

FCC PART 15 SUBPART C TEST REPORT

for

Notebook computer

Model No.: RW14

FCC ID: IR5RW14

of

Applicant: MilDef Crete Inc.

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

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: TW1477, TW0020, TW1072

Industry Canada filed test laboratory Reg. No. 20037

A2LA Accredited No.: 2732.01



Report No.: W6M21911-19475-C-1

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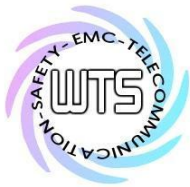


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1 General Information

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:

February 12, 2020

Kent Lin

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

February 12, 2020

Kevin Wang

Date

WTS

Name

Signature



Worldwide Testing Services(Taiwan) Co., Ltd.

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1.2 Testing laboratory

1.2.1 Location

OATS

No.5-1, Lishui, Shuang Sing Village,

Wanli Dist., New Taipei City 207,

Taiwan (R.O.C.)

3 meter semi-anechoic chamber

No.35, Aly. 21, Ln. 228, Ankang Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)

TEL:886-2-6613-0228

FAX:886-2-2791-5046

Company

Worldwide Testing Services(Taiwan) Co., Ltd.

6F, NO. 58, LANE 188, RUEY-KUANG RD.

NEIHU, TAIPEI 114, TAIWAN R.O.C.

Tel : 886-2-66068877

Fax : 886-2-66068879

1.2.2 Details of accreditation status

Accredited testing laboratory

A2LA accredited number: 2732.01

FCC filed test laboratory Reg. No. 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: MilDef Crete Inc.

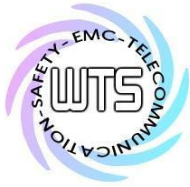
Street: 7F, No. 250, Sec.3, Pei Shen Rd., Shen Keng District,

Town: New Taipei City,

Country: Taiwan R.O.C.

Telephone: +886-2-2662-6074

Fax: +886-2-2662-6079



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1.4 Application details

Date of receipt of test item: November 08, 2019

Date of test: from November 11, 2019 to February 12, 2020

1.5 General information of Test item

Type of test item: Notebook computer

Model Number: RW14

Brand Name: MilDef Crete

Multi-listing model number: ./.

Photos: see Appendix

Technical data

Frequency band: 2.4 GHz – 2.4835 GHz

802.11b, g, n 20MHz

Frequency (ch 1): 2.412 GHz

Frequency (ch 6): 2.437 GHz

Frequency (ch 11): 2.462 GHz

802.11n 40MHz

Frequency (ch 1): 2.422 GHz

Frequency (ch 4): 2.437 GHz

Frequency (ch 7): 2.452 GHz

Bluetooth Normal, EDR

Frequency (ch 0): 2.402 GHz

Frequency (ch 39): 2.441 GHz

Frequency (ch 78): 2.480 GHz

Bluetooth Low Energy 1M, 2M

Frequency (ch 0): 2.402 GHz

Frequency (ch 19): 2.440 GHz

Frequency (ch 39): 2.480 GHz



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Number of Channels: 802.11b, g, n 20MHz: 11 channels, 11n 40MHz: 7 channels
Bluetooth: 79 channels(normal & EDR), 40channels(BLE)

Operation modes: Duplex

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

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

Type of Antenna: PIFA antenna

Antenna gain: ANT 1: 1.78 dBi (WLAN+BT)
ANT 2: 0.87 dBi (WLAN)

Directional gain: 4.35 dBi

According to KDB 662911, Unequal antenna gains, with equal transmit powers. For antenna gains given by $G_1, G_2, \dots, G_N$ dBi. If transmit signals are correlated, then Directional gain $= 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N]$ dBi [Note the "20"s in the denominator of each exponent and the square of the sum of terms; the object is to combine the signal levels coherently.] Each with the same directional gain G_{ANT} dBi, being driven by N_{ANT} transmitter outputs of equal power. Directional gain is to be computed as follows:

If any transmit signals are correlated with each other, Direction gain= $G_{ANT} + 10 \log(N_{ANT})$ dBi

Power supply: Adaptor: I/P: 100-240V~50-60Hz
O/P: 19V, 10.5A
Battery: 10.8V, 6900mAh, 74.52Wh

Emission designator: 802.11b: DSSS: 14M8G1D
802.11g: OFDM: 16M7D1D
802.11n 20MHz: OFDM: 17M9D1D
802.11n 40MHz: OFDM: 36M5D1D

Host device: none

Classification :

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



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Transmitter

Unom

Antenna 1

Mode A (802.11b)

Power (ch 1 or A):	Conducted: 9.35 dBm
Power (ch 6 or B):	Conducted: 10.49 dBm
Power (ch 11 or C):	Conducted: 9.93 dBm

Mode B (802.11g)

Power (ch 1 or A):	Conducted: 9.99 dBm
Power (ch 6 or B):	Conducted: 10.40 dBm
Power (ch 11 or C):	Conducted: 9.63 dBm

Mode C (802.11n 20 MHz)

Power (ch 1 or A):	Conducted: 3.09 dBm
Power (ch 6 or B):	Conducted: 3.07 dBm
Power (ch 11 or C):	Conducted: 4.56 dBm

Mode D (802.11n 40 MHz)

Power (ch 1 or A):	Conducted: 5.58 dBm
Power (ch 4 or B):	Conducted: 7.79 dBm
Power (ch 7 or C):	Conducted: 6.40 dBm

Antenna 2

Mode E (802.11b)

Power (ch 1 or A):	Conducted: 9.27 dBm
Power (ch 6 or B):	Conducted: 9.43 dBm
Power (ch 11 or C):	Conducted: 8.87 dBm

Mode F (802.11g)

Power (ch 1 or A):	Conducted: 8.70 dBm
Power (ch 6 or B):	Conducted: 9.10 dBm
Power (ch 11 or C):	Conducted: 8.62 dBm

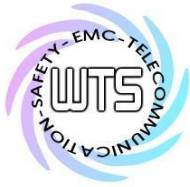
Mode G (802.11n 20 MHz)

Power (ch 1 or A):	Conducted: 2.04 dBm
Power (ch 6 or B):	Conducted: 3.42 dBm
Power (ch 11 or C):	Conducted: 3.39 dBm

Mode H (802.11n 40 MHz)

Power (ch 1 or A):	Conducted: 5.11 dBm
Power (ch 4 or B):	Conducted: 6.88 dBm
Power (ch 7 or C):	Conducted: 5.93 dBm

Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	3.64	4.23	5.04	5.61	6.26	7.02
802.11n 40MHz	6.85	10.89	8.29	8.36	10.37	9.19



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Mode I (Bluetooth Normal mode)

Power (ch 0 or A): Conducted: 4.74 dBm

Power (ch 39 or B): Conducted: 6.08 dBm

Power (ch 78 or C): Conducted: 3.84 dBm

Mode J (Bluetooth EDR mode)

Power (ch 0 or A): Conducted: 3.11 dBm

Power (ch 39 or B): Conducted: 3.85 dBm

Power (ch 78 or C): Conducted: 1.56 dBm

Mode K (Bluetooth Low energy, 1M)

Power (ch 0 or A): Conducted: 1.49 dBm

Power (ch 19 or B): Conducted: 2.03 dBm

Power (ch 39 or C): Conducted: -0.51 dBm

Mode L (Bluetooth Low energy, 2M)

Power (ch 0 or A): Conducted: 1.55 dBm

Power (ch 19 or B): Conducted: 2.08 dBm

Power (ch 39 or C): Conducted: -0.40 dBm

Manufacturer: (if applicable)

Name: ./.

Street: ./.

Town: ./.

Country: ./.

1.6 Test standards

Technical standard : FCC RULES PART 15 SUBPART C § 15.247 (2018-10)



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2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed. ☒

or

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

2.2 Test environment

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Power supply: Adaptor: I/P: 100-240V~50-60Hz
O/P: 19V, 10.5A
Battery: 10.8V, 6900mAh, 74.52Wh

Extreme conditions parameters: ./.

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission	Expanded Uncertainty: AMN: 1.06 dB Voltage probe: 1.12 dB
Estimation Result of Uncertainty of Radiated Emission(3M)	Expanded Uncertainty: 0.009-30 MHz: 1.88 dB 30-1000 MHz: 2.79 dB 1-18 GHz: 2.36 dB 18-40 GHz: 1.55 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: 1.14 dB
Estimation Result of Uncertainty of Power Density Measurement Power density	Expanded Uncertainty: 1.45 dB
Estimation Result of Uncertainty of Band Edge Measurement	Expanded Uncertainty: 1.01 dBc
Estimation Result of Uncertainty of Frequency Separation Measurement Hopping channel separation	Expanded Uncertainty: 554.14 Hz
Estimation Result of Uncertainty of Duty Cycle Measurement Dwell time	Expanded Uncertainty: 0.1 ms

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



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2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	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-EICHELUNG 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	2020/1/23	2021/1/22
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	2020/1/13	2021/1/12

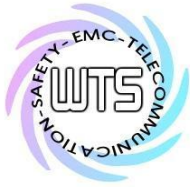


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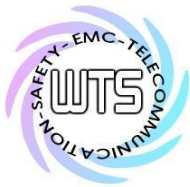
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2019/6/3	2020/6/2
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2019/8/8	2020/8/7
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2019/8/8	2020/8/7
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	2020/1/13	2021/1/12
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2020/1/13	2021/1/12
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2020/1/13	2021/1/12
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2020/1/13	2021/1/12
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2019/9/12	2020/9/11
ETSTW-GSM 024	Radio Communication Analyzer	MT8821C	None	Anritsu	2019/3/5	2020/3/4
ETSTW-GSM 025	Band Reject Filter	BRM19835	001	Micro-Tronics	2019/8/9	2020/8/8
ETSTW-Cable 011	SMA to N type Cable	RGU-400	None	THERMAX	Pre-test Use NCR	
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2019/7/2	2020/7/1
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2019/2/25	2020/2/24
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2019/5/14	2020/5/13
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2019/9/18	2020/9/17
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2019/9/18	2020/9/17
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2019/2/25	2020/2/24
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2019/5/16	2020/5/15
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2019/6/6	2020/6/5
ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2019/5/16	2020/5/15
ETSTW-Cable 066	SMA type cable	32022	None	ASTROLAB	2019/9/24	2020/9/23



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ETSTW-Cable 071	N TYPE CABLE	EMCCFD400-NM-NM-25000	170239	EMCI	2019/6/6	2020/6/5
ETSTW-Cable 072	SMA type cable (8m)	SUCOFLEX 104	805800/4	HUBER+SUHNER	2019/5/16	2020/5/15
ETSTW-Cable 074	SMA type cable (2m)	SUCOFLEX 104	802563/4	HUBER+SUHNER	2019/5/16	2020/5/15
WTSTW-SW 002	EMI TEST SOFTWARE	EZ EMC	None	Farad	Version ETS-03A1	
WTSTW-SW 006	EMI TEST SOFTWARE	e3	None	AUDIX	Version 9.161014	
WTSTW-SW 008	Signal studio	Agilent	None	AUDIX	Version 2.0.0.1	
ETSTW-TH 001	Thermohygrometer	608-H1	45204316	Testo	2019/9/9	2020/9/8
ETSTW-TH 002	Thermohygrometer	608-H1	45204317	Testo	2019/9/9	2020/9/8



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2.4 General Test Procedure

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

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

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

Example:

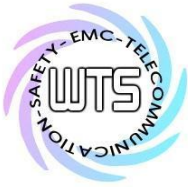
Freq (MHz)	METER READING + ACF + CABLE LOSS (to the receiver) = FS
33	20 dB μ V + 10.36 dB + 6 dB = 36.36 dB μ V/m @3m

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

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

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

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



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

The formula is as follows:

Average = Peak + Duty Factor

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

T = 100ms when the pulse train period is over 100 ms or the period of the pulse train.

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

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



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3 Test results (enclosure)

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

Note:

1. This EUT incorporates a MIMO function with IEEE 802.11b, 802.11g, and 802.11n. Physically, this EUT includes two transmitters and two receivers with two incoherent streams. This device uses multiplexing and also employ cyclic delay diversity to improve range and throughput, and this device simultaneously operates on two adjacent channels.
2. This EUT is 2*2 spatial MIMO (2Tx&2Rx) without beam forming function. That operates dual chain configuration. The Pre-test was performed to determine the worst case mode from all possible combinations between all available modulations, data rates, bandwidths, and spatial stream modes.
3. The detail of chosen mode for full testing are as below:

Mode	Available channel	Chosen Channel	Modulation Technology	Modulation Type	Data Rate (Mbps)
802.11b	1 to 11	1,6,11	DSSS	DBPSK, DQPSK, CCK	1
802.11g	1 to 11	1,6,11	OFDM	BPSK, QPSK, 16QAM, 64QAM	6
802.11n (20MHz)	1 to 11	1,6,11	OFDM	BPSK, QPSK, 16QAM, 64QAM	6.5
802.11n (40MHz)	1 to 7	1,4,7	OFDM	BPSK, QPSK, 16QAM, 64QAM	13.5



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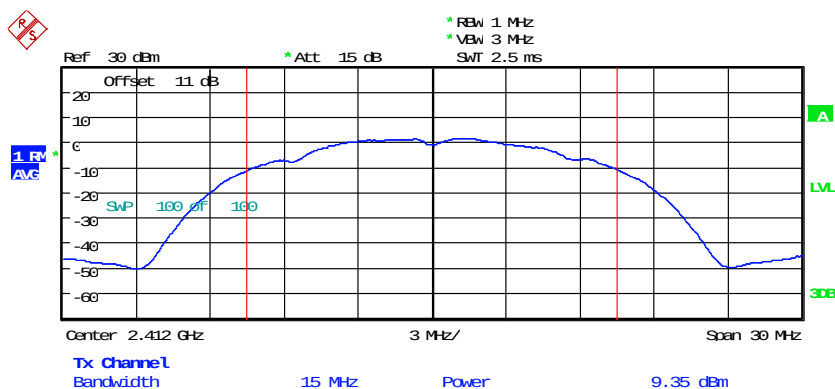
3.1 Peak Output Power (transmitter)

FCC Rule: 15.247(b)(3)

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

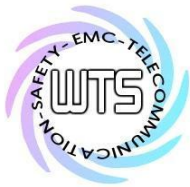
The power was measured with modulation (declared by the applicant).

Mode A

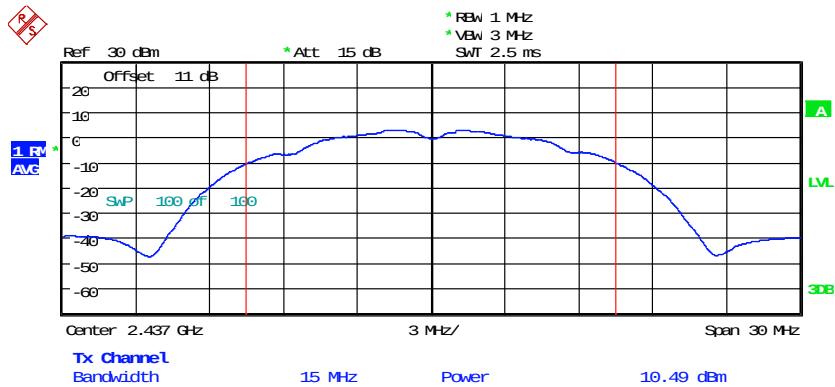


MAX OUTPUT POWER 802.11B CH01

Date: 26.NOV.2019 19:12:29

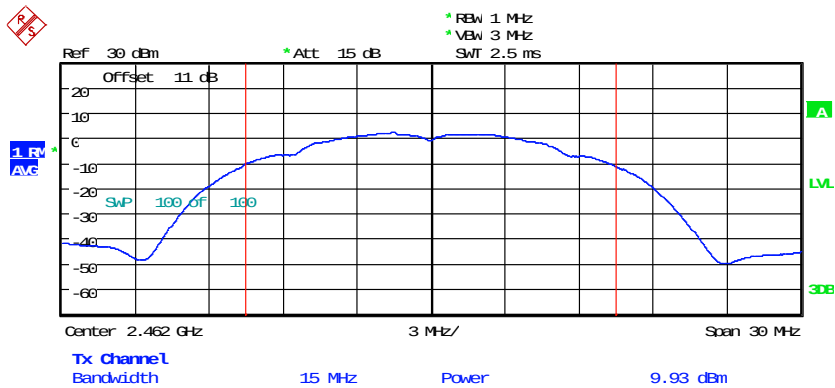


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



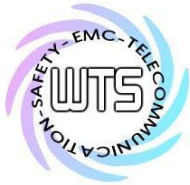
MAX OUTPUT POWER 802.11B CH06

Date: 26.NOV.2019 19:13:33



MAX OUTPUT POWER 802.11B CH11

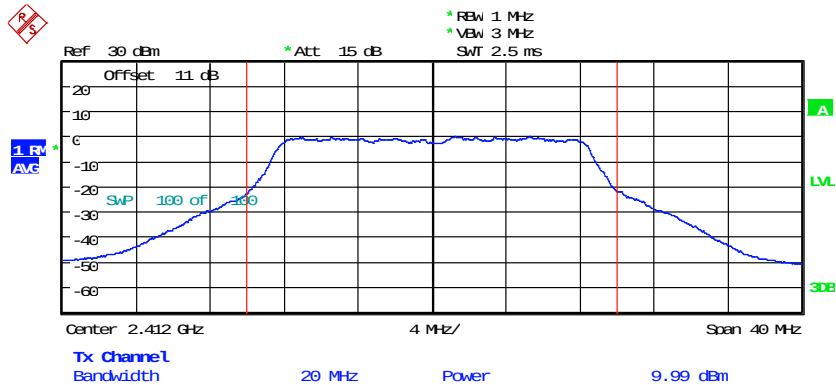
Date: 26.NOV.2019 19:14:36



Registration number: W6M21911-19475-C-1

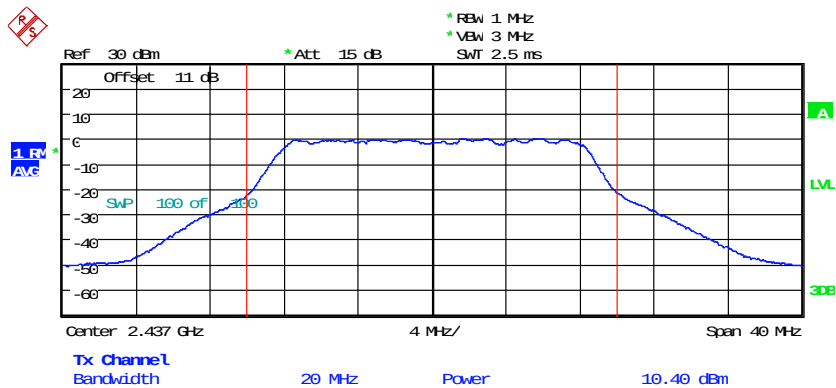
FCC ID: IR5RW14

Mode B



MAX OUTPUT POWER 802.11G CH01

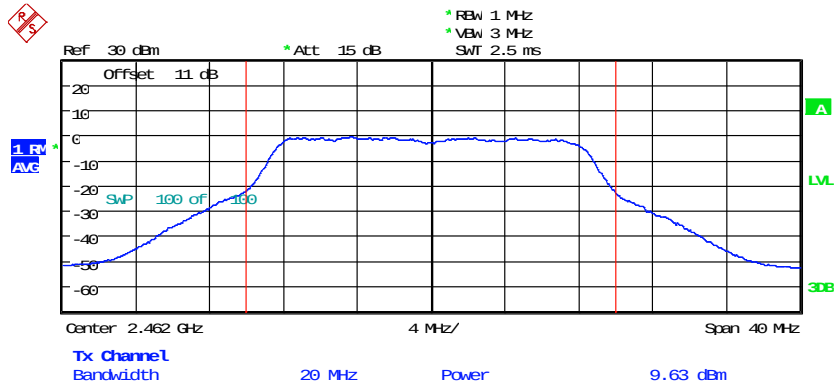
Date: 26.NOV.2019 19:15:42



MAX OUTPUT POWER 802.11G CH06

Date: 26.NOV.2019 19:16:42

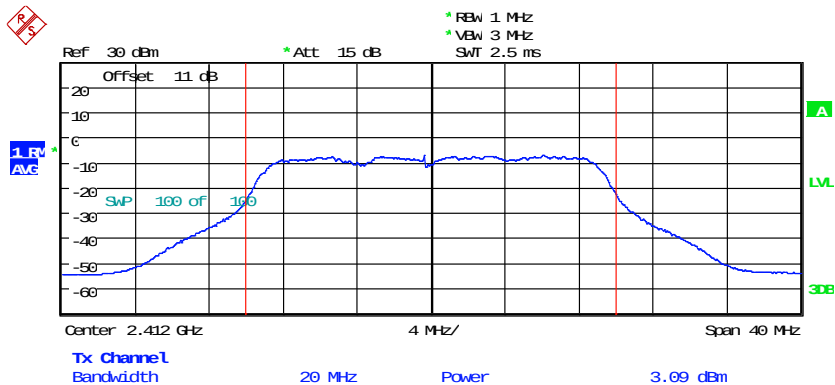
Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



MAX OUTPUT POWER 802.11G CH11

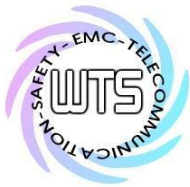
Date: 26.NOV.2019 19:17:42

Mode C

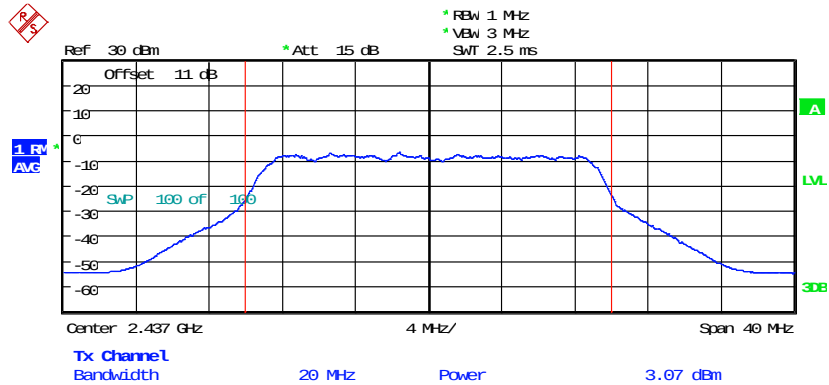


MAX OUTPUT POWER 802.11N 20MHZ CH1

Date: 26.NOV.2019 19:18:54

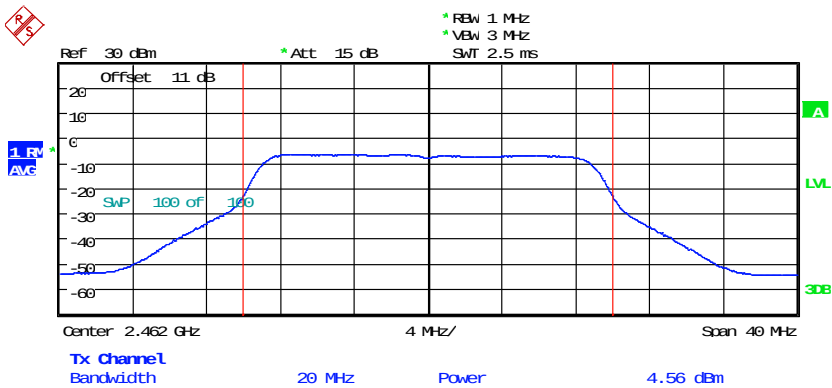


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



MAX OUTPUT POWER 802.11N 20MHZ CH6

Date: 26.NOV.2019 19:19:56



MAX OUTPUT POWER 802.11N 20MHZ CH11

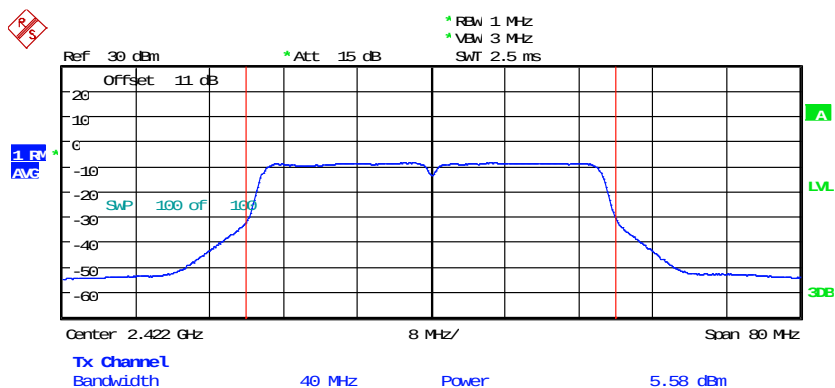
Date: 26.NOV.2019 19:21:01



Registration number: W6M21911-19475-C-1

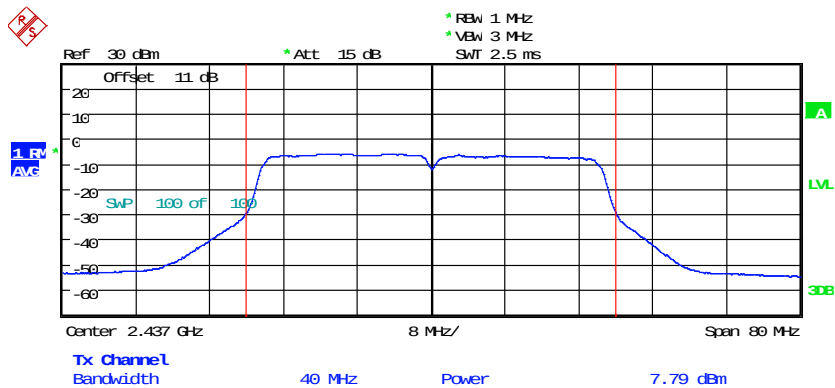
FCC ID: IR5RW14

Mode D



MAX OUTPUT POWER 802.11N 40MHZ CH1

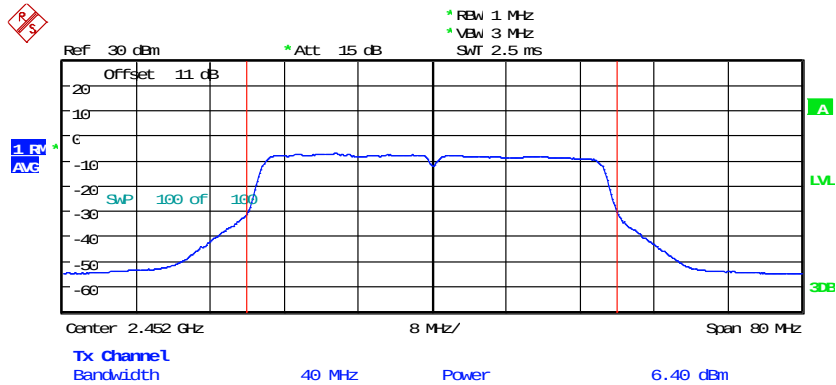
Date: 26.NOV.2019 19:22:07



MAX OUTPUT POWER 802.11N 40MHZ CH4

Date: 26.NOV.2019 19:23:17

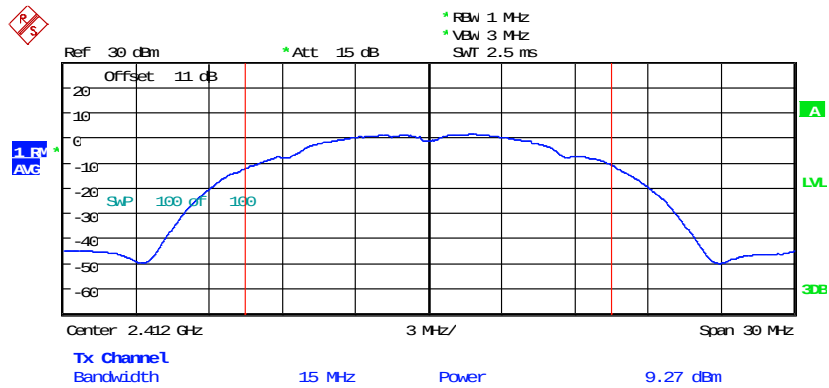
Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



MAX OUTPUT POWER 802.11N 40MHZ CH7

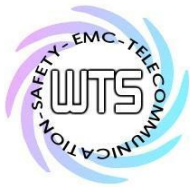
Date: 26.NOV.2019 19:24:20

Mode E

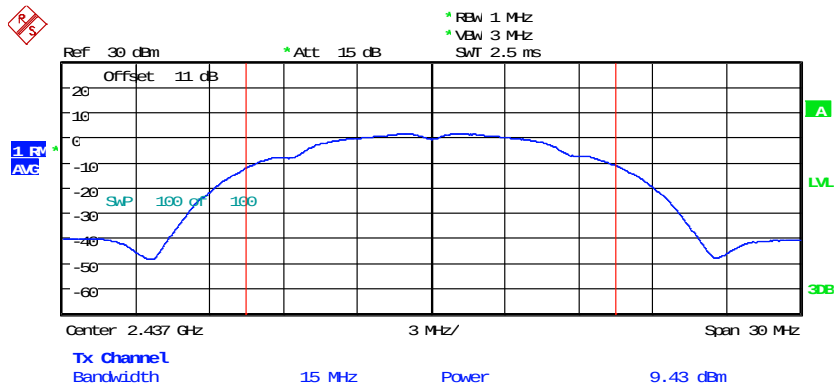


MAX OUTPUT POWER 802.11B CH01

Date: 26.NOV.2019 19:41:58

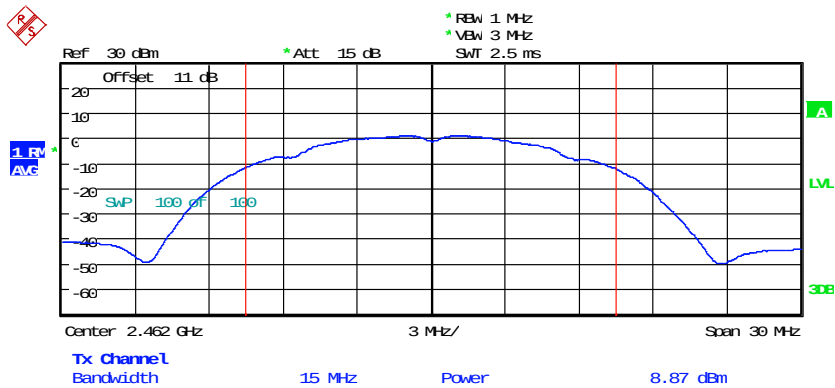


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



MAX OUTPUT POWER 802.11B CH06

Date: 26.NOV.2019 19:42:59



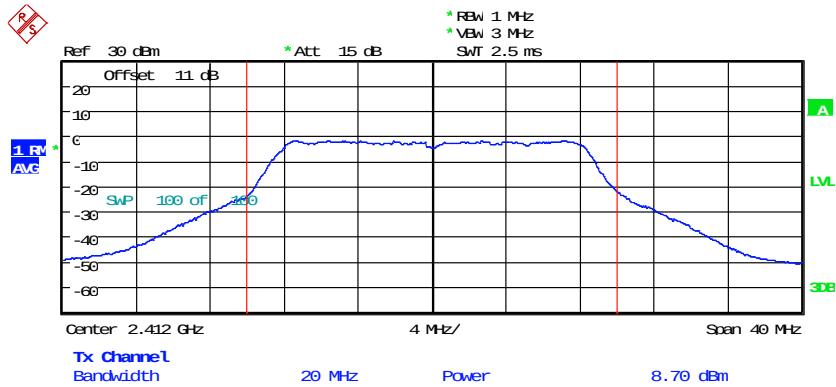
MAX OUTPUT POWER 802.11B CH11

Date: 26.NOV.2019 19:43:54

Registration number: W6M21911-19475-C-1

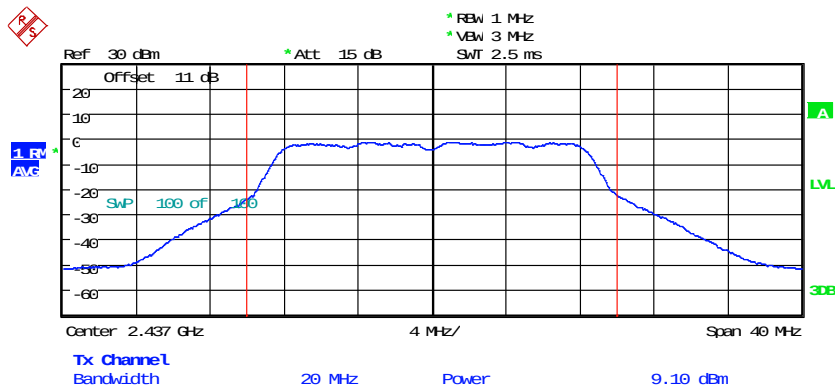
FCC ID: IR5RW14

Mode F



MAX OUTPUT POWER 802.11G CH01

Date: 26.NOV.2019 19:44:43

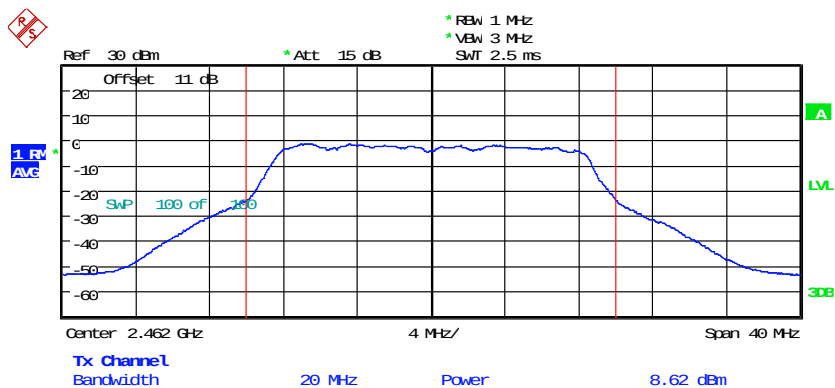


MAX OUTPUT POWER 802.11G CH06

Date: 26.NOV.2019 19:46:46

Registration number: W6M21911-19475-C-1

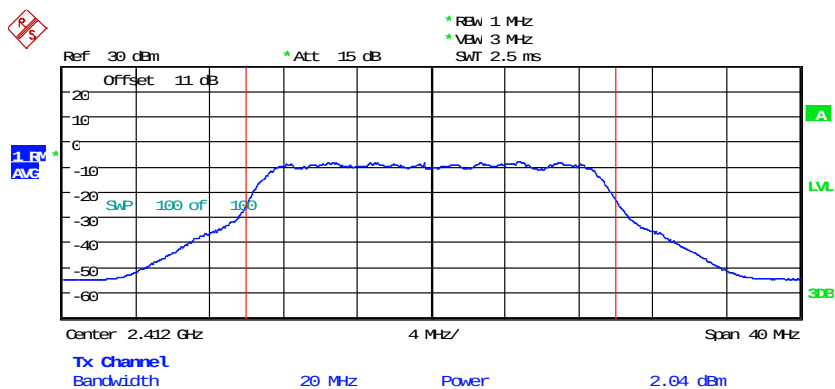
FCC ID: IR5RW14



MAX OUTPUT POWER 802.11G CH11

Date: 26.NOV.2019 19:47:41

Mode G



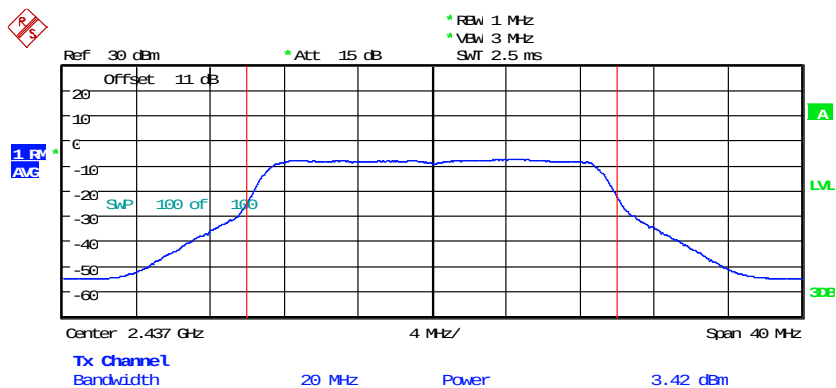
MAX OUTPUT POWER 802.11N 20MHZ CH1

Date: 26.NOV.2019 19:49:23



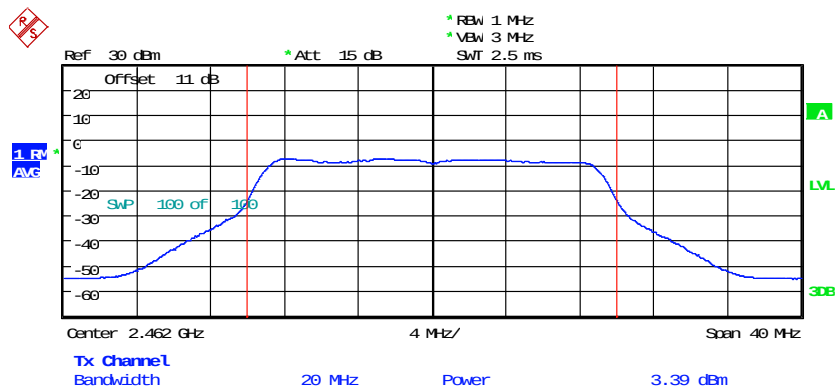
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



MAX OUTPUT POWER 802.11N 20MHZ CH6

Date: 26.NOV.2019 19:51:09



MAX OUTPUT POWER 802.11N 20MHZ CH11

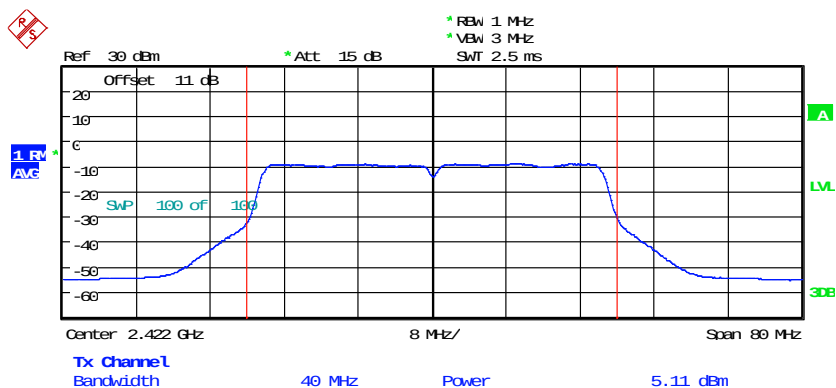
Date: 26.NOV.2019 19:51:56



Registration number: W6M21911-19475-C-1

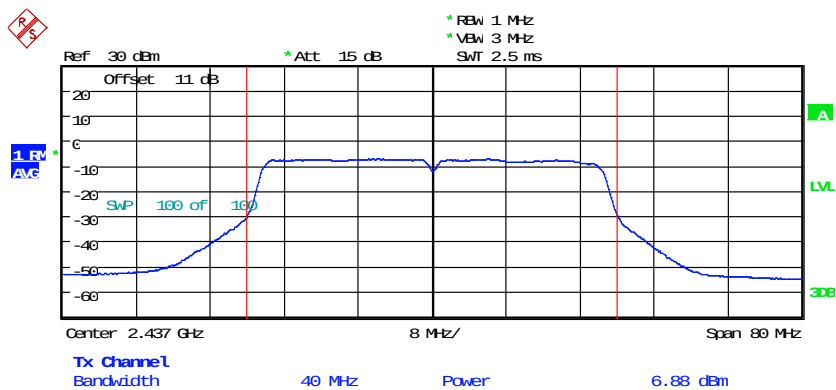
FCC ID: IR5RW14

Mode H



MAX OUTPUT POWER 802.11N 40MHZ CH1

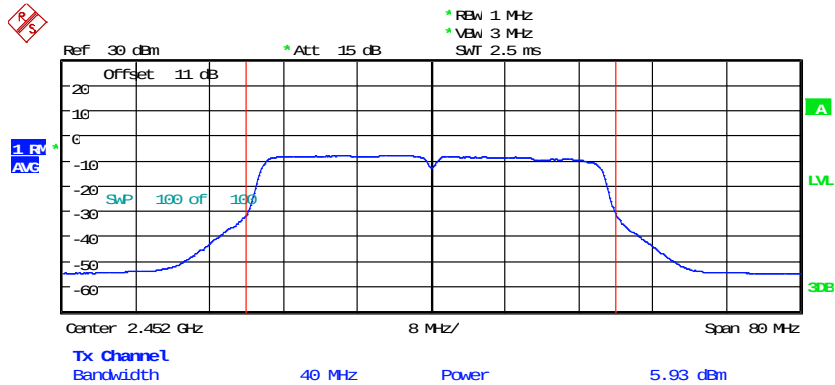
Date: 26.NOV.2019 19:53:09



MAX OUTPUT POWER 802.11N 40MHZ CH4

Date: 26.NOV.2019 19:54:04

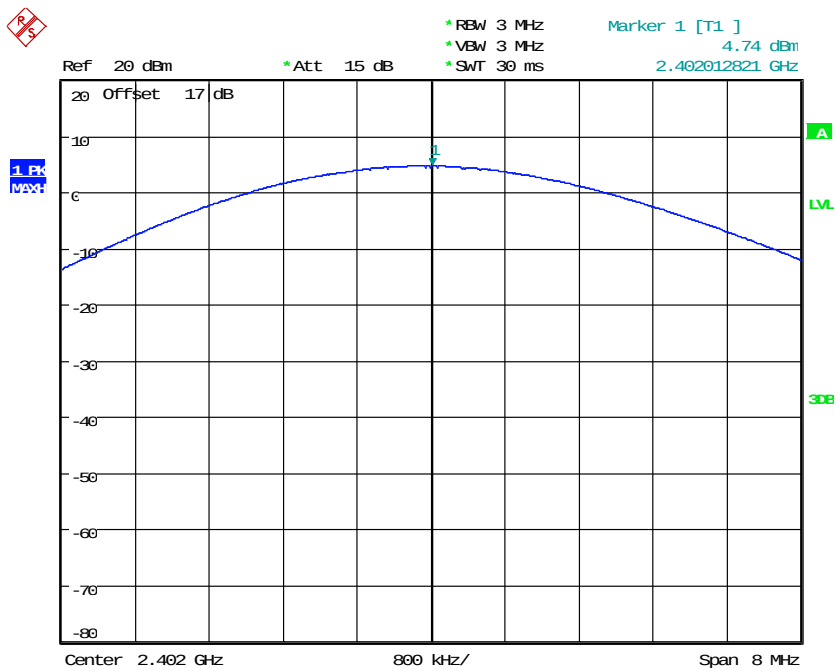
Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



MAX OUTPUT POWER 802.11N 40MHZ CH7

Date: 26.NOV.2019 19:55:01

Mode I



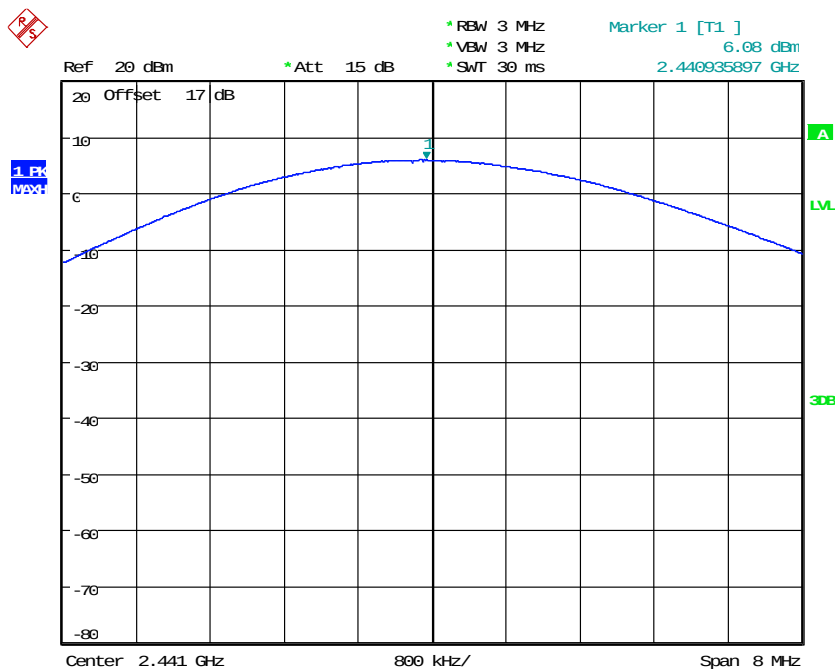
MAX OUTPUT POWER CH0

Date: 26.NOV.2019 17:22:54



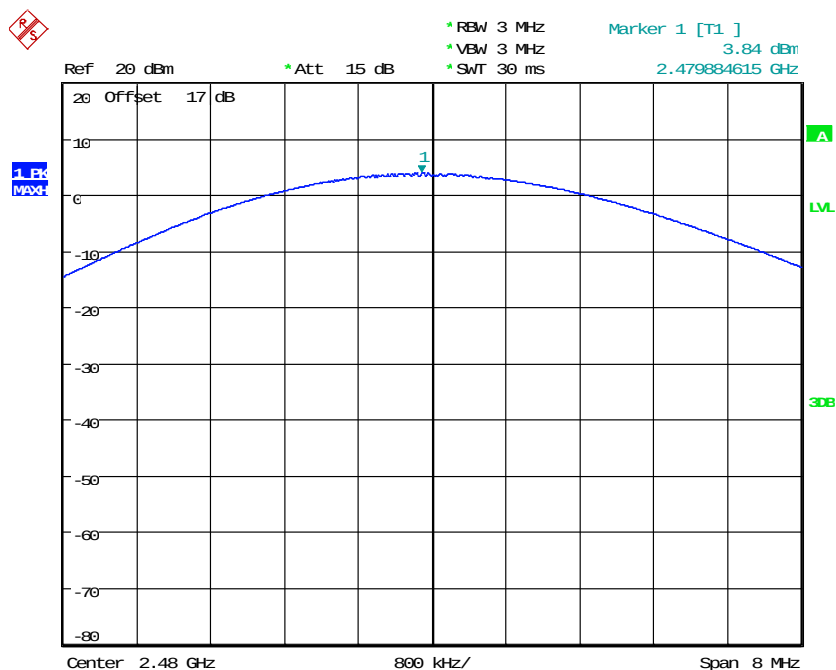
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



MAX OUTPUT POWER CH39

Date: 26.NOV.2019 17:23:34



MAX OUTPUT POWER CH78

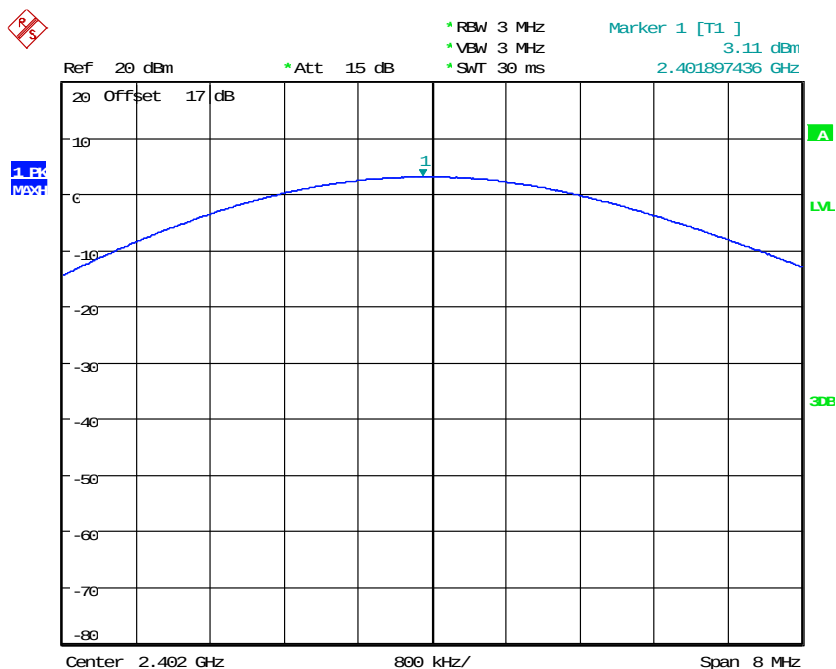
Date: 26.NOV.2019 17:24:30



Registration number: W6M21911-19475-C-1

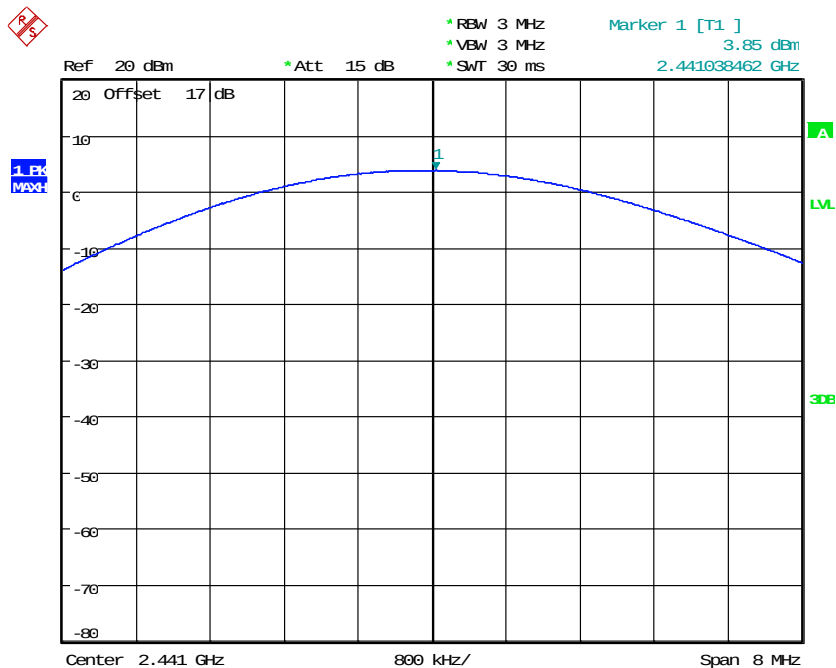
FCC ID: IR5RW14

Mode J



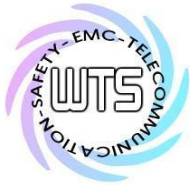
MAX OUTPUT POWER CH0 EDR MODE

Date: 26.NOV.2019 17:30:54

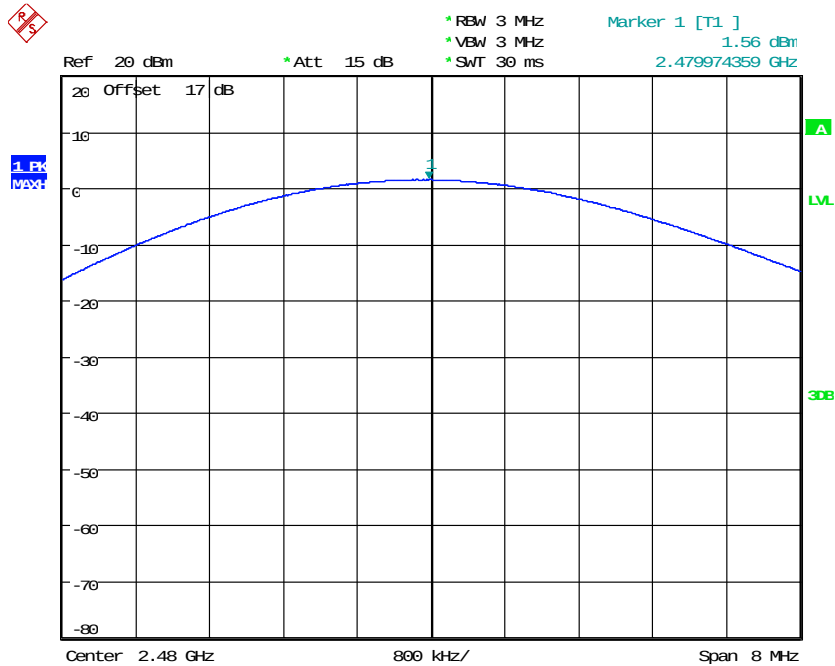


MAX OUTPUT POWER CH39 EDR MODE

Date: 26.NOV.2019 17:31:34



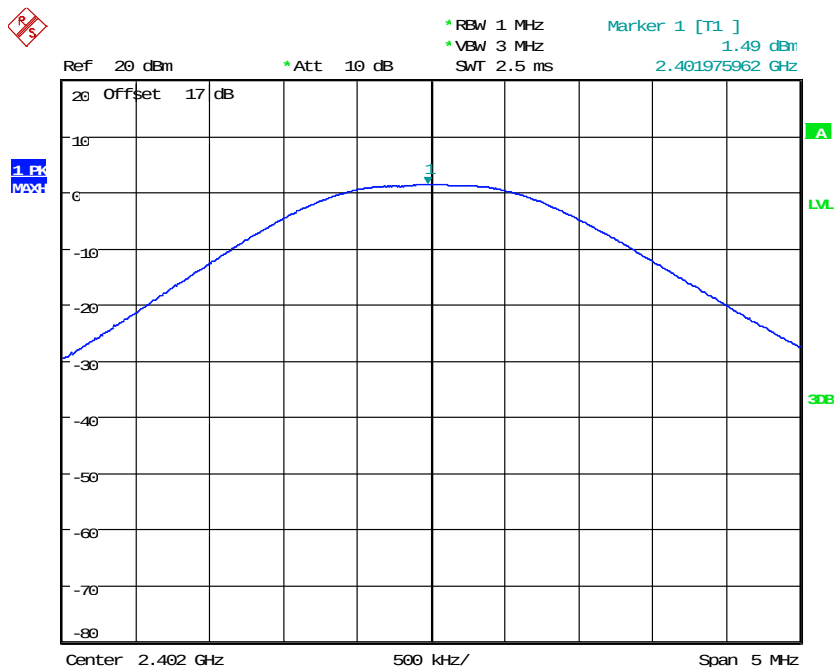
Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



MAX OUTPUT POWER CH78 EDR MODE

Date: 26.NOV.2019 17:32:02

Mode K



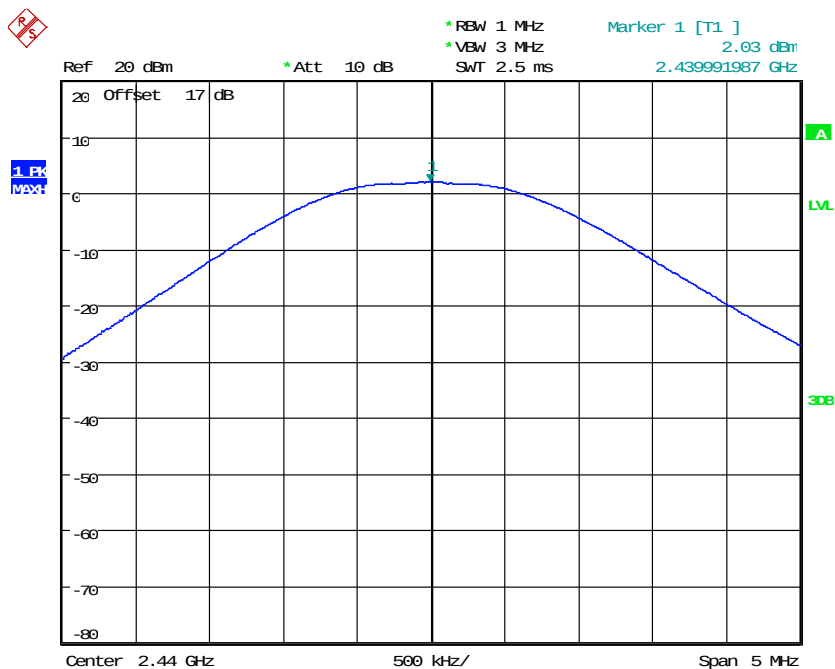
MAX OUTPUT POWER BT4.0 CH00

Date: 26.NOV.2019 17:36:32



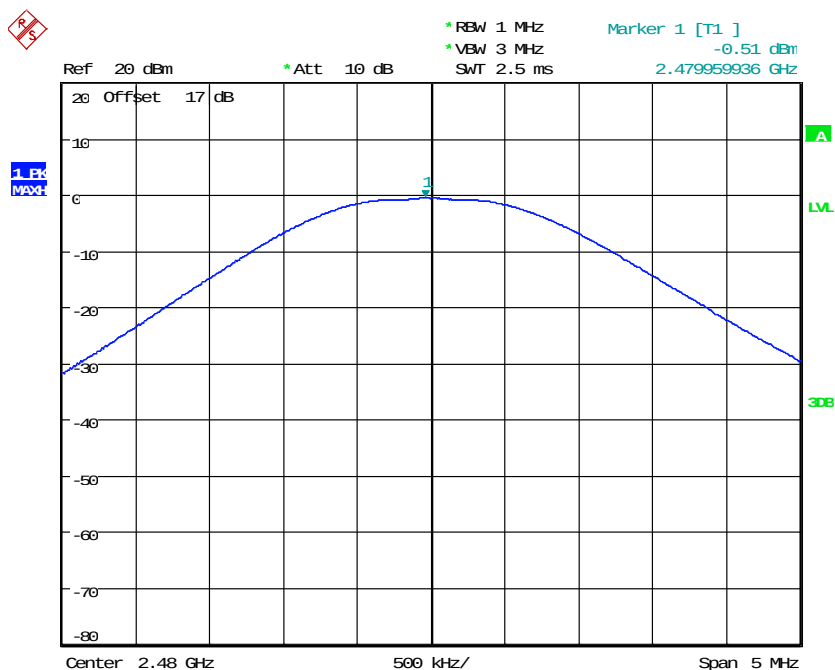
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



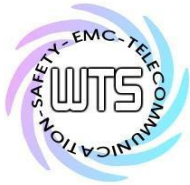
MAX OUTPUT POWER BT4.0 CH19

Date: 26.NOV.2019 17:37:16



MAX OUTPUT POWER BT4.0 CH39

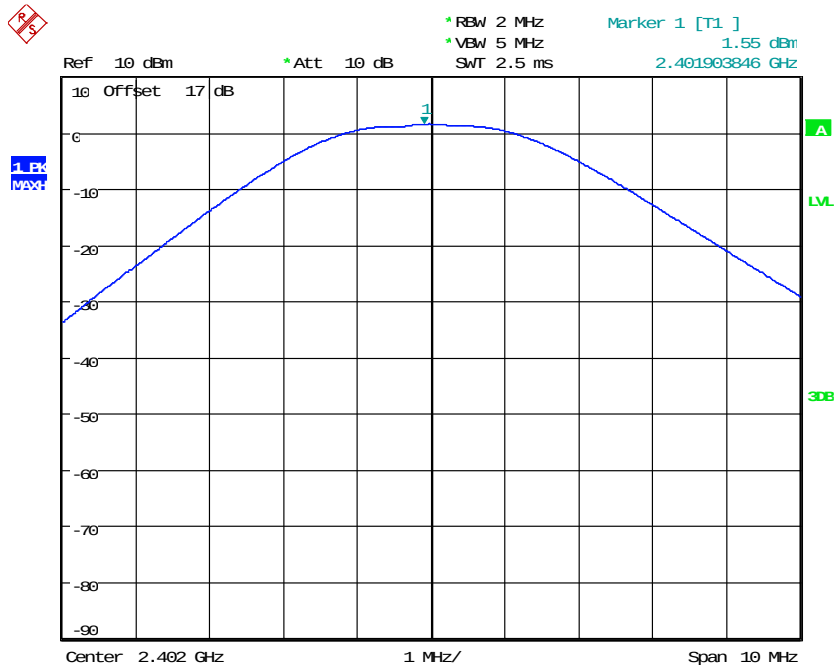
Date: 26.NOV.2019 17:37:52



Registration number: W6M21911-19475-C-1

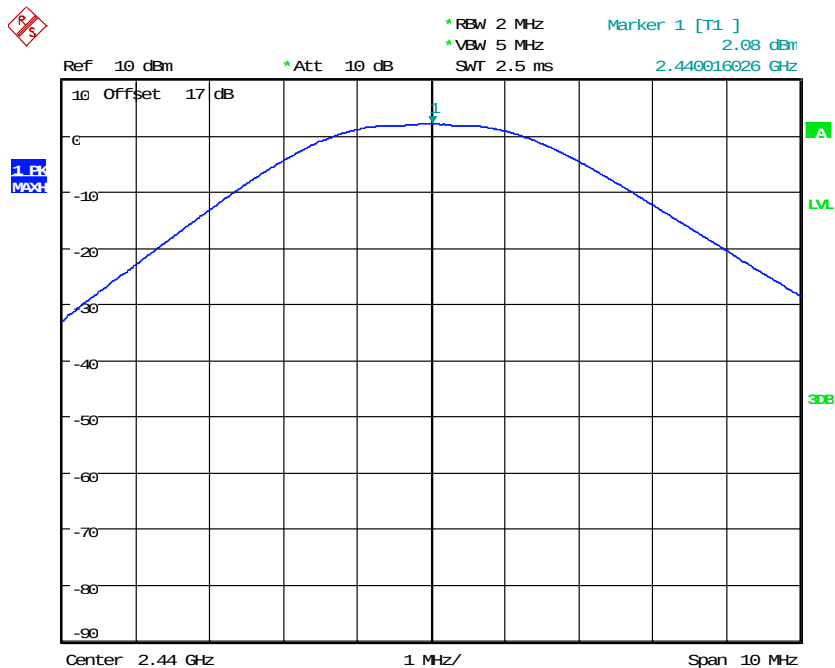
FCC ID: IR5RW14

Mode L



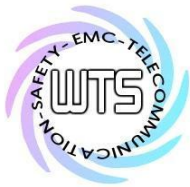
MAX OUTPUT POWER BT5.0 CH00

Date: 26.NOV.2019 17:52:46

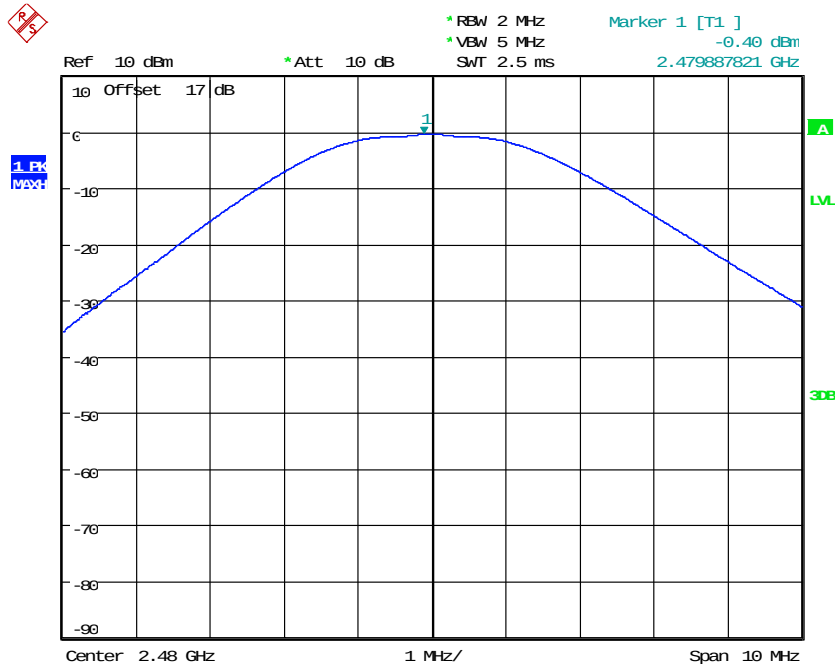


MAX OUTPUT POWER BT5.0 CH19

Date: 26.NOV.2019 17:52:23



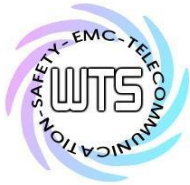
Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



MAX OUTPUT POWER BT5.0 CH39

Date: 26.NOV.2019 17:51:59

Antenna 1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	2.04	2.03	2.86	3.09	3.07	4.56
802.11n 40MHz	3.61	6.01	4.37	5.58	7.79	6.40
Antenna 2	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	1.60	2.20	2.18	2.04	3.42	3.39
802.11n 40MHz	3.24	4.88	3.92	5.11	6.88	5.93
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	3.64	4.23	5.04	5.61	6.26	7.02
802.11n 40MHz	6.85	10.89	8.29	8.36	10.37	9.19



Worldwide Testing Services(Taiwan) Co., Ltd.

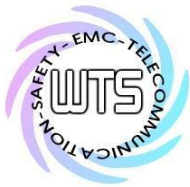
Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14

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: W6M21911-19475-C-1

FCC ID: IR5RW14

3.2 Equivalent Isotropic Radiated Power (EIRP)

FCC Rule: 15.247(b)(3)

WLAN

EIRP = max. conducted output power + antenna gain

EIRP = 10.37 dBm + (4.35 dBi [antenna gain claimed by manufacturer] = 14.72 dBm = 29.6483 mW

Bluetooth

EIRP = max. conducted output power + antenna gain

EIRP = 6.08 dBm + (1.78 dBi [antenna gain claimed by manufacturer] = 7.86 dBm = 6.1094 mW

BLE

EIRP = max. conducted output power + antenna gain

EIRP = 2.08 dBm + (1.78 dBi [antenna gain claimed by manufacturer] = 3.86 dBm = 2.4322 mW

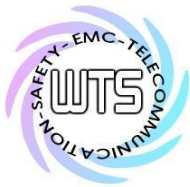
3.3 Exemption Limits for Routine Evaluation according to

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: W6M21911-19475-C-1

FCC ID: IR5RW14

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

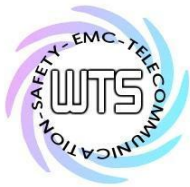
*Plane-wave equivalent power density

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/cm^2 .

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



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WLAN

Established separation distance is 20 cm.

Operating frequency band: 802.11b, g, n 20MHz: 2412-2462 MHz, 802.11n 40MHz: 2422-2452 MHz,

The product meets RF exposure requirement.

Because the power density of 0.0059 mW/cm^2 at 2437 MHz is below the power density limit of 1 mW/cm^2 .

Bluetooth

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 2441 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 0.0005 mW/cm^2 at 2440 MHz is below the power density limit of 1 mW/cm^2 .

Limits:

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



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3.3 Transmitter Radiated Emissions in Restricted Bands

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

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

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

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

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

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

Limits.

For frequencies below 1GHz:

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

For frequencies above 1GHz (Average measurements).

Guidance on Measurement of Digit Transmission Systems:

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

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

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

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

Explanation: See attached diagrams in Appendix.



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3.4 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 = $20 \log (\text{dwell time}/100\text{ms})$

Test equipment used: ETSTW-RE 030, ETSTW-RE 111, ETSTW-RE 088, ETSTW-RE 018,
ETSTW-RE 064

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



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

Calculation of test results:

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

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

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

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

Summary table with radiated data of the test plots

Model:	RW14			Date:	--			
Mode:	--			Temperature:	--	°C	Engineer:	--
Polarization:	--			Humidity:	--	%		
Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Frequency (MHz)	Reading (dBuV)		Factor (dB)	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.	Corr.	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. **After evaluated, the test result in this report adopt the worst case to measure, please see attached diagrams in appendix.**

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

Test equipment used: ETSTW-RE 030, ETSTW-RE 111, ETSTW-RE 088, ETSTW-RE 018,
ETSTW-RE 064

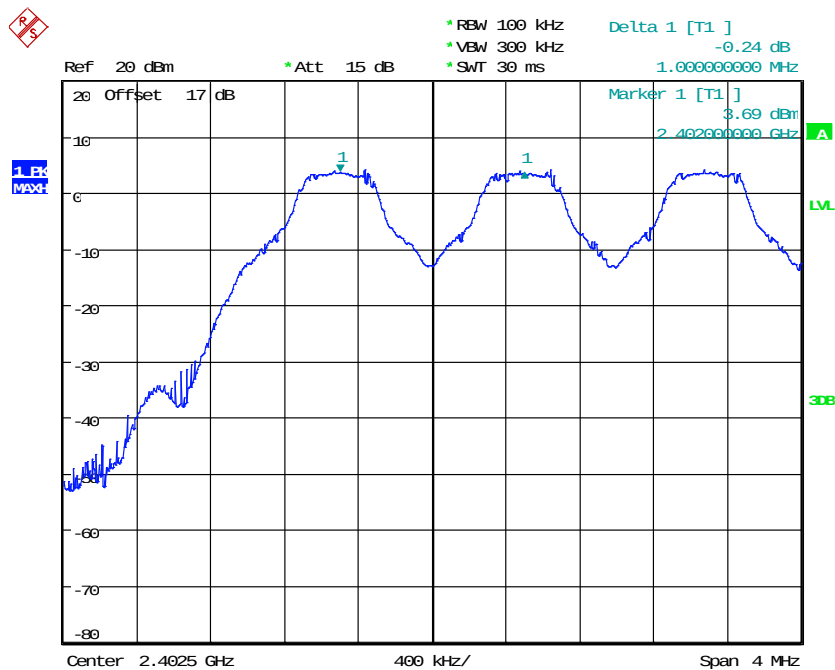
Registration number: W6M21911-19475-C-1

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3.5 Carrier Frequency Separation

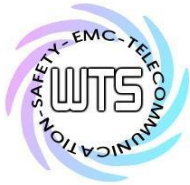
Carrier Frequency Separation was measured with modulation (declared by manufacturer).

According to FCC rules part 15 subpart C §15.247 frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or 20 dB bandwidth of the hopping channel, whichever is greater.

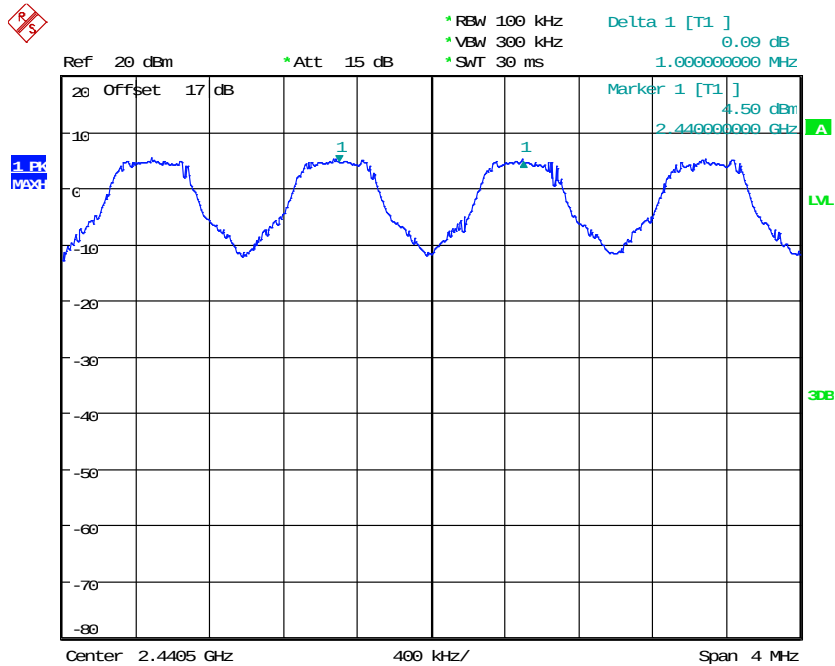


FREQUENCY SEPARATION CH0

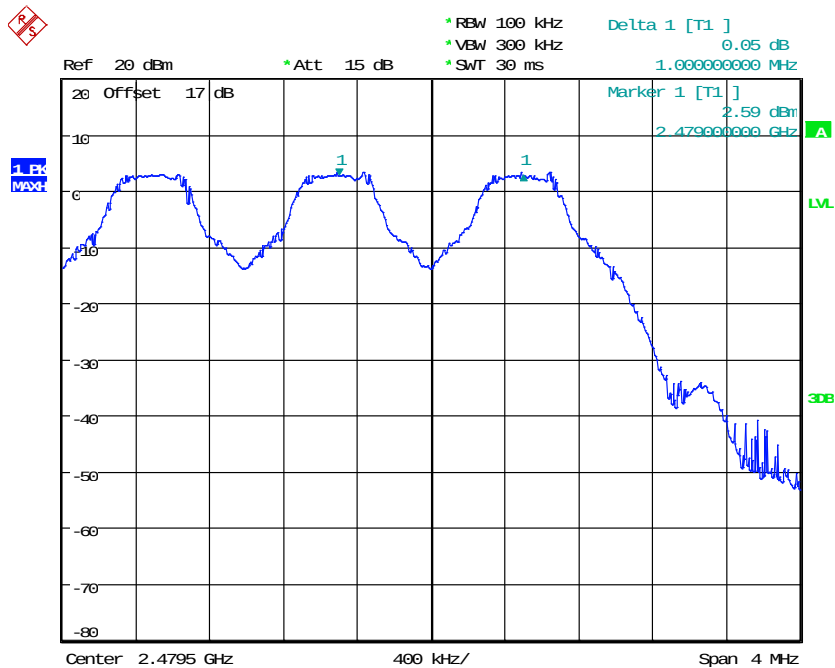
Date: 26.NOV.2019 17:28:54



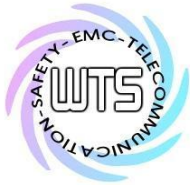
Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



FREQUENCY SEPARATION CH39
Date: 26.NOV.2019 17:29:38



FREQUENCY SEPARATION CH78
Date: 26.NOV.2019 17:30:27



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Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14

Limits:

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

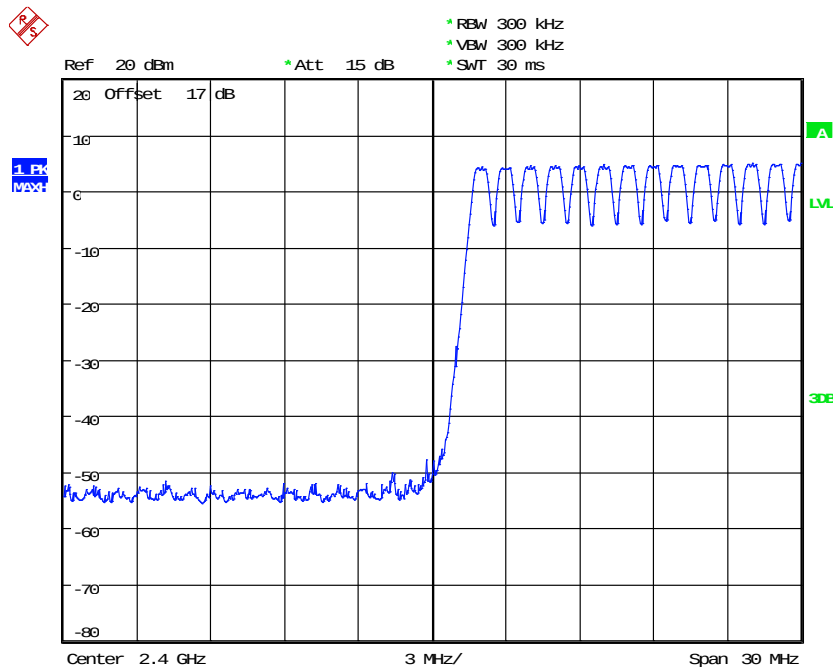
Test equipment used: ETSTW-RE 055, ETSTW-RE 064

Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14

3.6 Number of Hopping Frequencies

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

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

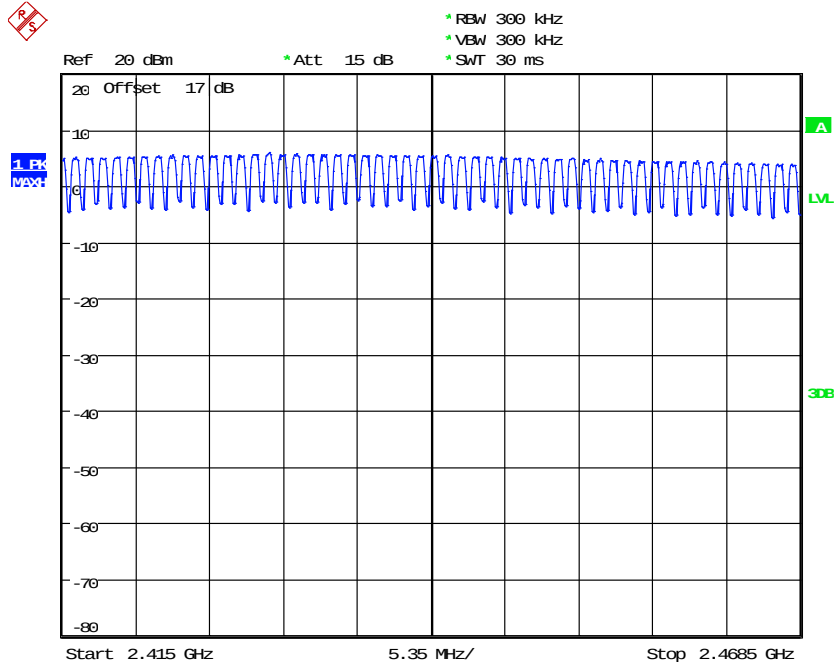


NUMBER OF HOPPING CH0-13
Date: 26.NOV.2019 17:26:14



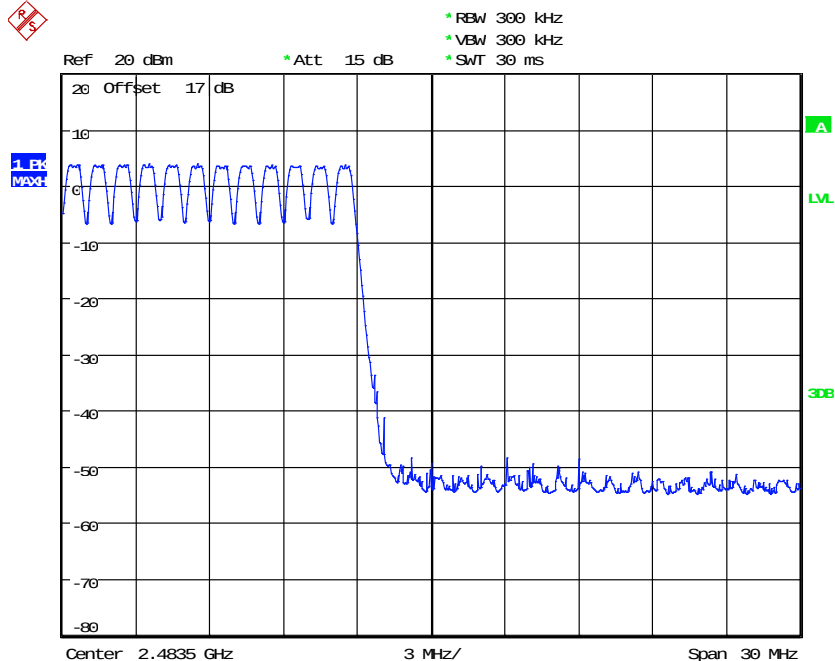
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



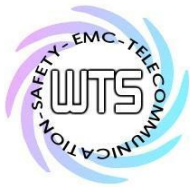
NUMBER OF HOPPING CH14-66

Date: 26.NOV.2019 17:28:02



NUMBER OF HOPPING CH67-78

Date: 26.NOV.2019 17:26:54



Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14

Limits:

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

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

3.6.1 Pseudorandom Frequency Hopping Sequence

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

3.6.2 Coordination of hopping sequences to other transmitters

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

3.6.3 System Receiver Hopping Capability

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

Registration number: W6M21911-19475-C-1

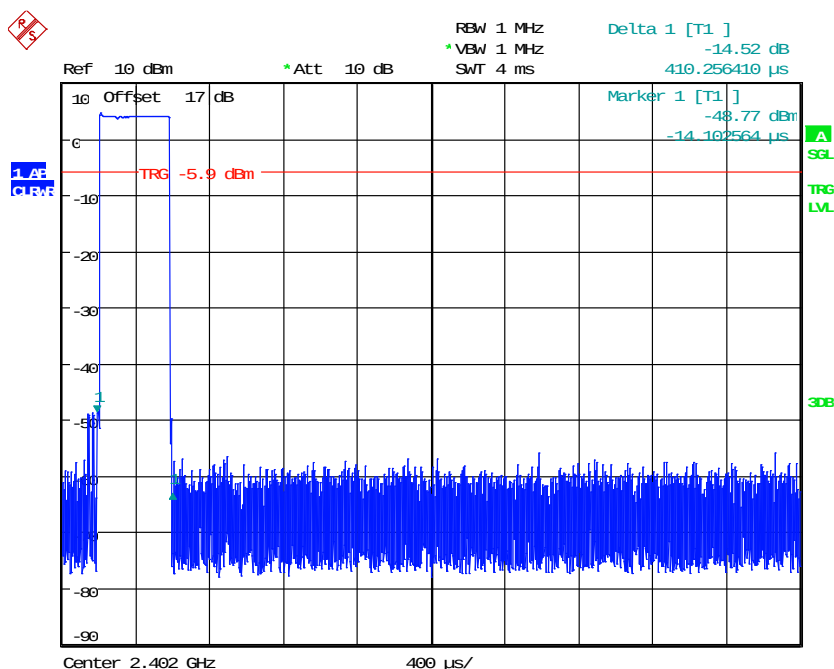
FCC ID: IR5RW14

3.7 Time of Occupancy (Dwell Time)

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

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

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

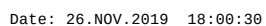
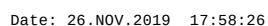


DWELL TIME CH0 DH1 (0.41ms * 320 event = 131.2ms)

Date: 26.NOV.2019 17:56:39



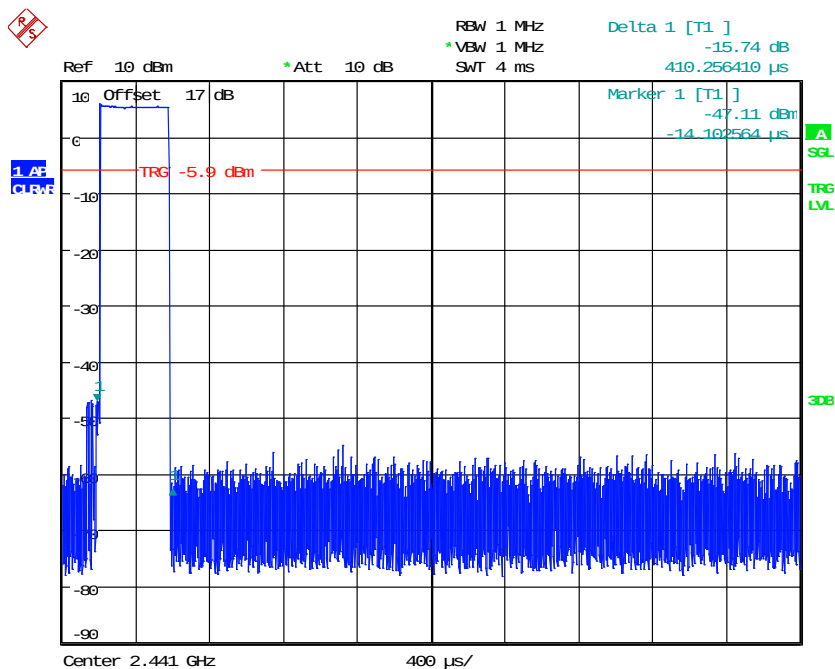
FCC ID: IR5RW14





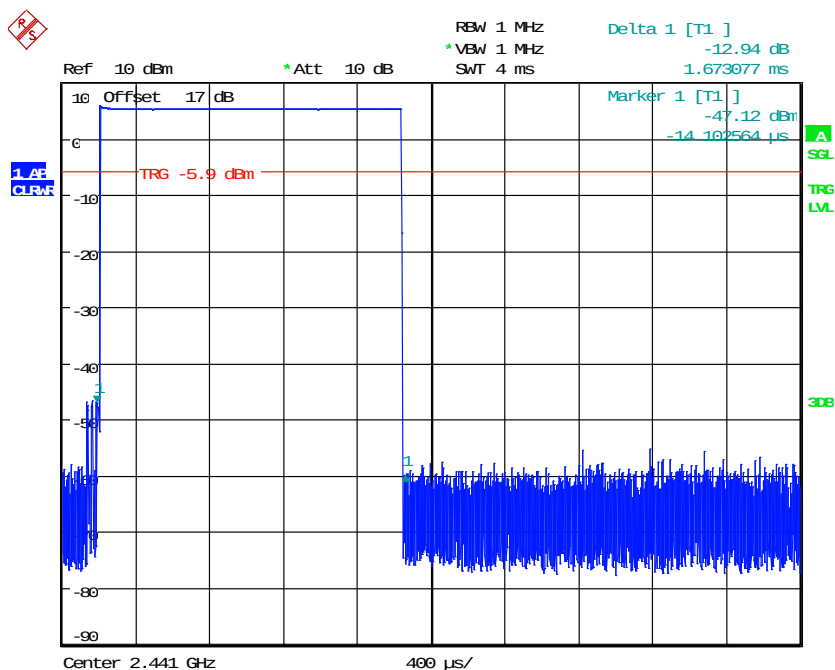
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



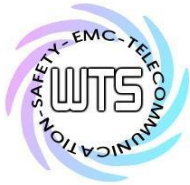
DWELL TIME CH39 DH1 (0.41ms * 320 event = 131.2ms)

Date: 26.NOV.2019 17:56:59

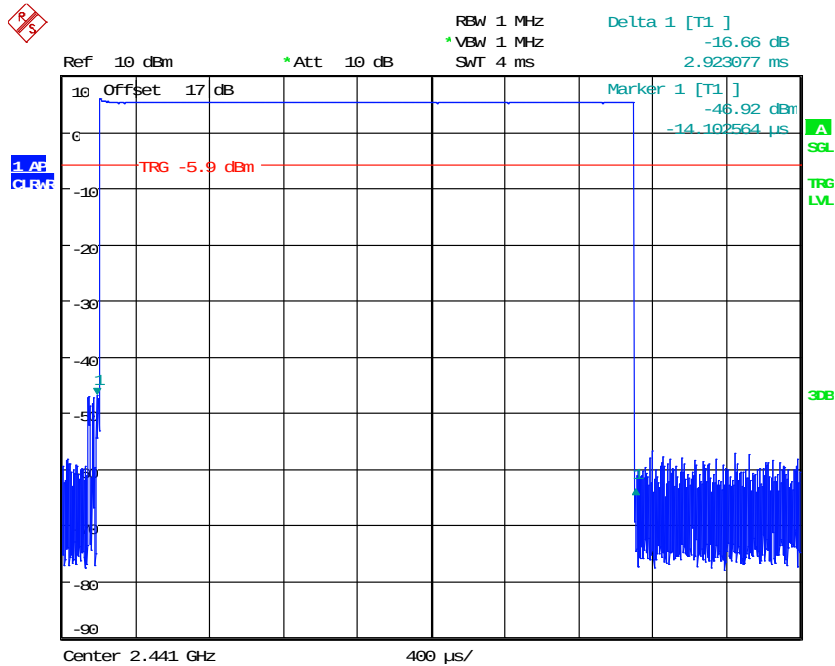


DWELL TIME CH39 DH3 (1.673ms * 160 event = 267.68ms)

Date: 26.NOV.2019 17:58:45

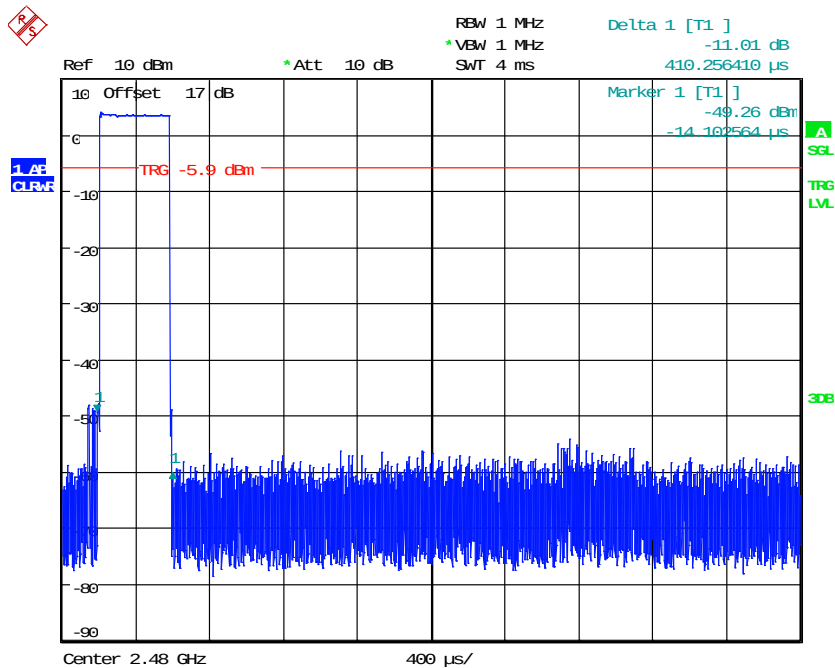


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



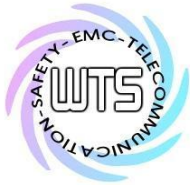
DWELL TIME CH39 DH5 (2.923ms * 106 event = 309.838ms)

Date: 26.NOV.2019 18:00:49

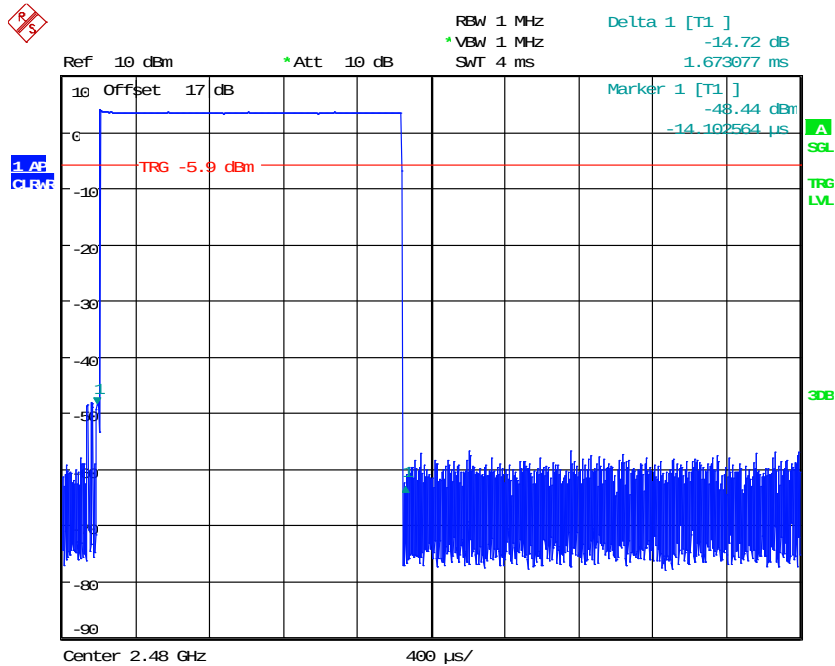


DWELL TIME CH78 DH1 (0.41ms * 320 event = 131.2ms)

Date: 26.NOV.2019 17:57:19

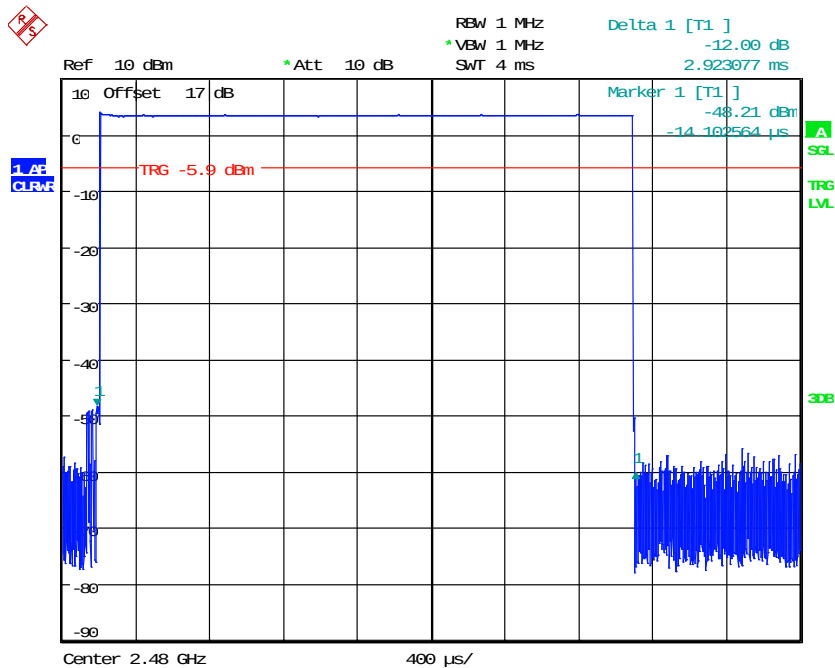


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



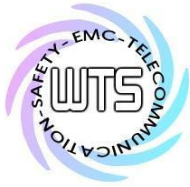
DWELL TIME CH78 DH3 (1.673ms * 160 event = 267.68ms)

Date: 26.NOV.2019 17:59:06



DWELL TIME CH78 DH5 (2.923ms * 106 event = 309.838ms)

Date: 26.NOV.2019 18:01:13



Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14

Limits and measurement periods:

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

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

Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14

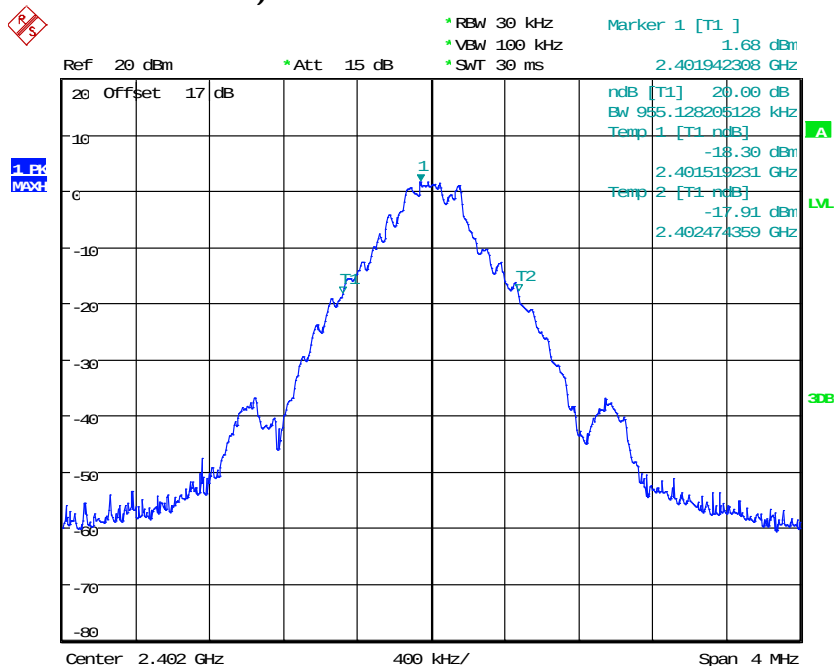
3.8 20dB Bandwidth

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

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

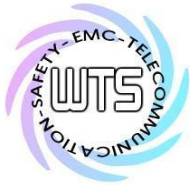
For frequency hopping systems operating in the 902-928 MHz band the maximum 20dB bandwidth of the hopping channel is 500 kHz.

Mode I (Bluetooth Normal mode)

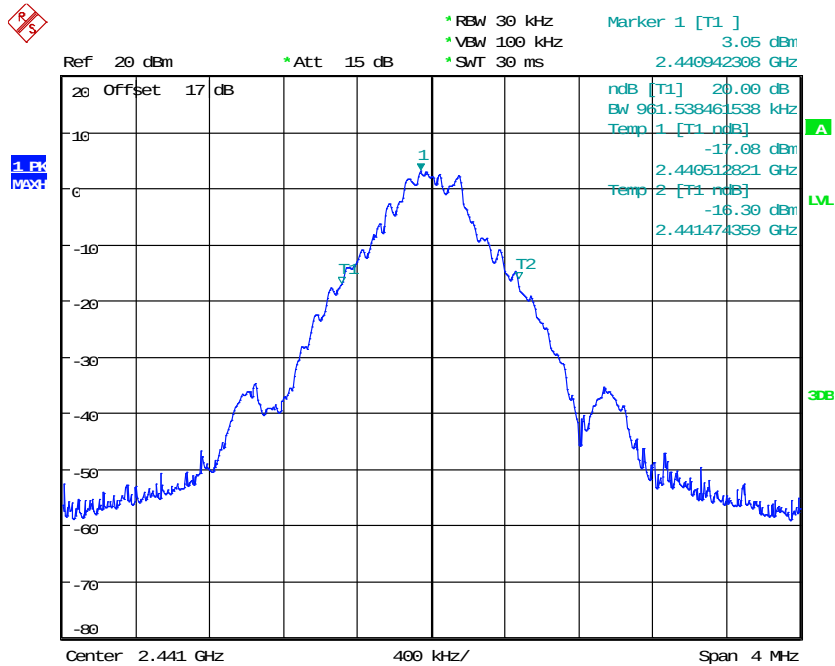


20DB BANDWIDTH CH0

Date: 26.NOV.2019 17:23:02

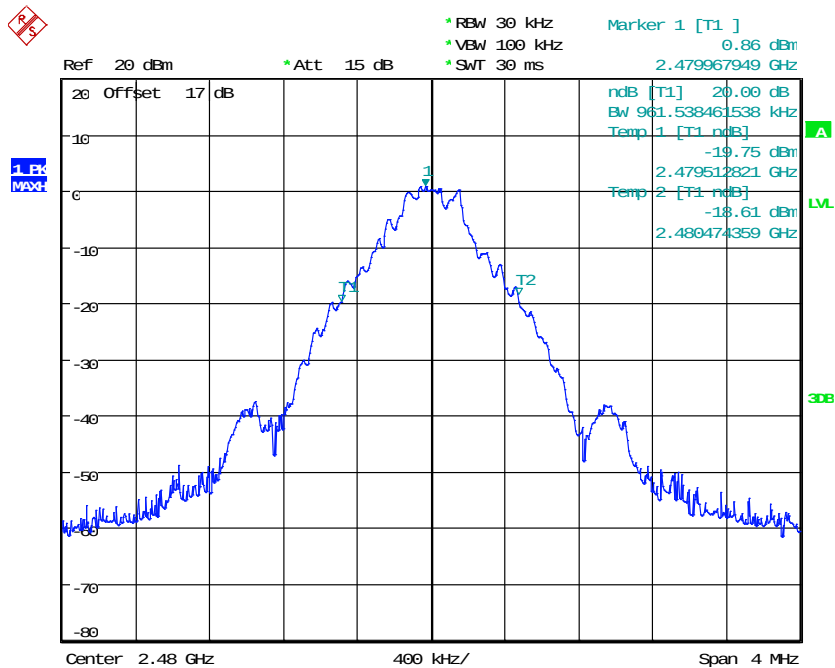


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



20DB BANDWIDTH CH39

Date: 26.NOV.2019 17:23:42



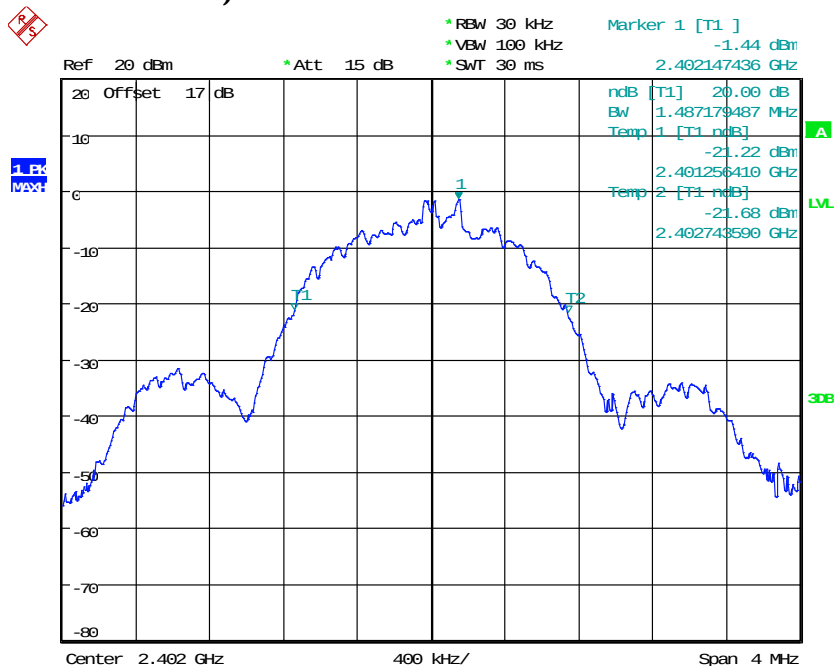
20DB BANDWIDTH CH78

Date: 26.NOV.2019 17:24:38

Registration number: W6M21911-19475-C-1

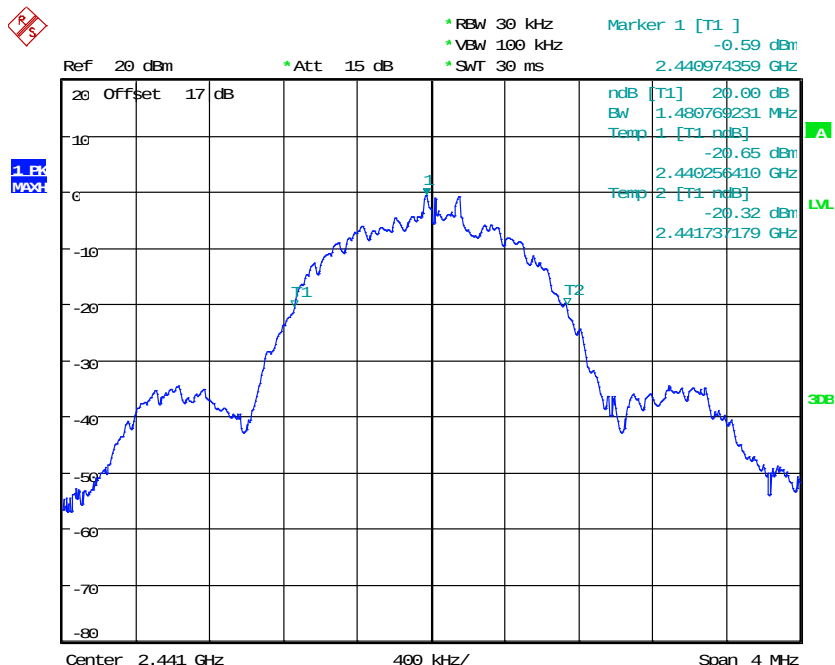
FCC ID: IR5RW14

Mode J (Bluetooth EDR mode)



20DB BANDWIDTH CH0 EDR MODE

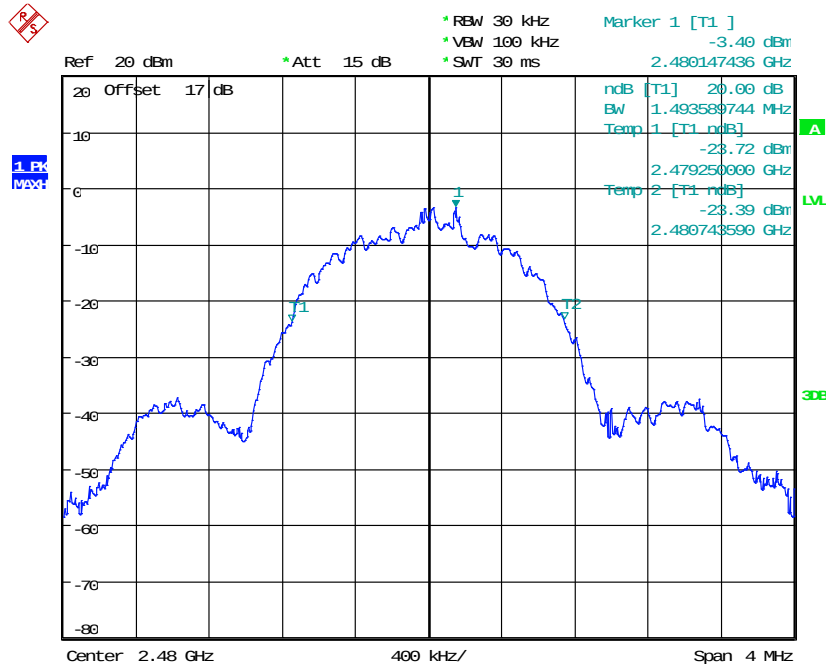
Date: 26.NOV.2019 17:31:02



20DB BANDWIDTH CH39 EDR MODE

Date: 26.NOV.2019 17:31:42

Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



20DB BANDWIDTH CH78 EDR MODE

Date: 26.NOV.2019 17:32:10

Limits:

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

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

3.8.1 System Receiver Input Bandwidth

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

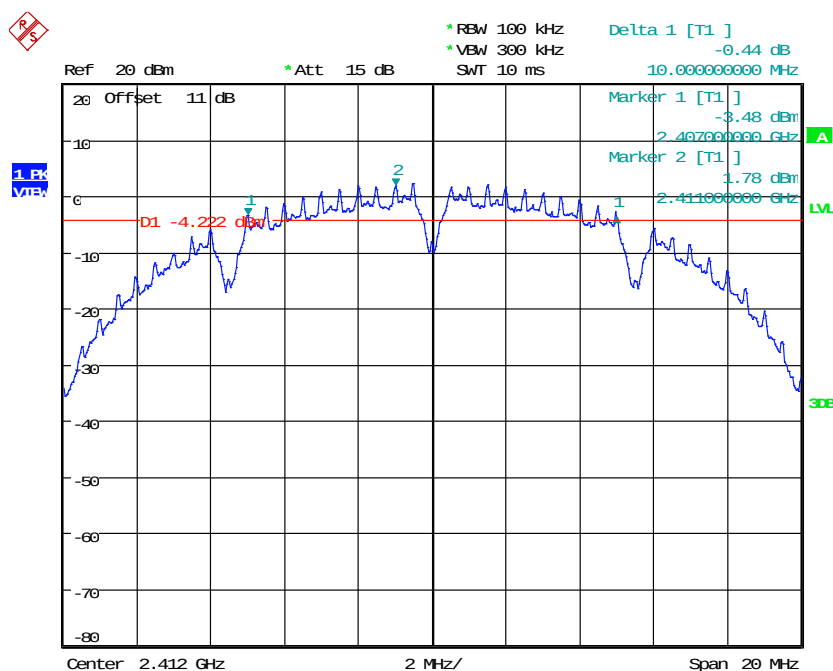


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14

3.9 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

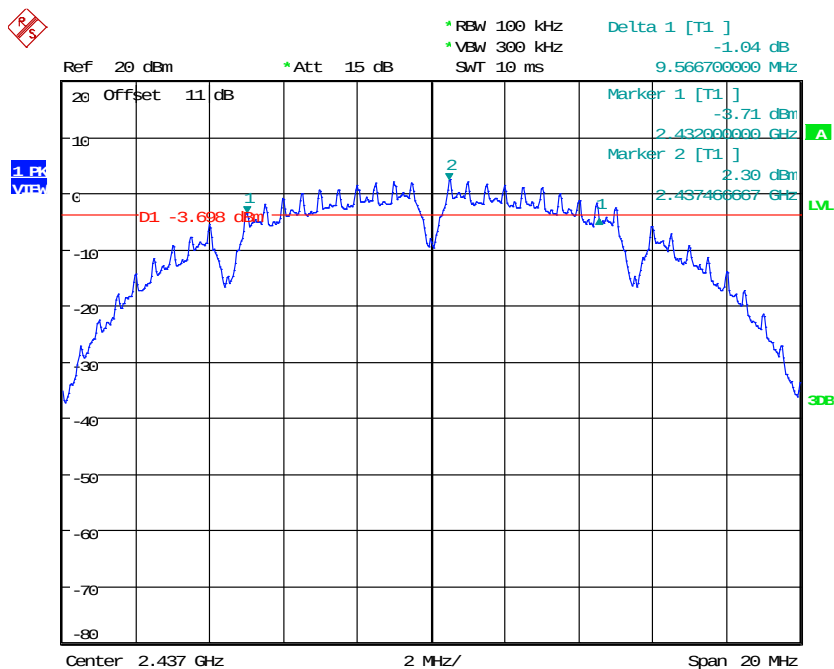


6DB BANDWIDTH 802.118 CH01
Date: 26.NOV.2019 19:12:35

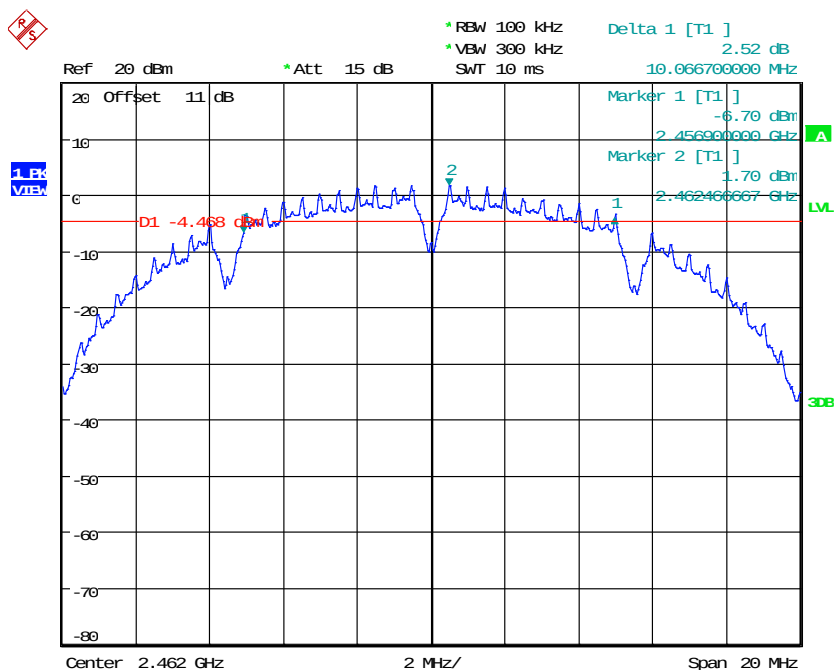


Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



6DB BANDWIDTH 802.11B CH06
Date: 26.NOV.2019 19:13:39



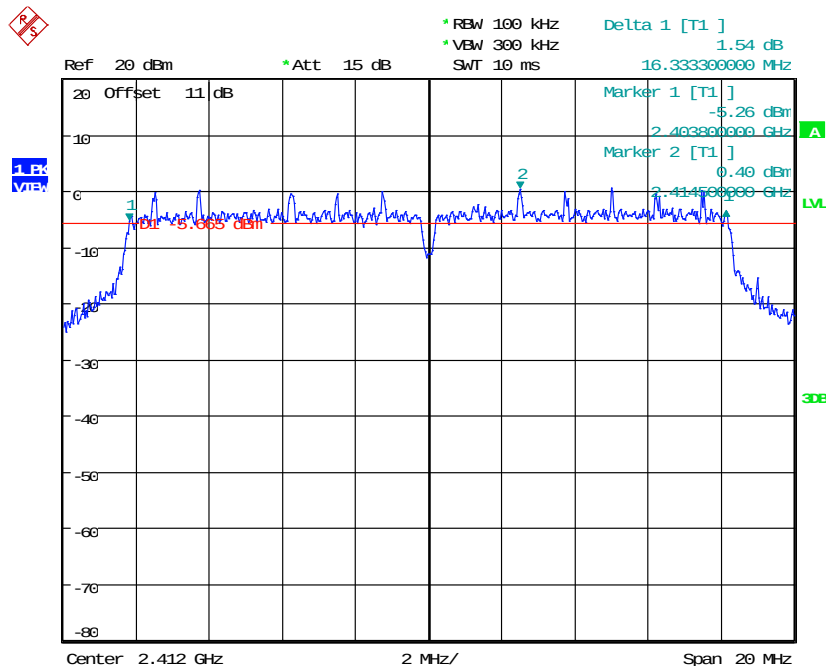
6DB BANDWIDTH 802.11B CH11
Date: 26.NOV.2019 19:14:42



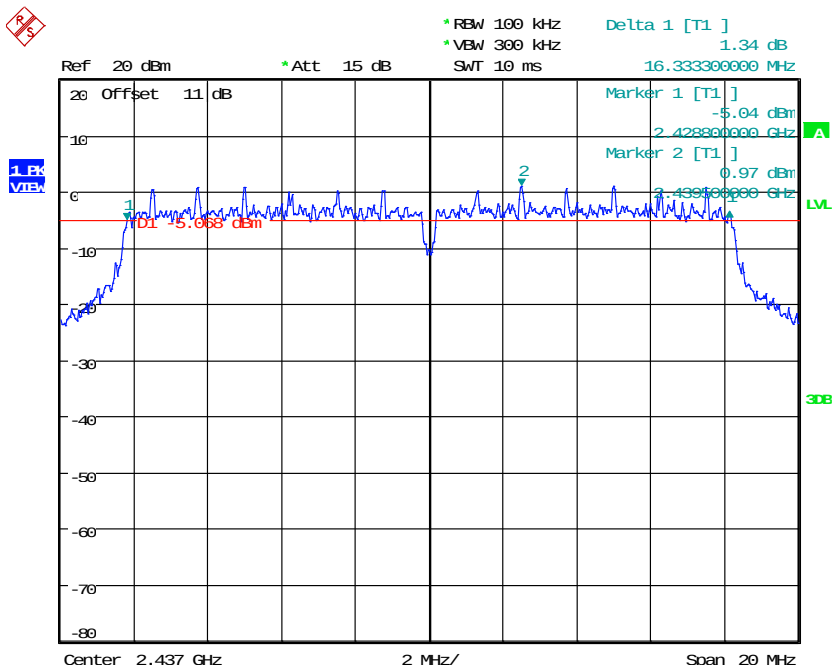
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14

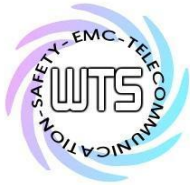
Mode B



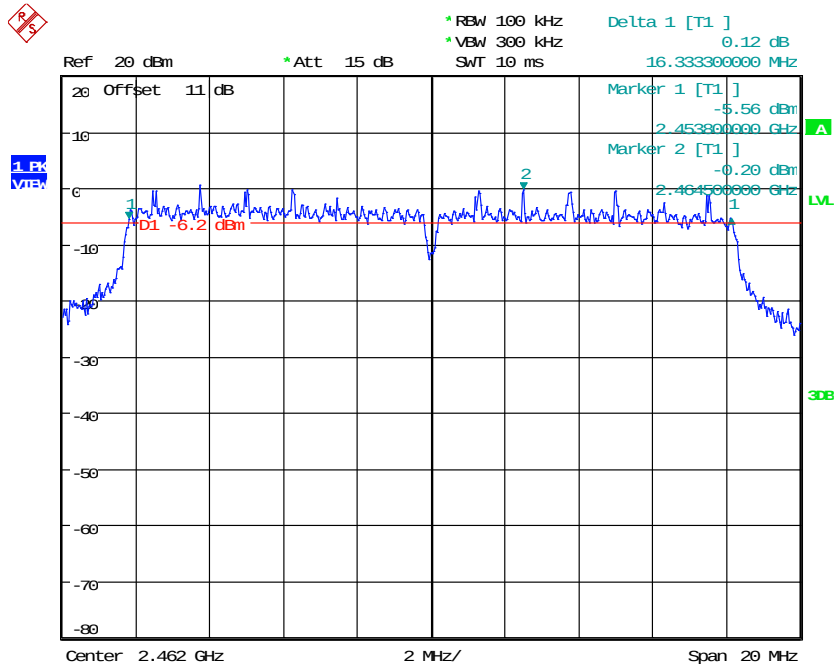
6DB BANDWIDTH 802.11G CH01
Date: 26.NOV.2019 19:15:48



6DB BANDWIDTH 802.11G CH06
Date: 26.NOV.2019 19:16:48

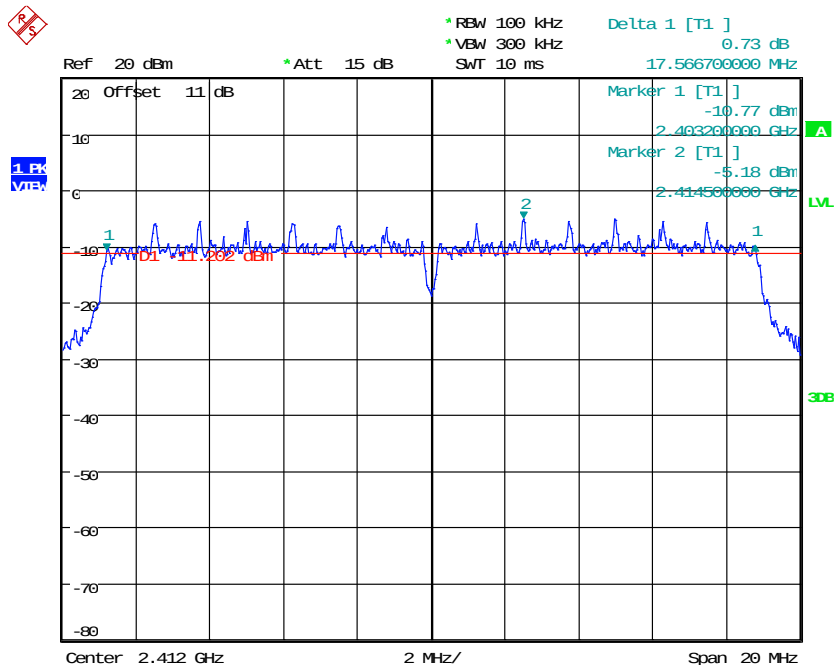


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14

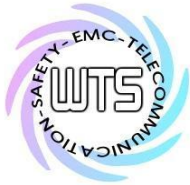


6DB BANDWIDTH 802.11G CH11
Date: 26.NOV.2019 19:17:48

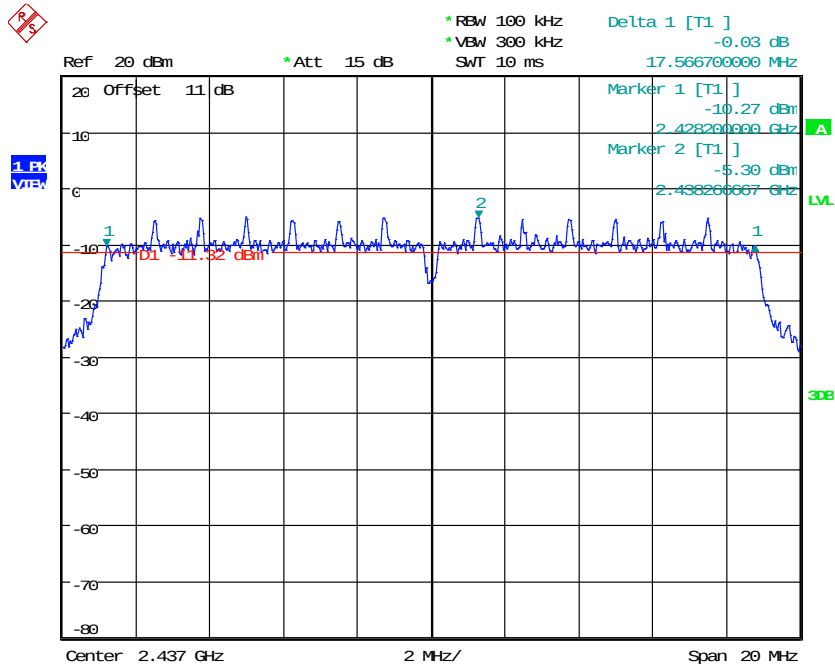
Mode C



6DB BANDWIDTH 802.11N 20MHZ CH1
Date: 26.NOV.2019 19:19:00

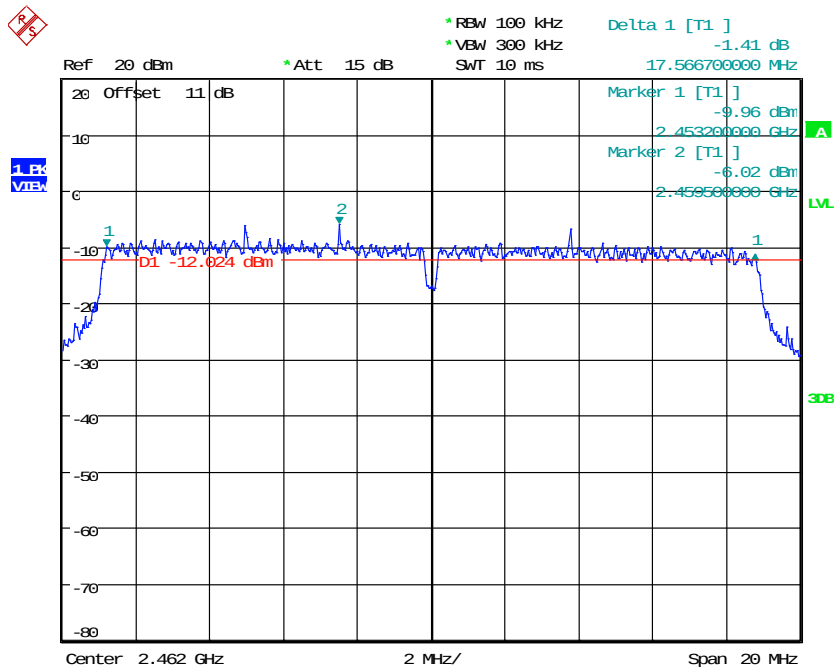


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



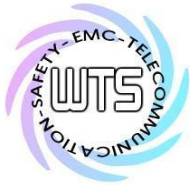
6DB BANDWIDTH 802.11N 20MHZ CH6

Date: 26.NOV.2019 19:20:02



6DB BANDWIDTH 802.11N 20MHZ CH11

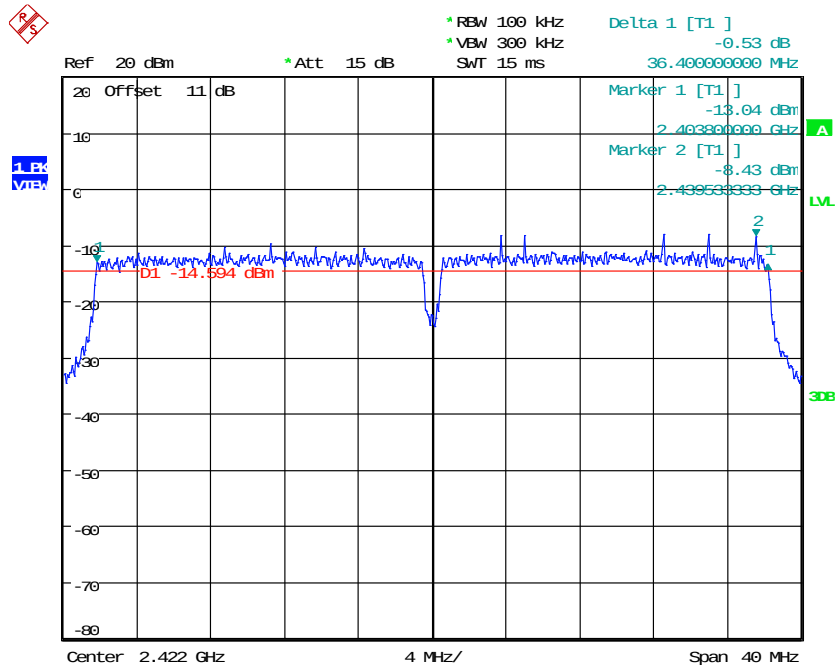
Date: 26.NOV.2019 19:21:07



Registration number: W6M21911-19475-C-1

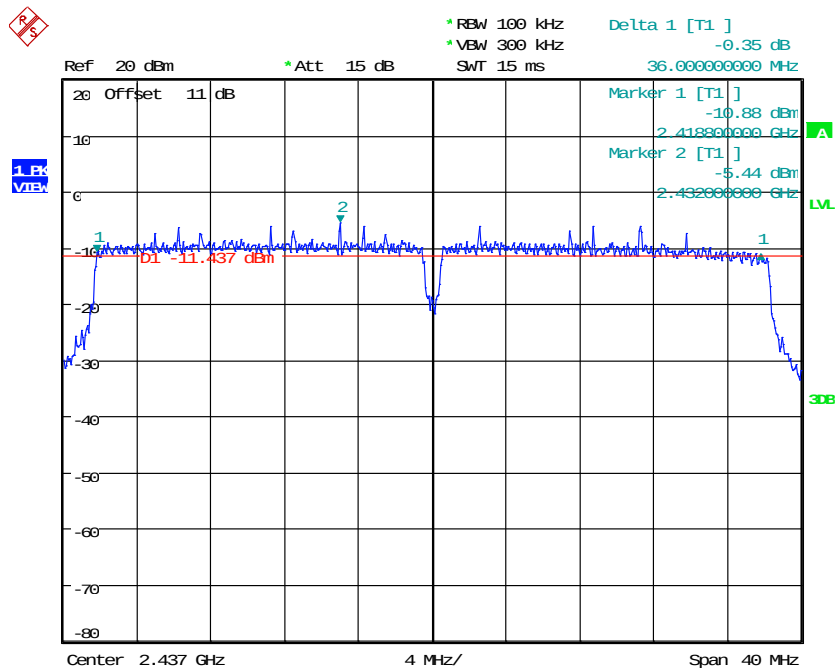
FCC ID: IR5RW14

Mode D



6DB BANDWIDTH 802.11N 40MHZ CH1

Date: 26.NOV.2019 19:22:13

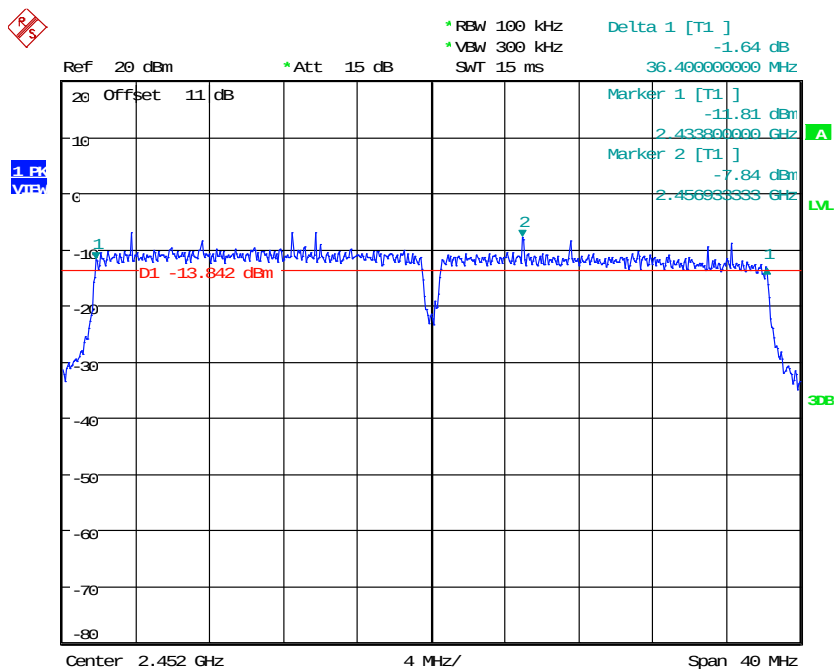


6DB BANDWIDTH 802.11N 40MHZ CH4

Date: 26.NOV.2019 19:23:23

Registration number: W6M21911-19475-C-1

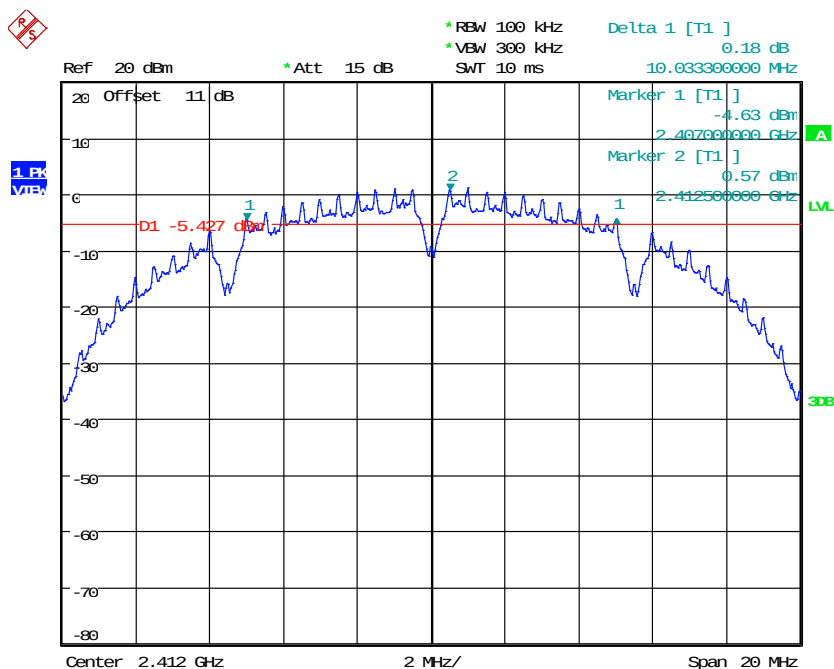
FCC ID: IR5RW14



6DB BANDWIDTH 802.11N 40MHZ CH7

Date: 26.NOV.2019 19:24:26

Mode E



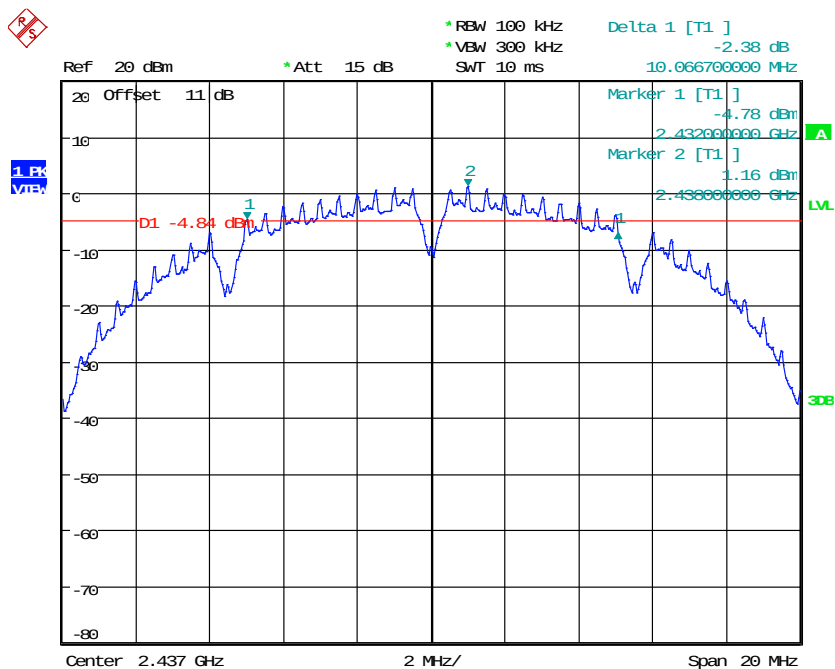
6DB BANDWIDTH 802.11B CH01

Date: 26.NOV.2019 19:42:05

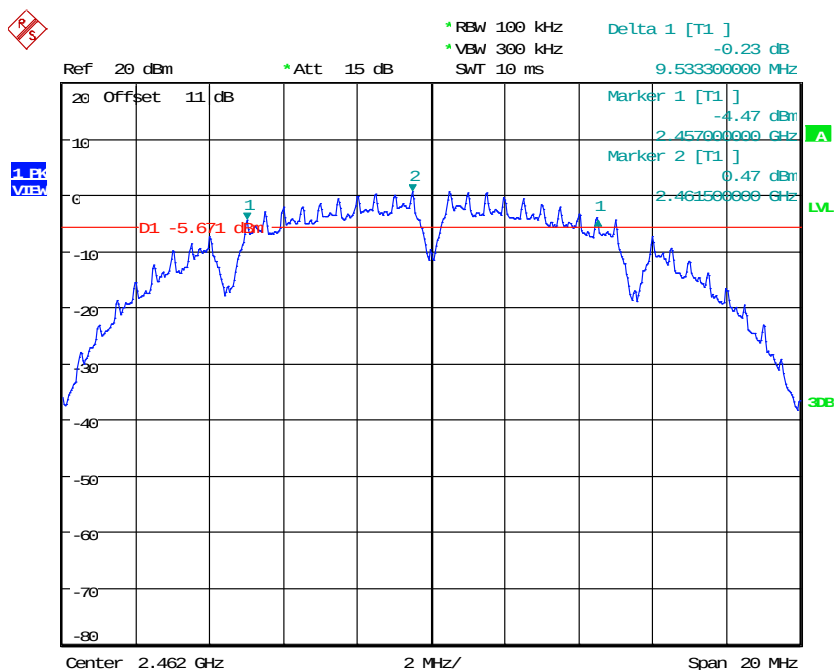


Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



6DB BANDWIDTH 802.11B CH06
Date: 26.NOV.2019 19:43:06



6DB BANDWIDTH 802.11B CH11
Date: 26.NOV.2019 19:44:01

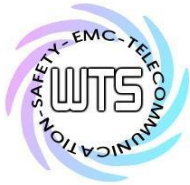


FCC ID: IR5RW14

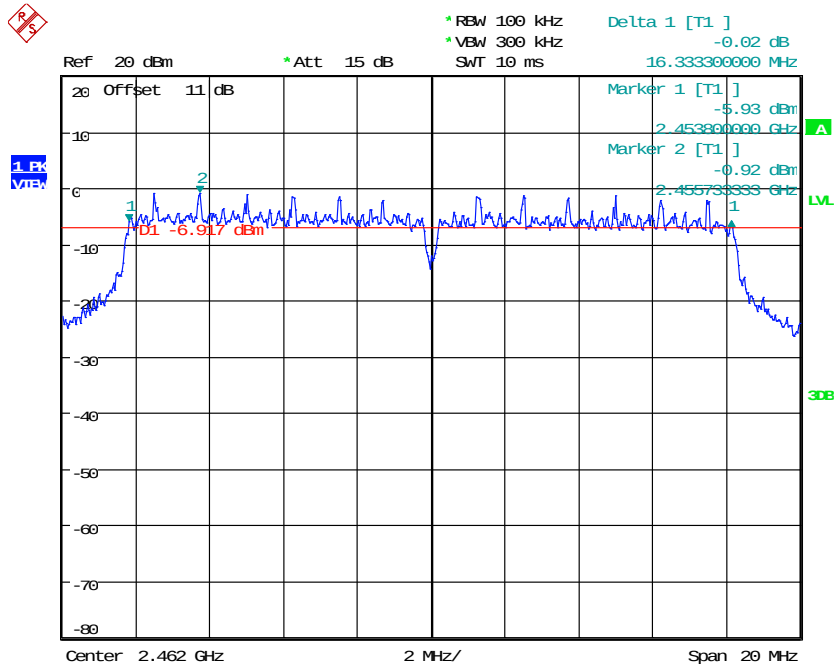
Mode F

6DB BANDWIDTH 802.11G CH01
Date: 26.NOV.2019 19:44:50

6DB BANDWIDTH 802.11G CH06
Date: 26.NOV.2019 19:46:53

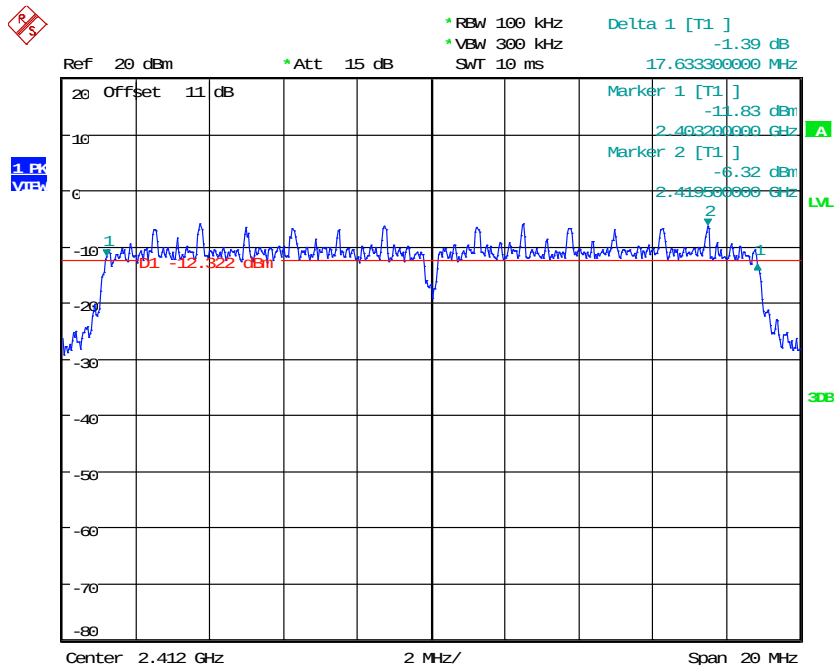


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14

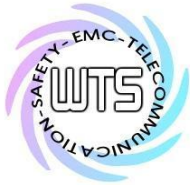


6DB BANDWIDTH 802.11G CH11
Date: 26.NOV.2019 19:47:48

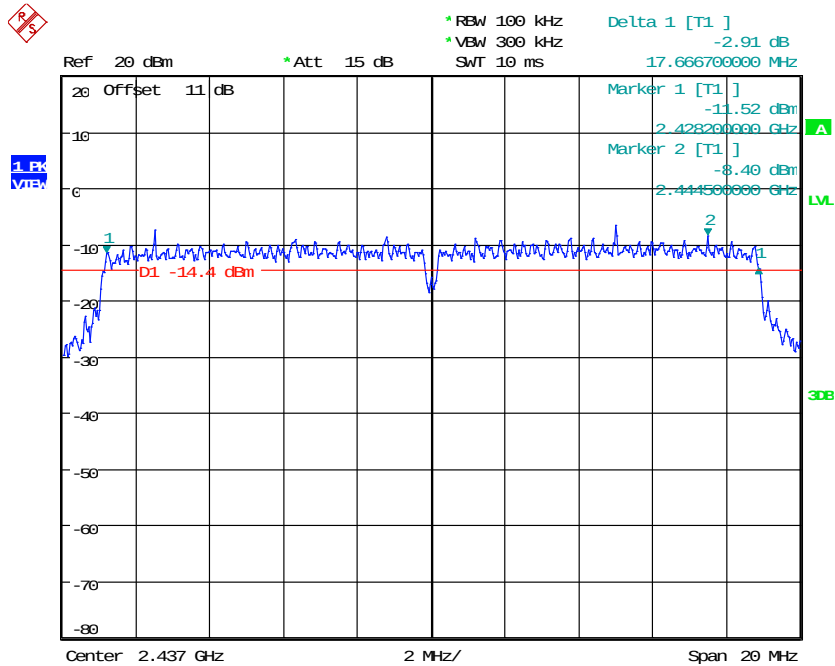
Mode G



6DB BANDWIDTH 802.11N 20MHZ CH1
Date: 26.NOV.2019 19:49:30

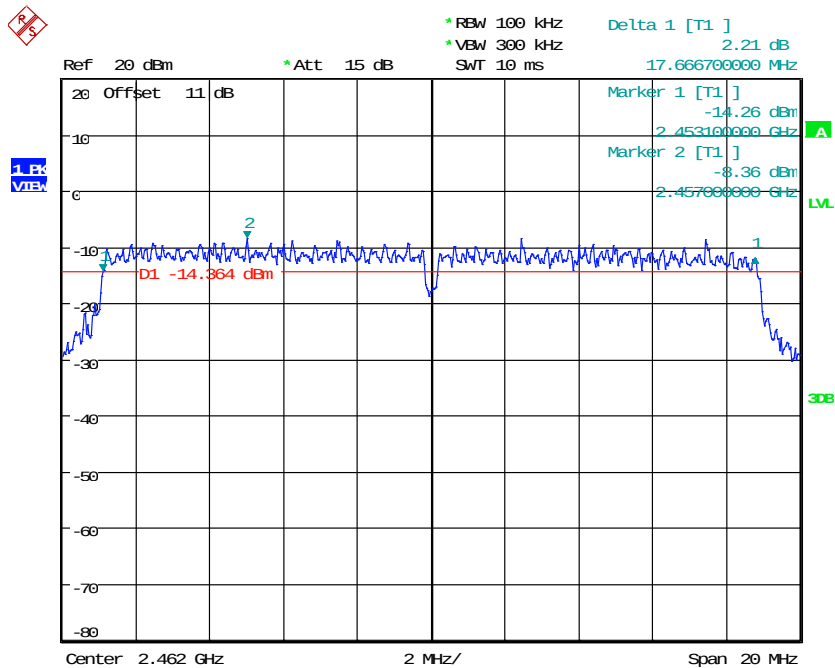


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



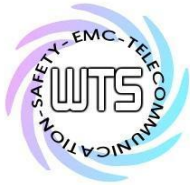
6DB BANDWIDTH 802.11N 20MHZ CH6

Date: 26.NOV.2019 19:51:16



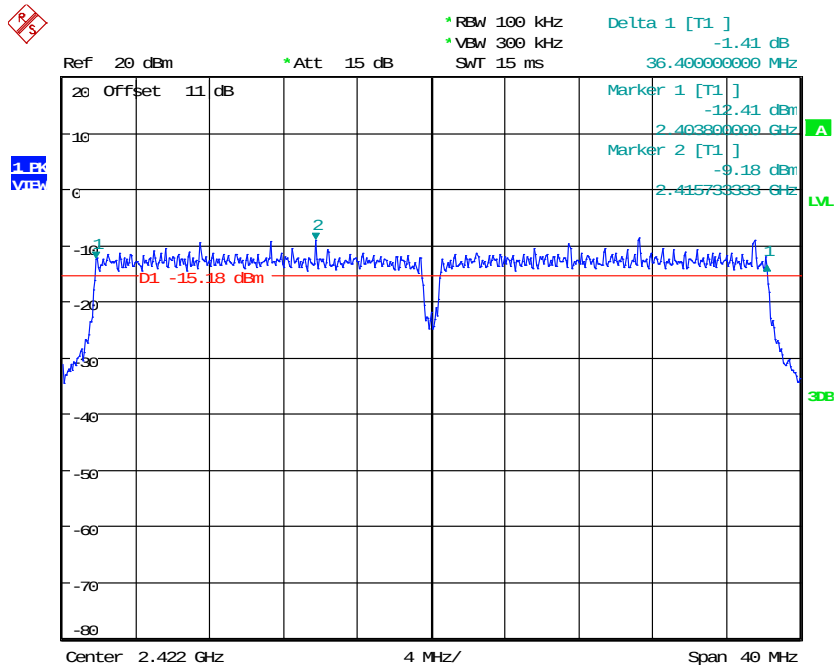
6DB BANDWIDTH 802.11N 20MHZ CH11

Date: 26.NOV.2019 19:52:03

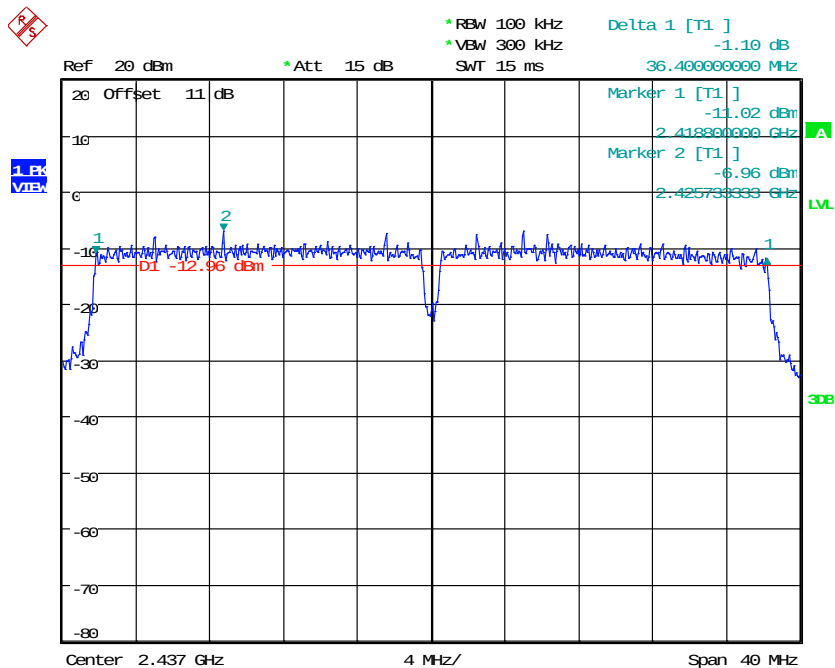


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14

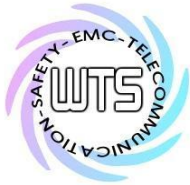
Mode H



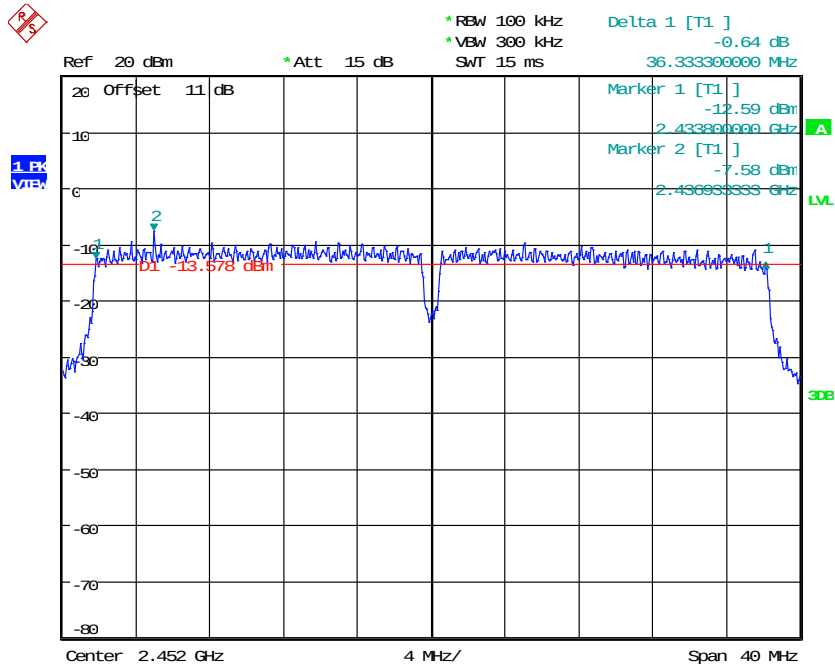
6DB BANDWIDTH 802.11N 40MHZ CH1
Date: 26.NOV.2019 19:53:16



