

47 CFR PART 15 SUBPART C TEST REPORT

for

Gateway

Model No.: VP560 S2

FCC ID: 2ALIW-VP560S2

of

Applicant: Vypin, LLC

Address: 4080 McGinnis Ferry Rd. Suite 1205 Alpharetta Georgia
United States 30005

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: TW1477, TW1072

Industry Canada filed test laboratory Reg. No. 20037



Report No.: W6M22108-21141-C-1

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

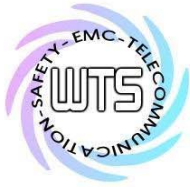
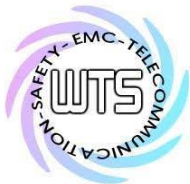


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Worldwide Testing Services(Taiwan) Co., Ltd.

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1 General Information

1.1 Notes

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

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

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

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

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

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

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

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

Specific Conditions:

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

Tester:

January 14, 2022

Rick Chen

Rick Chen

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

January 14, 2022

Kevin Wang

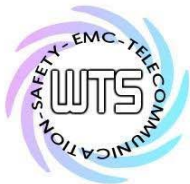
Kevin Wang

Date

WTS

Name

Signature



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1.2 Testing laboratory

1.2.1 Location

OATS

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

Wanli Dist., New Taipei City 207,

Taiwan (R.O.C.)

3 meter semi-anechoic chamber

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

TEL:886-2-6613-0228

FAX:886-2-2791-5046

Company

Worldwide Testing Services(Taiwan) Co., Ltd.

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

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

Tel : 886-2-66068877

Fax : 886-2-66068879

1.2.2 Details of accreditation status

Accredited testing laboratory

FCC filed test laboratory Reg. No. TW1477, 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: Vypin, LLC

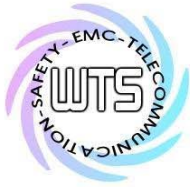
Street: 4080 McGinnis Ferry Rd. Suite 1205

Town: Alpharetta Georgia

Country: United States 30005

Telephone: 8884986061

Fax: 8884986061



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1.4 Application details

Date of receipt of test item: December 03, 2021

Date of test: from December 04, 2021 to January 12, 2022

1.5 General information of Test item

Type of test item: Gateway

Model Number: VP560 S2

Brand Name: VYPIN

Multi-listing model number: ./.

Photos: ./.

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

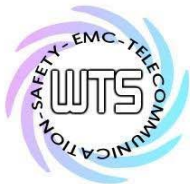
Frequency (ch 78): 2.480 GHz

Bluetooth Low Energy

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: Dipole antenna

Antenna gain: 2 dBi (BT& WLAN)

(Testing laboratory assumes no responsibility for affecting any validity of the result while the information which is provided by clients.)

Power supply: Battery 7.2 Vd.c., 3200 mAh, 23.04 Wh

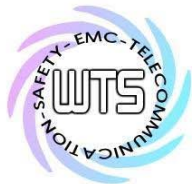
PoE

Emission designator: 802.11b: DSSS: 12M0G1D
802.11g: OFDM: 16M9D1D
802.11n 20MHz: OFDM: 17M9D1D
802.11n 40MHz: OFDM: 36M2D1D
BT 2.0: : OFDM: 1M22F1D
BT 4.0: : DSSS: 1M06G1D

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

802.11b

Power (ch 1 or A):	Conducted: 8.44dBm
Power (ch 6 or B):	Conducted: 8.62 dBm
Power (ch 11 or C):	Conducted: 8.45 dBm

802.11g

Power (ch 1 or A):	Conducted: 3.61 dBm
Power (ch 6 or B):	Conducted: 8.57 dBm
Power (ch 11 or C):	Conducted: 7.05 dBm

802.11n 20MHz

Power (ch 1 or A):	Conducted: 3.54 dBm
Power (ch 6 or B):	Conducted: 8.22 dBm
Power (ch 11 or C):	Conducted: 4.10 dBm

802.11n 40MHz

Power (ch 1 or A):	Conducted: 2.78 dBm
Power (ch 4 or B):	Conducted: 8.30 dBm
Power (ch 7 or C):	Conducted: 3.50 dBm

Bluetooth Normal mode

Power (ch 0 or A):	Conducted: -7.07 dBm
Power (ch 39 or B):	Conducted: -7.46 dBm
Power (ch 78 or C):	Conducted: -7.07 dBm

Bluetooth EDR mode

Power (ch 0 or A):	Conducted: -9.72 dBm
Power (ch 39 or B):	Conducted: -10.02 dBm
Power (ch 78 or C):	Conducted: -9.98 dBm

Bluetooth Low energy

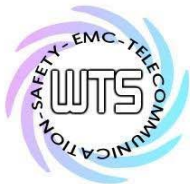
Power (ch 0 or A):	Conducted: -9.22 dBm
Power (ch 19 or B):	Conducted: -9.44 dBm
Power (ch 39 or C):	Conducted: -9.32 dBm

Manufacturer: (if applicable)

Name:	EmWicon Corporation
Street:	7F.-5, No. 258, Liancheng Rd., Zhonghe Dist.,
Town:	New Taipei City 235
Country:	Taiwan (R.O.C.)

1.6 Test standards

47 CFR PART 15 SUBPART C § 15.247 (2020-10)



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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

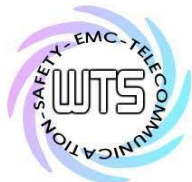
Power supply: Battery 7.2 Vd.c., 3200 mAh, 23.04 Wh

PoE

Extreme conditions parameters: ./.

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission (Power Line Conducted Emission)	Expanded Uncertainty : AMN : 1.05 dB Voltage probe : 1.05 dB
Estimation Result of Uncertainty of Radiated Emission(3M) (Transmitter Radiated Emissions in Restricted Bands, Spurious Emissions (tx), Radiated Emission from Digital Part)	Expanded Uncertainty : 0.009-30 MHz : 2.13 dB 30-1000 MHz : 3.53 dB 1-18 GHz : 4.19 dB 18-40 GHz : 4.09 dB
Estimation Result of Uncertainty of Bandwidth Measurement (20 dB Bandwidth, Minimum 6 dB Bandwidth)	Expanded Uncertainty : 0.41 kHz
Estimation Result of Uncertainty of Conducted Output Power Measurement (Peak Output Power (transmitter))	Expanded Uncertainty : 1.61 dB
Estimation Result of Uncertainty of Power Density Measurement (Peak Power Spectral Density)	Expanded Uncertainty : 1.68 dB
Estimation Result of Uncertainty of Band Edge Measurement (Radiated Emission on the band edge)	Expanded Uncertainty : 1.33 dBc
Estimation Result of Uncertainty of Frequency Separation Measurement (Carrier Frequency Separation, Number of Hopping Frequencies)	Expanded Uncertainty : 554.14 Hz
Estimation Result of Uncertainty of Duty Cycle Measurement (Time of Occupancy (Dwell Time))	Expanded Uncertainty : 0.1 ms

The decision rule is: Measurement uncertainty is not included in the calculation of test results.

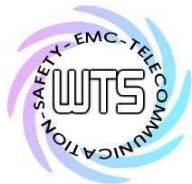


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2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2021/6/17	2022/6/16
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	2021/11/9	2022/11/8
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2021/9/22	2022/9/21
ETSTW-CE 008	HF-EICHELITUNG 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	2021/7/29	2022/7/28
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2021/11/8	2022/11/7
ETSTW-CE 028	MXE EMI Receiver	N9038A	MY53220110	Agilent	2021/7/28	2022/7/27
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2021/6/17	2022/6/16
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2021/9/28	2022/9/27
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	2021/8/4	2022/8/3
ETSTW-RE 019	MICROWAVE HORN ANTENNA	22240-25	121074	FM	2021/5/31	2022/5/30
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2021/6/16	2022/6/15
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2021/5/5	2022/5/4
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2021/3/18	2022/3/17
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2021/5/21	2022/5/20
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2021/7/14	2022/7/13
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2021/2/19	2022/2/18
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2021/2/19	2022/2/18
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2021/2/19	2022/2/18
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2021/3/16	2022/3/15
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2021/2/19	2022/2/18
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2021/5/14	2022/5/13
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	2021/10/27	2022/10/26
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2021/9/17	2022/9/16
ETSTW-RE 091	Match Pad	MDCS1500	None	WOKEN	2021/5/27	2022/5/26
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2021/2/19	2022/2/18
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	

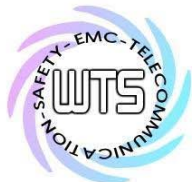


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ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2022/1/5	2023/1/4
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	2021/10/29	2022/10/28
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2021/6/8	2022/6/7
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2021/8/6	2022/8/5
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2021/8/6	2022/8/5
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2021/2/19	2022/2/18
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2021/8/6	2022/8/5
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2021/8/6	2022/8/5
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-RE 142	Amplifier	8447D	2805A03378	Agilent	2021/5/14	2022/5/13
ETSTW-RE 146	Preamplifier	JPA-10M1G	15090004	JPT	2021/6/4	2022/6/3
ETSTW-RE 152	Bi-log Hybrid Antenna	MCTD 2786B	BLB20J04029	ETC	2021/10/5	2022/10/4
ETSTW-RE 153	Signal Analyzer	FSV40	101929	R&S	2021/10/6	2022/10/5
ETSTW-RE 159	Bi-log Hybrid Antenna (30M~1000 MHz)	MCTD 2786B	BLB21N04035	ETC	2021/12/06	2022/12/05
ETSTW-RF 002	Electromagnetic field probe	LF-30	K-0007	STT	2021/7/19	2022/7/18
ETSTW-EMI 011	USB Compact Modulator	SFC-U	101689	R&S	2021/6/2	2022/6/1
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2021/3/16	2022/3/15
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2021/4/27	2022/4/26
ETSTW-GSM 004	Wideband Radio Communication Tester	CMW500	128092	R&S	2021/10/29	2022/10/28
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2022/1/5	2023/1/4
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2022/1/5	2023/1/4
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2022/1/5	2023/1/4
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2022/1/5	2023/1/4
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2021/9/7	2022/9/6
ETSTW-GSM 024	Radio Communication Analyzer	MT8821C	None	Anritsu	2021/4/1	2022/3/31
ETSTW-GSM 025	Band Reject Filter	BRM19835	001	Micro-Tronics	2021/8/6	2022/8/5
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	2021/2/19	2022/2/18
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2021/2/19	2022/2/18
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2021/2/19	2022/2/18
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2021/2/19	2022/2/18
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2021/7/1	2022/6/30
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2021/5/7	2022/5/6
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2021/9/17	2022/9/16
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2021/9/17	2022/9/16
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2021/2/19	2022/2/18

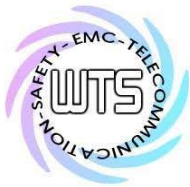


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ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2021/5/14	2022/5/13
ETSTW-Cable 047	Microwave Cable	SUCOFLEX 104	325518	HUBER+SUHNER	2021/7/2	2022/7/1
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2021/6/4	2022/6/3
ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2021/5/14	2022/5/13
ETSTW-Cable 071	N TYPE CABLE	EMCCFD400-NM-NM-25000	170239	EMCI	2021/6/4	2022/6/3
ETSTW-Cable 072	SMA type cable (8m)	SUCOFLEX 104	805800/4	HUBER+SUHNER	2021/5/14	2022/5/13
ETSTW-Cable 074	SMA type cable (2m)	SUCOFLEX 104	802563/4	HUBER+SUHNER	2021/5/14	2022/5/13
WTSTW-SW 002	EMI TEST SOFTWARE	EZ EMC	None	Farad	Version ETS-03A1 Version EMEC-3A1+	
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 002	Thermohygrometer	608-H1	45204317	Testo	2021/10/18	2022/10/17
ETSTW-TH 003	Wireless weather station	GAIA	N/A	TFA	2021/10/18	2022/10/17



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FCC ID: 2ALIW-VP560S2

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:

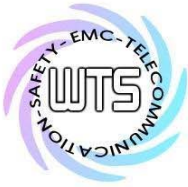
Freq (MHz)	METER READING + ACF + CABLE LOSS (to the receiver) = FS
33	20 dB μ V + 10.36 dB + 6 dB = 36.36 dB μ V/m @3m

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:

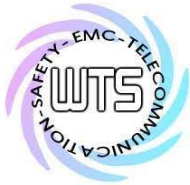
Average = Peak + Duty Factor

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.



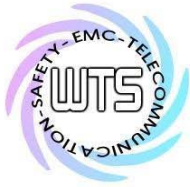
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

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):15.209	☒	☒	☐
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 Digital Part	15.109	☐	☐	☐
Power Line Conducted Emission	15.207(a)	☒	☒	☐



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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).

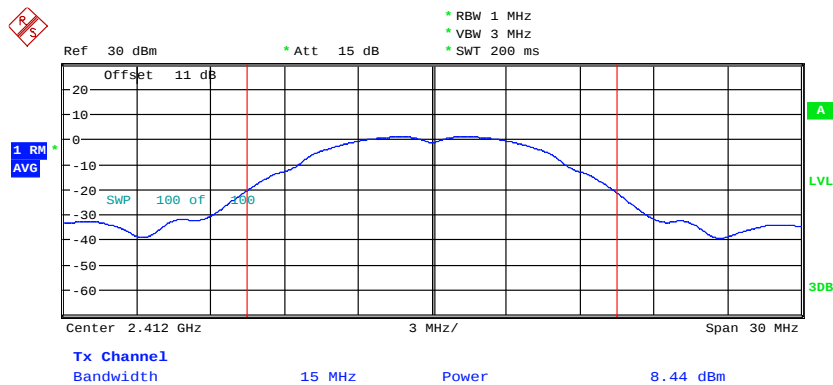
Test date: December 04, 2021-January 12, 2022

Temperature: 21.3 °C

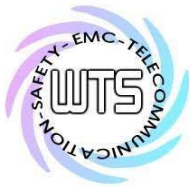
Humidity: 58.3 %

Tester: Rick

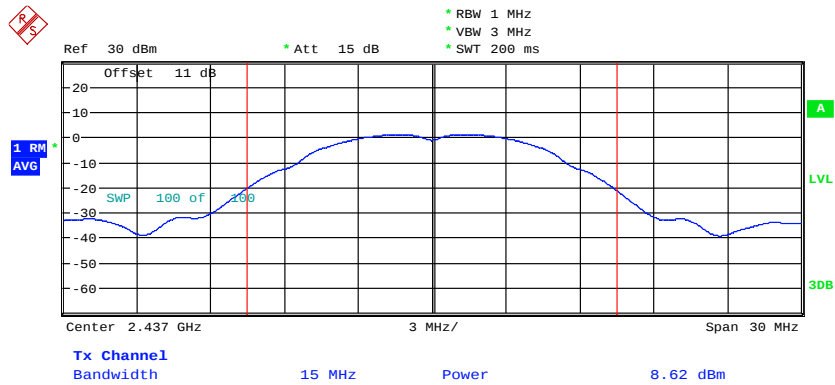
WLAN 802.11b



MAX OUTPUT POWER 802.11B CH1
Date: 4.DEC.2021 16:35:55

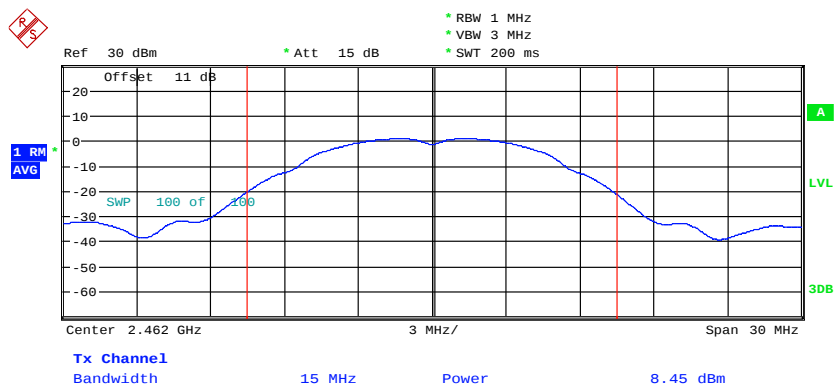


Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



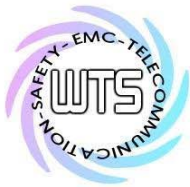
MAX OUTPUT POWER 802.11B CH6

Date: 4.DEC.2021 16:34:58



MAX OUTPUT POWER 802.11B CH11

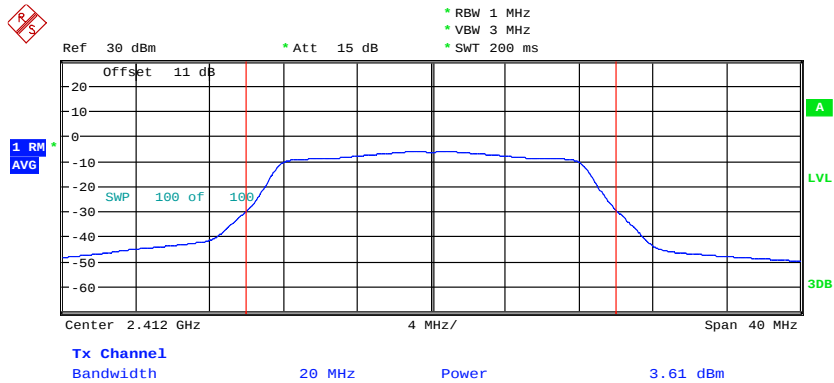
Date: 4.DEC.2021 16:33:32



Registration number: W6M22108-21141-C-1

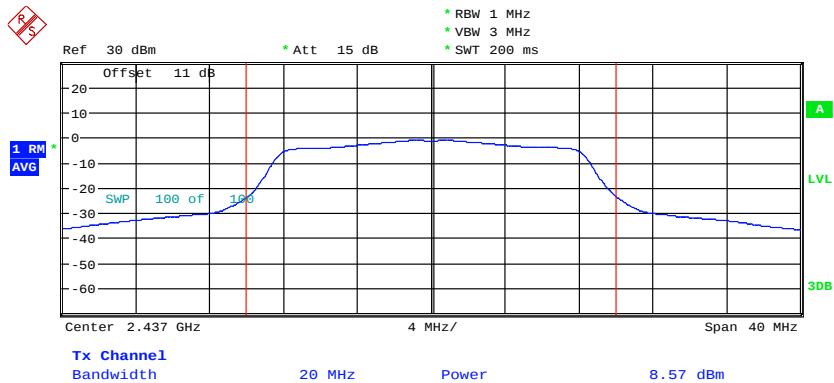
FCC ID: 2ALIW-VP560S2

802.11g



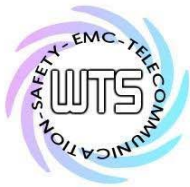
MAX OUTPUT POWER 802.11G CH1

Date: 12.JAN.2022 15:19:36

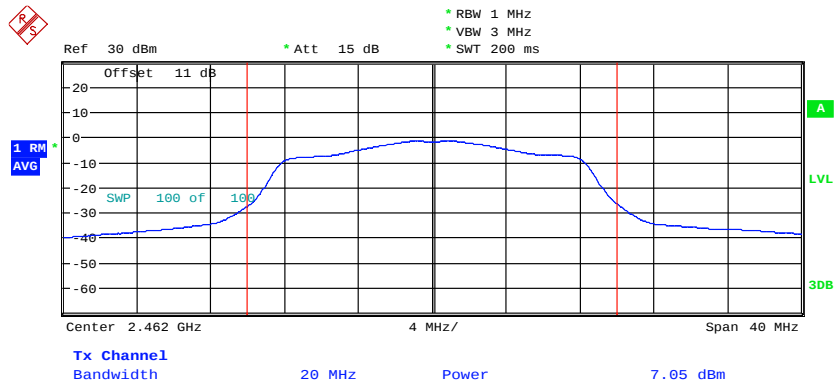


MAX OUTPUT POWER 802.11G CH6

Date: 4.DEC.2021 16:30:49

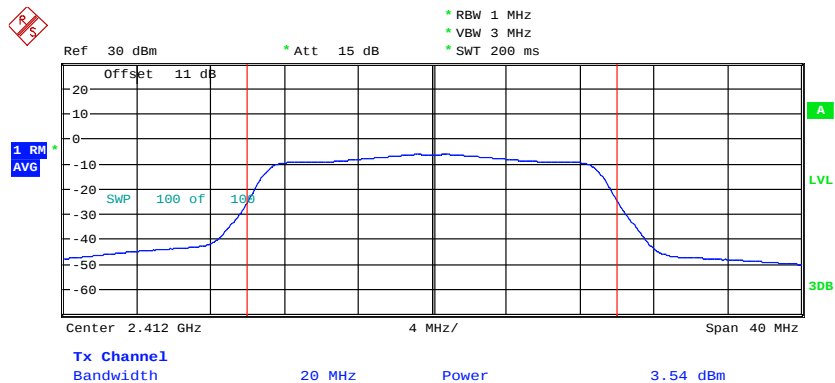


Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

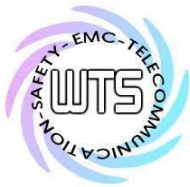


MAX OUTPUT POWER 802.11G CH11
Date: 12.JAN.2022 15:17:26

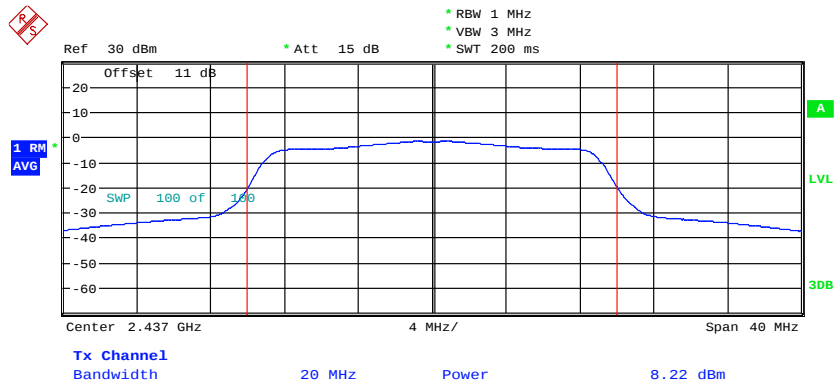
802.11n 20MHz



MAX OUTPUT POWER 802.11N 20MHZ CH1
Date: 12.JAN.2022 19:56:57

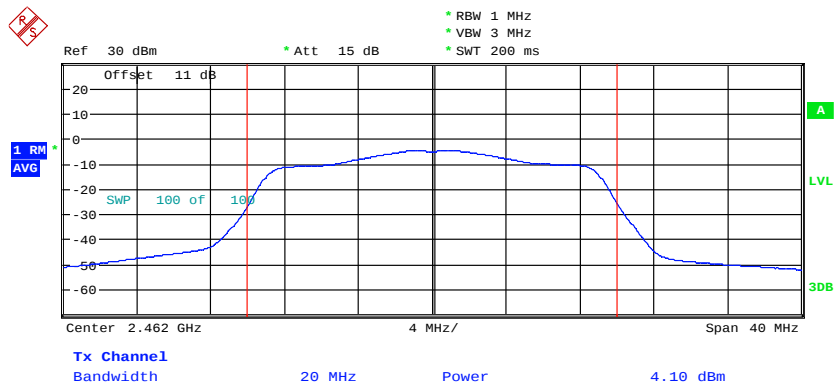


Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



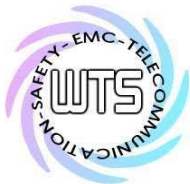
MAX OUTPUT POWER 802.11N 20MHZ CH6

Date: 4.DEC.2021 16:25:51



MAX OUTPUT POWER 802.11N 20MHZ CH11

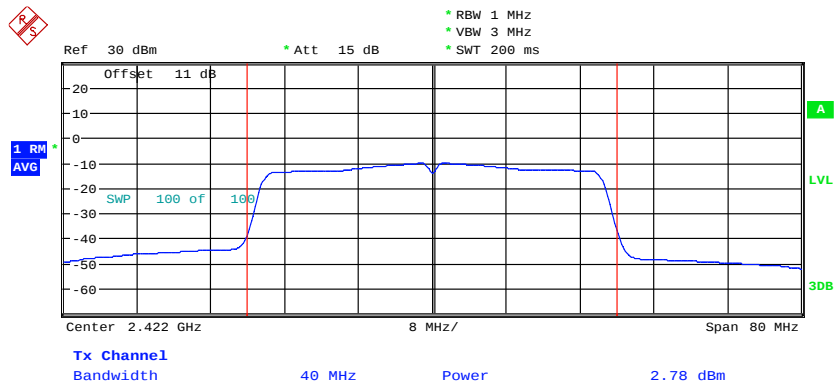
Date: 12.JAN.2022 15:09:06



Registration number: W6M22108-21141-C-1

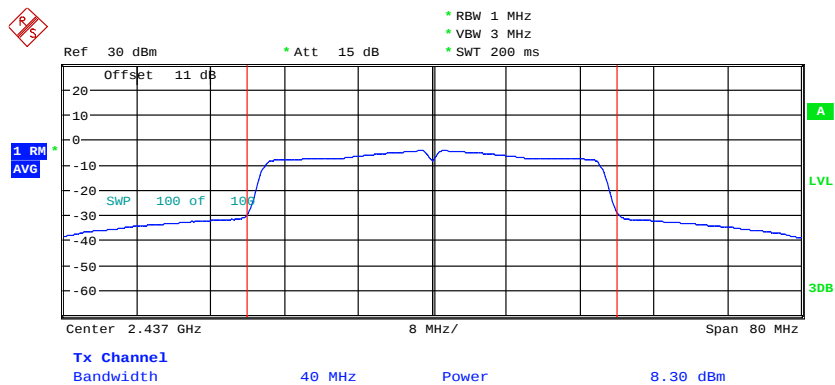
FCC ID: 2ALIW-VP560S2

802.11n 40MHz



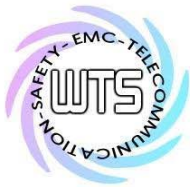
MAX OUTPUT POWER 802.11N 40MHZ CH1

Date: 12.JAN.2022 18:33:47

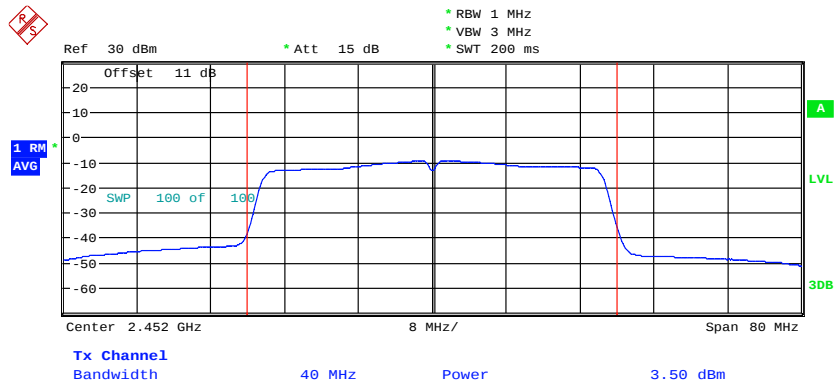


MAX OUTPUT POWER 802.11N 40MHZ CH4

Date: 4.DEC.2021 16:22:14



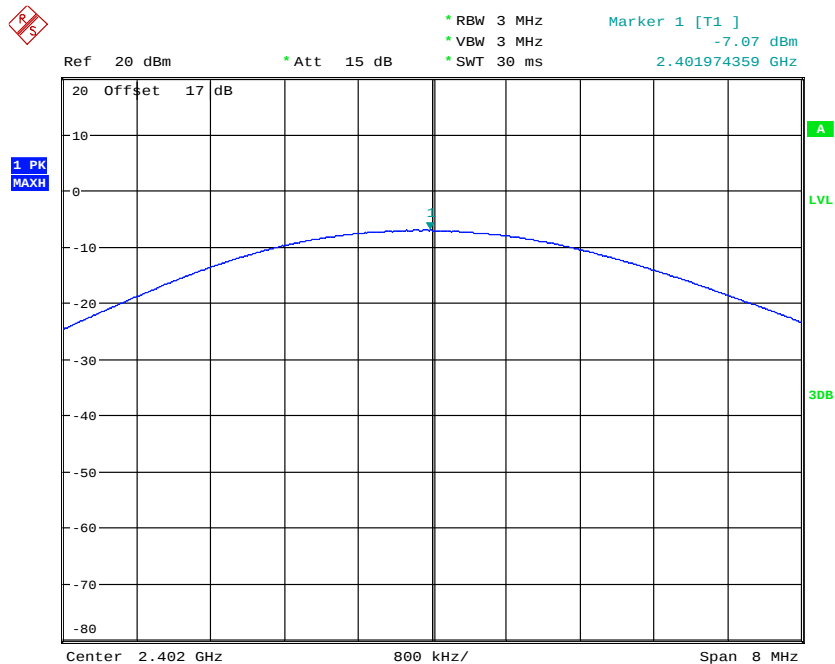
Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



MAX OUTPUT POWER 802.11N 40MHZ CH7

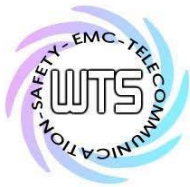
Date: 12.JAN.2022 18:31:56

Bluetooth Normal mode

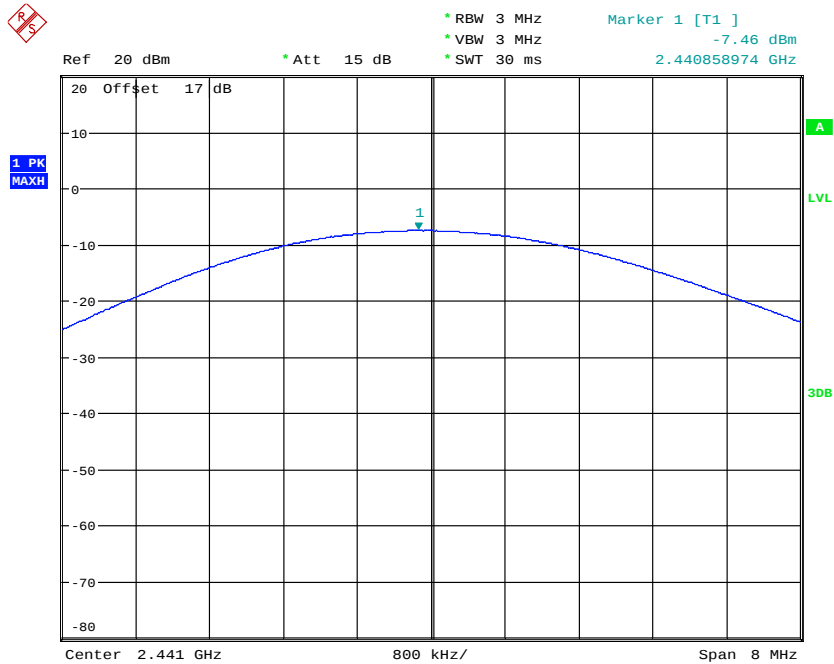


MAX OUTPUT POWER CH0

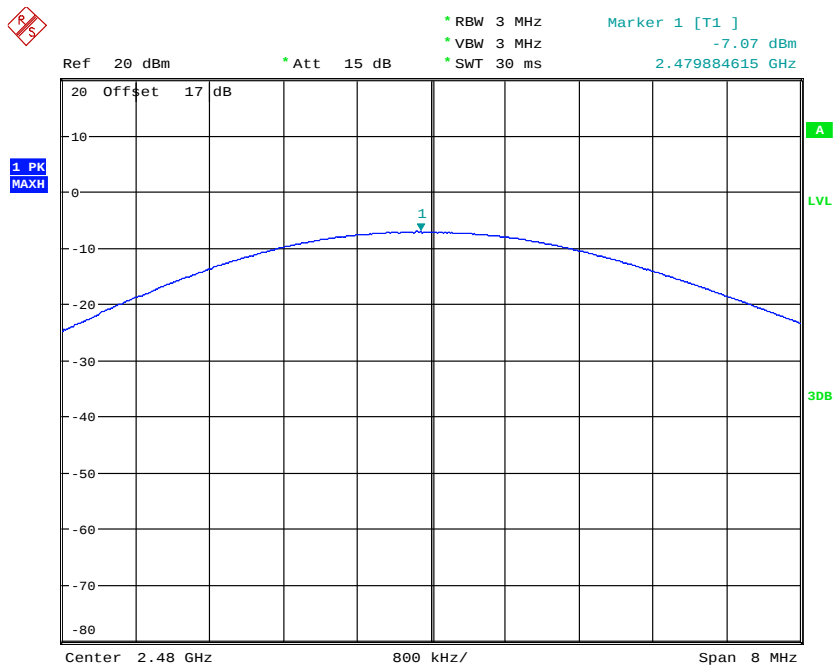
Date: 4.DEC.2021 16:59:23



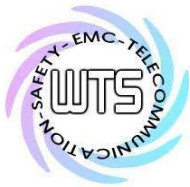
Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



MAX OUTPUT POWER CH39
Date: 4.DEC.2021 17:00:23



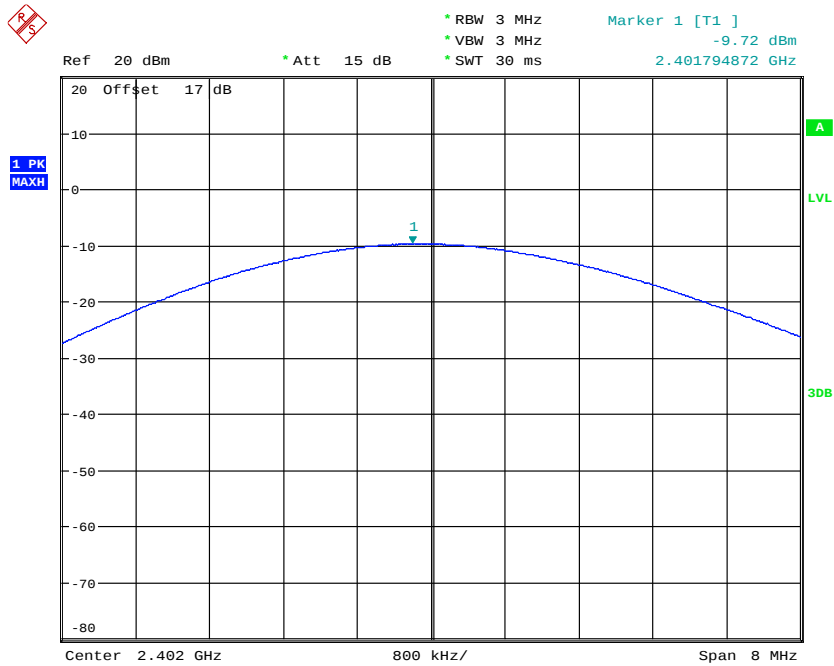
MAX OUTPUT POWER CH78
Date: 4.DEC.2021 17:01:11



Registration number: W6M22108-21141-C-1

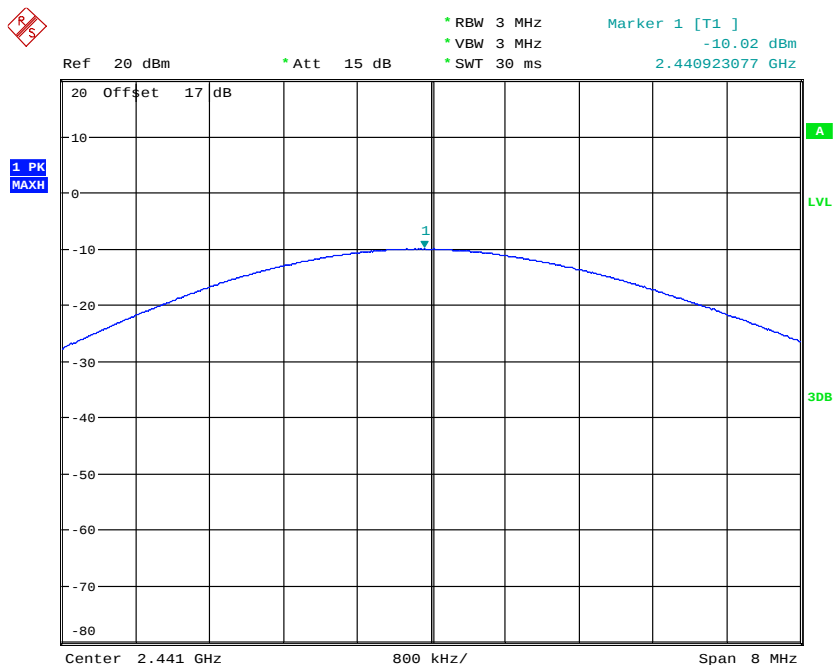
FCC ID: 2ALIW-VP560S2

EDR mode



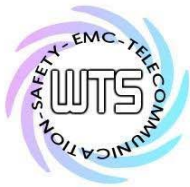
MAX OUTPUT POWER CH0 EDR MODE

Date: 4.DEC.2021 17:18:55

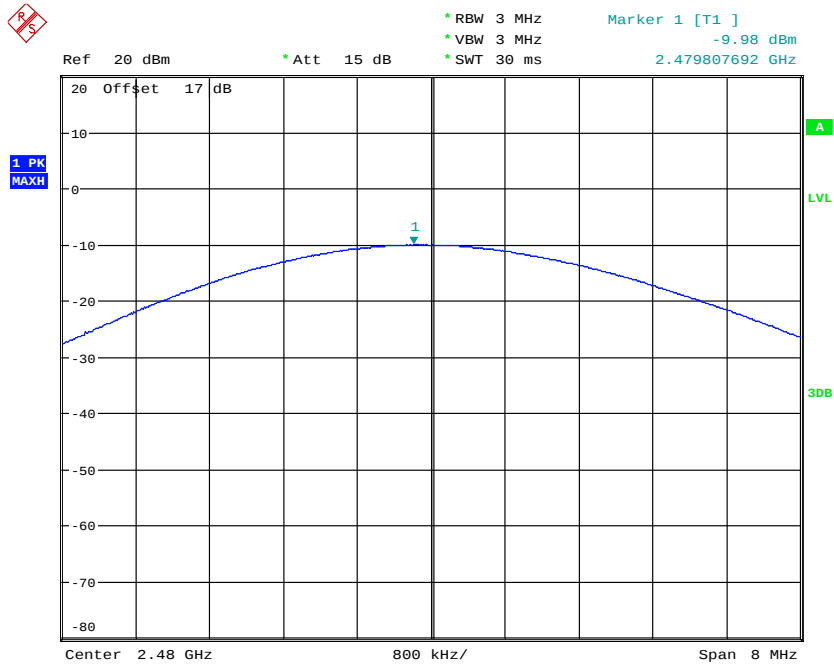


MAX OUTPUT POWER CH39 EDR MODE

Date: 4.DEC.2021 17:19:51

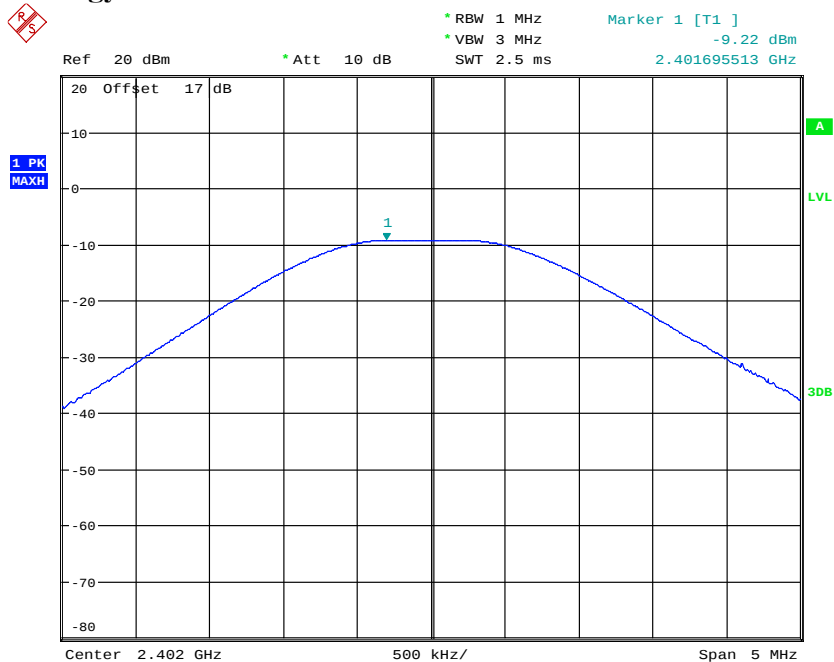


Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

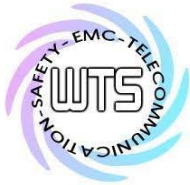


MAX OUTPUT POWER CH78 EDR MODE
Date: 4.DEC.2021 17:20:31

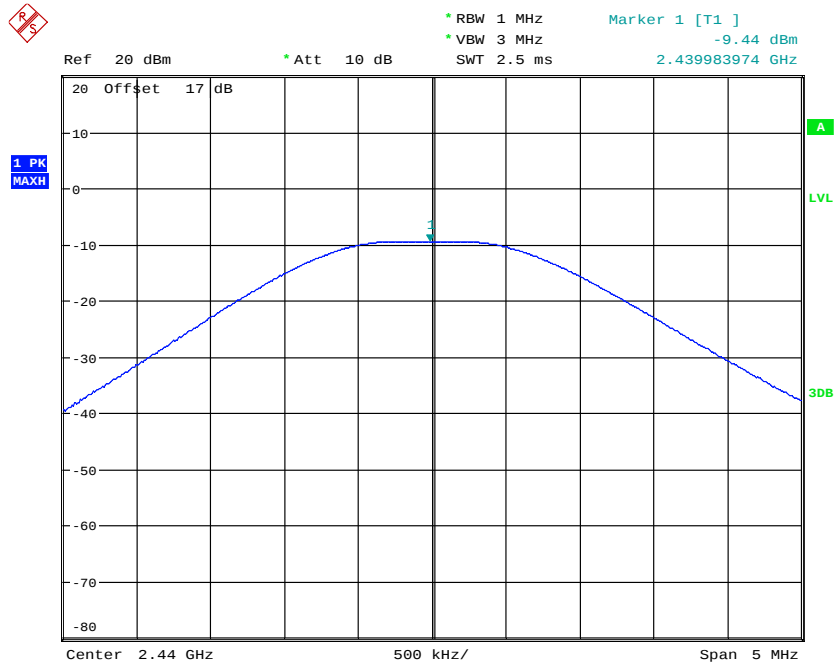
Bluetooth Low Energy mode



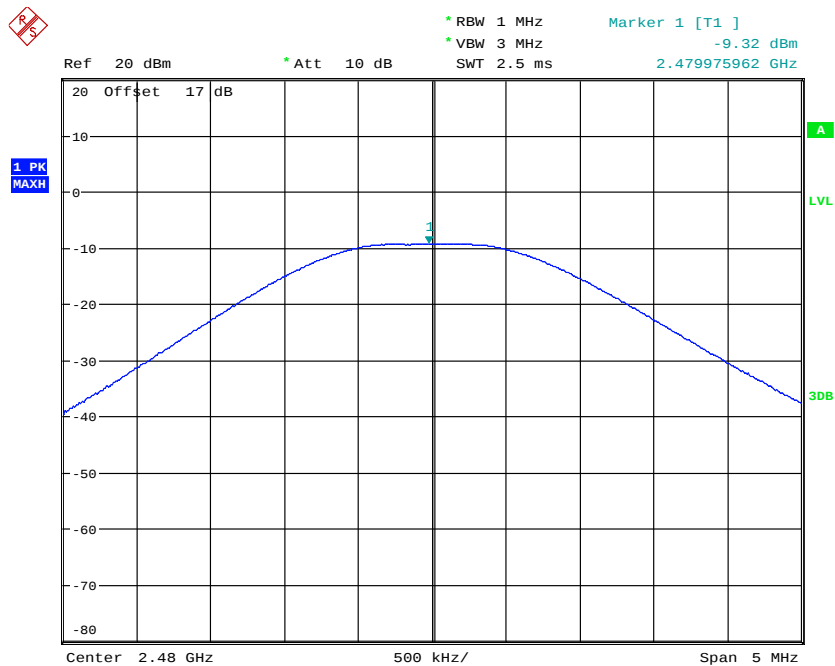
MAX OUTPUT POWER BT4.0 CH00
Date: 4.DEC.2021 17:22:05



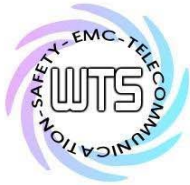
Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



MAX OUTPUT POWER BT4.0 CH19
Date: 4.DEC.2021 17:23:09



MAX OUTPUT POWER BT4.0 CH39
Date: 4.DEC.2021 17:23:55



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21141-C-1

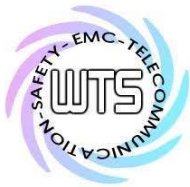
FCC ID: 2ALIW-VP560S2

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: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

3.2 RF Exposure Compliance Requirements

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

WLAN

EIRP = 8.62 dB + 2 dBi [antenna gain claimed by manufacturer] = 10.62 dBm = 11.5345 mW

Bluetooth Normal mode & EDR mode

EIRP = -7.07 dB + 2 dBi [antenna gain claimed by manufacturer] = -5.07 dBm = 0.3112 mW

Bluetooth Low Energy mode

EIRP = -9.22 dB + 2 dBi [antenna gain claimed by manufacturer] = -7.22 dBm = 0.1897 mW

Test equipment used: ETSTW-RE 055

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.

MPE Calculation Method

(A) Limits for Occupational/Controlled Exposure

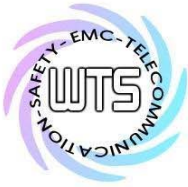
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1500	--	--	f/300	6
1500-100,000	--	--	5	6

(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



Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

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 $Pd \cdot \frac{30 \times P \times G}{377 \times d^2}$ mW/cm².

Established separation distance is 20 cm.

WLAN

Operating frequency band : 2412-2462 MHz

The product meets RF exposure requirement.

Because the power density of 0.0023 mW/cm² at 2437 MHz is below the power density limit of 1 mW/cm².

Bluetooth Normal mode & EDR mode

Operating frequency band : 2402-2480 MHz

The product meets RF exposure requirement.

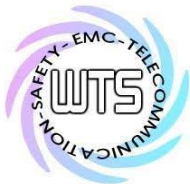
Because the power density of 0.0001 mW/cm² at 2480 MHz is below the power density limit of 1 mW/cm².

Bluetooth Low Energy mode

Operating frequency band : 2402-2480 MHz

The product meets RF exposure requirement.

Because the power density of 0 mW/cm² at 2402 MHz is below the power density limit of 1 mW/cm².



Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

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:

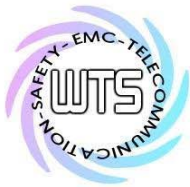
“If the emission is pulsed, modify the unit for continuous operation, use the setting shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.”

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.



Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

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:

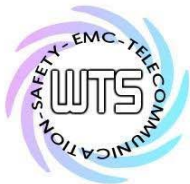
“If the emission is pulsed, modify the unit for continuous operation, use the settings shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.”

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.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21141-C-1

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

Calculation of test results:

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

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

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

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

Summary table with radiated data of the test plots

Model:	VP560 S2	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)	
--	--	--	--	--	--	--	--	--	
--	--	--	--	--	--	--	--	--	

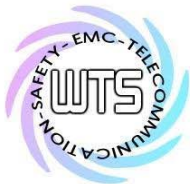
Frequency (MHz)	Reading (dBuV)		Factor (dB)	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.	Corr.	Peak	Ave.	Peak	Ave.			
--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--

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.**
6. **There were no emission found below 30MHz within 20dB of limit.**

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



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3.5 Carrier Frequency Separation

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

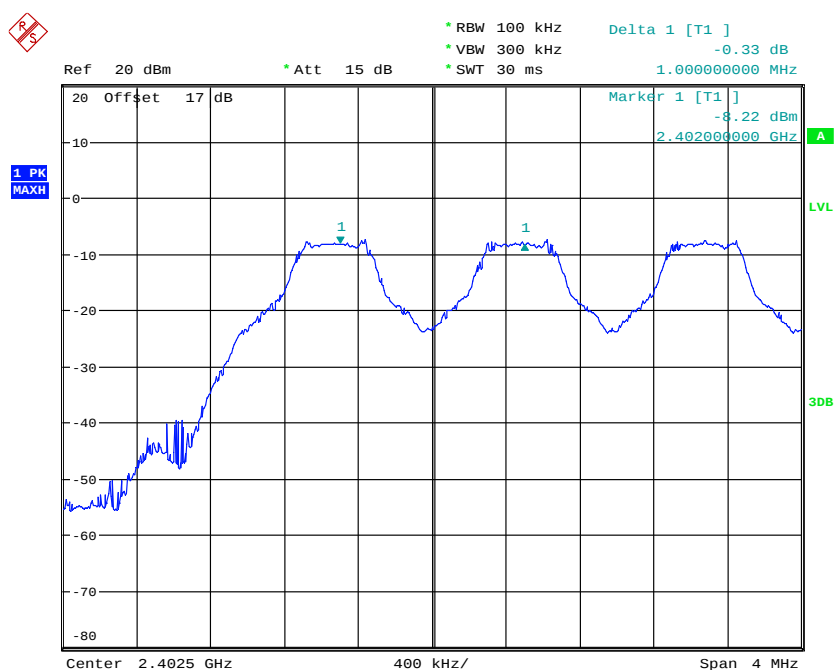
According to FCC rules part 15 subpart C §15.247 frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or 20 dB bandwidth of the hopping channel, whichever is greater.

Test date: December 04, 2021

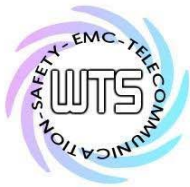
Temperature: 21.9 °C

Humidity: 53.0 %

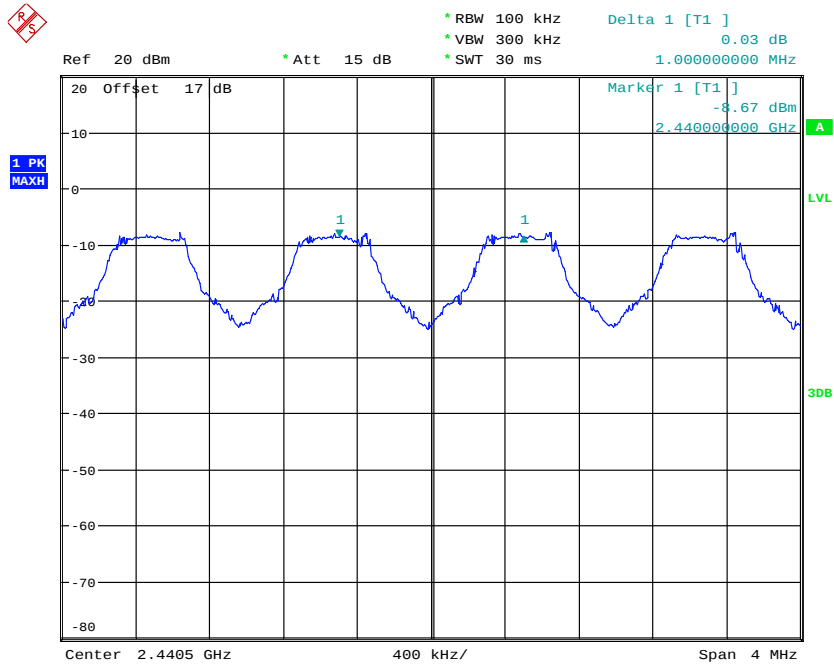
Tester: Rick



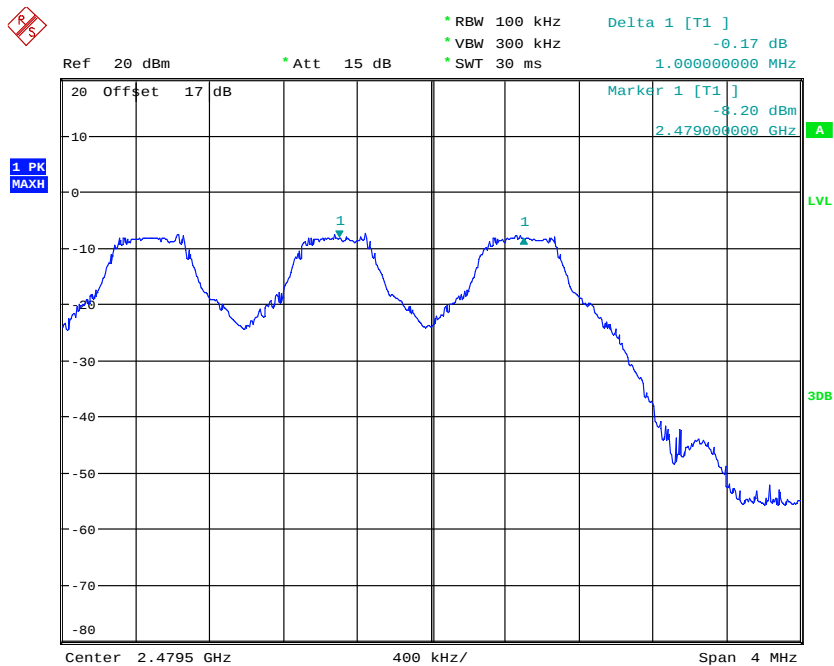
FREQUENCY SEPARATION CH0
Date: 4.DEC.2021 17:05:47



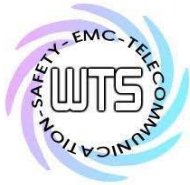
Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



FREQUENCY SEPARATION CH39
Date: 4.DEC.2021 17:06:31



FREQUENCY SEPARATION CH78
Date: 4.DEC.2021 17:07:19



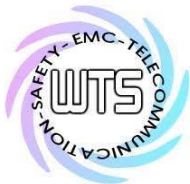
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

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: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

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 at least 75 hopping frequencies.

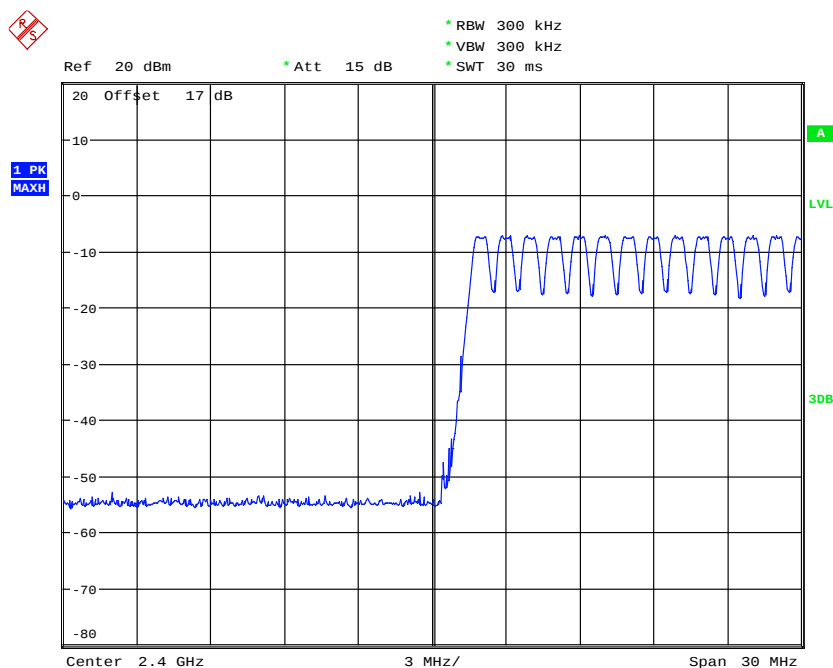
For frequency hopping systems operating in the 902-928 MHz band: if the 20dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies; if the 20dB bandwidth of the hopping channel 250 kHz or greater, the system shall use at least 25 hopping frequencies.

Test date: December 04, 2021

Temperature: 21.9 °C

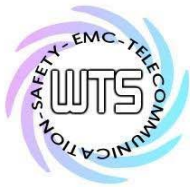
Humidity: 53.0 %

Tester: Rick

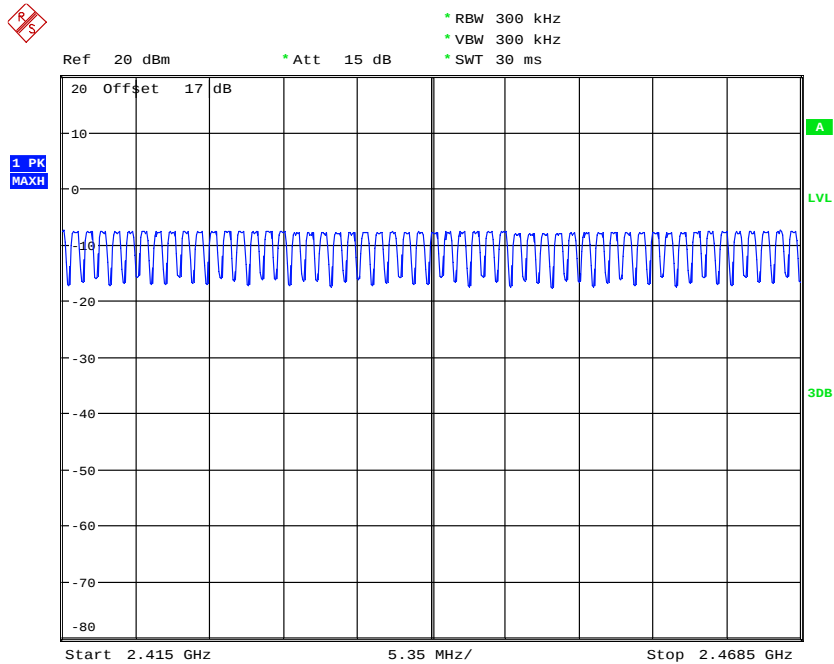


NUMBER OF HOPPING CH0-13

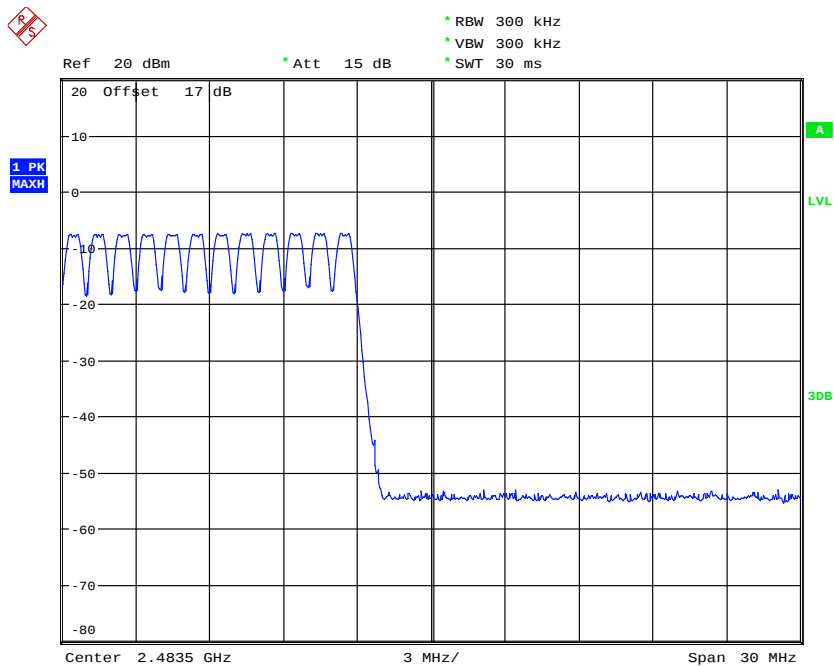
Date: 4.DEC.2021 17:03:07



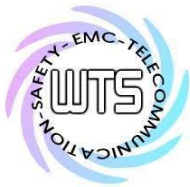
Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



NUMBER OF HOPPING CH14-66
Date: 4.DEC.2021 17:04:55



NUMBER OF HOPPING CH67-78
Date: 4.DEC.2021 17:03:47



Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

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

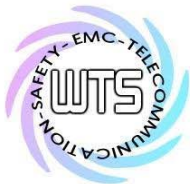
The generation of the hopping sequence is determined by the Bluetooth core specification and complies with the FCC requirements.

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: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

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.

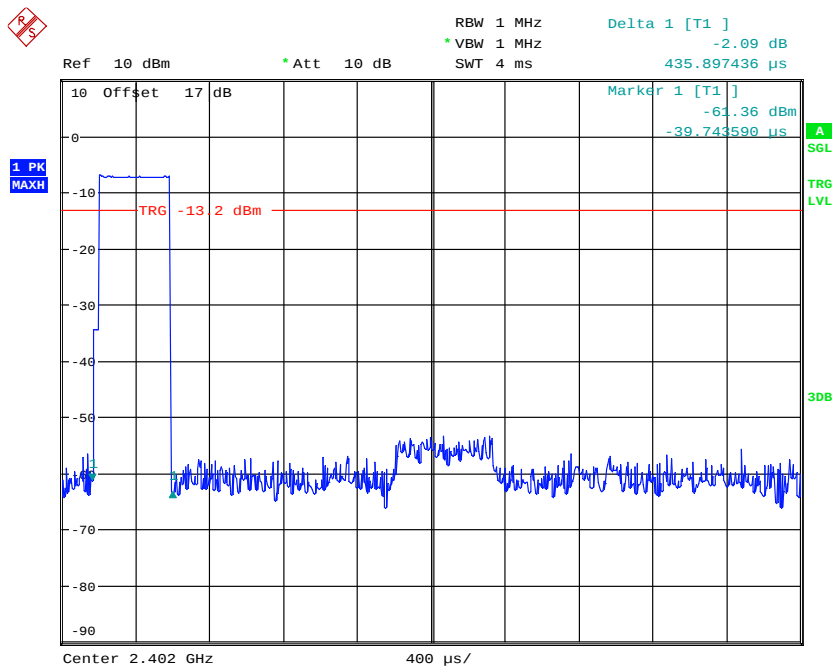
For frequency hopping systems operating in the 902-928 MHz band: if the 20dB bandwidth of the hopping channel is less than 250 kHz, the average time of occupancy on any frequency shall not greater than 0.4 seconds within a 20 second period; if the 20dB bandwidth of the hopping channel is 250 kHz or greater,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

Test date: December 04, 2021

Temperature: 21.9 °C

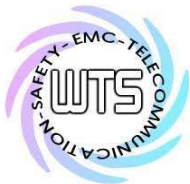
Humidity: 53.0 %

Tester: Rick



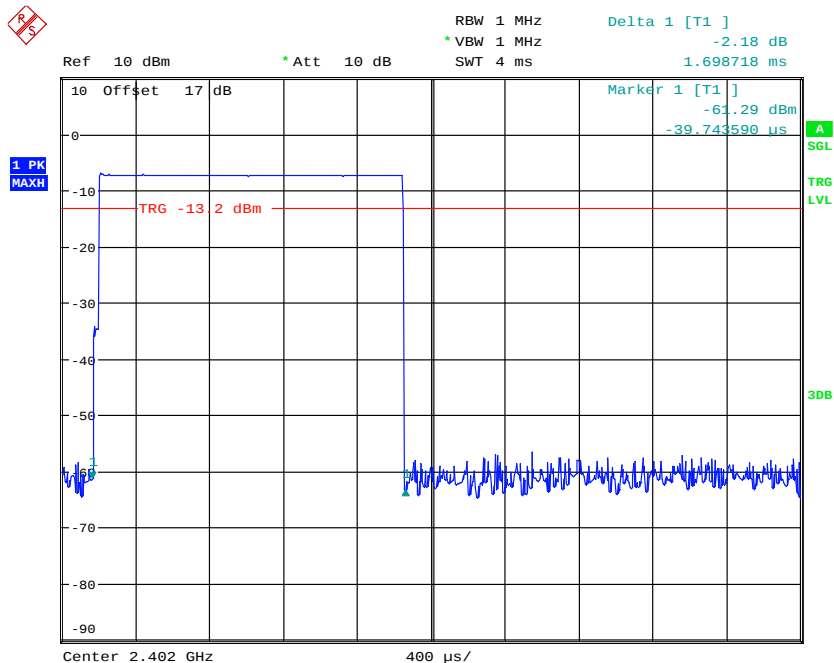
DWELL TIME CH0 DH1(0.436ms * 320events = 139.52ms)

Date: 4.DEC.2021 17:28:12



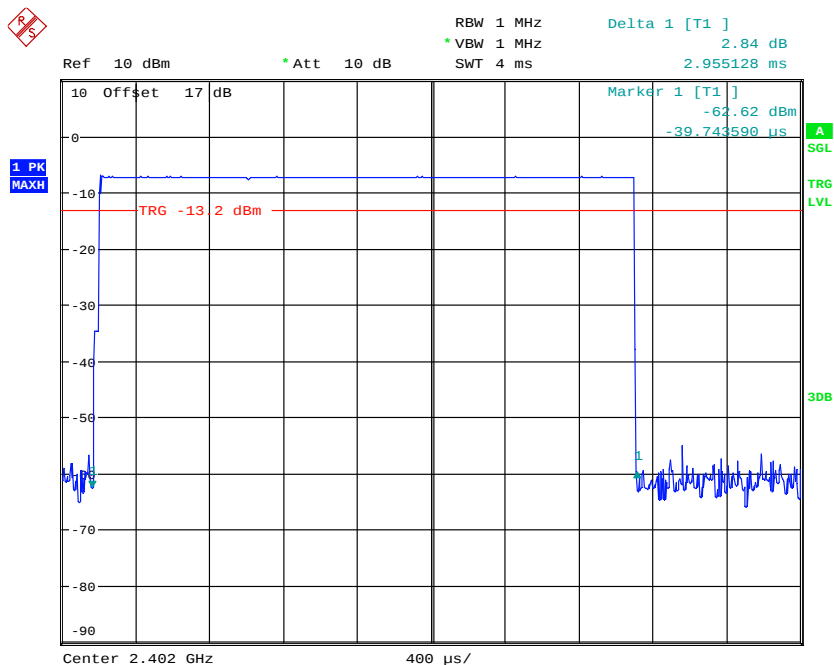
Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2



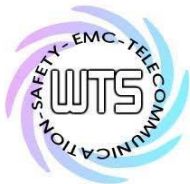
DWELL TIME CH0 DH3(1.699ms * 160events = 271.84ms)

Date: 4.DEC.2021 17:31:14



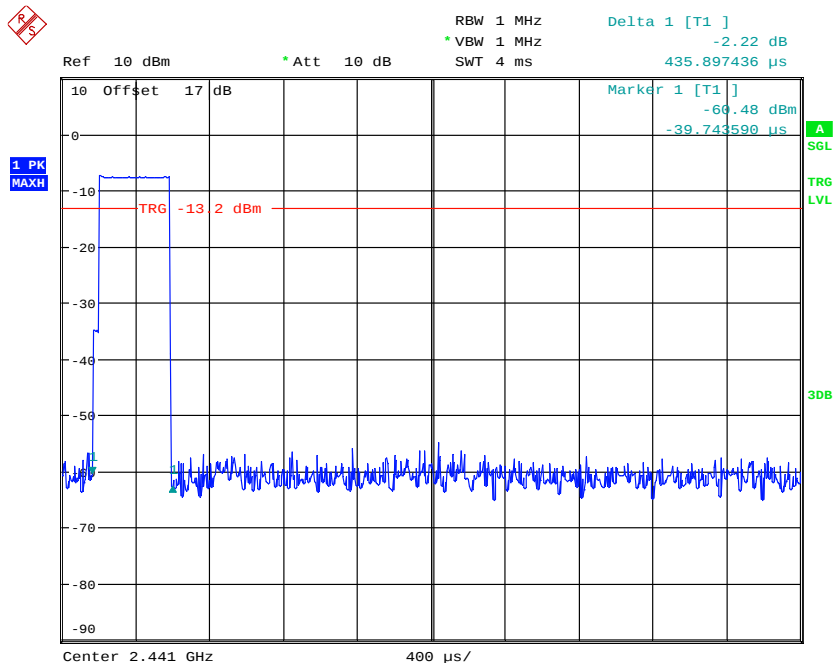
DWELL TIME CH0 DH5(2.955ms * 106events = 313.23ms)

Date: 4.DEC.2021 17:32:45



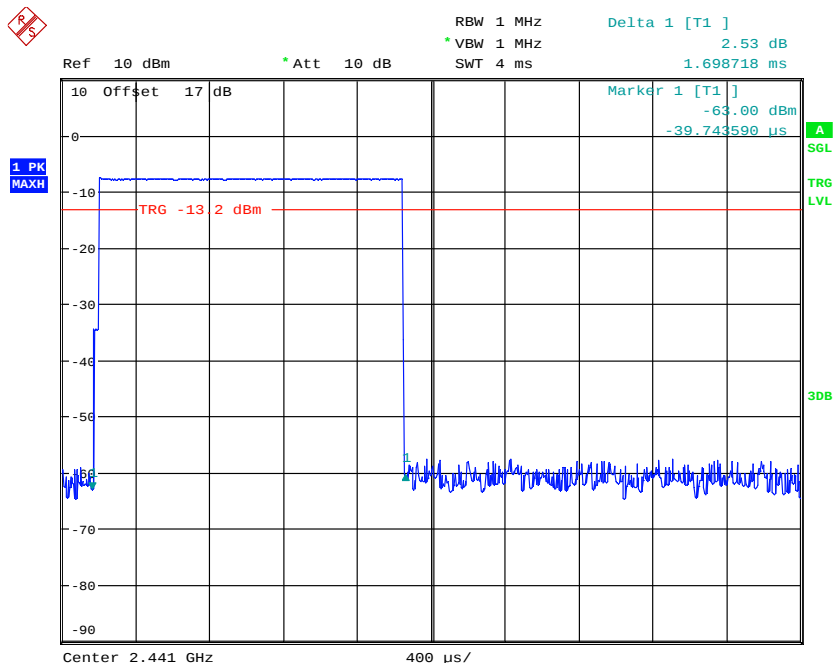
Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2



DWELL TIME CH39 DH1(0.436ms * 320events = 139.52ms)

Date: 4.DEC.2021 17:28:39

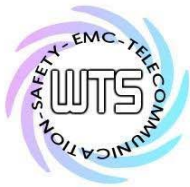


DWELL TIME CH39 DH3(1.699ms * 160events = 271.84ms)

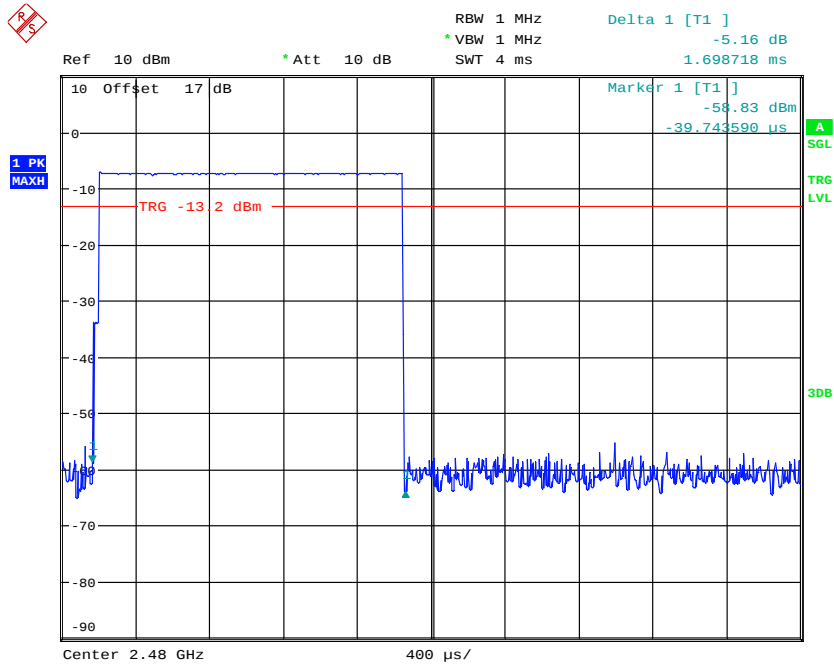
Date: 4.DEC.2021 17:30:51



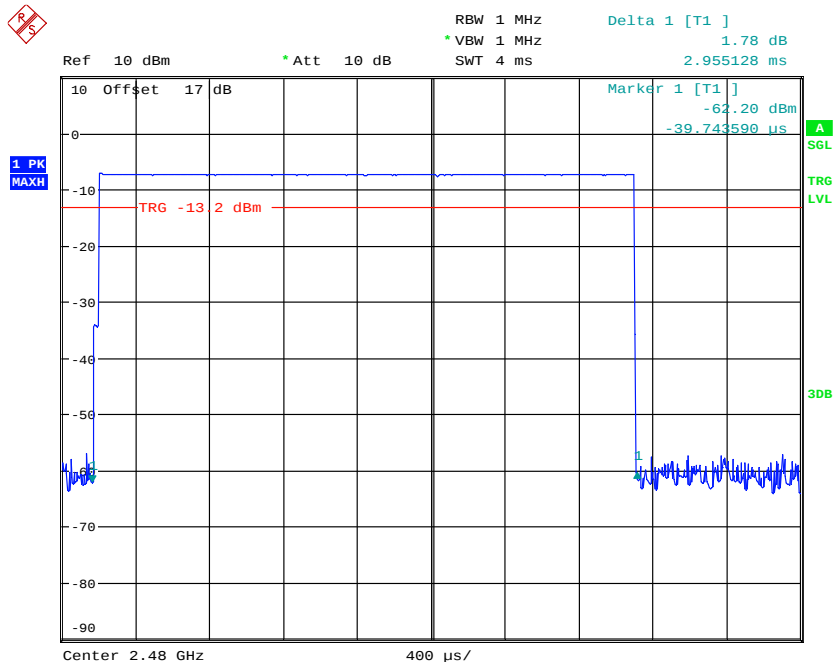
FCC ID: 2ALIW-VP560S2



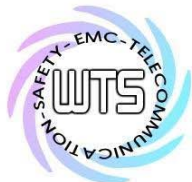
Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



DWELL TIME CH78 DH3(1.699ms * 160events = 271.84ms)
Date: 4.DEC.2021 17:30:26



DWELL TIME CH78 DH5(2.955ms * 106events = 313.23ms)
Date: 4.DEC.2021 17:33:35



Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

Normal Mode

Packet Type	Time Slot Lenth (ms)	events	Dwell time (ms)	Limit (ms)	Result
DH1	0.436	320	139.5	400	Pass
DH3	1.699	160	271.8		Pass
DH5	2.955	107	315.2		Pass

$$DH1=(31.6 * 1600) / 79 / 2$$

events calculation $DH3=(31.6 * 1600) / 79 / 4$

$$DH5=(31.6 * 1600) / 79 / 6$$

AFH Mode

Packet Type	Time Slot Lenth (ms)	events	Dwell time (ms)	Limit (ms)	Result
DH1	0.436	160	69.8	400	Pass
DH3	1.699	80	135.9		Pass
DH5	2.955	53	157.6		Pass

$$DH1=(8 * 800) / 20 / 2$$

events calculation $DH3=(8 * 800) / 20 / 4$

$$DH5=(8 * 800) / 20 / 6$$

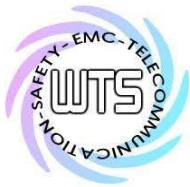
Limits and measurement periods:

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

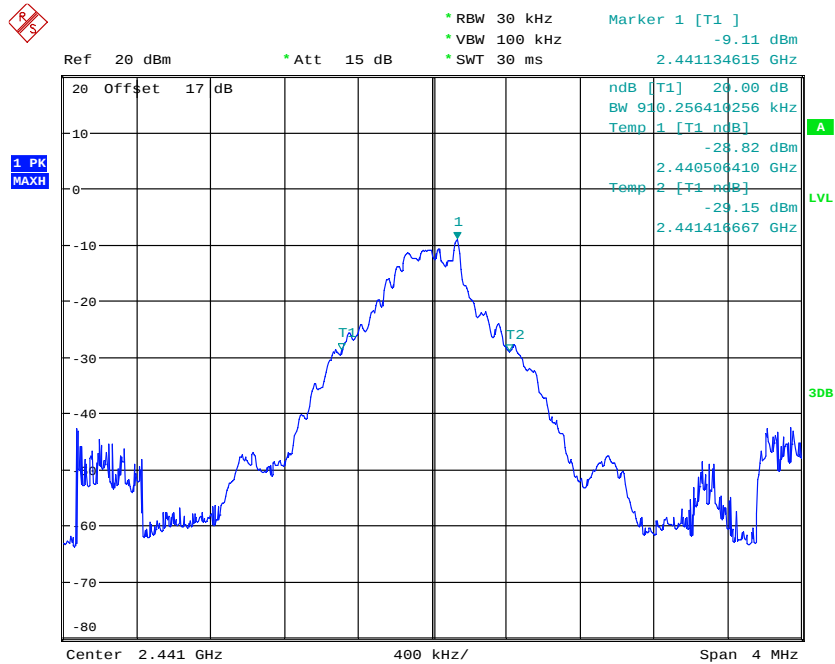
Test equipment used: ETSTW-RE 055, ETSTW-RE 064



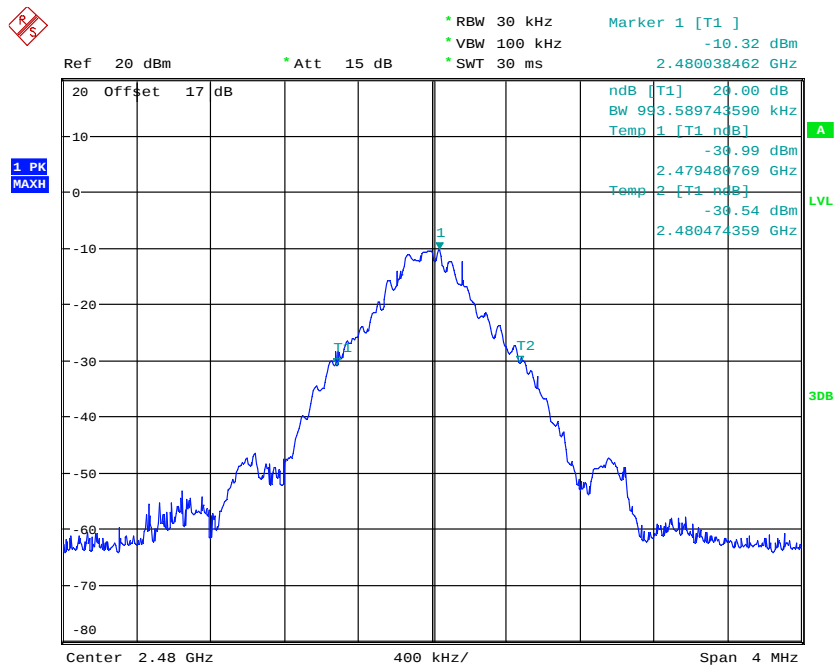
FCC ID: 2ALIW-VP560S2



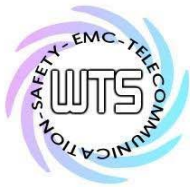
Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



20DB BANDWIDTH CH39
Date: 4.DEC.2021 17:00:31

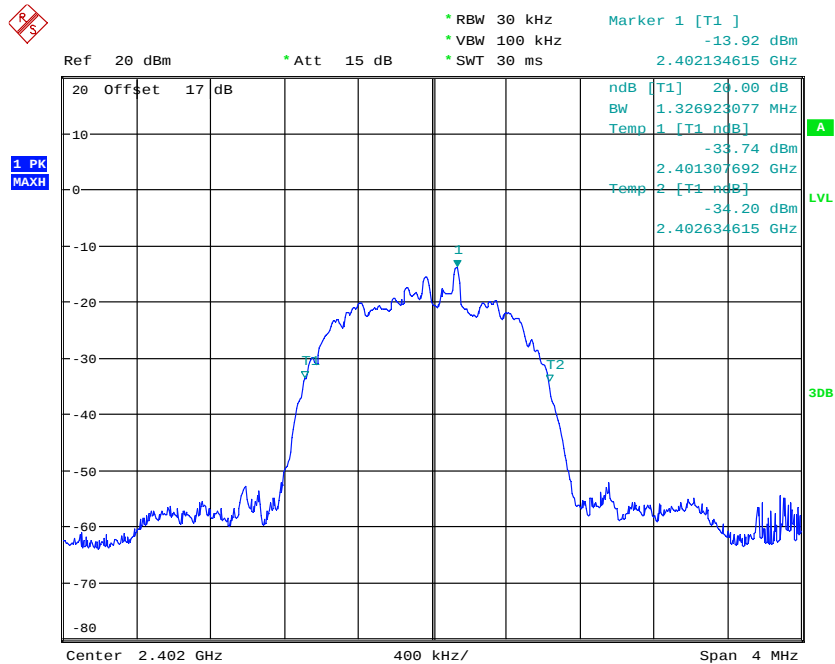


20DB BANDWIDTH CH78
Date: 4.DEC.2021 17:01:19

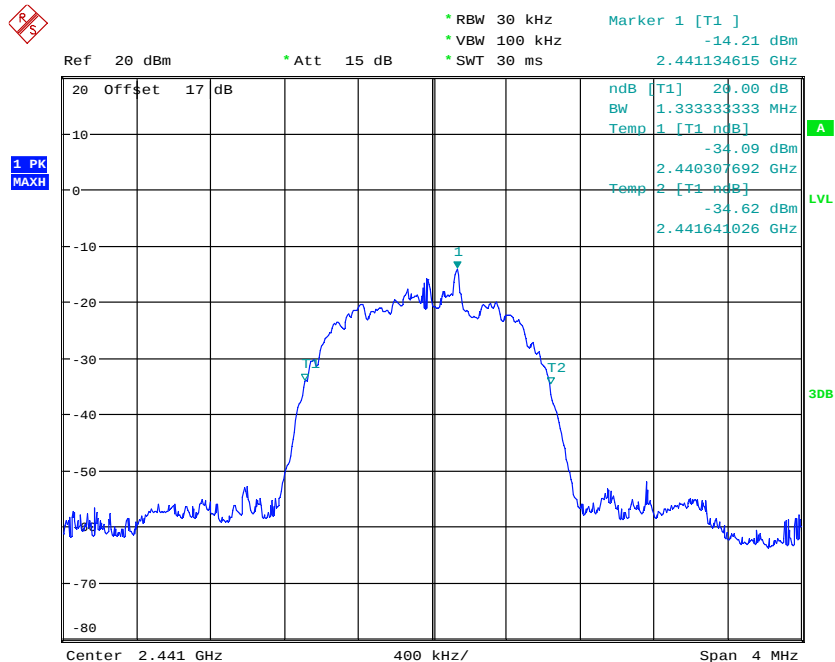


Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

EDR mode

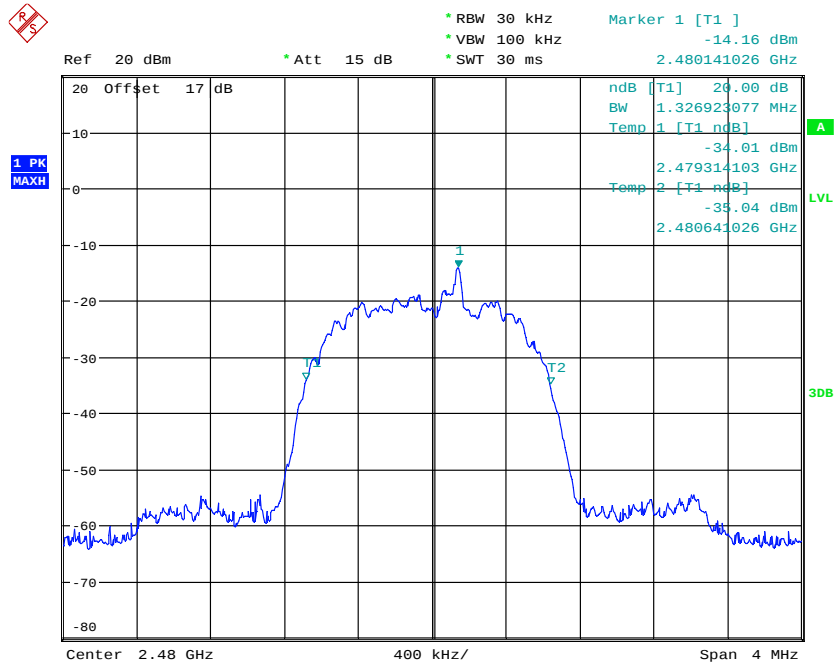


20DB BANDWIDTH CH0 EDR MODE
Date: 4.DEC.2021 17:19:03



20DB BANDWIDTH CH39 EDR MODE
Date: 4.DEC.2021 17:19:59

Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



20DB BANDWIDTH CH78 EDR MODE

Date: 4.DEC.2021 17:20:39

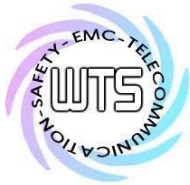
Limits:

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.



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FCC ID: 2ALIW-VP560S2

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.

