

FCC PART 15 SUBPART B TEST REPORT
for
Tablet Computer
Model No.: DR13

of

Applicant: **MilDef Crete Inc.**

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

Tested and Prepared
by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: TW1477, TW0020, TW1072

Industry Canada filed test laboratory Reg. No. 20037

A2LA Accredited No.: 2732.01



Report No.: W6M21910-19416-P-15B

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

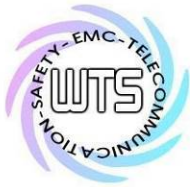
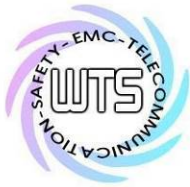


TABLE OF CONTENTS

1	GENERAL INFORMATION	2
1.1	NOTES	2
1.2	TESTER	4
1.3	TESTING LABORATORY	5
1.3.1	<i>Location</i>	<i>5</i>
1.3.2	<i>Details of accreditation status</i>	<i>5</i>
1.3.3	<i>Test location, where different from Worldwide Testing Services(Taiwan) Co., Ltd.</i>	<i>5</i>
1.4	DETAILS OF APPLICANT	5
1.5	APPLICATION DETAILS	6
1.6	TEST ITEM.....	6
1.6.1	<i>Description of test item</i>	<i>6</i>
1.6.2	<i>Manufacturer (if different from applicant in point 1.4).....</i>	<i>6</i>
1.6.3	<i>Frequency behavior</i>	<i>6</i>
1.7	TEST STANDARDS	6
1.8	TEST CONFIGURATION	6
2	TECHNICAL TEST	7
2.1	SUMMARY OF TEST RESULTS.....	7
2.2	TEST ENVIRONMENT	7
2.3	TEST EQUIPMENT UTILIZED.....	8
2.4	TEST RESULTS.....	11
2.4.1	<i>Radiated Emission</i>	<i>12</i>
2.4.2	<i>Conducted Emission</i>	<i>13</i>
2.5	TEST PROTOCOLS	14
2.5.1	<i>Radiated Emission</i>	<i>14</i>
2.5.2	<i>Conducted Emission</i>	<i>34</i>
2.6	EQUIPMENT MODIFICATION.....	36
3	NORMATIVE REFERENCES.....	37
Appendix		



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 tests were carried out and passed in accordance to the standards:

FCC part 15 Subpart B : October 2018

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

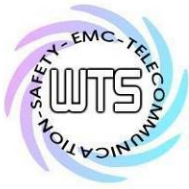
Furthermore, there is no guarantee that a test sample which has passed all the relevant tests conforms to a specification (only telecommunication products).

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 1.6.

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Registration number: W6M21910-19416-P-15B

Important Notes:

Proper labelling is required for each device. Devices shall be labelled in accordance with labelling requirements pursuant to section 15.19 and section 2.1074 of the FCC rules.

Devices subject to a Declaration of Conformity shall be uniquely identified by the responsible party.

This identification shall not be of a format which could be confused with the FCC Identifier required on certified, notified type accepted or type approved equipment.

The responsible party shall maintain adequate identification records to facilitate positive identification for each device.

The user manual or instruction manual shall include a warning statement that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Reference Section 15.21

Furthermore information to the user regarding to the interference potential of the device and about simple measures that can be taken to correct interference is required.

Reference Section 15.105

The responsible party must warrant that each unit of equipment marketed under a Declaration of Conformity is identical to the unit tested and found acceptable with the standards and that the records maintained by the responsible party continue to reflect the equipment being produced under the Declaration of Conformity within the variation that can be expected due to quantity production and testing on a statistical basis.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

1.2 Tester

November 8, 2019

Syuan Chang

Syuan

Date

WTS-Lab.

Test Engineer

Signature

Technical responsibility for area of testing:

November 8, 2019

Kevin Wang

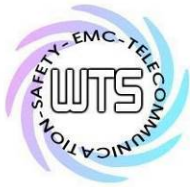
Kevin Wang

Date

WTS

Name

Signature



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1.3 Testing laboratory

1.3.1 Location

10m 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

1.3.2 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. 20037

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

Name: ./.

Accredited number: ./.

Street: ./.

Town: ./.

Country: ./.

Telephone: ./.

Fax: ./.

1.4 Details of applicant

Name: MilDef Crete Inc.

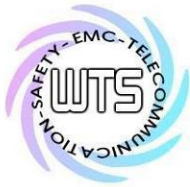
Street: 7F, No. 250, Sec.3, Pei Shen Rd., Shen Keng District,

City: New Taipei City

Country: Taiwan R.O.C.

Telephone: 886 2 2662 6074

Fax: 886 2 2662 6079



Registration number: W6M21910-19416-P-15B

1.5 Application details

Date of receipt of test item: October 15, 2019
Date of test: from October 15, 2019 to November 5, 2019

1.6 Test item

1.6.1 Description of test item

Type of product: Tablet Computer
Type identification: DR13
Multi-listing model number: ./.
Brand Name: MilDef Crete

1.6.2 Manufacturer (if different from applicant in point 1.4)

Name: ./.
Street: ./.
Town: ./.
Country: ./.
Phone: ./.
Fax: ./.

1.6.3 Frequency behavior

Highest frequency generated in the device or on which the device operates or tunes (MHz)		Upper frequency of measurement range (MHz)
☐	Below 1.705	30
☐	1.705 - 108	1000
☐	108 - 500	2000
☐	500 - 1000	5000
☒	Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

1.7 Test standards

FCC part 15 Subpart B : October 2018
ANSI C63.4-2014

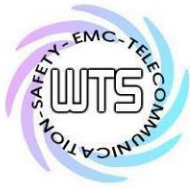
1.8 Test configuration

Charge

1. The EUT was powered up by an adaptor.
2. USB ports of EUT connected keyboard, portable hard disk and RS232 port connected to cable.
3. Using the software" BurnInTest" to make the peripheral work.
4. The monitor kept displaying the pattern of "H" until test finished.

Battery

1. The EUT was powered up by battery.
2. USB ports of EUT connected keyboard, portable hard disk and RS232 port connected to cable.
3. Using the software" BurnInTest" to make the peripheral work.
4. The monitor kept displaying the pattern of "H" until test finished.



Registration number: W6M21910-19416-P-15B

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 were ascertained in the course of the tests performed. ☐

2.2 Test environment

Relative humidity content: 20 ... 75 %

Air pressure: 860 ... 1030 hPa

Details of power supply: Adaptor (Input: 100-240V~50-60Hz 1.2A MAX.
Output: 19V=4.74A)
Battery 10.8V=5800mAh, 63Wh

Other parameters: without

Test item Name	Measurement Uncertainty
Estimation Result of Uncertainty of Conducted Emission	Expanded Uncertainty: AMN:1.30 dB Voltage probe:1.36 dB
Estimation Result of Uncertainty of Radiated Emission(3M)	Expanded Uncertainty: 0.009-30 MHz:2.02 dB 30-1000 MHz:3.49 dB 1-18 GHz:3.01 dB 18-40 GHz:2.43 dB
Estimation Result of Uncertainty of Radiated Emission(10M)	Expanded Uncertainty : 0.009-30MHz : 2.05 dB 30-1000 MHz : 3.37 dB

The decision rule is : Measurement uncertainty is not taken into account.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

2.3 Test equipment utilized

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2019/6/4	2020/6/3
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 004	ZWEILEITER-V-NETZNAHBILDUNG TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2019/10/31	2020/10/30
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2019/9/24	2020/9/23
ETSTW-CE 008	HF-EICHELLEITUNG 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	2019/7/23	2020/7/22
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2019/10/3	2020/10/2
ETSTW-CE 028	MXE EMI Receiver	N9038A	MY53220110	Agilent	2019/7/18	2020/7/17
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2019/6/4	2020/6/3
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2019/5/29	2020/5/28
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	2019/7/25	2020/7/24
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2019/7/22	2020/7/21
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2019/4/2	2020/4/1
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2019/1/29	2020/1/28
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2019/4/23	2020/4/22
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2019/5/13	2020/5/12
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2019/2/27	2020/2/26
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2019/2/27	2020/2/26
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2019/2/27	2020/2/26
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2019/3/5	2020/3/4
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2019/2/27	2020/2/26
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2019/5/16	2020/5/15
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	2019/9/23	2020/9/22
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2019/9/18	2020/9/17
ETSTW-RE 091	Match Pad	MDCS1500	None	WOKEN	2019/5/9	2020/5/8
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2019/2/22	2020/2/21
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	2019/1/14	2020/1/13



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2019/6/3	2020/6/2
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2019/8/8	2020/8/7
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2019/8/8	2020/8/7
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2019/2/26	2020/2/25
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2019/8/8	2020/8/7
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2019/8/8	2020/8/7
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-RE 142	Amplifier	8447D	2805A03378	Agilent	2019/5/16	2020/5/15
ETSTW-RE 147	Bi-log Hybrid Antenna	MCTD 2786B	BLB16M04005	ETC	2019/4/2	2020/4/1
ETSTW-RF 002	Electromagnetic field probe	LF-30	K-0007	STT	2019/5/27	2020/5/26
ETSTW-EMI 011	USB Compact Modulator	SFC-U	101689	R&S	2019/5/16	2020/5/15
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2019/3/5	2020/3/4
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2019/3/26	2020/3/25
ETSTW-GSM 004	Wideband Radio Communication Tester	CMW500	128092	R&S	2019/10/18	2020/10/17
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2019/1/14	2020/1/13
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2019/1/14	2020/1/13
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2019/1/14	2020/1/13
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2019/1/14	2020/1/13
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2019/9/12	2020/9/11
ETSTW-GSM 024	Radio Communication Analyzer	MT8821C	None	Anritsu	2019/3/5	2020/3/4
ETSTW-GSM 025	Band Reject Filter	BRM19835	001	Micro-Tronics	2019/8/9	2020/8/8
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	2019/2/21	2020/2/20
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2019/7/2	2020/7/1
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2019/2/25	2020/2/24
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2019/5/14	2020/5/13
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2019/9/18	2020/9/17
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2019/9/18	2020/9/17
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S Cable 9)	279067	HUBER+SUHNER	2019/2/25	2020/2/24
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2019/5/16	2020/5/15
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2019/6/6	2020/6/5
ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2019/5/16	2020/5/15
ETSTW-Cable 066	SMA type cable	32022	None	ASTROLAB	2019/9/24	2020/9/23



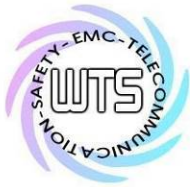
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ETSTW-Cable 071	N TYPE CABLE	EMCCFD400-NM-NM-25000	170239	EMCI	2019/6/6	2020/6/5
ETSTW-Cable 072	SMA type cable (8m)	SUCOFLEX 104	805800/4	HUBER+SUHNER	2019/5/16	2020/5/15
ETSTW-Cable 074	SMA type cable (2m)	SUCOFLEX 104	802563/4	HUBER+SUHNER	2019/5/16	2020/5/15
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	
ETSTW-TH 001	Thermohygrometer	608-H1	45204316	Testo	2019/9/9	2020/9/8
ETSTW-TH 002	Thermohygrometer	608-H1	45204317	Testo	2019/9/9	2020/9/8

Test location

OATS (10m)	No.5-1, Lishui, Shuang Sing Village, Wanli Dist., New Taipei City 207, Taiwan (R.O.C.)	☐
semi-anechoic chamber (3m)	No.35, Aly. 21, Ln. 228, Ankang Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)	☒



Registration number: W6M21910-19416-P-15B

2.4 Test results

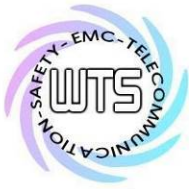
☒ 1st test

☐ test after modification

☐ production test

Test Emission / Immunity			Done	Test passed	Test failed
Emission	Radiated Emission	FCC part 15.109 Class B	☒	☒	☐
Emission	Conducted Emission	FCC part 15.107 Class B	☒	☒	☐

(The following is intentionally left blank.)



Registration number: W6M21910-19416-P-15B

2.4.1 Radiated Emission

2.4.1.1 Test Equipment

a) EMI TEST RECEIVER (ESI 40)

For your reference please find it in our test equipment list at page 8 to 10 as number : ETSTW-RE 004

b) Amplifier Module (CHC2)

For your reference please find it in our test equipment list at page 8 to 10 as number : ETSTW-RE 062

c) Preamplifier (8447D)

For your reference please find it in our test equipment list at page 8 to 10 as number : ETSTW-RE 142

d) Bi-log Hybrid Antenna (MCTD 2786B)

For your reference please find it in our test equipment list at page 8 to 10 as number : ETSTW-RE 147

e) Double-Ridged Guide Horn Antenna (3117)

For your reference please find it in our test equipment list at page 8 to 10 as number : ETSTW-RE 030

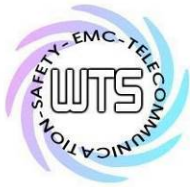
2.4.1.2 Test Procedures

- Test configuration

The test configuration corresponds to the standard ANSI C63.4. The equipment under test is placed on a non metallic table with 0.8m height. The power supply and the RF connection points are close to the equipment under test at the floor inside a connection box. The cables to this connection box are shielded and below the double floor. The receiving antenna is placed in a height at 1.0 to 4.0m, in a distance of 3m. The measurement receiver is placed in a special room.

- Test parameters and marginal conditions

The test is carried out with horizontal and vertical polarization of the antenna in a frequency range of 30 MHz to 26500 MHz. Further information please find in the test protocol.



Registration number: W6M21910-19416-P-15B

2.4.2 Conducted Emission

2.4.2.1 Test Equipment

For EZ-EMC

a) EMI TEST RECEIVER (ESHS10)

For your reference please find it in our test equipment list at page 8 to 10 as number : ETSTW-CE 001

b) TWO-LINE V-NETWORK (ENV216)

For your reference please find it in our test equipment list at page 8 to 10 as number : ETSTW-CE 016

c) ESA-E SERIES SPECTRUM ANALYZER (E4404B)

For your reference please find it in our test equipment list at page 8 to 10 as number : ETSTW-RE 045

- **Test configuration**

The test configuration is contained inside of a shielded chamber and corresponds to the standard ANSI C63.4. The equipment under test is placed in the facility on a wooden table 0.8m height. The equipment under test is connected with the artificial mains network (AMN) in a distance of 0.8m and also 0.8m from other subassembly and metallic area. The measurement receiver is placed in a special room adjacent to the chamber.

- **Test parameters and marginal conditions**

The test is carried out with nominal impedance by 50Ω / $50\mu\text{H}$ of the AMN in a frequency range 150 kHz to 30 MHz. This measurement was transacted 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.

Further information please find in test report.