6DB BANDWIDTH 802.11N 40MHZ CH4
Date: 26.NOV.2019 19:54:11



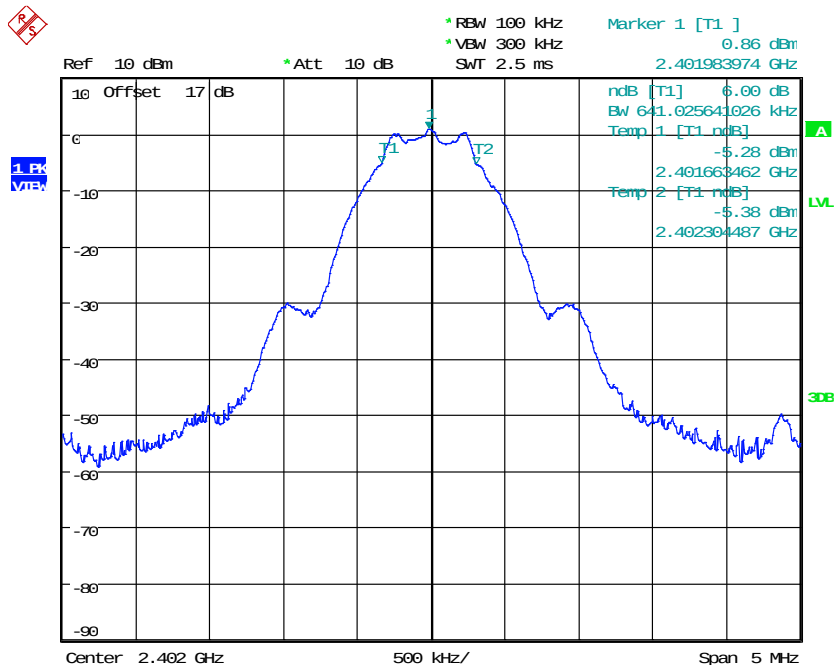
Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



6DB BANDWIDTH 802.11N 40MHZ CH7

Date: 26.NOV.2019 19:55:08

Mode K



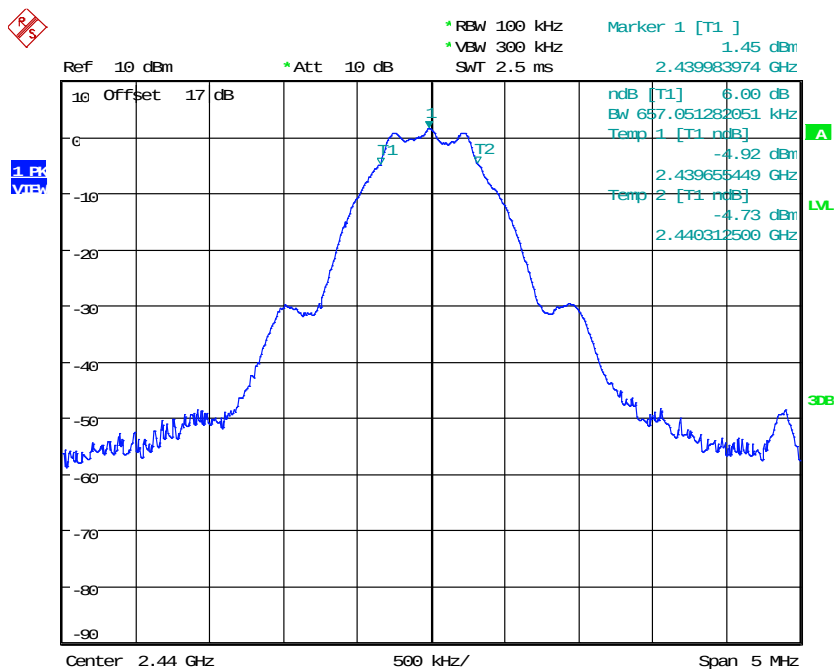
6DB BANDWIDTH BT4.0 CH00

Date: 26.NOV.2019 17:36:42



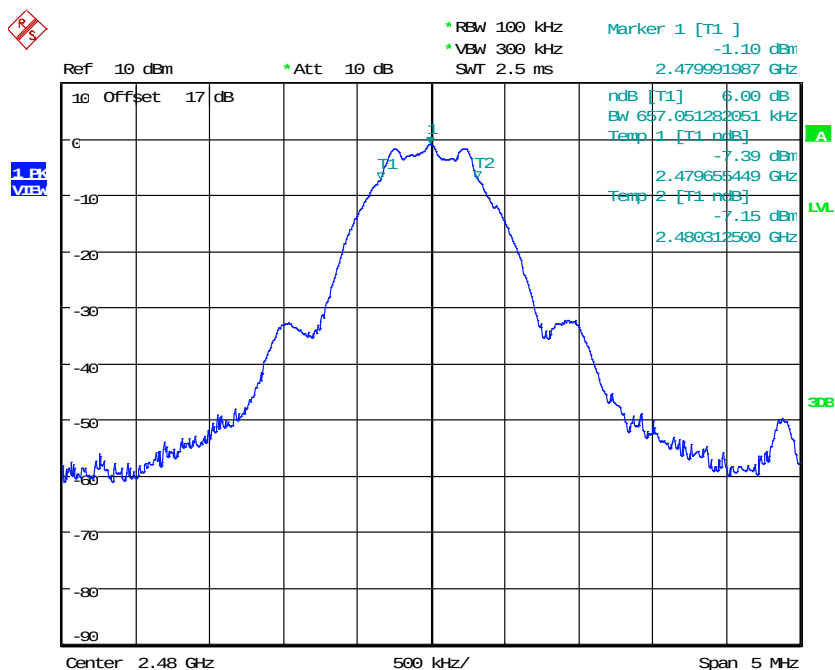
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



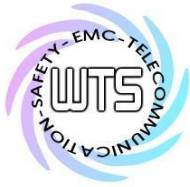
6DB BANDWIDTH BT4.0 CH19

Date: 26.NOV.2019 17:37:26



6DB BANDWIDTH BT4.0 CH39

Date: 26.NOV.2019 17:38:02

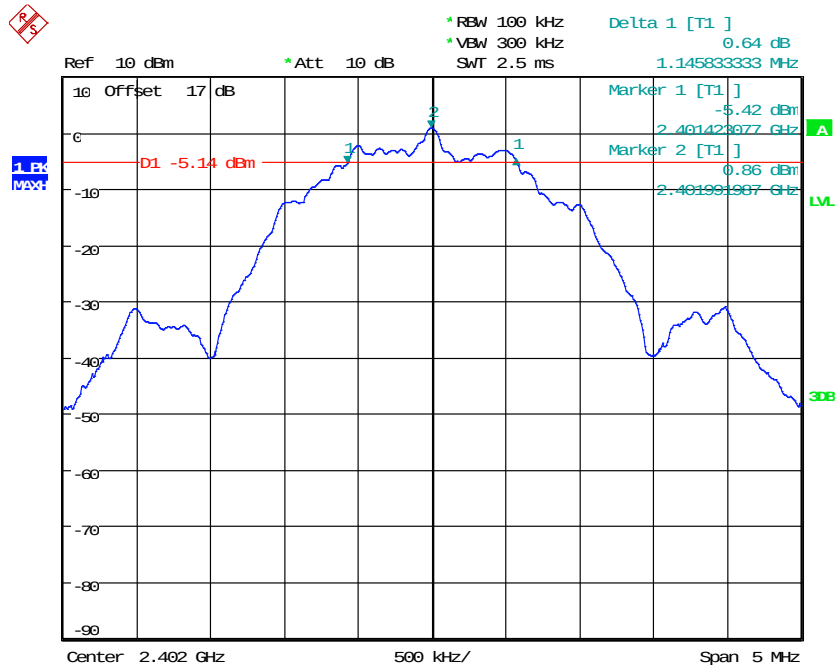


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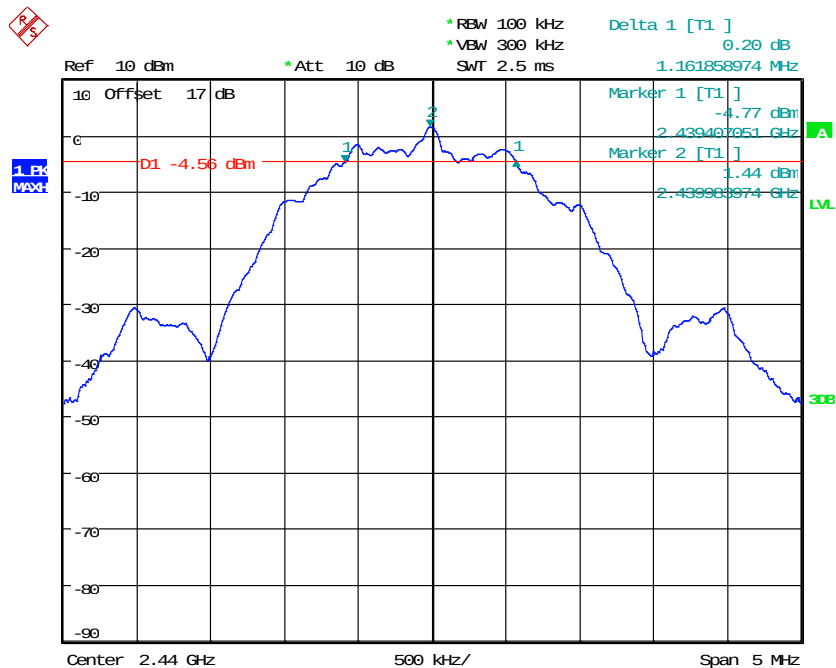
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14

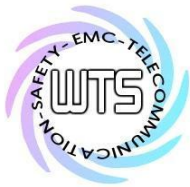
Mode L



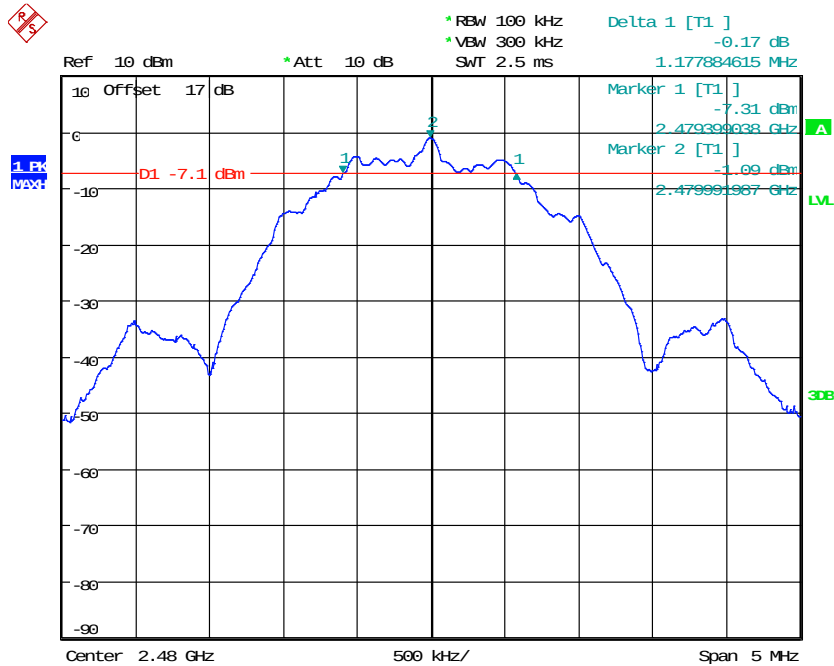
6DB BANDWIDTH BT5.0 CH00
Date: 26.NOV.2019 17:45:49



6DB BANDWIDTH BT5.0 CH19
Date: 26.NOV.2019 17:49:13



Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



6DB BANDWIDTH BT5.0 CH39
Date: 26.NOV.2019 17:48:14

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: W6M21911-19475-C-1

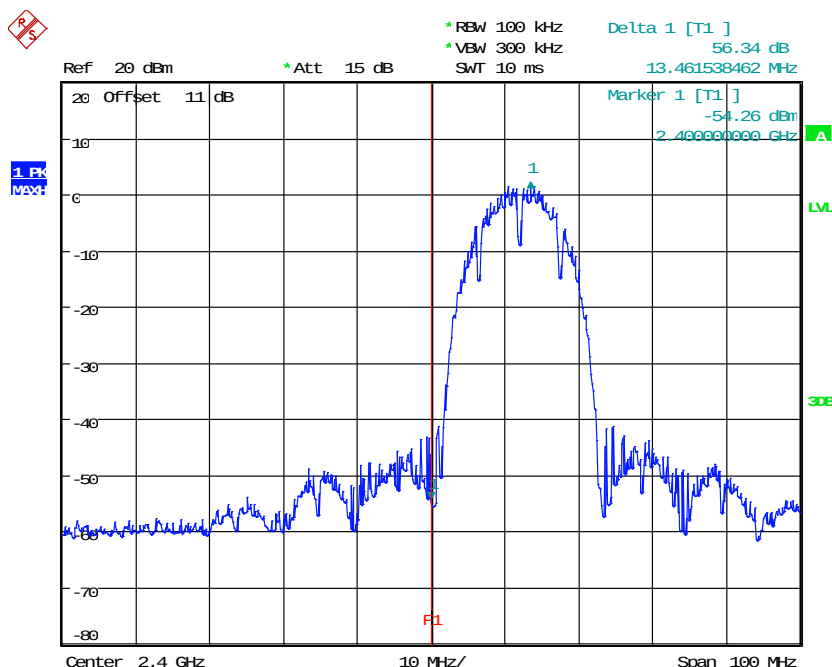
FCC ID: IR5RW14

3.10 Radiated Emission on the band edge

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

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

Mode A



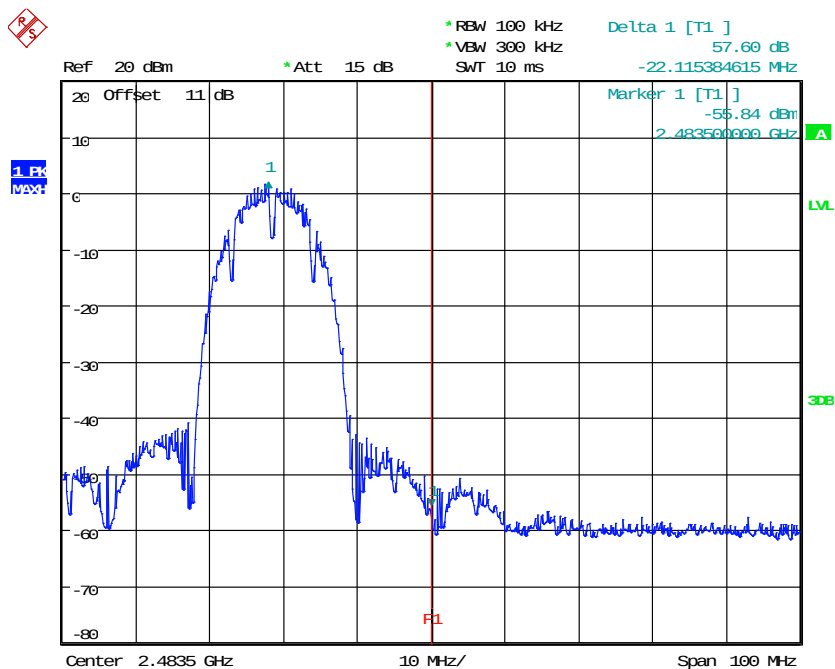
BANDEDGE 802.11B CH01

Date: 26.NOV.2019 19:12:47



Registration number: W6M21911-19475-C-1

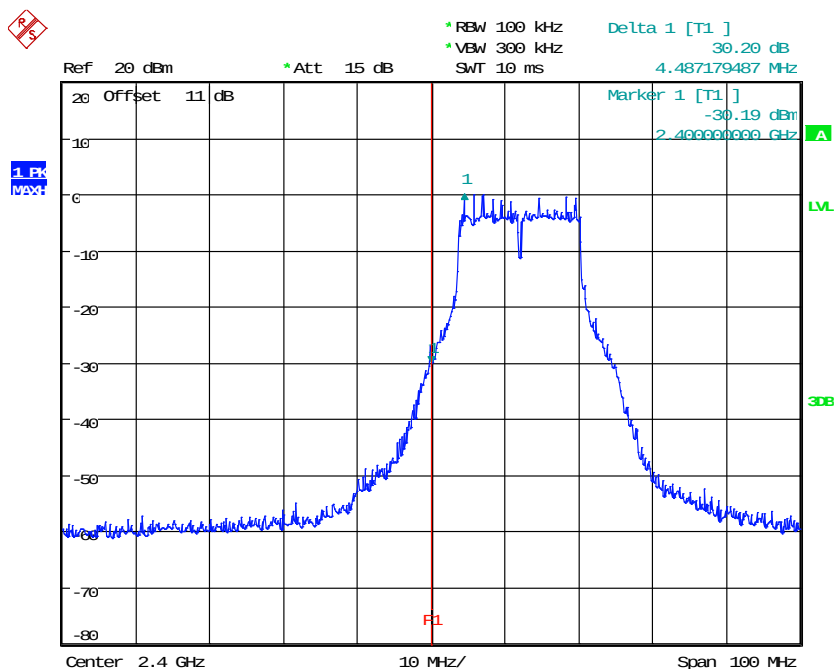
FCC ID: IR5RW14



BANDEDGE 802.11B CH11

Date: 26.NOV.2019 19:14:54

Mode B



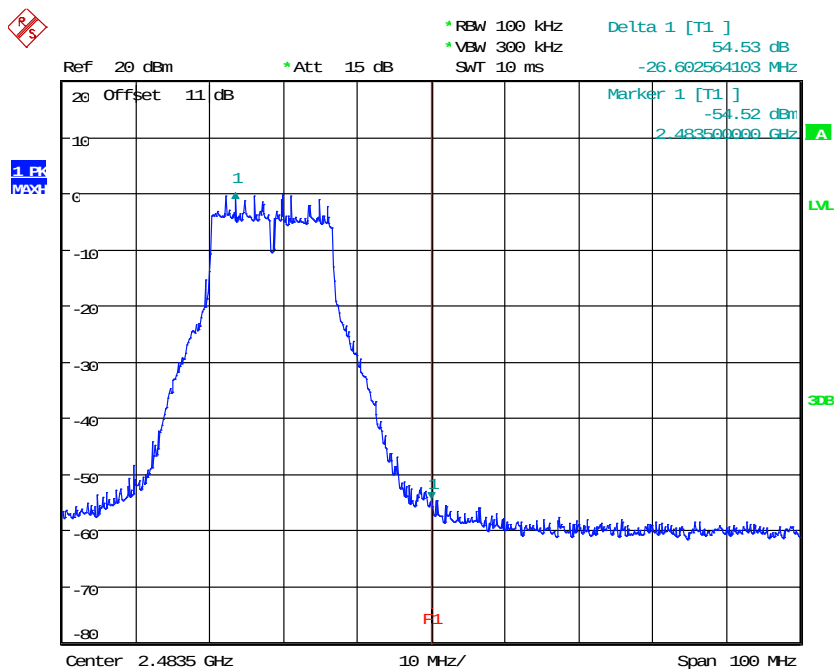
BANDEDGE 802.11G CH01

Date: 26.NOV.2019 19:16:00



Registration number: W6M21911-19475-C-1

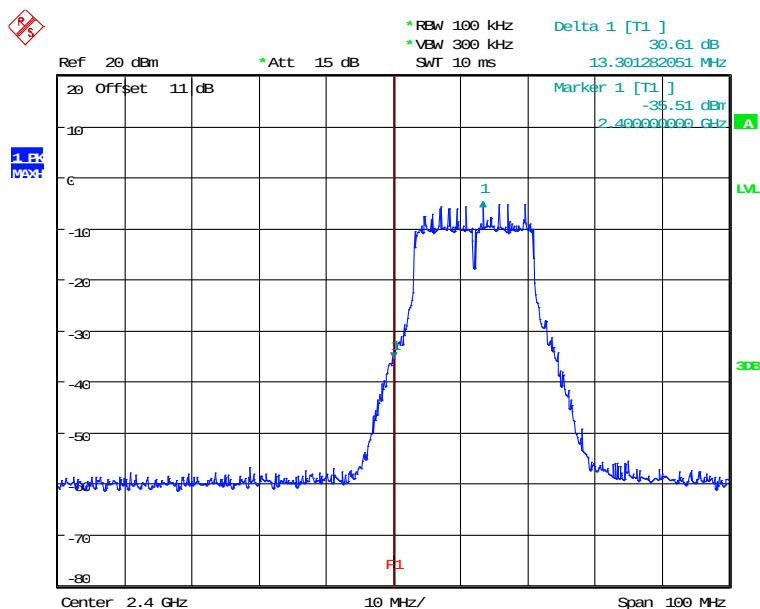
FCC ID: IR5RW14



BANDEDGE 802.11G CH11

Date: 26.NOV.2019 19:18:00

Mode C



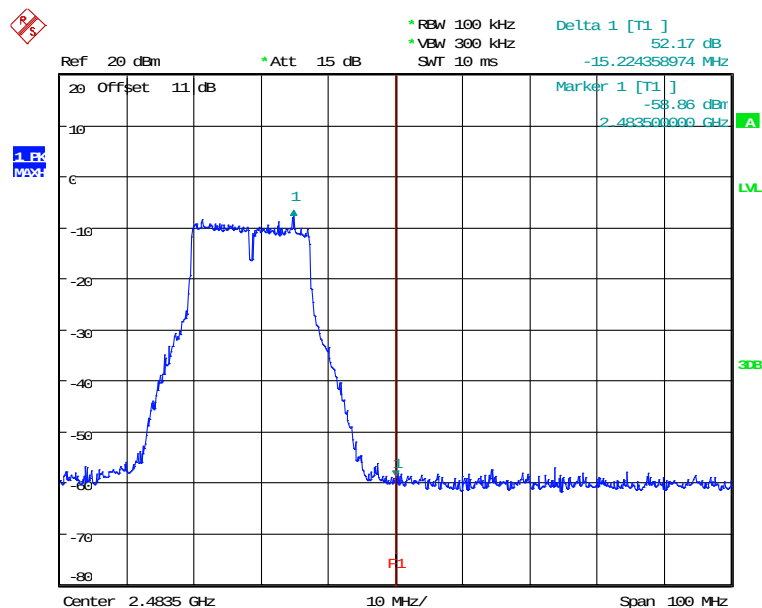
BANDEDGE 802.11N 20MHZ CH01

Date: 26.NOV.2019 19:19:12



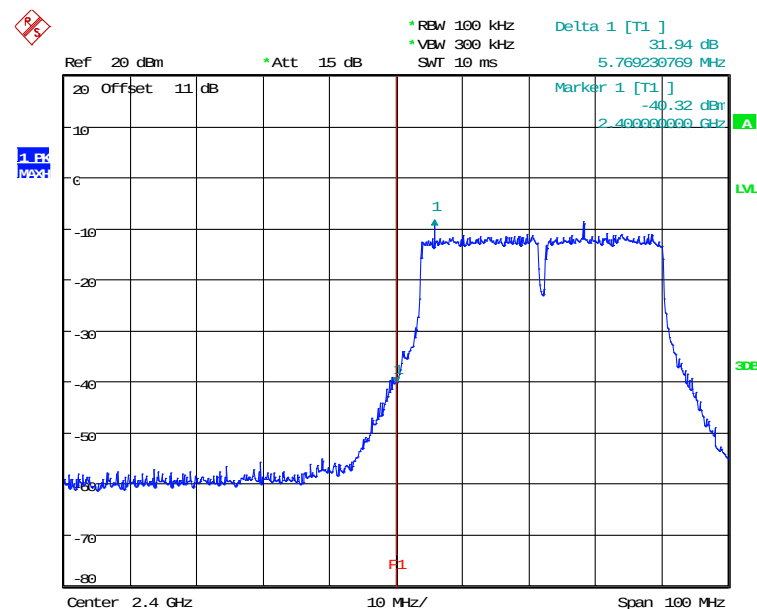
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



BANDEDGE 802.11N 20MHZ CH11
Date: 26.NOV.2019 19:21:19

Mode D

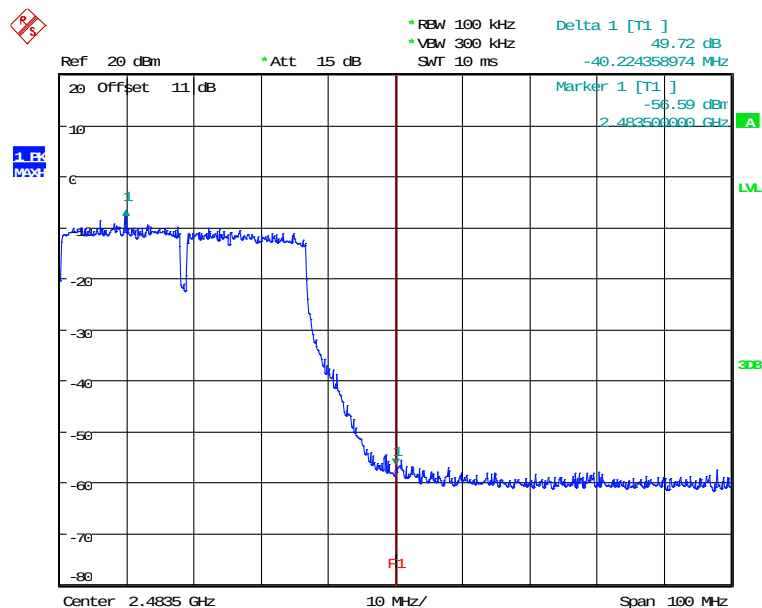


BANDEDGE 802.11N 40MHZ CH01
Date: 26.NOV.2019 19:22:32



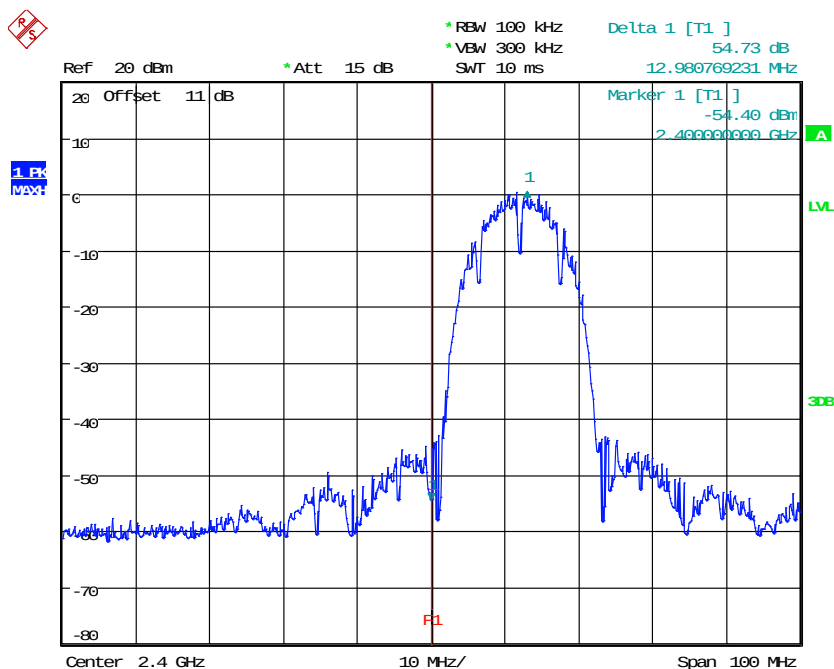
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



BANDEDGE 802.11N 40MHZ CH07
Date: 26.NOV.2019 19:24:45

Mode E

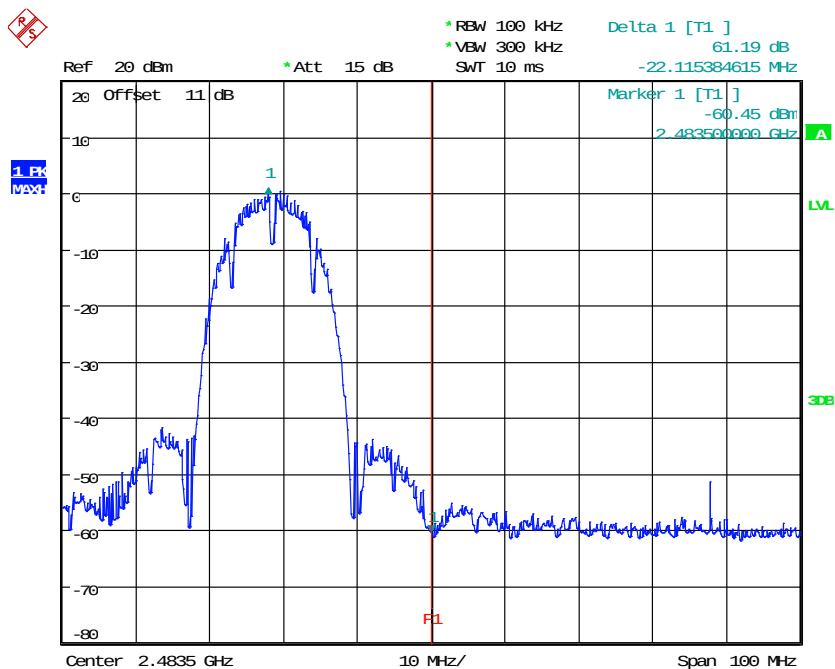


BANDEDGE 802.11B CH01
Date: 26.NOV.2019 19:42:16



Registration number: W6M21911-19475-C-1

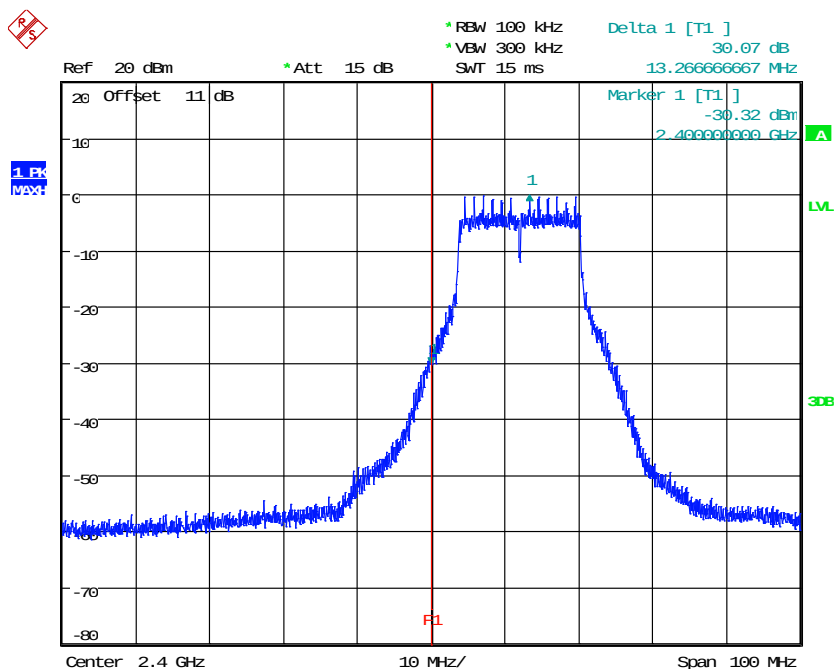
FCC ID: IR5RW14



BANDEDGE 802.11B CH11

Date: 26.NOV.2019 19:44:13

Mode F



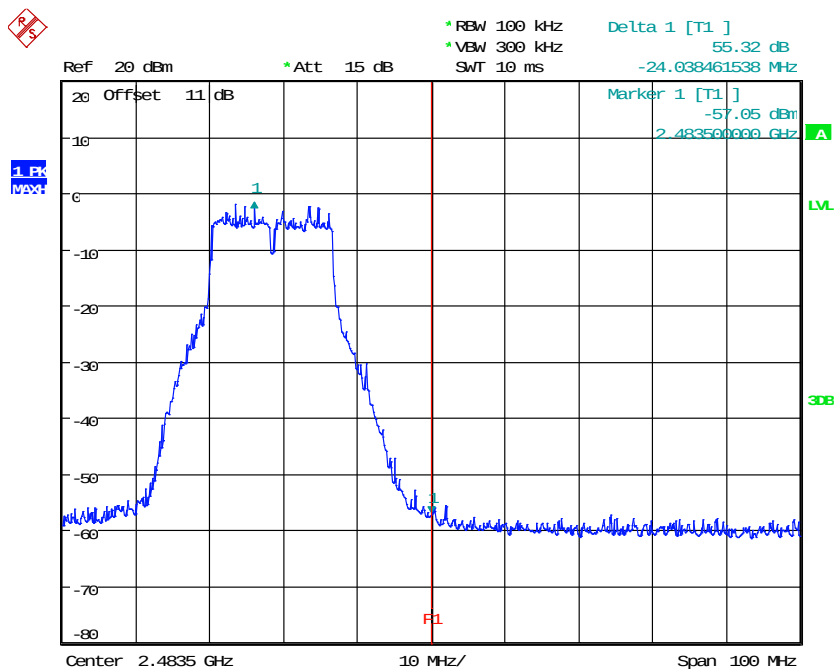
BANDEDGE 802.11G CH01

Date: 26.NOV.2019 19:46:06



Registration number: W6M21911-19475-C-1

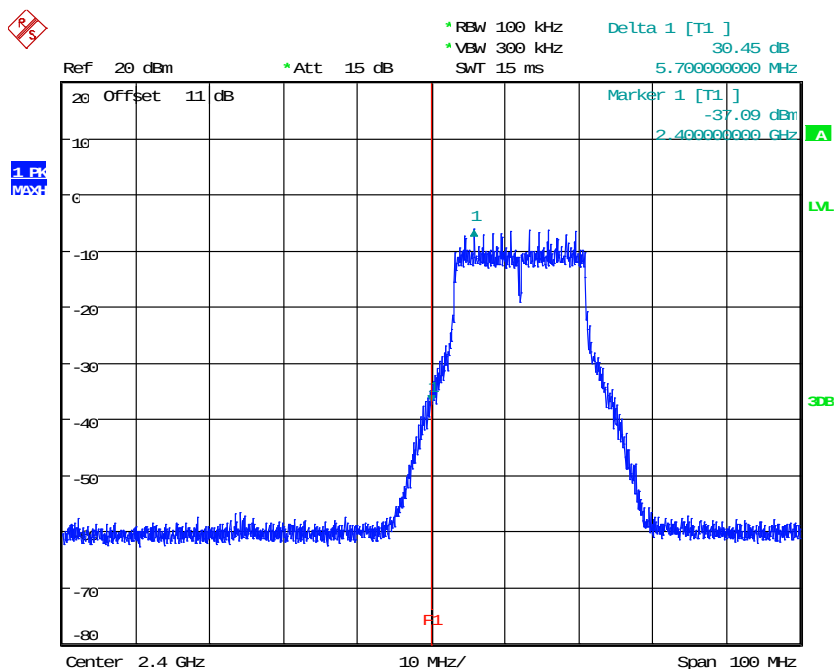
FCC ID: IR5RW14



BANDEDGE 802.11G CH11

Date: 26.NOV.2019 19:47:59

Mode G



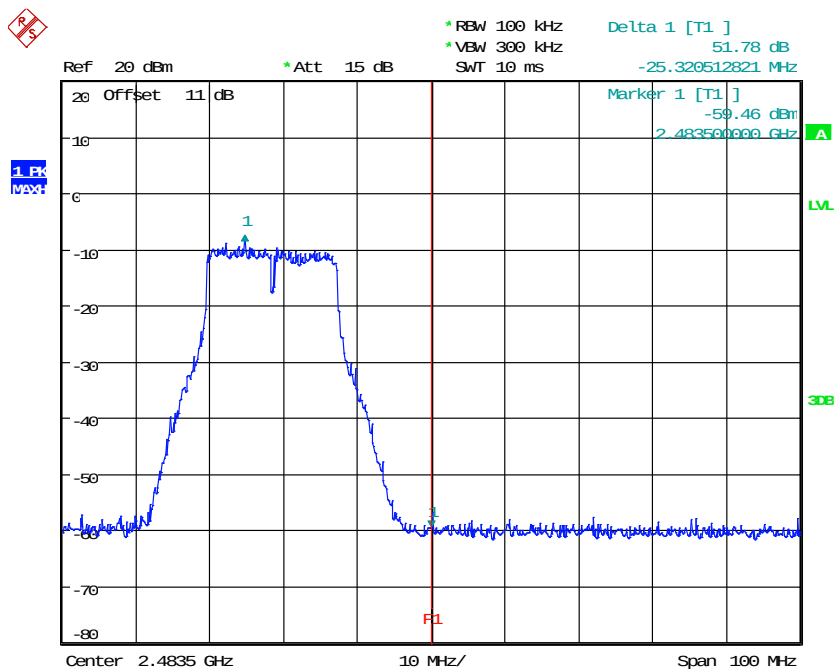
BANDEDGE 802.11N 20MHZ CH01

Date: 26.NOV.2019 19:50:26



Registration number: W6M21911-19475-C-1

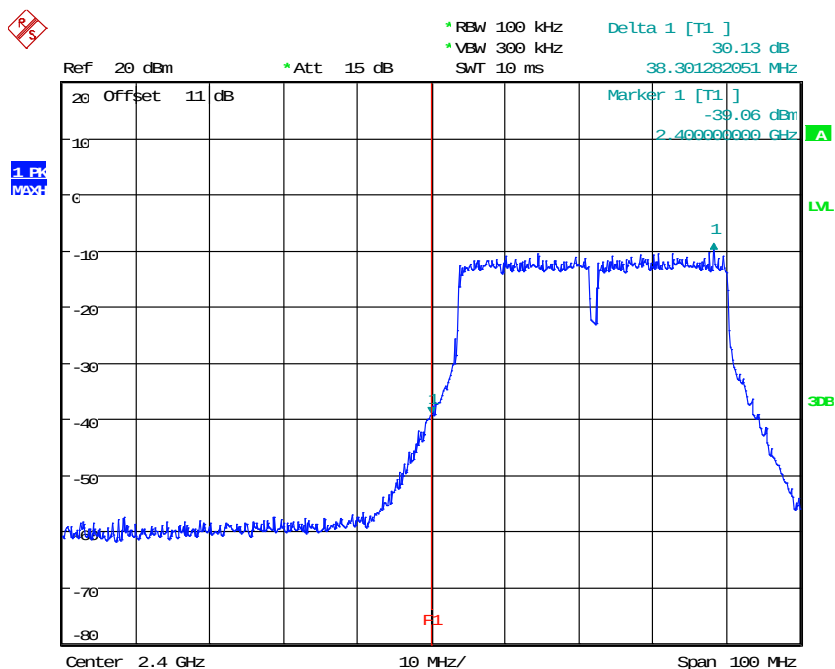
FCC ID: IR5RW14



BANDEDGE 802.11N 20MHZ CH11

Date: 26.NOV.2019 19:52:14

Mode H



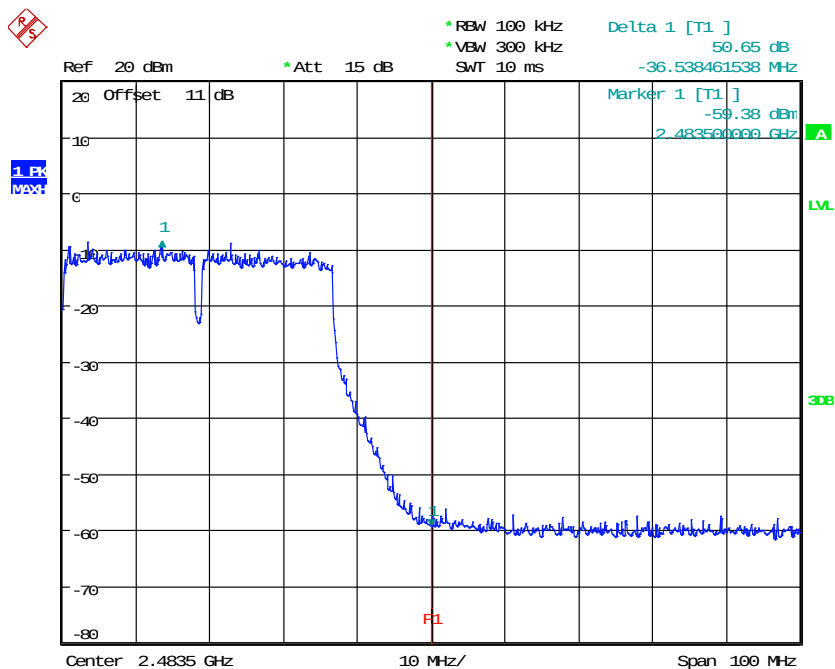
BANDEDGE 802.11N 40MHZ CH01

Date: 26.NOV.2019 19:53:34



Registration number: W6M21911-19475-C-1

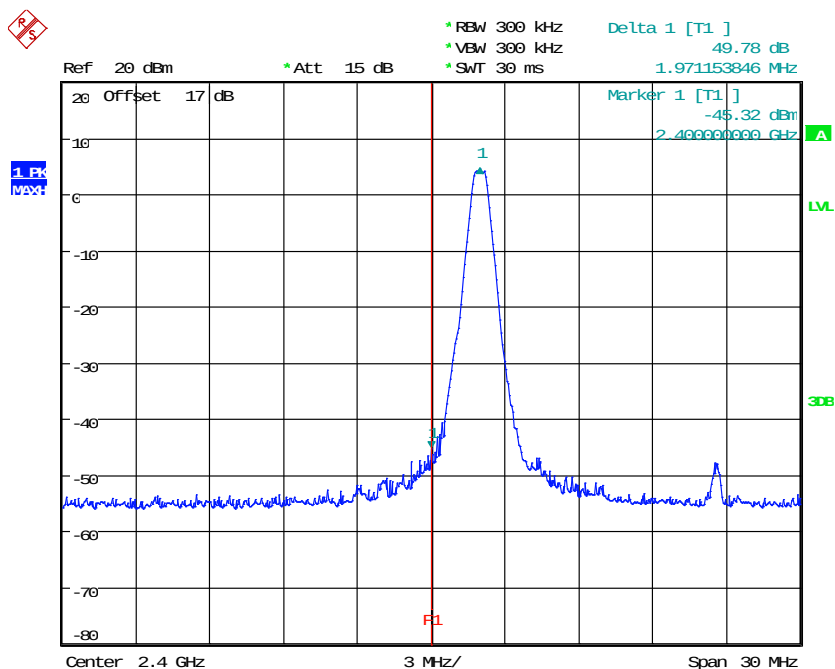
FCC ID: IR5RW14



BANDEDGE 802.11N 40MHZ CH07

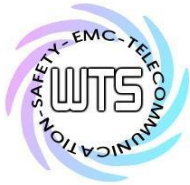
Date: 26.NOV.2019 19:55:26

Mode I

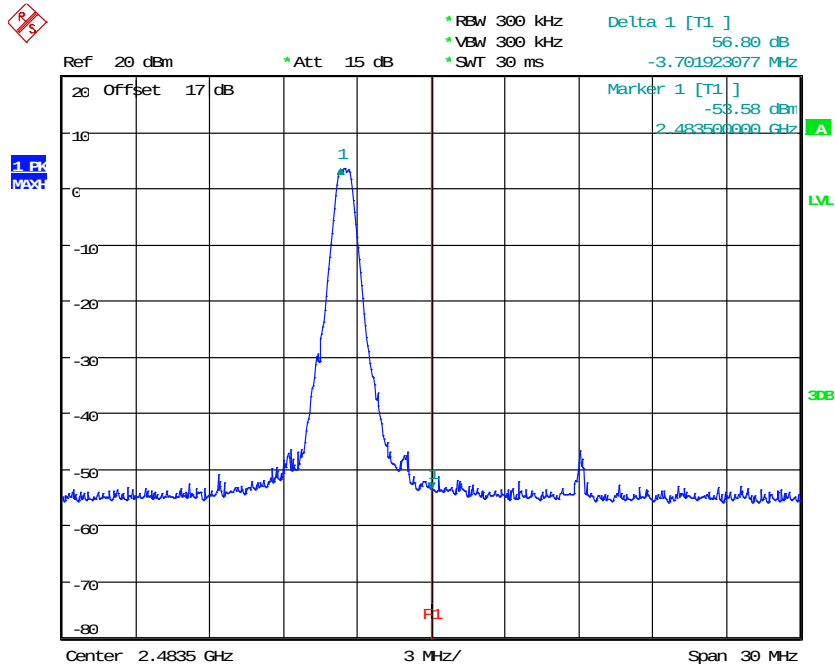


BANDEDGE CH0

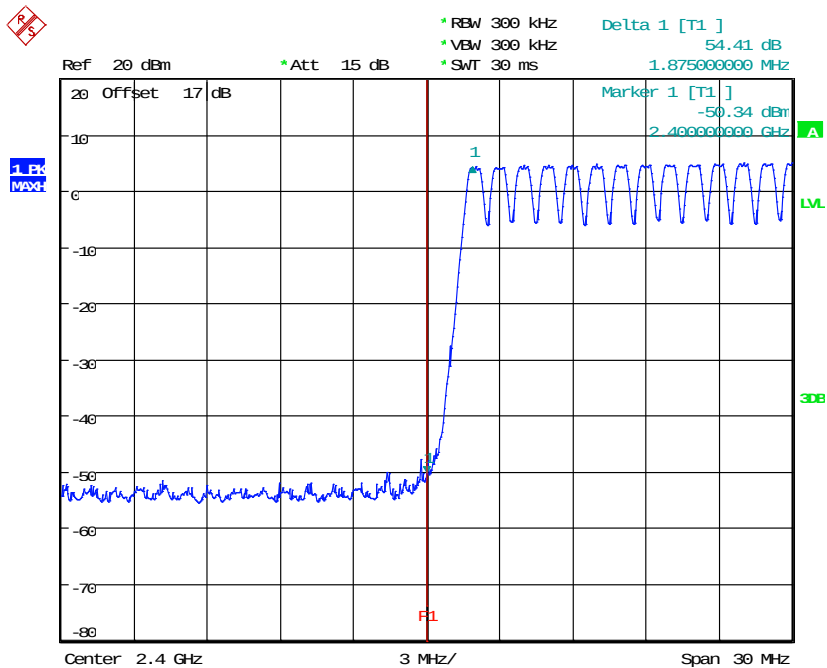
Date: 26.NOV.2019 17:23:14



Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



BANDEDGE CH78
Date: 26.NOV.2019 17:24:46

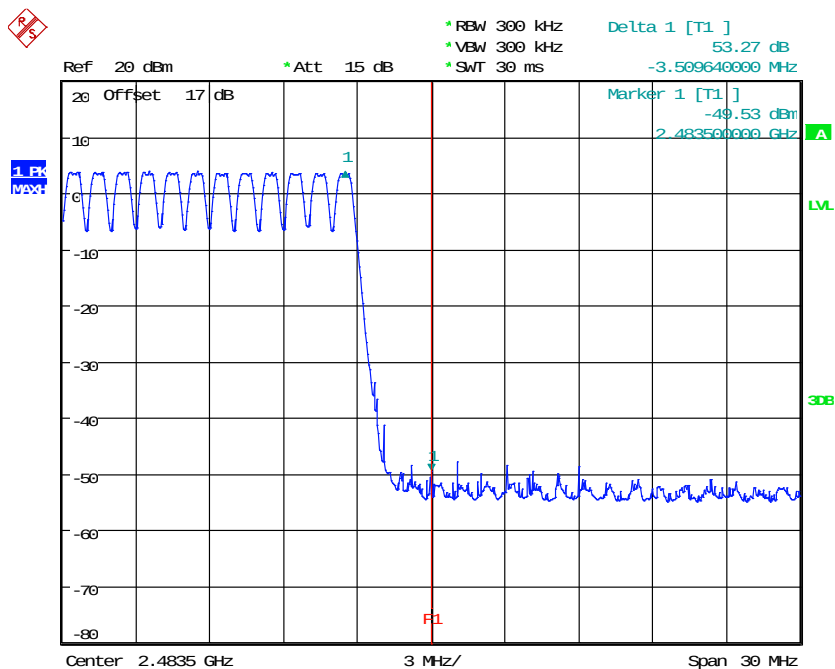


BANDEDGE CH0 HOPPING MODE
Date: 26.NOV.2019 17:26:14



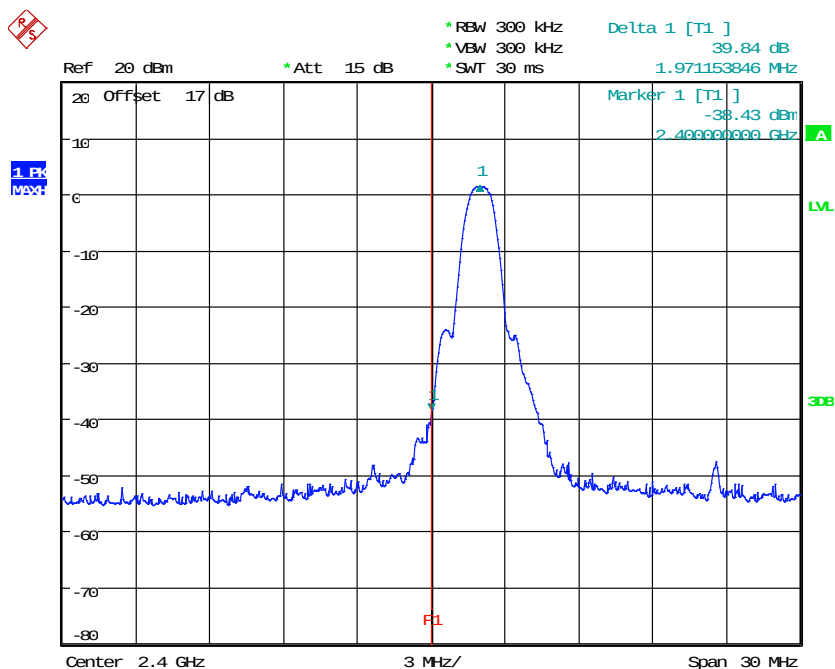
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



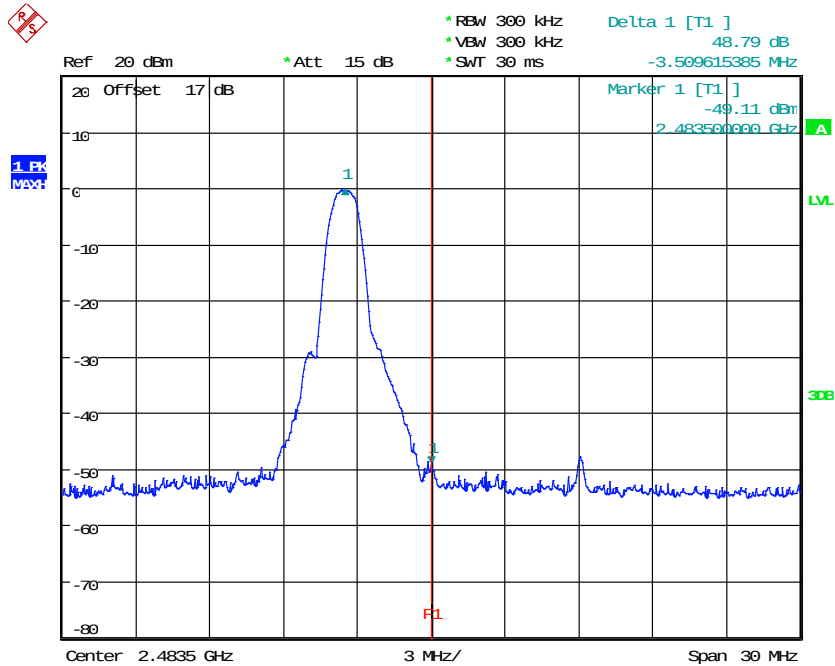
BANDEDGE CH78 HOPPING MODE
Date: 26.NOV.2019 17:26:54

Mode J

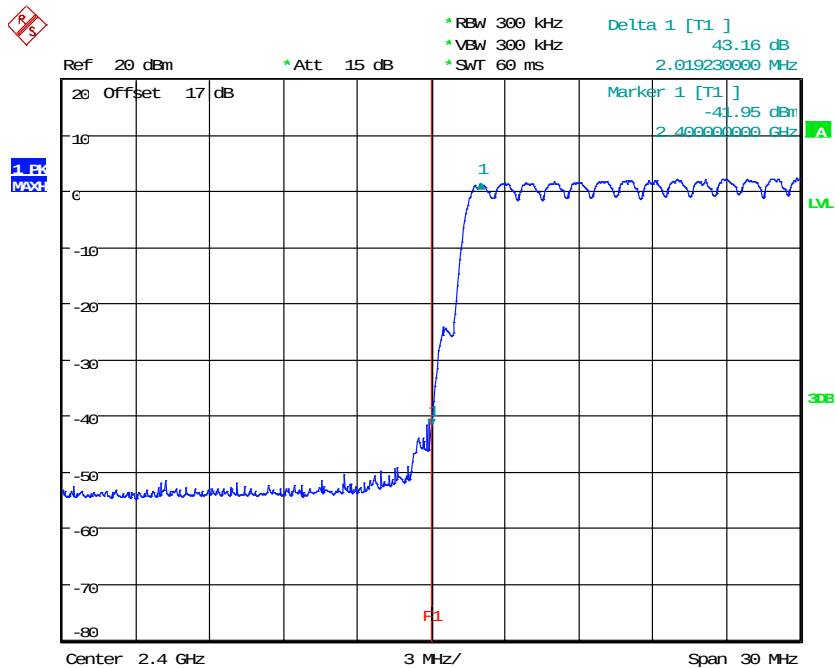


BANDEDGE CH9 EDR MODE
Date: 26.NOV.2019 17:31:10

Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



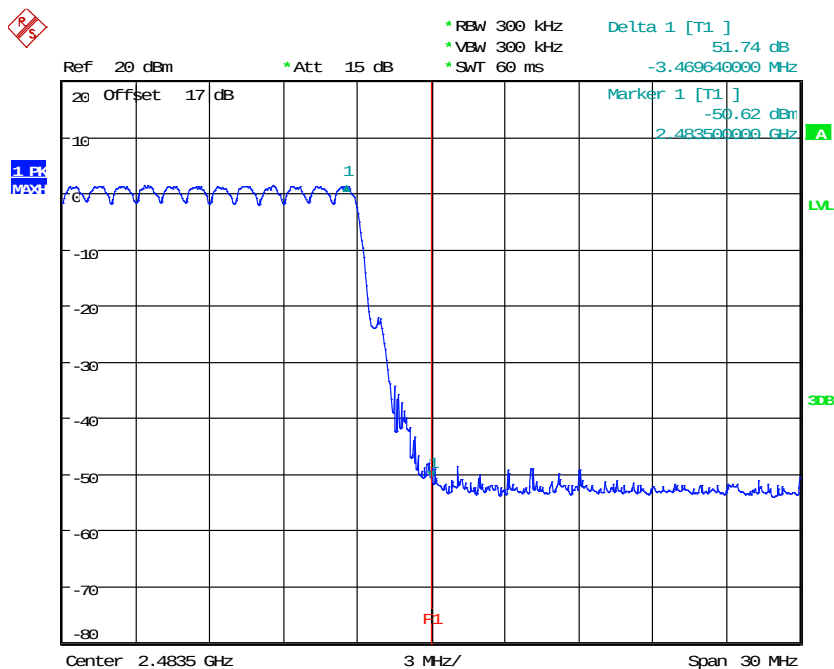
BANDEDGE CH78 EDR MODE
Date: 26.NOV.2019 17:32:22



BANDEDGE CH0 EDR HOPPING MODE
Date: 26.NOV.2019 17:34:26

Registration number: W6M21911-19475-C-1

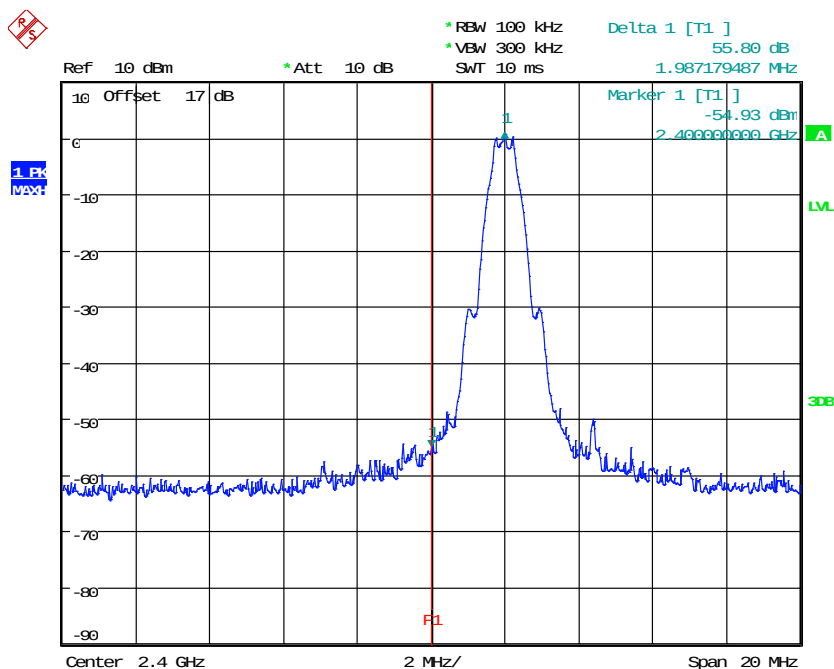
FCC ID: IR5RW14



BANDEDGE CH78 EDR HOPPING MODE

Date: 26.NOV.2019 17:36:10

Mode K



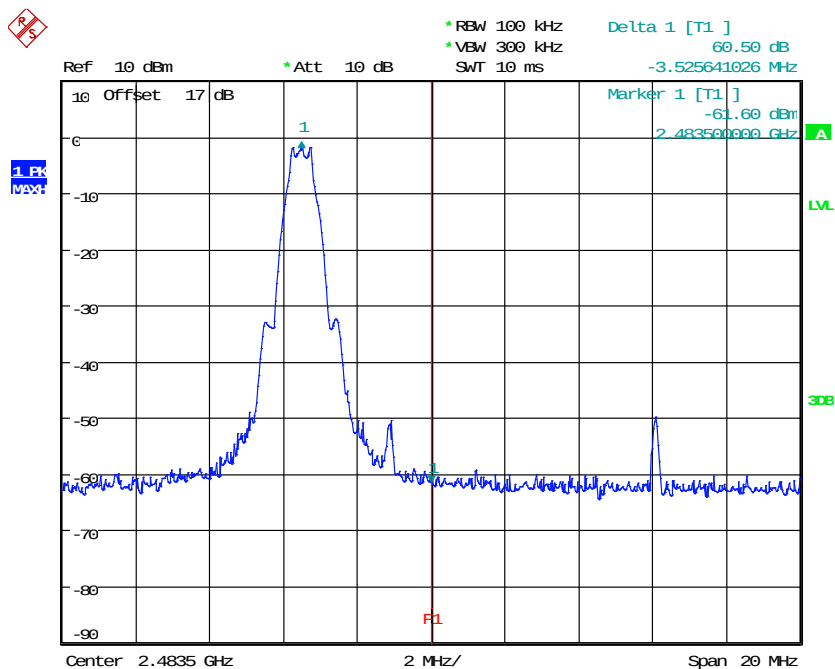
BANDEDGE BT4.0 CH00

Date: 26.NOV.2019 17:37:00



Registration number: W6M21911-19475-C-1

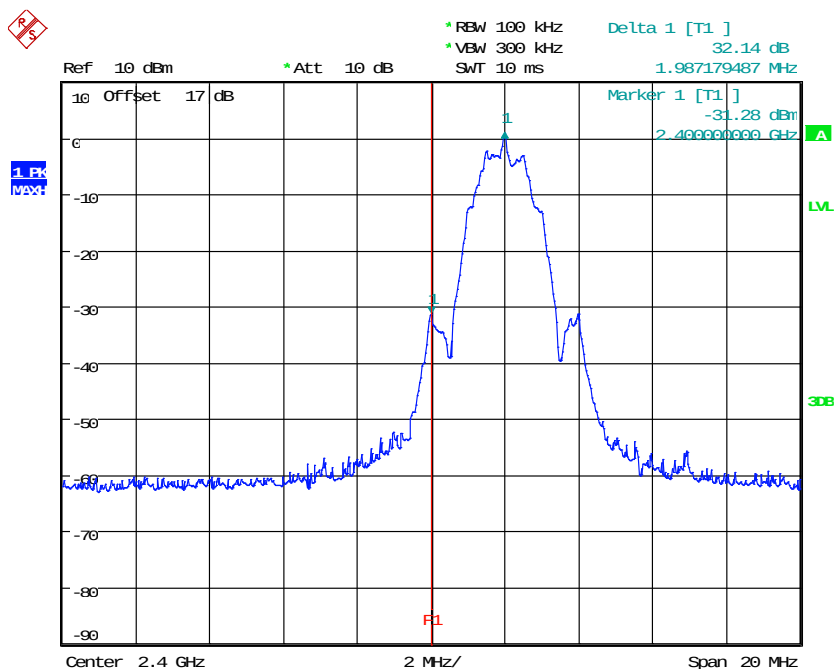
FCC ID: IR5RW14



BANDEDGE BT4.0 CH39

Date: 26.NOV.2019 17:38:20

Mode L



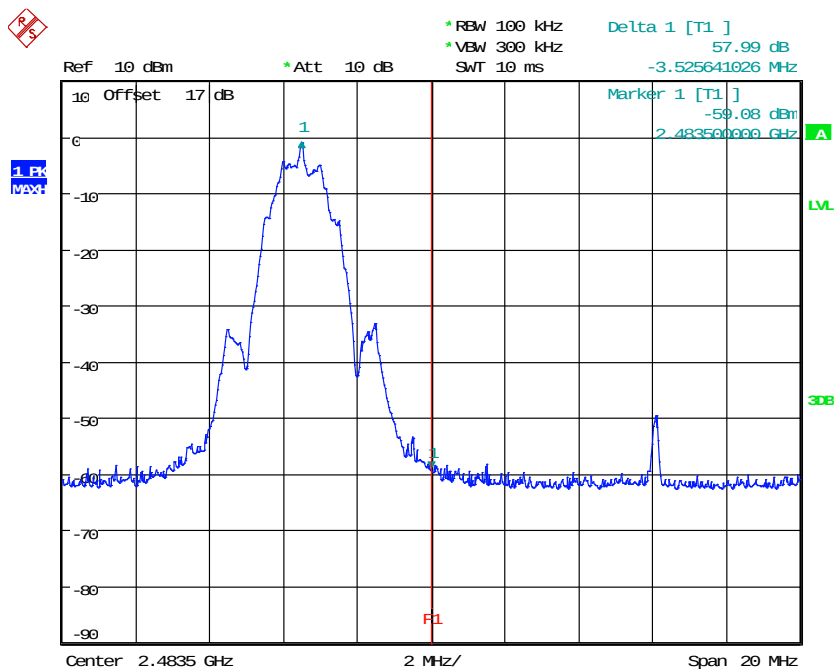
BANDEDGE BT5.0 CH00

Date: 26.NOV.2019 17:50:20



Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



BANDEDGE BT5.0 CH39
Date: 26.NOV.2019 17:51:02

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: W6M21911-19475-C-1

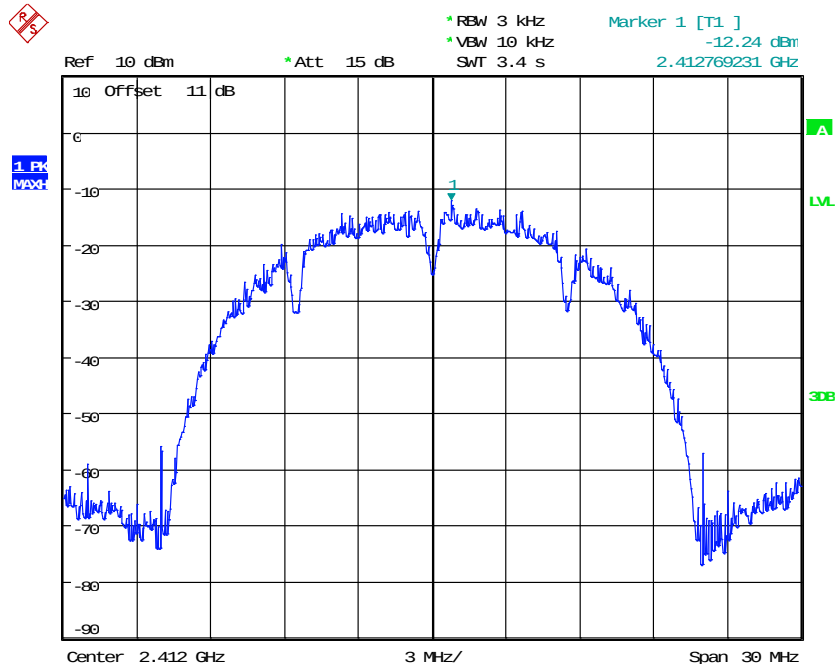
FCC ID: IR5RW14

3.11 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.

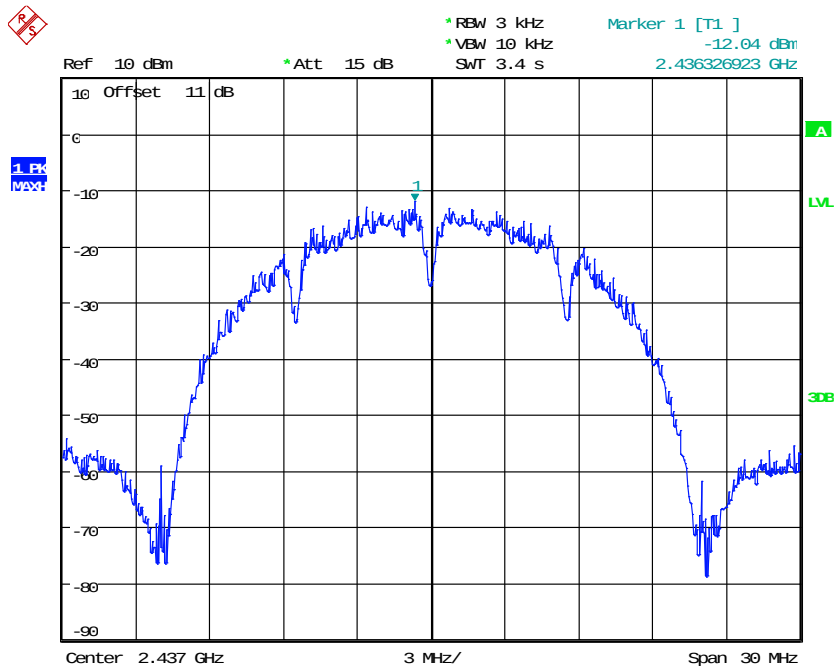
Mode A



POWER DENSITY 802.11B CH01
 Date: 26.NOV.2019 19:12:43

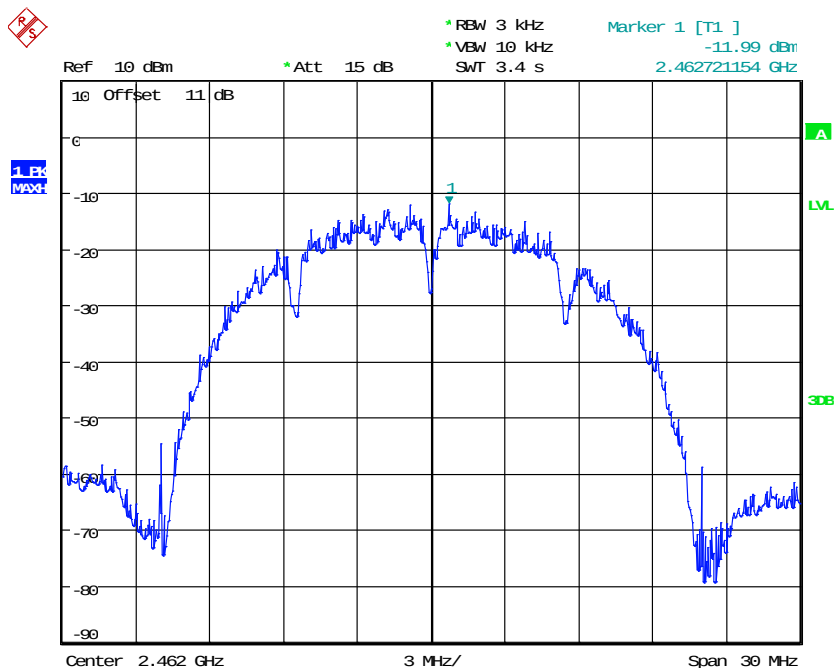
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



POWER DENSITY 802.11B CH06

Date: 26.NOV.2019 19:13:47



POWER DENSITY 802.11B CH11

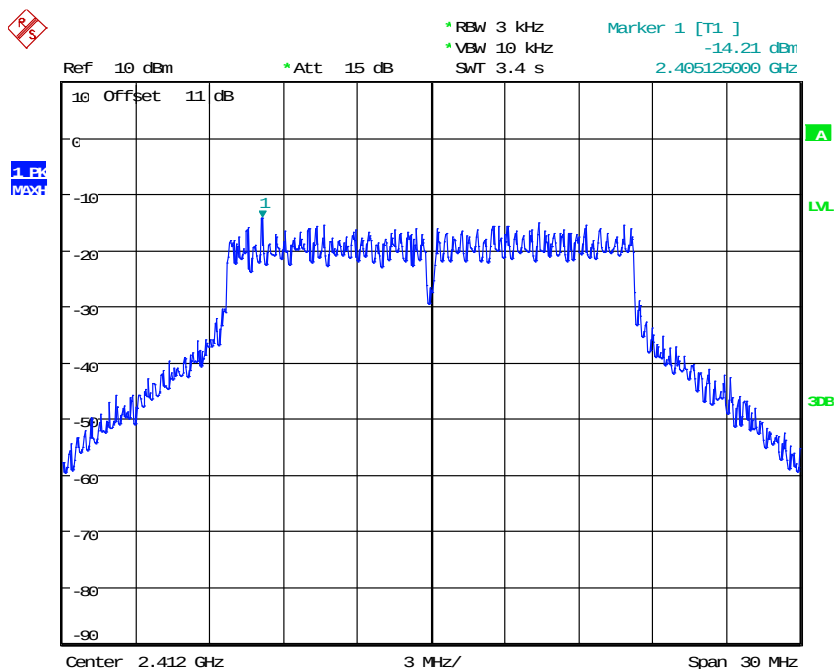
Date: 26.NOV.2019 19:14:50



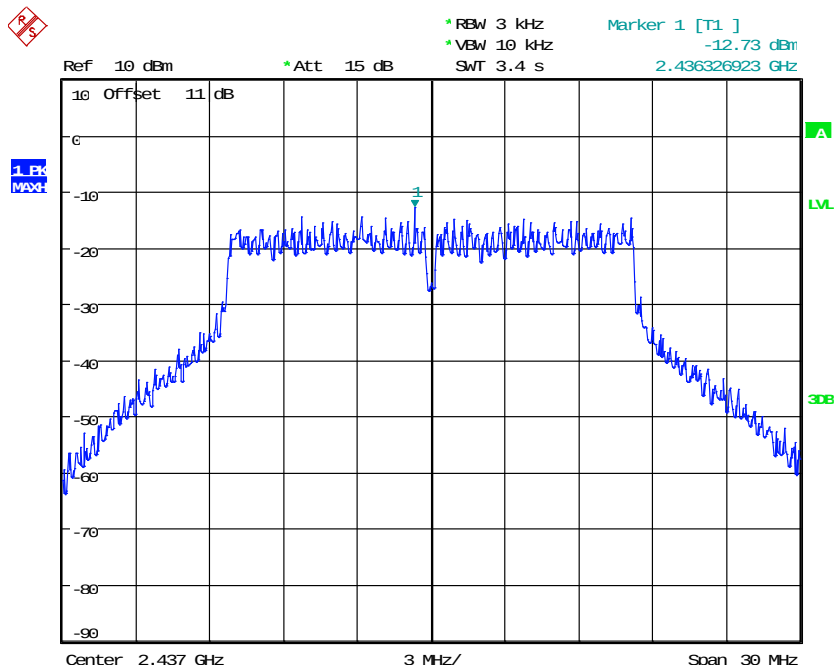
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14

Mode B



POWER DENSITY 802.11G CH01
Date: 26.NOV.2019 19:15:56

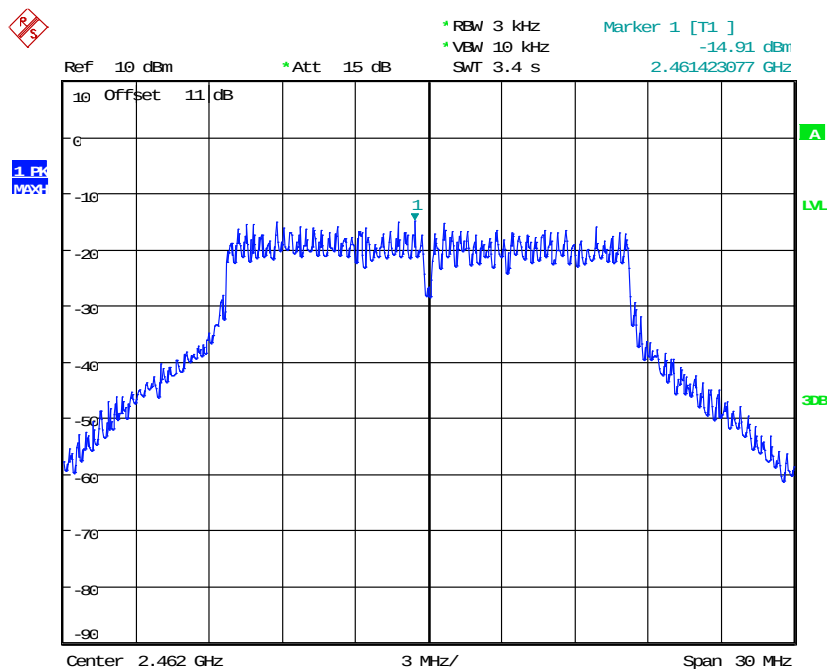


POWER DENSITY 802.11G CH06
Date: 26.NOV.2019 19:16:56



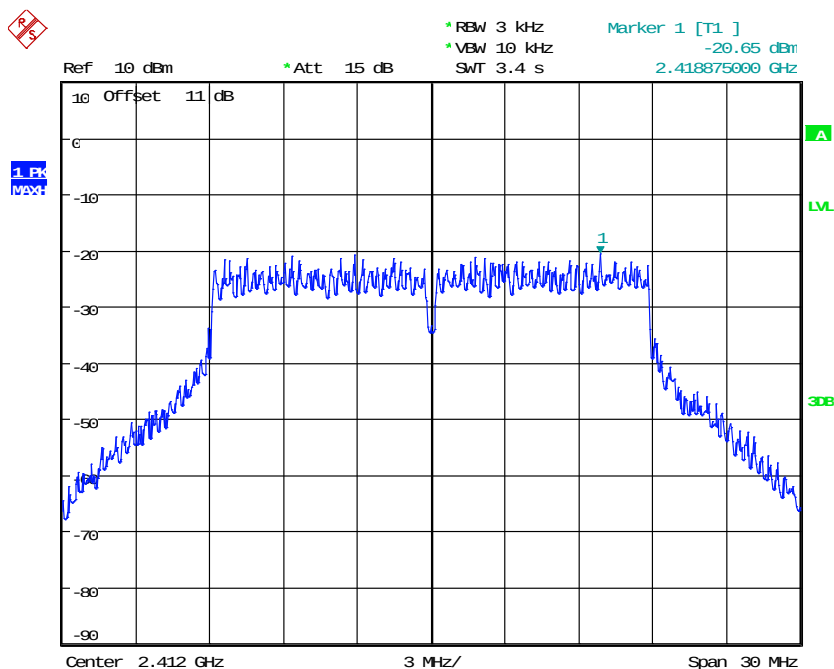
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



POWER DENSITY 802.11G CH11
Date: 26.NOV.2019 19:17:56

Mode C



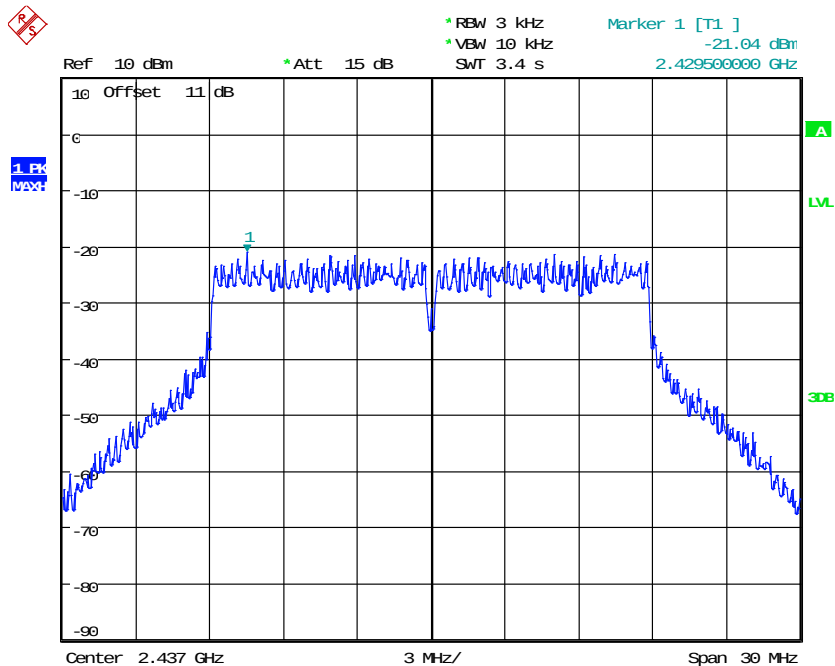
POWER DENSITY 802.11N 20MHz CH1
Date: 26.NOV.2019 19:19:08



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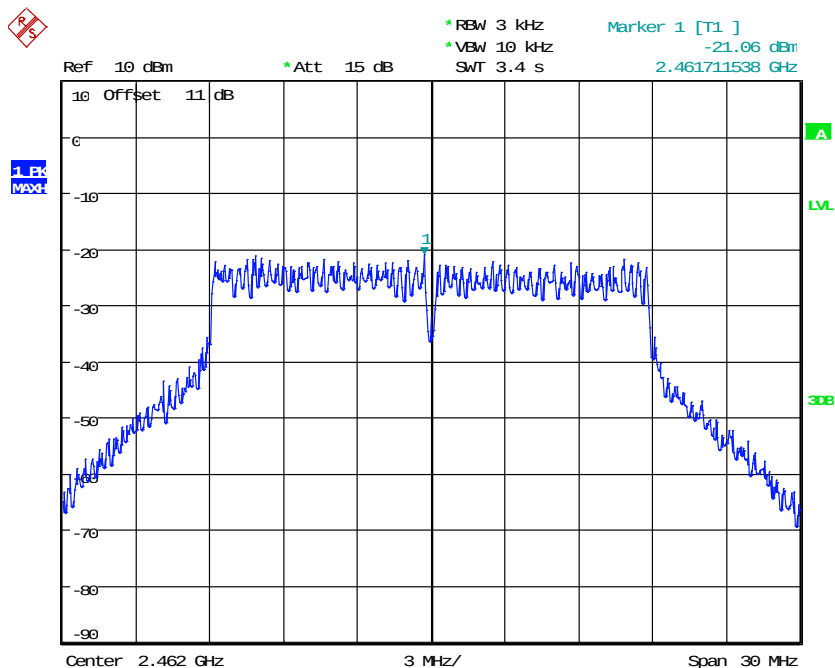
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14



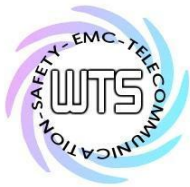
POWER DENSITY 802.11N 20MHZ CH6

Date: 26.NOV.2019 19:20:10



POWER DENSITY 802.11N 20MHZ CH11

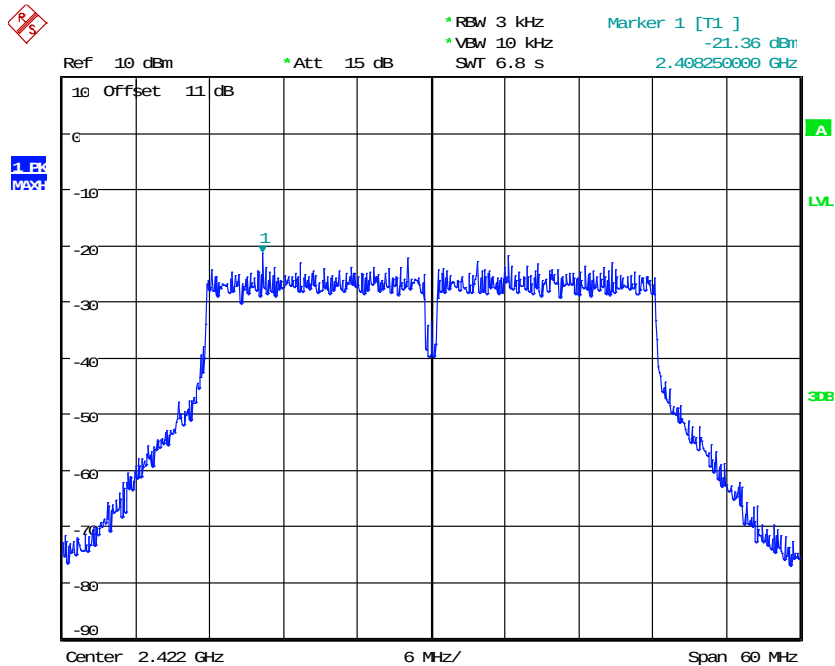
Date: 26.NOV.2019 19:21:15



Registration number: W6M21911-19475-C-1

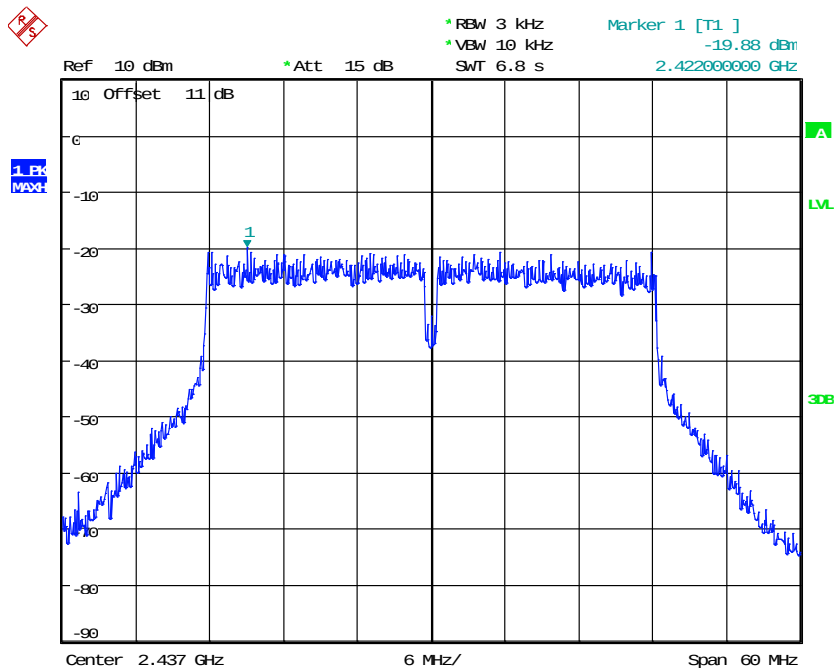
FCC ID: IR5RW14

Mode D



POWER DENSITY 802.11N 40MHZ CH1

Date: 26.NOV.2019 19:22:28



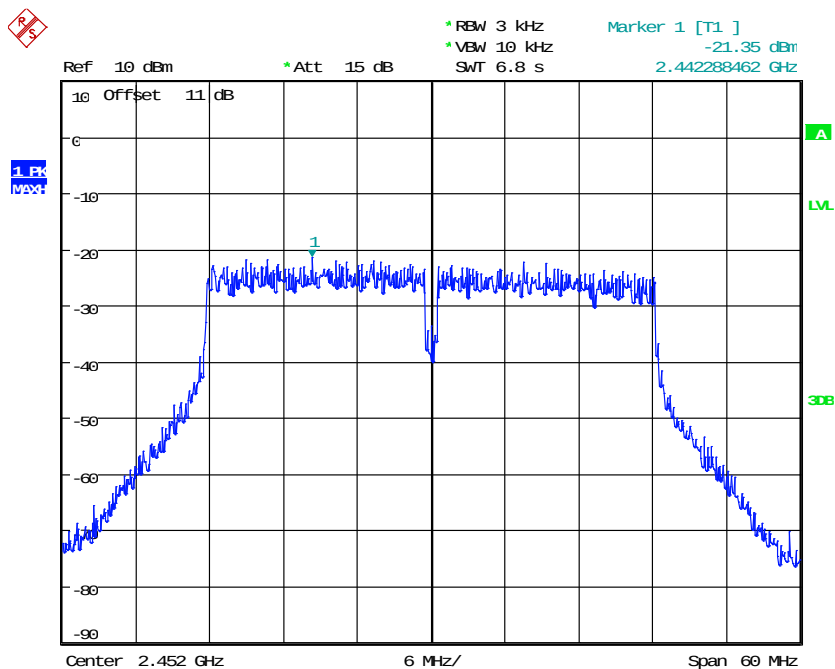
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Date: 26.NOV.2019 19:23:38



Registration number: W6M21911-19475-C-1

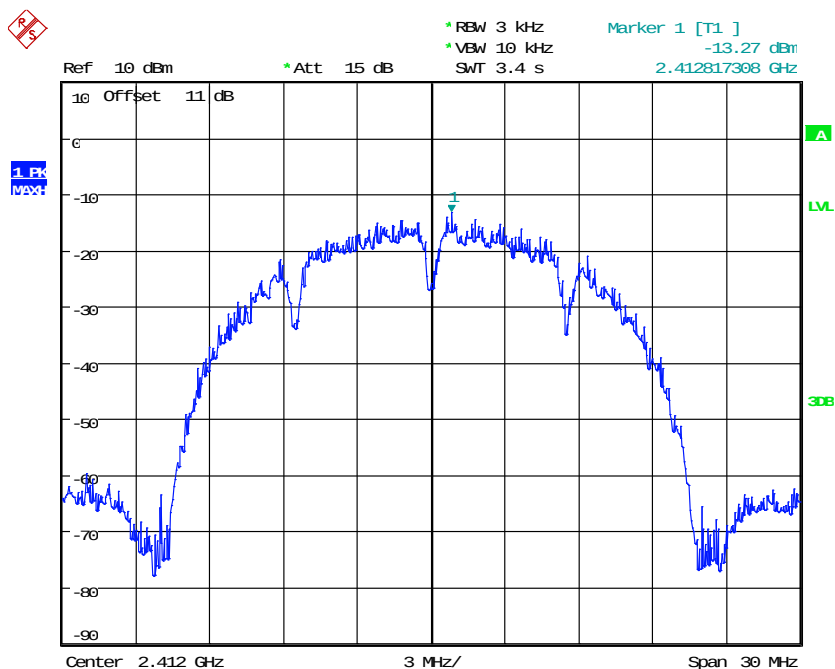
FCC ID: IR5RW14



POWER DENSITY 802.11N 40MHZ CH7

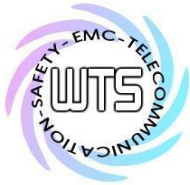
Date: 26.NOV.2019 19:24:41

Mode E

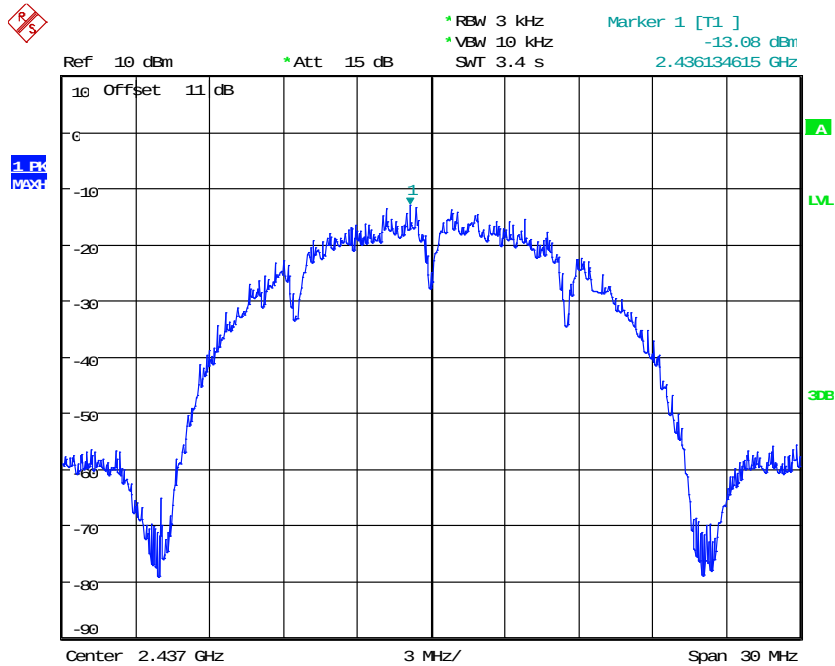


POWER DENSITY 802.11B CH01

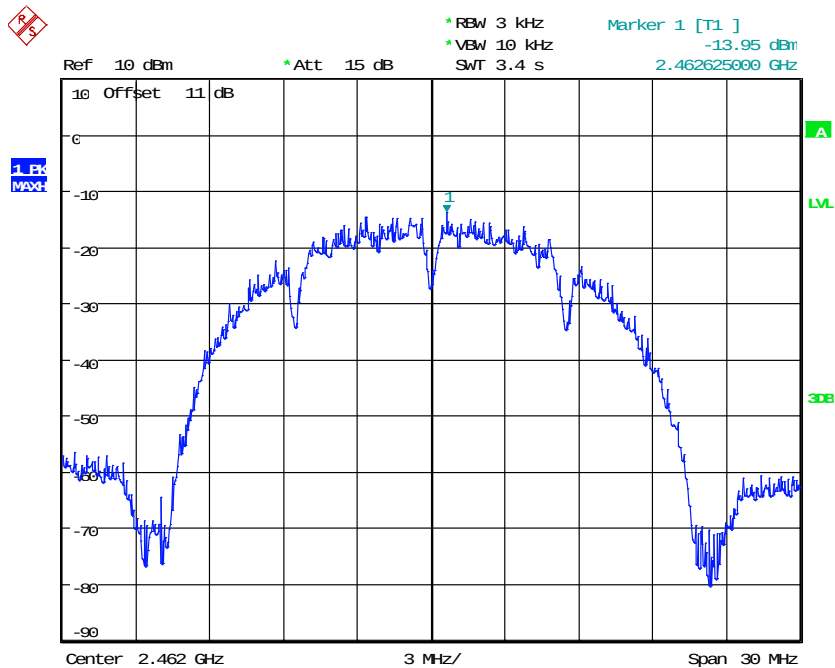
Date: 26.NOV.2019 19:42:12



Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



POWER DENSITY 802.11B CH06
Date: 26.NOV.2019 19:43:13



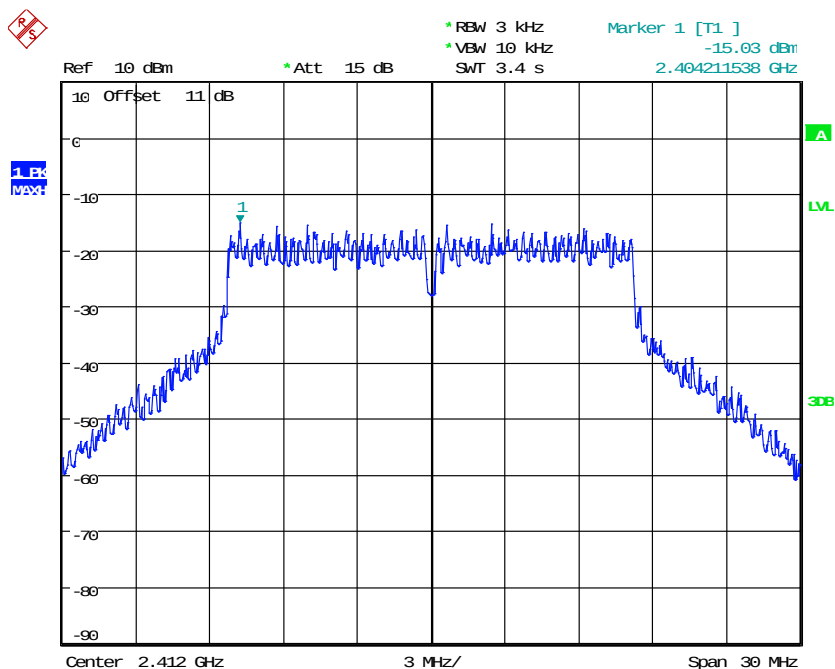
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Date: 26.NOV.2019 19:44:09



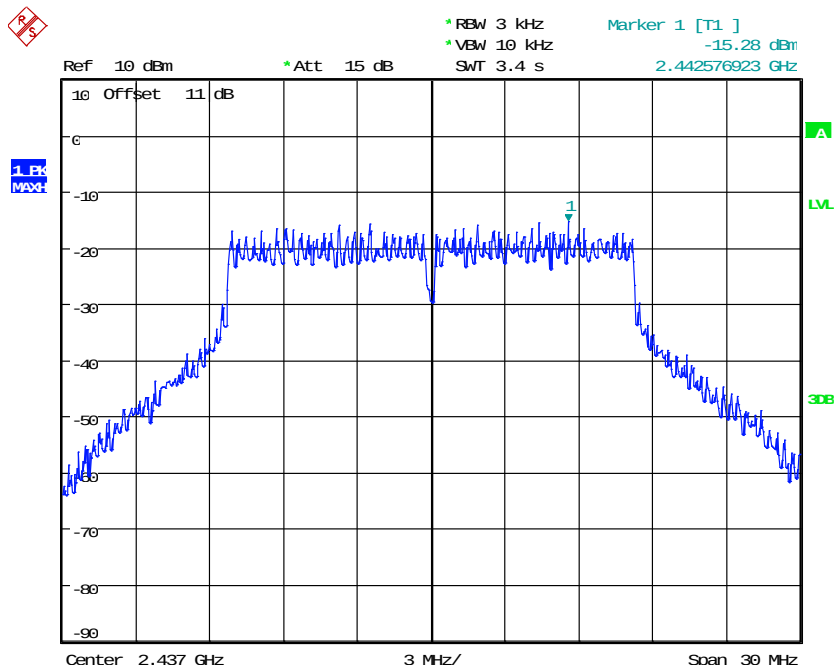
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14

Mode F



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Date: 26.NOV.2019 19:44:57

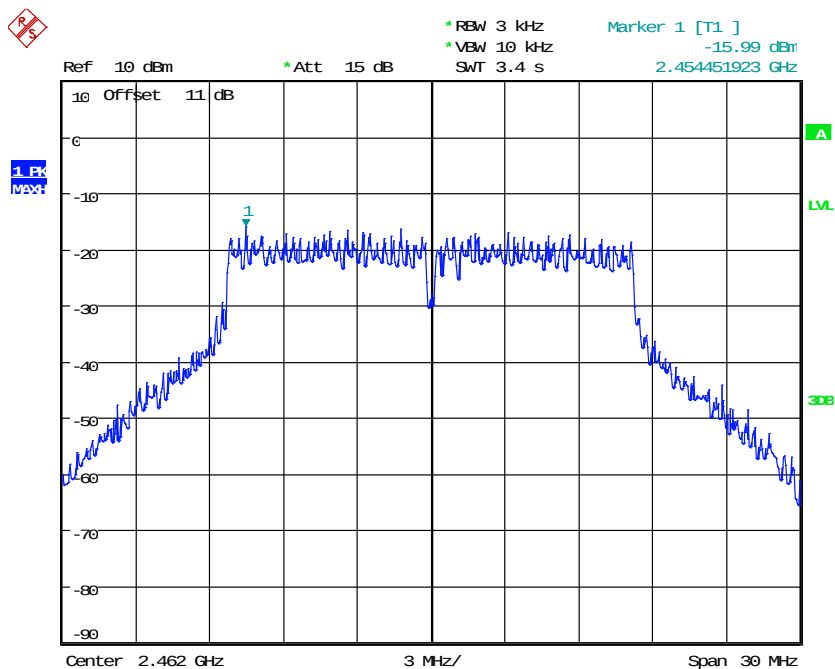


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Date: 26.NOV.2019 19:47:00



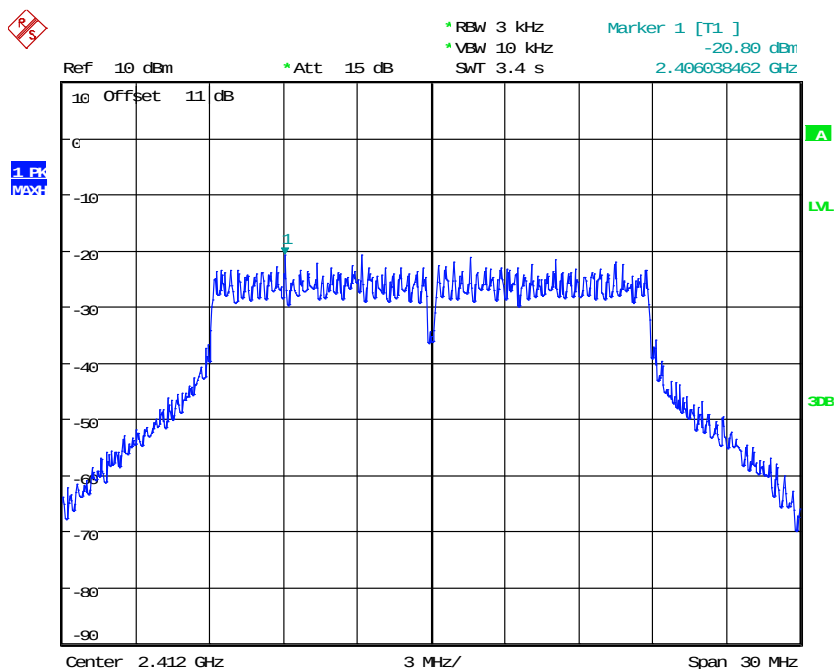
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14

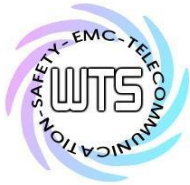


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Date: 26.NOV.2019 19:47:55

Mode G

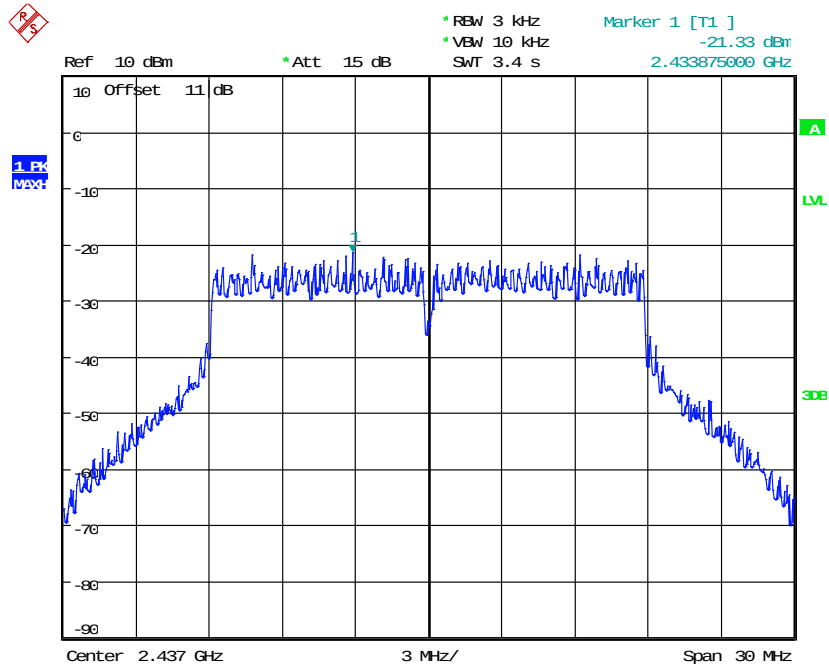


POWER DENSITY 802.11N 20MHZ CH1
Date: 26.NOV.2019 19:49:37



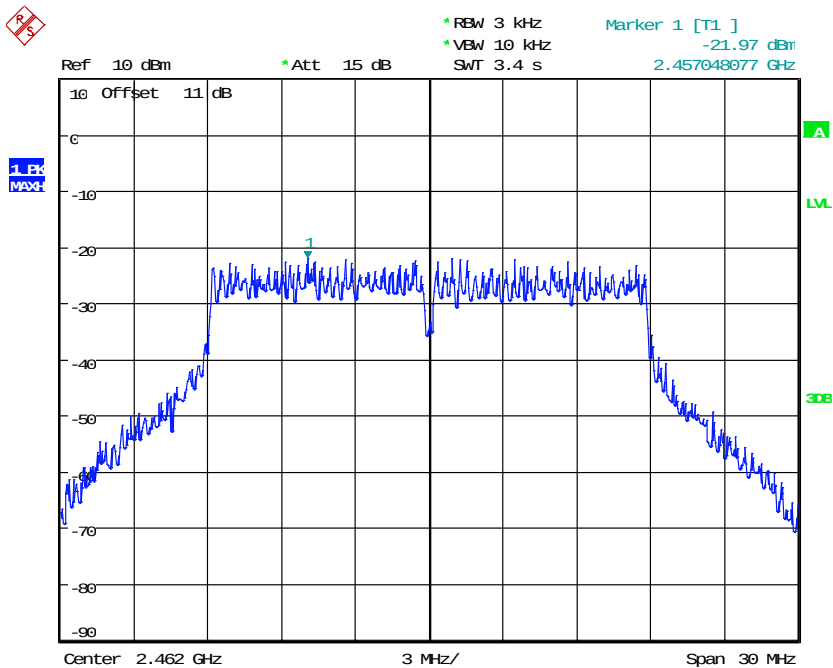
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



POWER DENSITY 802.11N 20MHZ CH6

Date: 26.NOV.2019 19:51:23



POWER DENSITY 802.11N 20MHZ CH11

Date: 26.NOV.2019 19:52:10

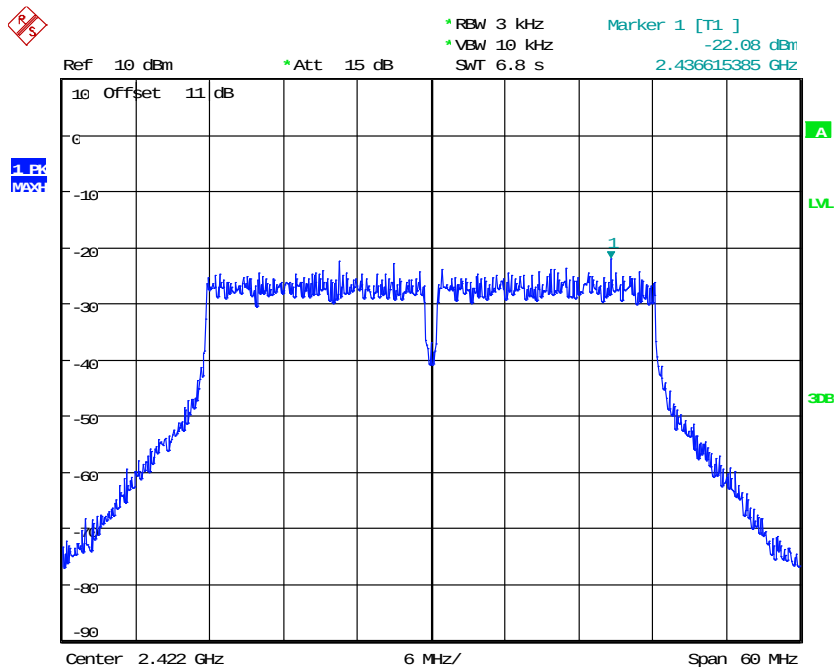


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21911-19475-C-1

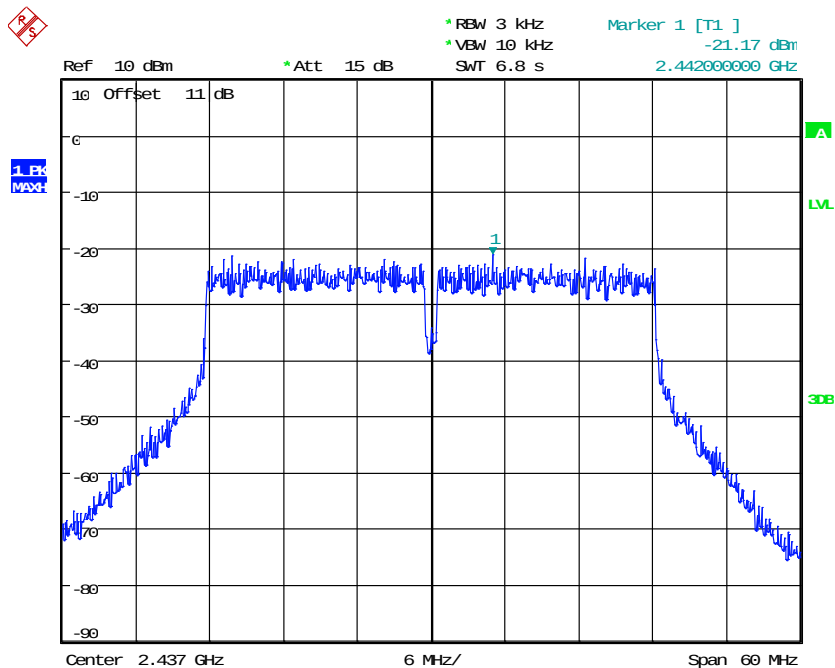
FCC ID: IR5RW14

Mode H



POWER DENSITY 802.11N 40MHZ CH1

Date: 26.NOV.2019 19:53:30



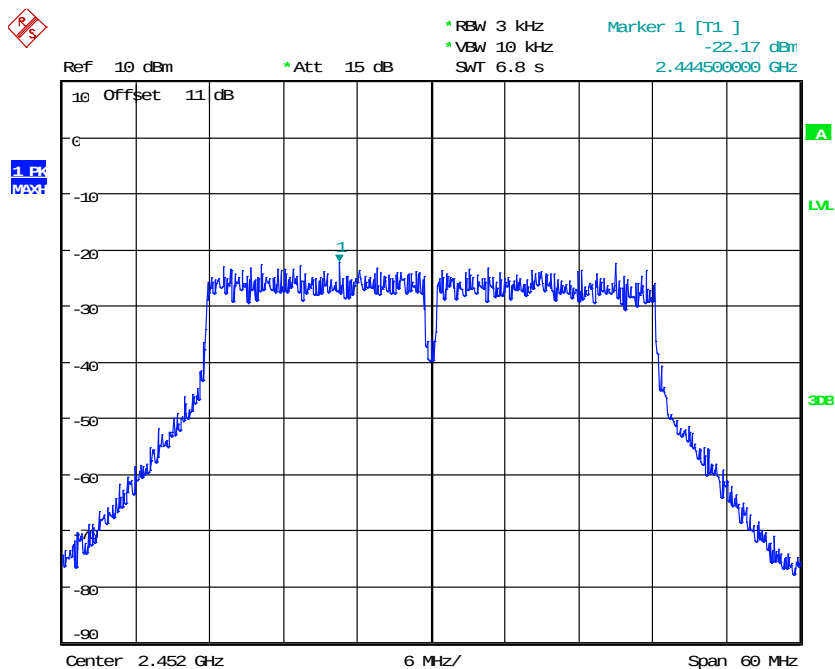
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Date: 26.NOV.2019 19:54:25



Registration number: W6M21911-19475-C-1

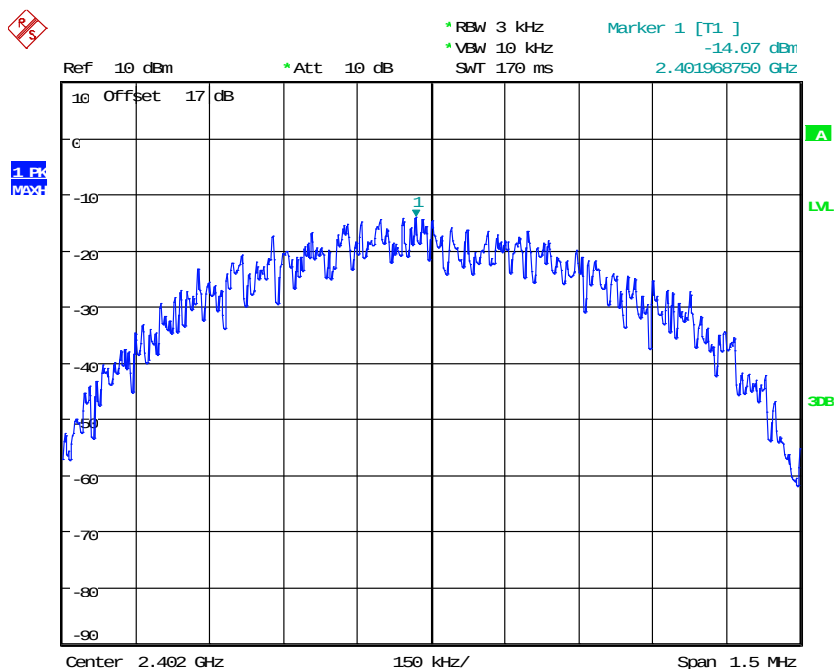
FCC ID: IR5RW14



POWER DENSITY 802.11N 40MHZ CH7

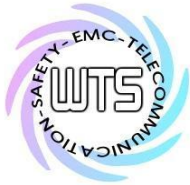
Date: 26.NOV.2019 19:55:22

Mode K



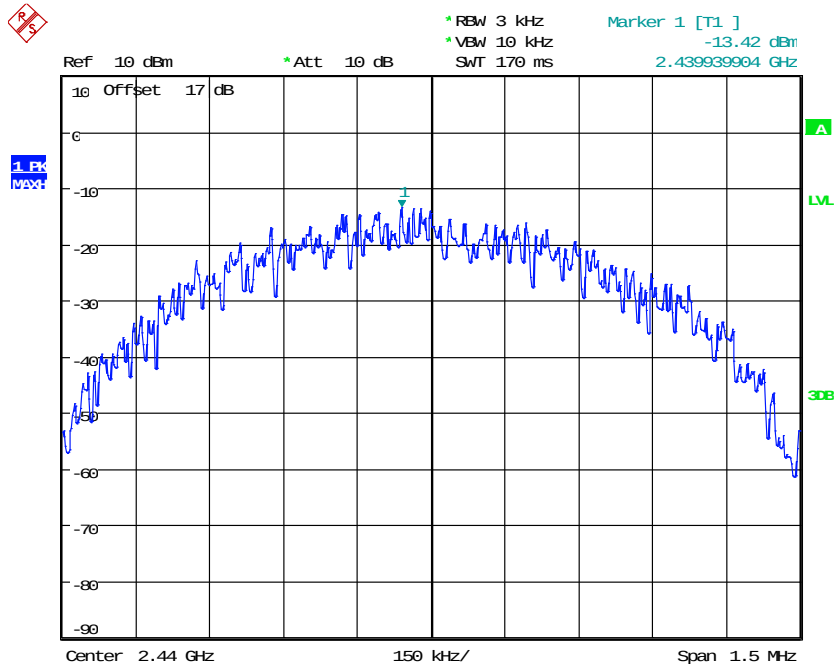
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Date: 26.NOV.2019 17:36:52

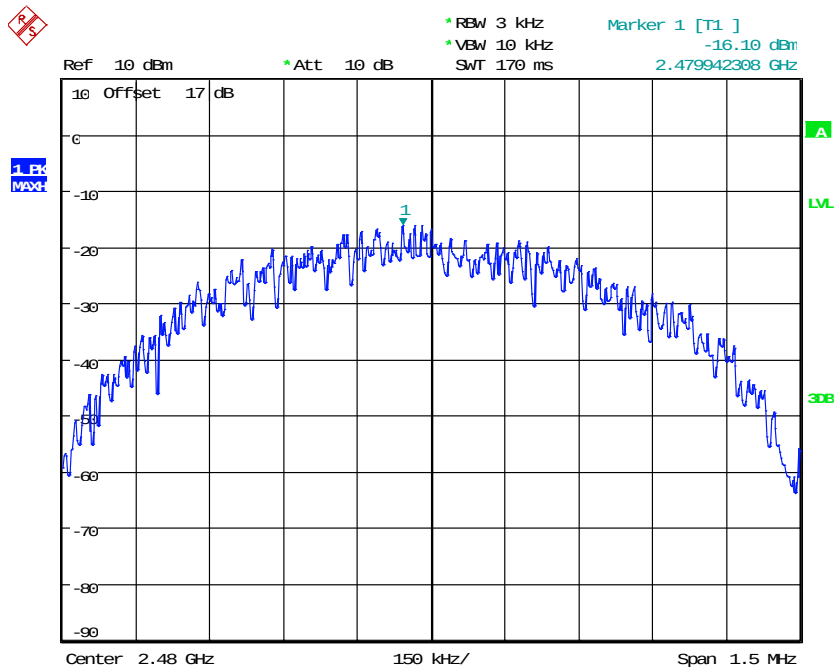


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



POWER DENSITY BT4.0 CH19
Date: 26.NOV.2019 17:37:37



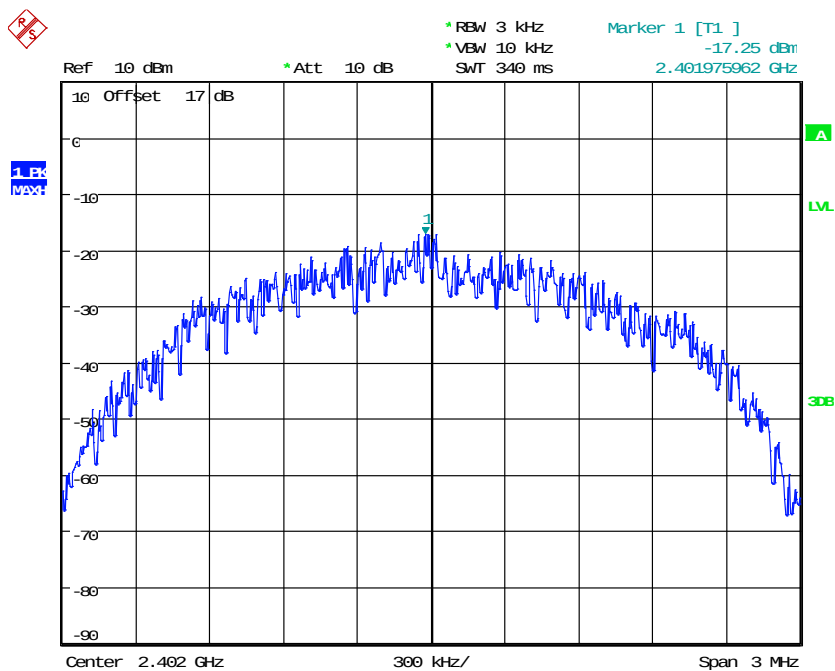
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Date: 26.NOV.2019 17:38:12



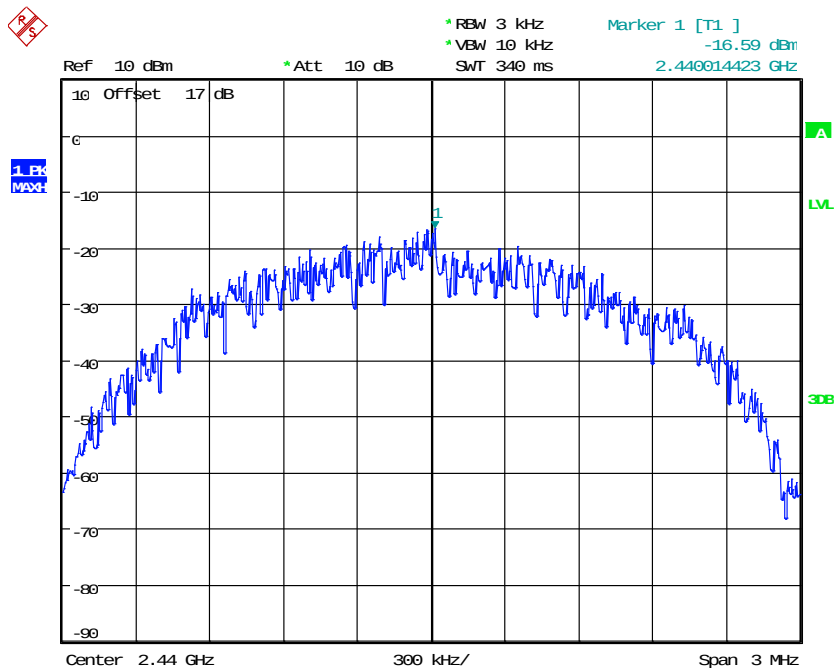
Registration number: W6M21911-19475-C-1

FCC ID: IR5RW14

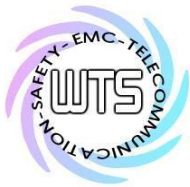
Mode L



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Date: 26.NOV.2019 17:53:36

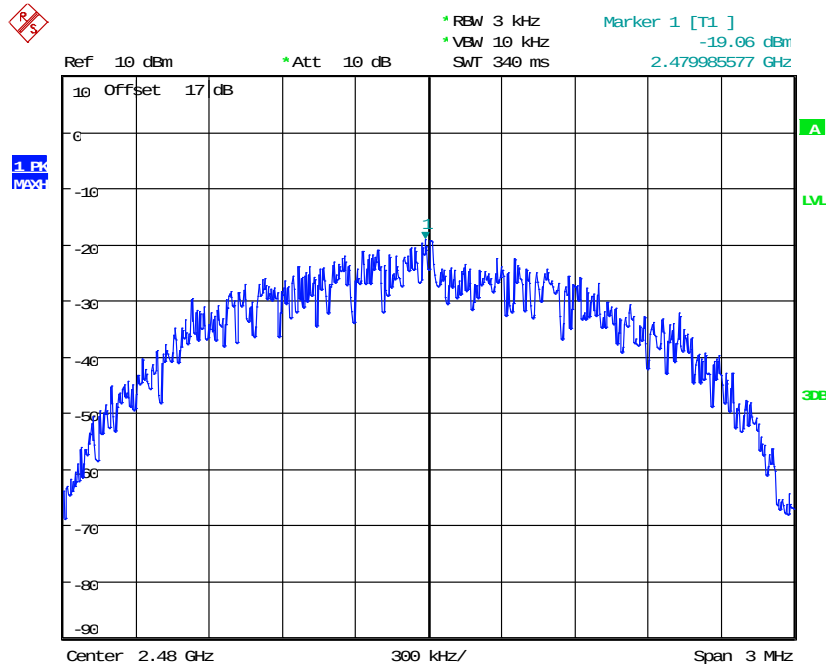


POWER DENSITY BT5.0 CH19
Date: 26.NOV.2019 17:53:58



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



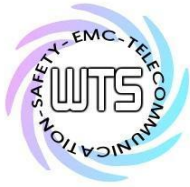
POWER DENSITY BT5.0 CH39
Date: 26.NOV.2019 17:54:21

Antenna 1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.009	0.008	0.008	-20.65	-21.04	-21.06
802.11n 40MHz	0.007	0.010	0.007	-21.36	-19.88	-21.35
Antenna 2	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.008	0.007	0.006	-20.80	-21.33	-21.97
802.11n 40MHz	0.006	0.008	0.006	-22.08	-21.17	-22.17
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.017	0.015	0.014	-17.70	-18.24	-18.54
802.11n 40MHz	0.013	0.018	0.013	-18.86	-17.45	-18.86

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: W6M21911-19475-C-1

FCC ID: IR5RW14

3.12 Radiated Emission from Receiver Part

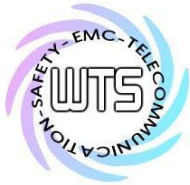
FCC Rule: 15.109

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

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

Test equipment used: ETSTW-RE 030, ETSTW-RE 055, ETSTW-RE 064, ETSTW-RE 111

Explanation: Please refer to separated test report no.: W6M21911-19475-P-15B.

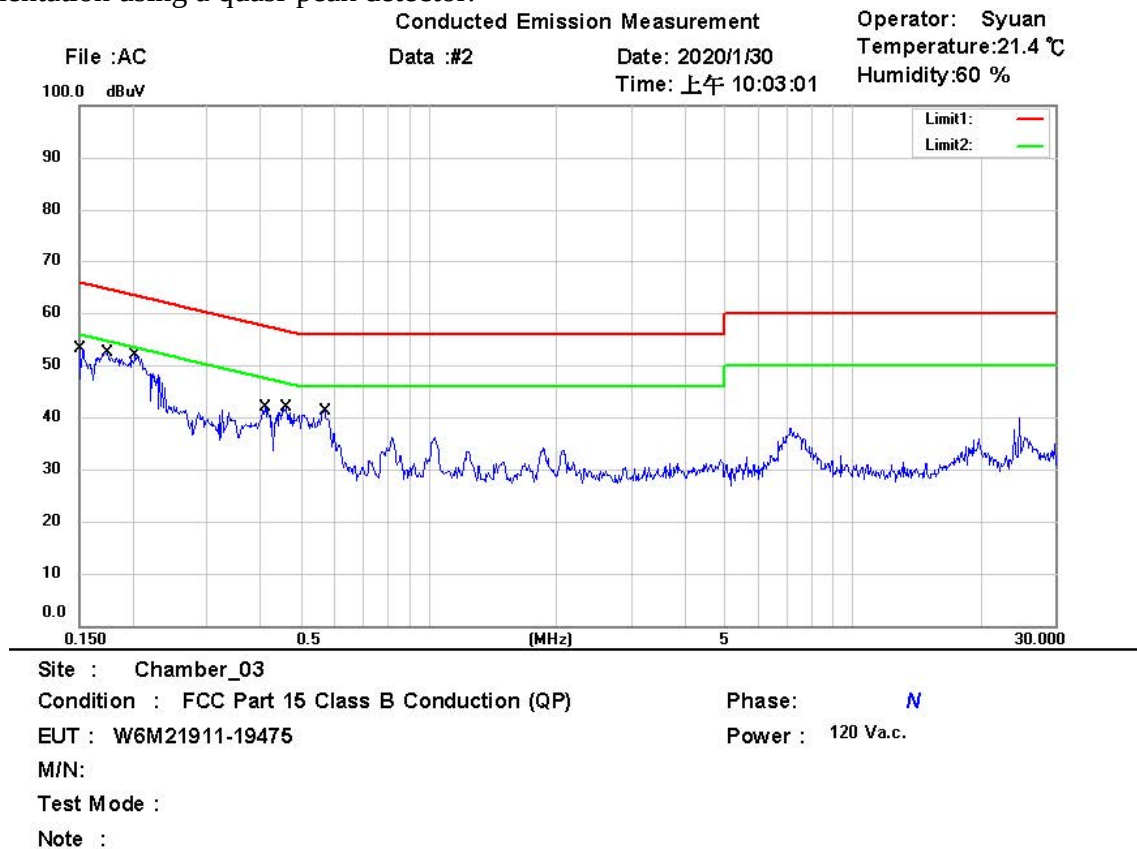


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14

3.13 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.

