

47 CFR PART 15 SUBPART C TEST REPORT

for

Smart Home Alarm System

Model No.: HSGW_x-xxxxx-xxxxx Series

(x=0~9, A~Z or blank)

FCC ID: GX9HSGWCATM1

of

Applicant: CLIMAX TECHNOLOGY CO., LTD.

Address: No. 258, Sinhu 2nd Rd., Neihu District, Taipei City 114,
Taiwan (R.O.C.)

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: TW1477, TW1072

Industry Canada filed test laboratory Reg. No.: 20037, 5107A



Report No.: W6M22302-22480-C-1

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

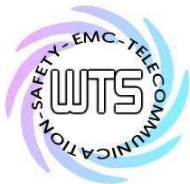


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1 General Information

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.

Laboratory disclaimer-

1. The test results of this test report relate exclusively to the item tested as specified in 1.5.
2. The test report may only be reproduced or published in full.
3. Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services(Taiwan) Co., Ltd.
4. Antenna gain is provided by applicant and laboratory issue relevant data and results.

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.

The test sample is able to work according IEEE 802.11 b/g/n.

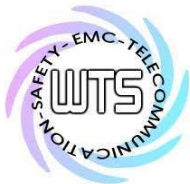
This report is related to FCC Part 15 C (DSSS and OFDM device).

Tester:

April 17, 2023	Rick Chen	<i>Rick Chen.</i>
_____	_____	_____
Date	WTS-Lab. Name	Signature

Technical responsibility for area of testing:

April 17, 2023	Kevin Wang	<i>Kevin Wang</i>
_____	_____	_____
Date	WTS Name	Signature



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1.2 Testing laboratory

1.2.1 Location

10m OATS

No.5-1, Lishui, Shuang Sing Village, Wanli Dist.,
New Taipei City 207, Taiwan (R.O.C.)

3 meter semi-anechoic chamber

No.35, Aly. 21, Ln. 228, Ankang Rd., Neihu Dist.,
Taipei City 114, Taiwan (R.O.C.)
Tel: 886-2-6613-0228

Worldwide Testing Services (Taiwan) Co., Ltd.

6F., No. 58, Ln. 188, Ruiguang Rd., Neihu Dist.,
Taipei City 114, Taiwan (R.O.C.)
Tel: 886-2-6606-8877

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, 5107A

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

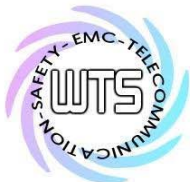
Name: ./.
Accredited number: ./.
Street: ./.
Town: ./.
Country: ./.

1.3 Application details

Name: CLIMAX TECHNOLOGY CO., LTD.
Street: No. 258, Sinhu 2nd Rd., Neihu District,
Town: Taipei City 114,
Country: Taiwan (R.O.C.)

Manufacturer: (if applicable)

Name: ./.
Street: ./.
Town: ./.
Country: ./.



Registration number: W6M22302-22480-C-1

FCC ID: GX9HSGWCATM1

Date of receipt of test item: February 21, 2023

Date of test: from February 22, 2023 to April 14, 2023

1.4 General information of Test item

Type of test item: Smart Home Alarm System

Model no.: HSGWx-xxxxx-xxxxx Series(x=0~9, A~Z or blank)

Multi-listing model no.: ./.

Brand name: ./.

Power supply: Adaptor (I/P: 100-240V~0.4A, 50/60Hz O/P: 12.0V, 1.0A, 12.0W)
Battery 7.2Vd.c.

Type of antenna: Monopole antenna

Antenna gain: 1.53 dBi

Directional gain: ./.

Technical data

WLAN		
Mode	Channel	Conducted Power (dBm)
802.11b	Ch 1 : 2412 MHz	14.42
	Ch 6 : 2437 MHz	14.75
	Ch 11 : 2462 MHz	15.03
802.11g	Ch 1 : 2412 MHz	9.14
	Ch 6 : 2437 MHz	9.55
	Ch 11 : 2462 MHz	9.83
802.11n20MHz	Ch 1 : 2412 MHz	9.18
	Ch 6 : 2437 MHz	9.60
	Ch 11 : 2462 MHz	9.90
802.11n40MHz	Ch 1 : 2422 MHz	8.06
	Ch 4 : 2437 MHz	8.36
	Ch 7 : 2452 MHz	8.56

Operation modes: Duplex

Modulation type: DSSS, OFDM

Sample no.: #01



Registration number: W6M22302-22480-C-1
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Special statement:

1. This test report is valid in connection to the model has been tested, any modification to the product which is different from the test model will avoid the certification of the test report.
2. This test report shall always be duplicated in full pages unless the written approval of the testing.
3. The x in model number is representing different case shape, case colors, led mask color, and control ID.
4. The model number of EUT is HSGW-MAX8-DT32. This model does not contain logo.

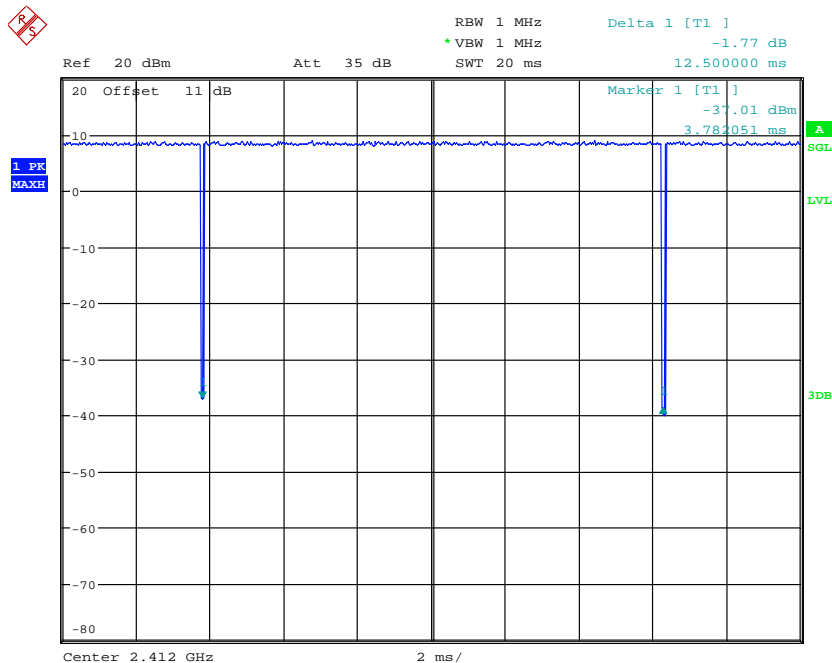
1.5 Duty Cycles

A correction factor shall be added to the measurement results prior to comparing with the emission limit to compute the emission level that would have been measured had the test been performed at 100% duty cycle.

The correction factor is computed as $[10 \log (1 / D)]$, where D is the duty cycle.

Mode	Ton (ms)	Ton+Toff (ms)	Duty cycle (%)	Duty Factor (dB)	1/T - VBW (KHz)
802.11b	12	12.532	95.75%	0.19	0.08
802.11g	2.083	2.155	96.66%	0.15	0.48
802.11n 20M	1.939	2.043	94.91%	0.23	0.52
802.11n 40M	0.97	1.106	87.70%	0.57	1.03

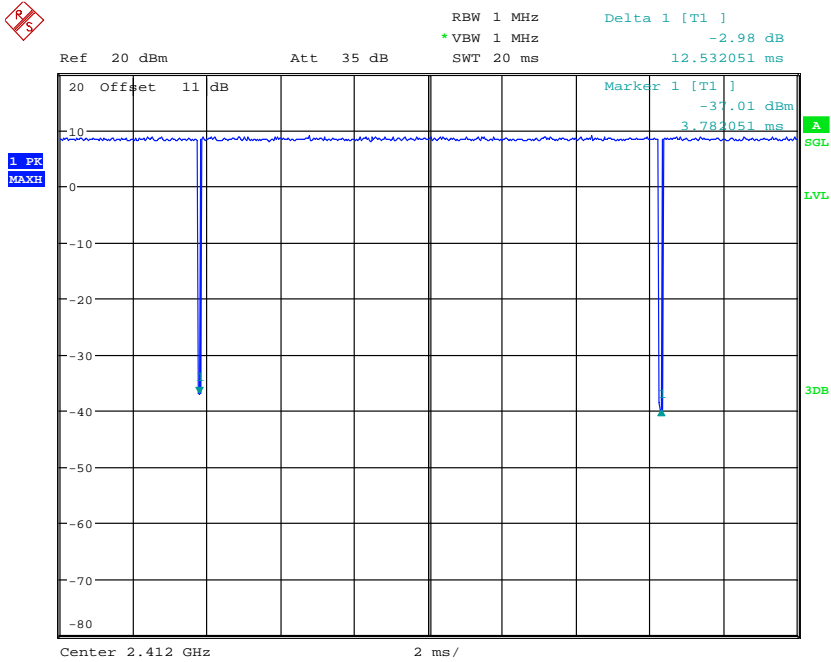
Duty cycle plot
802.11b



DUTY CYCLE 802.11B
 Date: 11.APR.2023 21:06:51

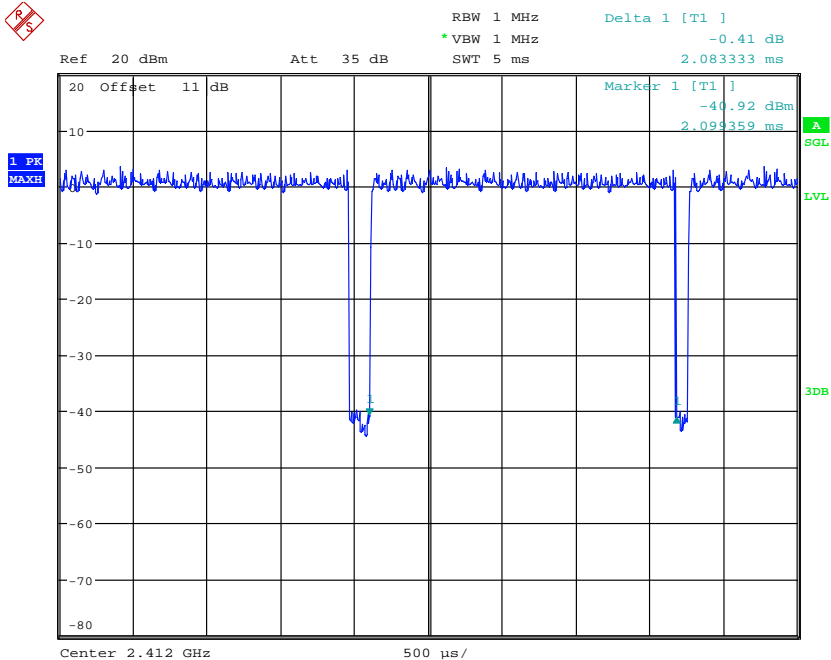


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DUTY CYCLE 802.11B
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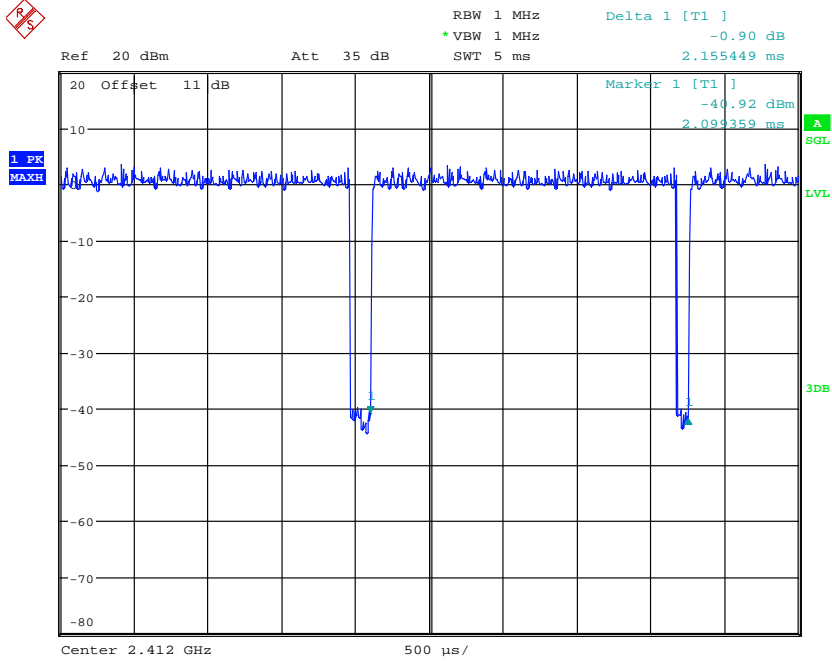
802.11g



DUTY CYCLE 802.11G
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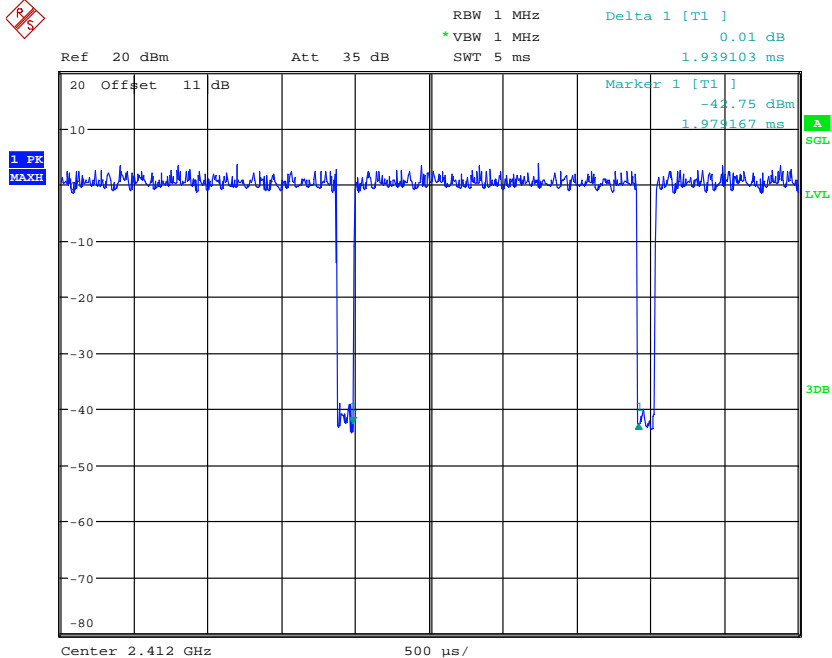


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FCC ID: GX9HSGWCATM1



DUTY CYCLE 802.11G
Date: 11.APR.2023 21:09:31

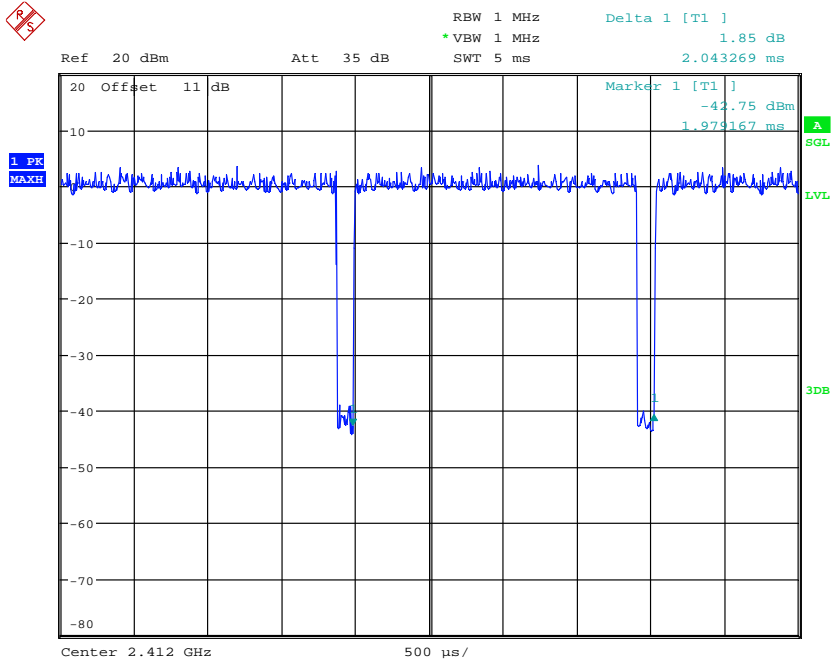
802.11n 20MHz



DUTY CYCLE 802.11N 20M
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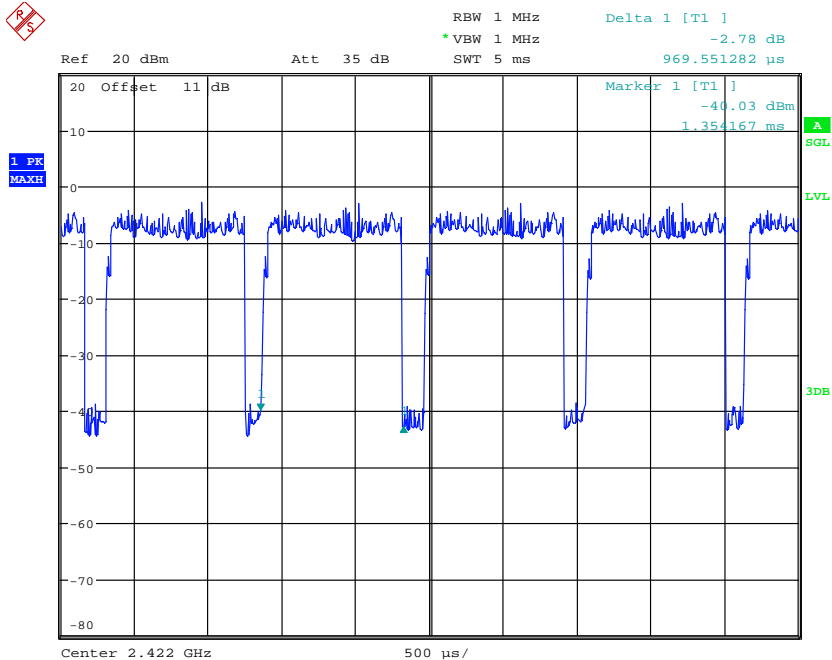


Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



DUTY CYCLE 802.11N 20M
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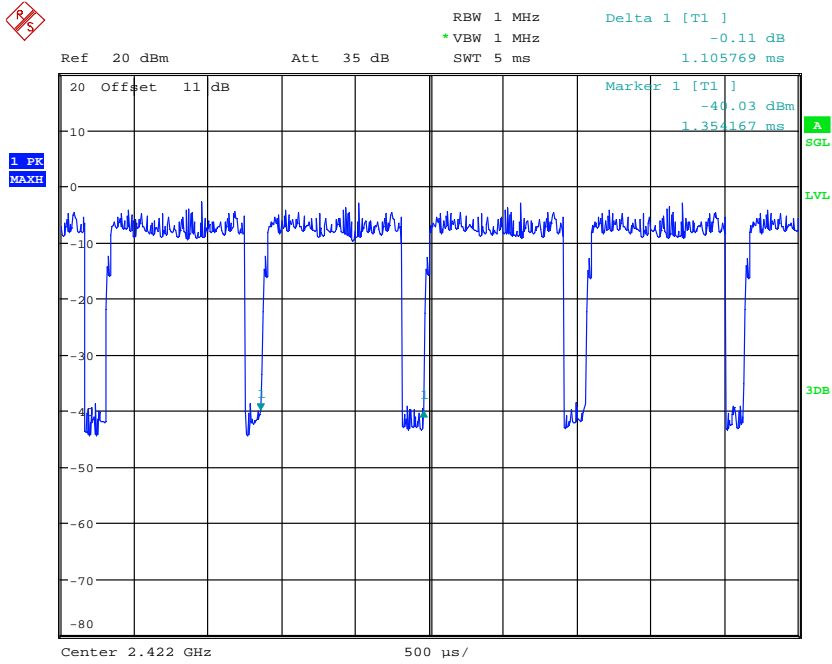
802.11n 40MHz



DUTY CYCLE 802.11N 40M
Date: 11.APR.2023 21:13:08



Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



DUTY CYCLE 802.11N 40M
Date: 11.APR.2023 21:12:50

1.6 Test standards

Technical standard : 47 CFR PART 15 SUBPART C § 15.247 (2021-10)



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2 Technical test

2.1 Summary of test results

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

or

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

2.2 Test environment

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Power supply: Adaptor (I/P: 100-240V~0.4A, 50/60Hz
 O/P: 12.0V, 1.0A, 12.0W)
 Battery 7.2Vd.c.

Extreme conditions parameters: ./.

Test item Name	Uncertainty
Estimation Result of Uncertainty of Conducted Emission (Power Line Conducted Emission)	Expanded Uncertainty : AMN : 0.94 dB Voltage probe : 0.96 dB Include Pulse Limiter : 1.52 dB
Estimation Result of Uncertainty of Radiated Emission(3M) (Spurious Emissions radiated – Transmitter operating)	Expanded Uncertainty : 0.009-30 MHz : 3.48 dB 30-1000 MHz : 3.96 dB 1-18 GHz : 2.46 dB 18-40 GHz : 2.44 dB
Estimation Result of Uncertainty of Bandwidth Measurement (Minimum 6 dB Bandwidth)	Expanded Uncertainty : 0.45 kHz
Estimation Result of Uncertainty of Conducted Output Power Measurement (Peak Output Power (transmitter))	Expanded Uncertainty : 1.48 dB
Estimation Result of Uncertainty of Power Density Measurement (Peak Power Spectral Density)	Expanded Uncertainty : 1.48 dB
Estimation Result of Uncertainty of Band Edge Measurement (Emissions in nonrestricted frequency bands)	Expanded Uncertainty : 0.67 dBc

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



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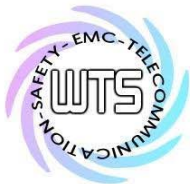
2.3 Test Equipment List

RF Conducted

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2022/8/3	2023/8/2
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2023/2/17	2024/2/16
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2023/2/17	2024/2/16
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2023/2/17	2024/2/16
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2023/3/22	2024/3/21
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2023/2/17	2024/2/16
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2023/2/17	2024/2/16
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2023/2/17	2024/2/16
ETSTW-RE 153	Signal Analyzer	FSV40	101929	R&S	2022/10/3	2023/10/2
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2022/9/2	2023/9/1
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2022/5/6	2023/5/5
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2023/02/17	2024/2/16
ETSTW-Cable 045	Microwave Cable	SUCOFLEX 104	325536	HUBER+SUHNER	2022/10/21	2023/10/20
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2022/5/27	2023/5/26
WTSTW-SW 008	Signal studio	Agilent	None	AUDIX	Version 2.0.0.1	

Radiated Emission

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2022/10/17	2023/10/16
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2022/8/18	2023/8/17
ETSTW-RE 019	MICROWAVE HORN ANTENNA	22240-25	121074	FM	2022/6/13	2023/6/12
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2022/6/22	2023/6/21
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2022/5/23	2023/5/22
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2023/2/20	2024/2/19
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2022/9/16	2023/9/15
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2023/1/4	2024/1/3
ETSTW-RE 142	Amplifier	8447D	2805A03378	Agilent	2023/2/20	2024/2/19
ETSTW-RE 152	Bi-log Hybrid Antenna	MCTD 2786B	BLB20J04029	ETC	2023/1/31	2024/1/30
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2022/9/16	2023/9/15
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2022/9/16	2023/9/15
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2022/5/13	2023/5/12



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ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2023/2/20	2024/2/19
ETSTW-Cable 071	N TYPE CABLE	EMCCFD400-NM-NM-25000	170239	EMCI	2022/5/27	2023/5/26
ETSTW-Cable 072	SMA type cable (8m)	SUCOFLEX 104	805800/4	HUBER+SUHNER	2023/2/20	2024/2/19
ETSTW-Cable 074	SMA type cable (2m)	SUCOFLEX 104	802563/4	HUBER+SUHNER	2023/2/20	2024/2/19
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMCC	None	Farad	Version ETS-03A1 Version EMEC-3A1+	
ETSTW-TH 002	Thermohygrometer	608-H1	45204317	Testo	2022/9/16	2023/9/15
ETSTW-TH 003	Wireless weather station	GAIA	N/A	TFA	2022/10/28	2023/10/27
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	

AC Conducted

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2022/6/22	2023/6/21
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2022/11/9	2023/11/8
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-Cable 045	Microwave Cable	SUCOFLEX 104	325536	HUBER+SUHNER	2022/10/21	2023/10/20
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMCC	None	Farad	Version ETS-03A1 Version EMEC-3A1+	



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3 Test results (enclosure)

TEST CASE	Para. Number	Required	Test passed	Test failed
Peak Output Power (transmitter)	15.247(b)(3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Spurious Emissions radiated – Transmitter operating	15.247 (d) 15.205, 15.209	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Emissions in nonrestricted frequency bands	15.247(d)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum 6 dB Bandwidth	15.247(a)(2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Peak Power Spectral Density	15.247(e)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power Line Conducted Emission	15.207	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Note:

1. The detail of chosen mode for full testing are as below:

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



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1.1 Peak Output Power (transmitter)

1.1.1 Applicable Standard

FCC Rule: 15.247(b)(3)

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

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.

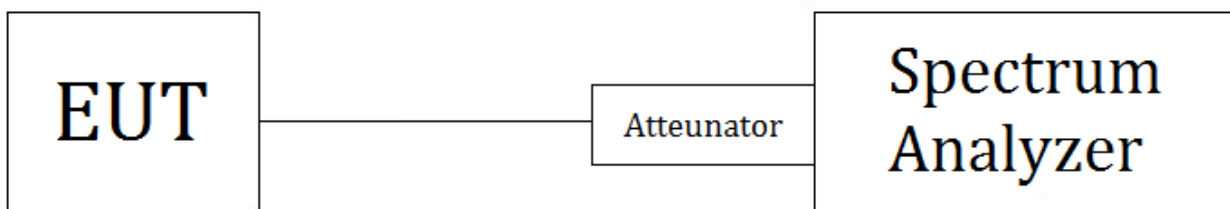
The power was measured with modulation (declared by the applicant).

1.1.2 Test procedure

Following Subclause 11.9.2.2.2 of ANSI C63.10

1. Set span to at least 1.5 times the OBW , Set RBW = 1% to 5% of the OBW, not to exceed 1 MHz , Set VBW $\geq [3 \times \text{RBW}]$.
2. Number of points in sweep $\geq [2 \times \text{span} / \text{RBW}]$, Sweep time = auto , Detector = RMS.
3. Trace average at least 100 traces in power averaging (rms) mode.
4. Compute power by integrating the spectrum across the OBW of the signal using the instrument's band power measurement function, with band limits set equal to the OBW band edges.

1.1.3 Test Setup





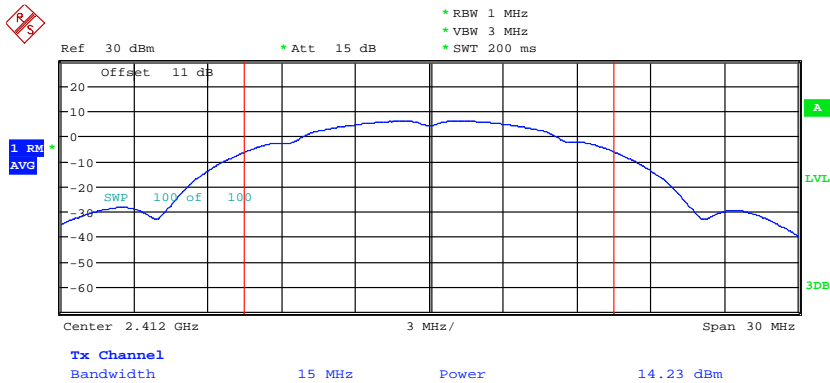
Registration number: W6M22302-22480-C-1
 FCC ID: GX9HSGWCATM1

1.1.4 Test results

Test date : 2023-04-11 Temperature: 21.3°C Humidity: 58.6 % Tester : Rick

Band	Mode	Channel	Conducted power with DF (dBm)	DF (dB)	Limit (dBm)
2.4GHz	802.11b	Ch 1 : 2412 MHz	14.42	0.19	30
		Ch 6 : 2437 MHz	14.75	0.19	30
		Ch 11 : 2462 MHz	15.03	0.19	30
	802.11g	Ch 1 : 2412 MHz	9.14	0.15	30
		Ch 6 : 2437 MHz	9.55	0.15	30
		Ch 11 : 2462 MHz	9.83	0.15	30
	802.11n 20M	Ch 1 : 2412 MHz	9.18	0.23	30
		Ch 6 : 2437 MHz	9.60	0.23	30
		Ch 11 : 2462 MHz	9.90	0.23	30
	802.11n 40M	Ch 1 : 2422 MHz	8.06	0.57	30
		Ch 4 : 2437 MHz	8.36	0.57	30
		Ch 7 : 2452 MHz	8.56	0.57	30

802.11b

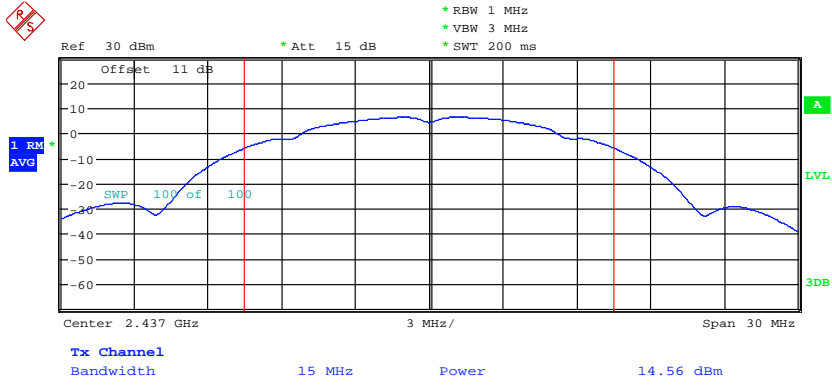


MAX OUTPUT POWER 802.11B CH1
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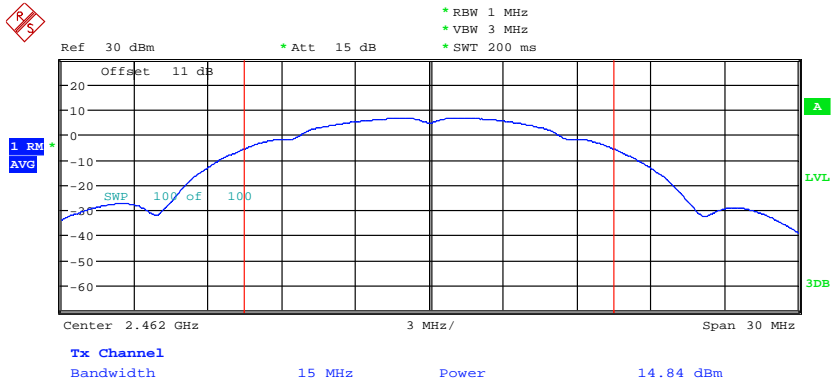
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FCC ID: GX9HSGWCATM1



MAX OUTPUT POWER 802.11B CH6

Date: 11.APR.2023 20:57:32



MAX OUTPUT POWER 802.11B CH11

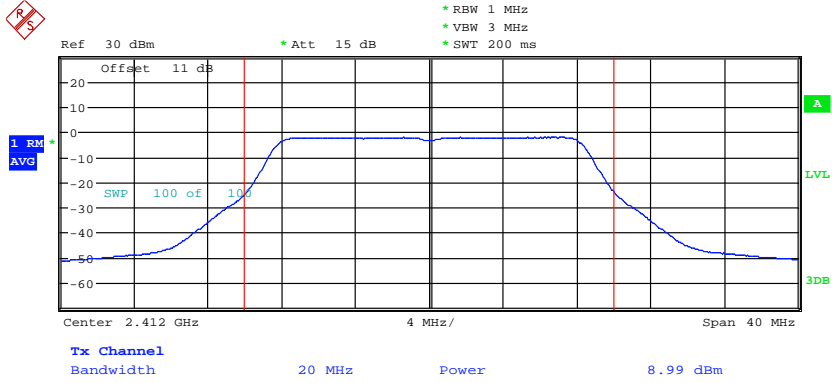
Date: 11.APR.2023 20:58:24



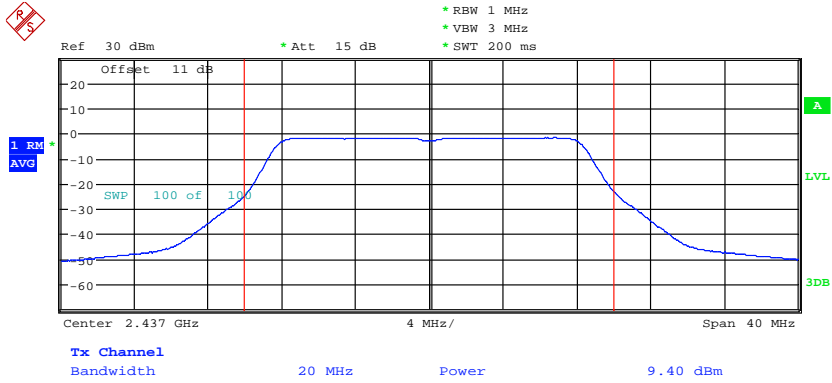
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

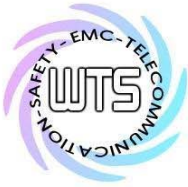
802.11g



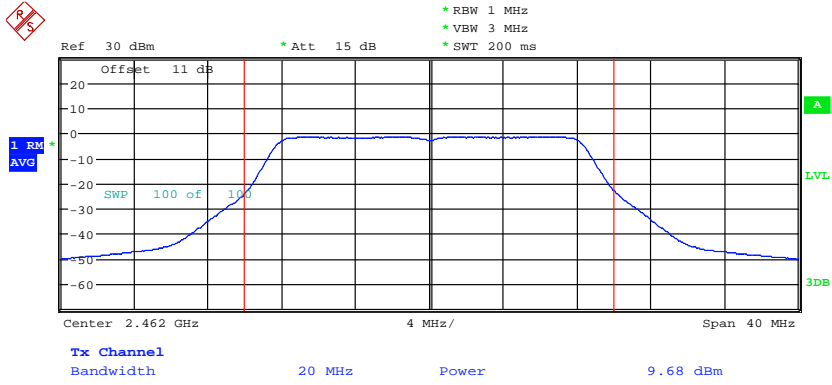
MAX OUTPUT POWER 802.11G CH1
Date: 11.APR.2023 20:54:41



MAX OUTPUT POWER 802.11G CH6
Date: 11.APR.2023 20:53:55



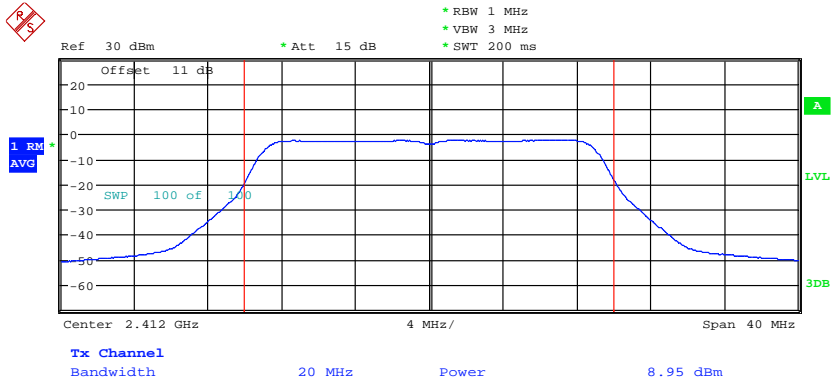
Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



MAX OUTPUT POWER 802.11G CH11

Date: 11.APR.2023 20:53:09

802.11n 20MHz

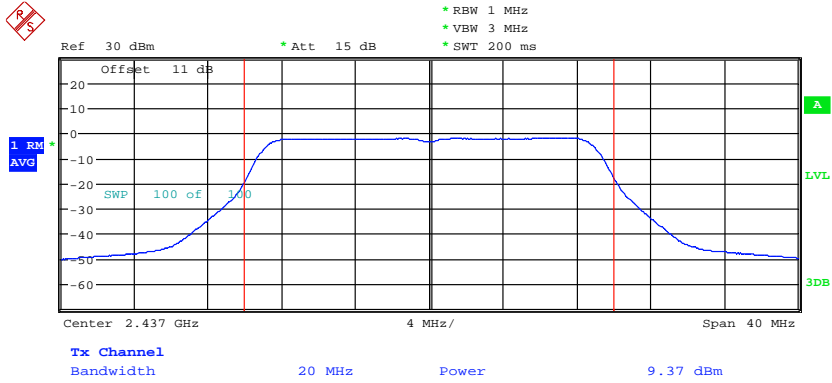


MAX OUTPUT POWER 802.11N 20MHZ CH1

Date: 11.APR.2023 20:52:05

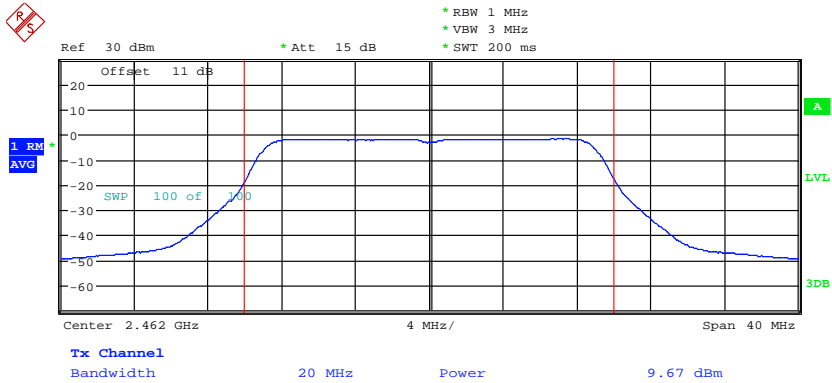


Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



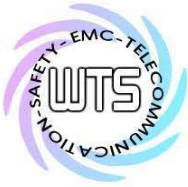
MAX OUTPUT POWER 802.11N 20MHZ CH6

Date: 11.APR.2023 20:50:59



MAX OUTPUT POWER 802.11N 20MHZ CH11

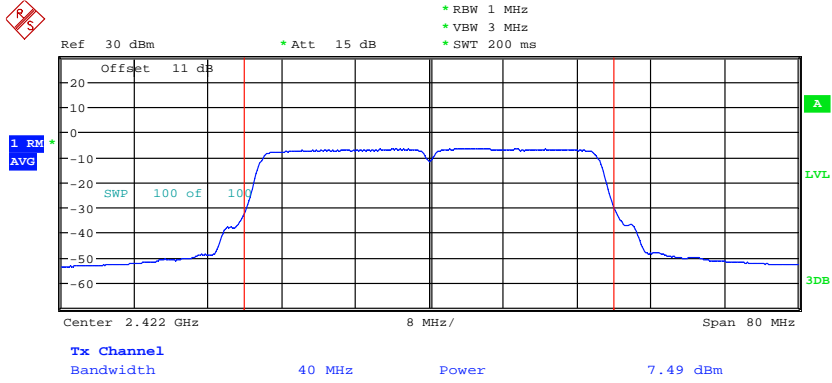
Date: 11.APR.2023 20:50:12



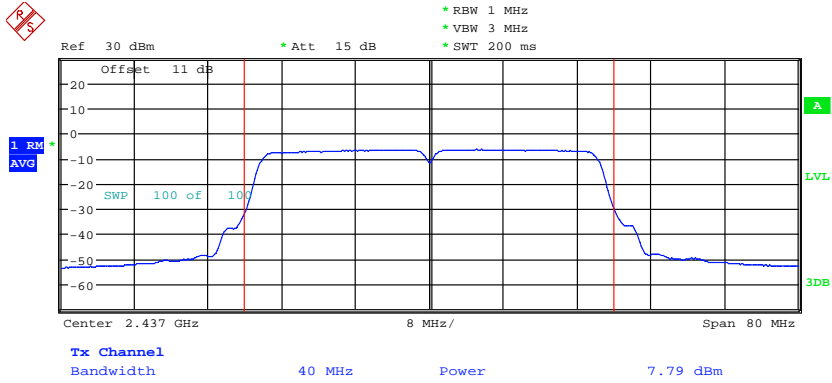
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

802.11n 40MHz



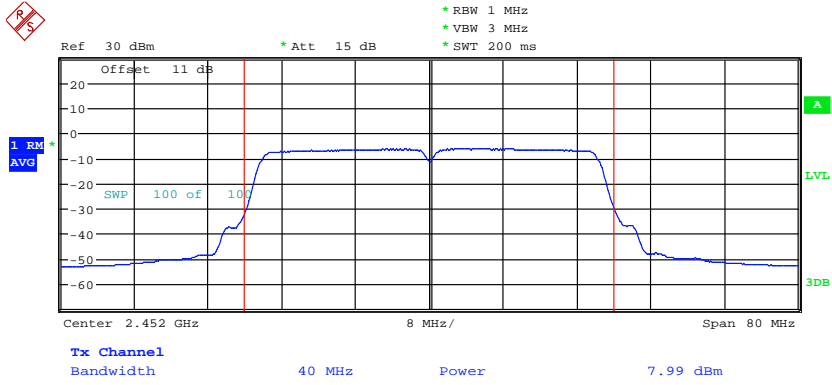
MAX OUTPUT POWER 802.11N 40MHZ CH1
Date: 11.APR.2023 20:49:05



MAX OUTPUT POWER 802.11N 40MHZ CH4
Date: 11.APR.2023 20:48:16

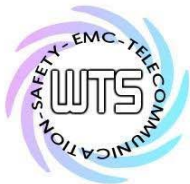


Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



MAX OUTPUT POWER 802.11N 40MHZ CH7

Date: 11.APR.2023 20:47:02



Registration number: W6M22302-22480-C-1

FCC ID: GX9HSGWCATM1

3.2 Spurious Emissions radiated – Transmitter operating

3.2.1 Applicable Standard

FCC Rules: 15.247 (d), 15.205, 15.209

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).

3.2.2 Test procedure

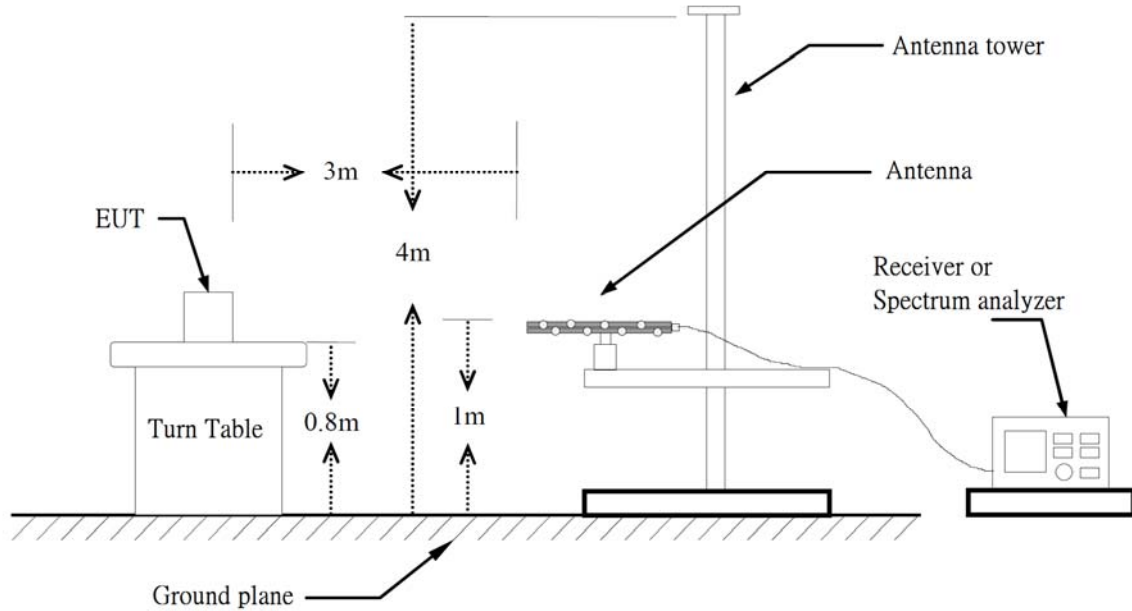
1. Measurement is made at a semi-anechoic chamber that incorporates a turntable allowing a EUT rotation of 360°. Below 1GHz measurement the EUT is placed on turntable which is 0.8m above ground plane. And above 1GHz measurement EUT was placed on low permittivity and low tangent turn table which is 1.5m above ground plane.
2. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m height to find out the highest emissions.
3. Receiver or Spectrum analyzer configuration
 - (a)120kHz measurement bandwidth of test receiver and Quasi-peak detector is for radiated emission below 1GHz.
 - (b)RBW=1MHz, VBW=3MHz and Peak detector is for peak measured value of radiated emission above 1GHz.
 - (c)RBW=1MHz, VBW=10Hz or 1/T and Peak detector is for average measured value of radiated emission above 1GHz.

3.2.3 Limits

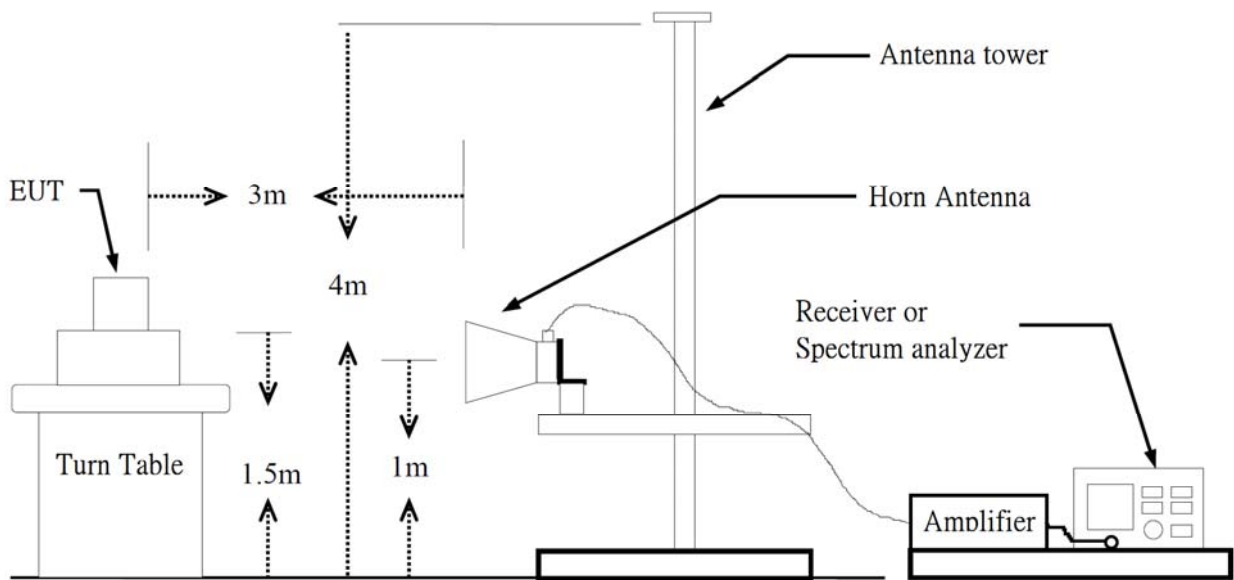
Frequency (MHz)	Field strength (uV/m)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

Registration number: W6M22302-22480-C-1
 FCC ID: GX9HSGWCATM1

3.2.4 Test Setup



Below 1 GHz



Above 1 GHz



Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

3.2.5 Test results (With Environmental Conditions)

Explanation: See attached diagrams in Appendix.

Correction Factor = Antenna factor + Cable loss - Preamplifier

- 1. The formula of measured value as: Test Result = Reading + Correction Factor**
- 2. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average**
- 3. All not in the table noted test results are more than 20 dB below the relevant limits.**
- 4. After evaluated, the test result in this report adopt the worst case to measure**

Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

3.3 Emissions in nonrestricted frequency bands

3.3.1 Applicable Standard

FCC Rules: 15.247(d)

In any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

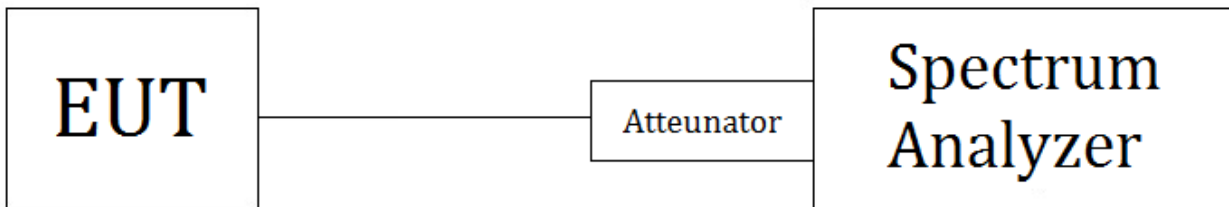
Attenuation below the general limits specified in § 15.209(a) is not required.

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

3.3.2 Test procedure

1. Set RBW = 100 kHz , VBW \geq [3 × RBW]
2. Set Detector = peak , Sweep time = auto , Trace mode = max hold, and allow sweep to continue until the trace stabilizes
3. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

3.3.3 Test setup



3.3.4 Limits

See 3.3.1

3.3.5 Test Environmental Conditions

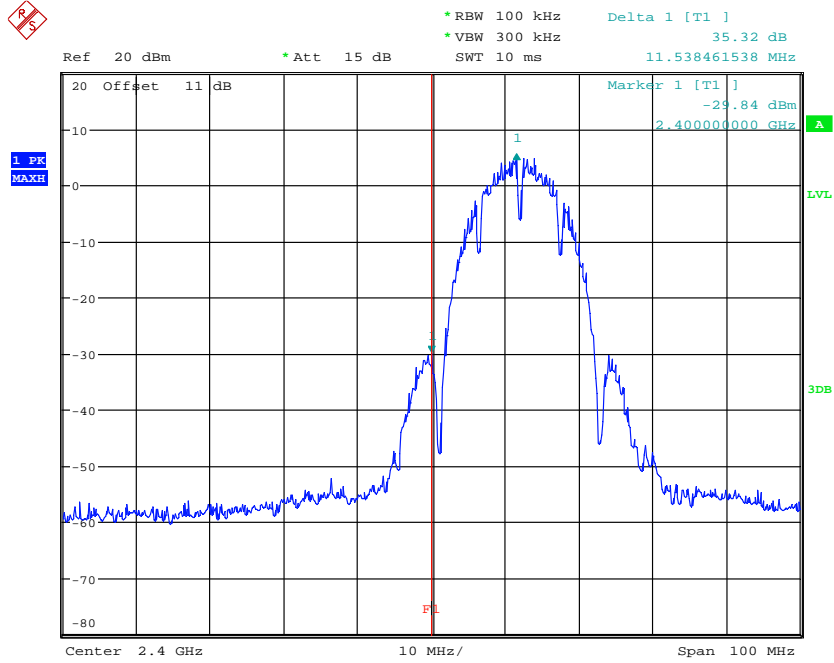
Test date : 2023-04-11 Temperature: 21.3°C Humidity: 58.6 % Tester : Rick



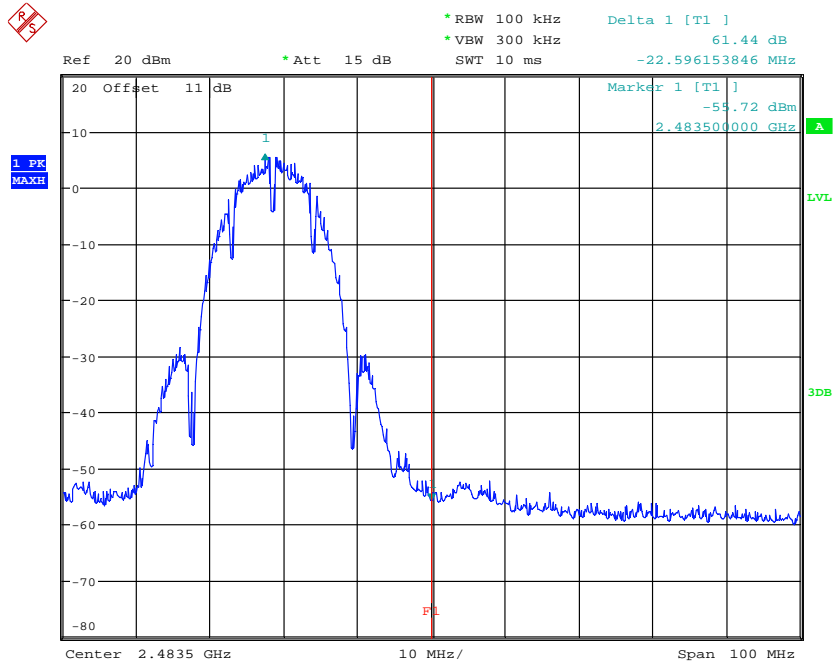
Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

3.3.6 Test results

802.11b



BANDEDGE 802.11B CH01
Date: 11.APR.2023 19:07:20



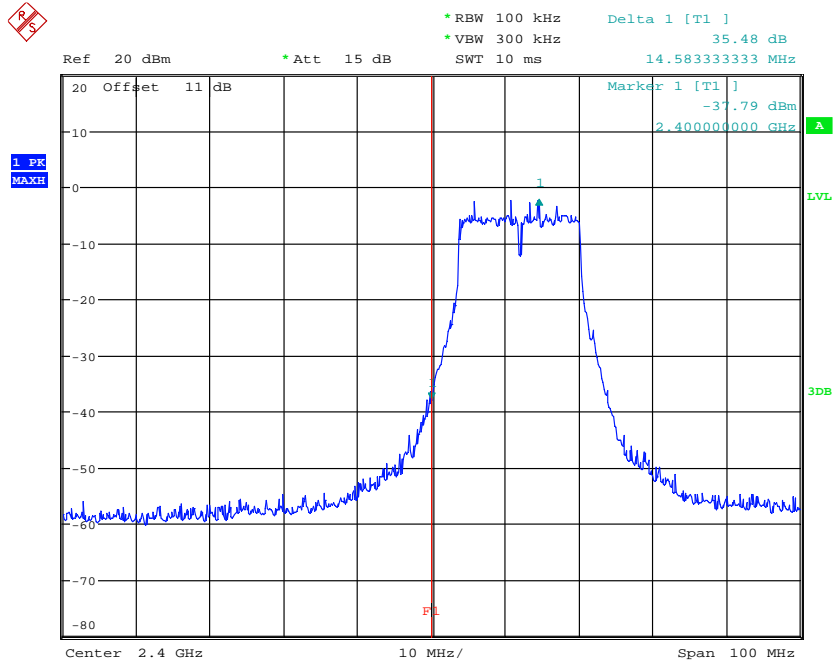
BANDEDGE 802.11B CH11
Date: 11.APR.2023 19:08:53



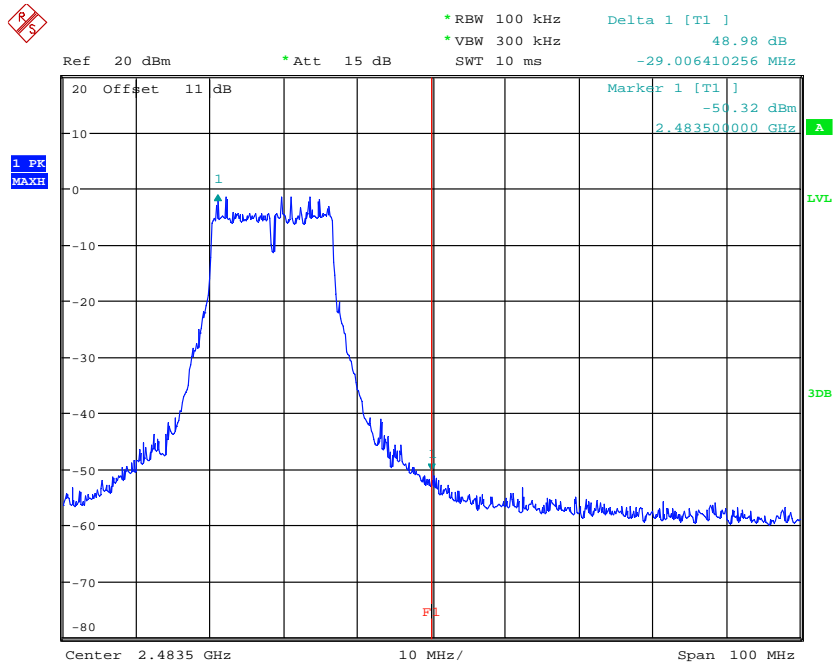
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

802.11g



BANDEDGE 802.11G CH01
Date: 11.APR.2023 20:35:55



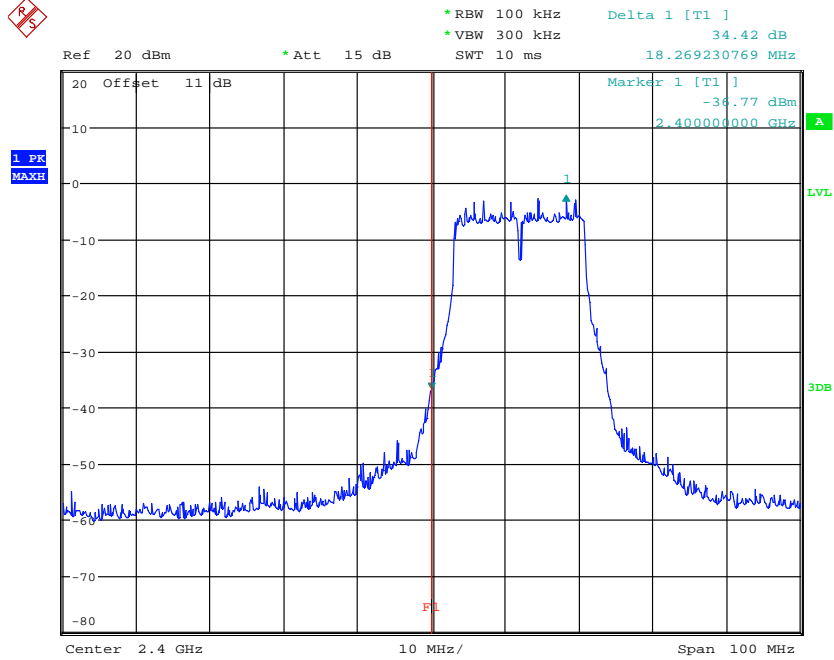
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Date: 11.APR.2023 20:37:40



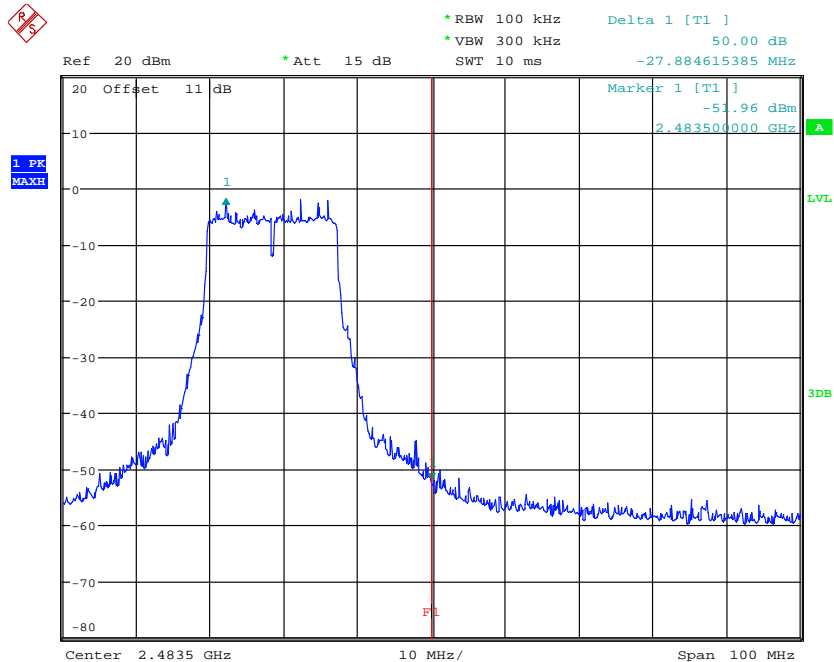
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

802.11n 20MHz



BANDEDGE 802.11N 20MHZ CH01
Date: 11.APR.2023 20:38:36

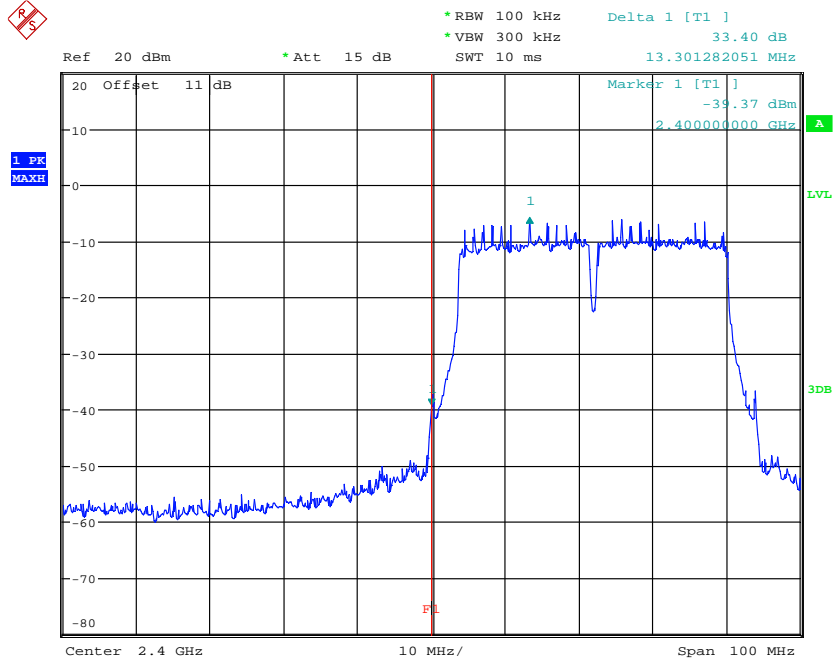


BANDEDGE 802.11N 20MHZ CH11
Date: 11.APR.2023 20:40:13

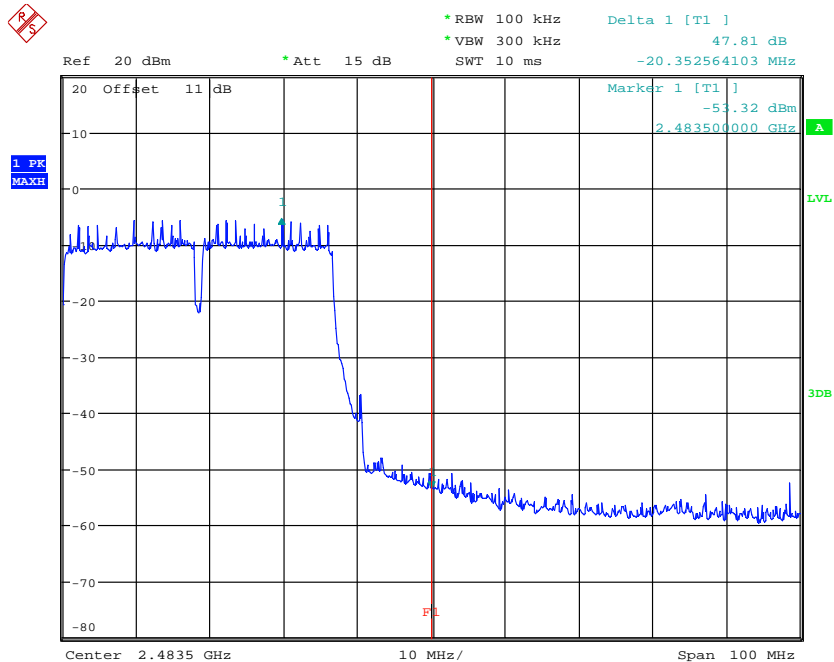


Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

802.11n 40MHz



BANDEDGE 802.11N 40MHZ CH01
Date: 11.APR.2023 20:41:04



BANDEDGE 802.11N 40MHZ CH07
Date: 11.APR.2023 20:44:02



Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

3.4 Minimum 6 dB Bandwidth

3.4.1 Applicable Standard

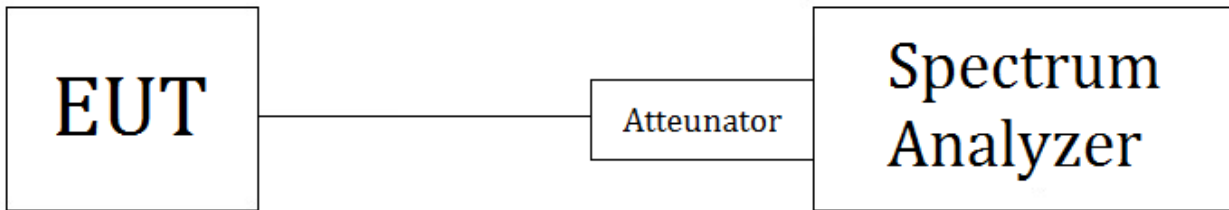
FCC Rules: 15.247(a)(2)

Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

3.4.2 Test procedure

1. Set RBW = 100 kHz , Set the VBW $\geq [3 \times \text{RBW}]$.
2. Set Detector = peak , Trace mode = max hold , Sweep = auto couple and allow the trace to stabilize.
3. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

3.4.3 Test setup



3.4.4 Limits

Frequency Range (MHz)	Limits (kHz)
902-928	≥ 500
2400-2483.5	
5725-5850	

3.4.5 Test Environmental Conditions

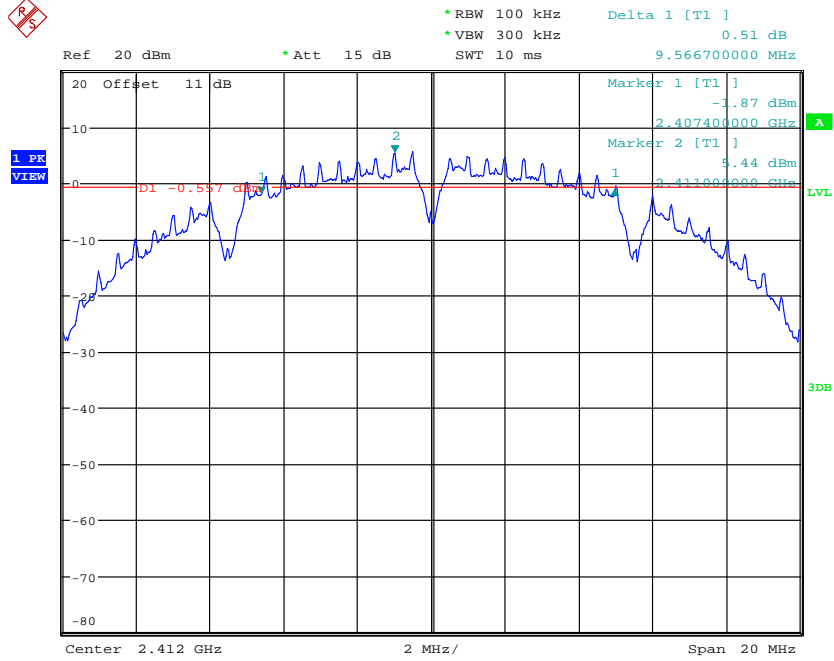
Test date : 2023-04-11 Temperature: 21.3°C Humidity: 58.6 % Tester : Rick



