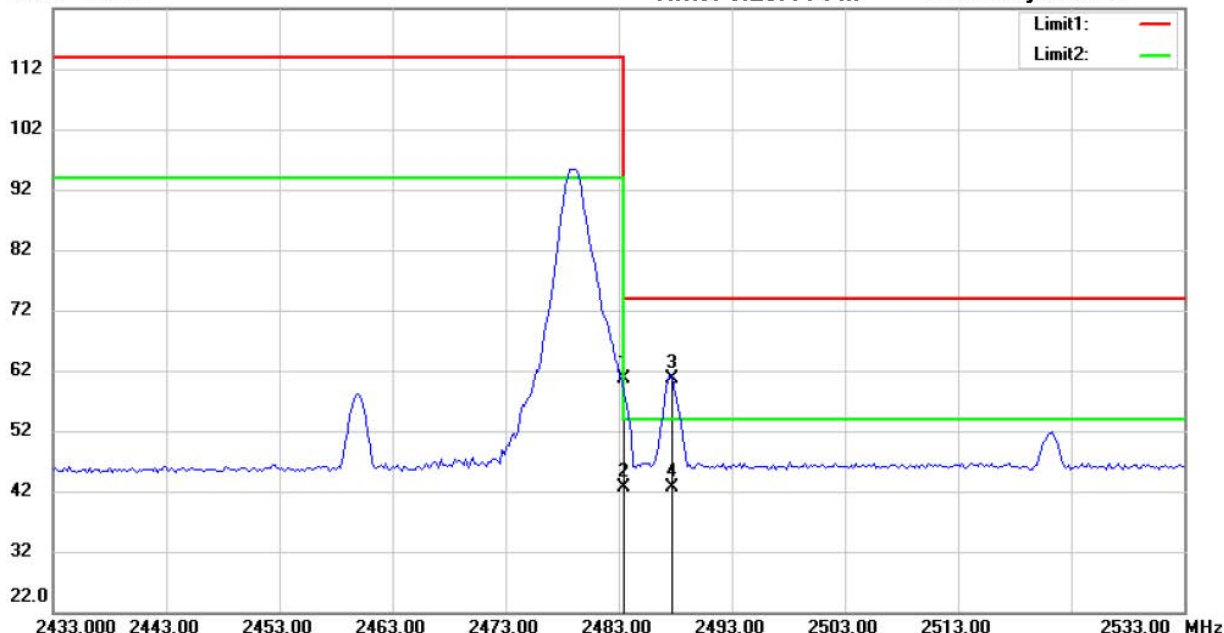
Date: 6/22/2018

Temperature:26.1 °C

122.0 dBuV/m

Time: 6:25:11 PM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 PK (Bandedge)

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

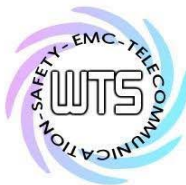
Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	21.26	peak	39.43	60.69	74.00	178	155	-13.31	
*	2483.500	3.14	AVG	39.43	42.57	54.00	178	155	-11.43	
	2487.624	21.17	peak	39.45	60.62	74.00	150	39	-13.38	
	2487.624	3.11	AVG	39.45	42.56	54.00	150	39	-11.44	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Radiated Emission Measurement

Operator: Vincent

File :Bandedge

Data :#2

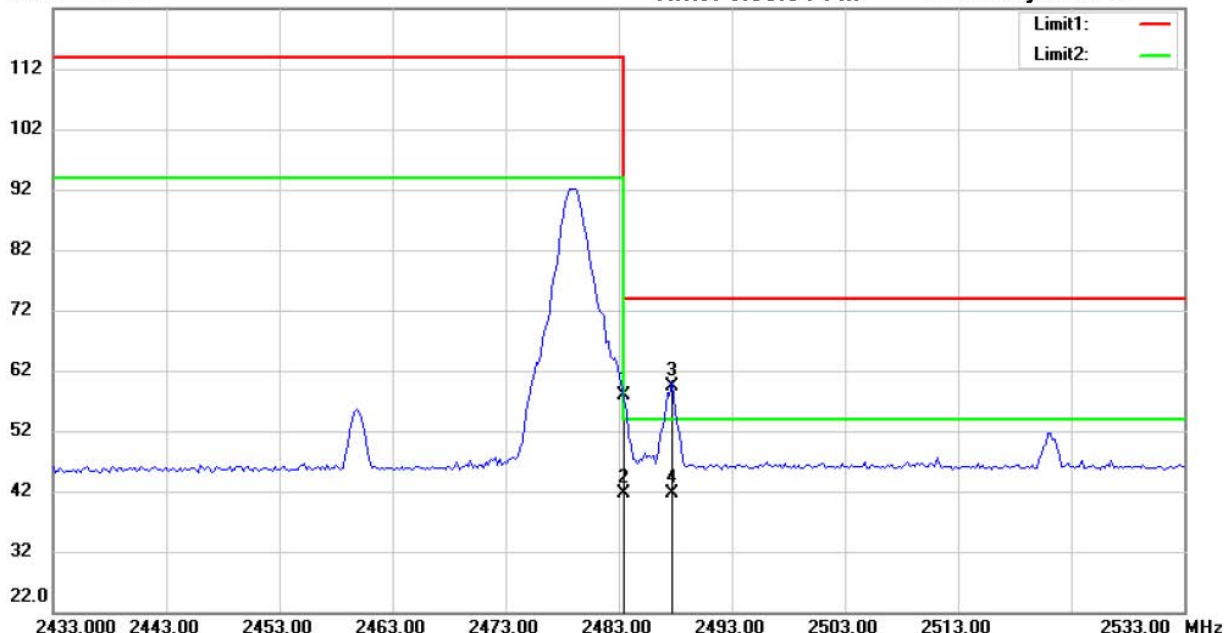
Date: 6/22/2018

Temperature:26.1 °C

122.0 dBuV/m

Time: 6:35:54 PM

Humidity:68.5 %



Site : Chamber

Condition : FCC 15.249 PK (Bandedge)

Polarization: **Vertical**

EUT : W6M21804-18009

Power : 3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 2479MHz

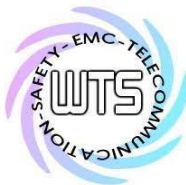
Note :

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
	2483.500	18.56	peak	39.43	57.99	74.00	150	32	-16.01	
*	2483.500	2.16	AVG	39.43	41.59	54.00	150	32	-12.41	
	2487.533	19.98	peak	39.45	59.43	74.00	150	32	-14.57	
	2487.533	2.10	AVG	39.45	41.55	54.00	150	32	-12.45	

Limit:

Frequency Range (MHz)	Limit (dBμV/m)	
	Peak	Average
902 – 928	114	94 _[11]
2400 – 2483.5	74	54
5725 – 5875	74	54

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



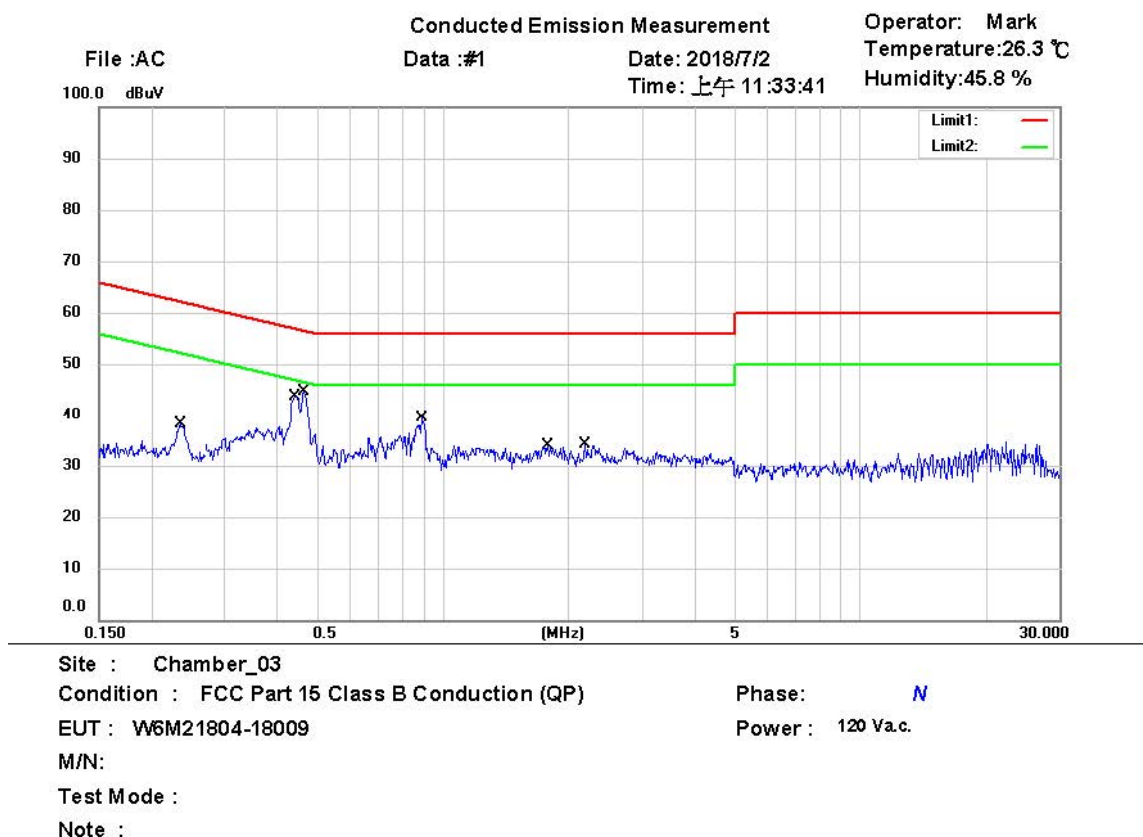
Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

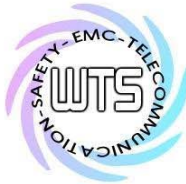
3.8 Power Line Conducted Emission

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

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



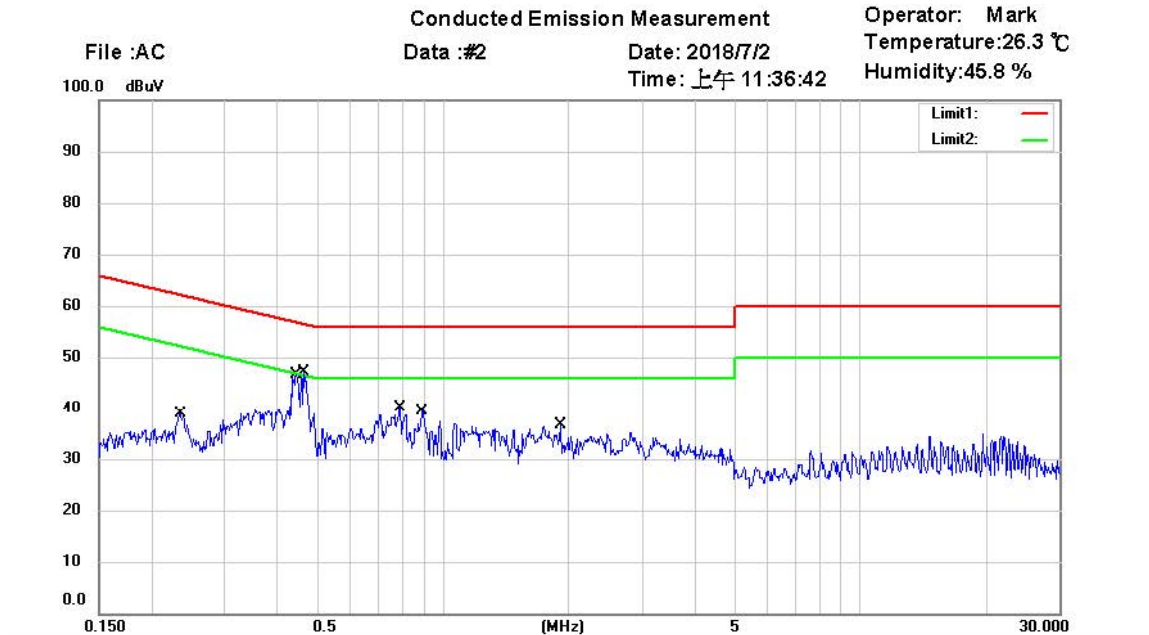
Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.2337	25.23	QP	9.73	34.96	62.32	-27.36	
	0.2337	23.83	AVG	9.73	33.56	52.32	-18.76	
	0.4421	26.74	QP	9.74	36.48	57.02	-20.54	
	0.4421	20.35	AVG	9.74	30.09	47.02	-16.93	
	0.4650	27.95	QP	9.74	37.69	56.60	-18.91	
*	0.4650	20.65	AVG	9.74	30.39	46.60	-16.21	
	0.8915	21.27	QP	9.76	31.03	56.00	-24.97	
	0.8915	9.75	AVG	9.76	19.51	46.00	-26.49	
	1.7780	12.78	QP	9.79	22.57	56.00	-33.43	
	1.7780	-0.20	AVG	9.79	9.59	46.00	-36.41	
	2.1808	14.43	QP	9.81	24.24	56.00	-31.76	
	2.1808	4.81	AVG	9.81	14.62	46.00	-31.38	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M21804-18009

Power : 120 Vac.

M/N:

Test Mode :

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.2330	26.93	QP	9.72	36.65	62.34	-25.69	
	0.2330	25.29	AVG	9.72	35.01	52.34	-17.33	
	0.4464	33.96	QP	9.73	43.69	56.94	-13.25	
*	0.4464	26.62	AVG	9.73	36.35	46.94	-10.59	
	0.4645	31.03	QP	9.73	40.76	56.61	-15.85	
	0.4645	22.27	AVG	9.73	32.00	46.61	-14.61	
	0.7880	24.03	QP	9.74	33.77	56.00	-22.23	
	0.7880	13.90	AVG	9.74	23.64	46.00	-22.36	
	0.8937	24.25	QP	9.74	33.99	56.00	-22.01	
	0.8937	13.09	AVG	9.74	22.83	46.00	-23.17	
	1.9040	16.36	QP	9.79	26.15	56.00	-29.85	
	1.9040	-0.47	AVG	9.79	9.32	46.00	-36.68	

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

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

3. Detector function in the form : PK = Peak, QP = Qusai Peak, AV = Average

4. All not in the table noted test results are more than 20 dB below the relevant limits.

5. Measurement uncertainty = ± 1.54 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.

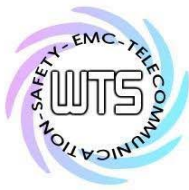
Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Limits:

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

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



Registration number: W6M21804-18009-C-9
FCC ID: IPH-03595

Appendix

Measurement diagrams

Spurious Emissions radiated



Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Appendix

Measurement diagrams

Spurious Emissions radiated



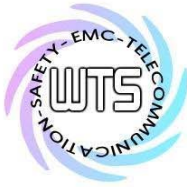
Registration number: W6M21804-18009-C-9

FCC ID: IPH-03595

Appendix

Measurement diagrams

Spurious Emissions radiated



Registration number: W6M21804-18009-C-9
FCC ID: IPH-03595

Appendix

Measurement diagrams

Spurious Emissions radiated _TX_902-928 MHz



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :1

Data :#1

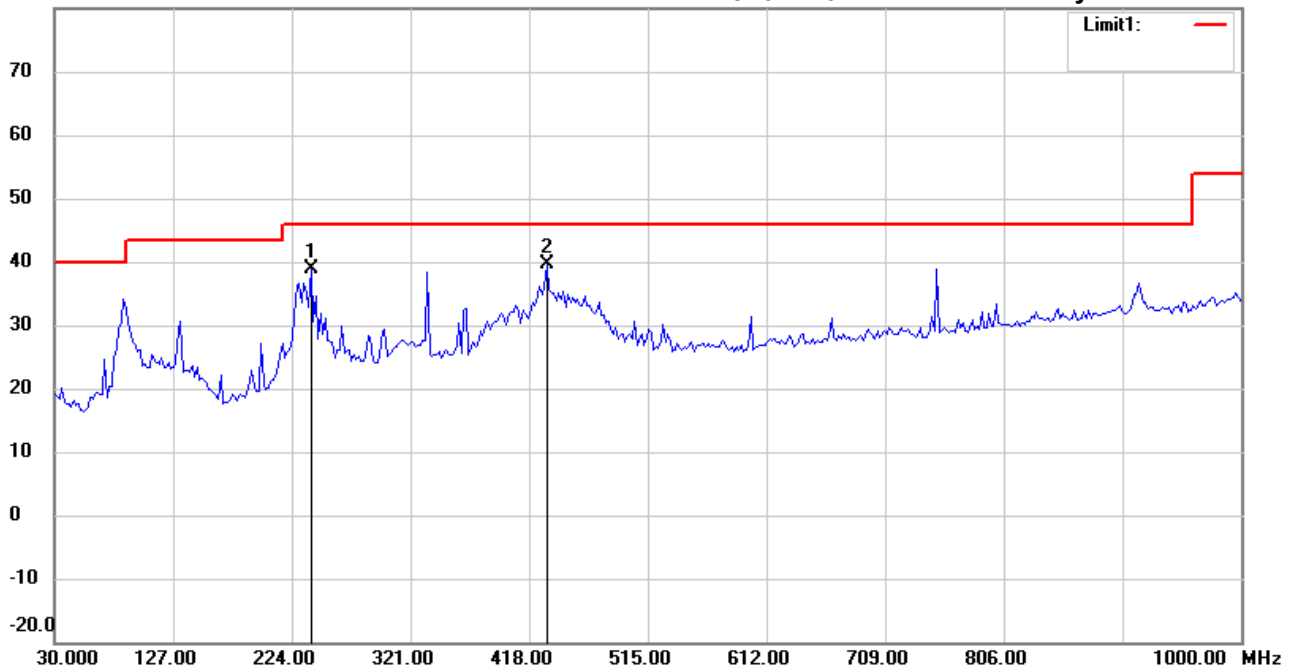
Date: 6/10/2018

Temperature:25.1 °C

80.0 dBuV/m

Time: 9:24:31 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	239.9398	46.70	peak	-7.86	38.84	46.00	100	45	-7.16	
*	432.3847	42.83	peak	-3.19	39.64	46.00	100	170	-6.36	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :1

Data :#2

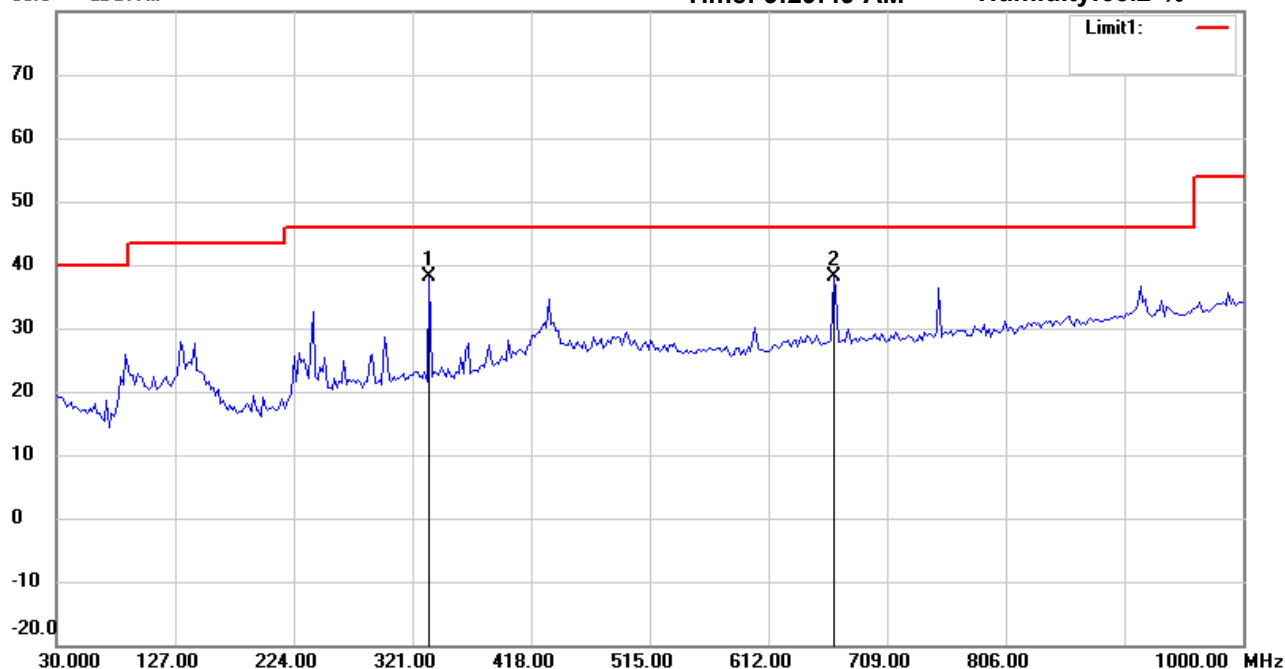
Date: 6/10/2018

Temperature:25.1 °C

80.0 dBuV/m

Time: 9:29:49 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	335.1904	43.02	peak	-4.87	38.15	46.00	100	35	-7.85	
*	665.6512	37.69	peak	0.51	38.20	46.00	100	110	-7.80	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#1

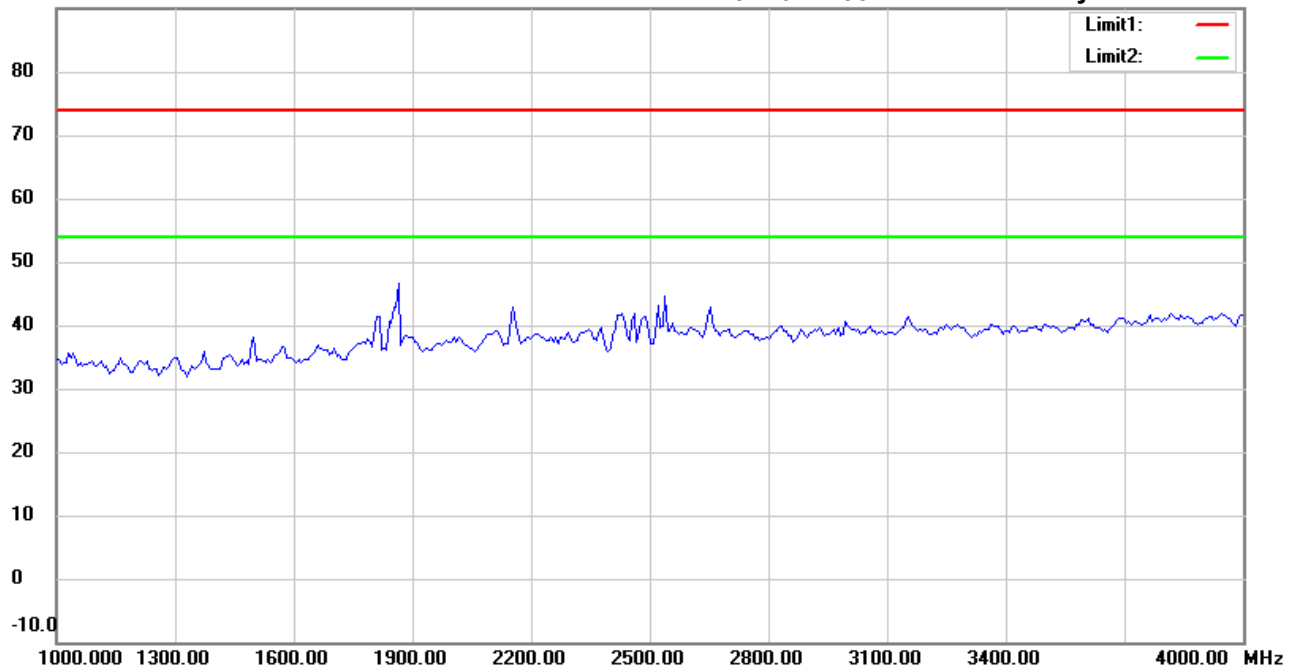
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 10:27:58 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	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:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#6

