

**47 CFR PART 15 SUBPART C TEST REPORT**

**for**

**4x4 Dual Band 802.11ac wave2 Wireless Module**

**Model No.: WMX6402-AS**

**FCC ID: W23-WMXWAVE2AS**

of

Applicant: JJPlus Corporation

Address: 15F-7, No. 2, Jianba Road, Zhonghe Dist., New Taipei City 235,  
Taiwan

Tested and Prepared

by

**Worldwide Testing Services (Taiwan) Co., Ltd.**

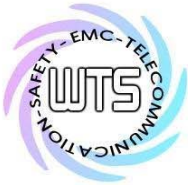
**FCC Registration No.: TW1477, TW1072**

**Industry Canada filed test laboratory Reg. No. 20037**



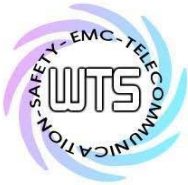
**Report No.: W6R22110-21274-C-1**

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](mailto:wts@wts-lab.com)



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# Worldwide Testing Services(Taiwan) Co., Ltd.

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## **1 General Information**

### **1.1 Notes**

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

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

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

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems. The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications equipment.

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

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

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

#### Specific Conditions:

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

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:**

November 18, 2021

Kent Lin

Date

WTS-Lab.

Name

Signature

#### **Technical responsibility for area of testing:**

November 18, 2021

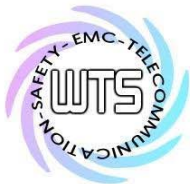
Kevin Wang

Date

WTS

Name

Signature



Registration number: W6R22110-21274-C-1

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## **1.2 Testing laboratory**

### **1.2.1 Location**

OATS

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

Wanli Dist., New Taipei City 207,

Taiwan (R.O.C.)

3 meter semi-anechoic chamber

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

TEL:886-2-6613-0228

FAX:886-2-2791-5046

Company

Worldwide Testing Services(Taiwan) Co., Ltd.

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

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

Tel : 886-2-66068877

Fax : 886-2-66068879

### **1.2.2 Details of accreditation status**

Accredited testing laboratory

FCC filed test laboratory Reg. No. TW1477, TW1072

Industry Canada filed test laboratory Reg. No. 20037

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

Name: ./.

Accredited number: ./.

Street: ./.

Town: ./.

Country: ./.

Telephone: ./.

Fax: ./.

## **1.3 Details of approval holder**

Name: JJPlus Corporation

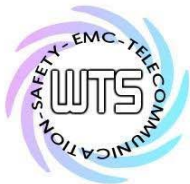
Street: 15F-7, No. 2, Jianba Road, Zhonghe Dist.,

Town: New Taipei City 235,

Country: Taiwan

Telephone: 02-2248-5700

Fax: 02-2248-5977



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## **1.4 Application details**

Date of receipt of test item(1<sup>st</sup>): August 23, 2019  
Date of test(1<sup>st</sup>): from August 26, 2019 to October 22, 2019  
Date of receipt of test item(2<sup>nd</sup>): February 20, 2020  
Date of test(2<sup>nd</sup>): from February 21, 2020 to March 25, 2020  
Date of receipt of test item(3<sup>rd</sup>): October 28, 2021  
Date of test(3<sup>rd</sup>): from October 29, 2021 to November 17, 2021

## **1.5 General information of Test item**

Type of test item: 4x4 Dual Band 802.11ac wave2 Wireless Module  
Model Number: WMX6402-AS  
Brand Name: jjPlus CORP.  
Multi-listing model number: WMX6302-AS, WMX5402-AS, WMX2402-AS, WMX6401-AS, WMX6301-AS, WMX5401-AS, WMX2401-AS, WMX6402, WMX6401, WMX6302, WMX6301, WMX5402, WMX5401, WMX2402, WMX2401  
Photos: ./.

### **Technical data**

Frequency band: 2.4 GHz – 2.4835 GHz

#### **802.11b, g, n 20MHz**

Frequency ( ch 1 or A): 2.412 GHz

Frequency ( ch 6 or B): 2.437 GHz

Frequency ( ch 11 or C): 2.462 GHz

#### **802.11n 40MHz**

Frequency ( ch 1 or A): 2.422 GHz

Frequency ( ch 4 or B): 2.437 GHz

Frequency ( ch 7 or C): 2.452 GHz

Number of Channels: 802.11b, g, n 20MHz: 11  
802.11n 40MHz: 7

Operation modes: Duplex

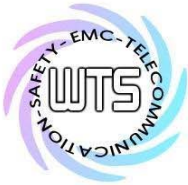
Modulation Type: DSSS / OFDM

Fixed point-to-point operation:  Yes /  No

Type of Antenna: Dipole Antenna

Antenna gain: 3.5 dBi (for model no: AOA160-221020-000000)

2 dBi (for model no : A8-A003-A9001) (Testing laboratory assumes no responsibility for affecting any validity of the result while the information which is provided by clients.)



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Directional gain: 9.52 dBi

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

Power supply: 3.3Vd.c.  
 Emission designator: Mode A (802.11b): DSSS: 12M89G1D  
 Mode B (802.11g): OFDM: 16M52D1D  
 Mode C (802.11n 20MHz): OFDM: 17M79D1D  
 Mode D (802.11n 40MHz): OFDM: 36M46D1D  
 Host device: none

Classification:

Fixed Device	<input type="checkbox"/>
Mobile Device (Human Body distance > 20cm)	<input type="checkbox"/>
Portable Device (Human Body distance < 20cm)	<input type="checkbox"/>
Modular Radio Device	<input checked="" type="checkbox"/>

**Transmitter**

**Unom**

**ANT1**

**Mode A**

Power ( ch 1 or A): Conducted: 14.73 dBm  
 Power ( ch 6 or B): Conducted: 15.06 dBm  
 Power ( ch 11 or C): Conducted: 11.50 dBm

**Mode B**

Power ( ch 1 or A): Conducted: 13.81 dBm  
 Power ( ch 6 or B): Conducted: 14.13 dBm  
 Power ( ch 11 or C): Conducted: 14.02 dBm

**Mode C**

Power ( ch 1 or A): Conducted: 13.56 dBm  
 Power ( ch 6 or B): Conducted: 14.51 dBm  
 Power ( ch 11 or C): Conducted: 14.51 dBm

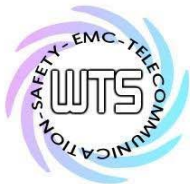
**Mode D**

Power ( ch 1 or A): Conducted: 10.15 dBm  
 Power ( ch 4 or B): Conducted: 12.39 dBm  
 Power ( ch 7 or C): Conducted: 11.49 dBm

**ANT2**

**Mode A**

Power ( ch 1 or A): Conducted: 18.18 dBm  
 Power ( ch 6 or B): Conducted: 18.35 dBm  
 Power ( ch 11 or C): Conducted: 17.92 dBm



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## **Mode B**

Power ( ch 1 or A): Conducted: 16.99 dBm

Power ( ch 6 or B): Conducted: 17.12 dBm

Power ( ch 11 or C): Conducted: 16.88 dBm

## **Mode C**

Power ( ch 1 or A): Conducted: 17.36 dBm

Power ( ch 6 or B): Conducted: 17.85 dBm

Power ( ch 11 or C): Conducted: 17.91 dBm

## **Mode D**

Power ( ch 1 or A): Conducted: 12.85 dBm

Power ( ch 4 or B): Conducted: 14.67 dBm

Power ( ch 7 or C): Conducted: 13.72 dBm

## **ANT3**

### **Mode A**

Power ( ch 1 or A): Conducted: 17.73 dBm

Power ( ch 6 or B): Conducted: 17.73 dBm

Power ( ch 11 or C): Conducted: 17.49 dBm

### **Mode B**

Power ( ch 1 or A): Conducted: 16.62 dBm

Power ( ch 6 or B): Conducted: 16.62 dBm

Power ( ch 11 or C): Conducted: 16.41 dBm

### **Mode C**

Power ( ch 1 or A): Conducted: 17.59 dBm

Power ( ch 6 or B): Conducted: 17.50 dBm

Power ( ch 11 or C): Conducted: 17.35 dBm

### **Mode D**

Power ( ch 1 or A): Conducted: 12.59 dBm

Power ( ch 4 or B): Conducted: 14.48 dBm

Power ( ch 7 or C): Conducted: 13.64 dBm

## **ANT4**

### **Mode A**

Power ( ch 1 or A): Conducted: 17.33 dBm

Power ( ch 6 or B): Conducted: 17.24 dBm

Power ( ch 11 or C): Conducted: 15.83 dBm

### **Mode B**

Power ( ch 1 or A): Conducted: 15.87 dBm

Power ( ch 6 or B): Conducted: 15.94 dBm

Power ( ch 11 or C): Conducted: 15.55 dBm

### **Mode C**

Power ( ch 1 or A): Conducted: 17.03 dBm

Power ( ch 6 or B): Conducted: 17.04 dBm

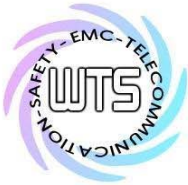
Power ( ch 11 or C): Conducted: 16.73 dBm

### **Mode D**

Power ( ch 1 or A): Conducted: 11.92 dBm

Power ( ch 4 or B): Conducted: 14.12 dBm

Power ( ch 7 or C): Conducted: 12.92 dBm



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Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	185.03	196.01	191.48	22.67	22.92	22.82
802.11n 40MHz	63.35	100.52	80.35	18.02	20.02	19.05

## **Manufacturer: (if applicable)**

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

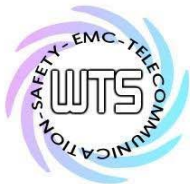
## **1.6 Test standards**

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

### **Special statement:**

1. This test report is based on the original test report no.: W6R22002-19655-C-1.
2. The relevant Circuitry, PCB Layout, Inner element and Function is exactly the same as the one in original test report. The differences are appearance, manufacturer, address of applicant, add the heat sink, add multi-listing model number, re-testing test item of radiated emission and conducted emission and the version of standard. Therefore the other test result is also based on the original test report no. W6R22002-19655-C-1 without re-testing.





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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: 3.3Vd.c.

Extreme conditions parameters: ./.

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

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

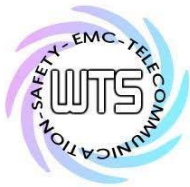


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FCC ID: W23-WMXWAVE2AS

## 2.3 Test Equipment List

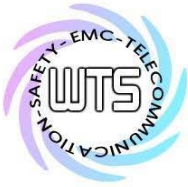
No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2021/6/17	2022/6/16
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 004	ZWEILEITER-V-NETZNACHBILDUNG TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2021/11/5	2022/11/4
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2021/9/22	2022/9/21
ETSTW-CE 008	HF-EICHLLEITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function Test	
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2021/7/29	2022/7/28
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2021/10/25	2022/10/24
ETSTW-CE 028	MXE EMI Receiver	N9038A	MY53220110	Agilent	2021/7/28	2022/7/27
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2021/6/17	2022/6/16
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2021/9/28	2022/9/27
ETSTW-RE 012	TUNABLE BANDREJECT FILTER	D.C 0309	146	K&L	Function Test	
ETSTW-RE 013	TUNABLE BANDREJECT FILTER	D.C 0336	397	K&L	Function Test	
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2021/8/4	2022/8/3
ETSTW-RE 019	MICROWAVE HORN ANTENNA	22240-25	121074	FM	2021/5/31	2022/5/30
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2021/6/16	2022/6/15
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2021/5/5	2022/5/4
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2021/3/18	2022/3/17
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2021/5/21	2022/5/20
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2021/7/14	2022/7/13
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2021/2/19	2022/2/18
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2021/2/19	2022/2/18
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2021/2/19	2022/2/18
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2021/3/16	2022/3/15
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2021/2/19	2022/2/18
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2021/5/14	2022/5/13
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	Function Test	
ETSTW-RE 069	Double-Ridged Guide Horn Antenna	3117	00069377	ETS-Lindgren	Function Test	
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2021/10/27	2022/10/26
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2021/9/17	2022/9/16
ETSTW-RE 091	Match Pad	MDCS1500	None	WOKEN	2021/5/27	2022/5/26
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2021/2/19	2022/2/18
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2021/1/6	2022/1/5



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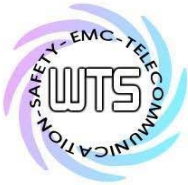
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	2021/10/29	2022/10/28
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2021/6/8	2022/6/7
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2021/8/6	2022/8/5
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2021/8/6	2022/8/5
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2021/2/19	2022/2/18
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2021/8/6	2022/8/5
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2021/8/6	2022/8/5
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-RE 142	Amplifier	8447D	2805A03378	Agilent	2021/5/14	2022/5/13
ETSTW-RE 146	Preamplifier	JPA-10MIG	15090004	JPT	2021/6/4	2022/6/3
ETSTW-RE 148	Bi-log Hybrid Antenna	MCTD 2786B	BLB16M04006	ETC	2021/7/2	2022/7/1
ETSTW-RE 152	Bi-log Hybrid Antenna	MCTD 2786B	BLB20J04029	ETC	2021/10/5	2022/10/4
ETSTW-RE 153	Signal Analyzer	FSV40	101929	R&S	2021/10/6	2022/10/5
ETSTW-RF 002	Electromagnetic field probe	LF-30	K-0007	STT	2021/7/19	2022/7/18
ETSTW-EMI 011	USB Compact Modulator	SFC-U	101689	R&S	2021/6/2	2022/6/1
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2021/3/16	2022/3/15
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2021/4/27	2022/4/26
ETSTW-GSM 004	Wideband Radio Communication Tester	CMW500	128092	R&S	2021/10/29	2022/10/28
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40/12+9SS	3	WI	2021/1/6	2022/1/5
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2021/1/6	2022/1/5
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2021/1/6	2022/1/5
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2021/1/6	2022/1/5
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2021/9/7	2022/9/6
ETSTW-GSM 024	Radio Communication Analyzer	MT8821C	None	Anritsu	2021/4/1	2022/3/31
ETSTW-GSM 025	Band Reject Filter	BRM19835	001	Micro-Tronics	2021/8/6	2022/8/5
ETSTW-Cable 011	SMA to N type Cable	RGU-400	None	THERMAX	Pre-test Use NCR	
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2021/2/19	2022/2/18
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2021/2/19	2022/2/18
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2021/2/19	2022/2/18
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2021/2/19	2022/2/18
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2021/7/1	2022/6/30
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2021/5/7	2022/5/6
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2021/9/17	2022/9/16
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2021/9/17	2022/9/16
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S Cable 9)	279067	HUBER+SUHNER	2021/2/19	2022/2/18
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2021/5/14	2022/5/13
ETSTW-Cable 047	Microwave Cable	SUCOFLEX 104	325518	HUBER+SUHNER	2021/7/2	2022/7/1



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ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2021/6/4	2022/6/3
ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2021/5/14	2022/5/13
ETSTW-Cable 071	N TYPE CABLE	EMCCFD400-NM-NM-25000	170239	EMCI	2021/6/4	2022/6/3
ETSTW-Cable 072	SMA type cable (8m)	SUCOFLEX 104	805800/4	HUBER+SUHNER	2021/5/14	2022/5/13
ETSTW-Cable 074	SMA type cable (2m)	SUCOFLEX 104	802563/4	HUBER+SUHNER	2021/5/14	2022/5/13
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMC	None	Farad	Version ETS-03A1 Version EMEC-3A1+	
WTSTW-SW 006	EMI TEST SOFTWARE	e3	None	AUDIX	Version 9.161014	
WTSTW-SW 008	Signal studio	Agilent	None	AUDIX	Version 2.0.0.1	
ETSTW-TH 002	Thermohygrometer	608-H1	45204317	Testo	2021/10/18	2022/10/17
ETSTW-TH 003	Wireless weather station	GAIA	N/A	TFA	2021/10/18	2022/10/17



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## **2.4 General Test Procedure**

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

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

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

Example:

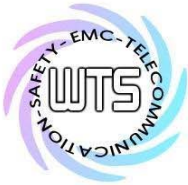
Freq (MHz)      METER READING + ACF + CABLE LOSS (to the receiver) = FS  
33                      20 dB $\mu$ V + 10.36 dB + 6 dB = 36.36 dB $\mu$ V/m @3m

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

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

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

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



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

The formula is as follows:

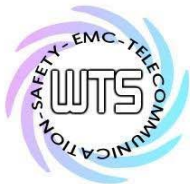
Average = Peak + Duty Factor

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

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

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

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



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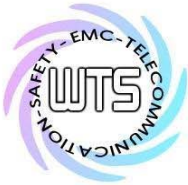
**3 Test results (enclosure)**

TEST CASE	Para. Number	Required	Test passed	Test failed
Peak Output Power	15.247(b)(3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Equivalent isotropically radiated Power	15.247(b)(3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Spurious Emissions radiated – Transmitter operating	15.247(d): 15.209	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Band Edge Measurement	15.247(d)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum 6 dB Bandwidth	15.247(a)	<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"/>
Radiated Emission from Digital Part	15.109	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power Line Conducted Emission	15.207	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Note:**

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

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



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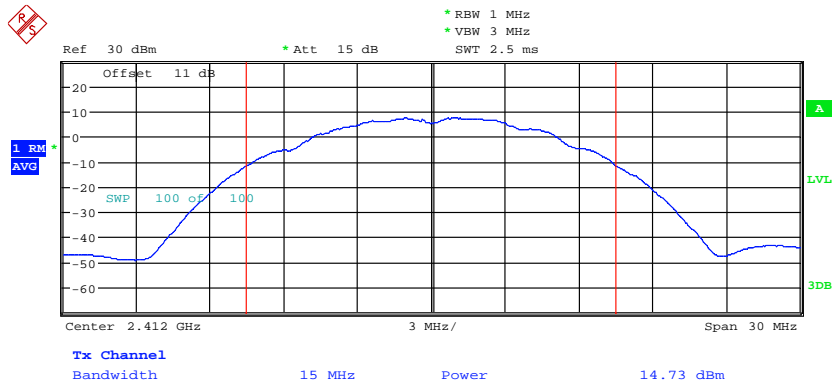
### 3.1 Peak Output Power (transmitter)

FCC Rule: 15.247(b)(3)

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

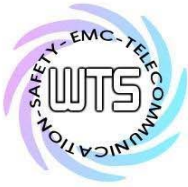
The power was measured with modulation (declared by the applicant).

#### ANT1



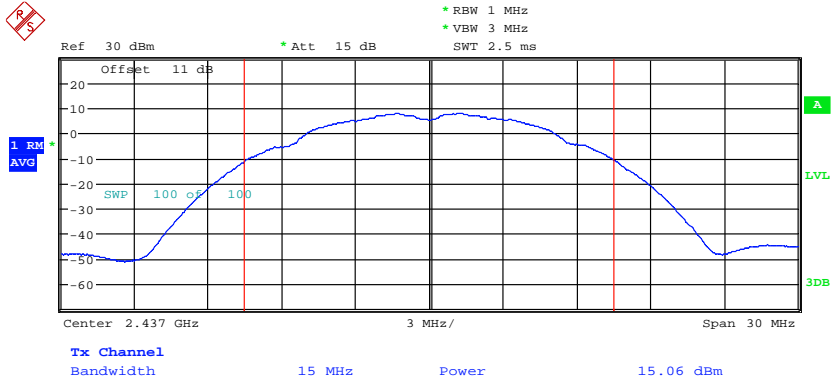
MAX OUTPUT POWER 802.11B CH01  
Date: 17.MAR.2020 13:55:31





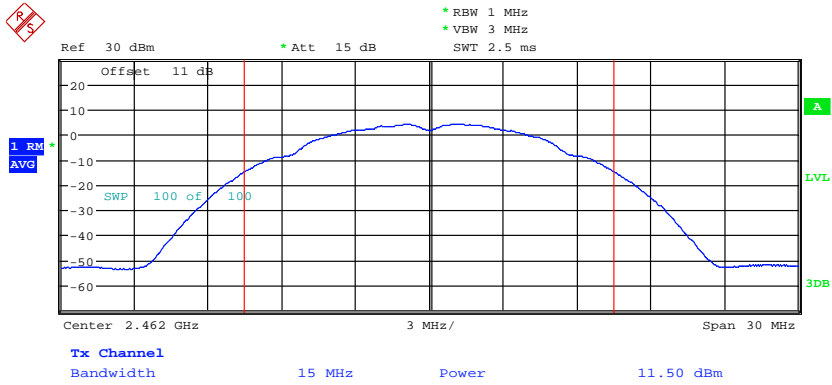
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



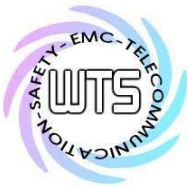
MAX OUTPUT POWER 802.11B CH06

Date: 17.MAR.2020 13:56:10



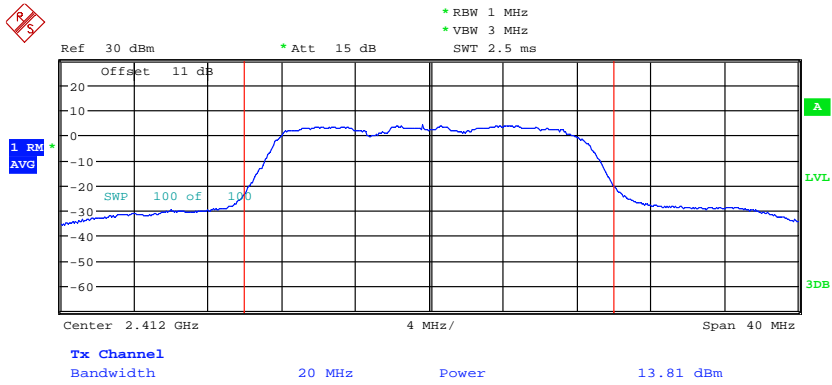
MAX OUTPUT POWER 802.11B CH11

Date: 17.MAR.2020 13:56:48



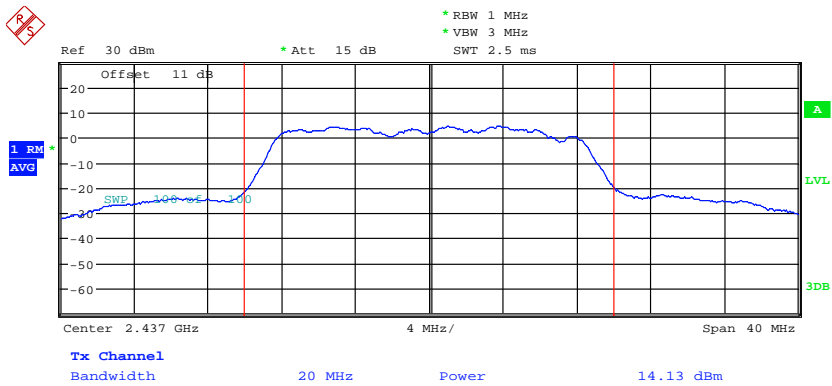
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



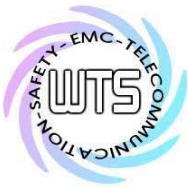
MAX OUTPUT POWER 802.11G CH01

Date: 17.MAR.2020 13:57:58



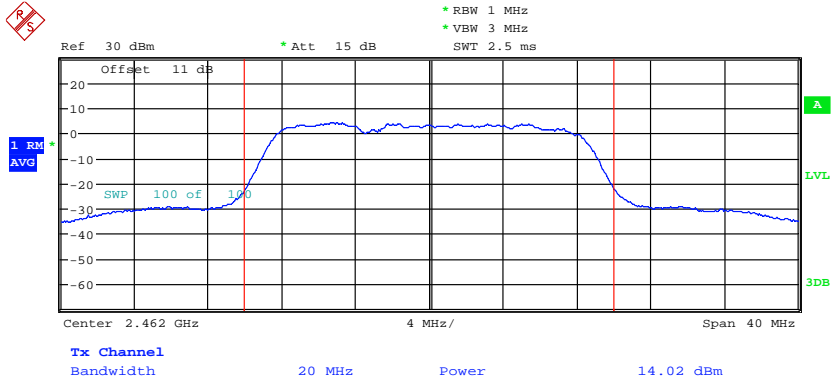
MAX OUTPUT POWER 802.11G CH06

Date: 17.MAR.2020 13:58:28



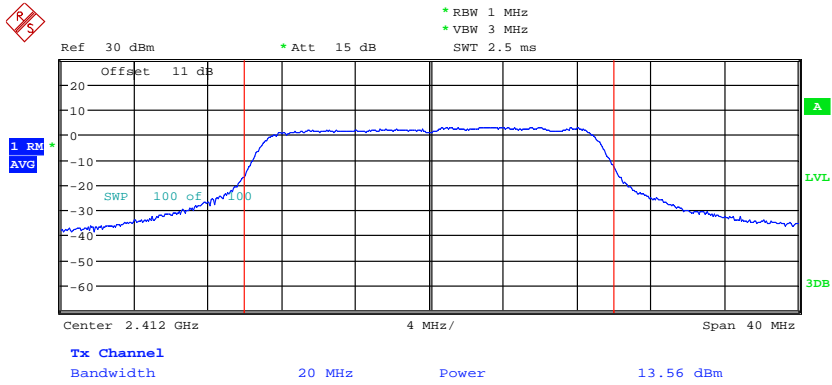
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



MAX OUTPUT POWER 802.11G CH11

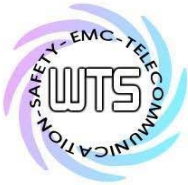
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MAX OUTPUT POWER 802.11N 20MHZ CH1

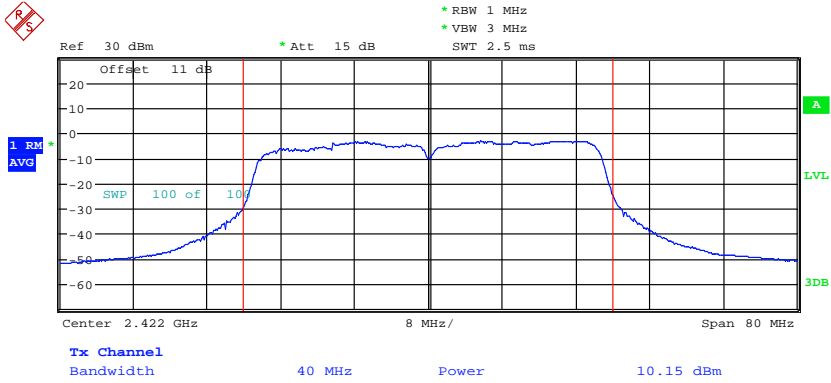
Date: 17.MAR.2020 14:13:48





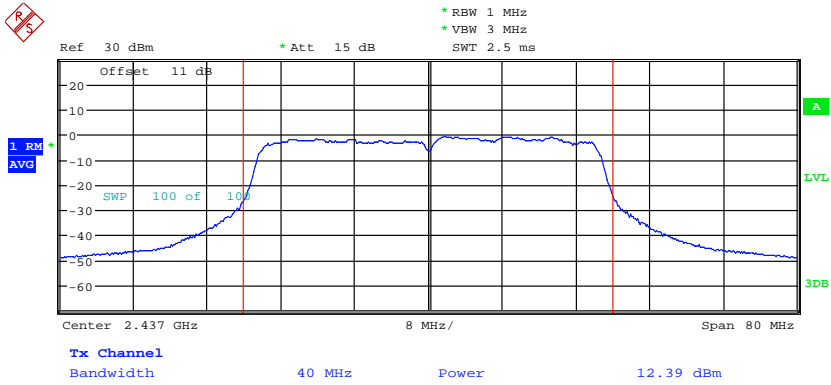
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



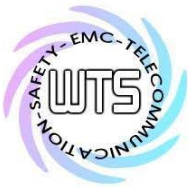
MAX OUTPUT POWER 802.11N 40MHZ CH1

Date: 17.MAR.2020 14:21:26

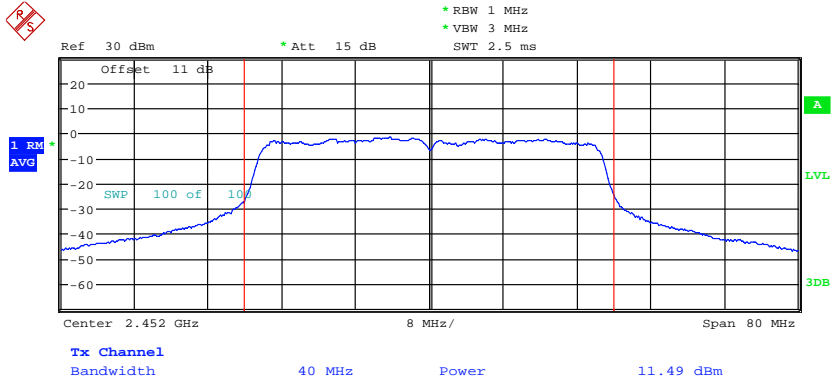


MAX OUTPUT POWER 802.11N 40MHZ CH4

Date: 17.MAR.2020 14:21:56



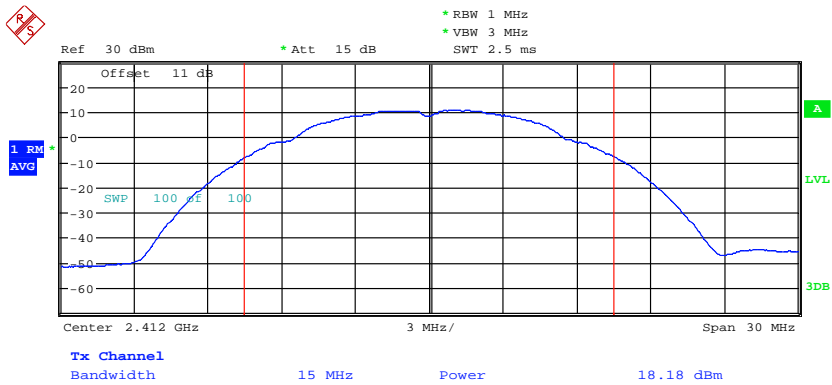
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



MAX OUTPUT POWER 802.11N 40MHZ CH7

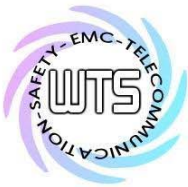
Date: 17.MAR.2020 14:22:28

## ANT2

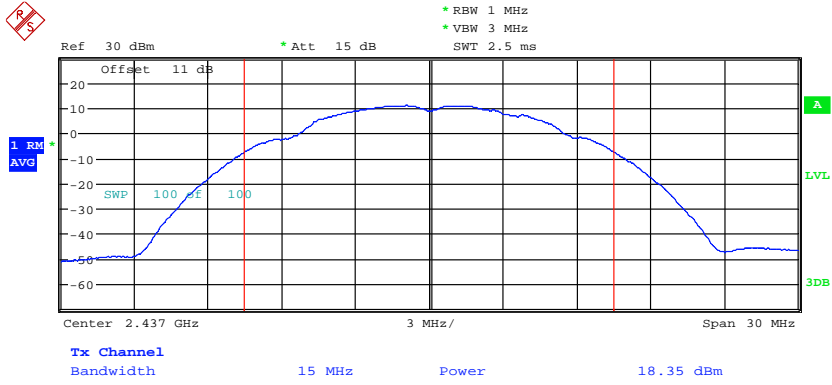


MAX OUTPUT POWER 802.11B CH01

Date: 17.MAR.2020 14:29:18

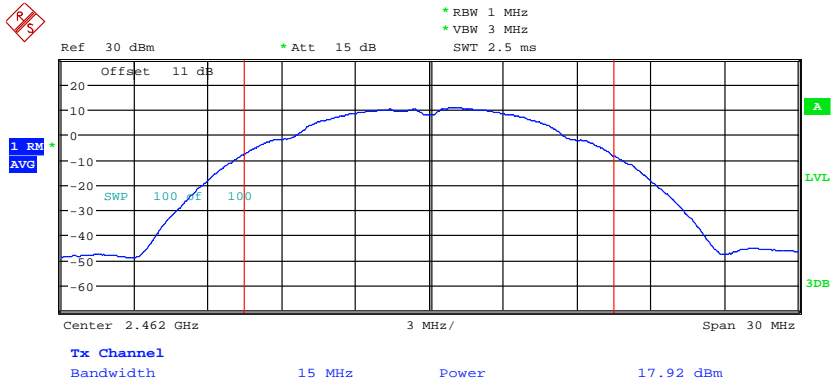


Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



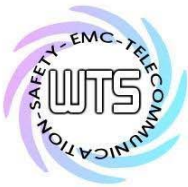
MAX OUTPUT POWER 802.11B CH06

Date: 17.MAR.2020 14:29:59



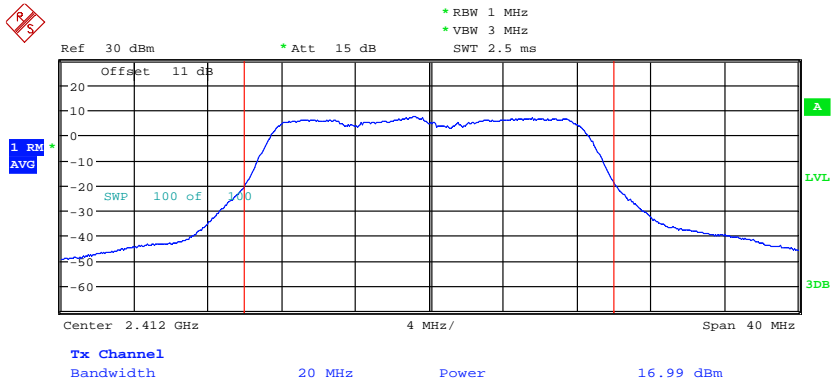
MAX OUTPUT POWER 802.11B CH11

Date: 17.MAR.2020 14:31:34



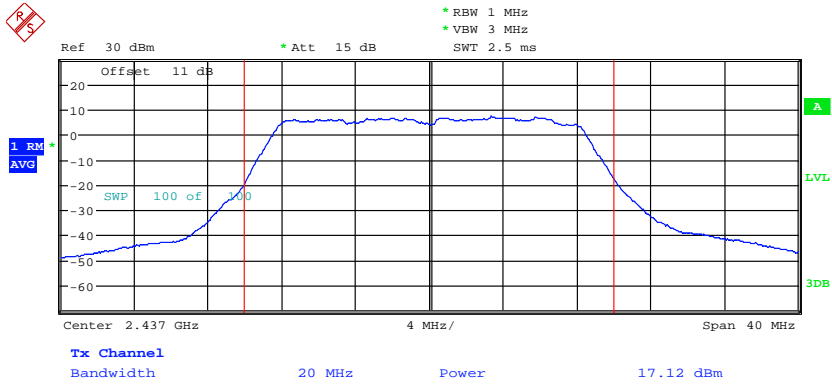
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



MAX OUTPUT POWER 802.11G CH01

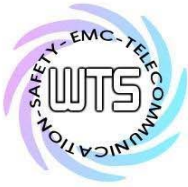
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MAX OUTPUT POWER 802.11G CH06

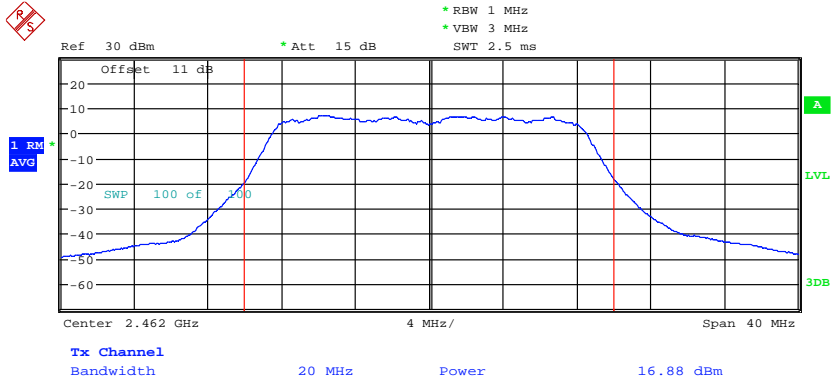
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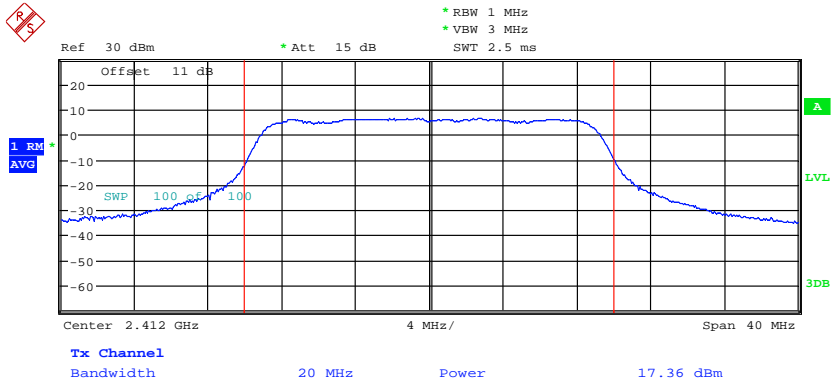
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