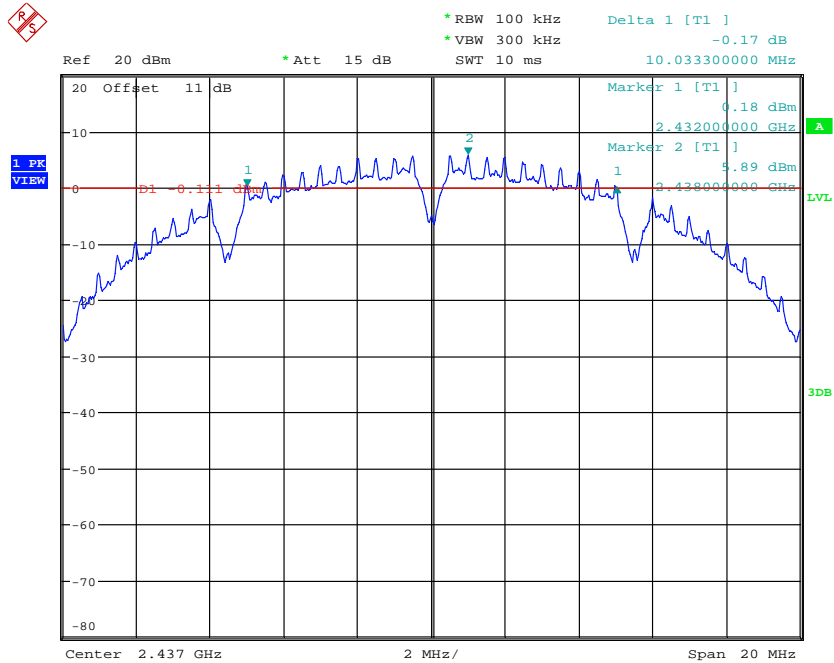
Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

3.4.6 Test results

802.11b



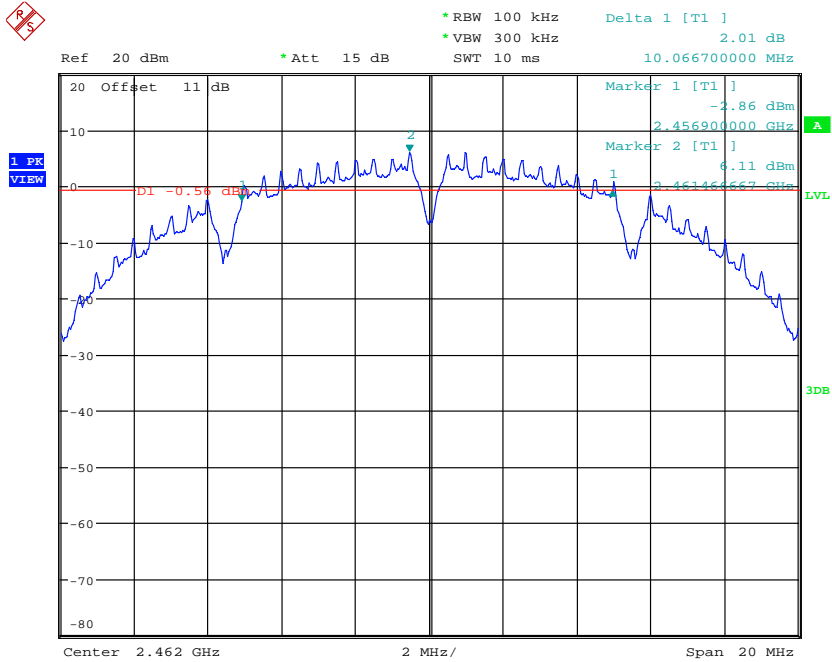
6DB BANDWIDTH 802.11B CH01
Date: 11.APR.2023 19:07:08



6DB BANDWIDTH 802.11B CH06
Date: 11.APR.2023 19:07:56

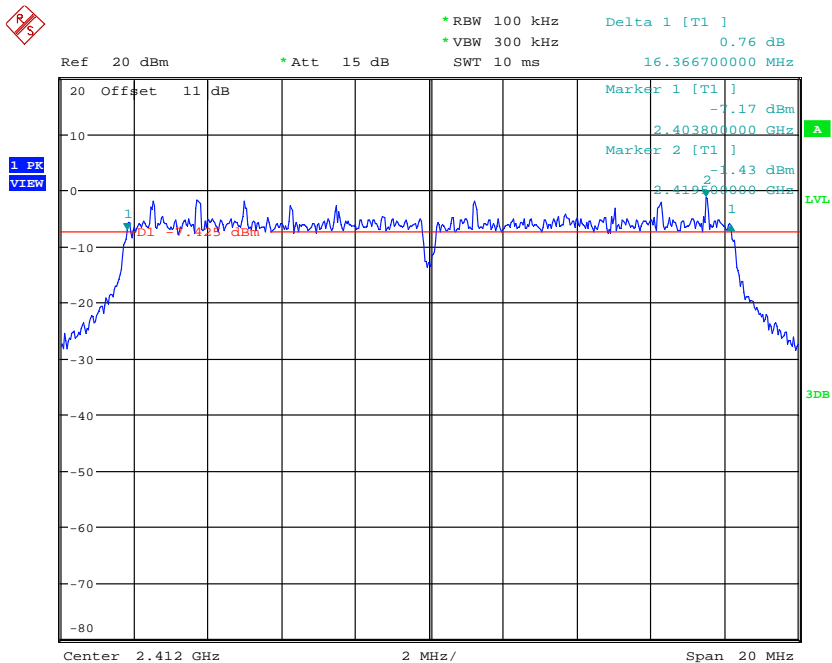


Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



6DB BANDWIDTH 802.11B CH11
Date: 11.APR.2023 19:08:41

802.11g

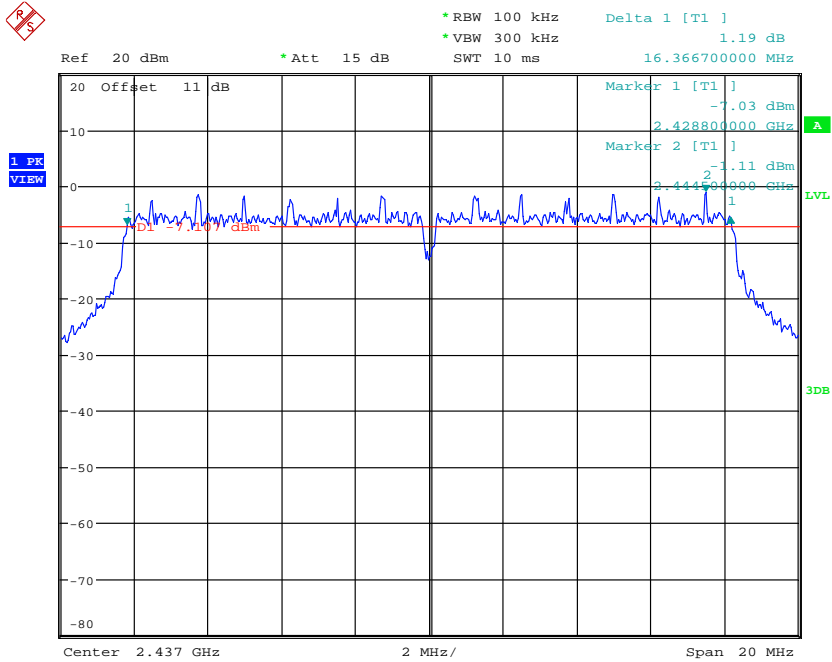


6DB BANDWIDTH 802.11G CH01
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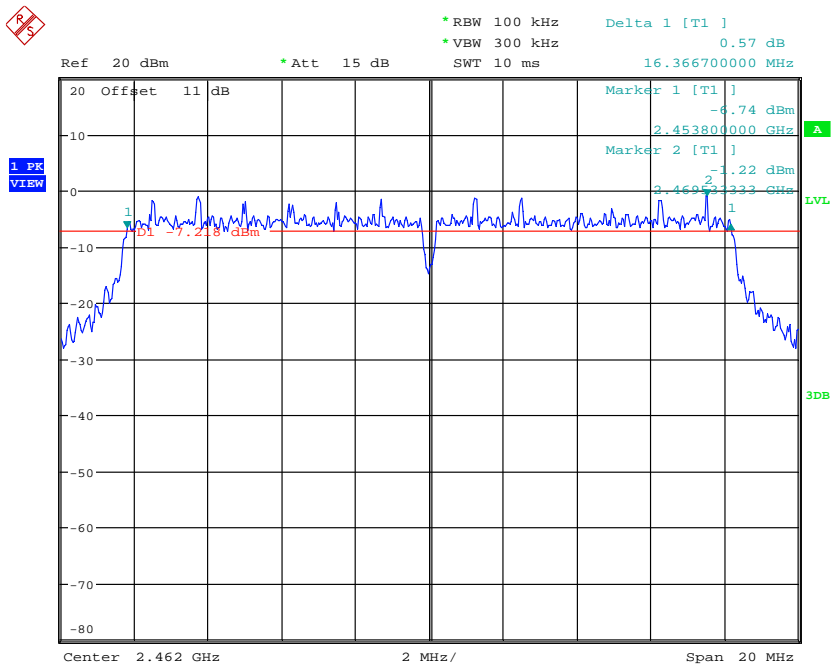


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



6DB BANDWIDTH 802.11G CH06
Date: 11.APR.2023 20:36:38



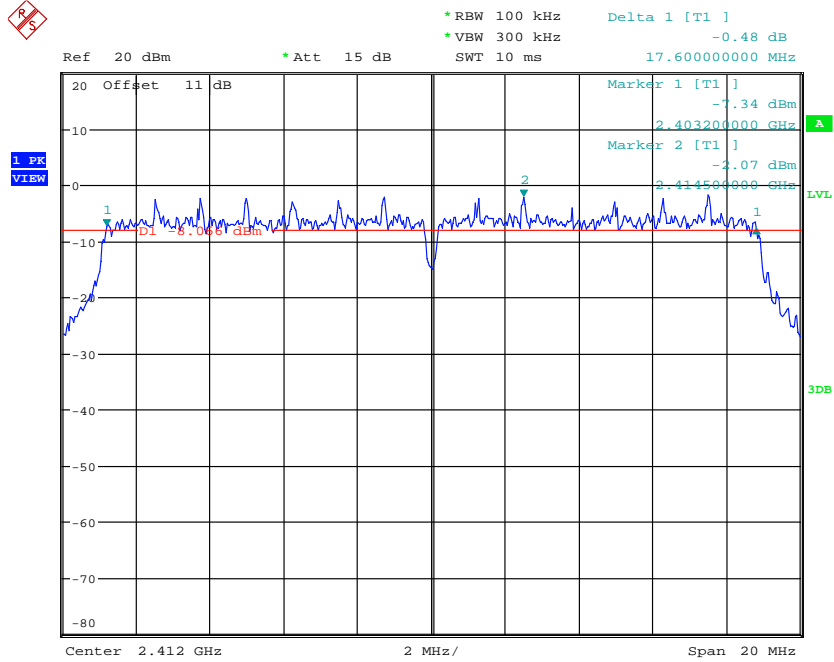
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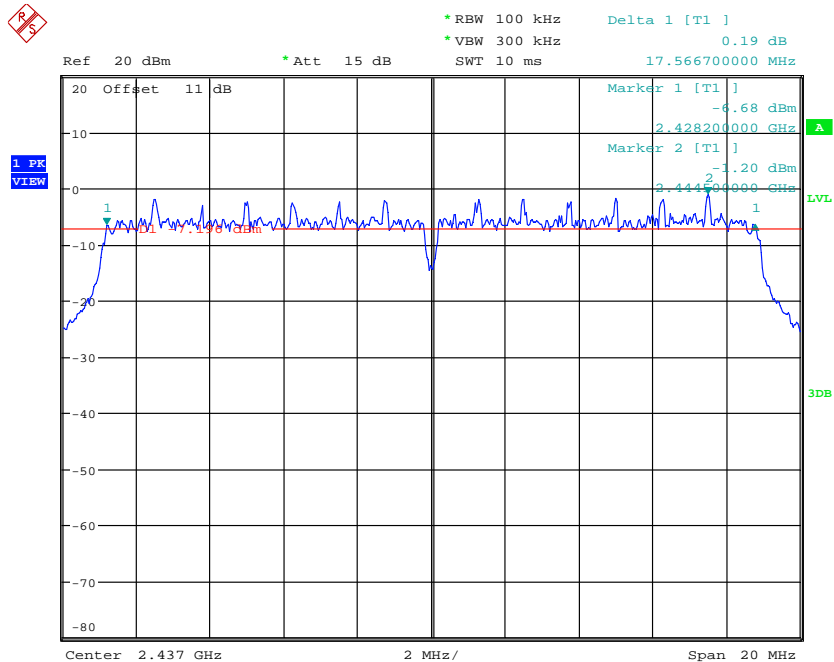
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

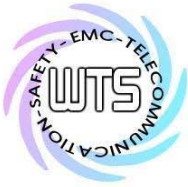
802.11n 20MHz



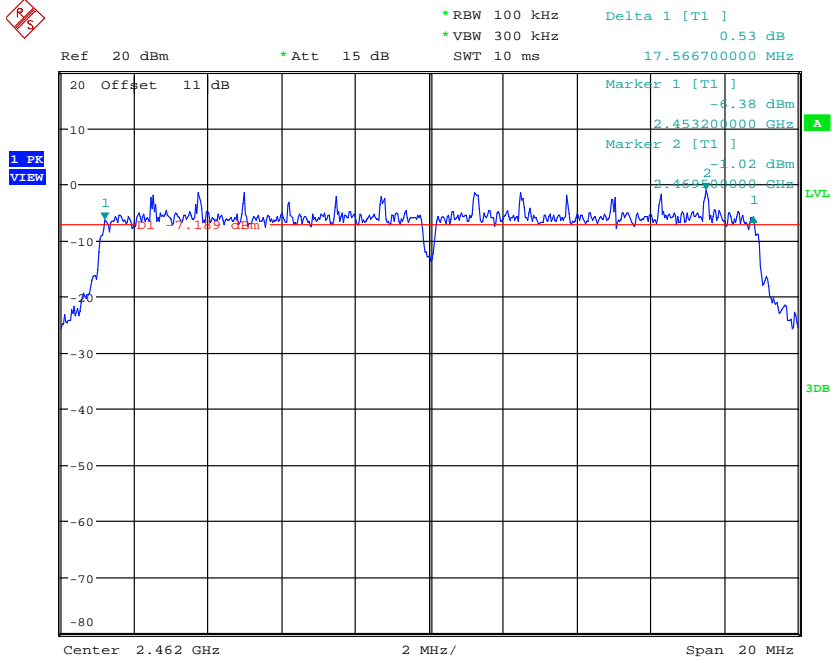
6DB BANDWIDTH 802.11N 20MHZ CH1
Date: 11.APR.2023 20:38:24



6DB BANDWIDTH 802.11N 20MHZ CH6
Date: 11.APR.2023 20:39:18



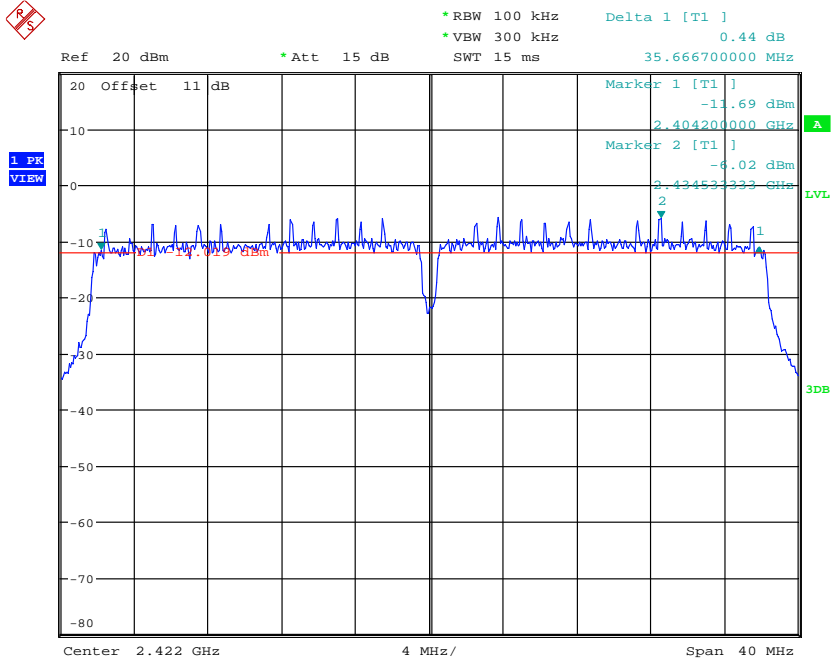
Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



6DB BANDWIDTH 802.11N 20MHZ CH11

Date: 11.APR.2023 20:40:01

802.11n 40MHz



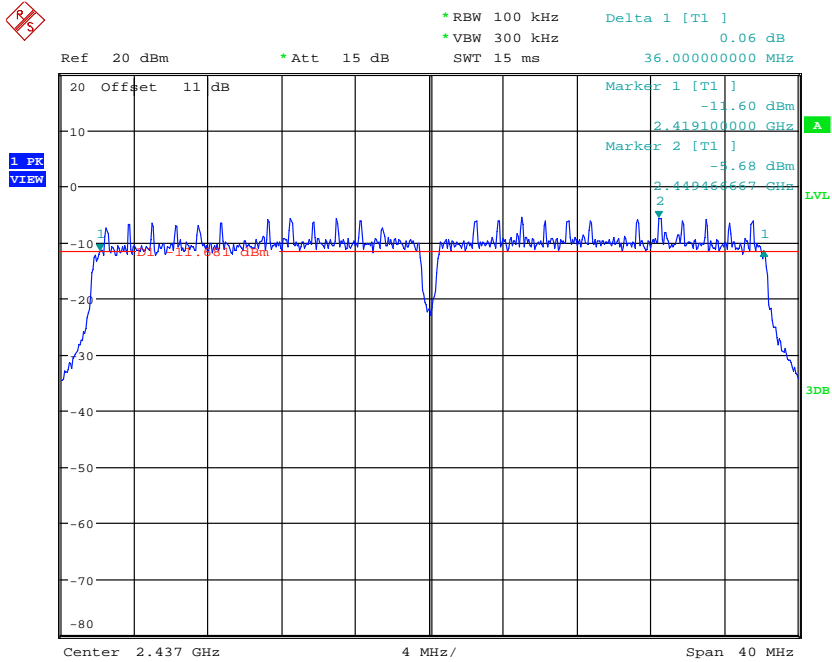
6DB BANDWIDTH 802.11N 40MHZ CH1

Date: 11.APR.2023 20:40:45



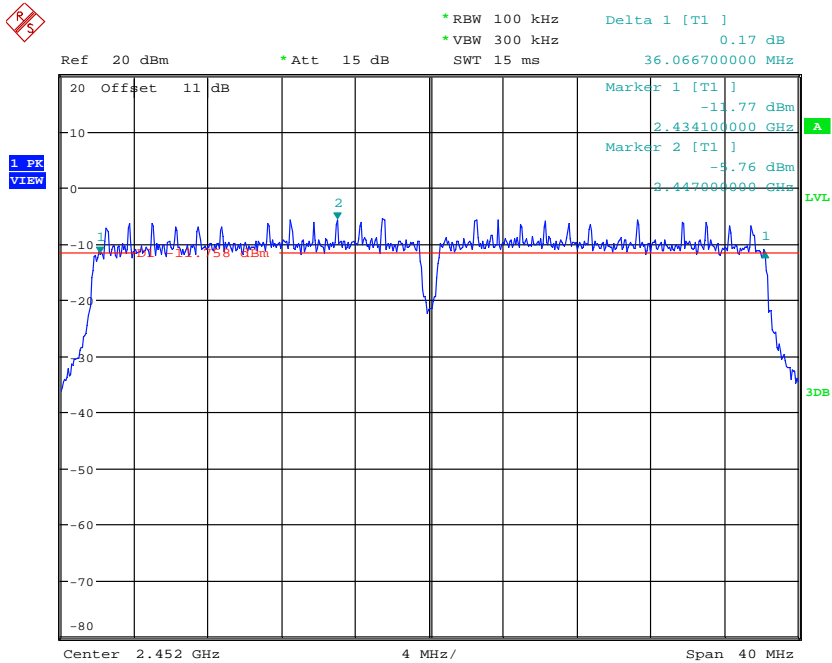
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



6DB BANDWIDTH 802.11N 40MHZ CH4

Date: 11.APR.2023 20:42:59



6DB BANDWIDTH 802.11N 40MHZ CH7

Date: 11.APR.2023 20:43:43

Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

3.5 Peak Power Spectral Density

3.5.1 Applicable Standard

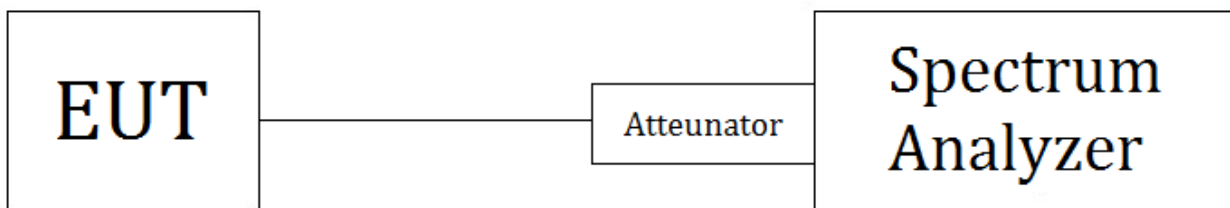
FCC Rules: 15.247(e)

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

3.5.2 Test procedure

1. Set the RBW to $3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$, the VBW $\geq [3 \times \text{RBW}]$.
2. Set Detector = peak , Sweep time = auto couple , Trace mode = max hold and allow trace to fully stabilize
3. Use the peak marker function to determine the maximum amplitude level within the RBW.

3.5.3 Test setup





Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

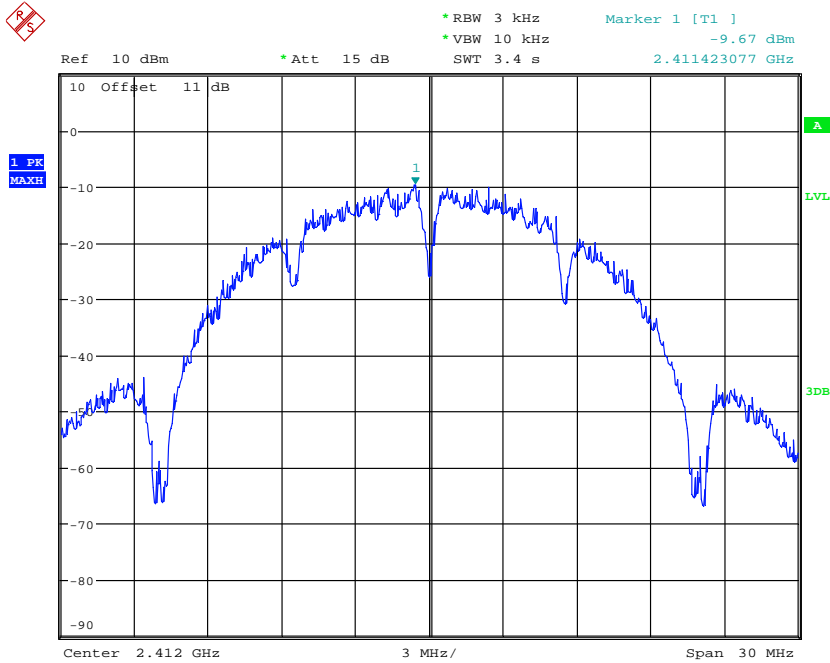
3.5.4 Test results

Test date : 2023-04-11
802.11b

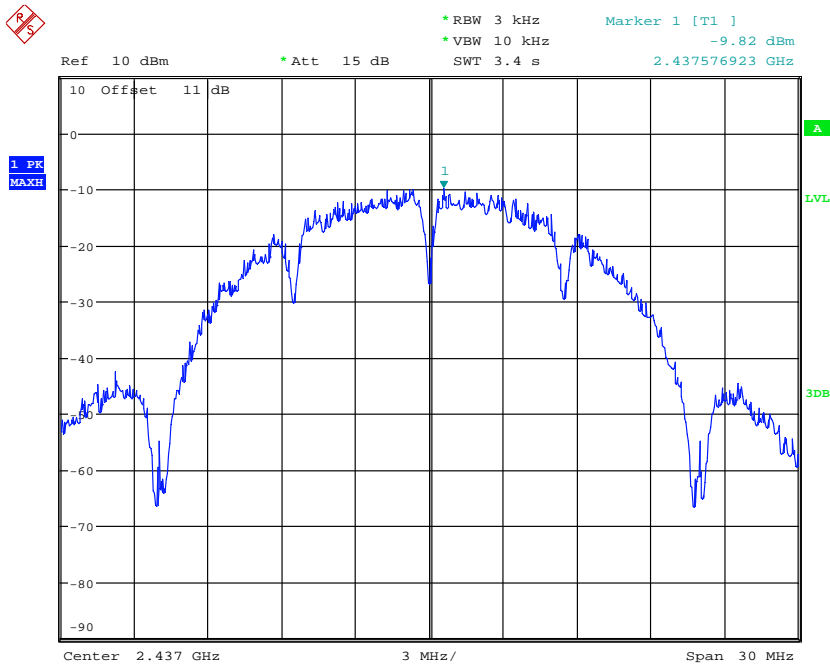
Temperature: 21.3°C

Humidity: 58.6 %

Tester : Rick



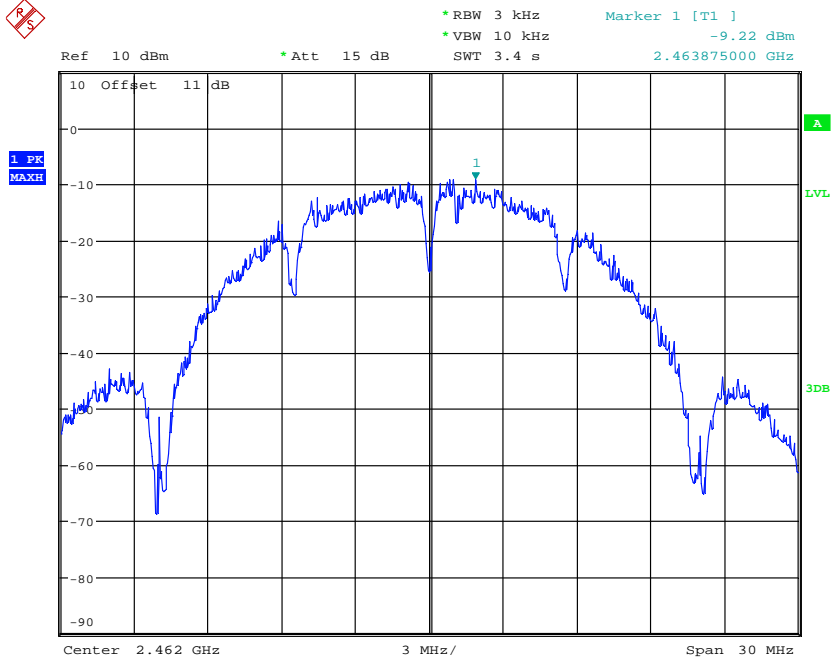
POWER DENSITY 802.11B CH01
Date: 11.APR.2023 19:07:16



POWER DENSITY 802.11B CH06
Date: 11.APR.2023 19:08:04

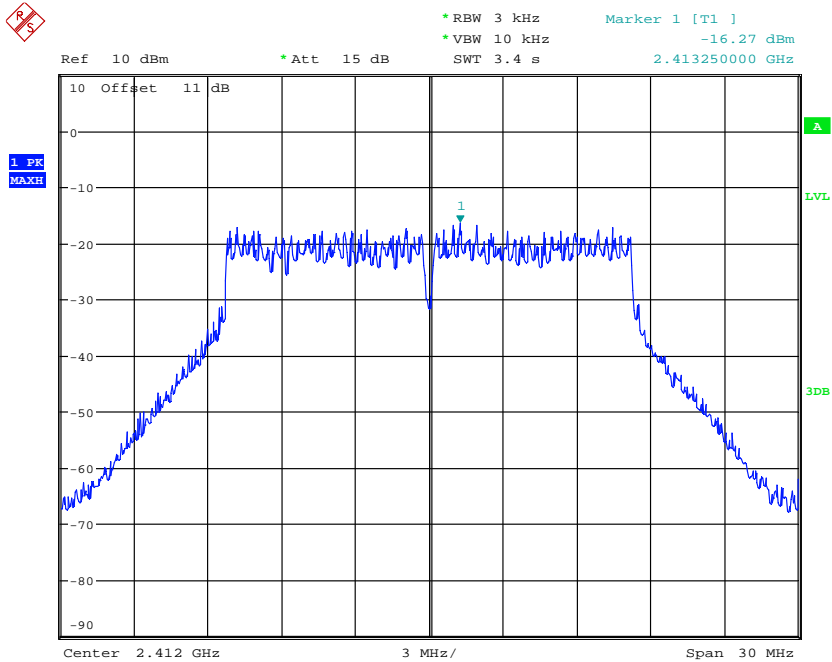


Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



POWER DENSITY 802.11B CH11
Date: 11.APR.2023 19:08:49

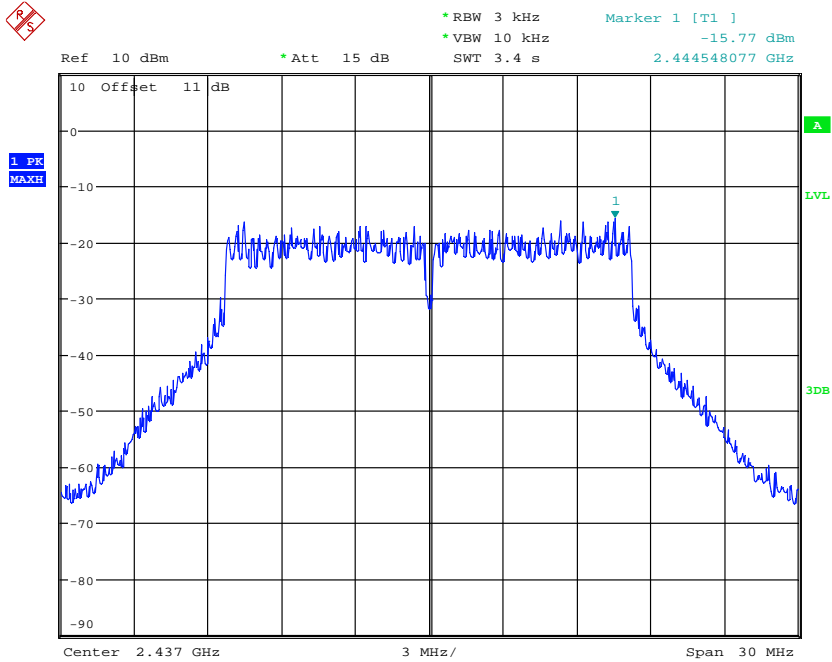
802.11g



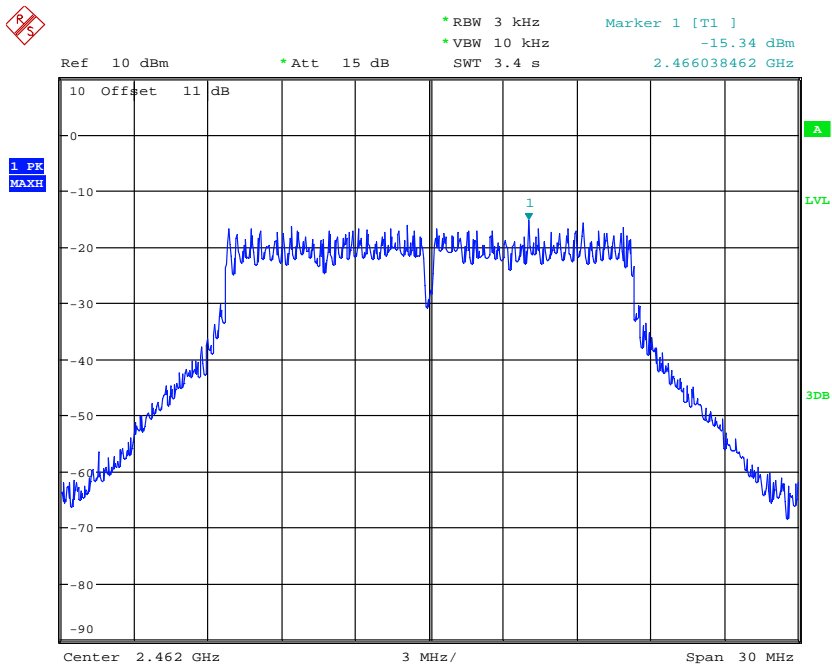
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Date: 11.APR.2023 20:35:51



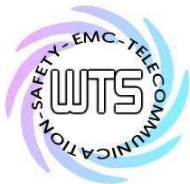
Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



POWER DENSITY 802.11G CH06
Date: 11.APR.2023 20:36:46



POWER DENSITY 802.11G CH11
Date: 11.APR.2023 20:37:36

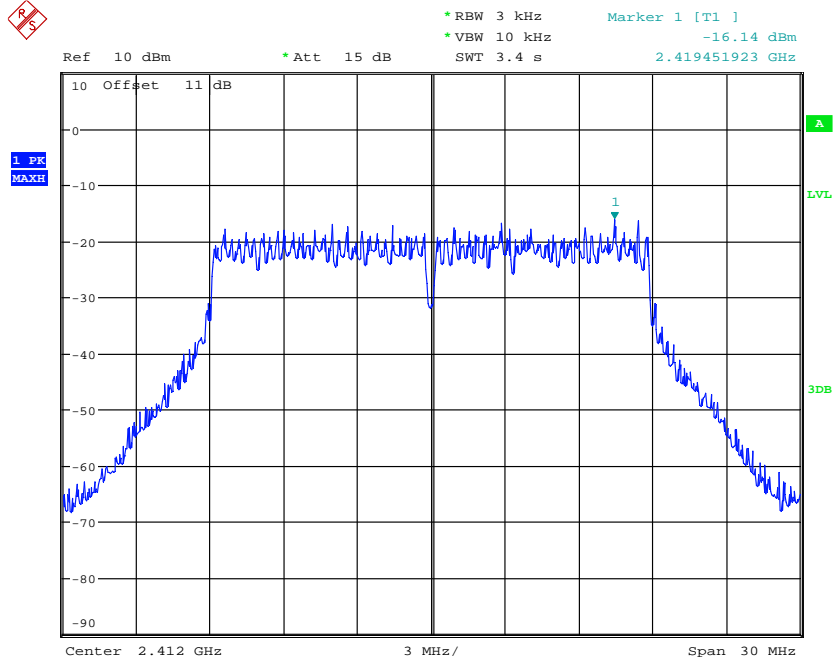


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22302-22480-C-1

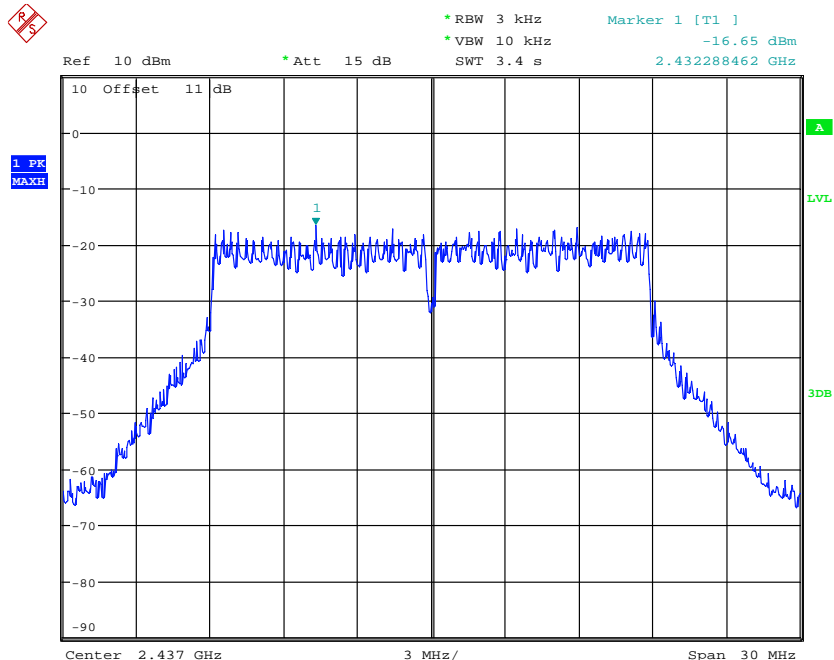
FCC ID: GX9HSGWCATM1

802.11n 20MHz



POWER DENSITY 802.11N 20MHZ CH1

Date: 11.APR.2023 20:38:32

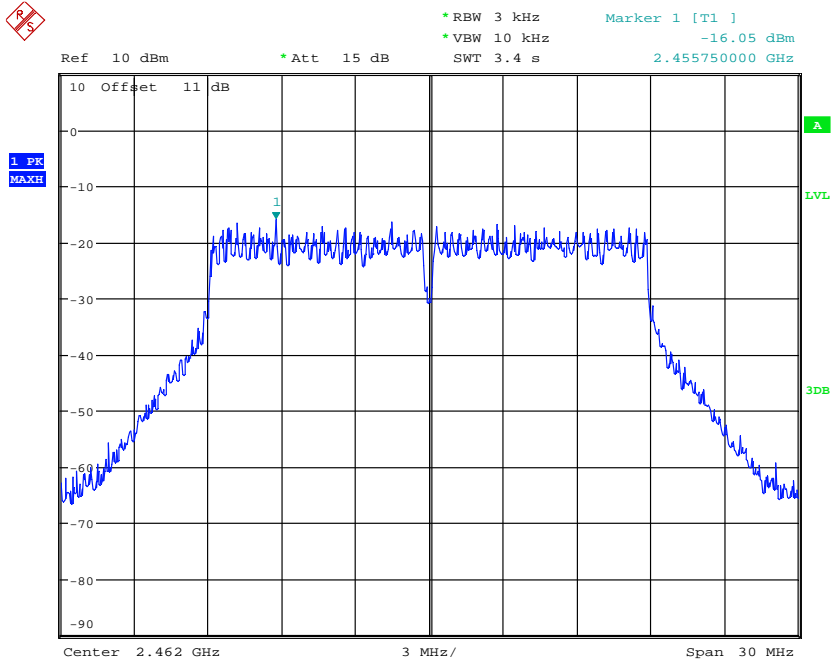


POWER DENSITY 802.11N 20MHZ CH6

Date: 11.APR.2023 20:39:26



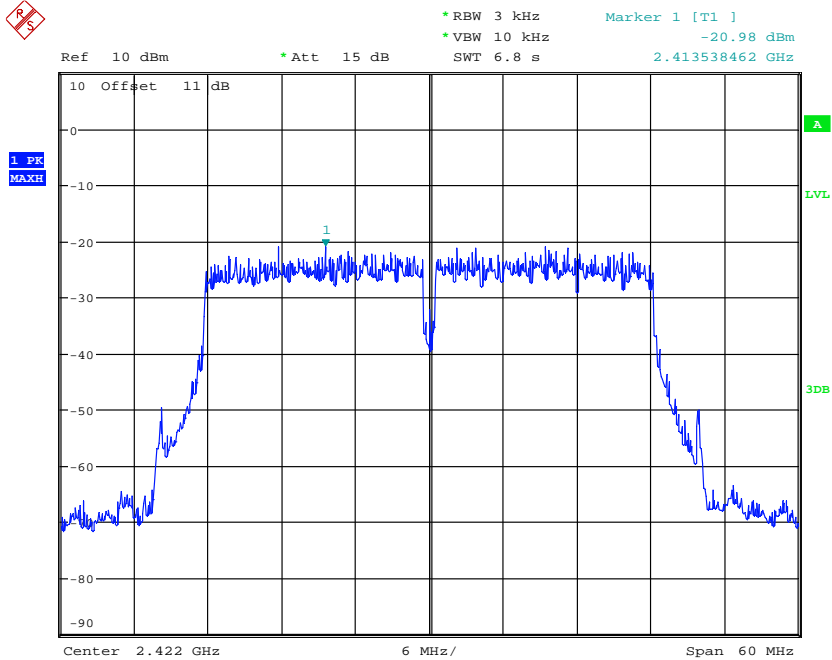
Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



POWER DENSITY 802.11N 20MHZ CH11

Date: 11.APR.2023 20:40:09

802.11n 40MHz



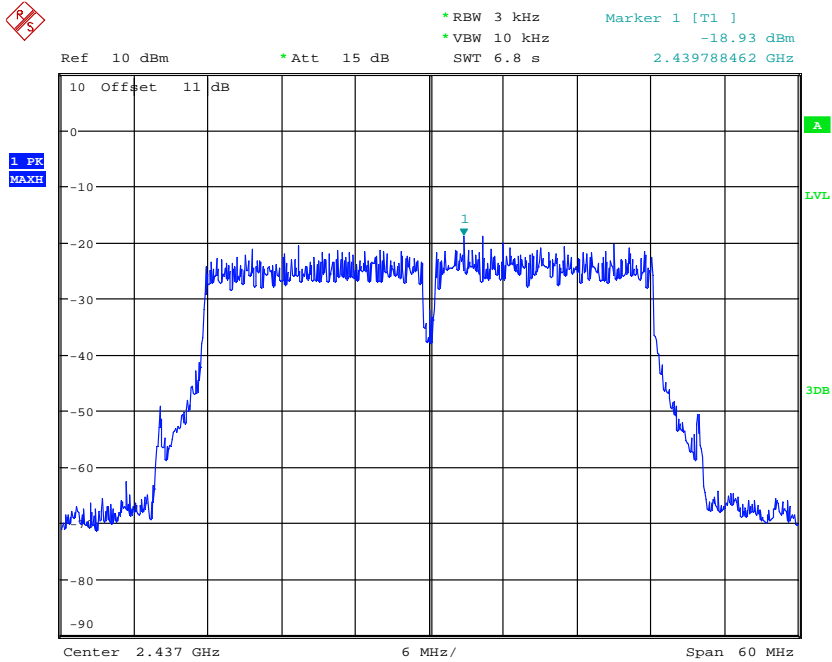
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Date: 11.APR.2023 20:41:00

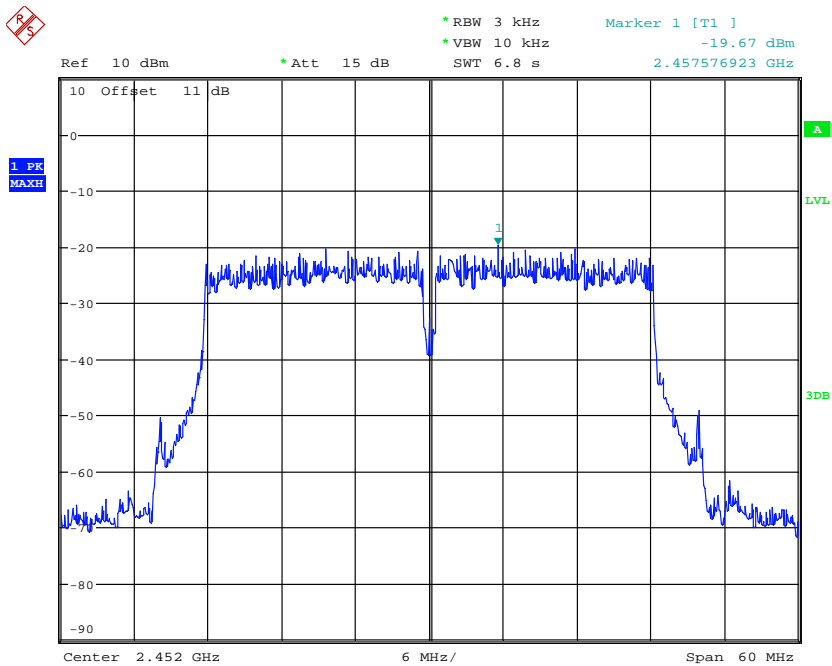


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1



POWER DENSITY 802.11N 40MHZ CH4
Date: 11.APR.2023 20:43:14



POWER DENSITY 802.11N 40MHZ CH7
Date: 11.APR.2023 20:43:58

Registration number: W6M22302-22480-C-1
 FCC ID: GX9HSGWCATM1

3.6 Power Line Conducted Emission

3.6.1 Applicable Standard

FCC Rules:15.207(a)

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.

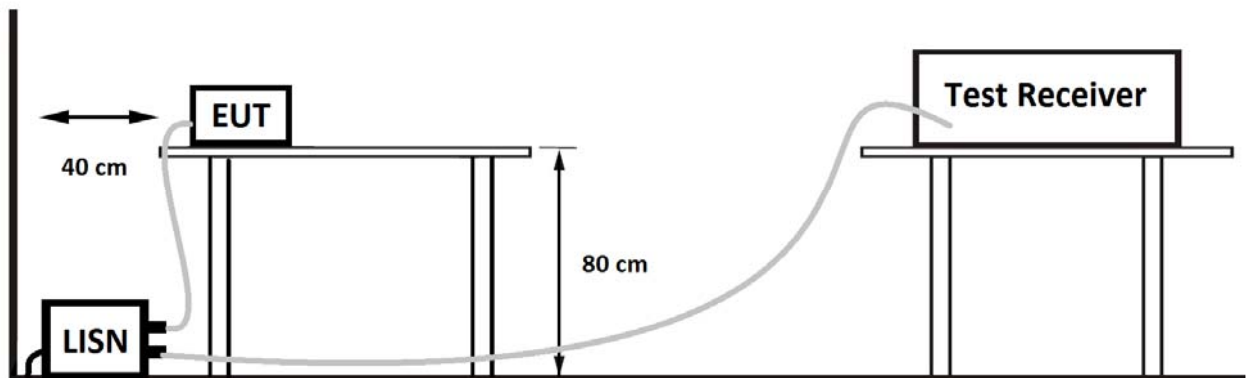
3.6.2 Limits

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

3.6.3 Test procedure

1. EUT is placed on a test table, raised 80 cm above the reference ground plane. The vertical conducting plane is located 40 cm to the rear of the device.
2. Connect EUT to a 50 μ H/50 ohms line impedance stabilization network (LISN). AC input is 120V/60Hz
3. 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.

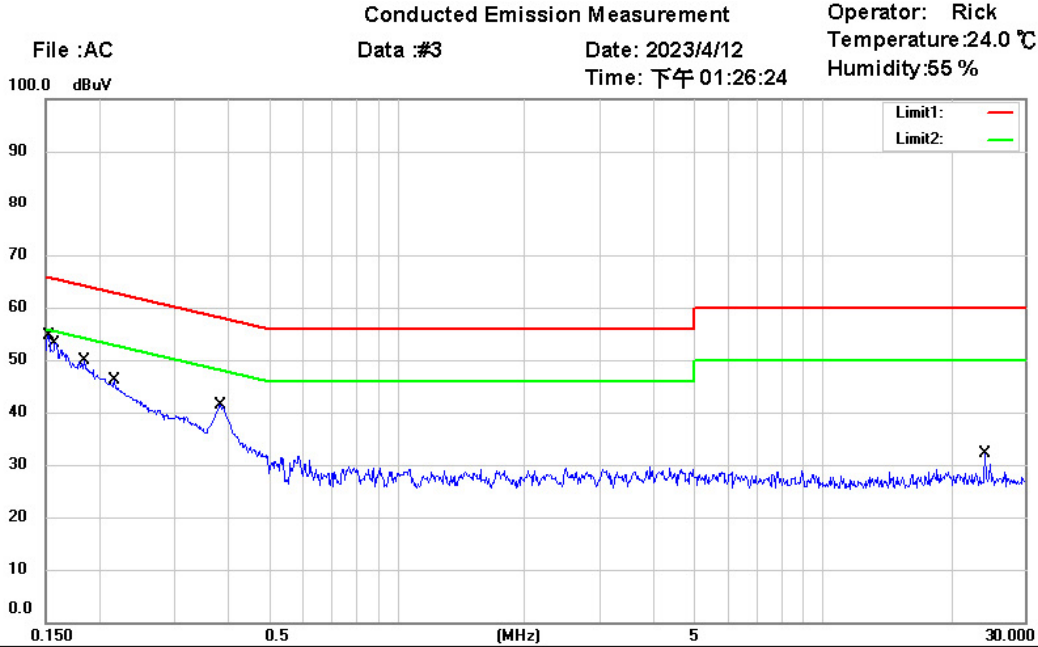
3.6.4 Test setup





Registration number: W6M22302-22480-C-1
 FCC ID: GX9HSGWCATM1

3.6.5 Test results (With Environmental Conditions)



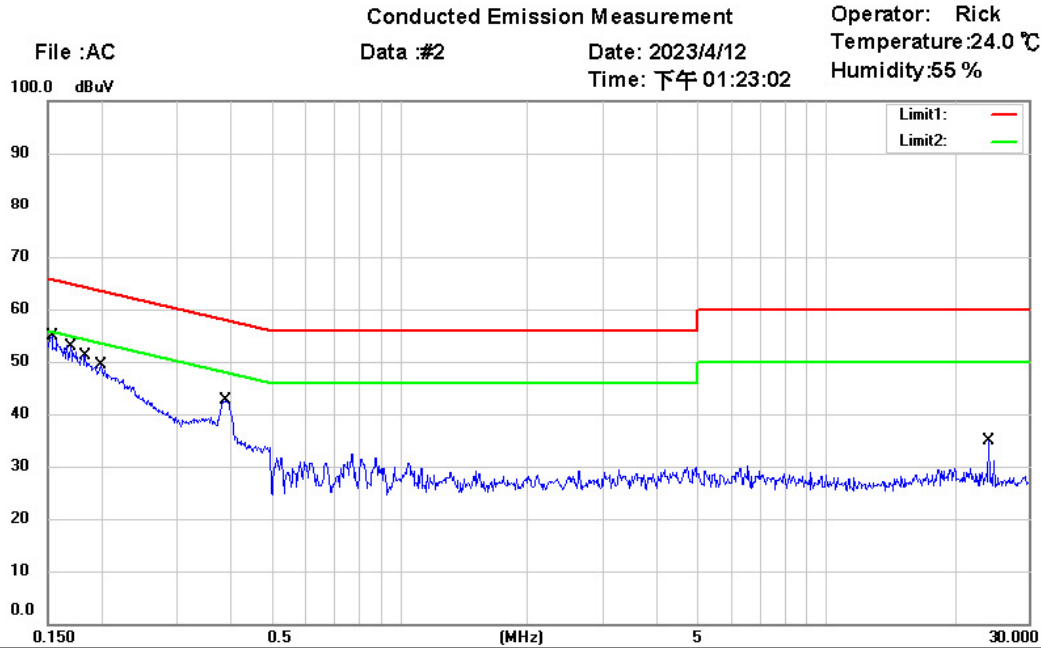
Site : Chamber_03
 Condition : FCC Part 15 Class B Conduction (QP) Phase: N
 EUT : W6M22302-22480 Power : 120Va.c.
 M/N:
 Test Mode :
 Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1518	37.37	QP	9.59	46.96	65.90	-18.94	
	0.1518	22.79	AVG	9.59	32.38	55.90	-23.52	
	0.1568	36.29	QP	9.59	45.88	65.63	-19.75	
	0.1568	23.75	AVG	9.59	33.34	55.63	-22.29	
	0.1840	33.79	QP	9.59	43.38	64.30	-20.92	
	0.1840	22.03	AVG	9.59	31.62	54.30	-22.68	
	0.2165	29.78	QP	9.59	39.37	62.95	-23.58	
	0.2165	10.89	AVG	9.59	20.48	52.95	-32.47	
	0.3833	25.81	QP	9.64	35.45	58.21	-22.76	
	0.3833	18.50	AVG	9.64	28.14	48.21	-20.07	
	24.0000	14.71	QP	10.08	24.79	60.00	-35.21	
	24.0000	13.10	AVG	10.08	23.18	50.00	-26.82	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22302-22480-C-1
 FCC ID: GX9HSGWCATM1



Site : Chamber_03
 Condition : FCC Part 15 Class B Conduction (QP) Phase: L1
 EUT : W6M22302-22480 Power : 120V.a.c.
 M/N:
 Test Mode :
 Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1530	38.49	QP	9.63	48.12	65.84	-17.72	
	0.1530	23.75	AVG	9.63	33.38	55.84	-22.46	
	0.1686	36.89	QP	9.63	46.52	65.03	-18.51	
	0.1686	18.03	AVG	9.63	27.66	55.03	-27.37	
	0.1833	34.71	QP	9.63	44.34	64.33	-19.99	
	0.1833	20.84	AVG	9.63	30.47	54.33	-23.86	
	0.1988	32.39	QP	9.63	42.02	63.66	-21.64	
	0.1988	13.13	AVG	9.63	22.76	53.66	-30.90	
	0.3911	28.03	QP	9.67	37.70	58.04	-20.34	
	0.3911	16.46	AVG	9.67	26.13	48.04	-21.91	
	24.0000	17.97	QP	10.19	28.16	60.00	-31.84	
	24.0000	14.46	AVG	10.19	24.65	50.00	-25.35	

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



Registration number: W6M22302-22480-C-1
FCC ID: GX9HSGWCATM1

Appendix

Measurement diagrams

Spurious Emissions radiated



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

Radiated Emission Measurement

Operator: Eason

File :1_WiFi 2

Data :#1

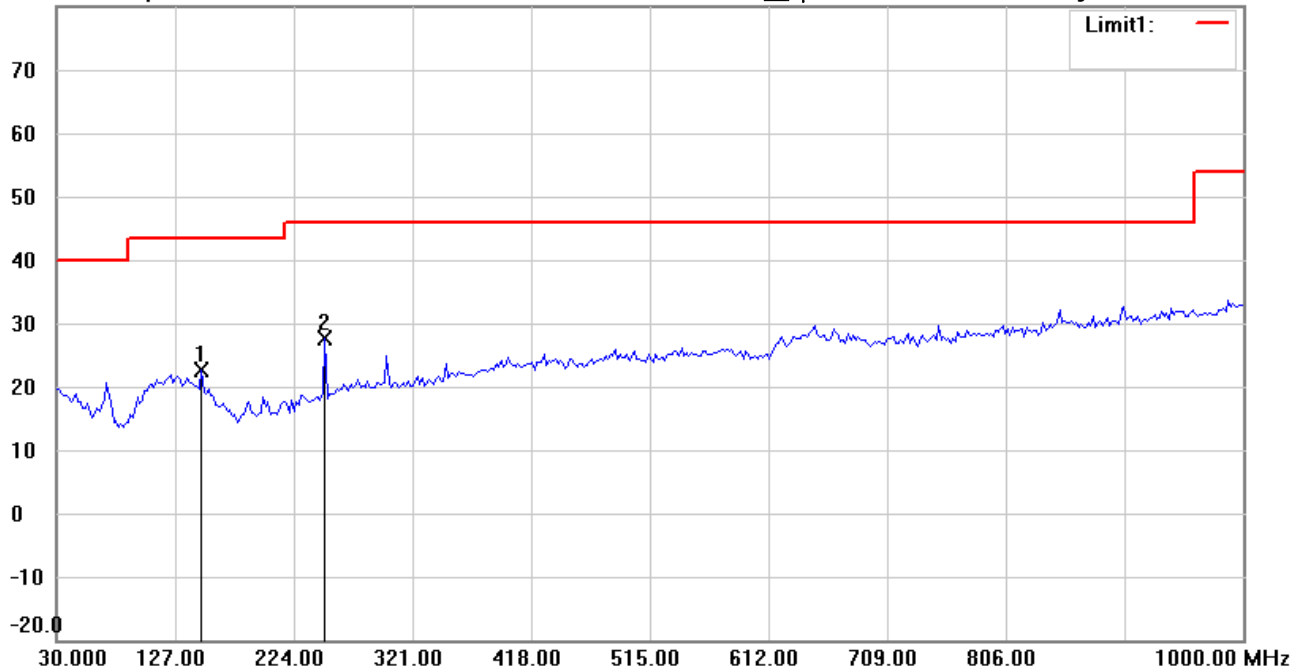
Date: 2023/3/2

Temperature:22.0 °C

80.0 dBuV/m

Time: 上午 02:01:47

Humidity:58.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	148.5772	29.99	peak	-7.43	22.56	43.50	100	249	-20.94	
*	249.6593	35.32	peak	-7.70	27.62	46.00	100	135	-18.38	

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



Radiated Emission Measurement

Operator: Eason

File :1_WiFi 2

Data :#2

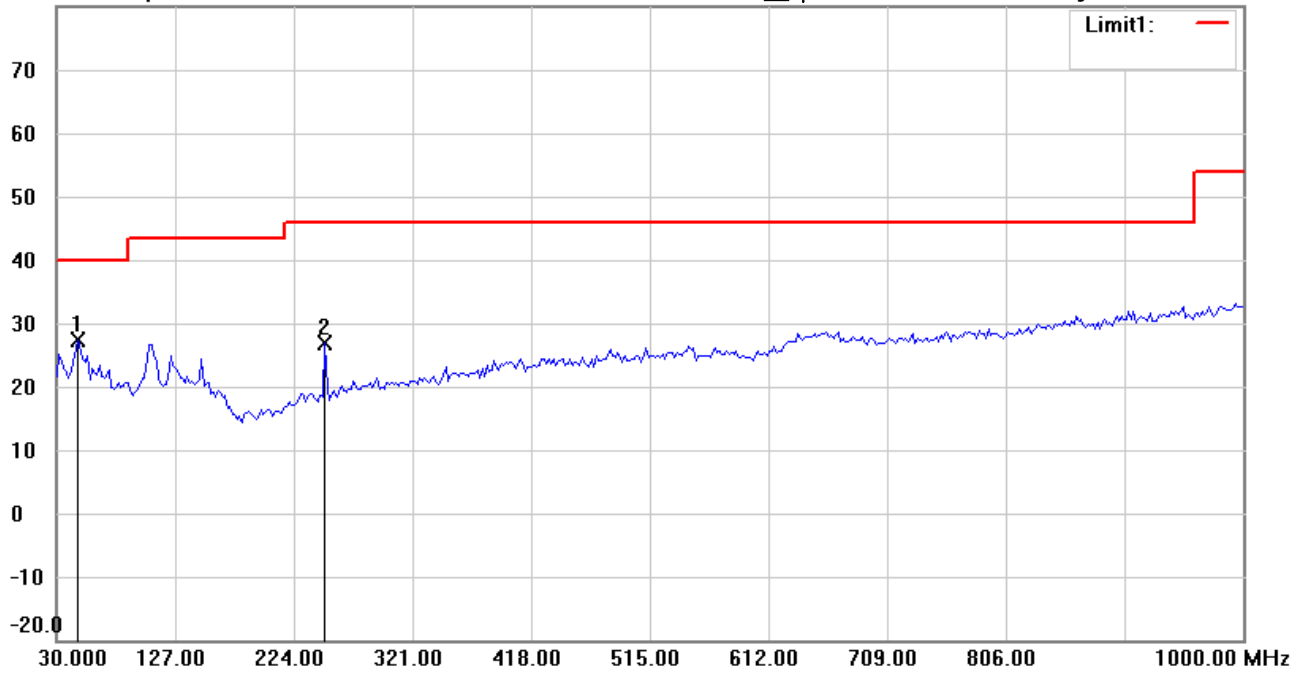
Date: 2023/3/2

Temperature:22.0 °C

80.0 dBuV/m

Time: 上午 02:03:08

Humidity:58.8 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	47.4950	36.79	peak	-9.53	27.26	40.00	100	43	-12.74	
	249.6593	34.49	peak	-7.70	26.79	46.00	100	278	-19.21	



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: Eason

File :3

Data :#1

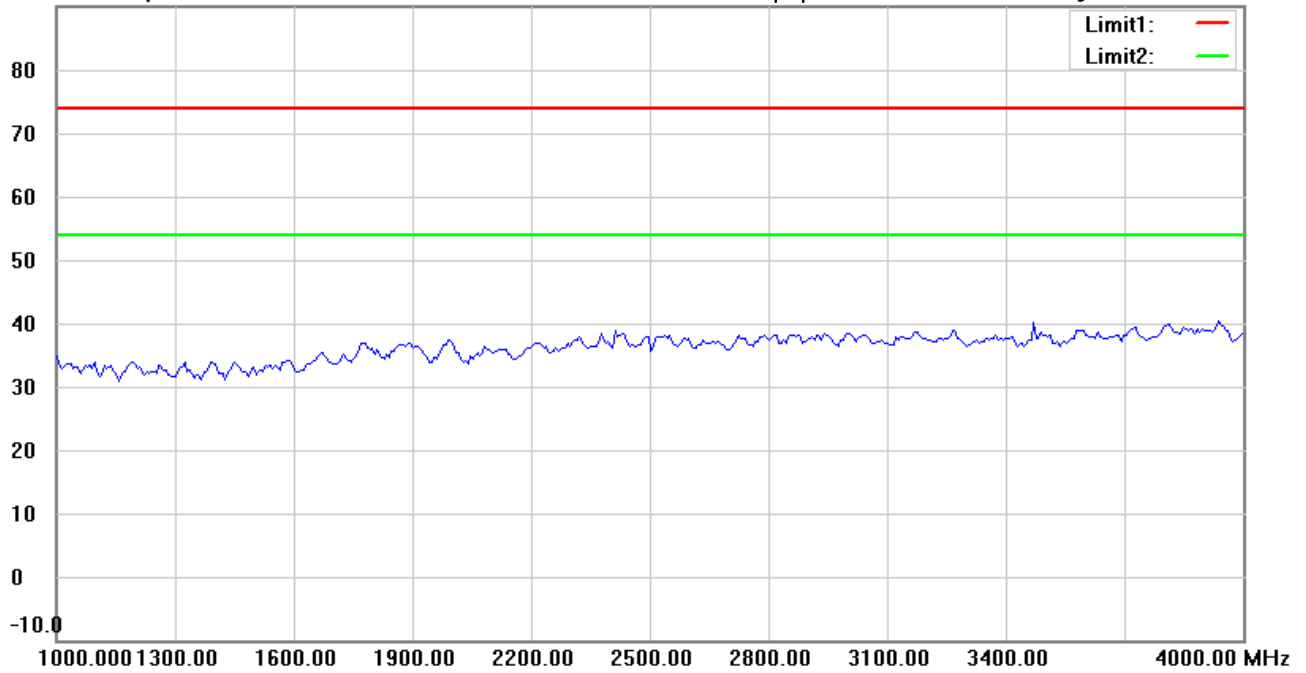
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 01:47:39

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

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



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

Radiated Emission Measurement

Operator: Eason

File :3

Data :#6

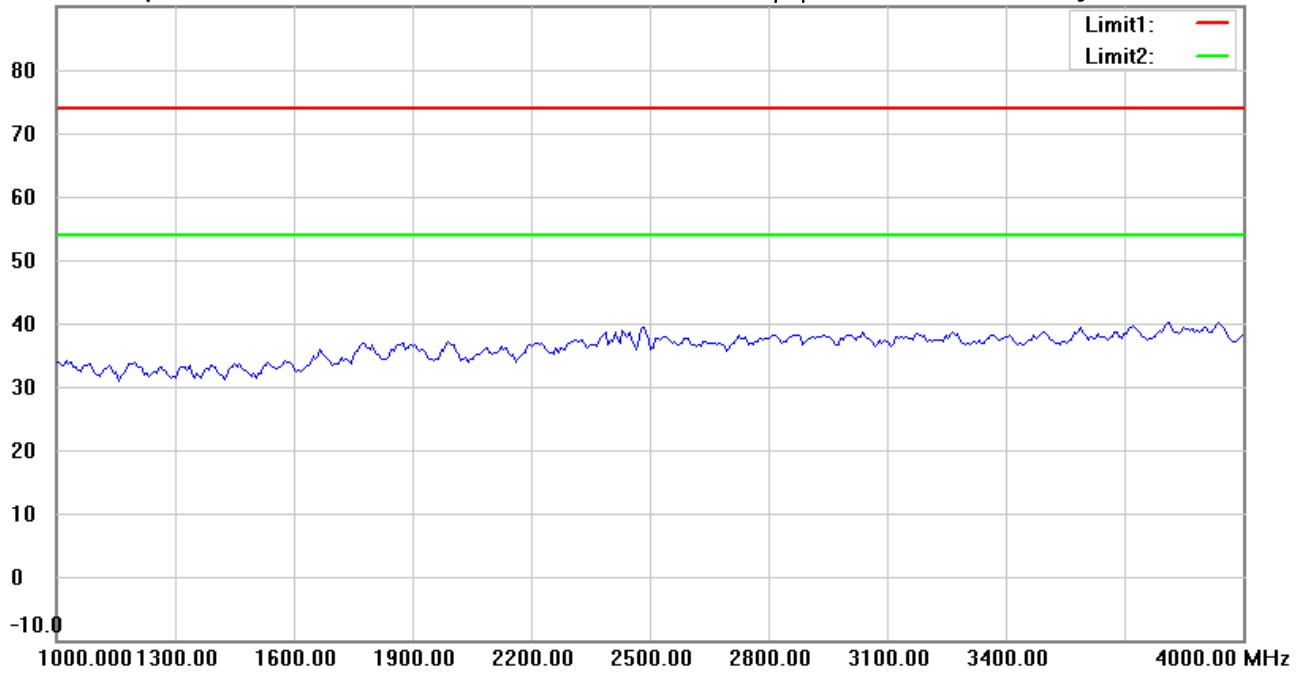
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 01:52:28