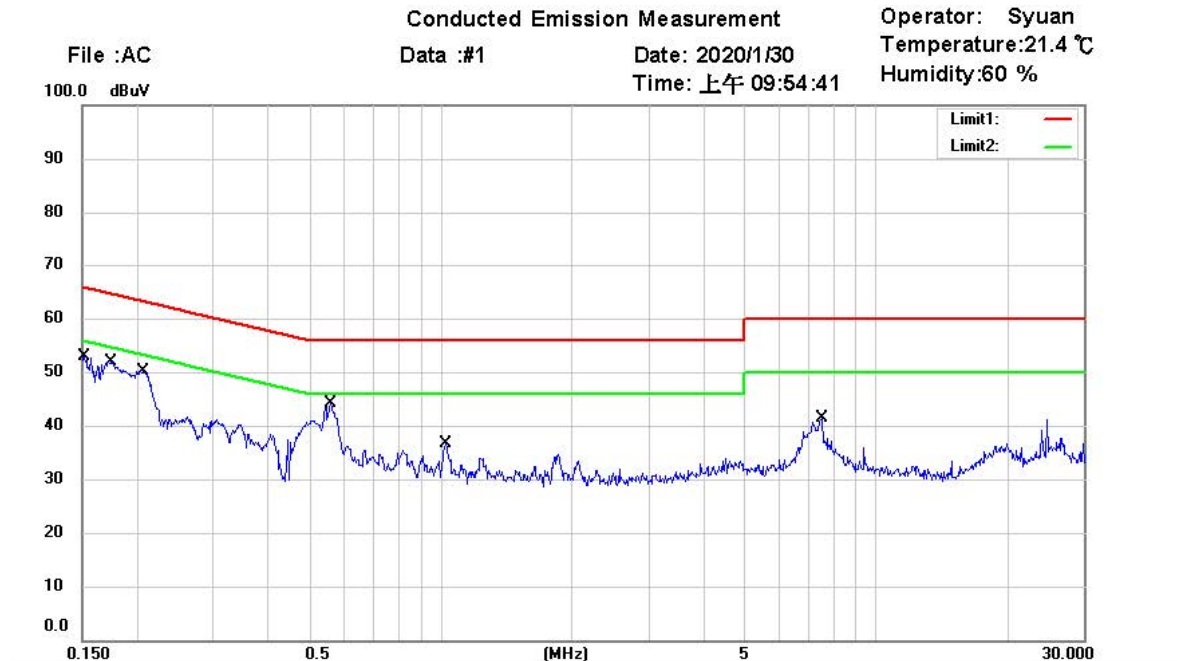


Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1502	32.73	QP	9.75	42.48	65.99	-23.51	
	0.1502	20.66	AVG	9.75	30.41	55.99	-25.58	
	0.1742	37.96	QP	9.74	47.70	64.76	-17.06	
	0.1742	16.43	AVG	9.74	26.17	54.76	-28.59	
*	0.2023	38.50	QP	9.73	48.23	63.52	-15.29	
	0.2023	21.94	AVG	9.73	31.67	53.52	-21.85	
	0.4110	27.96	QP	9.69	37.65	57.63	-19.98	
	0.4110	20.52	AVG	9.69	30.21	47.63	-17.42	
	0.4618	21.96	QP	9.68	31.64	56.66	-25.02	
	0.4618	11.87	AVG	9.68	21.55	46.66	-25.11	
	0.5675	25.36	QP	9.67	35.03	56.00	-20.97	
	0.5675	16.10	AVG	9.67	25.77	46.00	-20.23	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14



Site : Chamber_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6M21911-19475

Power : 120 V.a.c.

M/N:

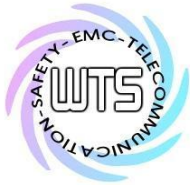
Test Mode :

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1508	33.18	QP	9.77	42.95	65.96	-23.01	
	0.1508	17.77	AVG	9.77	27.54	55.96	-28.42	
	0.1735	37.74	QP	9.76	47.50	64.79	-17.29	
	0.1735	15.34	AVG	9.76	25.10	54.79	-29.69	
	0.2065	38.38	QP	9.75	48.13	63.34	-15.21	
*	0.2065	28.56	AVG	9.75	38.31	53.34	-15.03	
	0.5585	28.18	QP	9.69	37.87	56.00	-18.13	
	0.5585	19.10	AVG	9.69	28.79	46.00	-17.21	
	1.0265	20.53	QP	9.65	30.18	56.00	-25.82	
	1.0265	15.23	AVG	9.65	24.88	46.00	-21.12	
	7.5000	19.20	QP	10.58	29.78	60.00	-30.22	
	7.5000	11.92	AVG	10.58	22.50	50.00	-27.50	

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.

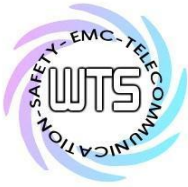


Registration number: W6M21911-19475-C-1
FCC ID: IR5RW14

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: W6M21911-19475-C-1
FCC ID: IR5RW14

Appendix

Measurement diagrams

Spurious Emissions radiated



Radiated Emission Measurement

Operator: Allen

File :1_WiFi 2

Data :#1

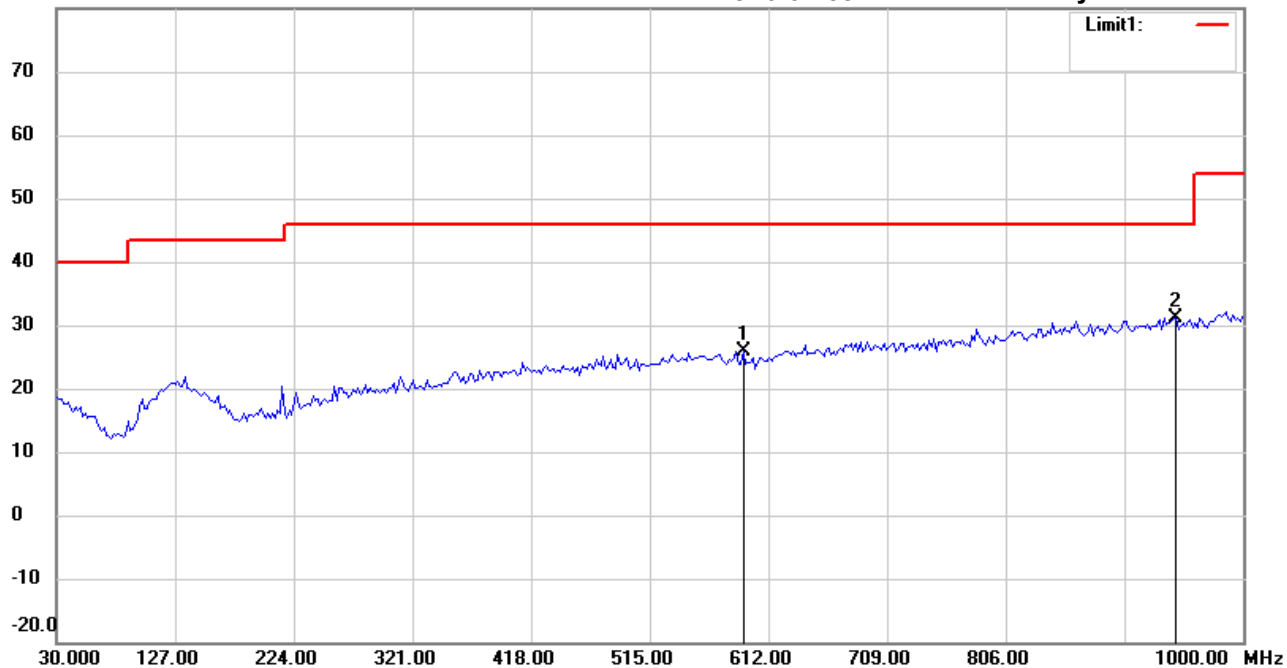
Date: 11/19/2019

Temperature:18.9 °C

80.0 dBuV/m

Time: 6:31:58 AM

Humidity:72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21911-19475

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
	591.7834	28.10	peak	-2.23	25.87	46.00	100	330	-20.13	
*	945.5711	26.99	peak	4.13	31.12	46.00	100	145	-14.88	



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

Radiated Emission Measurement

Operator: Allen

File : 1_WiFi 2

Data : #2

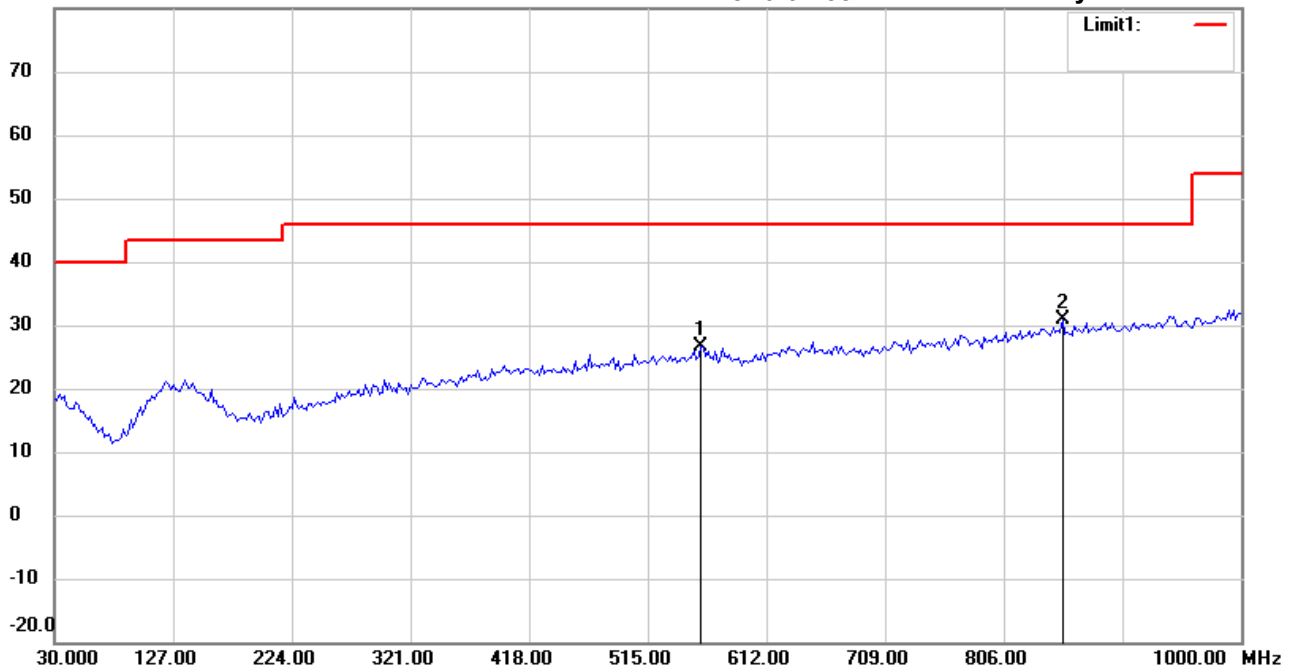
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:32:58 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21911-19475

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
	558.7375	28.88	peak	-2.13	26.75	46.00	100	75	-19.25	
*	854.2084	28.22	peak	2.69	30.91	46.00	100	180	-15.09	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

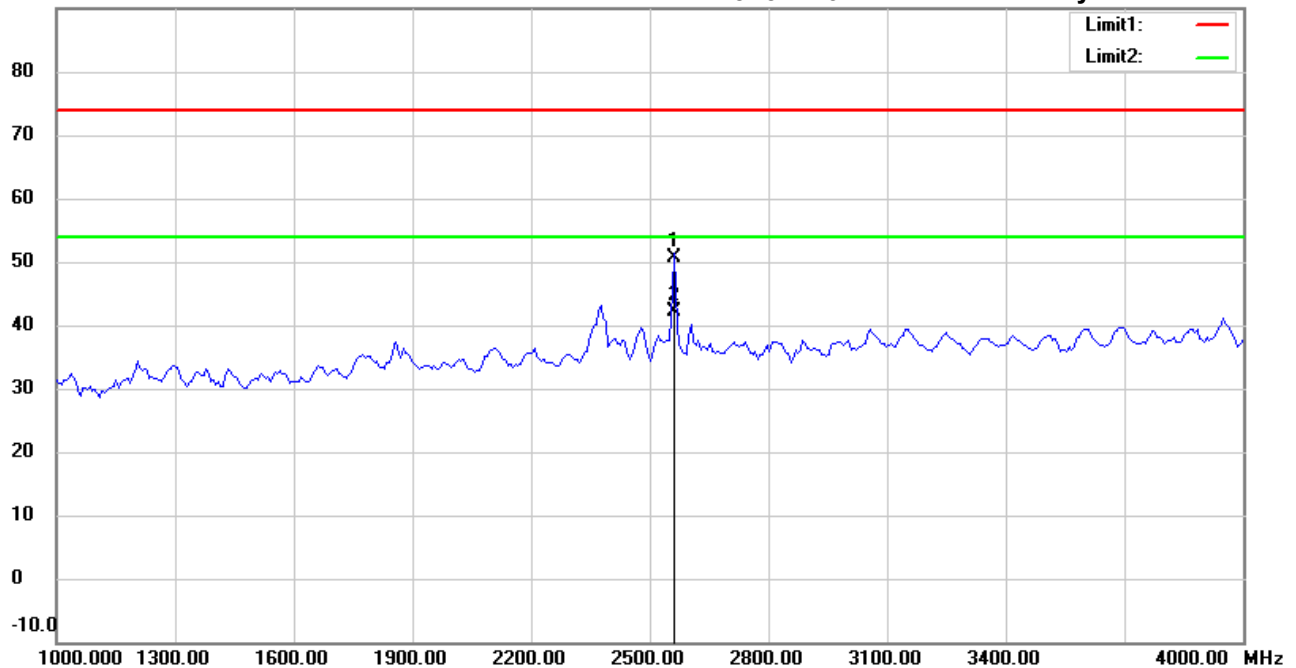
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 8:44:37 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2560.047	55.61	peak	-4.98	50.63	74.00	150	284	-23.37	
*	2560.047	46.99	AVG	-4.98	42.01	54.00	150	284	-11.99	

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

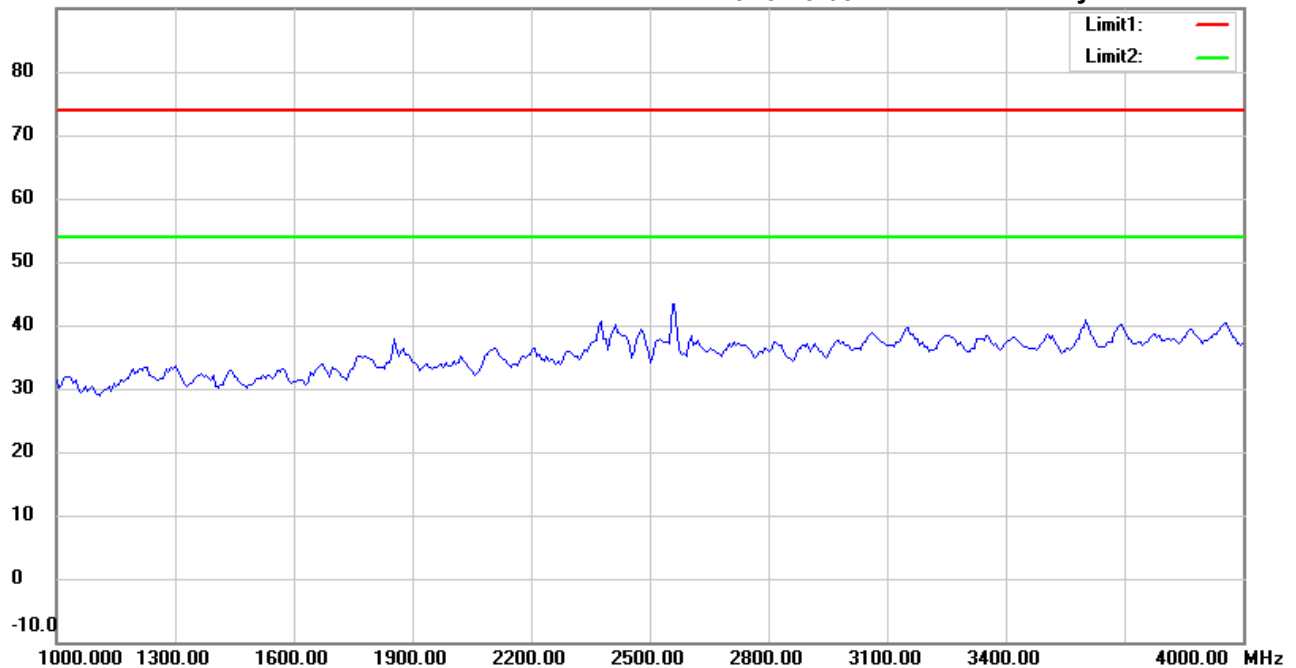
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 8:48:08 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
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Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

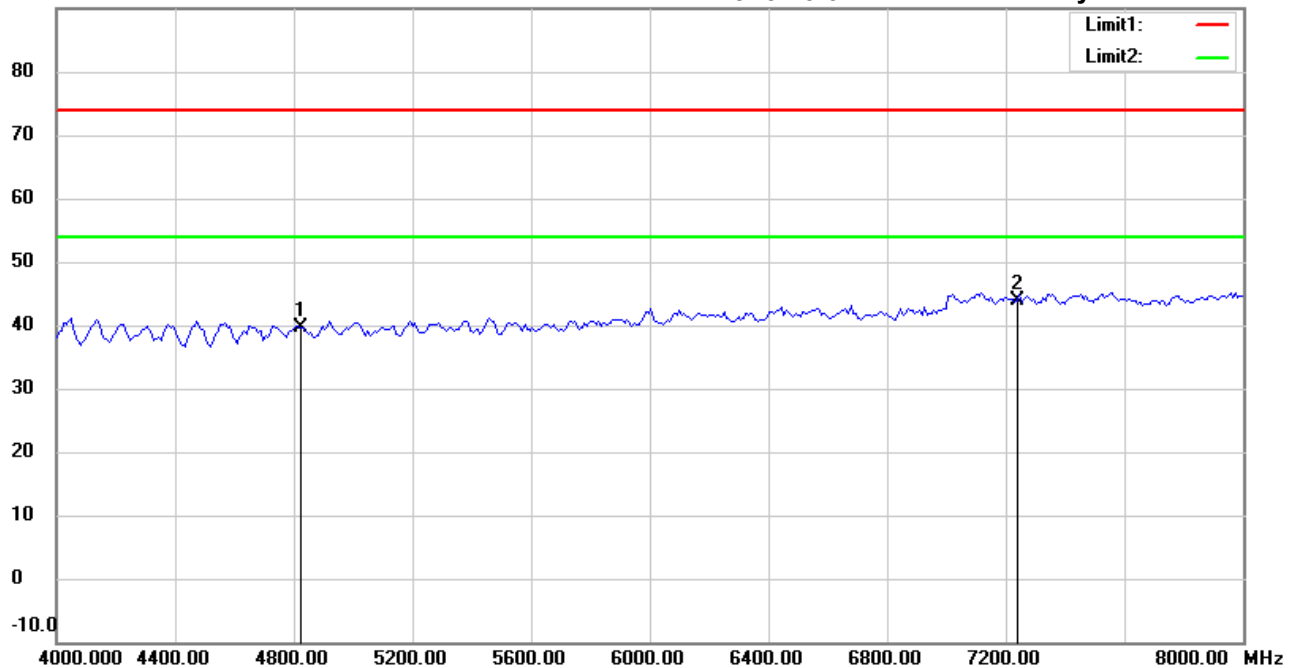
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 8:45:37 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	41.58	peak	-1.88	39.70	74.00	150	275	-34.30	
*	7236.000	40.56	peak	3.28	43.84	74.00	150	240	-30.16	

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



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Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

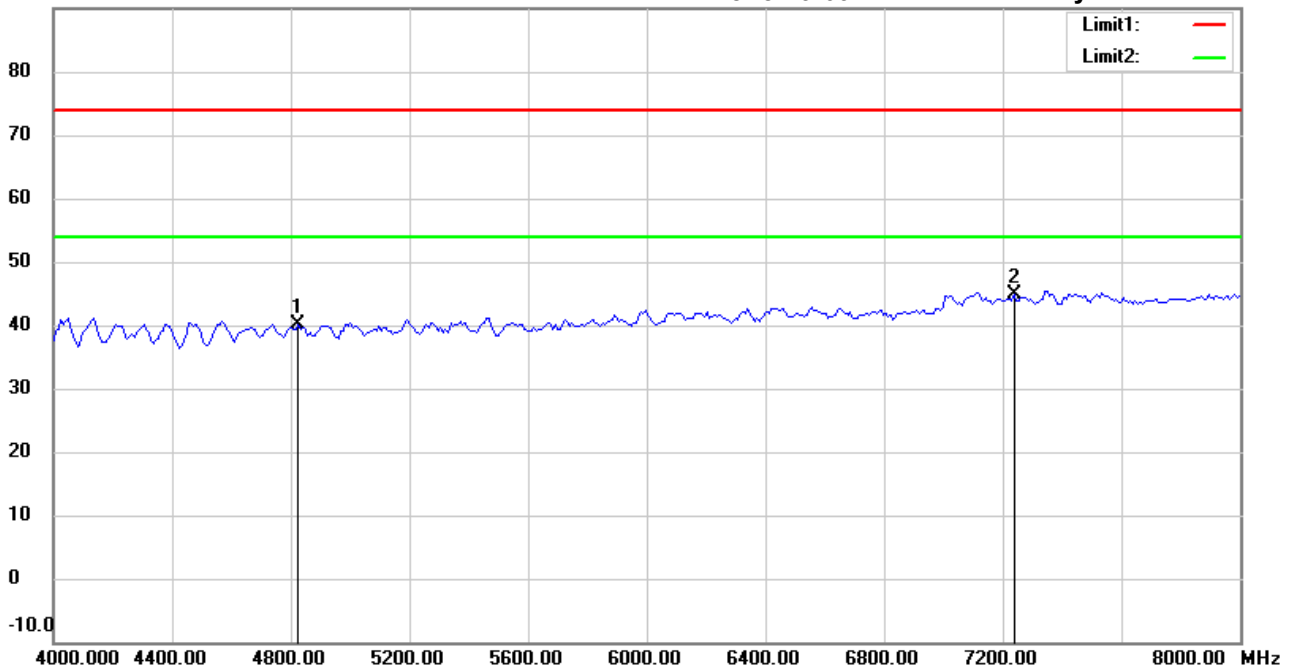
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 8:49:09 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	42.07	peak	-1.88	40.19	74.00	150	245	-33.81	
*	7236.000	41.67	peak	3.28	44.95	74.00	150	170	-29.05	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

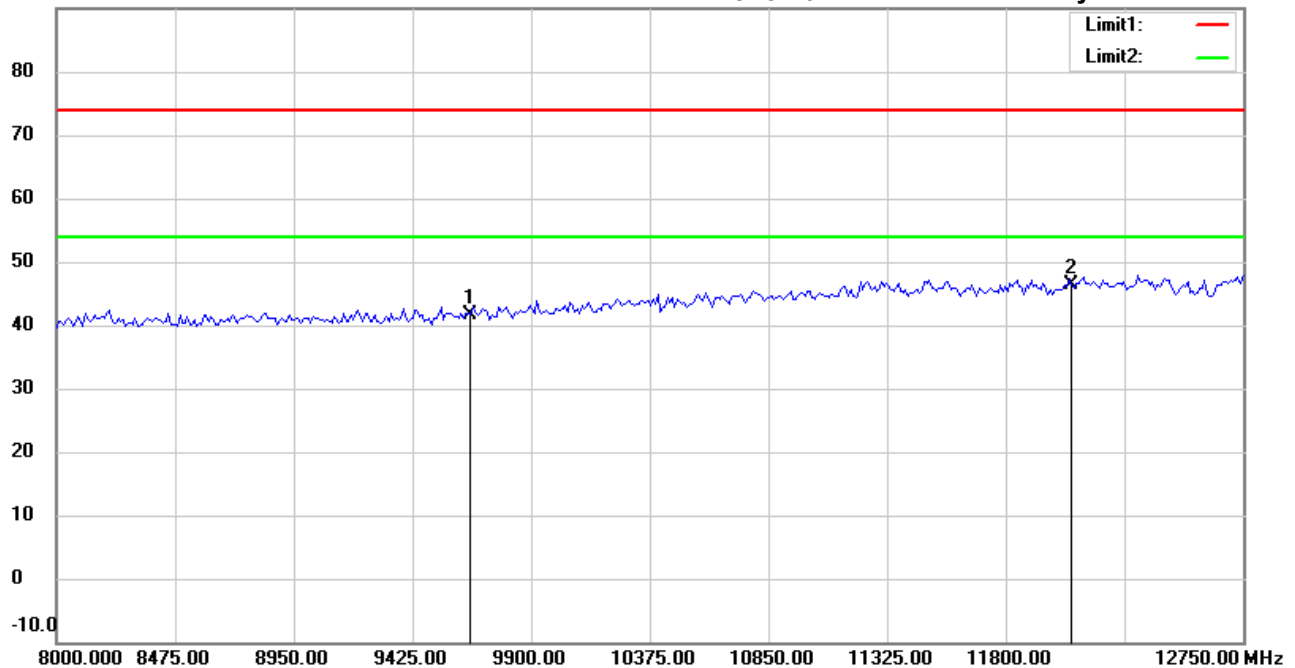
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 8:46:44 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	35.06	peak	6.60	41.66	74.00	150	196	-32.34	
*	12060.000	34.16	peak	12.21	46.37	74.00	150	230	-27.63	

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



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

Operator: Leon

File :3

Data :#8

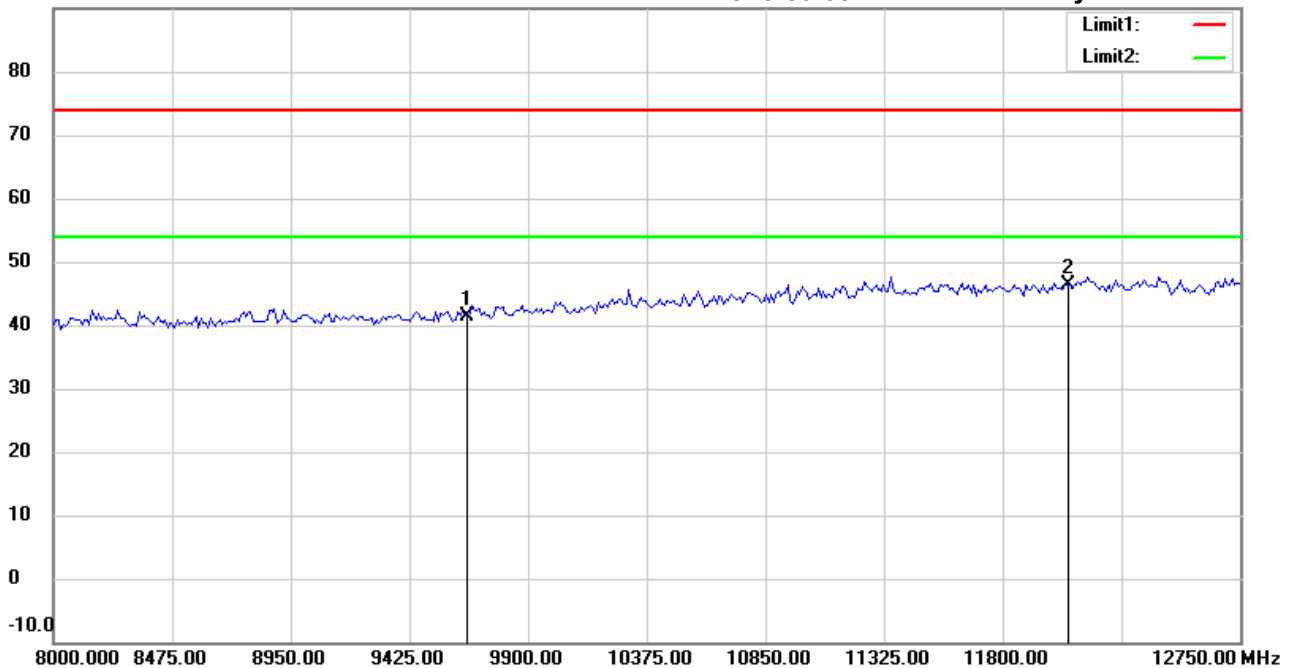
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 8:50:08 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9648.000	34.75	peak	6.60	41.35	74.00	150	96	-32.65	
*	12060.000	34.12	peak	12.21	46.33	74.00	150	250	-27.67	

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



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

Operator: Leon

File : 3

Data : #4

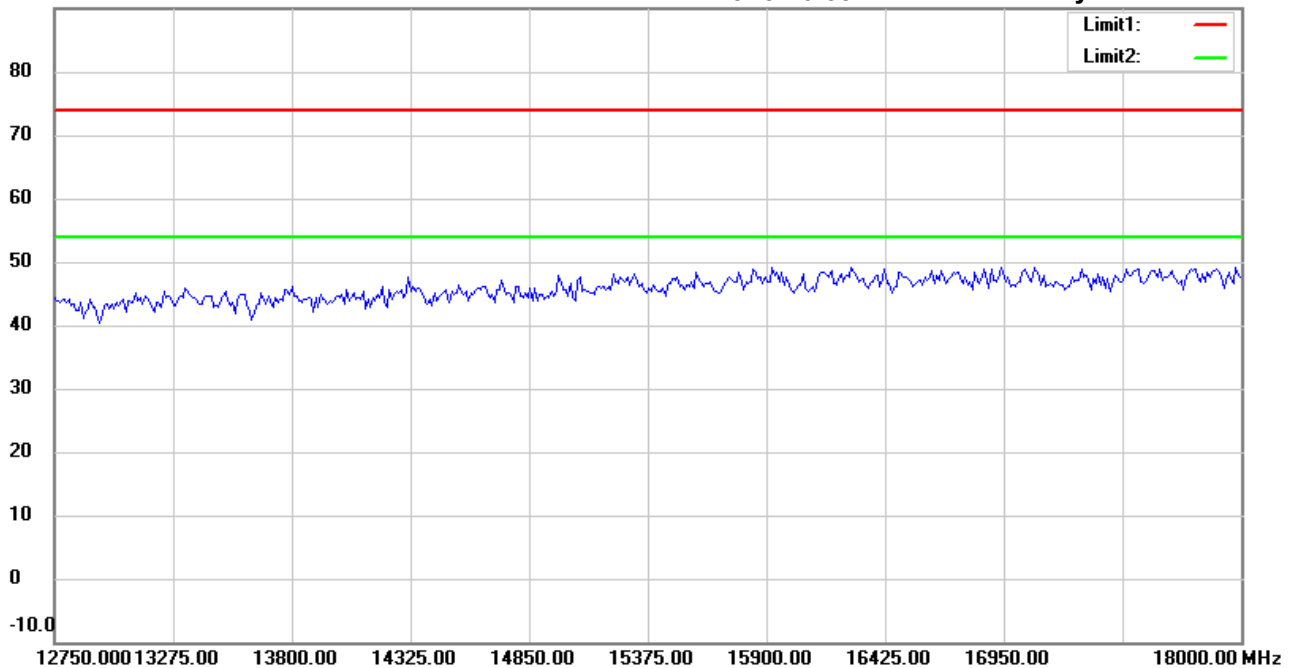
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 8:46:58 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Operator: Leon

File : 3

Data : #9

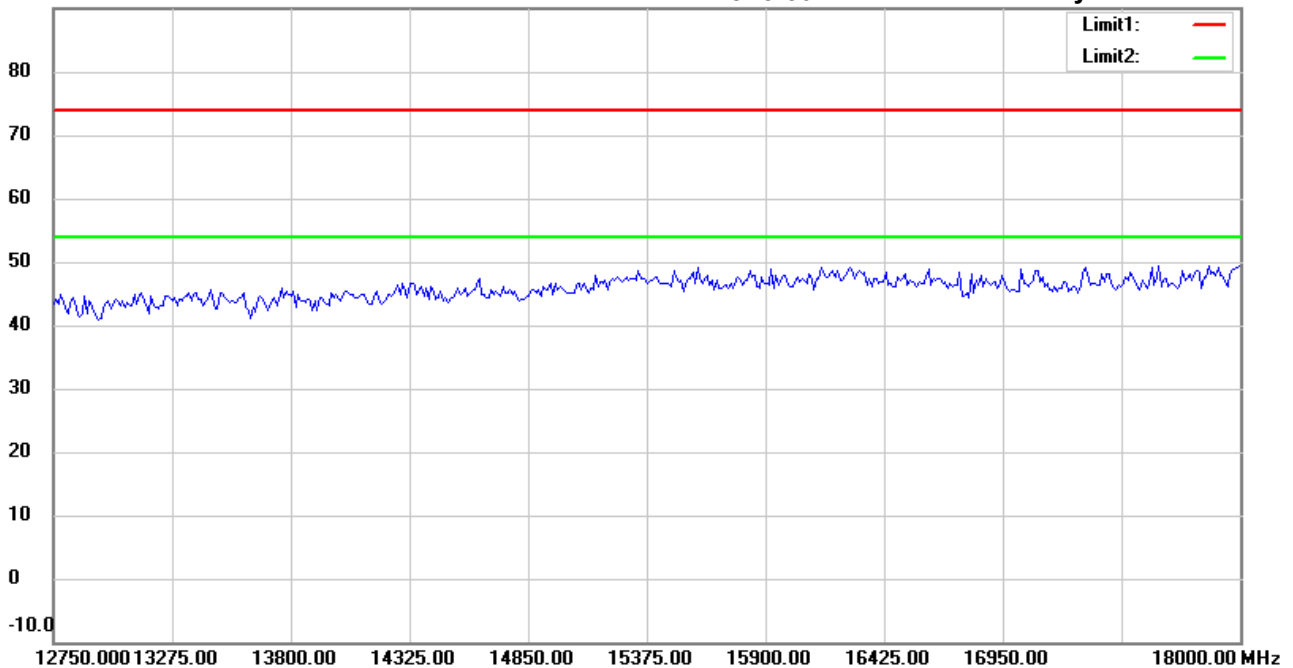
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 8:50:22 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Leon

File : 3

Data : #5

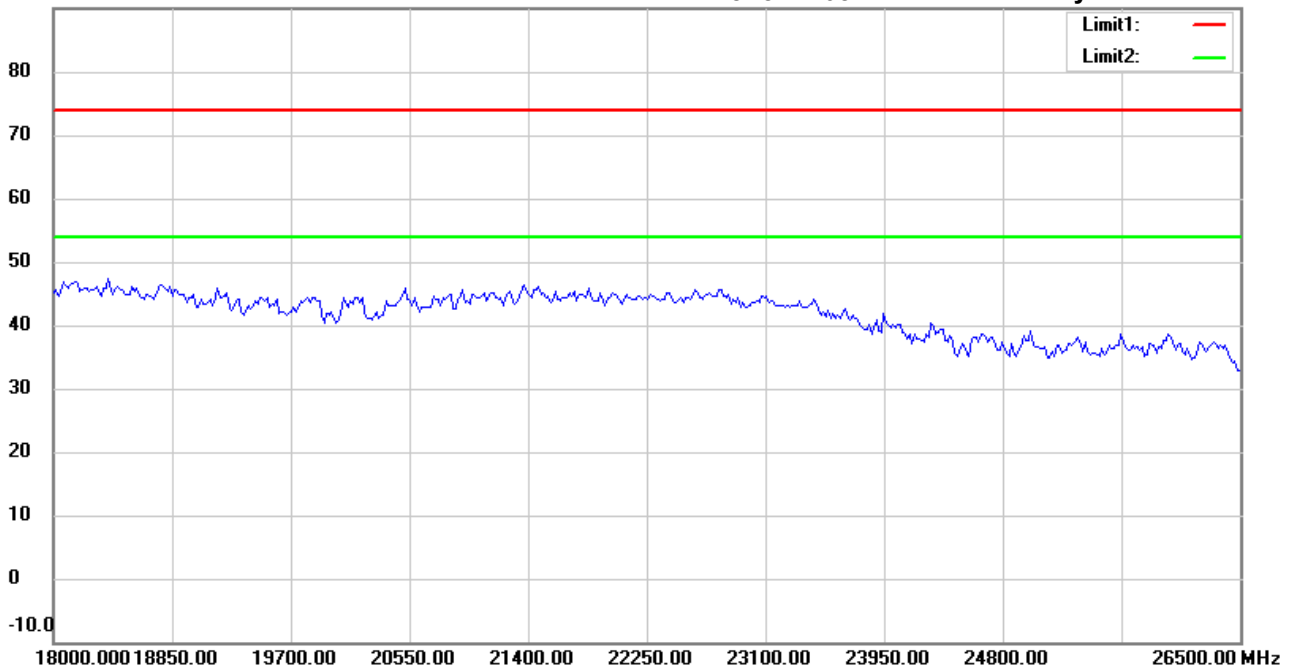
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 8:47:08 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Operator: Leon

File : 3

Data : #10

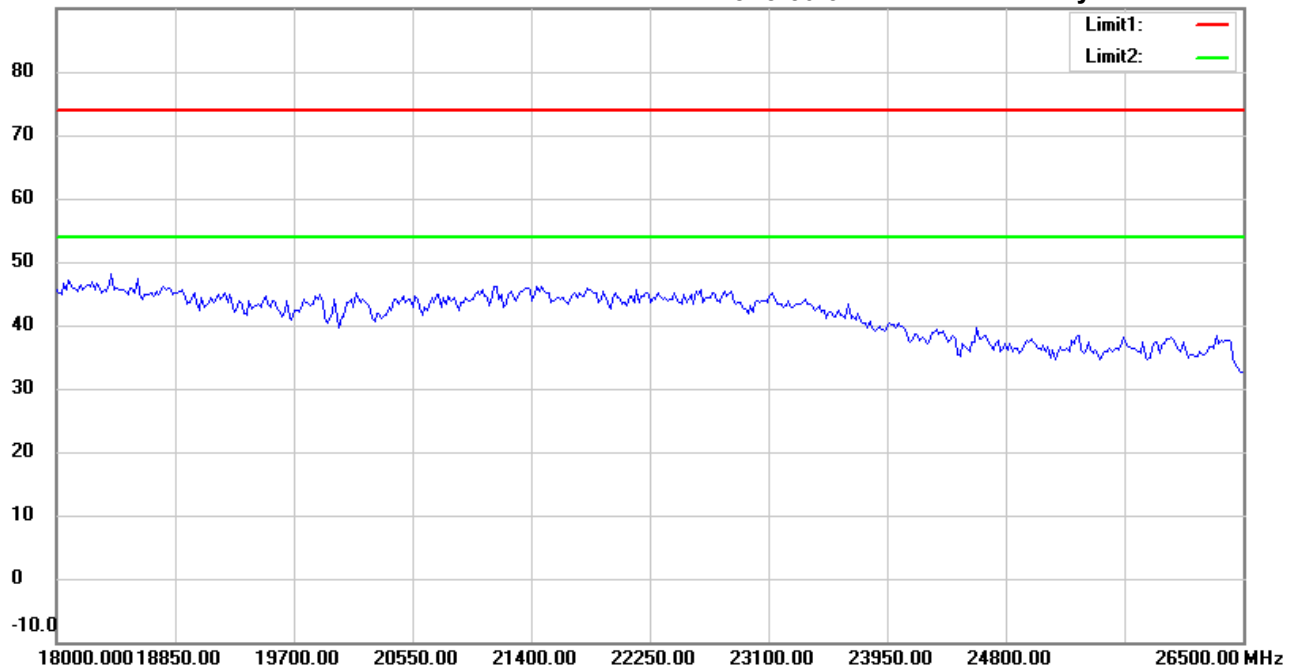
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 8:50:32 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

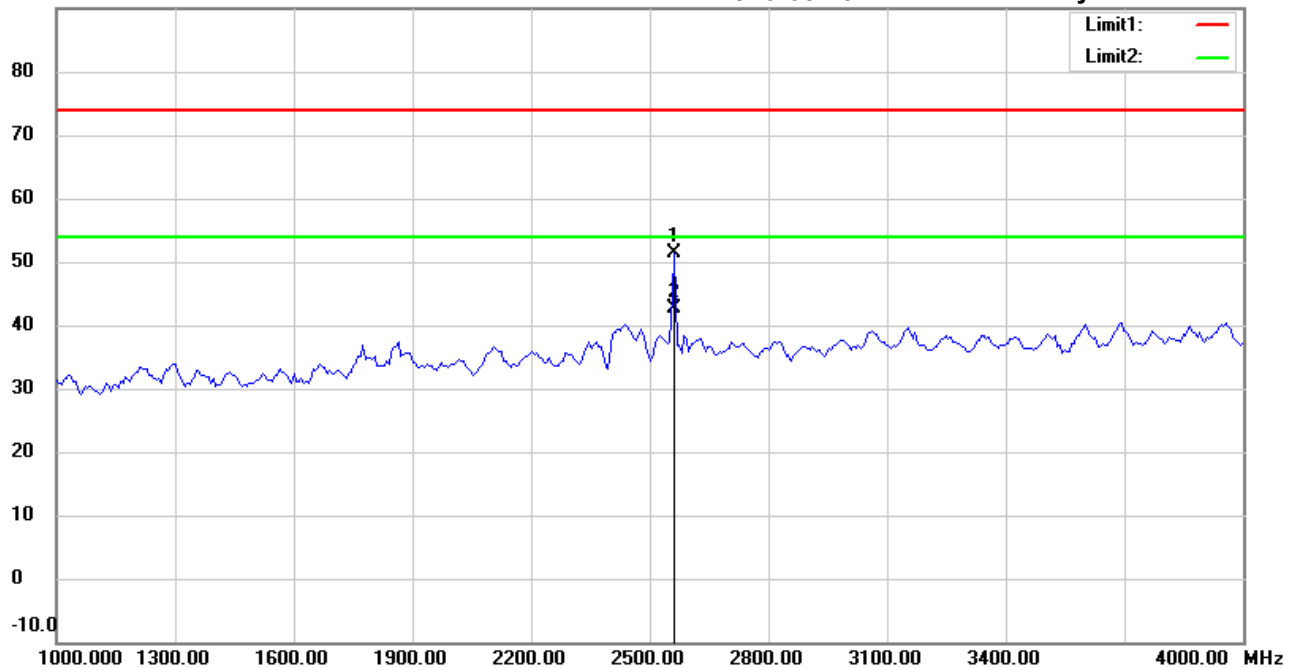
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:05:13 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2563.126	56.43	peak	-5.00	51.43	74.00	150	95	-22.57	
*	2563.126	47.63	AVG	-5.00	42.63	54.00	150	95	-11.37	

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



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

Operator: Leon

File :3

Data :#6

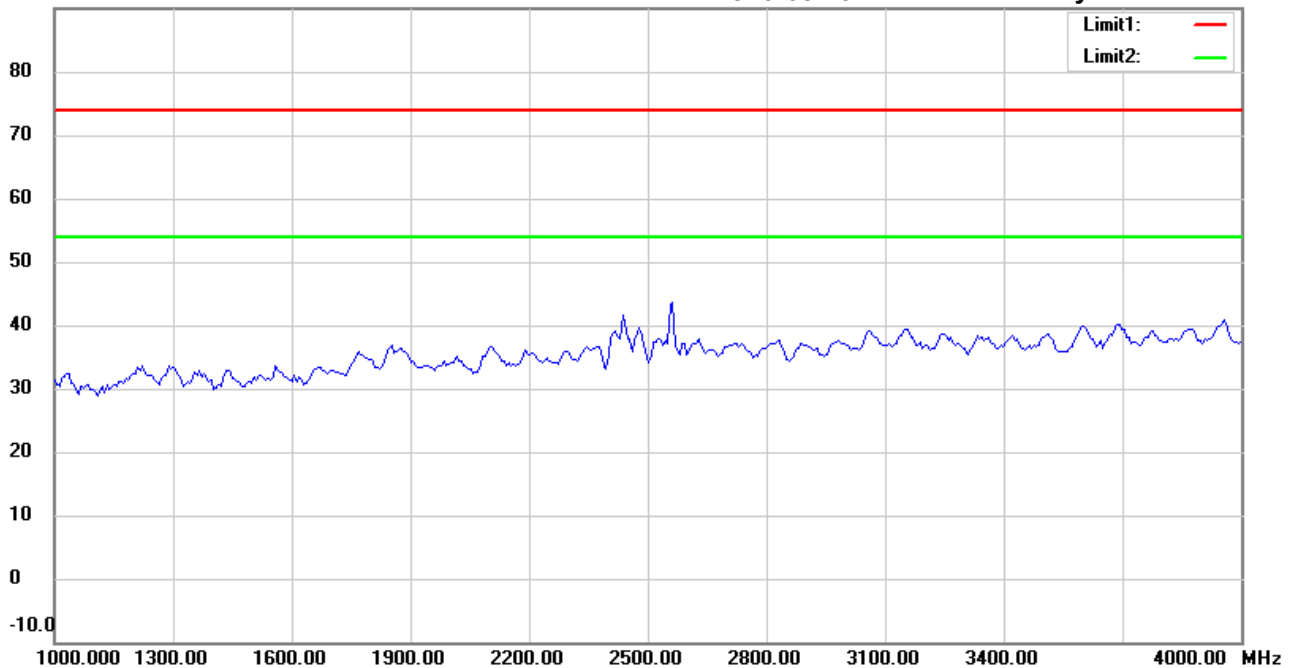
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 9:08:43 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Operator: Leon

File :3

Data :#2

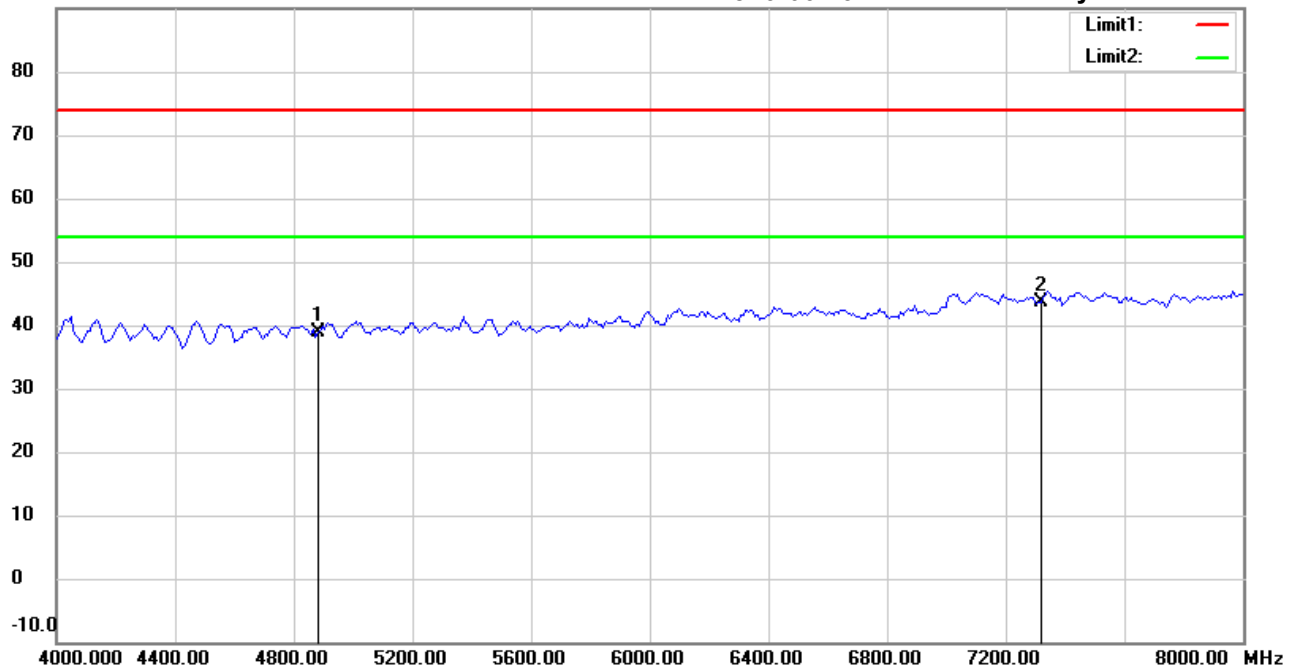
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:06:13 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.50	peak	-1.70	38.80	74.00	150	42	-35.20	
*	7311.000	40.22	peak	3.42	43.64	74.00	150	270	-30.36	

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



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

Operator: Leon

File :3

Data :#7

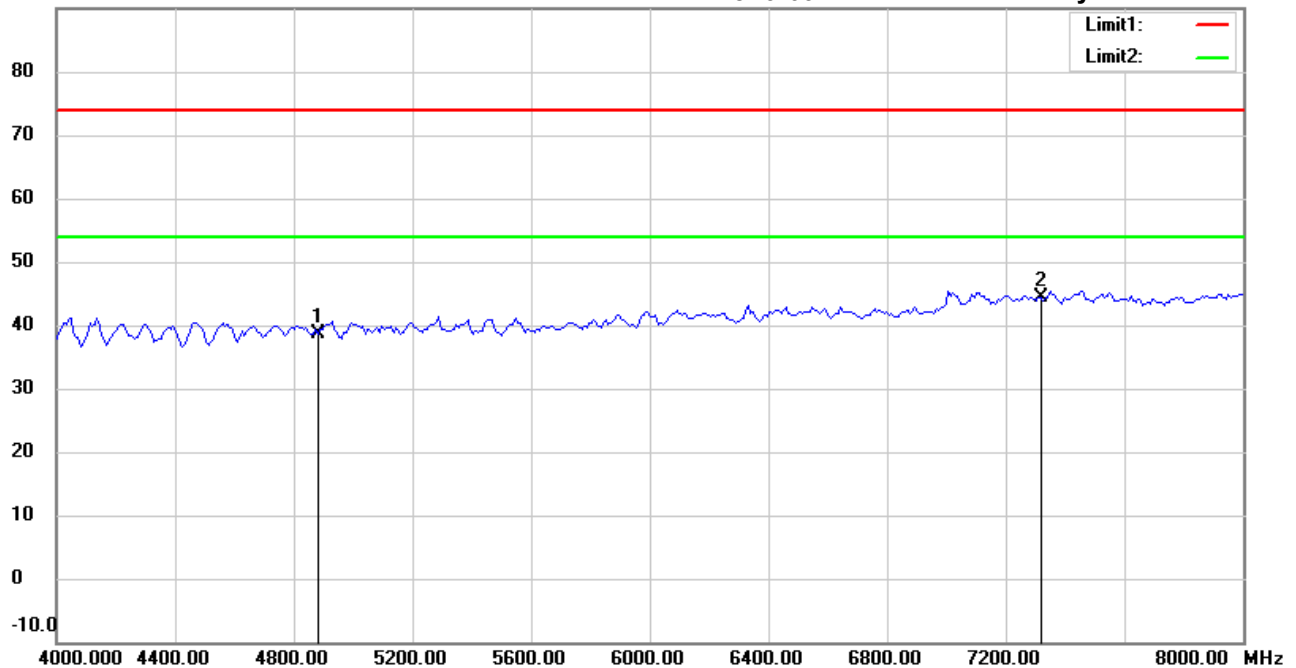
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:09:44 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4874.000	40.29	peak	-1.70	38.59	74.00	150	220	-35.41	
*	7311.000	40.88	peak	3.42	44.30	74.00	150	176	-29.70	

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



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

Operator: Leon

File : 3

Data : #3

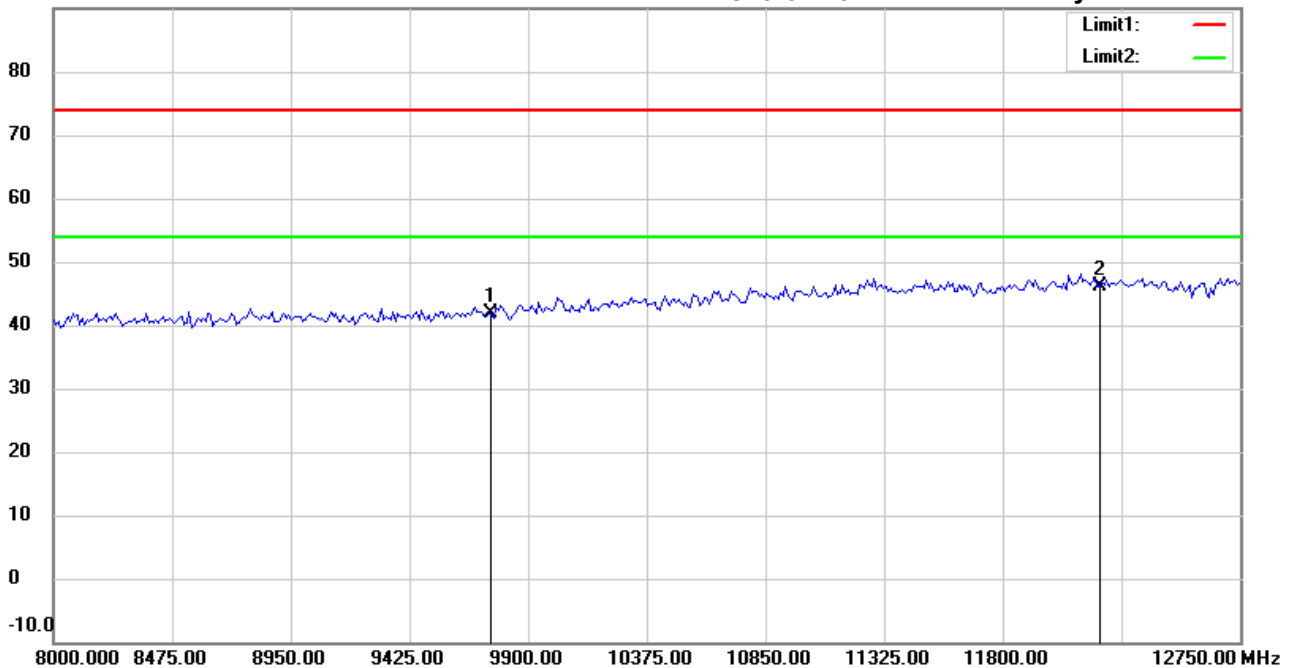
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:07:19 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH6

Polarization: **Horizontal**

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
	9748.000	35.05	peak	6.75	41.80	74.00	150	195	-32.20	
*	12185.000	33.23	peak	12.83	46.06	74.00	150	220	-27.94	

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



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

Operator: Leon

File :3

Data :#8

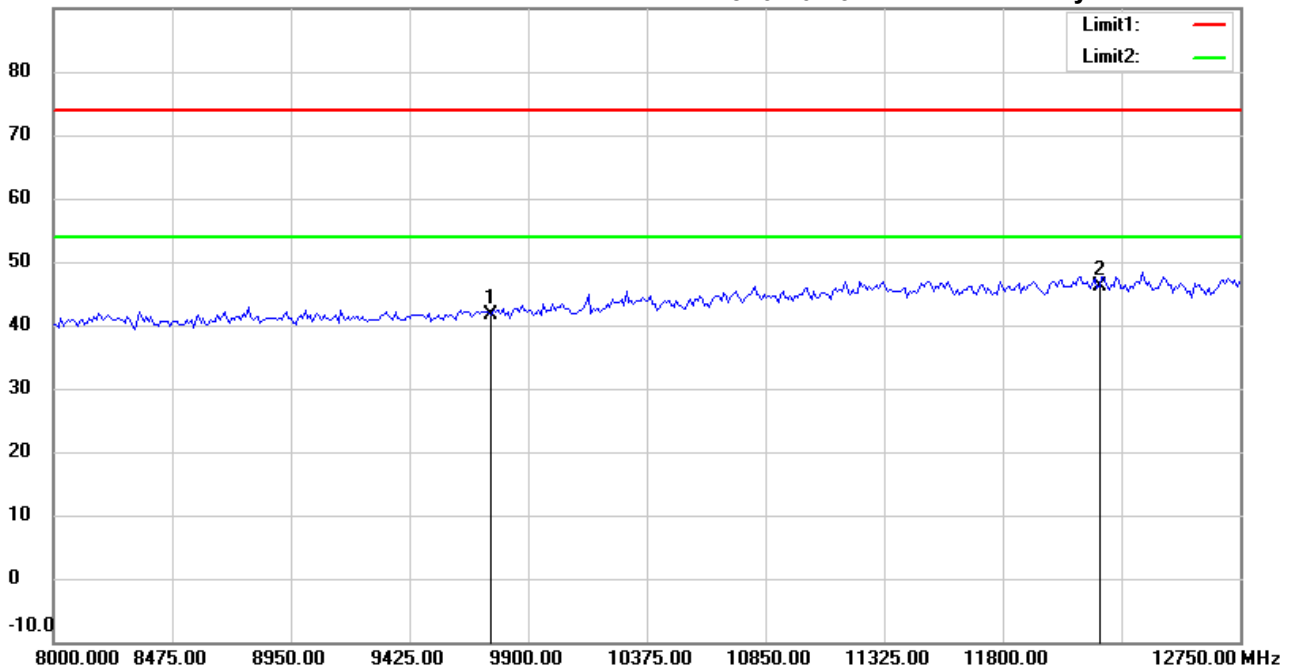
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:10:43 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.77	peak	6.75	41.52	74.00	150	53	-32.48	
*	12185.000	33.42	peak	12.83	46.25	74.00	150	267	-27.75	

*: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: Leon

File : 3

Data : #4

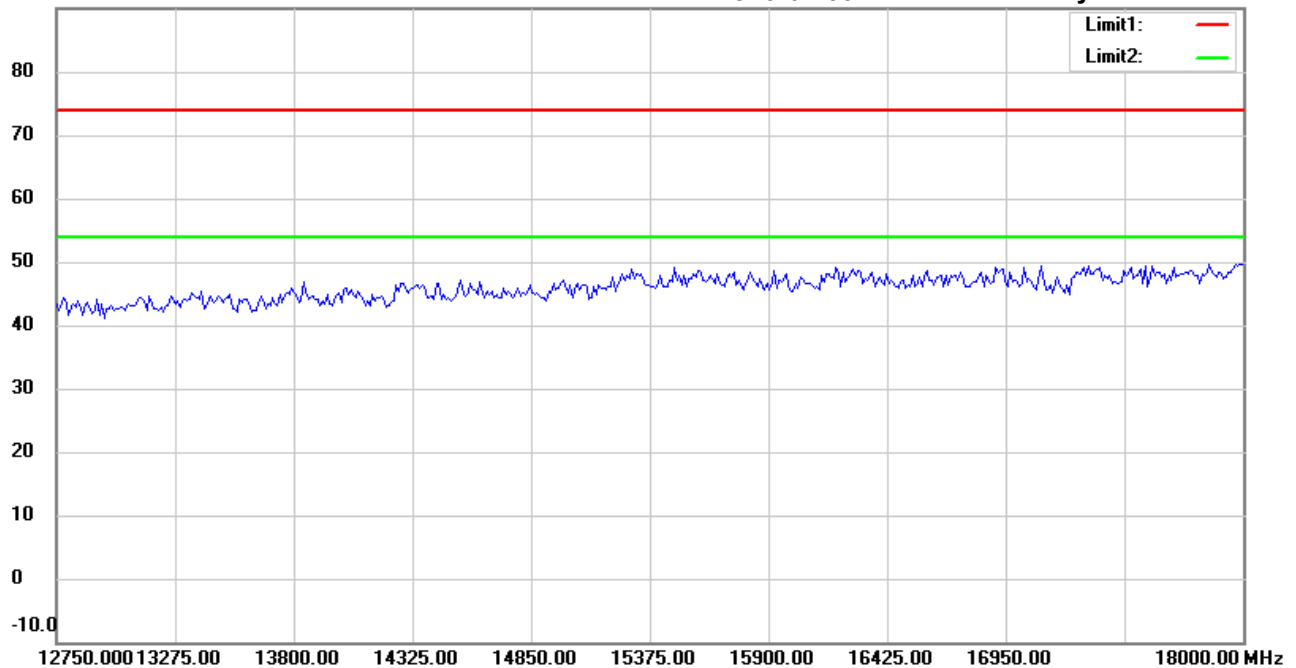
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:07:33 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Leon

File : 3

Data : #9

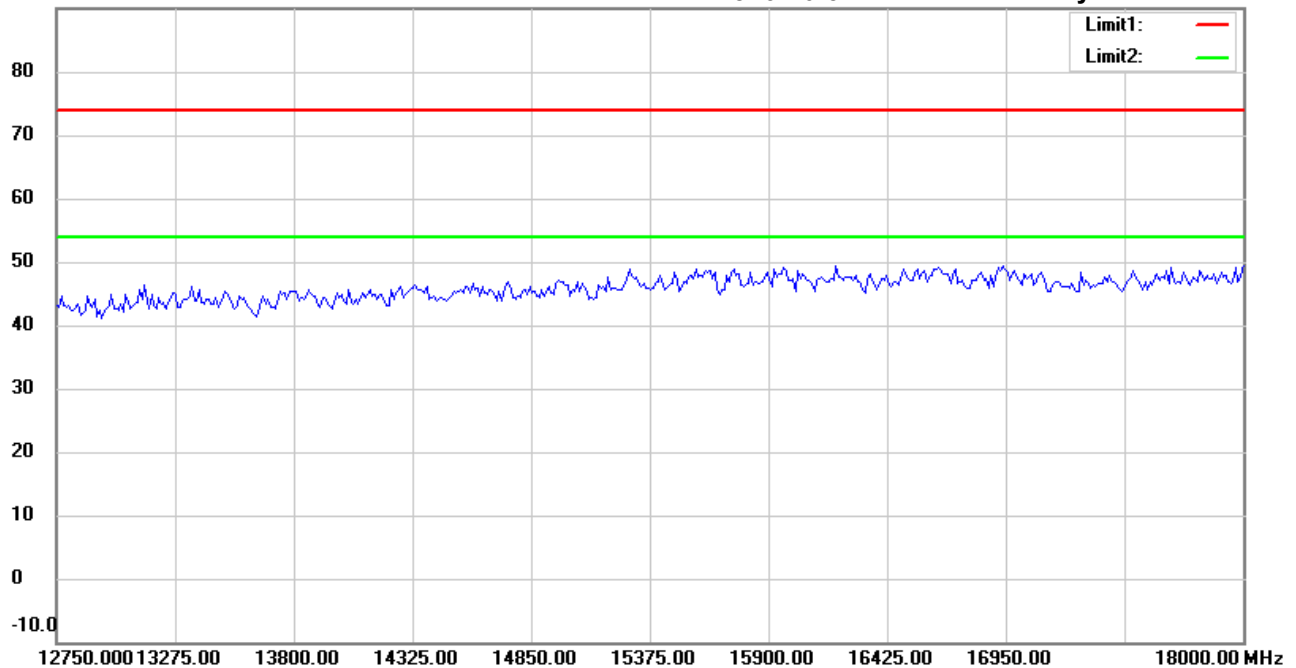
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:10:57 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Operator: Leon

File : 3

Data : #5

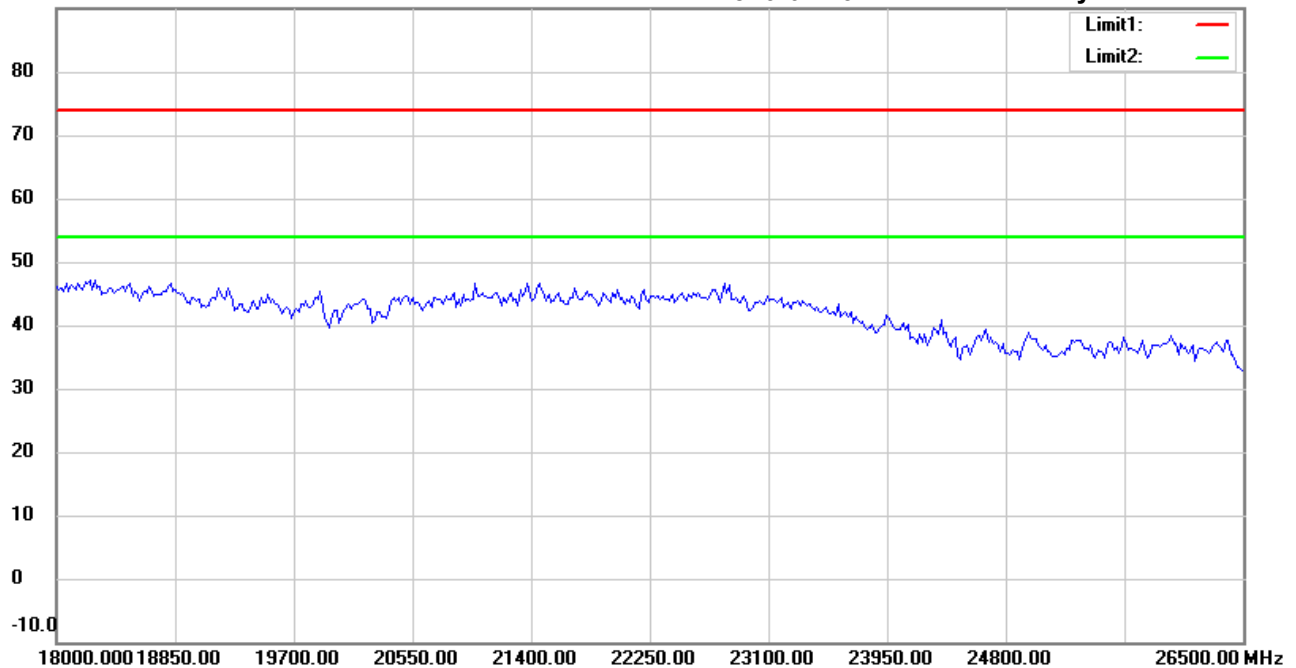
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:07:43 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File :3

Data :#10

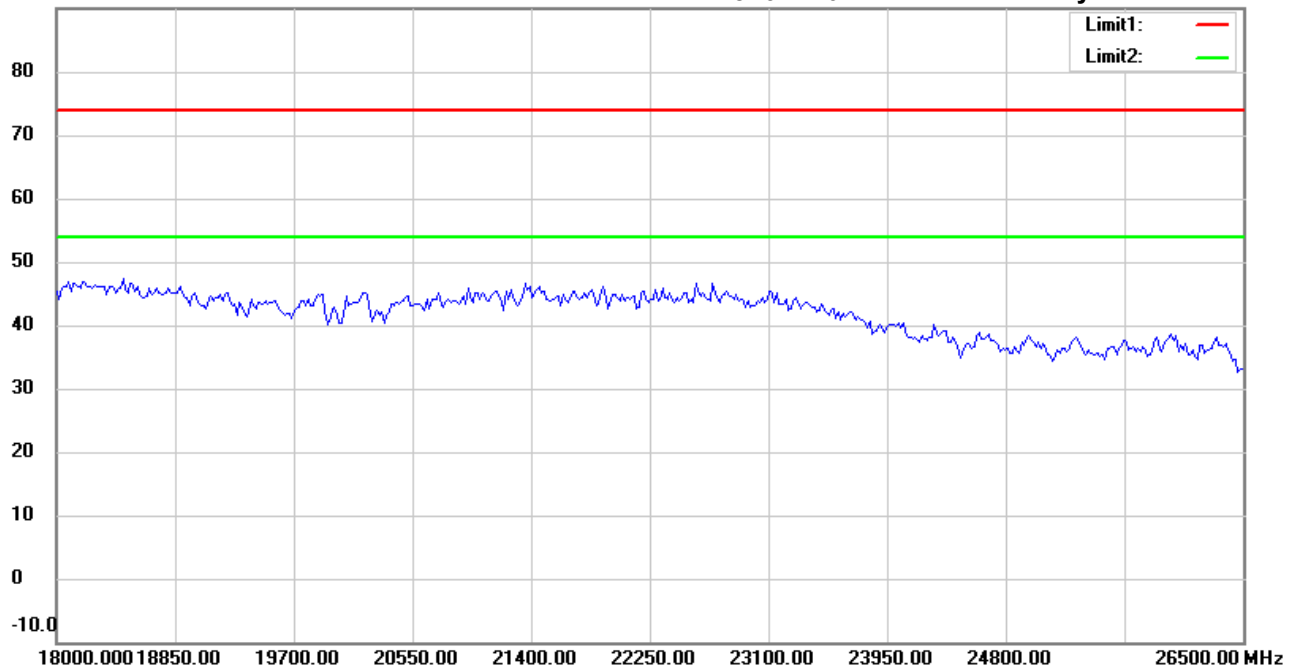
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 9:11:07 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #1

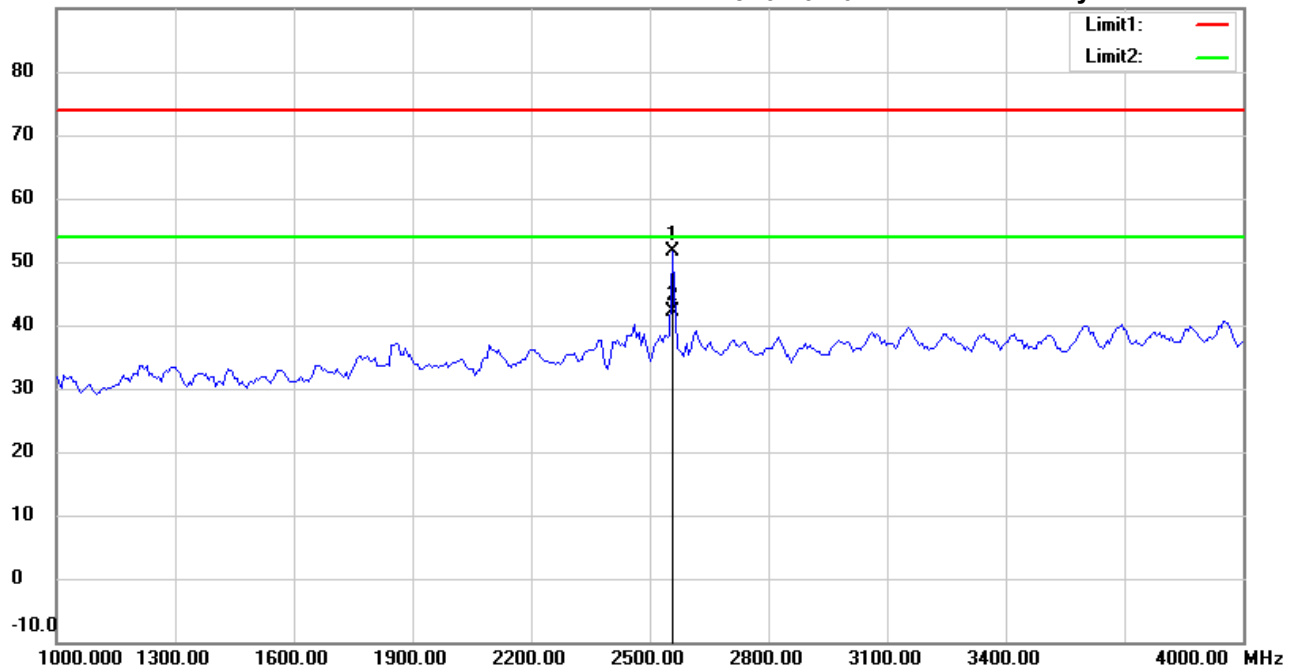
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:19:40 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	56.70	peak	-4.96	51.74	74.00	150	235	-22.26	
*	2557.114	47.16	AVG	-4.96	42.20	54.00	150	235	-11.80	

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



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

Operator: Leon

File :3

Data :#6

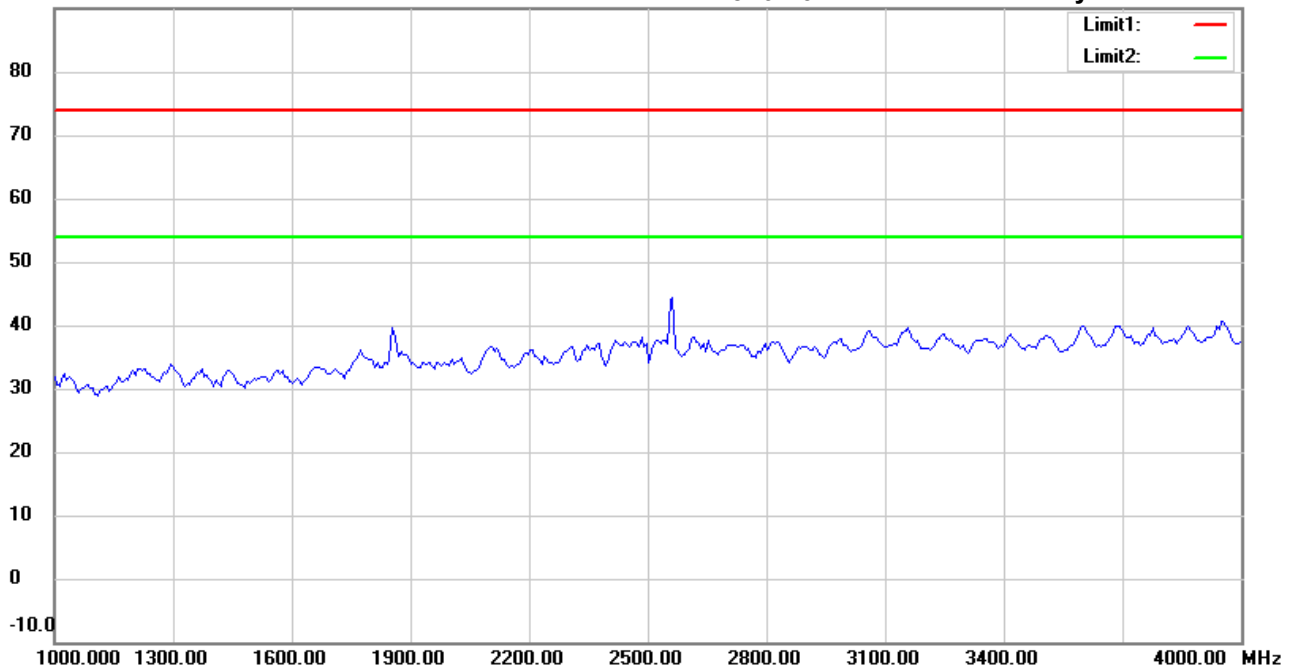
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 9:23:11 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File :3

Data :#2

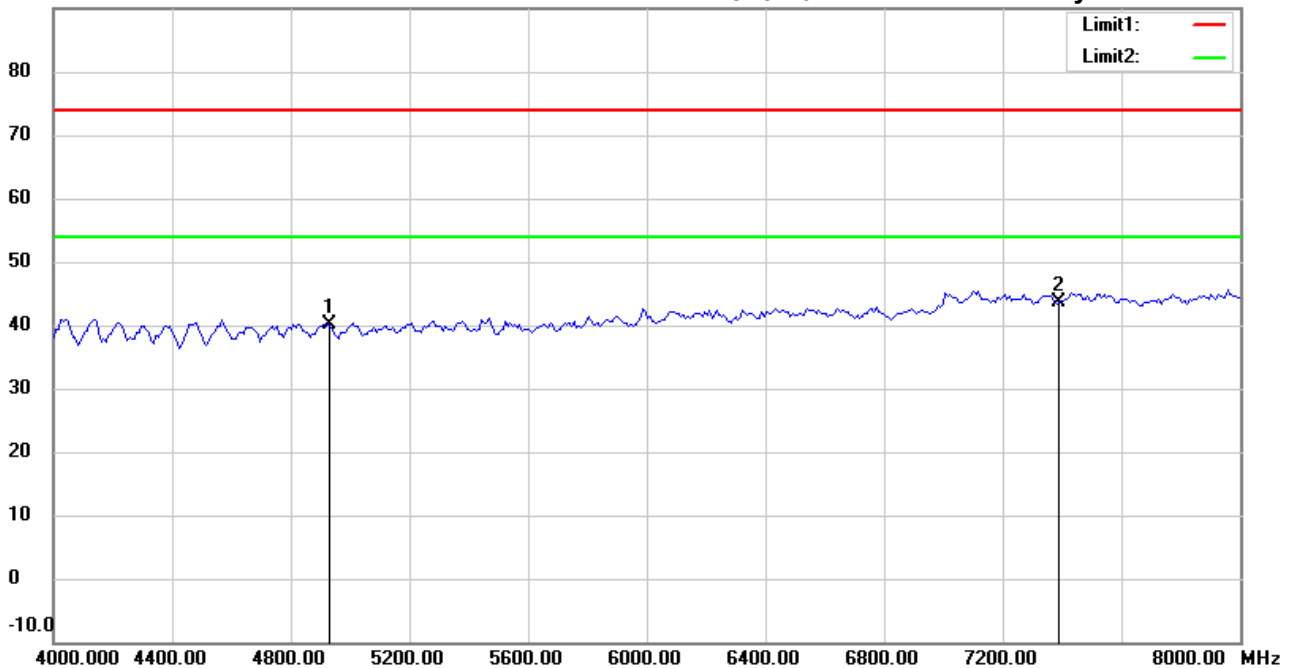
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:20:41 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4924.000	41.70	peak	-1.51	40.19	74.00	150	85	-33.81	
*	7386.000	39.83	peak	3.72	43.55	74.00	150	216	-30.45	

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



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

Operator: Leon

File : 3

Data : #7

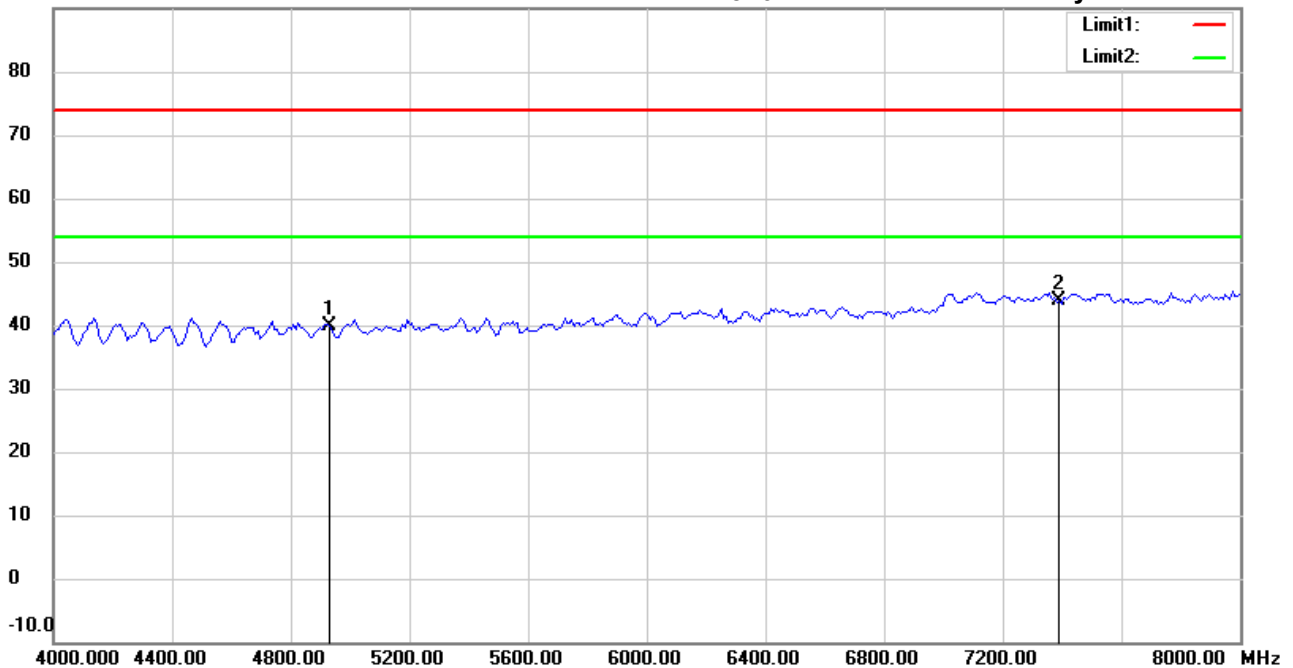
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:24:12 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4924.000	41.45	peak	-1.51	39.94	74.00	150	155	-34.06	
*	7386.000	40.14	peak	3.72	43.86	74.00	150	237	-30.14	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

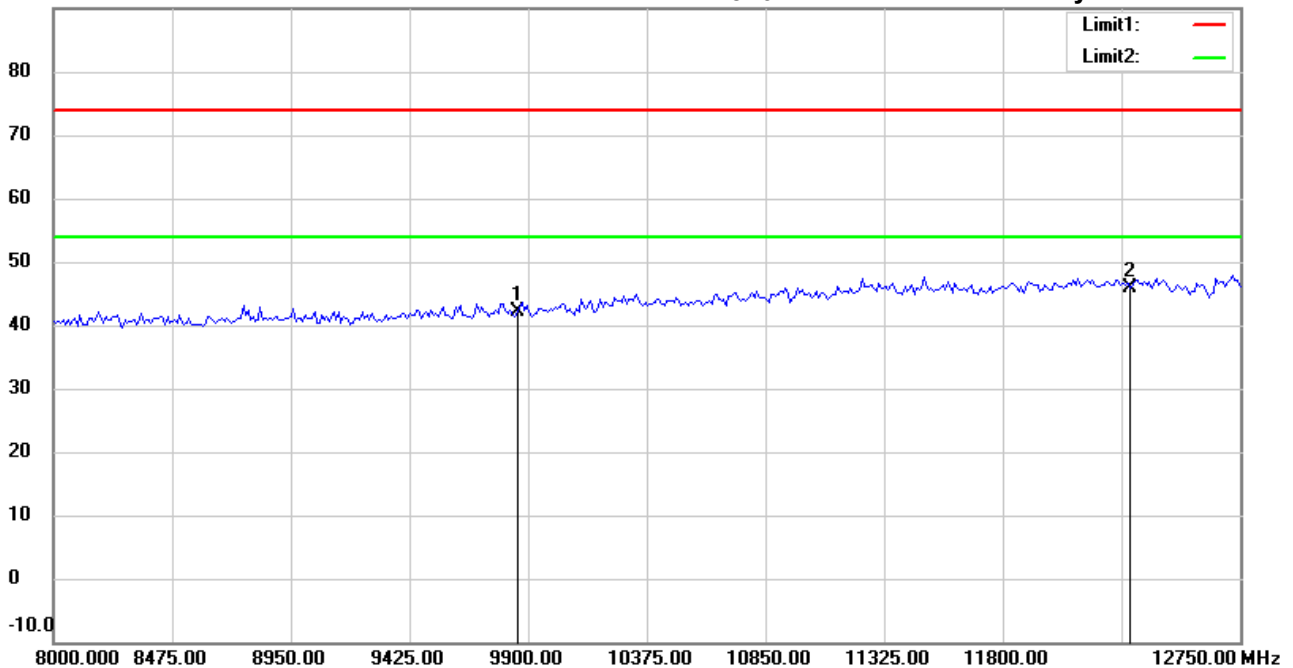
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:21:47 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.18	peak	6.96	42.14	74.00	150	175	-31.86	
*	12310.000	33.79	peak	12.18	45.97	74.00	150	240	-28.03	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

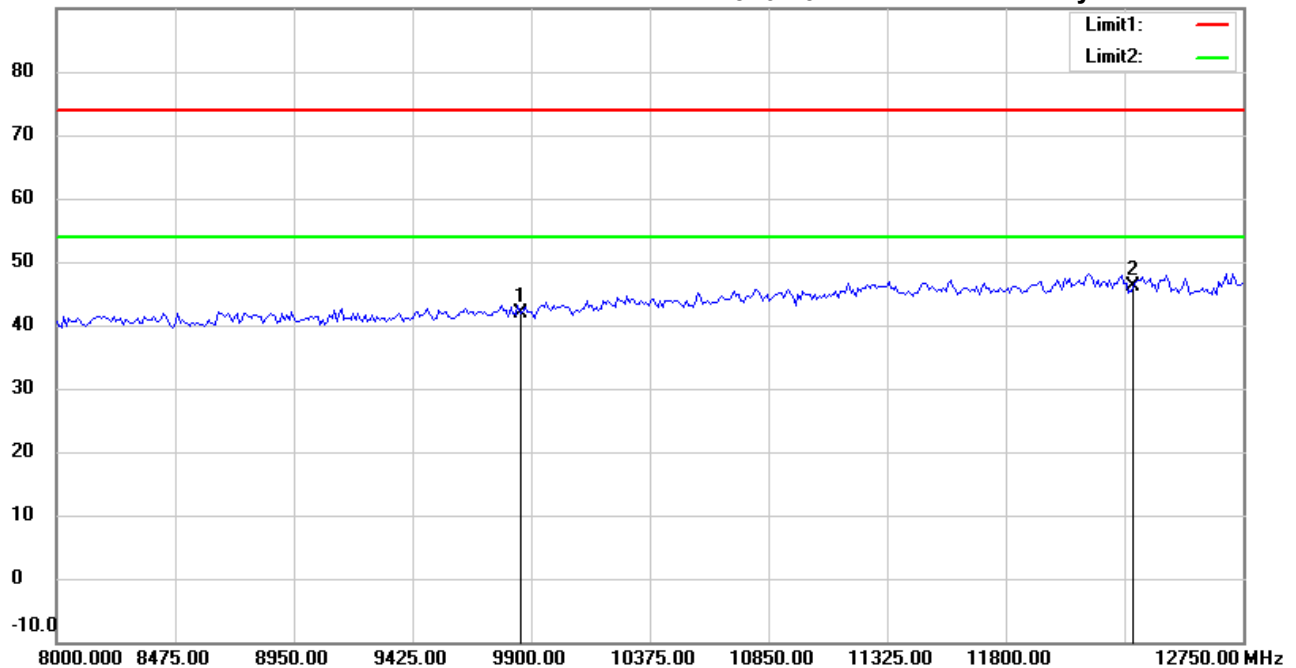
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:25:11 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9848.000	34.89	peak	6.96	41.85	74.00	150	56	-32.15	
*	12310.000	34.00	peak	12.18	46.18	74.00	150	91	-27.82	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

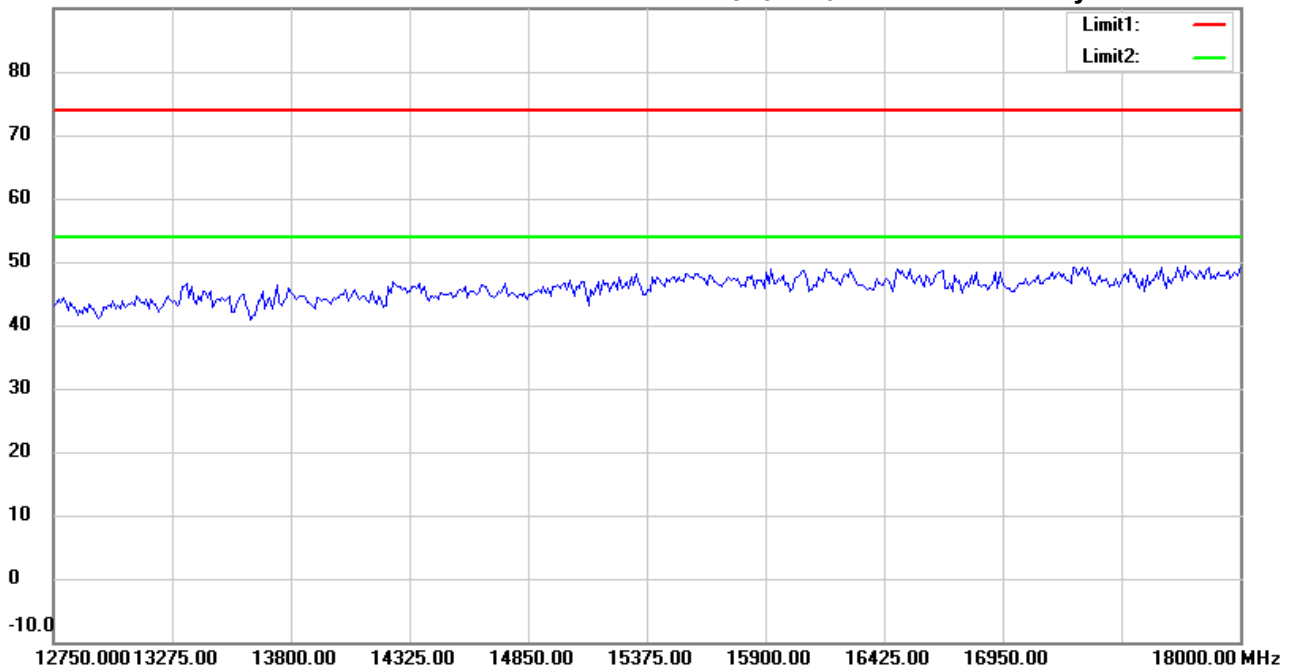
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:22:01 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

Operator: Leon

File :3

Data :#9

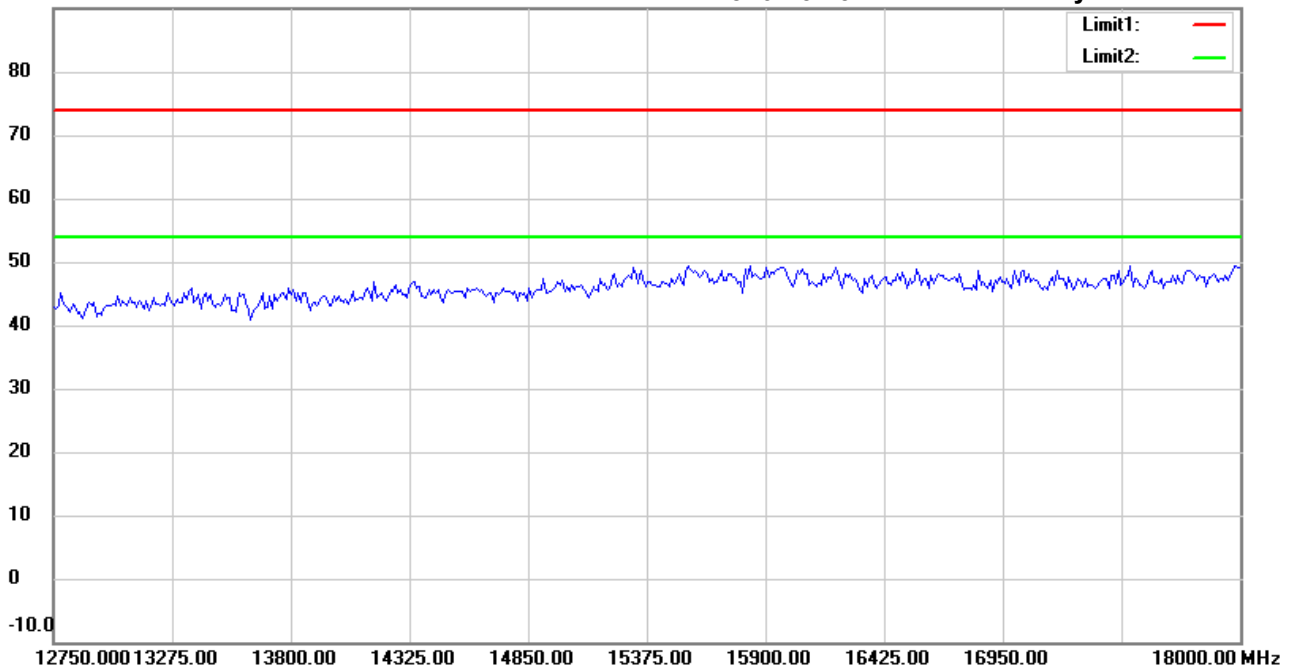
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 9:25:25 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #5

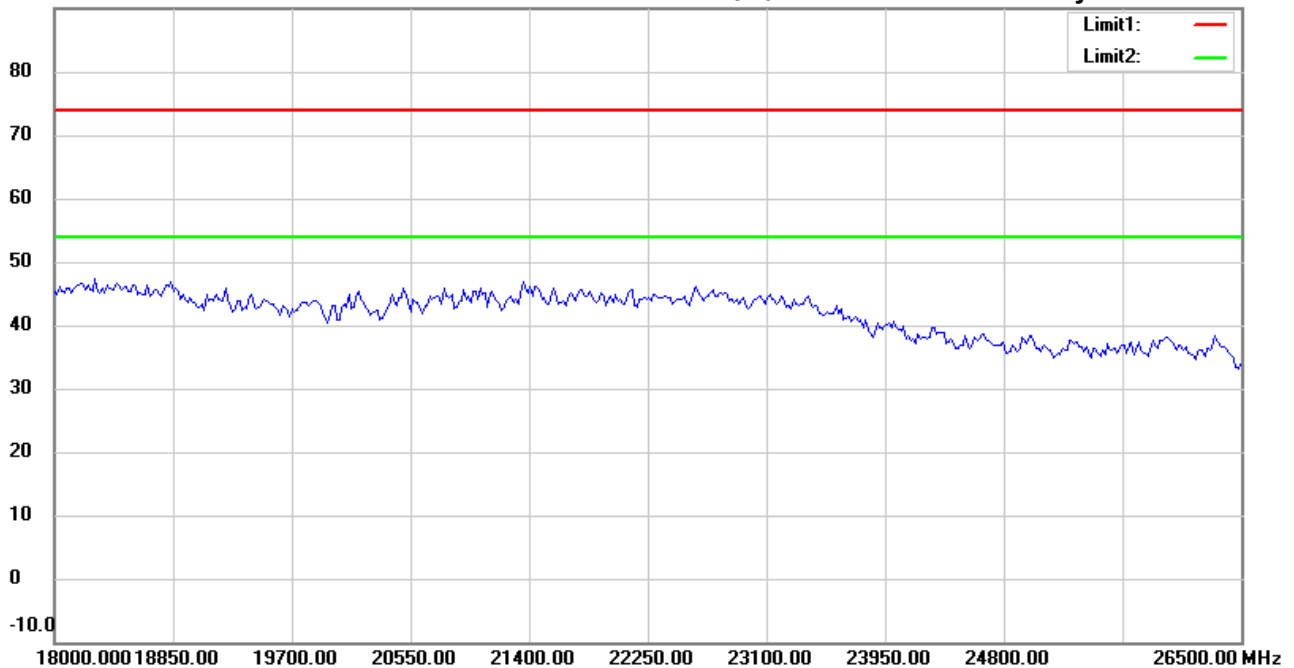
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:22:11 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #10

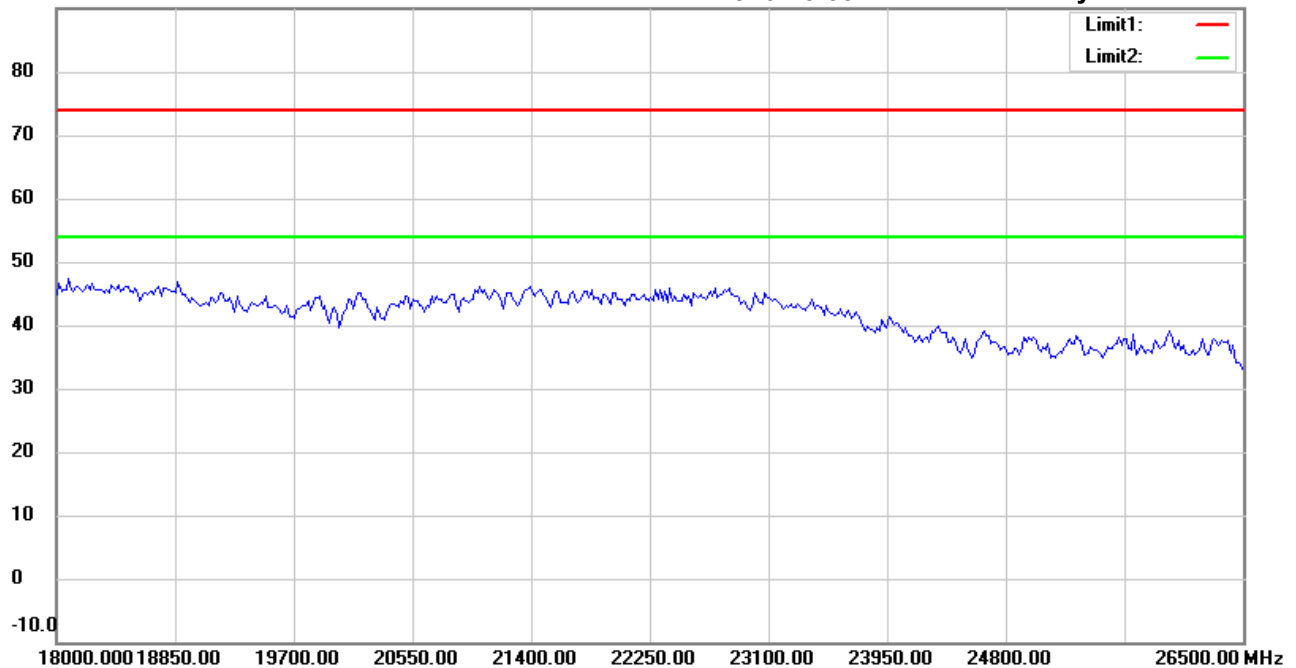
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:25:35 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

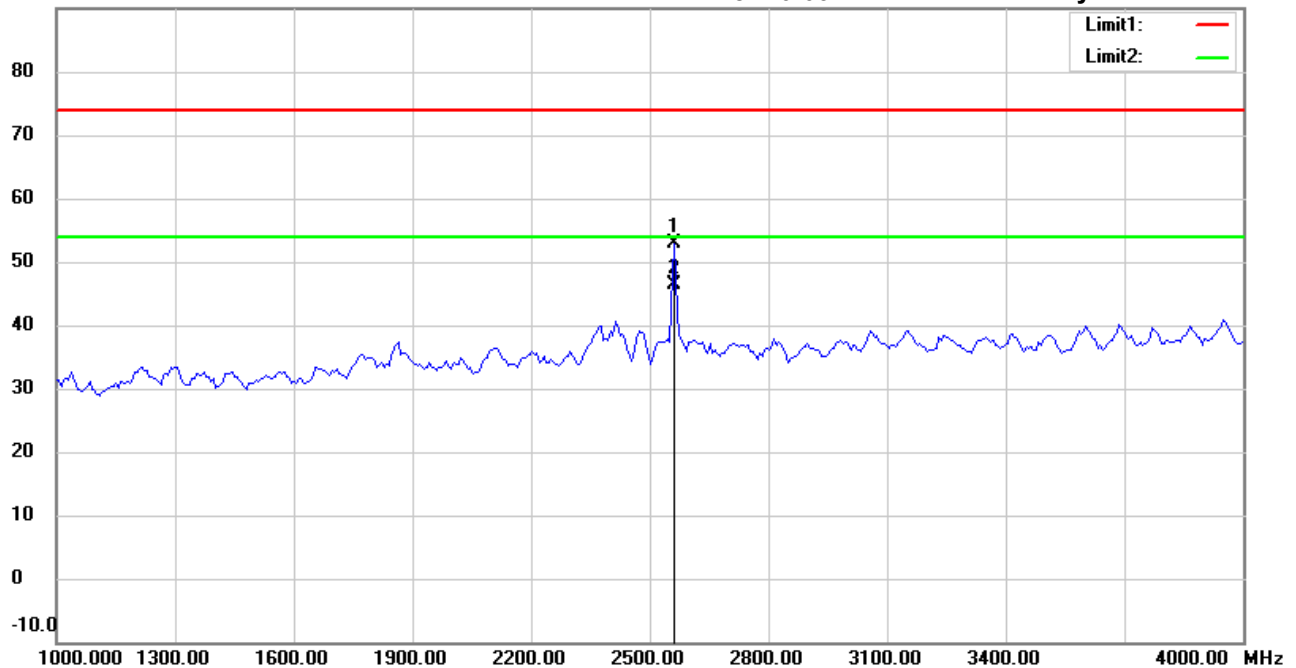
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:09:11 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21911-19475

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g 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
	2563.126	57.82	peak	-5.00	52.82	74.00	150	132	-21.18	
*	2563.126	51.37	AVG	-5.00	46.37	54.00	150	132	-7.63	



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

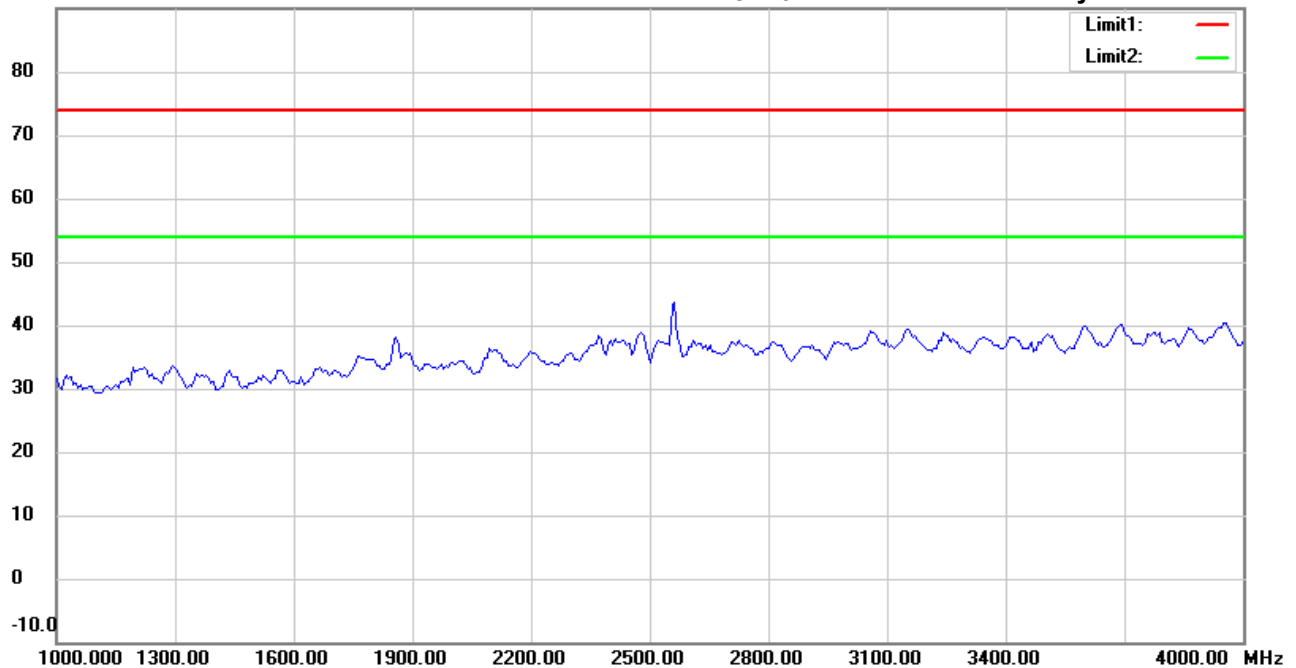
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:12:41 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

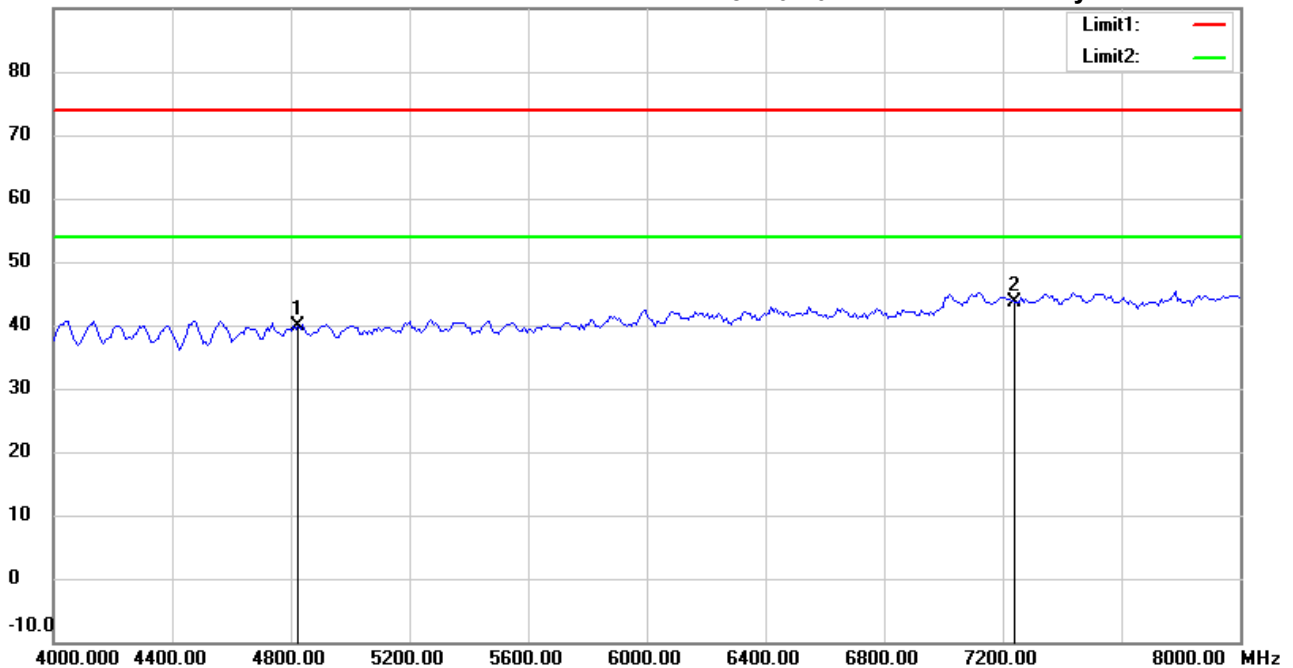
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:10:11 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	41.64	peak	-1.88	39.76	74.00	150	57	-34.24	
*	7236.000	40.28	peak	3.28	43.56	74.00	150	241	-30.44	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

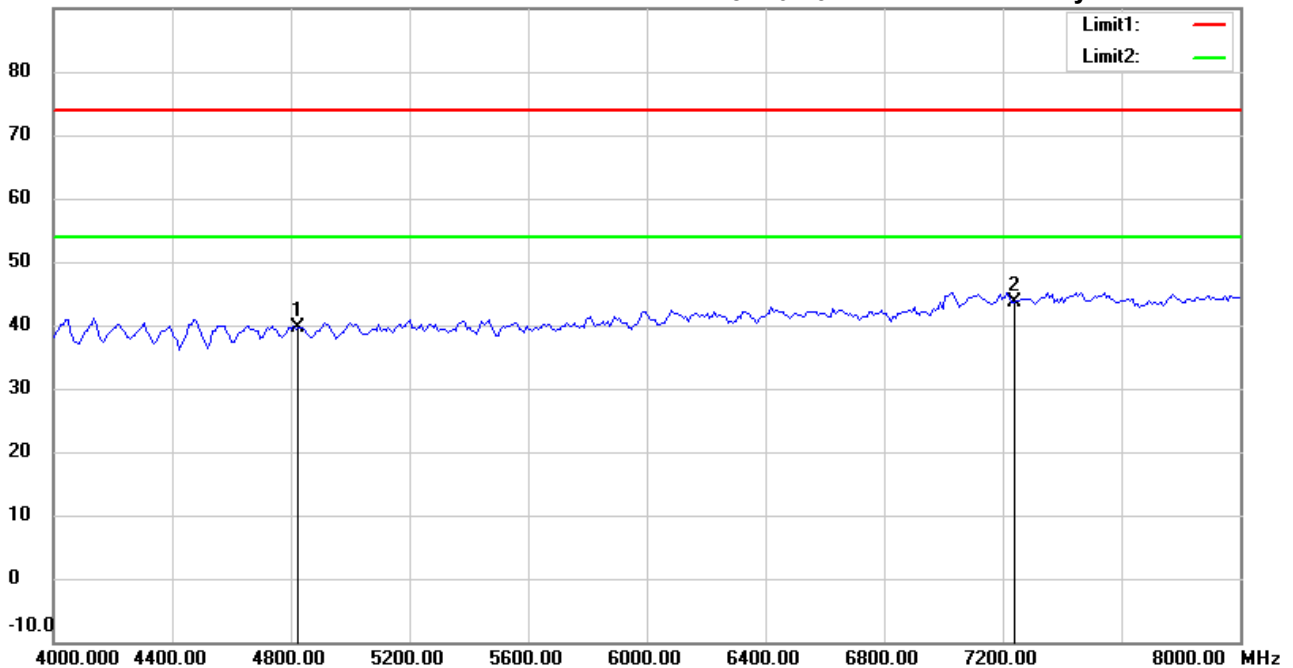
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:13:42 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	41.59	peak	-1.88	39.71	74.00	150	65	-34.29	
*	7236.000	40.45	peak	3.28	43.73	74.00	150	237	-30.27	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

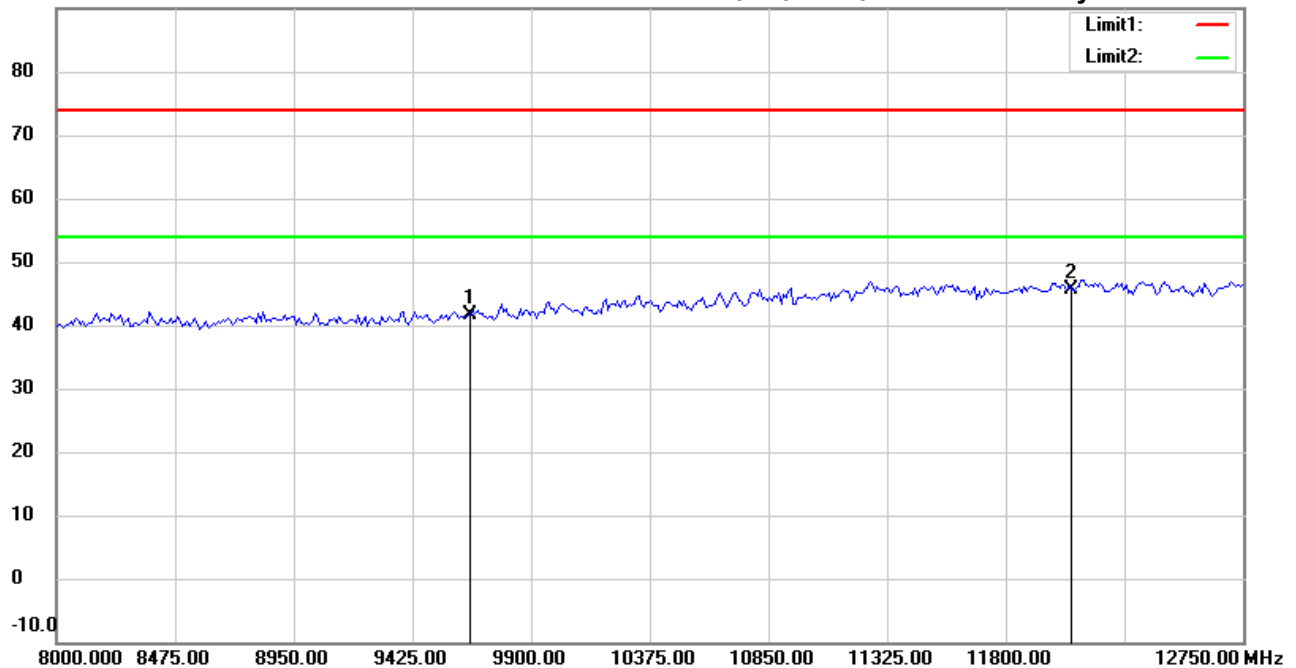
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:11:18 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9648.000	35.04	peak	6.60	41.64	74.00	150	96	-32.36	
*	12060.000	33.39	peak	12.21	45.60	74.00	150	235	-28.40	

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



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

Operator: Leon

File :3

Data :#8

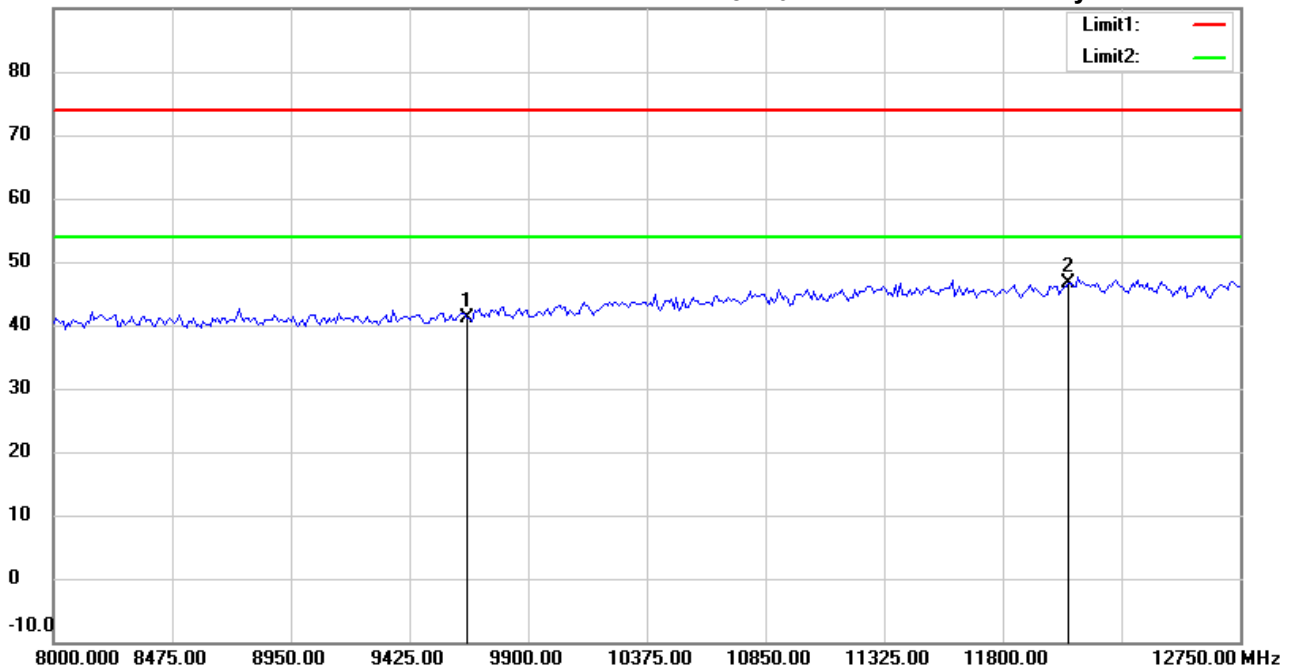
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:14:42 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9648.000	34.64	peak	6.60	41.24	74.00	150	175	-32.76	
*	12060.000	34.36	peak	12.21	46.57	74.00	150	240	-27.43	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

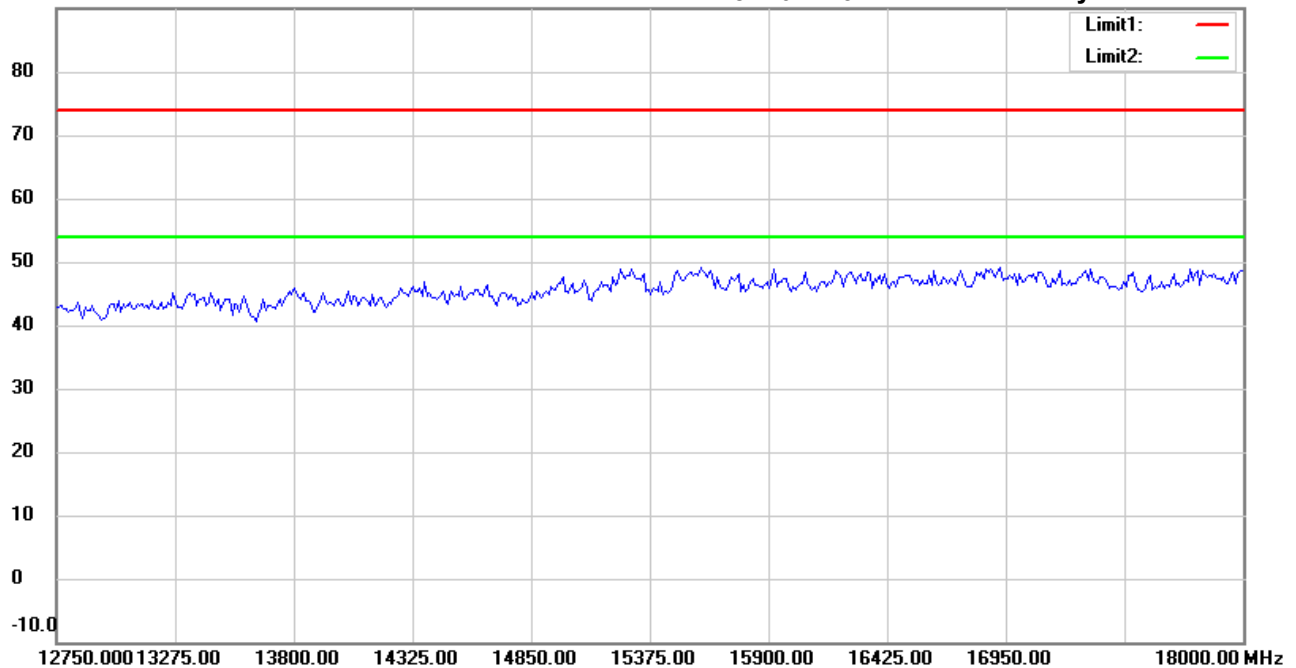
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:11:32 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

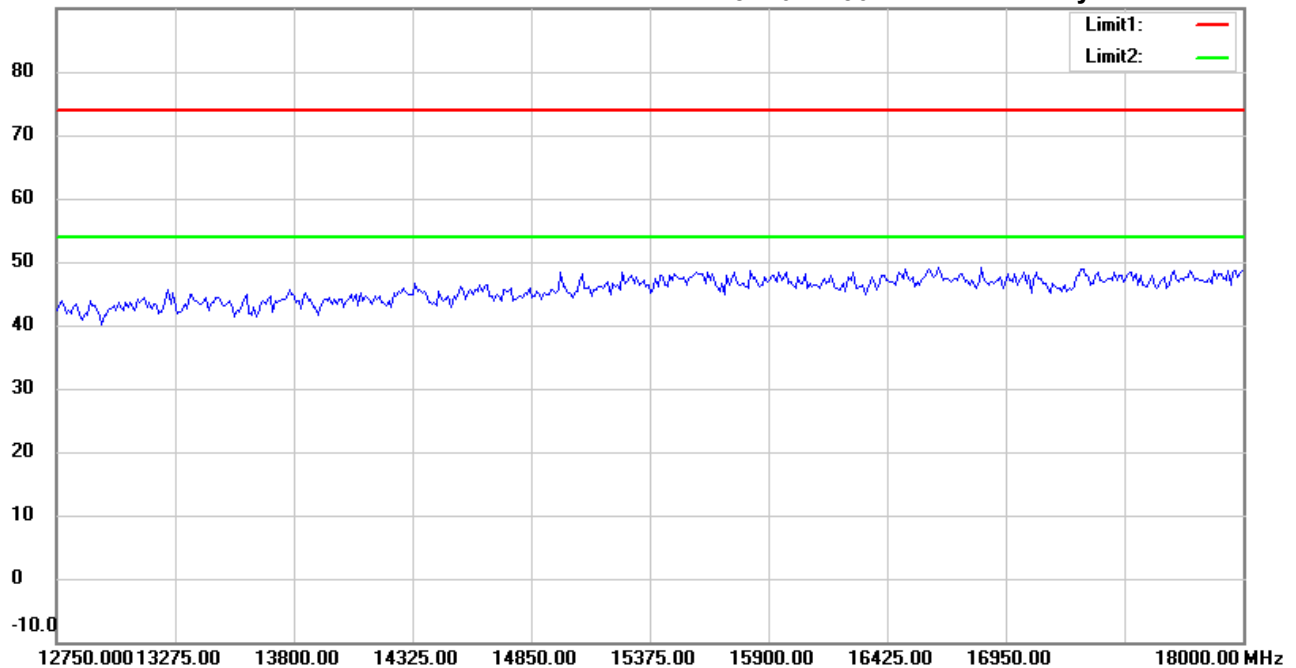
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:14:56 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #5

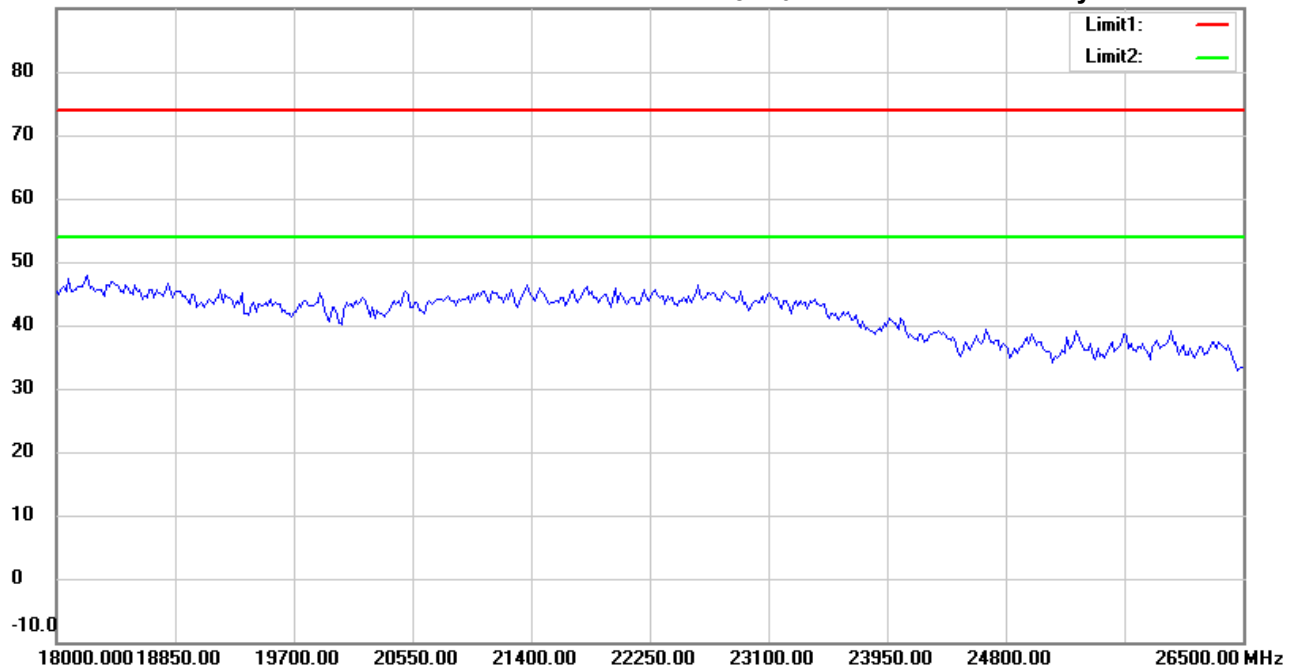
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:11:41 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #10

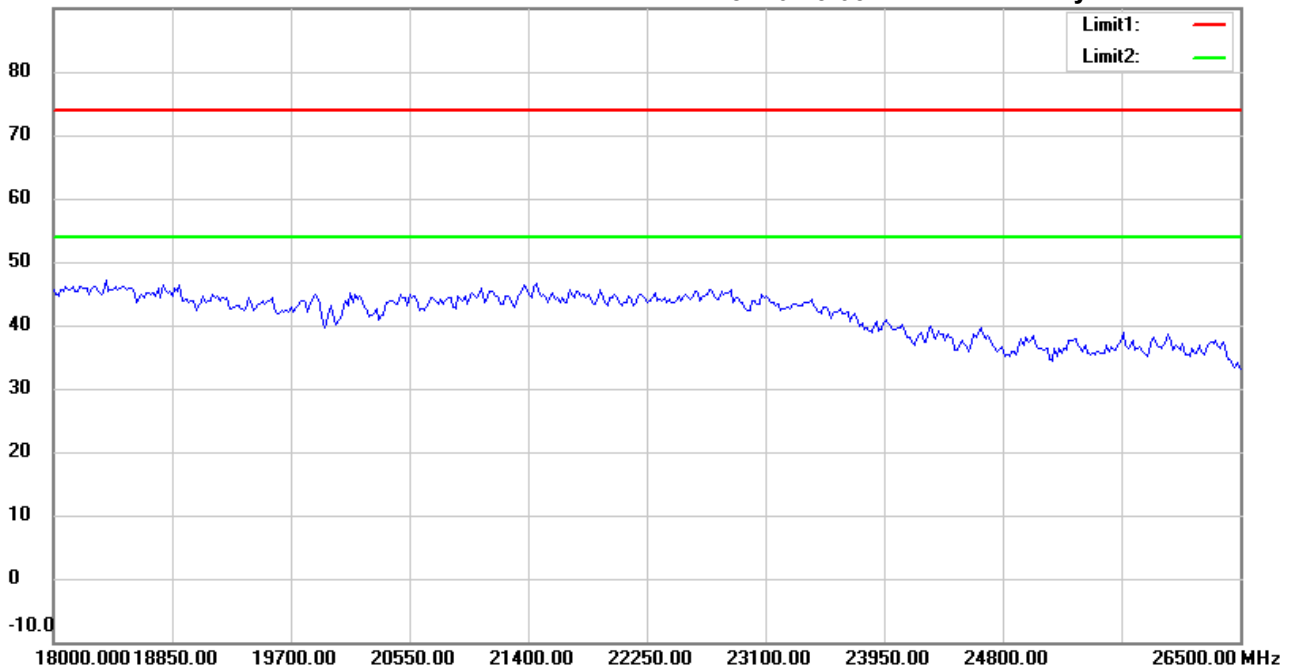
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:15:05 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #1

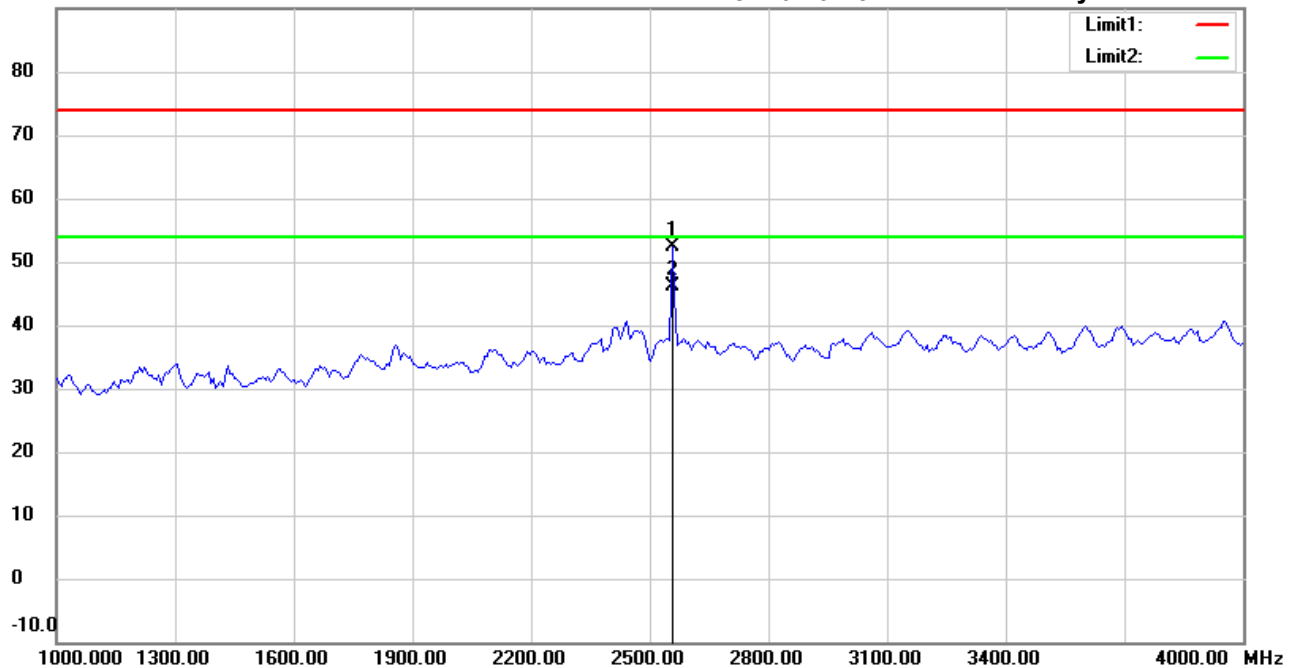
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:19:45 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	57.29	peak	-4.96	52.33	74.00	150	241	-21.67	
*	2557.114	51.03	AVG	-4.96	46.07	54.00	150	241	-7.93	

*: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: Leon

File :3

Data :#6

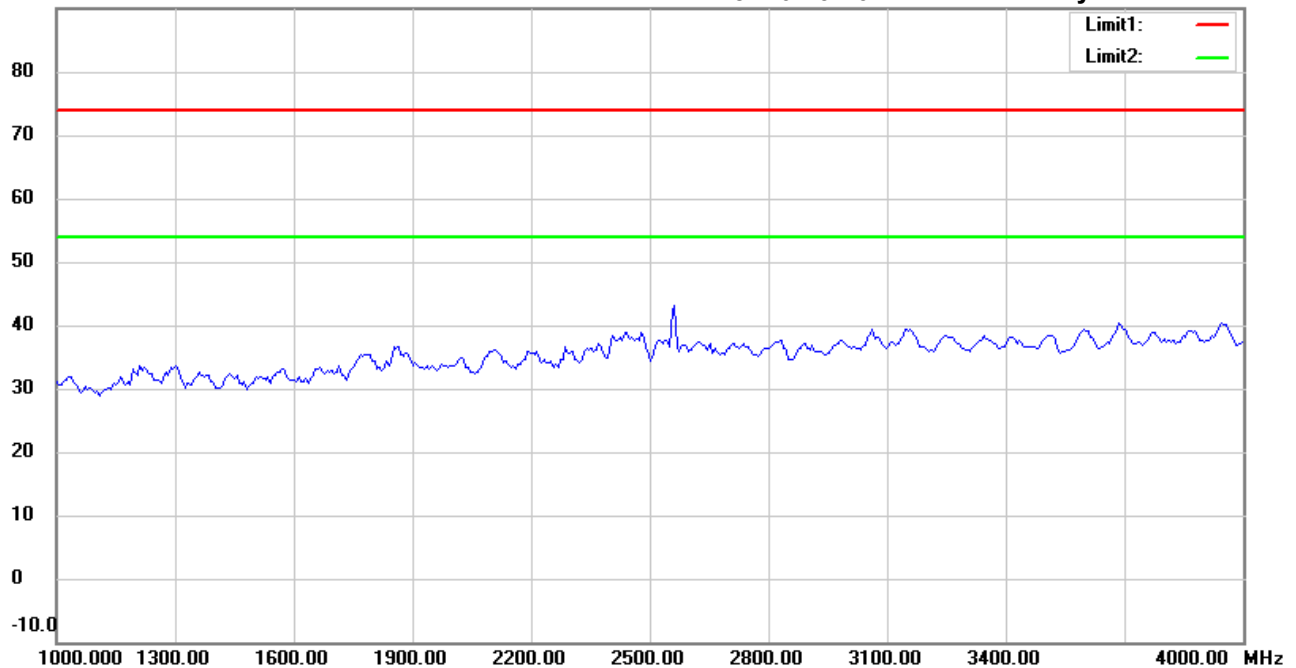
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 10:23:16 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File :3

Data :#2

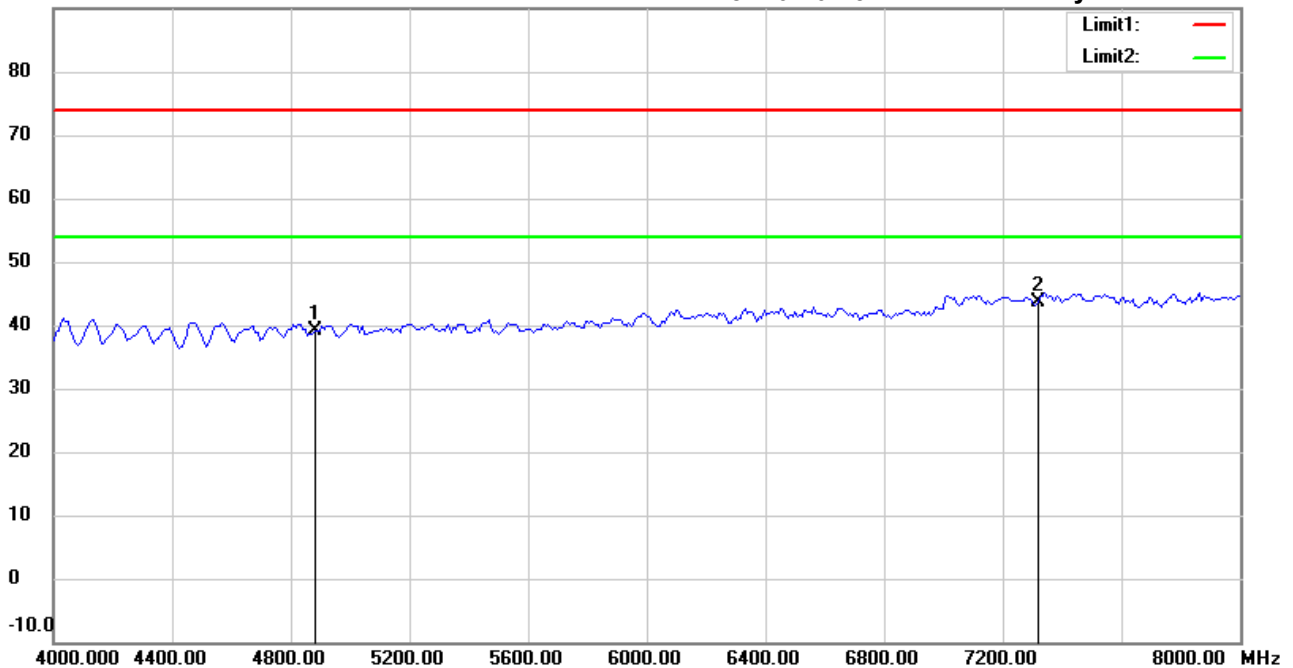
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:20:45 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.77	peak	-1.70	39.07	74.00	150	57	-34.93	
*	7311.000	40.30	peak	3.42	43.72	74.00	150	213	-30.28	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

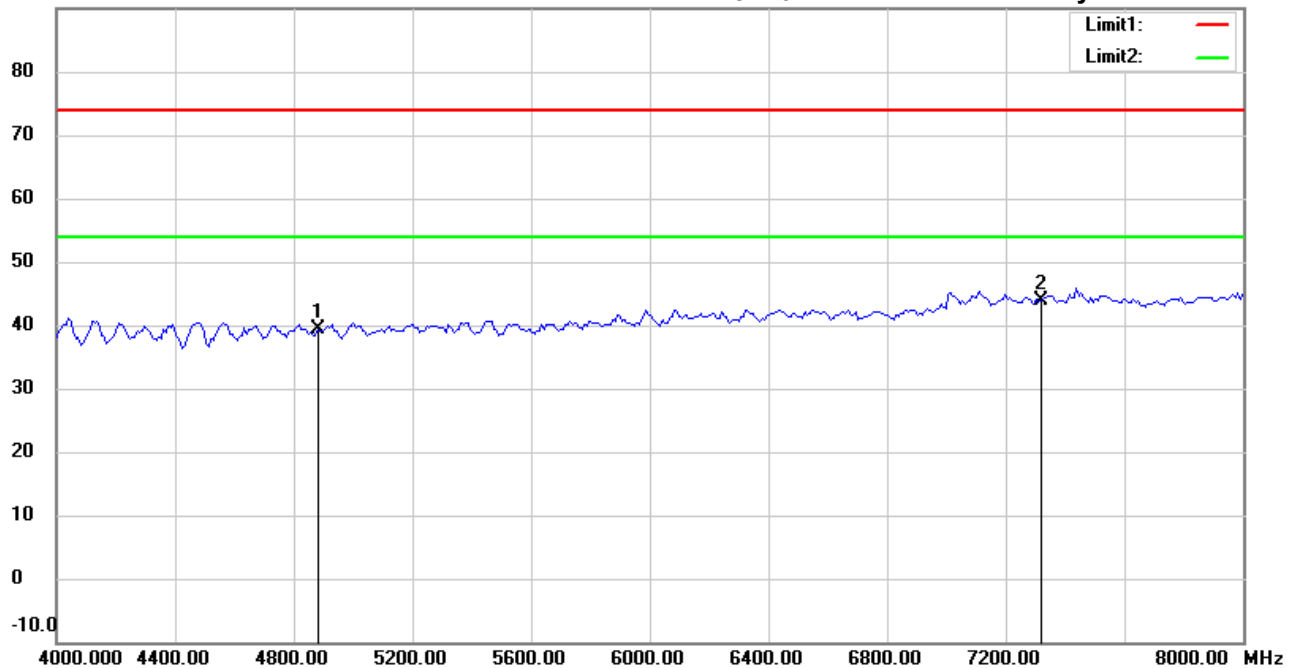
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:24:17 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	41.03	peak	-1.70	39.33	74.00	150	85	-34.67	
*	7311.000	40.34	peak	3.42	43.76	74.00	150	220	-30.24	