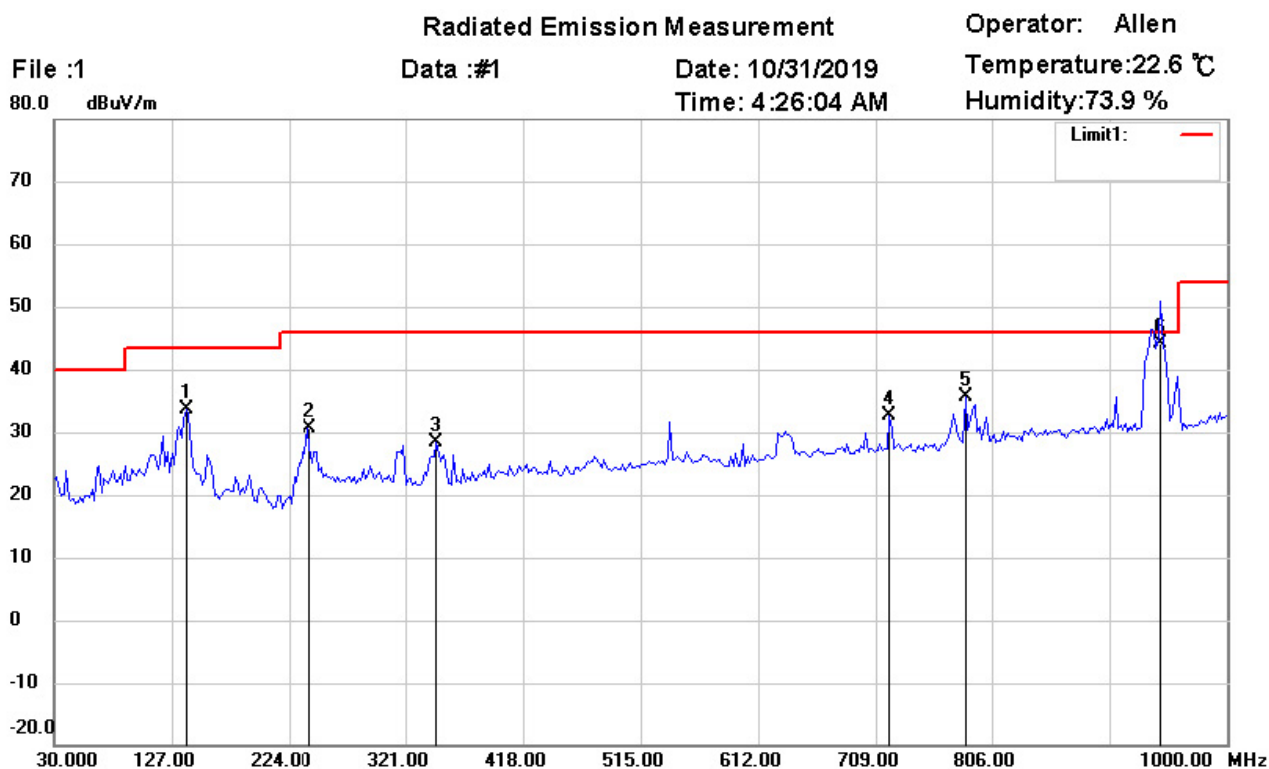
Registration number: W6M21910-19416-P-15B

2.5 Test protocols

2.5.1 Radiated Emission

Radio Noise Field Strength

Emission



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

EUT : W6M21910-19416

M/N:

Test Mode : Charge

Note :

Polarization: **Horizontal**

Power : 120 Vac.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	138.8577	40.20	QP	-6.48	33.72	43.50	100	225	-9.78	
	239.9400	39.28	QP	-8.55	30.73	46.00	100	30	-15.27	
	346.8536	33.53	QP	-5.18	28.35	46.00	100	185	-17.65	
	720.0802	32.73	QP	-0.19	32.54	46.00	100	65	-13.46	
	784.2285	34.82	QP	0.88	35.70	46.00	100	190	-10.30	
*	945.5711	40.04	QP	4.13	44.17	46.00	100	100	-1.83	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Allen

File :1

Data :#2

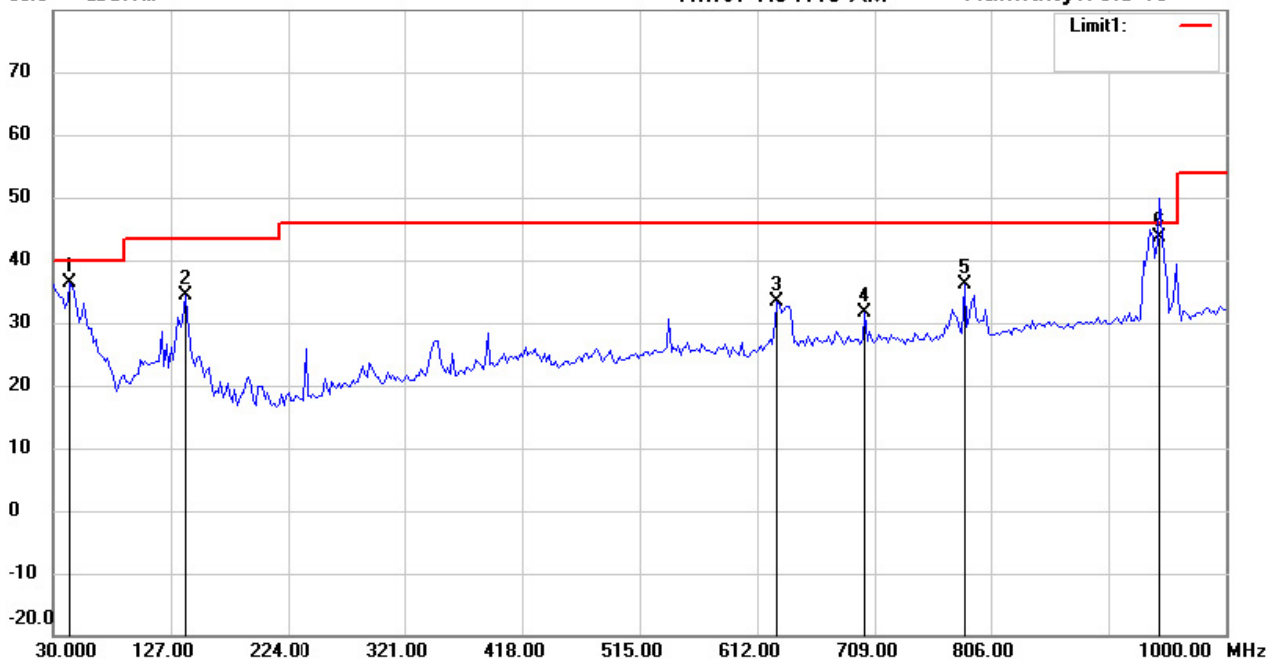
Date: 10/31/2019

Temperature:22.6 °C

80.0 dBuV/m

Time: 4:31:18 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

Polarization: **Vertical**

EUT : W6M21910-19416

Power : 120 V.a.c.

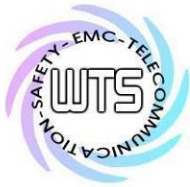
M/N:

Distance: 3m

Test Mode : Charge

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
	43.6072	46.01	QP	-9.61	36.40	40.00	100	105	-3.60	
	138.8577	40.83	QP	-6.48	34.35	43.50	100	230	-9.15	
	628.7174	34.77	QP	-1.40	33.37	46.00	100	0	-12.63	
	700.6413	32.19	QP	-0.45	31.74	46.00	100	40	-14.26	
	784.2285	35.35	QP	0.88	36.23	46.00	100	190	-9.77	
*	945.5711	39.62	QP	4.13	43.75	46.00	100	305	-2.25	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Allen

File :3

Data :#1

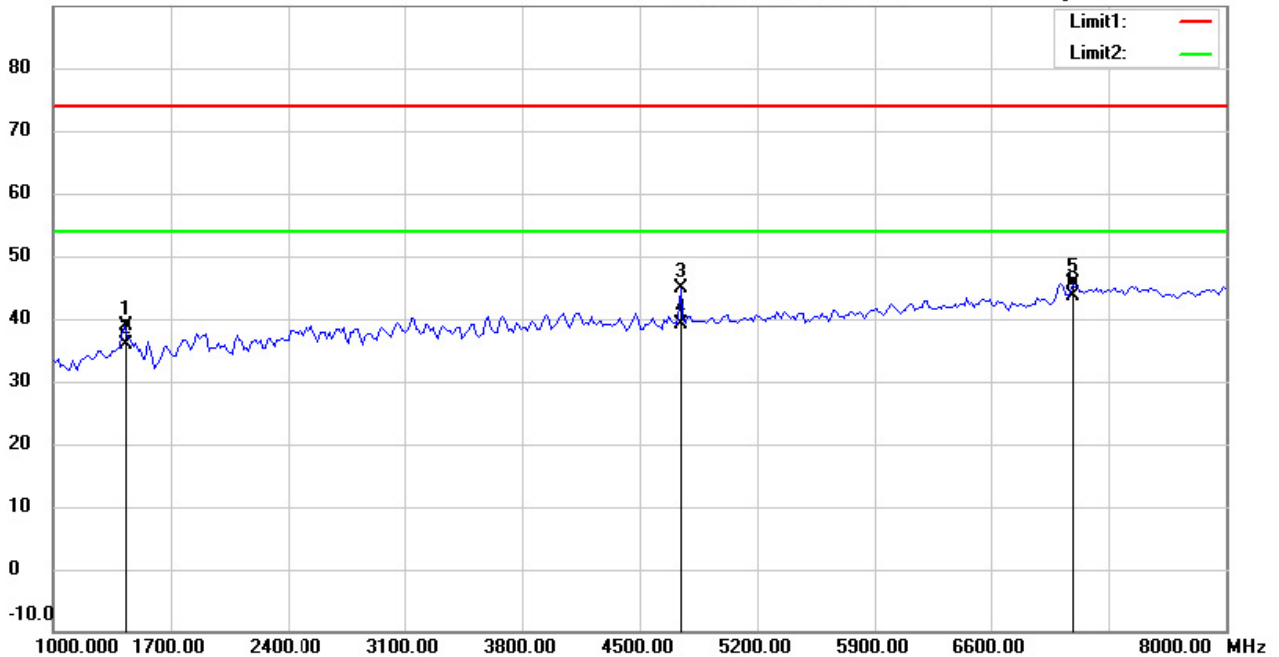
Date: 10/31/2019

Temperature:22.6 °C

90.0 dBuV/m

Time: 12:55:04 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : Charge

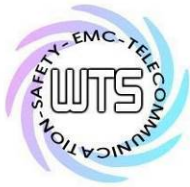
Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1420.842	48.28	peak	-9.50	38.78	74.00	100	105	-35.22	
	1420.842	45.49	AVG	-9.50	35.99	54.00	100	105	-18.01	
	4745.491	47.31	peak	-2.34	44.97	74.00	100	280	-29.03	
	4745.491	41.58	AVG	-2.34	39.24	54.00	100	280	-14.76	
	7088.176	42.02	peak	3.55	45.57	74.00	100	35	-28.43	
*	7088.176	40.17	AVG	3.55	43.72	54.00	100	35	-10.28	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Allen

File :3

Data :#5

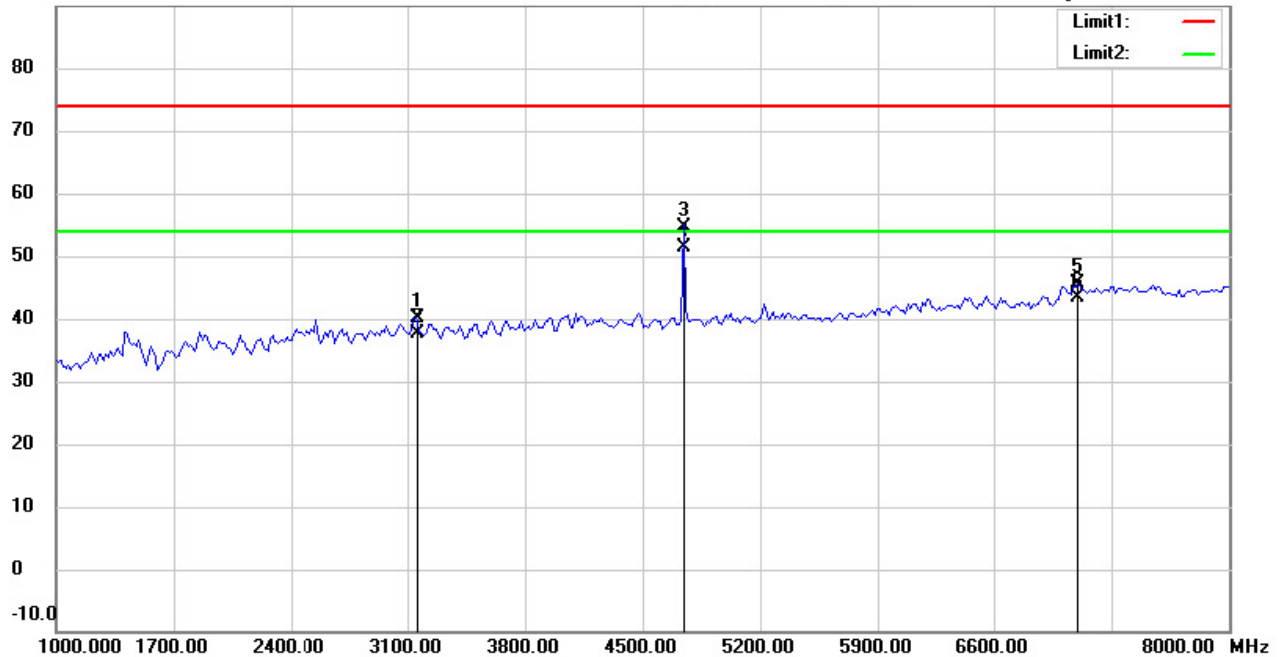
Date: 10/31/2019

Temperature:22.6 °C

90.0 dBuV/m

Time: 12:57:17 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : Charge

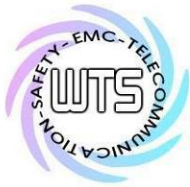
Note :

Polarization: **Vertical**

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	3146.293	43.67	peak	-3.63	40.04	74.00	100	355	-33.96	
	3146.293	41.35	AVG	-3.63	37.72	54.00	100	355	-16.28	
	4742.936	57.01	peak	-2.35	54.66	74.00	100	20	-19.34	
*	4742.936	53.71	AVG	-2.35	51.36	54.00	100	20	-2.64	
	7102.204	42.11	peak	3.54	45.65	74.00	100	140	-28.35	
	7102.204	39.82	AVG	3.54	43.36	54.00	100	140	-10.64	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Allen

File :3

Data :#2

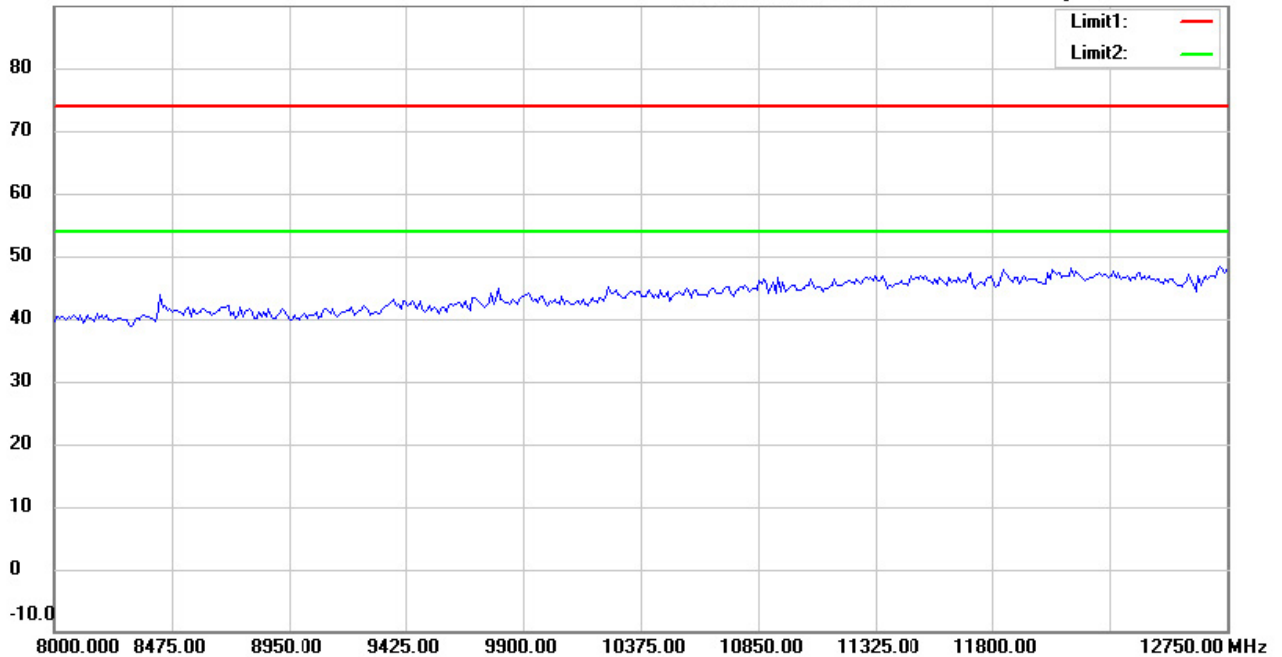
Date: 10/31/2019

Temperature:22.6 °C

90.0 dBuV/m

Time: 12:56:09 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21910-19416

Power : 120 V.a.c.