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

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

*: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: Eason

File :3

Data :#2

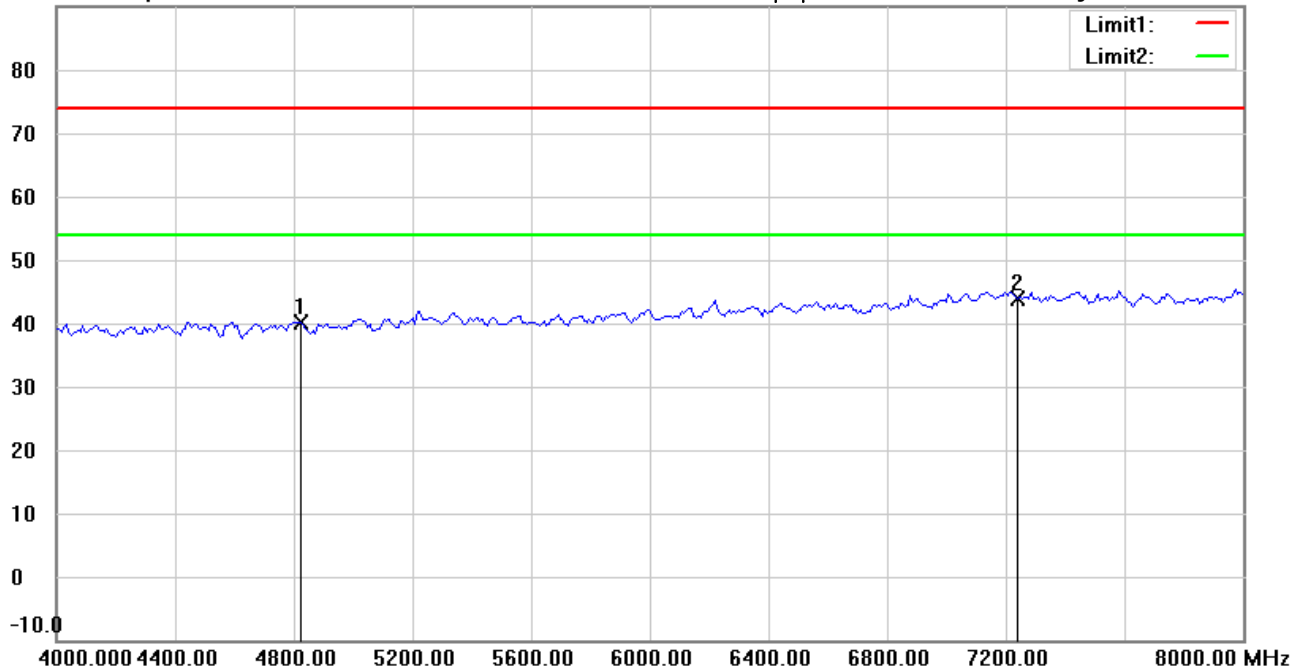
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 01:49:00

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Horizontal**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	41.87	peak	-1.65	40.22	74.00	150	70	-33.78	
*	7236.000	39.98	peak	3.93	43.91	74.00	150	66	-30.09	

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



Radiated Emission Measurement

Operator: Eason

File :3

Data :#7

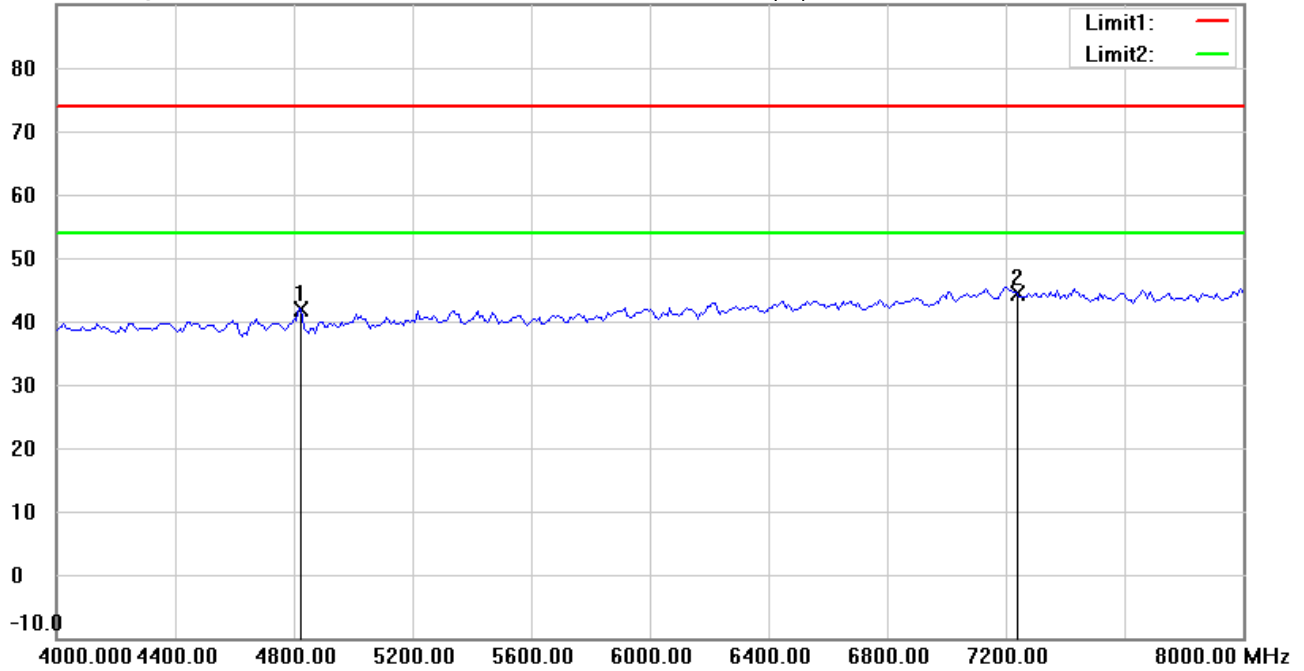
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 01:53:49

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	43.59	peak	-1.65	41.94	74.00	150	45	-32.06	
*	7236.000	40.41	peak	3.93	44.34	74.00	150	201	-29.66	



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: Eason

File :3

Data :#3

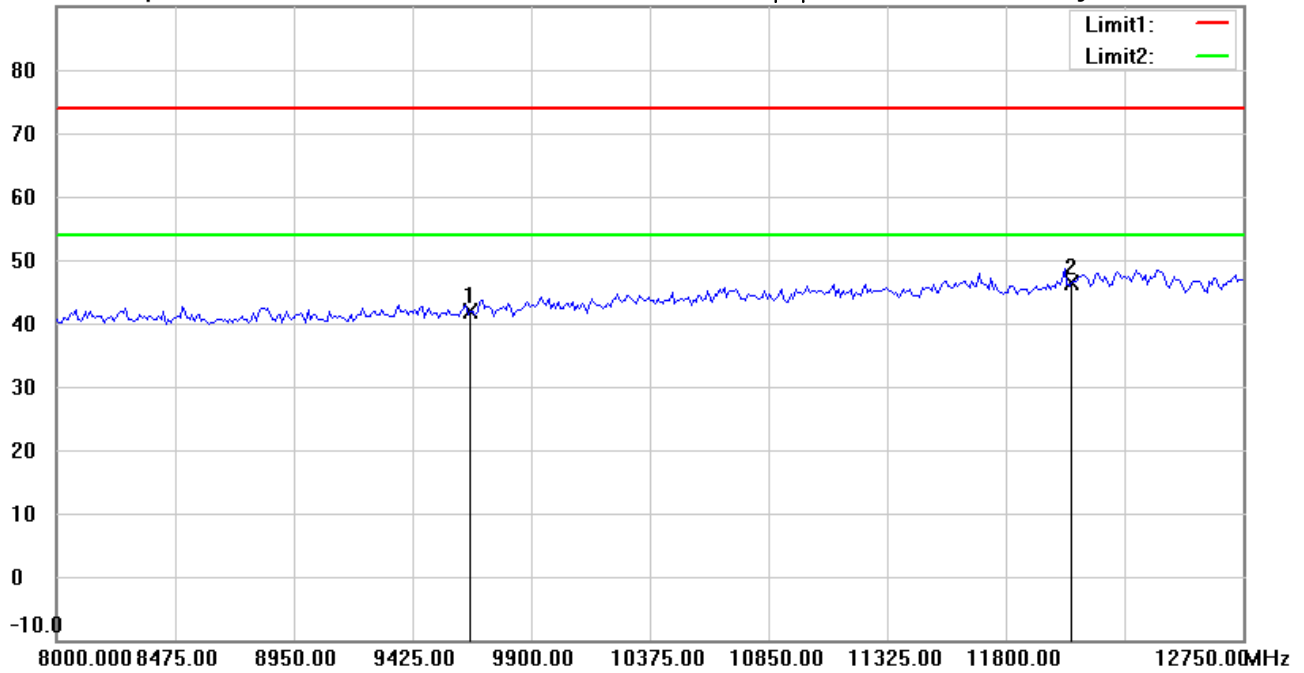
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 01:50:38

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	35.04	peak	6.81	41.85	74.00	150	221	-32.15	
*	12060.000	33.77	peak	12.53	46.30	74.00	150	56	-27.70	

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



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

Radiated Emission Measurement

Operator: Eason

File :3

Data :#8

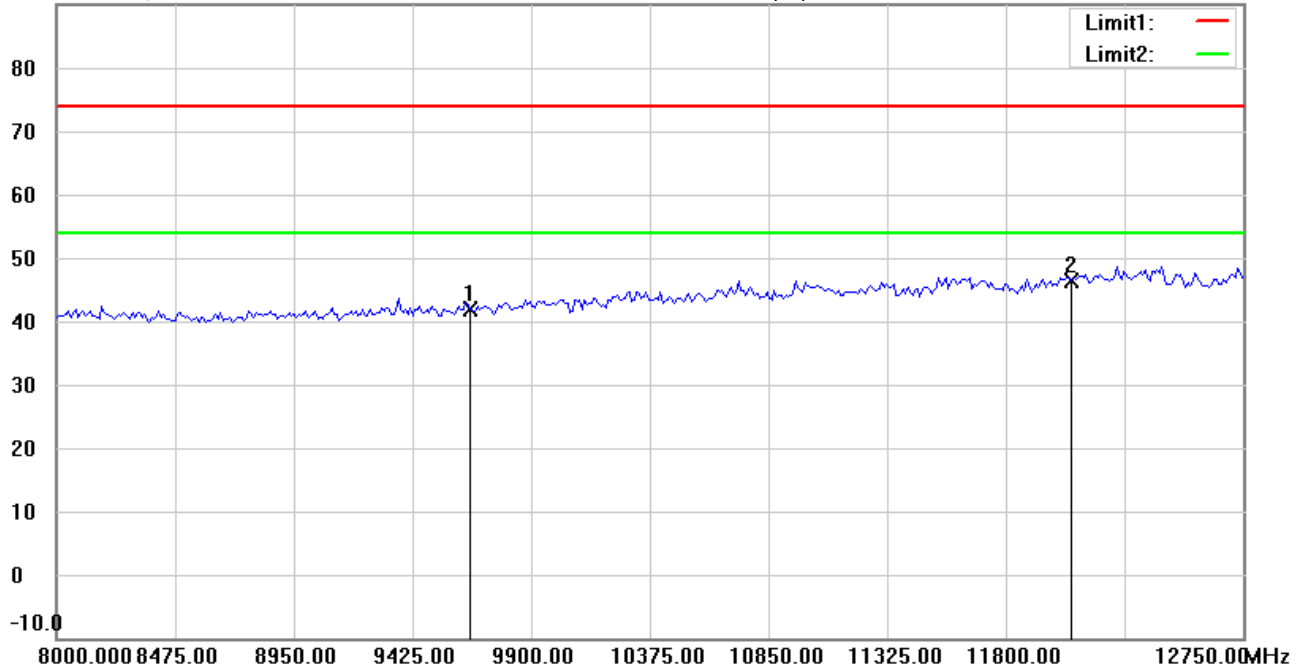
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 01:55:14

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	35.10	peak	6.81	41.91	74.00	150	159	-32.09	
*	12060.000	33.96	peak	12.53	46.49	74.00	150	102	-27.51	

*: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: Eason

File :3

Data :#4

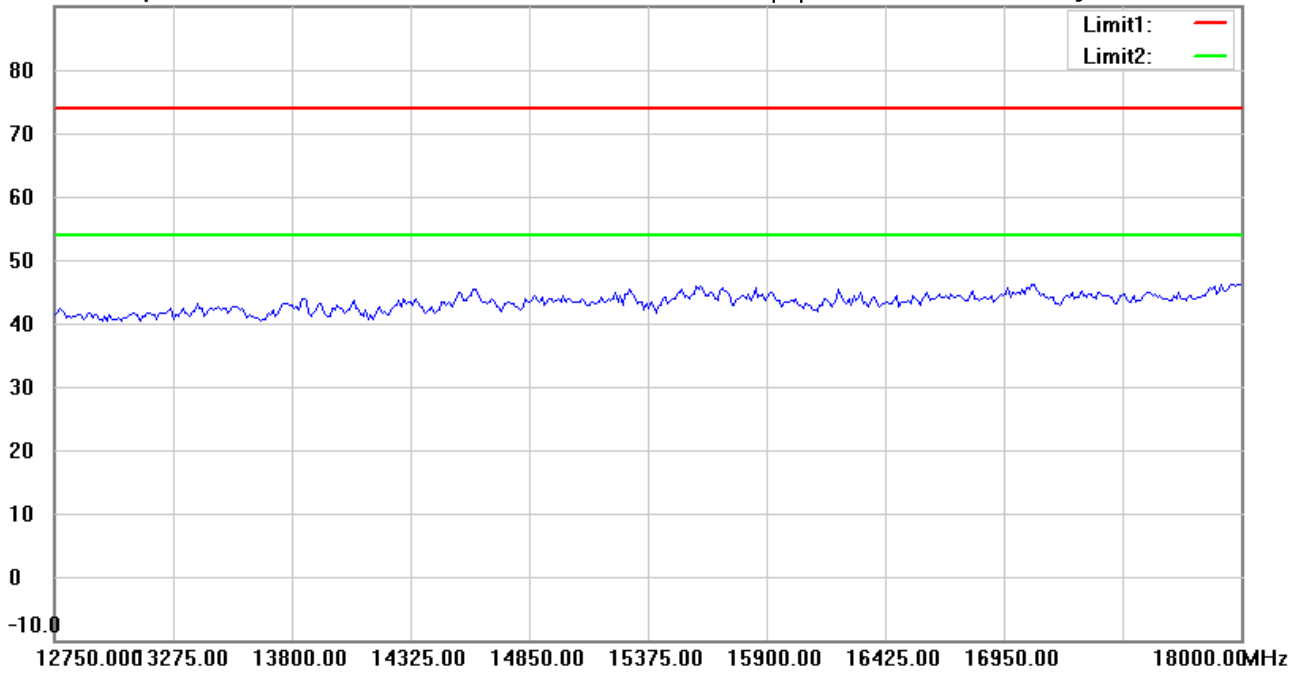
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 01:50:52

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

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

File :3

Data :#9

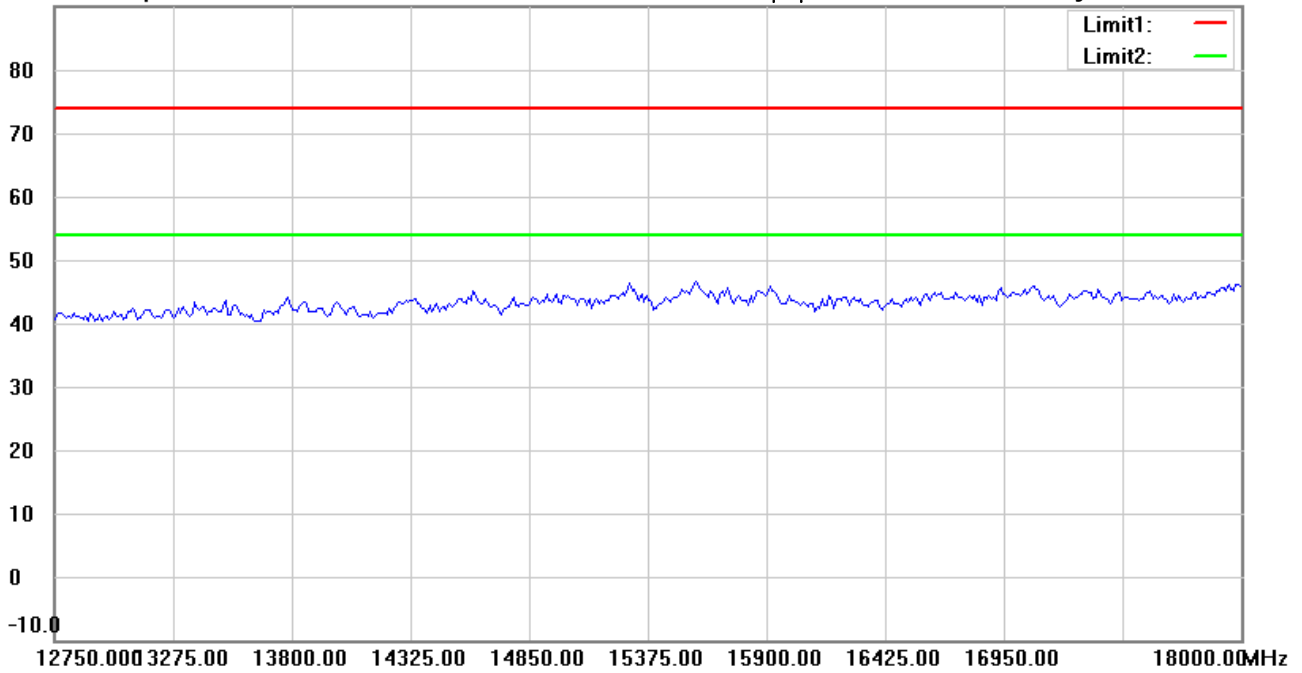
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 01:55:28

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

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



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

Radiated Emission Measurement

Operator: Eason

File :3

Data :#5

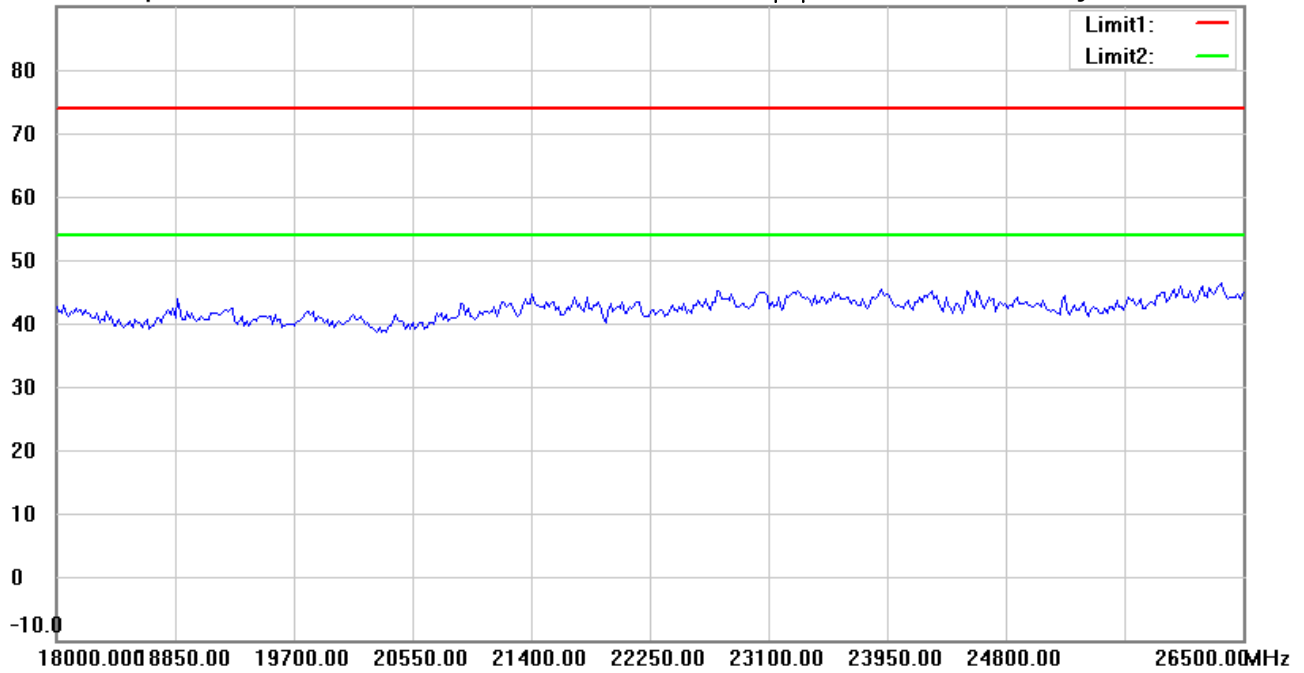
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 01:51:02

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

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

*: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: Eason

File :3

Data :#10

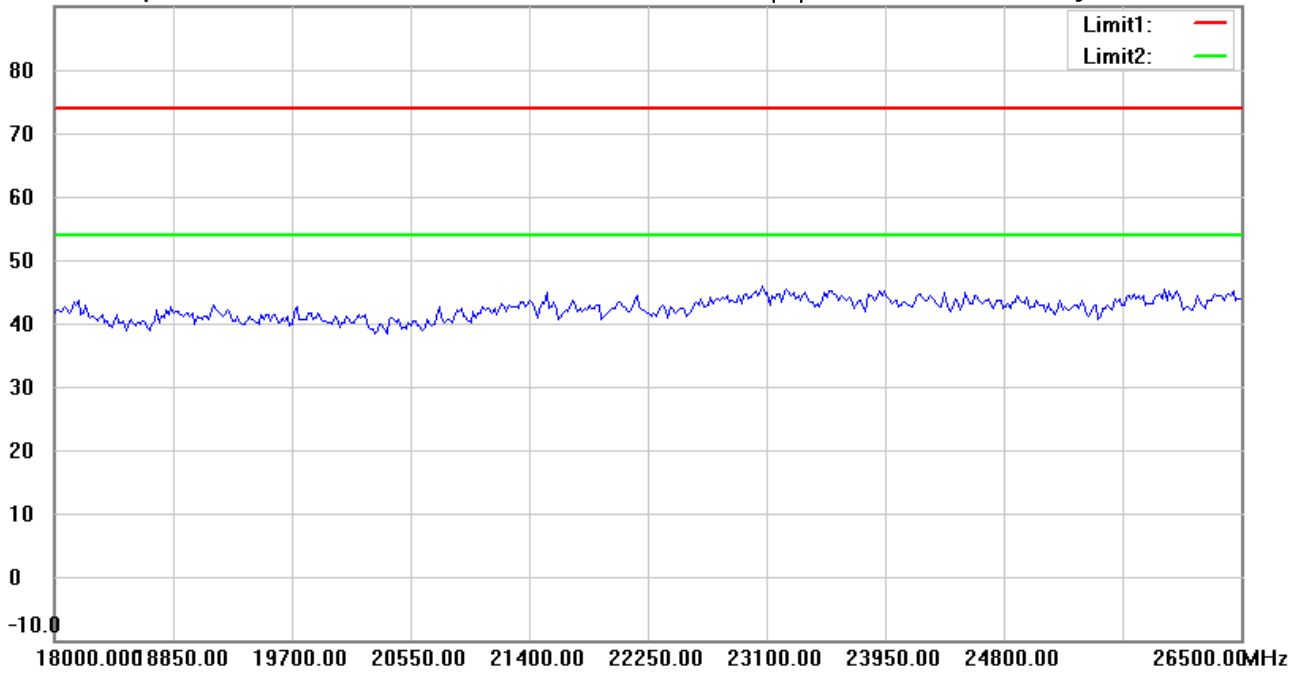
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 01:55:38

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

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

*: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: Eason

File :3

Data :#1

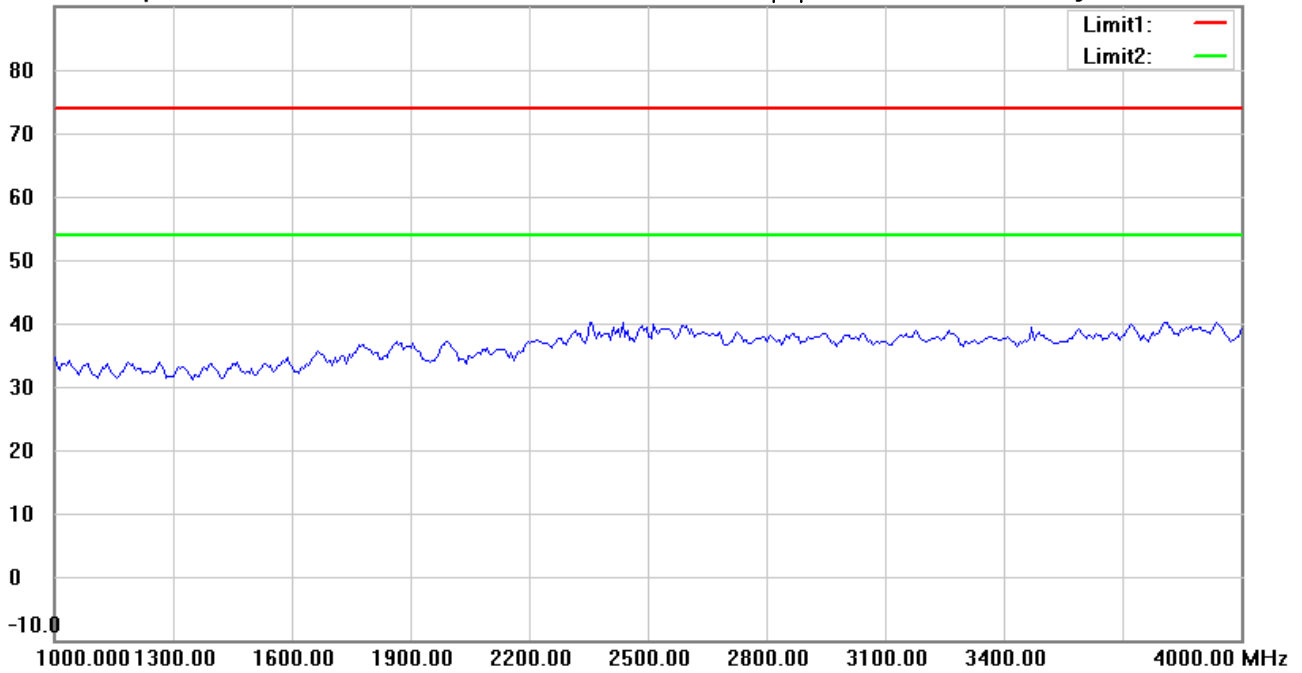
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:02:16

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

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

*: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: Eason

File :3

Data :#6

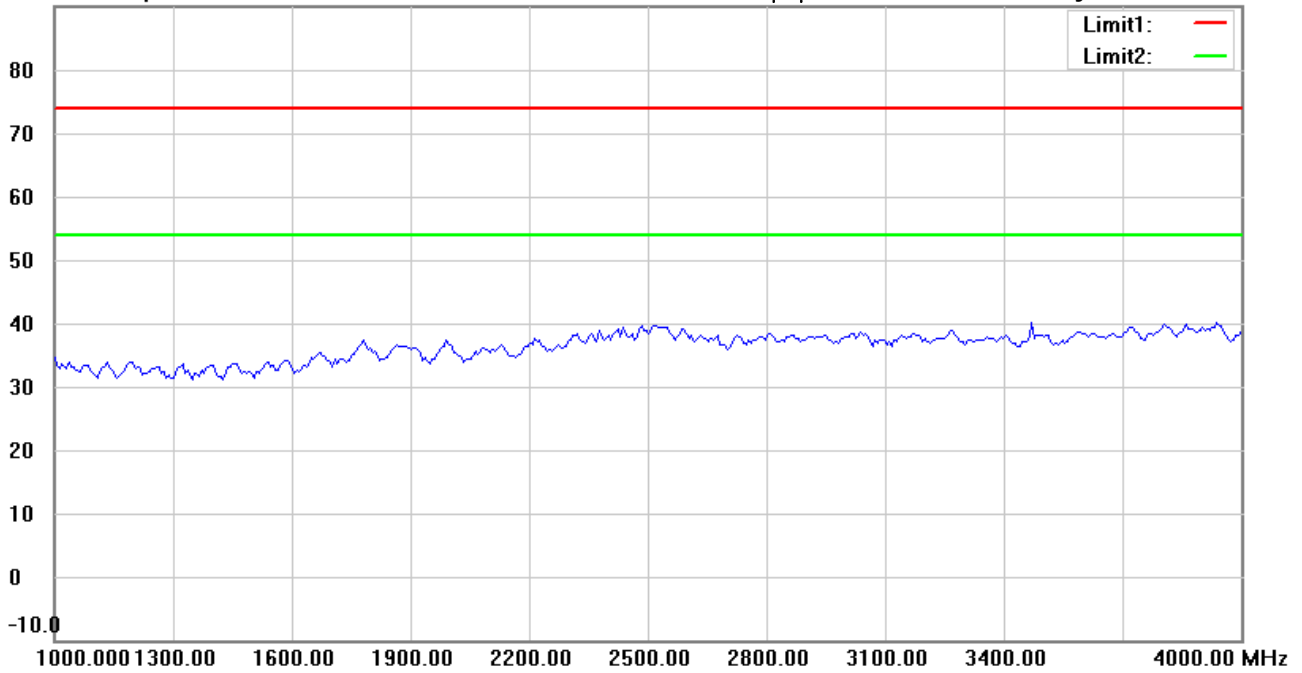
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:06:55

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22302-22480

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Eason

File :3

Data :#2

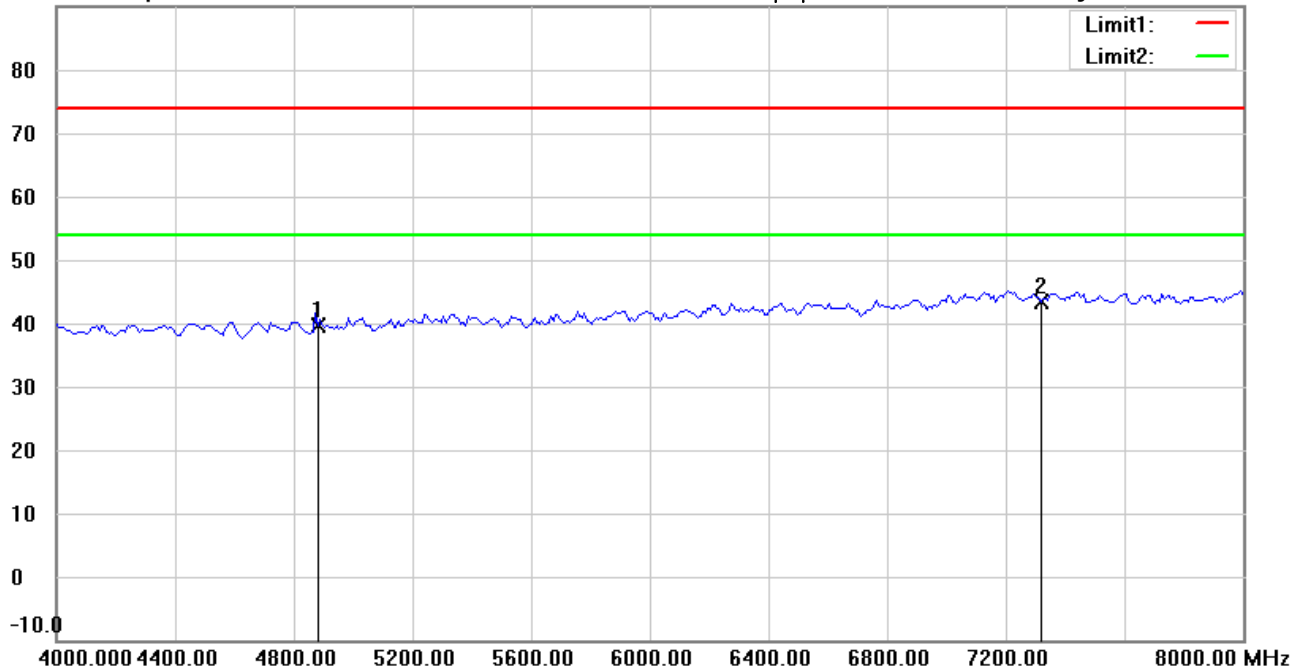
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:03:37

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

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
	4874.000	41.11	peak	-1.43	39.68	74.00	150	256	-34.32	
*	7311.000	39.62	peak	3.82	43.44	74.00	150	85	-30.56	

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



Radiated Emission Measurement

Operator: Eason

File :3

Data :#7

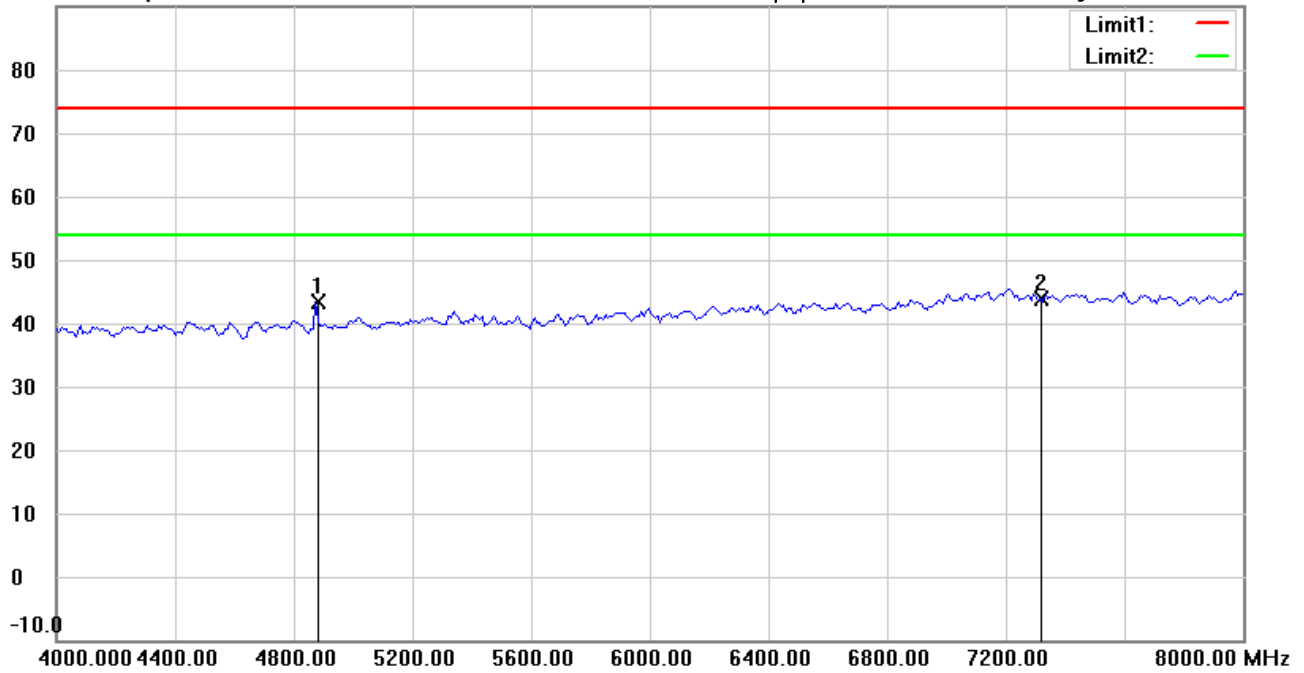
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:08:17

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

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
	4873.748	44.91	peak	-1.43	43.48	74.00	150	144	-30.52	
*	7311.000	39.94	peak	3.82	43.76	74.00	150	104	-30.24	



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#3

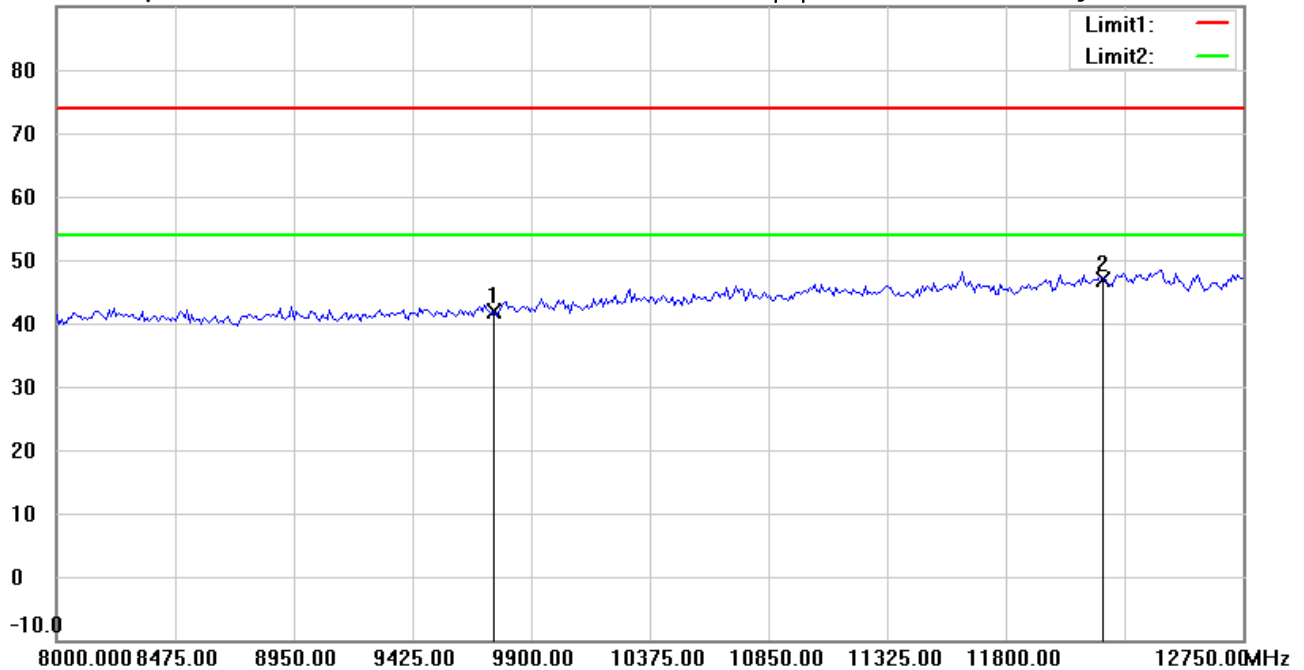
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:05:08

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.92	peak	6.98	41.90	74.00	150	61	-32.10	
*	12185.000	33.40	peak	13.49	46.89	74.00	150	301	-27.11	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#8

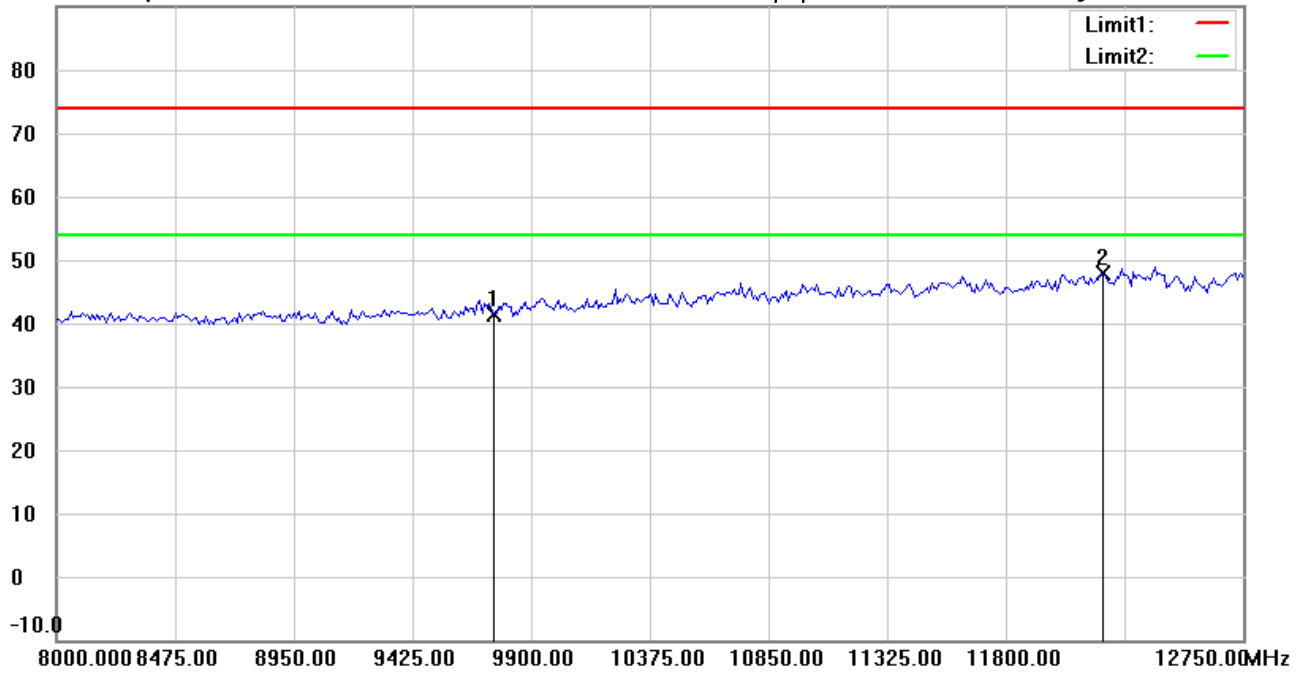
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:09:41

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.30	peak	6.98	41.28	74.00	150	123	-32.72	
*	12185.000	34.51	peak	13.49	48.00	74.00	150	204	-26.00	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#4

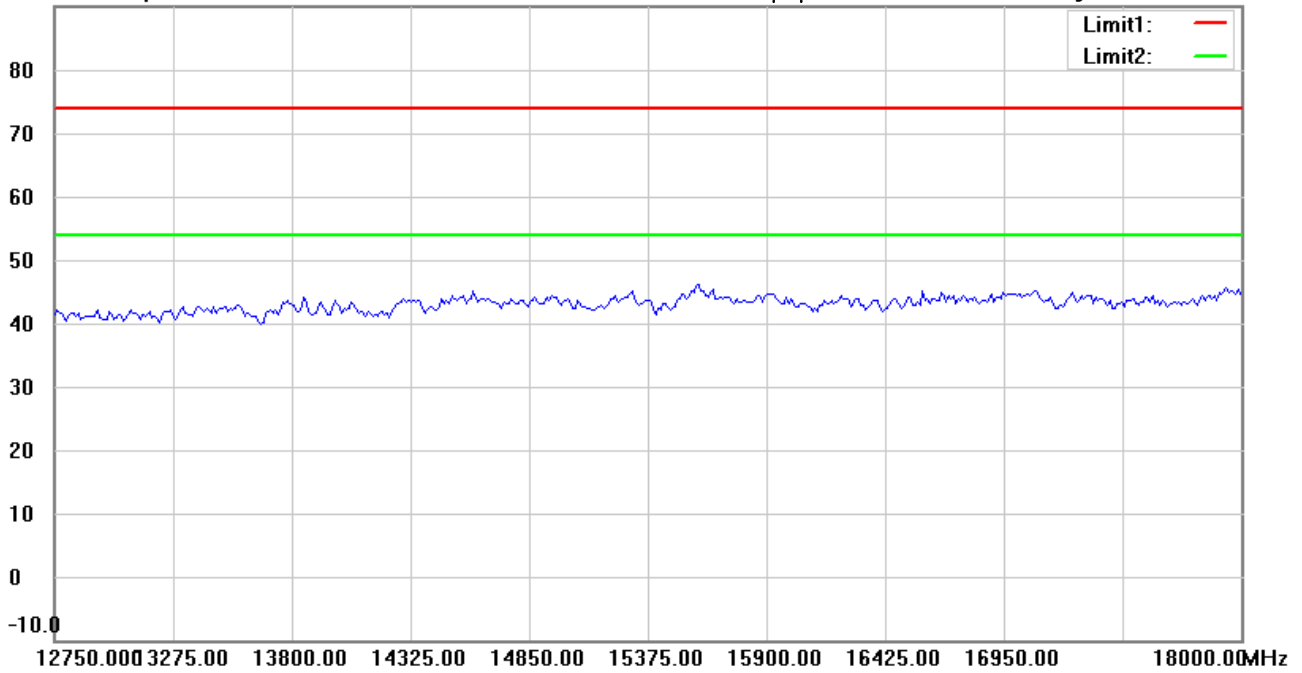
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:05:22

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

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: Eason

File :3

Data :#9

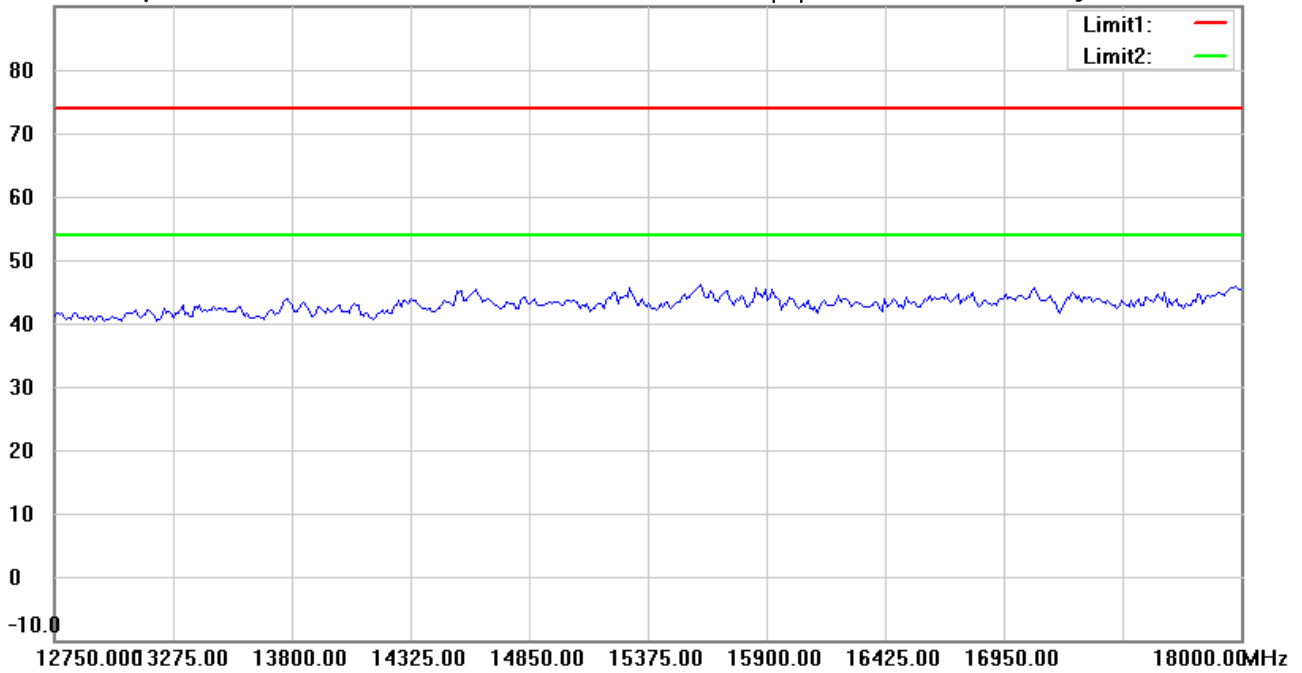
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:09:55

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

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: Eason

File :3

Data :#5

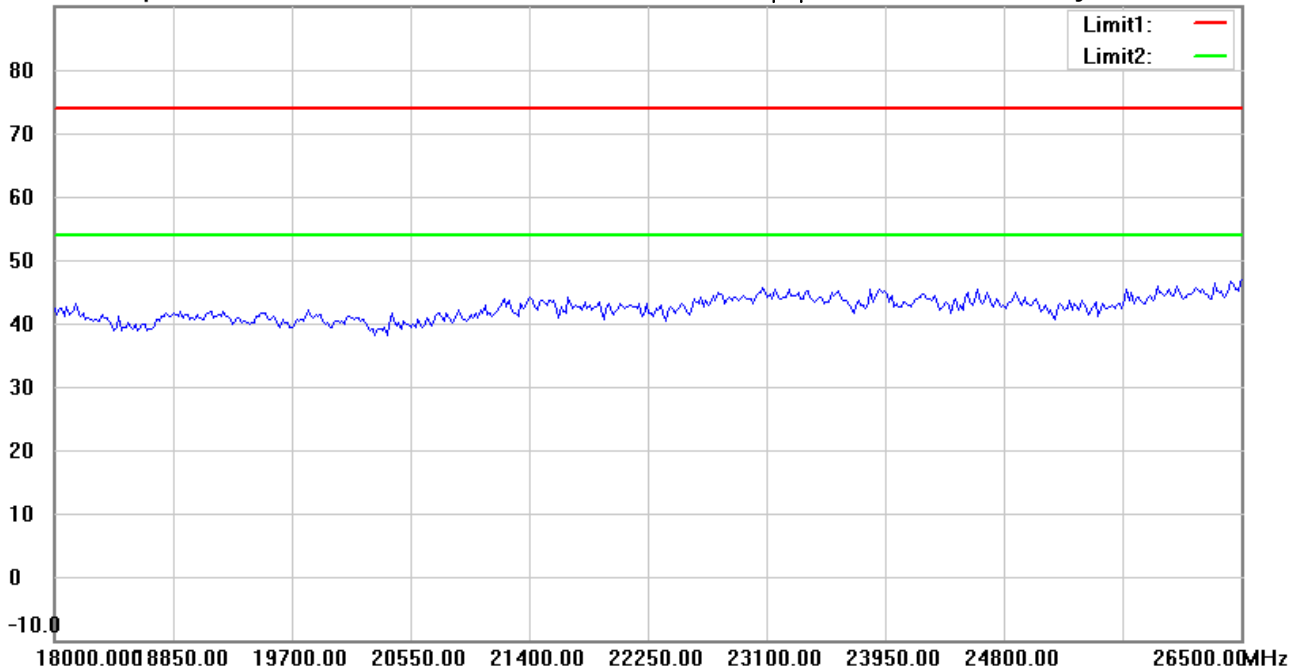
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:05:32

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

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: Eason

File :3

Data :#10

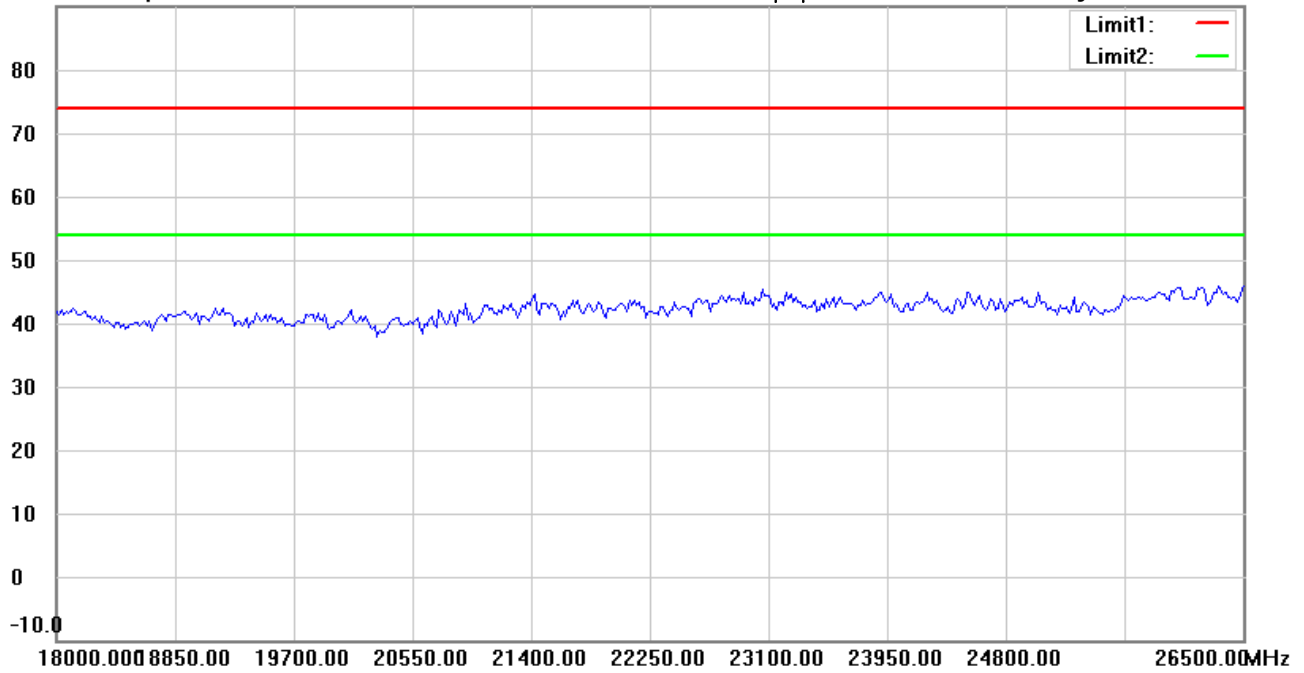
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:10:05

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

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: Eason

File :3

Data :#1

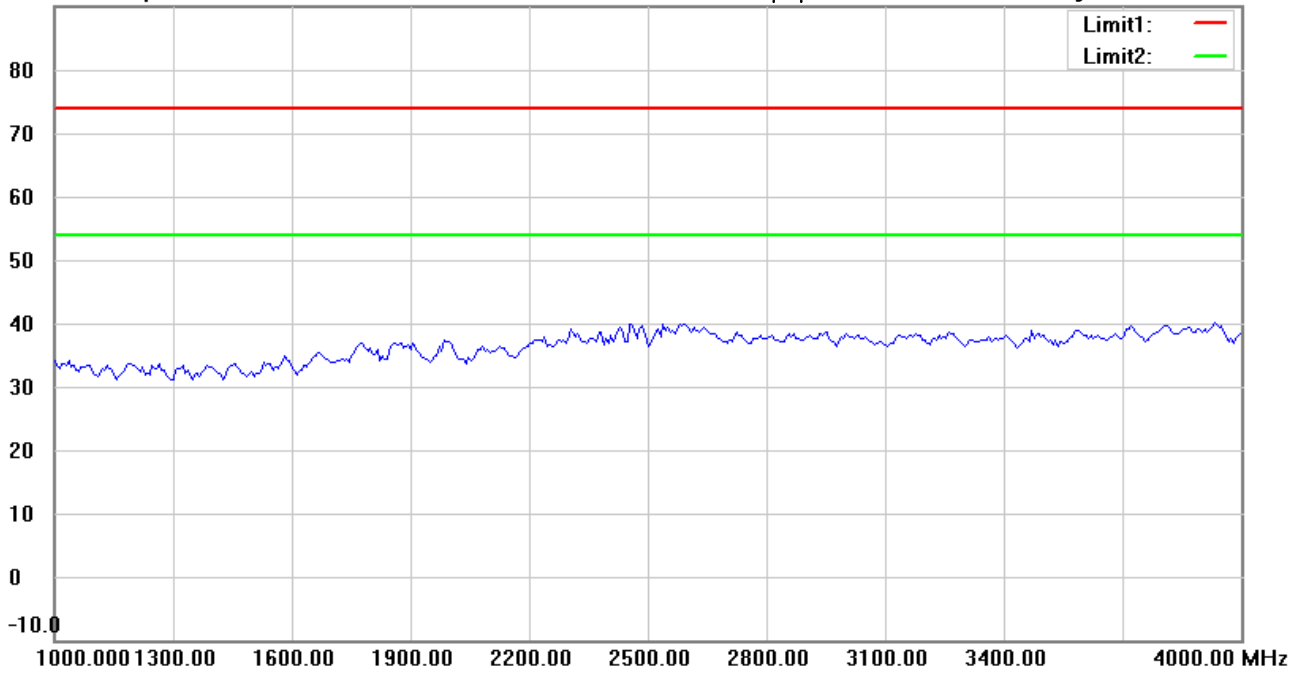
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:16:53

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

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: Eason

File :3

Data :#6

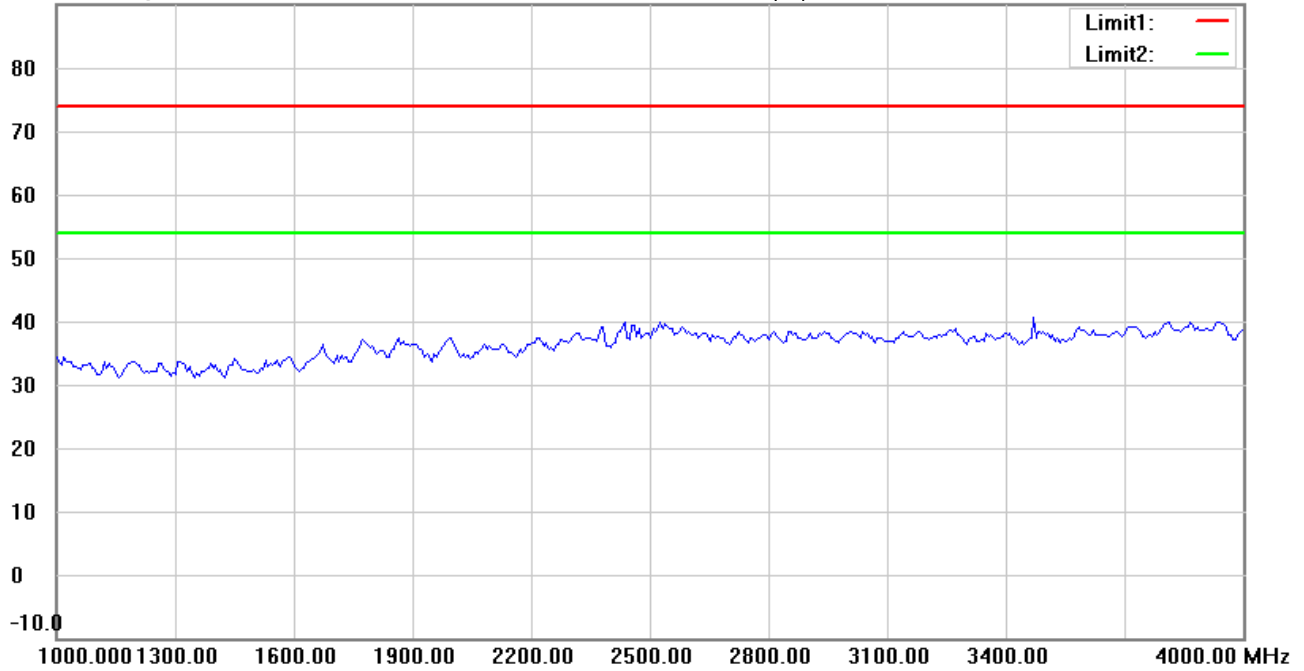
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:21:33

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

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



Radiated Emission Measurement

Operator: Eason

File :3

Data :#2

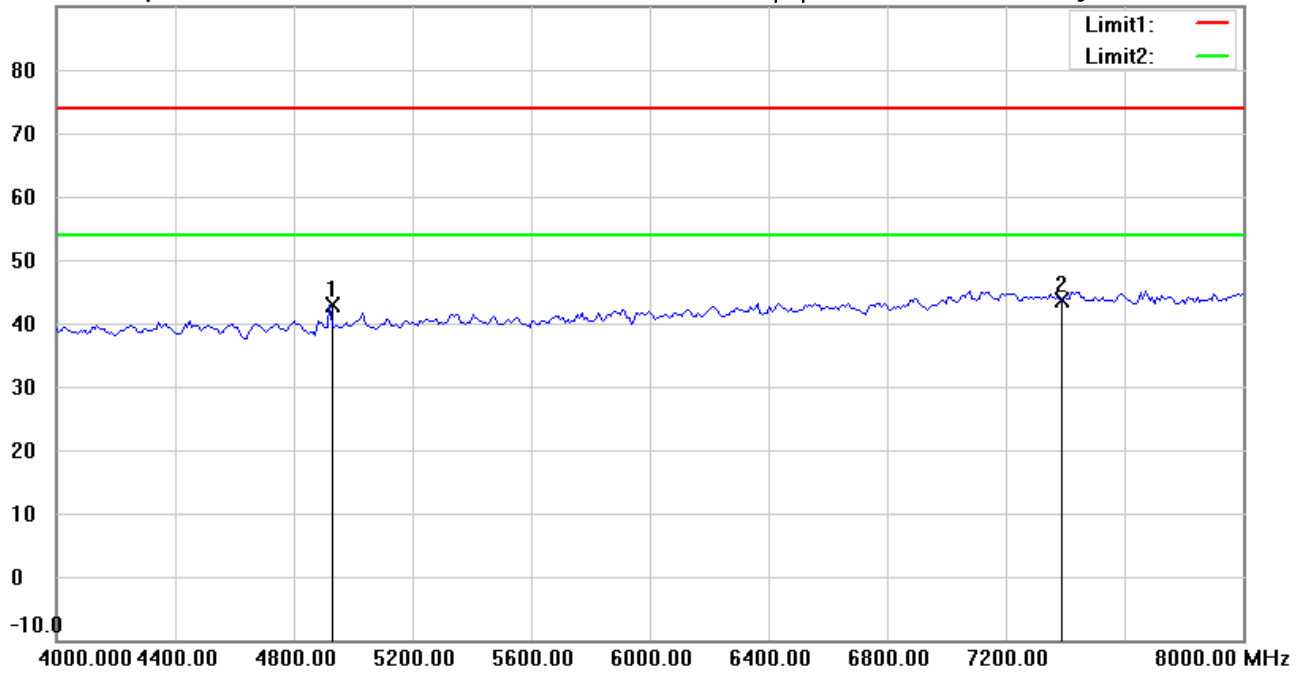
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:18:13

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

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
	4921.844	44.00	peak	-1.13	42.87	74.00	150	69	-31.13	
*	7386.000	39.50	peak	4.06	43.56	74.00	150	103	-30.44	



Radiated Emission Measurement

Operator: Eason

File :3

Data :#7

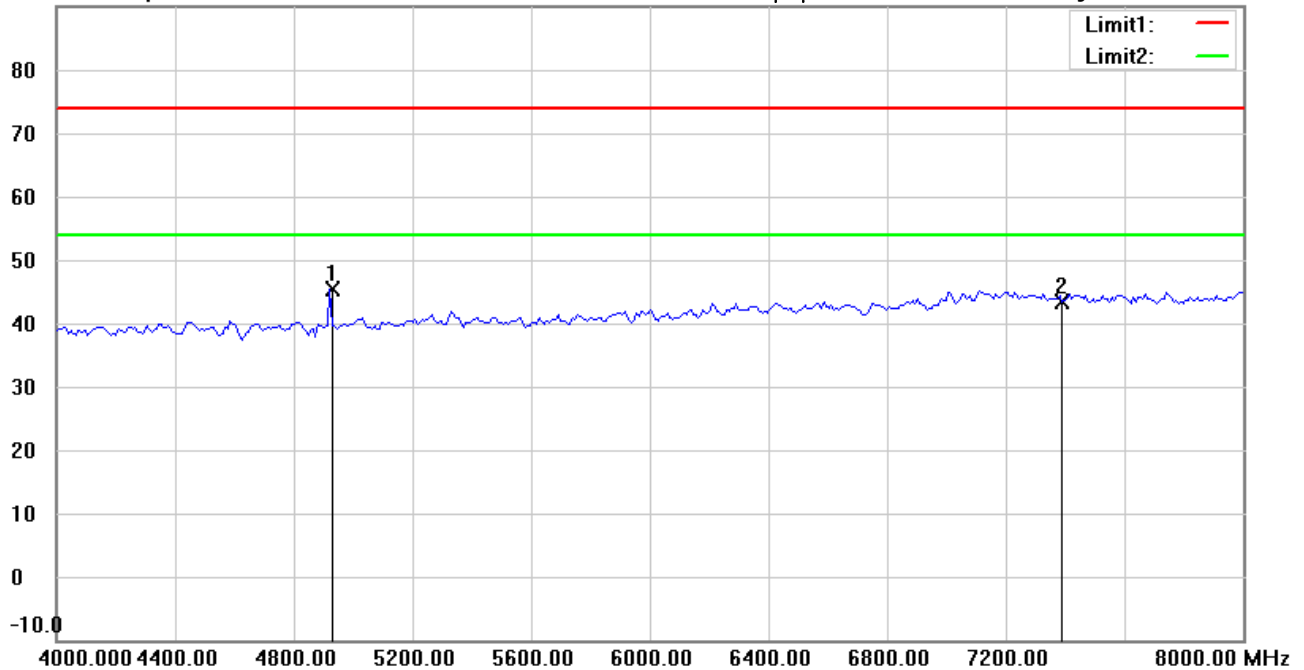
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:22:54

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

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
*	4921.844	46.48	peak	-1.13	45.35	74.00	150	127	-28.65	
	7386.000	39.26	peak	4.06	43.32	74.00	150	301	-30.68	



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#3

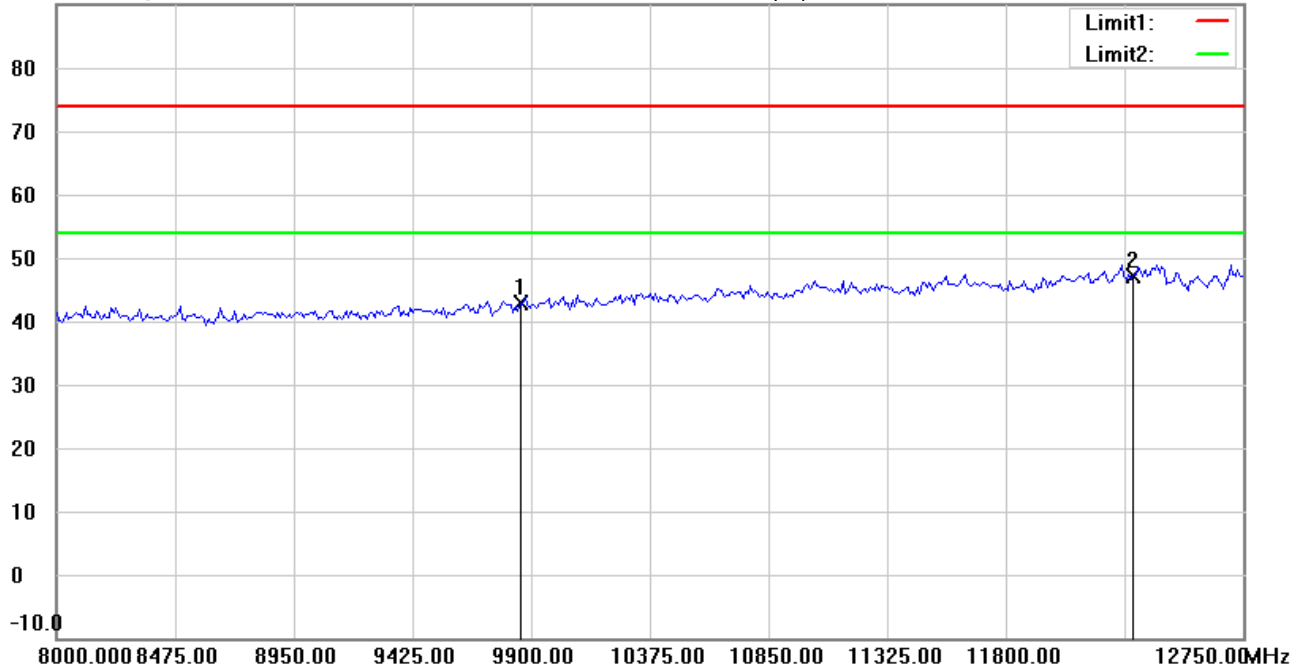
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:19:47