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



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

Operator: Leon

File : 3

Data : #3

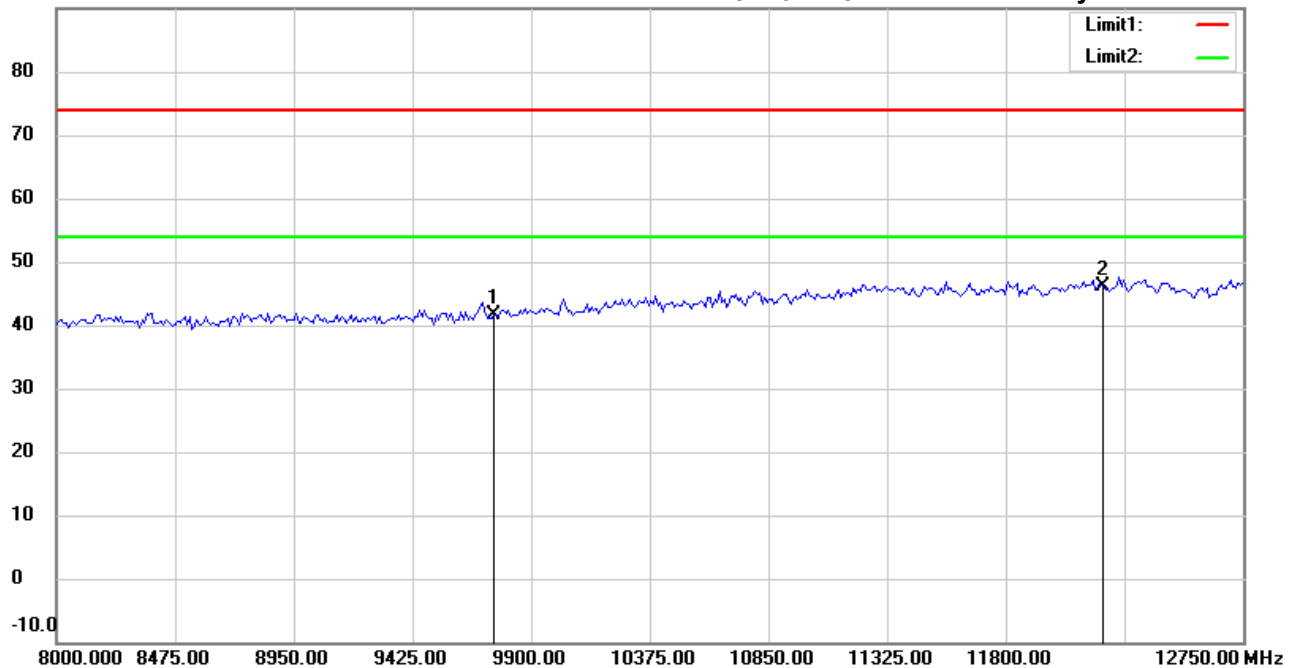
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:21:52 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	34.82	peak	6.75	41.57	74.00	150	265	-32.43	
*	12185.000	33.31	peak	12.83	46.14	74.00	150	93	-27.86	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

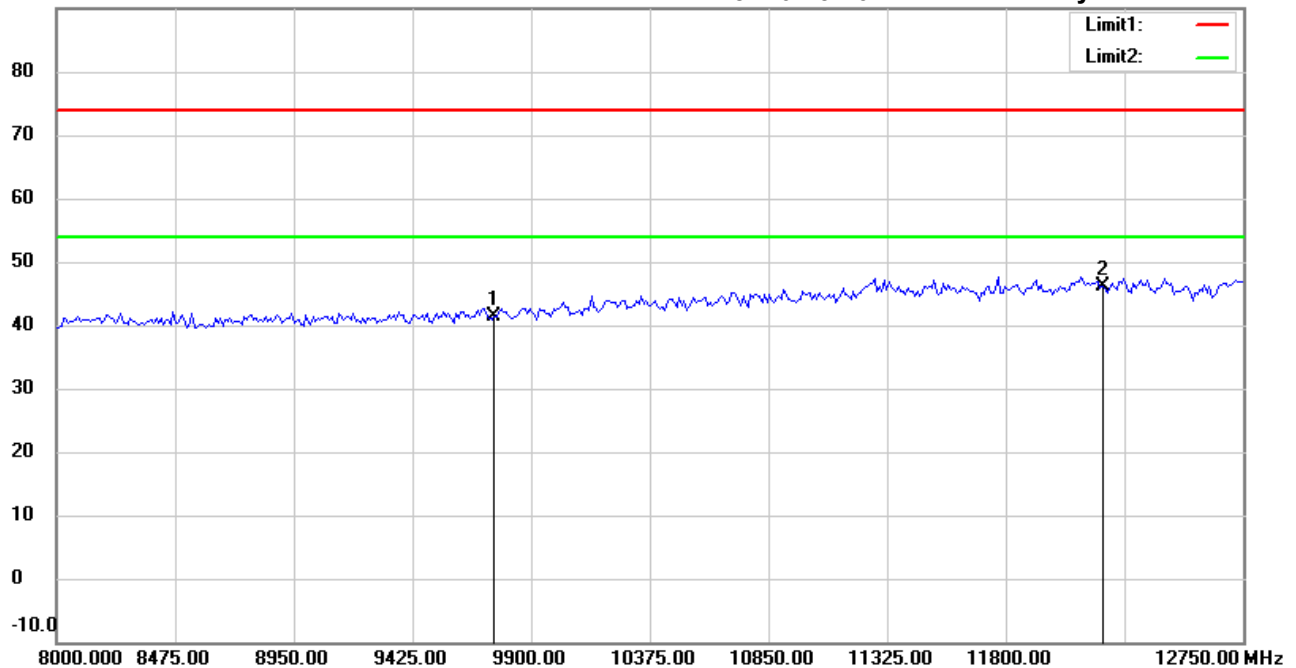
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:25:16 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9748.000	34.56	peak	6.75	41.31	74.00	150	235	-32.69	
*	12185.000	33.21	peak	12.83	46.04	74.00	150	176	-27.96	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

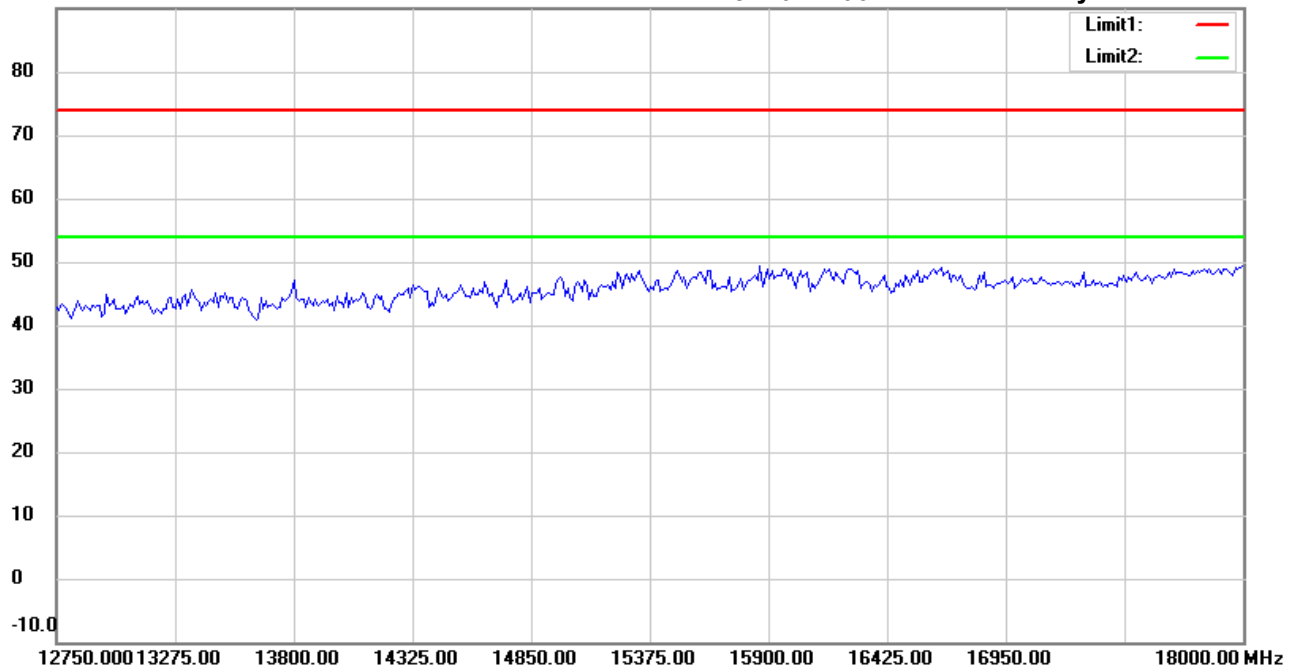
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:22:06 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

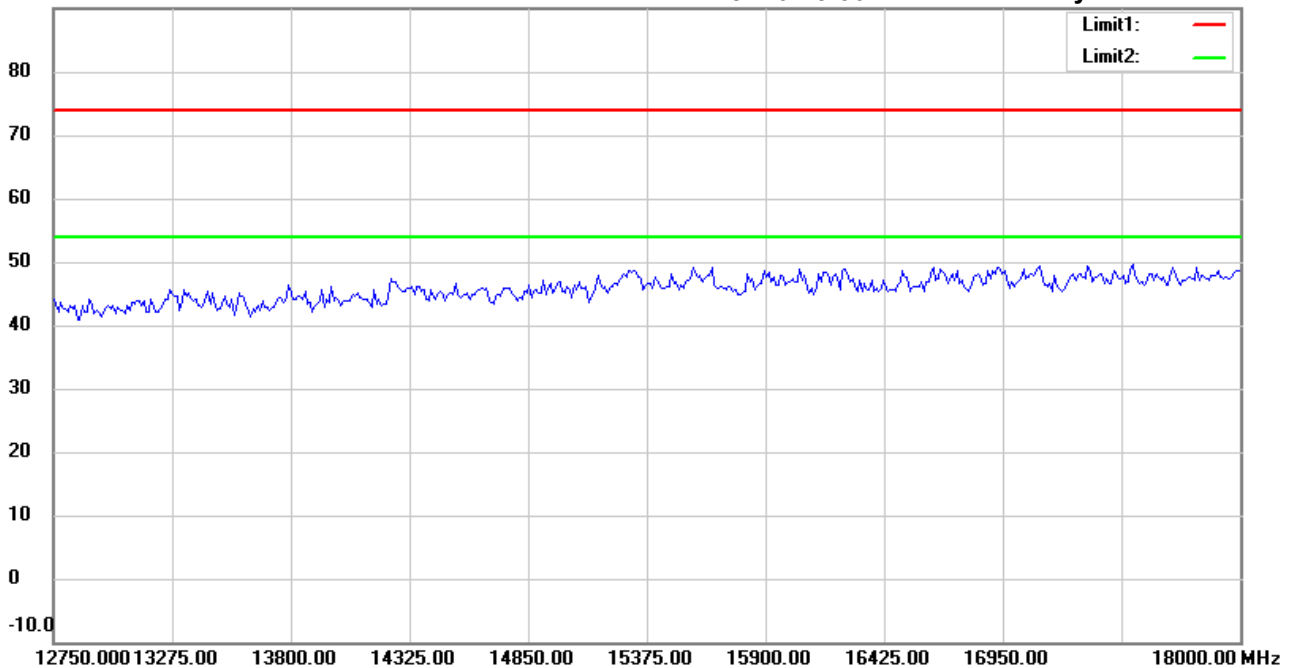
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:25:30 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #5

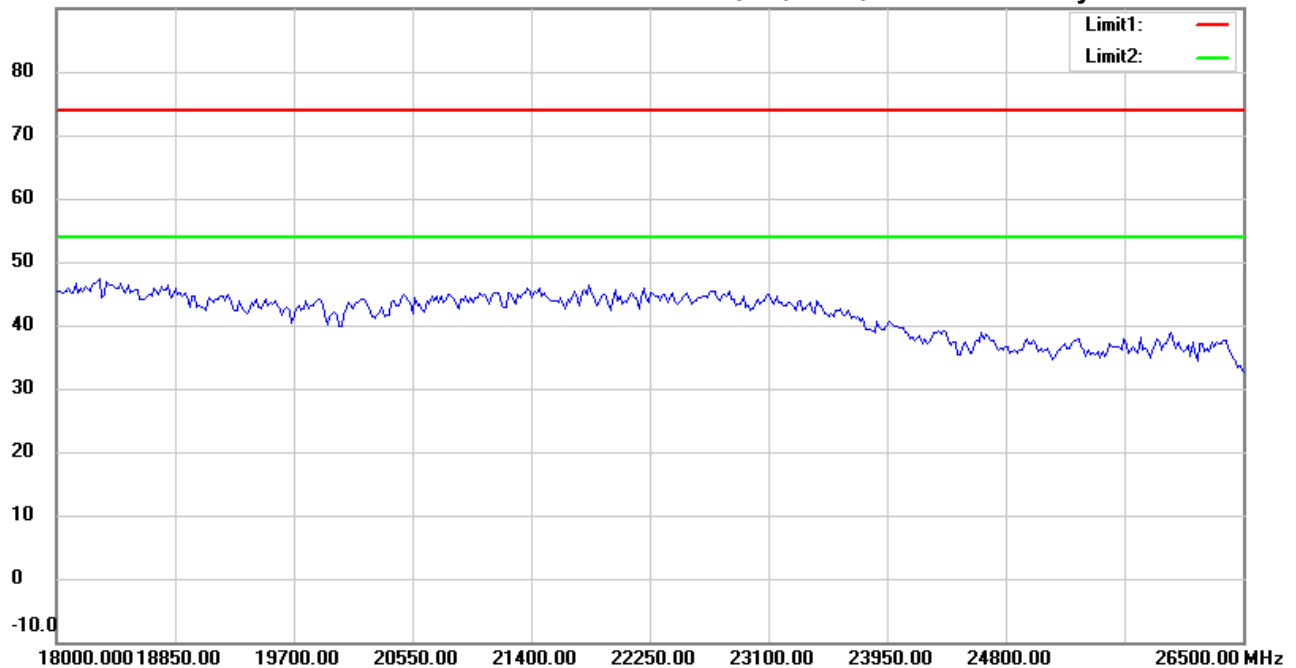
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:22:16 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

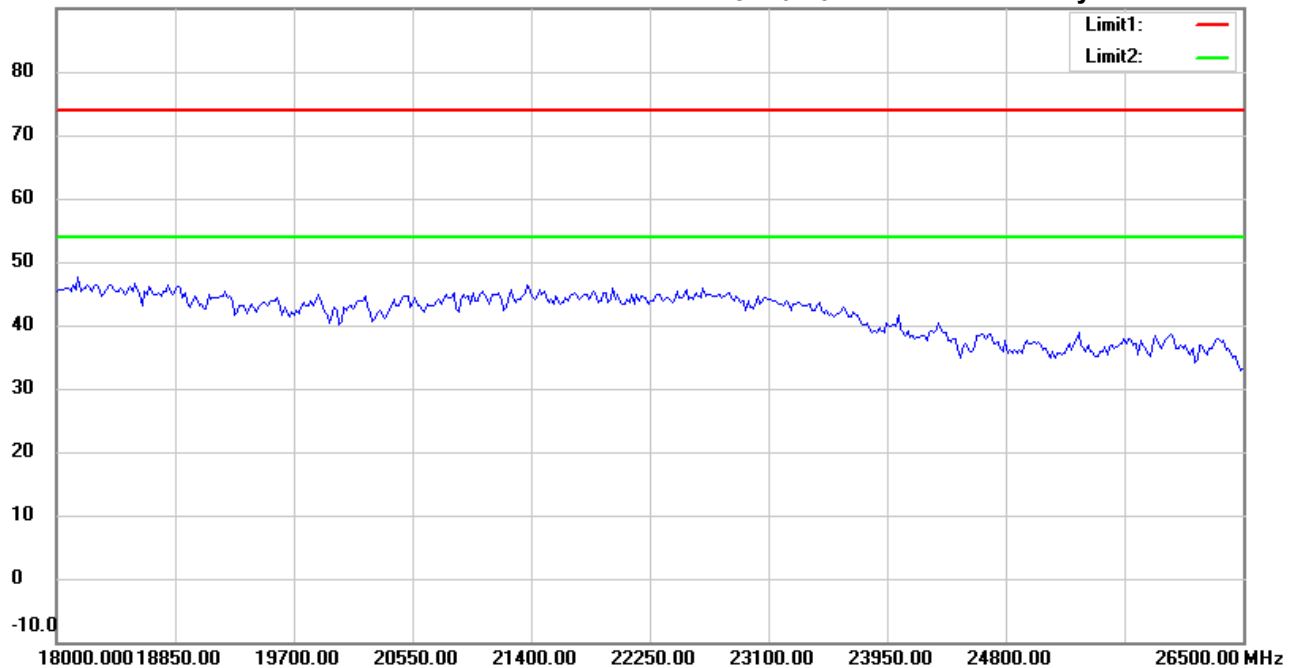
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:25:41 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

Operator: Leon

File :3

Data :#1

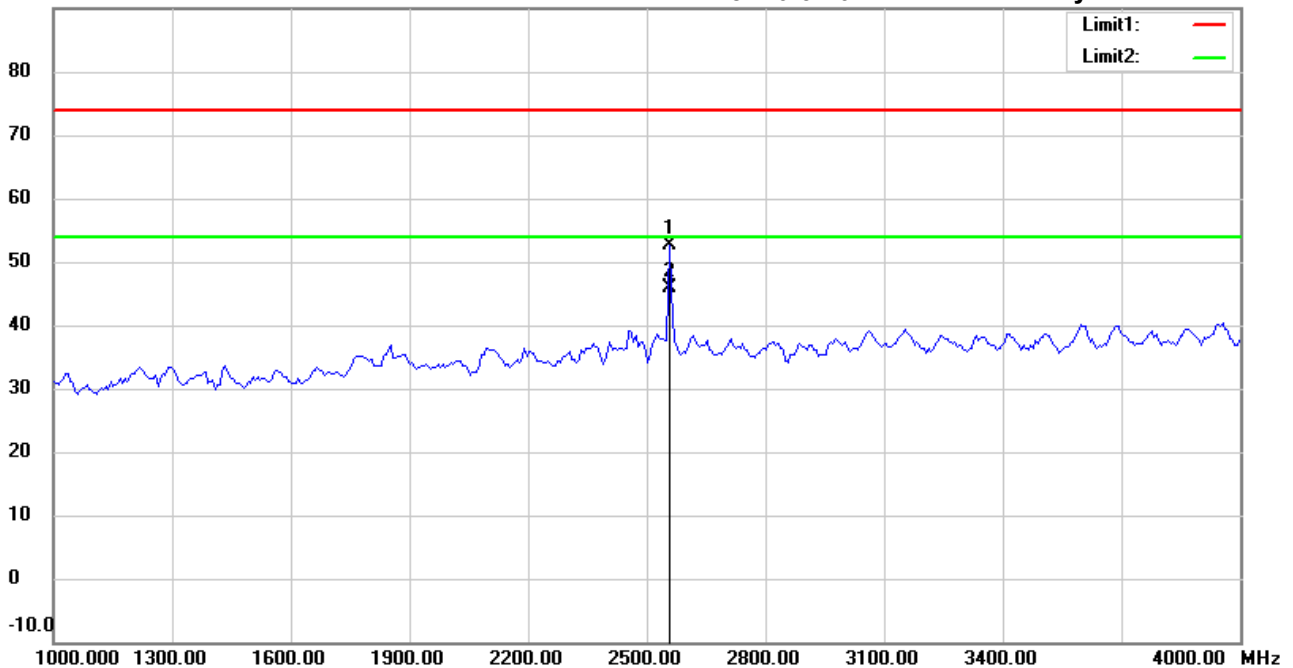
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:31:01 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	57.58	peak	-4.96	52.62	74.00	150	32	-21.38	
*	2557.114	50.96	AVG	-4.96	46.00	54.00	150	32	-8.00	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

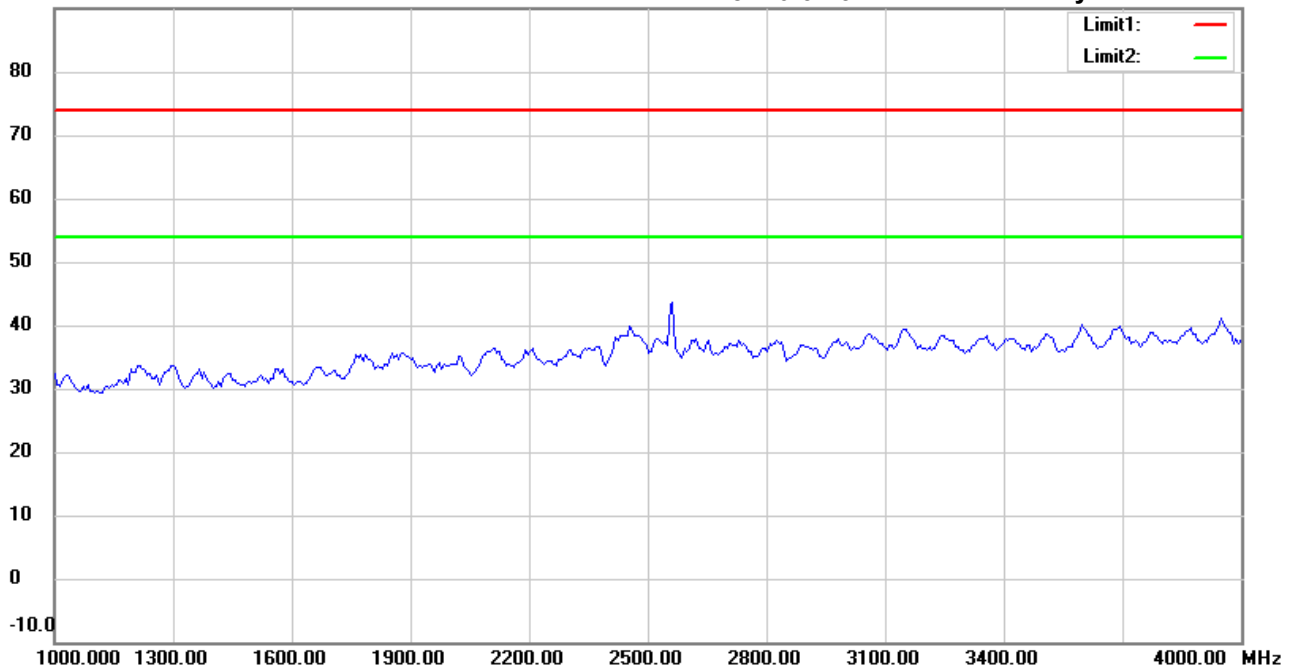
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 10:34:32 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

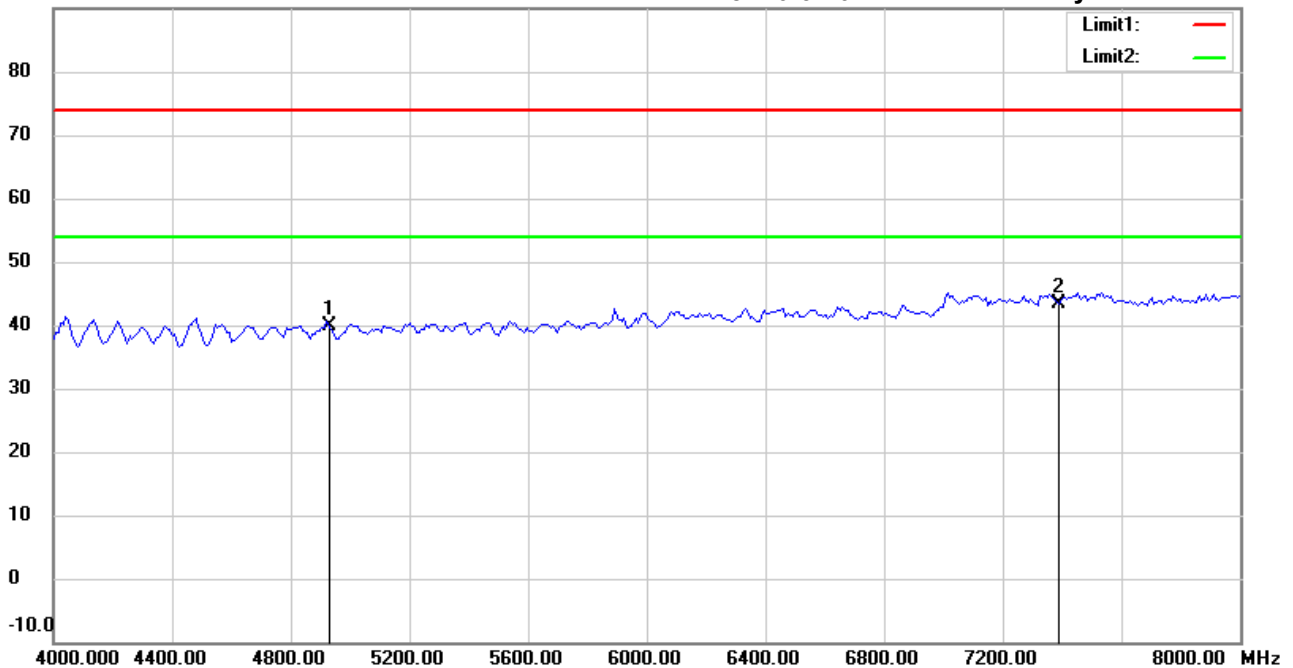
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:32:02 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4924.000	41.44	peak	-1.51	39.93	74.00	150	257	-34.07	
*	7386.000	39.78	peak	3.72	43.50	74.00	150	80	-30.50	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

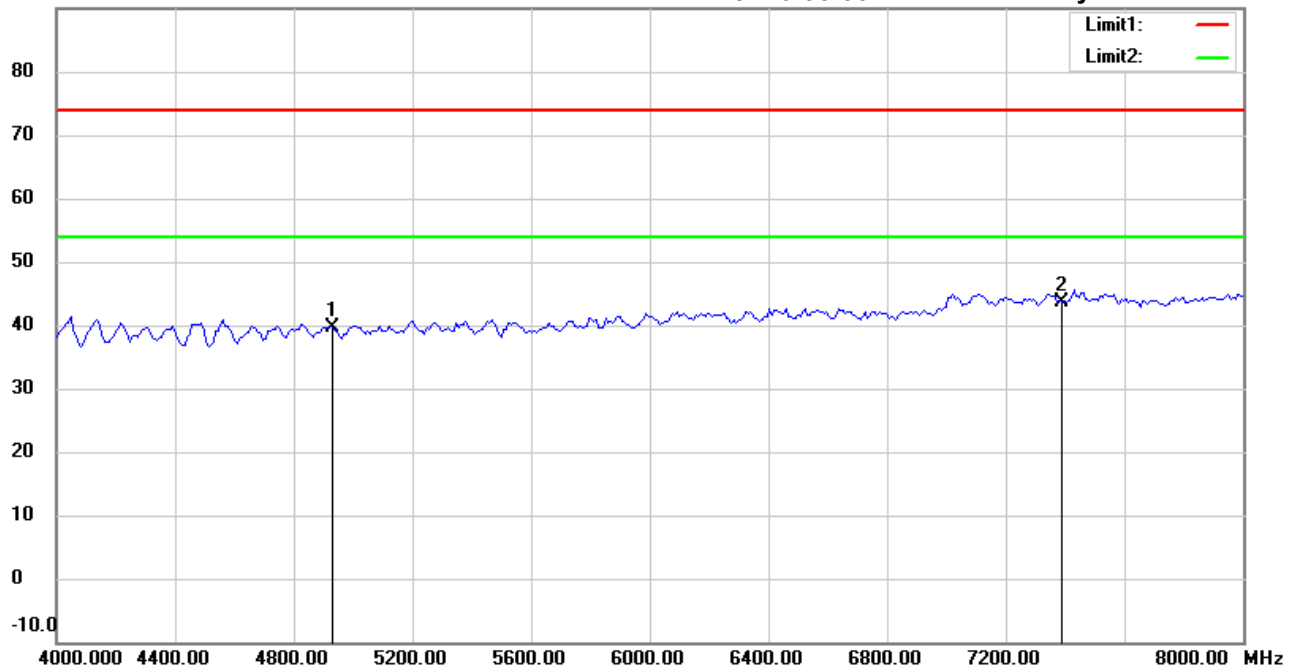
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:35:33 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4924.000	41.09	peak	-1.51	39.58	74.00	150	51	-34.42	
*	7386.000	39.95	peak	3.72	43.67	74.00	150	237	-30.33	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

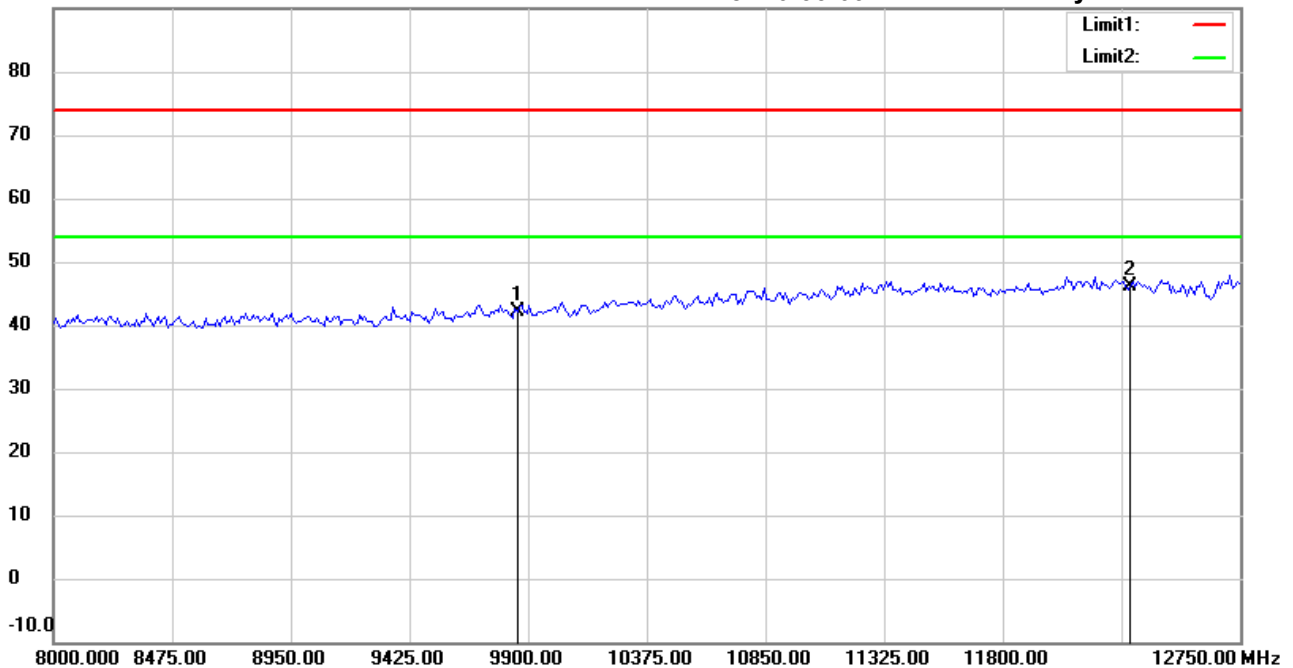
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:33:09 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9848.000	35.12	peak	6.96	42.08	74.00	150	24	-31.92	
*	12310.000	33.90	peak	12.18	46.08	74.00	150	136	-27.92	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

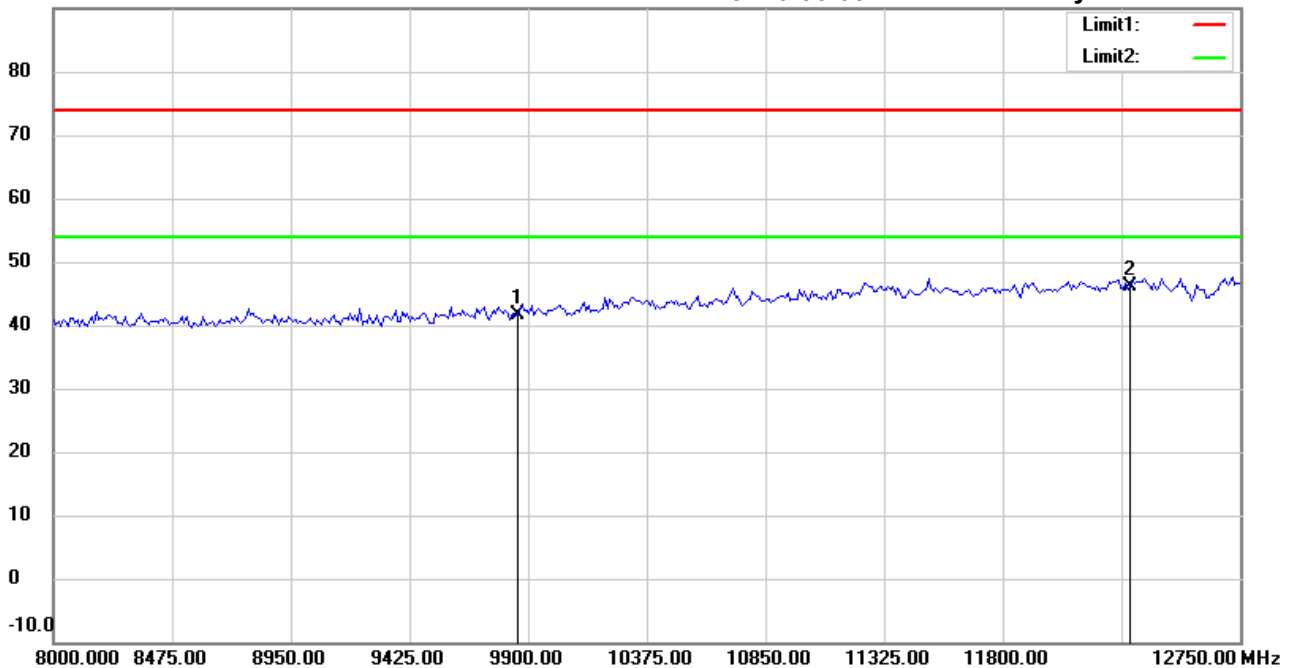
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:36:33 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	34.74	peak	6.96	41.70	74.00	150	145	-32.30	
*	12310.000	33.83	peak	12.18	46.01	74.00	150	193	-27.99	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

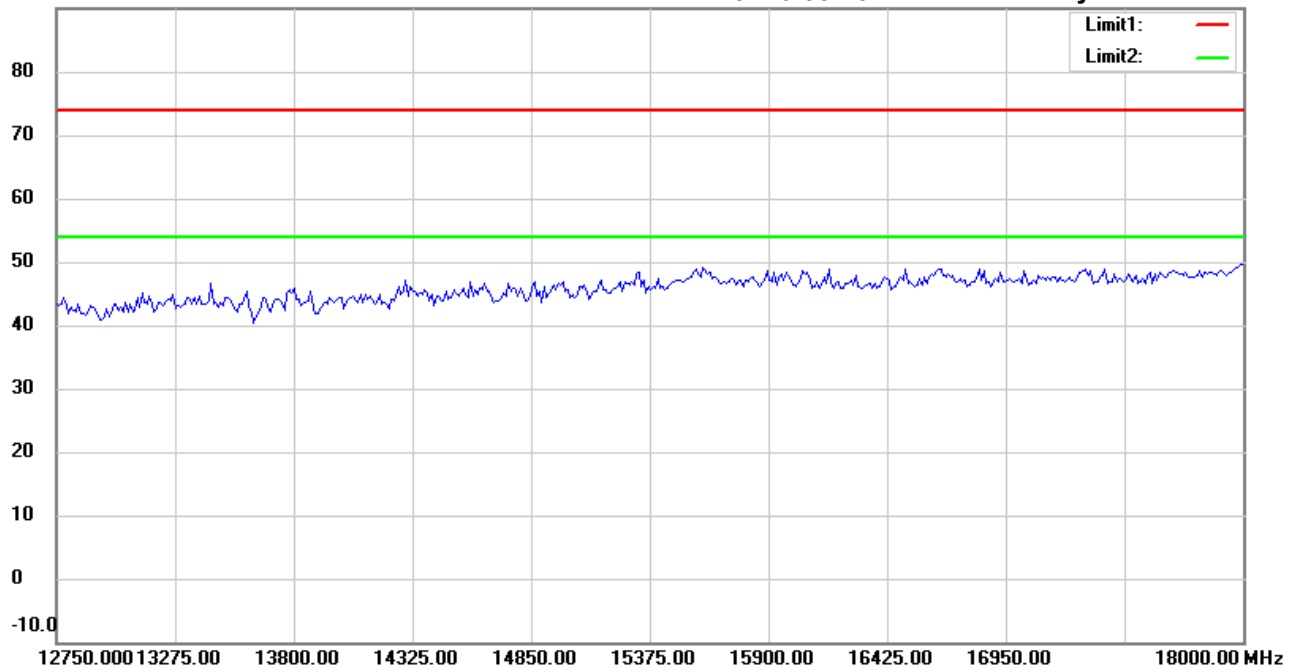
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:33:23 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

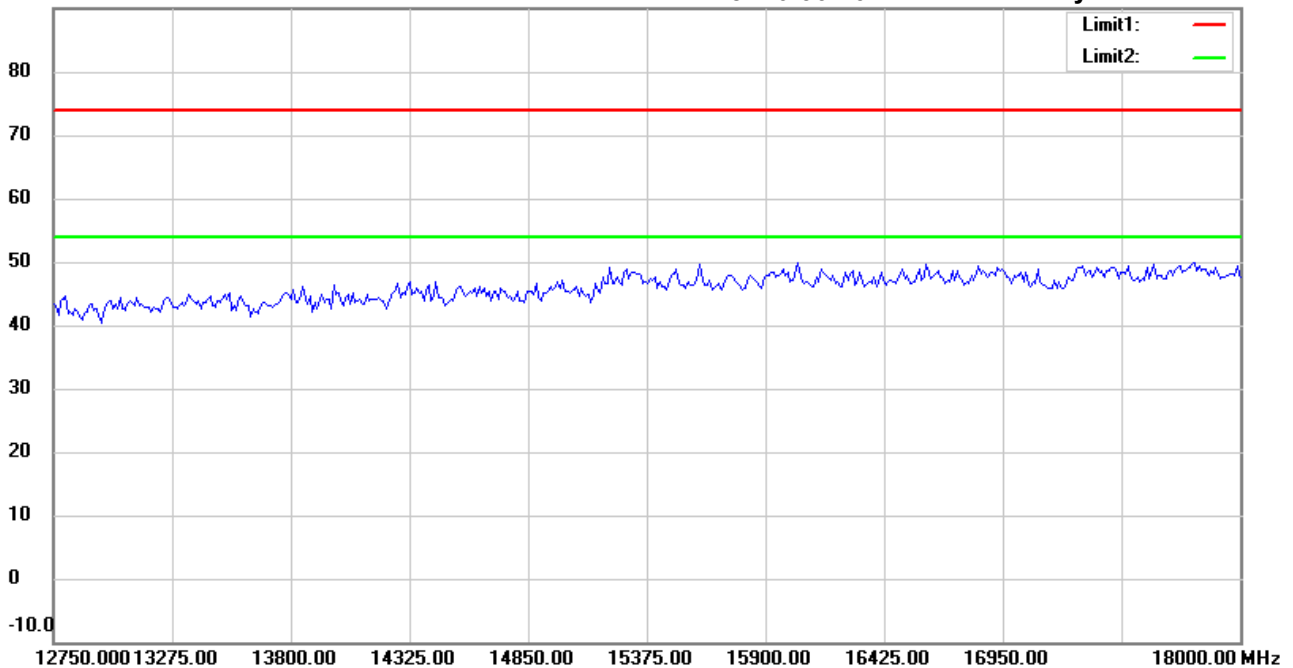
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 10:36:46 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

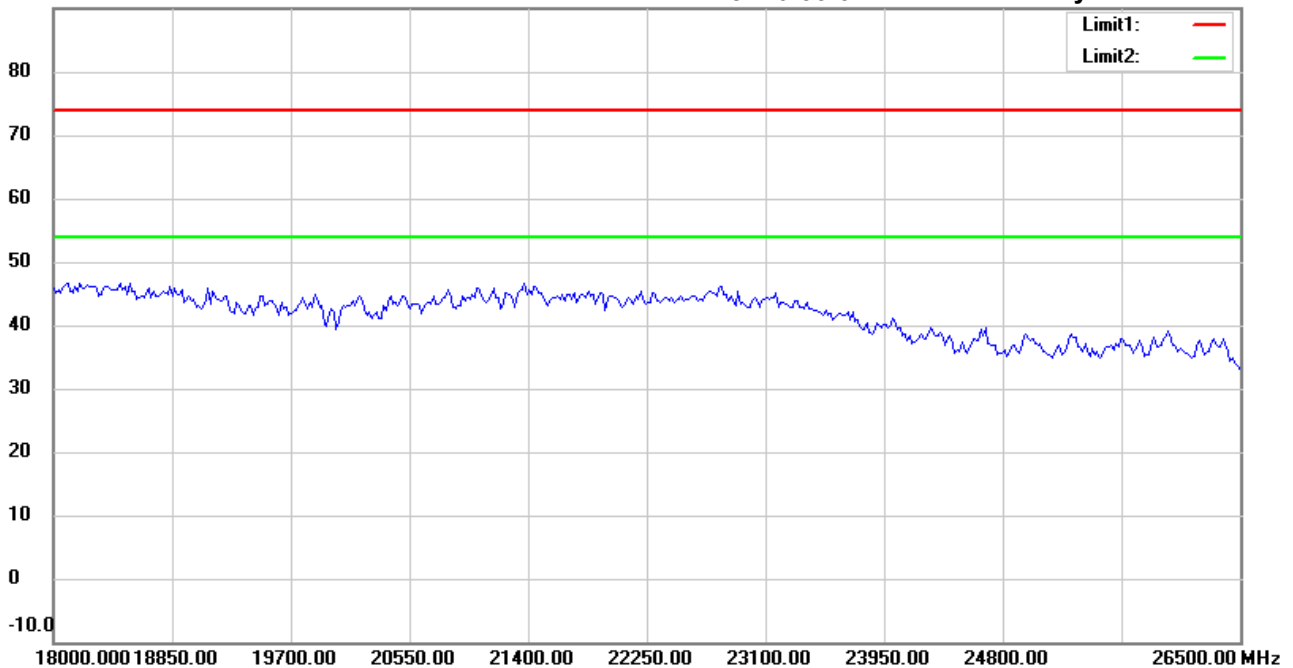
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:33:32 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

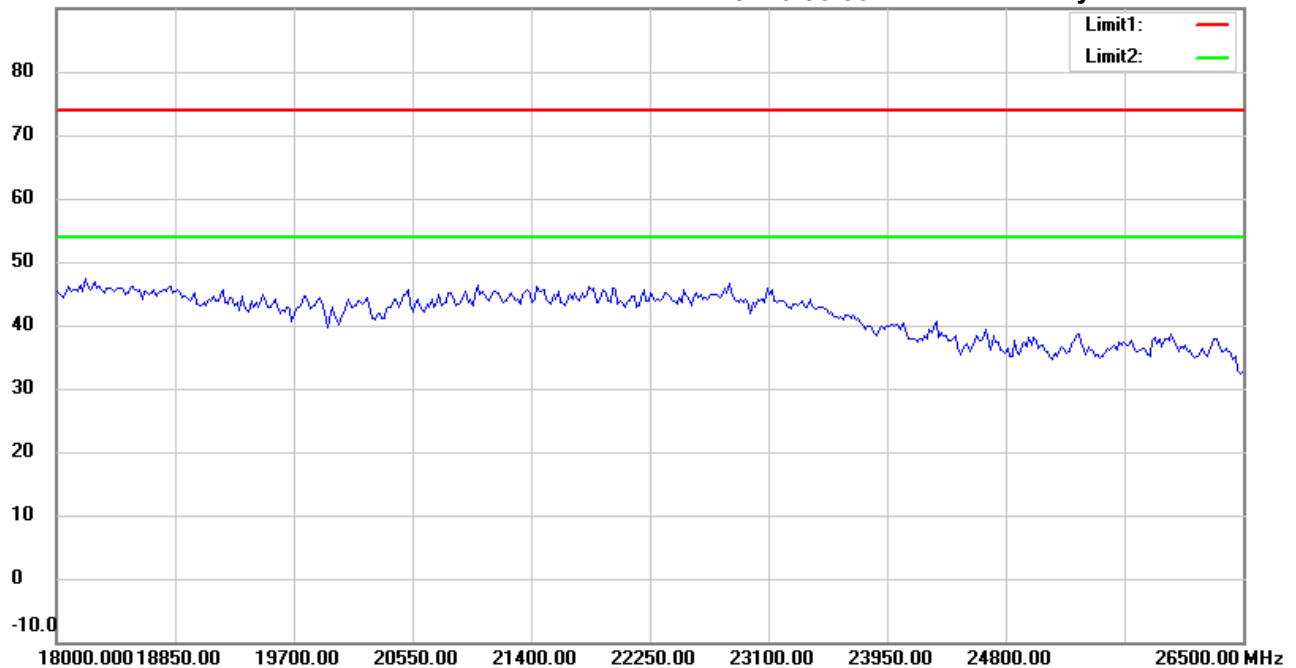
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 10:36:56 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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Radiated Emission Measurement

Operator: Allen

File : 1_WiFi 2

Data : #1

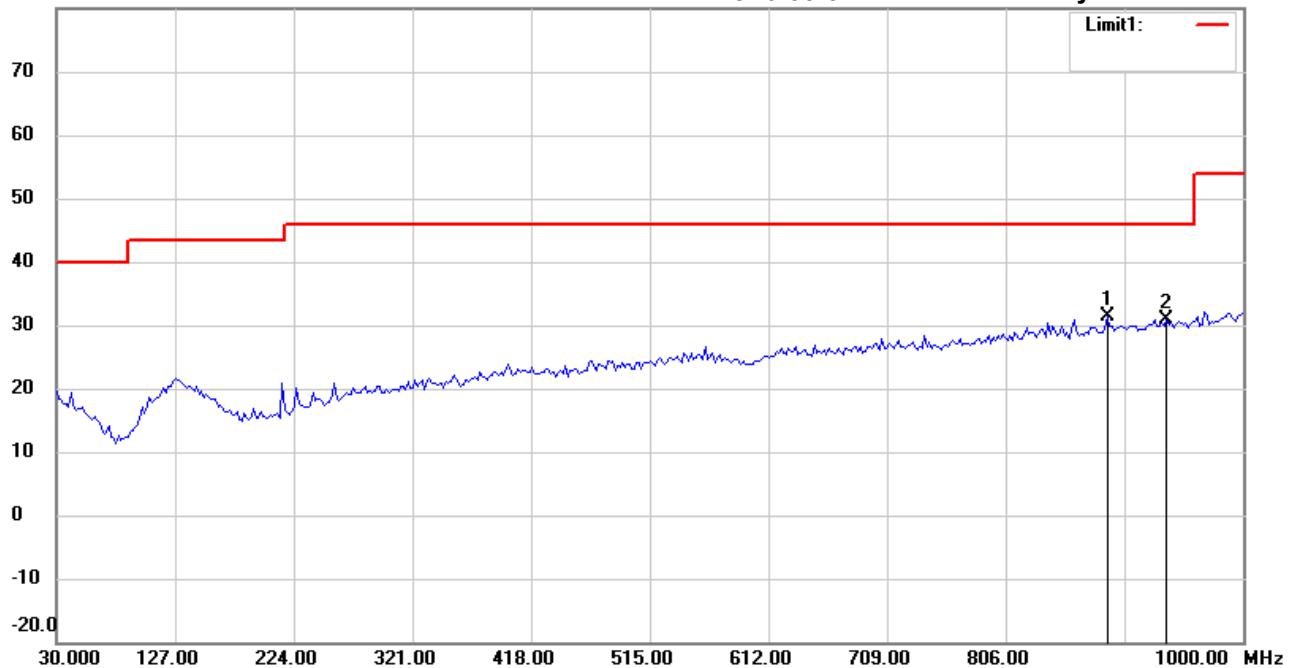
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:35:32 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21911-19475

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
*	889.1984	28.22	peak	3.09	31.31	46.00	100	175	-14.69	
	937.7956	27.01	peak	3.97	30.98	46.00	100	110	-15.02	



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Radiated Emission Measurement

Operator: Allen

File : 1_WiFi 2

Data : #2

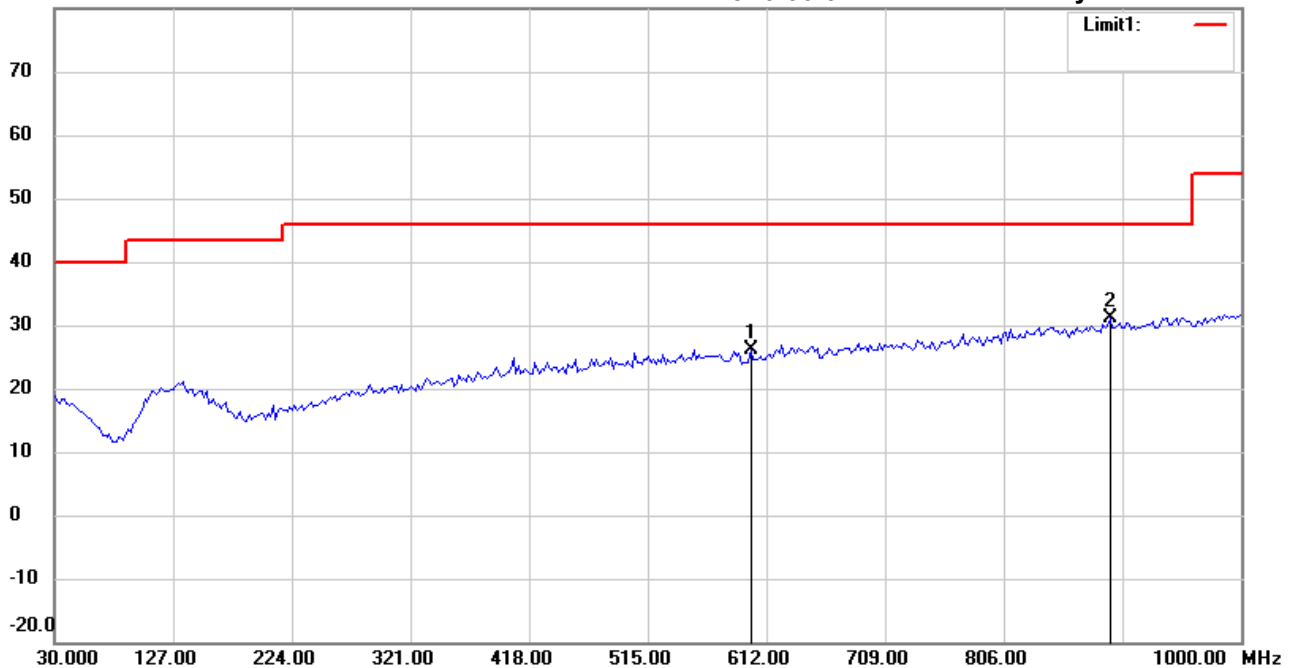
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:36:32 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21911-19475

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
	599.5591	28.27	peak	-2.20	26.07	46.00	100	80	-19.93	
*	893.0862	28.11	peak	3.13	31.24	46.00	100	360	-14.76	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

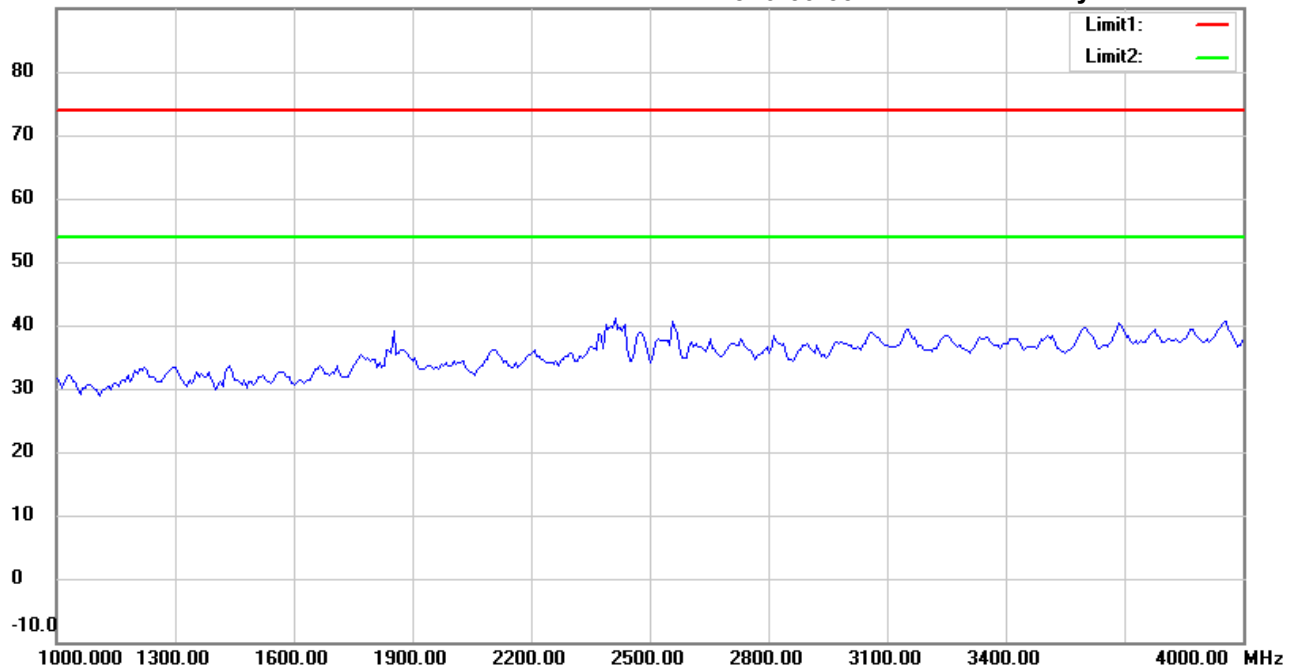
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 9:53:55 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

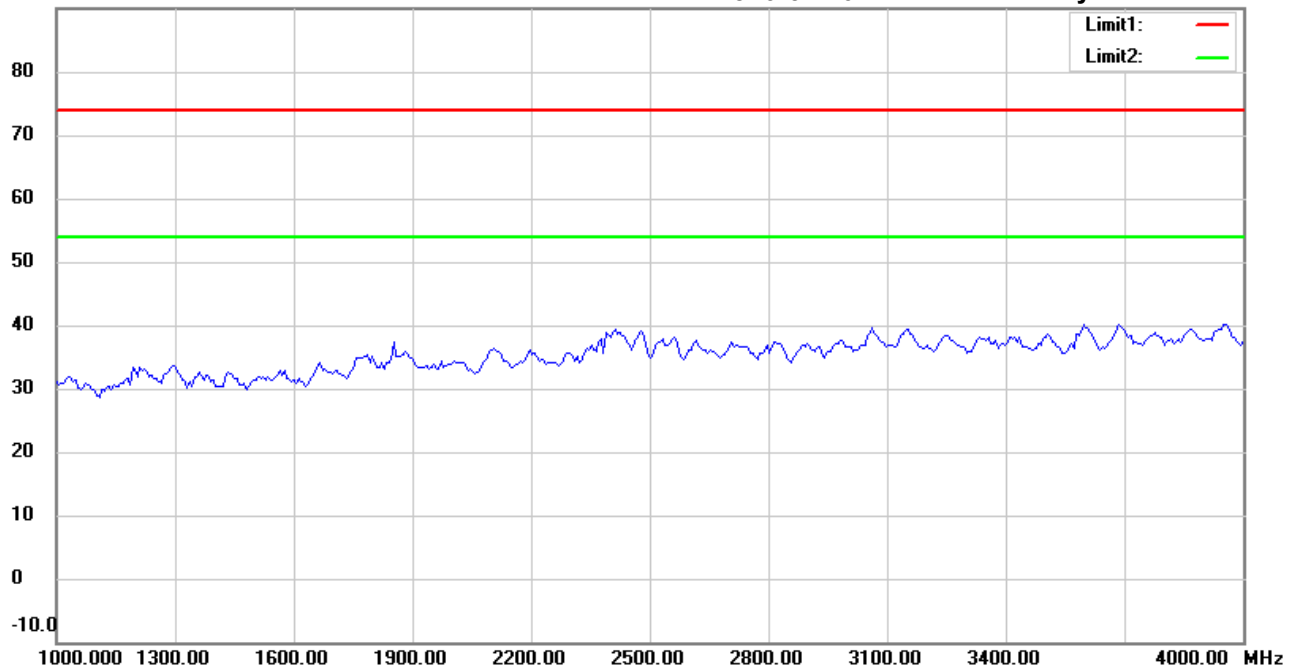
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:57:26 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

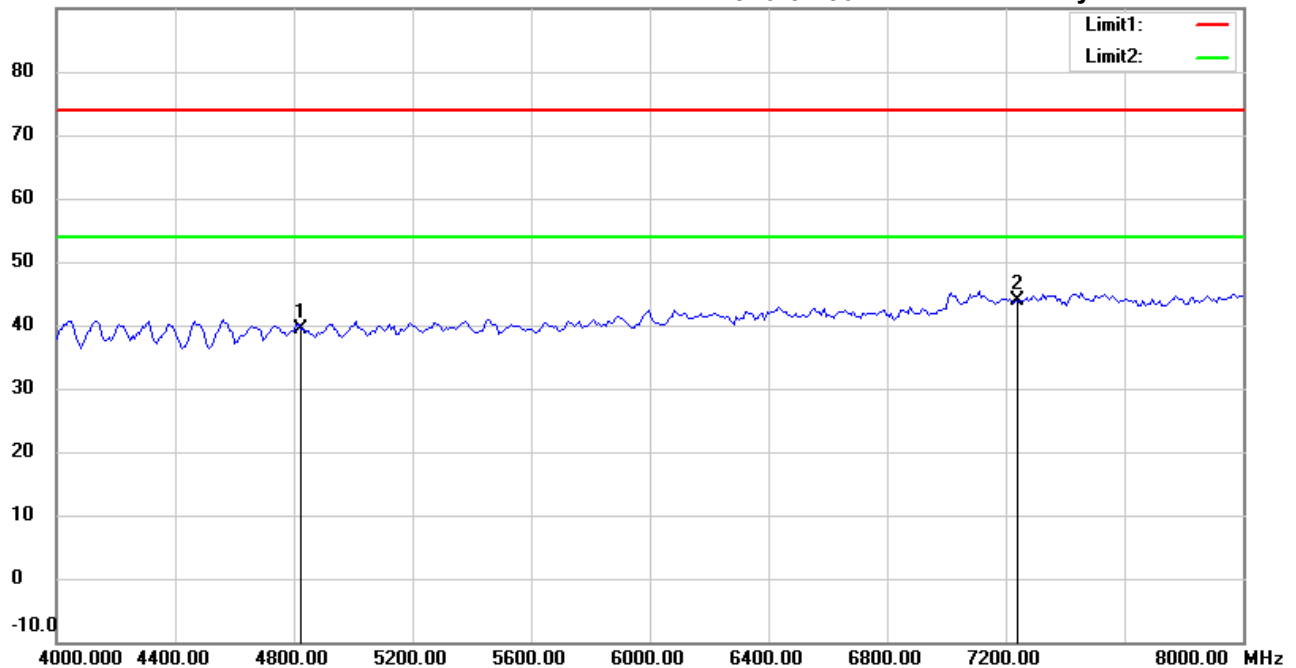
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:54:56 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	41.36	peak	-1.88	39.48	74.00	150	275	-34.52	
*	7236.000	40.57	peak	3.28	43.85	74.00	150	140	-30.15	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

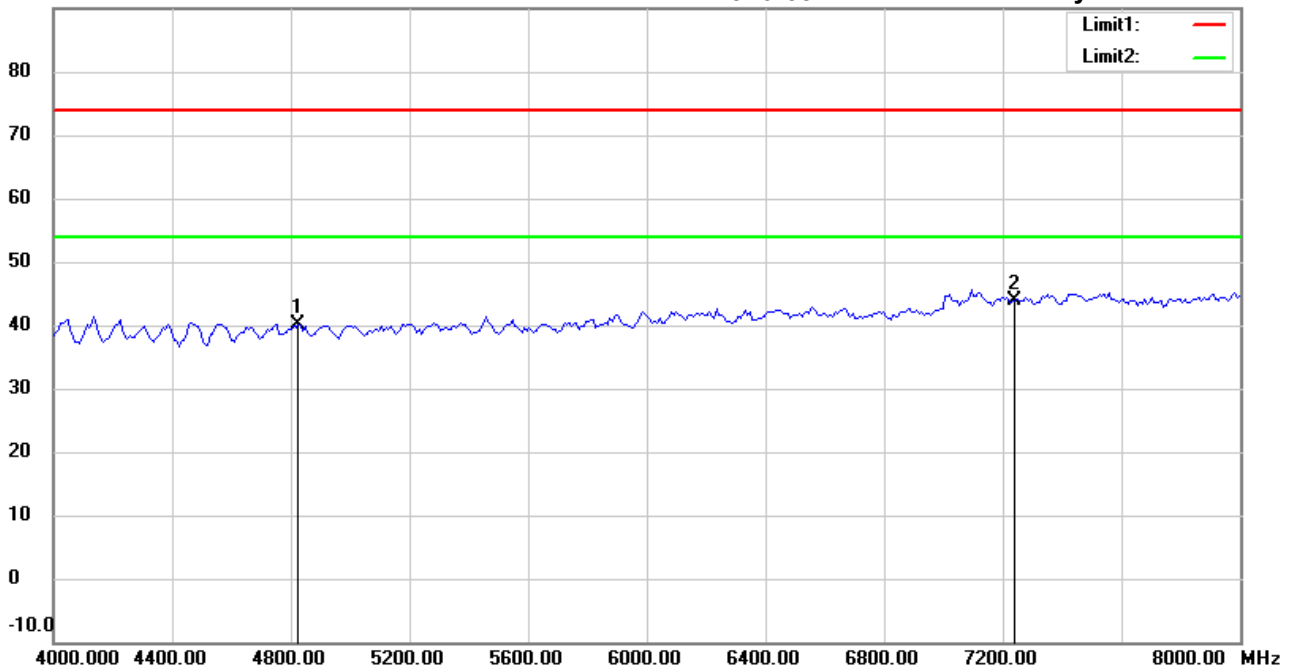
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:58:27 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	42.09	peak	-1.88	40.21	74.00	150	285	-33.79	
*	7236.000	40.71	peak	3.28	43.99	74.00	150	210	-30.01	

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

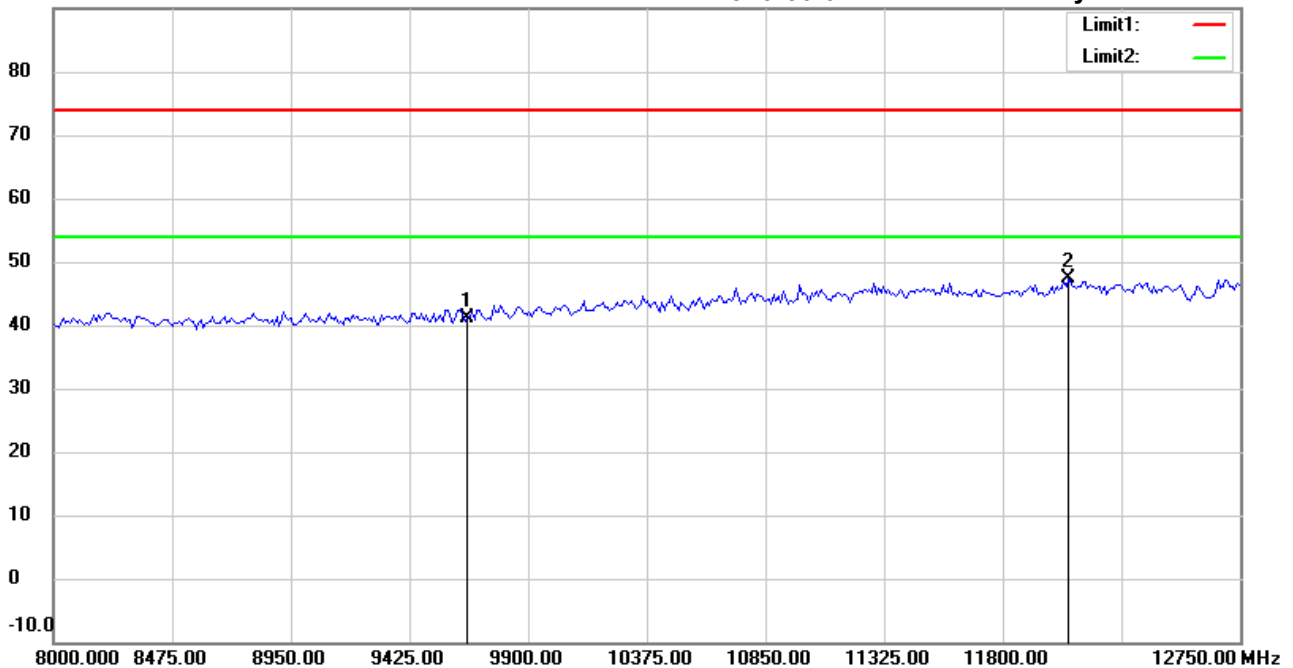
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:56:02 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	34.51	peak	6.60	41.11	74.00	150	63	-32.89	
*	12060.000	35.13	peak	12.21	47.34	74.00	150	255	-26.66	

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



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

Operator: Leon

File :3

Data :#8

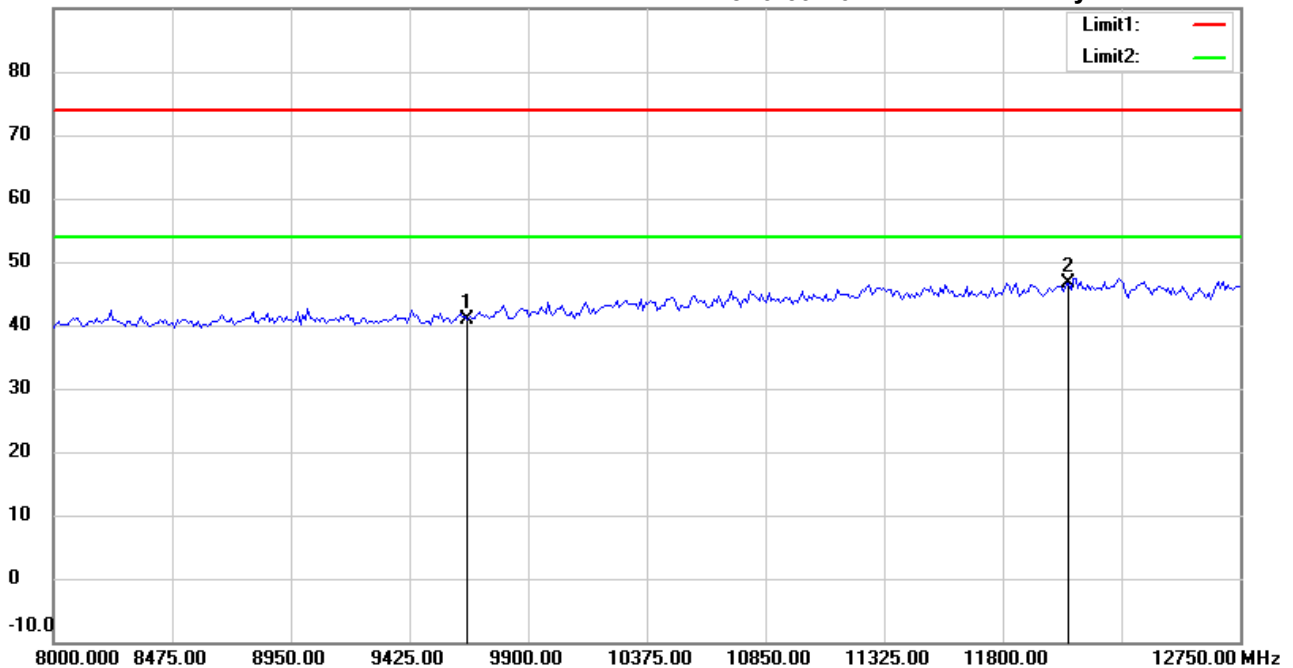
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:59:26 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9648.000	34.37	peak	6.60	40.97	74.00	150	265	-33.03	
*	12060.000	34.43	peak	12.21	46.64	74.00	150	172	-27.36	

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



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

Operator: Leon

File : 3

Data : #4

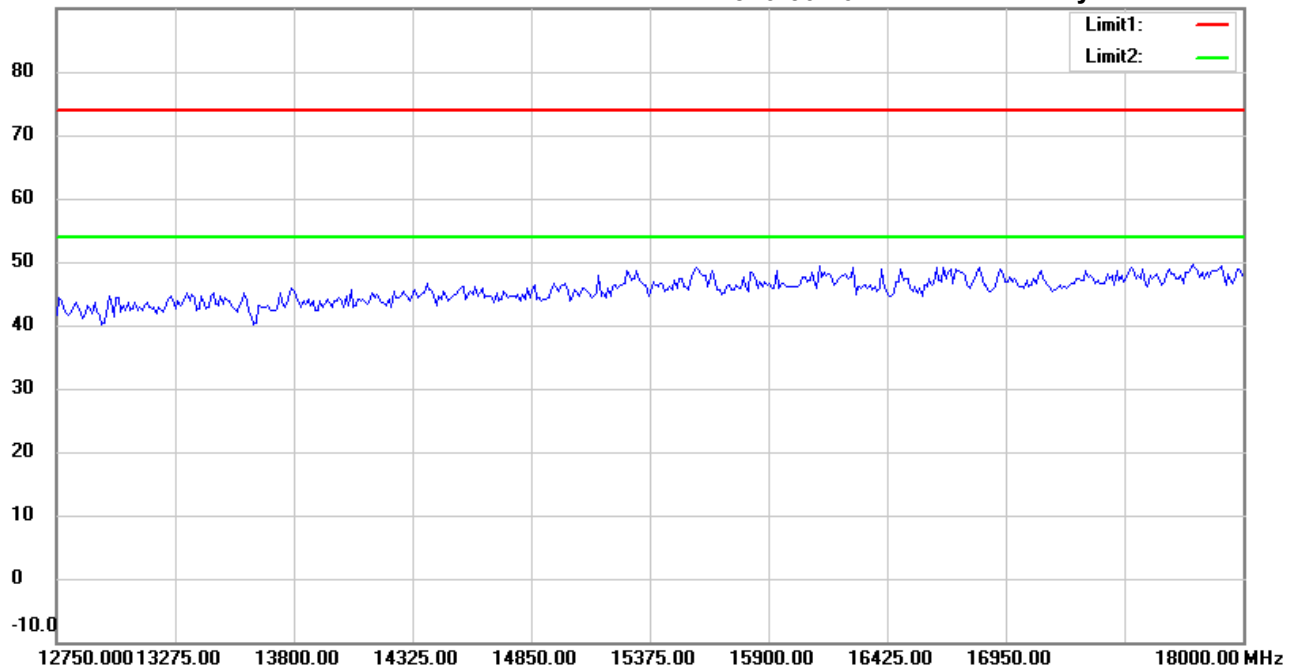
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:56:16 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

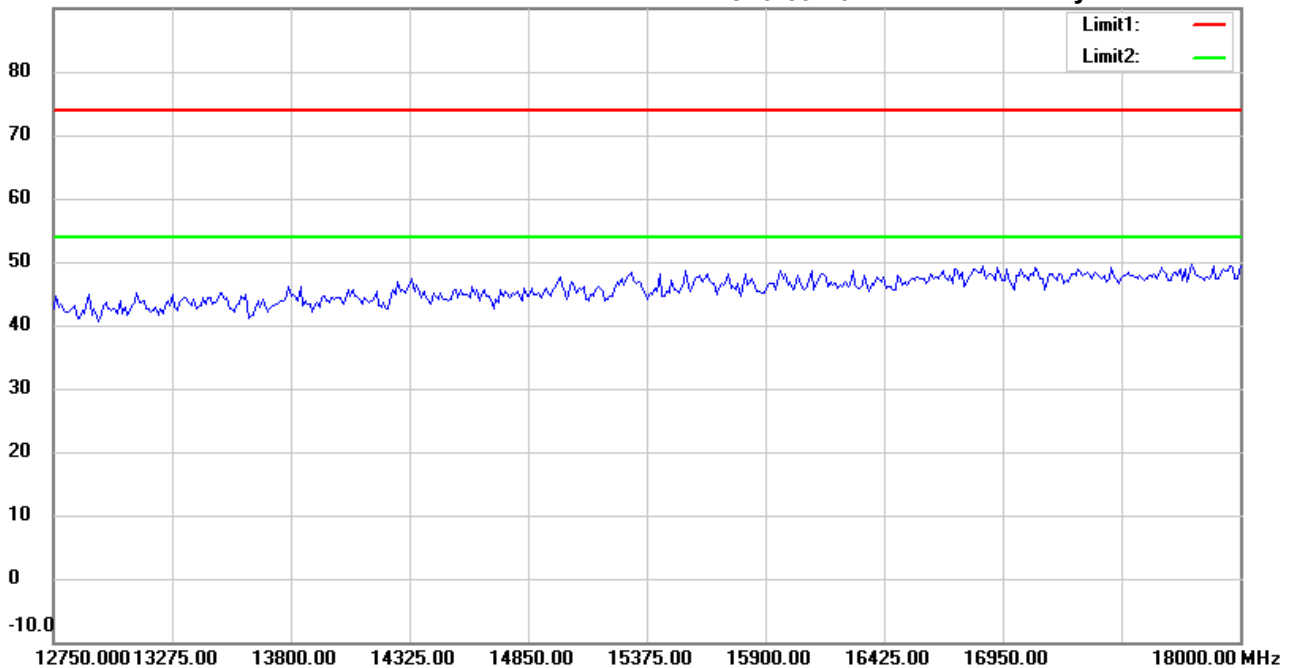
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:59:40 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

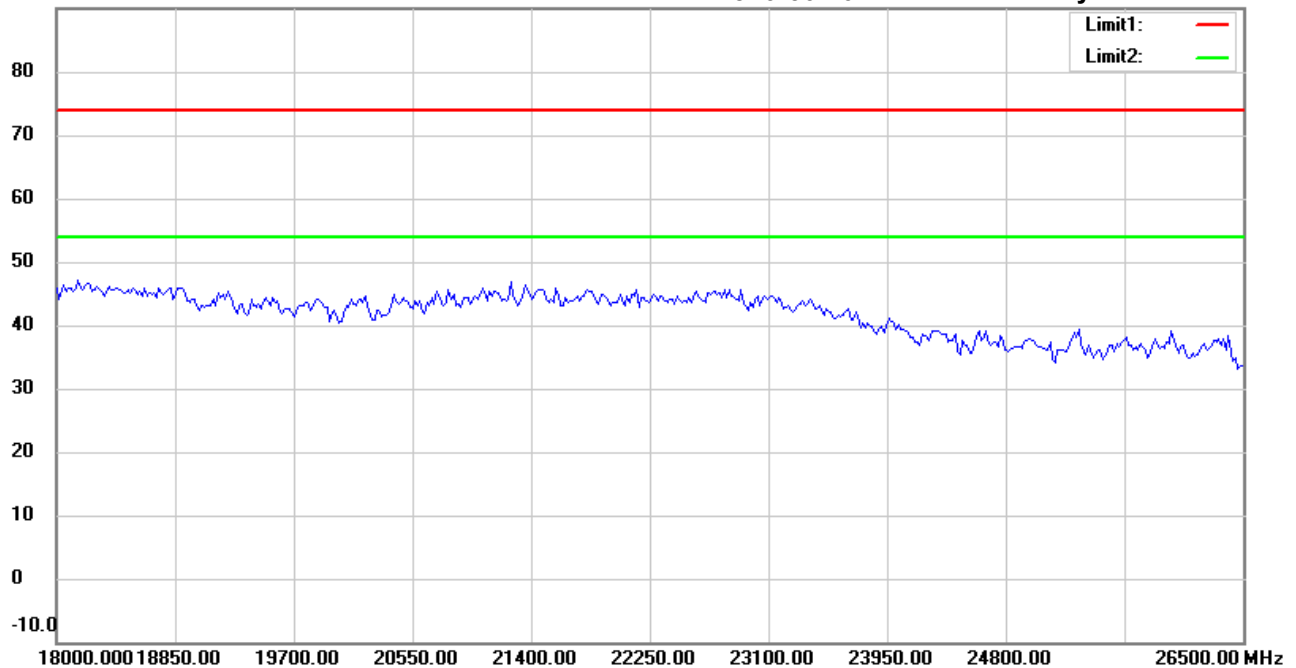
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:56:26 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Operator: Leon

File : 3

Data : #10

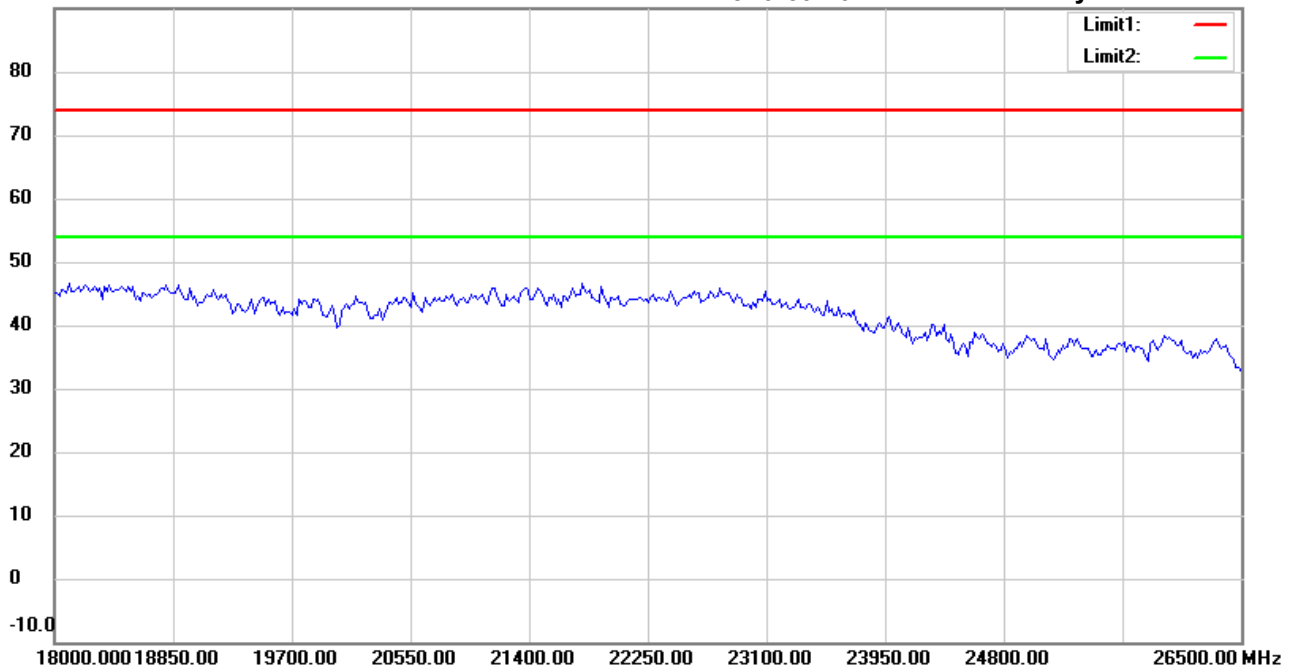
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:59:49 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

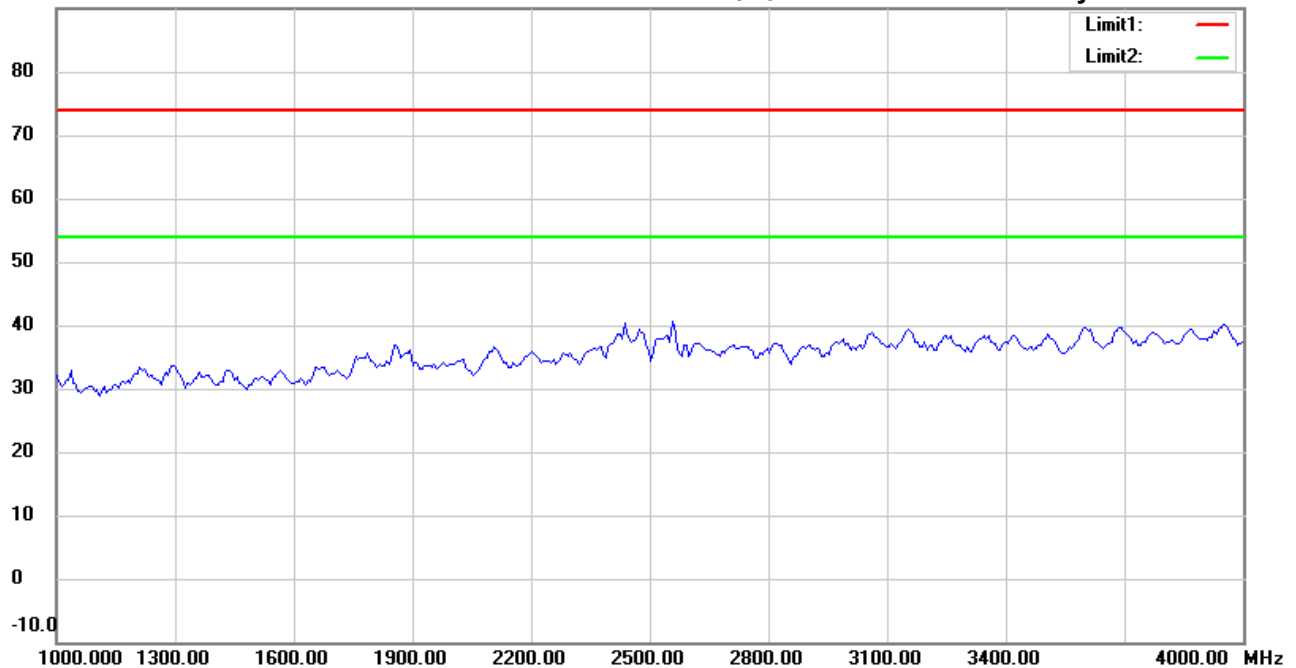
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:44:11 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

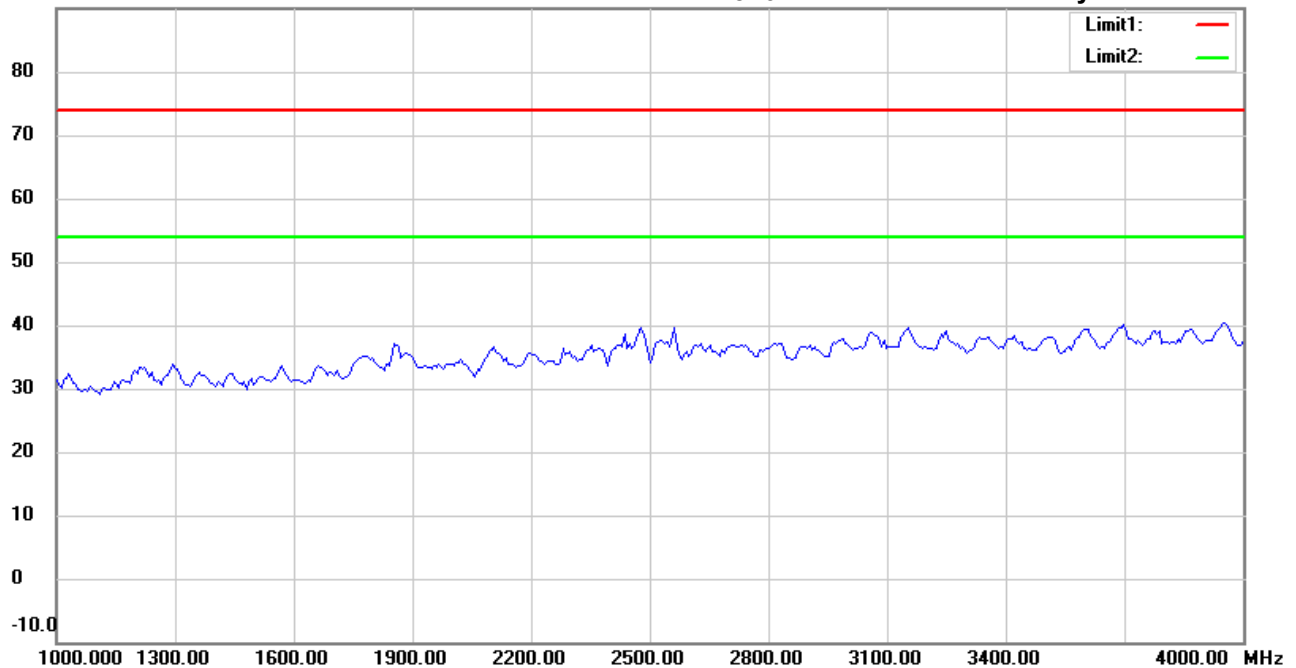
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:47:42 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

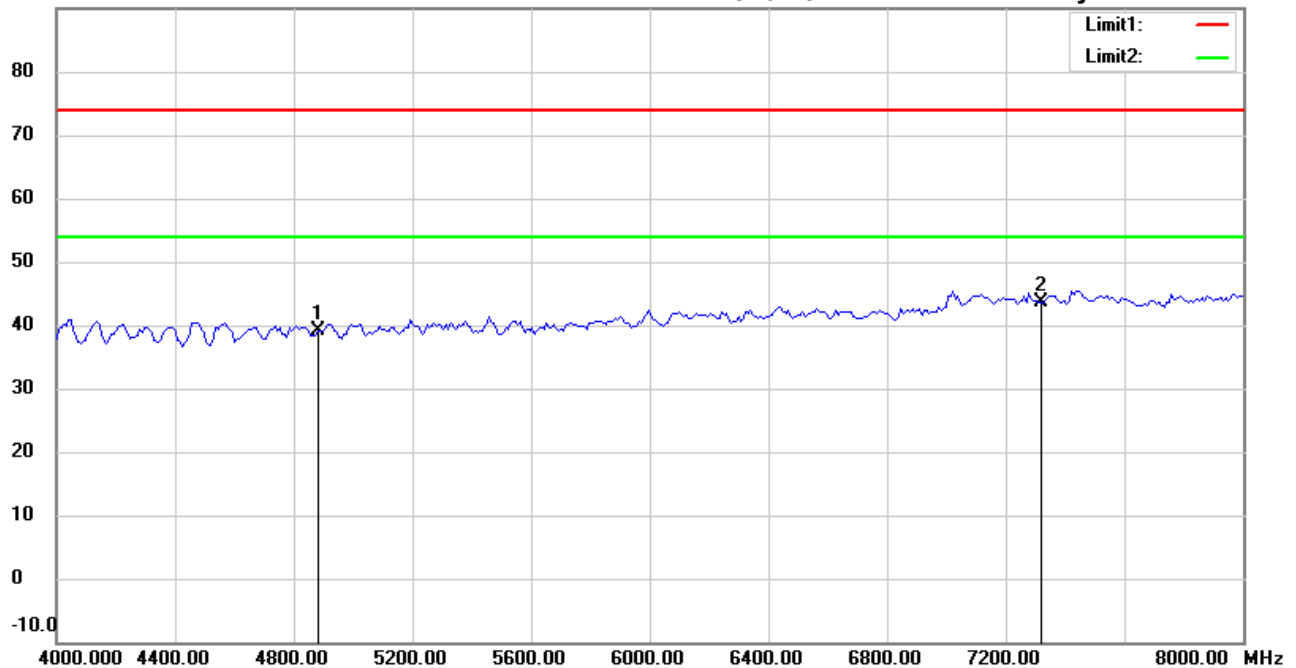
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:45:12 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.82	peak	-1.70	39.12	74.00	150	214	-34.88	
*	7311.000	40.21	peak	3.42	43.63	74.00	150	167	-30.37	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

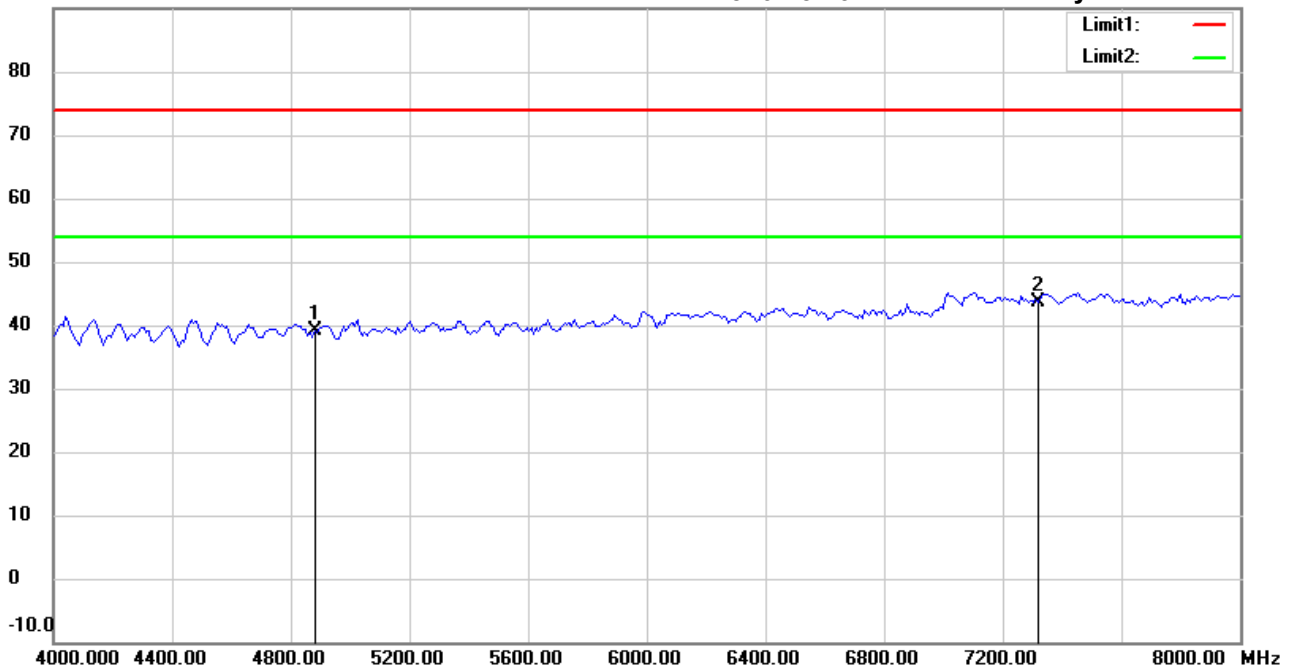
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:48:43 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4874.000	40.81	peak	-1.70	39.11	74.00	150	210	-34.89	
*	7311.000	40.28	peak	3.42	43.70	74.00	150	173	-30.30	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

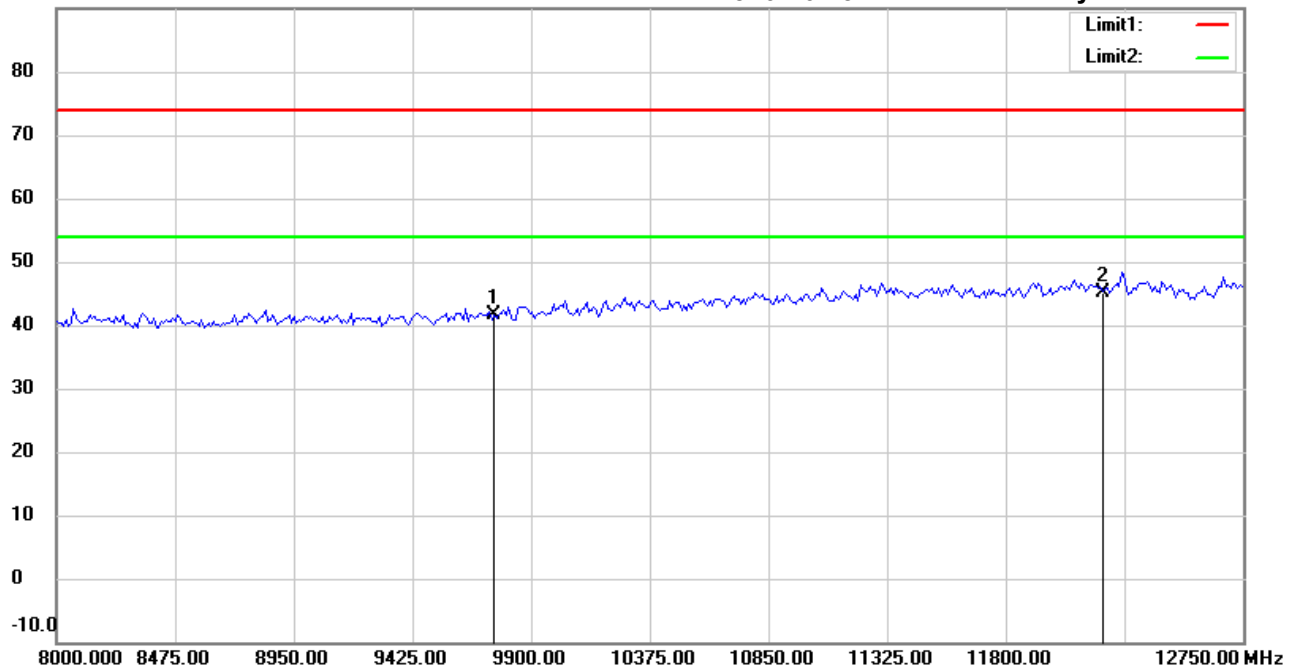
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:46:18 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH6

Polarization: **Horizontal**

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
	9748.000	34.77	peak	6.75	41.52	74.00	150	96	-32.48	
*	12185.000	32.42	peak	12.83	45.25	74.00	150	235	-28.75	

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



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

Operator: Leon

File :3

Data :#8

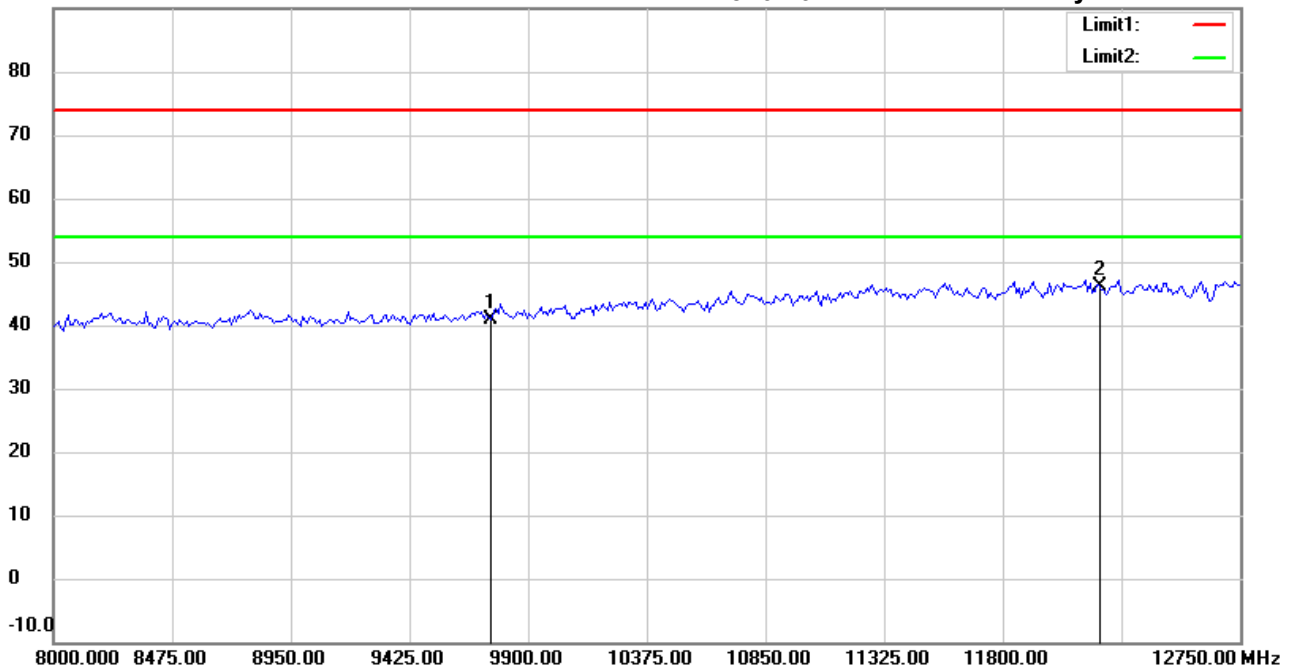
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:49:42 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9748.000	34.11	peak	6.75	40.86	74.00	150	86	-33.14	
*	12185.000	33.38	peak	12.83	46.21	74.00	150	247	-27.79	

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



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

Operator: Leon

File : 3

Data : #4

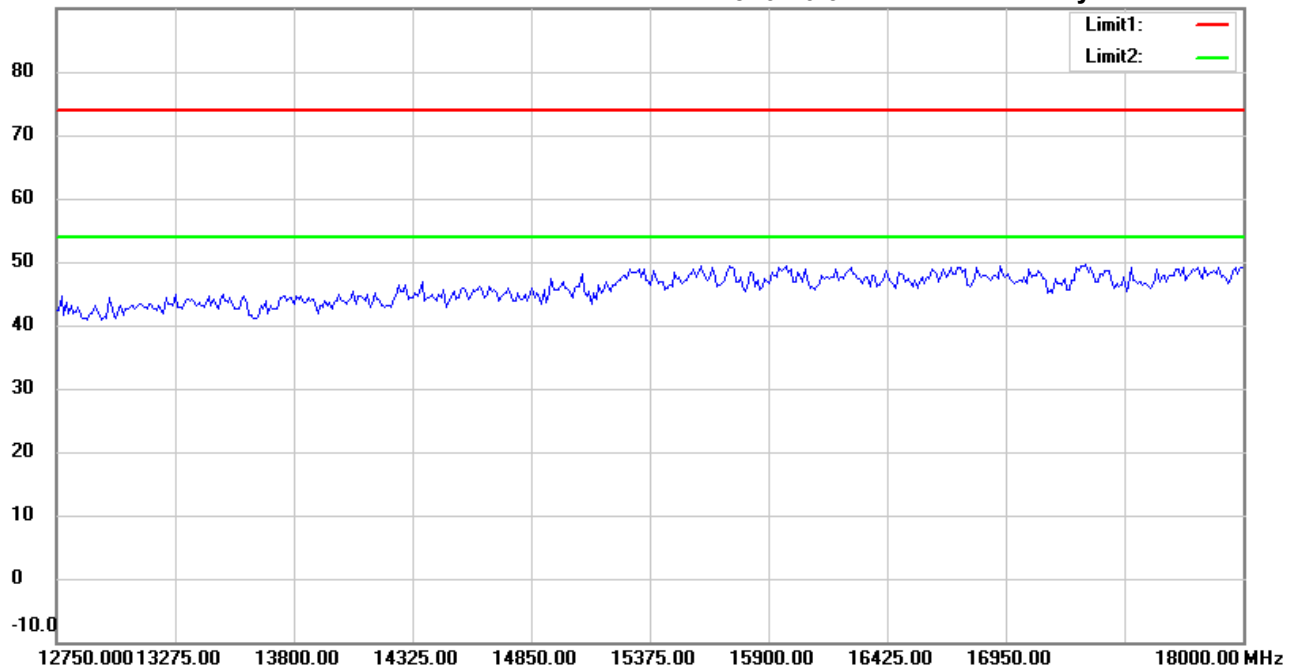
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:46:32 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

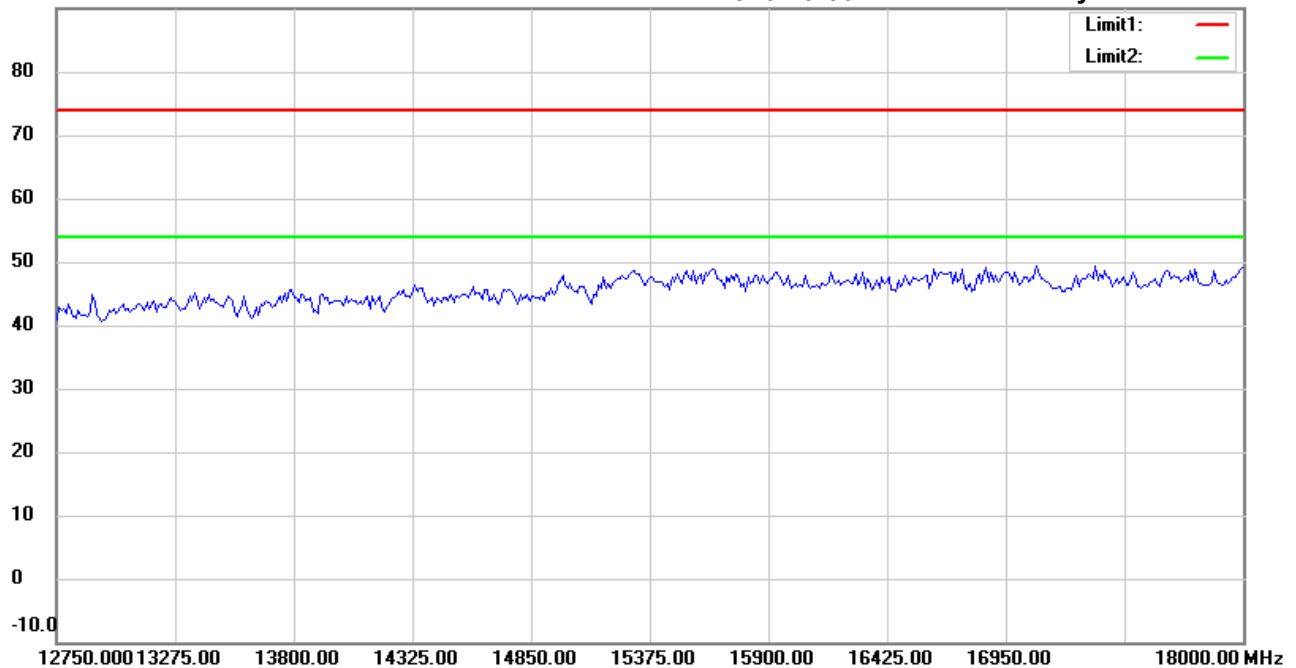
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:49:56 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #5

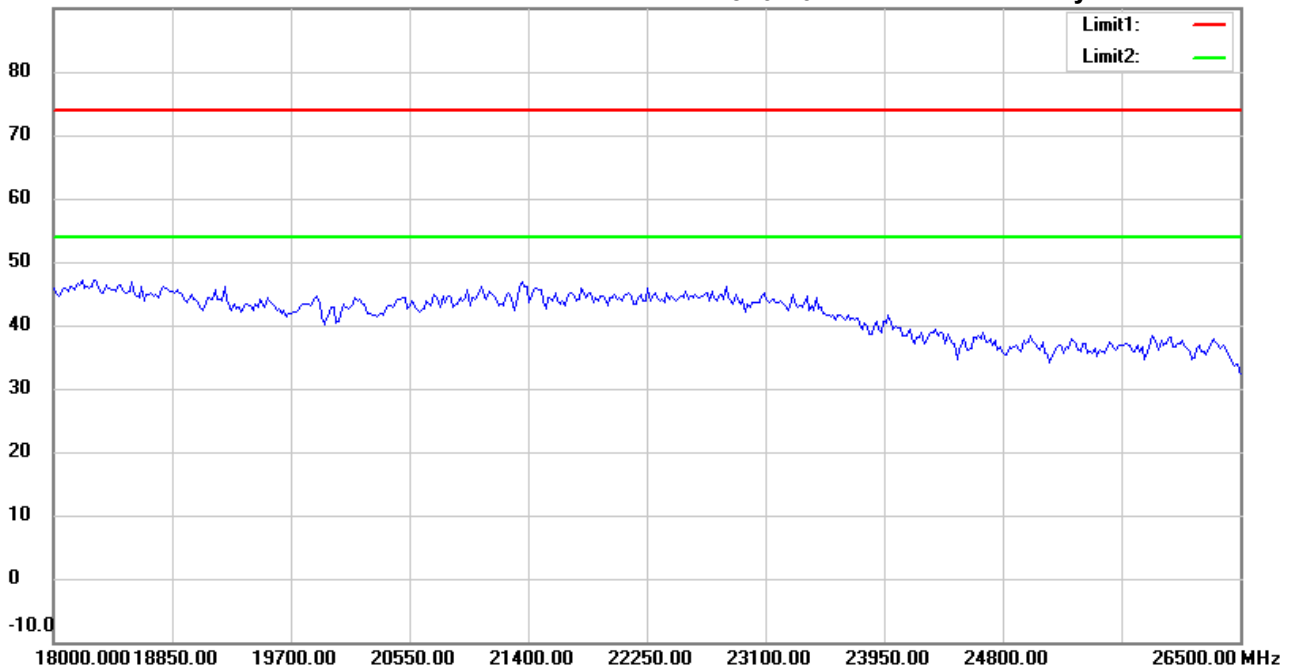
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:46:42 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

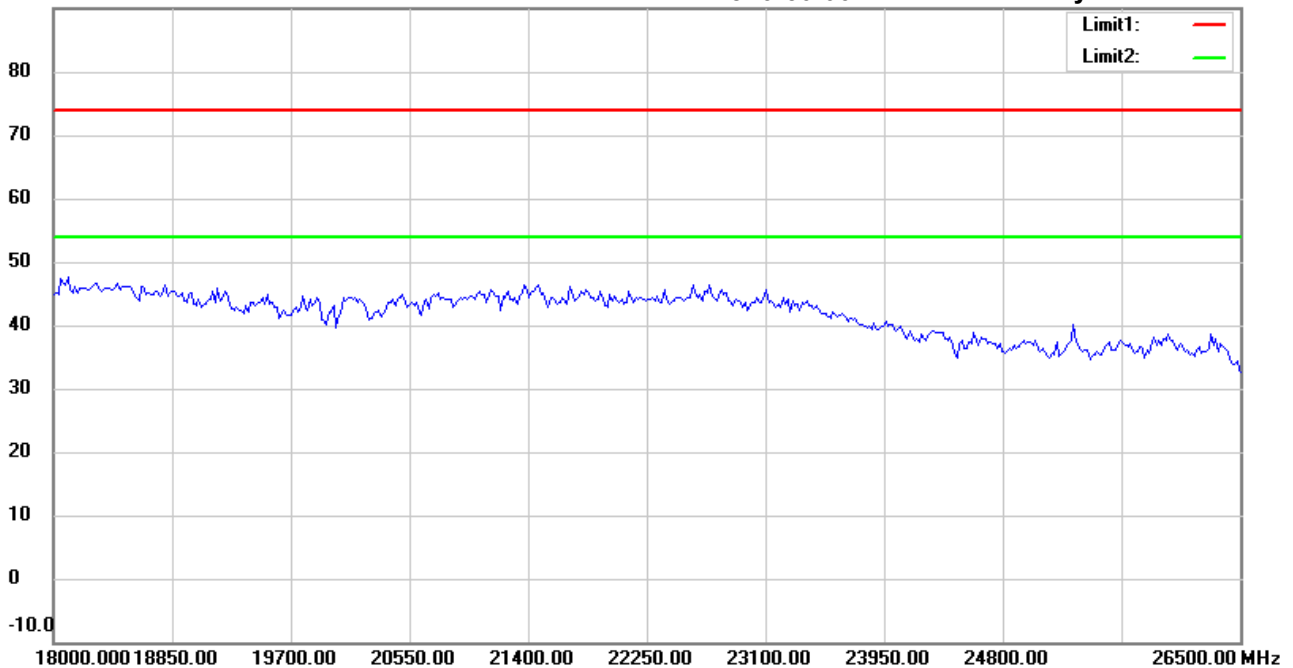
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:50:06 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Operator: Leon

File :3

Data :#1

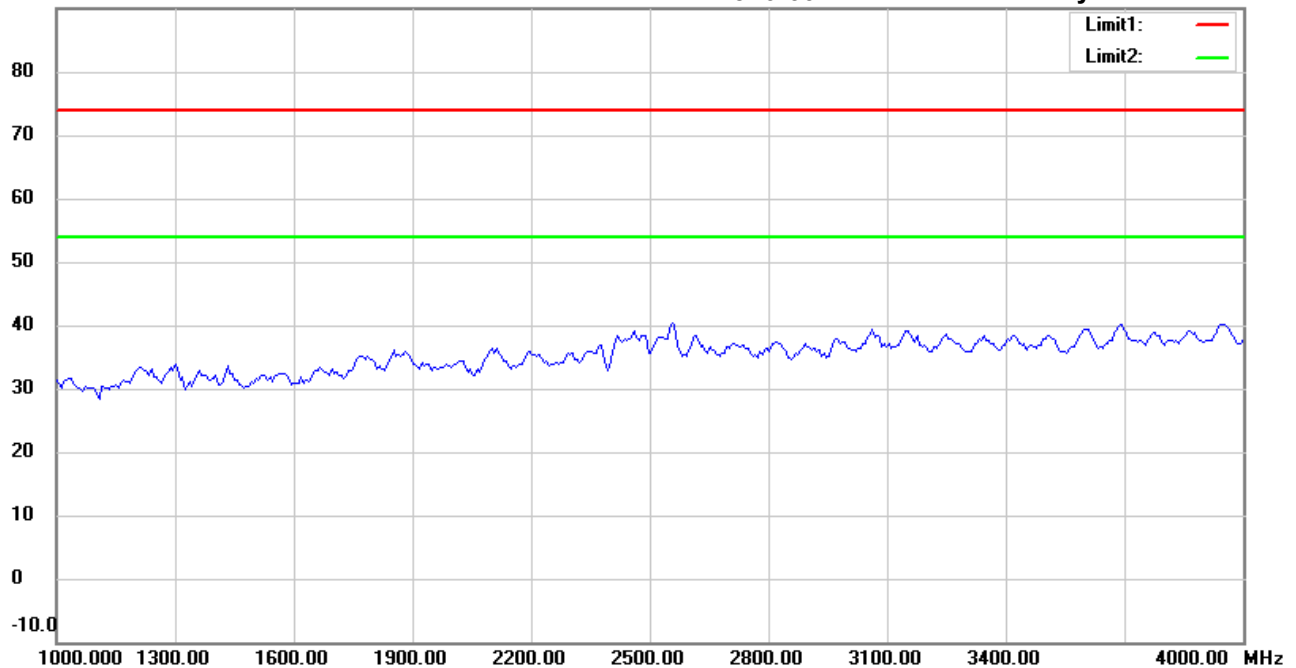
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 9:33:17 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

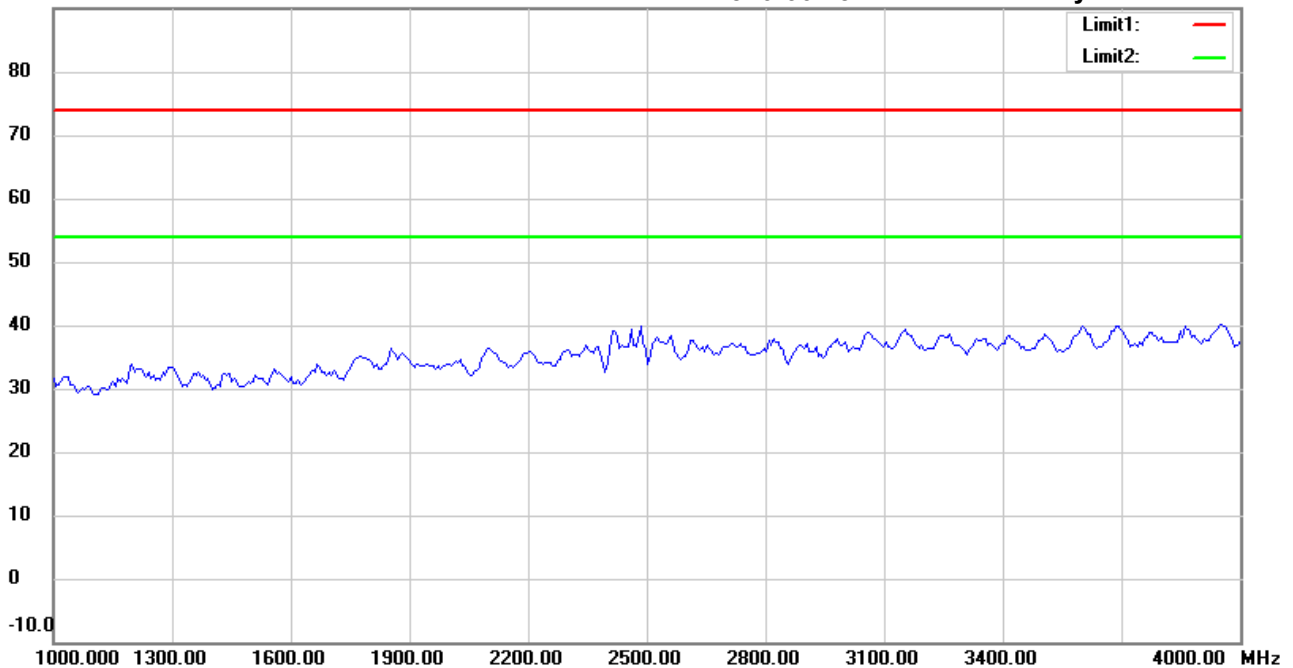
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:36:48 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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, Neihsu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

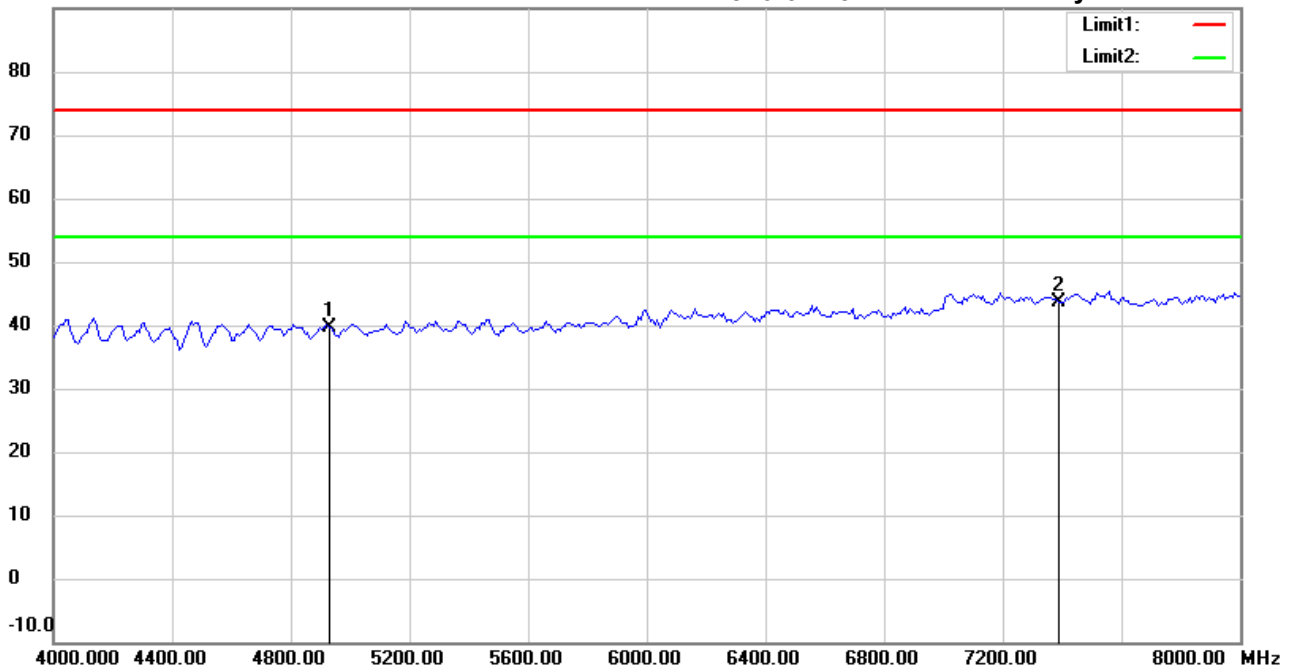
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:34:18 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4924.000	41.19	peak	-1.51	39.68	74.00	150	65	-34.32	
*	7386.000	39.97	peak	3.72	43.69	74.00	150	239	-30.31	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

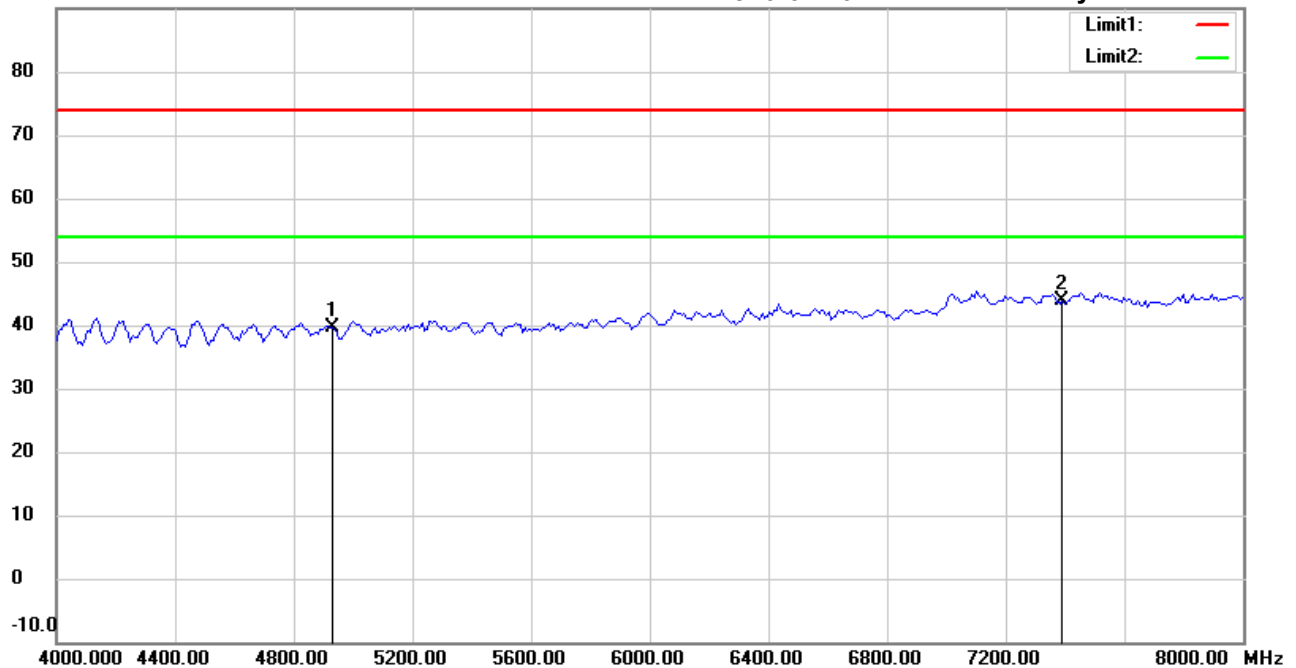
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:37:49 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4924.000	41.16	peak	-1.51	39.65	74.00	150	217	-34.35	
*	7386.000	40.06	peak	3.72	43.78	74.00	150	43	-30.22	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

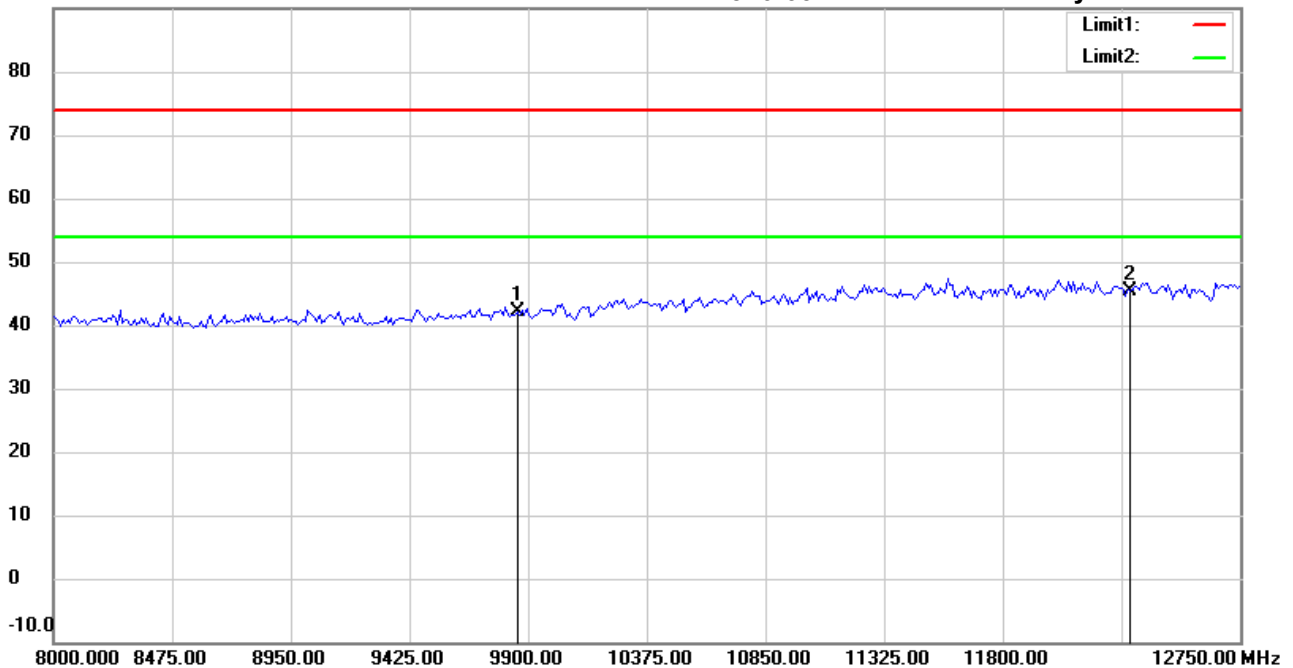
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:35:24 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.18	peak	6.96	42.14	74.00	150	275	-31.86	
*	12310.000	33.18	peak	12.18	45.36	74.00	150	140	-28.64	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

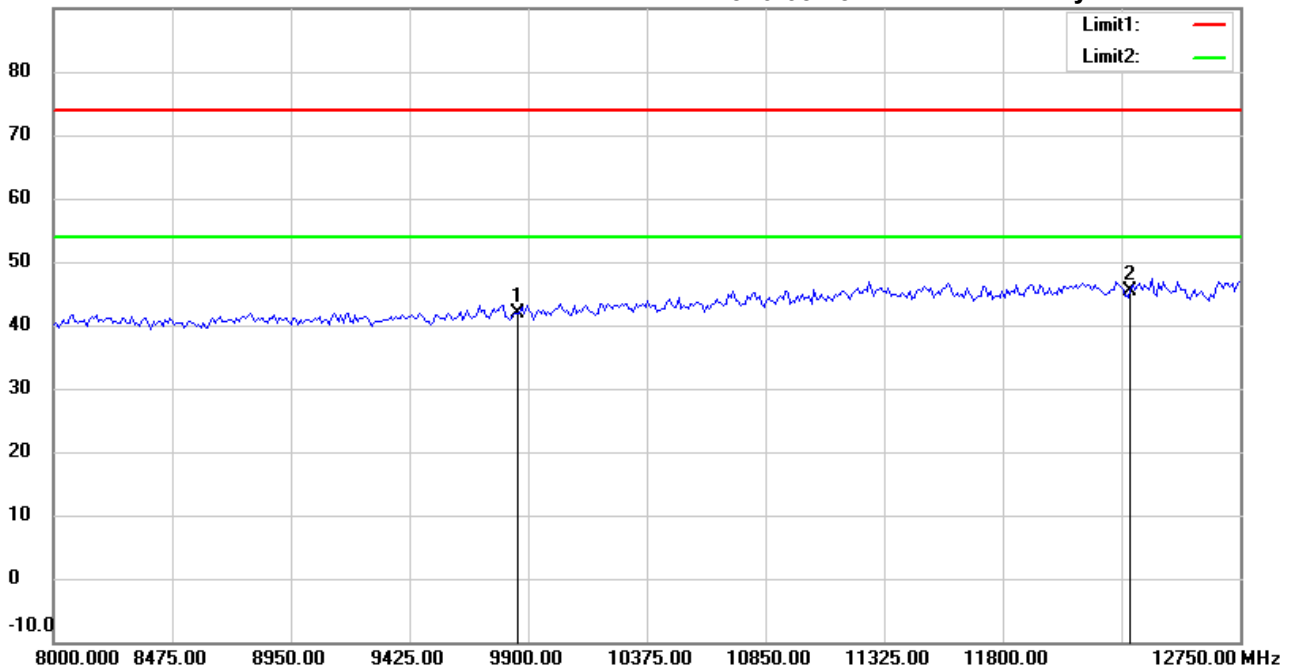
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:38:48 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9848.000	34.99	peak	6.96	41.95	74.00	150	236	-32.05	
*	12310.000	33.21	peak	12.18	45.39	74.00	150	195	-28.61	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

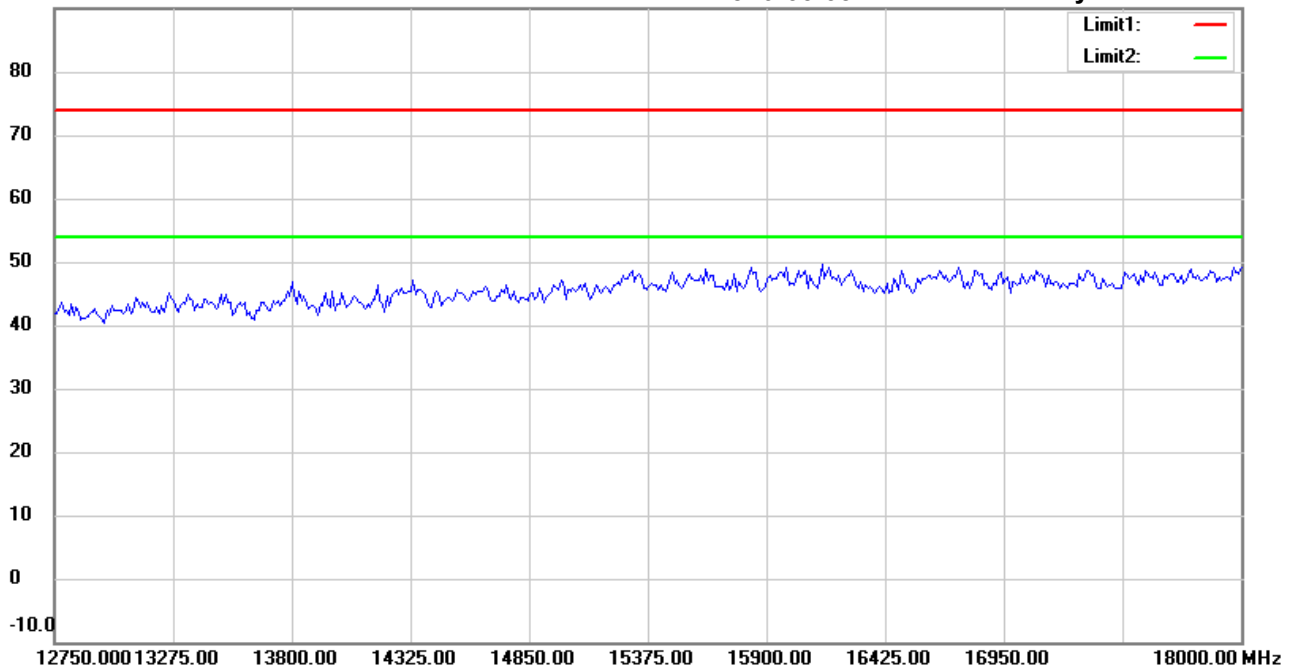
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:35:38 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

Operator: Leon

File : 3

Data : #9

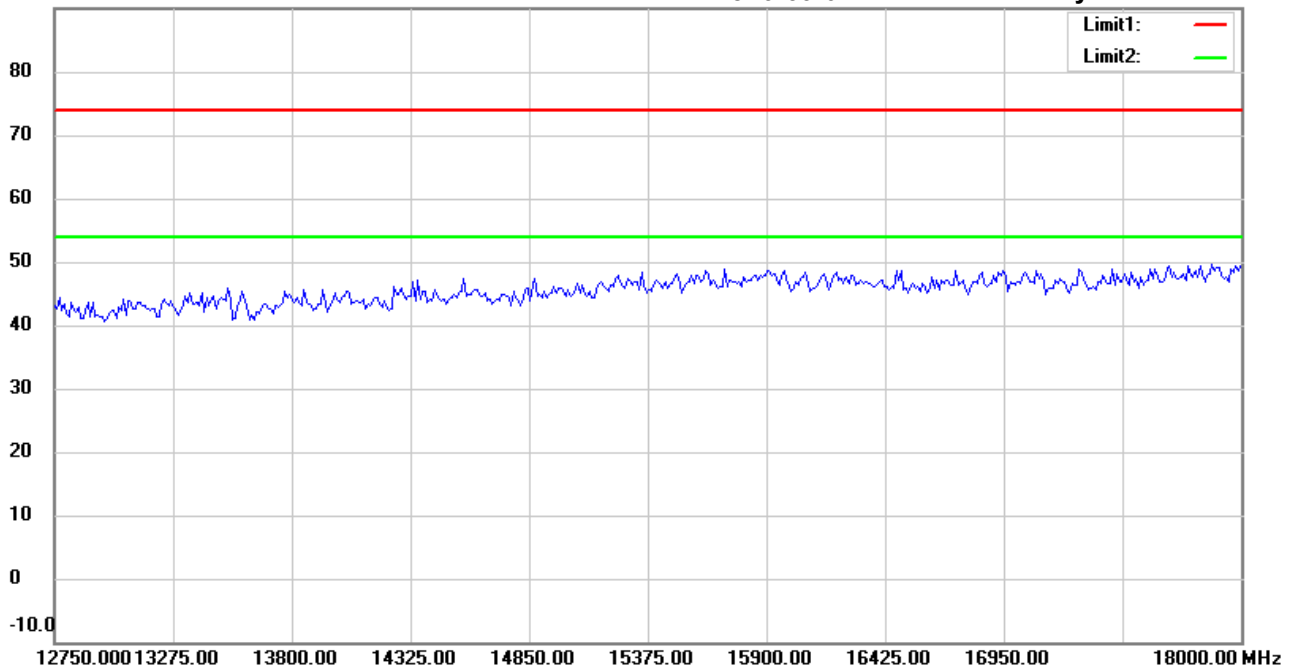
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:39:02 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #5

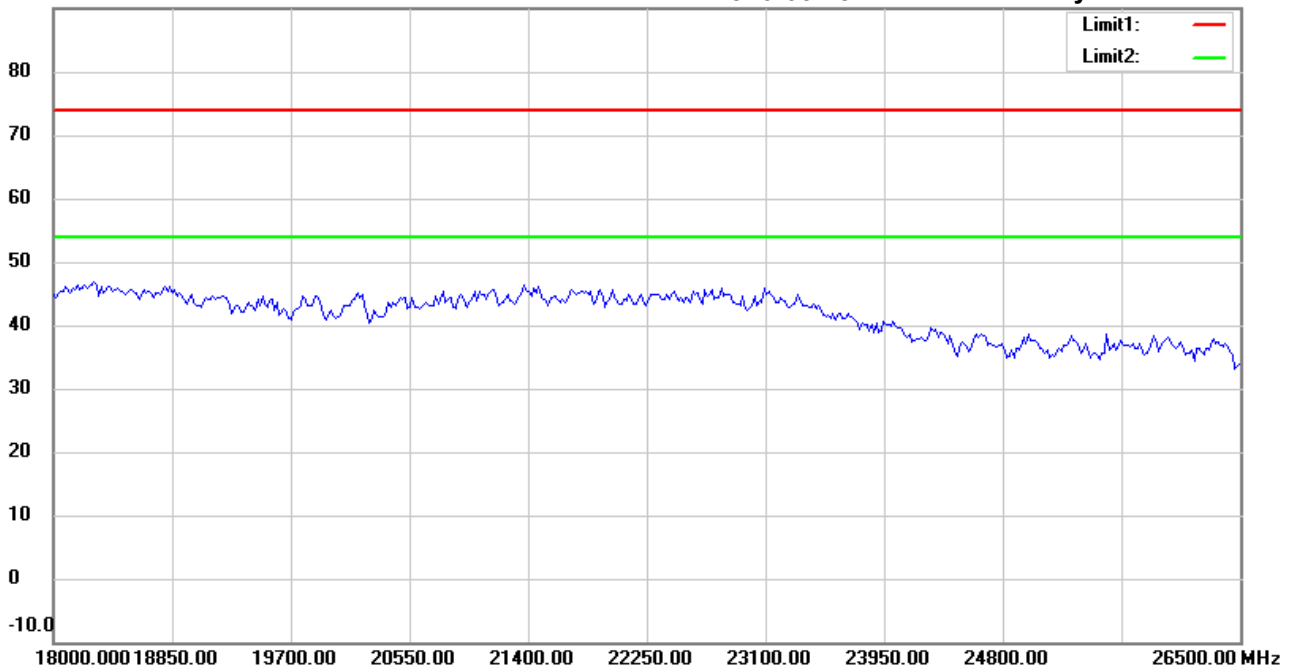
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:35:48 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Operator: Leon