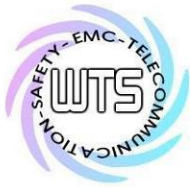
M/N:

Distance: 3m

Test Mode : Charge

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
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Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Allen

File :3

Data :#6

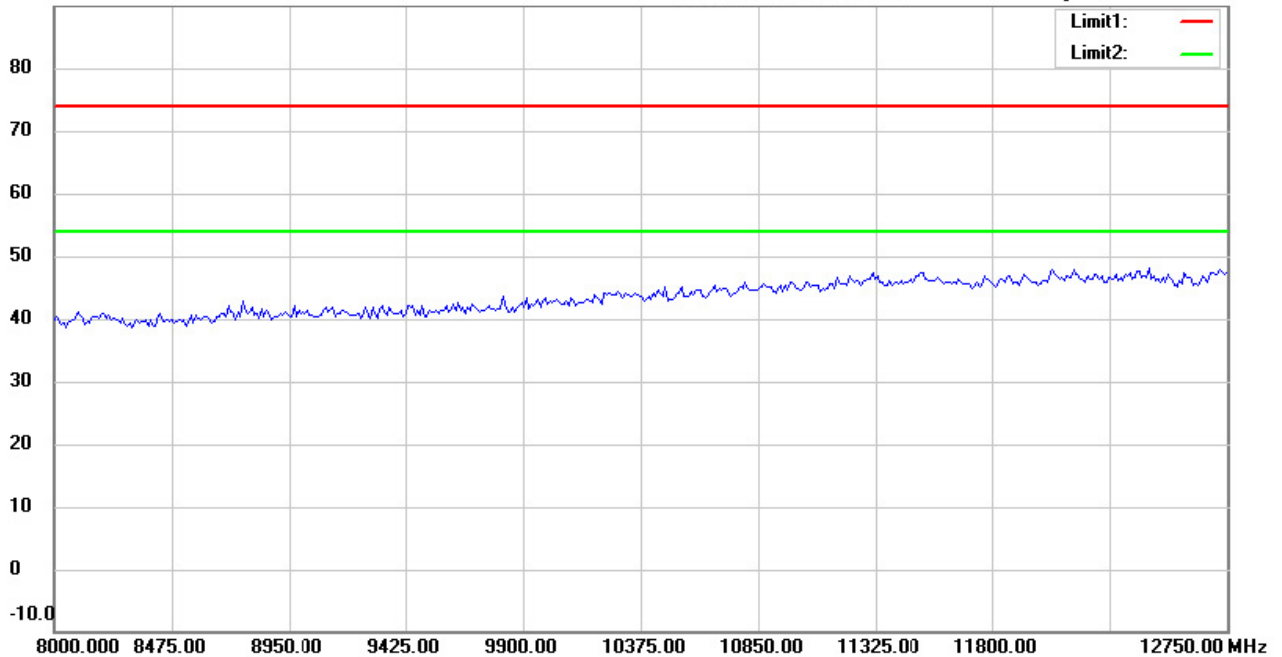
Date: 10/31/2019

Temperature:22.6 °C

90.0 dBuV/m

Time: 12:58:22 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M21910-19416

Power : 120 V.a.c.

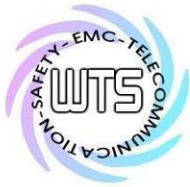
M/N:

Distance: 3m

Test Mode : Charge

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
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Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

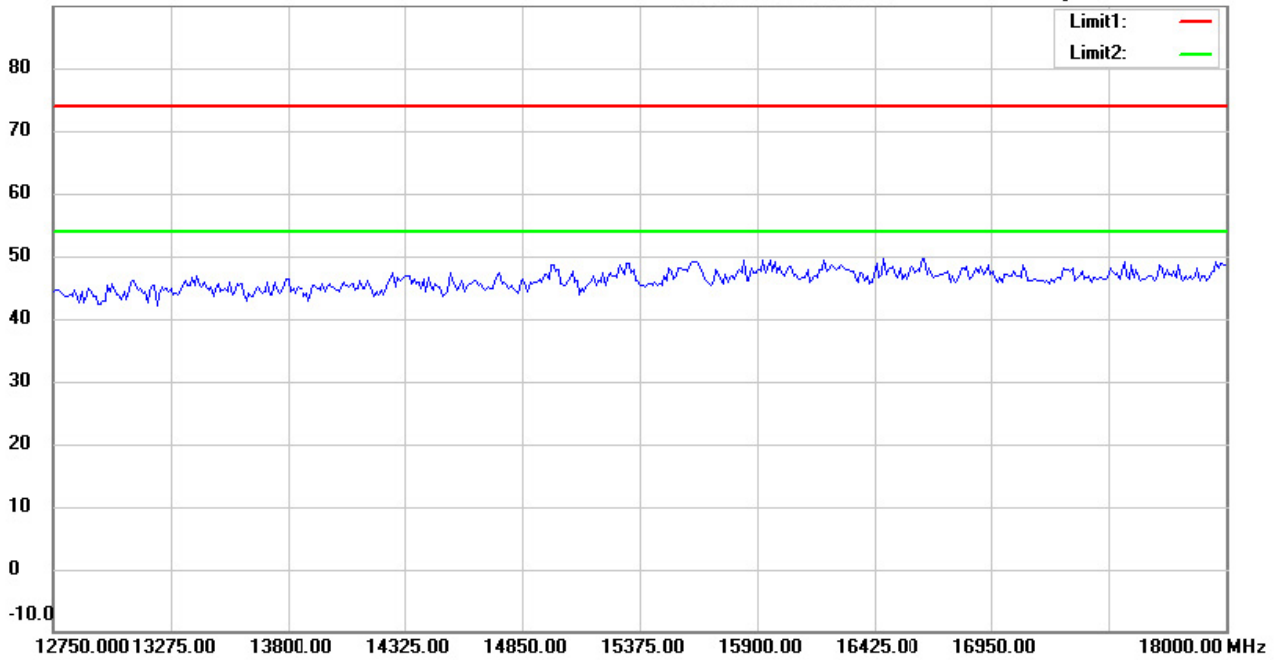
Date: 10/31/2019

Temperature:22.6 °C

90.0 dBuV/m

Time: 9:59:35 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21910-19416

Power : 120 V.a.c.

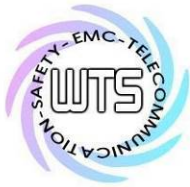
M/N:

Distance: 3m

Test Mode : Charge

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
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Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

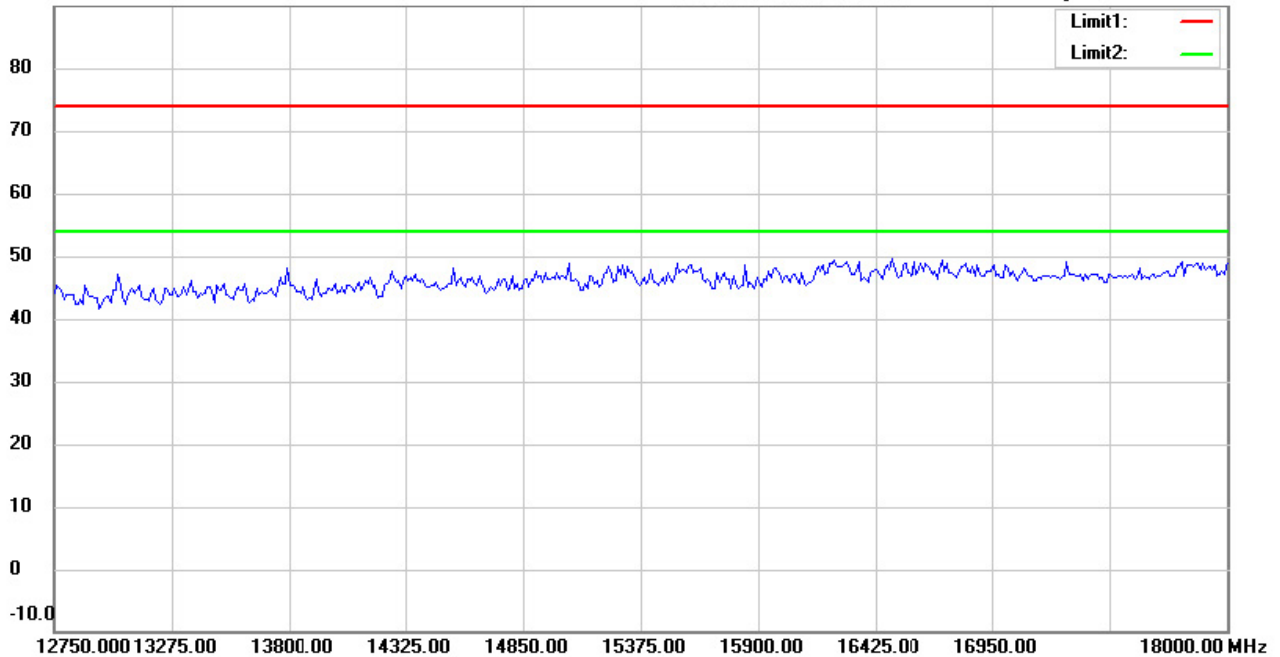
Date: 10/31/2019

Temperature:22.6 °C

90.0 dBuV/m

Time: 10:28:38 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M21910-19416

Power : 120 V.a.c.

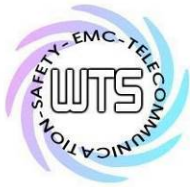
M/N:

Distance: 3m

Test Mode : Charge

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
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Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

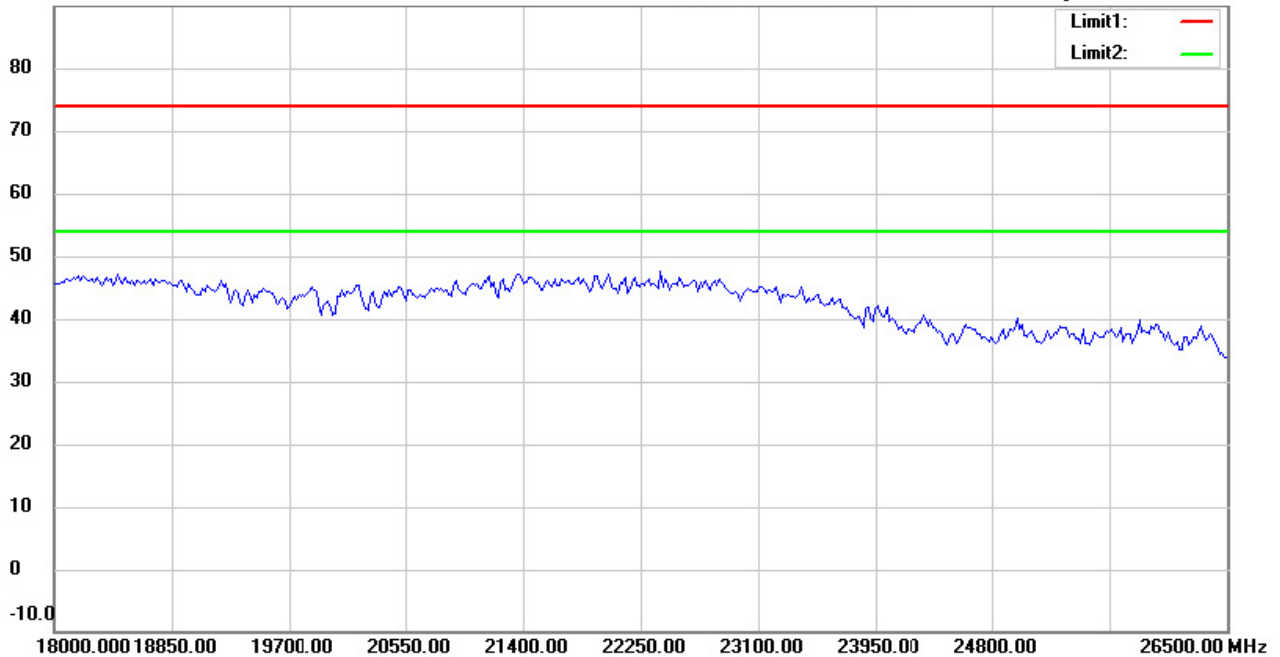
Date: 10/31/2019

Temperature:22.6 °C

90.0 dBuV/m

Time: 10:13:17 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21910-19416

Power : 120 V.a.c.

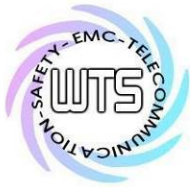
M/N:

Distance: 3m

Test Mode : Charge

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
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Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

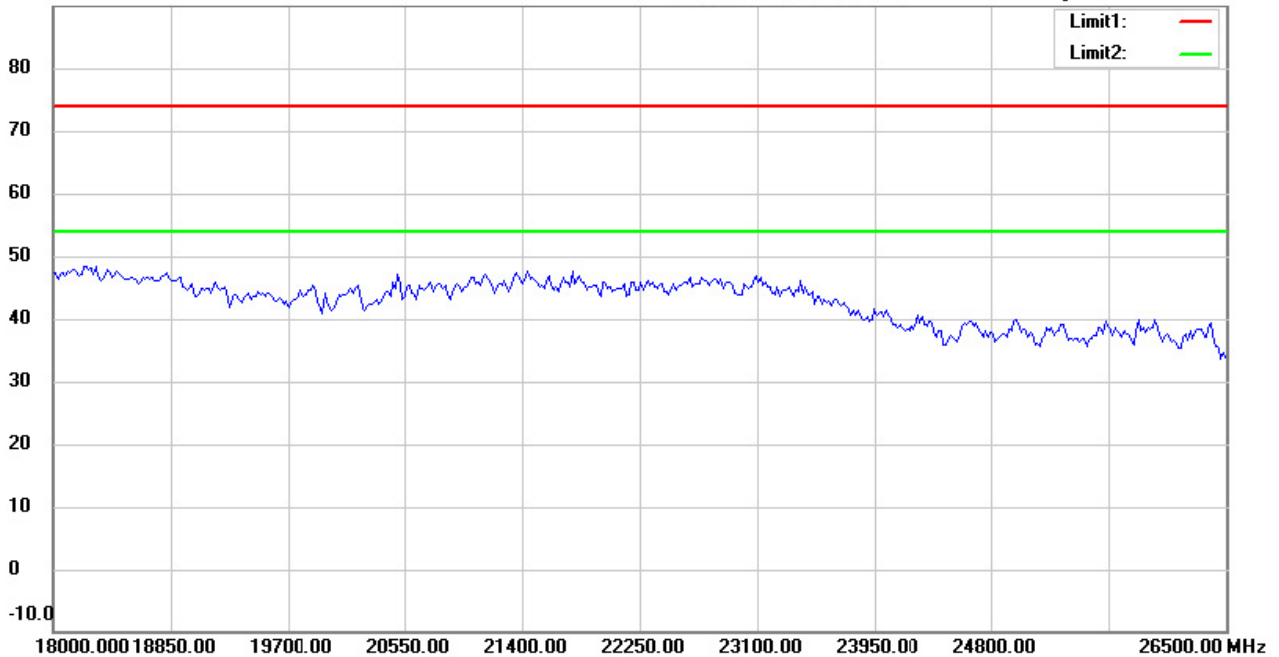
Date: 10/31/2019

Temperature:22.6 °C

90.0 dBuV/m

Time: 10:37:36 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M21910-19416

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : Charge

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
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Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Allen

