

FCC PART 15 SUBPART C TEST REPORT

for

ERGOHUB

Model No.: ERHUB1019

FCC ID: 2AUT8-ERHUB1019

of

Applicant: **Xinadda Inc.**

Address: **2051 JUNCTION AVE, SUITE 228 San Jose, CA 95131
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. 20037

A2LA Accredited No.: 2732.01



Report No.: W6M21910-19433-C-1

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



Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019

TABLE OF CONTENTS

1	GENERAL INFORMATION.....	2
1.1	NOTES	2
1.2	TESTING LABORATORY	3
1.2.1	Location	3
1.2.2	Details of accreditation status	3
1.3	DETAILS OF APPROVAL HOLDER	3
1.4	APPLICATION DETAILS.....	4
1.5	GENERAL INFORMATION OF TEST ITEM.....	4
1.6	TEST STANDARDS	6
2	TECHNICAL TEST.....	7
2.1	SUMMARY OF TEST RESULTS.....	7
2.2	TEST ENVIRONMENT	7
2.3	TEST EQUIPMENT LIST.....	8
2.4	GENERAL TEST PROCEDURE.....	11
3	TEST RESULTS (ENCLOSURE)	13
3.1	PEAK OUTPUT POWER (TRANSMITTER).....	14
3.2	EQUIVALENT ISOTROPIC RADIATED POWER (EIRP)	23
3.3	EXEMPTION LIMITS FOR ROUTINE EVALUATION ACCORDING TO 47 CFR FCC PART 2 SUBPART J, SECTION 2.1091	23
3.4	TRANSMITTER RADIATED EMISSIONS IN RESTRICTED BANDS	26
3.5	SPURIOUS EMISSIONS (TX).....	27
3.6	RADIATED EMISSION ON THE BAND EDGE	29
3.7	MINIMUM 6 dB BANDWIDTH	35
3.8	PEAK POWER SPECTRAL DENSITY	44
3.9	RADIATED EMISSION FROM RECEIVER PART	53
3.10	POWER LINE CONDUCTED EMISSION	54
APPENDIX.....		57



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

1 General Information

1.1 Notes

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

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

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

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

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

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

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

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

Specific Conditions:

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

Tester:

November 26, 2019

Sora Kuo

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

November 26, 2019

Kevin Wang

Date

WTS

Name

Signature



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

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. 20037

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: Xinadda Inc.

Street: 2051 JUNCTION AVE, SUITE 228

Town: San Jose, CA 95131

Country: United States

Telephone: ./.

Fax: ./.



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

1.4 Application details

Date of receipt of test item: November 12, 2019

Date of test: from November 13, 2019 to November 26, 2019

1.5 General information of Test item

Type of test item: ERGOHUB

Model Number: ERHUB1019

Brand Name: ERGOCHIEF

Multi-listing model number: ./.

Photos: see Appendix

Technical data

Frequency band: 2400 MHz – 2483.5 MHz

11b, 11g, 11n 20MHz

Frequency (ch 1 or A): 2.412 GHz

Frequency (ch 6 or B): 2.437 GHz

Frequency (ch 11 or C): 2.462 GHz

11n 40MHz

Frequency (ch 1 or A): 2.422 GHz

Frequency (ch 4 or B): 2.437 GHz

Frequency (ch 7 or C): 2.452 GHz

Modulation Type: DSSS / OFDM

Bluetooth Low Energy

Frequency (ch 0 or A): 2402 MHz

Frequency (ch 19 or B): 2440 MHz

Frequency (ch 39 or C): 2480 MHz

Operation modes: Duplex

Modulation Type: GFSK

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

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

11n 40MHz: 7

Bluetooth Low Energy: 40

Type of Antenna: PIFA Antenna

Antenna gain: 4.4 dBi



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

Power supply:

Adaptor: I/P: 100-240 Va.c., 50/60Hz, 0.3A
O/P: 5 Vd.c., 1000 mA

Emission designator:

11b: DSSS: 13M7G1D

11g: OFDM: 16M5D1D

11n 20MHz: OFDM: 17M7D1D

11n 40MHz: OFDM: 36M3D1D

BLE: 1M05G1D

Host device:

none

Classification:

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

Transmitter

Unom

Mode A (DSSS)

Power (ch 1 or A):

Conducted: 12.98 dBm

Power (ch 6 or B):

Conducted: 12.50 dBm

Power (ch 11 or C):

Conducted: 12.57 dBm

Mode B (OFDM)

Power (ch 1 or A):

Conducted: 8.75 dBm

Power (ch 6 or B):

Conducted: 8.34 dBm

Power (ch 11 or C):

Conducted: 7.64 dBm

Mode C (OFDM)

Power (ch 1 or A):

Conducted: 7.21 dBm

Power (ch 6 or B):

Conducted: 7.01 dBm

Power (ch 11 or C):

Conducted: 6.68 dBm

Mode D (OFDM)

Power (ch 1 or A):

Conducted: 5.11 dBm

Power (ch 4 or B):

Conducted: 4.44 dBm

Power (ch 7 or C):

Conducted: 4.28 dBm

Mode E (Bluetooth Low Energy)

Power (ch 0 or A):

Conducted: 1.63 dBm

Power (ch 19 or B):

Conducted: 1.97 dBm

Power (ch 39 or C):

Conducted: 3.19 dBm



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

Manufacturer: (if applicable)

Name: Dexatek Technology Ltd.
Street: 16F., No.81, Sec. 1, Xintai 5th Rd., Xizhi Dist.,
Town: New Taipei City 221,
Country: Taiwan (R.O.C.)

Additional information: ./.

1.6 Test standards

Technical standard : FCC RULES SUBPART C § 15.247 (2018-10)



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

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

Temperature: 23 °C

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Power supply: Adaptor: I/P: 100-240 Va.c., 50/60Hz, 0.3A
O/P: 5 Vd.c., 1000 mA

Extreme conditions parameters: ./.

Test item Name	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 Bandwidth Measurement 20 dB Bandwidth, Occupied bandwidth, Channel bandwidth, Necessary Bandwidth	Expanded Uncertainty : 0.45 kHz
Estimation Result of Uncertainty of Conducted Output Power Measurement Output power	Expanded Uncertainty : 1.72 dB
Estimation Result of Uncertainty of Power Density Measurement Power density	Expanded Uncertainty : 1.73 dB
Estimation Result of Uncertainty of Band Edge Measurement	Expanded Uncertainty : 0.98 dBc

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

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	2019/6/4	2020/6/3
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	2019/11/1	2020/10/31
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2019/9/24	2020/9/23
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	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: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

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	2019/10/25	2020/10/24
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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

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



Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019

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

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

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

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

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.



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

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

The formula is as follows:

Average = Peak + Duty Factor

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

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

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

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



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

3 Test results (enclosure)

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

The following is intentionally left blank.



Registration number: W6M21910-19433-C-1

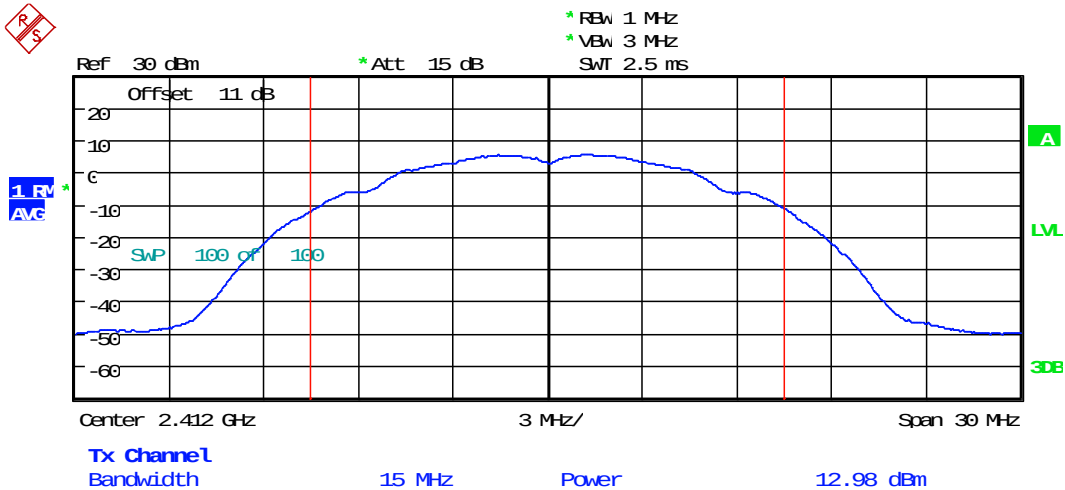
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3.1 Peak Output Power (transmitter)

FCC Rule: 15.247(d)(3)

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

Mode A



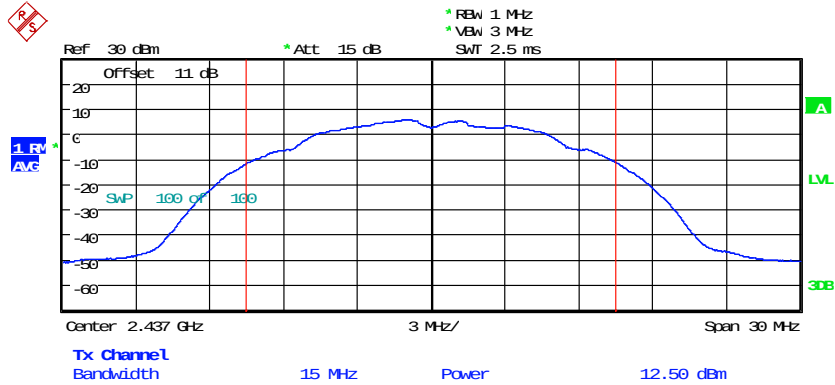
MAX OUTPUT POWER 802.11B CH01

Date: 20.NOV.2019 10:34:39

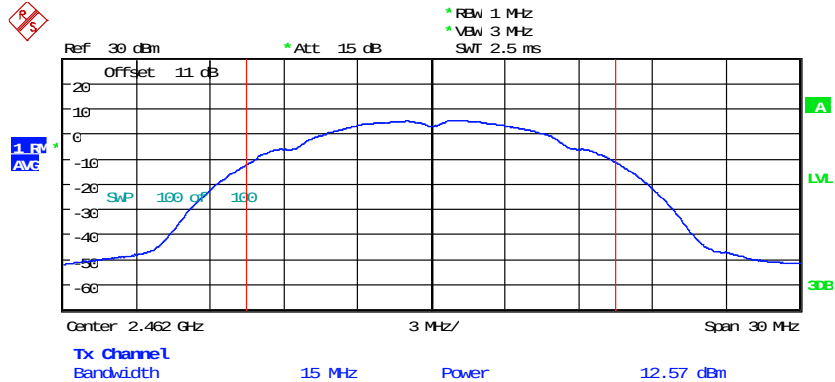


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



MAX OUTPUT POWER 802.11B CH06
Date: 20.NOV.2019 10:35:29

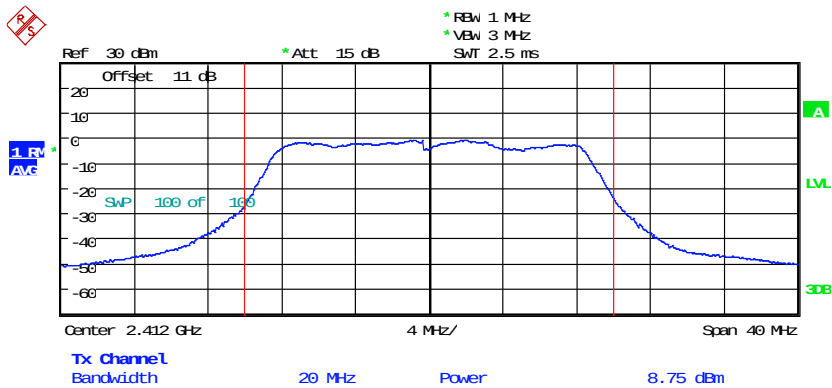


MAX OUTPUT POWER 802.11B CH11
Date: 20.NOV.2019 10:36:52

Registration number: W6M21910-19433-C-1

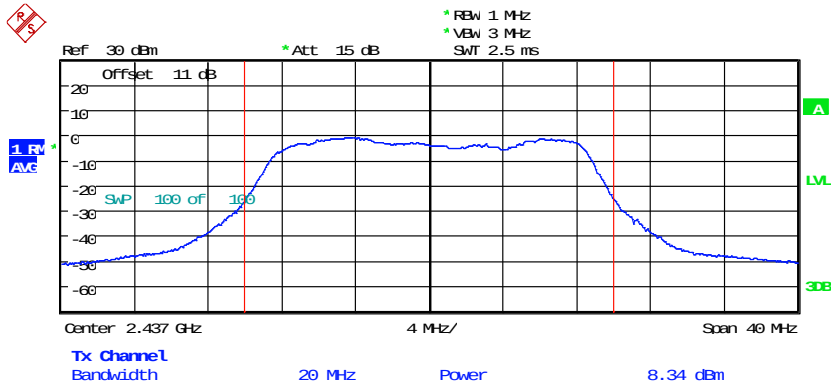
FCC ID: 2AUT8-ERHUB1019

Mode B



MAX OUTPUT POWER 802.11G CH01

Date: 20.NOV.2019 10:37:38



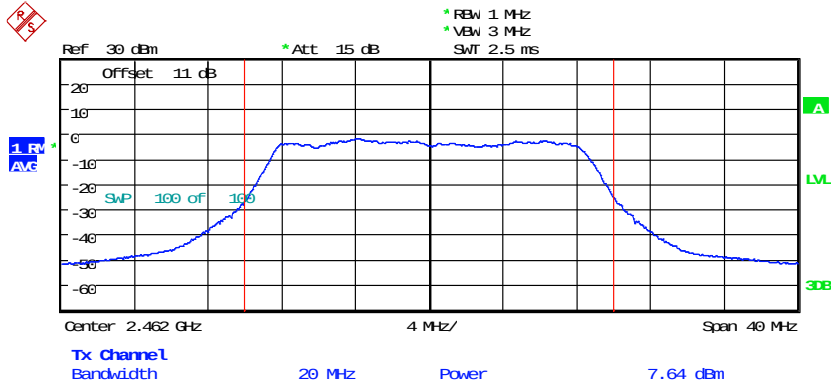
MAX OUTPUT POWER 802.11G CH06

Date: 20.NOV.2019 10:38:20



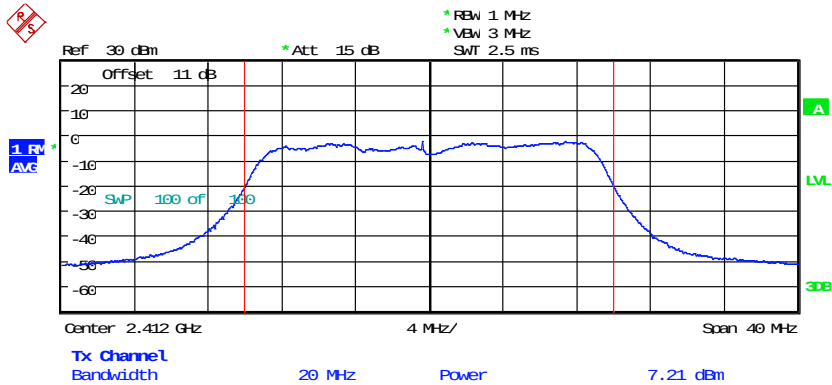
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



MAX OUTPUT POWER 802.11G CH11
Date: 20.NOV.2019 10:39:05

Mode C

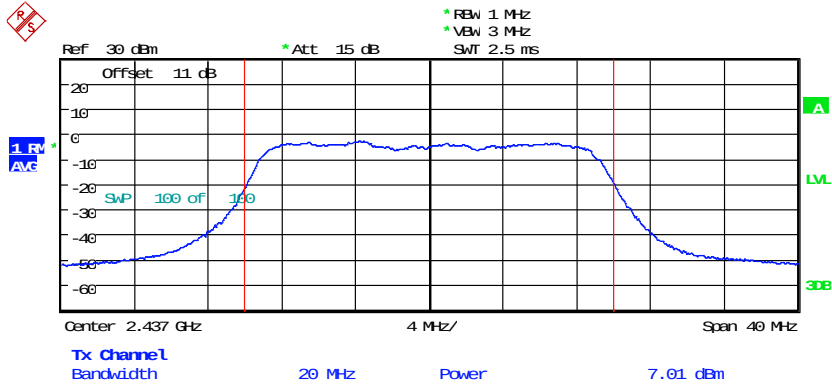


MAX OUTPUT POWER 802.11N 20MHZ CH1
Date: 20.NOV.2019 10:43:03

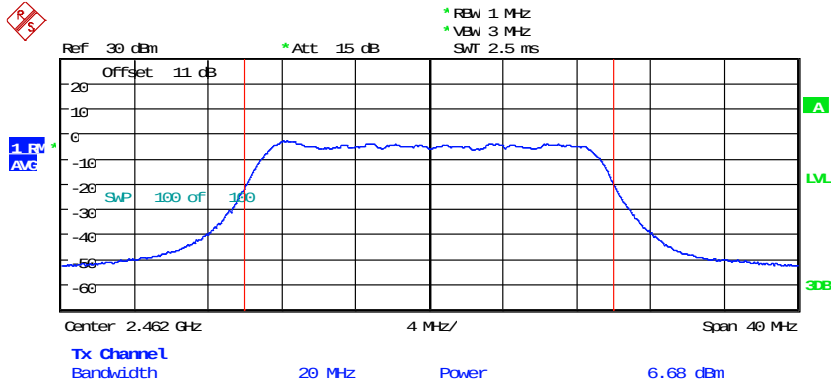


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



MAX OUTPUT POWER 802.11N 20MHZ CH6
Date: 20.NOV.2019 10:44:01



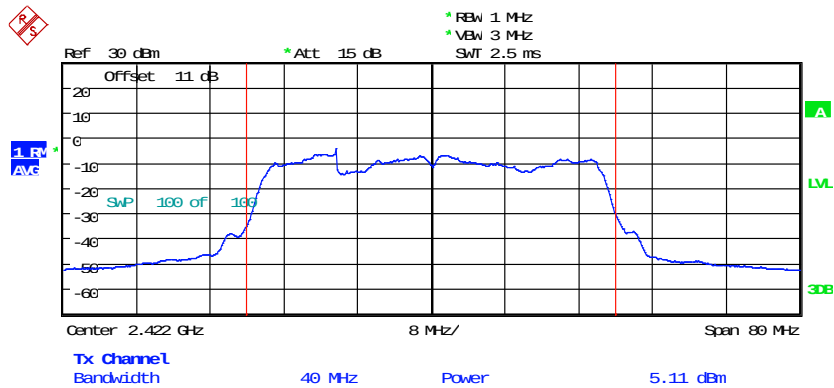
MAX OUTPUT POWER 802.11N 20MHZ CH11
Date: 20.NOV.2019 10:44:50



Registration number: W6M21910-19433-C-1

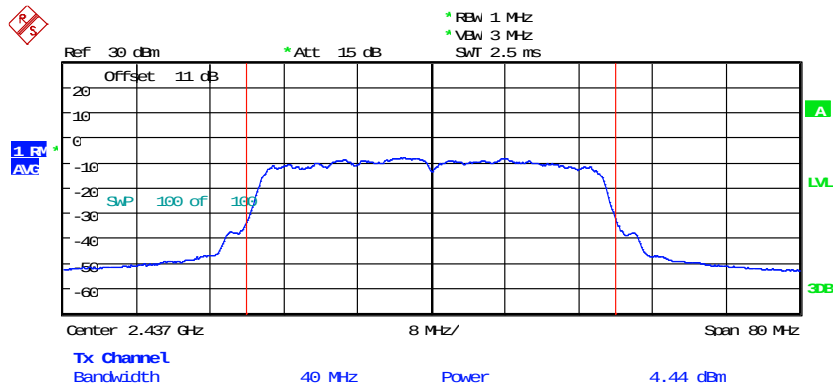
FCC ID: 2AUT8-ERHUB1019

Mode D



MAX OUTPUT POWER 802.11N 40MHZ CH1

Date: 20.NOV.2019 10:47:06

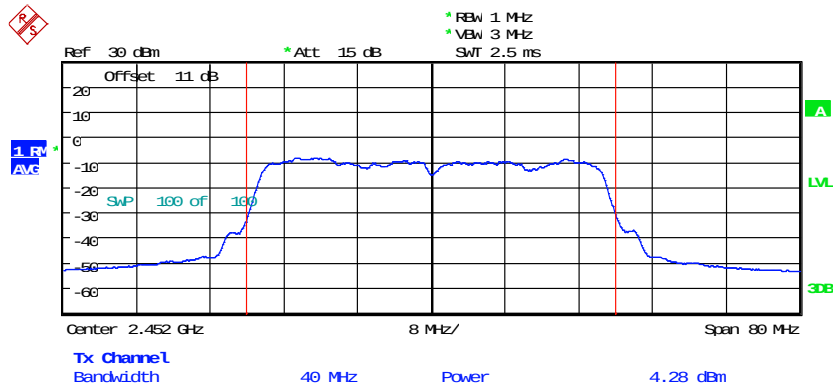


MAX OUTPUT POWER 802.11N 40MHZ CH4

Date: 20.NOV.2019 10:48:09

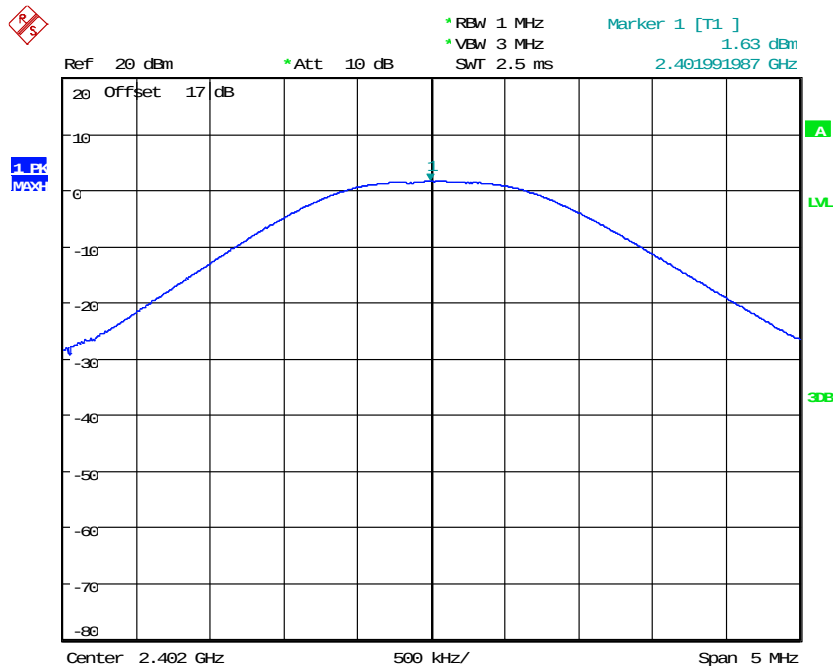


Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019

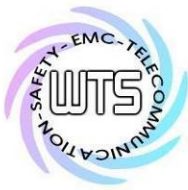


MAX OUTPUT POWER 802.11N 40MHZ CH7
Date: 20.NOV.2019 10:49:19

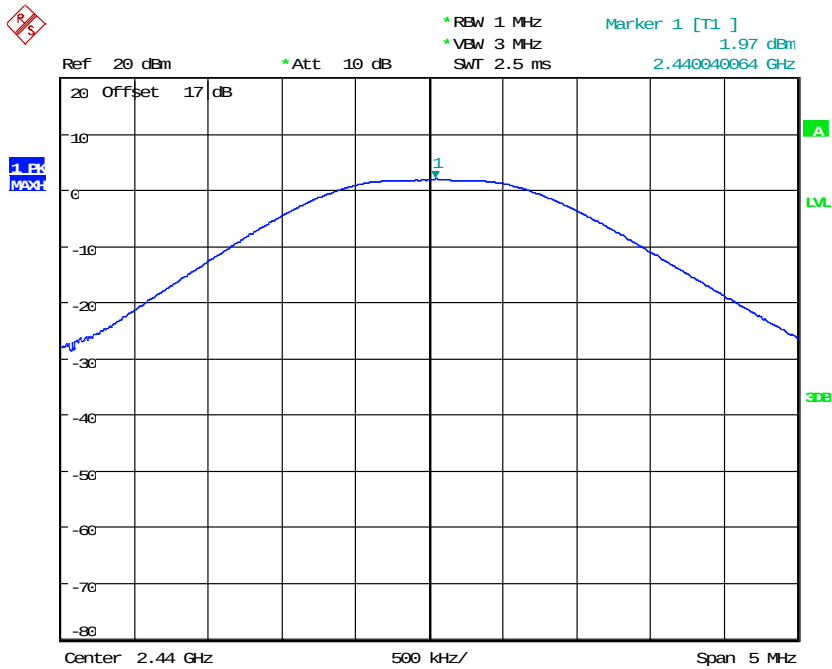
Mode E



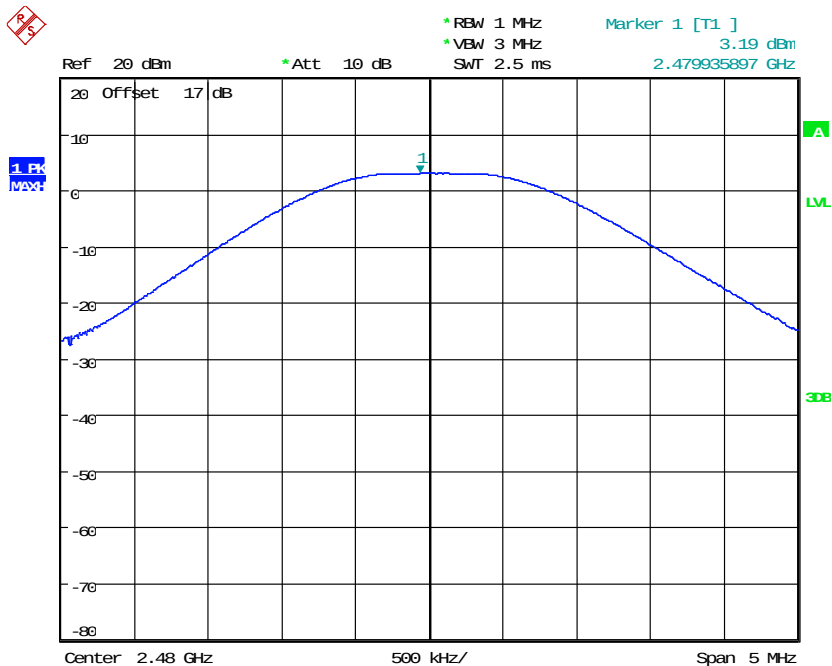
MAX OUTPUT POWER BT4.0 CH00
Date: 20.NOV.2019 09:49:13



Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



MAX OUTPUT POWER BT4.0 CH19
Date: 20.NOV.2019 09:50:05



MAX OUTPUT POWER BT4.0 CH39
Date: 20.NOV.2019 09:51:05



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019

Limits:

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

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

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



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

3.2 Equivalent isotropic radiated power (EIRP)

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

WLAN (2412-2462 MHz)

EIRP = 12.98 dBm+ (4.4 dBi [antenna gain claimed by manufacturer])

= 17.38 dBm = 54.70 mW

BLE (2402-2480 MHz)

EIRP = 3.19 dBm+ (4.4 dBi [antenna gain claimed by manufacturer])

= 7.59 dBm = 5.74 mW

3.3 Exemption Limits for Routine Evaluation according to 47 CFR FCC Part 2 Subpart J, section 2.1091

FCC OET Bulletin 65 Edition 97.01 determines the equations for predicting RF fields and applicable limits.

The prediction for power density in the far-field but will over-predict power density in the near field, where it could be used for walking a “worst case” or conservative prediction.

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 20 cm normally can be maintained between the user and the device.



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

MPE Calculation Method

(A) Limits for Occupational/Controlled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1500	--	--	f/300	6
1500-100,000	--	--	5	6

(B) Limits for General Population/Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/1500	30
1500-100,000	--	--	1.0	30

f = frequency in MHz

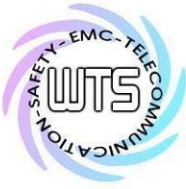
*Plane-wave equivalent power density

E = Electric field (V/m) P = output power (W) G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to mW/cm².

$$Pd \cdot \frac{30 \times P \times G}{377 \times d^2}$$



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

WLAN

Established separation distance is 20 cm.

Operating frequency band: 2412-2462 MHz, 2422-2452 MHz

The product meets RF exposure requirement.

Because the power density of 0.0109 mW/cm^2 at 2412 MHz is below the power density limit of 1 mW/cm^2 .

BLE

Established separation distance is 20 cm.

Operating frequency band: 2402-2480 MHz

The product meets RF exposure requirement.

Because the power density of 0.0012 mW/cm^2 at 2480 MHz is below the power density limit of 1 mW/cm^2 .



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

3.4 Transmitter Radiated Emissions in Restricted Bands

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

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

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

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

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

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

Limits.

For frequencies below 1GHz:

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

For frequencies above 1GHz (Average measurements).

Guidance on Measurement of Digit Transmission Systems:

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

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

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

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

Explanation: See attached diagrams in Appendix.



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

3.5 Spurious Emissions (tx)

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

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

FCC Rule: 15.247(d), 15.35

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

Limits:

For frequencies above 1GHz (Peak measurements).

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

For frequencies above 1GHz (Average measurements).

Max. reading – 20dB

Max. reading – 20 dB

Guidance on Measurement of Digit Transmission Systems:

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

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

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

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

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

Calculation of test results:

Such factors like antenna correction, cable loss, external attenuation etc. are already included in the provided measurement results. This is done by using validated test software and calibrated test system according the accreditation requirements.

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

In the Table being listed the critical peak and average value and exhibit the compliance with the above calculated Limits.

If in the column's correction factor states a value then the max. Field strength in the same row is corrected by a value gained from the "Correction Factor".

Summary table with radiated data of the test plots

Model: ERHUB1019

Date: --

Mode: --

Temperature: -- °C Engineer: --

Polarization: --

Humidity: --

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

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

Note

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

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

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

Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

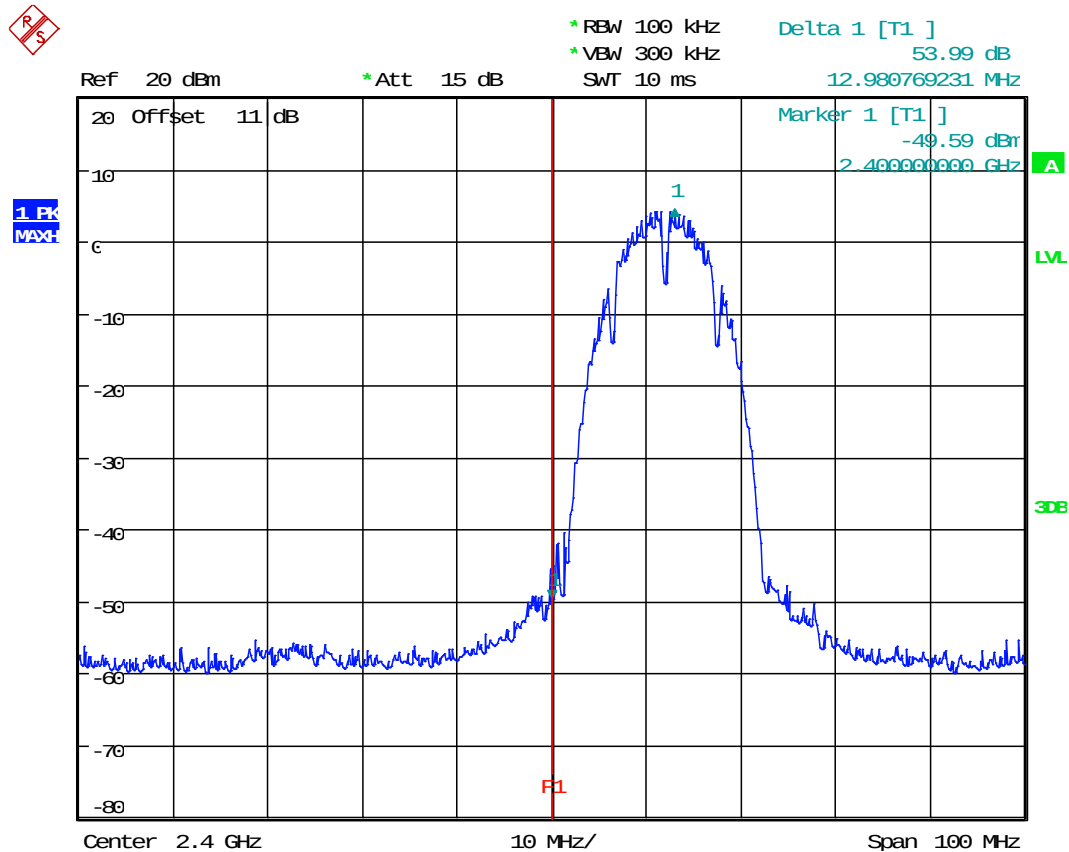
3.6 Radiated Emission on the band edge

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

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

100kHz Bandwidth of Band Edge

Mode A



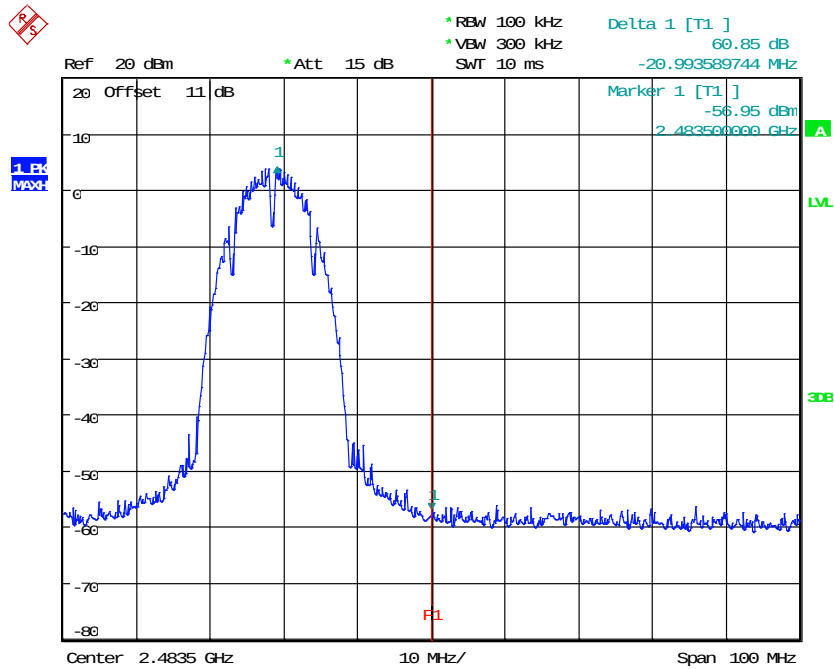
BANDEDGE 802.11B CH01

Date: 20.NOV.2019 10:35:08



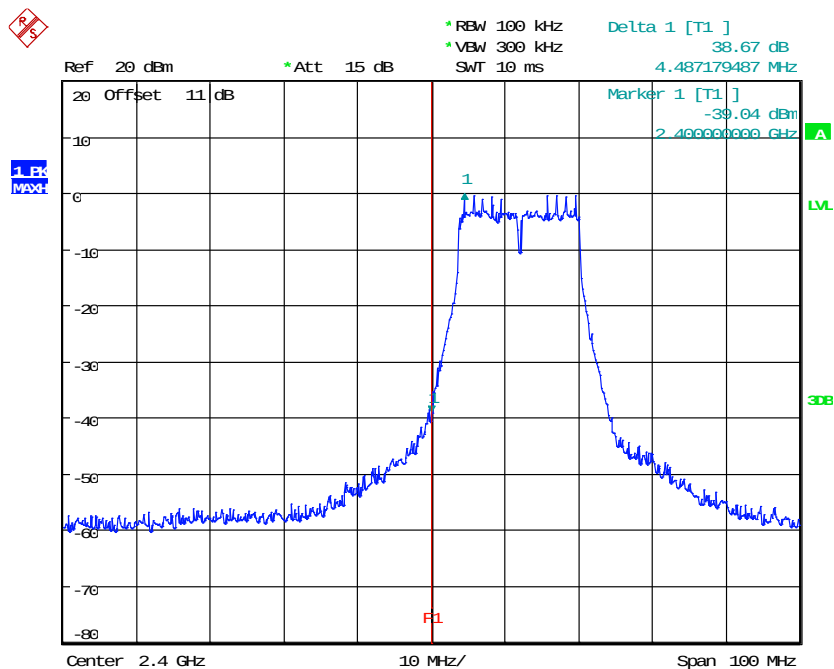
Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

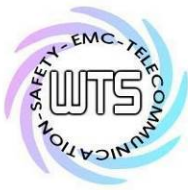


BANDEDGE 802.11B CH11
Date: 20.NOV.2019 10:37:16

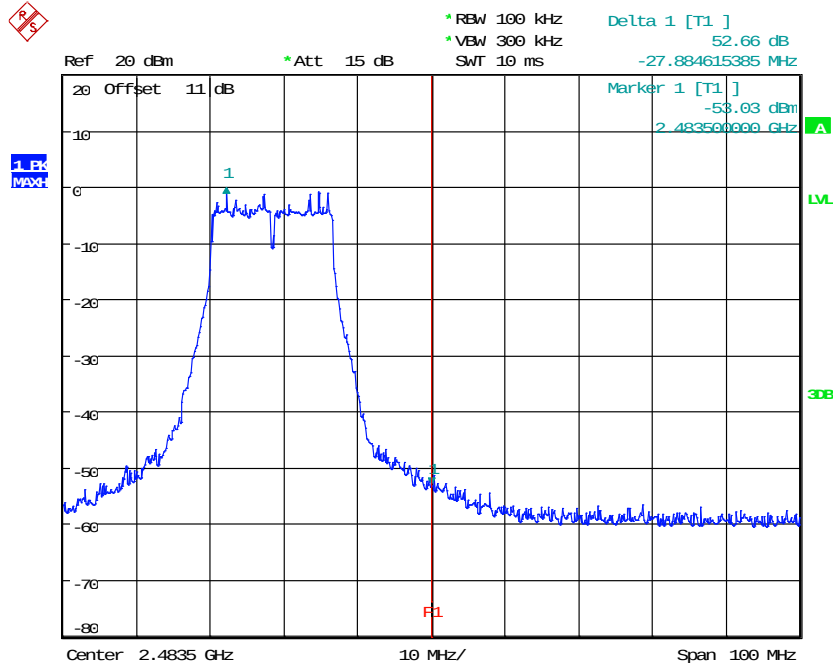
Mode B



BANDEDGE 802.11G CH01
Date: 20.NOV.2019 10:37:56

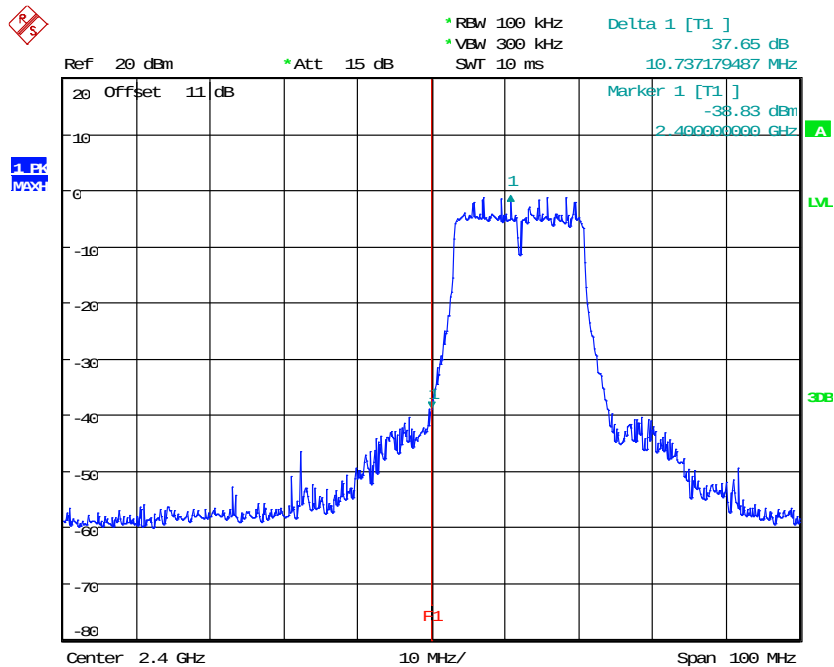


Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



BANDEDGE 802.11G CH11
Date: 20.NOV.2019 10:39:40

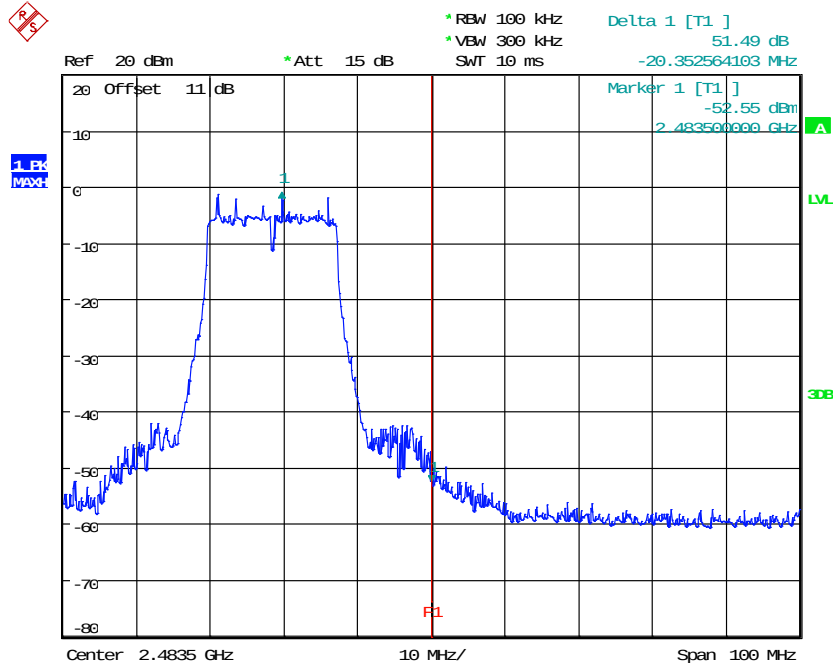
Mode C



BANDEDGE 802.11N 20MHZ CH01
Date: 20.NOV.2019 10:43:37

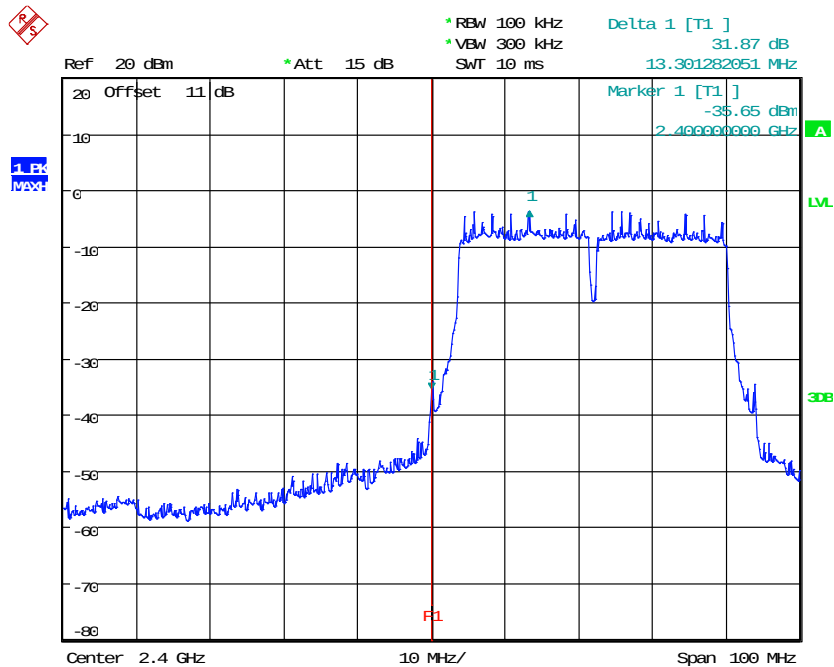


Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019

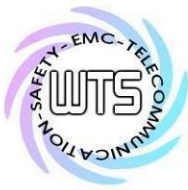


BANDEDGE 802.11N 20MHZ CH11
Date: 20.NOV.2019 10:45:22

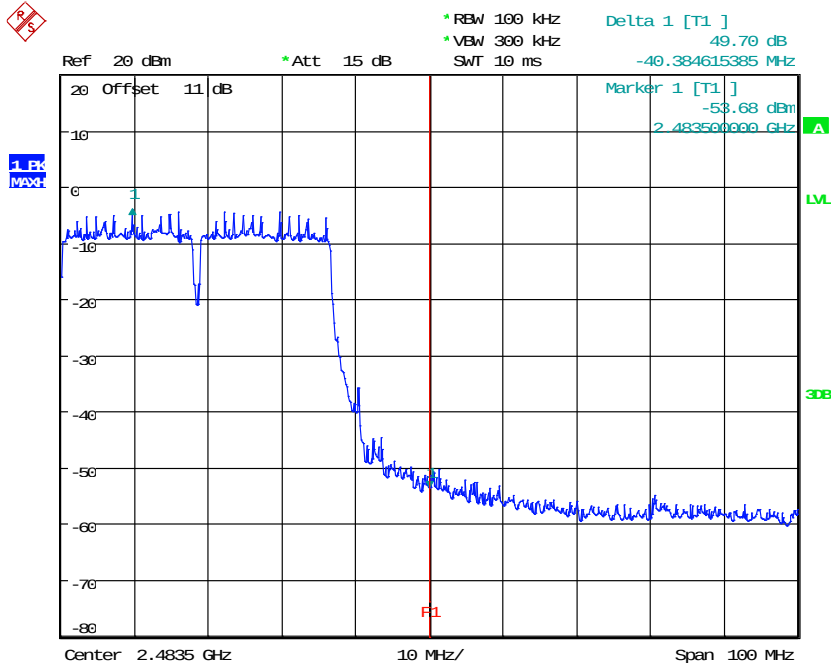
Mode D



BANDEDGE 802.11N 40MHZ CH01
Date: 20.NOV.2019 10:47:45

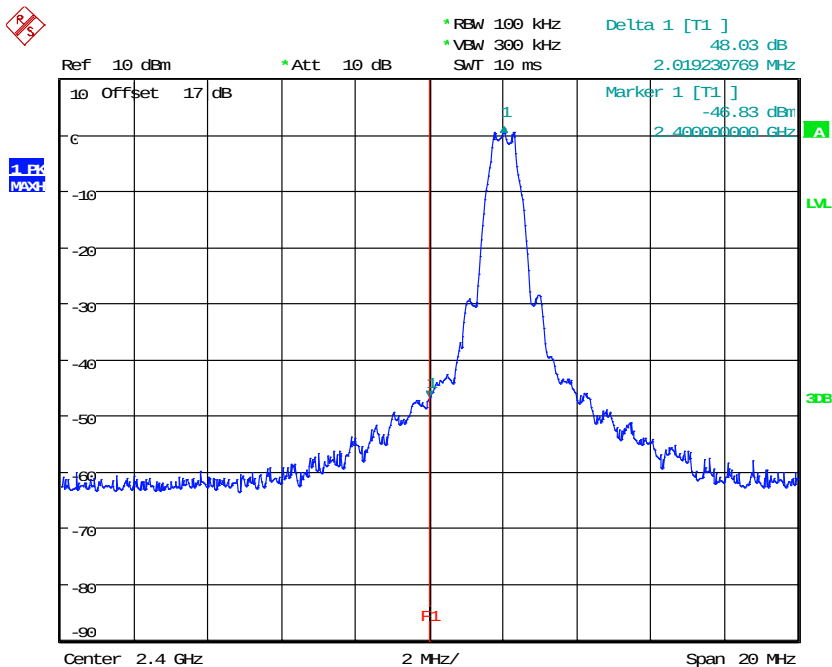


Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



BANDEDGE 802.11N 40MHZ CH07
Date: 20.NOV.2019 10:49:44

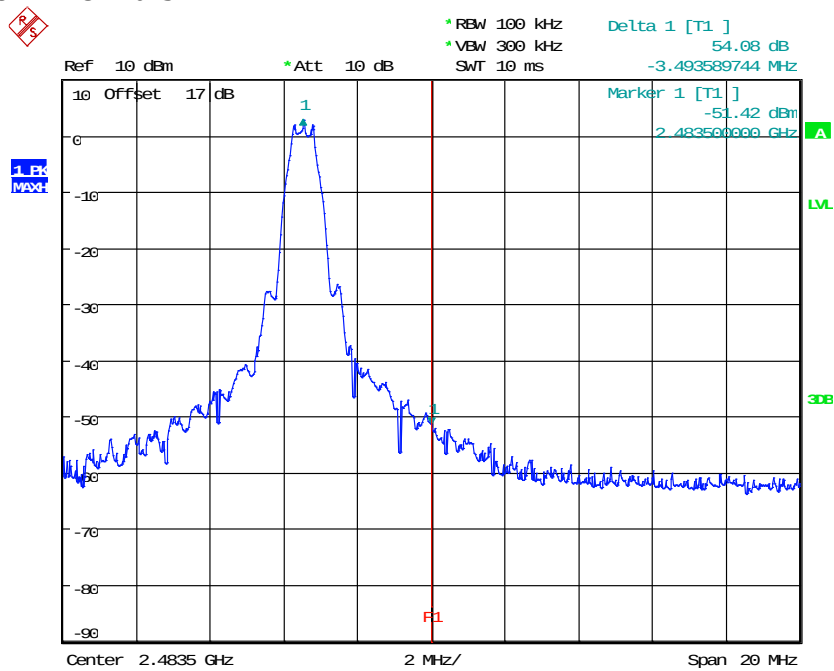
Mode E



BANDEDGE BT4.0 CH00
Date: 20.NOV.2019 09:49:41



Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



BANDEDGE BT4.0 CH39
Date: 20.NOV.2019 09:51:33

Limit:

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

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



Registration number: W6M21910-19433-C-1

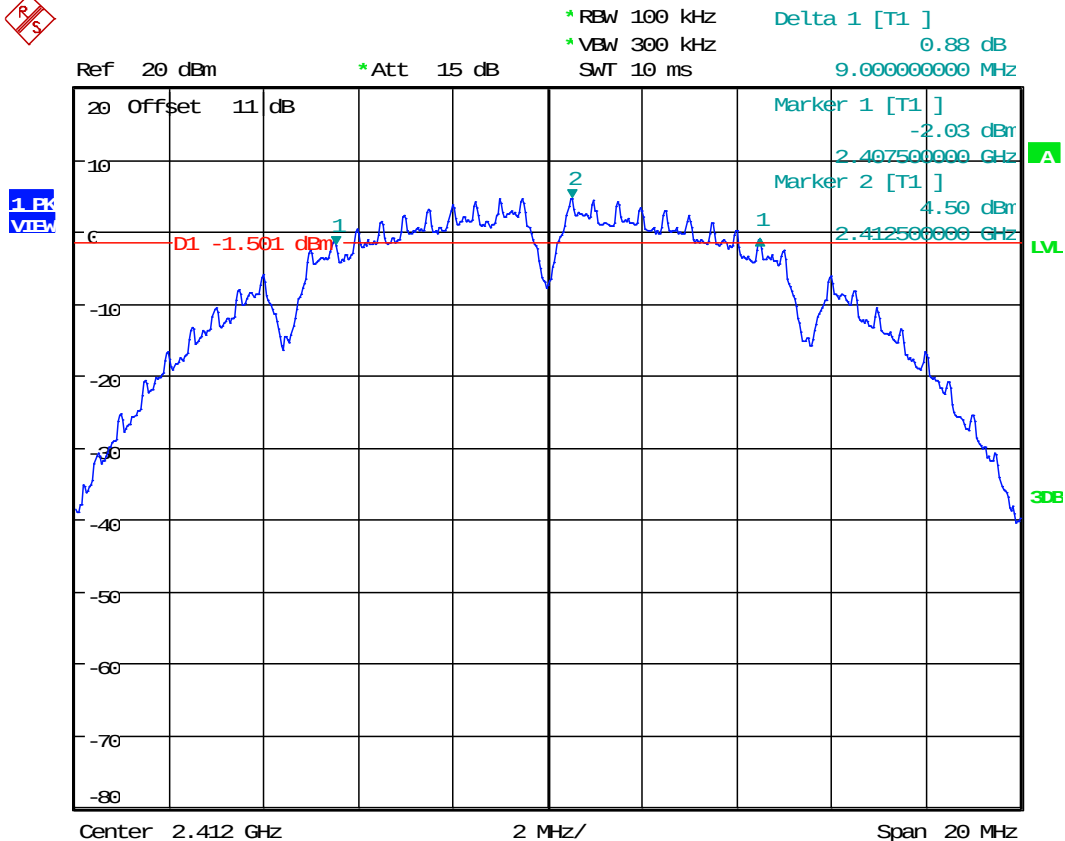
FCC ID: 2AUT8-ERHUB1019

3.7 Minimum 6 dB Bandwidth

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

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

Mode A



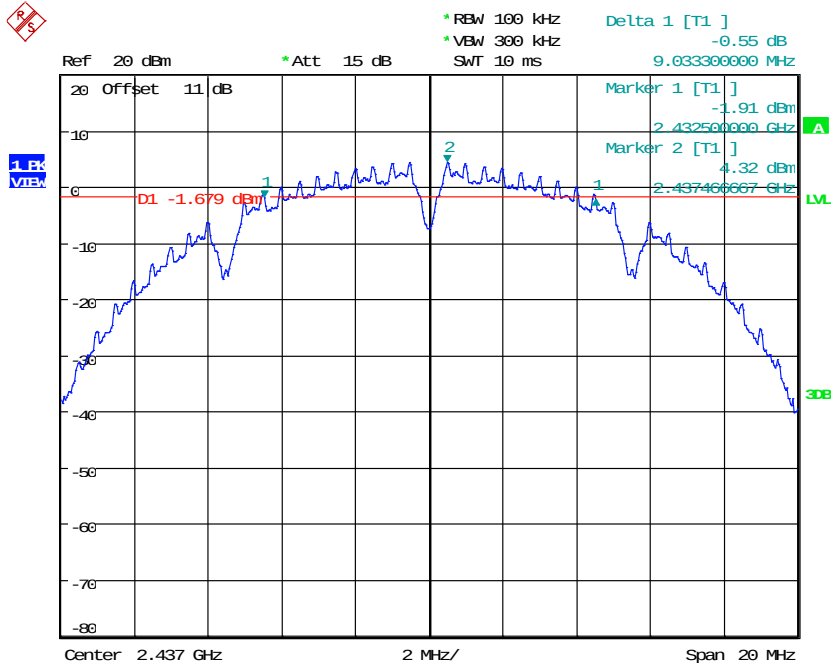
6DB BANDWIDTH 802.11B CH01

Date: 20.NOV.2019 10:34:50

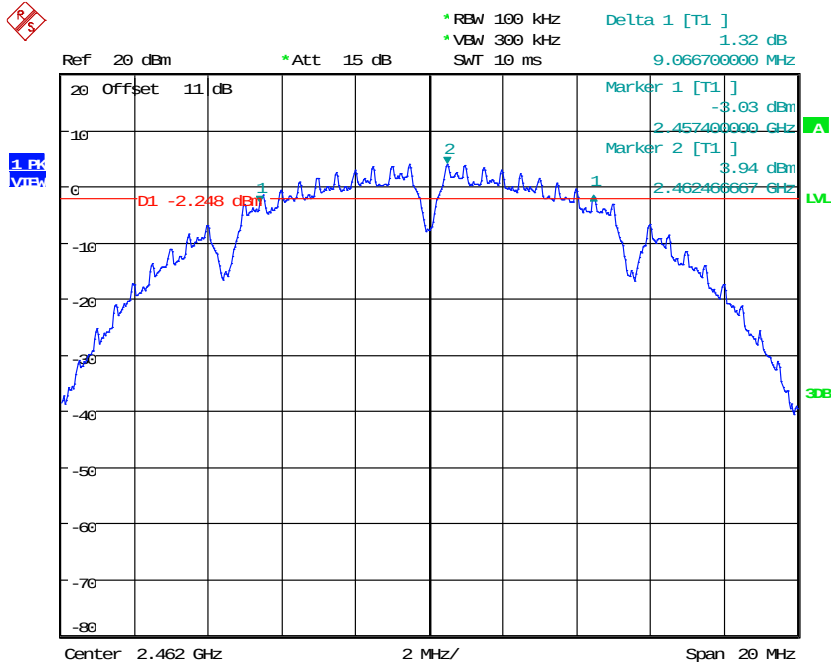


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



6DB BANDWIDTH 802.11B CH06
Date: 20.NOV.2019 10:35:37



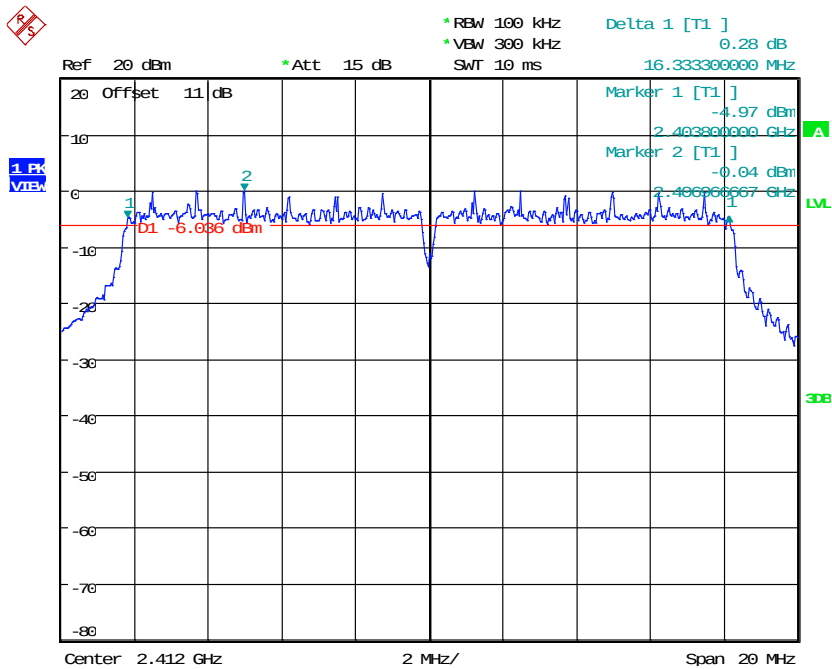
6DB BANDWIDTH 802.11B CH11
Date: 20.NOV.2019 10:37:04



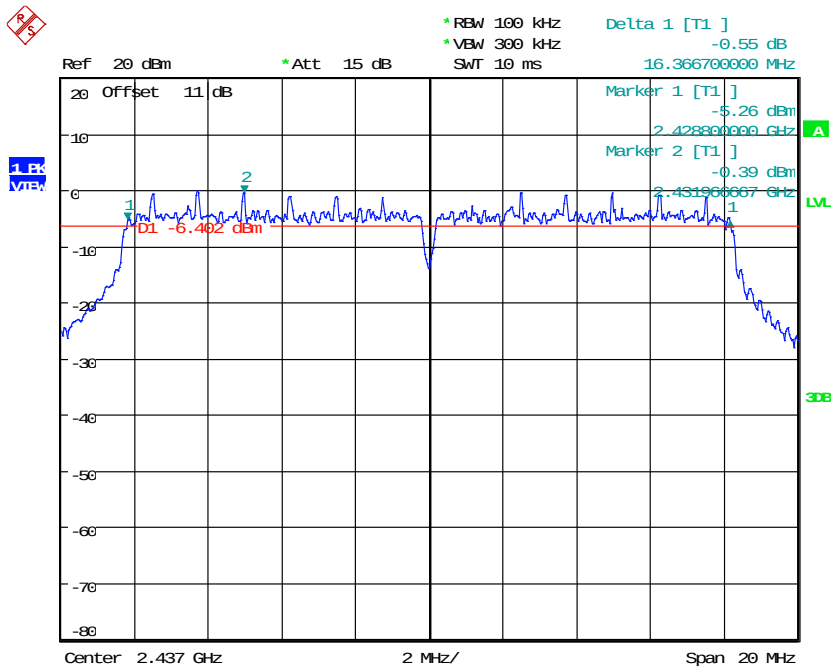
Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

Mode B



6DB BANDWIDTH 802.11G CH01
Date: 20.NOV.2019 10:37:44



6DB BANDWIDTH 802.11G CH06
Date: 20.NOV.2019 10:38:32

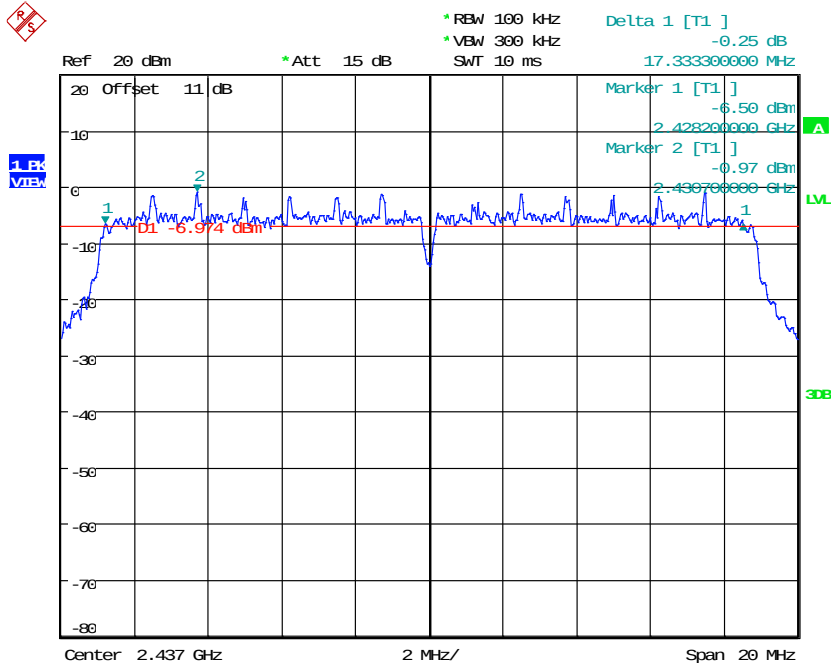


FCC ID: 2AUT8-ERHUB1019

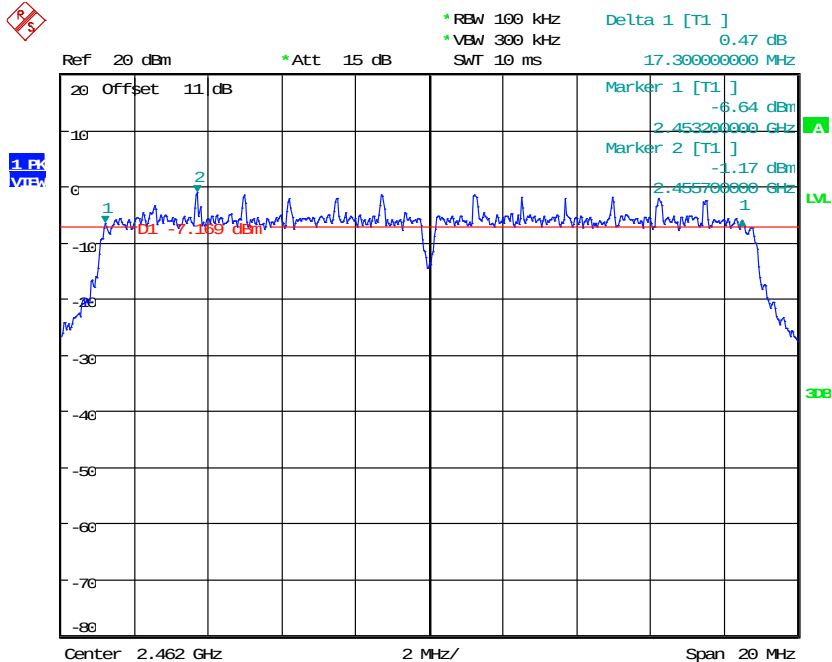


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



6DB BANDWIDTH 802.11N 20MHZ CH6
Date: 20.NOV.2019 10:44:11



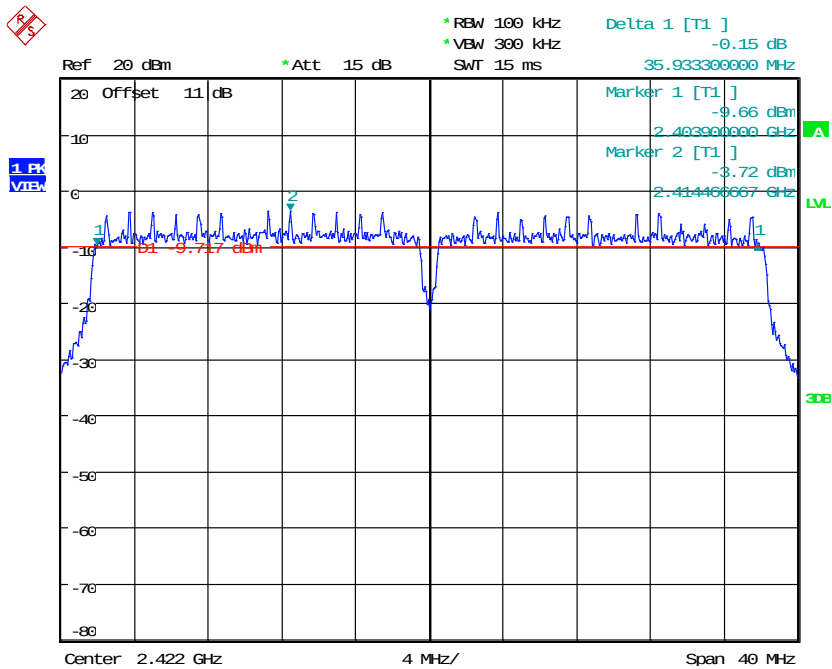
6DB BANDWIDTH 802.11N 20MHZ CH11
Date: 20.NOV.2019 10:45:02