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

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
	9848.000	35.51	peak	7.32	42.83	74.00	150	331	-31.17	
*	12310.000	33.85	peak	13.20	47.05	74.00	150	15	-26.95	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#8

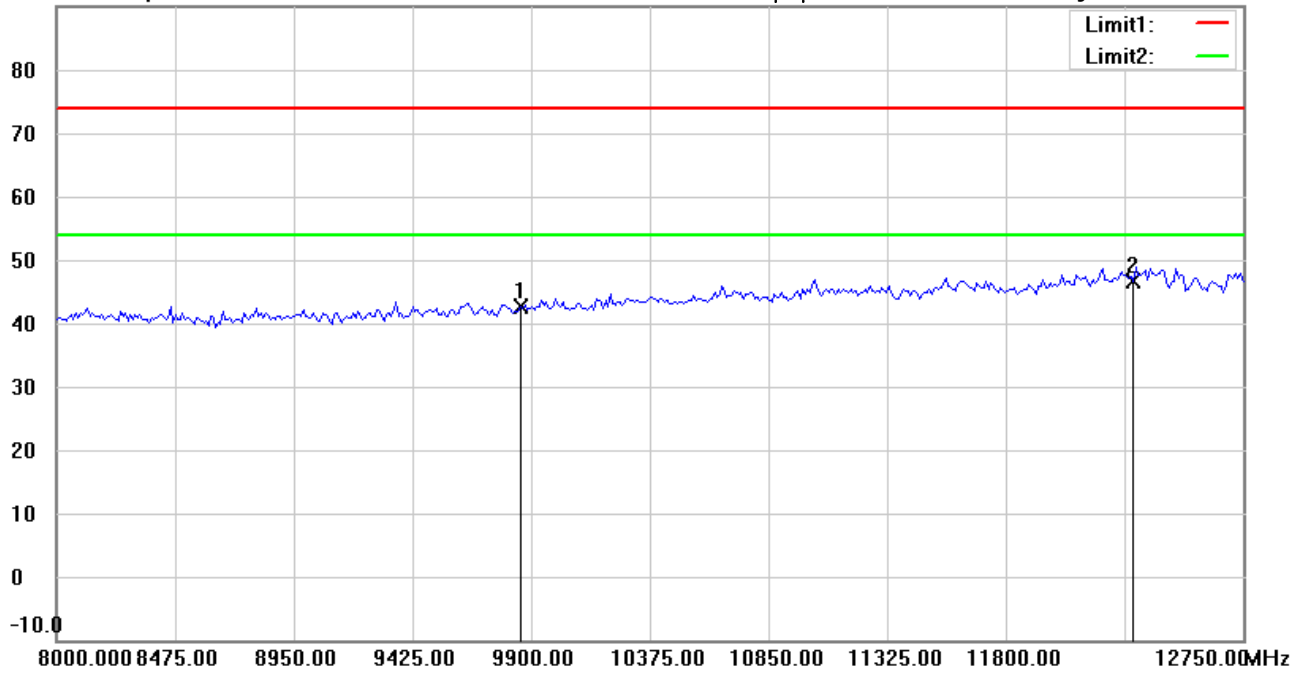
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:24:17

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

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
	9848.000	35.19	peak	7.32	42.51	74.00	150	167	-31.49	
*	12310.000	33.46	peak	13.20	46.66	74.00	150	103	-27.34	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#4

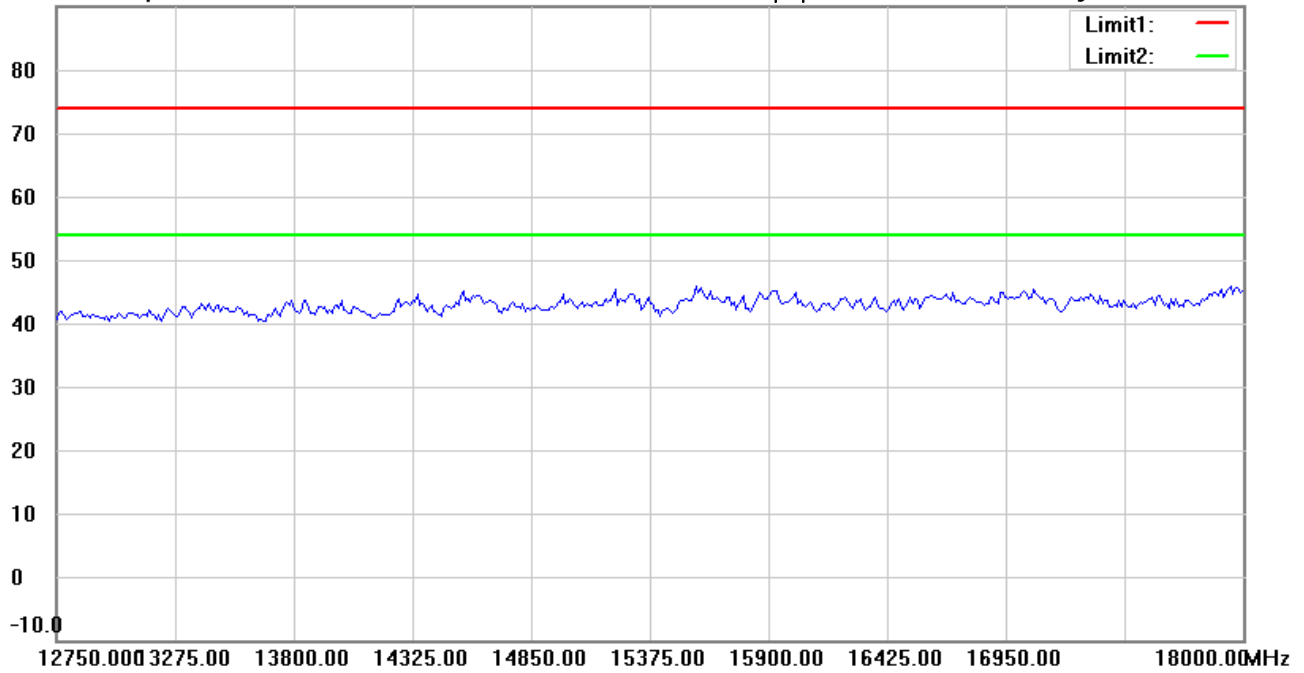
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:20:01

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

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: Eason

File :3

Data :#9

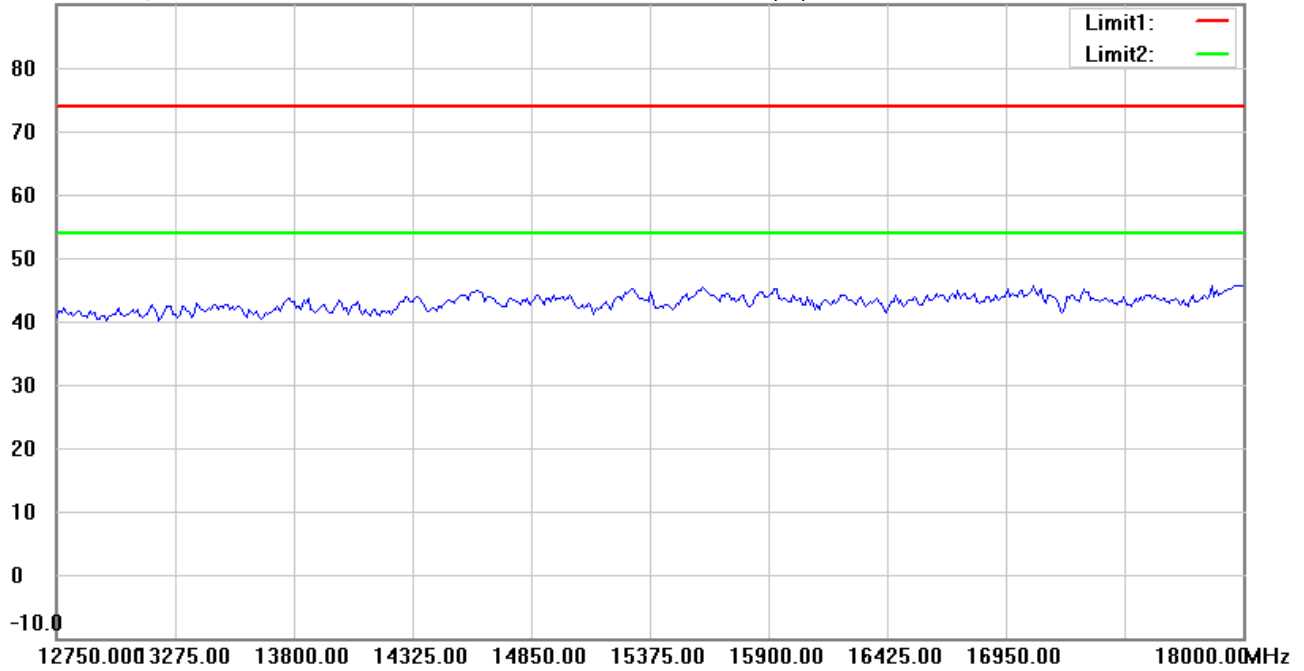
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:24:31

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

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: Eason

File :3

Data :#5

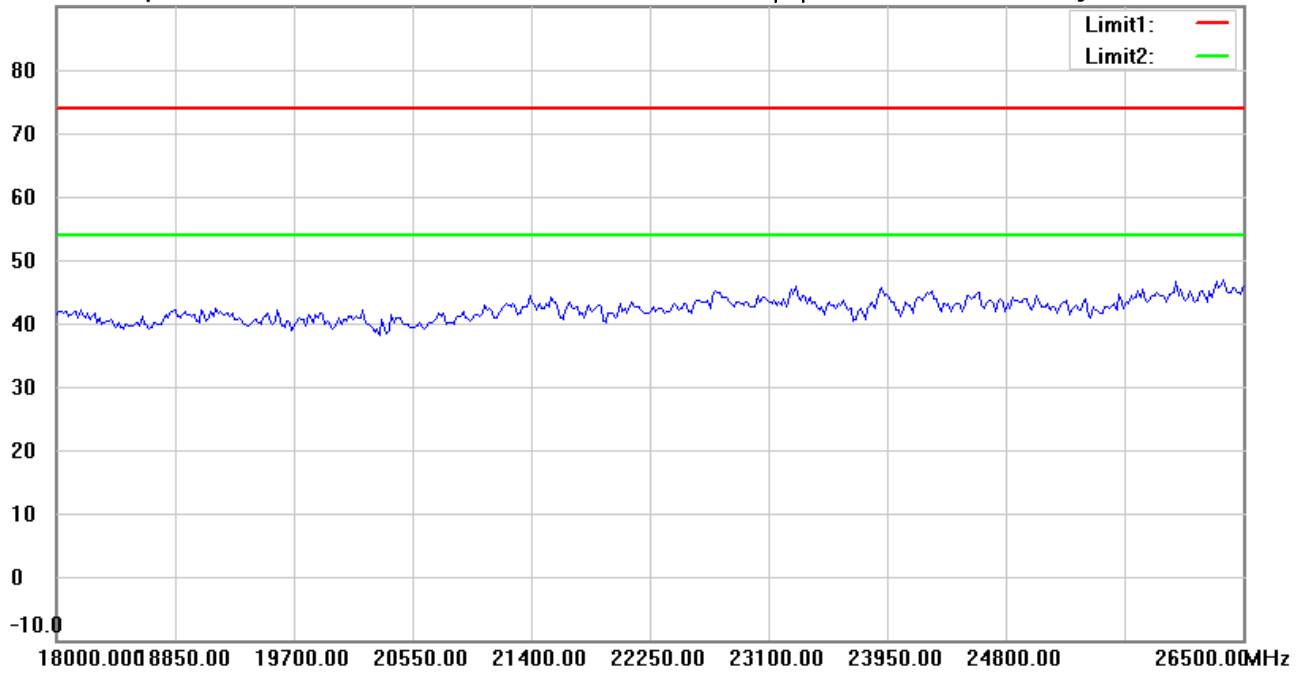
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:20:11

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

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

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#10

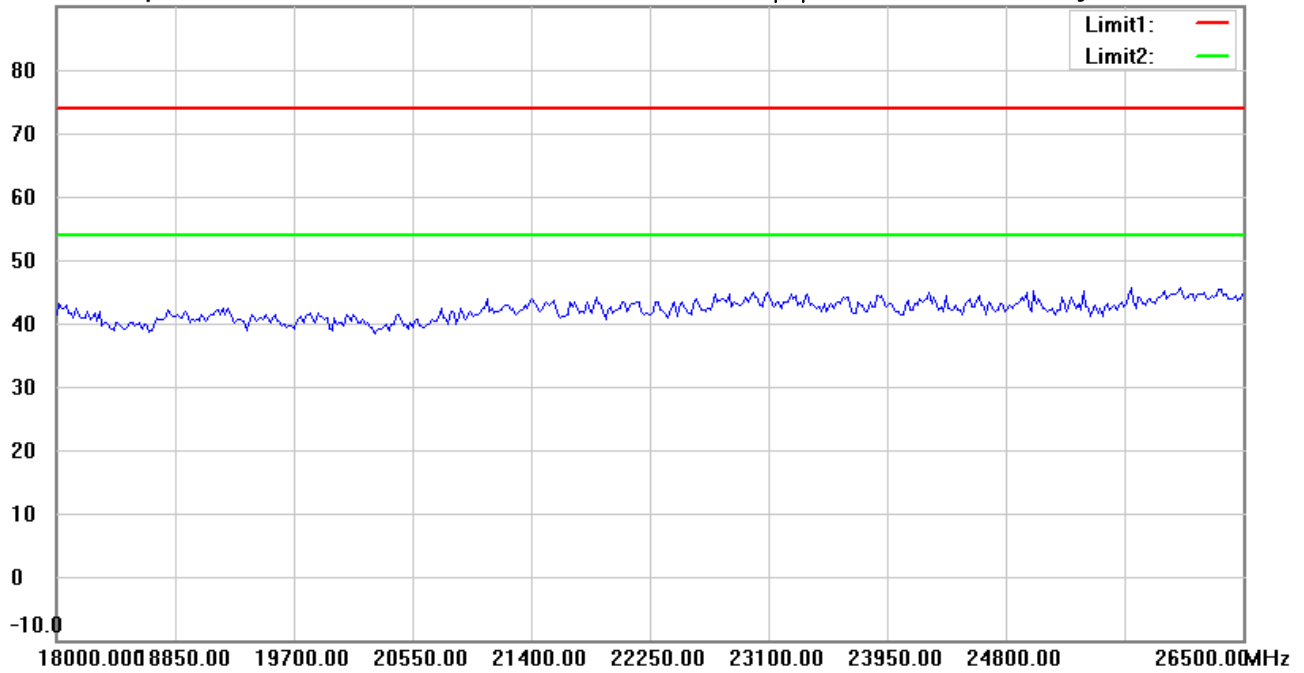
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 02:24:41

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

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: Eason

File :3

Data :#1

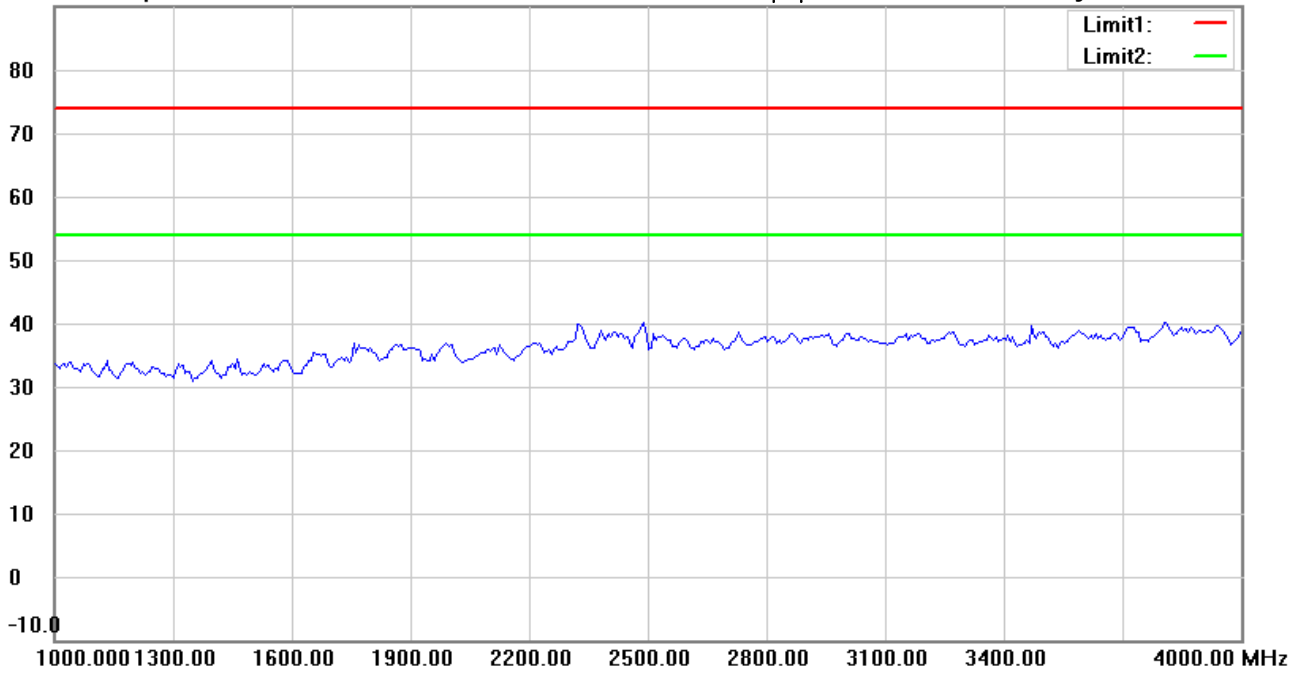
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:12:57

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

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

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#6

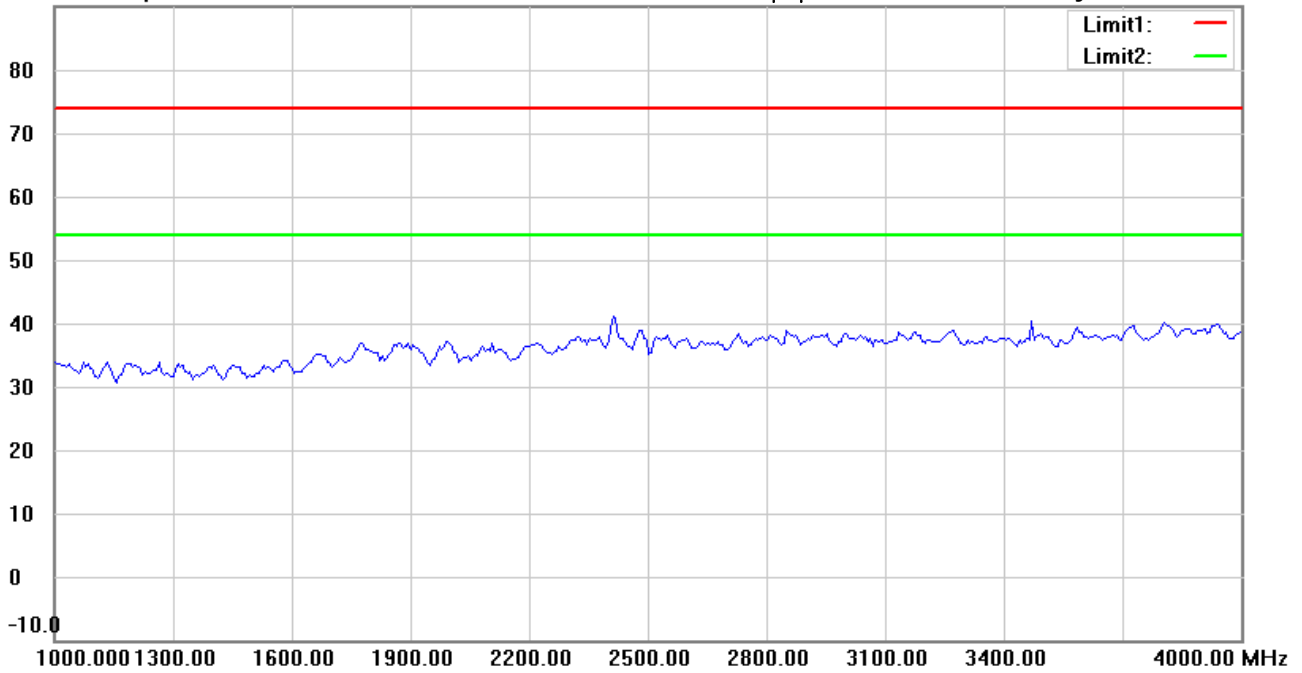
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:17:58

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

EUT : W6M22302-22480

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

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



Radiated Emission Measurement

Operator: Eason

File :3

Data :#2

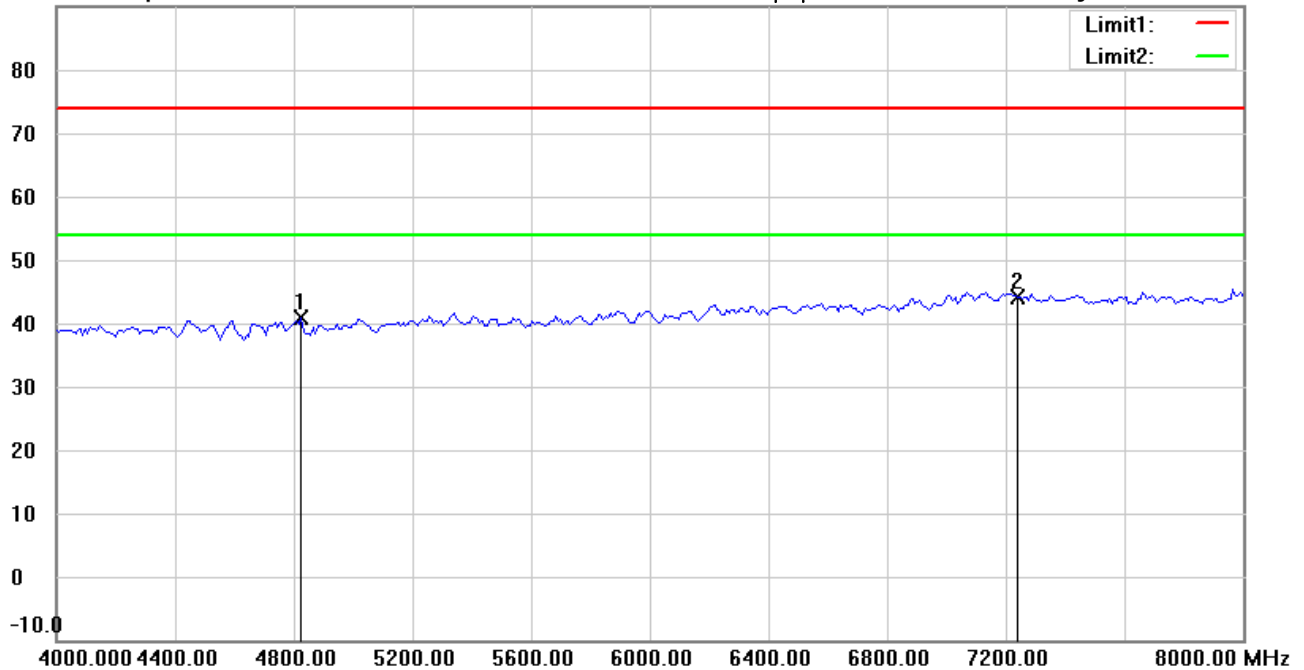
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:14:18

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	42.50	peak	-1.65	40.85	74.00	150	144	-33.15	
*	7236.000	40.16	peak	3.93	44.09	74.00	150	85	-29.91	



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

Operator: Eason

File :3

Data :#7

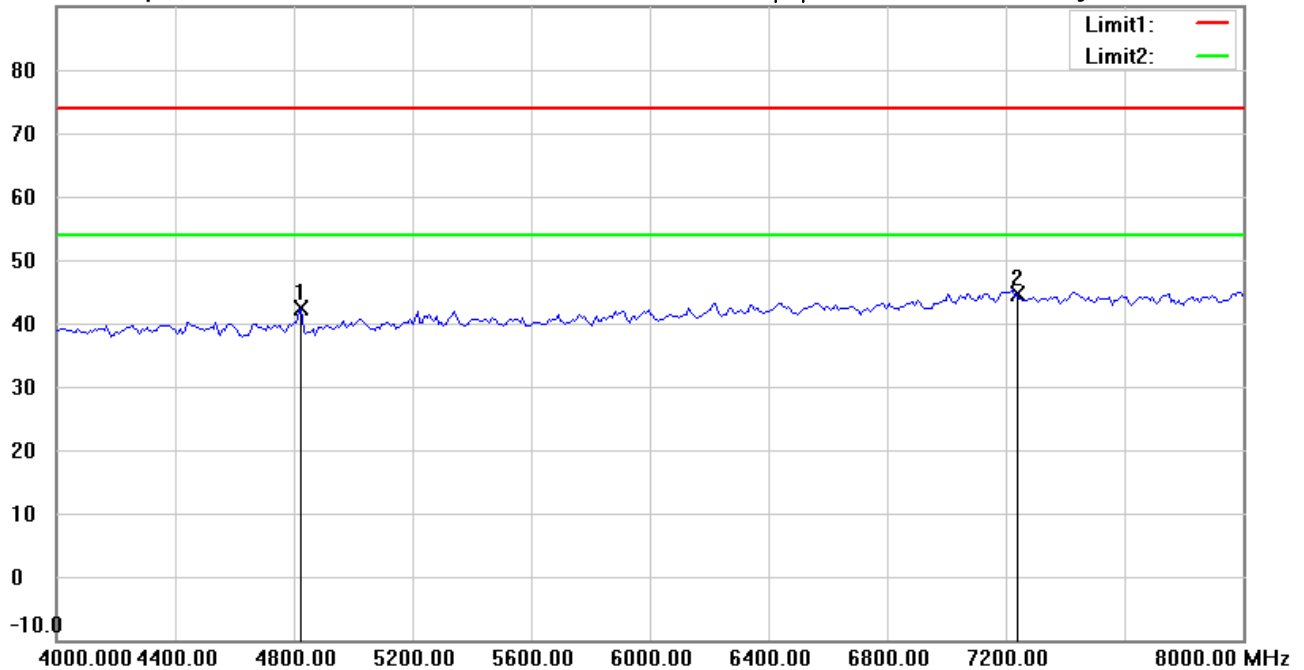
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:19:19

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	43.97	peak	-1.65	42.32	74.00	150	201	-31.68	
*	7236.000	40.75	peak	3.93	44.68	74.00	150	23	-29.32	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#3

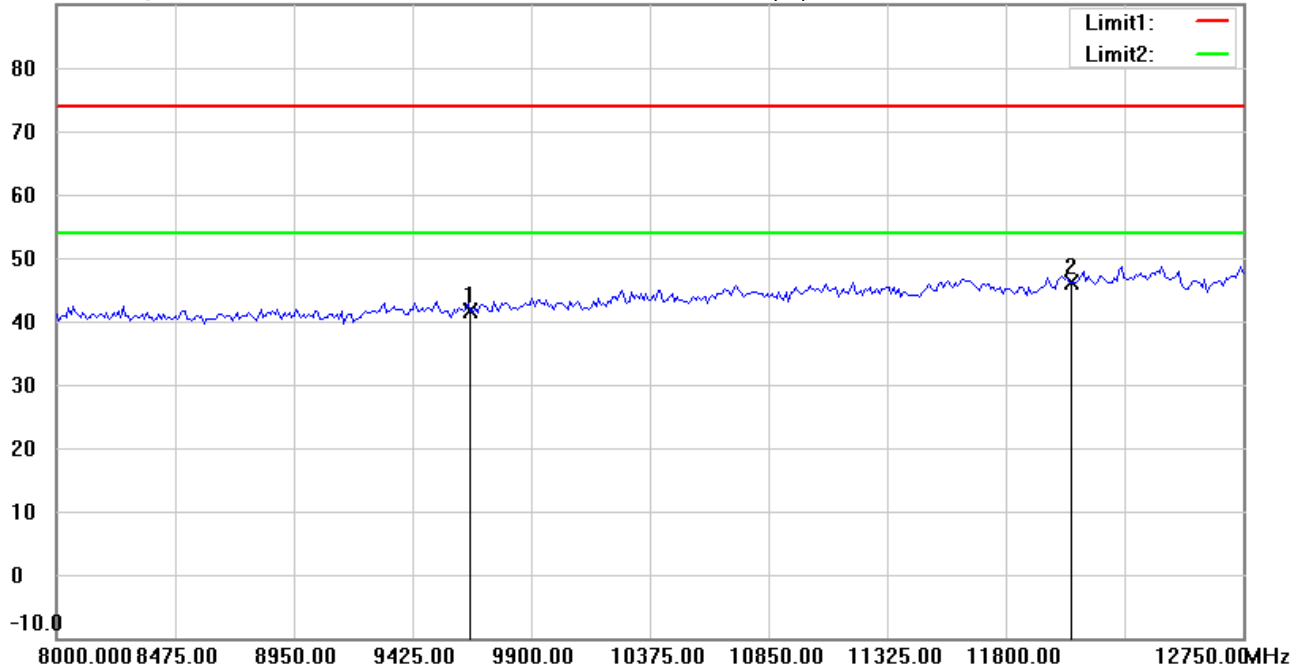
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:16:04

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	34.88	peak	6.81	41.69	74.00	150	62	-32.31	
*	12060.000	33.62	peak	12.53	46.15	74.00	150	103	-27.85	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#8

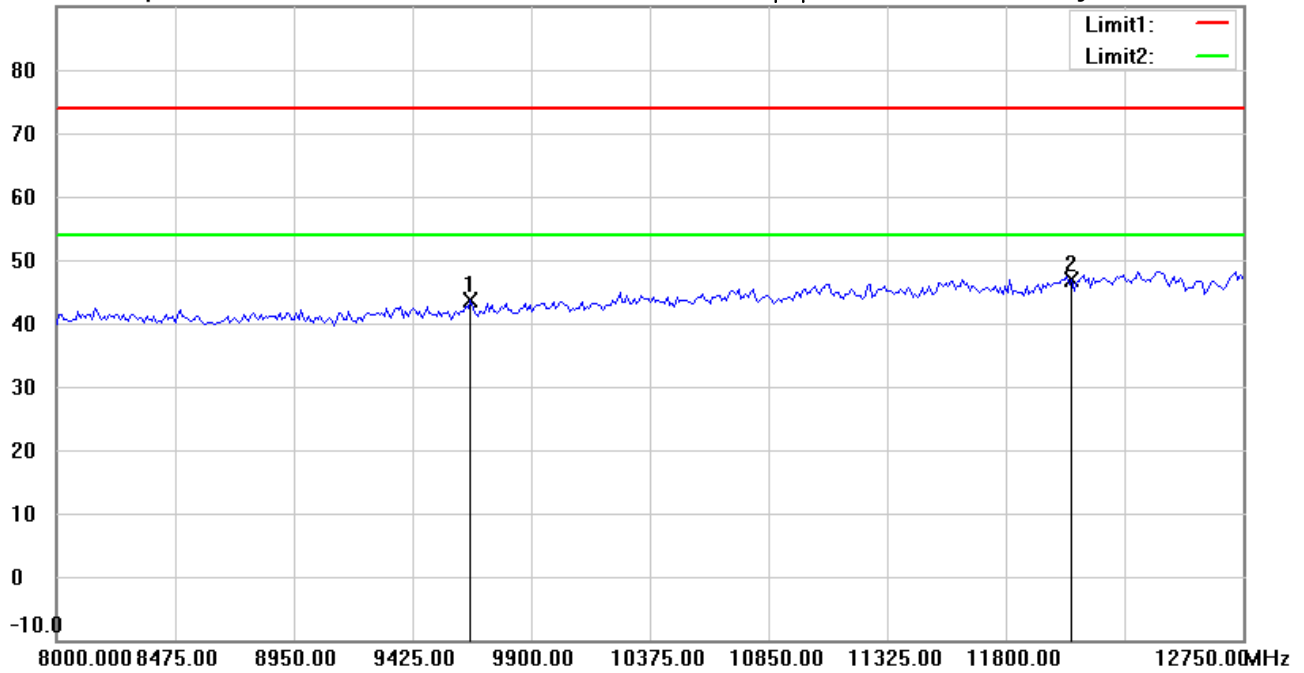
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:20:51

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	36.78	peak	6.81	43.59	74.00	150	185	-30.41	
*	12060.000	34.38	peak	12.53	46.91	74.00	150	24	-27.09	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#4

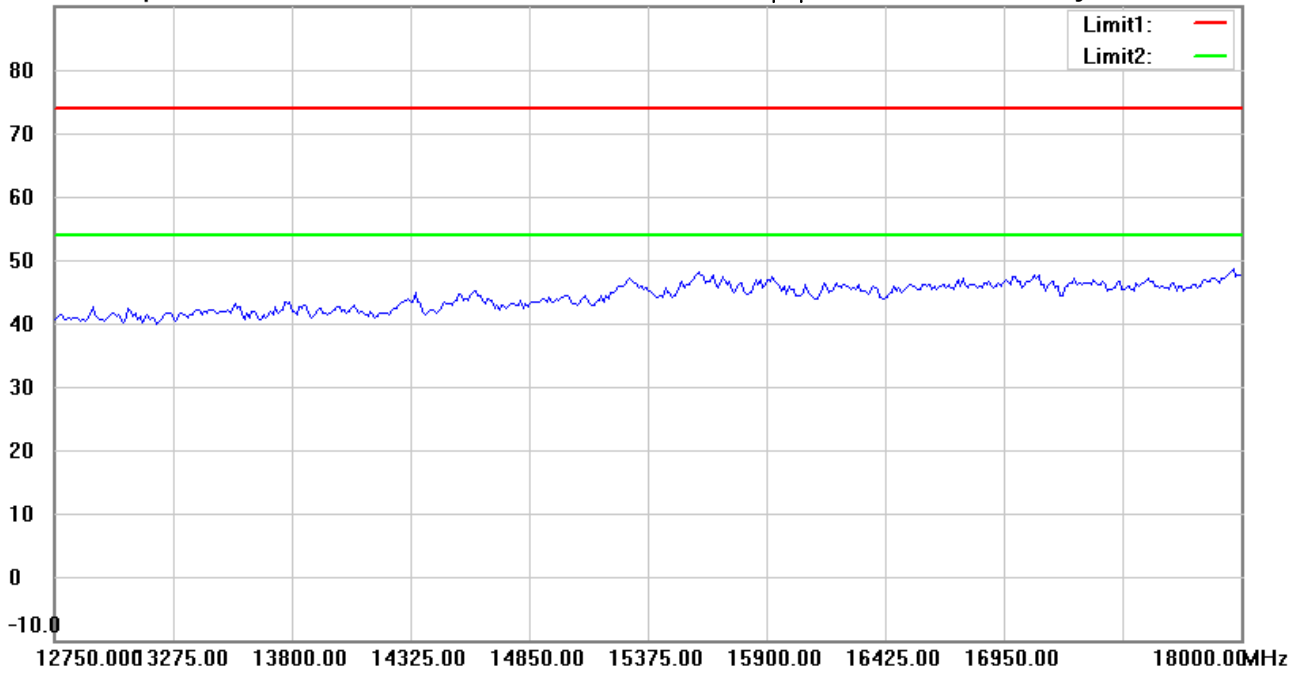
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:16:18

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#9

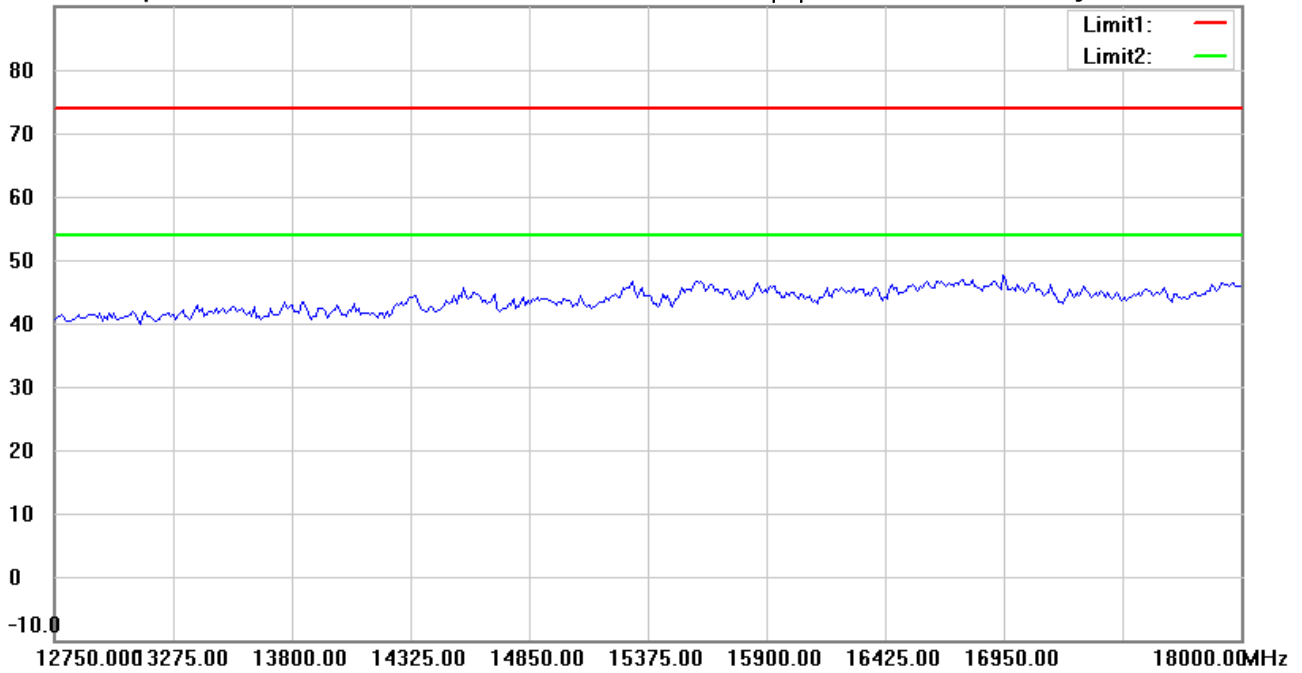
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:21:05

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#5

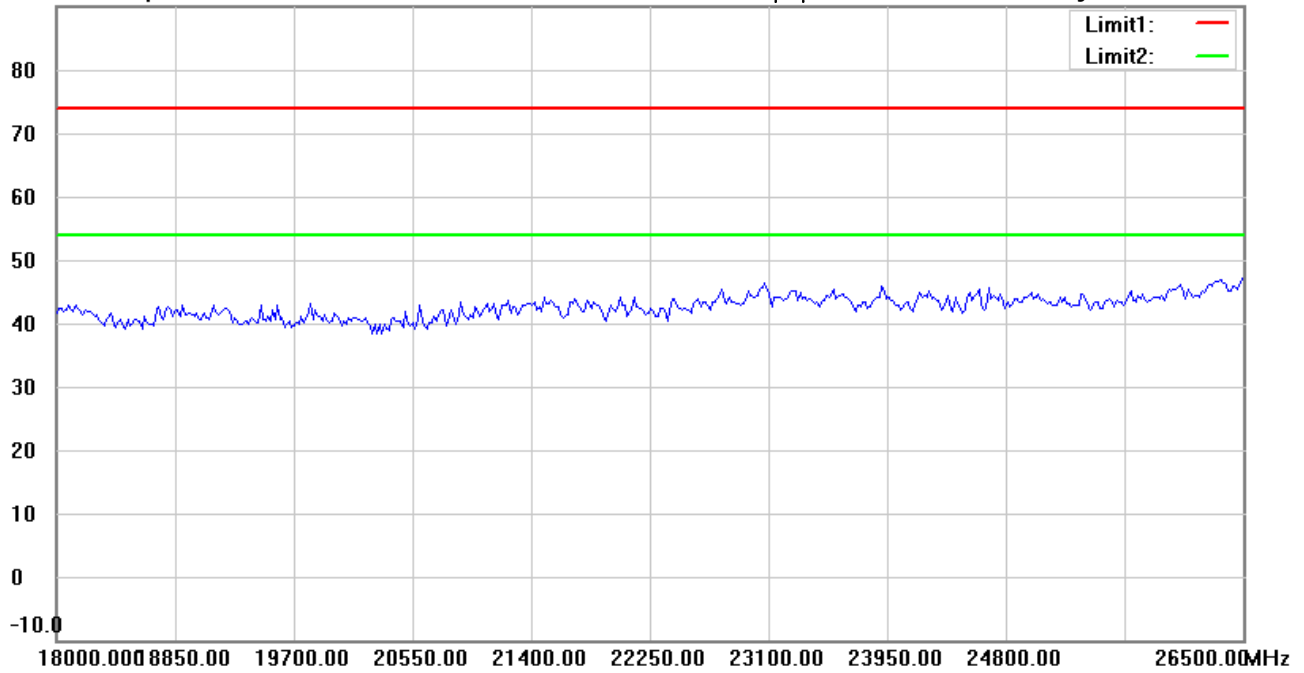
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:16:28

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#10

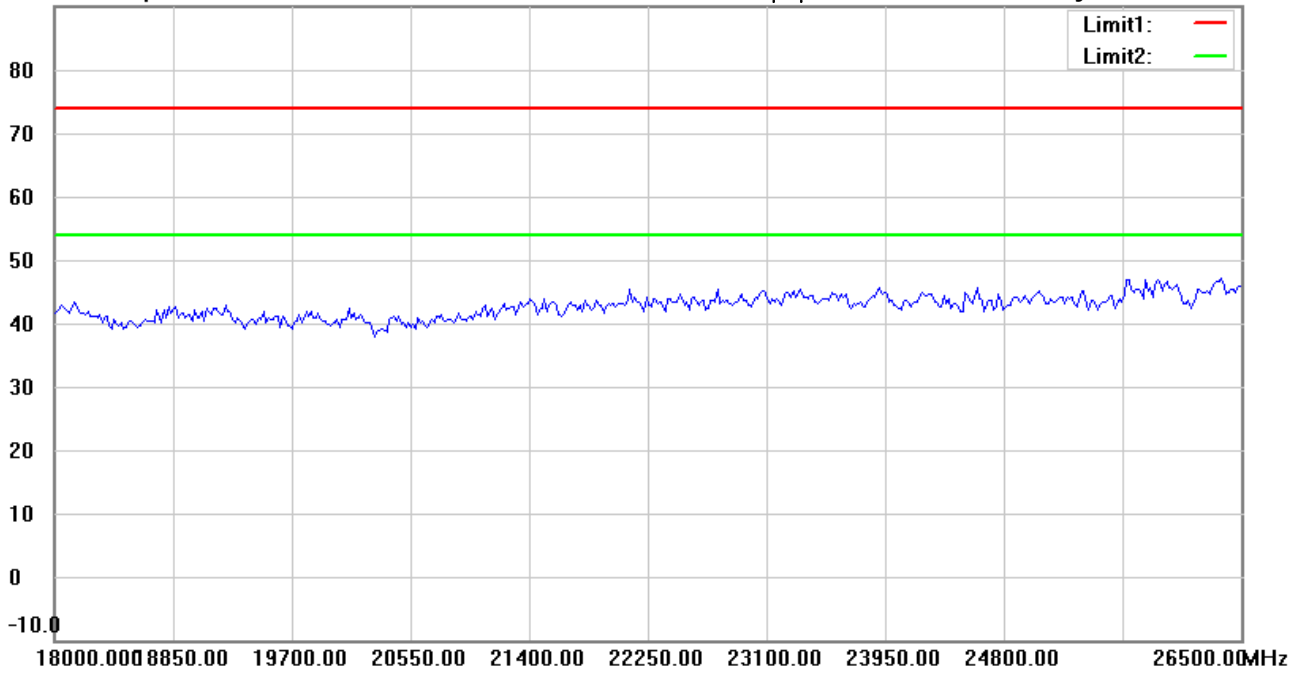
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:21:15

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#1

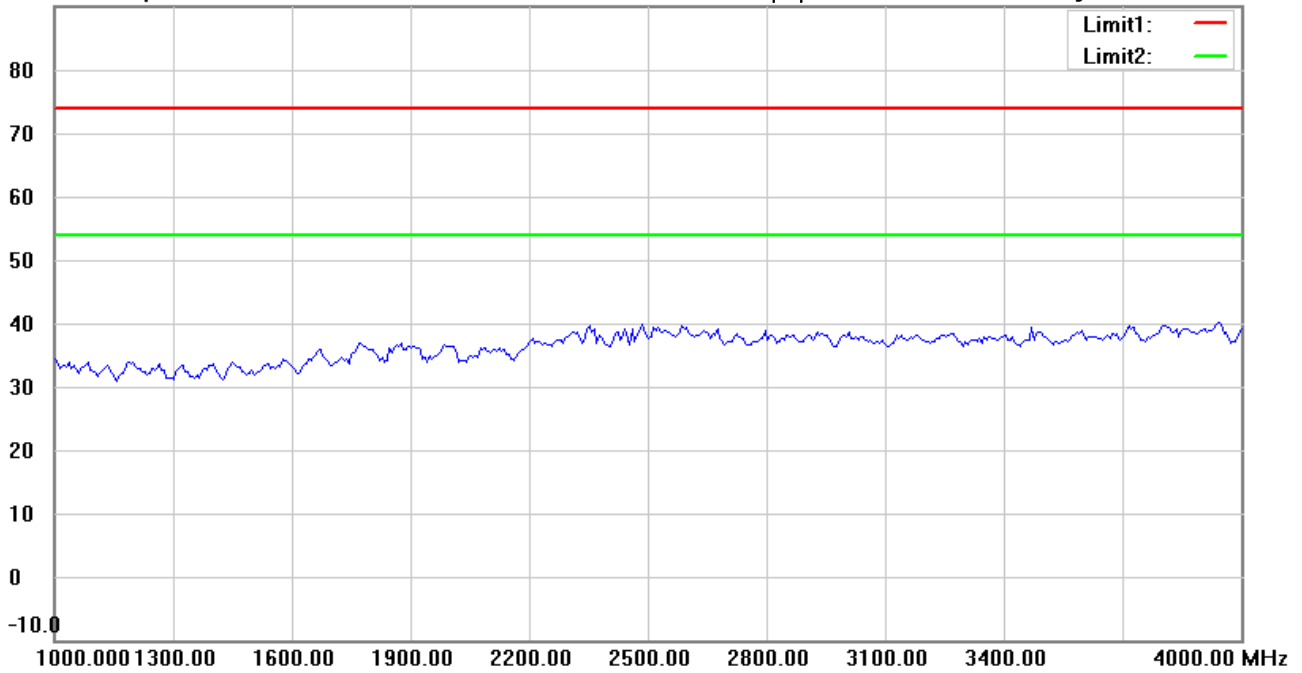
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:28:29

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

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: Eason

File :3

Data :#6

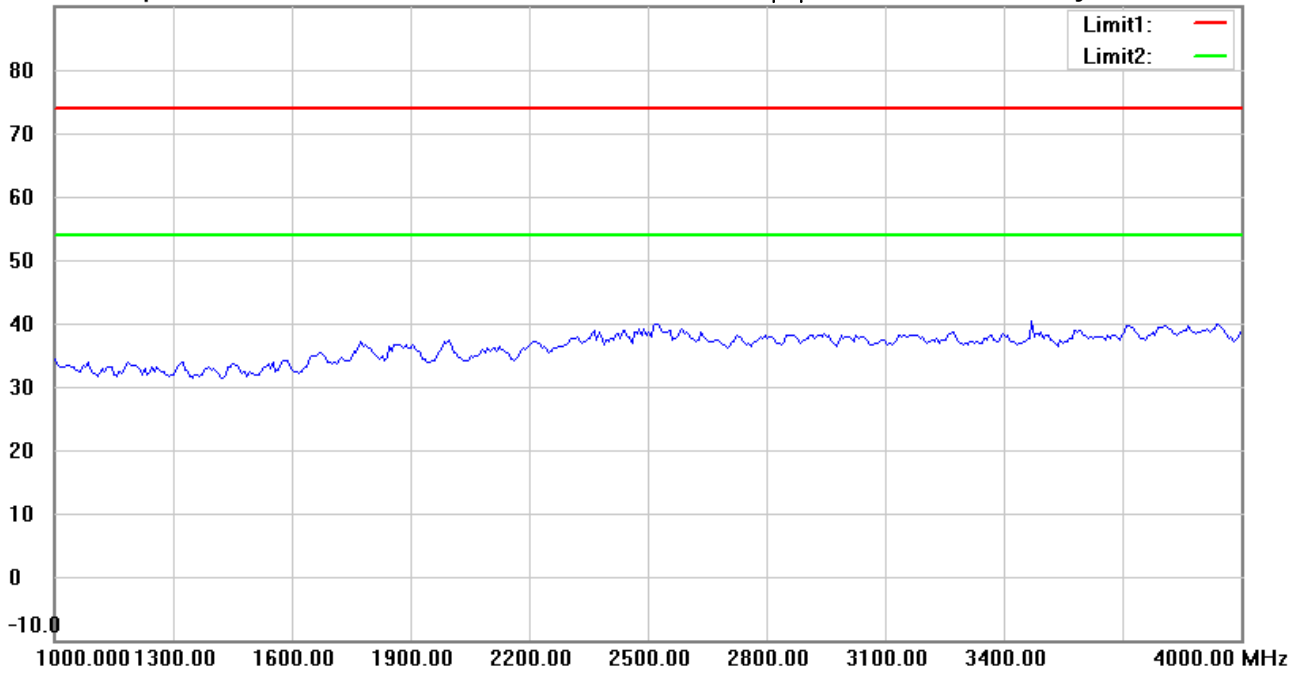
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:33:09

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

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



Radiated Emission Measurement

Operator: Eason

File :3

Data :#2

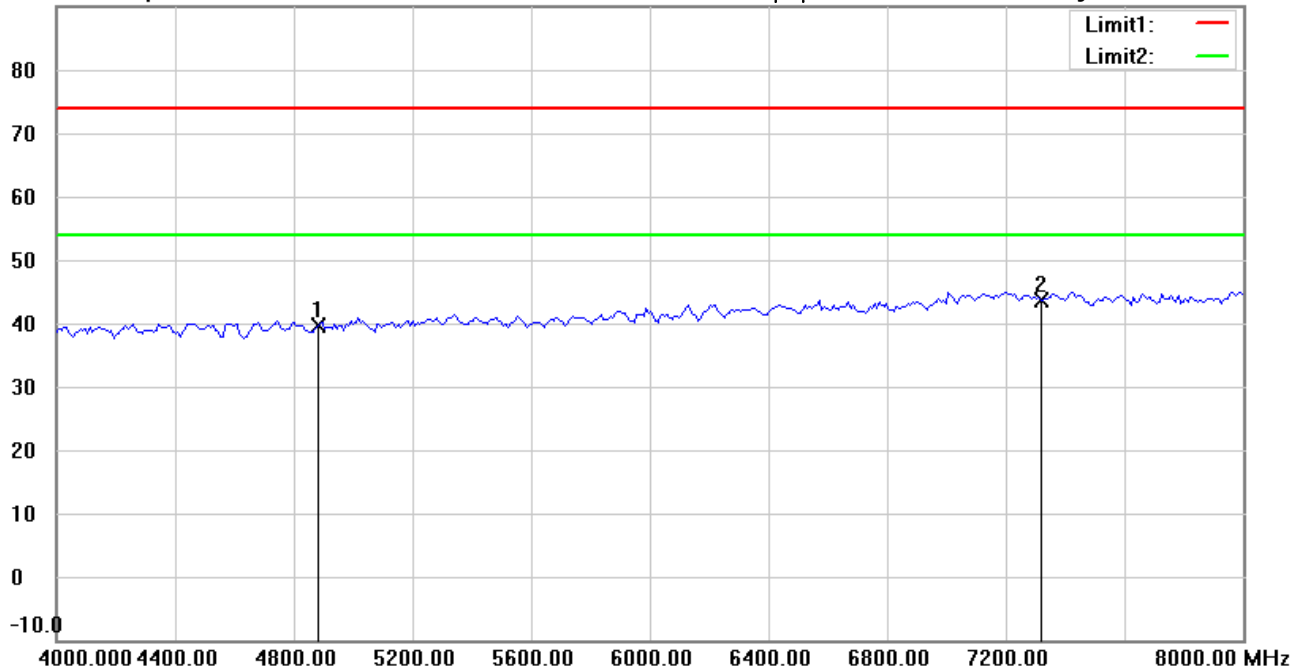
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:29:50

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

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
	4874.000	41.11	peak	-1.43	39.68	74.00	150	92	-34.32	
*	7311.000	39.93	peak	3.82	43.75	74.00	150	142	-30.25	



Radiated Emission Measurement

Operator: Eason

File :3

Data :#7

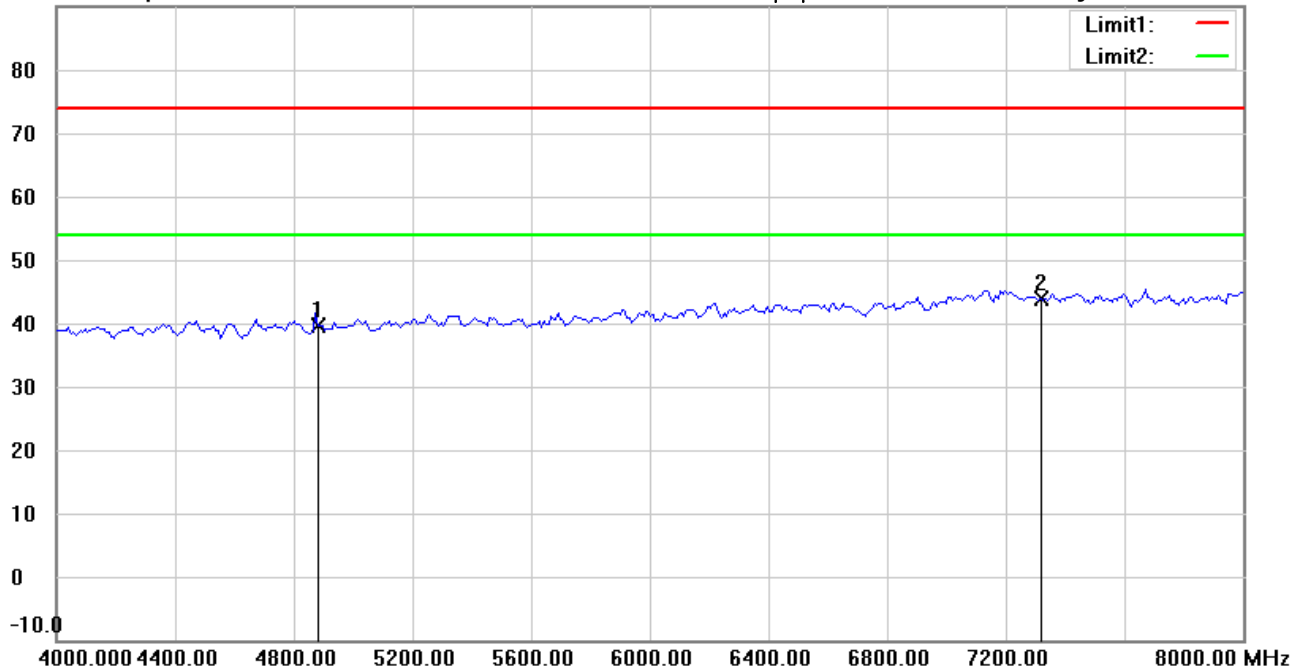
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:34:30

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

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
	4874.000	40.94	peak	-1.43	39.51	74.00	150	39	-34.49	
*	7311.000	40.16	peak	3.82	43.98	74.00	150	99	-30.02	



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#3

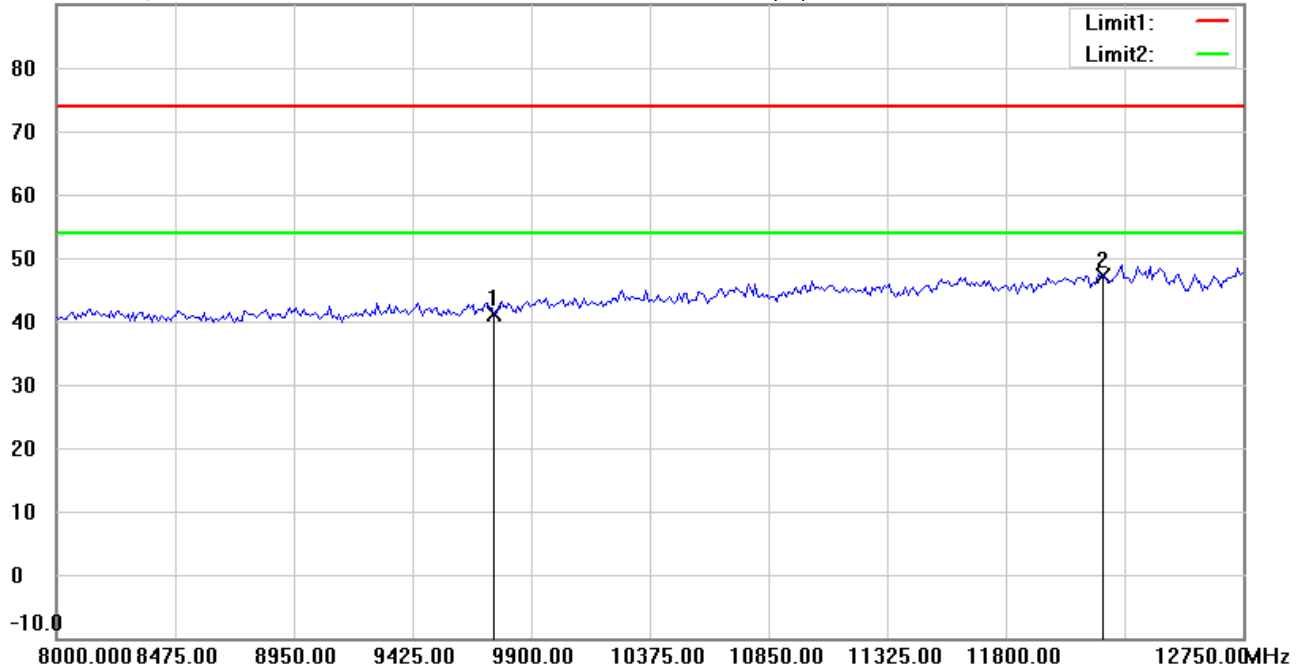
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:31:21

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.27	peak	6.98	41.25	74.00	150	111	-32.75	
*	12185.000	33.52	peak	13.49	47.01	74.00	150	54	-26.99	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#8

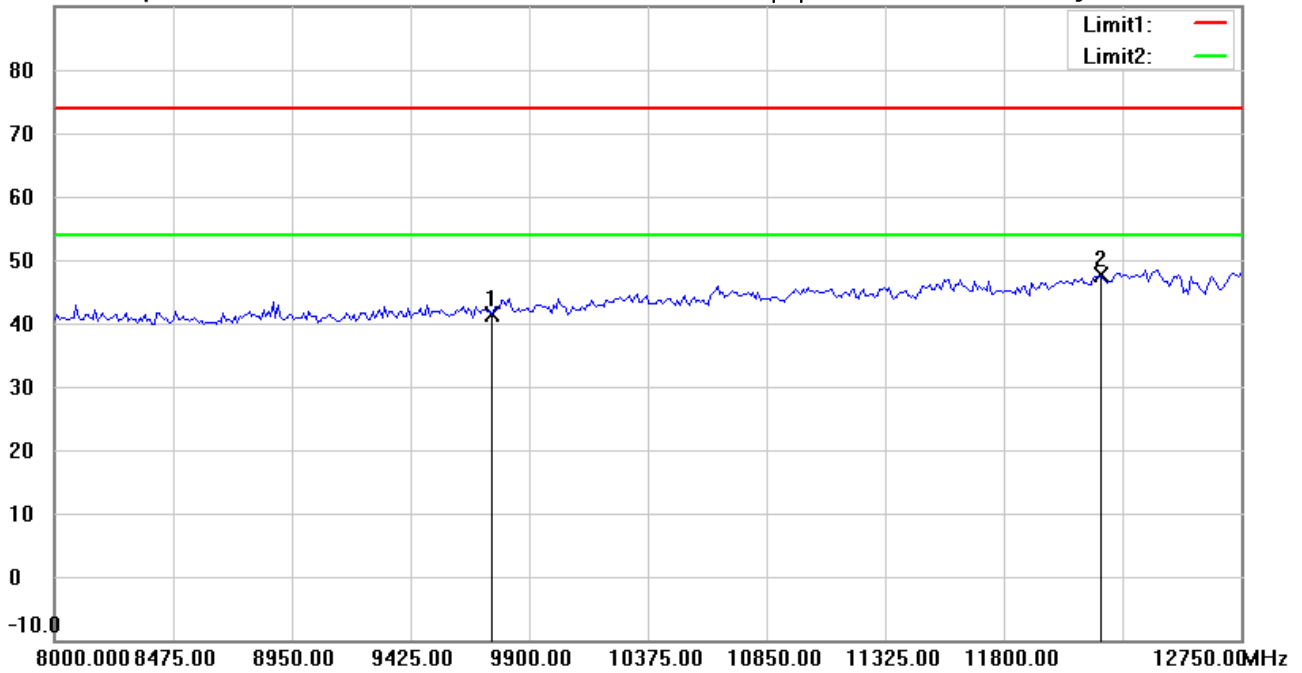
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:35:52

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.43	peak	6.98	41.41	74.00	150	35	-32.59	
*	12185.000	34.25	peak	13.49	47.74	74.00	150	100	-26.26	

*: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: Eason

File :3

Data :#4

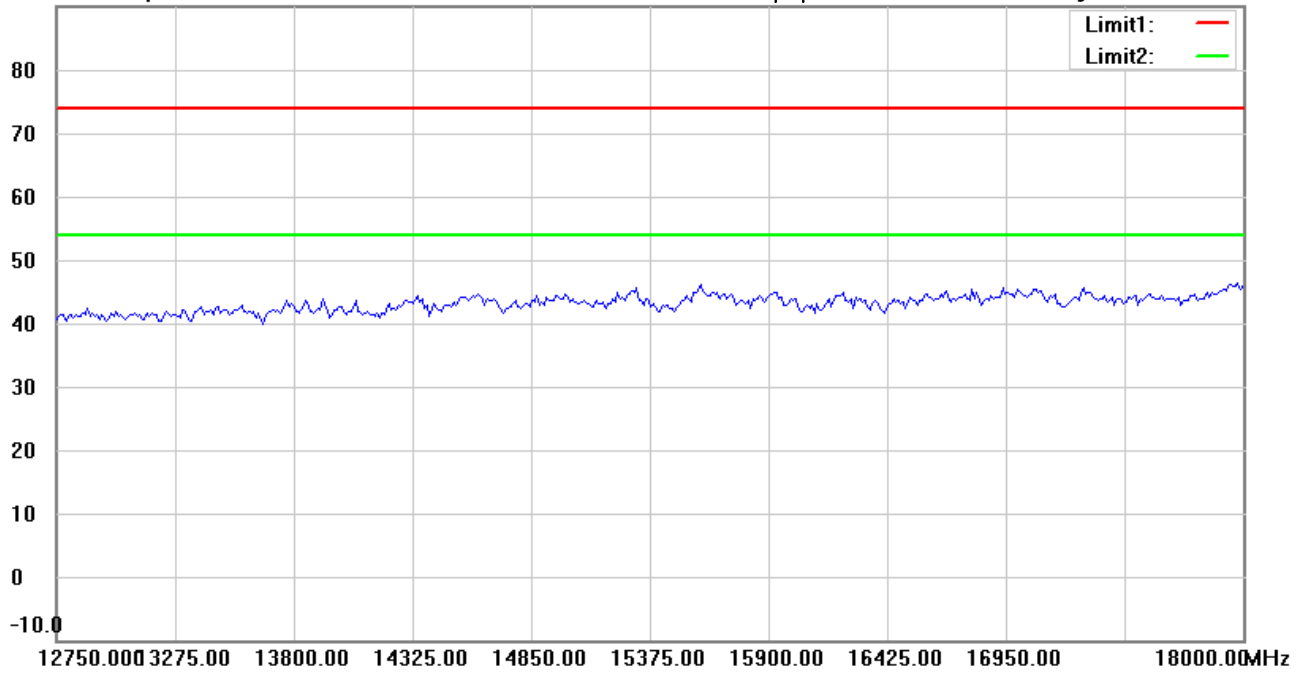
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:31:35