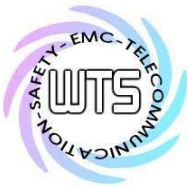
MAX OUTPUT POWER 802.11G CH11

Date: 17.MAR.2020 14:33:01



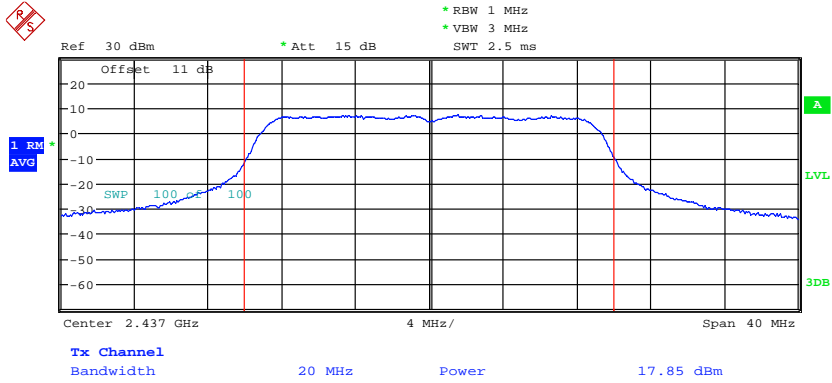
MAX OUTPUT POWER 802.11N 20MHZ CH1

Date: 17.MAR.2020 14:35:19



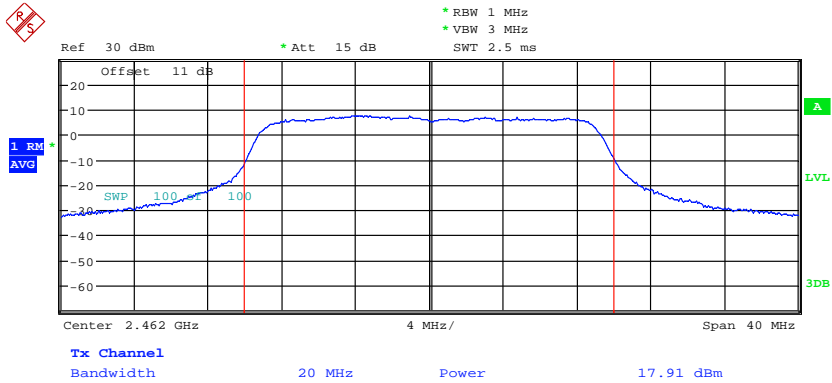
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



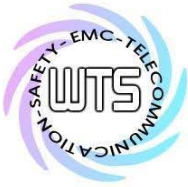
MAX OUTPUT POWER 802.11N 20MHZ CH6

Date: 17.MAR.2020 14:35:41



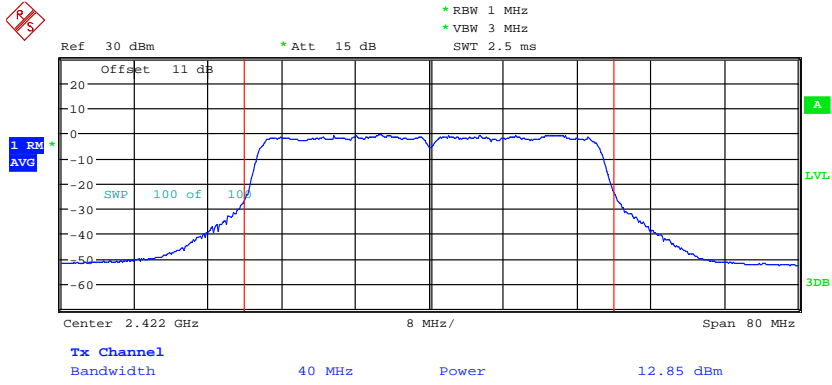
MAX OUTPUT POWER 802.11N 20MHZ CH11

Date: 17.MAR.2020 14:36:04



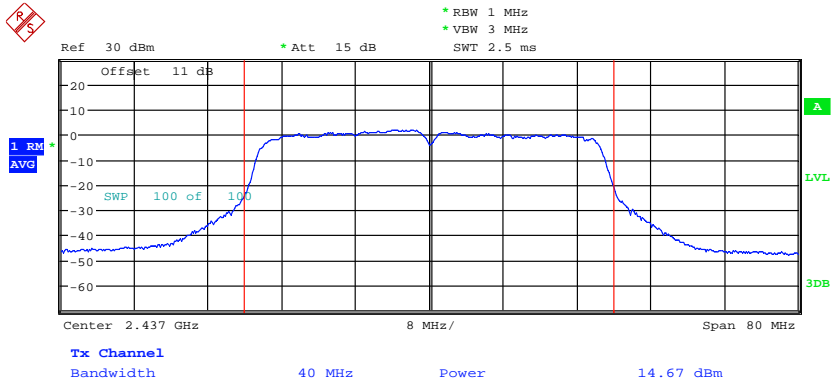
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



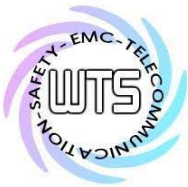
MAX OUTPUT POWER 802.11N 40MHZ CH1

Date: 17.MAR.2020 14:36:41

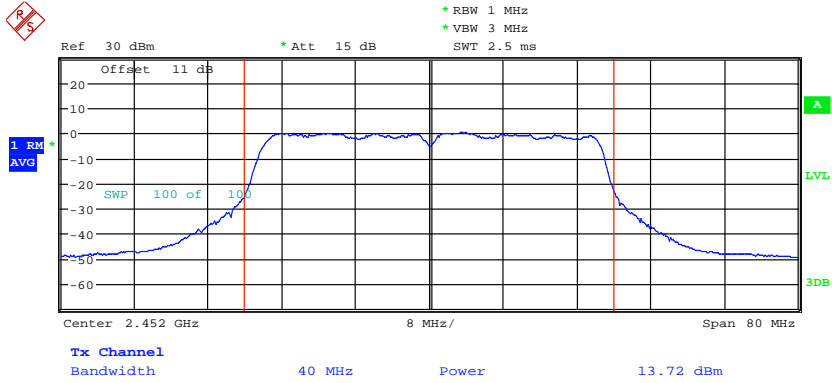


MAX OUTPUT POWER 802.11N 40MHZ CH4

Date: 17.MAR.2020 14:37:08



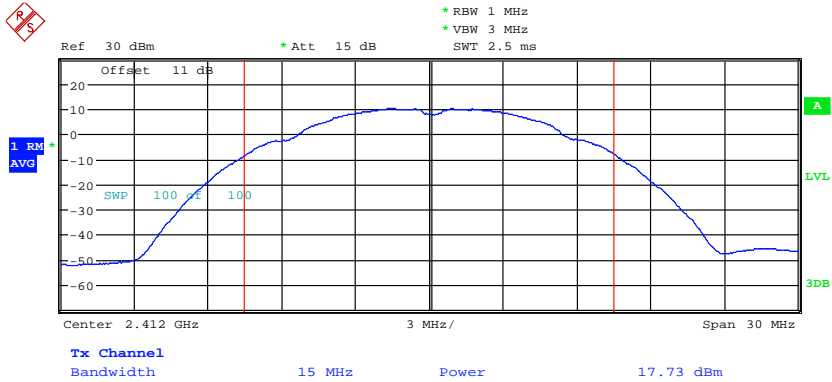
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



MAX OUTPUT POWER 802.11N 40MHZ CH7

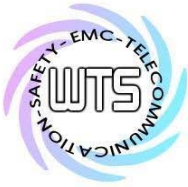
Date: 17.MAR.2020 14:37:34

## ANT3



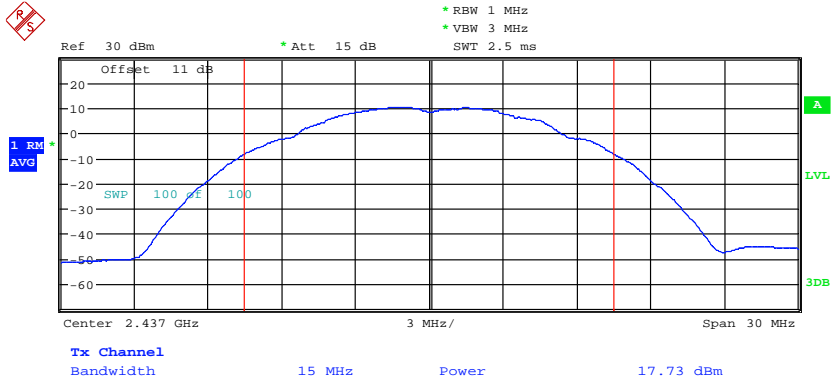
MAX OUTPUT POWER 802.11B CH01

Date: 17.MAR.2020 14:44:48



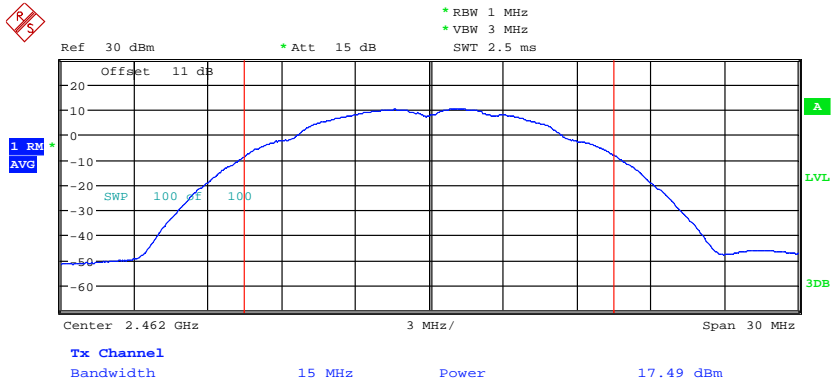
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



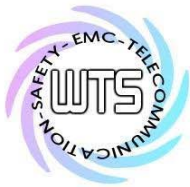
MAX OUTPUT POWER 802.11B CH06

Date: 17.MAR.2020 14:45:15



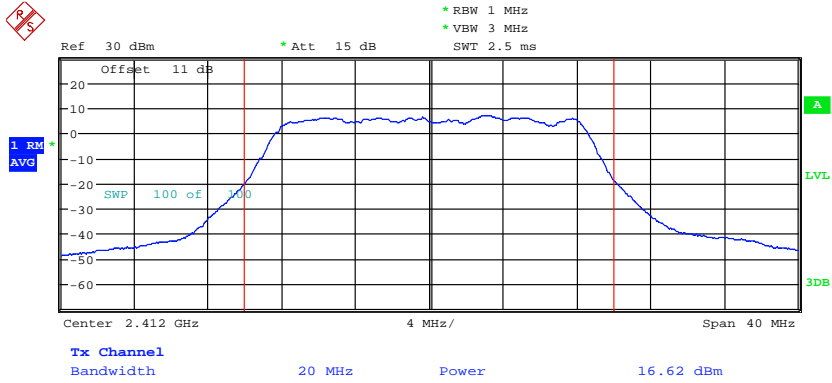
MAX OUTPUT POWER 802.11B CH11

Date: 17.MAR.2020 14:45:40



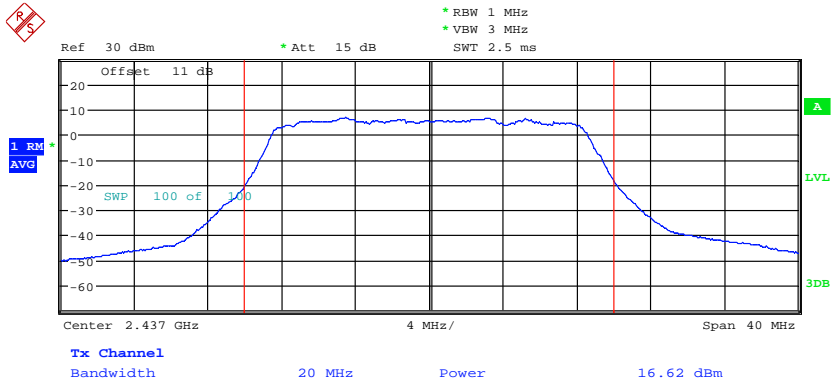
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



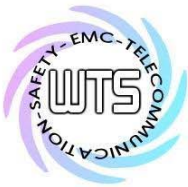
MAX OUTPUT POWER 802.11G CH01

Date: 17.MAR.2020 14:46:23



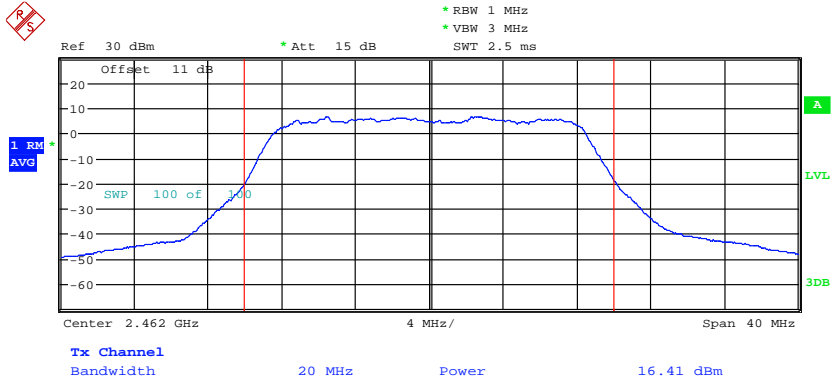
MAX OUTPUT POWER 802.11G CH06

Date: 17.MAR.2020 14:46:48



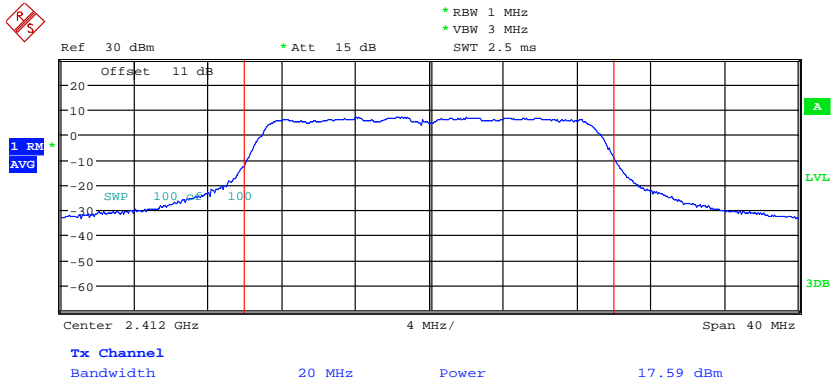
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



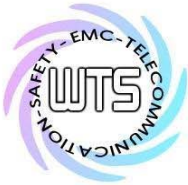
MAX OUTPUT POWER 802.11G CH11

Date: 17.MAR.2020 14:47:14



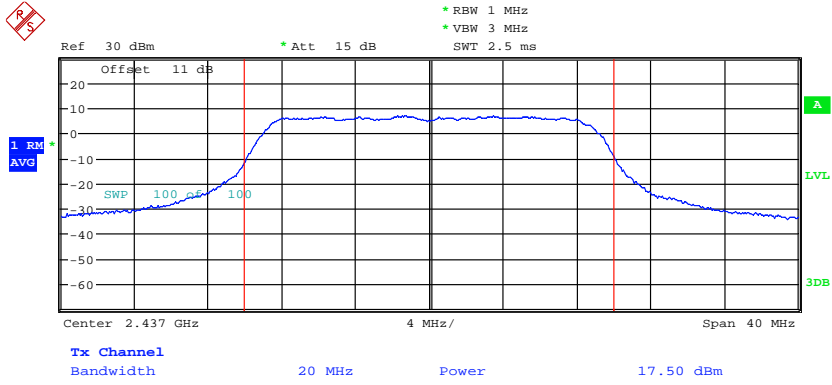
MAX OUTPUT POWER 802.11N 20MHZ CH1

Date: 17.MAR.2020 14:47:59



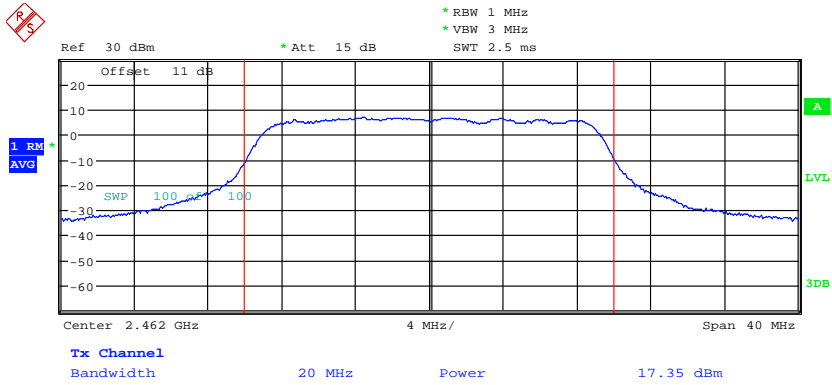
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



MAX OUTPUT POWER 802.11N 20MHZ CH6

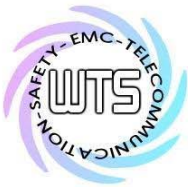
Date: 17.MAR.2020 14:48:24



MAX OUTPUT POWER 802.11N 20MHZ CH11

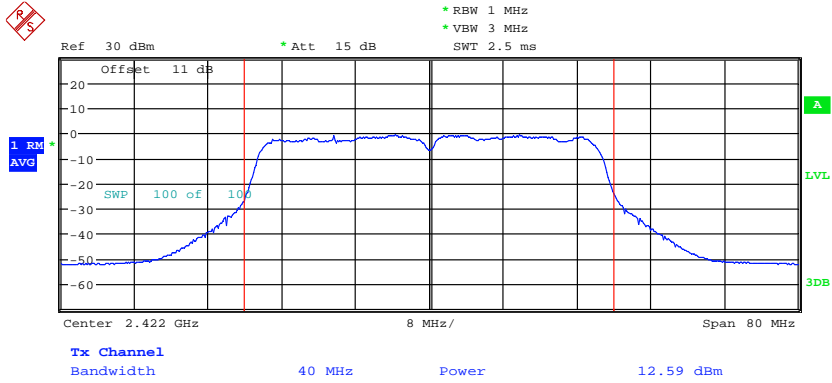
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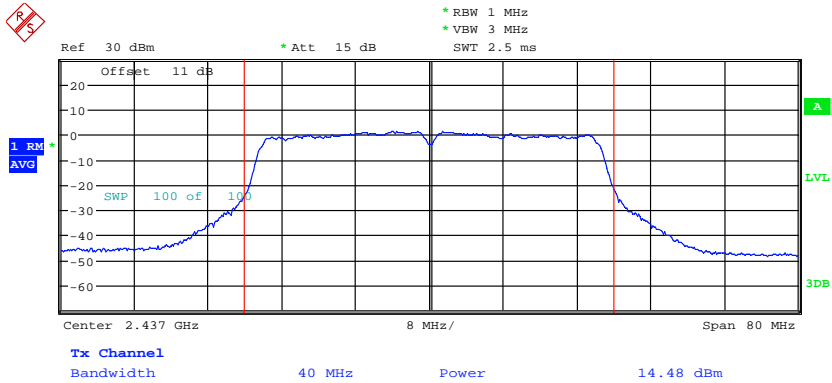
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



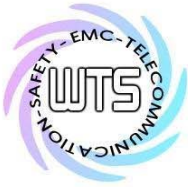
MAX OUTPUT POWER 802.11N 40MHZ CH1

Date: 17.MAR.2020 14:49:26

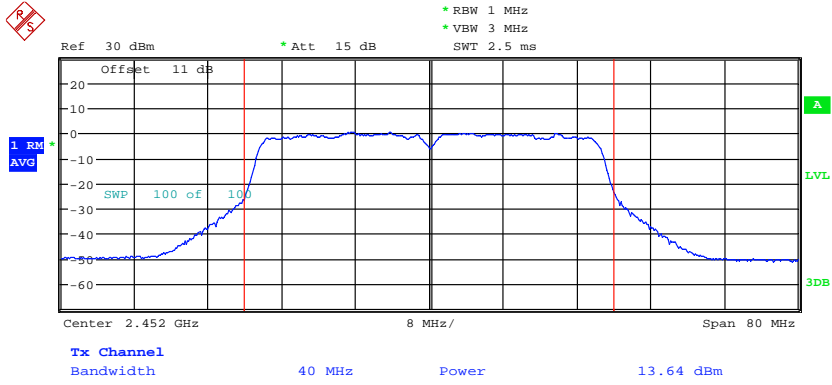


MAX OUTPUT POWER 802.11N 40MHZ CH4

Date: 17.MAR.2020 14:49:55



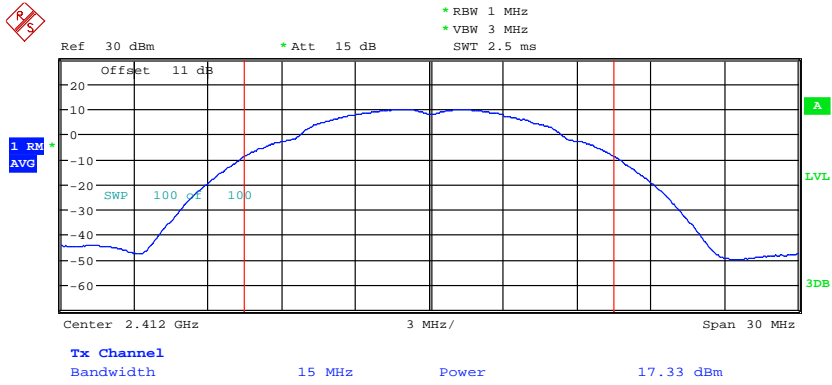
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



MAX OUTPUT POWER 802.11N 40MHZ CH7

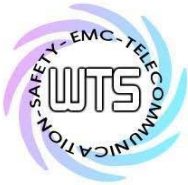
Date: 17.MAR.2020 14:50:22

## ANT4



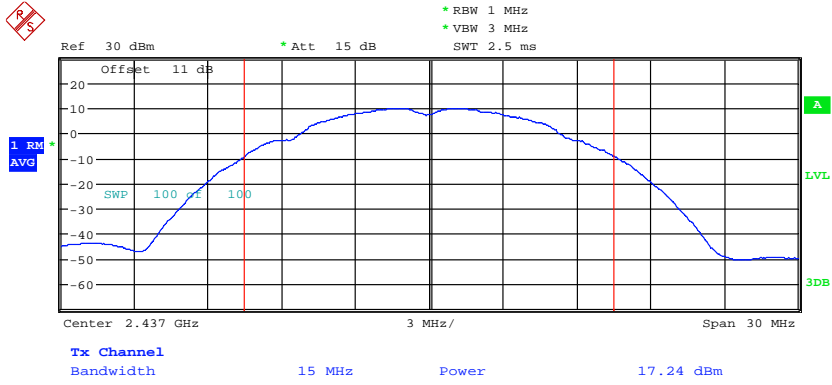
MAX OUTPUT POWER 802.11B CH01

Date: 17.MAR.2020 14:55:58



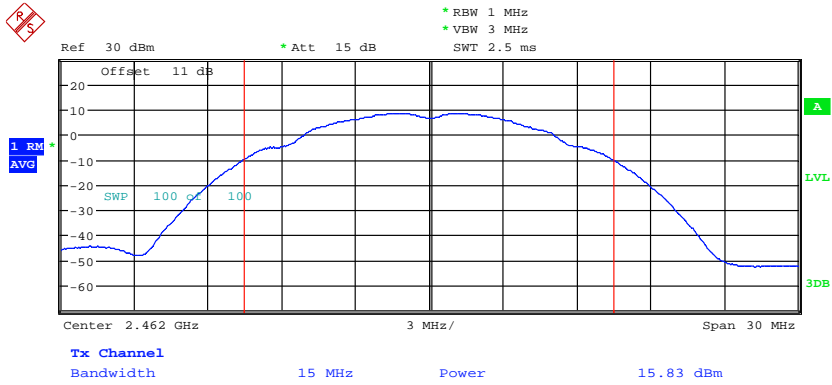
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



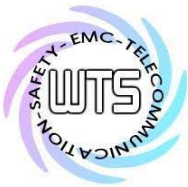
MAX OUTPUT POWER 802.11B CH06

Date: 17.MAR.2020 14:56:23

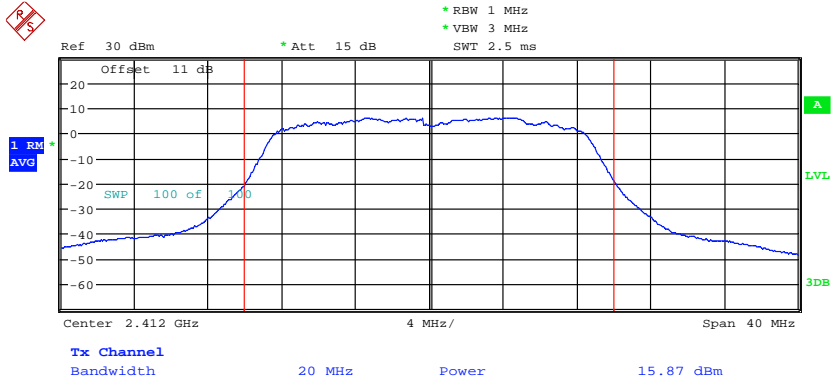


MAX OUTPUT POWER 802.11B CH11

Date: 17.MAR.2020 14:56:52

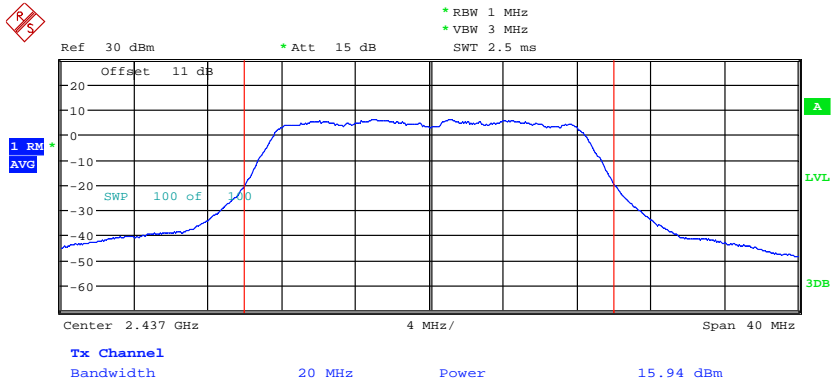


Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



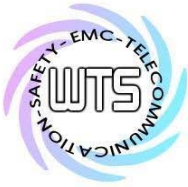
MAX OUTPUT POWER 802.11G CH01

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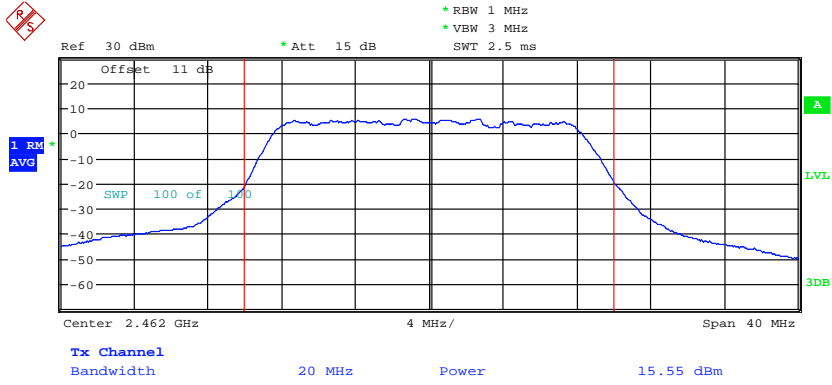
MAX OUTPUT POWER 802.11G CH06

Date: 17.MAR.2020 14:57:53



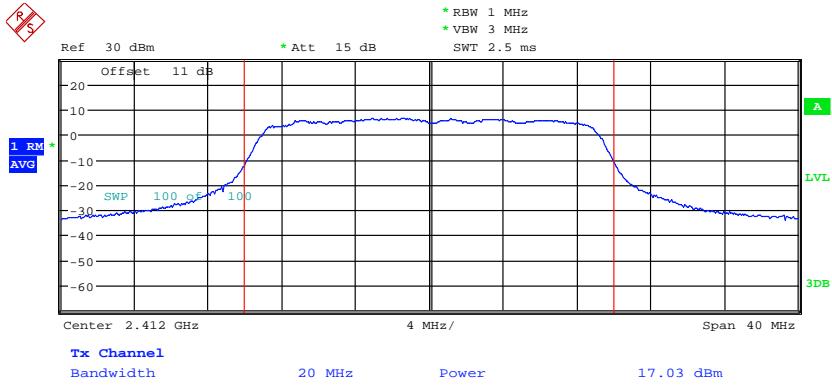
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



MAX OUTPUT POWER 802.11G CH11

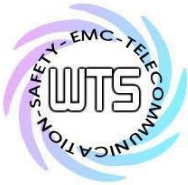
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MAX OUTPUT POWER 802.11N 20MHZ CH1

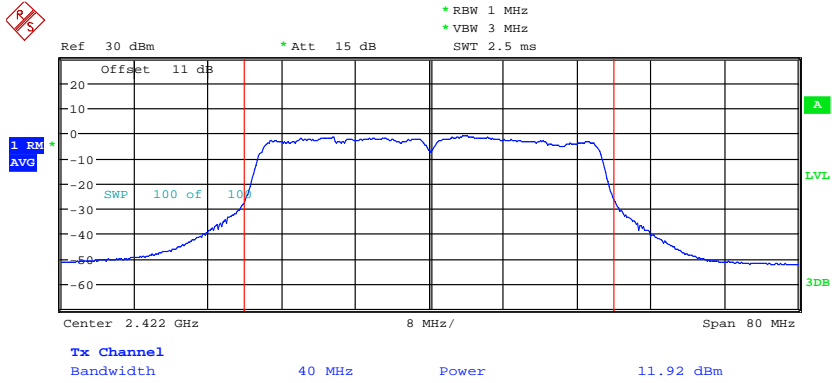
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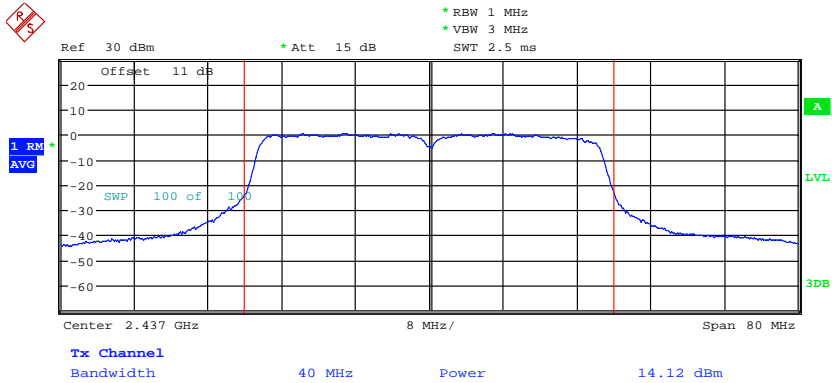
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



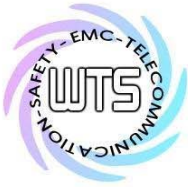
MAX OUTPUT POWER 802.11N 40MHZ CH1

Date: 17.MAR.2020 15:00:37

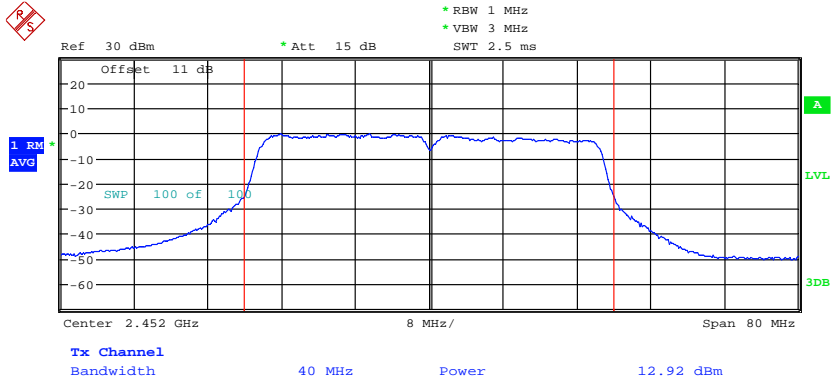


MAX OUTPUT POWER 802.11N 40MHZ CH4

Date: 17.MAR.2020 15:01:04



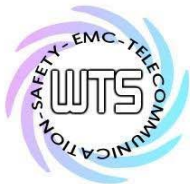
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



MAX OUTPUT POWER 802.11N 40MHZ CH7

Date: 17.MAR.2020 15:01:32





# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1

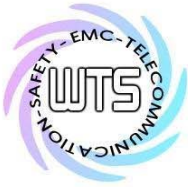
FCC ID: W23-WMXWAVE2AS

## 4\*4 Antenna

ANT 1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	22.70	28.25	28.25	13.56	14.51	14.51
802.11n 40MHz	10.35	17.34	14.09	10.15	12.39	11.49
ANT 2	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	54.45	60.95	61.80	17.36	17.85	17.91
802.11n 40MHz	19.28	29.31	23.55	12.85	14.67	13.72
ANT 3	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	57.41	56.23	54.33	17.59	17.50	17.35
802.11n 40MHz	18.16	28.05	23.12	12.59	14.48	13.64
ANT 4	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	50.47	50.58	47.10	17.03	17.04	16.73
802.11n 40MHz	15.56	25.82	19.59	11.92	14.12	12.92
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	185.03	196.01	191.48	22.67	22.92	22.82
802.11n 40MHz	63.35	100.52	80.35	18.02	20.02	19.05

## 3\*3 Antenna

ANT 1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	22.70	28.25	28.25	13.56	14.51	14.51
802.11n 40MHz	10.35	17.34	14.09	10.15	12.39	11.49
ANT 2	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	54.45	60.95	61.80	17.36	17.85	17.91
802.11n 40MHz	19.28	29.31	23.55	12.85	14.67	13.72
ANT 3	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	57.41	56.23	54.33	17.59	17.50	17.35
802.11n 40MHz	18.16	28.05	23.12	12.59	14.48	13.64
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	134.56	145.43	144.38	21.29	21.63	21.60
802.11n 40MHz	47.79	74.70	60.76	16.79	18.73	17.84



# Worldwide Testing Services(Taiwan) Co., Ltd.

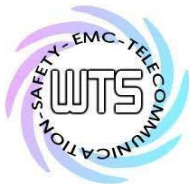
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

Limits:

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

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

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



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FCC ID: W23-WMXWAVE2AS

### 3.2 Equivalent isotropic radiated power (EIRP)

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

EIRP = 22.92 dBm+ ( 9.52 dBi [antenna gain claimed by manufacturer]) = 32.44 dBm = 1753.88 mW

### 3.3 Exemption Limits for Routine Evaluation

according to 47 CFR FCC Part 2 Subpart J, section 2.1091

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

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

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

#### MPE Calculation Method

##### (A) Limits for Occupational/Controlled Exposure

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

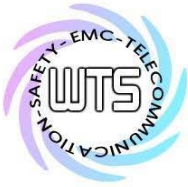
##### (B) Limits for General Population/Uncontrolled Exposure

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

f = frequency in MHz

\*Plane-wave equivalent power density

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



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

The formula can be changed to

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

mW/cm<sup>2</sup>.

Established separation distance is 20 cm.

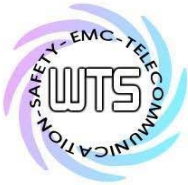
Operating frequency band: 2412-2462 MHz

The product meets RF exposure requirement.

Because the power density of 0.3489 mW/cm<sup>2</sup> at 2437 MHz is below the power density limit of 1 mW/cm<sup>2</sup>.

Limits:

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



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**3.4 Transmitter Radiated Emissions in Restricted Bands**

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

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

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

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

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

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

Limits.