Registration number: W6M21910-19433-C-1

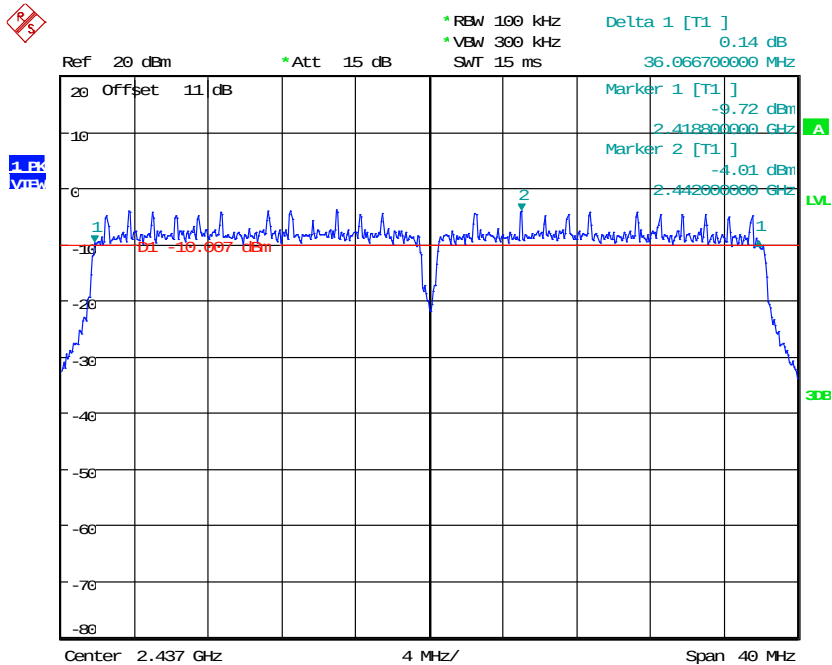
FCC ID: 2AUT8-ERHUB1019

Mode D



6DB BANDWIDTH 802.11N 40MHZ CH1

Date: 20.NOV.2019 10:47:17

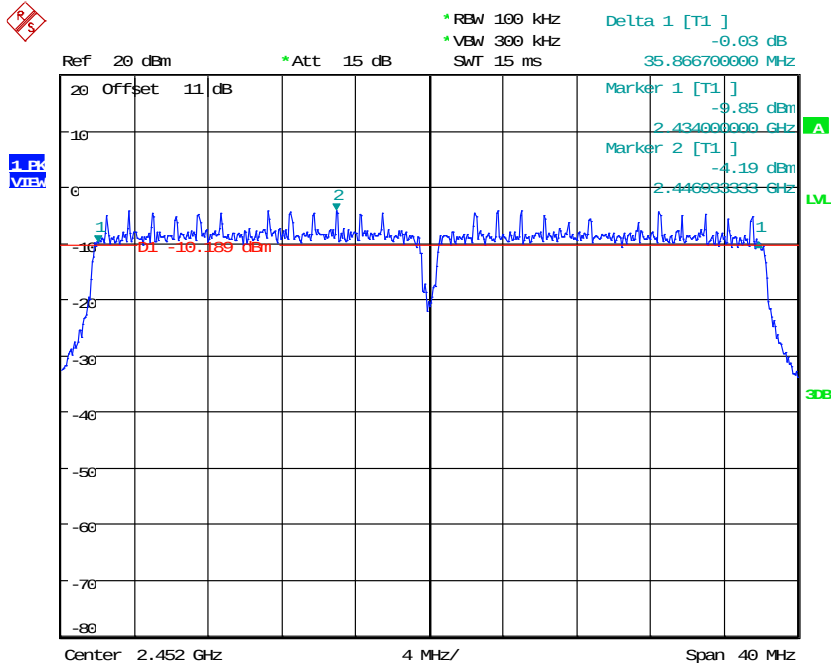


6DB BANDWIDTH 802.11N 40MHZ CH4

Date: 20.NOV.2019 10:48:18

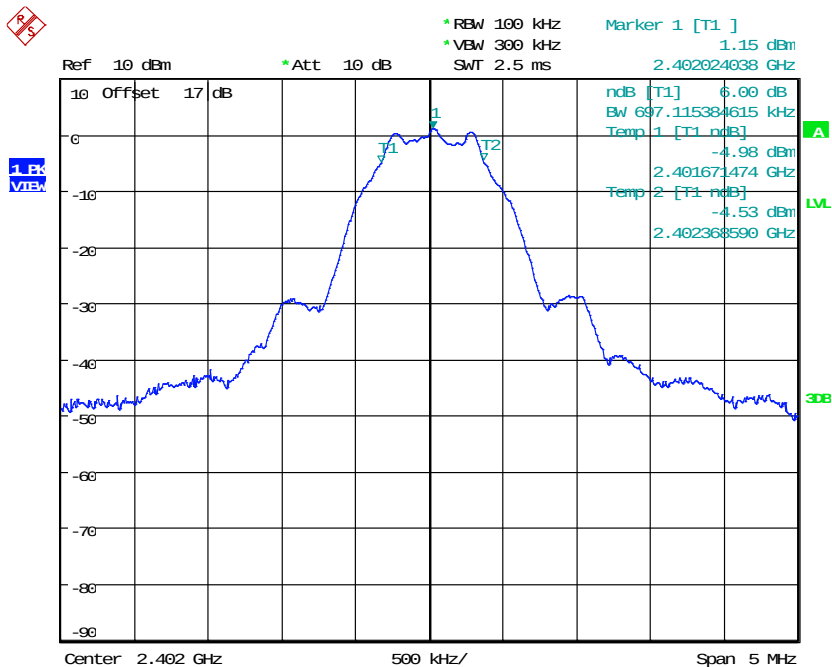


Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



6DB BANDWIDTH 802.11N 40MHZ CH7
Date: 20.NOV.2019 10:49:25

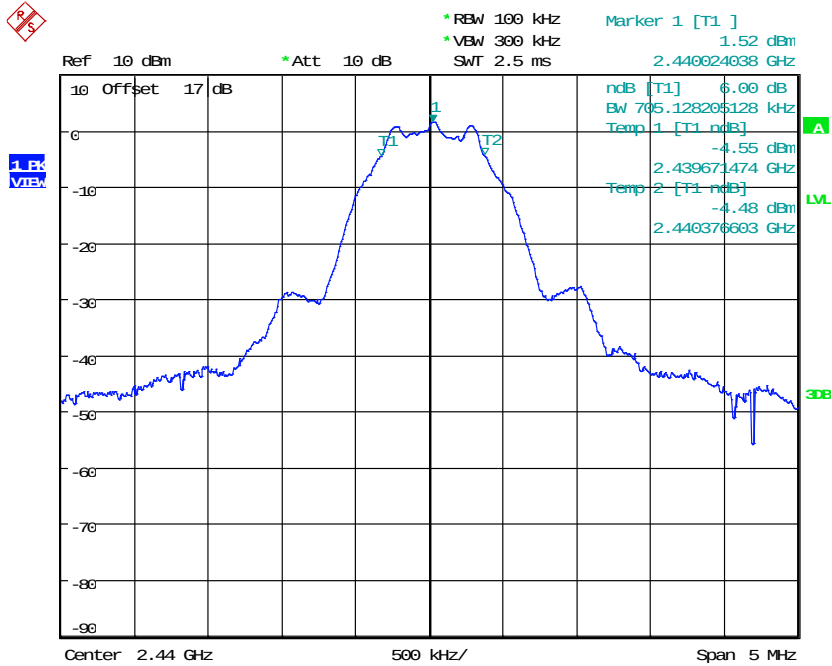
Mode E



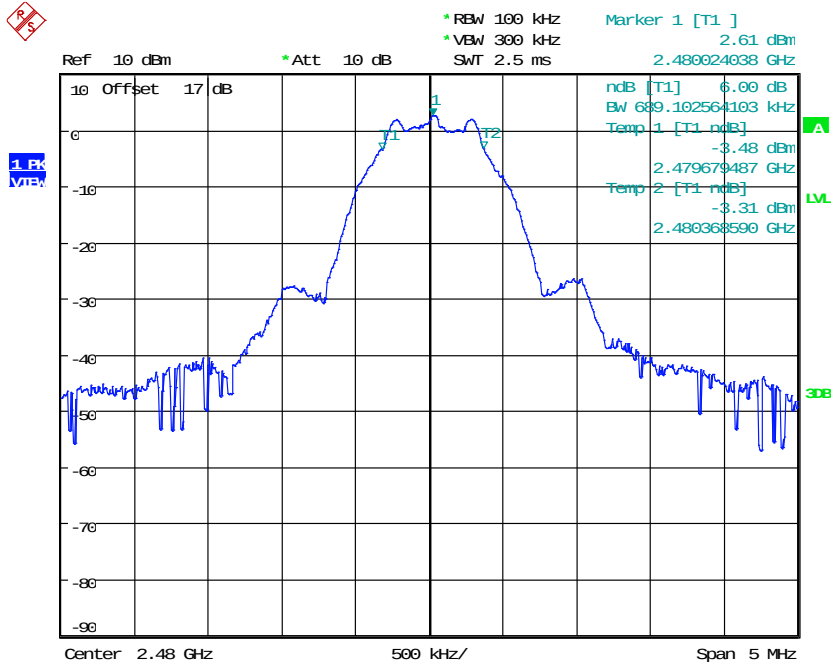
6DB BANDWIDTH BT4.0 CH00
Date: 20.NOV.2019 09:49:23



Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



6DB BANDWIDTH BT4.0 CH19
Date: 20.NOV.2019 09:50:15



6DB BANDWIDTH BT4.0 CH39
Date: 20.NOV.2019 09:51:15



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

Limits:

Frequency Range MHz	Limits
902-928	min 500 kHz
2400-2483.5	min 500 kHz
5725-5850	min 500 kHz

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



Registration number: W6M21910-19433-C-1

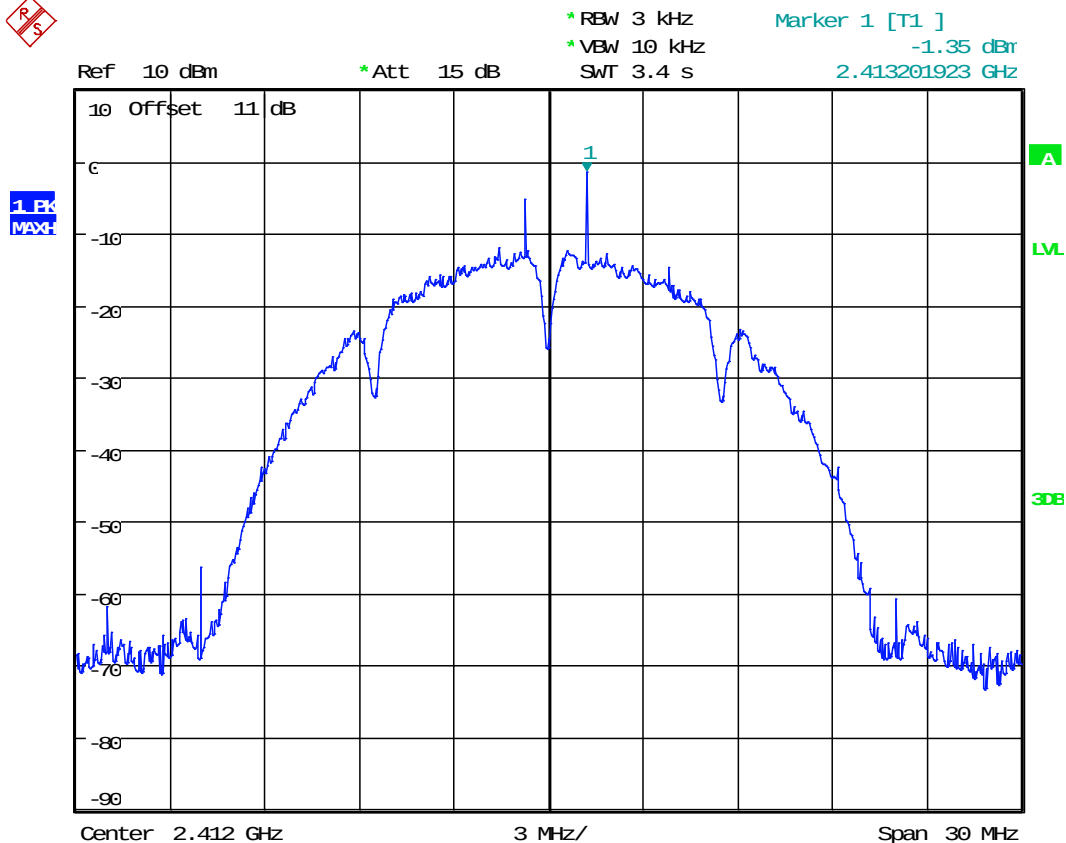
FCC ID: 2AUT8-ERHUB1019

3.8 Peak Power Spectral Density

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

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

Mode A

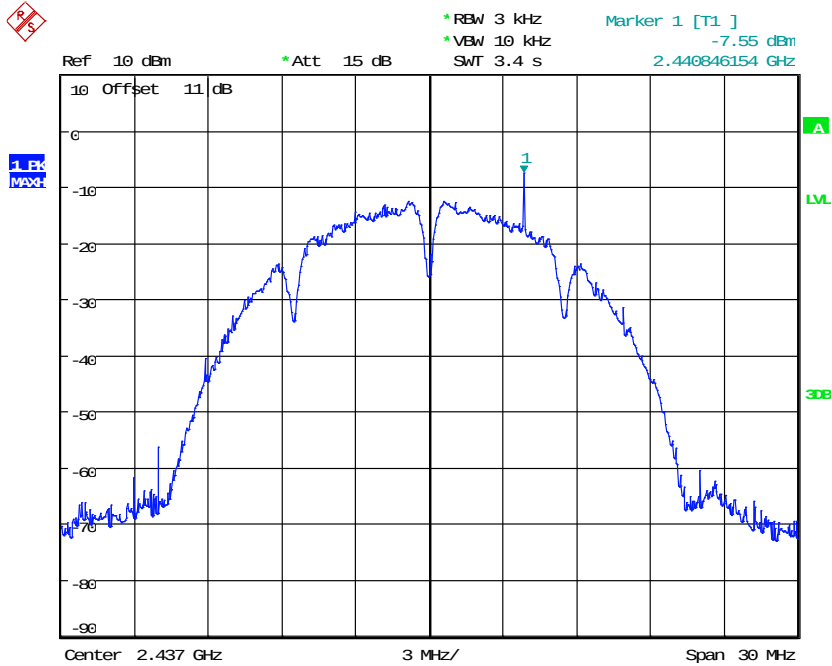


POWER DENSITY 802.11B CH01

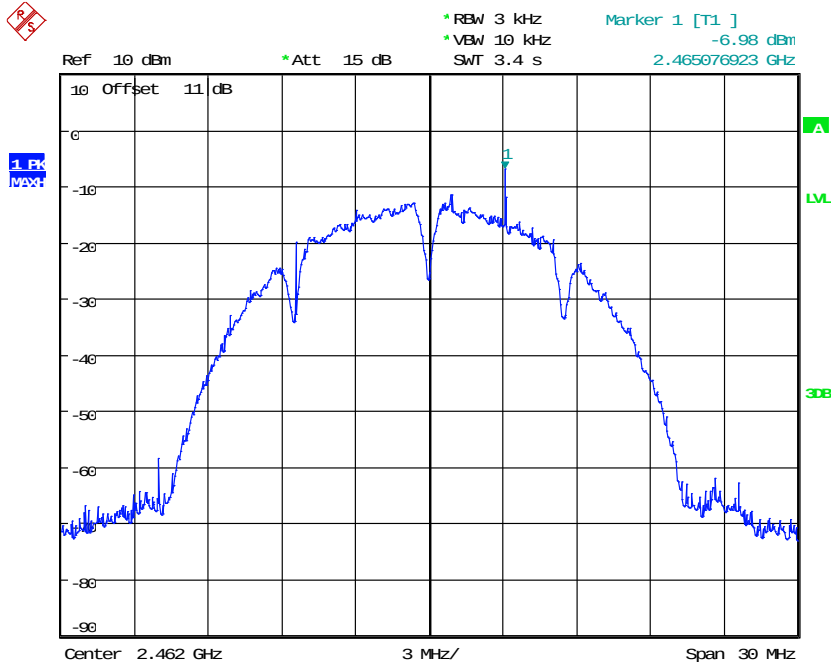
Date: 20.NOV.2019 10:35:02



Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



POWER DENSITY 802.11B CH06
Date: 20.NOV.2019 10:35:52



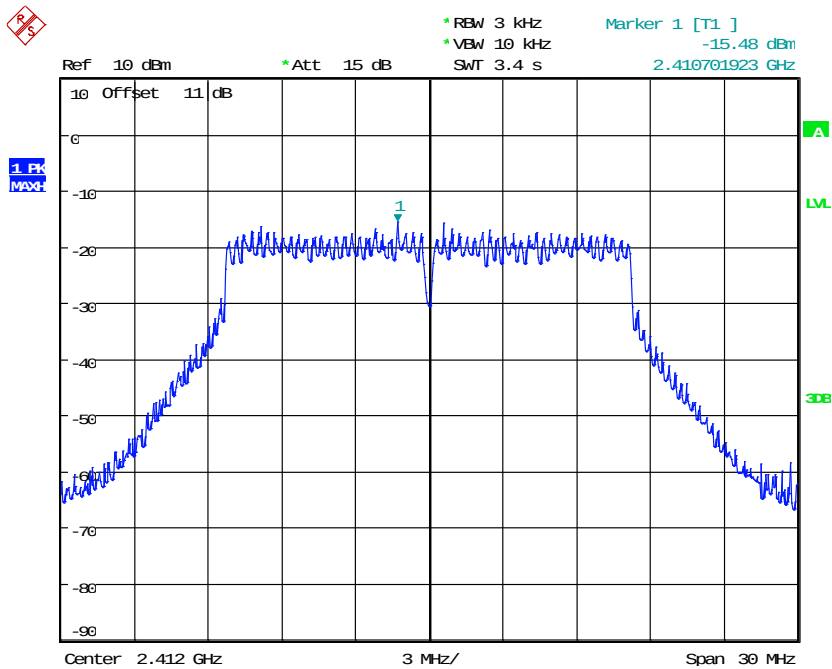
POWER DENSITY 802.11B CH11
Date: 20.NOV.2019 10:37:12



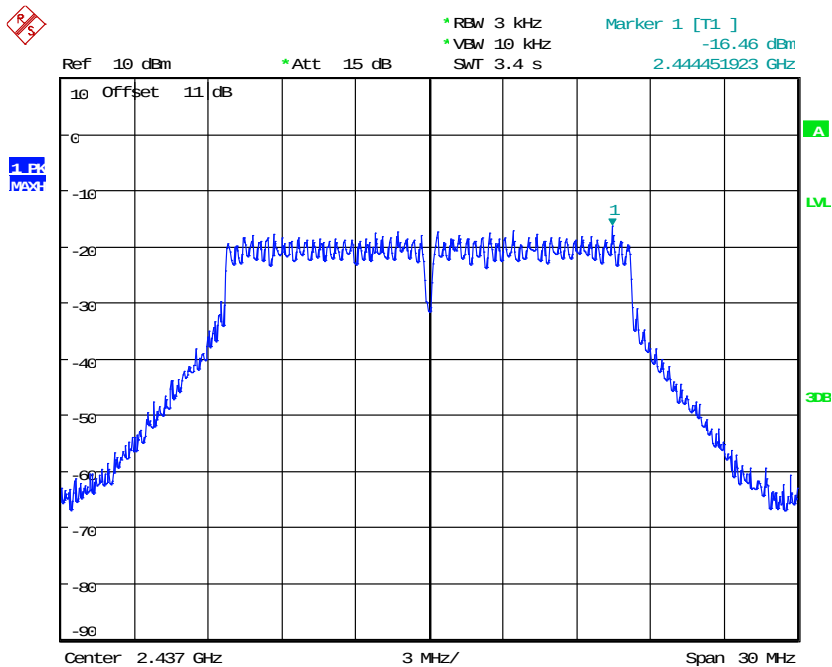
Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

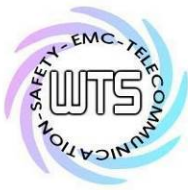
Mode B



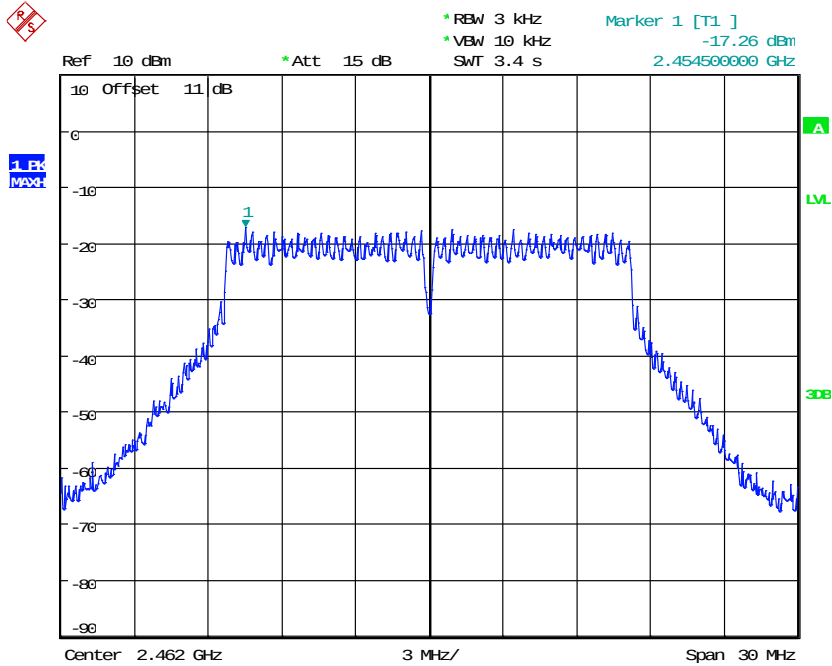
POWER DENSITY 802.11G CH01
Date: 20.NOV.2019 10:37:52



POWER DENSITY 802.11G CH06
Date: 20.NOV.2019 10:38:45

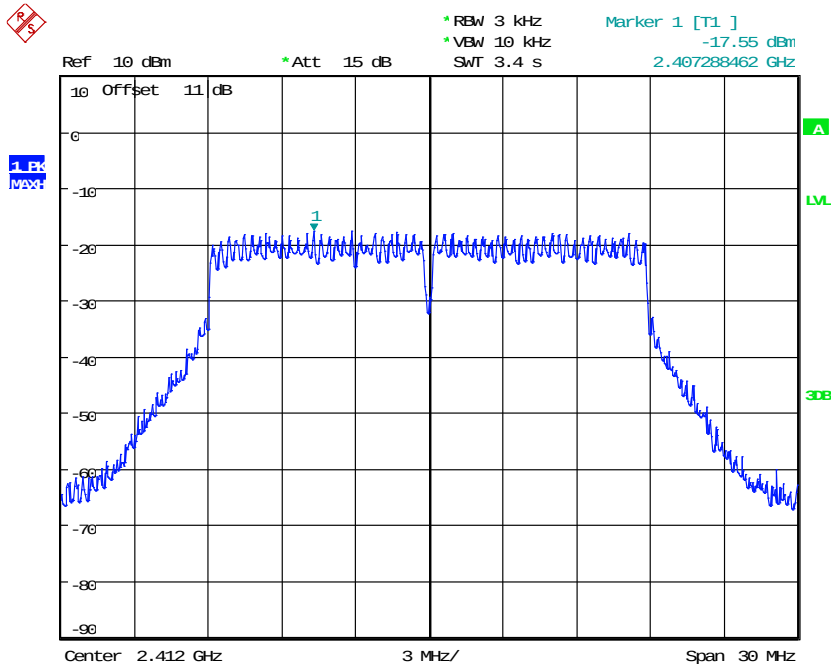


Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



POWER DENSITY 802.11G CH11
Date: 20.NOV.2019 10:39:30

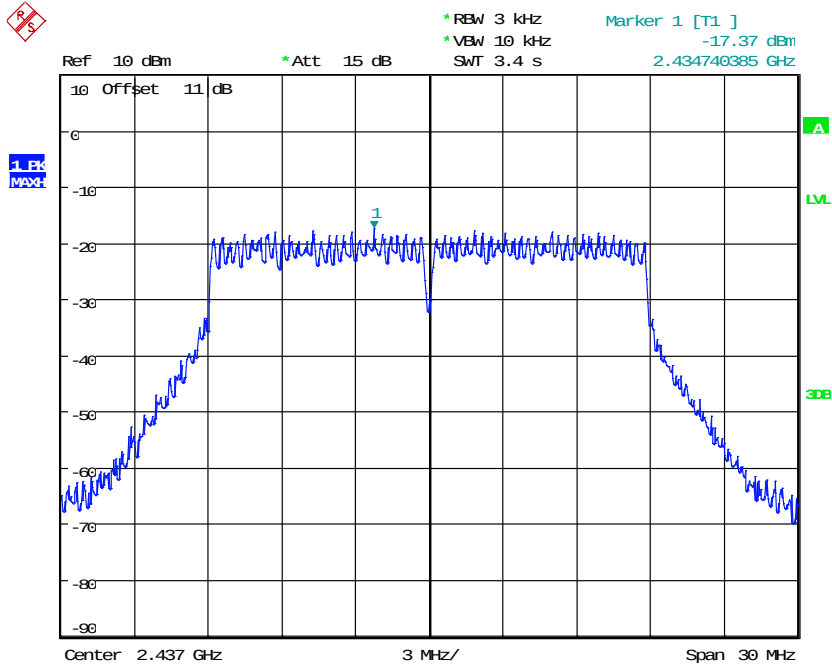
Mode C



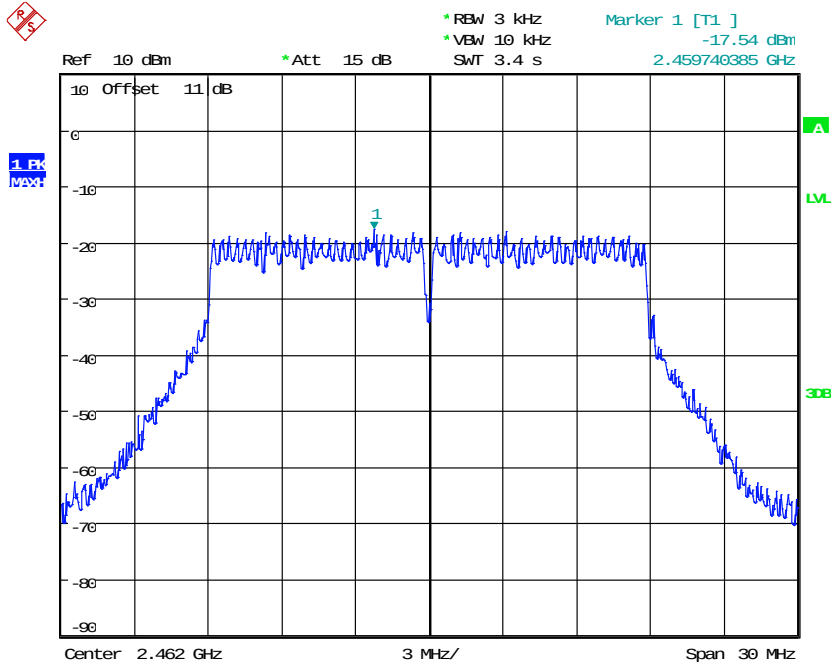
POWER DENSITY 802.11N 20MHZ CH1
Date: 20.NOV.2019 10:43:28



Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



POWER DENSITY 802.11N 20MHZ CH6
Date: 20.NOV.2019 10:44:26



POWER DENSITY 802.11N 20MHZ CH11
Date: 20.NOV.2019 10:45:17

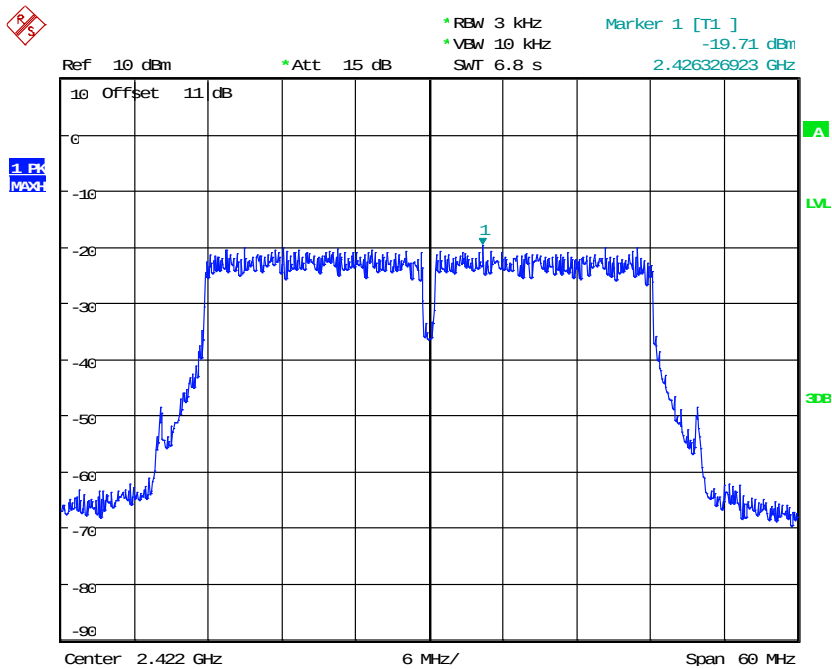


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1

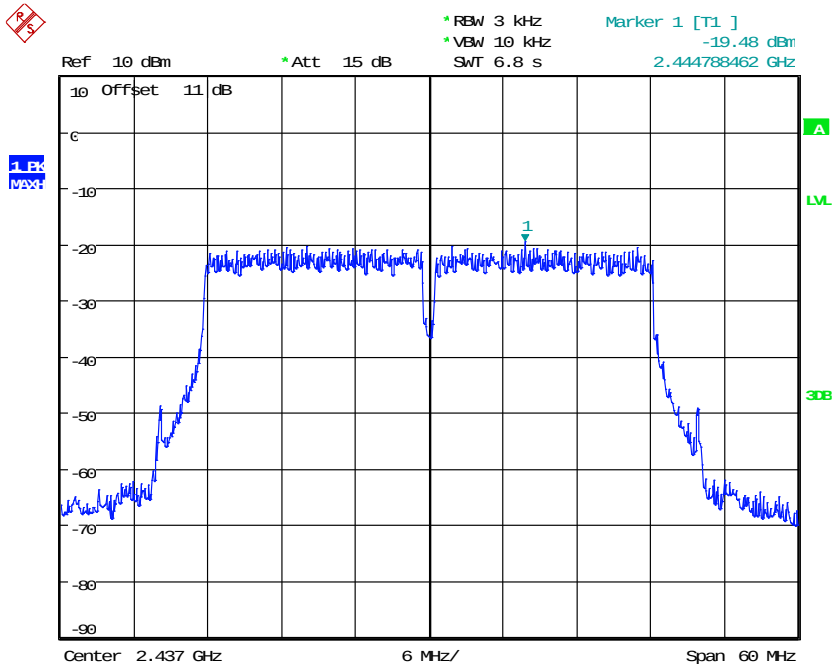
FCC ID: 2AUT8-ERHUB1019

Mode D



POWER DENSITY 802.11N 40MHZ CH1

Date: 20.NOV.2019 10:47:34

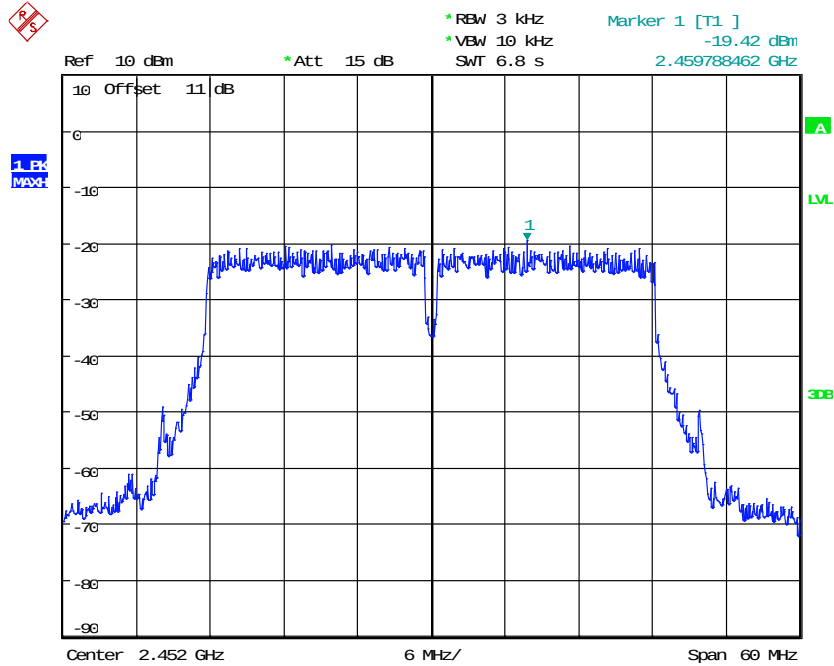


POWER DENSITY 802.11N 40MHZ CH4

Date: 20.NOV.2019 10:48:33

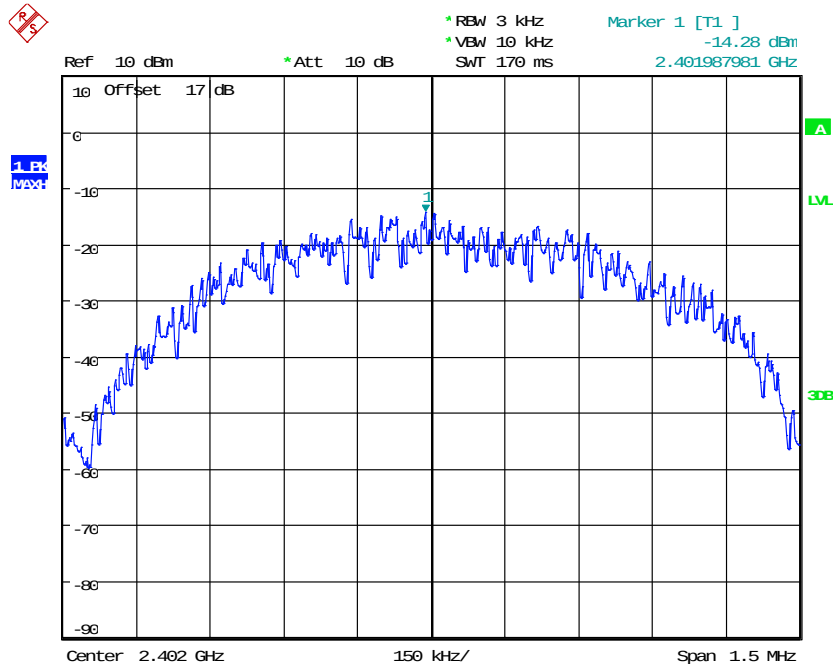


Registration number: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019



POWER DENSITY 802.11N 40MHZ CH7
Date: 20.NOV.2019 10:49:40

Mode E

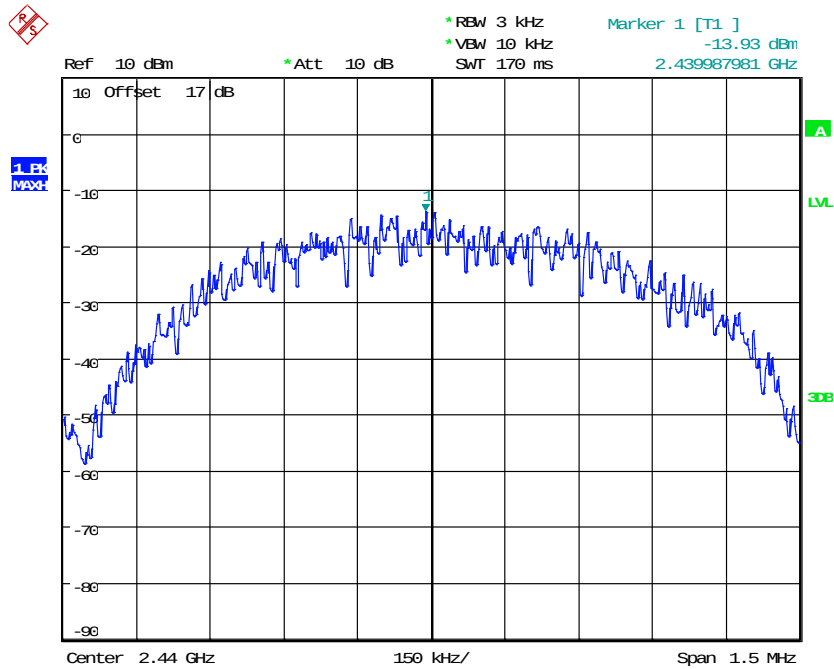


POWER DENSITY BT4.0 CH00
Date: 20.NOV.2019 09:49:33

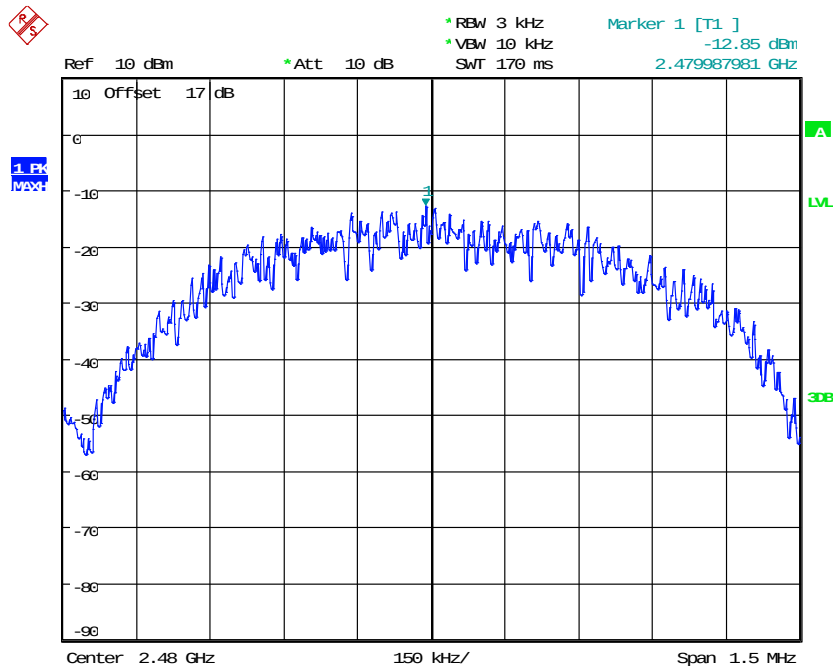


Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019



POWER DENSITY BT4.0 CH19
Date: 20.NOV.2019 09:50:25



POWER DENSITY BT4.0 CH39
Date: 20.NOV.2019 09:51:25



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

Limits:

Frequency Range MHz	dBm
902-928	8
2400-2483.5	8
5725-5850	8

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



Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

3.9 Radiated Emission from Receiver Part

FCC Rule: 15.109

Model: ERHUB1019

Date: --

Mode: --

Temperature: -- °C Engineer: --

Polarization: --

Humidity: -- --

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

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

Note

1. Correction Factor = Antenna factor + Cable loss - Preamplifier
2. The formula of measured value as: Test Result = Reading + Correction Factor
3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
4. All not in the table noted test results are more than 20 dB below the relevant limits.
5. Please see test report no.: W6M21910-19433-P-15B.

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

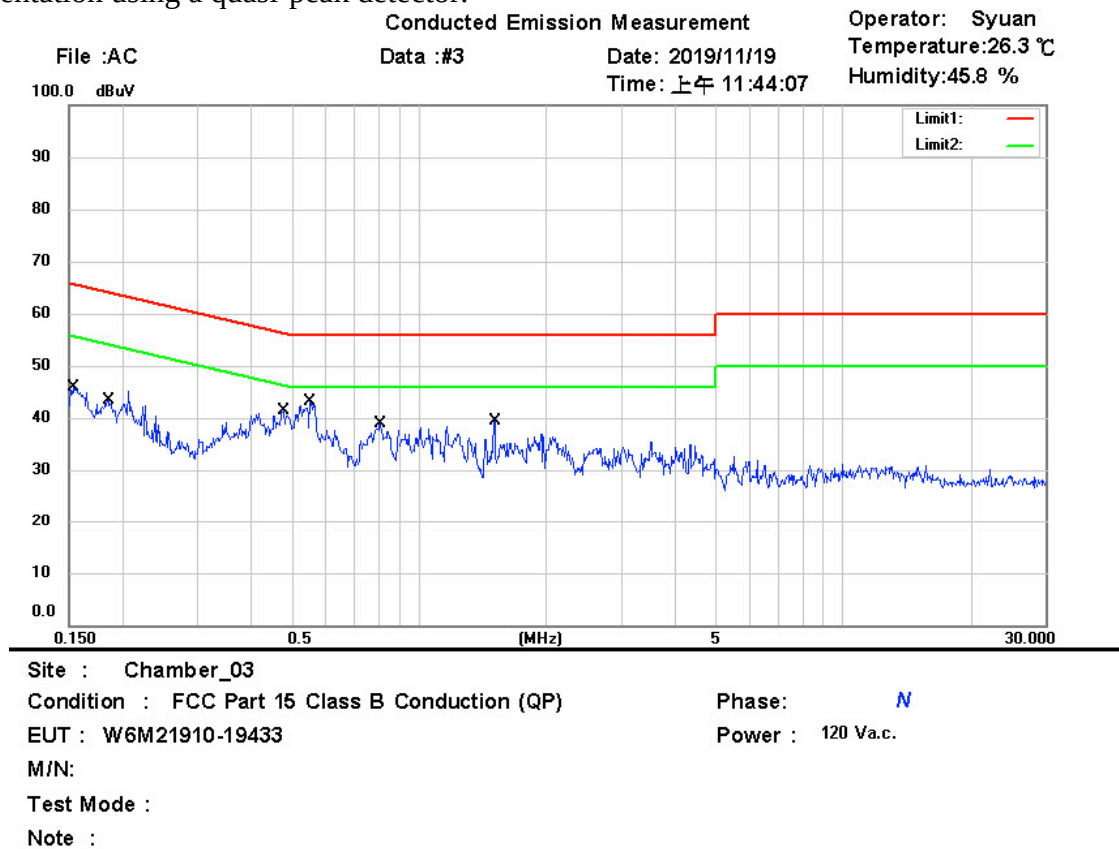
Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

3.10 Power Line Conducted Emission

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

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



Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1528	27.76	QP	9.75	37.51	65.85	-28.34	
	0.1528	22.77	AVG	9.75	32.52	55.85	-23.33	
	0.1845	26.71	QP	9.74	36.45	64.28	-27.83	
	0.1845	23.12	AVG	9.74	32.86	54.28	-21.42	
	0.4778	22.16	QP	9.68	31.84	56.38	-24.54	
	0.4778	15.34	AVG	9.68	25.02	46.38	-21.36	
	0.5517	29.56	QP	9.67	39.23	56.00	-16.77	
*	0.5517	20.86	AVG	9.67	30.53	46.00	-15.47	
	0.8060	20.76	QP	9.65	30.41	56.00	-25.59	
	0.8060	13.14	AVG	9.65	22.79	46.00	-23.21	
	1.5035	19.12	QP	9.58	28.70	56.00	-27.30	
	1.5035	10.45	AVG	9.58	20.03	46.00	-25.97	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

Conducted Emission Measurement

Operator: Syuan

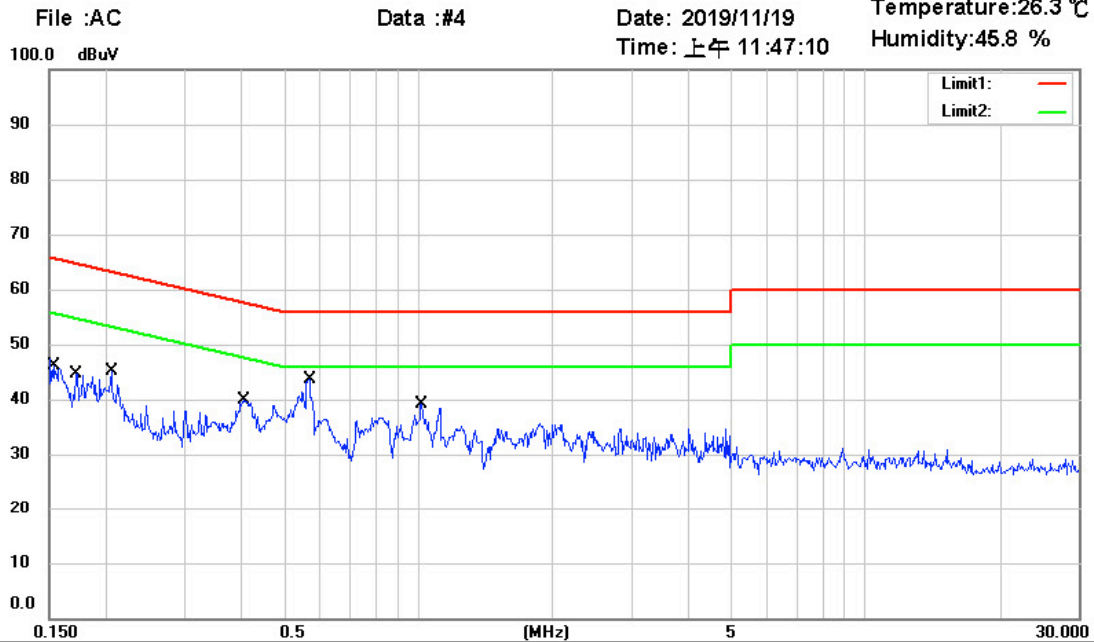
Data :#4

Date: 2019/11/19

Temperature:26.3 °C

Time: 上午 11:47:10

Humidity:45.8 %



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M21910-19433

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
	0.1528	27.56	QP	9.77	37.33	65.85	-28.52	
	0.1528	21.79	AVG	9.77	31.56	55.85	-24.29	
	0.1722	22.96	QP	9.76	32.72	64.85	-32.13	
	0.1722	12.11	AVG	9.76	21.87	54.85	-32.98	
	0.2058	25.08	QP	9.75	34.83	63.37	-28.54	
	0.2058	19.24	AVG	9.75	28.99	53.37	-24.38	
	0.4057	22.69	QP	9.71	32.40	57.74	-25.34	
	0.4057	15.20	AVG	9.71	24.91	47.74	-22.83	
	0.5675	23.46	QP	9.69	33.15	56.00	-22.85	
*	0.5675	16.77	AVG	9.69	26.46	46.00	-19.54	
	1.0175	20.31	QP	9.65	29.96	56.00	-26.04	
	1.0175	11.43	AVG	9.65	21.08	46.00	-24.92	

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.



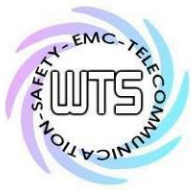
Registration number: W6M21910-19433-C-1

FCC ID: 2AUT8-ERHUB1019

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: W6M21910-19433-C-1
FCC ID: 2AUT8-ERHUB1019

Appendix

Measurement diagrams

Spurious Emissions radiated



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: Vincent

File :3

Data :#1

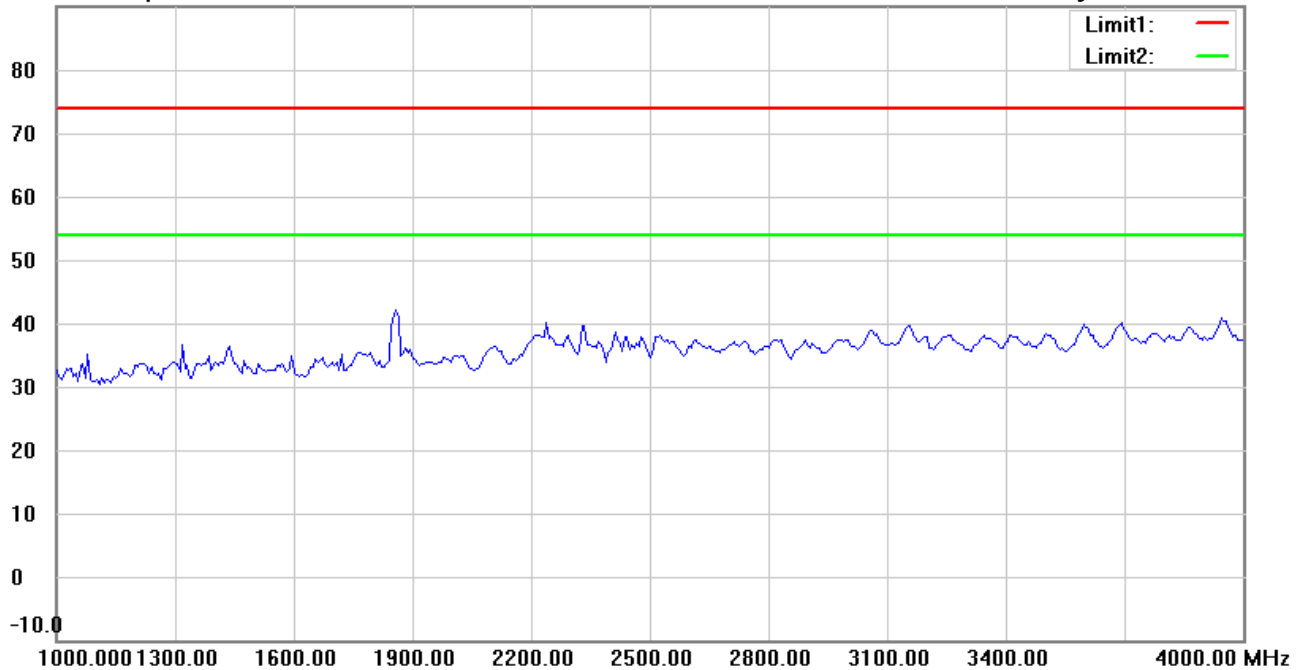
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 9:51:41 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21910-19433

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------



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: Vincent

File :3

Data :#6

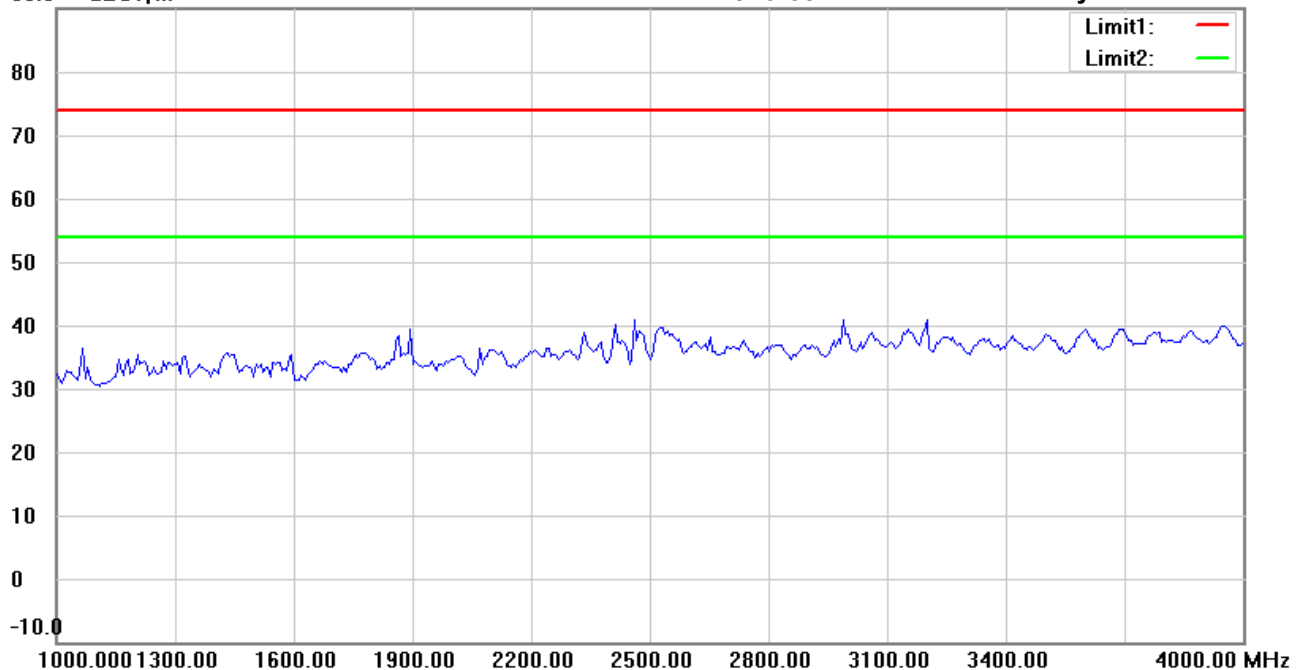
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 9:55:11 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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

*: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: Vincent

File : 3

Data : #2

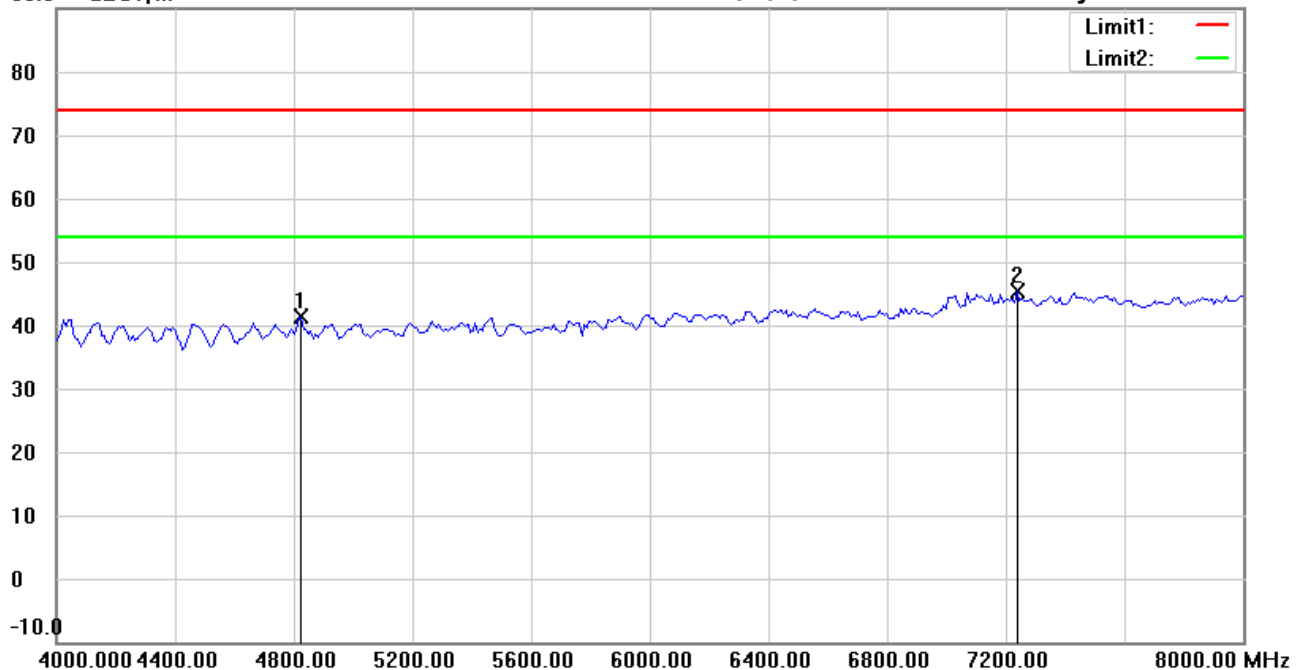
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 9:52:41 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 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
	4824.000	43.15	peak	-1.88	41.27	74.00	150	90	-32.73	
*	7236.000	41.99	peak	3.28	45.27	74.00	150	305	-28.73	

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



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

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

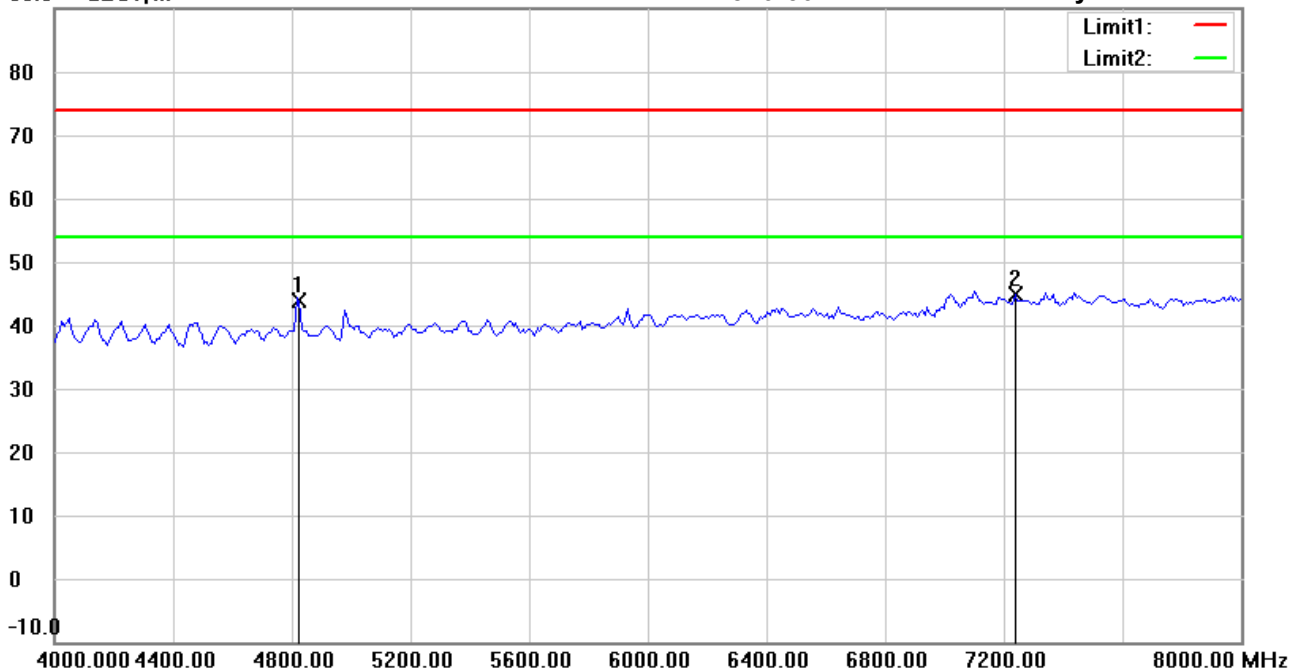
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 9:56:12 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	45.65	peak	-1.88	43.77	74.00	150	215	-30.23	
*	7236.000	41.53	peak	3.28	44.81	74.00	150	230	-29.19	

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



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

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

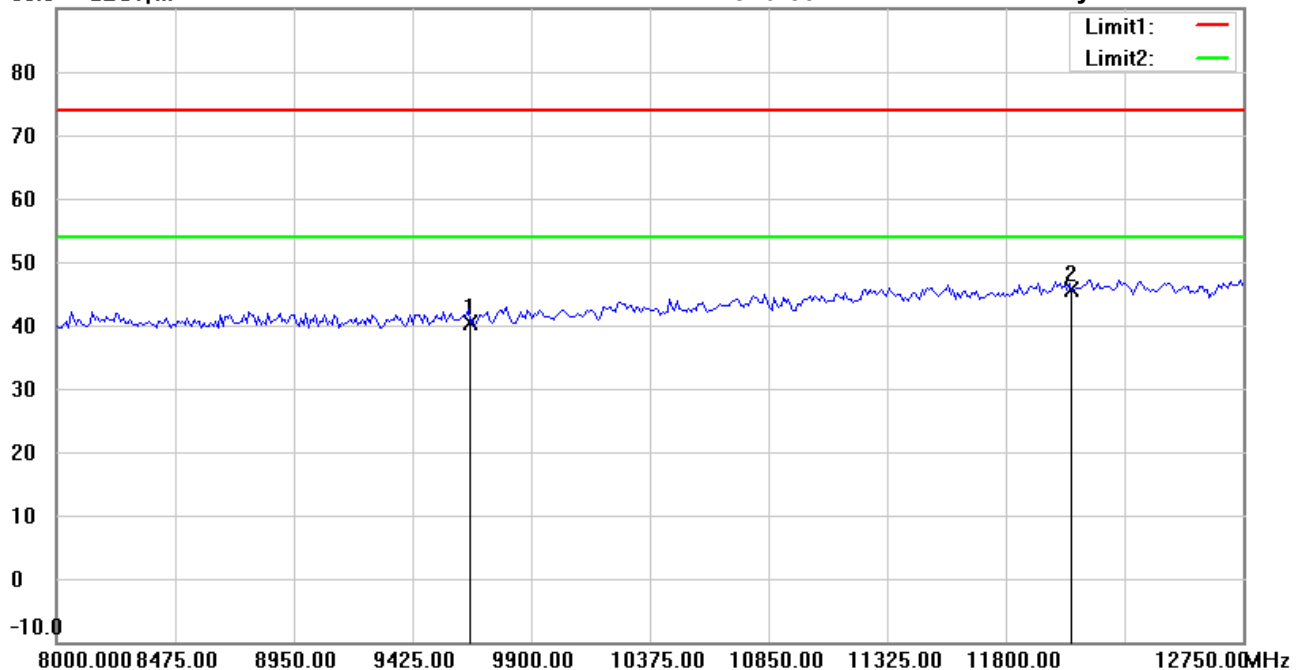
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 9:53:47 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 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
	9648.000	33.70	peak	6.60	40.30	74.00	150	40	-33.70	
*	12060.000	33.54	peak	12.21	45.75	74.00	150	110	-28.25	

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



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

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

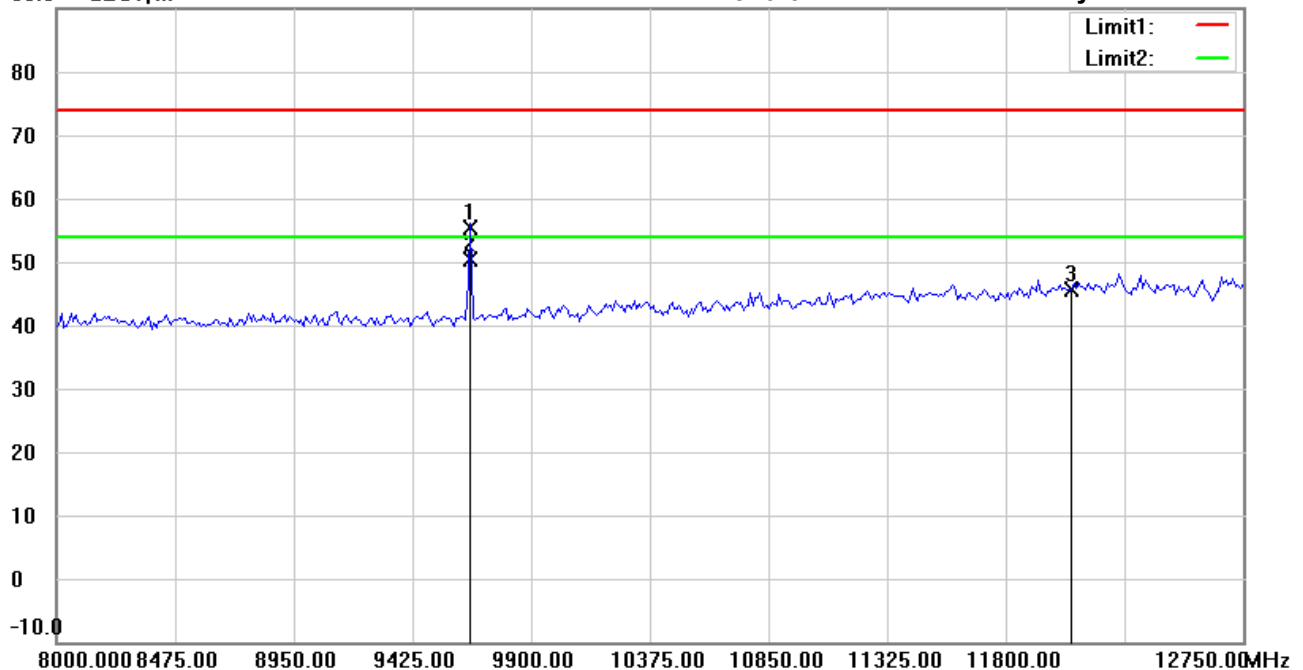
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 9:57:11 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9647.976	48.86	peak	6.60	55.46	74.00	150	150	-18.54	
*	9647.976	43.77	AVG	6.60	50.37	54.00	150	150	-3.63	
	12060.000	33.43	peak	12.21	45.64	74.00	150	230	-28.36	

*: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: Vincent

File :3

Data :#4

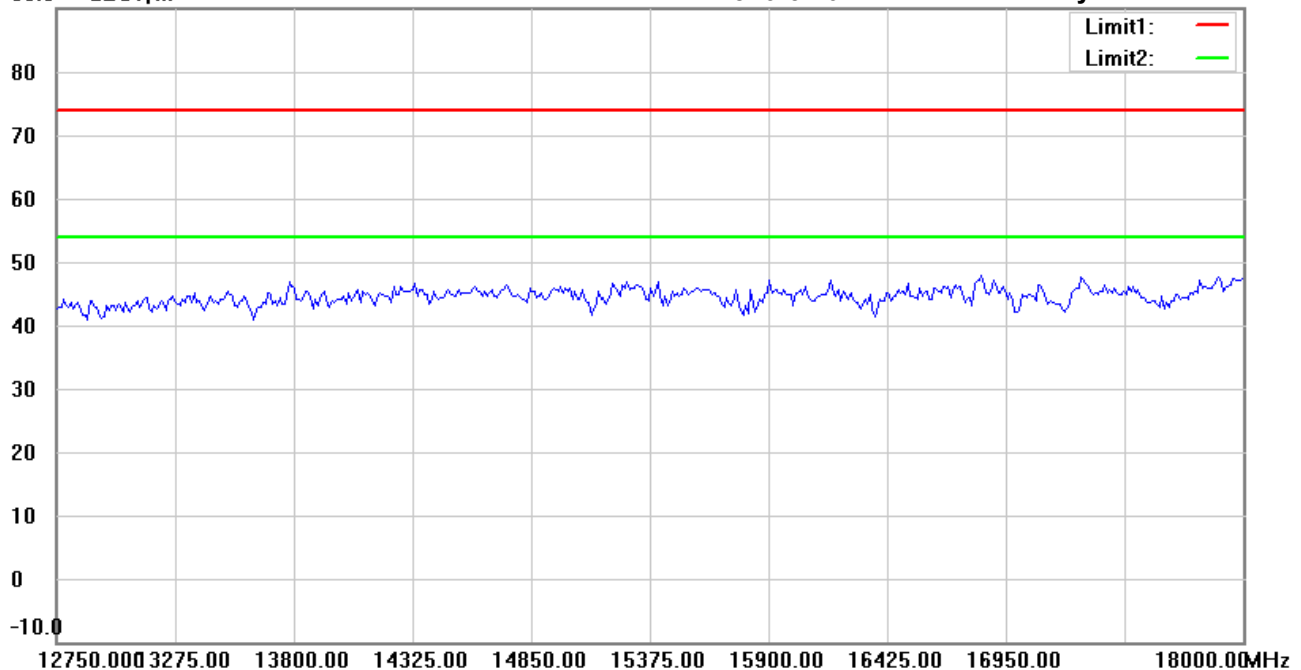
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 9:54:01 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 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: Vincent

File :3

Data :#9

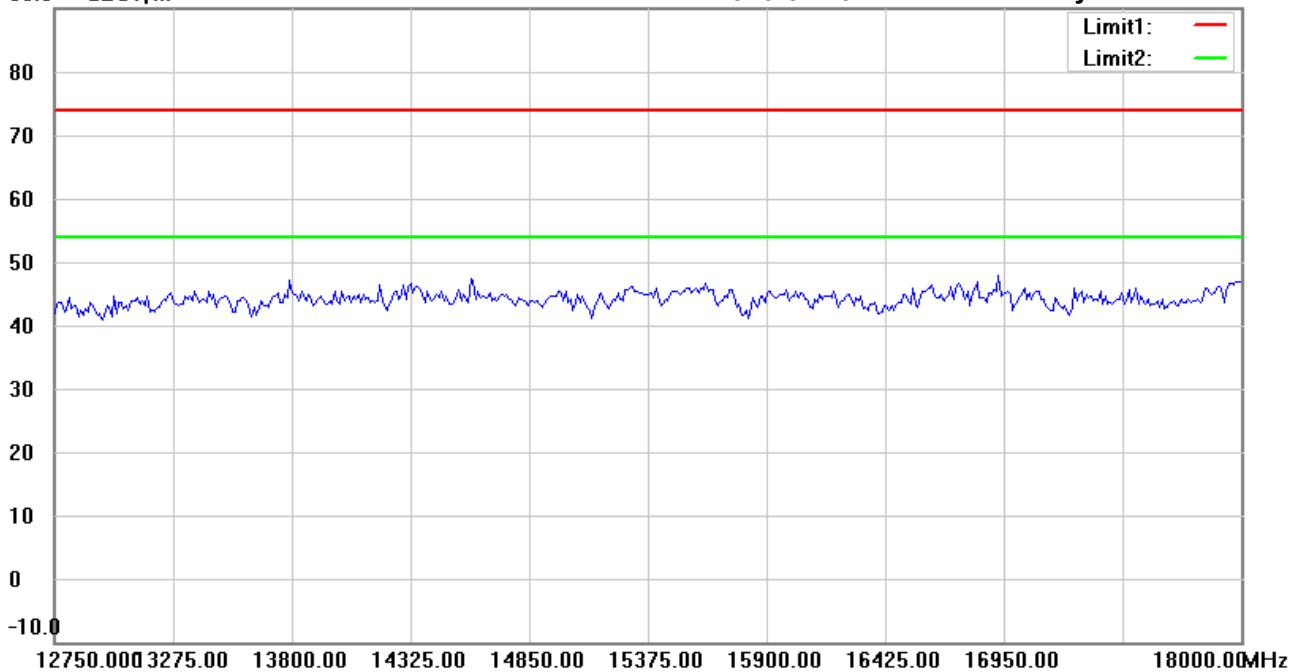
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 9:57:25 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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

*: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: Vincent

File :3

Data :#5

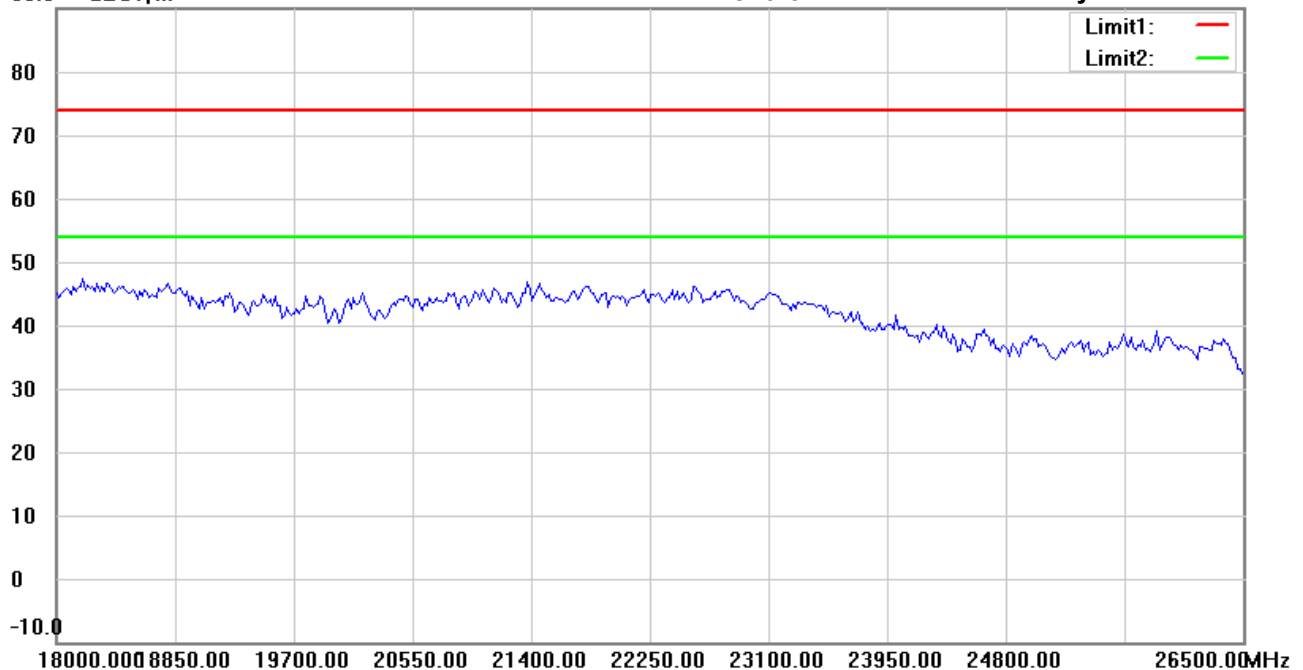
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 9:54:11 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 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