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

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: Eason

File :3

Data :#9

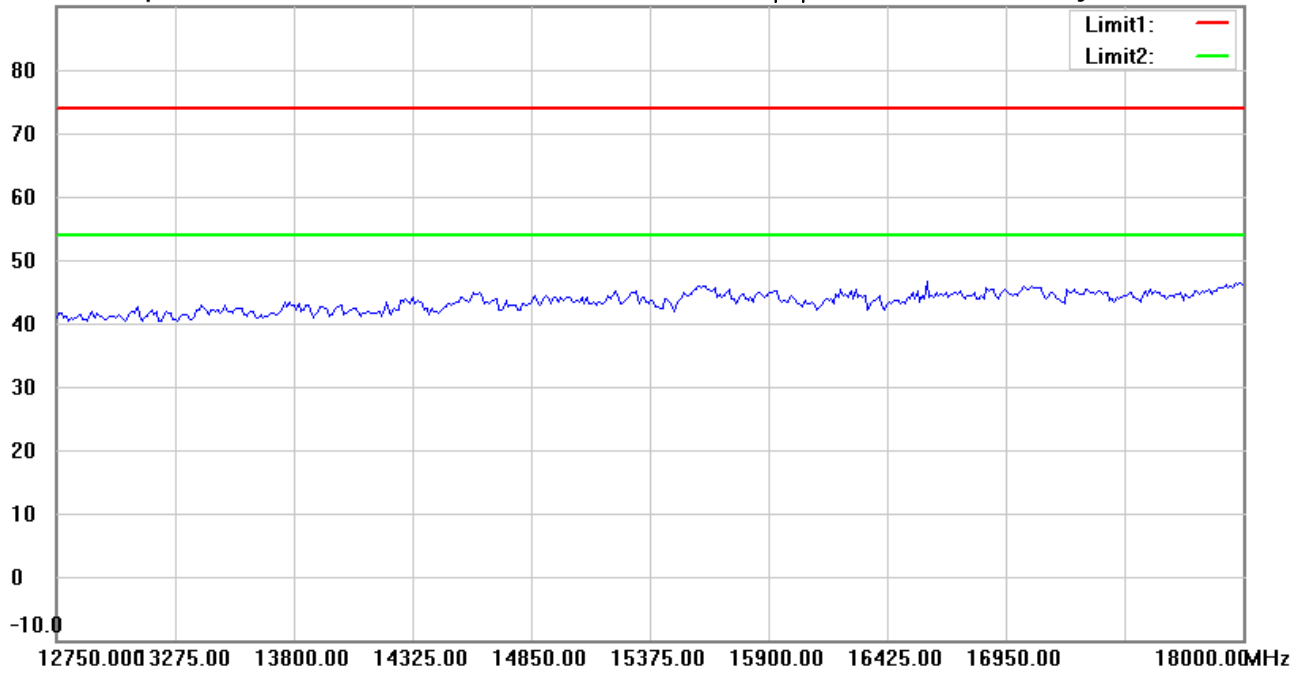
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:36:06

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

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: Eason

File :3

Data :#5

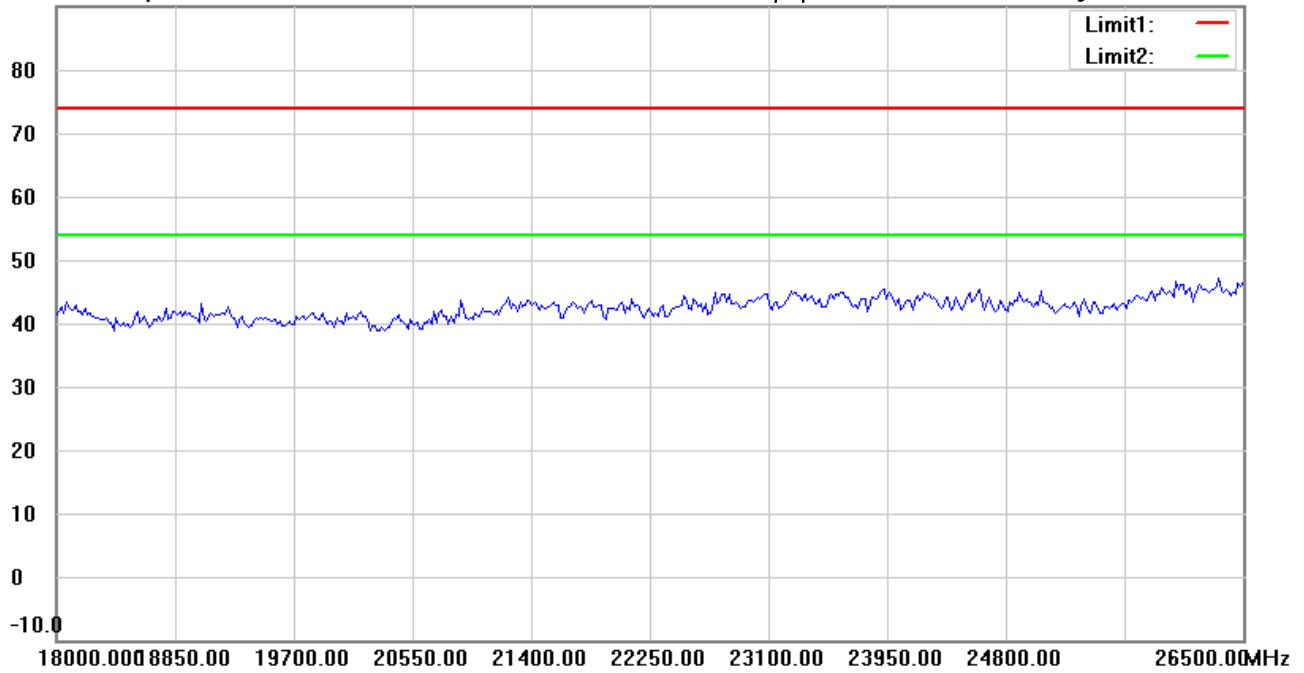
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:31:45

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

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: Eason

File :3

Data :#10

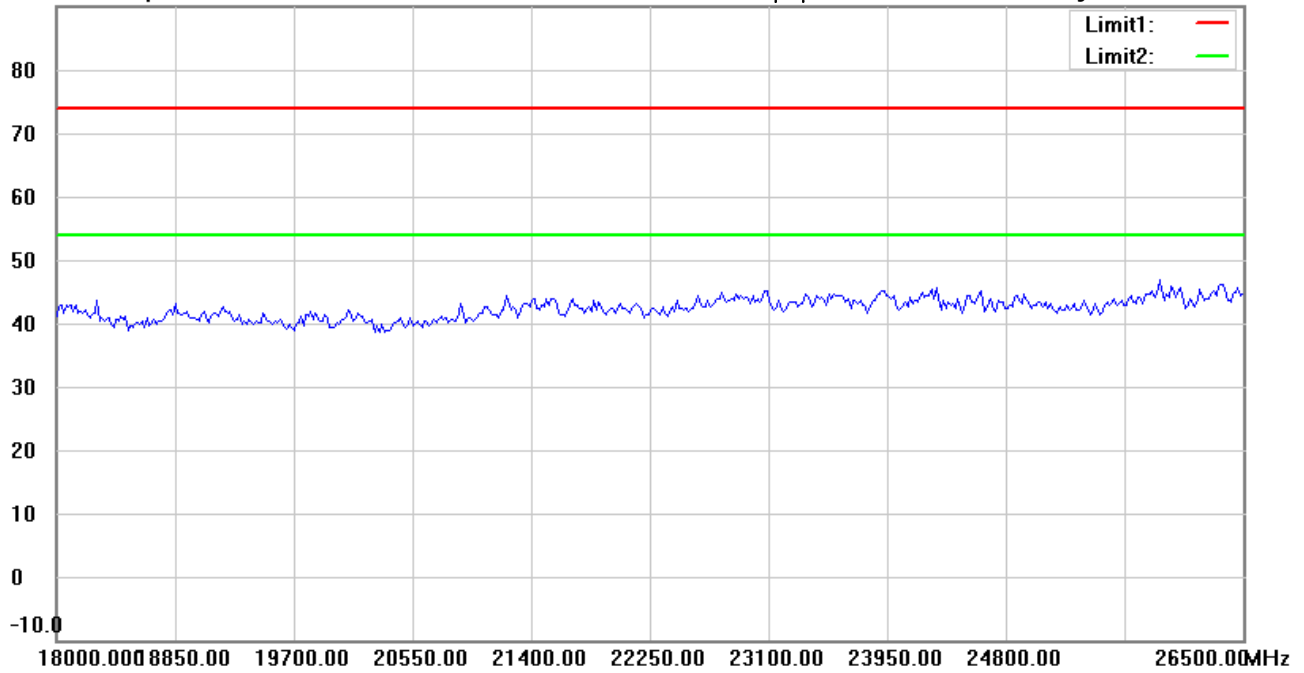
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:36:16

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

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: Eason

File :3

Data :#1

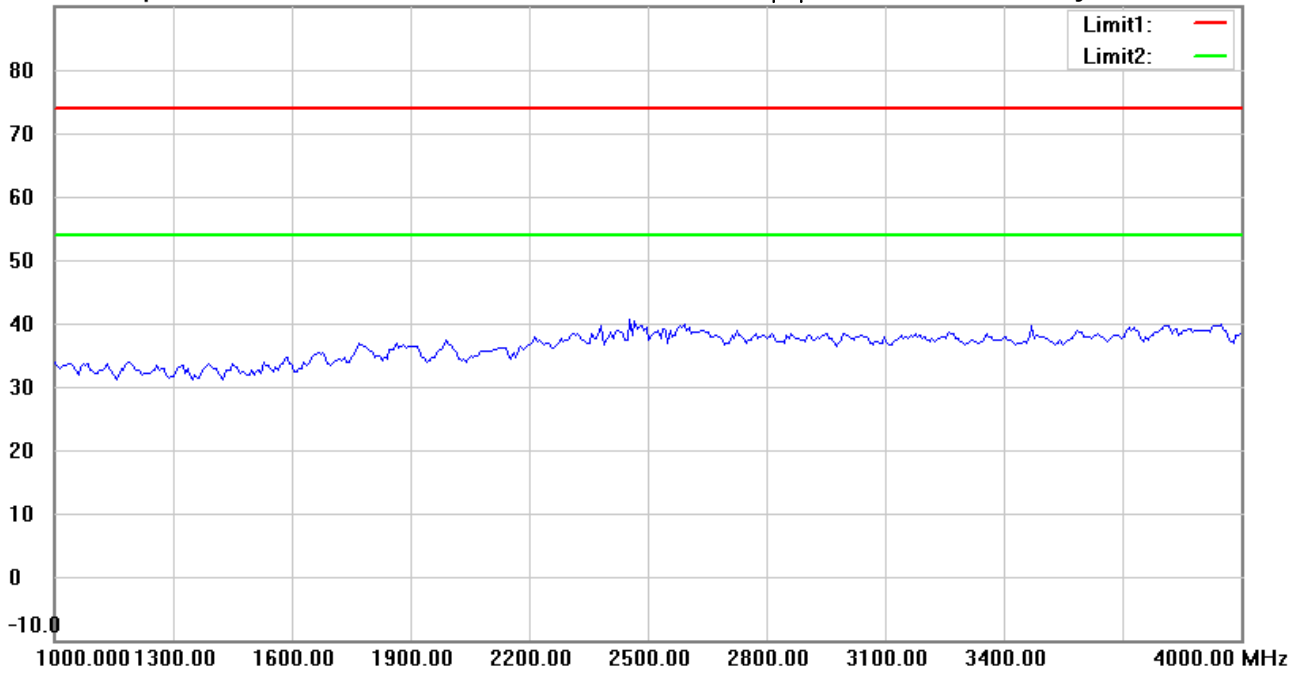
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:43:51

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

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: Eason

File :3

Data :#6

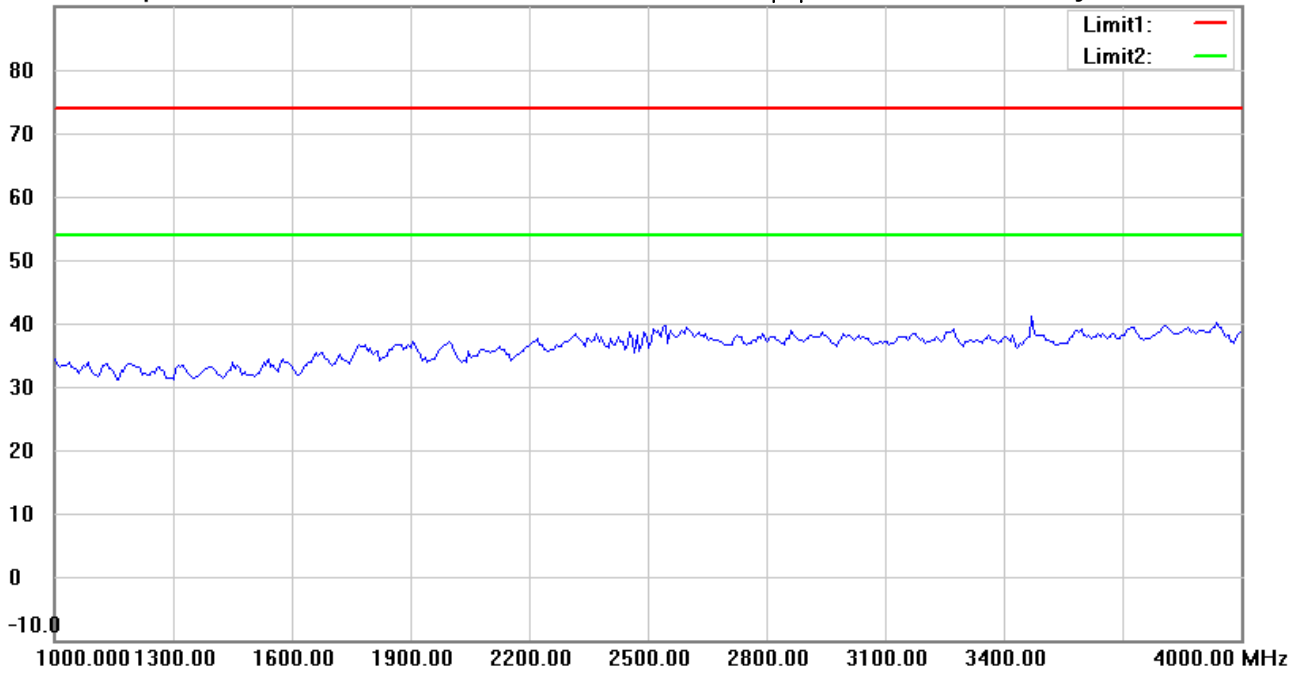
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:48:31

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

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

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



Radiated Emission Measurement

Operator: Eason

File :3

Data :#2

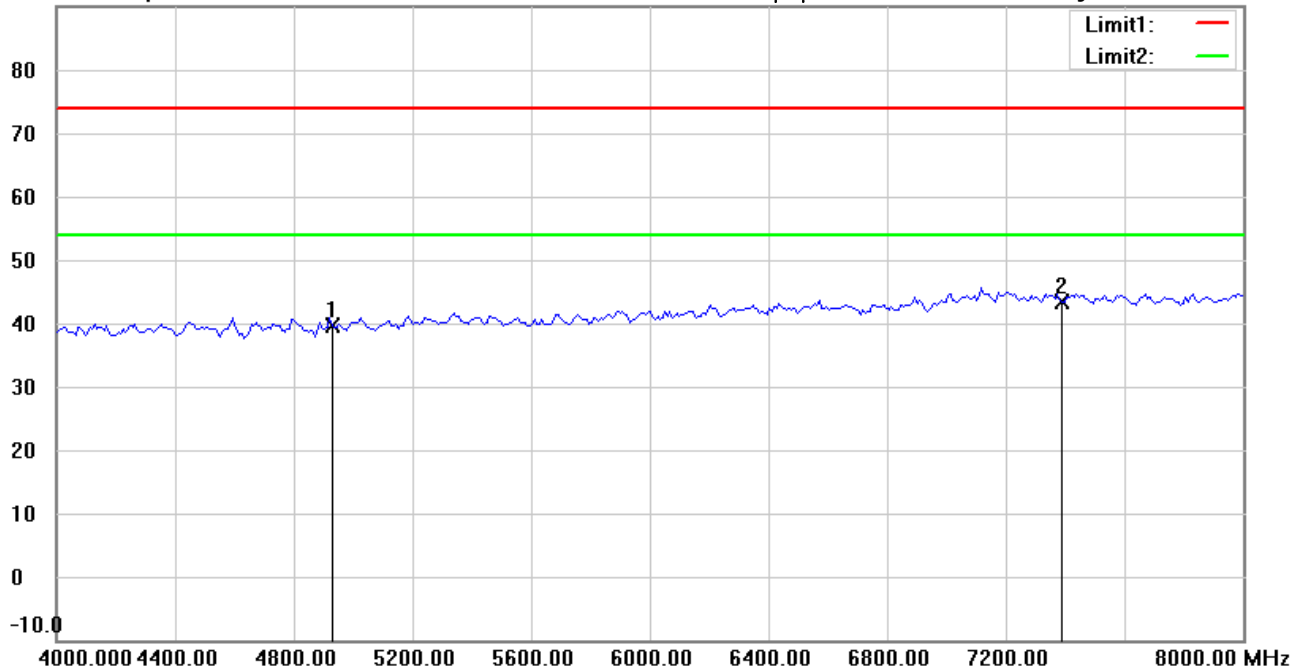
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:45:11

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

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
	4924.000	40.84	peak	-1.11	39.73	74.00	150	147	-34.27	
*	7386.000	39.42	peak	4.06	43.48	74.00	150	122	-30.52	



Radiated Emission Measurement

Operator: Eason

File :3

Data :#7

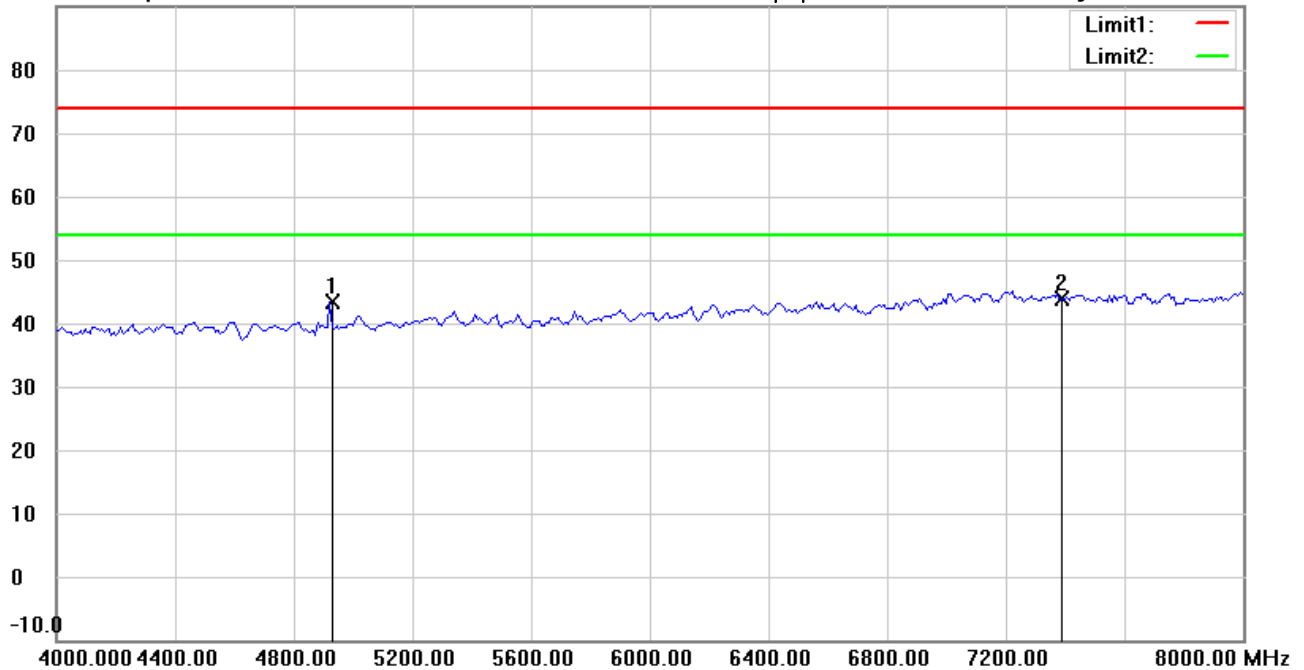
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:49:52

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

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
	4921.844	44.51	peak	-1.13	43.38	74.00	150	93	-30.62	
*	7386.000	39.72	peak	4.06	43.78	74.00	150	68	-30.22	



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#3

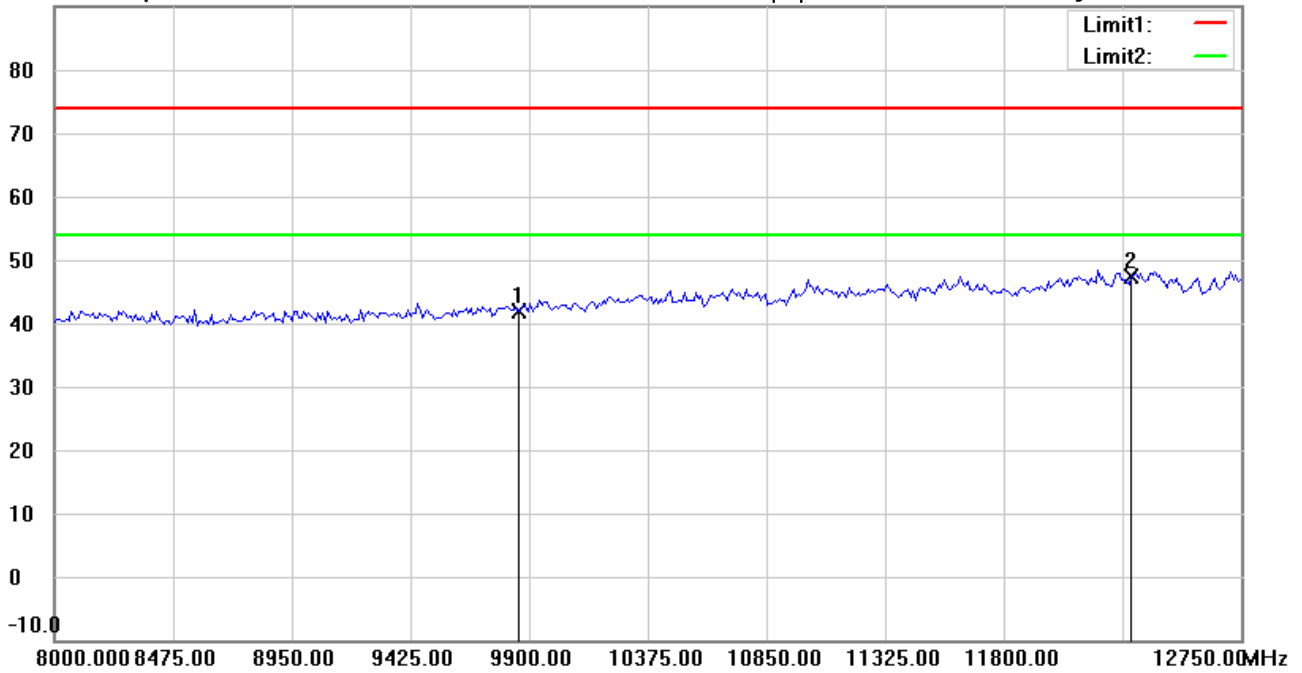
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:46:42

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

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
	9848.000	34.54	peak	7.32	41.86	74.00	150	62	-32.14	
*	12310.000	34.30	peak	13.20	47.50	74.00	150	131	-26.50	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#8

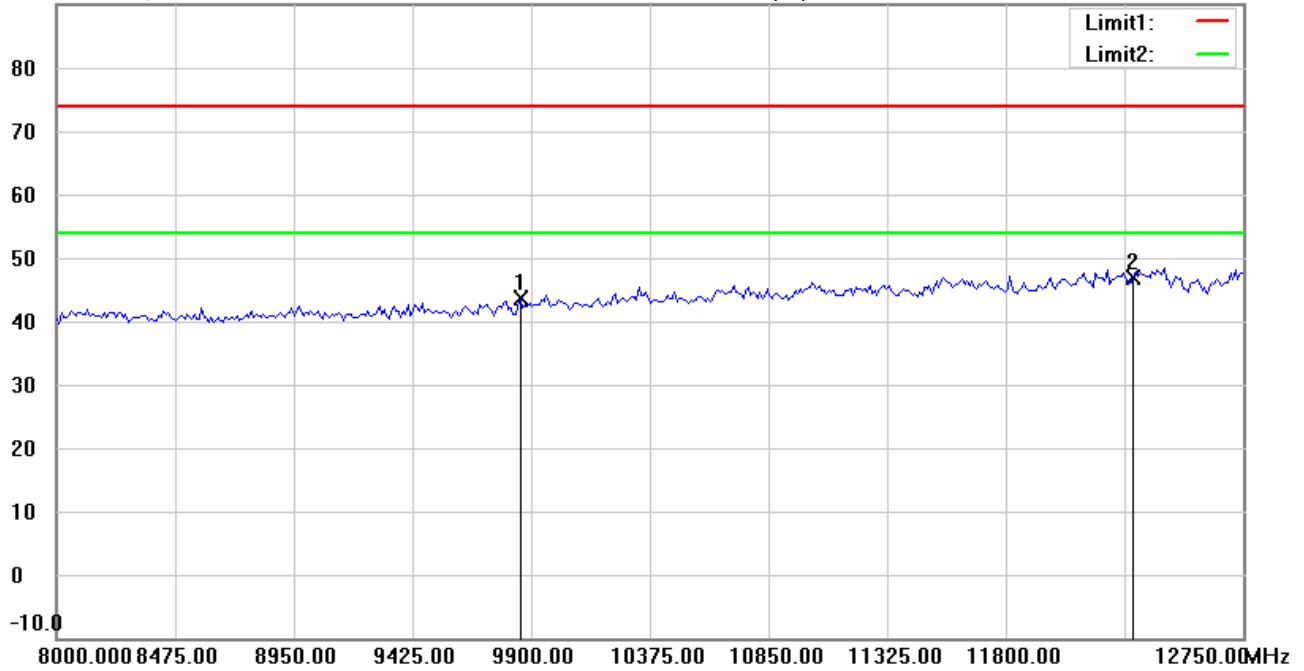
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:51:15

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

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
	9848.000	36.22	peak	7.32	43.54	74.00	150	45	-30.46	
*	12310.000	33.64	peak	13.20	46.84	74.00	150	69	-27.16	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#4

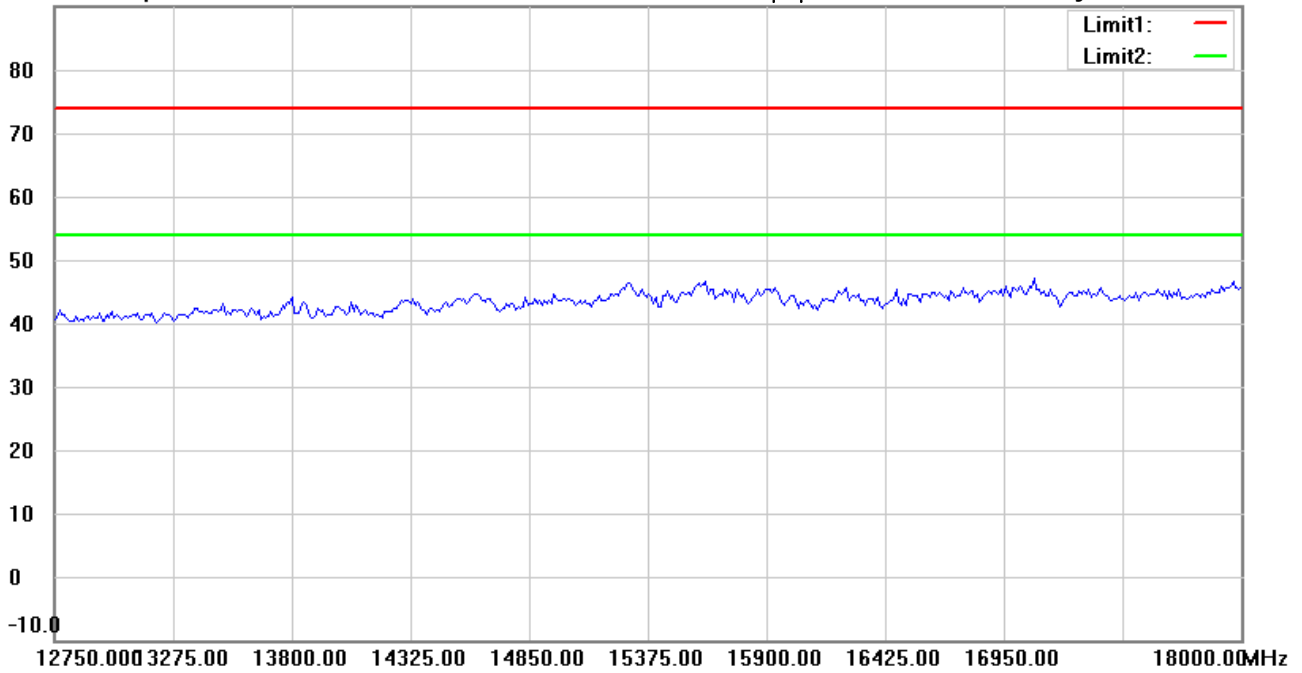
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:46:56

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

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: Eason

File :3

Data :#9

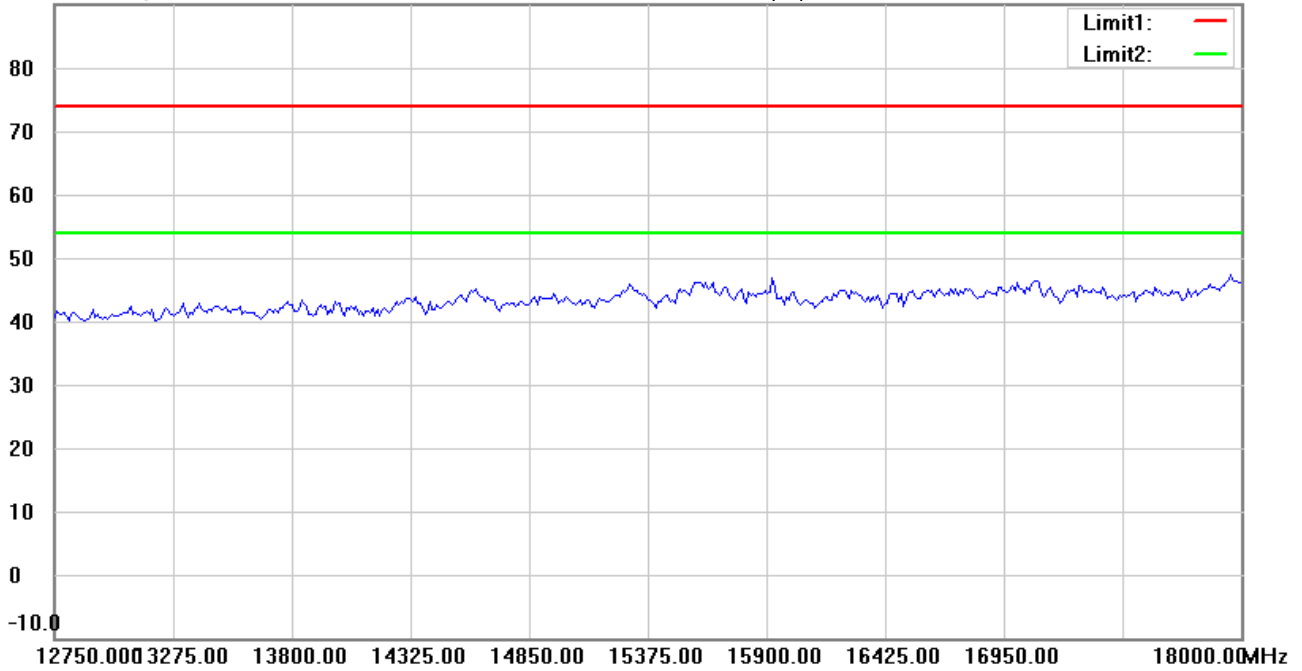
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:51:29

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

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



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

Operator: Eason

File :3

Data :#5

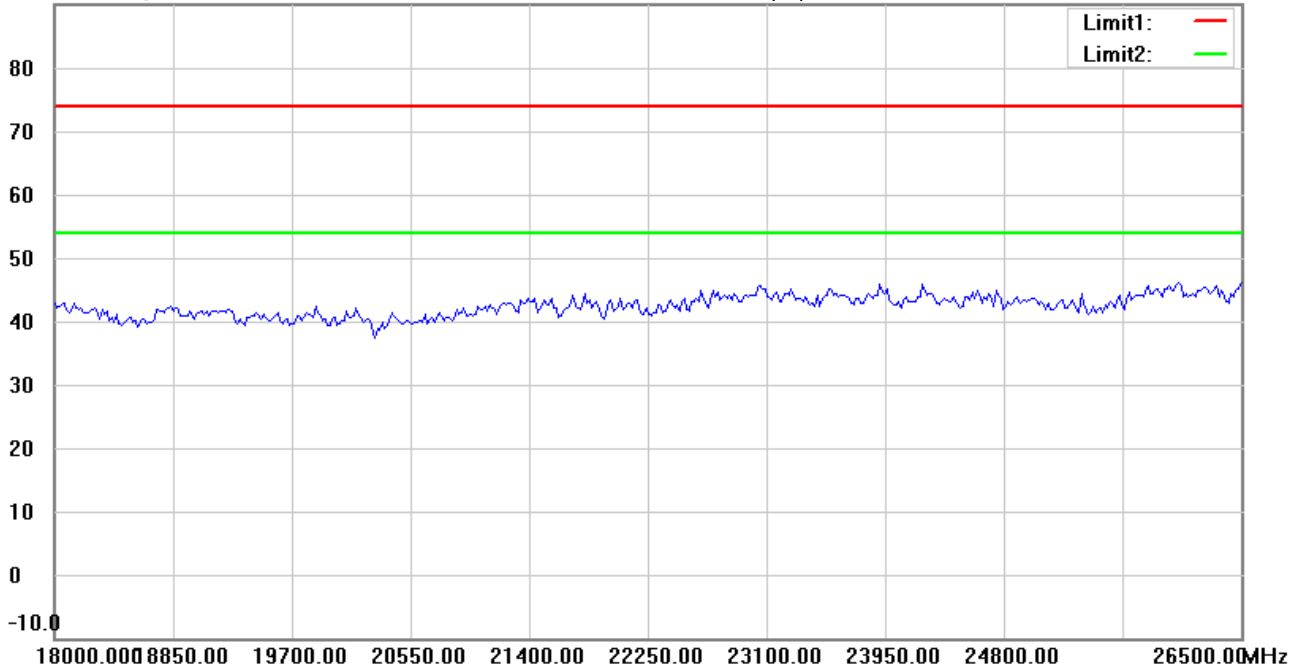
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:47:06

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

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: Eason

File :3

Data :#10

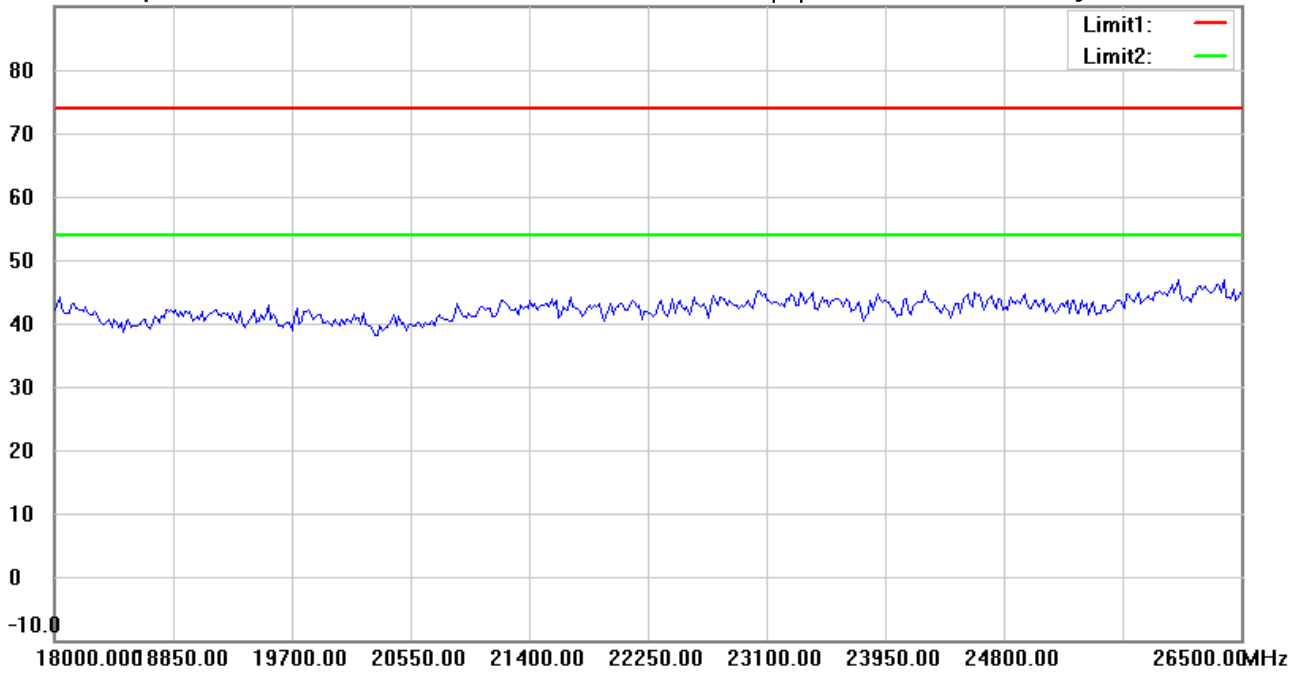
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 03:51:39

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

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: Eason

File :3

Data :#1

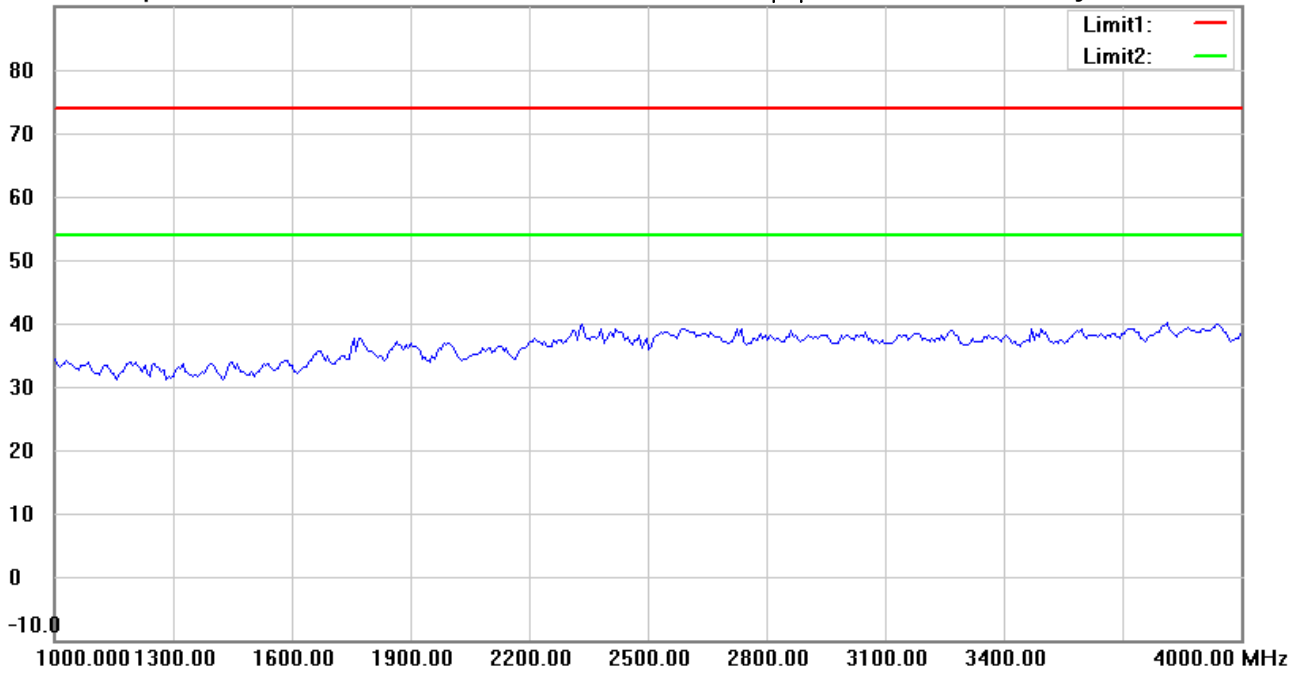
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:31:54

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 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: Eason

File :3

Data :#6

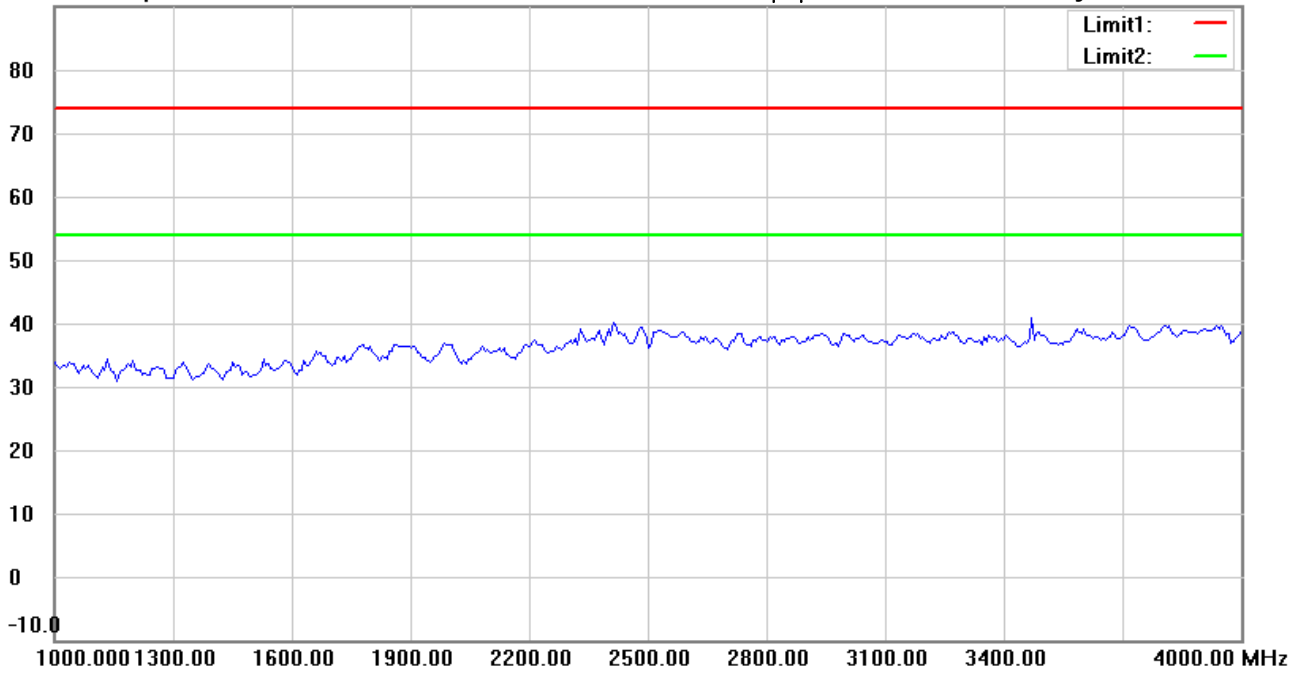
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:37:03

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 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: Eason

File :3

Data :#2

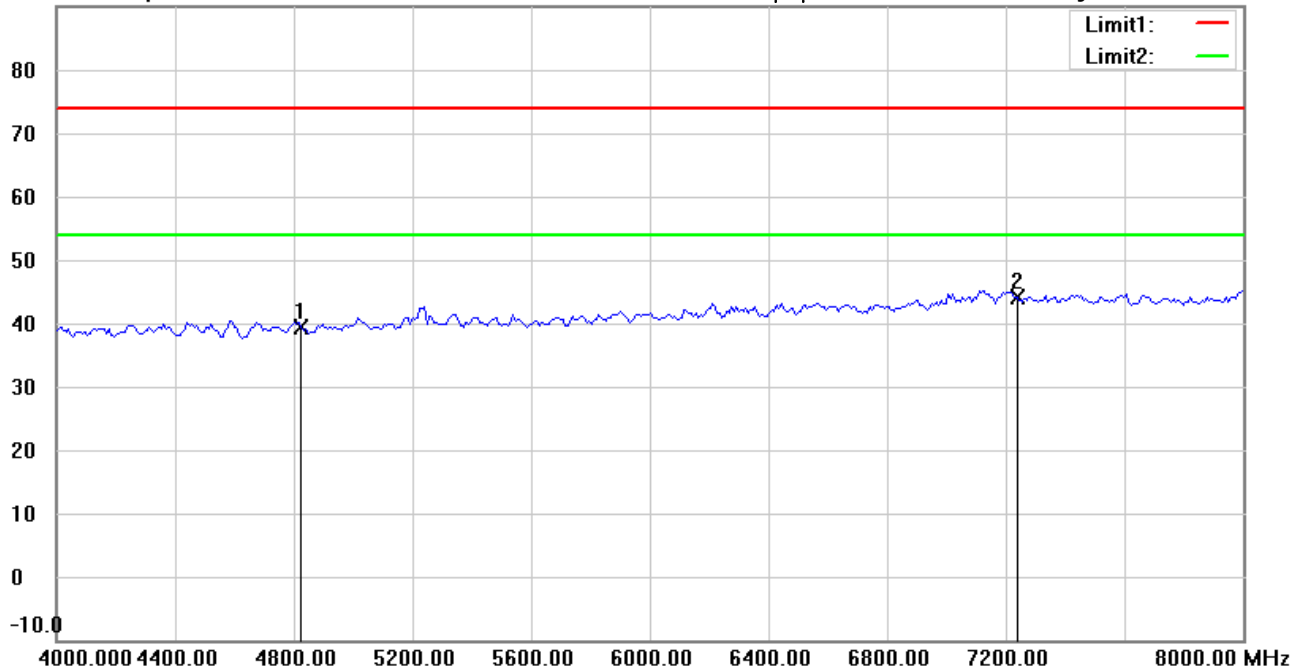
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:33:15

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Horizontal**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 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
	4824.000	40.98	peak	-1.65	39.33	74.00	150	41	-34.67	
*	7236.000	40.30	peak	3.93	44.23	74.00	150	113	-29.77	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#7

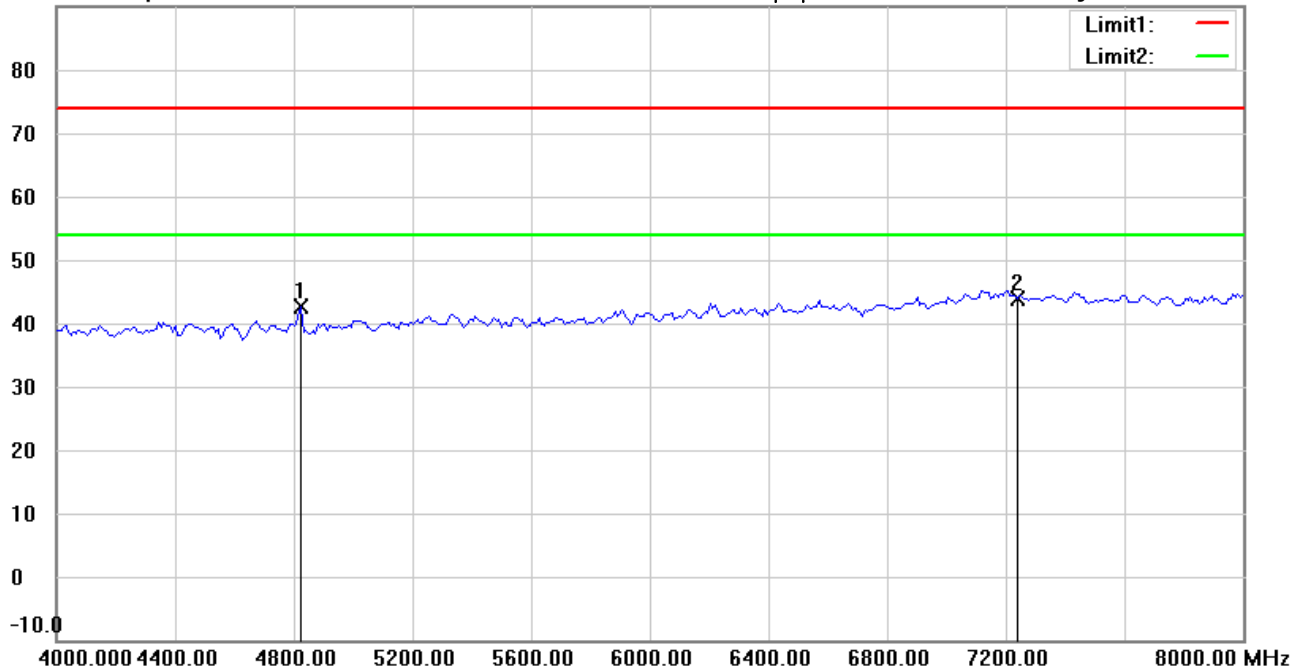
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:38:24

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 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
	4824.000	44.36	peak	-1.65	42.71	74.00	150	48	-31.29	
*	7236.000	40.02	peak	3.93	43.95	74.00	150	301	-30.05	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#3

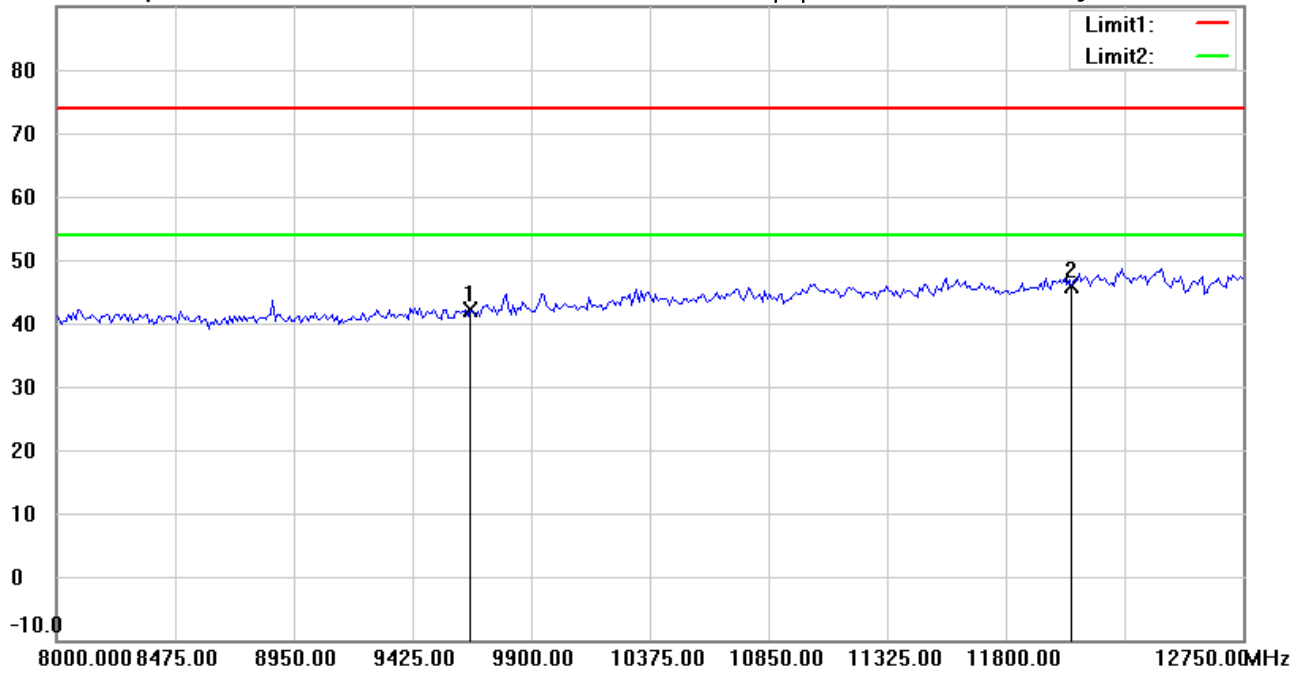
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:35:15

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 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
	9648.000	35.28	peak	6.81	42.09	74.00	150	45	-31.91	
*	12060.000	33.24	peak	12.53	45.77	74.00	150	91	-28.23	

*: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: Eason

File :3

Data :#8

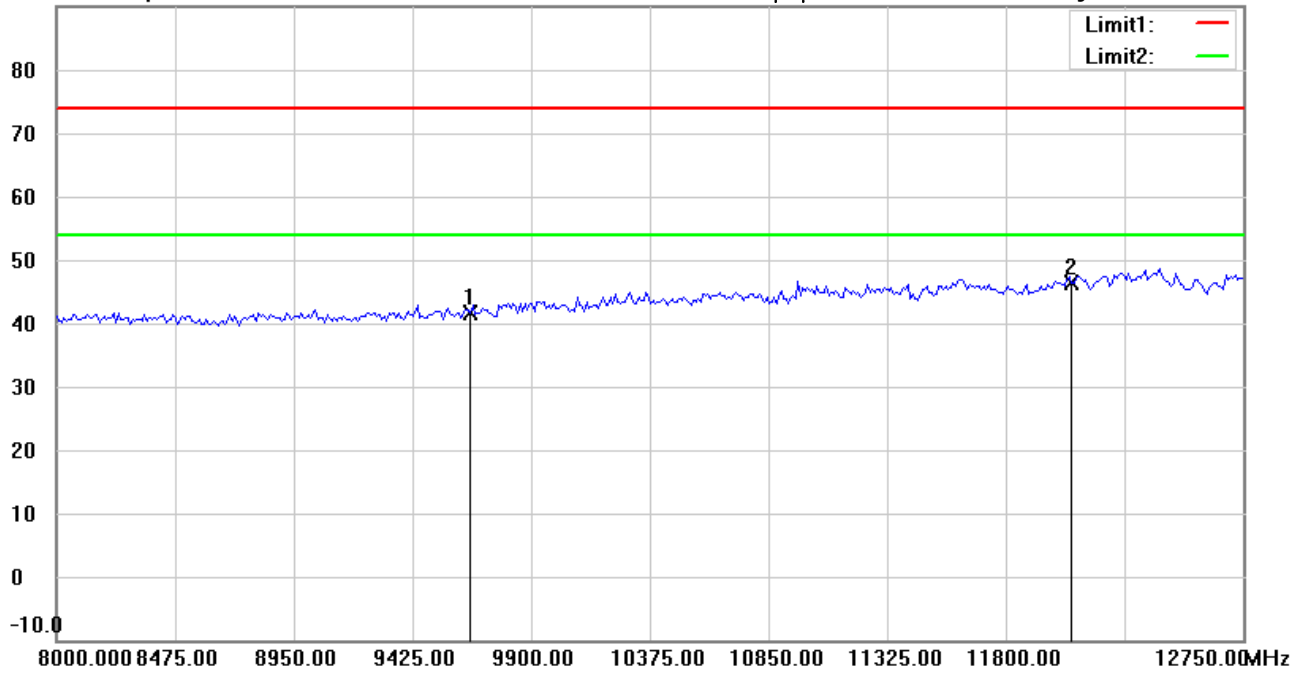
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:39:48

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 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
	9648.000	34.84	peak	6.81	41.65	74.00	150	80	-32.35	
*	12060.000	33.91	peak	12.53	46.44	74.00	150	234	-27.56	

*: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: Eason

File :3

Data :#4

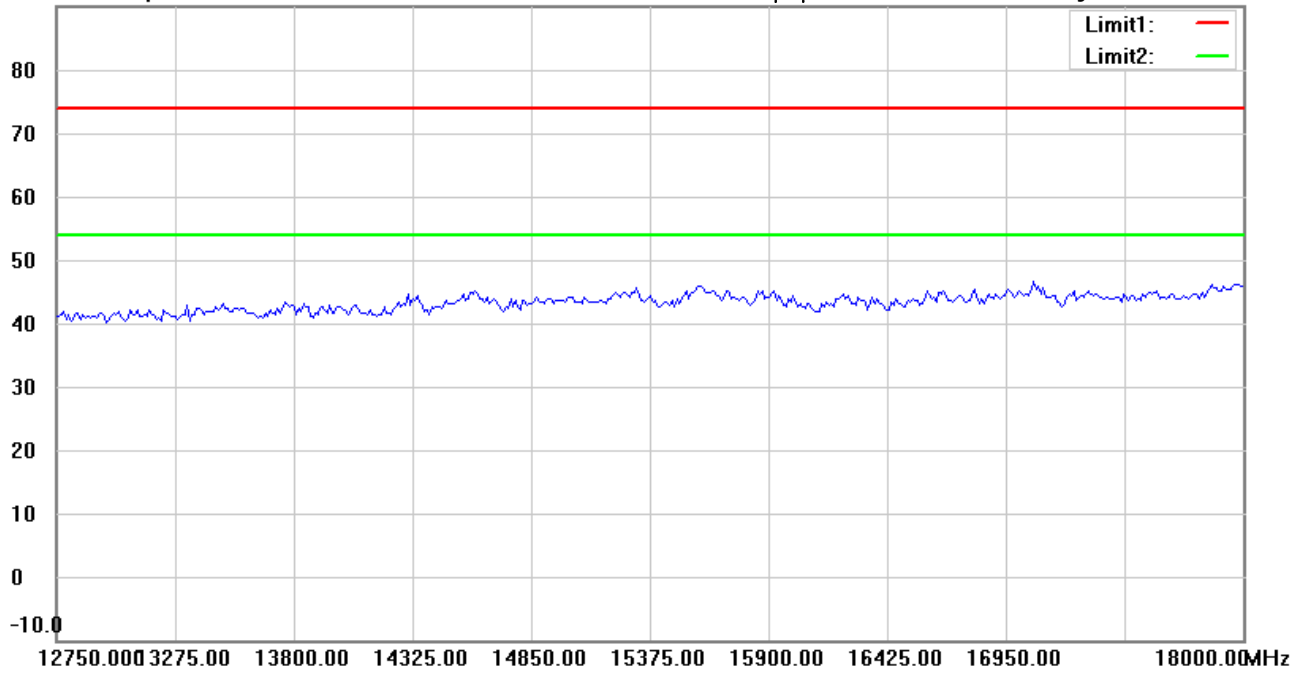
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:35:29

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 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: Eason

File :3

Data :#9

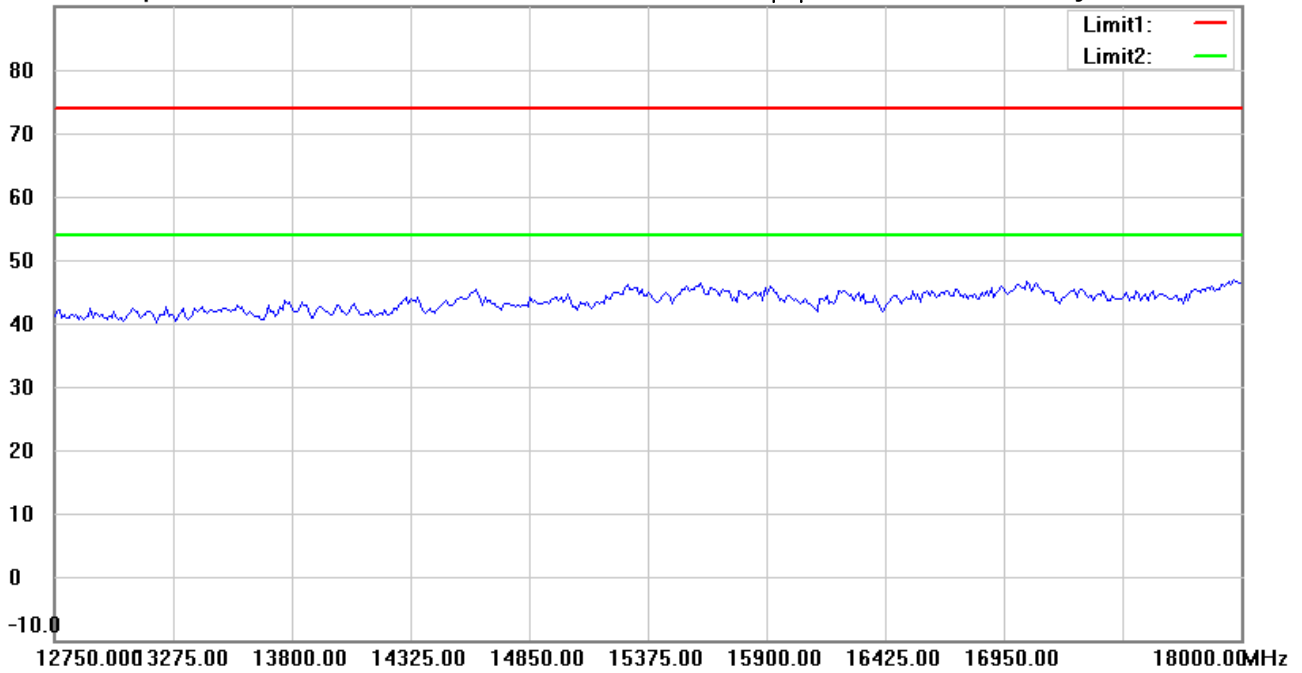
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:40:01

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 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: Eason

File :3

Data :#5

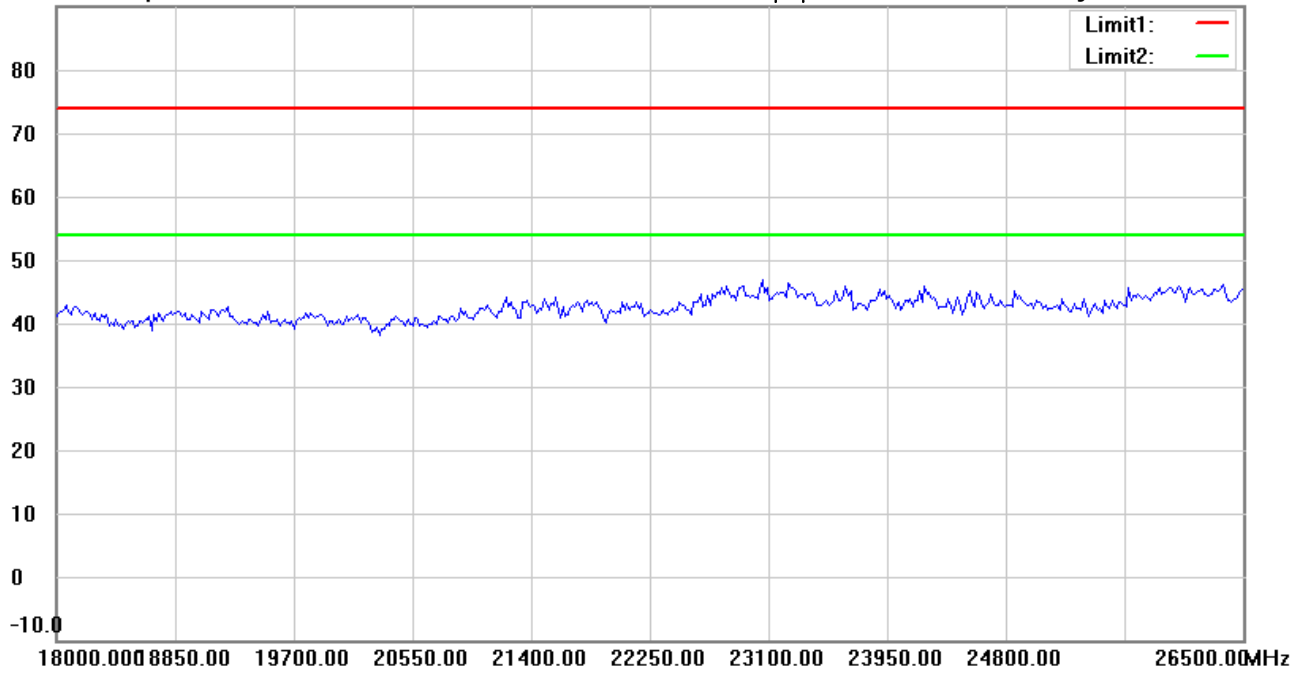
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:35:39

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 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: Eason

File :3

Data :#10

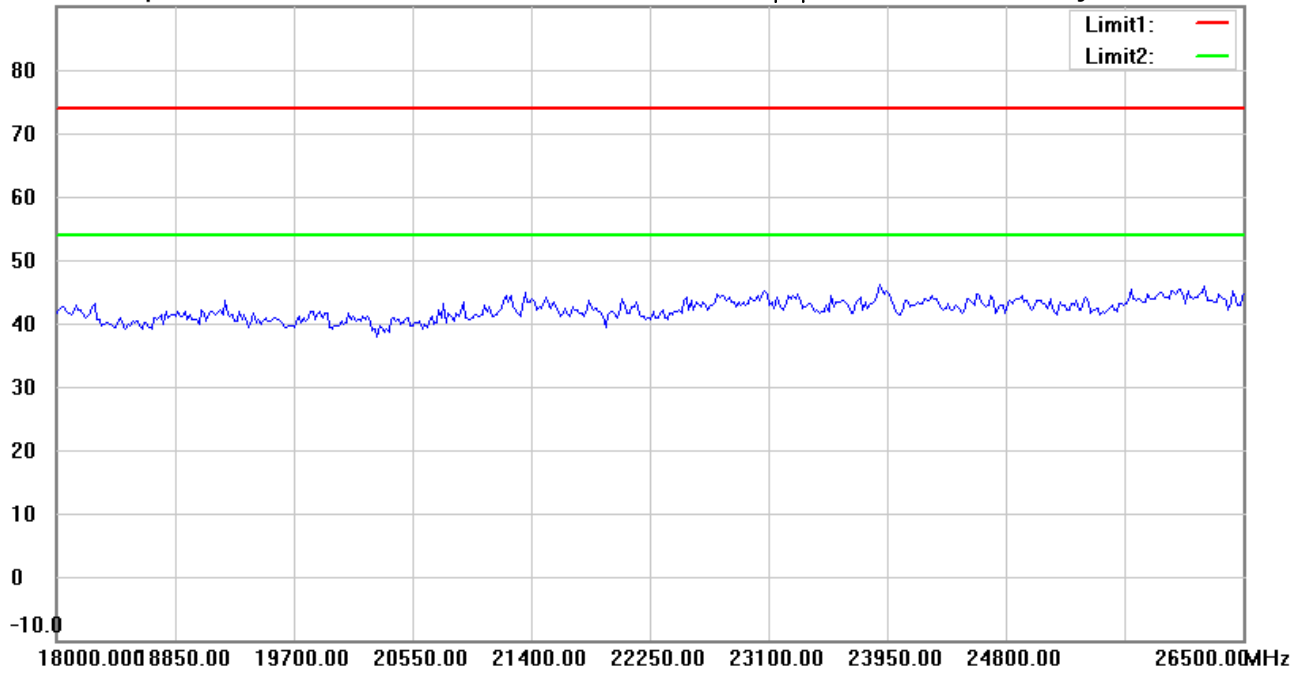
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:40:11

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 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: Eason