File : 3

Data : #10

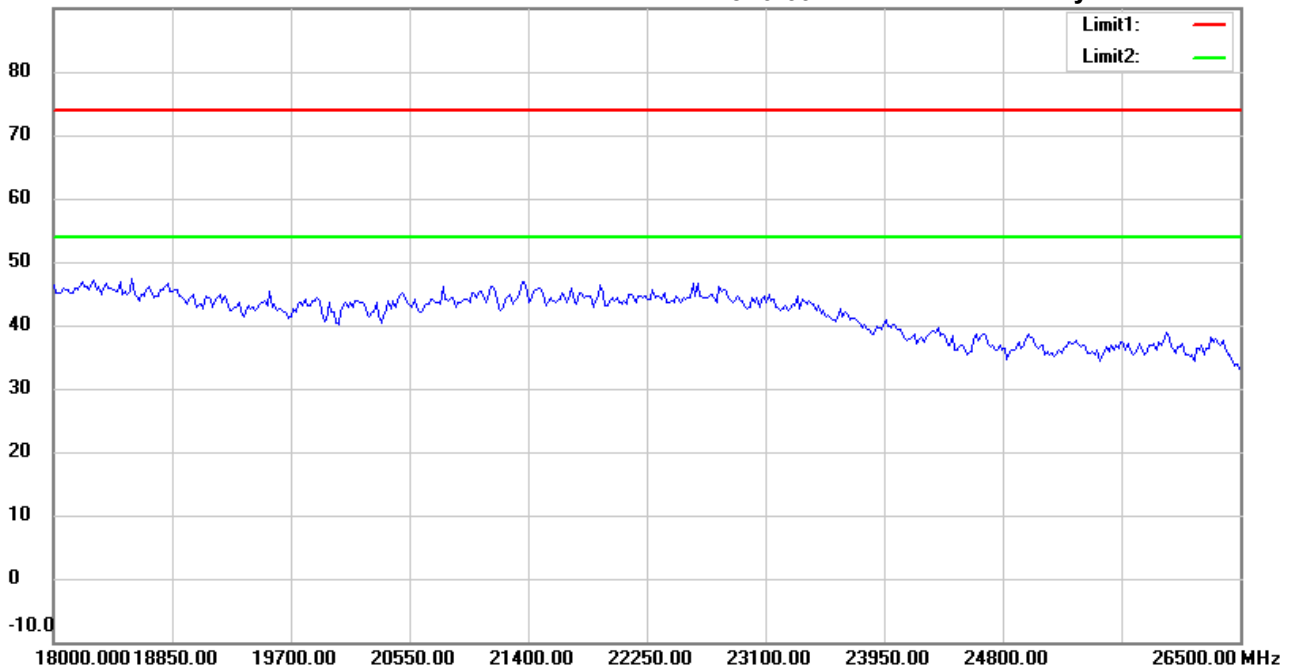
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 9:39:12 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

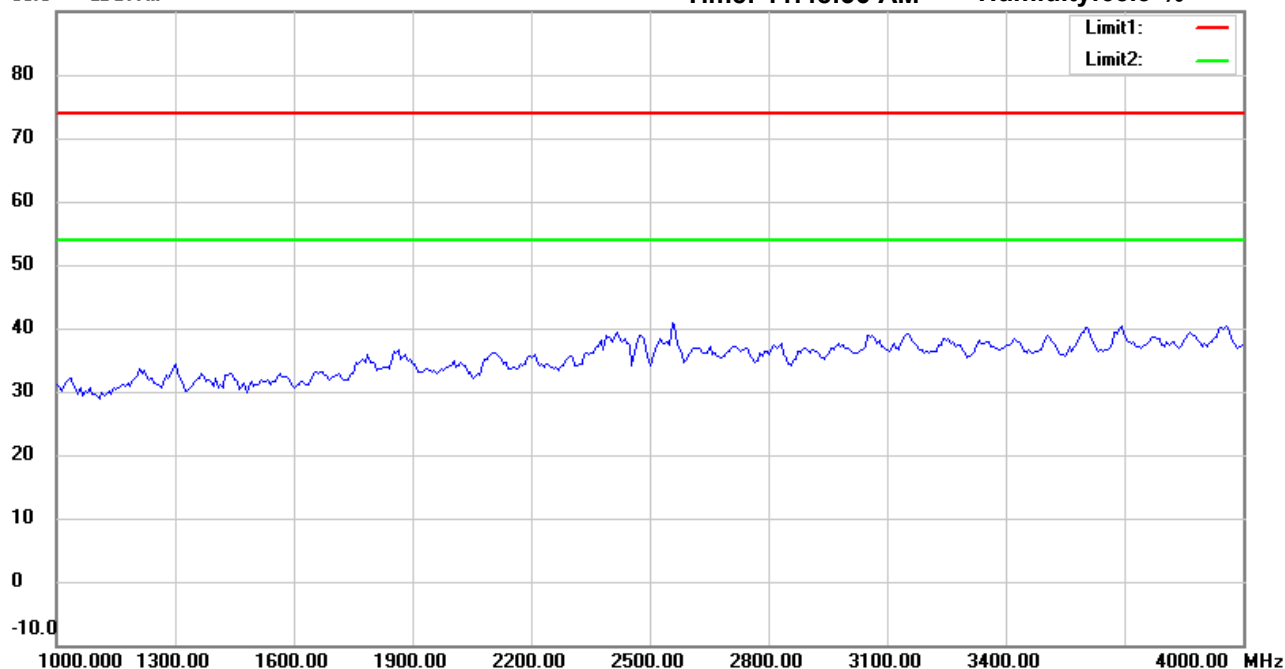
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:48:36 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21911-19475

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g 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
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Address: 6F., No. 58, Ln 188, Ruey Kuang Rd, NeiHu, Taipei
Tel: +886-2-6606-8877
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

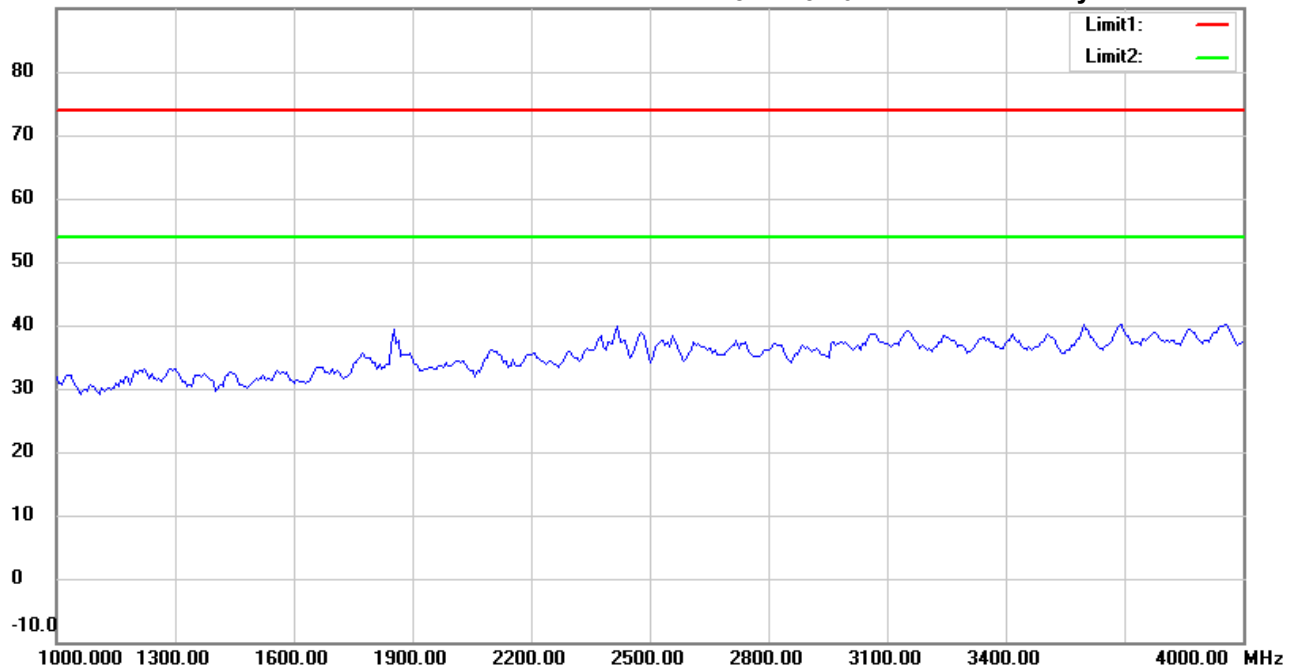
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:52:07 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #2

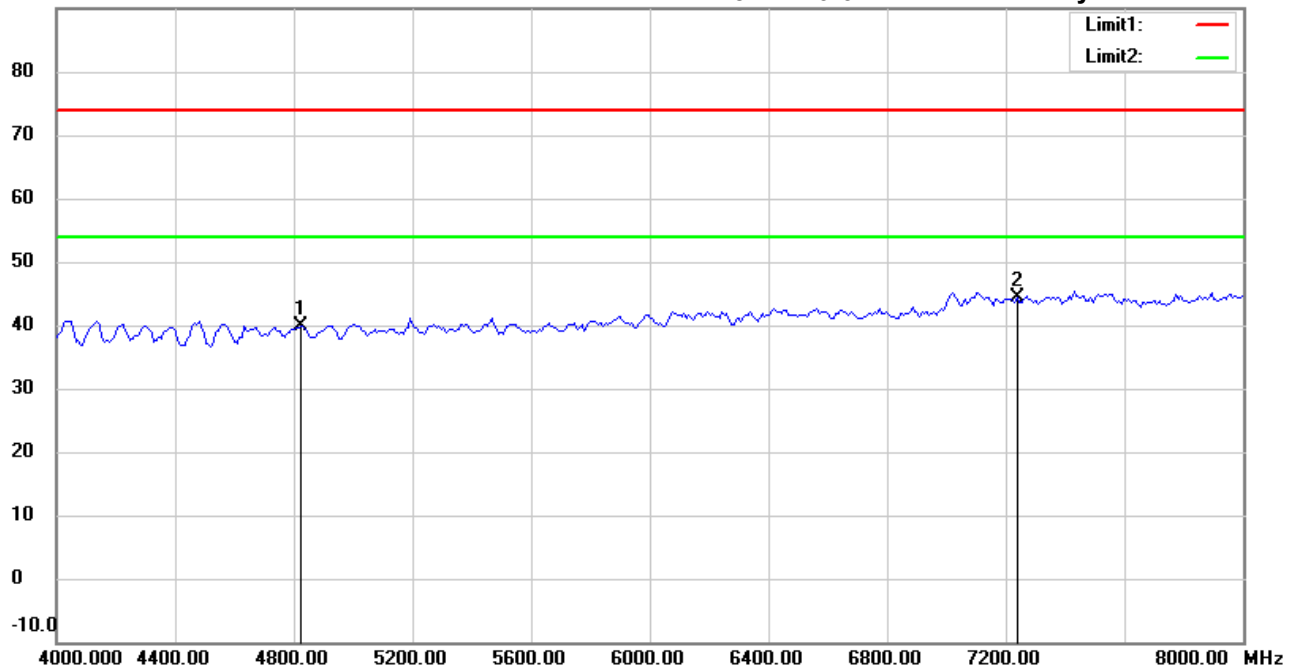
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:49:37 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	41.83	peak	-1.88	39.95	74.00	150	57	-34.05	
*	7236.000	41.07	peak	3.28	44.35	74.00	150	240	-29.65	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

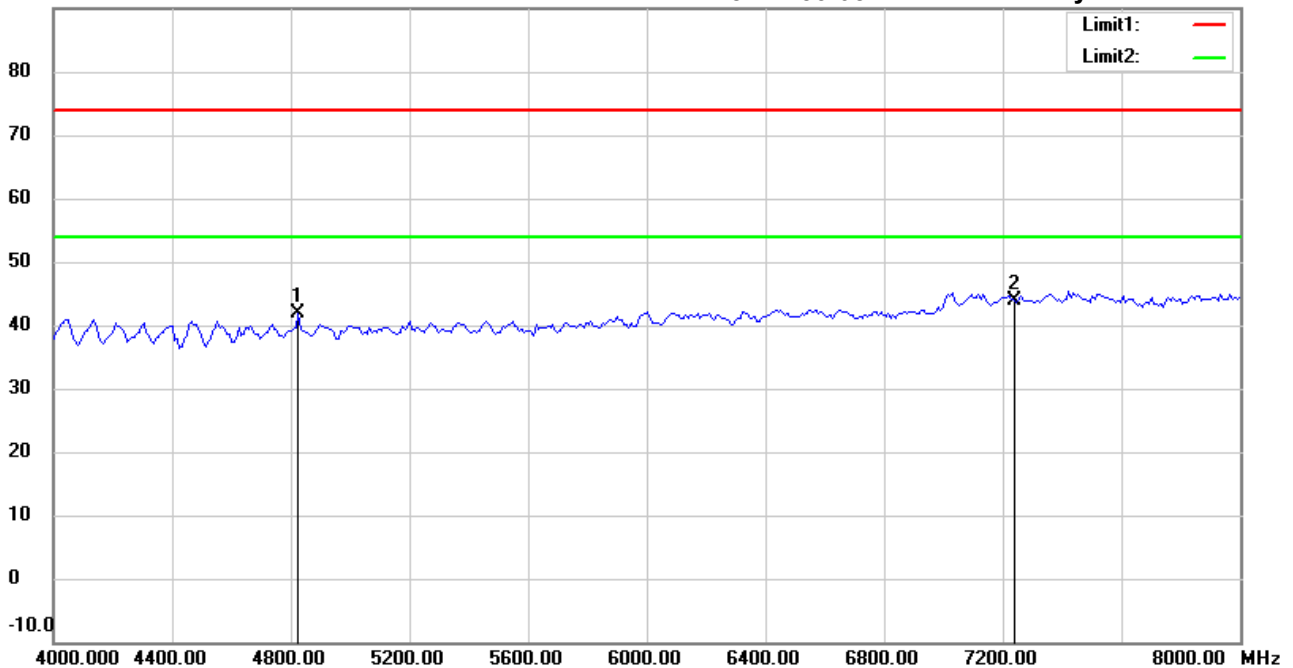
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:53:08 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	43.75	peak	-1.88	41.87	74.00	150	155	-32.13	
*	7236.000	40.54	peak	3.28	43.82	74.00	150	263	-30.18	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

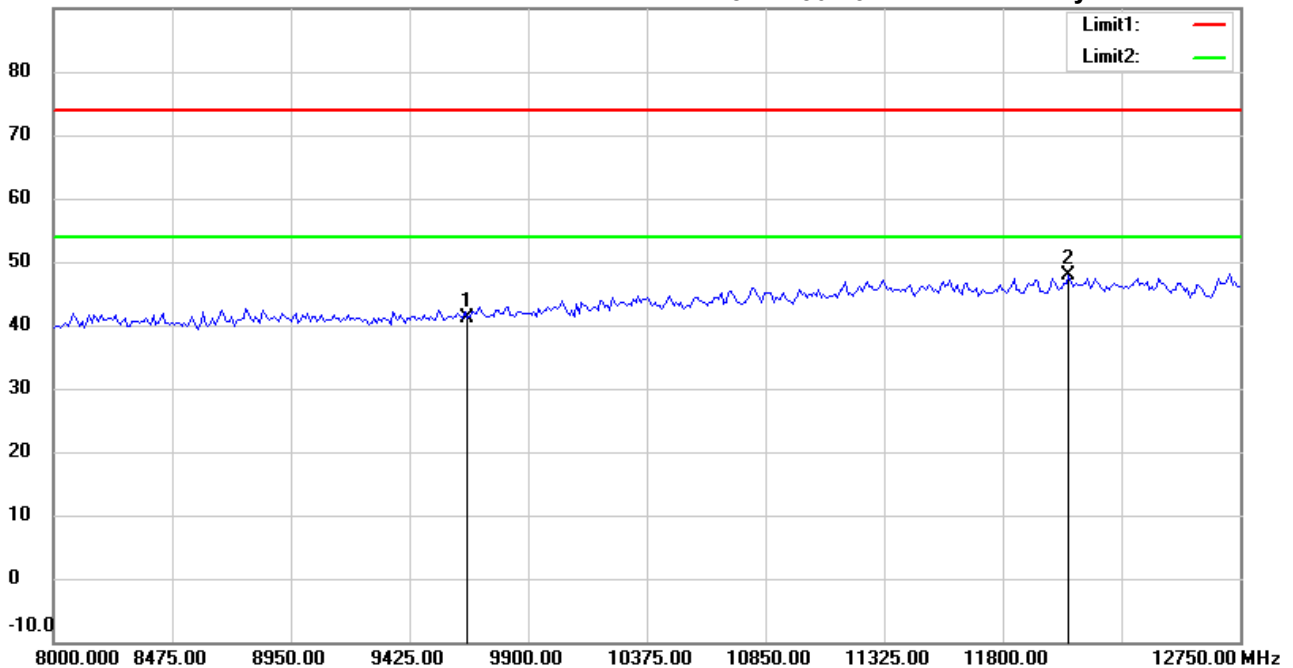
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:50:43 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9648.000	34.46	peak	6.60	41.06	74.00	150	316	-32.94	
*	12060.000	35.70	peak	12.21	47.91	74.00	150	270	-26.09	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

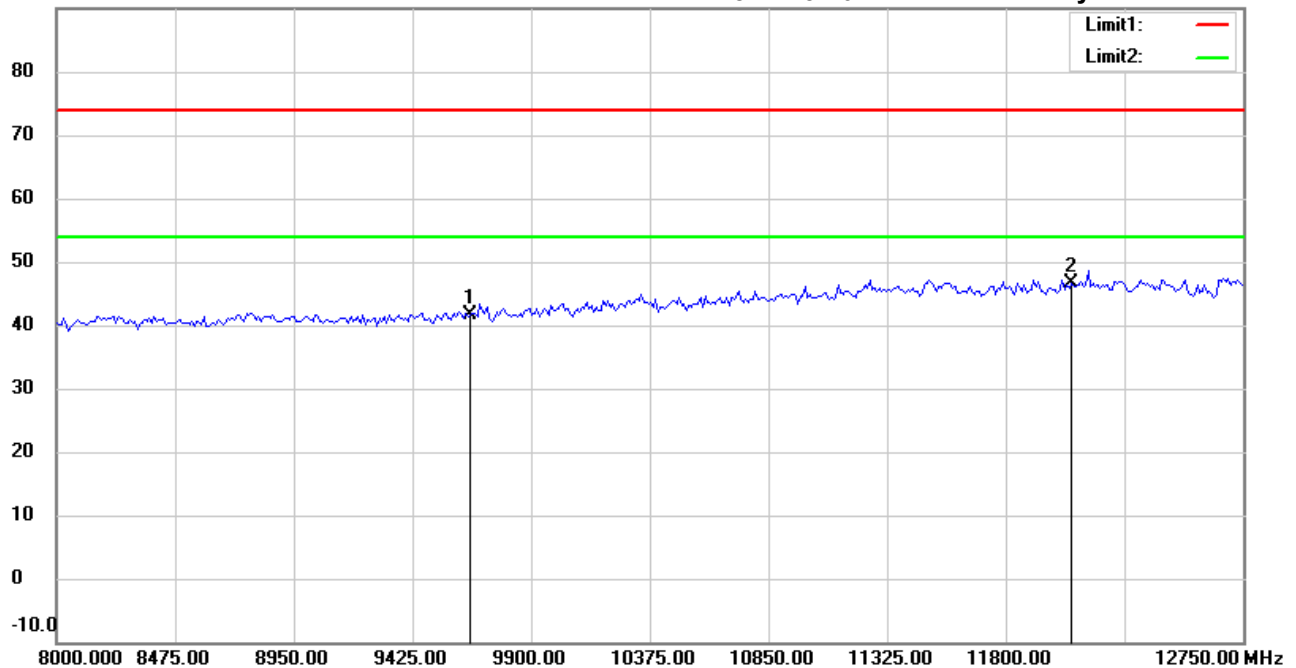
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:54:07 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9648.000	34.93	peak	6.60	41.53	74.00	150	62	-32.47	
*	12060.000	34.54	peak	12.21	46.75	74.00	150	179	-27.25	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

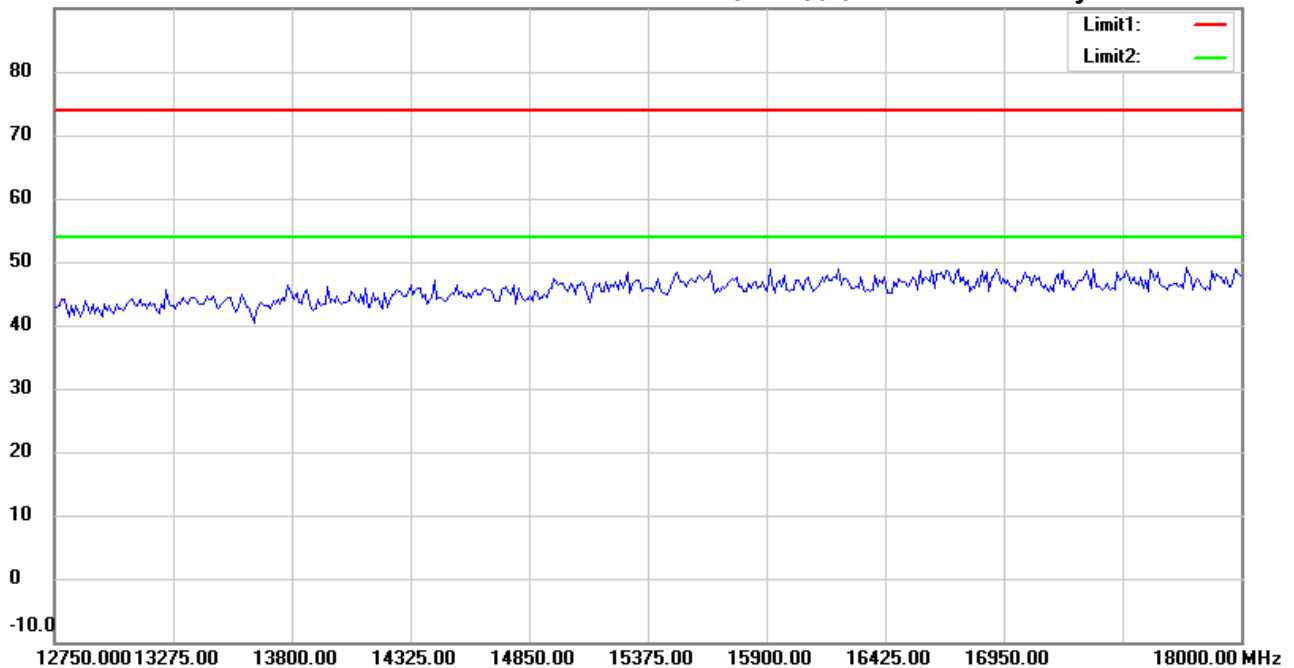
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:50:57 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #9

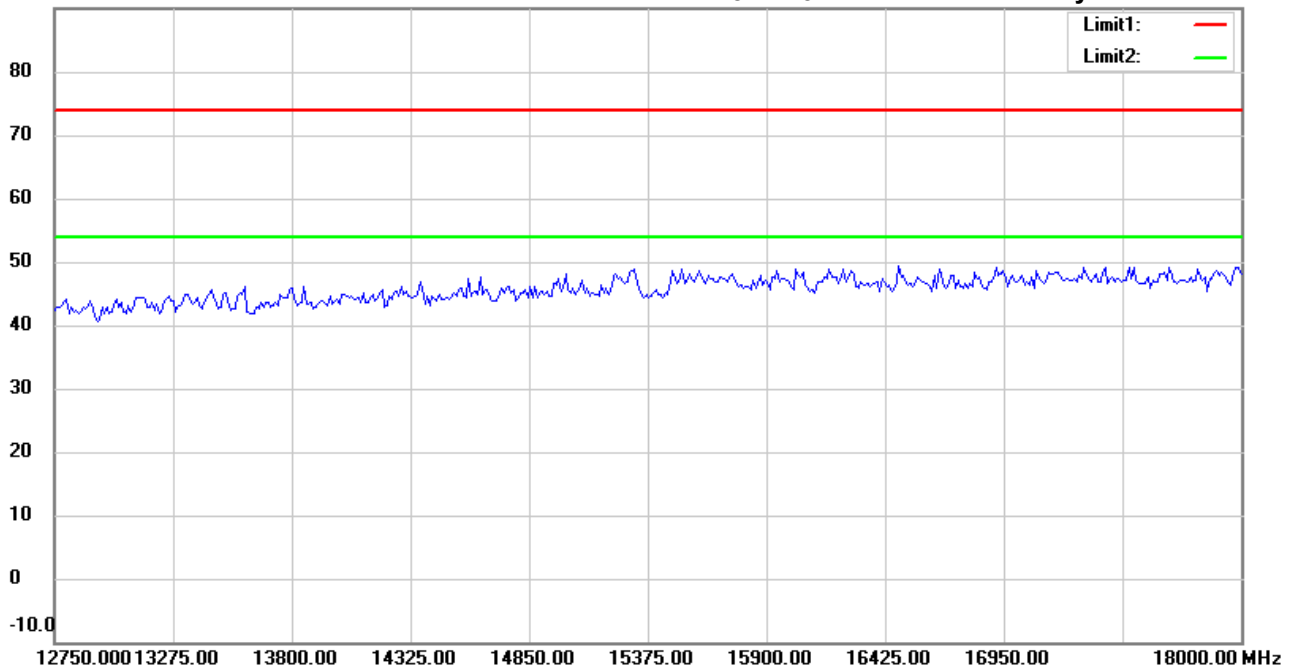
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:54:21 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

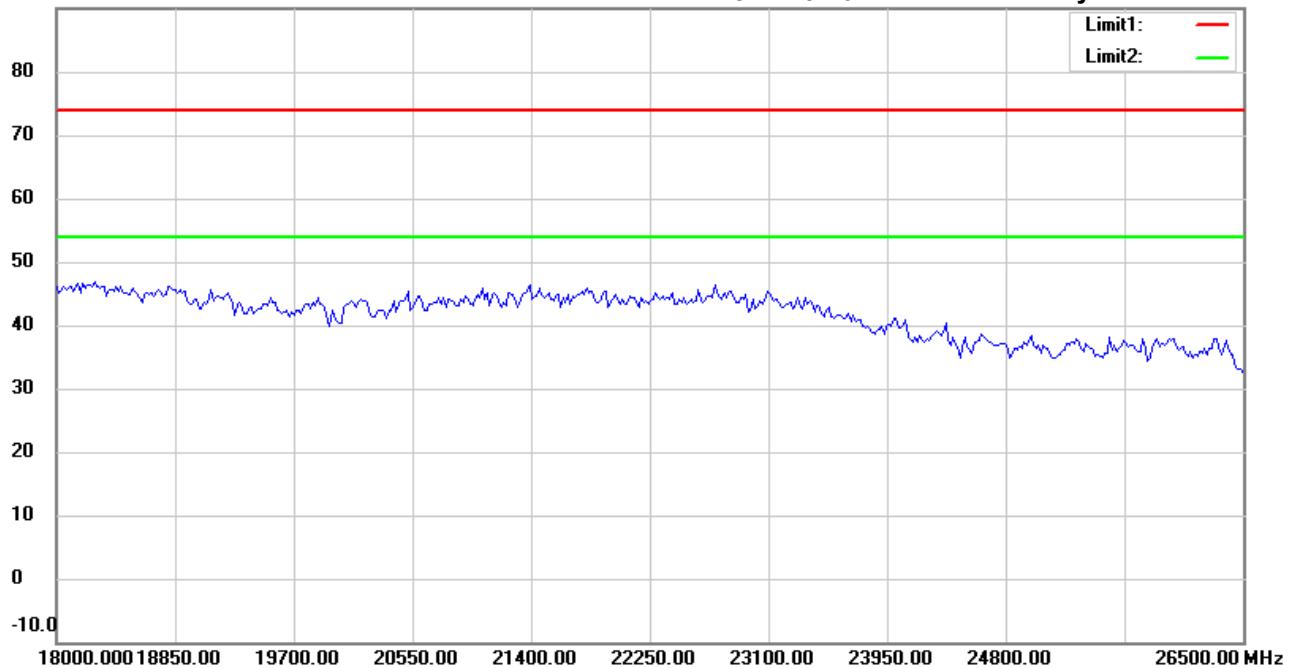
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:51:07 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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, NeiHu, Taipei
Tel: +886-2-6606-8877
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

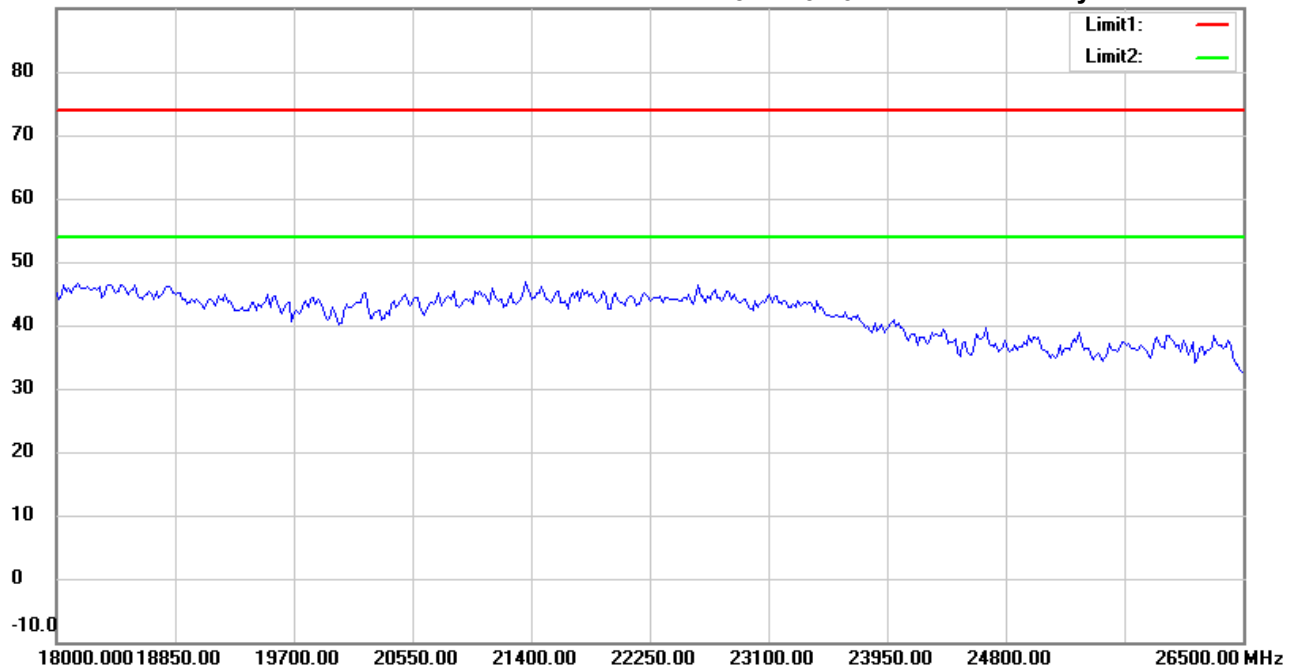
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:54:31 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

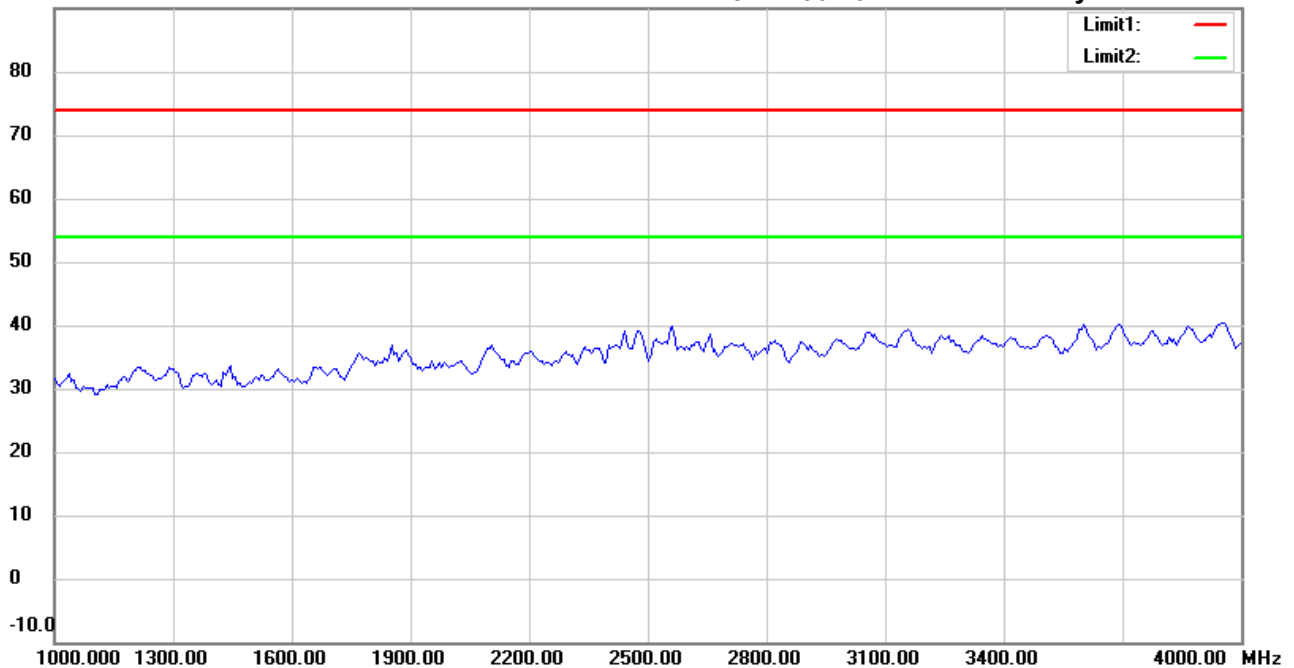
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:30:49 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

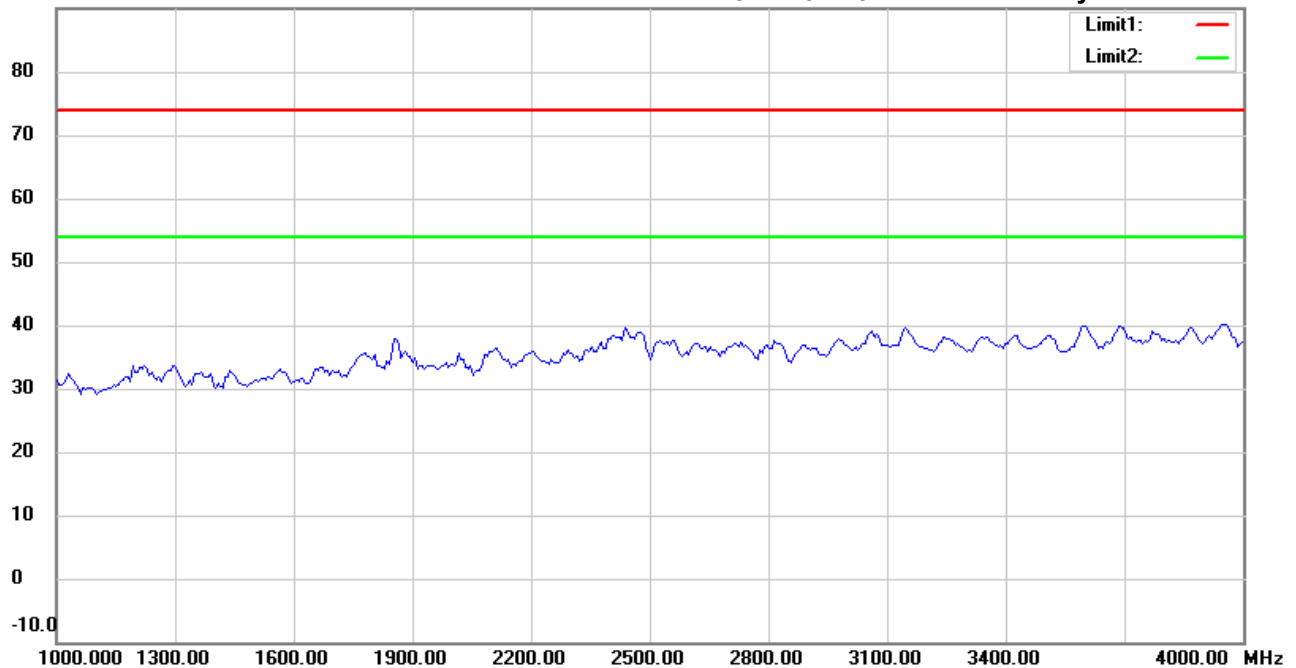
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:34:20 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

Operator: Leon

File :3

Data :#2

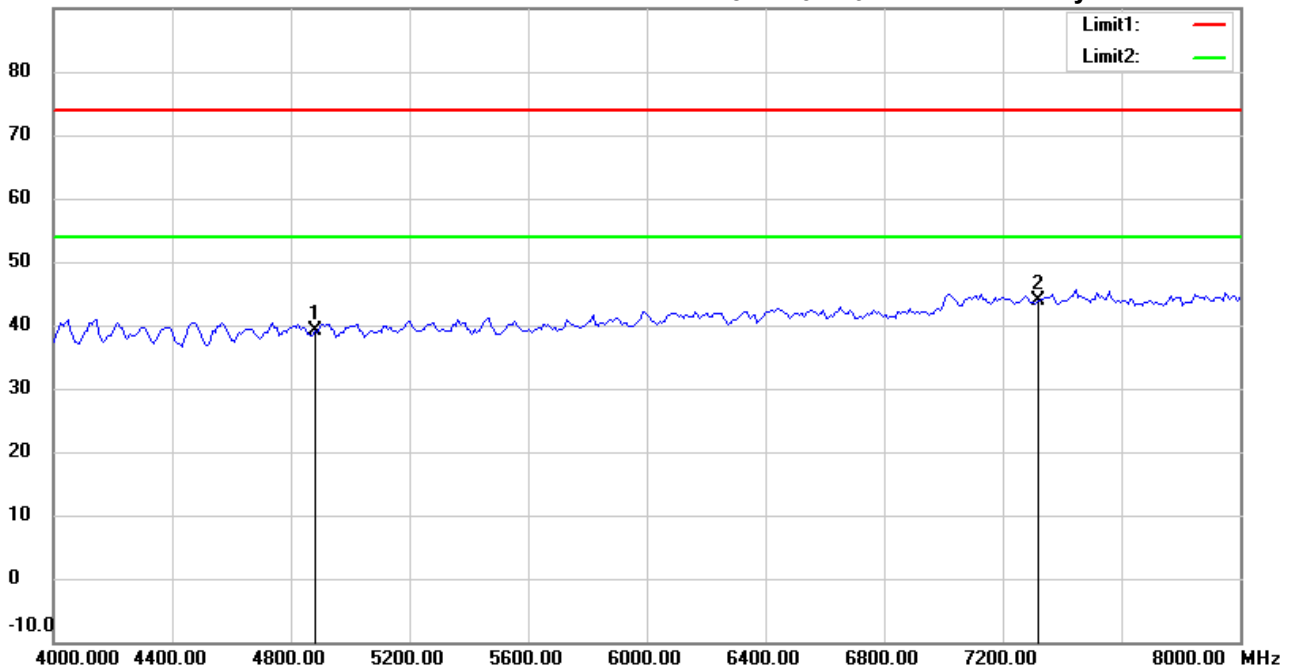
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:31:49 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.91	peak	-1.70	39.21	74.00	150	85	-34.79	
*	7311.000	40.41	peak	3.42	43.83	74.00	150	240	-30.17	

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



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

Operator: Leon

File : 3

Data : #7

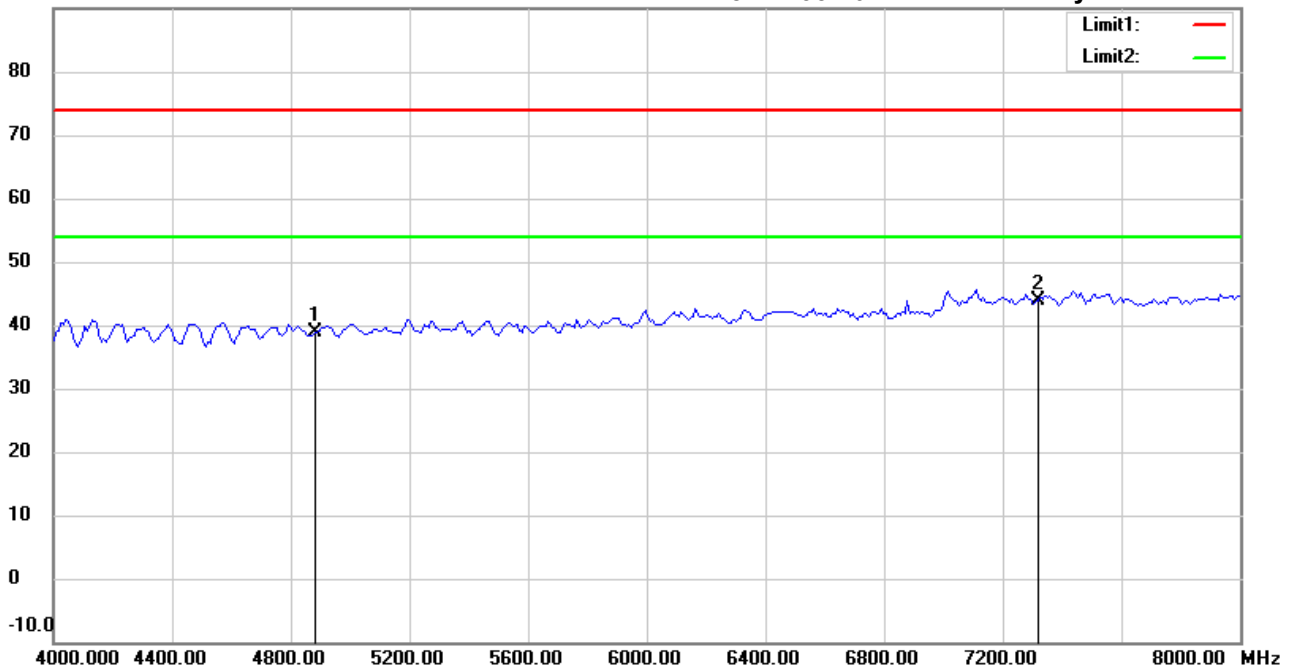
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:35:20 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.59	peak	-1.70	38.89	74.00	150	57	-35.11	
*	7311.000	40.54	peak	3.42	43.96	74.00	150	234	-30.04	

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



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

Operator: Leon

File :3

Data :#3

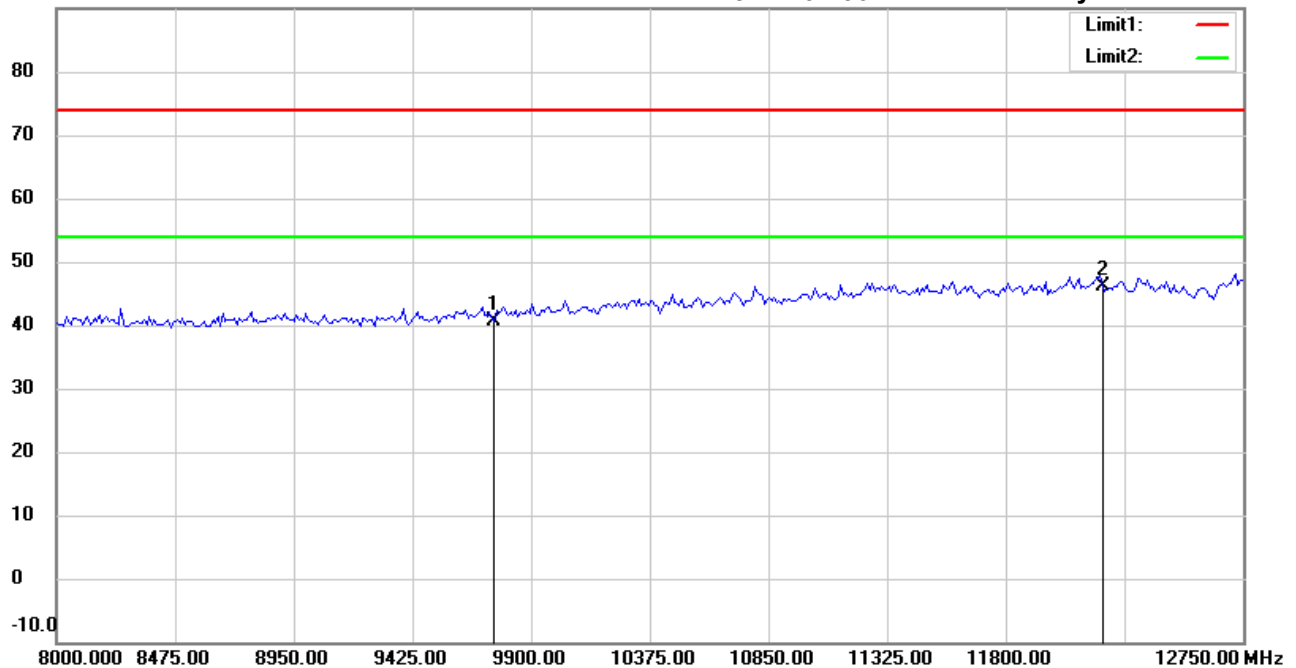
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:32:56 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	33.96	peak	6.75	40.71	74.00	150	196	-33.29	
*	12185.000	33.38	peak	12.83	46.21	74.00	150	235	-27.79	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

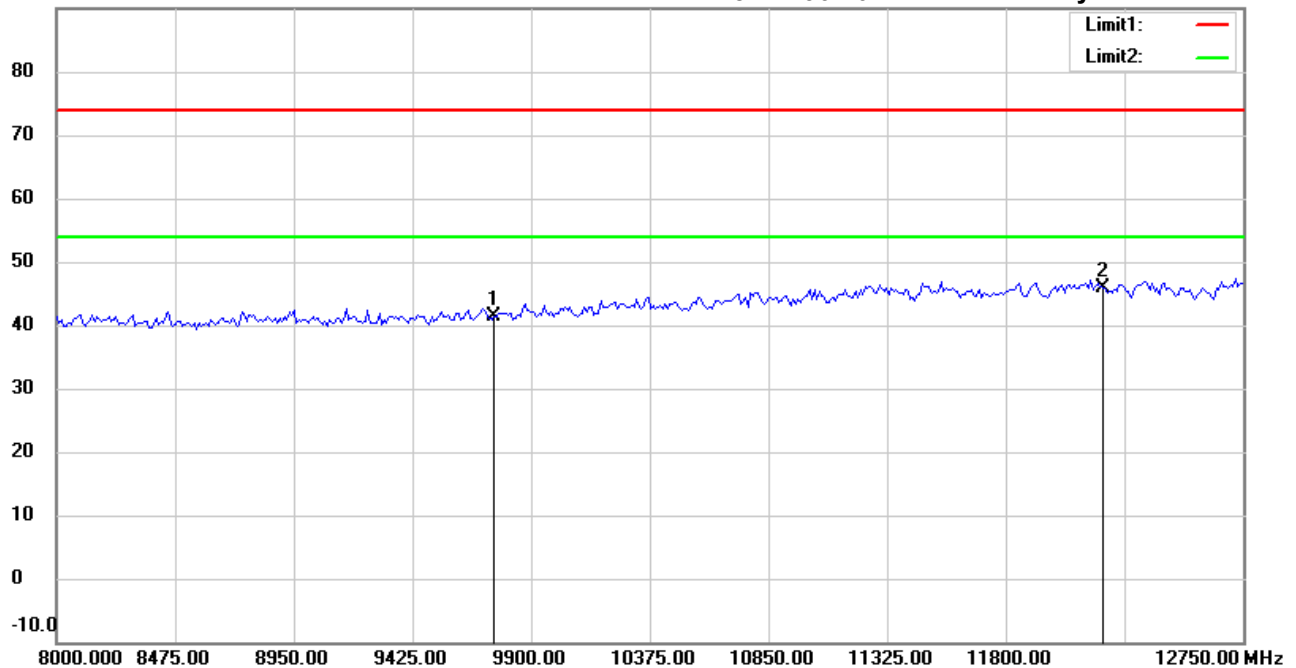
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:36:20 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11g 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
	9748.000	34.66	peak	6.75	41.41	74.00	150	165	-32.59	
*	12185.000	33.17	peak	12.83	46.00	74.00	150	280	-28.00	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

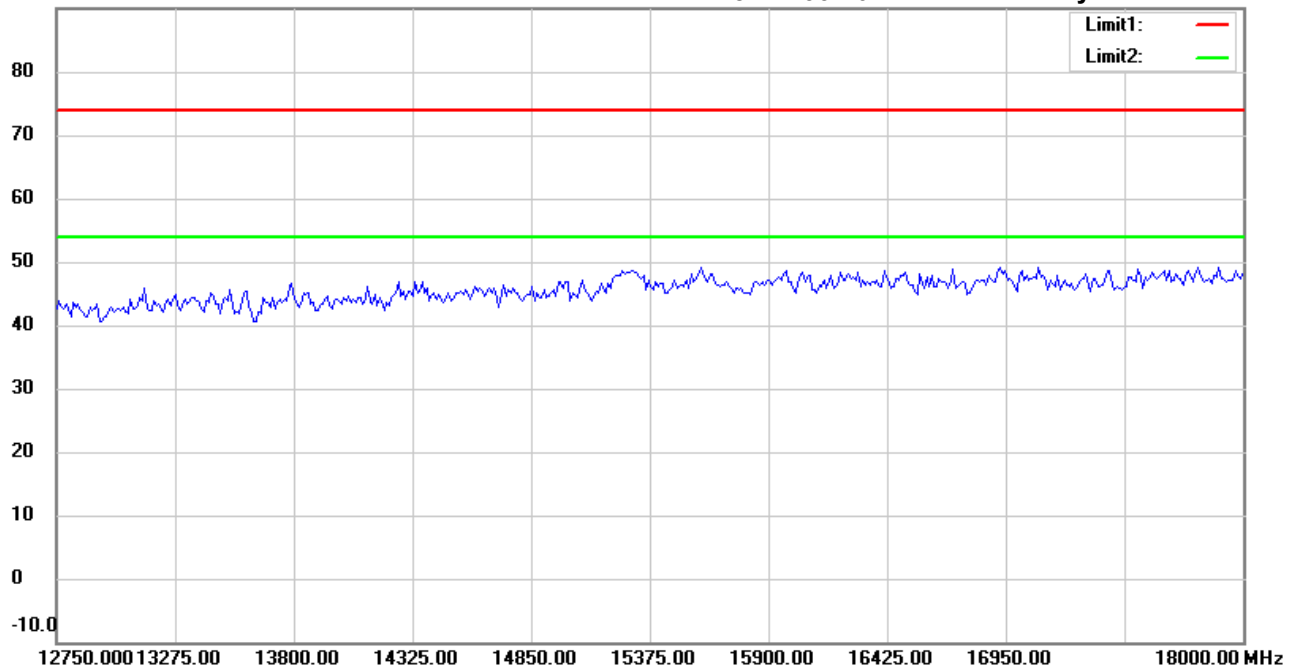
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:33:10 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

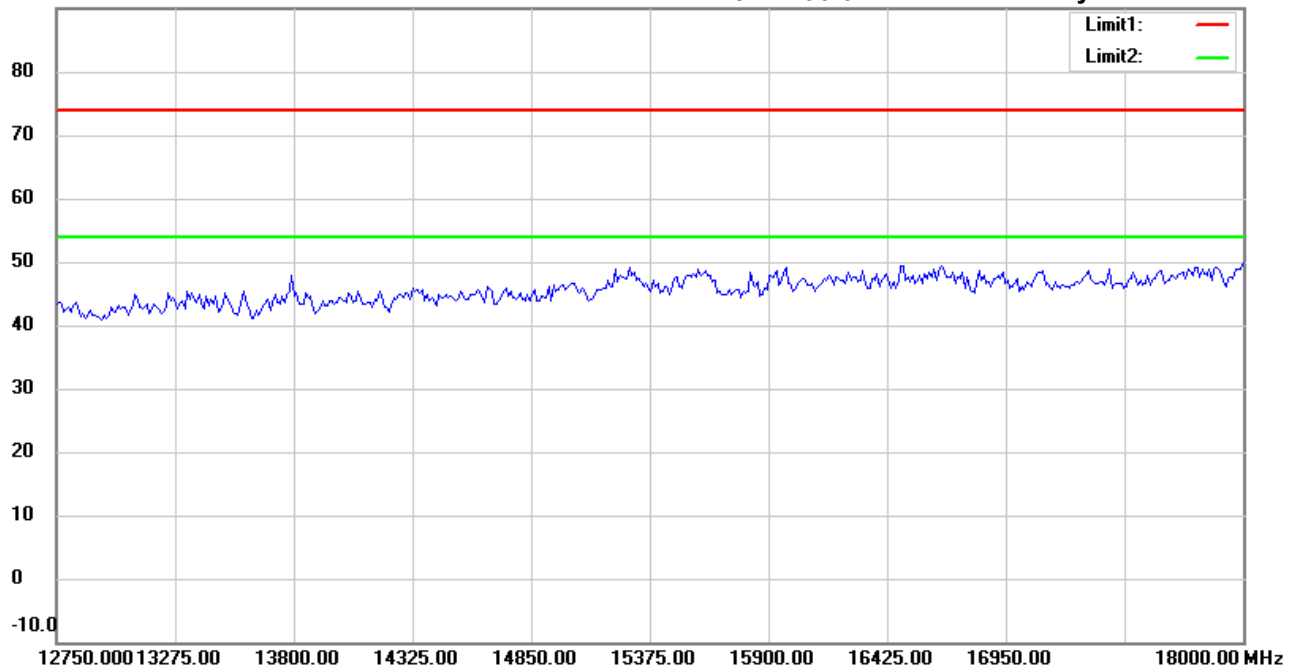
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:36:34 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

Operator: Leon

File : 3

Data : #5

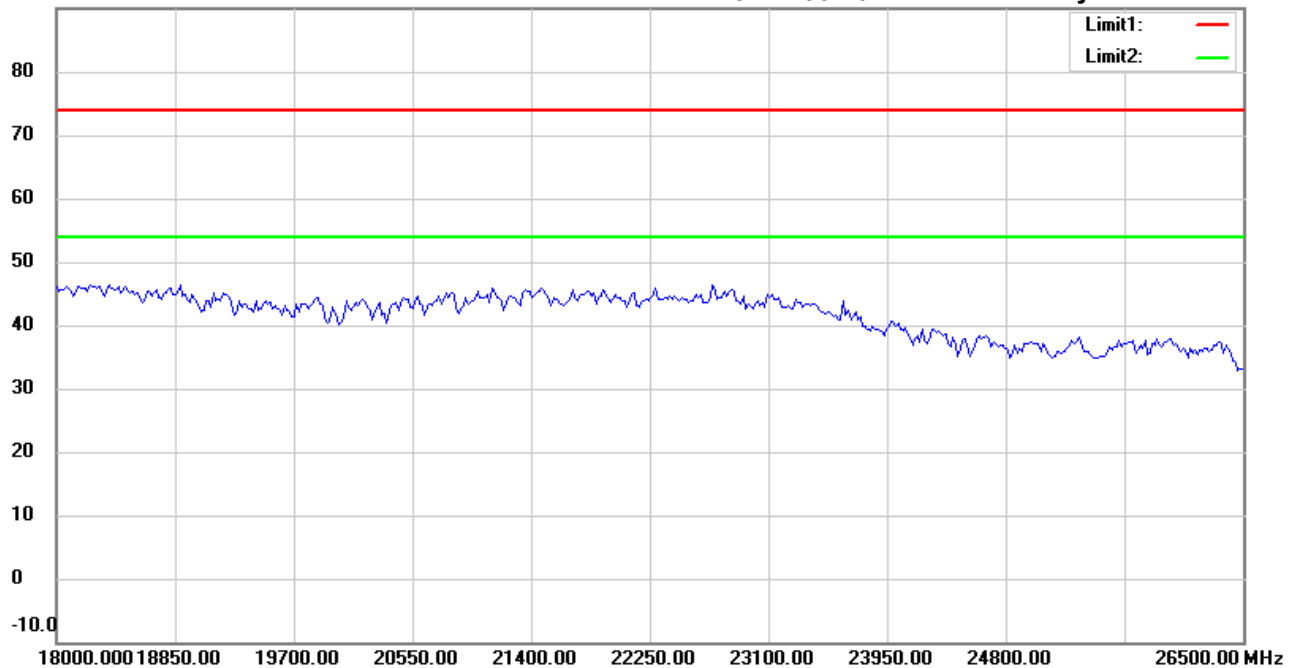
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:33:20 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

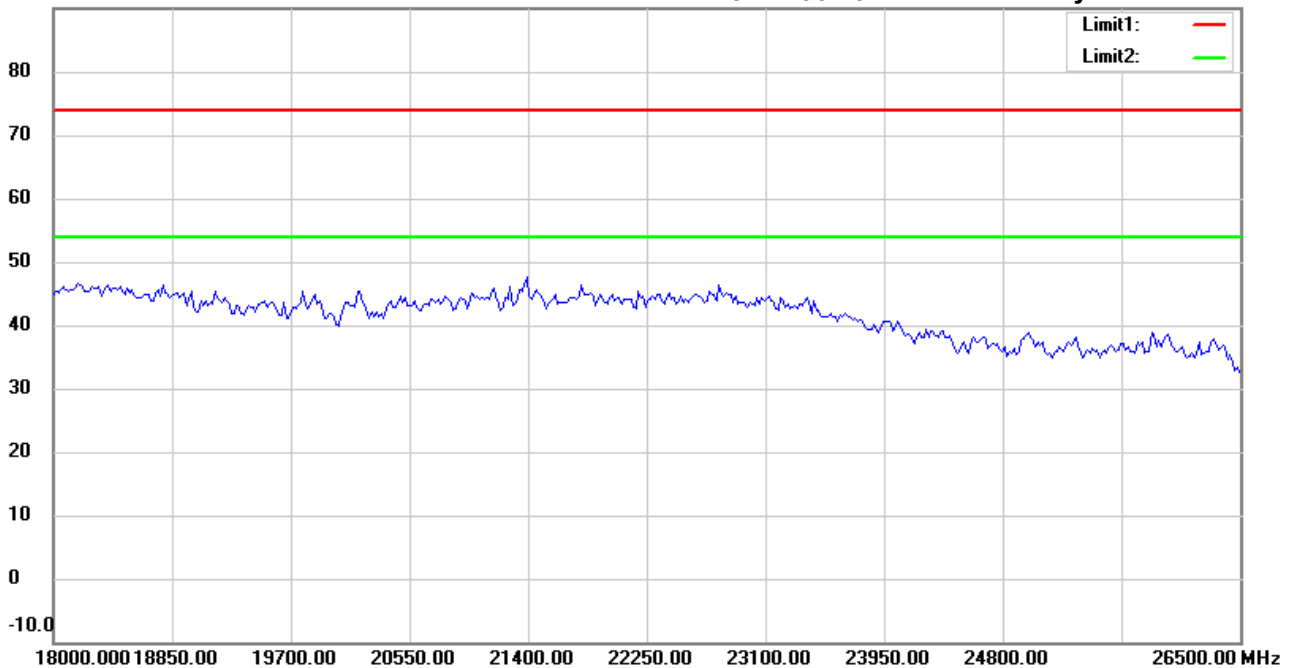
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:36:43 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

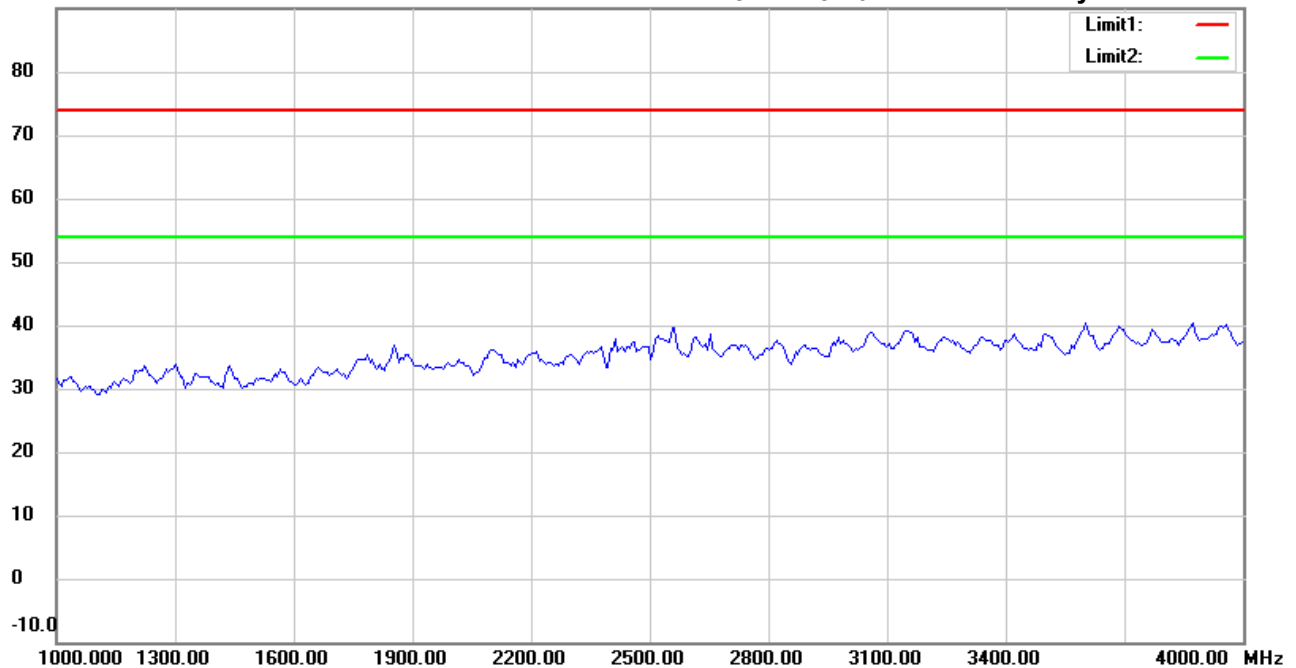
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 11:18:40 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

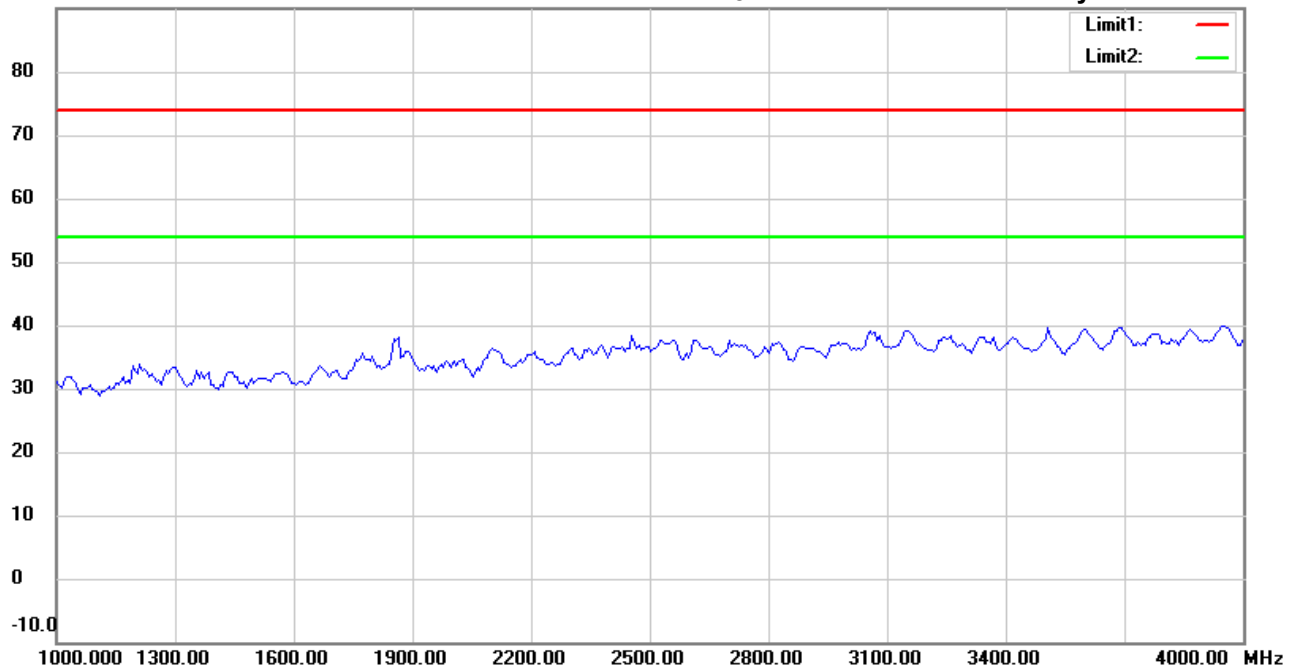
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 11:22:11 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Operator: Leon

File : 3

Data : #2

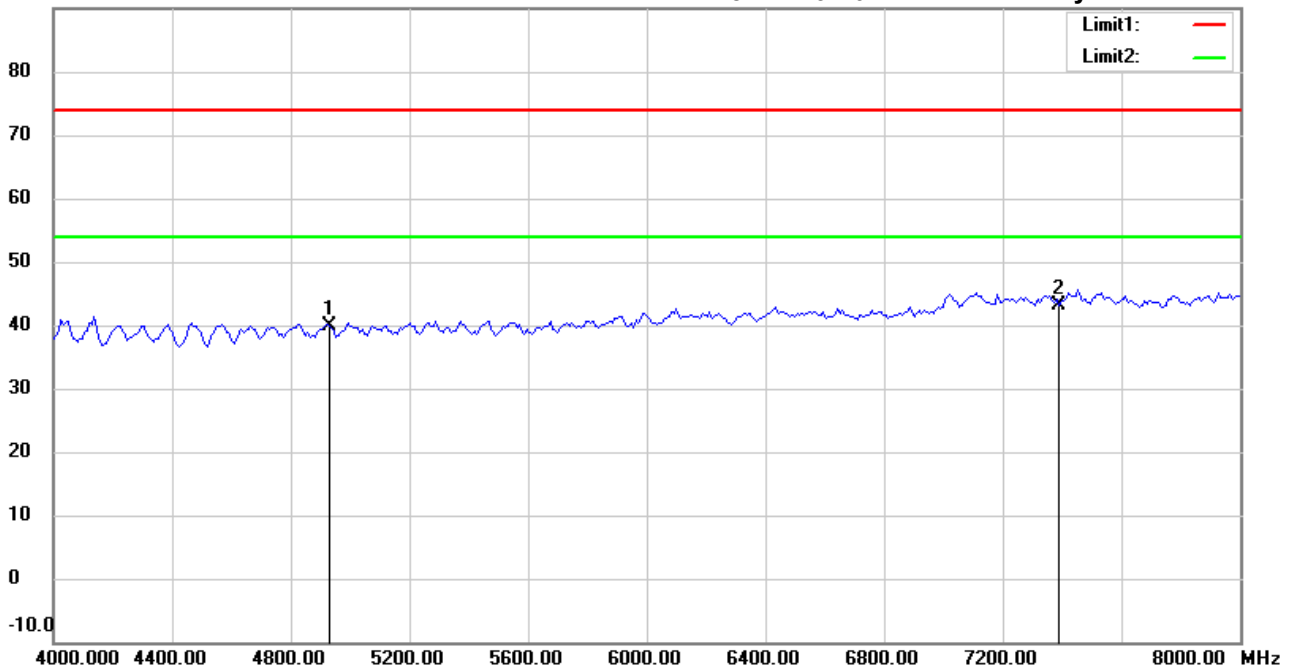
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:19:40 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4924.000	41.27	peak	-1.51	39.76	74.00	150	56	-34.24	
*	7386.000	39.52	peak	3.72	43.24	74.00	150	235	-30.76	

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



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

Operator: Leon

File :3

Data :#7

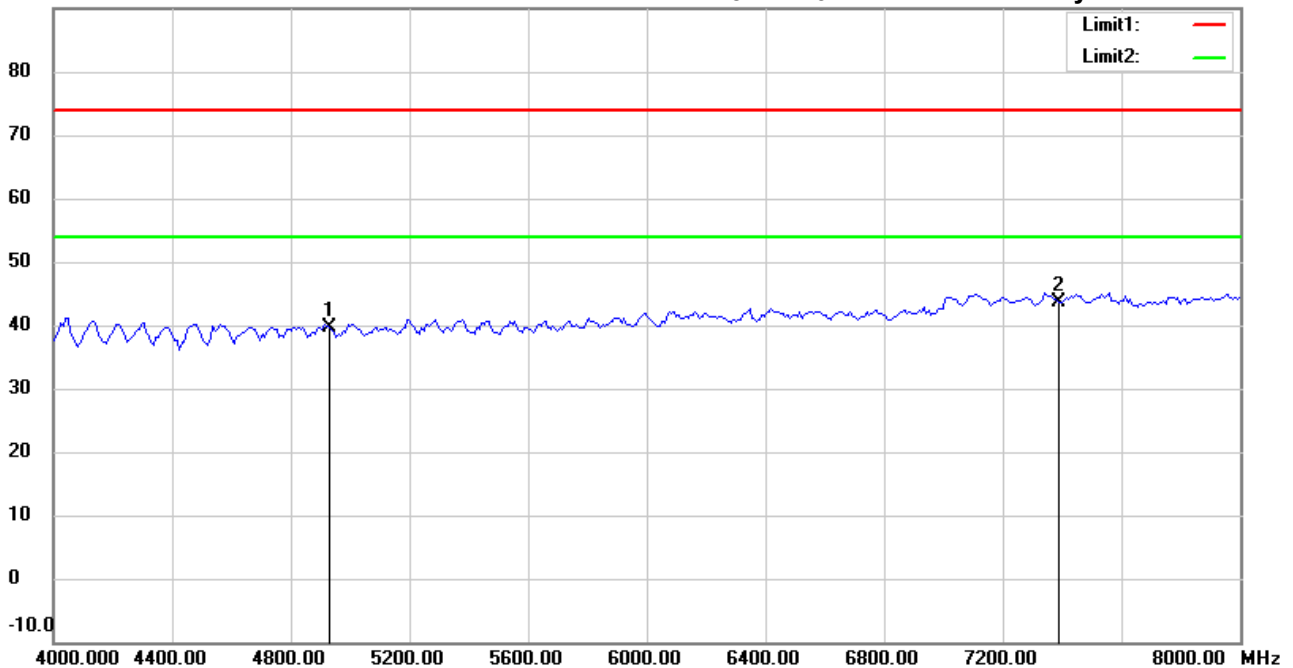
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:23:12 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4924.000	41.16	peak	-1.51	39.65	74.00	150	245	-34.35	
*	7386.000	39.79	peak	3.72	43.51	74.00	150	173	-30.49	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

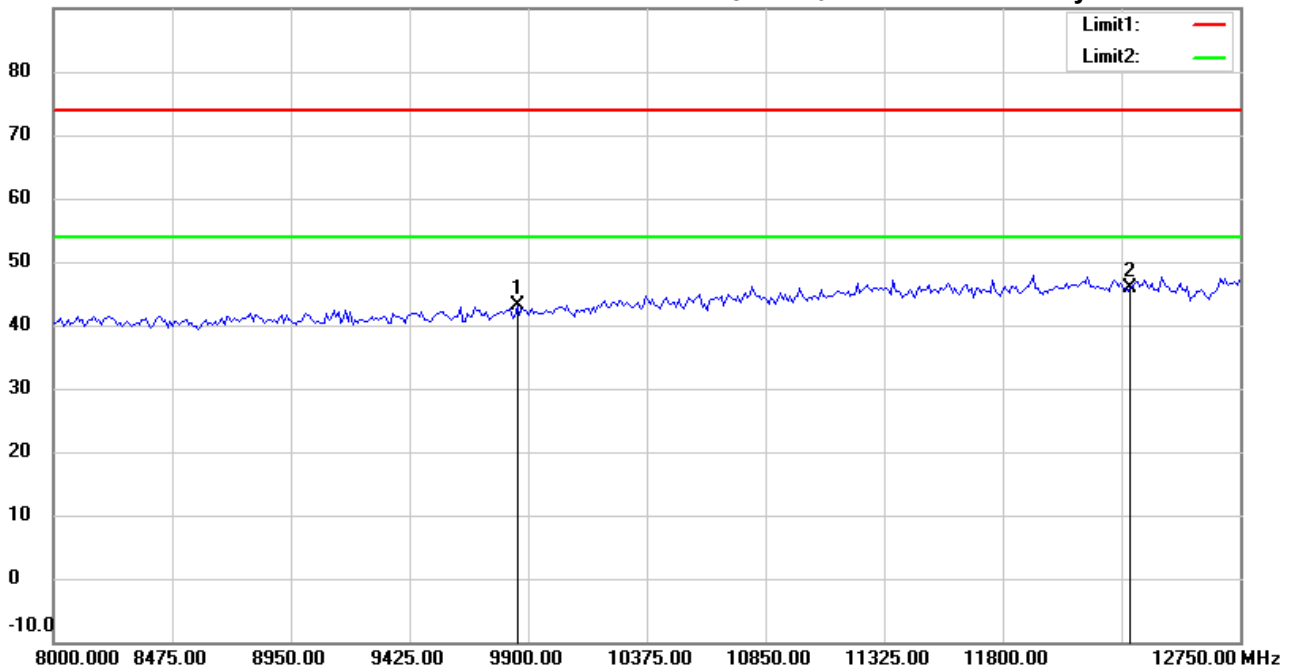
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:20:47 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9848.000	36.15	peak	6.96	43.11	74.00	150	176	-30.89	
*	12310.000	33.73	peak	12.18	45.91	74.00	150	92	-28.09	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

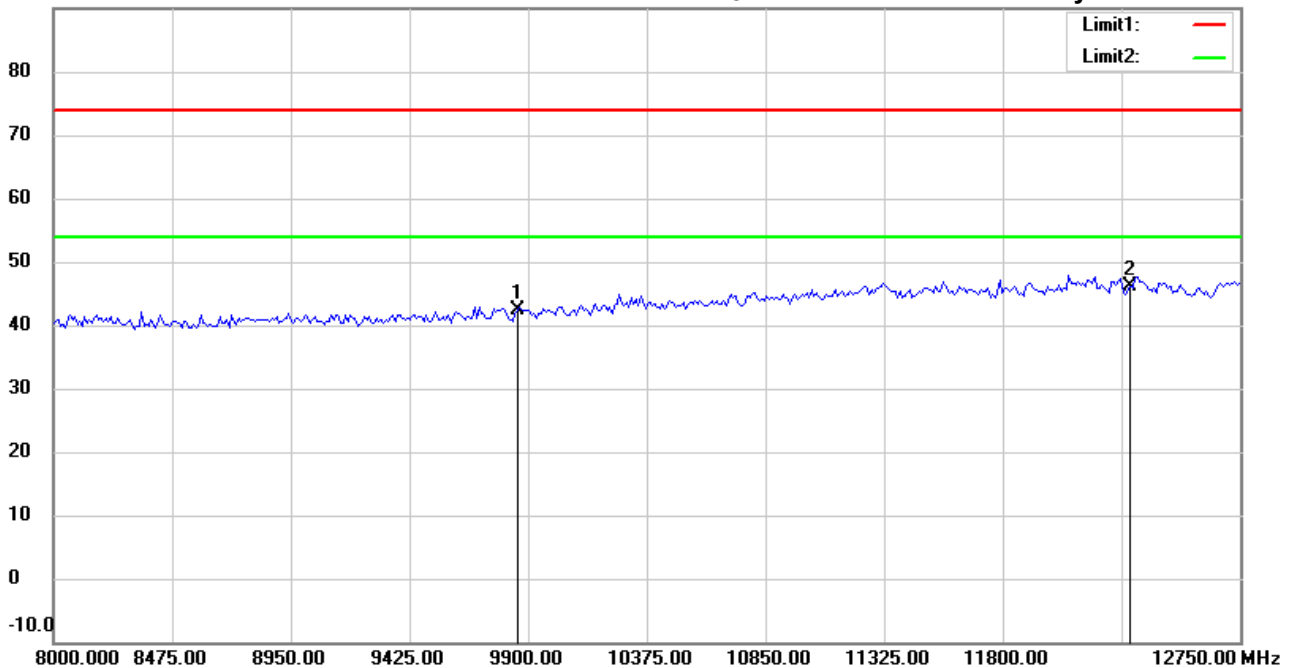
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:24:11 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.52	peak	6.96	42.48	74.00	150	99	-31.52	
*	12310.000	33.89	peak	12.18	46.07	74.00	150	265	-27.93	

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



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

Operator: Leon

File : 3

Data : #4

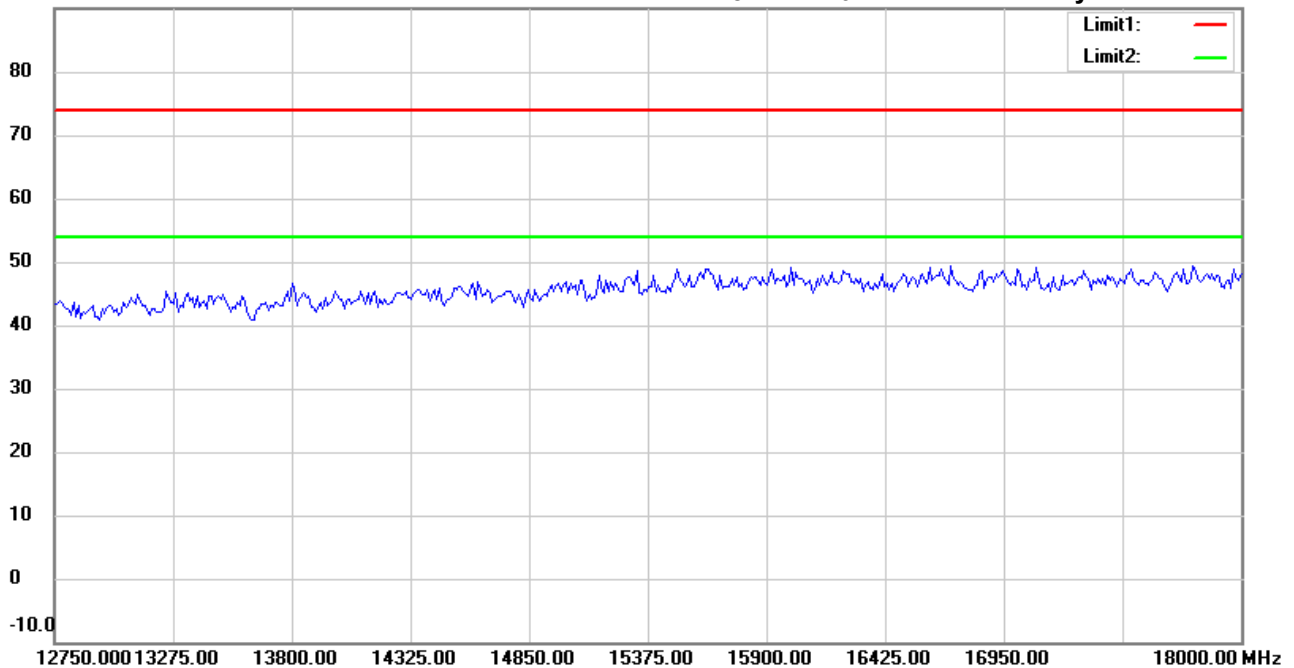
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:21:01 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

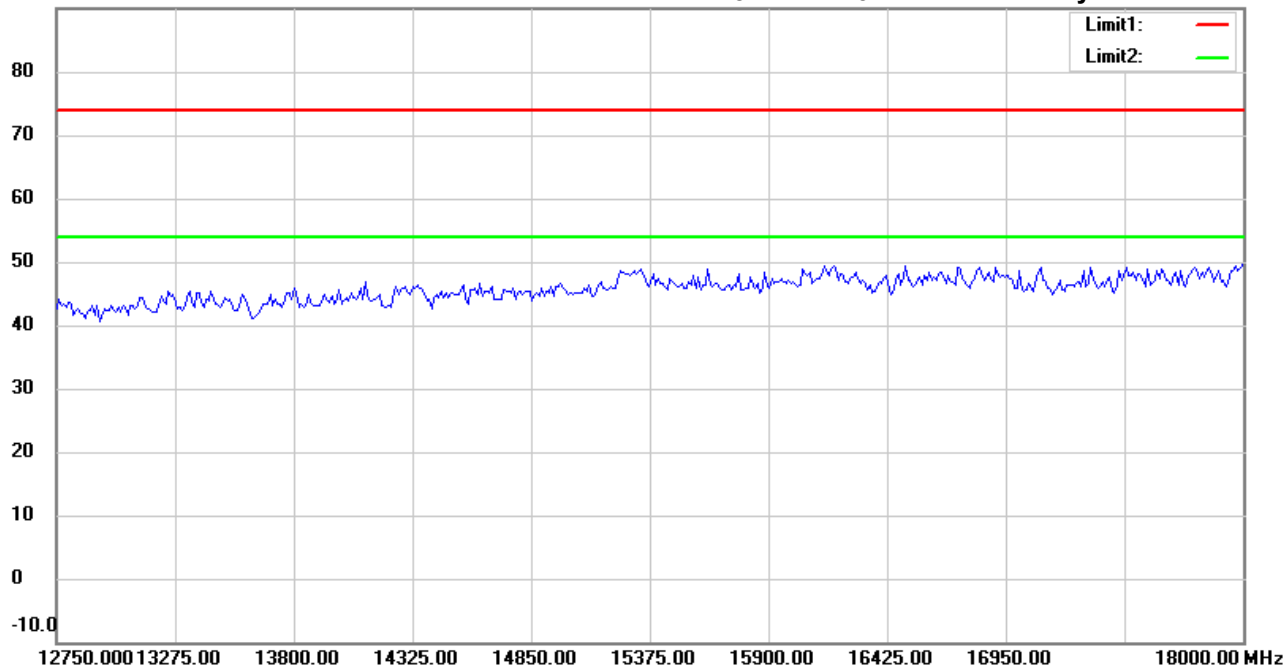
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:24:25 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

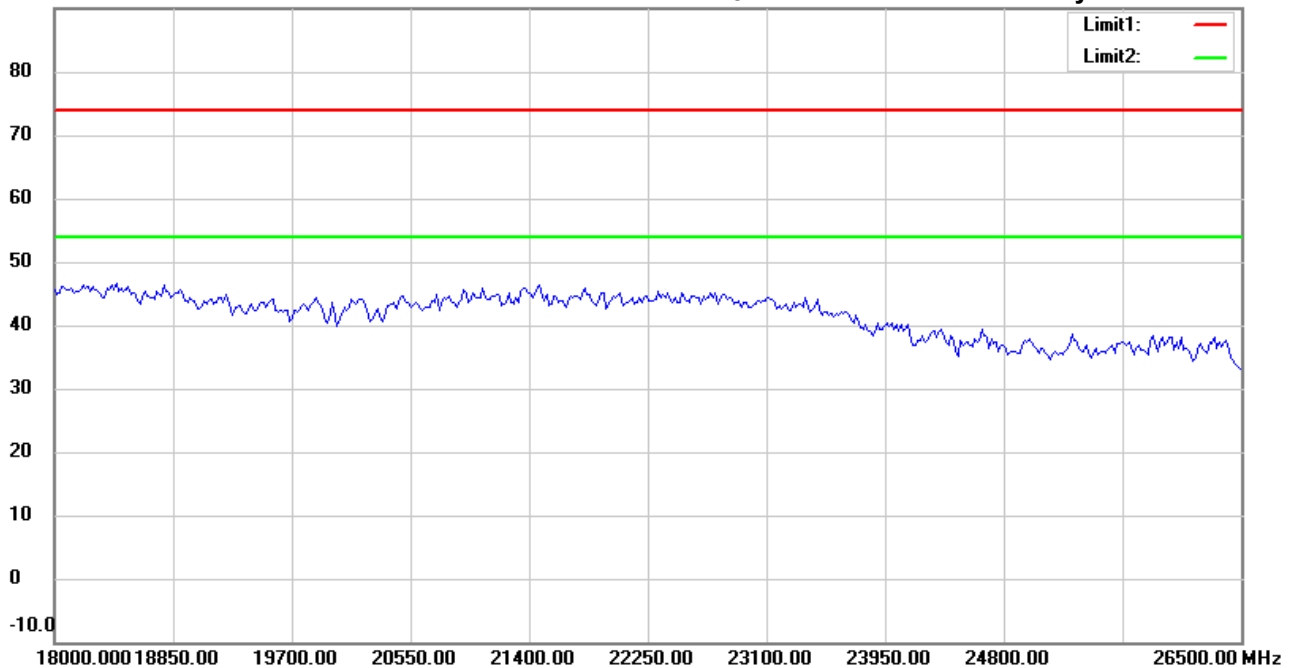
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:21:11 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

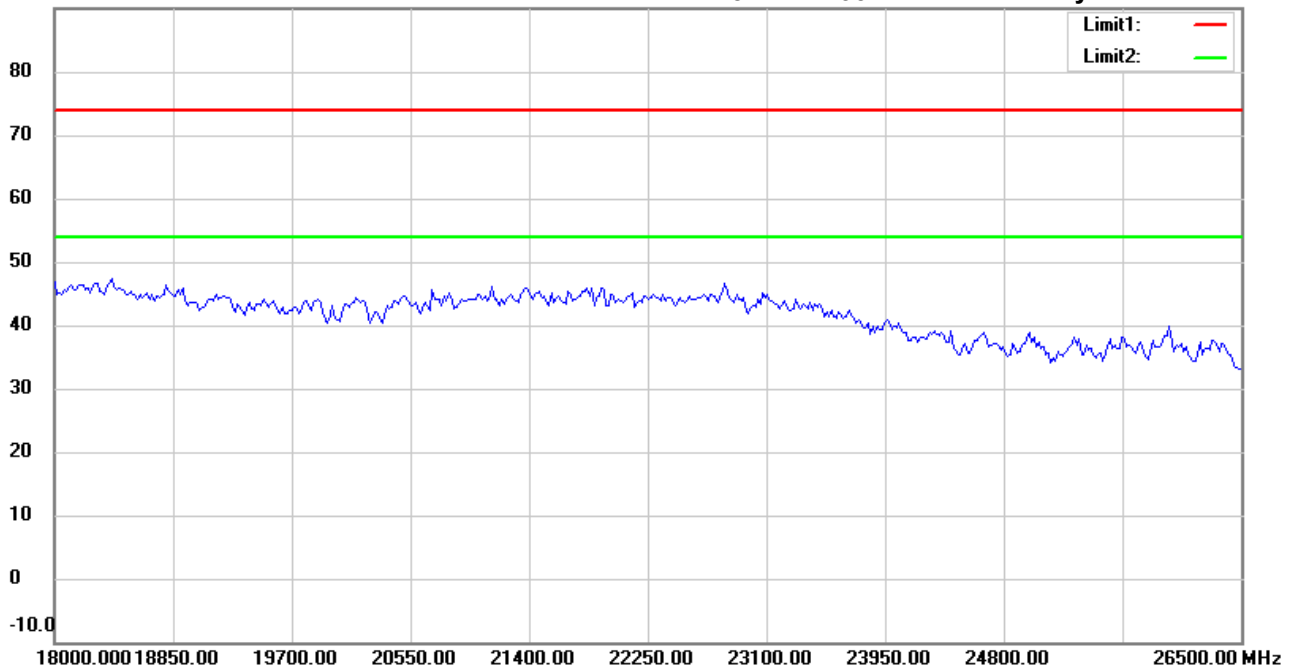
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 11:24:35 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

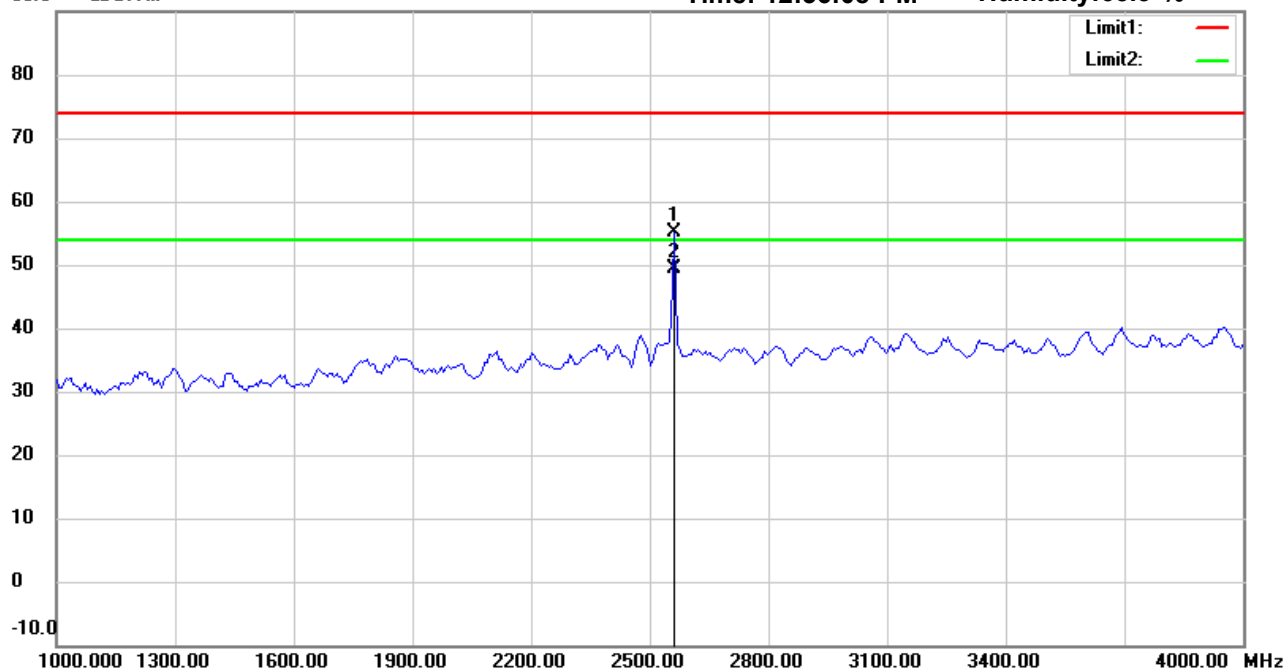
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:36:08 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21911-19475

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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
	2563.126	60.12	peak	-5.00	55.12	74.00	150	213	-18.88	
*	2563.126	54.35	AVG	-5.00	49.35	54.00	150	213	-4.65	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

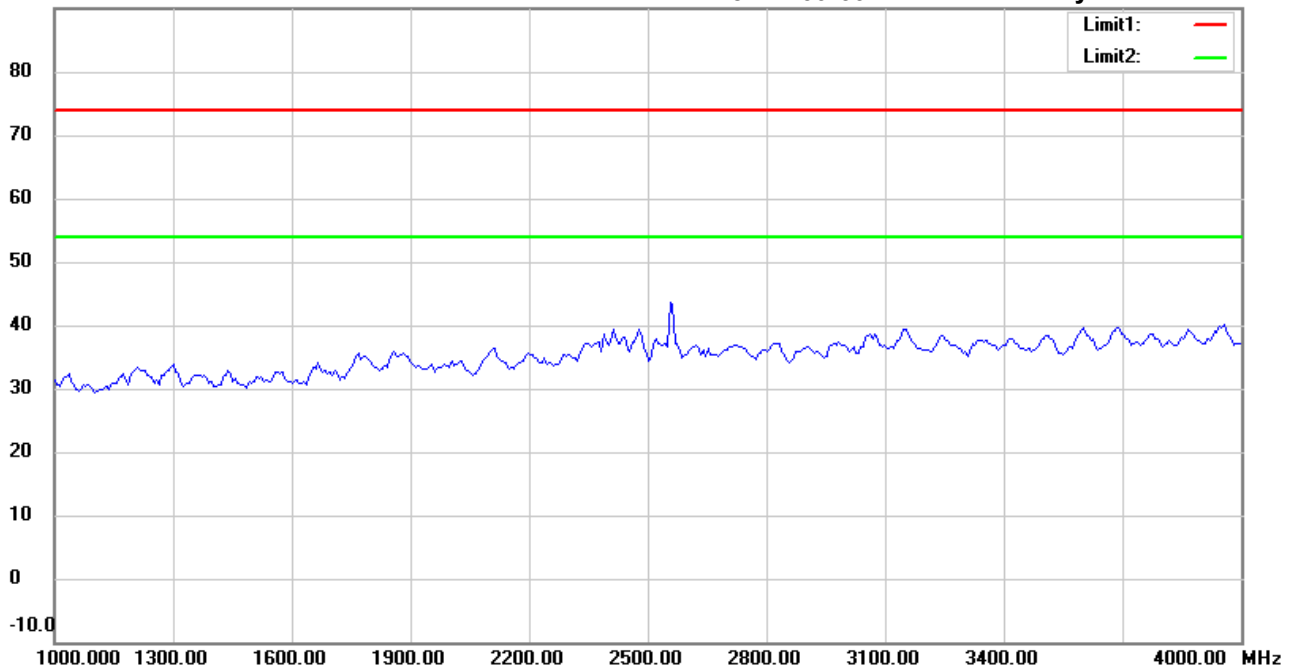
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 12:39:39 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

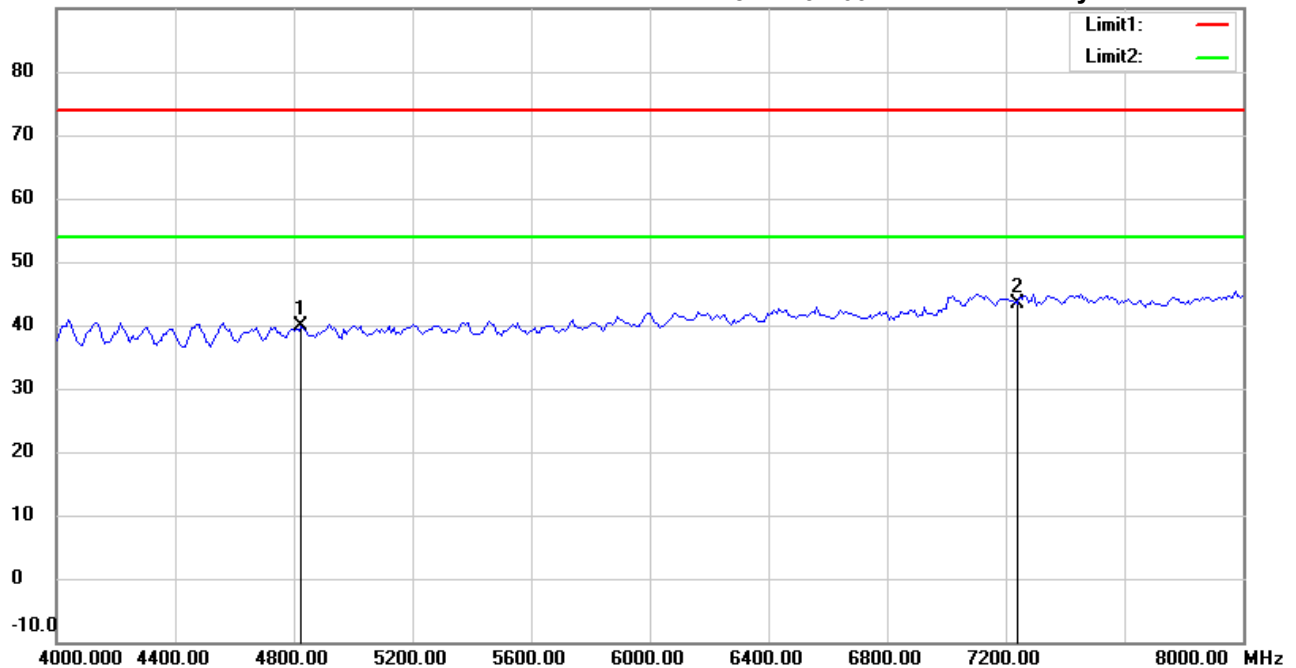
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:37:09 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	41.74	peak	-1.88	39.86	74.00	150	142	-34.14	
*	7236.000	40.17	peak	3.28	43.45	74.00	150	166	-30.55	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

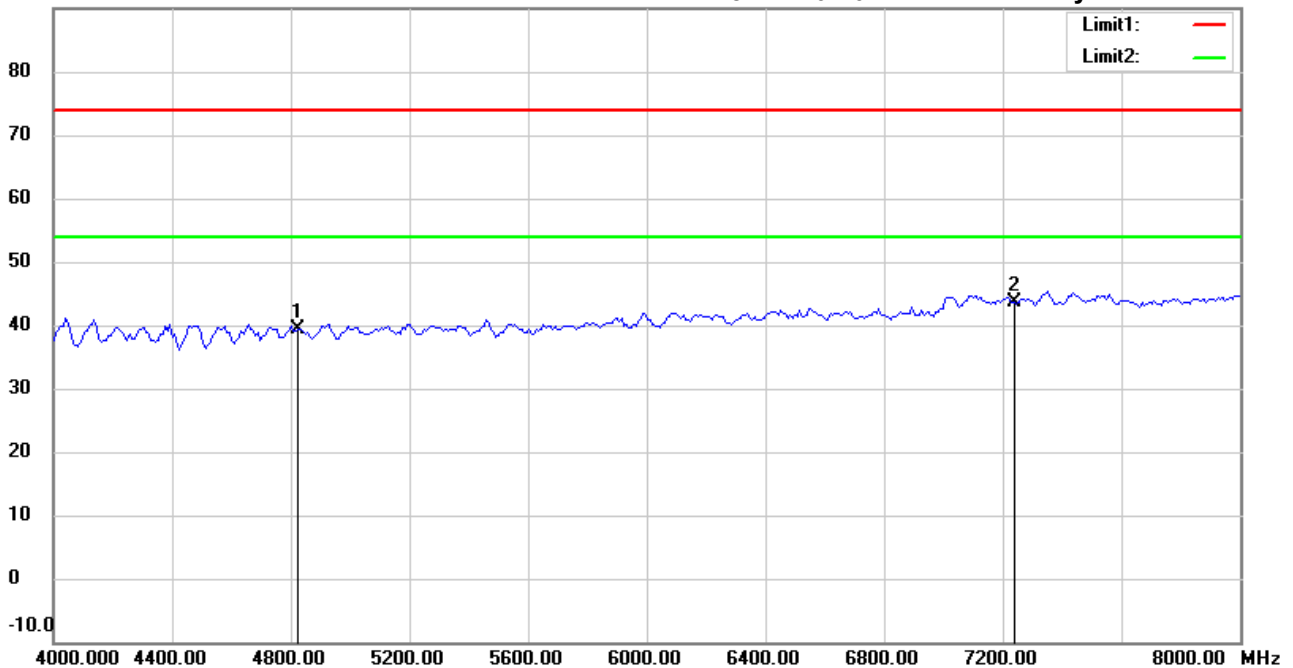
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:40:40 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	41.28	peak	-1.88	39.40	74.00	150	255	-34.60	
*	7236.000	40.45	peak	3.28	43.73	74.00	150	146	-30.27	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

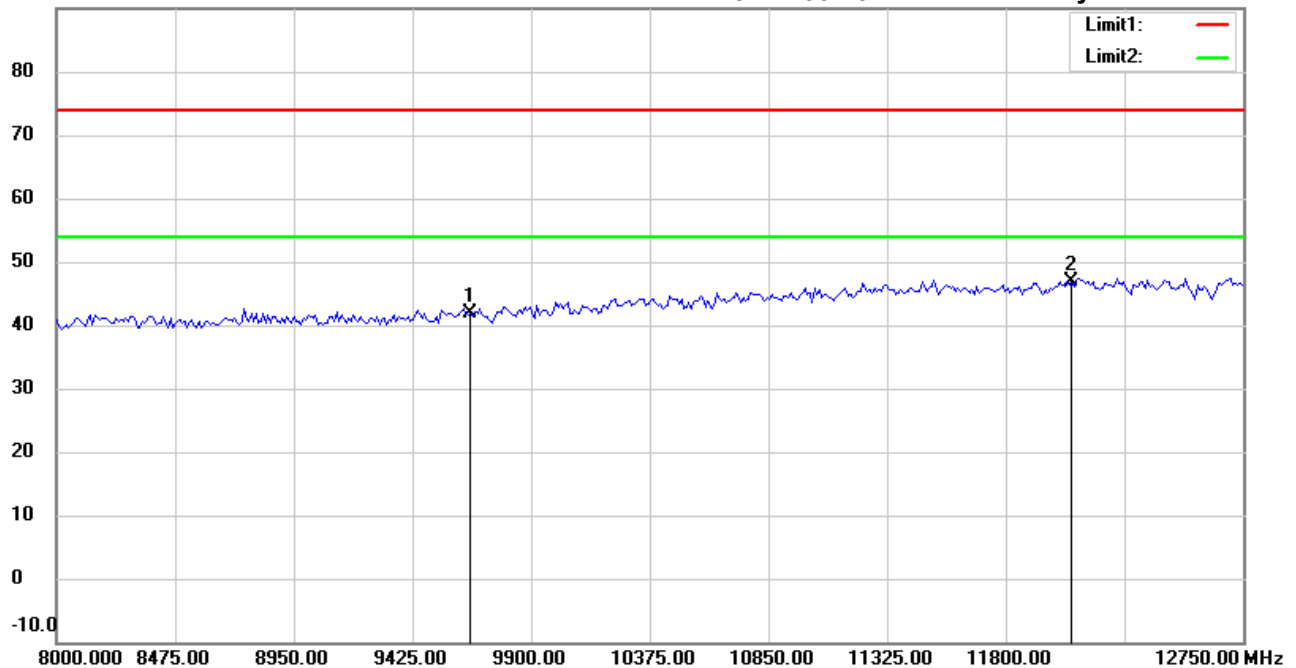
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:38:15 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9648.000	35.22	peak	6.60	41.82	74.00	150	196	-32.18	
*	12060.000	34.78	peak	12.21	46.99	74.00	150	270	-27.01	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

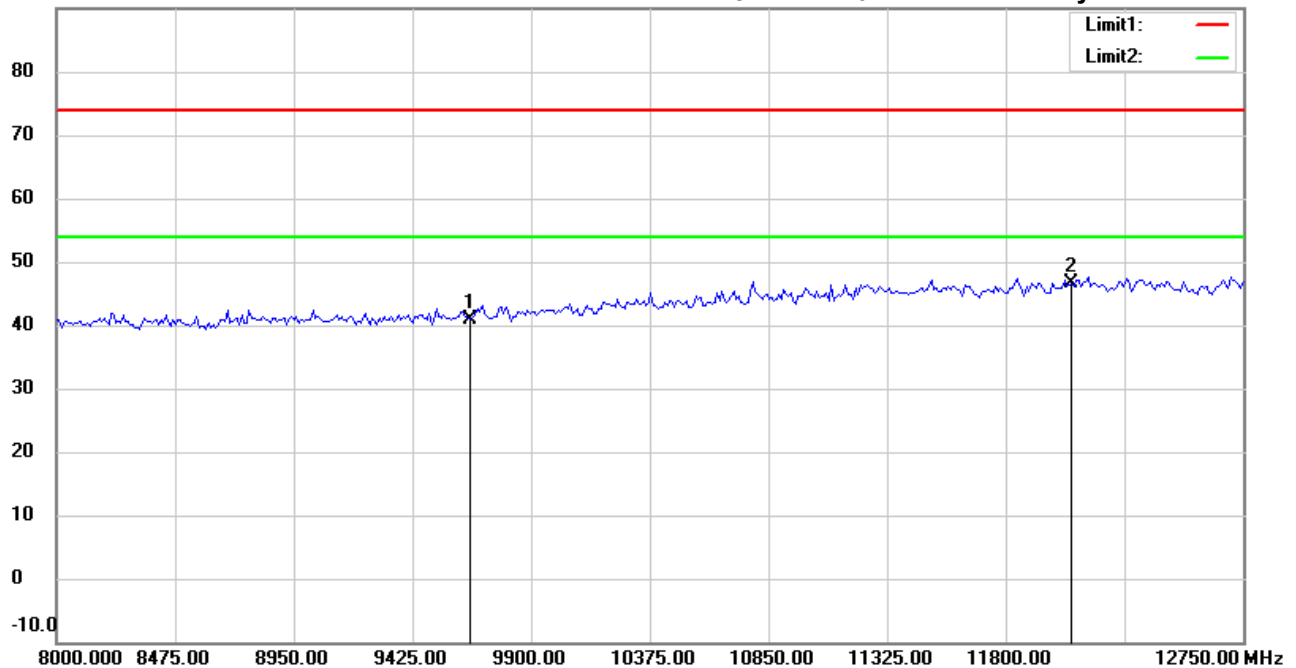
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:41:40 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9648.000	34.37	peak	6.60	40.97	74.00	150	263	-33.03	
*	12060.000	34.43	peak	12.21	46.64	74.00	150	310	-27.36	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

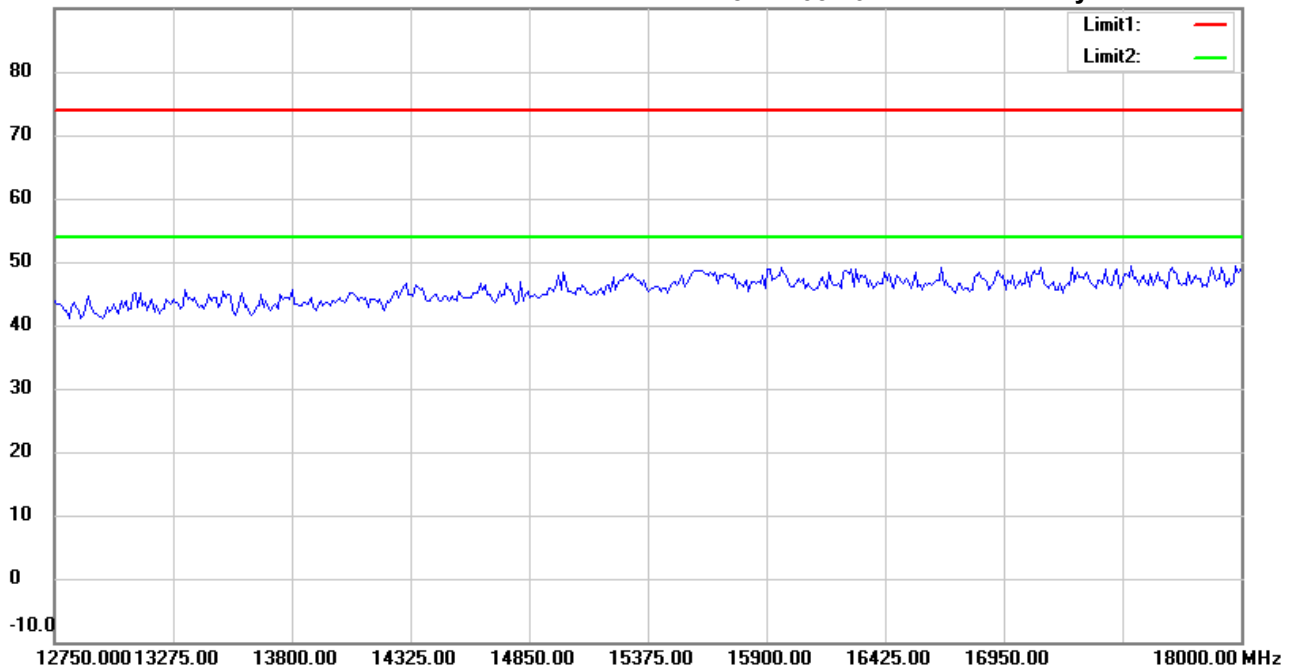
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:38:29 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

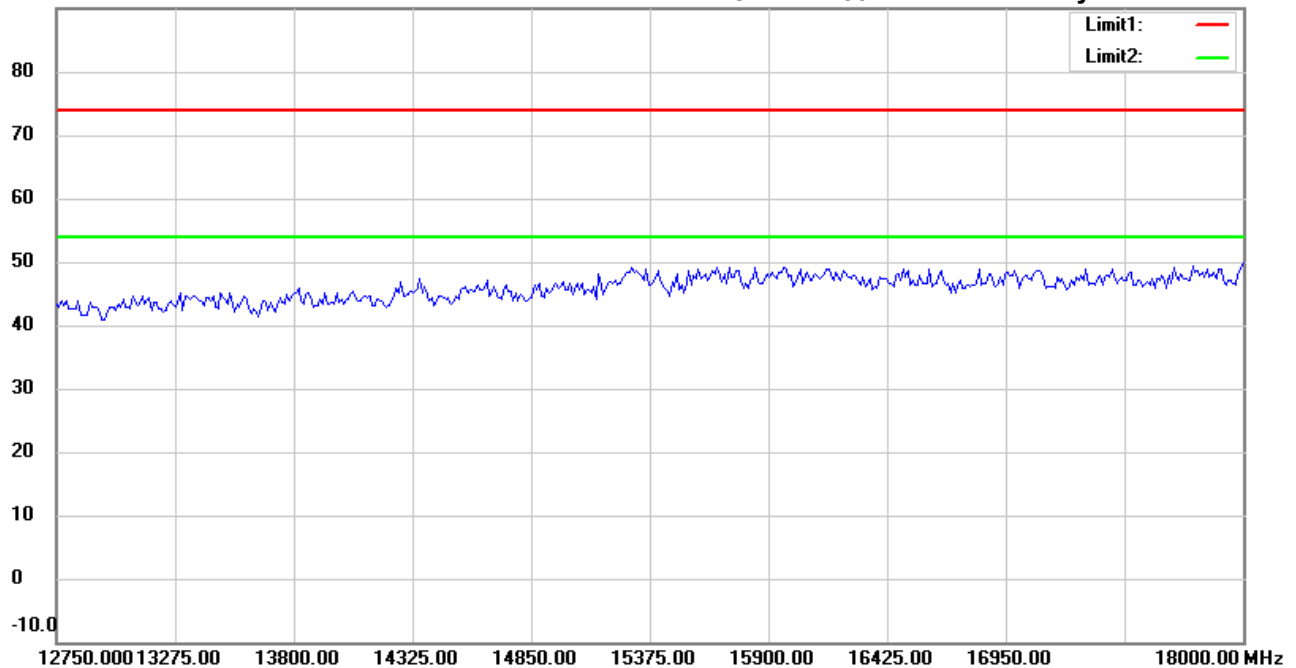
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 12:41:53 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

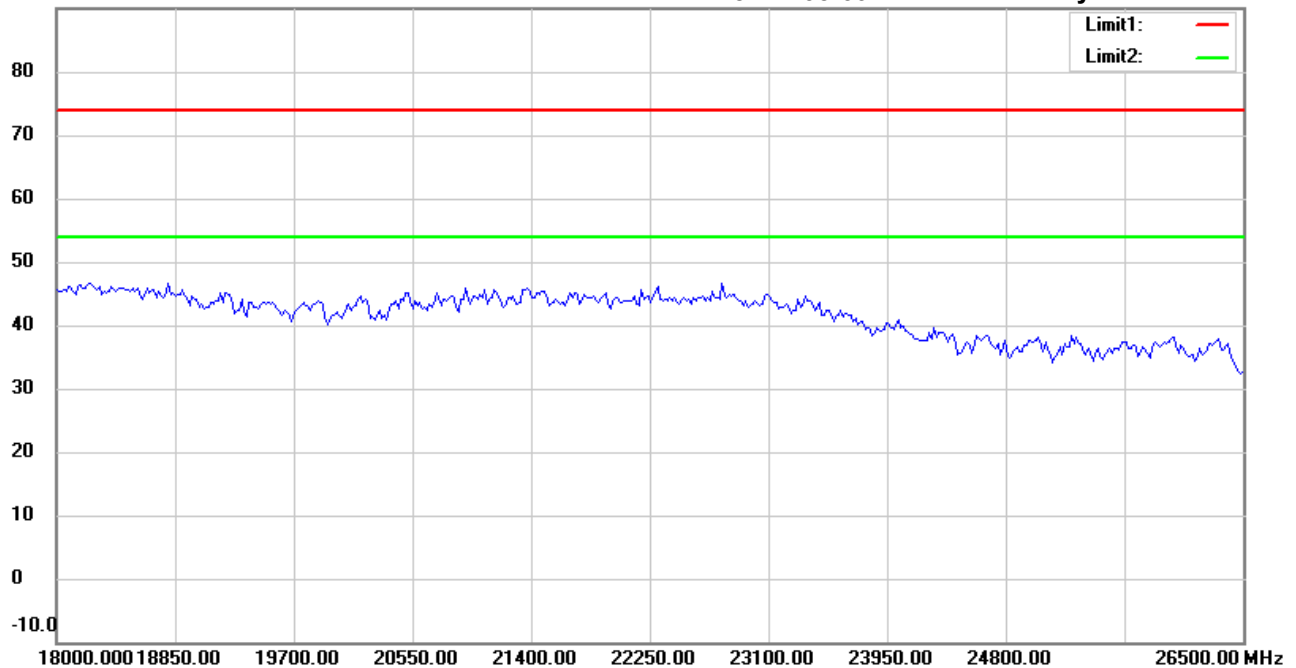
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:38:39 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #10

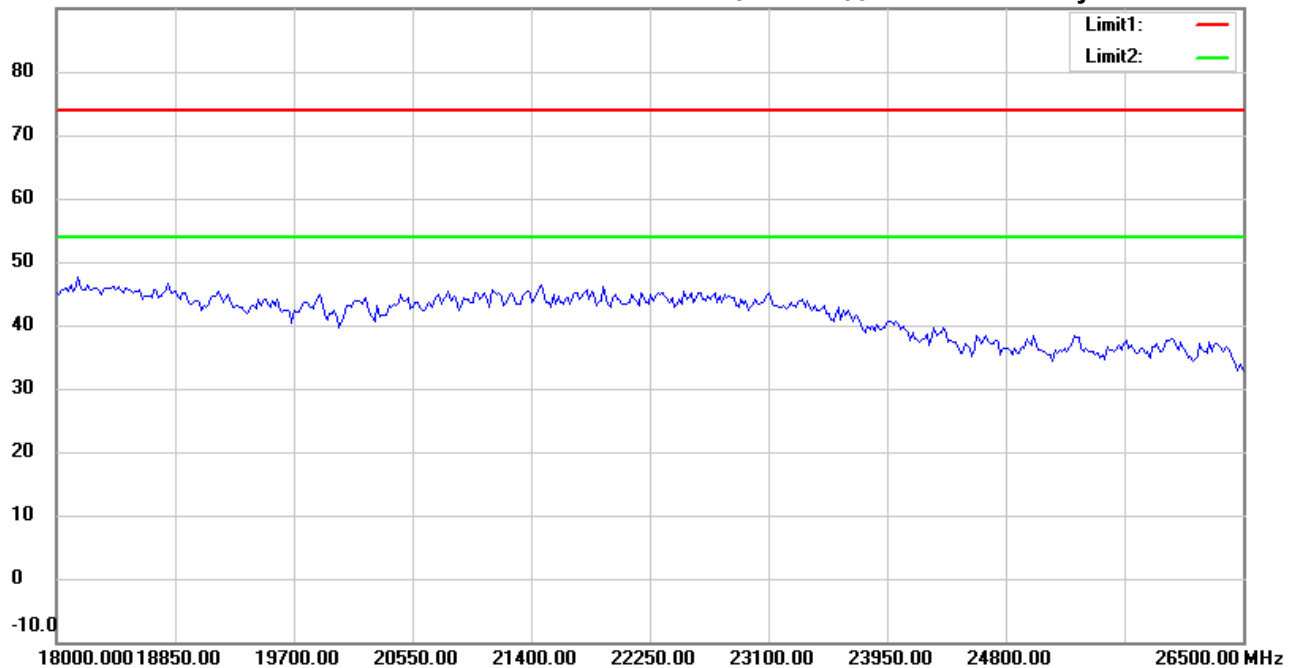
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:42:03 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

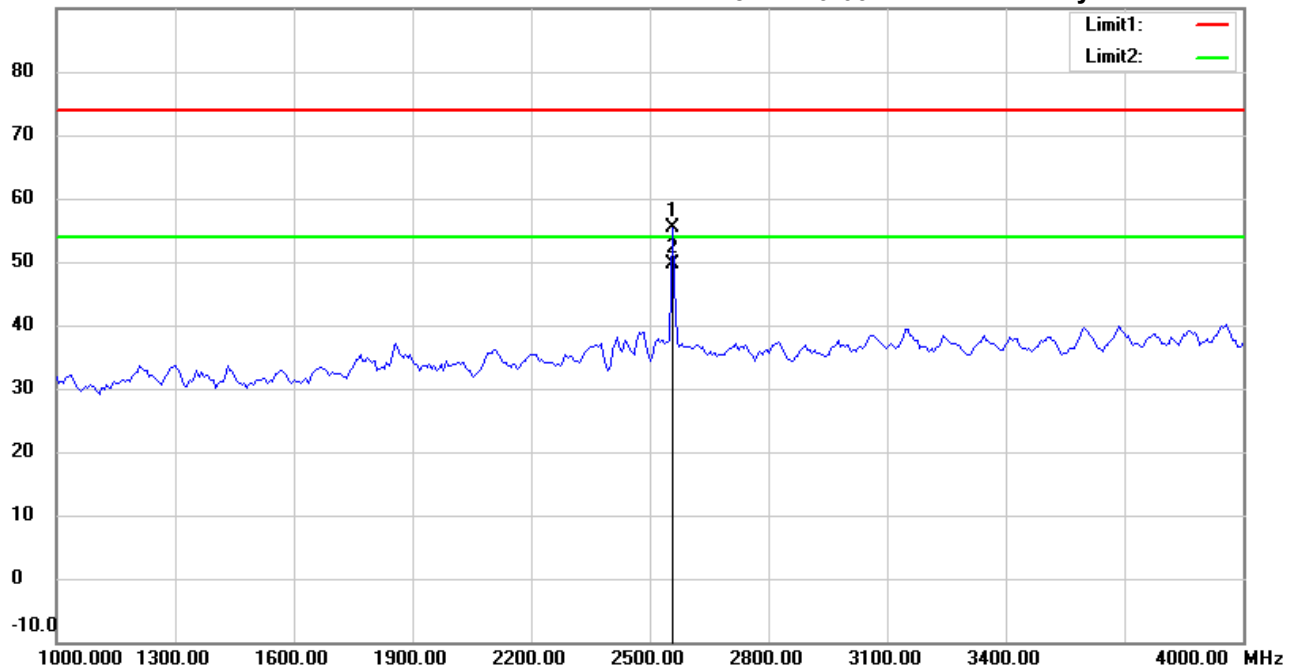
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:49:03 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	60.37	peak	-4.96	55.41	74.00	150	235	-18.59	
*	2557.114	54.67	AVG	-4.96	49.71	54.00	150	235	-4.29	

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



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

Operator: Leon

File :3

Data :#6

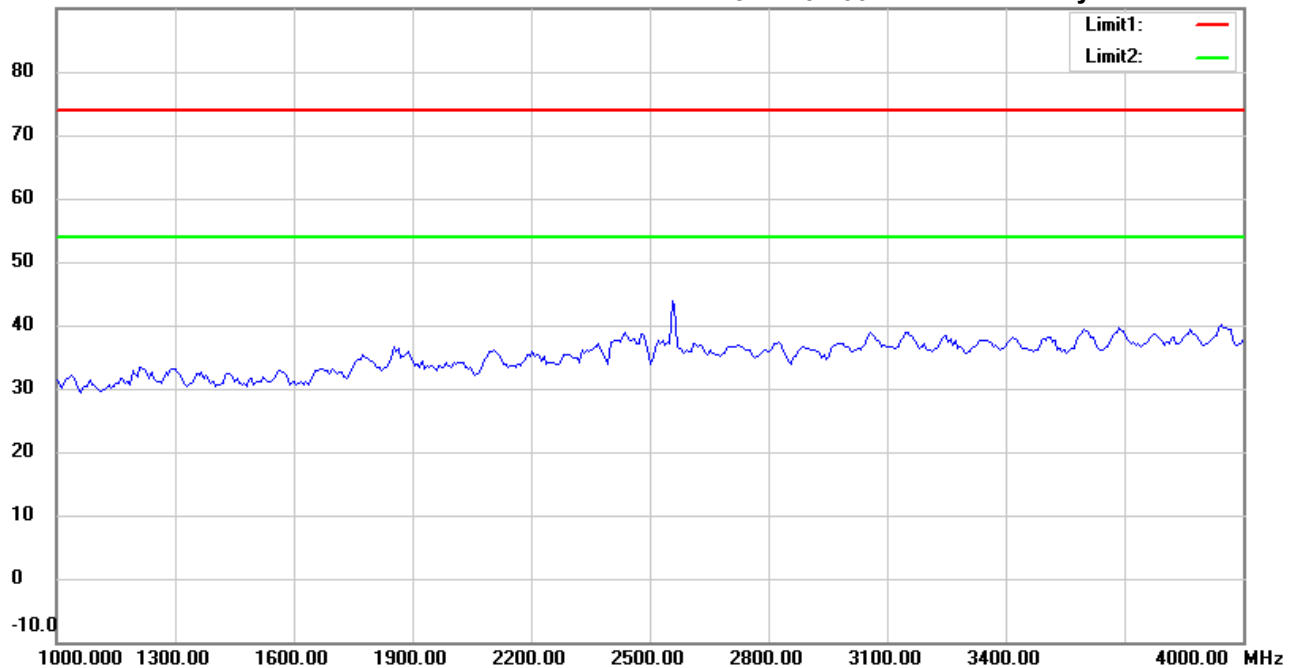
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 12:52:33 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File :3

Data :#2

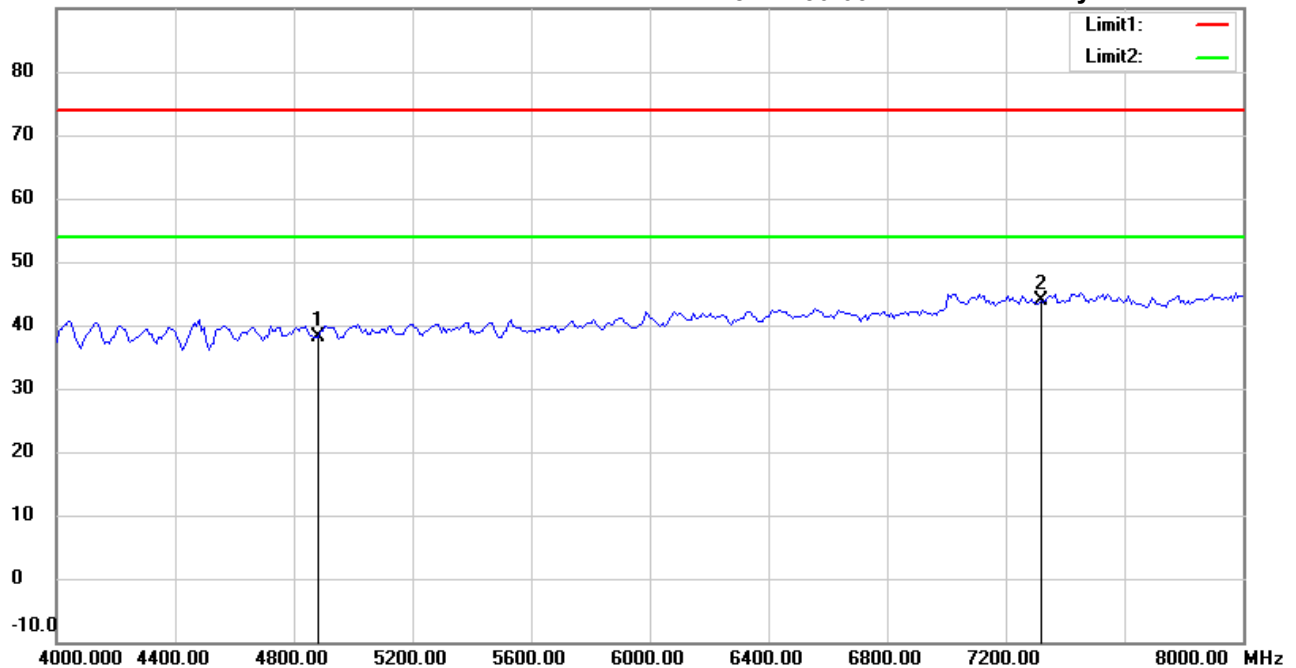
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:50:03 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4874.000	39.94	peak	-1.70	38.24	74.00	150	96	-35.76	
*	7311.000	40.56	peak	3.42	43.98	74.00	150	275	-30.02	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

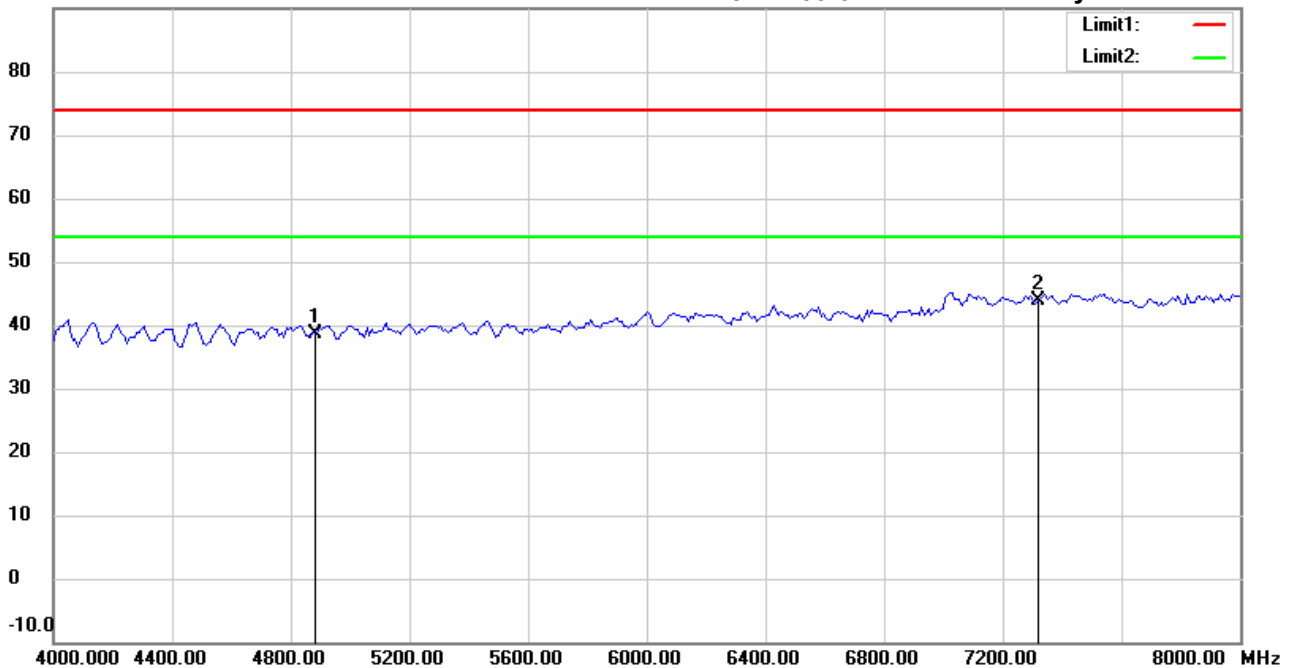
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:53:34 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.44	peak	-1.70	38.74	74.00	150	275	-35.26	
*	7311.000	40.42	peak	3.42	43.84	74.00	150	140	-30.16	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

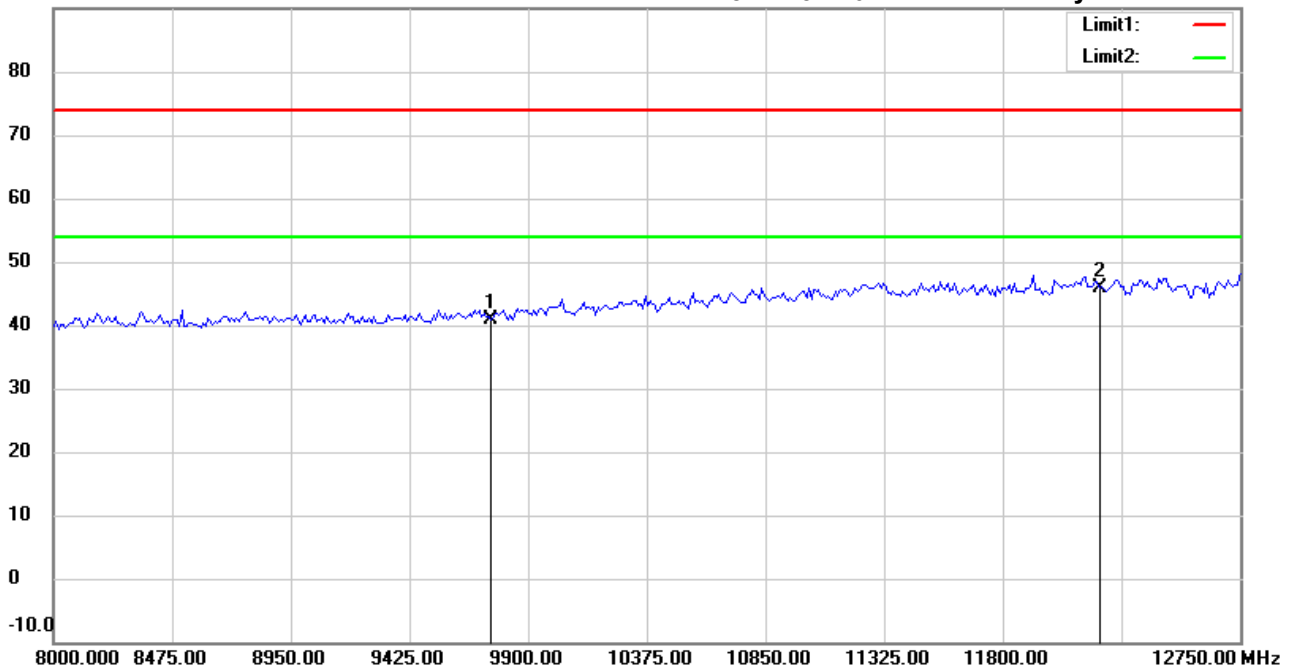
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:51:10 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	34.09	peak	6.75	40.84	74.00	150	110	-33.16	
*	12185.000	32.93	peak	12.83	45.76	74.00	150	127	-28.24	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

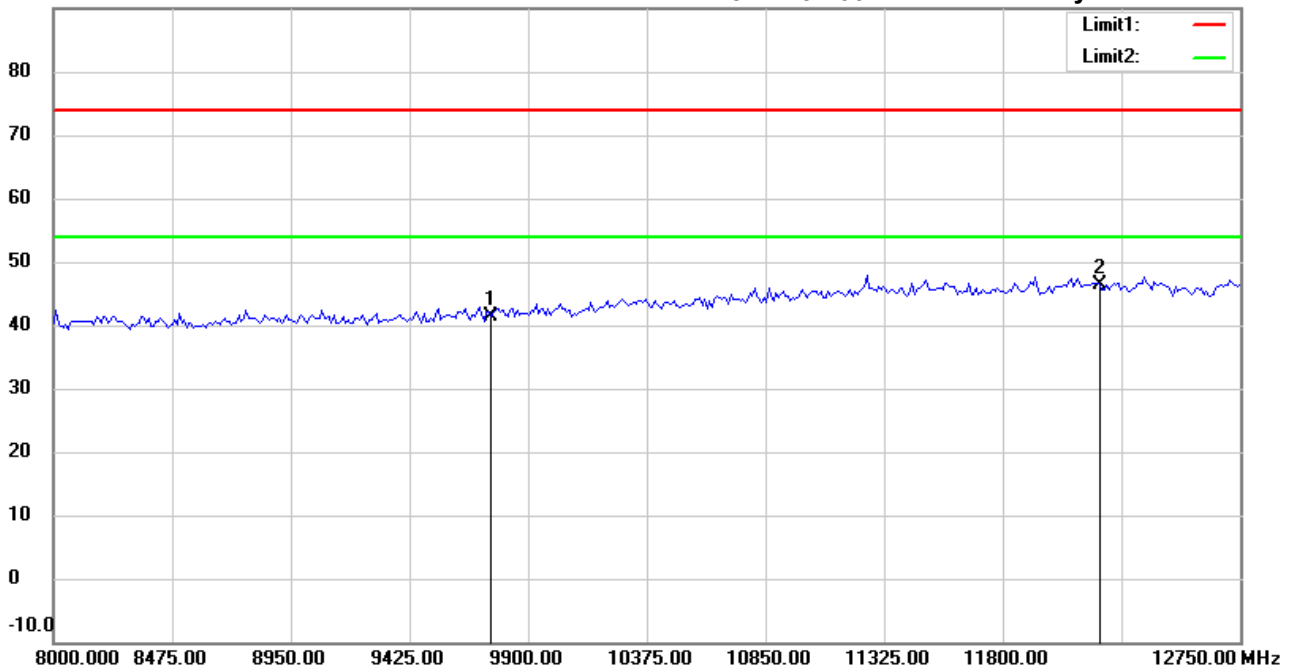
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:54:33 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9748.000	34.53	peak	6.75	41.28	74.00	150	63	-32.72	
*	12185.000	33.56	peak	12.83	46.39	74.00	150	91	-27.61	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

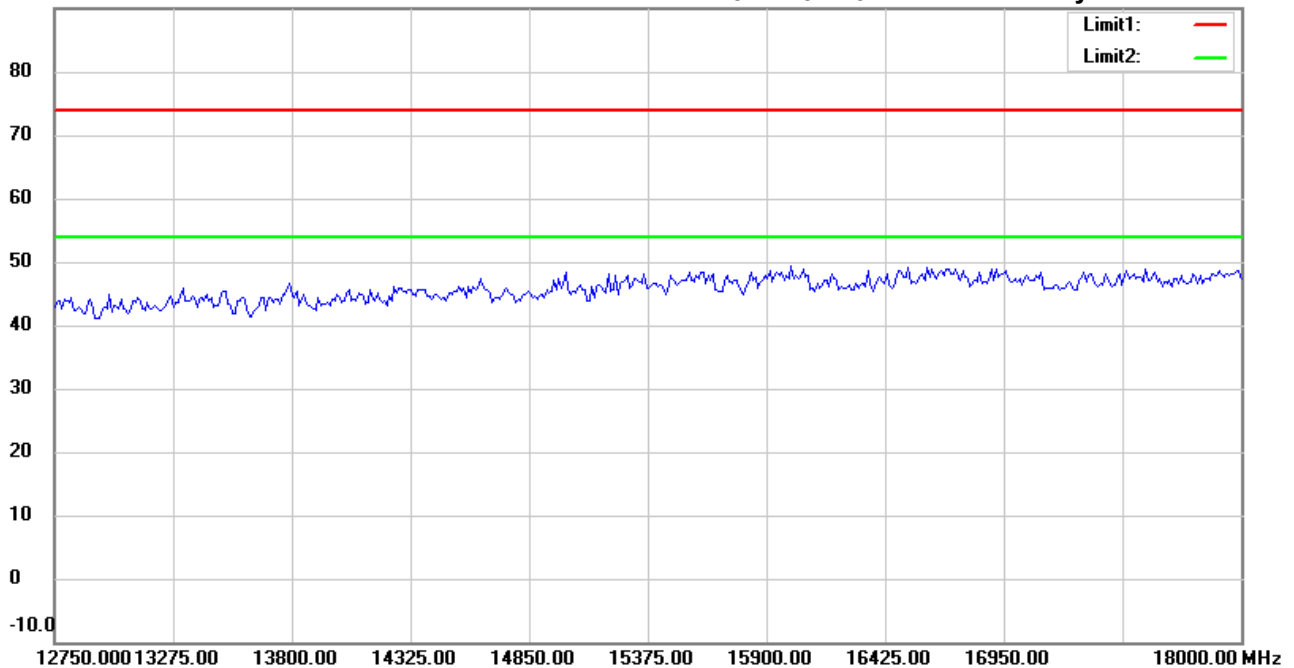
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:51:23 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #9