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: Vincent

File :3

Data :#10

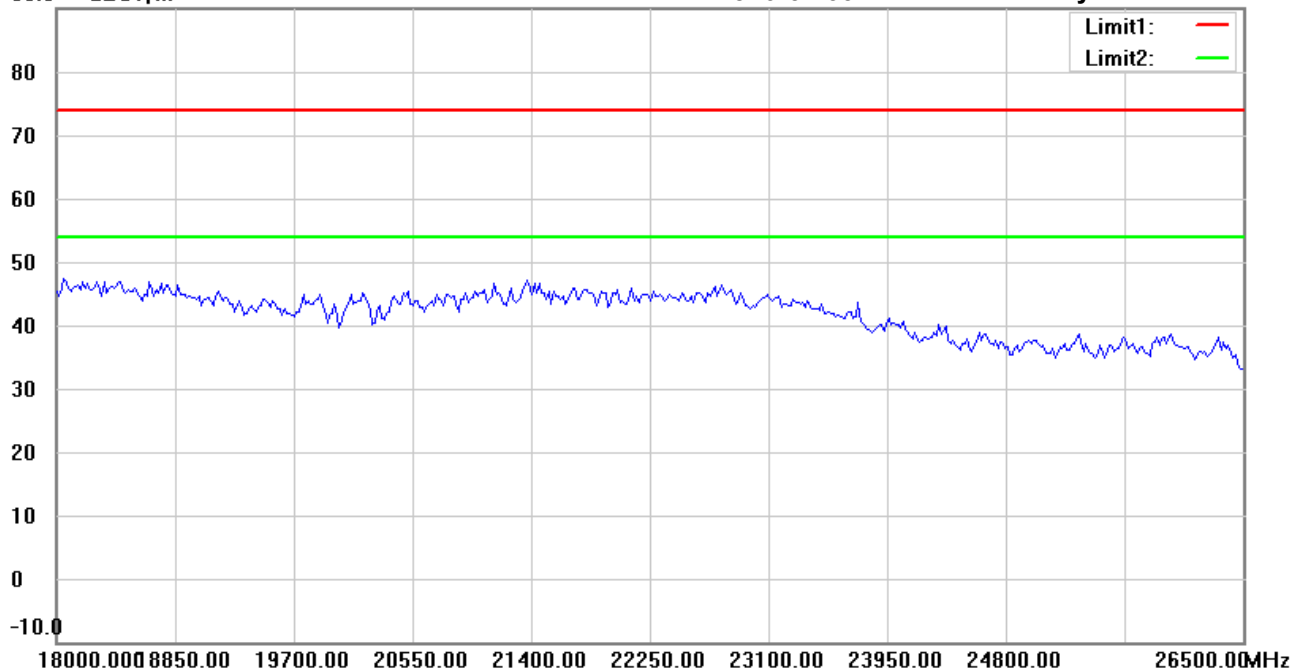
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 9:57:35 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

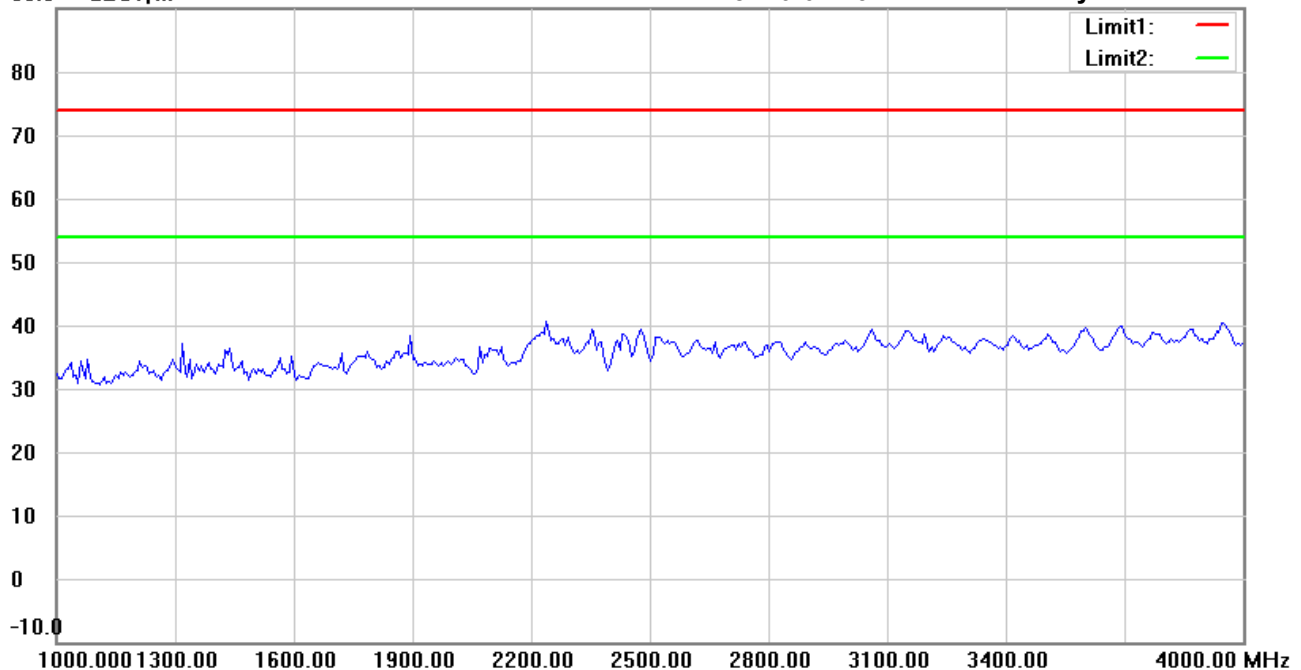
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:07:43 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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



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

Operator: Vincent

File :3

Data :#6

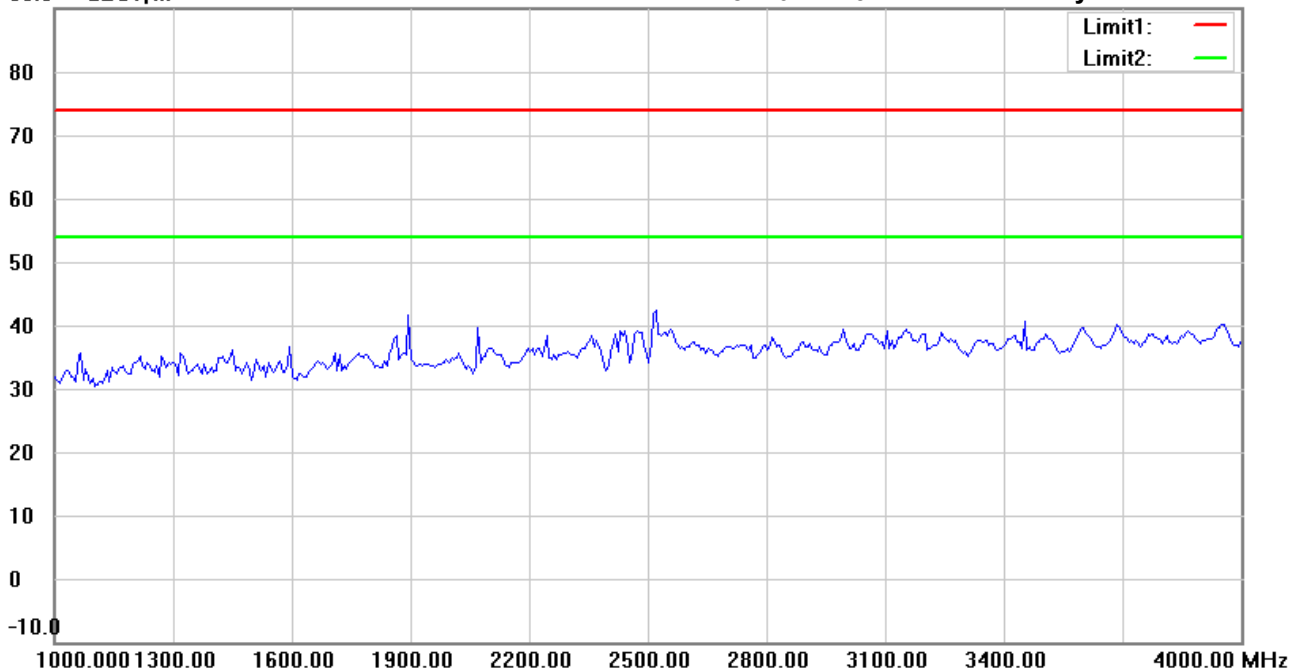
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 10:11:13 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

File : 3

Data : #2

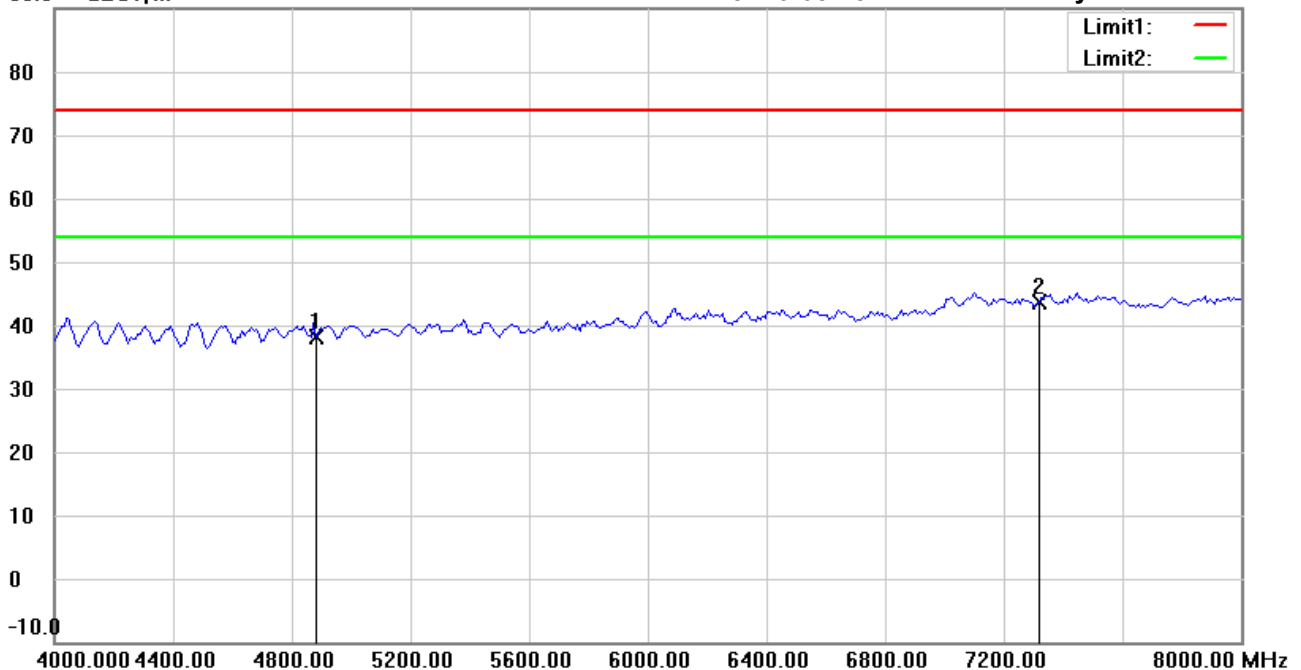
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:08:43 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	39.93	peak	-1.70	38.23	74.00	150	40	-35.77	
*	7311.000	40.23	peak	3.42	43.65	74.00	150	220	-30.35	

*: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: Vincent

File :3

Data :#7

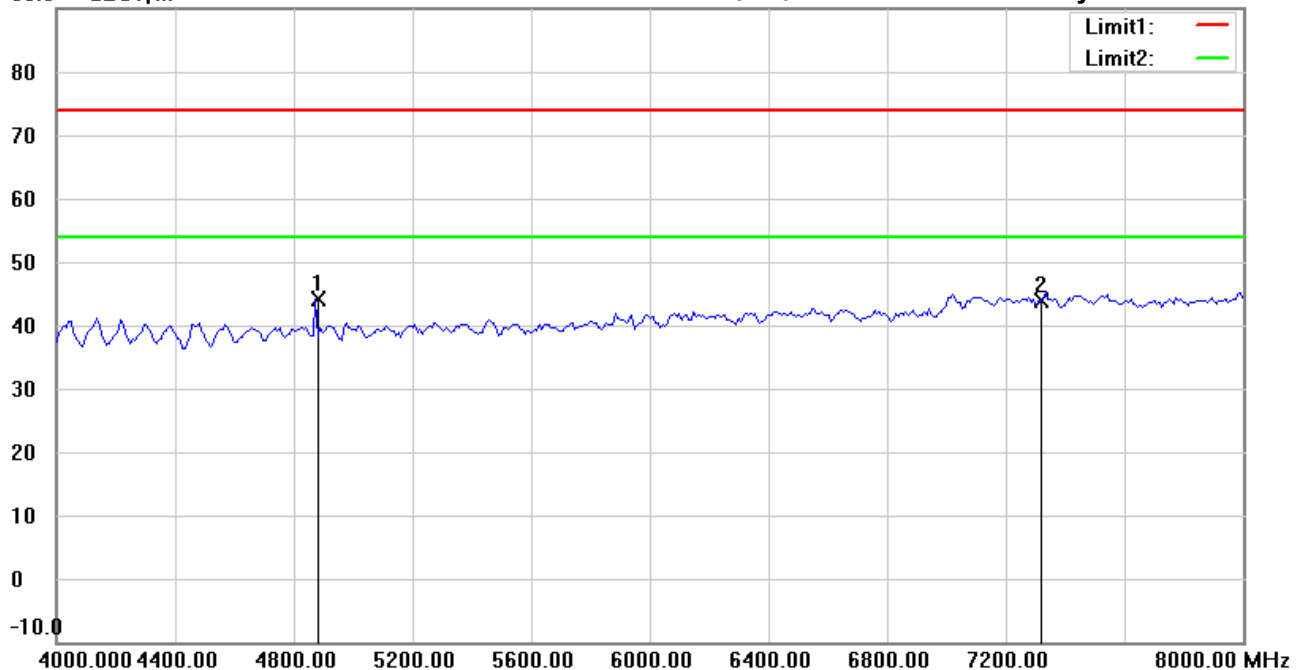
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:12:14 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4873.748	45.87	peak	-1.70	44.17	74.00	150	120	-29.83	
	7311.000	40.58	peak	3.42	44.00	74.00	150	250	-30.00	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

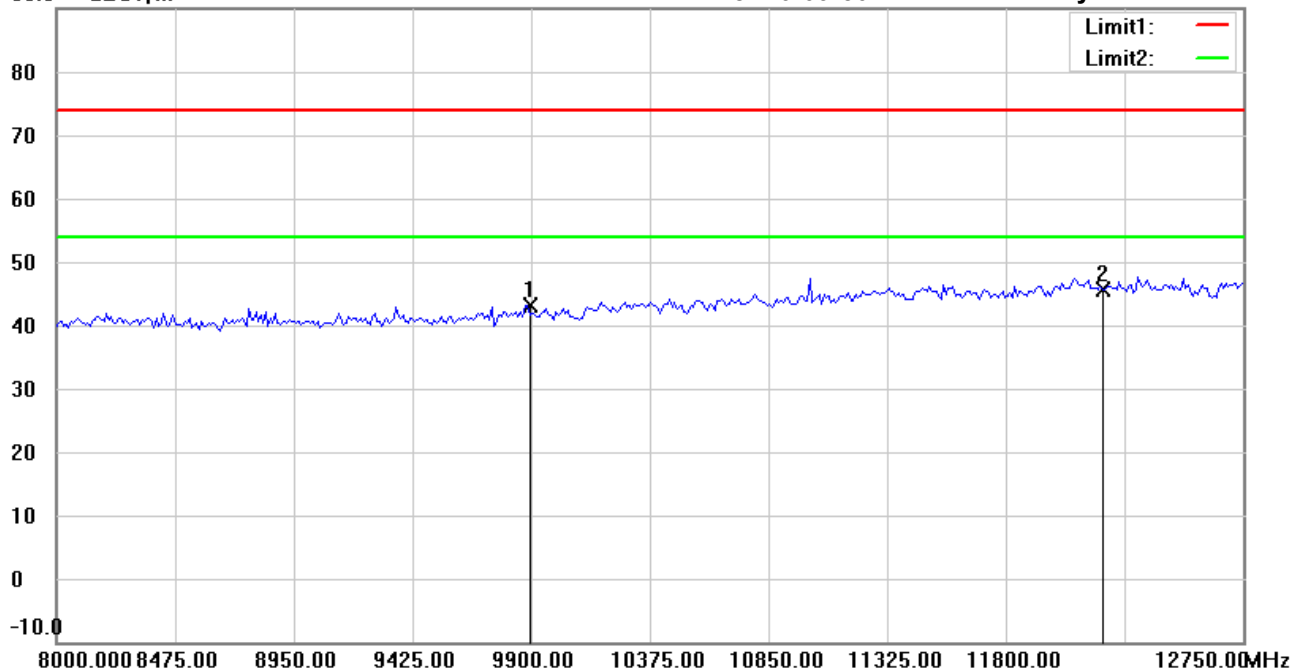
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:09:50 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9884.770	36.16	peak	7.07	43.23	74.00	150	305	-30.77	
*	12185.000	32.69	peak	12.83	45.52	74.00	150	125	-28.48	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

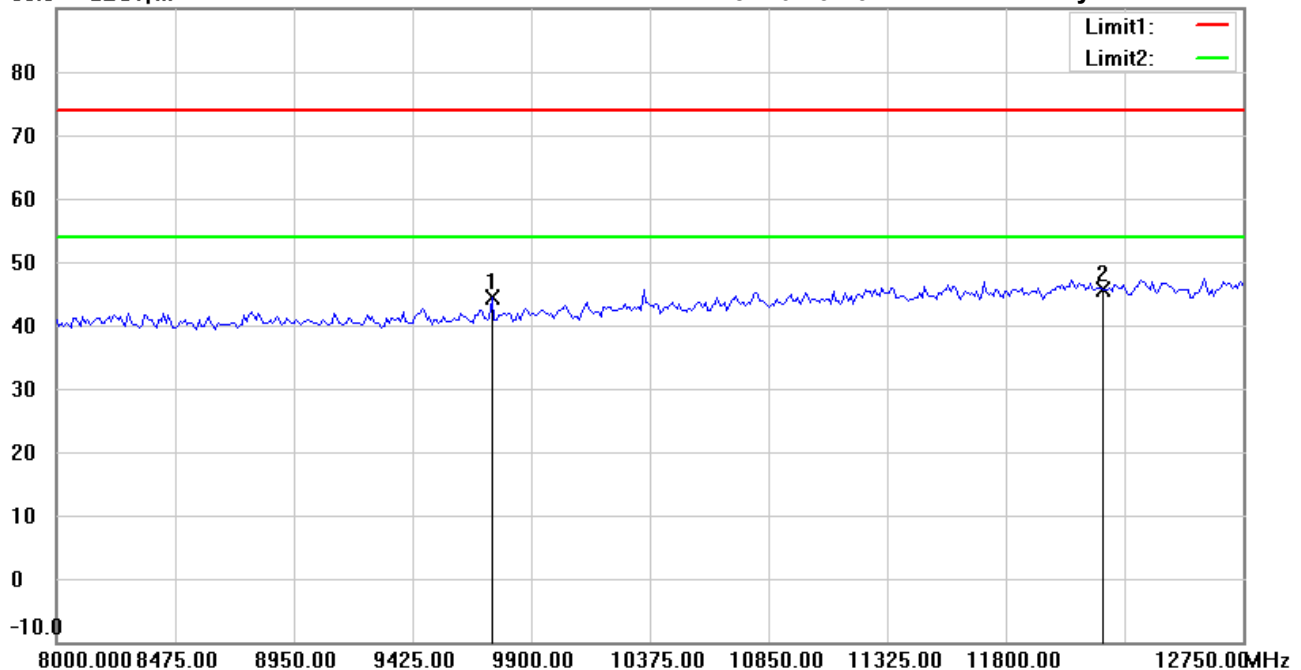
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:13:13 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH6

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9741.984	37.64	peak	6.74	44.38	74.00	150	120	-29.62	
*	12185.000	32.89	peak	12.83	45.72	74.00	150	250	-28.28	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

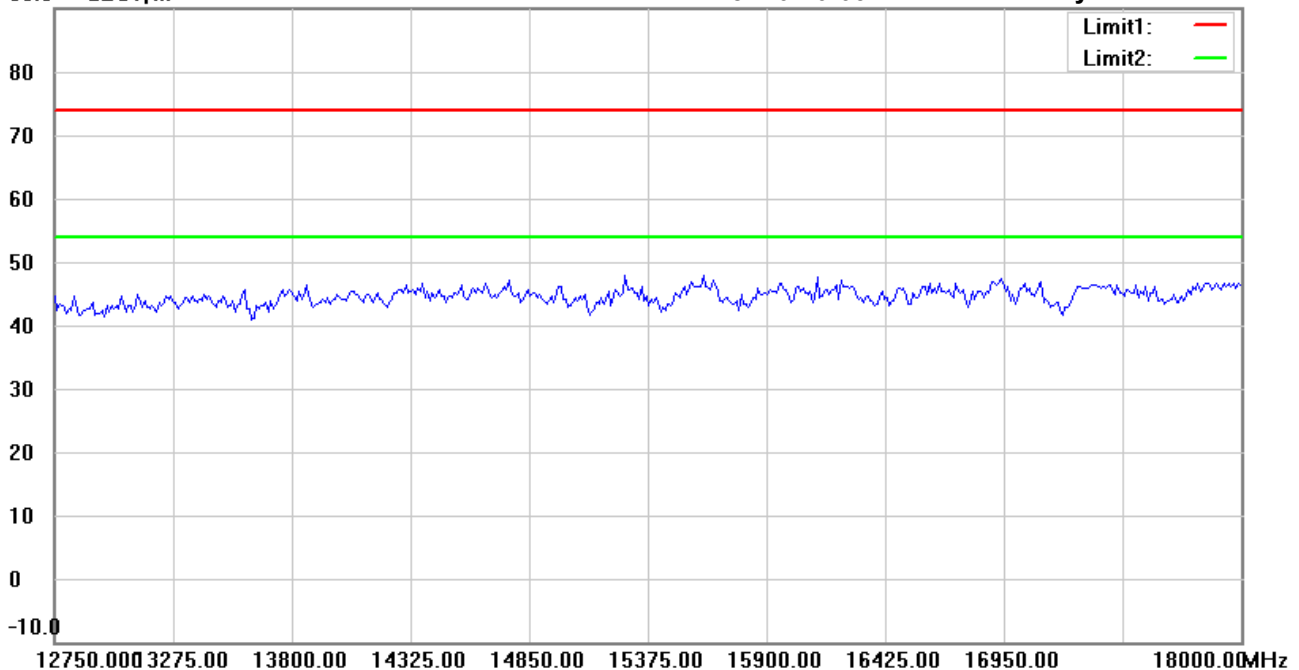
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:10:03 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

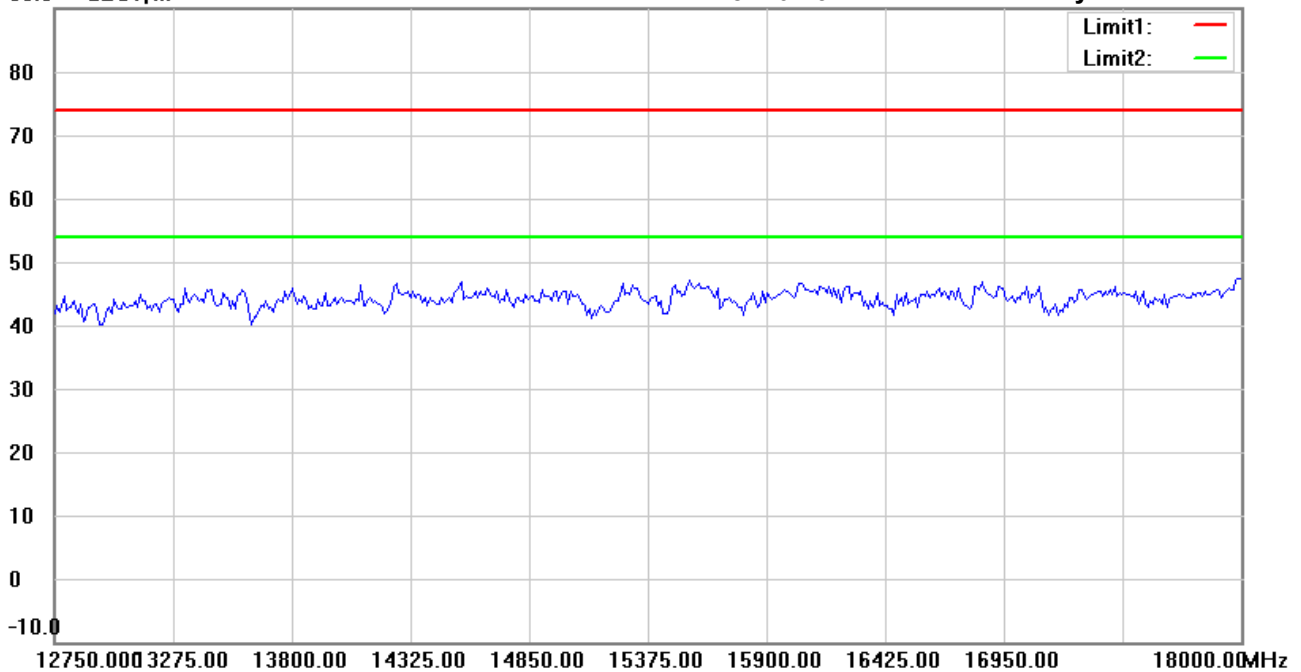
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:13:27 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

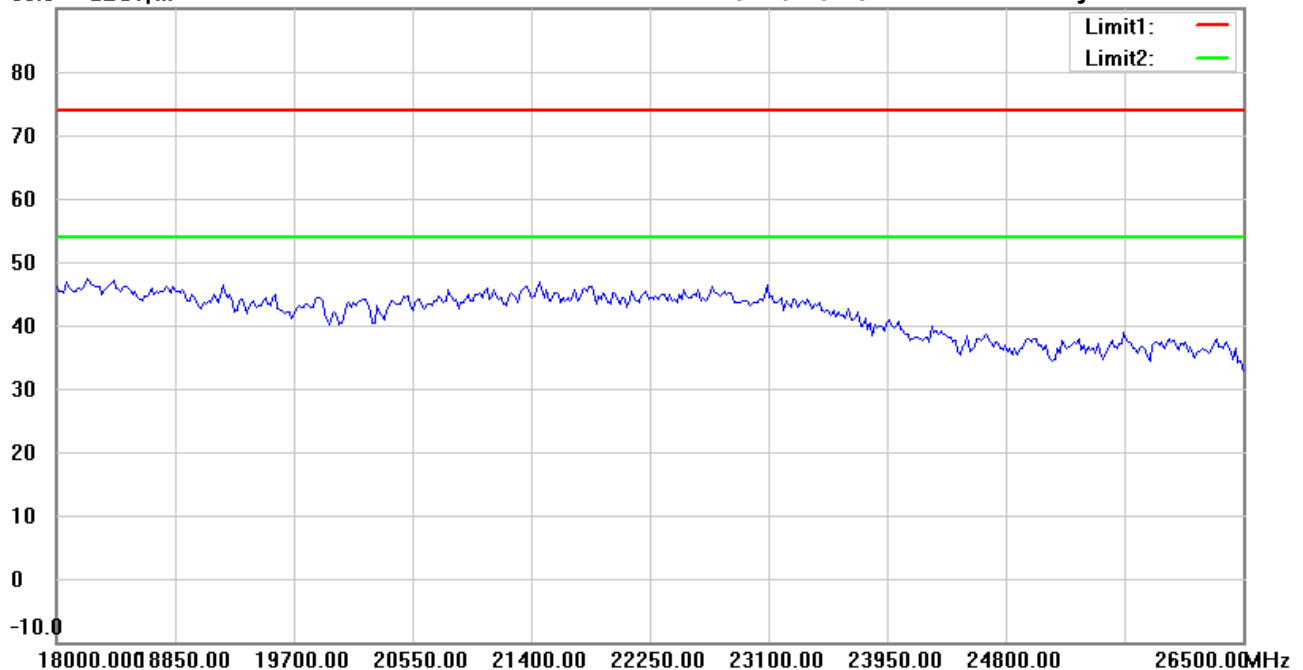
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:10:13 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Vincent

File :3

Data :#10

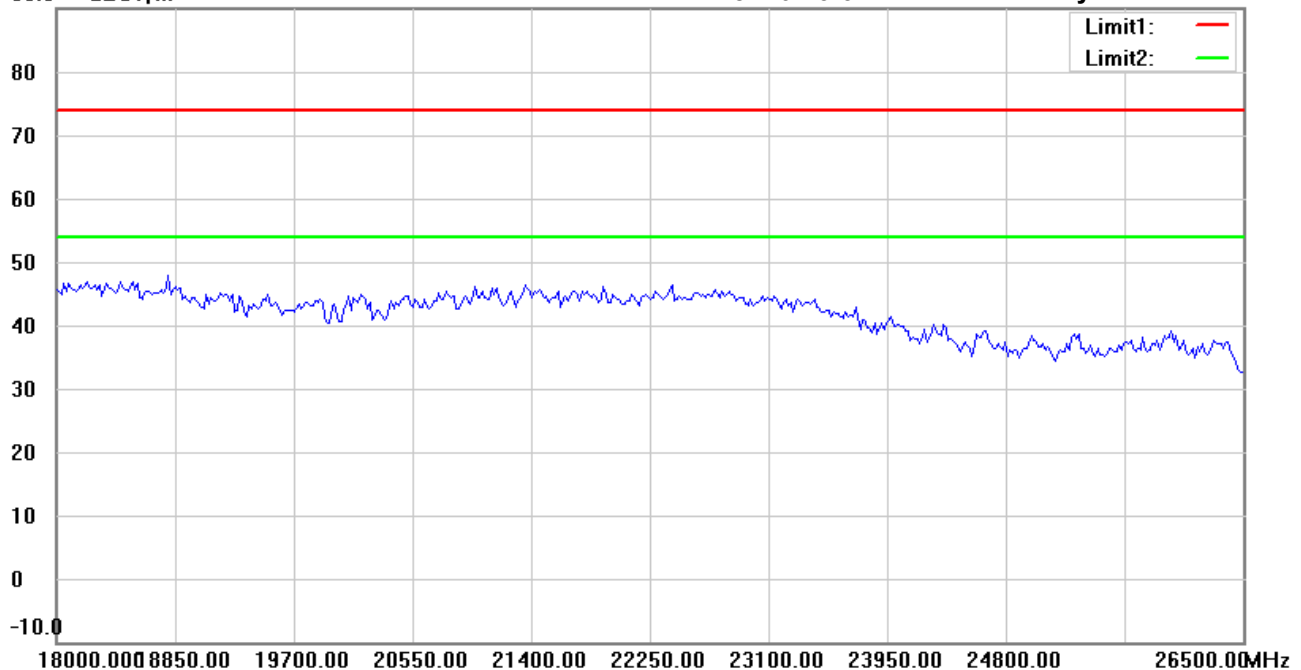
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:13:37 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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



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

Operator: Vincent

File : 3

Data : #1

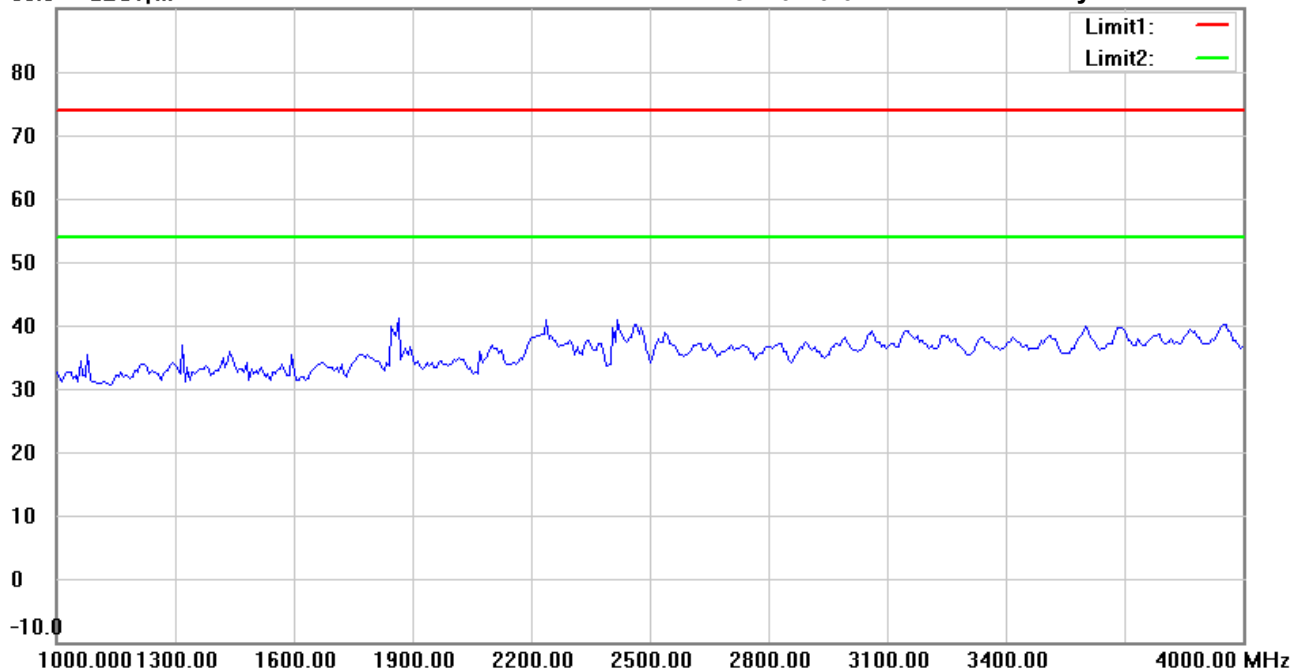
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:20:07 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

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

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



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

Operator: Vincent

File :3

Data :#6

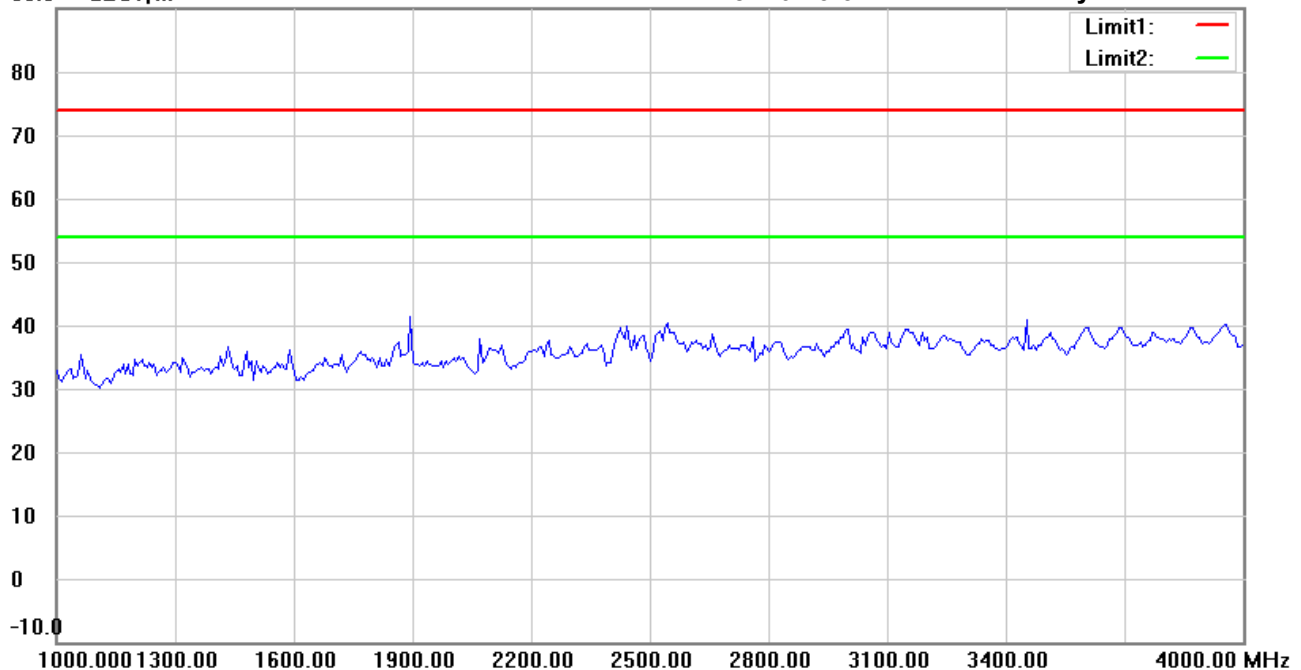
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 10:23:37 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#2

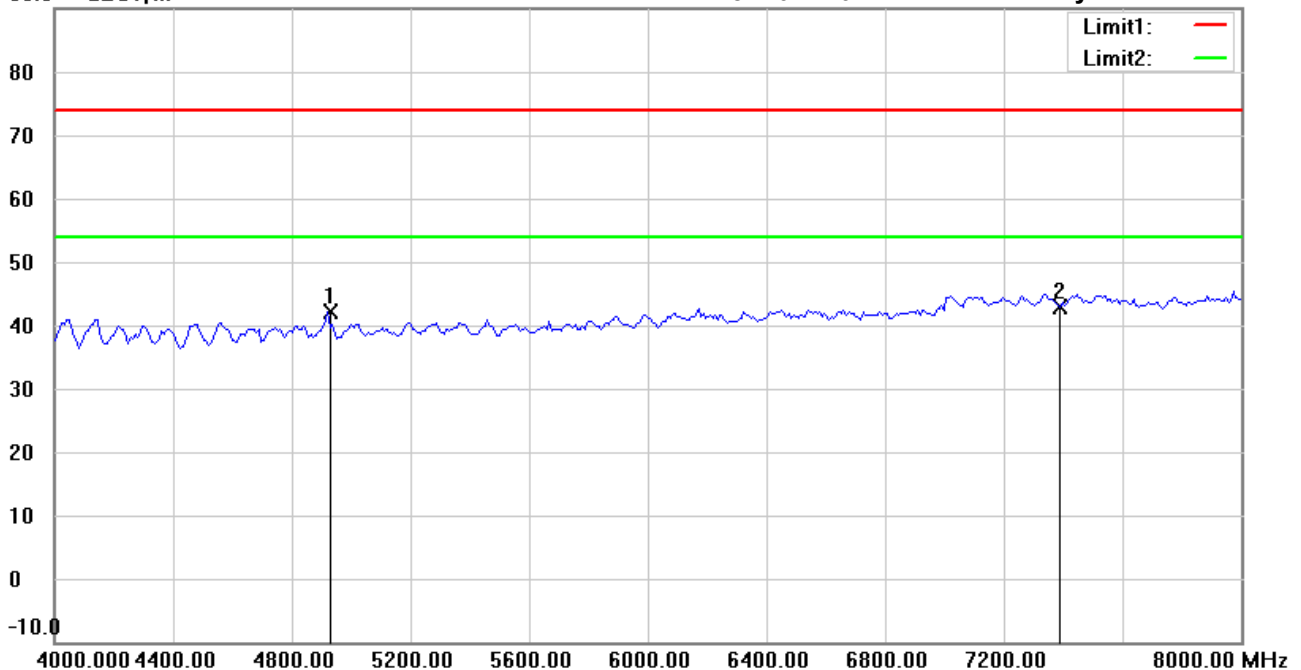
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:21:07 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4921.844	43.70	peak	-1.52	42.18	74.00	150	65	-31.82	
*	7386.000	39.25	peak	3.72	42.97	74.00	150	195	-31.03	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#7

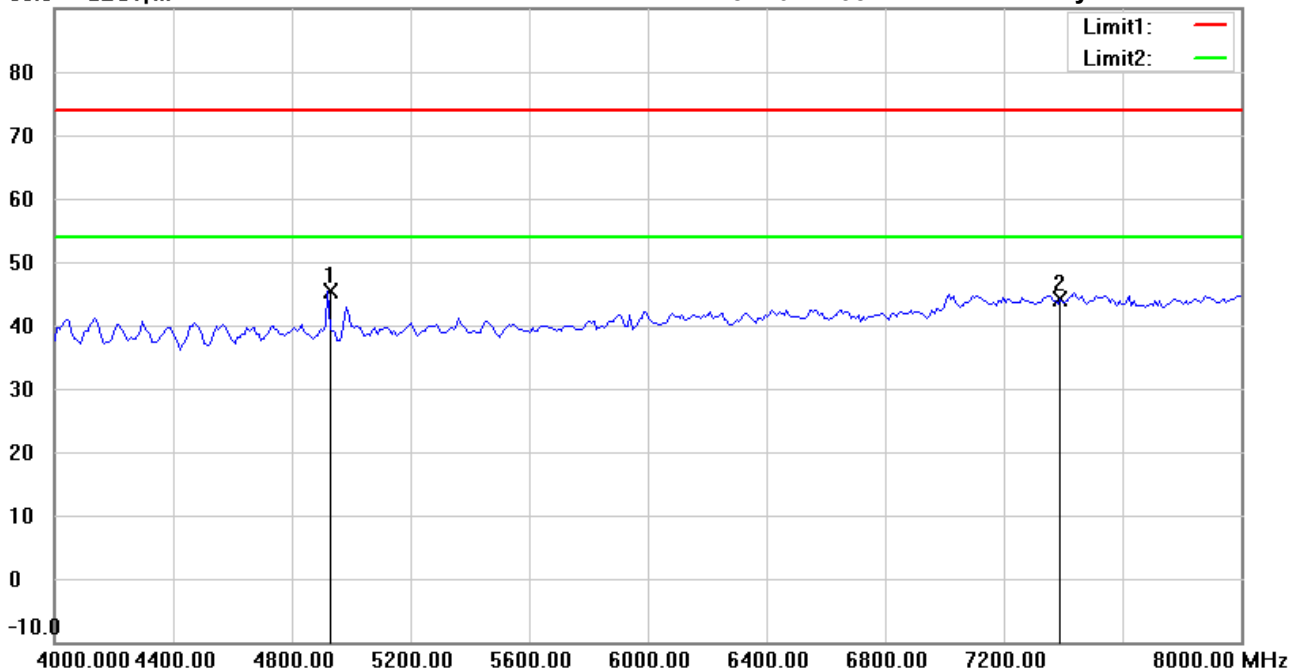
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:24:38 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4921.844	46.86	peak	-1.52	45.34	74.00	150	40	-28.66	
	7386.000	40.47	peak	3.72	44.19	74.00	150	195	-29.81	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

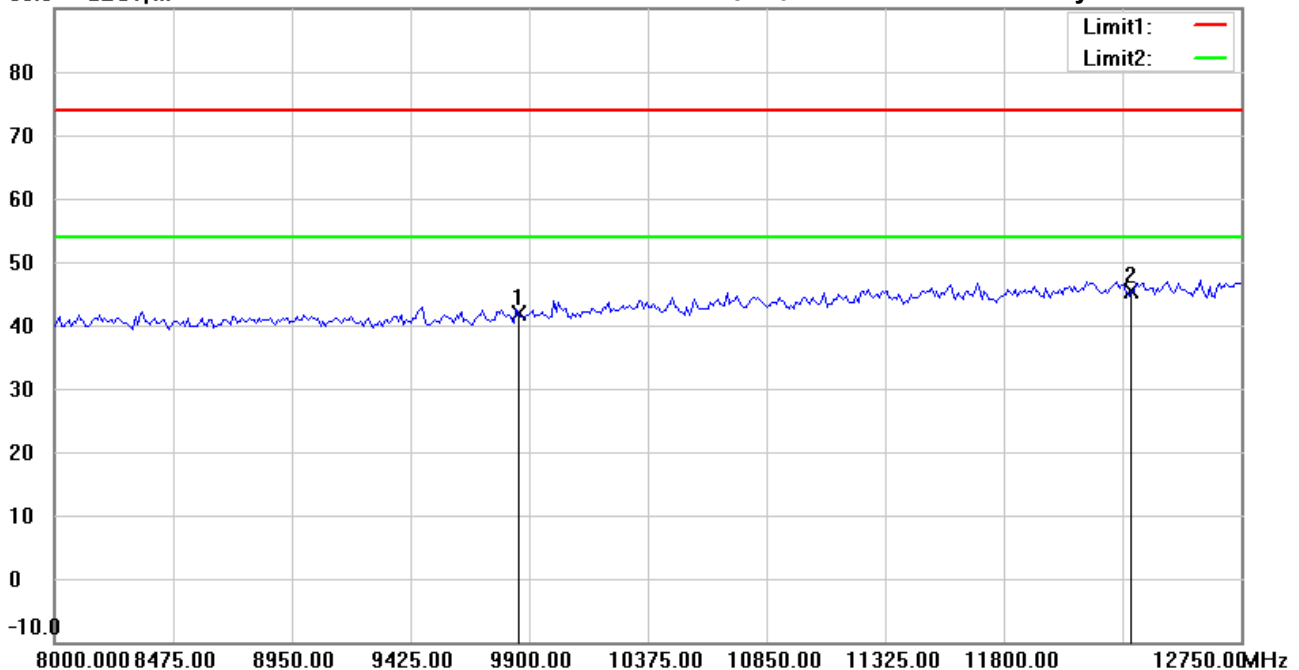
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:22:14 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	34.80	peak	6.96	41.76	74.00	150	125	-32.24	
*	12310.000	33.13	peak	12.18	45.31	74.00	150	240	-28.69	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

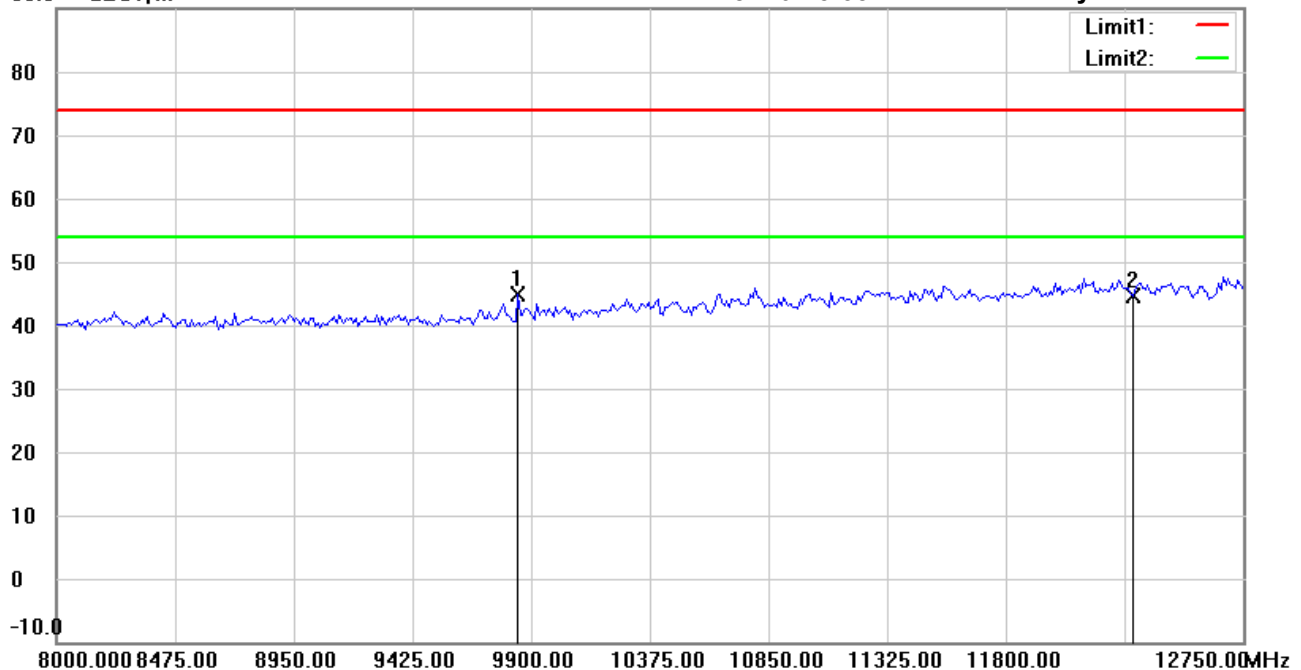
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:25:38 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	9846.693	38.00	peak	6.95	44.95	74.00	150	110	-29.05	
	12310.000	32.50	peak	12.18	44.68	74.00	150	250	-29.32	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

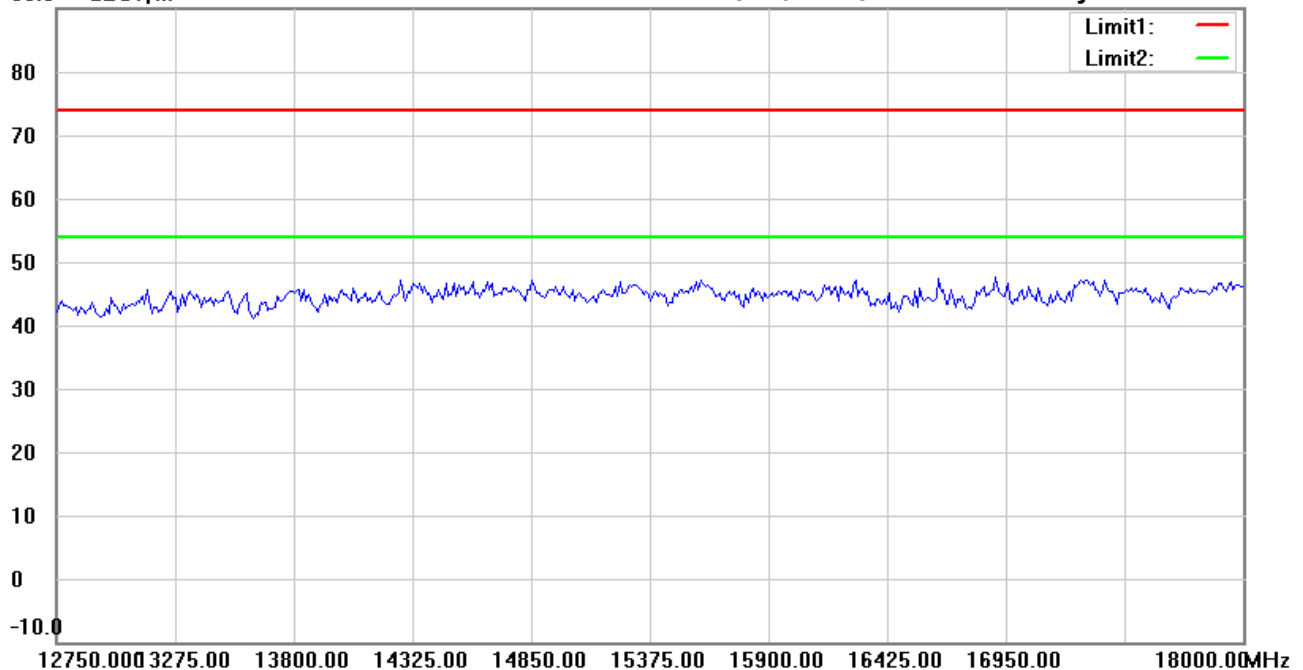
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 10:22:28 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

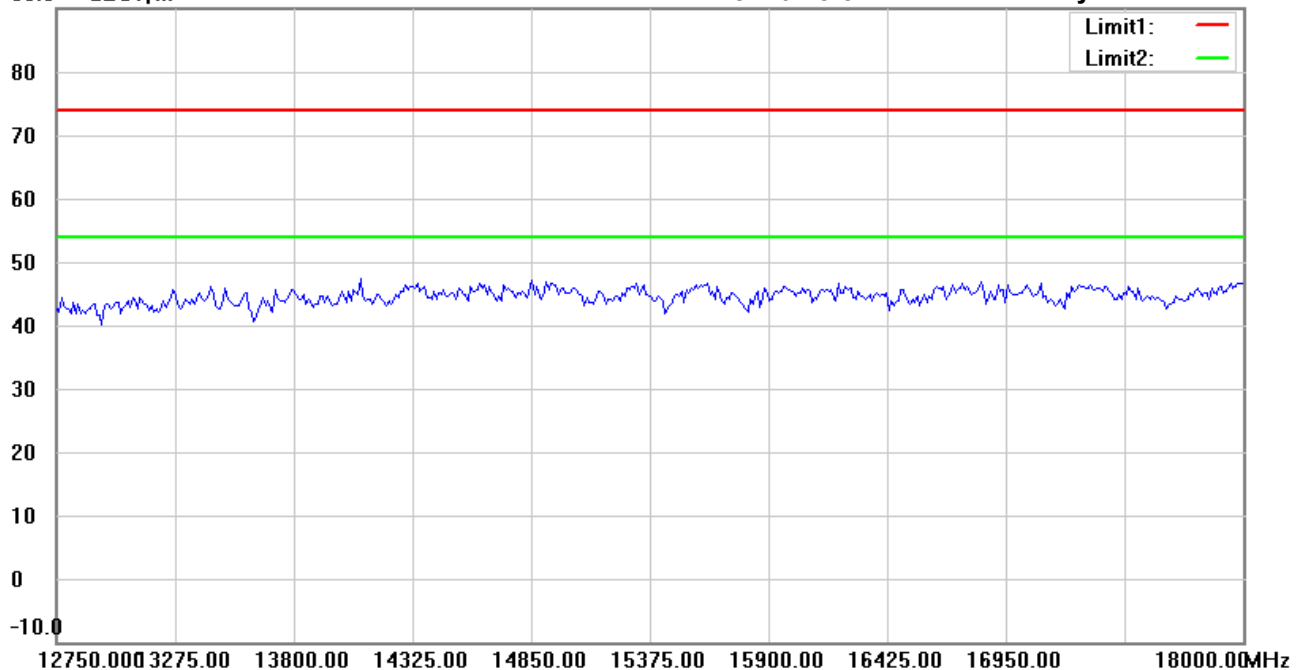
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:25:52 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Vincent

File :3

Data :#5

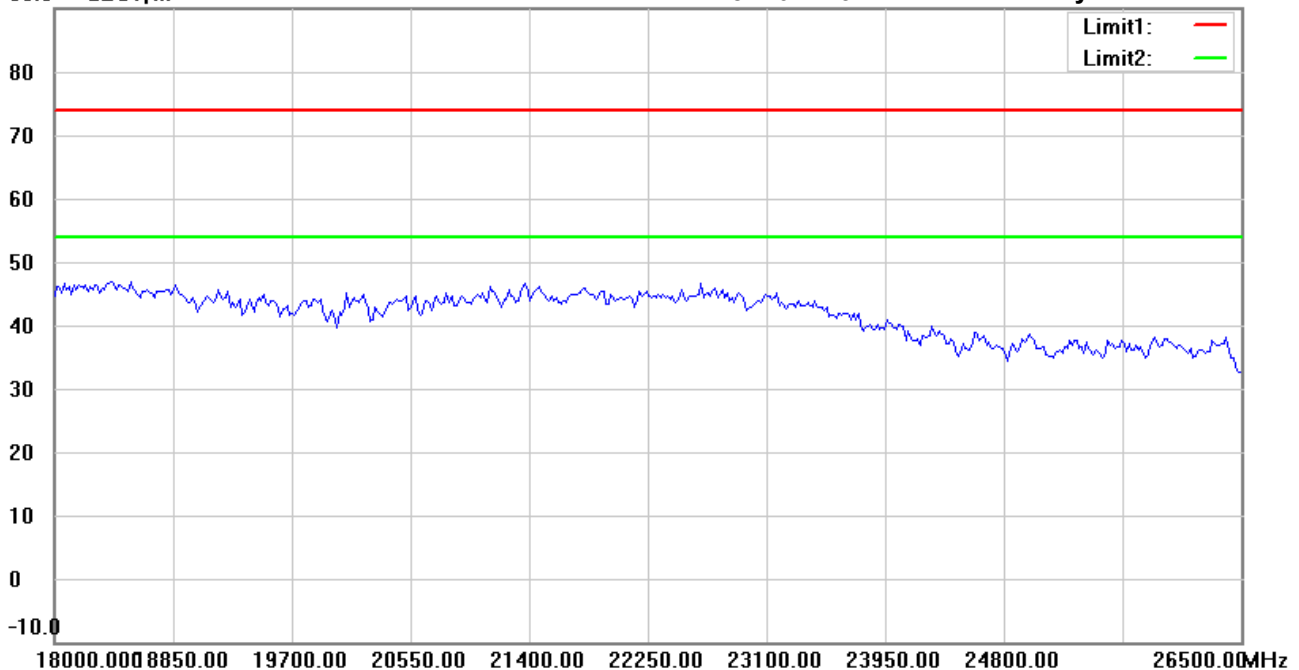
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:22:37 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #10

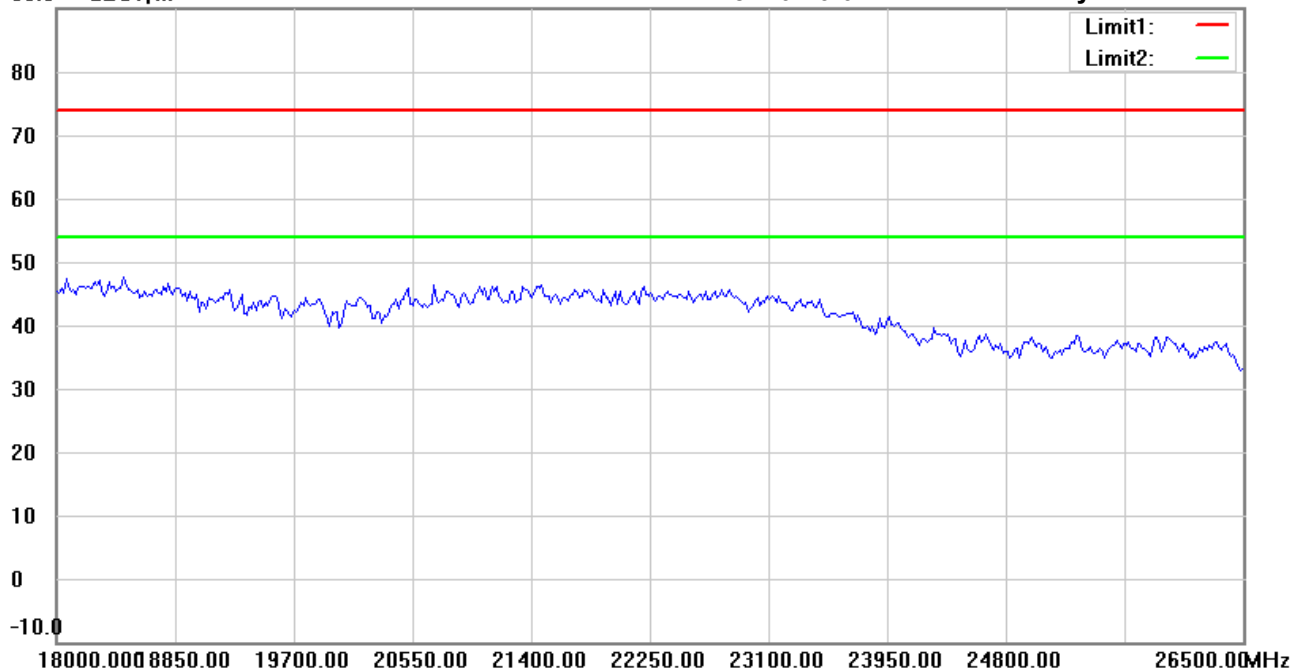
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:26:01 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File: Bellow 1G_WIFI(2)

Data: #1

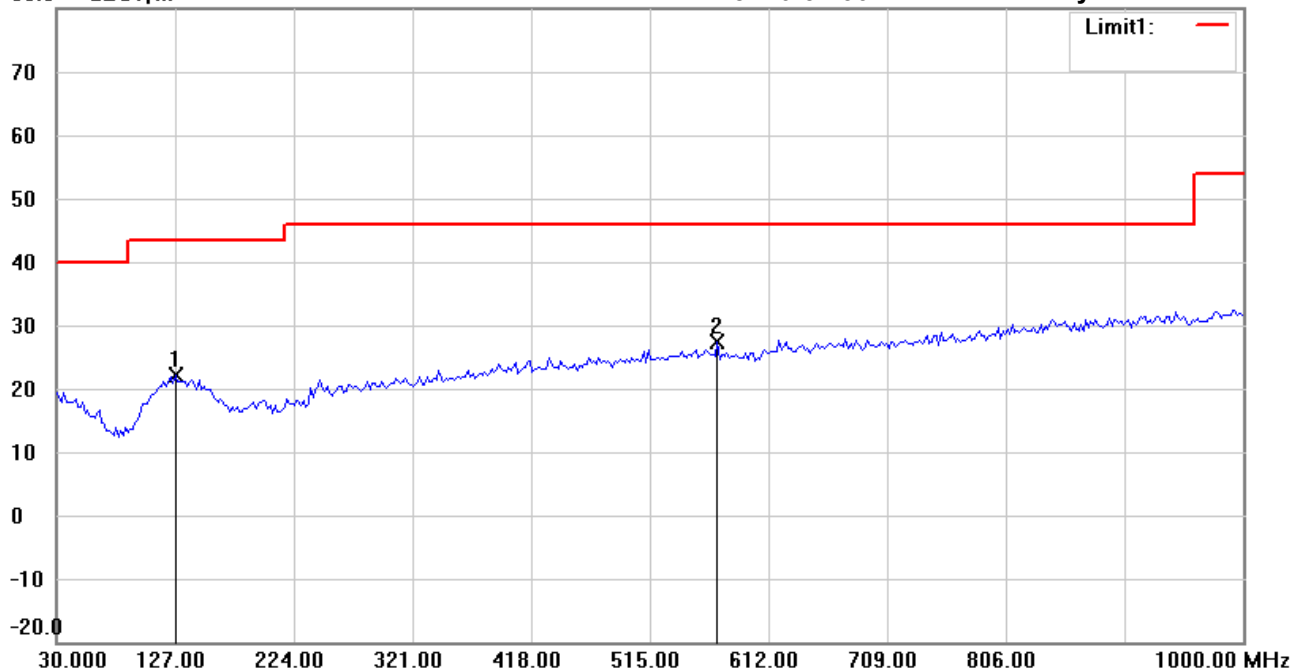
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 10:54:36 PM

Humidity: 72.8 %



Site: Chamber

Condition: FCC_part 15 RE-Class C_30-1000MHz

EUT: W6M21910-19433

M/N:

Test Mode: TX 802.11g 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
	127.1944	28.47	peak	-6.37	22.10	43.50	100	250	-21.40	
*	570.4008	29.55	peak	-2.21	27.34	46.00	100	220	-18.66	

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



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Radiated Emission Measurement

Operator: Vincent

File: Bellow 1G_WIFI(2)

Data: #2

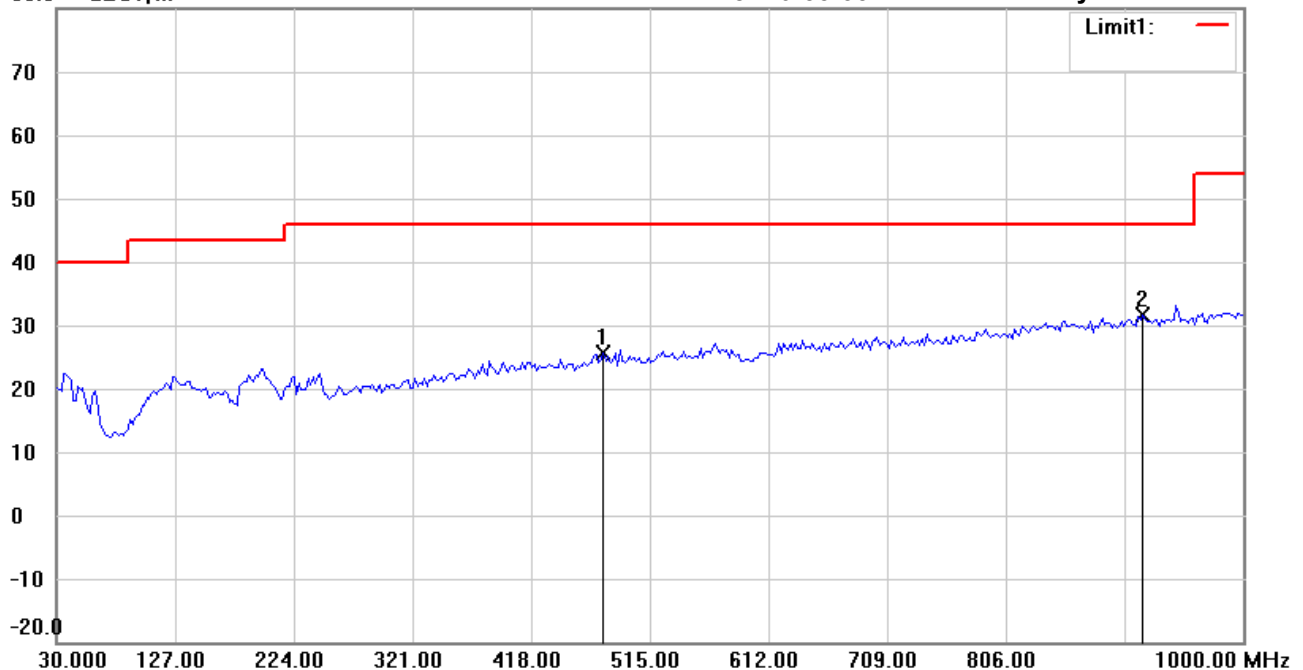
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 10:55:35 PM

Humidity: 72.8 %



Site: Chamber

Condition: FCC_part 15 RE-Class C_30-1000MHz

EUT: W6M21910-19433

M/N:

Test Mode: TX 802.11g CH1

Note:

Polarization: Vertical

Power: 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	477.0942	28.88	peak	-3.32	25.56	46.00	100	70	-20.44	
*	918.3567	27.95	peak	3.58	31.53	46.00	100	325	-14.47	

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



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

Operator: Vincent

File : 3

Data : #1

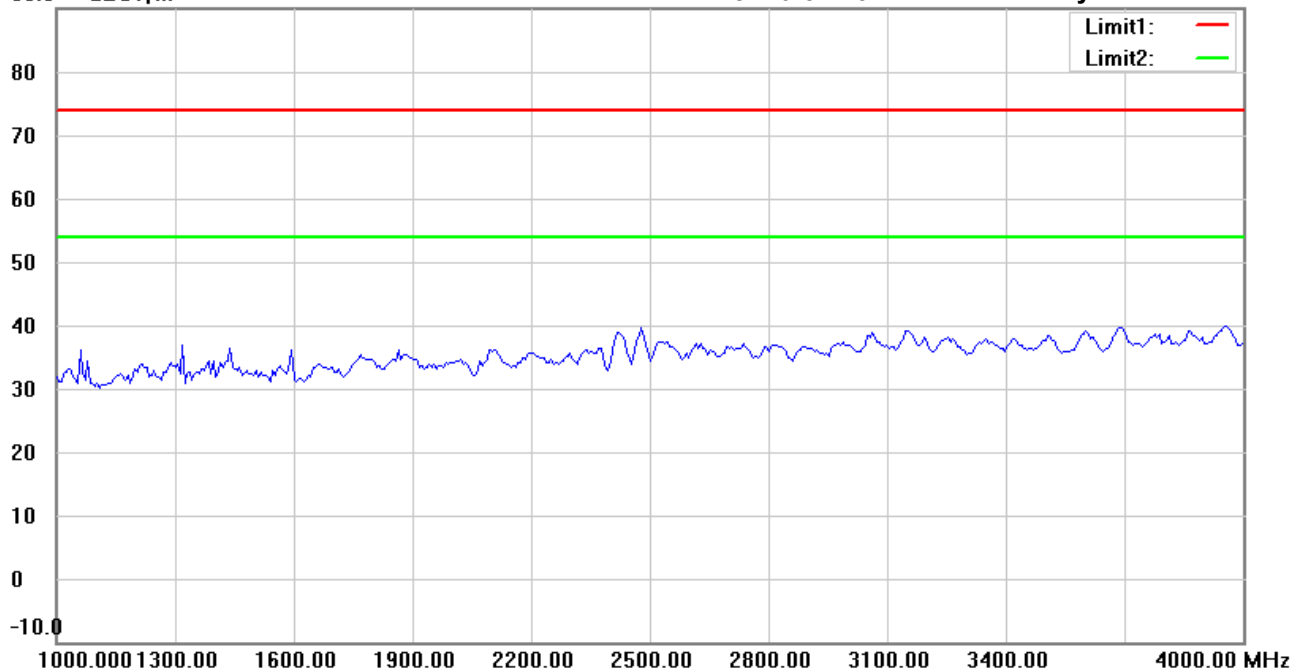
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:54:23 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g 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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Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#6