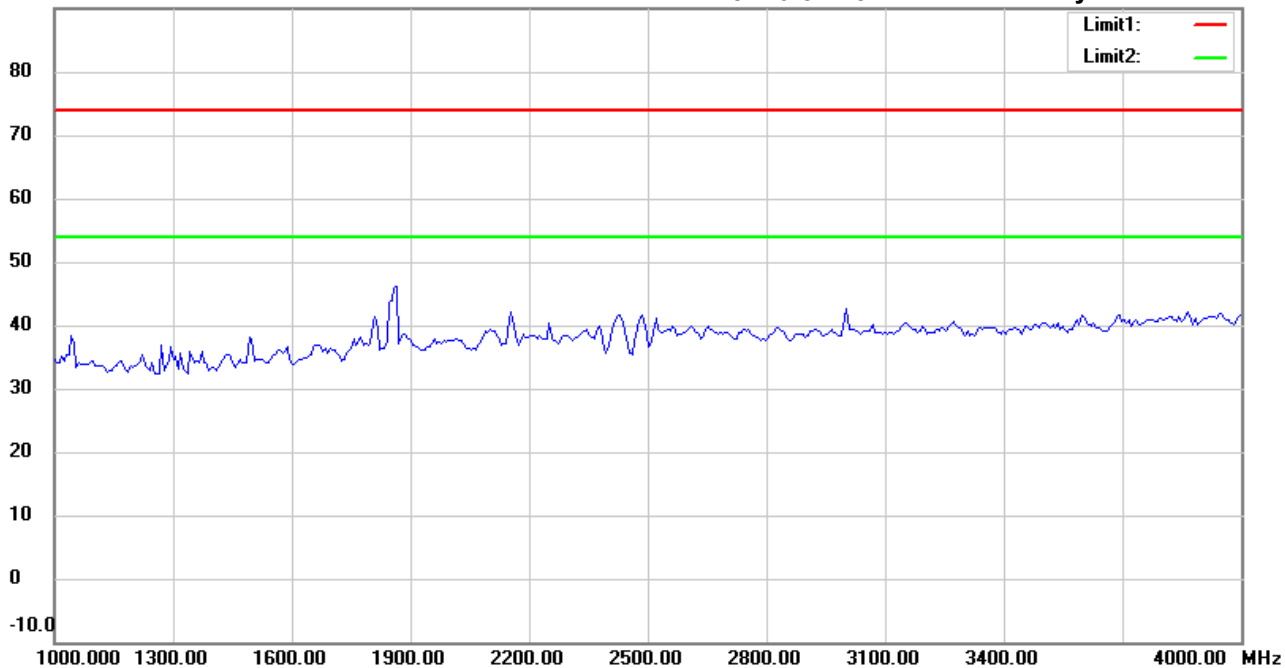
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 10:31:28 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

Distance: 3m

Mk.	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: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#2

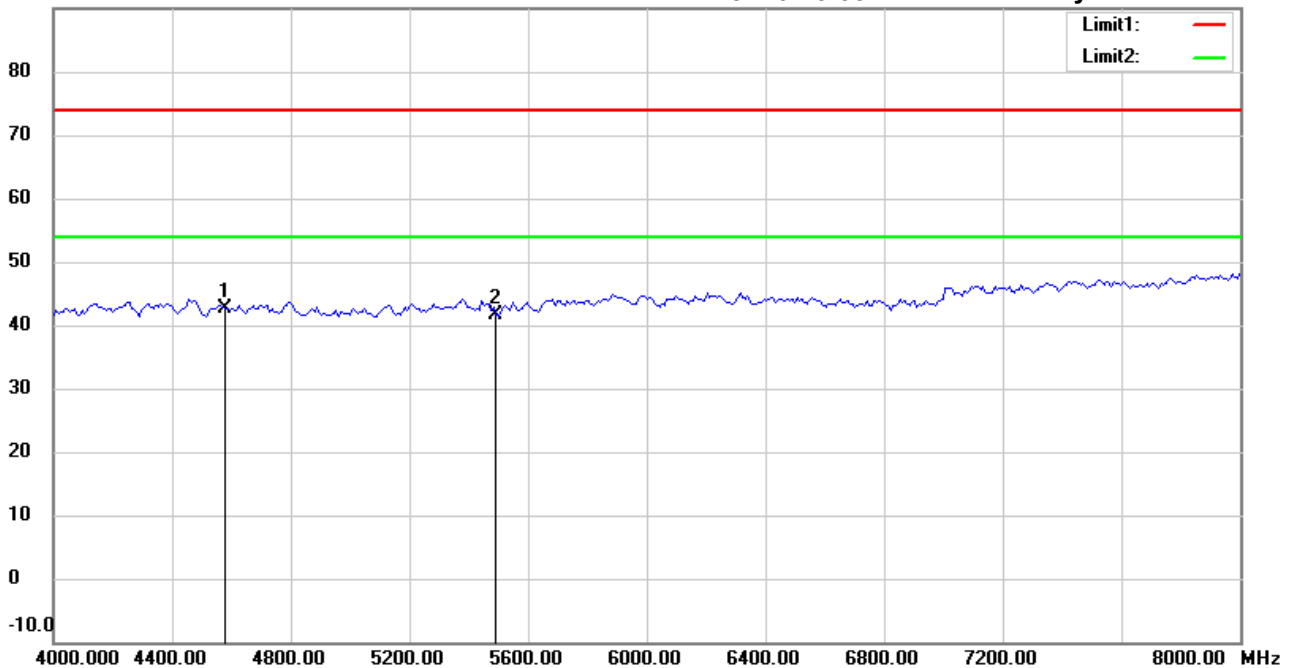
Date: 6/10/2018

Temperature: 25.1 °C

90.0 dBuV/m

Time: 10:28:58 AM

Humidity: 65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: **Horizontal**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4574.950	42.01	peak	0.67	42.68	74.00	150	225	-31.32	
	5489.940	39.29	peak	2.22	41.51	74.00	150	70	-32.49	

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#7

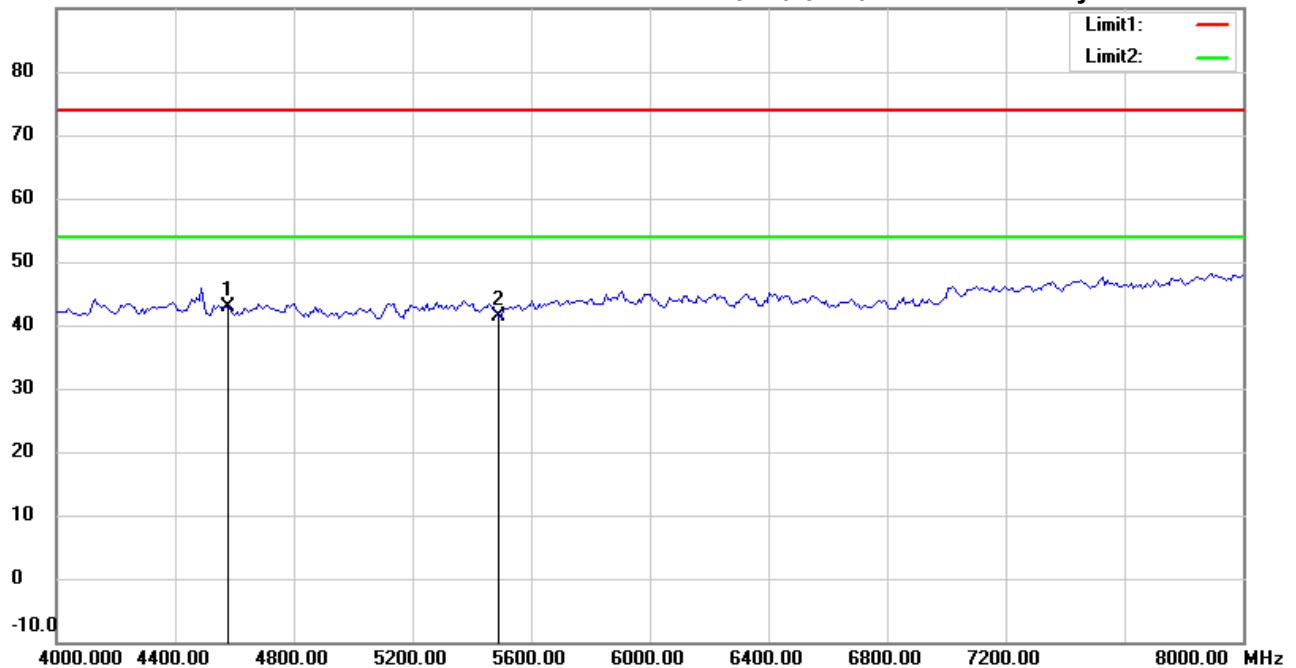
Date: 6/10/2018

Temperature: 25.1 °C

90.0 dBuV/m

Time: 10:32:29 AM

Humidity: 65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4574.950	42.24	peak	0.67	42.91	74.00	150	225	-31.09	
	5489.940	39.11	peak	2.22	41.33	74.00	150	10	-32.67	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

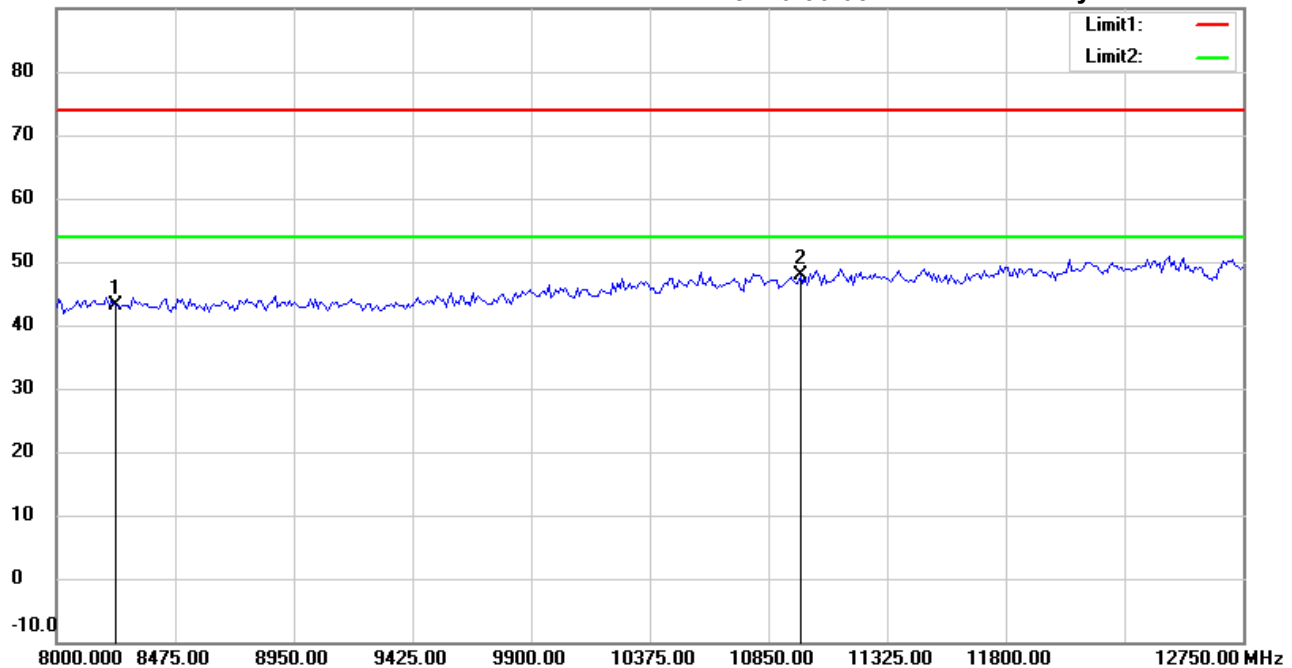
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 10:30:05 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	8234.910	35.81	peak	7.21	43.02	74.00	150	60	-30.98	
*	10979.000	36.25	peak	11.53	47.78	74.00	150	270	-26.22	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

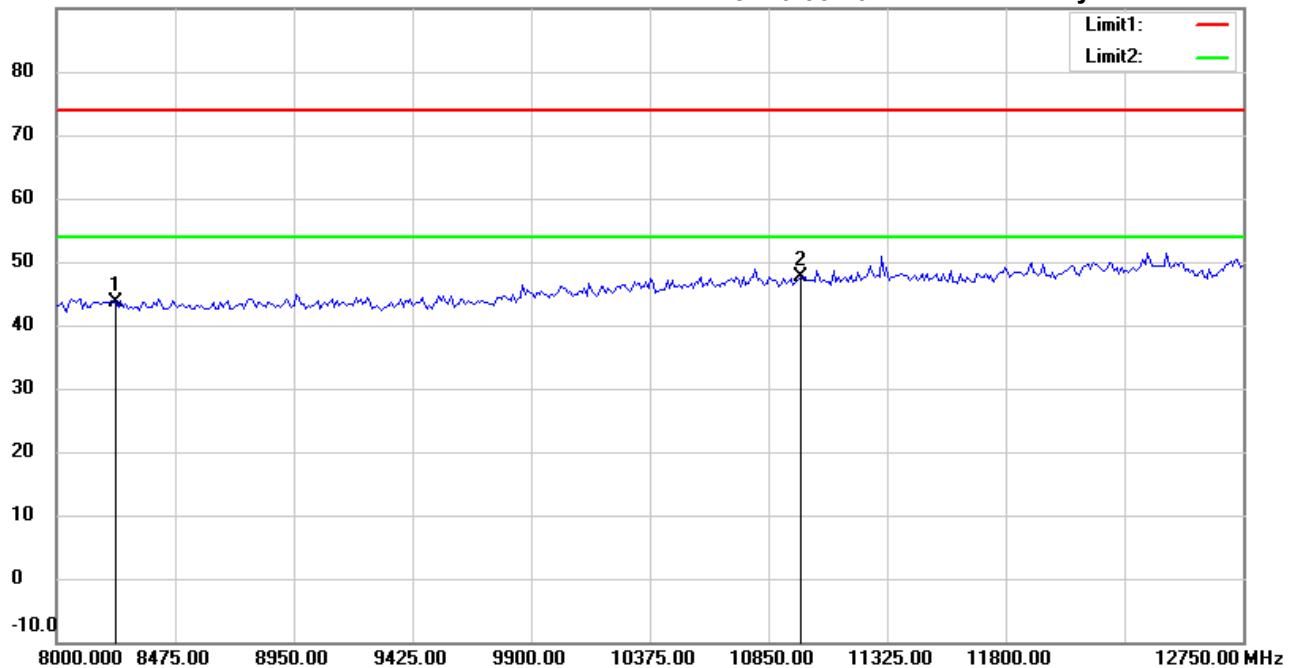
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 10:33:29 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 902.5MHz

Note :

Polarization: *Vertical*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	8234.910	36.31	peak	7.21	43.52	74.00	150	190	-30.48	
*	10979.000	36.16	peak	11.53	47.69	74.00	150	225	-26.31	

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :1

Data :#1

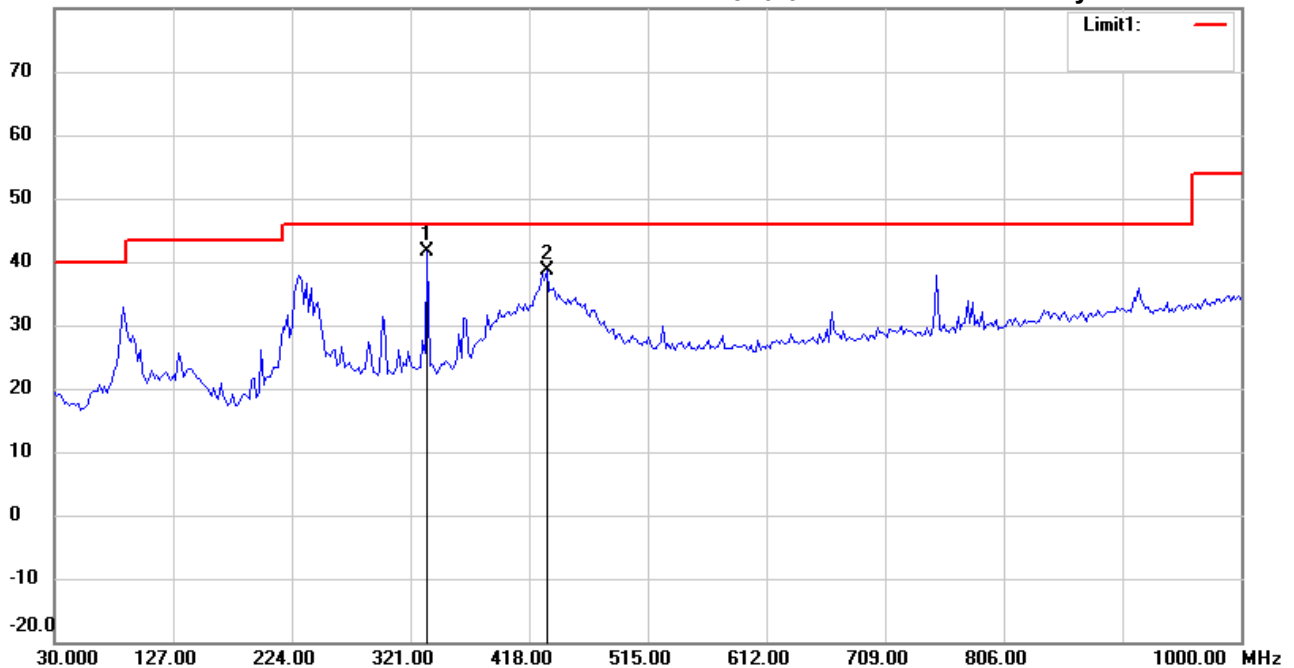
Date: 6/10/2018

Temperature: 25.1 °C

80.0 dBuV/m

Time: 9:37:41 AM

Humidity: 65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 915MHz

Note :

Polarization: Horizontal

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	335.1904	46.53	peak	-4.87	41.66	46.00	100	60	-4.34	
	432.3847	41.86	peak	-3.19	38.67	46.00	100	110	-7.33	

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :1

Data :#2

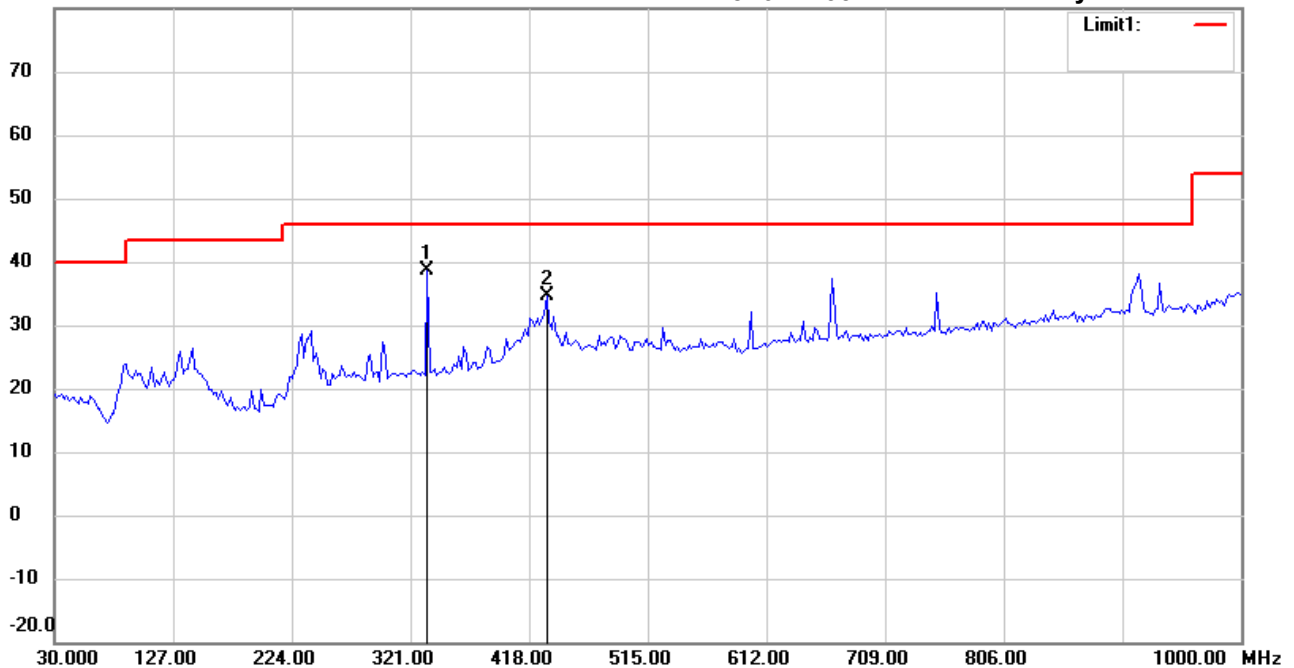
Date: 6/10/2018

Temperature: 25.1 °C

80.0 dBuV/m

Time: 9:41:35 AM

Humidity: 65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 915MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	335.1904	43.51	peak	-4.87	38.64	46.00	100	240	-7.36	
	432.3848	37.75	peak	-3.19	34.56	46.00	100	130	-11.44	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#1

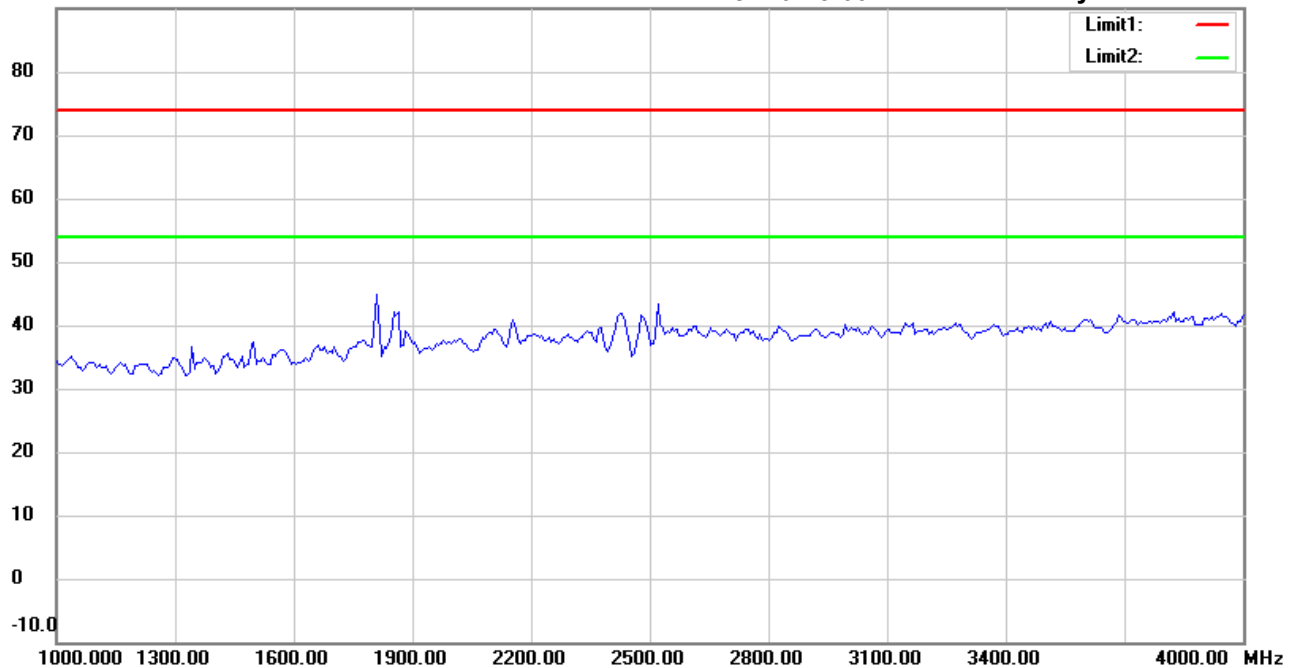
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 10:45:09 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 915MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	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:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#6

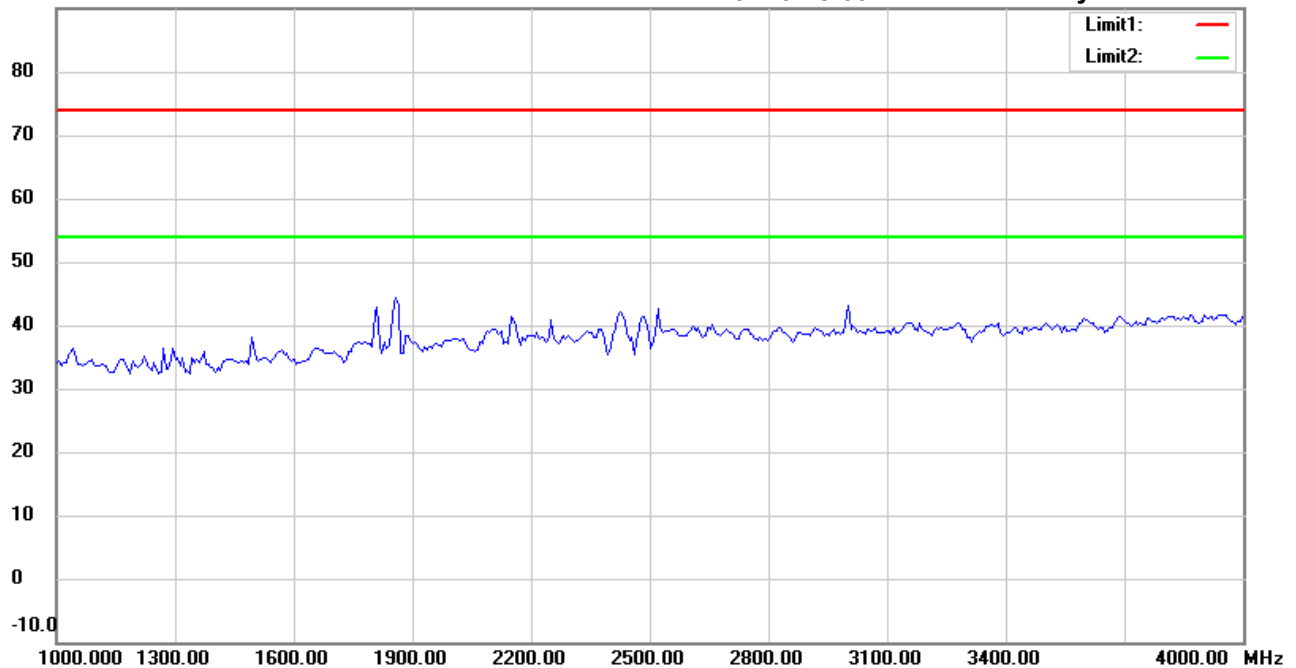
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 10:48:39 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 915MHz

Note :

Polarization: *Vertical*

Power : 3 Vd.c.