For frequencies below 1GHz:

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

For frequencies above 1GHz (Average measurements).

Guidance on Measurement of Digit Transmission Systems:

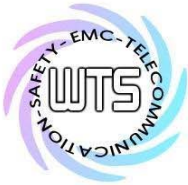
“If the emission is pulsed, modify the unit for continuous operation, use the setting shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.”

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

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

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

Explanation: See attached diagrams in Appendix.



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## **3.5 Spurious Emissions (tx)**

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

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

FCC Rule: 15.247(c), 15.35

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

Limits:

For frequencies above 1GHz (Peak measurements).

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

For frequencies above 1GHz (Average measurements).

Max. reading – 20dB

Max. reading – 20 dB

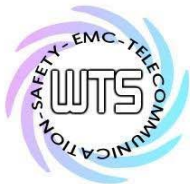
Guidance on Measurement of Digit Transmission Systems:

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

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

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

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



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

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

The peak and average spurious emission plots was measured with the average limits.  
 In the Table being listed the critical peak and average value and exhibit the compliance with the above calculated Limits.

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

### Summary table with radiated data of the test plots

Model: WMX6402-AS Date: --  
 Mode: -- Temperature: -- °C Engineer: --  
 Polarization: Horizontal Humidity: -- %

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

Polarization: Vertical

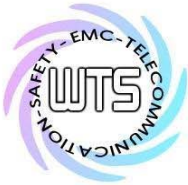
Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

### Note

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

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

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



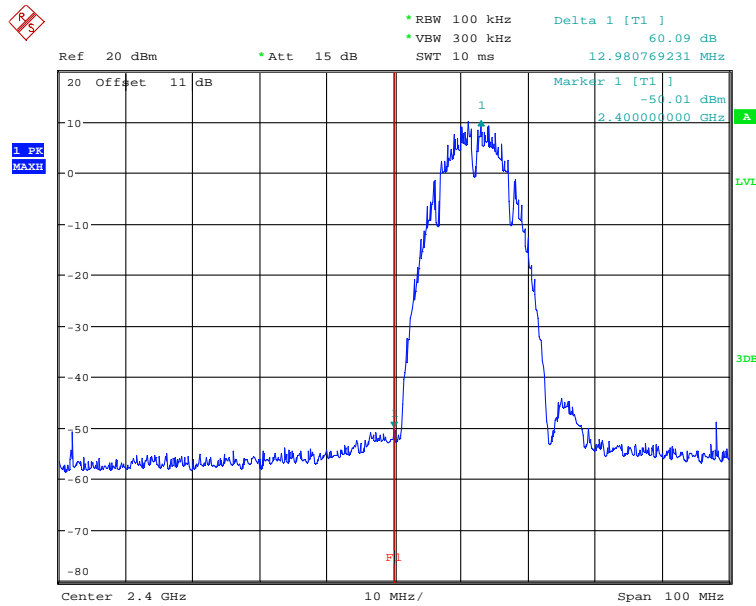
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

### 3.6 Radiated Emission on the band edge

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

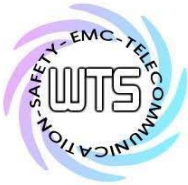
In addition radiated emission which fall in the restricted bands, as defined in section 15.205(a), must also with the radiated emission limits.

### ANT1



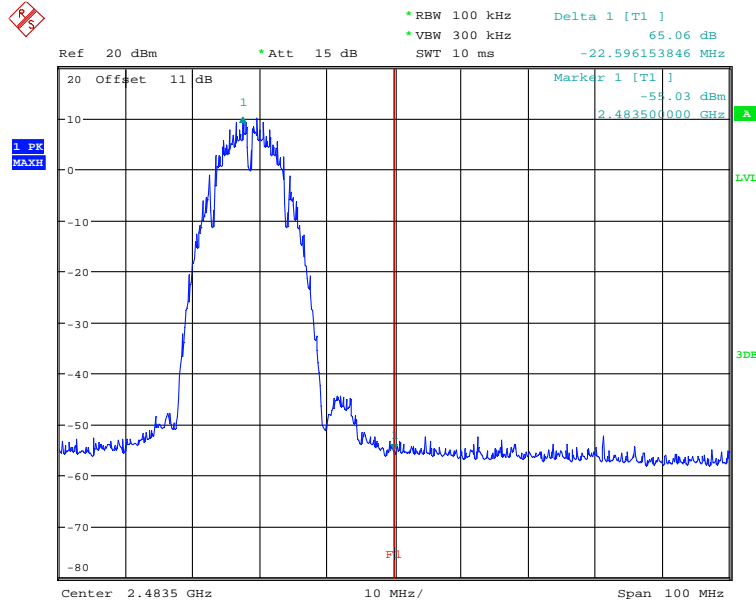
BANDEGE 802.11B CH01  
Date: 15.OCT.2019 17:17:34



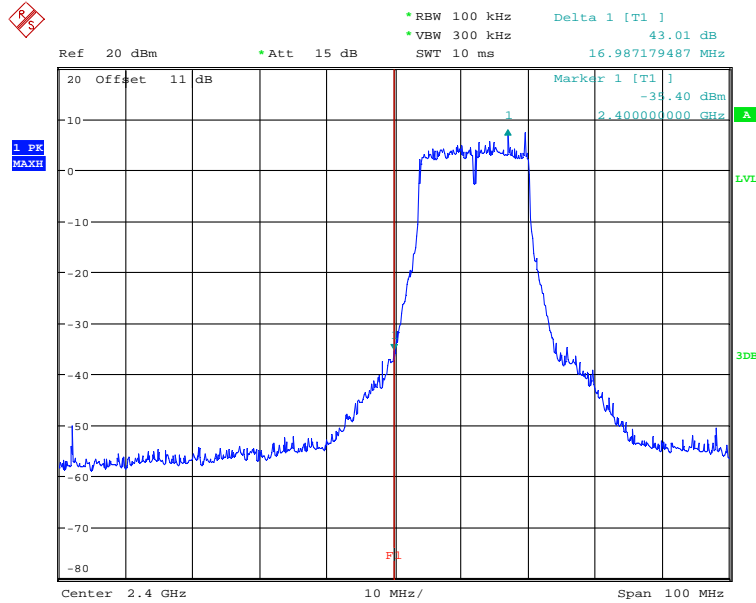


# Worldwide Testing Services(Taiwan) Co., Ltd.

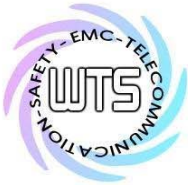
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FCC ID: W23-WMXWAVE2AS



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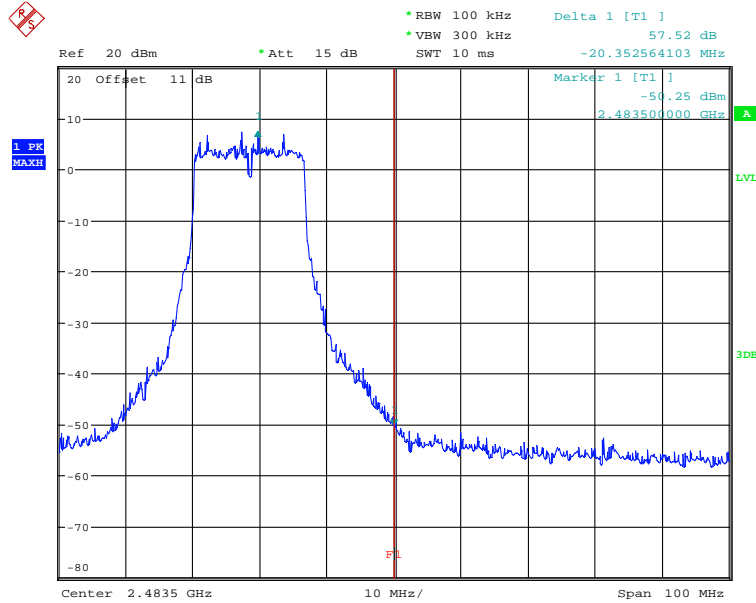


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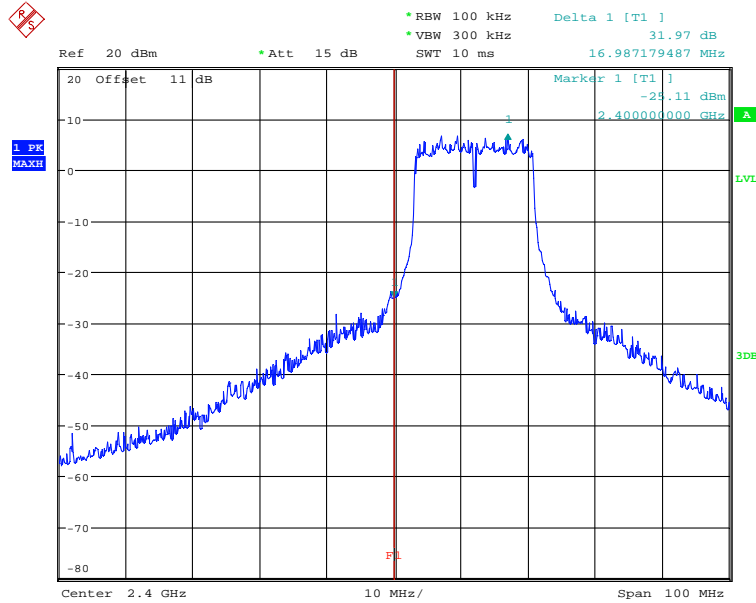


# Worldwide Testing Services(Taiwan) Co., Ltd.

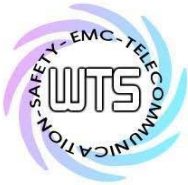
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FCC ID: W23-WMXWAVE2AS



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Date: 15.OCT.2019 17:26:07

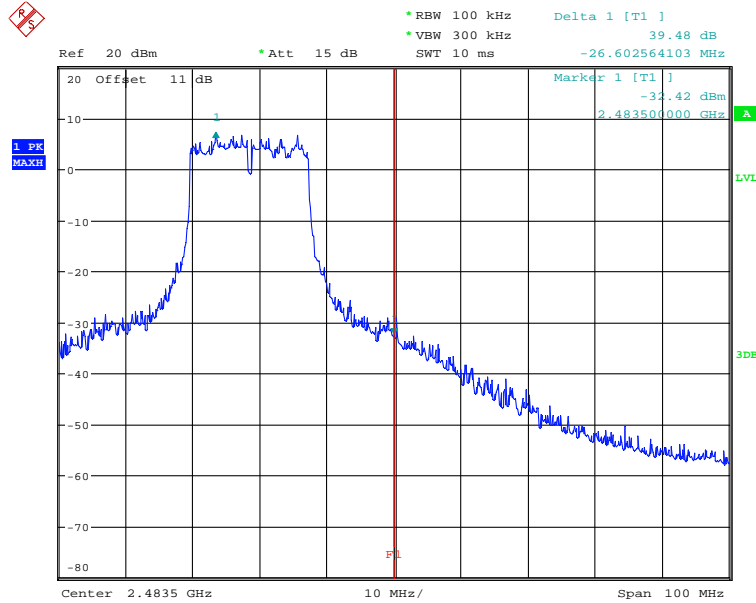


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Date: 15.OCT.2019 17:30:20

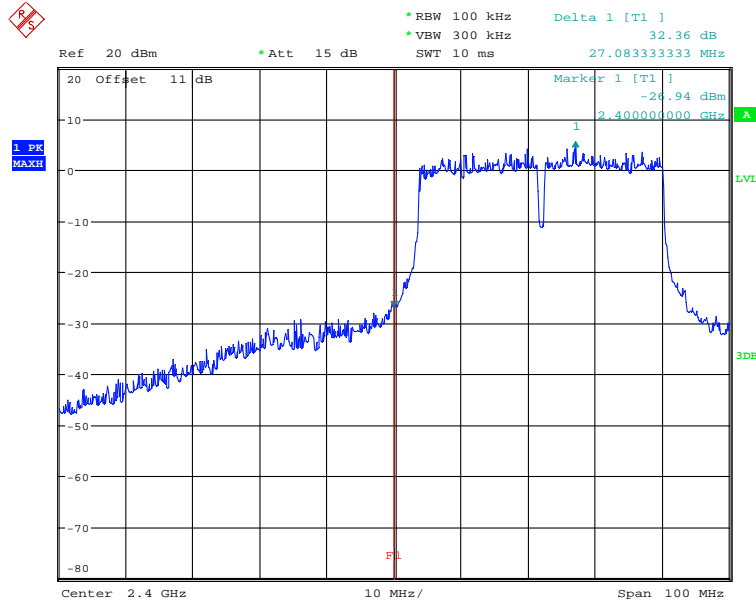


# Worldwide Testing Services(Taiwan) Co., Ltd.

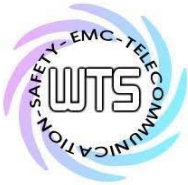
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



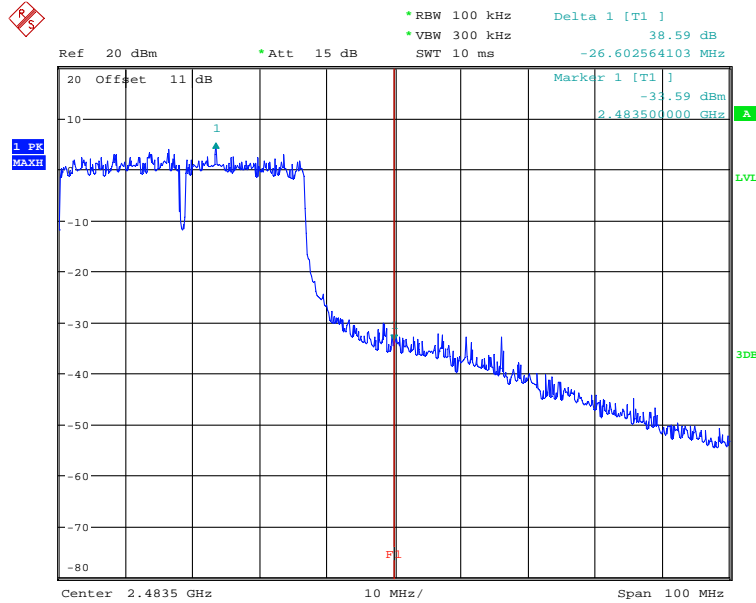
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Date: 15.OCT.2019 17:31:54



BANDEdge 802.11N 40MHZ CH01  
Date: 15.OCT.2019 17:33:02

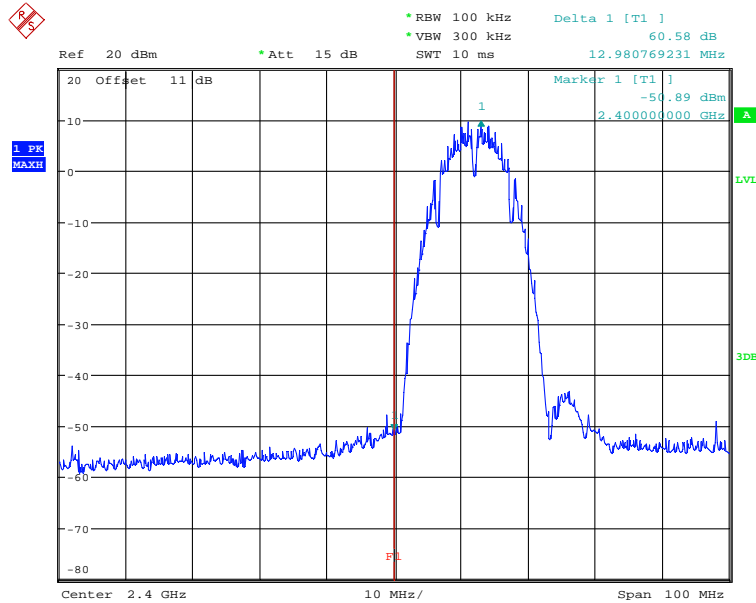


Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

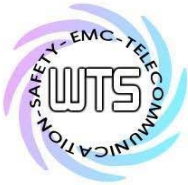


BANDEDGE 802.11N 40MHZ CH07  
Date: 15.OCT.2019 17:34:59

## ANT2

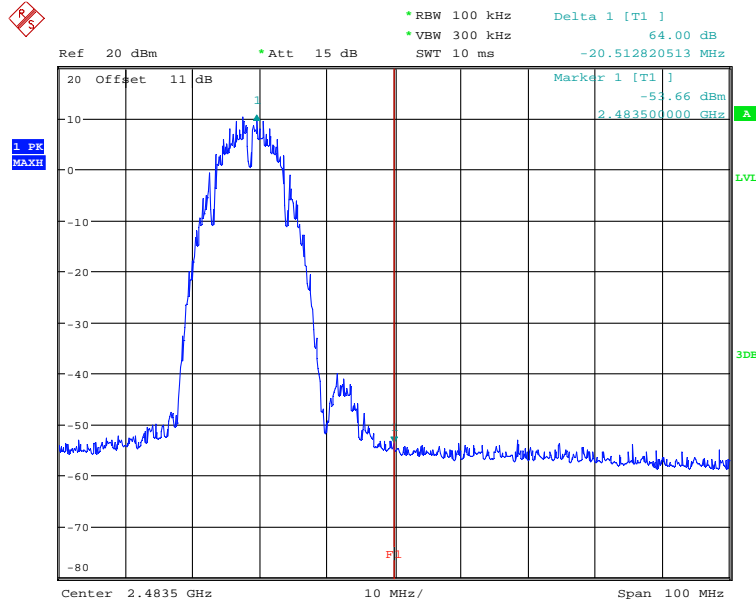


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Date: 15.OCT.2019 19:38:35

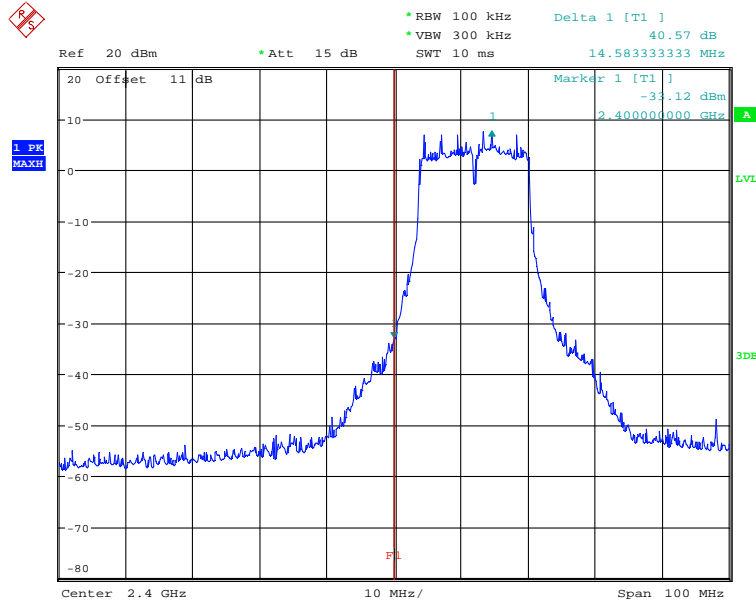


# Worldwide Testing Services(Taiwan) Co., Ltd.

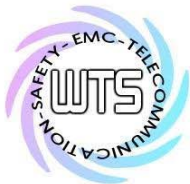
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



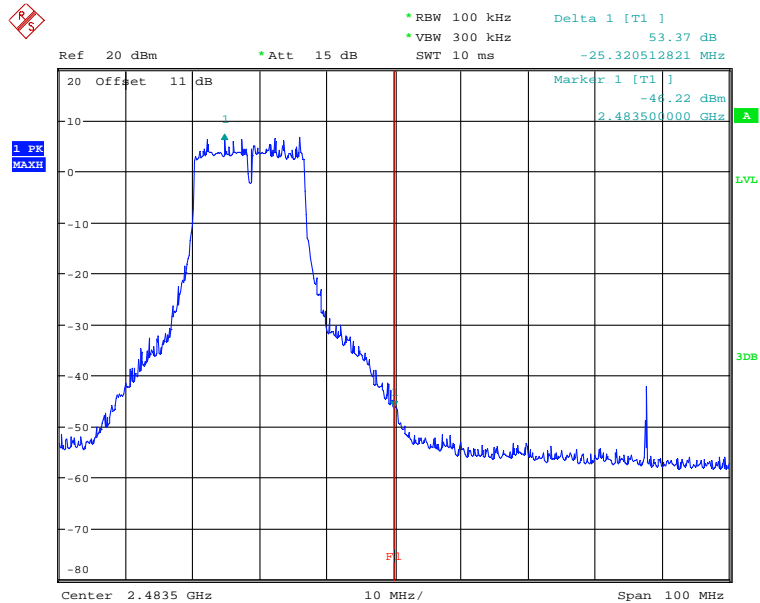
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Date: 15.OCT.2019 19:40:04



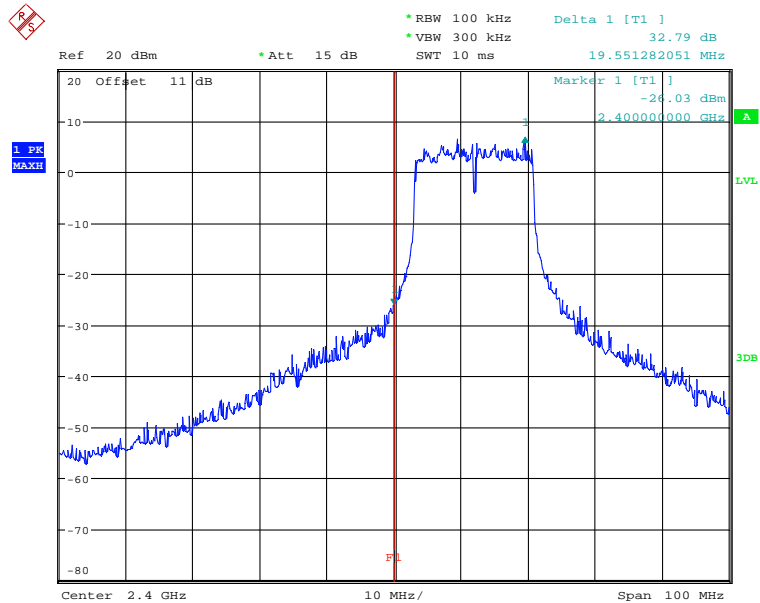
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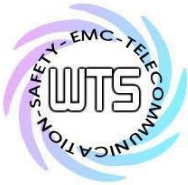
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



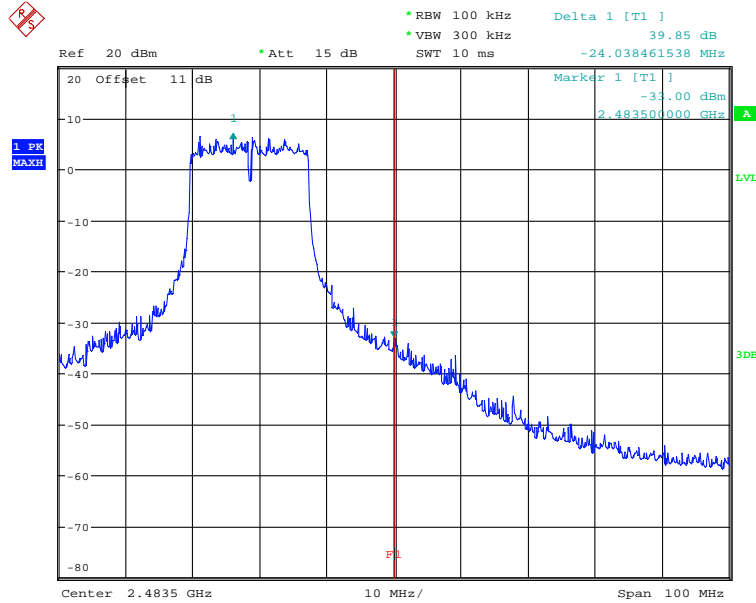
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Date: 15.OCT.2019 19:42:21



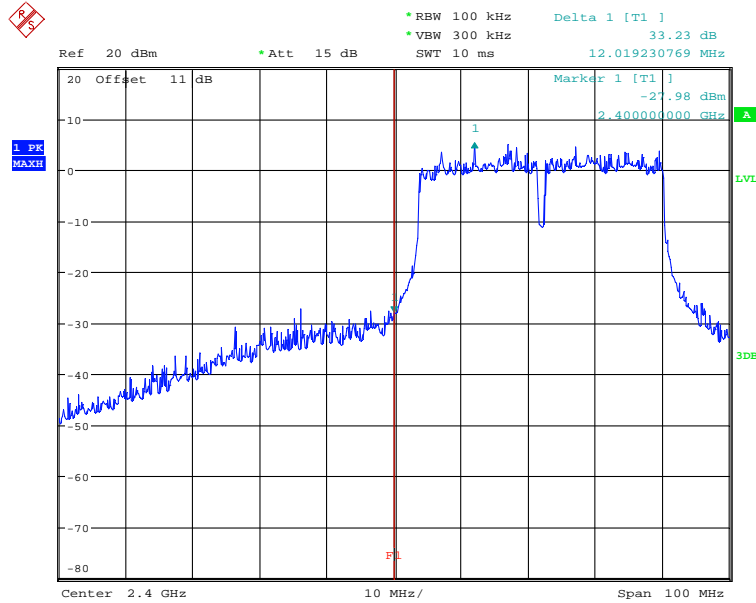
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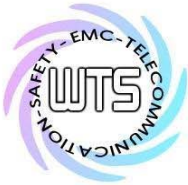
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



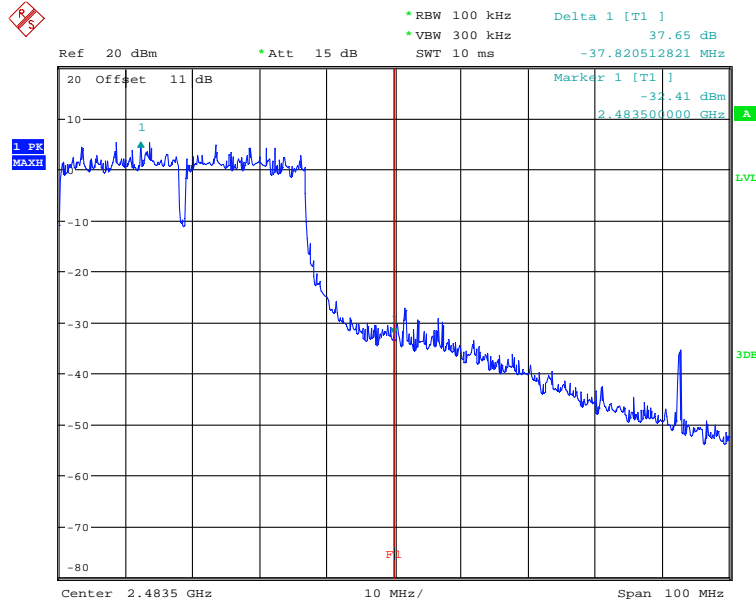
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BANDEdge 802.11N 40MHZ CH01  
Date: 15.OCT.2019 19:45:56

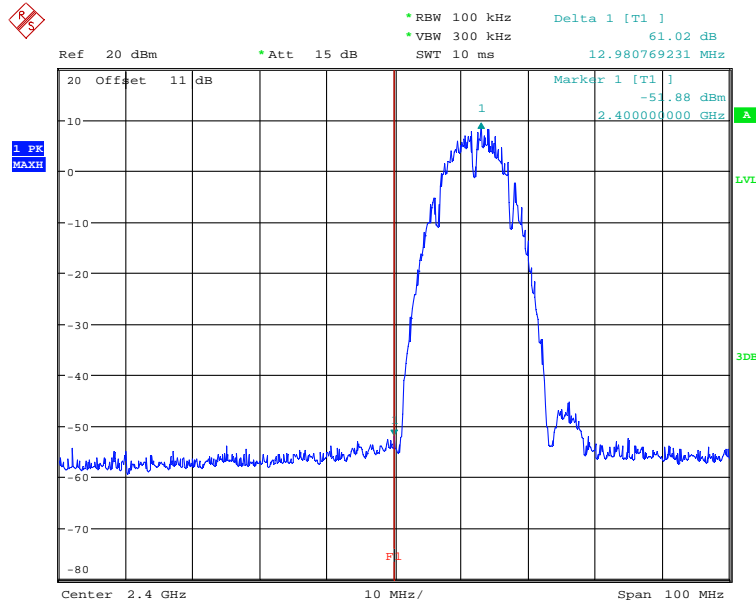


Registration number: W6R22110-21274-C-1  
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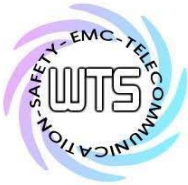
BANDEDGE 802.11N 40MHZ CH07  
Date: 15.OCT.2019 19:48:14

## ANT3



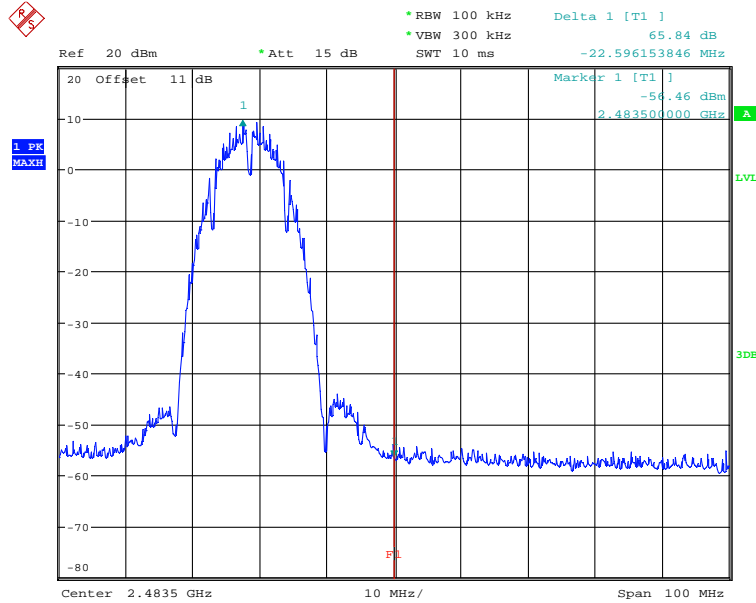
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Date: 15.OCT.2019 19:53:10



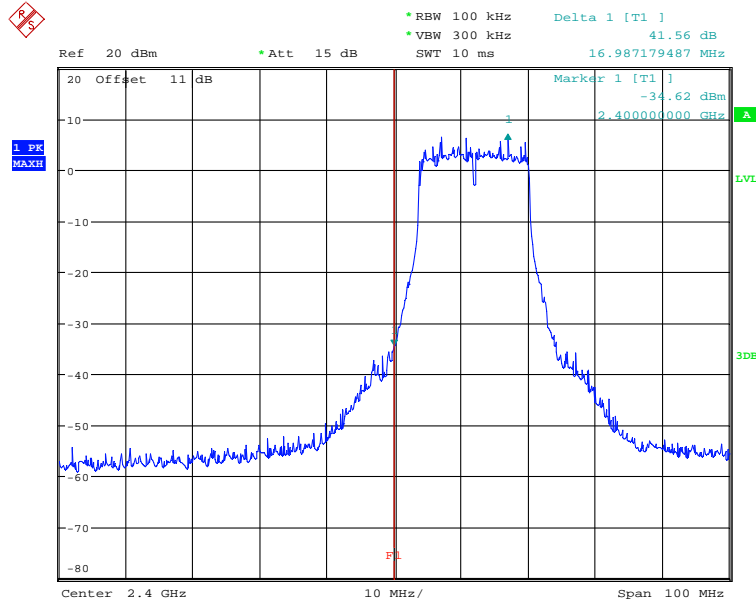


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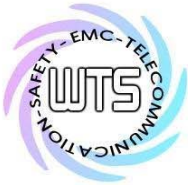
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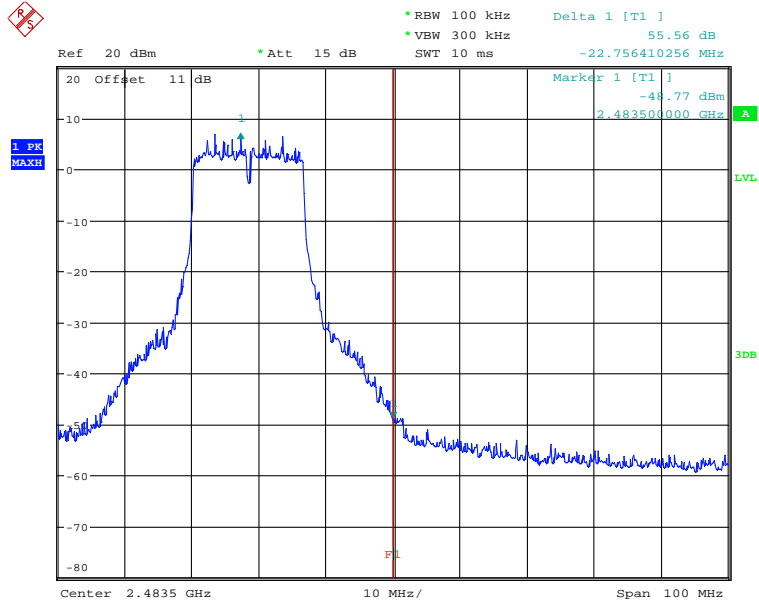
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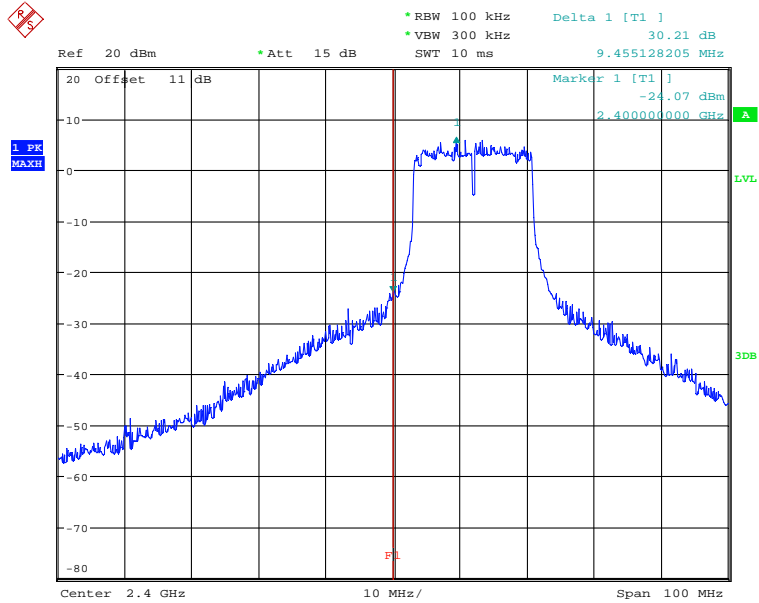
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Date: 15.OCT.2019 19:55:58



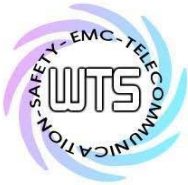
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FCC ID: W23-WMXWAVE2AS