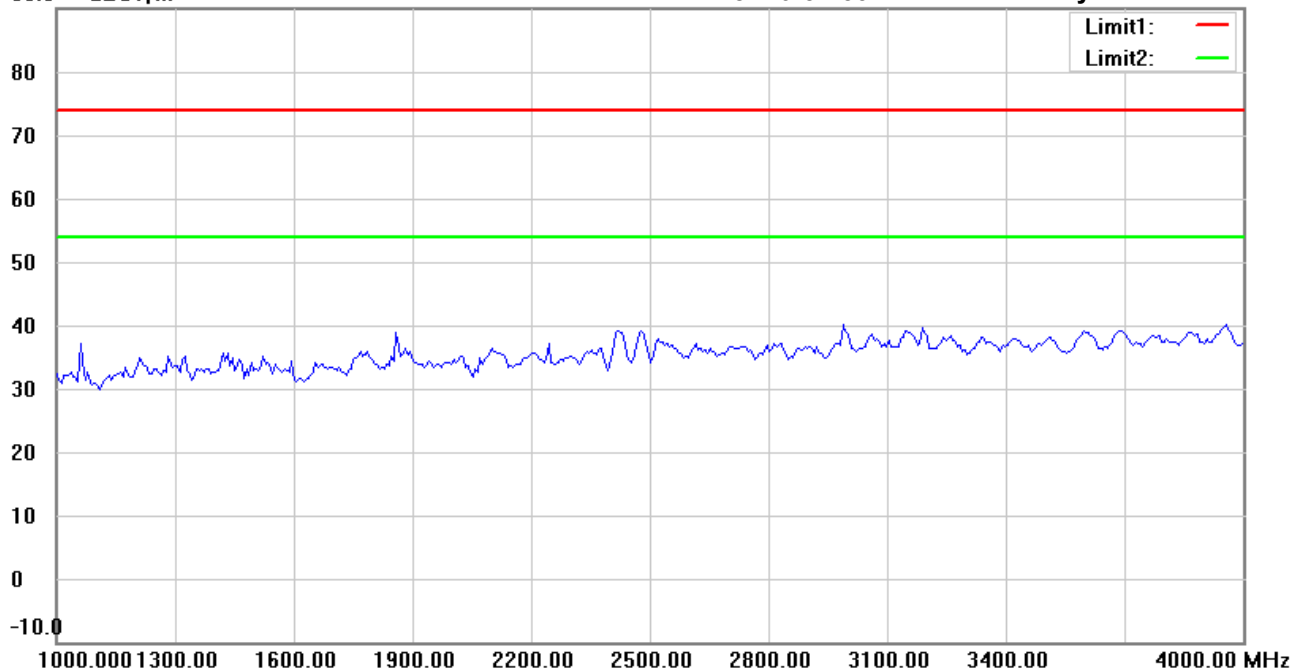
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:57:53 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#2

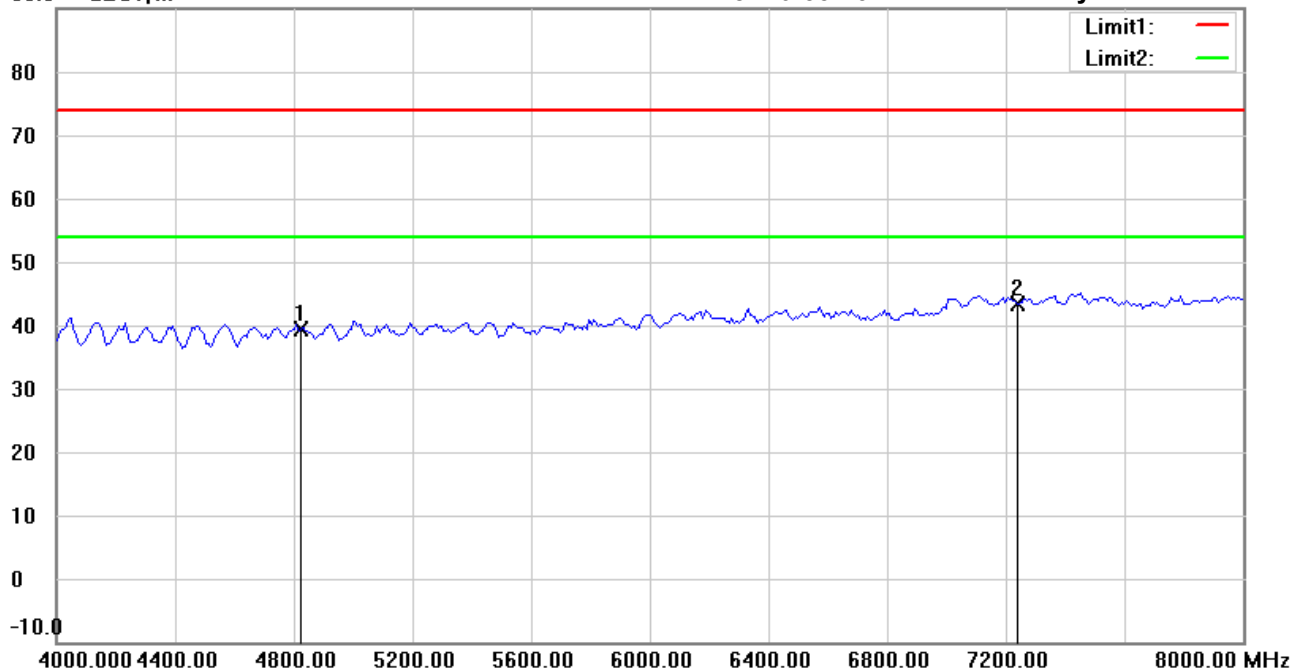
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:55:23 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g 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
	4824.000	41.28	peak	-1.88	39.40	74.00	150	80	-34.60	
*	7236.000	40.10	peak	3.28	43.38	74.00	150	240	-30.62	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#7

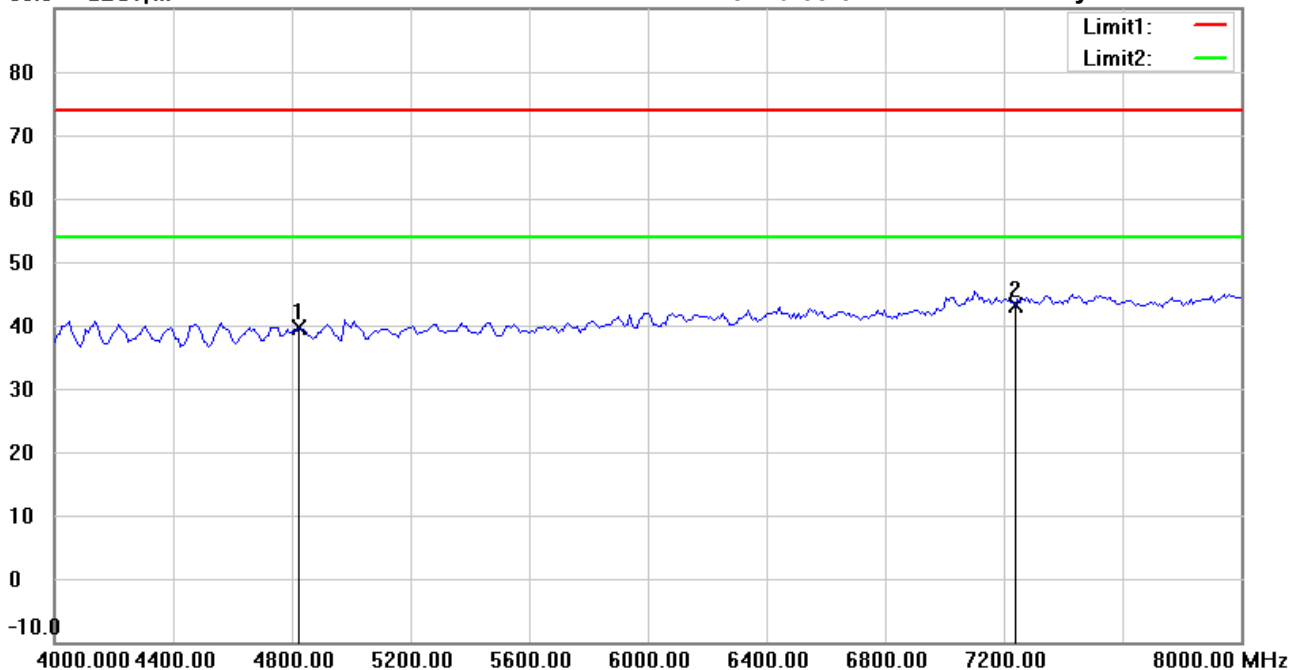
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:58:54 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	41.54	peak	-1.88	39.66	74.00	150	165	-34.34	
*	7236.000	39.96	peak	3.28	43.24	74.00	150	220	-30.76	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

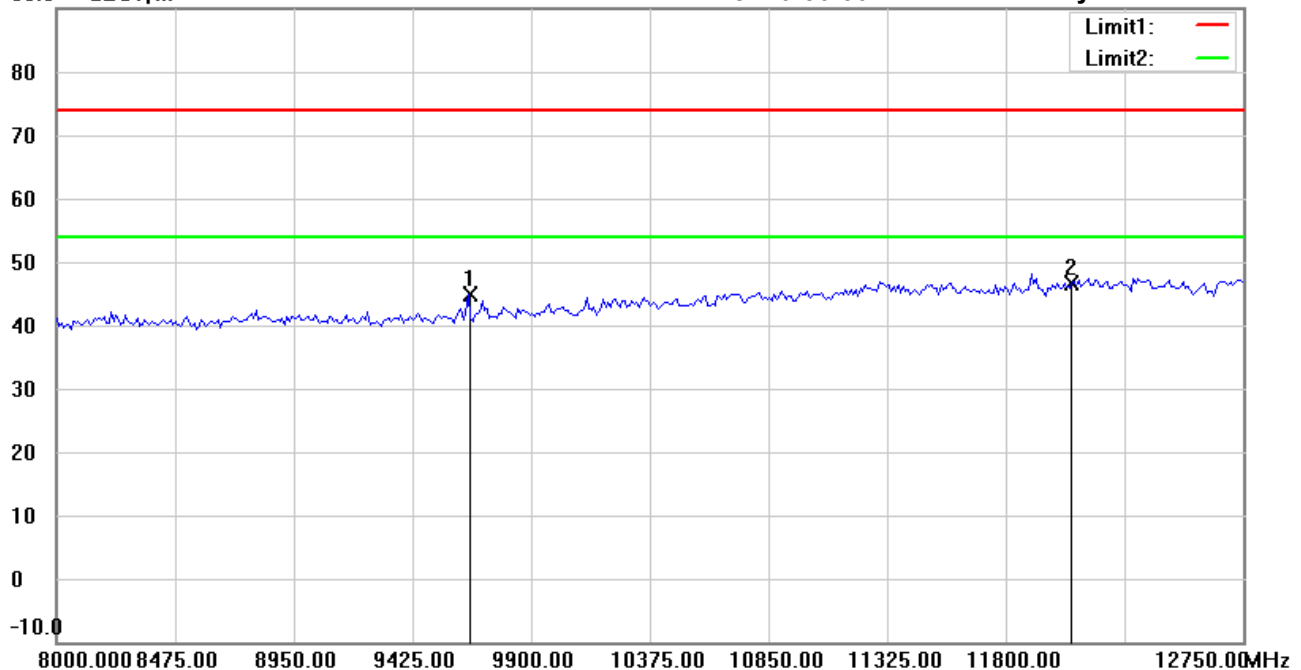
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:56:30 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g 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
	9646.794	38.37	peak	6.60	44.97	74.00	150	190	-29.03	
*	12060.000	34.42	peak	12.21	46.63	74.00	150	220	-27.37	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

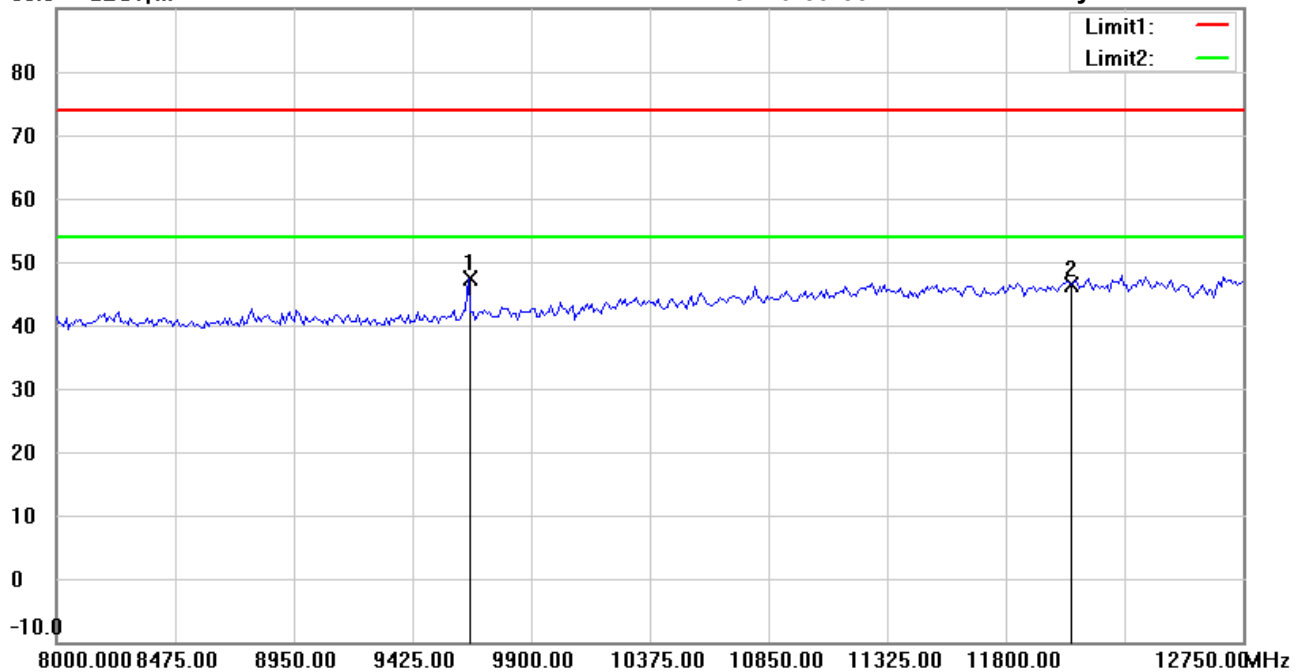
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:59:53 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	9646.794	40.86	peak	6.60	47.46	74.00	150	225	-26.54	
	12060.000	34.06	peak	12.21	46.27	74.00	150	130	-27.73	

*: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: Vincent

File :3

Data :#4

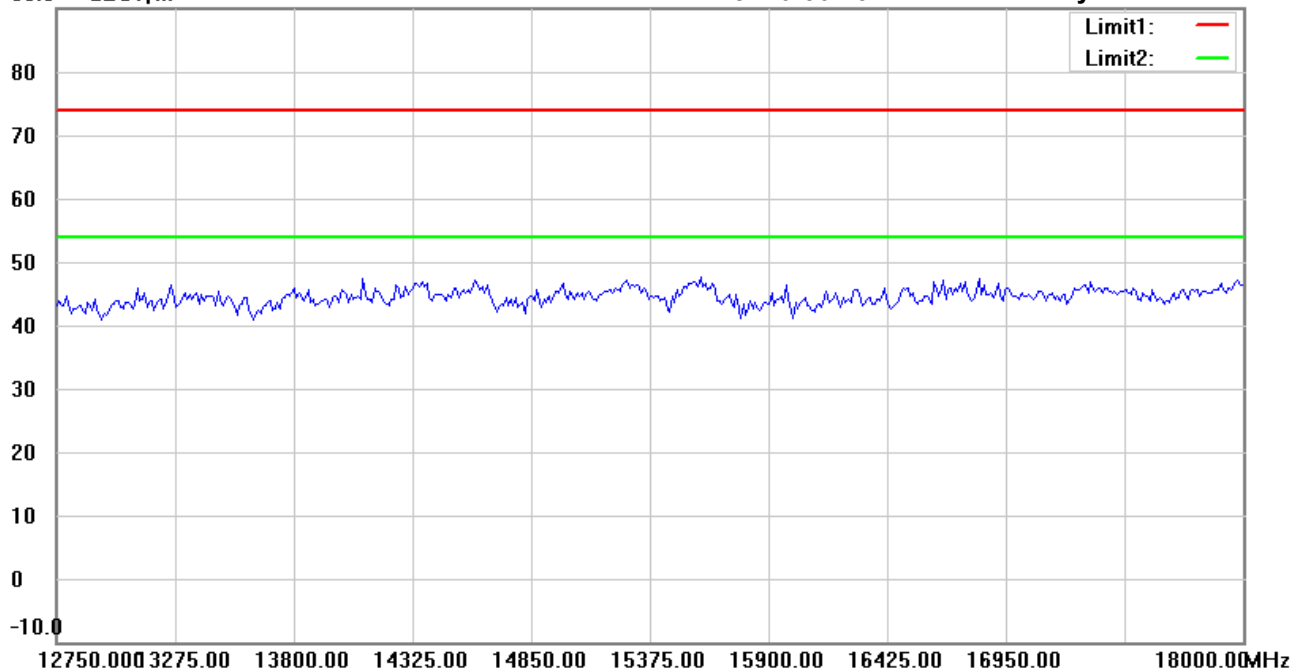
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:56:43 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g 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



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

Operator: Vincent

File :3

Data :#9

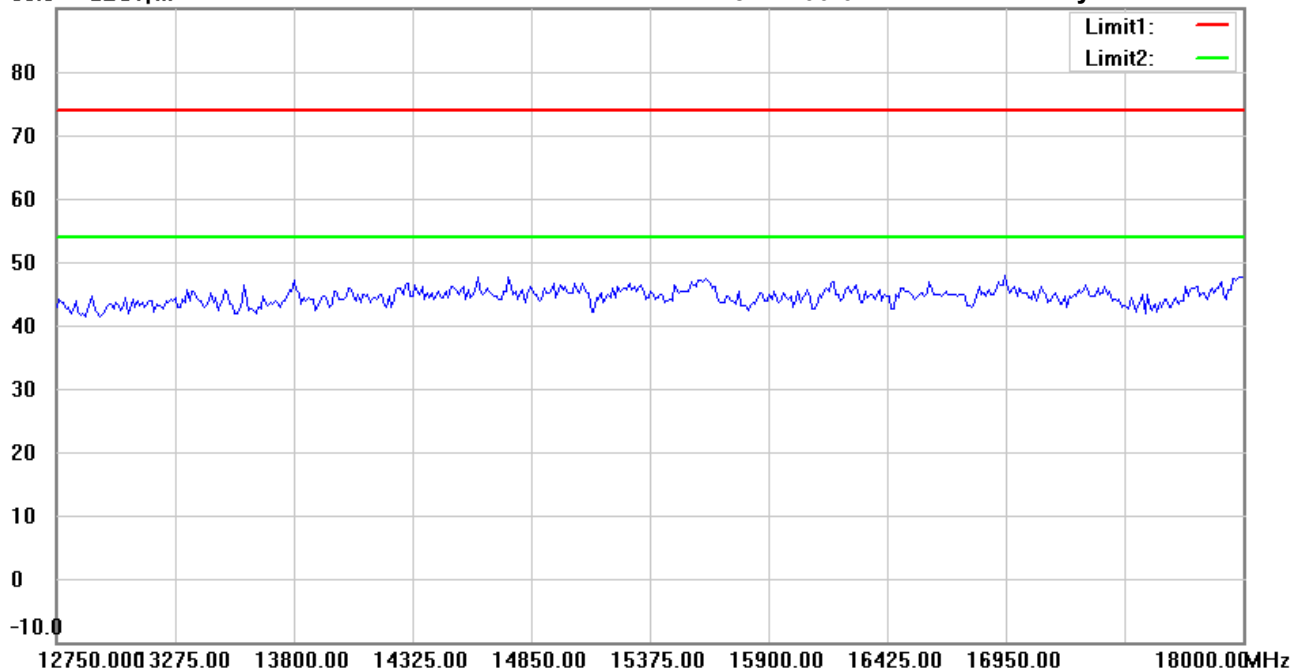
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:00:07 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Vincent

File :3

Data :#5

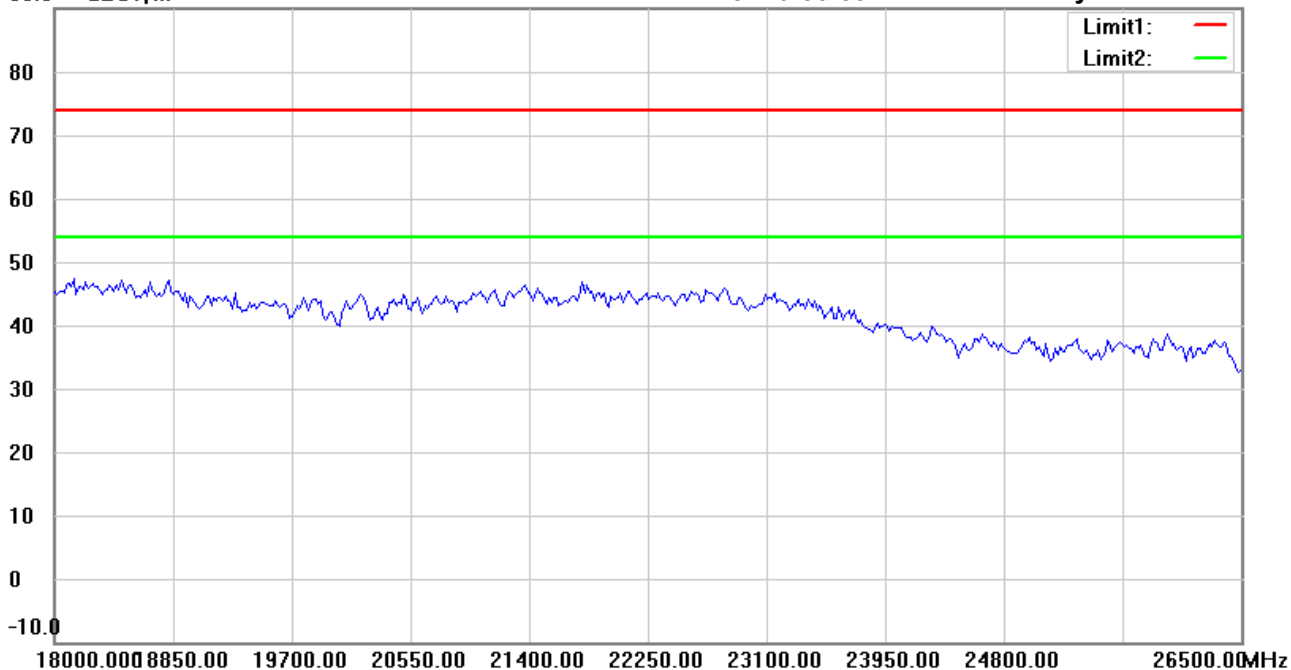
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:56:53 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g 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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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

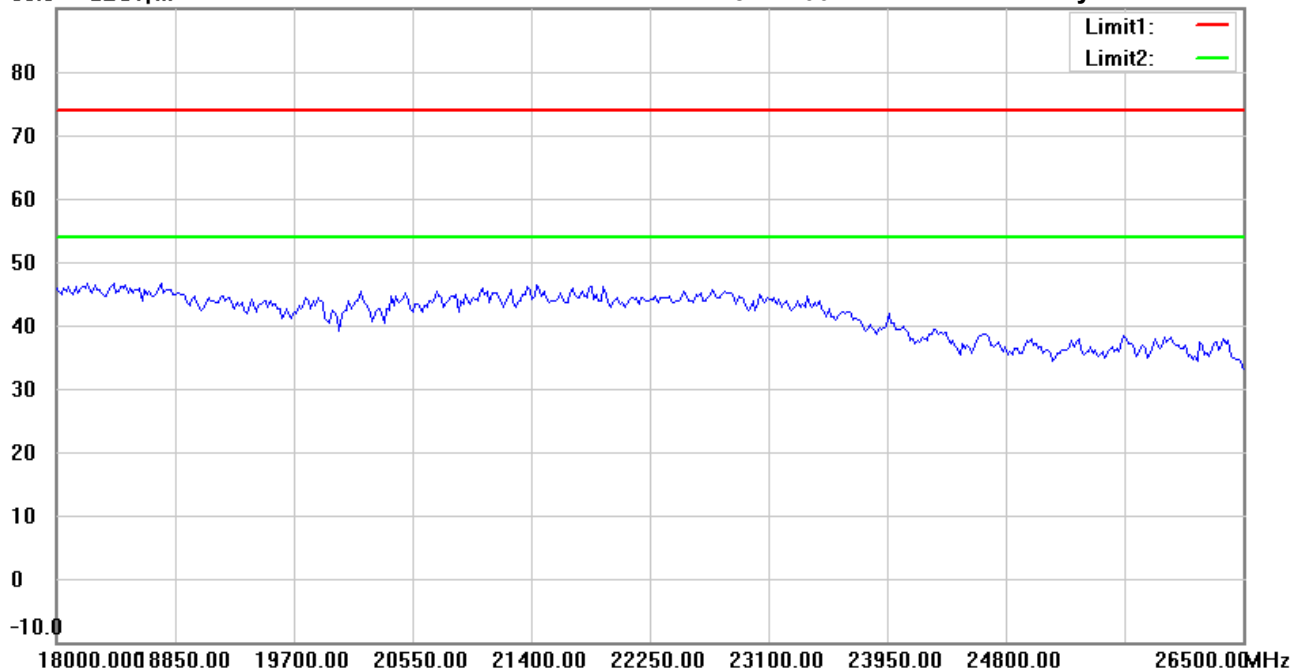
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:00:17 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

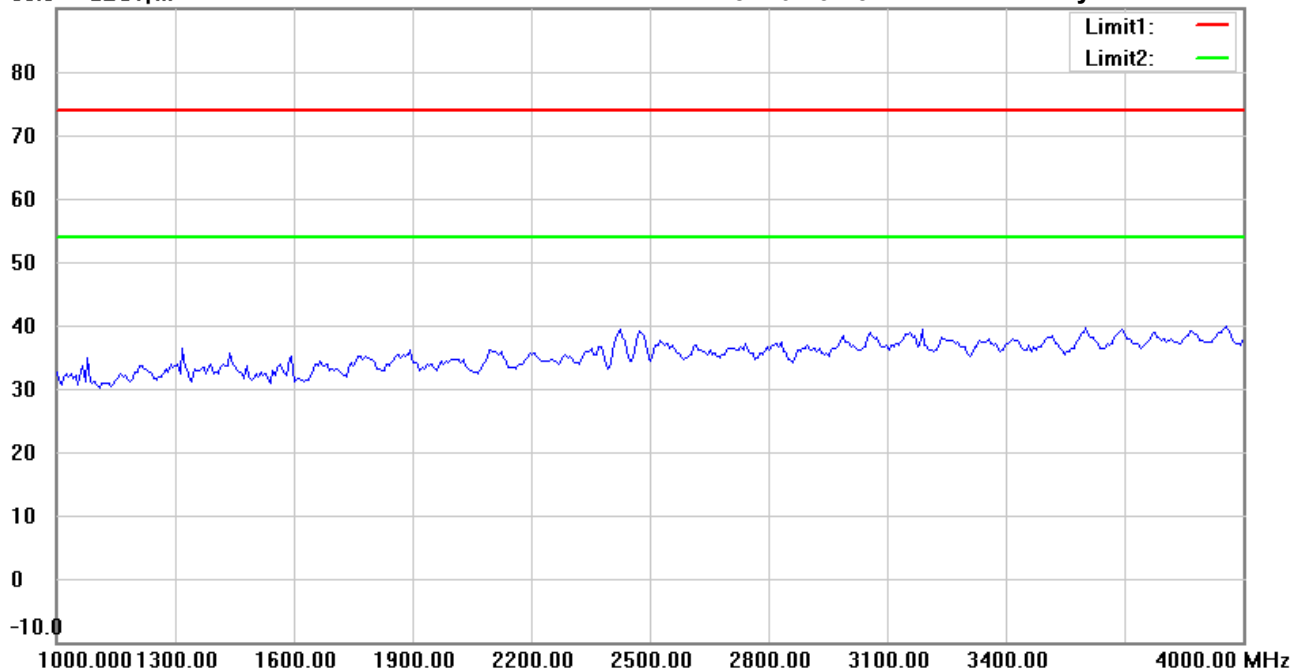
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:43:25 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

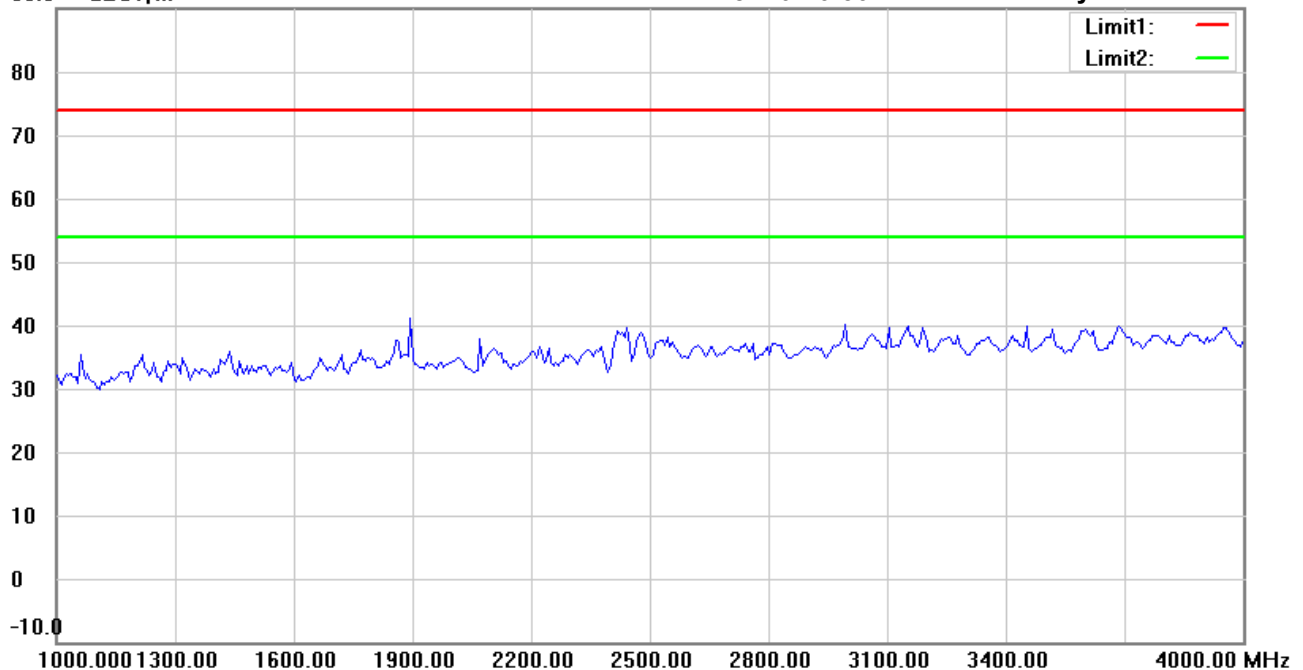
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:46:56 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#2

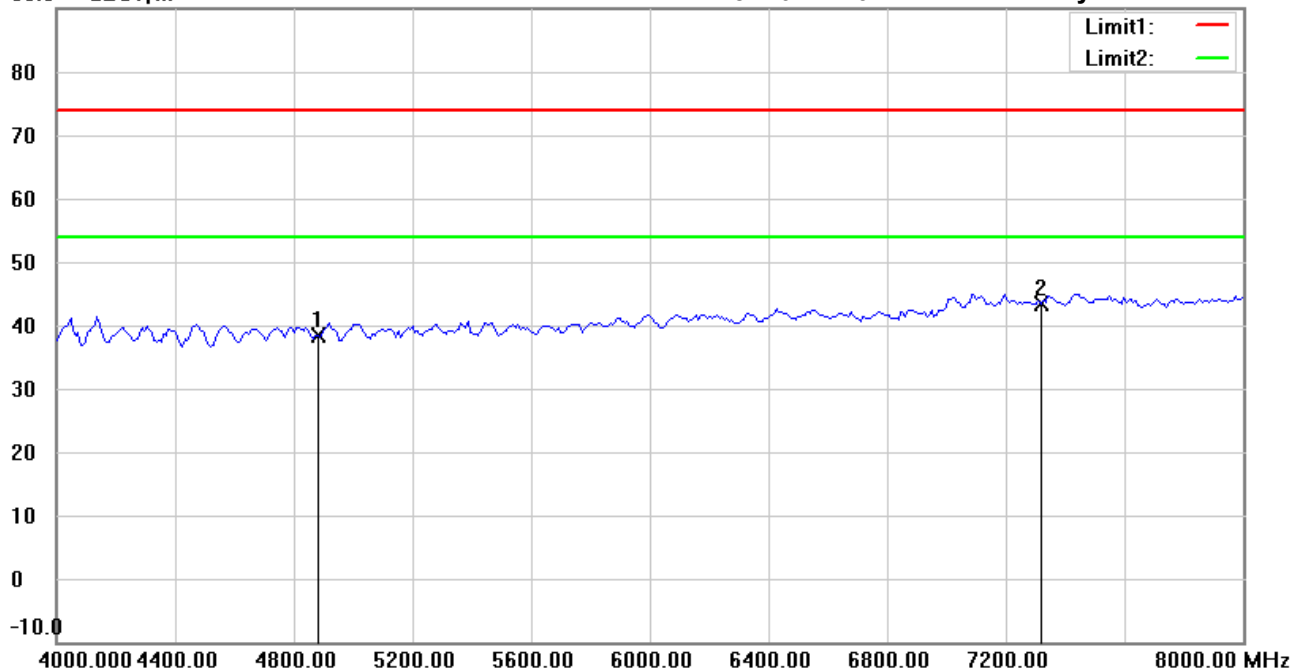
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:44:26 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	40.08	peak	-1.70	38.38	74.00	150	195	-35.62	
*	7311.000	39.97	peak	3.42	43.39	74.00	150	300	-30.61	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

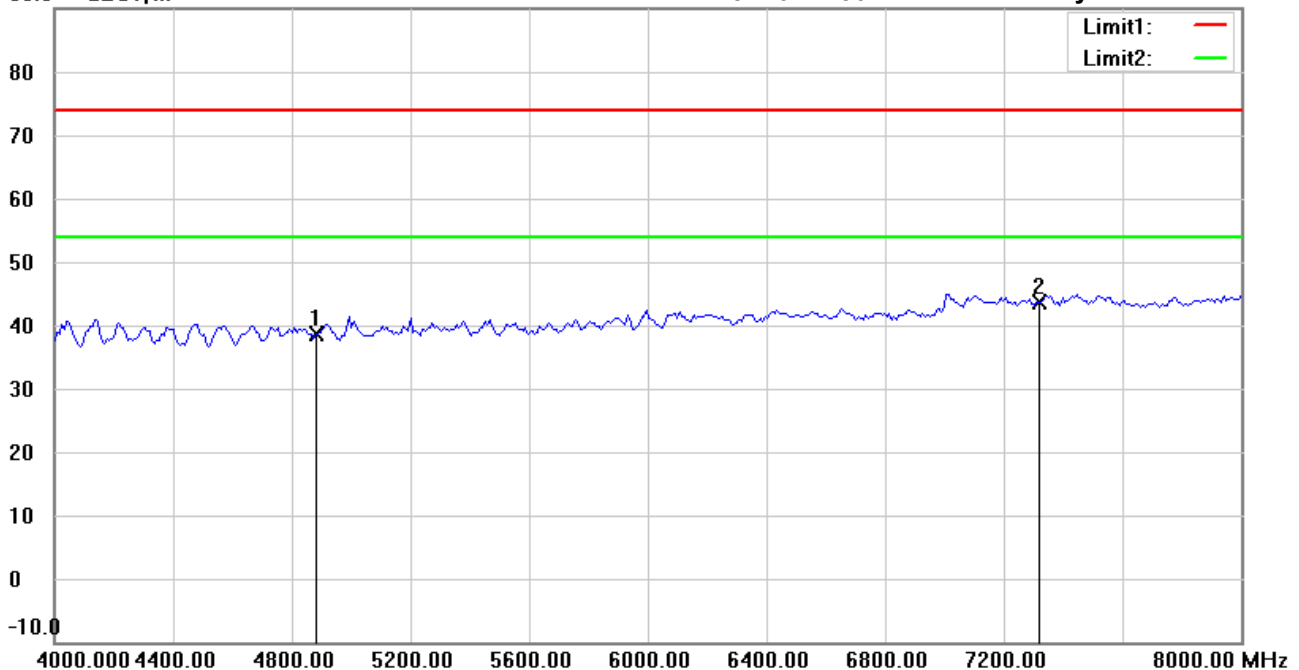
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:47:56 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	40.25	peak	-1.70	38.55	74.00	150	110	-35.45	
*	7311.000	40.10	peak	3.42	43.52	74.00	150	305	-30.48	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

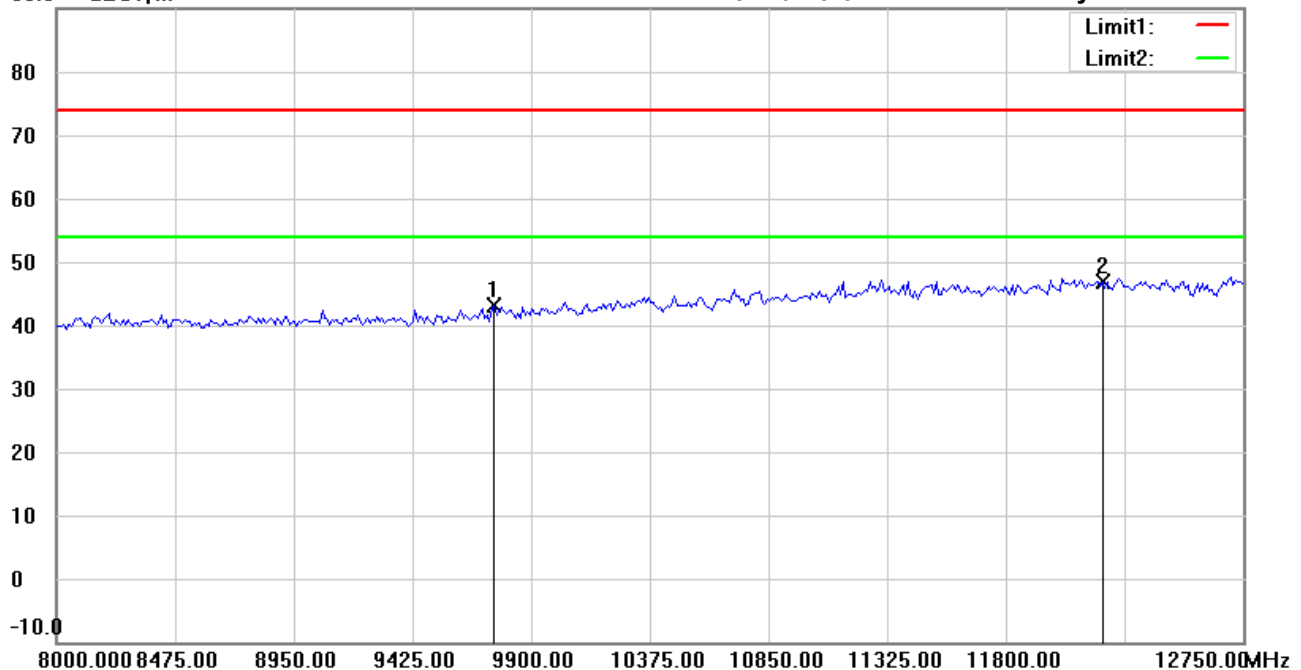
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:45:32 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	36.48	peak	6.75	43.23	74.00	150	240	-30.77	
*	12185.000	34.13	peak	12.83	46.96	74.00	150	180	-27.04	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

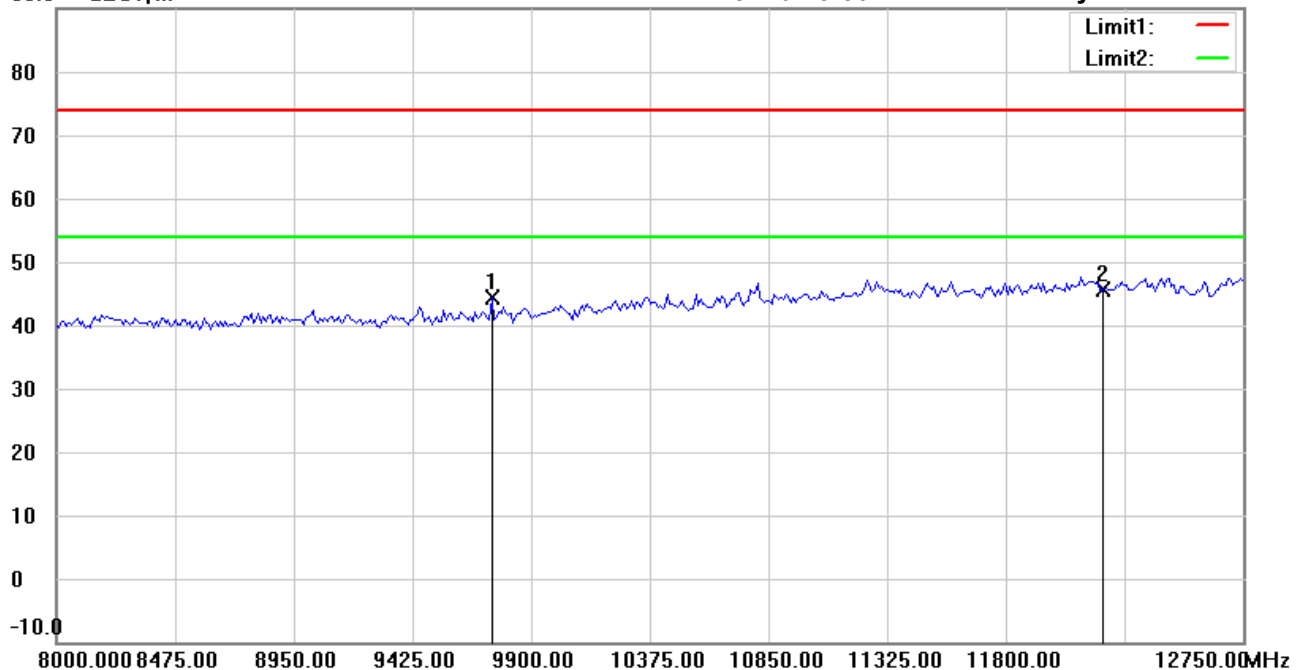
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:48:56 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9741.984	37.75	peak	6.74	44.49	74.00	150	280	-29.51	
*	12185.000	32.82	peak	12.83	45.65	74.00	150	135	-28.35	

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



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

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

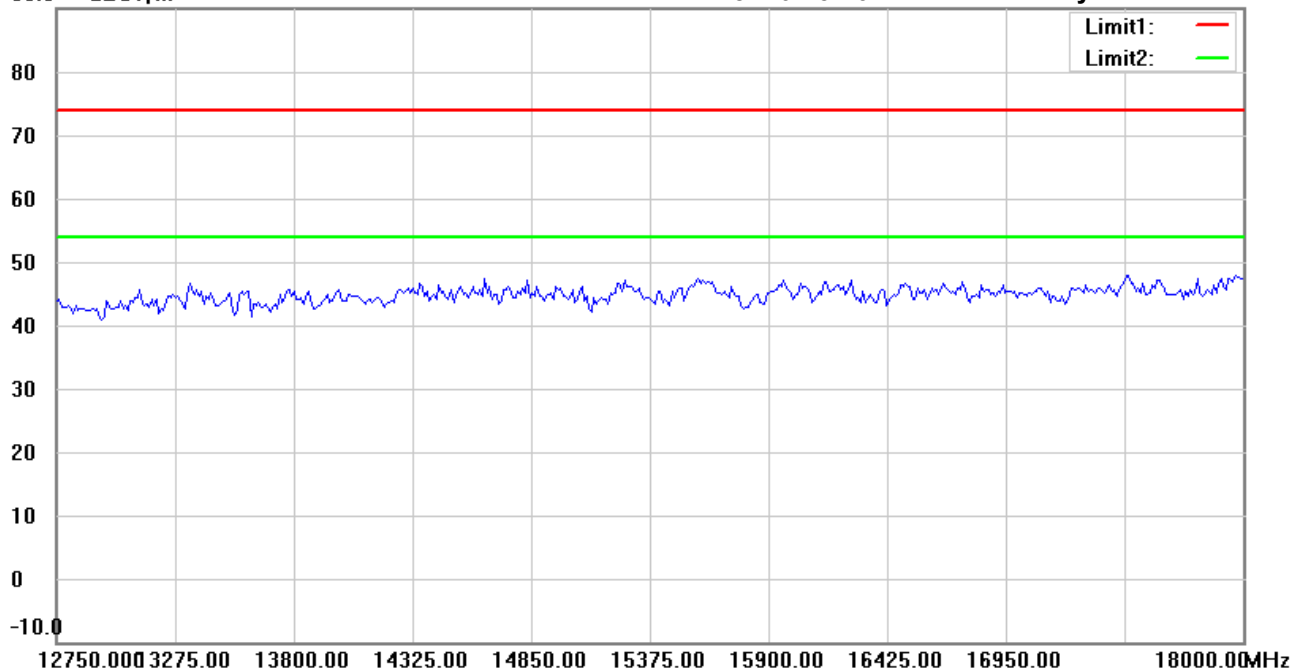
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:45:46 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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

*: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: Vincent

File :3

Data :#9

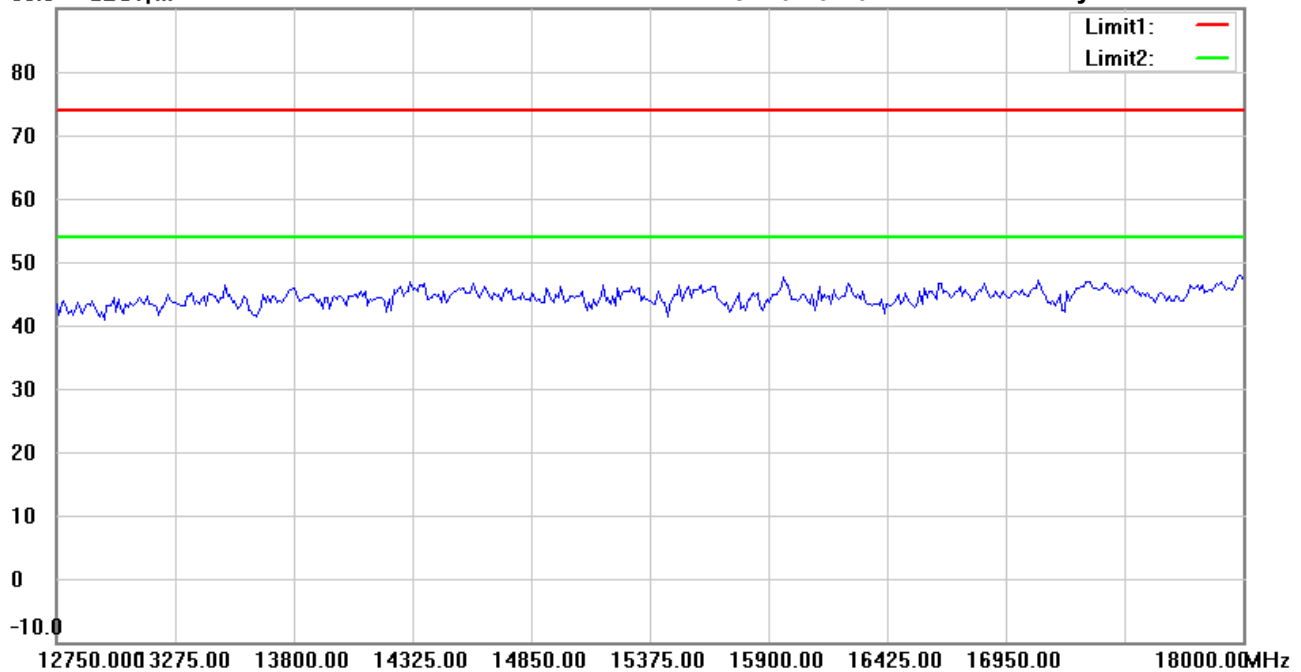
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:49:10 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

*: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: Vincent

File :3

Data :#5

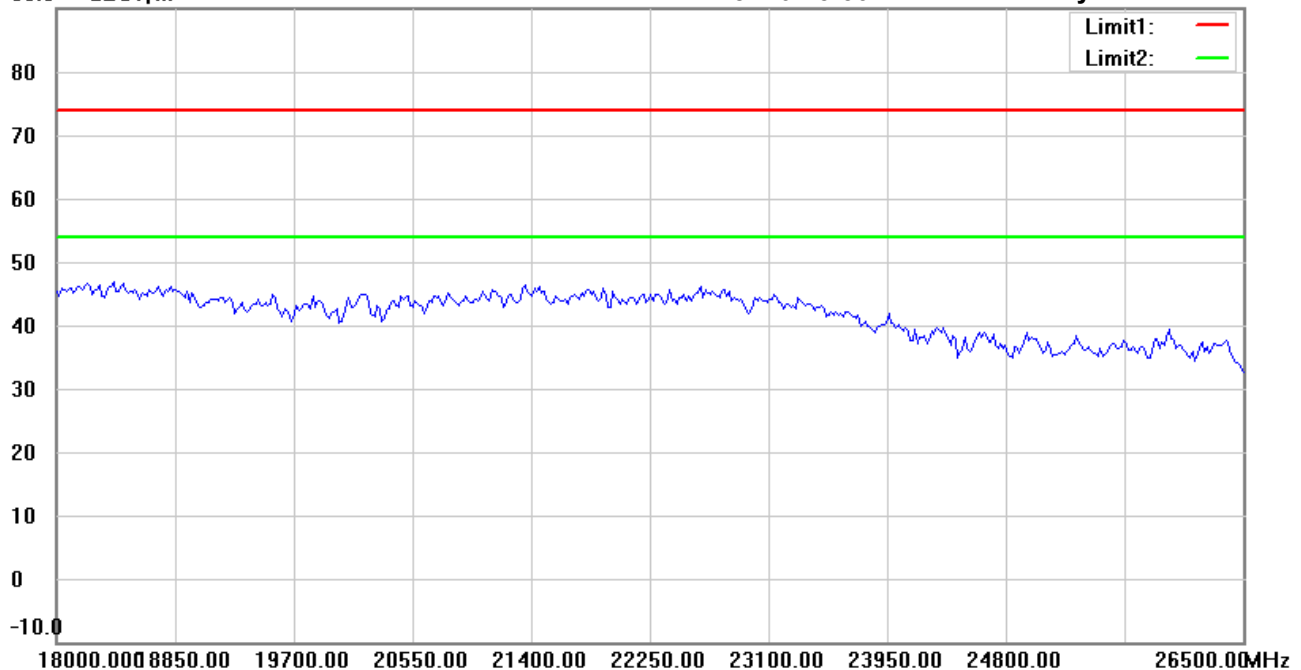
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:45:56 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #10

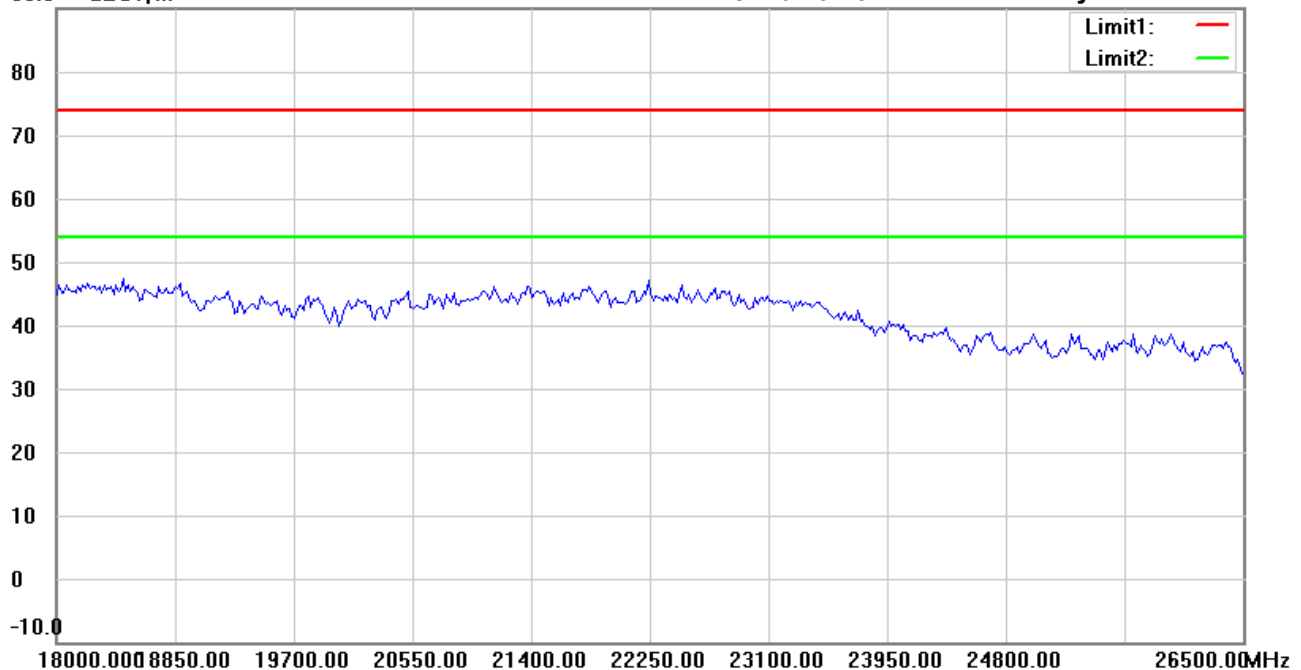
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:49:19 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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

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



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

Operator: Vincent

File : 3

Data : #1

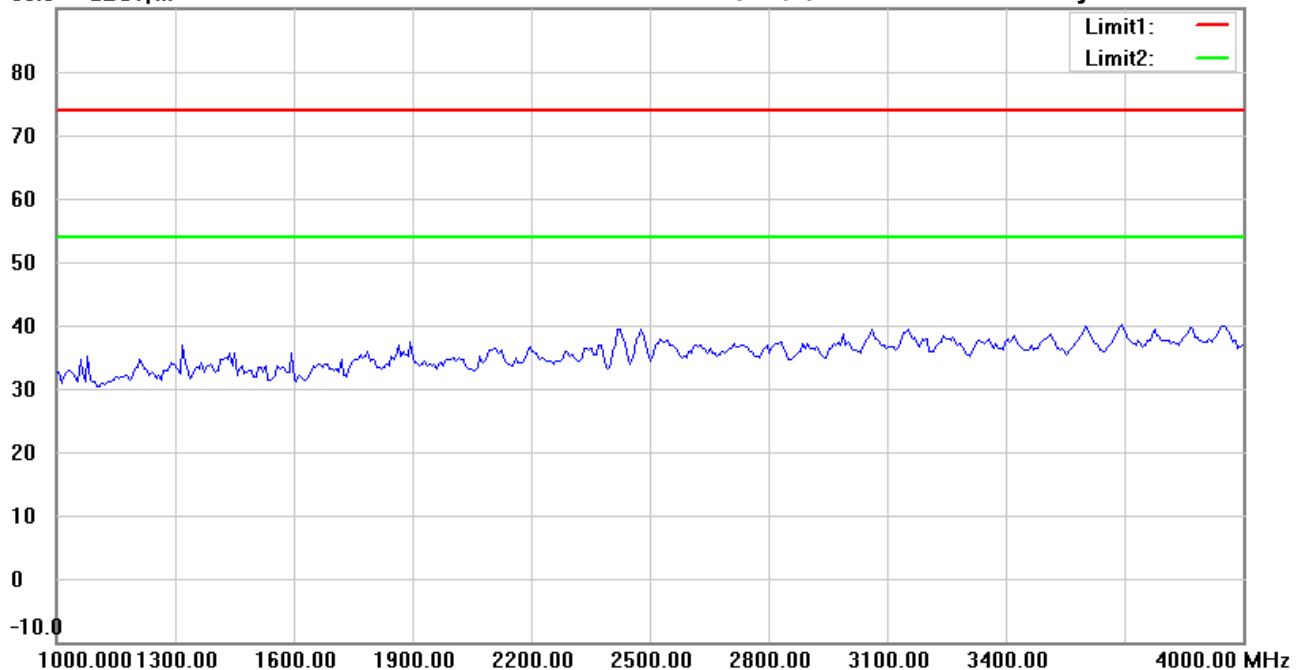
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:32:22 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

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

*: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: Vincent

File : 3

Data : #6

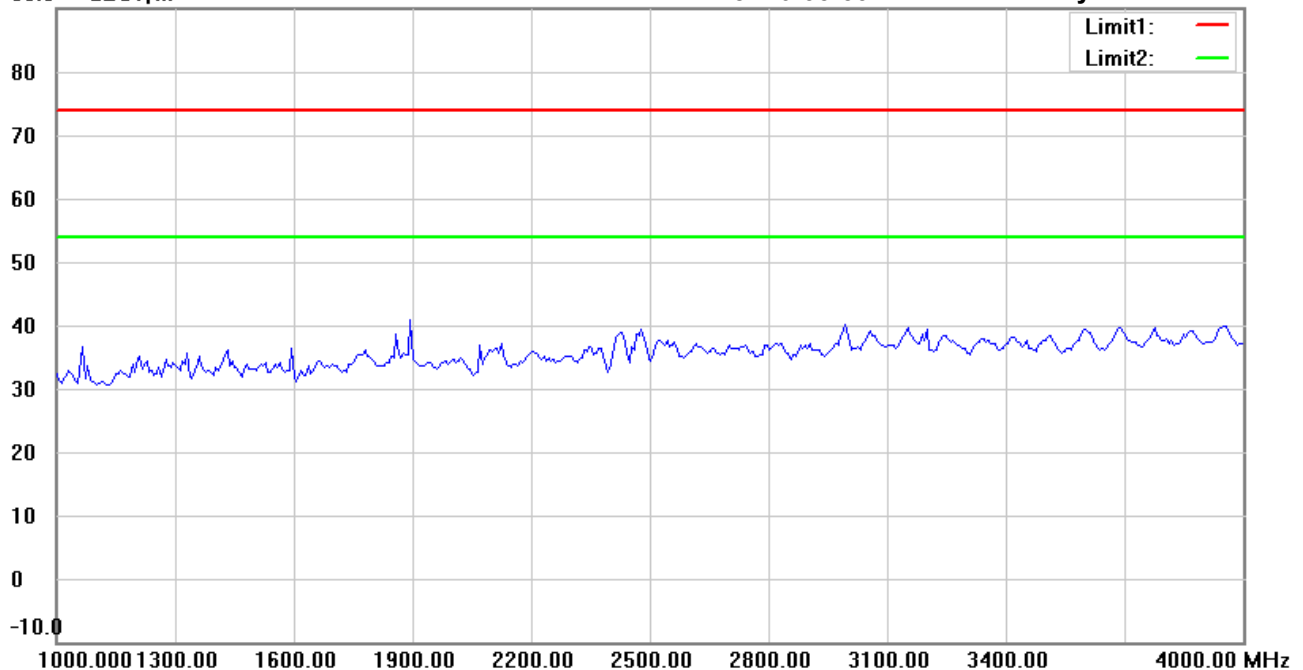
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:35:53 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#2

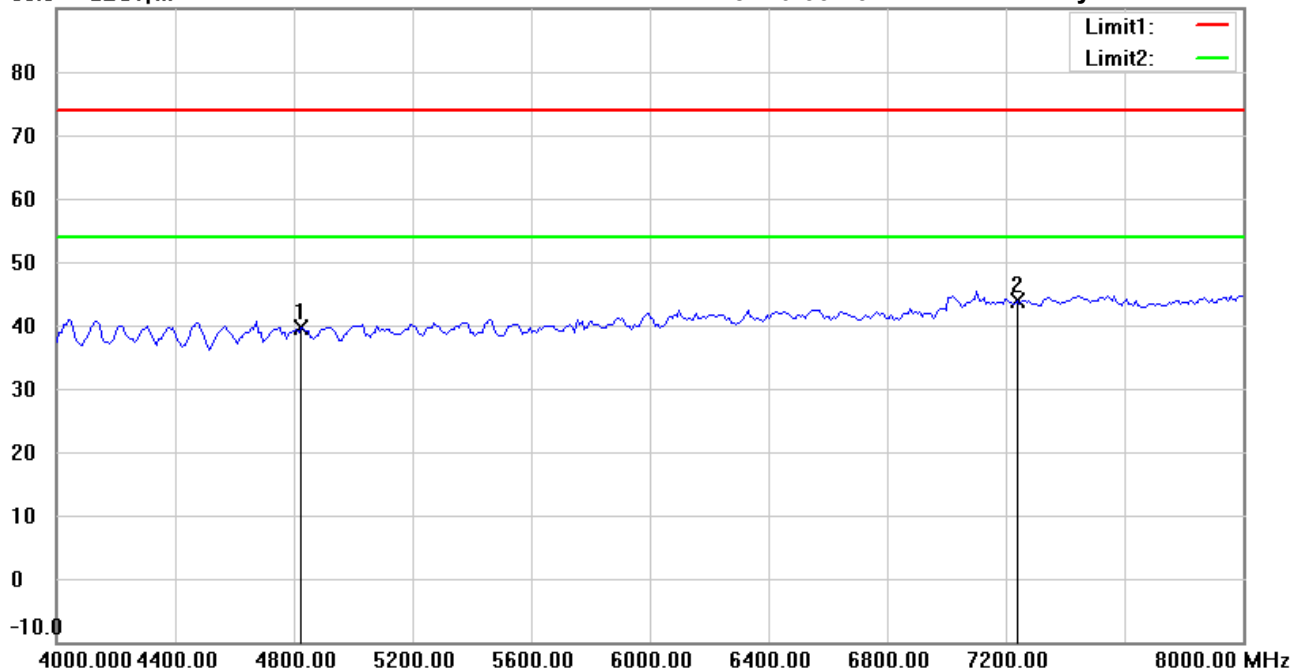
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:33:23 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	41.39	peak	-1.88	39.51	74.00	150	110	-34.49	
*	7236.000	40.57	peak	3.28	43.85	74.00	150	70	-30.15	

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



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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

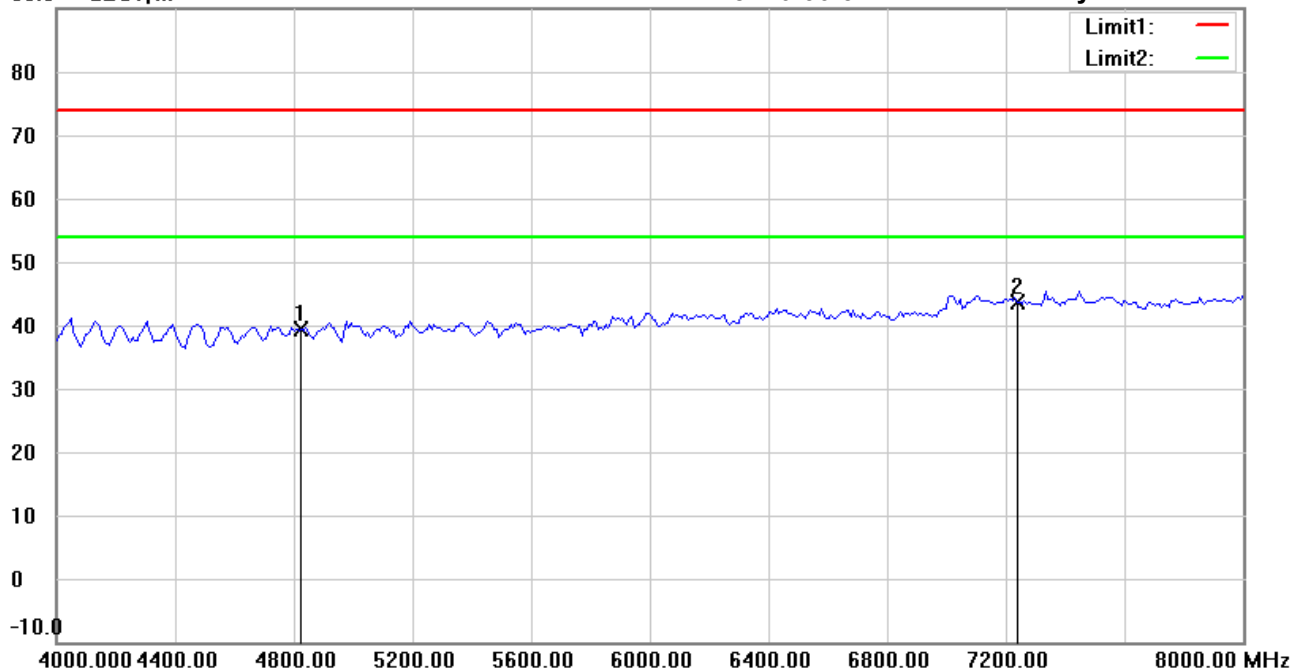
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:36:54 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	41.21	peak	-1.88	39.33	74.00	150	90	-34.67	
*	7236.000	40.43	peak	3.28	43.71	74.00	150	120	-30.29	

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



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

Operator: Vincent

File :3

Data :#3

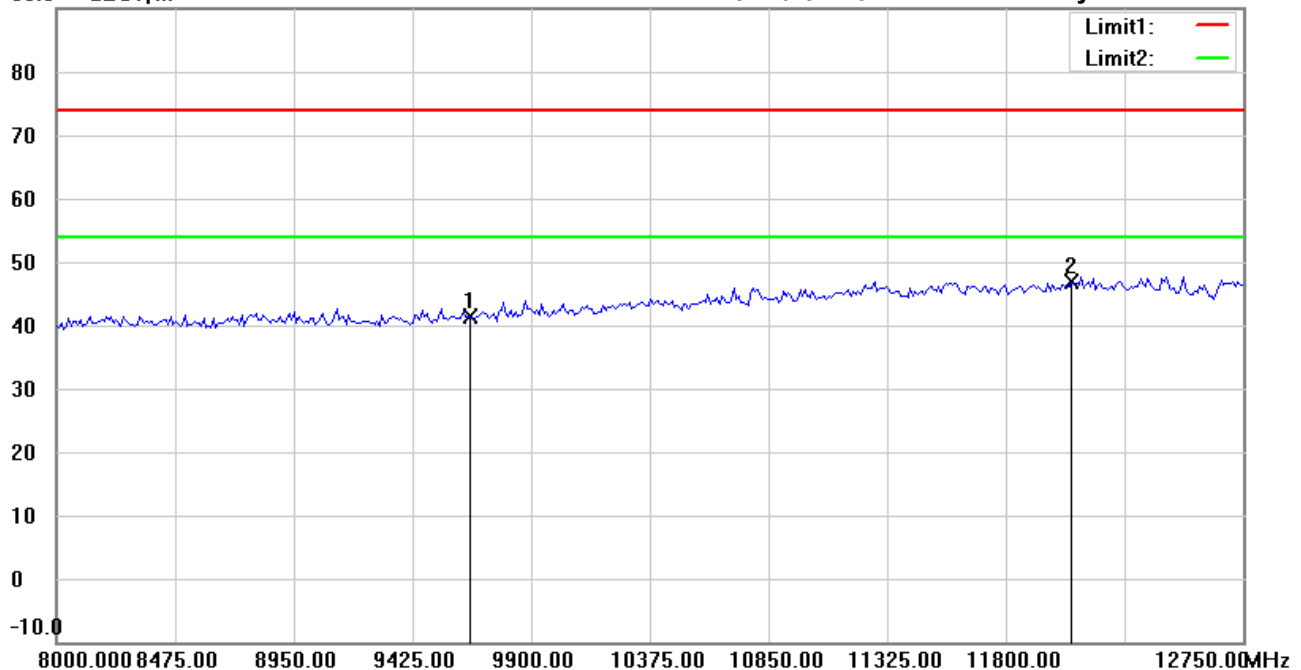
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:34:29 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	34.87	peak	6.60	41.47	74.00	150	45	-32.53	
*	12060.000	34.55	peak	12.21	46.76	74.00	150	250	-27.24	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