File :1

Data :#1

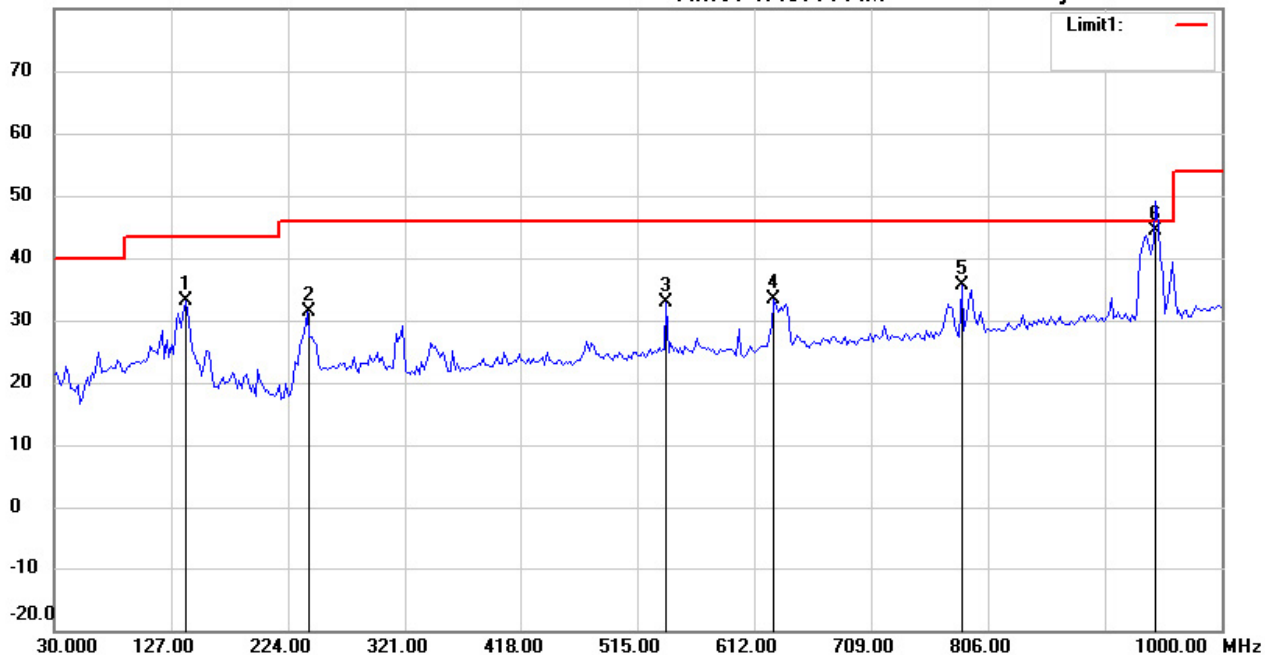
Date: 10/31/2019

Temperature:22.6 °C

80.0 dBuV/m

Time: 4:43:44 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21910-19416

Power : 10.8 Vd.c.

M/N:

Distance: 3m

Test Mode : Battery

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
	138.8577	39.52	QP	-6.48	33.04	43.50	100	270	-10.46	
	239.9400	40.05	QP	-8.55	31.50	46.00	100	55	-14.50	
	539.2985	34.75	QP	-1.98	32.77	46.00	100	315	-13.23	
	628.7174	34.85	QP	-1.40	33.45	46.00	100	20	-12.55	
	784.2285	34.79	QP	0.88	35.67	46.00	100	105	-10.33	
*	945.5711	40.23	QP	4.13	44.36	46.00	100	80	-1.64	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Allen

File :1

Data :#2

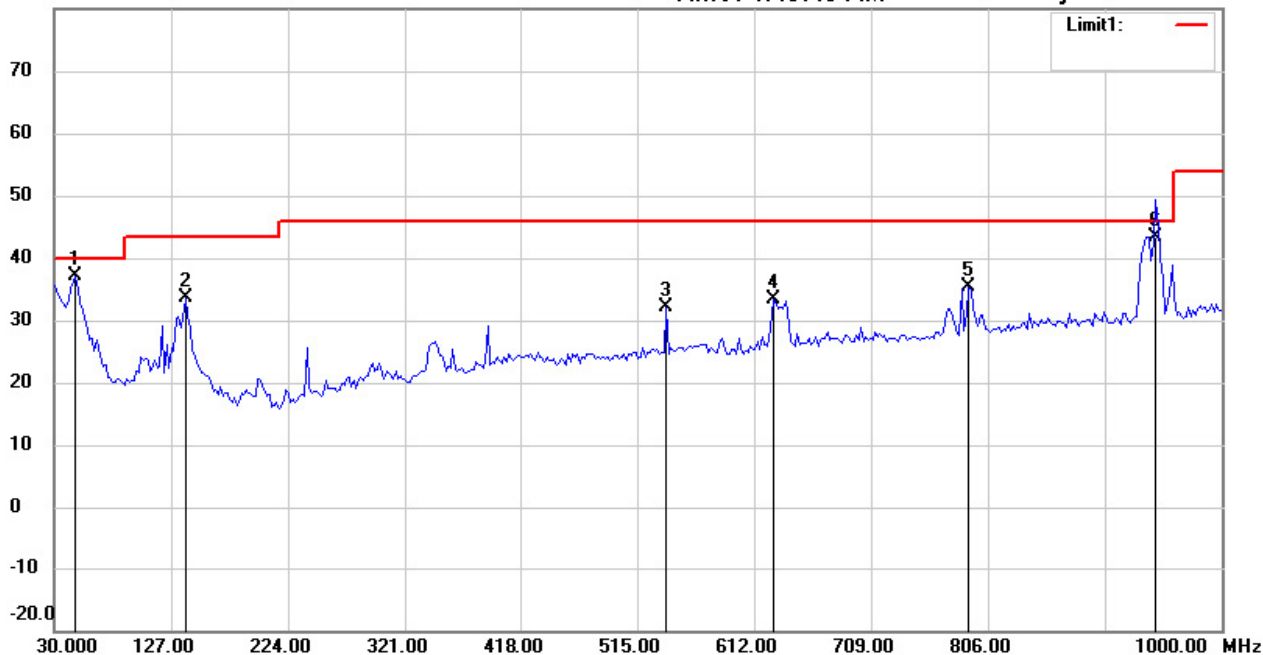
Date: 10/31/2019

Temperature:22.6 °C

80.0 dBuV/m

Time: 4:46:40 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_30-1000MHz

Polarization: **Vertical**

EUT : W6M21910-19416

Power : 10.8 Vd.c.

M/N:

Distance: 3m

Test Mode : Battery

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
	47.4950	46.95	QP	-9.91	37.04	40.00	100	20	-2.96	
	138.8577	40.22	QP	-6.48	33.74	43.50	100	155	-9.76	
	539.2985	34.02	QP	-1.98	32.04	46.00	100	290	-13.96	
	628.7174	34.81	QP	-1.40	33.41	46.00	100	65	-12.59	
	790.0601	34.29	QP	0.99	35.28	46.00	100	135	-10.72	
*	945.5711	39.15	QP	4.13	43.28	46.00	100	110	-2.72	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Allen

File :3

Data :#1

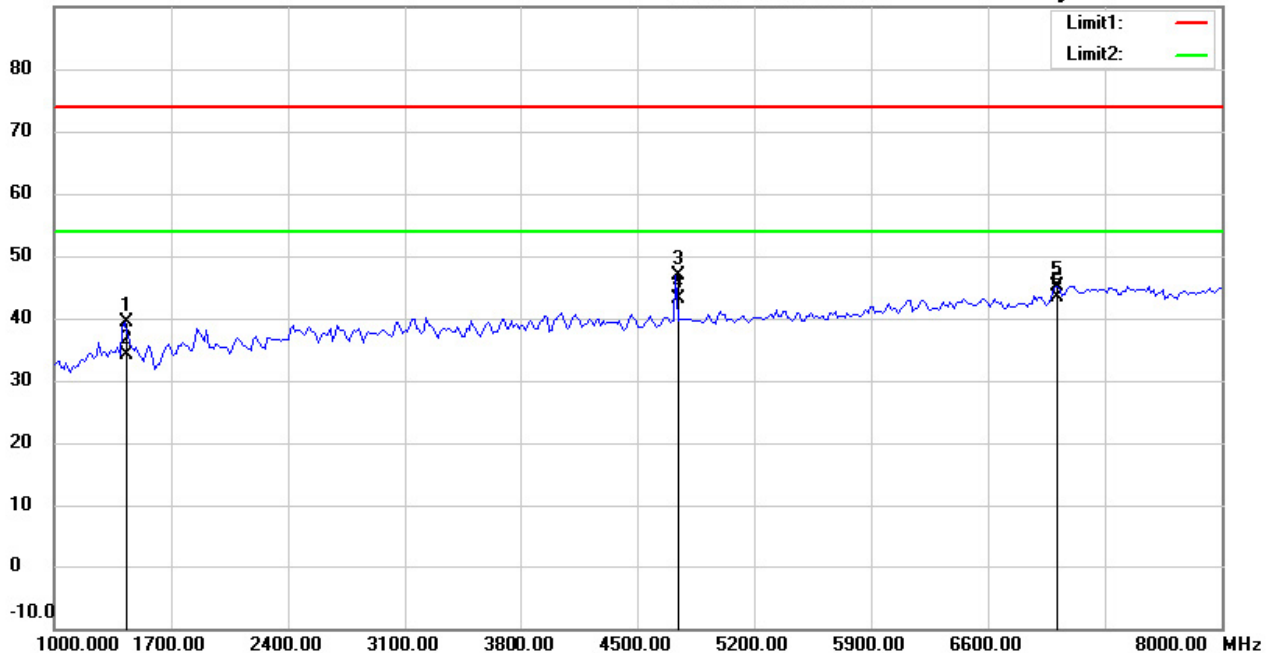
Date: 10/31/2019

Temperature :22.6 °C

90.0 dBuV/m

Time: 1:15:41 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21910-19416

Power : 10.8 Vd.c.

M/N:

Distance: 3m

Test Mode : Battery

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
	1420.842	48.85	peak	-9.50	39.35	74.00	100	150	-34.65	
	1420.842	43.61	AVG	-9.50	34.11	54.00	100	150	-19.89	
	4731.463	49.25	peak	-2.43	46.82	74.00	100	65	-27.18	
	4731.463	45.50	AVG	-2.43	43.07	54.00	100	65	-10.93	
	7018.036	41.67	peak	3.57	45.24	74.00	100	330	-28.76	
*	7018.036	39.86	AVG	3.57	43.43	54.00	100	330	-10.57	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Allen

File :3

Data :#5

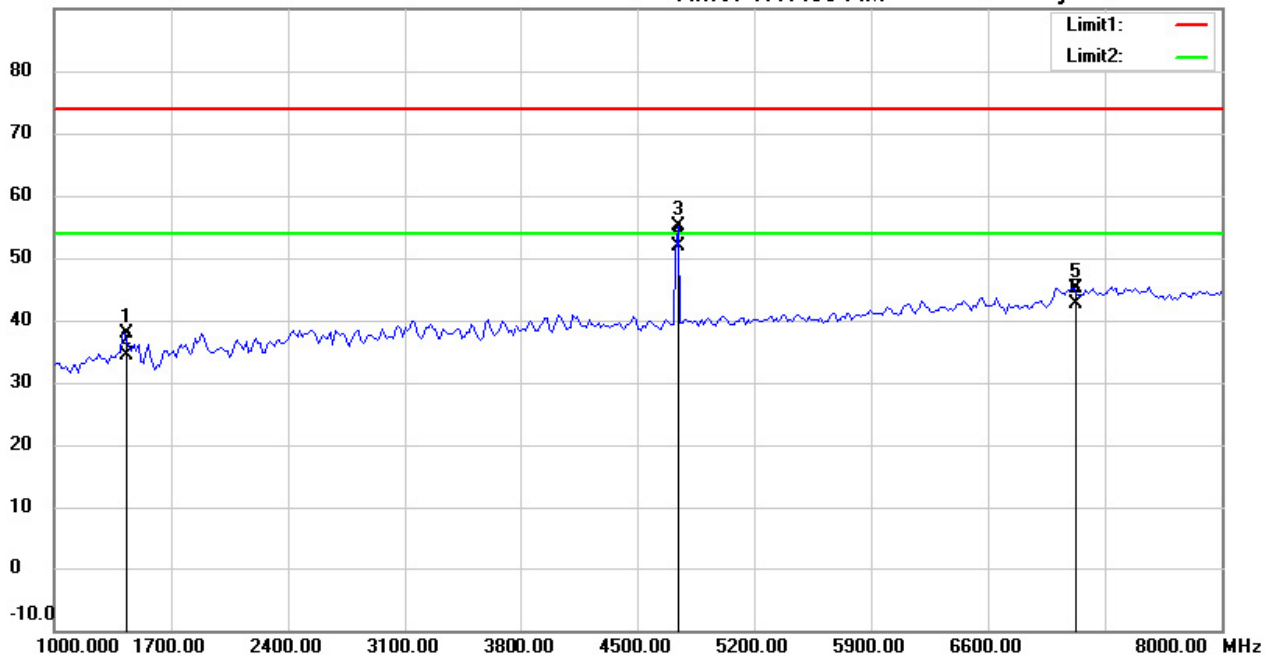
Date: 10/31/2019

Temperature :22.6 °C

90.0 dBuV/m

Time: 1:17:58 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M21910-19416

Power : 10.8 Vd.c.

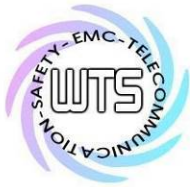
M/N:

Distance: 3m

Test Mode : Battery

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
	1420.842	47.31	peak	-9.50	37.81	74.00	100	180	-36.19	
	1420.842	43.85	AVG	-9.50	34.35	54.00	100	180	-19.65	
	4731.463	57.68	peak	-2.43	55.25	74.00	100	155	-18.75	
*	4731.463	54.23	AVG	-2.43	51.80	54.00	100	155	-2.20	
	7116.233	41.72	peak	3.50	45.22	74.00	100	40	-28.78	
	7116.233	39.22	AVG	3.50	42.72	54.00	100	40	-11.28	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Allen

File :3

Data :#2

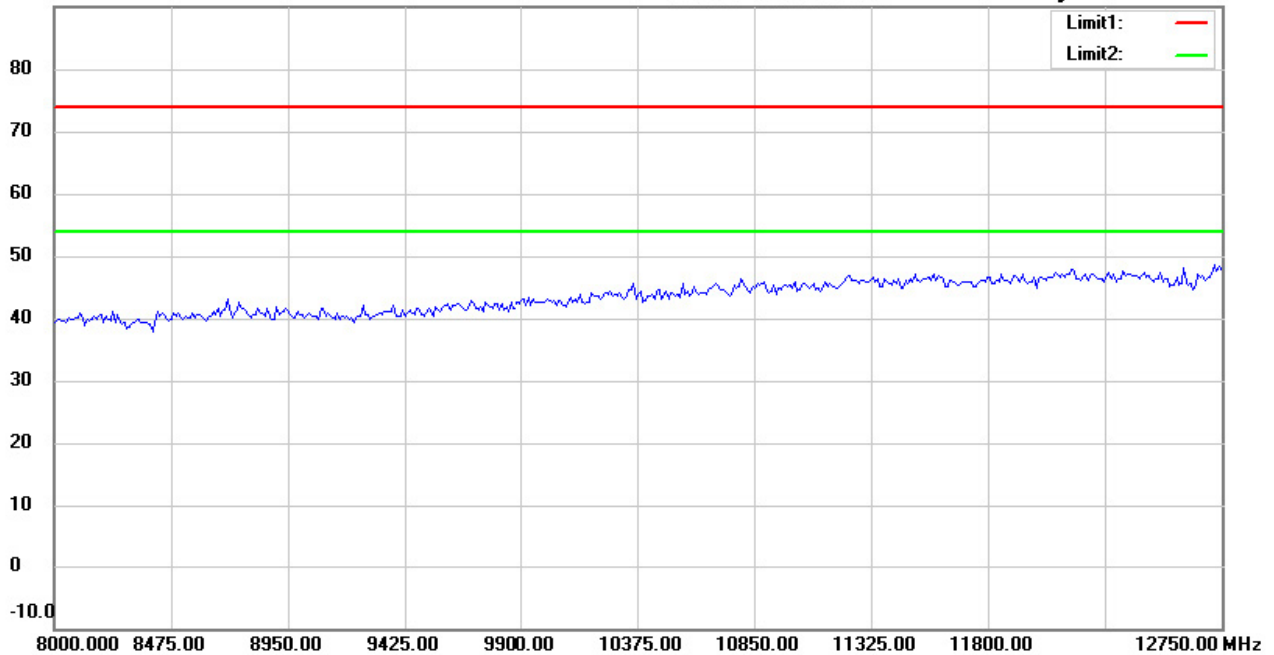
Date: 10/31/2019

Temperature :22.6 °C

90.0 dBuV/m

Time: 1:16:42 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: Horizontal

EUT : W6M21910-19416

Power : 10.8 Vd.c.