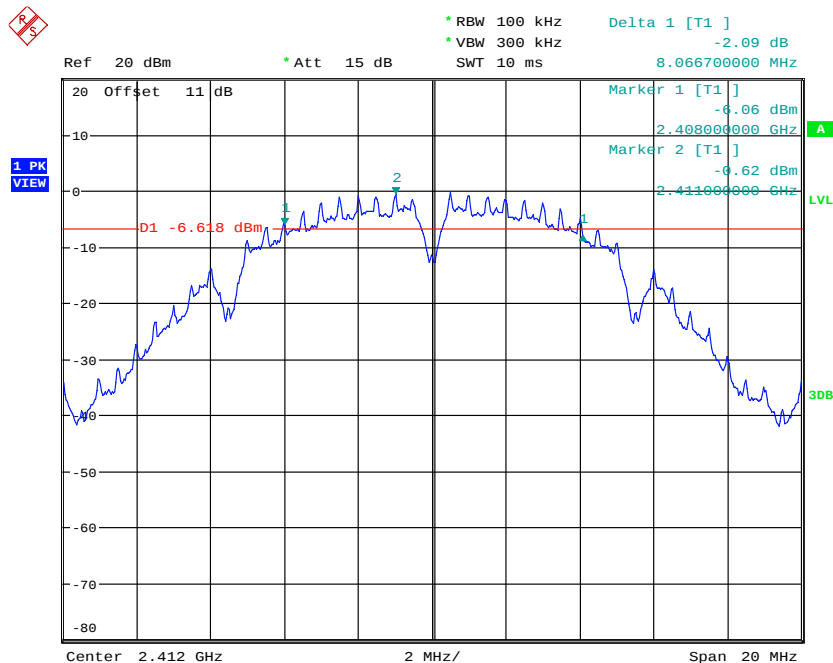
Test date: December 04, 2021-January 12, 2022

Temperature: 21.3 °C

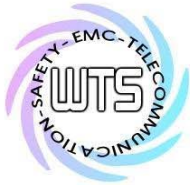
Humidity: 58.3 %

Tester: Rick

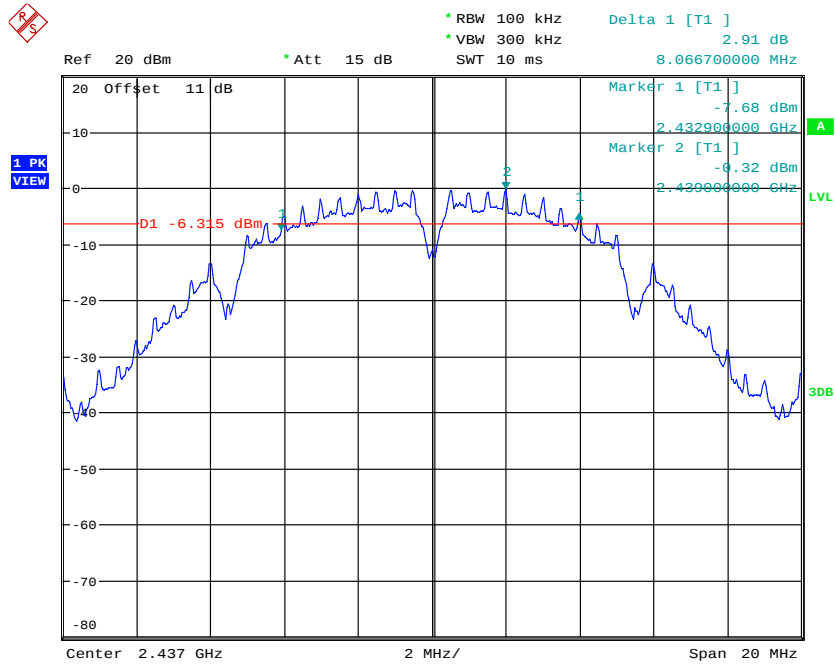
WLAN 802.11b



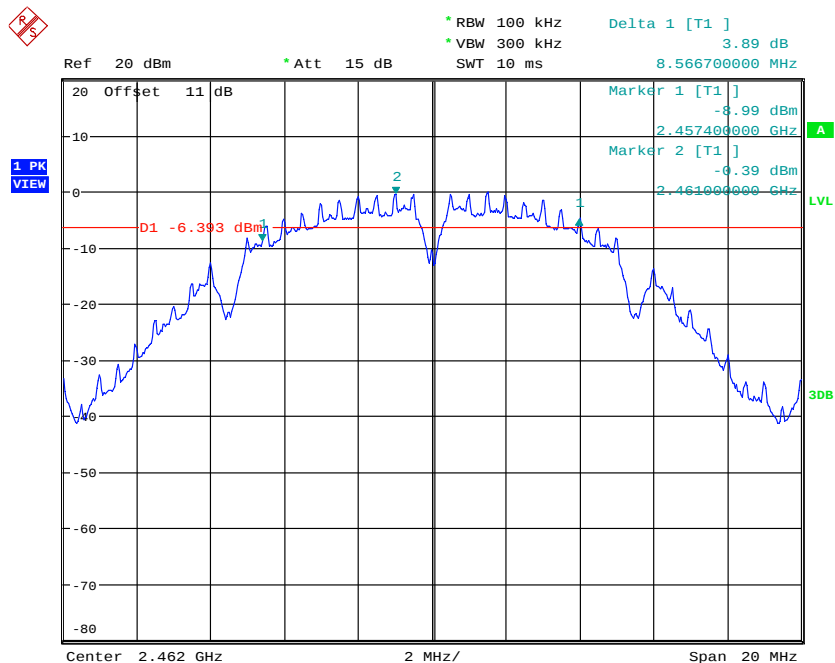
6DB BANDWIDTH 802.11B CH01
Date: 4.DEC.2021 15:46:07



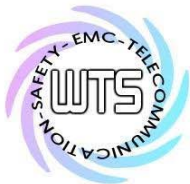
Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



6DB BANDWIDTH 802.11B CH06
Date: 4.DEC.2021 15:48:22



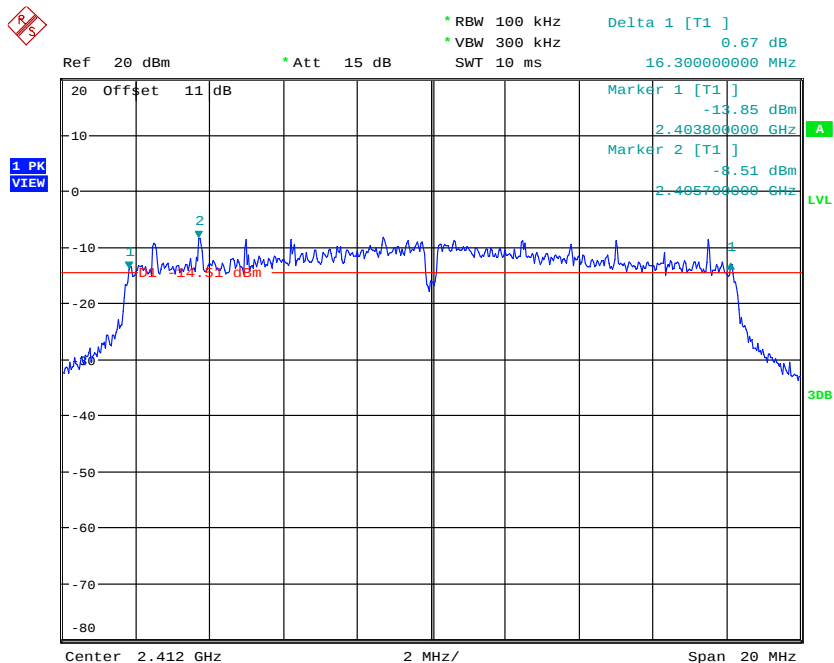
6DB BANDWIDTH 802.11B CH11
Date: 4.DEC.2021 15:49:44



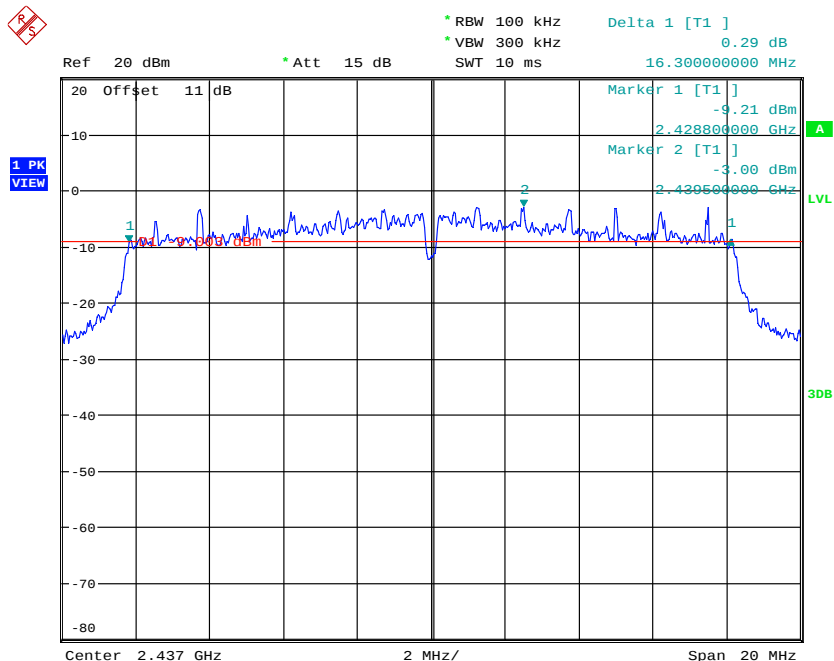
Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

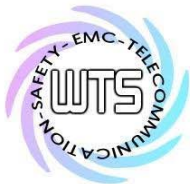
802.11g



6DB BANDWIDTH 802.11G CH01
Date: 12.JAN.2022 14:47:02

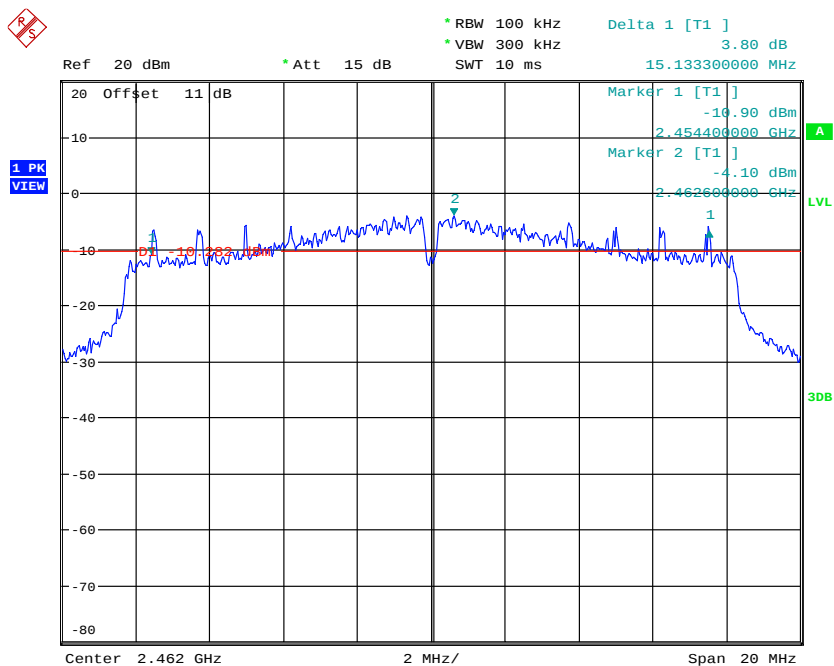


6DB BANDWIDTH 802.11G CH06
Date: 4.DEC.2021 15:56:15



Registration number: W6M22108-21141-C-1

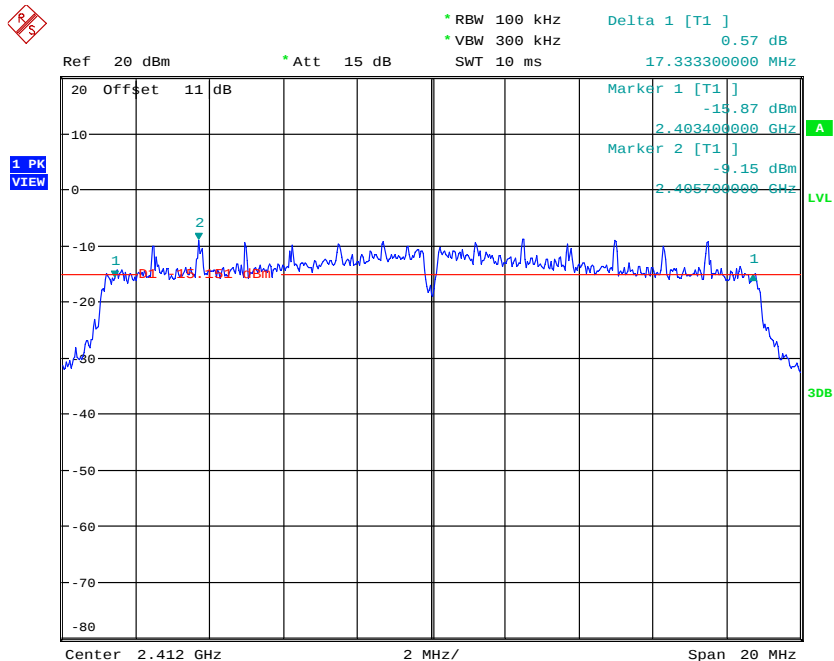
FCC ID: 2ALIW-VP560S2



6DB BANDWIDTH 802.11G CH11

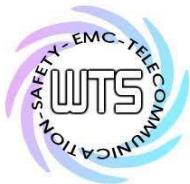
Date: 12.JAN.2022 14:48:34

802.11n 20MHz



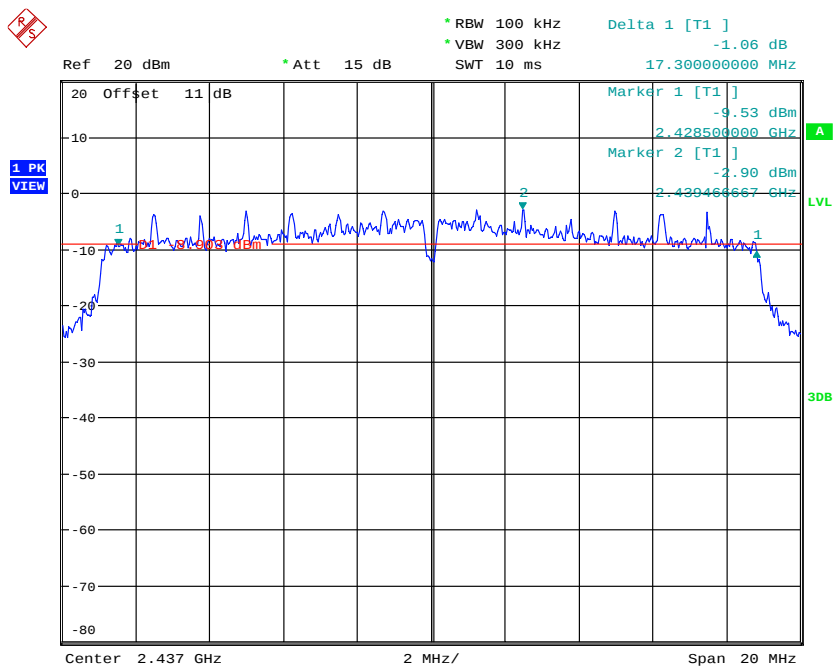
6DB BANDWIDTH 802.11N 20MHZ CH1

Date: 12.JAN.2022 14:51:33



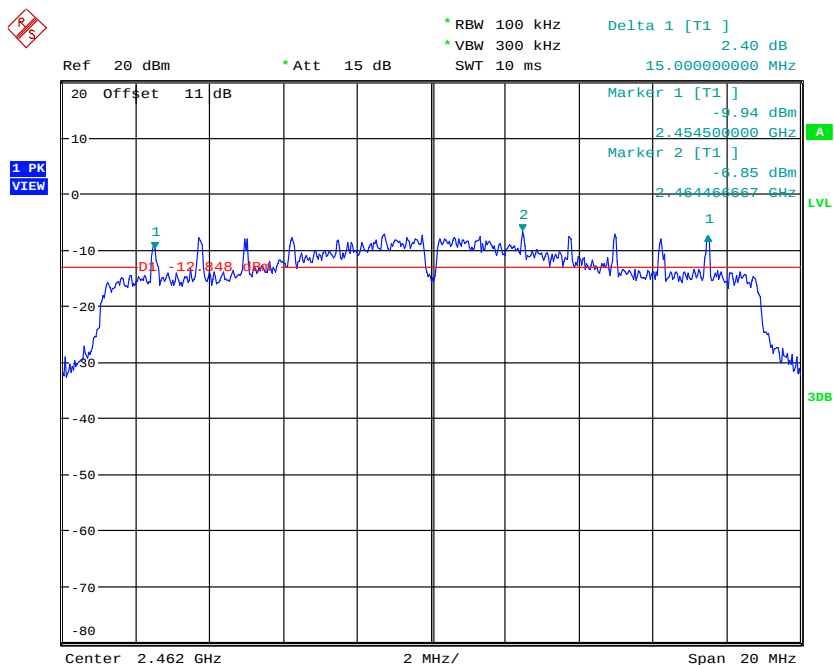
Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2



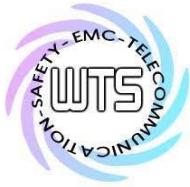
6DB BANDWIDTH 802.11N 20MHZ CH6

Date: 4.DEC.2021 16:14:42



6DB BANDWIDTH 802.11N 20MHZ CH11

Date: 12.JAN.2022 14:53:58

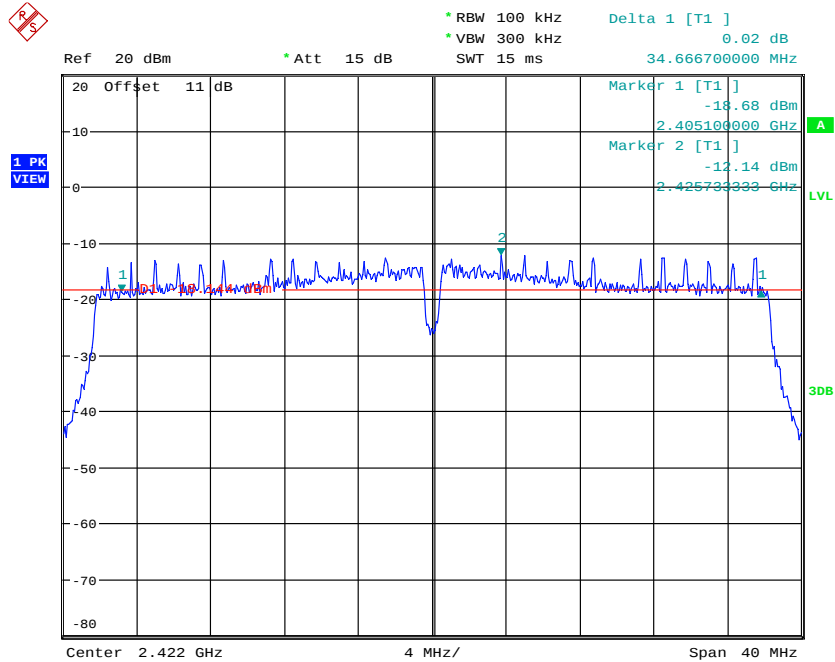


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Registration number: W6M22108-21141-C-1

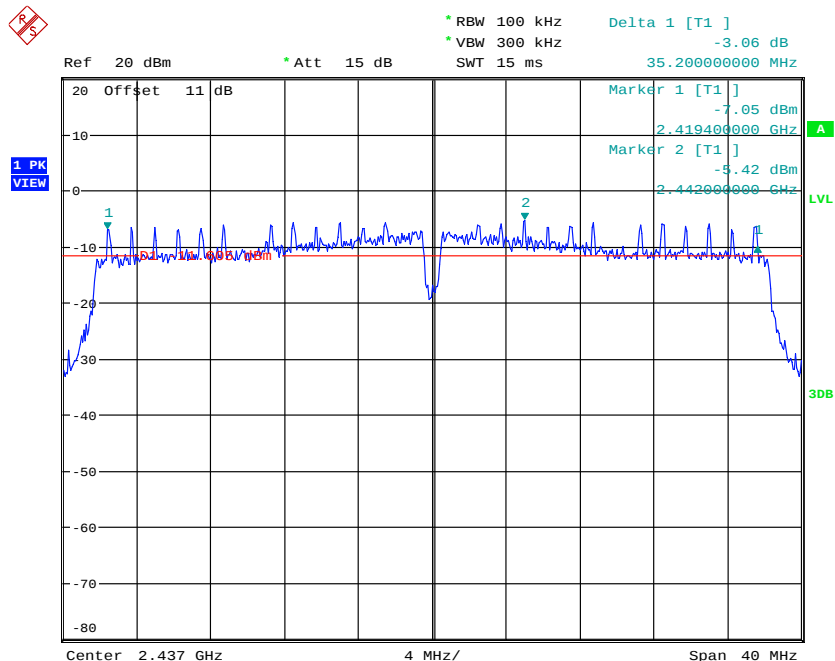
FCC ID: 2ALIW-VP560S2

802.11n 40MHz



6DB BANDWIDTH 802.11N 40MHZ CH1

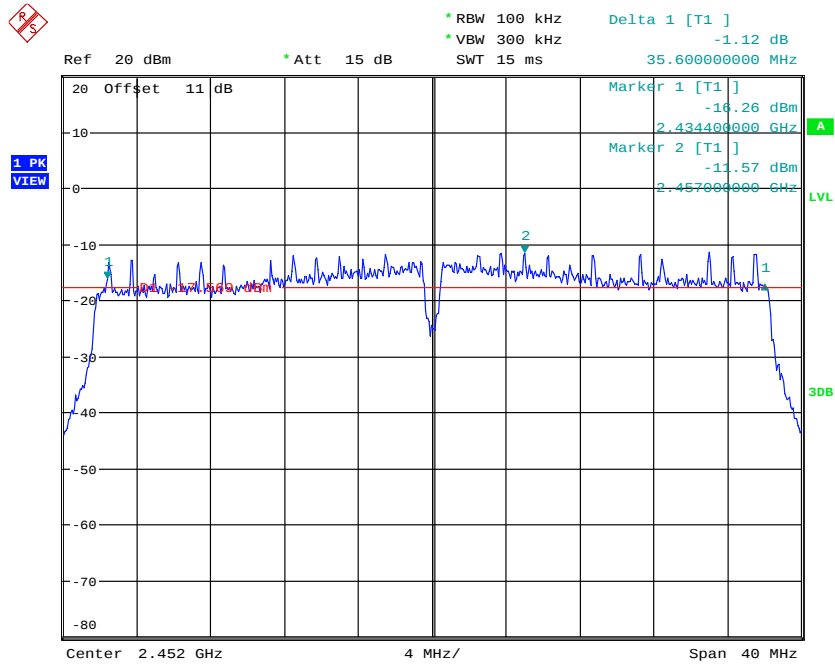
Date: 12.JAN.2022 14:56:44



6DB BANDWIDTH 802.11N 40MHZ CH4

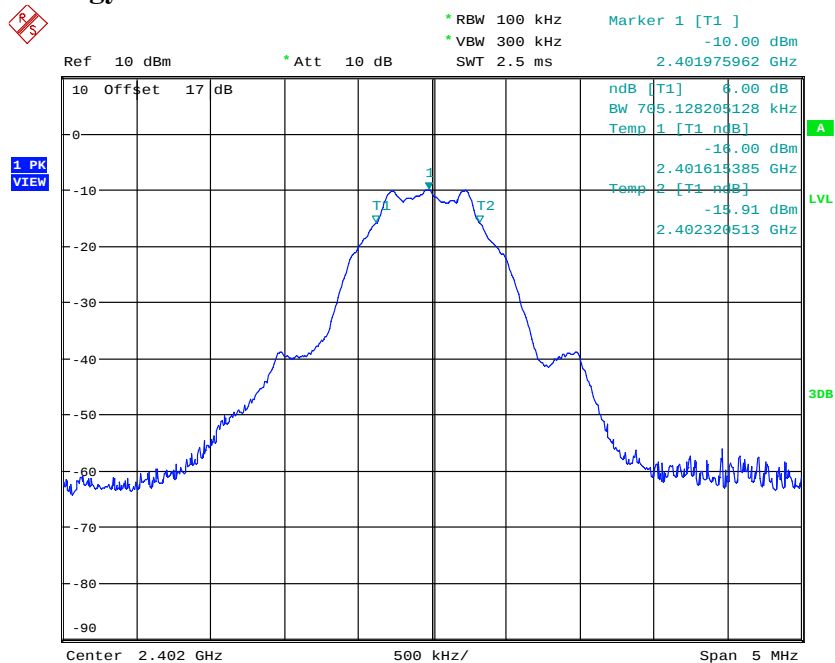
Date: 4.DEC.2021 16:17:57

Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

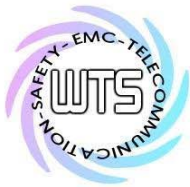


6DB BANDWIDTH 802.11N 40MHZ CH7
Date: 12.JAN.2022 14:57:34

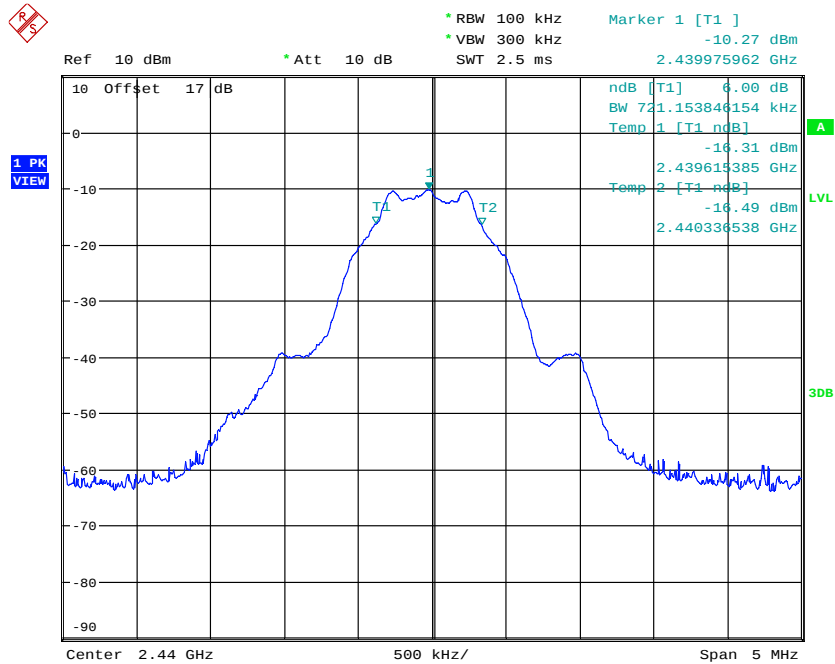
Bluetooth Low Energy mode



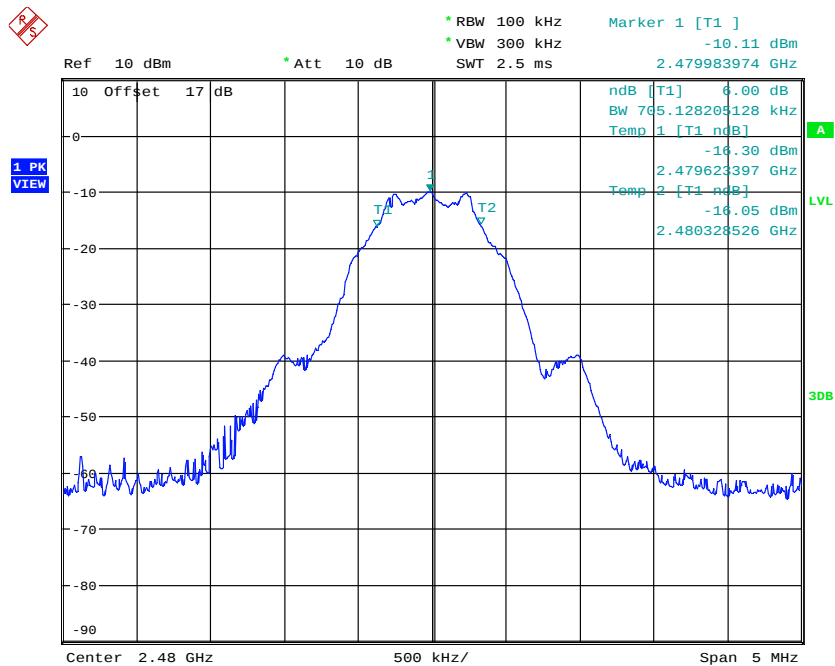
6DB BANDWIDTH BT4.0 CH00
Date: 4.DEC.2021 17:22:15



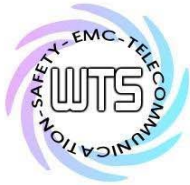
Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



6DB BANDWIDTH BT4.0 CH19
Date: 4.DEC.2021 17:23:19



6DB BANDWIDTH BT4.0 CH39
Date: 4.DEC.2021 17:24:05

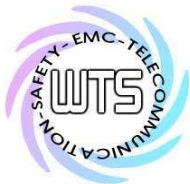


Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

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: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

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.

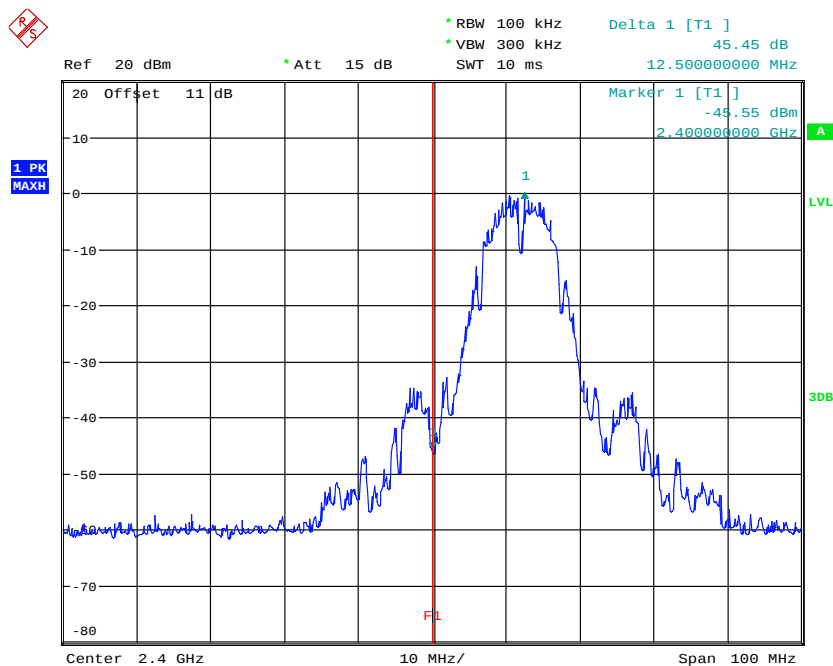
Test date: December 04, 2021-January 12, 2022

Temperature: 21.3 °C

Humidity: 58.3 %

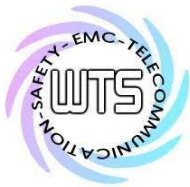
Tester: Rick

WLAN 802.11b

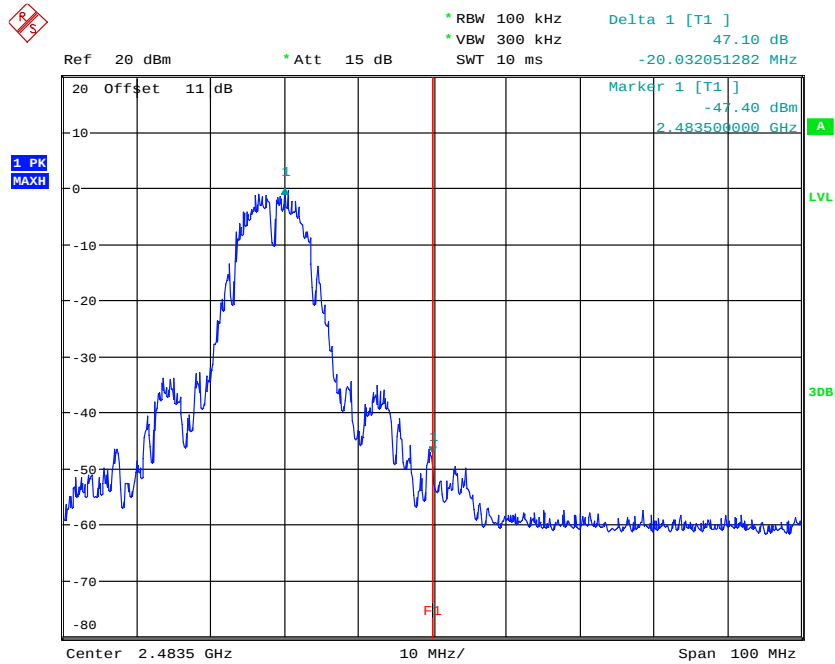


BANDEDGE 802.11B CH01

Date: 4.DEC.2021 15:46:19

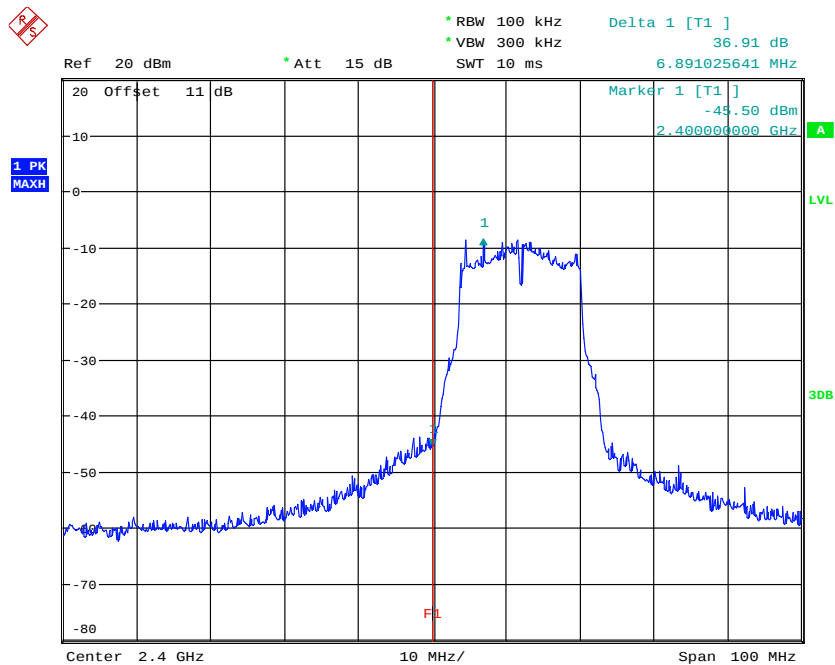


Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

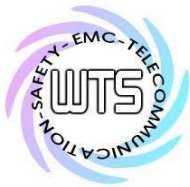


BANDEDGE 802.11B CH11
Date: 4.DEC.2021 15:49:56

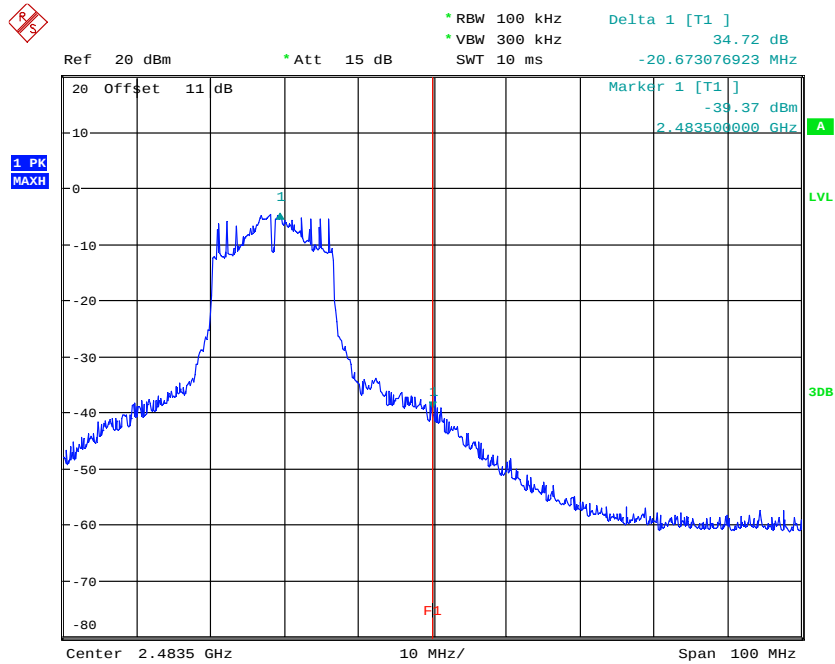
802.11g



BANDEDGE 802.11G CH01
Date: 12.JAN.2022 14:47:14

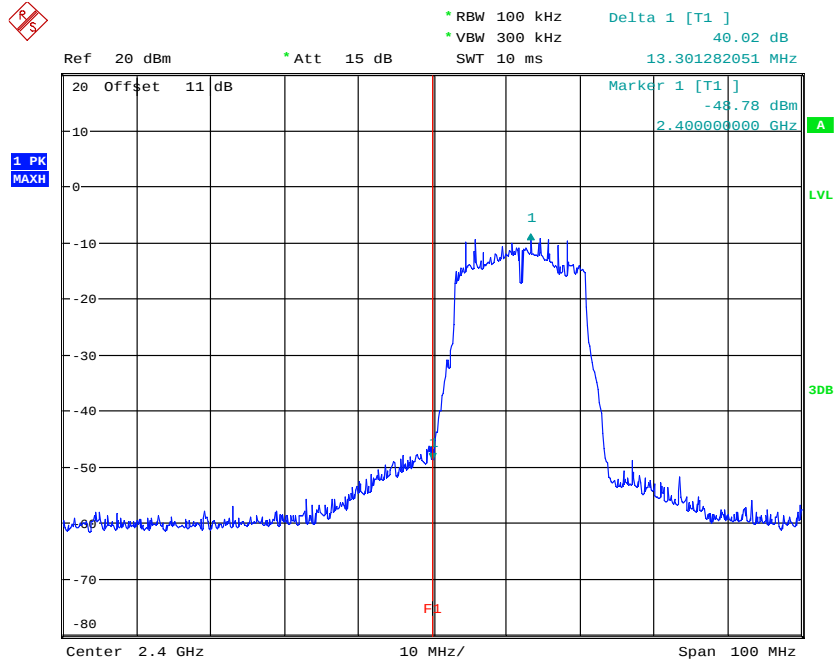


Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

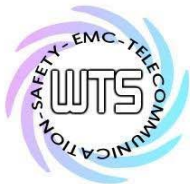


BANDEDGE 802.11G CH11
Date: 12.JAN.2022 14:48:46

802.11n 20MHz

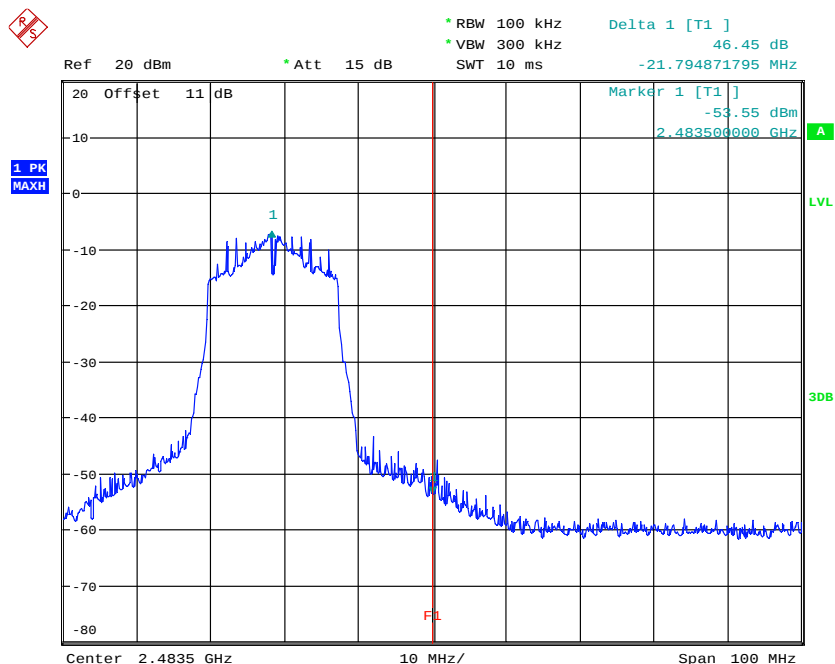


BANDEDGE 802.11N 20MHZ CH01
Date: 12.JAN.2022 14:51:45



Registration number: W6M22108-21141-C-1

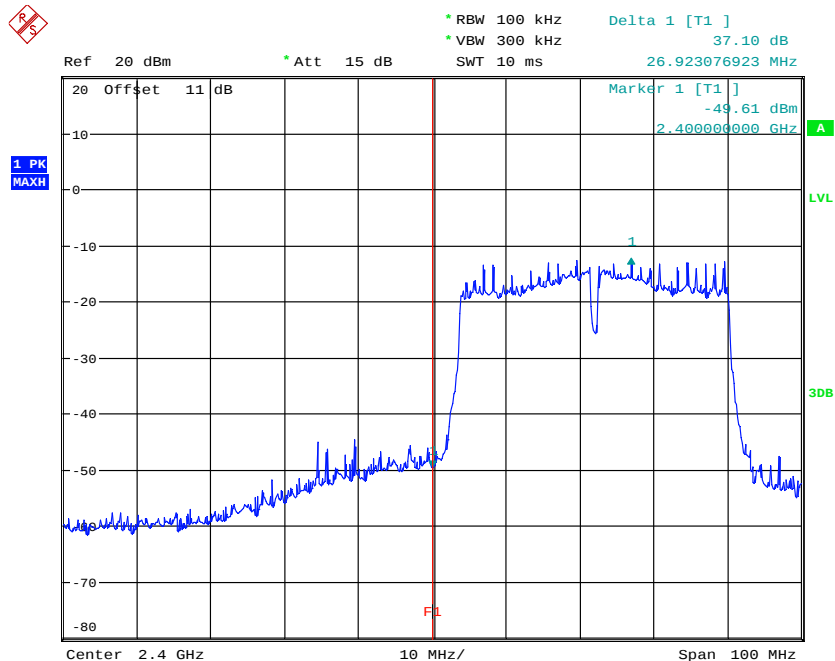
FCC ID: 2ALIW-VP560S2



BANDEDGE 802.11N 20MHZ CH11

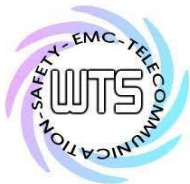
Date: 12.JAN.2022 14:54:10

802.11n 40MHz



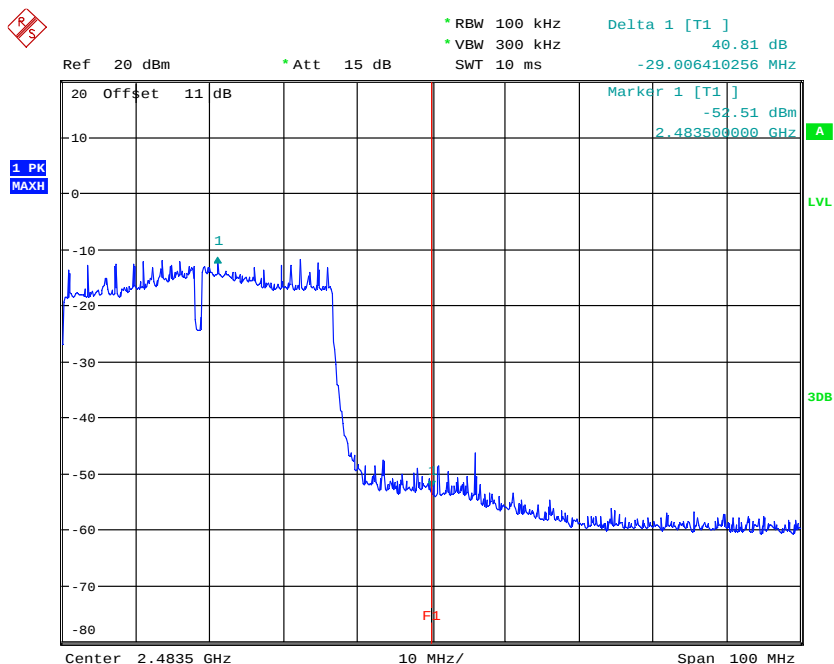
BANDEDGE 802.11N 40MHZ CH01

Date: 12.JAN.2022 14:57:03



Registration number: W6M22108-21141-C-1

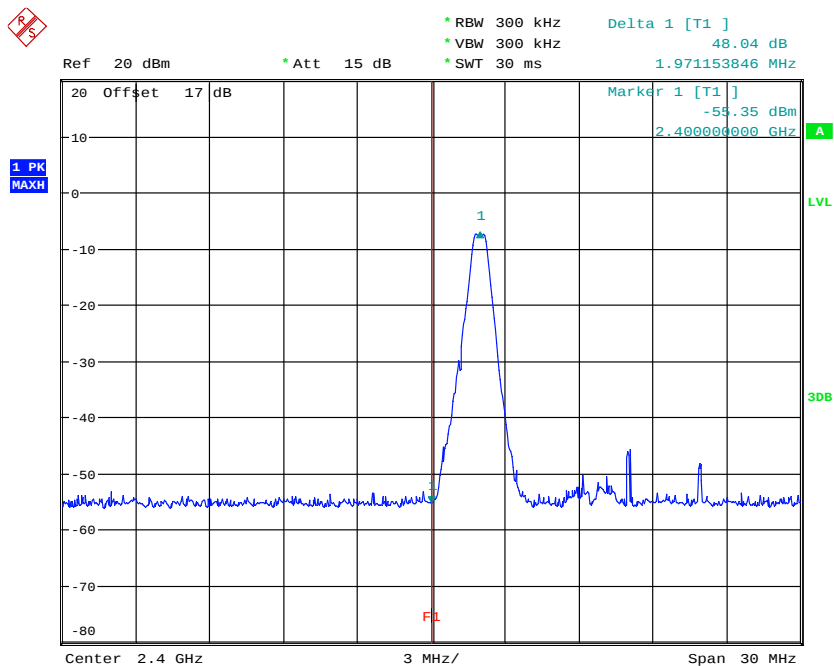
FCC ID: 2ALIW-VP560S2



BANDEDGE 802.11N 40MHZ CH07

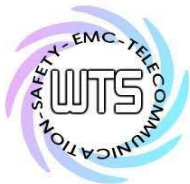
Date: 12.JAN.2022 14:57:53

Bluetooth Normal mode



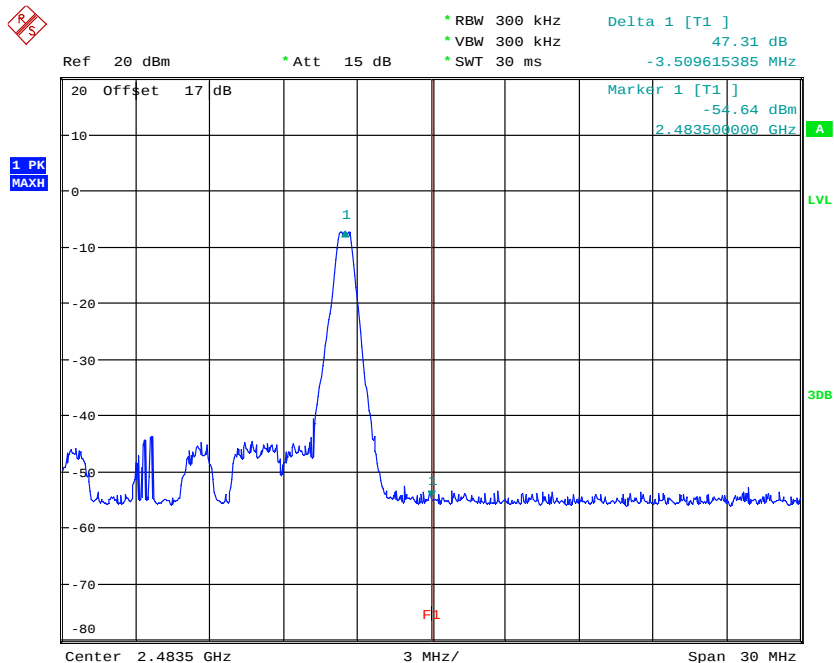
BANDEDGE CH0

Date: 4.DEC.2021 16:59:43

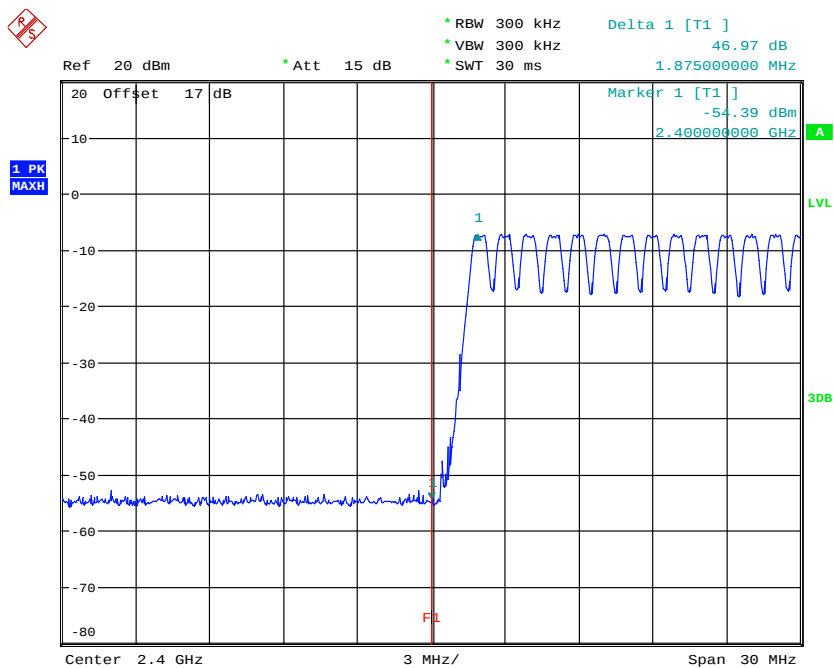


Registration number: W6M22108-21141-C-1

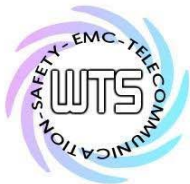
FCC ID: 2ALIW-VP560S2



BANDEDGE CH78
Date: 4.DEC.2021 17:01:27

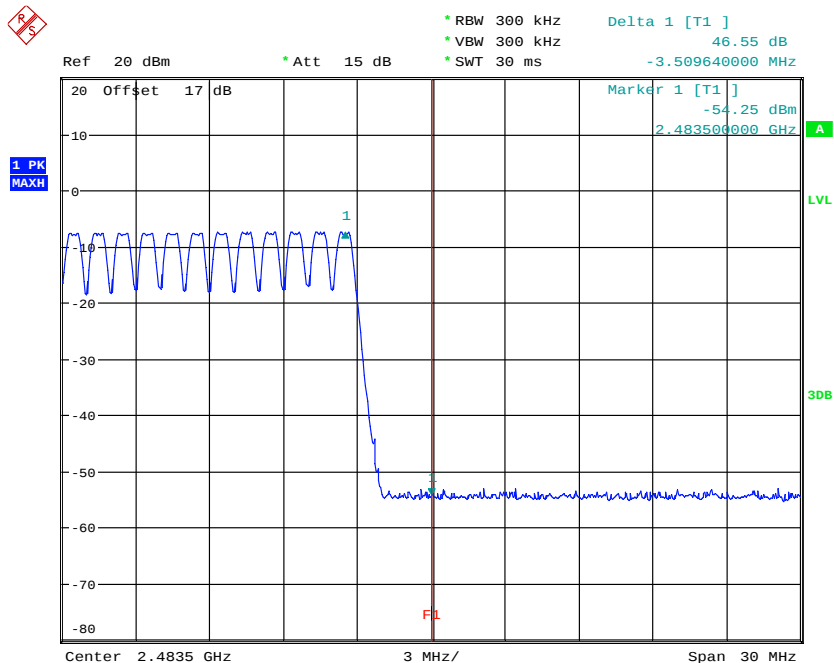


BANDEDGE CH0 HOPPING MODE
Date: 4.DEC.2021 17:03:08



Registration number: W6M22108-21141-C-1

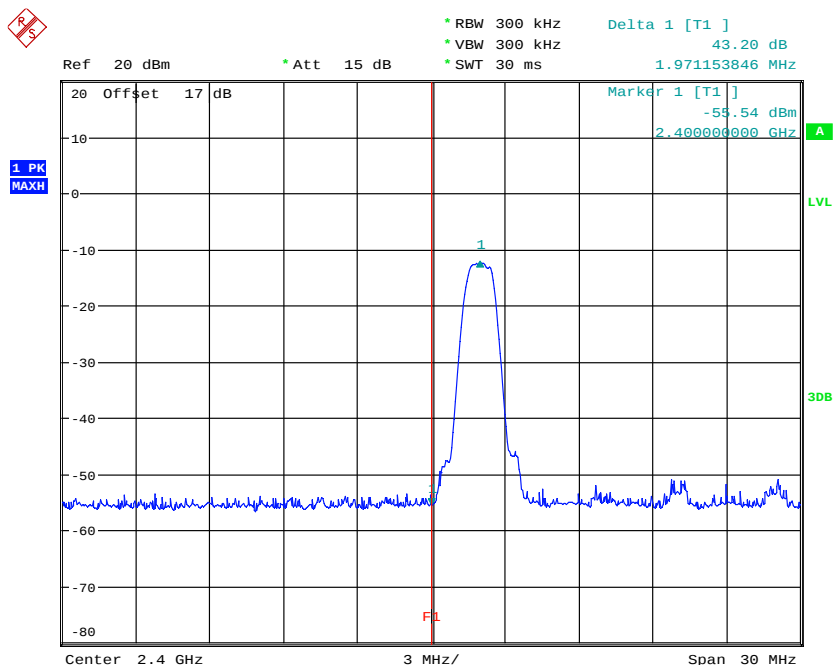
FCC ID: 2ALIW-VP560S2



BANDEDGE CH78 HOPPING MODE

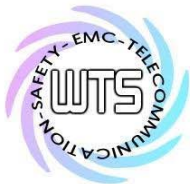
Date: 4.DEC.2021 17:03:48

EDR mode



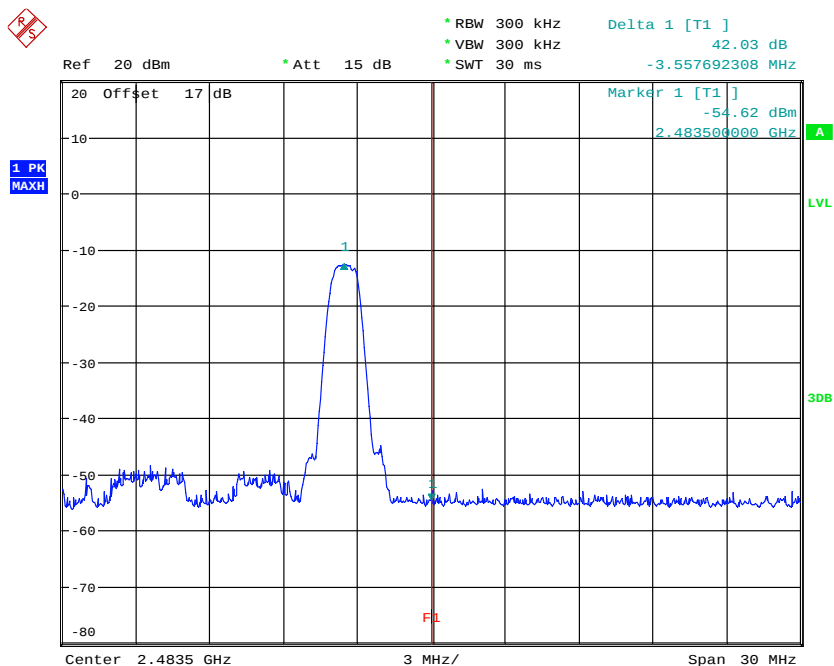
BANDEDGE CH9 EDR MODE

Date: 4.DEC.2021 17:19:11



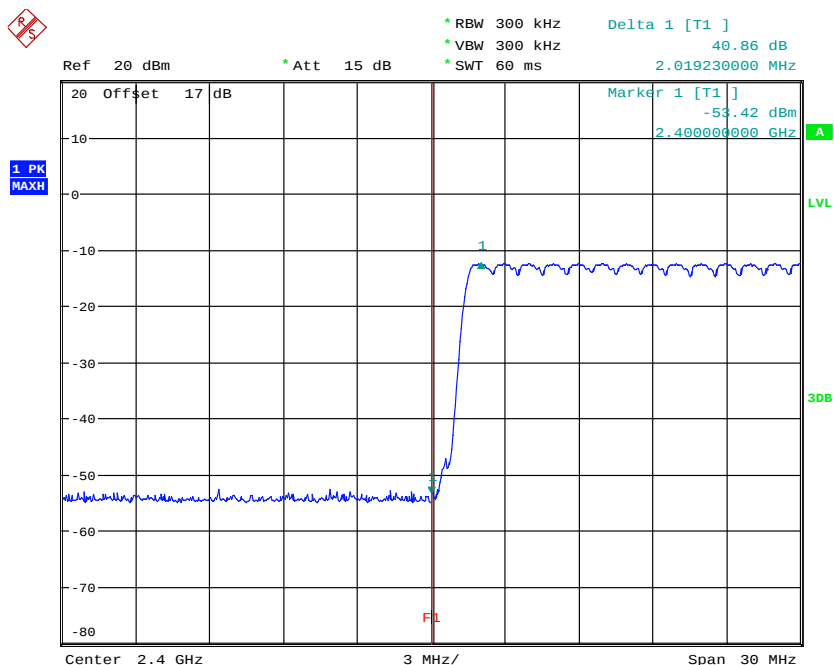
Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2



BANDEDGE CH78 EDR MODE

Date: 4.DEC.2021 17:20:51

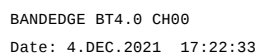
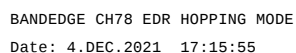


BANDEDGE CH0 EDR HOPPING MODE

Date: 4.DEC.2021 17:14:11

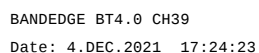


FCC ID: 2ALIW-VP560S2



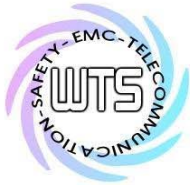


FCC ID: 2ALIW-VP560S2



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

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Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

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.

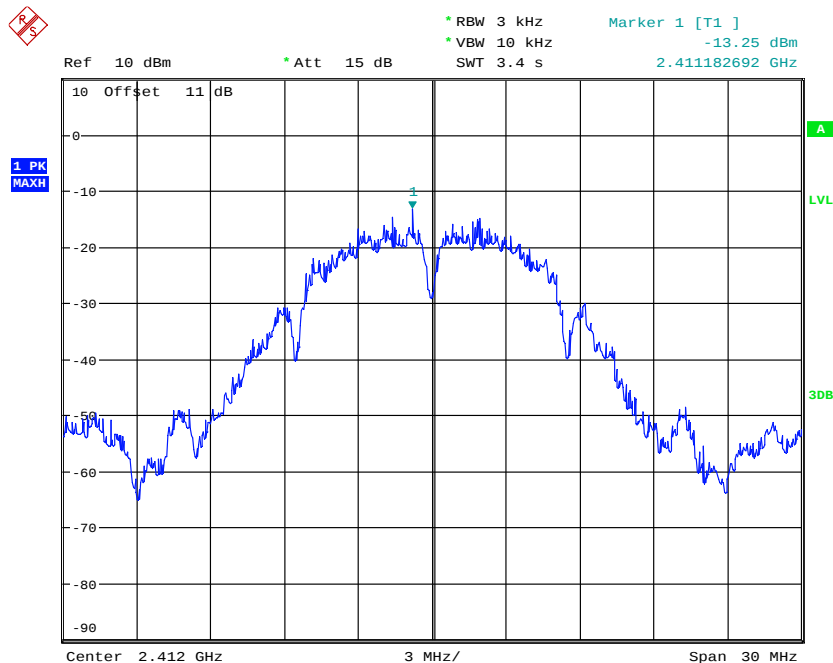
Test date: December 04, 2021-January 12, 2022

Temperature: 21.3 °C

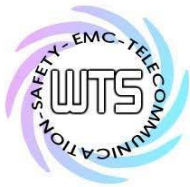
Humidity: 58.3 %

Tester: Rick

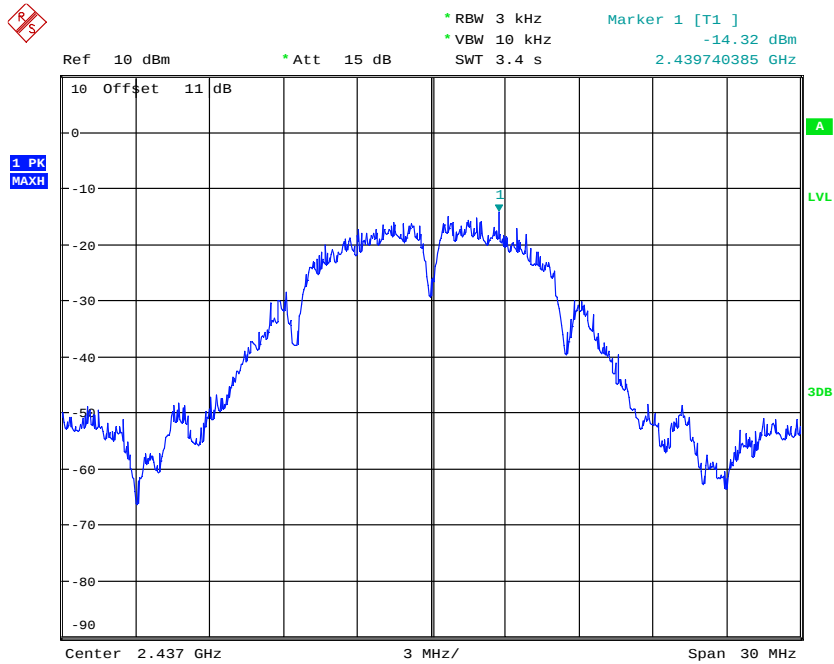
WLAN 802.11b



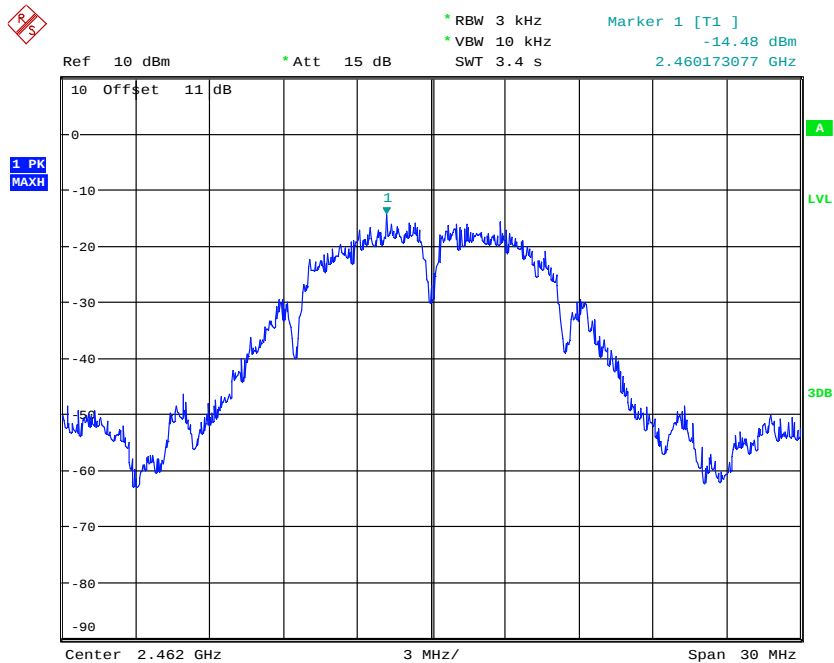
POWER DENSITY 802.11B CH01
Date: 4.DEC.2021 15:46:15



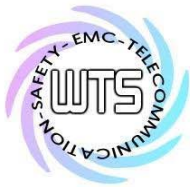
Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



POWER DENSITY 802.11B CH06
Date: 4.DEC.2021 15:48:30



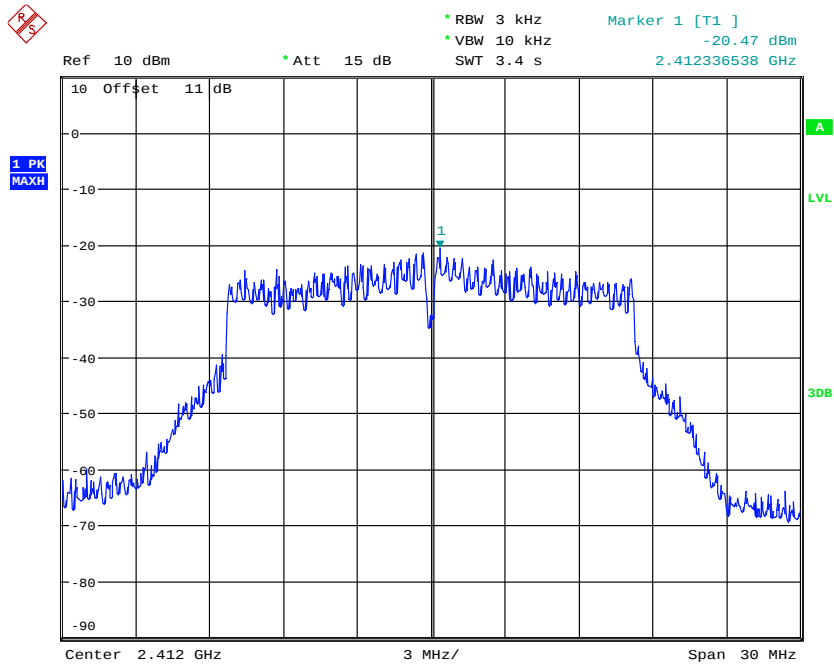
POWER DENSITY 802.11B CH11
Date: 4.DEC.2021 15:49:52



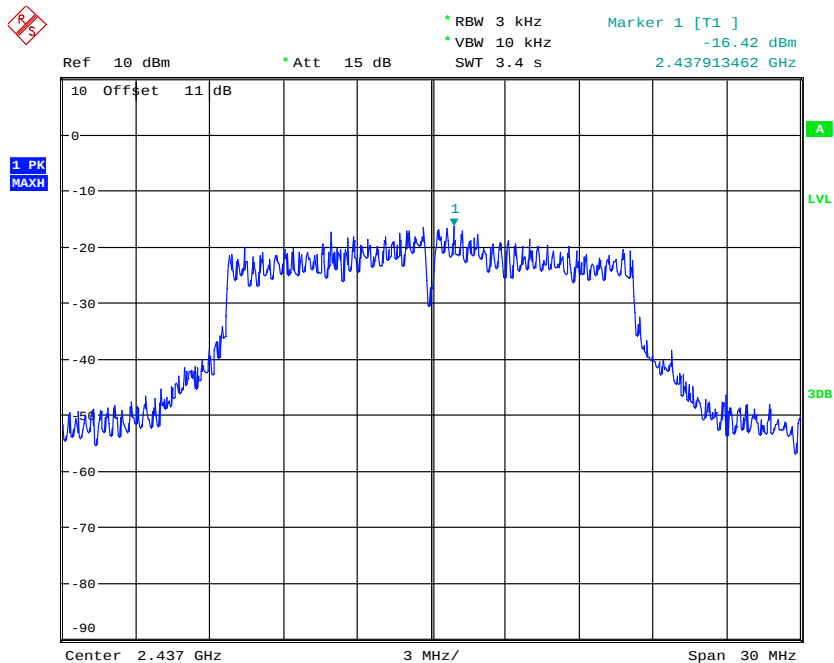
Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

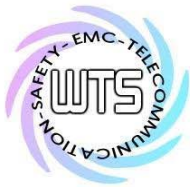
802.11g



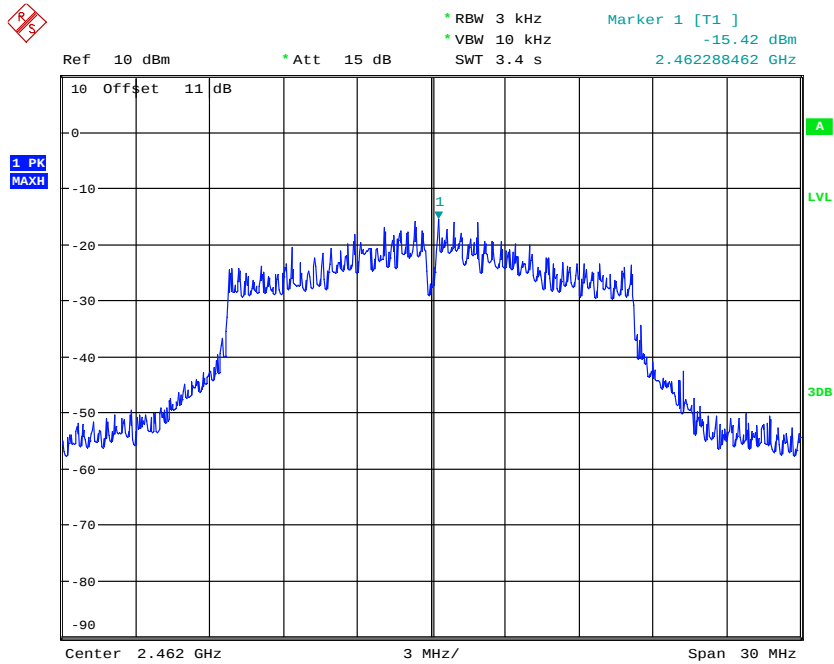
POWER DENSITY 802.11G CH01
Date: 12.JAN.2022 14:47:10



POWER DENSITY 802.11G CH06
Date: 4.DEC.2021 15:56:23

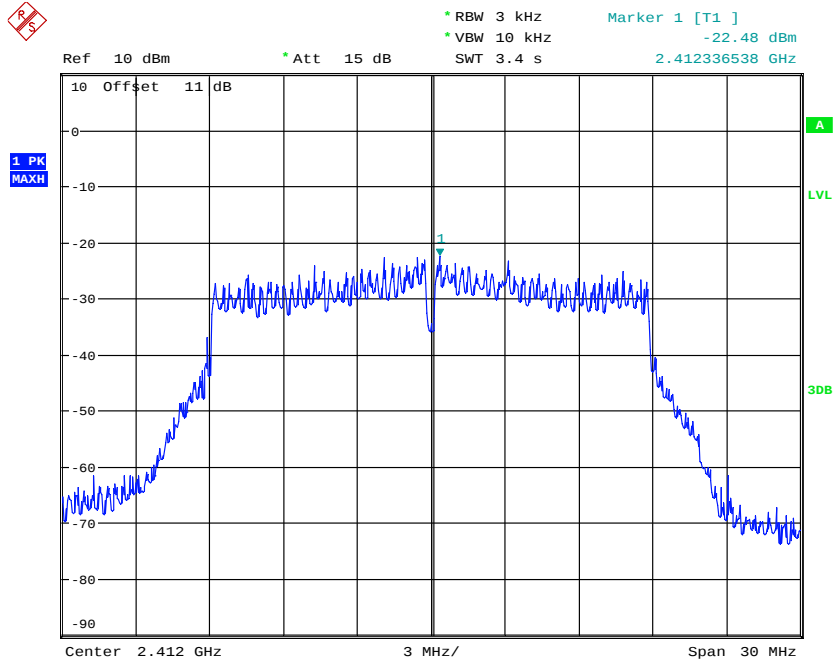


Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

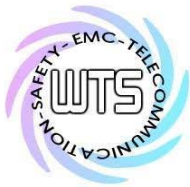


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Date: 12.JAN.2022 14:48:42

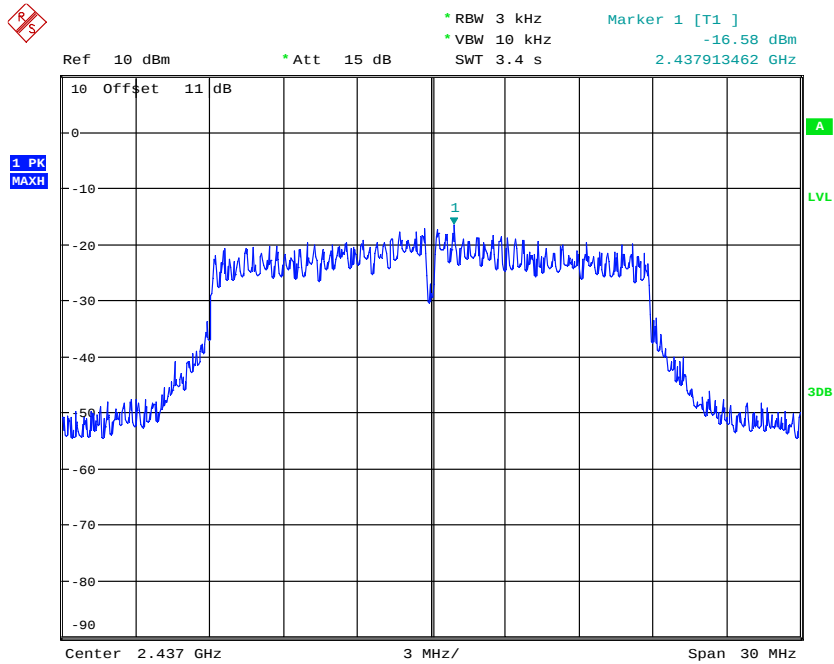
802.11n 20MHz



POWER DENSITY 802.11N 20MHZ CH1
Date: 12.JAN.2022 14:51:41

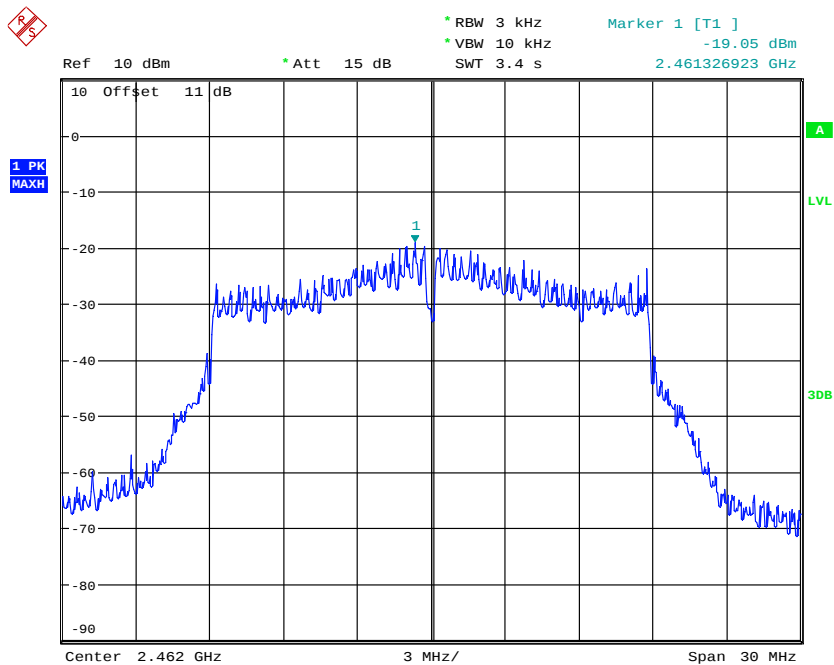


Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



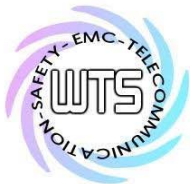
POWER DENSITY 802.11N 20MHZ CH6

Date: 4.DEC.2021 16:14:50



POWER DENSITY 802.11N 20MHZ CH11

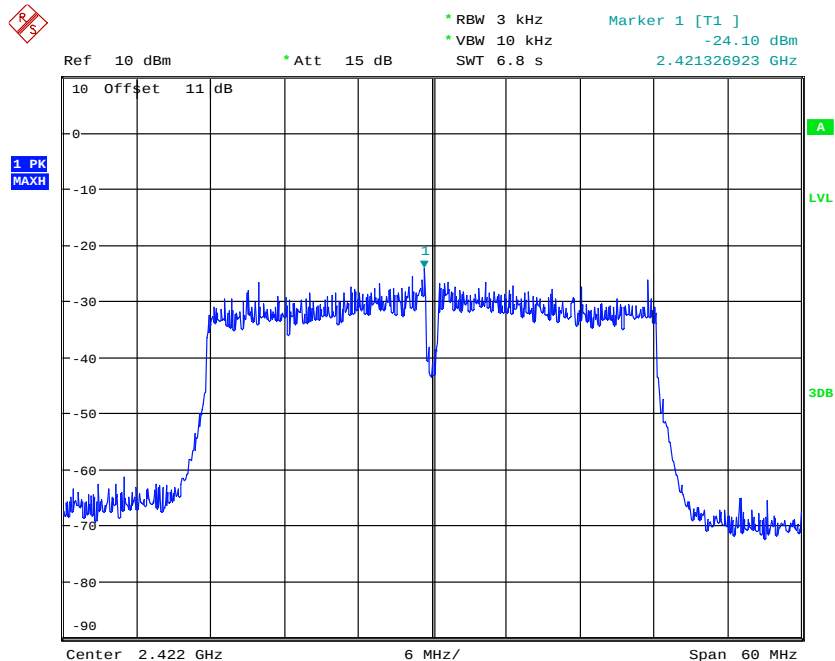
Date: 12.JAN.2022 14:54:06



Registration number: W6M22108-21141-C-1

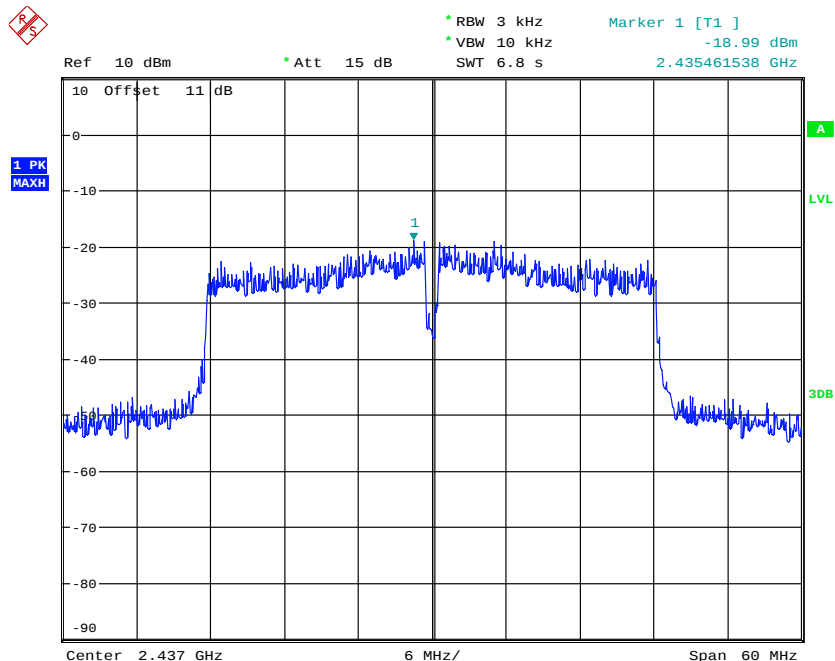
FCC ID: 2ALIW-VP560S2

802.11n 40MHz



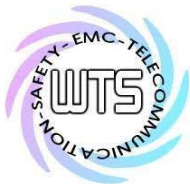
POWER DENSITY 802.11N 40MHZ CH1

Date: 12.JAN.2022 14:56:59



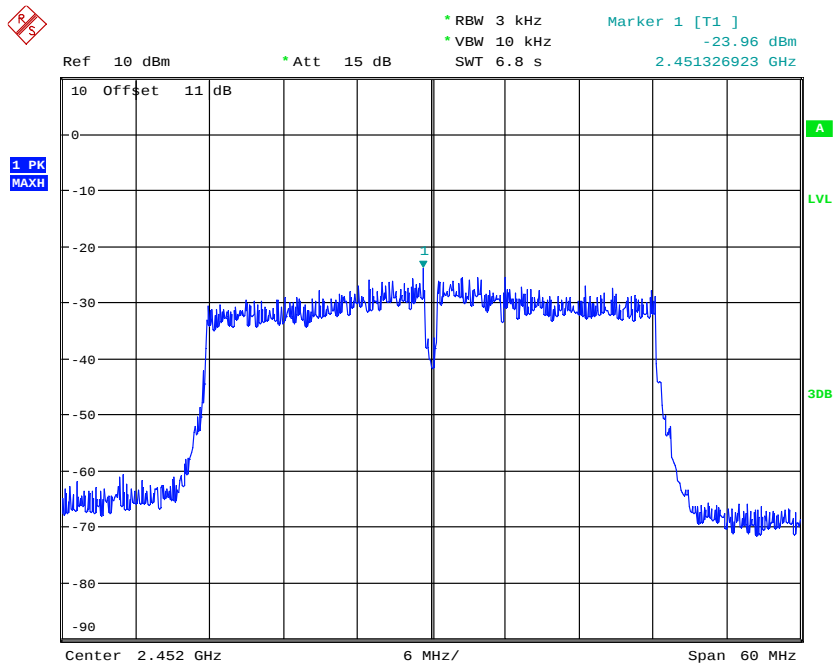
POWER DENSITY 802.11N 40MHZ CH4

Date: 4.DEC.2021 16:18:12



Registration number: W6M22108-21141-C-1

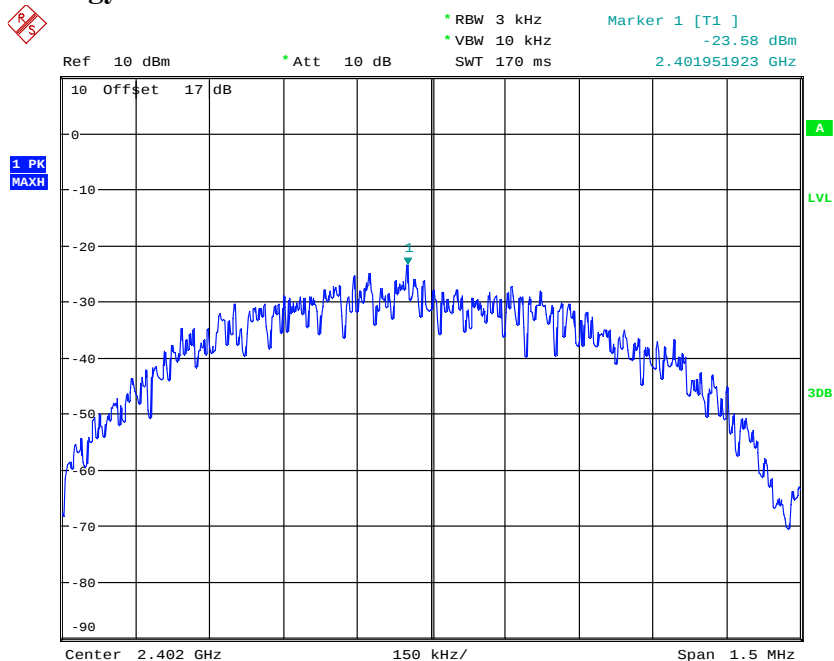
FCC ID: 2ALIW-VP560S2



POWER DENSITY 802.11N 40MHZ CH7

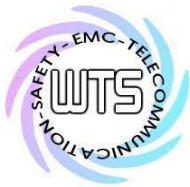
Date: 12.JAN.2022 14:57:49

Bluetooth Low Energy mode

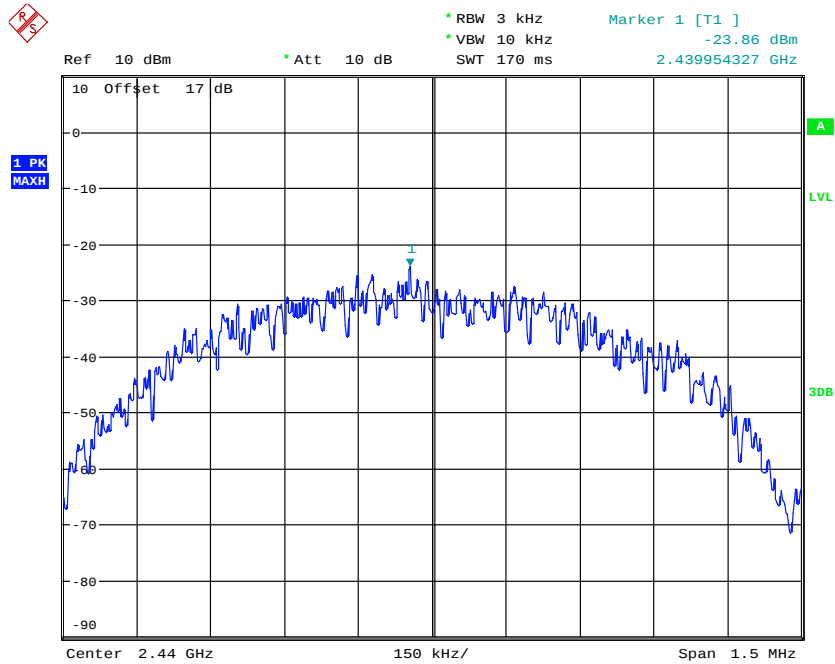


POWER DENSITY BT4.0 CH00

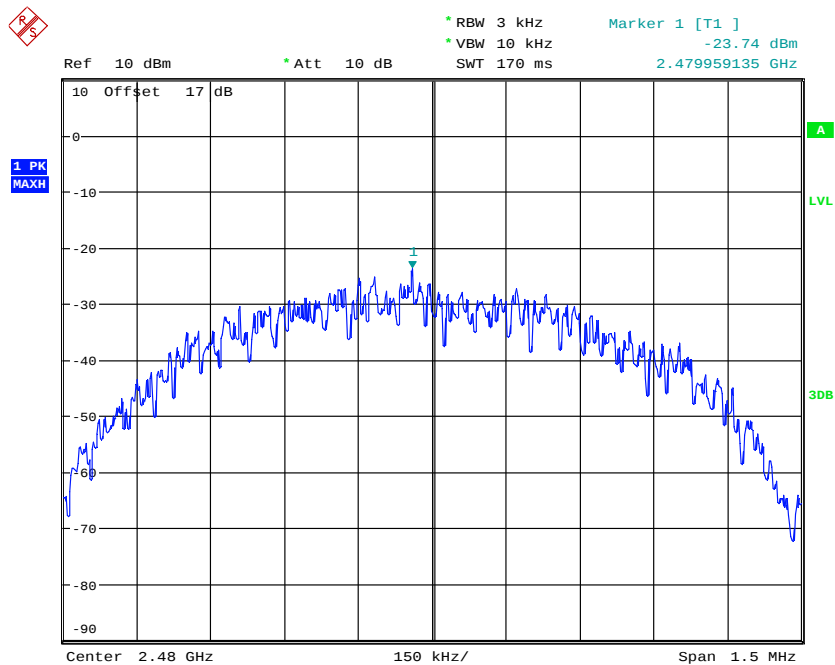
Date: 4.DEC.2021 17:22:25



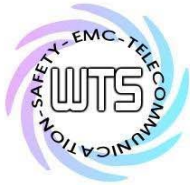
Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2



POWER DENSITY BT4.0 CH19
Date: 4.DEC.2021 17:23:29



POWER DENSITY BT4.0 CH39
Date: 4.DEC.2021 17:24:15

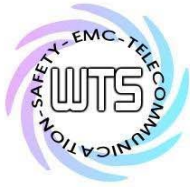


Registration number: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

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: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

3.12 Radiated Emission from Digital Part

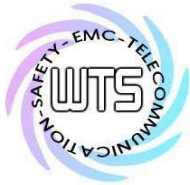
FCC Rule: 15.109

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

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

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

Explanation: Please refer to separated test report no.: W6M22108-21141-P-15B.



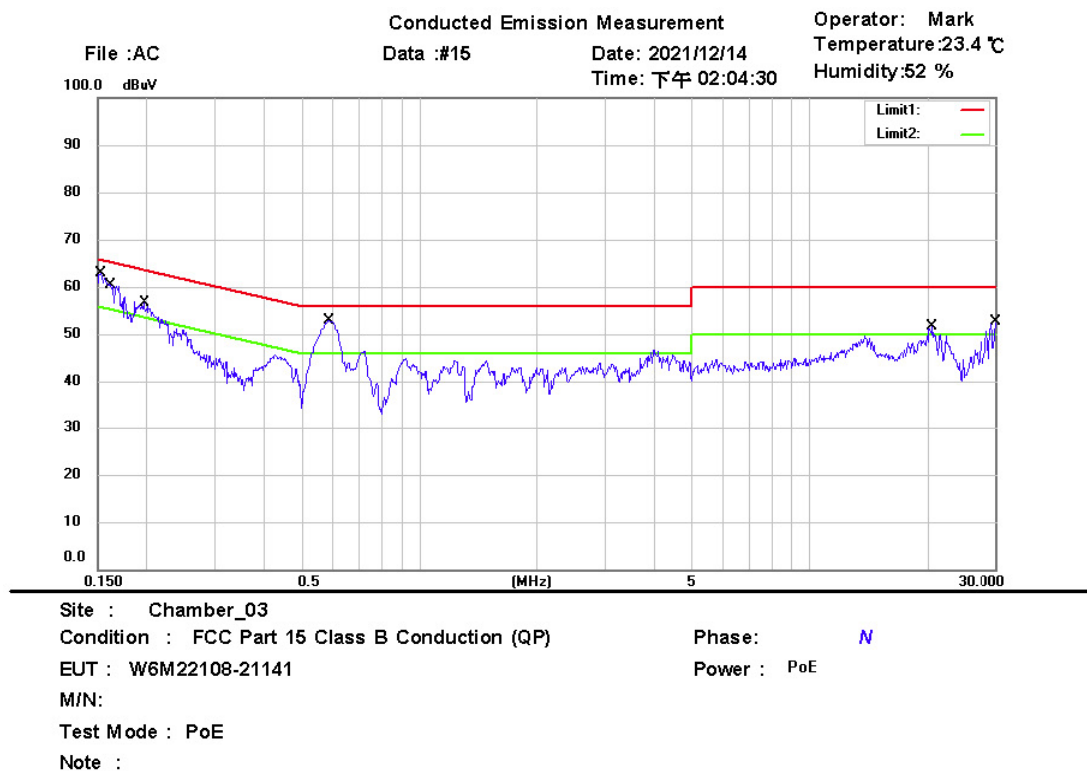
Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2

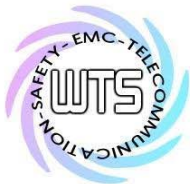
3.13 Power Line Conducted Emission

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.



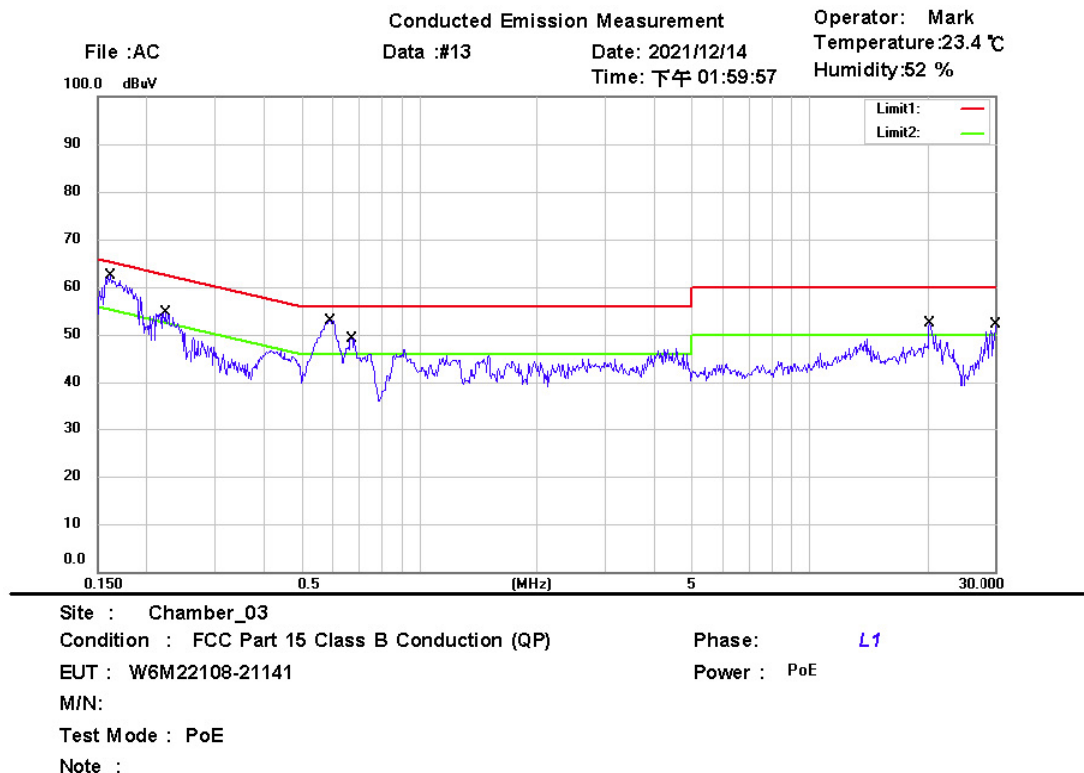
Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1522	49.43	QP	9.61	59.04	65.88	-6.84	
	0.1522	36.61	AVG	9.61	46.22	55.88	-9.66	
	0.1631	46.03	QP	9.61	55.64	65.30	-9.66	
	0.1631	25.17	AVG	9.61	34.78	55.30	-20.52	
	0.1966	42.19	QP	9.61	51.80	63.75	-11.95	
	0.1966	26.26	AVG	9.61	35.87	53.75	-17.88	
	0.5855	40.77	QP	9.52	50.29	56.00	-5.71	
	0.5855	28.36	AVG	9.52	37.88	46.00	-8.12	
	20.5500	38.02	QP	10.30	48.32	60.00	-11.68	
	20.5500	32.83	AVG	10.30	43.13	50.00	-6.87	
	30.0000	39.08	QP	10.51	49.59	60.00	-10.41	
*	30.0000	34.81	AVG	10.51	45.32	50.00	-4.68	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22108-21141-C-1

FCC ID: 2ALIW-VP560S2



Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1612	48.81	QP	9.62	58.43	65.40	-6.97	
	0.1612	32.46	AVG	9.62	42.08	55.40	-13.32	
	0.2237	36.07	QP	9.60	45.67	62.68	-17.01	
	0.2237	22.12	AVG	9.60	31.72	52.68	-20.96	
	0.5900	40.31	QP	9.53	49.84	56.00	-6.16	
	0.5900	30.37	AVG	9.53	39.90	46.00	-6.10	
	0.6710	34.24	QP	9.56	43.80	56.00	-12.20	
	0.6710	22.84	AVG	9.56	32.40	46.00	-13.60	
	20.2500	38.44	QP	10.11	48.55	60.00	-11.45	
	20.2500	31.37	AVG	10.11	41.48	50.00	-8.52	
	30.0000	38.78	QP	10.19	48.97	60.00	-11.03	
*	30.0000	34.55	AVG	10.19	44.74	50.00	-5.26	

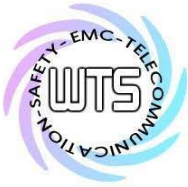
Note:

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.