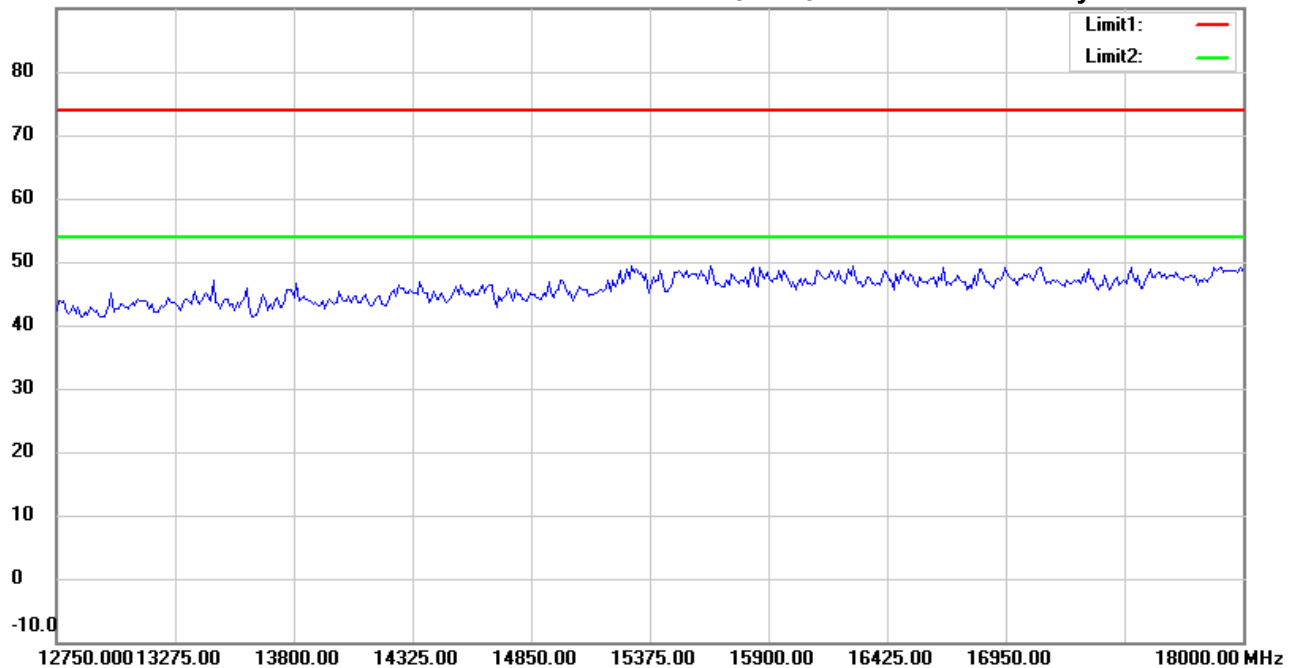
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:54:47 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

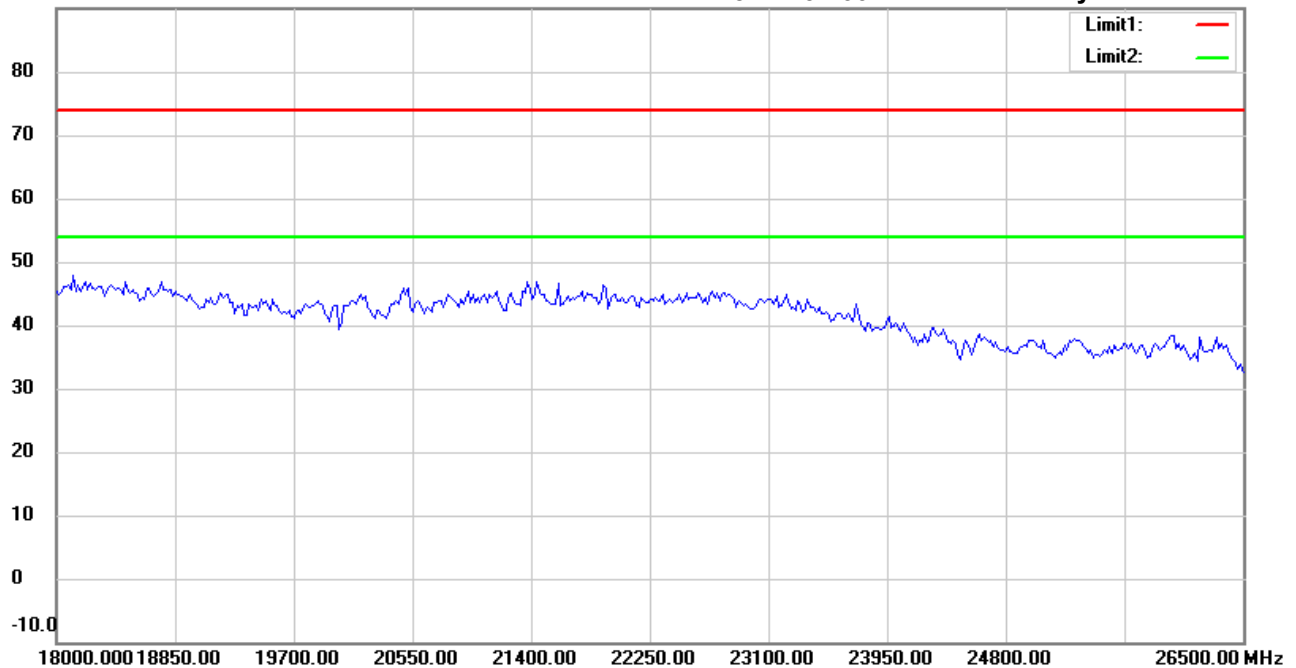
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:51:33 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #10

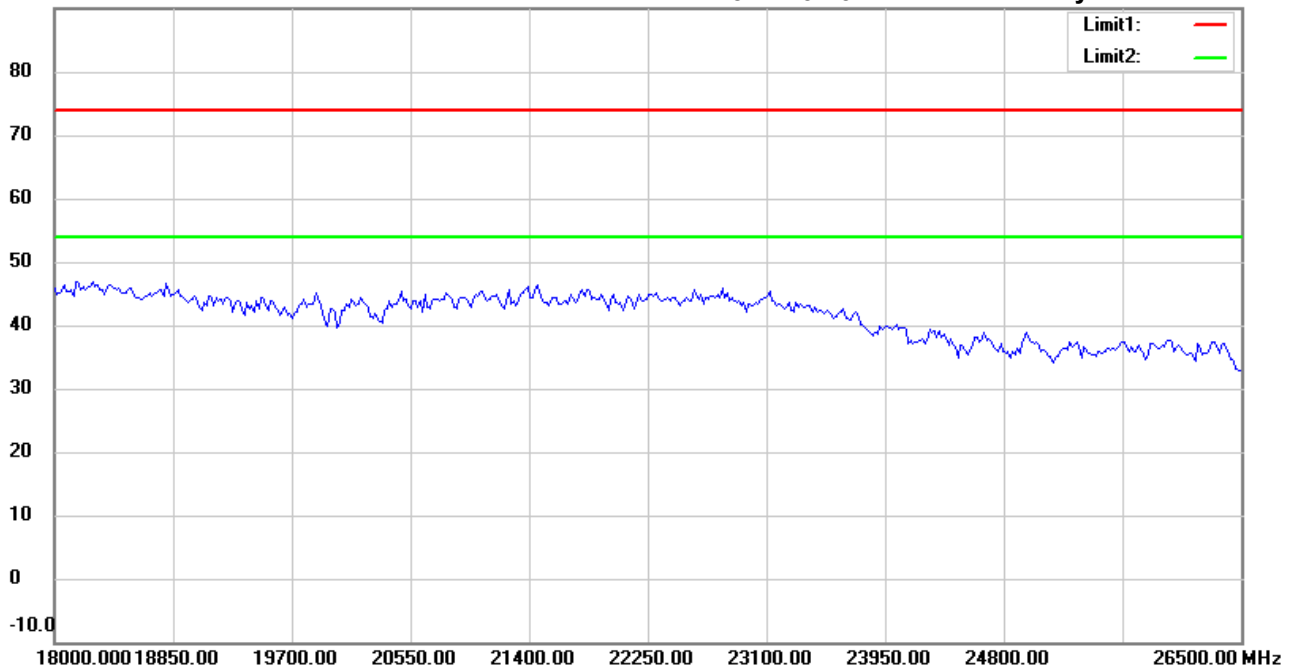
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 12:54:57 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

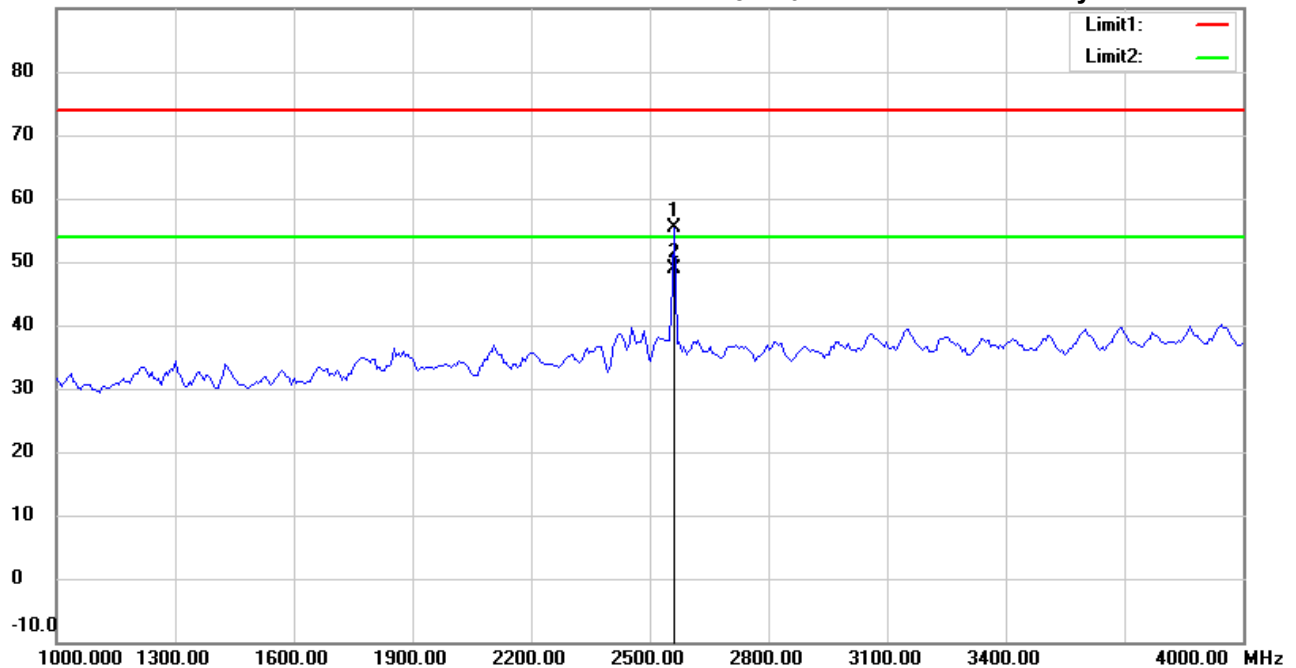
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:04:21 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2563.126	60.36	peak	-5.00	55.36	74.00	150	21	-18.64	
*	2563.126	53.98	AVG	-5.00	48.98	54.00	150	21	-5.02	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

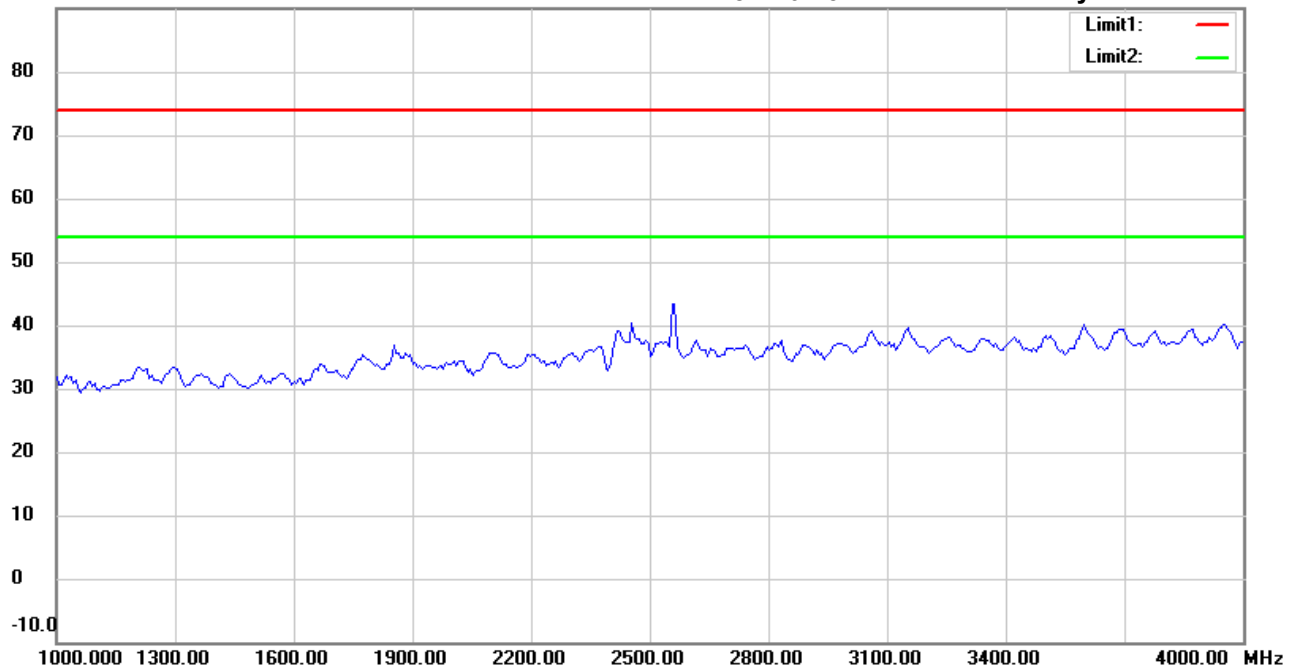
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:07:52 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

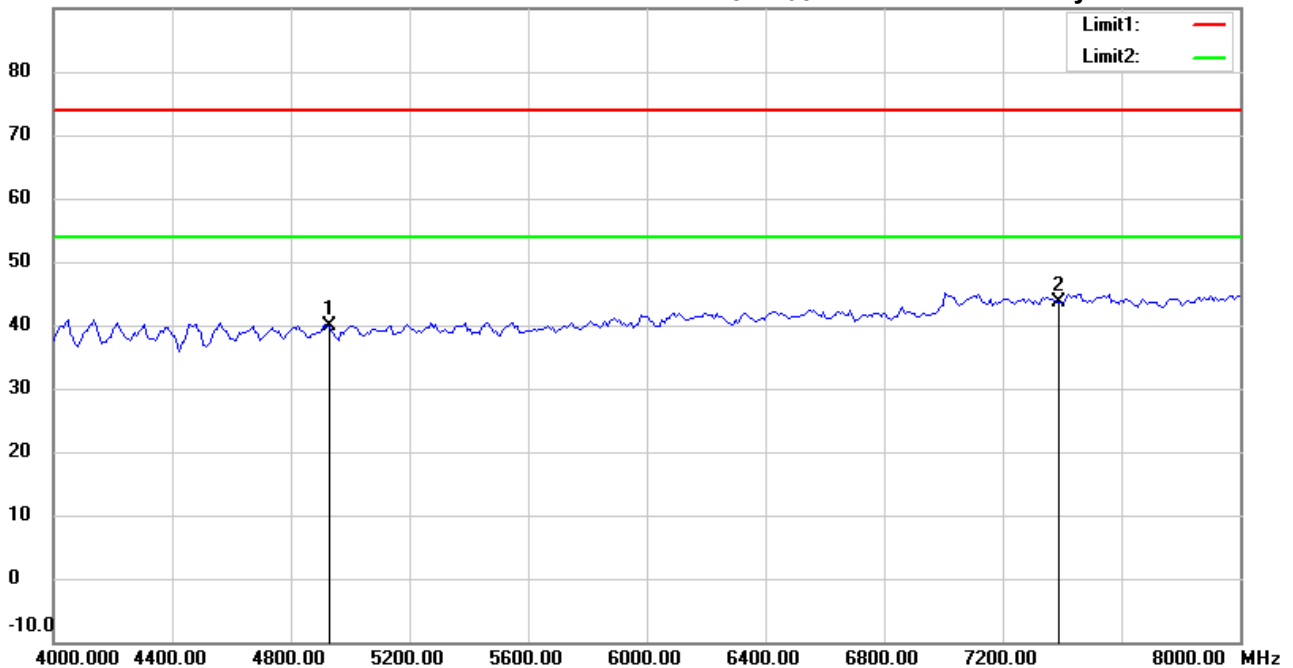
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:05:22 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	41.32	peak	-1.51	39.81	74.00	150	35	-34.19	
*	7386.000	39.83	peak	3.72	43.55	74.00	150	240	-30.45	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

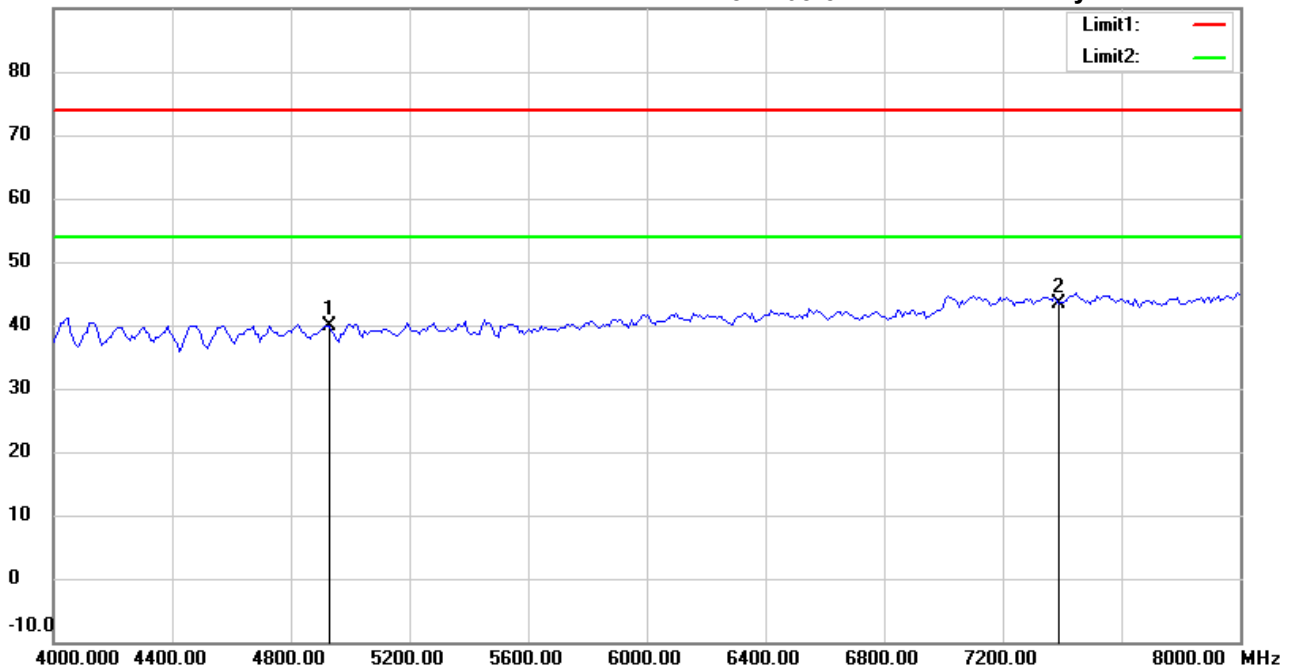
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:08:52 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	41.40	peak	-1.51	39.89	74.00	150	169	-34.11	
*	7386.000	39.77	peak	3.72	43.49	74.00	150	230	-30.51	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

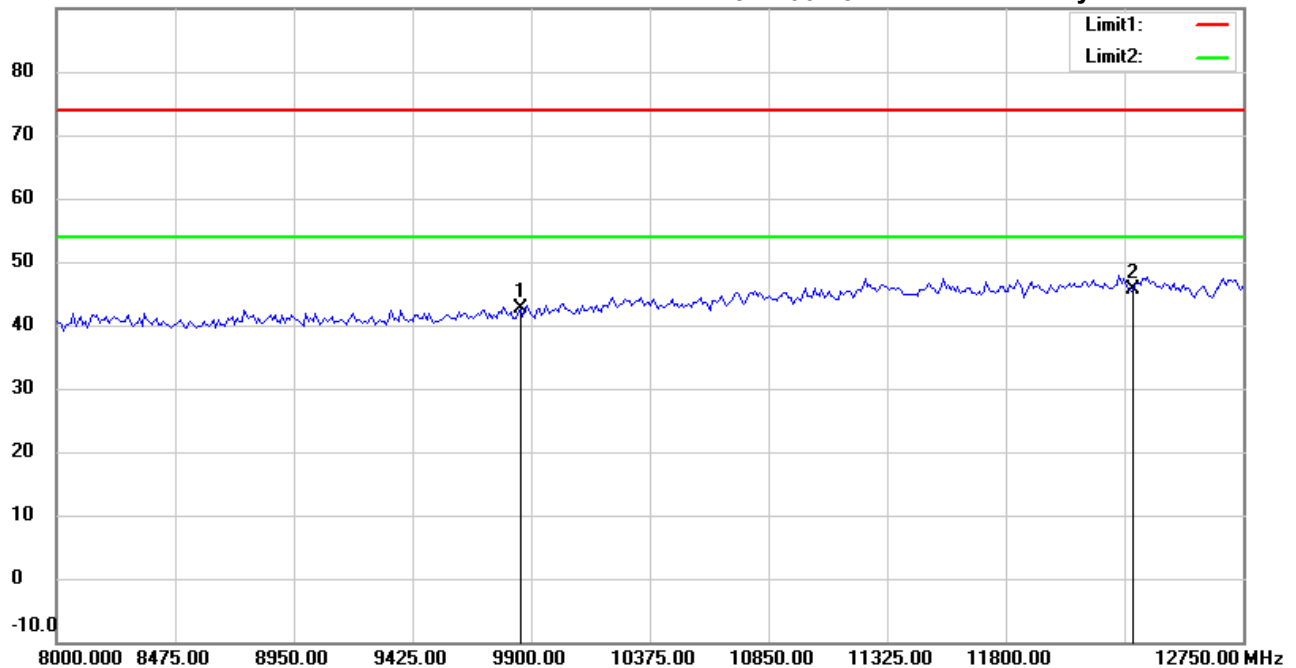
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:06:28 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9848.000	35.59	peak	6.96	42.55	74.00	150	96	-31.45	
*	12310.000	33.44	peak	12.18	45.62	74.00	150	270	-28.38	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

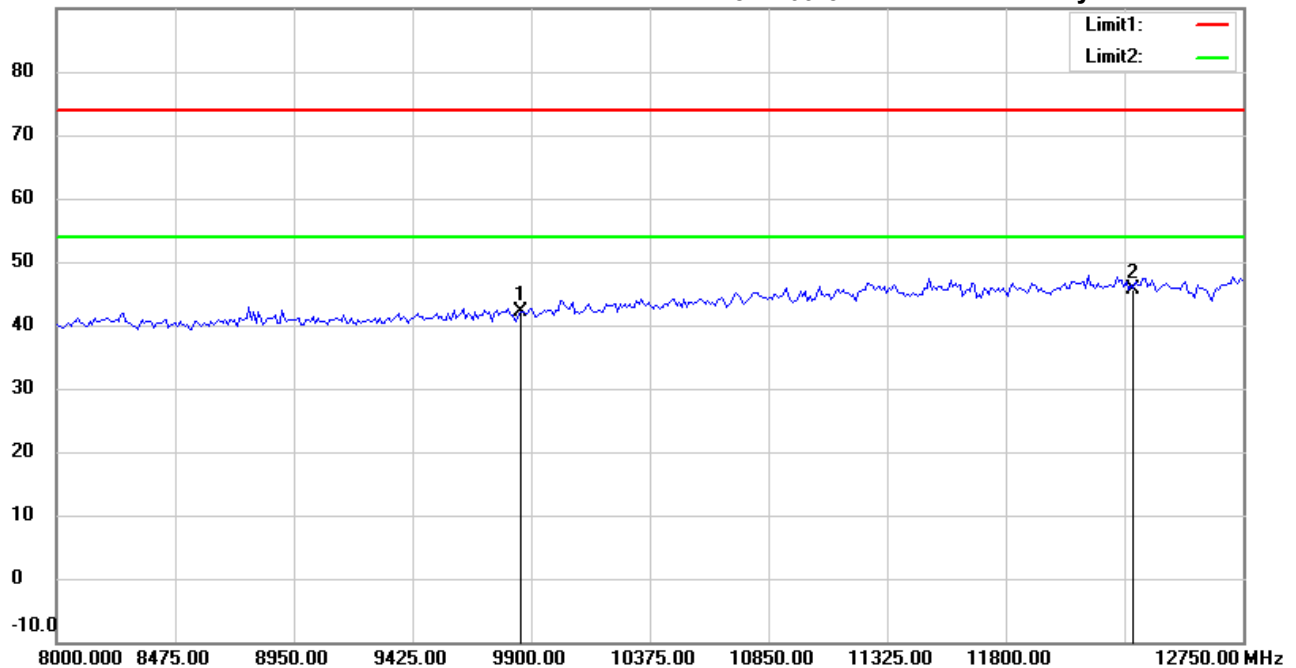
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:09:52 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	35.18	peak	6.96	42.14	74.00	150	80	-31.86	
*	12310.000	33.57	peak	12.18	45.75	74.00	150	220	-28.25	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

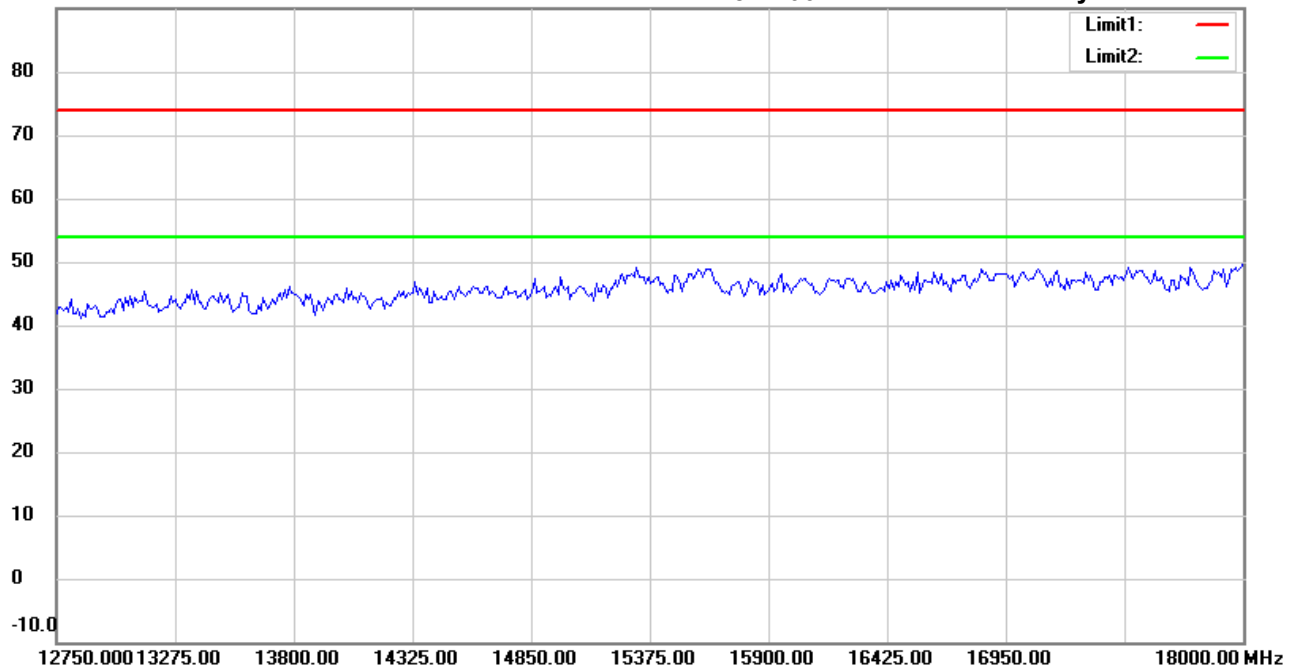
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:06:42 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #9

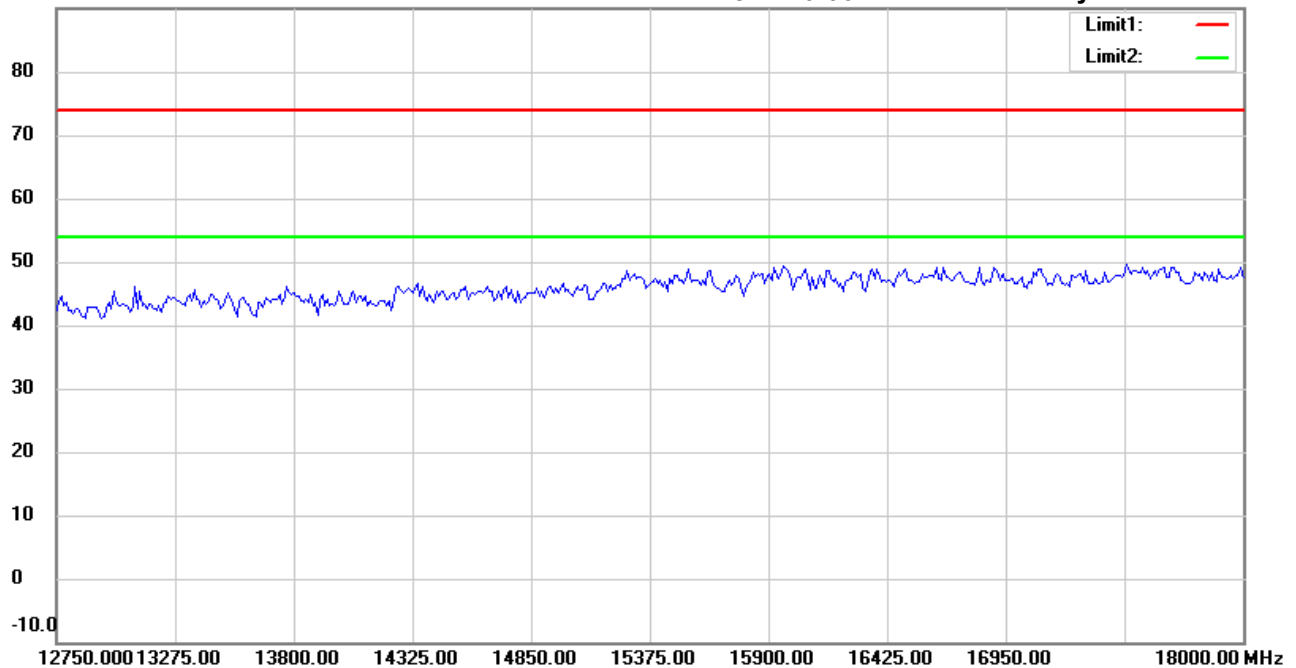
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:10:06 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

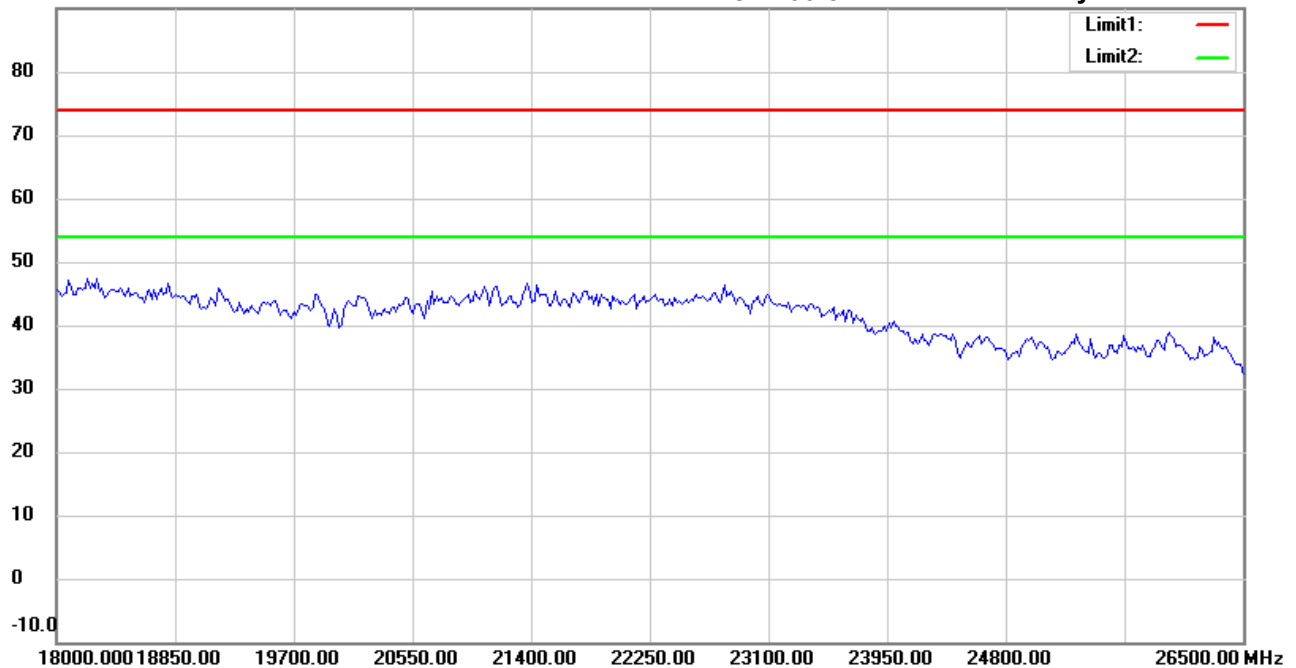
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:06:52 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #10

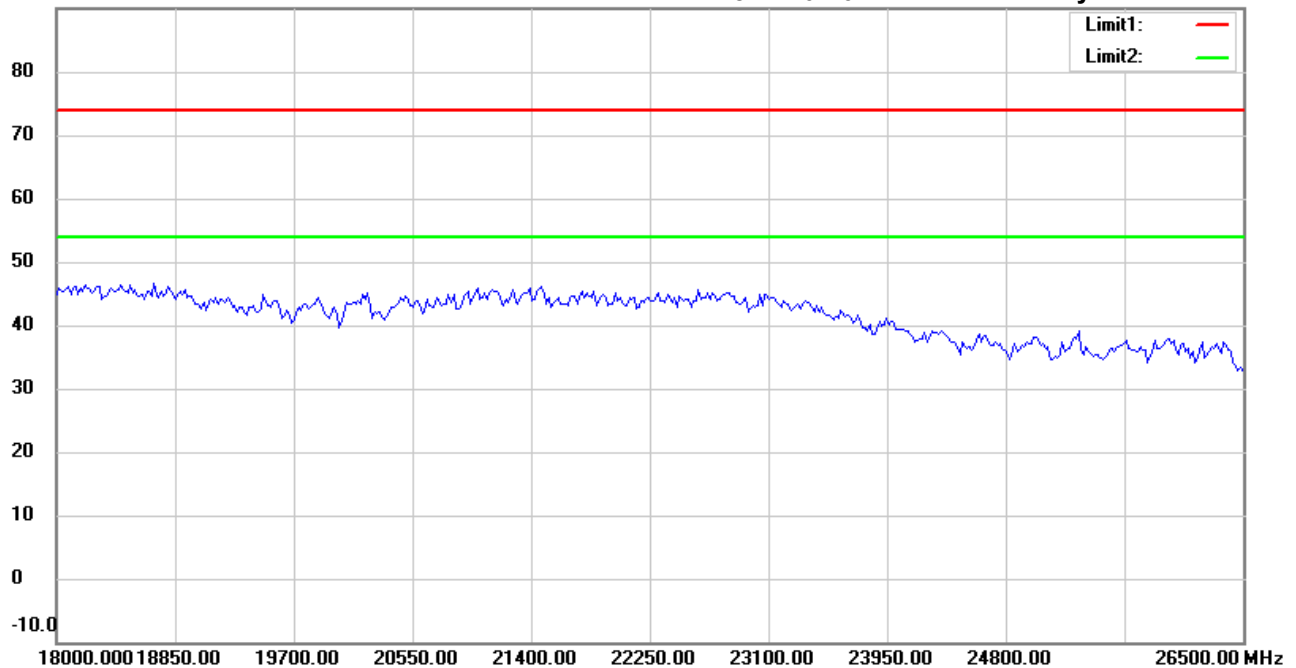
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:10:16 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



Radiated Emission Measurement

Operator: Allen

File : 1_WiFi 2

Data : #1

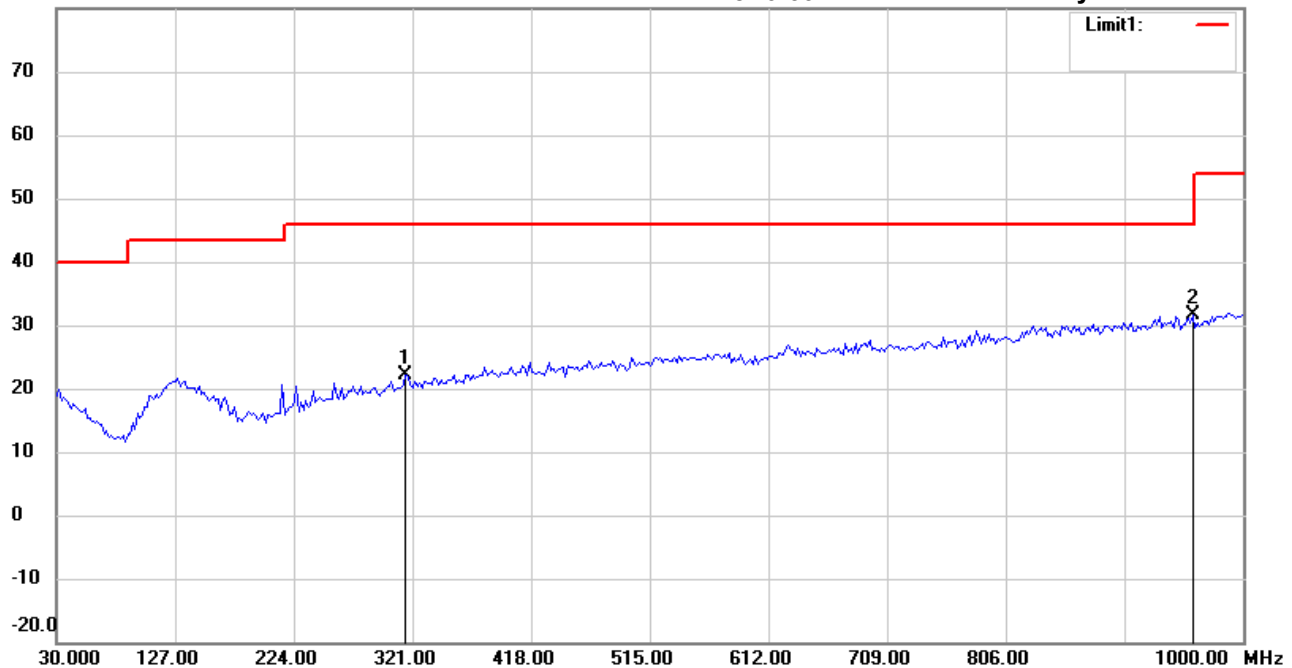
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:39:42 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21911-19475

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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
	315.7515	28.00	peak	-5.89	22.11	46.00	100	280	-23.89	
*	959.1784	27.21	peak	4.37	31.58	46.00	100	35	-14.42	



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Radiated Emission Measurement

Operator: Allen

File : 1_WiFi 2

Data : #2

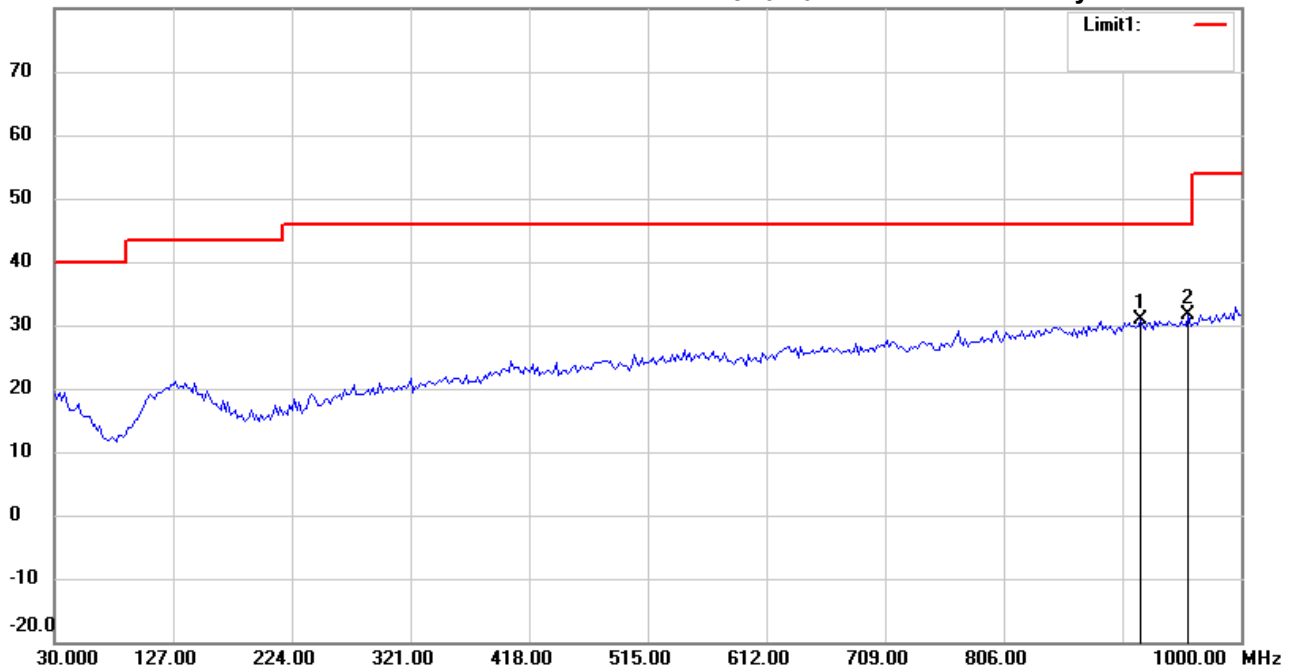
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:40:41 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21911-19475

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
	918.3567	27.39	peak	3.58	30.97	46.00	100	200	-15.03	
*	957.2345	27.34	peak	4.34	31.68	46.00	100	155	-14.32	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

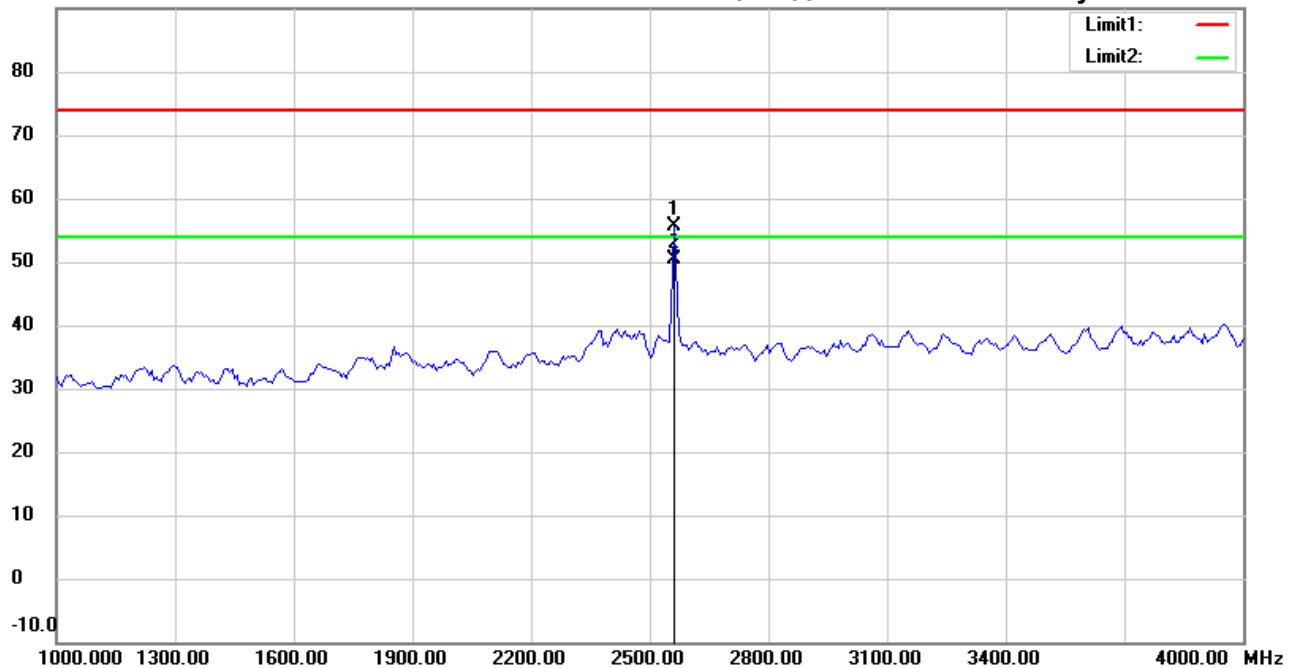
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:53:47 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2563.126	60.61	peak	-5.00	55.61	74.00	151	163	-18.39	
*	2563.126	55.38	AVG	-5.00	50.38	54.00	151	163	-3.62	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

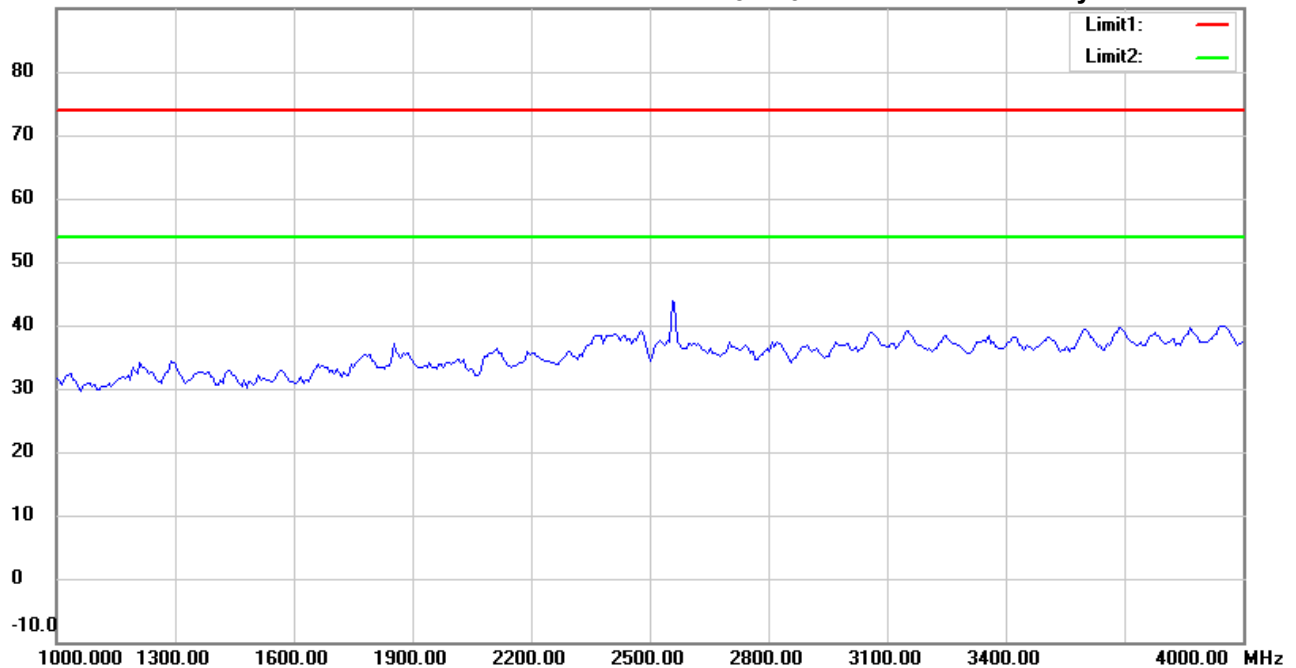
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 1:57:17 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File :3

Data :#2

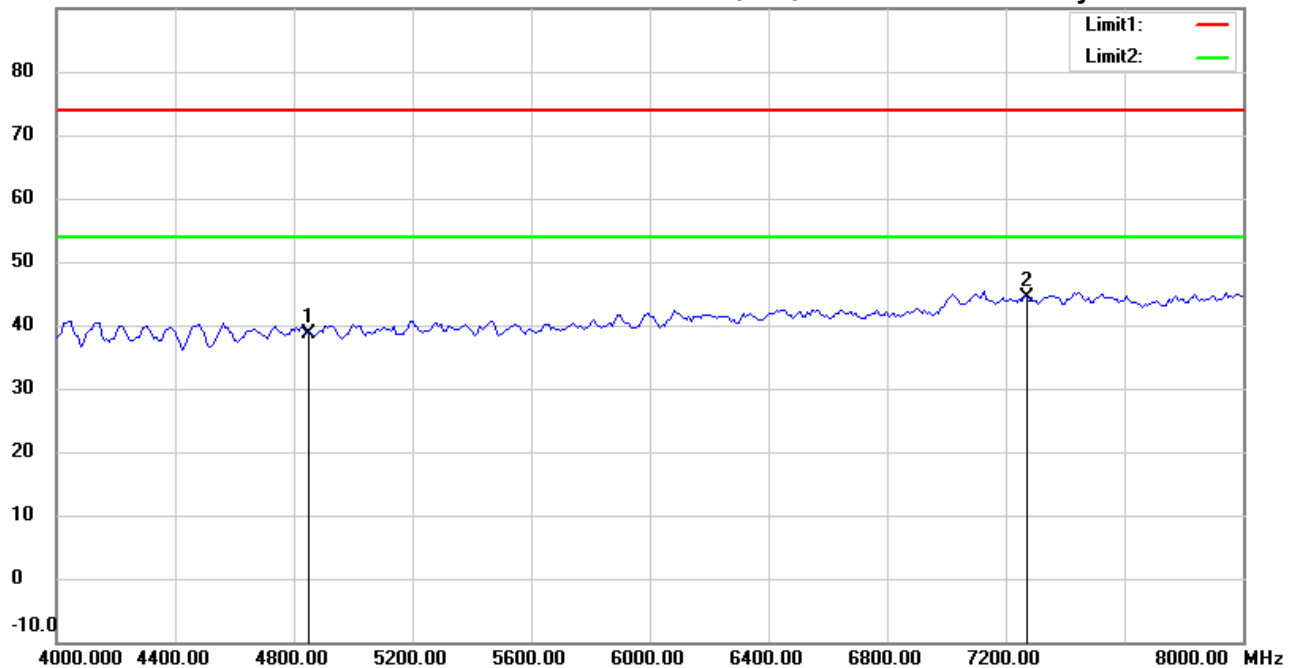
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:54:47 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.39	peak	-1.81	38.58	74.00	150	65	-35.42	
*	7266.000	41.16	peak	3.32	44.48	74.00	150	270	-29.52	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

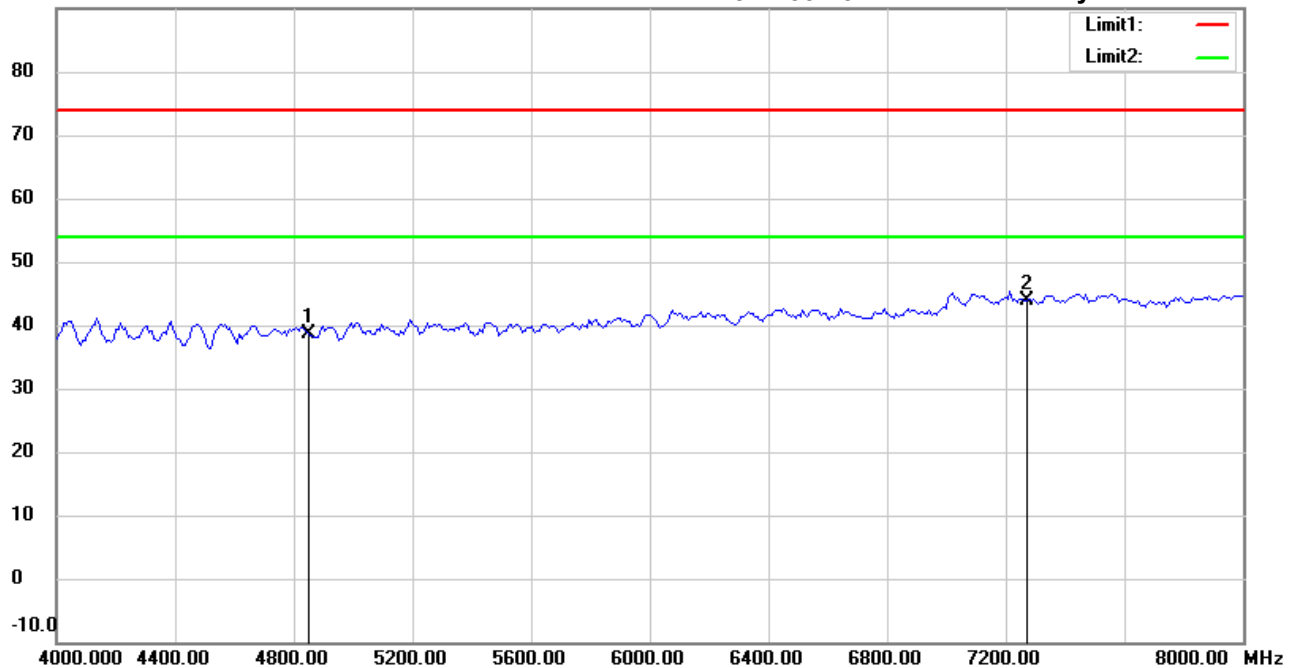
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:58:18 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.40	peak	-1.81	38.59	74.00	150	73	-35.41	
*	7266.000	40.63	peak	3.32	43.95	74.00	150	90	-30.05	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

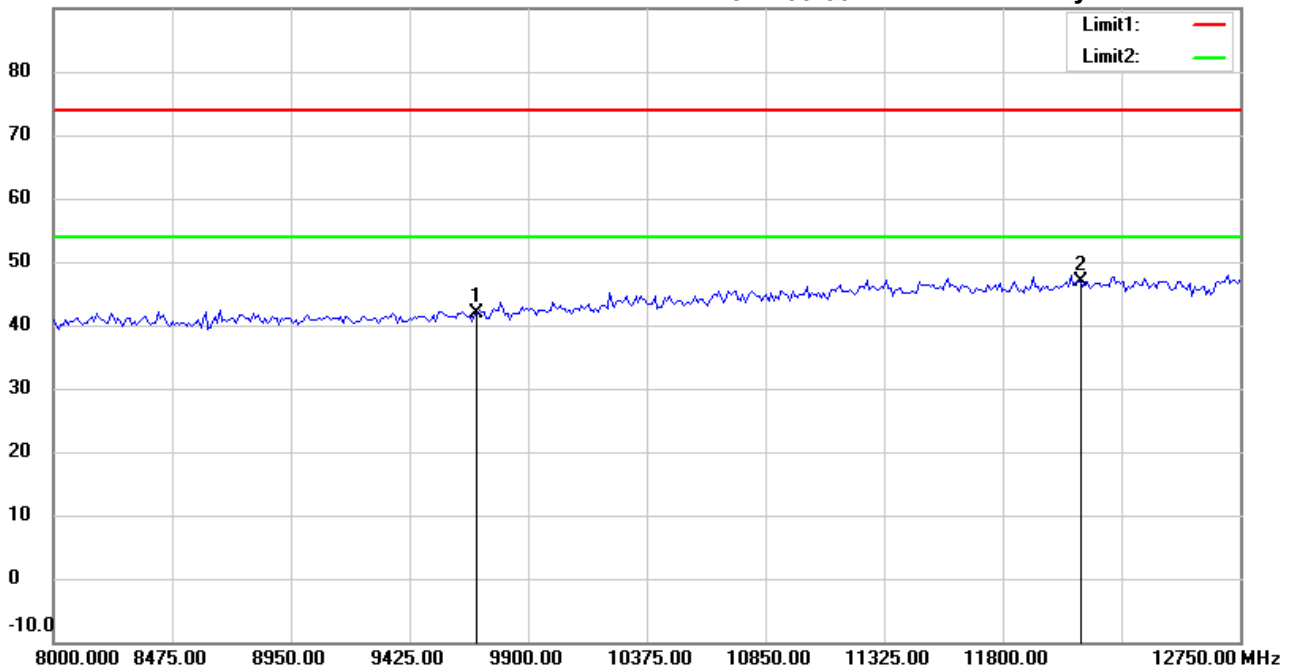
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:55:53 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9688.000	35.27	peak	6.67	41.94	74.00	150	127	-32.06	
*	12110.000	34.27	peak	12.71	46.98	74.00	150	40	-27.02	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

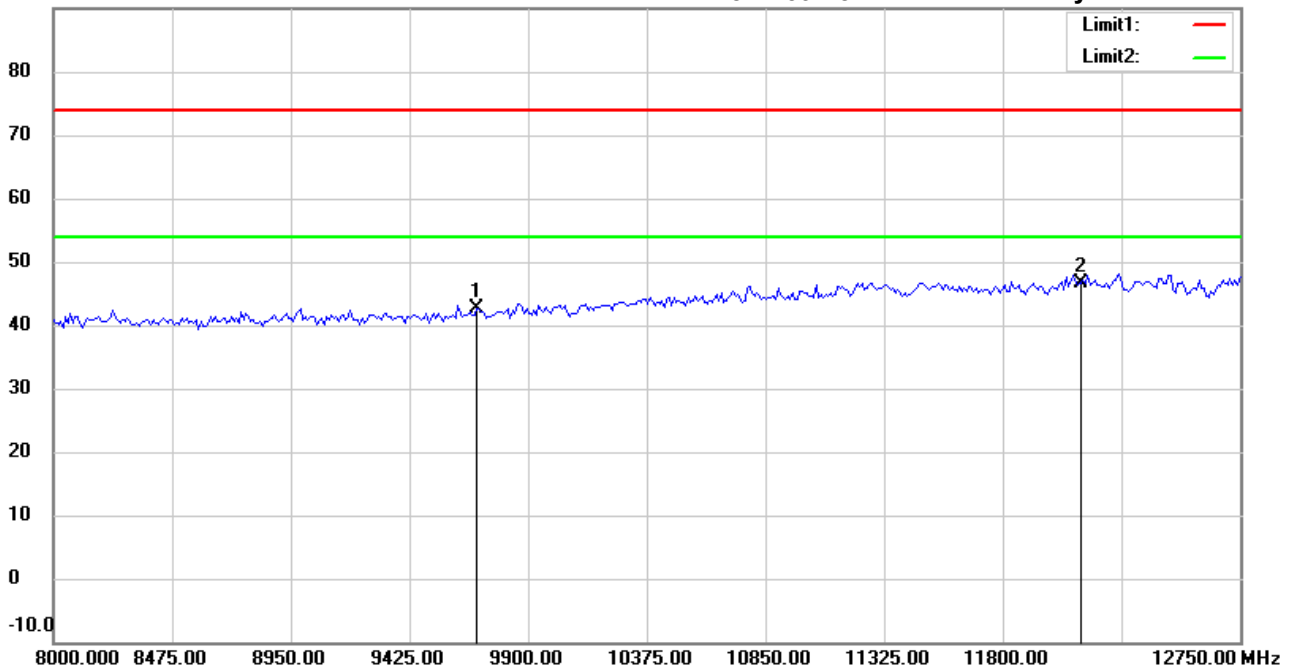
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:59:18 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9688.000	35.96	peak	6.67	42.63	74.00	150	63	-31.37	
*	12110.000	33.94	peak	12.71	46.65	74.00	150	245	-27.35	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

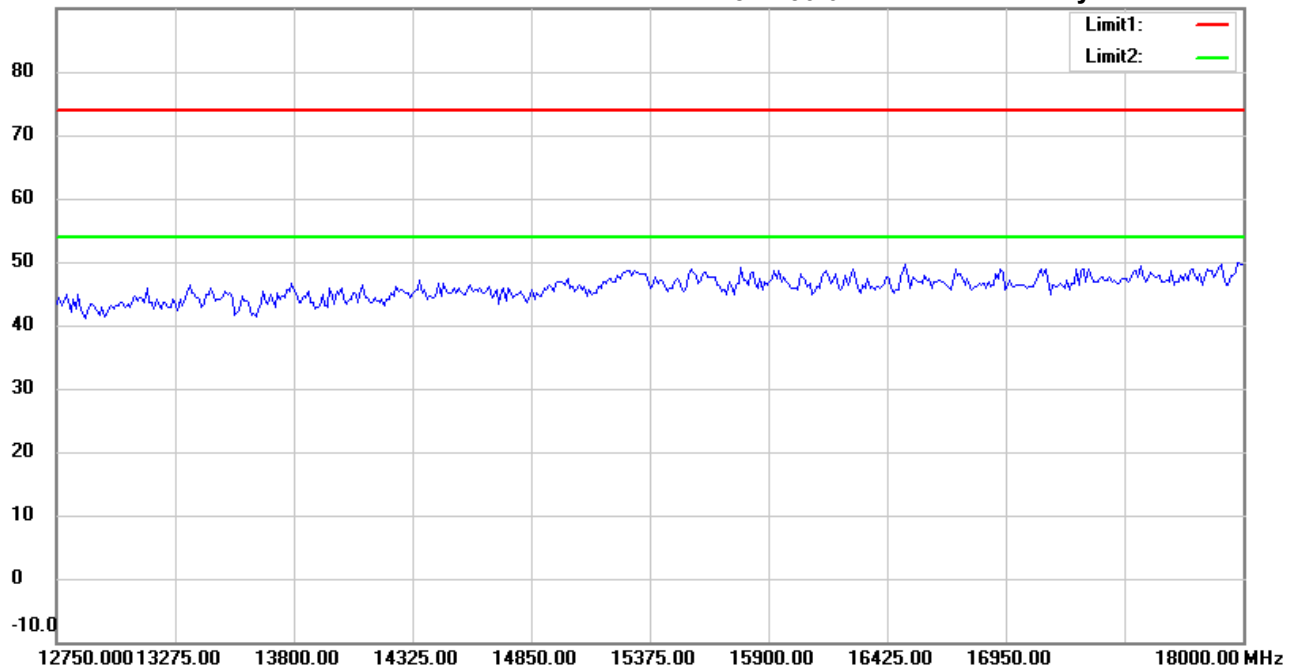
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 1:56:07 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

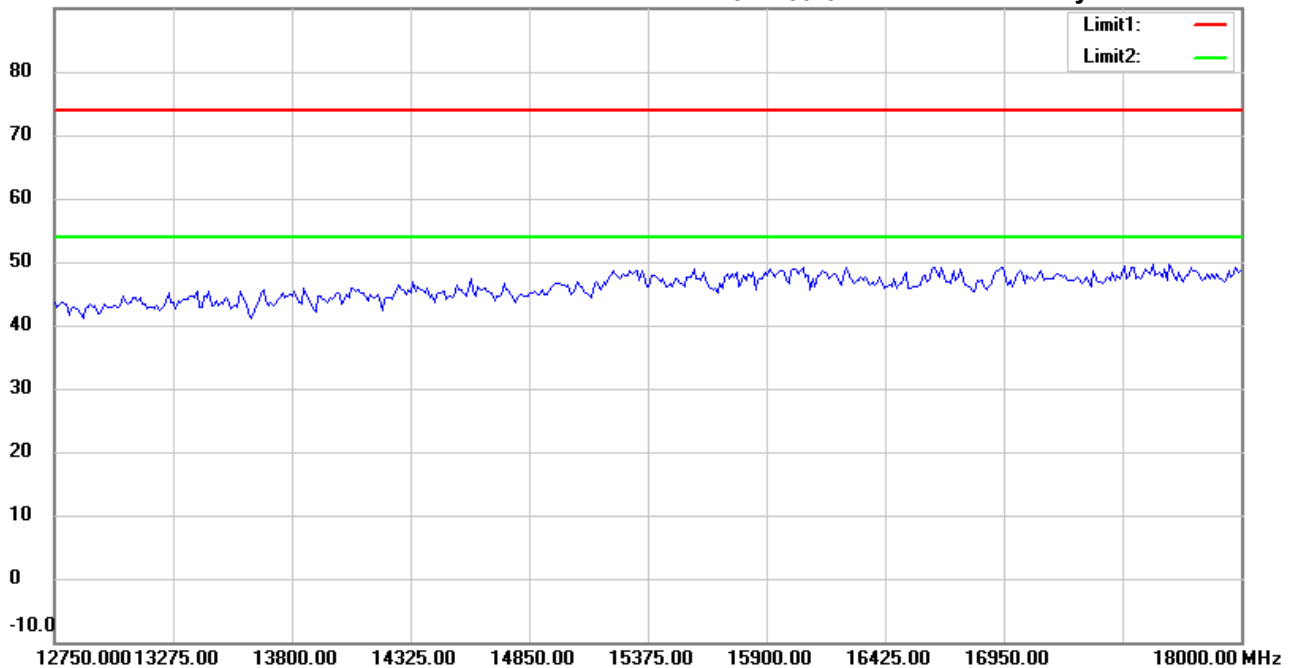
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:59:32 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #5

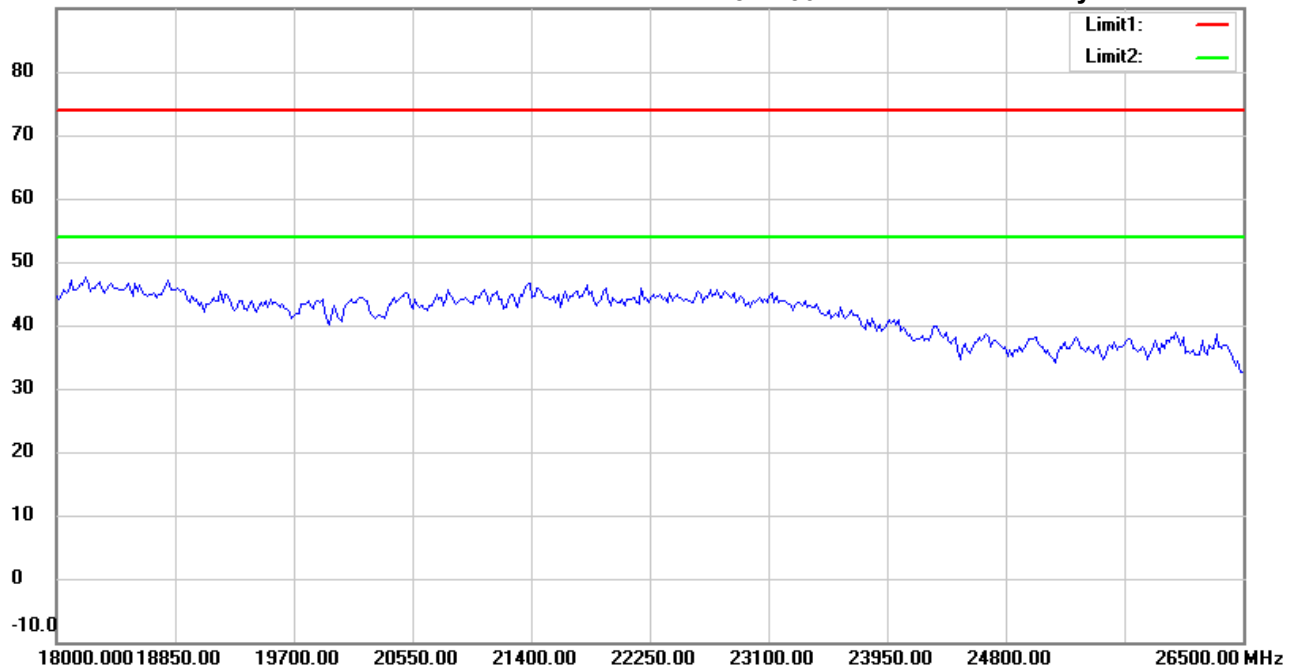
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:56:17 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #10

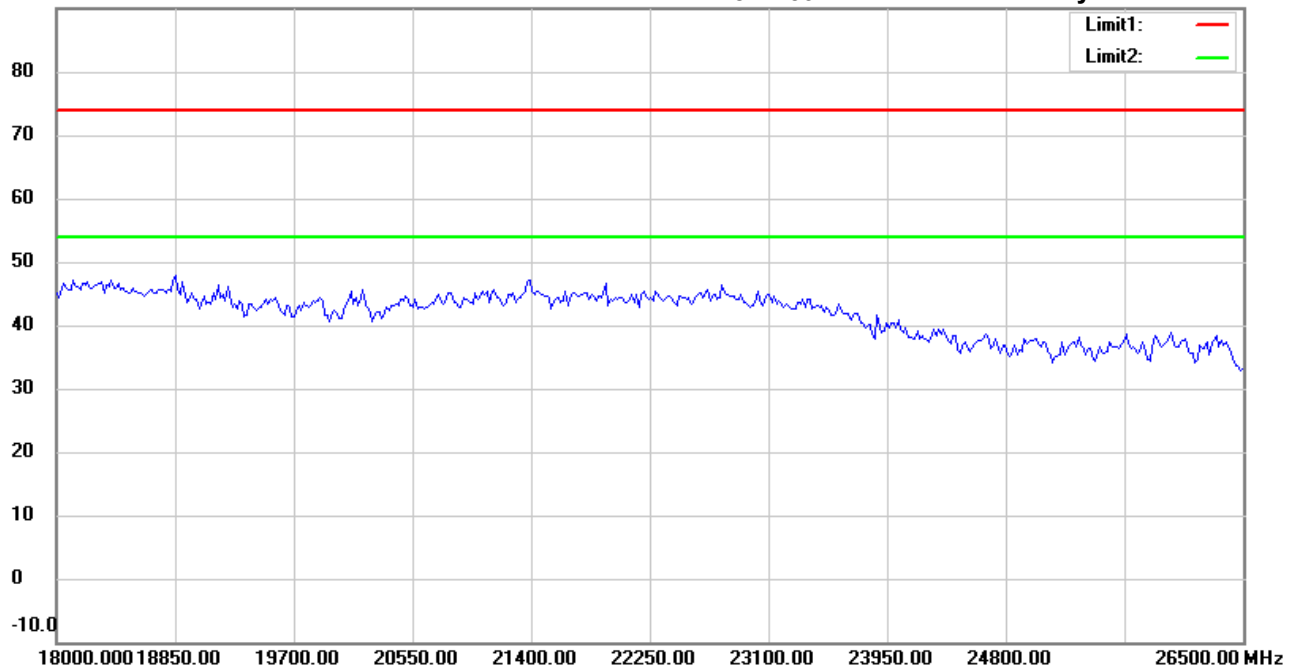
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 1:59:41 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

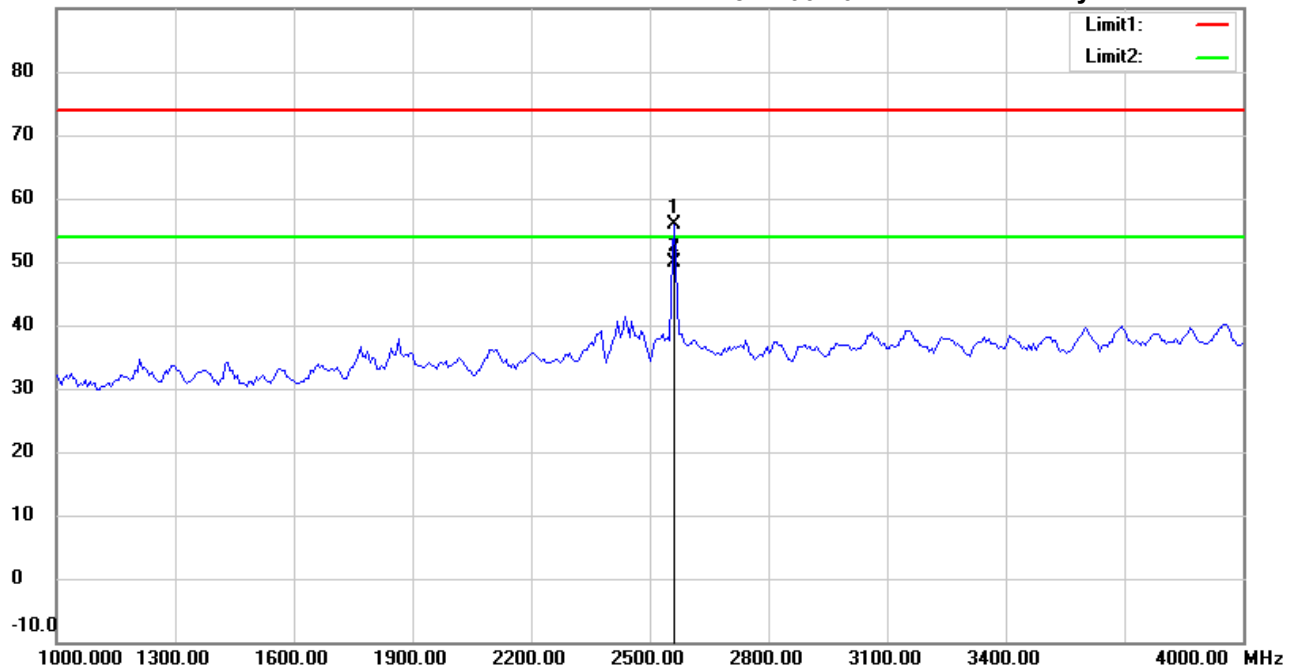
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:06:20 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2563.126	60.76	peak	-5.00	55.76	74.00	150	36	-18.24	
*	2563.126	54.93	AVG	-5.00	49.93	54.00	150	36	-4.07	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

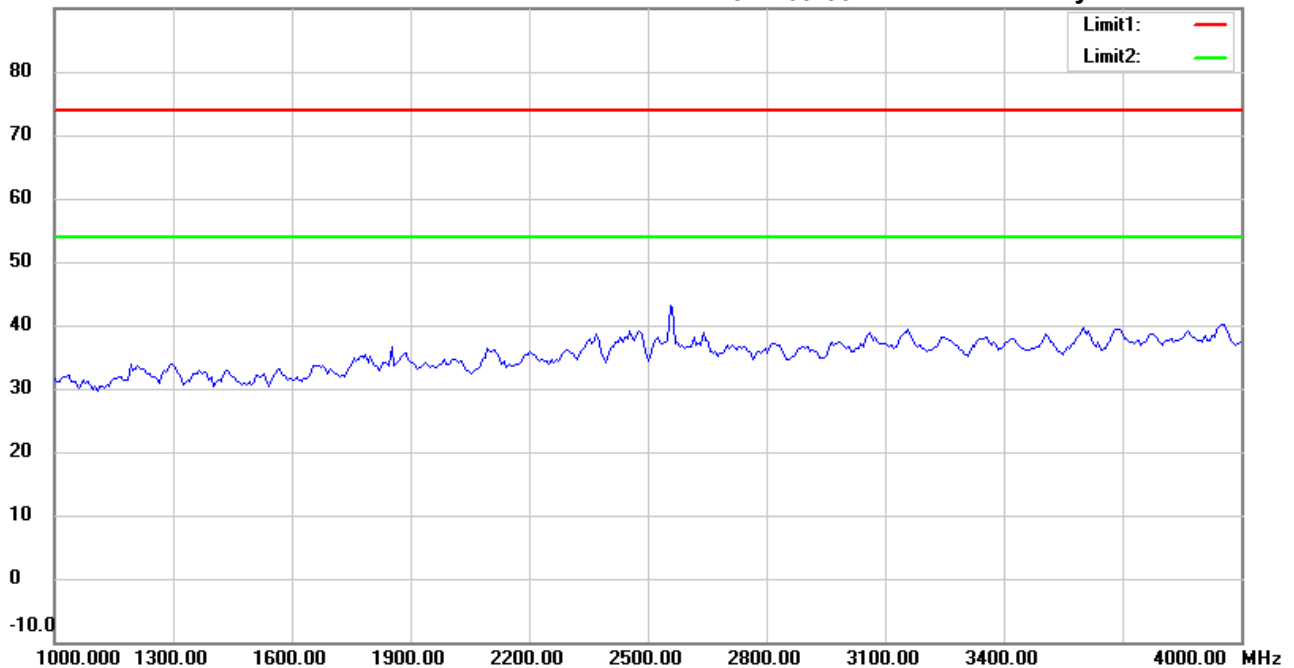
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 2:09:53 PM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

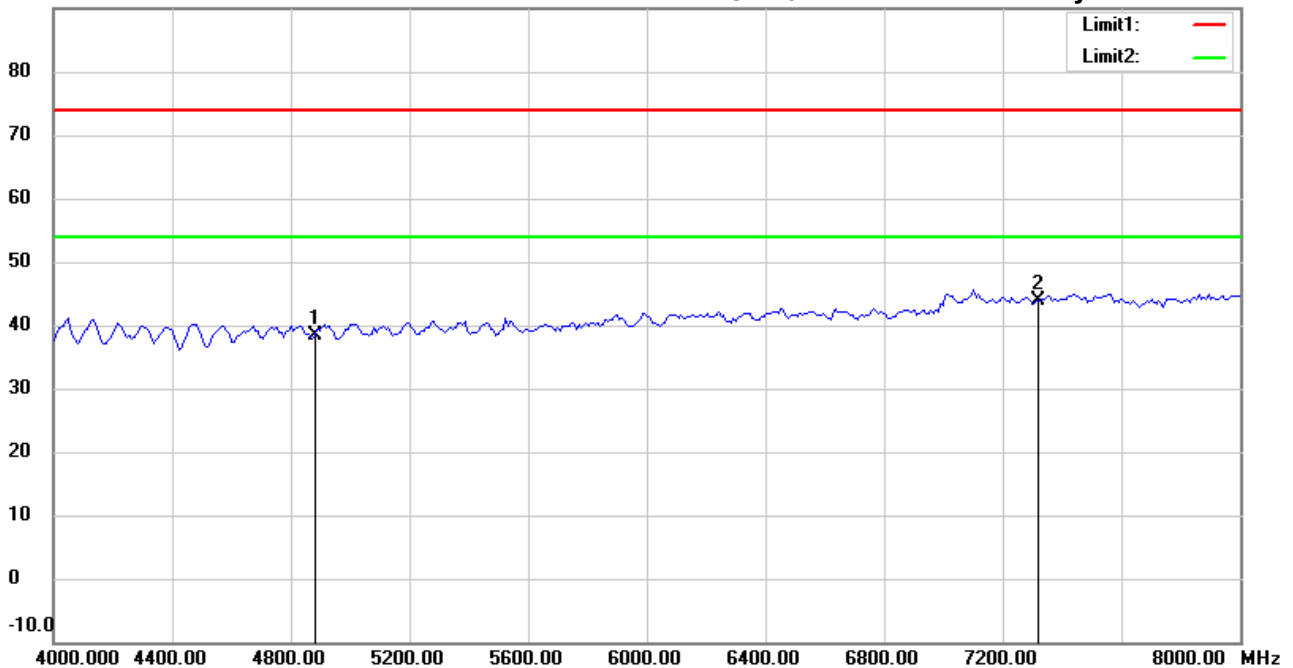
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:07:21 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.01	peak	-1.70	38.31	74.00	150	57	-35.69	
*	7311.000	40.36	peak	3.42	43.78	74.00	150	263	-30.22	

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



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

Operator: Leon

File :3

Data :#7

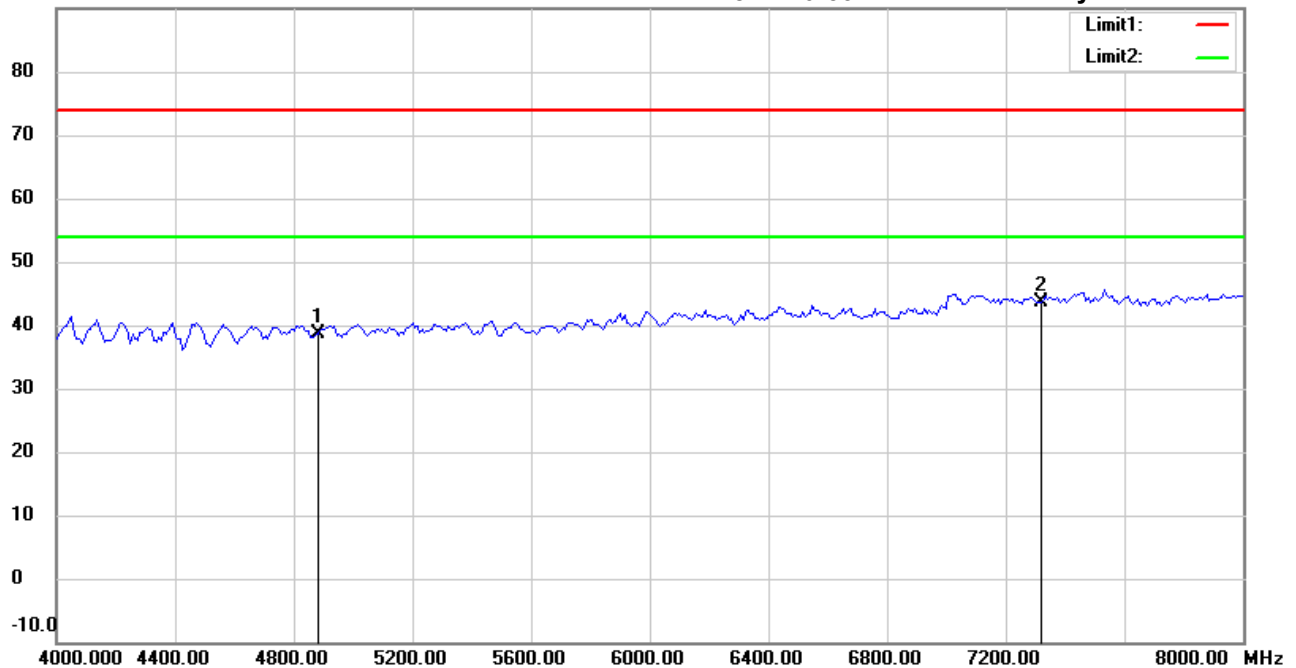
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:10:53 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.30	peak	-1.70	38.60	74.00	150	64	-35.40	
*	7311.000	40.24	peak	3.42	43.66	74.00	150	159	-30.34	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

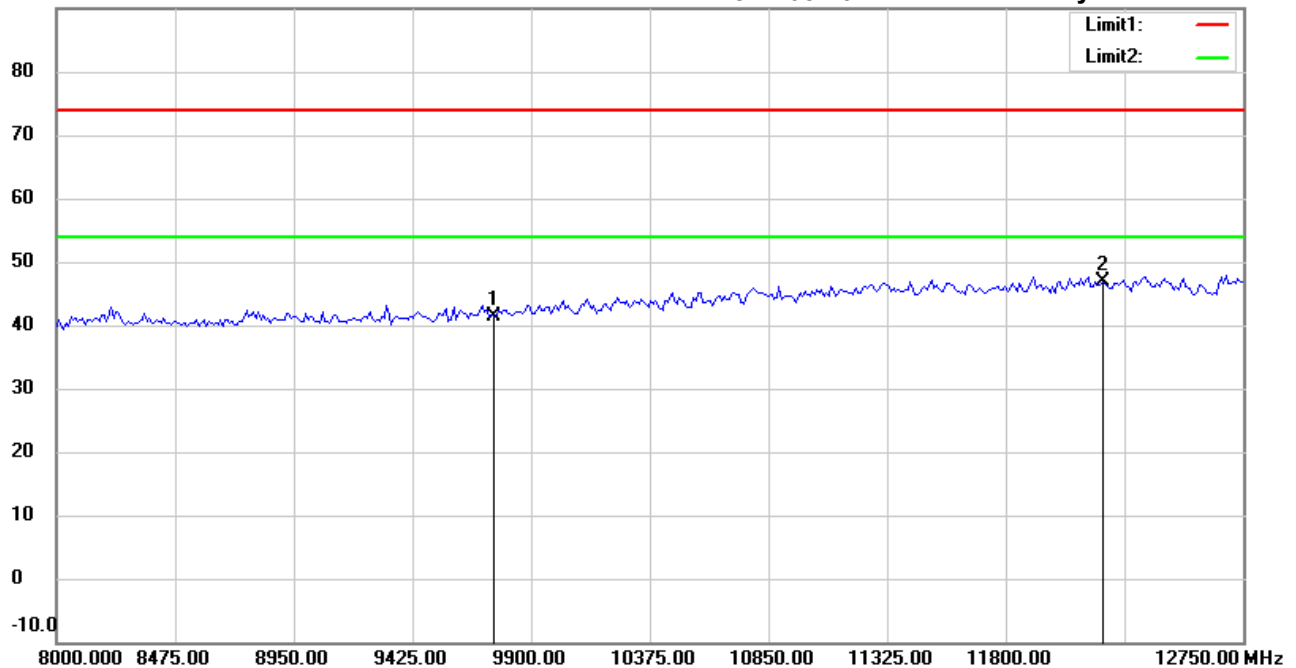
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:08:29 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	34.74	peak	6.75	41.49	74.00	150	127	-32.51	
*	12185.000	34.13	peak	12.83	46.96	74.00	150	43	-27.04	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

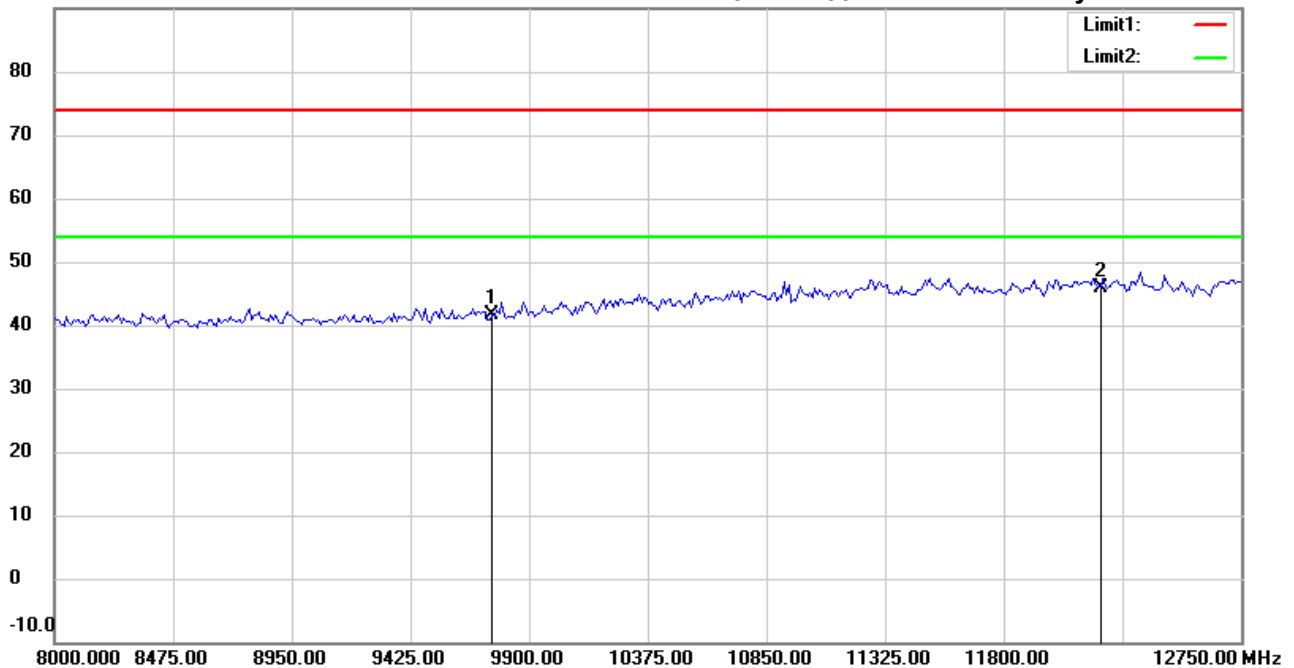
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:11:53 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9748.000	34.99	peak	6.75	41.74	74.00	150	275	-32.26	
*	12185.000	33.16	peak	12.83	45.99	74.00	150	43	-28.01	

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

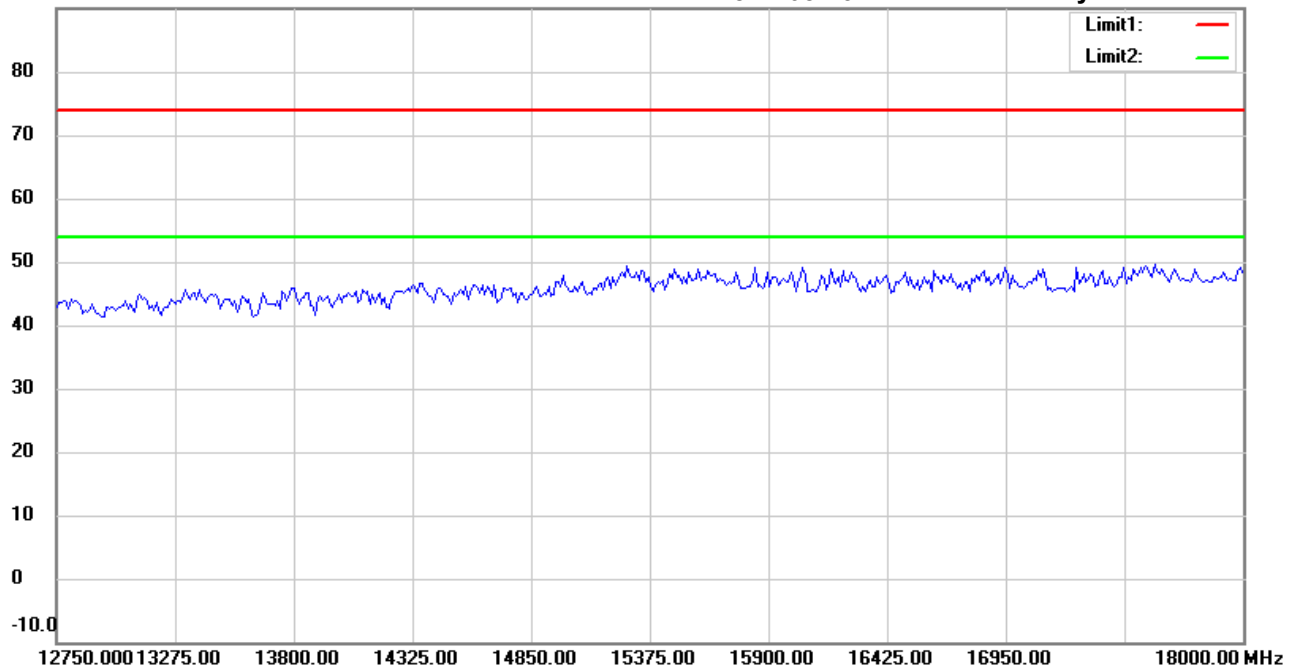
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:08:43 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #9

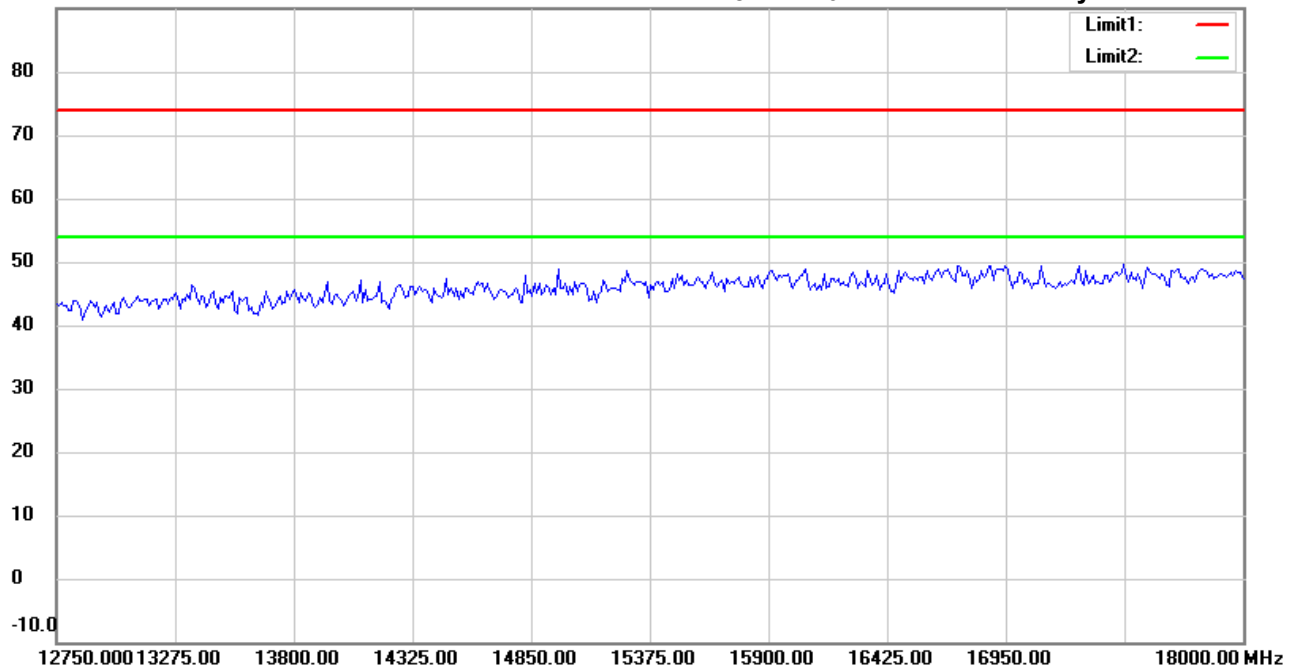
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:12:07 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Operator: Leon

File : 3

Data : #5

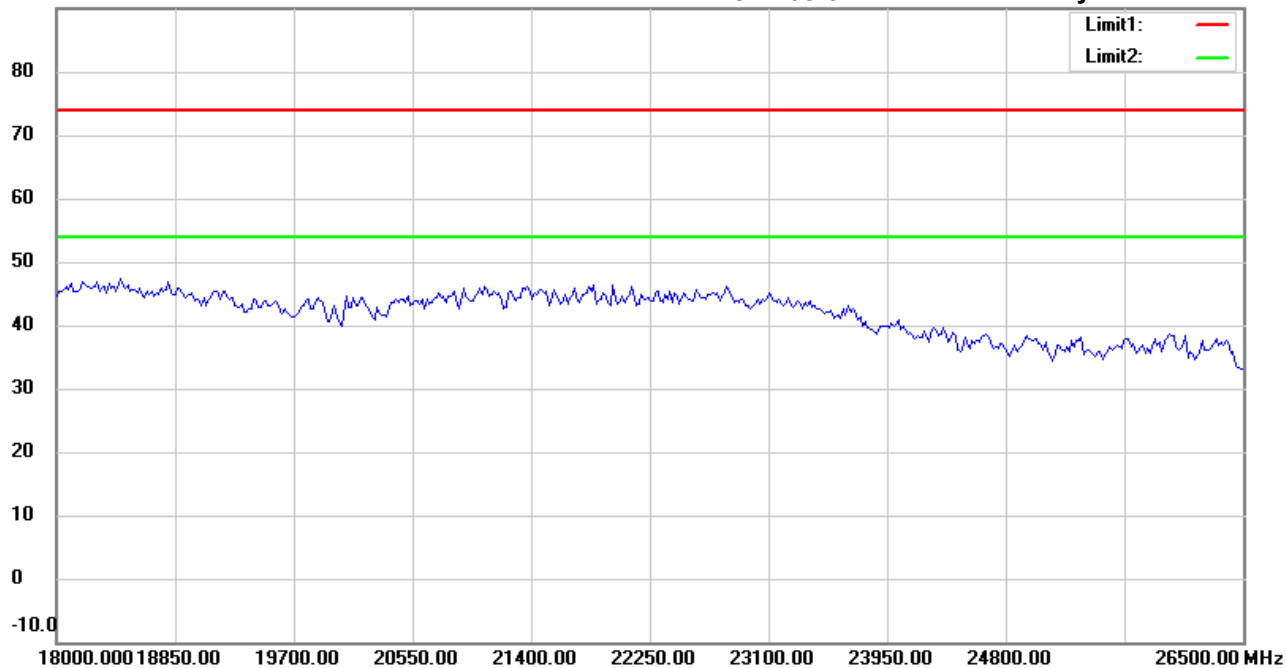
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:08:52 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #10

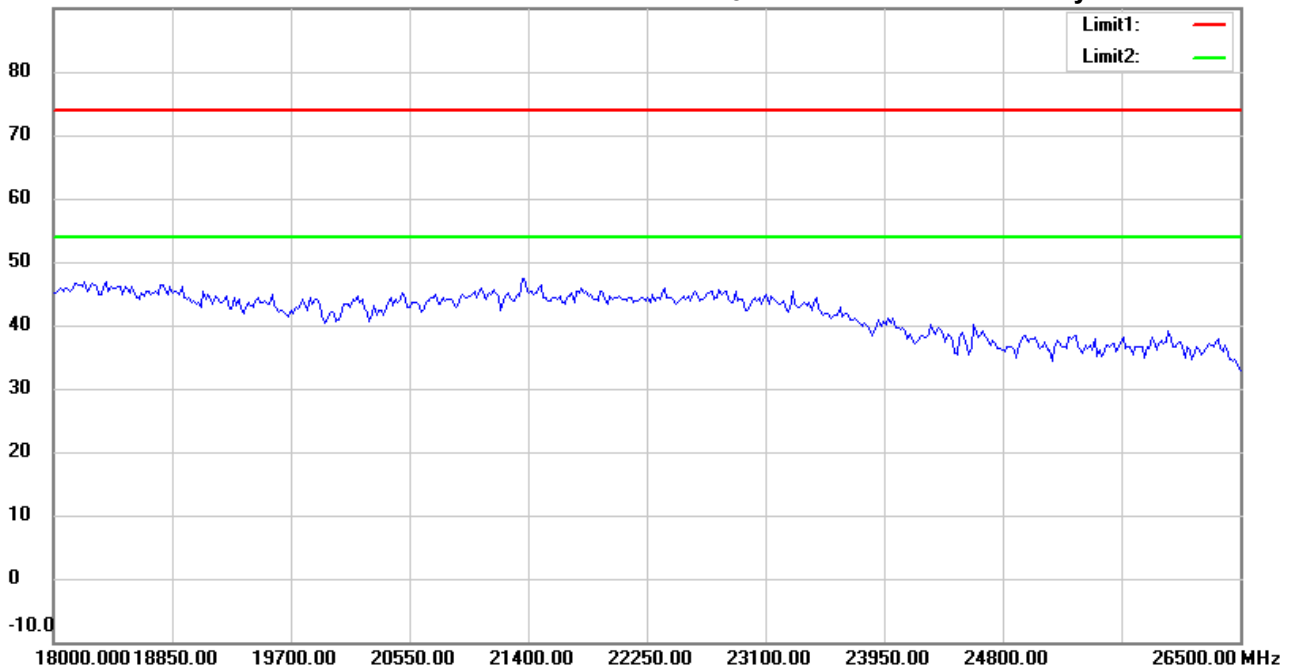
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:12:17 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Operator: Leon

File : 3

Data : #1

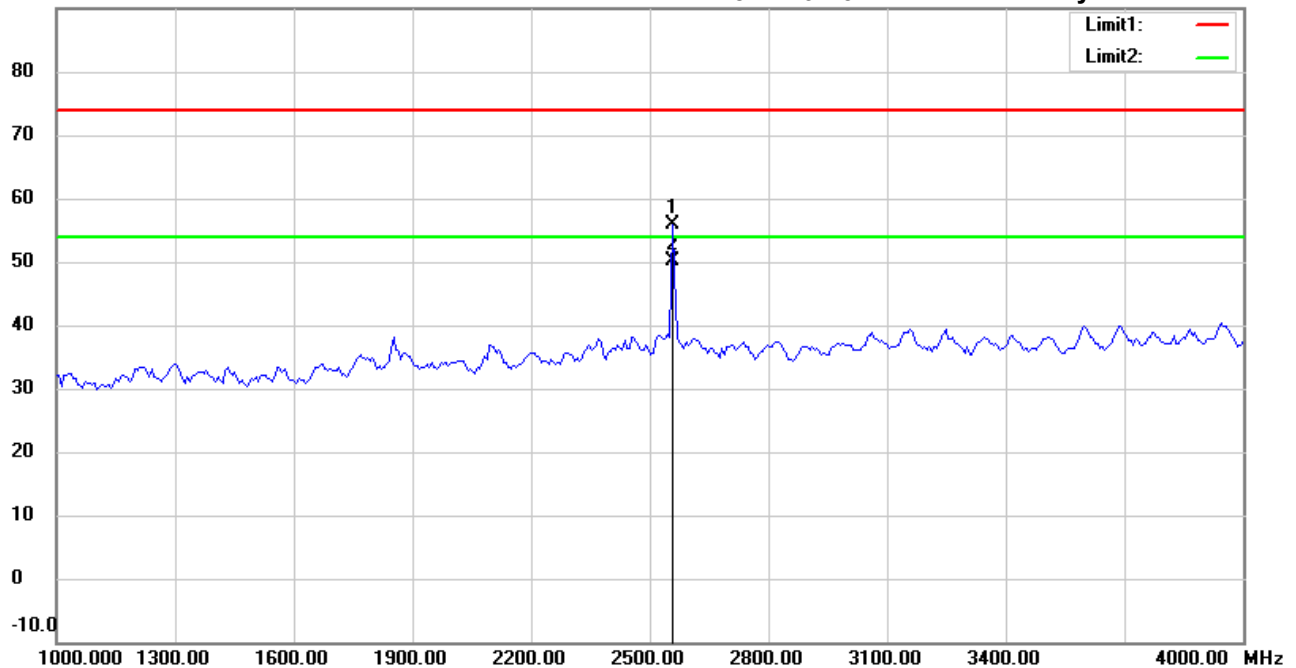
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:29:25 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	60.77	peak	-4.96	55.81	74.00	150	143	-18.19	
*	2557.114	55.15	AVG	-4.96	50.19	54.00	150	143	-3.81	

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



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

Operator: Leon

File : 3

Data : #6

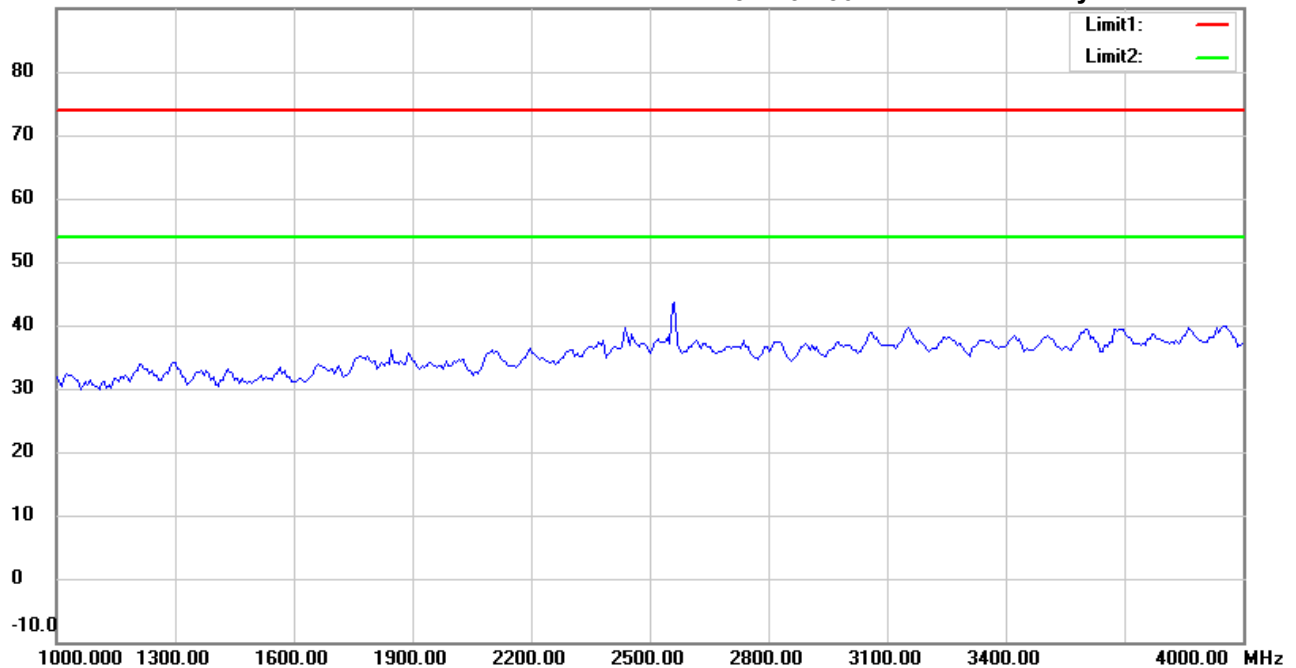
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:32:56 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

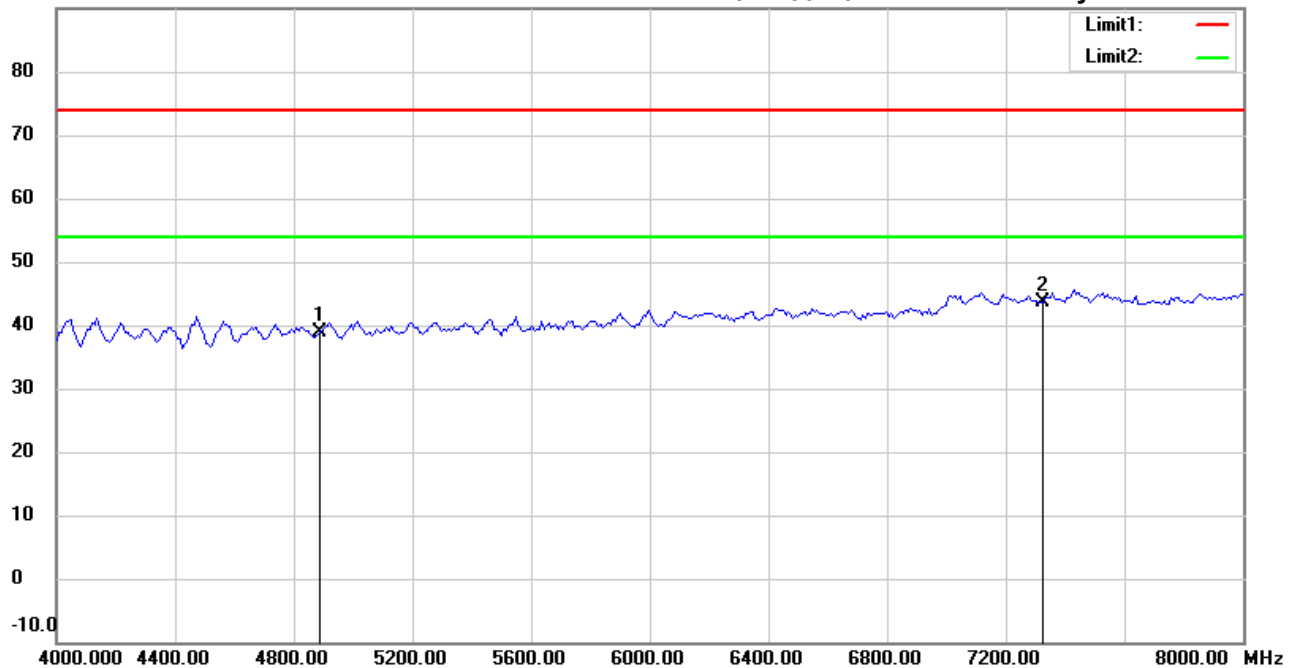
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:30:26 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4884.000	40.57	peak	-1.67	38.90	74.00	150	257	-35.10	
*	7326.000	40.12	peak	3.48	43.60	74.00	150	135	-30.40	

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

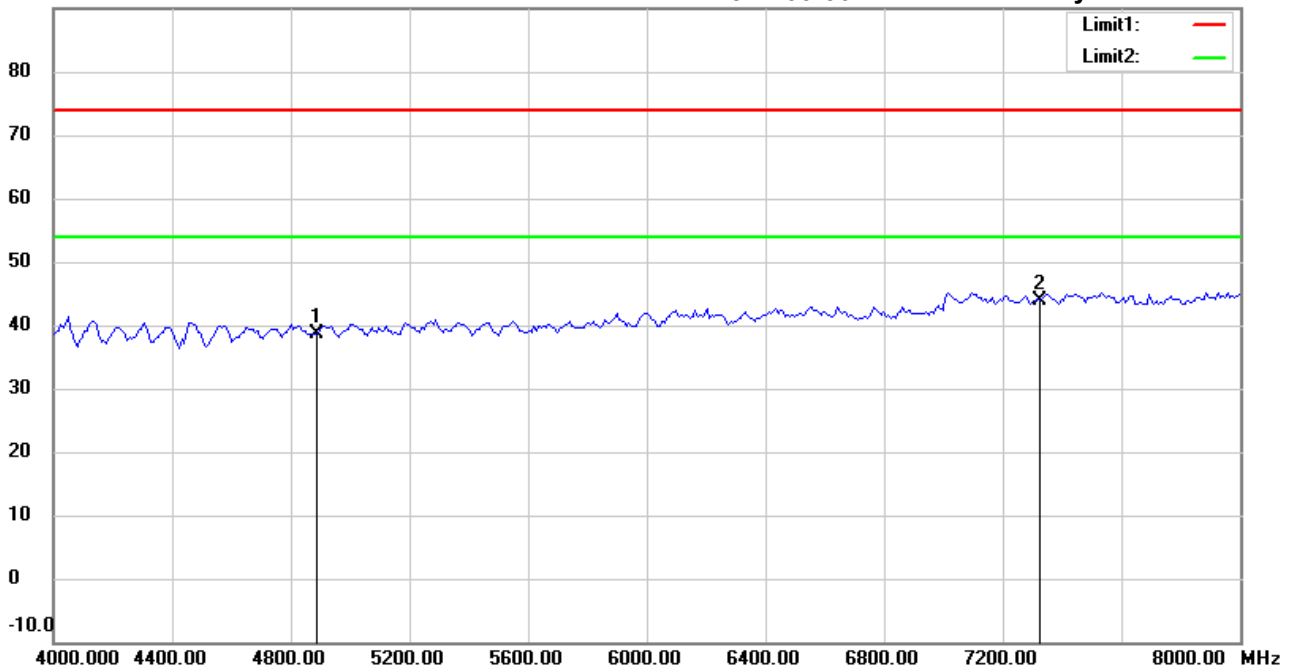
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:33:56 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4884.000	40.27	peak	-1.67	38.60	74.00	150	235	-35.40	
*	7326.000	40.45	peak	3.48	43.93	74.00	150	167	-30.07	

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

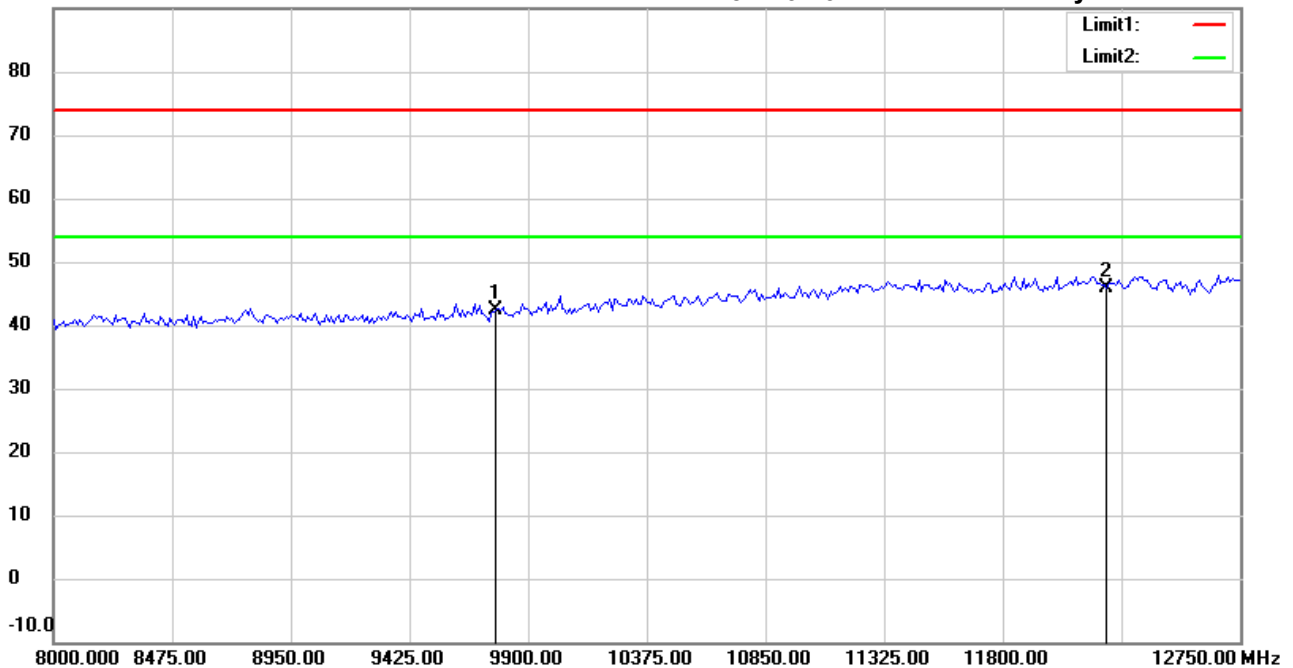
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:31:32 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9768.000	35.54	peak	6.77	42.31	74.00	150	96	-31.69	
*	12210.000	33.03	peak	12.78	45.81	74.00	150	33	-28.19	

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



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

Operator: Leon

File :3

Data :#8

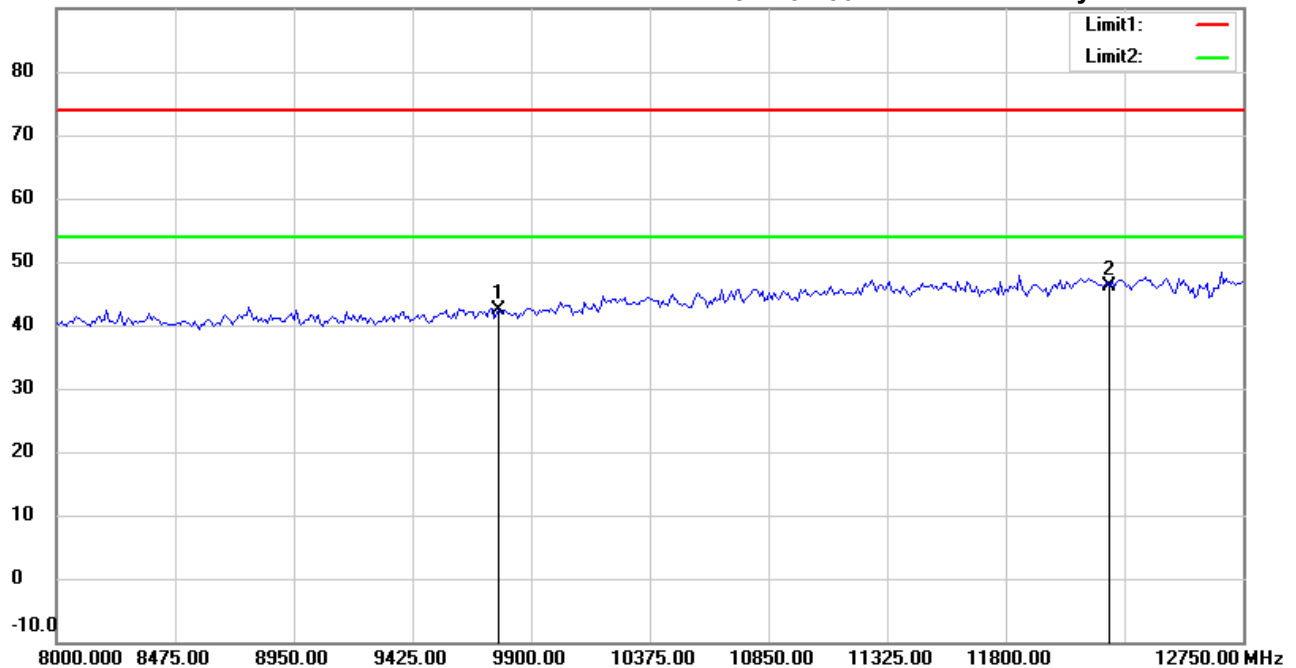
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:34:56 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9768.000	35.57	peak	6.77	42.34	74.00	150	210	-31.66	
*	12210.000	33.35	peak	12.78	46.13	74.00	150	169	-27.87	

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

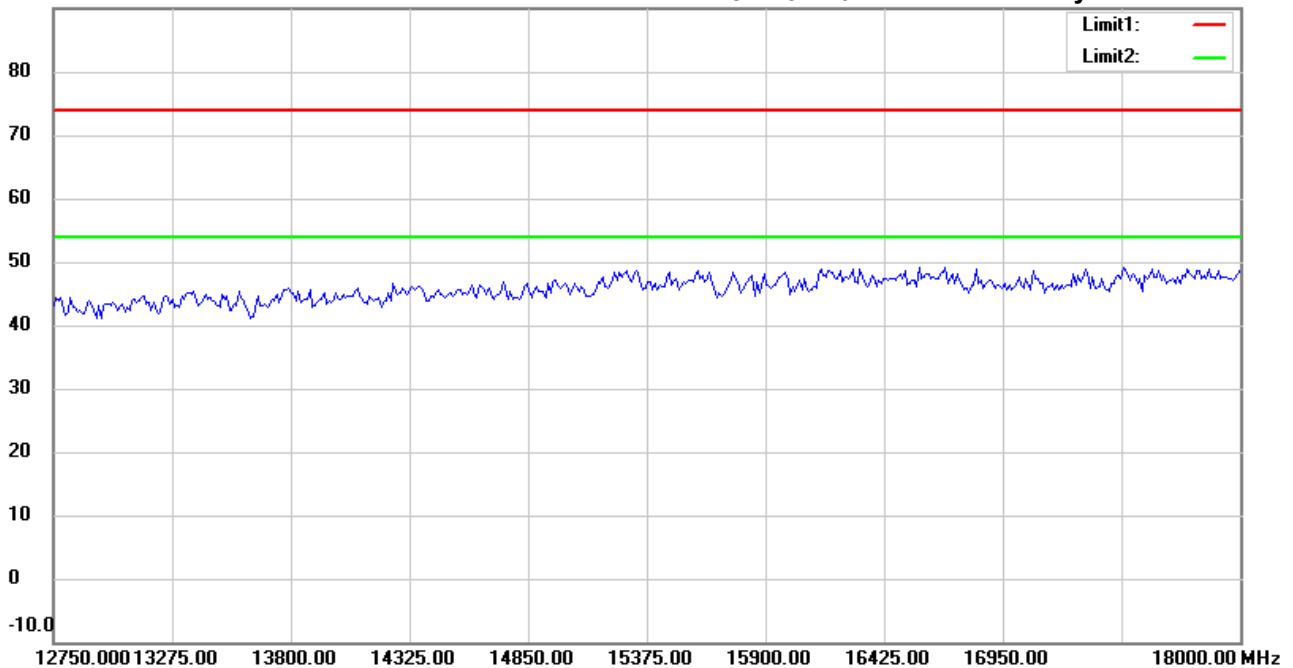
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:31:46 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #9

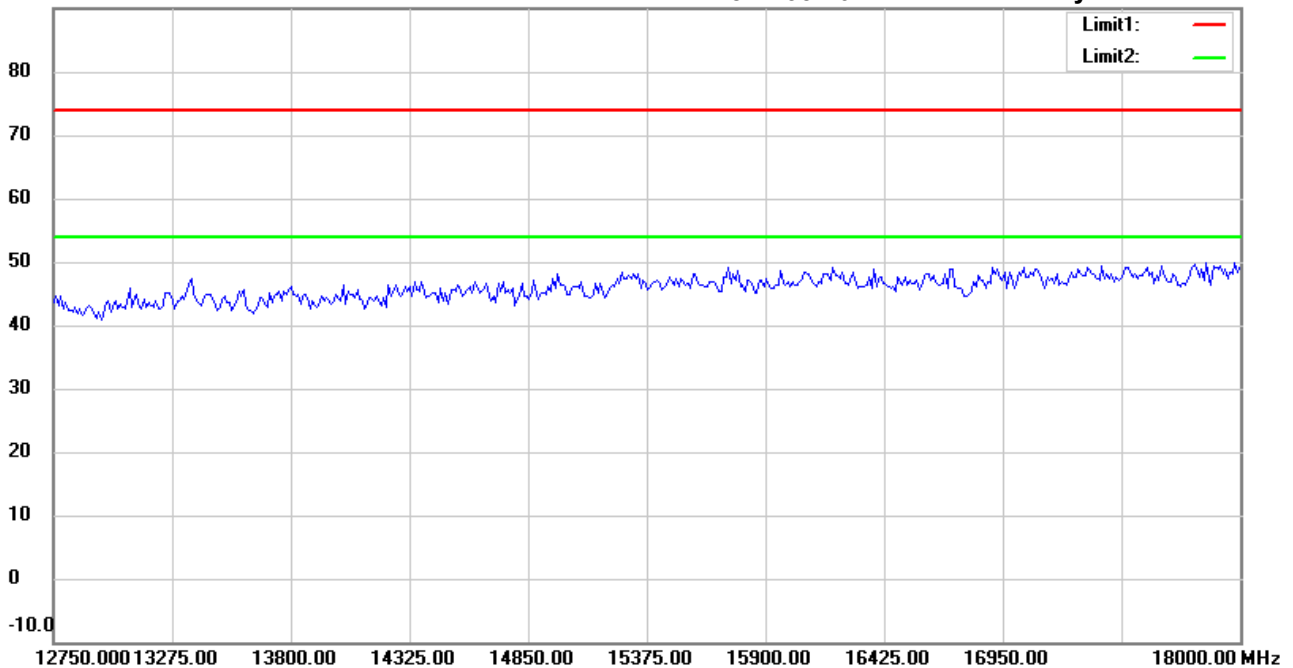
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:35:10 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

Operator: Leon

File : 3

Data : #5

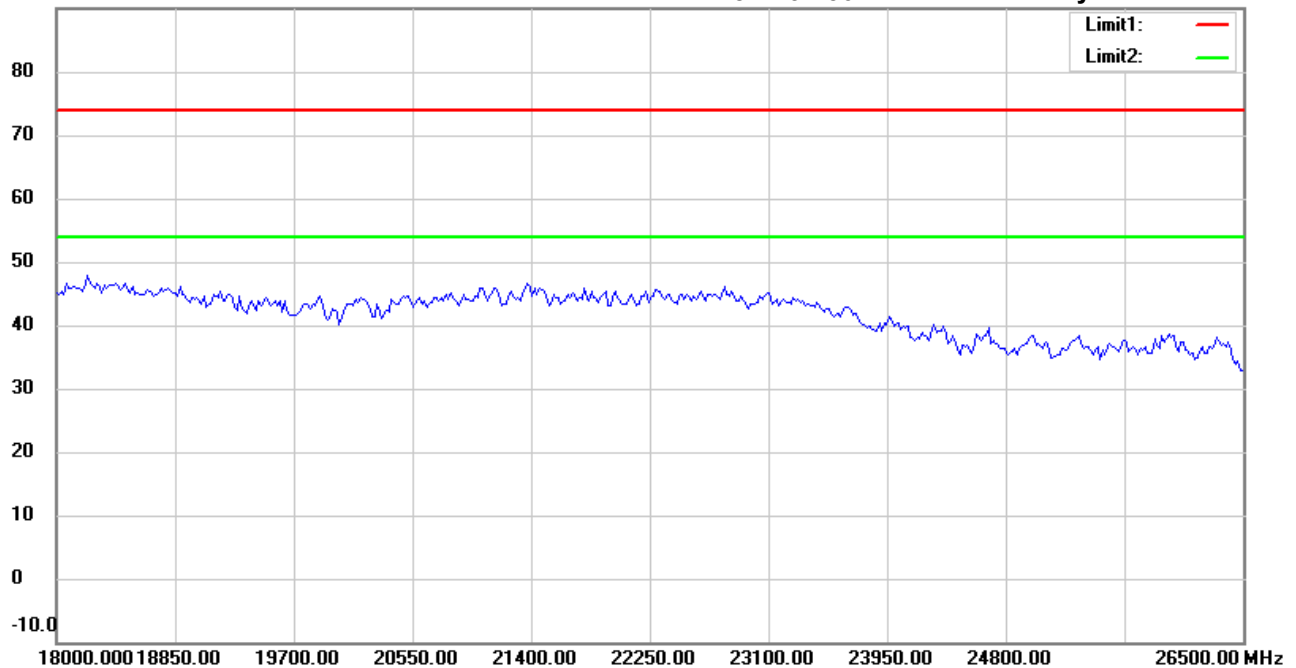
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:31:56 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

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



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

Operator: Leon

File : 3

Data : #10

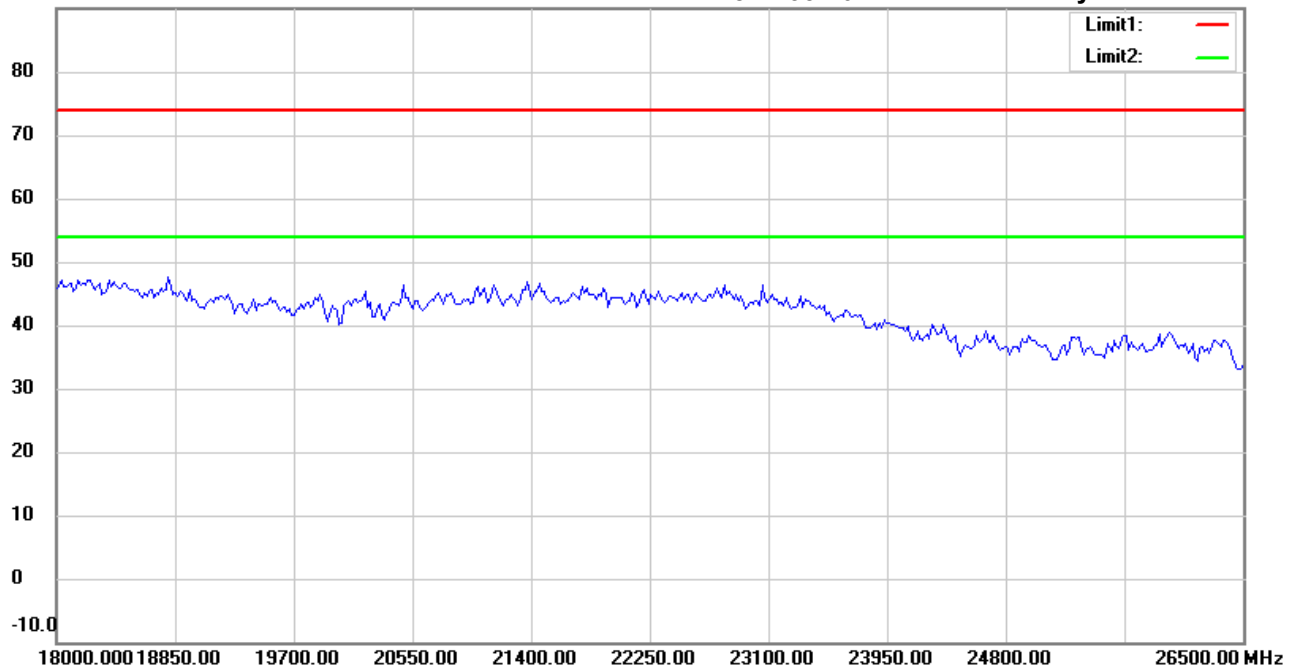
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 2:35:20 PM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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Radiated Emission Measurement

Operator: Allen

File : 1_BT_TX

Data : #1

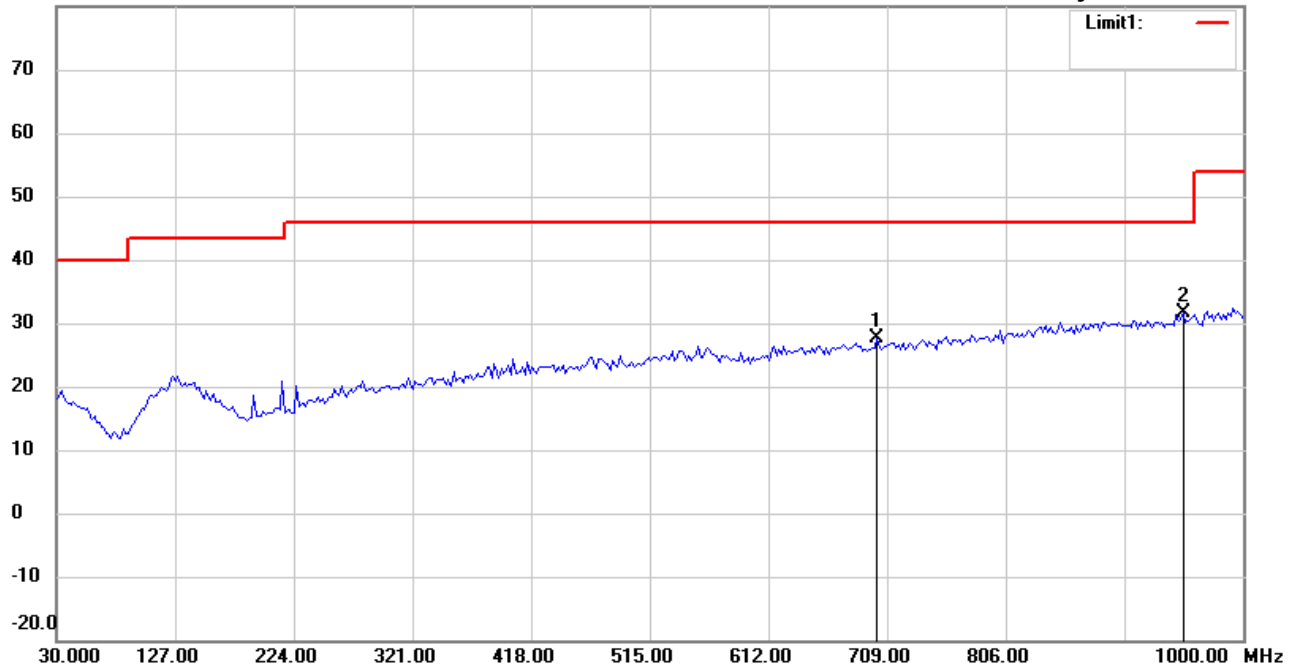
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:27:07 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21911-19475

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
	700.6413	28.06	peak	-0.45	27.61	46.00	100	110	-18.39	
*	951.4027	27.47	peak	4.24	31.71	46.00	100	185	-14.29	



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Radiated Emission Measurement

Operator: Allen

File : 1_BT_TX

Data : #2

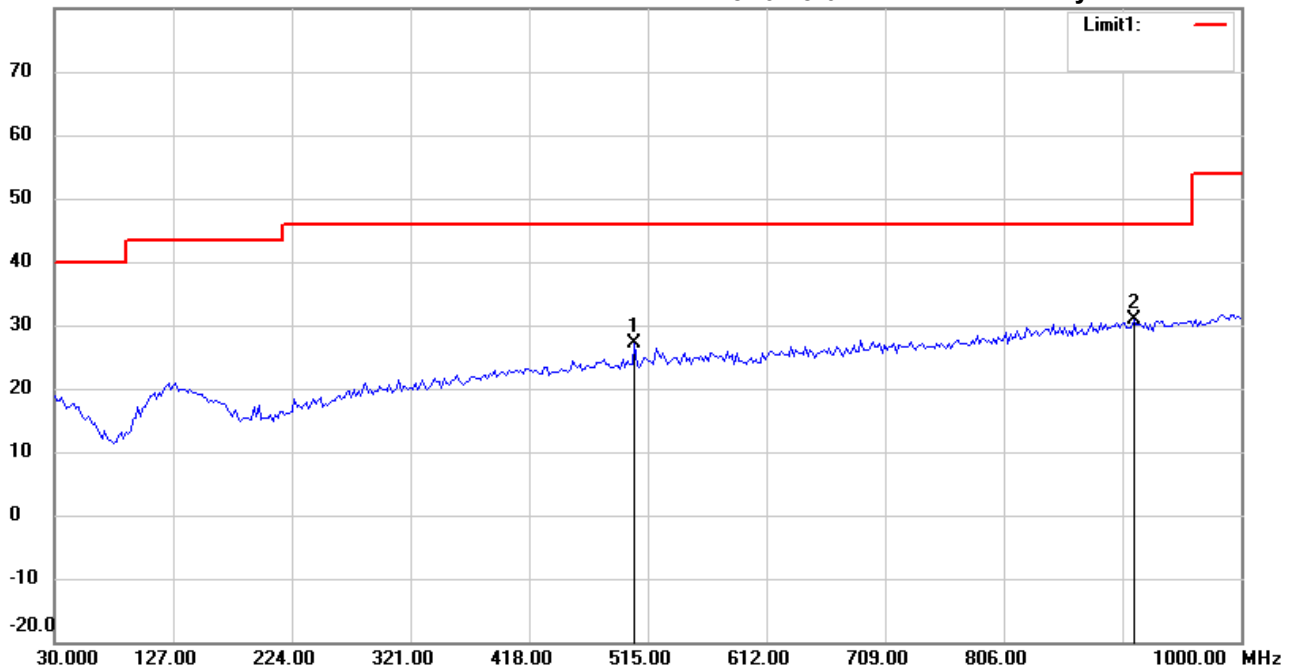
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:28:07 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21911-19475

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
	504.3086	30.12	peak	-2.87	27.25	46.00	100	265	-18.75	
*	912.5251	27.50	peak	3.46	30.96	46.00	100	35	-15.04	