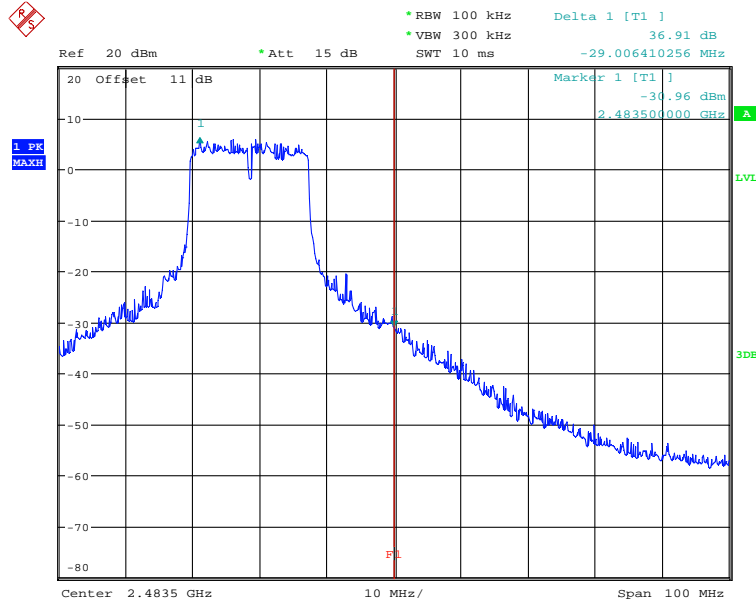
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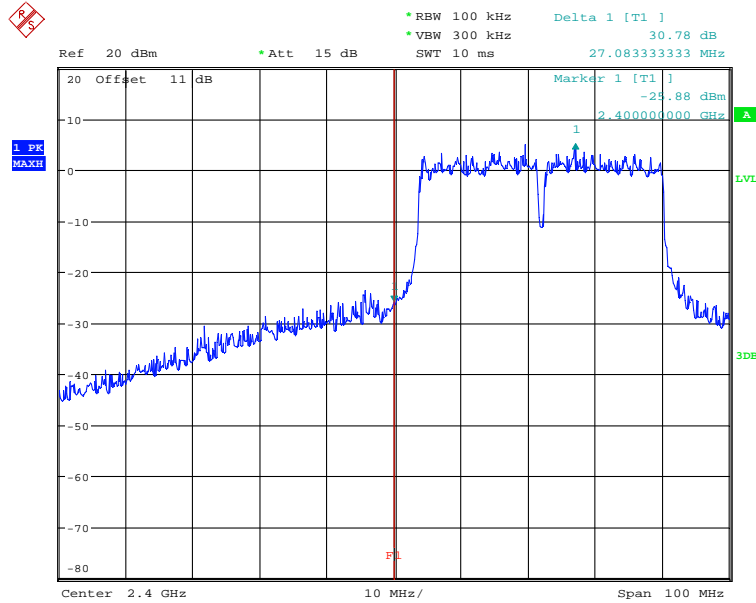
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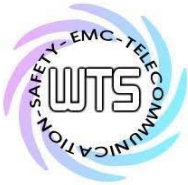
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



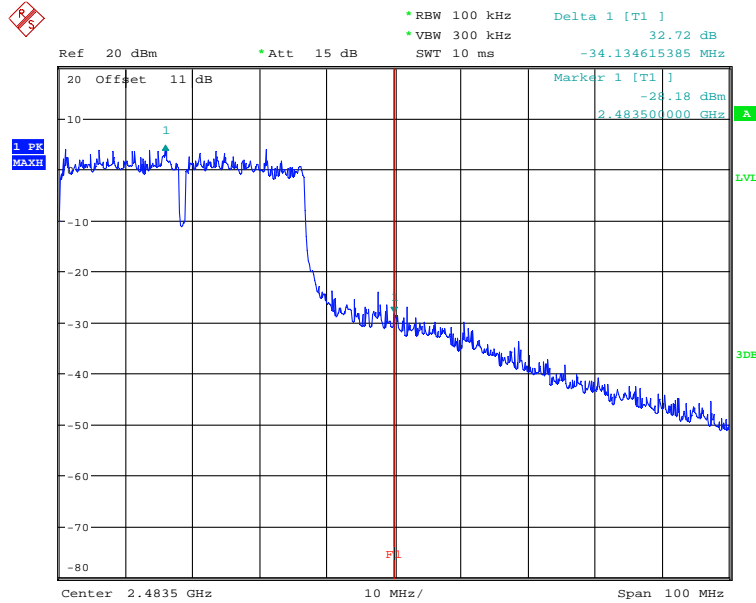
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Date: 15.OCT.2019 20:01:43



BANDEdge 802.11N 40MHZ CH01  
Date: 15.OCT.2019 20:02:45

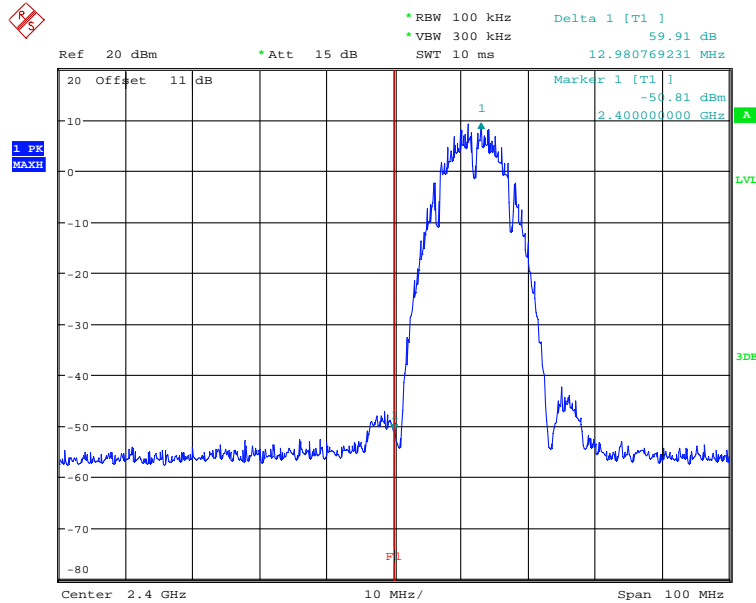


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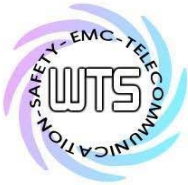


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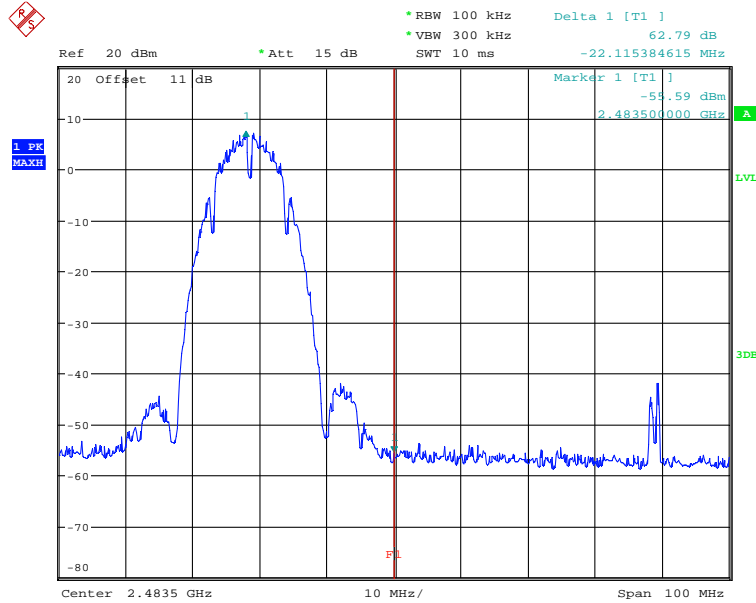
## ANT4



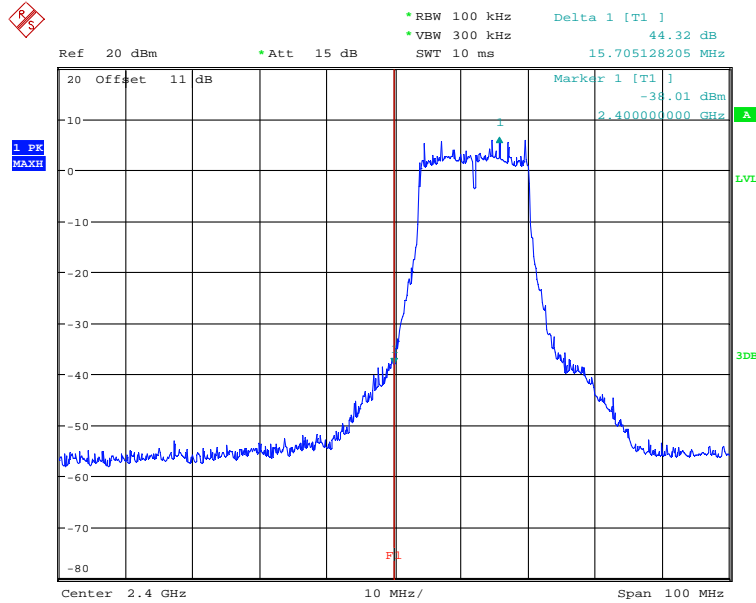
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Date: 15.OCT.2019 20:10:55



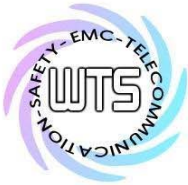
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FCC ID: W23-WMXWAVE2AS



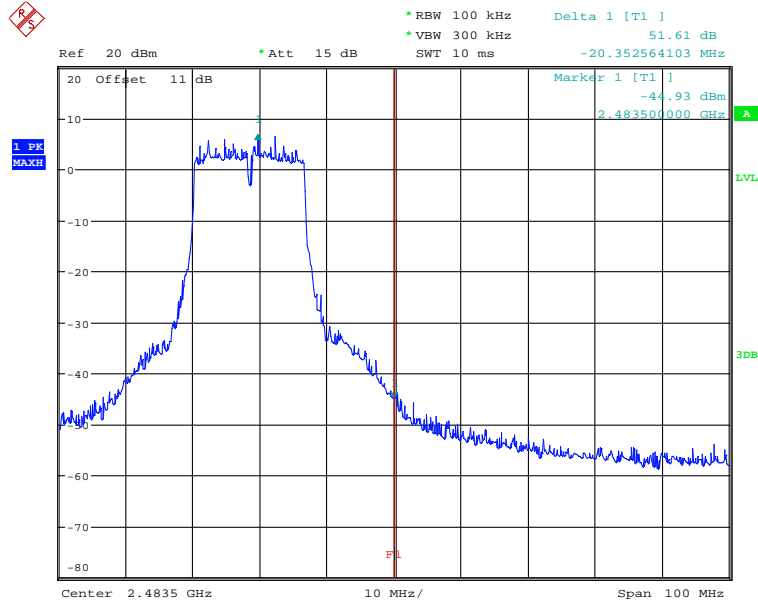
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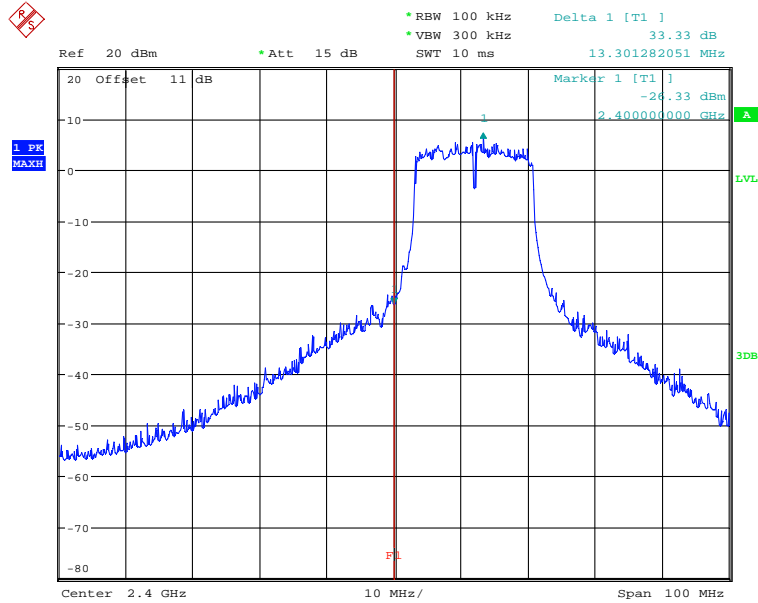
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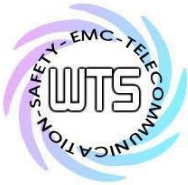
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



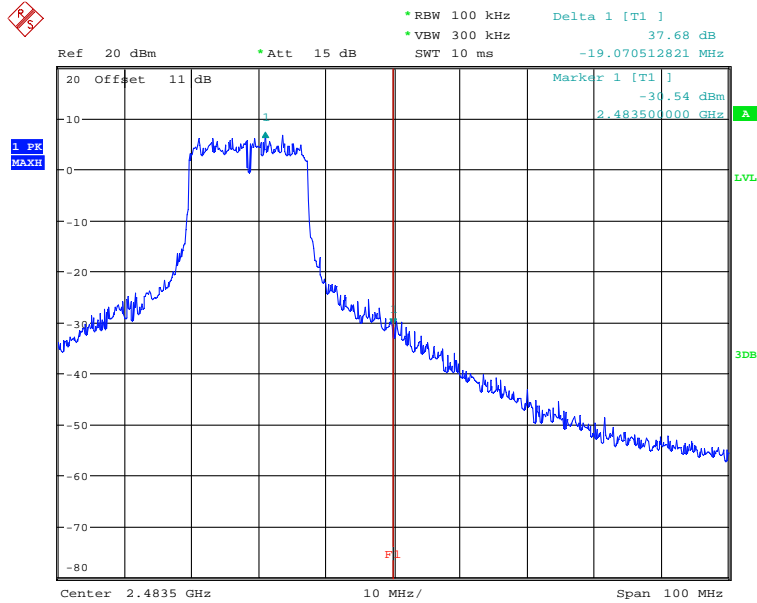
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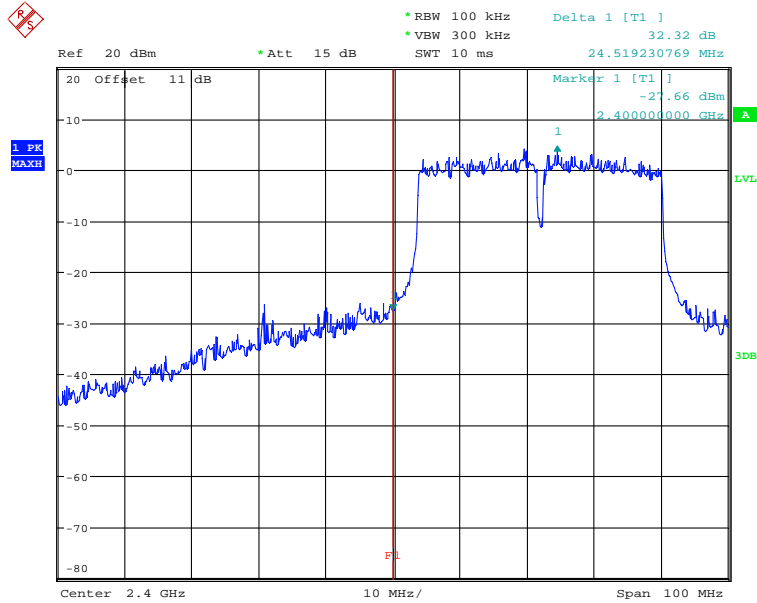
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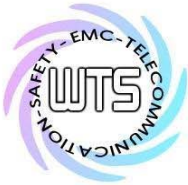
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



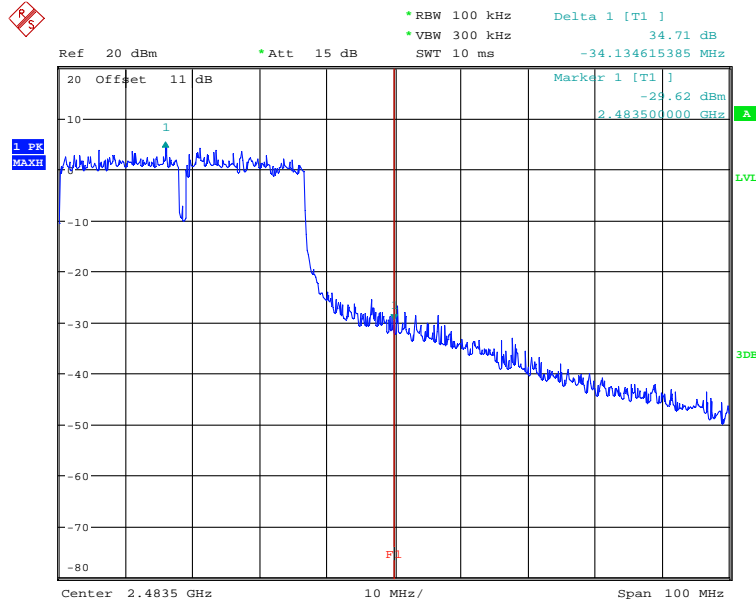
BANDEdge 802.11N 20MHZ CH11  
Date: 15.OCT.2019 20:20:49



BANDEdge 802.11N 40MHZ CH01  
Date: 15.OCT.2019 20:21:58



Registration number: W6R22110-21274-C-1  
 FCC ID: W23-WMXWAVE2AS



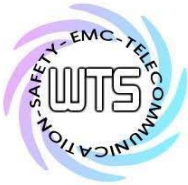
BANDEDGE 802.11N 40MHZ CH07  
 Date: 15.OCT.2019 20:23:43

Limit:

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

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



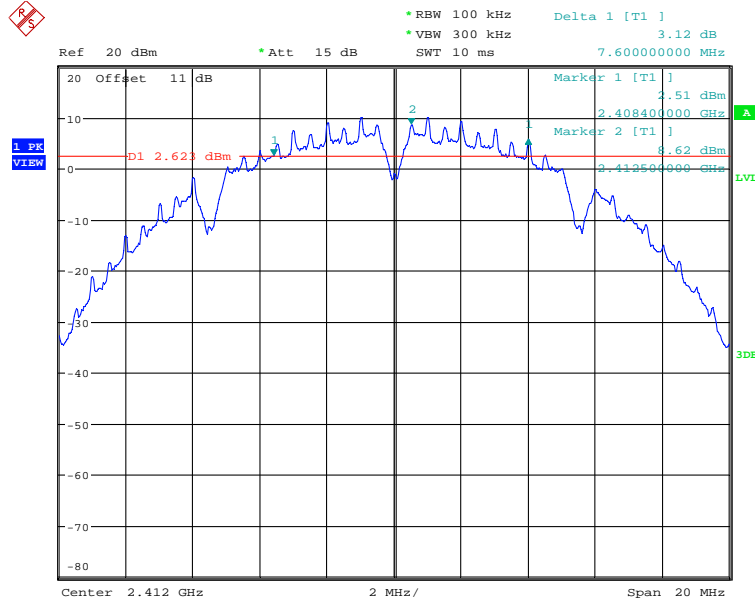


Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

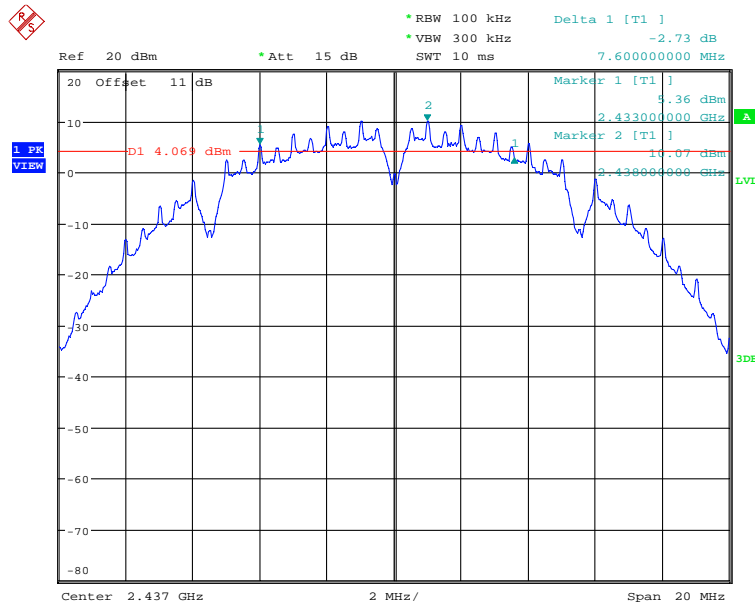
### 3.7 Minimum 6 dB Bandwidth

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

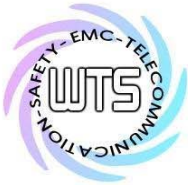
#### ANT1



6DB BANDWIDTH 802.11B CH01  
Date: 15.OCT.2019 17:17:22

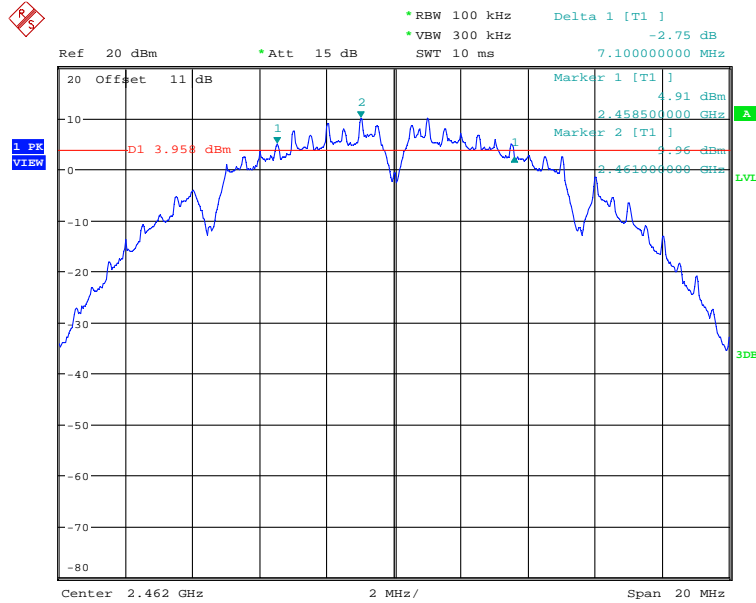


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Date: 15.OCT.2019 17:18:47

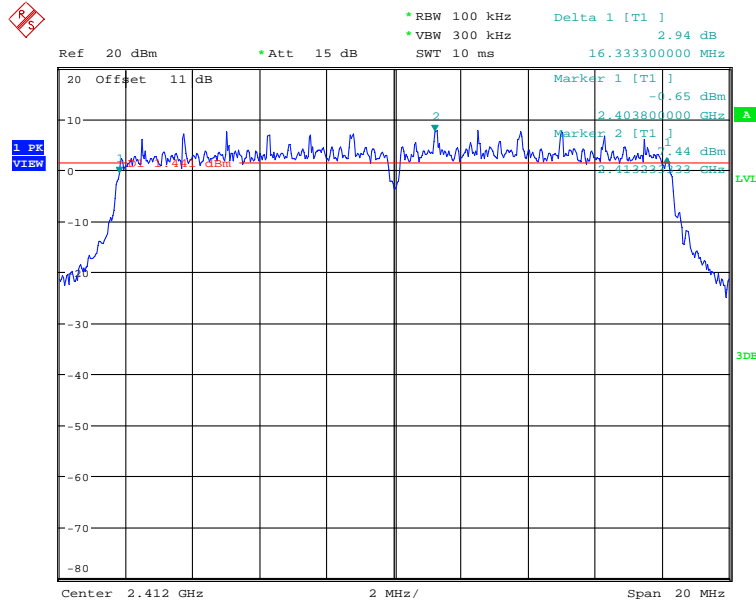


# Worldwide Testing Services(Taiwan) Co., Ltd.

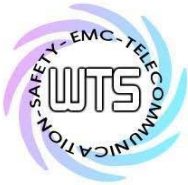
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



6DB BANDWIDTH 802.11B CH11  
Date: 15.OCT.2019 17:20:21

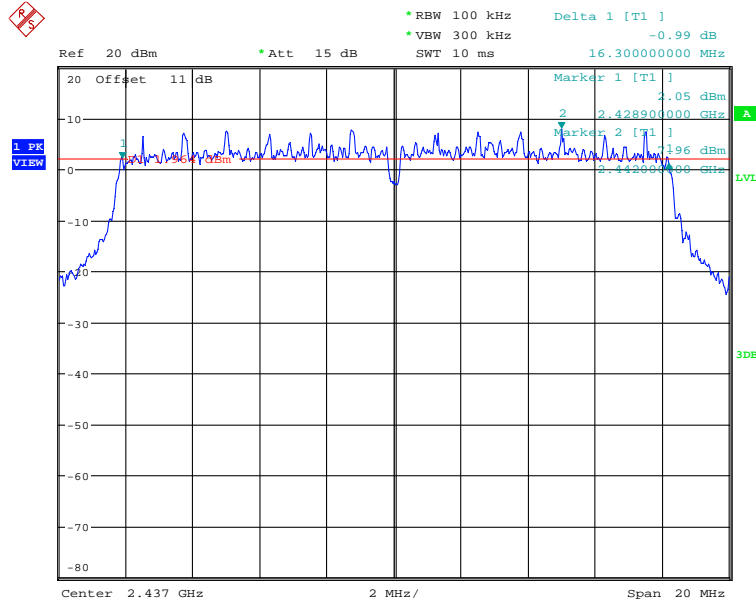


6DB BANDWIDTH 802.11G CH01  
Date: 15.OCT.2019 17:21:28

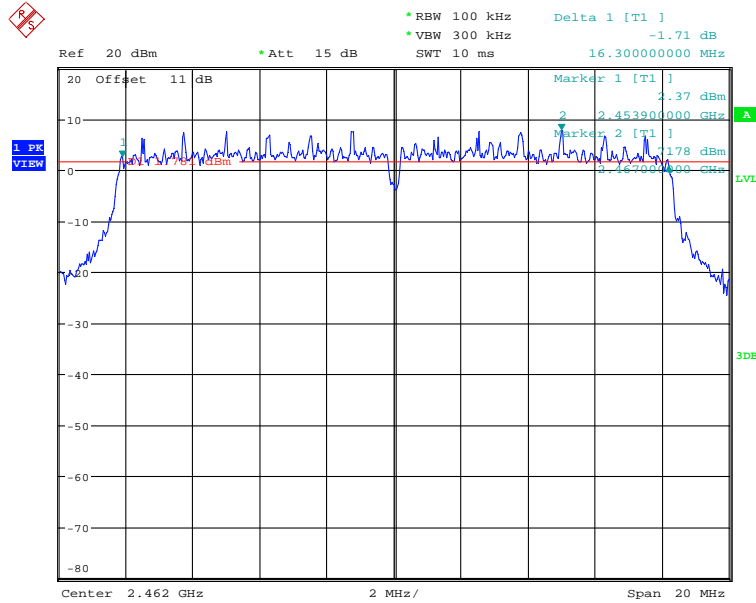


# Worldwide Testing Services(Taiwan) Co., Ltd.

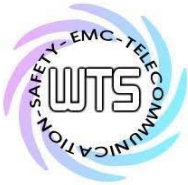
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FCC ID: W23-WMXWAVE2AS



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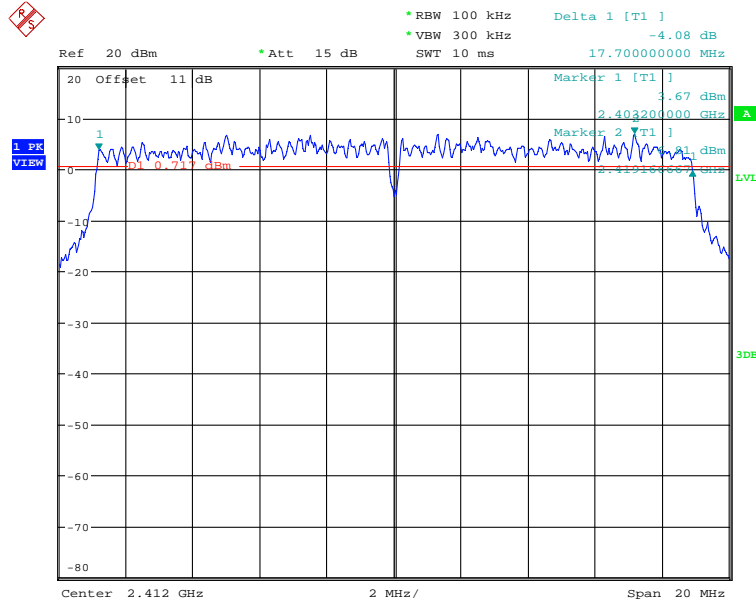


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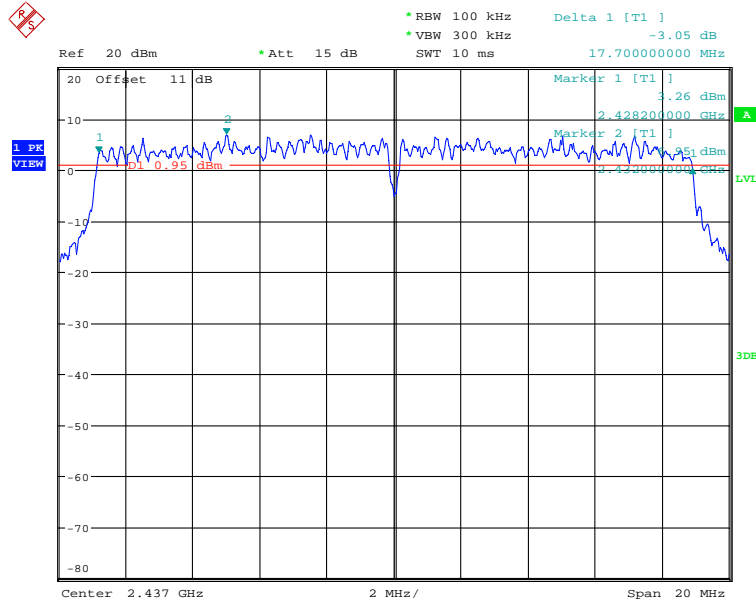


# Worldwide Testing Services(Taiwan) Co., Ltd.

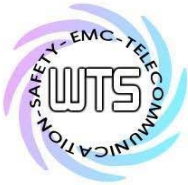
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



6DB BANDWIDTH 802.11N 20MHZ CH1  
Date: 15.OCT.2019 17:30:08

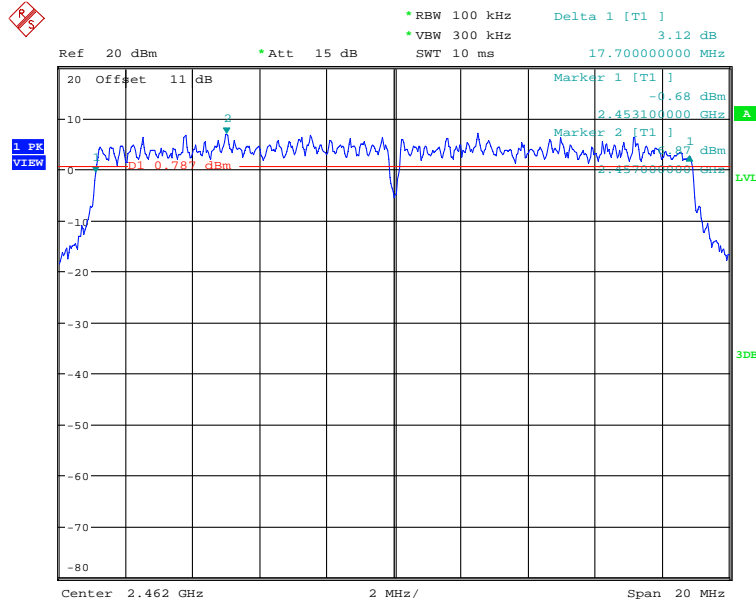


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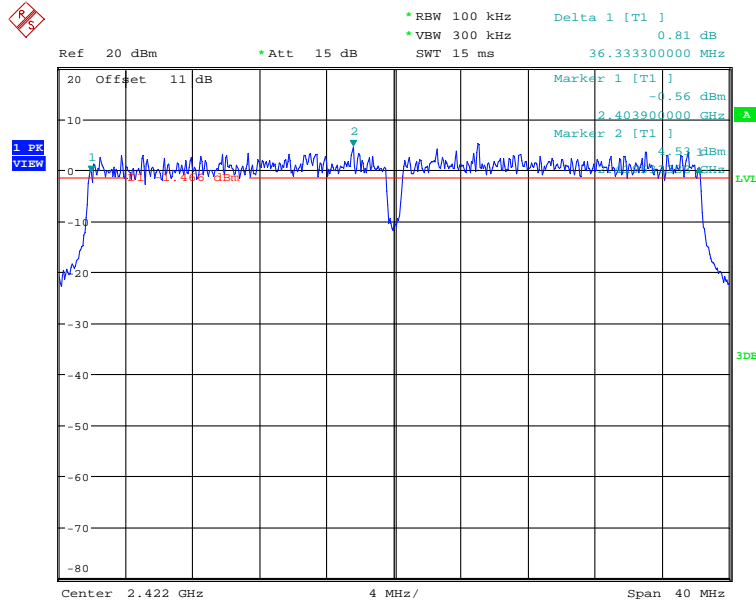


# Worldwide Testing Services(Taiwan) Co., Ltd.

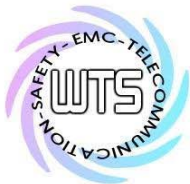
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



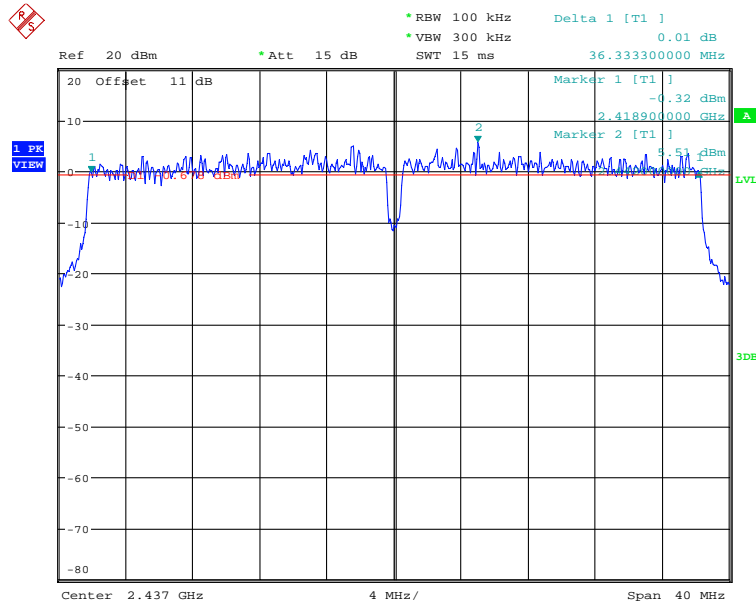
6DB BANDWIDTH 802.11N 20MHZ CH11  
Date: 15.OCT.2019 17:31:42



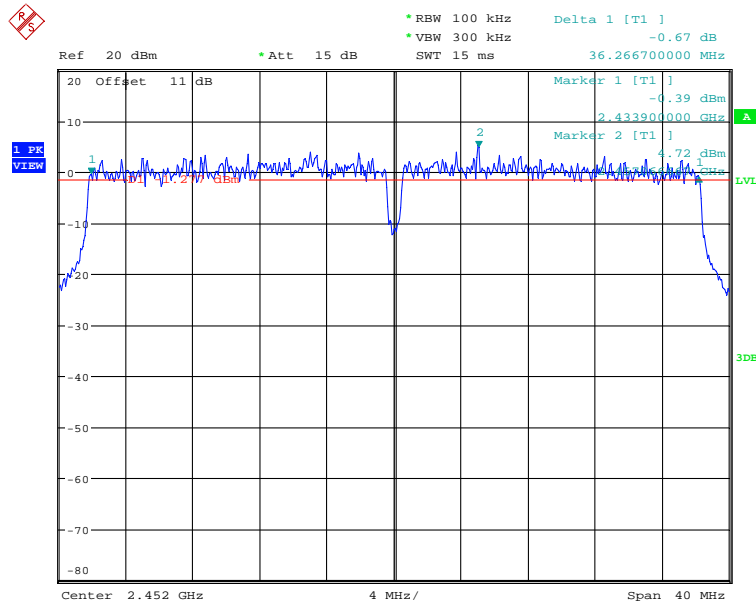
6DB BANDWIDTH 802.11N 40MHZ CH1  
Date: 15.OCT.2019 17:32:43



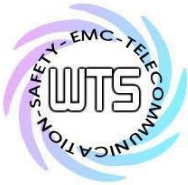
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