File :3

Data :#1

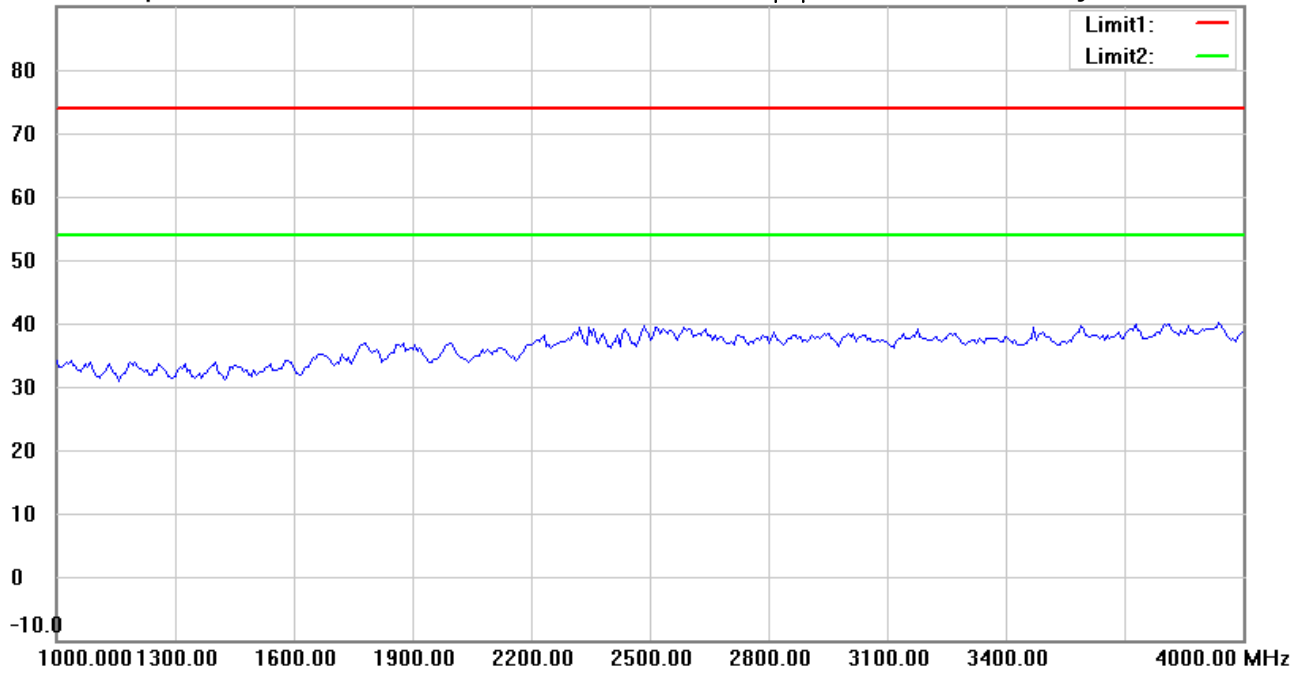
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:47:14

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH6

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: Eason

File :3

Data :#6

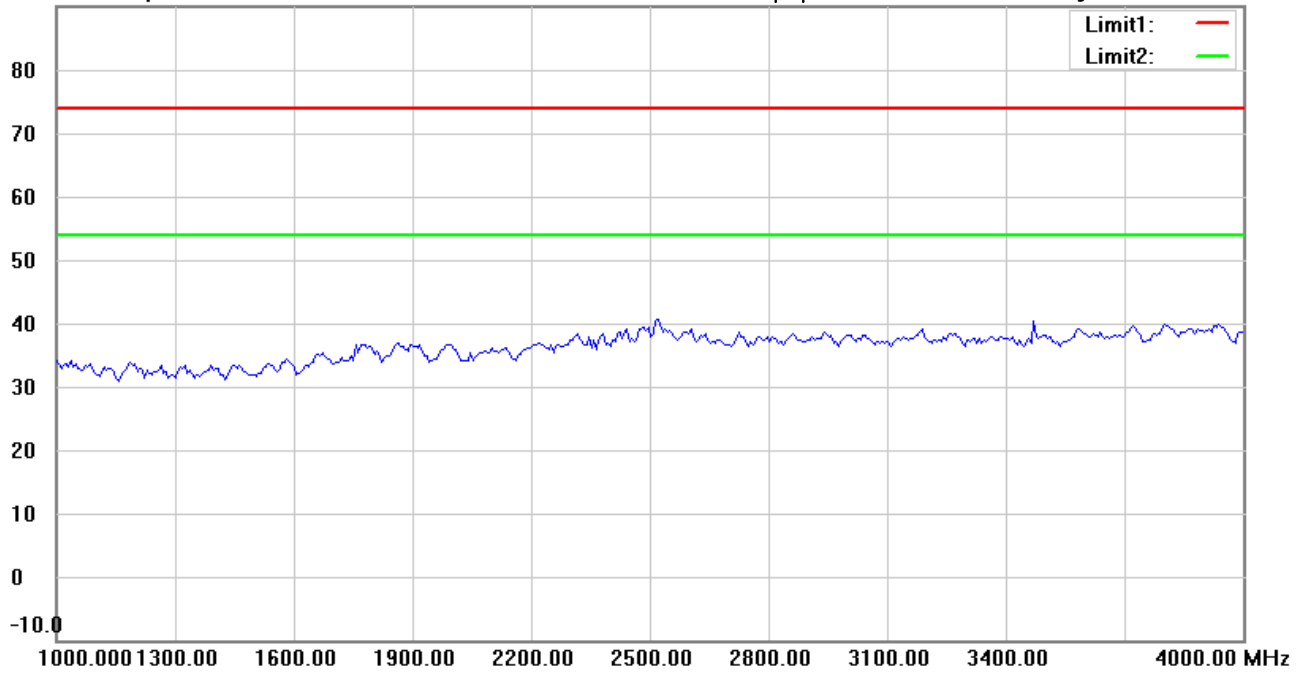
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:52:00

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH6

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



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: Eason

File :3

Data :#2

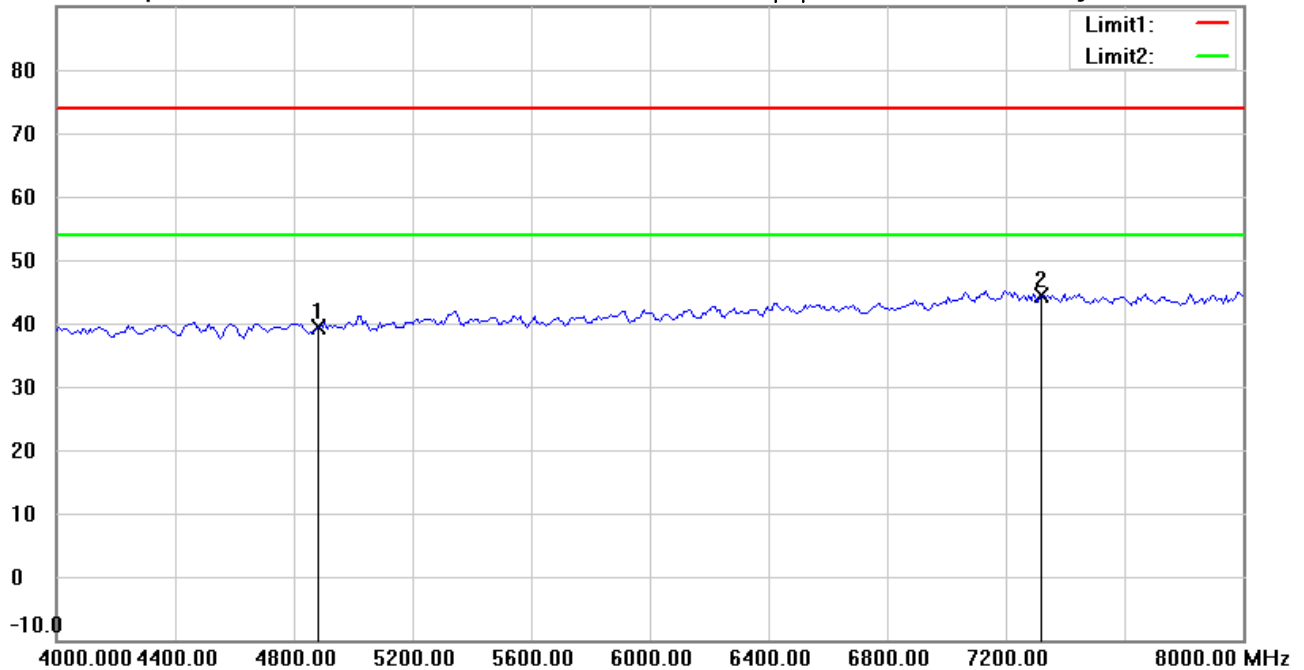
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:48:35

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH6

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
	4874.000	40.91	peak	-1.43	39.48	74.00	150	155	-34.52	
*	7311.000	40.53	peak	3.82	44.35	74.00	150	87	-29.65	

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



Radiated Emission Measurement

Operator: Eason

File :3

Data :#7

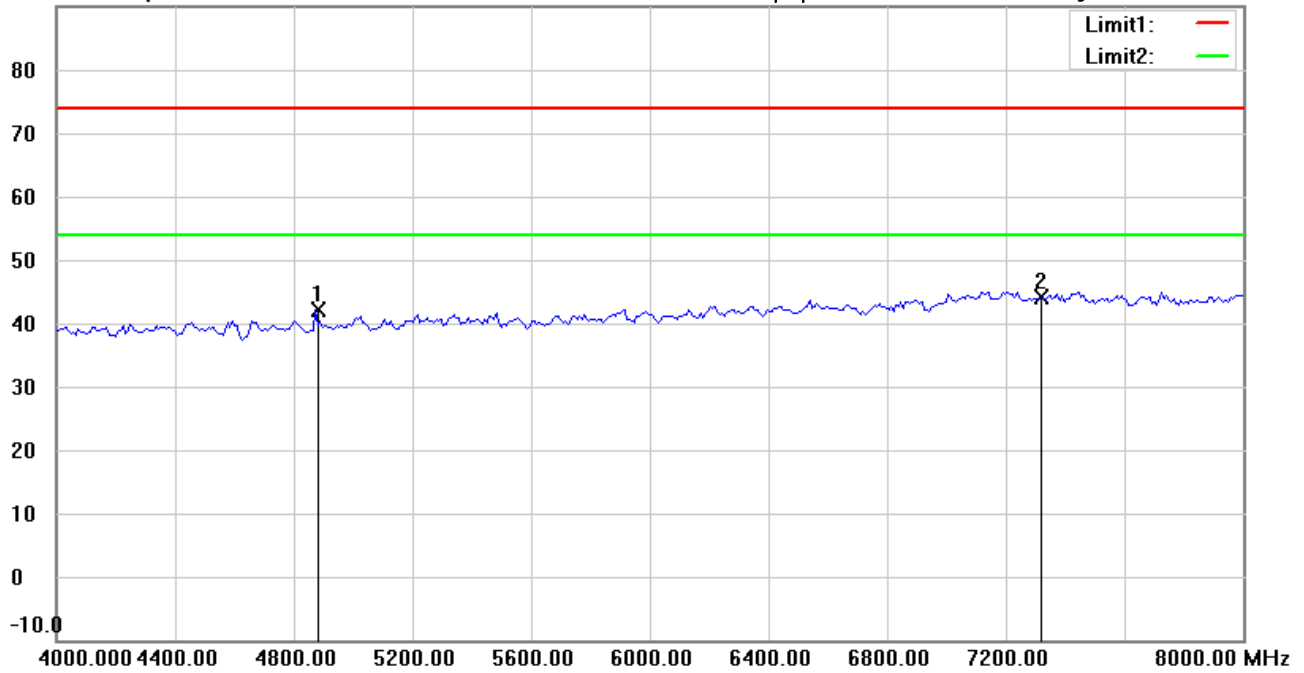
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:53:21

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH6

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
	4873.748	43.64	peak	-1.43	42.21	74.00	150	225	-31.79	
*	7311.000	40.20	peak	3.82	44.02	74.00	150	103	-29.98	



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#3

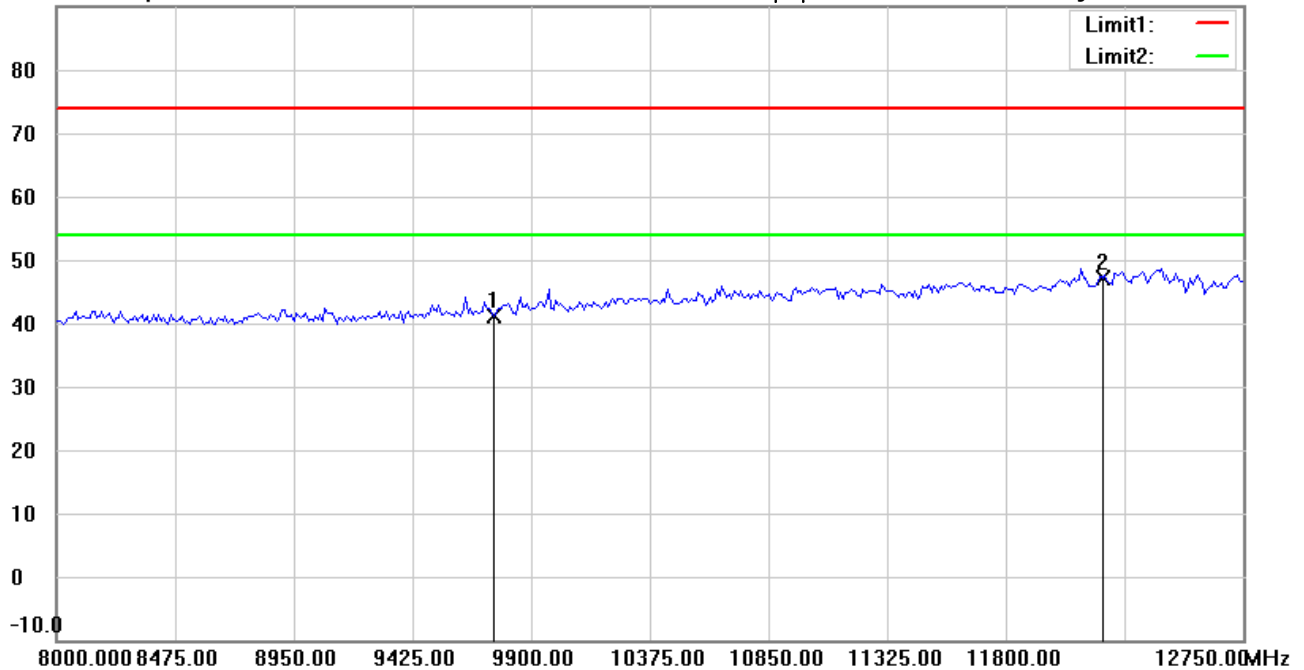
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:50:09

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Horizontal**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH6

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.24	peak	6.98	41.22	74.00	150	164	-32.78	
*	12185.000	33.60	peak	13.49	47.09	74.00	150	122	-26.91	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#8

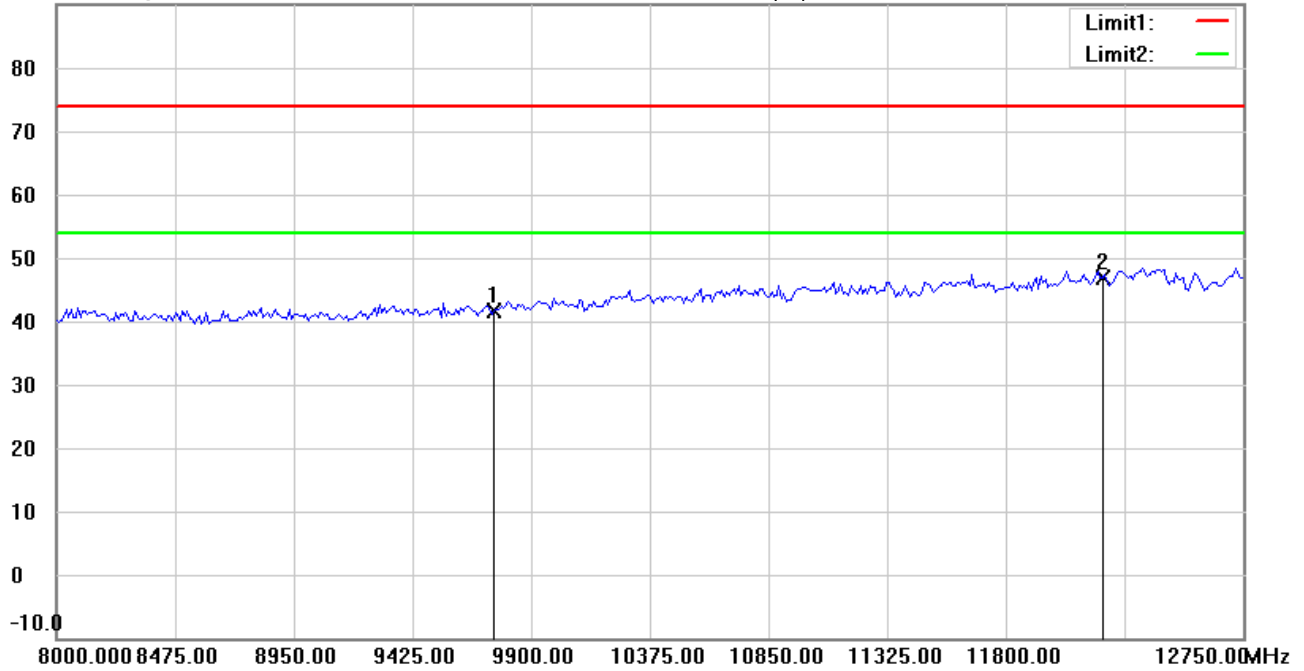
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:54:49

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH6

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.77	peak	6.98	41.75	74.00	150	301	-32.25	
*	12185.000	33.42	peak	13.49	46.91	74.00	150	245	-27.09	

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



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#4

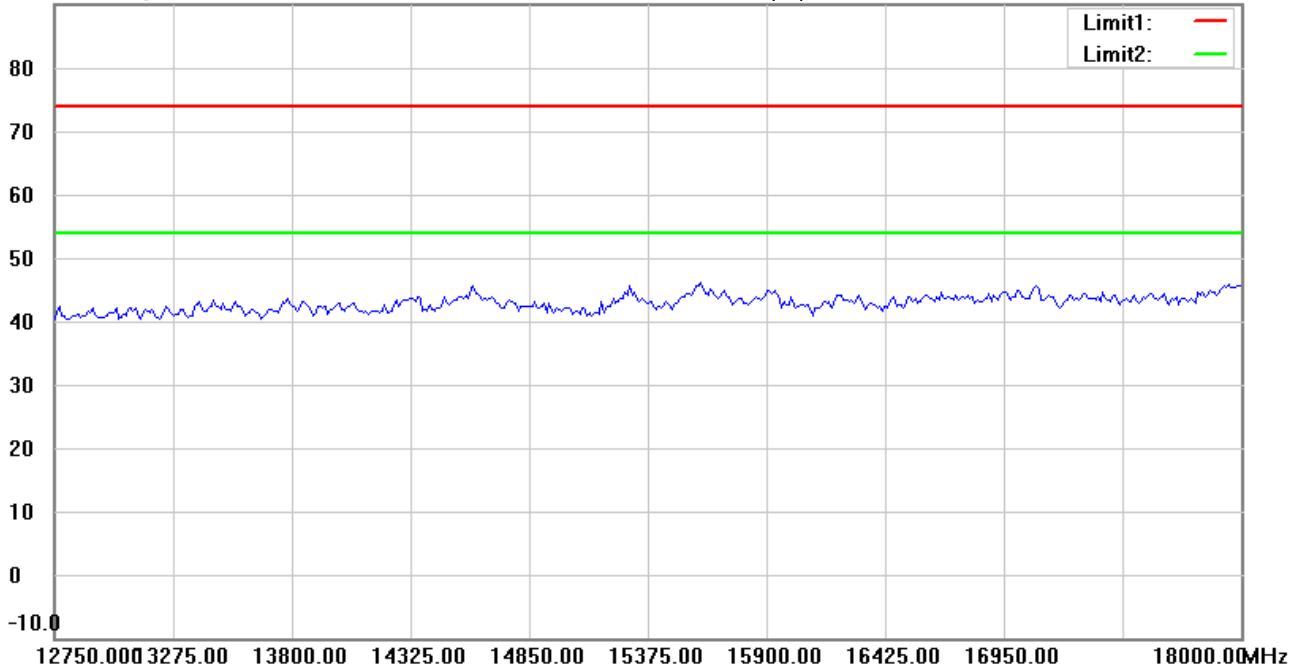
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:50:23

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH6

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: Eason

File :3

Data :#9

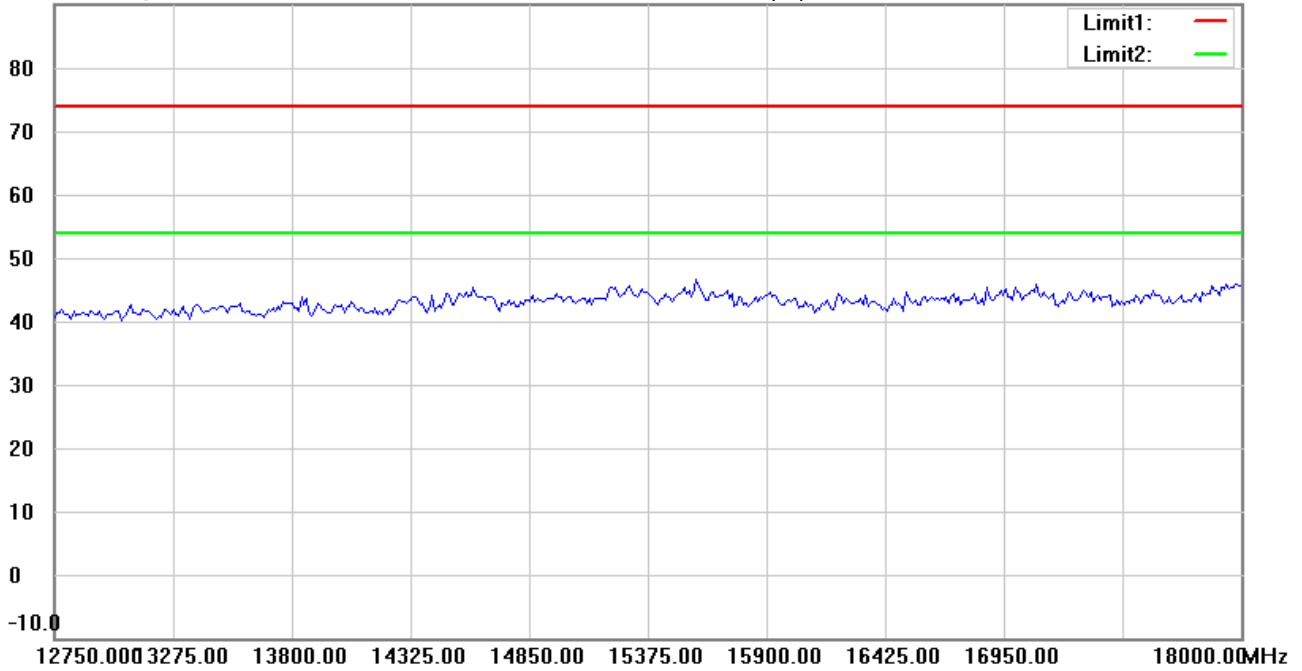
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:55:03

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH6

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



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

Operator: Eason

File :3

Data :#5

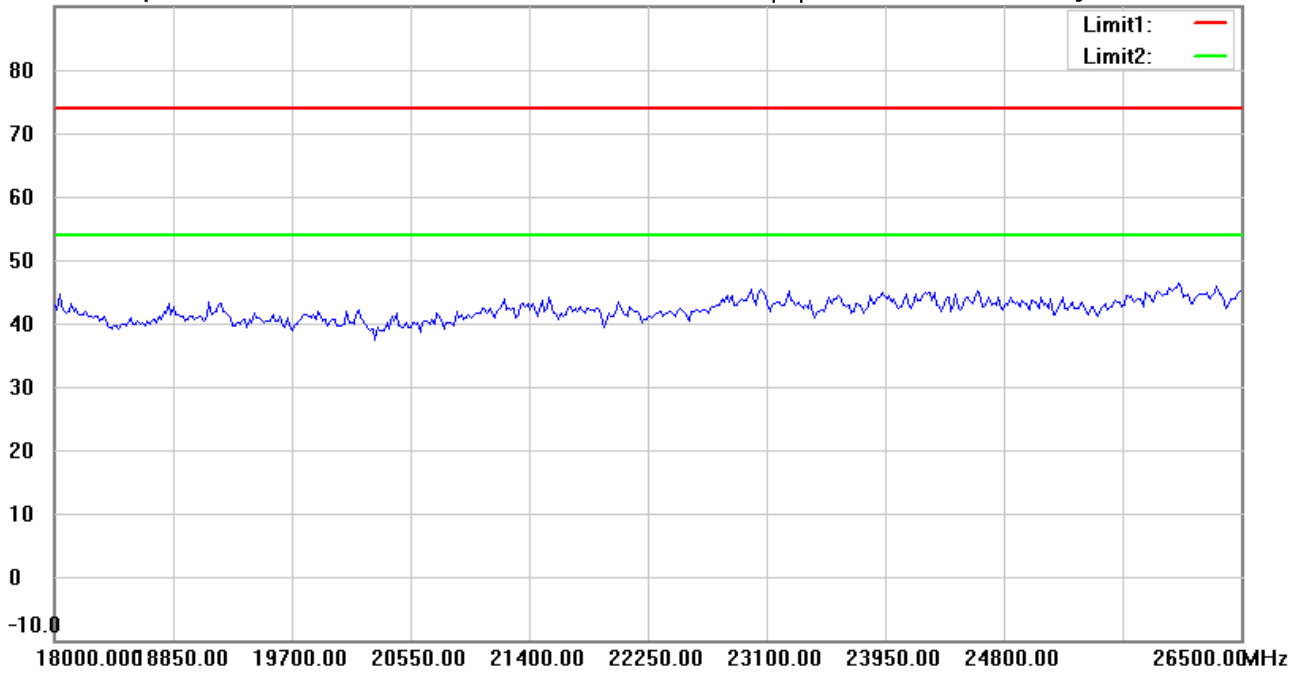
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:50:33

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH6

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: Eason

File :3

Data :#10

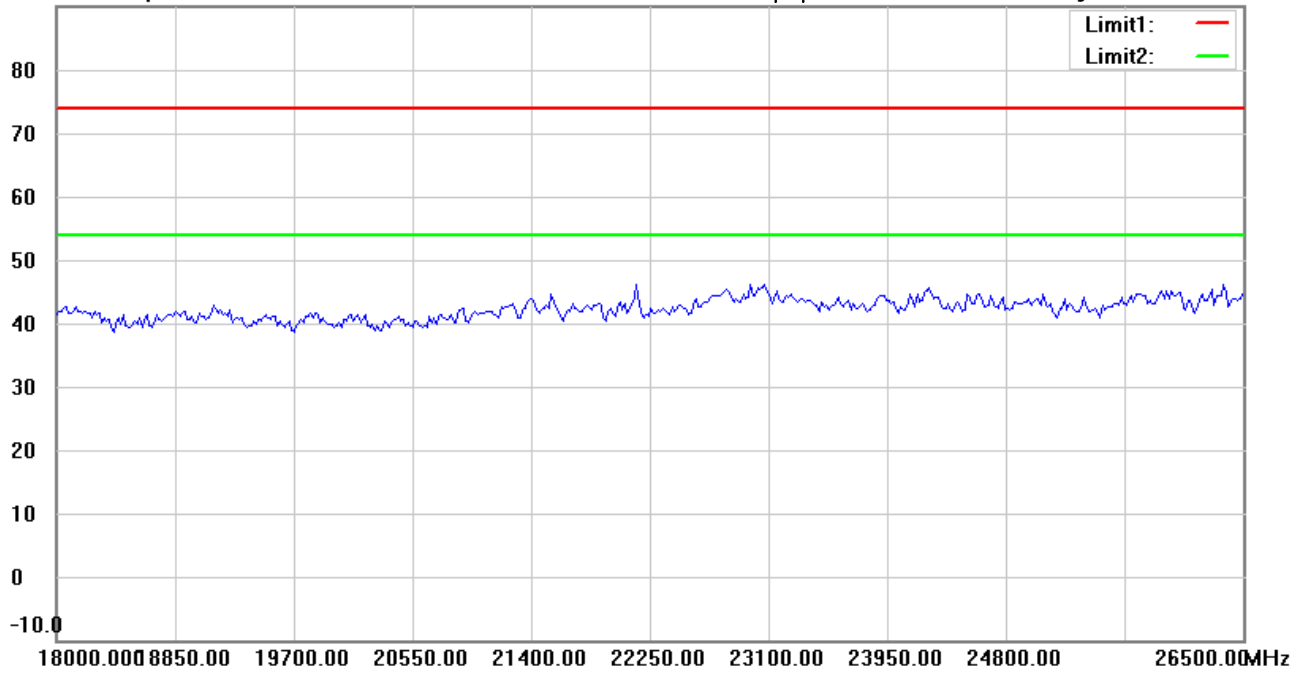
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 04:55:13

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH6

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

Operator: Eason

File :3

Data :#1

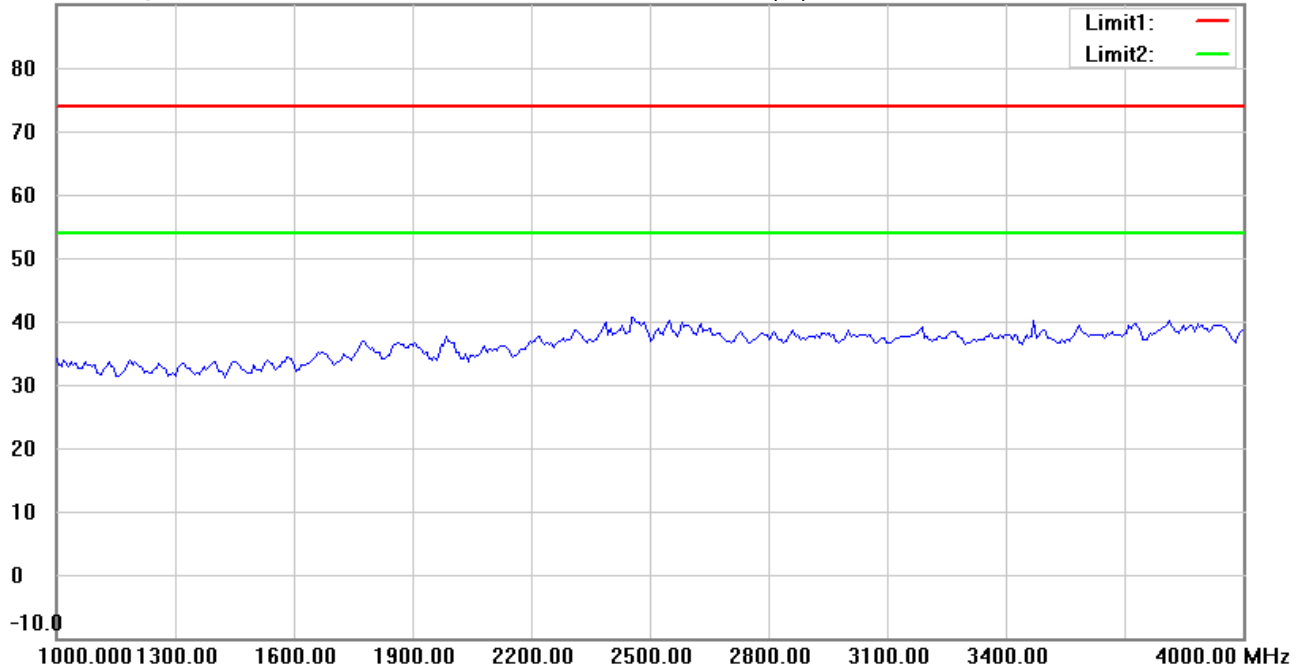
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 05:02:17

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH11

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

Operator: Eason

File :3

Data :#6

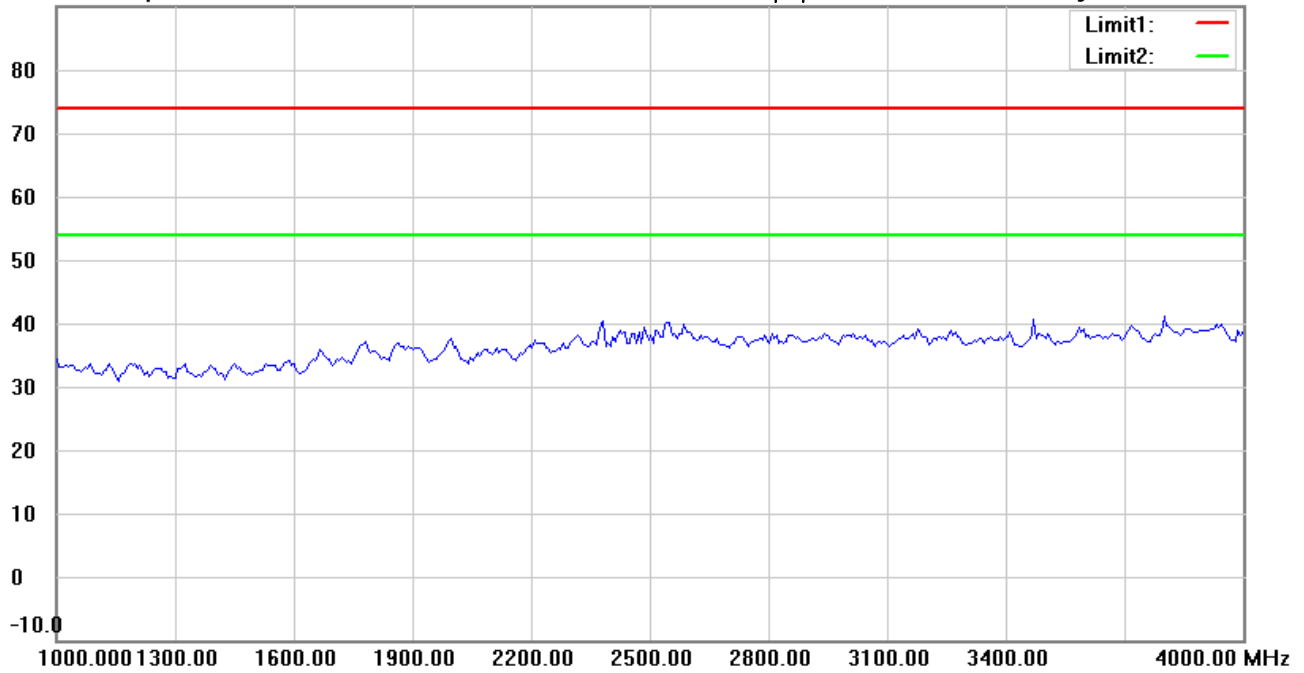
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 05:07:09

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH11

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



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

Operator: Eason

File :3

Data :#2

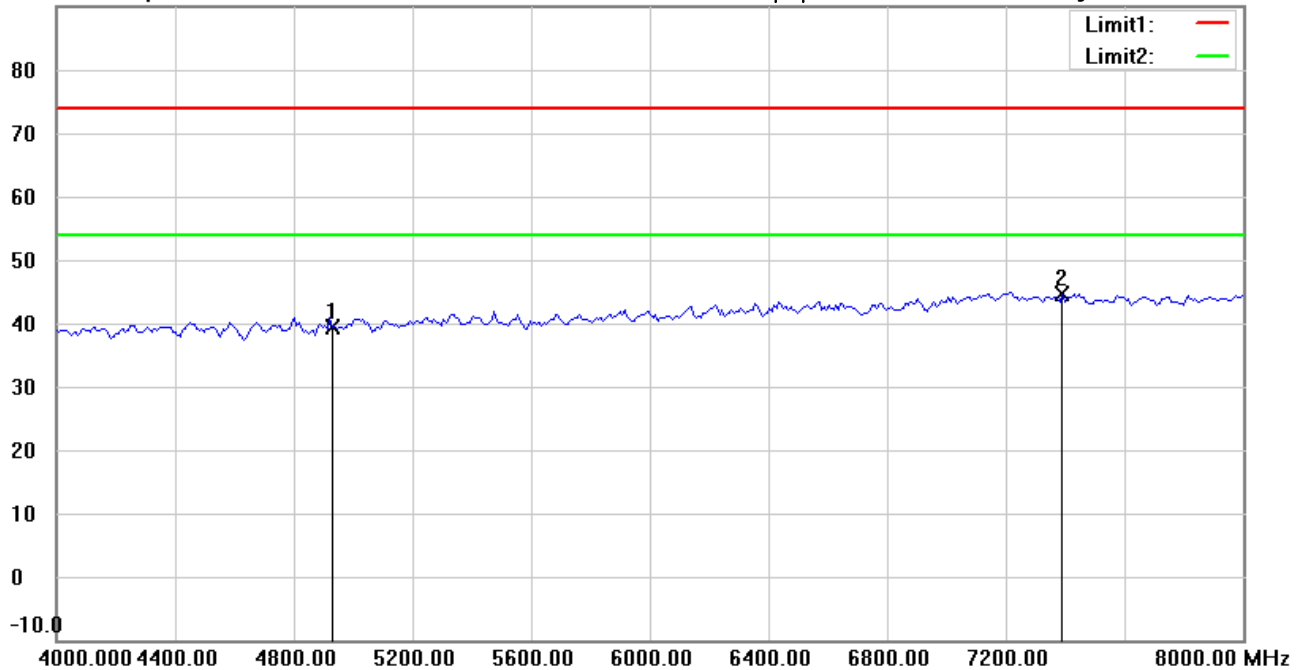
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 05:03:37

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH11

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
	4924.000	40.47	peak	-1.11	39.36	74.00	150	45	-34.64	
*	7386.000	40.52	peak	4.06	44.58	74.00	150	311	-29.42	

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



Radiated Emission Measurement

Operator: Eason

File :3

Data :#7

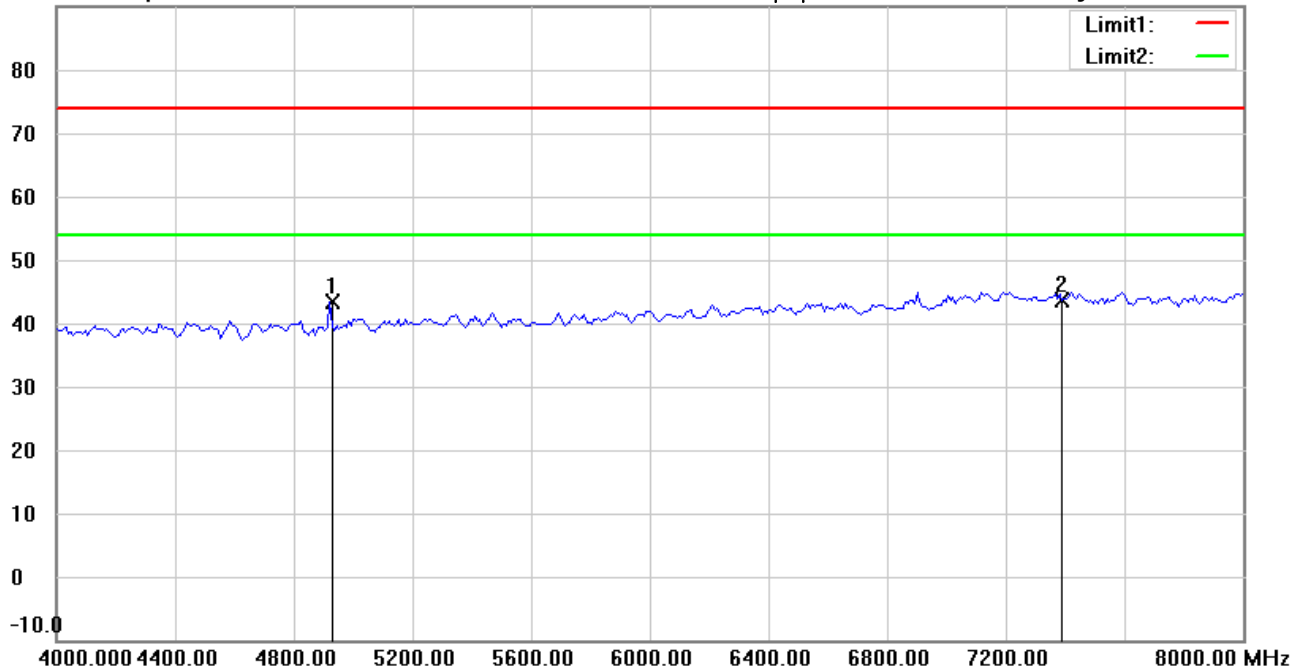
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 05:08:30

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH11

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
	4921.844	44.57	peak	-1.13	43.44	74.00	150	45	-30.56	
*	7386.000	39.67	peak	4.06	43.73	74.00	150	92	-30.27	



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Radiated Emission Measurement

Operator: Eason

File :3

Data :#3

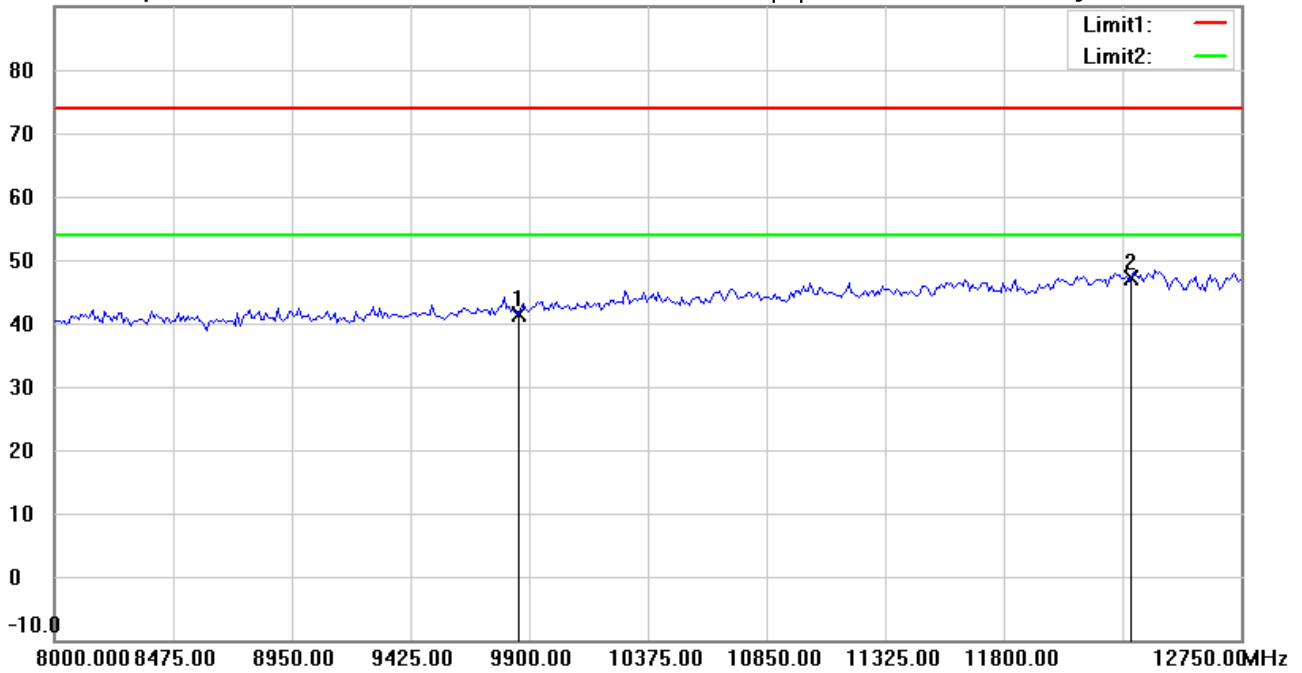
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 05:05:07

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH11

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
	9848.000	34.15	peak	7.32	41.47	74.00	150	192	-32.53	
*	12310.000	33.91	peak	13.20	47.11	74.00	150	204	-26.89	

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



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

Operator: Eason

File :3

Data :#8

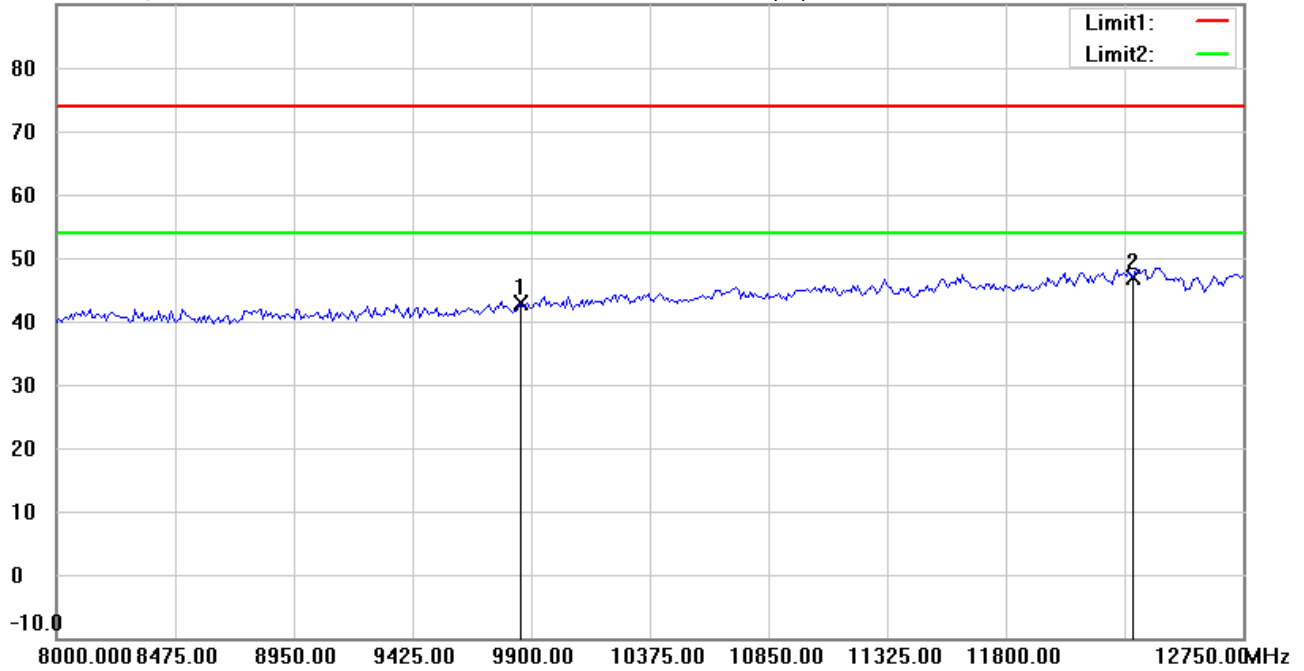
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 05:09:54

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH11

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
	9848.000	35.50	peak	7.32	42.82	74.00	150	48	-31.18	
*	12310.000	33.72	peak	13.20	46.92	74.00	150	113	-27.08	

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



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

Operator: Eason

File :3

Data :#4

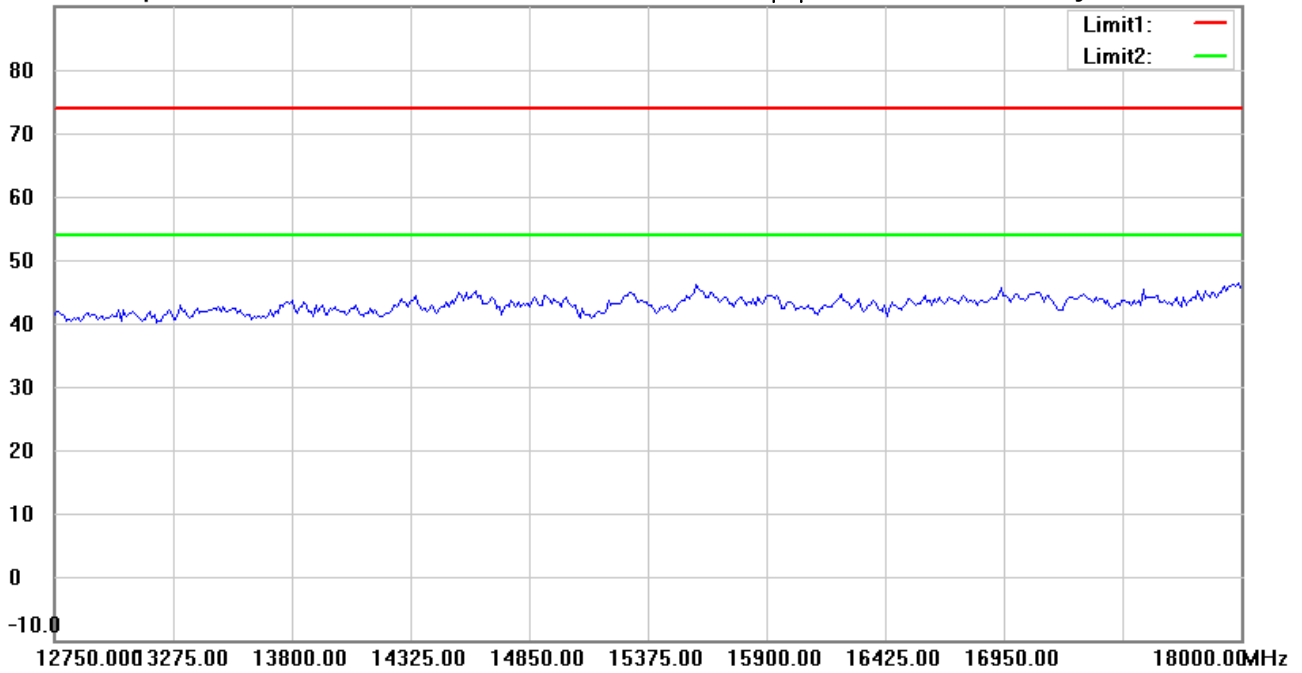
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 05:05:21

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH11

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: Eason

File :3

Data :#9

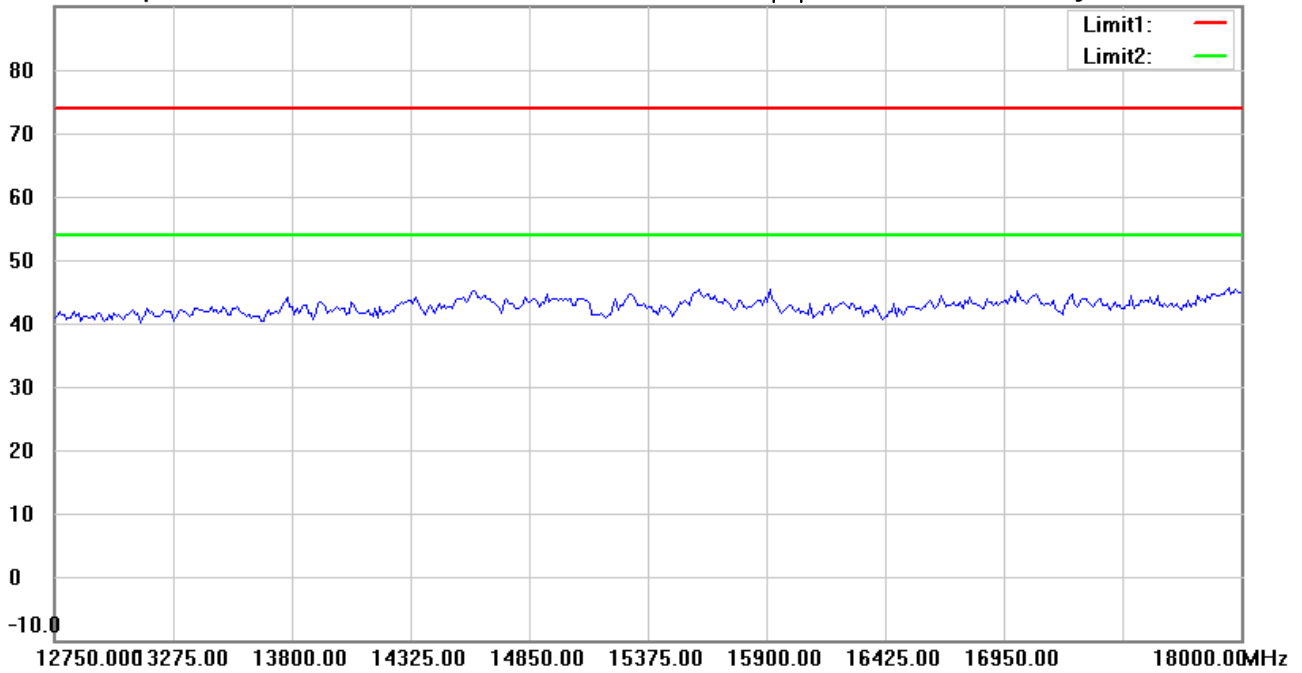
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 05:10:08

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH11

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



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

Operator: Eason

File :3

Data :#5

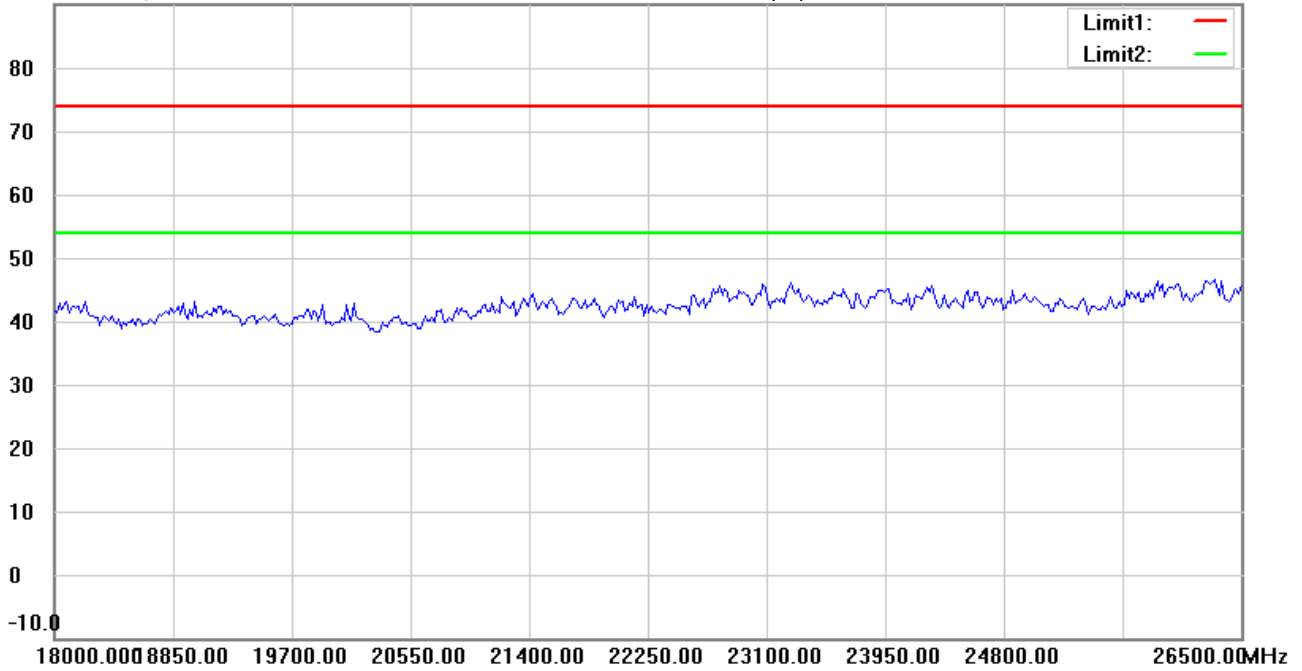
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 05:05:31

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH11

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



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

Operator: Eason

File :3

Data :#10

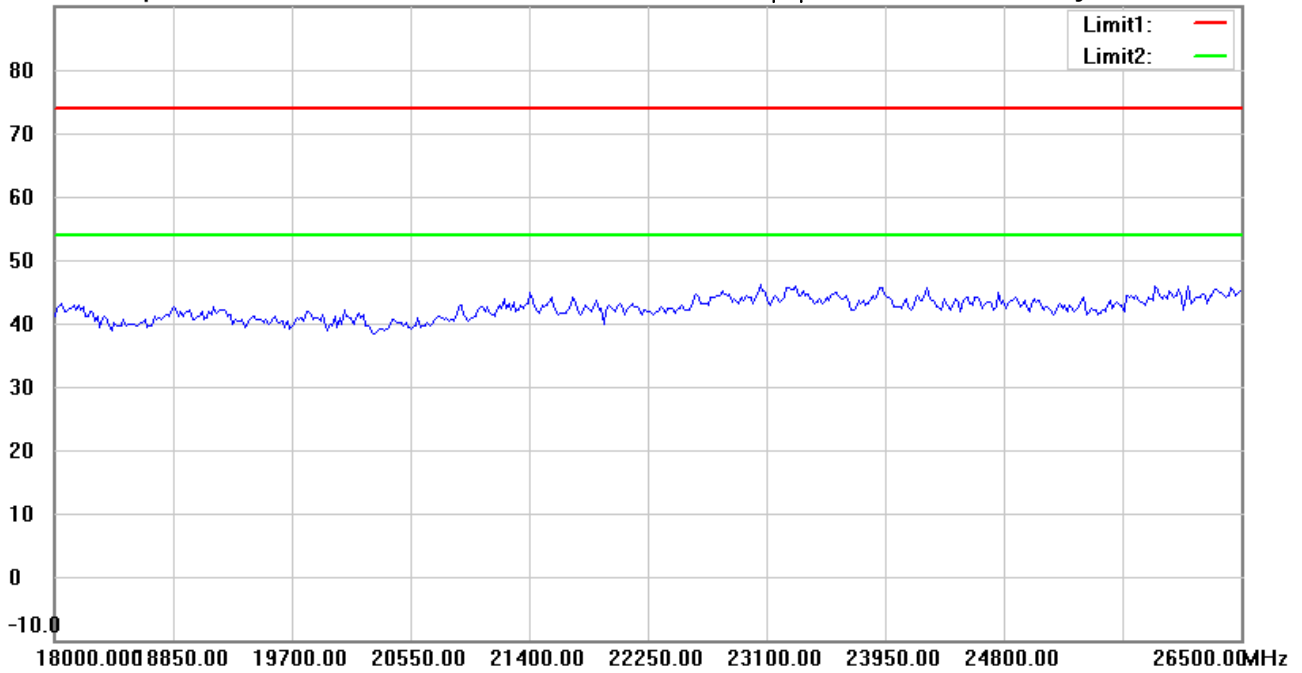
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 05:10:18

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH11

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

*: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: Sky

File :3

Data :#1

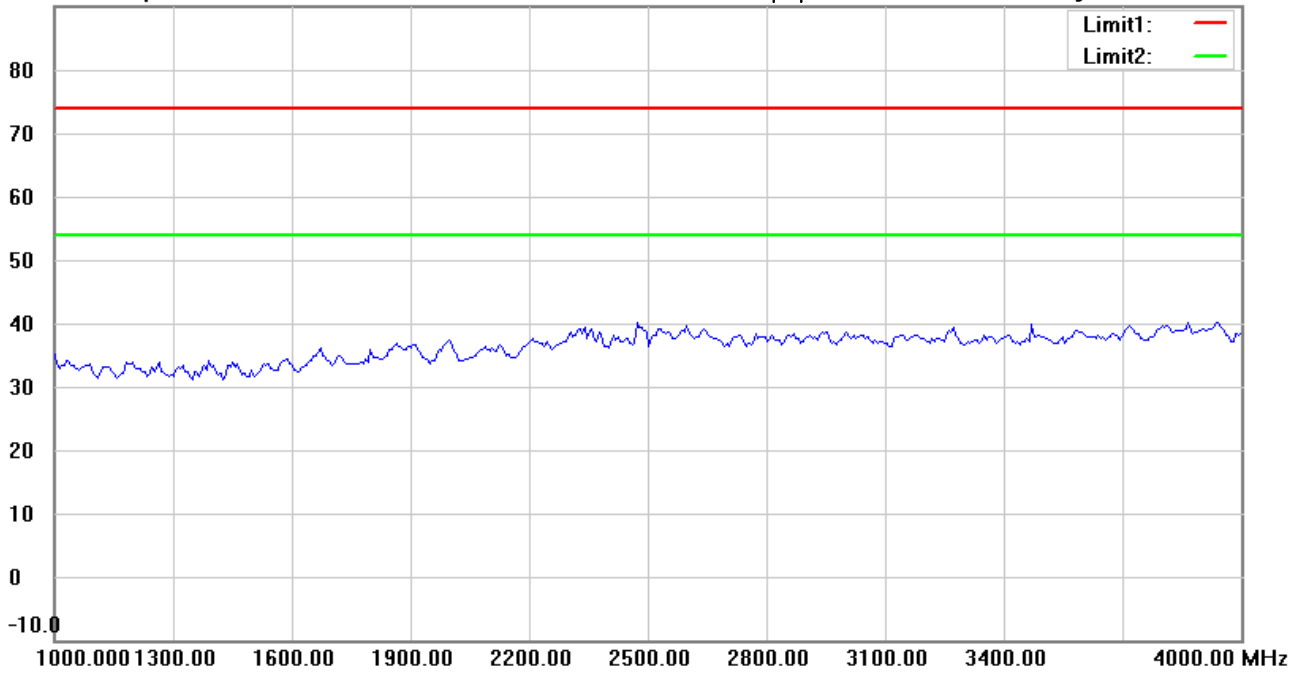
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:59:22

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 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



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

Radiated Emission Measurement

Operator: Sky

File :3

Data :#6

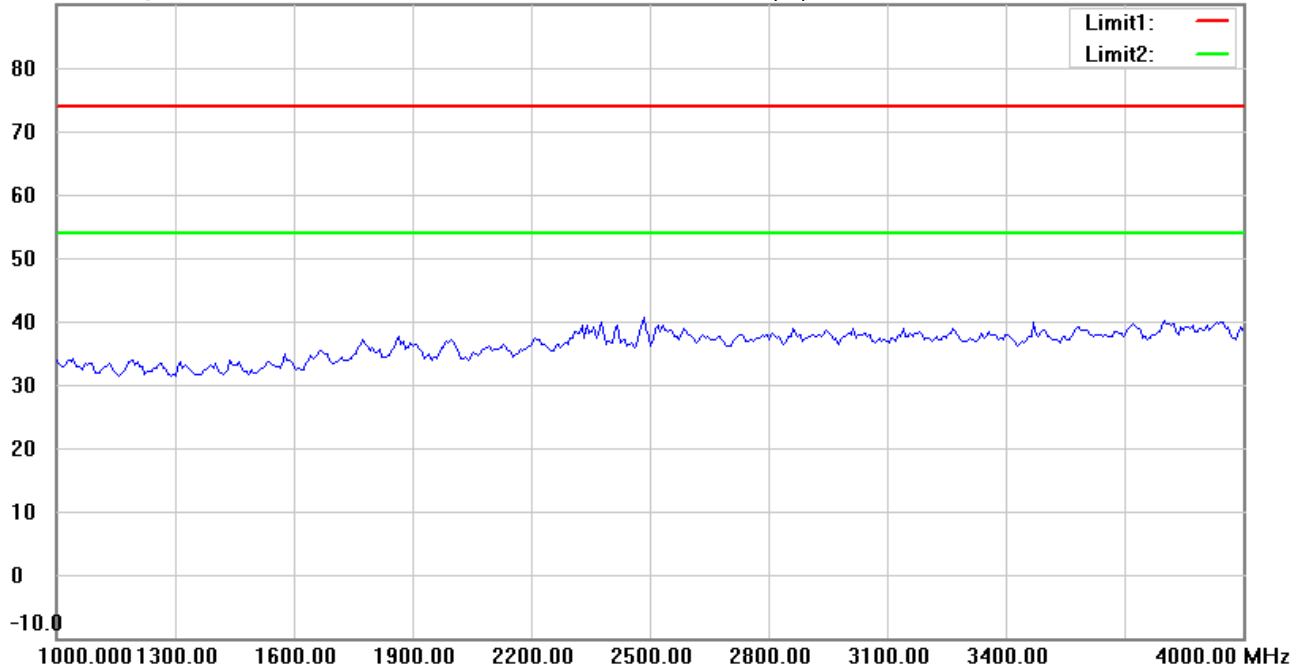
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 08:07:11

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 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



Radiated Emission Measurement

Operator: Sky

File :3

Data :#2

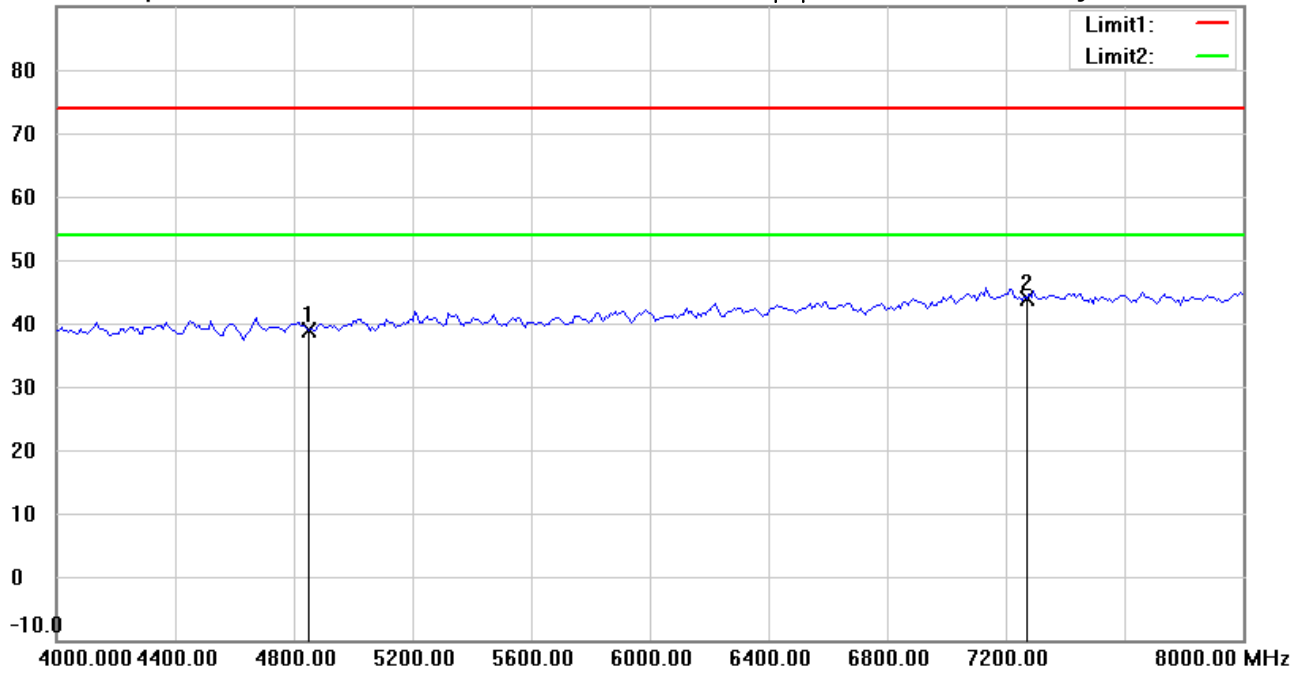
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 08:00:43