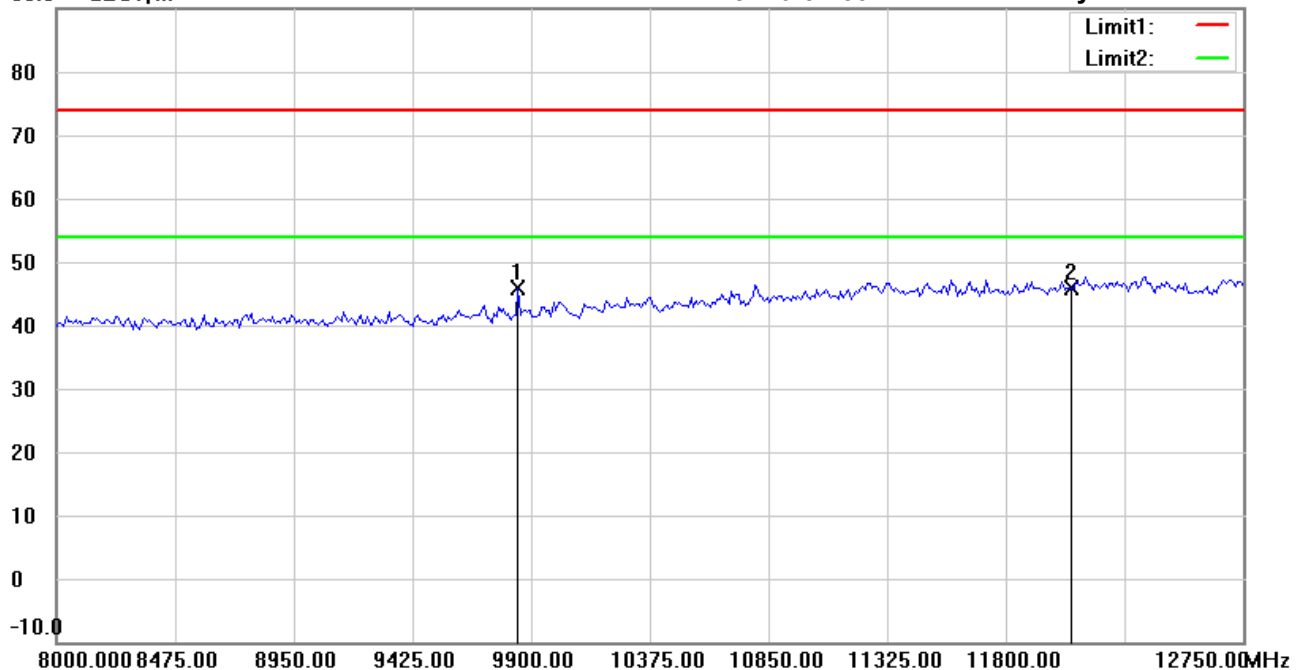
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:37:53 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	9846.693	38.92	peak	6.95	45.87	74.00	150	280	-28.13	
	12060.000	33.55	peak	12.21	45.76	74.00	150	55	-28.24	

*: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: Vincent

File :3

Data :#4

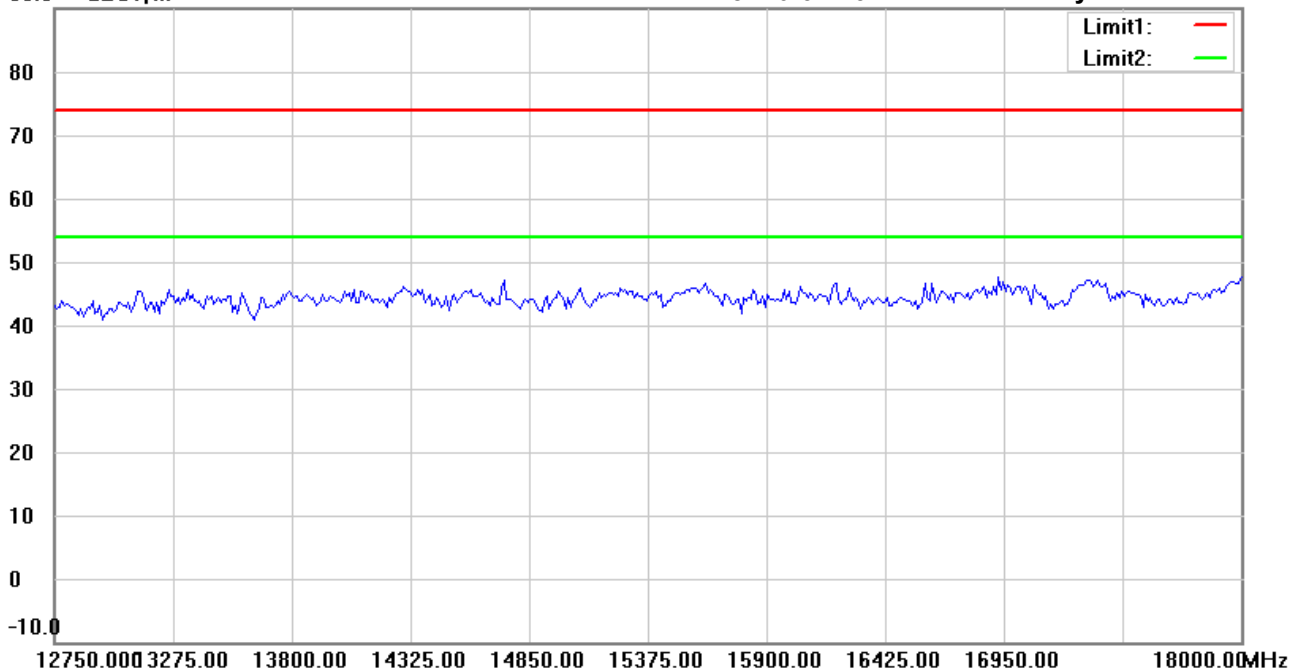
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:34:43 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

File : 3

Data : #9

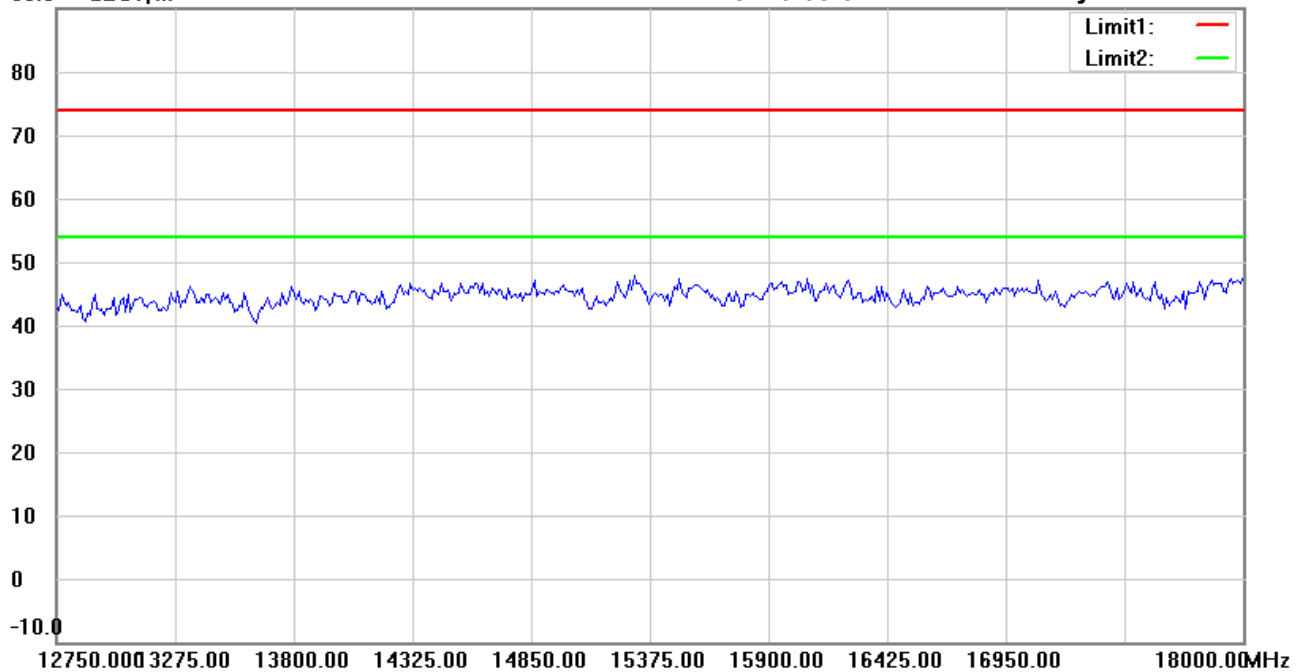
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:38:07 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

File :3

Data :#5

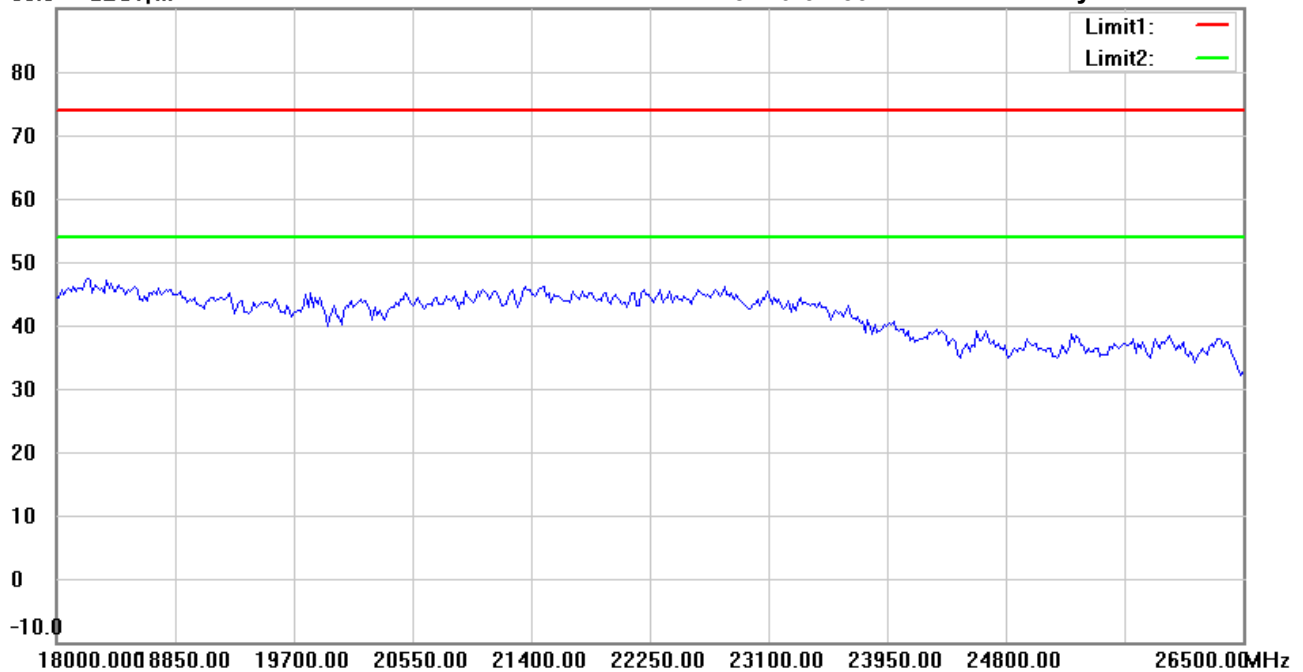
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:34:53 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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

File :3

Data :#10

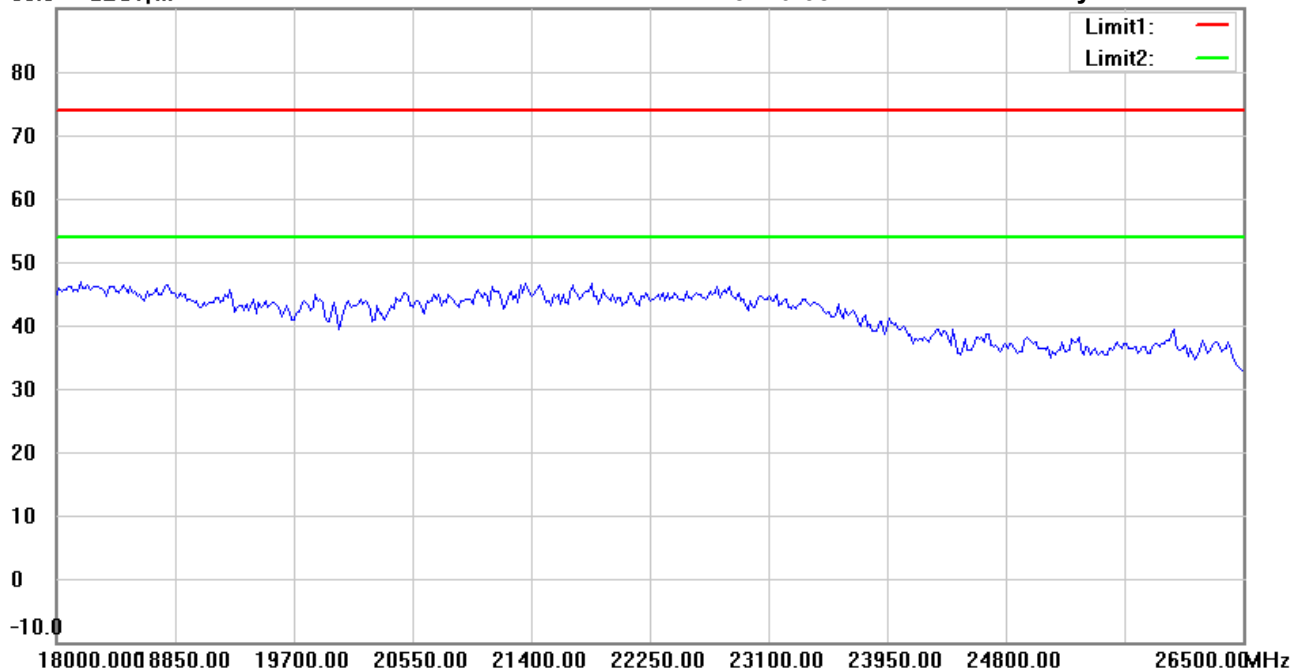
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 10:38:17 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

*: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: Vincent

File : 3

Data : #1

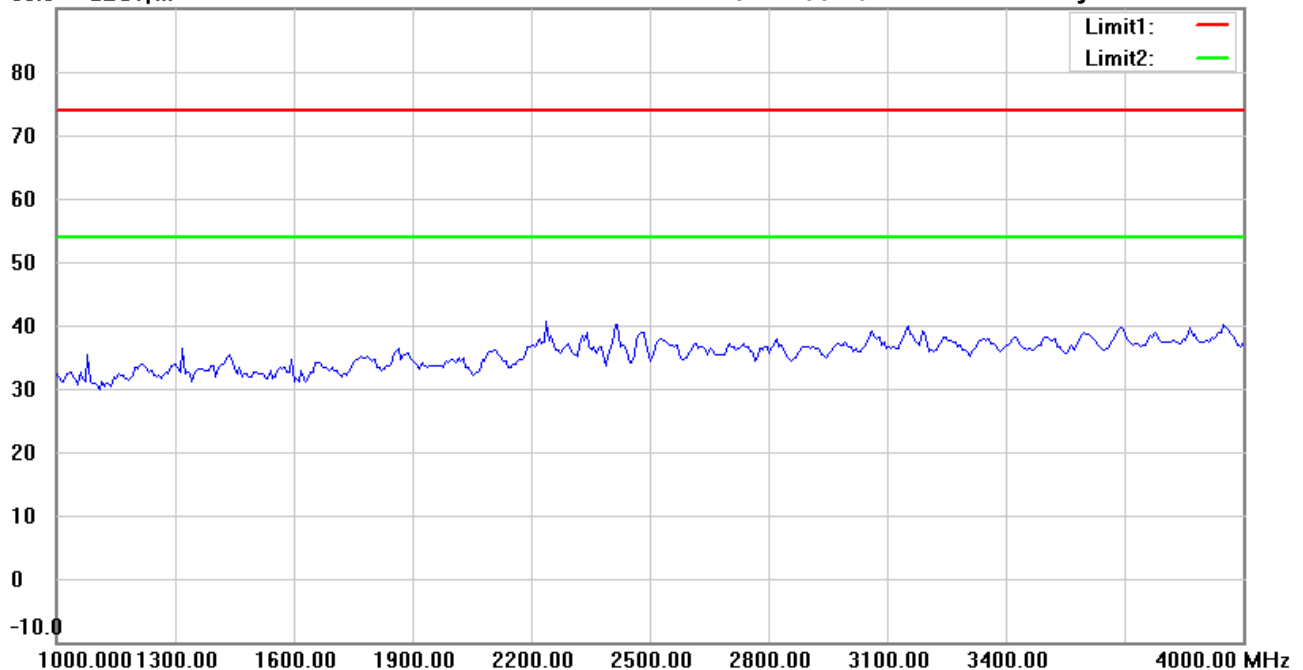
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:06:40 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 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



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

Operator: Vincent

File :3

Data :#6

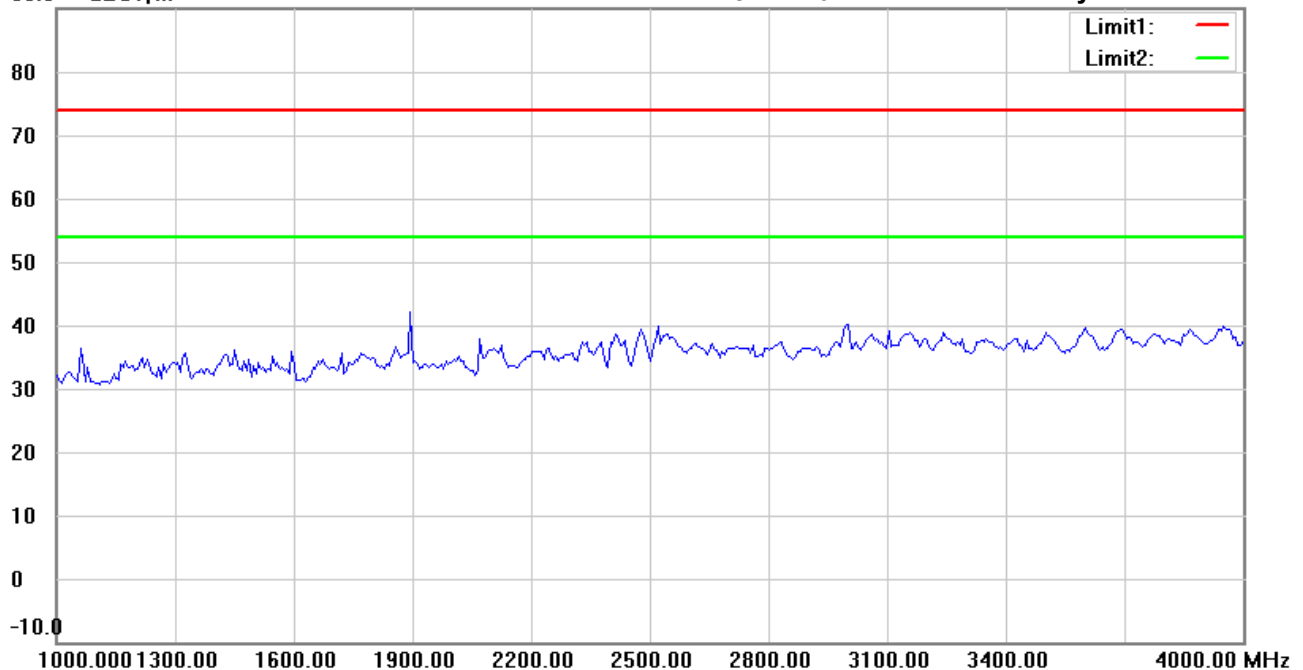
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 11:10:11 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

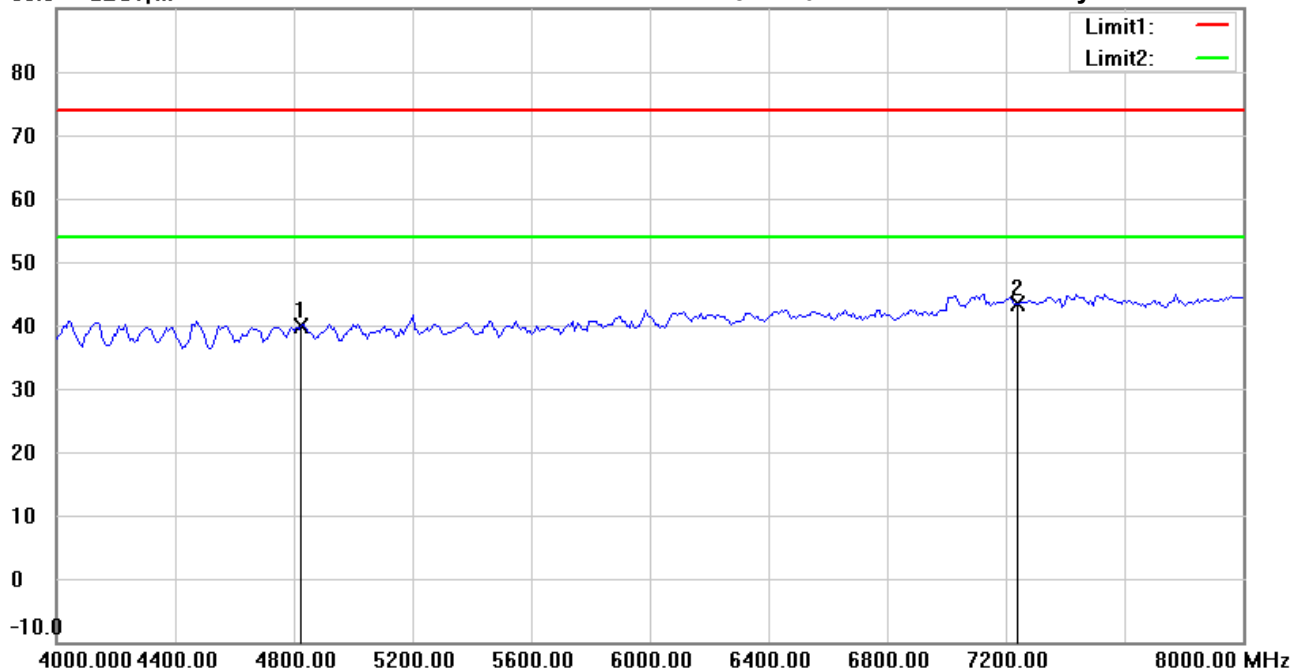
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:07:41 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 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
	4824.000	41.65	peak	-1.88	39.77	74.00	150	40	-34.23	
*	7236.000	40.03	peak	3.28	43.31	74.00	150	110	-30.69	

*: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: Vincent

File :3

Data :#7

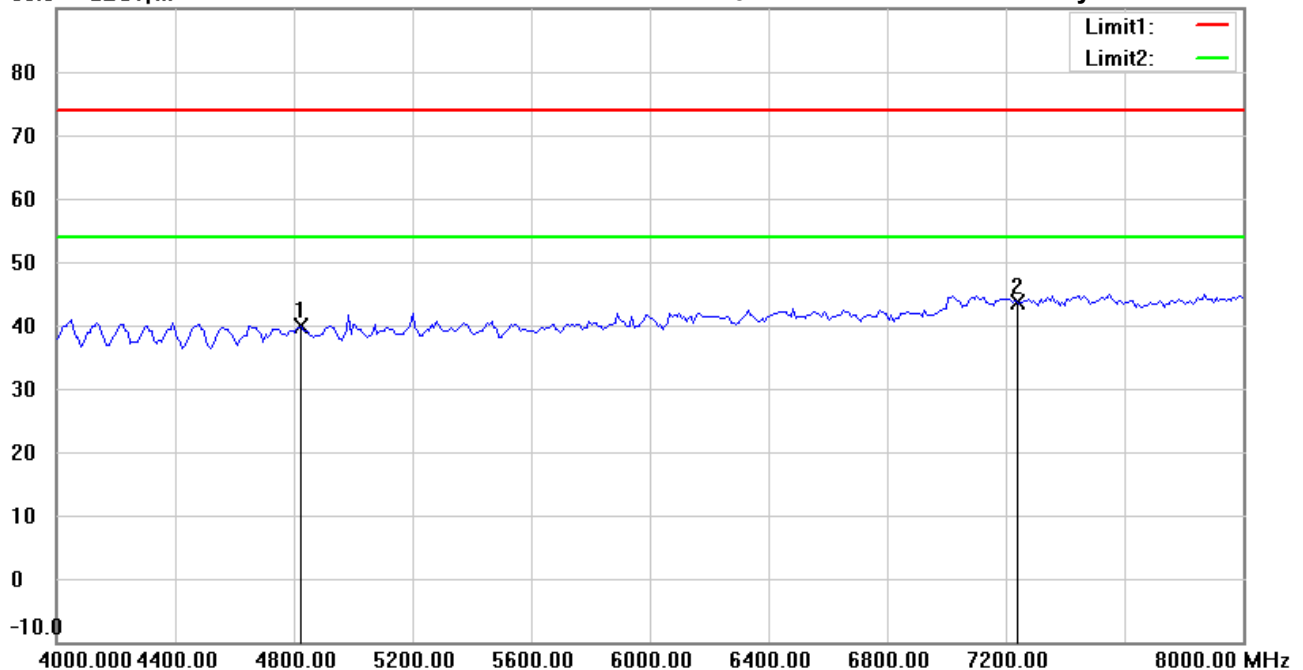
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:11:12 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 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
	4824.000	41.69	peak	-1.88	39.81	74.00	150	55	-34.19	
*	7236.000	40.39	peak	3.28	43.67	74.00	150	80	-30.33	

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



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

Operator: Vincent

File : 3

Data : #3

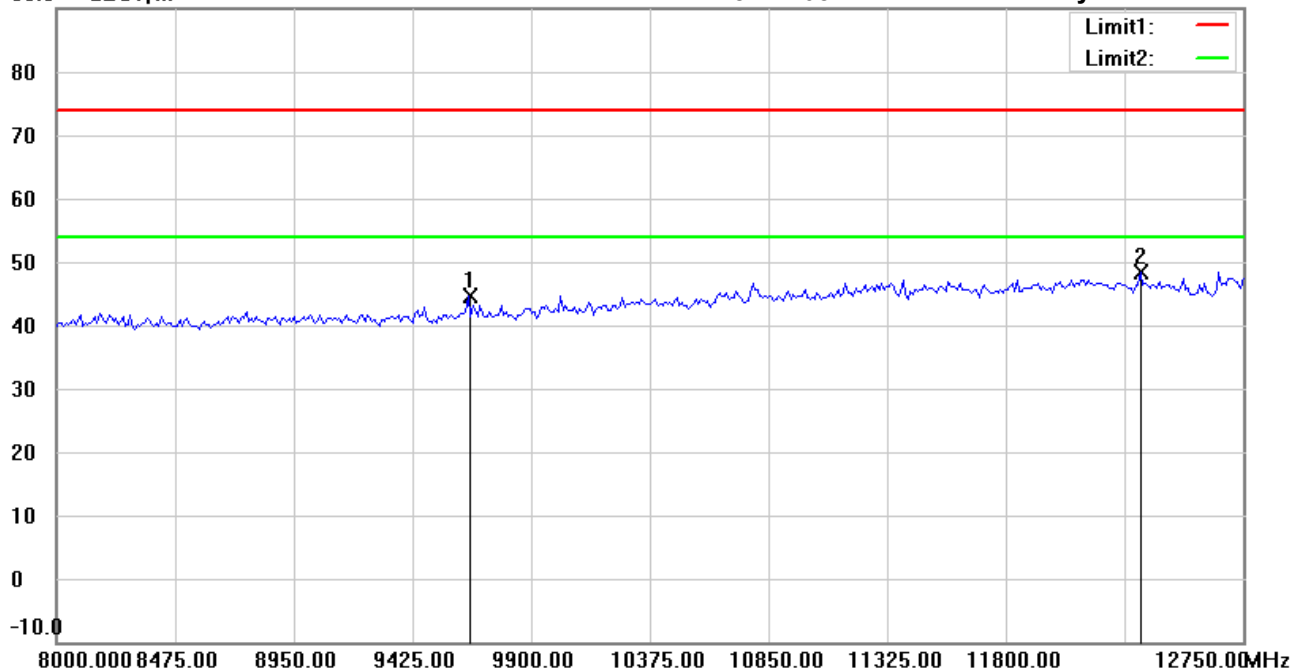
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:08:47 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 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
	9646.794	38.00	peak	6.60	44.60	74.00	150	150	-29.40	
*	12340.681	35.92	peak	12.38	48.30	74.00	150	280	-25.70	

*: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: Vincent

File :3

Data :#8

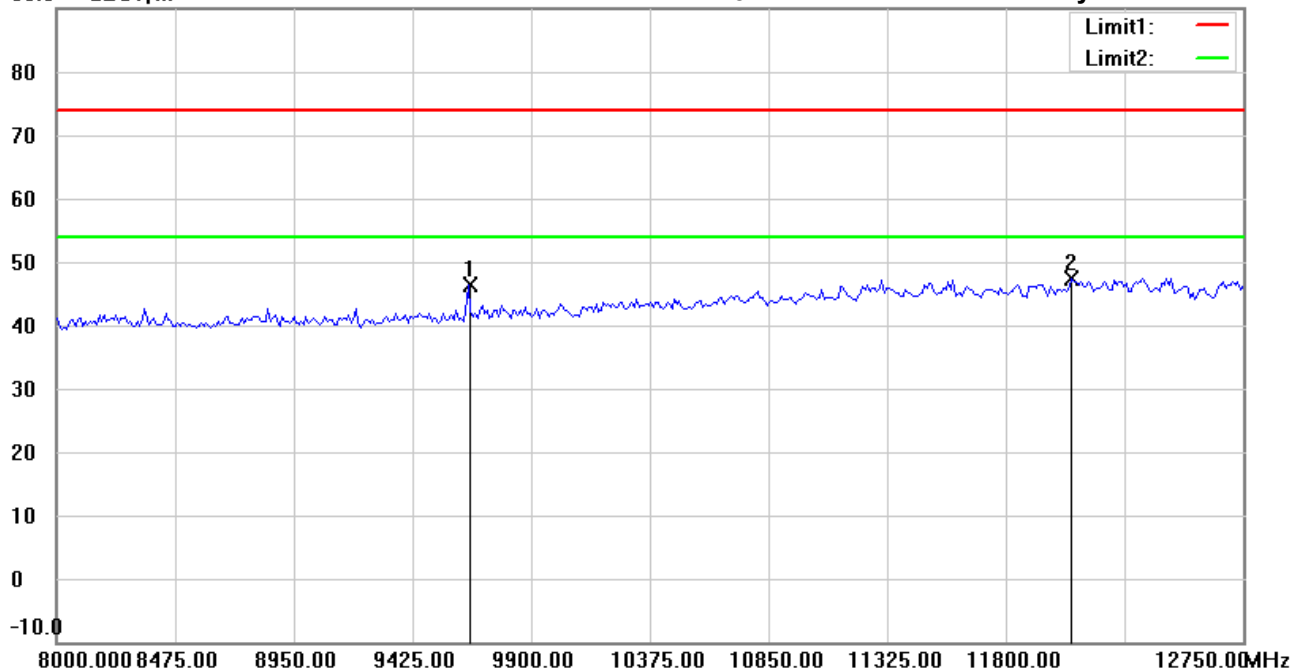
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:12:11 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 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
	9646.794	39.86	peak	6.60	46.46	74.00	150	265	-27.54	
*	12060.000	35.21	peak	12.21	47.42	74.00	150	195	-26.58	

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



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

Operator: Vincent

File :3

Data :#4

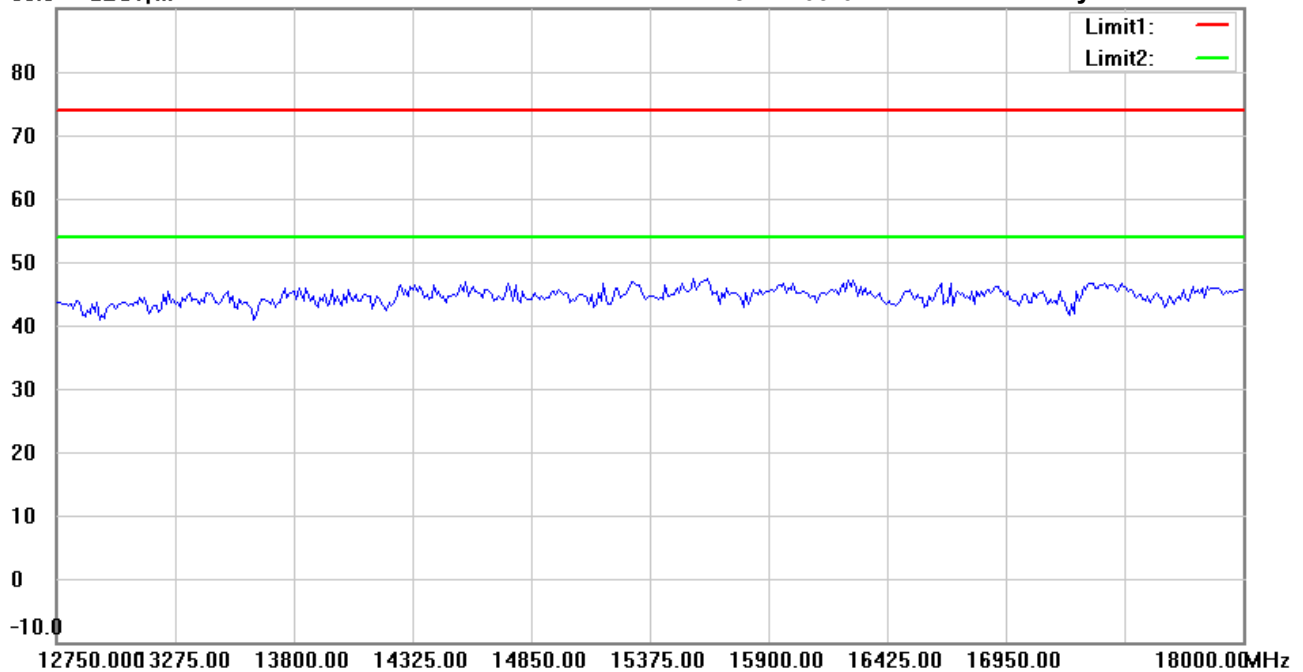
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:09:01 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 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
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

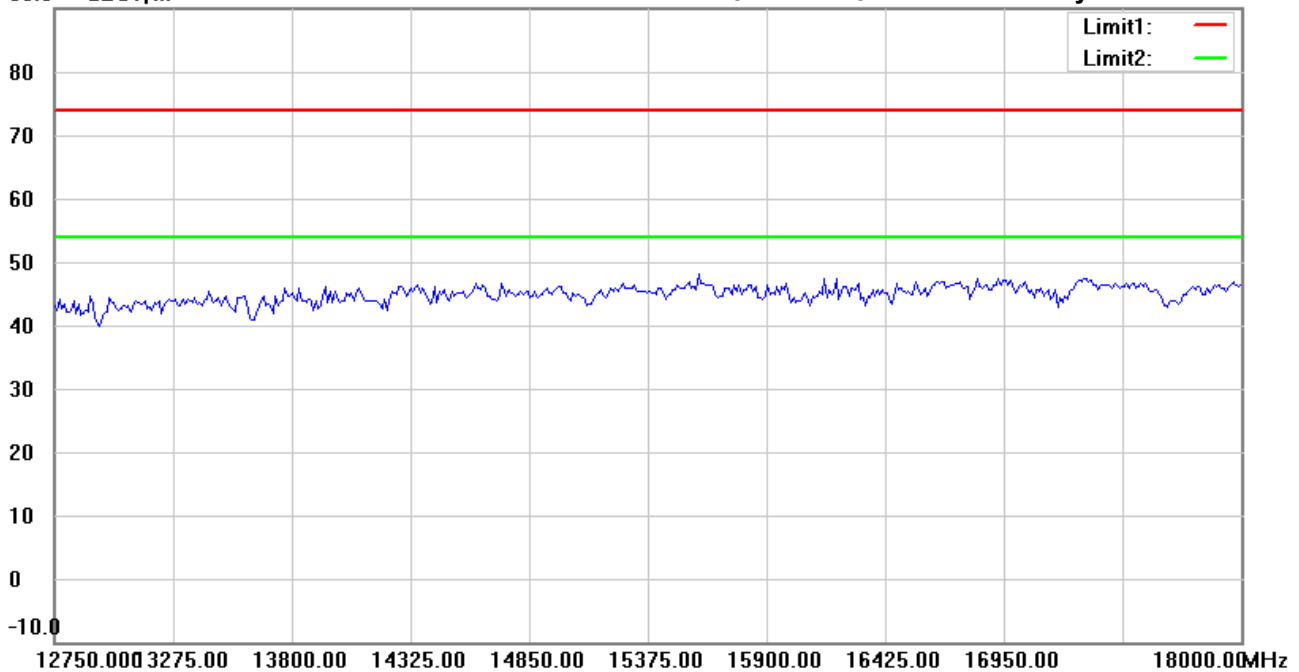
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:12:25 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 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
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

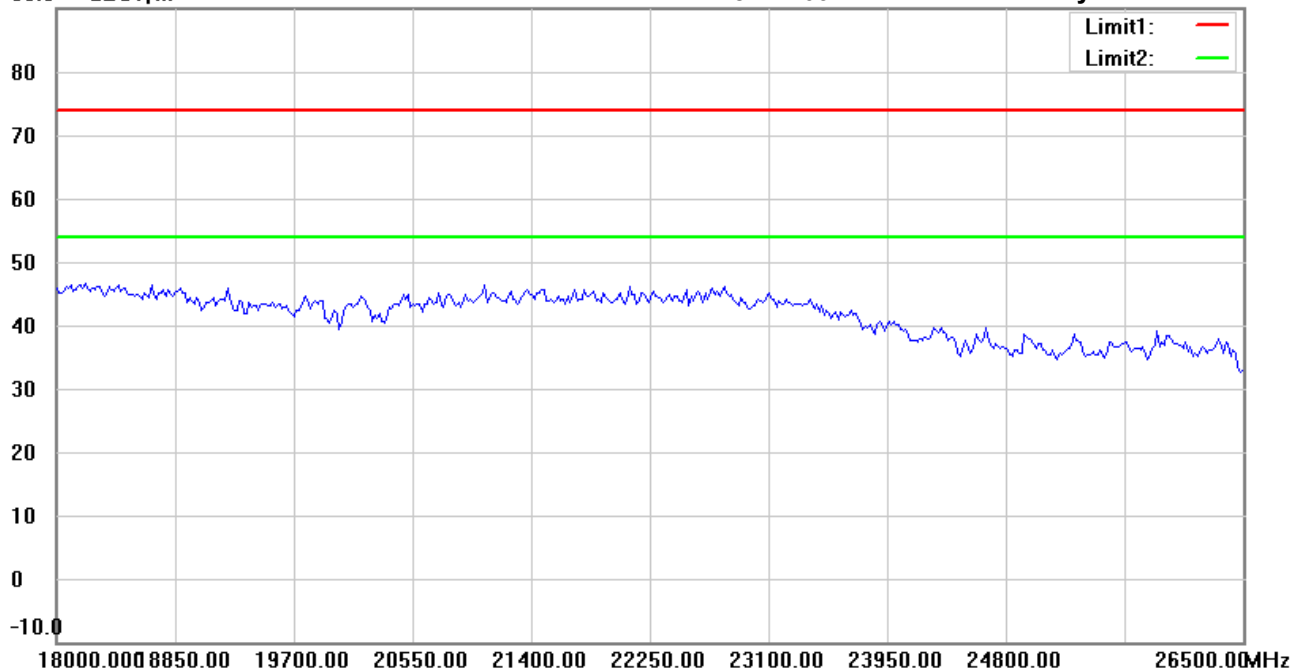
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:09:11 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 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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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

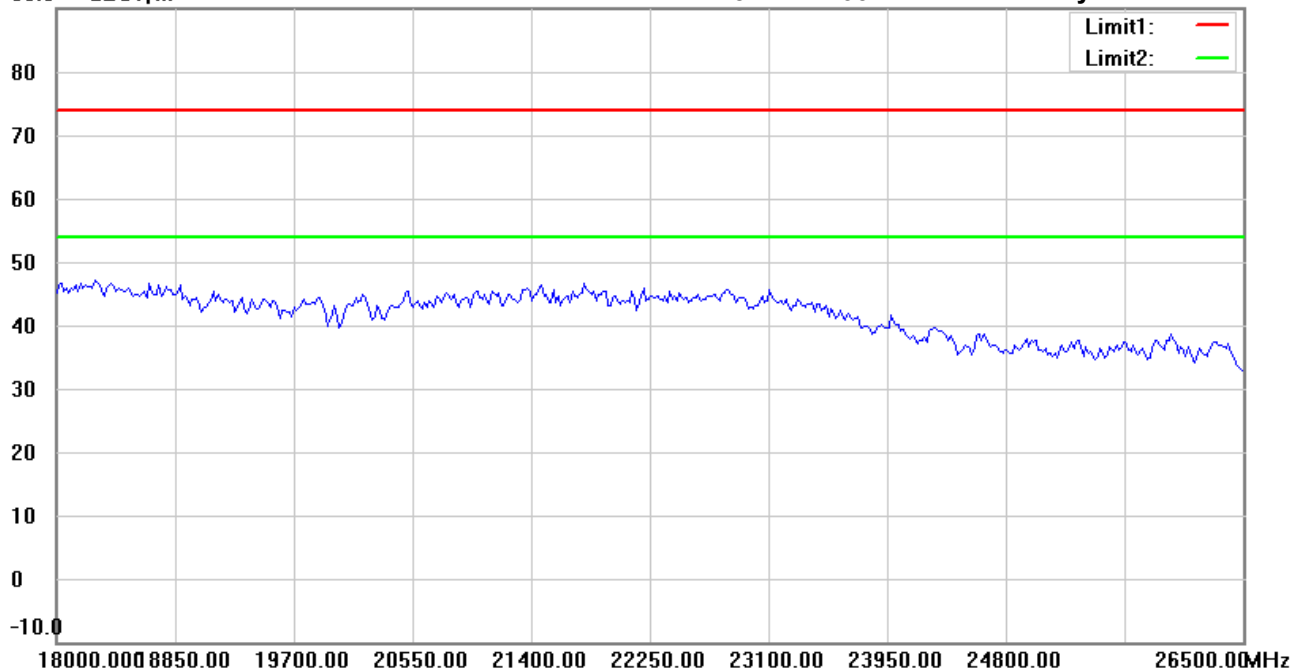
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:12:35 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 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
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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

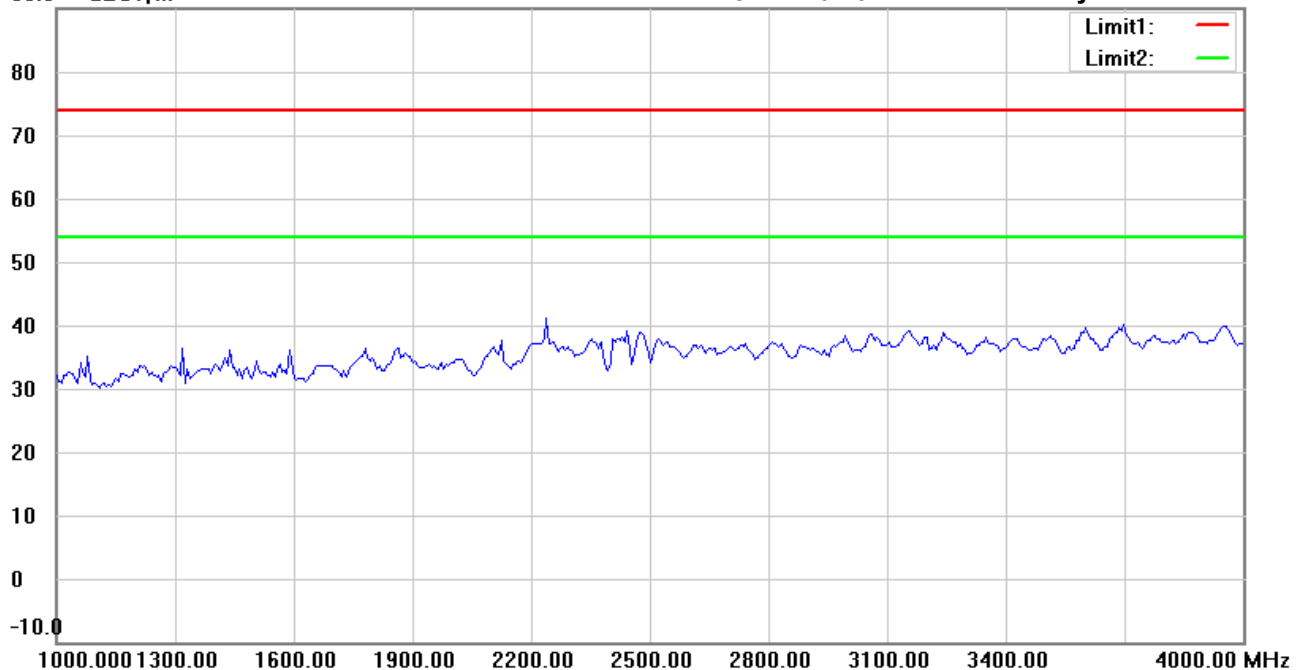
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:16:29 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

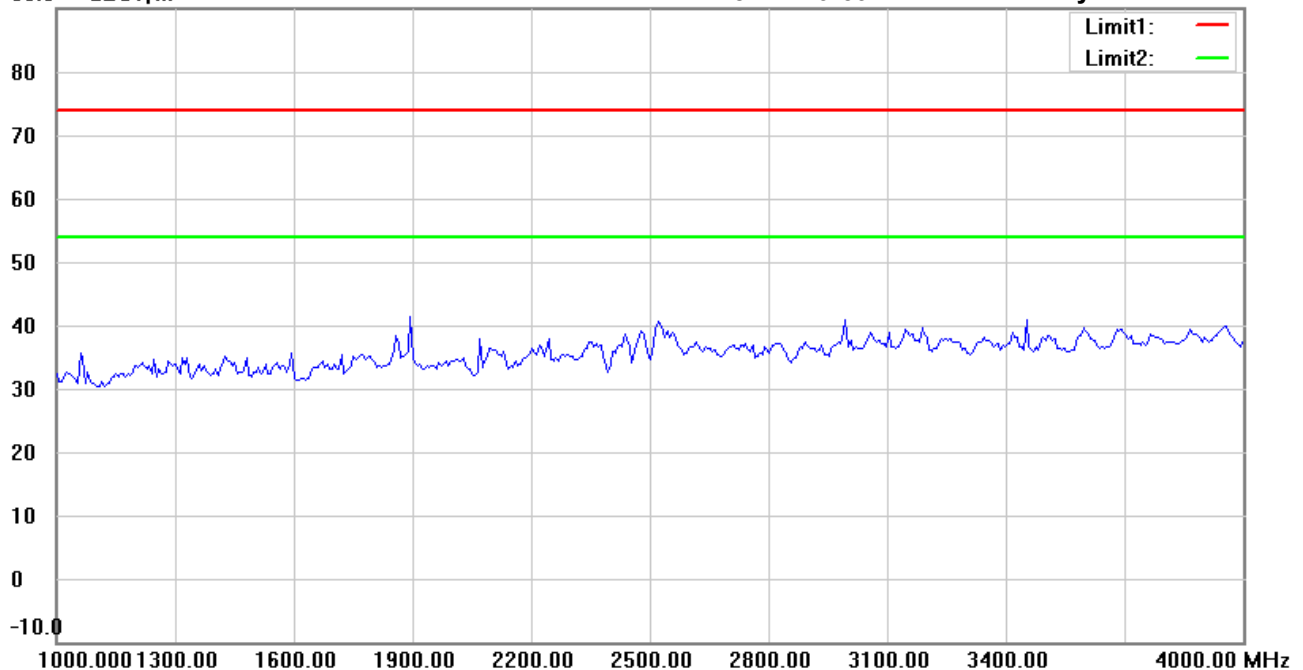
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:19:59 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Vincent

File :3

Data :#2

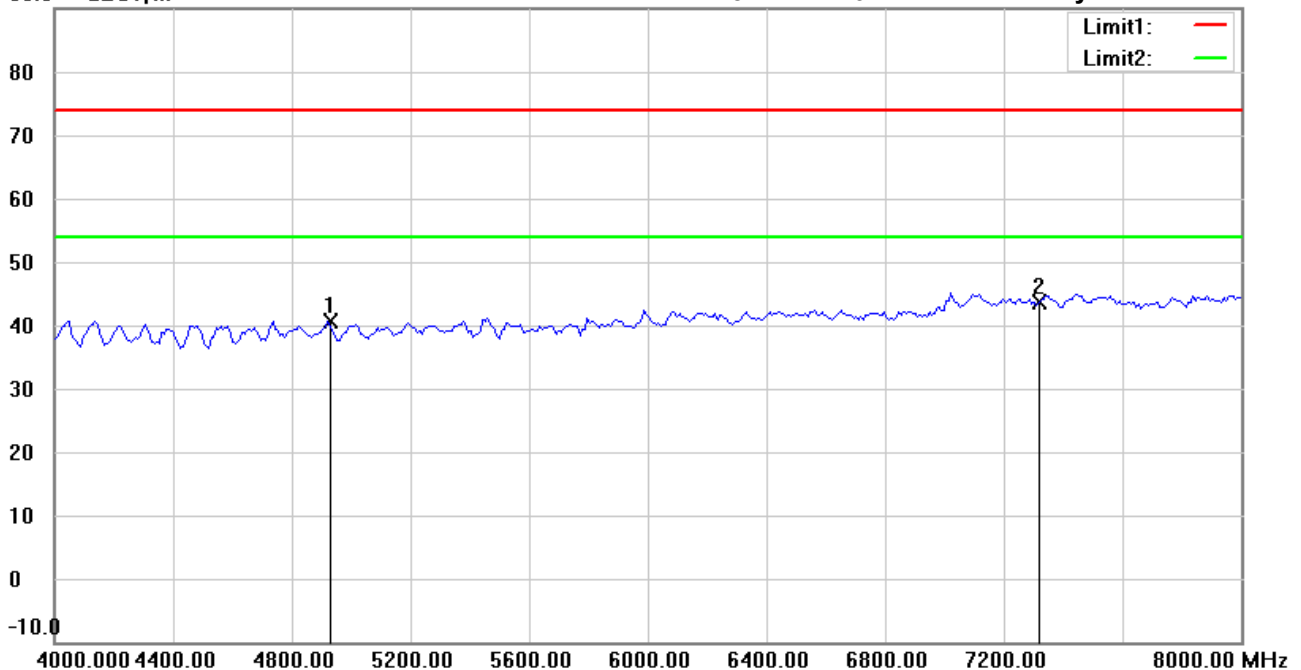
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:17:29 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4921.844	42.12	peak	-1.52	40.60	74.00	150	240	-33.40	
*	7311.000	40.09	peak	3.42	43.51	74.00	150	130	-30.49	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

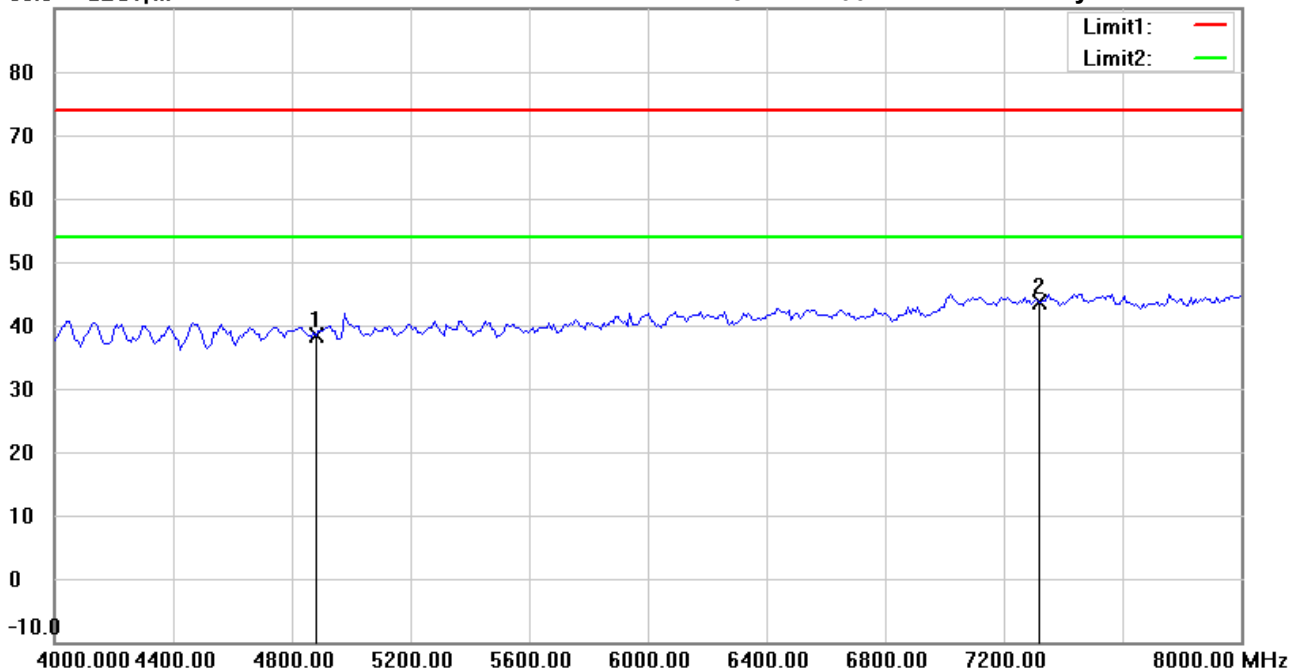
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:21:00 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	40.05	peak	-1.70	38.35	74.00	150	225	-35.65	
*	7311.000	40.15	peak	3.42	43.57	74.00	150	180	-30.43	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

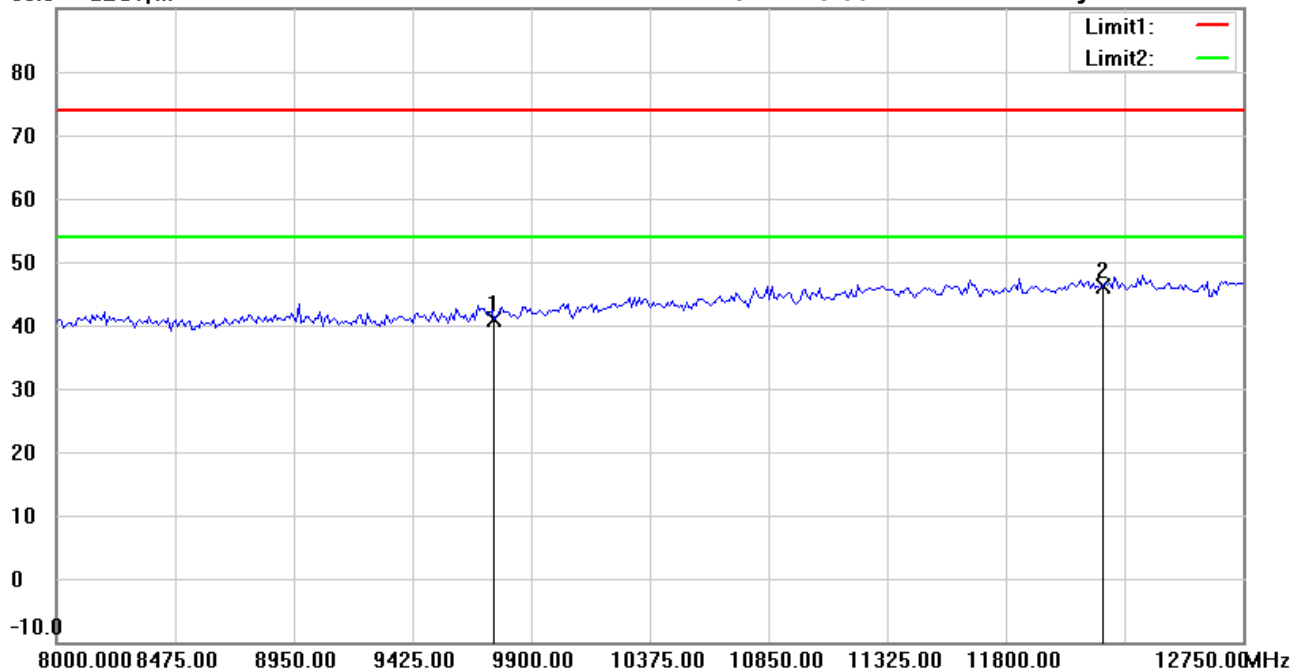
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:18:36 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.06	peak	6.75	40.81	74.00	150	40	-33.19	
*	12185.000	33.28	peak	12.83	46.11	74.00	150	215	-27.89	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

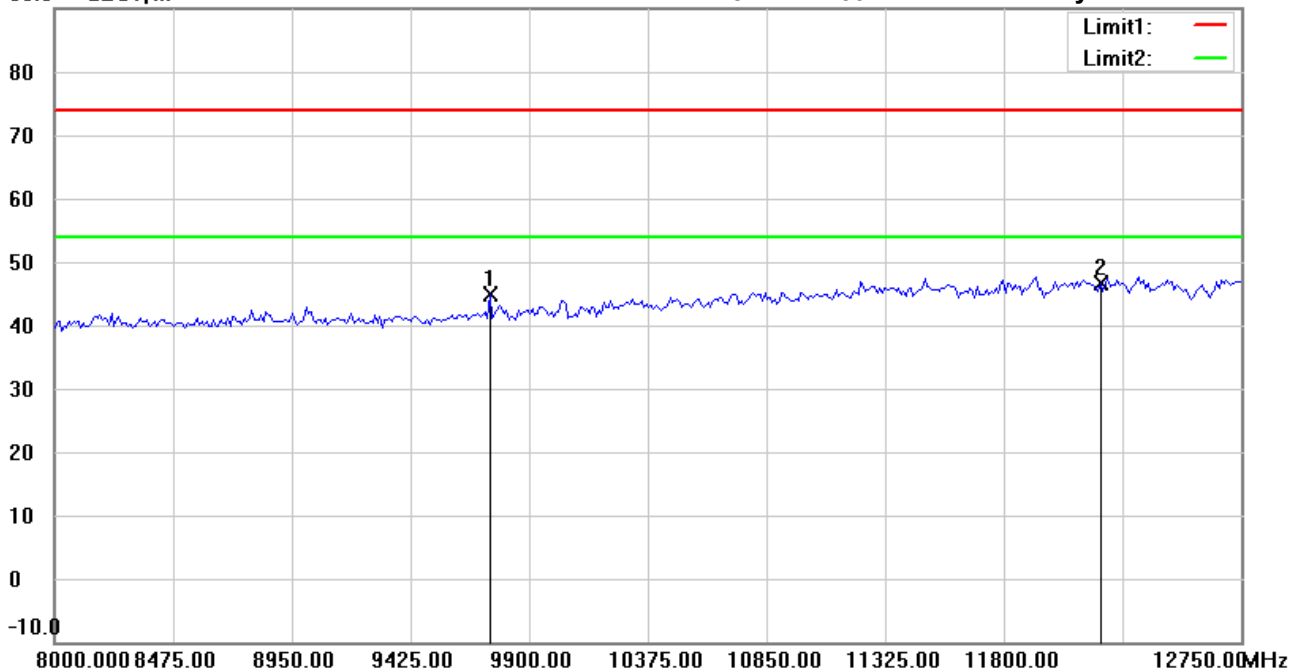
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:21:59 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9741.984	38.04	peak	6.74	44.78	74.00	150	225	-29.22	
*	12185.000	33.73	peak	12.83	46.56	74.00	150	40	-27.44	

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



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

Operator: Vincent

File :3

Data :#4

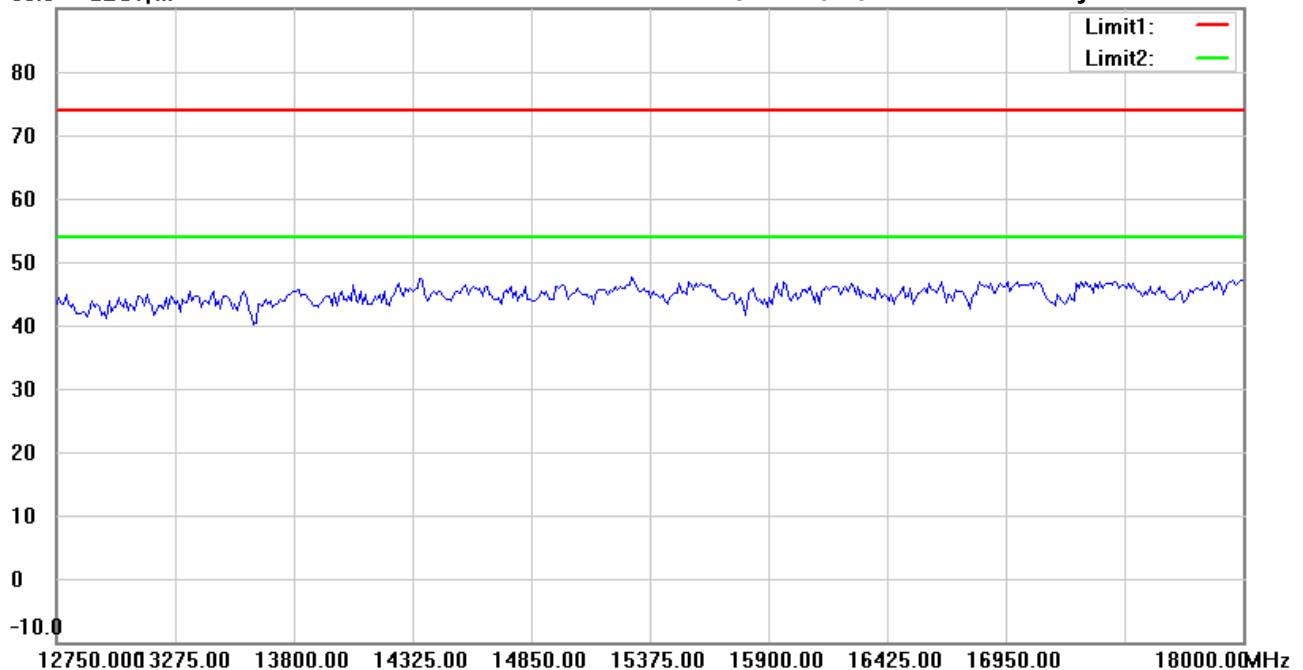
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:18:49 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#9

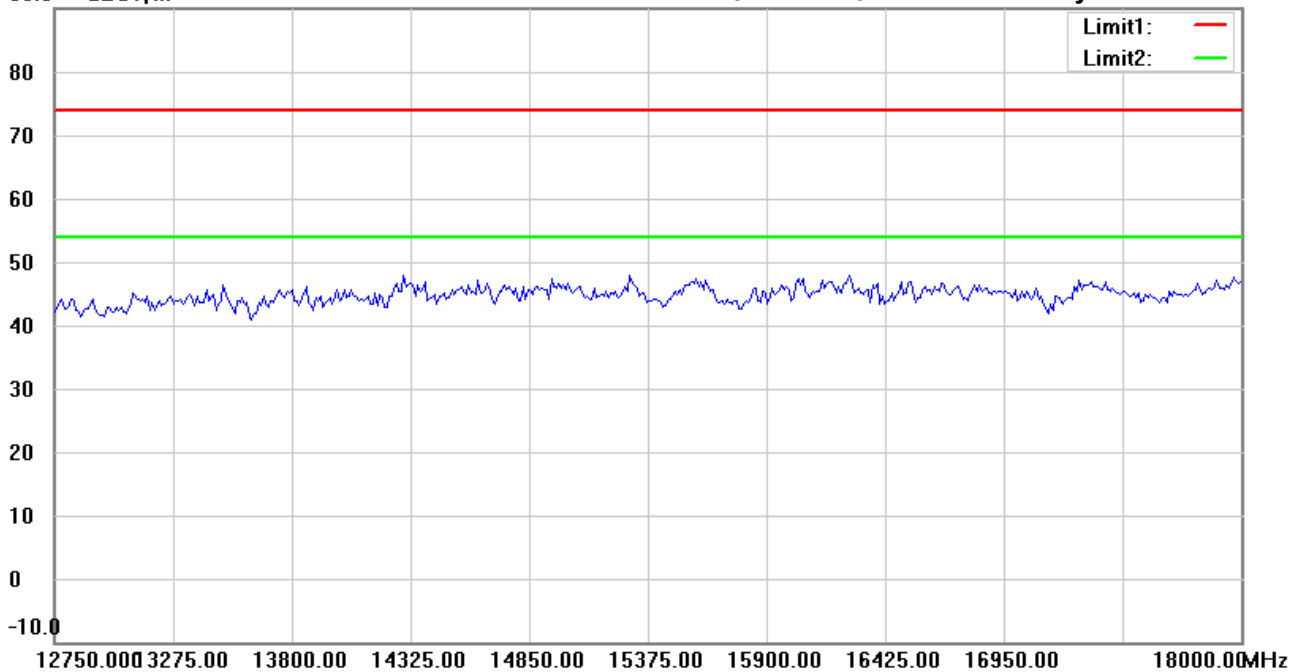
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 11:22:13 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

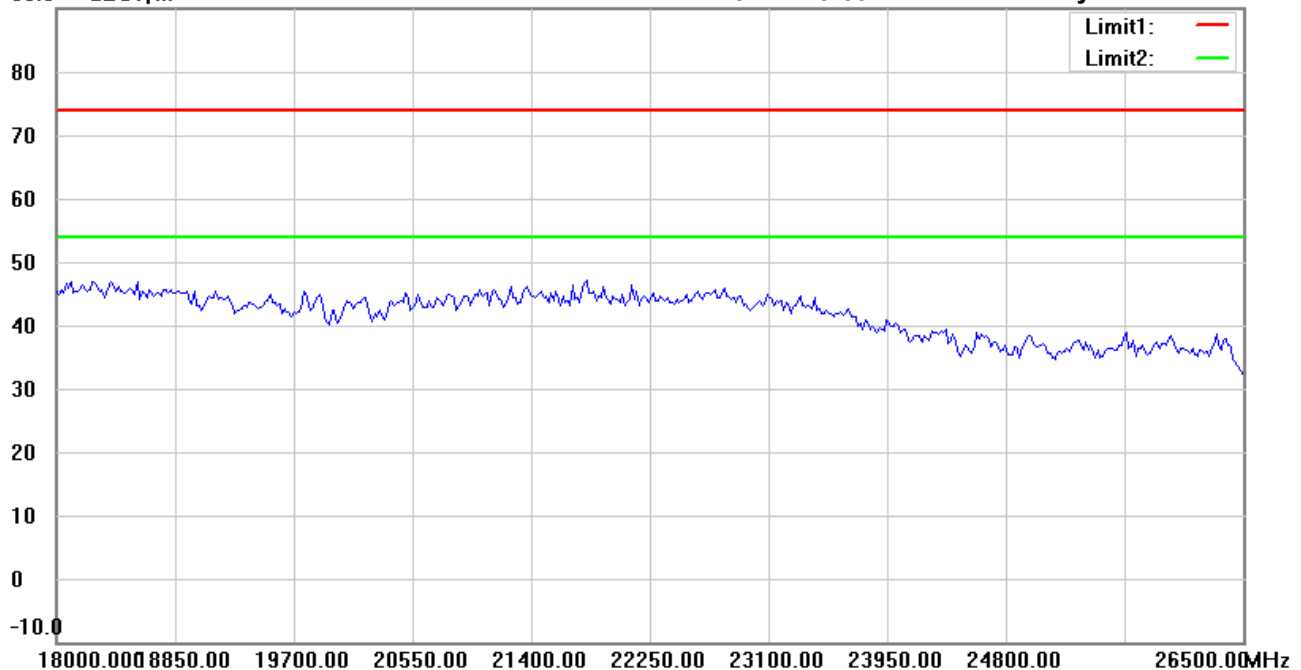
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:18:59 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #10

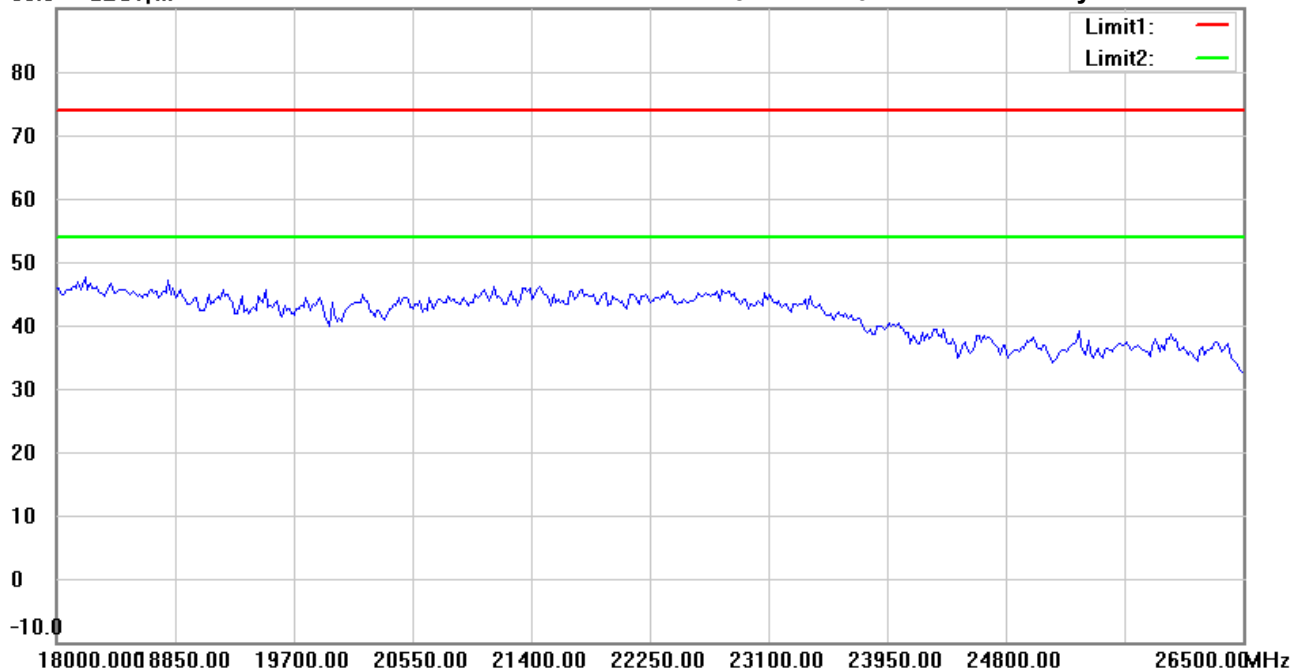
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:22:23 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