M/N:

Distance: 3m

Test Mode : Battery

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
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Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Allen

File :3

Data :#6

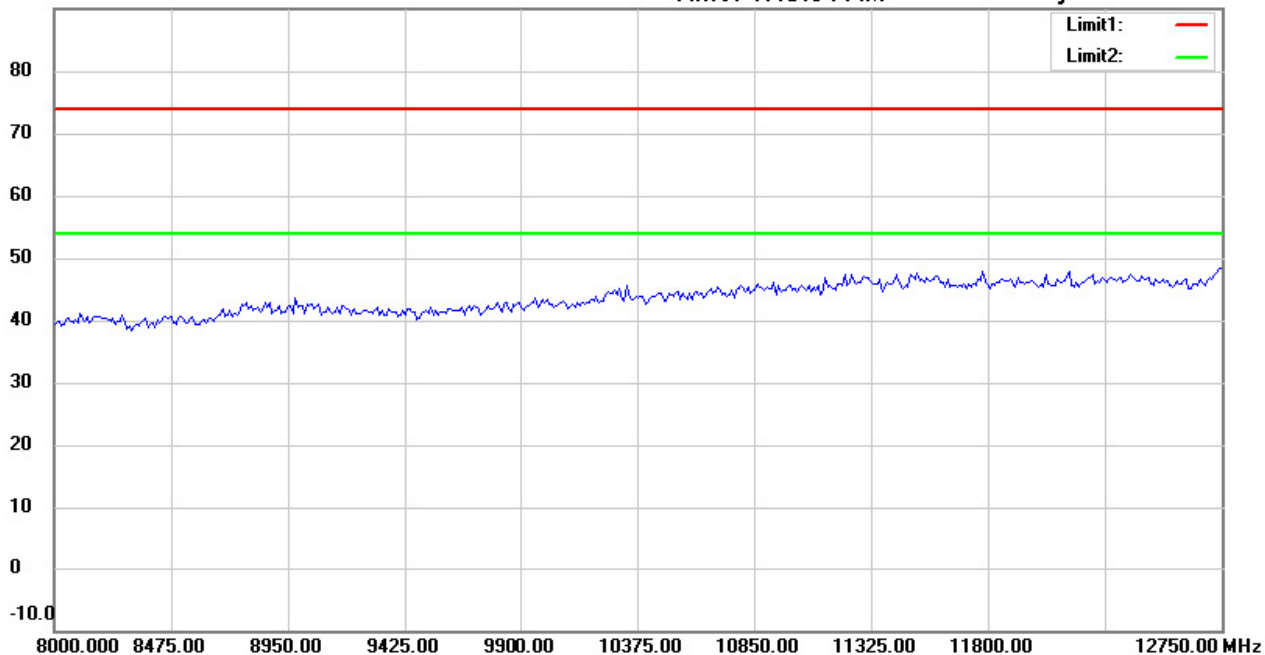
Date: 10/31/2019

Temperature :22.6 °C

90.0 dBuV/m

Time: 1:19:04 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M21910-19416

Power : 10.8 Vd.c.

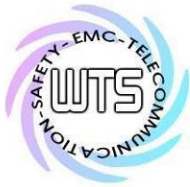
M/N:

Distance: 3m

Test Mode : Battery

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
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Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

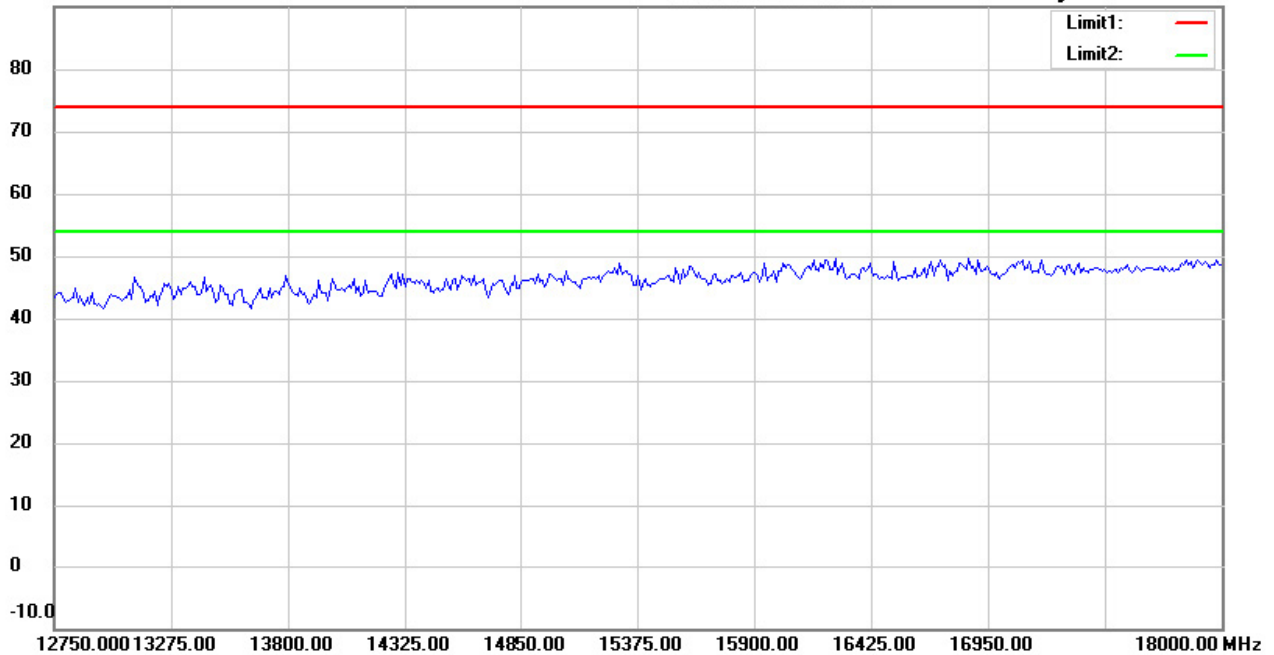
Date: 10/31/2019

Temperature :22.6 °C

90.0 dBuV/m

Time: 9:01:32 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21910-19416

Power : 10.8 Vd.c.

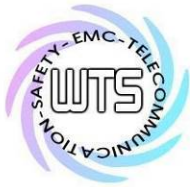
M/N:

Distance: 3m

Test Mode : Battery

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
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Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

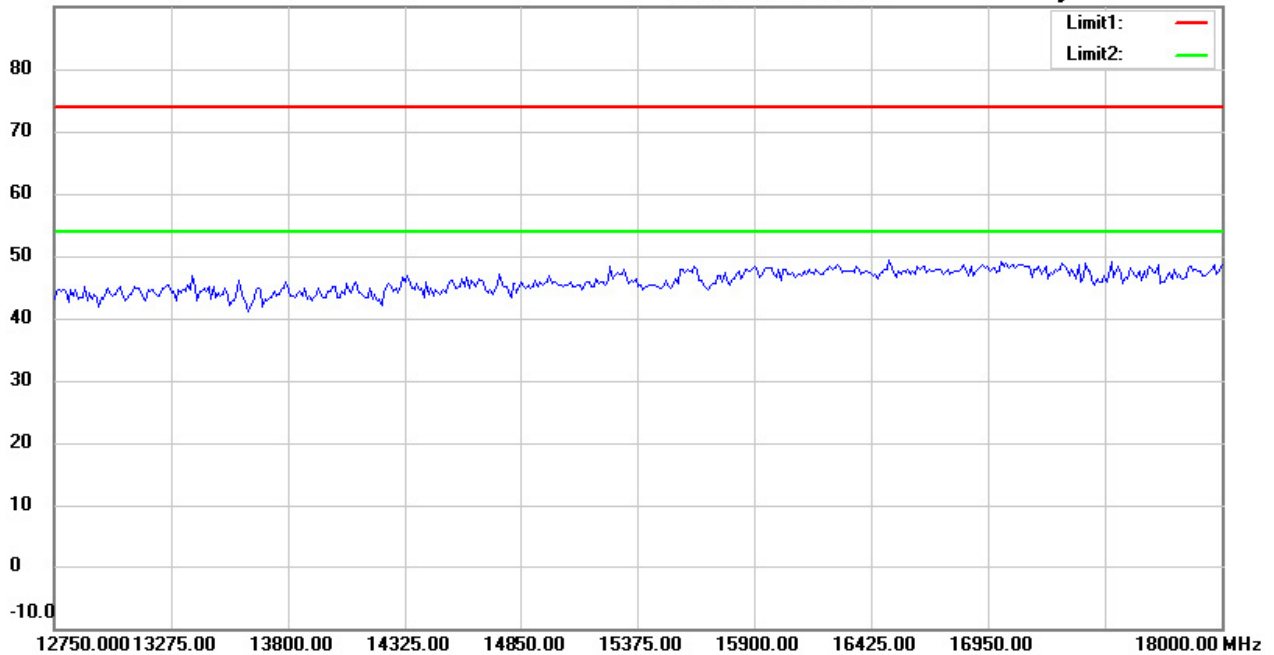
Date: 10/31/2019

Temperature :22.6 °C

90.0 dBuV/m

Time: 9:19:33 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M21910-19416

Power : 10.8 Vd.c.

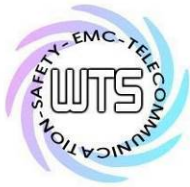
M/N:

Distance: 3m

Test Mode : Battery

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

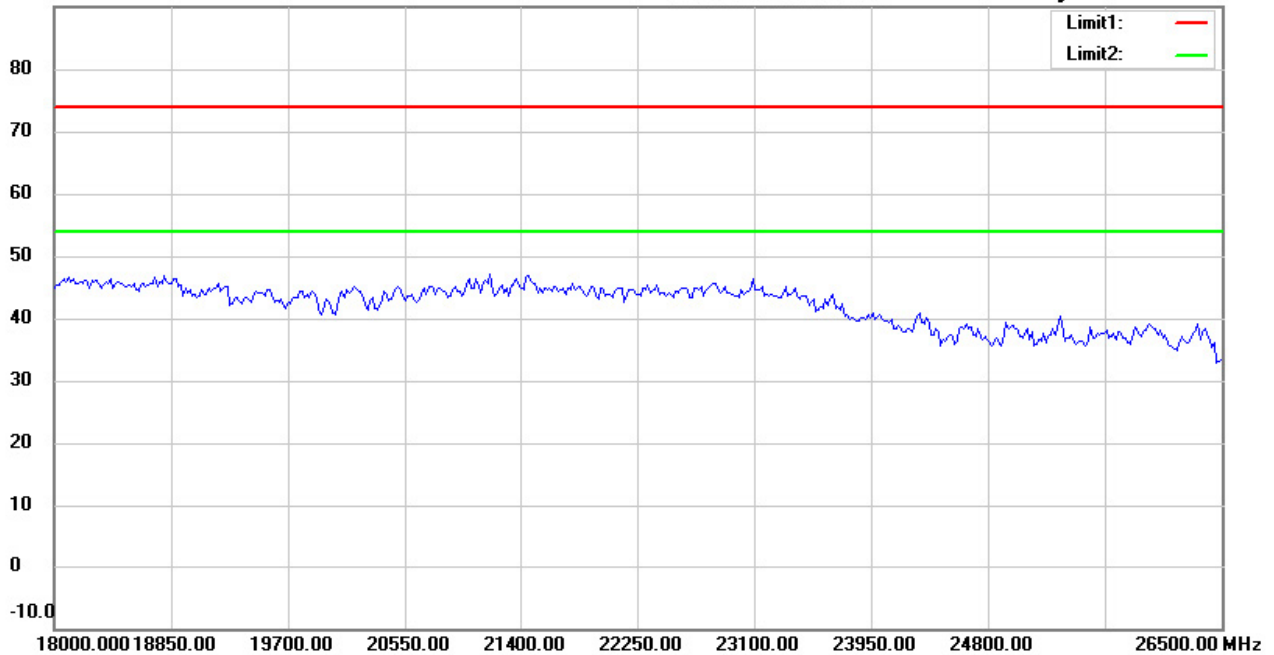
Date: 10/31/2019

Temperature :22.6 °C

90.0 dBuV/m

Time: 9:12:15 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21910-19416

Power : 10.8 Vd.c.

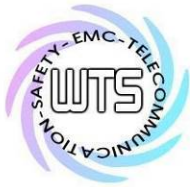
M/N:

Distance: 3m

Test Mode : Battery

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

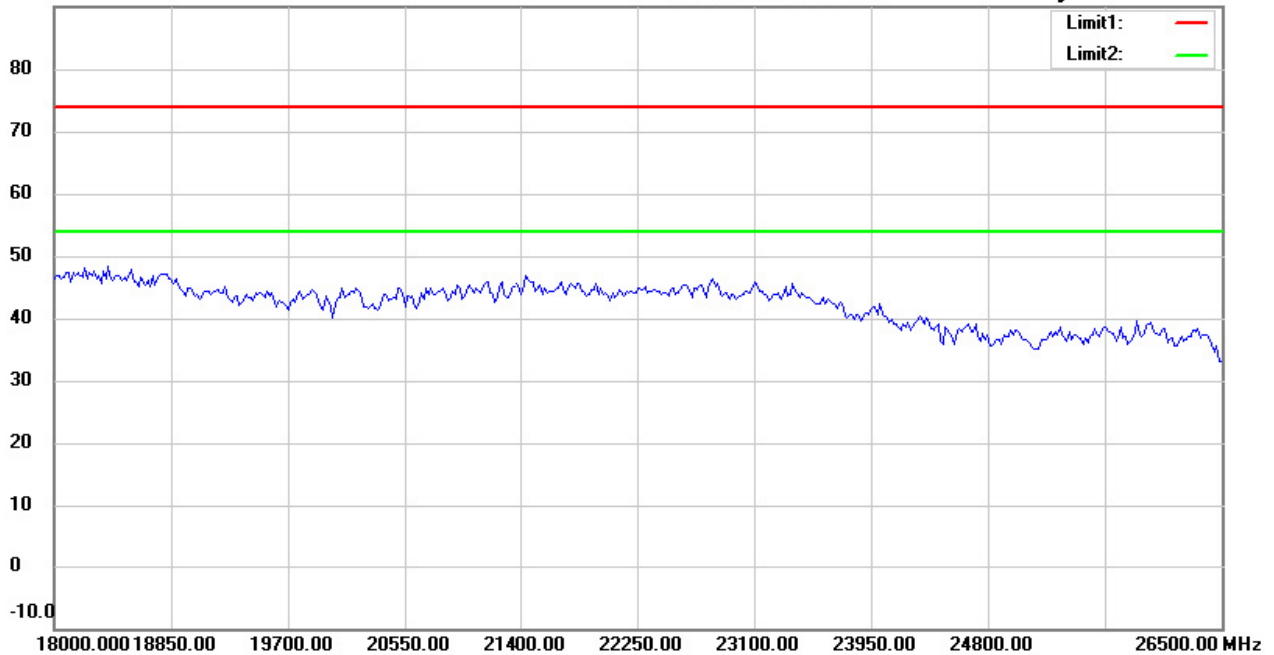
Date: 10/31/2019

Temperature :22.6 °C

90.0 dBuV/m

Time: 9:45:12 AM

Humidity:73.9 %



Site : 966 Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21910-19416

Power : 10.8 Vd.c.