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: W6M22108-21141-C-1
FCC ID: 2ALIW-VP560S2

Appendix

Measurement diagrams

Spurious Emissions radiated



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: Allen

File : 1_WiFi 2

Data : #1

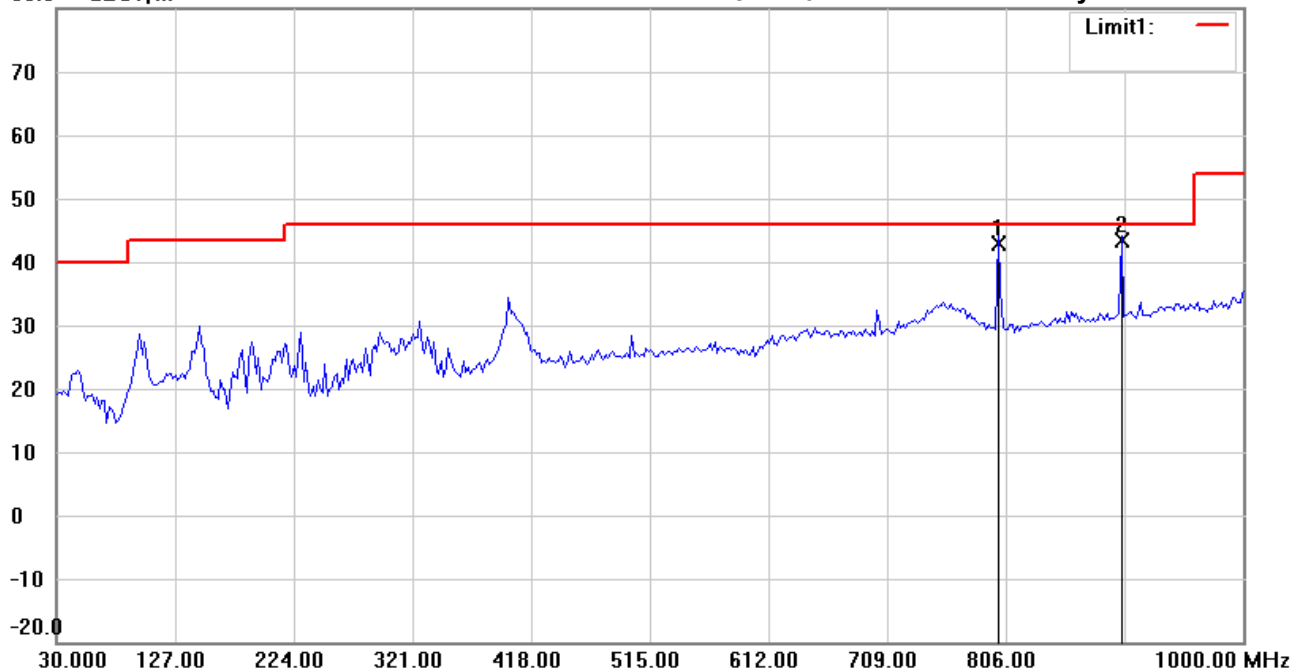
Date: 12/11/2021

Temperature: 23.5 °C

80.0 dBuV/m

Time: 7:20:42 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M22108-21141

Power : PoE

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
	799.7796	40.78	QP	2.08	42.86	46.00	120	165	-3.14	
*	900.8617	38.76	QP	4.55	43.31	46.00	103	320	-2.69	



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: Allen

File : 1_WiFi 2

Data : #2

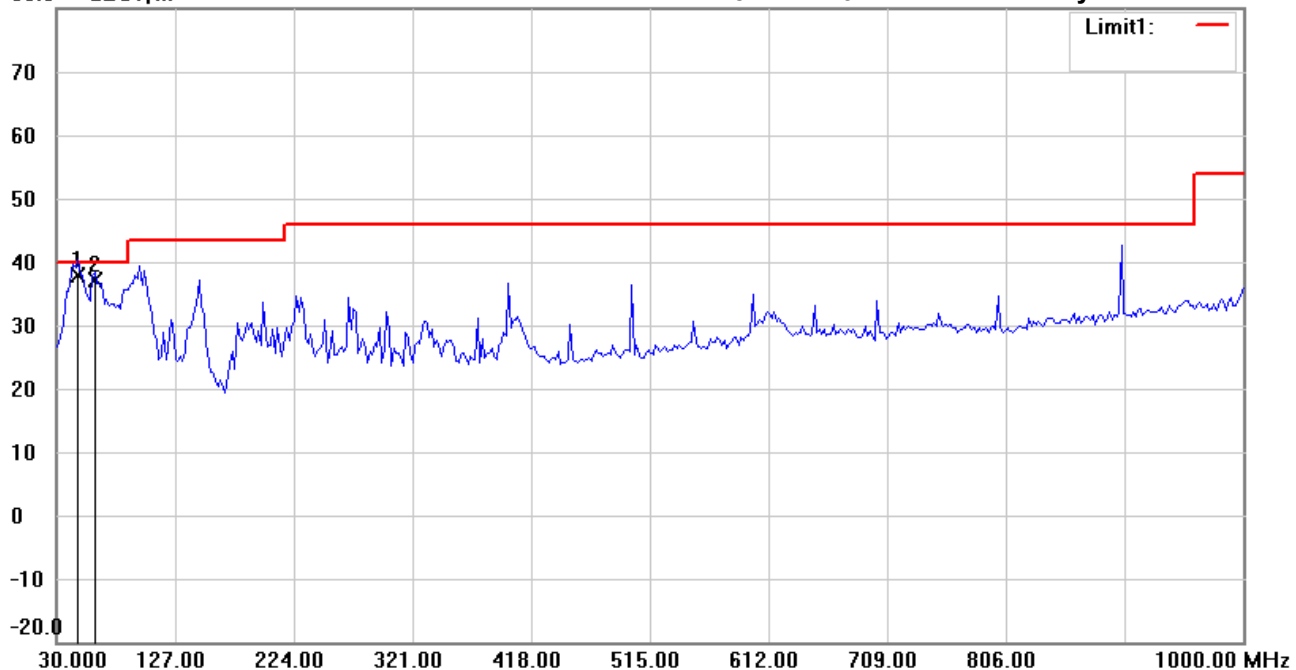
Date: 12/11/2021

Temperature: 23.5 °C

80.0 dBuV/m

Time: 7:21:43 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	47.28	QP	-9.46	37.82	40.00	100	135	-2.18	
	61.1022	48.95	QP	-11.72	37.23	40.00	105	152	-2.77	

*: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: Allen

File : 3

Data : #1

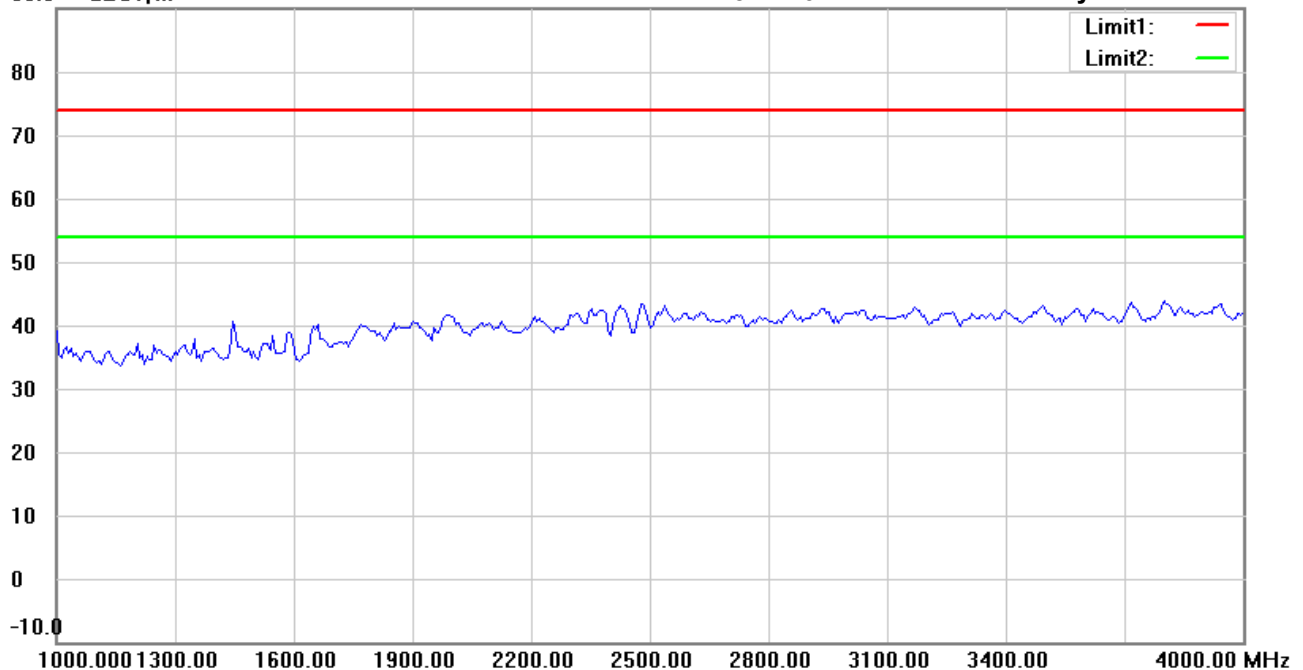
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 12:32:12 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

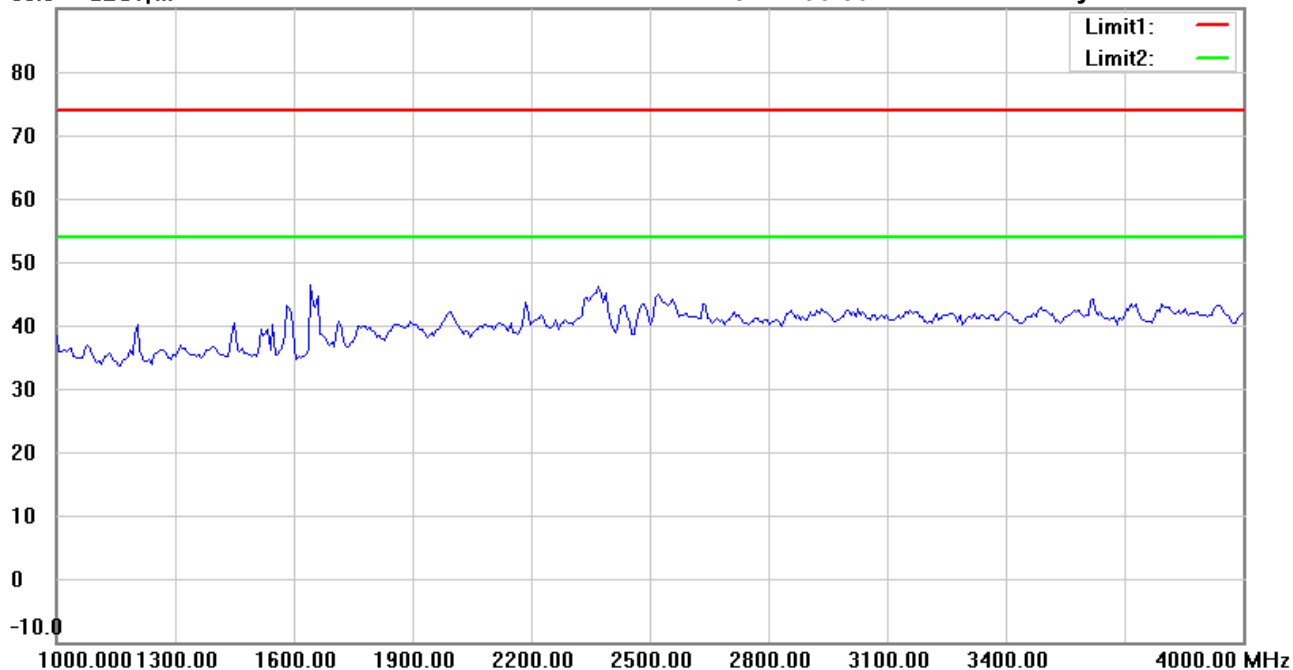
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 12:36:30 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #2

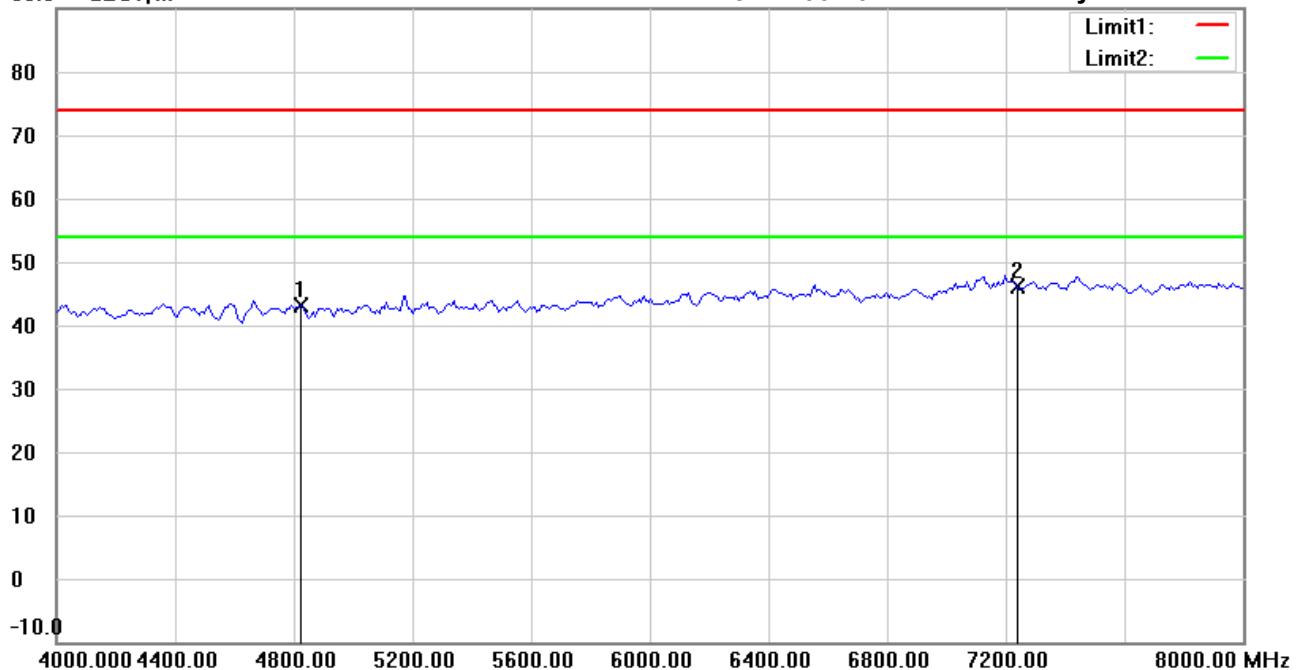
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 12:33:13 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.445	41.57	peak	1.46	43.03	74.00	150	300	-30.97	
*	7236.182	40.18	peak	5.93	46.11	74.00	150	266	-27.89	

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



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

Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

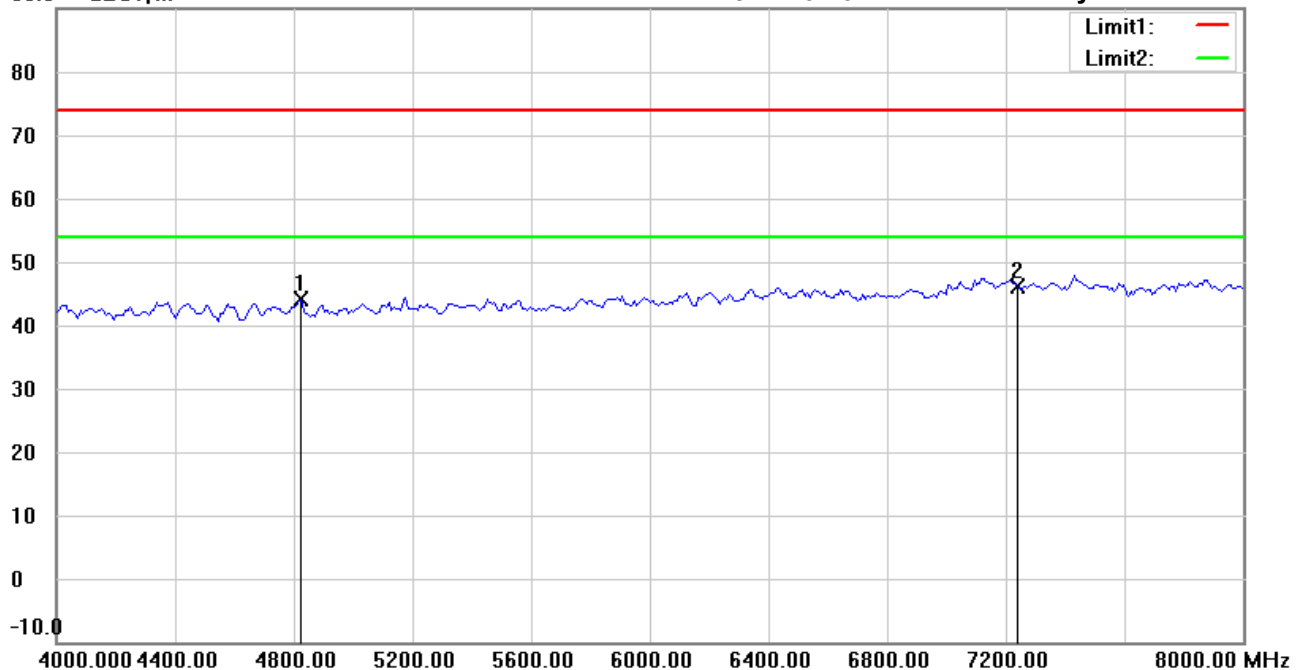
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 12:37:31 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.119	42.64	peak	1.46	44.10	74.00	150	148	-29.90	
*	7236.527	40.25	peak	5.93	46.18	74.00	150	325	-27.82	

*: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: Allen

File :3

Data :#3

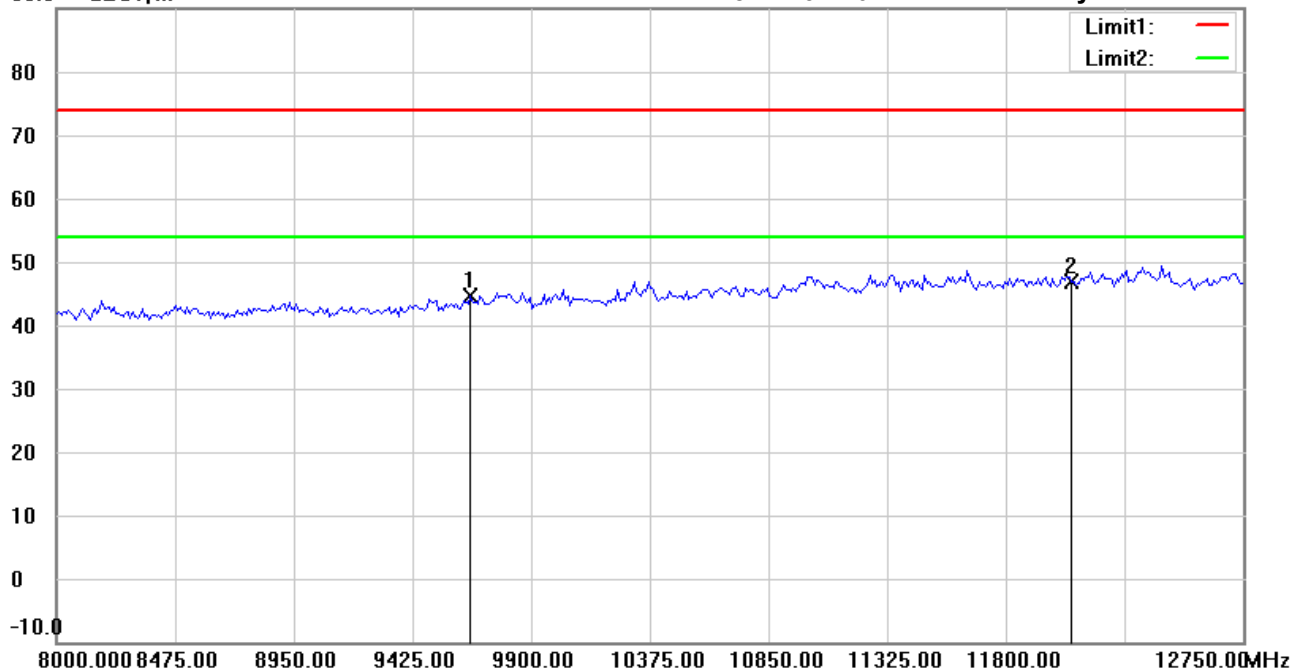
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 12:34:20 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.048	35.69	peak	8.94	44.63	74.00	150	210	-29.37	
*	12060.369	32.82	peak	13.97	46.79	74.00	150	60	-27.21	

*: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: Allen

File : 3

Data : #8

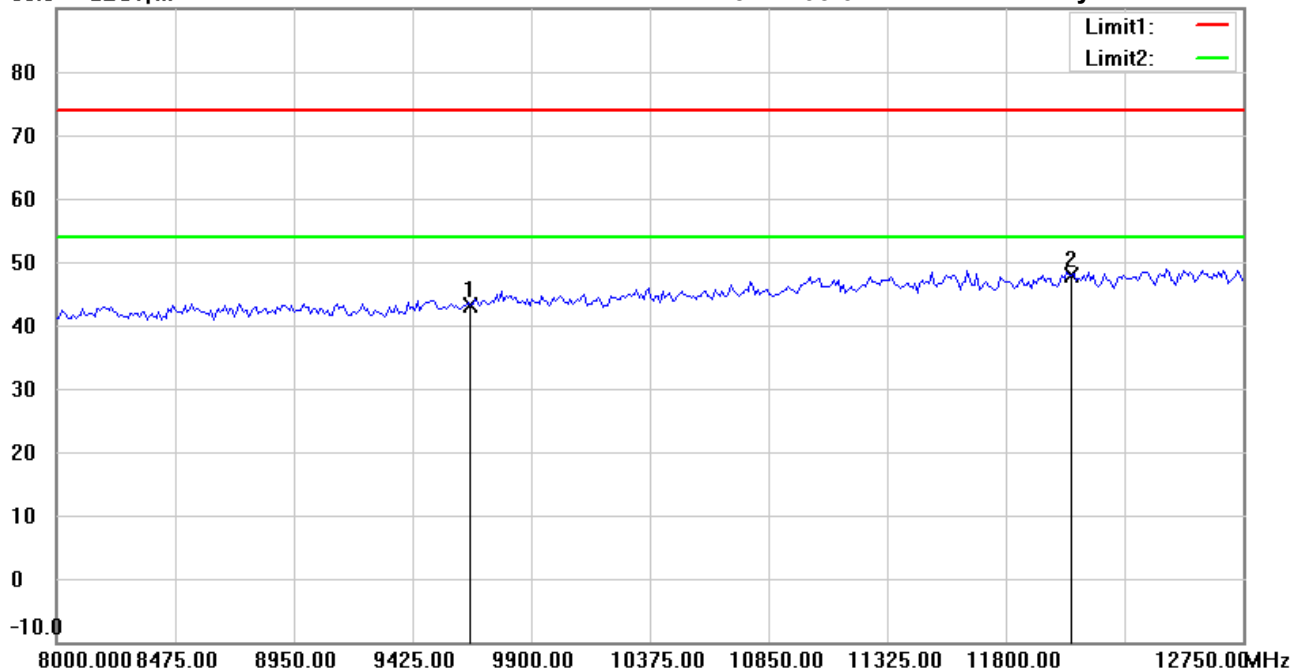
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 12:38:32 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22108-21141

Power : PoE

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
	9648.382	34.07	peak	8.94	43.01	74.00	150	175	-30.99	
*	12060.645	33.82	peak	13.97	47.79	74.00	150	80	-26.21	

*: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: Allen

File :3

Data :#4

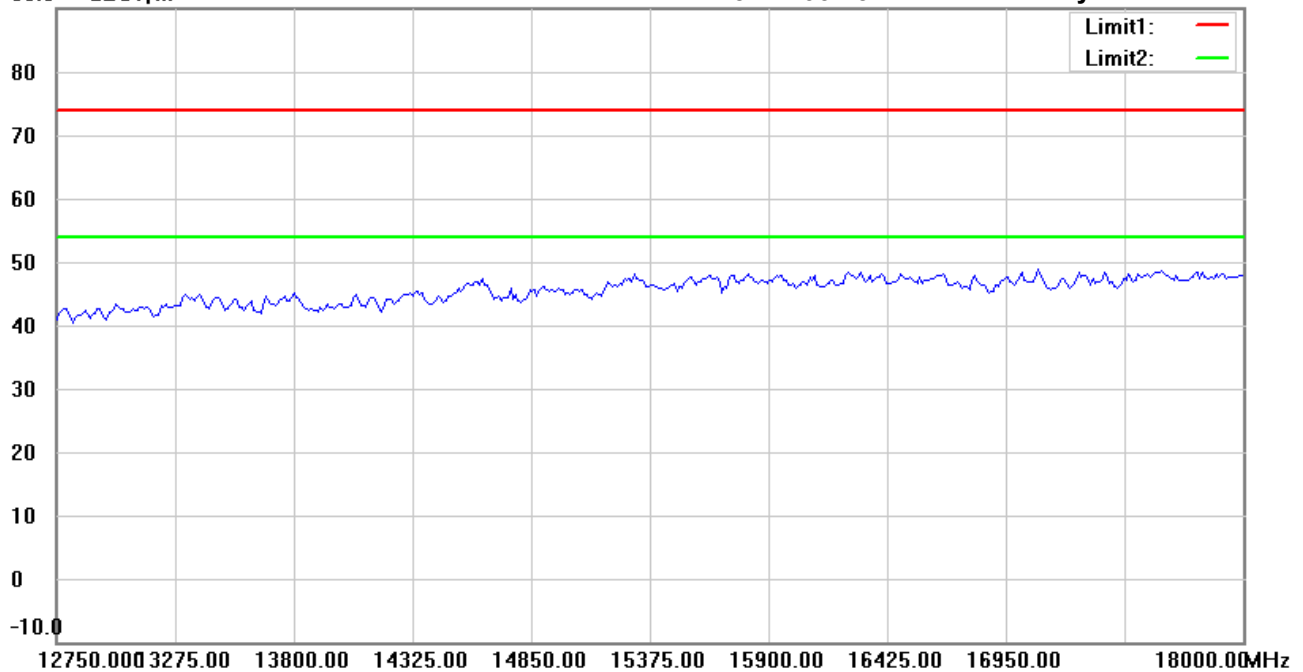
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 12:35:18 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

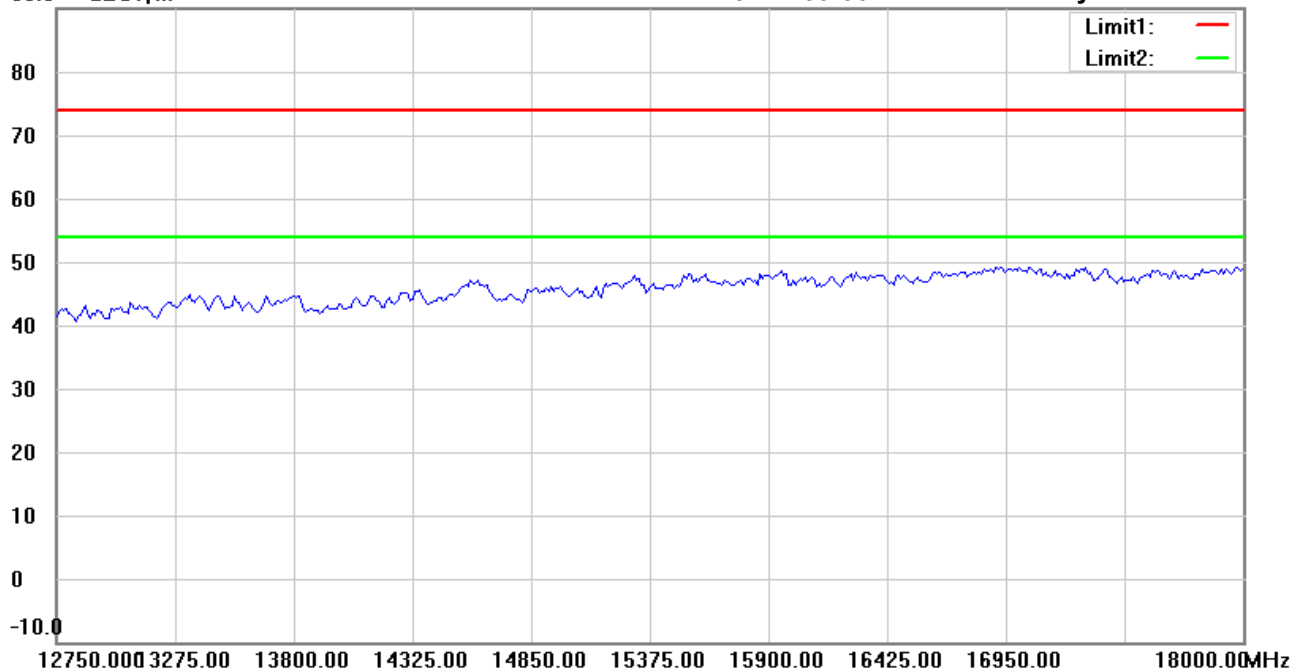
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 12:39:30 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #5

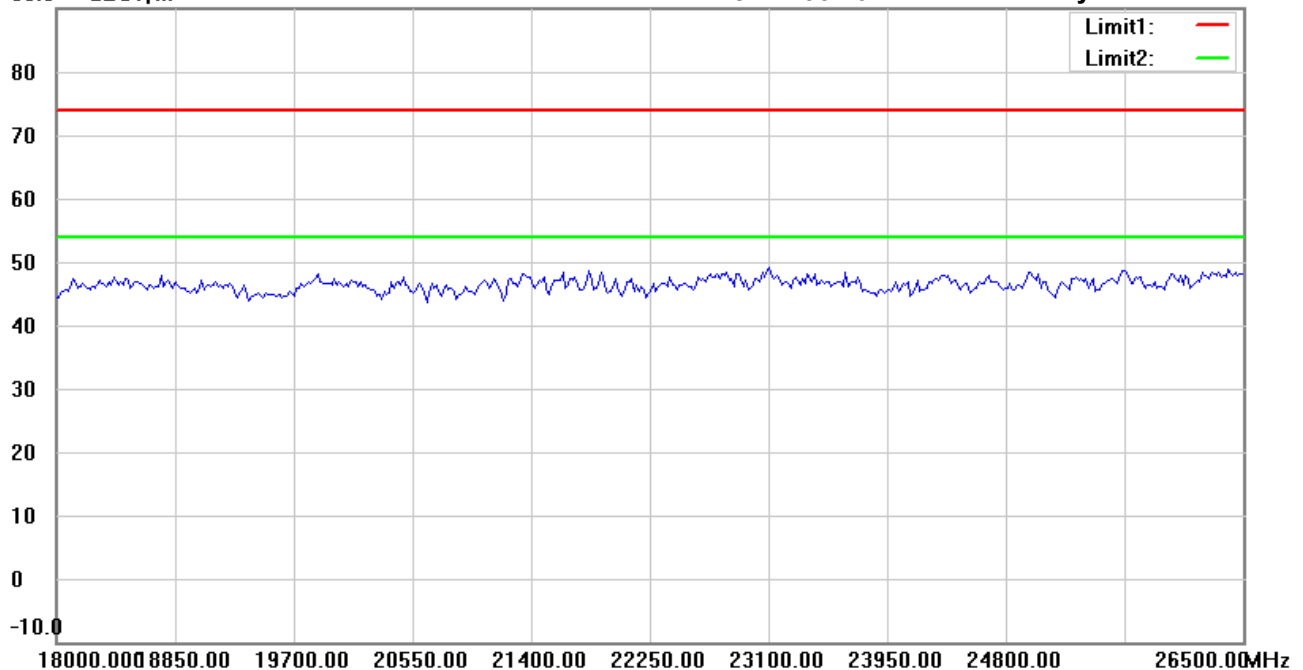
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 12:35:29 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

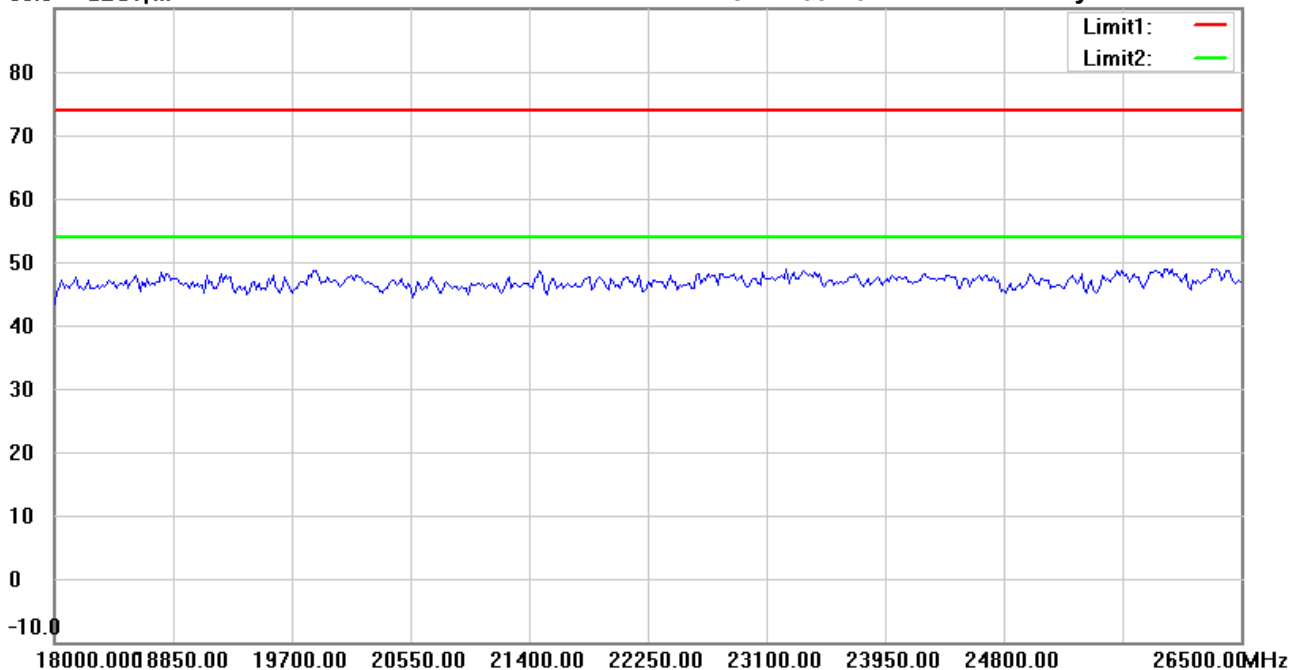
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 12:39:40 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

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



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

Radiated Emission Measurement

Operator: Allen

File : 3

Data : #1

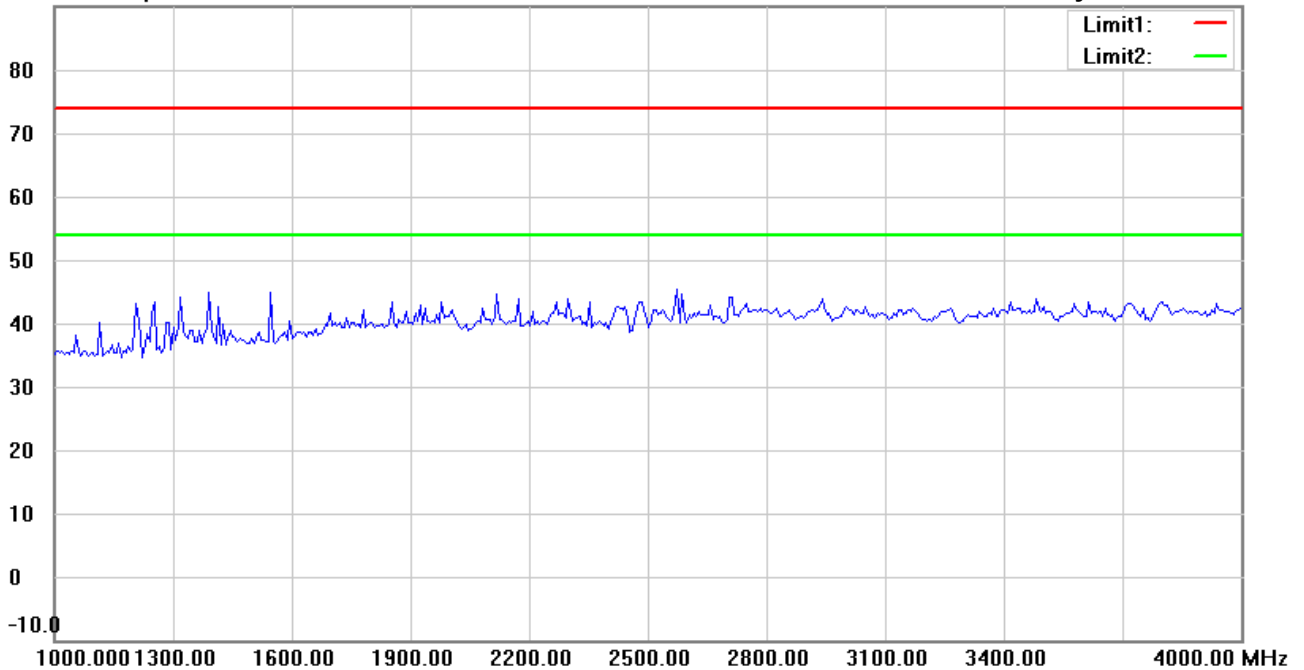
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:11:25 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Allen

File : 3

Data : #6

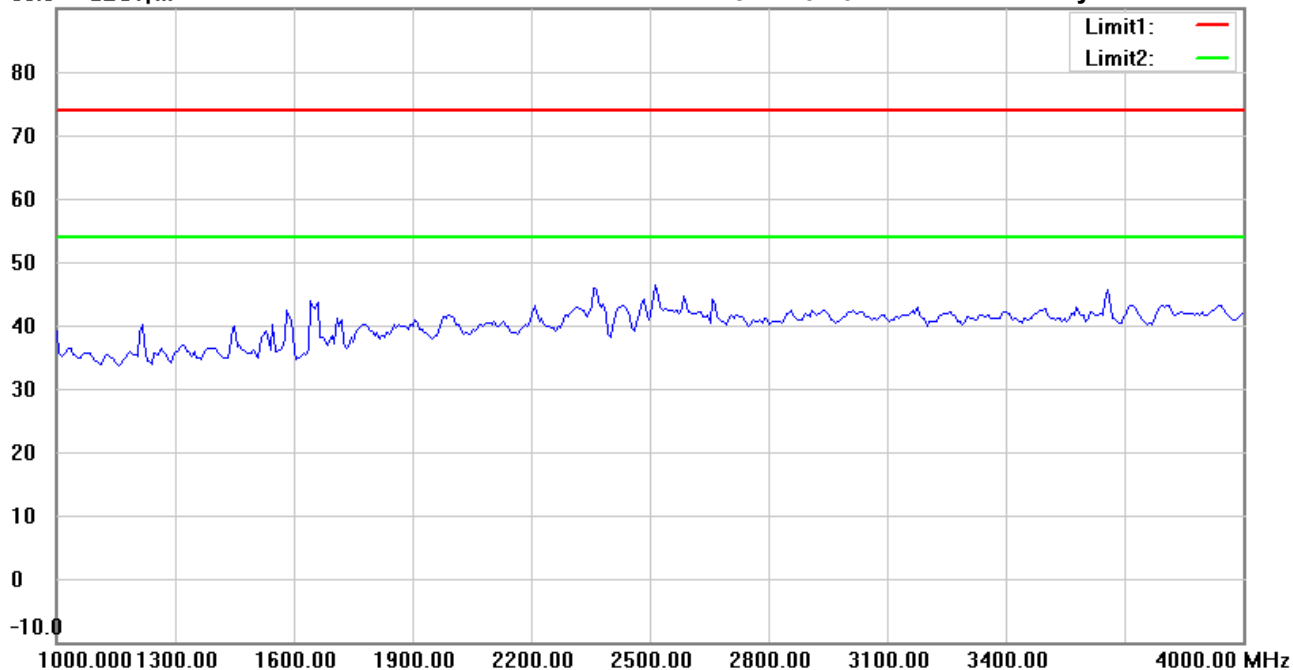
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:15:43 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Allen

File : 3

Data : #2

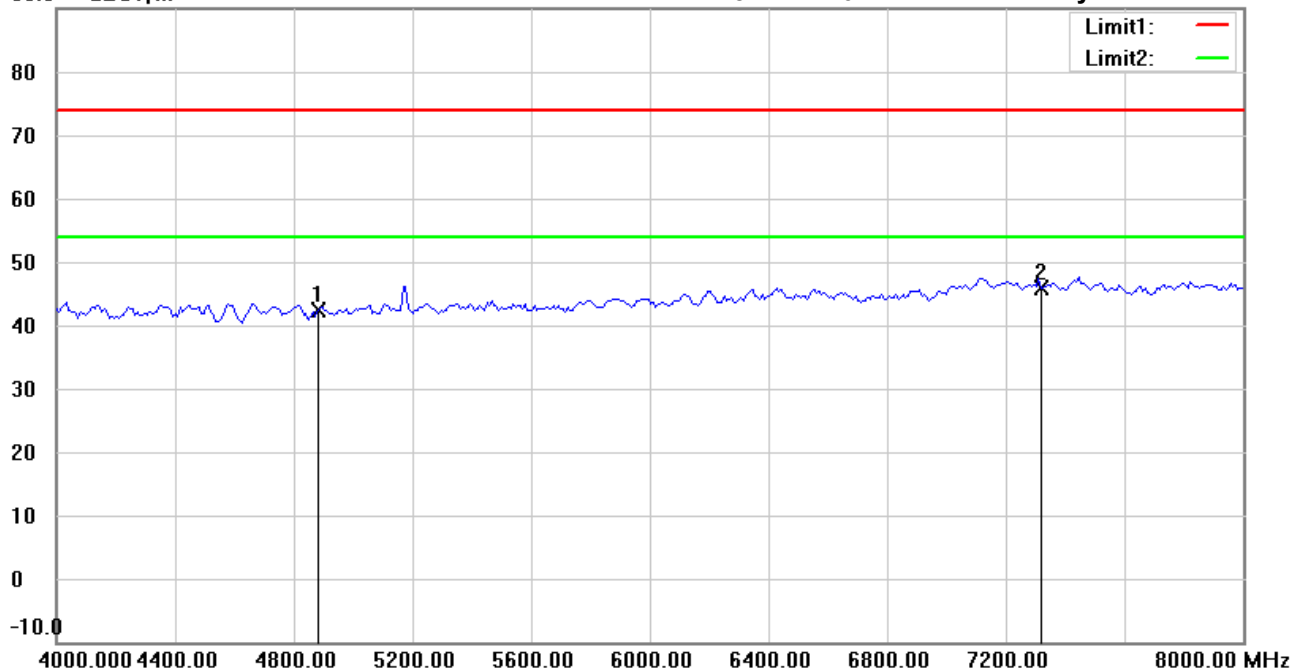
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:12:26 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.934	40.72	peak	1.72	42.44	74.00	150	157	-31.56	
*	7311.172	40.19	peak	5.79	45.98	74.00	150	20	-28.02	

*: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: Allen

File : 3

Data : #7

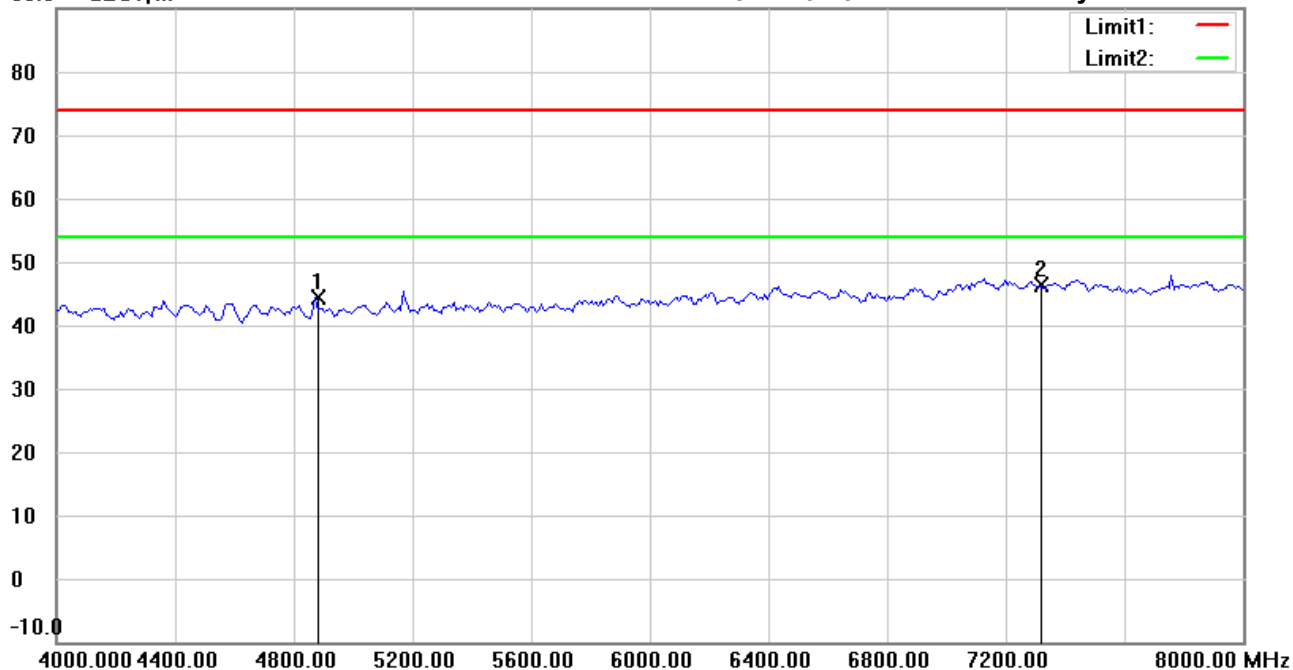
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:16:45 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4873.748	42.59	peak	1.72	44.31	74.00	150	45	-29.69	
*	7311.225	40.52	peak	5.79	46.31	74.00	150	297	-27.69	

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



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

Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

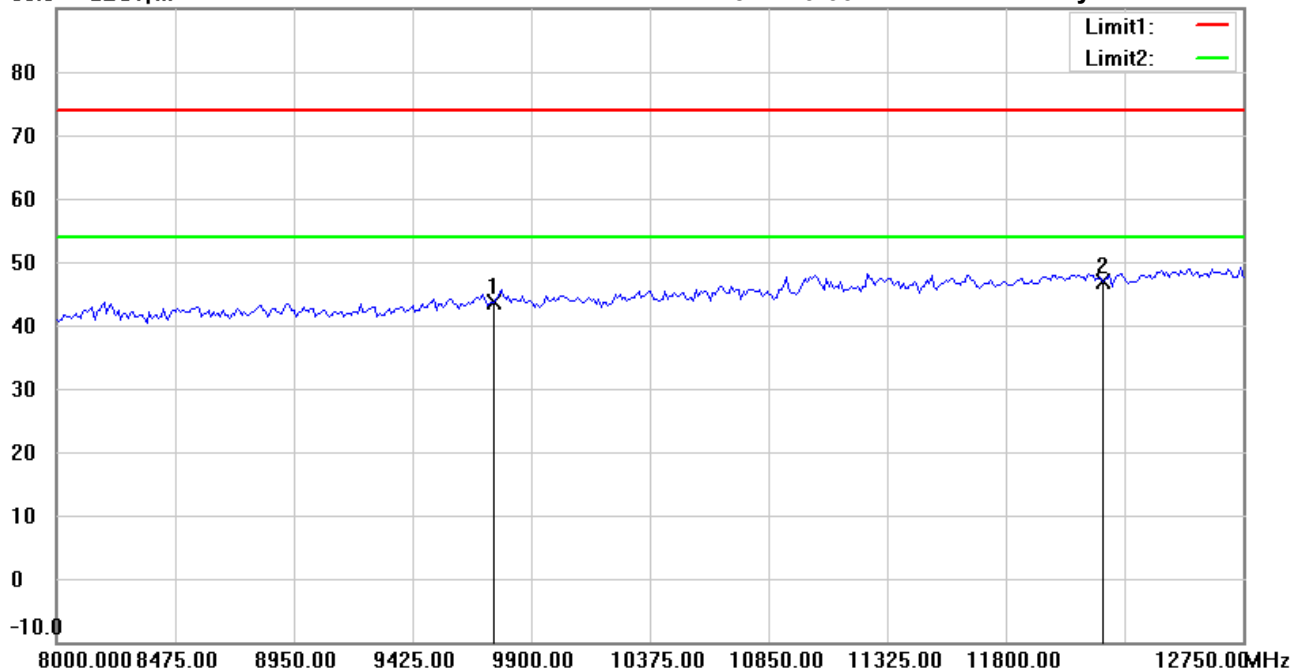
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:13:33 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.176	34.09	peak	9.56	43.65	74.00	150	39	-30.35	
*	12185.380	32.23	peak	14.72	46.95	74.00	150	270	-27.05	

*: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: Allen

File : 3

Data : #8

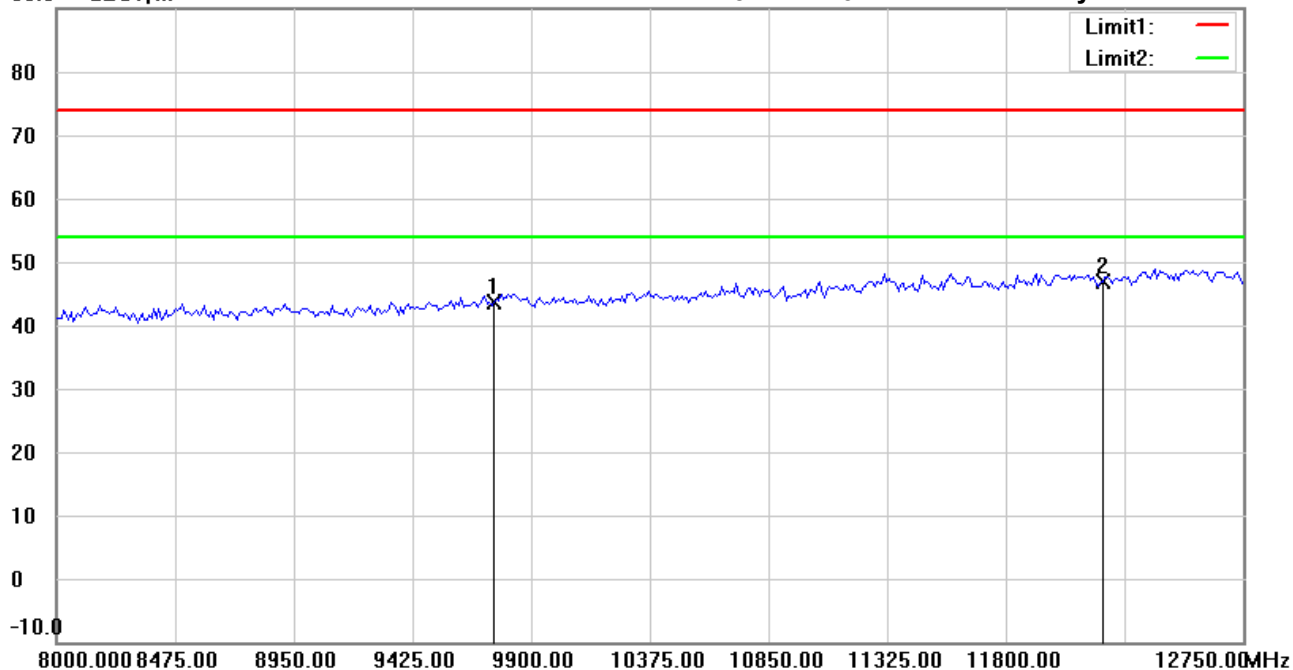
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:17:45 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH6

Polarization: **Vertical**

Power : PoE

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
	9748.425	33.95	peak	9.56	43.51	74.00	150	145	-30.49	
*	12185.138	32.10	peak	14.72	46.82	74.00	150	286	-27.18	

*: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: Allen

File :3

Data :#4

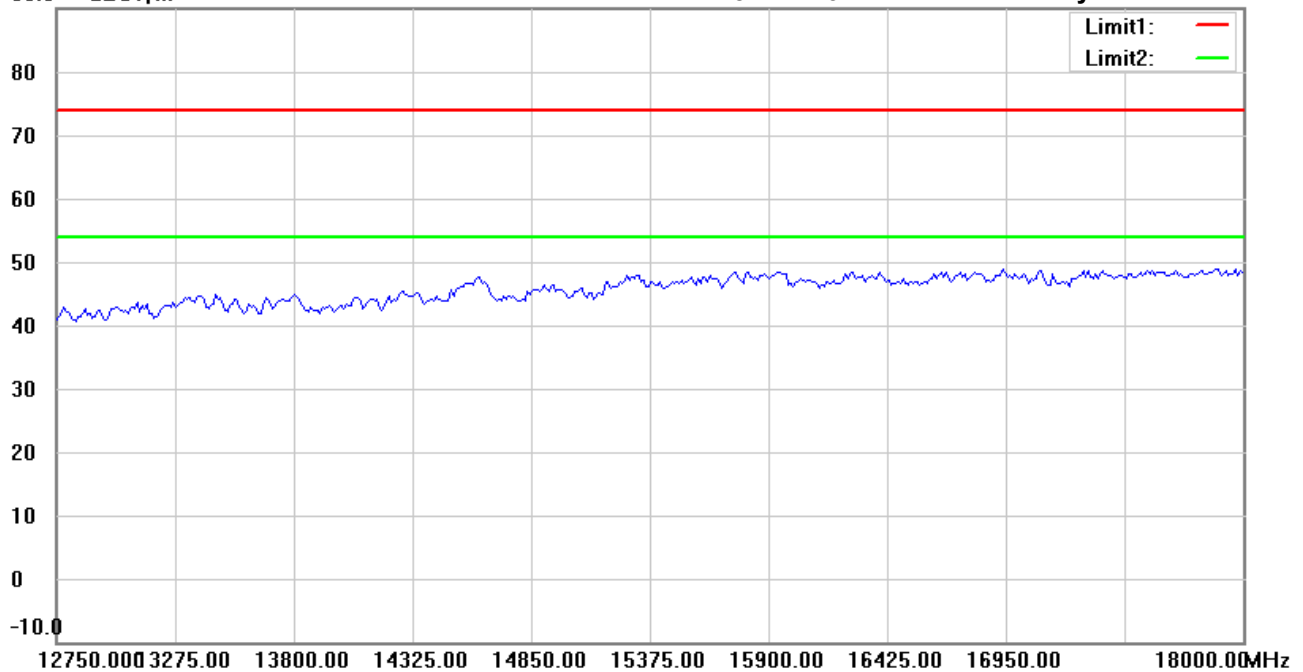
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:14:32 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

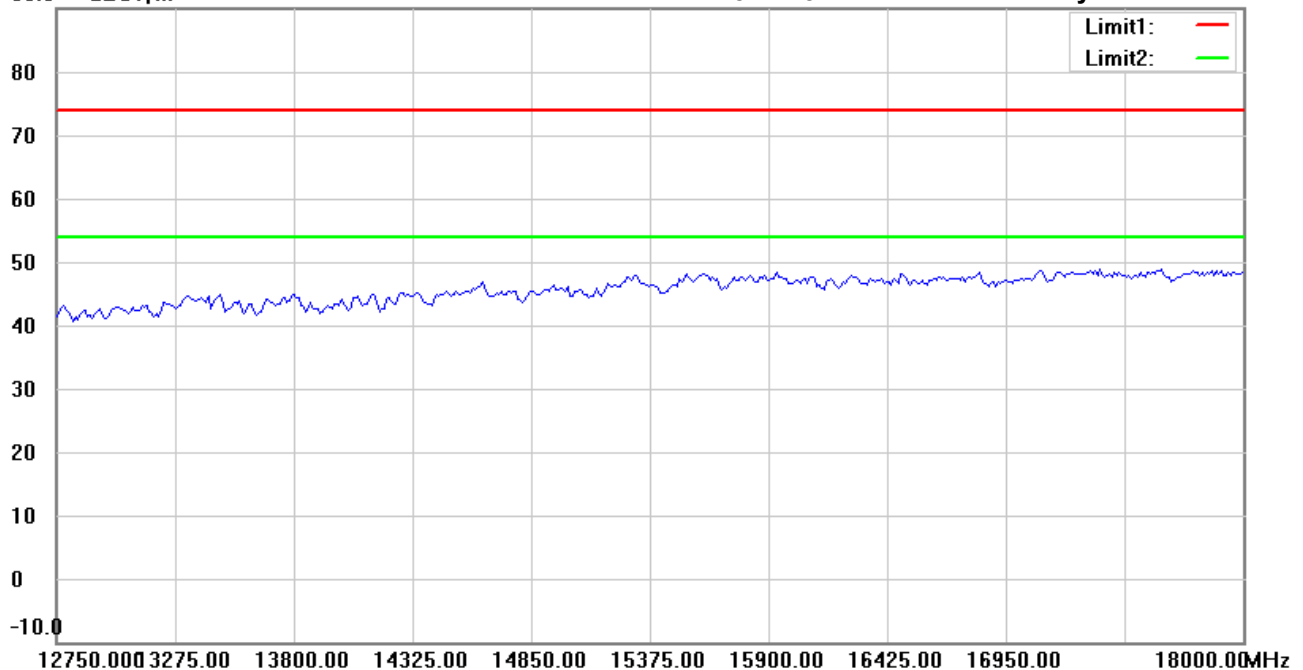
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:18:44 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

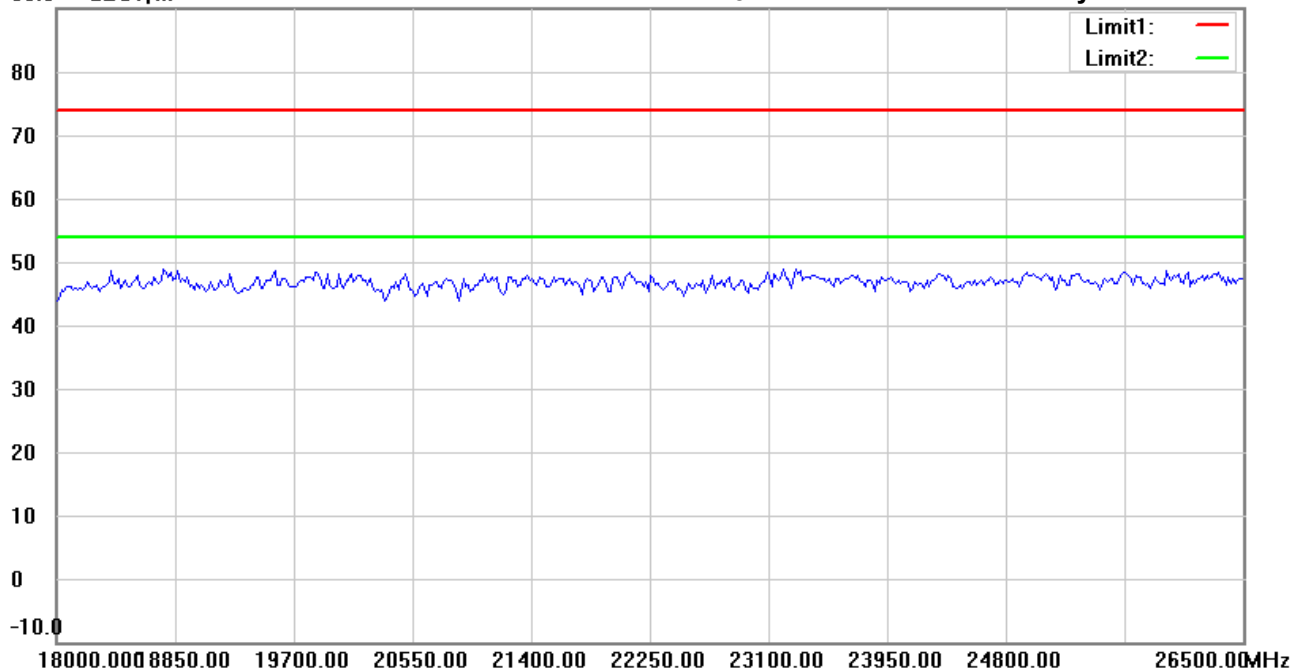
Date: 12/11/2021

Temperature: 23.5 °C

Time: 1:14:42 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

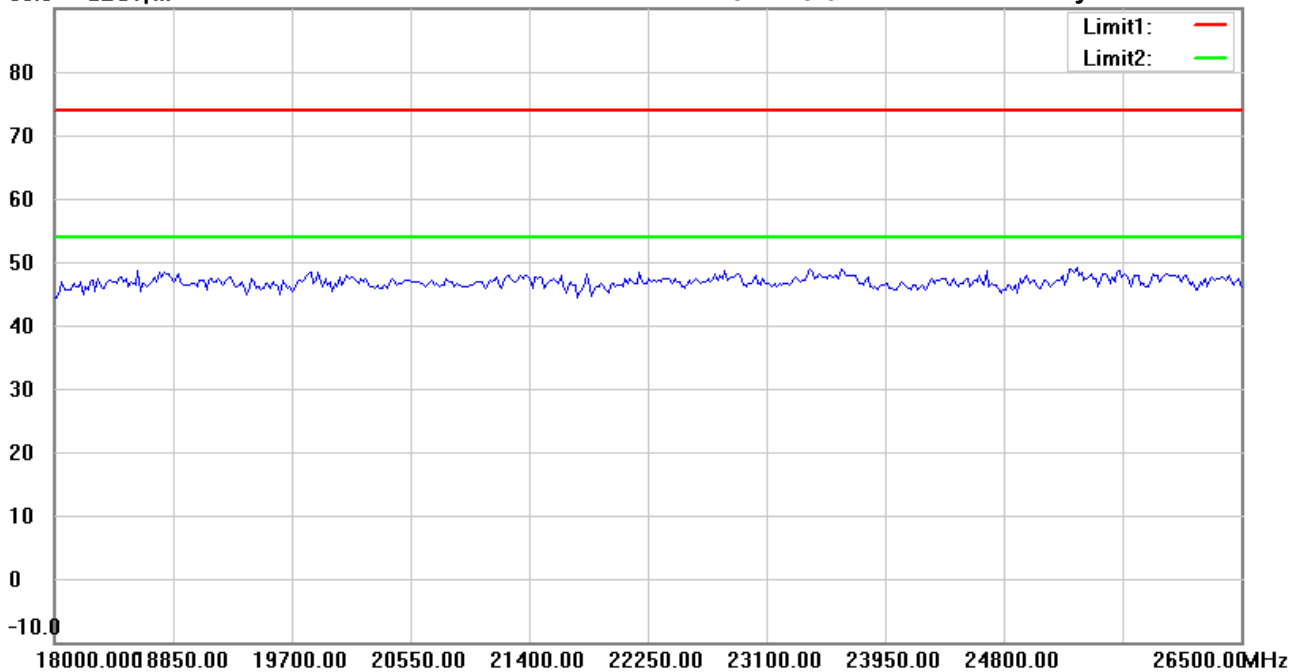
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:18:54 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #1

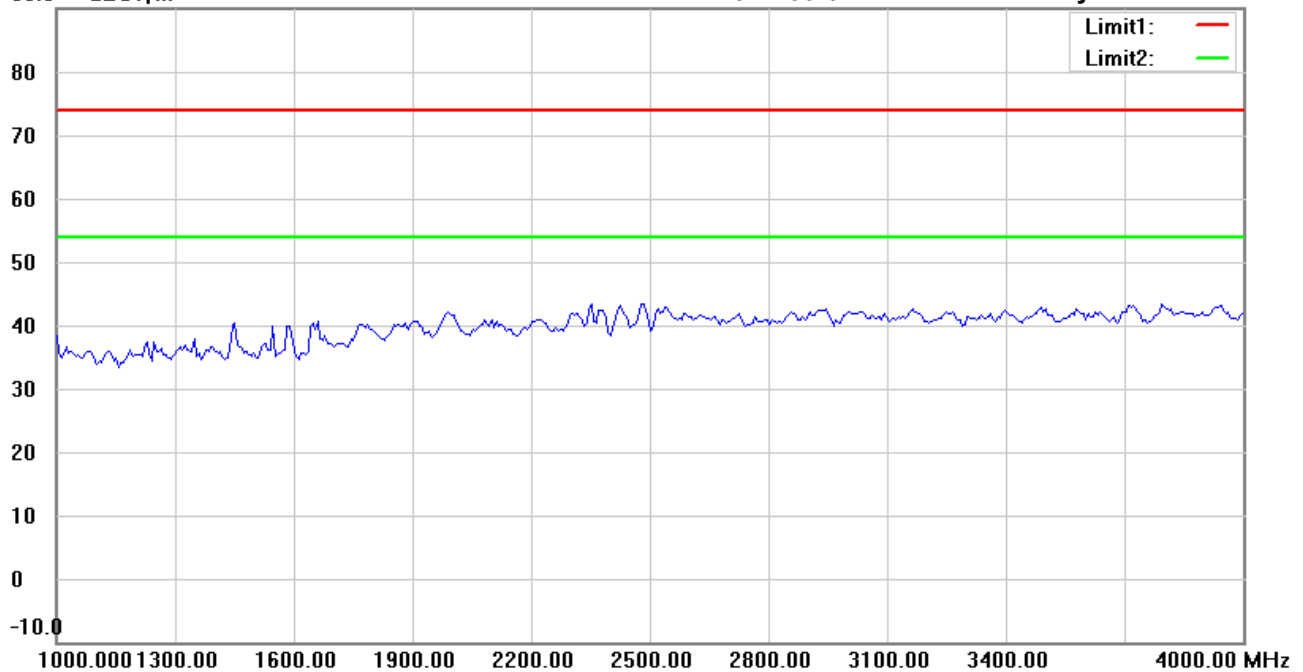
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:30:02 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

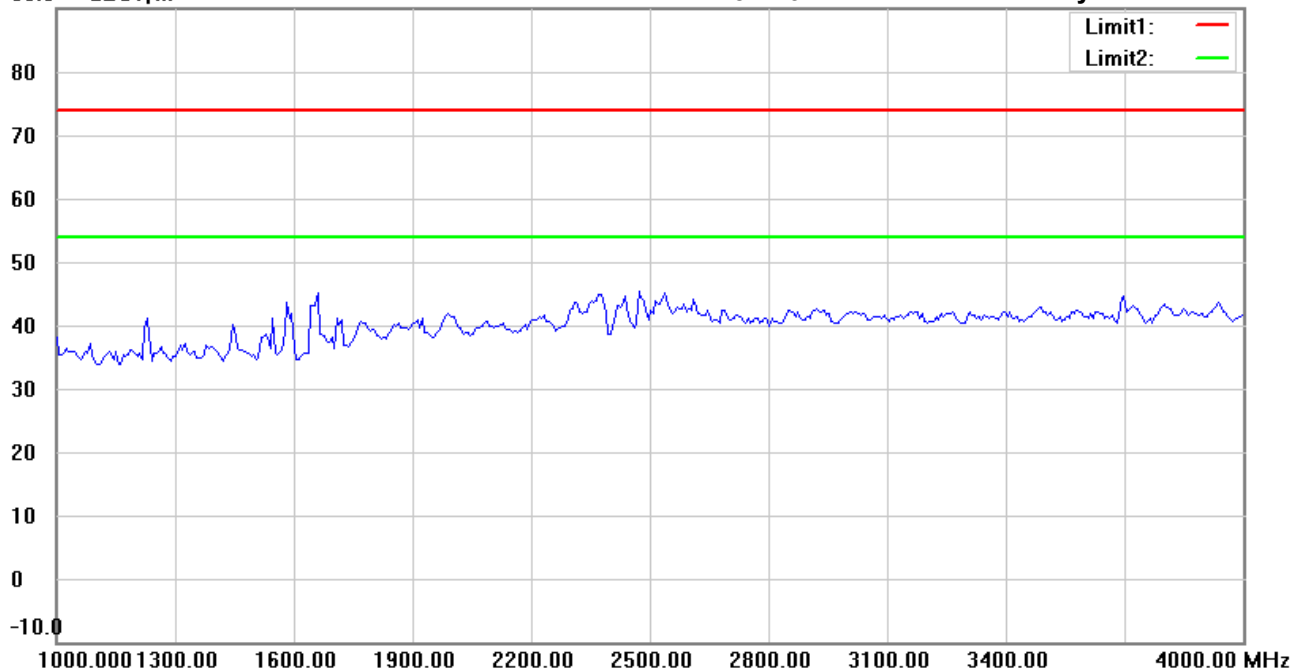
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:34:21 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#2

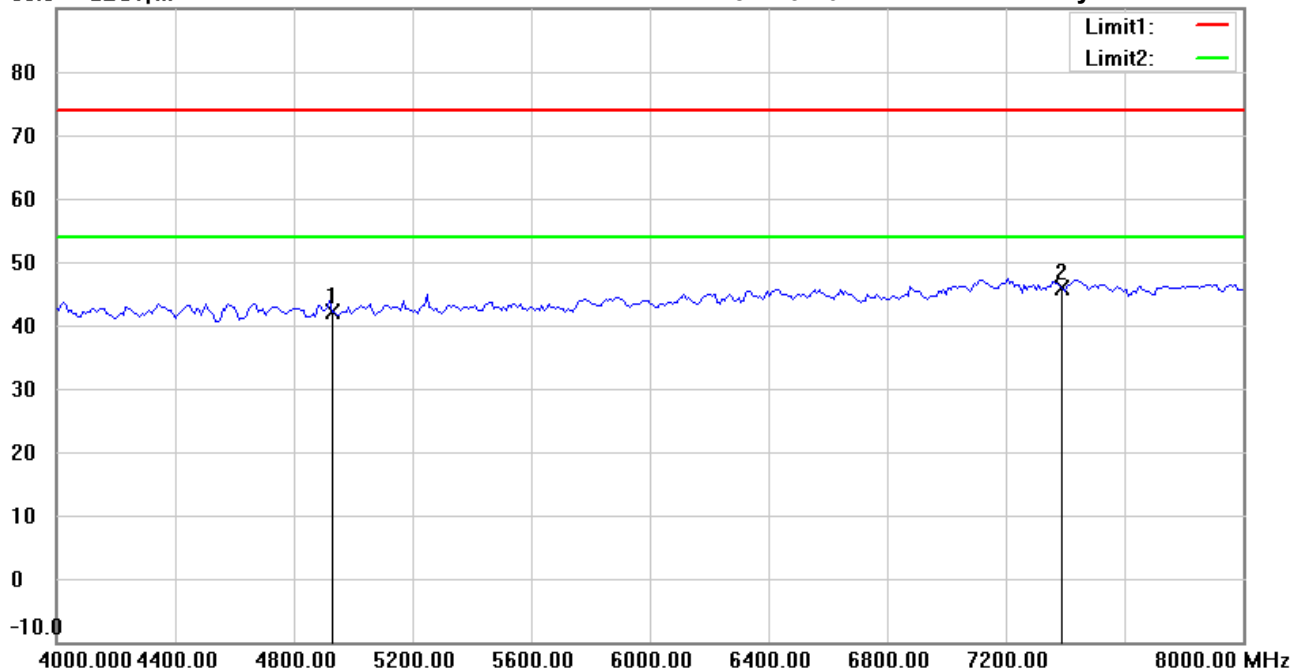
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:31:04 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.285	40.23	peak	1.87	42.10	74.00	150	92	-31.90	
*	7386.369	39.51	peak	6.26	45.77	74.00	150	0	-28.23	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

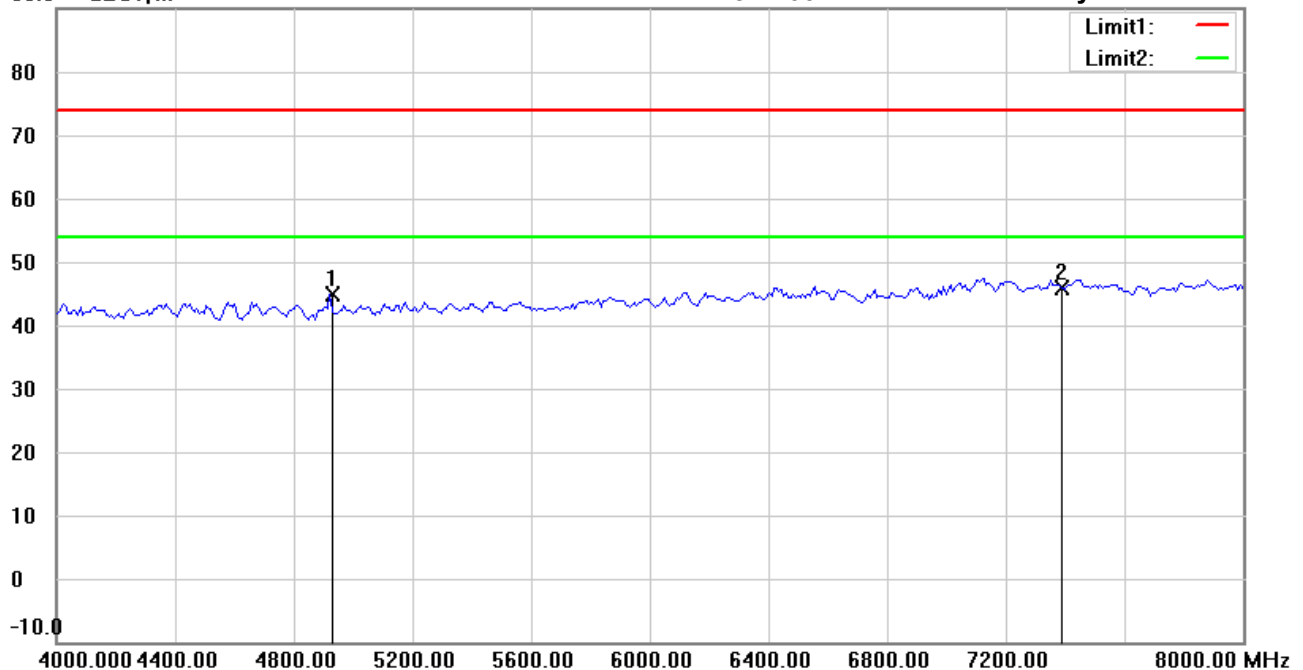
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:35:22 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4921.844	43.10	peak	1.87	44.97	74.00	150	186	-29.03	
*	7386.438	39.61	peak	6.26	45.87	74.00	150	225	-28.13	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#3

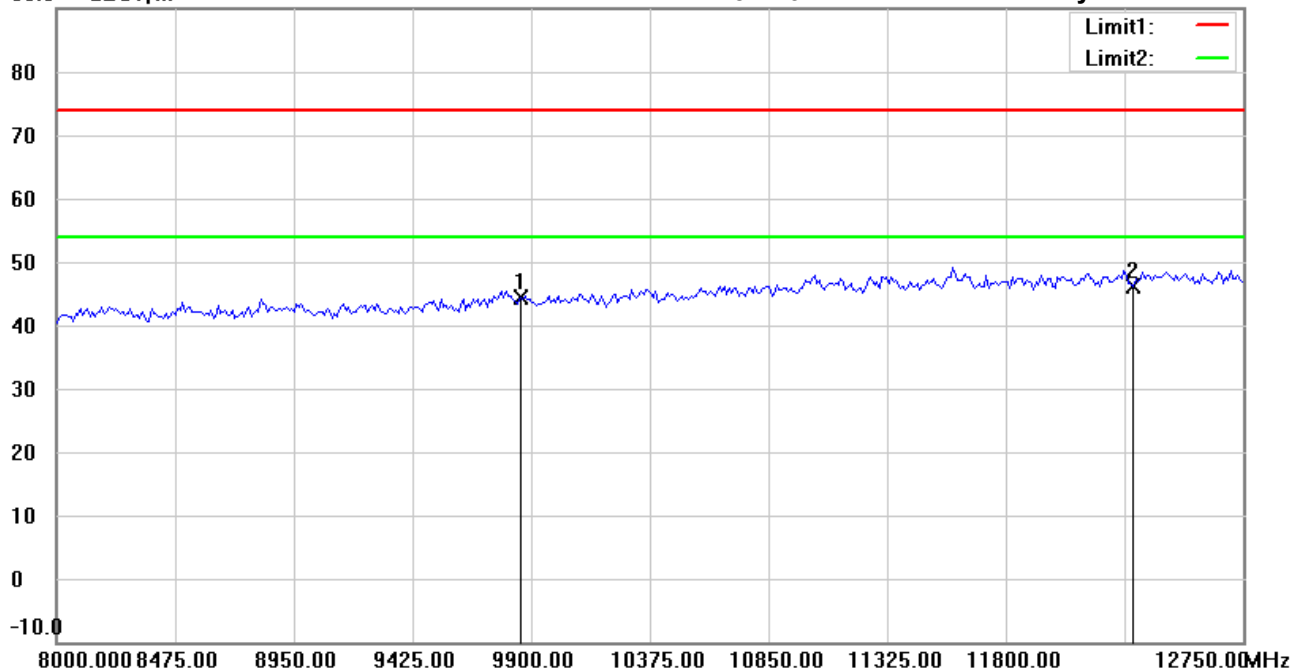
Date: 12/11/2021

Temperature: 23.5 °C

Time: 1:32:11 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.548	34.99	peak	9.44	44.43	74.00	150	338	-29.57	
*	12310.720	31.94	peak	14.23	46.17	74.00	150	120	-27.83	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #8

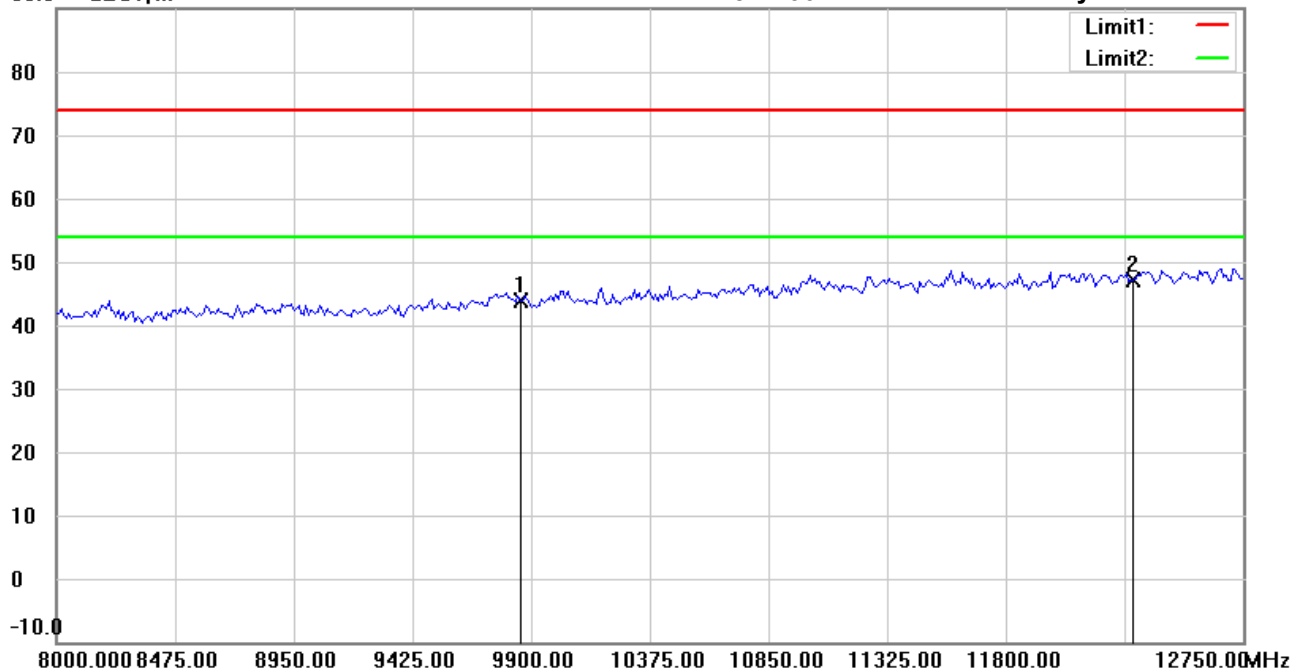
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:36:22 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Polarization: **Vertical**

Power : PoE

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
	9848.381	34.32	peak	9.44	43.76	74.00	150	178	-30.24	
*	12310.114	32.92	peak	14.22	47.14	74.00	150	65	-26.86	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

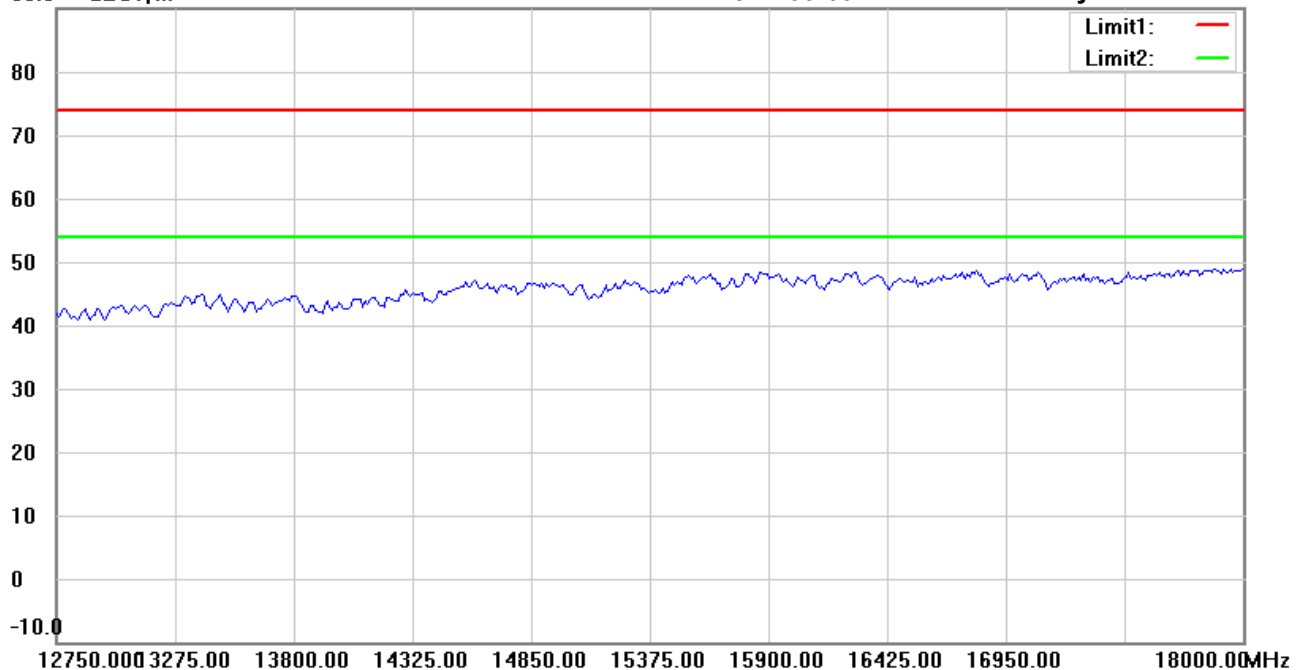
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:33:09 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

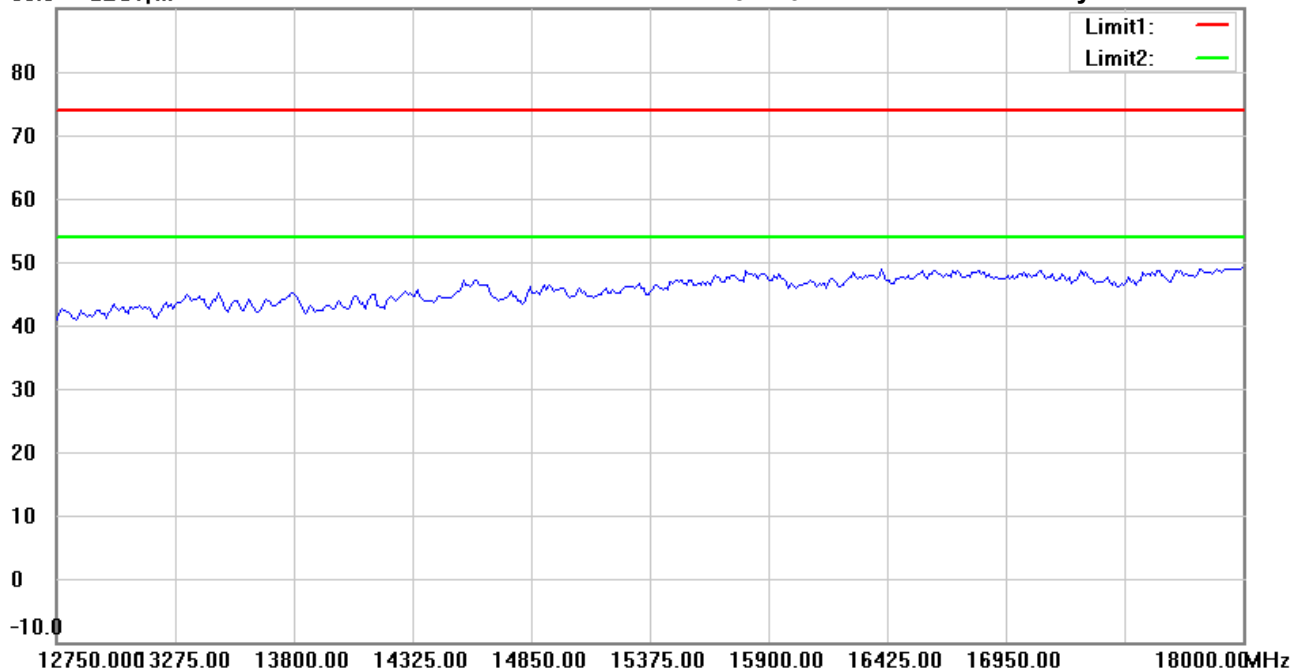
Date: 12/11/2021

Temperature: 23.5 °C

Time: 1:37:21 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

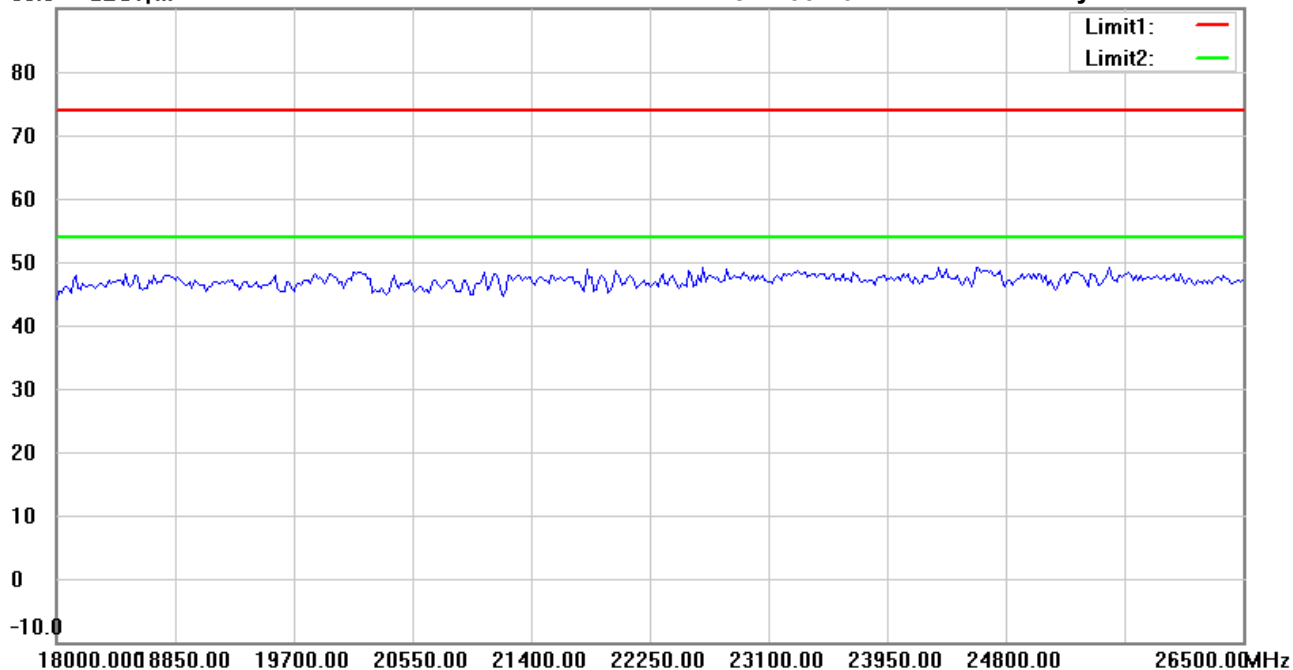
Date: 12/11/2021

Temperature: 23.5 °C

Time: 1:33:20 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

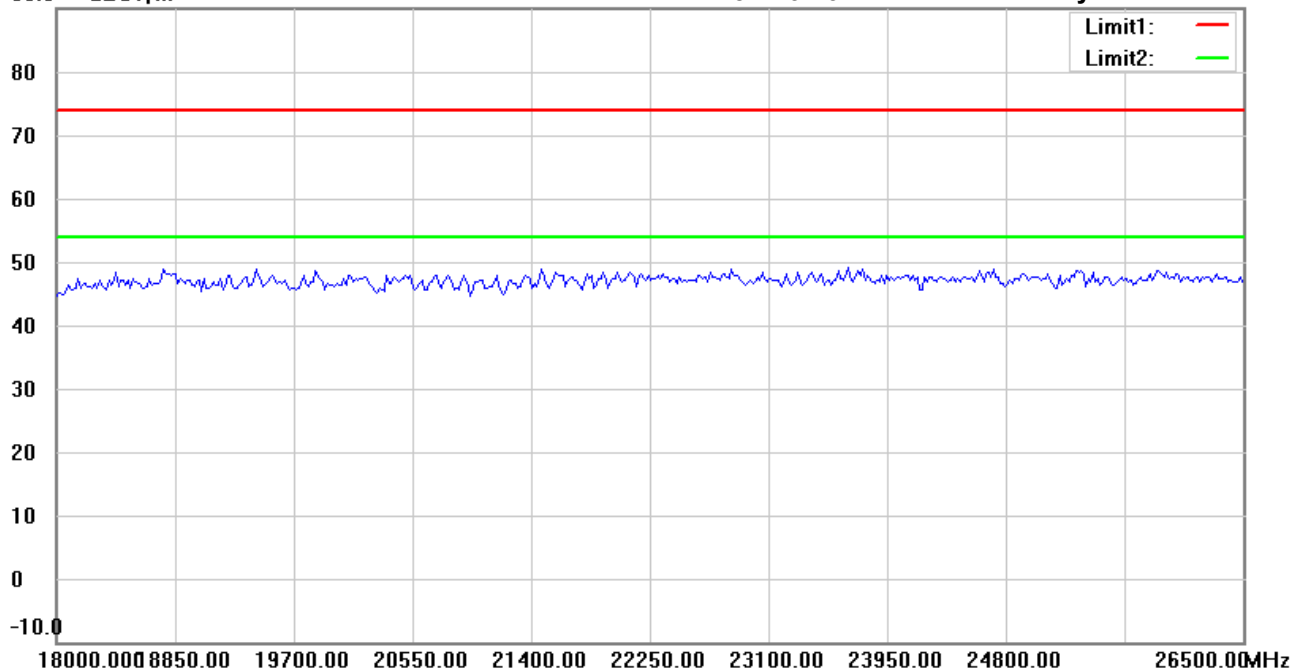
Date: 12/11/2021

Temperature: 23.5 °C

Time: 1:37:31 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #1

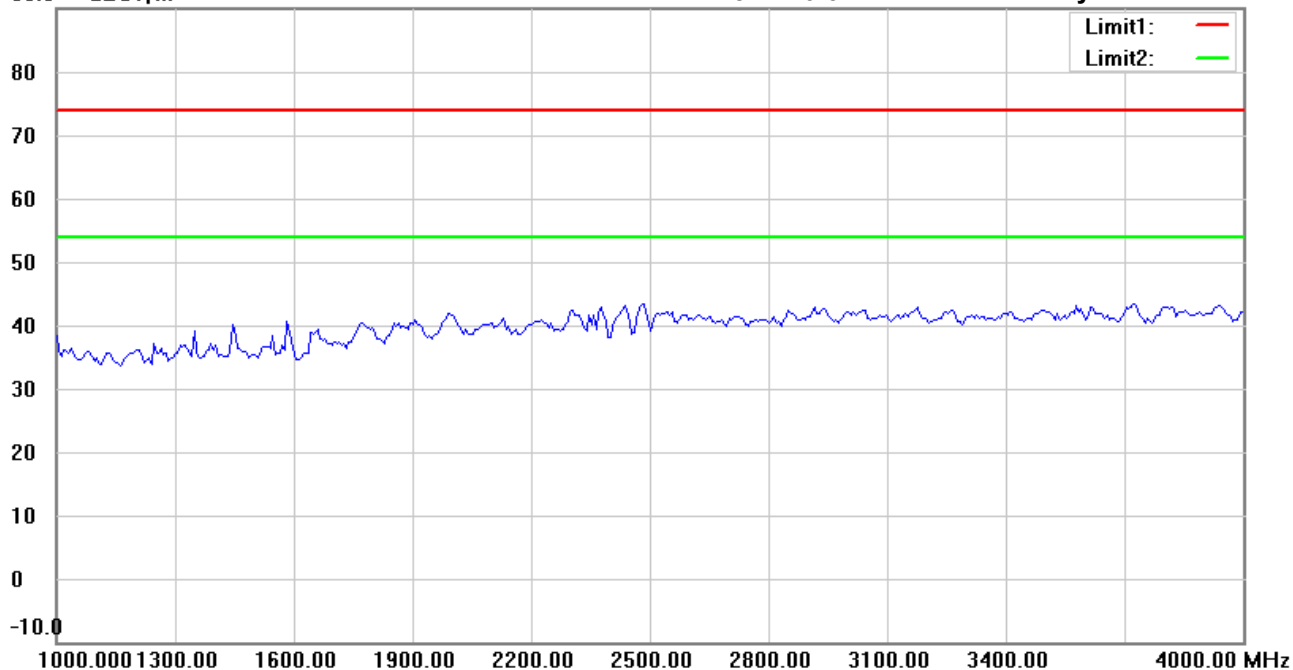
Date: 12/11/2021

Temperature: 23.5 °C

Time: 1:46:37 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

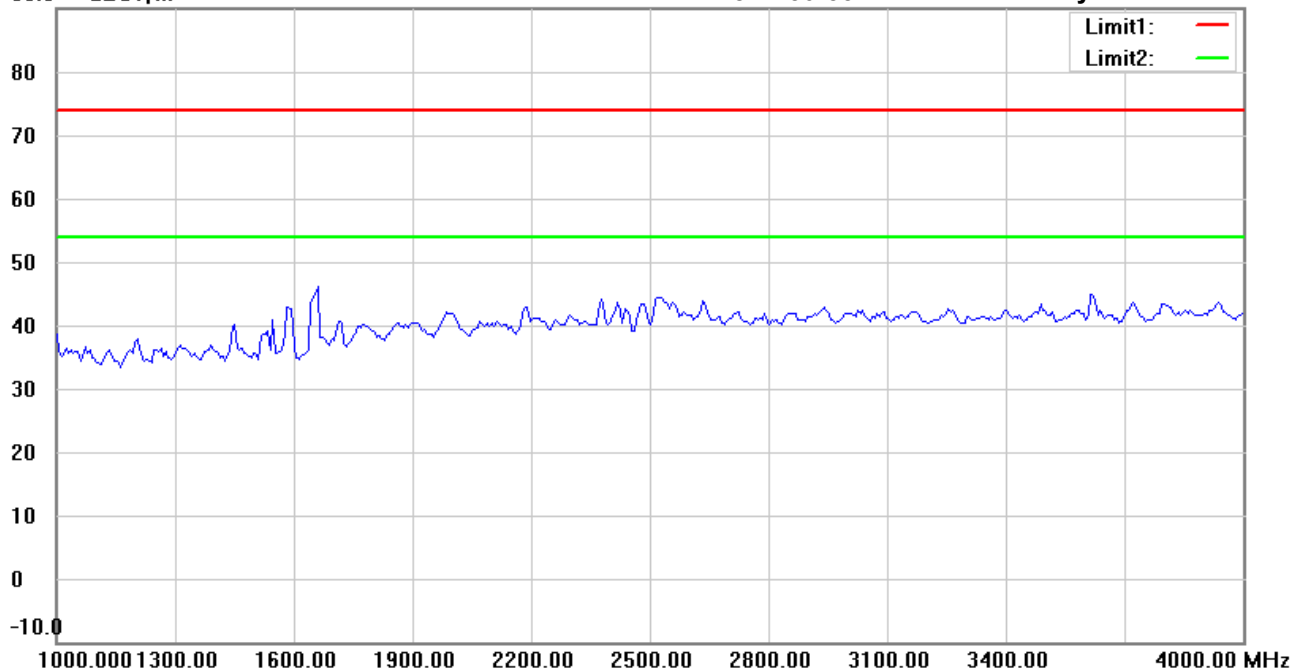
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:50:55 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #2

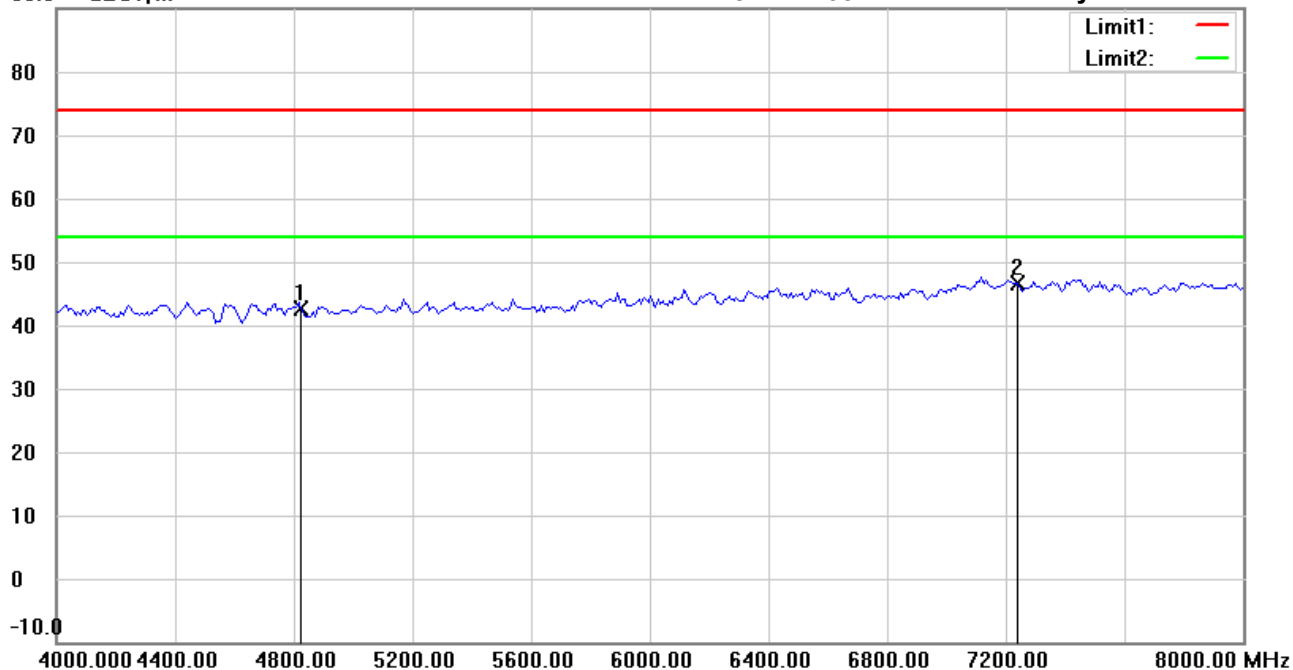
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:47:38 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.046	41.09	peak	1.46	42.55	74.00	150	317	-31.45	
*	7236.282	40.66	peak	5.93	46.59	74.00	150	146	-27.41	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

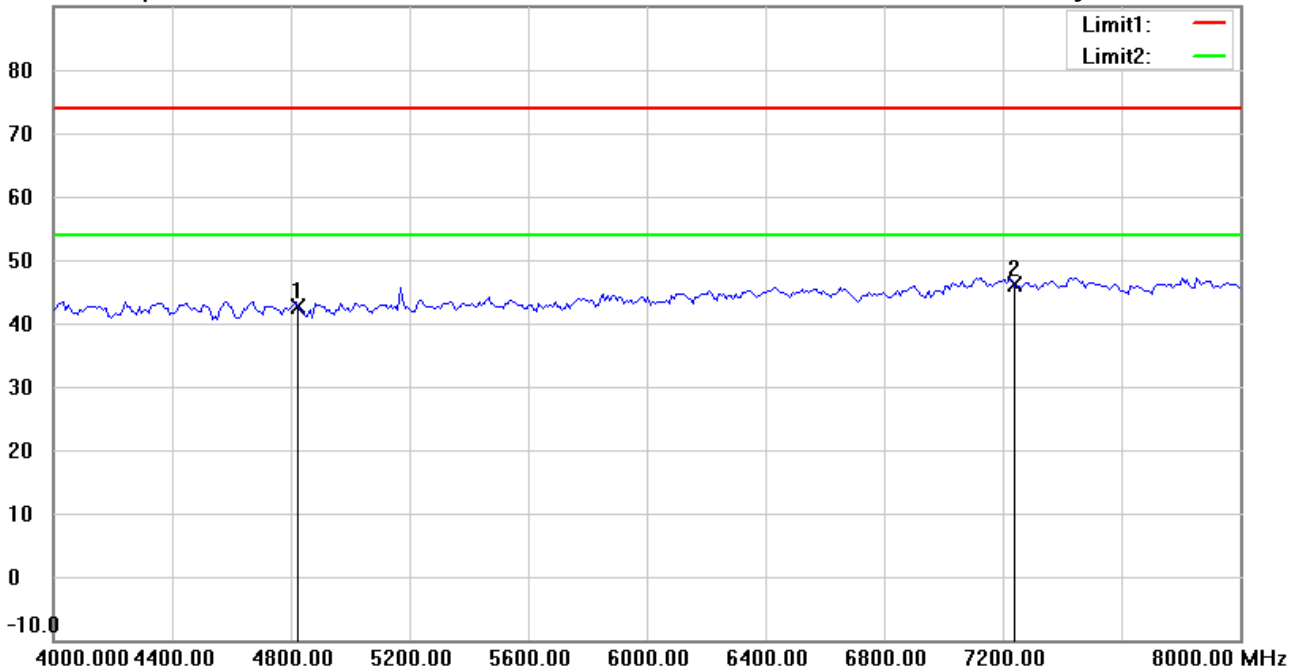
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:51:56 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.507	41.05	peak	1.46	42.51	74.00	150	105	-31.49	
*	7236.196	40.12	peak	5.93	46.05	74.00	150	328	-27.95	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#3