Distance: 3m

Mk.	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: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#2

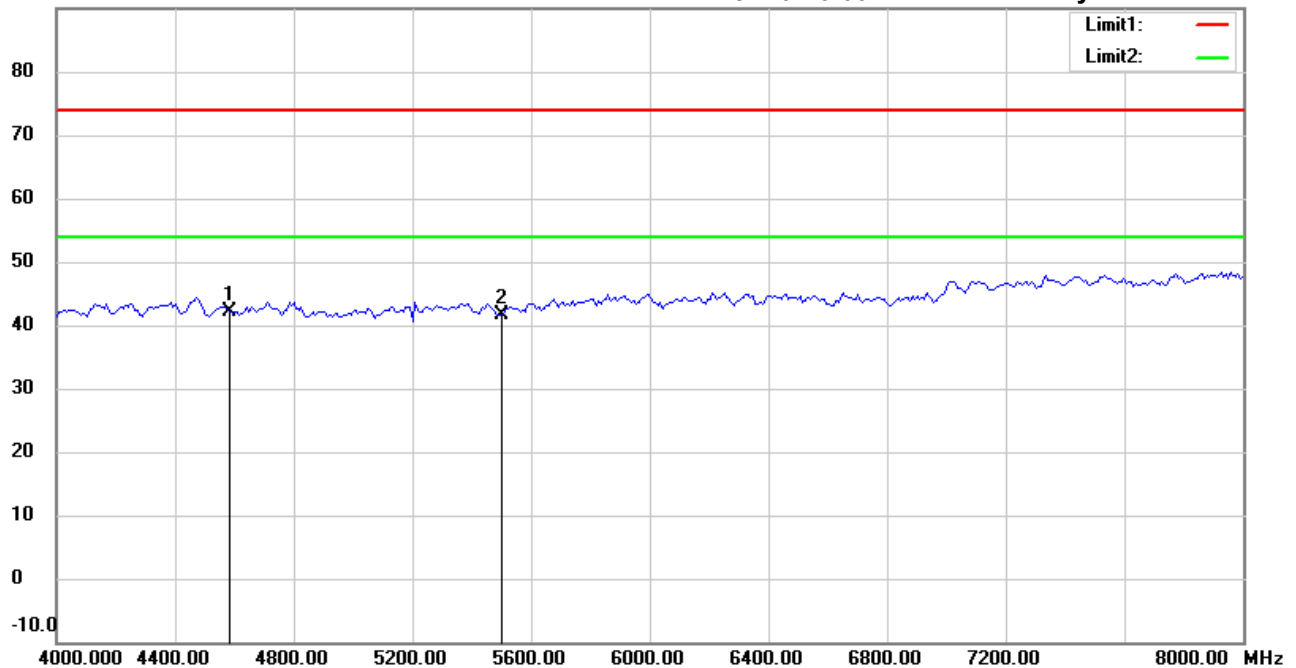
Date: 6/10/2018

Temperature: 25.1 °C

90.0 dBuV/m

Time: 10:46:09 AM

Humidity: 65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 915MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4578.300	41.47	peak	0.66	42.13	74.00	150	95	-31.87	
	5493.660	39.52	peak	2.21	41.73	74.00	150	10	-32.27	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#7

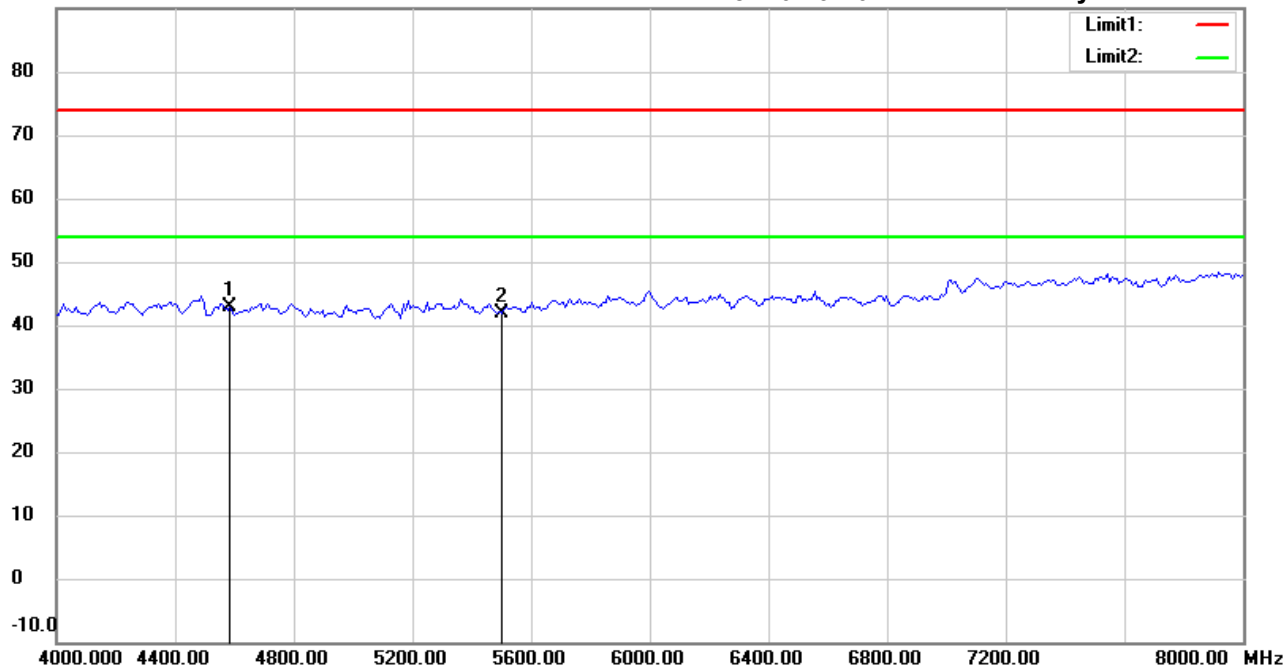
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 10:49:40 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 915MHz

Note :

Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4578.300	42.15	peak	0.66	42.81	74.00	150	45	-31.19	
	5493.660	39.68	peak	2.21	41.89	74.00	150	70	-32.11	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

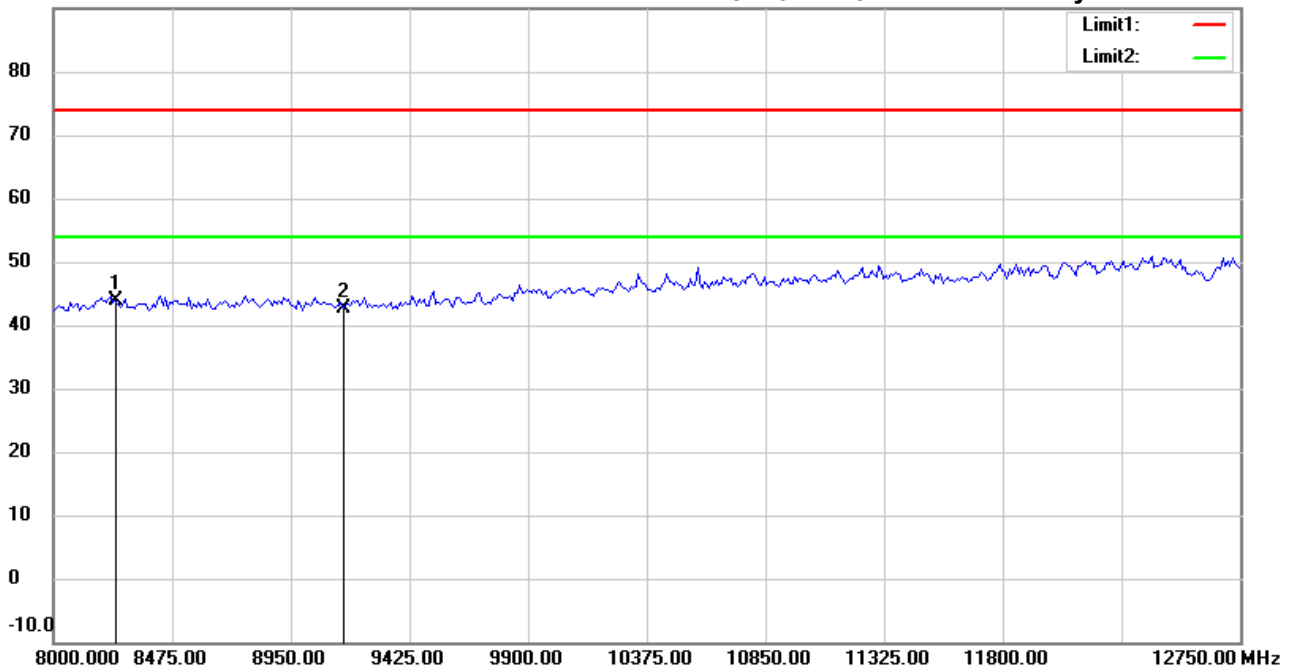
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 10:47:15 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 915MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	8240.490	36.62	peak	7.18	43.80	74.00	150	60	-30.20	
	9156.100	35.11	peak	7.59	42.70	74.00	150	40	-31.30	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

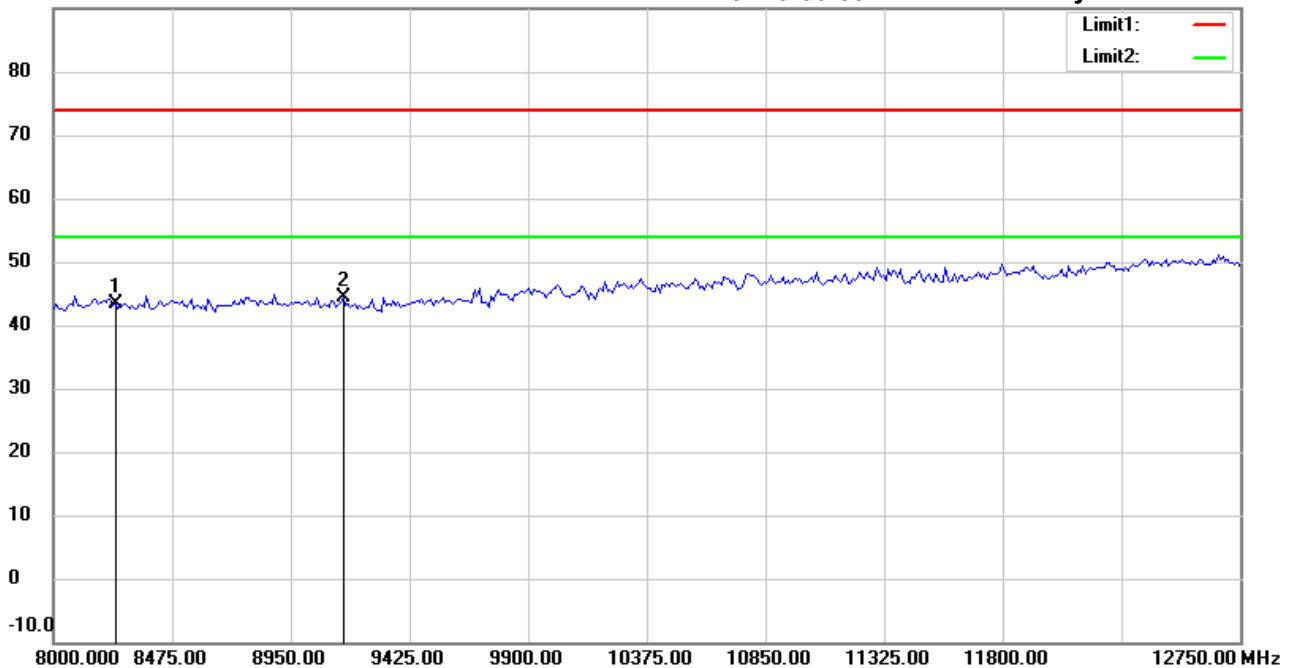
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 10:50:39 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 915MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	8240.490	36.21	peak	7.18	43.39	74.00	150	70	-30.61	
*	9156.100	36.87	peak	7.59	44.46	74.00	150	225	-29.54	

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :1

Data :#1

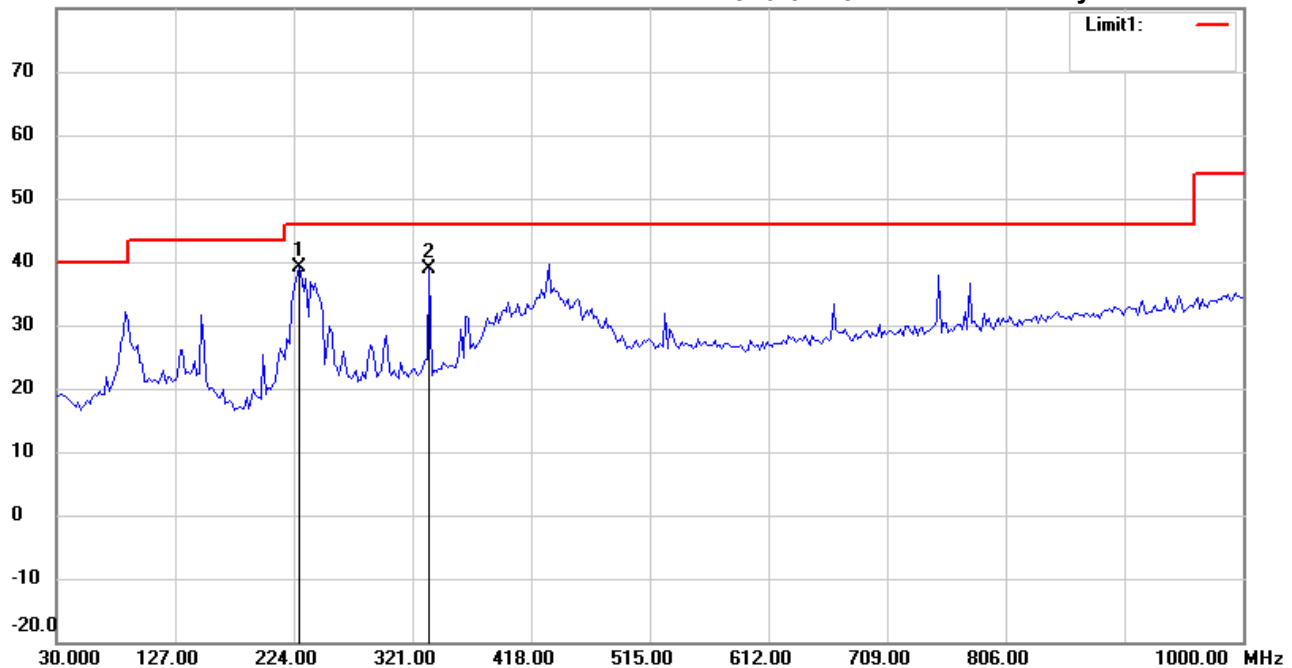
Date: 6/10/2018

Temperature: 25.1 °C

80.0 dBuV/m

Time: 9:57:28 AM

Humidity: 65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	228.2766	47.82	peak	-8.64	39.18	46.00	100	20	-6.82	
	335.1904	43.84	peak	-4.87	38.97	46.00	100	110	-7.03	

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :1

Data :#2

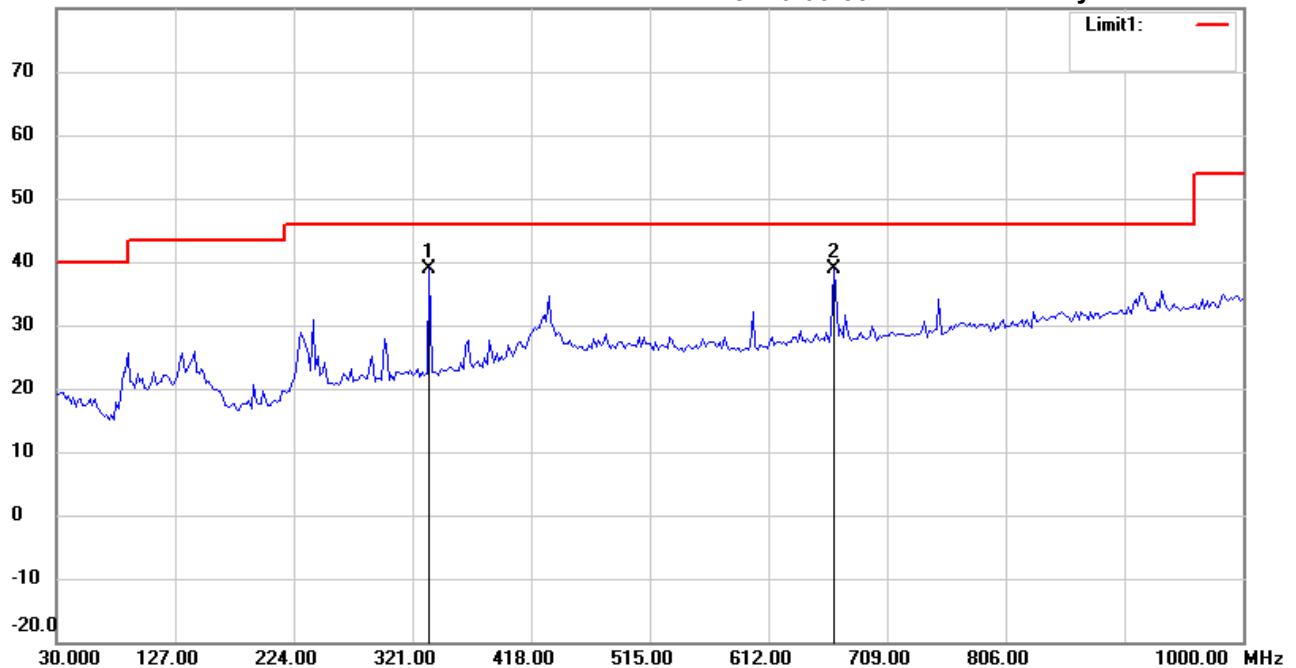
Date: 6/10/2018

Temperature: 25.1 °C

80.0 dBuV/m

Time: 10:00:53 AM

Humidity: 65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	335.1904	43.81	peak	-4.87	38.94	46.00	100	30	-7.06	
	665.6513	38.32	peak	0.51	38.83	46.00	100	55	-7.17	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#1

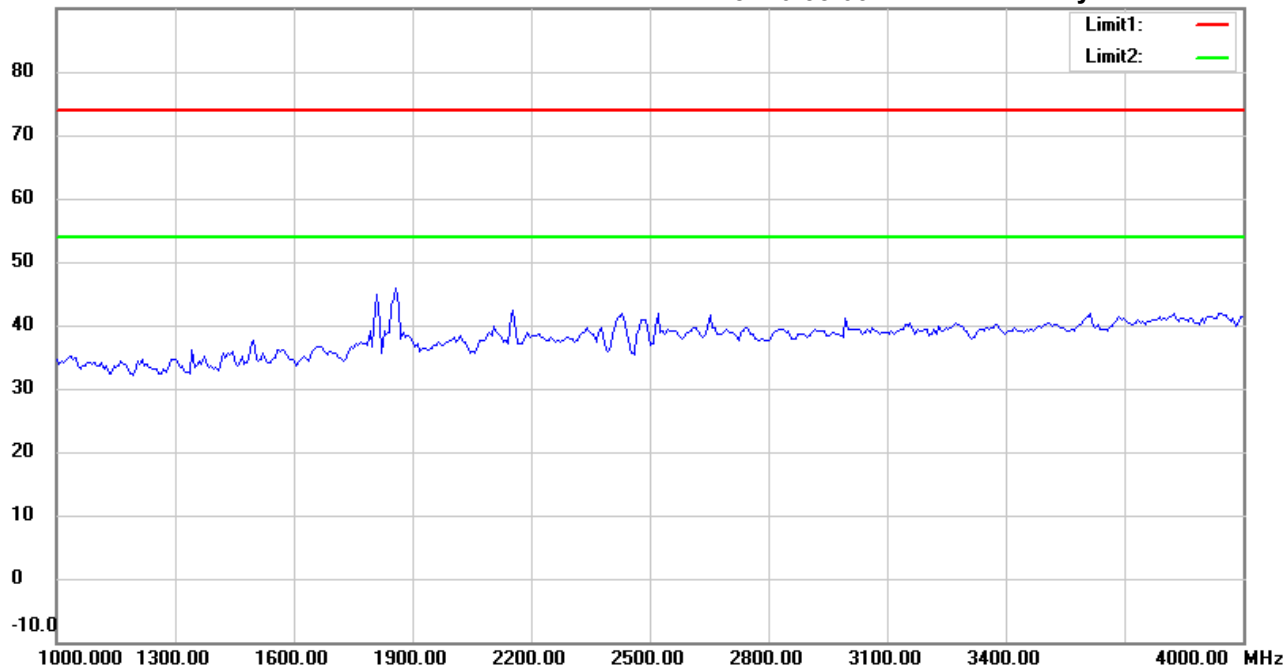
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 10:58:03 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	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:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#6