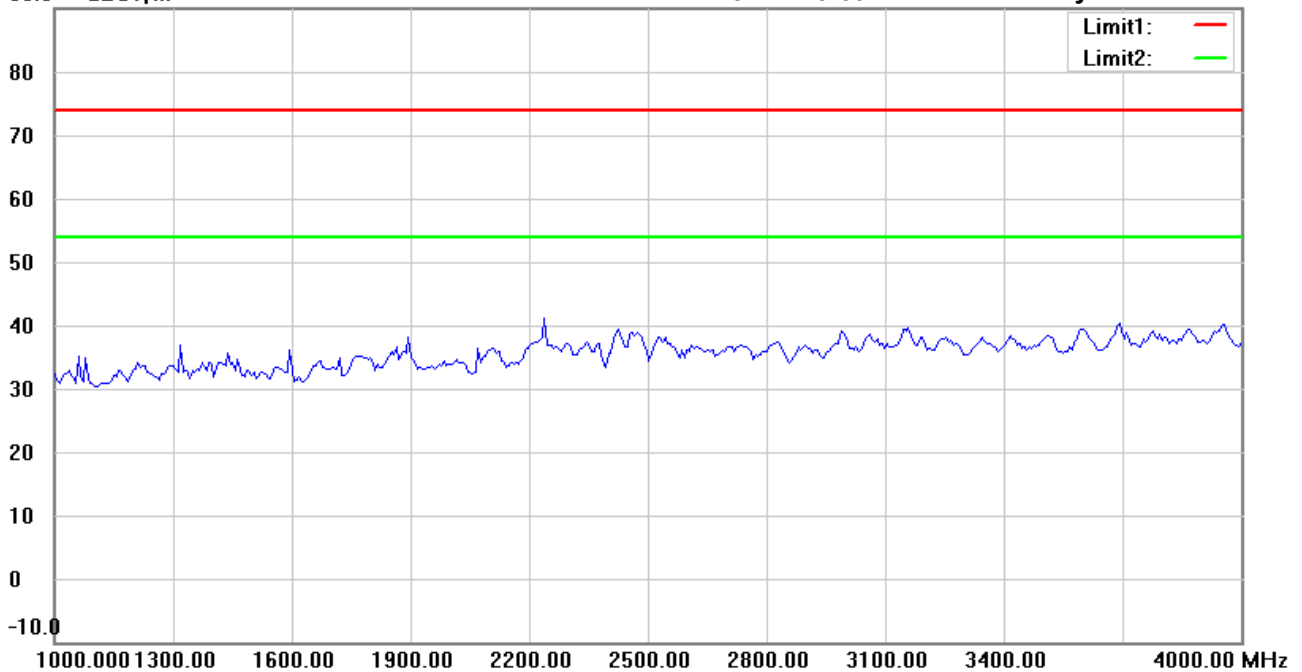
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:25:59 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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



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

Operator: Vincent

File : 3

Data : #6

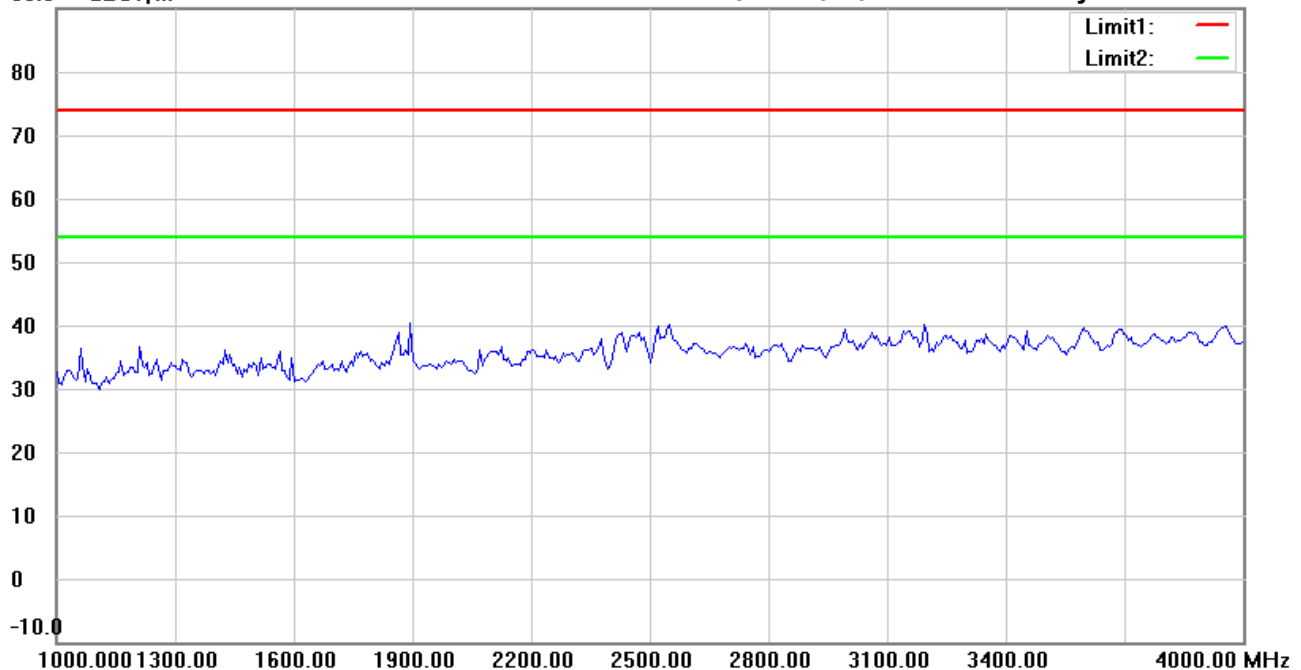
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:29:29 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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

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



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

Operator: Vincent

File :3

Data :#2

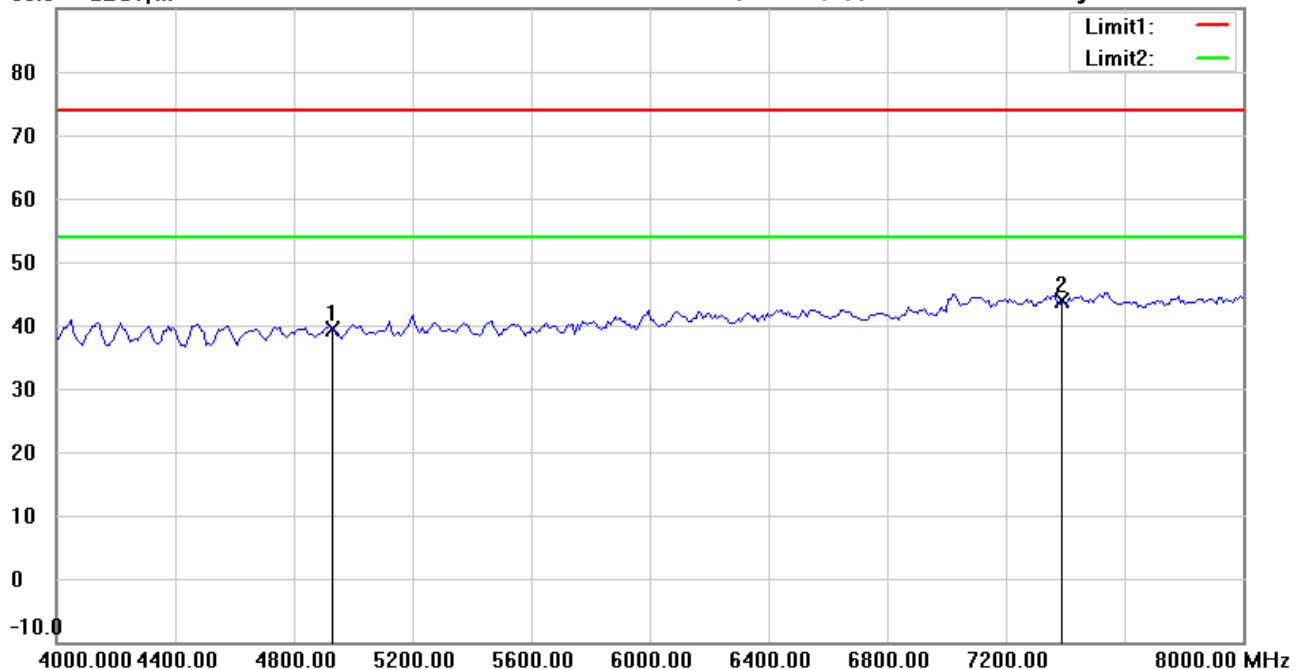
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:26:59 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	40.89	peak	-1.51	39.38	74.00	150	60	-34.62	
*	7386.000	40.14	peak	3.72	43.86	74.00	150	280	-30.14	

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



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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

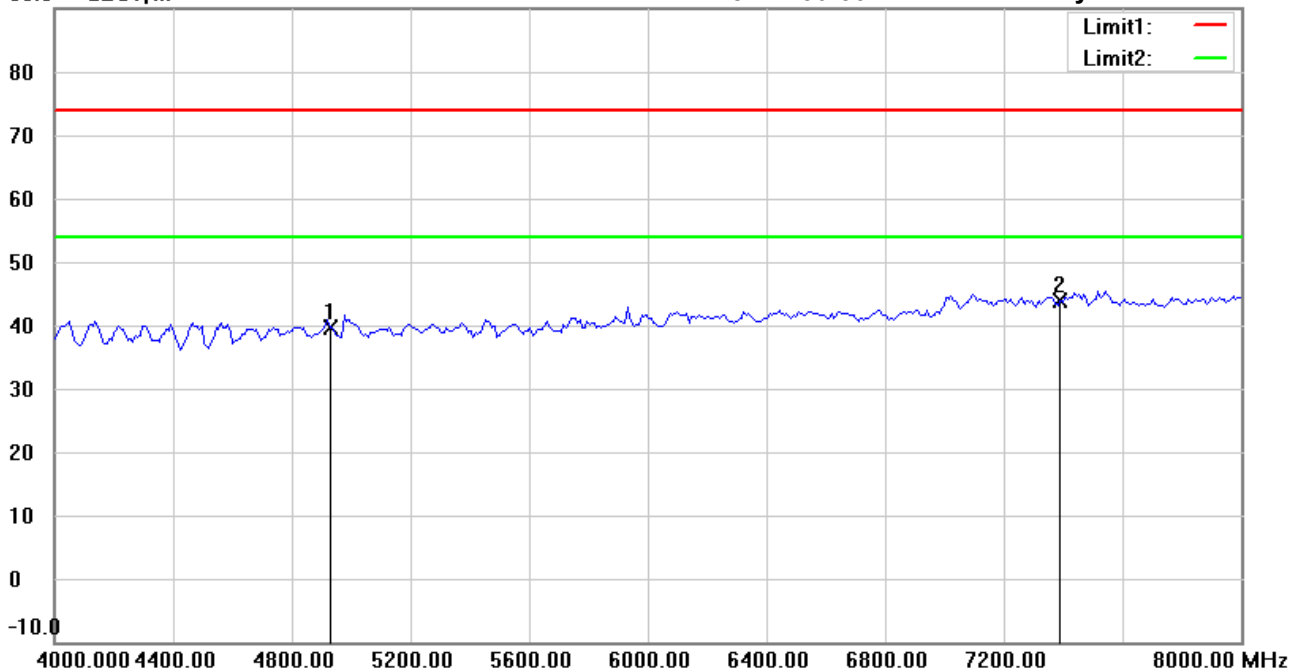
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:30:30 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	41.06	peak	-1.51	39.55	74.00	150	315	-34.45	
*	7386.000	40.27	peak	3.72	43.99	74.00	150	240	-30.01	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

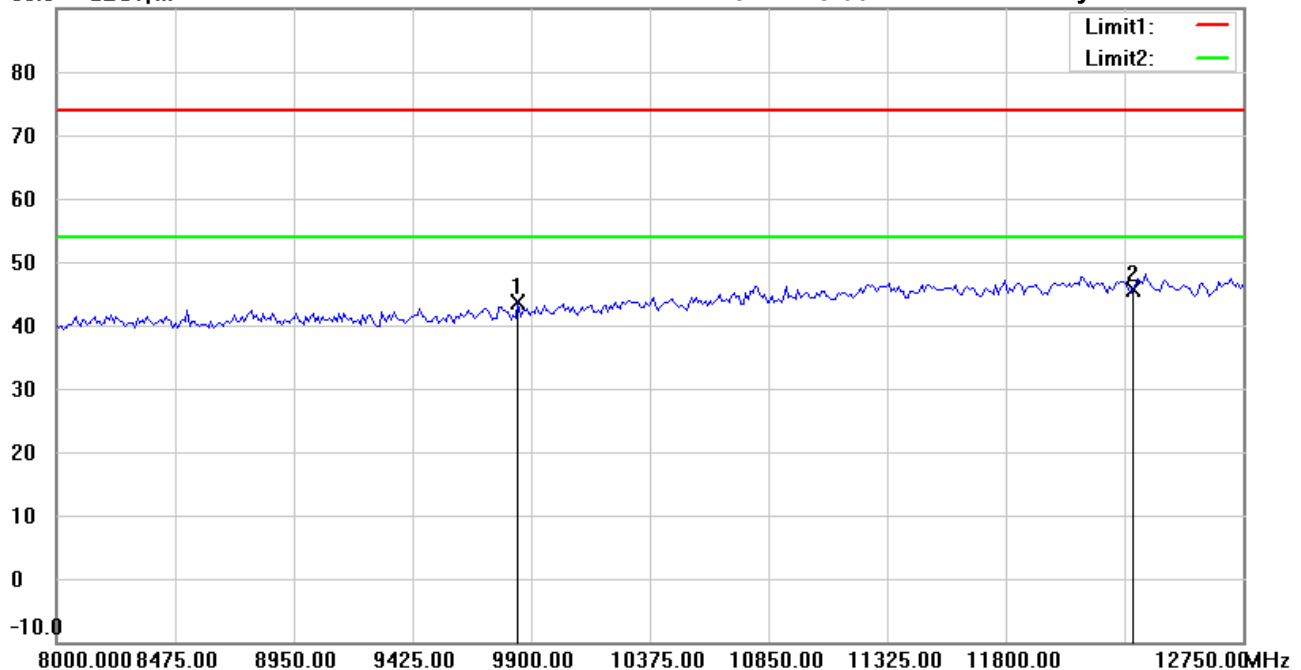
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:28:06 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9846.693	36.60	peak	6.95	43.55	74.00	150	225	-30.45	
*	12310.000	33.37	peak	12.18	45.55	74.00	150	210	-28.45	

*: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: Vincent

File : 3

Data : #8

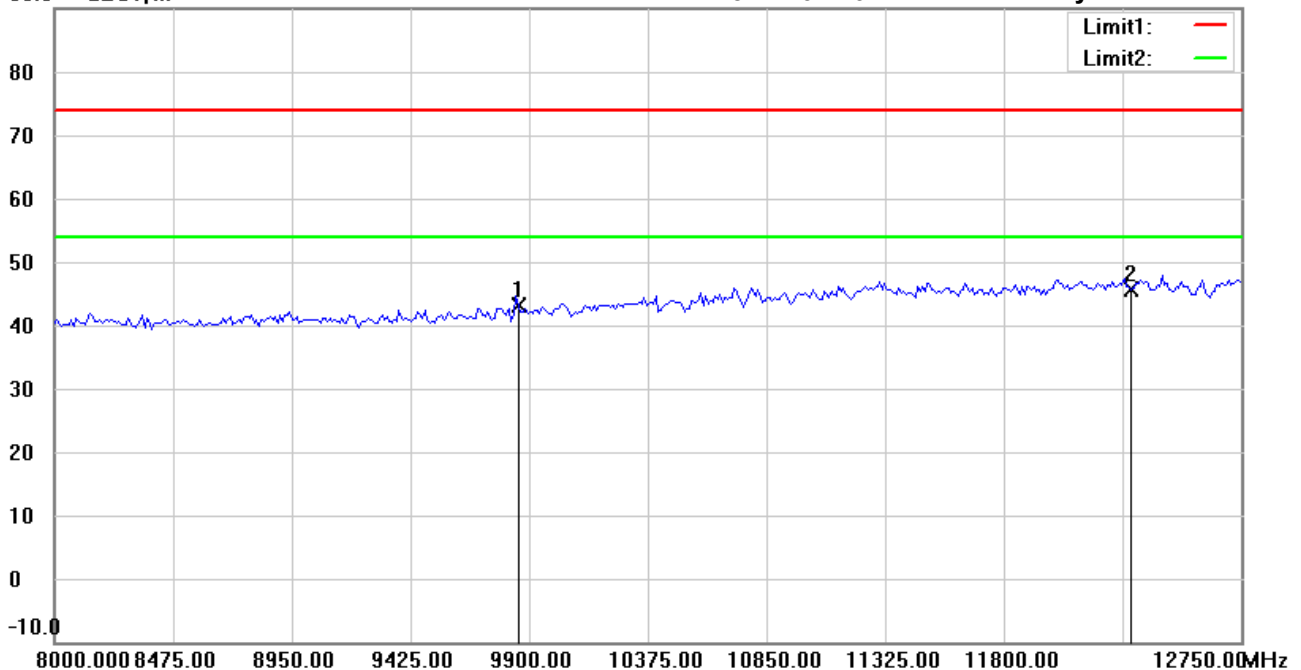
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:31:29 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	36.24	peak	6.96	43.20	74.00	150	215	-30.80	
*	12310.000	33.42	peak	12.18	45.60	74.00	150	250	-28.40	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #4

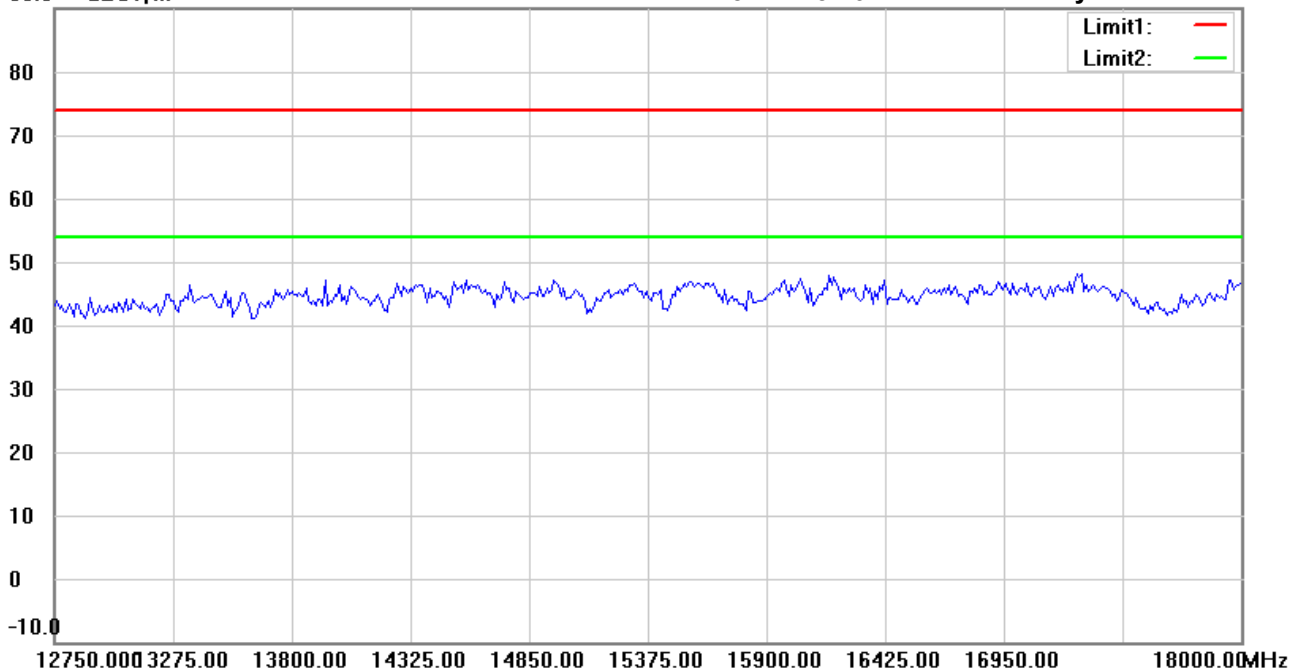
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:28:19 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#9

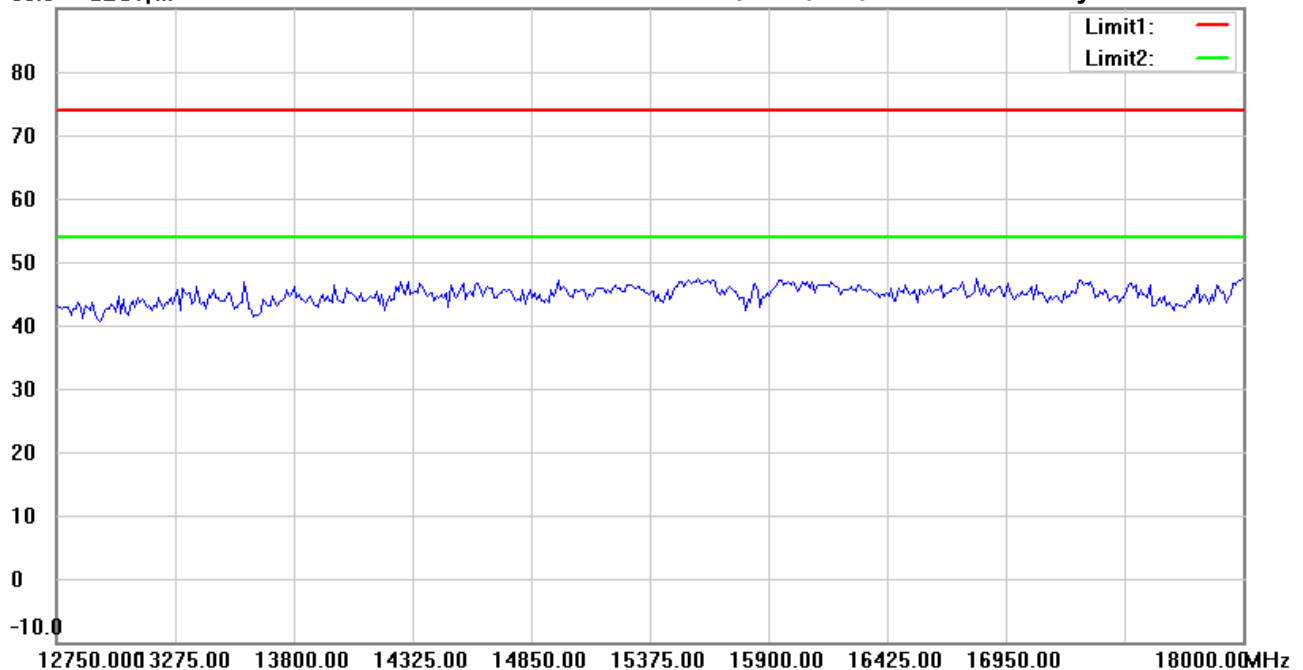
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:31:43 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Vincent

File : 3

Data : #5

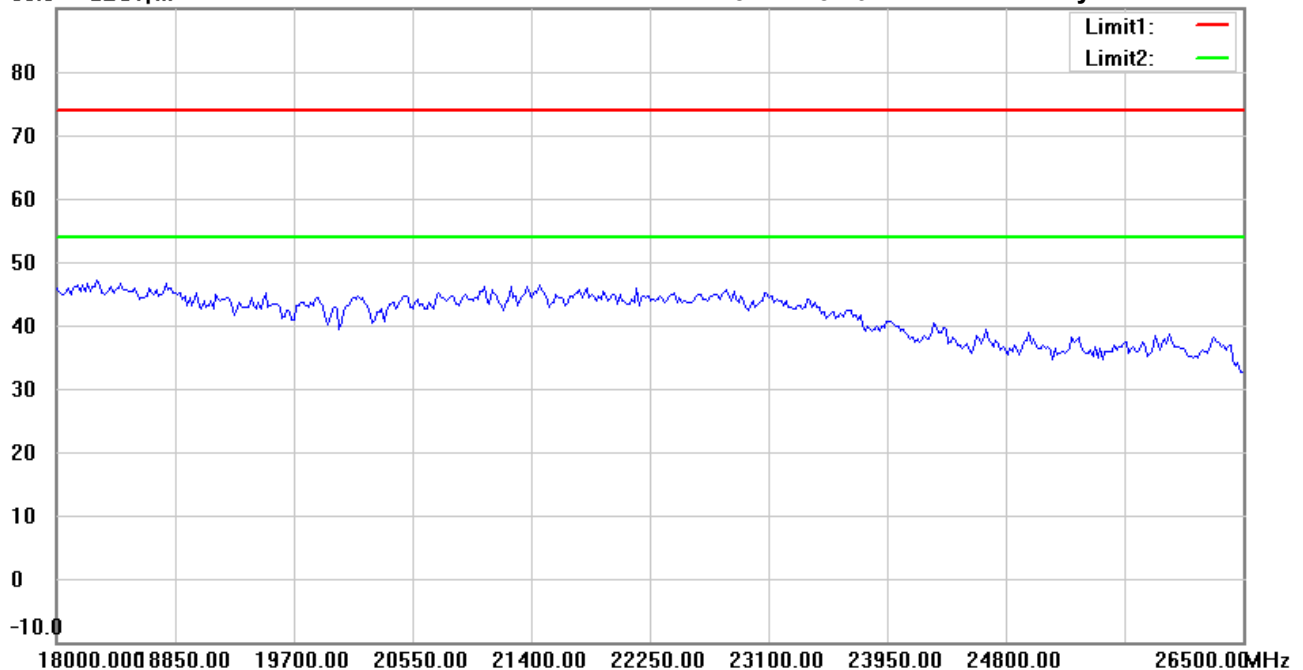
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:28:29 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

File :3

Data :#10

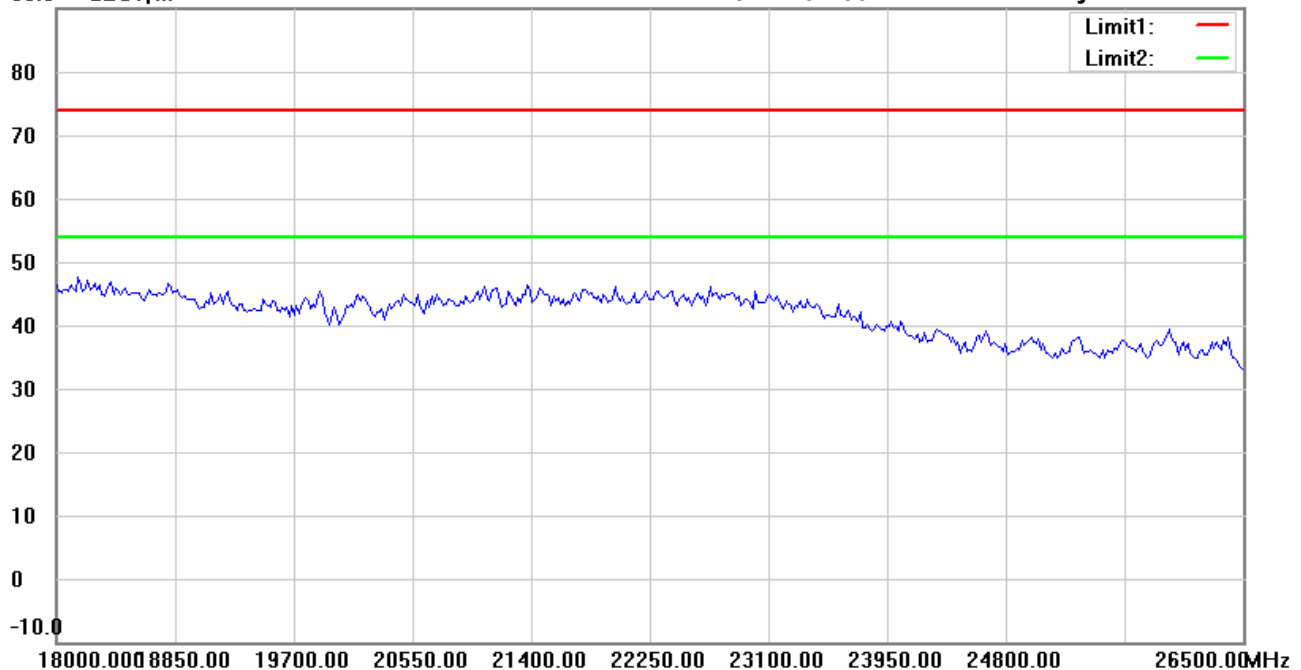
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:31:53 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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



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

Operator: Vincent

File : 3

Data : #1

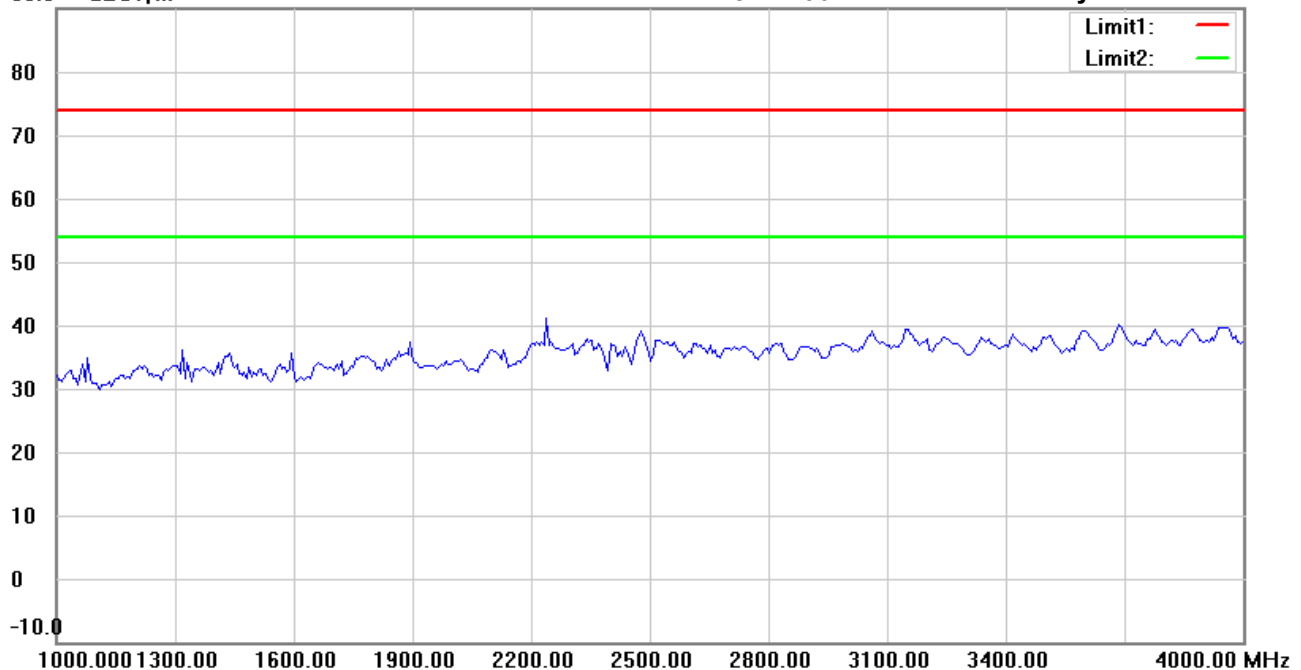
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:36:12 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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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Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#6

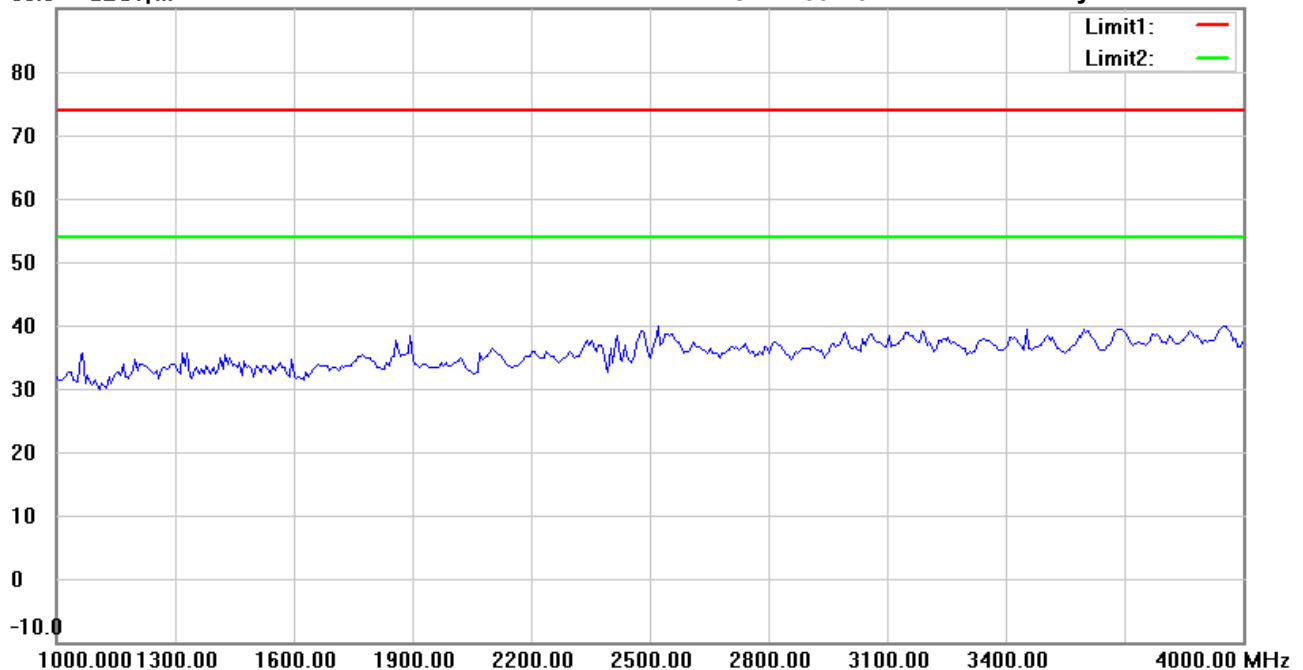
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:39:43 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Vincent

File : 3

Data : #2

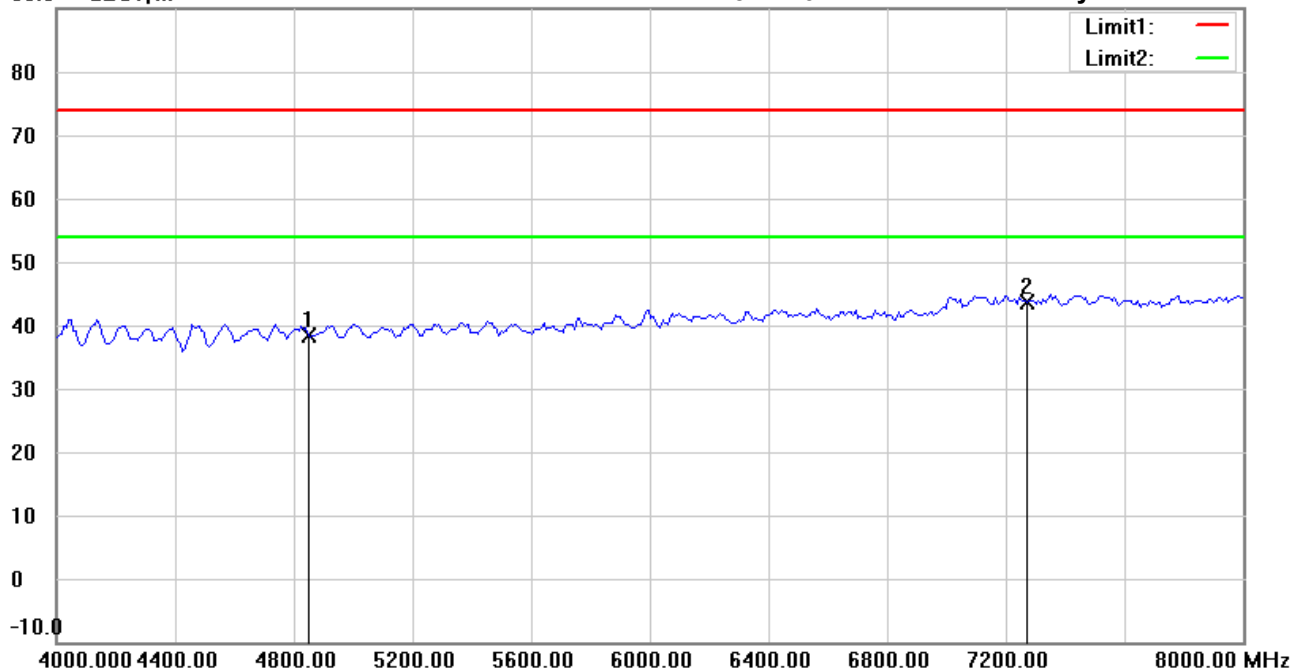
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:37:12 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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
	4844.000	40.22	peak	-1.81	38.41	74.00	150	110	-35.59	
*	7266.000	40.43	peak	3.32	43.75	74.00	150	240	-30.25	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

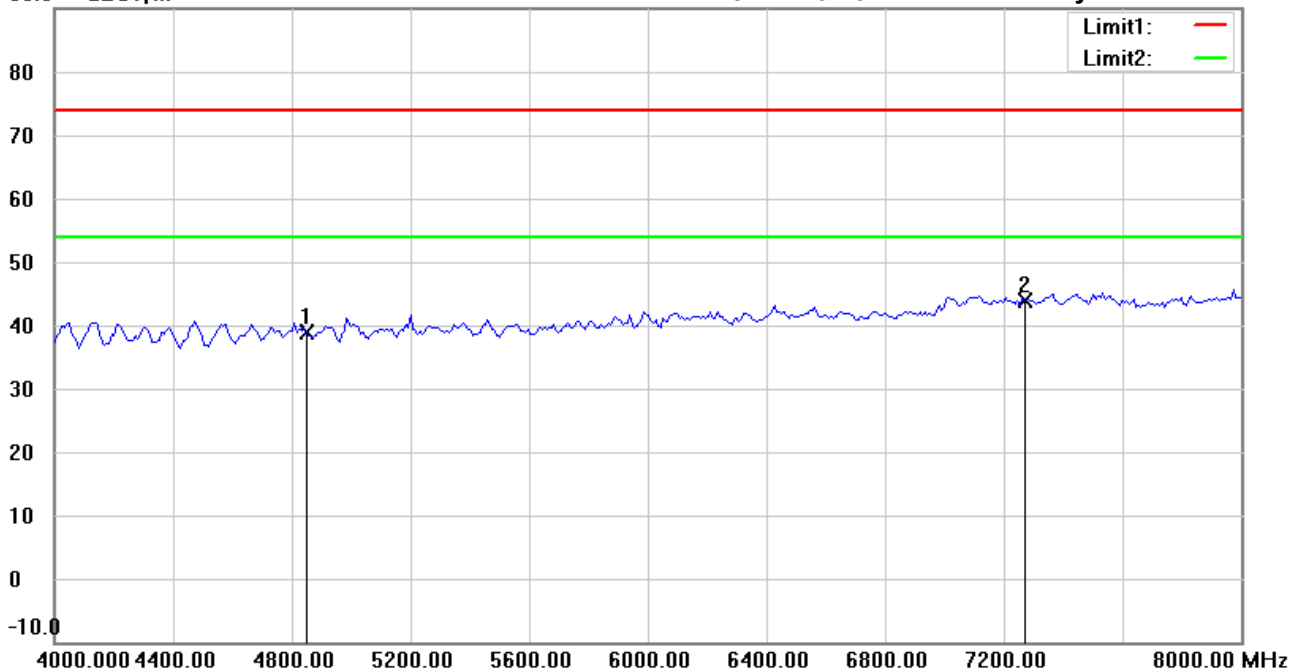
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:40:43 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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
	4844.000	40.63	peak	-1.81	38.82	74.00	150	90	-35.18	
*	7266.000	40.49	peak	3.32	43.81	74.00	150	110	-30.19	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

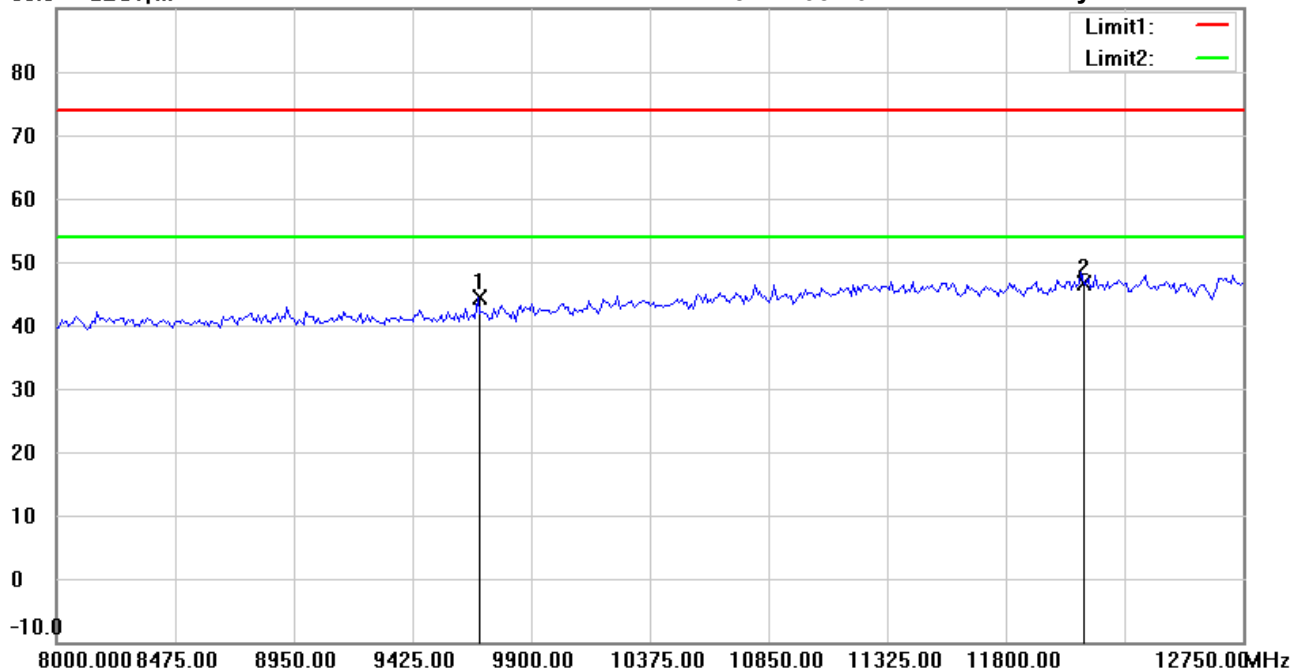
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:38:19 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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
	9684.870	37.61	peak	6.66	44.27	74.00	150	190	-29.73	
*	12110.000	33.87	peak	12.71	46.58	74.00	150	220	-27.42	

*: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: Vincent

File :3

Data :#8

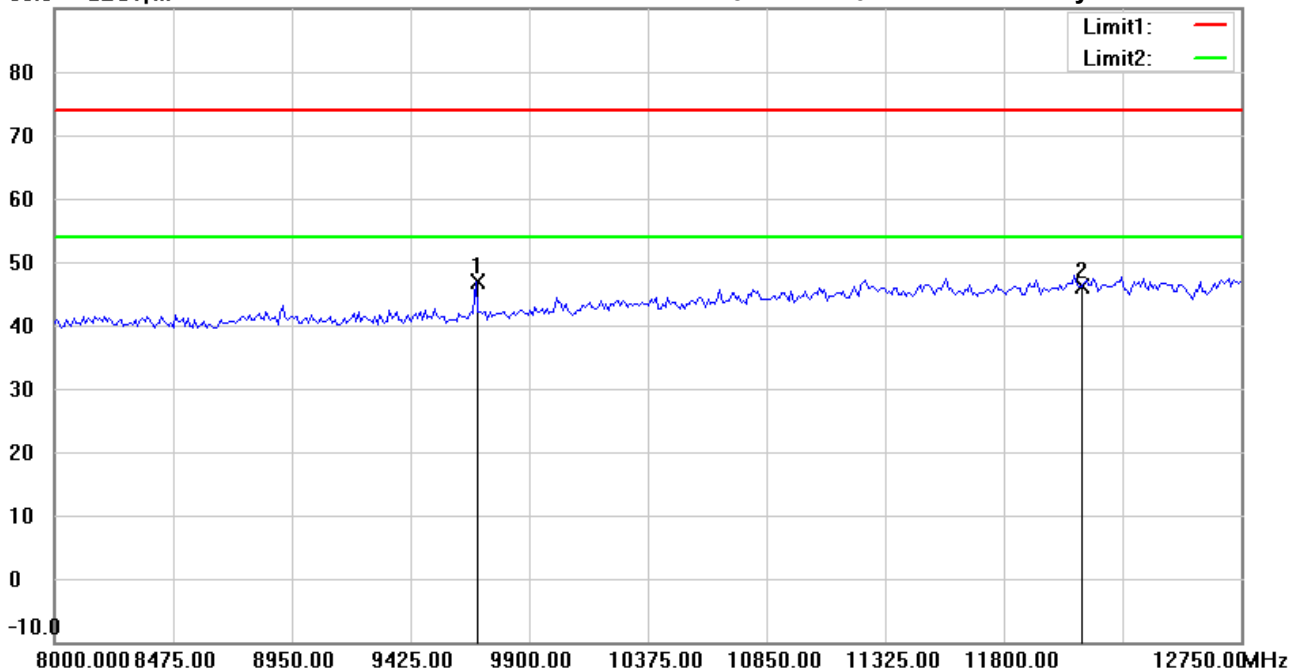
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:41:43 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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
*	9684.870	40.19	peak	6.66	46.85	74.00	150	160	-27.15	
	12110.000	33.54	peak	12.71	46.25	74.00	150	235	-27.75	

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



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

Operator: Vincent

File :3

Data :#4

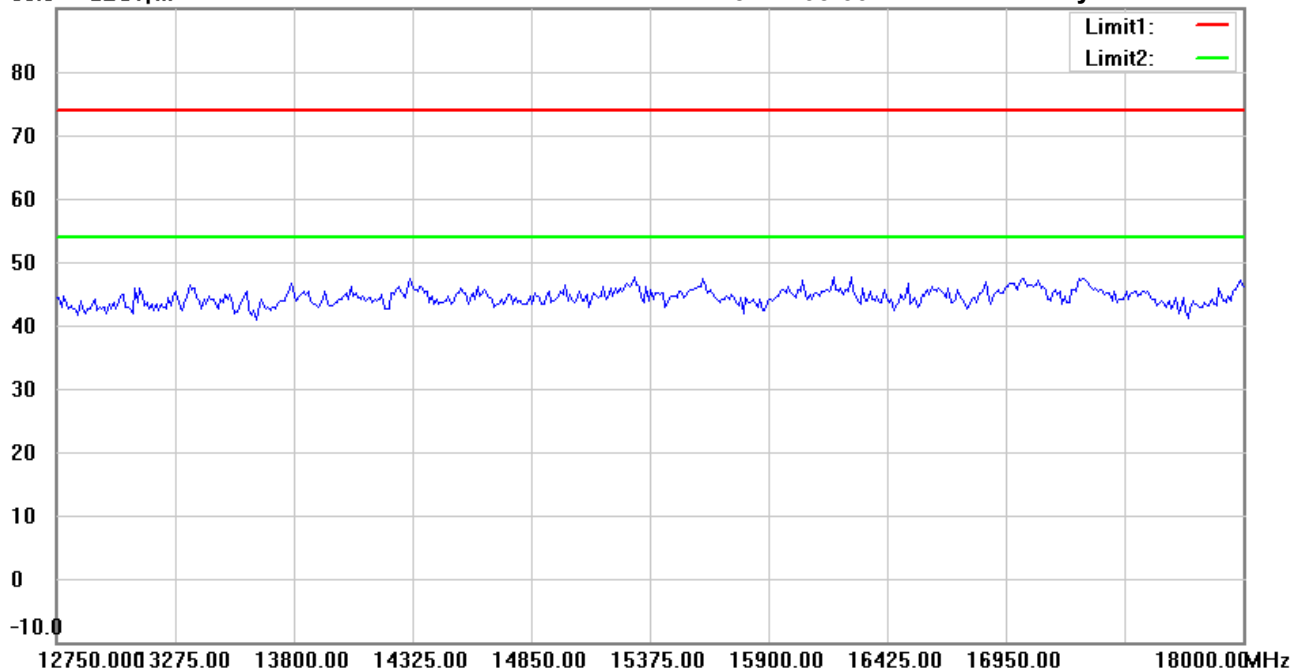
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:38:33 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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



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

Operator: Vincent

File : 3

Data : #9

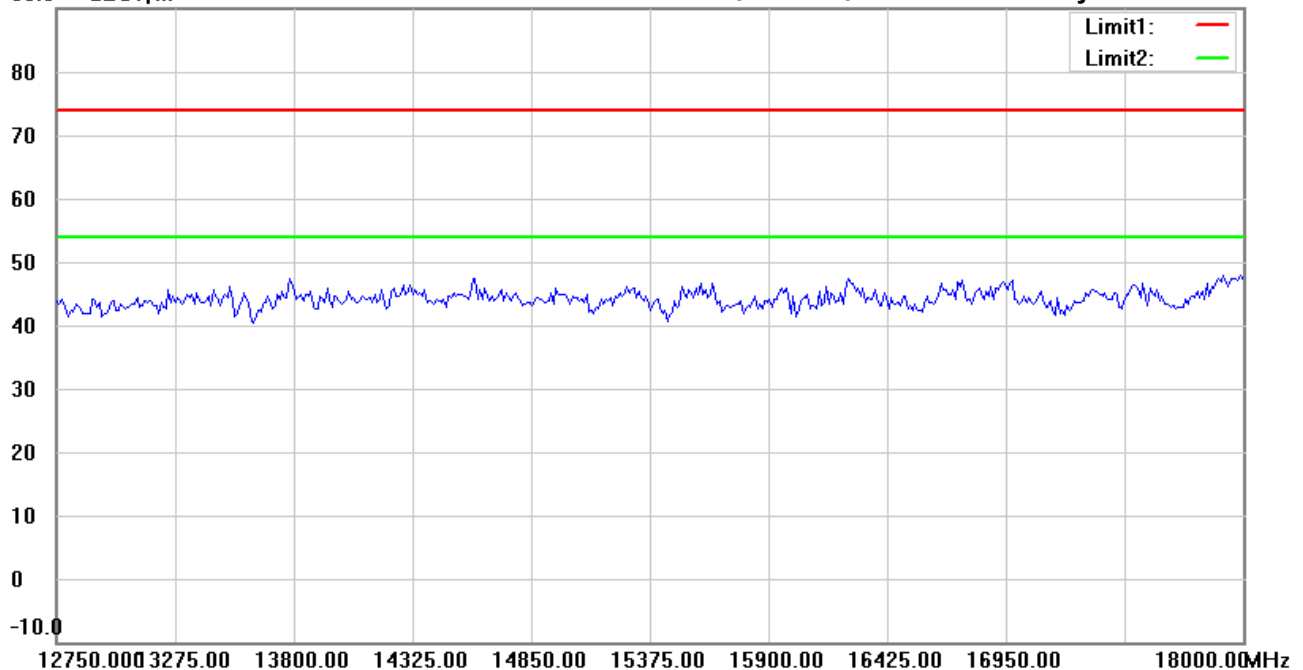
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:41:57 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

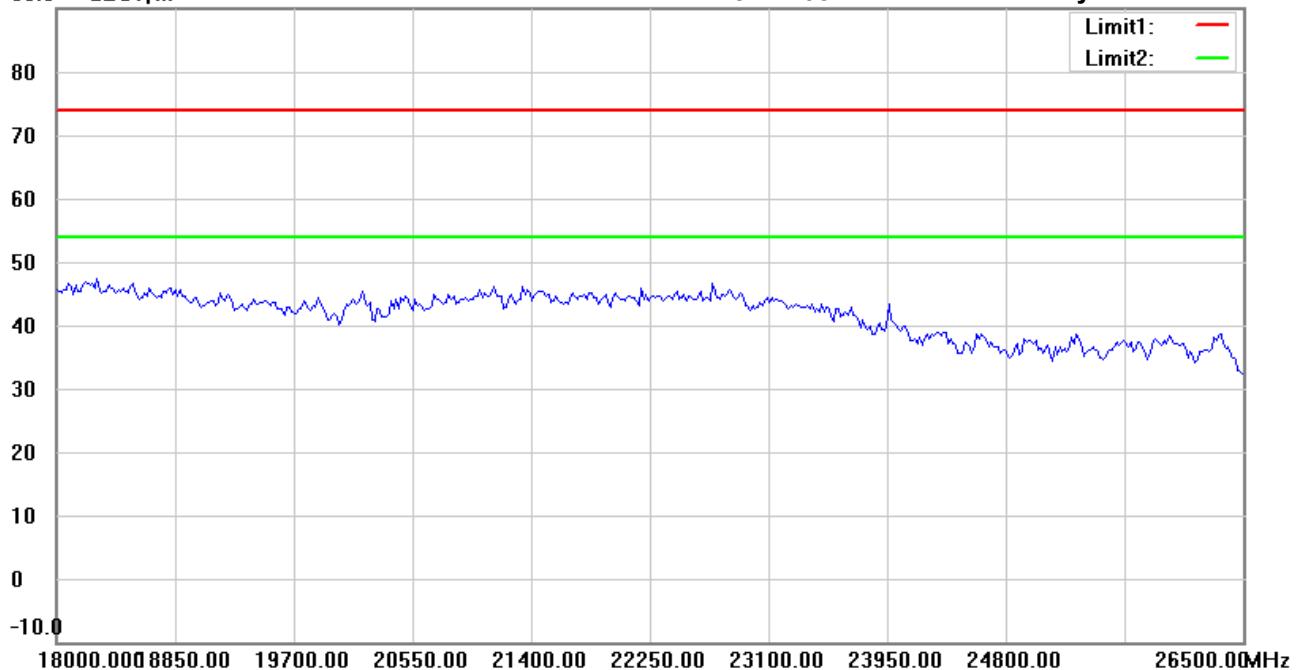
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:38:42 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

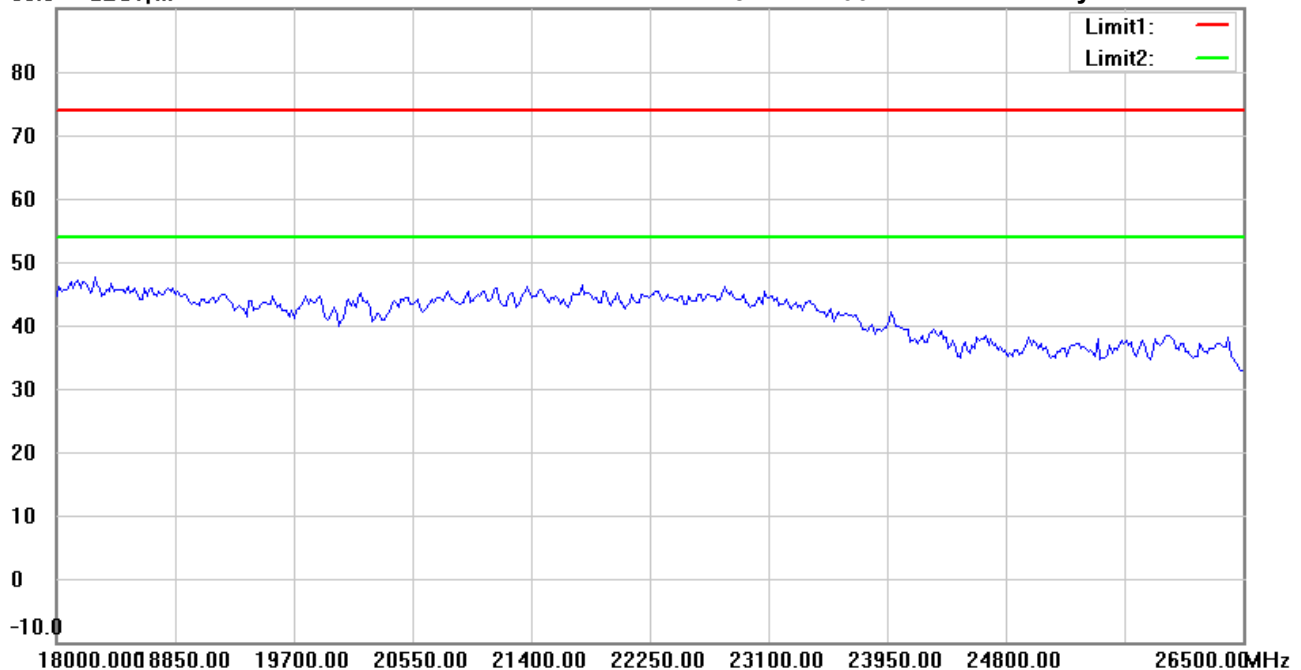
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:42:06 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

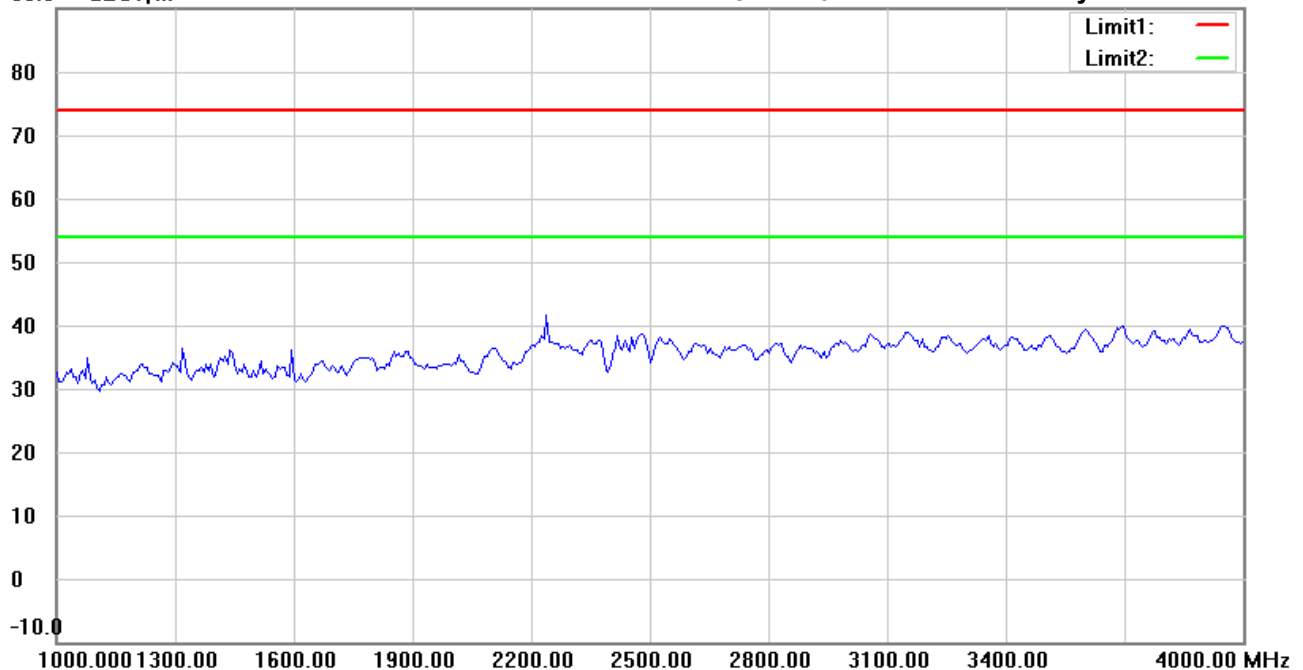
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:46:47 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Vincent

File :3

Data :#6

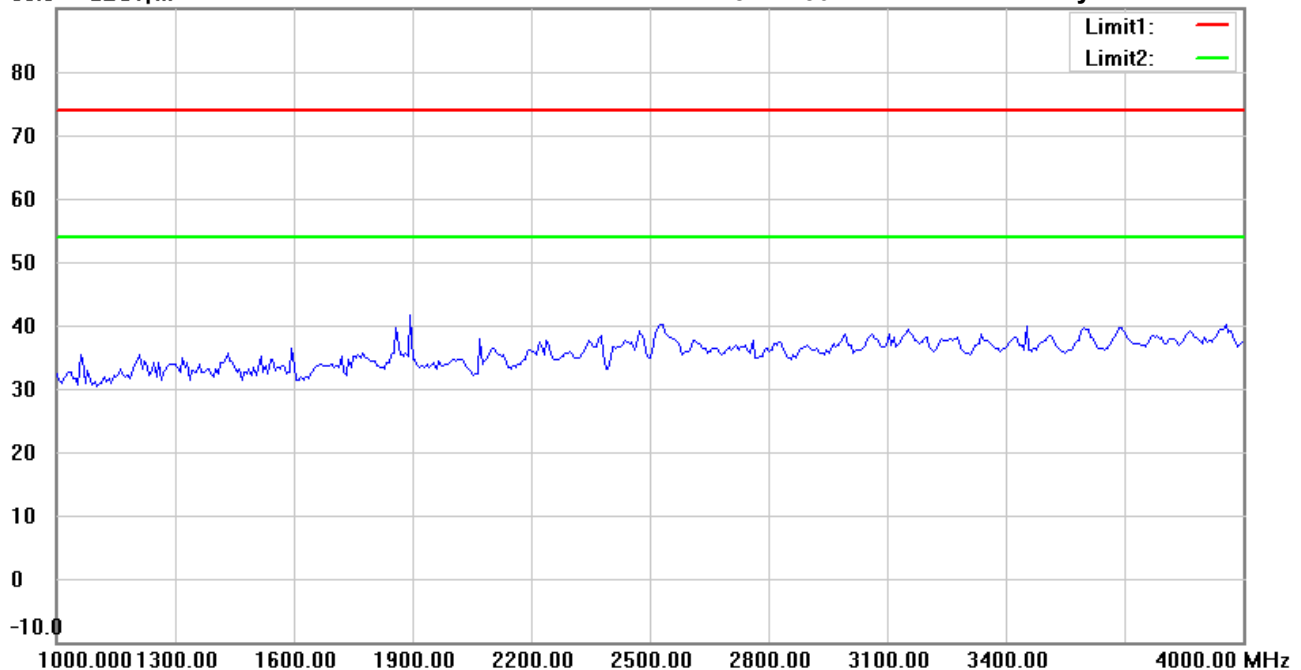
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 11:50:17 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH4

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, Neihsu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

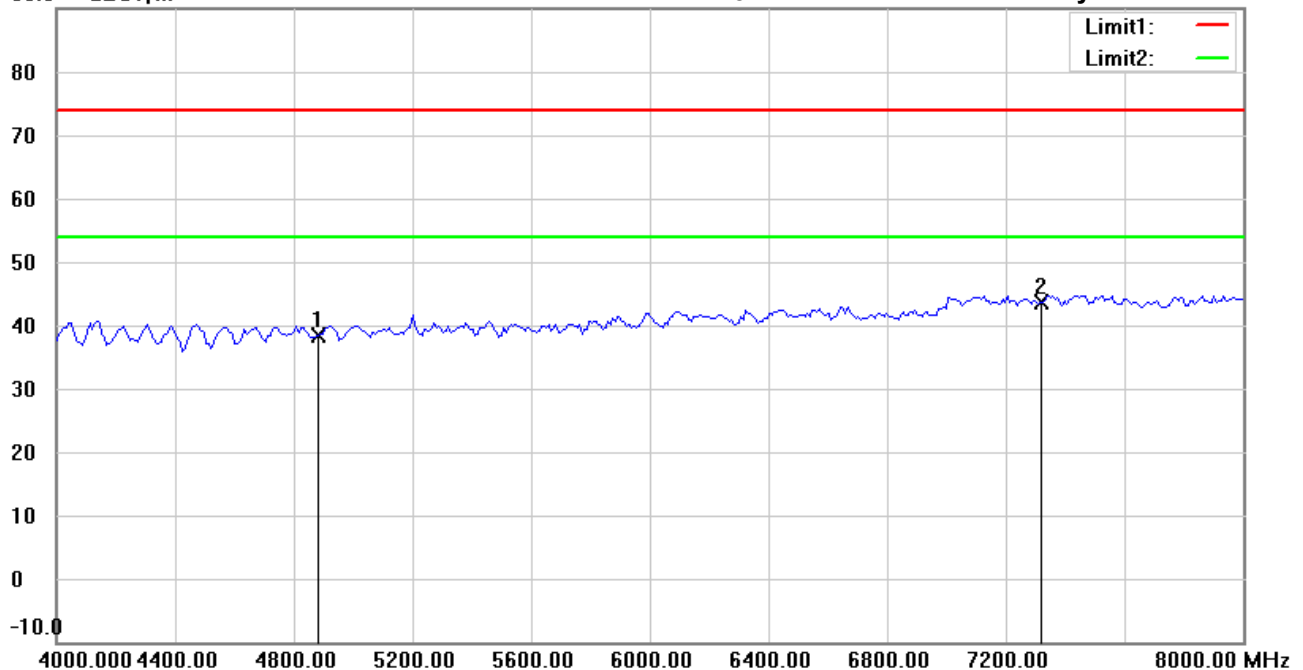
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:47:47 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH4

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
	4874.000	40.03	peak	-1.70	38.33	74.00	150	90	-35.67	
*	7311.000	40.14	peak	3.42	43.56	74.00	150	305	-30.44	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

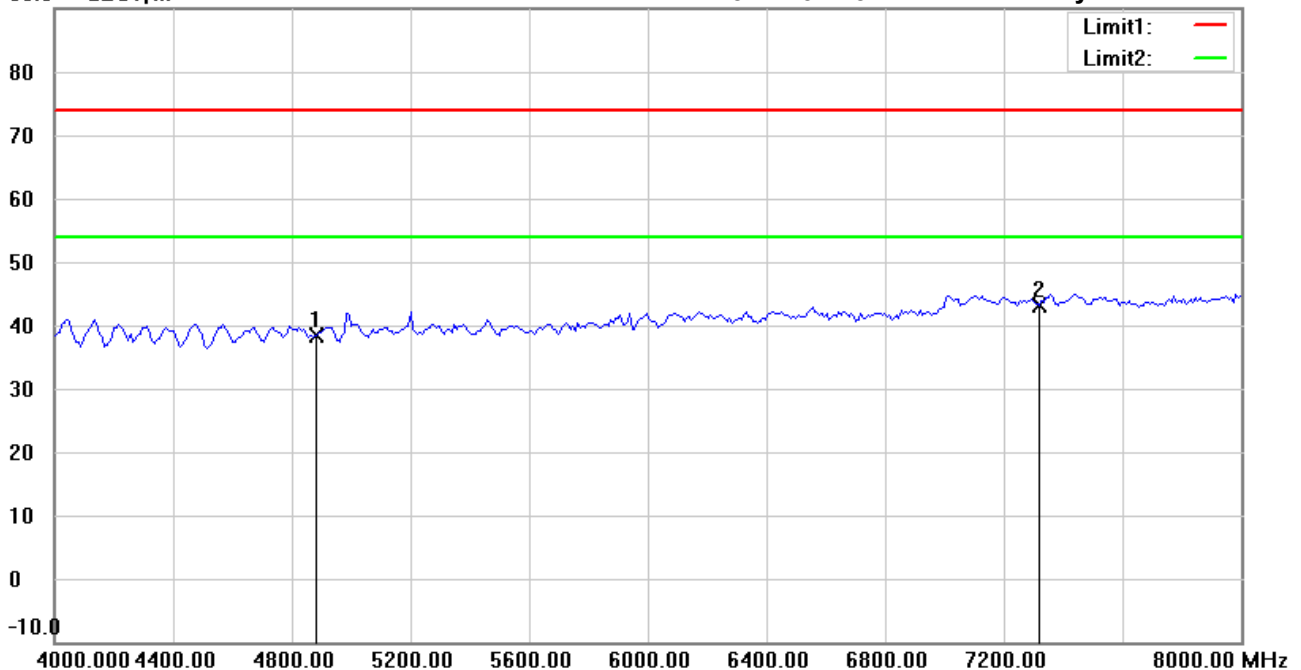
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:51:18 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH4