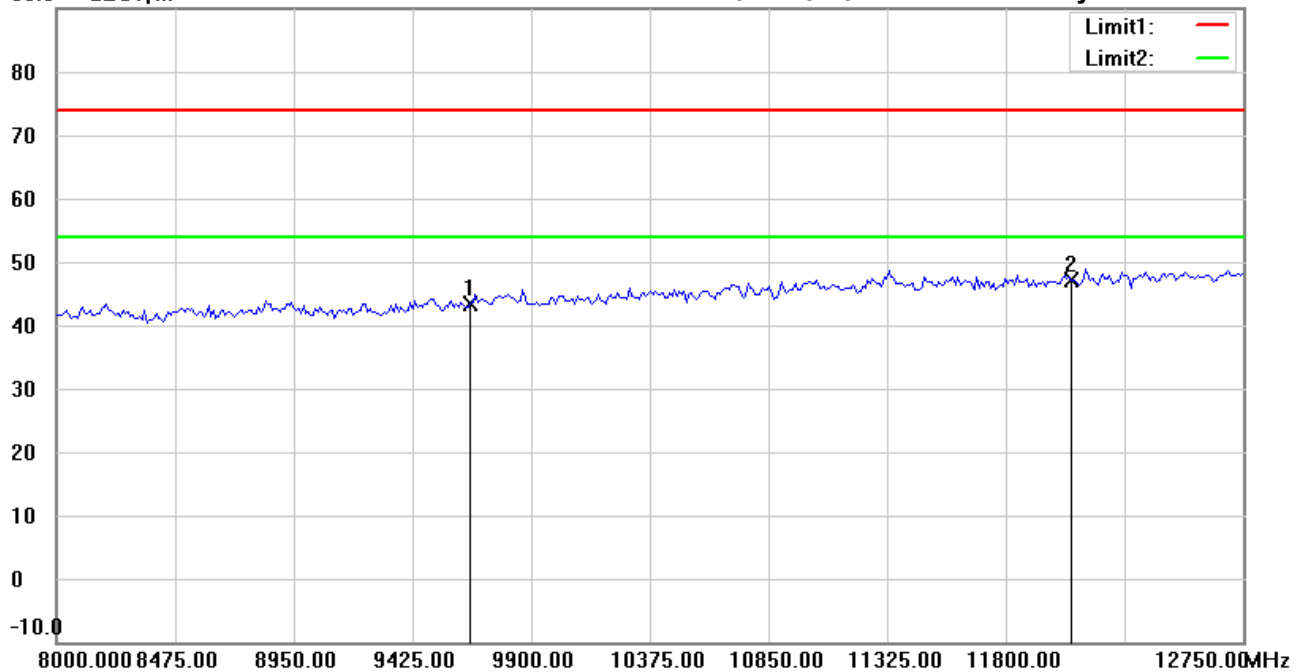
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:48:45 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.832	34.38	peak	8.94	43.32	74.00	150	96	-30.68	
*	12060.775	33.04	peak	13.97	47.01	74.00	150	30	-26.99	

*: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: Allen

File :3

Data :#8

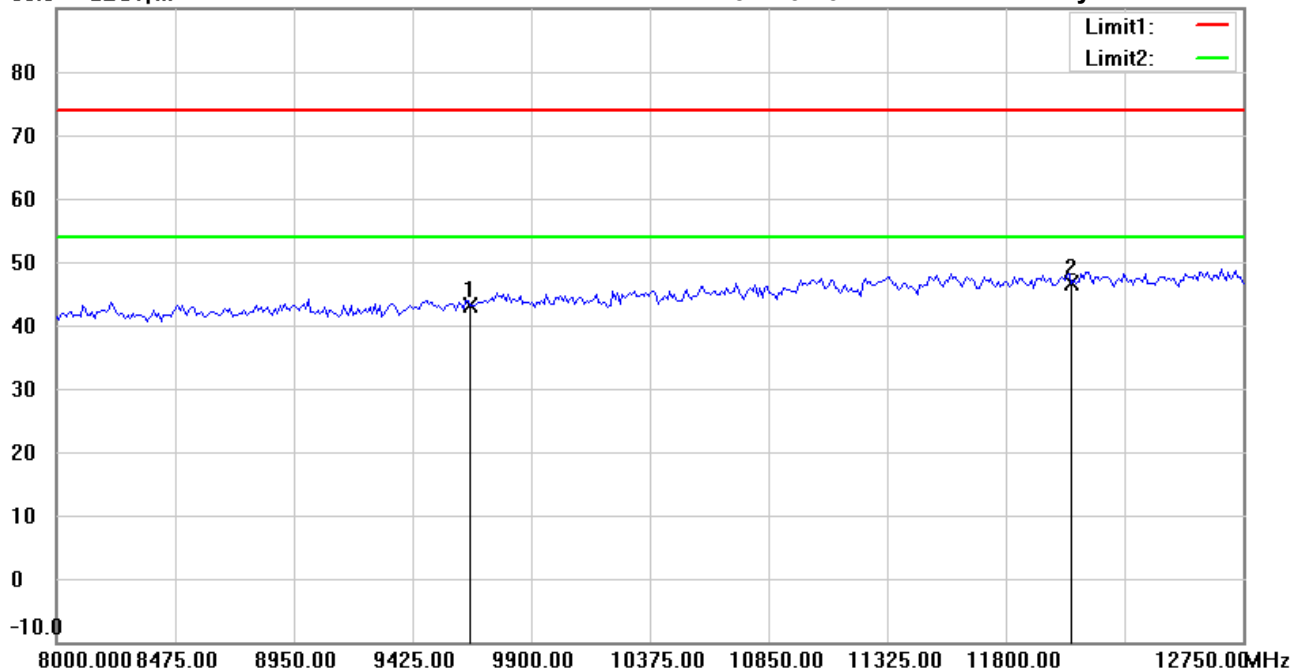
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:52:57 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.362	34.17	peak	8.94	43.11	74.00	150	38	-30.89	
*	12060.785	32.72	peak	13.97	46.69	74.00	150	251	-27.31	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

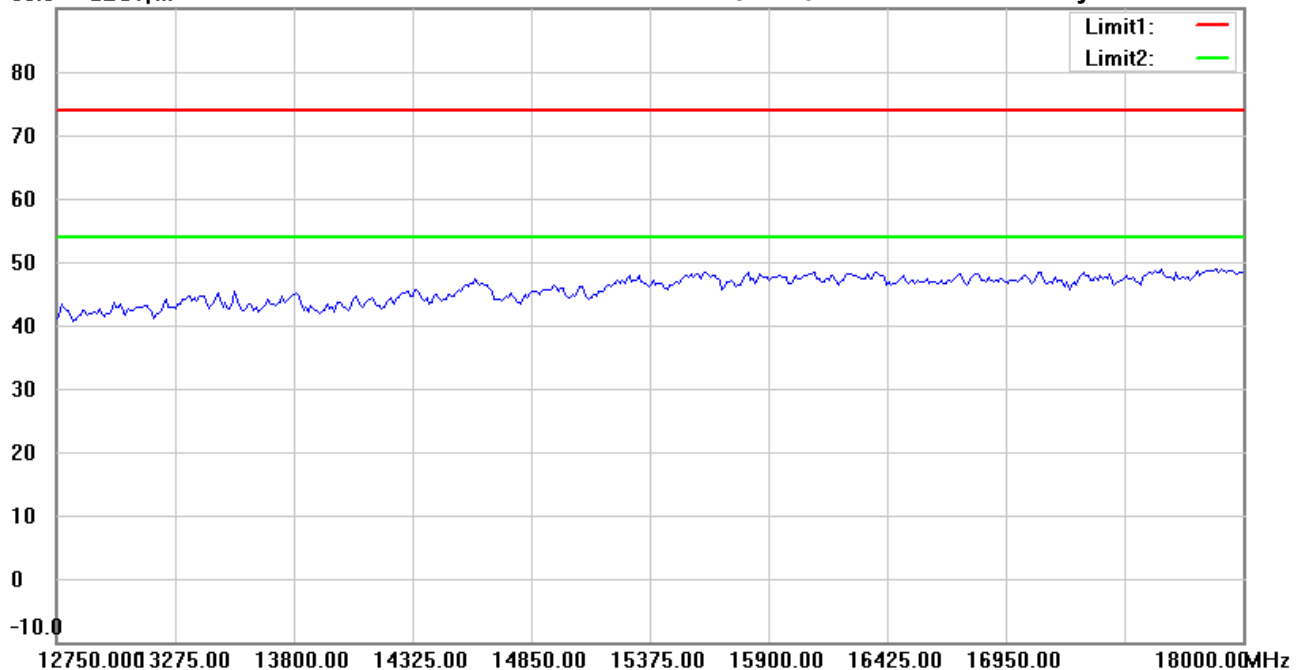
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:49:44 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

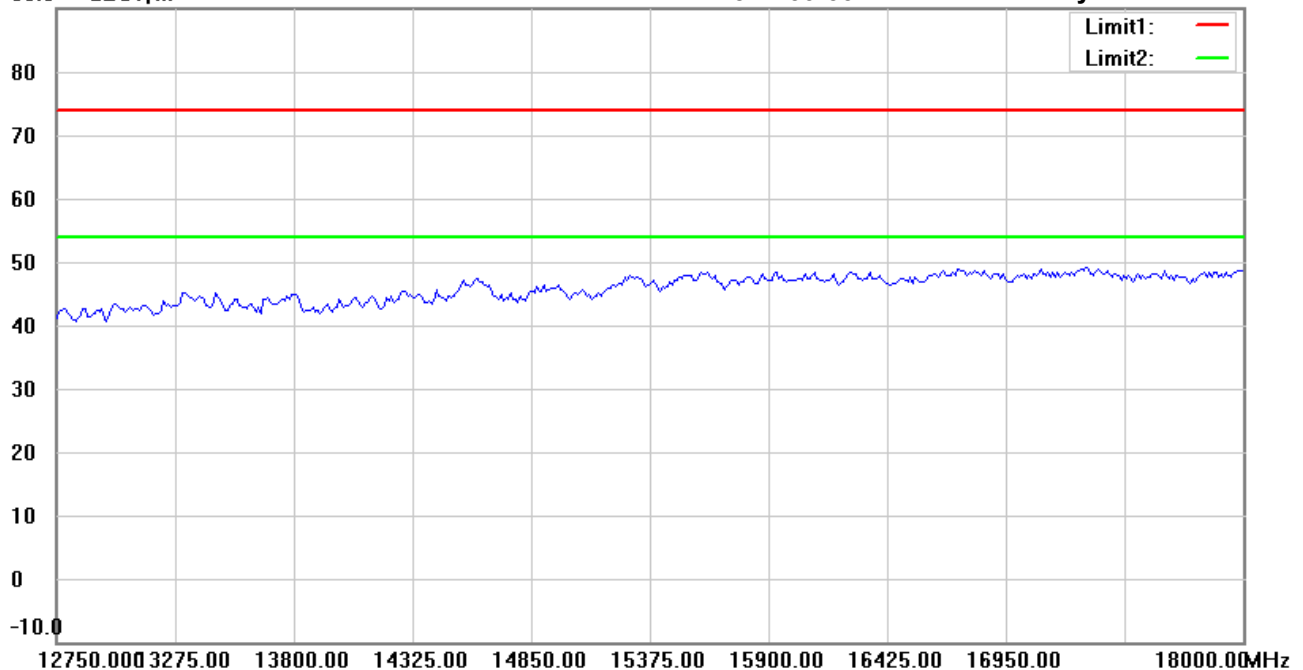
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:53:55 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

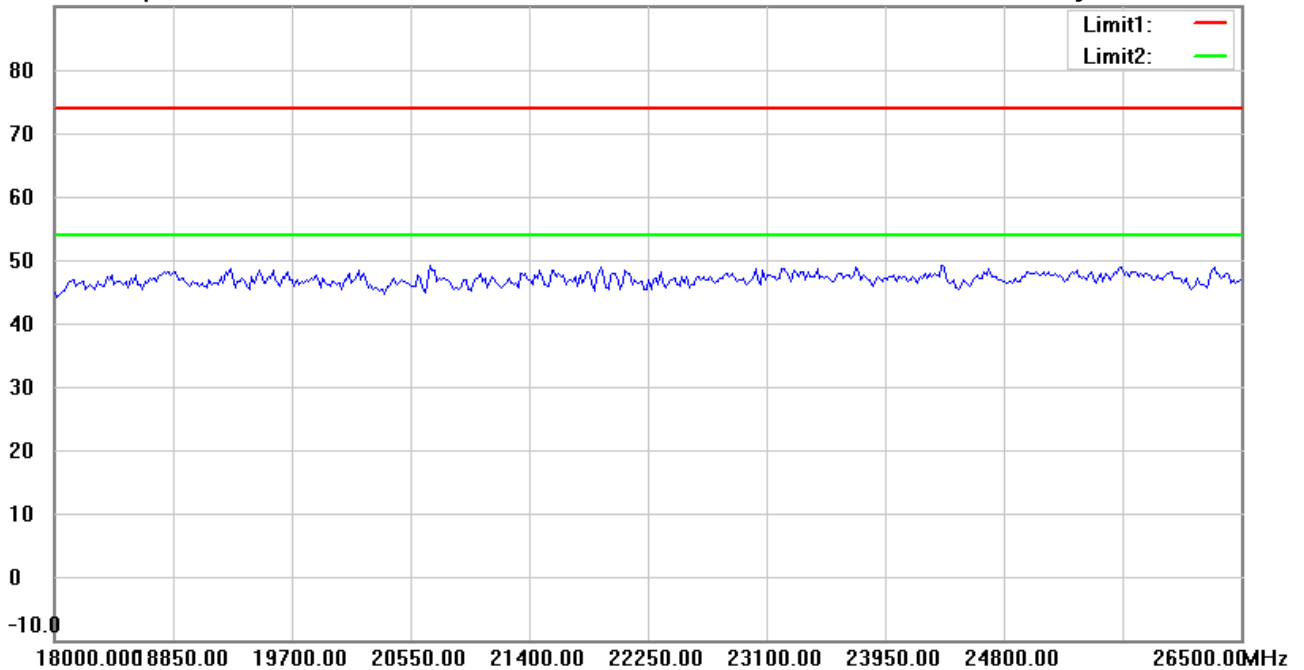
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:49:54 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

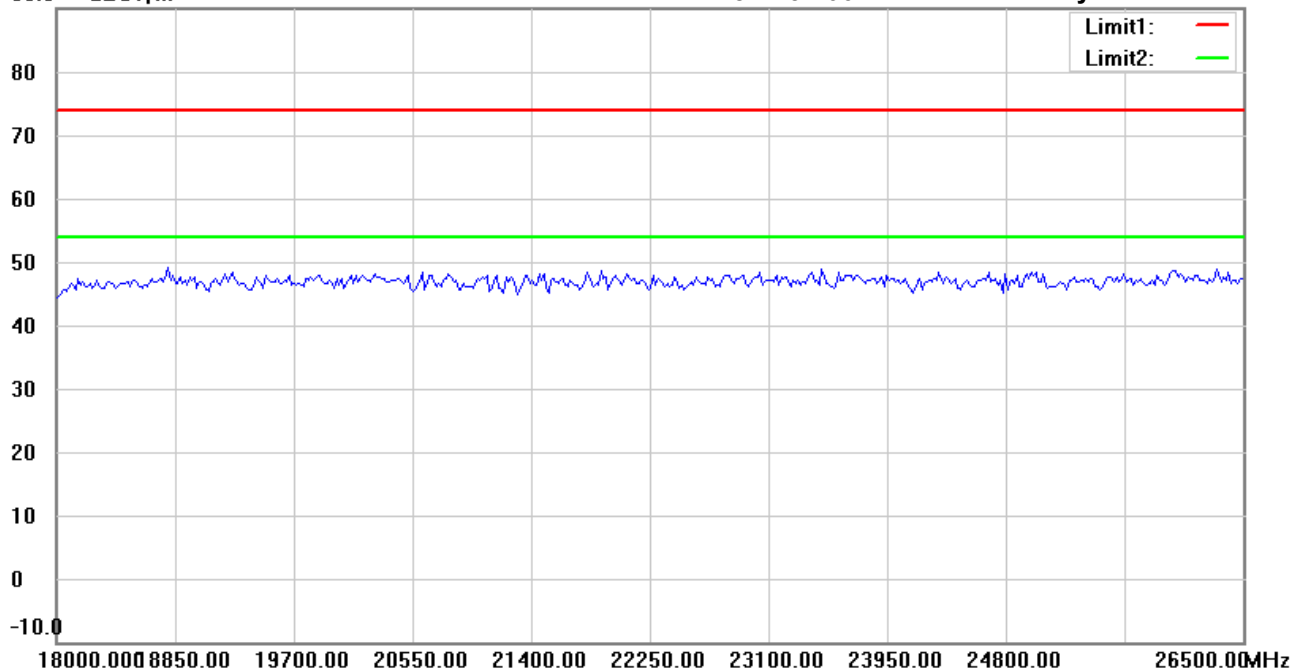
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 1:54:06 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #1

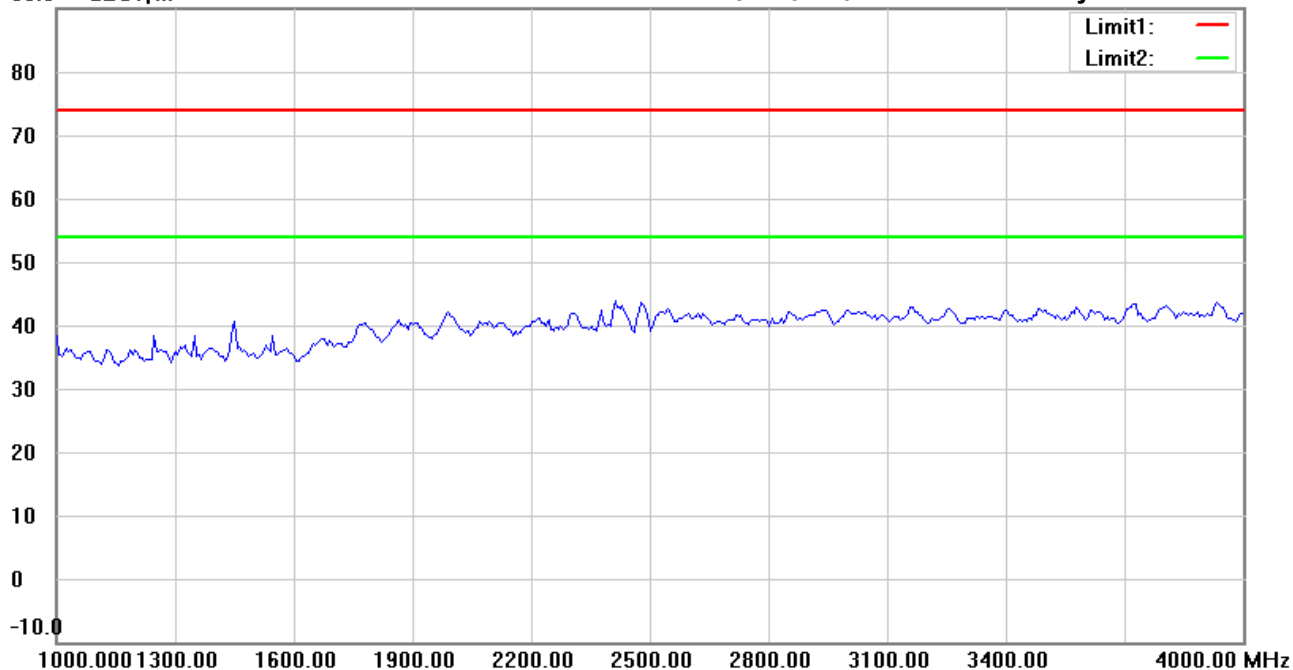
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:02:49 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

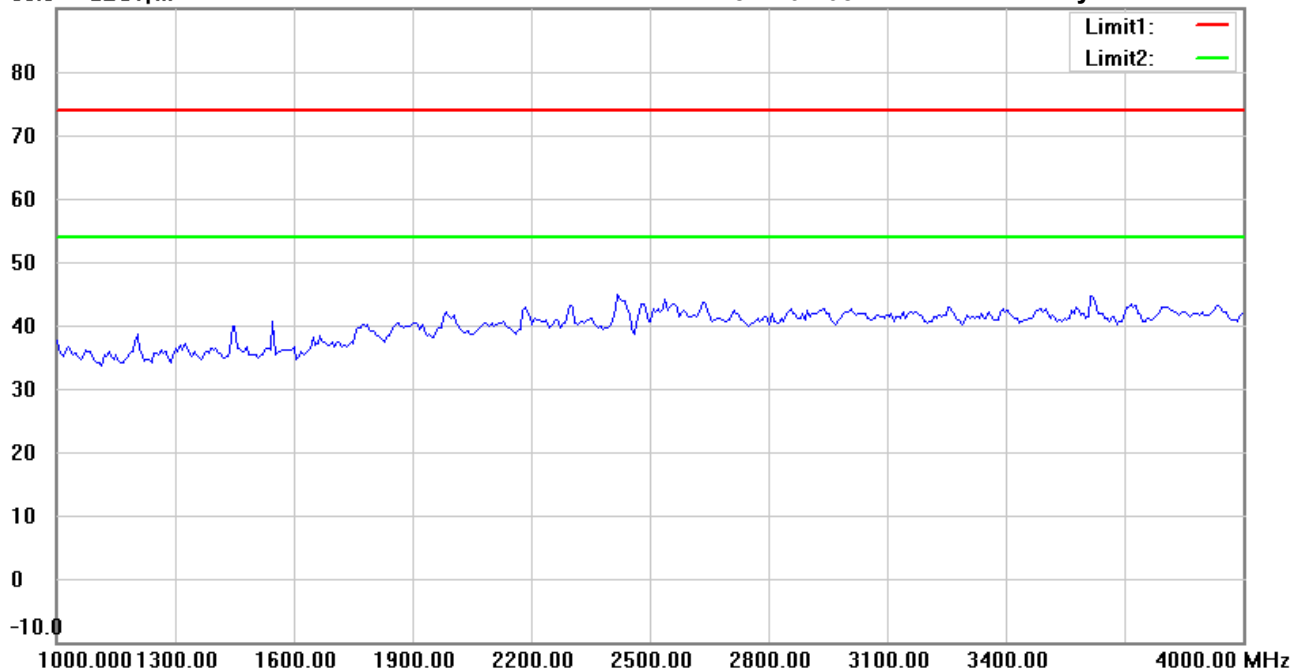
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:07:08 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #2

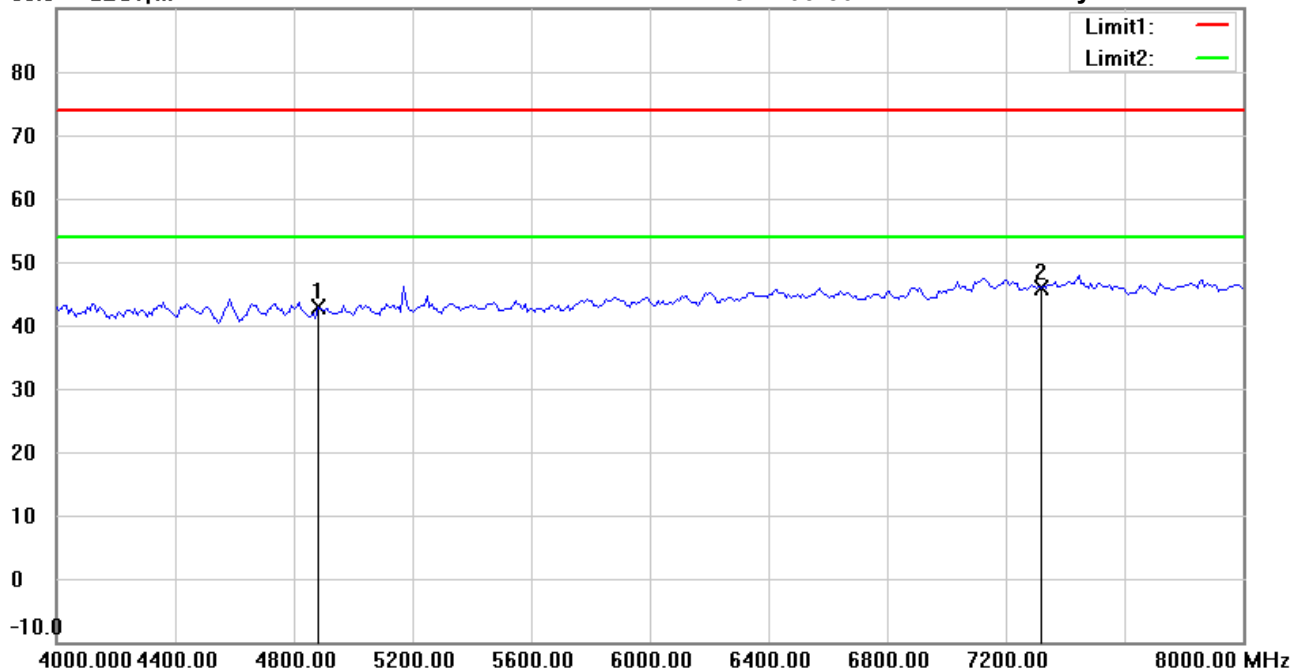
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:03:50 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.776	41.06	peak	1.72	42.78	74.00	150	99	-31.22	
*	7311.362	40.03	peak	5.79	45.82	74.00	150	150	-28.18	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #7

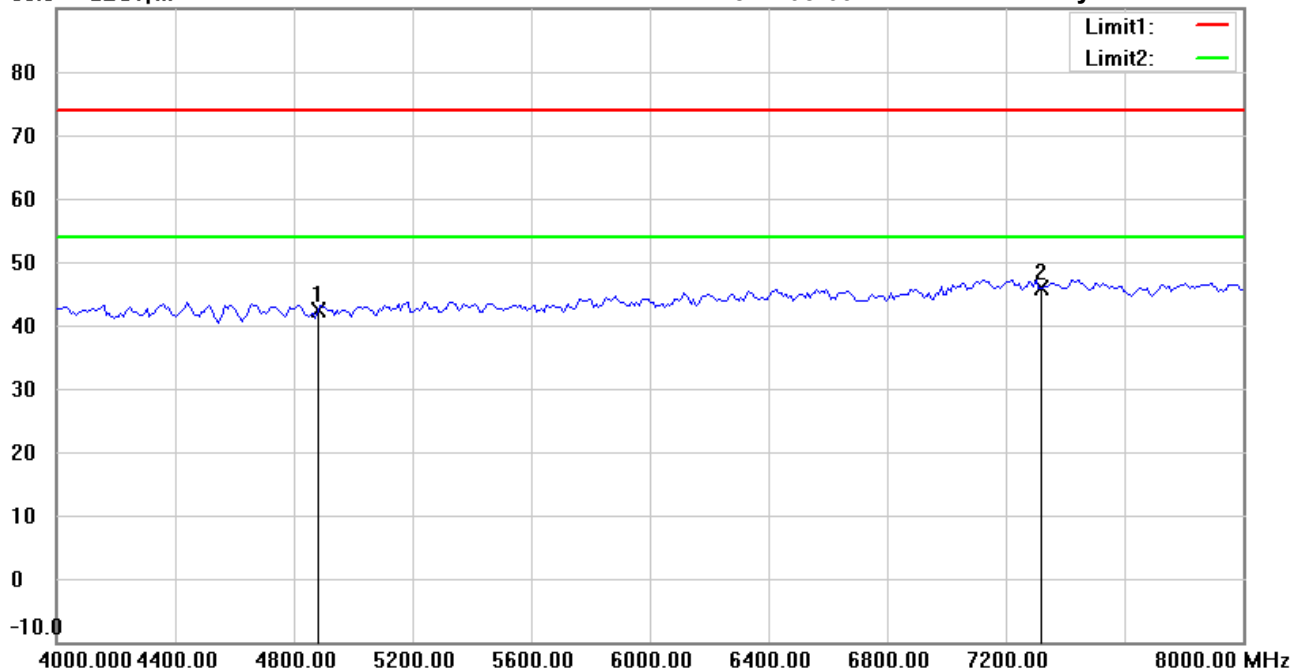
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:08:09 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.751	40.72	peak	1.72	42.44	74.00	150	194	-31.56	
*	7311.240	40.13	peak	5.79	45.92	74.00	150	277	-28.08	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#3

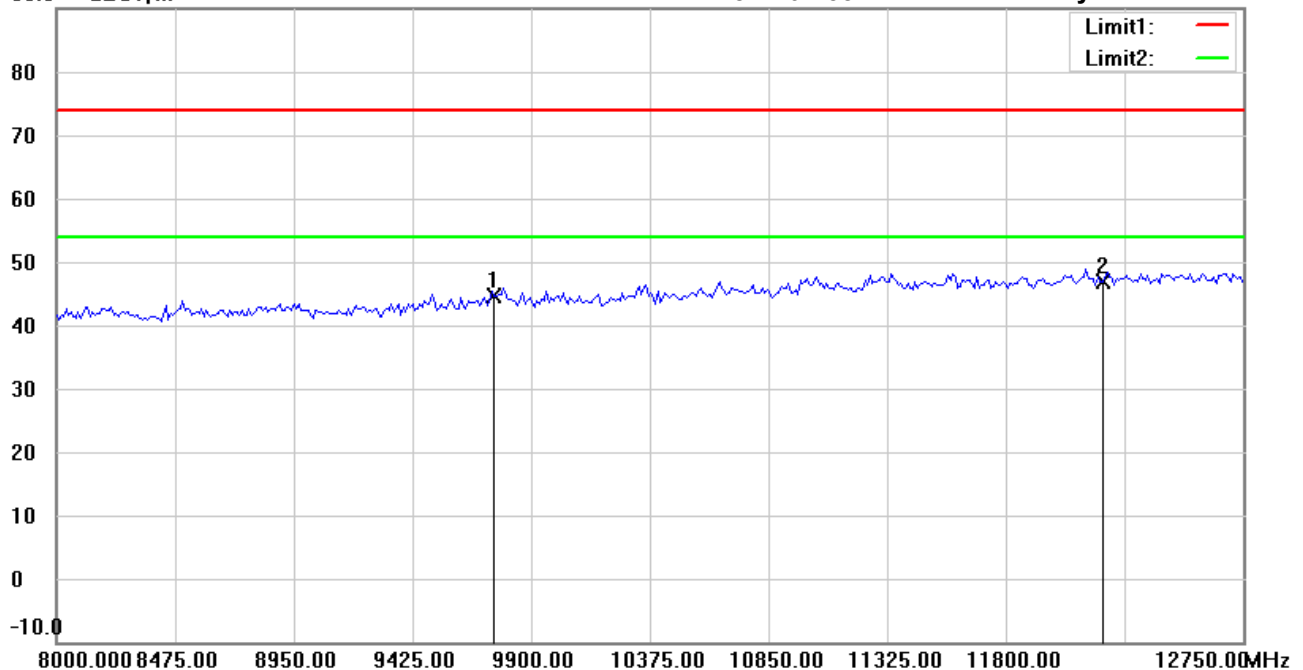
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:04:58 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.378	35.05	peak	9.56	44.61	74.00	150	276	-29.39	
*	12185.014	32.12	peak	14.72	46.84	74.00	150	145	-27.16	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #8

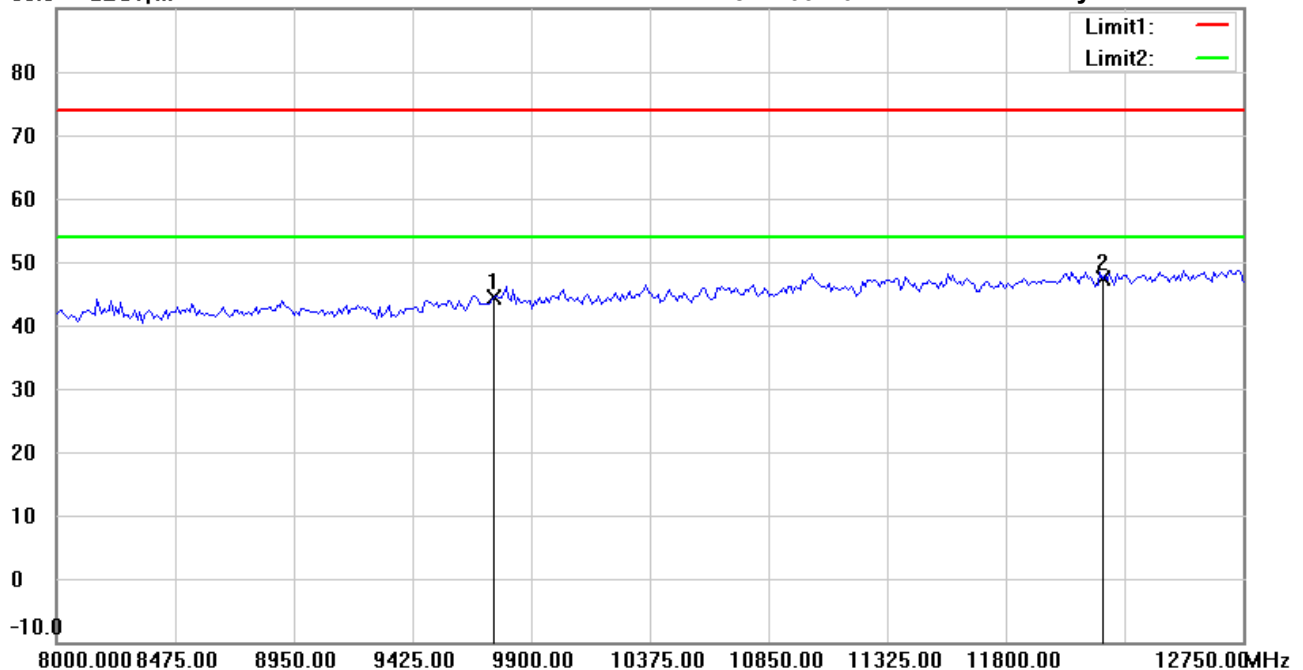
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:09:10 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.962	34.85	peak	9.56	44.41	74.00	150	342	-29.59	
*	12185.105	32.76	peak	14.72	47.48	74.00	150	100	-26.52	

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



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

Operator: Allen

File : 3

Data : #4

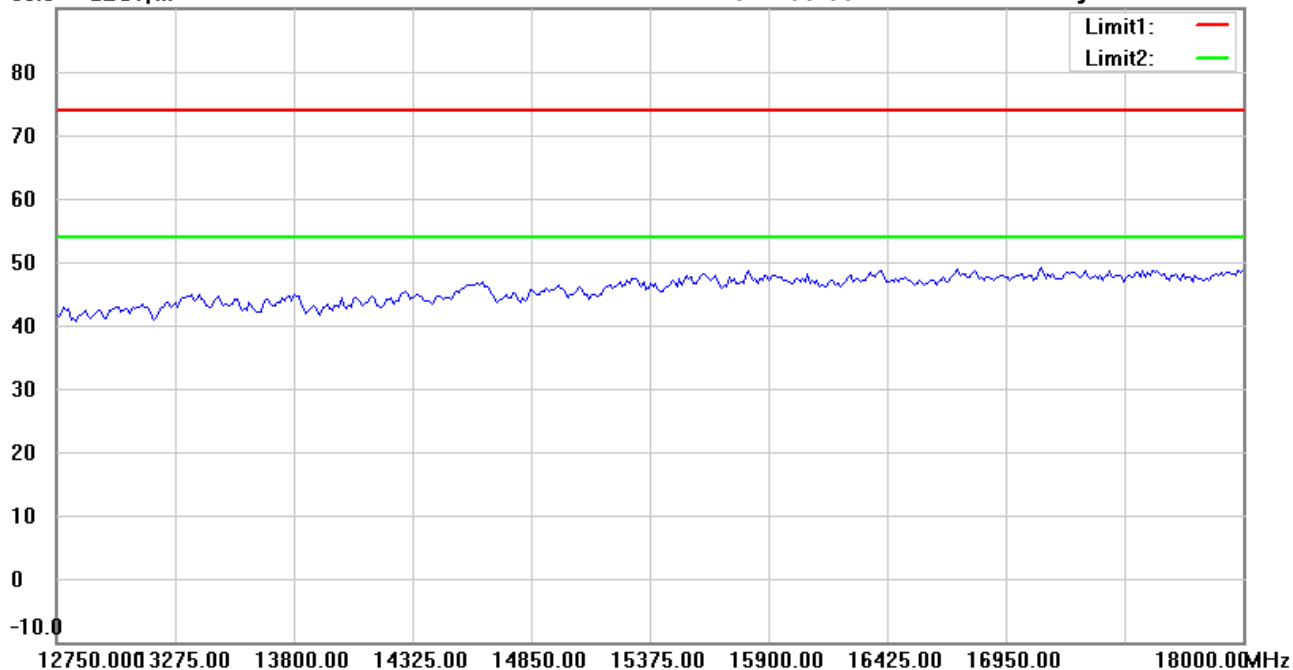
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:05:56 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#9

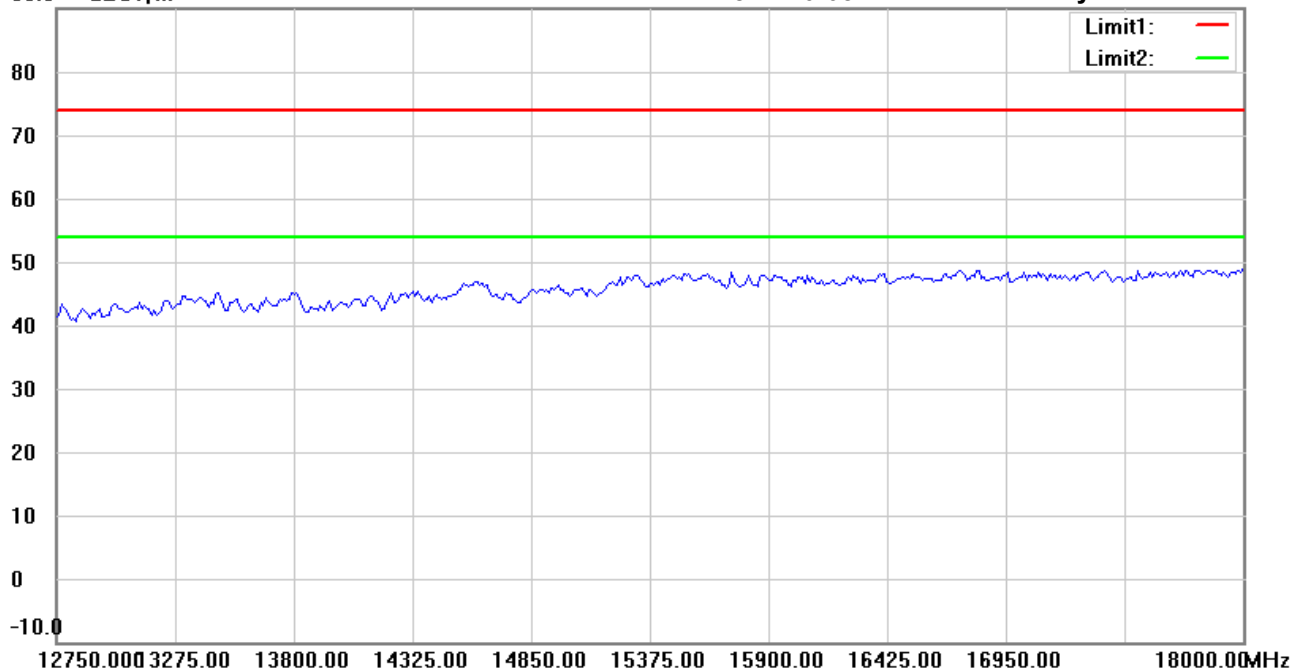
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:10:08 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

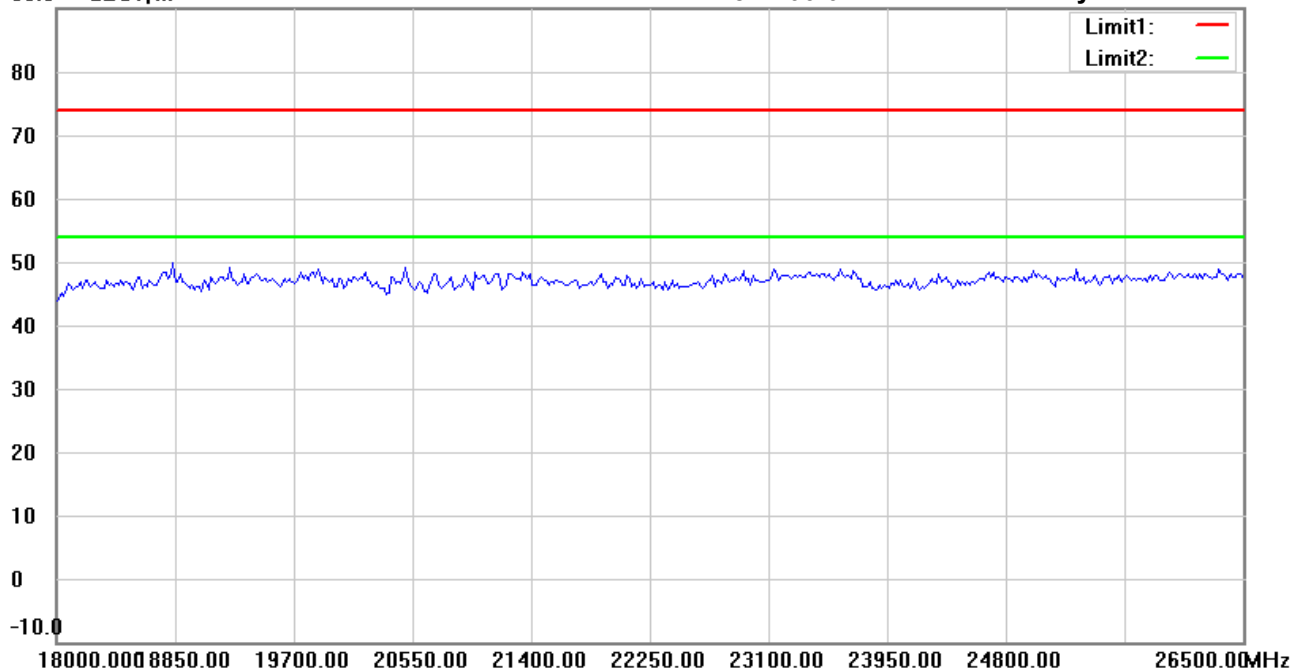
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:06:07 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

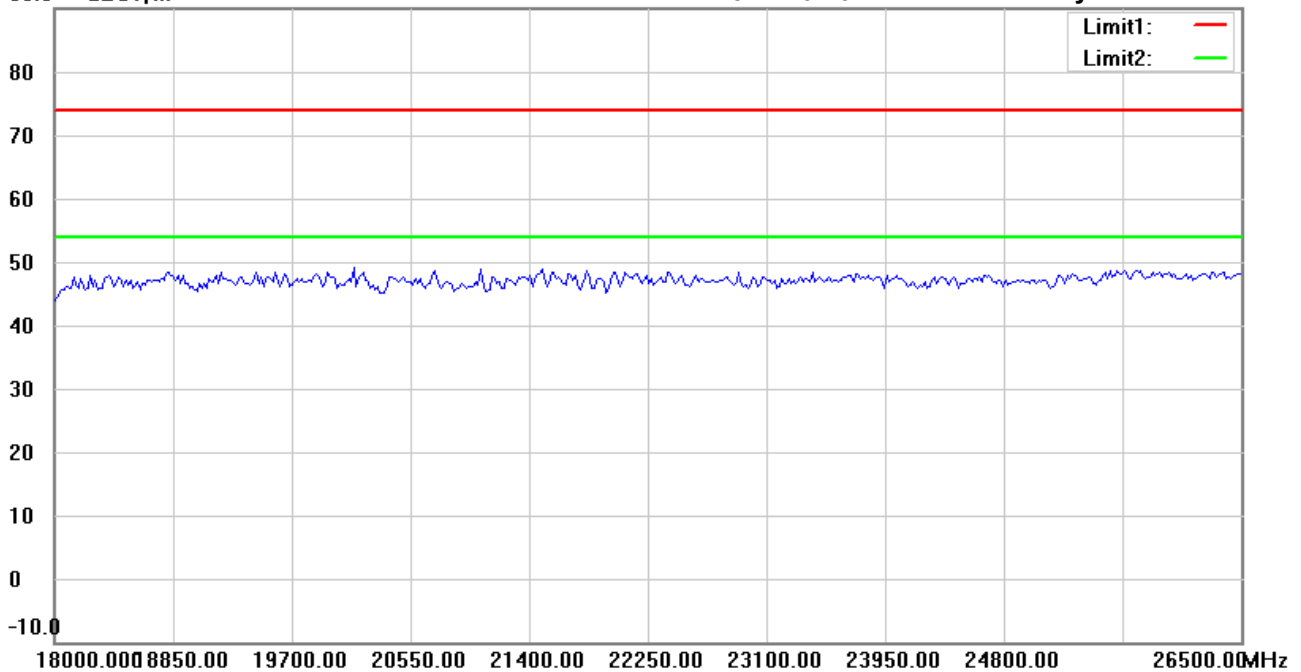
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:10:19 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #1

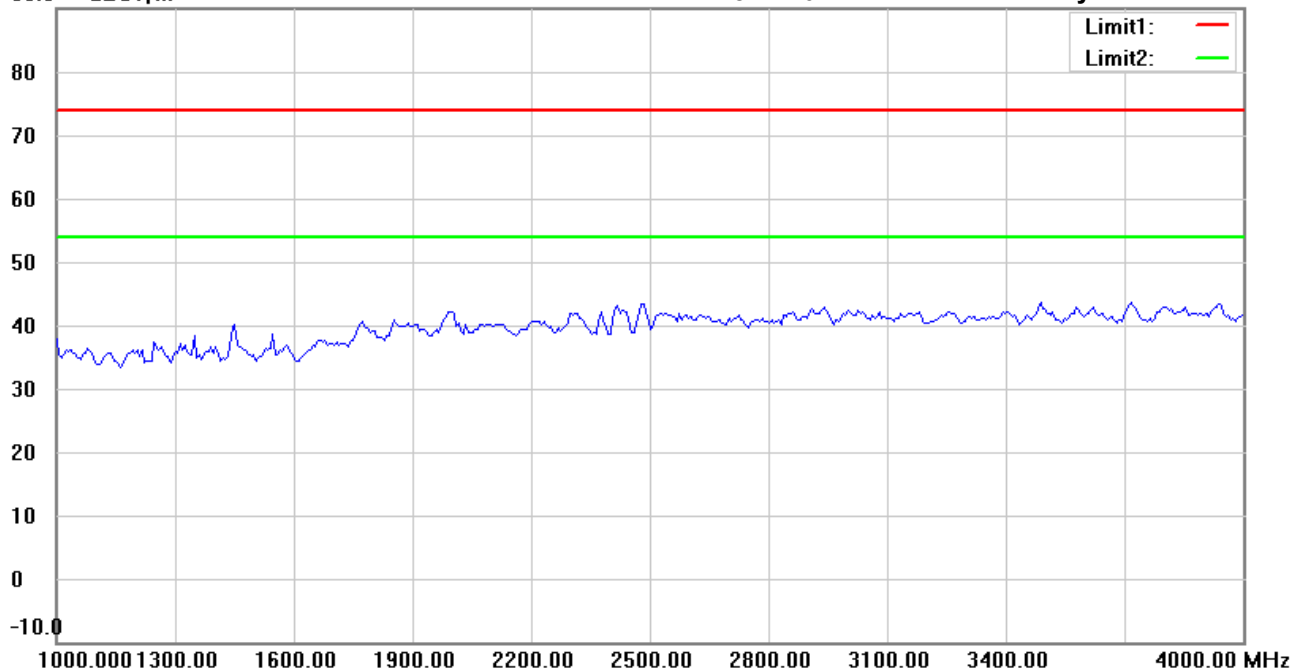
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:20:44 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

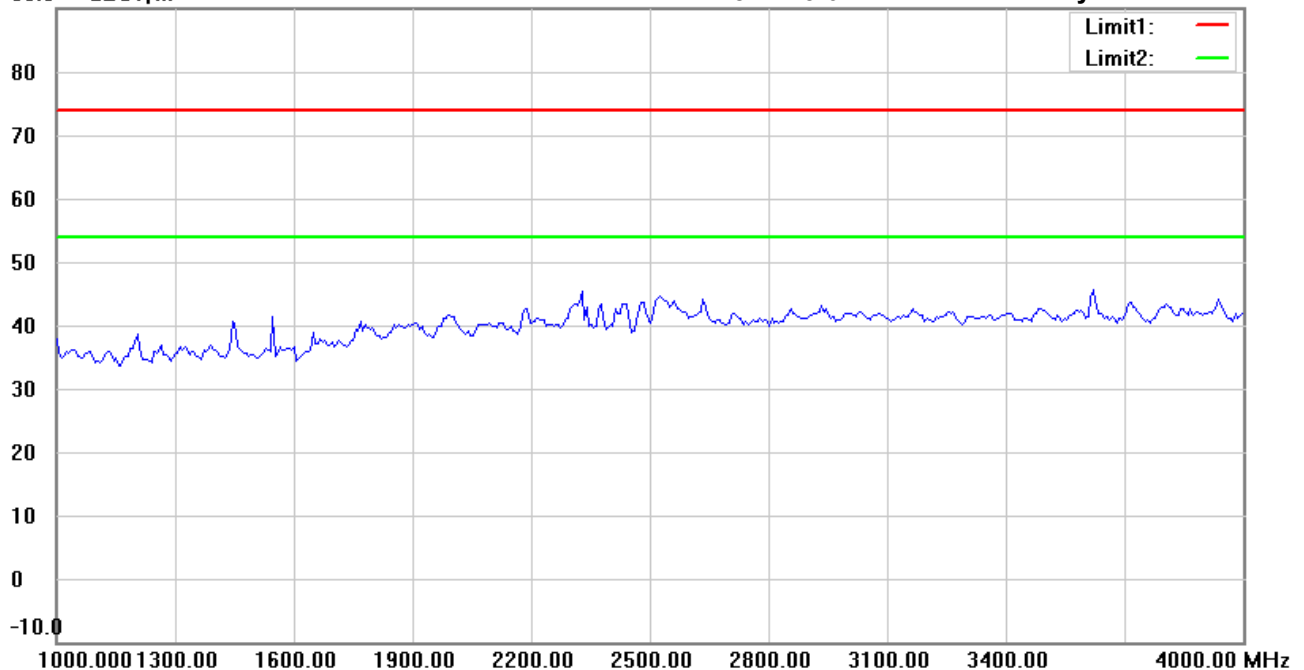
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:25:02 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #2

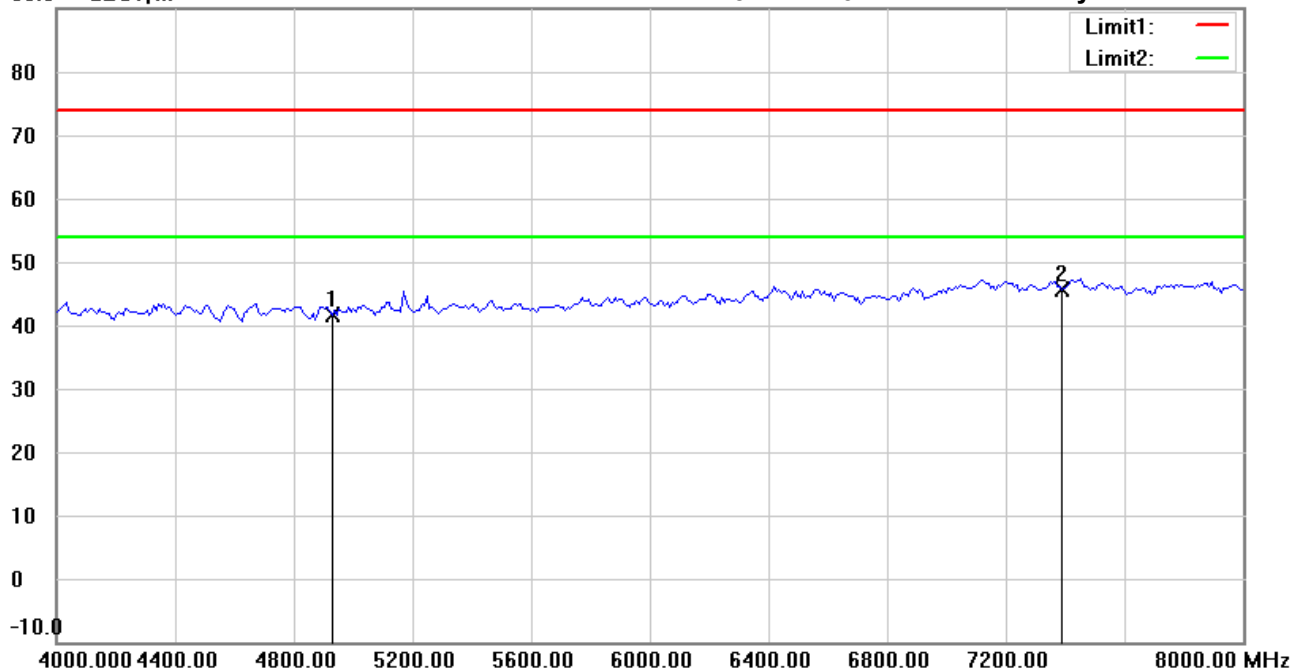
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:21:45 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.689	39.69	peak	1.87	41.56	74.00	150	100	-32.44	
*	7386.215	39.48	peak	6.26	45.74	74.00	150	347	-28.26	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

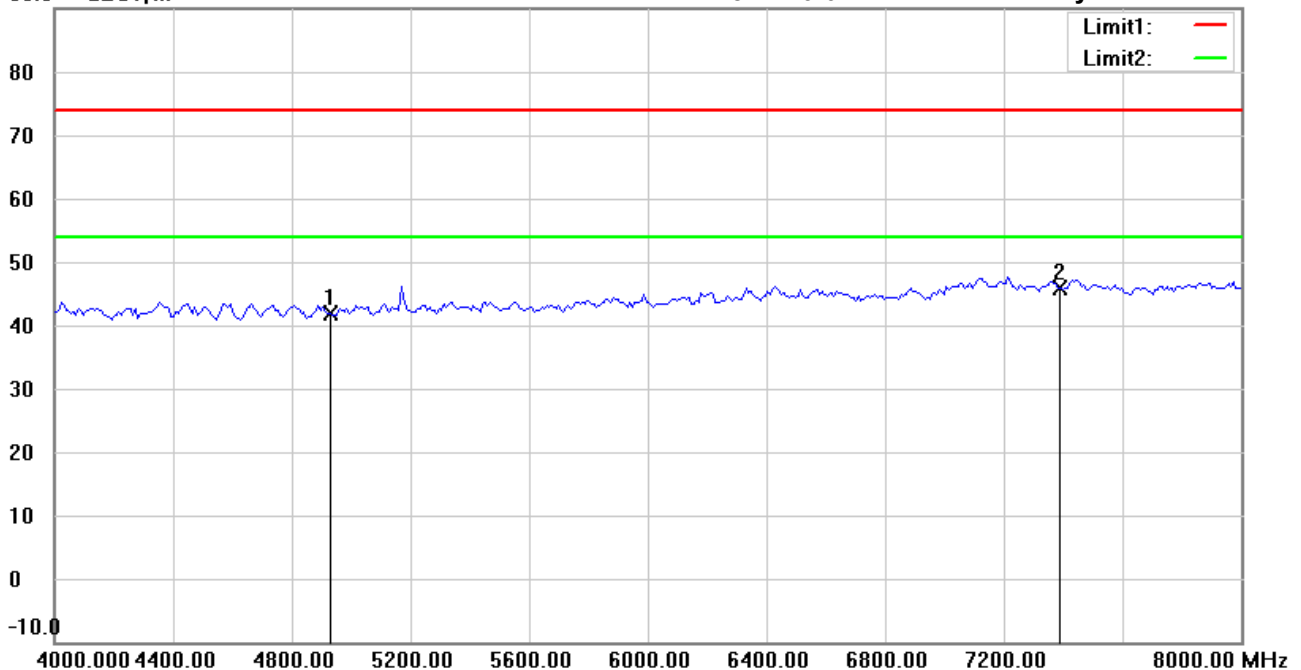
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:26:04 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.338	40.11	peak	1.87	41.98	74.00	150	166	-32.02	
*	7386.917	39.54	peak	6.27	45.81	74.00	150	325	-28.19	

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



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Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

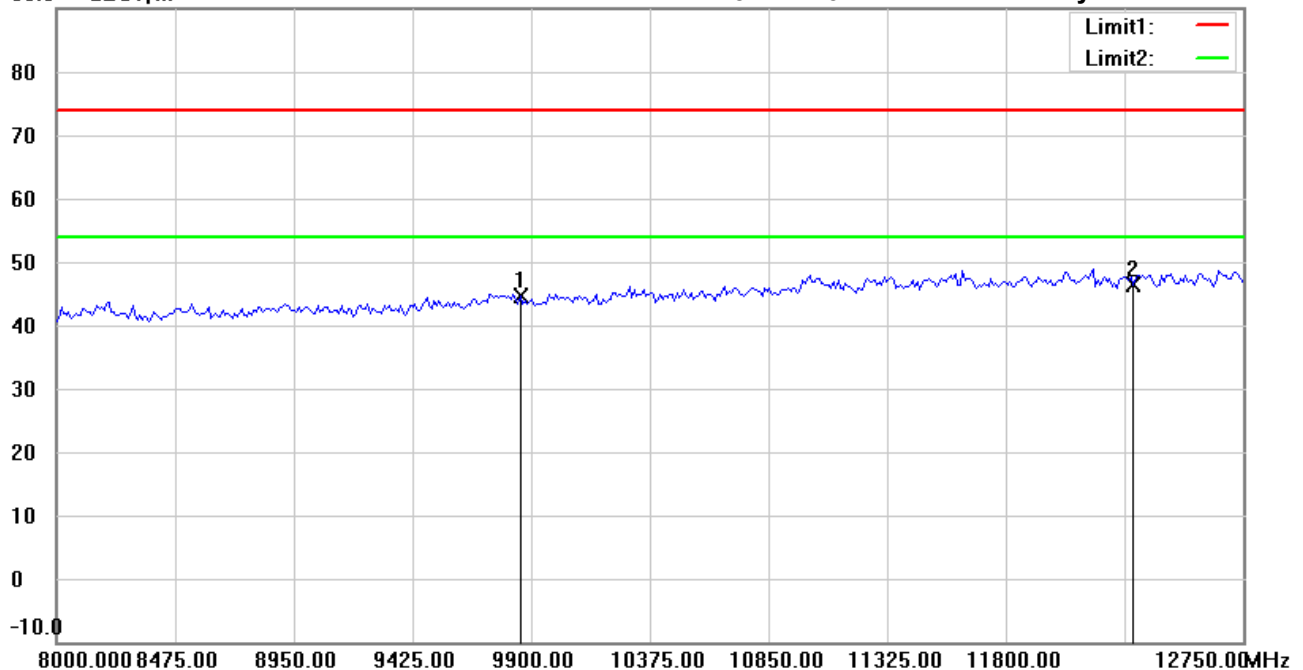
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:22:52 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.039	35.12	peak	9.44	44.56	74.00	150	157	-29.44	
*	12310.294	32.27	peak	14.22	46.49	74.00	150	50	-27.51	

*: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: Allen

File :3

Data :#8

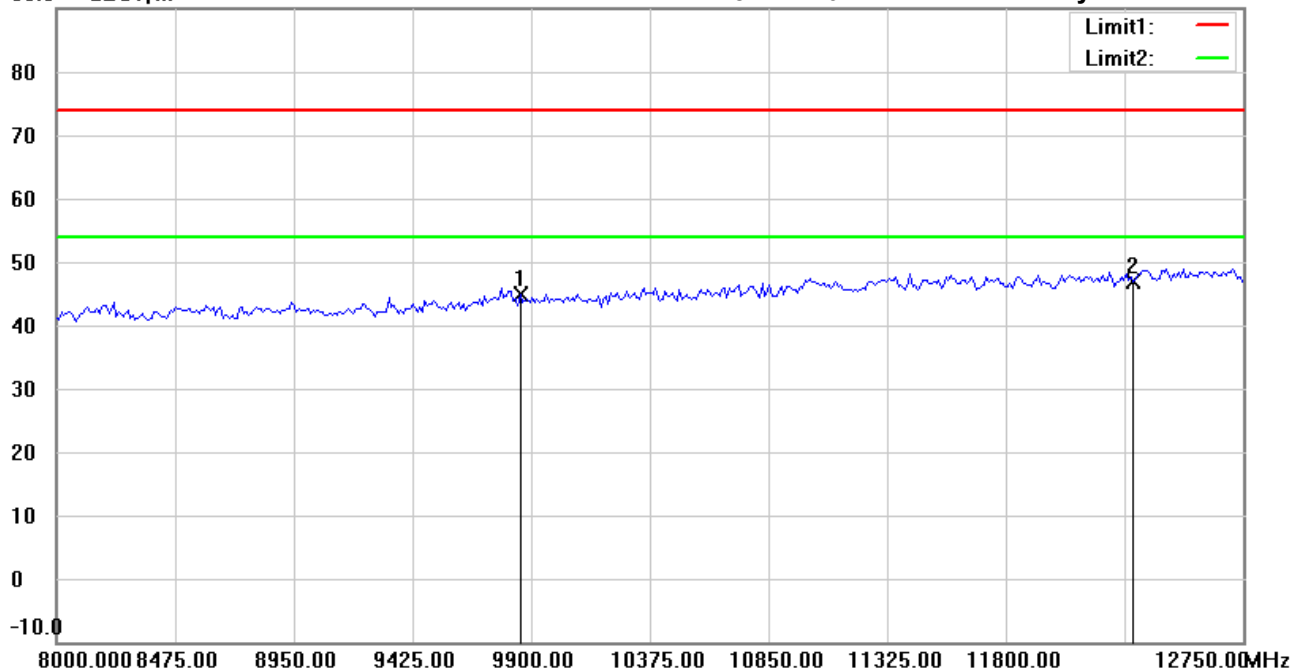
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:27:04 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.116	35.45	peak	9.44	44.89	74.00	150	79	-29.11	
*	12310.582	32.73	peak	14.23	46.96	74.00	150	280	-27.04	

*: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: Allen

File : 3

Data : #4

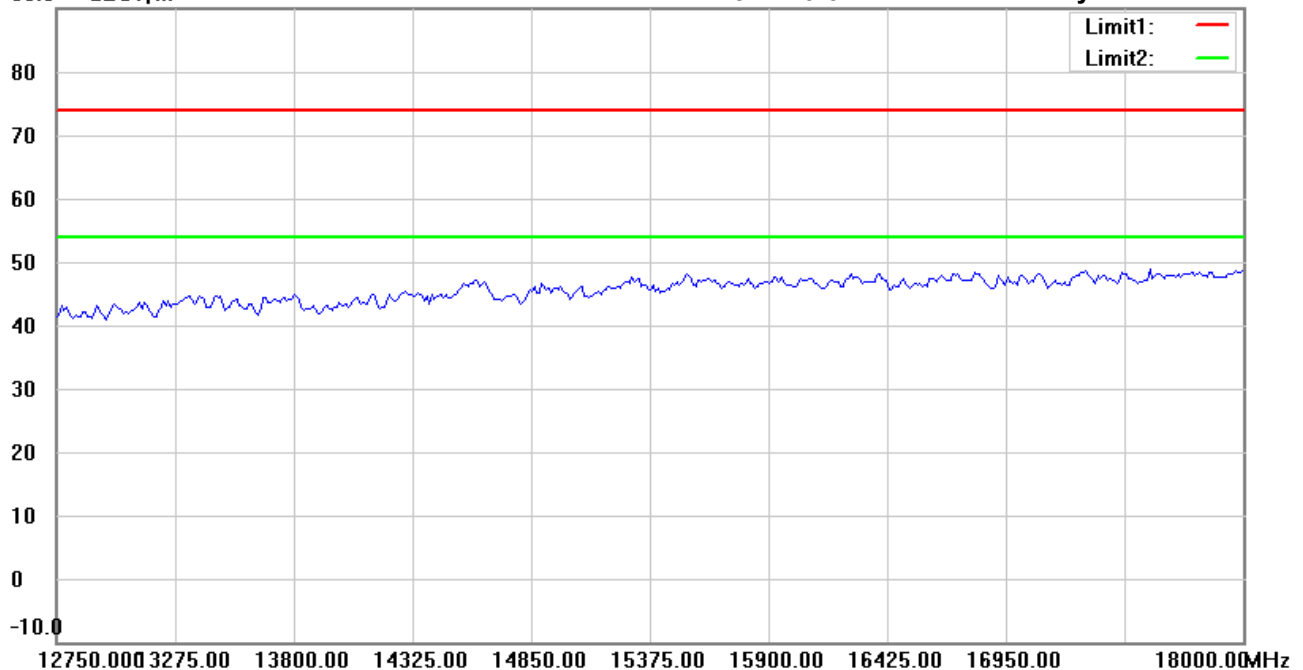
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:23:51 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

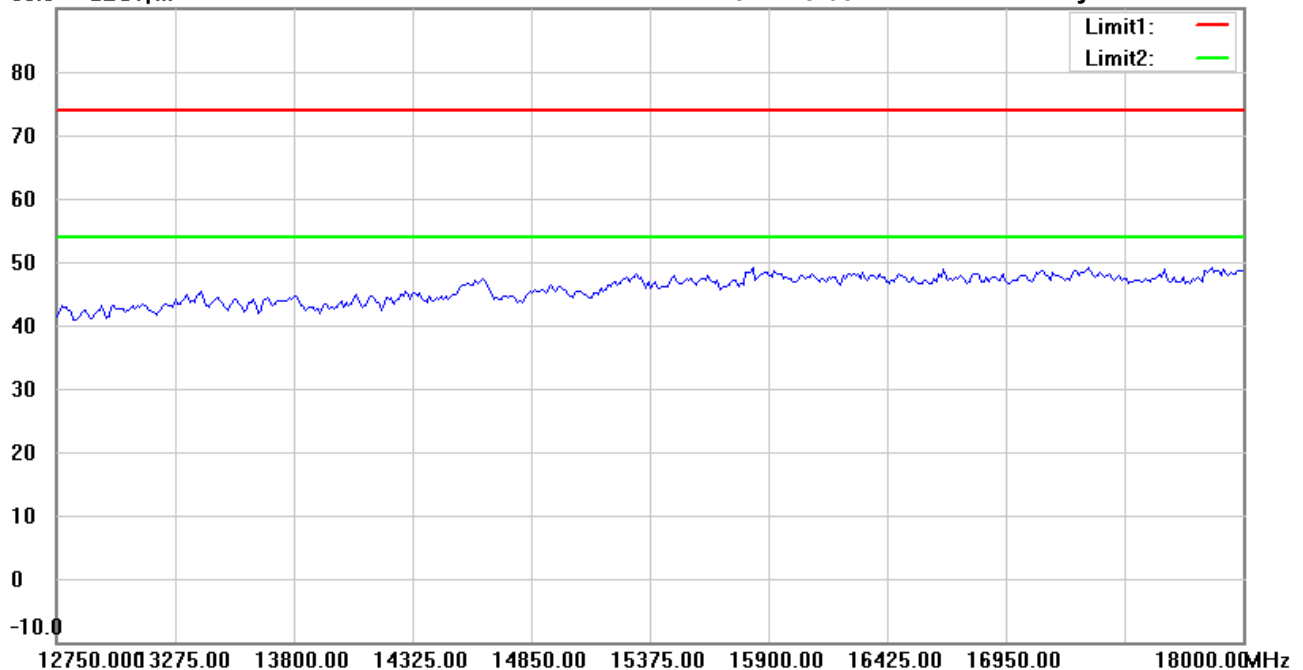
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:28:03 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

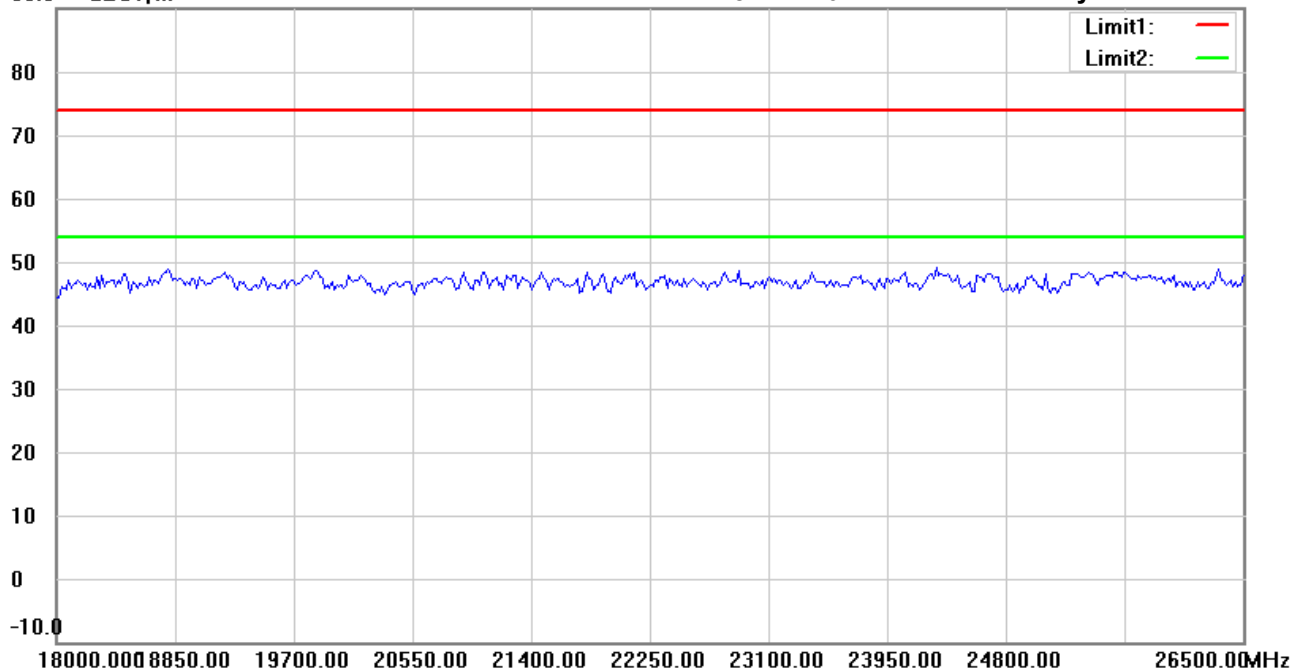
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:24:02 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

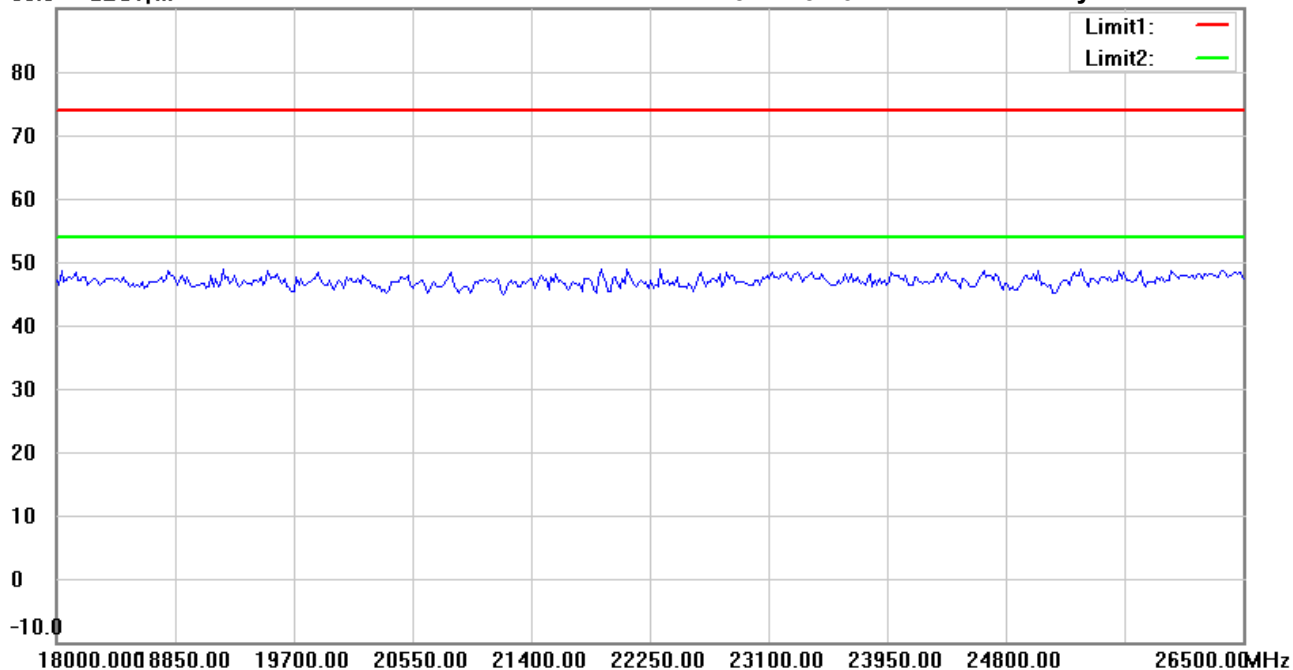
Date: 12/11/2021

Temperature: 23.5 °C

Time: 2:28:13 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #1

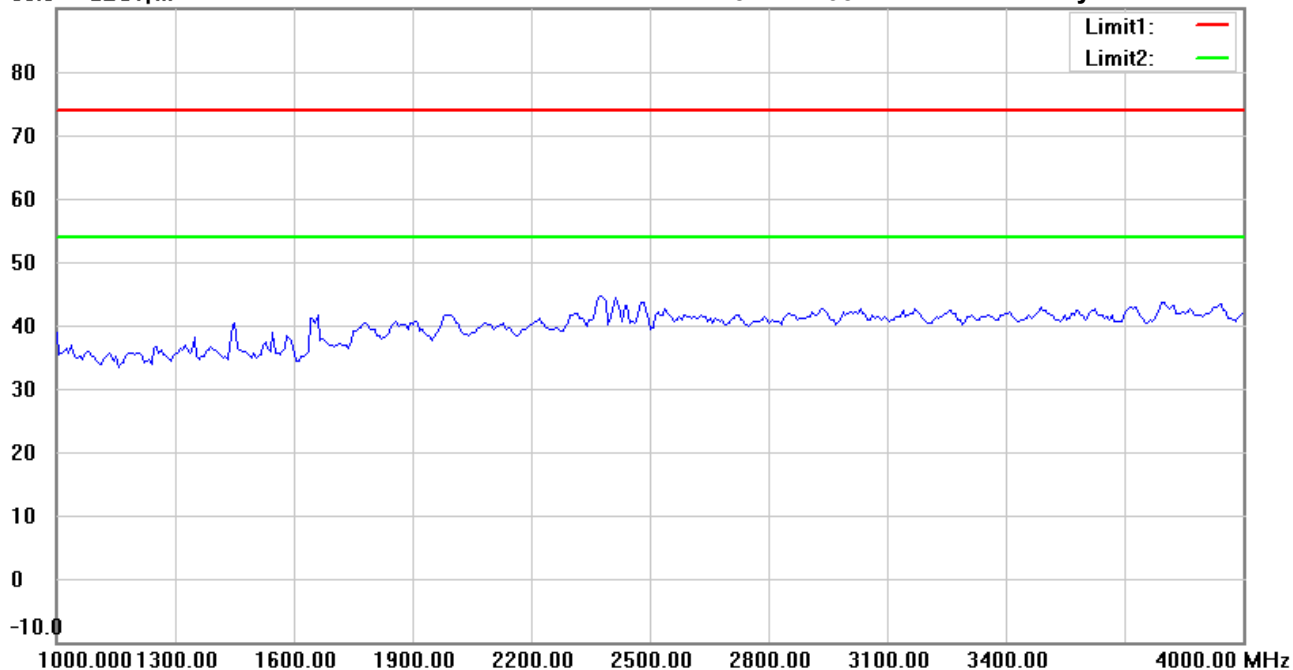
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:41:38 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

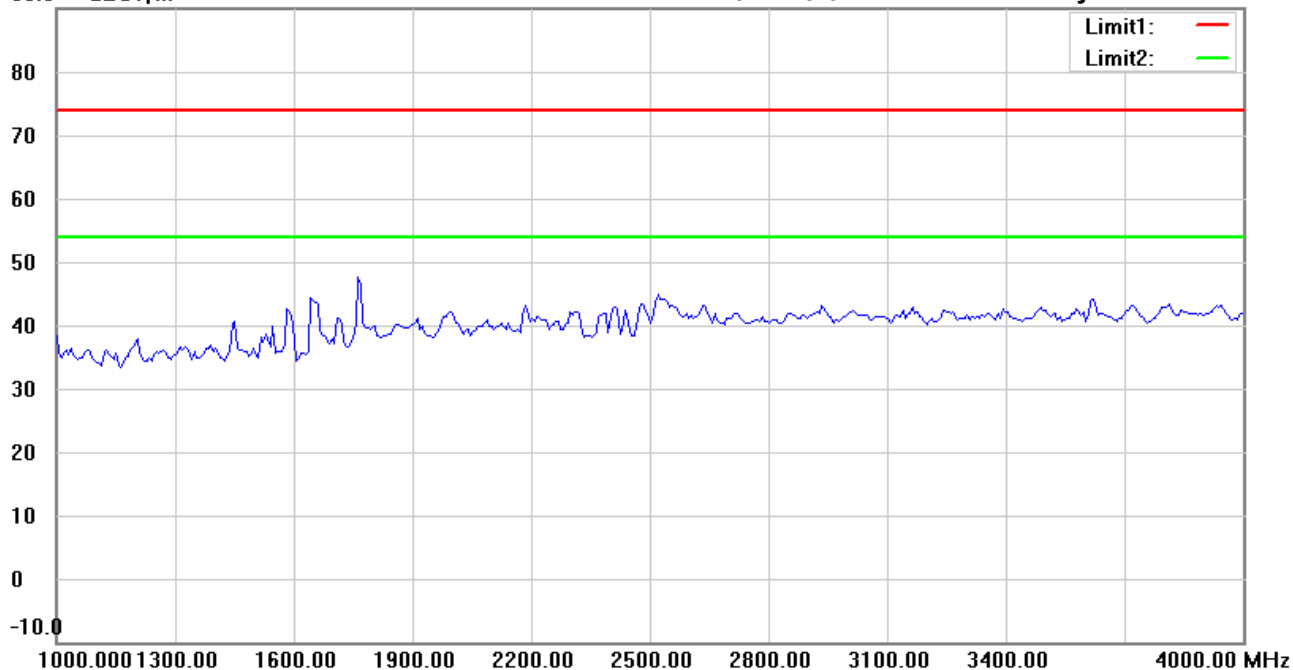
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:45:57 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#2

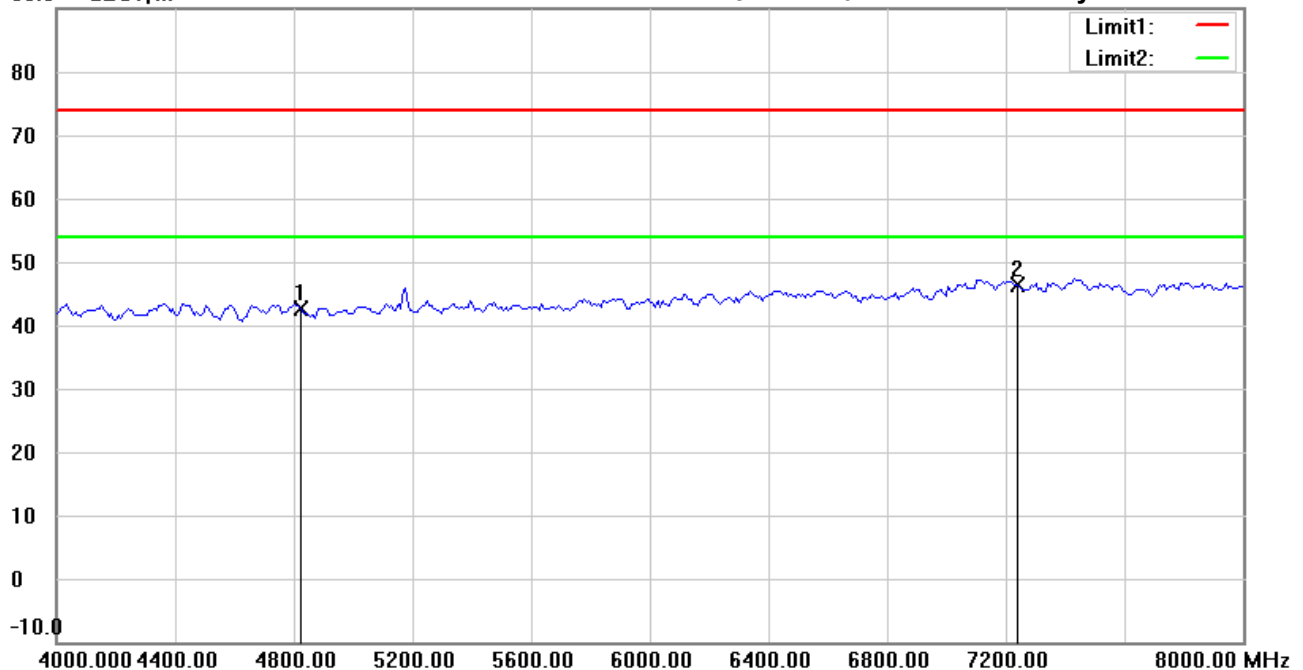
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:42:40 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.386	41.07	peak	1.46	42.53	74.00	150	226	-31.47	
*	7236.070	40.36	peak	5.93	46.29	74.00	150	58	-27.71	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#7

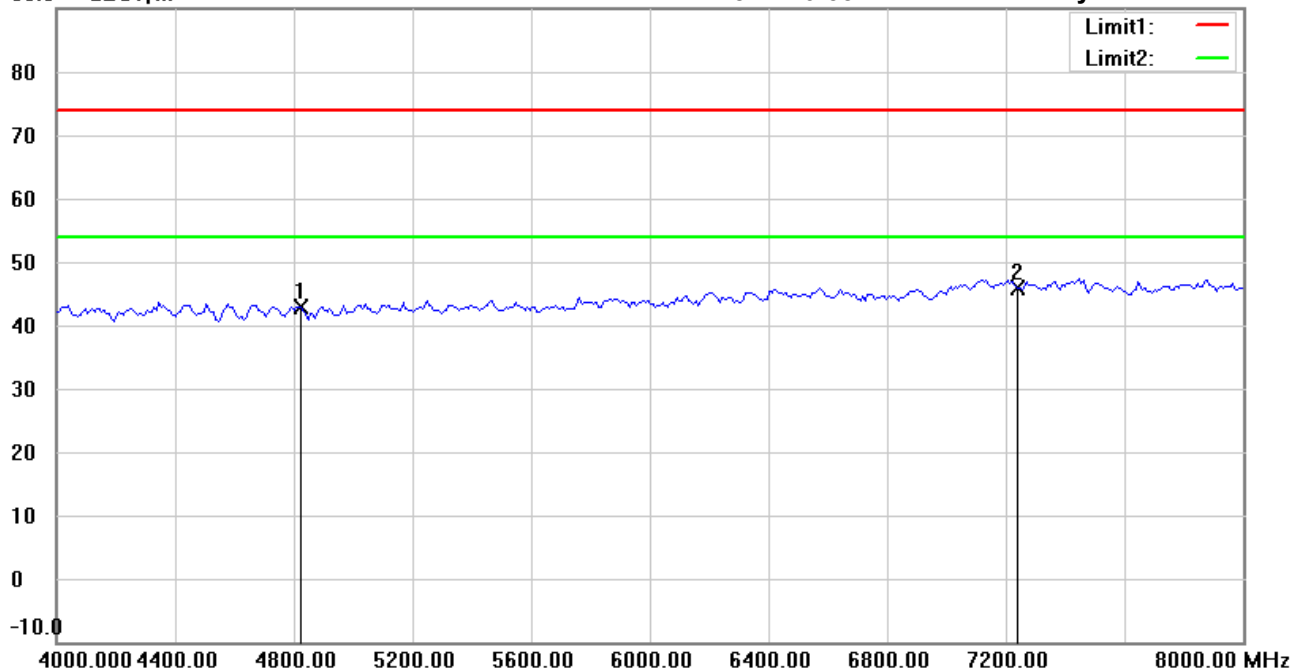
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:46:58 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.726	41.33	peak	1.47	42.80	74.00	150	105	-31.20	
*	7236.334	39.86	peak	5.93	45.79	74.00	150	286	-28.21	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#3

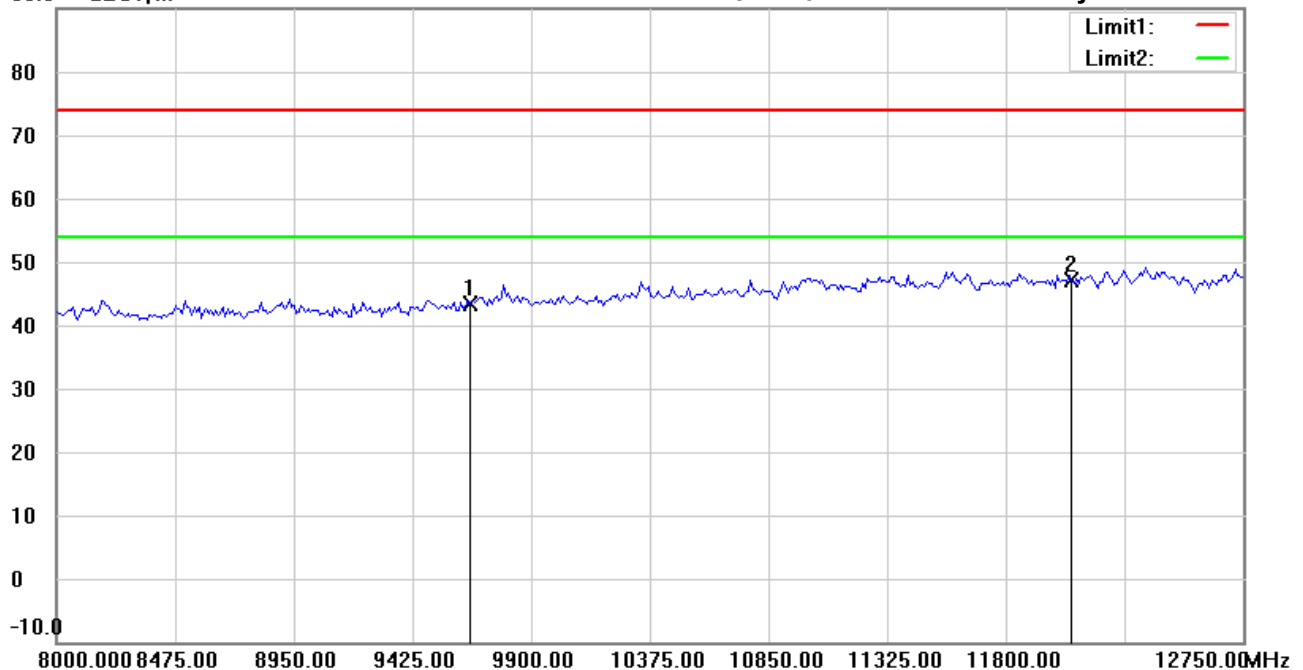
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:43:47 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.425	34.32	peak	8.94	43.26	74.00	150	269	-30.74	
*	12060.110	33.22	peak	13.96	47.18	74.00	150	150	-26.82	

*: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: Allen

File : 3

Data : #8

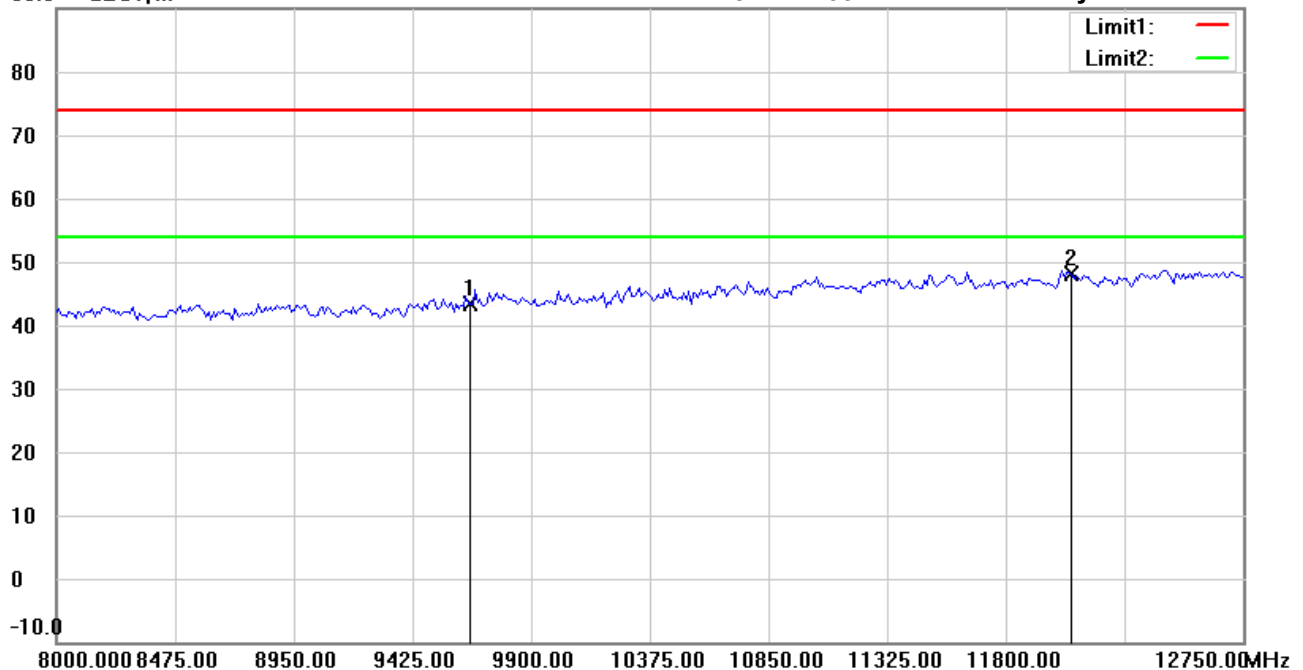
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:47:58 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.758	34.38	peak	8.94	43.32	74.00	150	332	-30.68	
*	12060.142	34.18	peak	13.96	48.14	74.00	150	140	-25.86	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#4

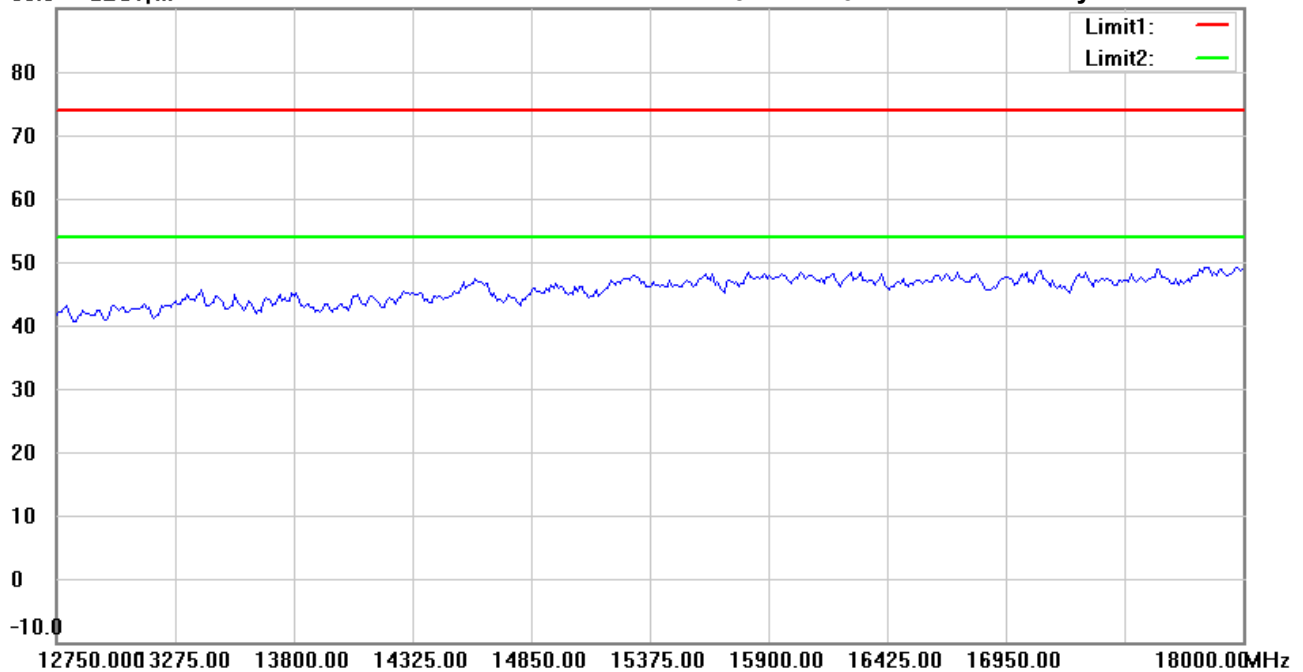
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:44:45 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

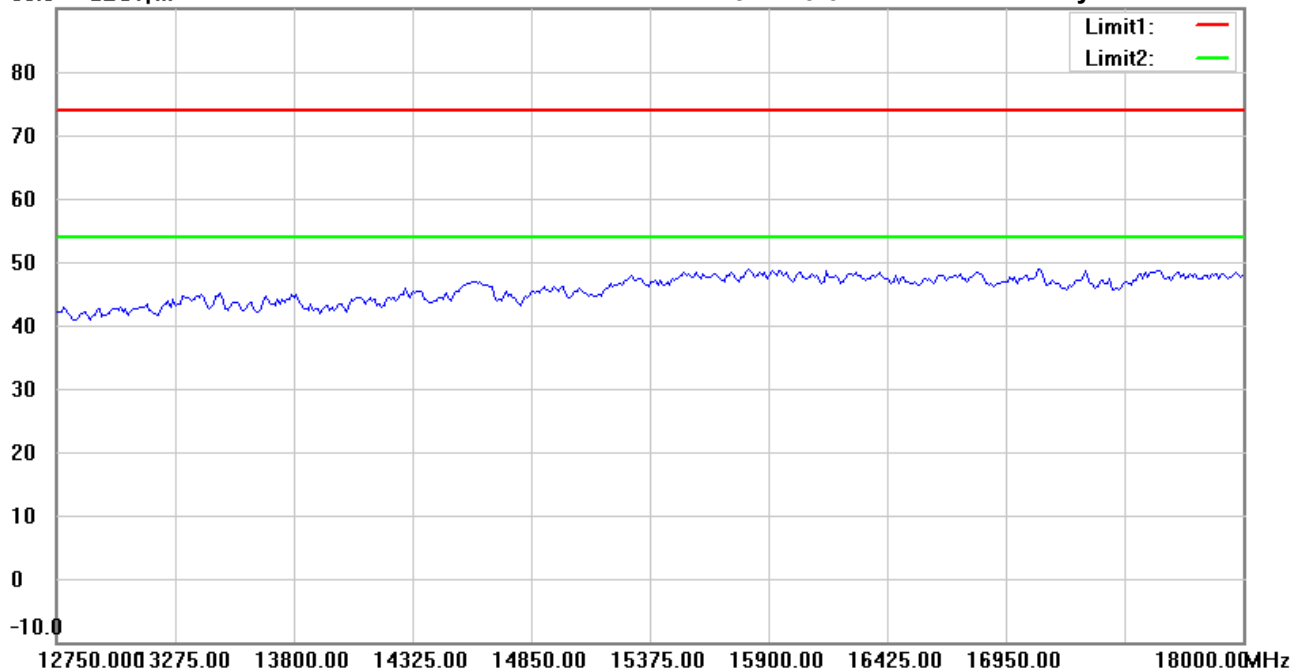
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:48:57 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