6DB BANDWIDTH 802.11N 40MHZ CH4  
Date: 15.OCT.2019 17:33:55

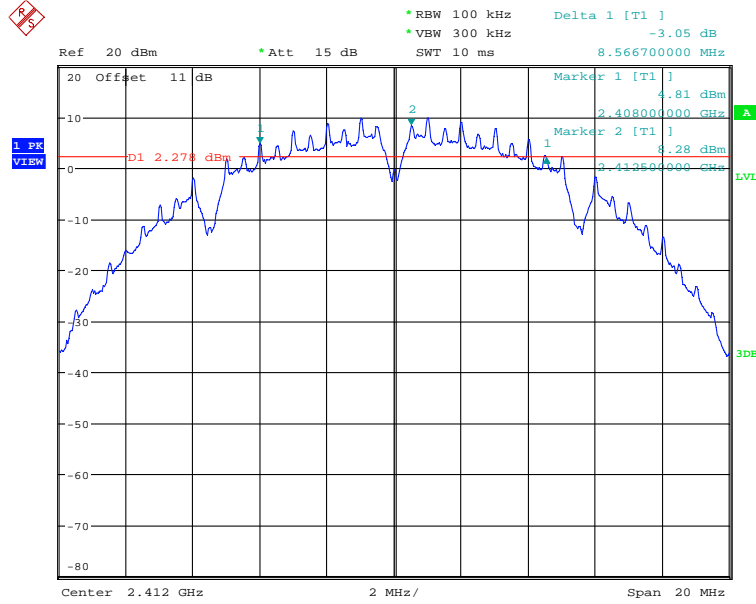


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Date: 15.OCT.2019 17:34:41

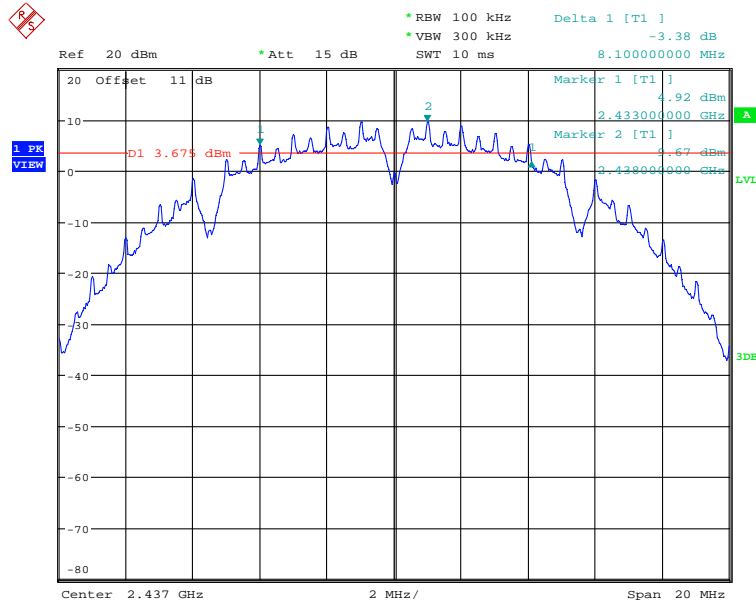


Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

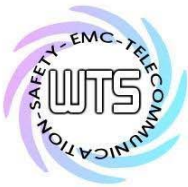
## ANT2



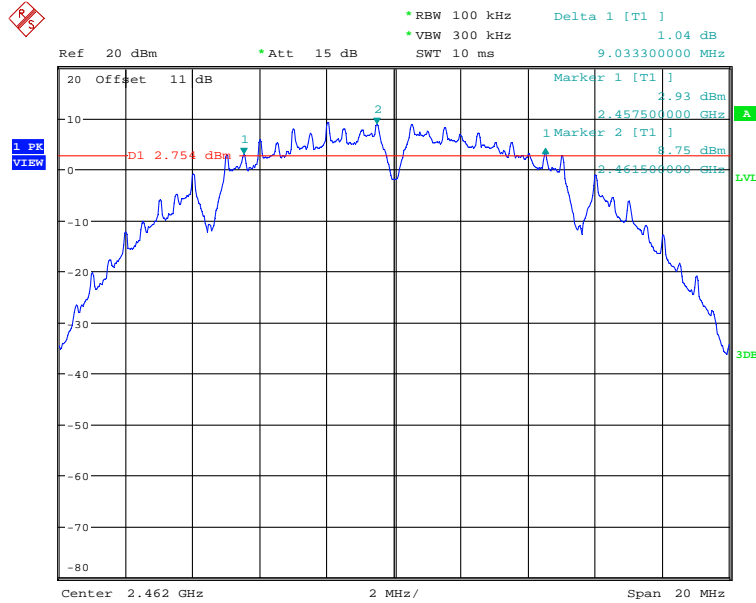
6DB BANDWIDTH 802.11B CH01  
Date: 15.OCT.2019 19:38:23



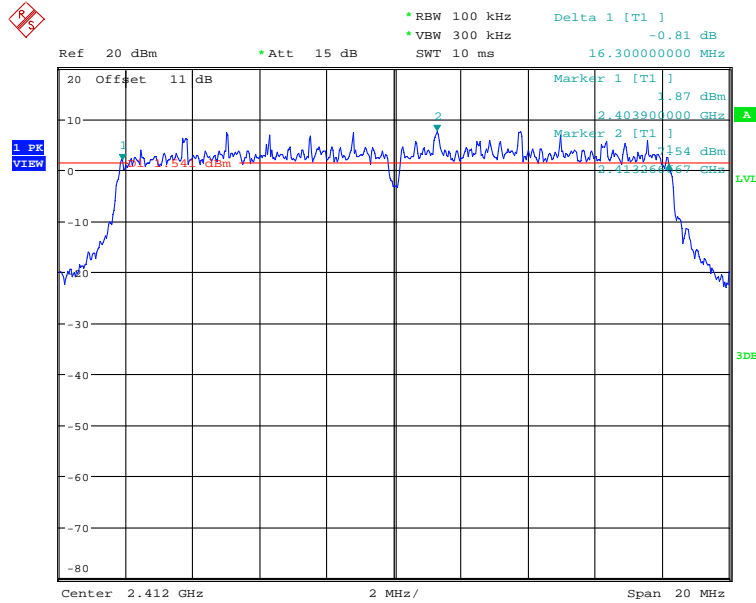
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Date: 15.OCT.2019 19:39:14



Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

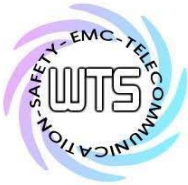


6DB BANDWIDTH 802.11B CH11  
Date: 15.OCT.2019 19:39:52

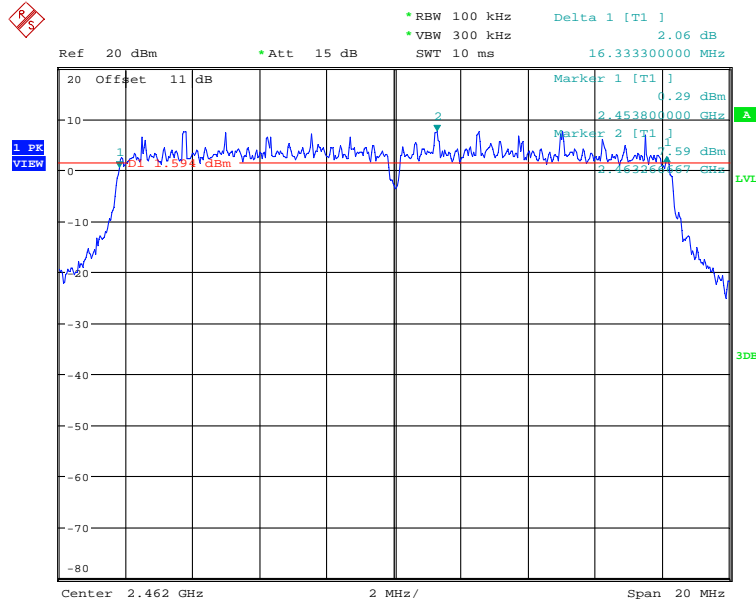
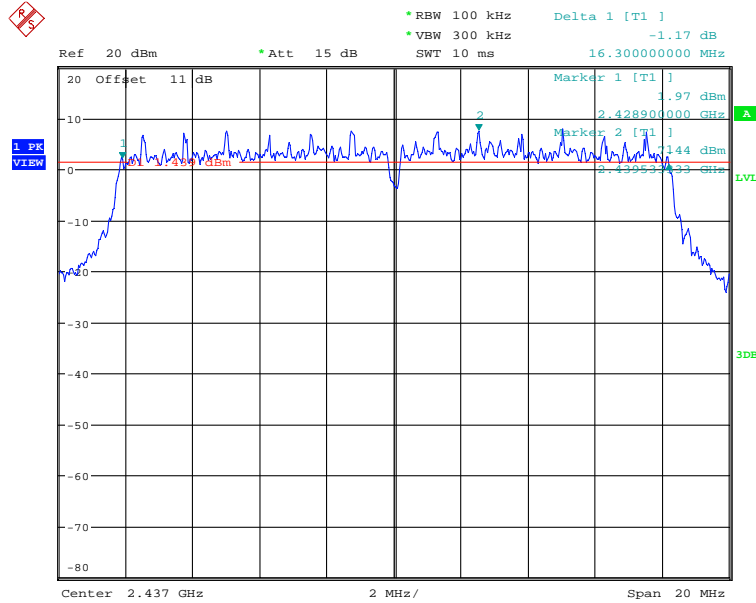


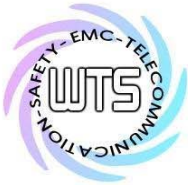
6DB BANDWIDTH 802.11G CH01  
Date: 15.OCT.2019 19:40:49





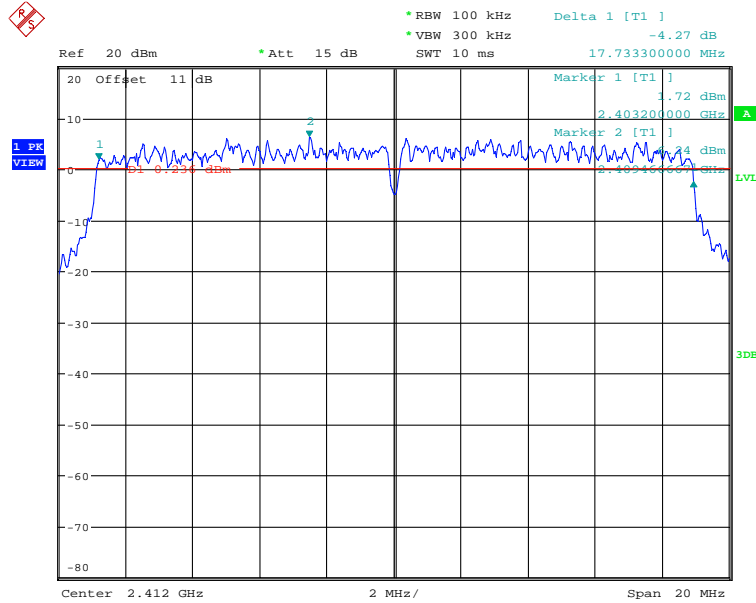
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FCC ID: W23-WMXWAVE2AS



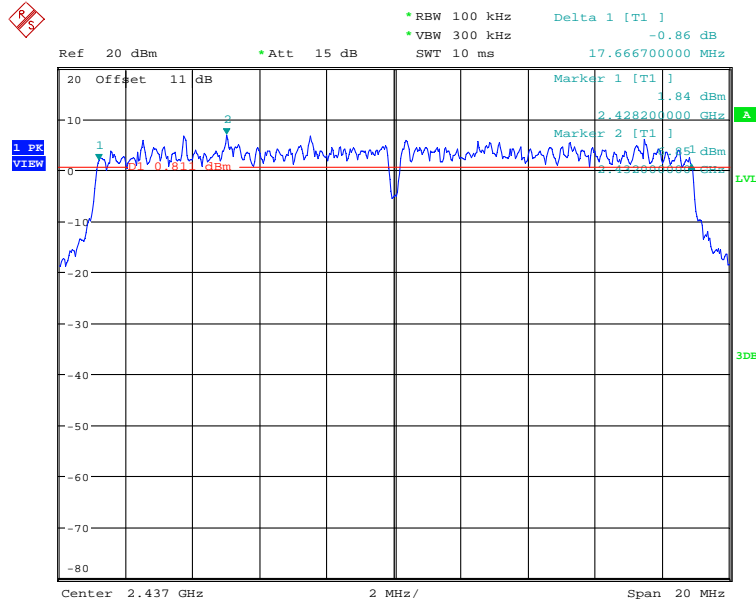


# Worldwide Testing Services(Taiwan) Co., Ltd.

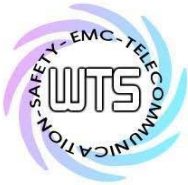
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



6DB BANDWIDTH 802.11N 20MHZ CH1  
Date: 15.OCT.2019 19:43:21

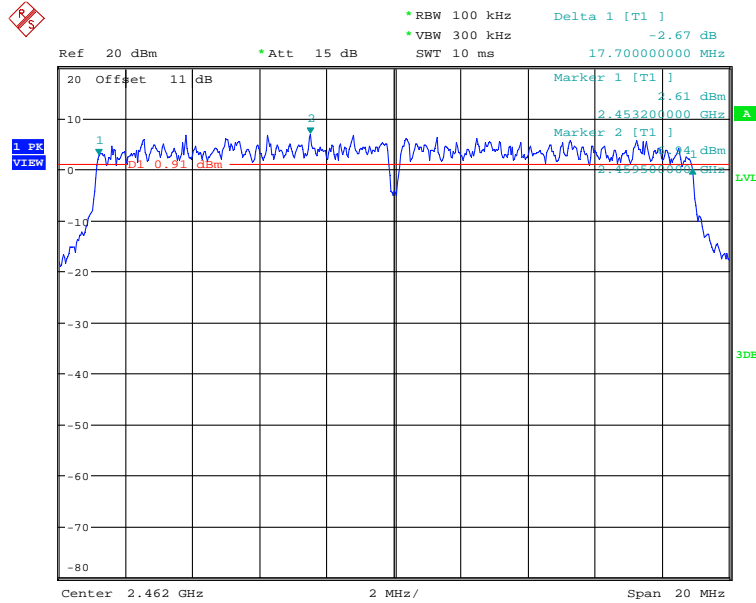


6DB BANDWIDTH 802.11N 20MHZ CH6  
Date: 15.OCT.2019 19:44:02

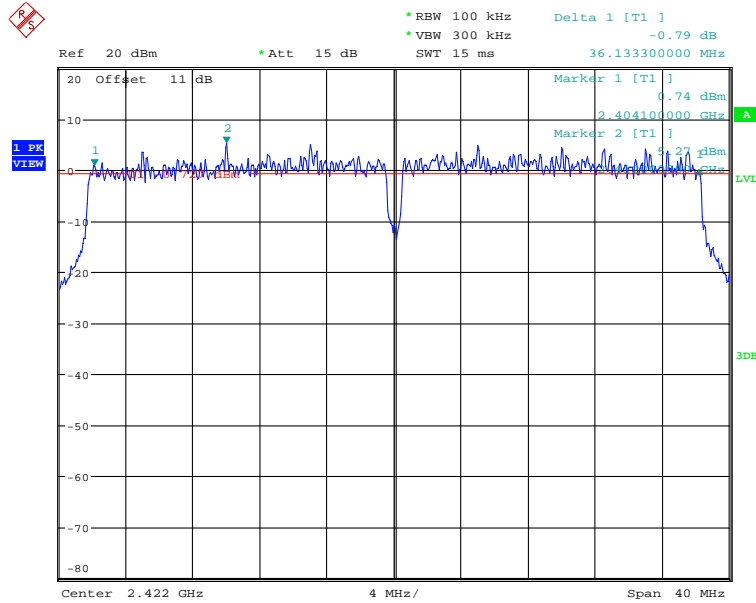


# Worldwide Testing Services(Taiwan) Co., Ltd.

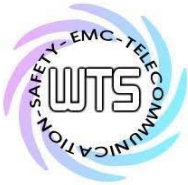
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



6DB BANDWIDTH 802.11N 20MHZ CH11  
Date: 15.OCT.2019 19:44:39

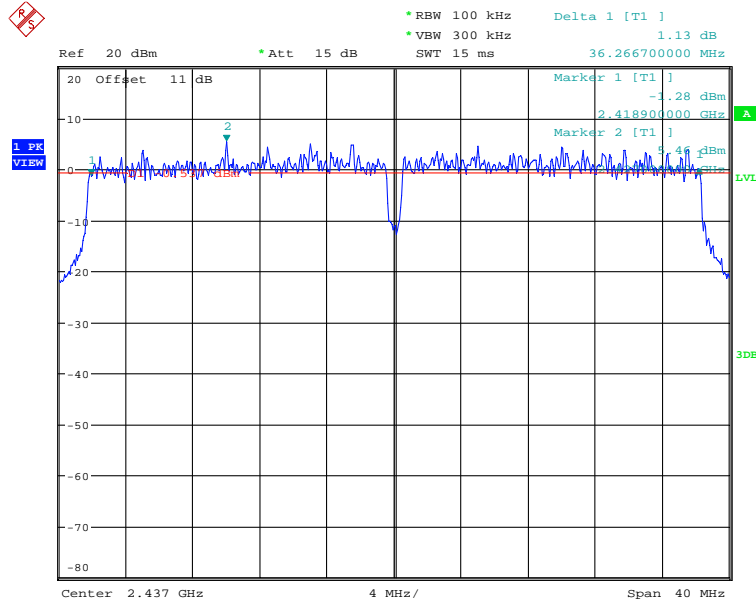


6DB BANDWIDTH 802.11N 40MHZ CH1  
Date: 15.OCT.2019 19:45:37

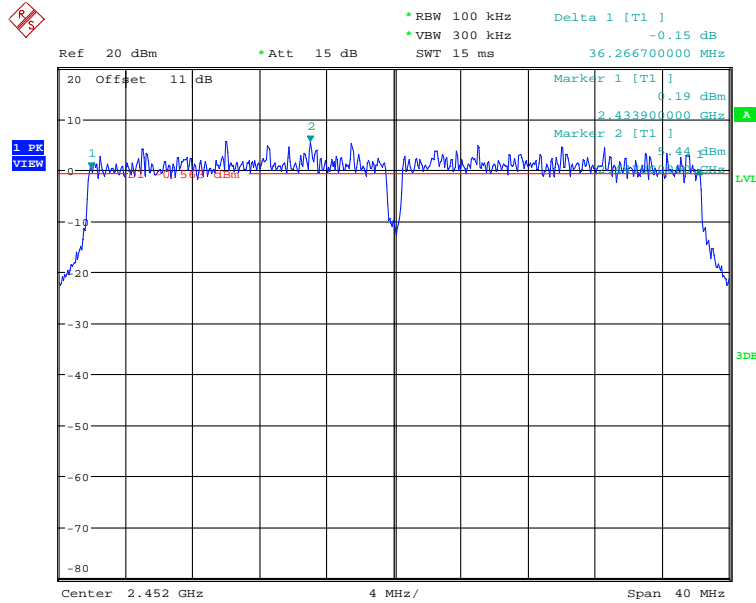


# Worldwide Testing Services(Taiwan) Co., Ltd.

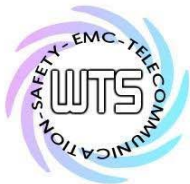
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



6DB BANDWIDTH 802.11N 40MHZ CH4  
Date: 15.OCT.2019 19:47:10



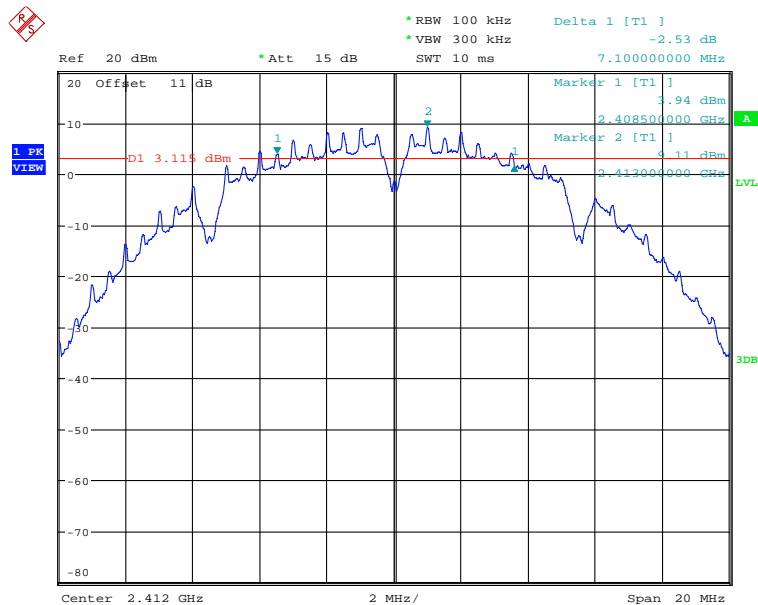
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Date: 15.OCT.2019 19:47:55



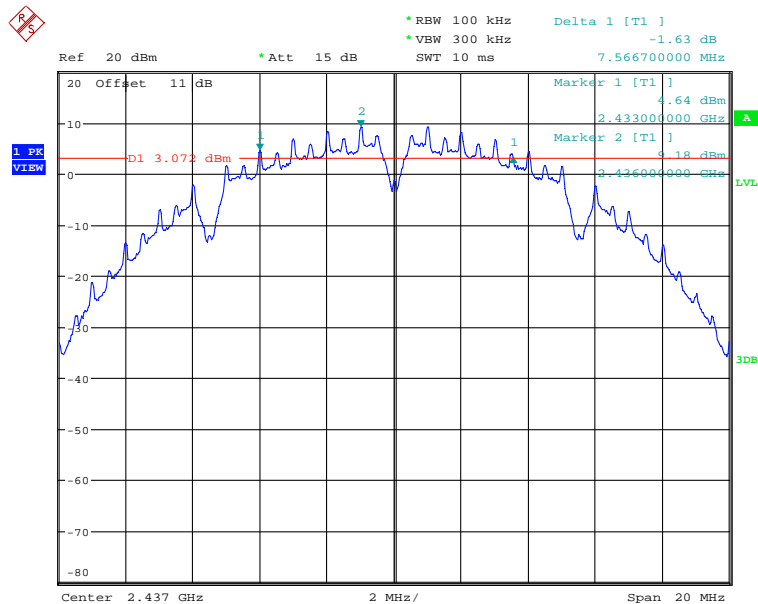
Registration number: W6R22110-21274-C-1

FCC ID: W23-WMXWAVE2AS

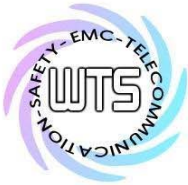
## ANT3



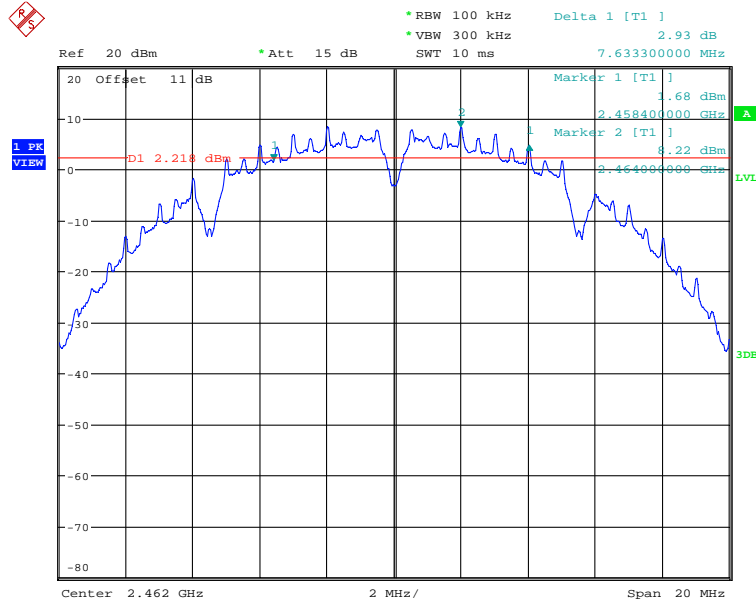
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Date: 15.OCT.2019 19:52:58



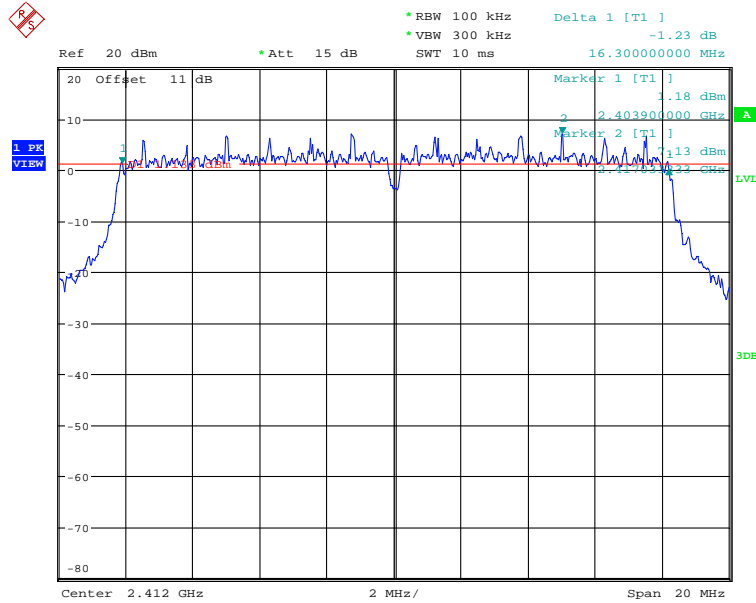
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Date: 15.OCT.2019 19:53:42



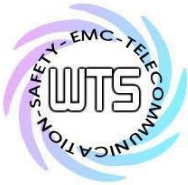
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



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Date: 15.OCT.2019 19:54:19

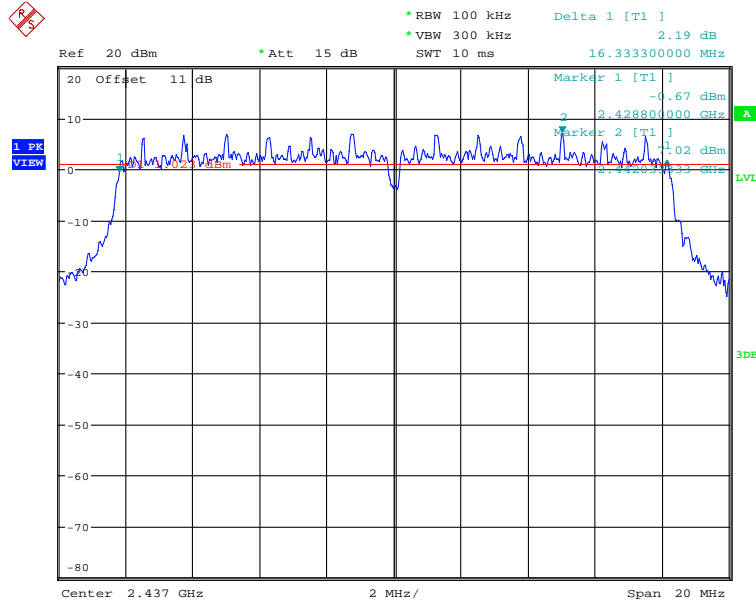


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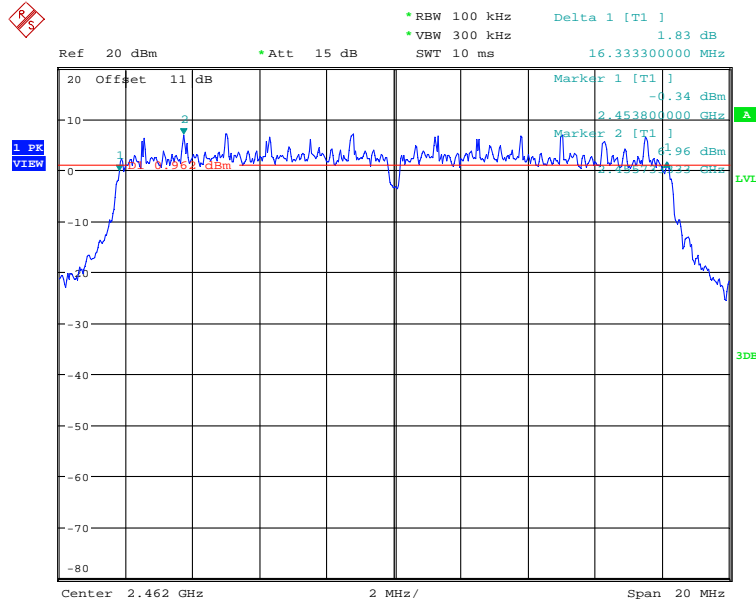


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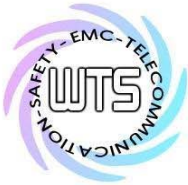
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FCC ID: W23-WMXWAVE2AS



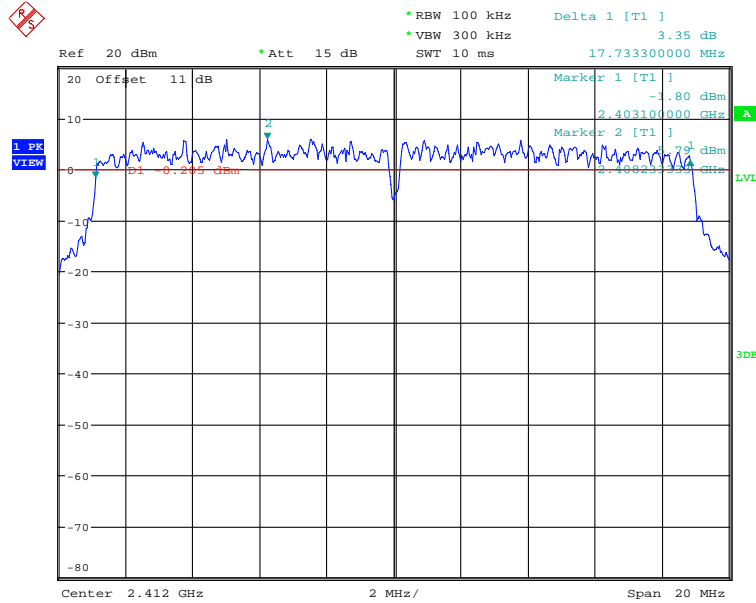
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Date: 15.OCT.2019 19:56:32



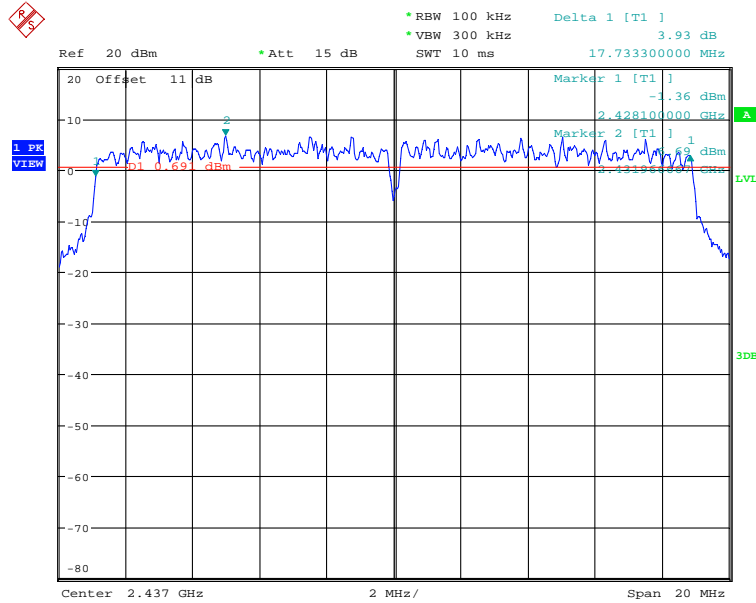
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Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

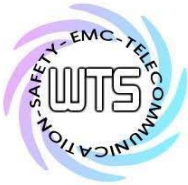


6DB BANDWIDTH 802.11N 20MHZ CH1  
Date: 15.OCT.2019 20:00:03



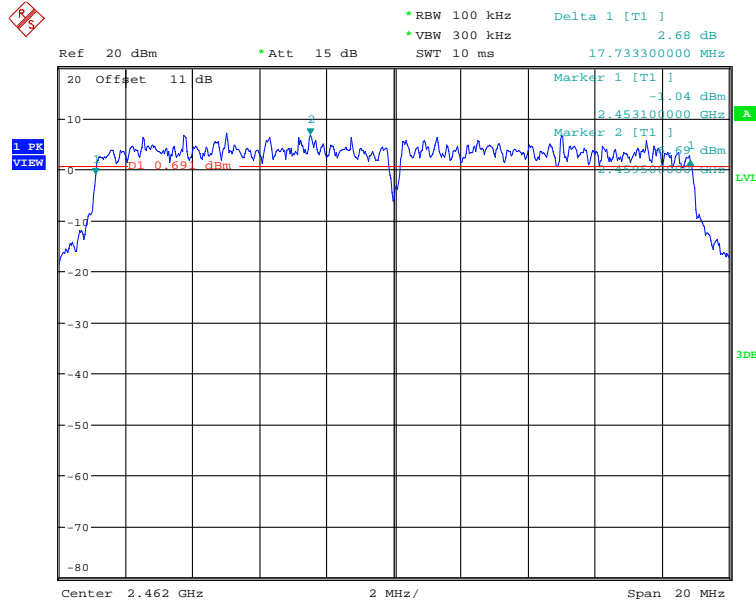
6DB BANDWIDTH 802.11N 20MHZ CH6  
Date: 15.OCT.2019 20:00:52



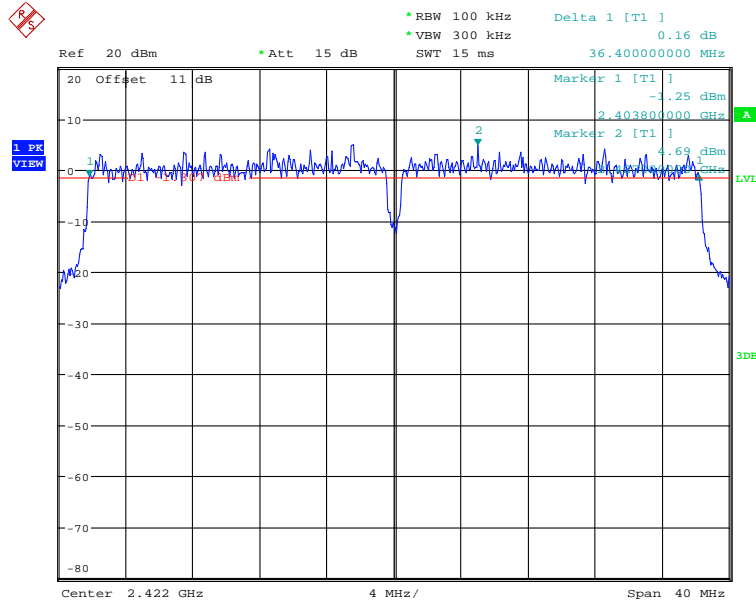


# Worldwide Testing Services(Taiwan) Co., Ltd.

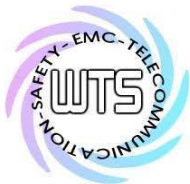
Registration number: W6R22110-21274-C-1  
 FCC ID: W23-WMXWAVE2AS



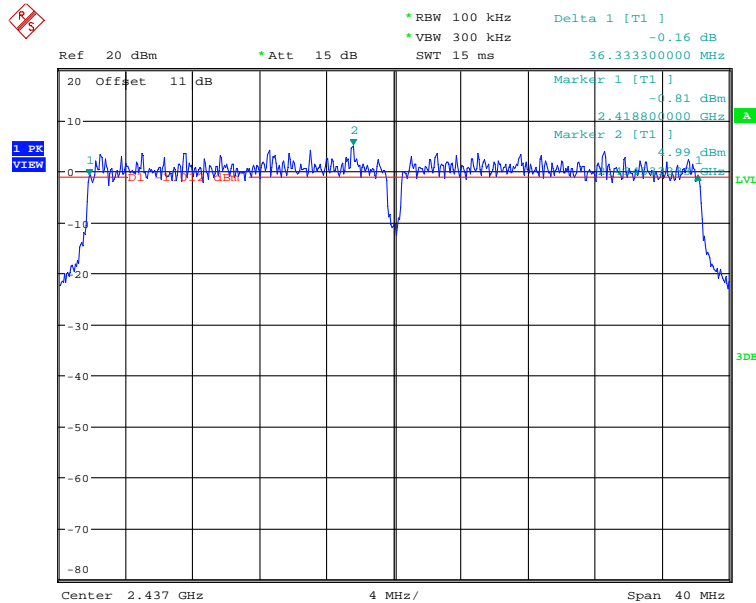
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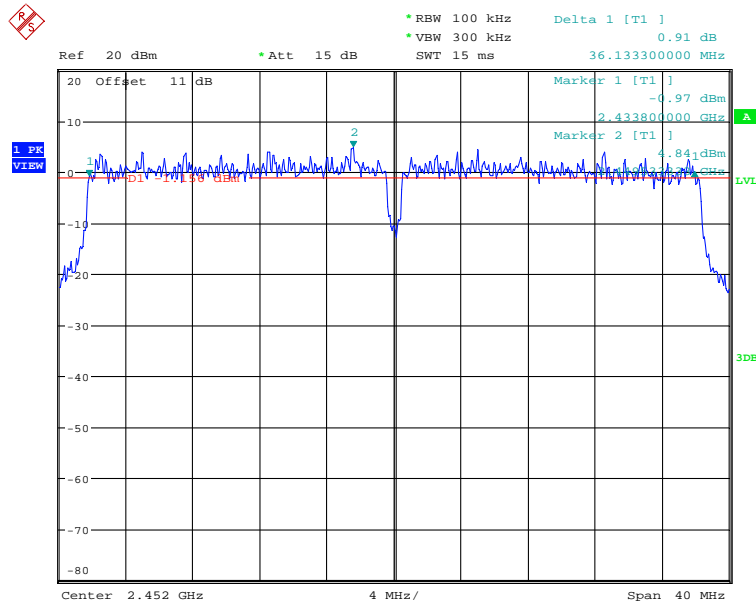
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 Date: 15.OCT.2019 20:02:26