M/N:

Distance: 3m

Test Mode : Battery

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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

Note:

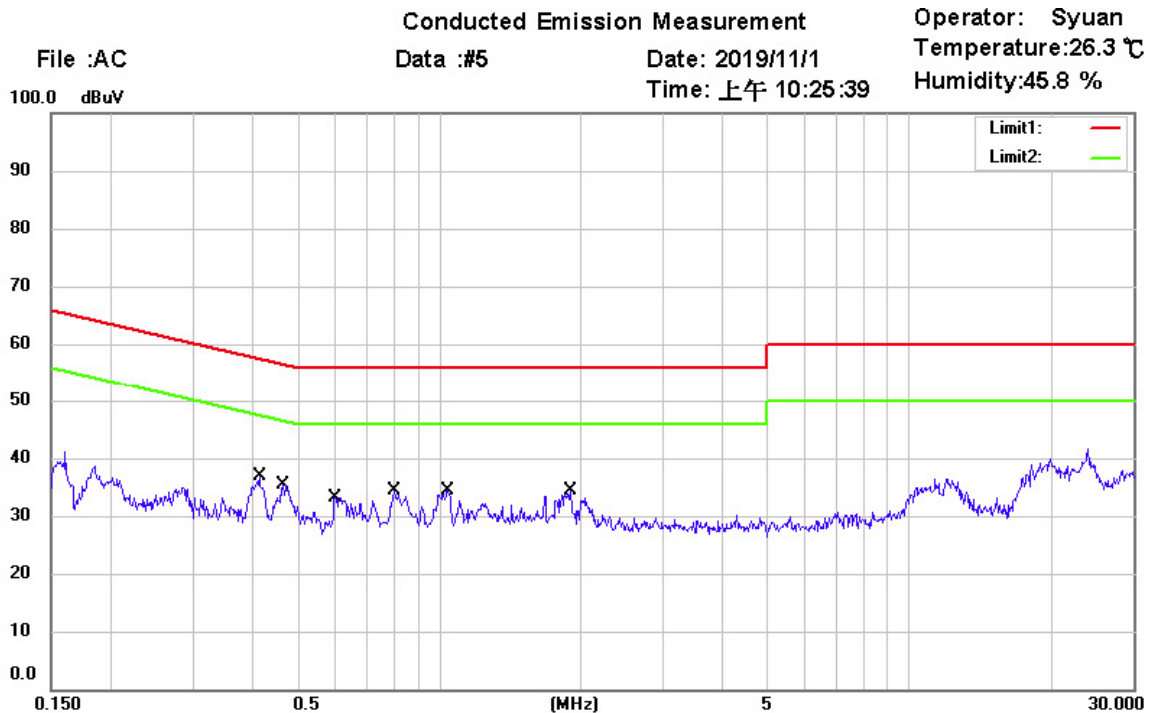
1. Correction Factor = Antenna factor + Cable loss - Preamplifier
2. The formula of measured value as: Test Result = Reading + Correction Factor
3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
4. All not in the table noted test results are more than 20 dB below the relevant limits.
5. Up Line: PK Limit Line, Down Line: Ave Limit Line.

Registration number: W6M21910-19416-P-15B

2.5.2 Conducted Emission

Conducted Emission

Emission



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

EUT : W6M21910-19416

M/N:

Test Mode :

Note :

Phase: N

Power : 120 V.a.c.

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.4134	21.93	QP	9.69	31.62	57.58	-25.96	
	0.4134	12.07	AVG	9.69	21.76	47.58	-25.82	
	0.4650	17.06	QP	9.68	26.74	56.60	-29.86	
*	0.4650	13.66	AVG	9.68	23.34	46.60	-23.26	
	0.5990	16.66	QP	9.67	26.33	56.00	-29.67	
	0.5990	12.56	AVG	9.67	22.23	46.00	-23.77	
	0.8037	16.96	QP	9.65	26.61	56.00	-29.39	
	0.8037	10.18	AVG	9.65	19.83	46.00	-26.17	
	1.0377	19.82	QP	9.63	29.45	56.00	-26.55	
	1.0377	12.19	AVG	9.63	21.82	46.00	-24.18	
	1.8950	17.38	QP	9.55	26.93	56.00	-29.07	
	1.8950	10.86	AVG	9.55	20.41	46.00	-25.59	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19416-P-15B

Conducted Emission Measurement

Operator: Syuan

Data :#4

Date: 2019/11/1

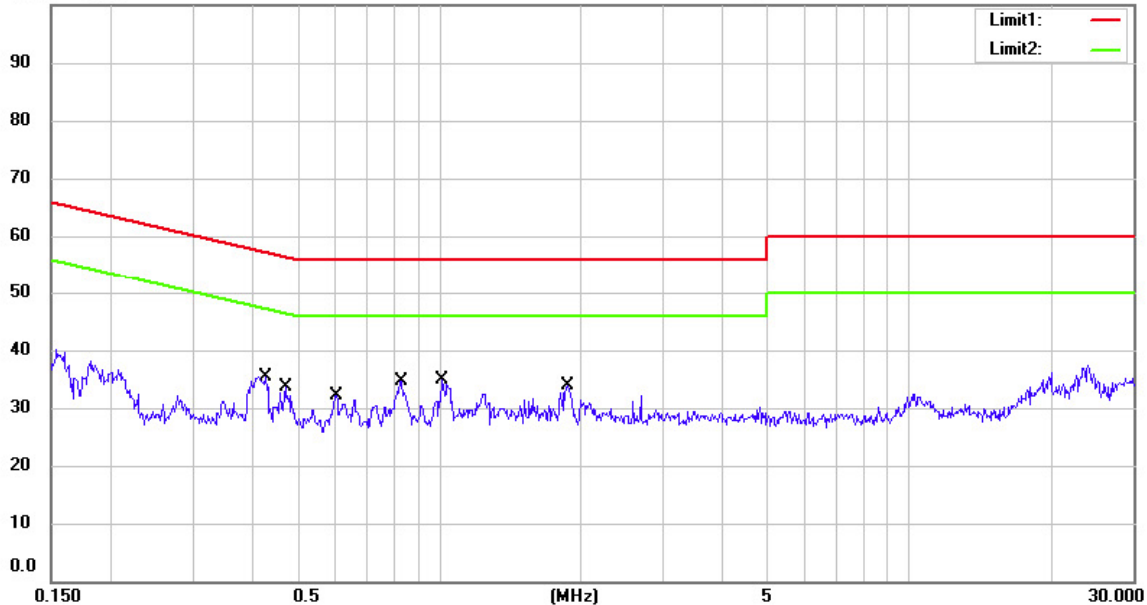
Temperature:26.3 ℃

Time: 上午 10:23:04

Humidity:45.8 %

File :AC

100.0 dBuV



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M21910-19416

Power : 120 V.a.c.

M/N:

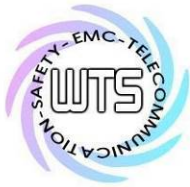
Test Mode :

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.4267	19.41	QP	9.71	29.12	57.32	-28.20	
	0.4267	12.86	AVG	9.71	22.57	47.32	-24.75	
	0.4695	14.94	QP	9.70	24.64	56.52	-31.88	
	0.4695	10.26	AVG	9.70	19.96	46.52	-26.56	
	0.6012	16.40	QP	9.69	26.09	56.00	-29.91	
*	0.6012	12.37	AVG	9.69	22.06	46.00	-23.94	
	0.8262	18.47	QP	9.67	28.14	56.00	-27.86	
	0.8262	11.68	AVG	9.67	21.35	46.00	-24.65	
	1.0085	16.51	QP	9.65	26.16	56.00	-29.84	
	1.0085	10.58	AVG	9.65	20.23	46.00	-25.77	
	1.8680	19.26	QP	9.57	28.83	56.00	-27.17	
	1.8680	12.25	AVG	9.57	21.82	46.00	-24.18	

Note:

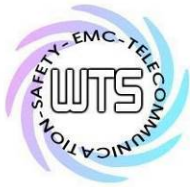
1. The formula of measured value as: Test Result = Reading + Correction Factor
2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss
3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
4. All not in the table noted test results are more than 20 dB below the relevant limits.
5. Up Line: QP Limit Line, Down Line: Ave Limit Line.



Registration number: W6M21910-19416-P-15B

2.6 Equipment Modification

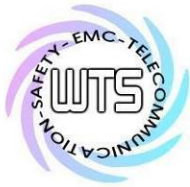
No modification was made to pass all tests.



Registration number: W6M21910-19416-P-15B

3 Normative references

- /1/ FCC part 15 Subpart B
Radio Frequency Devices
- /2/ ANSI C63.4-2014
American National Standard for Methods of Measurement of Radio Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz



Appendix

Measurement diagrams

Spurious Emissions radiated



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

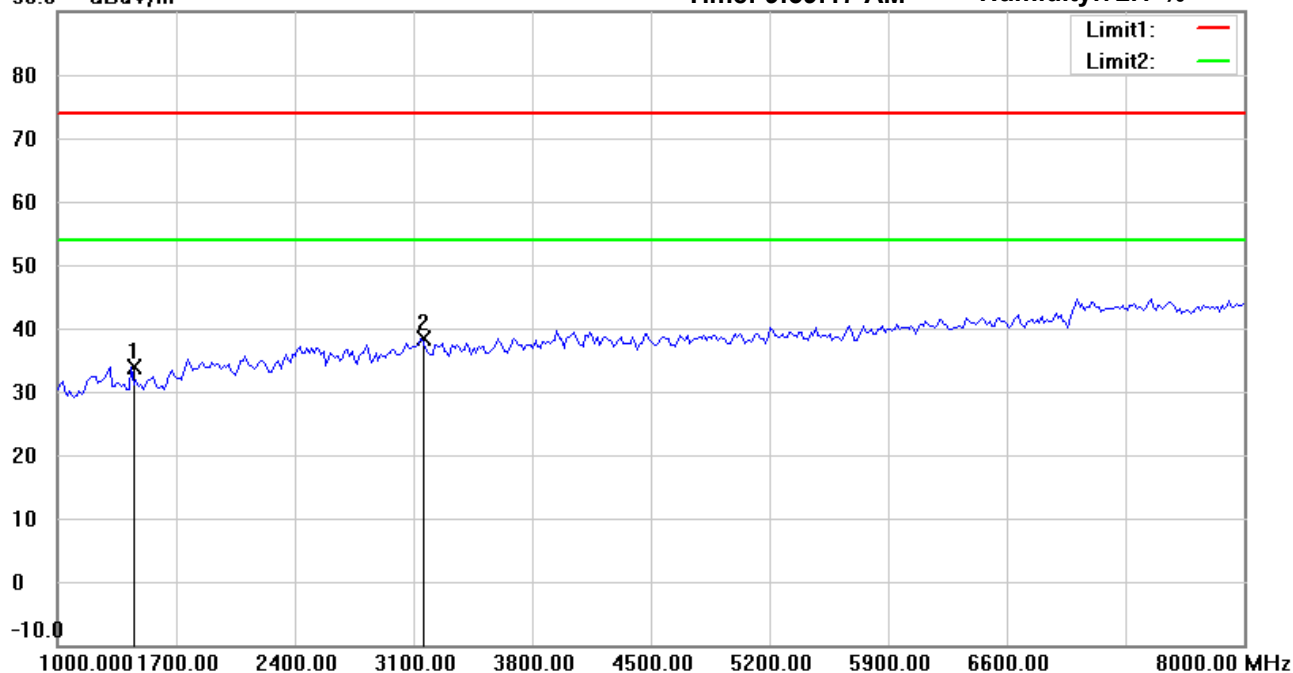
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:39:17 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21910-19416

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11b CH1

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
	1434.870	43.58	peak	-9.62	33.96	74.00	150	214	-40.04	
*	3146.293	42.05	peak	-3.63	38.42	74.00	150	176	-35.58	



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

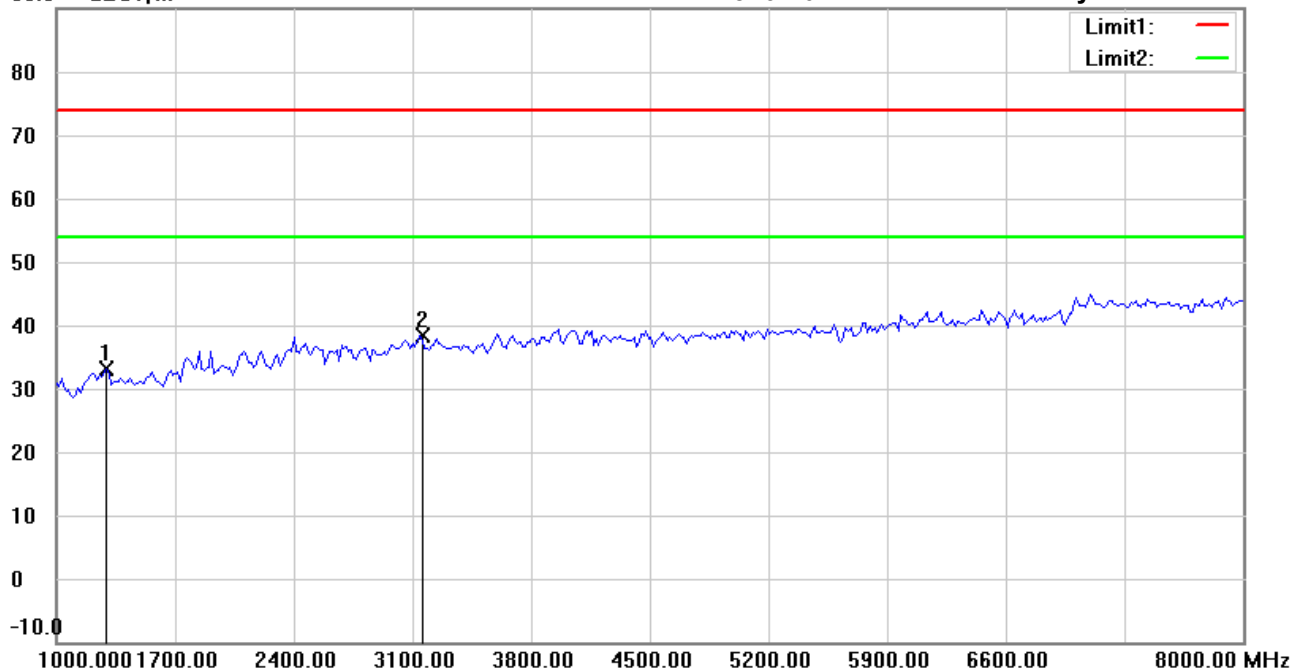
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:40:14 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1294.589	42.06	peak	-8.95	33.11	74.00	150	31	-40.89	
*	3146.293	41.92	peak	-3.63	38.29	74.00	150	275	-35.71	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