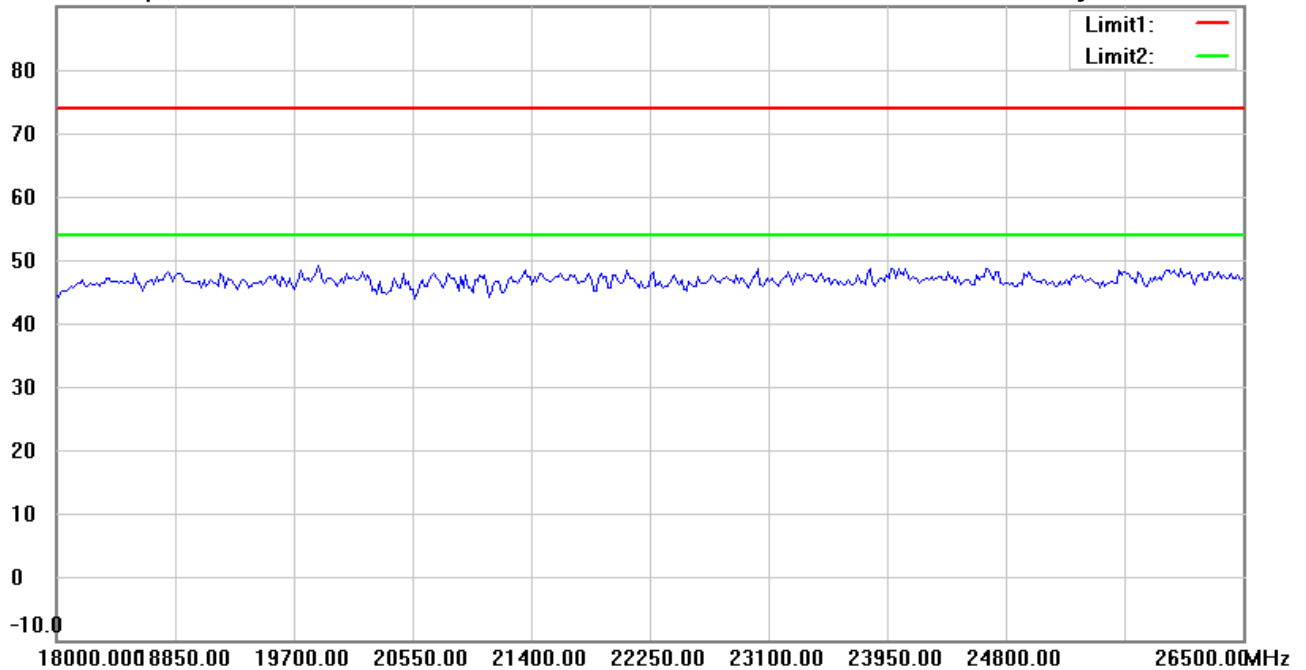
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:44:56 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

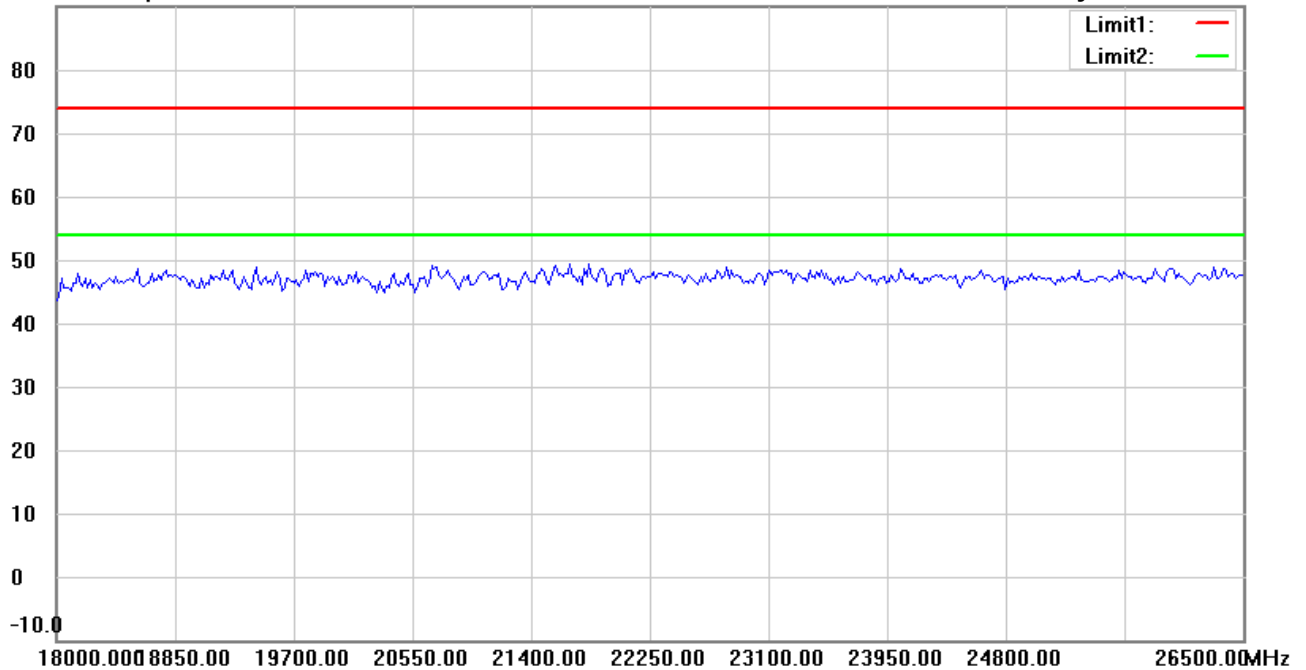
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 2:49:07 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M22108-21141

Power : PoE

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #1

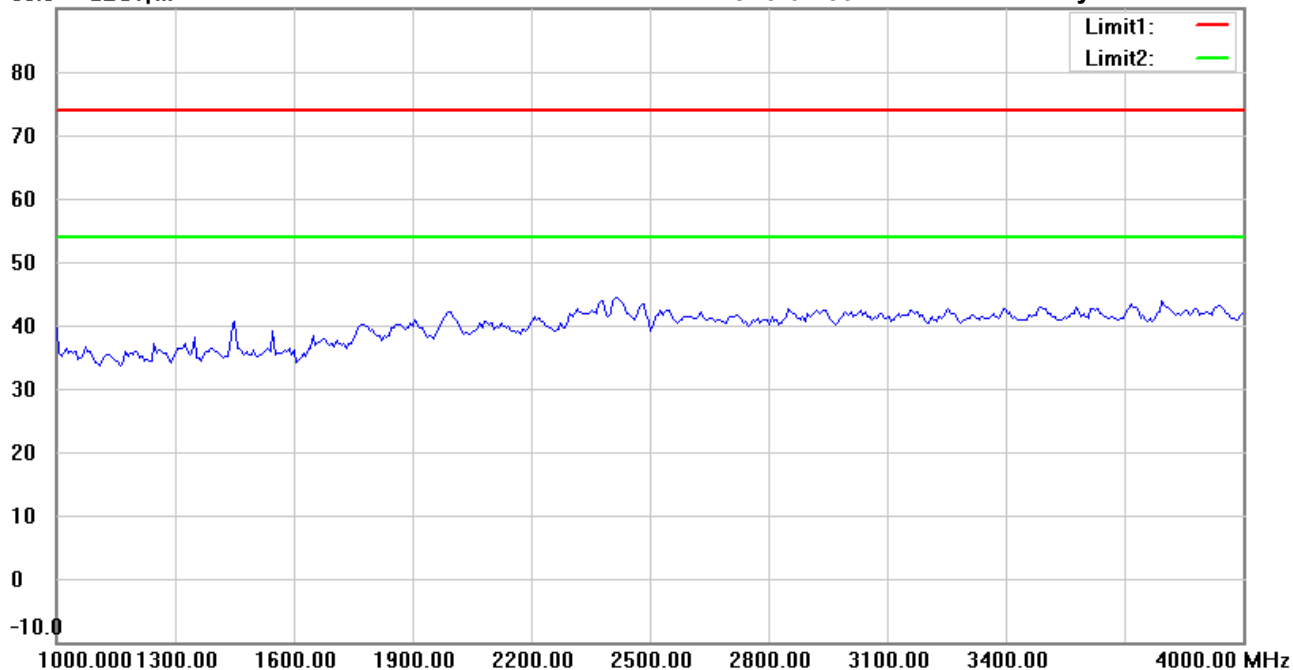
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:01:33 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

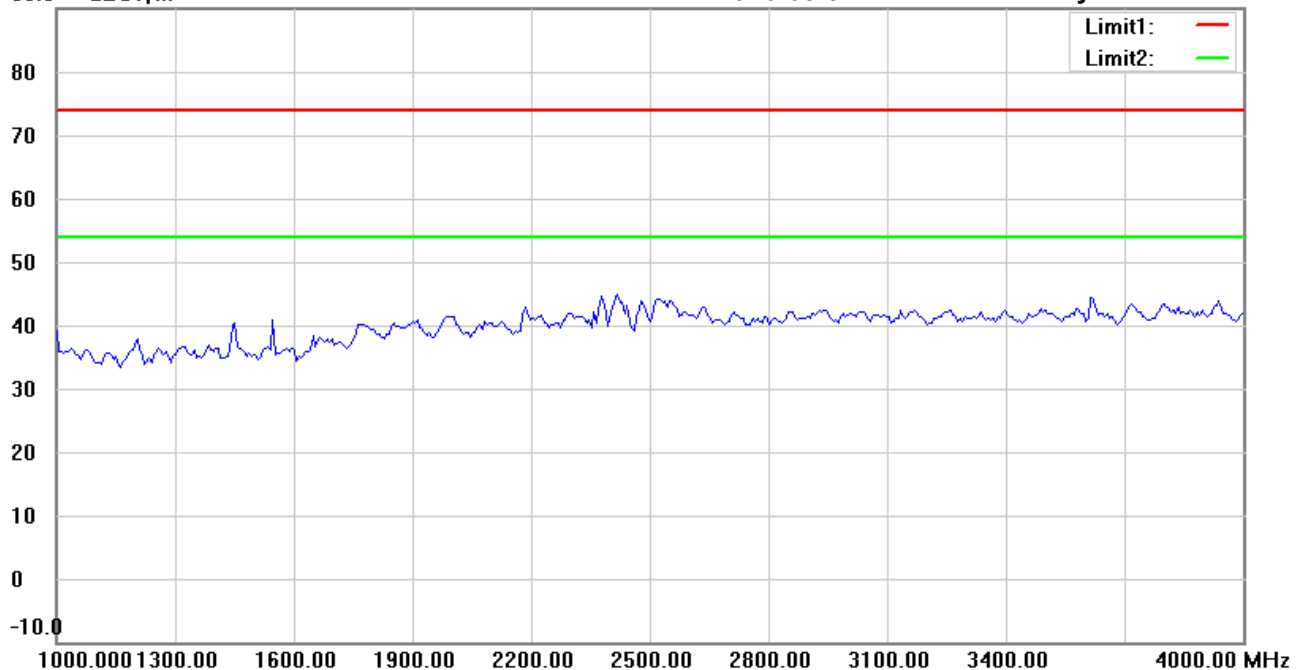
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:05:52 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #2

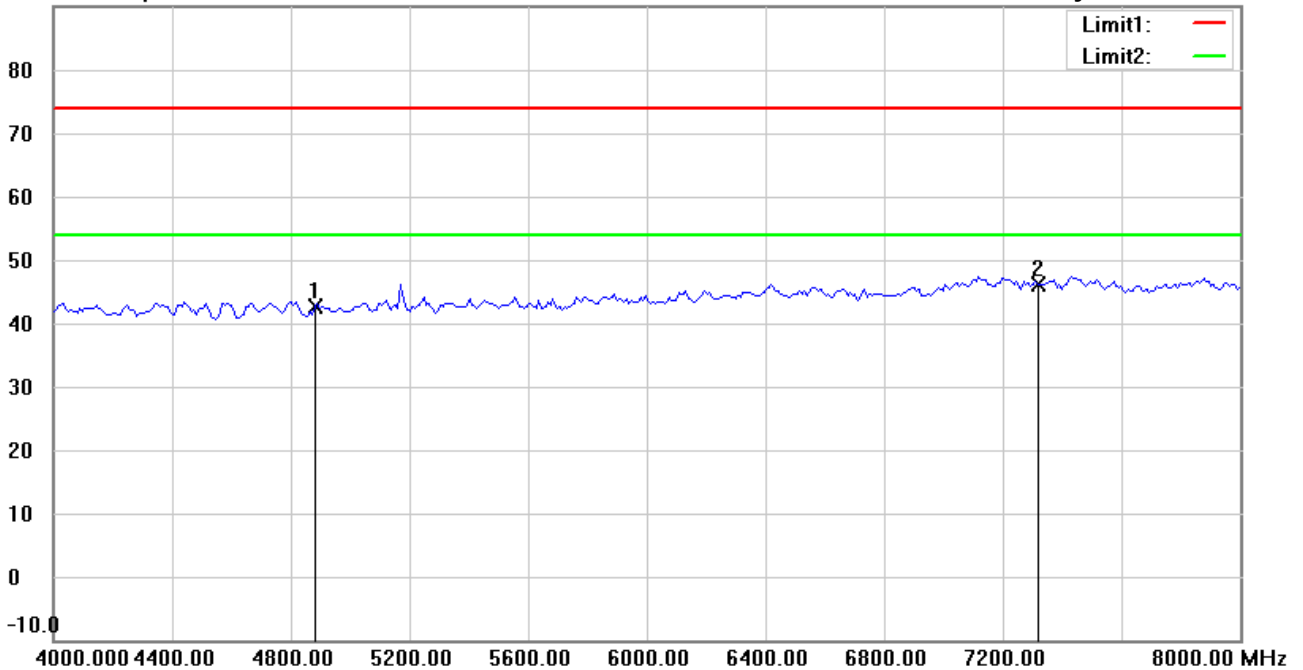
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:02:34 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.086	40.81	peak	1.72	42.53	74.00	150	116	-31.47	
*	7311.297	40.46	peak	5.79	46.25	74.00	150	245	-27.75	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #7

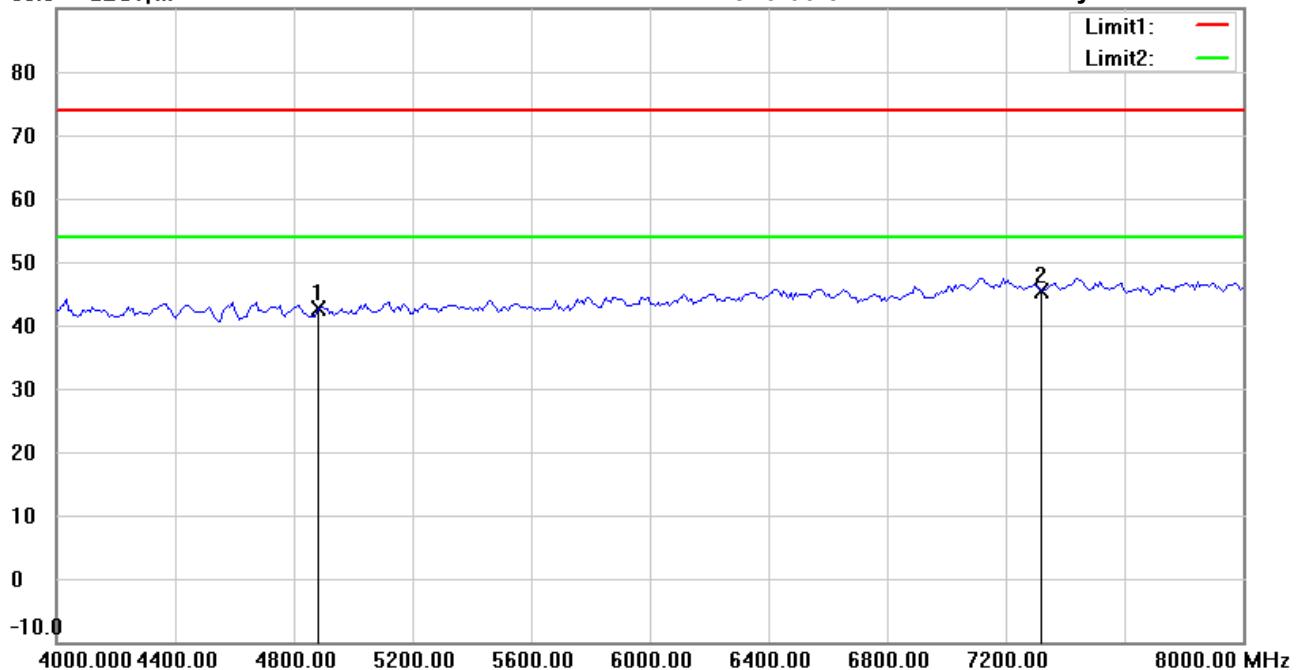
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:06:54 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.265	41.03	peak	1.72	42.75	74.00	150	42	-31.25	
*	7311.118	39.71	peak	5.79	45.50	74.00	150	208	-28.50	

*: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: Allen

File : 3

Data : #3

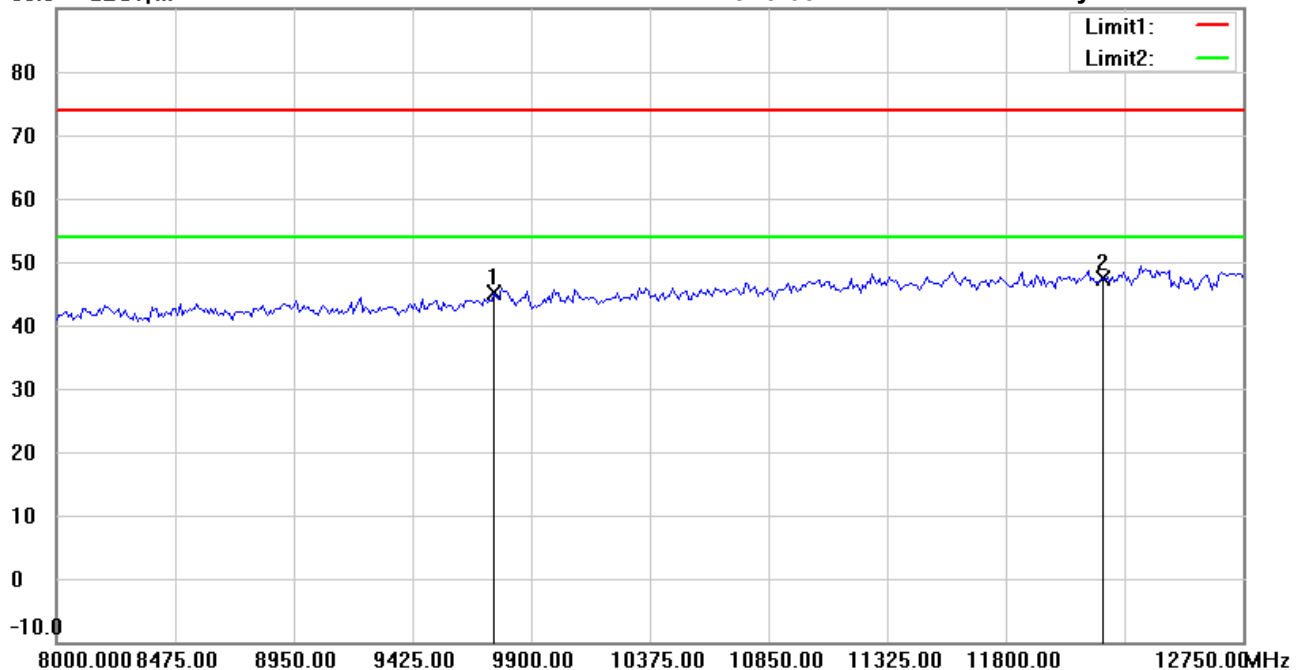
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:03:42 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.851	35.56	peak	9.56	45.12	74.00	150	228	-28.88	
*	12185.169	32.72	peak	14.72	47.44	74.00	150	15	-26.56	

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



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Fax: +886-2-6606-8875

Radiated Emission Measurement

Operator: Allen

File : 3

Data : #8

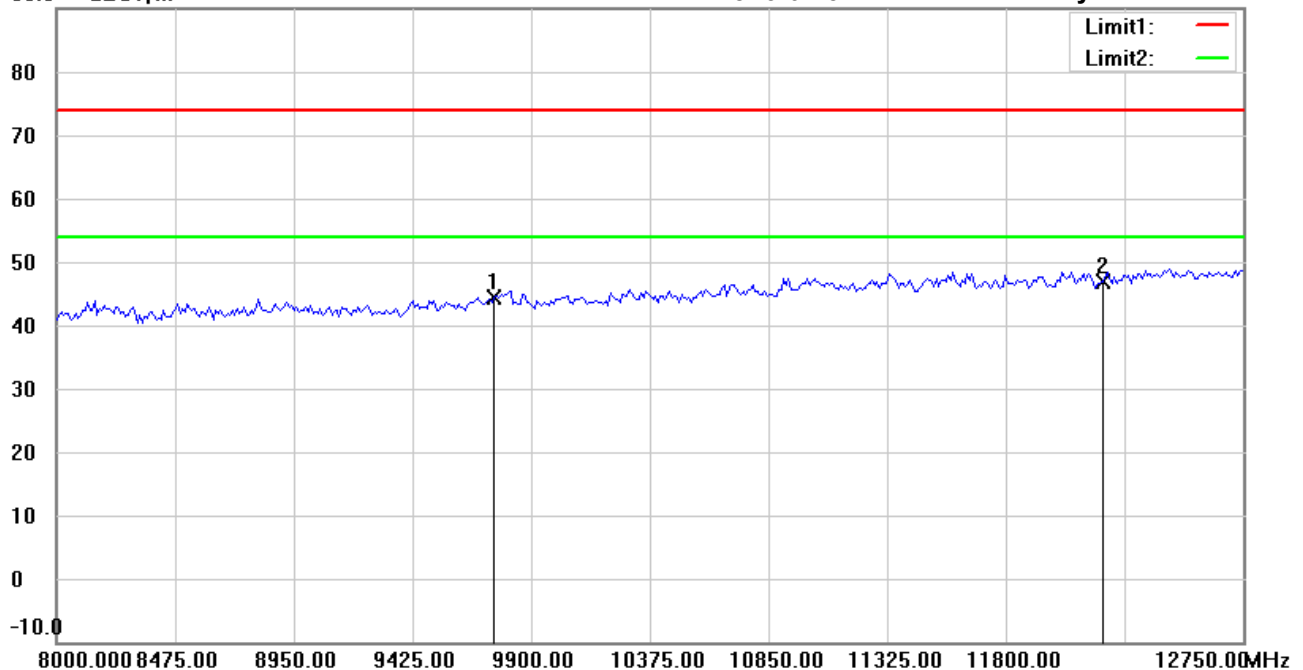
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:07:54 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.621	34.74	peak	9.56	44.30	74.00	150	323	-29.70	
*	12185.994	32.19	peak	14.72	46.91	74.00	150	150	-27.09	

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



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

Operator: Allen

File : 3

Data : #4

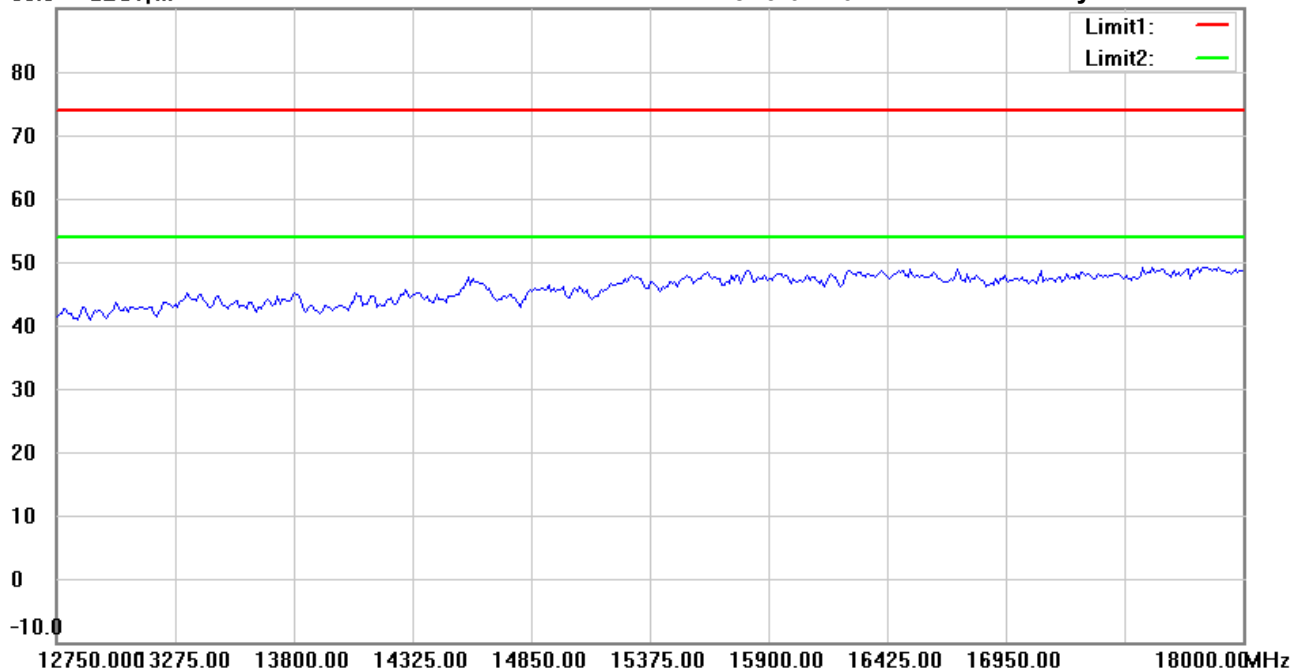
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:04:40 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

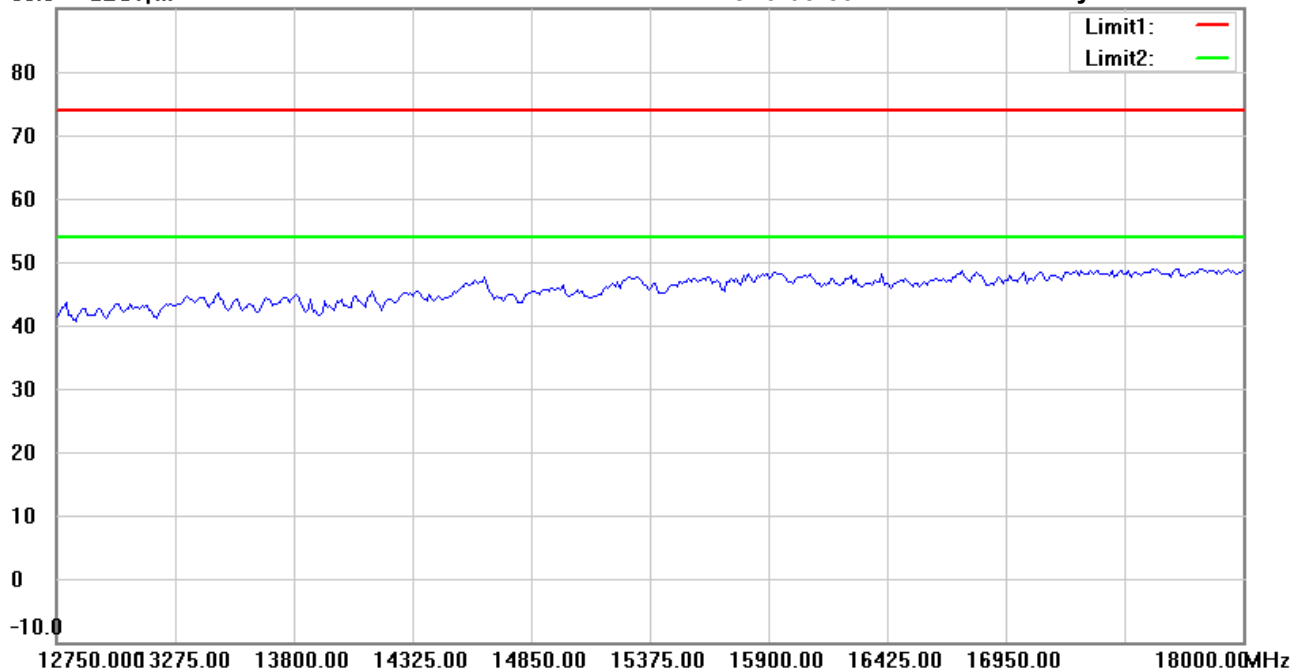
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:08:53 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

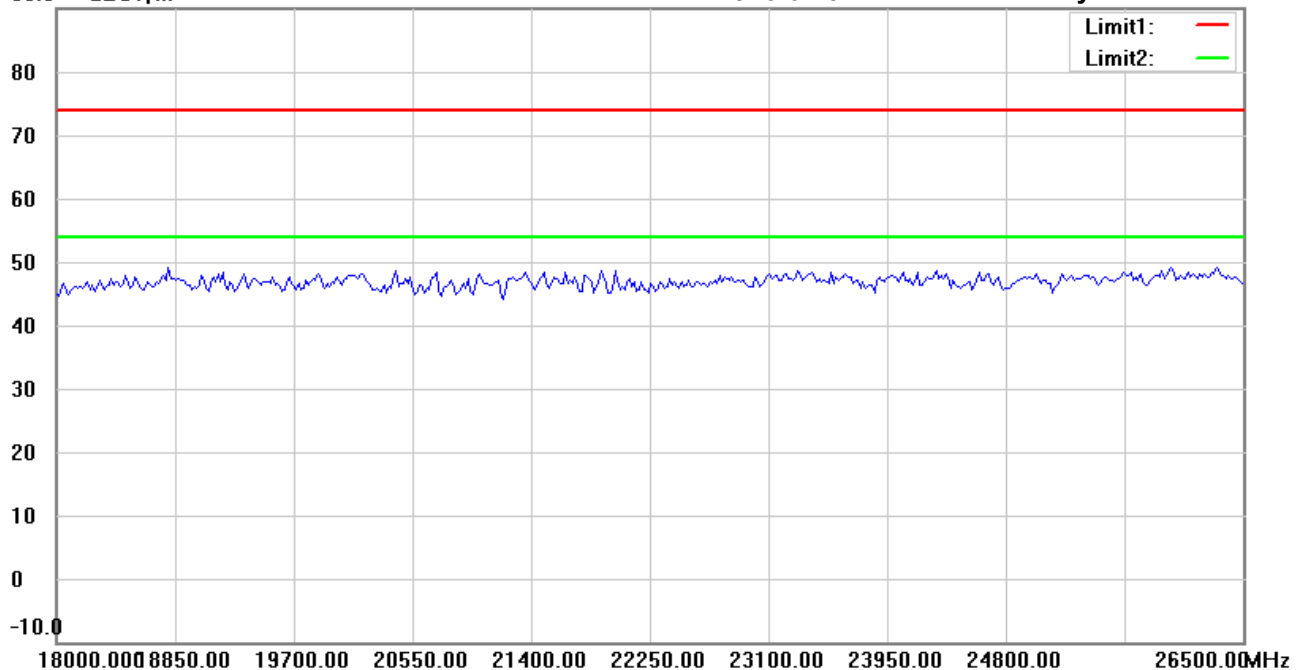
Date: 12/11/2021

Temperature: 23.5 °C

Time: 3:04:51 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

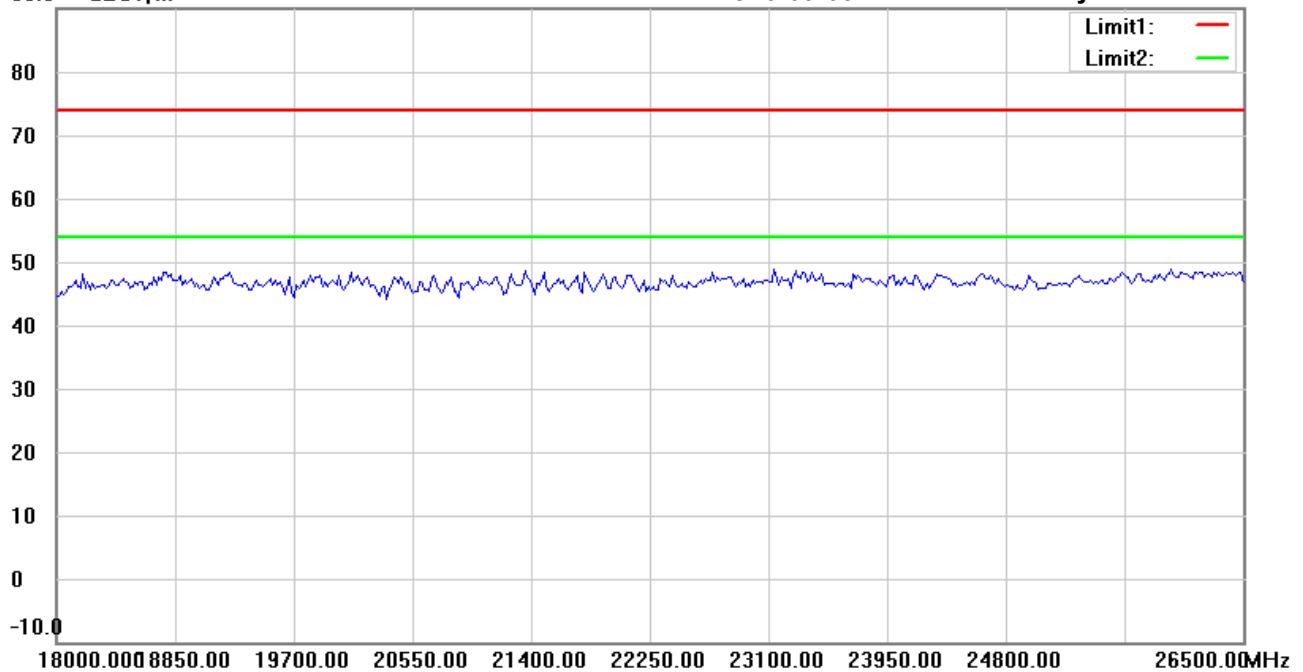
Date: 12/11/2021

Temperature: 23.5 °C

Time: 3:09:03 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #1

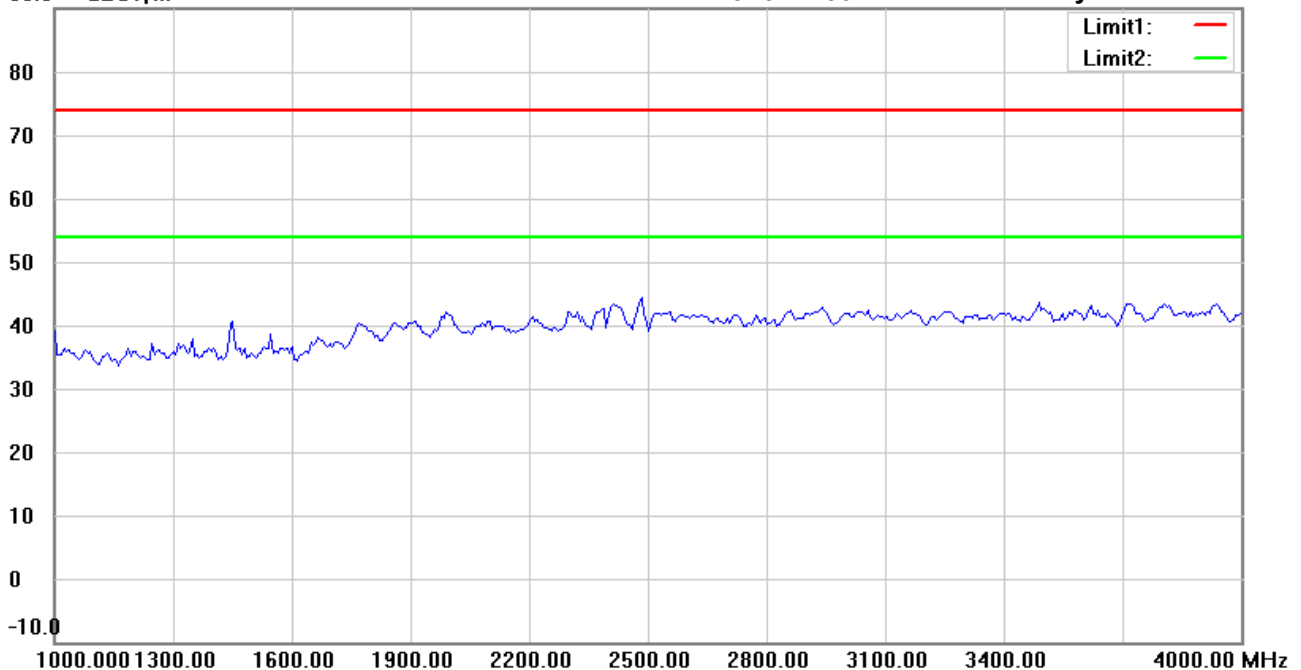
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:17:56 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

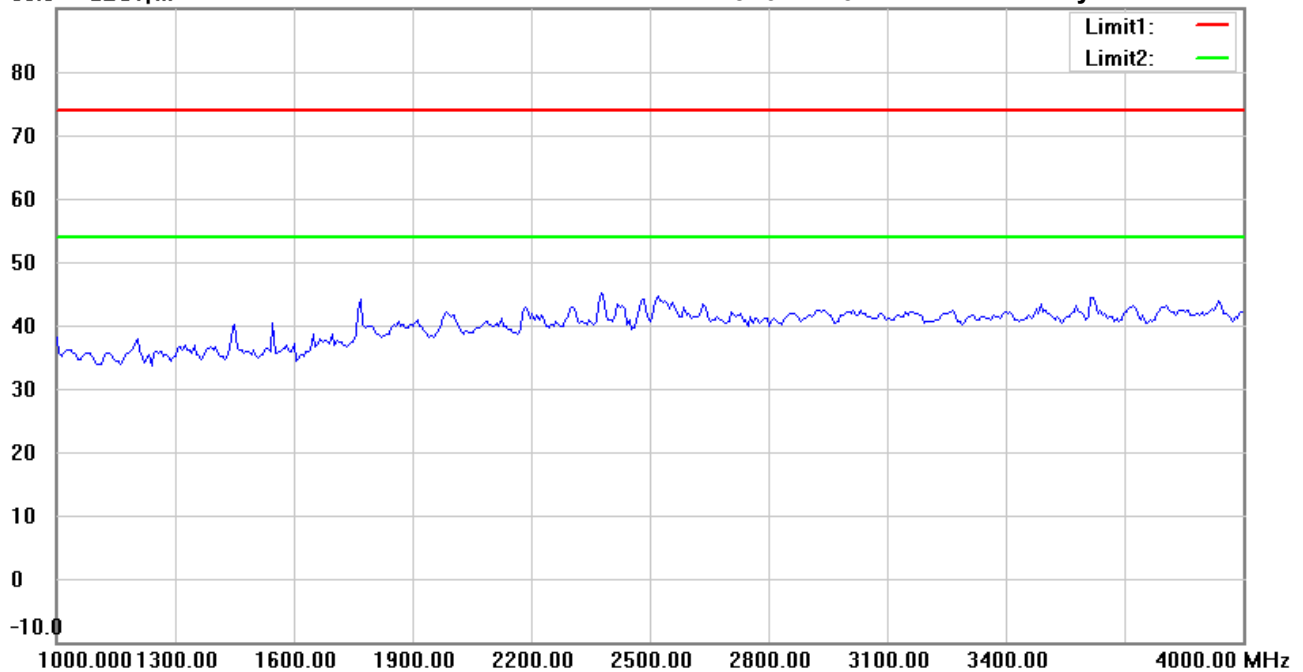
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:22:15 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#2

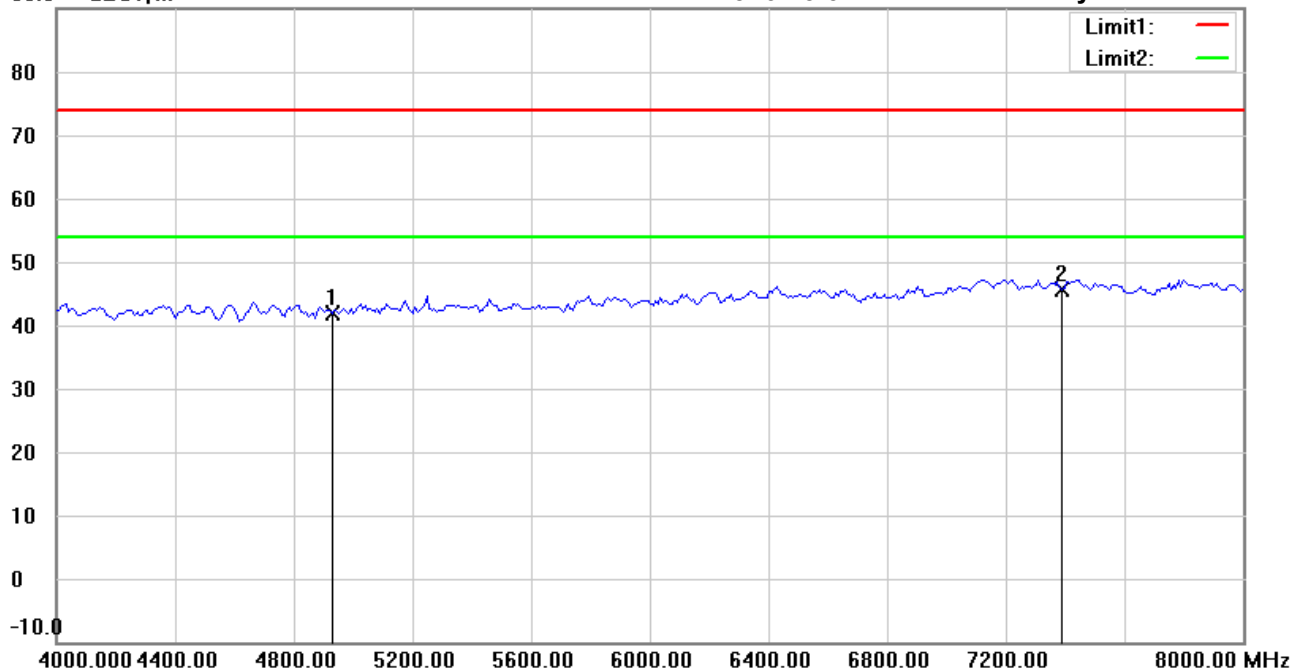
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:18:57 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.785	39.91	peak	1.87	41.78	74.00	150	62	-32.22	
*	7386.240	39.36	peak	6.26	45.62	74.00	150	340	-28.38	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #7

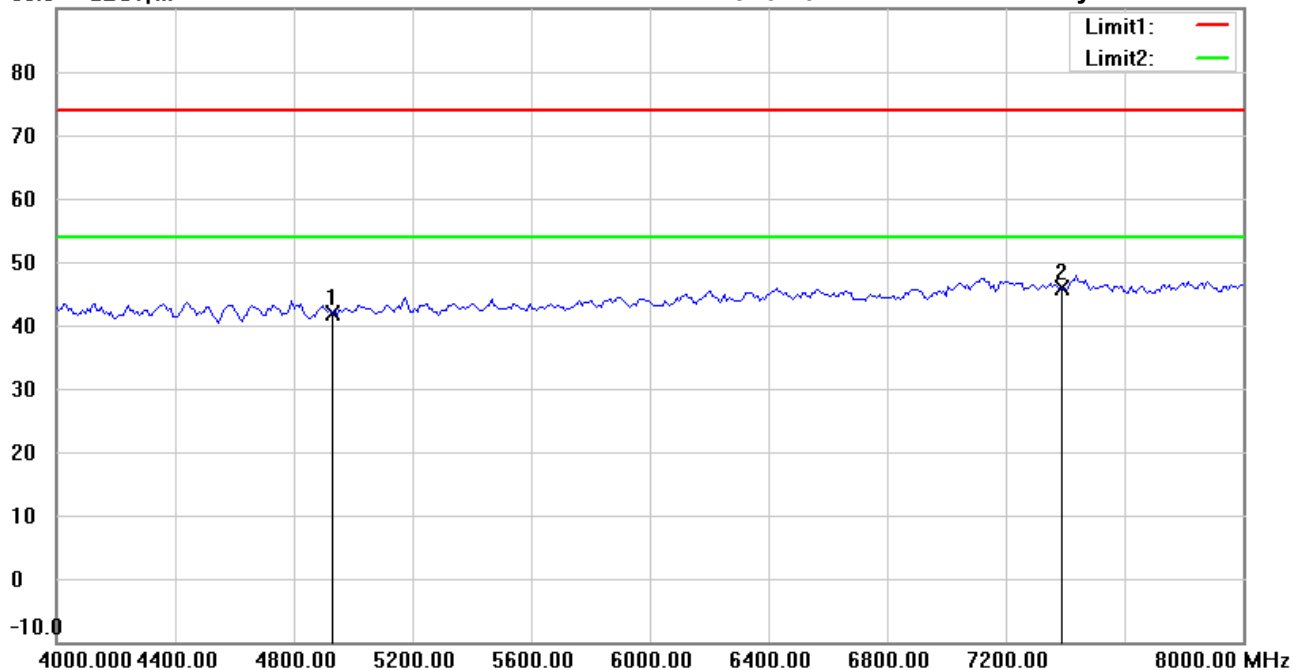
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:23:17 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.583	39.94	peak	1.87	41.81	74.00	150	99	-32.19	
*	7386.040	39.64	peak	6.26	45.90	74.00	150	237	-28.10	

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



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

Operator: Allen

File : 3

Data : #3

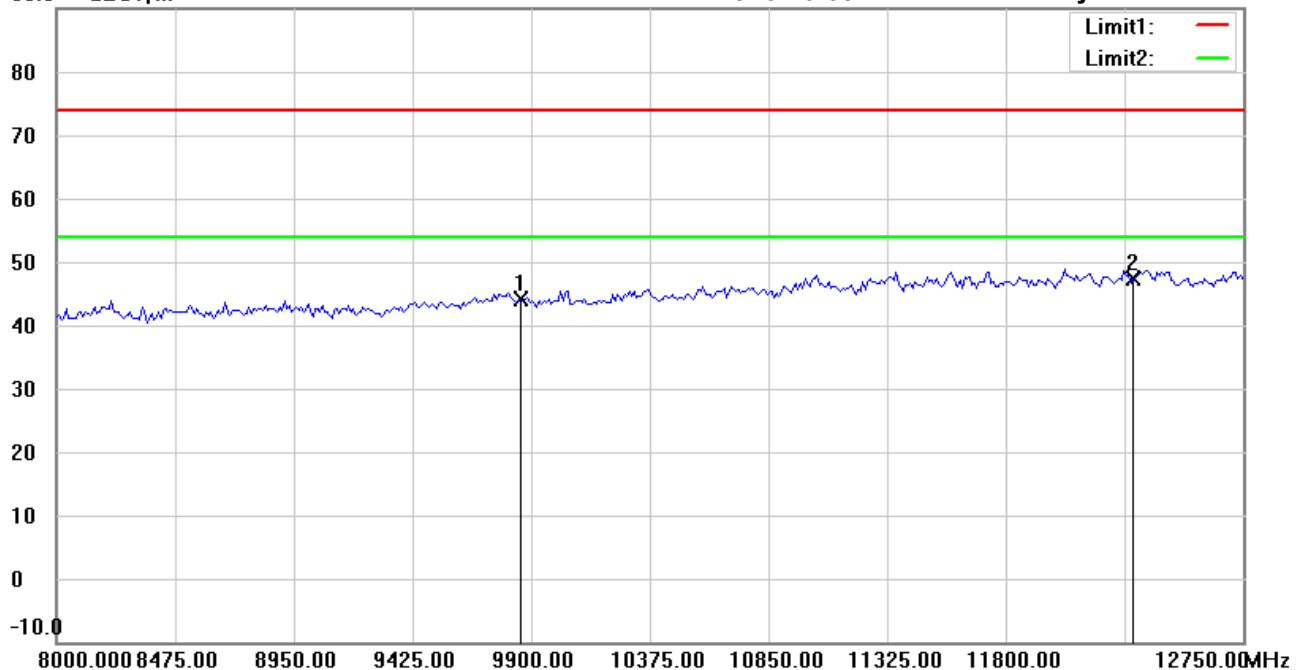
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:20:05 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.627	34.67	peak	9.44	44.11	74.00	150	62	-29.89	
*	12310.320	33.13	peak	14.22	47.35	74.00	150	190	-26.65	

*: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: Allen

File :3

Data :#8

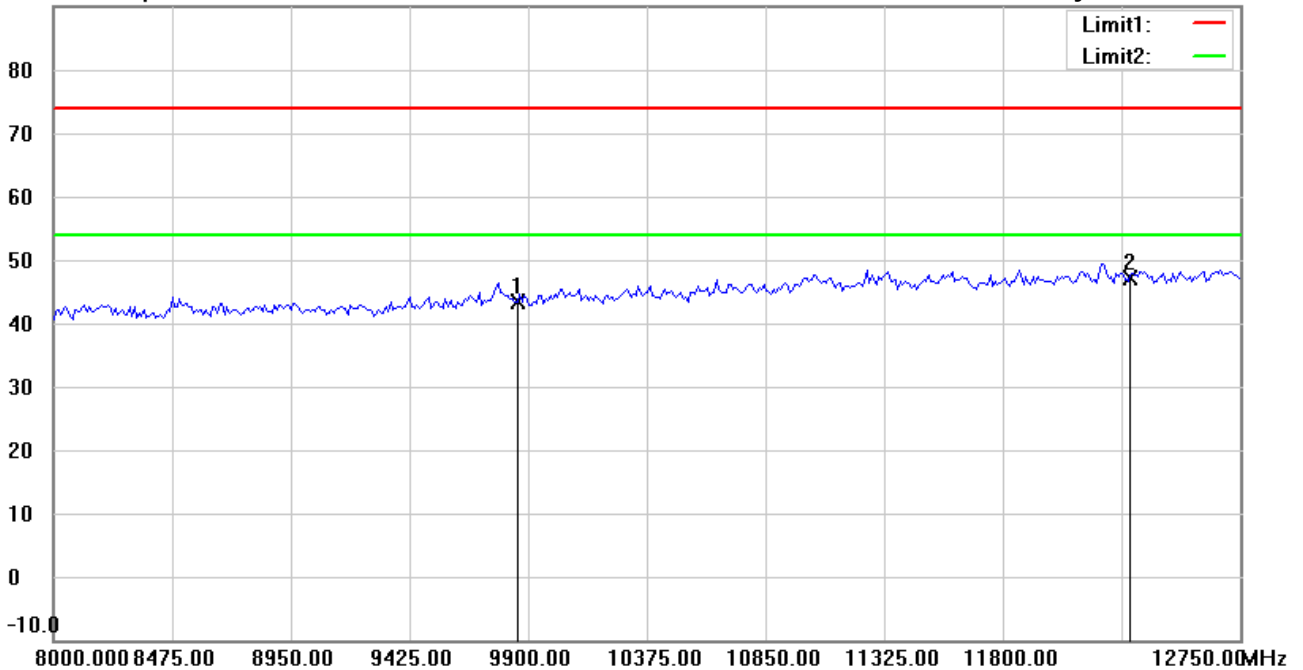
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:24:17 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.425	34.01	peak	9.44	43.45	74.00	150	162	-30.55	
*	12310.160	32.84	peak	14.22	47.06	74.00	150	98	-26.94	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

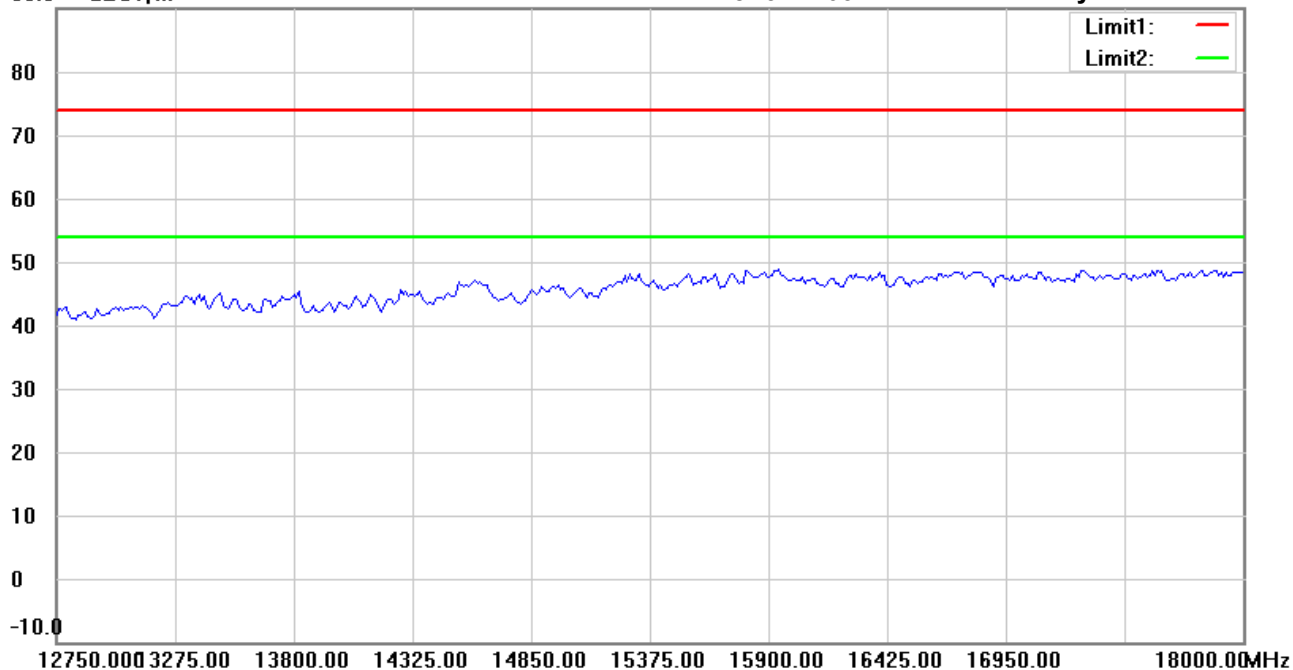
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:21:03 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

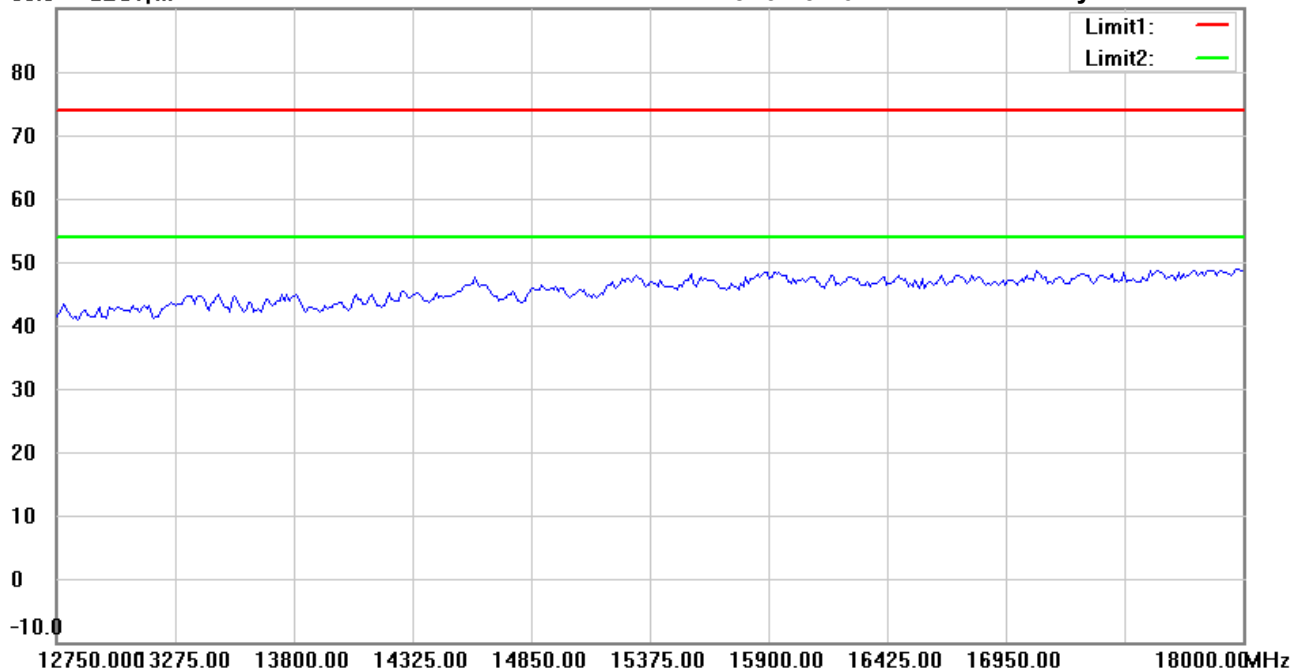
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:25:16 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

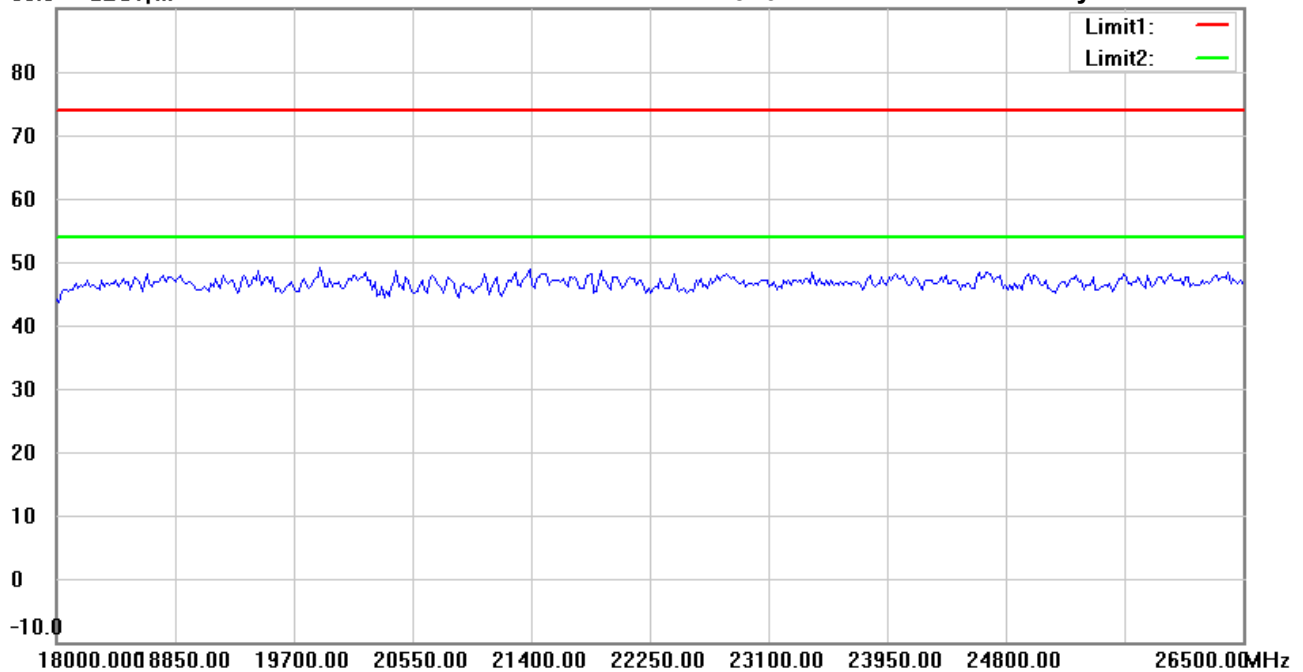
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:21:14 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

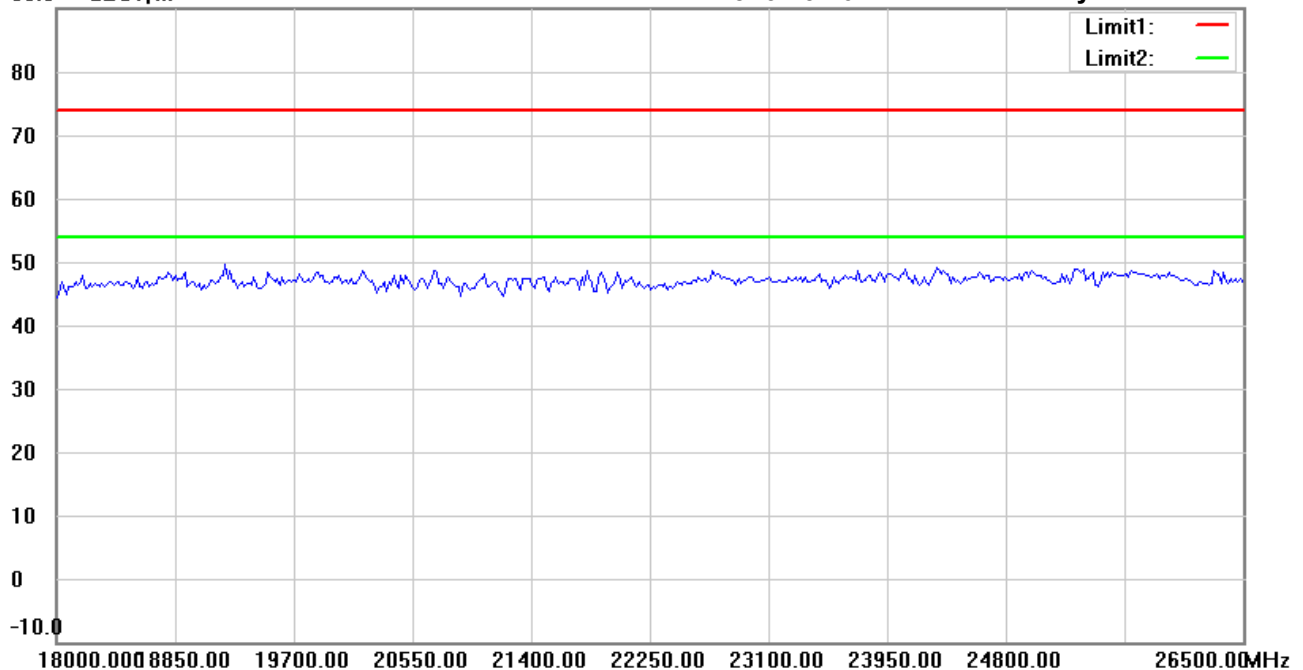
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:25:26 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #1

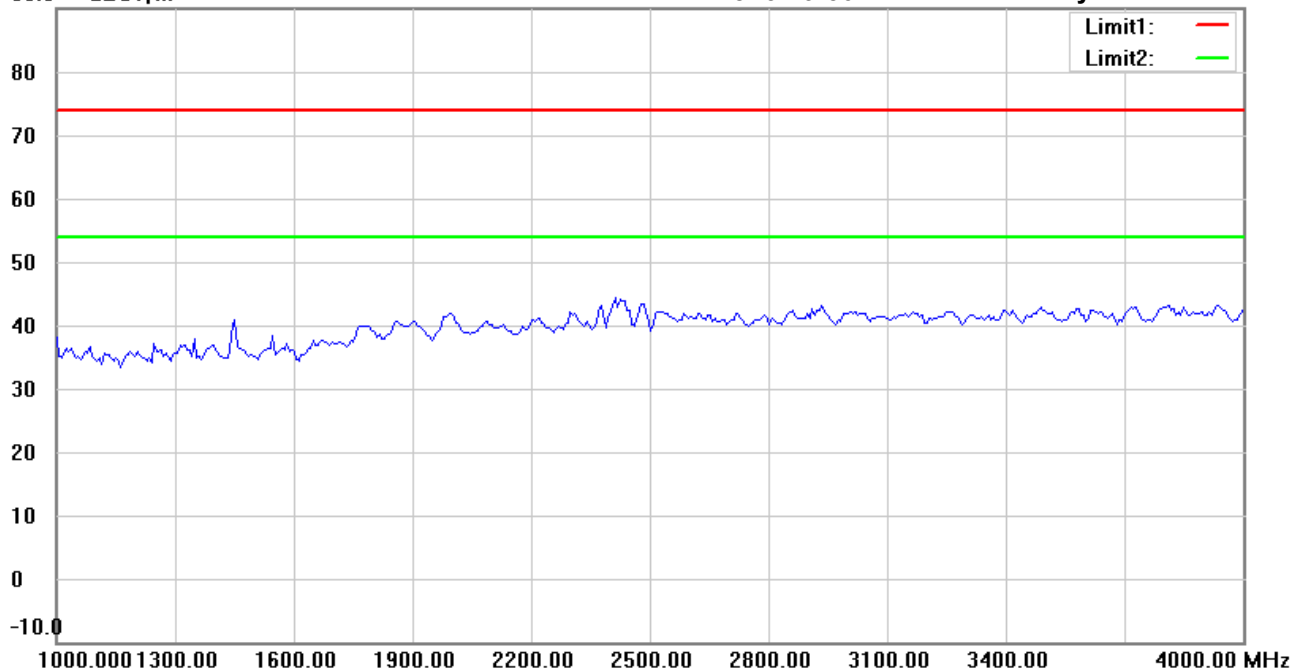
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:29:56 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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 : 3

Data : #6

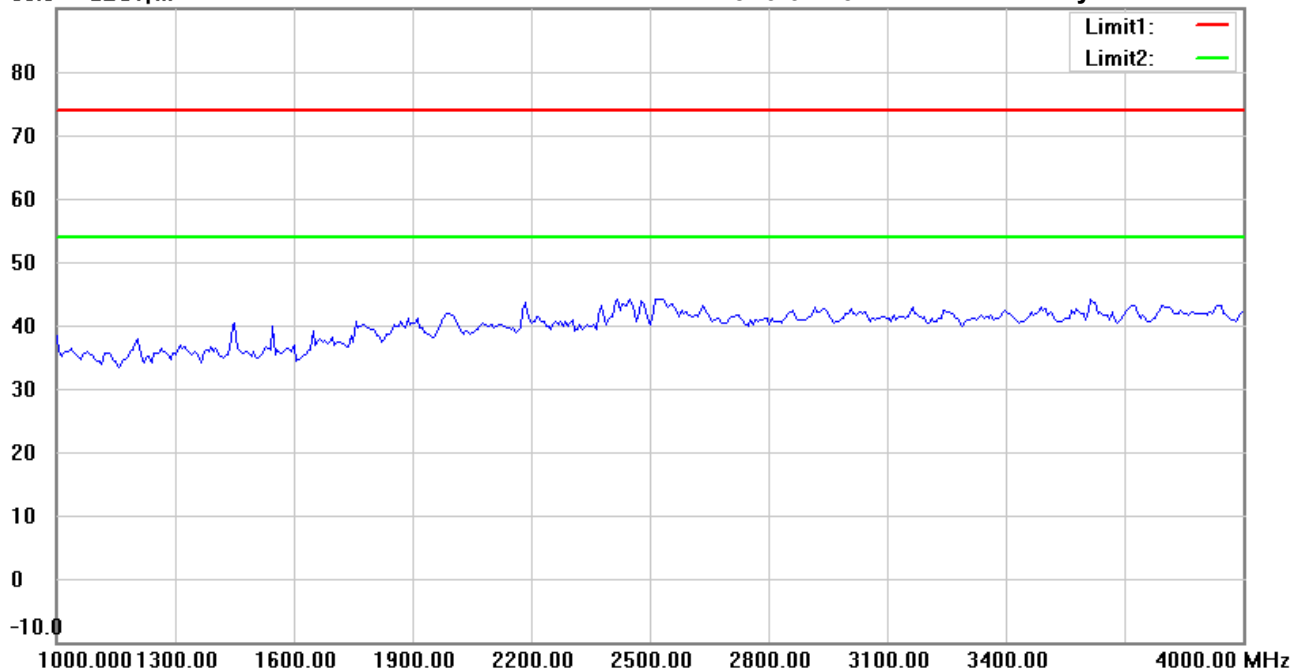
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:34:15 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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 :3

Data :#2

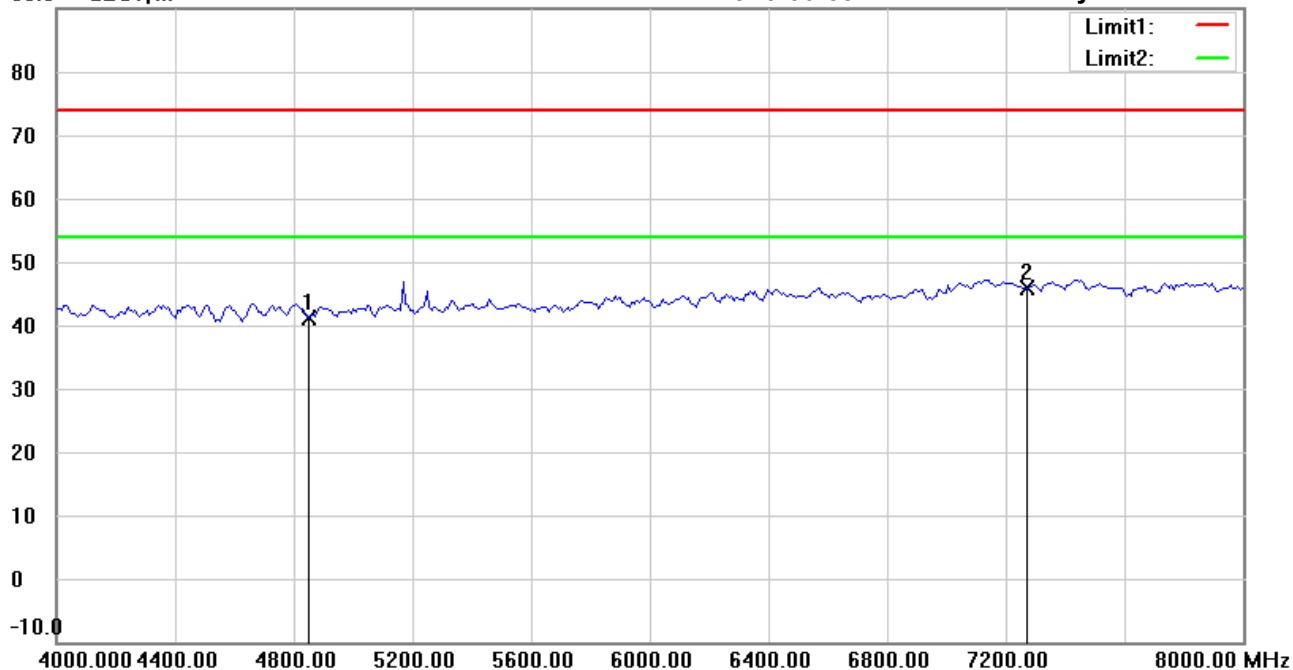
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:30:58 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4844.338	39.53	peak	1.57	41.10	74.00	150	95	-32.90	
*	7266.674	40.15	peak	5.83	45.98	74.00	150	172	-28.02	

*: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: Allen

File :3

Data :#7

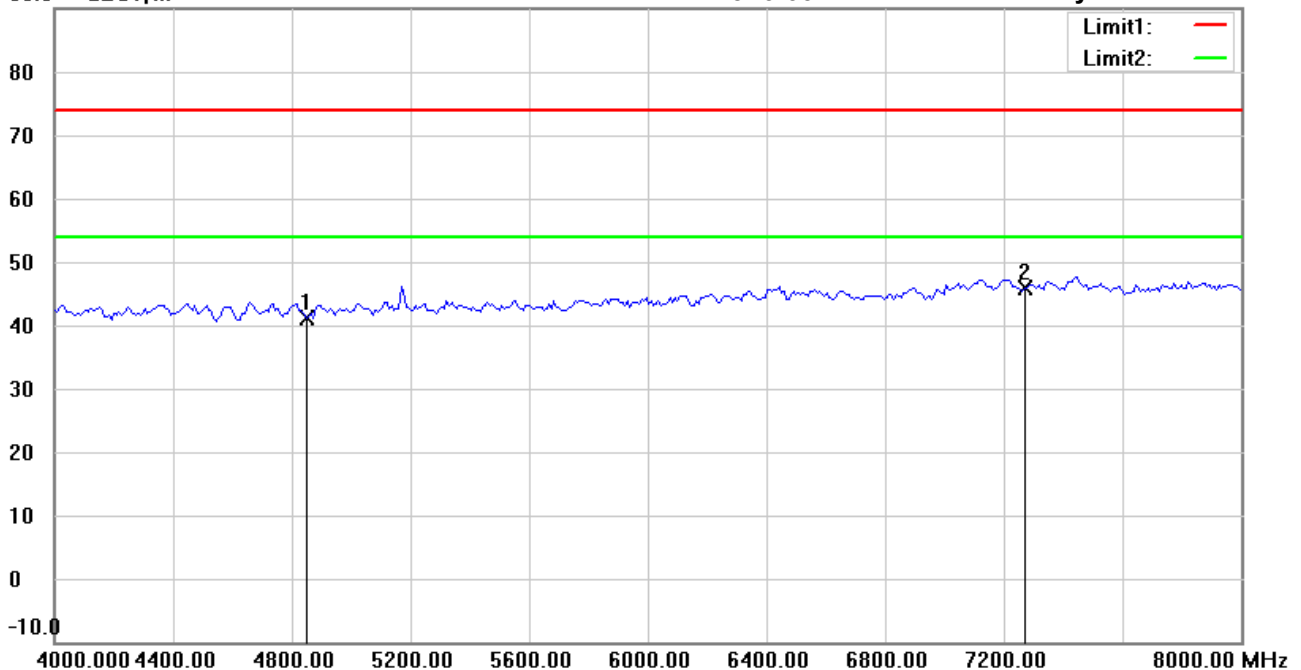
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:35:17 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4844.306	39.52	peak	1.57	41.09	74.00	150	111	-32.91	
*	7266.092	40.10	peak	5.83	45.93	74.00	150	244	-28.07	

*: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: Allen

File :3

Data :#3

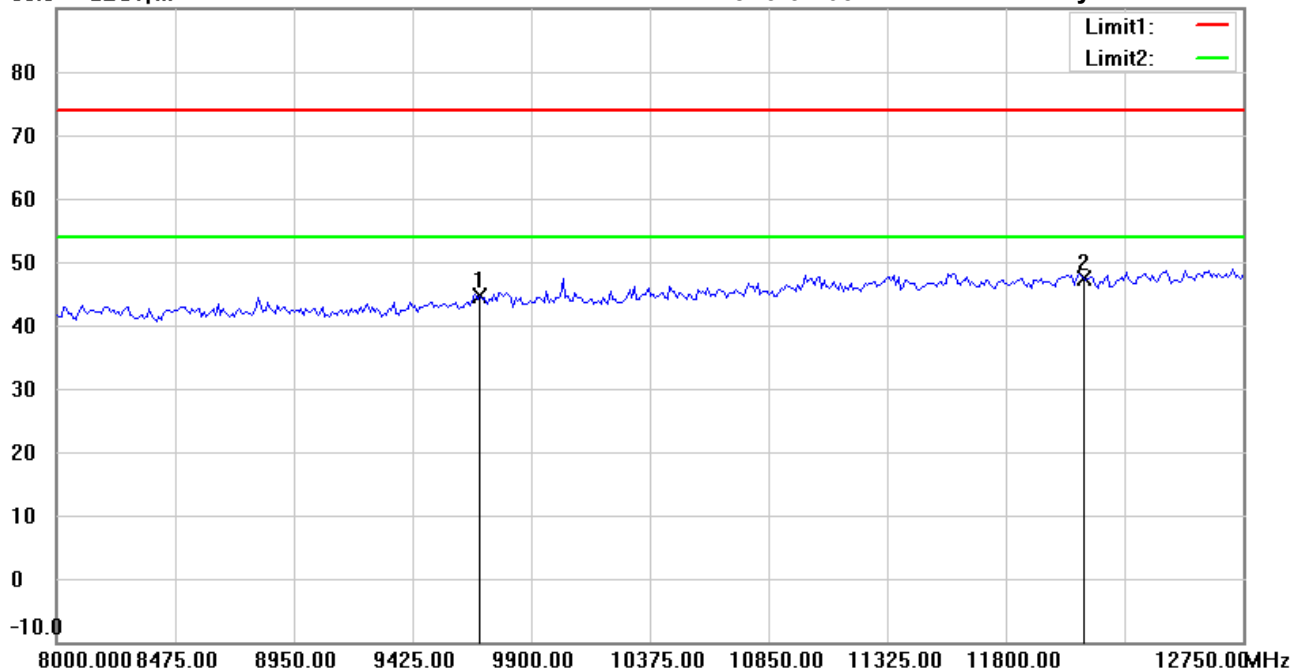
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:32:05 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9688.811	35.55	peak	9.18	44.73	74.00	150	238	-29.27	
*	12110.173	33.09	peak	14.36	47.45	74.00	150	55	-26.55	

*: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: Allen

File :3

Data :#8

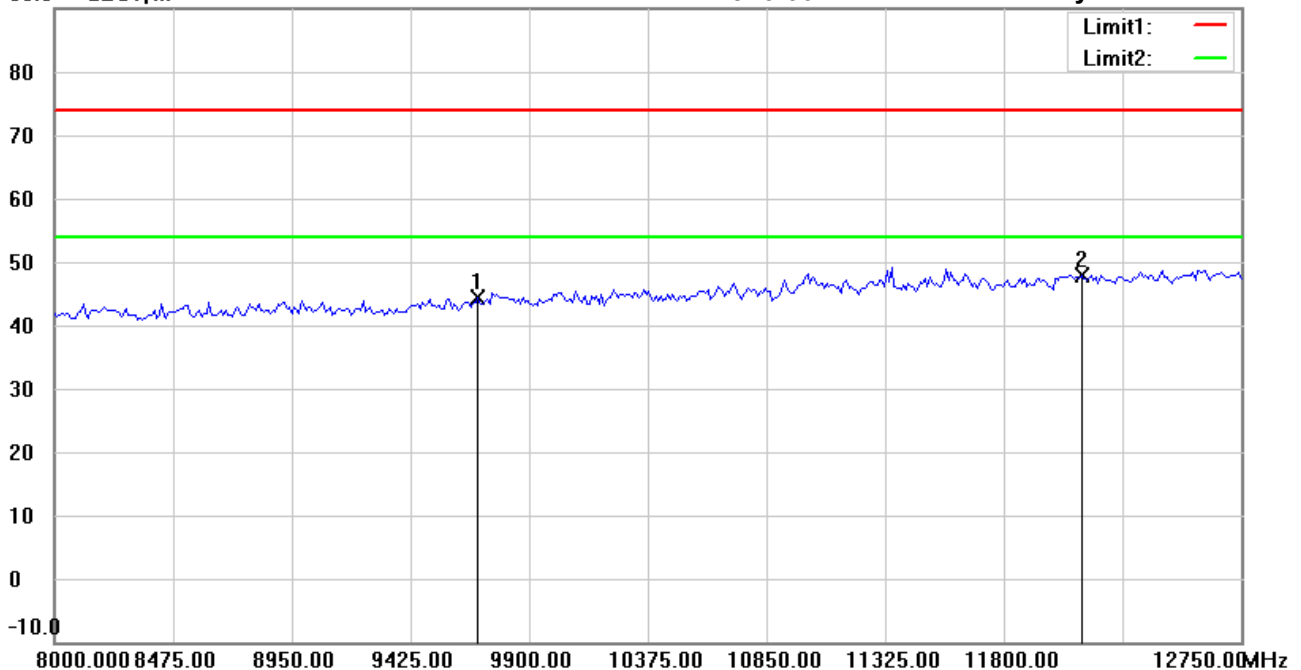
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:36:17 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9688.506	35.18	peak	9.17	44.35	74.00	150	286	-29.65	
*	12110.378	33.49	peak	14.36	47.85	74.00	150	15	-26.15	

*: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: Allen

File : 3

Data : #4

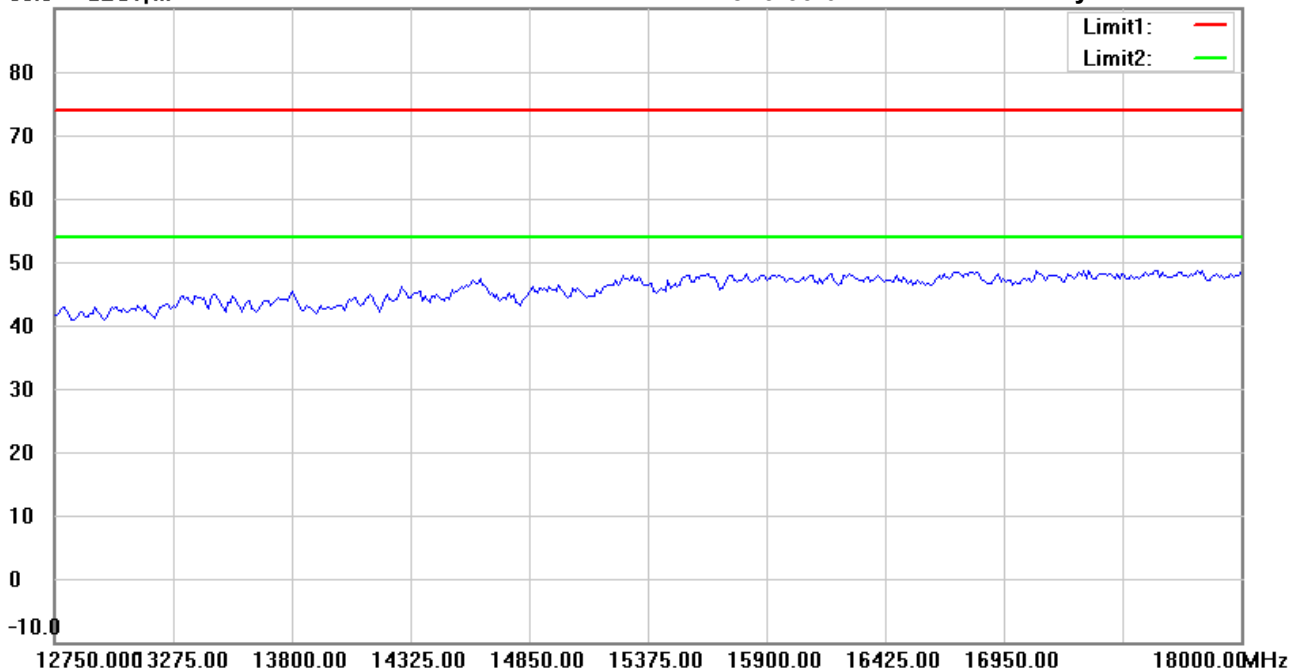
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:33:04 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

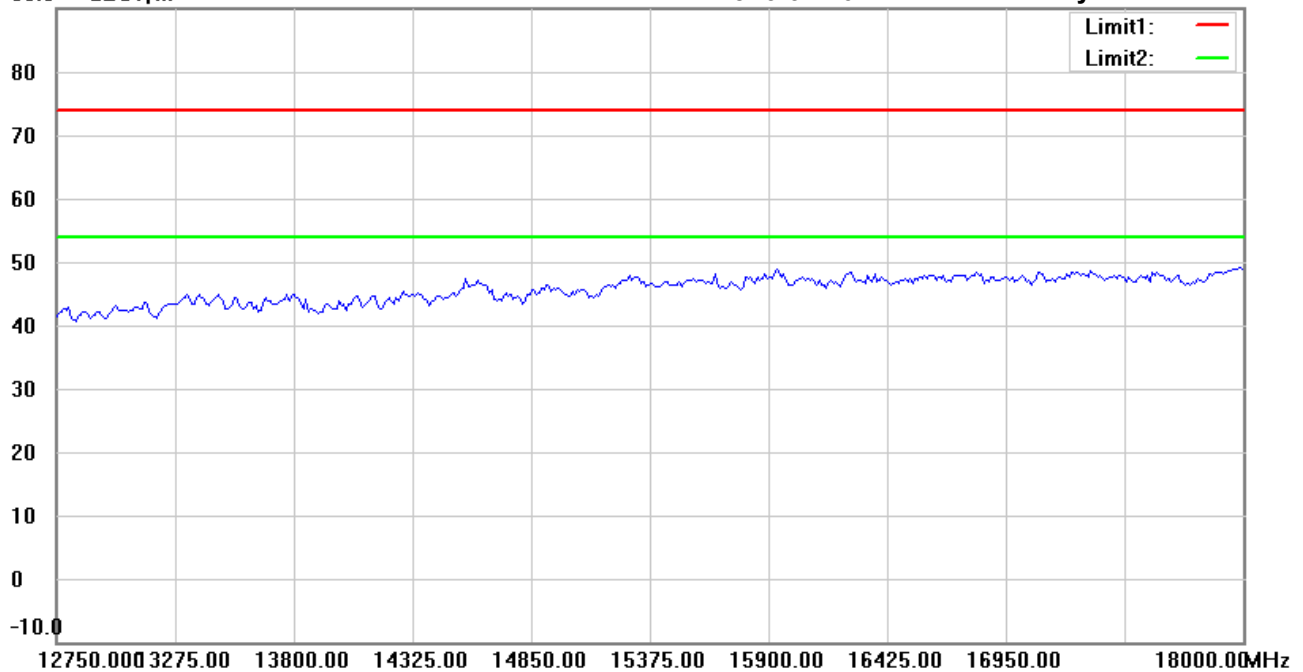
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:37:16 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

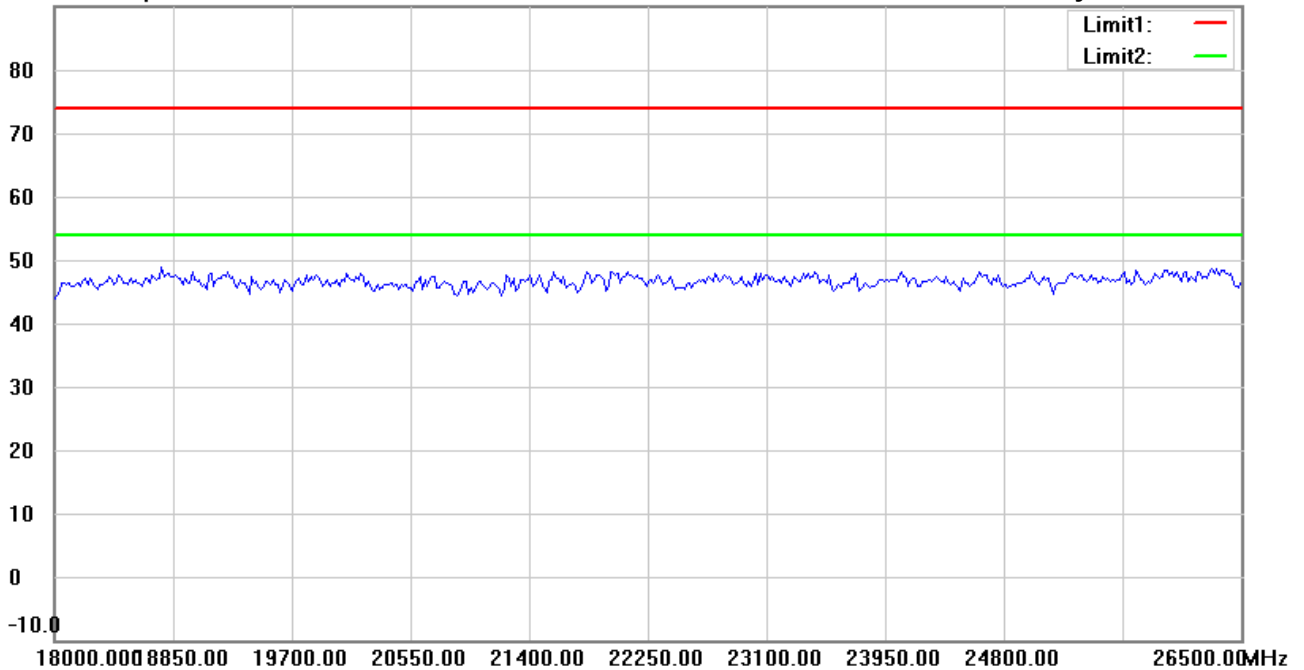
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:33:14 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

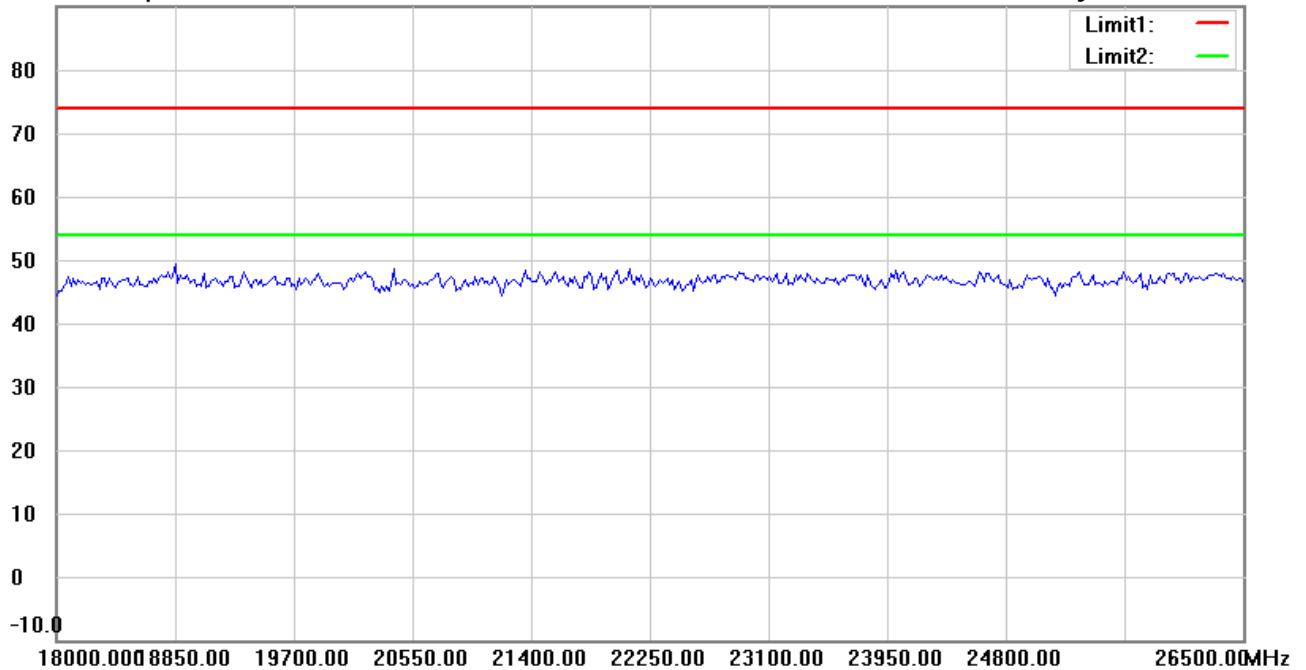
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:37:27 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #1

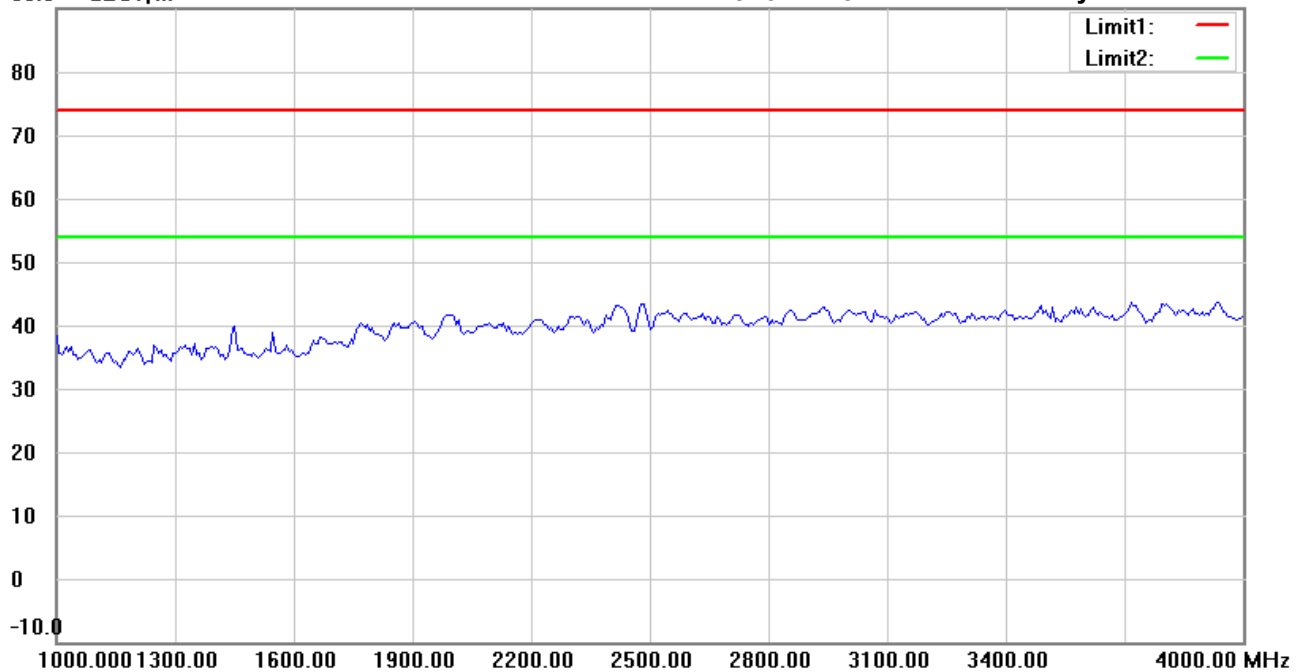
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:42:48 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