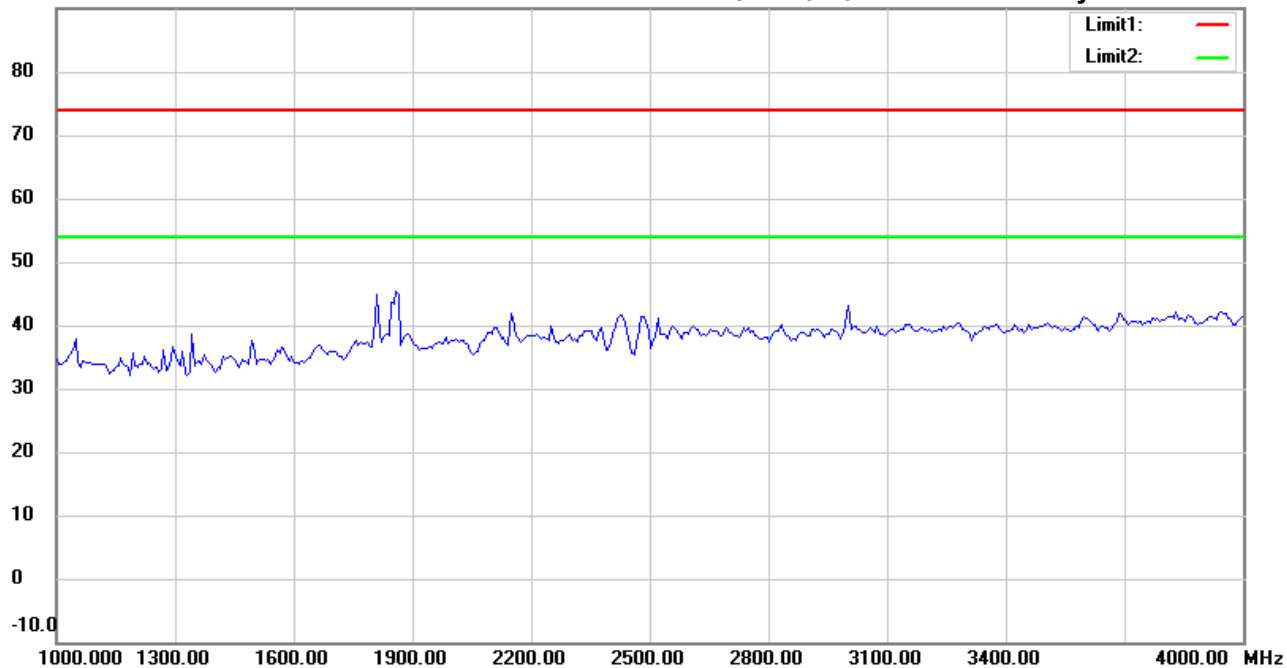
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 11:01:34 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

Distance: 3m

Mk.	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: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File : 3

Data : #2

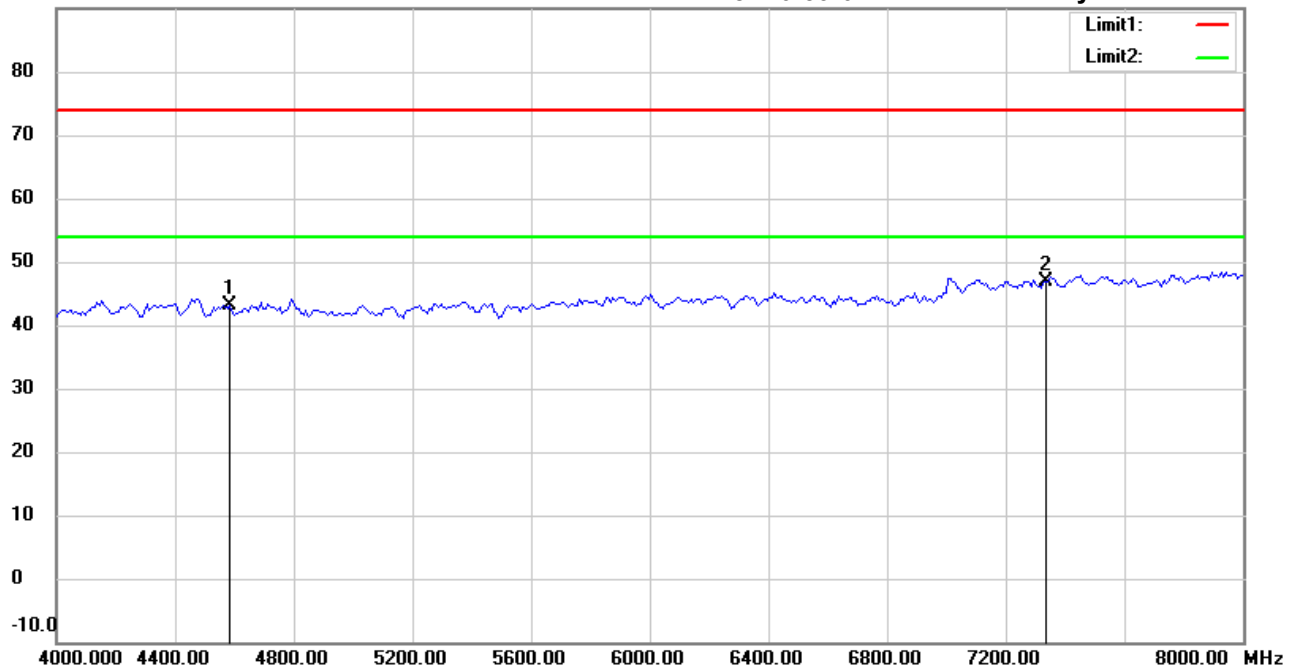
Date: 6/10/2018

Temperature: 25.1 °C

90.0 dBuV/m

Time: 10:59:04 AM

Humidity: 65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: **Horizontal**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4581.190	42.49	peak	0.65	43.14	74.00	150	220	-30.86	
*	7329.900	41.21	peak	5.68	46.89	74.00	150	75	-27.11	

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihsu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#7

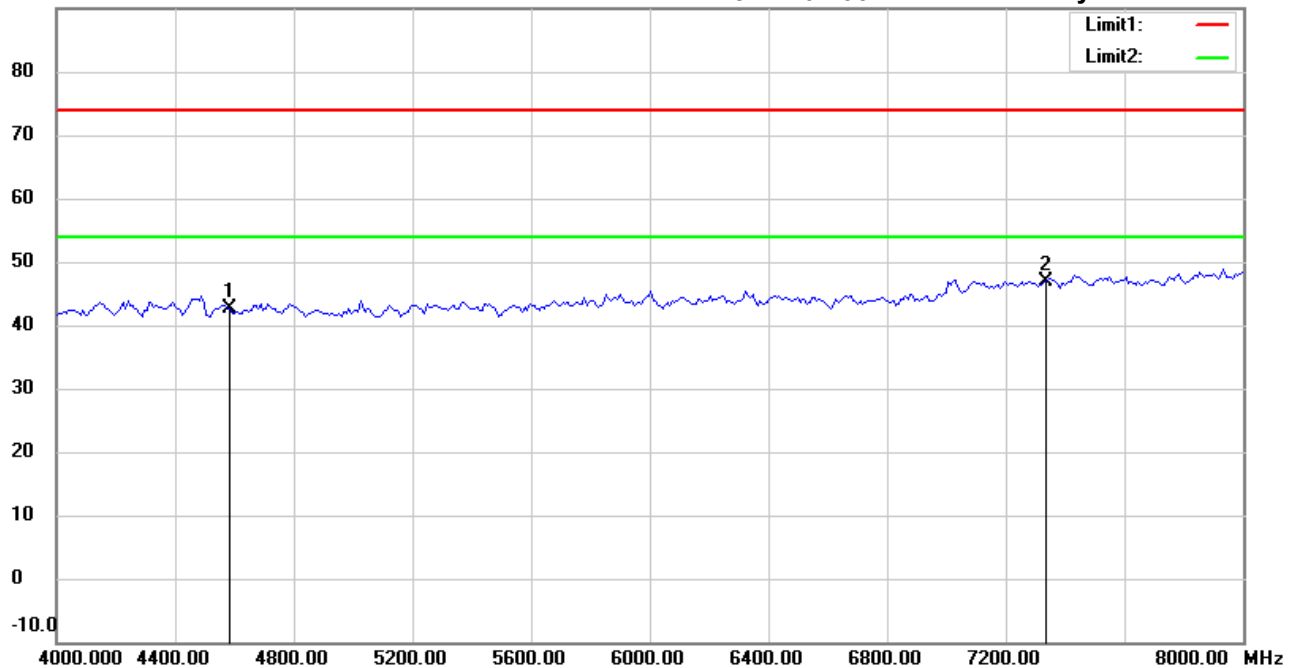
Date: 6/10/2018

Temperature: 25.1 °C

90.0 dBuV/m

Time: 11:02:35 AM

Humidity: 65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4581.190	42.01	peak	0.65	42.66	74.00	150	225	-31.34	
*	7329.900	41.15	peak	5.68	46.83	74.00	150	95	-27.17	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

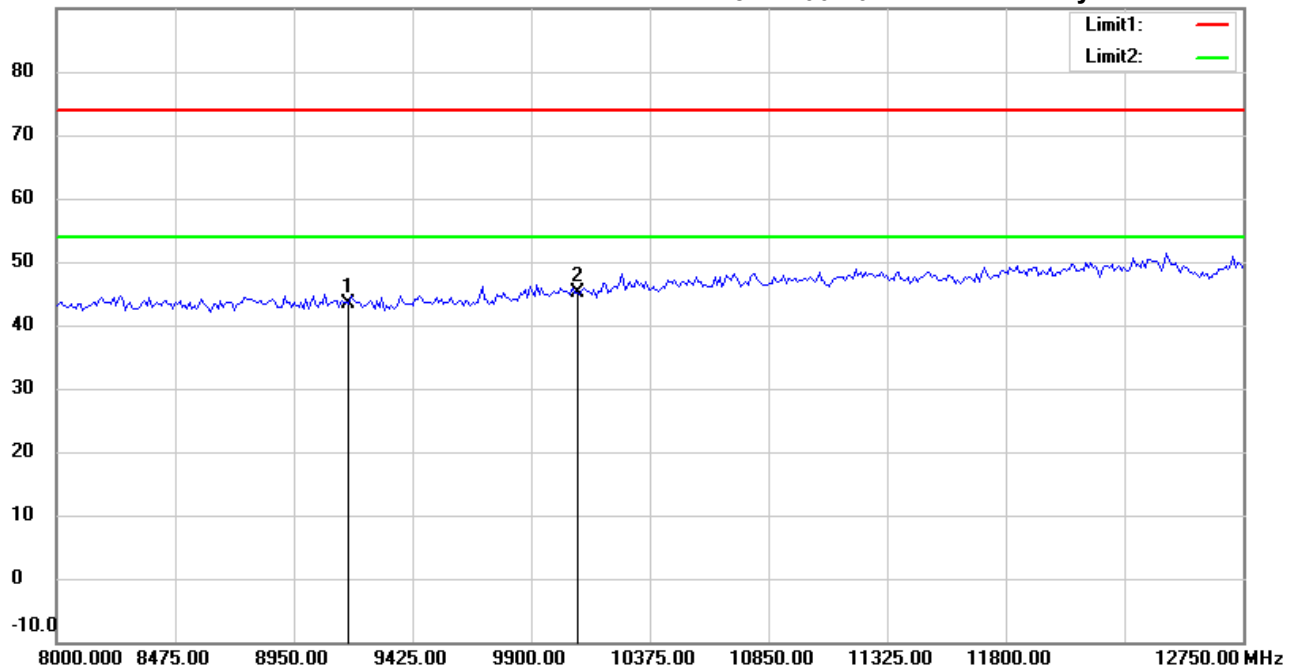
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 11:00:10 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 927.5MHz

Note :

Polarization: **Horizontal**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9162.380	35.89	peak	7.60	43.49	74.00	150	80	-30.51	
*	10078.610	35.36	peak	9.67	45.03	74.00	150	240	-28.97	

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



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

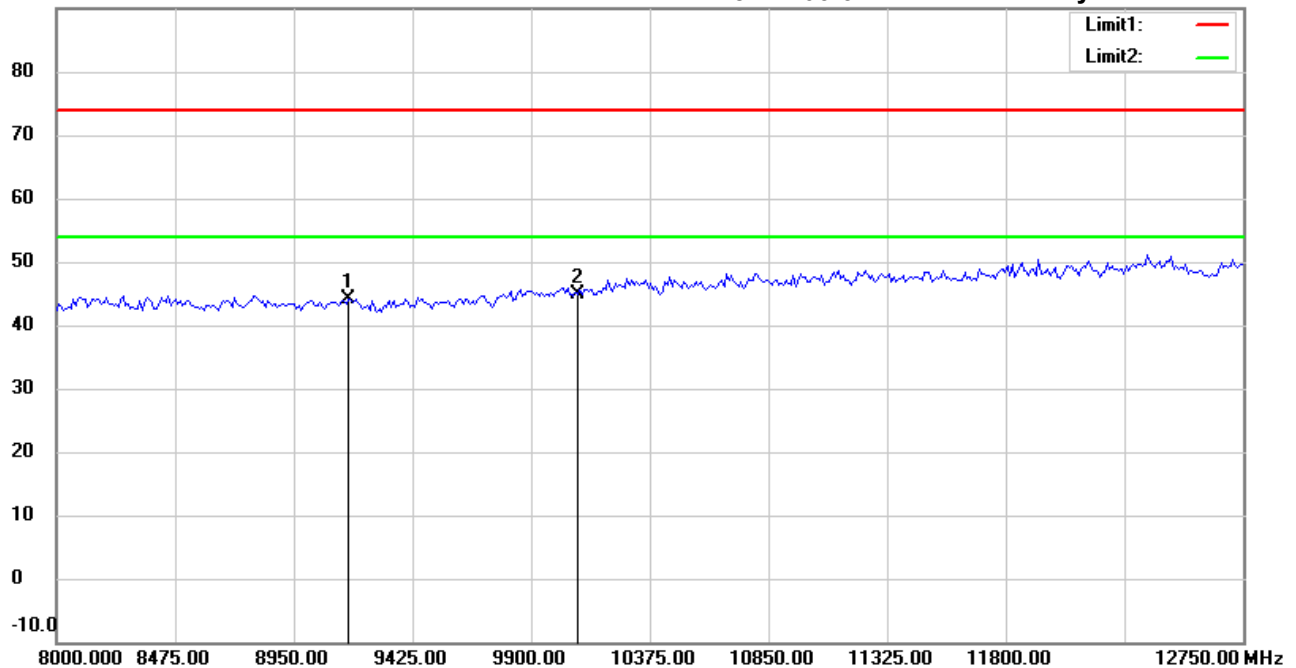
Date: 6/10/2018

Temperature:25.1 °C

90.0 dBuV/m

Time: 11:03:34 AM

Humidity:65.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 927.5MHz

Note :

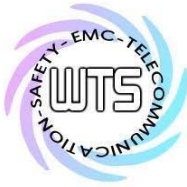
Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9162.380	36.60	peak	7.60	44.20	74.00	150	240	-29.80	
*	10078.610	35.12	peak	9.67	44.79	74.00	150	70	-29.21	

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



Registration number: W6M21804-18009-C-9
FCC ID: IPH-03595

Appendix

Measurement diagrams

Spurious Emissions radiated _TX_ANT+



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :1

Data :#1

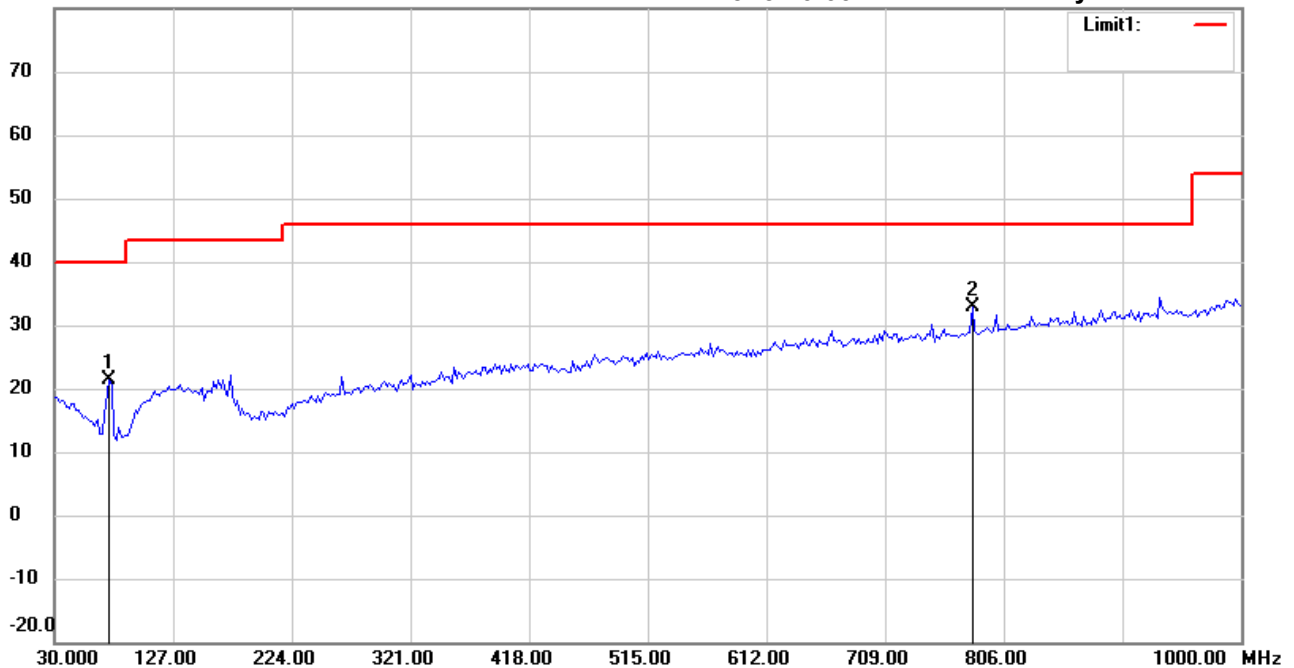
Date: 6/25/2018

Temperature: 27.6 °C

80.0 dBuV/m

Time: 8:23:35 AM

Humidity: 67.9 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	74.7094	35.76	peak	-14.38	21.38	40.00	100	150	-18.62	
*	780.3407	30.55	peak	2.21	32.76	46.00	100	30	-13.24	

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :1

Data :#2

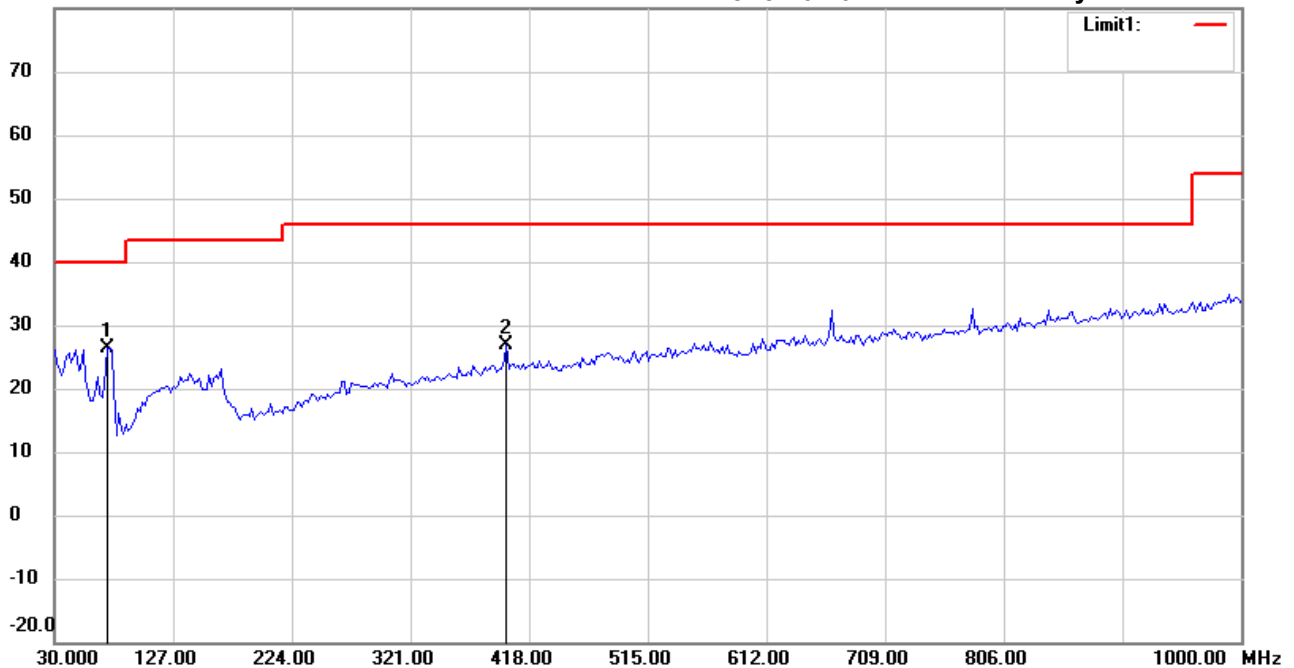
Date: 6/25/2018

Temperature: 27.6 °C

80.0 dBuV/m

Time: 8:26:20 AM

Humidity: 67.9 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	72.7655	40.55	peak	-14.16	26.39	40.00	100	155	-13.61	
	399.3387	30.20	peak	-3.23	26.97	46.00	100	290	-19.03	

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

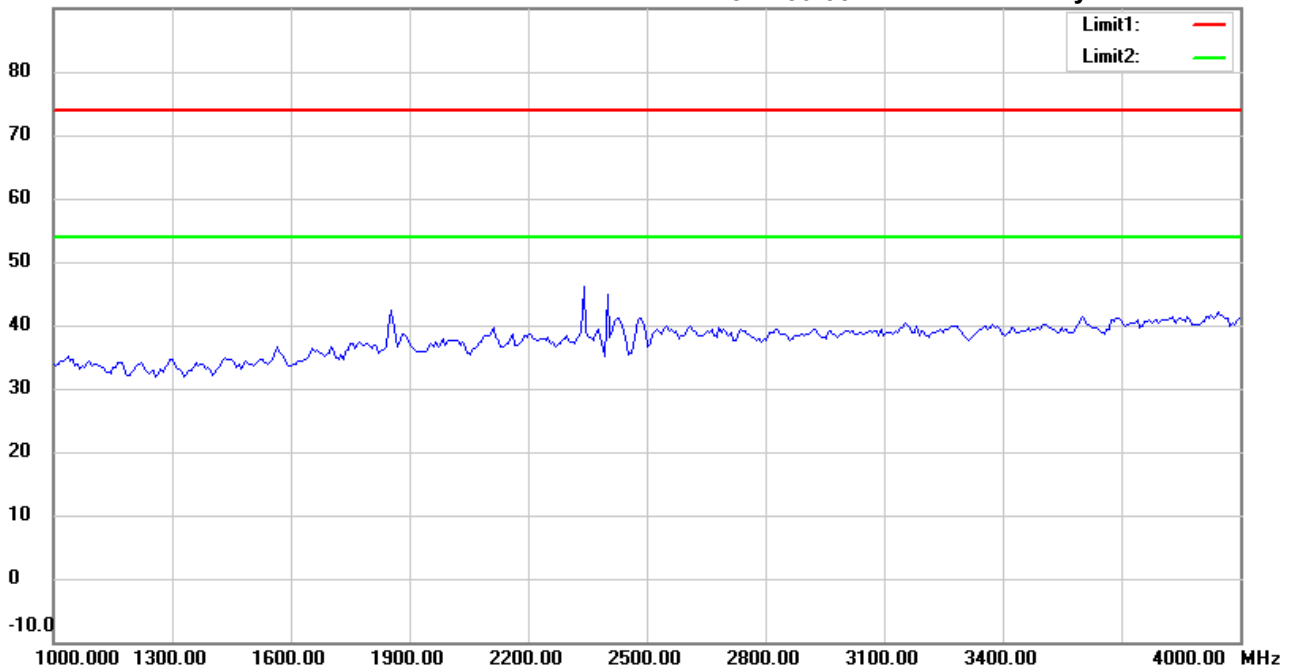
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 1:50:35 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	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:+886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

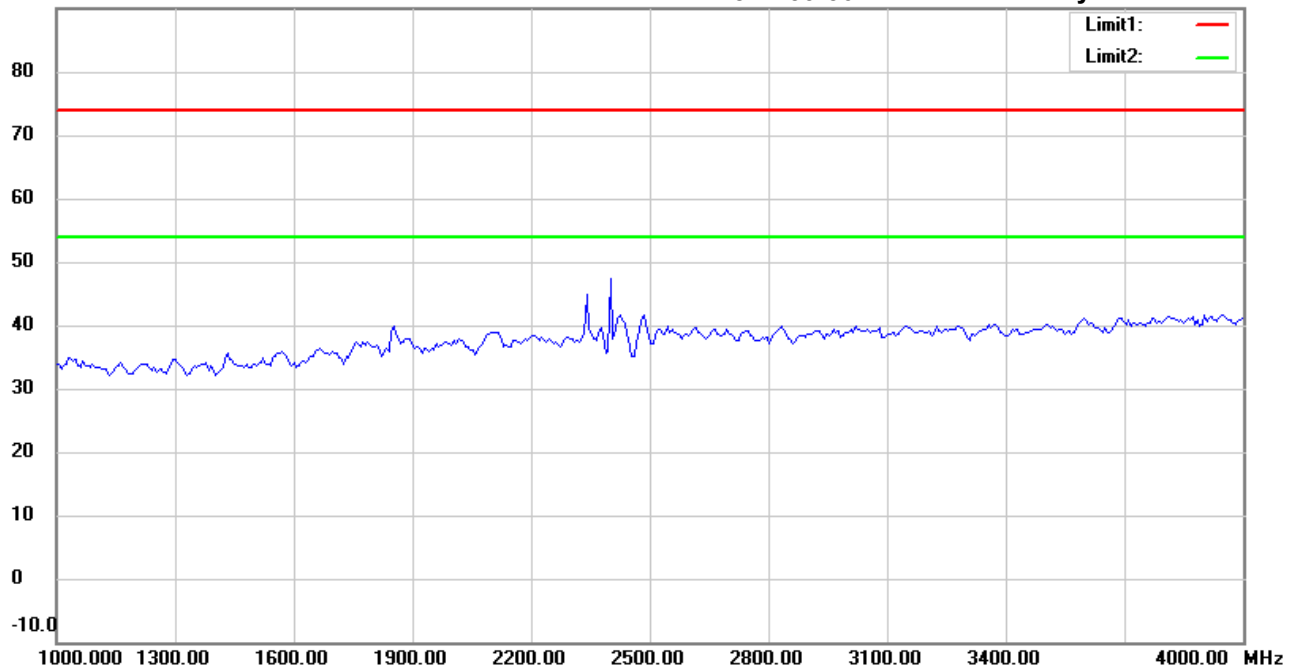
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 1:53:56 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : 3 Vd.c.