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
	4874.000	40.14	peak	-1.70	38.44	74.00	150	40	-35.56	
*	7311.000	39.65	peak	3.42	43.07	74.00	150	110	-30.93	

*: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: Vincent

File :3

Data :#3

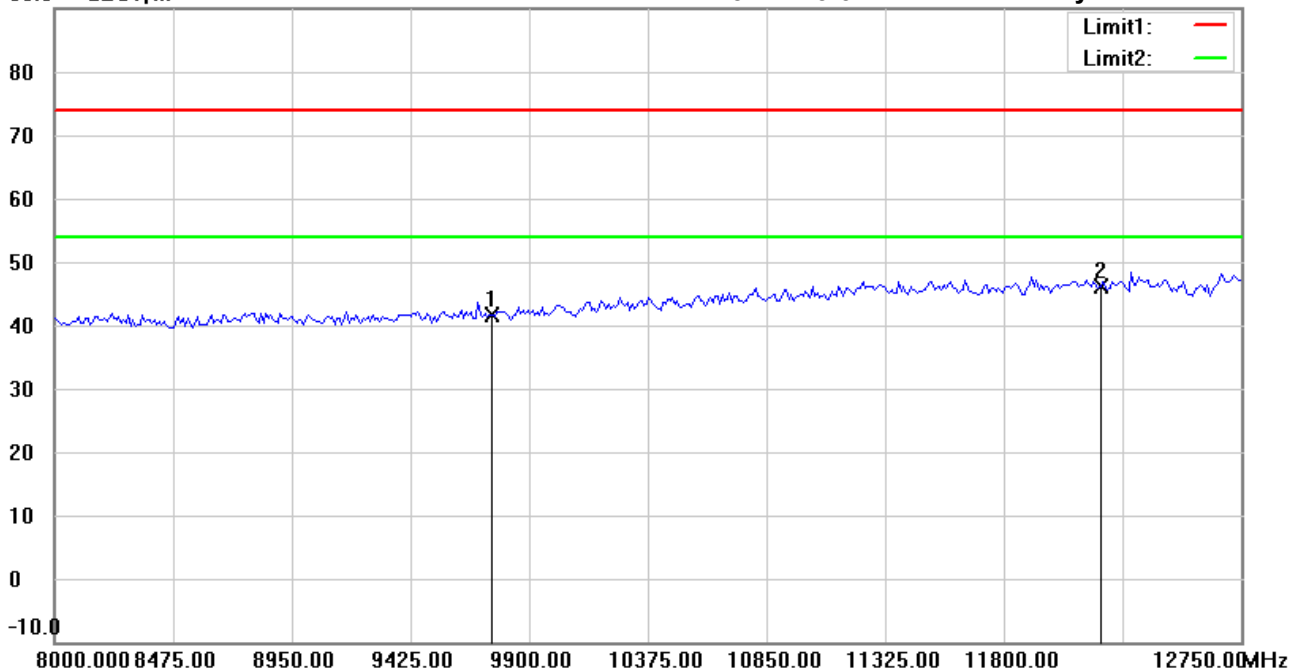
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:48:54 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.84	peak	6.75	41.59	74.00	150	250	-32.41	
*	12185.000	33.36	peak	12.83	46.19	74.00	150	170	-27.81	

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



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

Operator: Vincent

File : 3

Data : #8

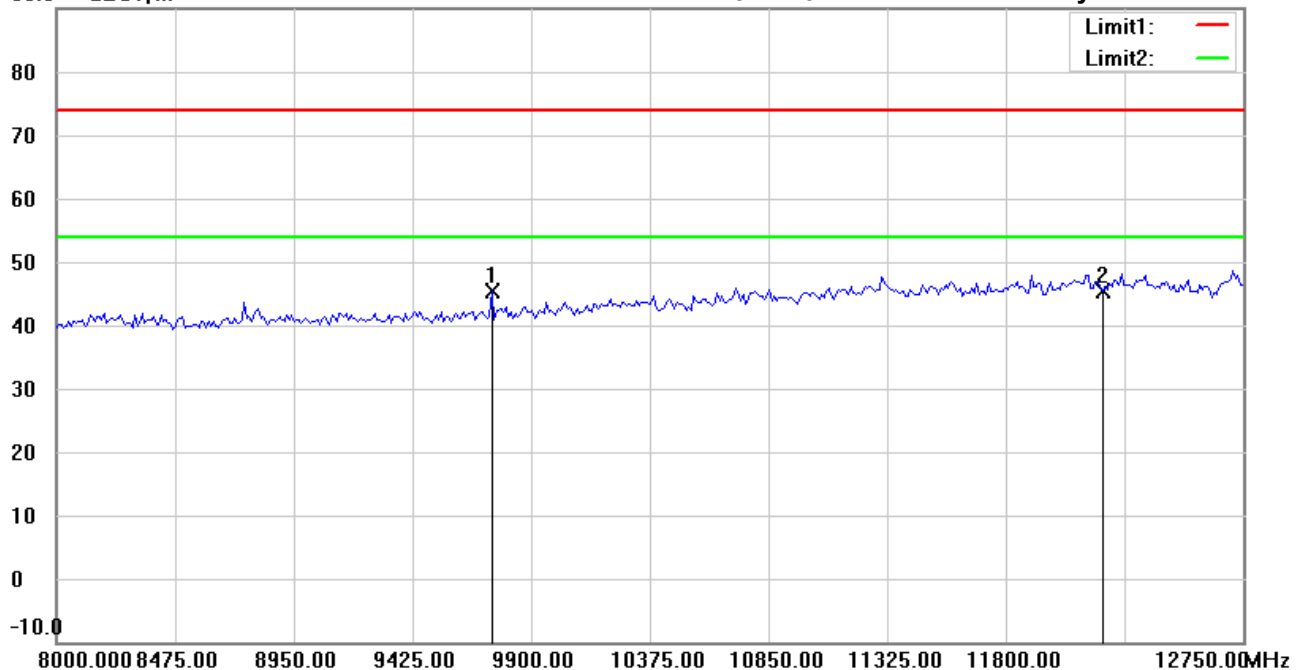
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:52:17 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH4

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
	9741.984	38.54	peak	6.74	45.28	74.00	150	215	-28.72	
*	12185.000	32.65	peak	12.83	45.48	74.00	150	40	-28.52	

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



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

Operator: Vincent

File :3

Data :#4

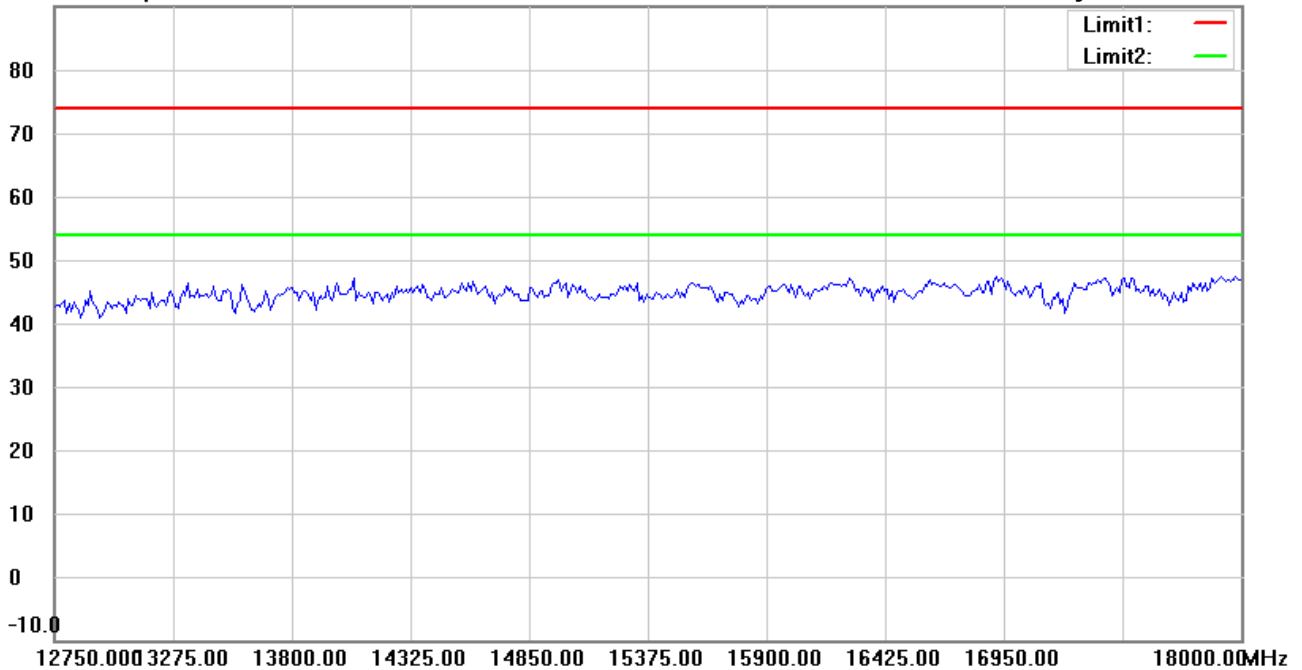
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:49:07 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#9

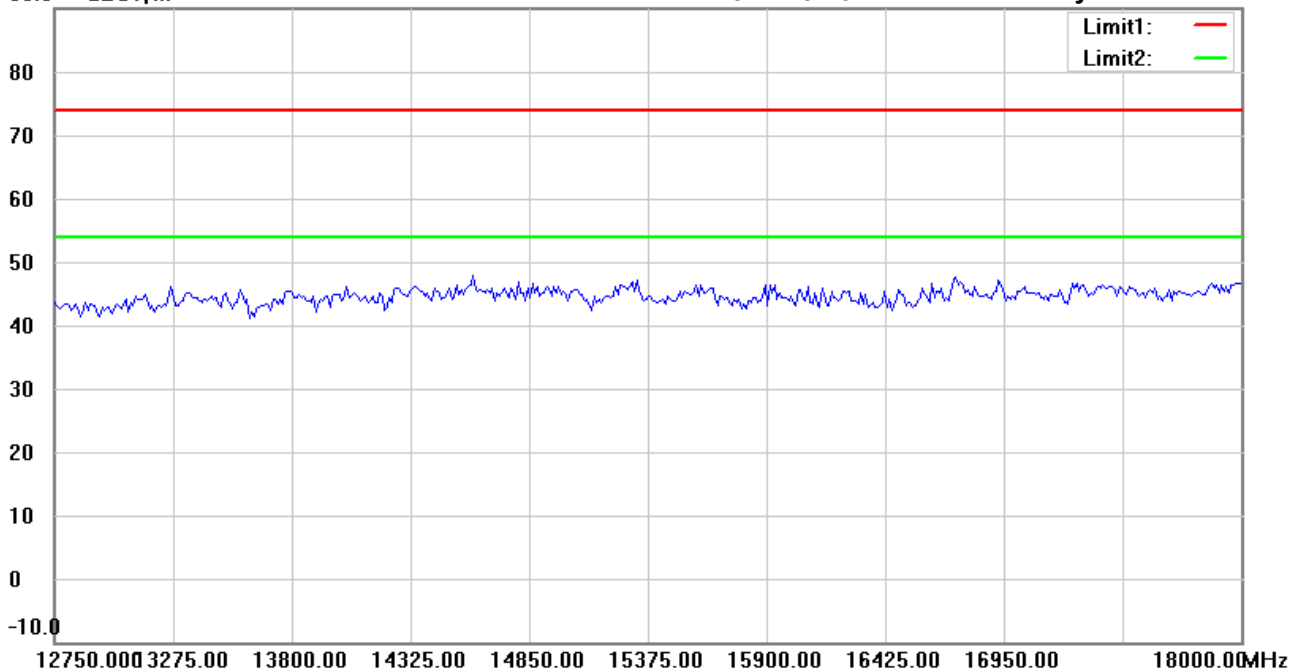
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 11:52:31 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Vincent

File :3

Data :#5

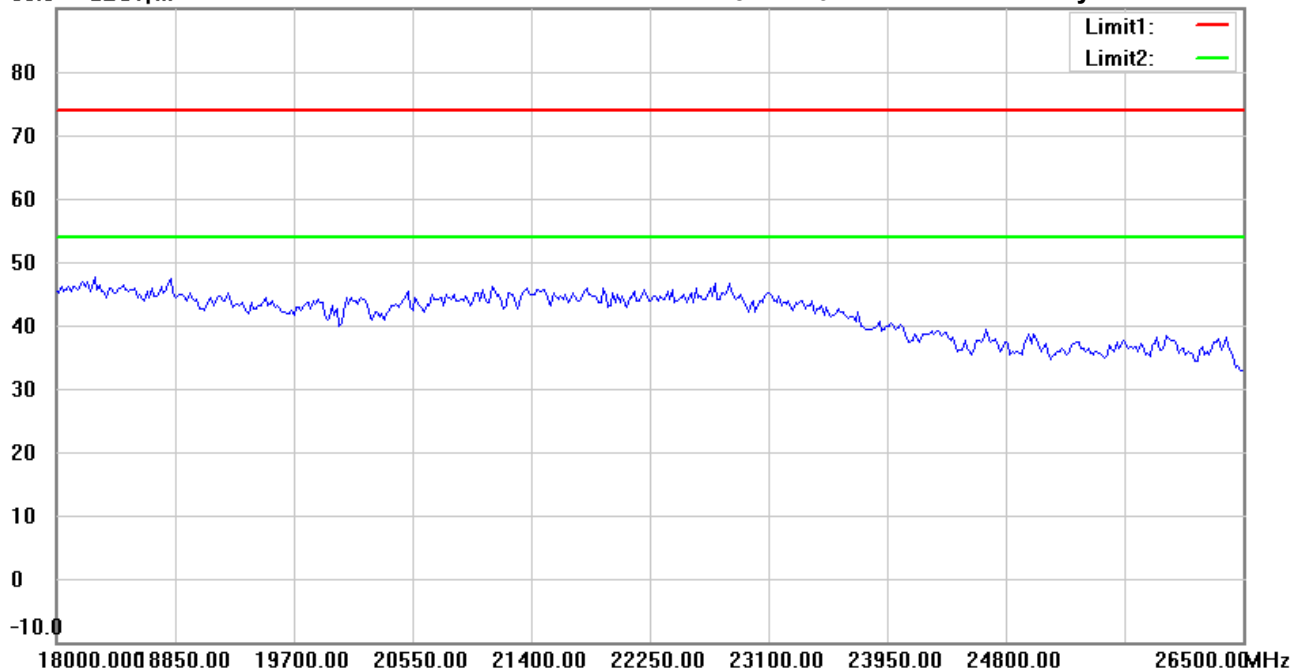
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:49:17 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH4

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
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

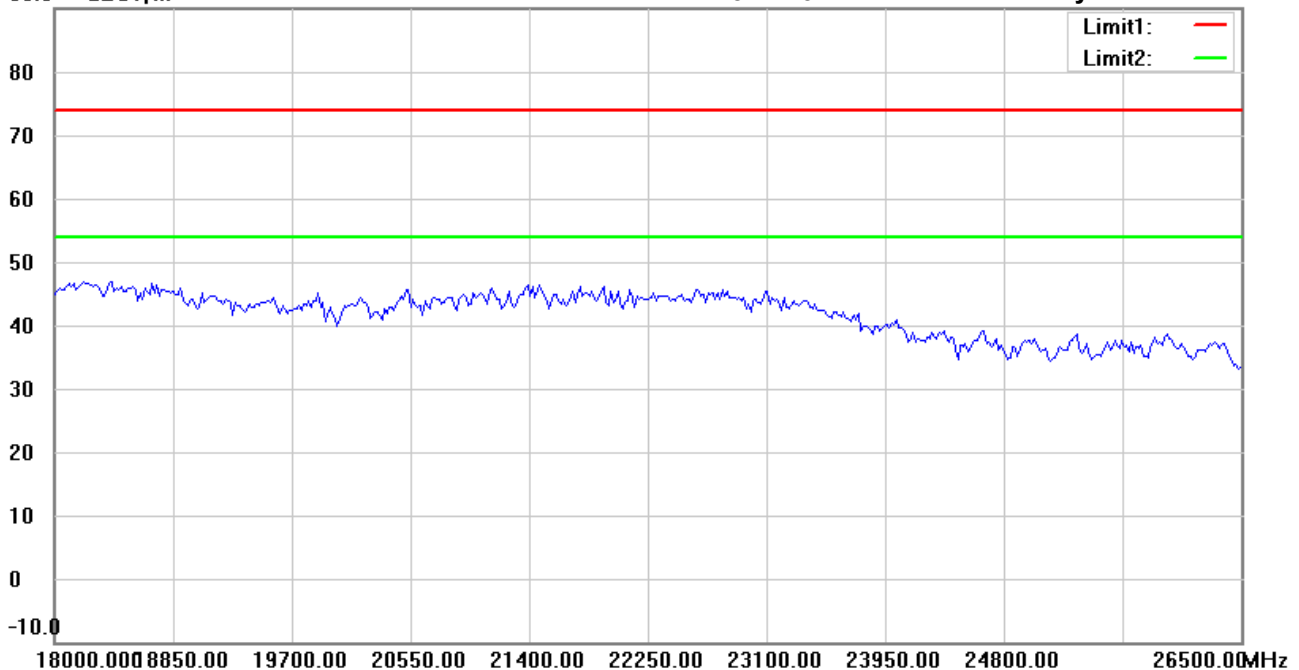
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:52:41 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Vincent

File : 3

Data : #1

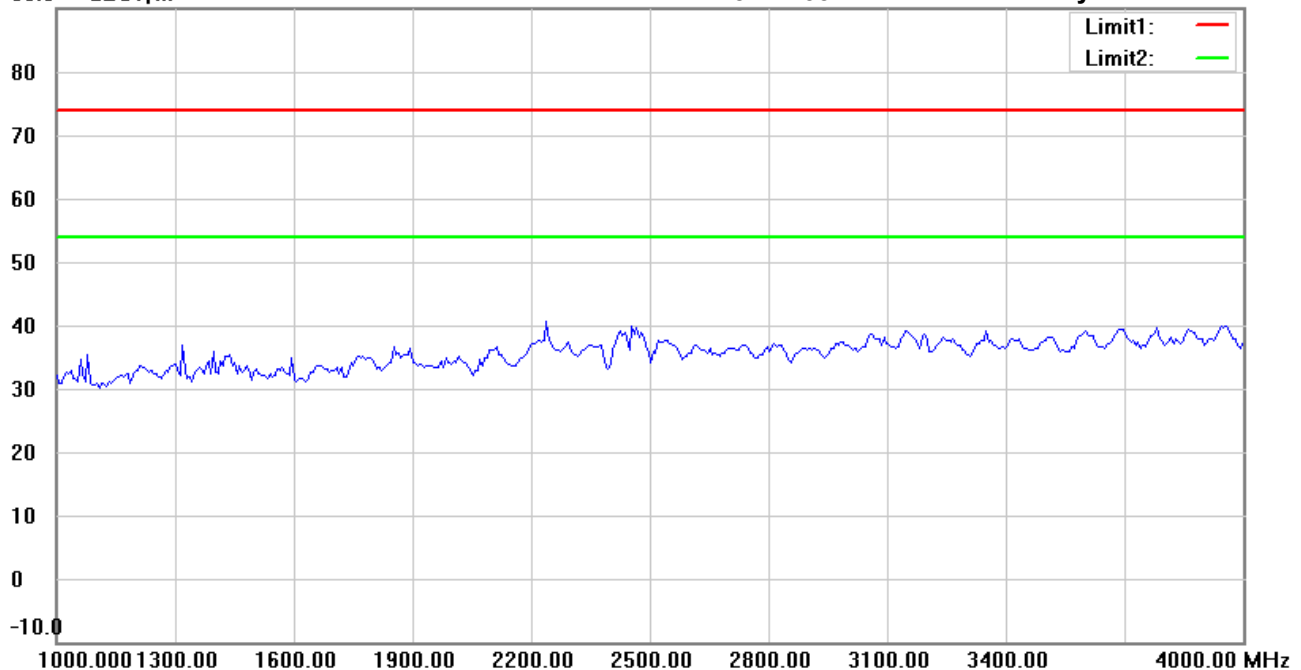
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:58:42 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#6

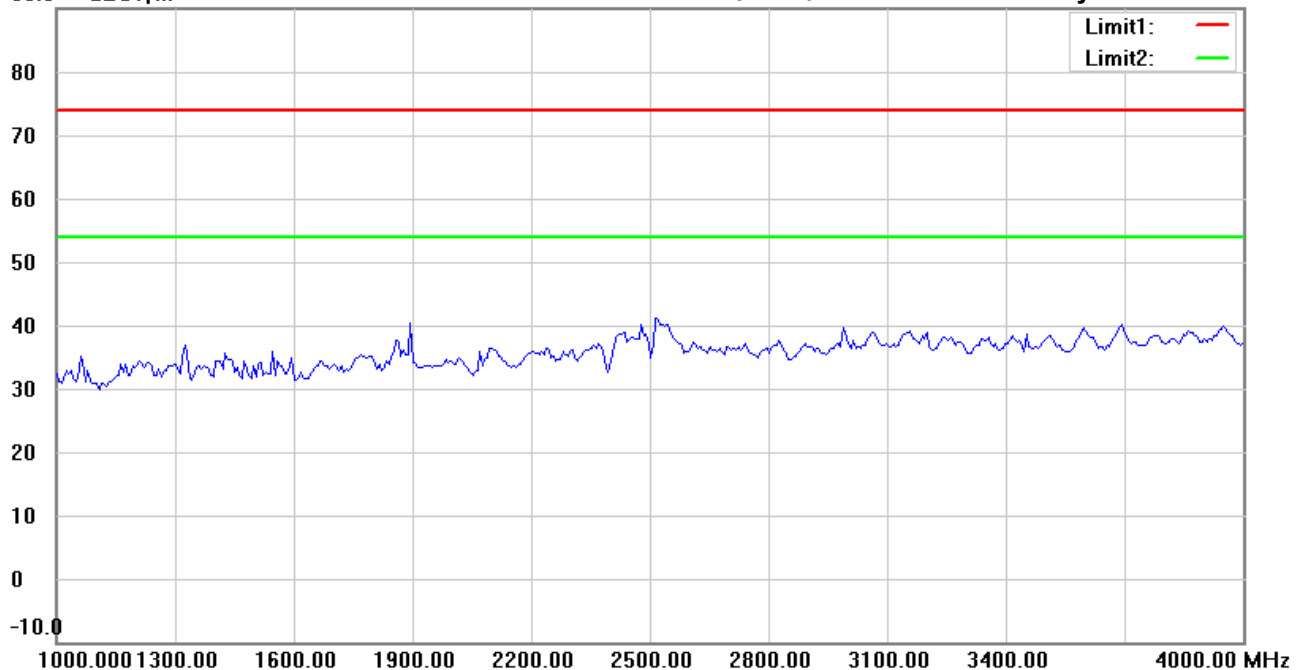
Date: 11/17/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 12:02:12 AM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#2

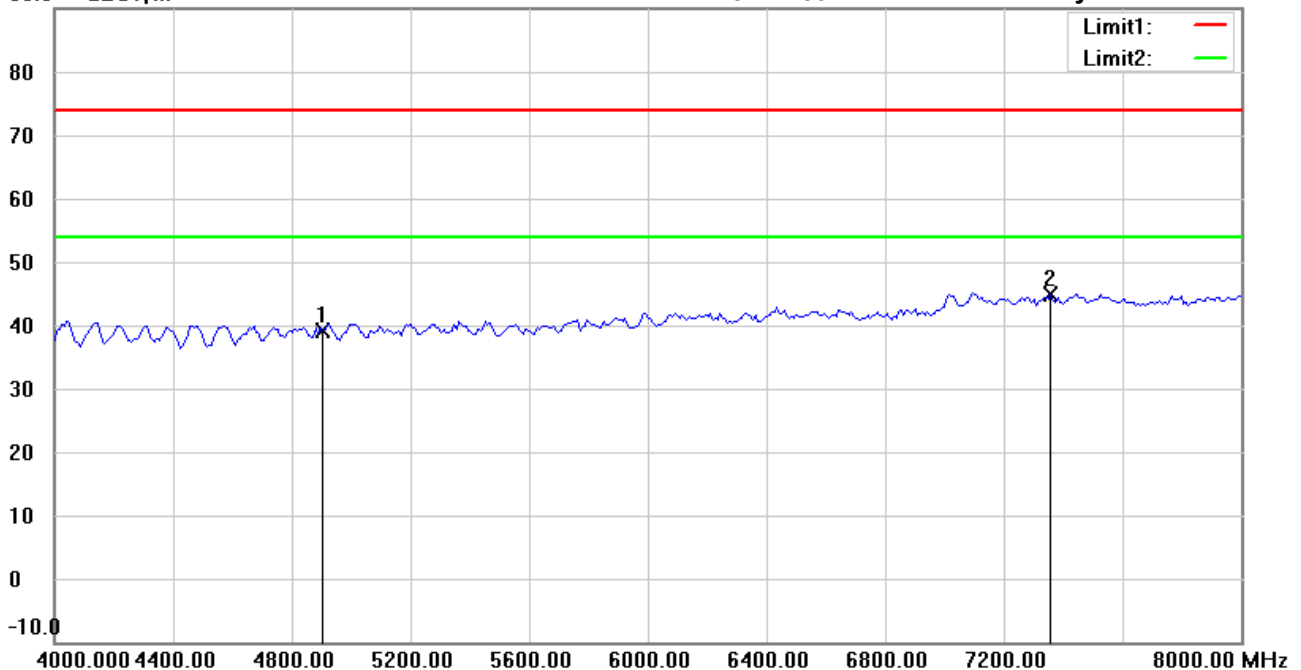
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 11:59:42 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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
	4904.000	40.70	peak	-1.59	39.11	74.00	150	220	-34.89	
*	7356.000	41.17	peak	3.60	44.77	74.00	150	305	-29.23	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#7

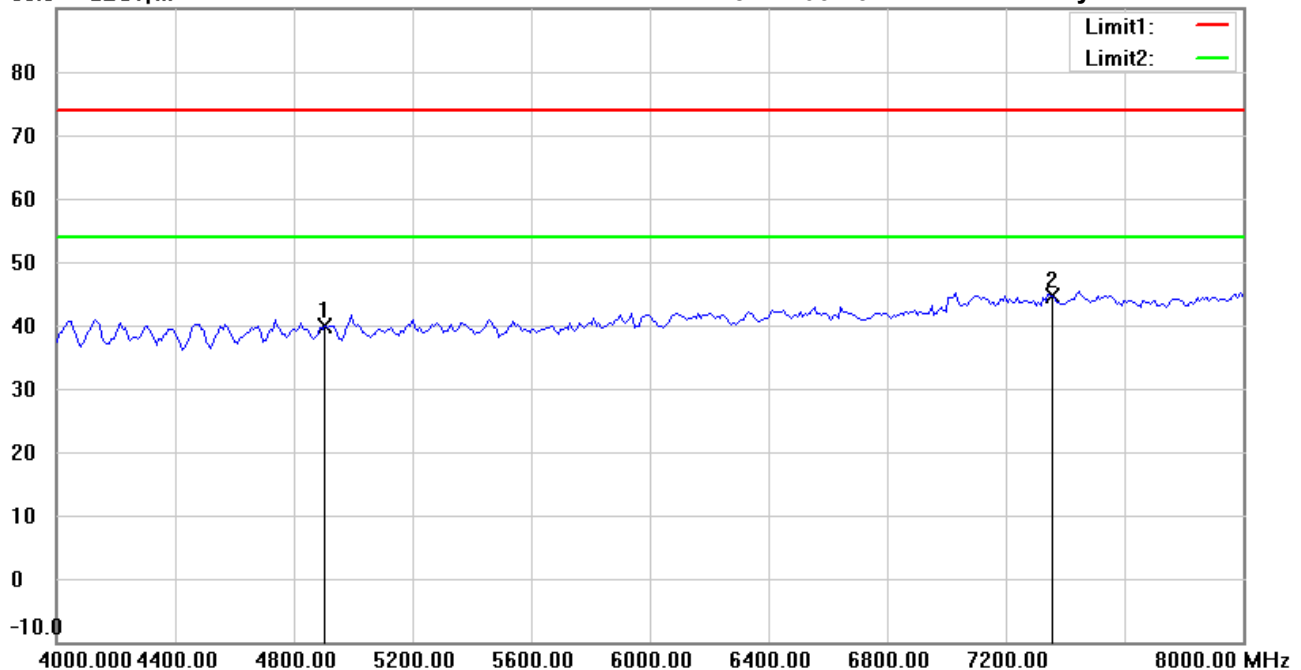
Date: 11/17/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 12:03:13 AM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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
	4904.000	41.53	peak	-1.59	39.94	74.00	150	280	-34.06	
*	7356.000	40.99	peak	3.60	44.59	74.00	150	95	-29.41	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

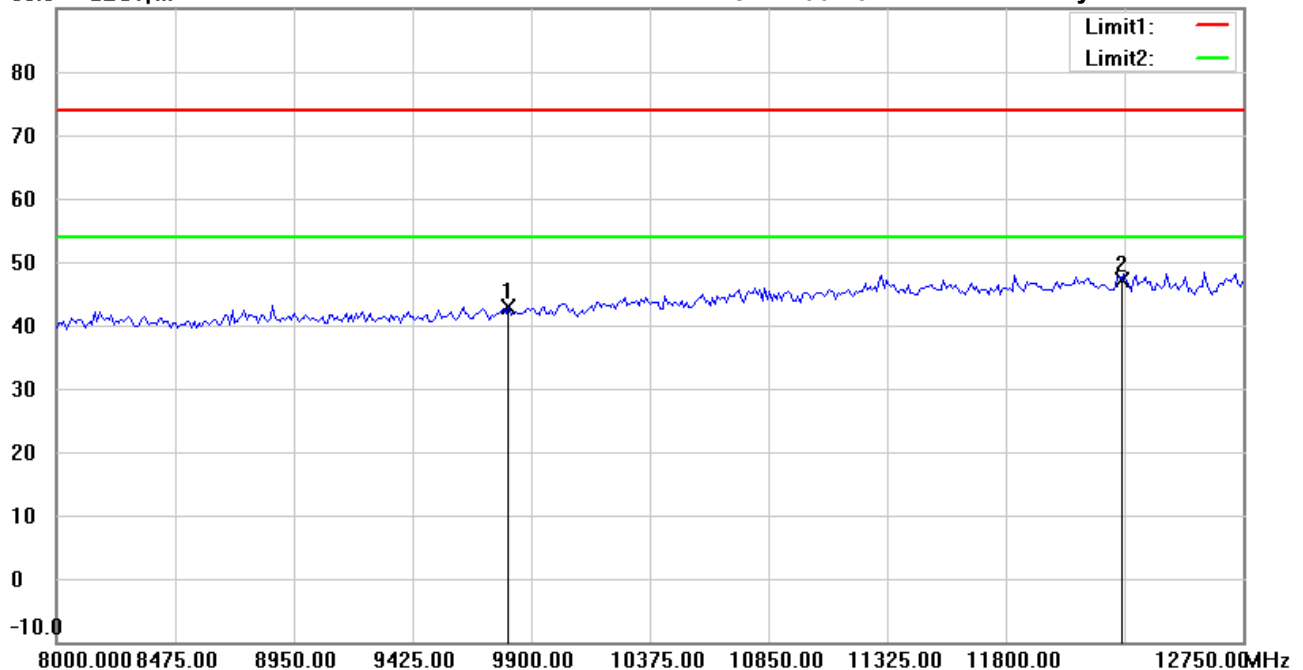
Date: 11/17/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 12:00:49 AM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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
	9808.000	35.94	peak	6.83	42.77	74.00	150	80	-31.23	
*	12260.000	34.61	peak	12.41	47.02	74.00	150	125	-26.98	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

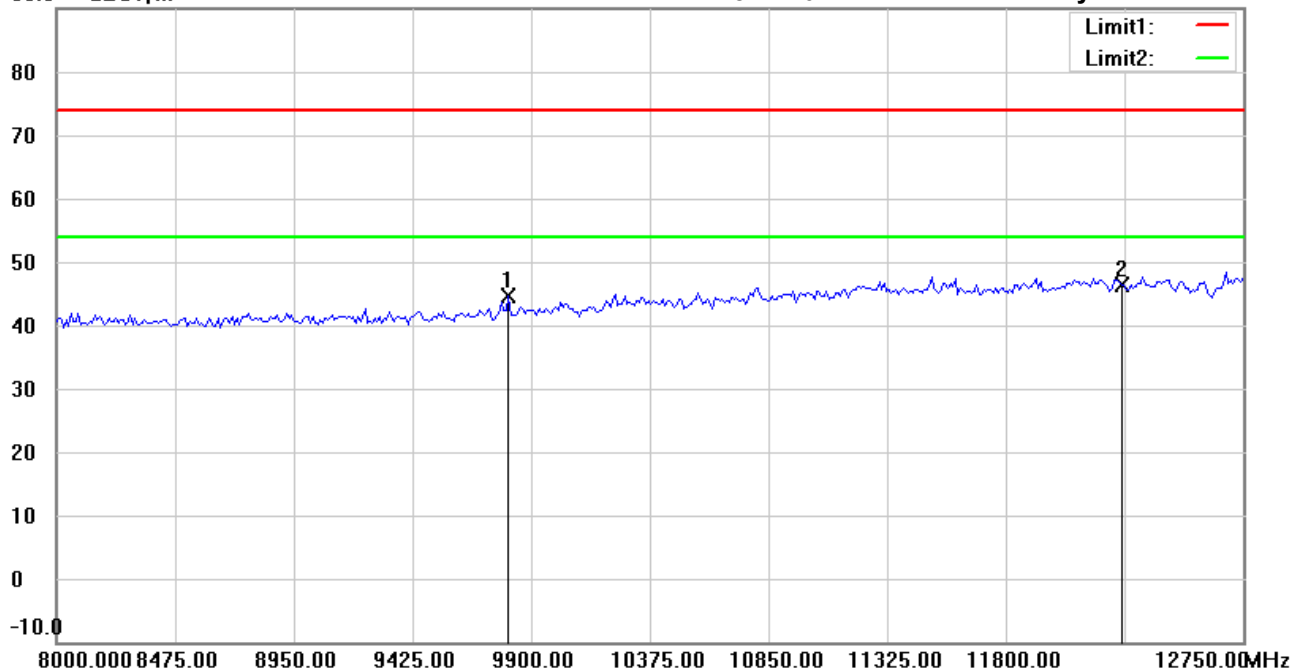
Date: 11/17/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 12:04:12 AM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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
	9808.617	37.69	peak	6.84	44.53	74.00	150	110	-29.47	
*	12260.000	34.09	peak	12.41	46.50	74.00	150	250	-27.50	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

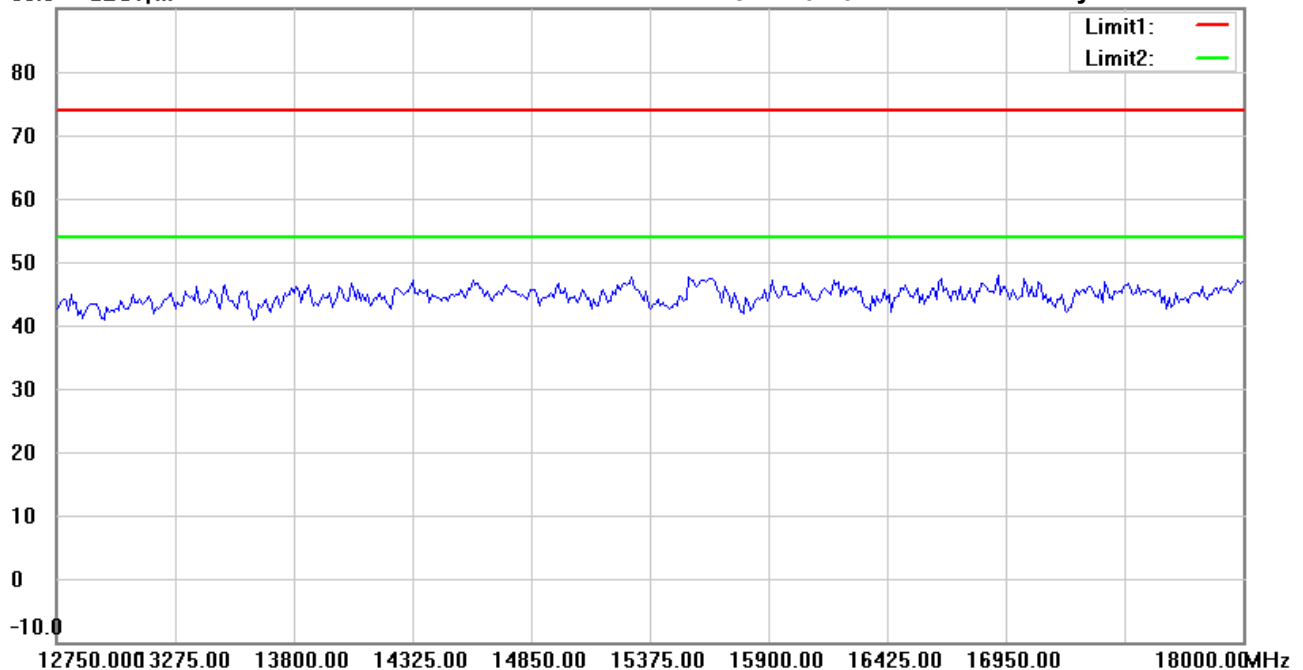
Date: 11/17/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 12:01:02 AM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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



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

Operator: Vincent

File :3

Data :#9

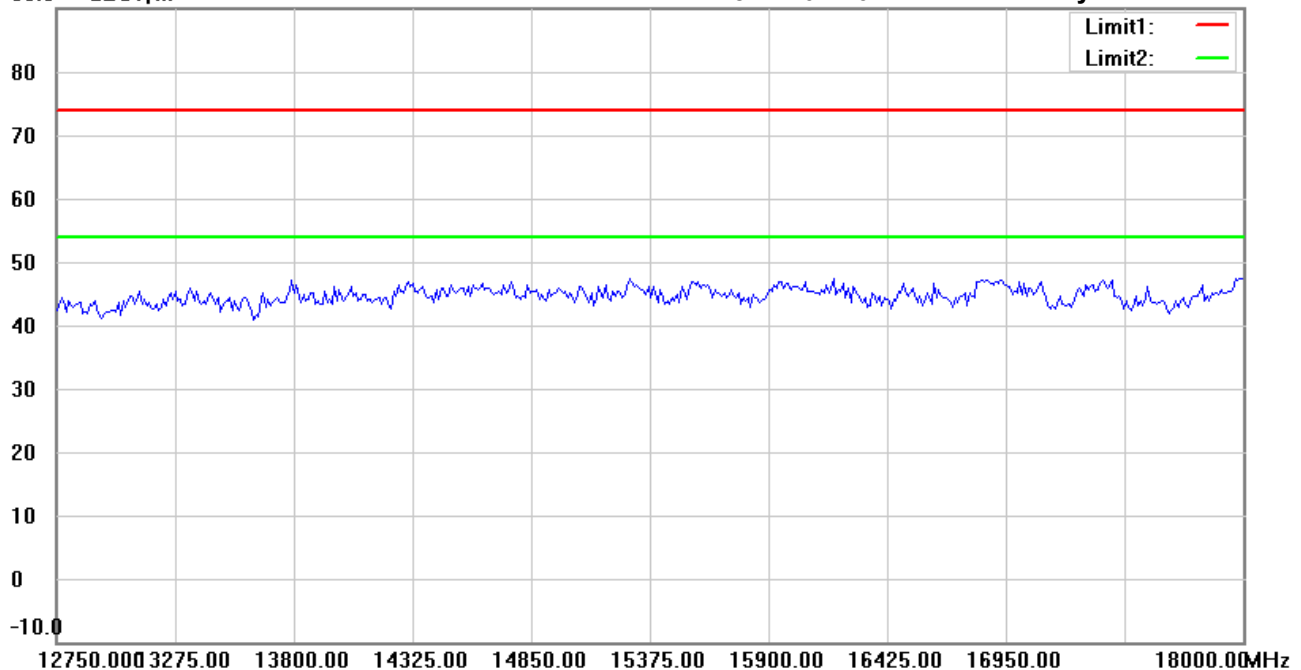
Date: 11/17/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 12:04:26 AM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

*: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: Vincent

File :3

Data :#5

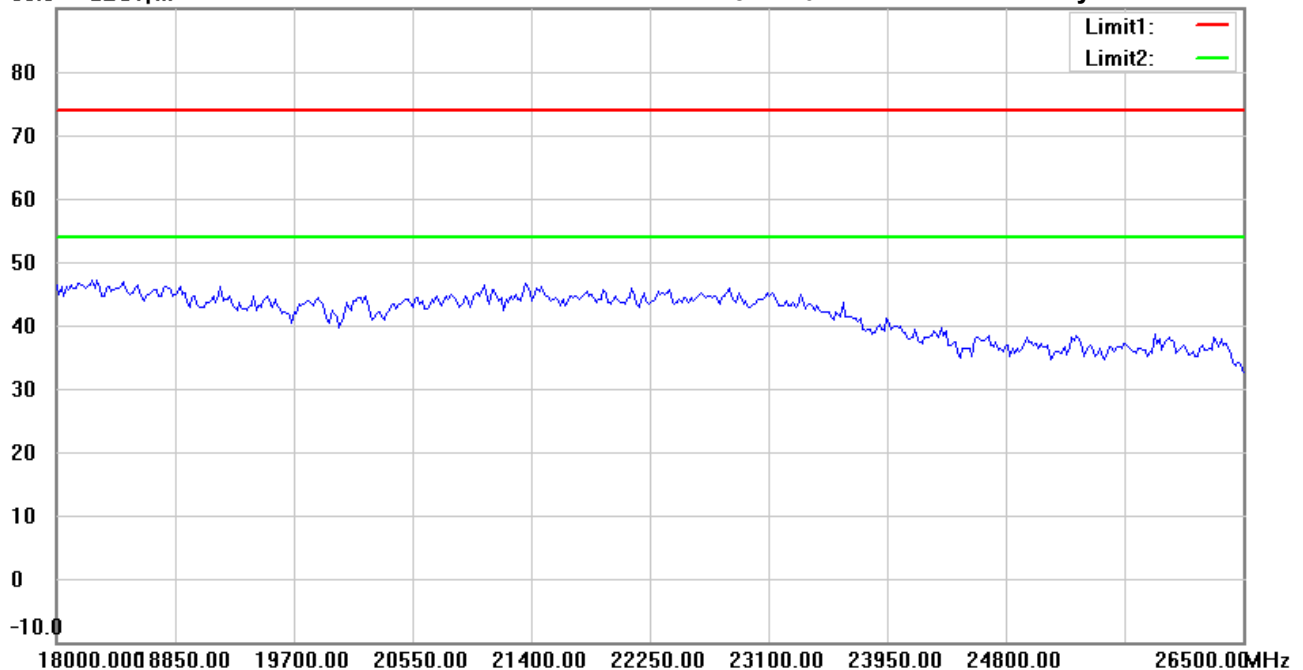
Date: 11/17/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 12:01:12 AM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

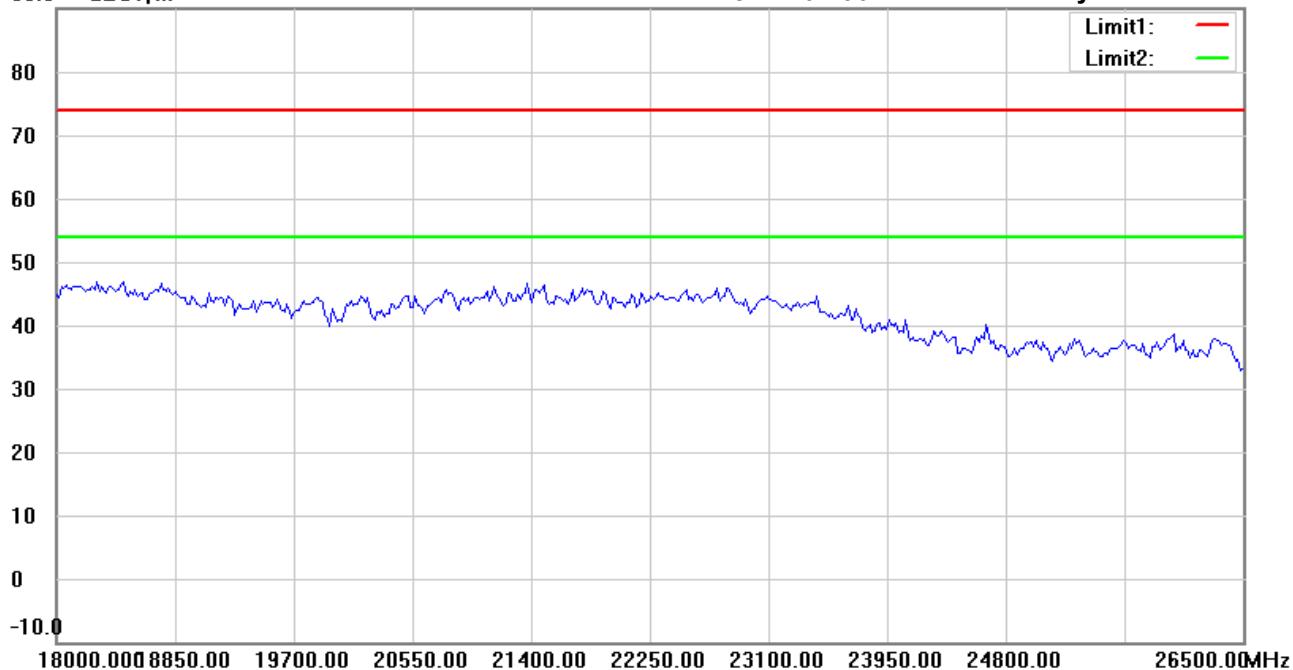
Date: 11/17/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 12:04:36 AM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 802.11n40 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



Radiated Emission Measurement

Operator: Vincent

File: Bellow 1G_BLE(1M)TX

Data: #1

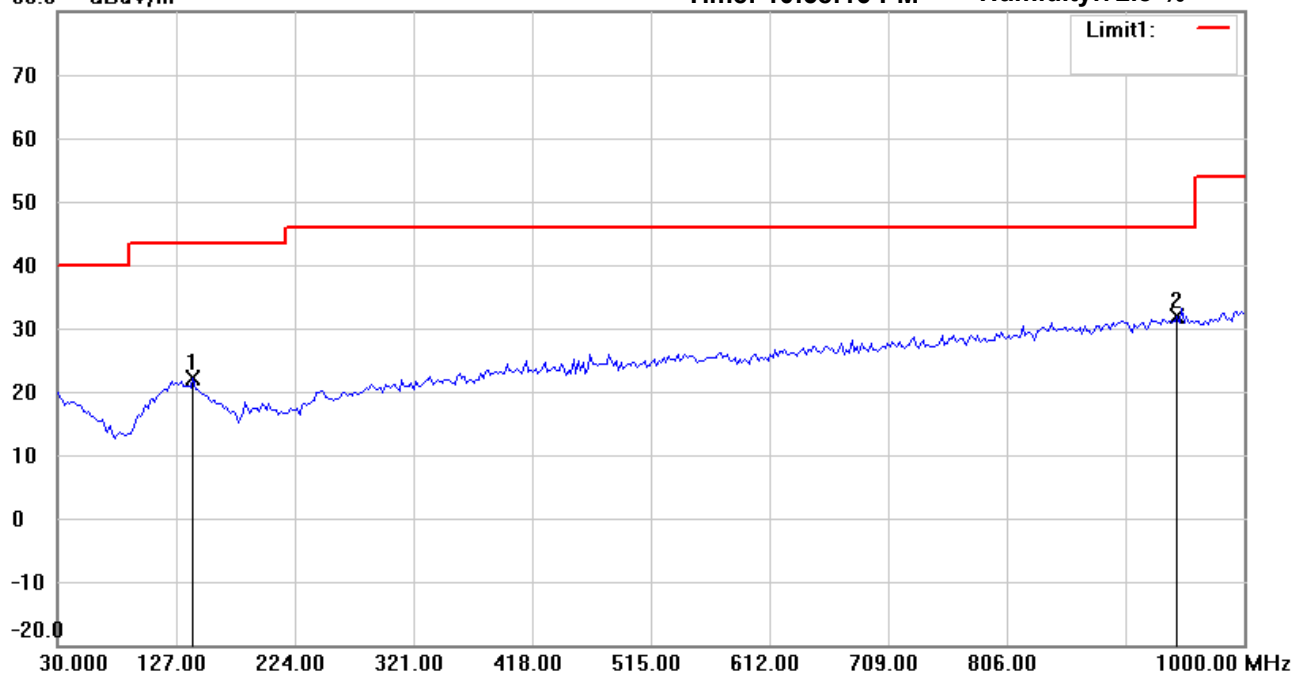
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 10:58:16 PM

Humidity: 72.8 %



Site: Chamber

Condition: FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT: W6M21910-19433

Power: 120 Va.c.

M/N:

Distance: 3m

Test Mode: TX 2402MHz

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
	140.8015	28.69	peak	-6.57	22.12	43.50	100	90	-21.38	
*	945.5711	27.86	peak	4.13	31.99	46.00	100	315	-14.01	



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Radiated Emission Measurement

Operator: Vincent

File: Bellow 1G_BLE(1M)TX

Data: #2

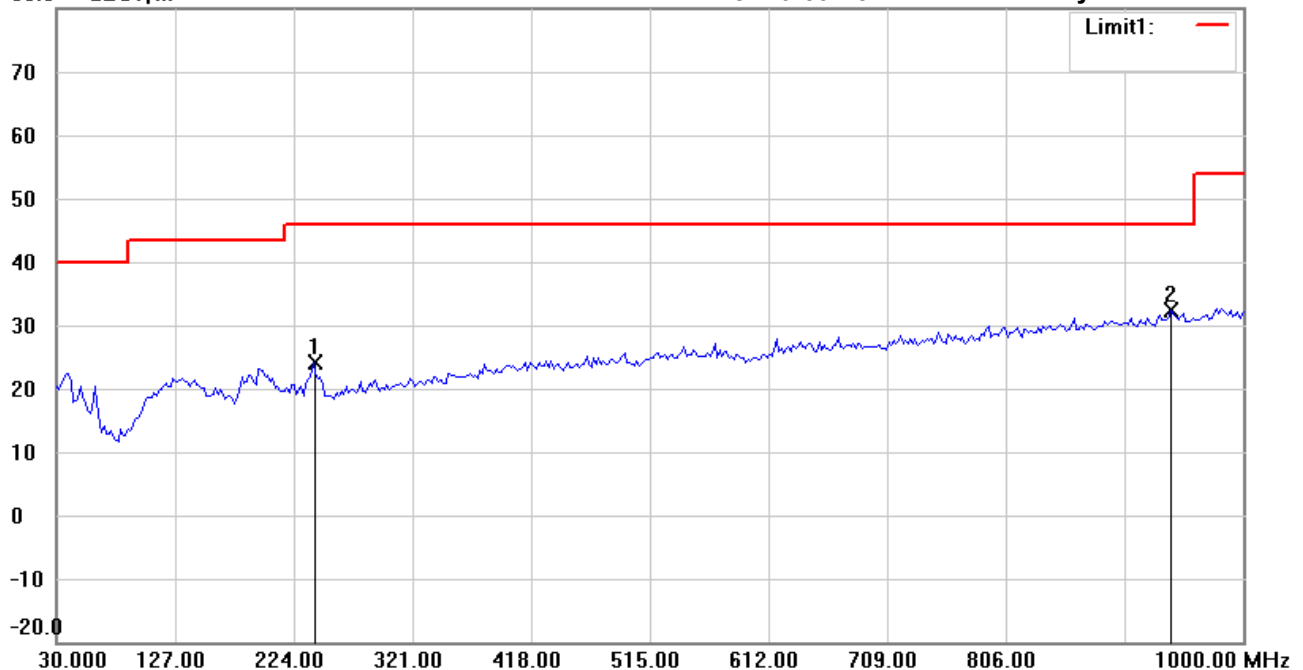
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 10:59:15 PM

Humidity: 72.8 %



Site: Chamber

Condition: FCC_part 15 RE-Class C_30-1000MHz

EUT: W6M21910-19433

M/N:

Test Mode: TX 2402MHz

Note:

Polarization: Vertical

Power: 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	239.9400	32.75	peak	-8.55	24.20	46.00	100	110	-21.80	
*	941.6834	28.38	peak	4.05	32.43	46.00	100	295	-13.57	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #1

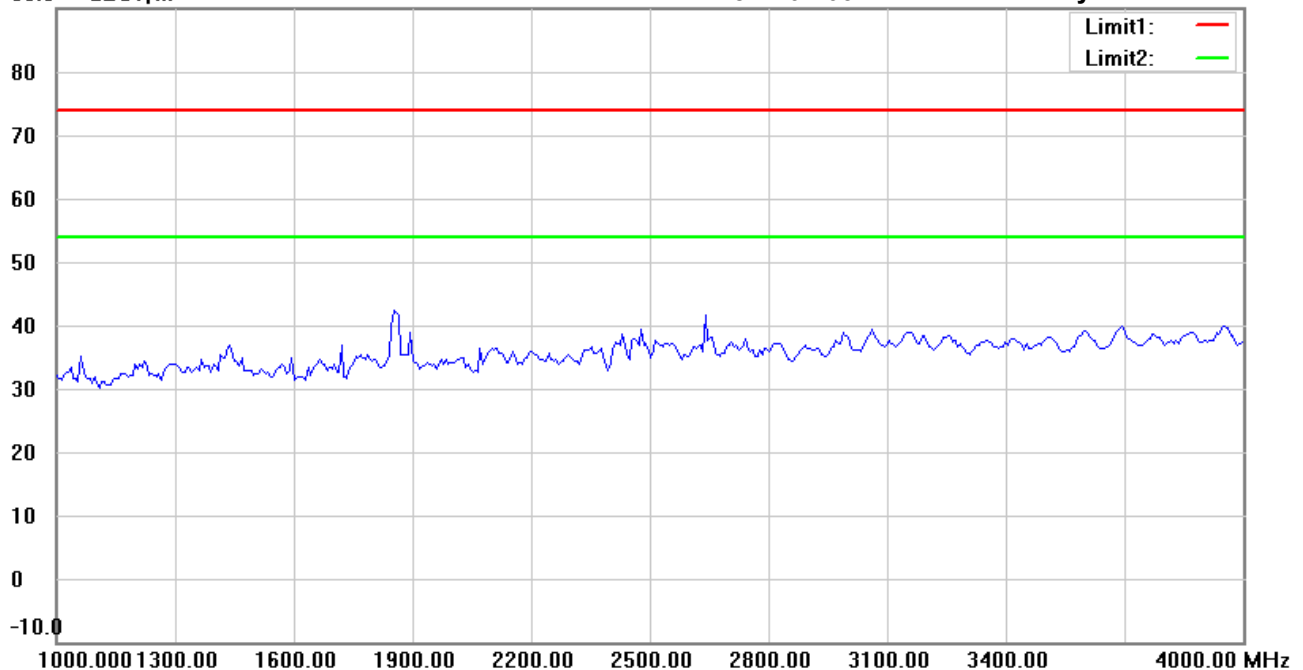
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:07:03 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#6

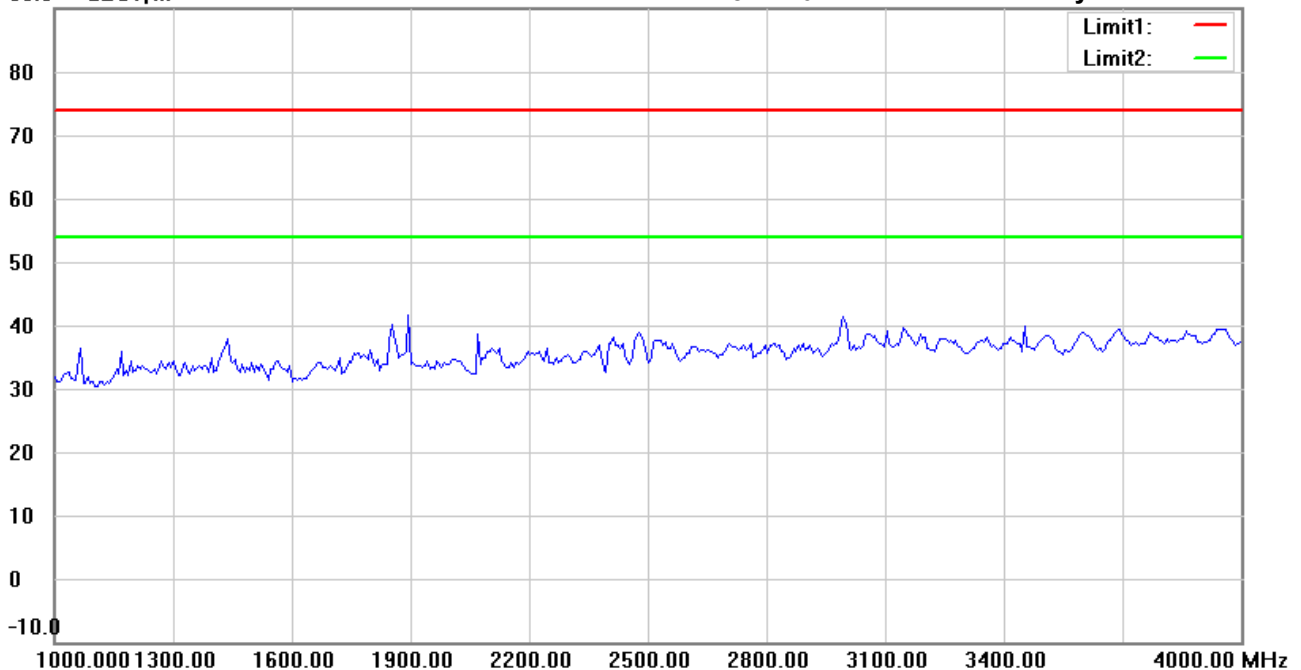
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 7:10:24 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

File :3

Data :#2

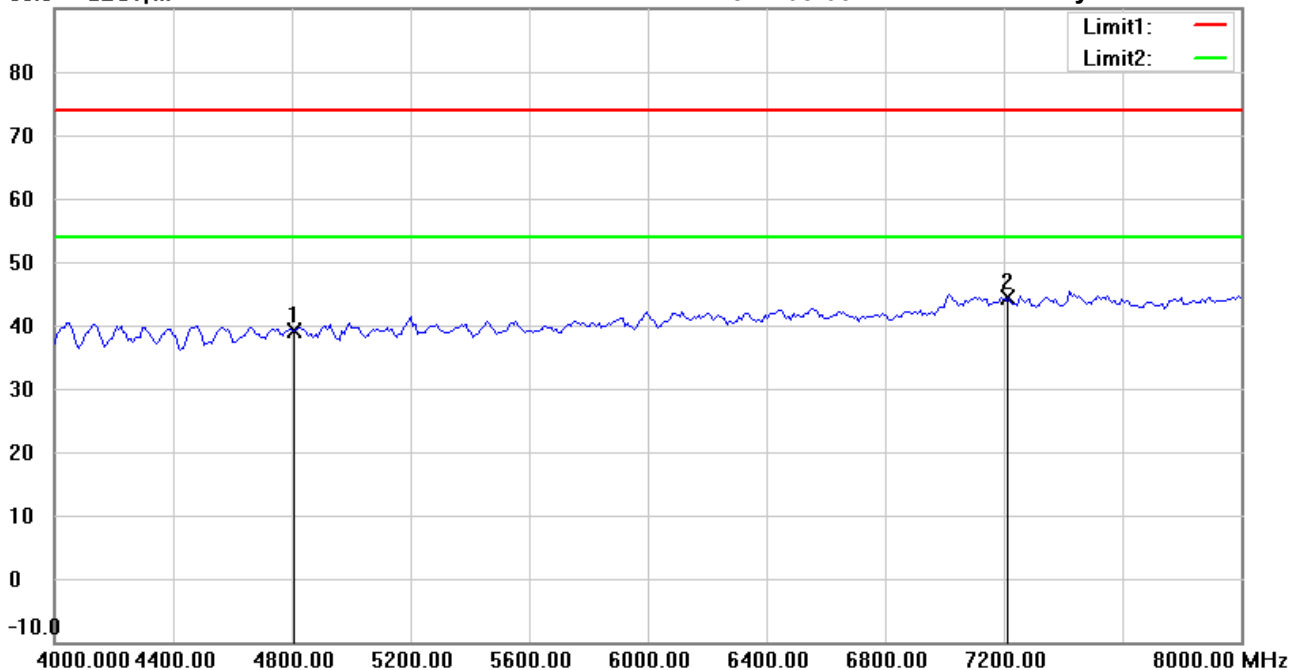
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:08:03 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4805.000	41.02	peak	-1.94	39.08	74.00	150	220	-34.92	
*	7207.500	41.07	peak	3.24	44.31	74.00	150	250	-29.69	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

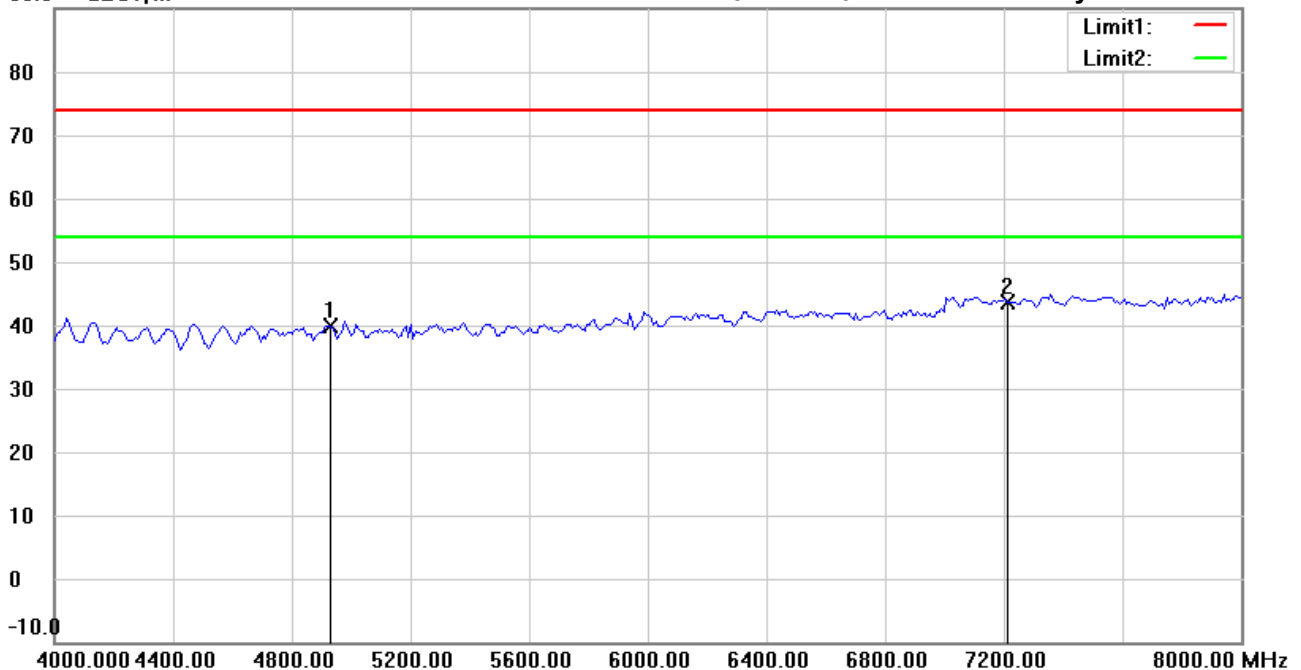
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:11:25 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4921.844	41.48	peak	-1.52	39.96	74.00	150	220	-34.04	
*	7207.500	40.28	peak	3.24	43.52	74.00	150	110	-30.48	

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



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

Operator: Vincent

File :3

Data :#3

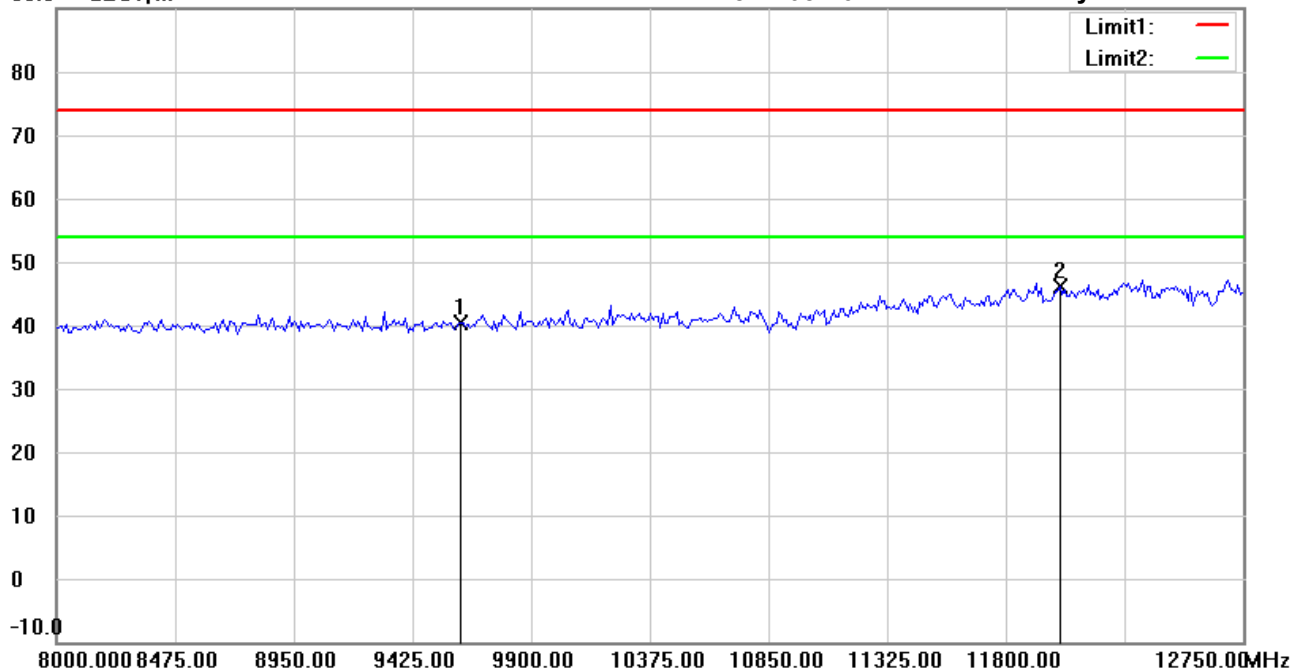
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:08:16 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9610.000	33.91	peak	6.54	40.45	74.00	150	290	-33.55	
*	12012.500	34.36	peak	11.65	46.01	74.00	150	110	-27.99	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #8

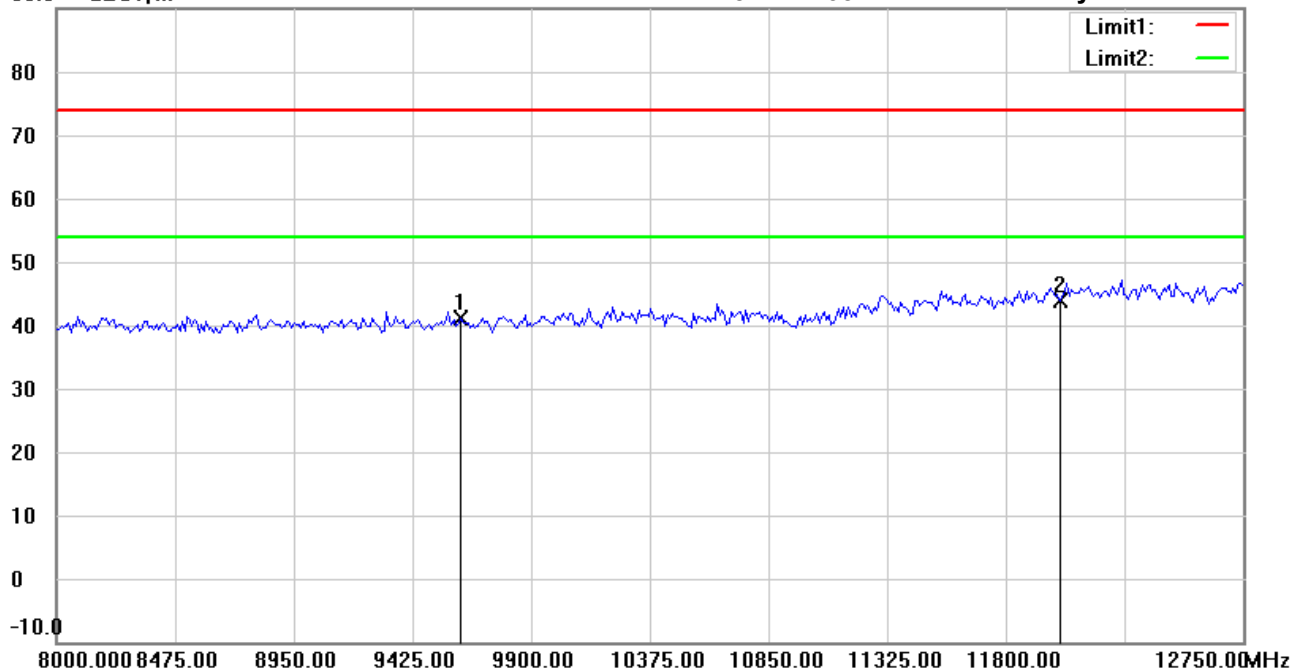
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:11:38 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9610.000	34.54	peak	6.54	41.08	74.00	150	220	-32.92	
*	12012.500	32.31	peak	11.65	43.96	74.00	150	130	-30.04	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#4