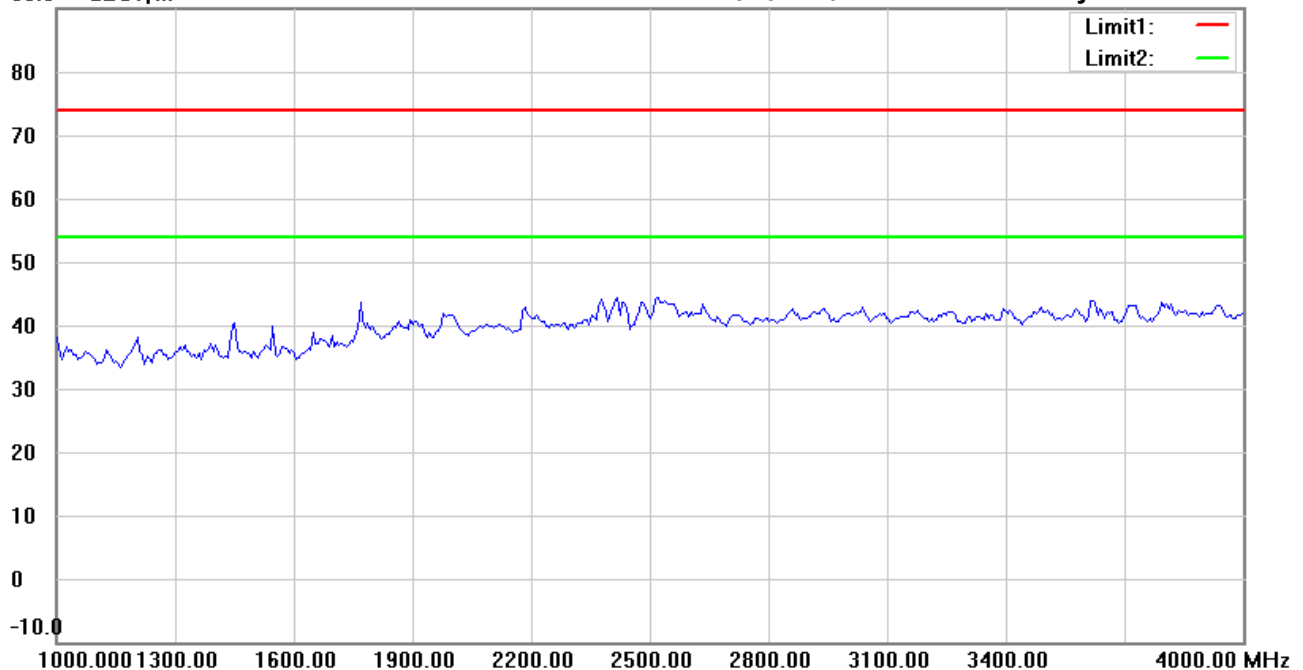
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:47:07 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #2

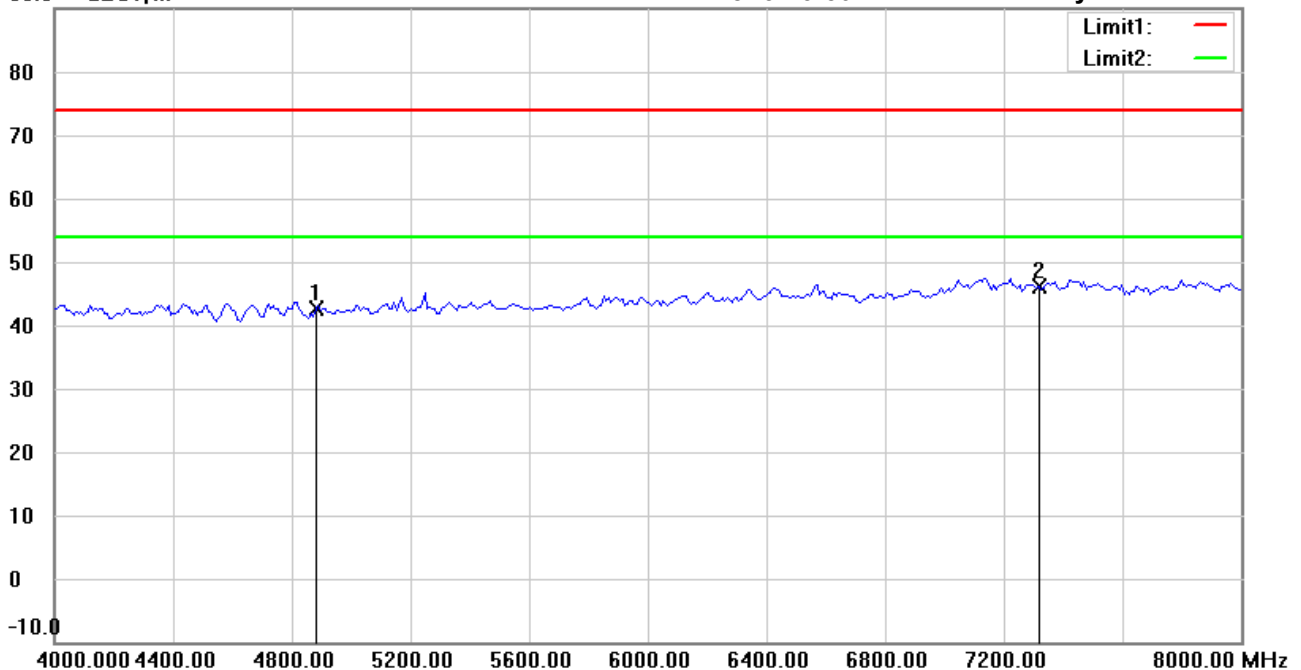
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:43:50 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.562	40.82	peak	1.72	42.54	74.00	150	241	-31.46	
*	7311.240	40.41	peak	5.79	46.20	74.00	150	166	-27.80	

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



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

Radiated Emission Measurement

Operator: Allen

File : 3

Data : #7

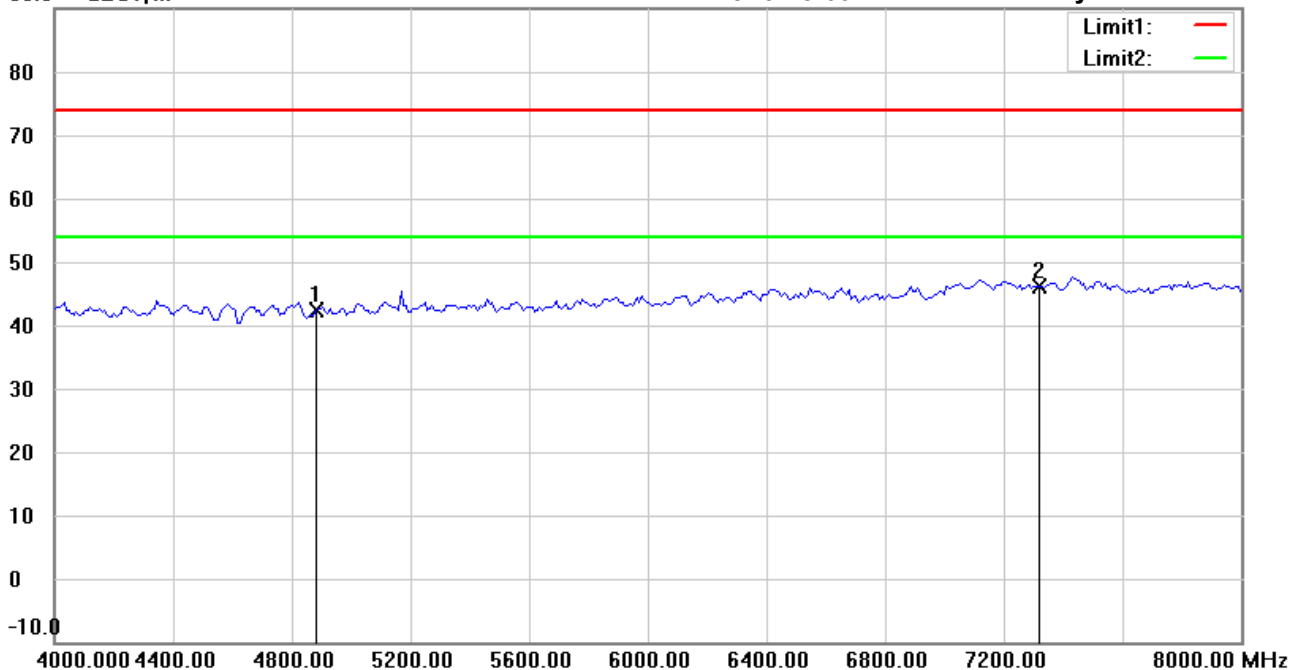
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:48:09 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.039	40.57	peak	1.72	42.29	74.00	150	38	-31.71	
*	7311.751	40.24	peak	5.79	46.03	74.00	150	265	-27.97	

*: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: Allen

File : 3

Data : #3

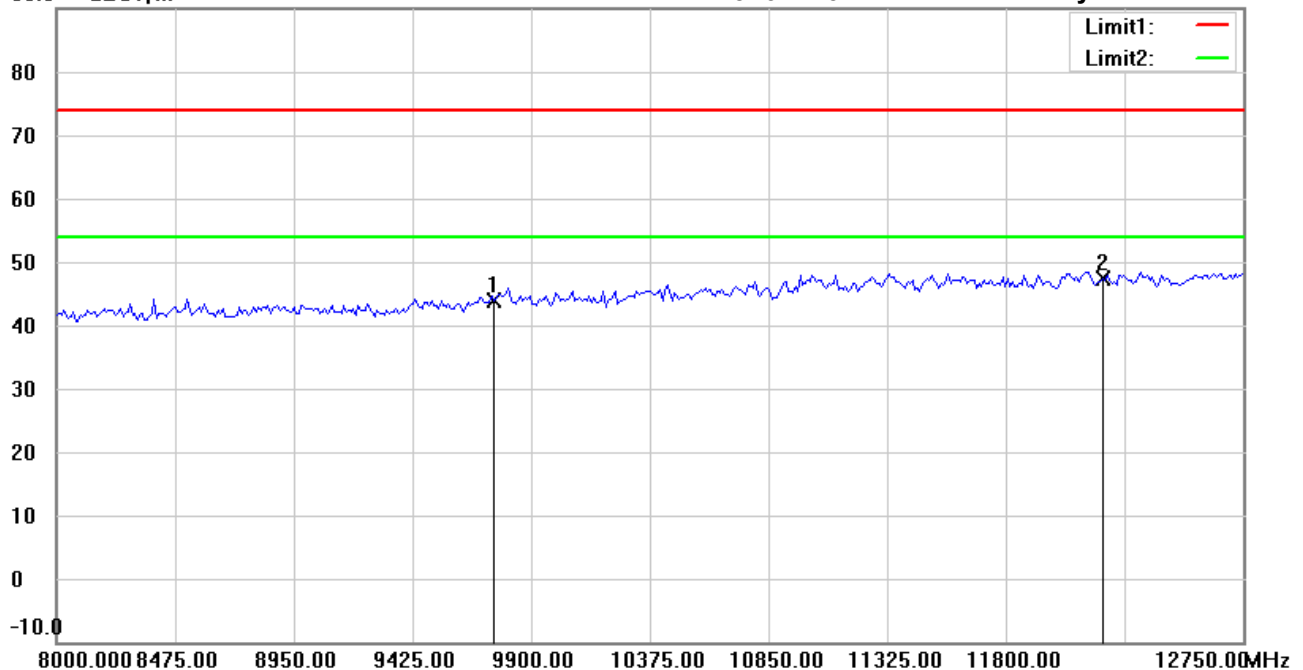
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:44:57 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.735	34.21	peak	9.56	43.77	74.00	150	170	-30.23	
*	12185.106	32.73	peak	14.72	47.45	74.00	150	35	-26.55	

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



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

Operator: Allen

File :3

Data :#8

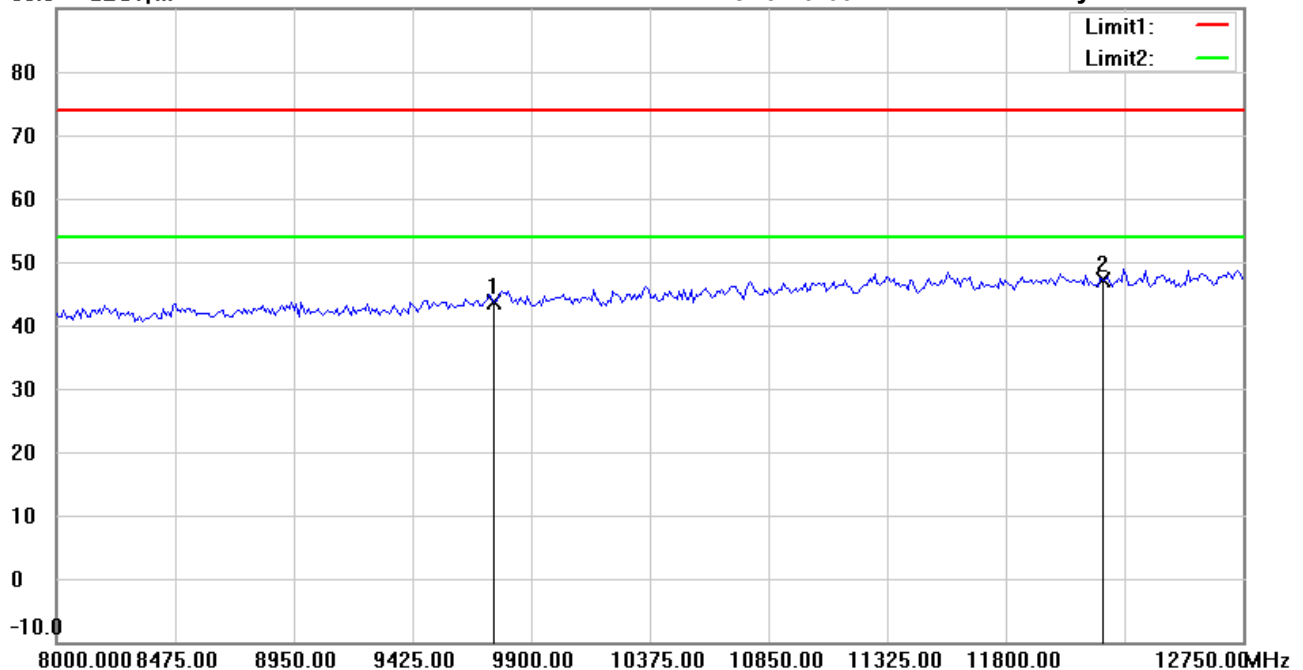
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:49:09 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.233	34.06	peak	9.56	43.62	74.00	150	155	-30.38	
*	12185.497	32.49	peak	14.72	47.21	74.00	150	314	-26.79	

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



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

Operator: Allen

File :3

Data :#4

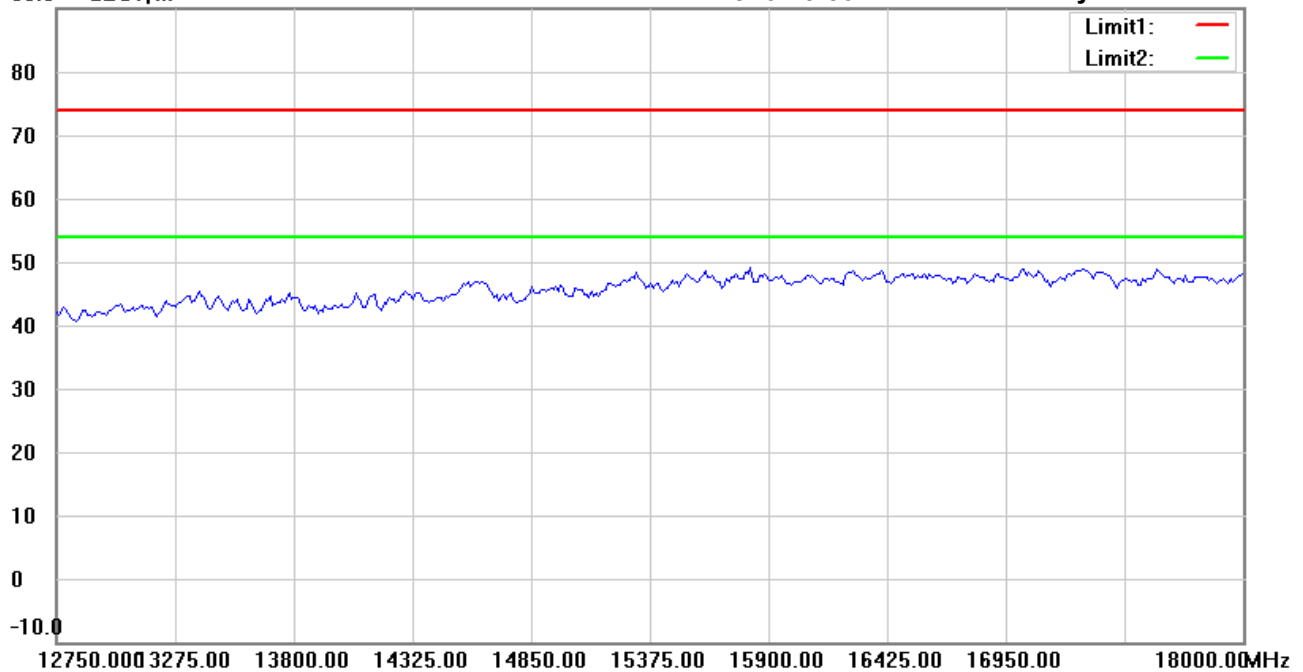
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:45:56 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#9

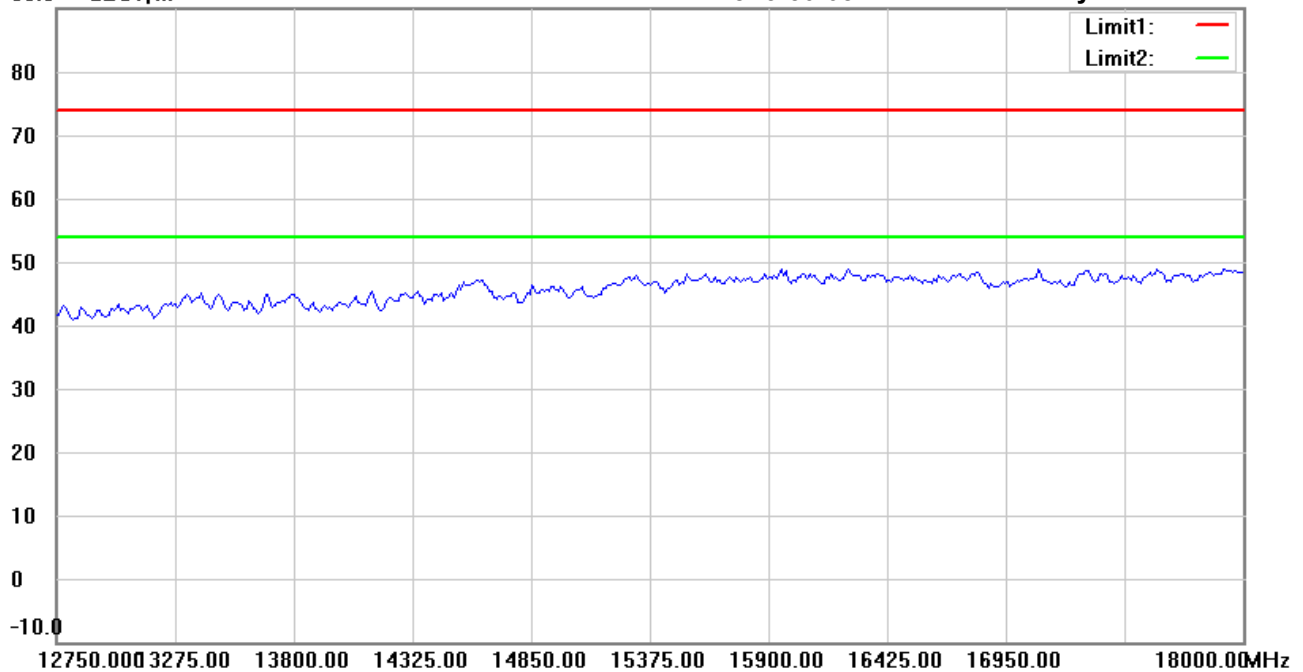
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:50:08 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

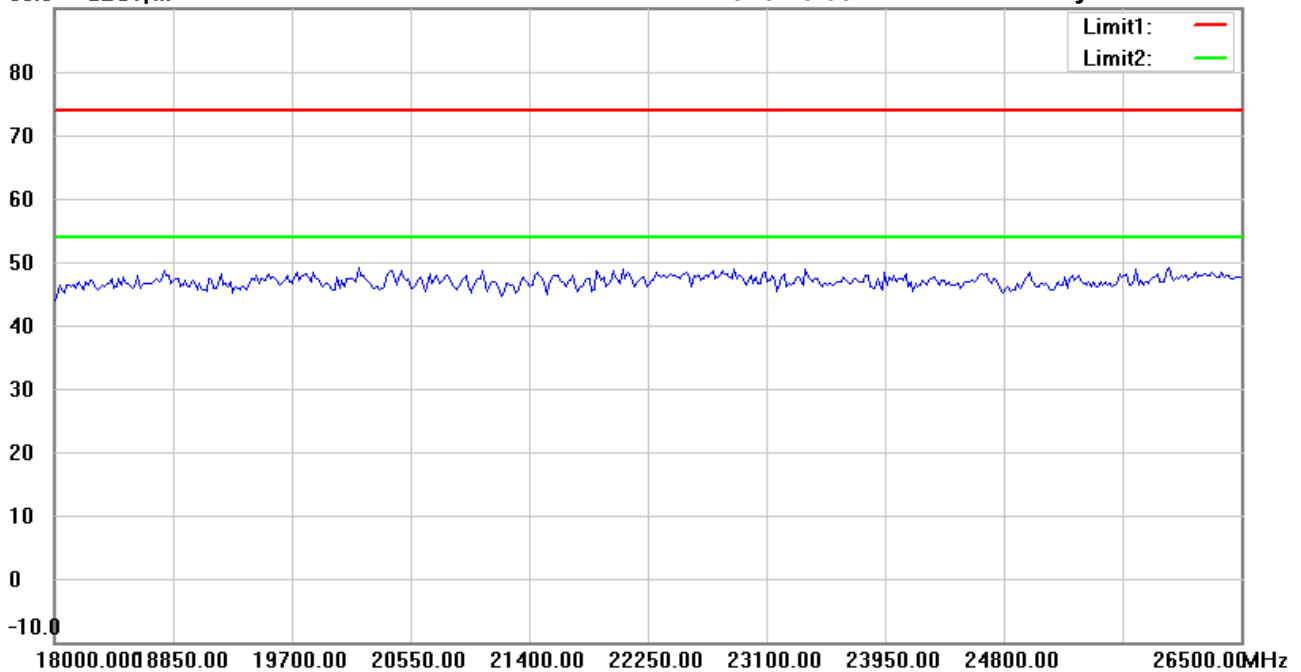
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:46:06 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

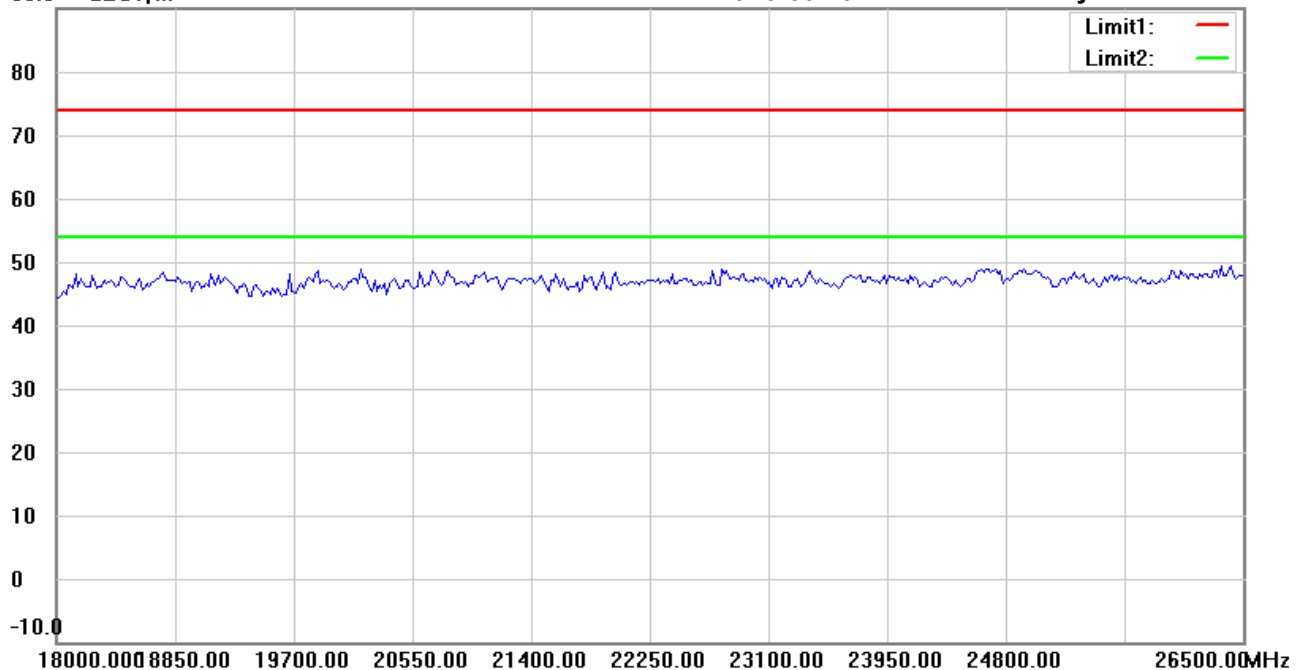
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:50:19 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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 : 3

Data : #1

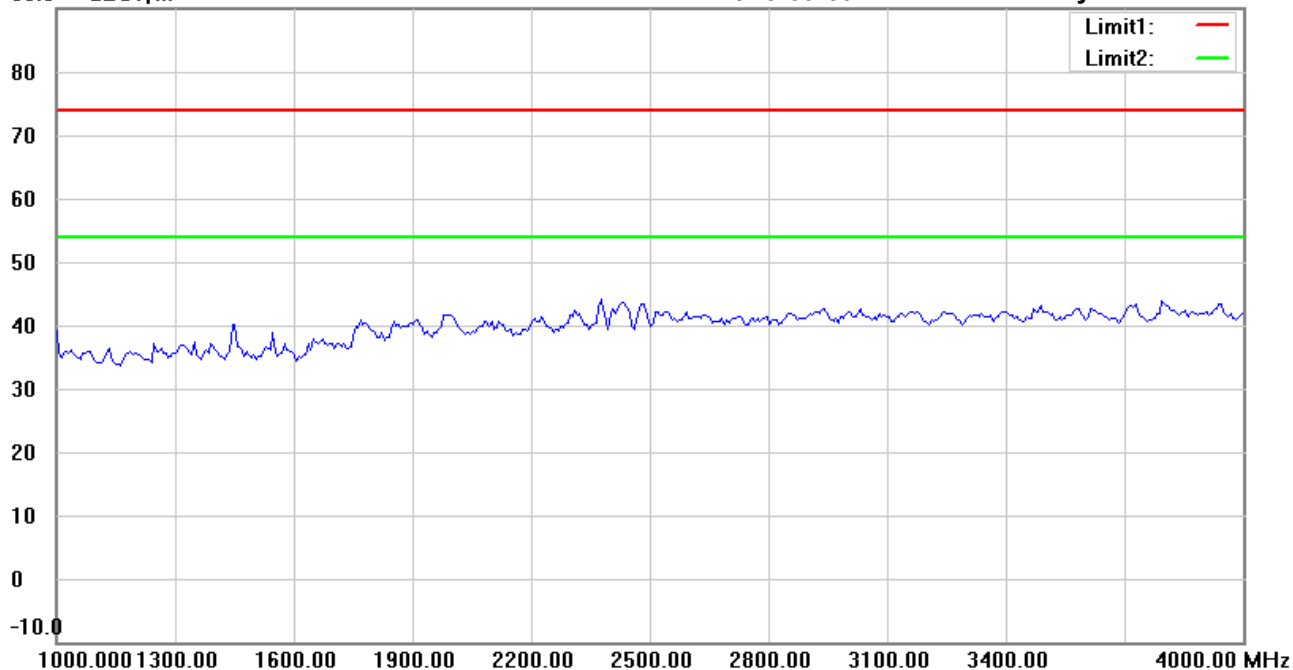
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 3:59:59 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

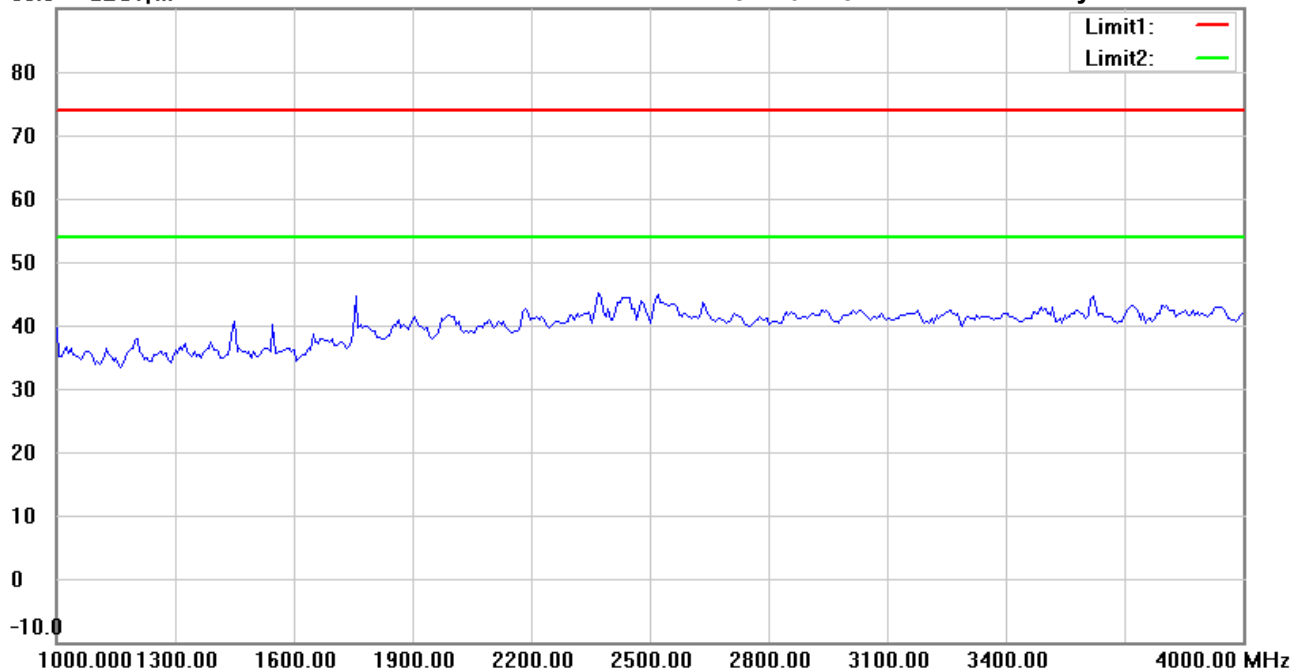
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:04:18 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#2

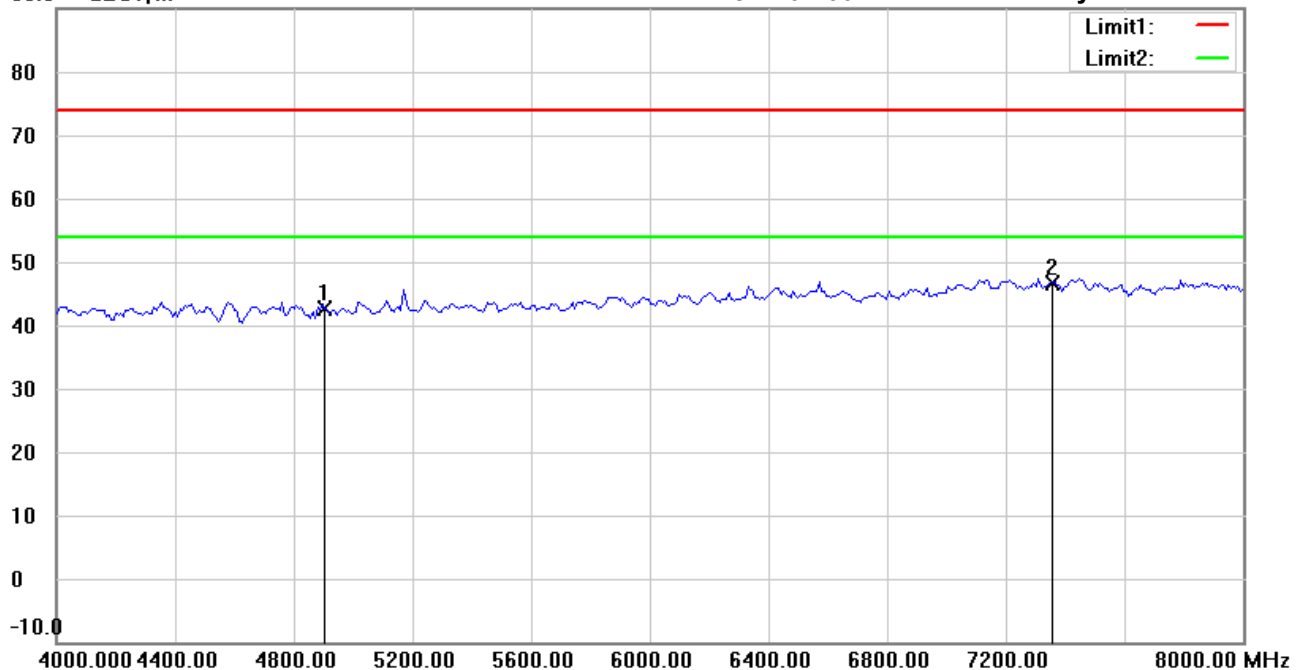
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:01:00 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4904.569	40.67	peak	1.85	42.52	74.00	150	117	-31.48	
*	7356.114	40.57	peak	6.07	46.64	74.00	150	126	-27.36	

*: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: Allen

File : 3

Data : #7

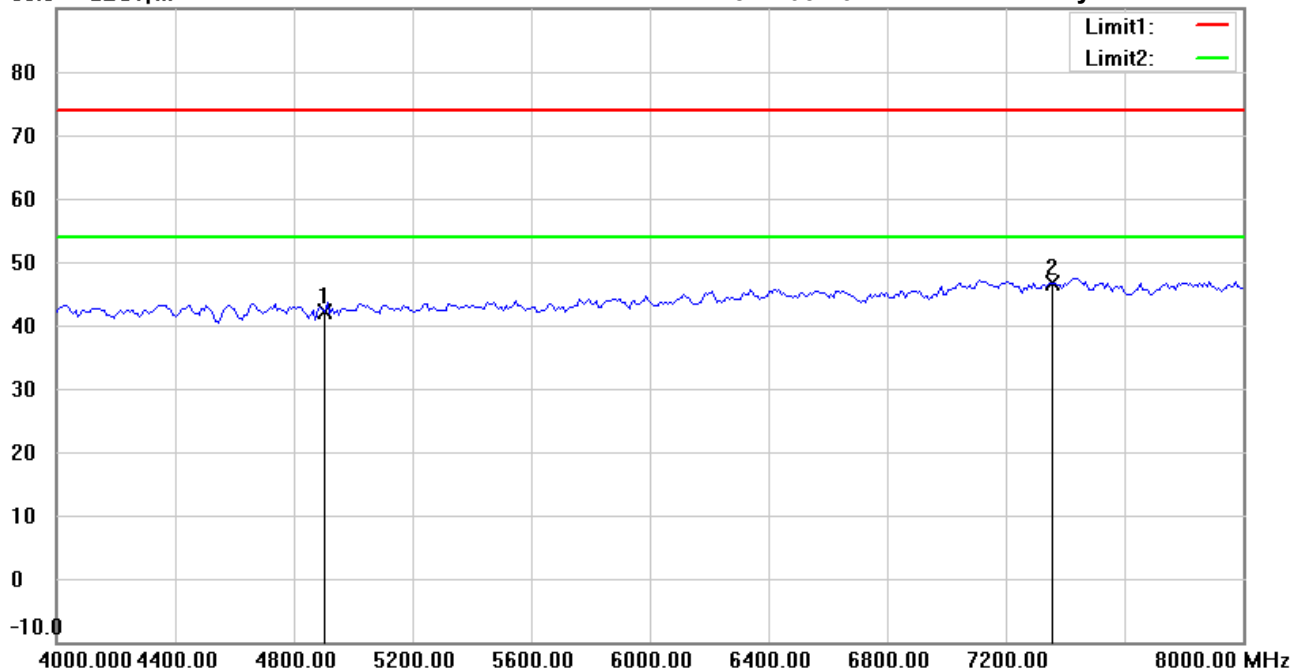
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:05:19 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4904.480	40.34	peak	1.85	42.19	74.00	150	192	-31.81	
*	7356.061	40.62	peak	6.07	46.69	74.00	150	355	-27.31	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#3

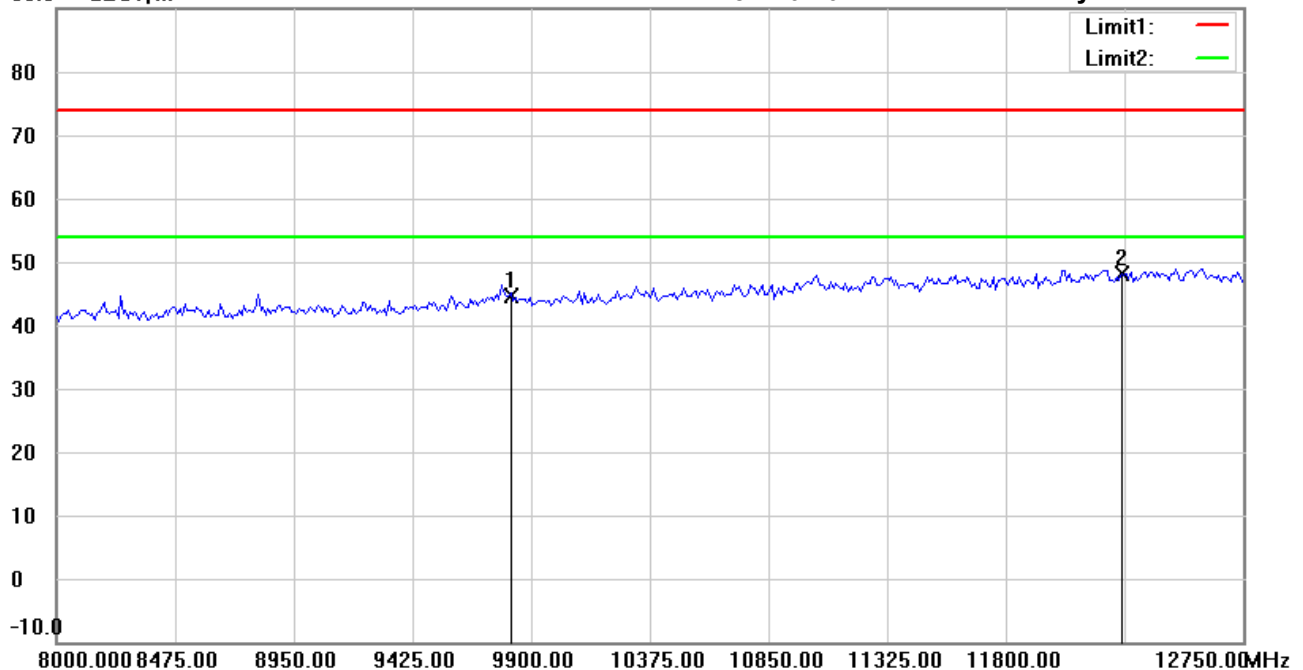
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:02:07 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9808.936	34.70	peak	9.82	44.52	74.00	150	245	-29.48	
*	12260.472	33.71	peak	14.40	48.11	74.00	150	182	-25.89	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

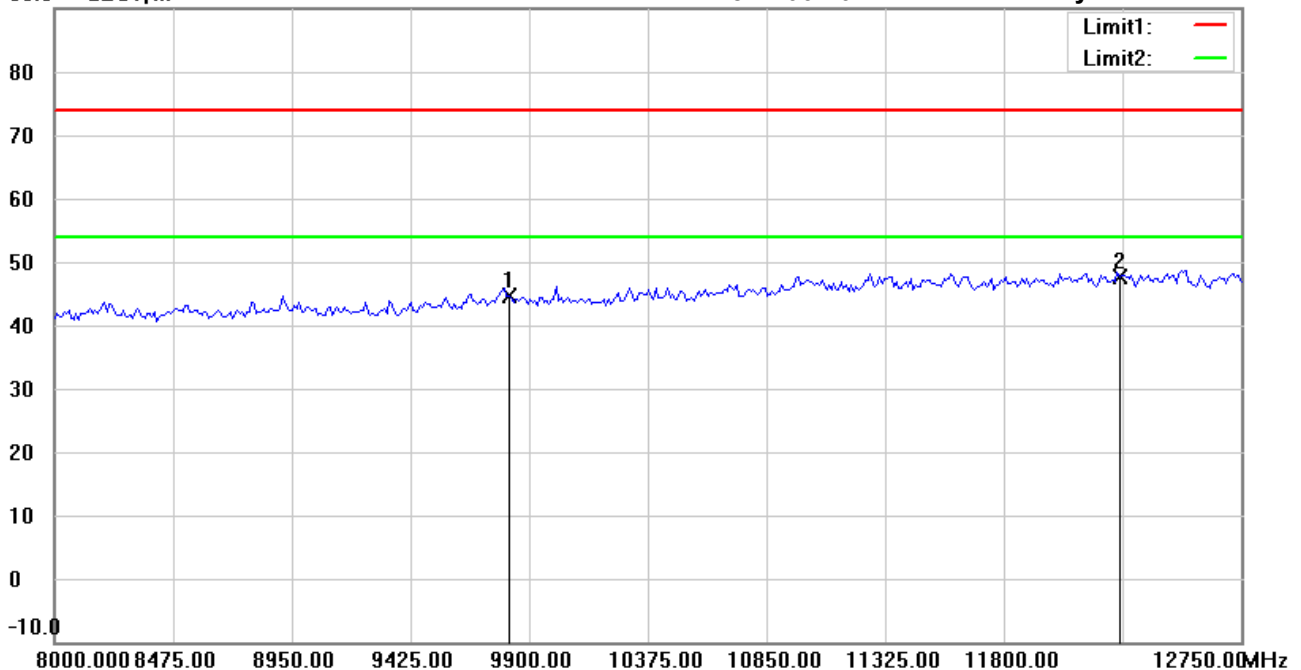
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:06:20 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9808.663	34.74	peak	9.82	44.56	74.00	150	49	-29.44	
*	12260.148	33.17	peak	14.41	47.58	74.00	150	150	-26.42	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

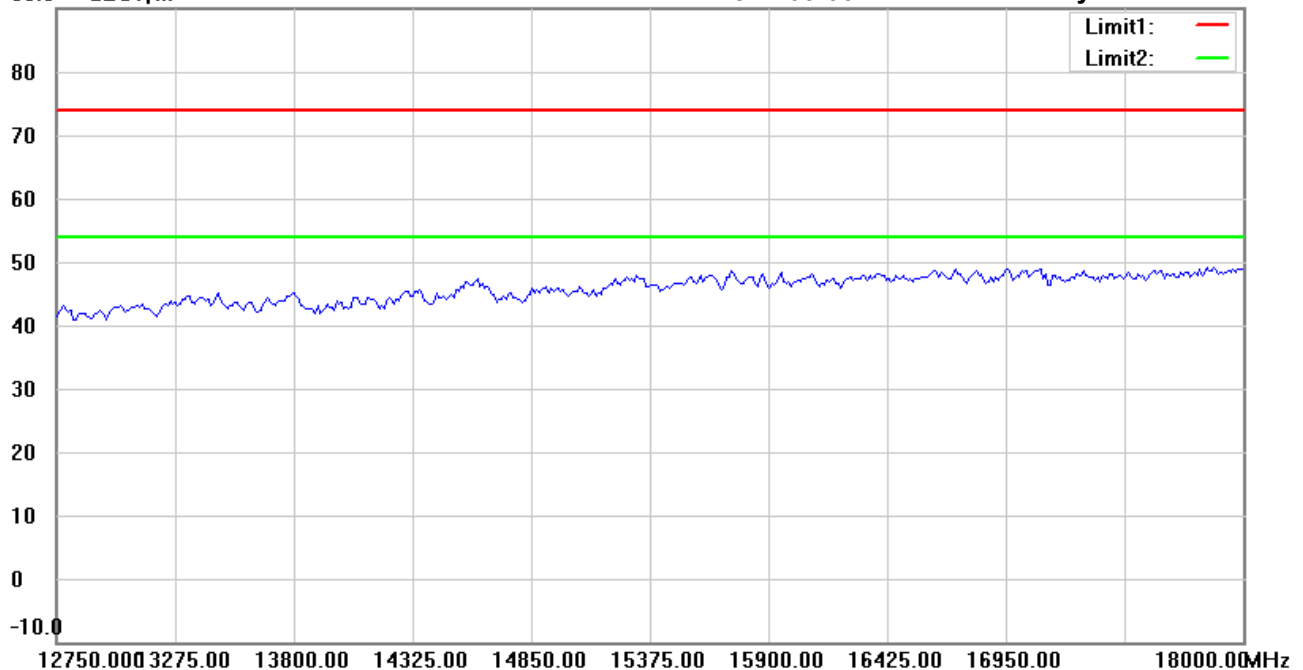
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:03:06 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

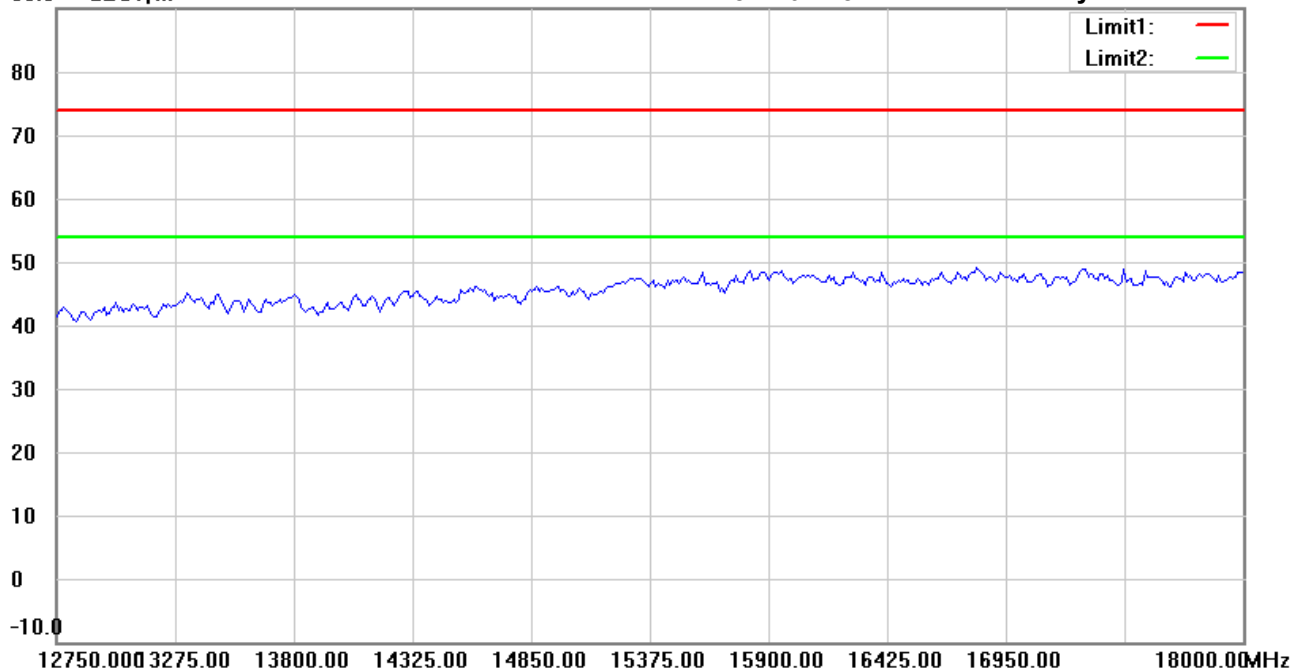
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:07:18 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

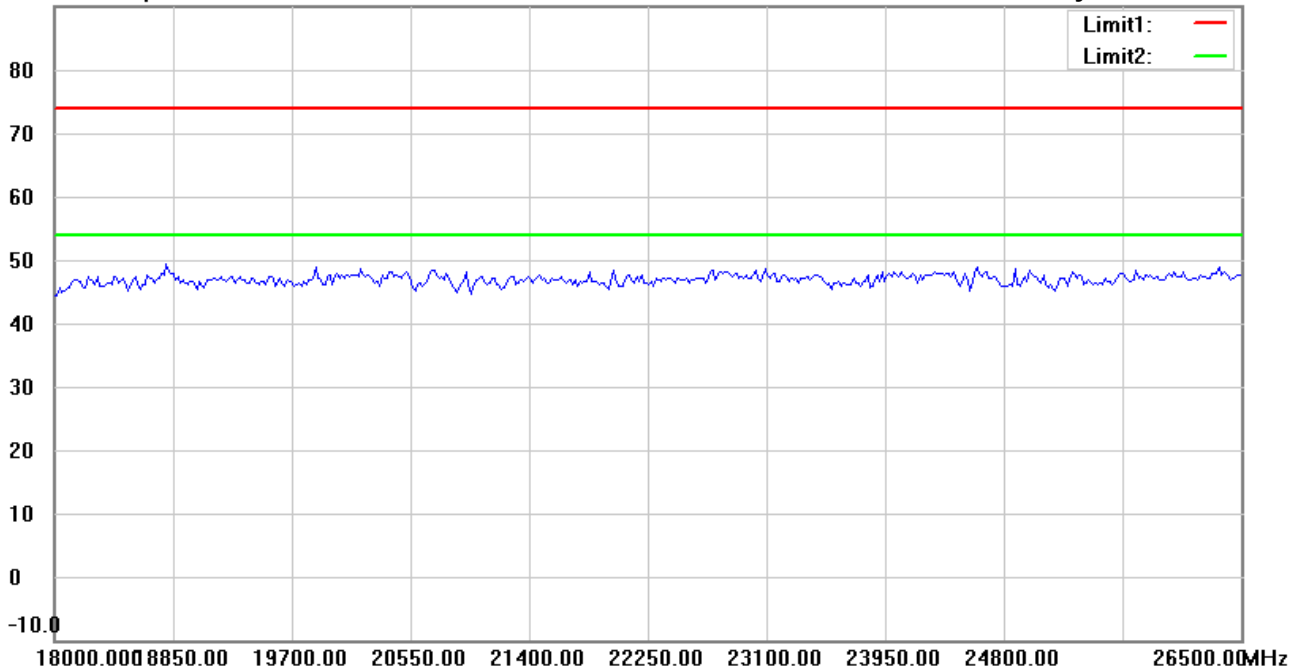
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:03:17 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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 : 3

Data : #10

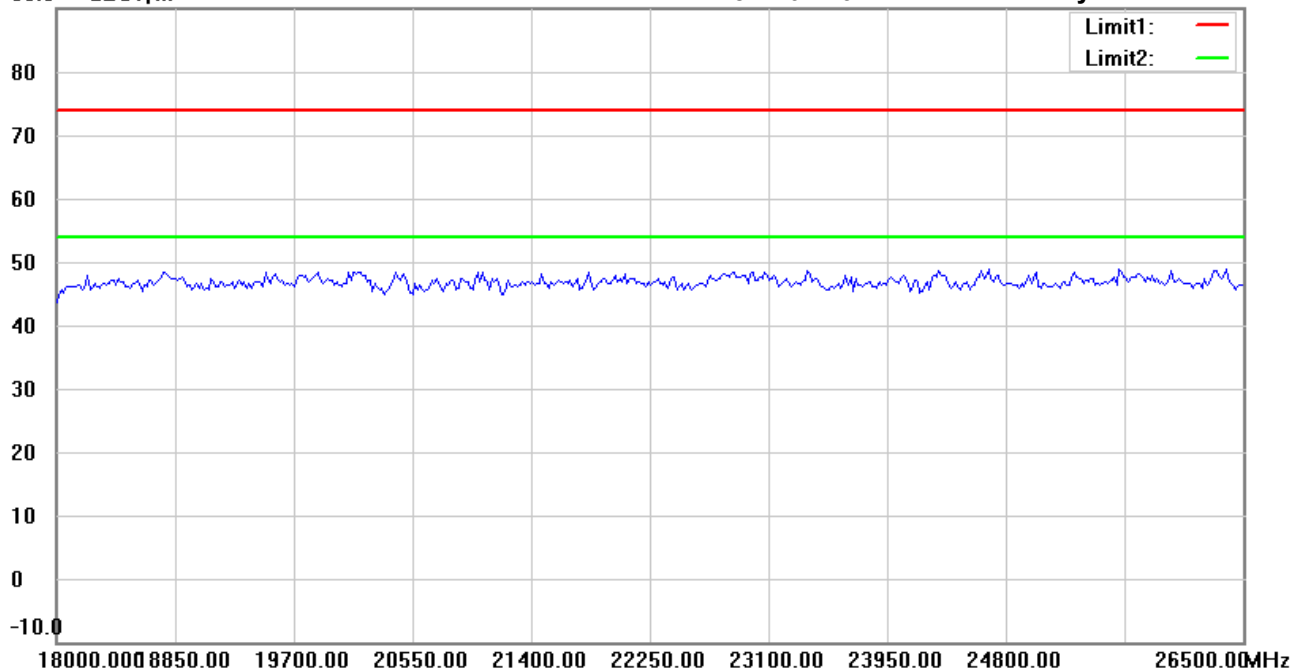
Date: 12/11/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:07:29 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 1_BT_TX

Data : #1

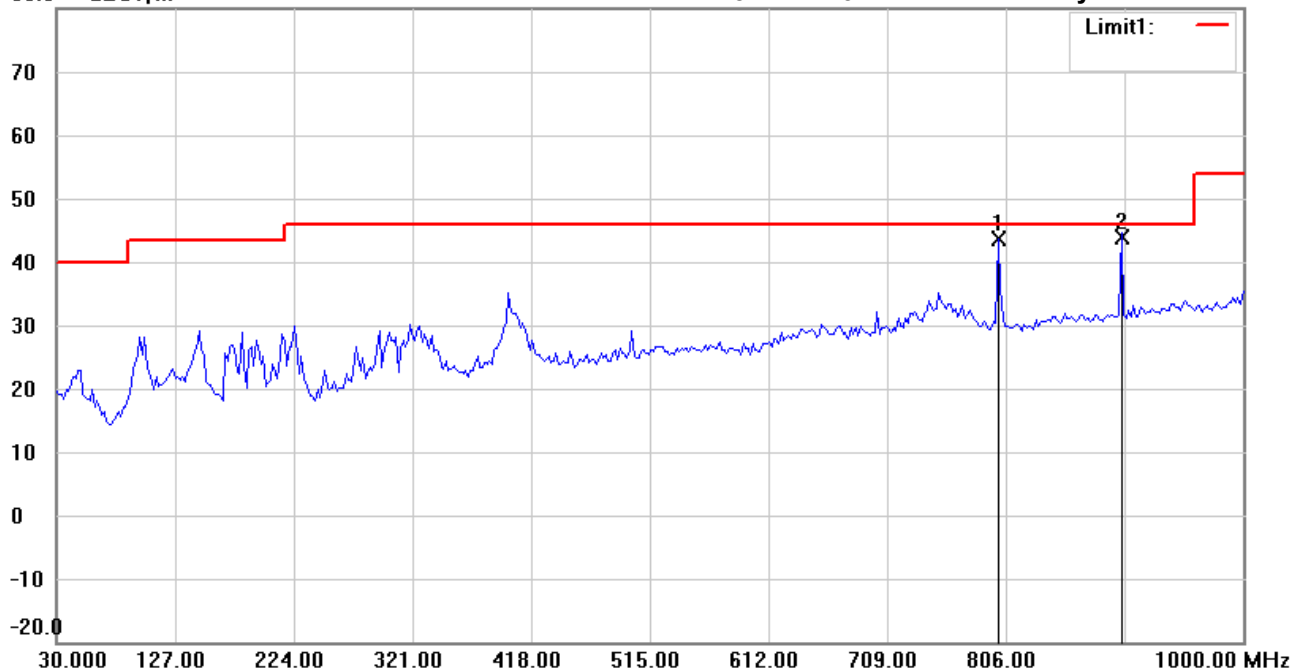
Date: 12/11/2021

Temperature: 23.5 °C

80.0 dBuV/m

Time: 7:17:25 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M22108-21141

Power : PoE

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
	799.7796	41.60	QP	2.08	43.68	46.00	100	196	-2.32	
*	900.8617	39.27	QP	4.55	43.82	46.00	105	245	-2.18	



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Radiated Emission Measurement

Operator: Allen

File : 1_BT_TX

Data : #2

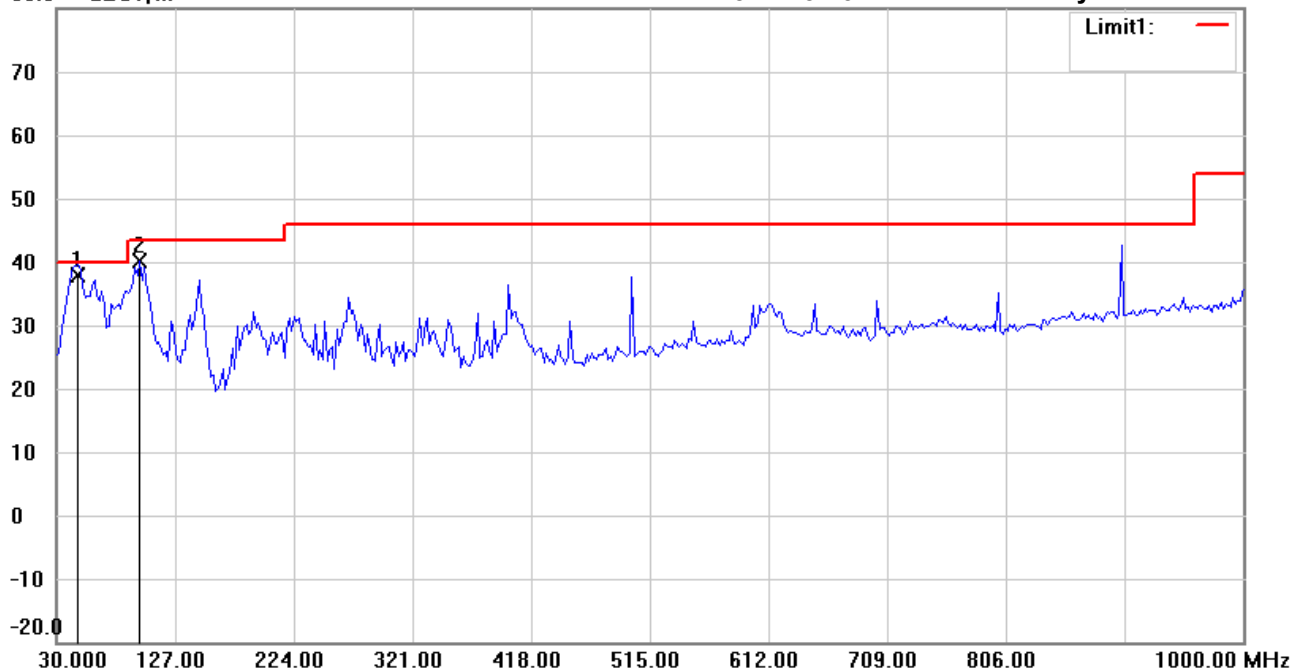
Date: 12/11/2021

Temperature: 23.5 °C

80.0 dBuV/m

Time: 7:18:25 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: **Vertical**

EUT : W6M22108-21141

Power : PoE

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
*	47.4950	47.28	QP	-9.46	37.82	40.00	100	255	-2.18	
	98.0361	50.22	peak	-10.03	40.19	43.50	110	32	-3.31	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #1

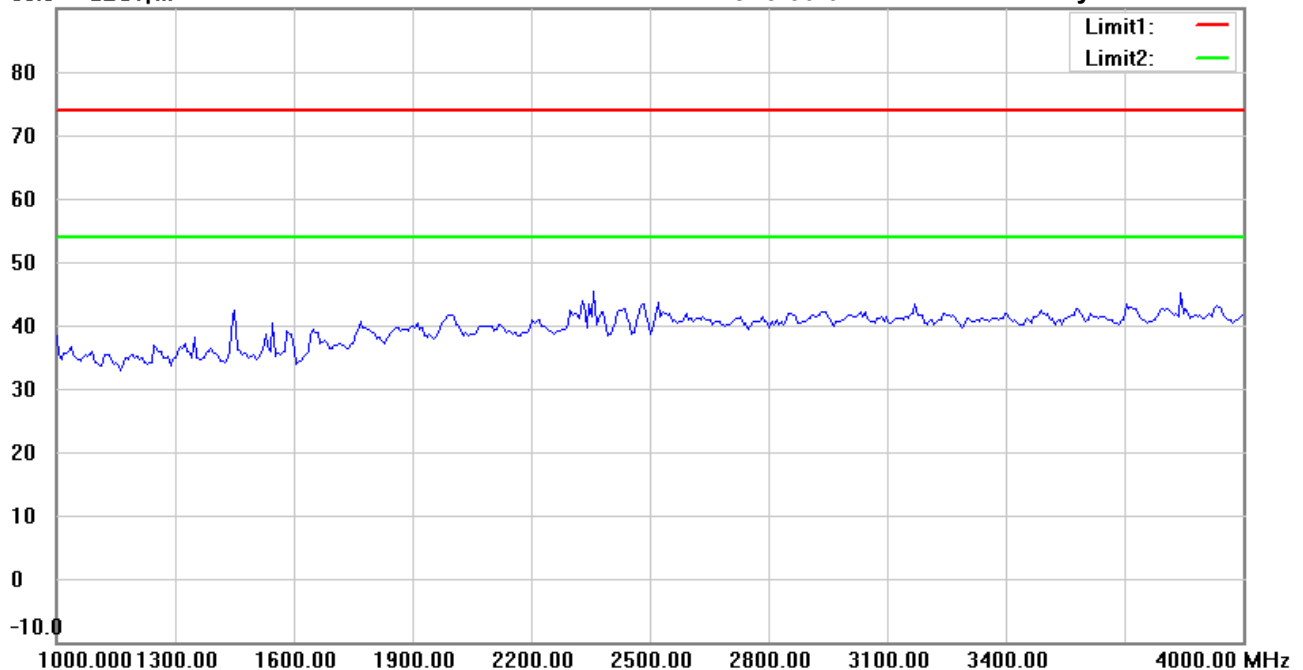
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:30:01 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

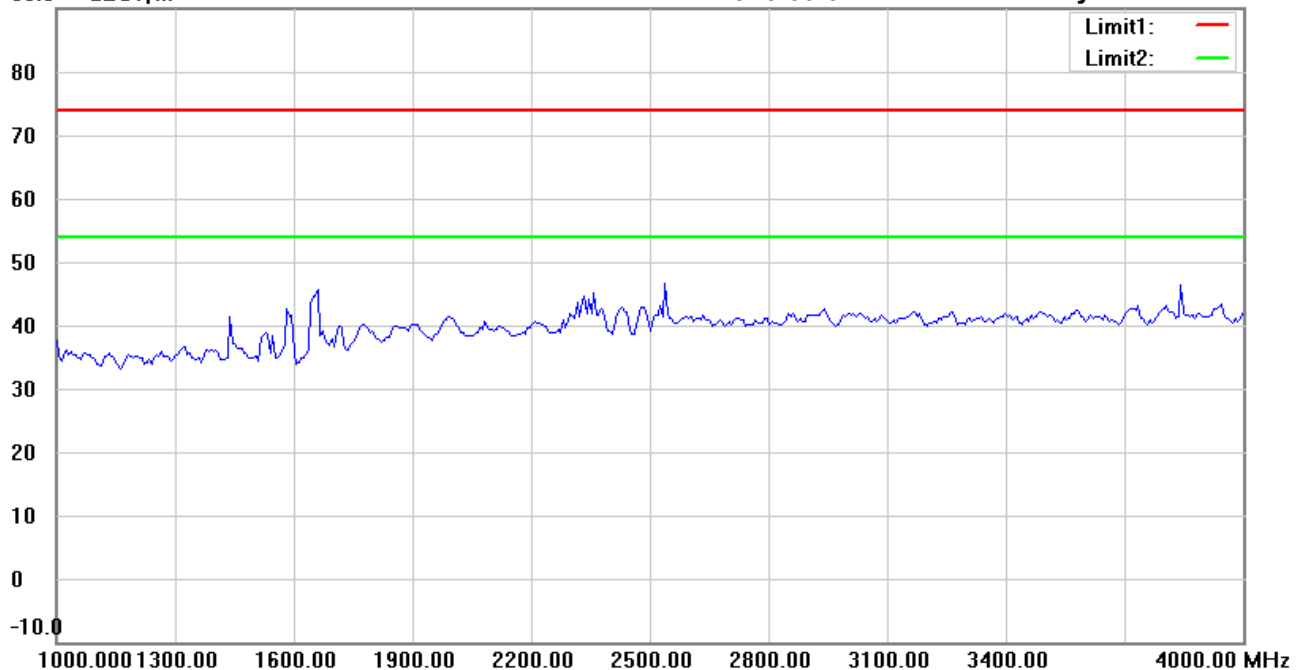
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:33:32 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

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



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

Operator: Allen

File :3

Data :#2

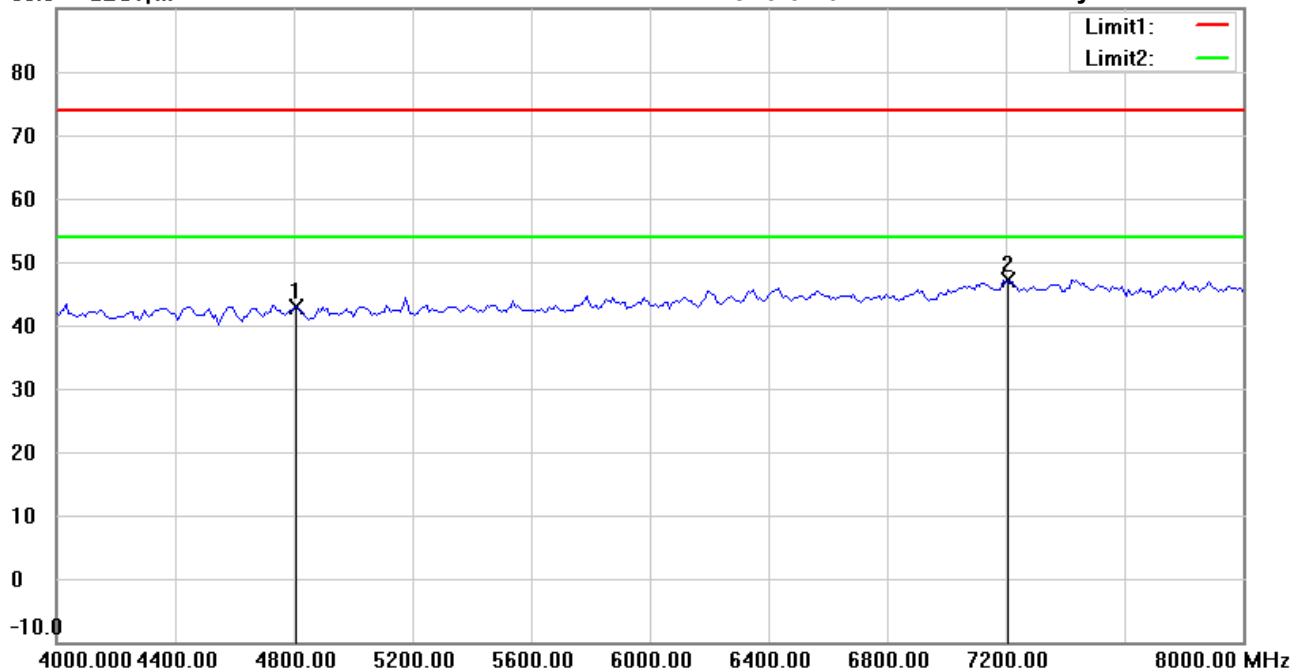
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:31:01 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.318	41.53	peak	1.36	42.89	74.00	150	21	-31.11	
*	7206.094	41.15	peak	6.03	47.18	74.00	150	77	-26.82	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #7

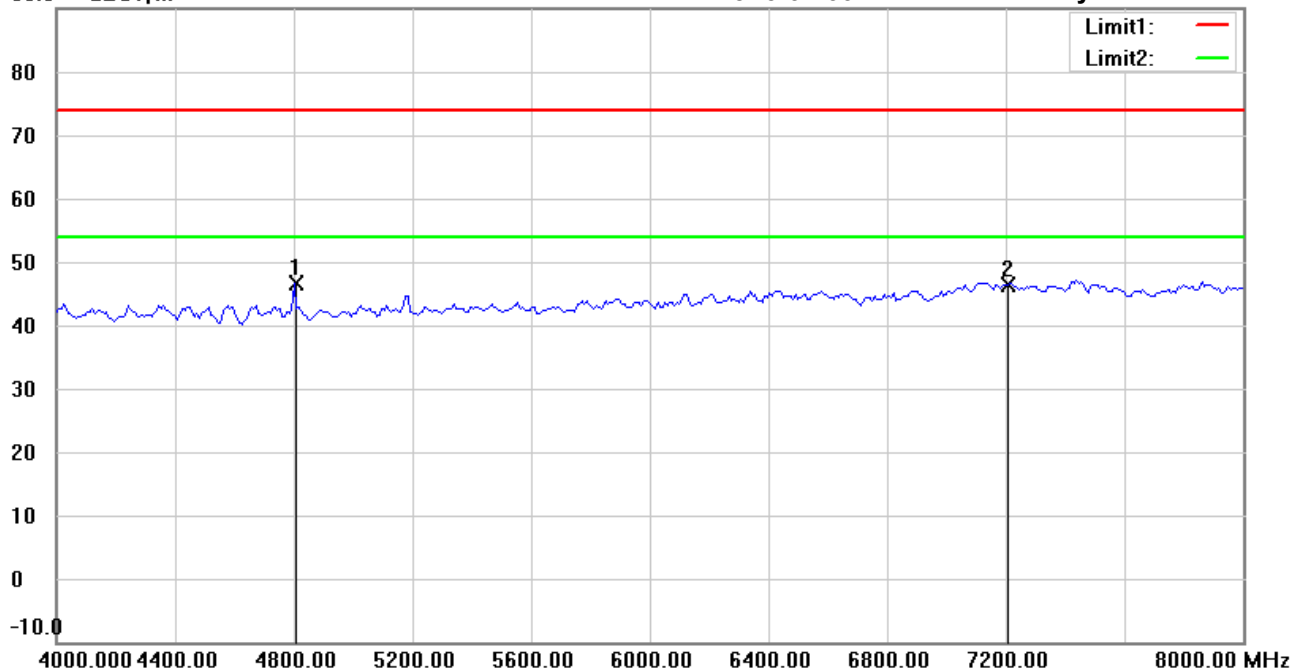
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:34:33 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4803.603	45.20	peak	1.36	46.56	74.00	150	240	-27.44	
	7206.330	40.23	peak	6.03	46.26	74.00	150	83	-27.74	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

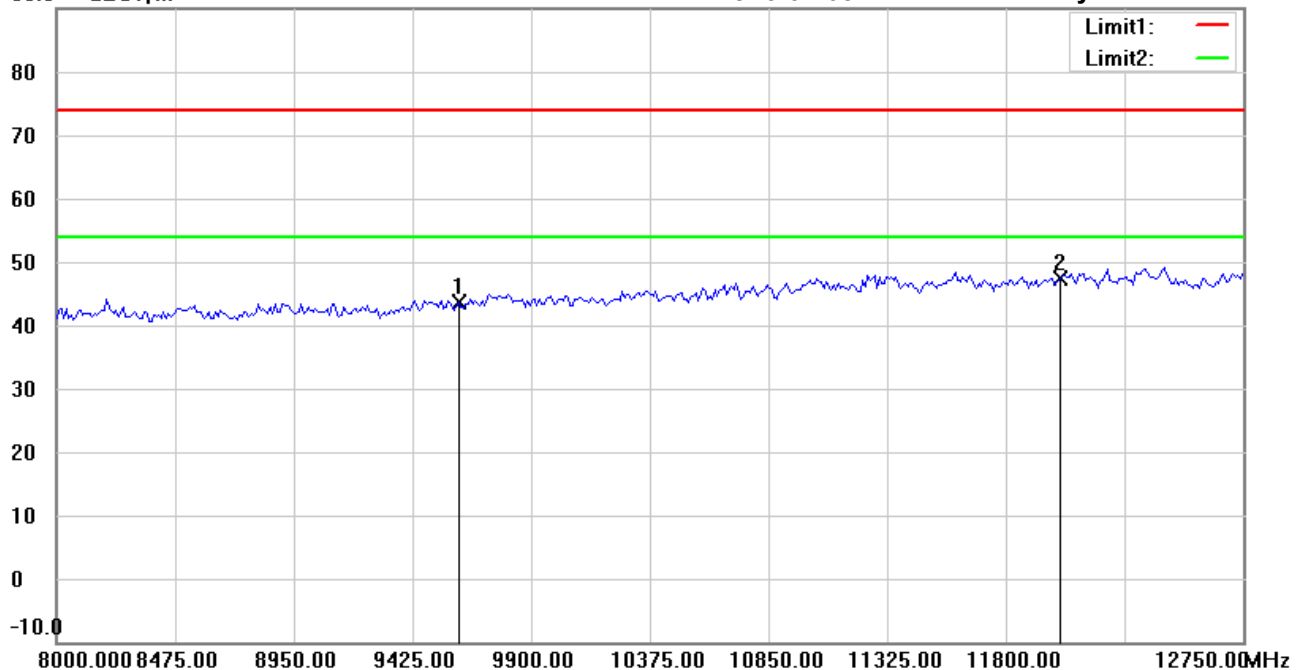
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:32:08 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.178	34.98	peak	8.71	43.69	74.00	150	95	-30.31	
*	12010.442	33.81	peak	13.53	47.34	74.00	150	210	-26.66	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

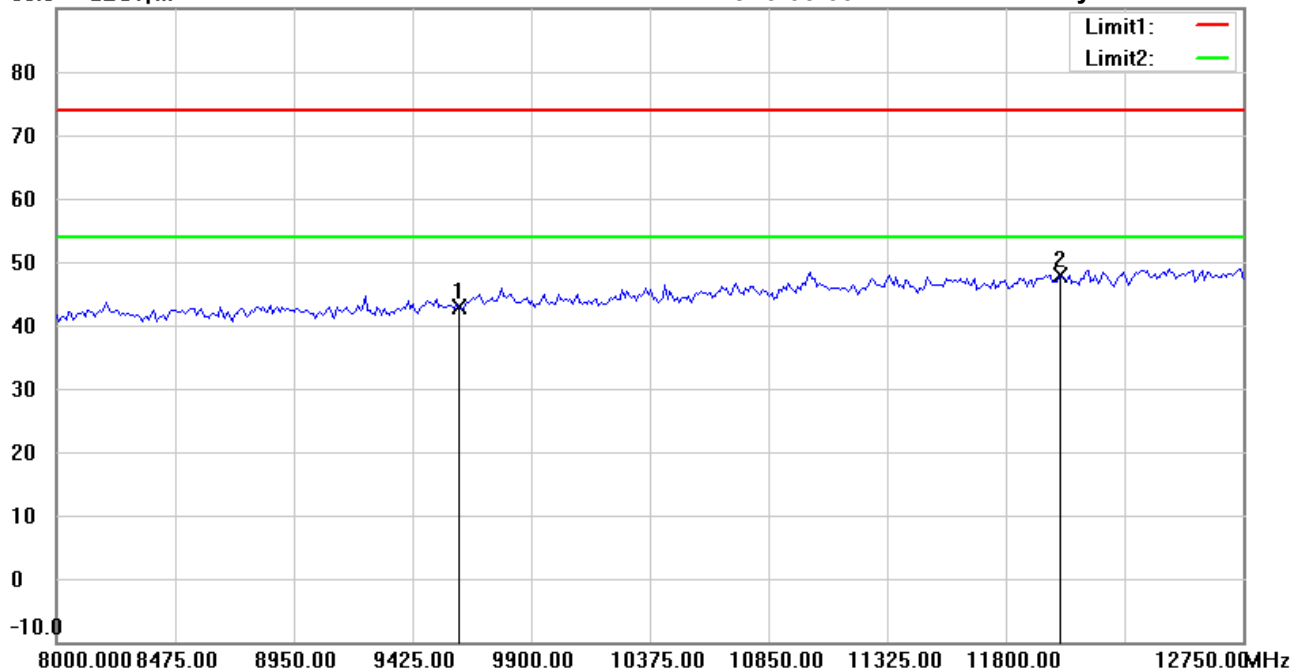
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:35:33 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.275	34.29	peak	8.71	43.00	74.00	150	187	-31.00	
*	12010.360	34.32	peak	13.53	47.85	74.00	150	115	-26.15	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#4

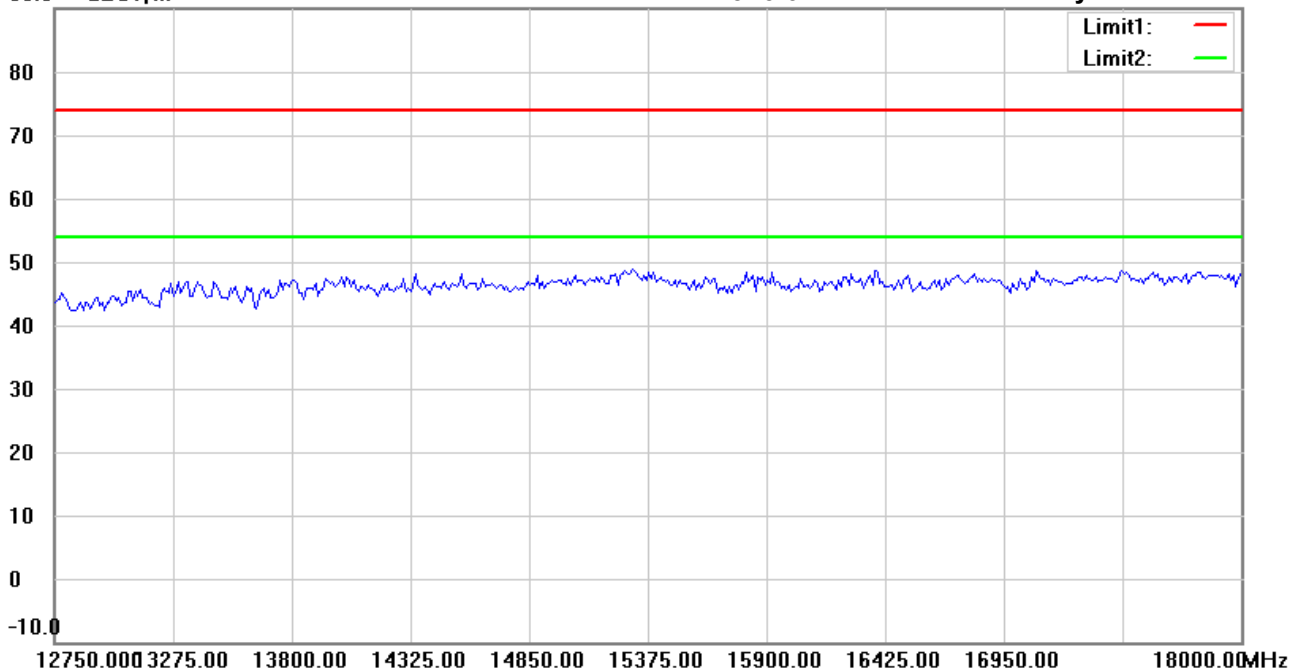
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:32:22 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

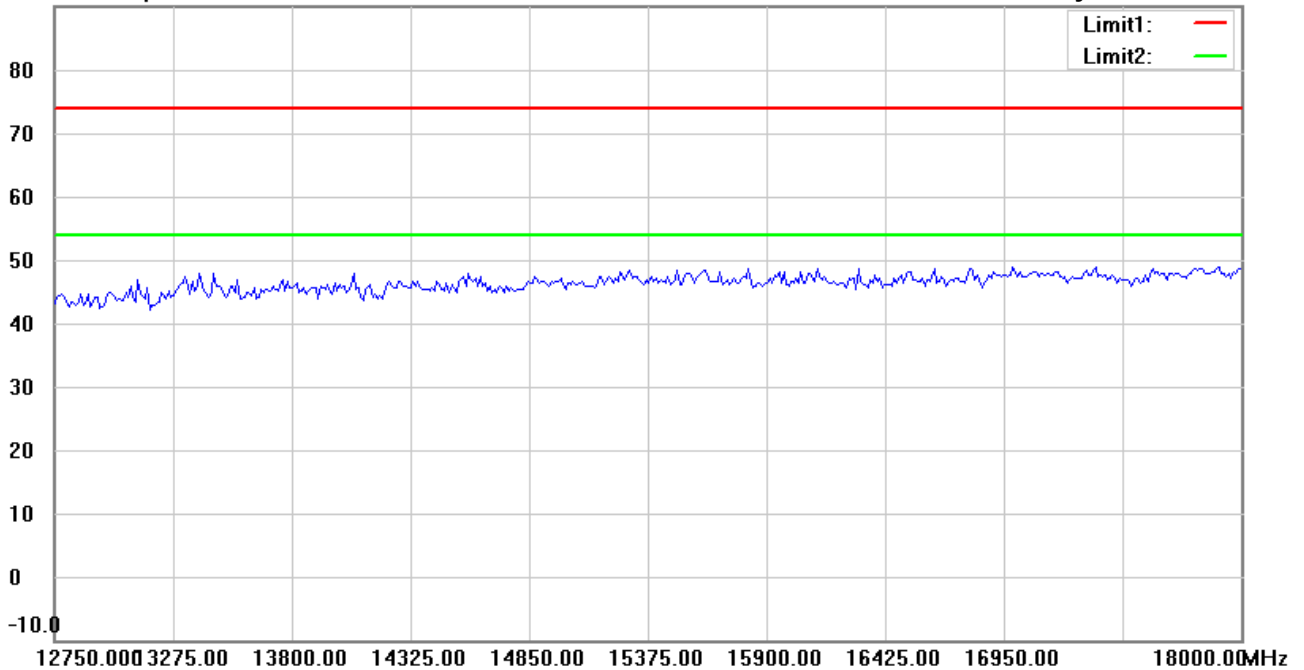
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:35:47 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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 : 3

Data : #5

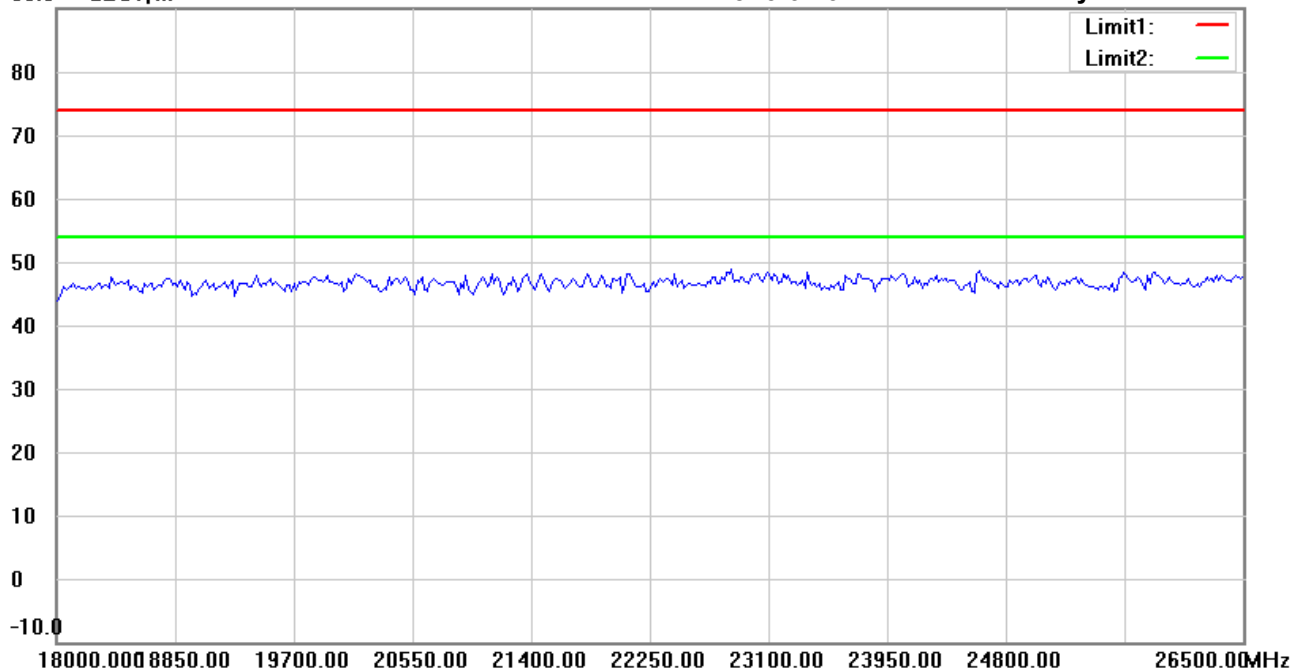
Date: 12/10/2021

Temperature: 23.5 °C

Time: 5:32:32 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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 :3

Data :#10

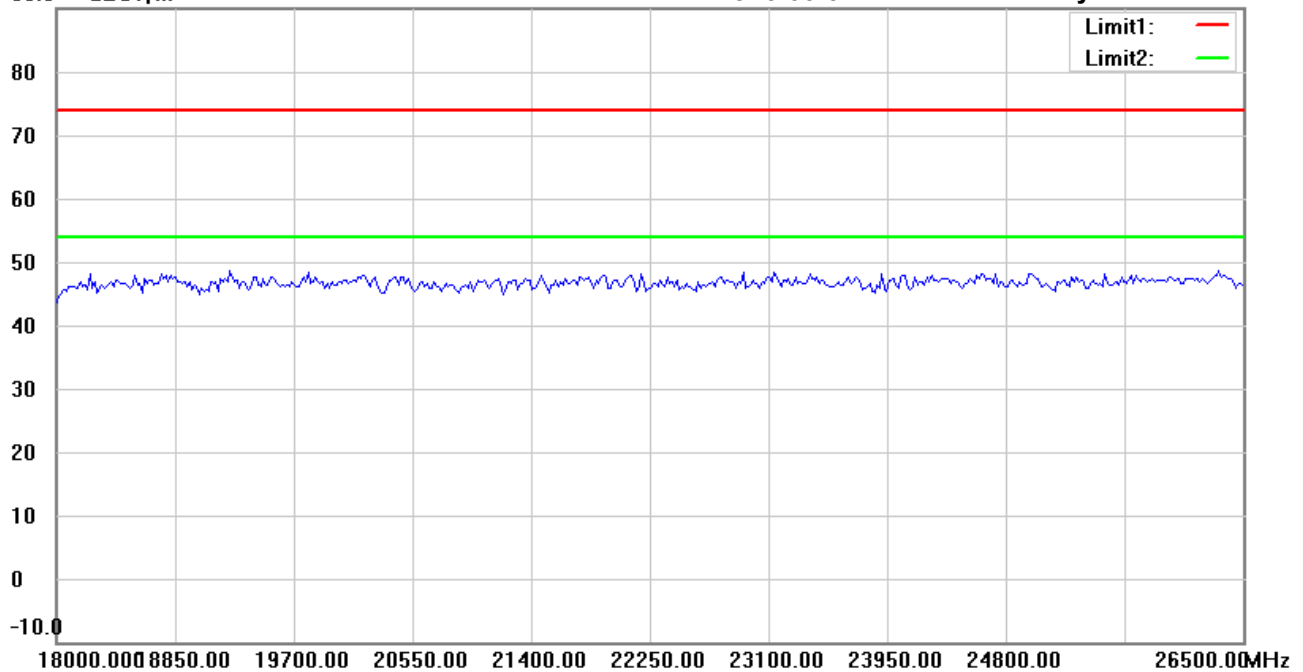
Date: 12/10/2021

Temperature: 23.5 °C

Time: 5:35:57 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #1

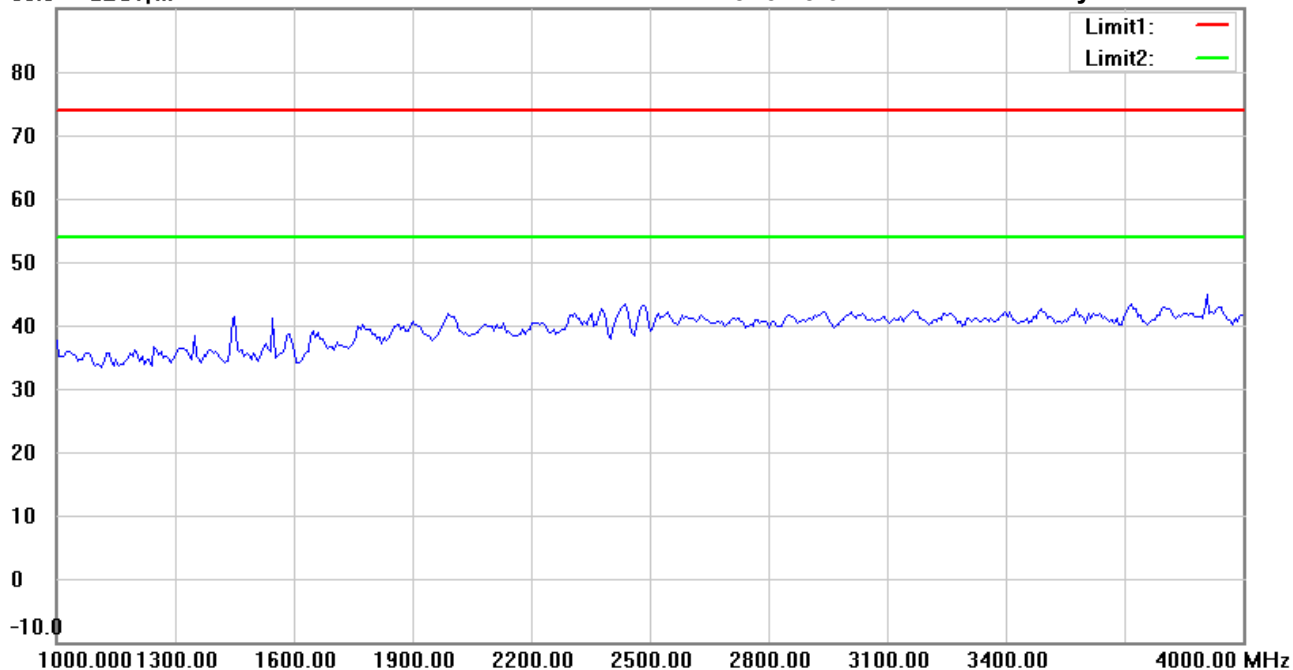
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:48:32 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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 : 3

Data : #6

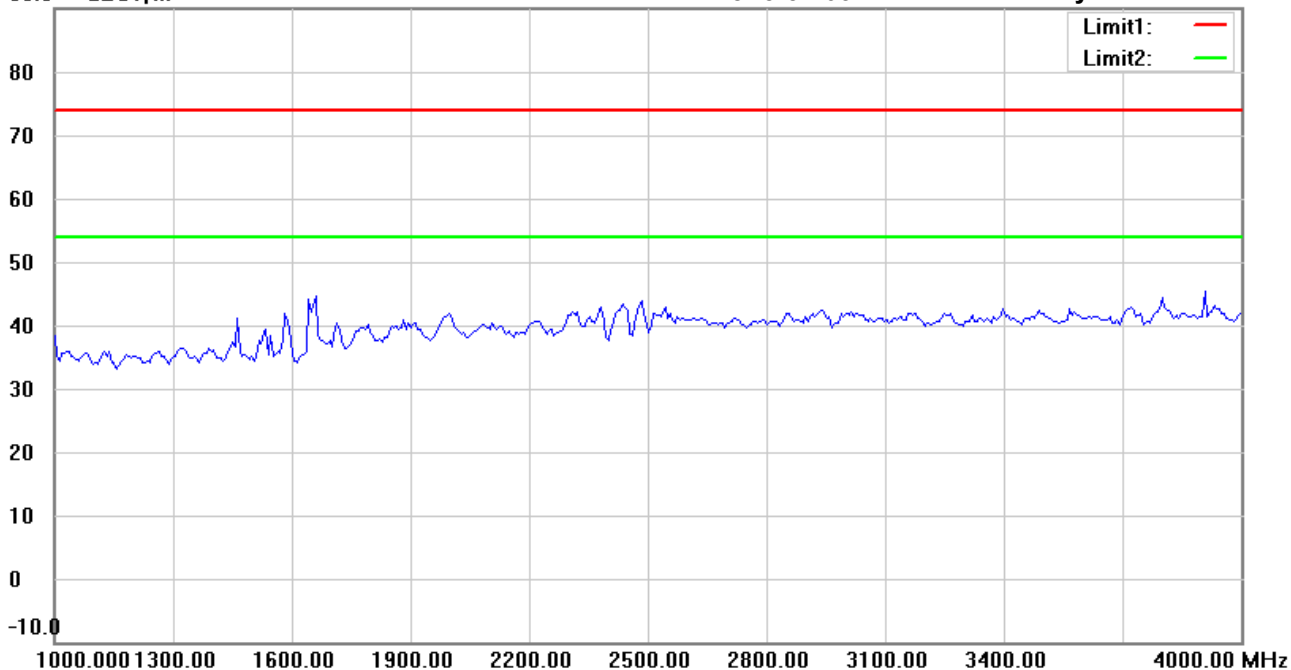
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:52:03 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#2

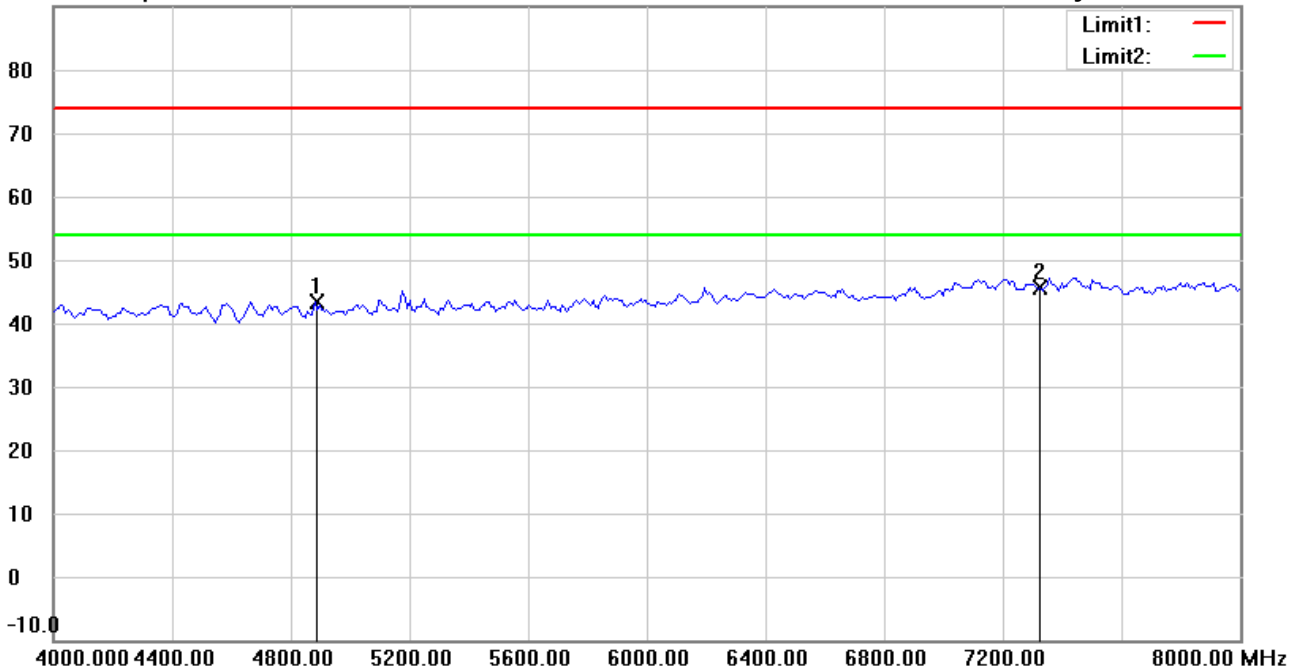
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:49:33 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4881.764	41.59	peak	1.76	43.35	74.00	150	142	-30.65	
*	7323.376	39.74	peak	5.87	45.61	74.00	150	263	-28.39	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #7