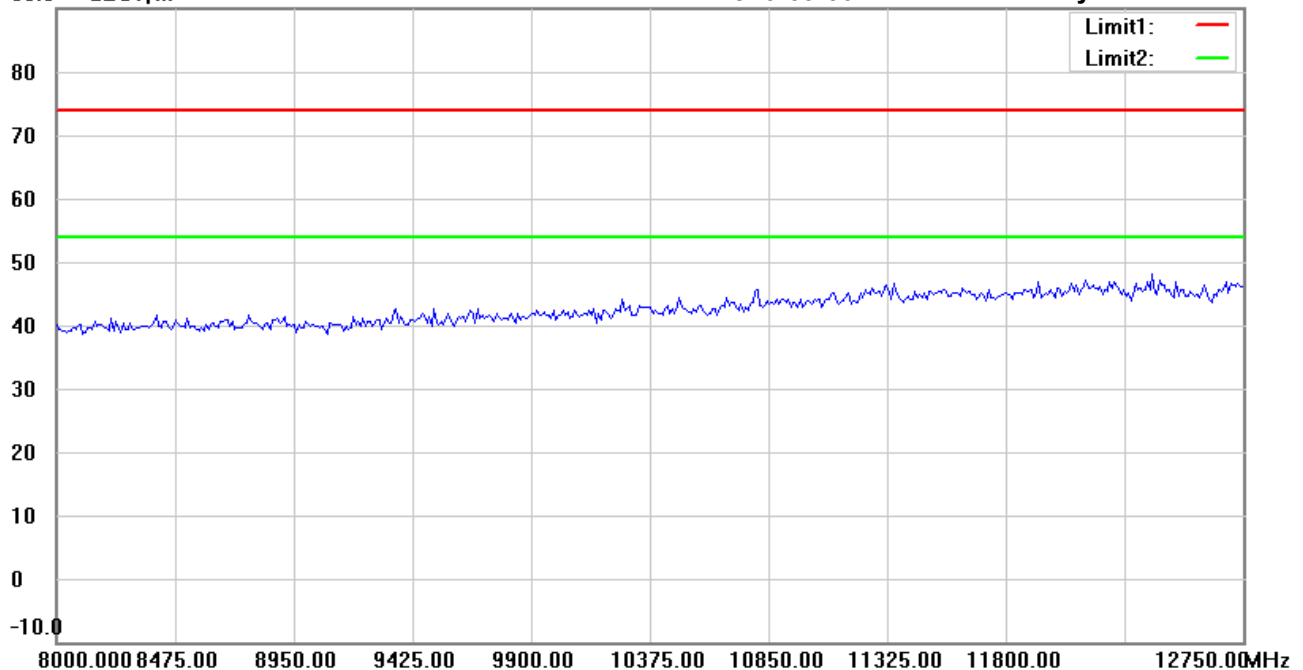
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:39:30 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH1

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

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



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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

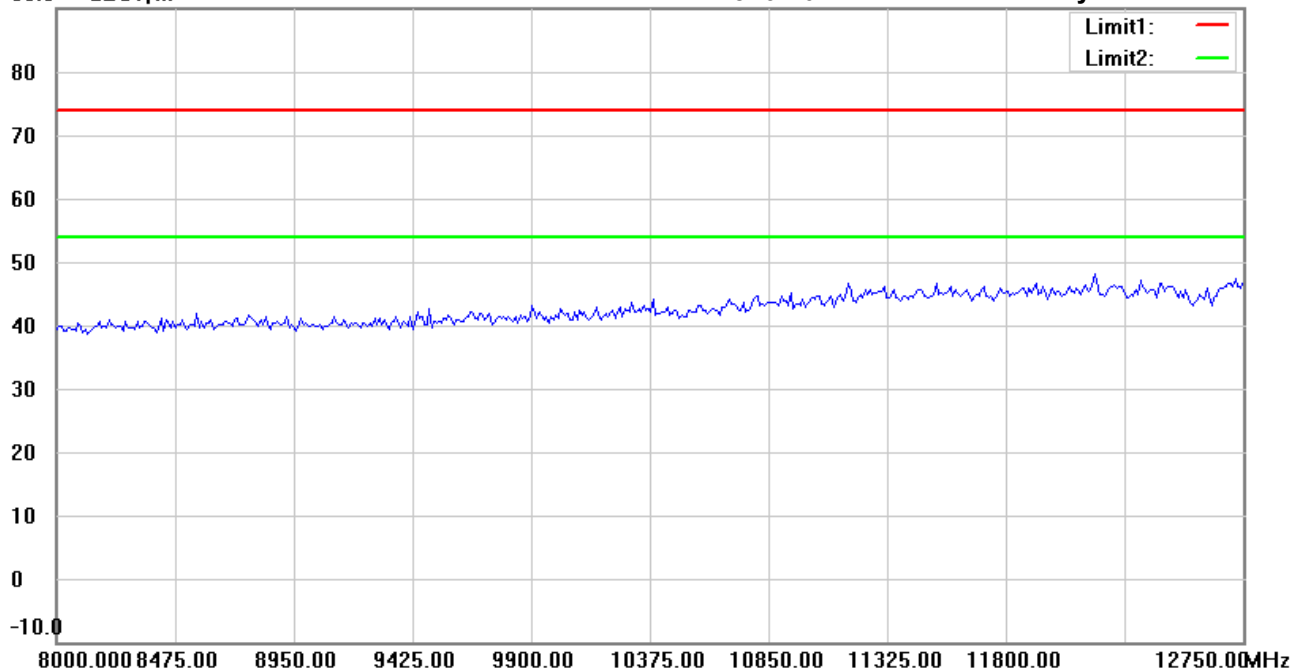
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:40:27 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH1

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

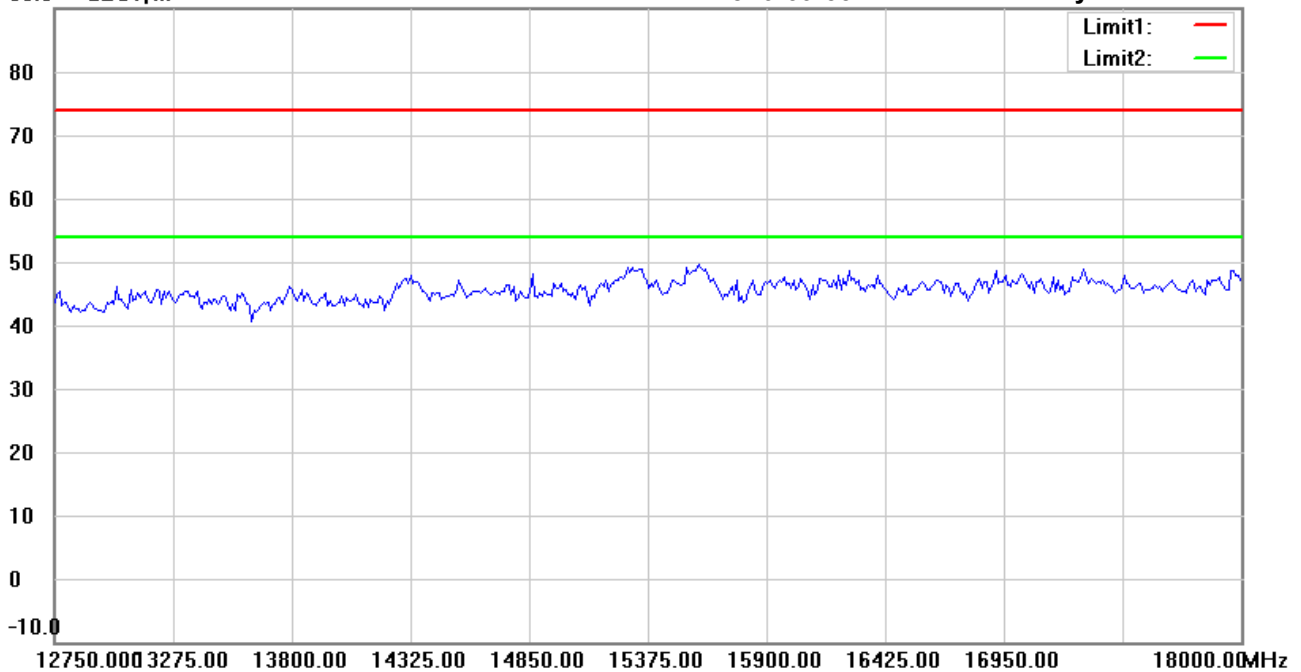
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:39:55 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH1

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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

*: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 : #7

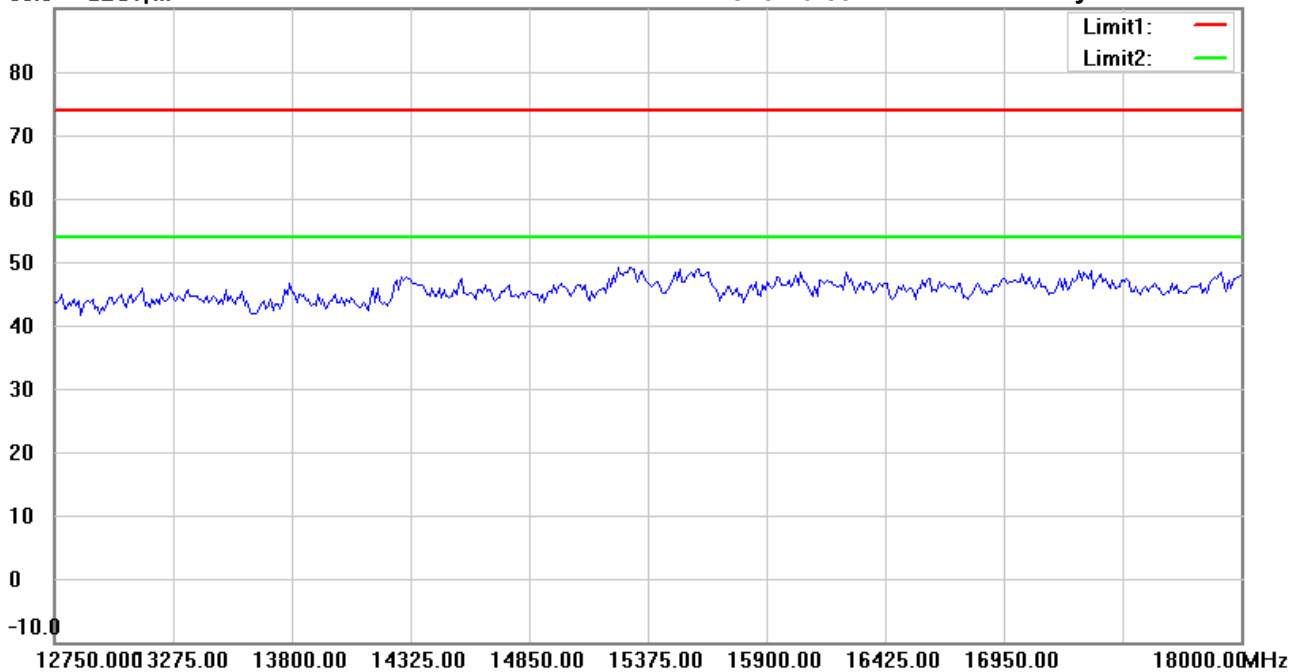
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:40:53 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH1

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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

*: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 :#4

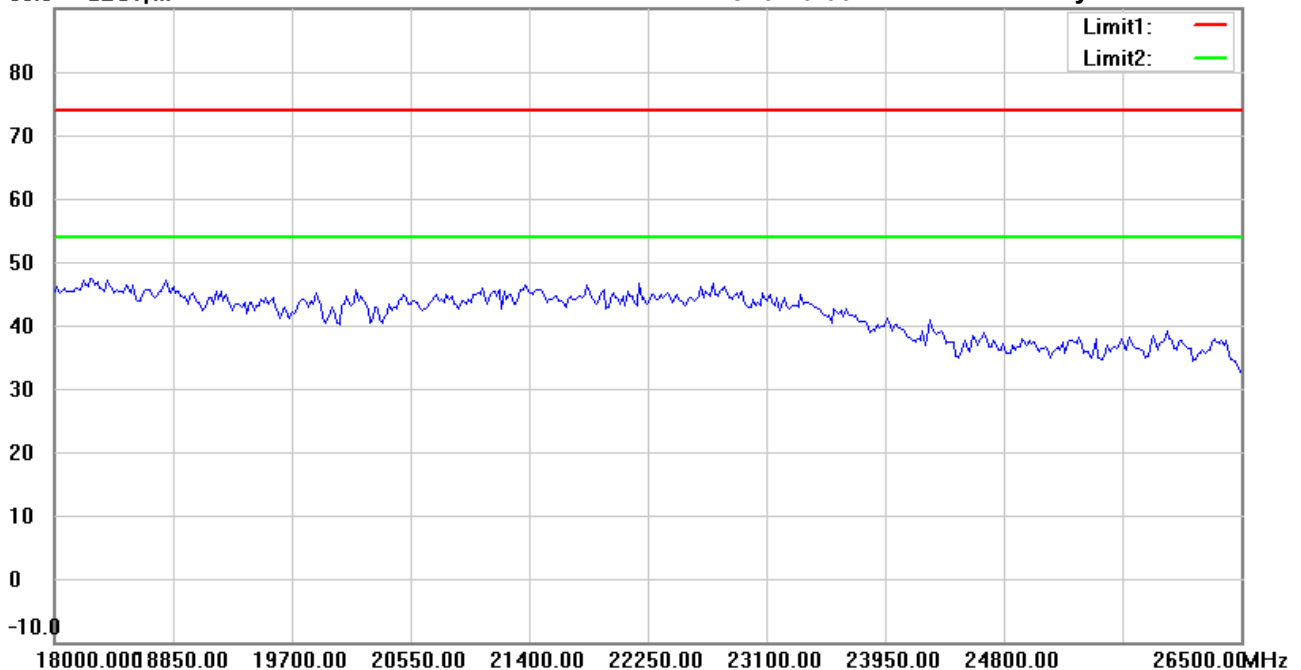
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:40:06 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

*: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

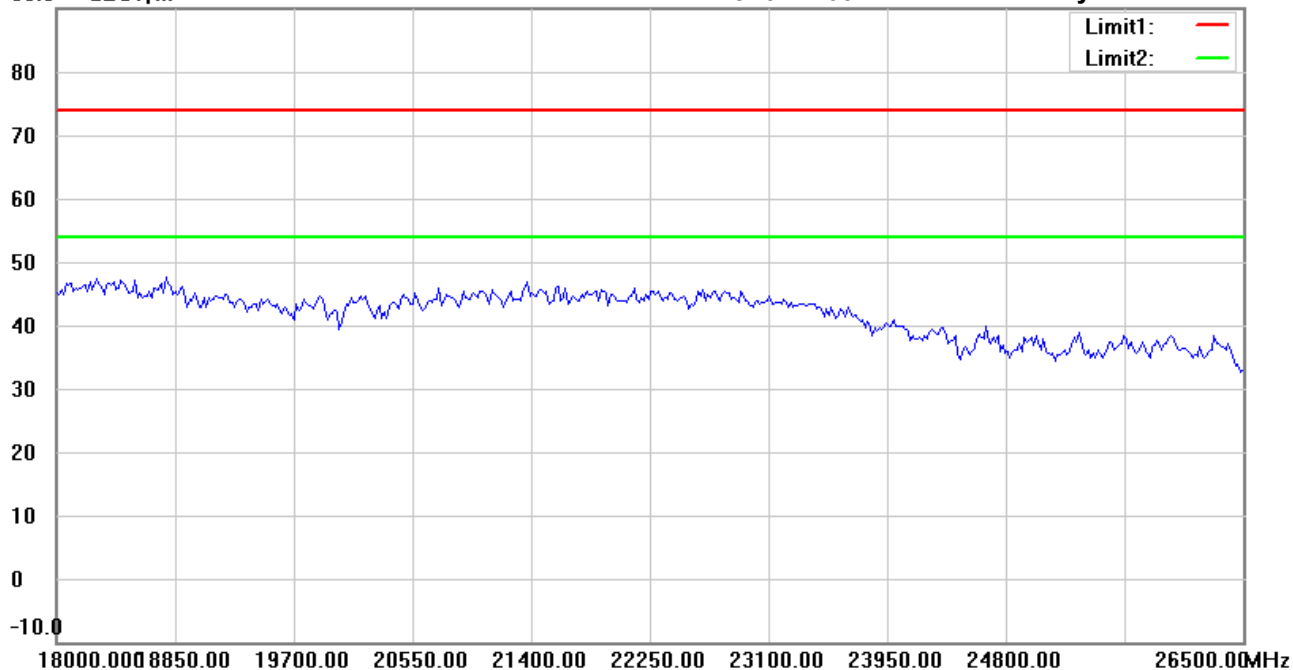
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:41:03 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH1