Distance: 3m

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



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Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

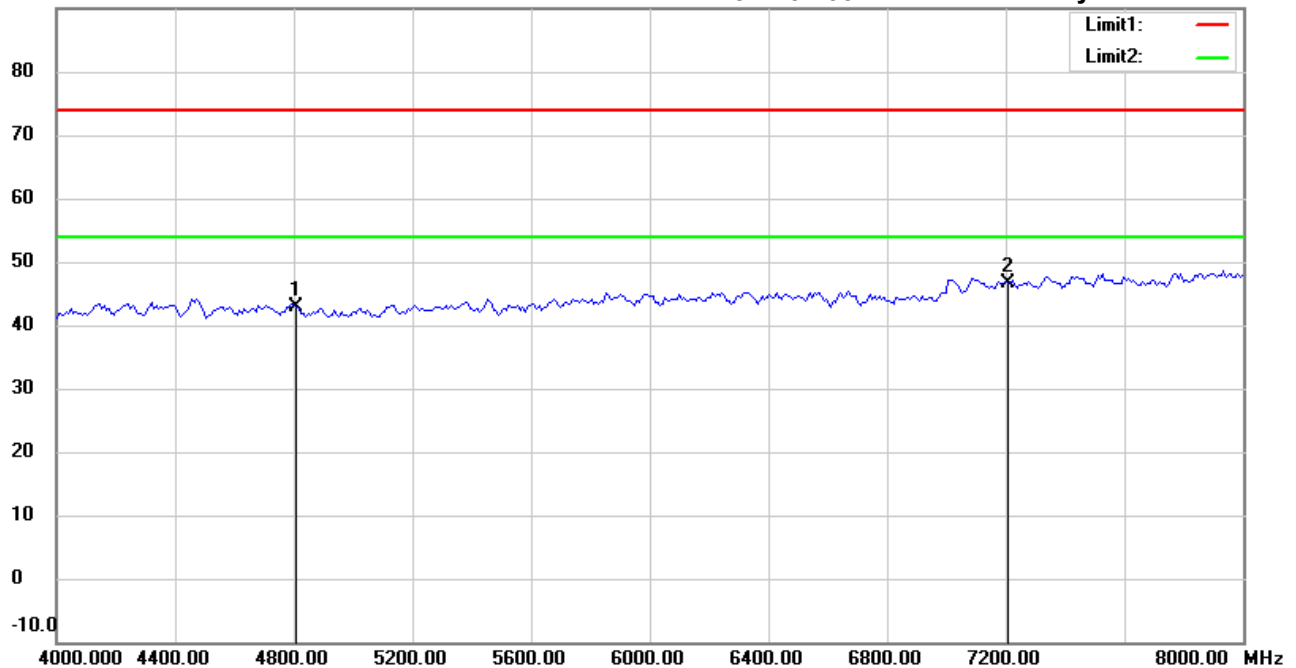
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 1:51:35 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 3 Vd.c.

Distance: 3m

Mk.	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	42.08	peak	0.75	42.83	74.00	150	175	-31.17	
*	7206.000	41.32	peak	5.38	46.70	74.00	150	40	-27.30	

*: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 : #7

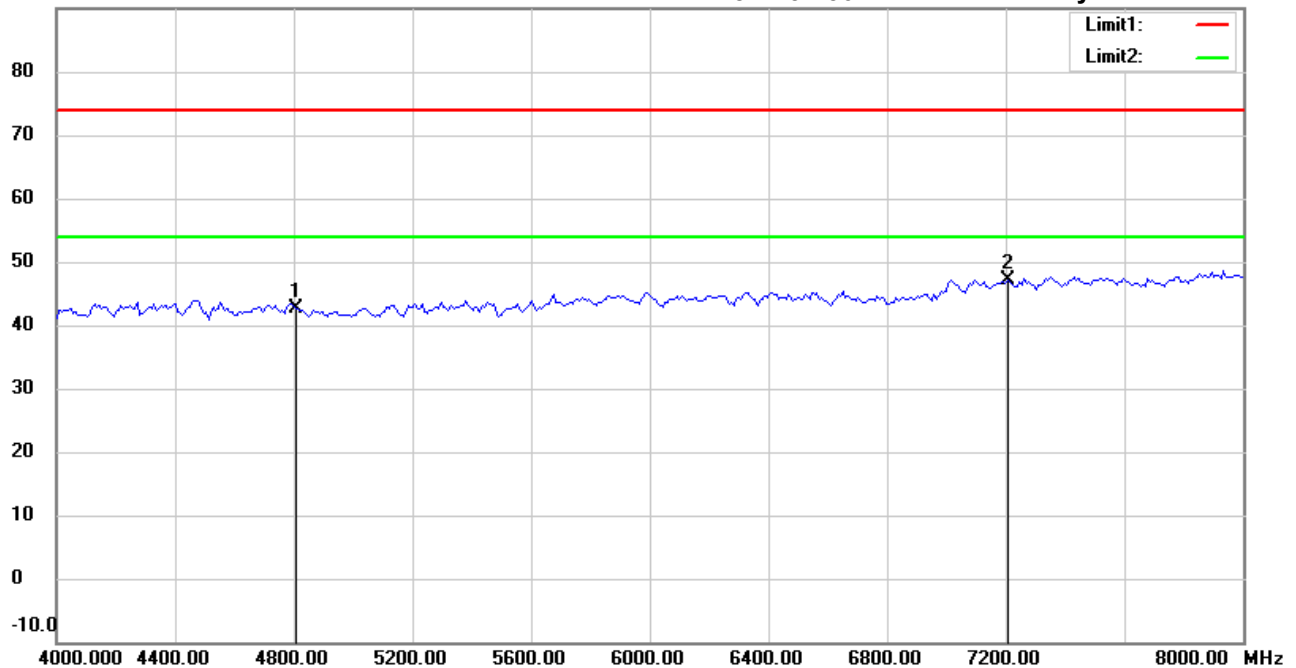
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 1:54:56 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	41.83	peak	0.75	42.58	74.00	150	245	-31.42	
*	7206.000	41.71	peak	5.38	47.09	74.00	150	170	-26.91	

*: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

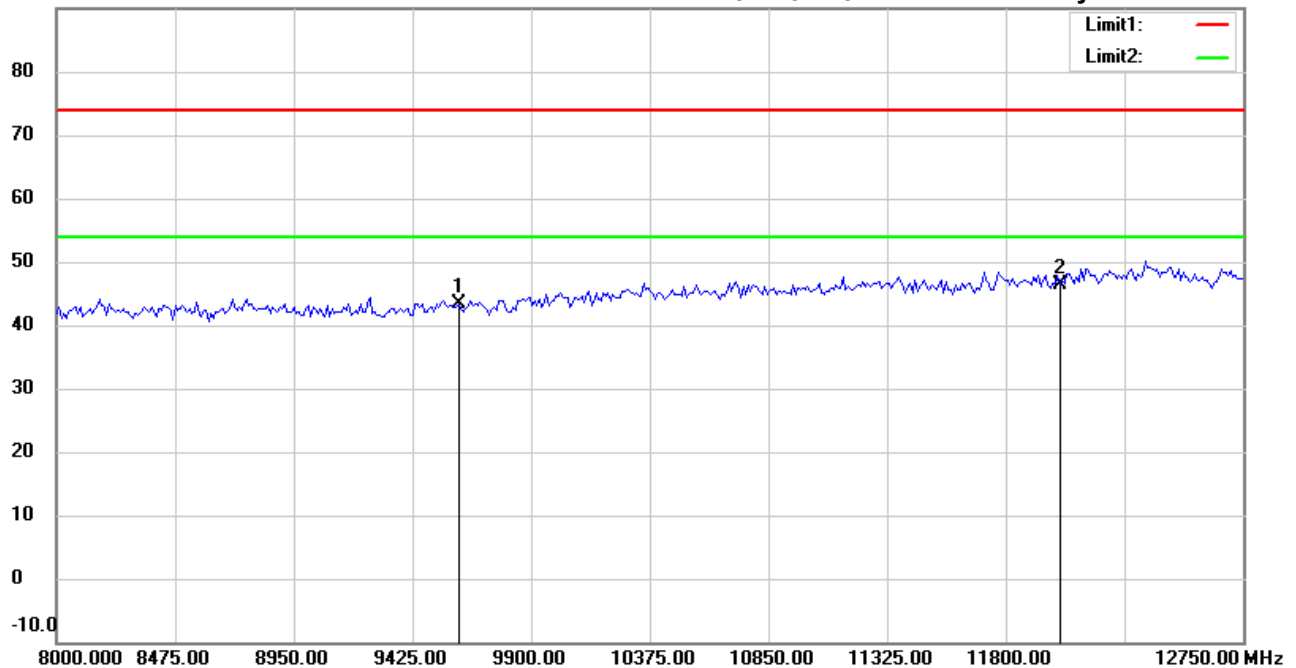
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 1:51:48 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	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	35.13	peak	8.25	43.38	74.00	150	95	-30.62	
*	12010.000	32.80	peak	13.50	46.30	74.00	150	233	-27.70	

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



Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, Neihu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

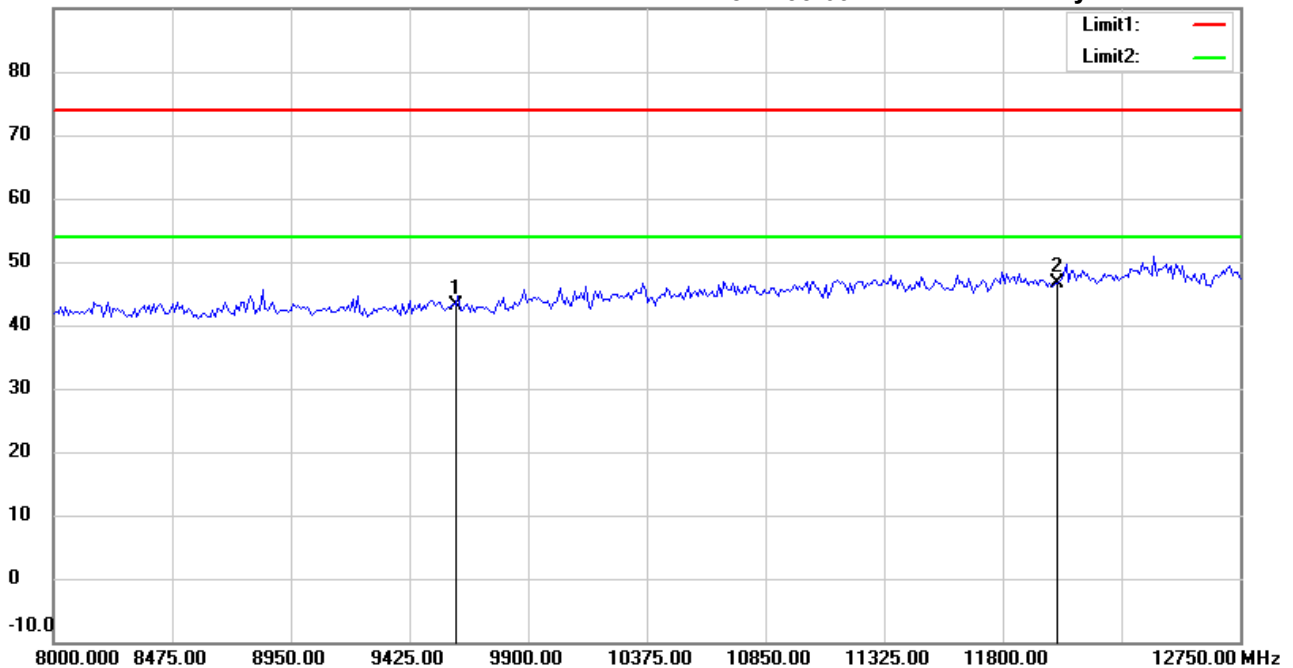
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 1:55:09 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	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	34.85	peak	8.25	43.10	74.00	150	285	-30.90	
*	12010.000	33.24	peak	13.50	46.74	74.00	150	166	-27.26	

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



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

Operator: Leon

File :3

Data :#4

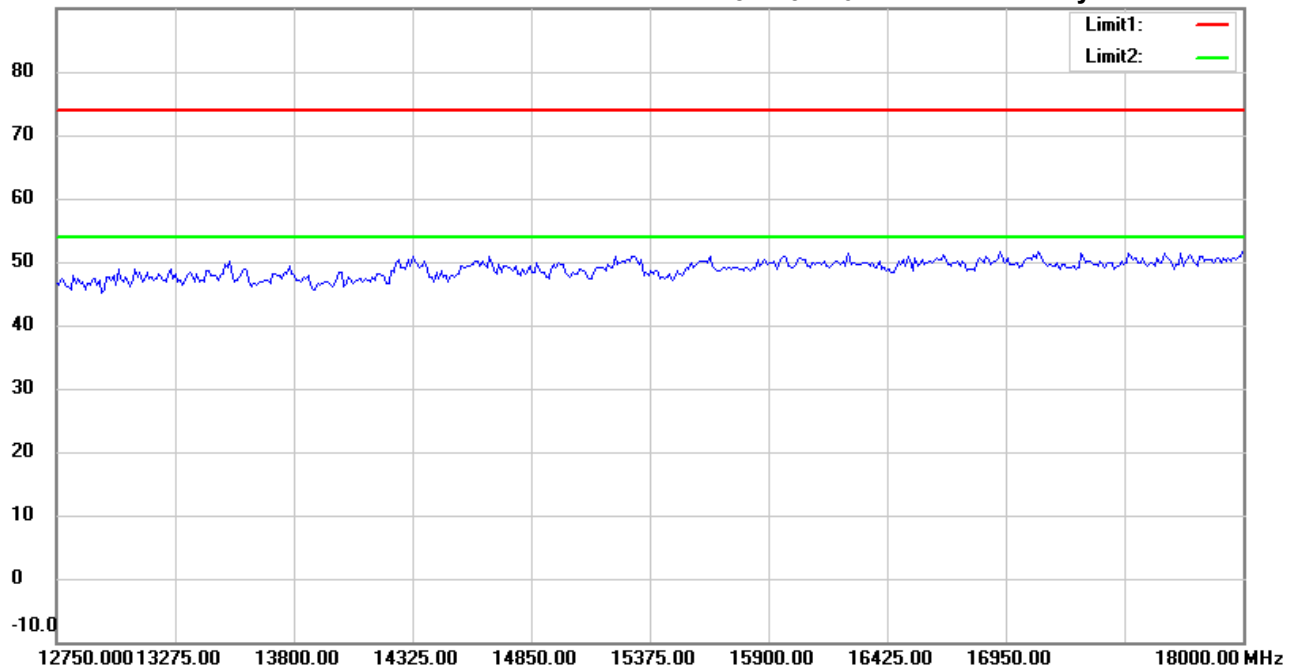
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 1:52:46 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Horizontal

Power : 3 Vd.c.

Distance: 3m

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



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Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

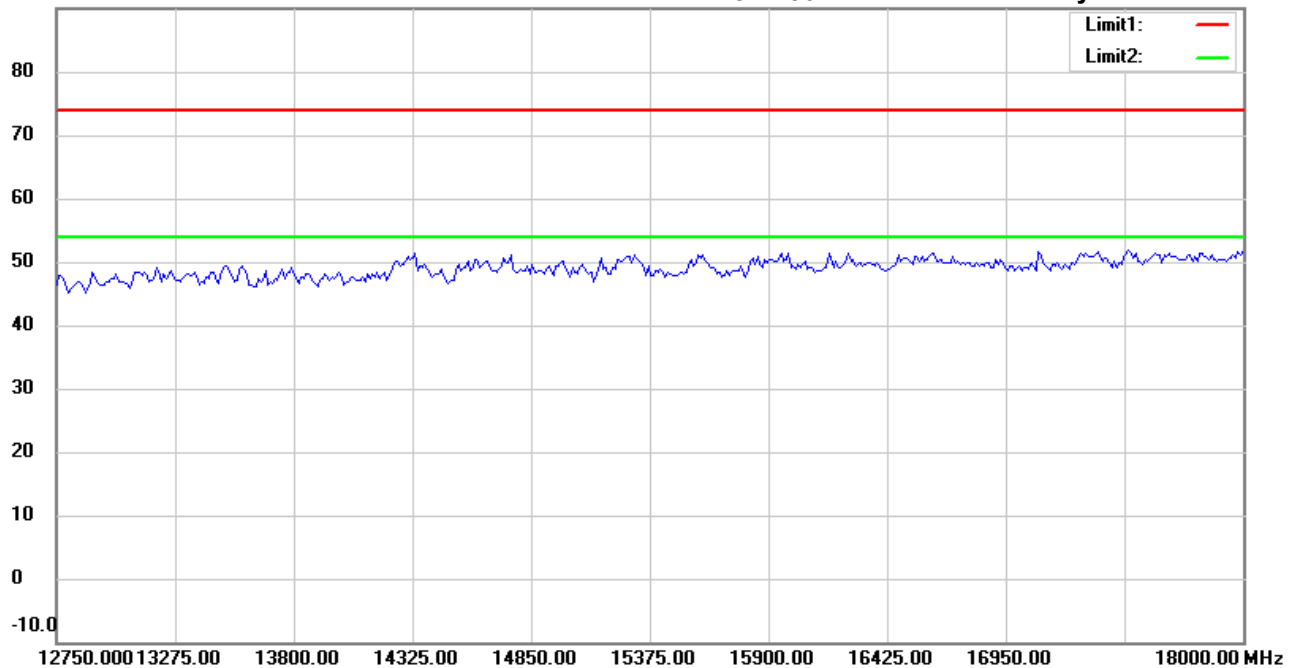
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 1:56:11 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

Distance: 3m

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



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Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

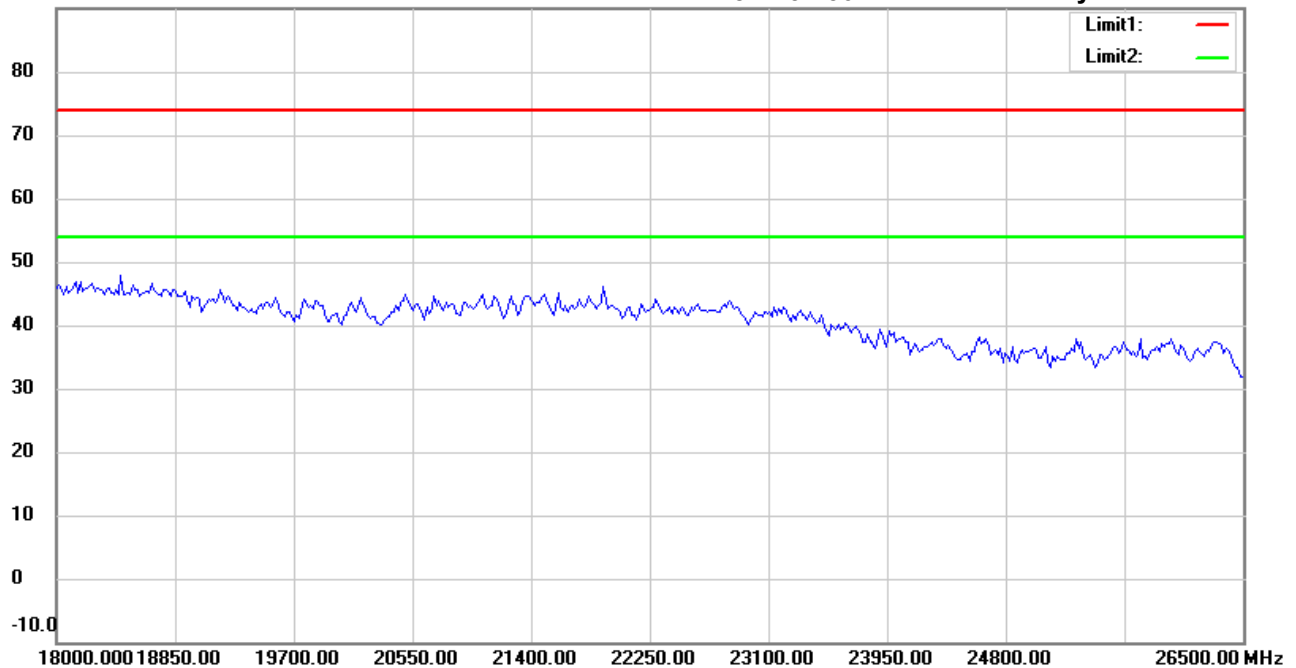
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 1:52:56 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	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