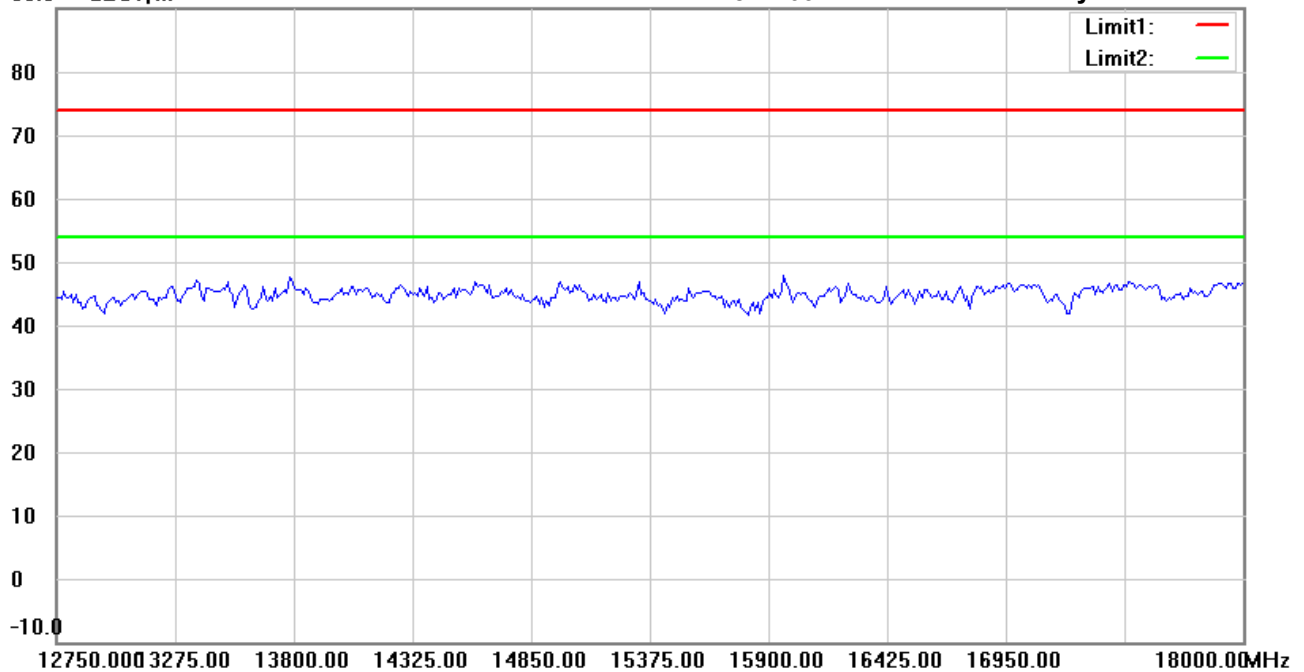
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:09:14 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#9

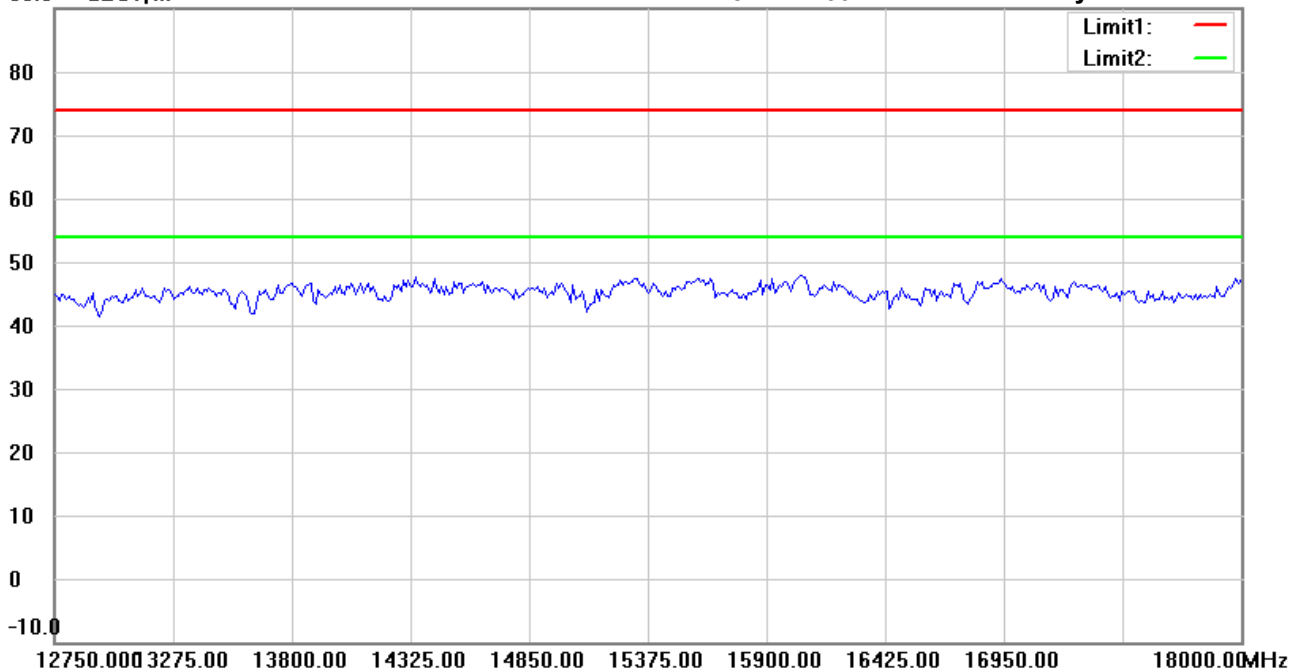
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:12:39 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#5

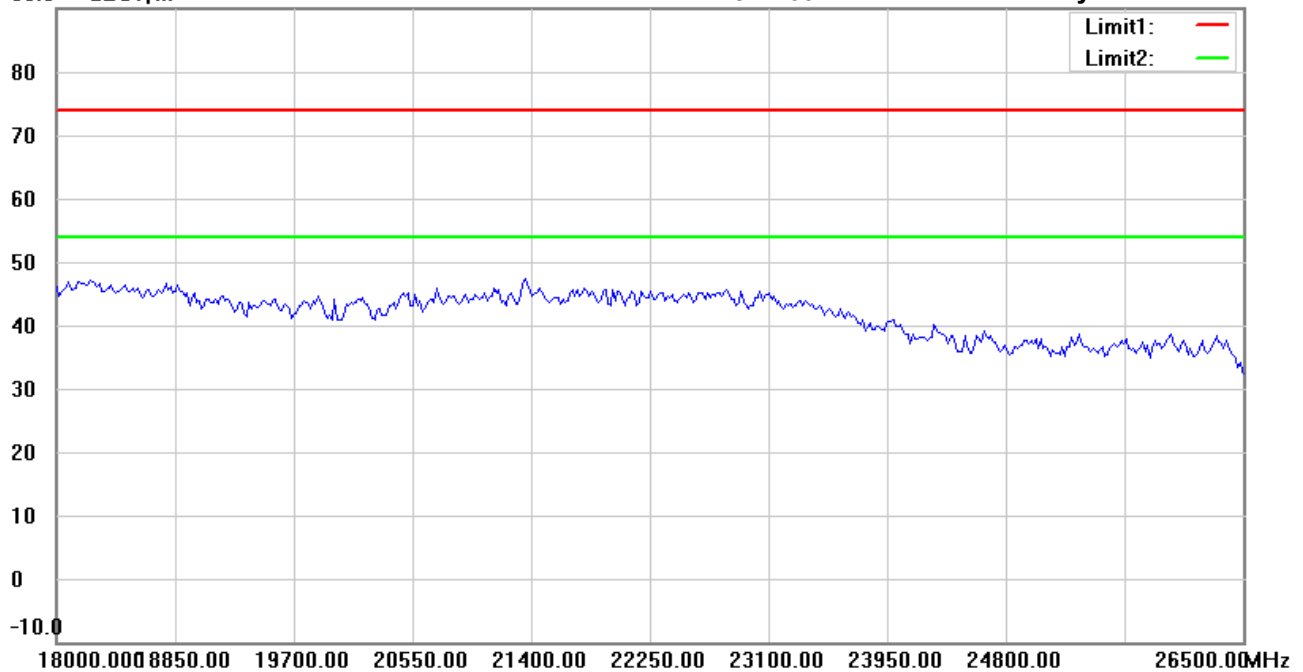
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 7:09:24 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #10

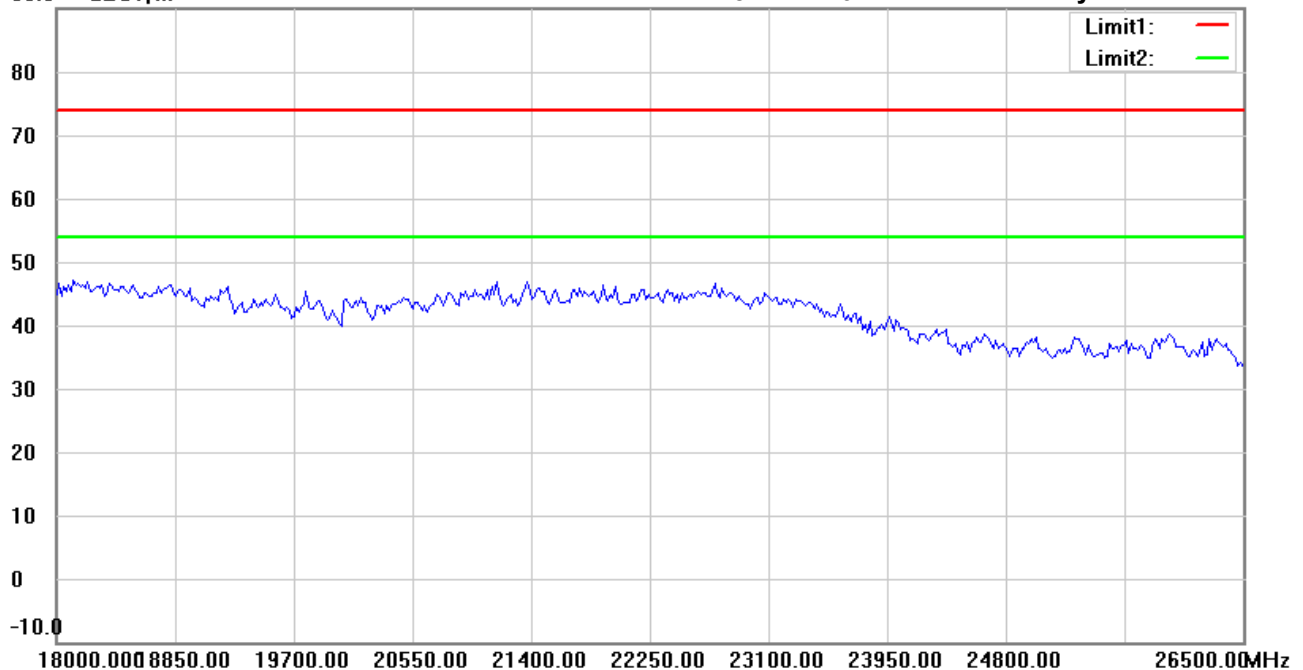
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:12:49 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

File : 3

Data : #1

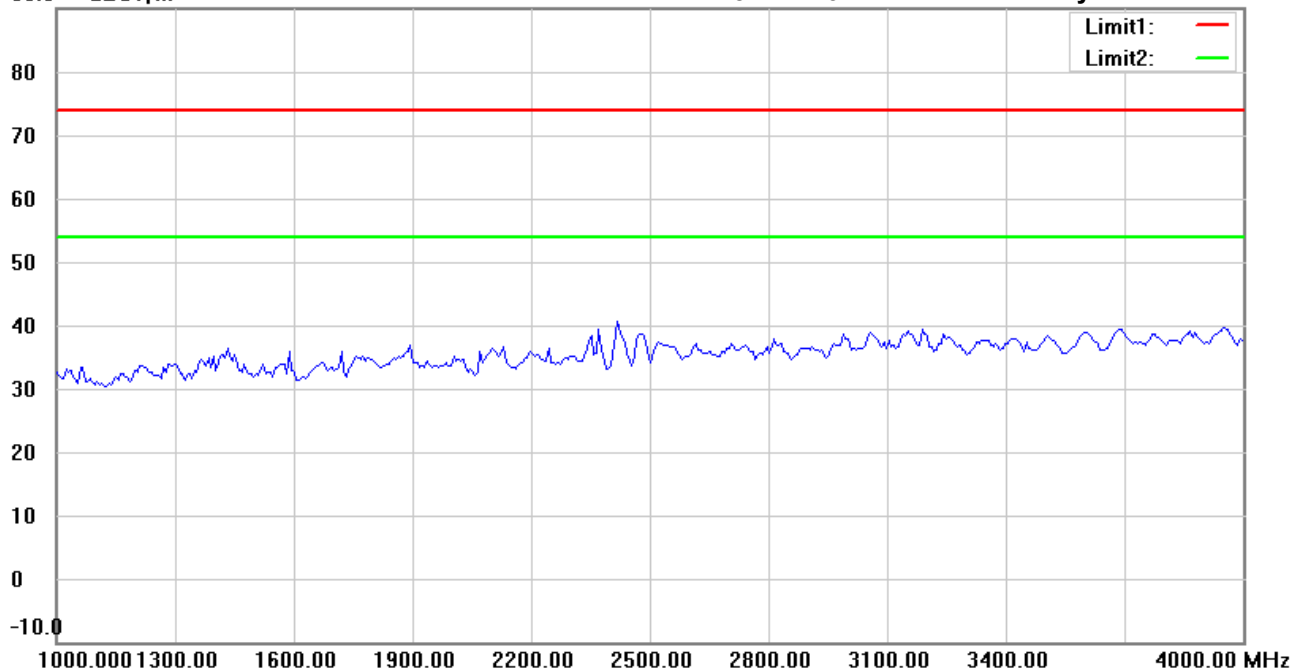
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:21:34 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #6

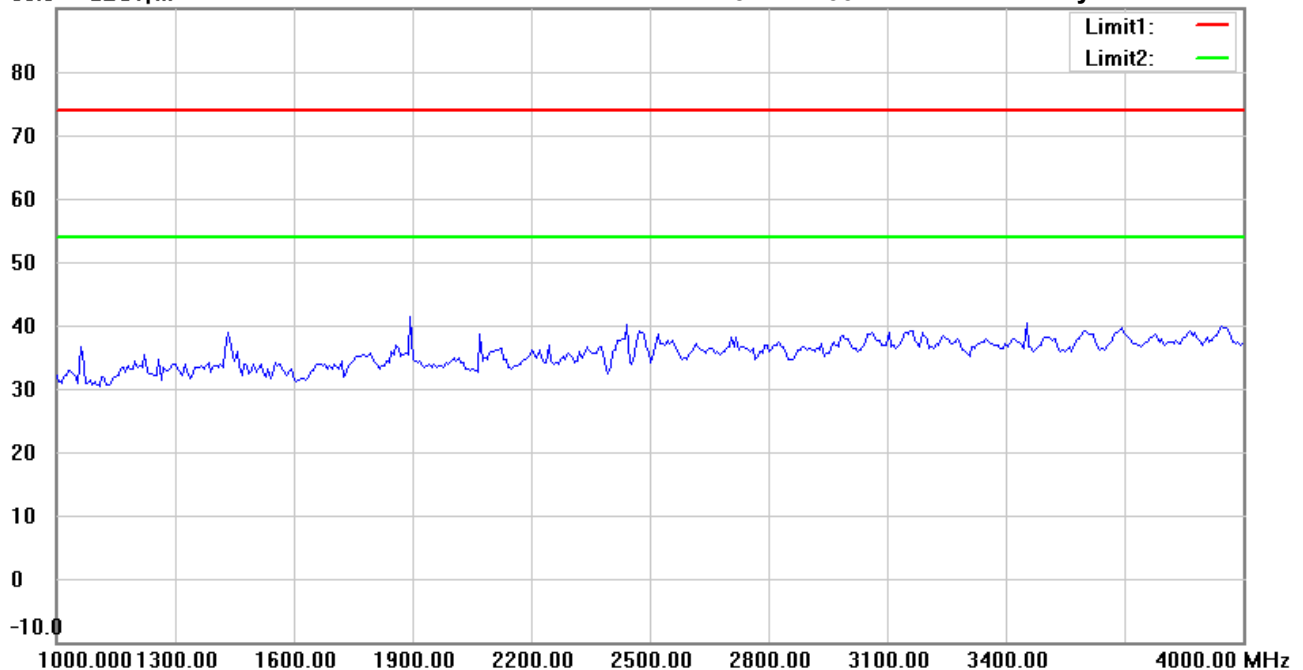
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:24:55 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Vincent

File :3

Data :#2

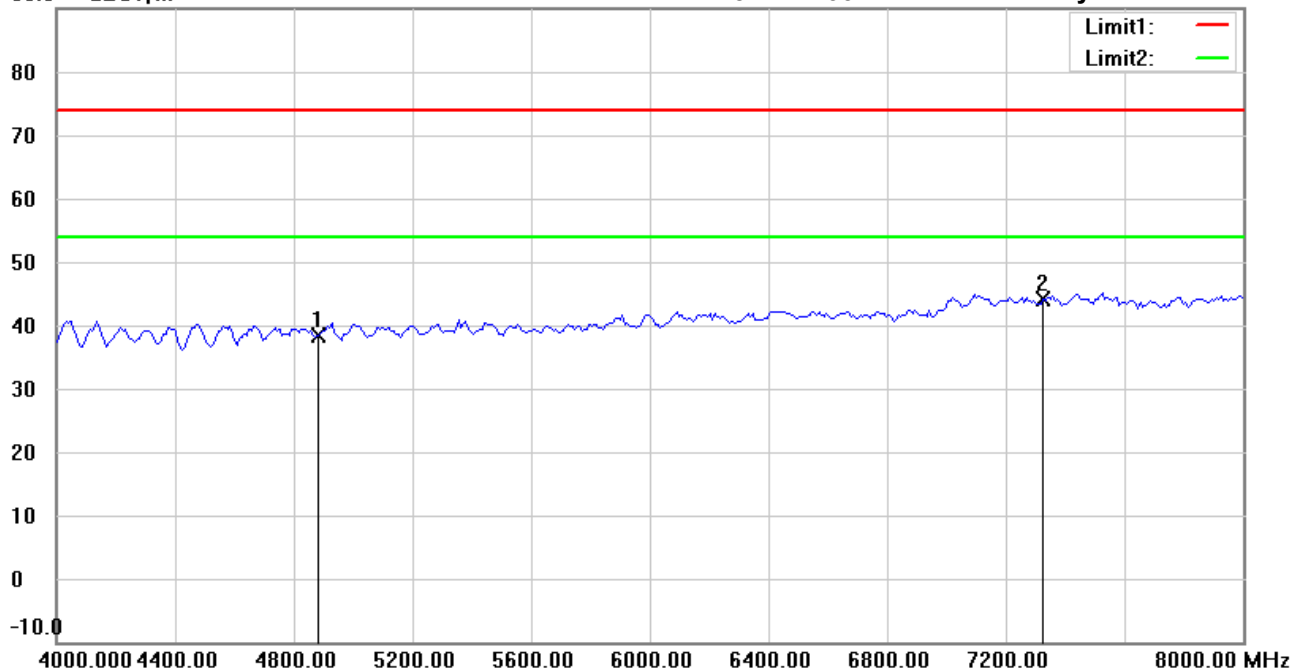
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:22:35 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2440MHz

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
	4880.000	40.08	peak	-1.68	38.40	74.00	150	320	-35.60	
*	7320.000	40.58	peak	3.45	44.03	74.00	150	170	-29.97	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #7

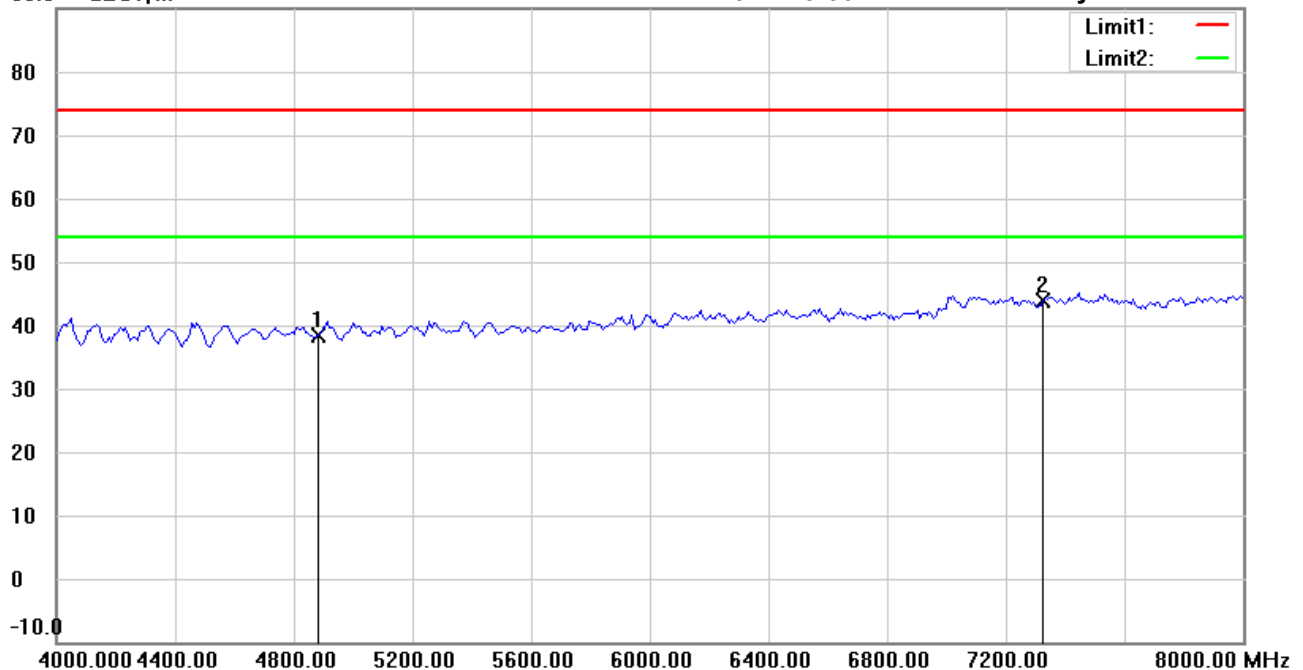
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:25:56 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4880.000	40.05	peak	-1.68	38.37	74.00	150	55	-35.63	
*	7320.000	40.32	peak	3.45	43.77	74.00	150	210	-30.23	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #3

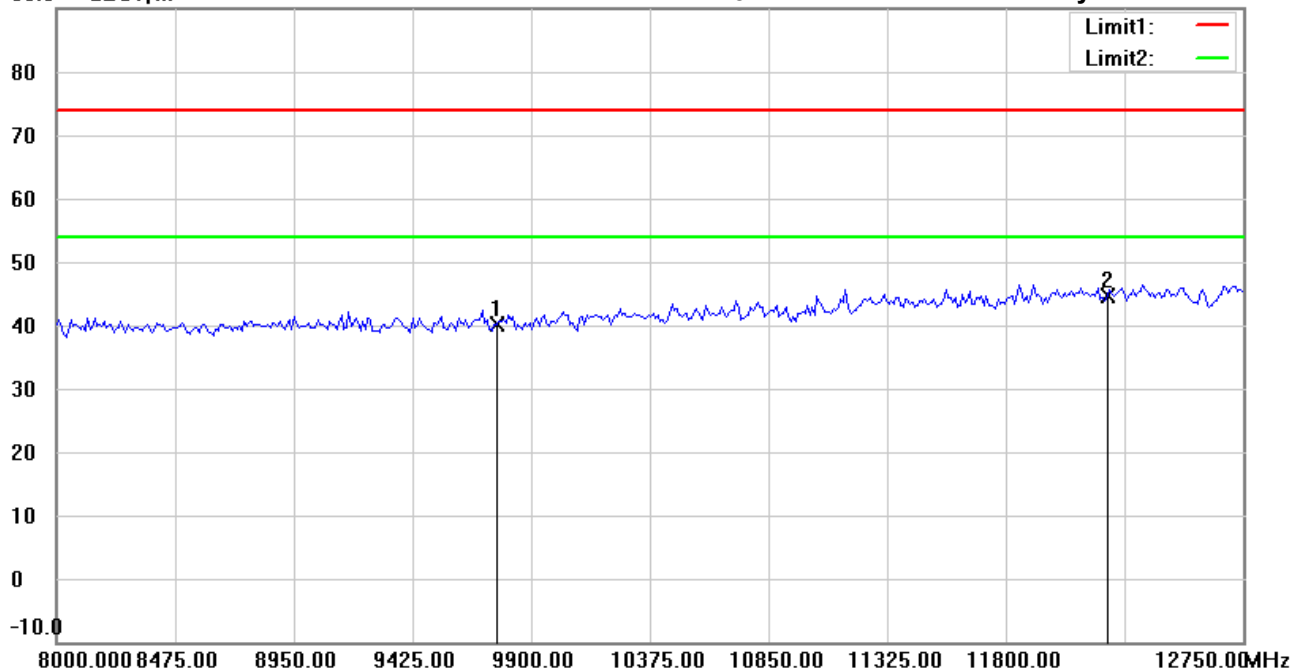
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:22:47 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9760.000	33.27	peak	6.76	40.03	74.00	150	95	-33.97	
*	12200.000	31.79	peak	12.85	44.64	74.00	150	220	-29.36	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

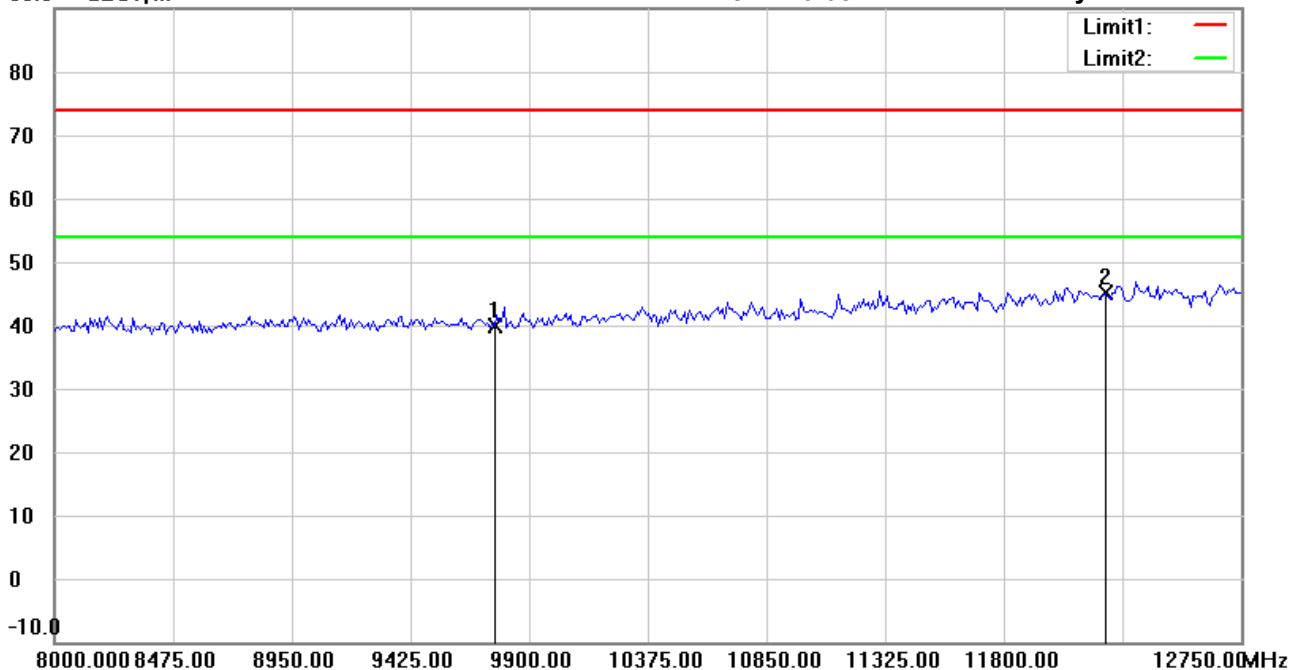
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:26:08 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2440MHz

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
	9760.000	33.15	peak	6.76	39.91	74.00	150	295	-34.09	
*	12200.000	32.21	peak	12.85	45.06	74.00	150	110	-28.94	

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



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

Operator: Vincent

File : 3

Data : #4

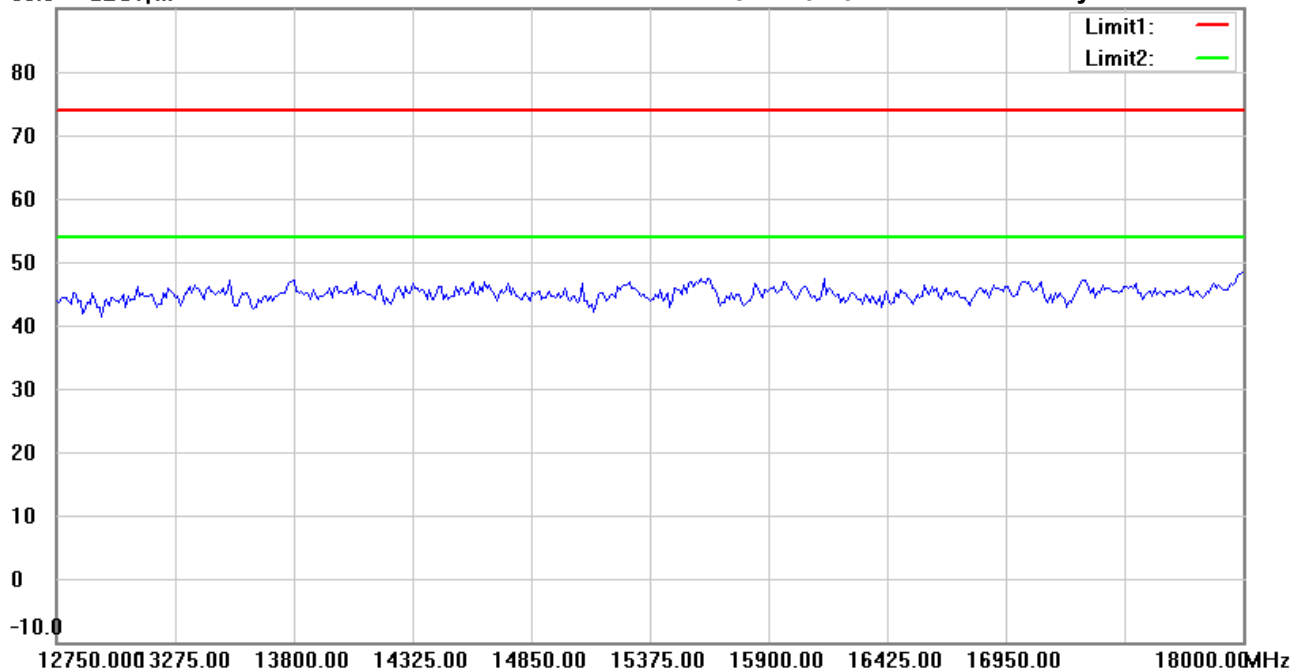
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:23:45 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#9

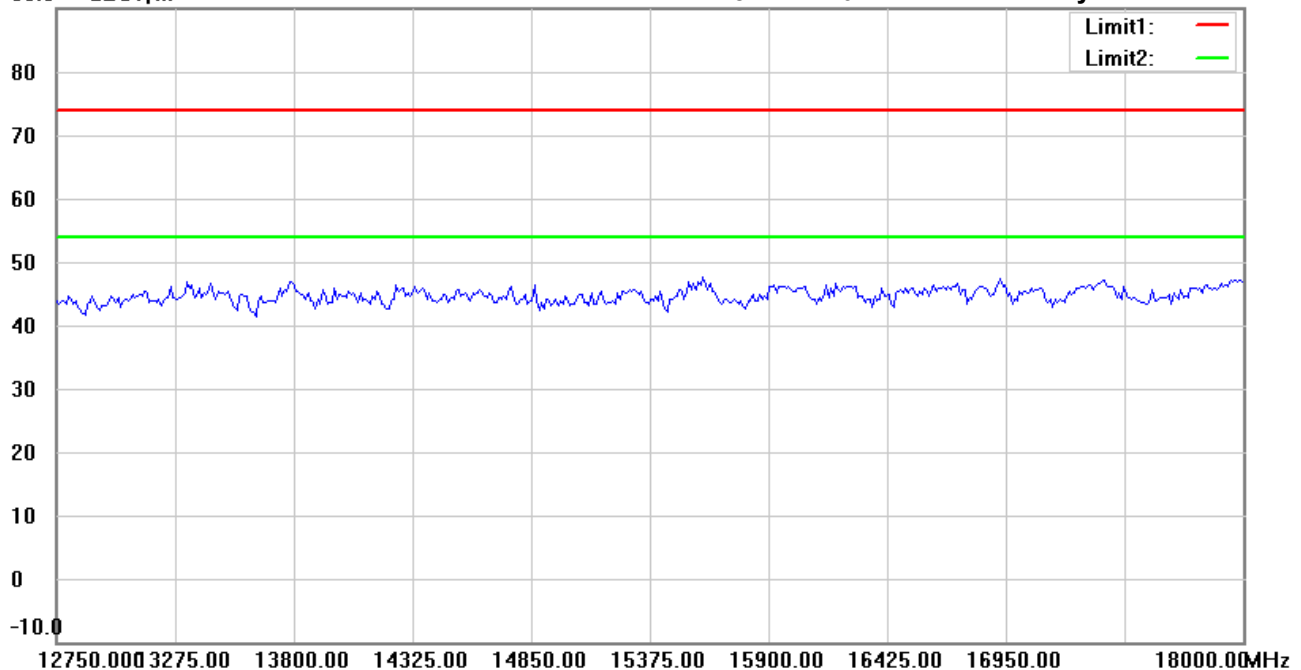
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:27:10 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2440MHz

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: Vincent

File :3

Data :#5

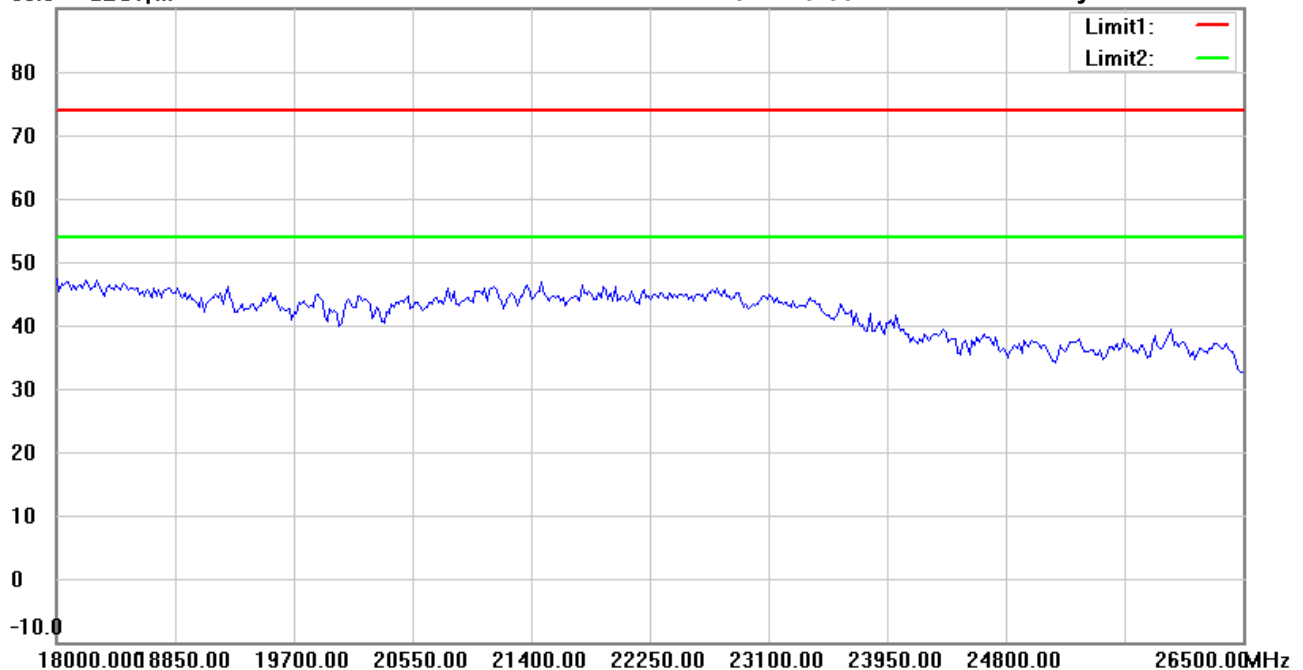
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:23:55 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2440MHz

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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Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3

Data :#10

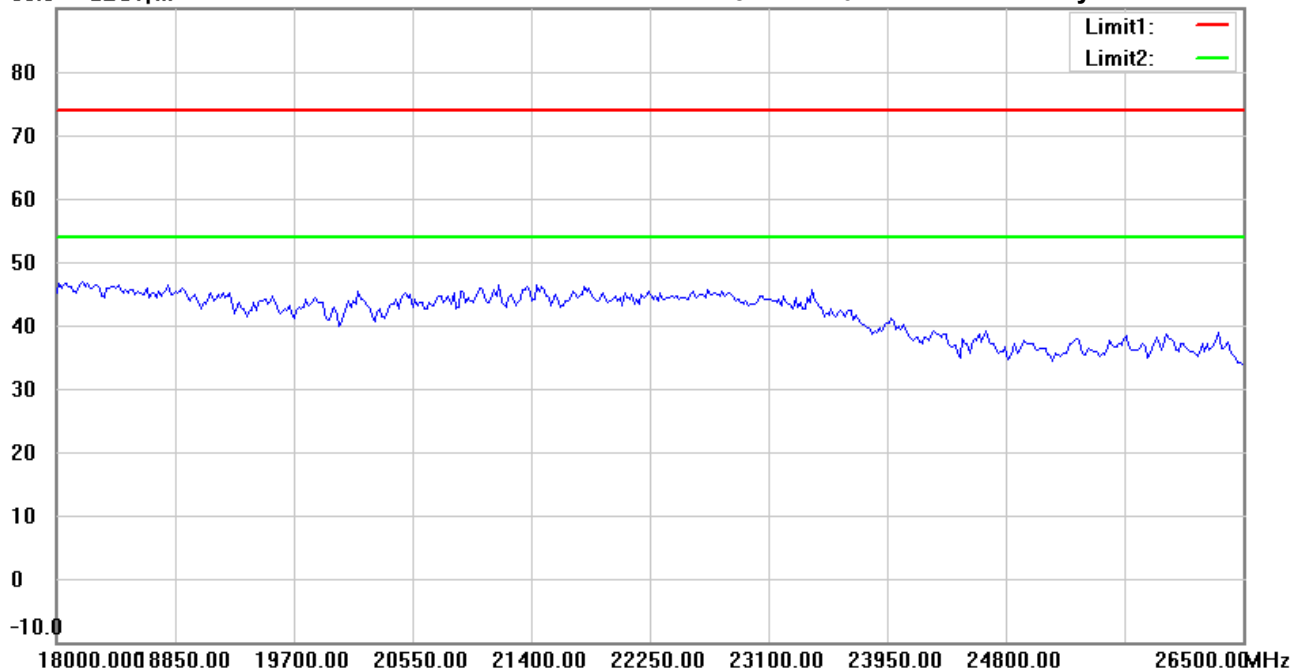
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:27:20 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2440MHz

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
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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#1

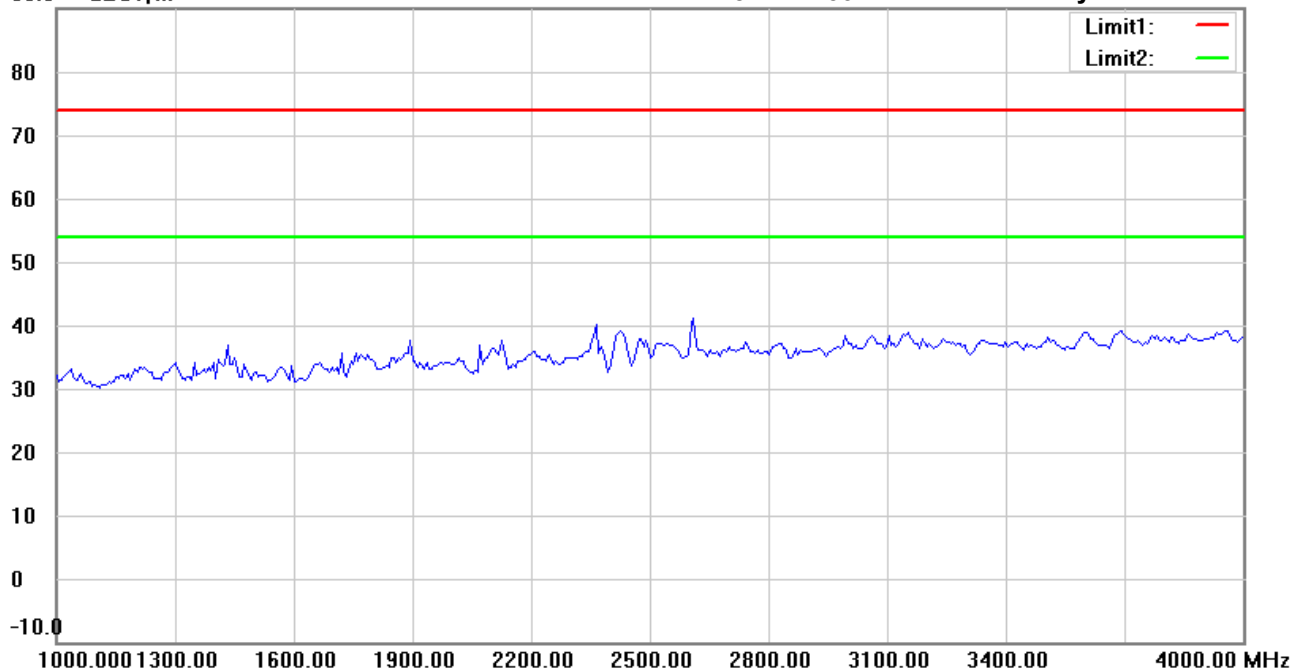
Date: 11/16/2019

Temperature:26.4 °C

90.0 dBuV/m

Time: 7:47:53 PM

Humidity:46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#6

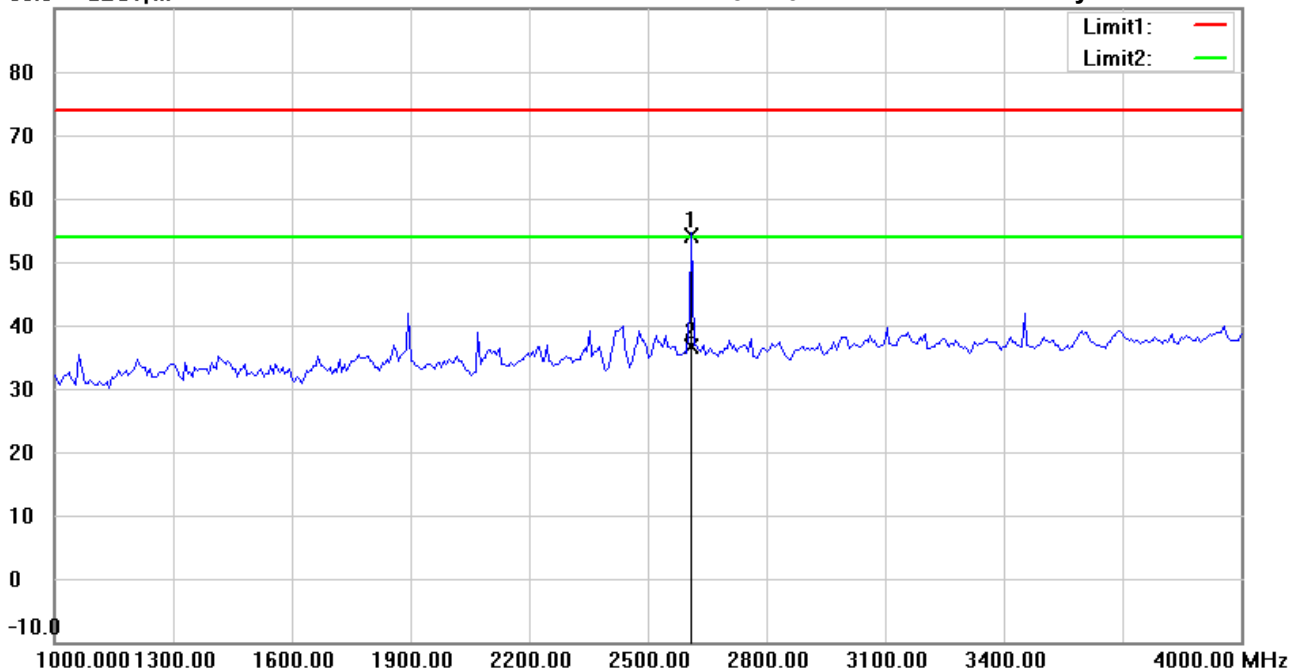
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:51:14 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2608.071	59.31	peak	-5.26	54.05	74.00	150	360	-19.95	
*	2608.071	41.93	AVG	-5.26	36.67	54.00	150	360	-17.33	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #2

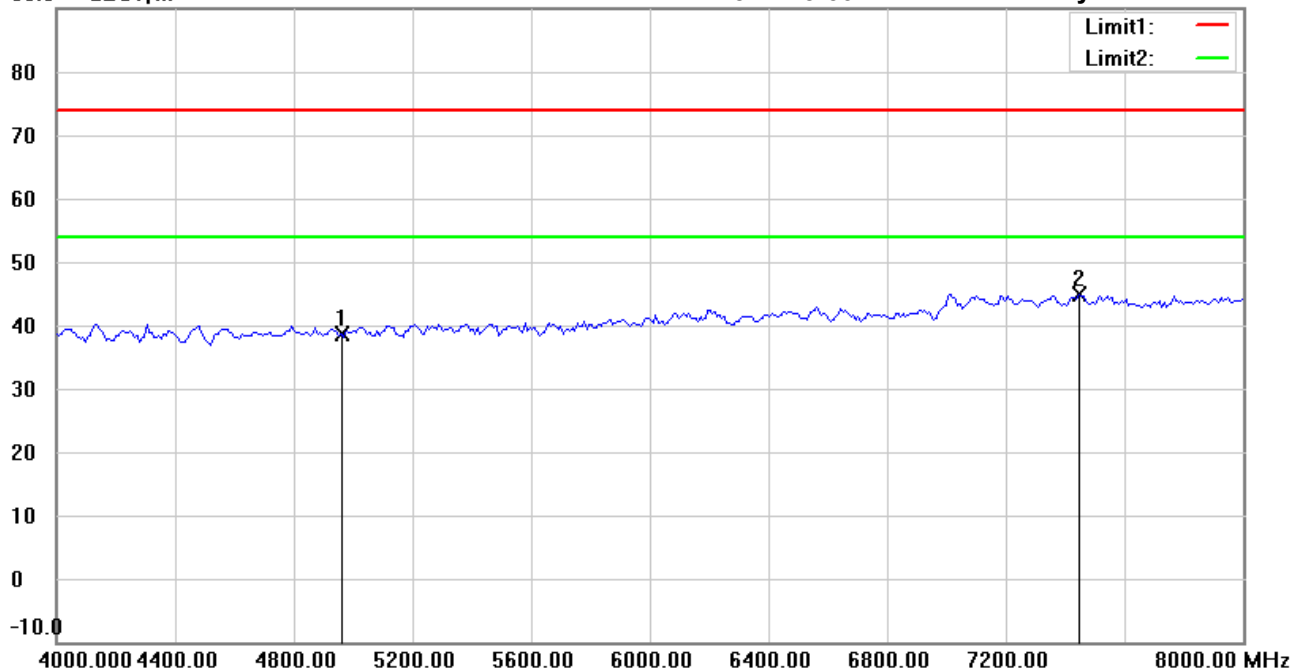
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:48:53 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.000	39.91	peak	-1.35	38.56	74.00	150	280	-35.44	
*	7440.000	41.10	peak	3.72	44.82	74.00	150	305	-29.18	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#7

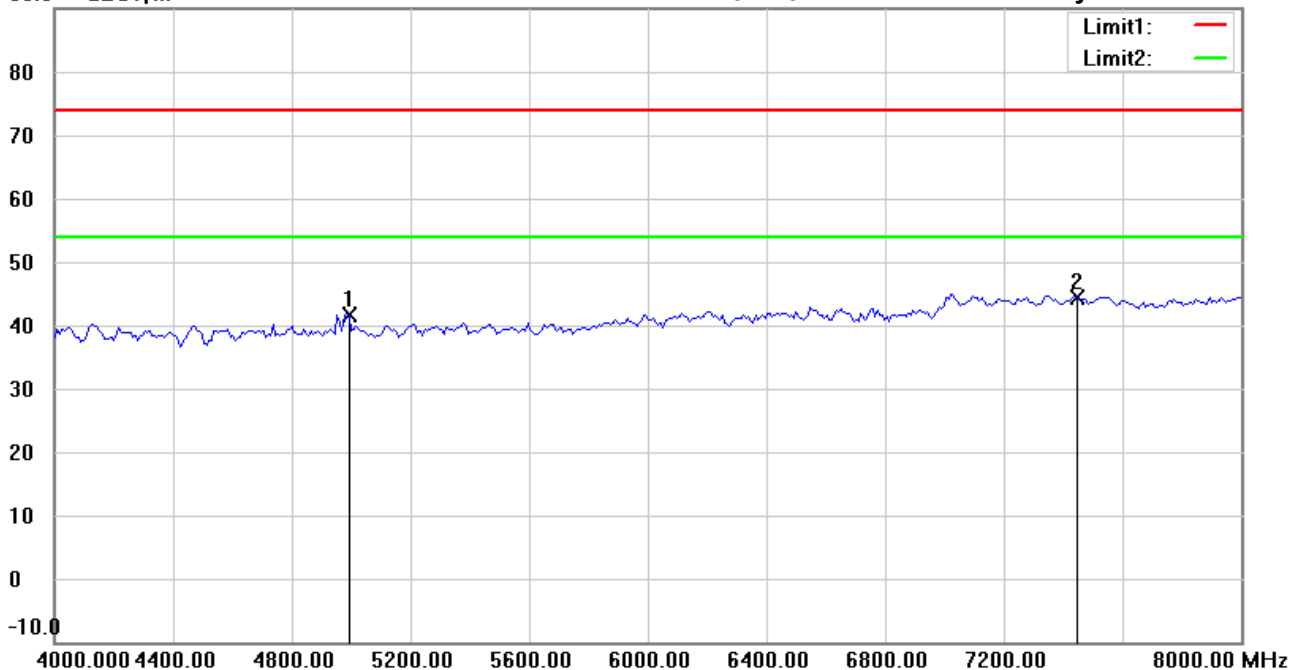
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:52:14 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4993.988	42.75	peak	-1.21	41.54	74.00	150	305	-32.46	
*	7440.000	40.61	peak	3.72	44.33	74.00	150	110	-29.67	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#3

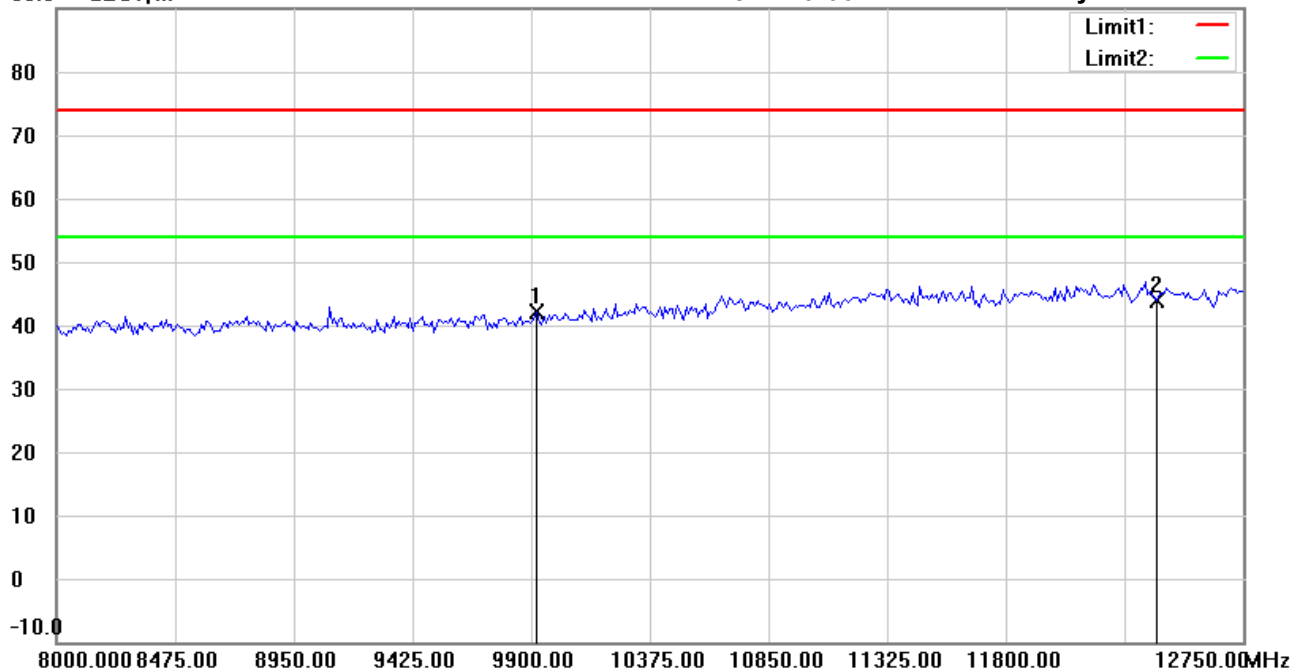
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:49:06 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	34.86	peak	7.16	42.02	74.00	150	250	-31.98	
*	12400.000	31.06	peak	12.75	43.81	74.00	150	170	-30.19	

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



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Radiated Emission Measurement

Operator: Vincent

File :3

Data :#8

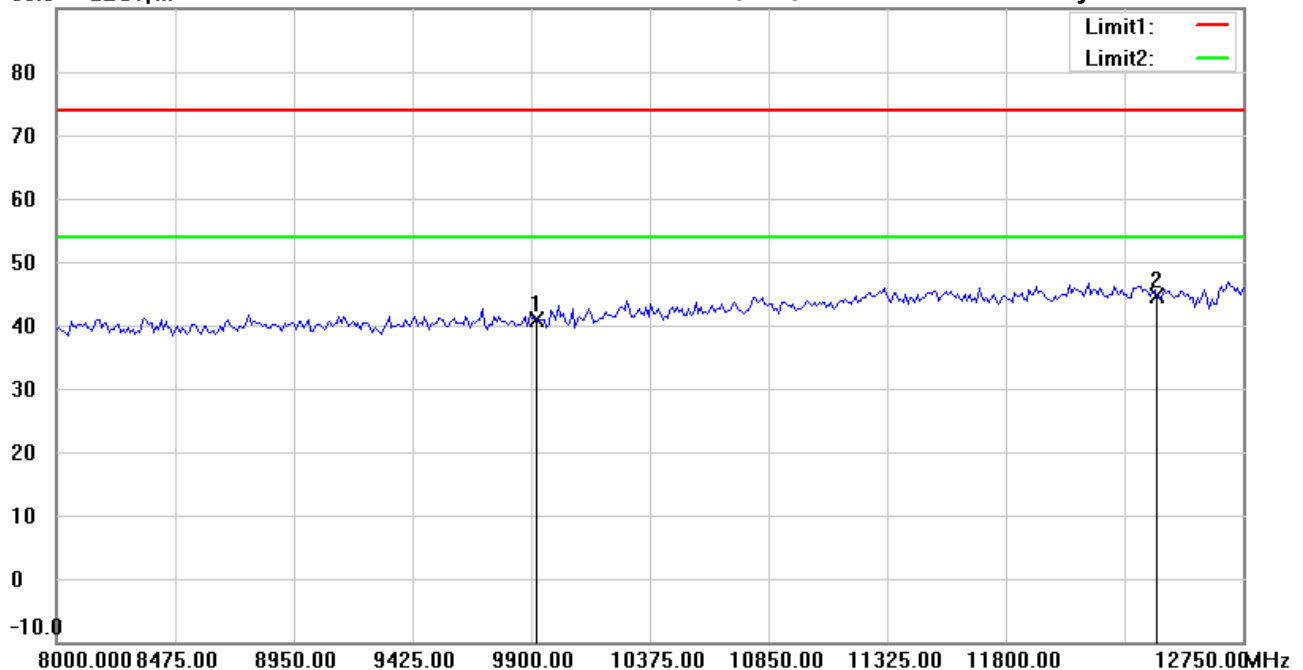
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:52:27 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	33.77	peak	7.16	40.93	74.00	150	150	-33.07	
*	12400.000	31.82	peak	12.75	44.57	74.00	150	220	-29.43	

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #4

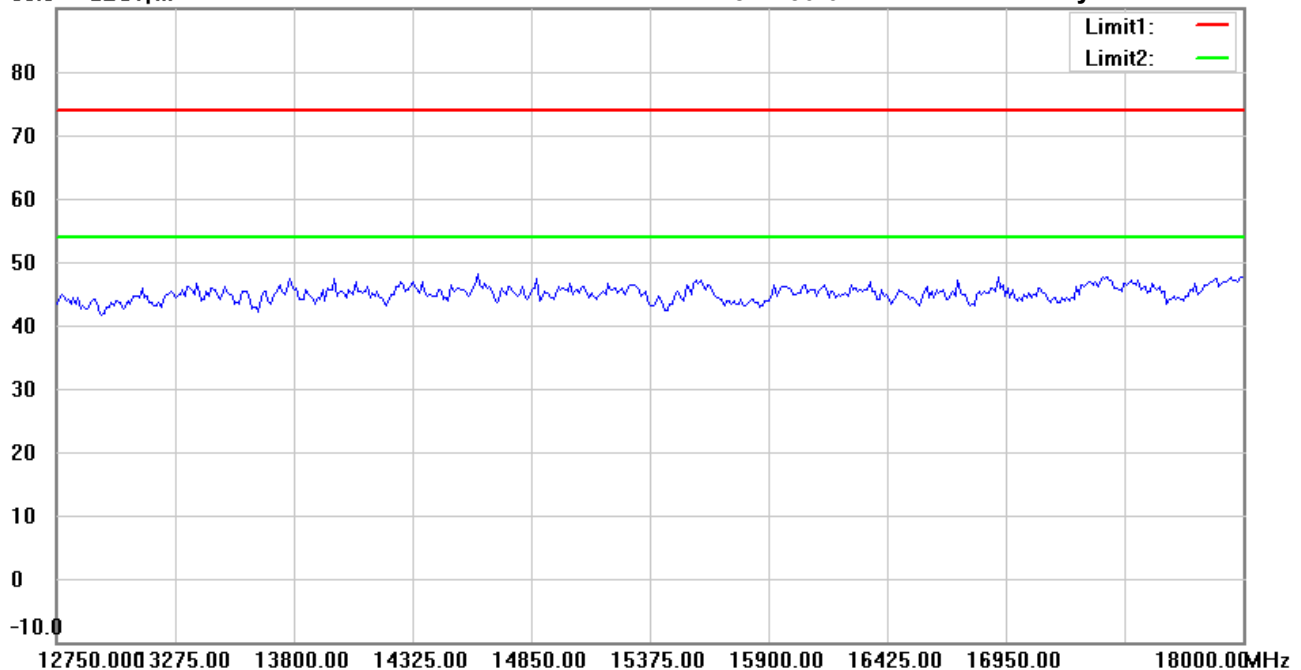
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:50:04 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Horizontal

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #9

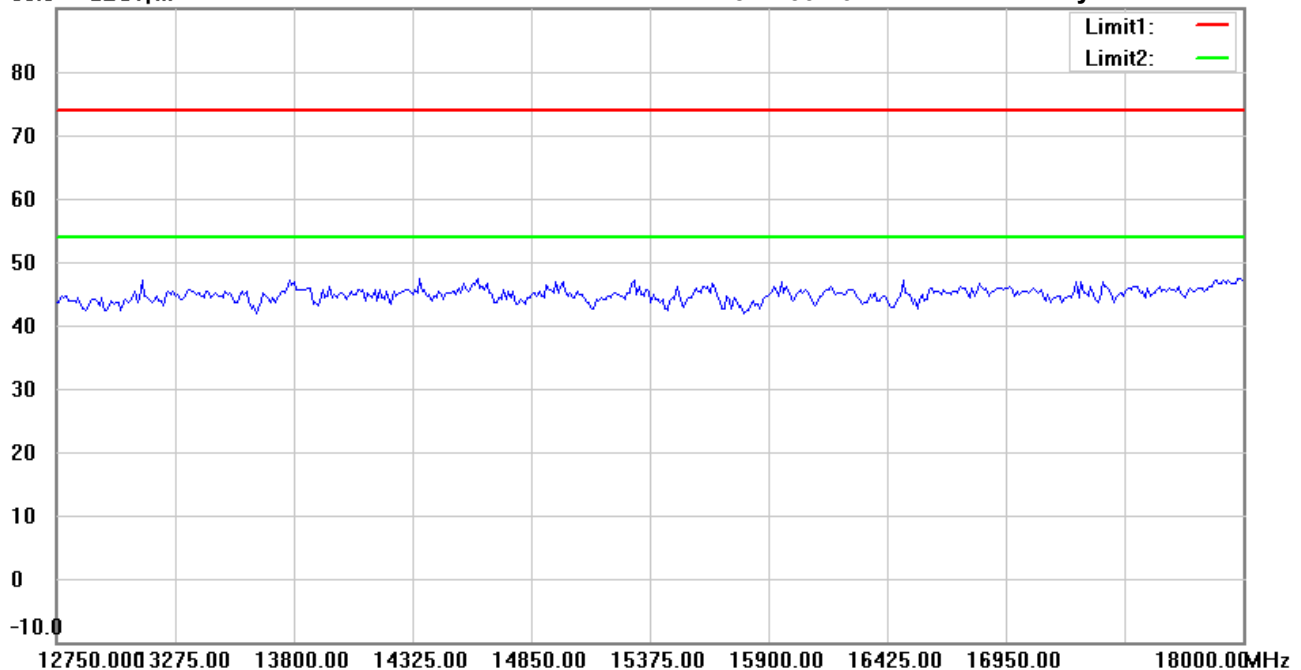
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:53:29 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Vincent

File : 3

Data : #5

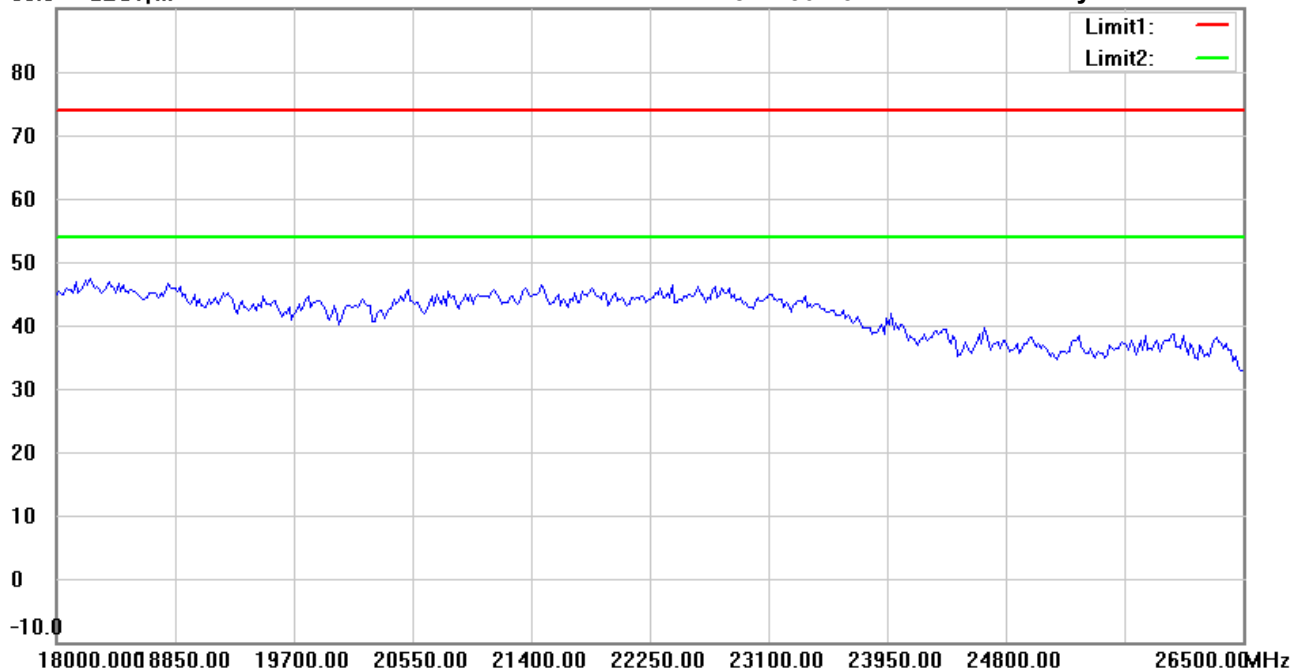
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:50:13 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Vincent

File :3

Data :#10

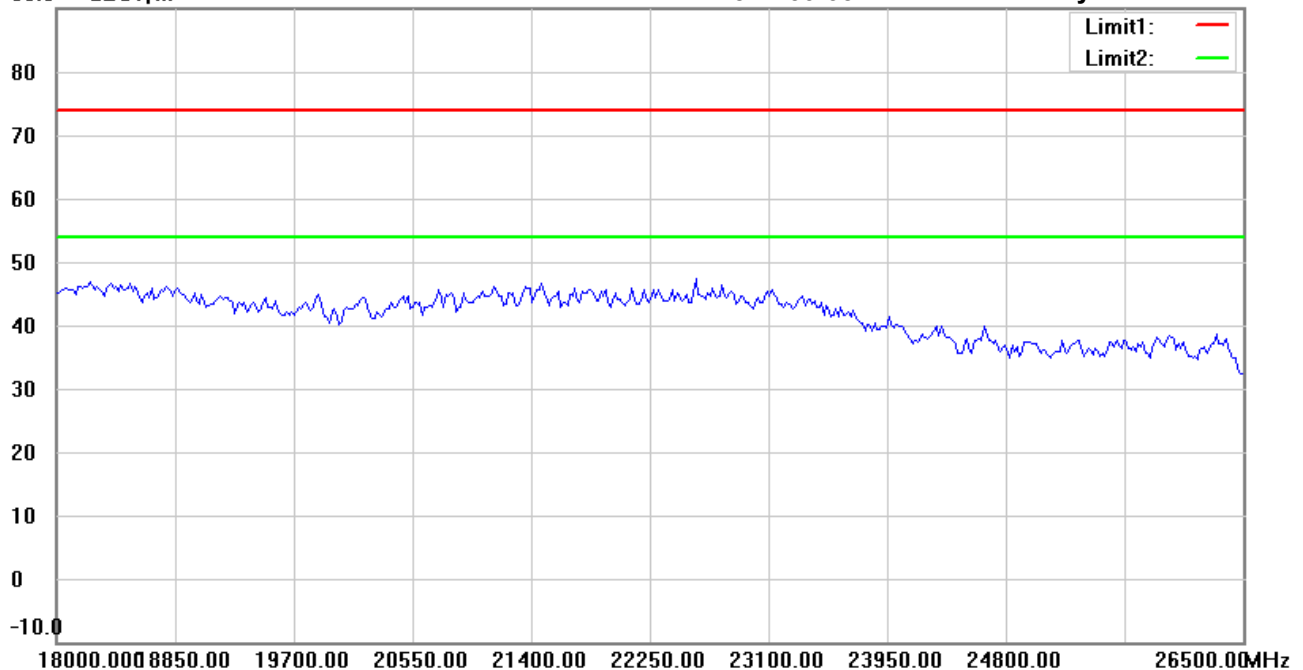
Date: 11/16/2019

Temperature: 26.4 °C

90.0 dBuV/m

Time: 7:53:38 PM

Humidity: 46.2 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21910-19433

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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