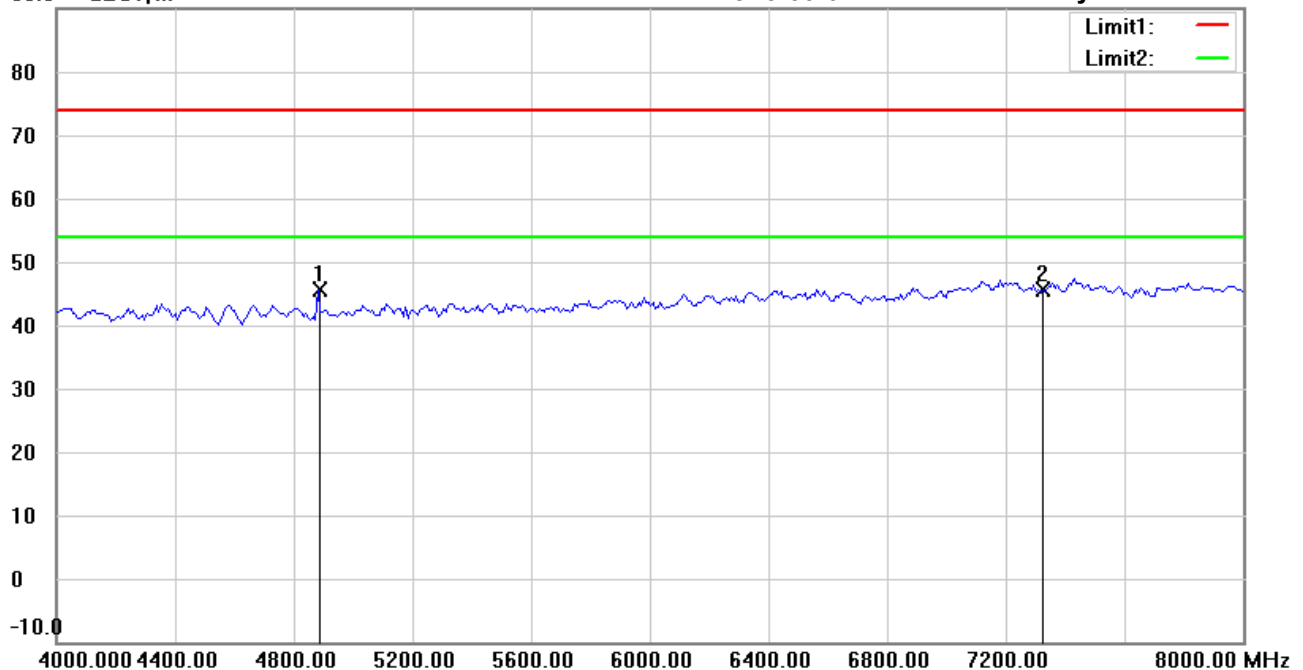
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:53:04 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4881.764	43.98	peak	1.76	45.74	74.00	150	107	-28.26	
	7323.348	39.71	peak	5.87	45.58	74.00	150	95	-28.42	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #3

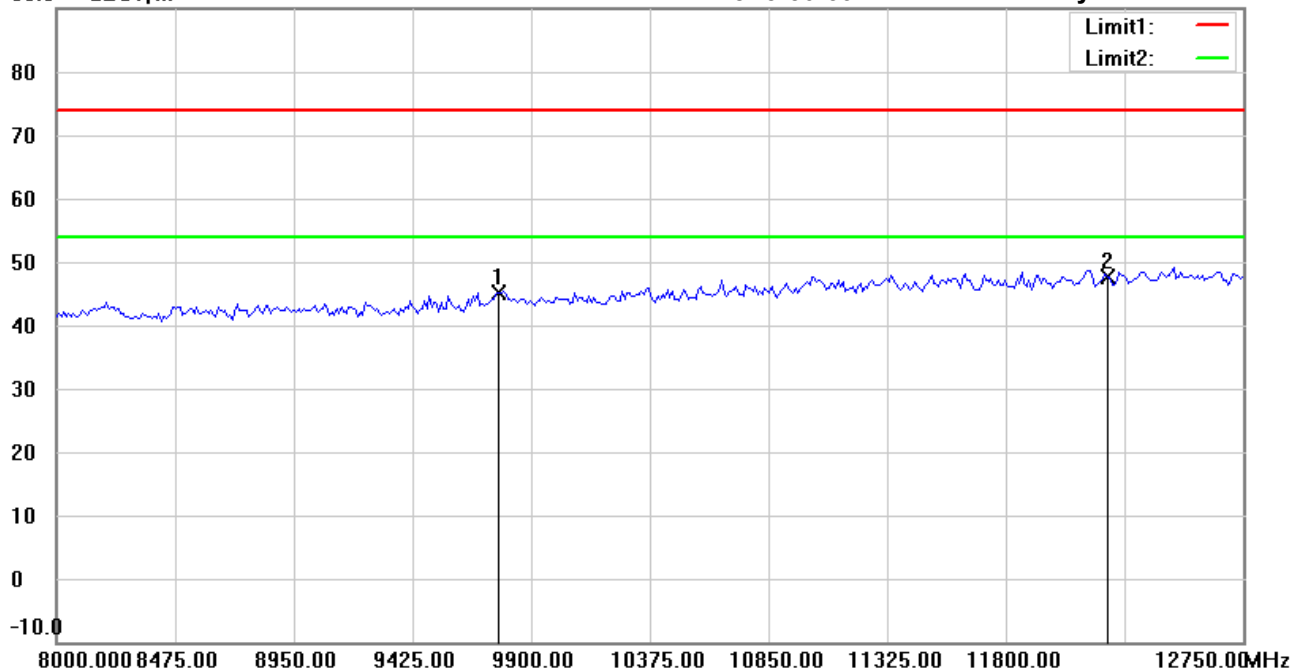
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:50:39 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9764.981	35.38	peak	9.67	45.05	74.00	150	183	-28.95	
*	12205.442	32.76	peak	14.76	47.52	74.00	150	146	-26.48	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

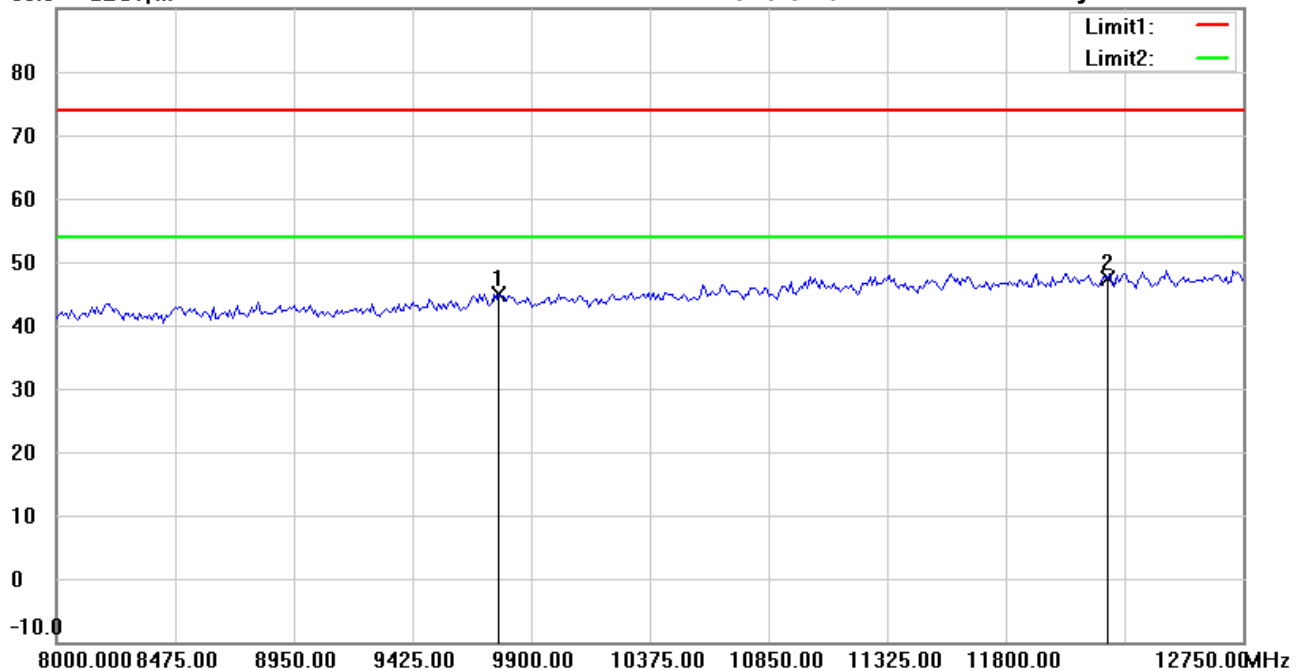
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:54:04 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9764.628	35.26	peak	9.67	44.93	74.00	150	342	-29.07	
*	12205.143	32.55	peak	14.76	47.31	74.00	150	100	-26.69	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

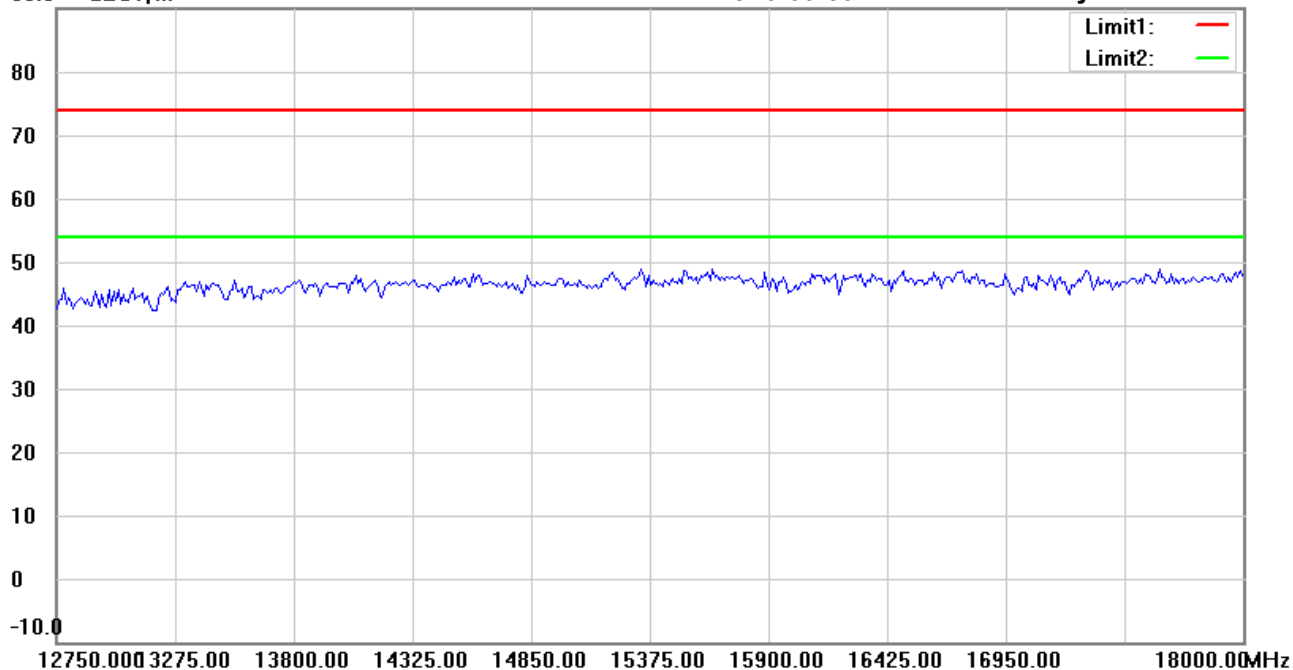
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:50:53 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

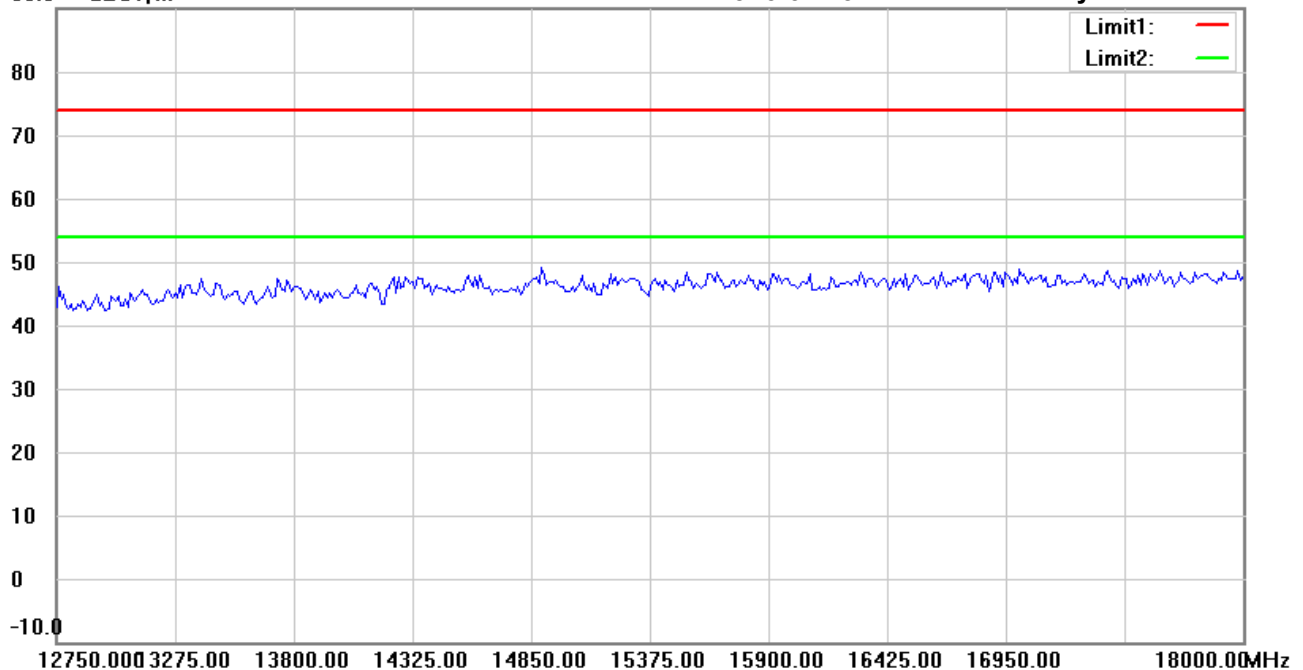
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:54:18 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22108-21141

Power : PoE

M/N:

Distance: 3m

Test Mode : TX 2441MHz

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#5

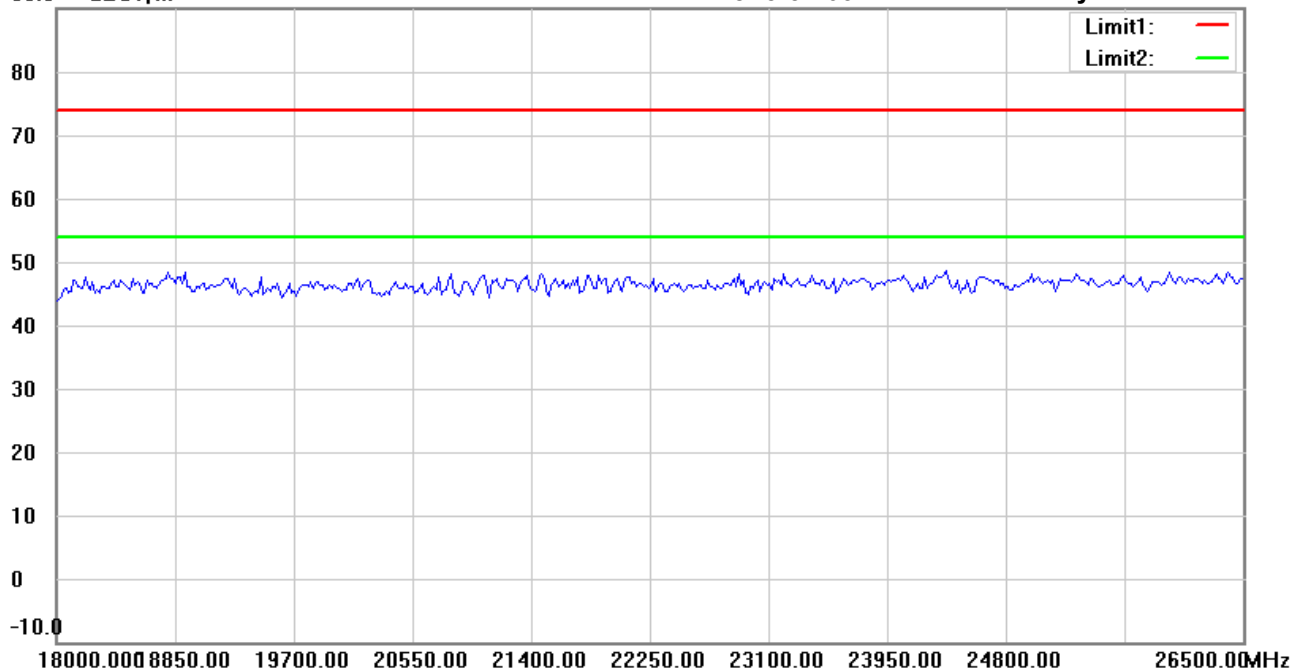
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:51:03 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

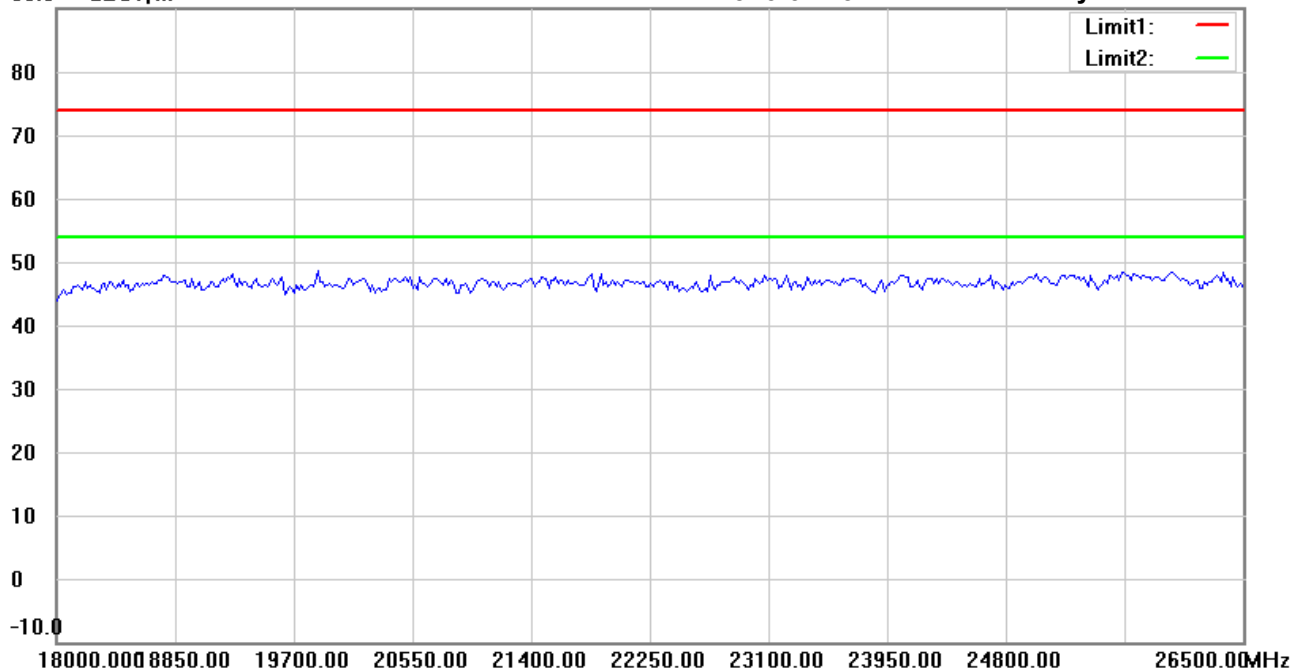
Date: 12/10/2021

Temperature: 23.5 °C

Time: 5:54:28 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2441MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #1

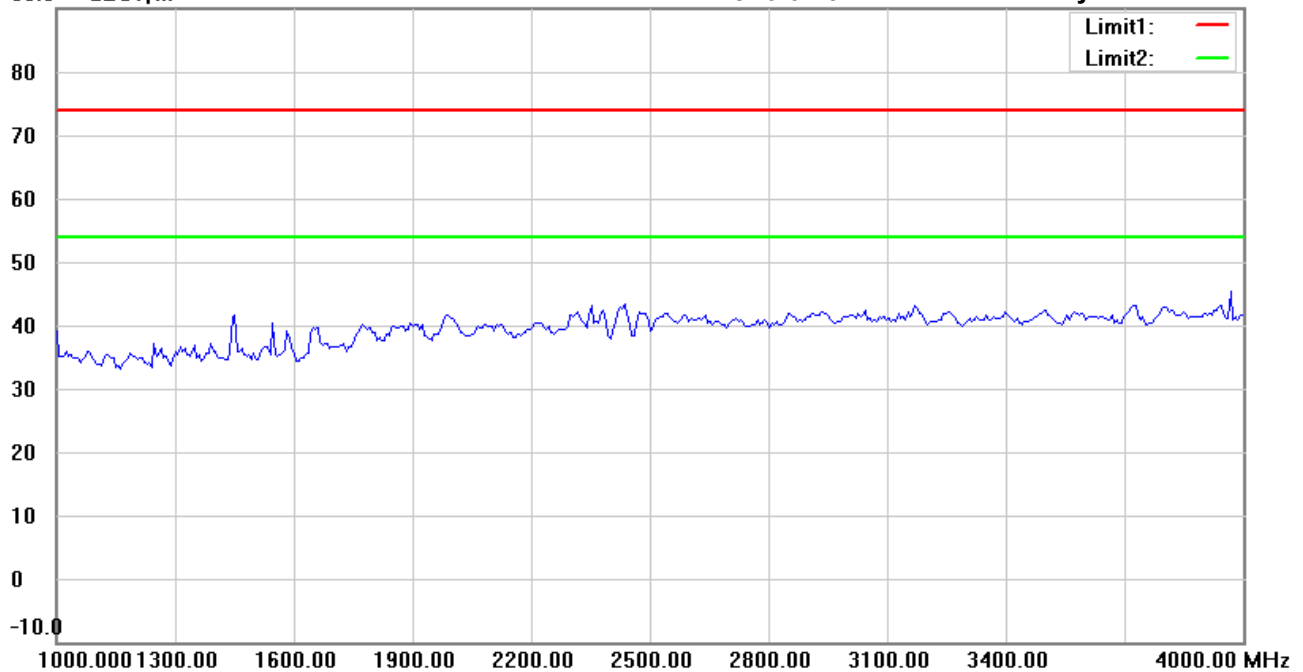
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 6:04:32 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

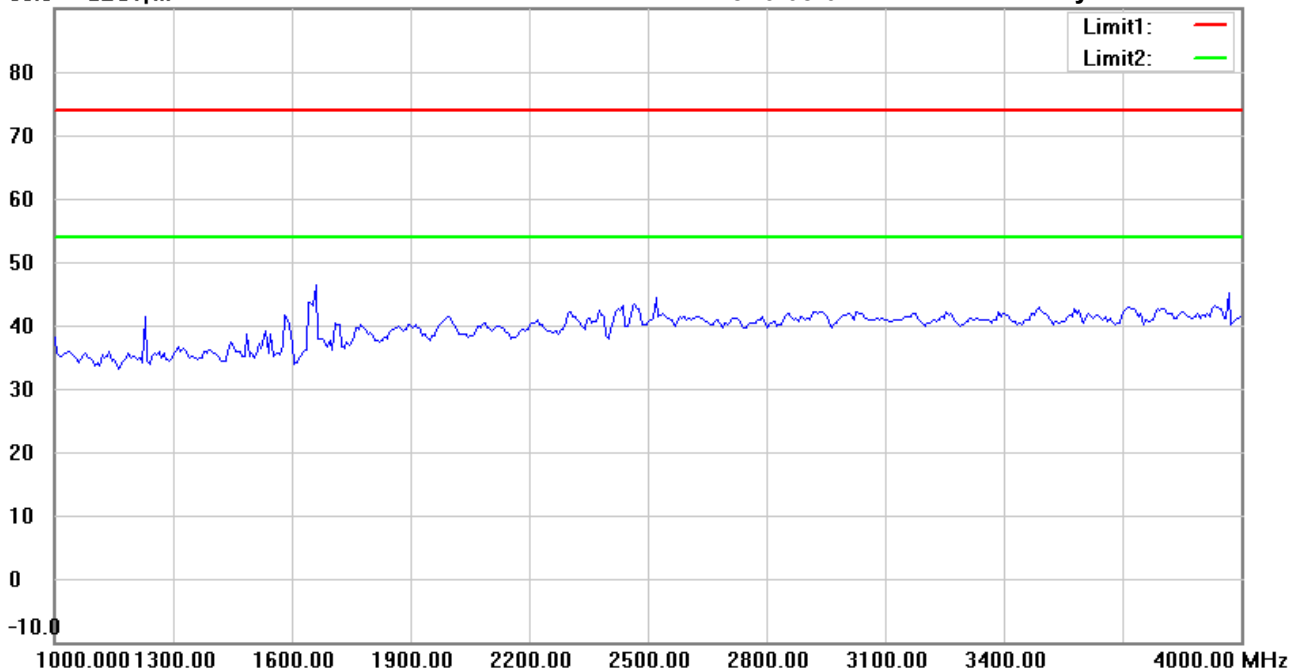
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 6:08:04 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#2

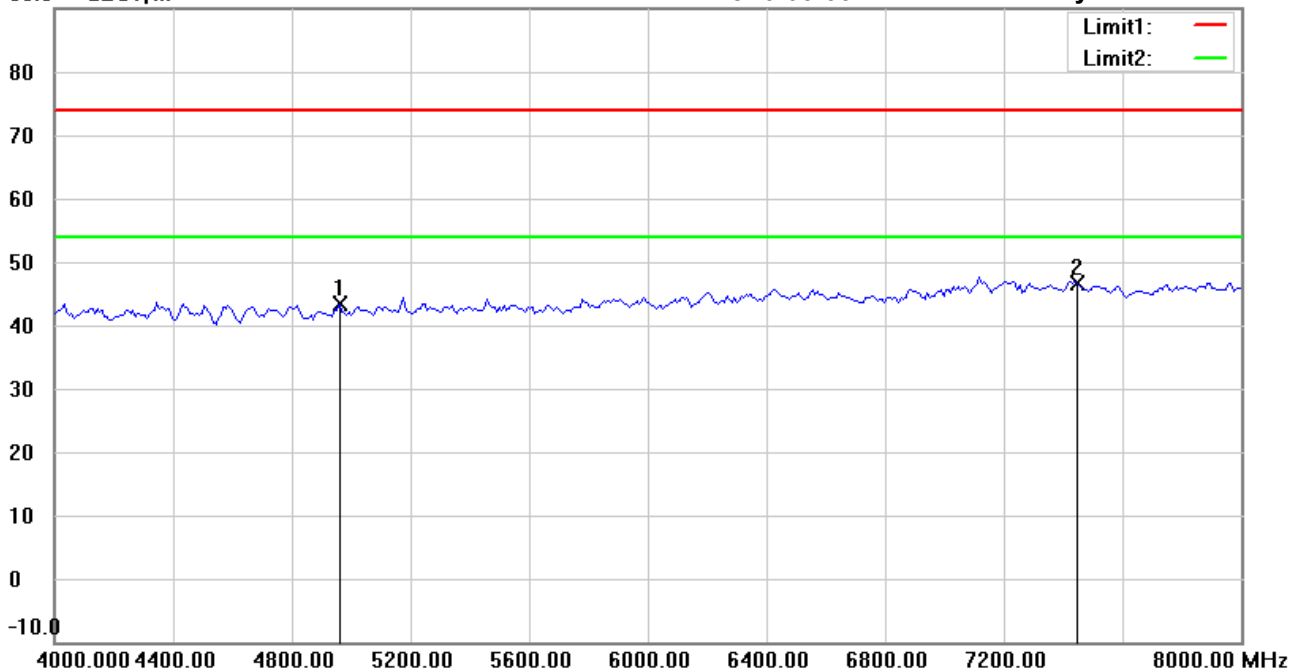
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 6:05:33 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.942	41.53	peak	1.91	43.44	74.00	150	331	-30.56	
*	7440.000	40.41	peak	6.27	46.68	74.00	150	64	-27.32	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #7

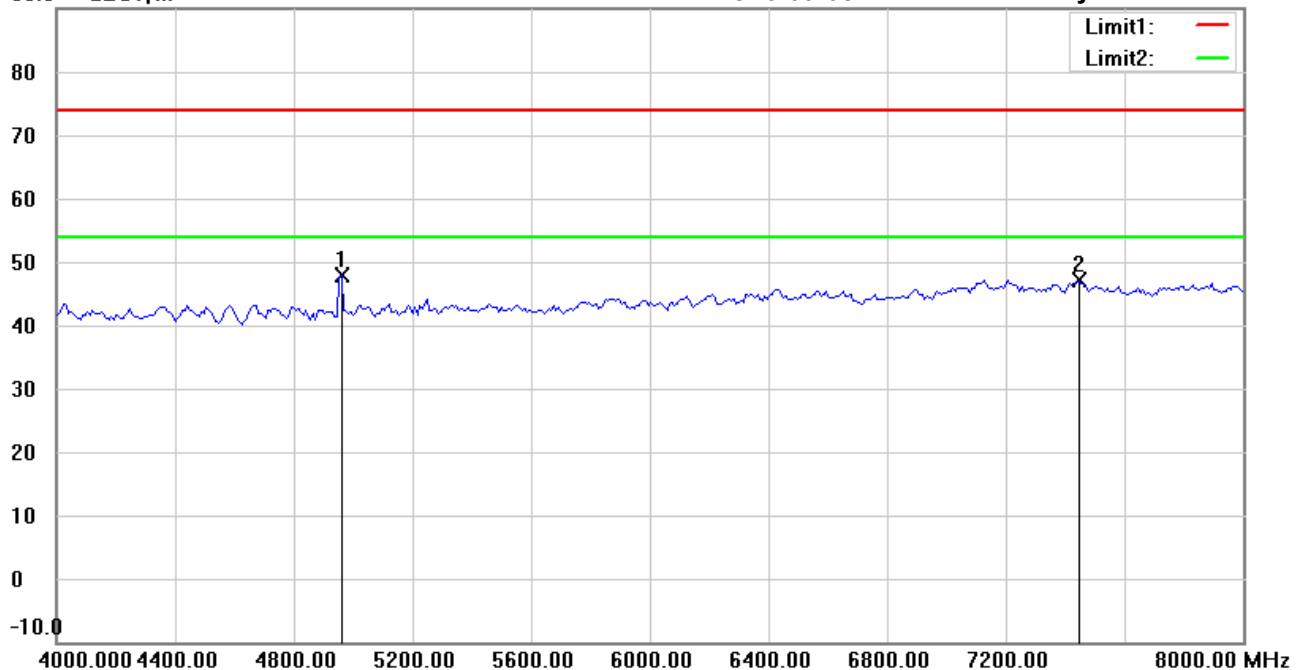
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 6:09:05 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4960.736	46.08	peak	1.91	47.99	74.00	150	248	-26.01	
	7440.225	40.95	peak	6.27	47.22	74.00	150	50	-26.78	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#3

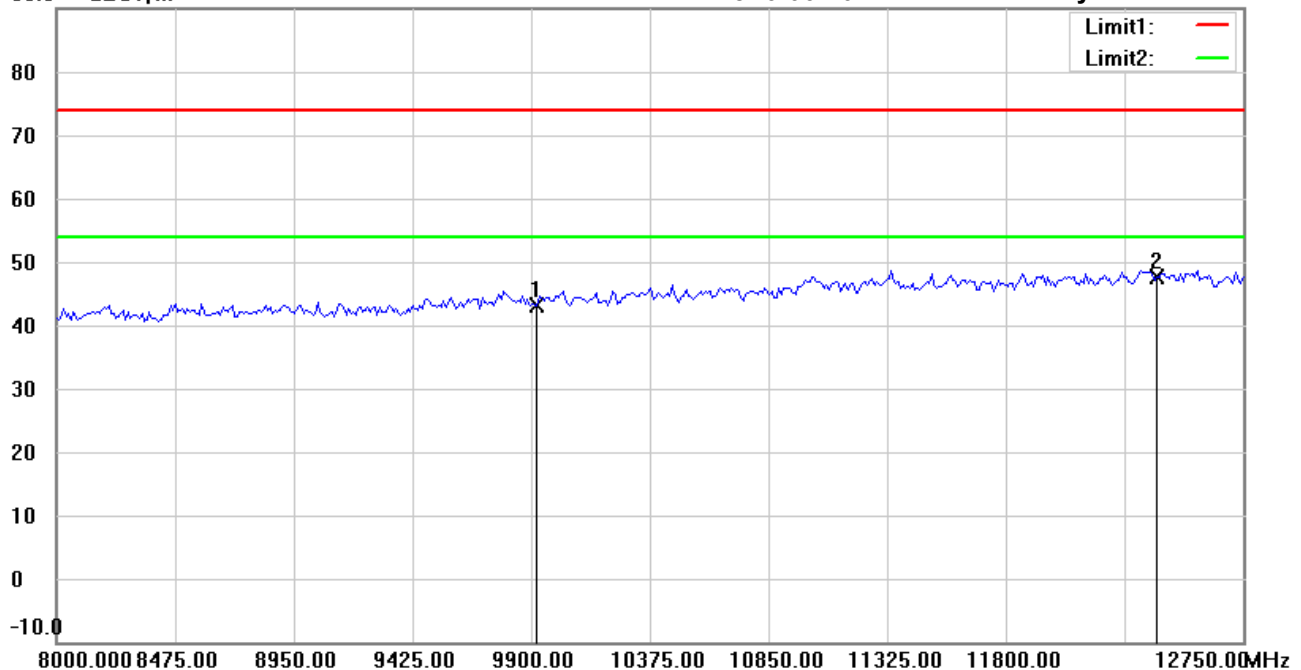
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 6:06:40 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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	34.10	peak	9.11	43.21	74.00	150	261	-30.79	
*	12400.000	32.81	peak	14.87	47.68	74.00	150	193	-26.32	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

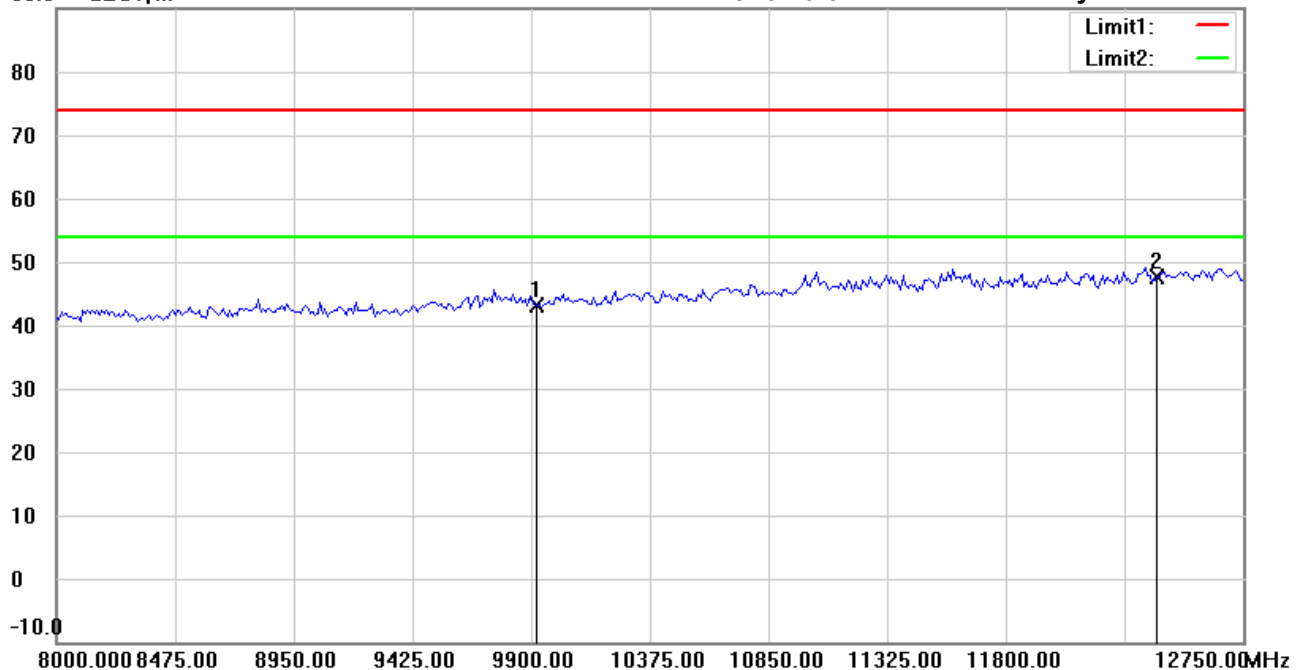
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 6:10:04 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.382	33.90	peak	9.11	43.01	74.00	150	97	-30.99	
*	12400.210	32.79	peak	14.87	47.66	74.00	150	162	-26.34	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

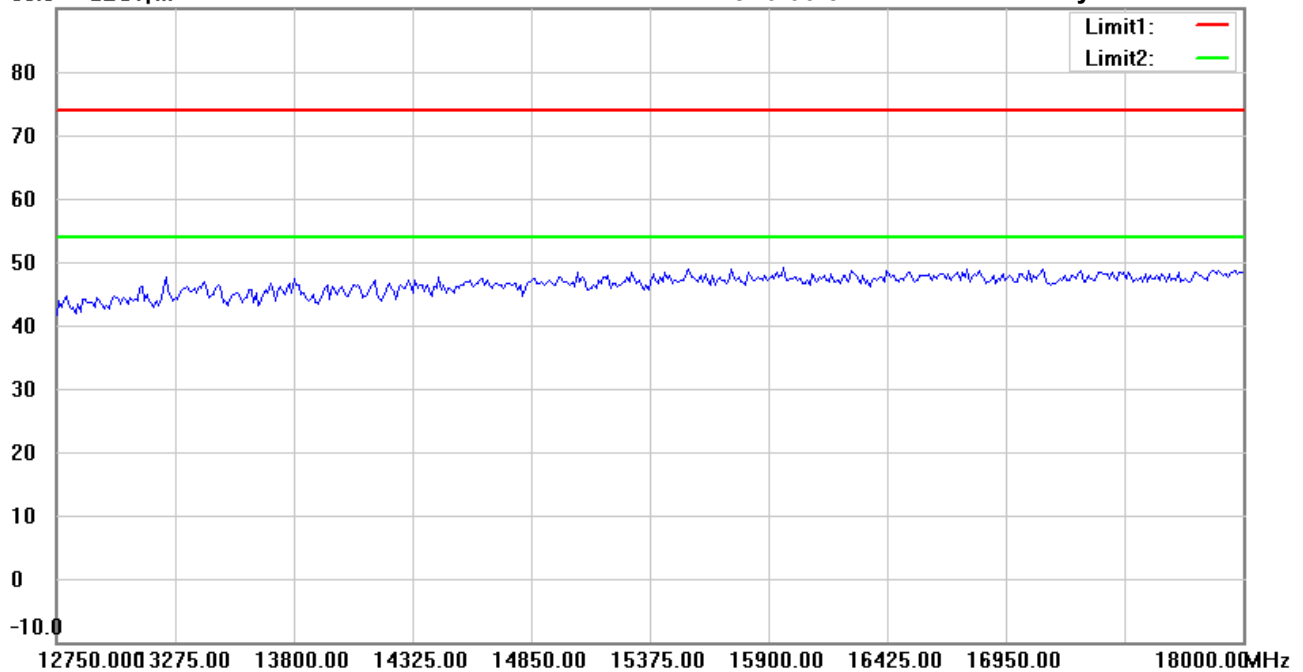
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 6:06:54 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

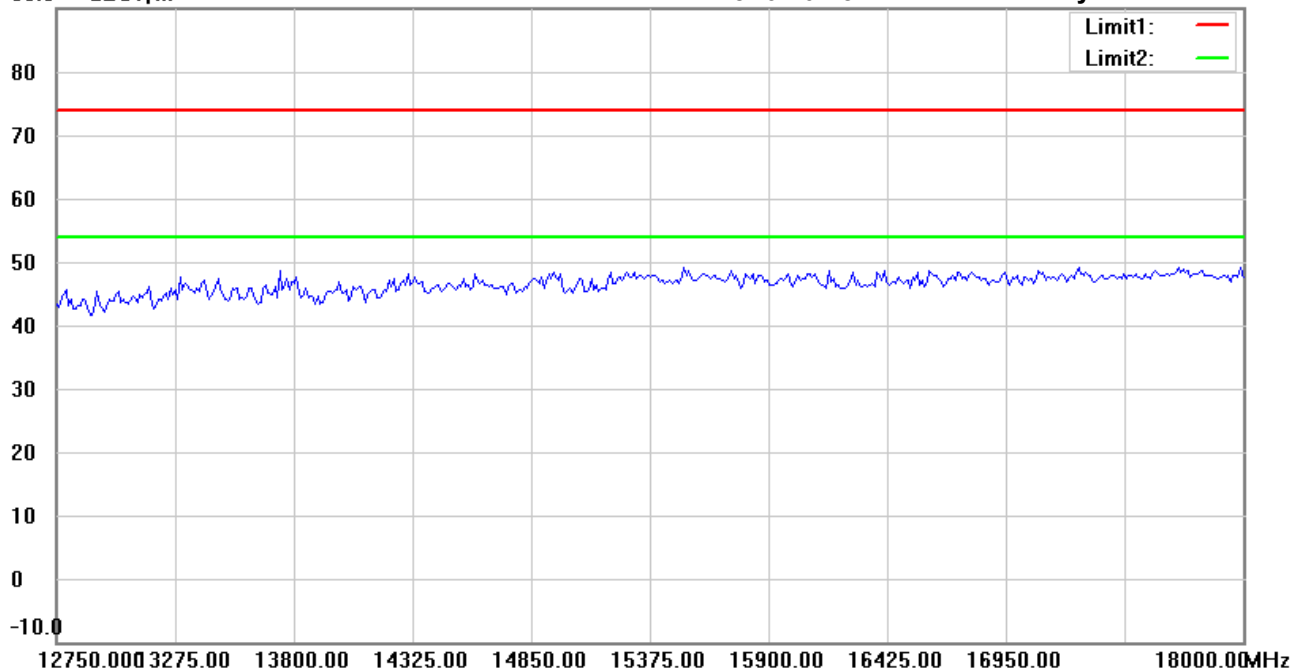
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 6:10:18 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

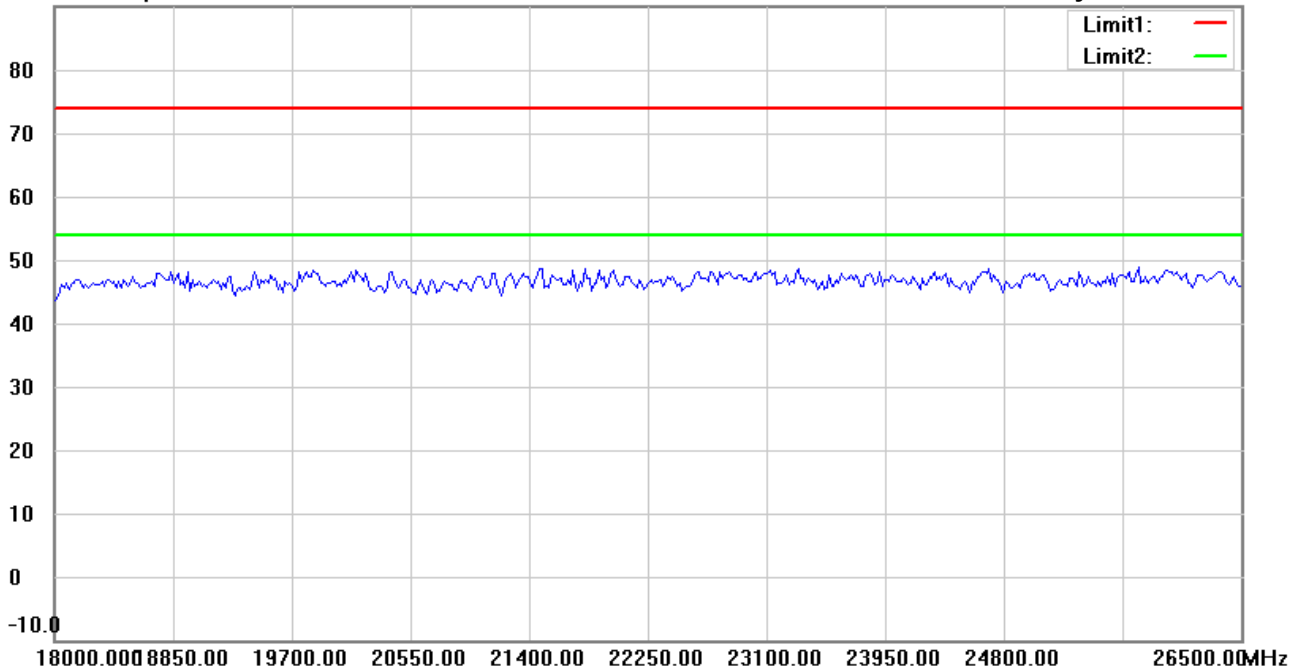
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 6:07:04 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #10

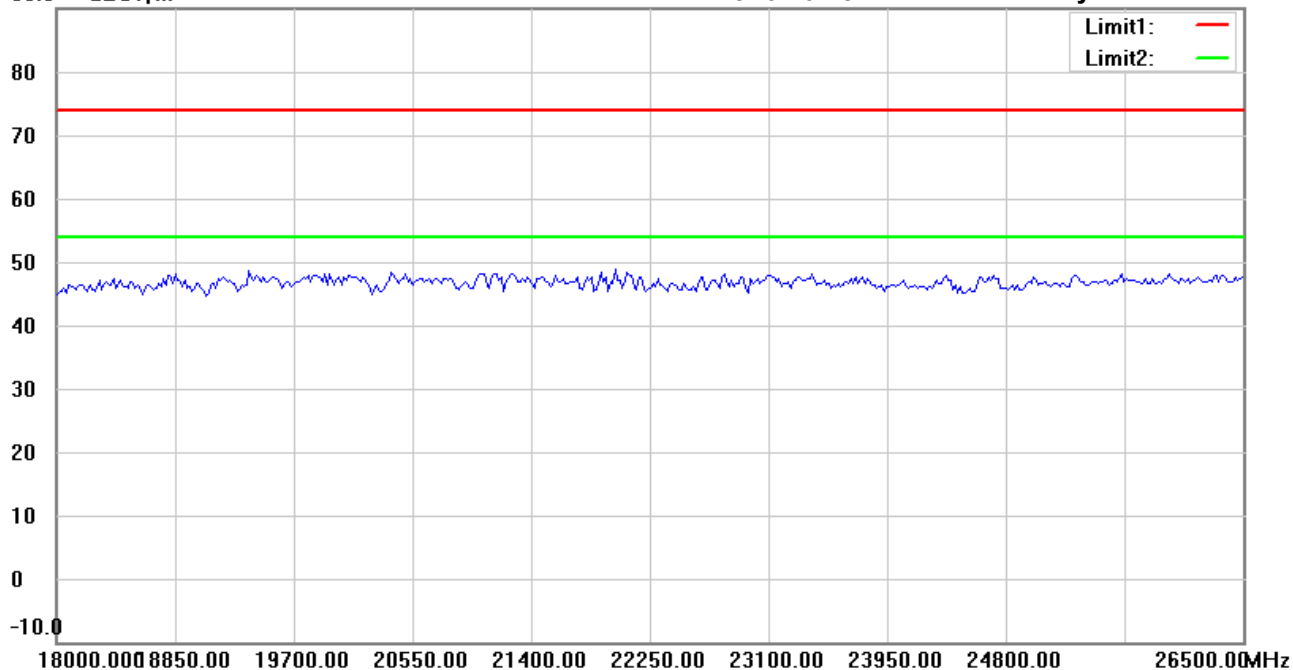
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 6:10:28 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 1_BLE_TX

Data : #1

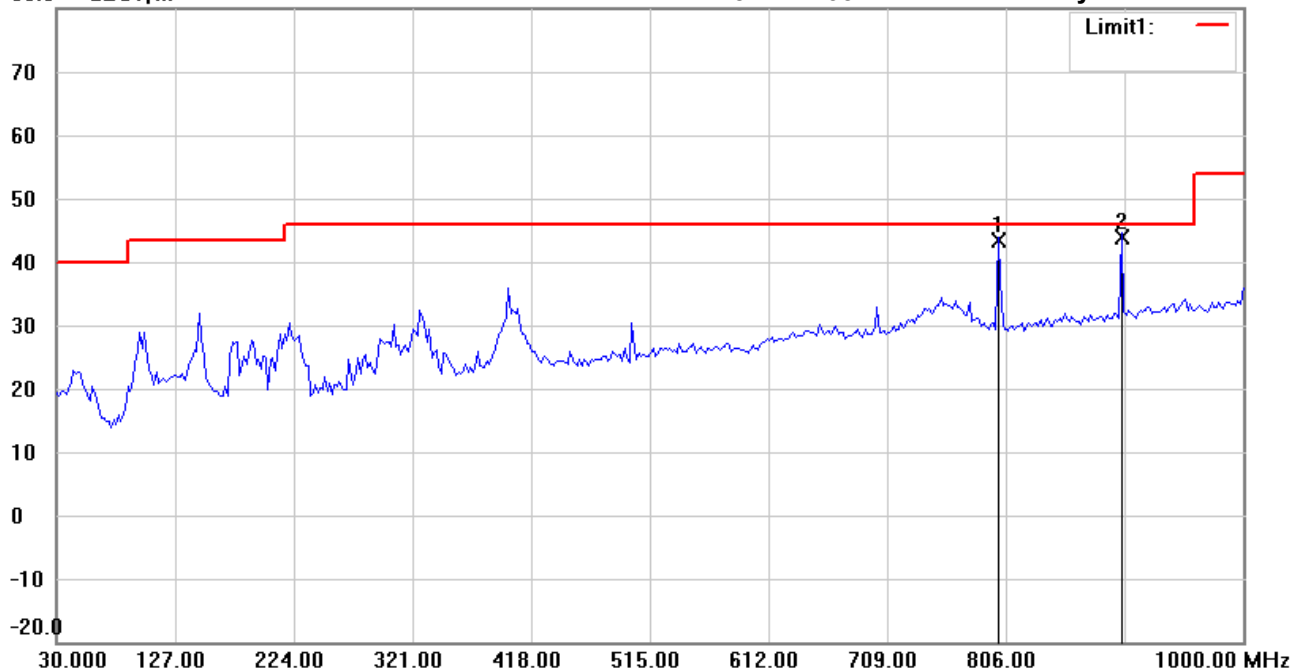
Date: 12/11/2021

Temperature: 23.5 °C

80.0 dBuV/m

Time: 7:12:38 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M22108-21141

Power : PoE

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
	799.7796	41.26	QP	2.08	43.34	46.00	100	33	-2.66	
*	900.8617	39.30	QP	4.55	43.85	46.00	140	215	-2.15	



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Radiated Emission Measurement

Operator: Allen

File : 1_BLE_TX

Data : #2

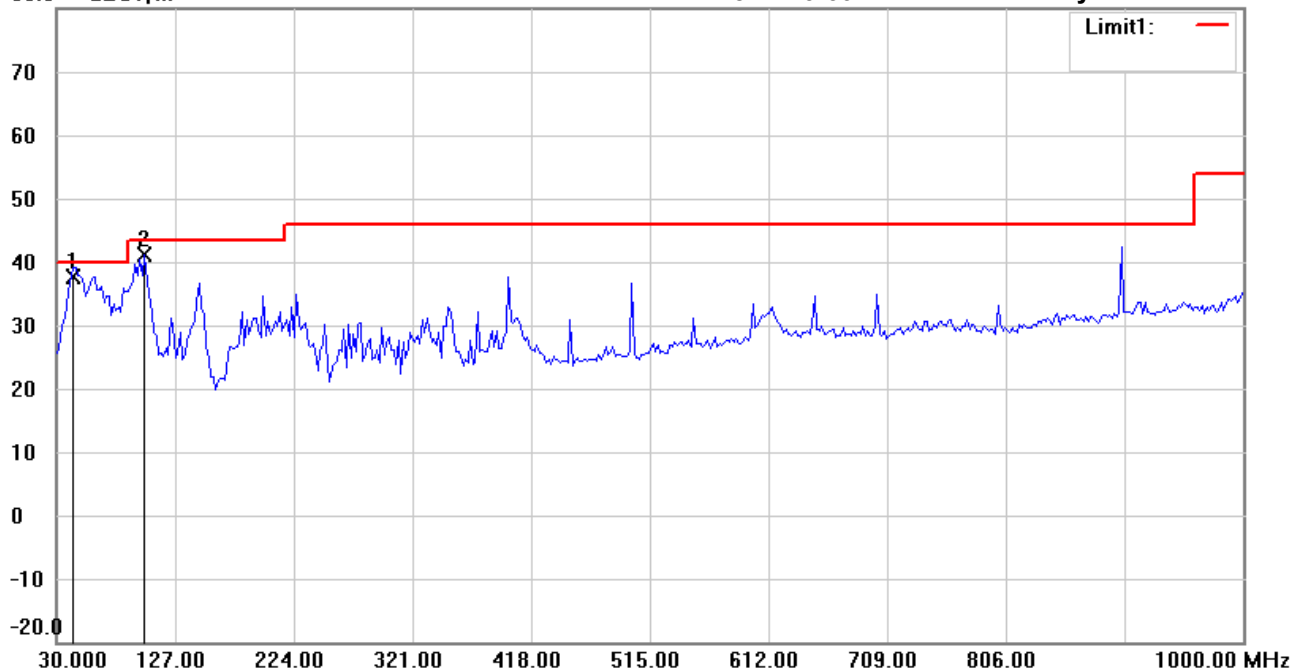
Date: 12/11/2021

Temperature: 23.5 °C

80.0 dBuV/m

Time: 7:13:39 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	43.6072	46.86	QP	-9.13	37.73	40.00	100	55	-2.27	
	101.9238	50.00	QP	-8.92	41.08	43.50	120	320	-2.42	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #1

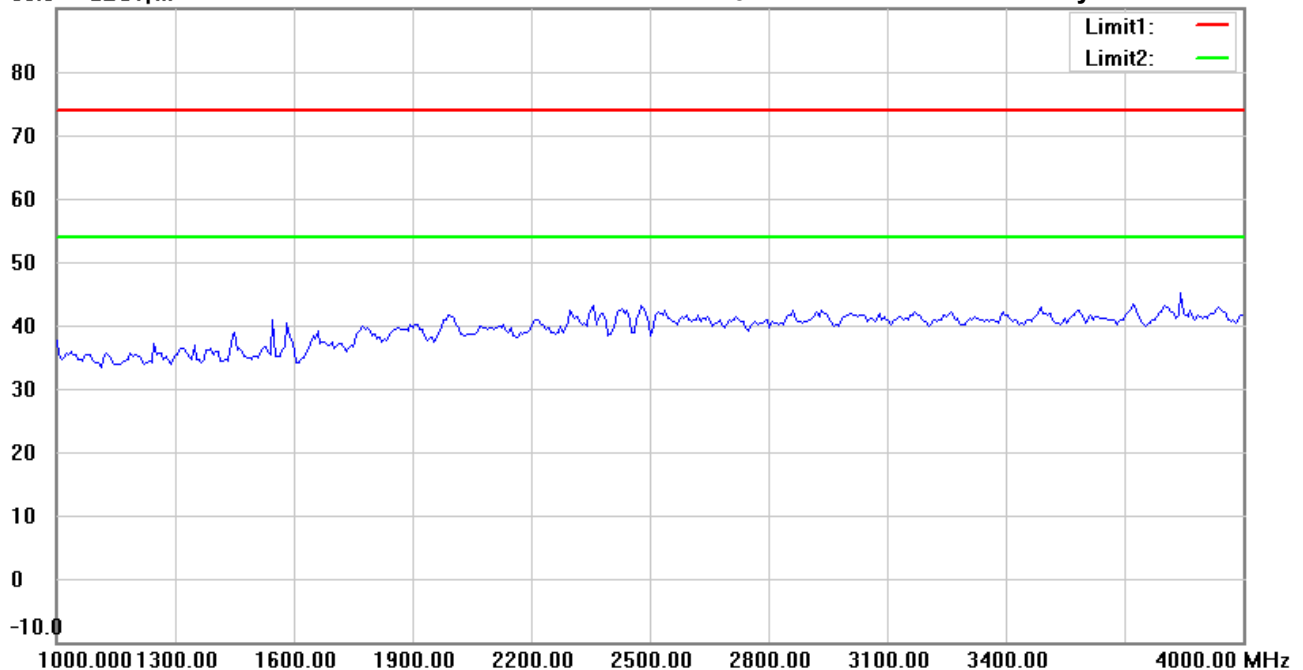
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:24:44 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

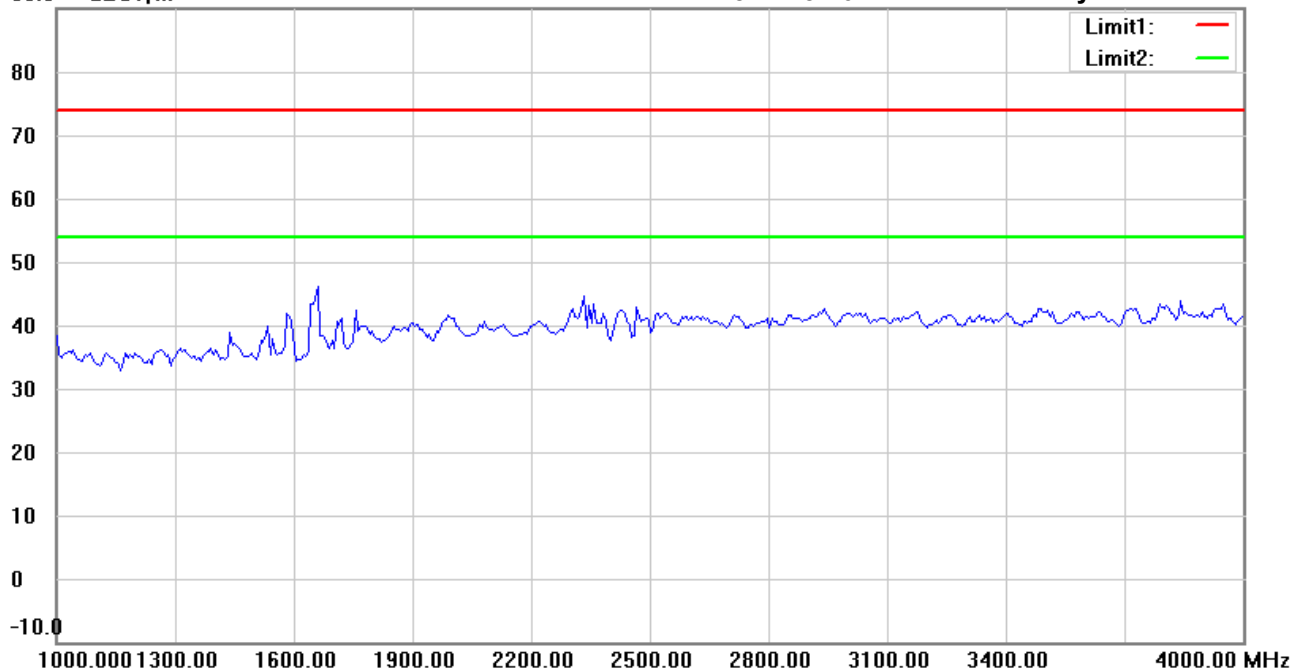
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:28:16 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#2

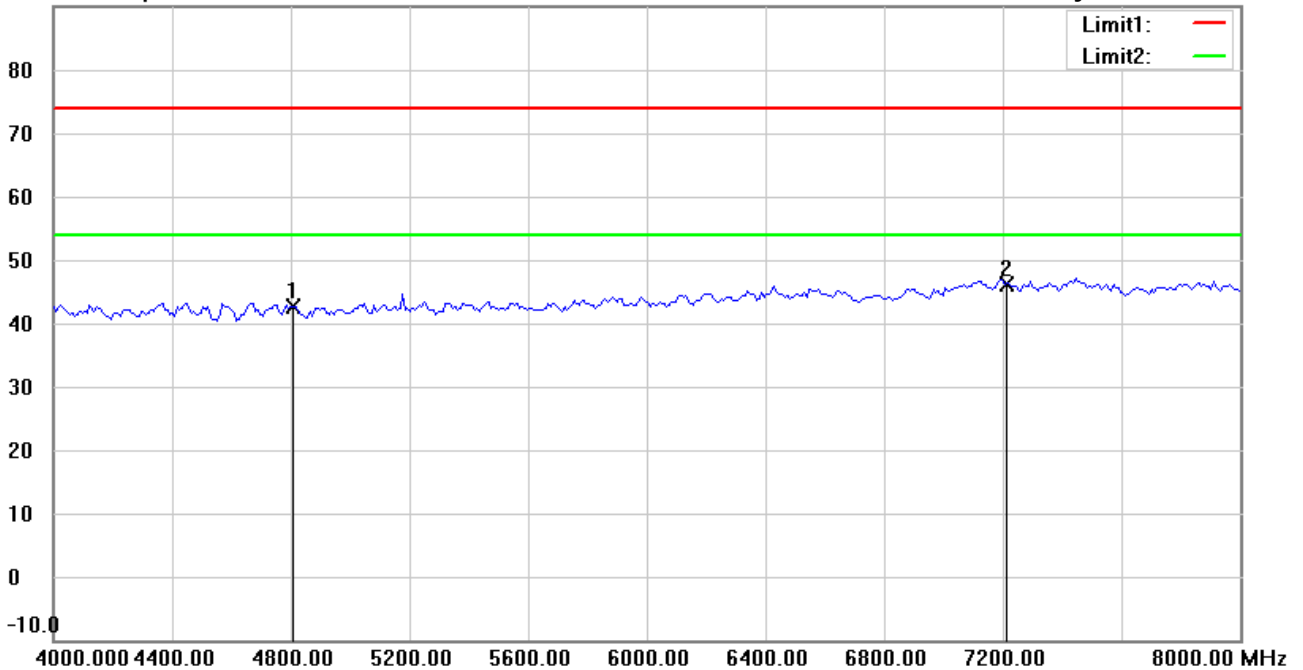
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:25:44 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.180	41.19	peak	1.36	42.55	74.00	150	314	-31.45	
*	7206.426	40.17	peak	6.03	46.20	74.00	150	192	-27.80	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #7

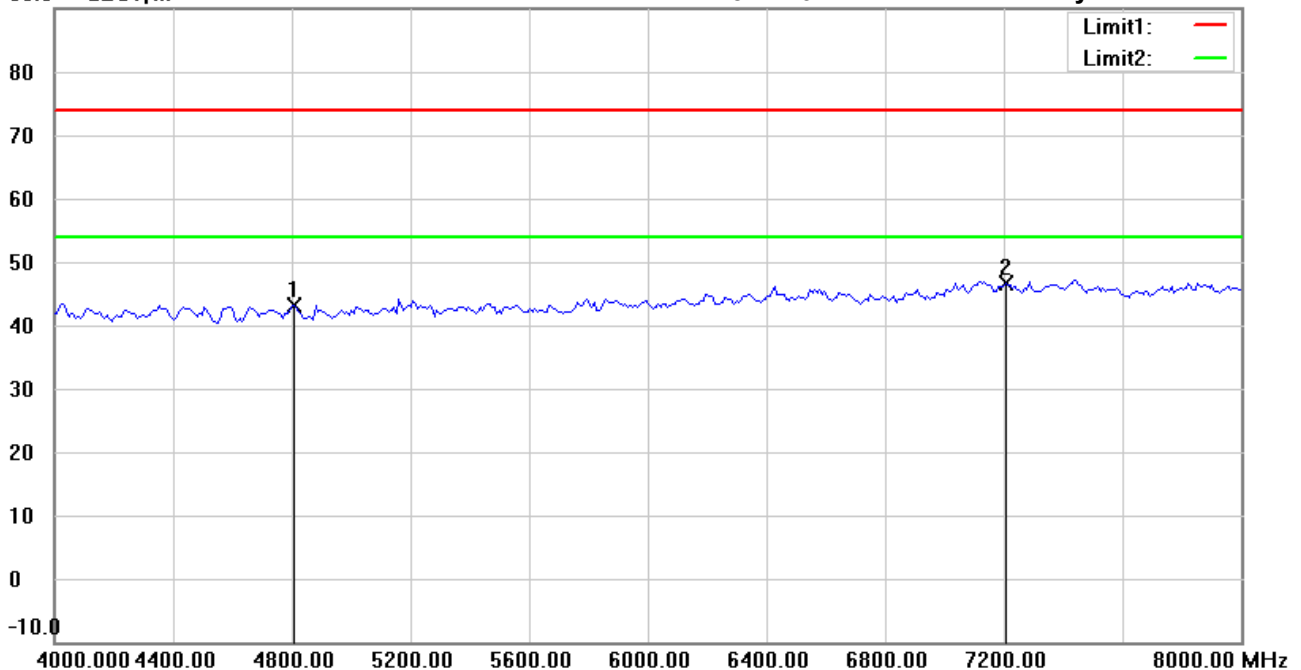
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:29:17 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4804.596	41.75	peak	1.36	43.11	74.00	150	38	-30.89	
*	7206.227	40.61	peak	6.03	46.64	74.00	150	160	-27.36	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#3

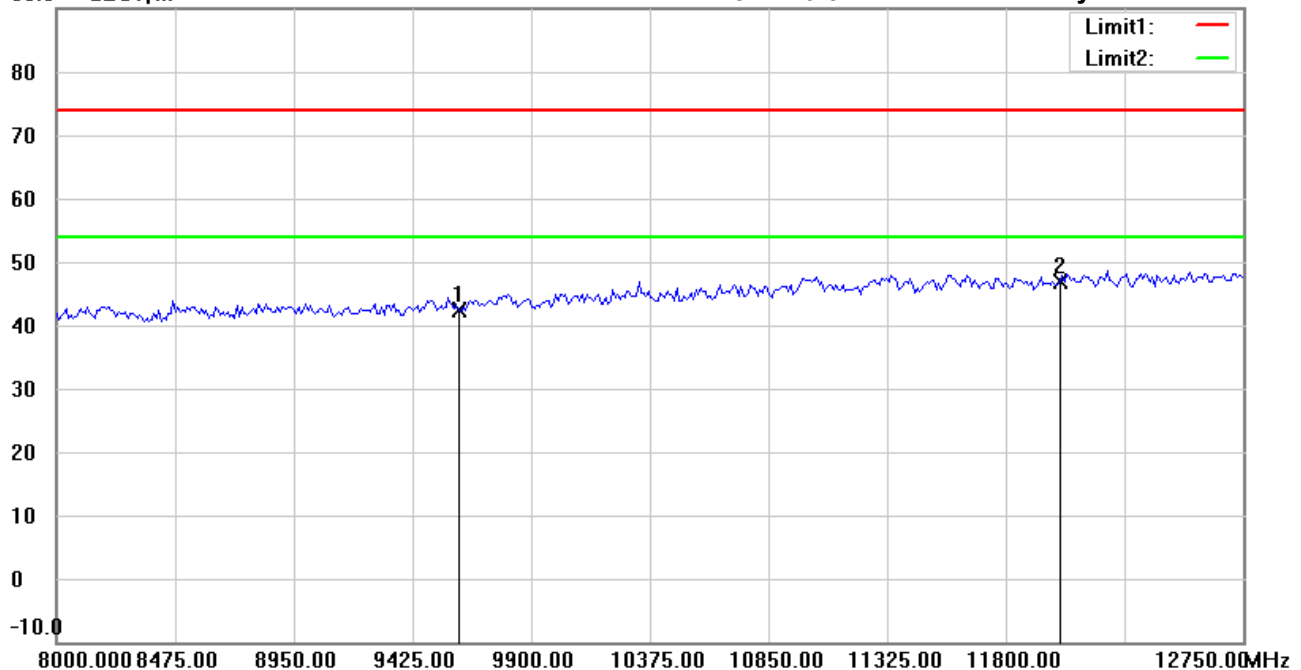
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:26:51 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.450	33.66	peak	8.71	42.37	74.00	150	157	-31.63	
*	12010.338	33.31	peak	13.53	46.84	74.00	150	286	-27.16	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

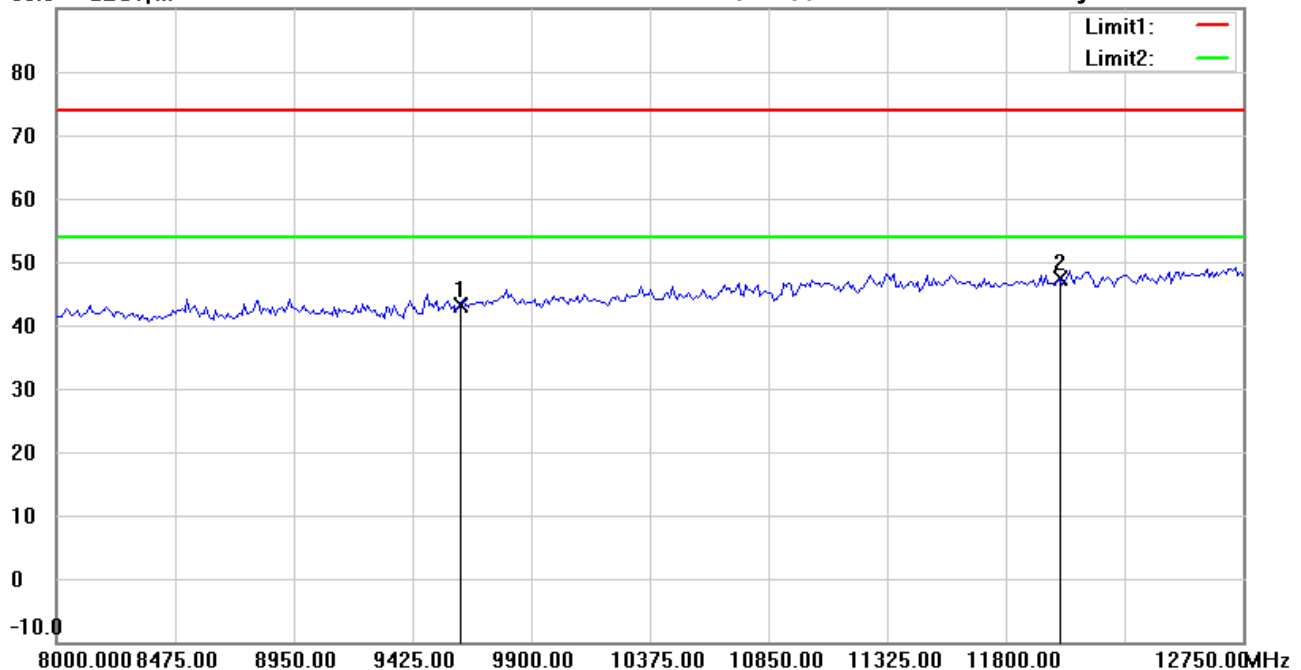
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:30:17 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9608.752	34.52	peak	8.71	43.23	74.00	150	176	-30.77	
*	12010.143	33.90	peak	13.53	47.43	74.00	150	224	-26.57	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #4

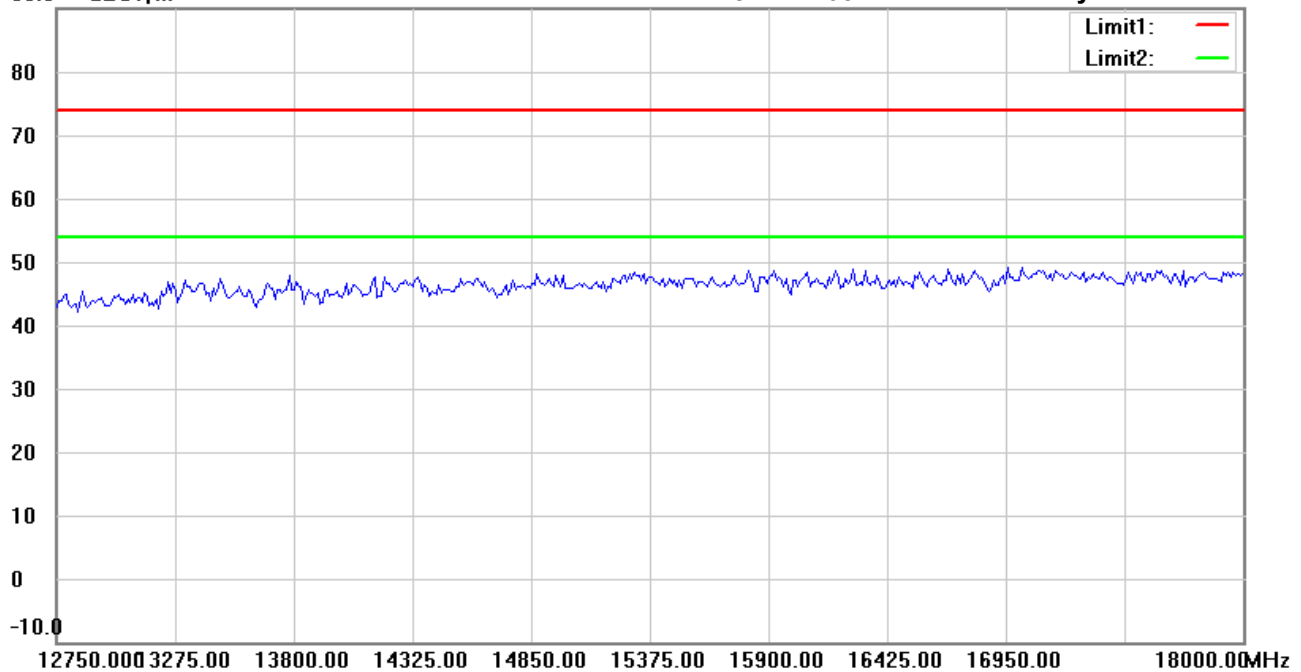
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:27:05 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

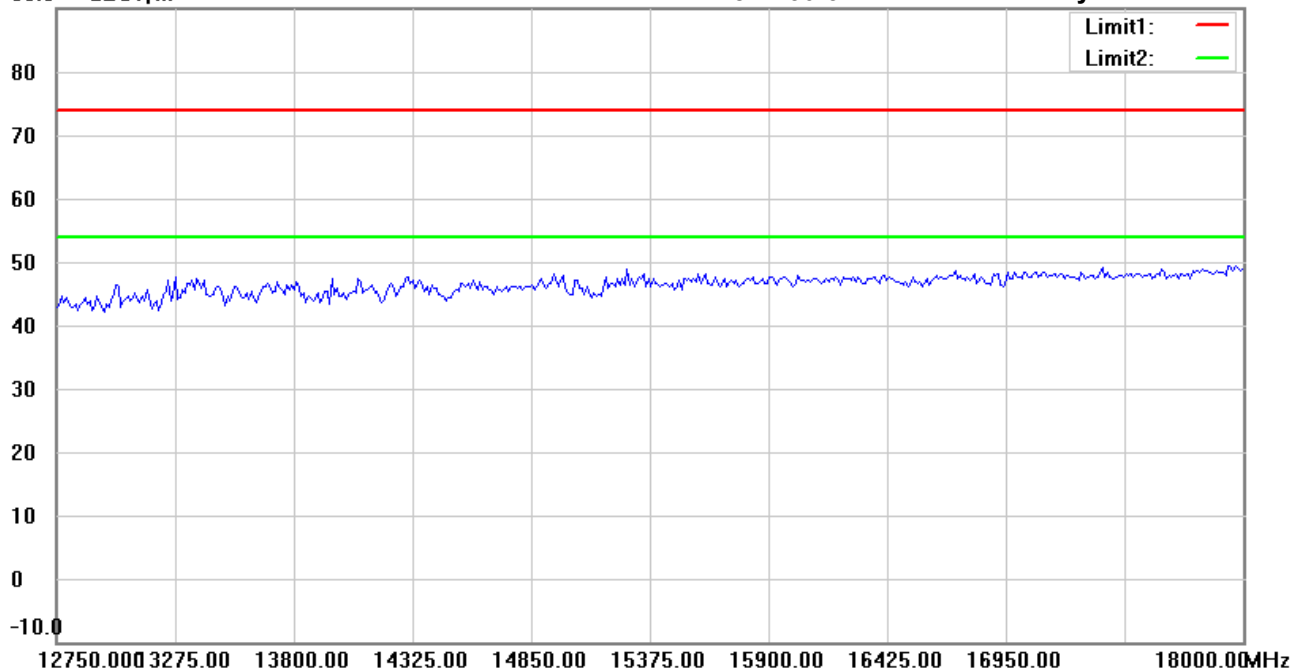
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:30:31 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M22108-21141

Power : PoE

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #5

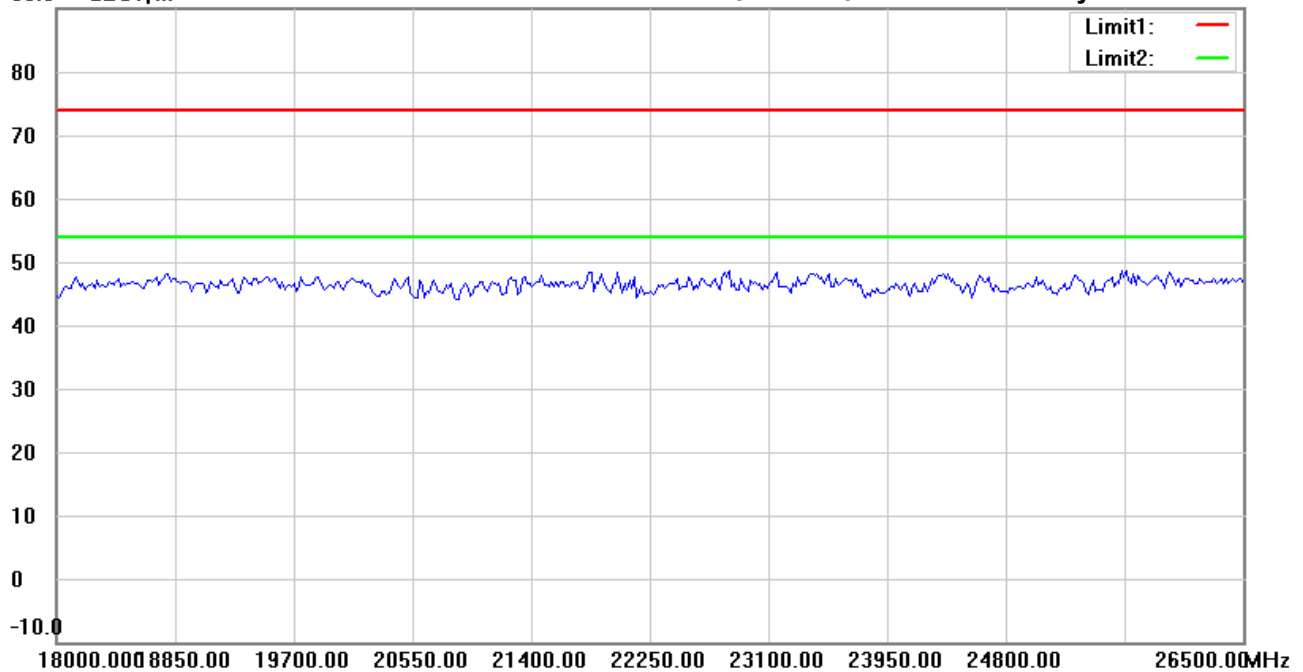
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:27:15 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

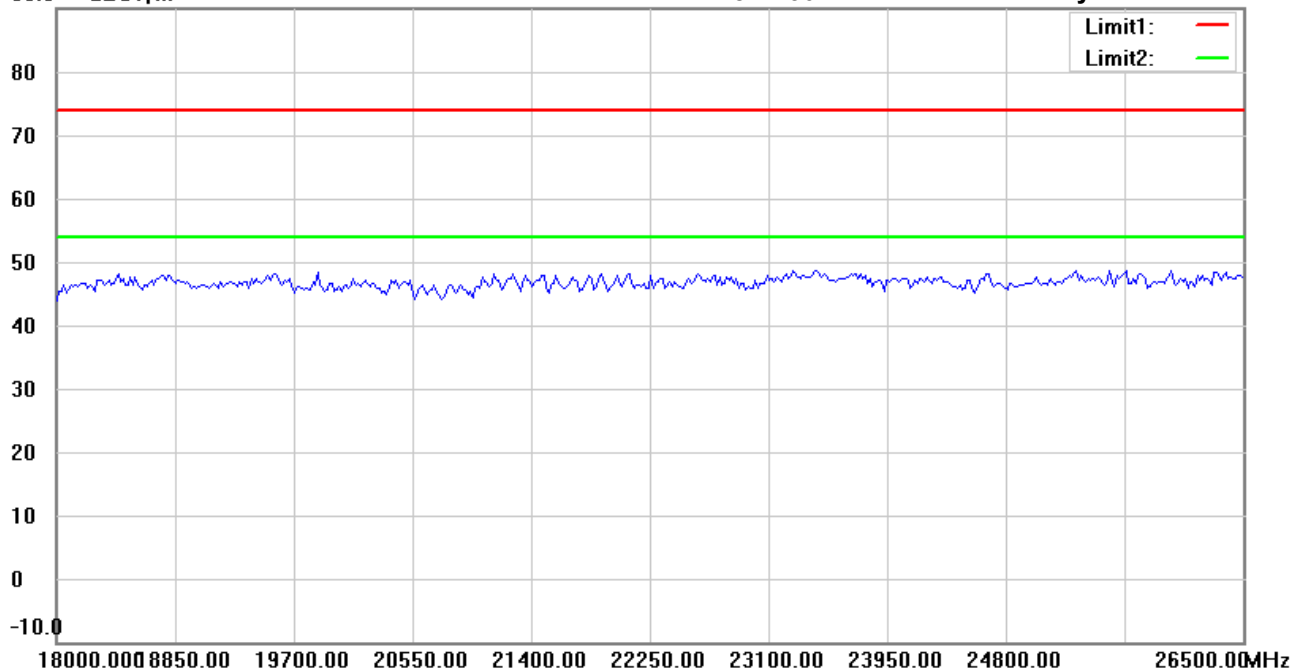
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:30:41 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2402MHz

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

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



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

Operator: Allen

File : 3

Data : #1

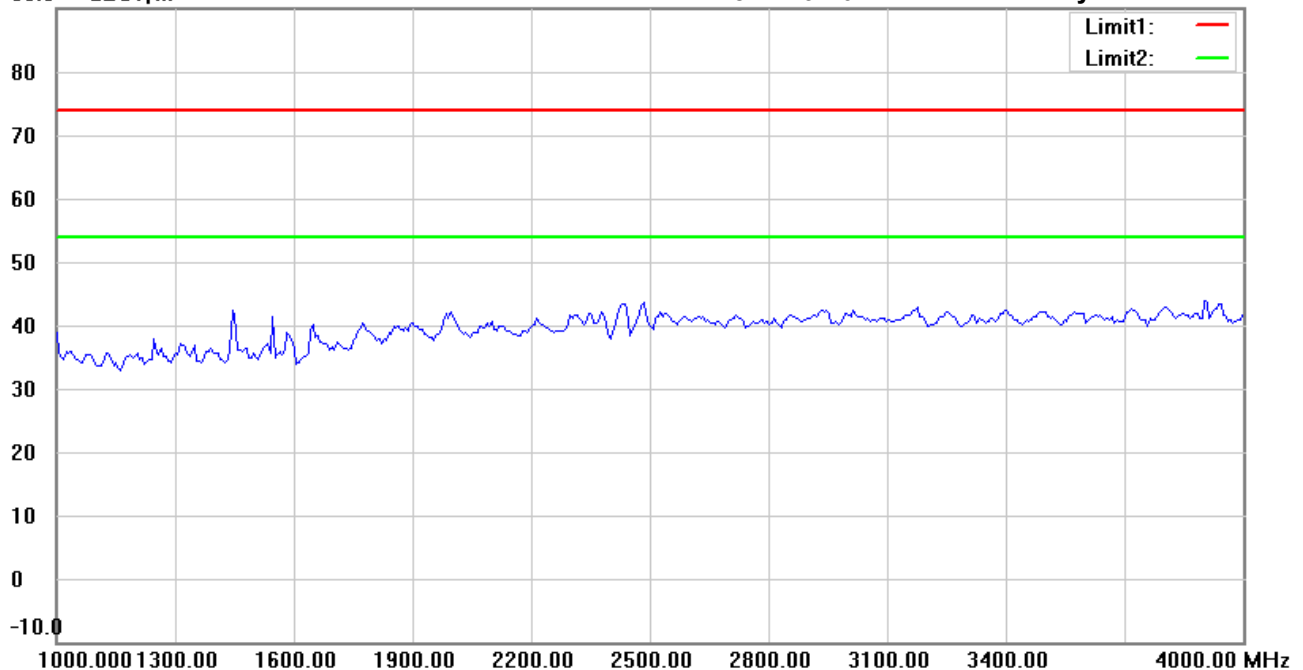
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:49:40 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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 : 3

Data : #6

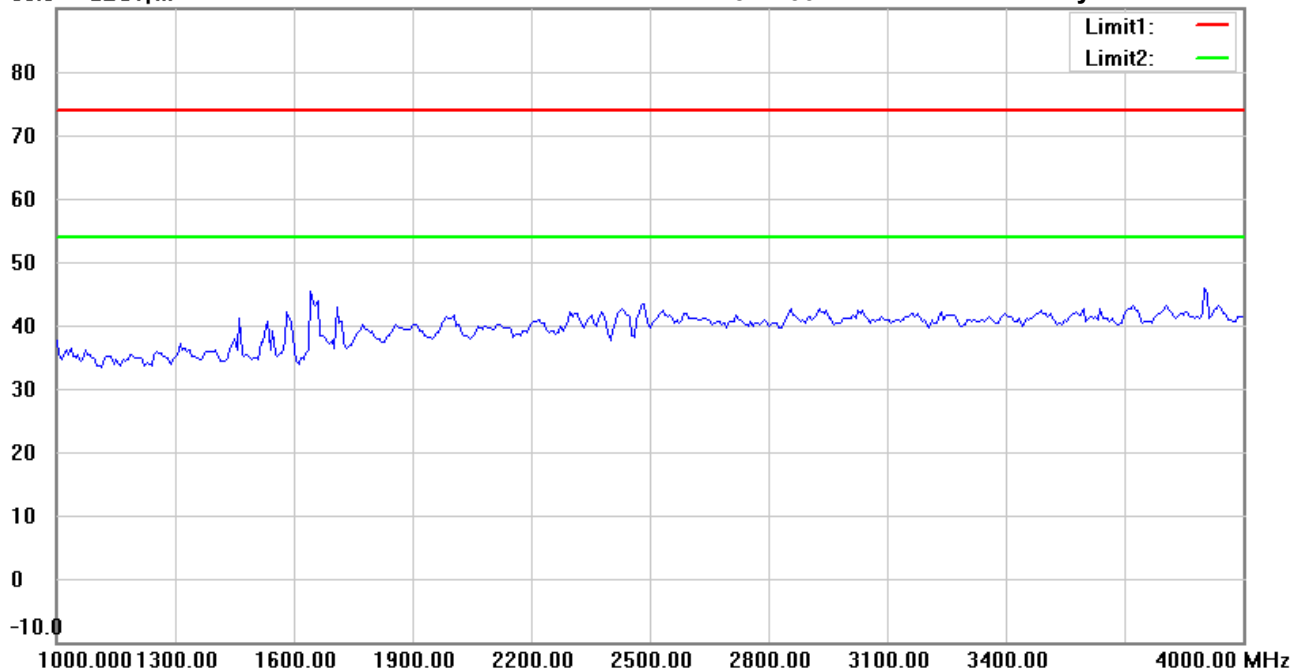
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:53:12 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #2

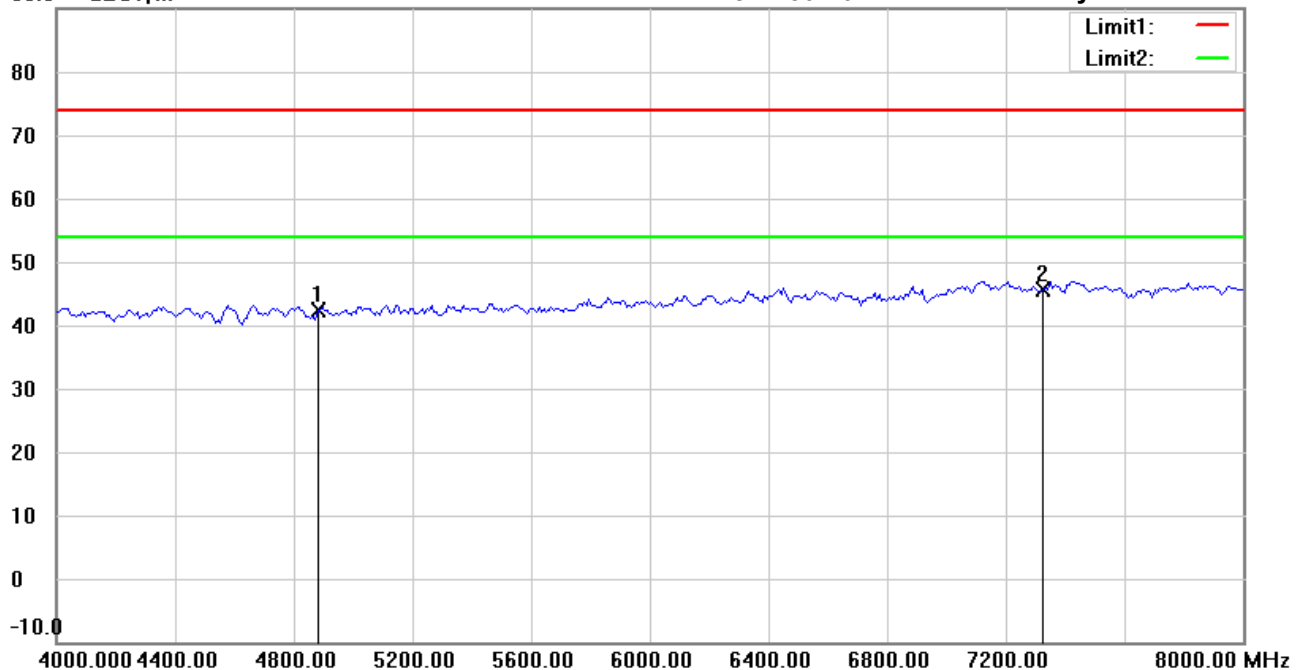
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:50:40 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4880.284	40.67	peak	1.75	42.42	74.00	150	138	-31.58	
*	7320.750	39.75	peak	5.85	45.60	74.00	150	315	-28.40	

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



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Radiated Emission Measurement

Operator: Allen

File : 3

Data : #7

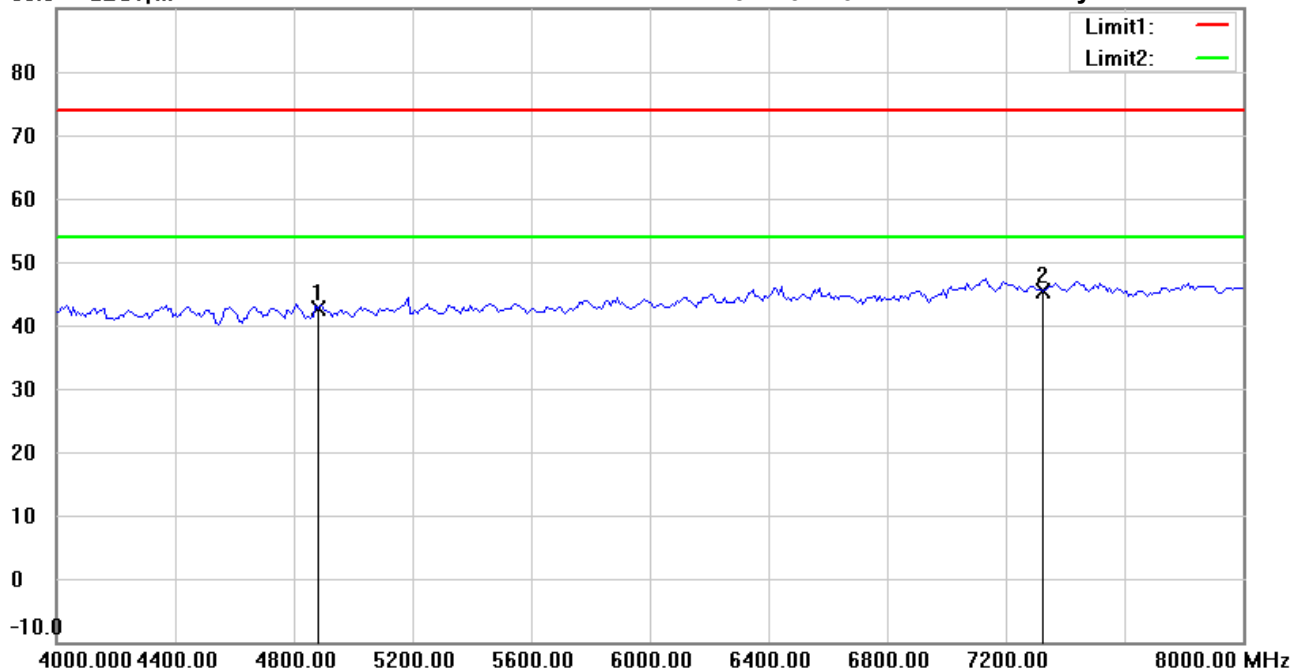
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:54:13 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4880.128	40.98	peak	1.75	42.73	74.00	150	60	-31.27	
*	7320.537	39.60	peak	5.85	45.45	74.00	150	227	-28.55	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#3