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 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
	4844.000	40.49	peak	-1.56	38.93	74.00	150	90	-35.07	
*	7266.000	40.03	peak	3.86	43.89	74.00	150	170	-30.11	



Radiated Emission Measurement

Operator: Sky

File :3

Data :#7

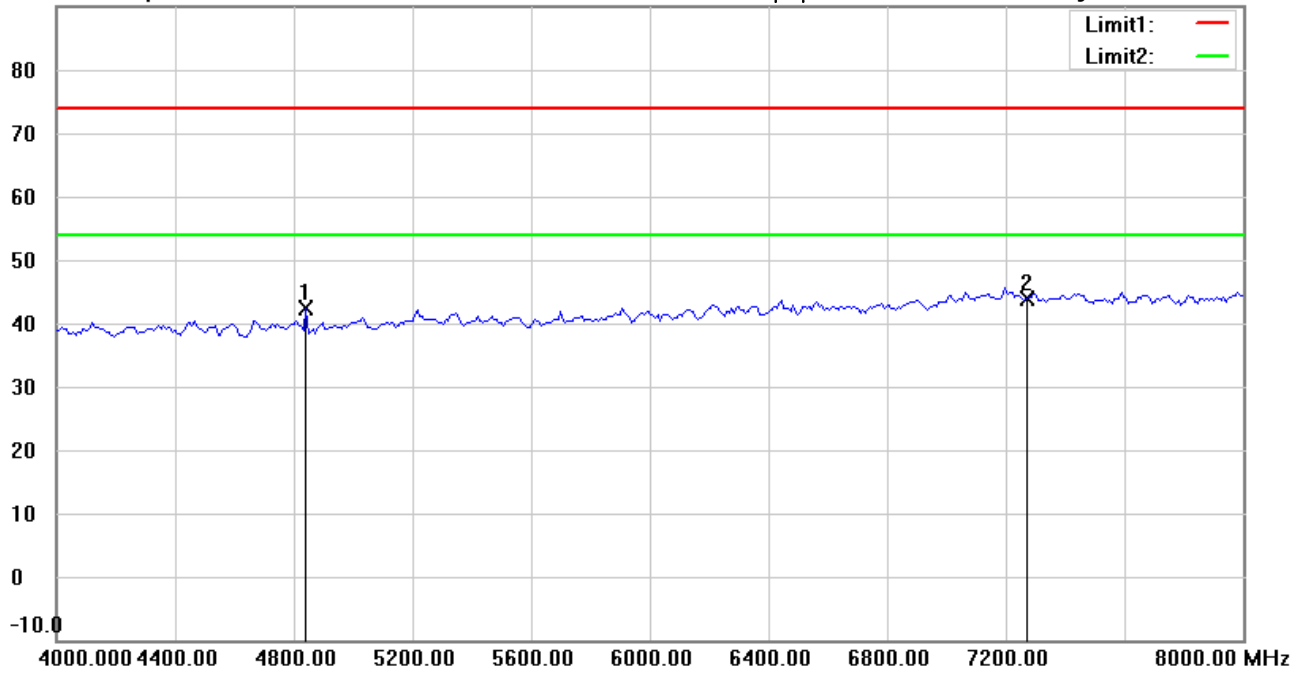
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 08:08:32

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 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
	4841.683	44.04	peak	-1.57	42.47	74.00	150	99	-31.53	
*	7266.000	39.92	peak	3.86	43.78	74.00	150	48	-30.22	



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

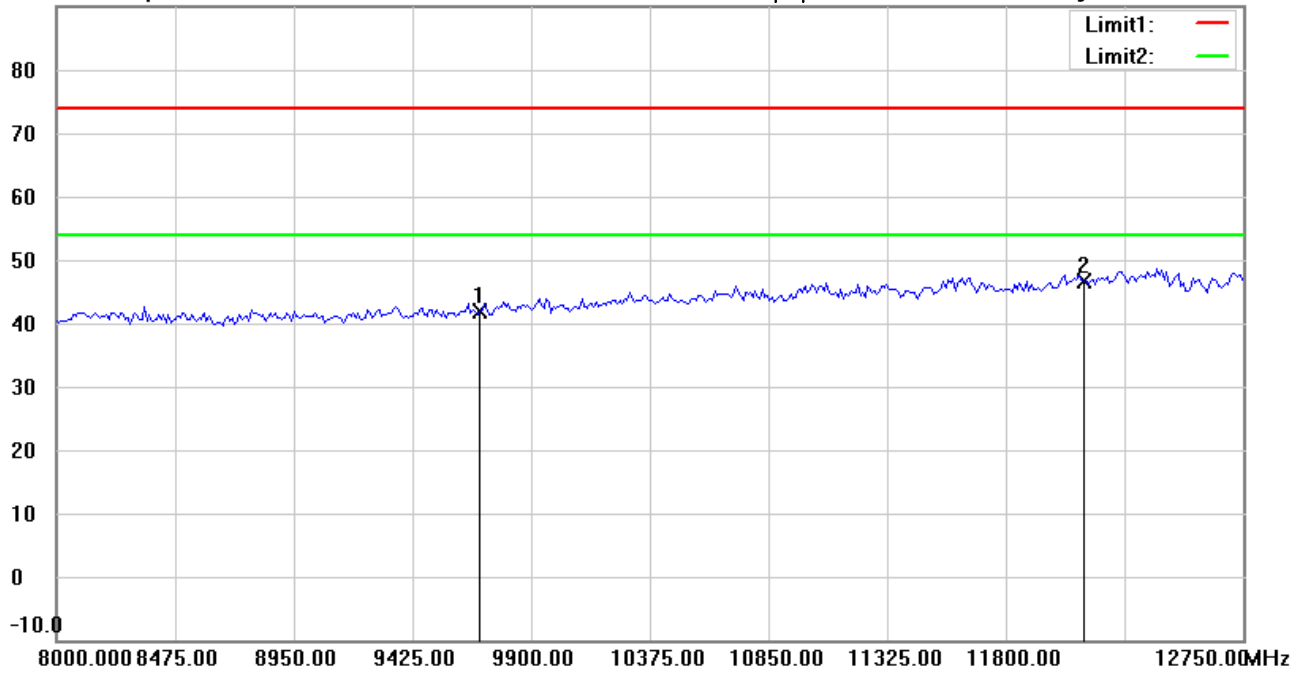
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 08:03:11

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Horizontal**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 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
	9688.000	35.04	peak	6.82	41.86	74.00	150	214	-32.14	
*	12110.000	33.56	peak	12.96	46.52	74.00	150	71	-27.48	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

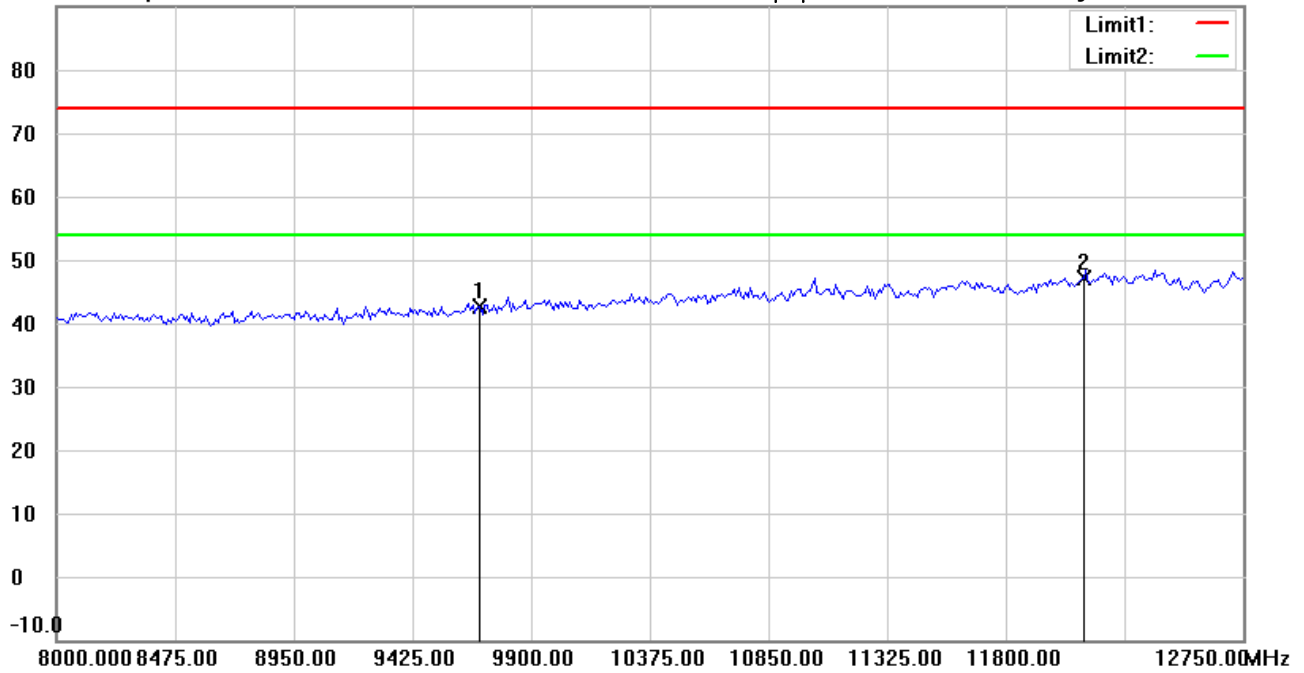
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 08:11:32

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 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
	9688.000	35.78	peak	6.82	42.60	74.00	150	302	-31.40	
*	12110.000	34.20	peak	12.96	47.16	74.00	150	100	-26.84	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#4

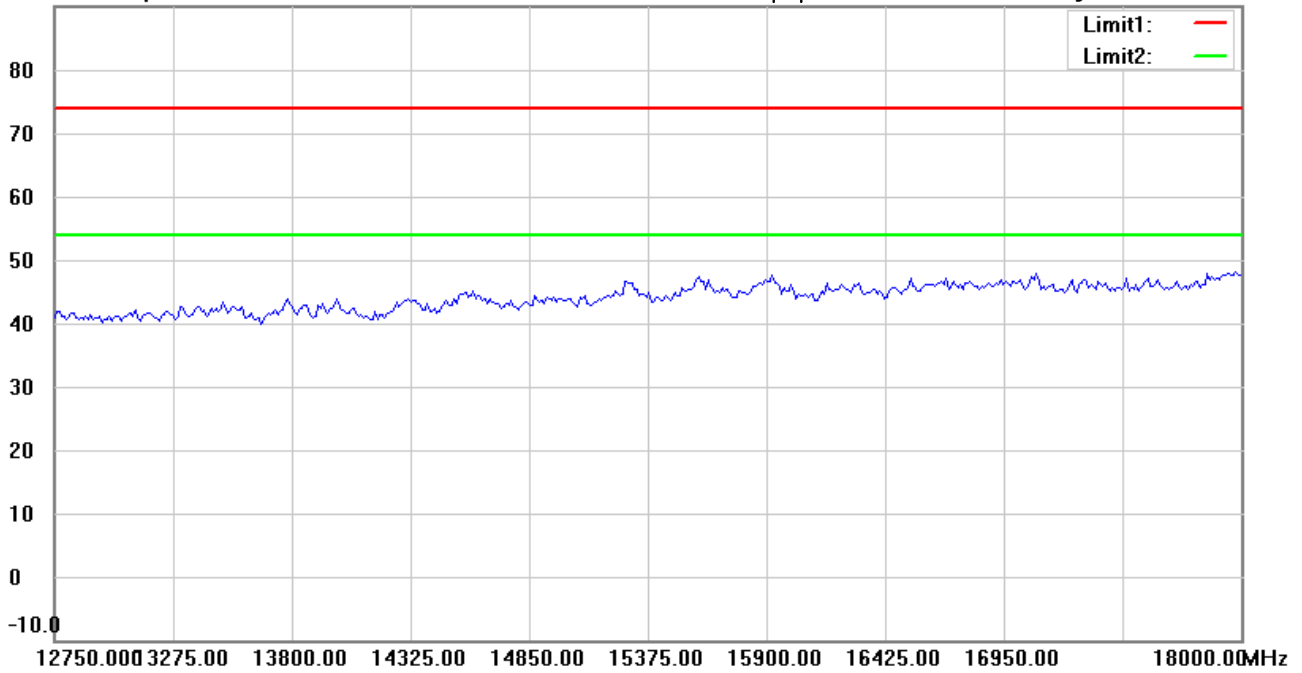
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 08:03:25

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 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: Sky

File :3

Data :#9

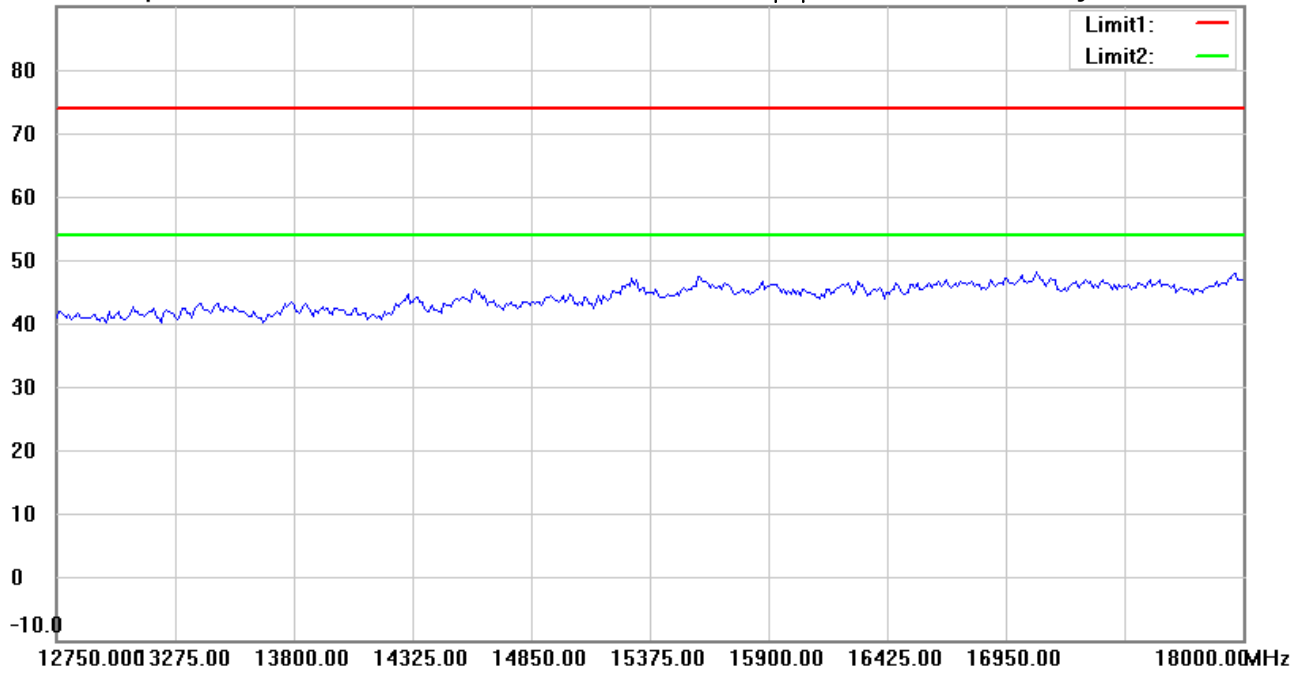
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 08:11:46

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 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: Sky

File :3

Data :#5

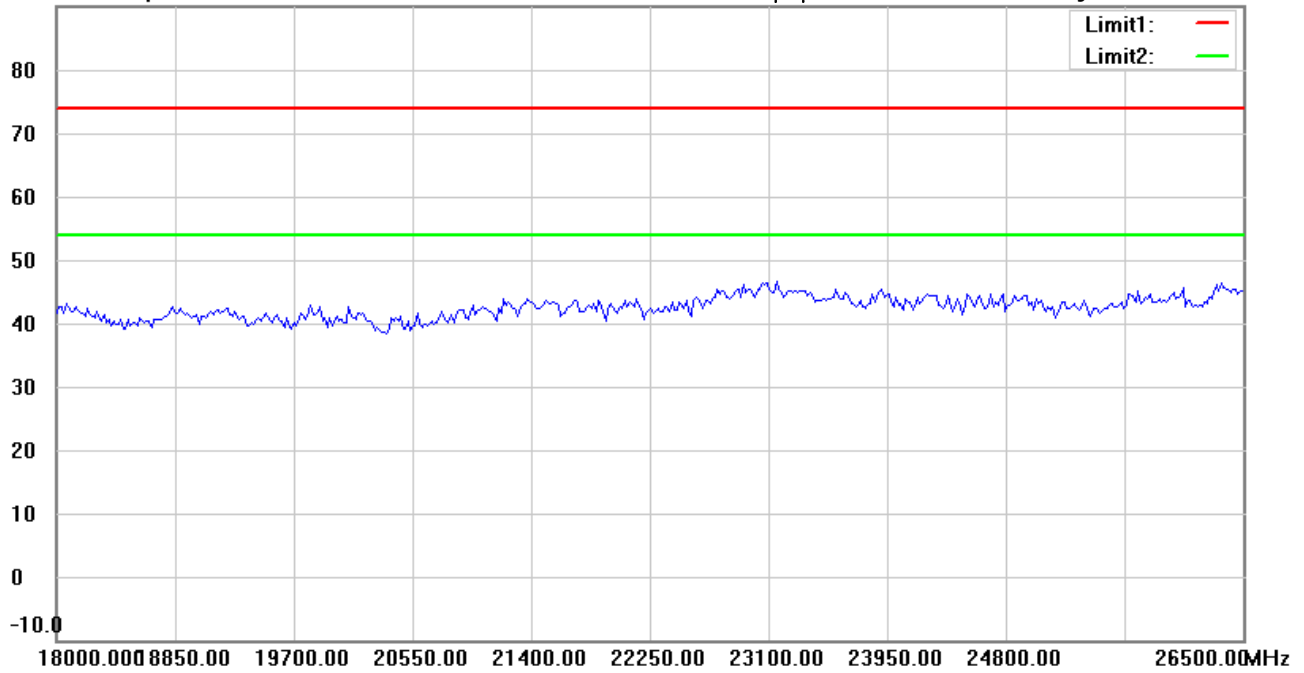
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 08:03:35

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 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: Sky

File :3

Data :#10

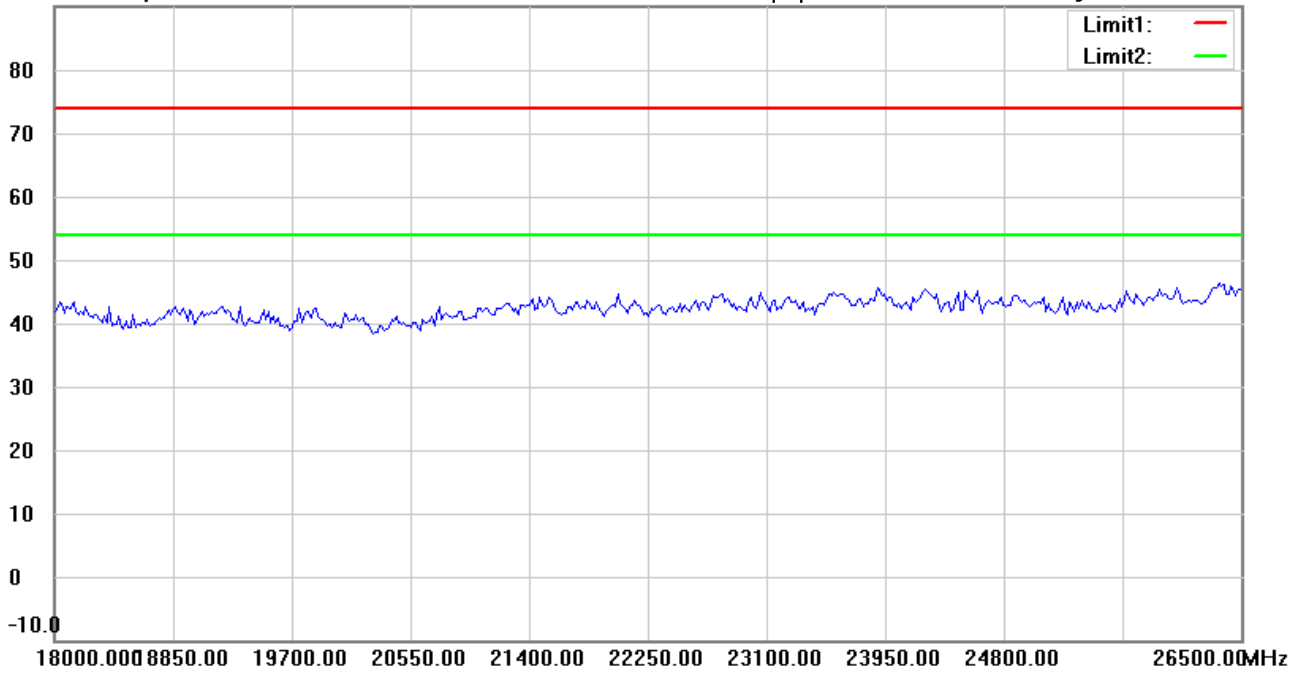
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 08:11:56

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 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: Sky

File :3

Data :#1

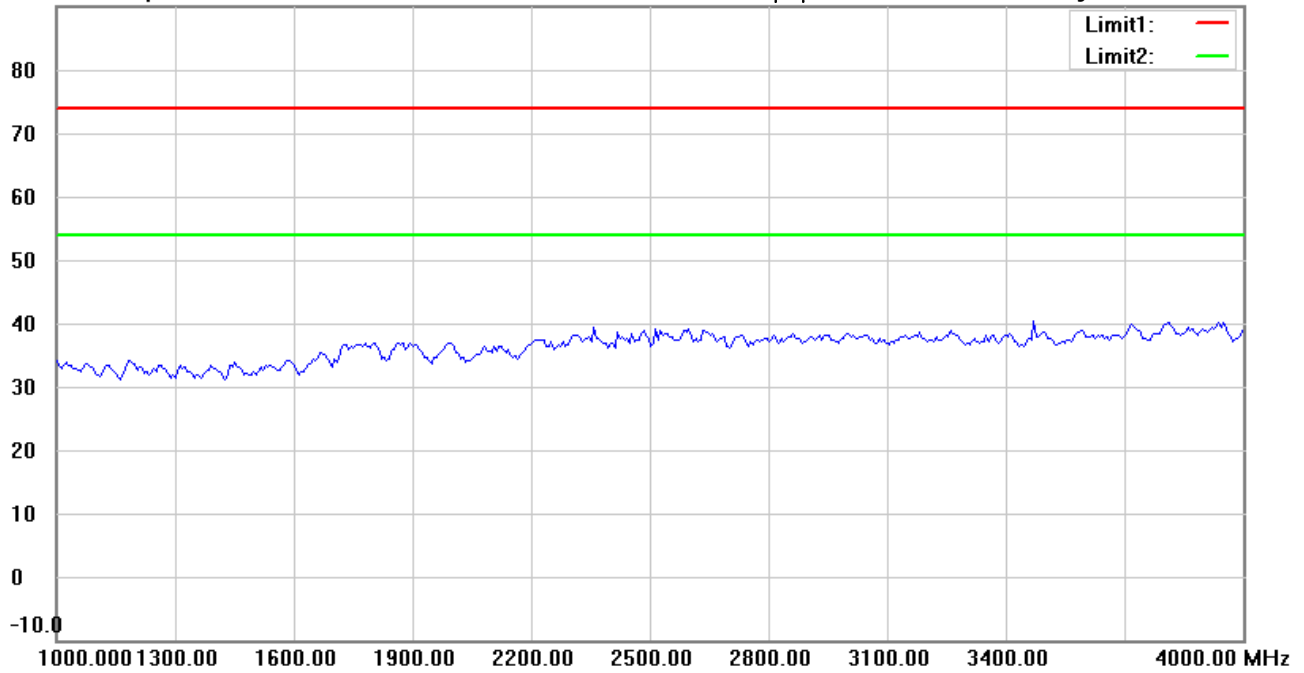
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:44:02

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH4

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: Sky

File :3

Data :#6

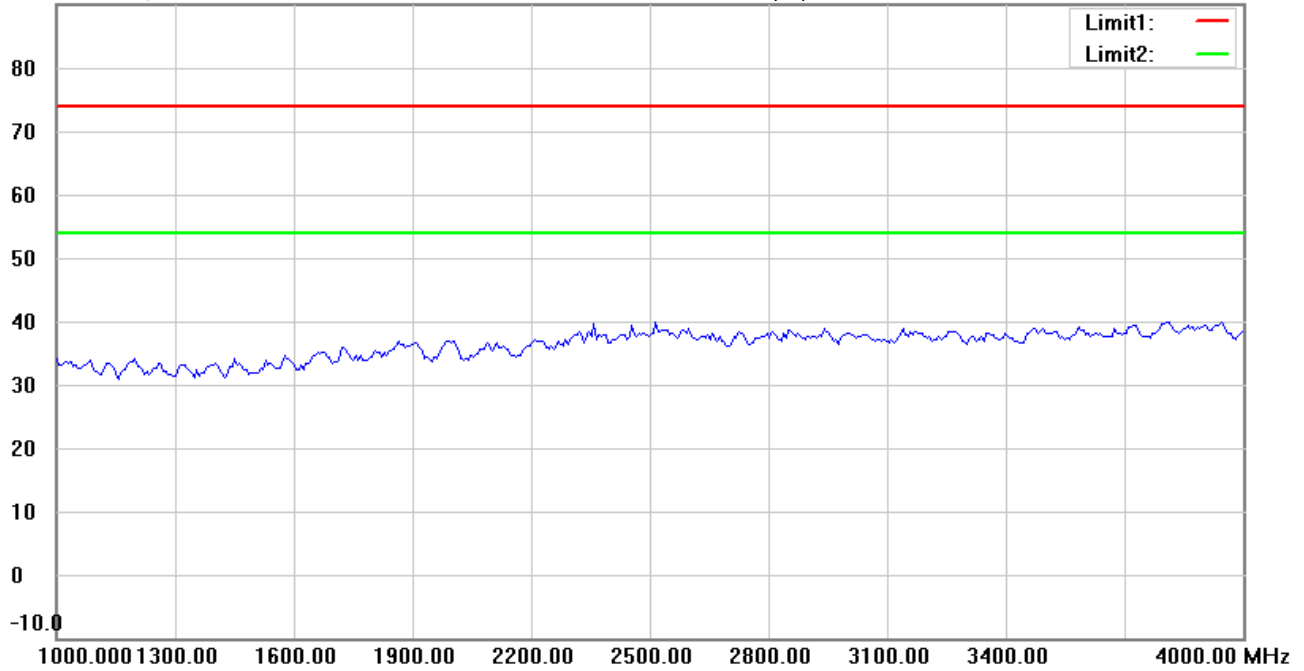
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:49:18

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH4

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: Sky

File :3

Data :#2

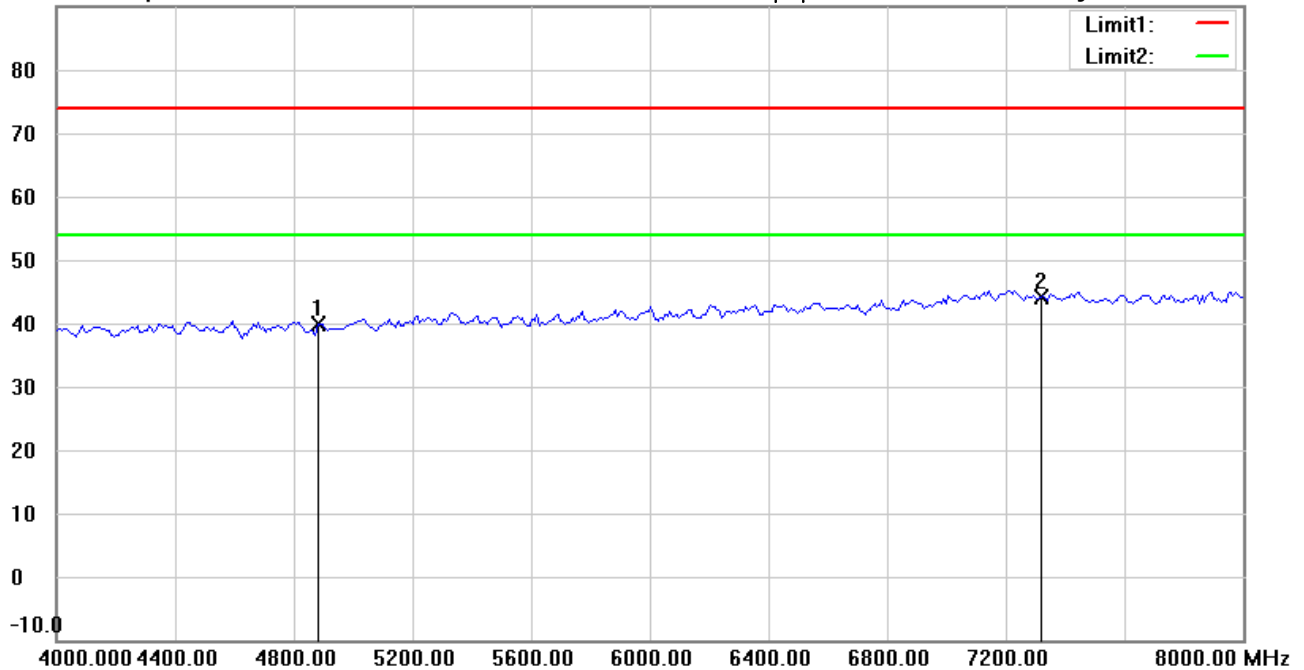
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:45:23

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Horizontal**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH4

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
	4874.000	41.21	peak	-1.43	39.78	74.00	150	100	-34.22	
*	7311.000	40.28	peak	3.82	44.10	74.00	150	213	-29.90	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#7

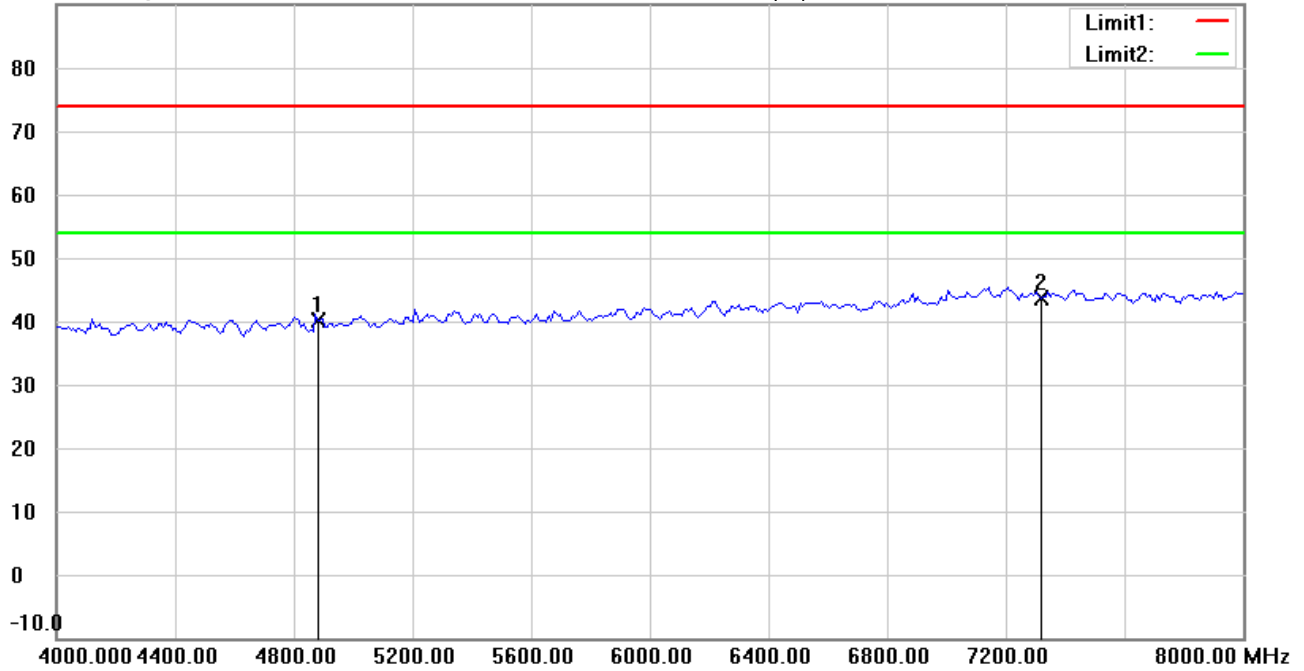
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:50:39

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH4

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
	4874.000	41.50	peak	-1.43	40.07	74.00	150	104	-33.93	
*	7311.000	39.69	peak	3.82	43.51	74.00	150	47	-30.49	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#3

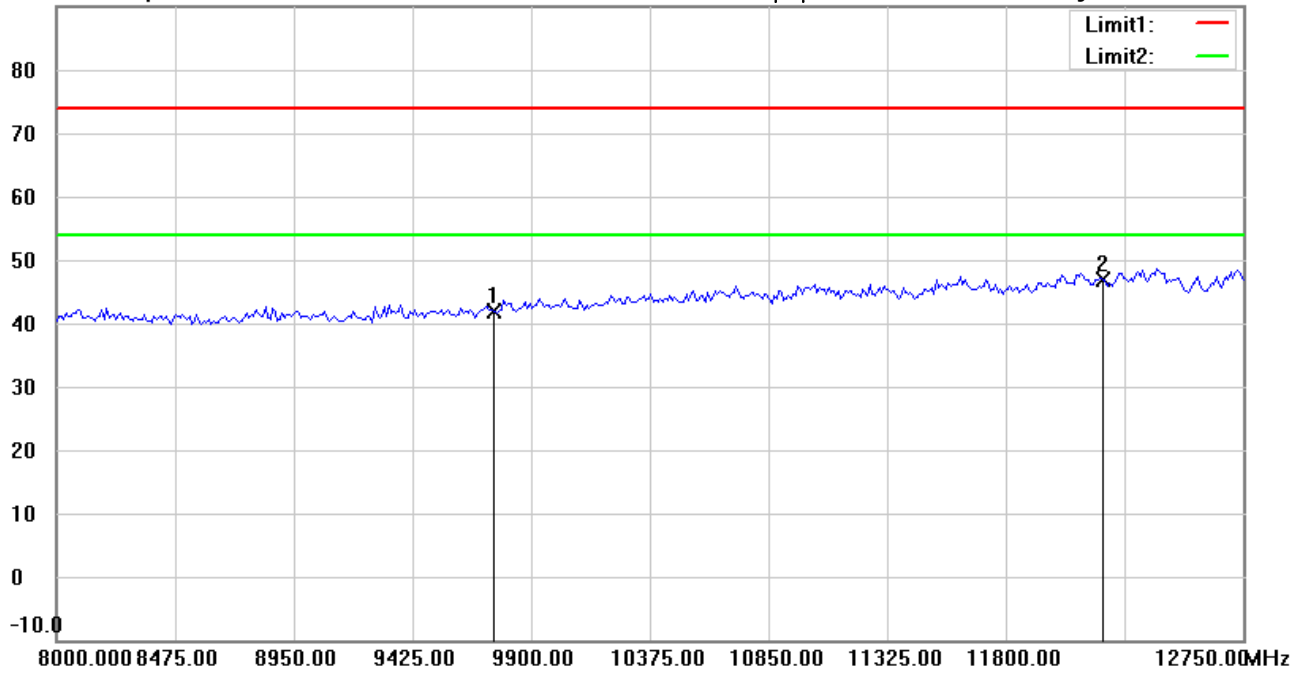
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:47:20

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Horizontal**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH4

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.85	peak	6.98	41.83	74.00	150	177	-32.17	
*	12185.000	33.38	peak	13.49	46.87	74.00	150	285	-27.13	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

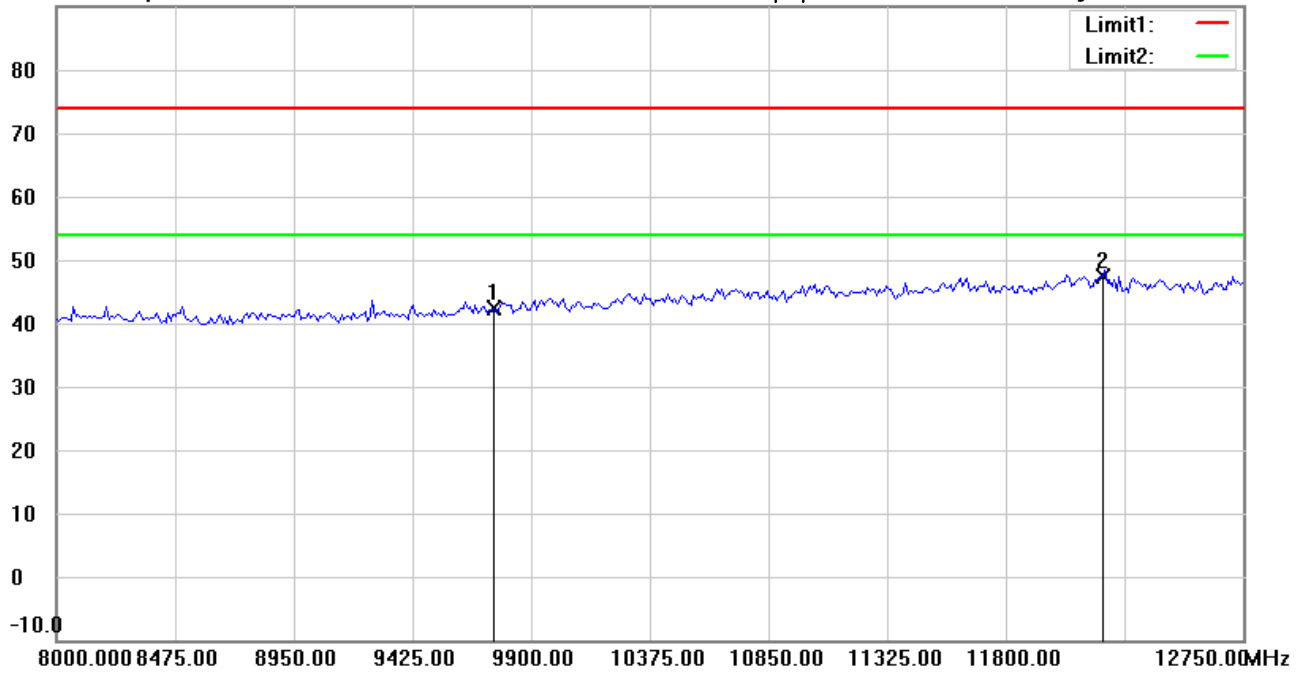
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:52:03

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH4

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	35.34	peak	6.98	42.32	74.00	150	24	-31.68	
*	12185.000	33.97	peak	13.49	47.46	74.00	150	331	-26.54	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#4

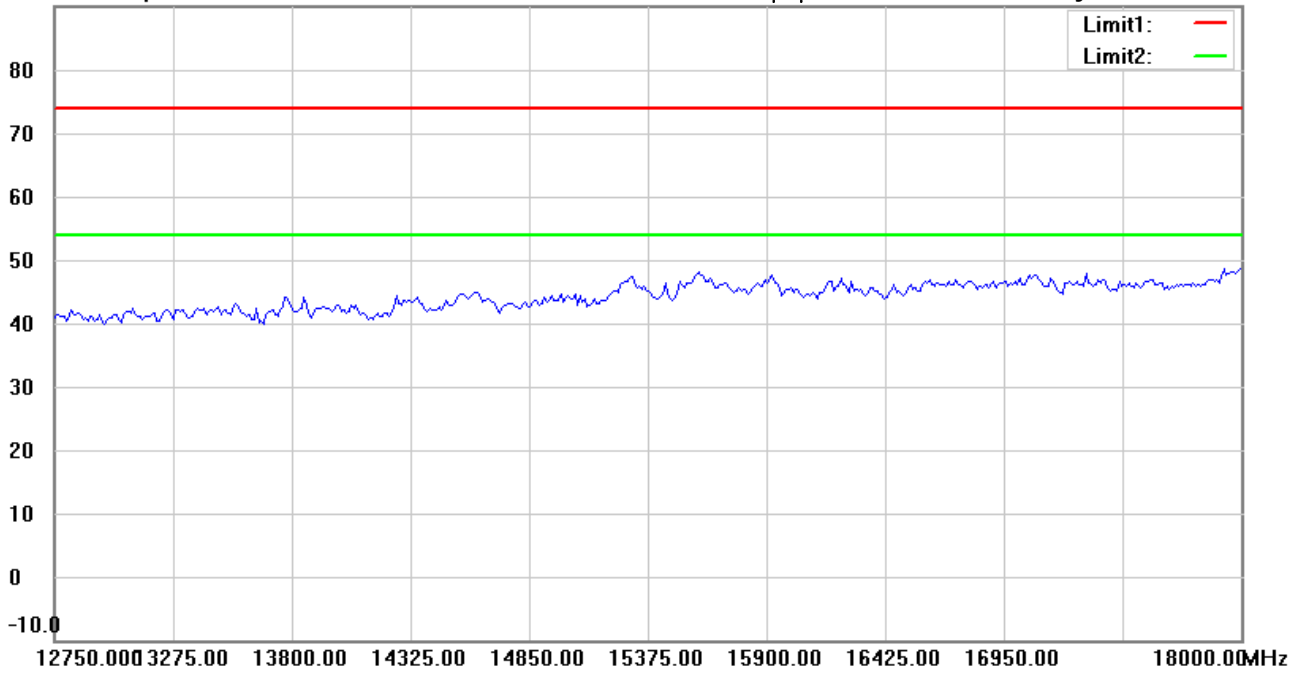
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:47:34

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH4

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: Sky

File :3

Data :#9

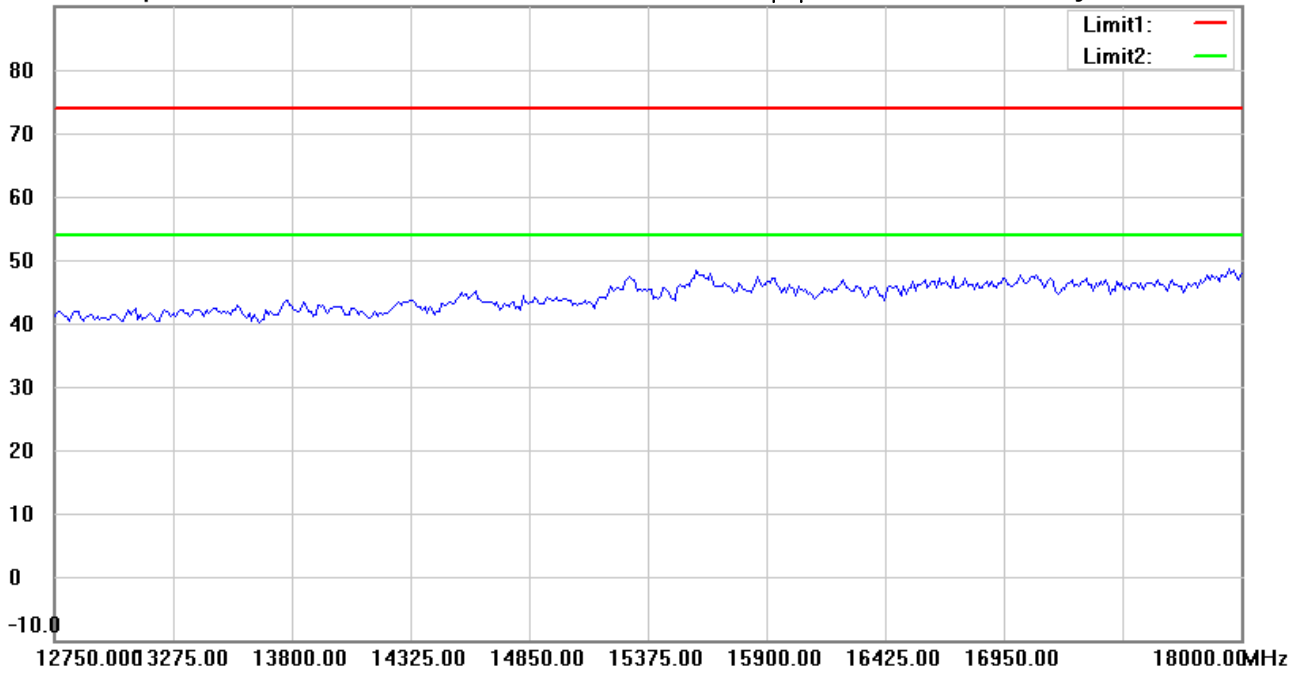
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:52:17

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH4

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: Sky

File :3

Data :#5

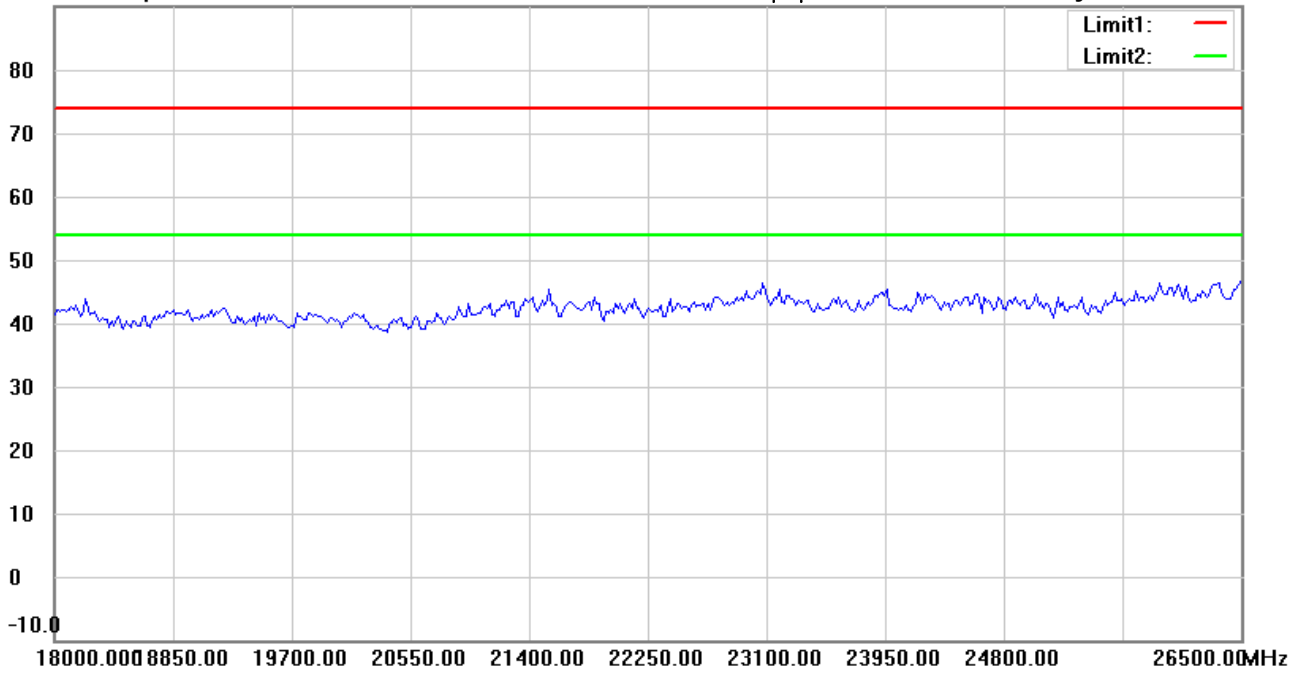
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:47:44

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH4

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: Sky

File :3

Data :#10

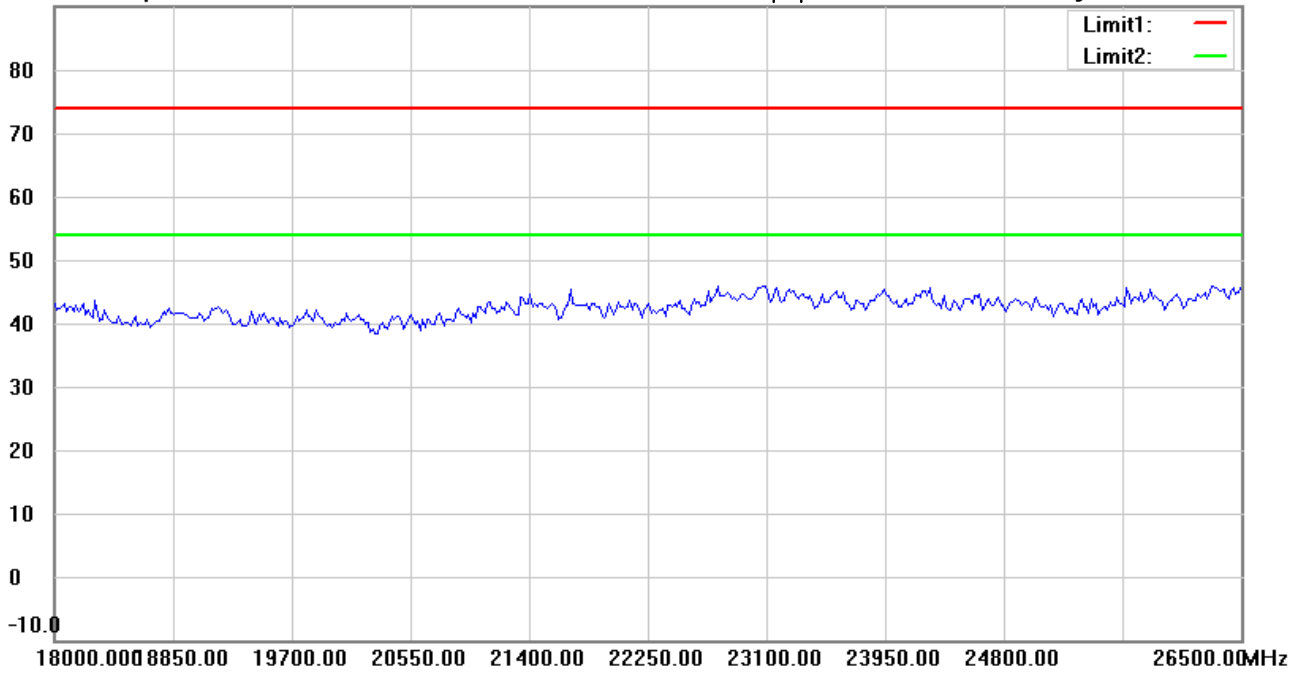
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:52:27

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH4

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: Sky

File :3

Data :#1

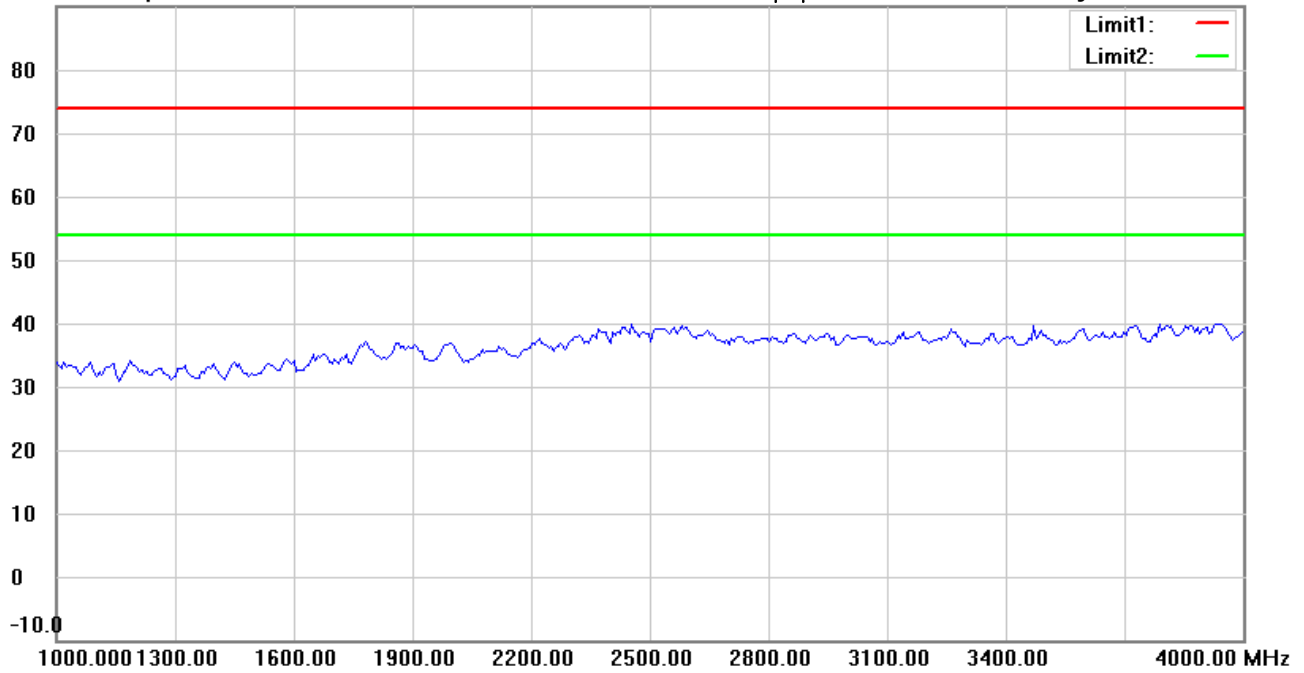
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:27:16

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH7

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



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

Radiated Emission Measurement

Operator: Sky

File :3

Data :#6

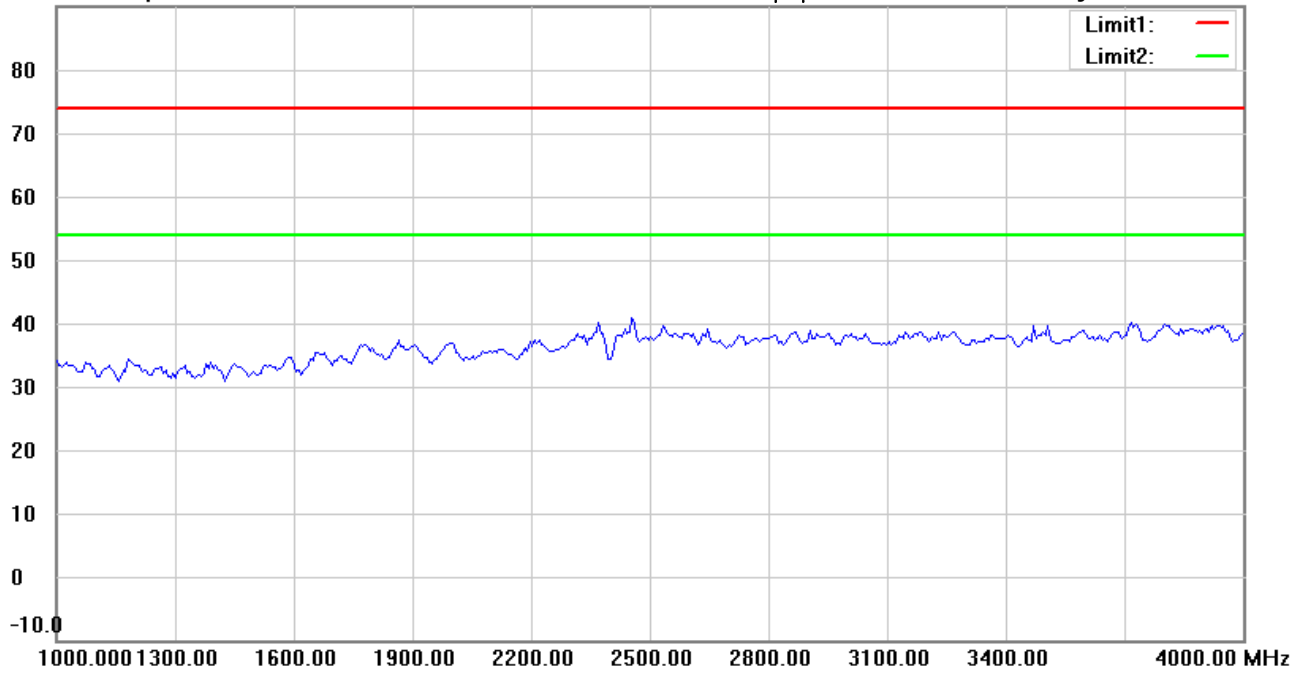
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:34:12

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH7

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

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



Radiated Emission Measurement

Operator: Sky

File :3

Data :#2

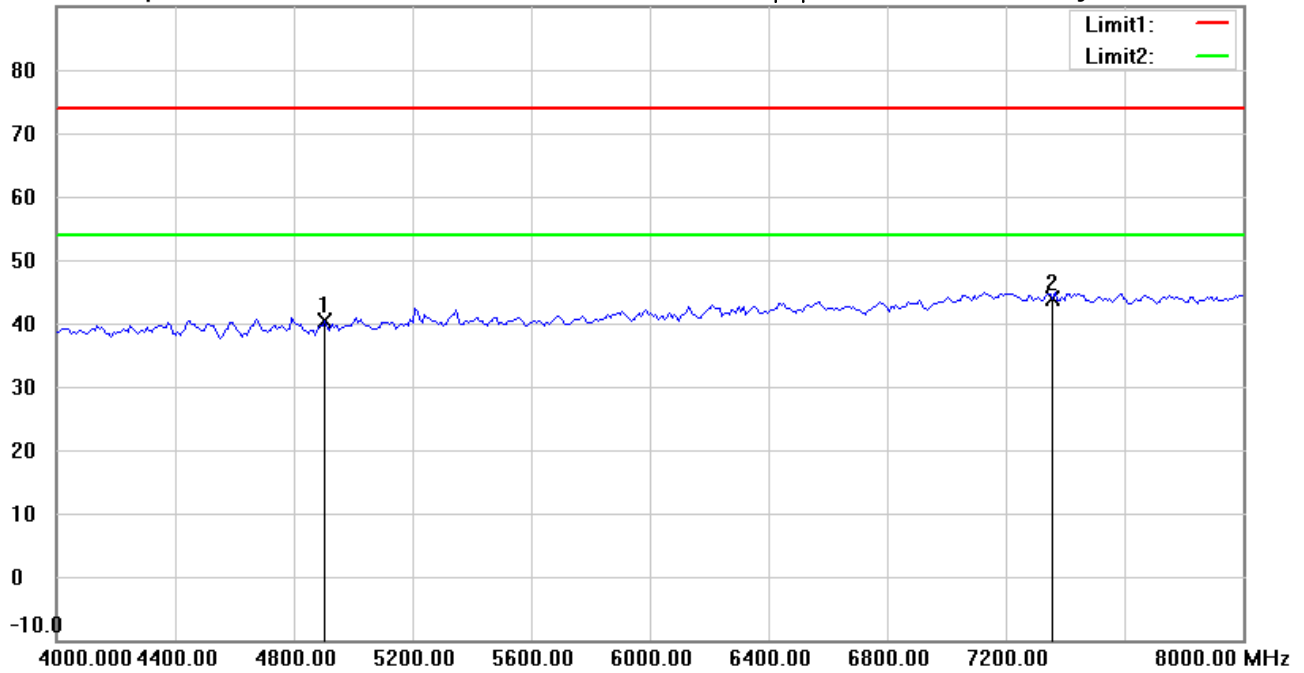
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:28:37

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH7

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
	4905.811	41.57	peak	-1.27	40.30	74.00	150	29	-33.70	
*	7356.000	39.93	peak	3.96	43.89	74.00	150	301	-30.11	



Radiated Emission Measurement

Operator: Sky

File :3

Data :#7

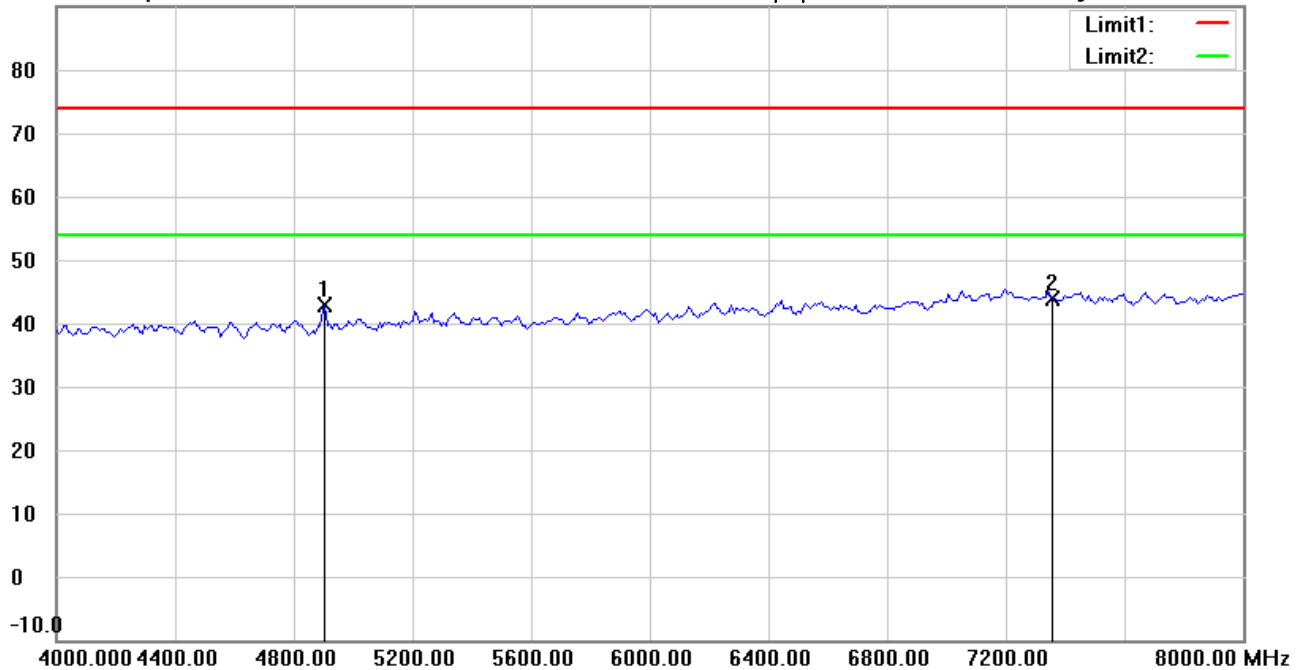
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:35:33

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH7

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
	4905.811	44.13	peak	-1.27	42.86	74.00	150	7	-31.14	
*	7356.000	40.01	peak	3.96	43.97	74.00	150	24	-30.03	



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

Operator: Sky

File :3

Data :#3

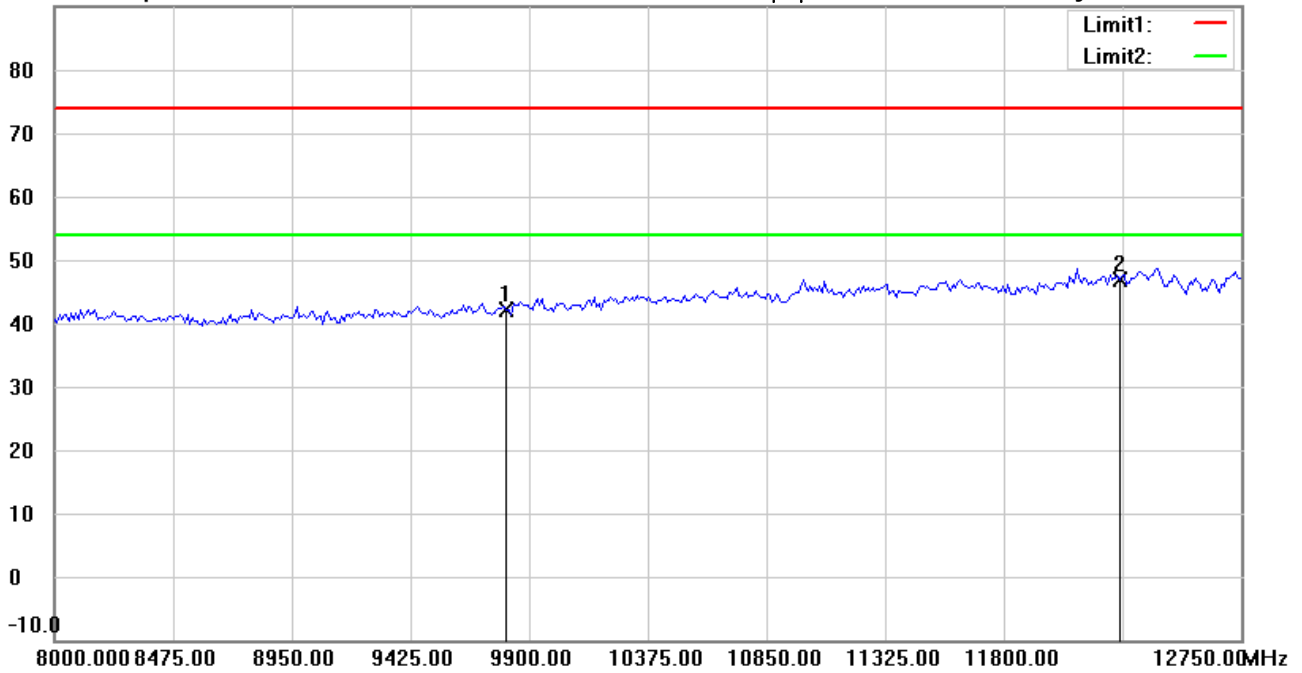
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:32:07

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH7

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
	9808.000	34.96	peak	7.18	42.14	74.00	150	43	-31.86	
*	12260.000	33.66	peak	13.32	46.98	74.00	150	9	-27.02	