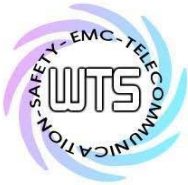
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



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Date: 15.OCT.2019 20:03:17

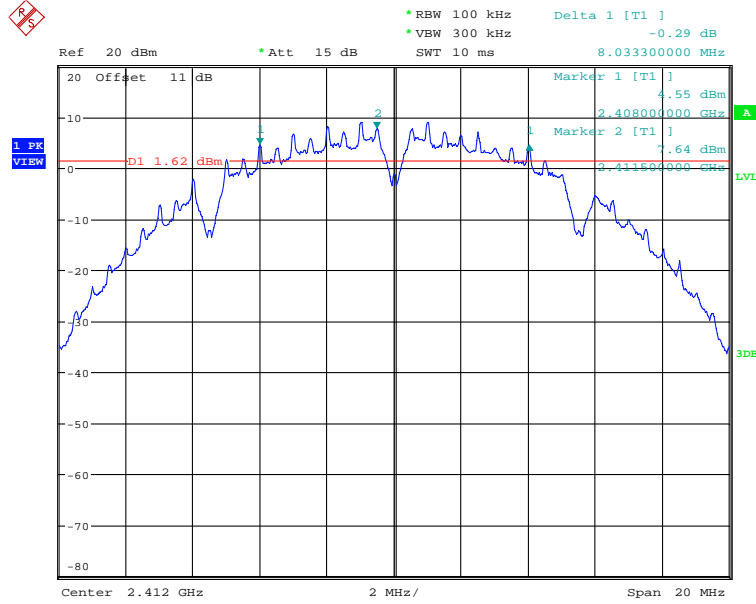


6DB BANDWIDTH 802.11N 40MHZ CH7  
Date: 15.OCT.2019 20:04:05

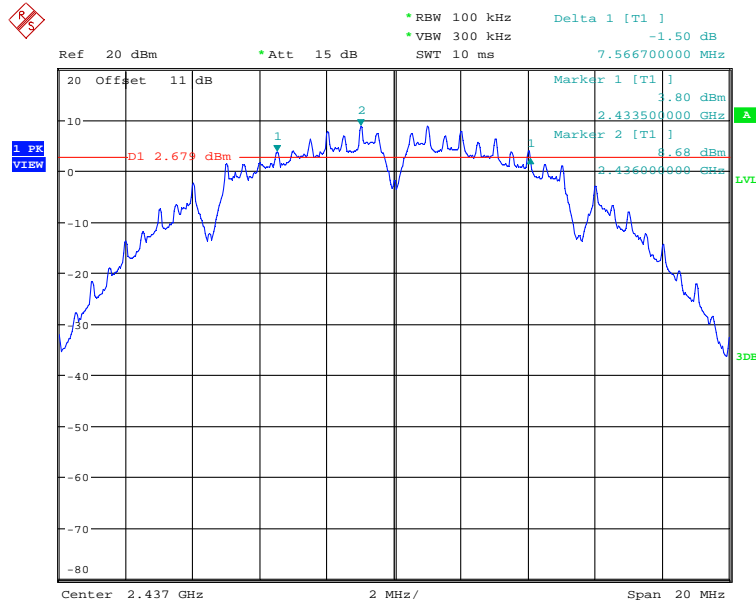


Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

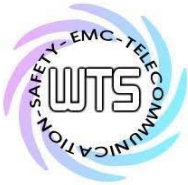
## ANT4



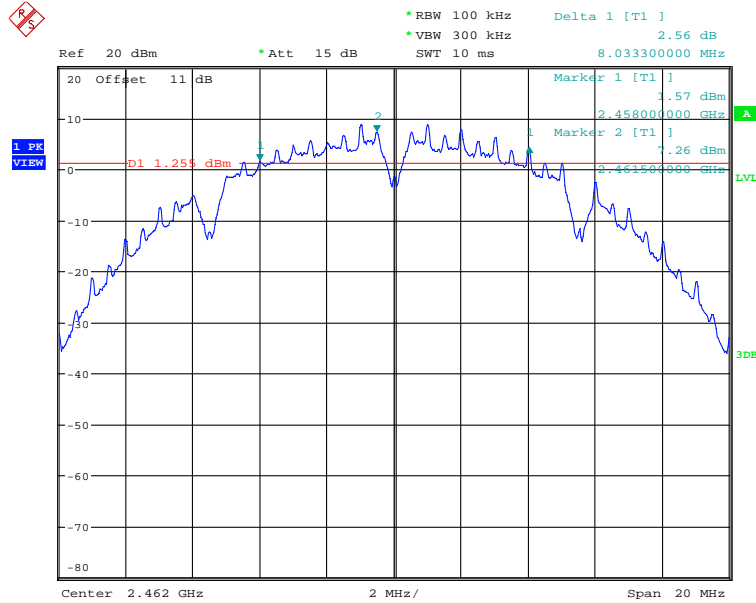
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Date: 15.OCT.2019 20:10:44



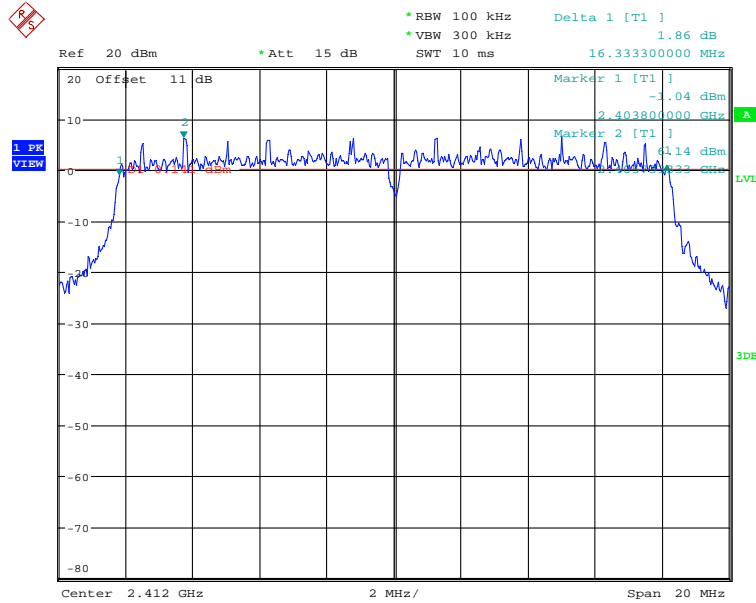
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Date: 15.OCT.2019 20:12:37



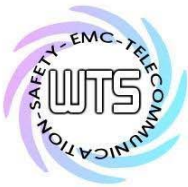
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



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Date: 15.OCT.2019 20:14:00

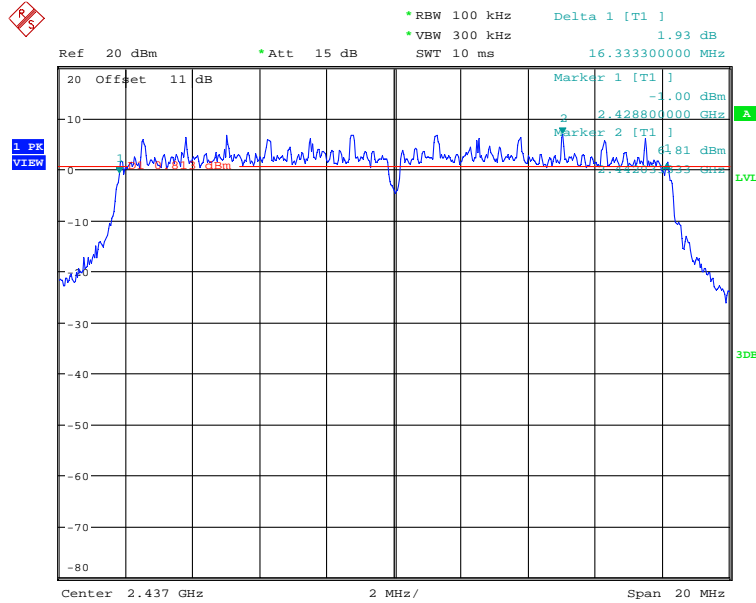


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Date: 15.OCT.2019 20:14:48

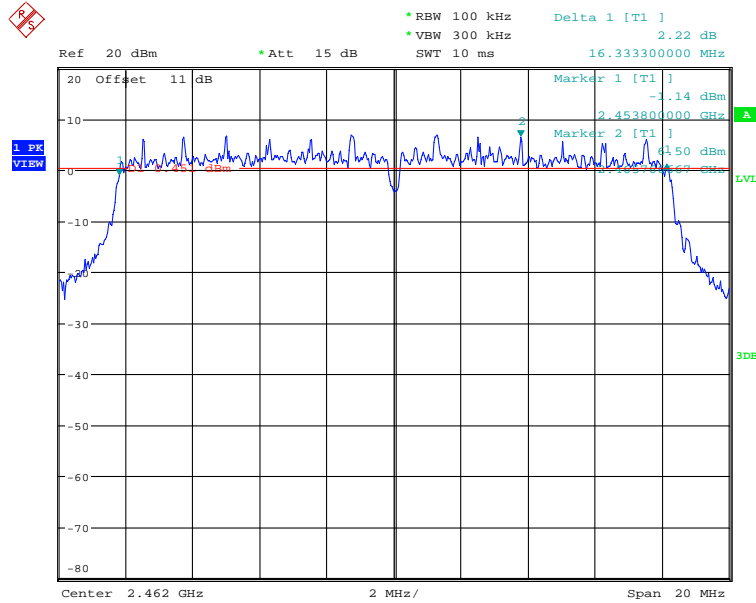


# Worldwide Testing Services(Taiwan) Co., Ltd.

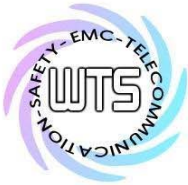
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FCC ID: W23-WMXWAVE2AS



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Date: 15.OCT.2019 20:15:30

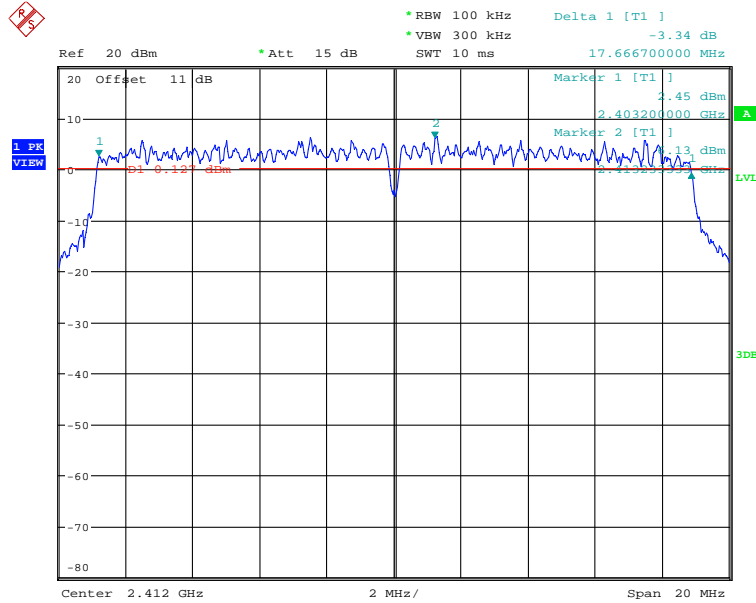


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Date: 15.OCT.2019 20:16:07

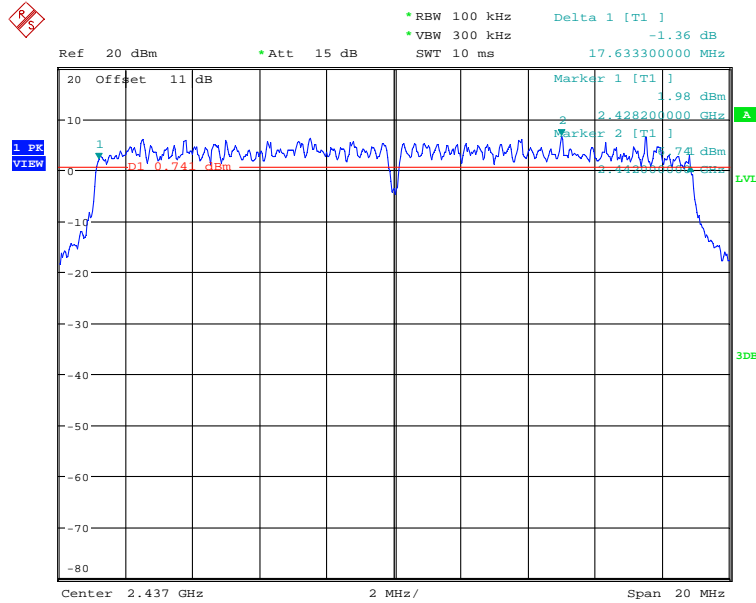


# Worldwide Testing Services(Taiwan) Co., Ltd.

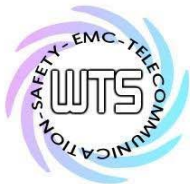
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



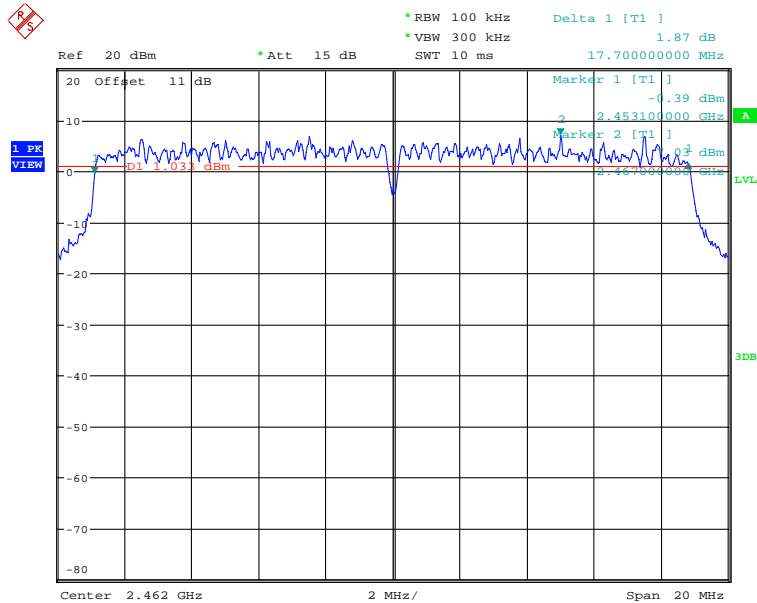
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Date: 15.OCT.2019 20:17:36



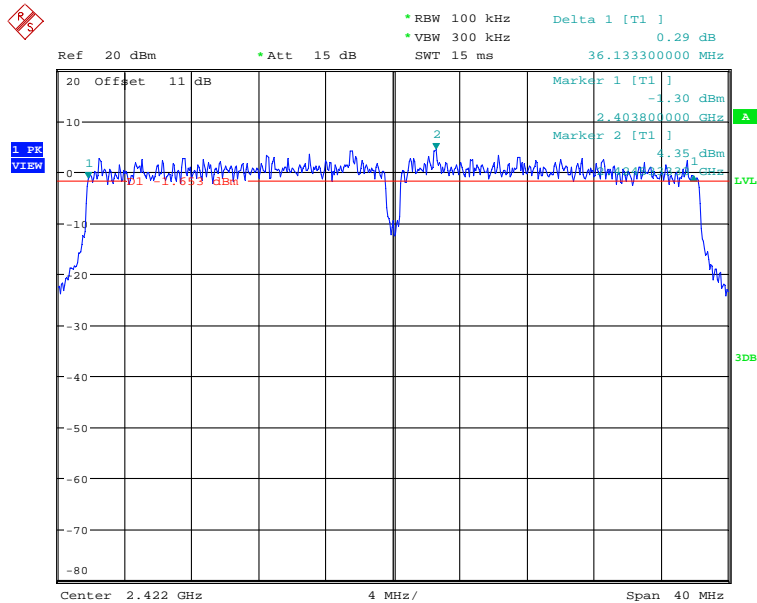
6DB BANDWIDTH 802.11N 20MHZ CH6  
Date: 15.OCT.2019 20:19:54



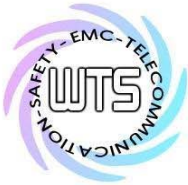
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FCC ID: W23-WMXWAVE2AS



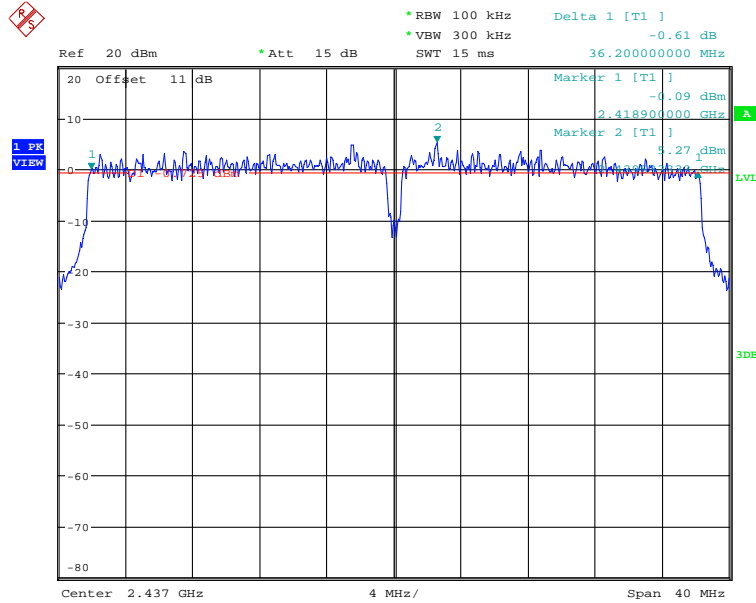
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Date: 15.OCT.2019 20:20:37



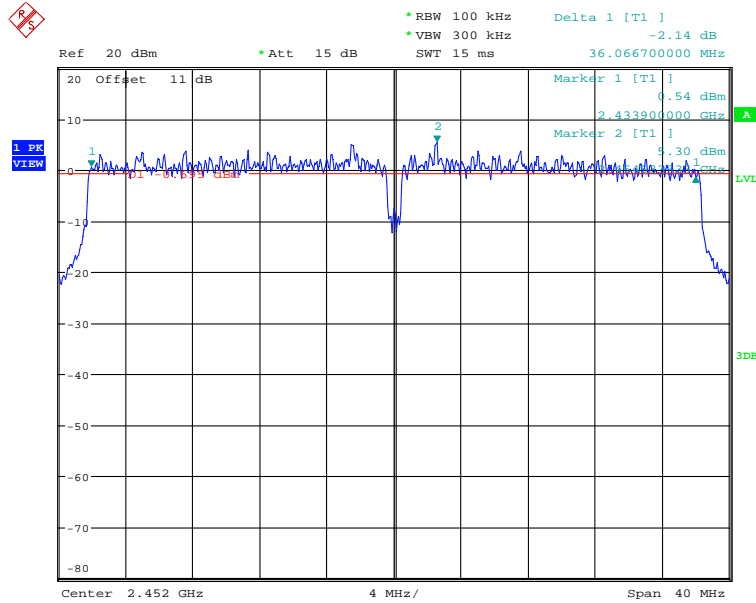
6DB BANDWIDTH 802.11N 40MHZ CH1  
Date: 15.OCT.2019 20:21:39



Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

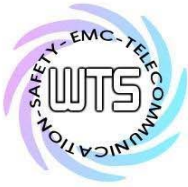


6DB BANDWIDTH 802.11N 40MHZ CH4  
Date: 15.OCT.2019 20:22:36



6DB BANDWIDTH 802.11N 40MHZ CH7  
Date: 15.OCT.2019 20:23:24





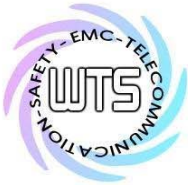
# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

**Limits:**

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

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



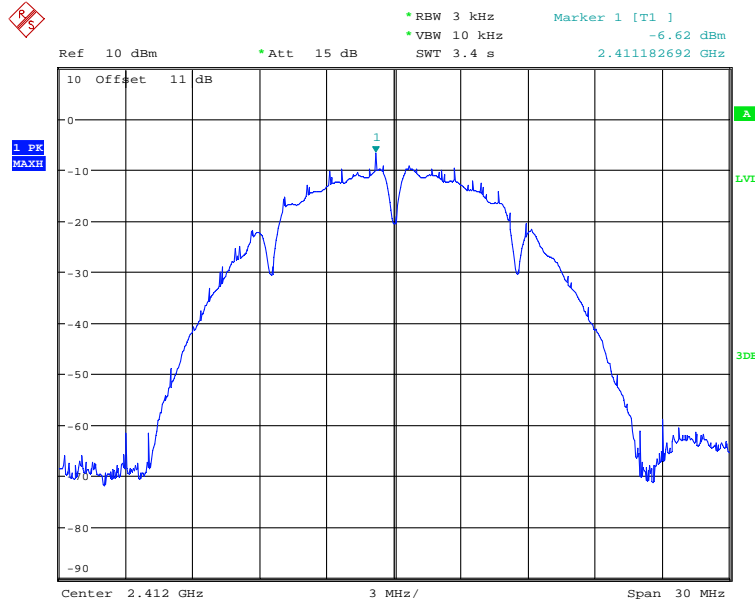
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

### 3.8 Peak Power Spectral Density

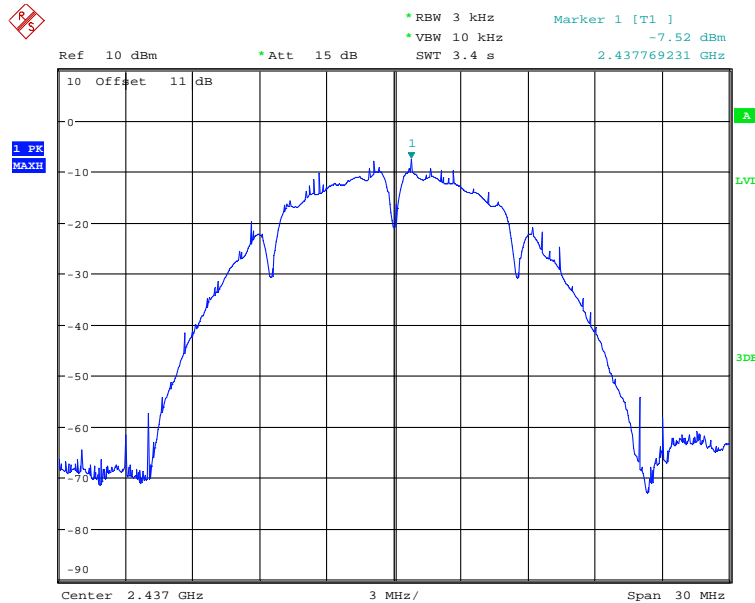
Peak Power Spectral density is a measured at low, middle and high channel.

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

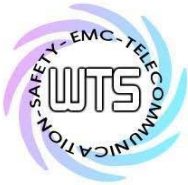
#### ANT1



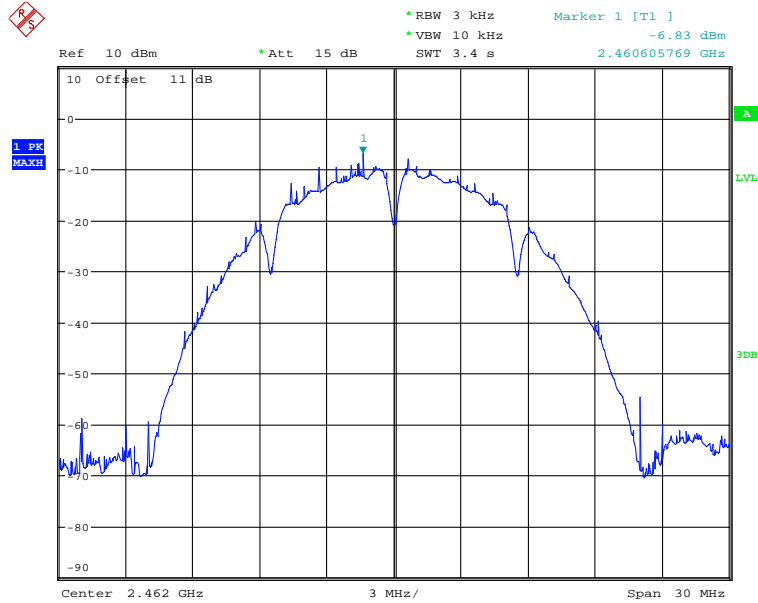
POWER DENSITY 802.11B CH01  
Date: 15.OCT.2019 17:17:30



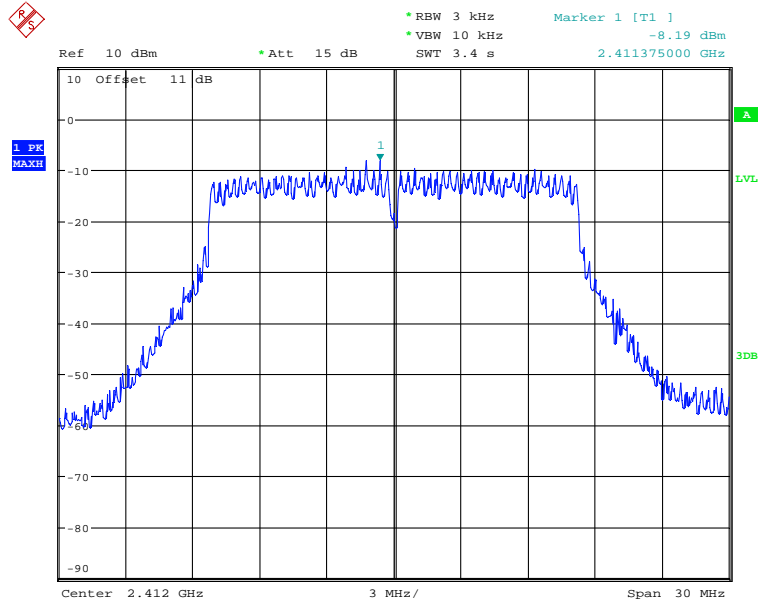
POWER DENSITY 802.11B CH06  
Date: 15.OCT.2019 17:18:55



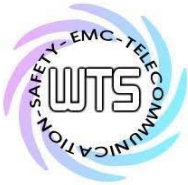
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



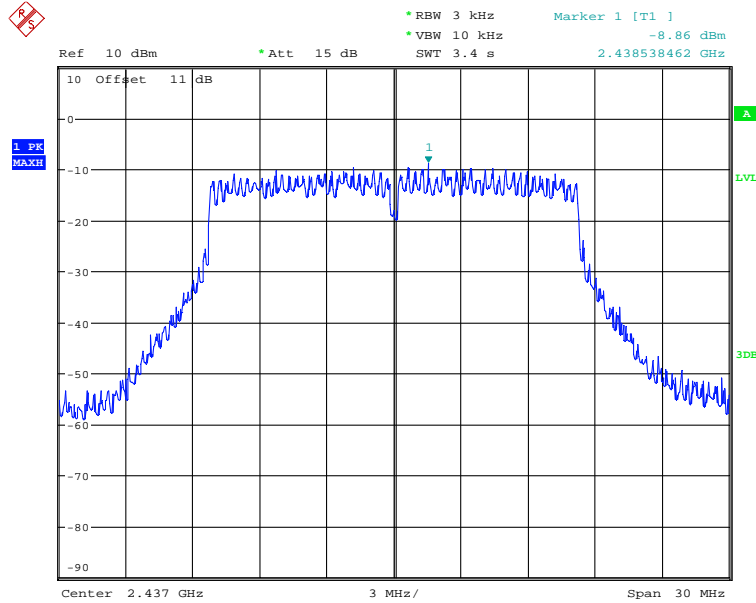
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Date: 15.OCT.2019 17:20:29



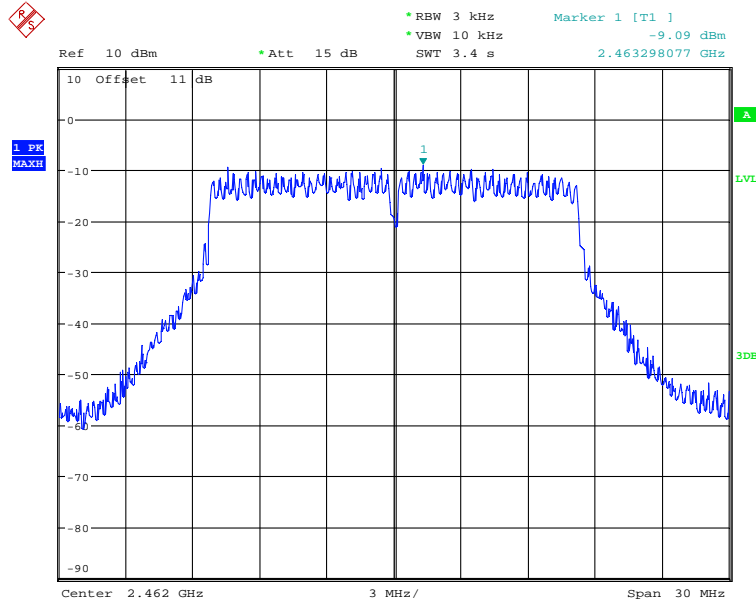
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Date: 15.OCT.2019 17:21:36



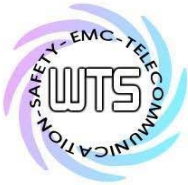
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



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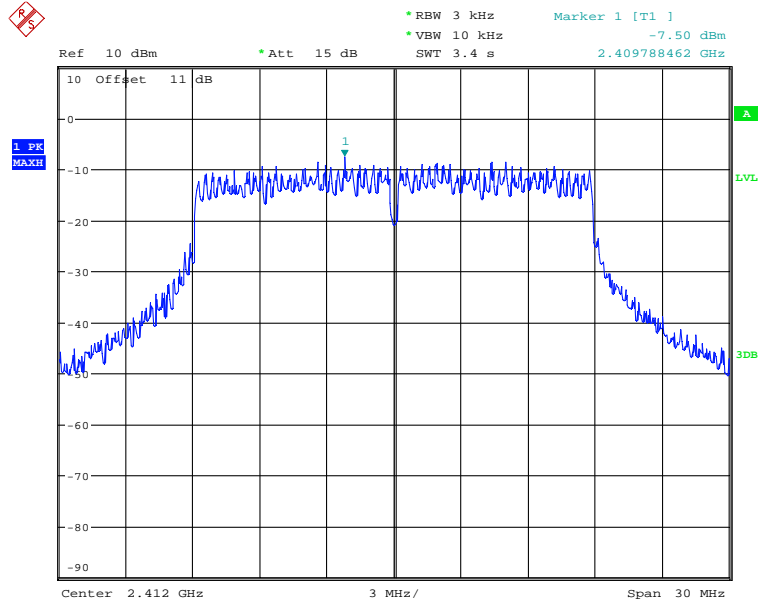


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Date: 15.OCT.2019 17:26:03

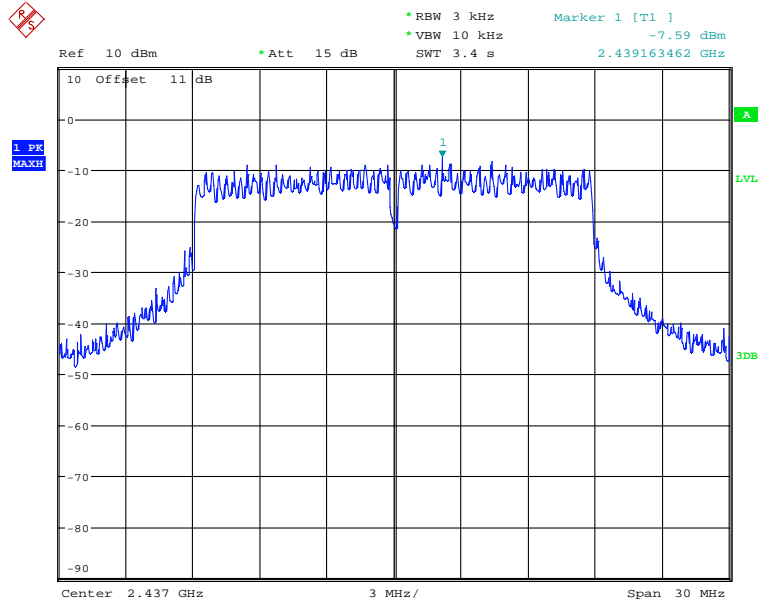


# Worldwide Testing Services(Taiwan) Co., Ltd.

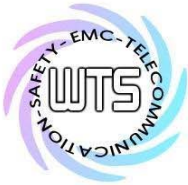
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FCC ID: W23-WMXWAVE2AS



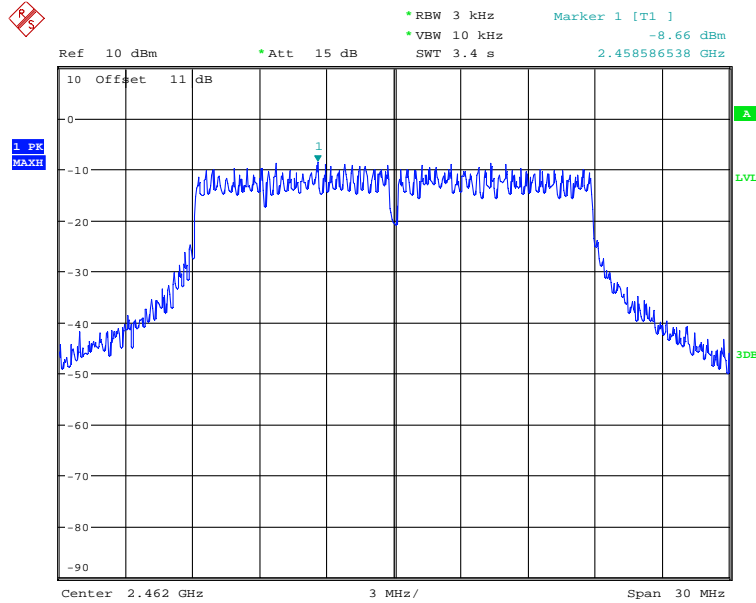
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Date: 15.OCT.2019 17:30:16



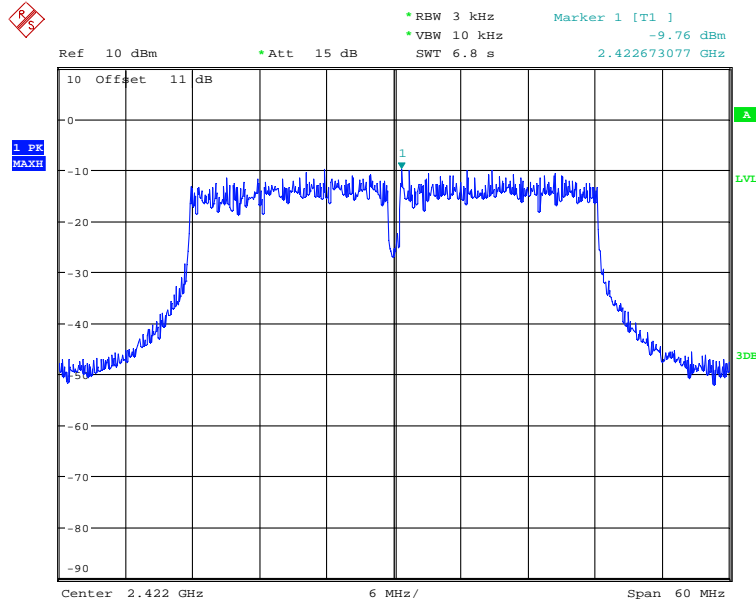
POWER DENSITY 802.11N 20MHZ CH6  
Date: 15.OCT.2019 17:31:02