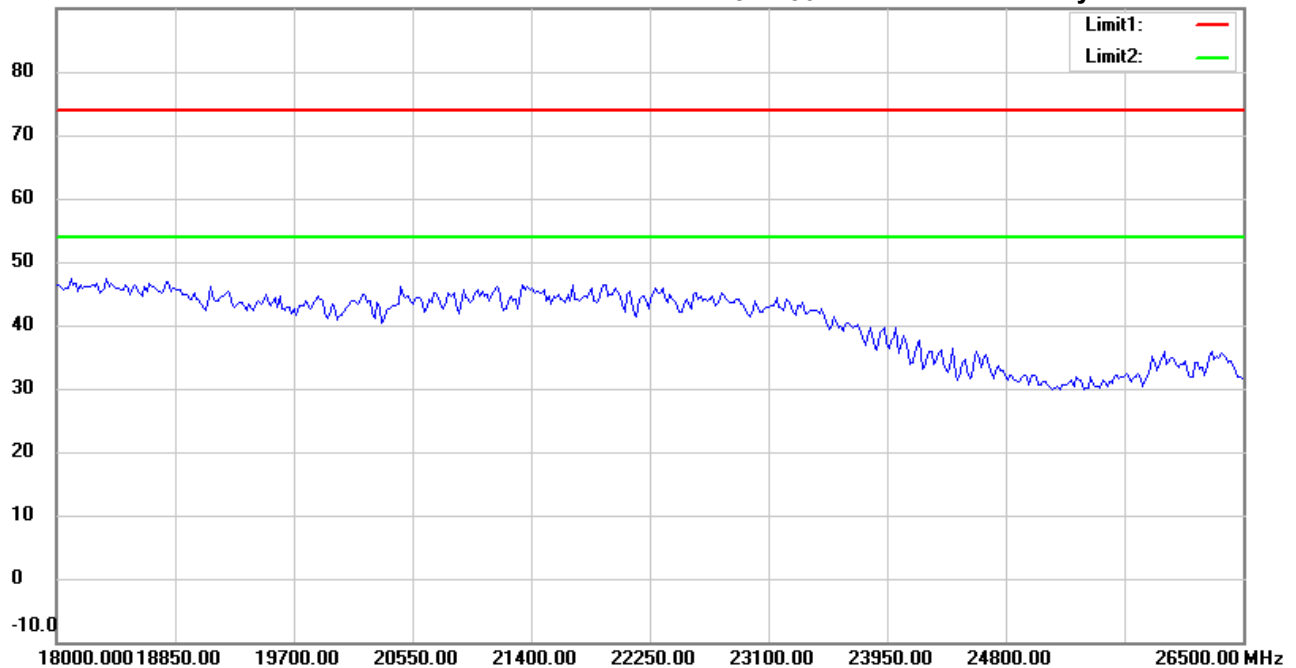
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 1:56:21 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	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: Sky

File :1

Data :#1

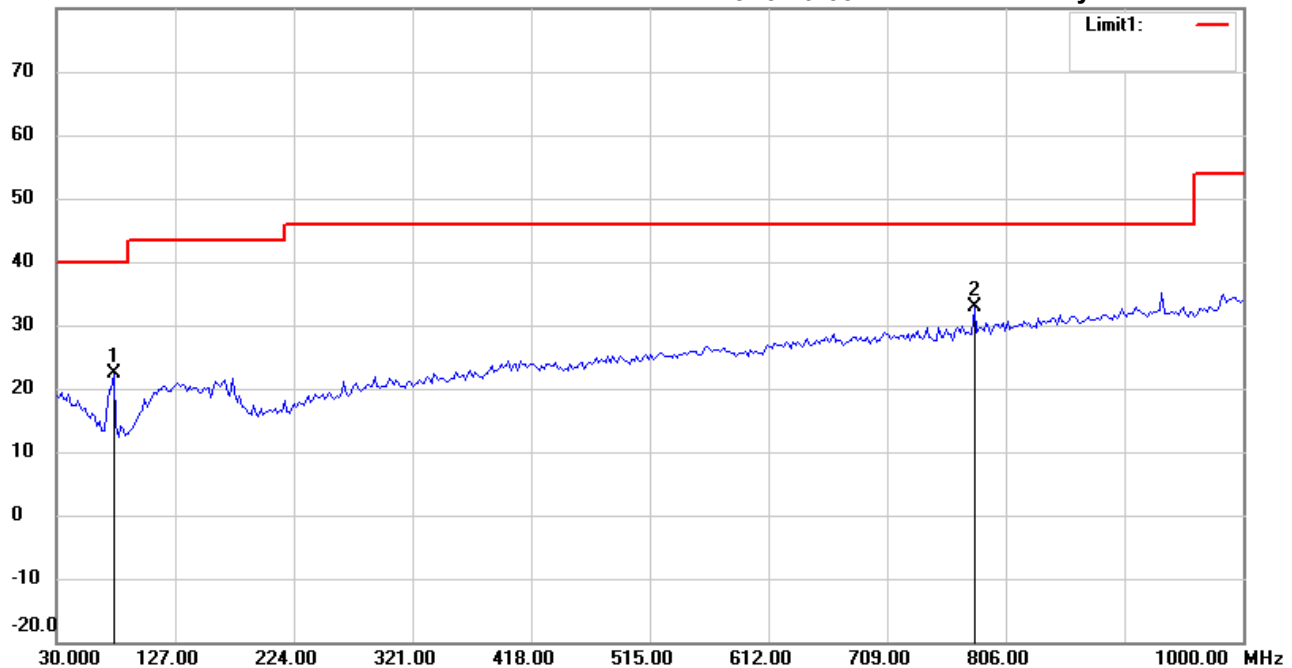
Date: 6/25/2018

Temperature: 27.6 °C

80.0 dBuV/m

Time: 8:29:58 AM

Humidity: 67.9 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: Horizontal

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	76.6533	36.90	peak	-14.60	22.30	40.00	100	225	-17.70	
*	780.3406	30.68	peak	2.21	32.89	46.00	100	30	-13.11	

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



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

Radiated Emission Measurement

Operator: Sky

File :1

Data :#2

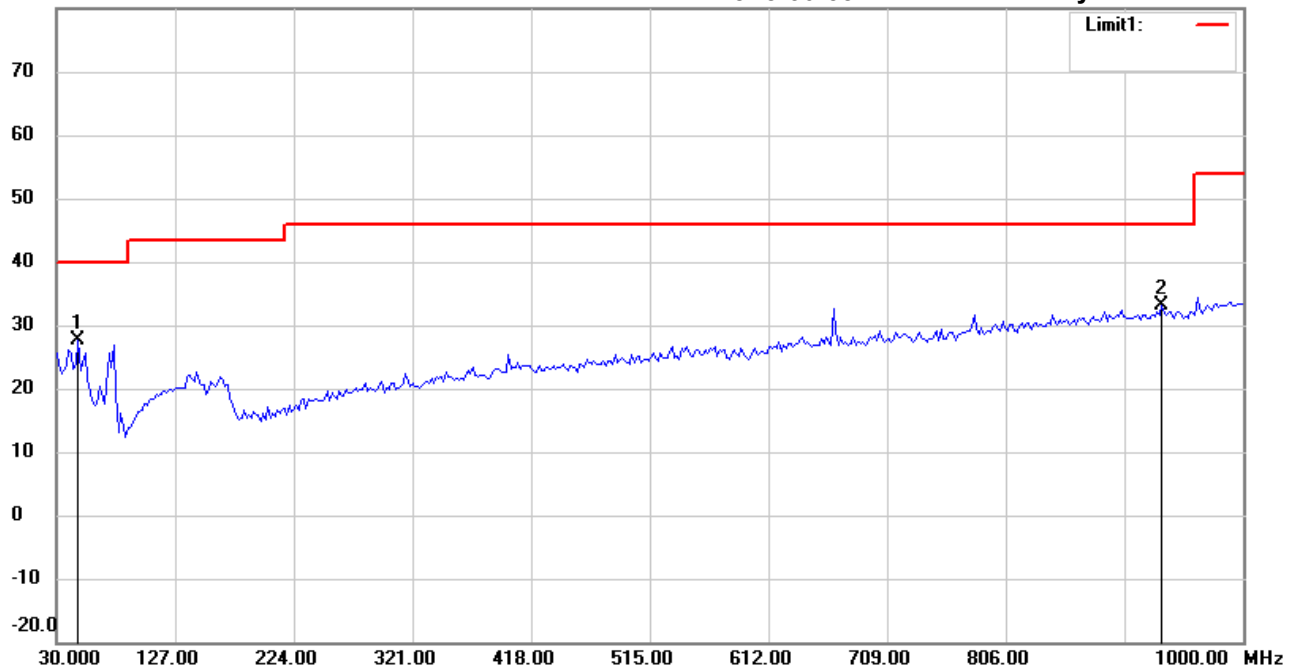
Date: 6/25/2018

Temperature:27.6 °C

80.0 dBuV/m

Time: 8:30:58 AM

Humidity:67.9 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	37.56	peak	-9.87	27.69	40.00	100	55	-12.31	
	933.9078	27.62	peak	5.43	33.05	46.00	100	170	-12.95	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

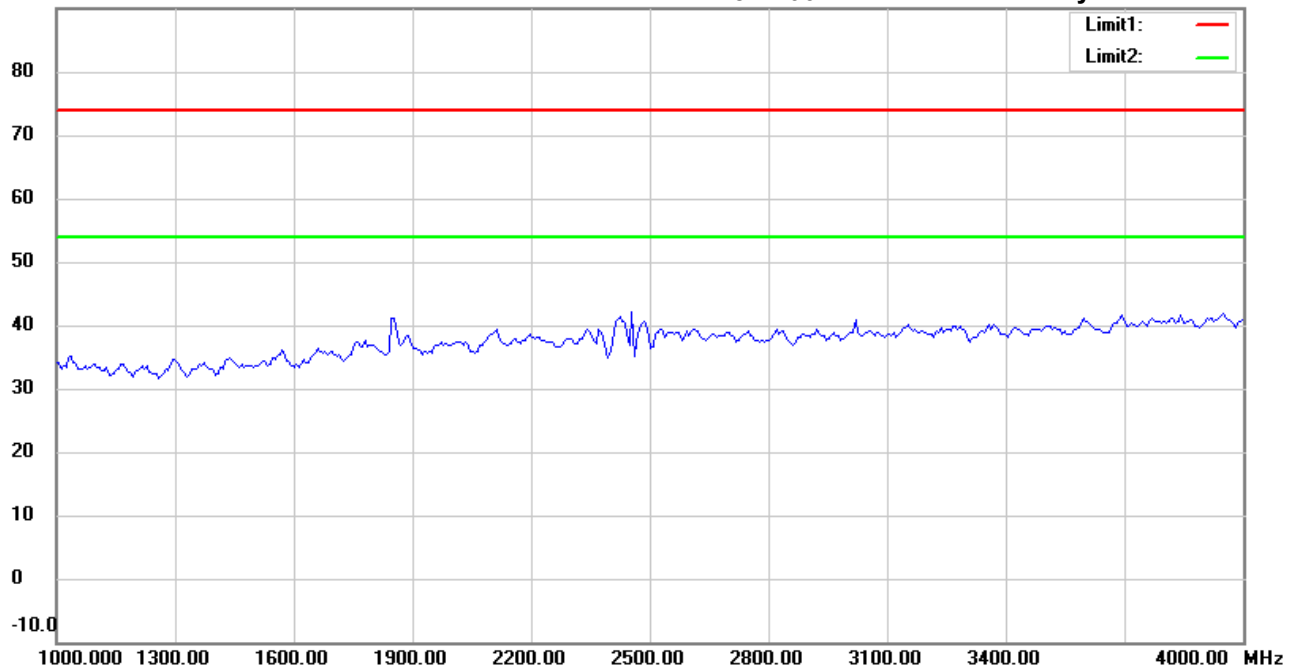
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 2:06:42 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#6

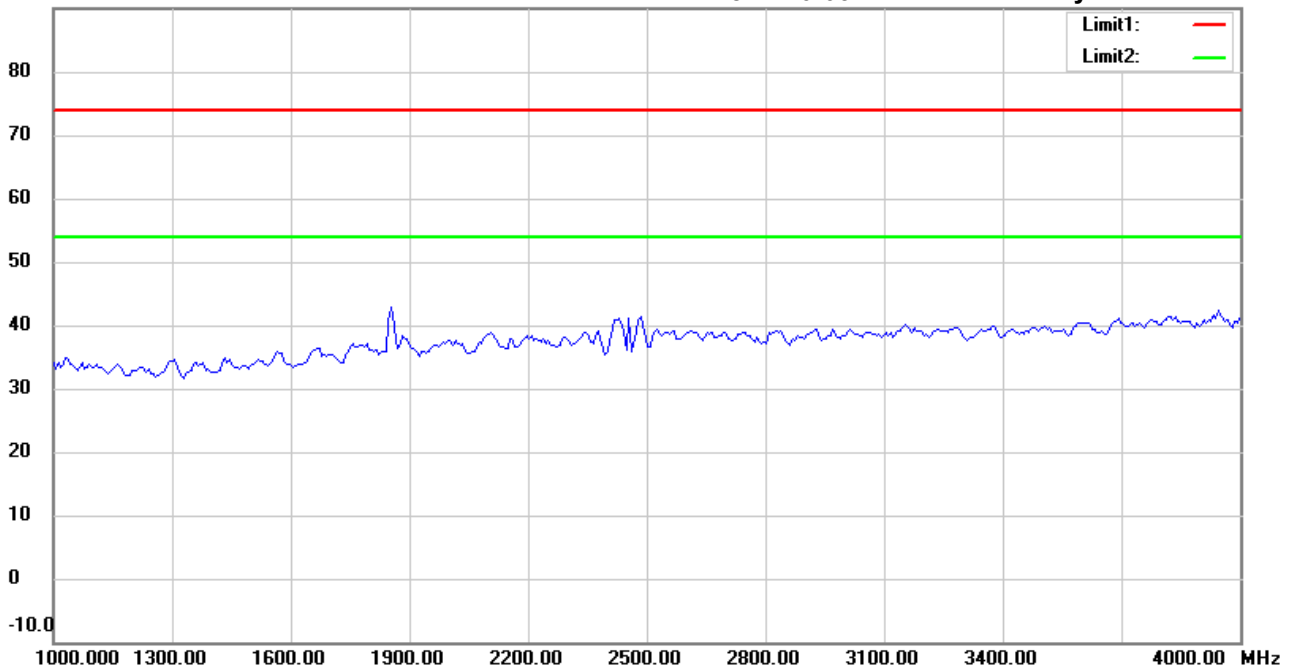
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 2:10:03 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: *Vertical*

Power : 3 Vd.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#2

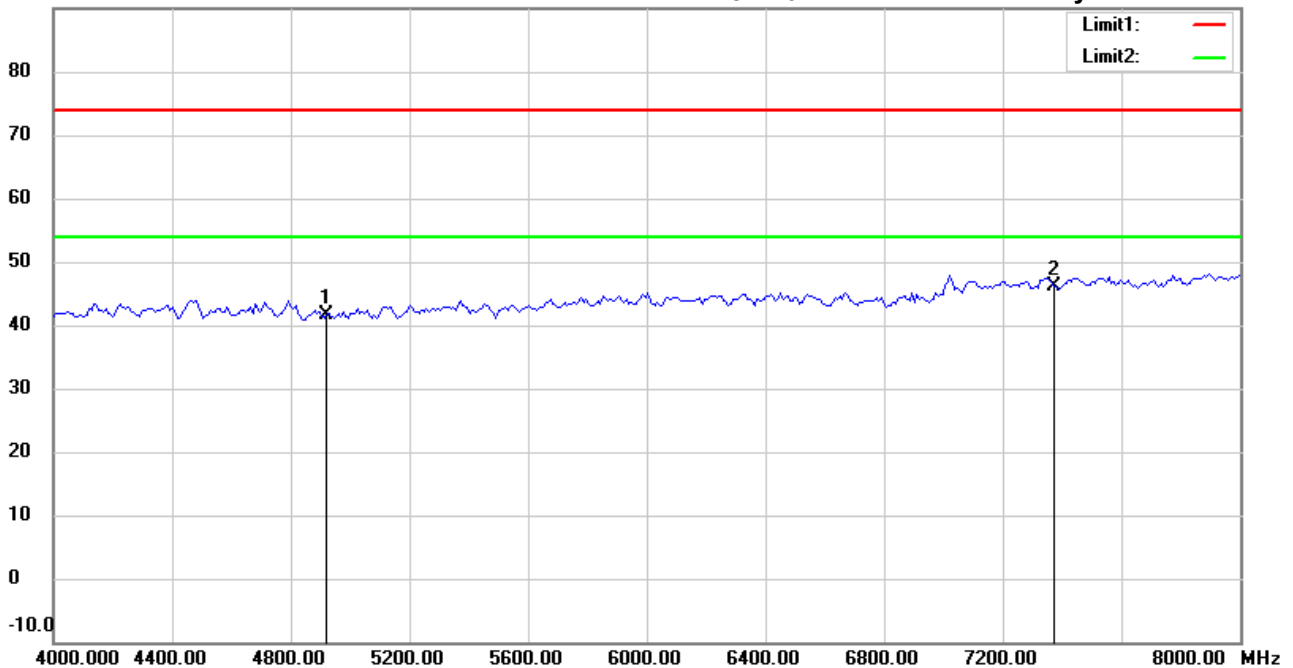
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 2:07:42 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4914.000	40.99	peak	0.69	41.68	74.00	150	80	-32.32	
*	7371.000	40.20	peak	5.91	46.11	74.00	150	175	-27.89	

*: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

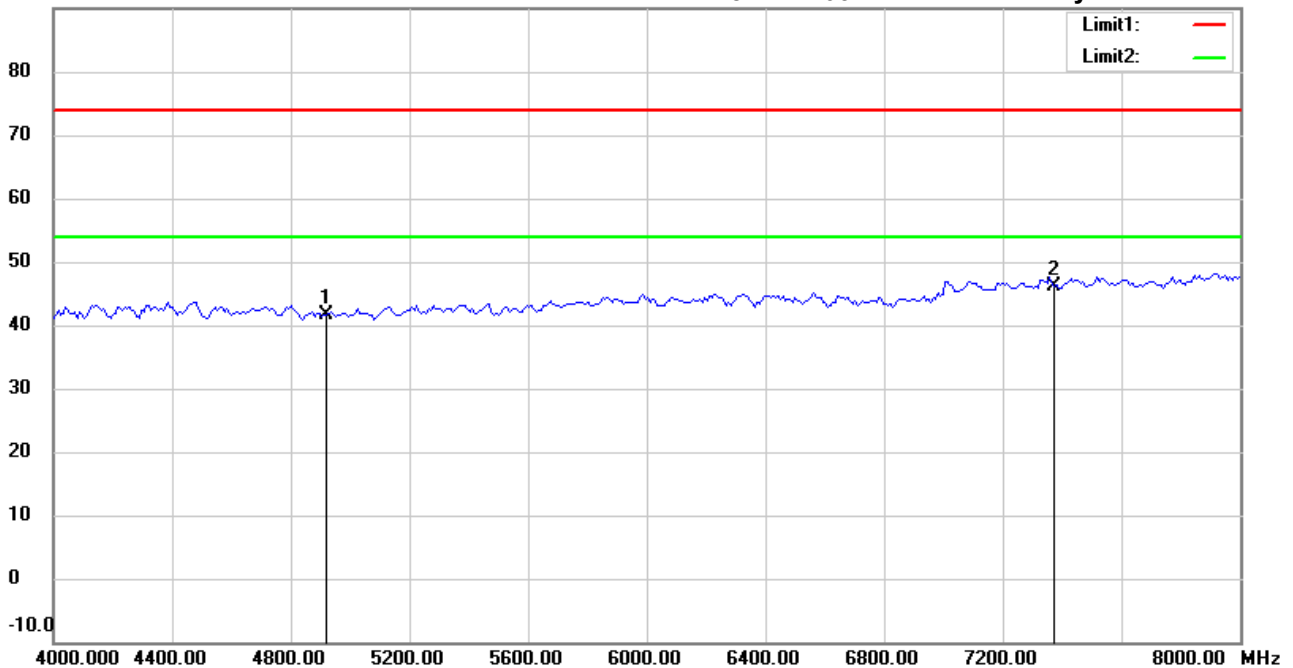
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 2:11:03 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4914.000	41.05	peak	0.69	41.74	74.00	150	285	-32.26	
*	7371.000	40.15	peak	5.91	46.06	74.00	150	70	-27.94	

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



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

Operator: Leon

File :3

Data :#3

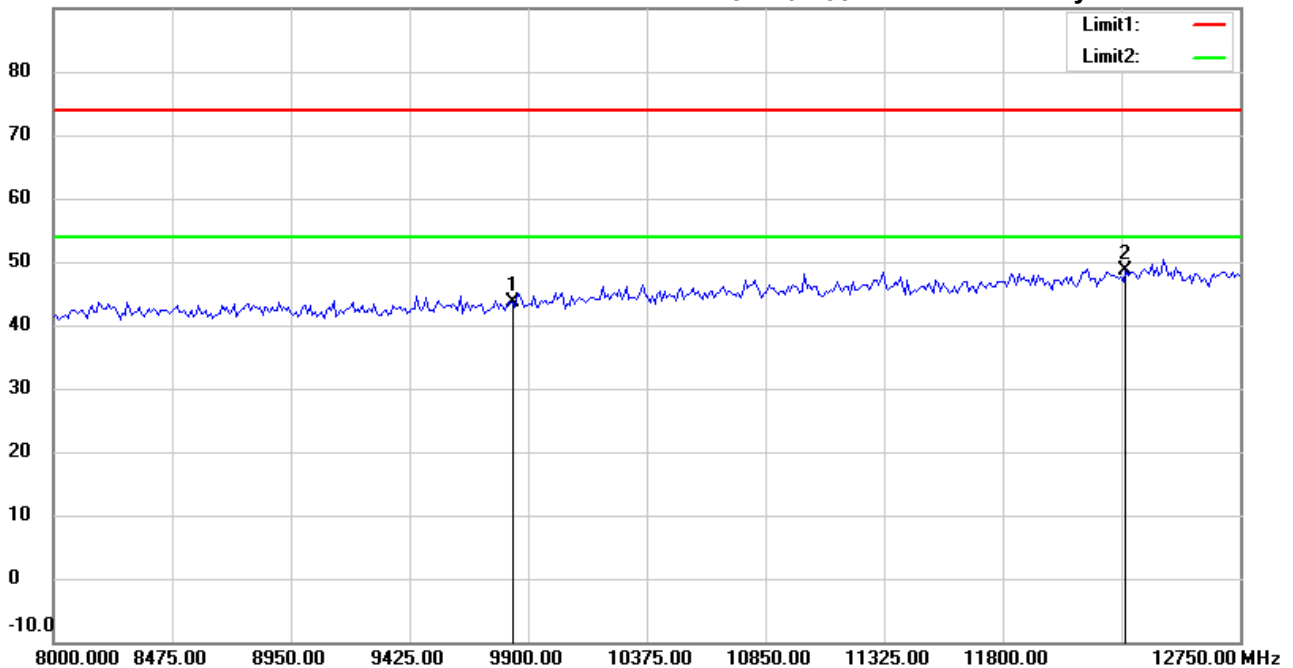
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 2:07:55 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: **Horizontal**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9828.000	34.59	peak	9.10	43.69	74.00	150	236	-30.31	
*	12285.000	34.03	peak	14.60	48.63	74.00	150	98	-25.37	

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



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

Operator: Leon

File :3

Data :#8

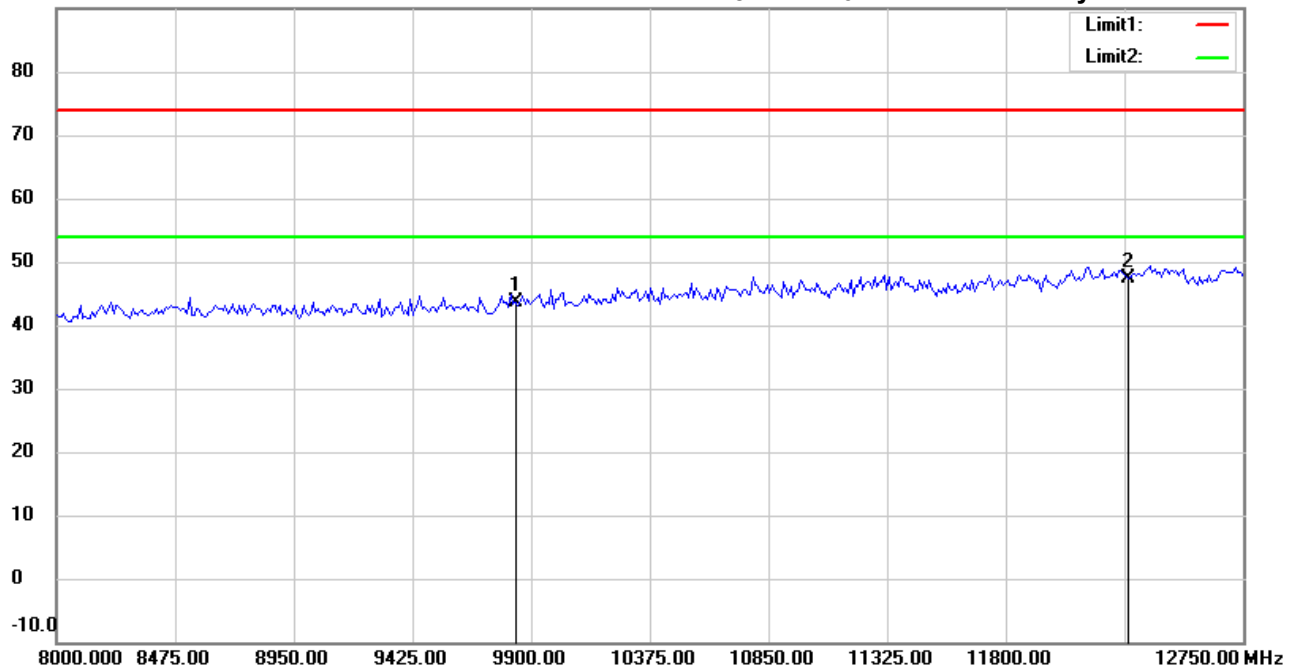
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 2:11:16 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9828.000	34.52	peak	9.10	43.62	74.00	150	146	-30.38	
*	12285.000	32.68	peak	14.60	47.28	74.00	150	243	-26.72	