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



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

Operator: Leon

File : 3

Data : #1

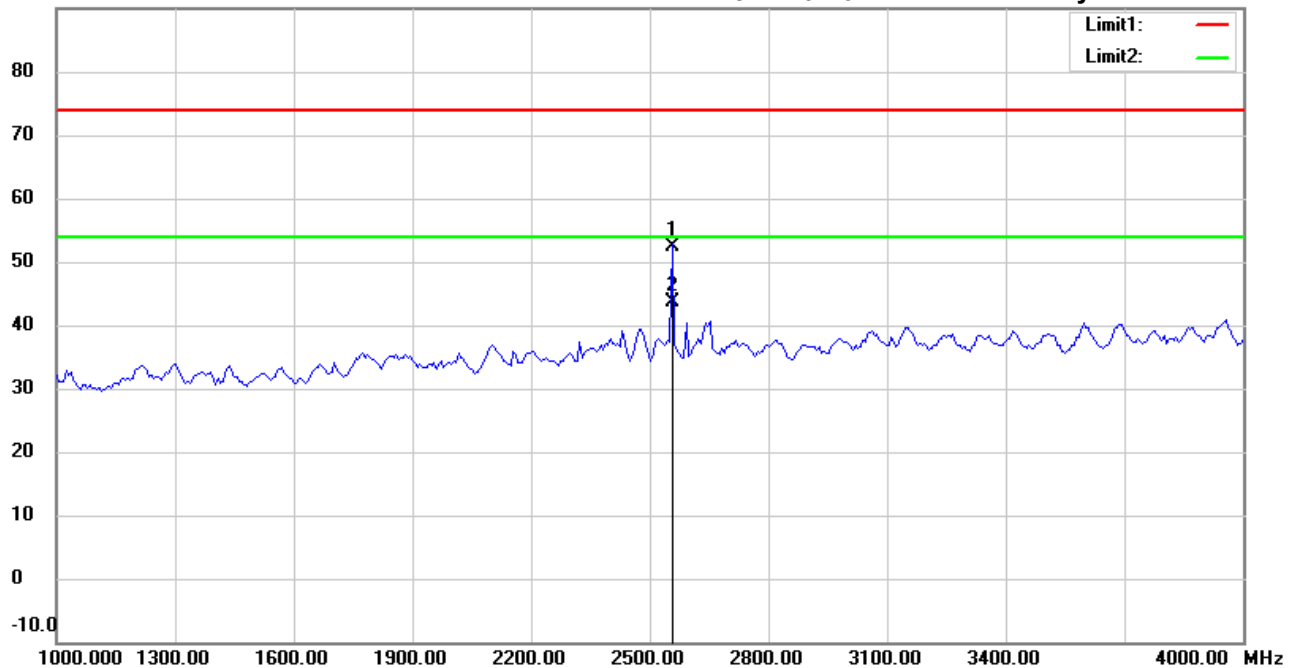
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:29:16 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2555.608	57.34	peak	-4.95	52.39	74.00	150	300	-21.61	
*	2555.608	48.68	AVG	-4.95	43.73	54.00	150	300	-10.27	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

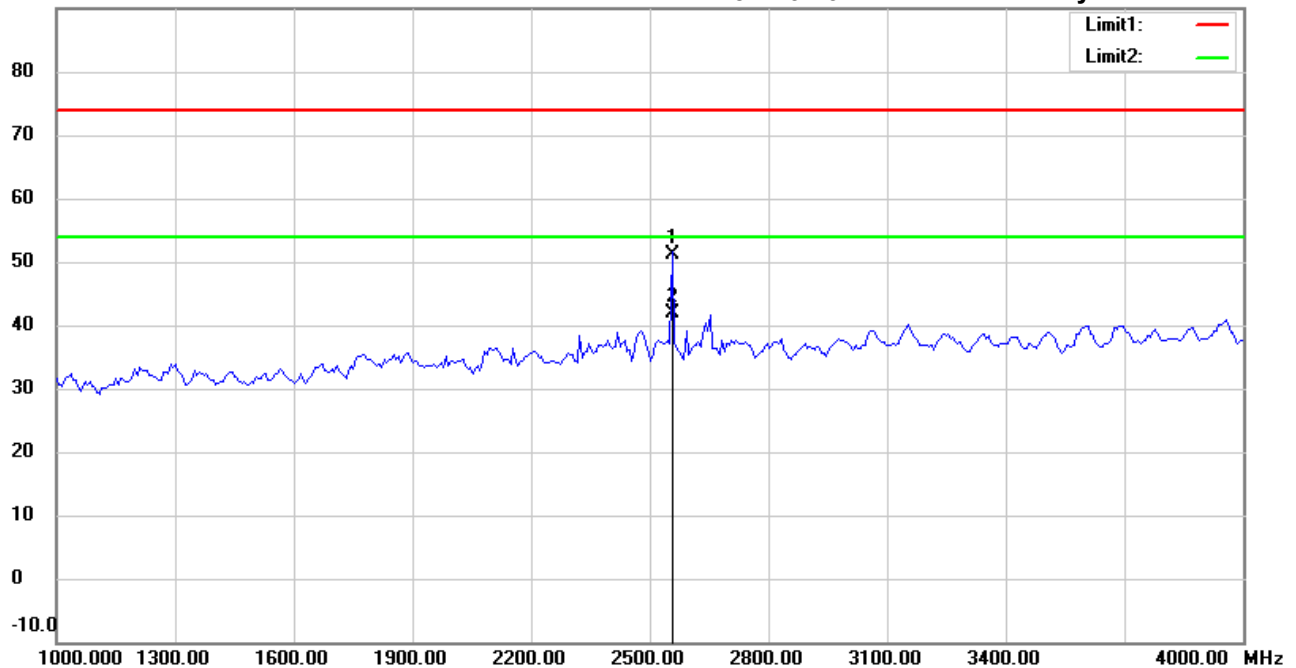
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:32:37 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	55.99	peak	-4.96	51.03	74.00	153	112	-22.97	
*	2557.114	46.75	AVG	-4.96	41.79	54.00	153	112	-12.21	

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



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

Operator: Leon

File :3

Data :#2

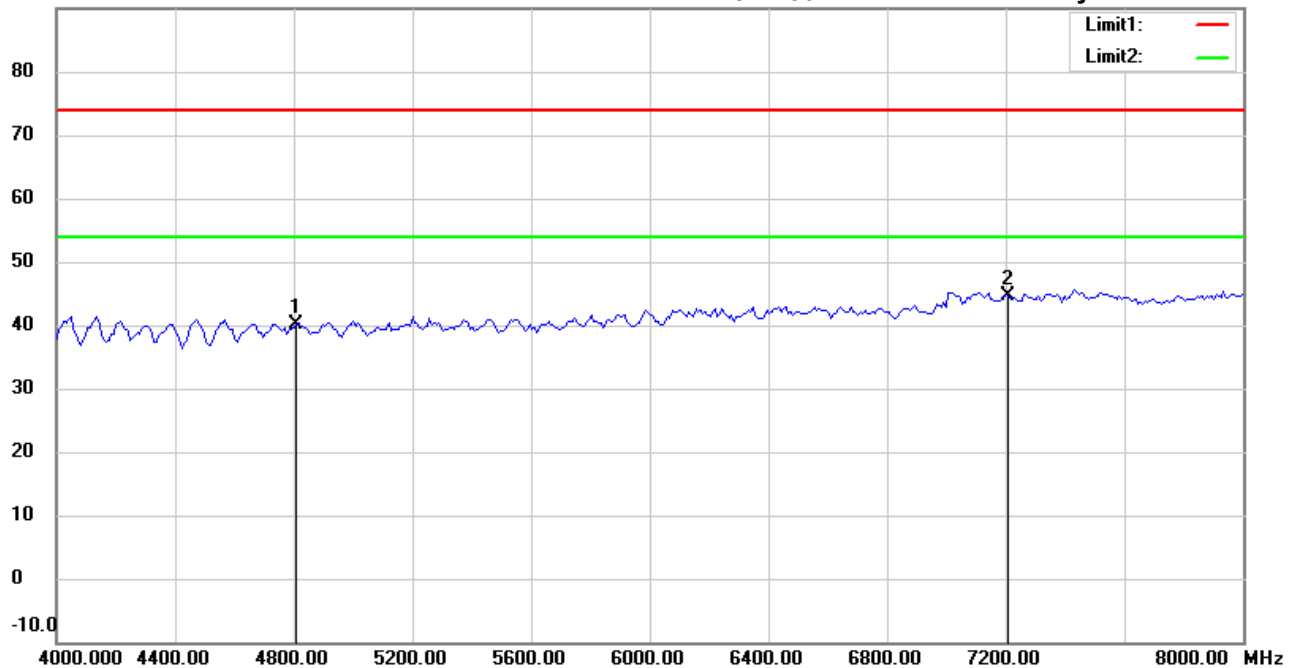
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:30:17 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.04	peak	-1.95	40.09	74.00	150	35	-33.91	
*	7206.000	41.32	peak	3.24	44.56	74.00	150	260	-29.44	

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



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

Operator: Leon

File : 3

Data : #7

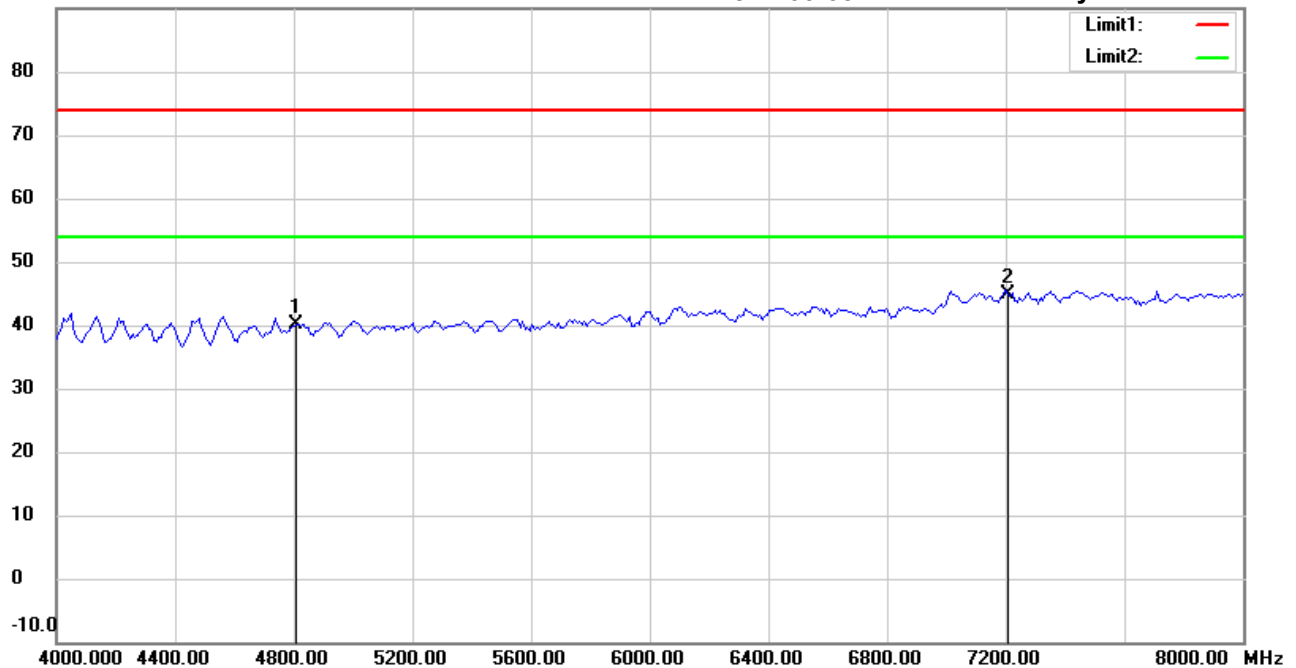
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:33:38 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.20	peak	-1.95	40.25	74.00	150	42	-33.75	
*	7206.000	41.66	peak	3.24	44.90	74.00	150	185	-29.10	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

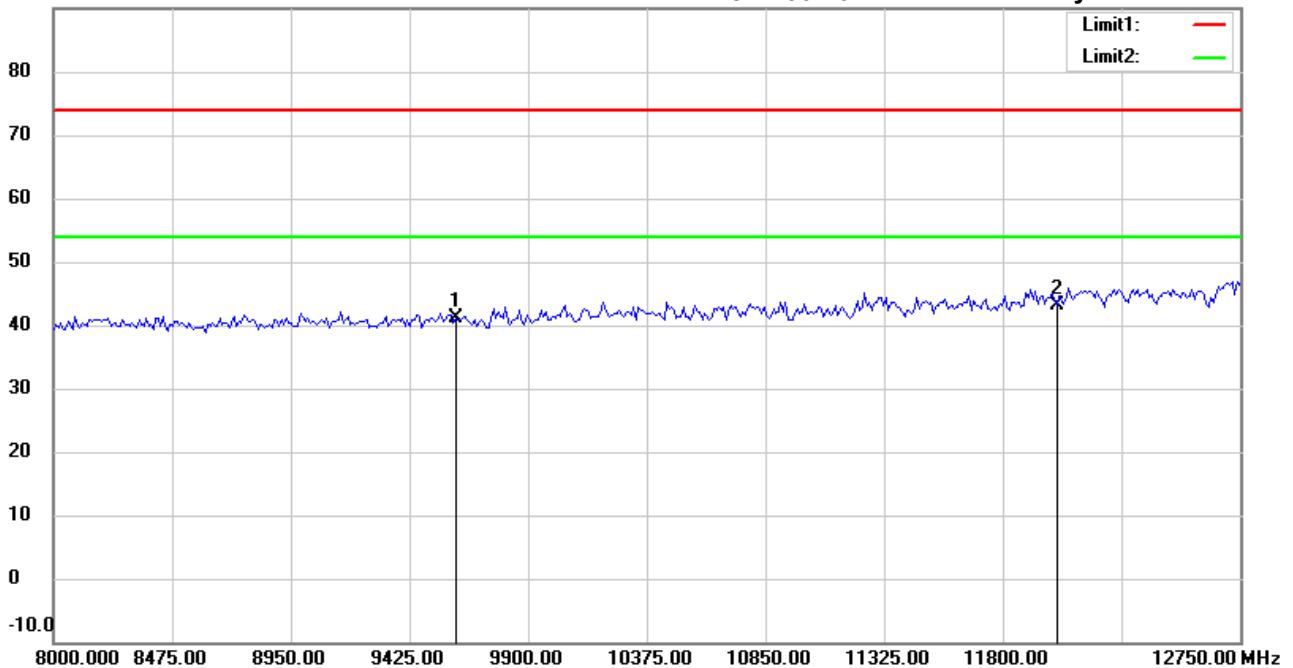
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:30:29 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9608.000	34.66	peak	6.53	41.19	74.00	150	196	-32.81	
*	12010.000	31.50	peak	11.62	43.12	74.00	150	257	-30.88	

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



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

Operator: Leon

File :3

Data :#8

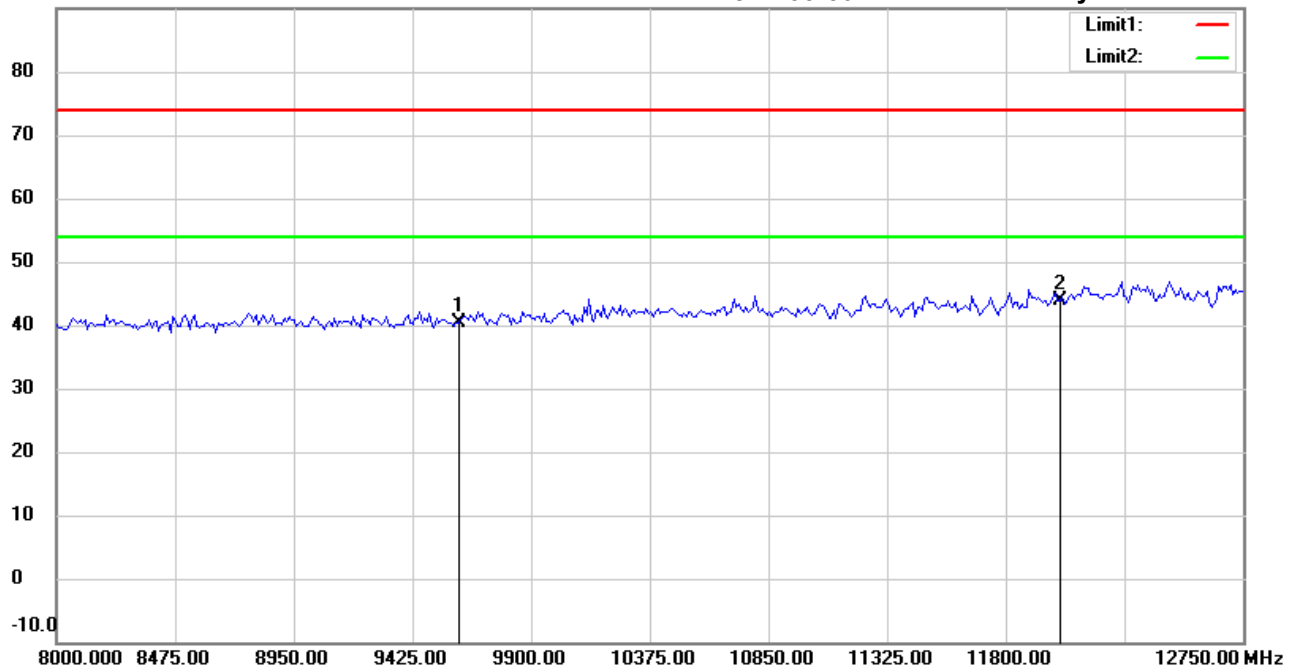
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:33:50 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	33.73	peak	6.53	40.26	74.00	150	265	-33.74	
*	12010.000	32.35	peak	11.62	43.97	74.00	150	90	-30.03	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

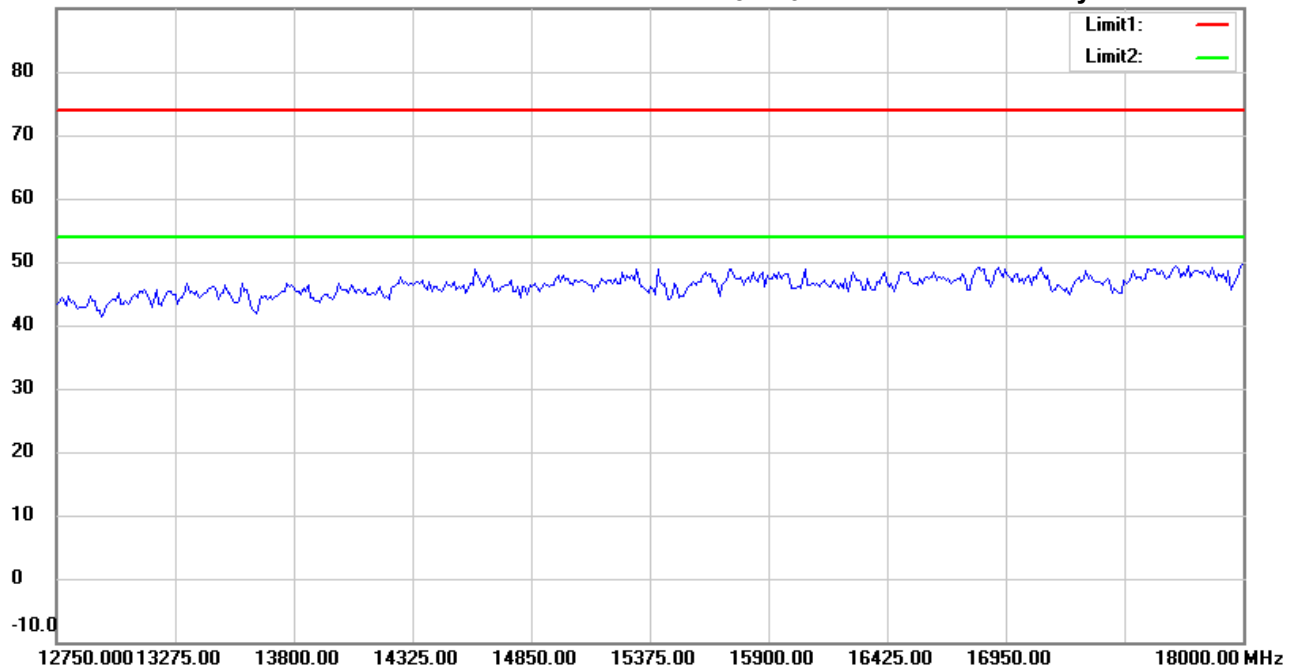
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:31:27 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #9

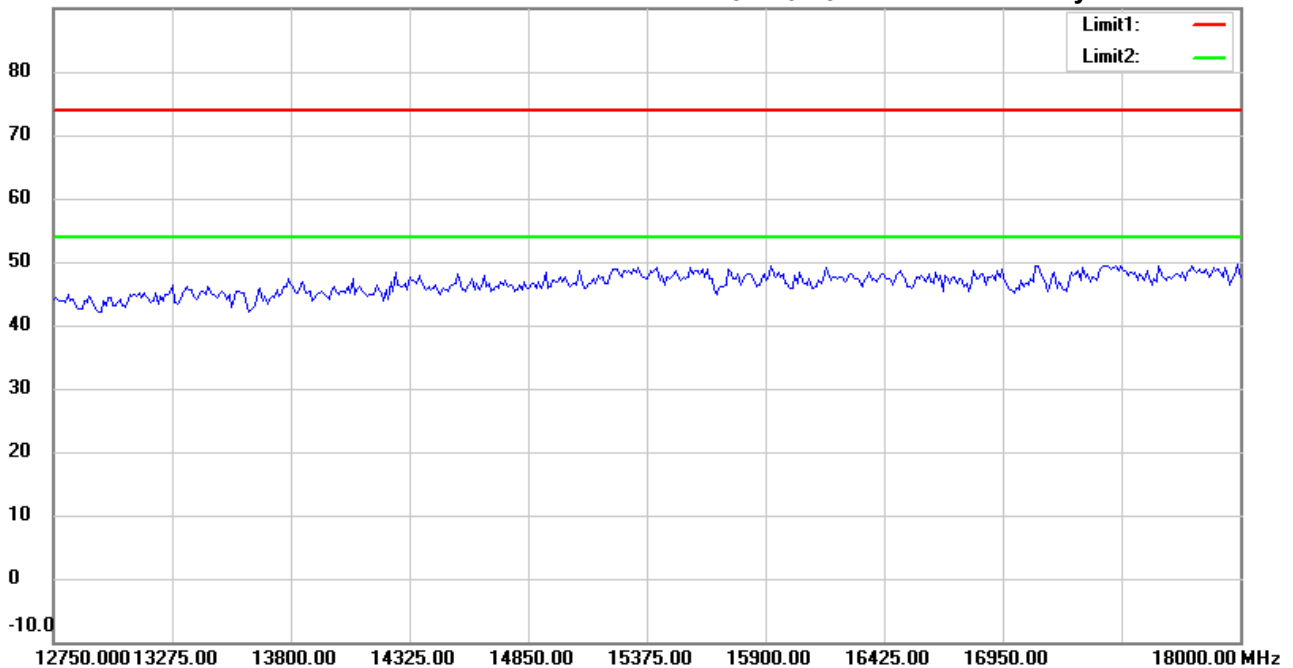
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:34:52 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File :3

Data :#5

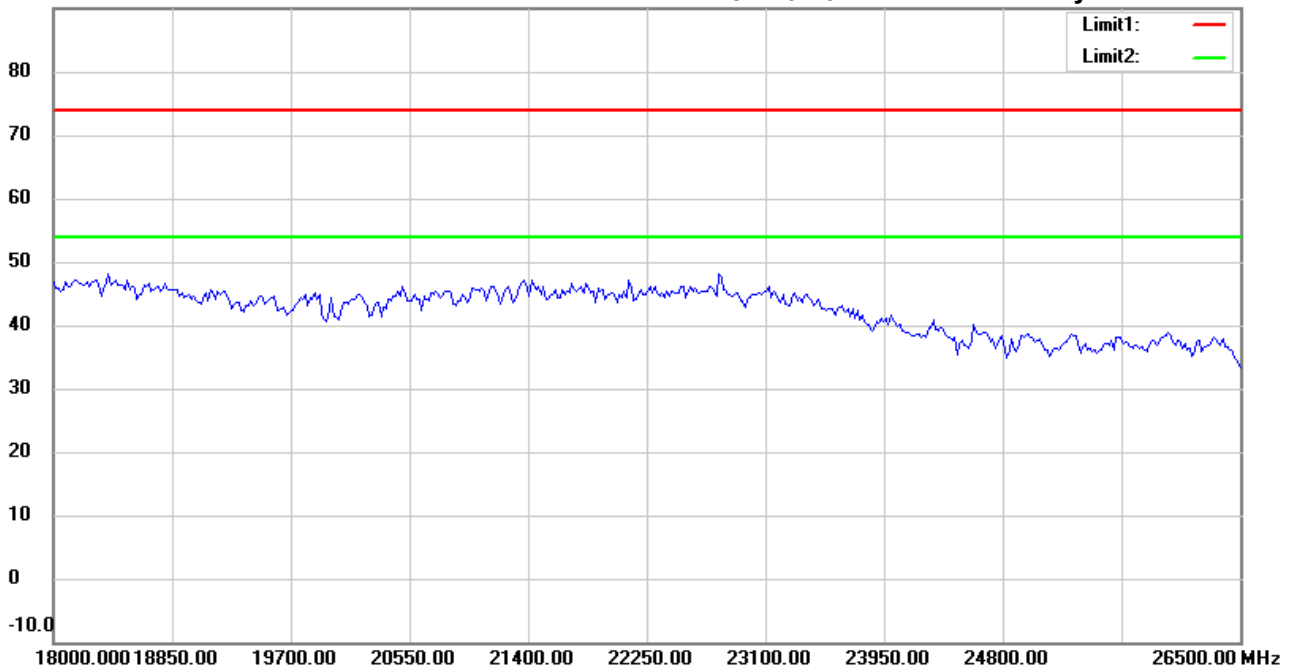
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 4:31:37 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

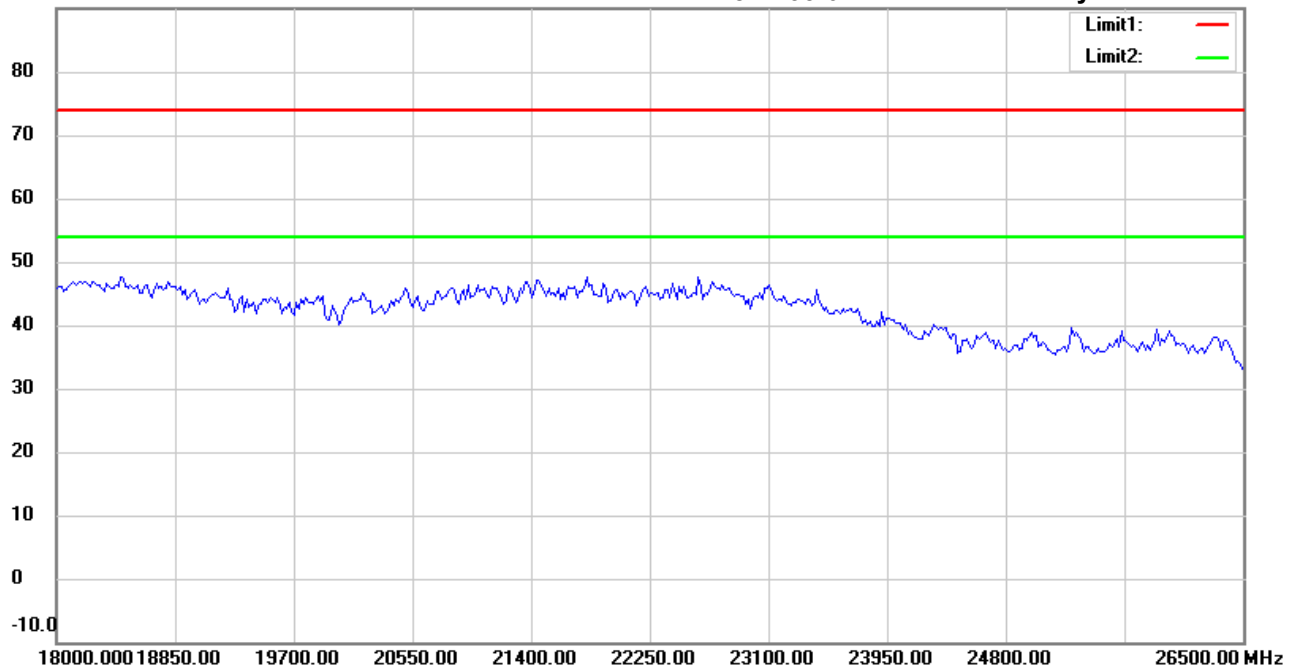
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:35:02 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

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



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

Operator: Leon

File : 3

Data : #1

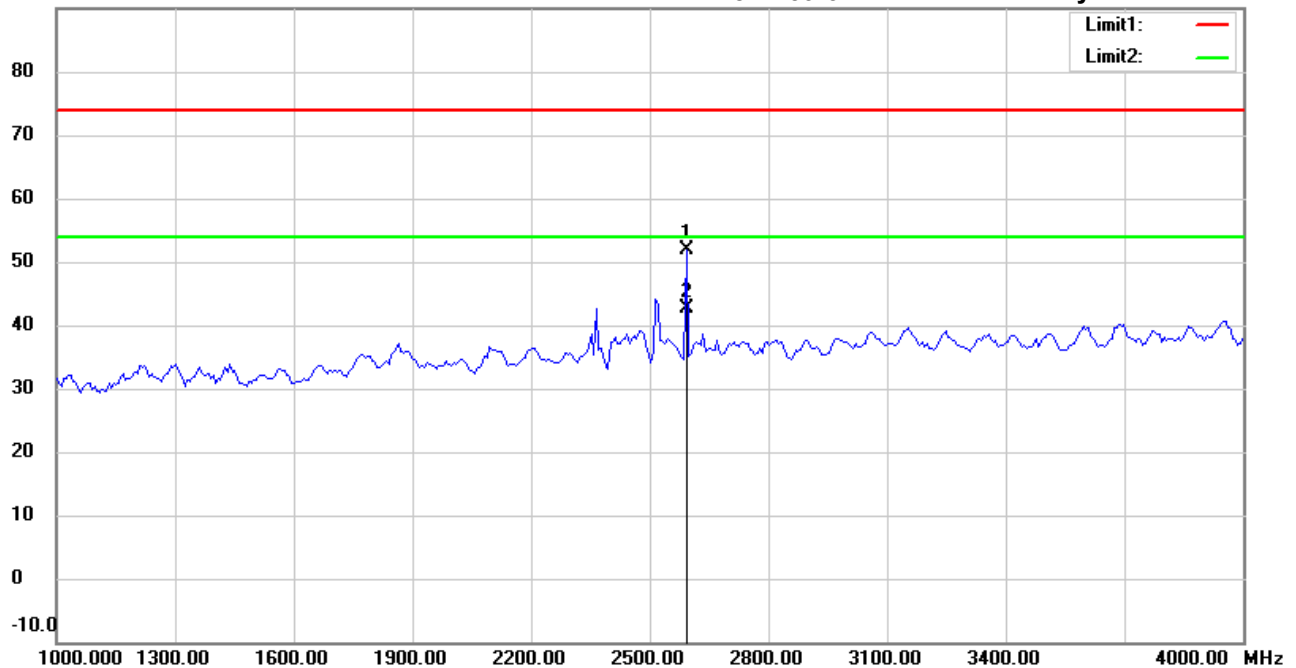
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 4:59:34 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2593.186	57.12	peak	-5.21	51.91	74.00	150	96	-22.09	
*	2593.186	47.93	AVG	-5.21	42.72	54.00	150	96	-11.28	

*: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: Leon

File : 3

Data : #6

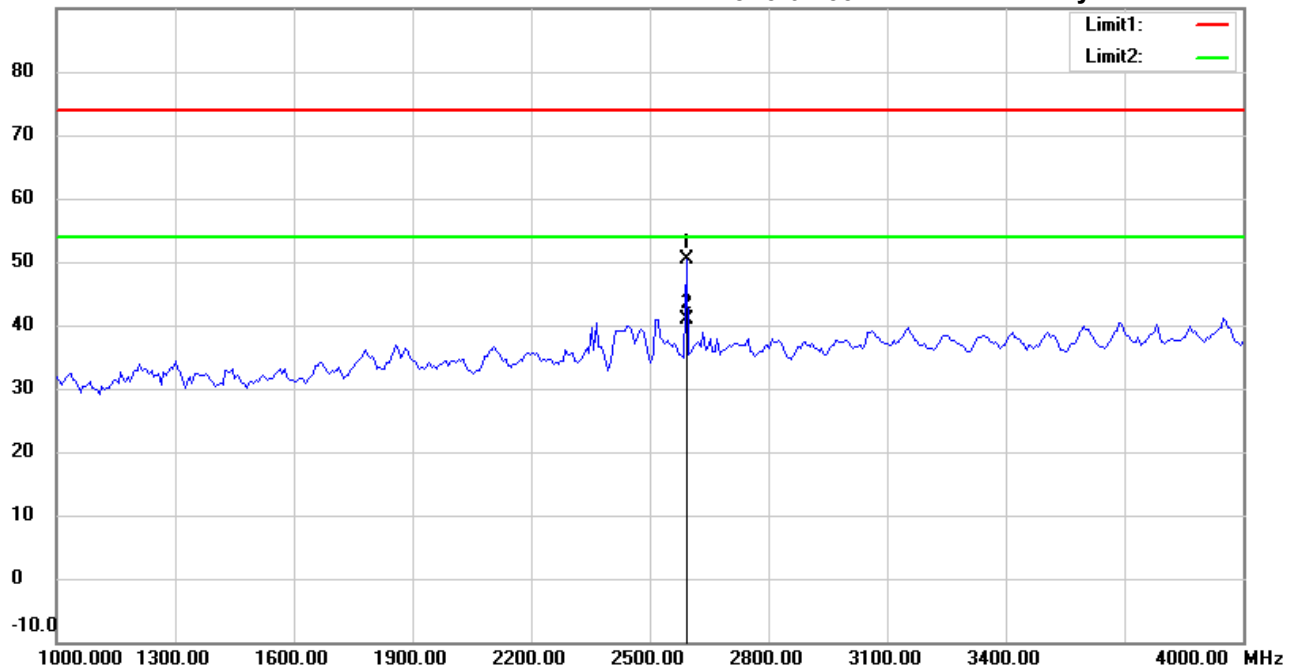
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:02:55 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2593.186	55.52	peak	-5.21	50.31	74.00	150	17	-23.69	
*	2593.186	46.12	AVG	-5.21	40.91	54.00	150	17	-13.09	

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



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

Operator: Leon

File : 3

Data : #2

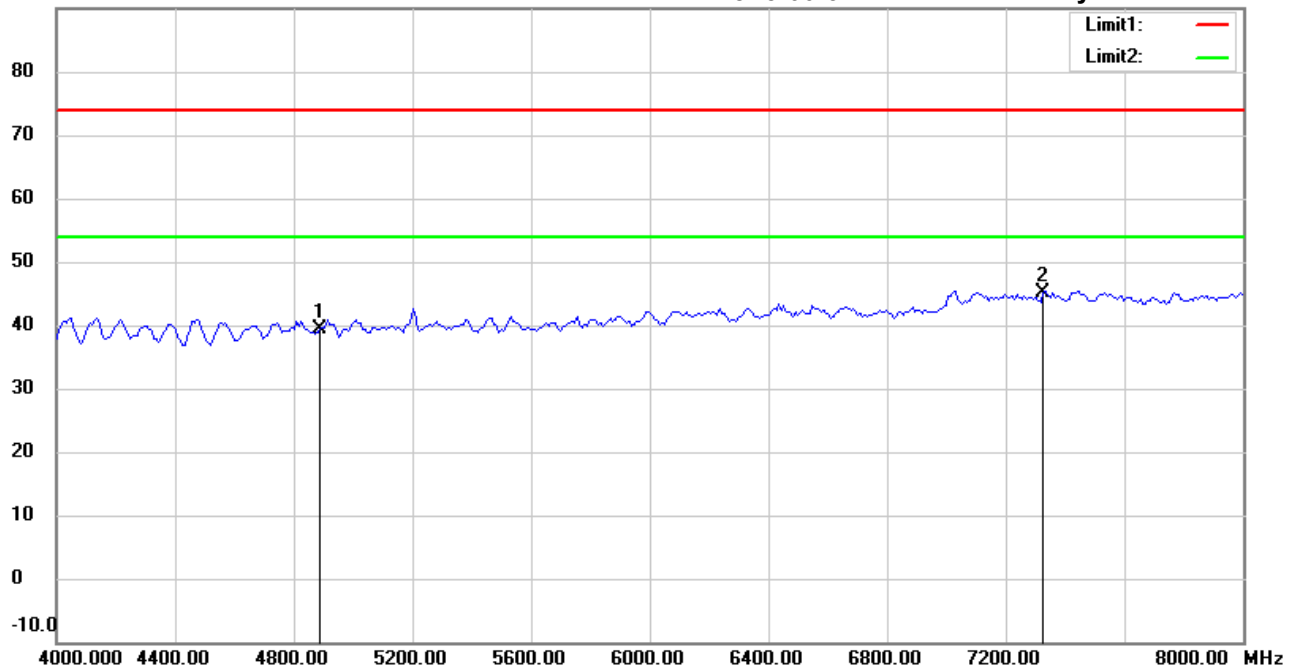
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:00:34 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4882.000	41.05	peak	-1.67	39.38	74.00	150	258	-34.62	
*	7323.000	41.59	peak	3.46	45.05	74.00	150	170	-28.95	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

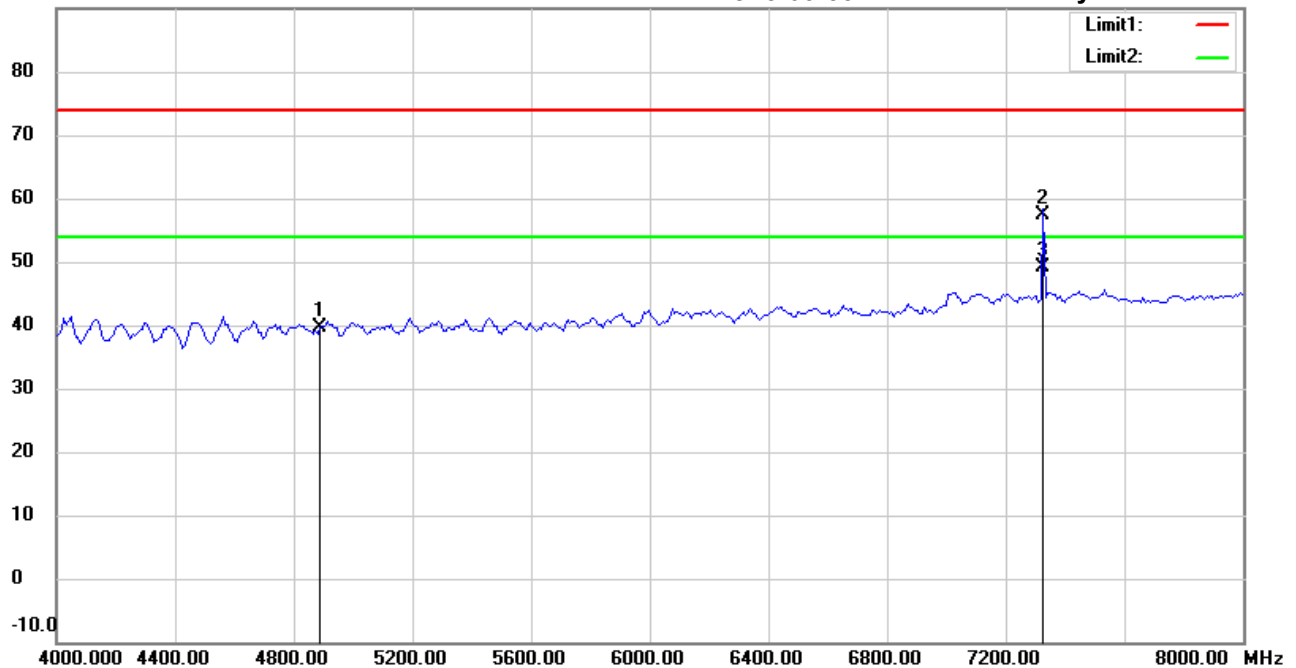
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:03:55 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4882.000	41.25	peak	-1.67	39.58	74.00	150	167	-34.42	
	7323.035	53.83	peak	3.46	57.29	74.00	150	185	-16.71	
*	7323.035	45.69	AVG	3.46	49.15	54.00	150	185	-4.85	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

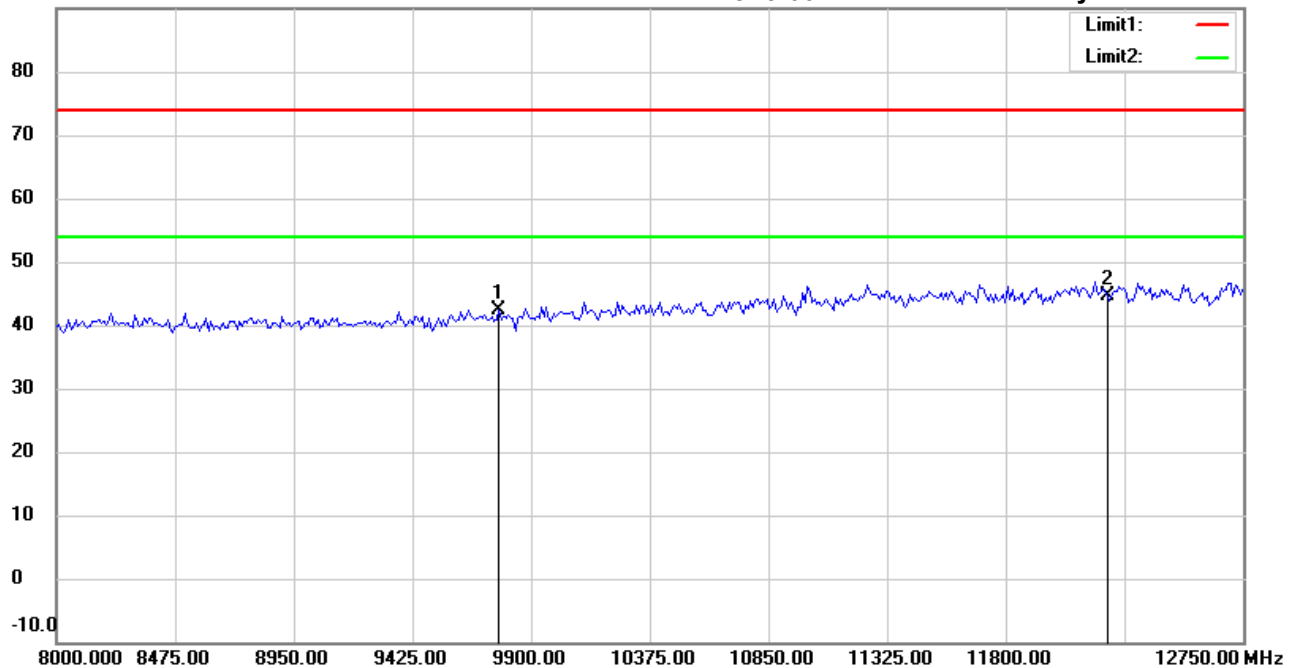
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:00:47 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9764.000	35.56	peak	6.77	42.33	74.00	150	66	-31.67	
*	12205.000	31.90	peak	12.81	44.71	74.00	150	214	-29.29	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

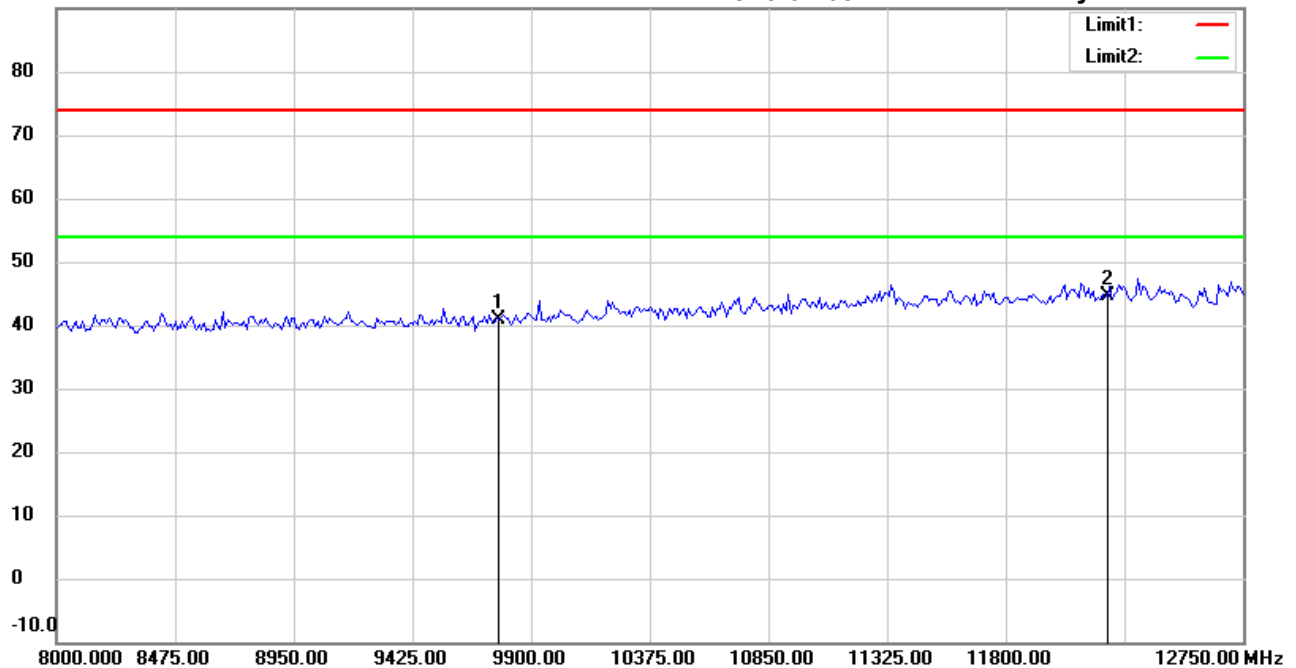
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:04:08 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9764.000	34.06	peak	6.77	40.83	74.00	150	58	-33.17	
*	12205.000	31.72	peak	12.81	44.53	74.00	150	273	-29.47	

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



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

Operator: Leon

File : 3

Data : #4

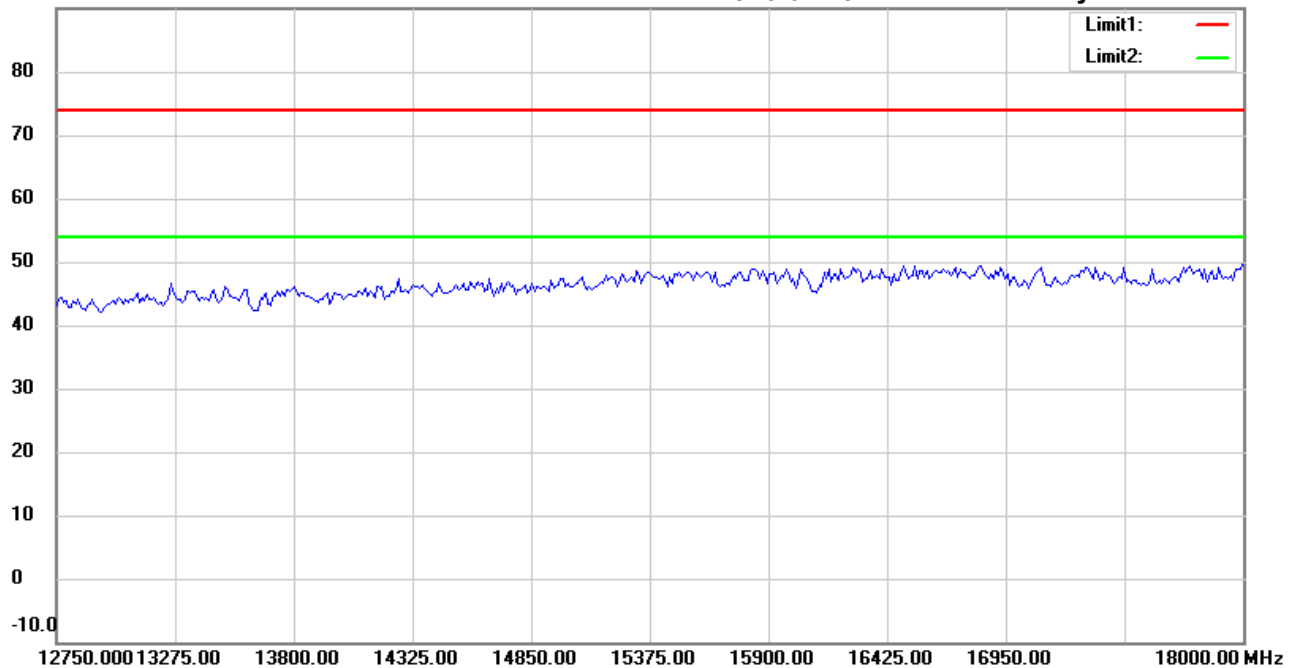
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:01:45 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Leon

File : 3

Data : #9

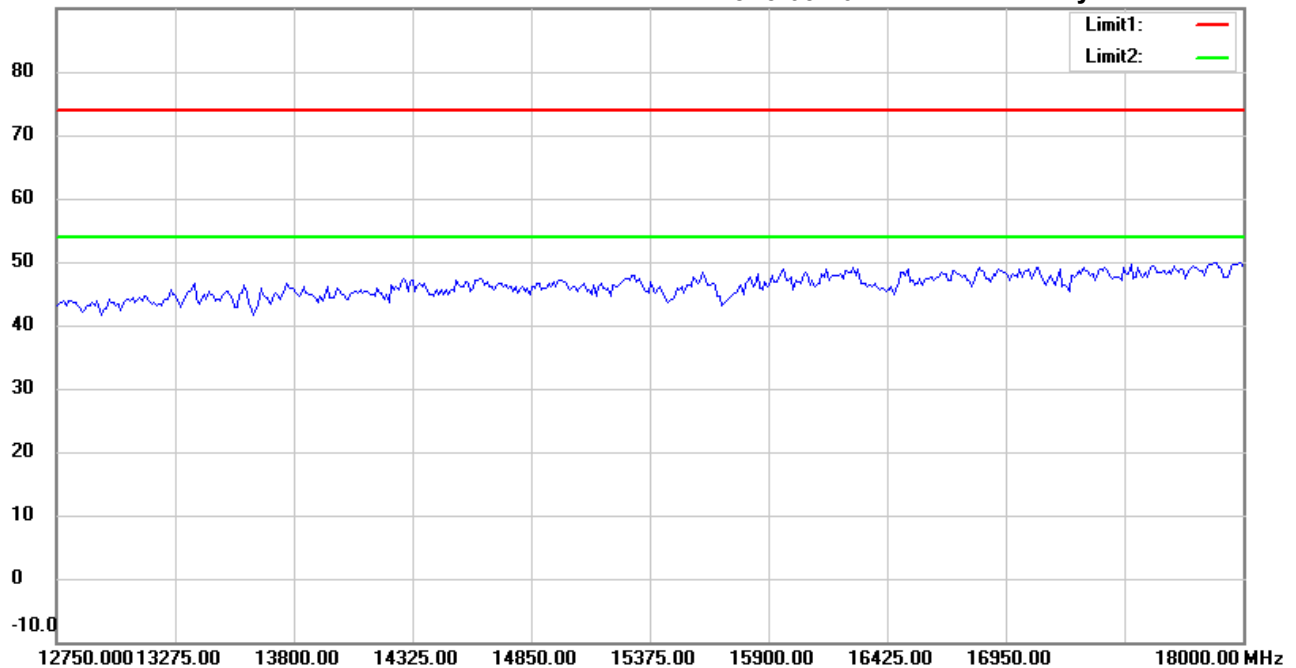
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:05:10 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #5

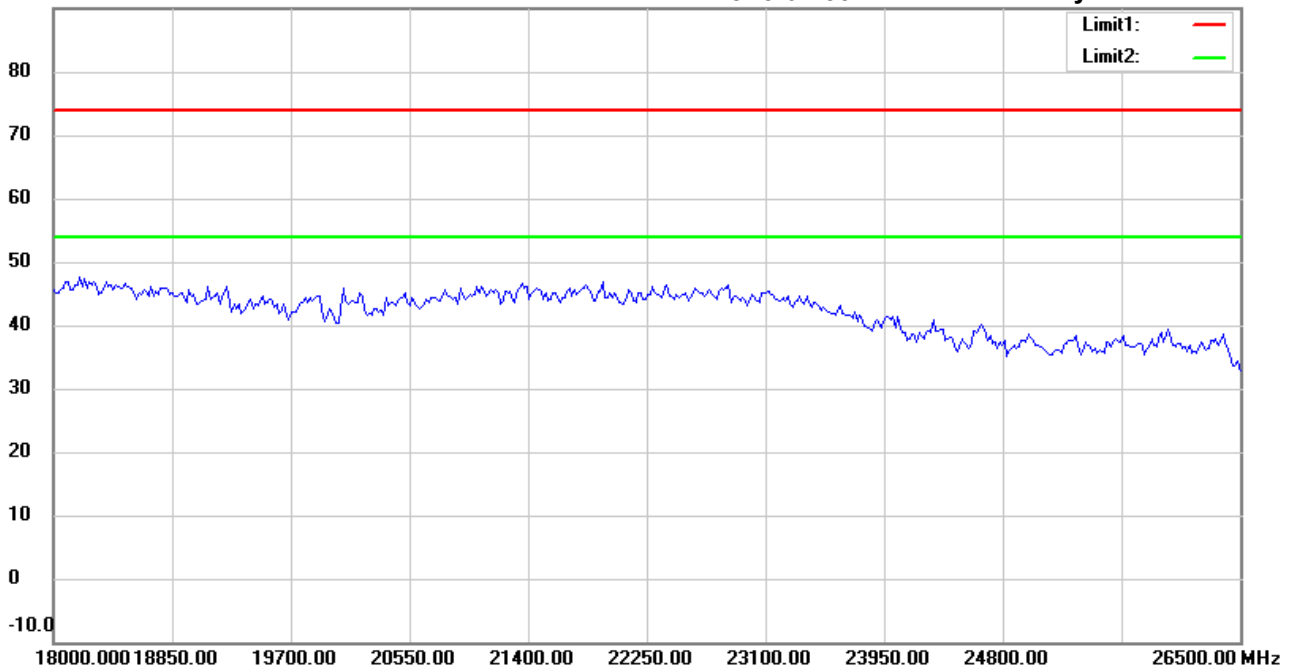
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:01:55 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#10

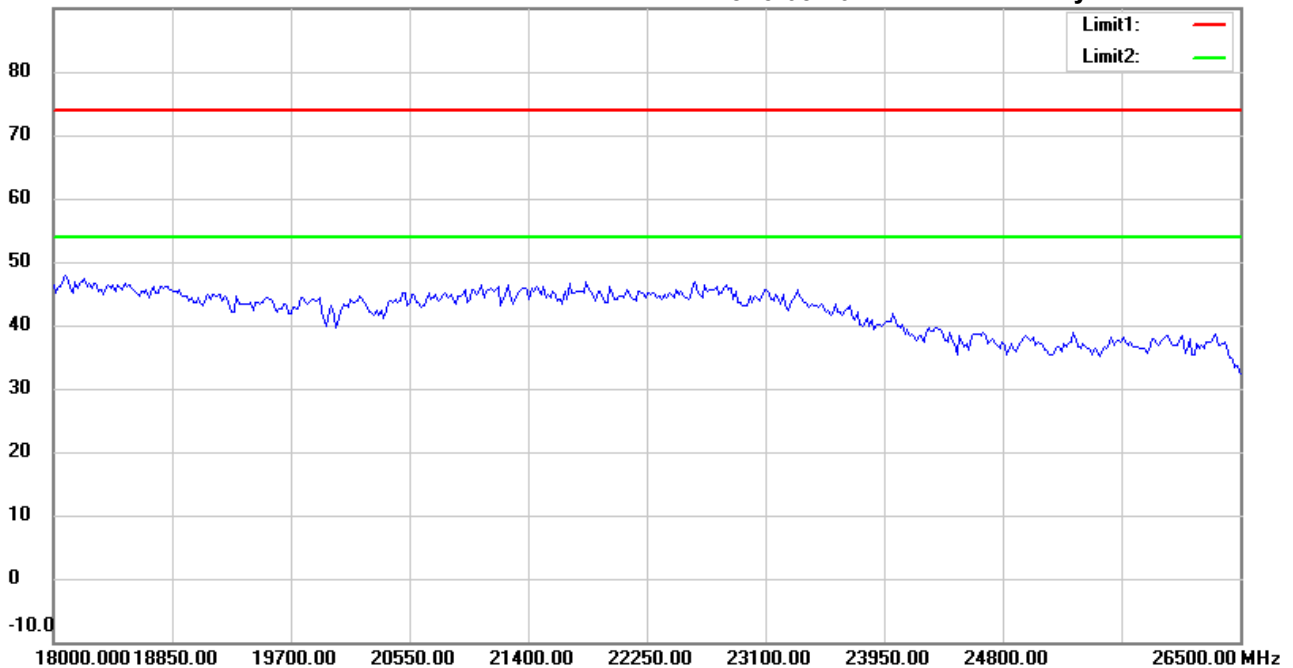
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 5:05:20 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

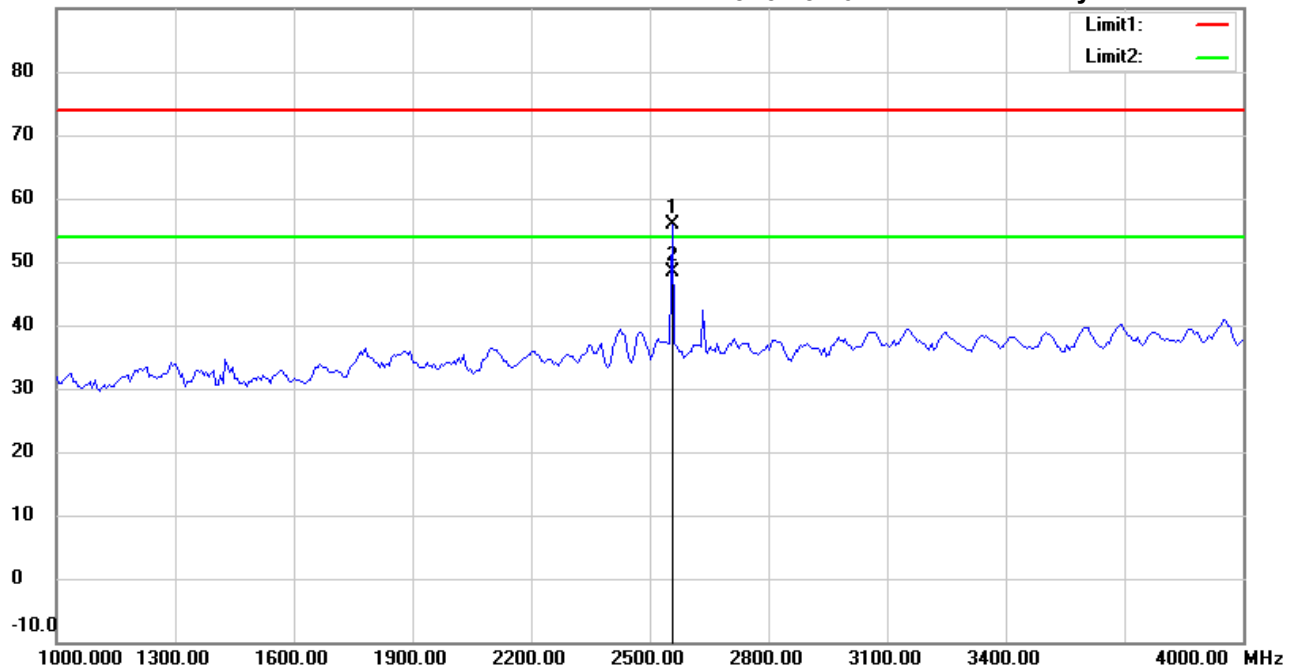
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:18:46 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	60.94	peak	-4.96	55.98	74.00	150	217	-18.02	
*	2557.114	53.46	AVG	-4.96	48.50	54.00	150	217	-5.50	

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



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

Operator: Leon

File : 3

Data : #6

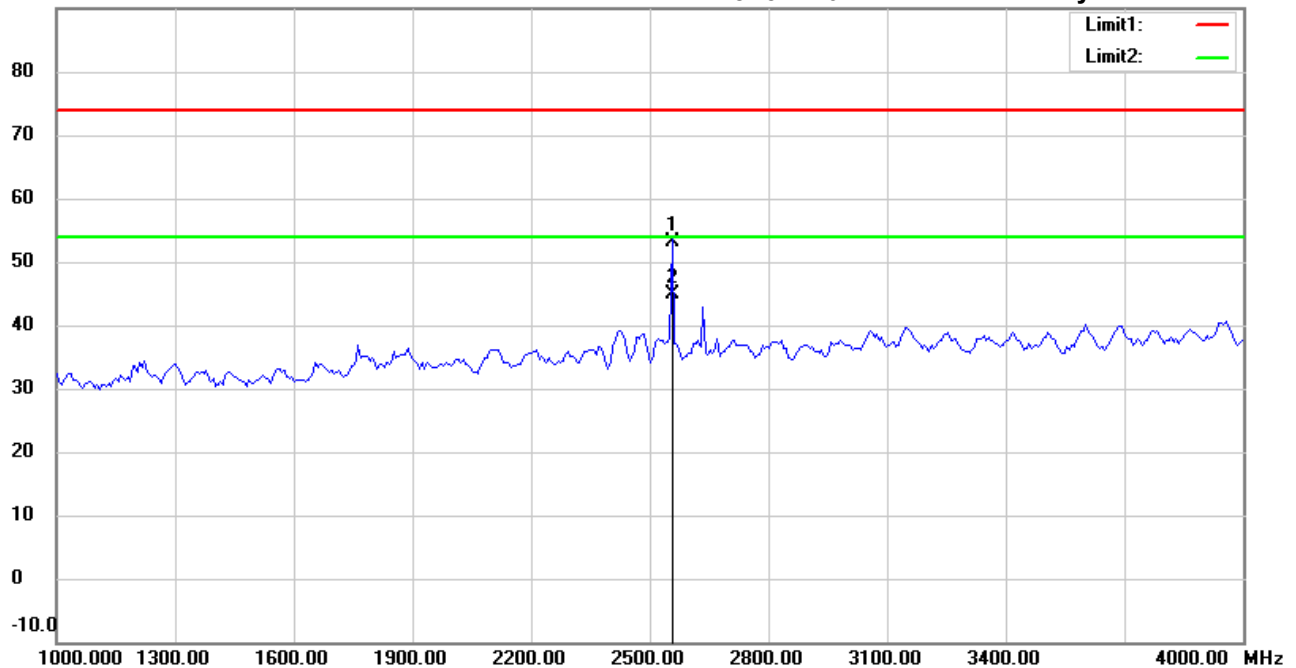
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:22:07 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	58.06	peak	-4.96	53.10	74.00	150	96	-20.90	
*	2557.114	49.77	AVG	-4.96	44.81	54.00	150	96	-9.19	

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



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

Operator: Leon

File : 3

Data : #2

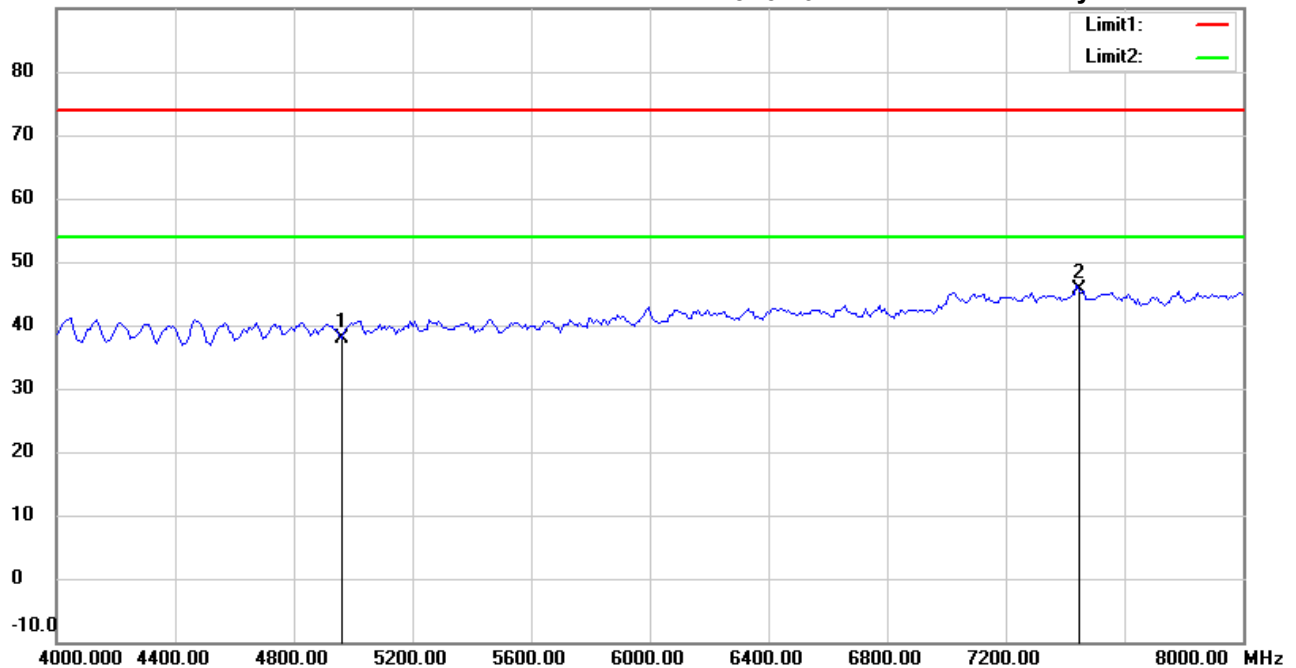
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:19:47 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	39.33	peak	-1.35	37.98	74.00	150	55	-36.02	
*	7440.000	42.00	peak	3.72	45.72	74.00	150	224	-28.28	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

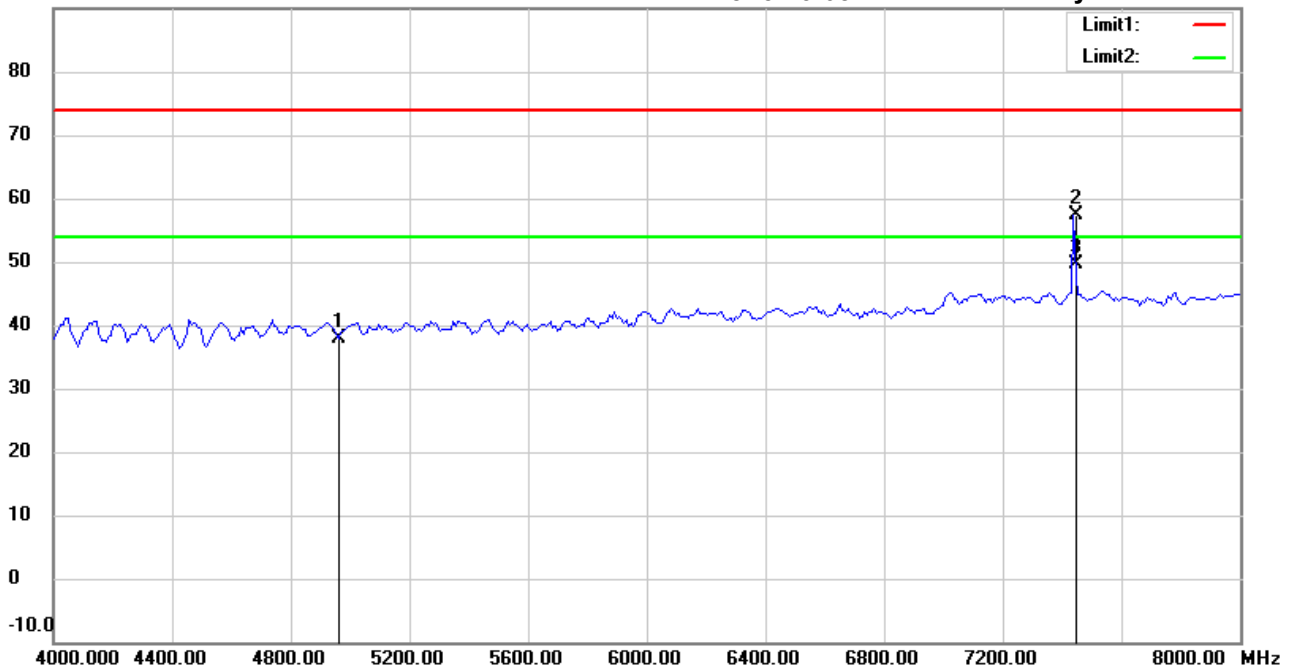
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:23:08 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4960.000	39.25	peak	-1.35	37.90	74.00	150	125	-36.10	
	7438.878	53.58	peak	3.73	57.31	74.00	150	312	-16.69	
*	7438.878	45.90	AVG	3.73	49.63	54.00	150	312	-4.37	

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



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

Operator: Leon

File :3

Data :#3

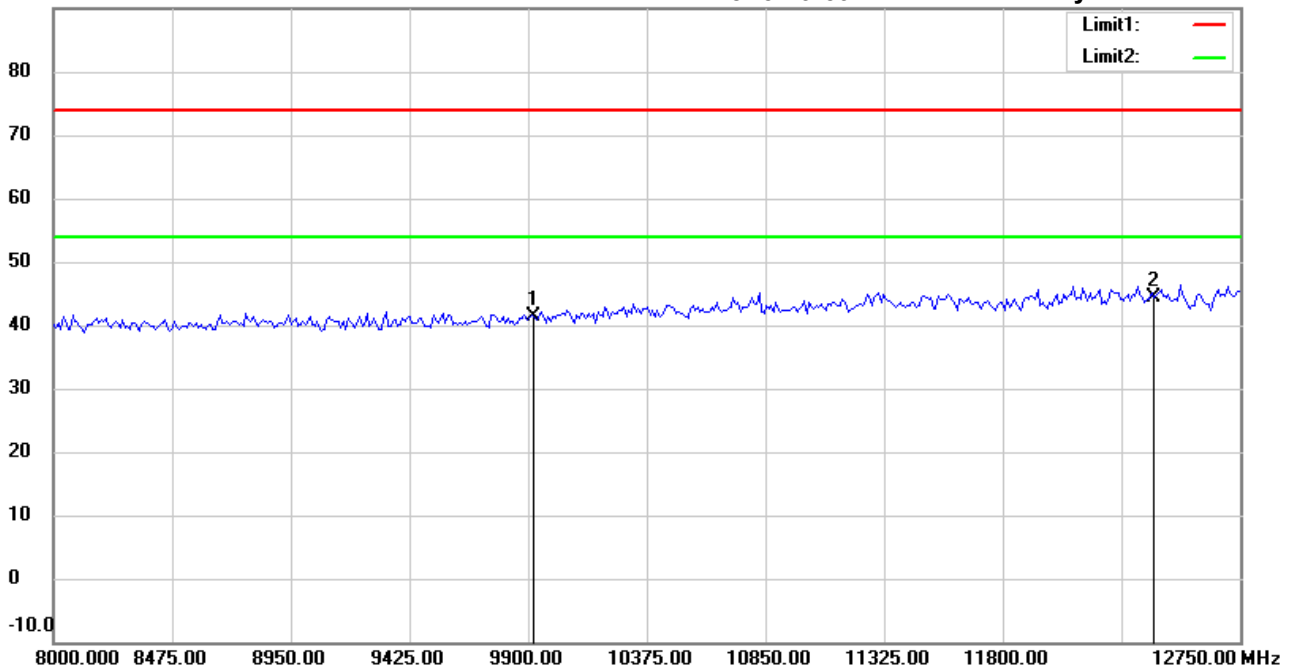
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:19:59 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	34.34	peak	7.16	41.50	74.00	150	65	-32.50	
*	12400.000	31.53	peak	12.75	44.28	74.00	150	237	-29.72	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

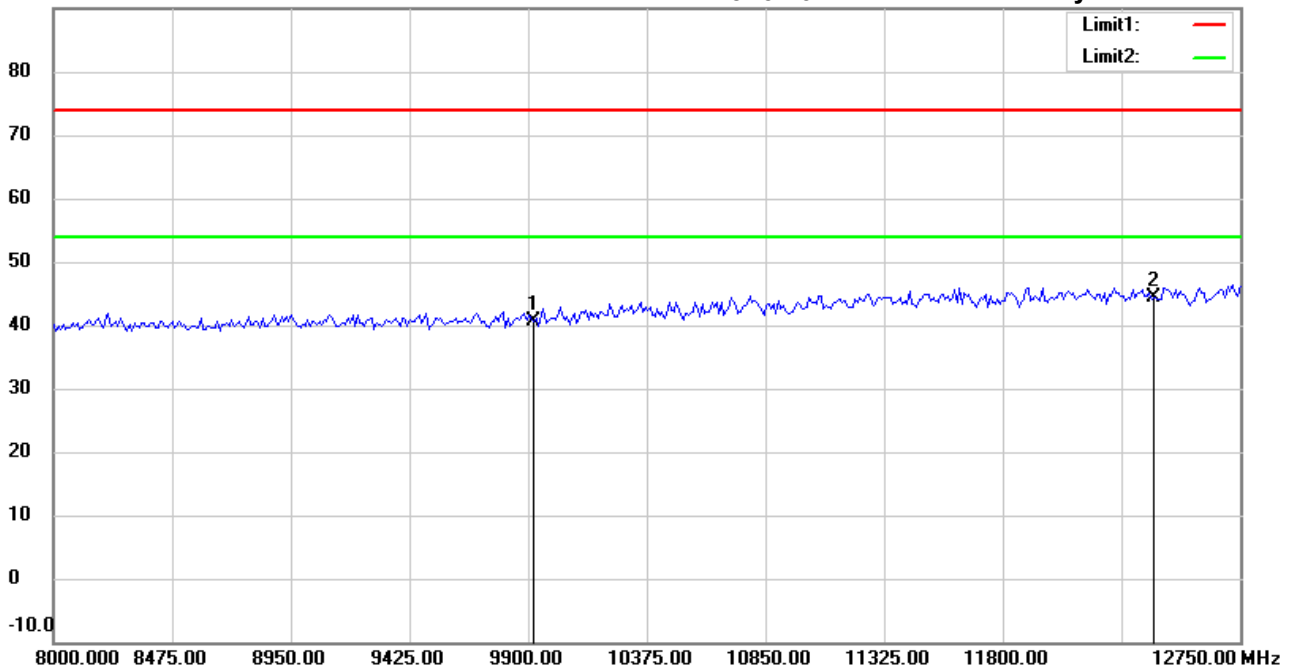
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:23:21 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	33.39	peak	7.16	40.55	74.00	150	216	-33.45	
*	12400.000	31.59	peak	12.75	44.34	74.00	150	95	-29.66	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

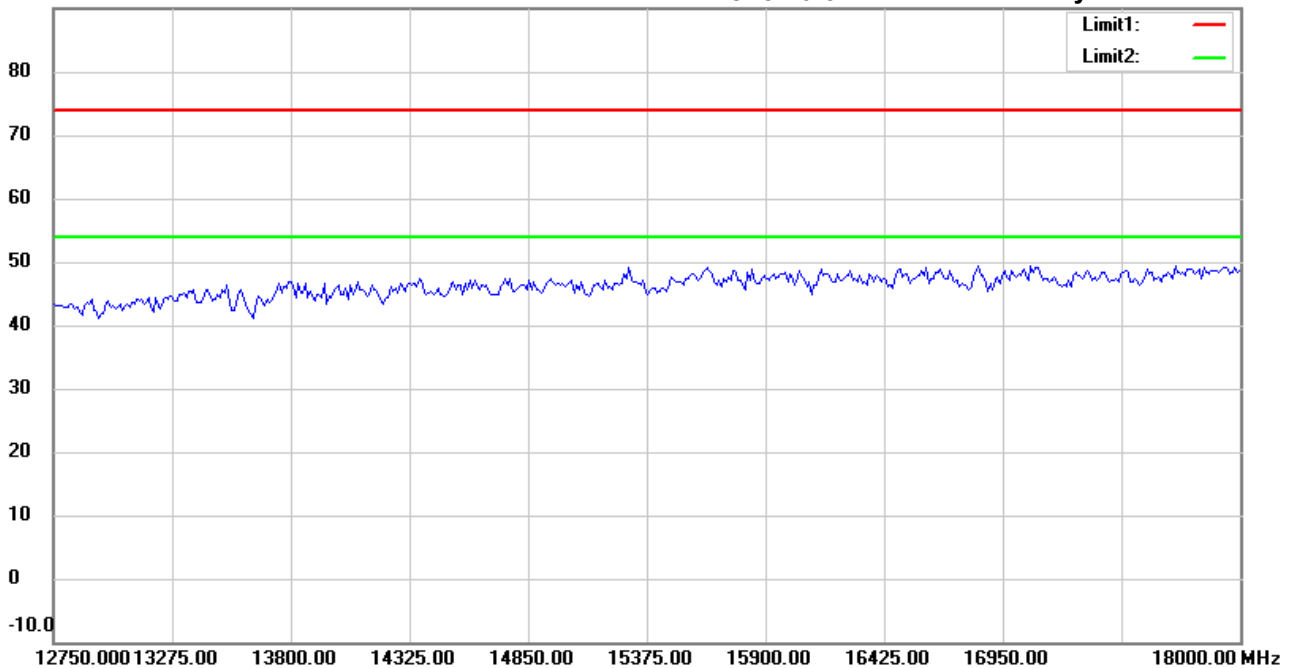
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:20:57 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #9

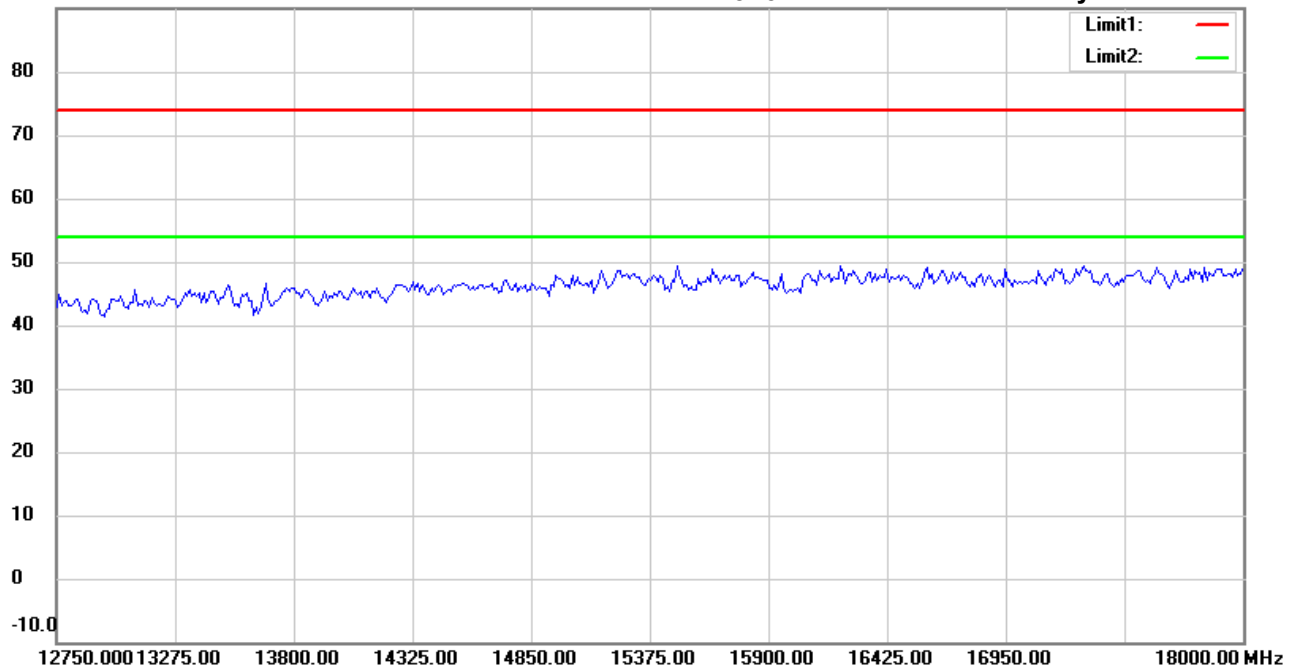
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:24:22 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File :3

Data :#5

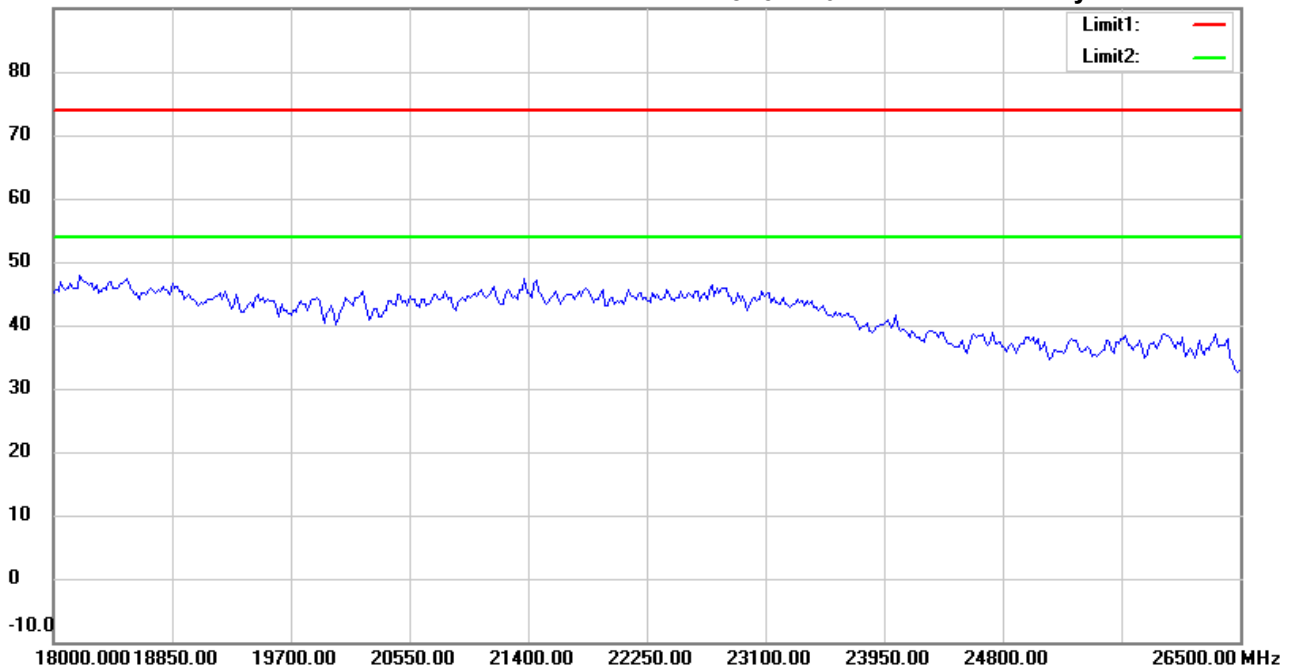
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 5:21:07 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

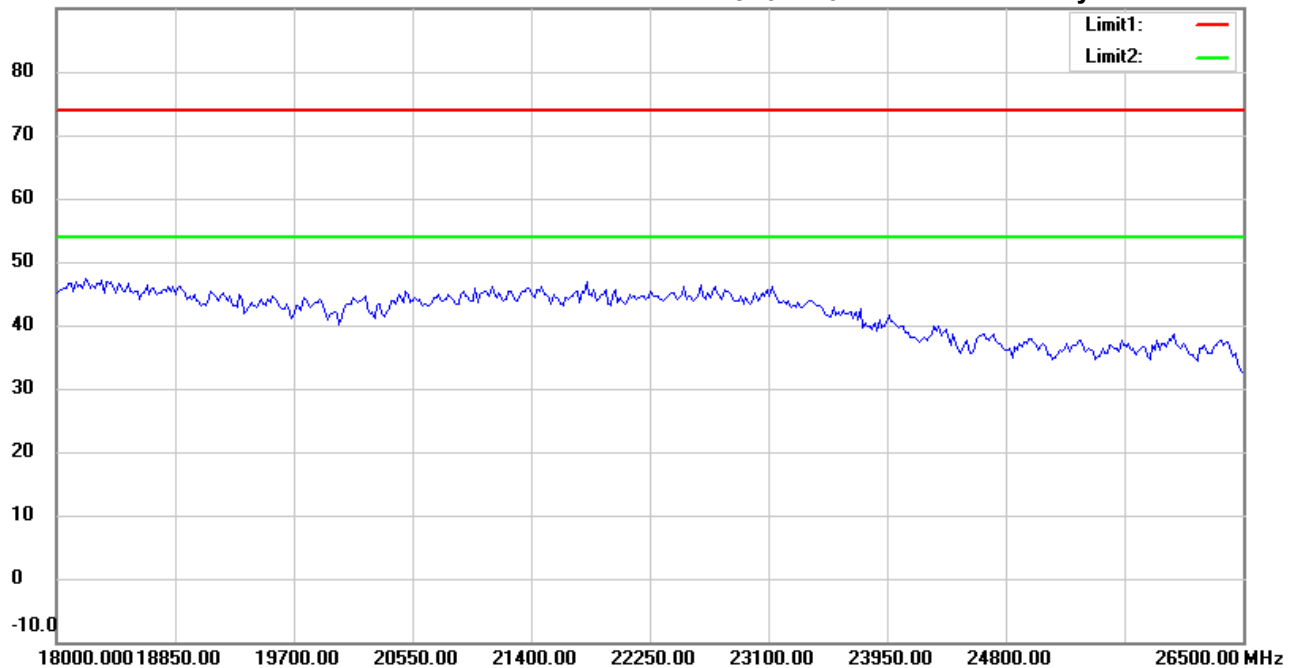
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:24:32 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



Radiated Emission Measurement

Operator: Allen

File : 1_BLE(1M)_TX

Data : #1

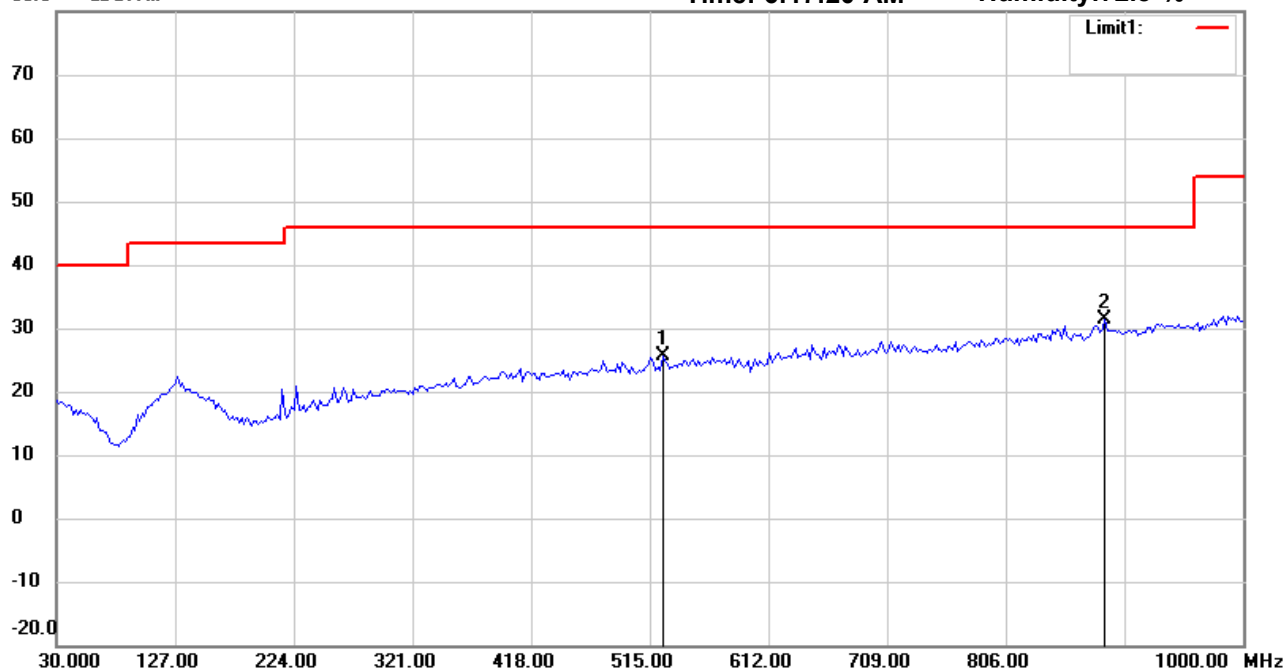
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:17:20 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21911-19475

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
	525.6914	27.90	peak	-2.35	25.55	46.00	100	270	-20.45	
*	887.2545	28.23	peak	3.06	31.29	46.00	100	335	-14.71	



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Radiated Emission Measurement

Operator: Allen

File : 1_BLE(1M)_TX

Data : #2

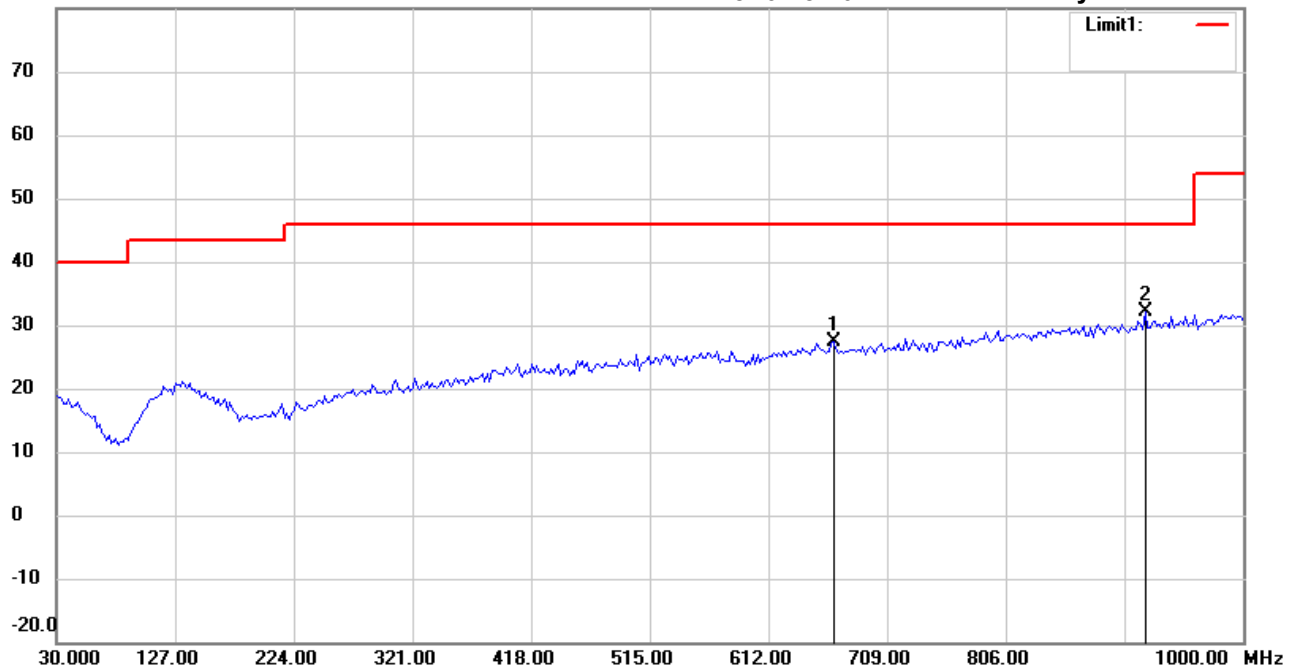
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:18:20 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21911-19475

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
	665.6513	28.14	peak	-0.70	27.44	46.00	100	55	-18.56	
*	920.3006	28.49	peak	3.62	32.11	46.00	100	190	-13.89	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

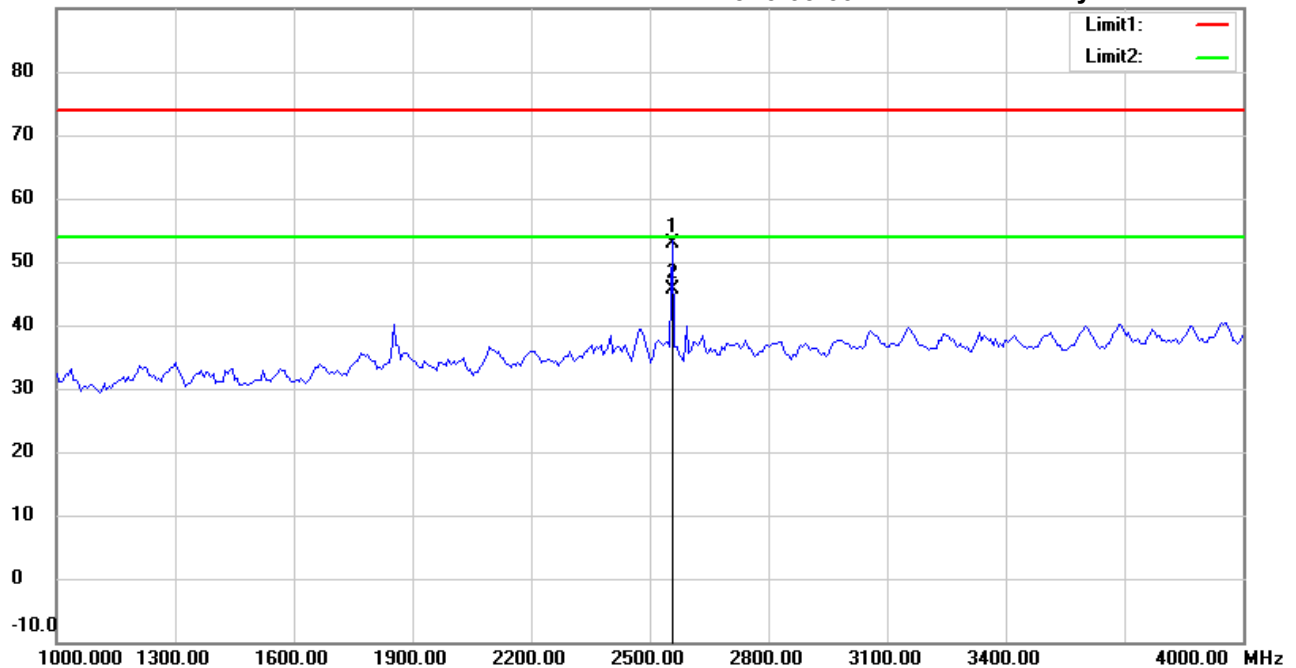
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:38:53 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2555.619	57.78	peak	-4.95	52.83	74.00	150	299	-21.17	
*	2555.619	50.51	AVG	-4.95	45.56	54.00	150	299	-8.44	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

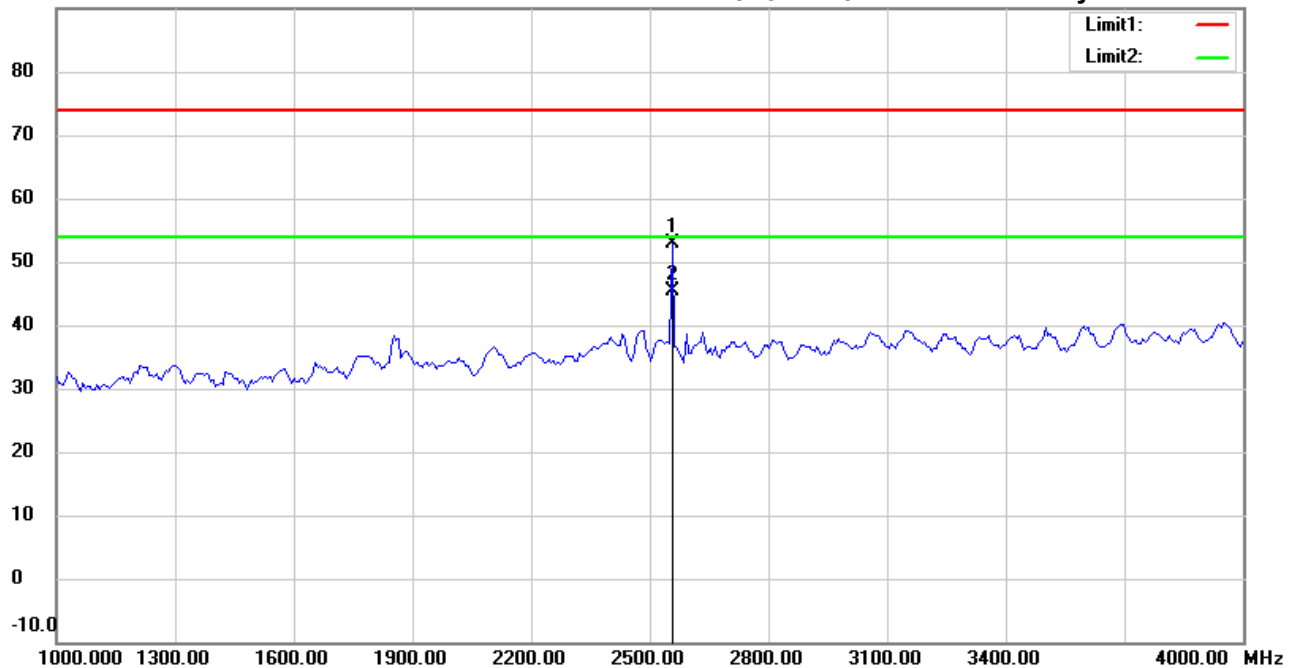
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:42:15 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	57.88	peak	-4.96	52.92	74.00	150	216	-21.08	
*	2557.114	50.30	AVG	-4.96	45.34	54.00	150	216	-8.66	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

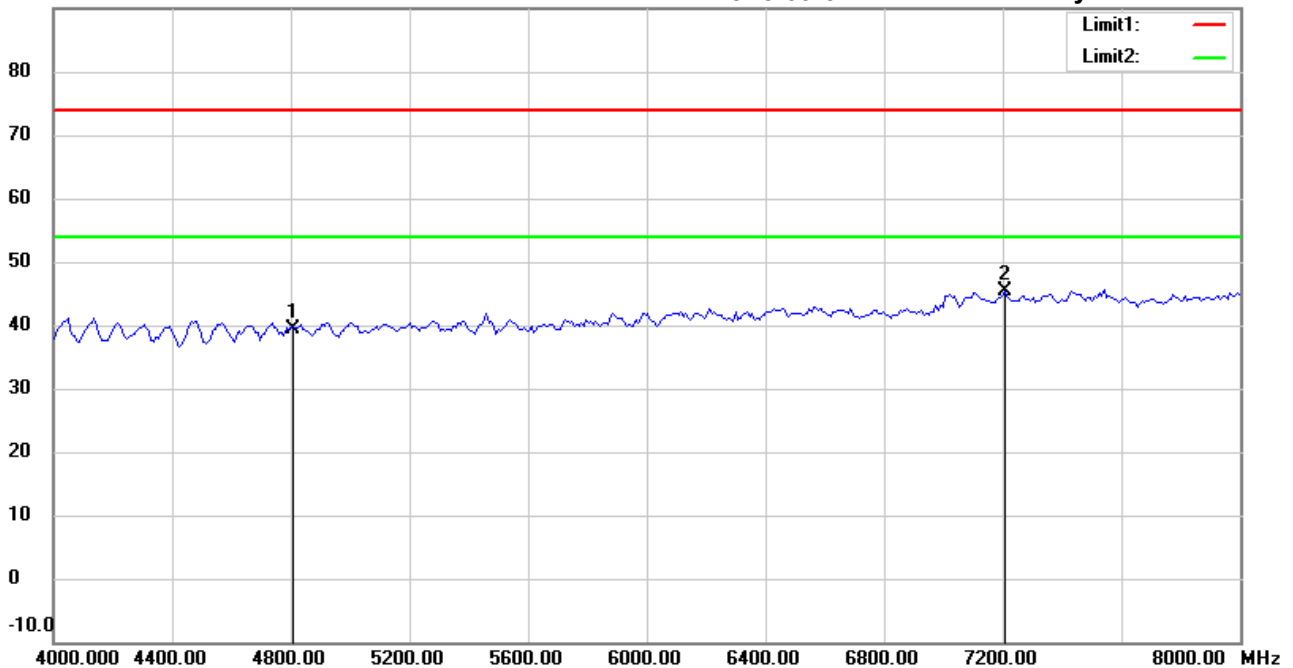
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:39:54 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	41.43	peak	-1.95	39.48	74.00	150	275	-34.52	
*	7206.000	42.04	peak	3.24	45.28	74.00	150	90	-28.72	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

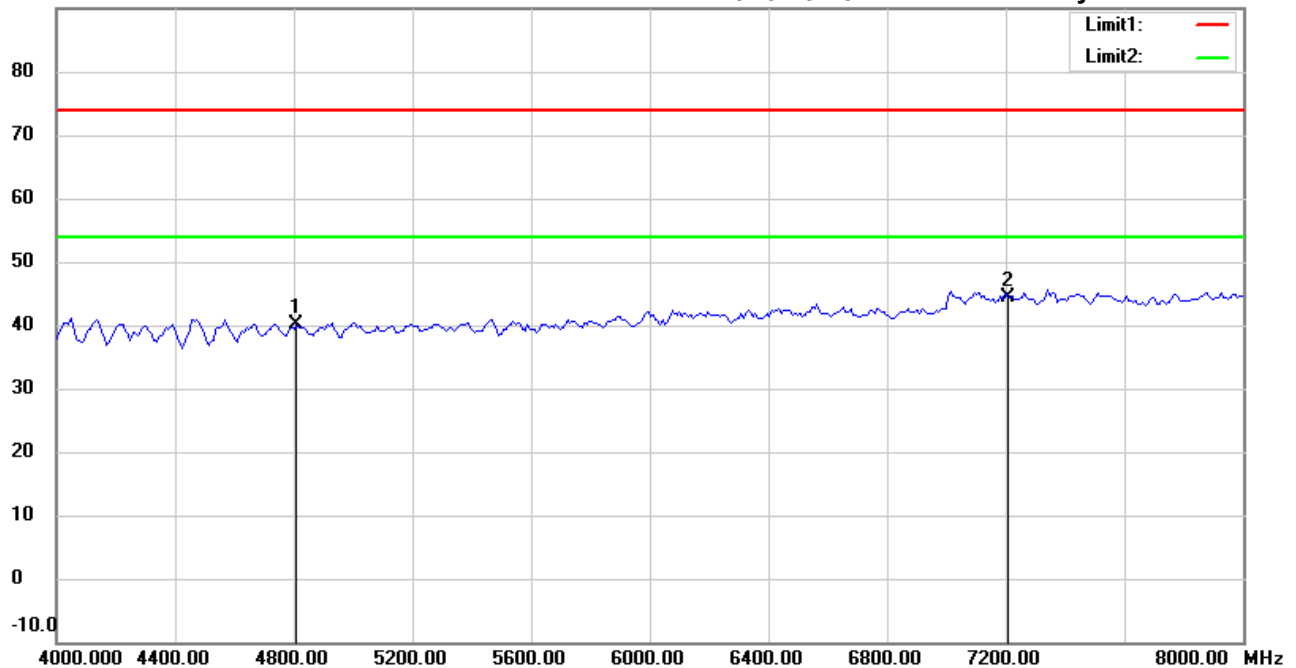
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:43:15 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	42.16	peak	-1.95	40.21	74.00	150	85	-33.79	
*	7206.000	41.03	peak	3.24	44.27	74.00	150	270	-29.73	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

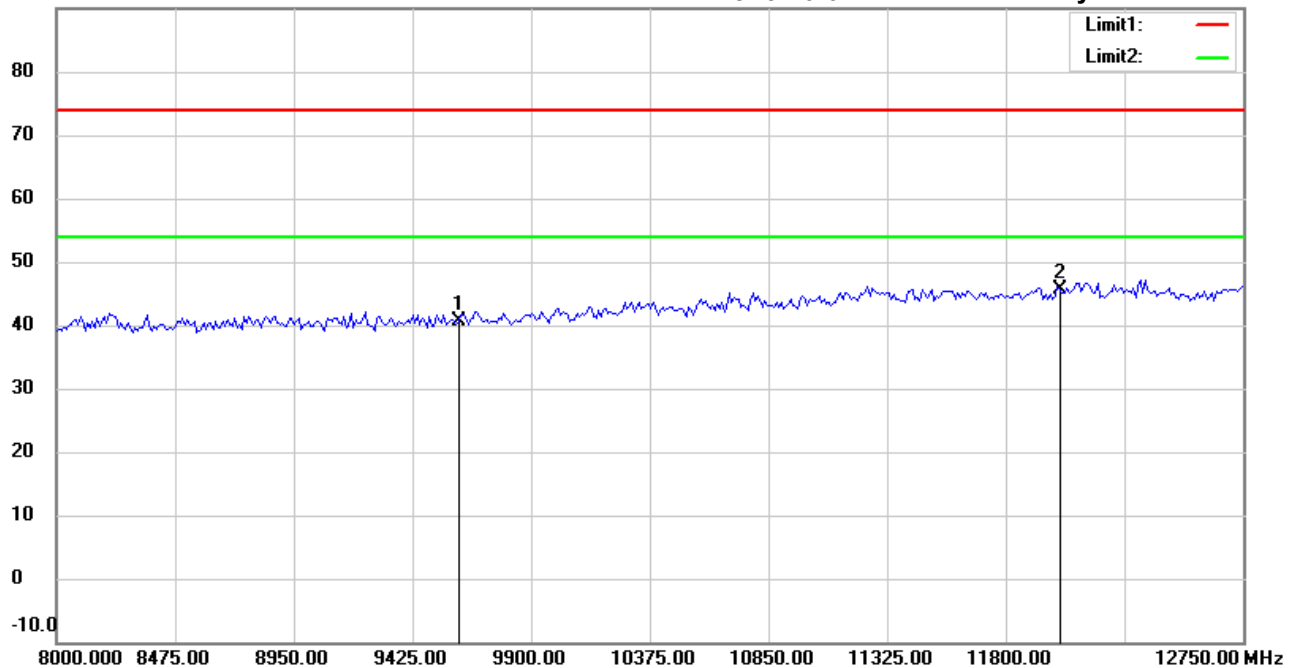
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:40:07 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9608.000	34.15	peak	6.53	40.68	74.00	150	170	-33.32	
*	12010.000	33.90	peak	11.62	45.52	74.00	150	235	-28.48	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

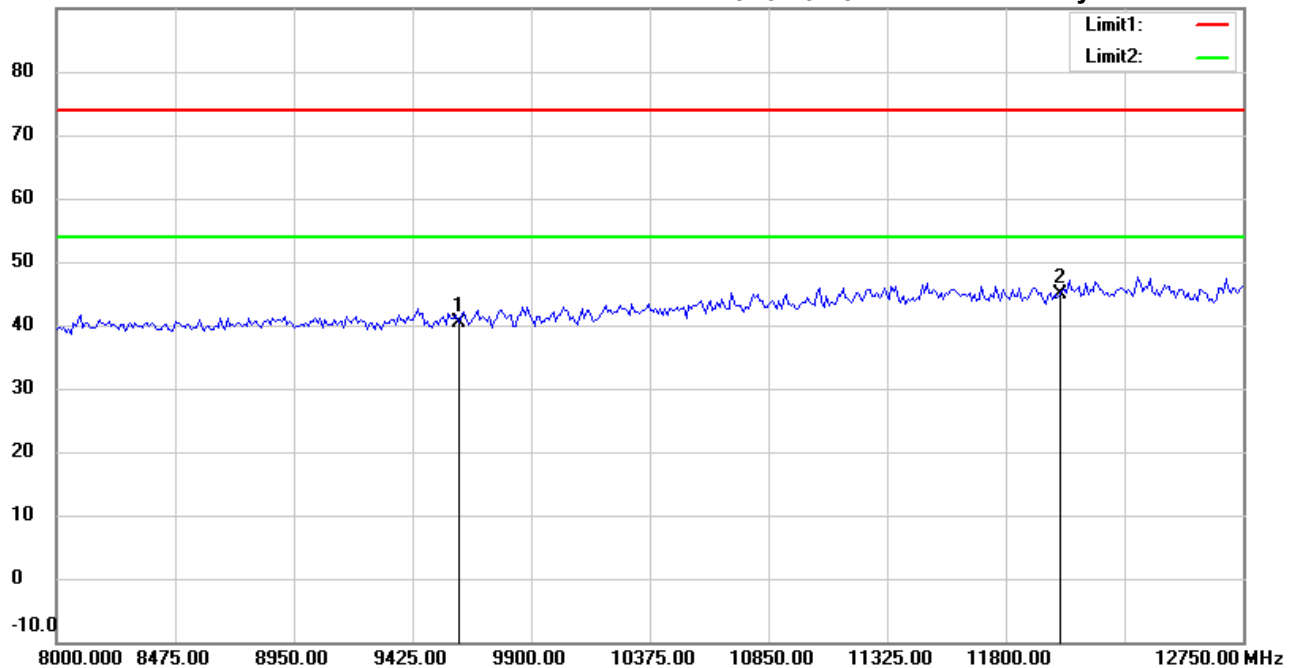
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 5:43:28 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	33.80	peak	6.53	40.33	74.00	150	40	-33.67	
*	12010.000	33.38	peak	11.62	45.00	74.00	150	263	-29.00	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

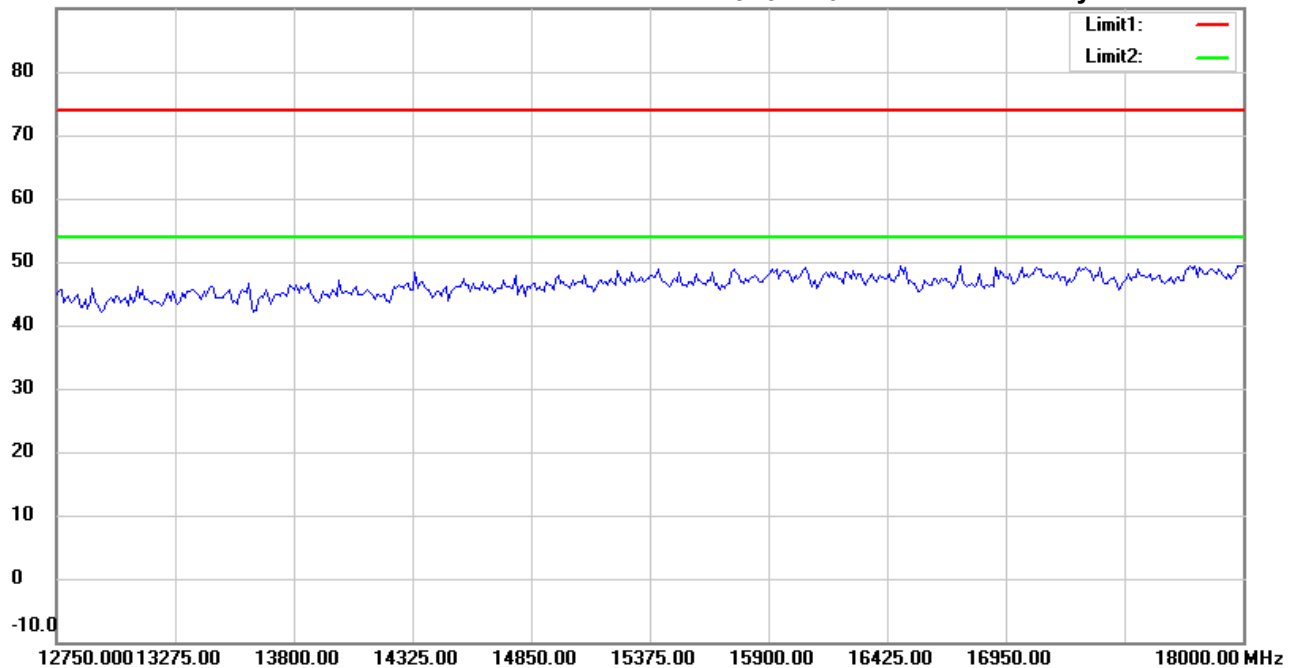
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:41:04 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #9

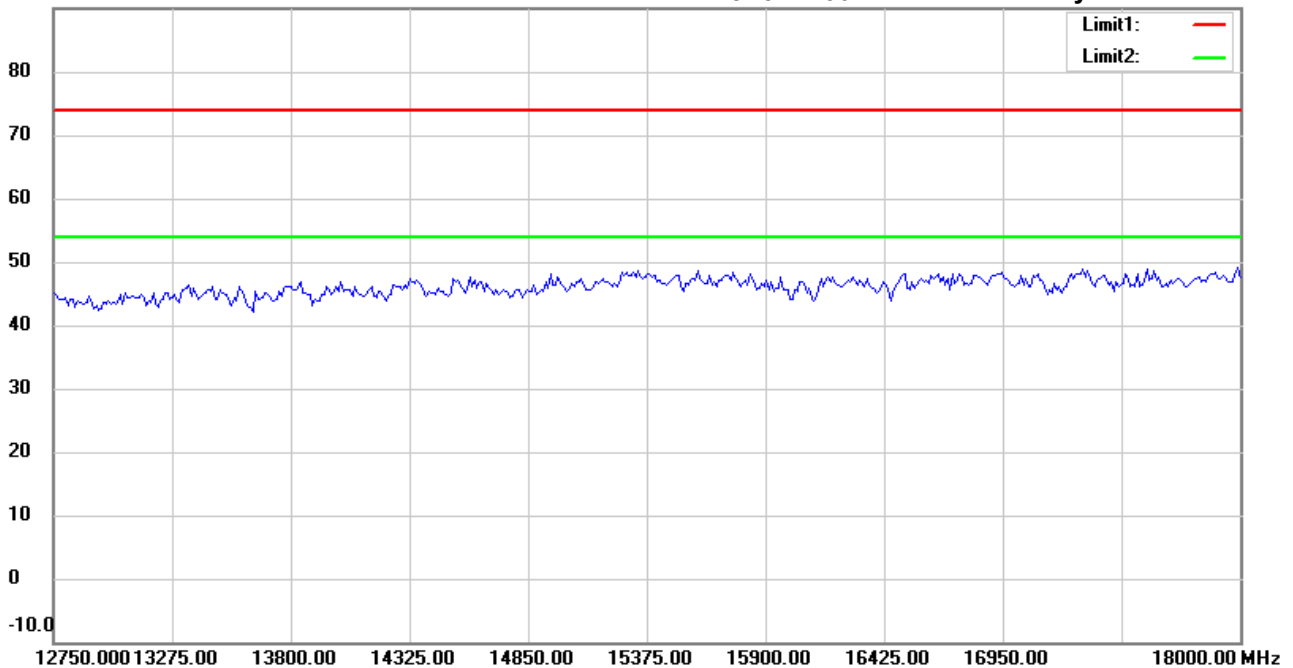
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:44:30 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #5

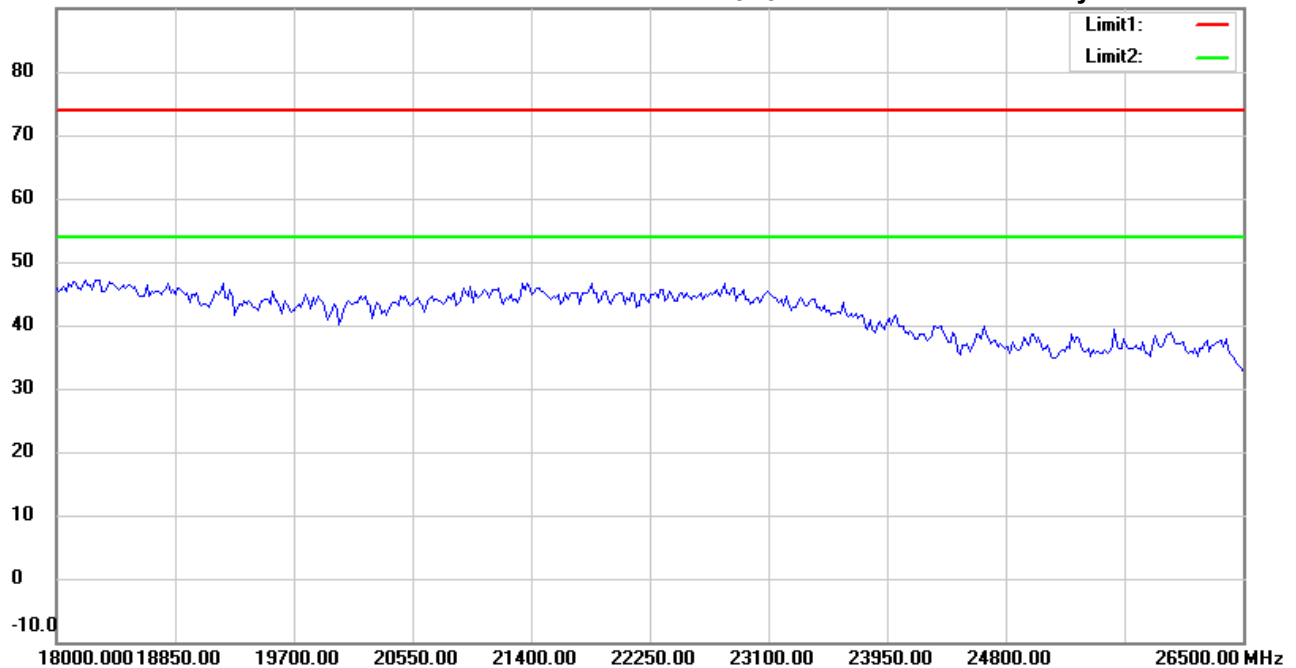
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:41:14 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

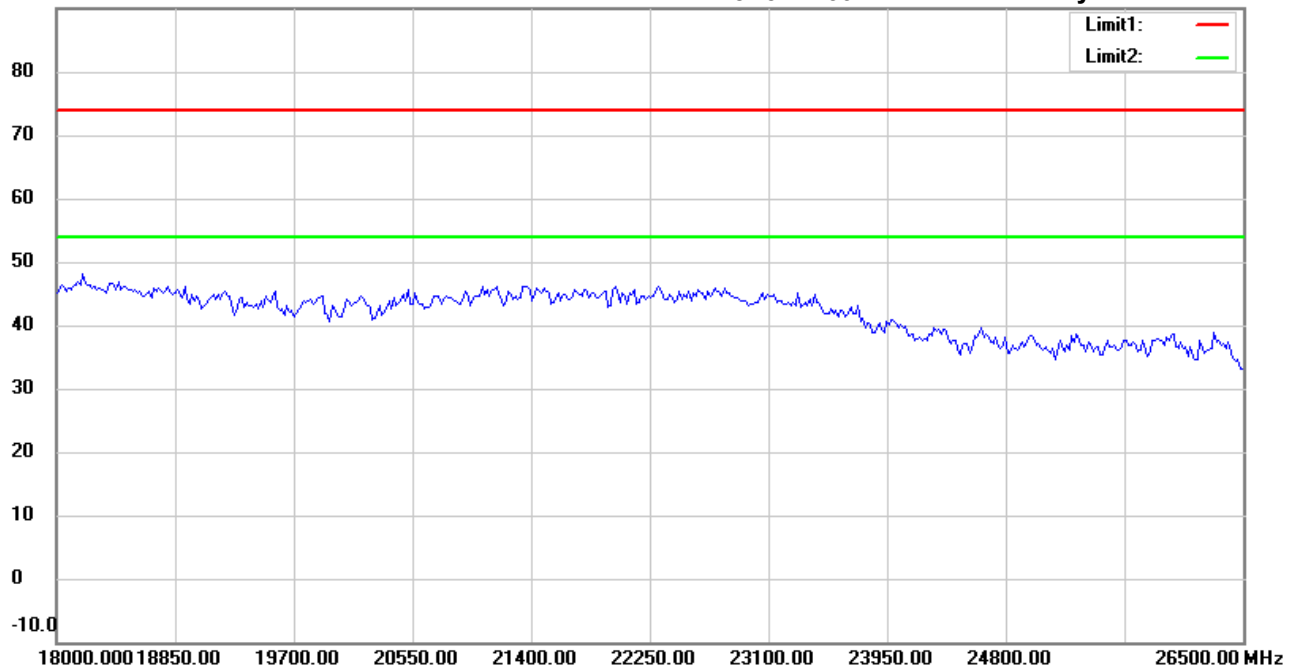
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:44:39 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

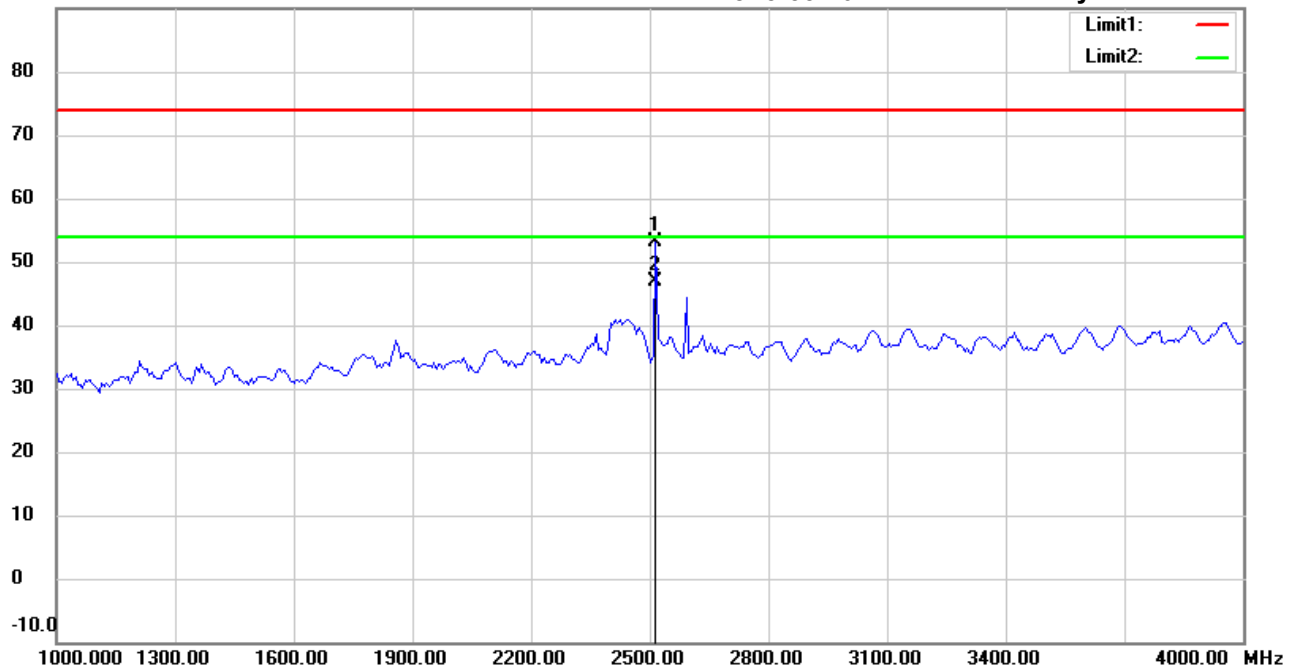
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:55:10 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2515.030	57.76	peak	-4.67	53.09	74.00	153	214	-20.91	
*	2515.030	51.59	AVG	-4.67	46.92	54.00	153	214	-7.08	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

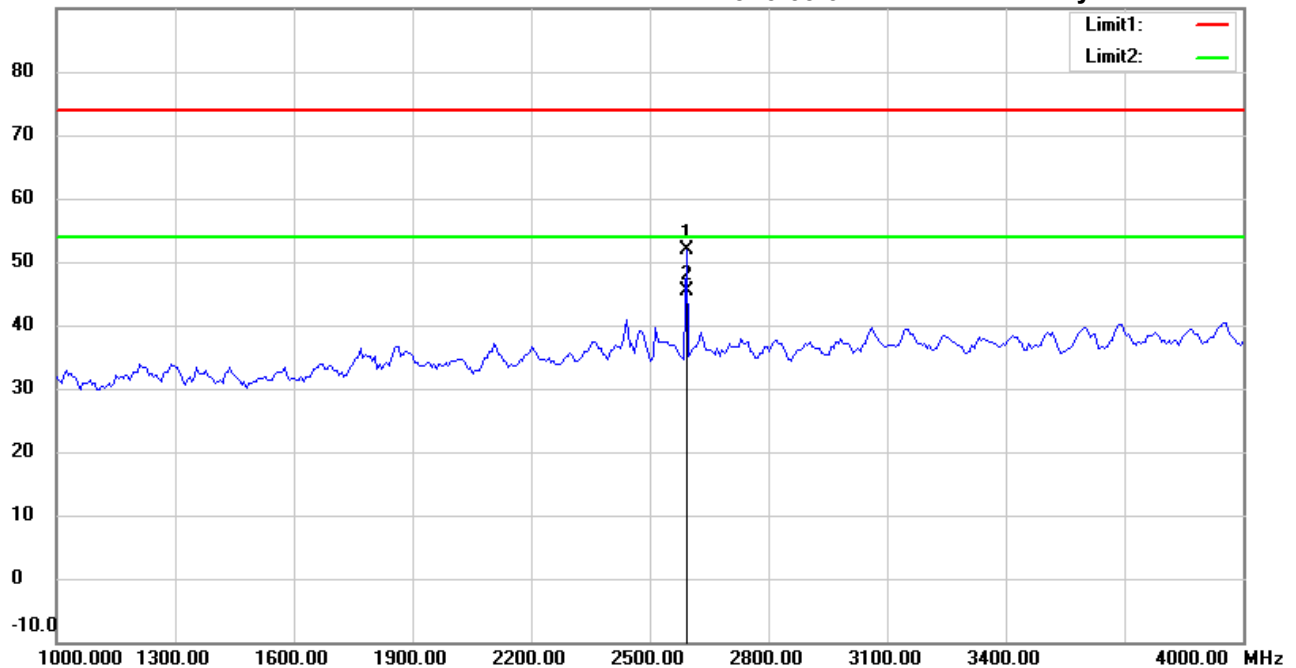
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:58:31 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2593.186	57.18	peak	-5.21	51.97	74.00	150	233	-22.03	
*	2593.186	50.53	AVG	-5.21	45.32	54.00	150	233	-8.68	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

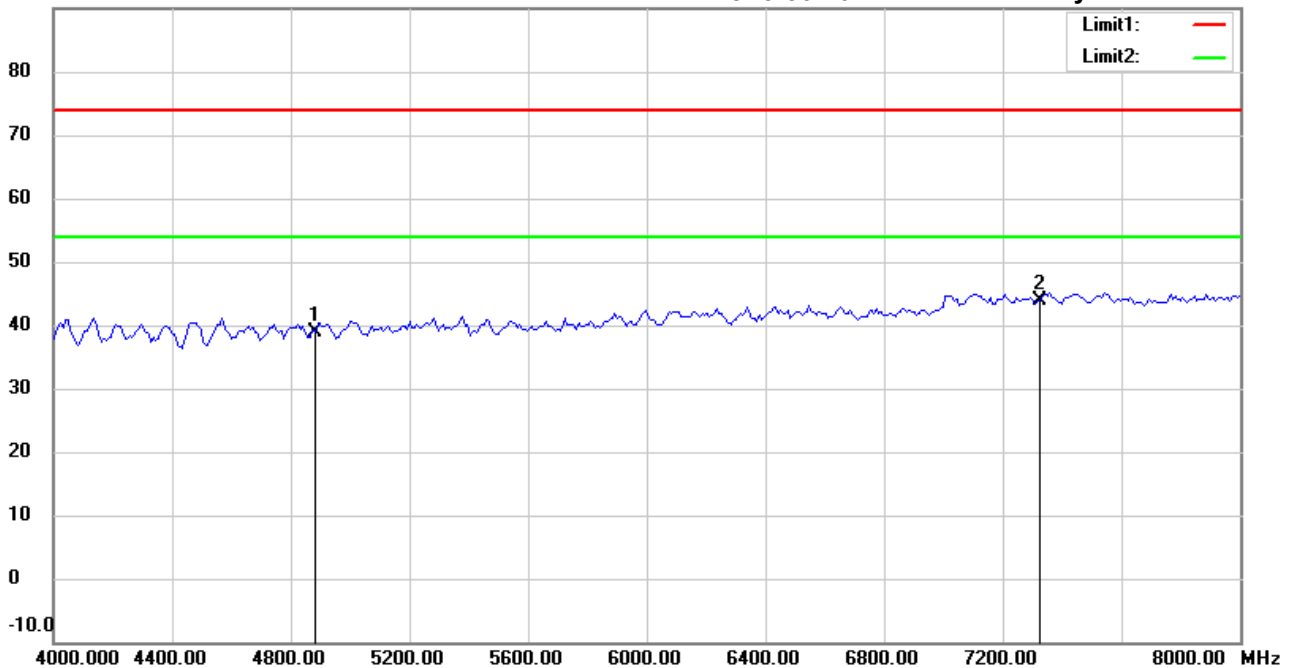
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:56:10 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.62	peak	-1.68	38.94	74.00	150	230	-35.06	
*	7320.000	40.52	peak	3.45	43.97	74.00	150	145	-30.03	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

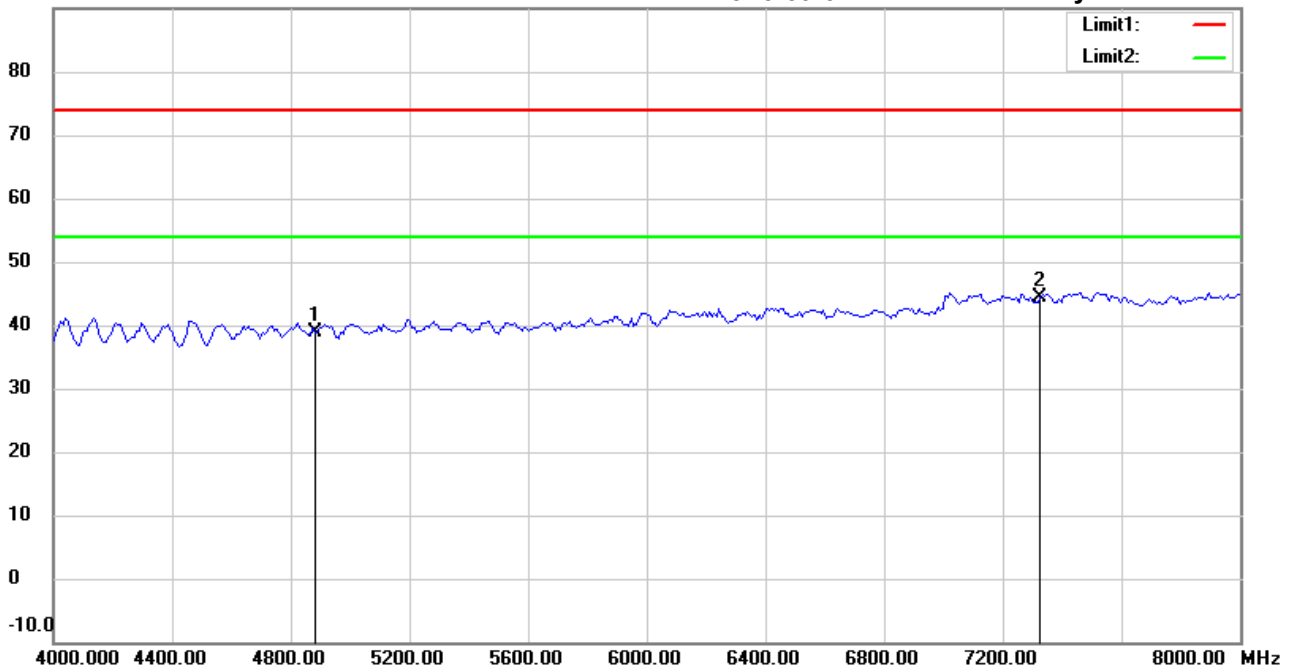
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:59:32 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.64	peak	-1.68	38.96	74.00	150	65	-35.04	
*	7320.000	40.86	peak	3.45	44.31	74.00	150	170	-29.69	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #3

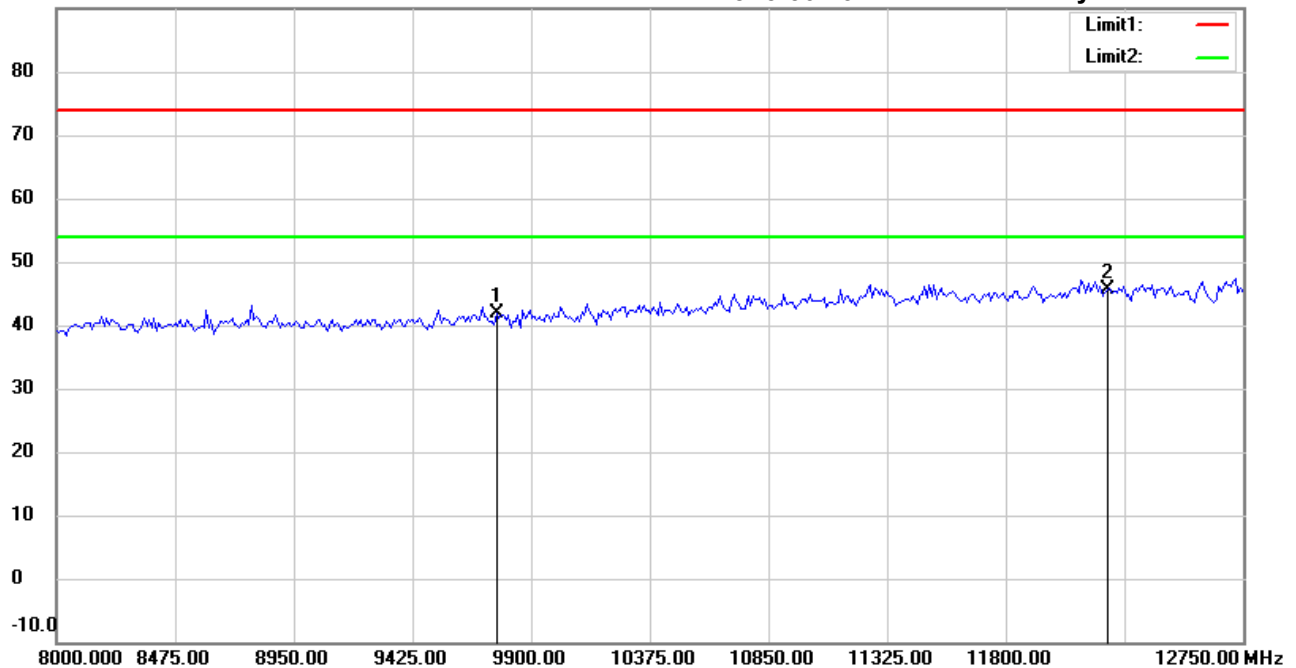
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:56:23 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	35.01	peak	6.76	41.77	74.00	150	200	-32.23	
*	12200.000	32.78	peak	12.85	45.63	74.00	150	231	-28.37	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