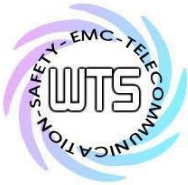
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



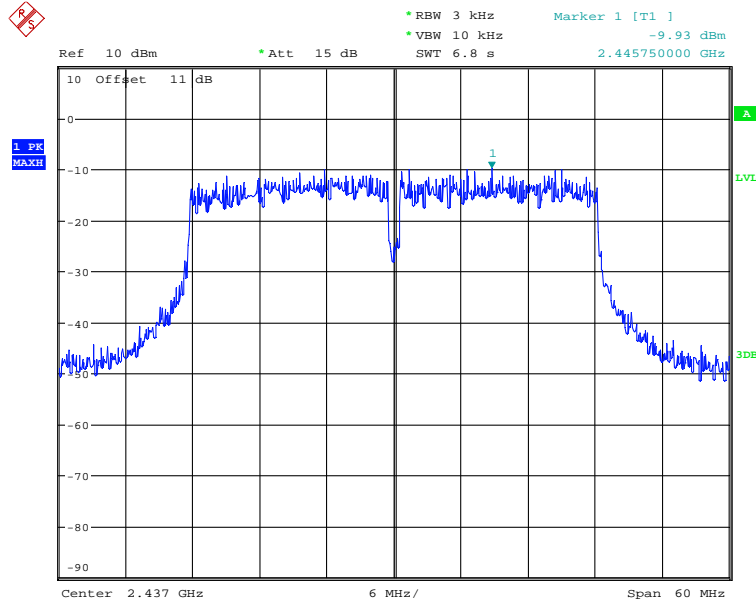
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Date: 15.OCT.2019 17:31:50



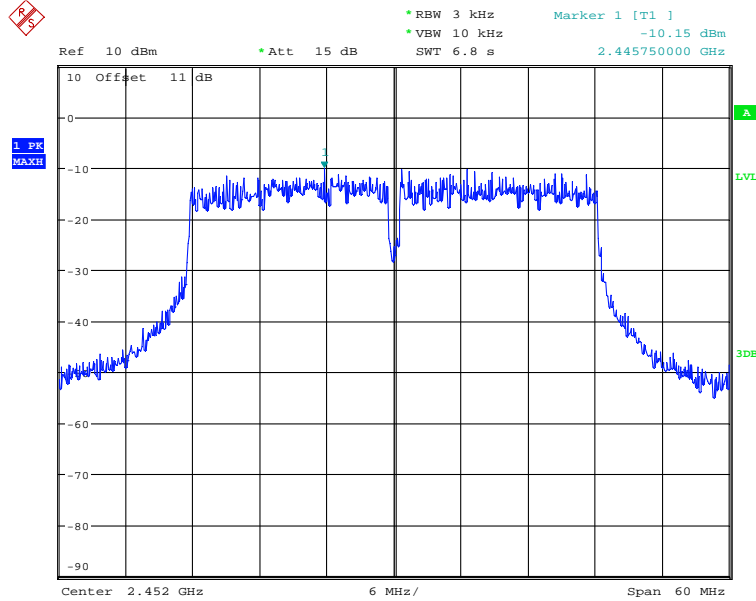
POWER DENSITY 802.11N 40MHZ CH1  
Date: 15.OCT.2019 17:32:58



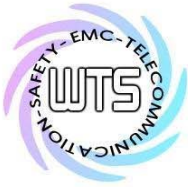
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



POWER DENSITY 802.11N 40MHZ CH4  
Date: 15.OCT.2019 17:34:10

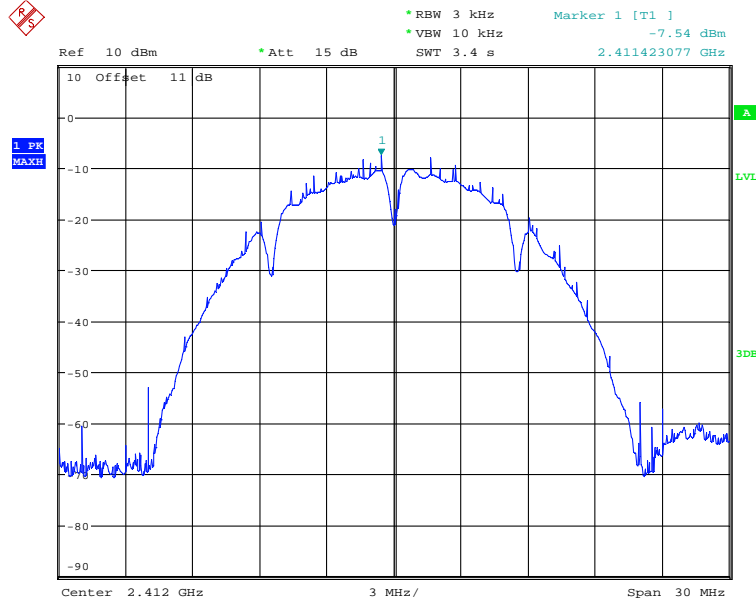


POWER DENSITY 802.11N 40MHZ CH7  
Date: 15.OCT.2019 17:34:55

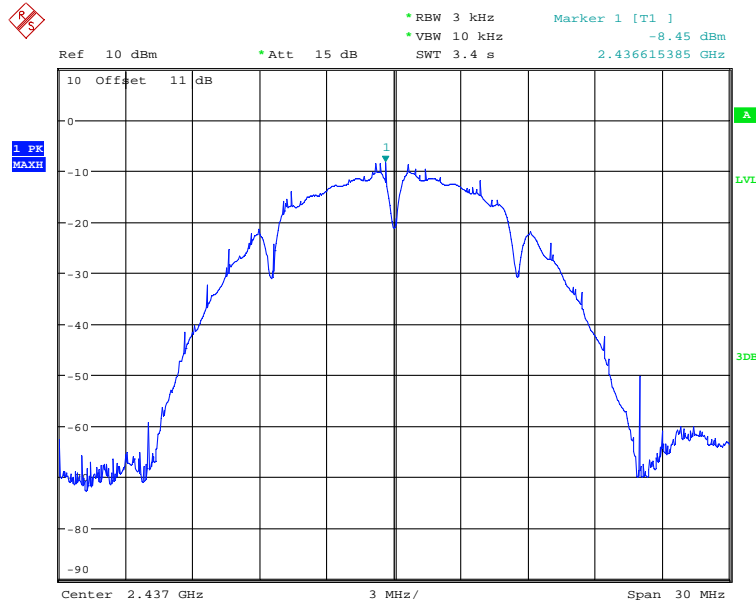


Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

## ANT2

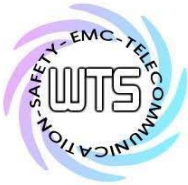


POWER DENSITY 802.11B CH01  
Date: 15.OCT.2019 19:38:31

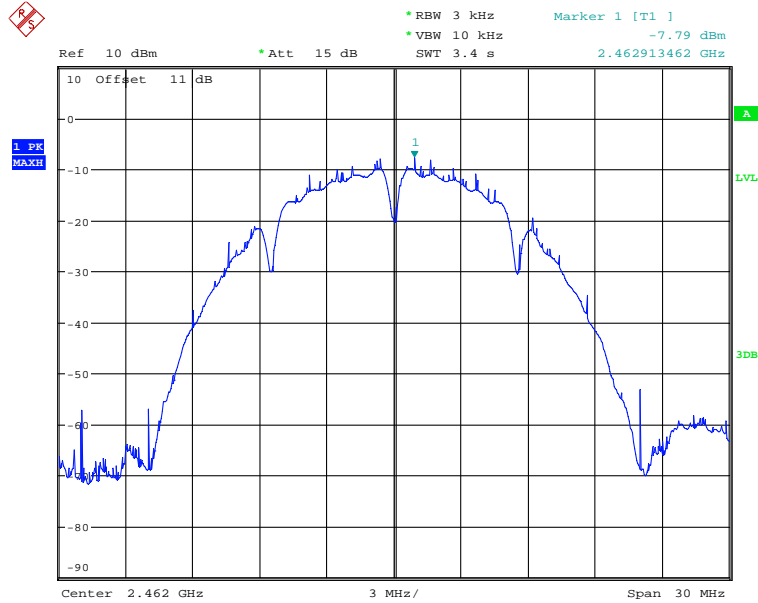


POWER DENSITY 802.11B CH06  
Date: 15.OCT.2019 19:39:22

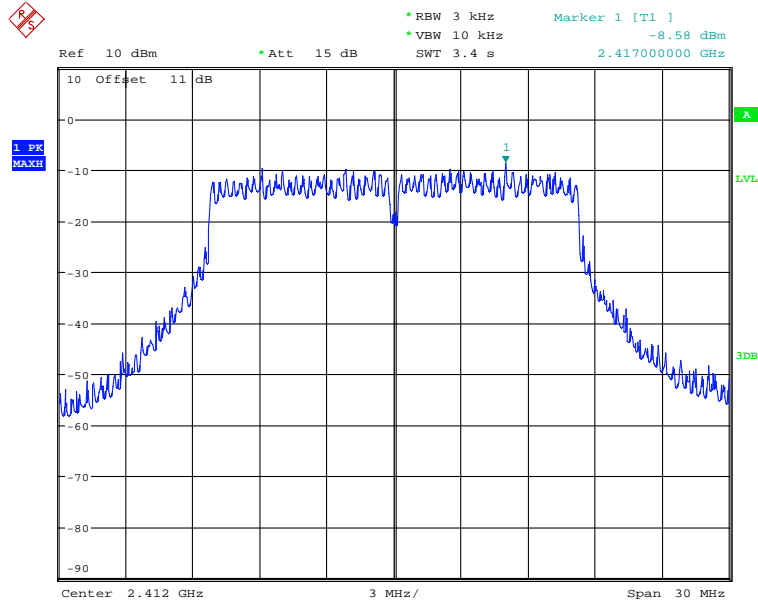




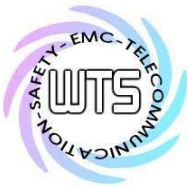
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



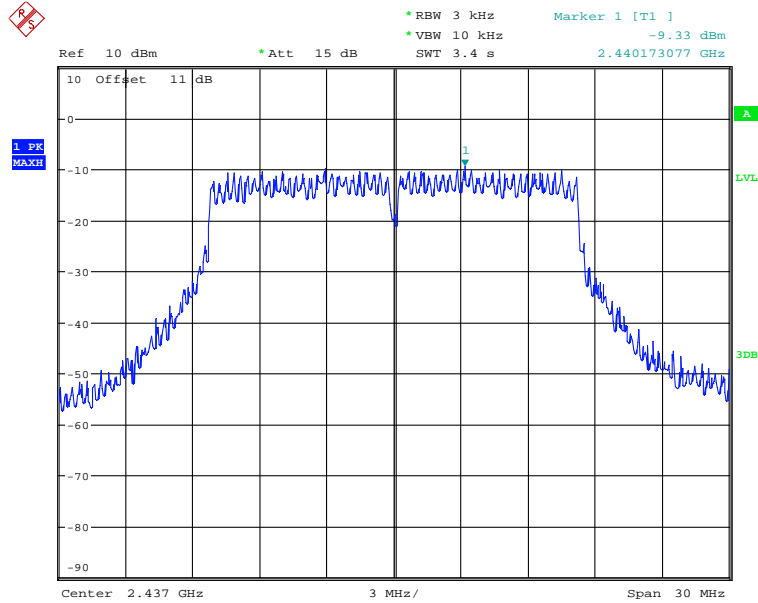
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Date: 15.OCT.2019 19:40:00



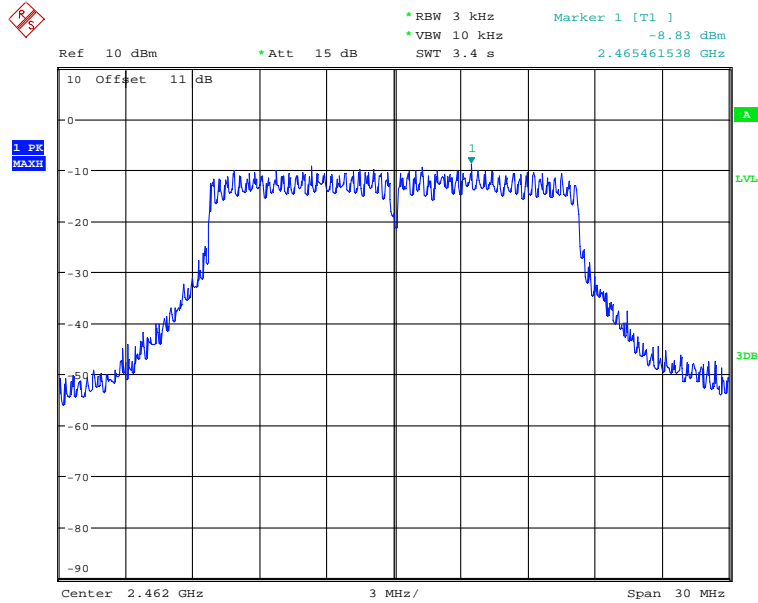
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Date: 15.OCT.2019 19:40:57



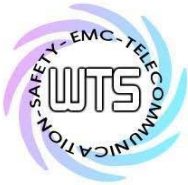
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



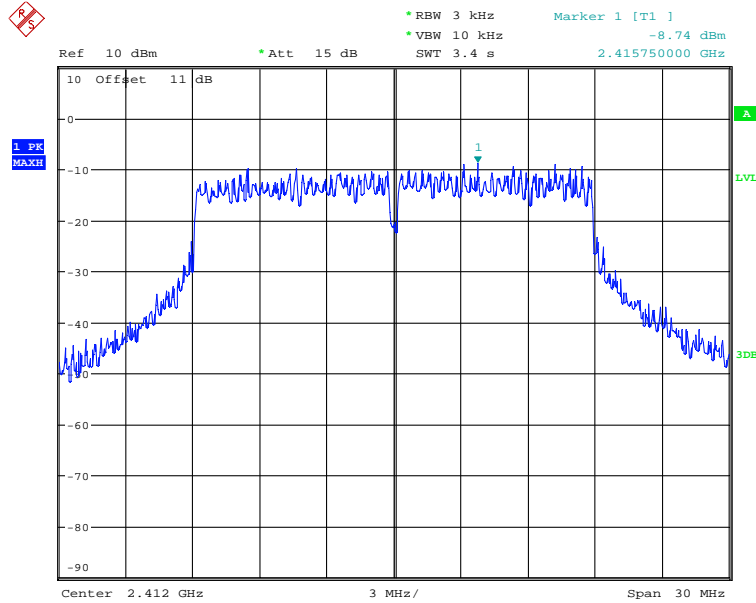
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Date: 15.OCT.2019 19:41:40



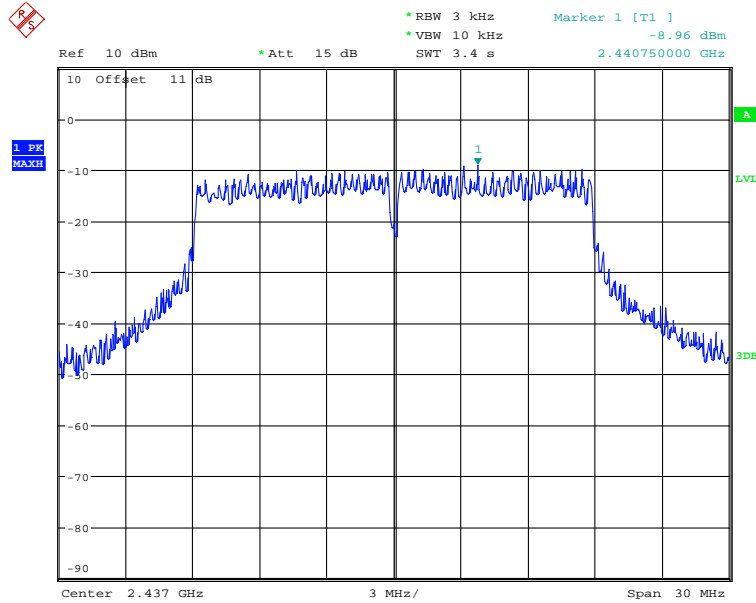
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Date: 15.OCT.2019 19:42:17



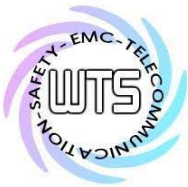
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



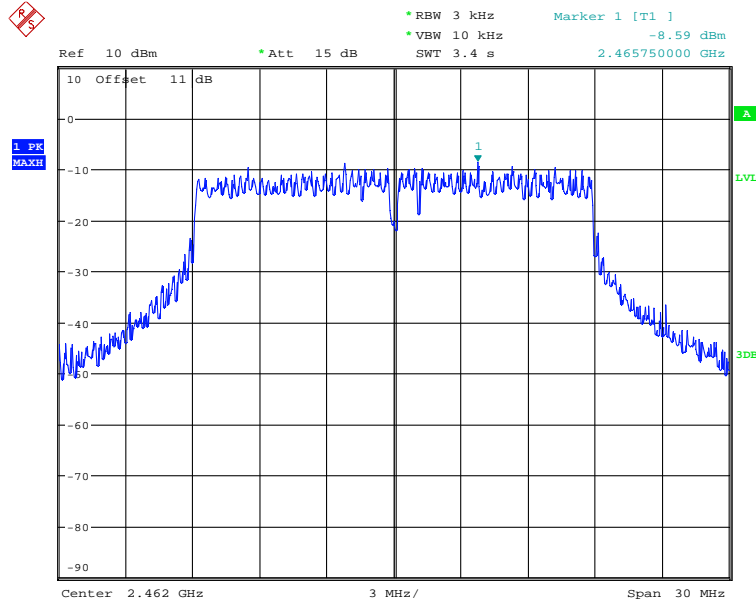
POWER DENSITY 802.11N 20MHZ CH1  
Date: 15.OCT.2019 19:43:29



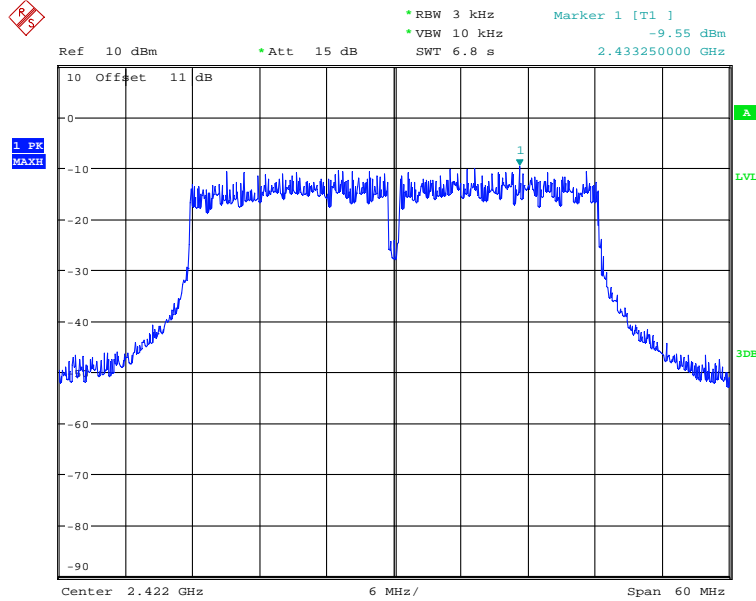
POWER DENSITY 802.11N 20MHZ CH6  
Date: 15.OCT.2019 19:44:10



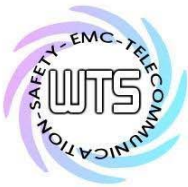
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



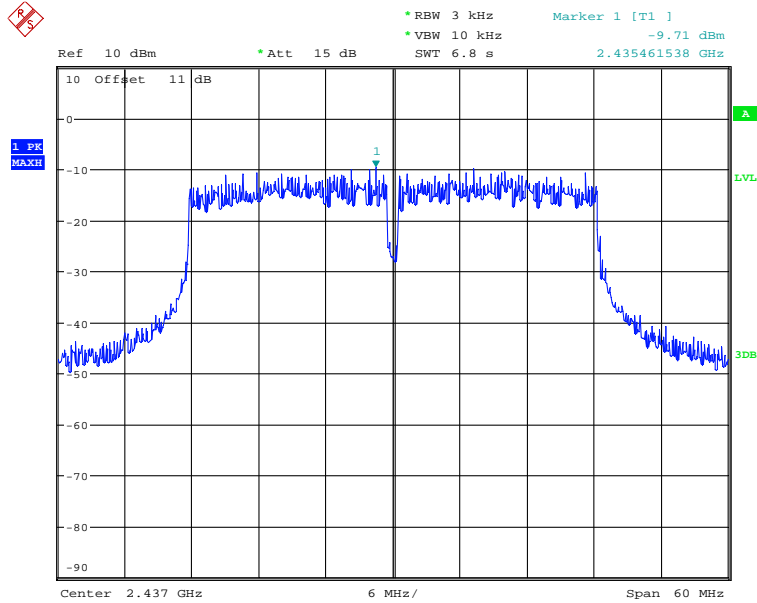
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Date: 15.OCT.2019 19:44:47



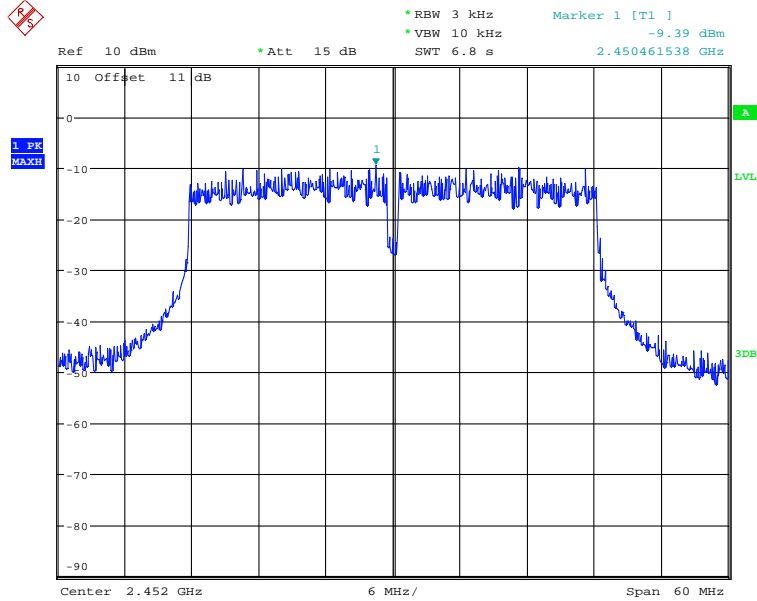
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Date: 15.OCT.2019 19:45:52



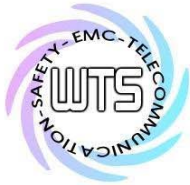
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



POWER DENSITY 802.11N 40MHZ CH4  
Date: 15.OCT.2019 19:47:25

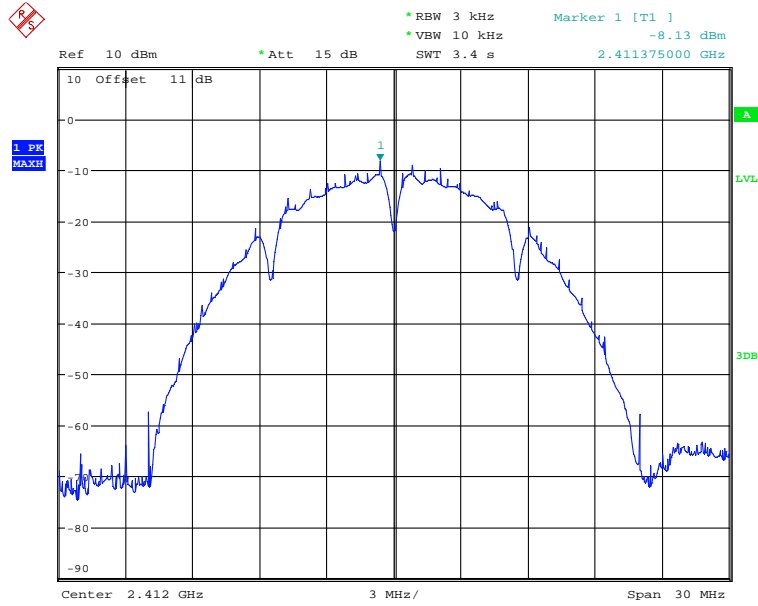


POWER DENSITY 802.11N 40MHZ CH7  
Date: 15.OCT.2019 19:48:10

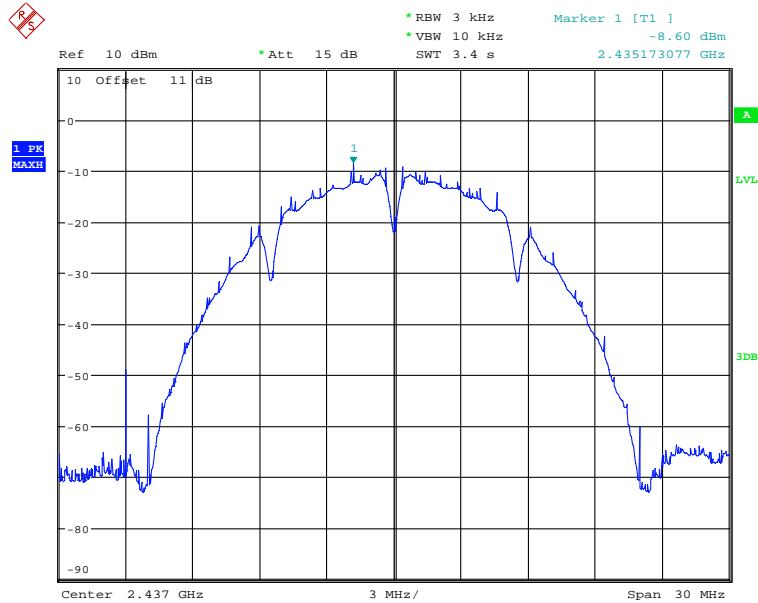


Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

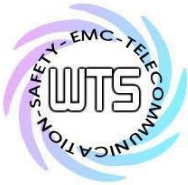
## ANT3



POWER DENSITY 802.11B CH01  
Date: 15.OCT.2019 19:53:06

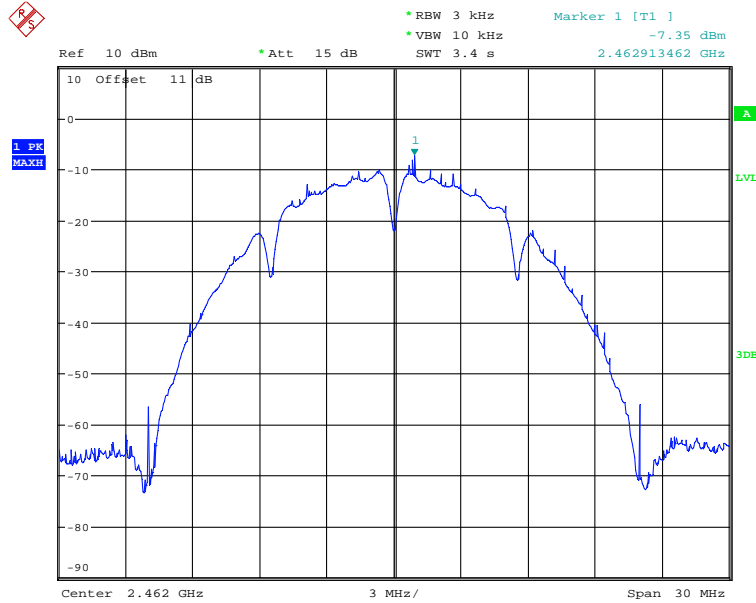


POWER DENSITY 802.11B CH06  
Date: 15.OCT.2019 19:53:50

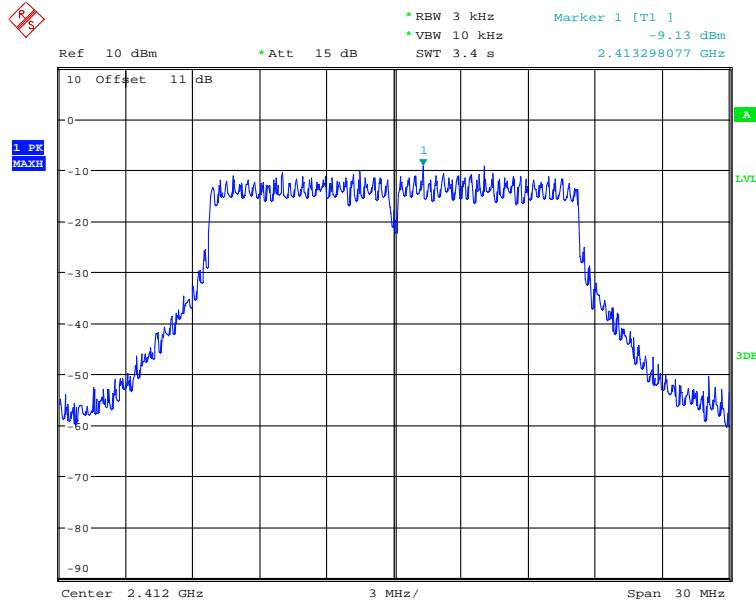


# Worldwide Testing Services(Taiwan) Co., Ltd.

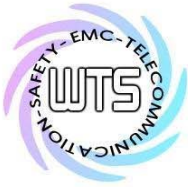
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



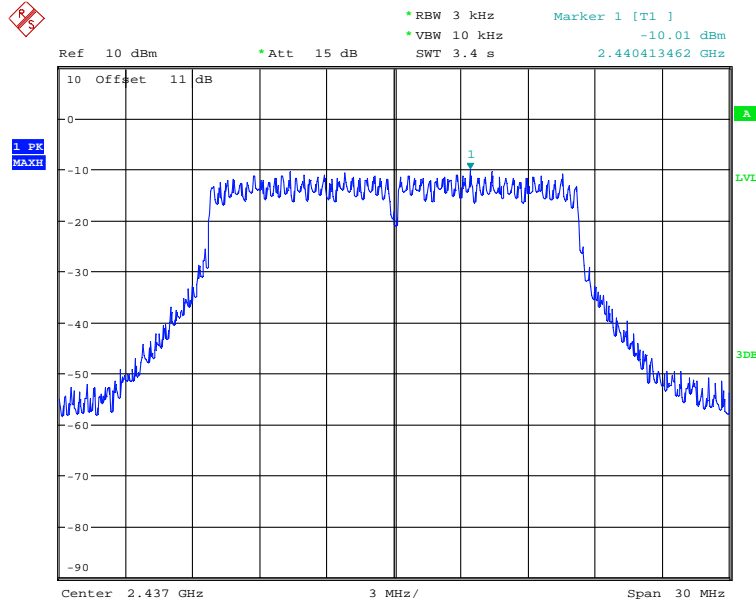
POWER DENSITY 802.11B CH11  
Date: 15.OCT.2019 19:54:27



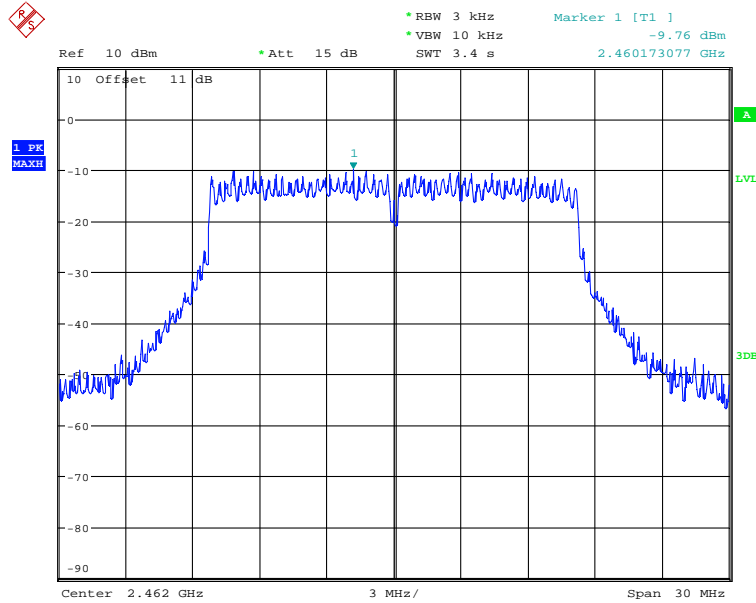
POWER DENSITY 802.11G CH01  
Date: 15.OCT.2019 19:55:54



Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

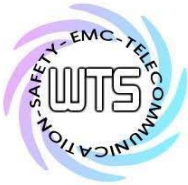


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Date: 15.OCT.2019 19:56:40

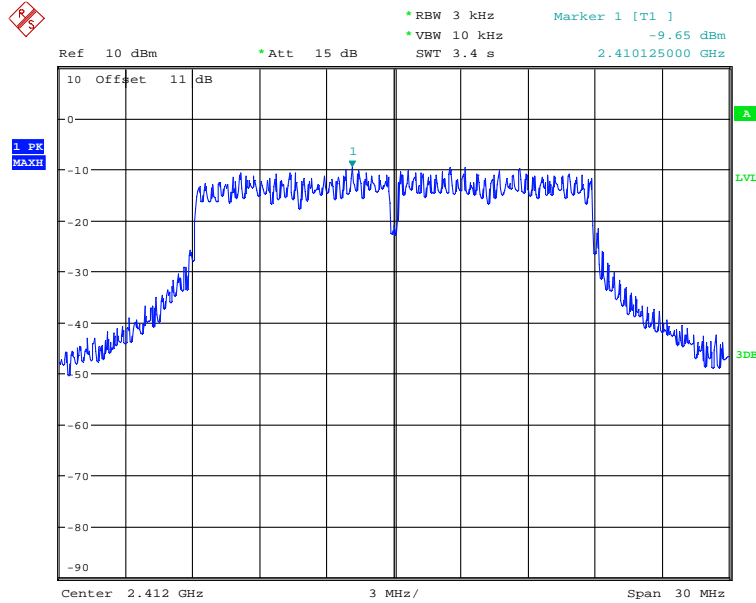


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Date: 15.OCT.2019 19:57:18

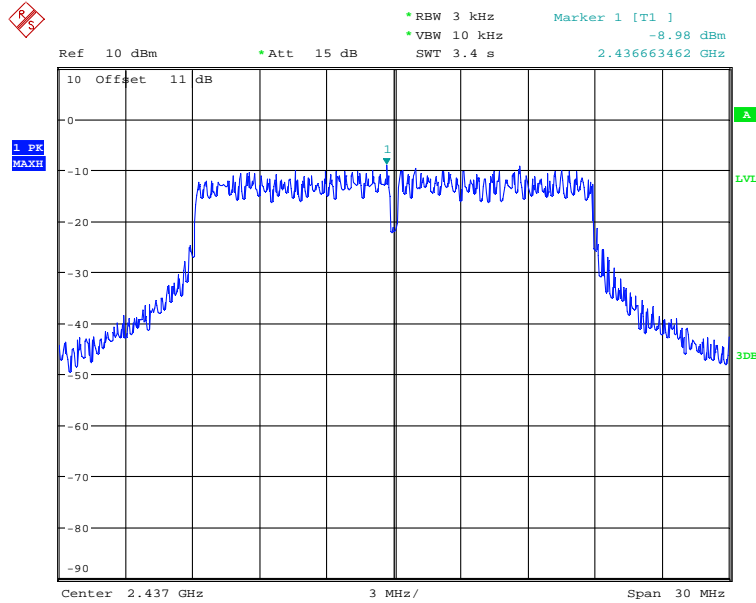




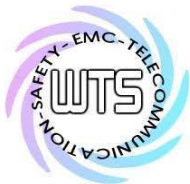
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