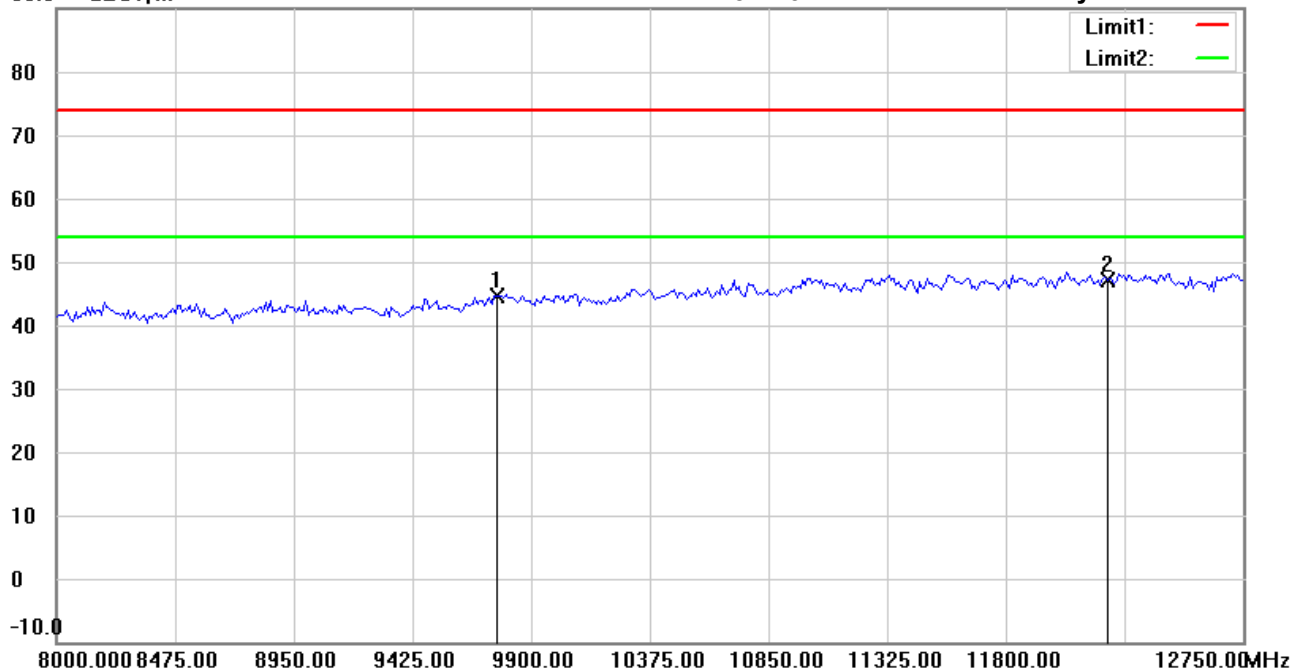
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:51:47 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9760.854	34.90	peak	9.64	44.54	74.00	150	275	-29.46	
*	12200.110	32.43	peak	14.79	47.22	74.00	150	129	-26.78	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#8

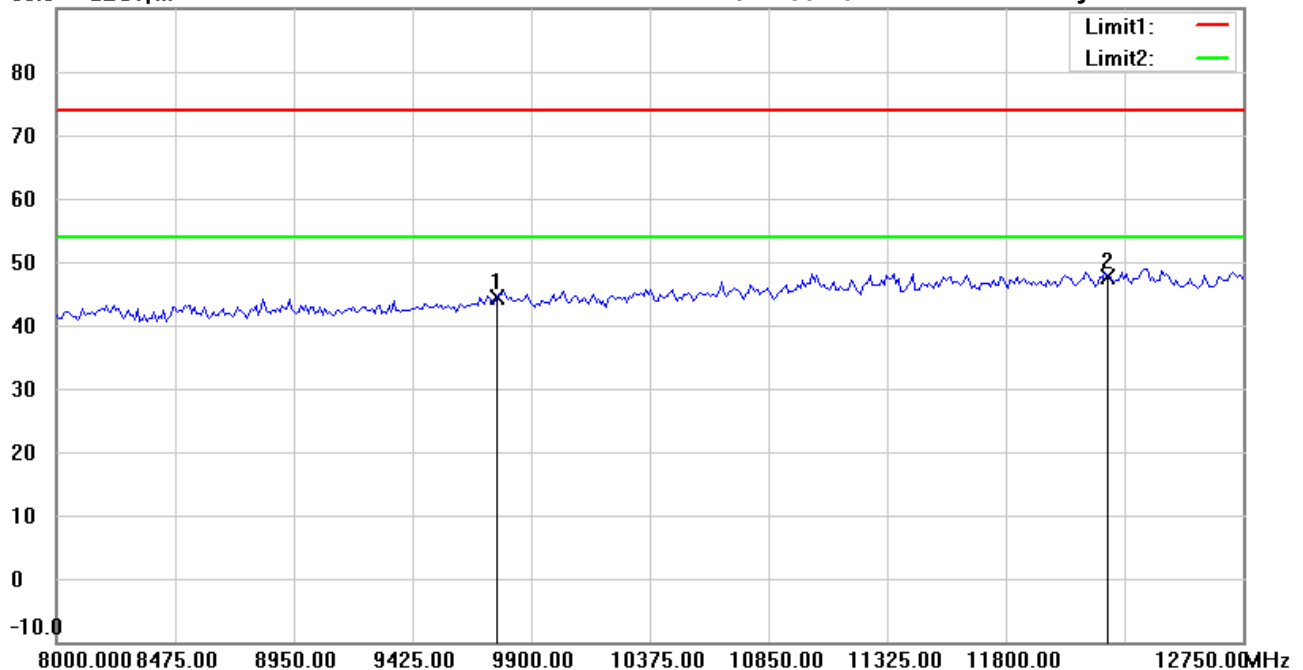
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:55:13 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M22108-21141

Power : PoE

M/N:

Distance: 3m

Test Mode : TX 2440MHz

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
	9760.538	34.85	peak	9.64	44.49	74.00	150	200	-29.51	
*	12200.740	32.79	peak	14.79	47.58	74.00	150	114	-26.42	

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



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Radiated Emission Measurement

Operator: Allen

File :3

Data :#4

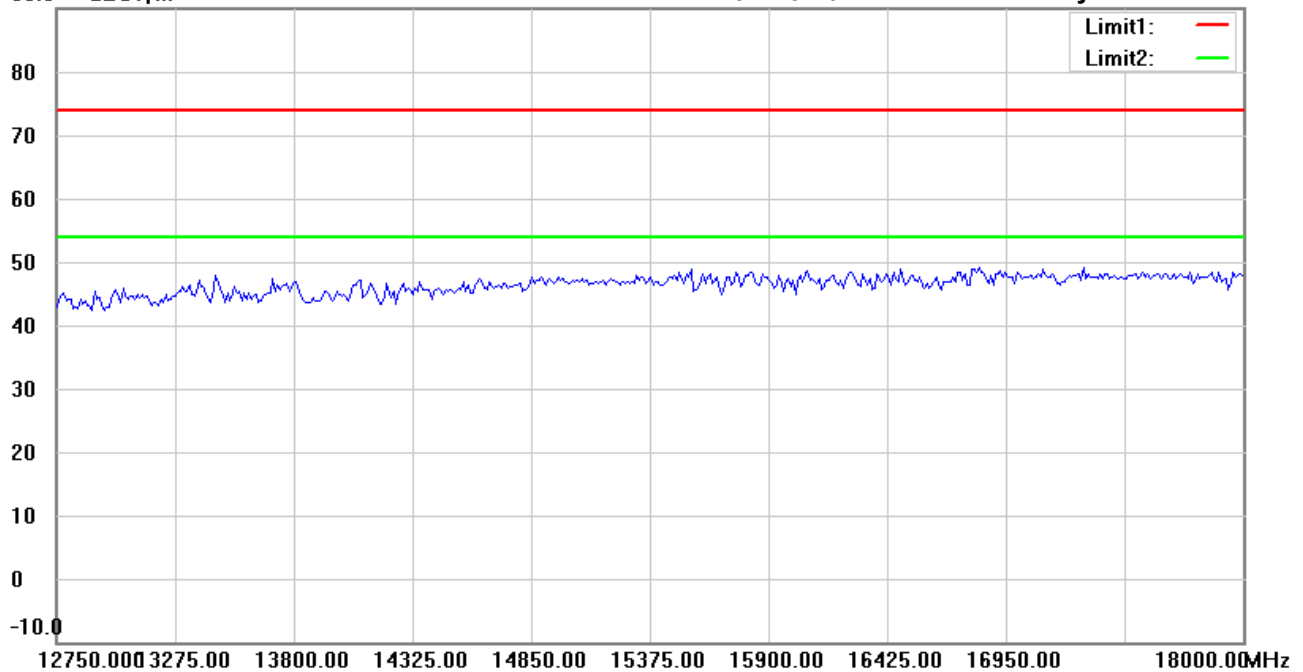
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:52:02 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

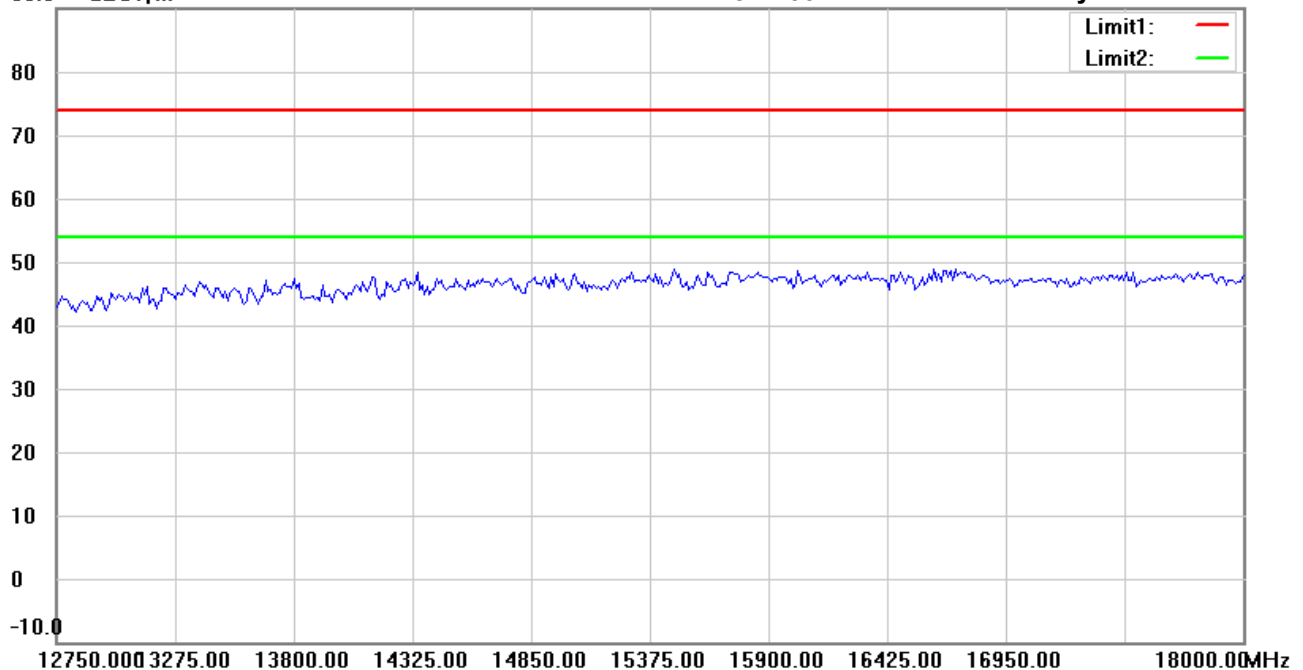
Date: 12/10/2021

Temperature: 23.5 °C

Time: 4:55:27 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

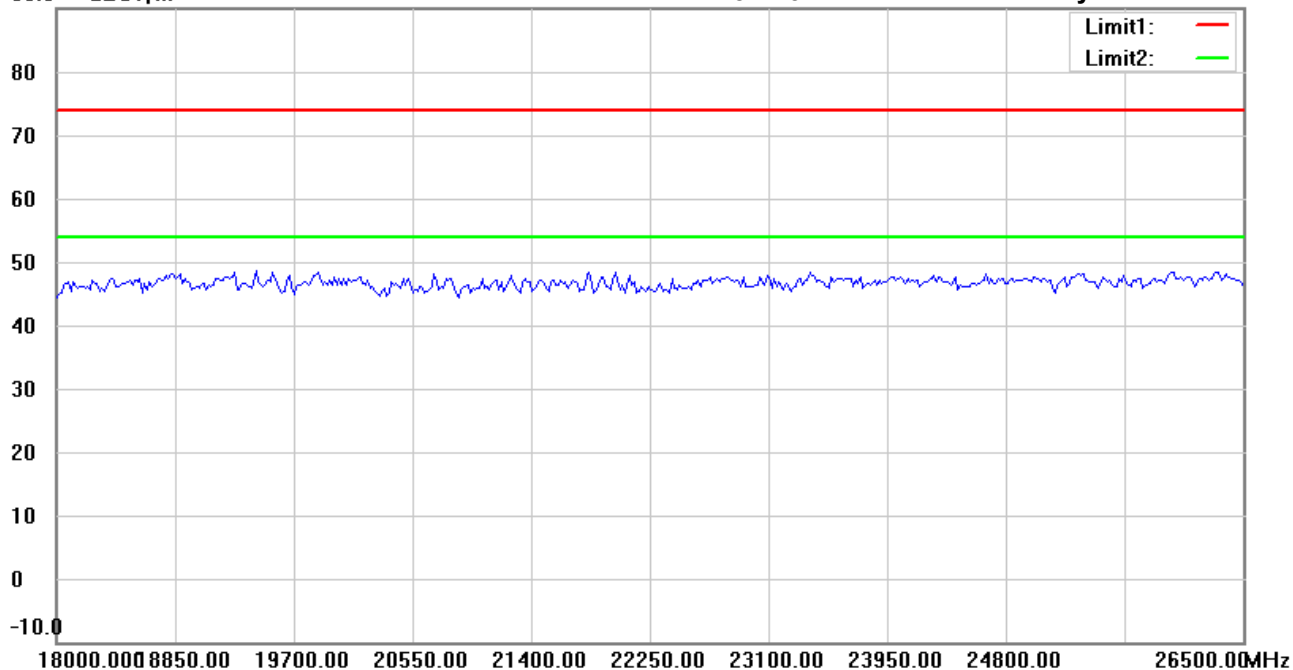
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:52:12 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#10

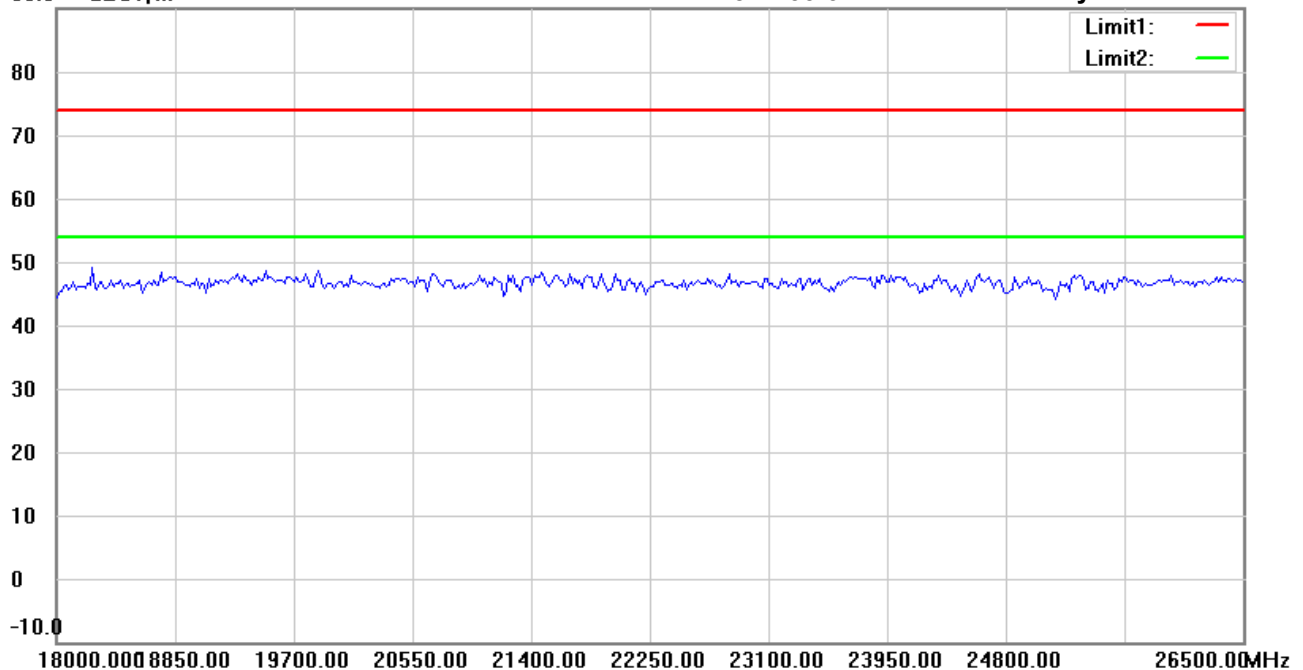
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 4:55:37 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2440MHz

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #1

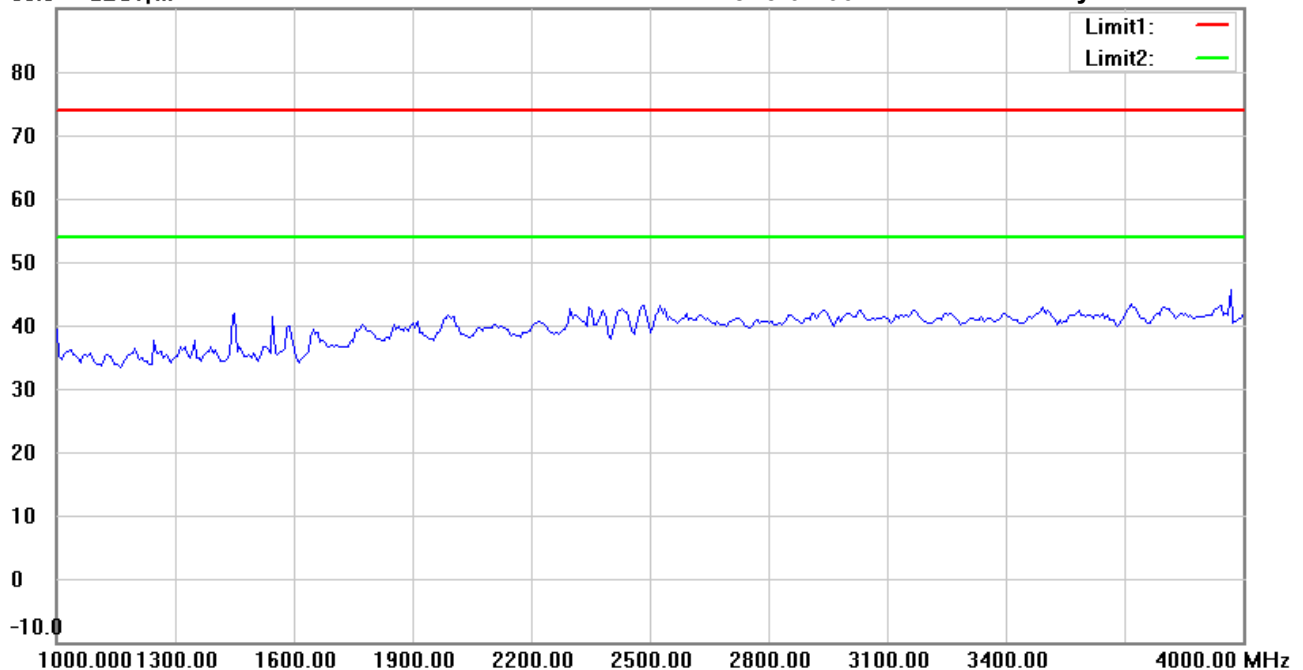
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:07:06 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #6

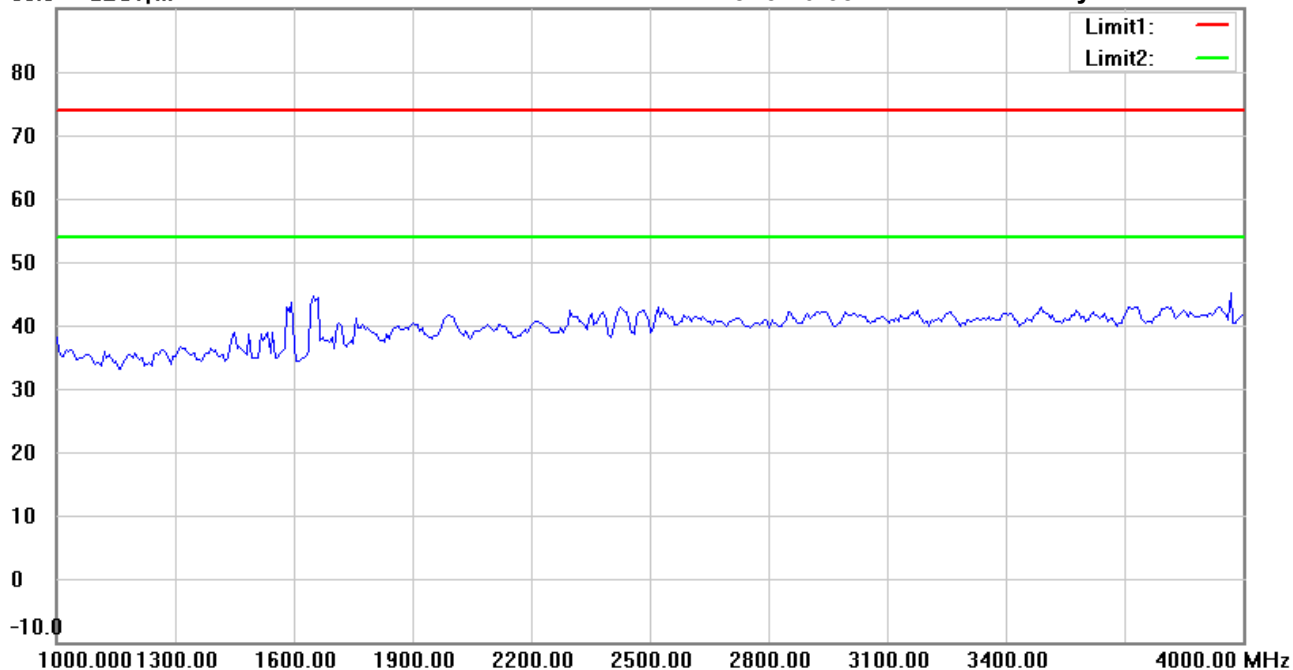
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:10:38 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #2

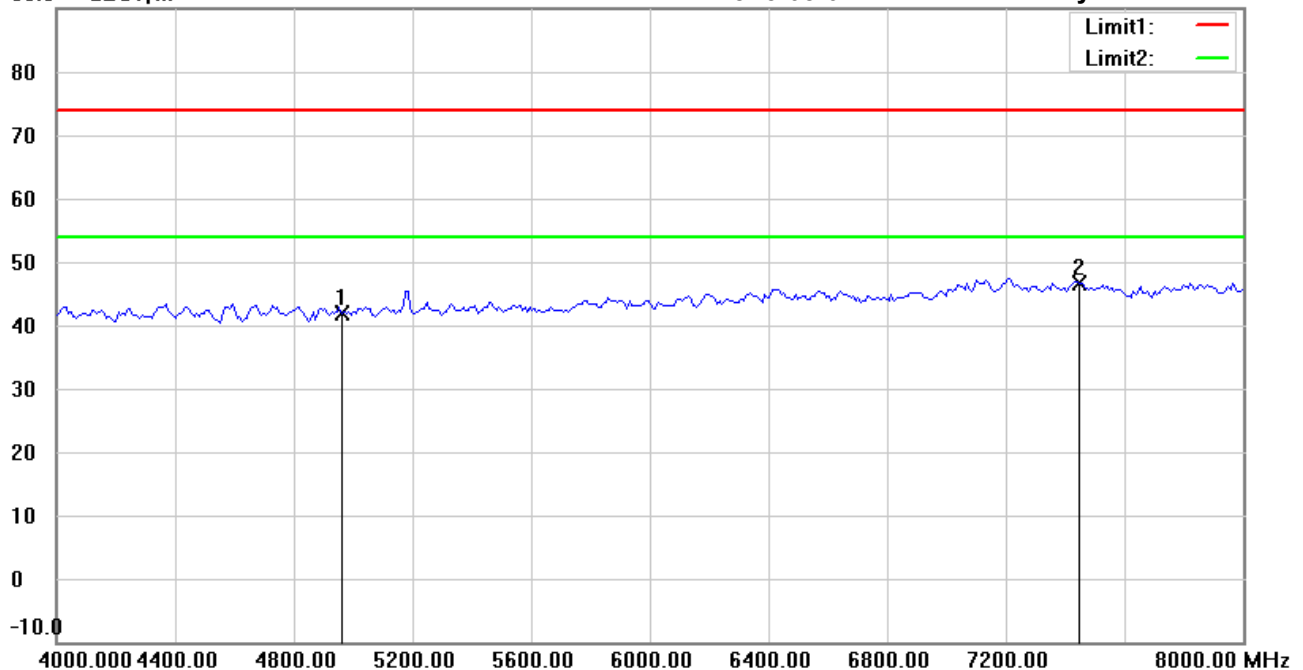
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:08:07 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.341	39.93	peak	1.91	41.84	74.00	150	332	-32.16	
*	7440.962	40.25	peak	6.27	46.52	74.00	150	154	-27.48	

*: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: Allen

File : 3

Data : #7

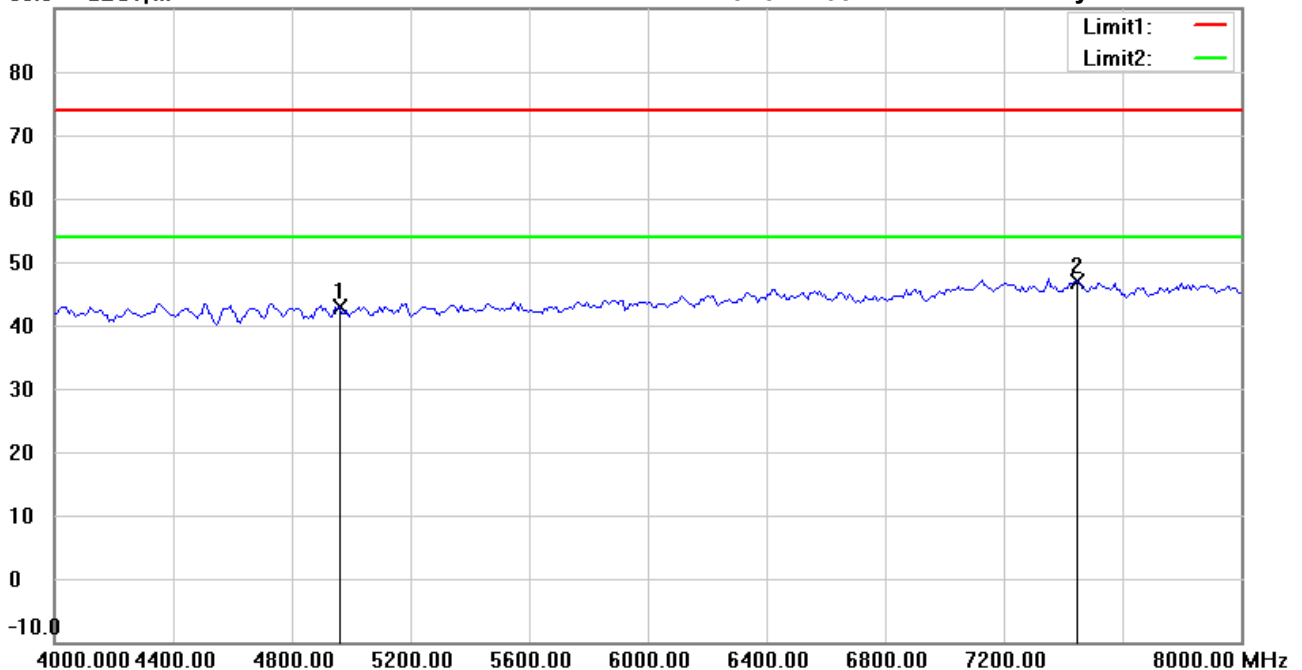
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:11:38 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4960.538	40.91	peak	1.91	42.82	74.00	150	115	-31.18	
*	7440.117	40.68	peak	6.27	46.95	74.00	150	300	-27.05	

*: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: Allen

File : 3

Data : #3

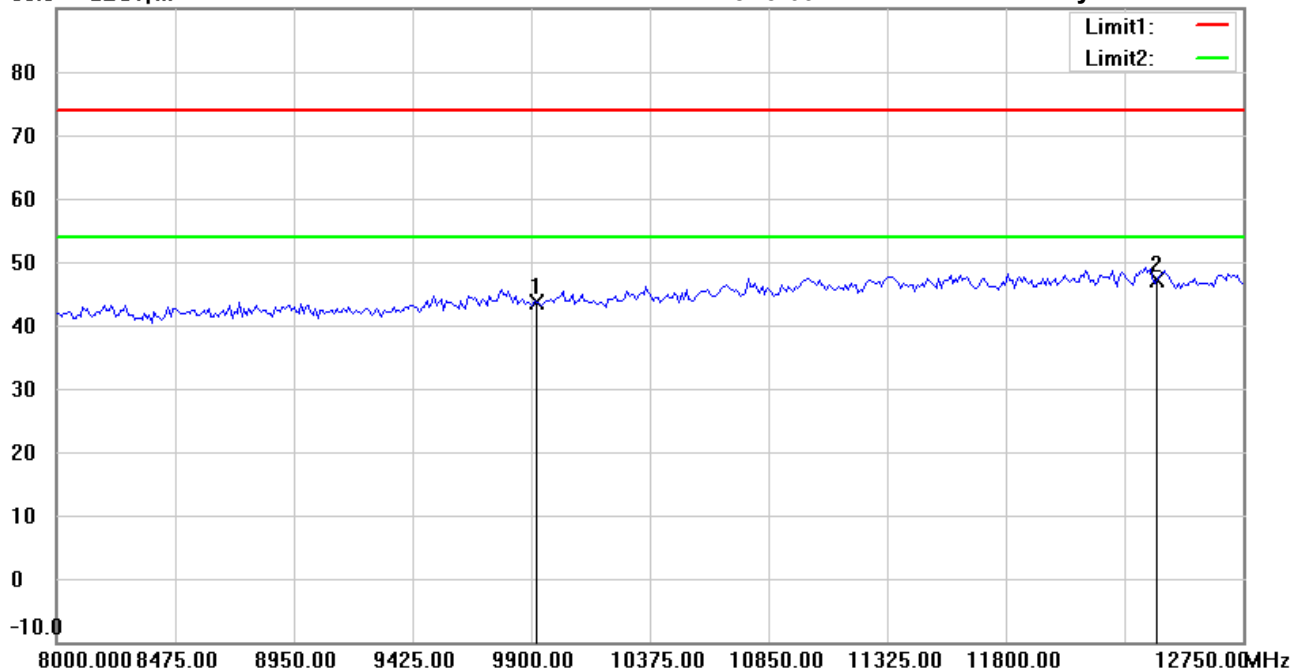
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:09:14 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: **Horizontal**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.186	34.55	peak	9.11	43.66	74.00	150	279	-30.34	
*	12400.445	32.18	peak	14.87	47.05	74.00	150	54	-26.95	

*: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: Allen

File :3

Data :#8

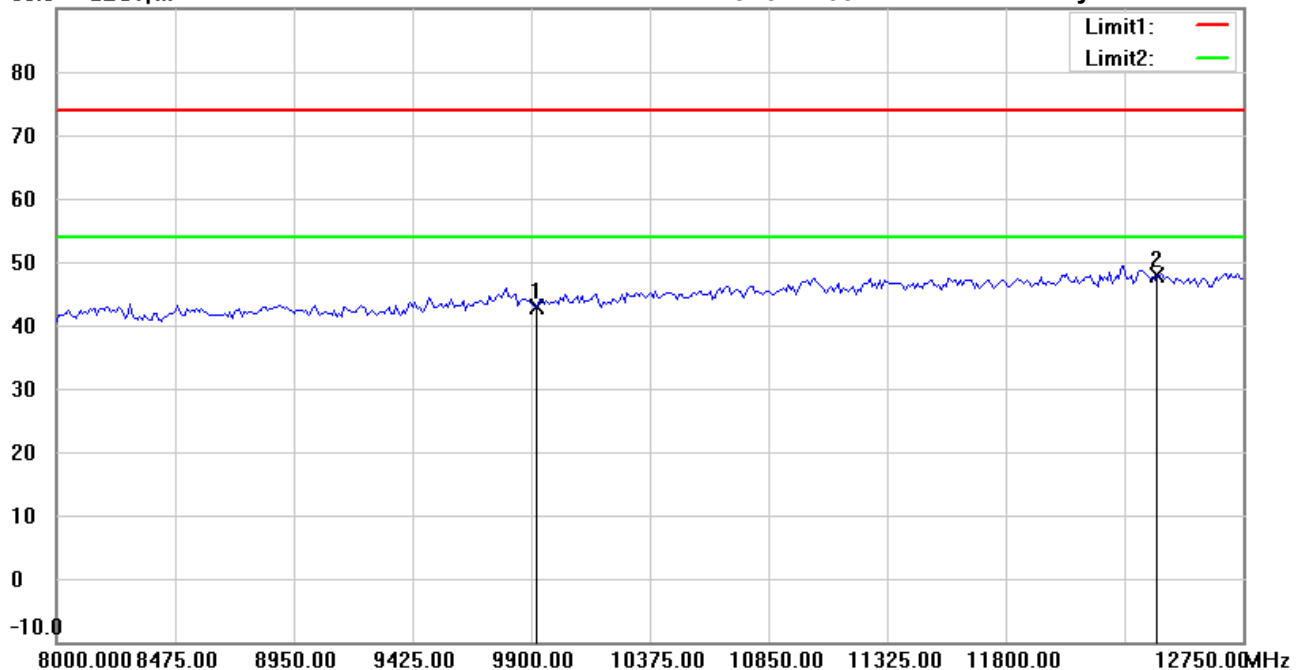
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:12:38 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9920.524	33.84	peak	9.11	42.95	74.00	150	237	-31.05	
*	12400.296	32.98	peak	14.87	47.85	74.00	150	118	-26.15	

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



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

Operator: Allen

File : 3

Data : #4

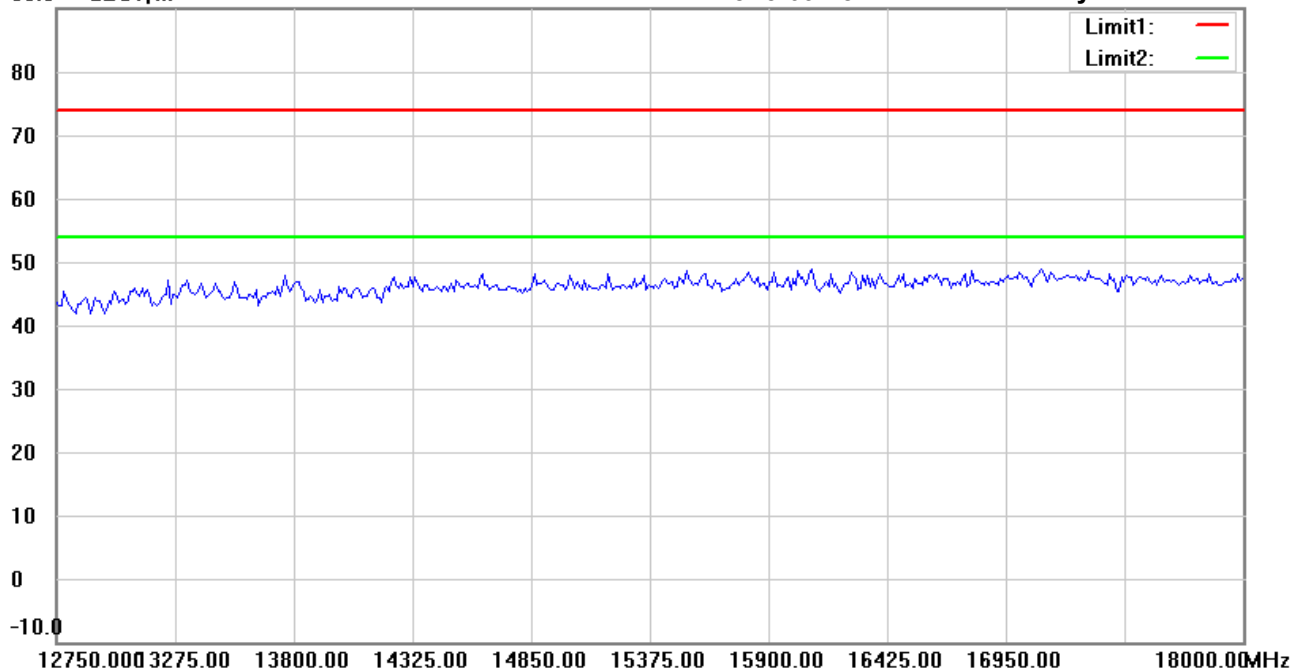
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:09:28 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Horizontal

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #9

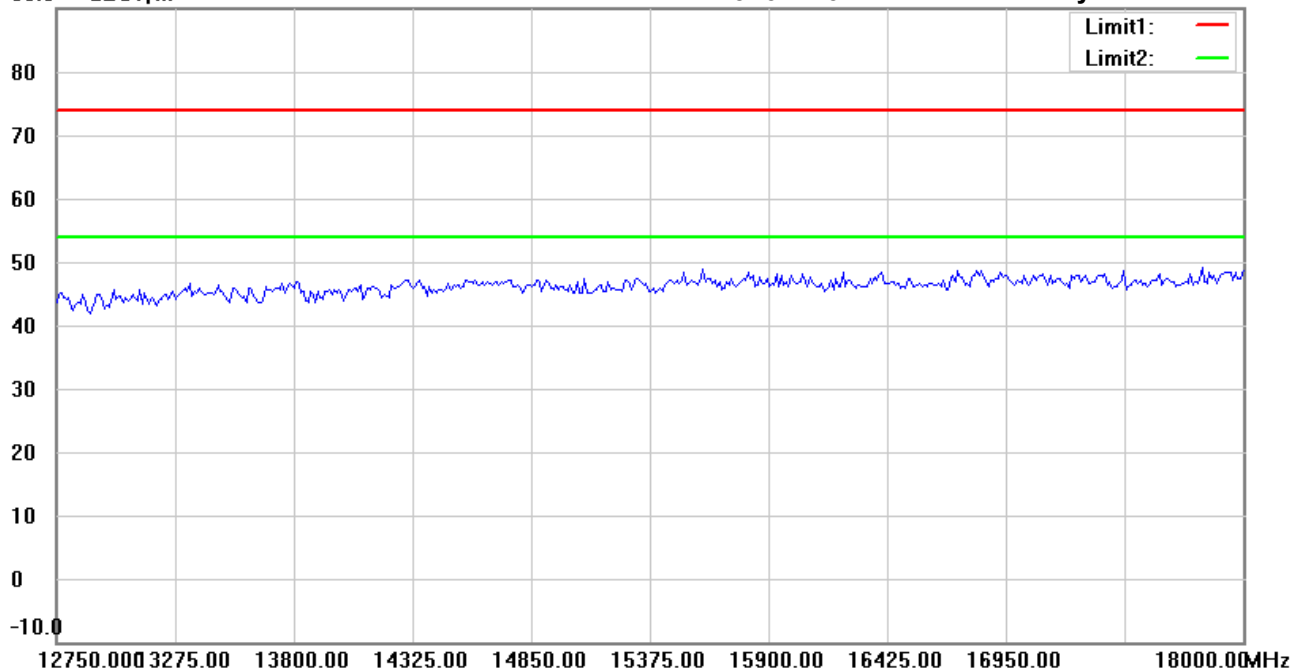
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:12:52 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :3

Data :#5

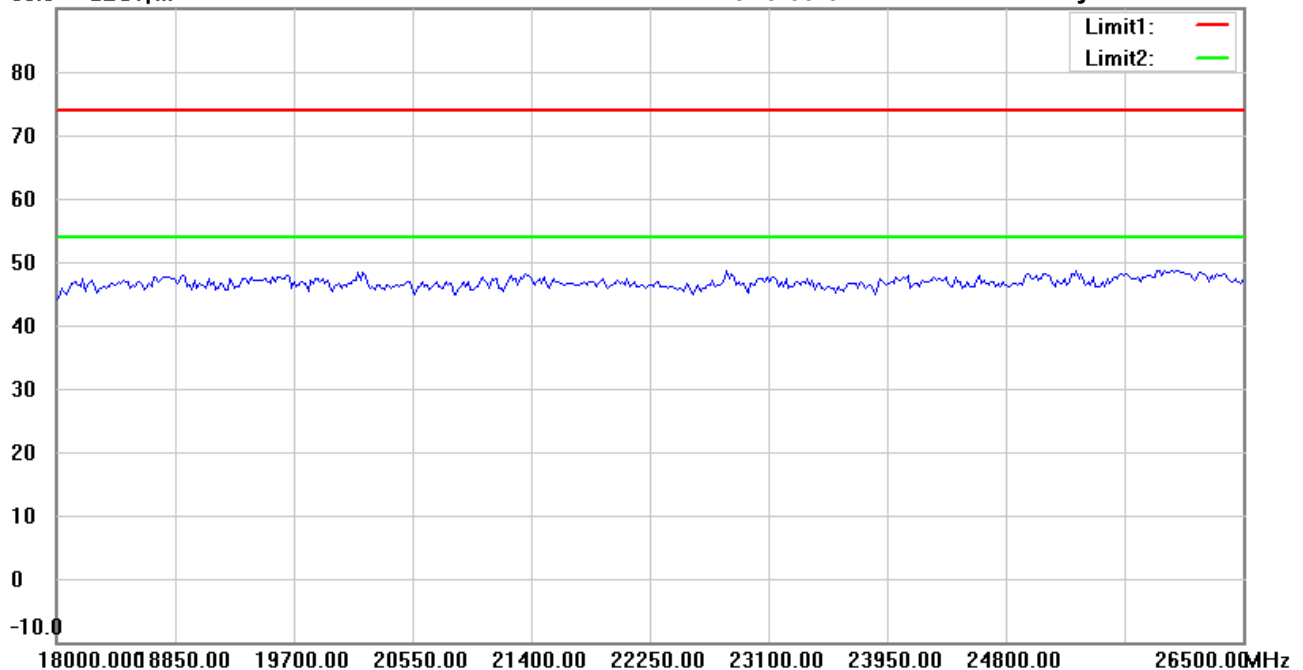
Date: 12/10/2021

Temperature: 23.5 °C

Time: 5:09:37 AM

Humidity: 57.1 %

90.0 dBuV/m



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	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: Allen

File : 3

Data : #10

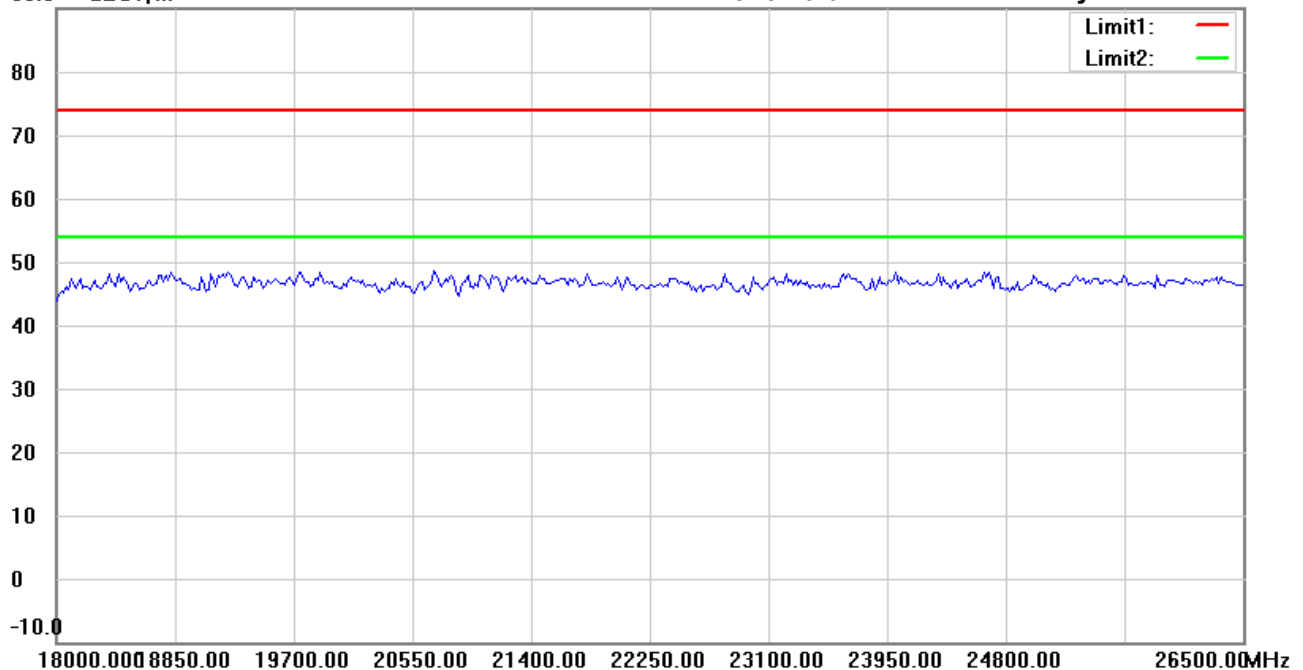
Date: 12/10/2021

Temperature: 23.5 °C

90.0 dBuV/m

Time: 5:13:02 AM

Humidity: 57.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22108-21141

M/N:

Test Mode : TX 2480MHz

Note :

Polarization: Vertical

Power : PoE

Distance: 3m

Mk.	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: Allen

File :bandedge

Data :#1

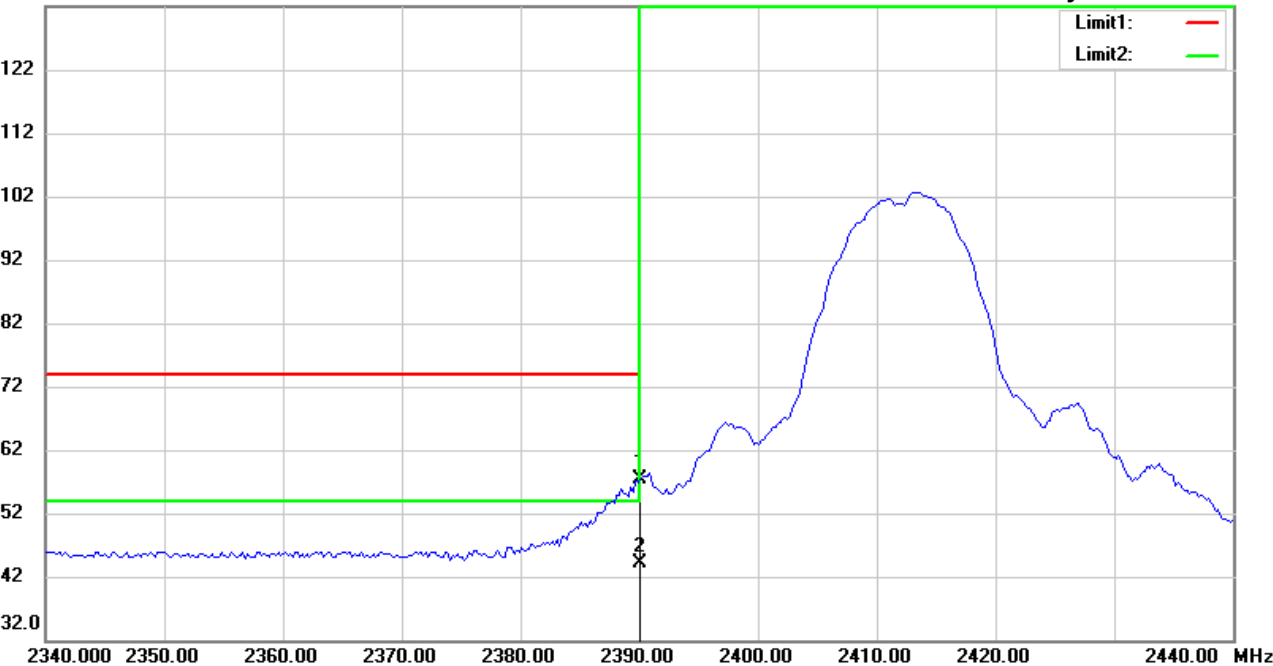
Date: 1/12/2022

Temperature:19.9 °C

132.0 dBuV/m

Time: 12:57:45 AM

Humidity:48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	18.95	peak	38.42	57.37	74.00	150	45	-16.63	
*	2390.000	5.63	AVG	38.42	44.05	54.00	150	45	-9.95	



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

Operator: Allen

File : bandedge

Data : #2

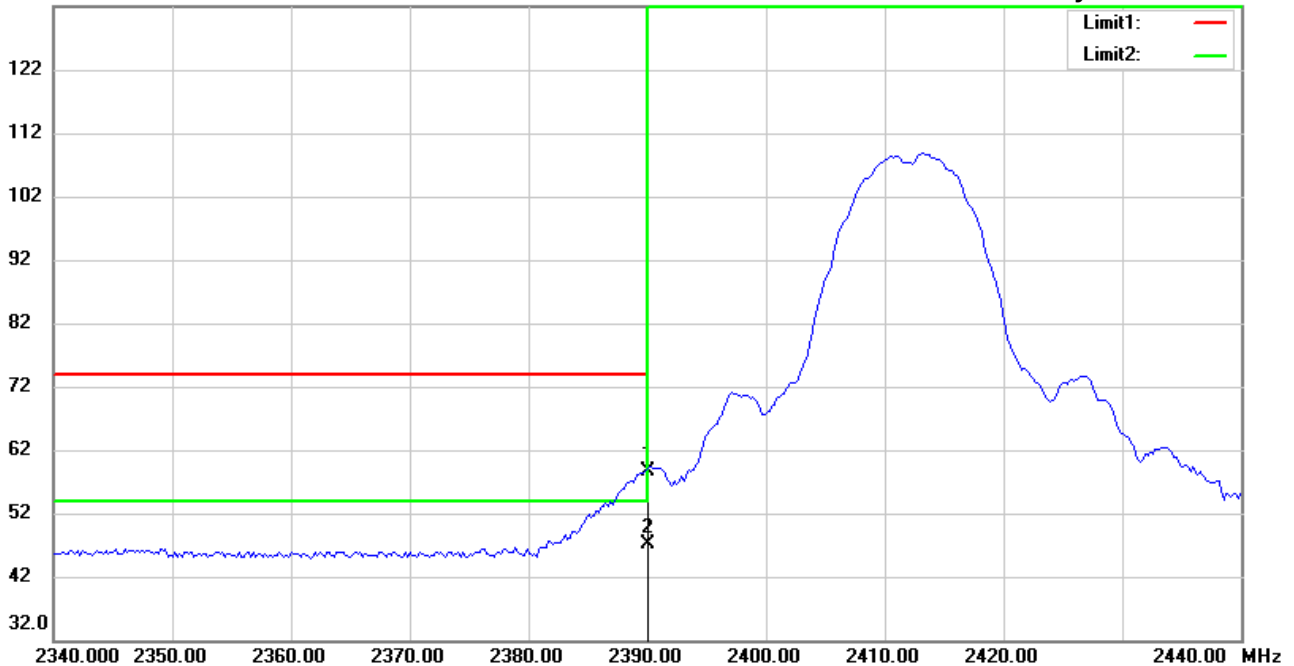
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 1:00:22 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	20.10	peak	38.42	58.52	74.00	150	320	-15.48	
*	2390.000	8.64	AVG	38.42	47.06	54.00	150	320	-6.94	

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



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Radiated Emission Measurement

Operator: Allen

File : bandedge

Data : #1

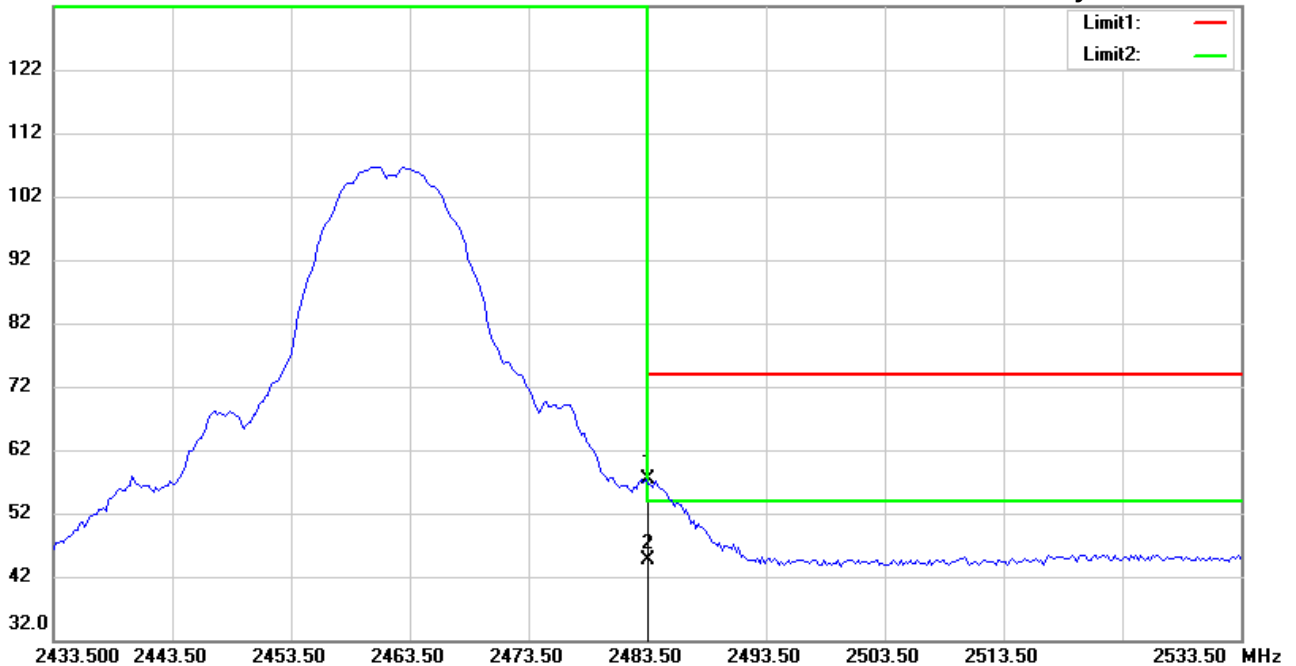
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 4:45:42 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	18.51	peak	38.75	57.26	74.00	150	40	-16.74	
*	2483.500	5.93	AVG	38.75	44.68	54.00	150	40	-9.32	

*: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: Allen

File :bandedge

Data :#2

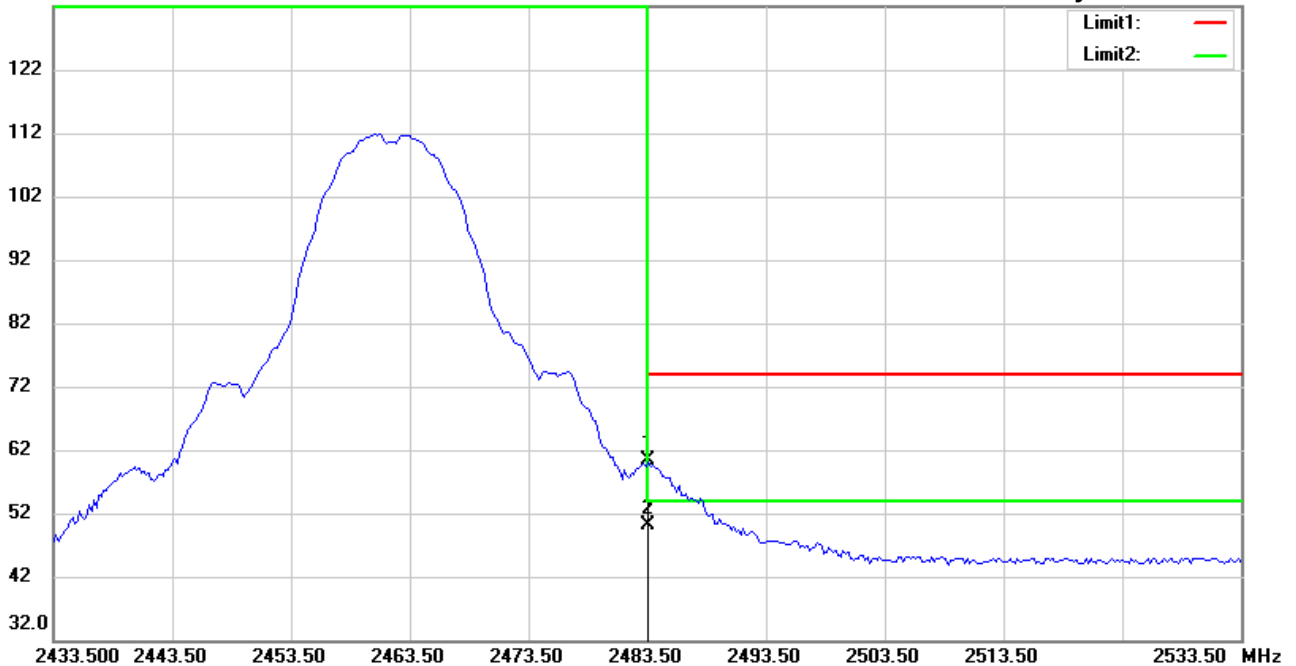
Date: 1/12/2022

Temperature:19.9 °C

132.0 dBuV/m

Time: 4:50:22 AM

Humidity:48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	21.65	peak	38.75	60.40	74.00	150	330	-13.60	
*	2483.500	11.44	AVG	38.75	50.19	54.00	150	330	-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
Fax: +886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File : bandedge

Data : #1

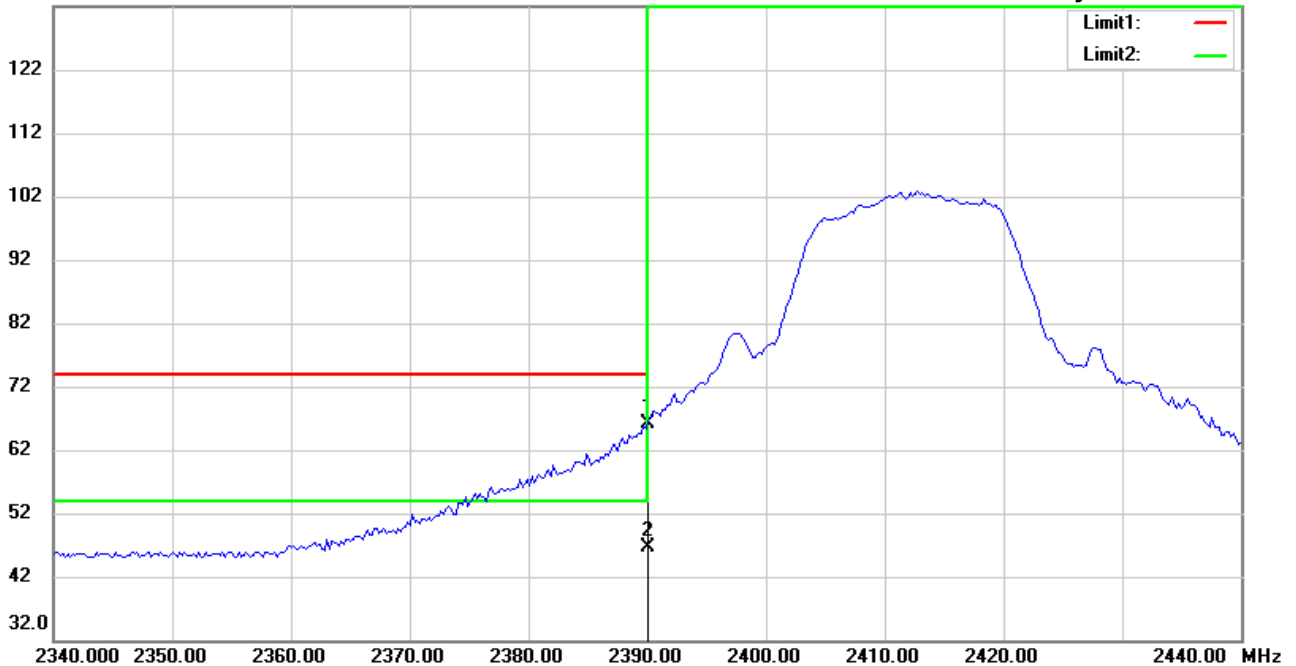
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 1:34:35 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	27.64	peak	38.42	66.06	74.00	150	40	-7.94	
*	2390.000	8.33	AVG	38.42	46.75	54.00	150	40	-7.25	

*: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: Allen

File : bandedge

Data : #2

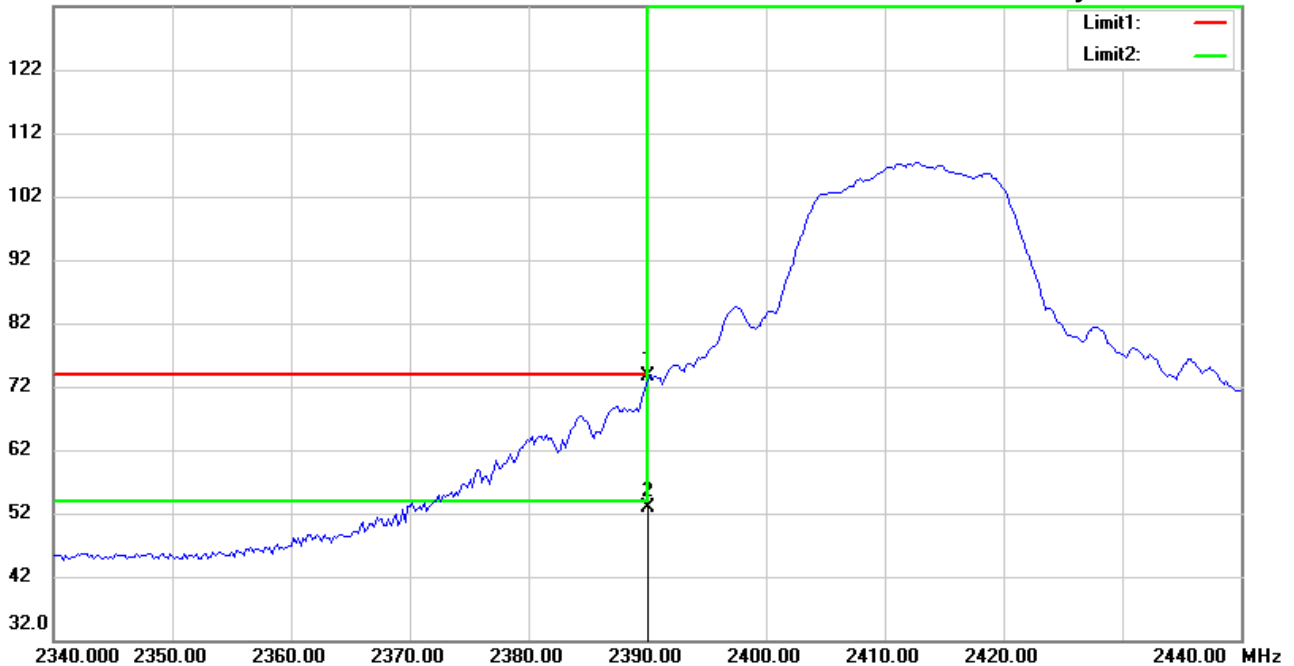
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 1:40:18 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2390.000	35.14	peak	38.42	73.56	74.00	150	180	-0.44	
	2390.000	14.36	AVG	38.42	52.78	54.00	150	180	-1.22	

*: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: Allen

File : bandedge

Data : #1

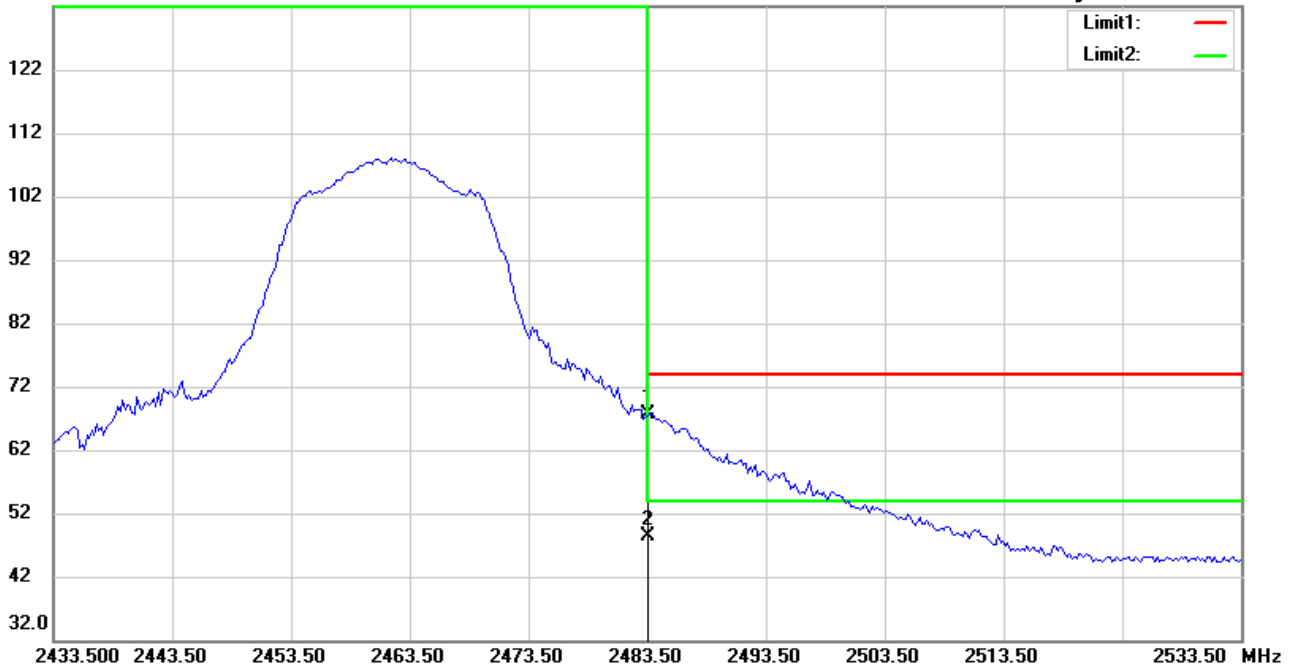
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 4:32:26 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	28.80	peak	38.75	67.55	74.00	150	40	-6.45	
*	2483.500	9.51	AVG	38.75	48.26	54.00	150	40	-5.74	

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



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Radiated Emission Measurement

Operator: Allen

File : bandedge

Data : #2

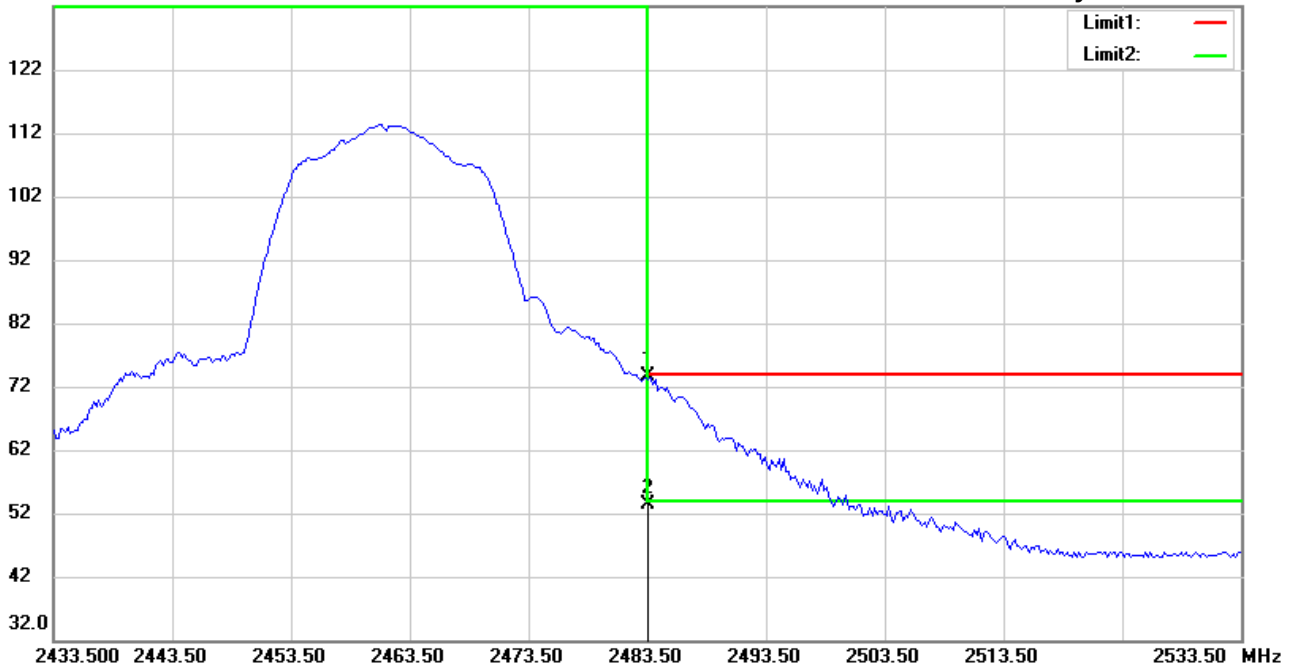
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 4:35:58 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2483.500	34.86	peak	38.75	73.61	74.00	150	330	-0.39	
	2483.500	14.57	AVG	38.75	53.32	54.00	150	330	-0.68	

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



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Radiated Emission Measurement

Operator: Allen

File : bandedge

Data : #1

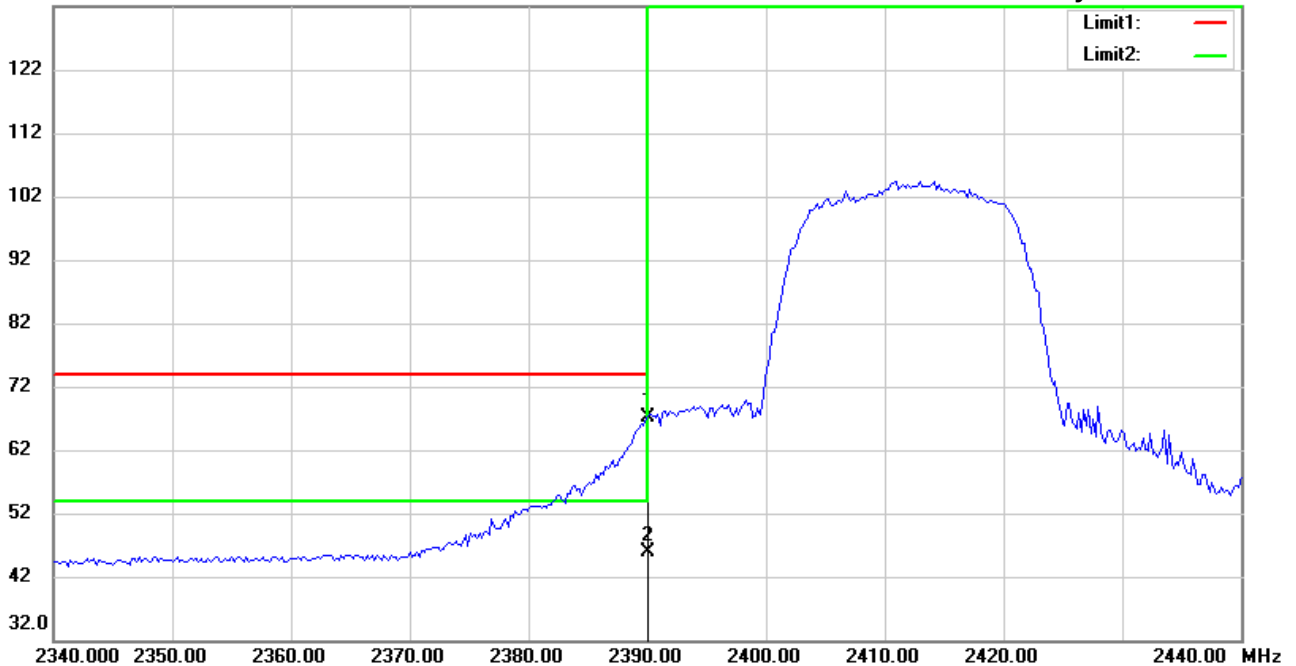
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 2:09:15 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2390.000	28.61	peak	38.42	67.03	74.00	150	35	-6.97	
	2390.000	7.58	AVG	38.42	46.00	54.00	150	35	-8.00	

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



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Radiated Emission Measurement

Operator: Allen

File : bandedge

Data : #2

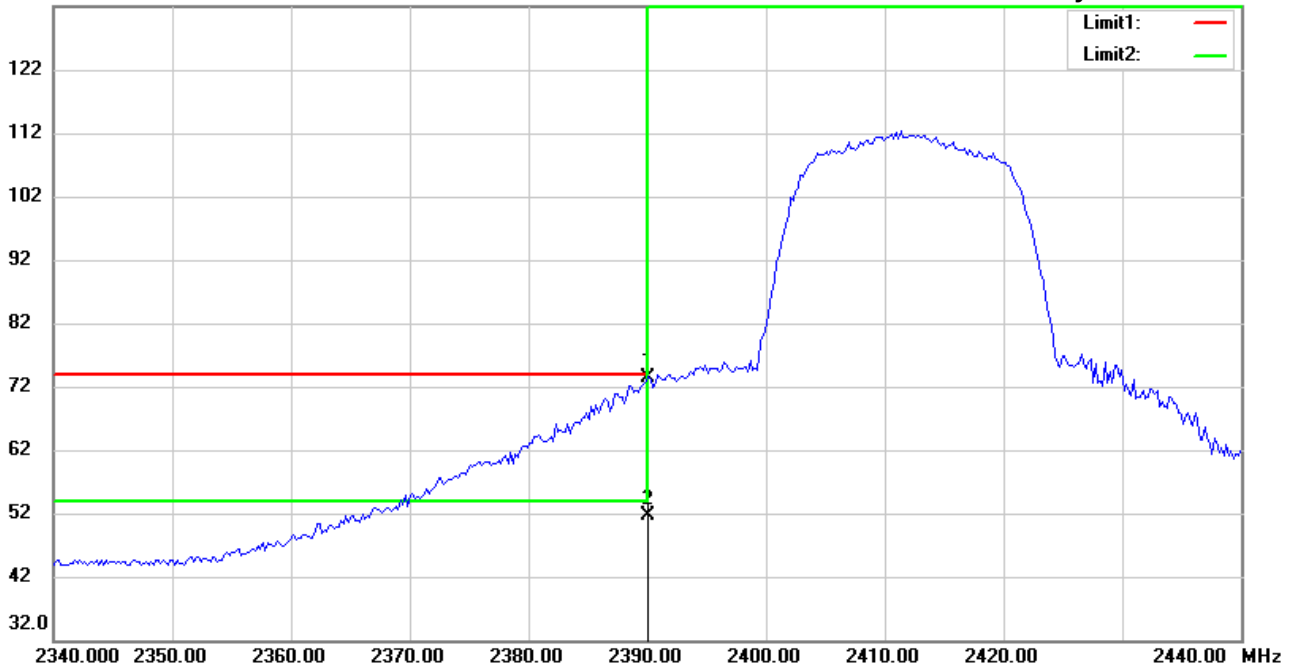
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 2:14:04 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2390.000	34.96	peak	38.42	73.38	74.00	150	200	-0.62	
	2390.000	13.22	AVG	38.42	51.64	54.00	150	200	-2.36	

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



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Radiated Emission Measurement

Operator: Allen

File : bandedge

Data : #1

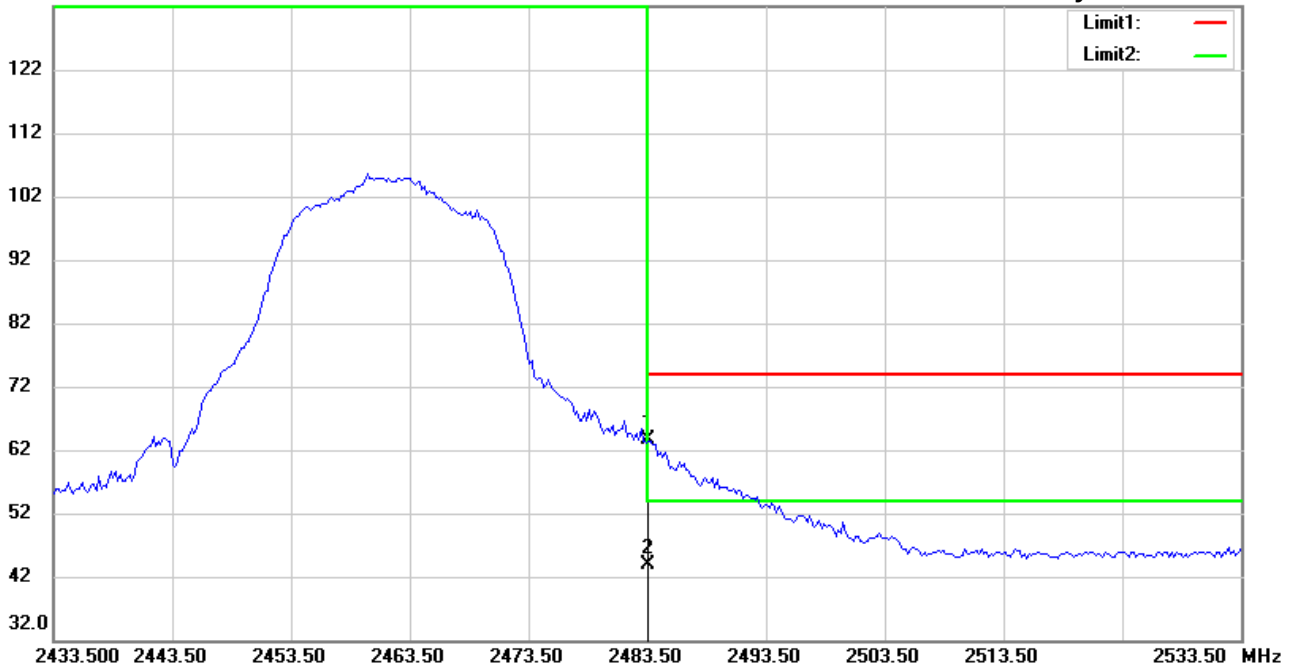
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 3:57:08 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	24.88	peak	38.75	63.63	74.00	150	35	-10.37	
*	2483.500	5.15	AVG	38.75	43.90	54.00	150	35	-10.10	

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



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Radiated Emission Measurement

Operator: Allen

File : bandedge

Data : #2

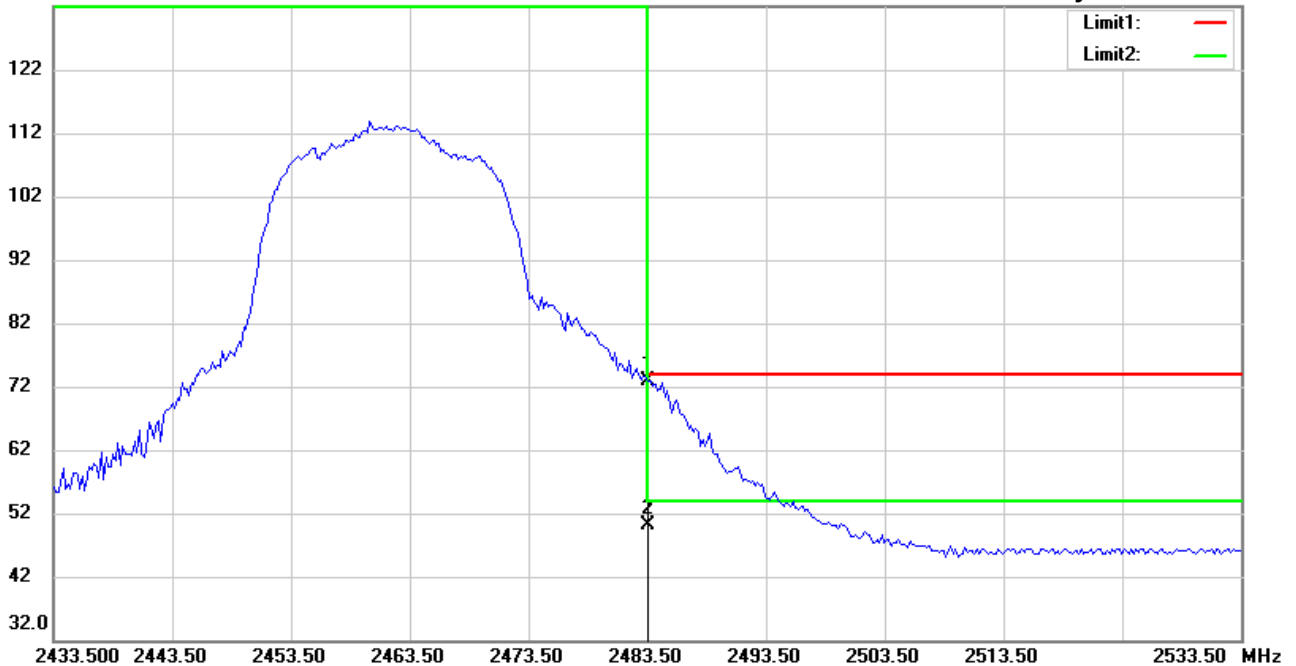
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 4:00:53 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n20 CH11

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2483.500	34.16	peak	38.75	72.91	74.00	150	330	-1.09	
	2483.500	11.41	AVG	38.75	50.16	54.00	150	330	-3.84	

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



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Radiated Emission Measurement

Operator: Allen

File : bandedge

Data : #1

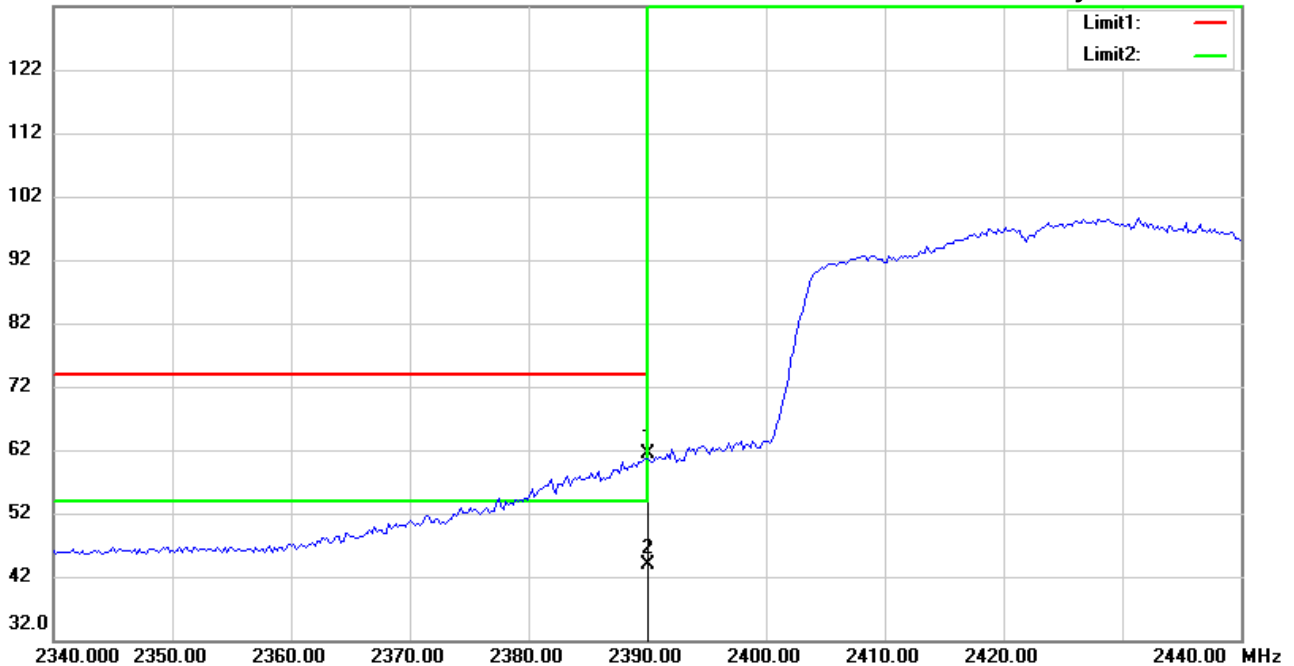
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 3:01:55 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	22.84	peak	38.42	61.26	74.00	150	40	-12.74	
*	2390.000	5.56	AVG	38.42	43.98	54.00	150	40	-10.02	

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



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Radiated Emission Measurement

Operator: Allen

File : bandedge

Data : #2

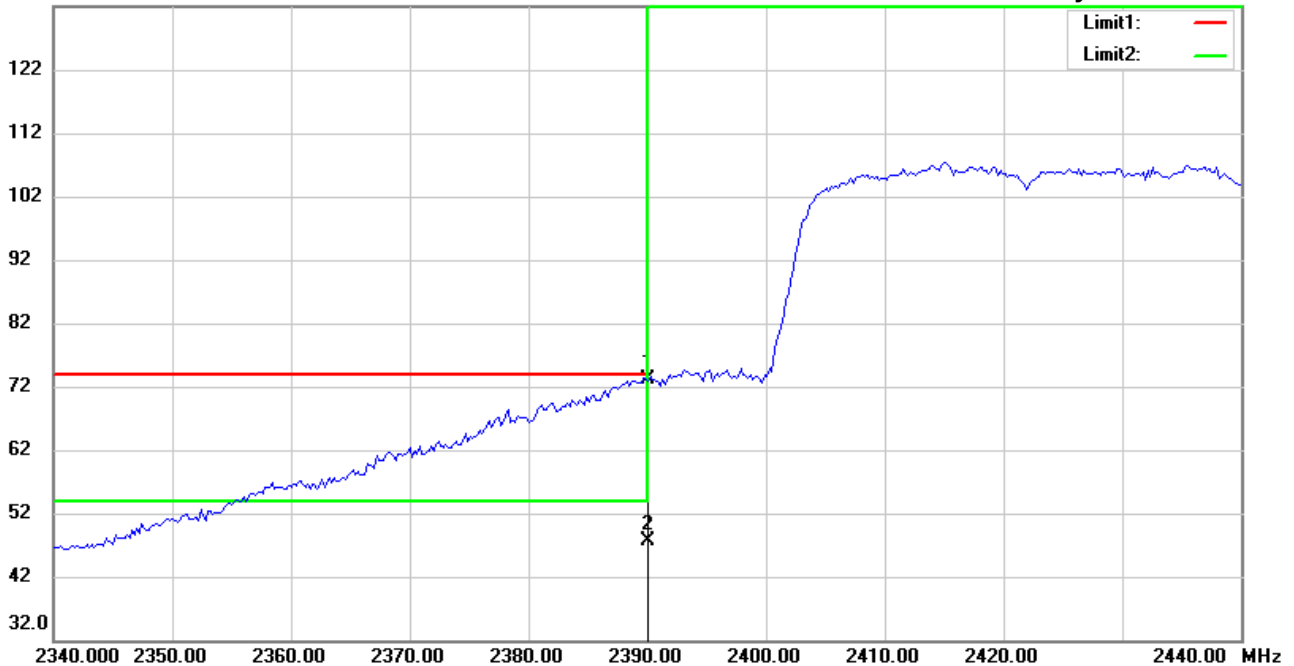
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 3:08:01 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2390.000	34.72	peak	38.42	73.14	74.00	150	185	-0.86	
	2390.000	9.32	AVG	38.42	47.74	54.00	150	185	-6.26	

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



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Radiated Emission Measurement

Operator: Allen

File : bandedge

Data : #1

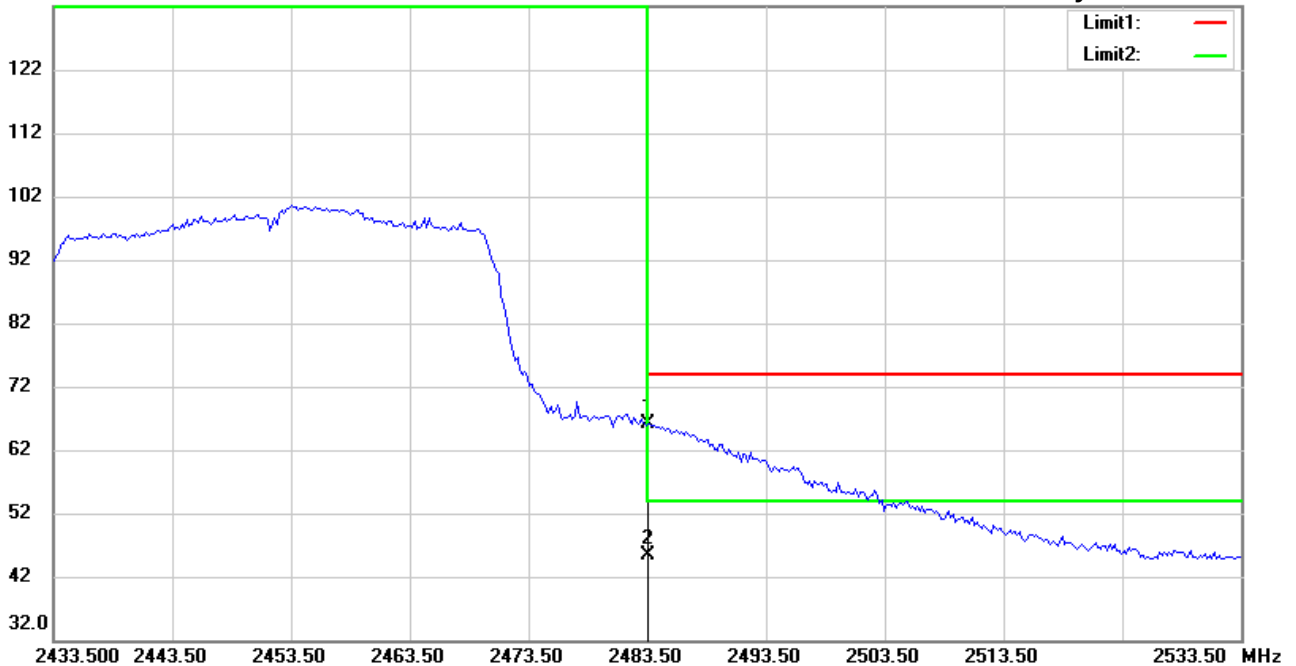
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 3:29:39 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Horizontal*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2483.500	27.38	peak	38.75	66.13	74.00	150	40	-7.87	
	2483.500	6.68	AVG	38.75	45.43	54.00	150	40	-8.57	

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



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Radiated Emission Measurement

Operator: Allen

File : bandedge

Data : #2

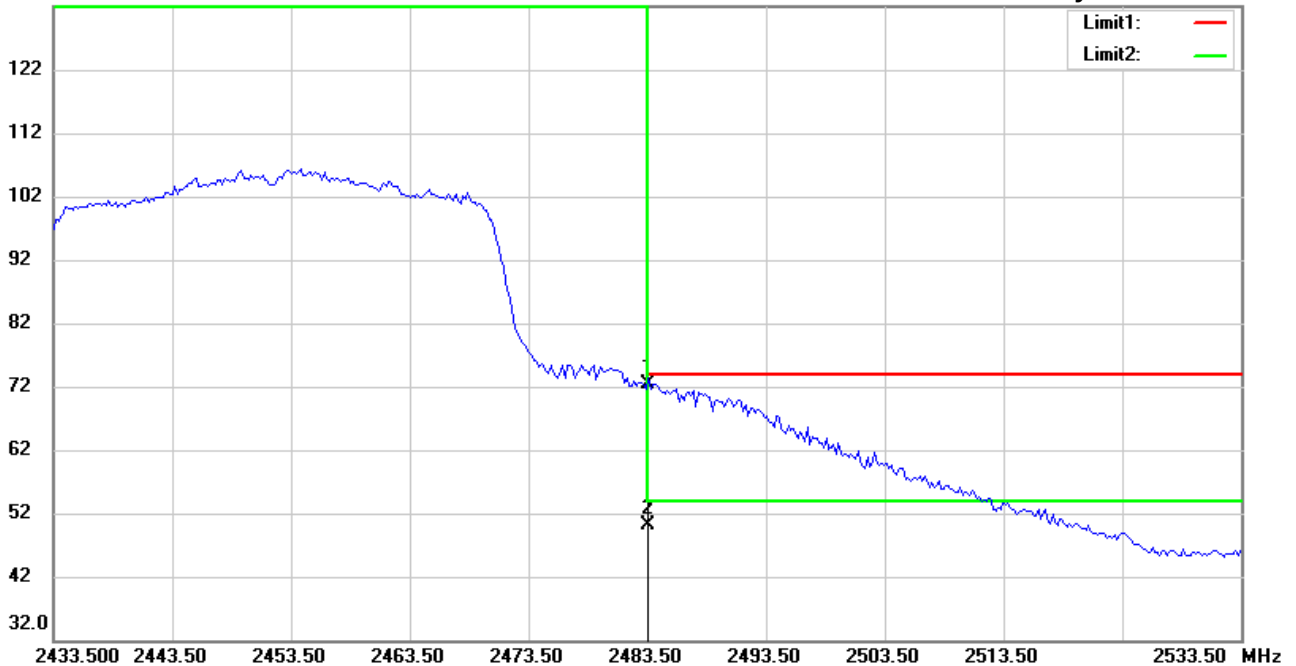
Date: 1/12/2022

Temperature: 19.9 °C

132.0 dBuV/m

Time: 3:34:26 AM

Humidity: 48.9 %



Site : 966 Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22108-21141

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Vertical*

Power : PoE

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2483.500	33.69	peak	38.75	72.44	74.00	150	330	-1.56	
	2483.500	11.36	AVG	38.75	50.11	54.00	150	330	-3.89	

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