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



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

Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

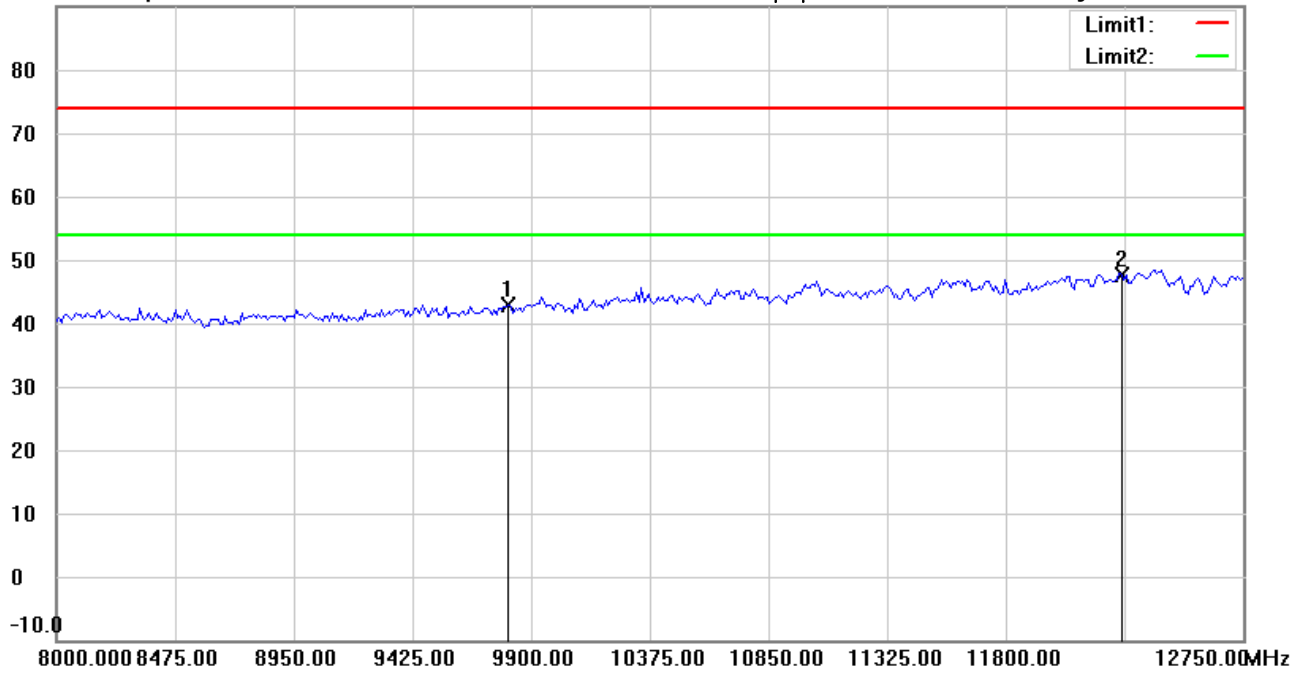
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:38:26

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH7

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
	9808.000	35.63	peak	7.18	42.81	74.00	150	288	-31.19	
*	12260.000	34.21	peak	13.32	47.53	74.00	150	40	-26.47	

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



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

Radiated Emission Measurement

Operator: Sky

File :3

Data :#4

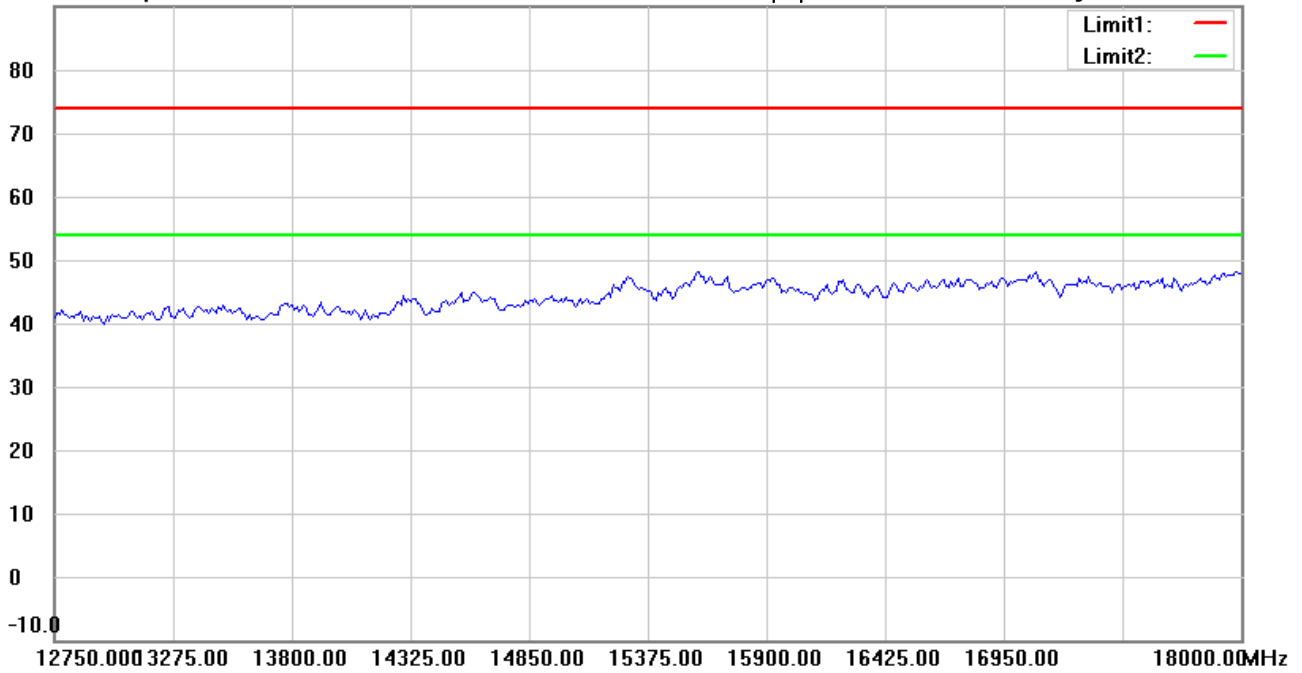
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:32:21

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH7

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



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

Operator: Sky

File :3

Data :#9

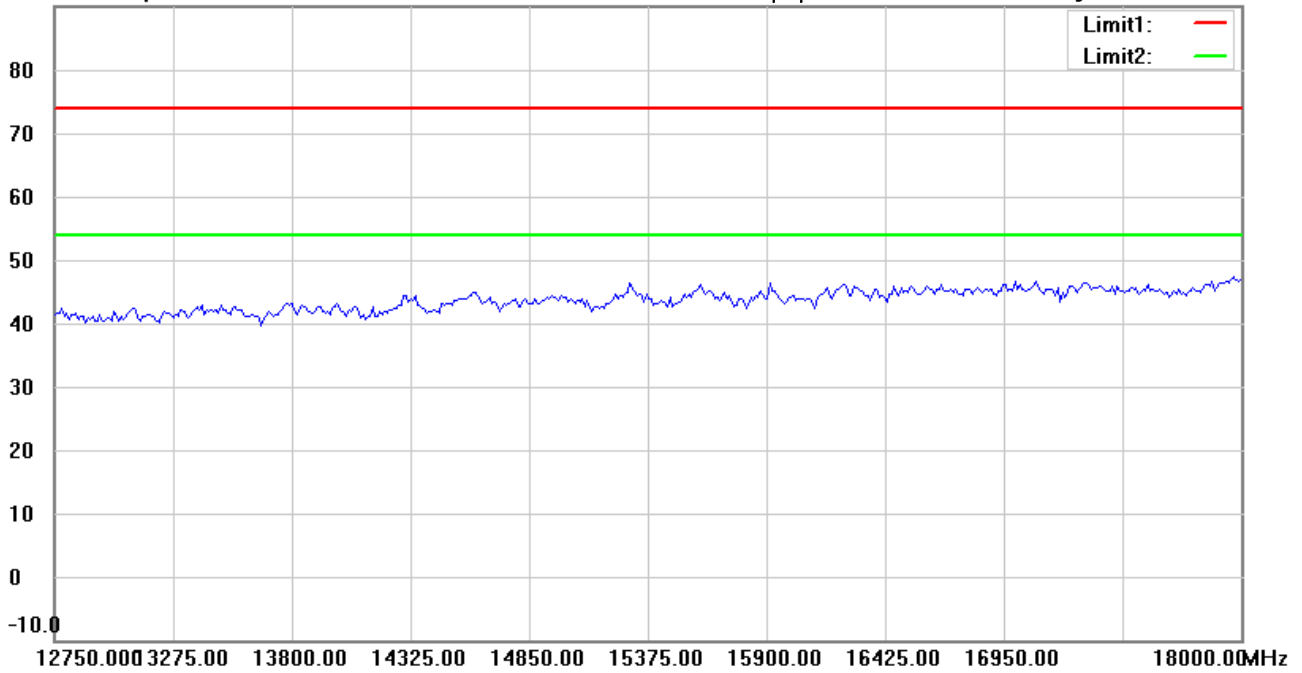
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:38:40

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH7

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

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



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

Radiated Emission Measurement

Operator: Sky

File :3

Data :#5

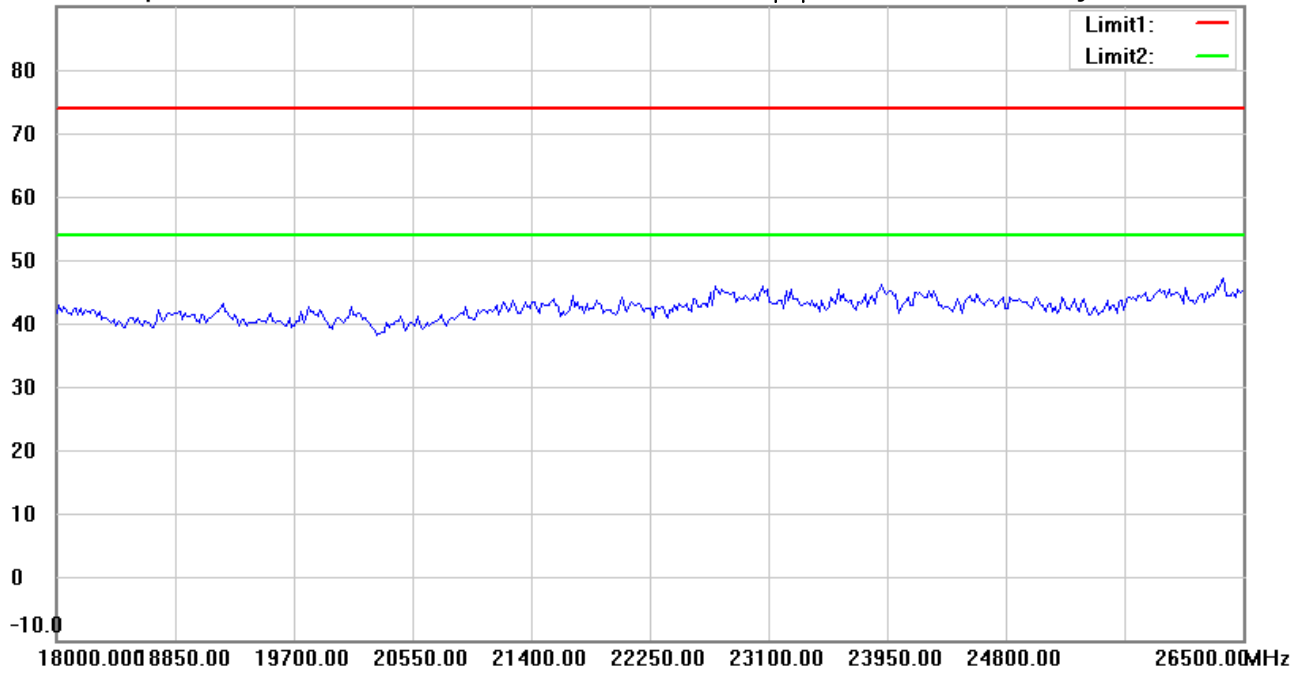
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:32:31

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH7

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

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



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

Radiated Emission Measurement

Operator: Sky

File :3

Data :#10

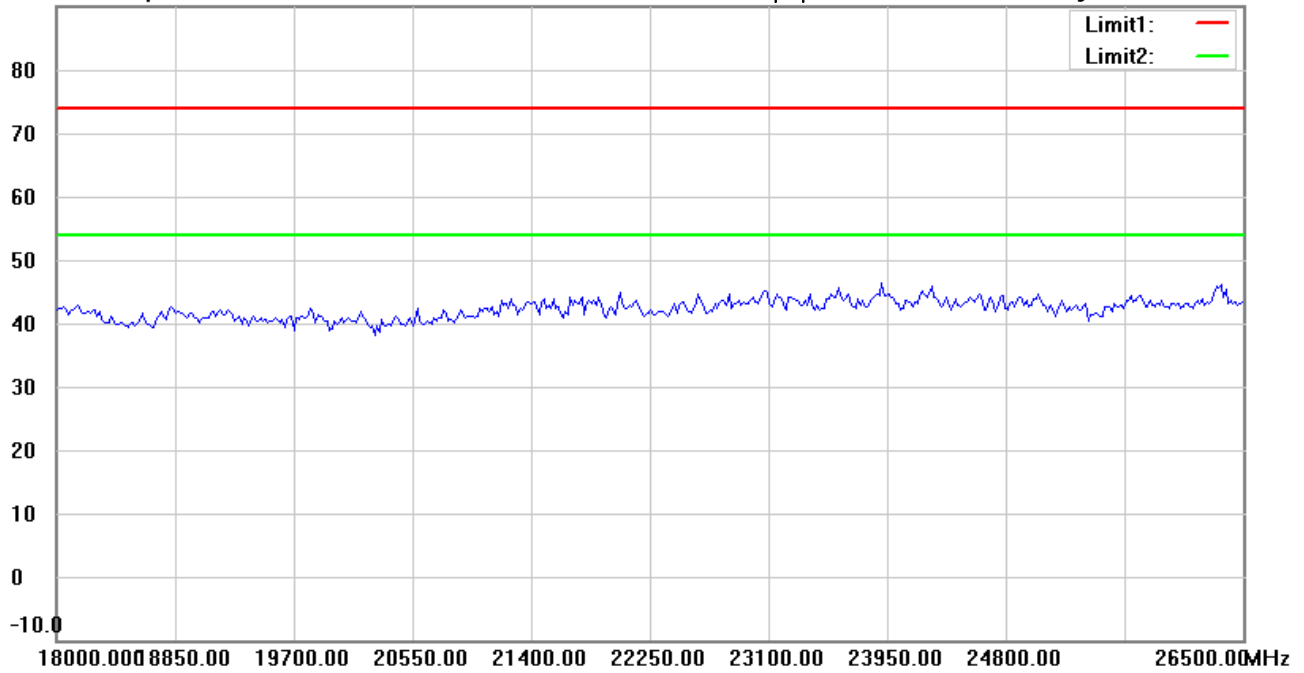
Date: 2023/3/1

Temperature:20.3 °C

90.0 dBuV/m

Time: 下午 07:38:49

Humidity:63.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH7

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



Radiated Emission Measurement

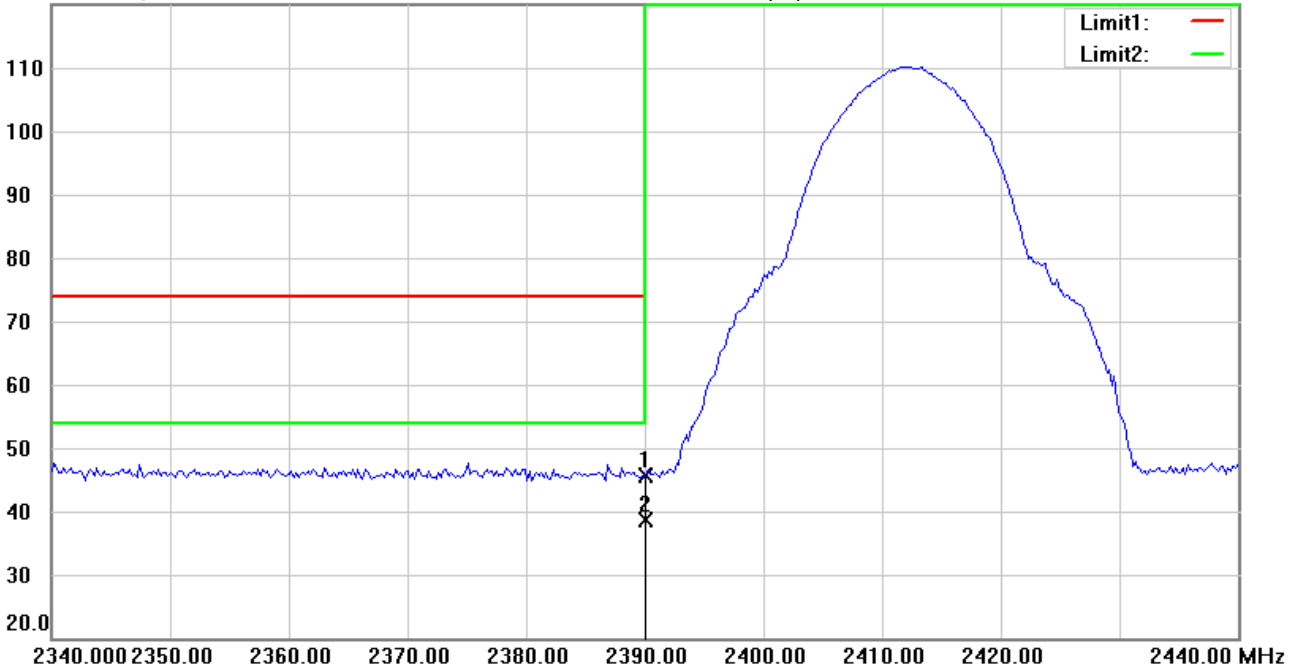
Operator: Eason

File :Bandedge
 120.0 dBuV/m

Data :#3

Date: 2023/3/1
 Time: 下午 03:04:54

Temperature:20.3 °C
 Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22302-22480

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	8.53	peak	37.11	45.64	74.00	188	47	-28.36	
*	2390.000	1.60	AVG	37.11	38.71	54.00	188	47	-15.29	



Radiated Emission Measurement

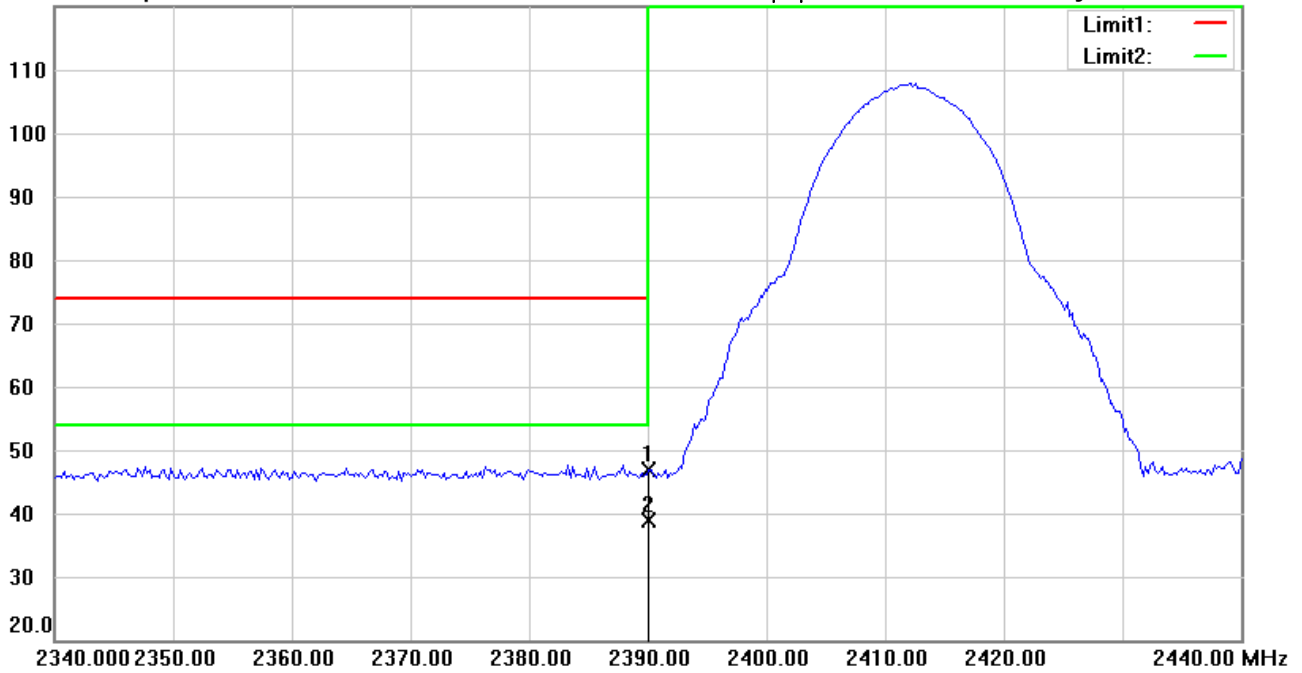
Operator: Eason

File :Bandedge
 120.0 dBuV/m

Data :#4

Date: 2023/3/1
 Time: 下午 02:58:16

Temperature:20.3 °C
 Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22302-22480

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	9.70	peak	37.11	46.81	74.00	150	249	-27.19	
*	2390.000	1.66	AVG	37.11	38.77	54.00	150	249	-15.23	



Radiated Emission Measurement

Operator: Eason

File :Bandedge

Data :#1

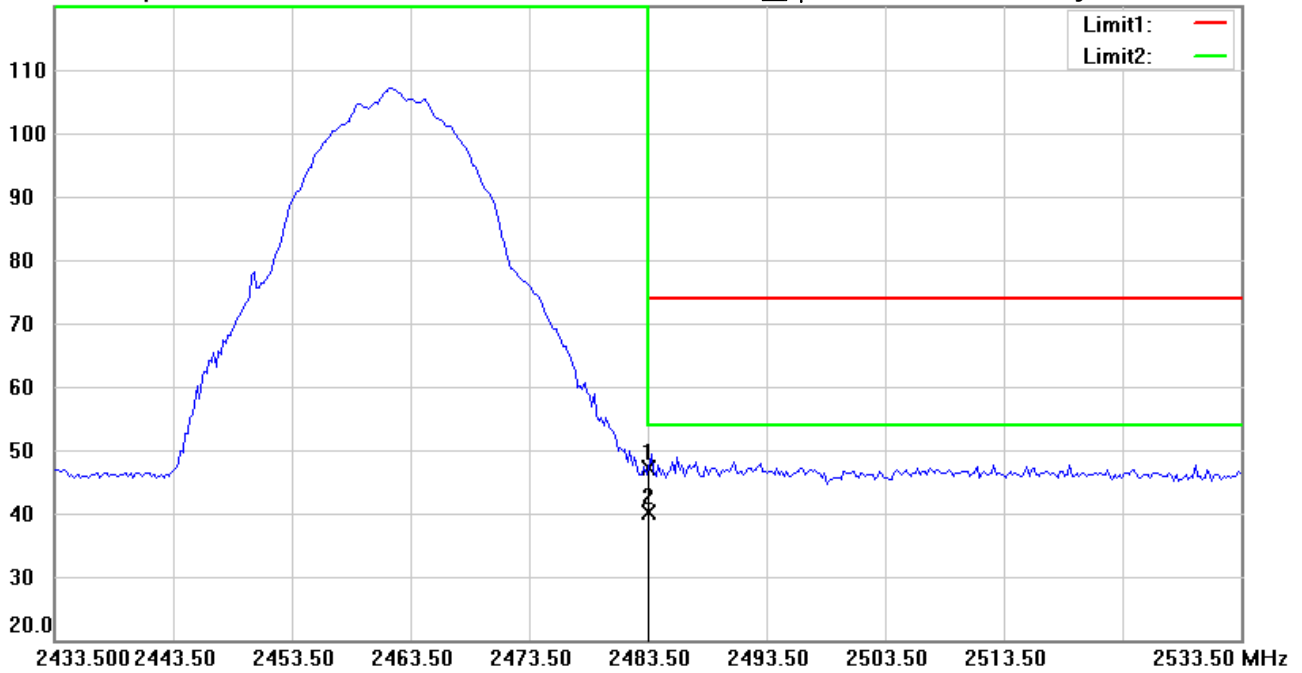
Date: 2023/3/15

Temperature:22.5 °C

120.0 dBuV/m

Time: 上午 12:10:51

Humidity:57.3 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	8.96	peak	38.14	47.10	74.00	150	280	-26.90	
*	2483.500	2.05	AVG	38.14	40.19	54.00	150	280	-13.81	



Radiated Emission Measurement

Operator: Eason

File :Bandedge

Data :#2

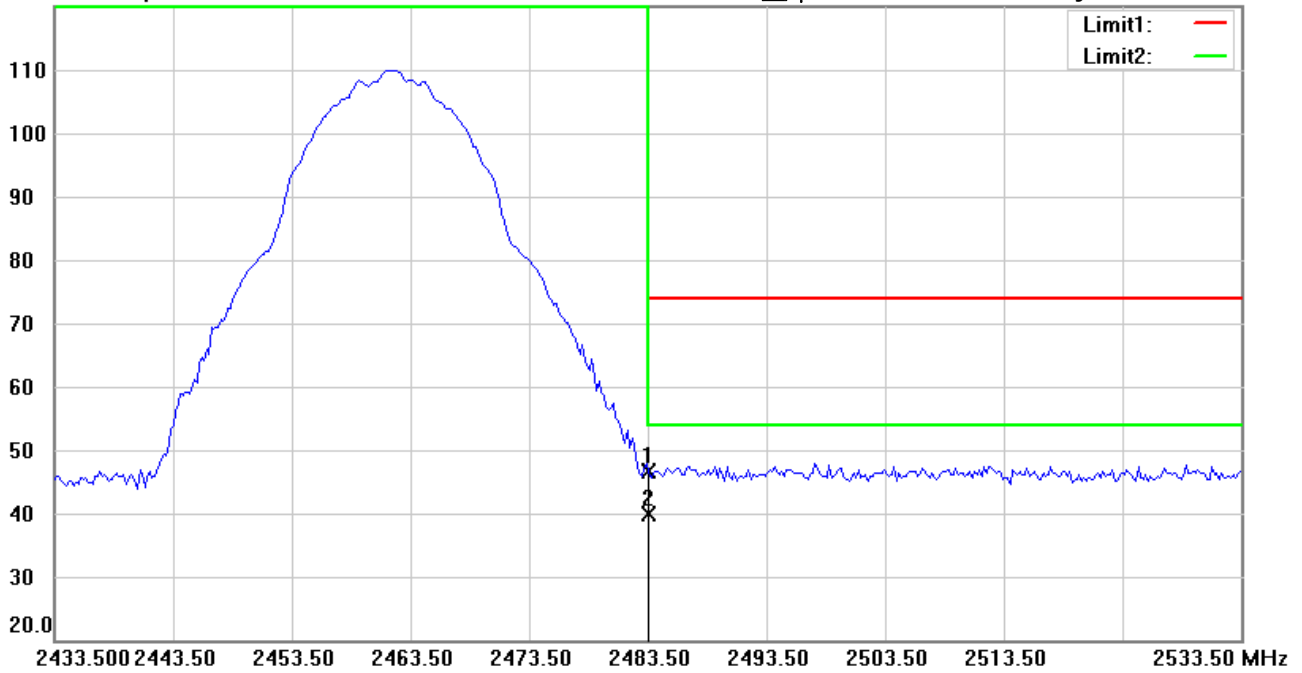
Date: 2023/3/15

Temperature:22.5 °C

120.0 dBuV/m

Time: 上午 12:19:03

Humidity:57.3 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	8.51	peak	38.14	46.65	74.00	150	208	-27.35	
*	2483.500	1.68	AVG	38.14	39.82	54.00	150	208	-14.18	



Radiated Emission Measurement

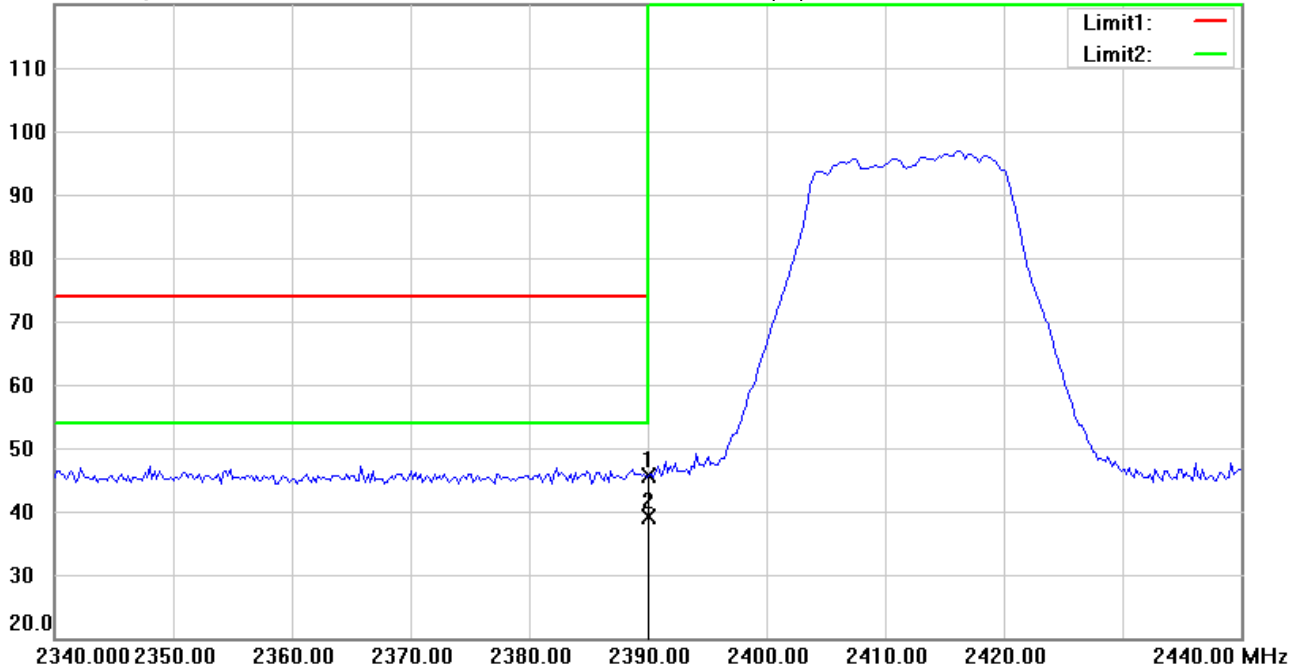
Operator: Eason

File :Bandedge
 120.0 dBuV/m

Data :#1

Date: 2023/3/1
 Time: 下午 04:14:38

Temperature:20.3 °C
 Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22302-22480

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	8.56	peak	37.11	45.67	74.00	150	265	-28.33	
*	2390.000	2.09	AVG	37.11	39.20	54.00	150	265	-14.80	



Radiated Emission Measurement

Operator: Eason

File :Bandedge

Data :#2

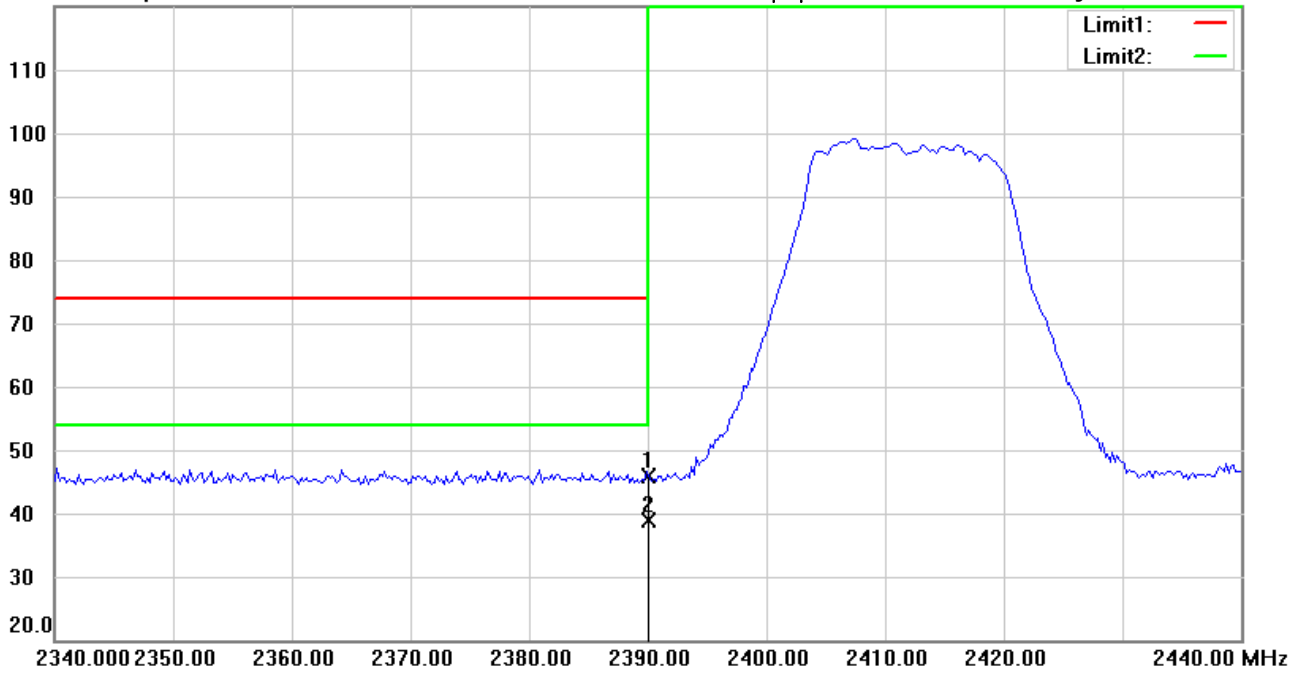
Date: 2023/3/1

Temperature:20.3 °C

120.0 dBuV/m

Time: 下午 04:20:11

Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	8.84	peak	37.11	45.95	74.00	150	61	-28.05	
*	2390.000	1.73	AVG	37.11	38.84	54.00	150	61	-15.16	



Radiated Emission Measurement

Operator: Eason

File :Bandedge

Data :#1

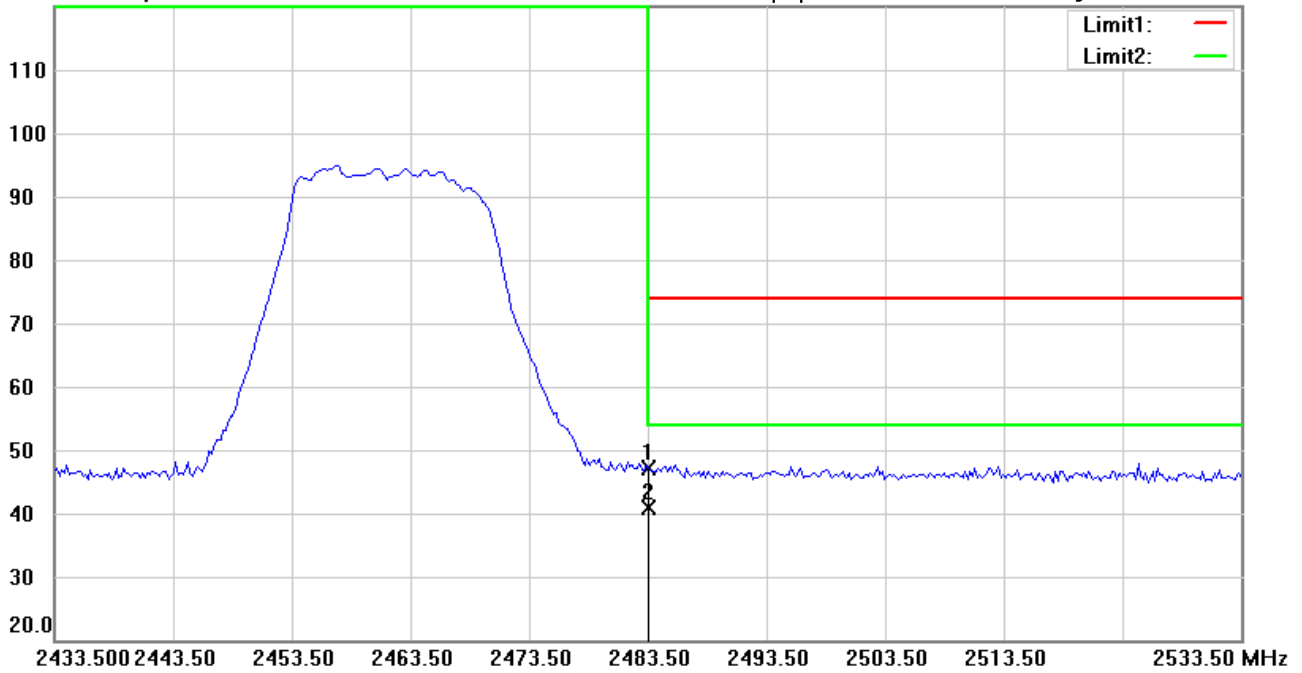
Date: 2023/3/1

Temperature:20.3 °C

120.0 dBuV/m

Time: 下午 04:00:11

Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

Polarization: *Horizontal*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	9.02	peak	38.14	47.16	74.00	150	308	-26.84	
*	2483.500	2.66	AVG	38.14	40.80	54.00	150	308	-13.20	



Radiated Emission Measurement

Operator: Eason

File :Bandedge

Data :#2

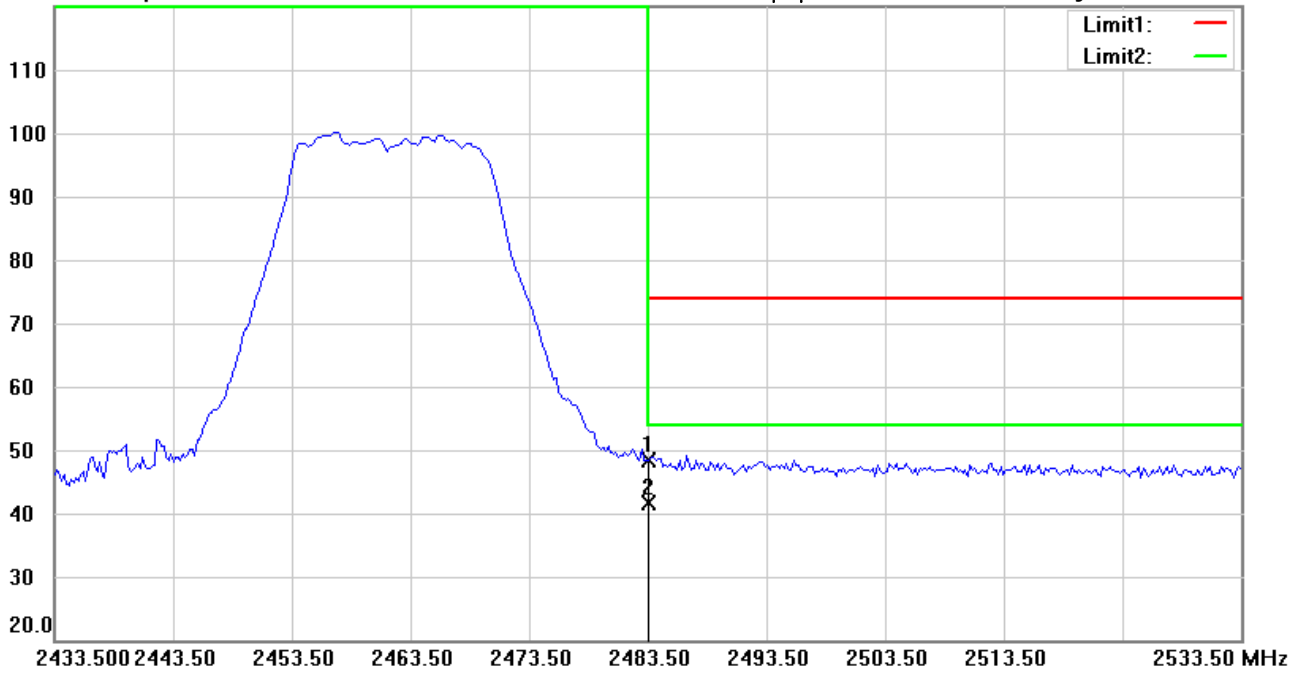
Date: 2023/3/1

Temperature:20.3 °C

120.0 dBuV/m

Time: 下午 04:05:35

Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	10.36	peak	38.14	48.50	74.00	150	112	-25.50	
*	2483.500	3.58	AVG	38.14	41.72	54.00	150	112	-12.28	



Radiated Emission Measurement

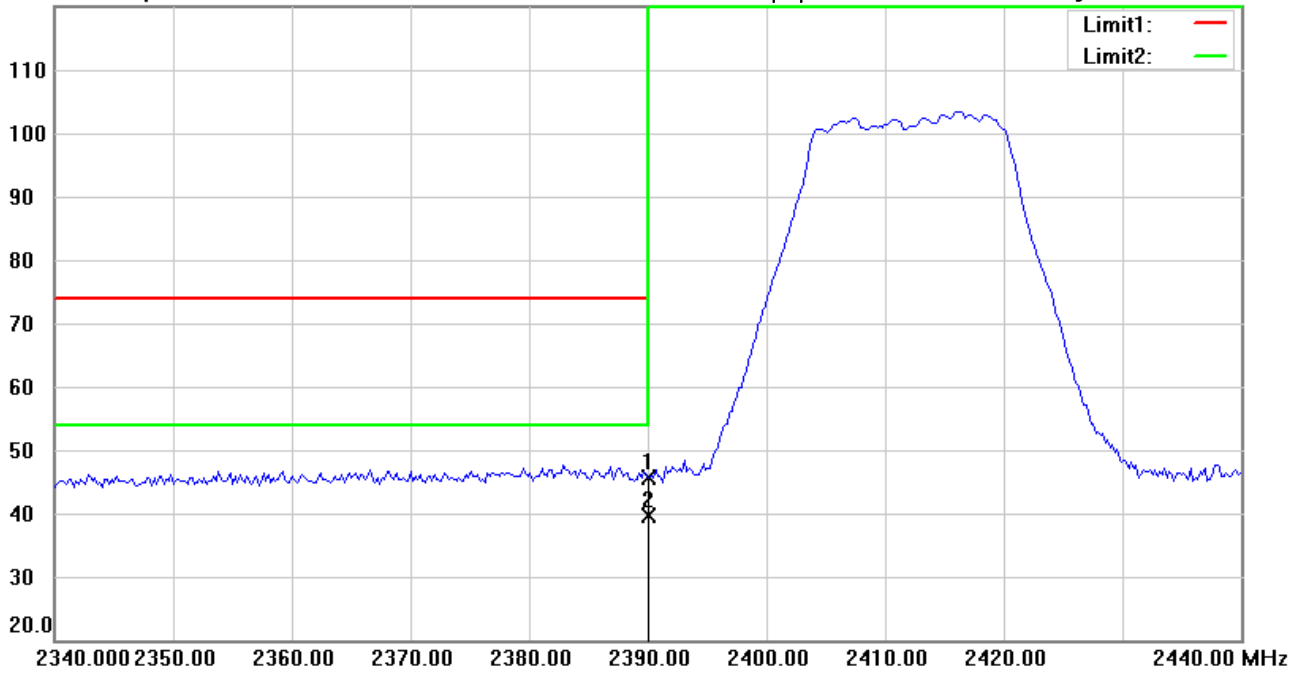
Operator: Eason

File :Bandedge
 120.0 dBuV/m

Data :#1

Date: 2023/3/1
 Time: 下午 05:42:50

Temperature:20.3 °C
 Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22302-22480

M/N:

Test Mode : TX 802.11n HT20 CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	8.64	peak	37.11	45.75	74.00	221	247	-28.25	
*	2390.000	2.58	AVG	37.11	39.69	54.00	221	247	-14.31	



Radiated Emission Measurement

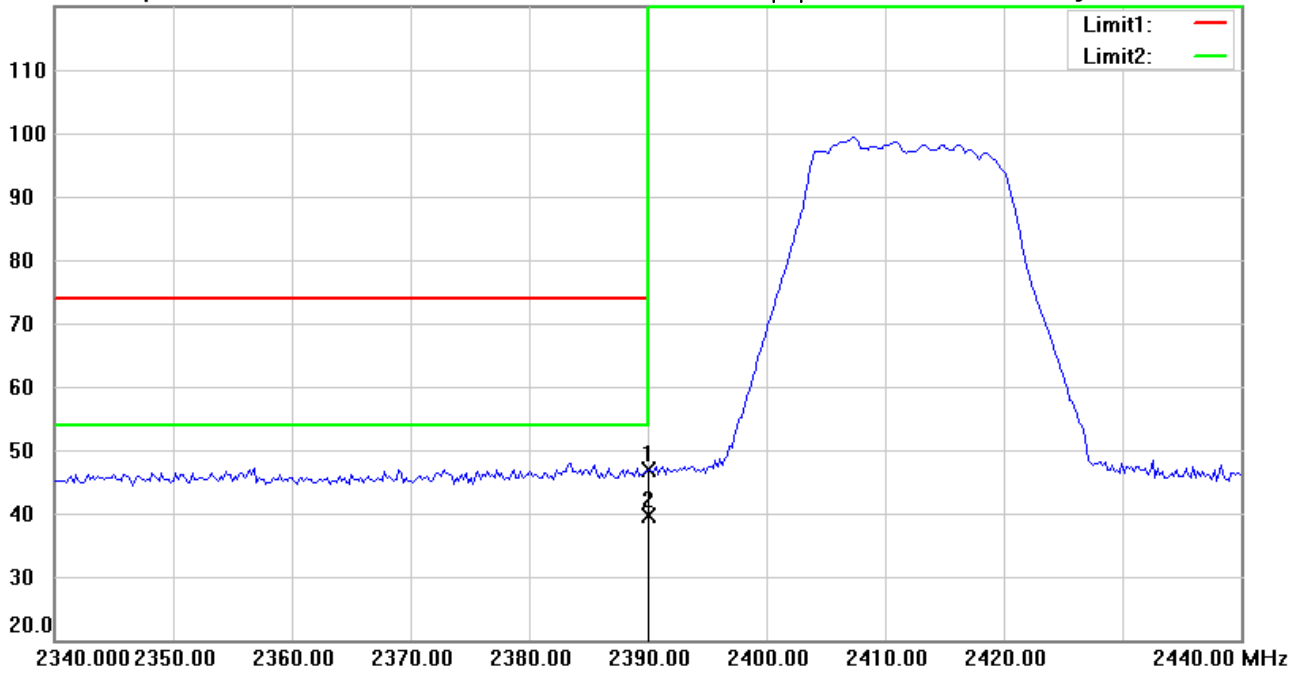
Operator: Eason

File :Bandedge
 120.0 dBuV/m

Data :#2

Date: 2023/3/1
 Time: 下午 05:47:14

Temperature:20.3 °C
 Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22302-22480

M/N:

Test Mode : TX 802.11n HT20 CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	9.70	peak	37.11	46.81	74.00	150	62	-27.19	
*	2390.000	2.47	AVG	37.11	39.58	54.00	150	62	-14.42	



Radiated Emission Measurement

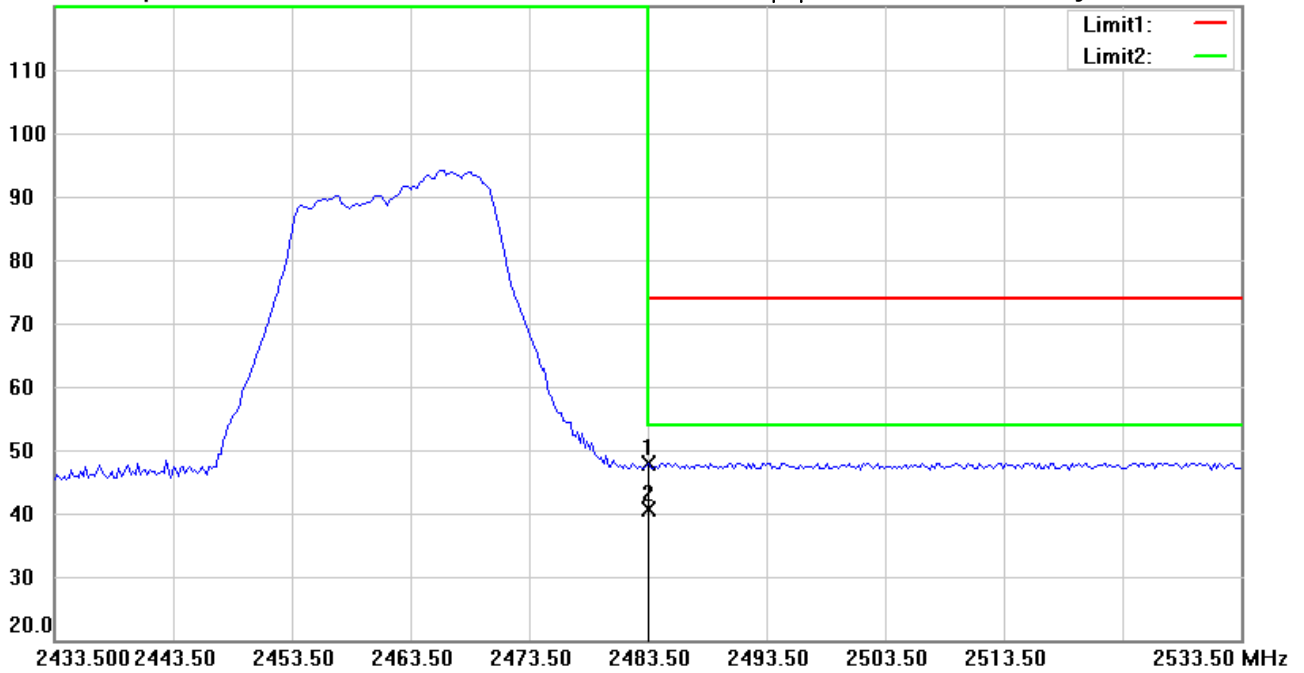
Operator: Eason

File :Bandedge
 120.0 dBuV/m

Data :#1

Date: 2023/3/1
 Time: 下午 05:28:51

Temperature:20.3 °C
 Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22302-22480

M/N:

Test Mode : TX 802.11n HT20 CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	9.73	peak	38.14	47.87	74.00	321	306	-26.13	
*	2483.500	2.53	AVG	38.14	40.67	54.00	321	306	-13.33	



Radiated Emission Measurement

Operator: Eason

File :Bandedge

Data :#2

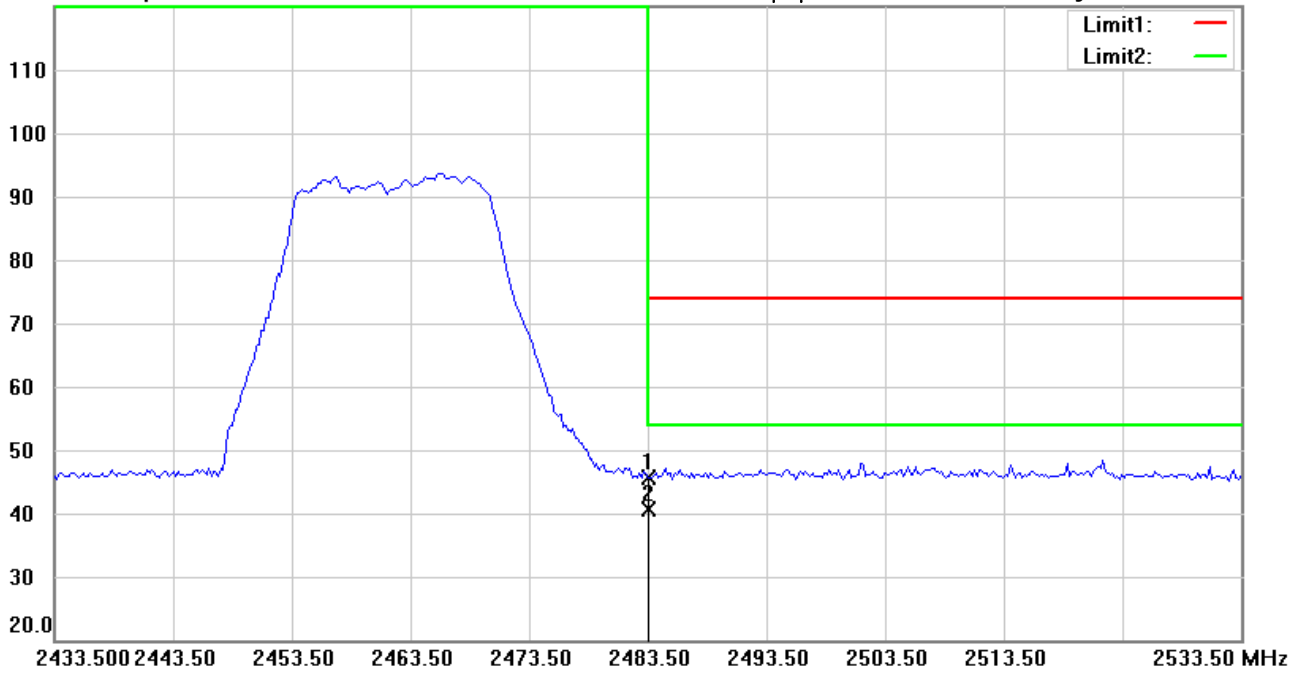
Date: 2023/3/1

Temperature:20.3 °C

120.0 dBuV/m

Time: 下午 05:35:19

Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

Polarization: *Vertical*

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT20 CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	7.54	peak	38.14	45.68	74.00	150	35	-28.32	
*	2483.500	2.47	AVG	38.14	40.61	54.00	150	35	-13.39	



Radiated Emission Measurement

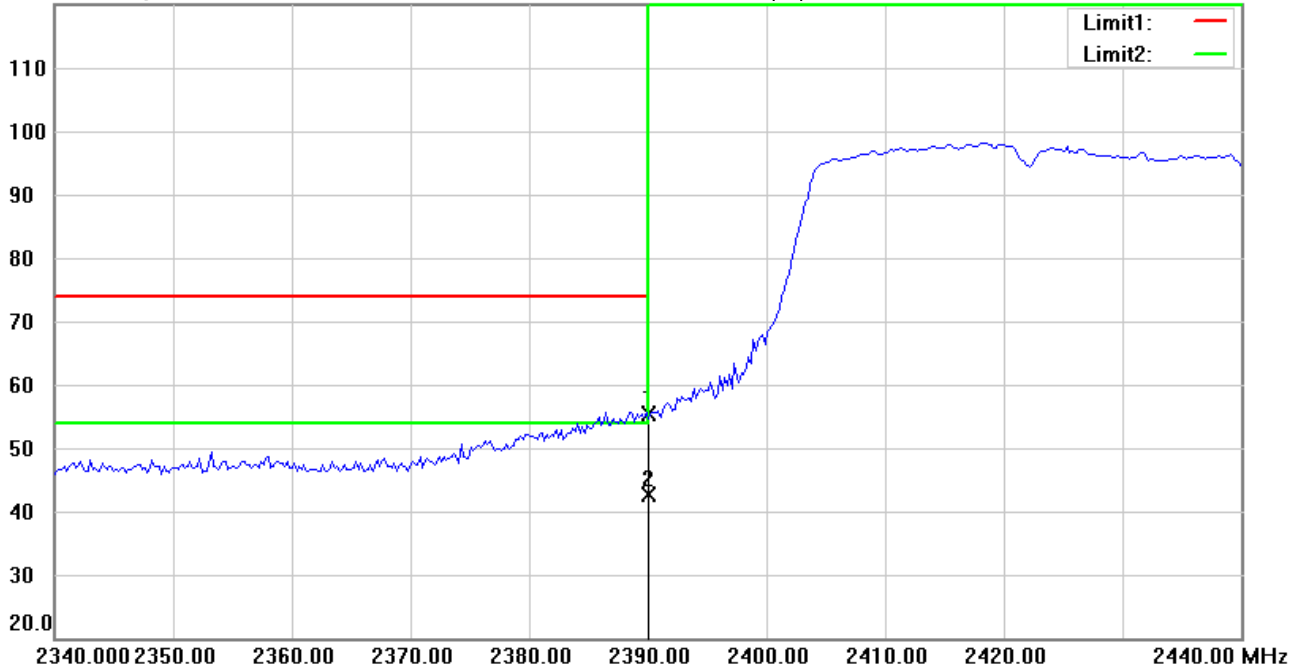
Operator: Sky

File :Bandedge
 120.0 dBuV/m

Data :#1

Date: 2023/3/1
 Time: 下午 07:01:15

Temperature:20.3 °C
 Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22302-22480

M/N:

Test Mode : TX 802.11n HT40 CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	18.37	peak	37.11	55.48	74.00	150	270	-18.52	
*	2390.000	5.50	AVG	37.11	42.61	54.00	150	270	-11.39	



Radiated Emission Measurement

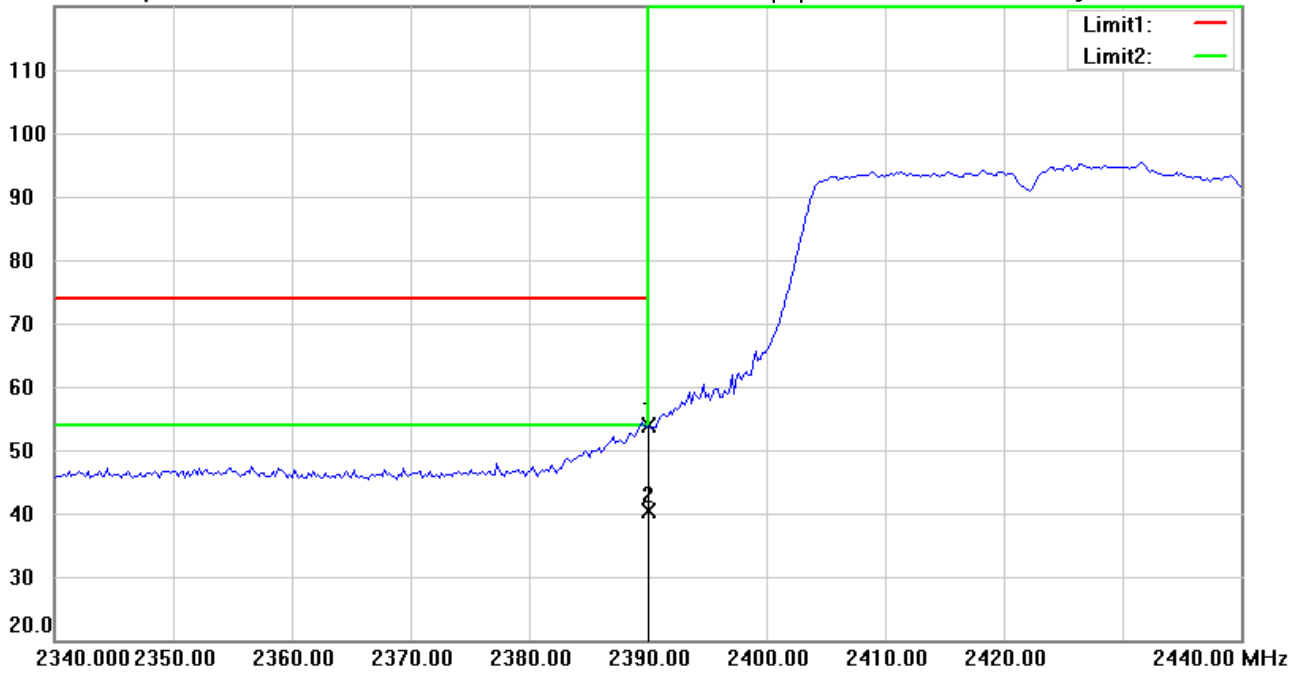
Operator: Sky

File :Bandedge
 120.0 dBuV/m

Data :#2

Date: 2023/3/1
 Time: 下午 07:04:22

Temperature:20.3 °C
 Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22302-22480

M/N:

Test Mode : TX 802.11n HT40 CH1

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2390.000	16.66	peak	37.11	53.77	74.00	150	115	-20.23	
*	2390.000	3.35	AVG	37.11	40.46	54.00	150	115	-13.54	



Radiated Emission Measurement

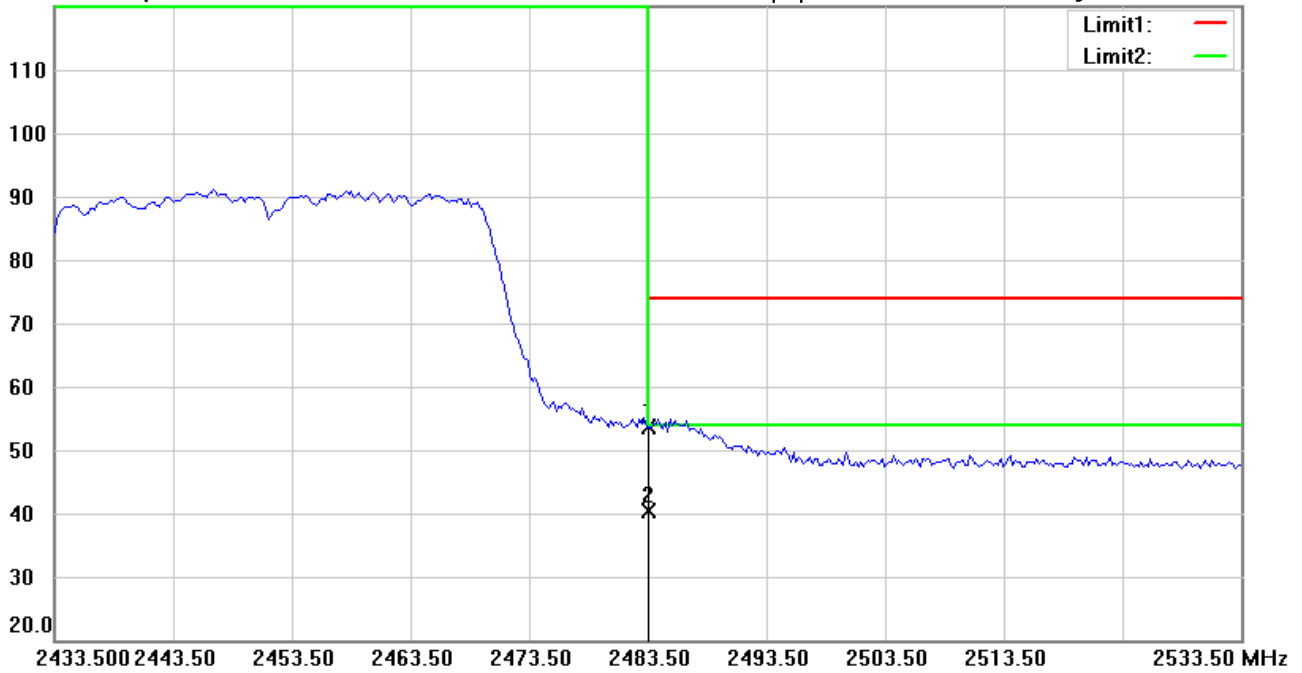
Operator: Sky

File :Bandedge
 120.0 dBuV/m

Data :#1

Date: 2023/3/1
 Time: 下午 07:12:52

Temperature:20.3 °C
 Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

EUT : W6M22302-22480

M/N:

Test Mode : TX 802.11n HT40 CH7

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	15.61	peak	38.14	53.75	74.00	190	300	-20.25	
*	2483.500	2.29	AVG	38.14	40.43	54.00	190	300	-13.57	



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Radiated Emission Measurement

Operator: Sky

File :Bandedge
 120.0 dBuV/m

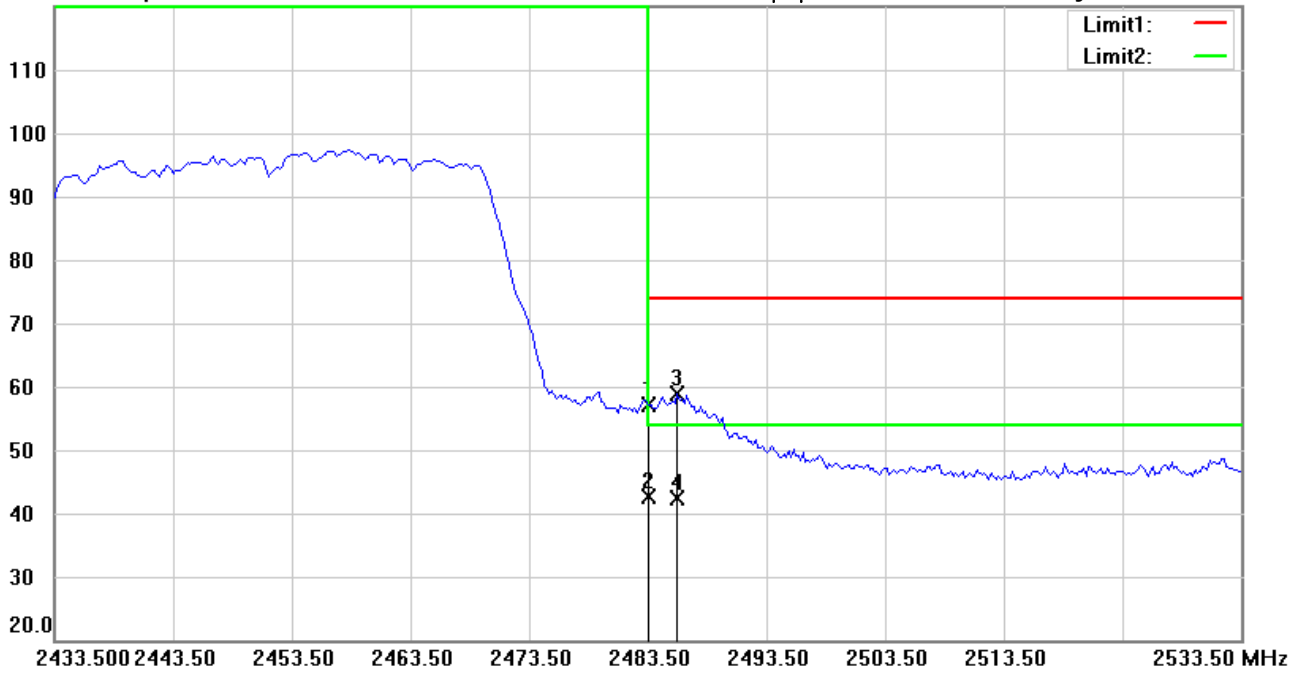
Data :#2

Date: 2023/3/1

Temperature:20.3 °C

Time: 下午 07:16:04

Humidity:63.7 %



Site : Chamber

Condition : FCC 15.247 PK (Bandedge)

Polarization: **Vertical**

EUT : W6M22302-22480

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n HT40 CH7

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2483.500	19.08	peak	38.14	57.22	74.00	150	120	-16.78	
*	2483.500	4.48	AVG	38.14	42.62	54.00	150	120	-11.38	
	2486.005	20.62	peak	38.17	58.79	74.00	150	120	-15.21	
	2486.005	4.22	AVG	38.17	42.39	54.00	150	120	-11.61	

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