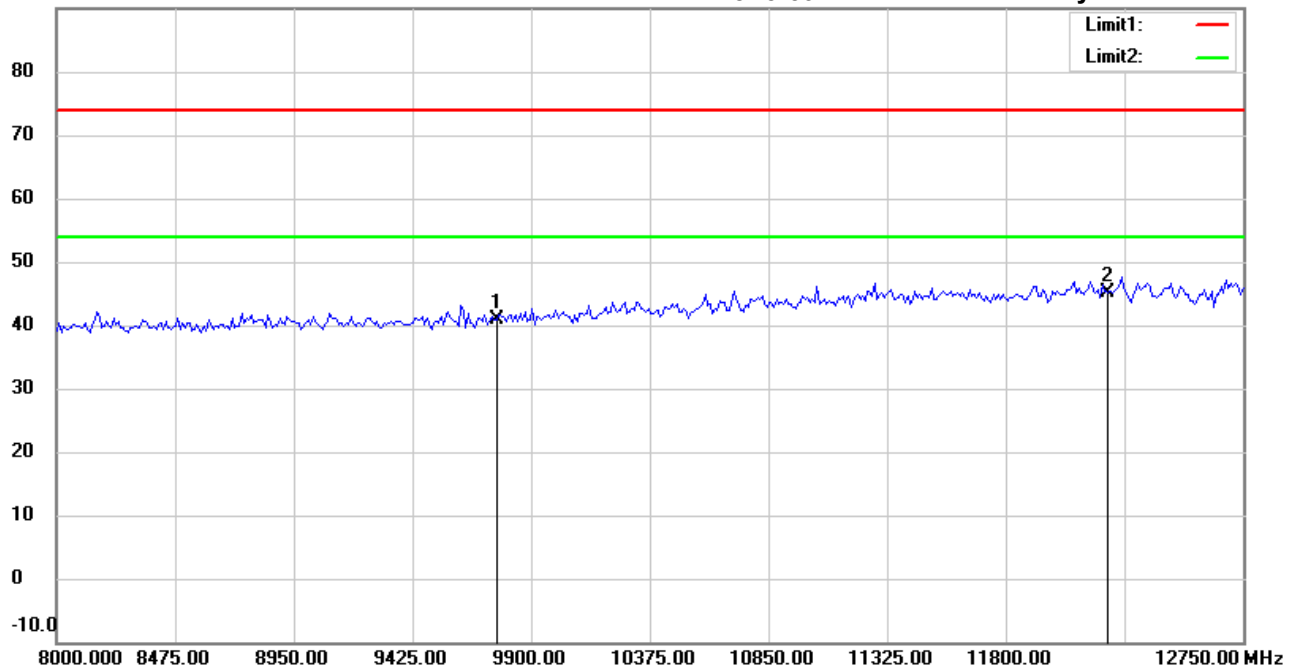
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 5:59:44 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	34.11	peak	6.76	40.87	74.00	150	57	-33.13	
*	12200.000	32.29	peak	12.85	45.14	74.00	150	263	-28.86	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

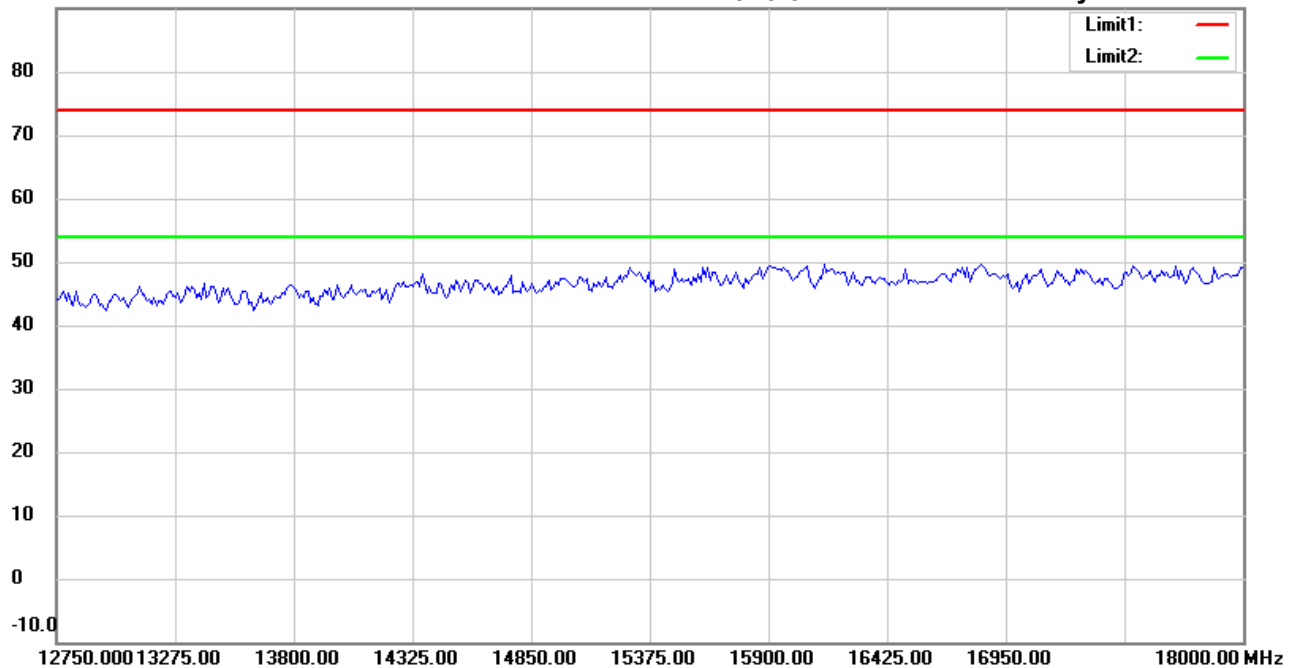
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:57:21 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

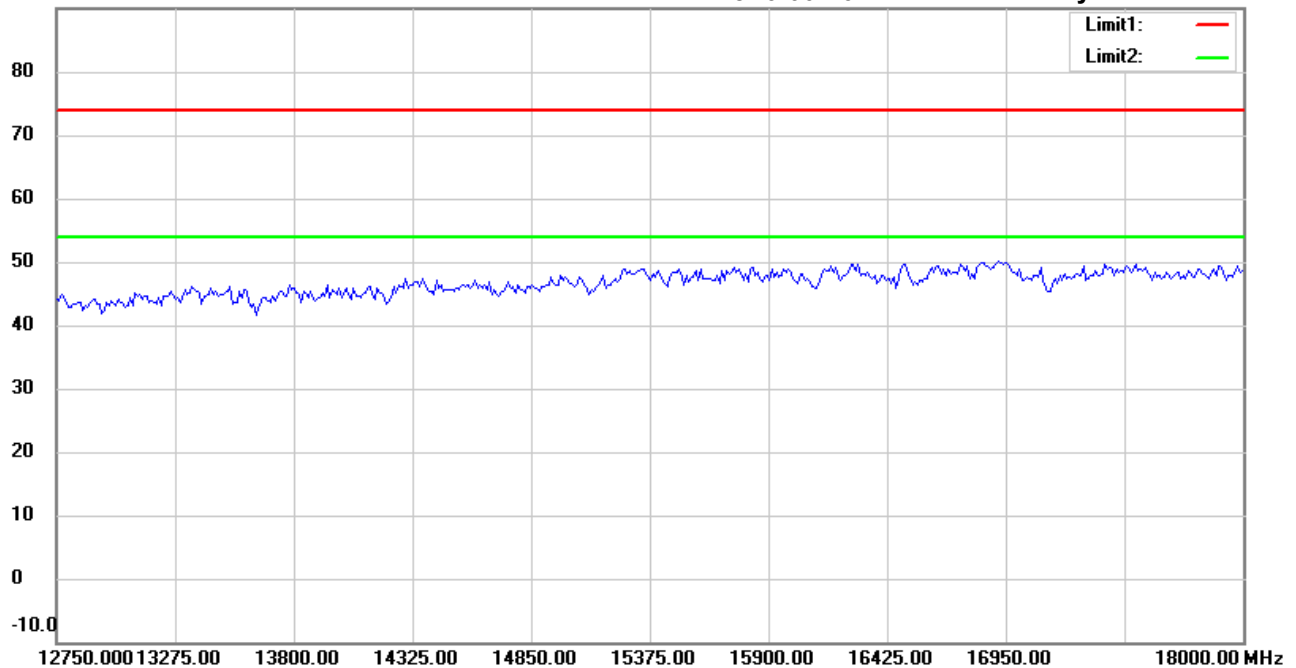
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:00:46 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



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

Operator: Leon

File : 3

Data : #5

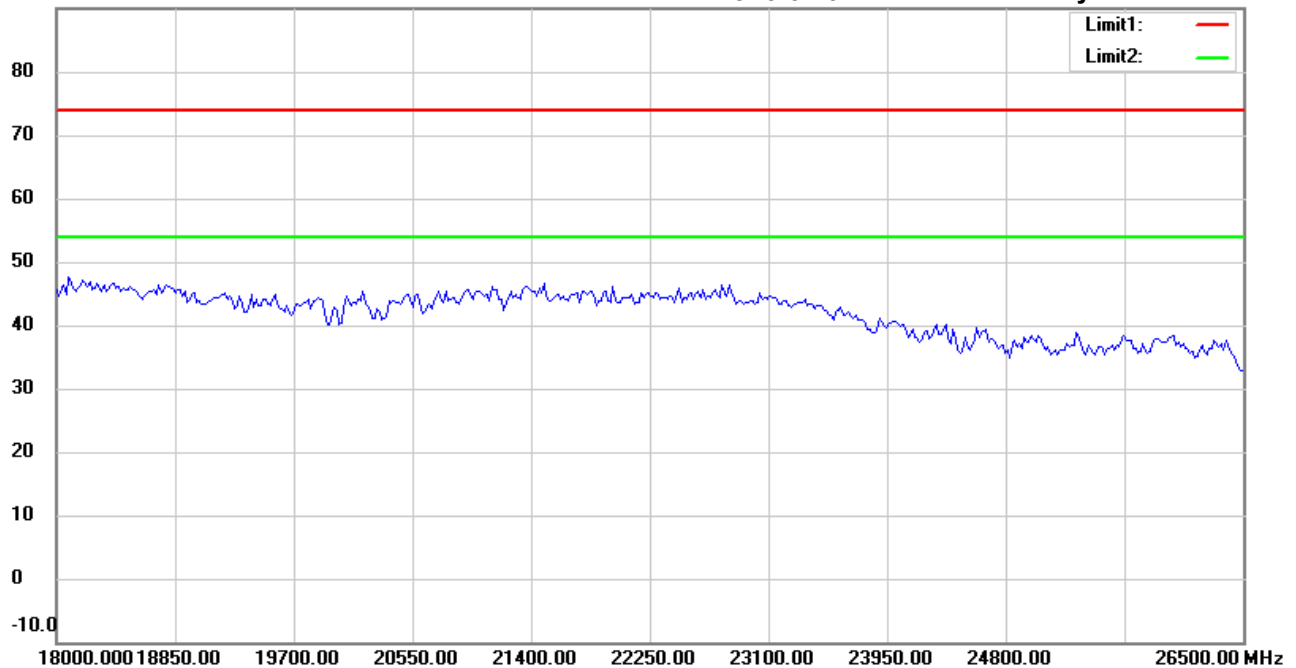
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 5:57:31 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

Operator: Leon

File : 3

Data : #10

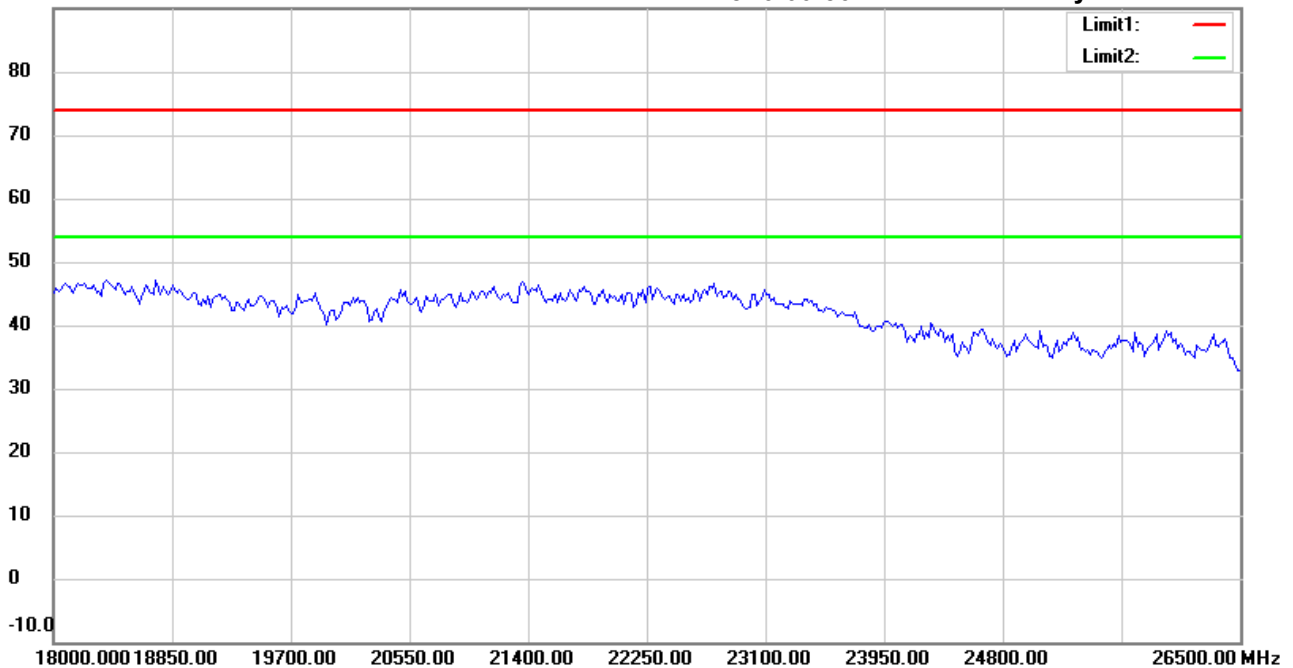
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:00:56 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

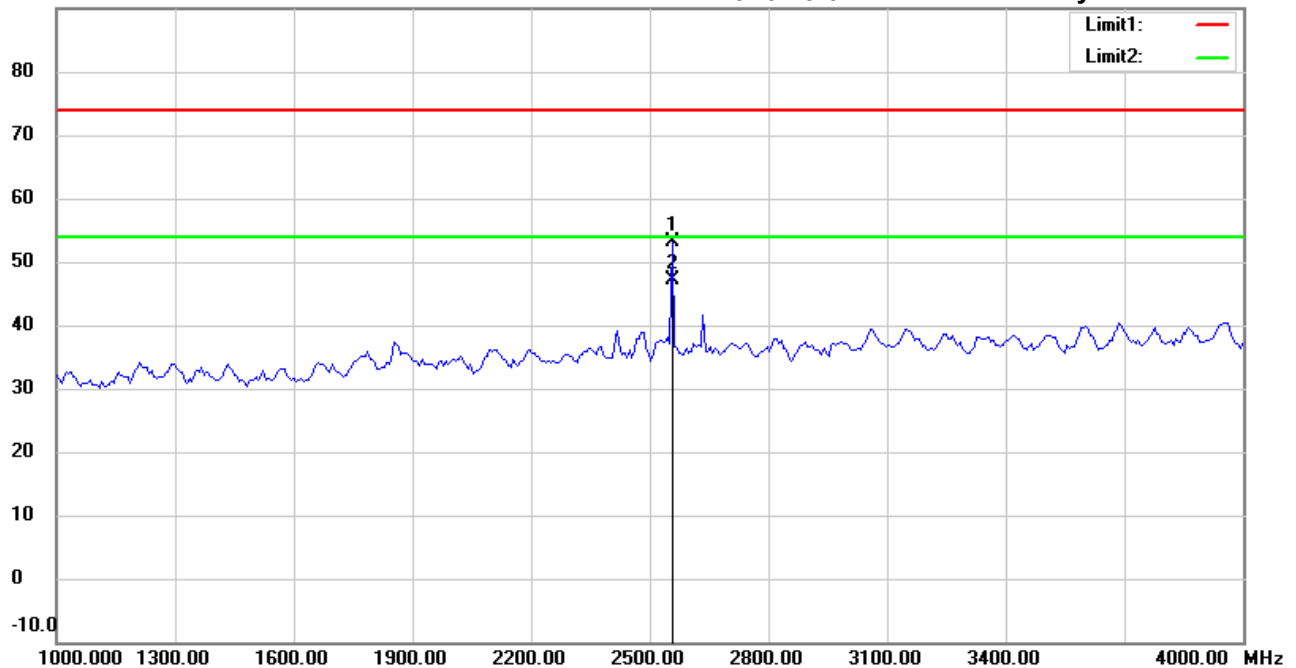
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:18:54 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	58.05	peak	-4.96	53.09	74.00	152	138	-20.91	
*	2557.114	52.14	AVG	-4.96	47.18	54.00	152	138	-6.82	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

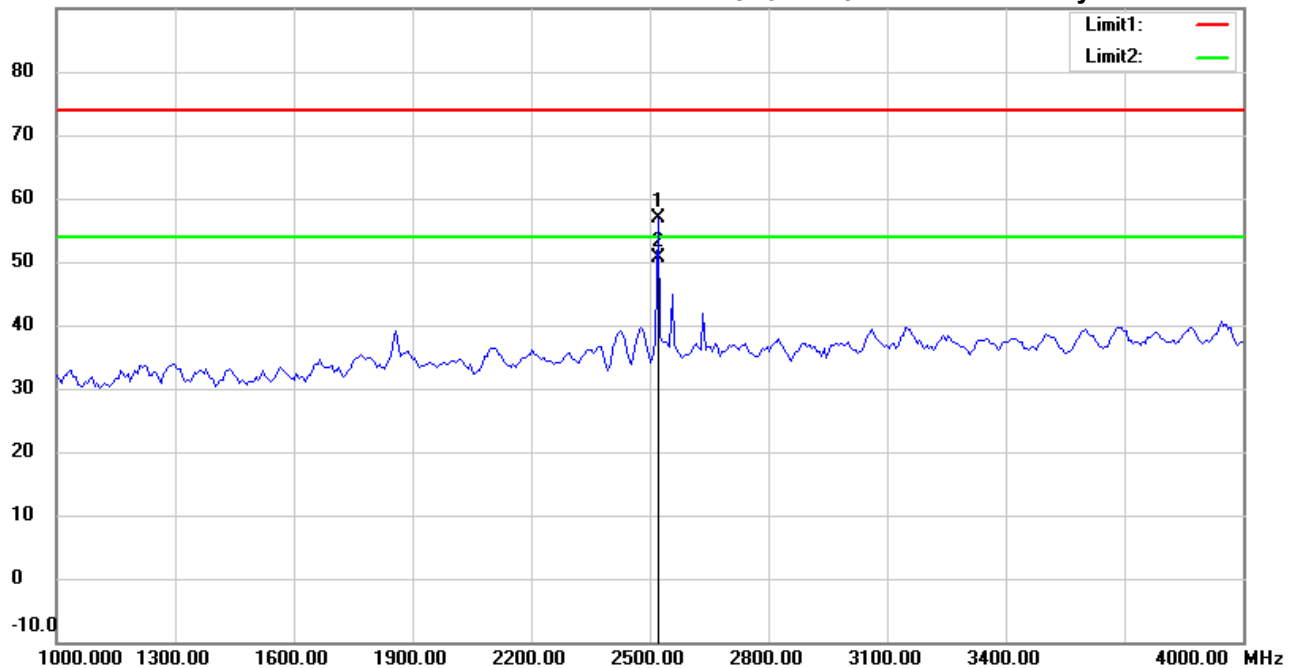
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:22:15 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2521.042	61.62	peak	-4.71	56.91	74.00	151	219	-17.09	
*	2521.042	55.33	AVG	-4.71	50.62	54.00	151	219	-3.38	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #2

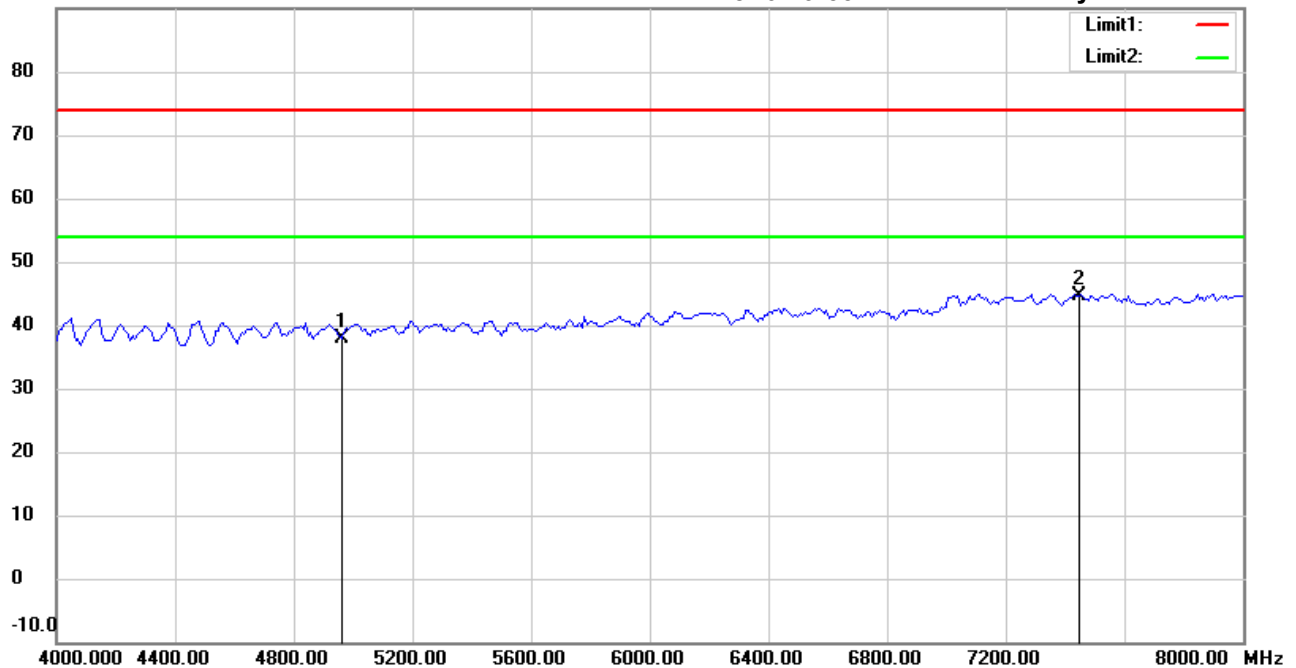
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:19:55 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	39.32	peak	-1.35	37.97	74.00	150	56	-36.03	
*	7440.000	40.99	peak	3.72	44.71	74.00	150	93	-29.29	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

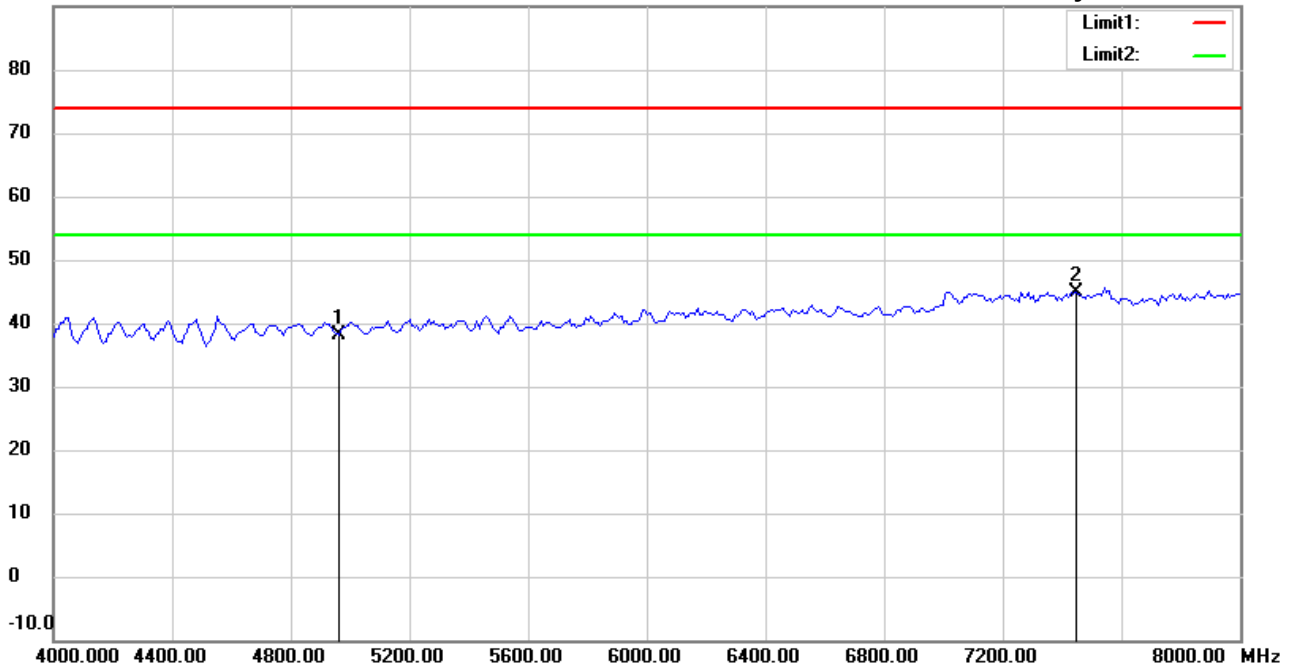
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:23:16 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4960.000	39.56	peak	-1.35	38.21	74.00	150	80	-35.79	
*	7440.000	41.26	peak	3.72	44.98	74.00	150	235	-29.02	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

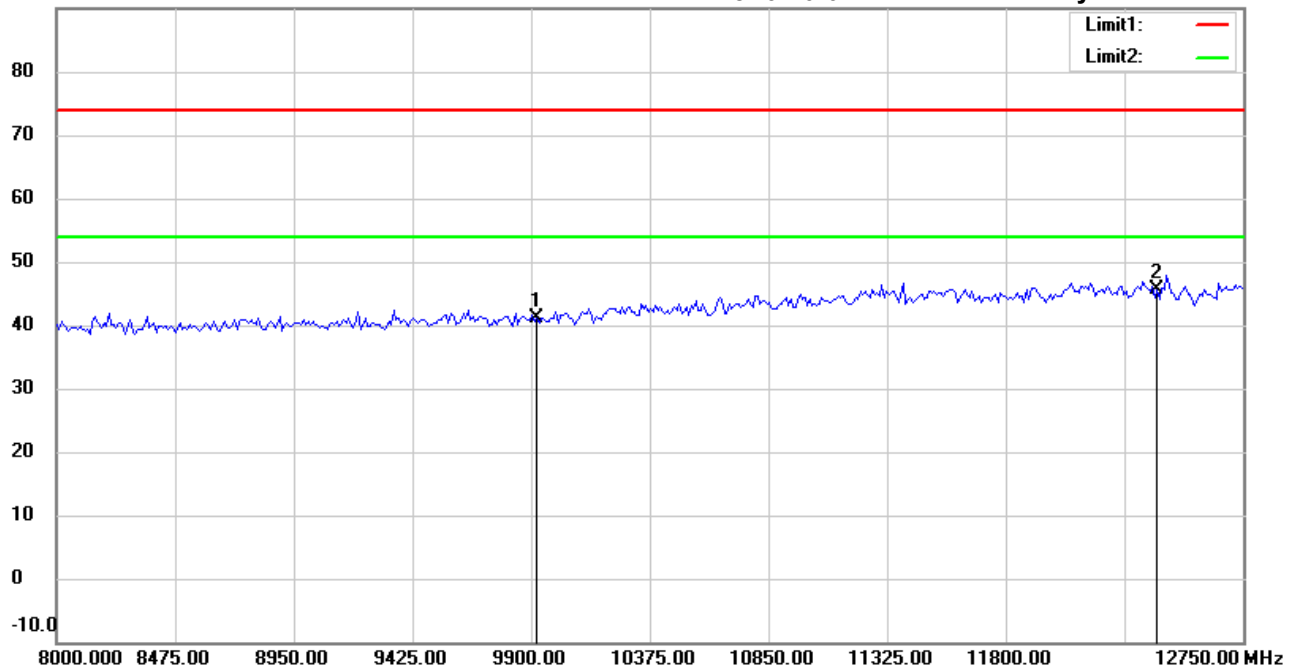
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:20:07 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	34.03	peak	7.16	41.19	74.00	150	127	-32.81	
*	12400.000	32.92	peak	12.75	45.67	74.00	150	155	-28.33	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #8

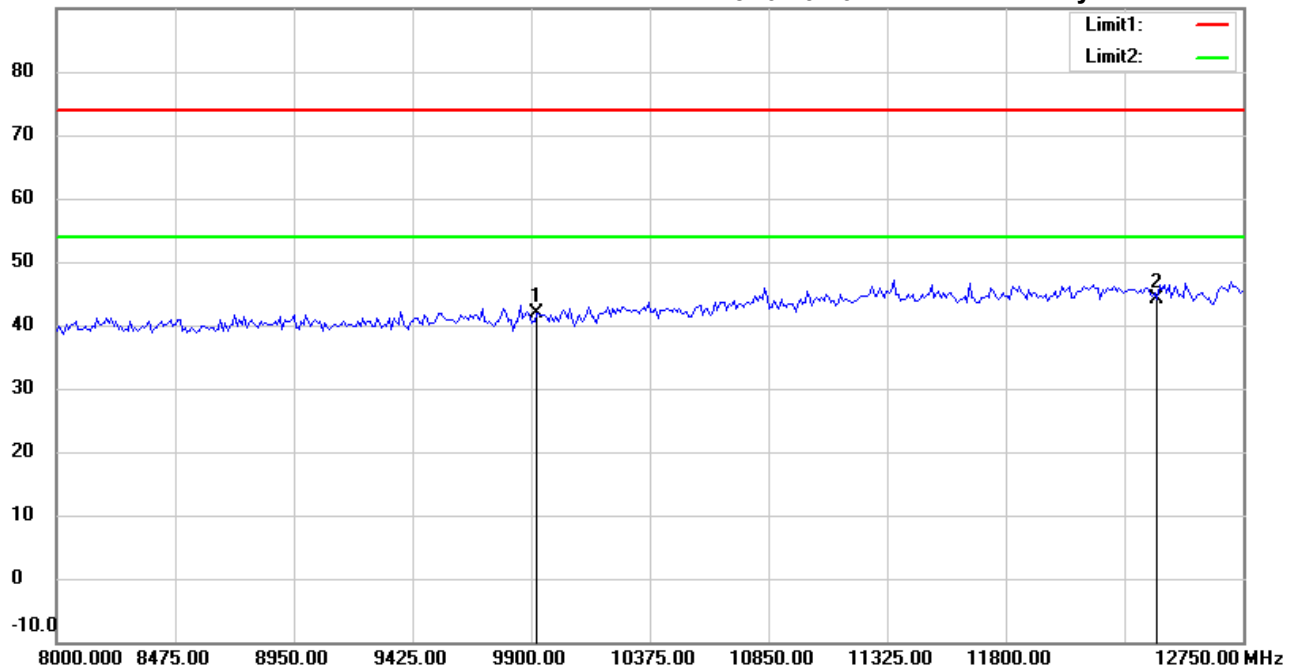
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:23:29 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	34.75	peak	7.16	41.91	74.00	150	190	-32.09	
*	12400.000	31.48	peak	12.75	44.23	74.00	150	240	-29.77	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

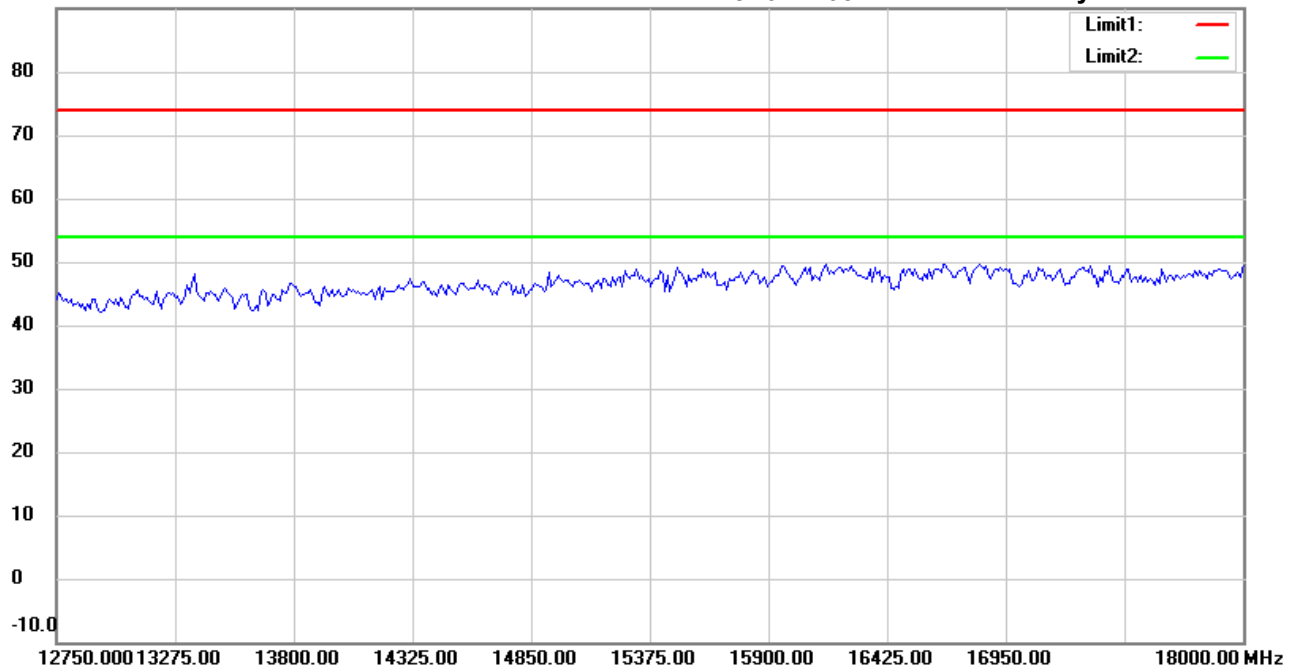
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:21:05 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #9

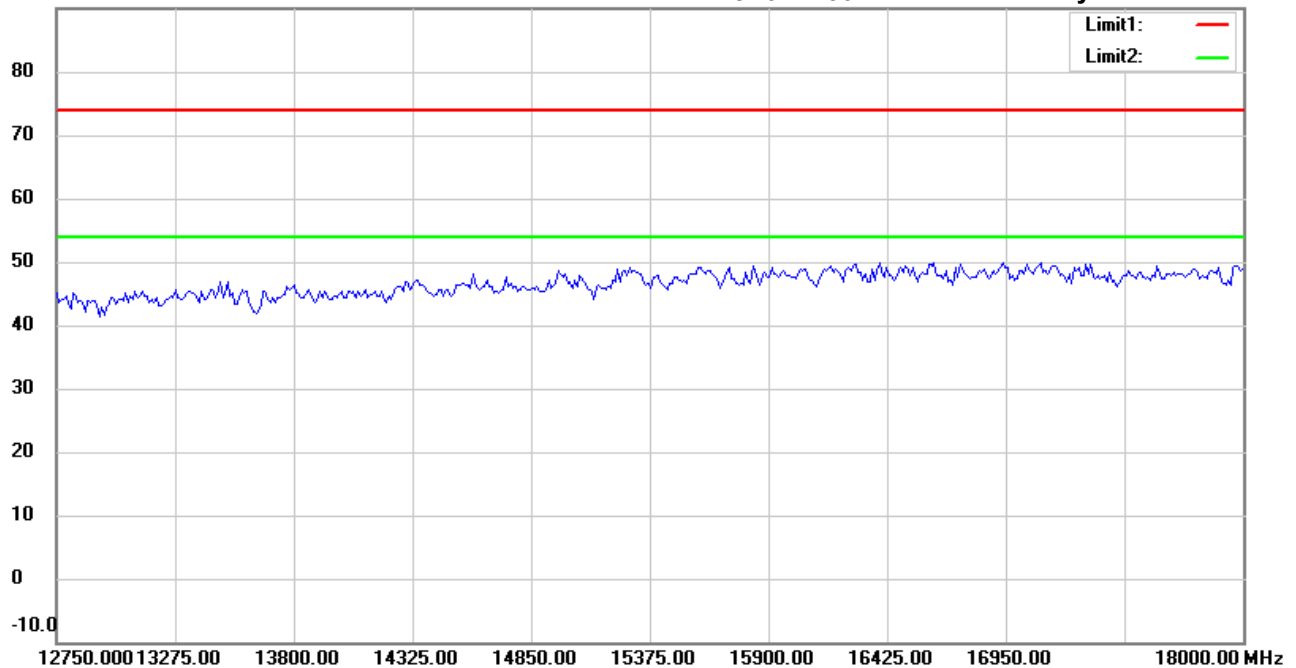
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:24:30 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Leon

File : 3

Data : #5

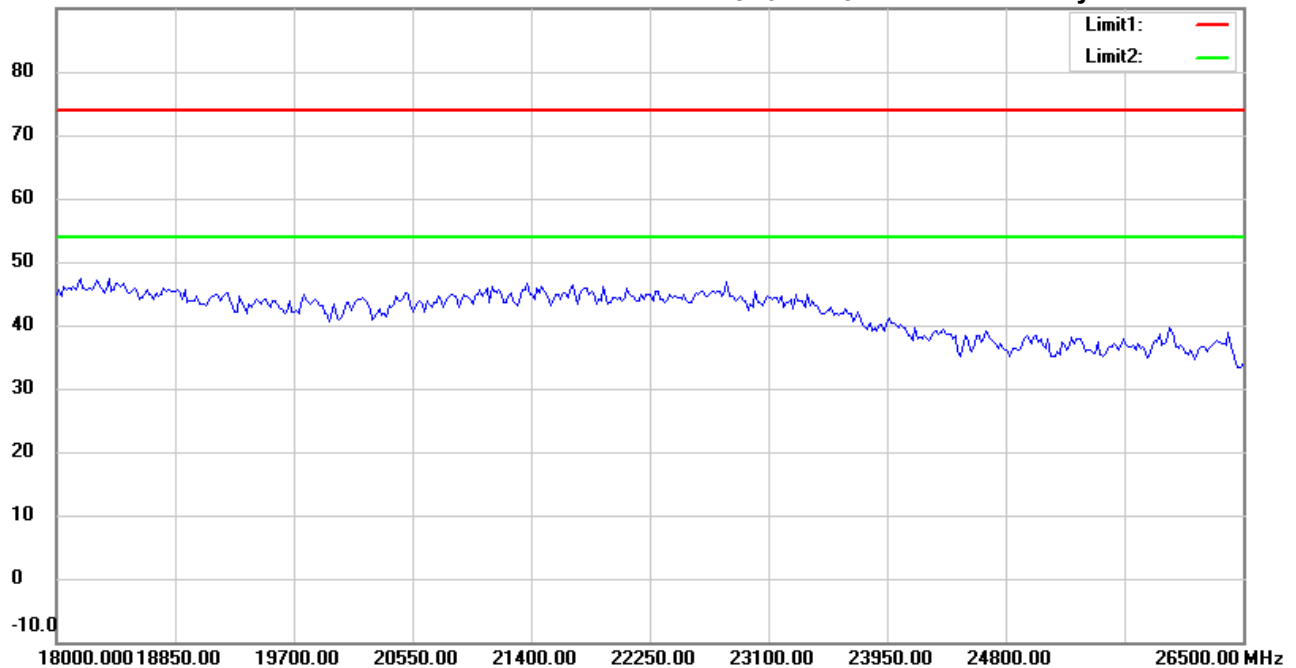
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:21:15 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #10

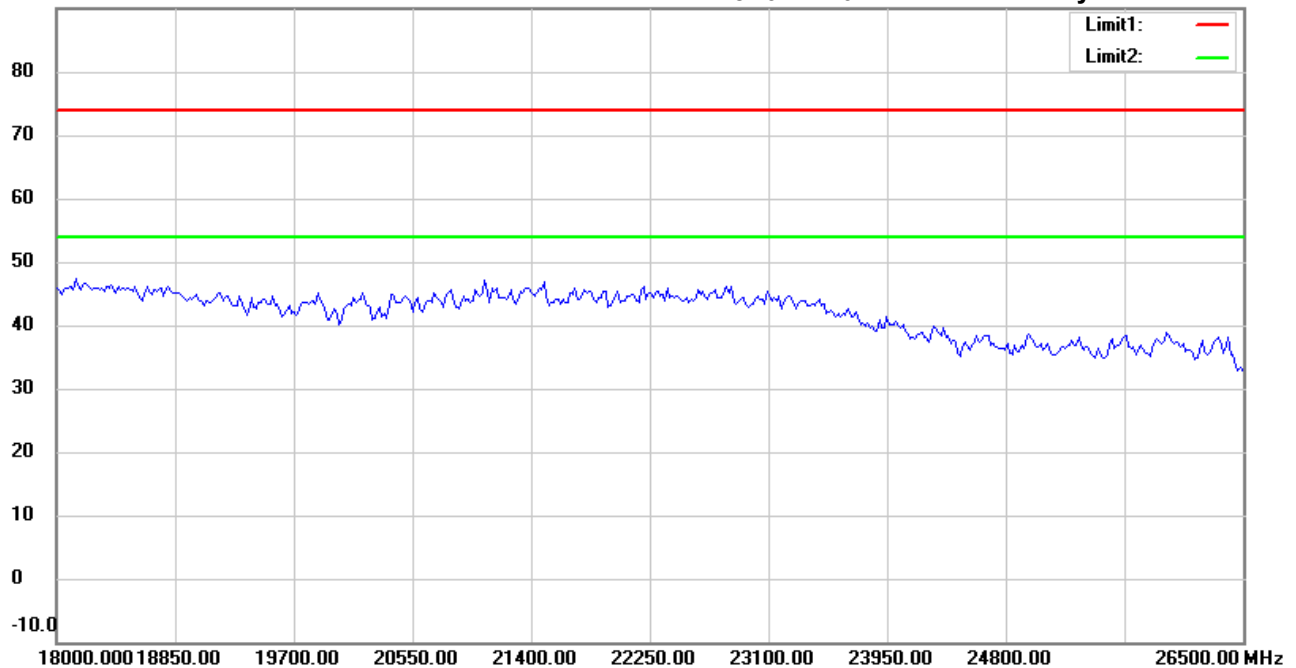
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:24:40 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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



Radiated Emission Measurement

Operator: Allen

File : 1_BLE(2M)_TX

Data : #1

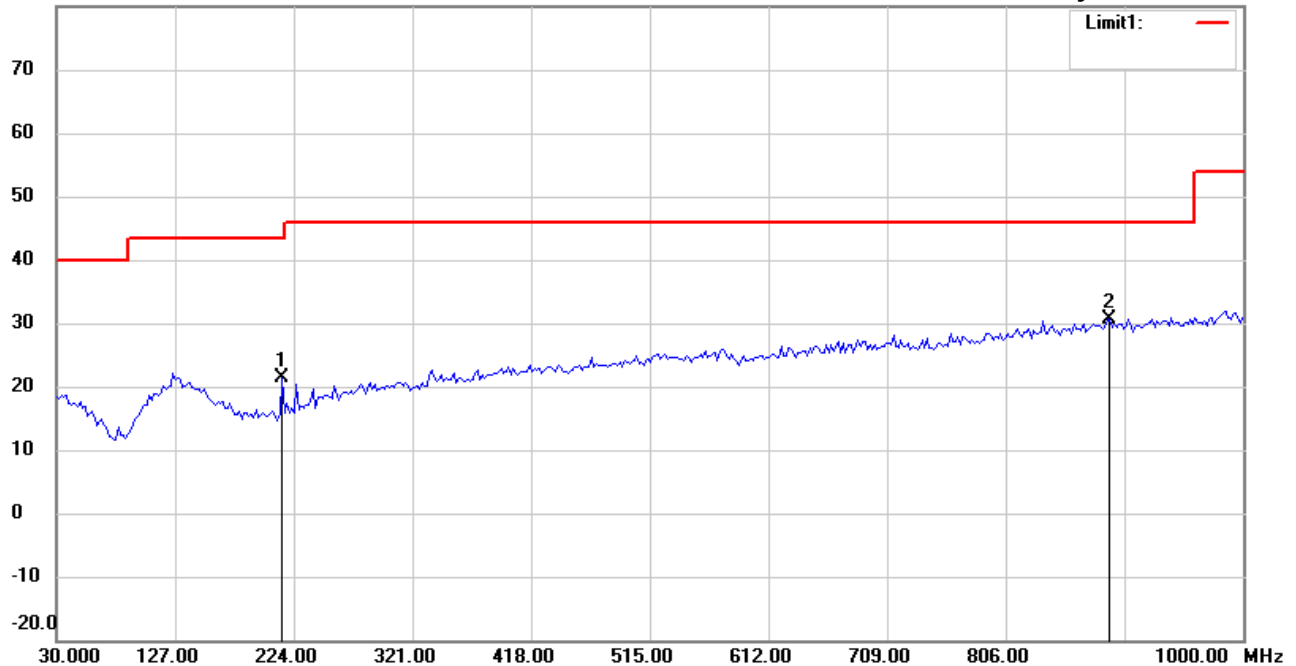
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:21:01 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21911-19475

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
	214.6692	31.82	peak	-10.49	21.33	43.50	100	160	-22.17	
*	891.1422	27.63	peak	3.11	30.74	46.00	100	70	-15.26	



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Radiated Emission Measurement

Operator: Allen

File : 1_BLE(2M)_TX

Data : #2

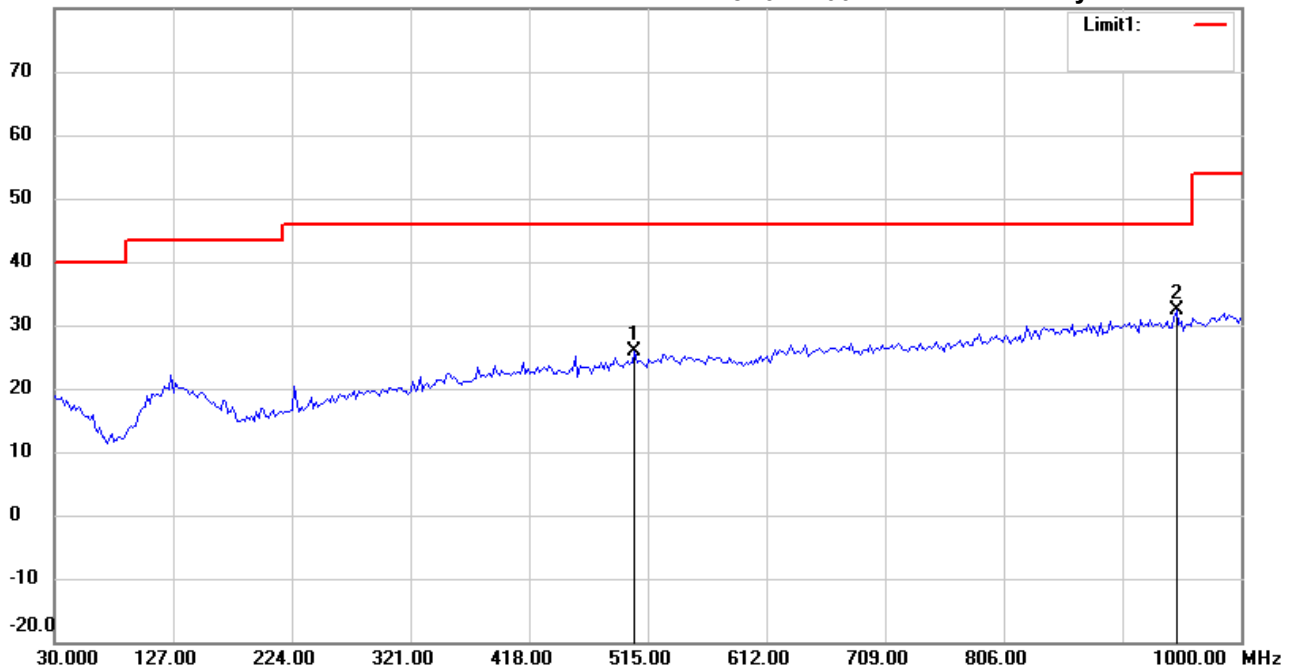
Date: 11/19/2019

Temperature: 18.9 °C

80.0 dBuV/m

Time: 6:22:00 AM

Humidity: 72.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M21911-19475

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
	504.3086	28.73	peak	-2.87	25.86	46.00	100	140	-20.14	
*	947.5150	28.15	peak	4.17	32.32	46.00	100	225	-13.68	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

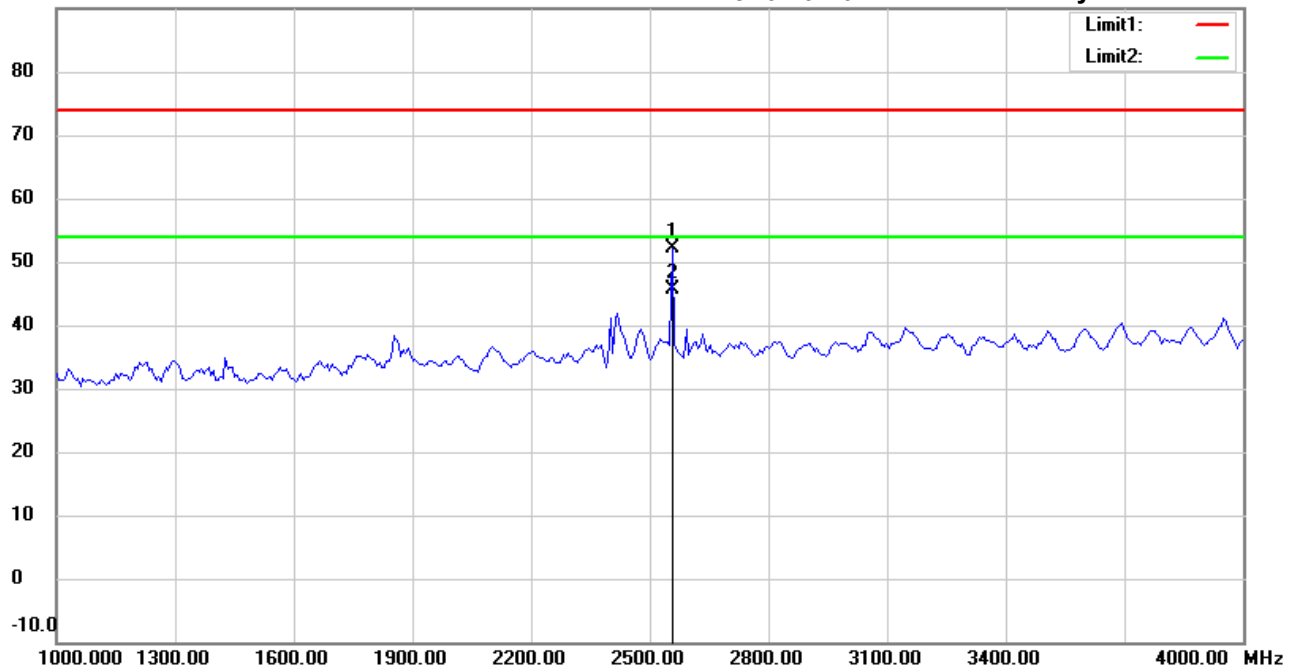
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:49:10 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	57.16	peak	-4.96	52.20	74.00	150	245	-21.80	
*	2557.114	50.69	AVG	-4.96	45.73	54.00	150	245	-8.27	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

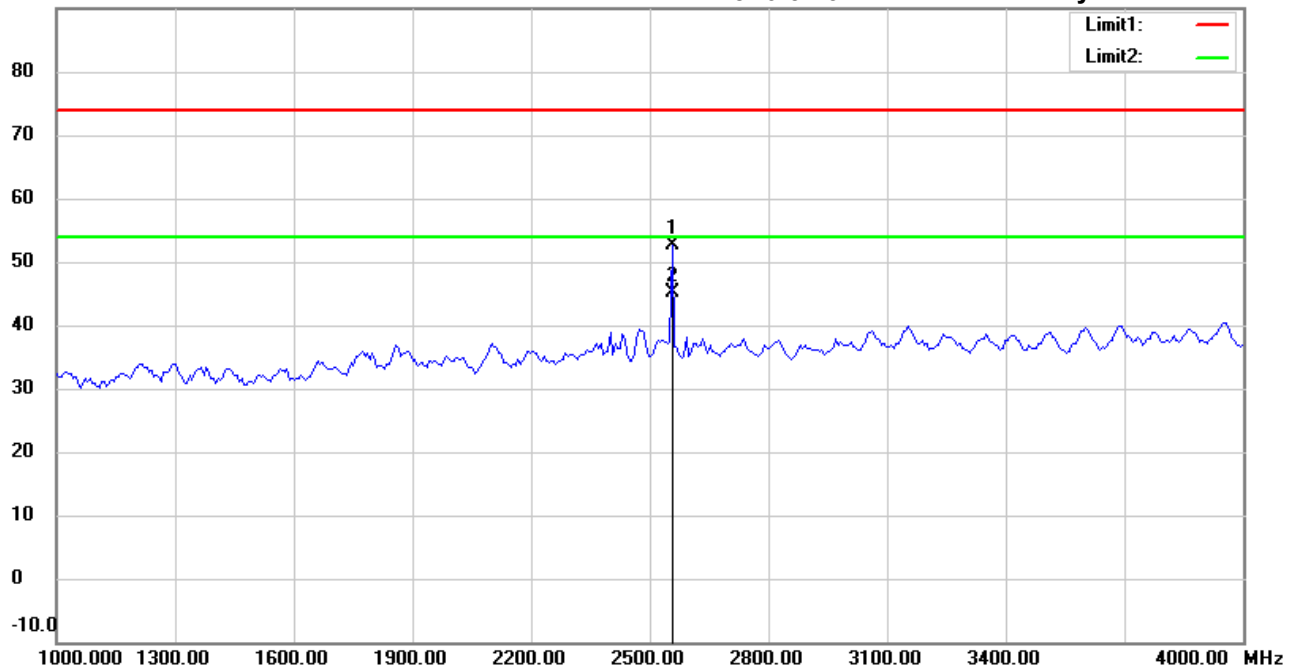
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:52:31 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	57.64	peak	-4.96	52.68	74.00	150	35	-21.32	
*	2557.114	50.20	AVG	-4.96	45.24	54.00	150	35	-8.76	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

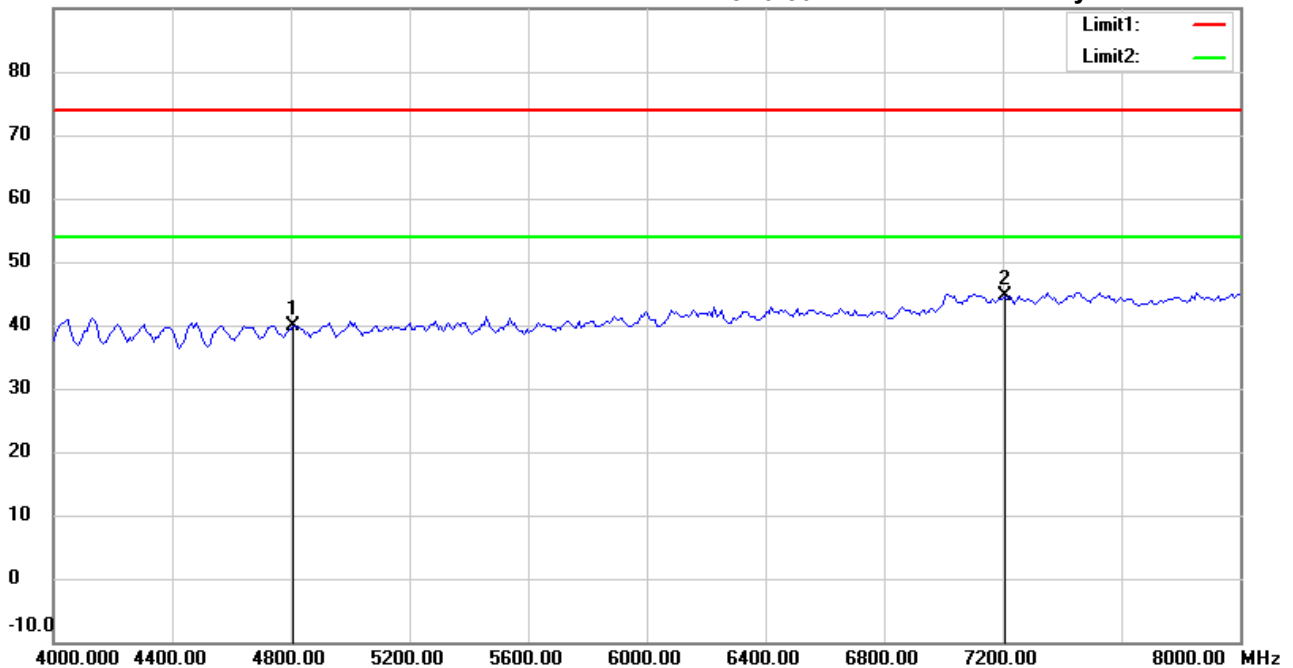
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:50:11 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	41.81	peak	-1.95	39.86	74.00	150	240	-34.14	
*	7206.000	41.49	peak	3.24	44.73	74.00	150	163	-29.27	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

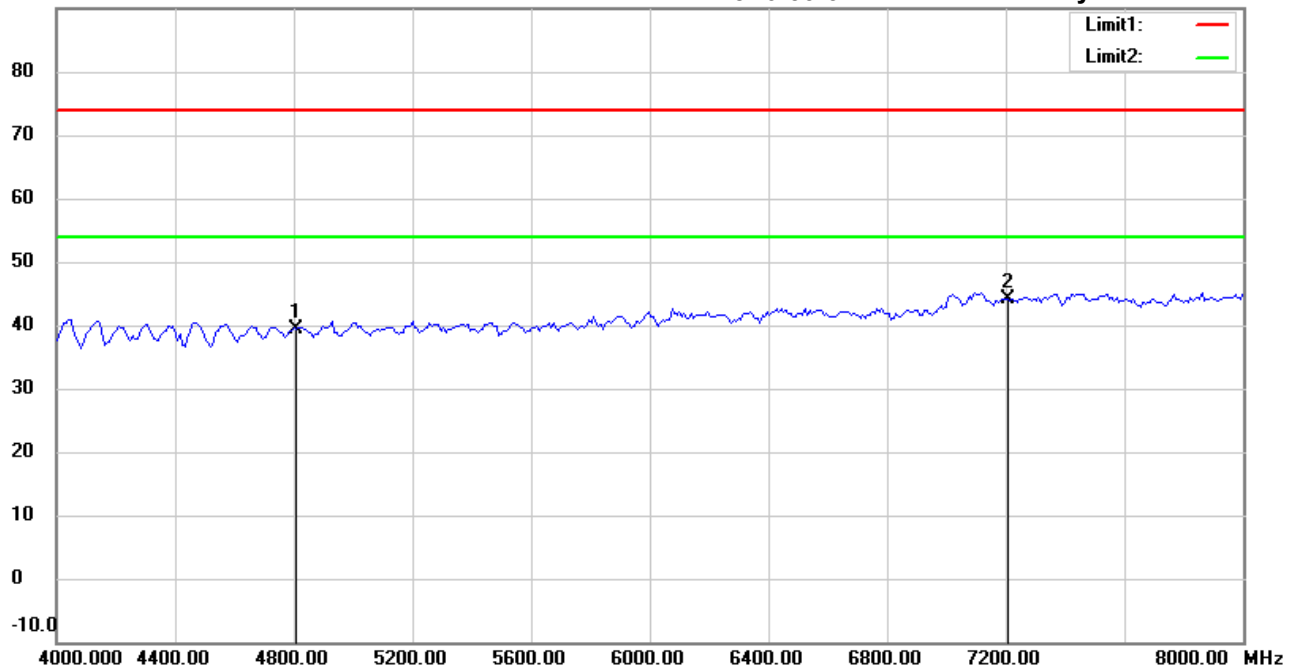
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:53:32 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.000	41.39	peak	-1.95	39.44	74.00	150	273	-34.56	
*	7206.000	40.92	peak	3.24	44.16	74.00	150	160	-29.84	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

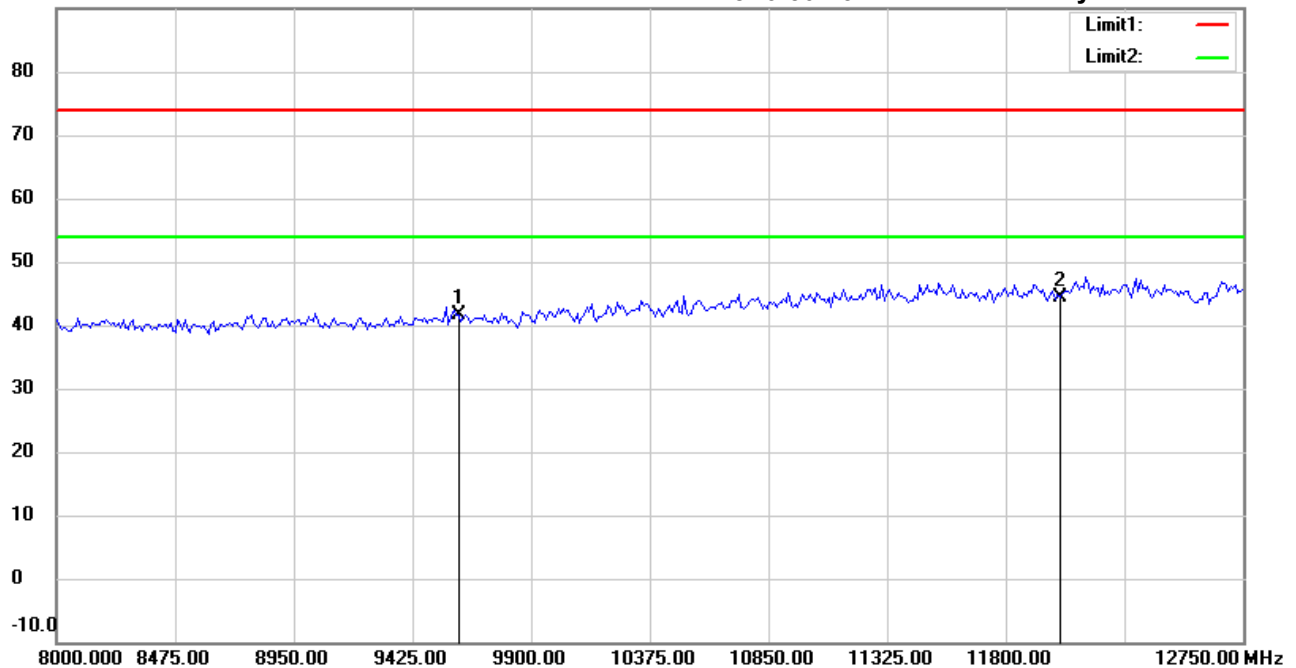
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:50:23 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	9608.000	35.03	peak	6.53	41.56	74.00	150	235	-32.44	
*	12010.000	32.87	peak	11.62	44.49	74.00	150	160	-29.51	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

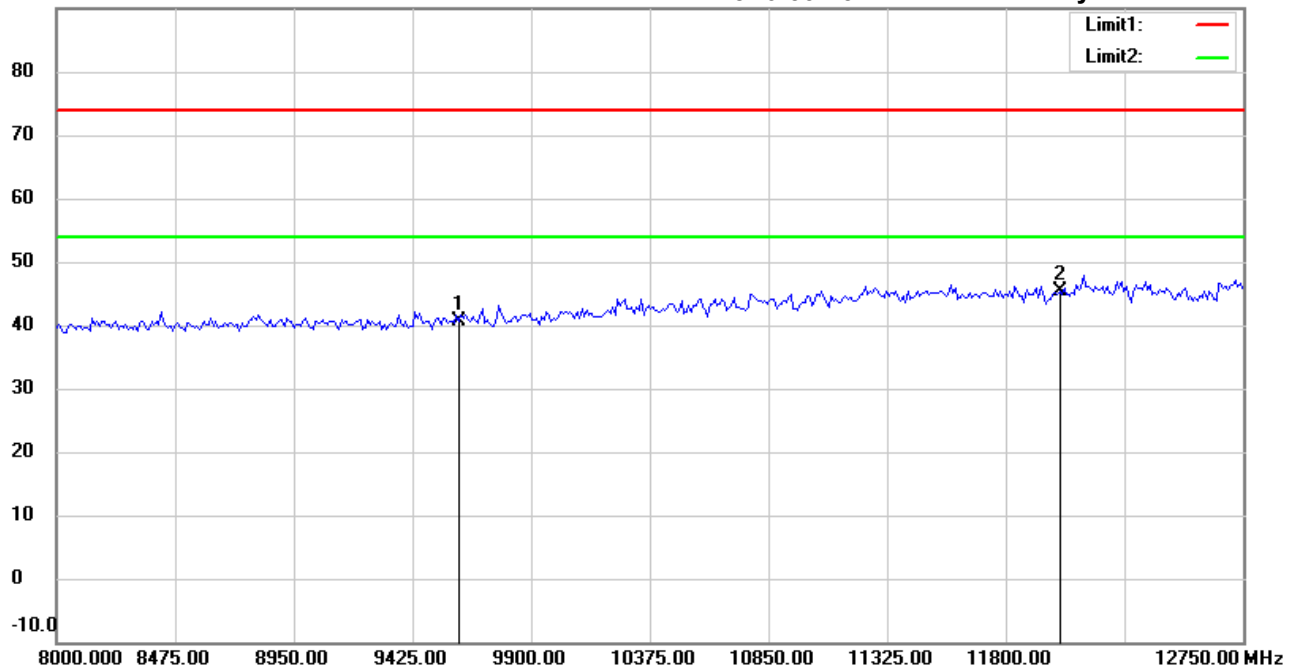
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:53:45 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.000	33.99	peak	6.53	40.52	74.00	150	220	-33.48	
*	12010.000	33.73	peak	11.62	45.35	74.00	150	196	-28.65	

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



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

Operator: Leon

File : 3

Data : #4

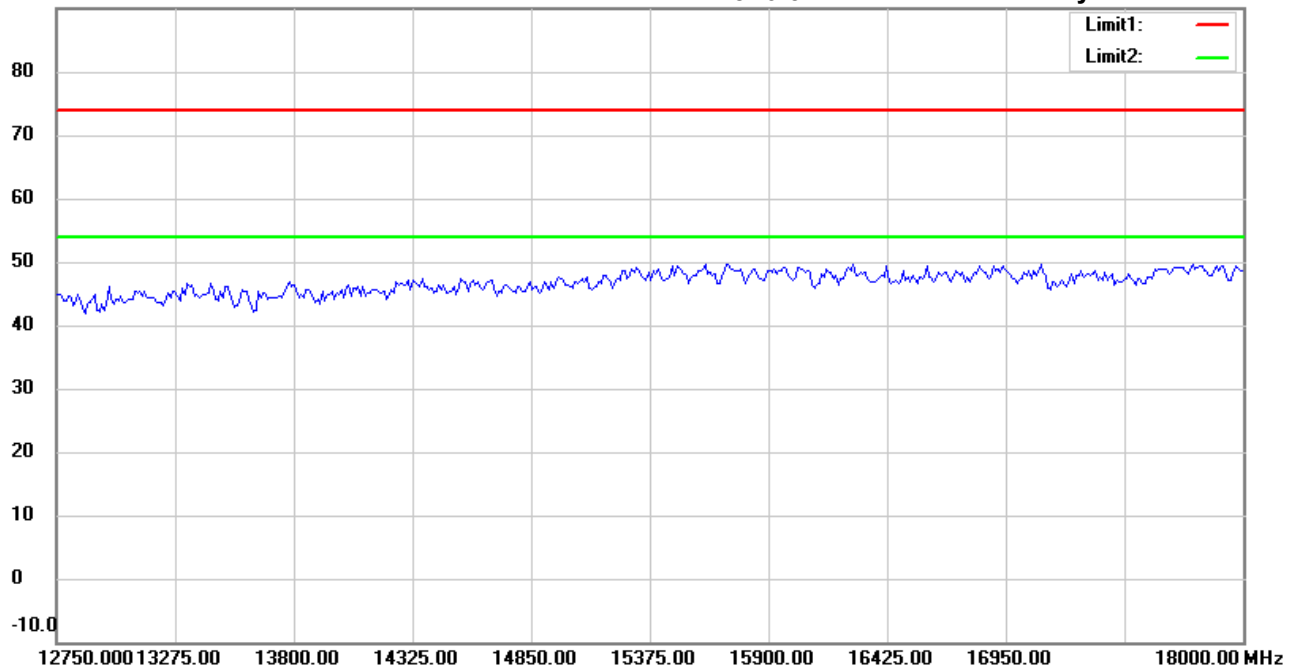
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:51:21 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Leon

File :3

Data :#9

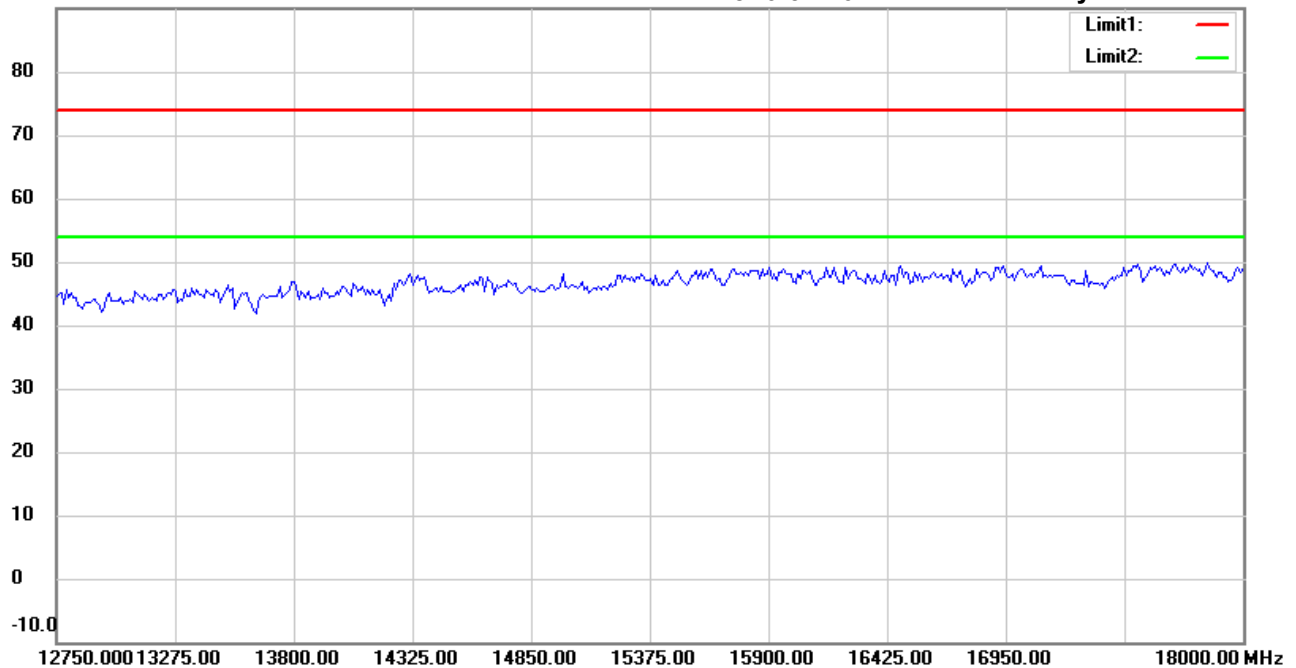
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:54:46 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File :3

Data :#5

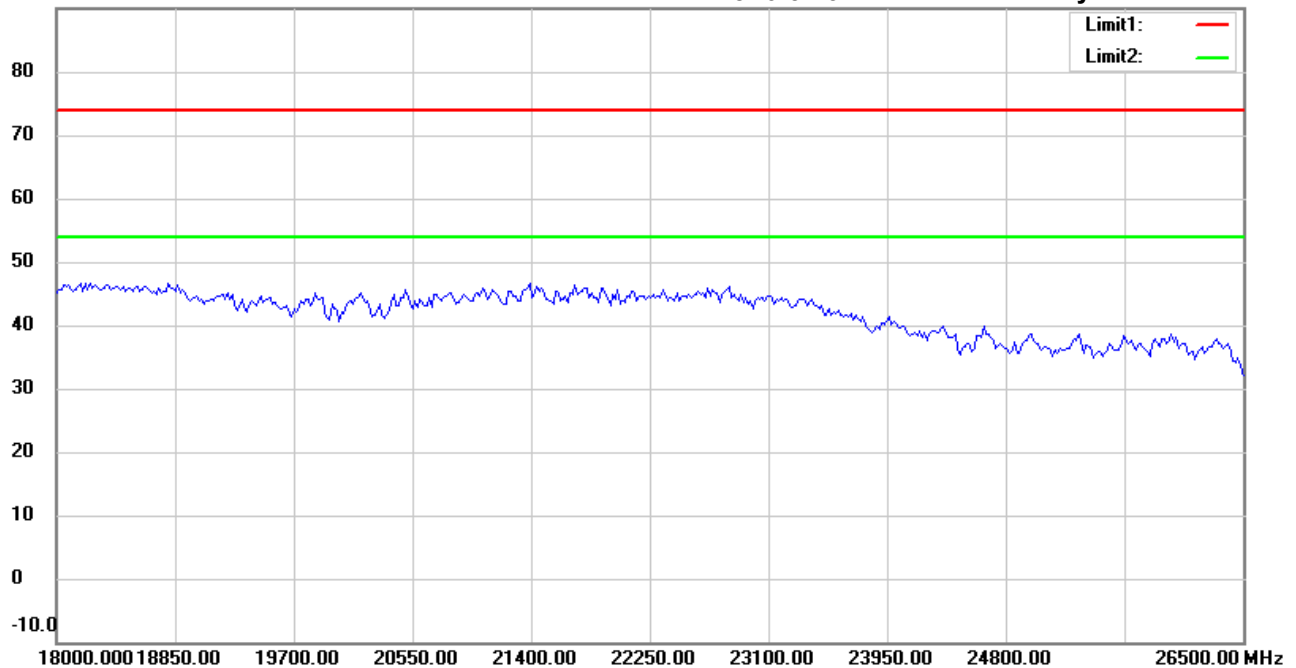
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:51:31 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



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

Operator: Leon

File : 3

Data : #10

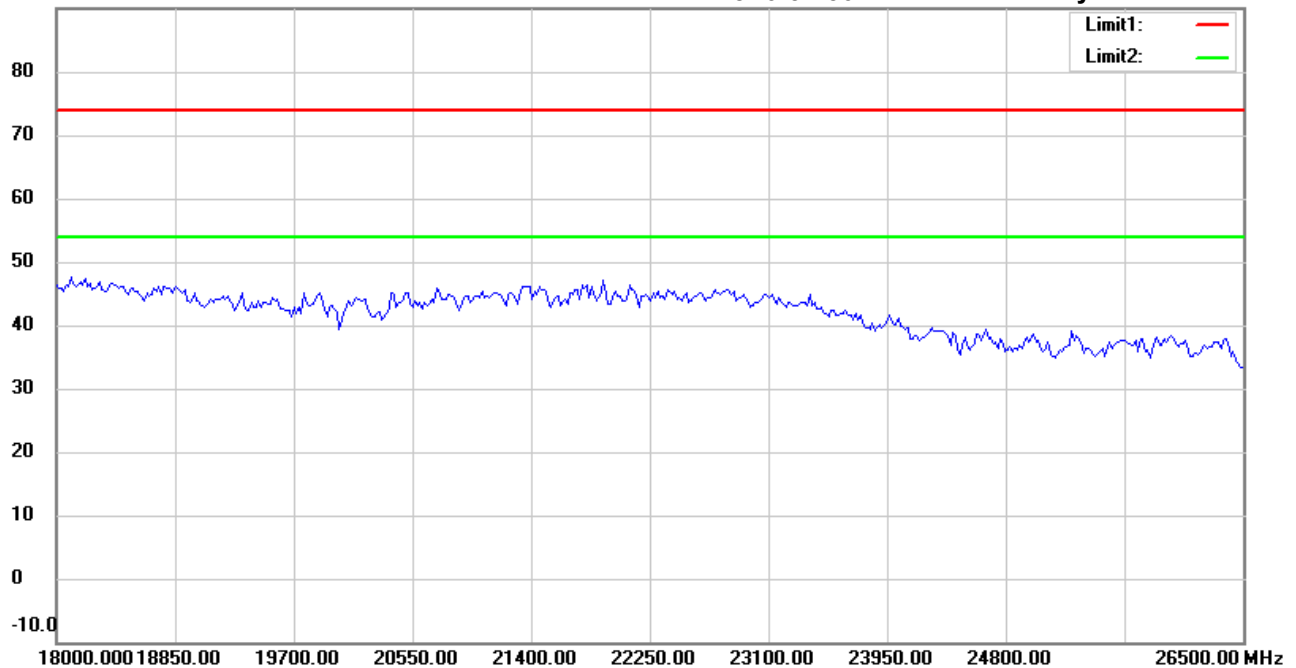
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 6:54:56 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File :3

Data :#1

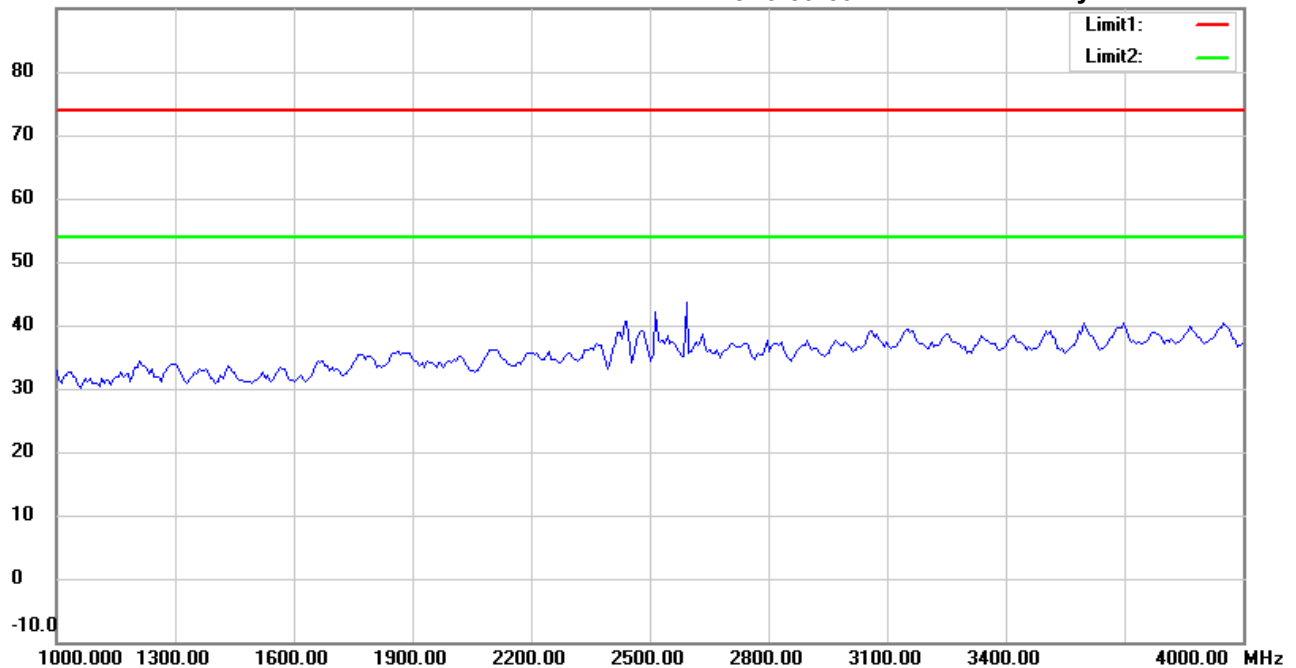
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 6:59:59 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #6

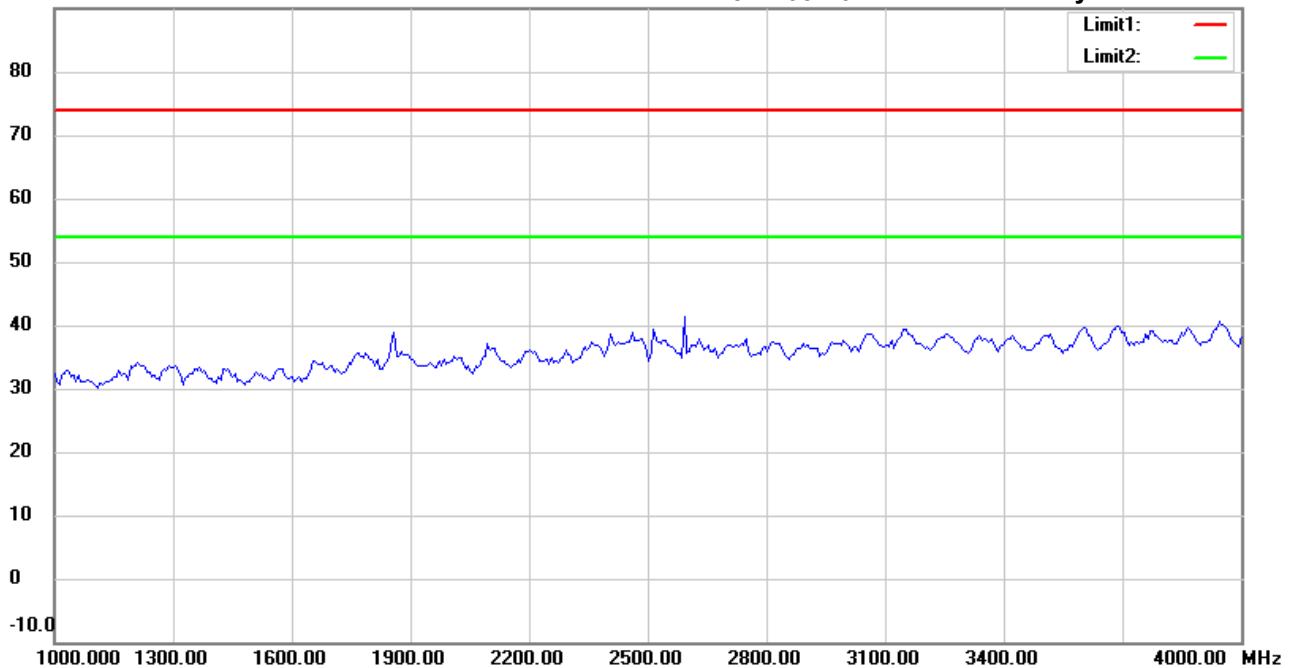
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:03:20 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

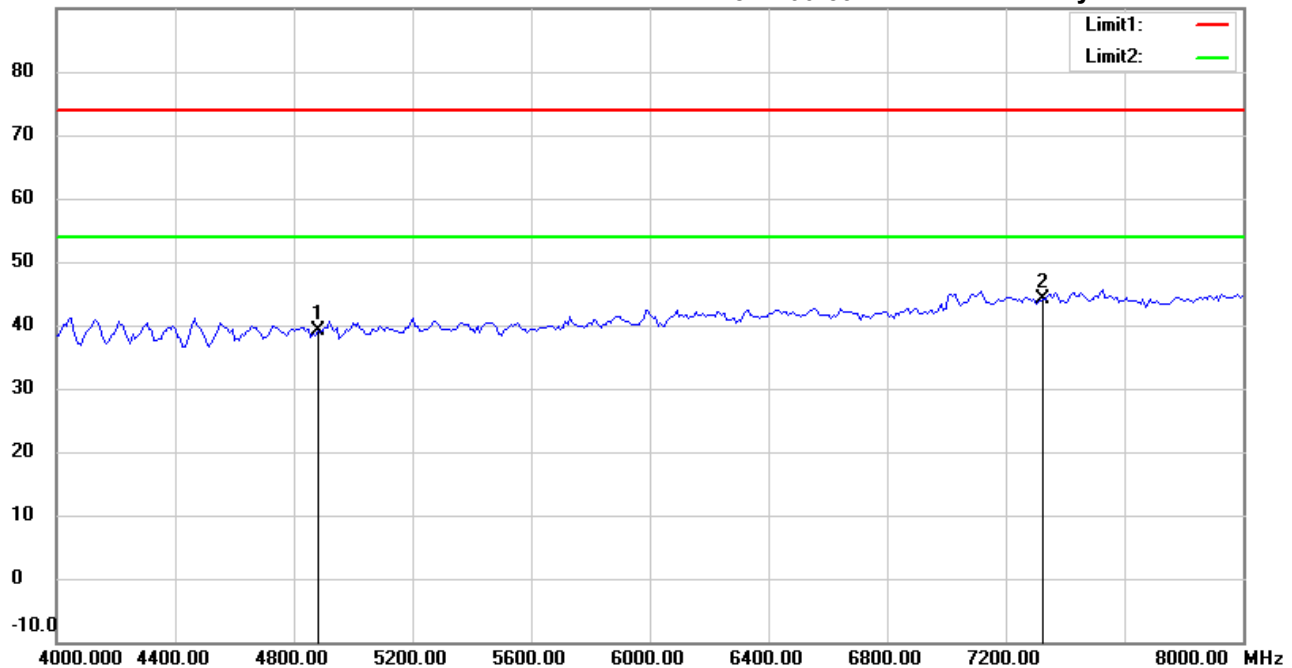
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:00:59 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.83	peak	-1.68	39.15	74.00	150	269	-34.85	
*	7320.000	40.66	peak	3.45	44.11	74.00	150	210	-29.89	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

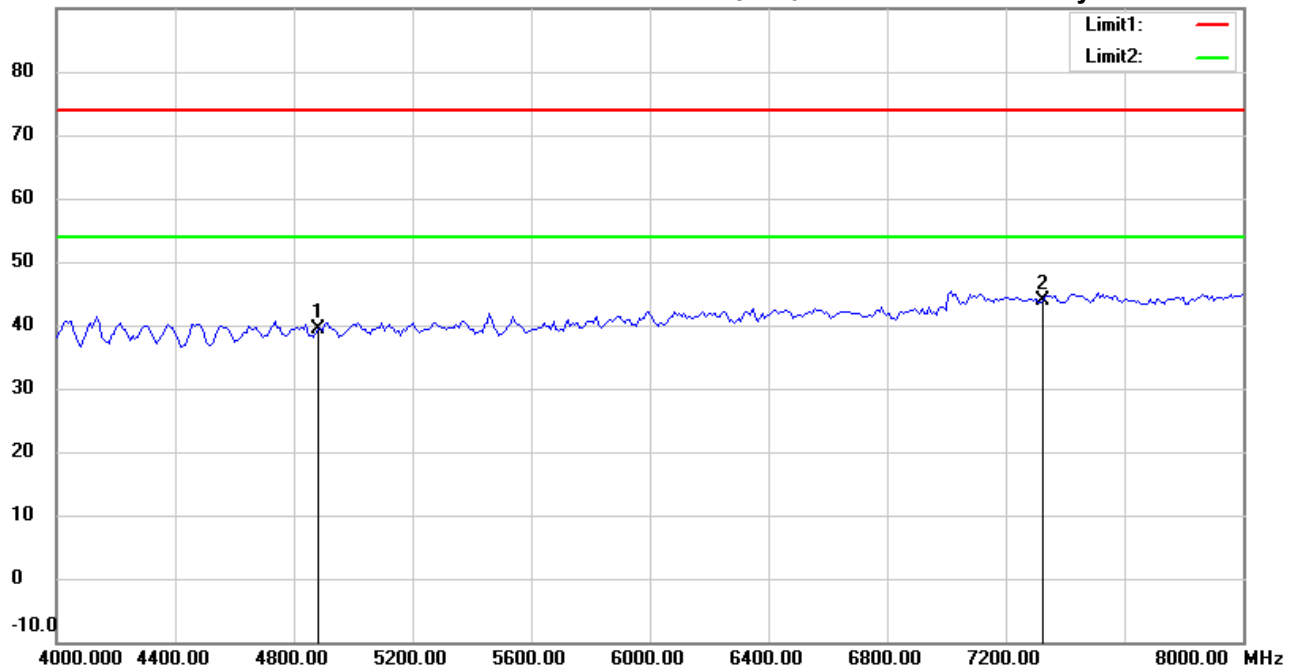
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:04:21 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	40.98	peak	-1.68	39.30	74.00	150	54	-34.70	
*	7320.000	40.52	peak	3.45	43.97	74.00	150	170	-30.03	

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



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

Operator: Leon

File : 3

Data : #3

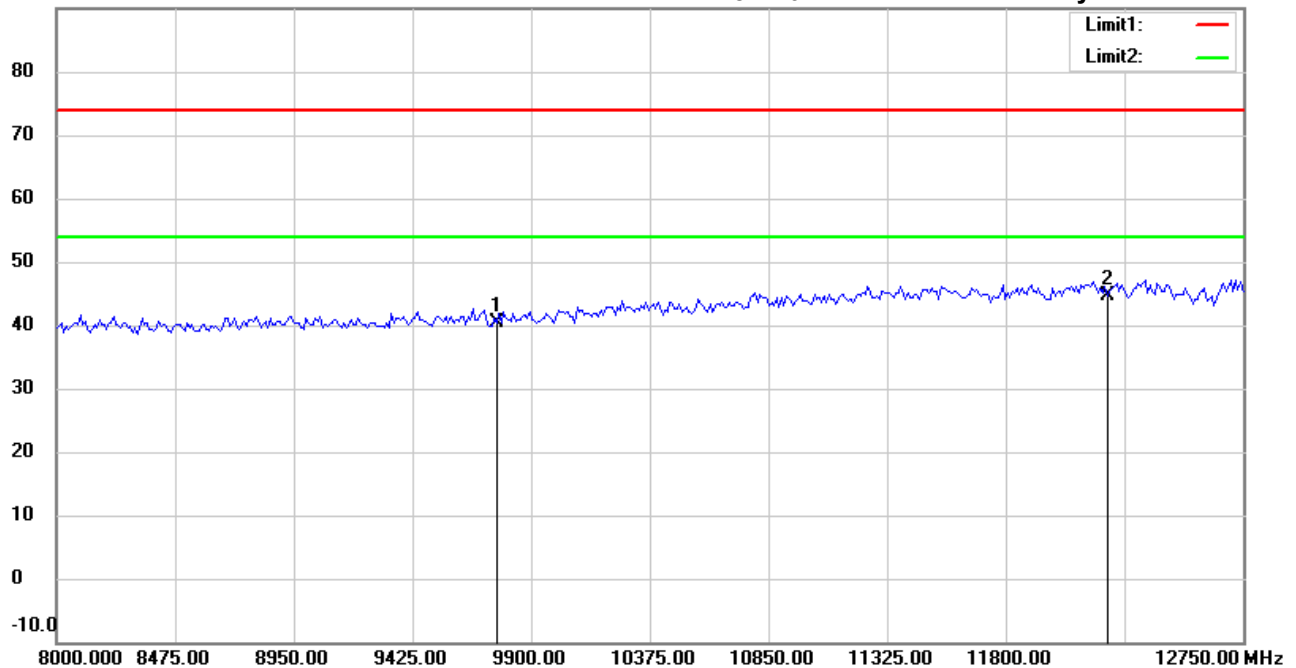
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:01:12 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	33.60	peak	6.76	40.36	74.00	150	245	-33.64	
*	12200.000	31.84	peak	12.85	44.69	74.00	150	170	-29.31	

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



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

Operator: Leon

File :3

Data :#8

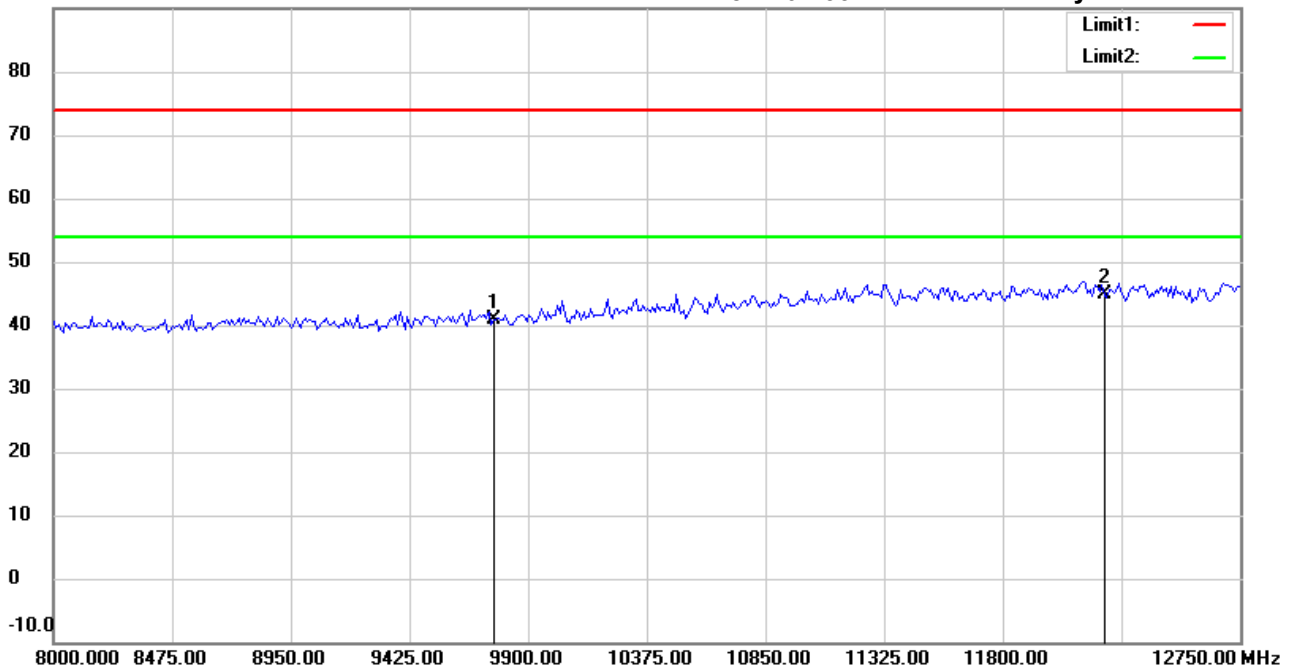
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:04:33 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	34.24	peak	6.76	41.00	74.00	150	175	-33.00	
*	12200.000	32.07	peak	12.85	44.92	74.00	150	90	-29.08	

*: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: Leon

File : 3

Data : #4

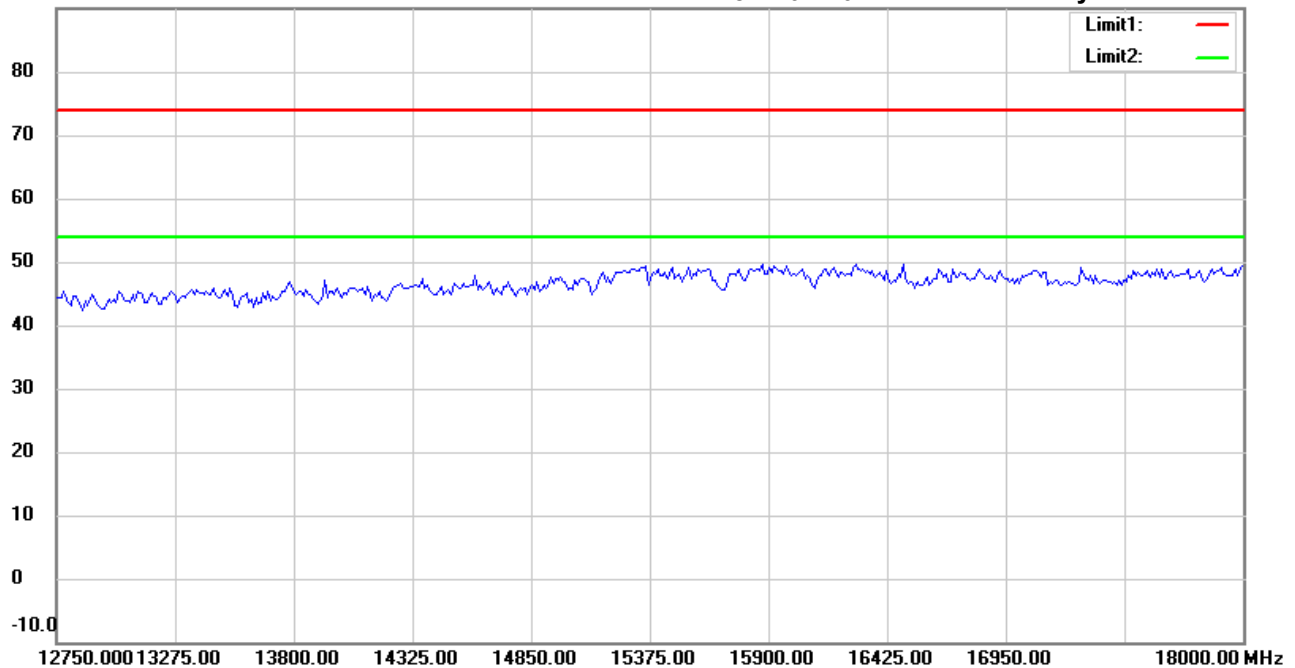
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:02:10 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

Operator: Leon

File : 3

Data : #9

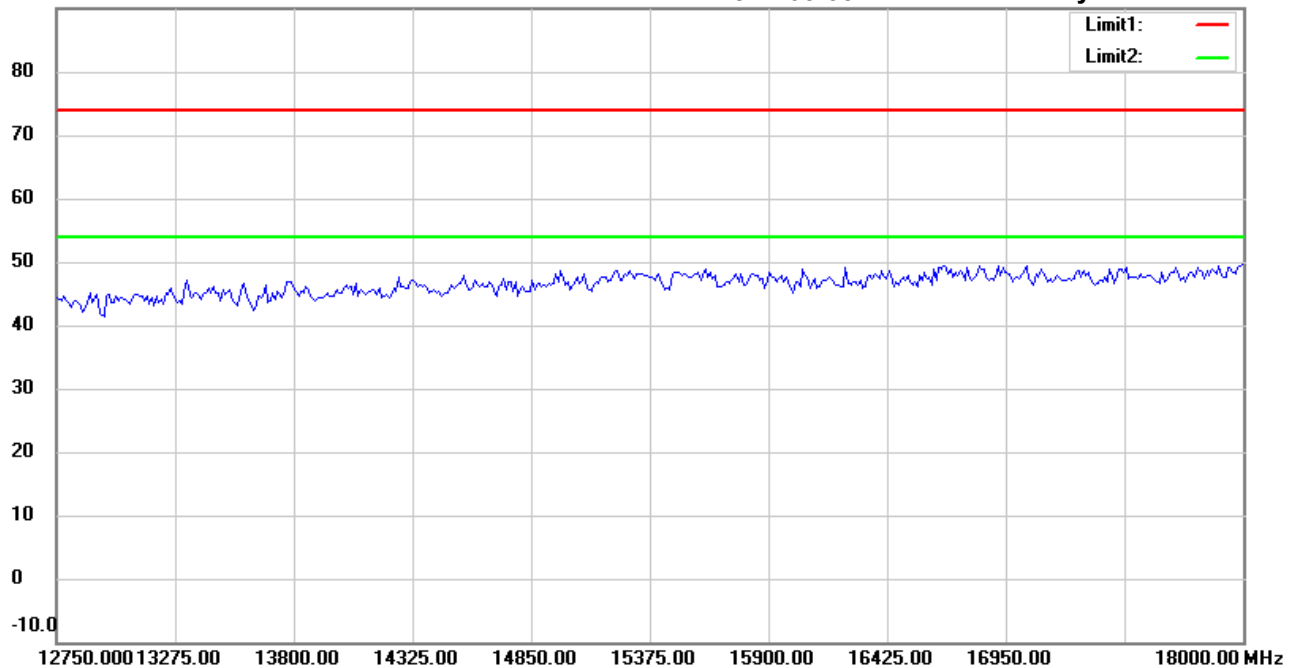
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:05:35 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #5

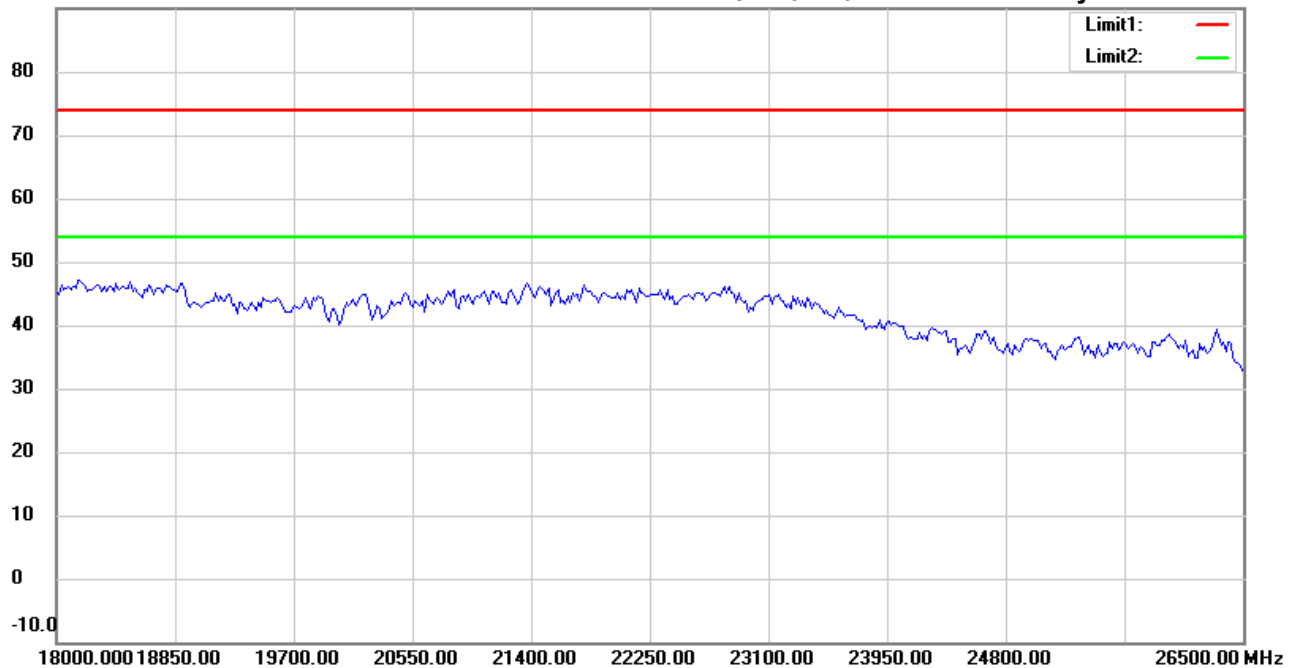
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:02:20 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #10

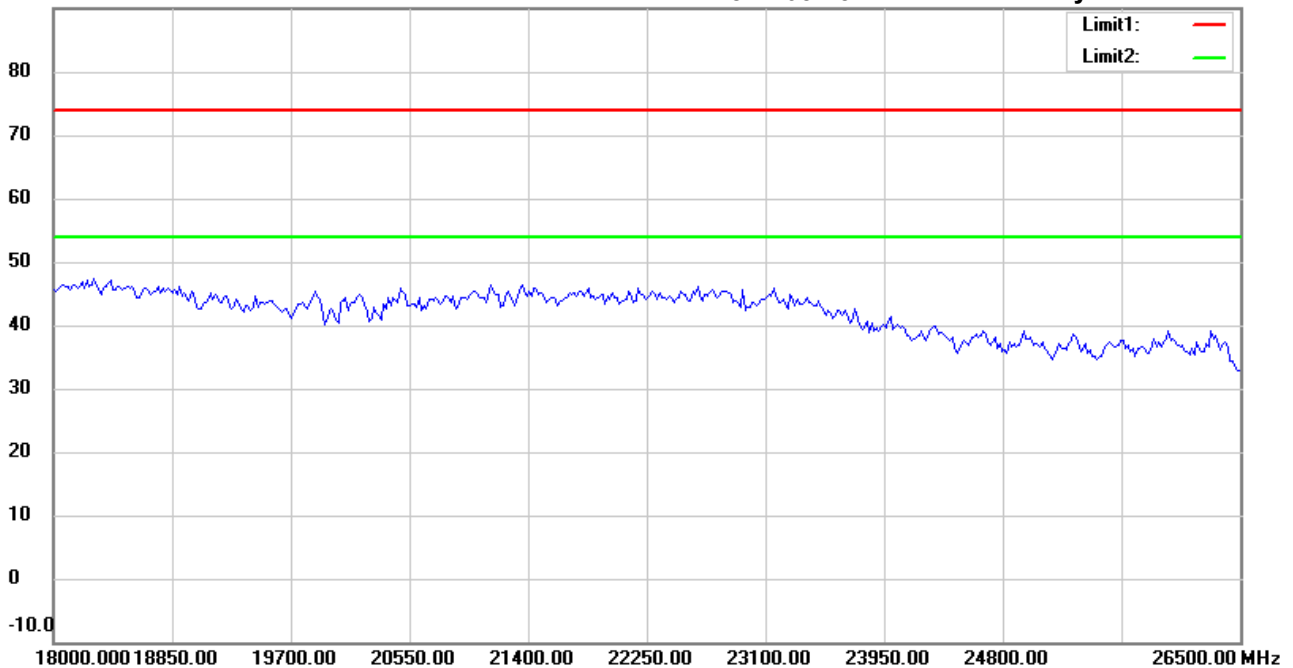
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:05:45 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #1

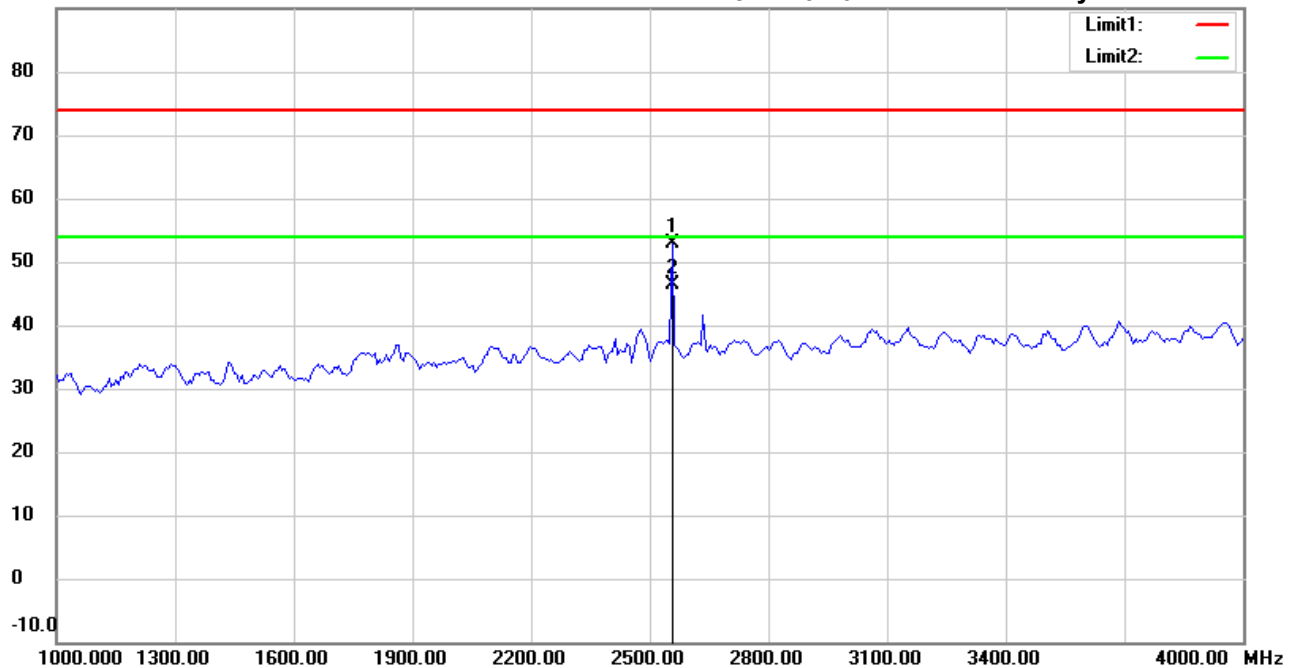
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:13:19 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	57.84	peak	-4.96	52.88	74.00	150	37	-21.12	
*	2557.114	51.26	AVG	-4.96	46.30	54.00	150	37	-7.70	

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



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

Radiated Emission Measurement

Operator: Leon

File : 3

Data : #6

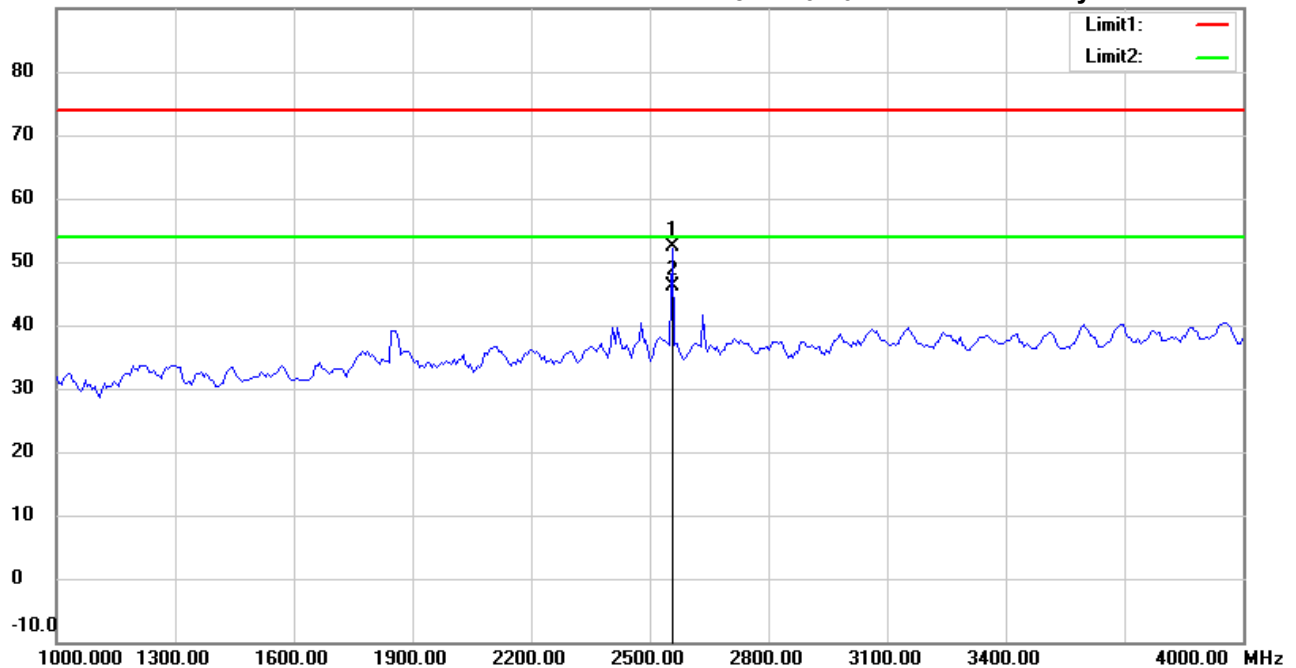
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:16:40 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	2557.114	57.36	peak	-4.96	52.40	74.00	150	96	-21.60	
*	2557.114	51.13	AVG	-4.96	46.17	54.00	150	96	-7.83	

*: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: Leon

File :3

Data :#2

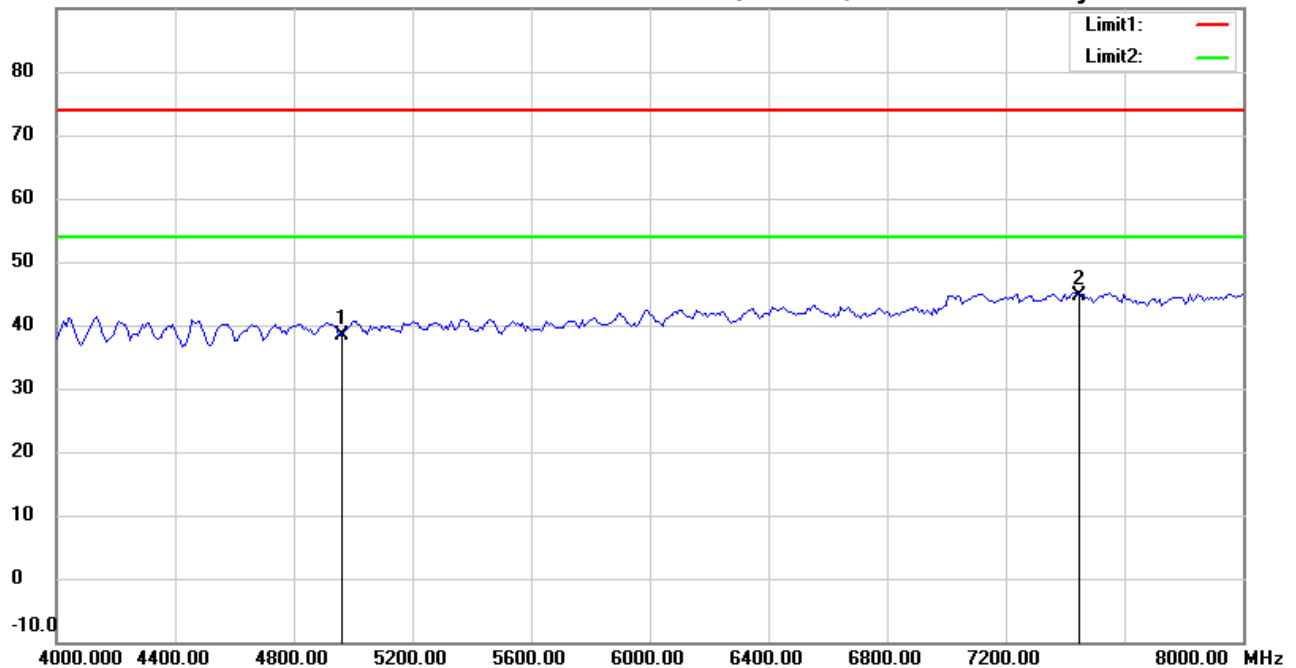
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:14:19 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	39.82	peak	-1.35	38.47	74.00	150	175	-35.53	
*	7440.000	40.96	peak	3.72	44.68	74.00	150	240	-29.32	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #7

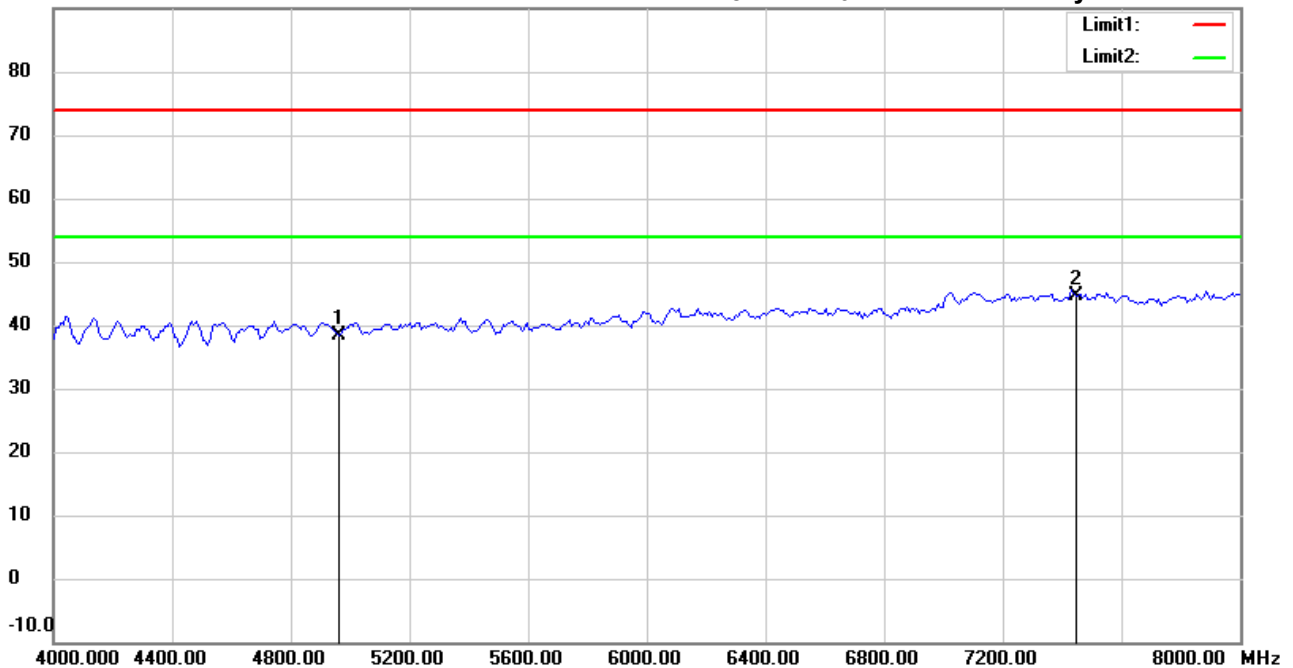
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:17:40 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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
	4960.000	39.62	peak	-1.35	38.27	74.00	150	127	-35.73	
*	7440.000	40.95	peak	3.72	44.67	74.00	150	50	-29.33	

*: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: Leon

File :3

Data :#3

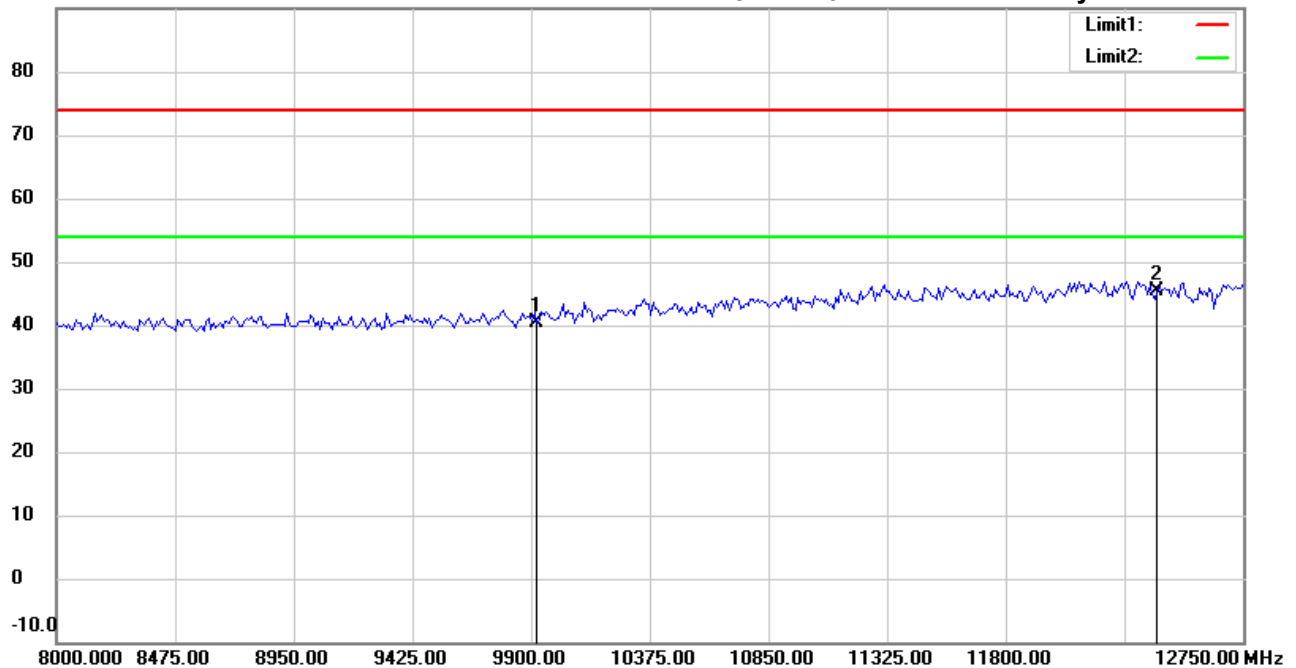
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:14:32 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.000	33.18	peak	7.16	40.34	74.00	150	24	-33.66	
*	12400.000	32.68	peak	12.75	45.43	74.00	150	113	-28.57	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

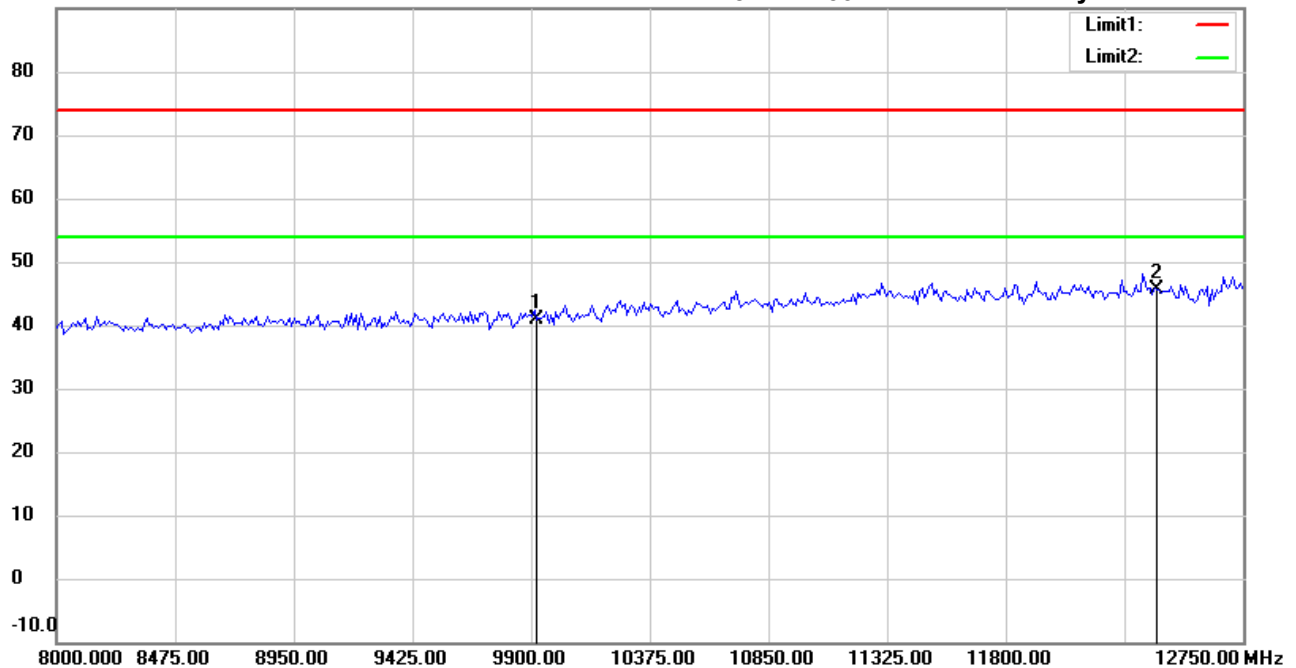
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 7:17:53 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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	33.79	peak	7.16	40.95	74.00	150	263	-33.05	
*	12400.000	32.77	peak	12.75	45.52	74.00	150	140	-28.48	

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



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Radiated Emission Measurement

Operator: Leon

File : 3

Data : #4

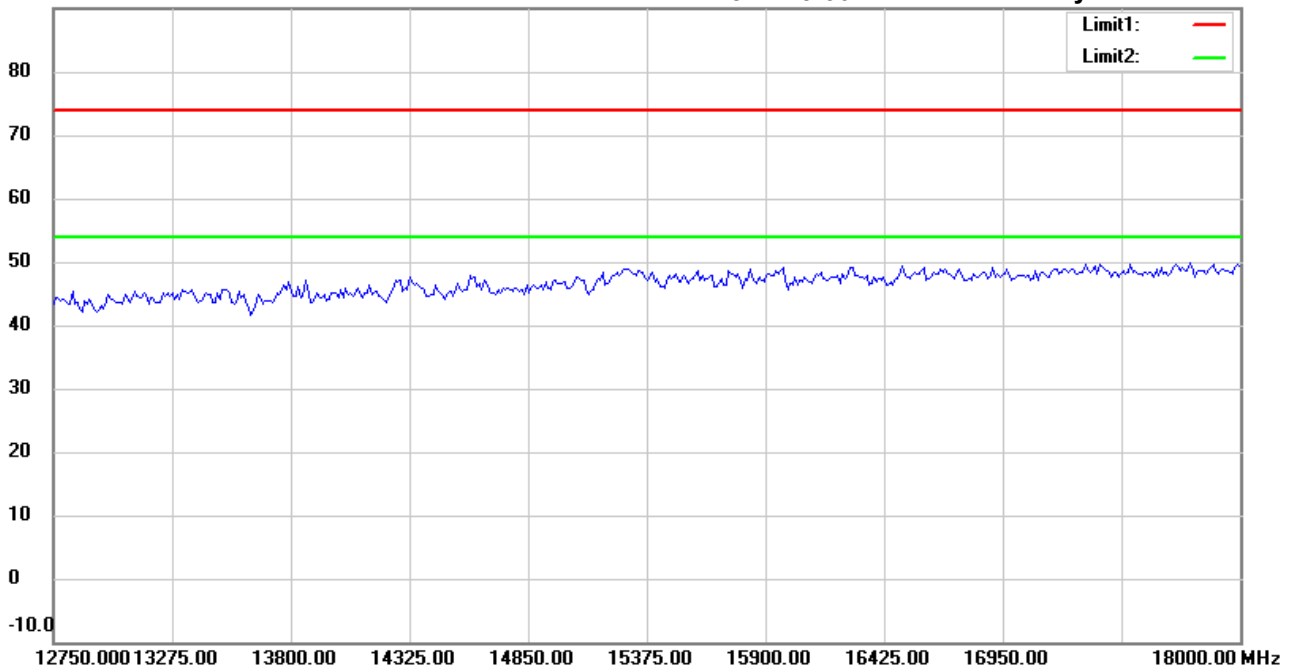
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:15:30 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File :3

Data :#9

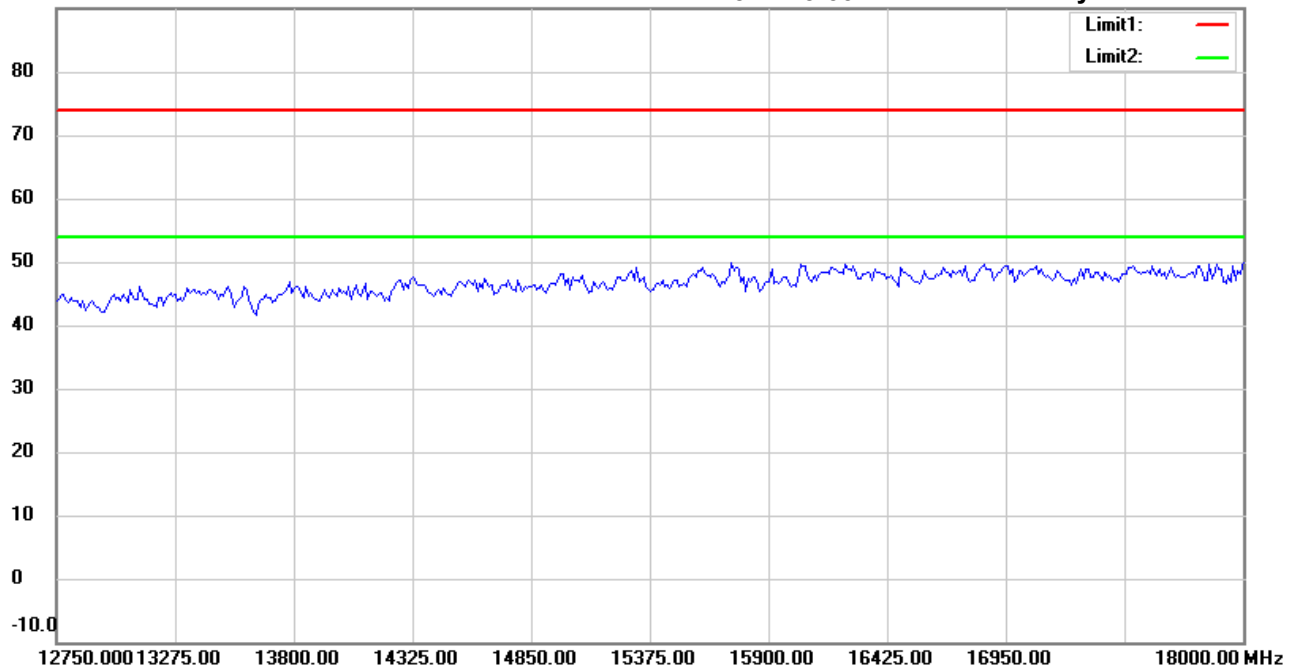
Date: 11/17/2019

Temperature:19.5 °C

90.0 dBuV/m

Time: 7:18:55 AM

Humidity:65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #5

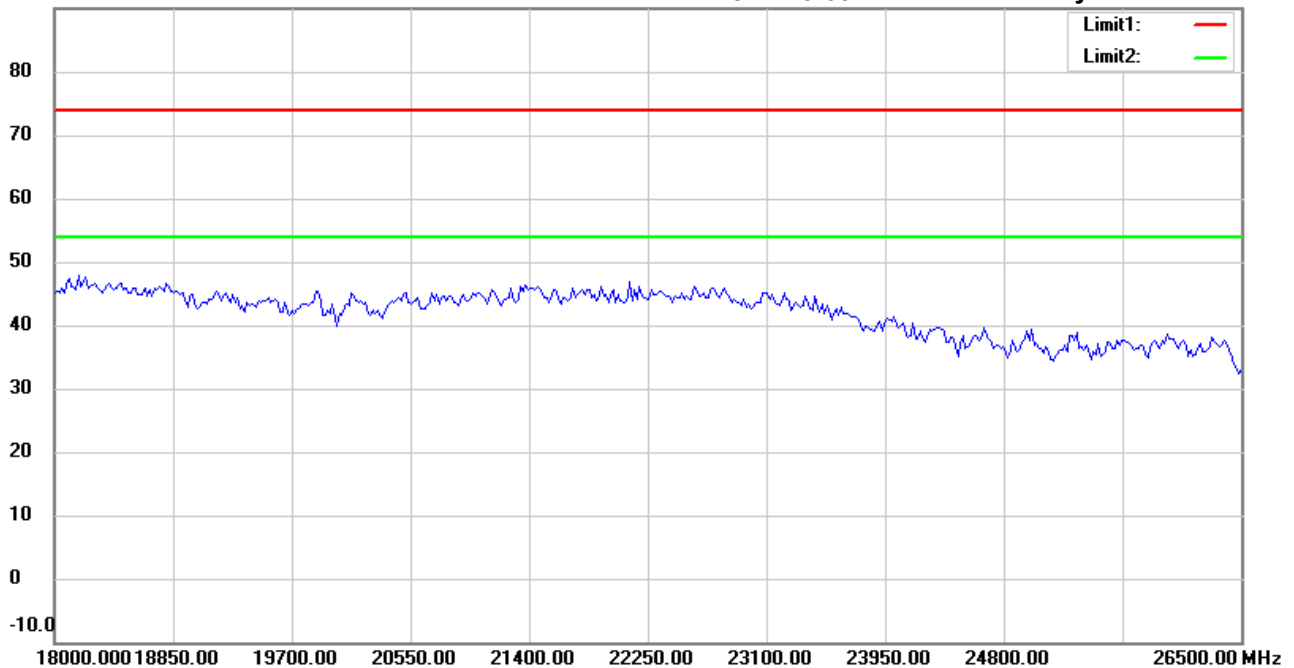
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:15:39 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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: Leon

File : 3

Data : #10

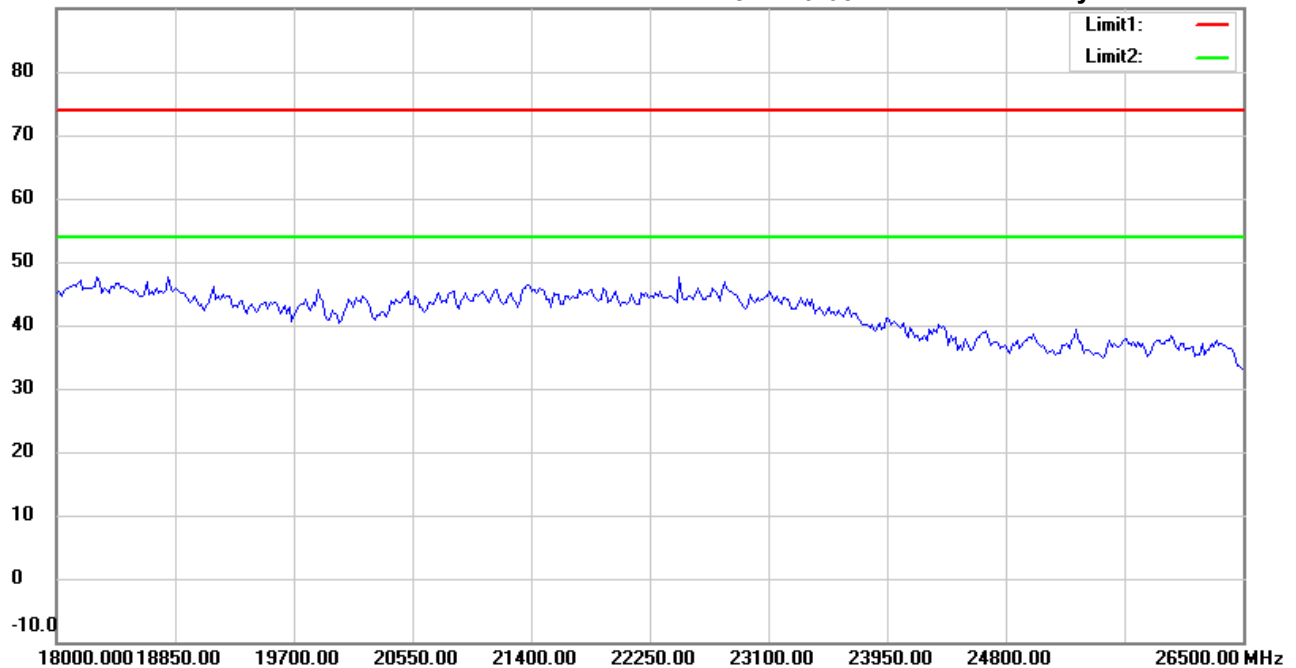
Date: 11/17/2019

Temperature: 19.5 °C

90.0 dBuV/m

Time: 7:19:05 AM

Humidity: 65.3 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M21911-19475

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