*: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 : #4

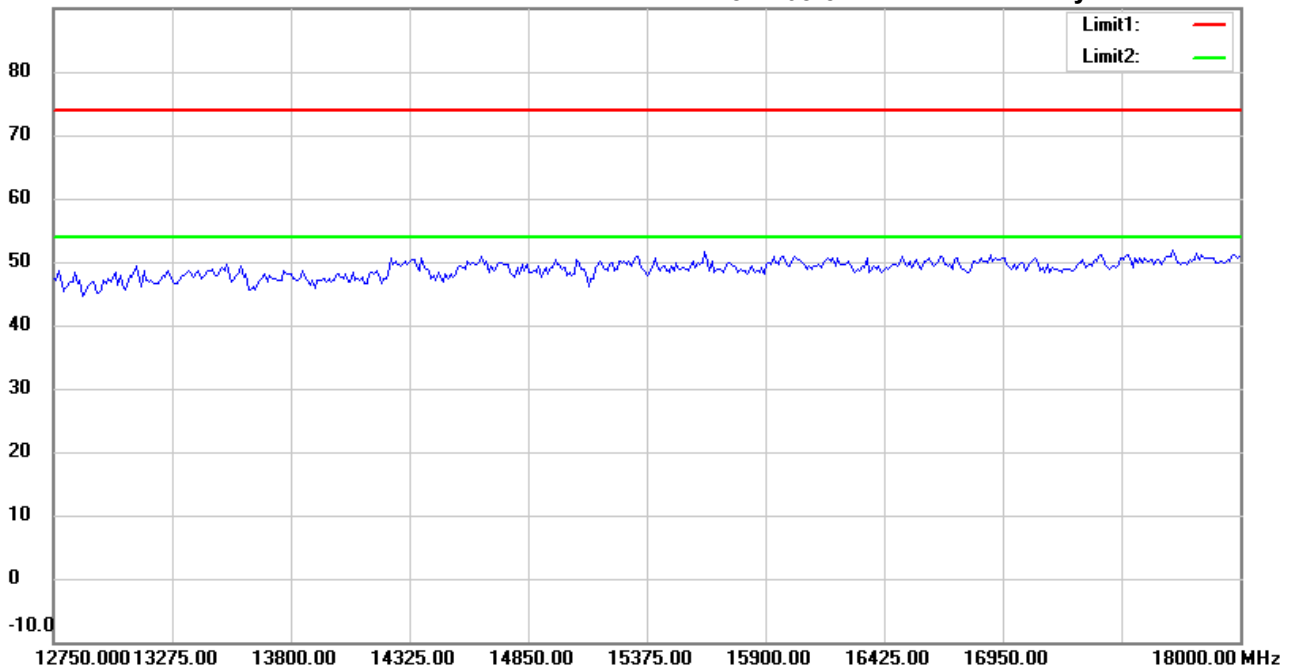
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 2:08:52 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	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

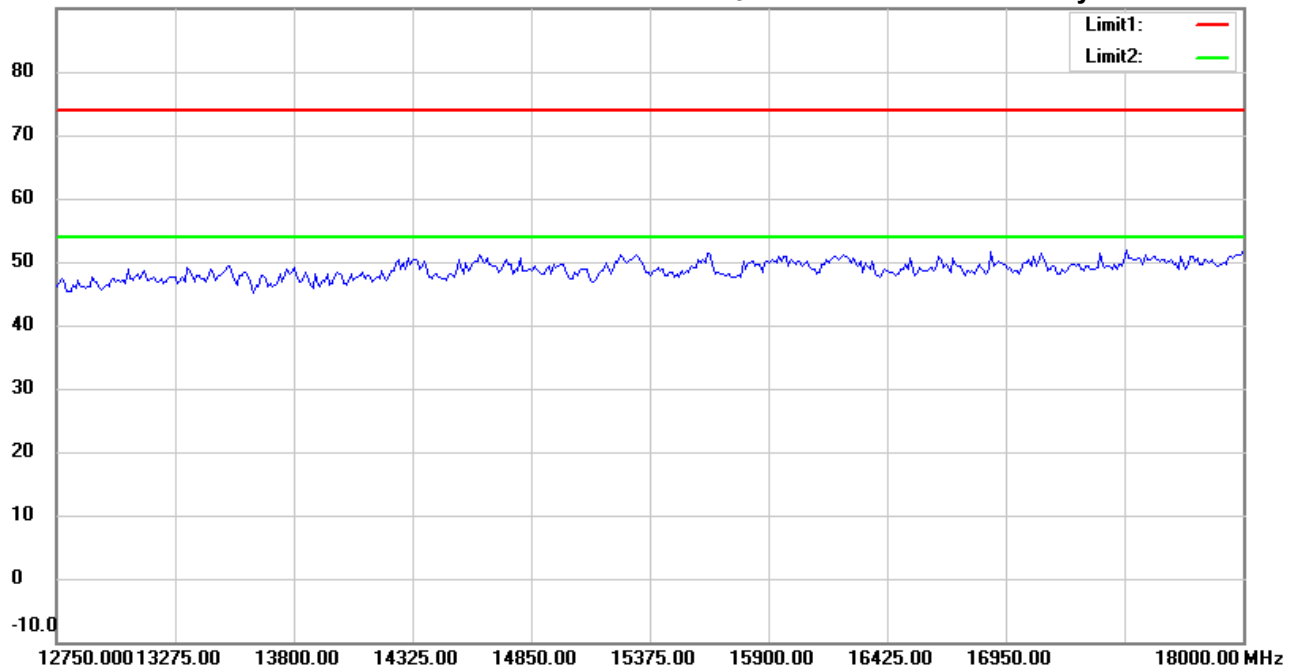
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 2:12:17 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: *Vertical*

Power : 3 Vd.c.

Distance: 3m

Mk.	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

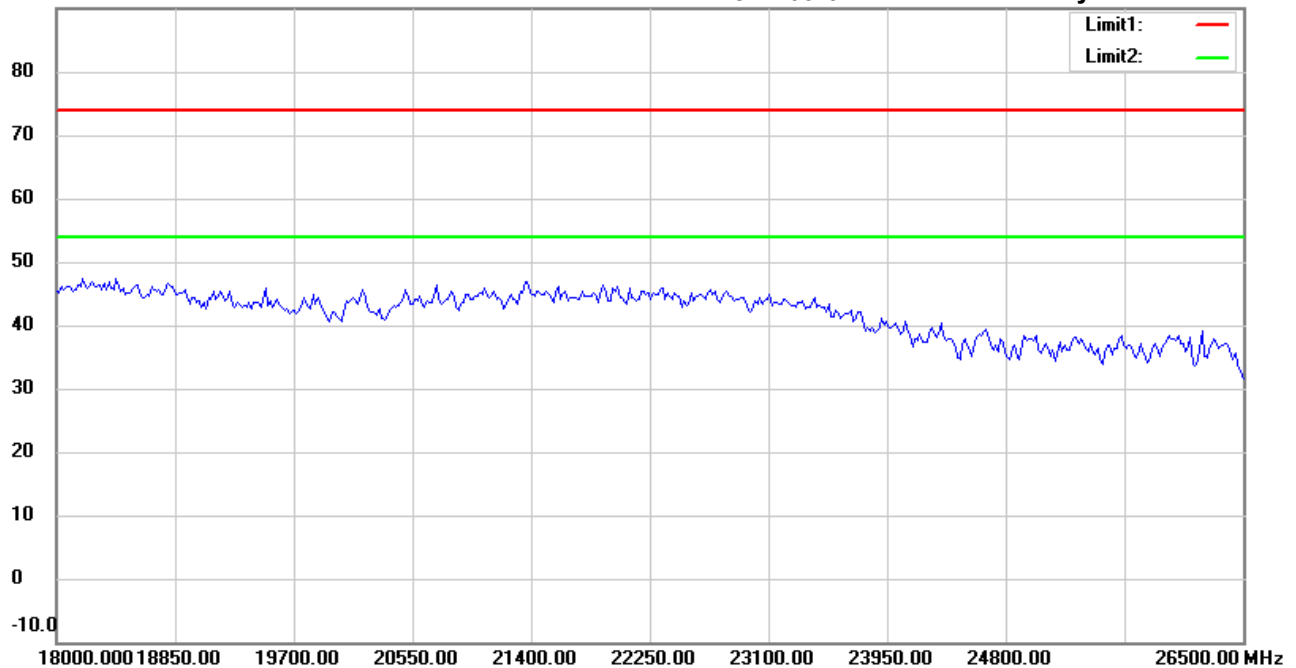
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 2:09:02 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	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

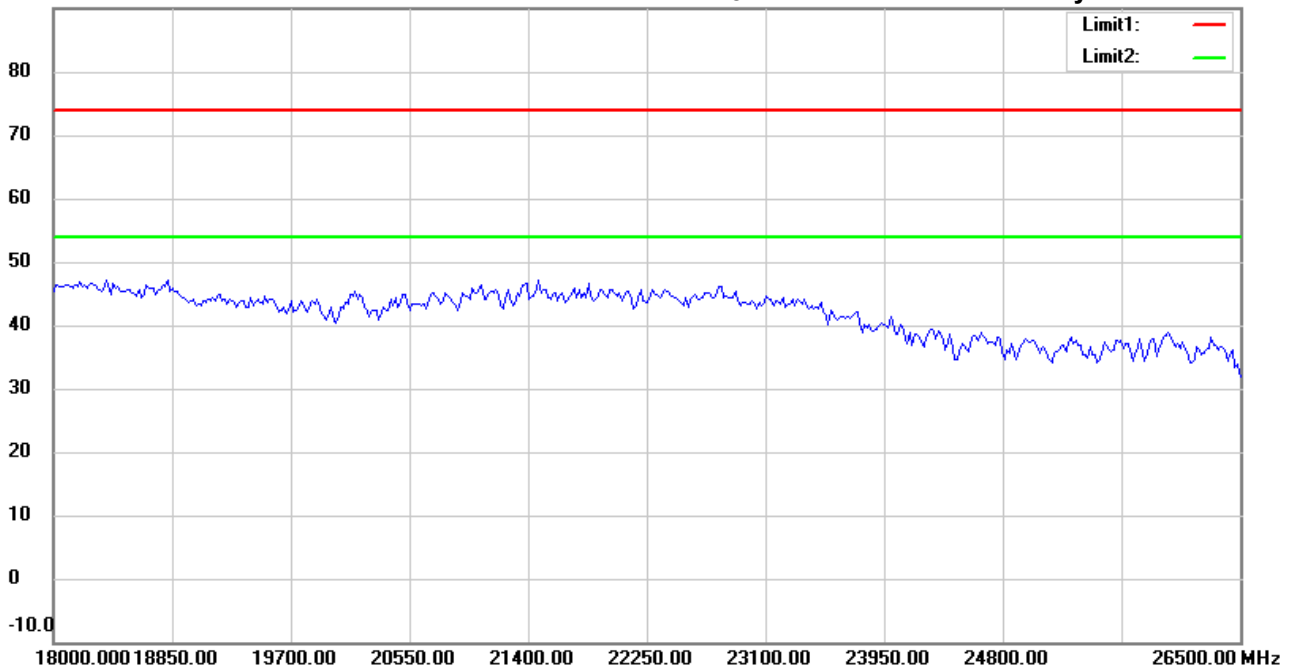
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 2:12:27 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2457MHz

Note :

Polarization: *Vertical*

Power : 3 Vd.c.

Distance: 3m

Mk.	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: Sky

File :1

Data :#1

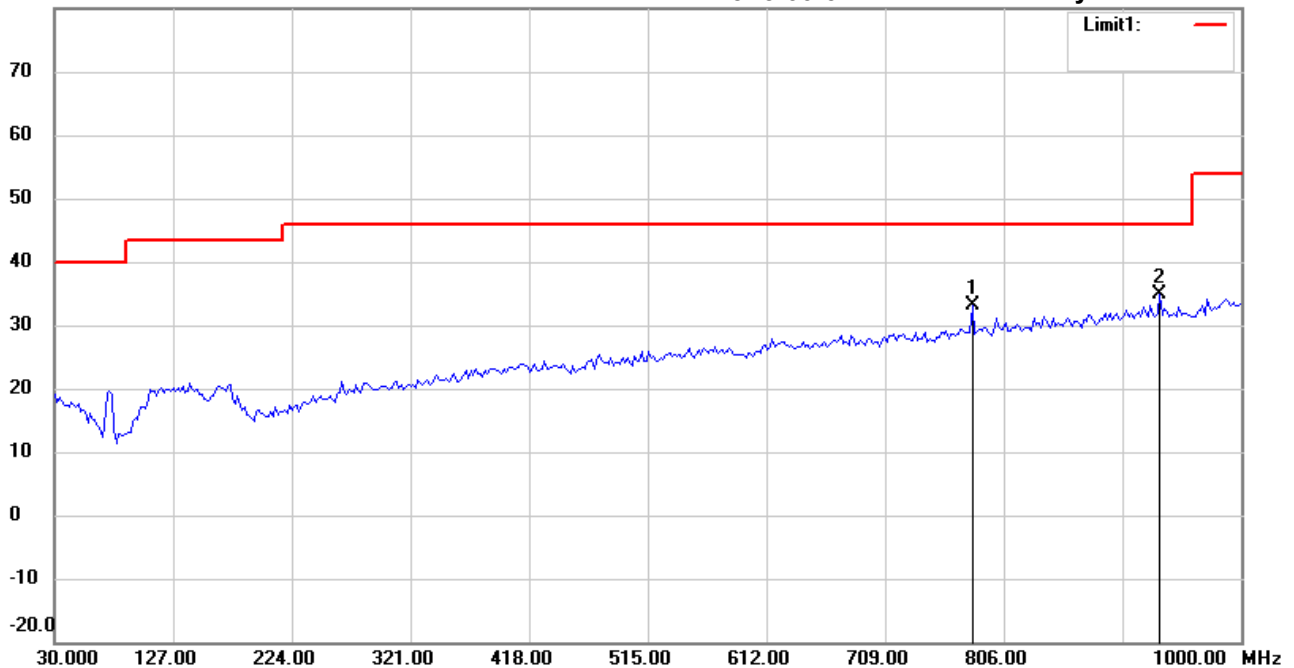
Date: 6/25/2018

Temperature:27.6 °C

80.0 dBuV/m

Time: 8:33:54 AM

Humidity:67.9 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	780.3407	30.99	peak	2.21	33.20	46.00	100	225	-12.80	
*	933.9078	29.44	peak	5.43	34.87	46.00	100	30	-11.13	

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



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Radiated Emission Measurement

Operator: Sky

File :1

Data :#2

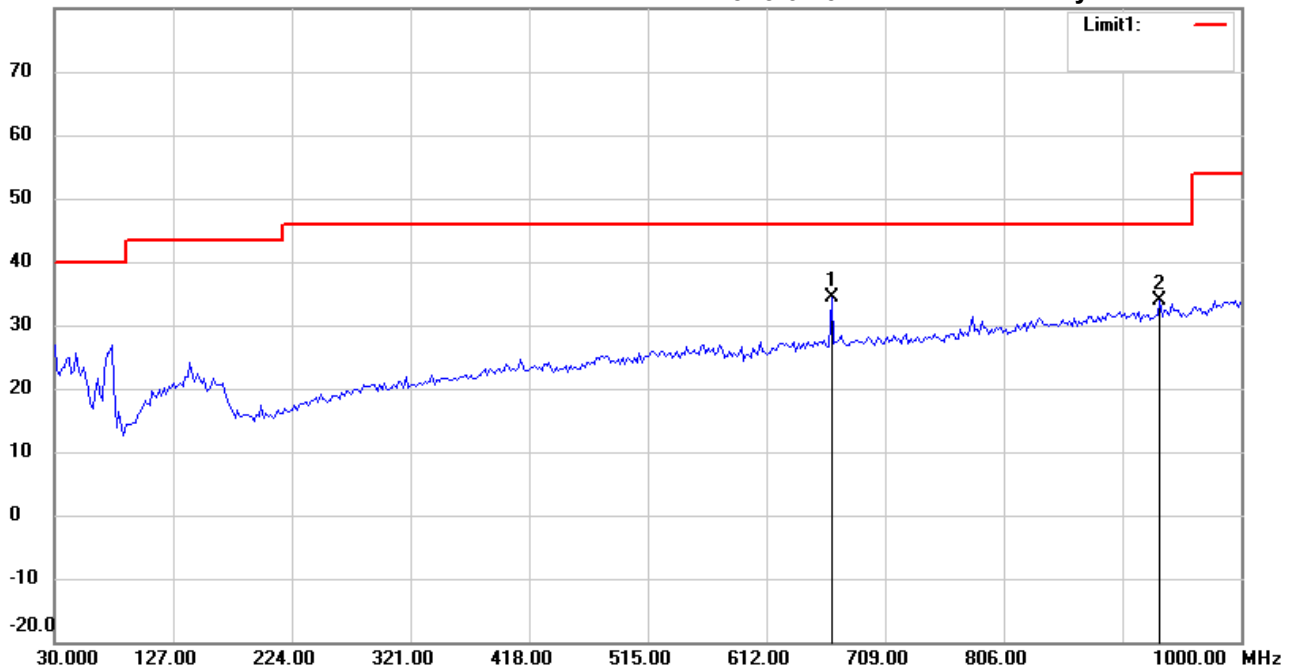
Date: 6/25/2018

Temperature:27.6 °C

80.0 dBuV/m

Time: 8:34:54 AM

Humidity:67.9 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: *Vertical*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	665.6513	33.81	peak	0.51	34.32	46.00	100	260	-11.68	
	933.9078	28.46	peak	5.43	33.89	46.00	100	90	-12.11	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

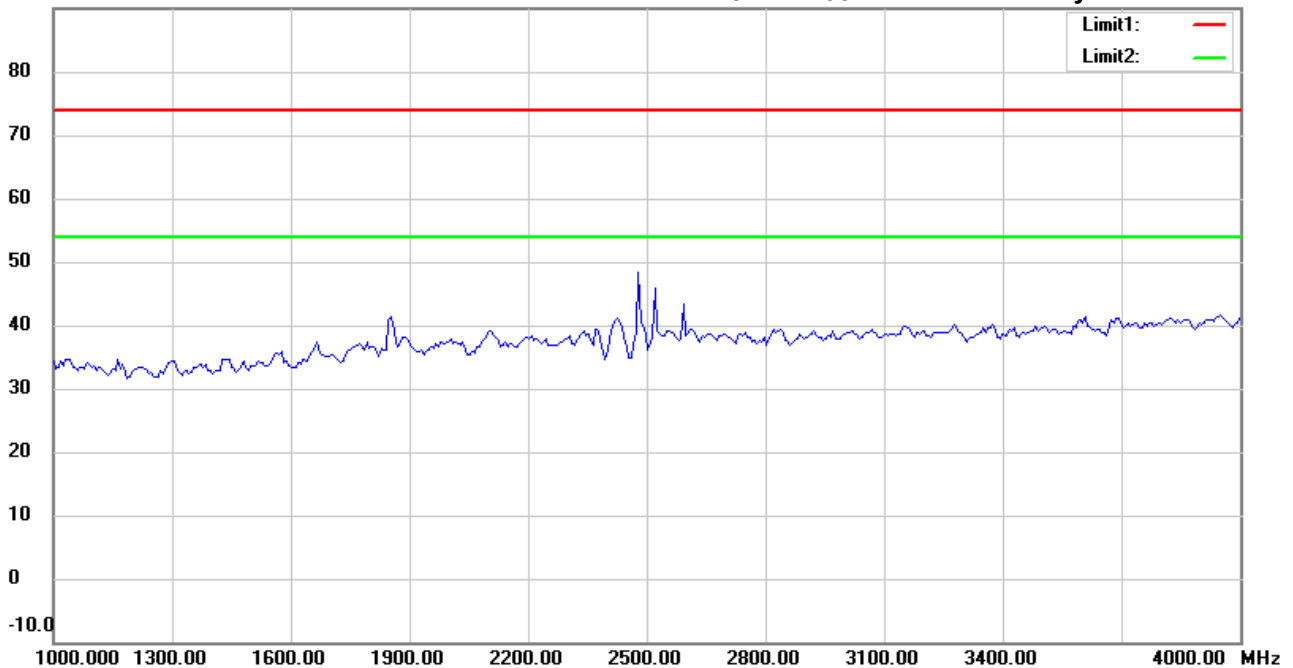
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 2:21:35 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	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

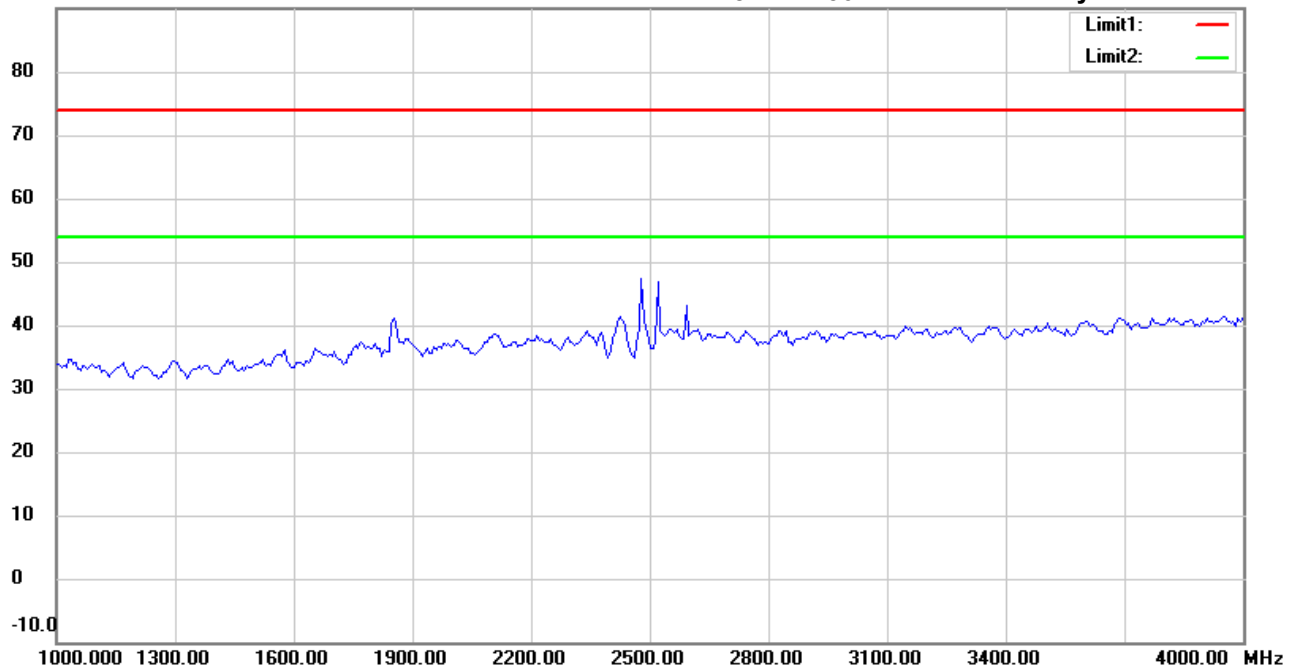
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 2:24:56 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	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