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

*: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 : #1

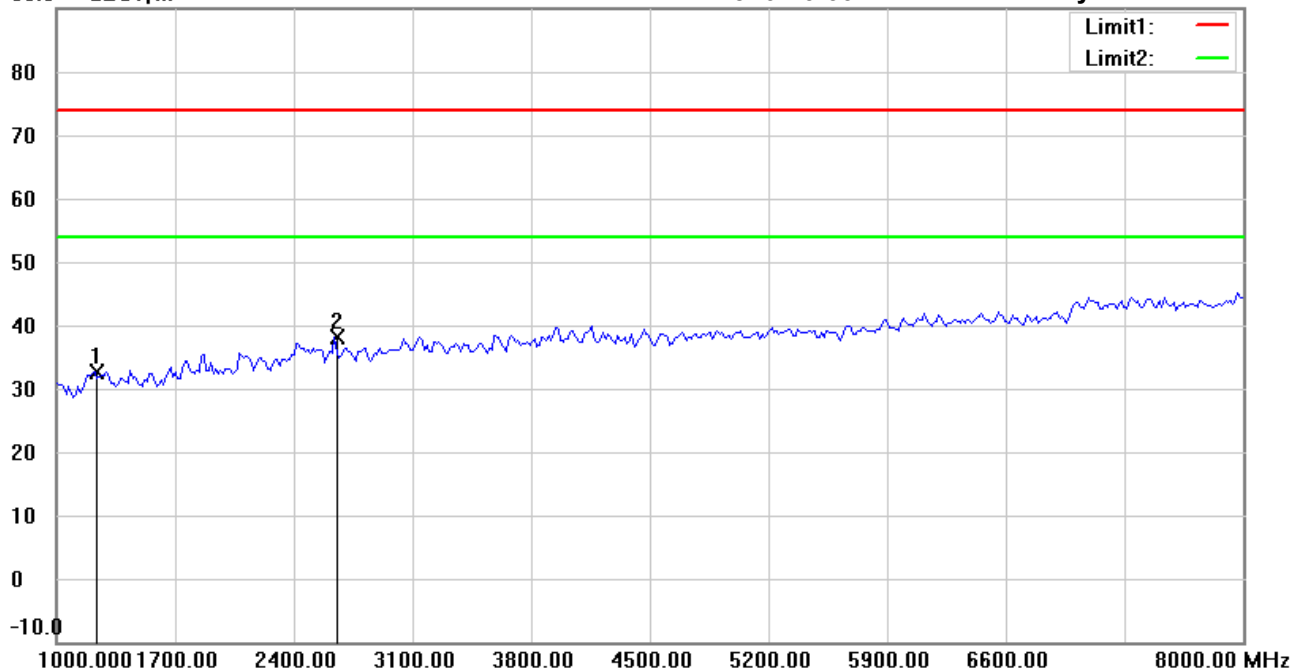
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:43:33 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH7

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1224.449	41.38	peak	-8.76	32.62	74.00	150	75	-41.38	
*	2641.283	43.29	peak	-5.28	38.01	74.00	150	236	-35.99	

*: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 :#5

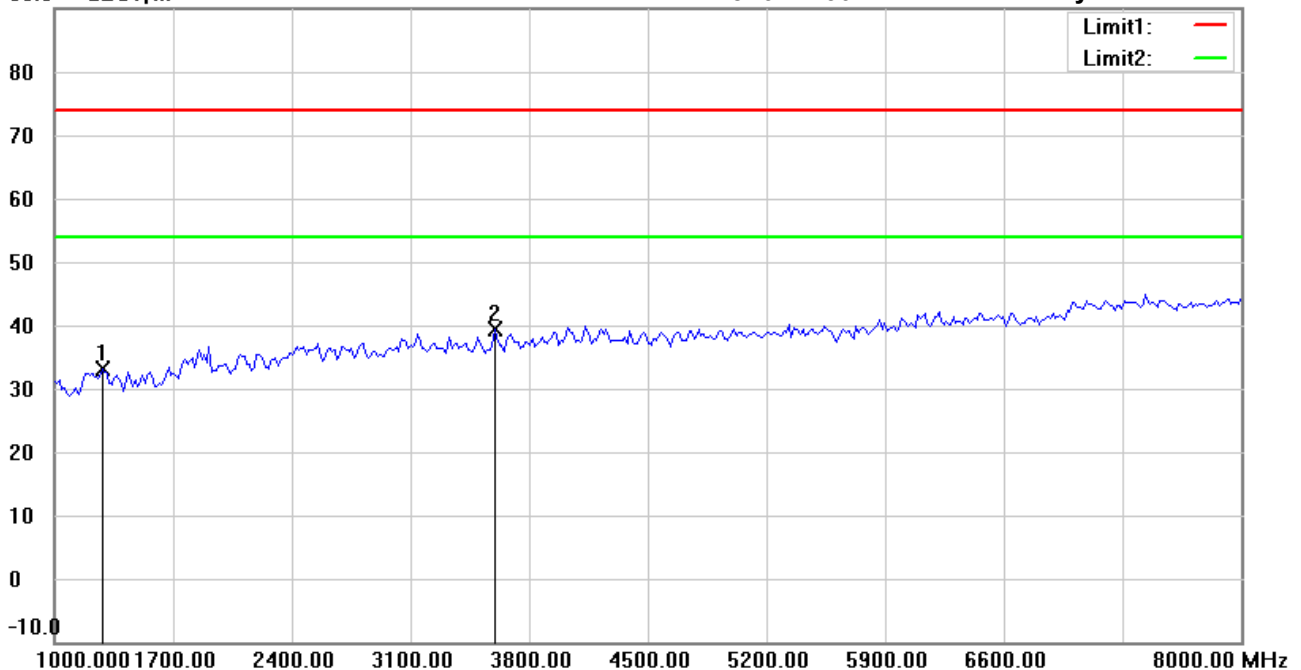
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:44:30 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH7

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1280.561	41.94	peak	-8.91	33.03	74.00	150	20	-40.97	
*	3595.190	42.09	peak	-2.70	39.39	74.00	150	270	-34.61	

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

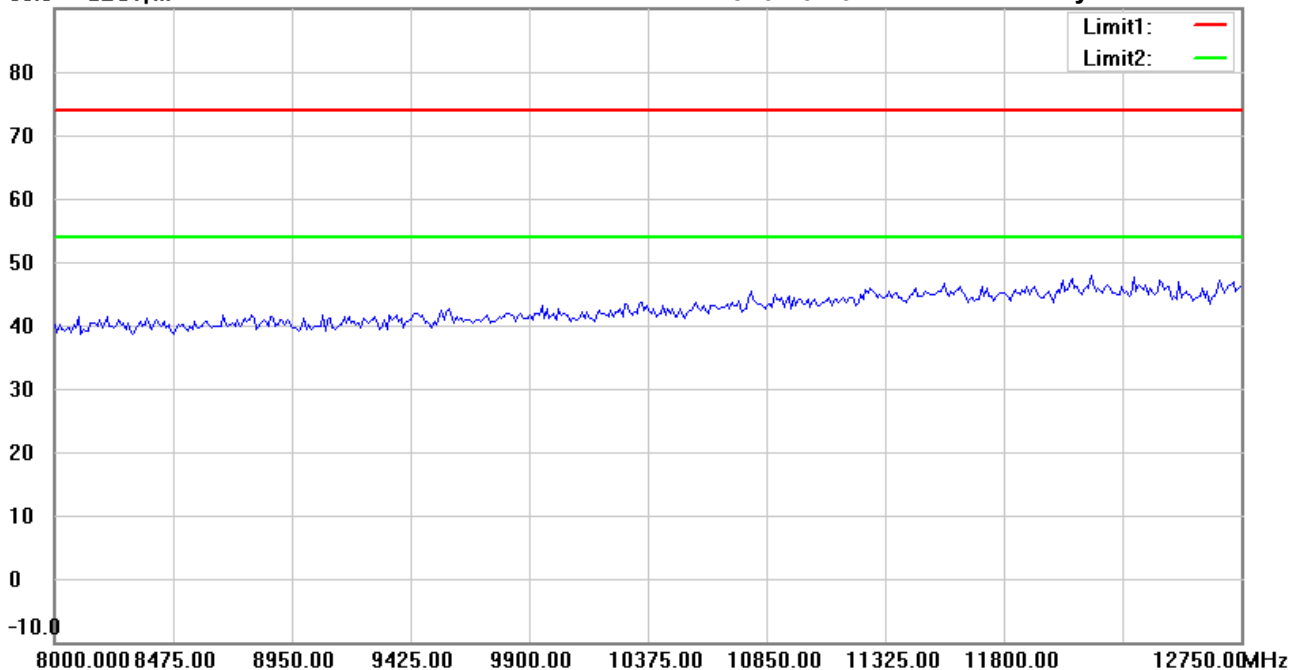
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:43:46 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH7

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

*: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

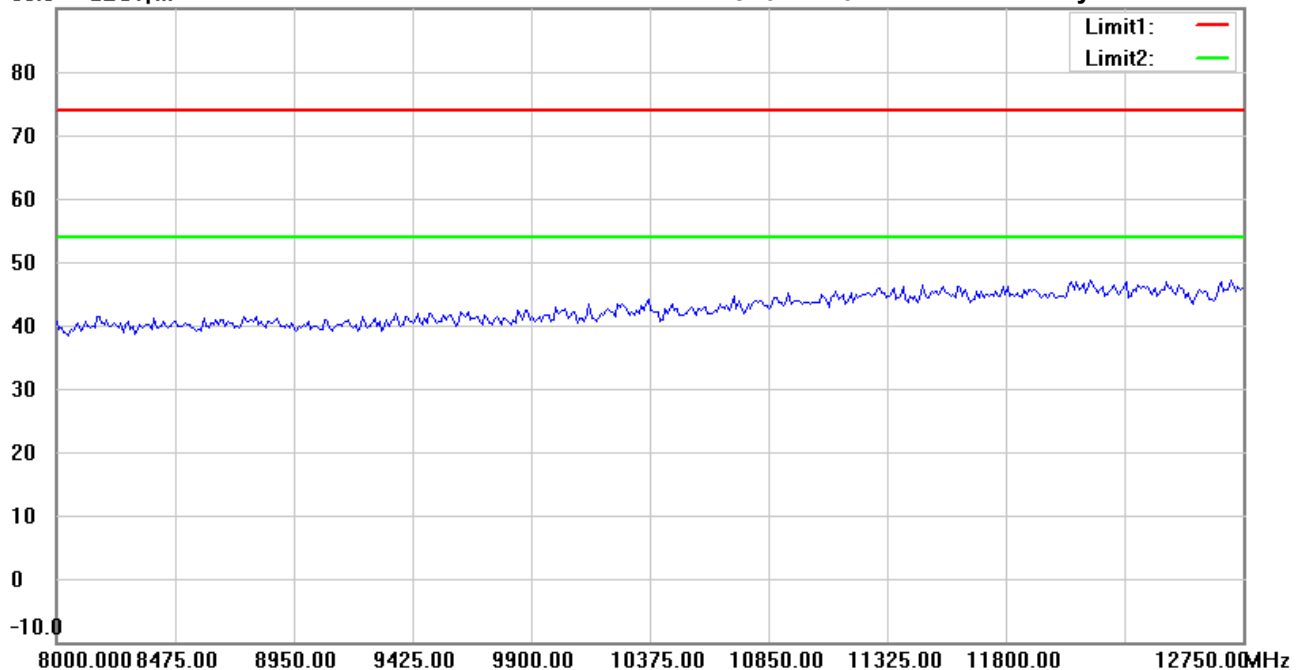
Date: 10/27/2019

Temperature: 23.9 °C

90.0 dBuV/m

Time: 9:44:43 AM

Humidity: 72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH7

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

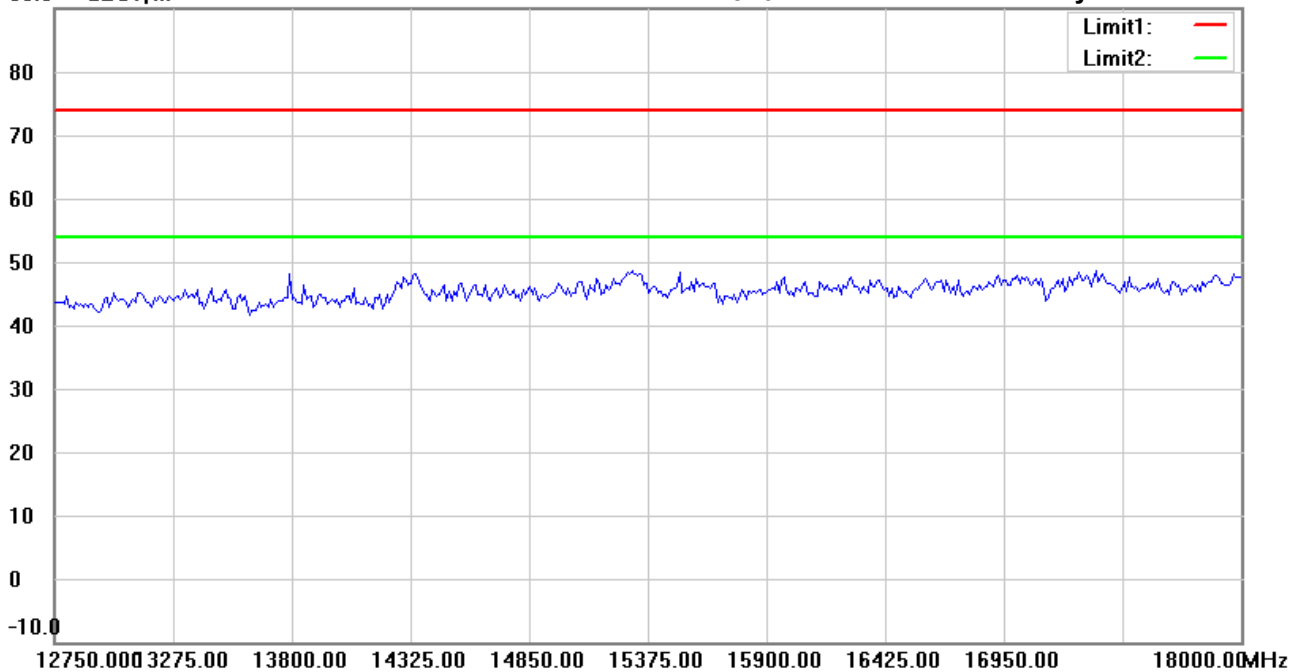
Date: 10/27/2019

Temperature:23.9 °C

90.0 dBuV/m

Time: 9:44:11 AM

Humidity:72.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21910-19416

M/N:

Test Mode : RX 802.11b CH7

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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