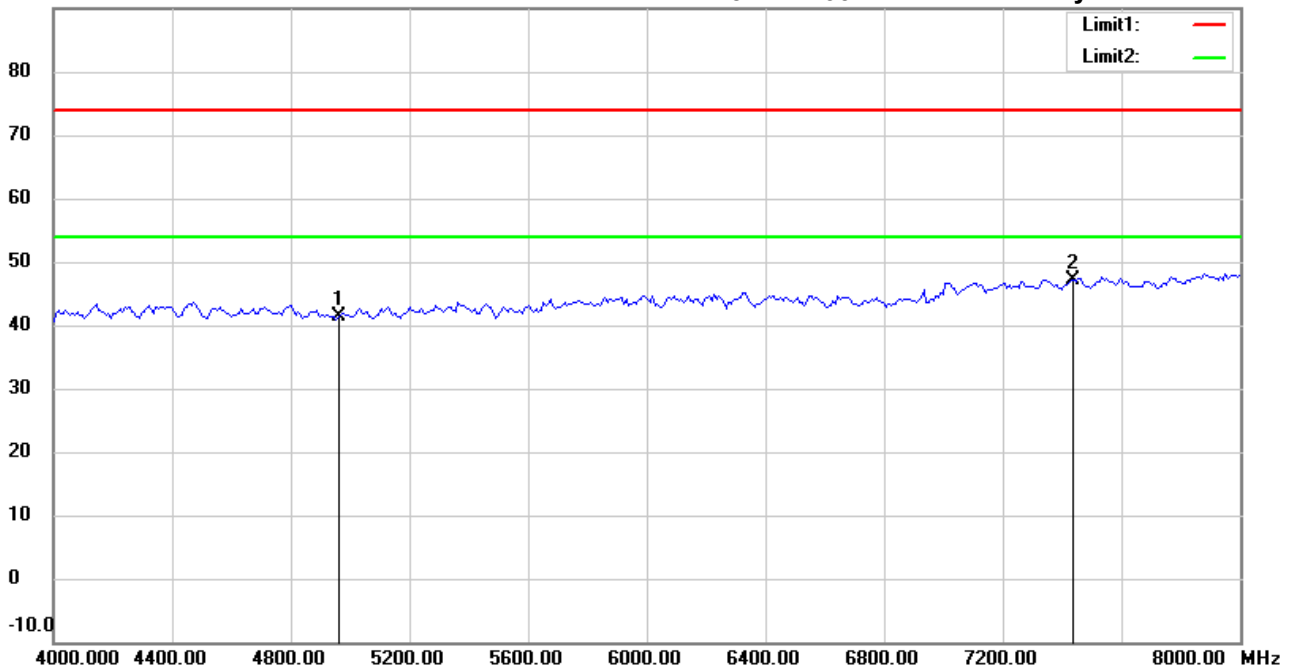
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 2:22:35 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4958.000	40.64	peak	0.77	41.41	74.00	150	251	-32.59	
*	7437.000	41.04	peak	6.00	47.04	74.00	150	176	-26.96	

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



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

Operator: Leon

File :3

Data :#7

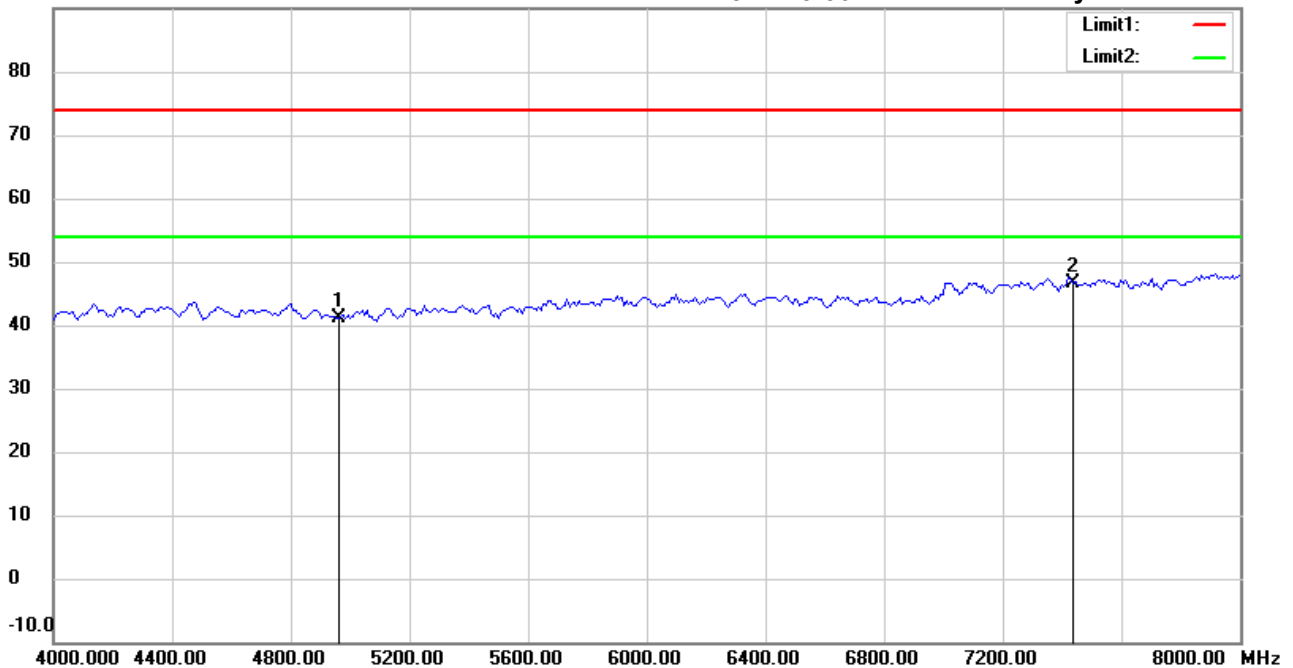
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 2:25:56 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: **Vertical**

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4958.000	40.40	peak	0.77	41.17	74.00	150	175	-32.83	
*	7437.000	40.63	peak	6.00	46.63	74.00	150	246	-27.37	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

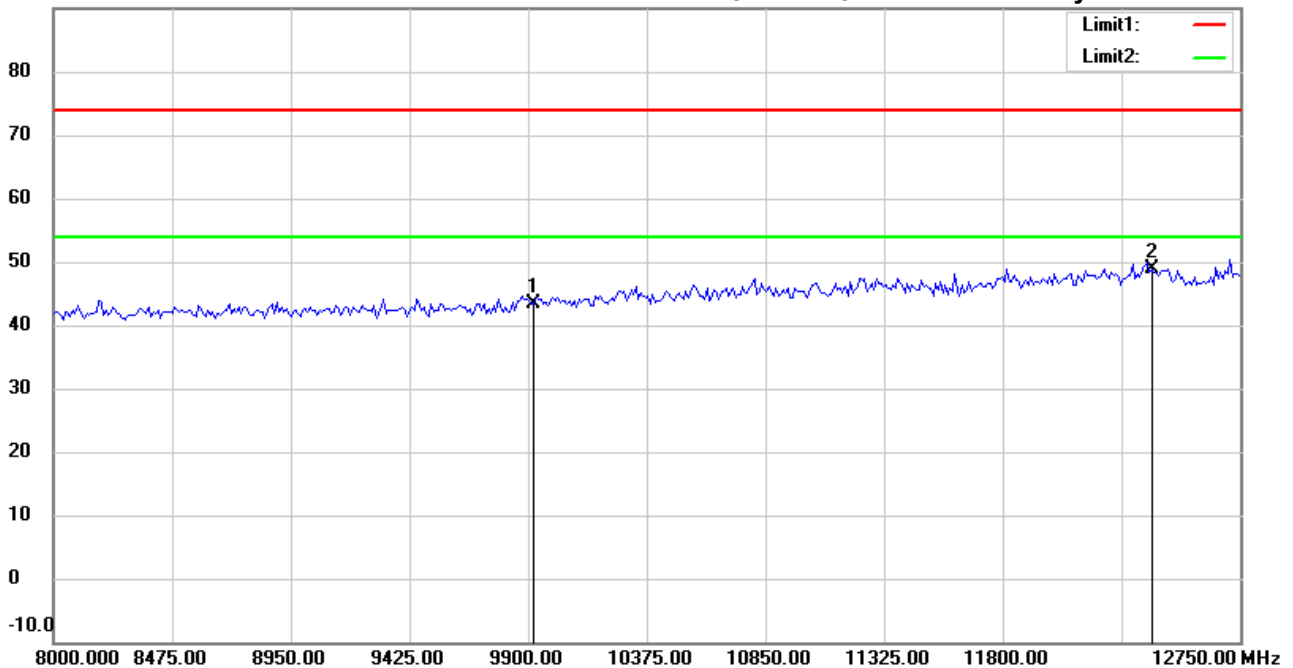
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 2:22:48 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9916.000	33.76	peak	9.71	43.47	74.00	150	96	-30.53	
*	12395.000	33.25	peak	15.70	48.95	74.00	150	227	-25.05	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

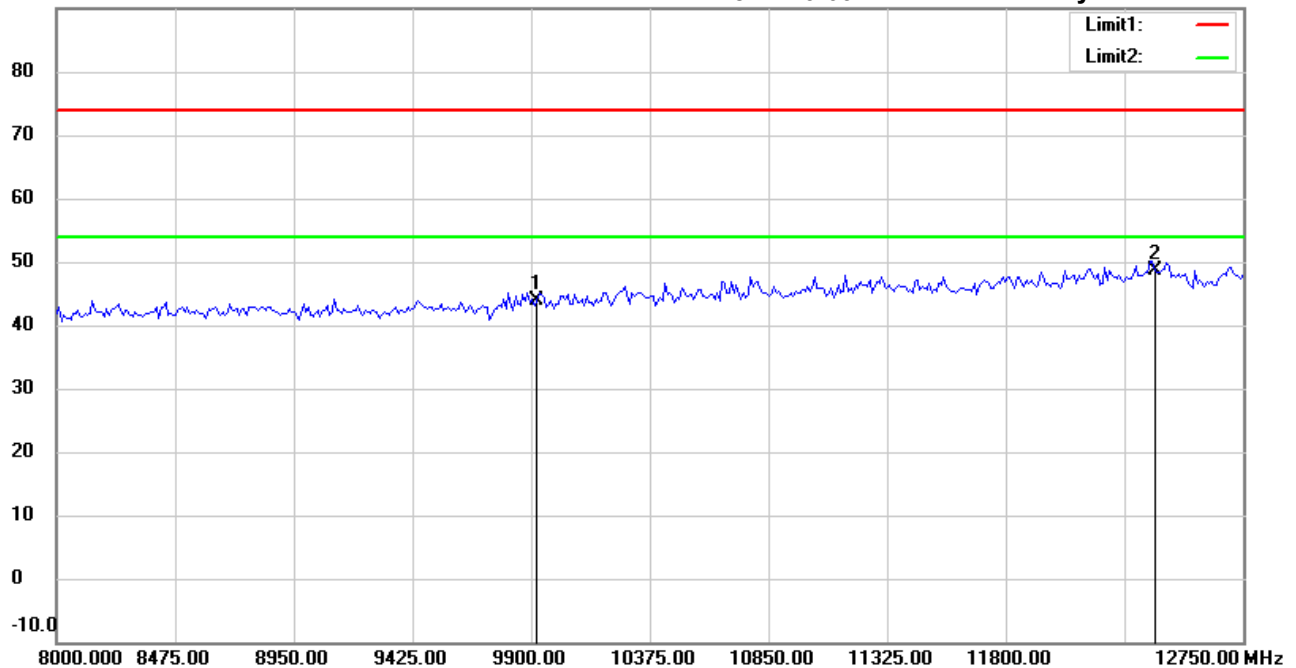
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 2:26:09 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: Vertical

Power : 3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9916.000	34.29	peak	9.71	44.00	74.00	150	295	-30.00	
*	12395.000	32.83	peak	15.70	48.53	74.00	150	60	-25.47	

*: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 :#4

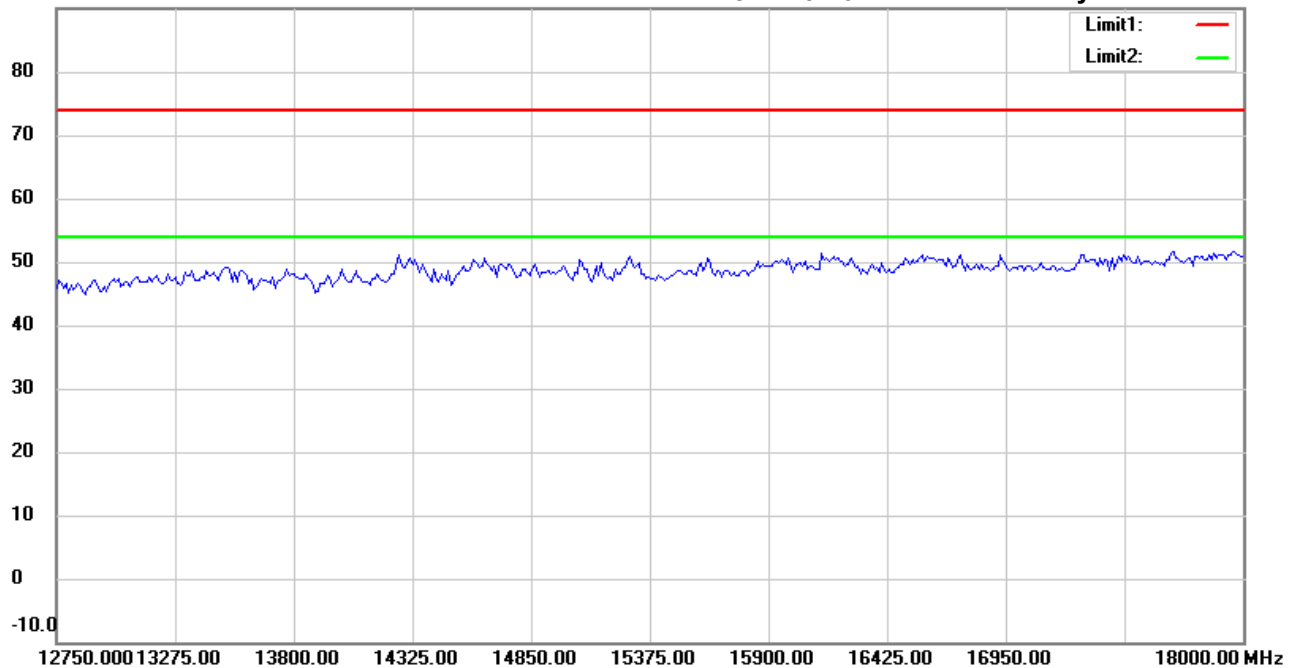
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 2:23:46 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	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

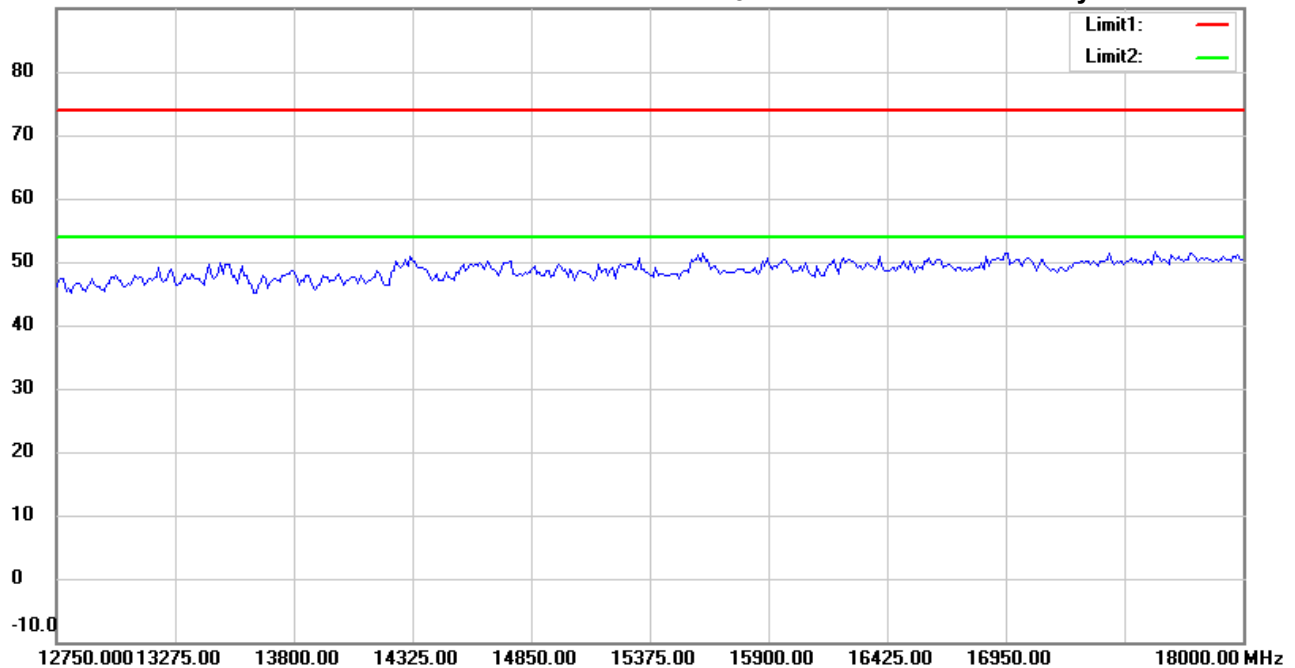
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 2:27:11 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: *Vertical*

Power : 3 Vd.c.

Distance: 3m

Mk.	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

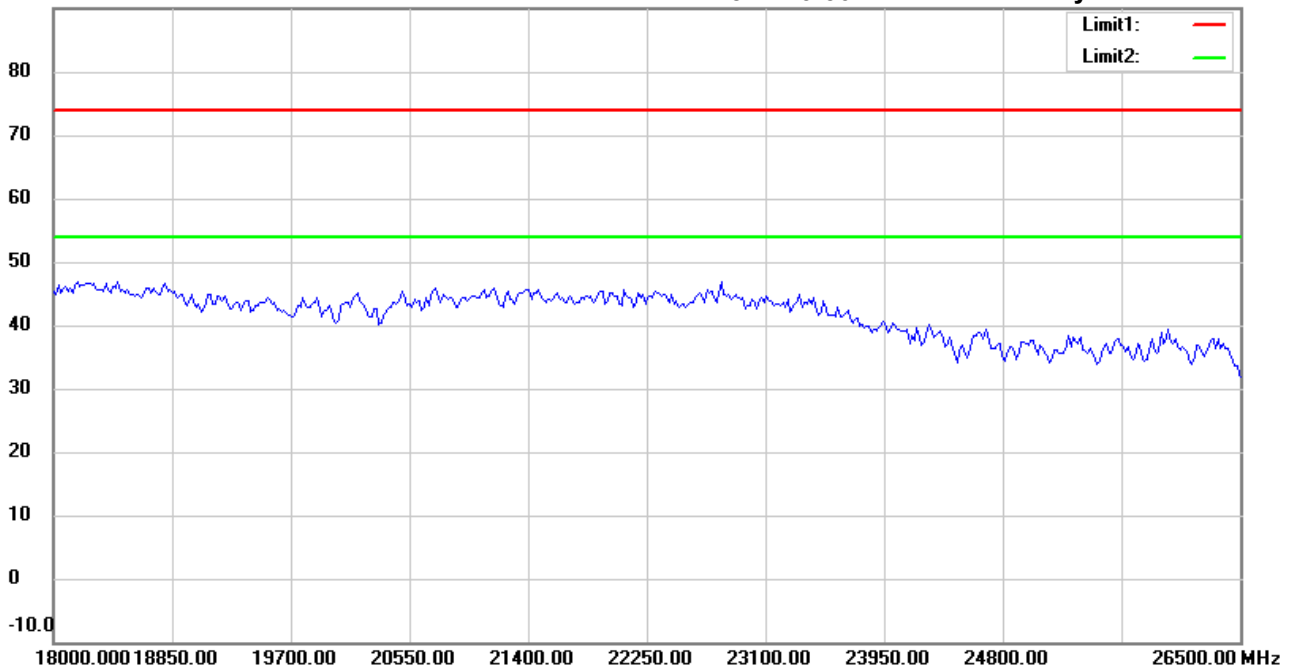
Date: 6/25/2018

Temperature: 26.1 °C

90.0 dBuV/m

Time: 2:23:56 AM

Humidity: 68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: *Horizontal*

Power : 3 Vd.c.

Distance: 3m

Mk.	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

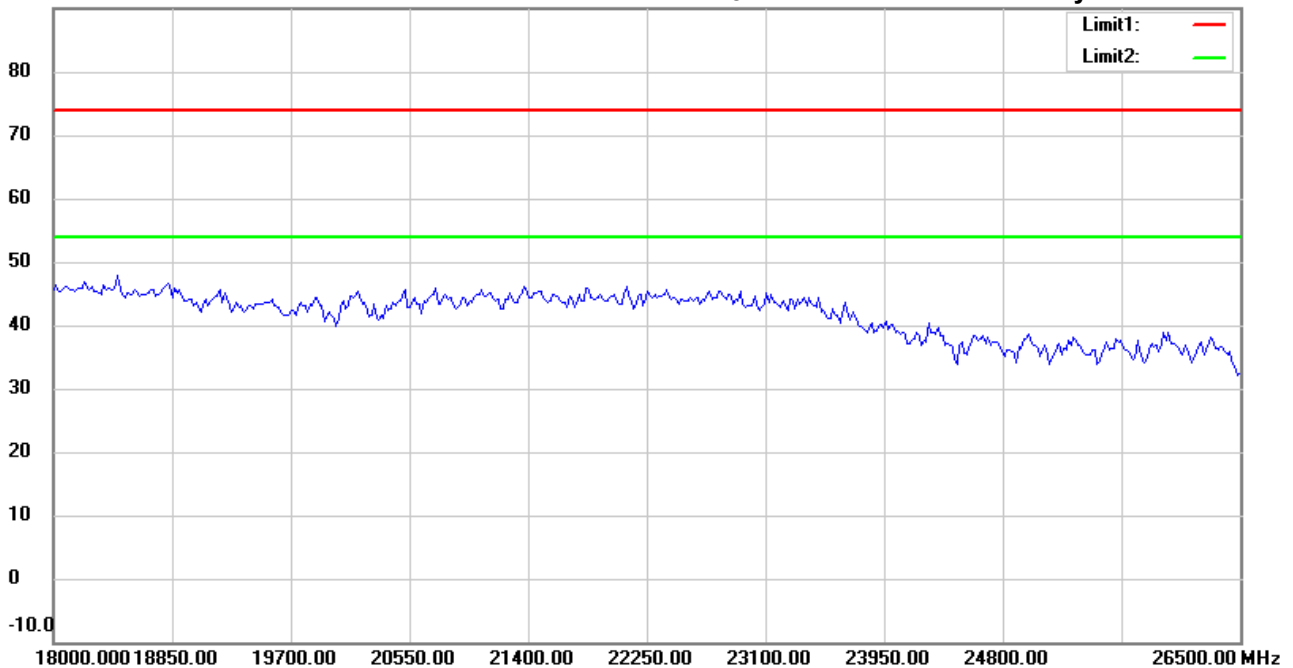
Date: 6/25/2018

Temperature:26.1 °C

90.0 dBuV/m

Time: 2:27:21 AM

Humidity:68.5 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21804-18009

M/N:

Test Mode : TX 2479MHz

Note :

Polarization: *Vertical*

Power : 3 Vd.c.

Distance: 3m

Mk.	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