POWER DENSITY 802.11N 20MHZ CH1  
Date: 15.OCT.2019 20:00:11

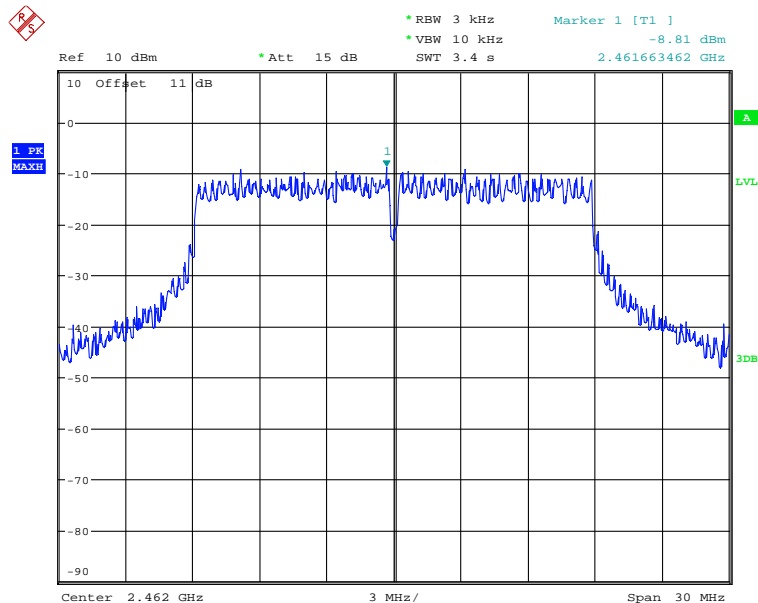


POWER DENSITY 802.11N 20MHZ CH6  
Date: 15.OCT.2019 20:01:00

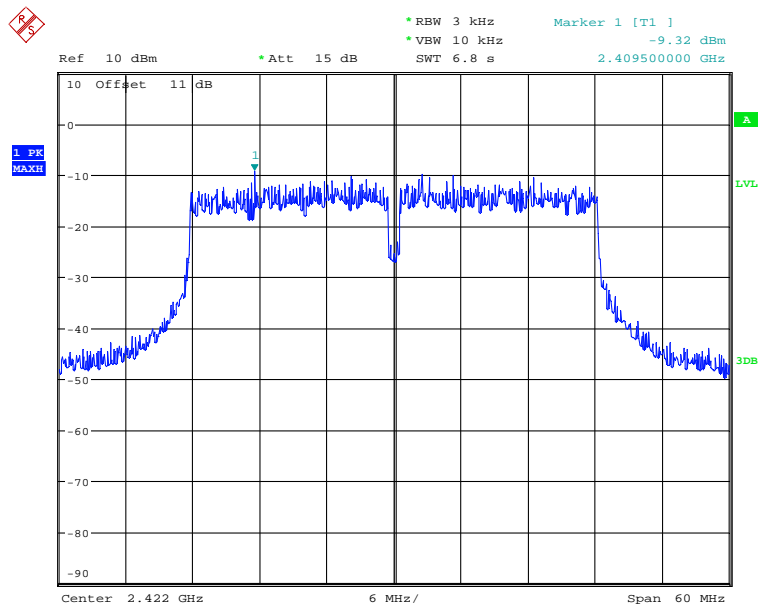


Registration number: W6R22110-21274-C-1

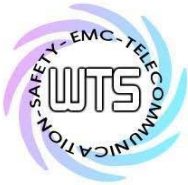
FCC ID: W23-WMXWAVE2AS



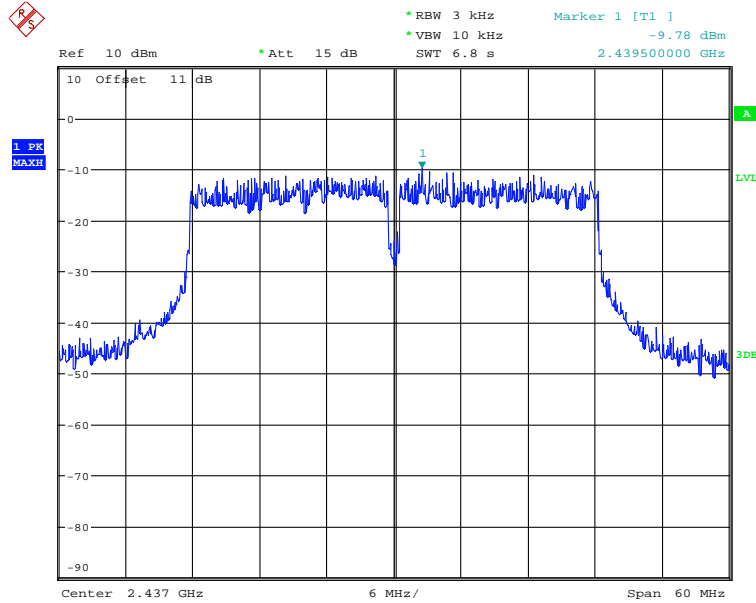
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Date: 15.OCT.2019 20:01:39



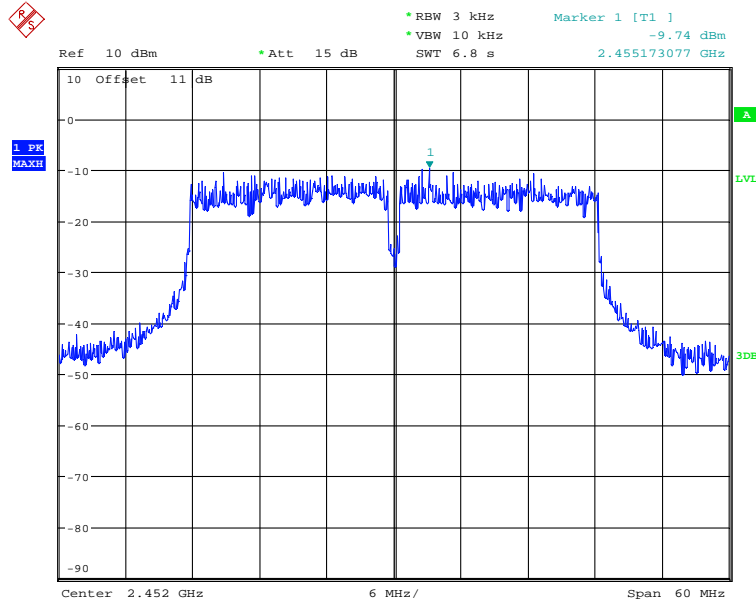
POWER DENSITY 802.11N 40MHZ CH1  
Date: 15.OCT.2019 20:02:41



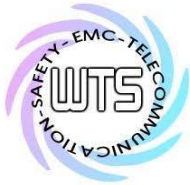
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



POWER DENSITY 802.11N 40MHZ CH4  
Date: 15.OCT.2019 20:03:32

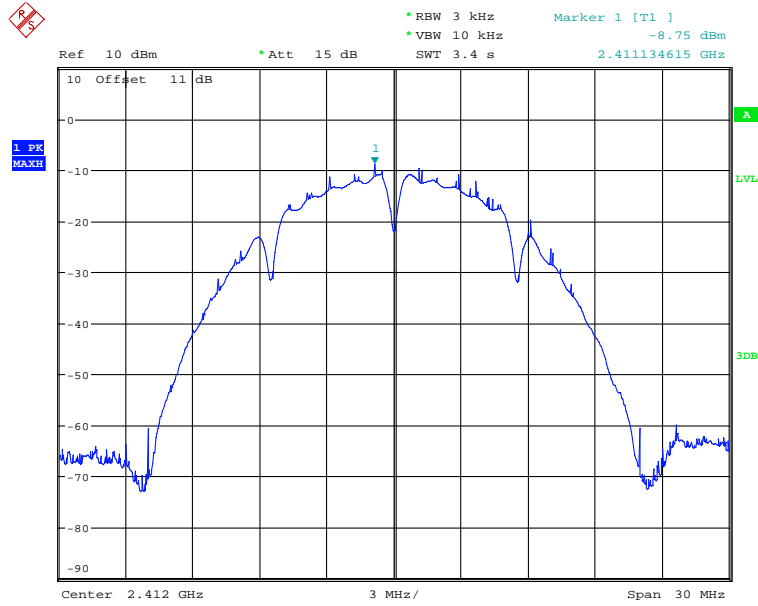


POWER DENSITY 802.11N 40MHZ CH7  
Date: 15.OCT.2019 20:04:20

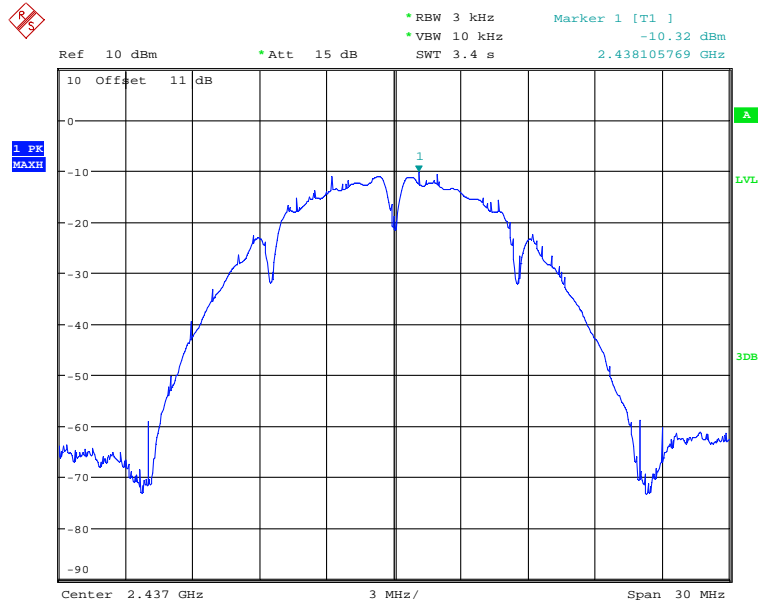


Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

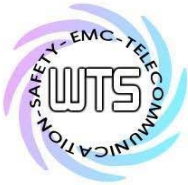
## ANT4



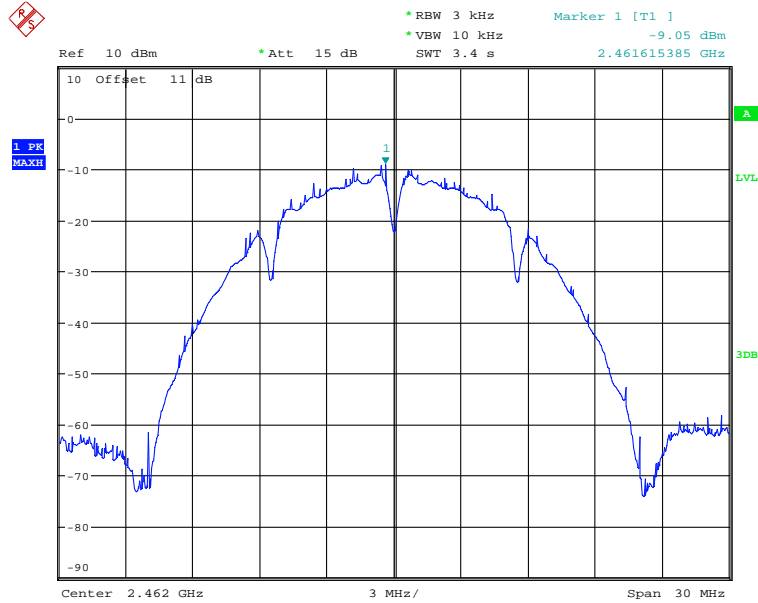
POWER DENSITY 802.11B CH01  
Date: 15.OCT.2019 20:10:51



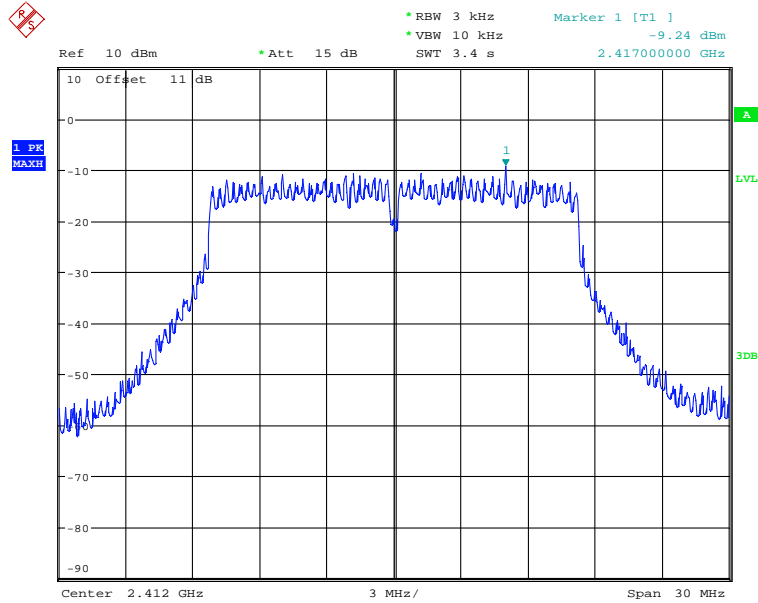
POWER DENSITY 802.11B CH06  
Date: 15.OCT.2019 20:12:44



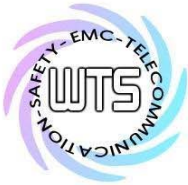
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



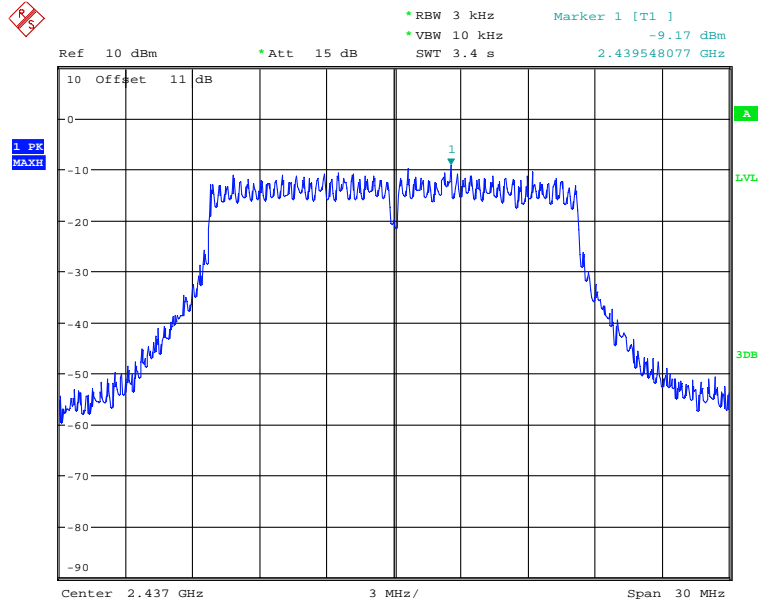
POWER DENSITY 802.11B CH11  
Date: 15.OCT.2019 20:14:07



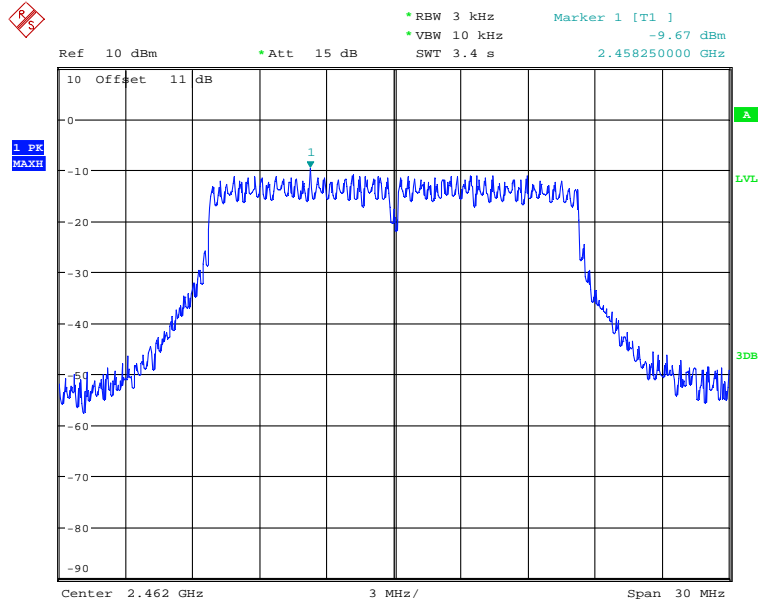
POWER DENSITY 802.11G CH01  
Date: 15.OCT.2019 20:14:55



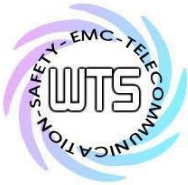
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



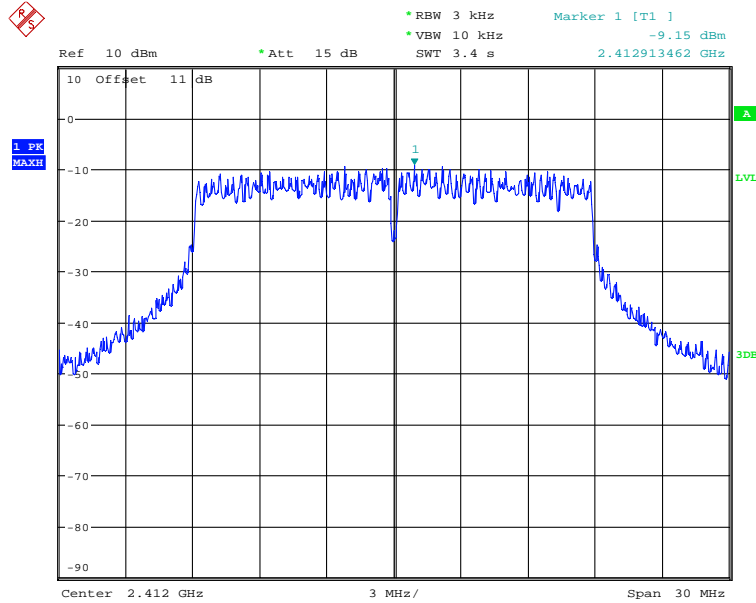
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Date: 15.OCT.2019 20:15:37



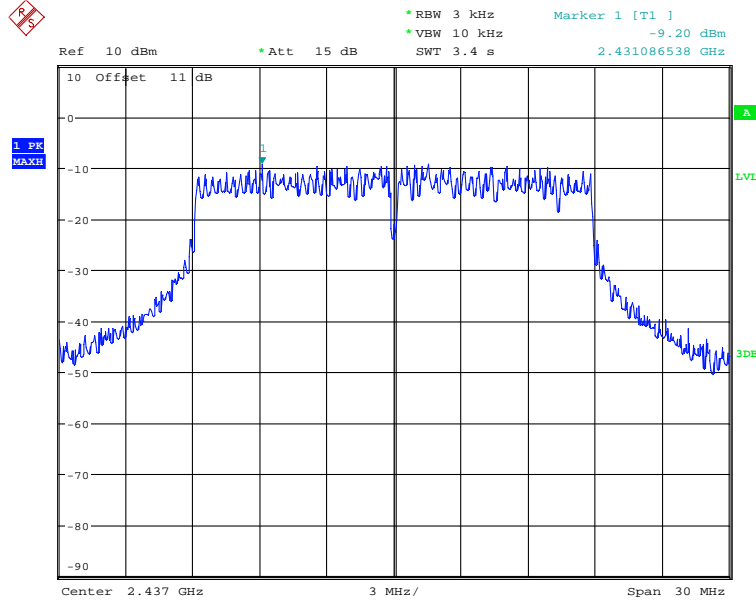
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Date: 15.OCT.2019 20:16:14



Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



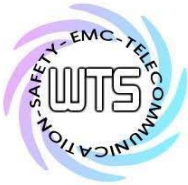
POWER DENSITY 802.11N 20MHZ CH1  
Date: 15.OCT.2019 20:17:44



POWER DENSITY 802.11N 20MHZ CH6  
Date: 15.OCT.2019 20:20:02

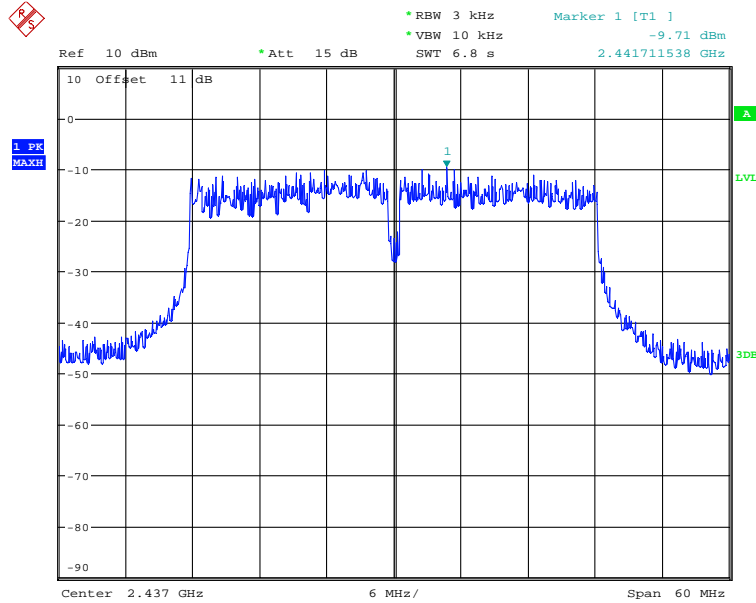




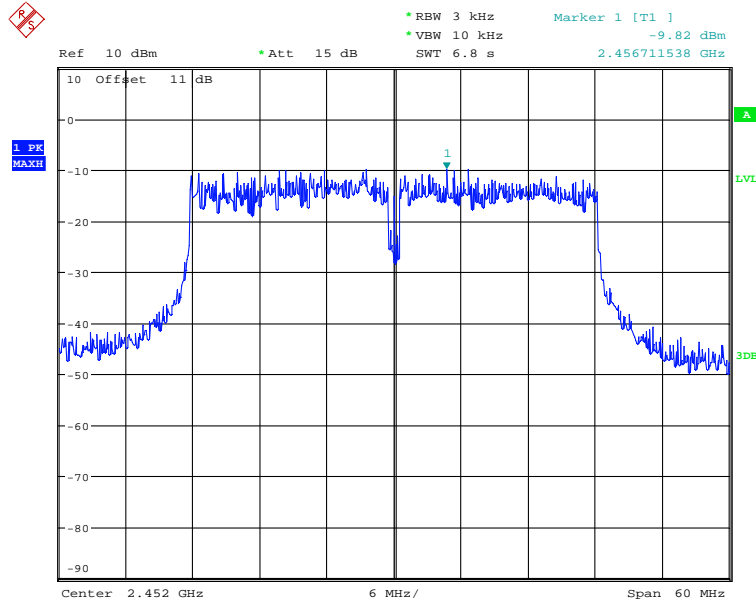


# Worldwide Testing Services(Taiwan) Co., Ltd.

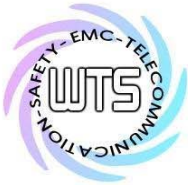
Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS



POWER DENSITY 802.11N 40MHZ CH4  
Date: 15.OCT.2019 20:22:51



POWER DENSITY 802.11N 40MHZ CH7  
Date: 15.OCT.2019 20:23:39



# Worldwide Testing Services(Taiwan) Co., Ltd.

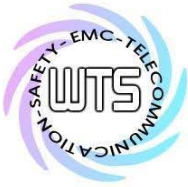
Registration number: W6R22110-21274-C-1  
 FCC ID: W23-WMXWAVE2AS

ANT 1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.18	0.17	0.14	-7.50	-7.59	-8.66
802.11n 40MHz	0.11	0.10	0.10	-9.76	-9.93	-10.15
ANT 2	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.13	0.13	0.14	-8.74	-8.96	-8.59
802.11n 40MHz	0.11	0.11	0.12	-9.55	-9.71	-9.39
ANT 3	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.11	0.13	0.13	-9.65	-8.98	-8.81
802.11n 40MHz	0.12	0.11	0.11	-9.32	-9.78	-9.74
ANT 4	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.12	0.12	0.13	-9.15	-9.20	-9.00
802.11n 40MHz	0.10	0.11	0.10	-10.00	-9.71	-9.82
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.54	0.55	0.53	-2.66	-2.62	-2.74
802.11n 40MHz	0.43	0.42	0.42	-3.63	-3.76	-3.75

**Limits:**

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

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



Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

**3.9 Radiated Emission from Digital Part**

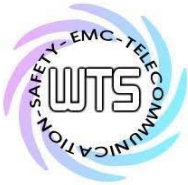
FCC Rule: 15.109

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

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

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

Explanation: The test results are listed in the separated test report no.: W6R22110-21274-P-15B.

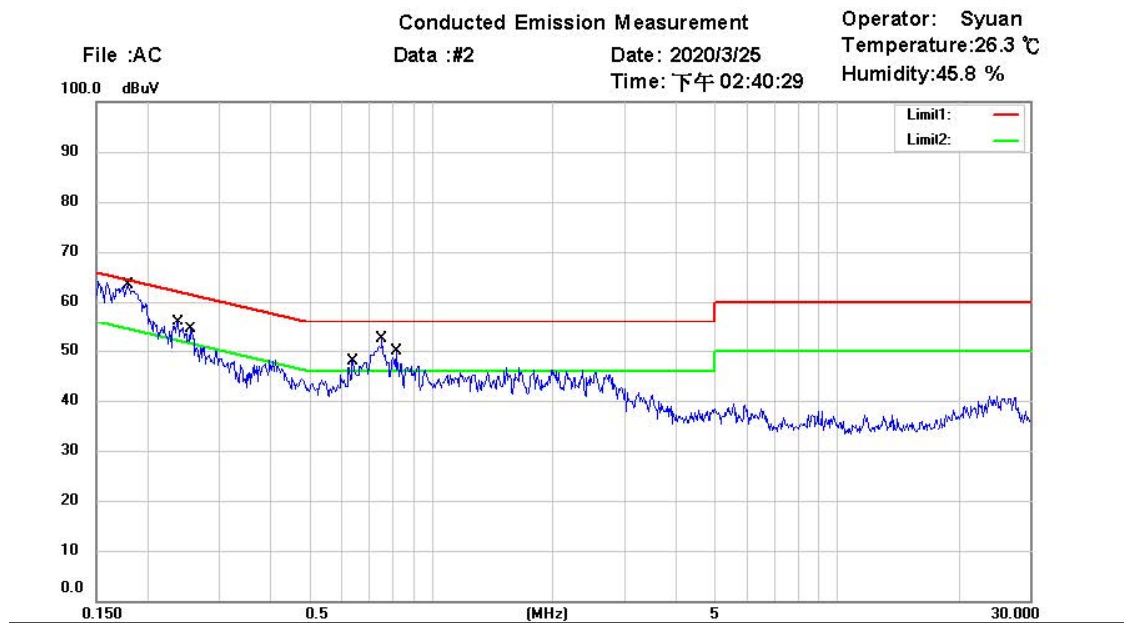


Registration number: W6R22110-21274-C-1  
 FCC ID: W23-WMXWAVE2AS

### 3.10 Power Line Conducted Emission

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

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



Site : Chamber\_03  
 Condition : FCC Part 15 Class B Conduction (QP)      Phase : N  
 EUT : W6R22002-19655      Power : 120 Va.c.  
 M/N:  
 Test Mode :  
 Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1788	41.52	QP	9.74	51.26	64.54	-13.28	
	0.1788	25.23	AVG	9.74	34.97	54.54	-19.57	
	0.2370	35.44	QP	9.72	45.16	62.20	-17.04	
	0.2370	17.49	AVG	9.72	27.21	52.20	-24.99	
	0.2545	32.41	QP	9.72	42.13	61.61	-19.48	
	0.2545	16.64	AVG	9.72	26.36	51.61	-25.25	
	0.6378	28.62	QP	9.67	38.29	56.00	-17.71	
	0.6378	19.17	AVG	9.67	28.84	46.00	-17.16	
*	0.7543	38.92	QP	9.65	48.57	56.00	-7.43	
	0.7543	26.17	AVG	9.65	35.82	46.00	-10.18	
	0.8167	30.82	QP	9.65	40.47	56.00	-15.53	
	0.8167	20.11	AVG	9.65	29.76	46.00	-16.24	



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
 FCC ID: W23-WMXWAVE2AS

Conducted Emission Measurement

Operator: Syuan  
 Temperature: 26.3 °C  
 Humidity: 45.8 %



Site : Chamber\_03

Condition : FCC Part 15 Class B Conduction (QP)

Phase: L1

EUT : W6R22002-19655

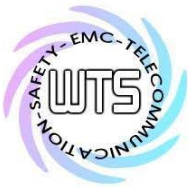
Power : 120 V.a.c.

M/N:

Test Mode :

Note :

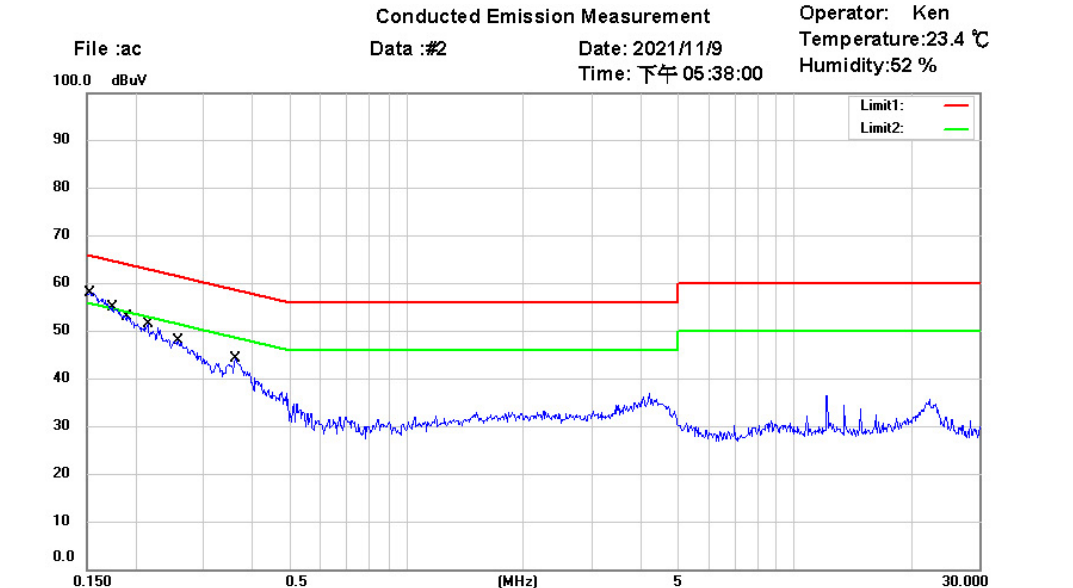
Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1771	43.18	QP	9.76	52.94	64.62	-11.68	
	0.1771	23.53	AVG	9.76	33.29	54.62	-21.33	
	0.1931	41.30	QP	9.75	51.05	63.90	-12.85	
	0.1931	20.60	AVG	9.75	30.35	53.90	-23.55	
	0.2426	35.22	QP	9.74	44.96	62.01	-17.05	
	0.2426	15.83	AVG	9.74	25.57	52.01	-26.44	
	0.6613	29.13	QP	9.68	38.81	56.00	-17.19	
	0.6613	19.65	AVG	9.68	29.33	46.00	-16.67	
*	0.7442	35.86	QP	9.68	45.54	56.00	-10.46	
	0.7442	25.84	AVG	9.68	35.52	46.00	-10.48	
	0.8934	28.26	QP	9.66	37.92	56.00	-18.08	
	0.8934	15.42	AVG	9.66	25.08	46.00	-20.92	



# Worldwide Testing Services(Taiwan) Co., Ltd.

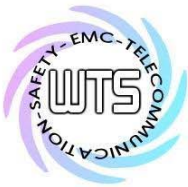
Registration number: W6R22110-21274-C-1  
 FCC ID: W23-WMXWAVE2AS

Add heat sink



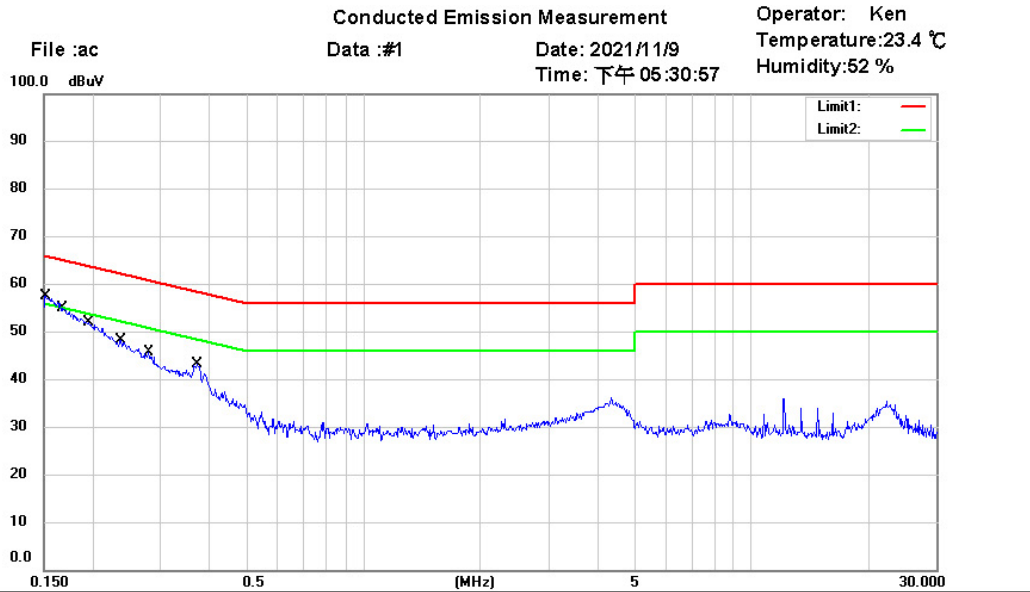
Site : Chamber\_03  
 Condition : FCC Part 15 Class B Conduction (QP)      Phase: N  
 EUT : W6R22110-21274      Power : 120 V.a.c.  
 M/N:  
 Test Mode :  
 Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1522	35.31	QP	9.68	44.99	65.88	-20.89	
	0.1522	24.27	AVG	9.68	33.95	55.88	-21.93	
	0.1735	32.43	QP	9.68	42.11	64.79	-22.68	
	0.1735	17.39	AVG	9.68	27.07	54.79	-27.72	
	0.1906	30.19	QP	9.67	39.86	64.01	-24.15	
	0.1906	14.27	AVG	9.67	23.94	54.01	-30.07	
	0.2144	28.02	QP	9.66	37.68	63.03	-25.35	
	0.2144	13.13	AVG	9.66	22.79	53.03	-30.24	
	0.2575	26.27	QP	9.62	35.89	61.51	-25.62	
*	0.2575	21.05	AVG	9.62	30.67	51.51	-20.84	
	0.3631	27.97	QP	9.53	37.50	58.66	-21.16	
	0.3631	17.51	AVG	9.53	27.04	48.66	-21.62	



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6R22110-21274-C-1  
 FCC ID: W23-WMXWAVE2AS



Site : Chamber\_03  
 Condition : FCC Part 15 Class B Conduction (QP) Phase : L1  
 EUT : W6R22110-21274 Power : 120 V.a.c.  
 M/N:  
 Test Mode :  
 Note :

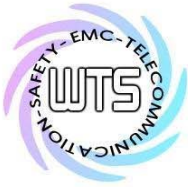
Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1508	35.45	QP	9.69	45.14	65.96	-20.82	
	0.1508	22.79	AVG	9.69	32.48	55.96	-23.48	
	0.1677	33.35	QP	9.69	43.04	65.07	-22.03	
	0.1677	18.17	AVG	9.69	27.86	55.07	-27.21	
	0.1960	29.86	QP	9.68	39.54	63.78	-24.24	
	0.1960	13.60	AVG	9.68	23.28	53.78	-30.50	
	0.2354	26.15	QP	9.65	35.80	62.26	-26.46	
	0.2354	14.76	AVG	9.65	24.41	52.26	-27.85	
	0.2797	24.47	QP	9.61	34.08	60.82	-26.74	
	0.2797	18.36	AVG	9.61	27.97	50.82	-22.85	
	0.3720	26.96	QP	9.53	36.49	58.46	-21.97	
*	0.3720	23.57	AVG	9.53	33.10	48.46	-15.36	

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

**Limits:**

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi Peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

Test equipment used: ETSTW-CE 001, ETSTW-CE 016, ETSTW-RE 045.



Registration number: W6R22110-21274-C-1  
FCC ID: W23-WMXWAVE2AS

## **Appendix**

### **Measurement diagrams**

Spurious Emissions radiated





Radiated Emission Measurement

Operator: Allen

File :1\_WiFi 2

Data :#1

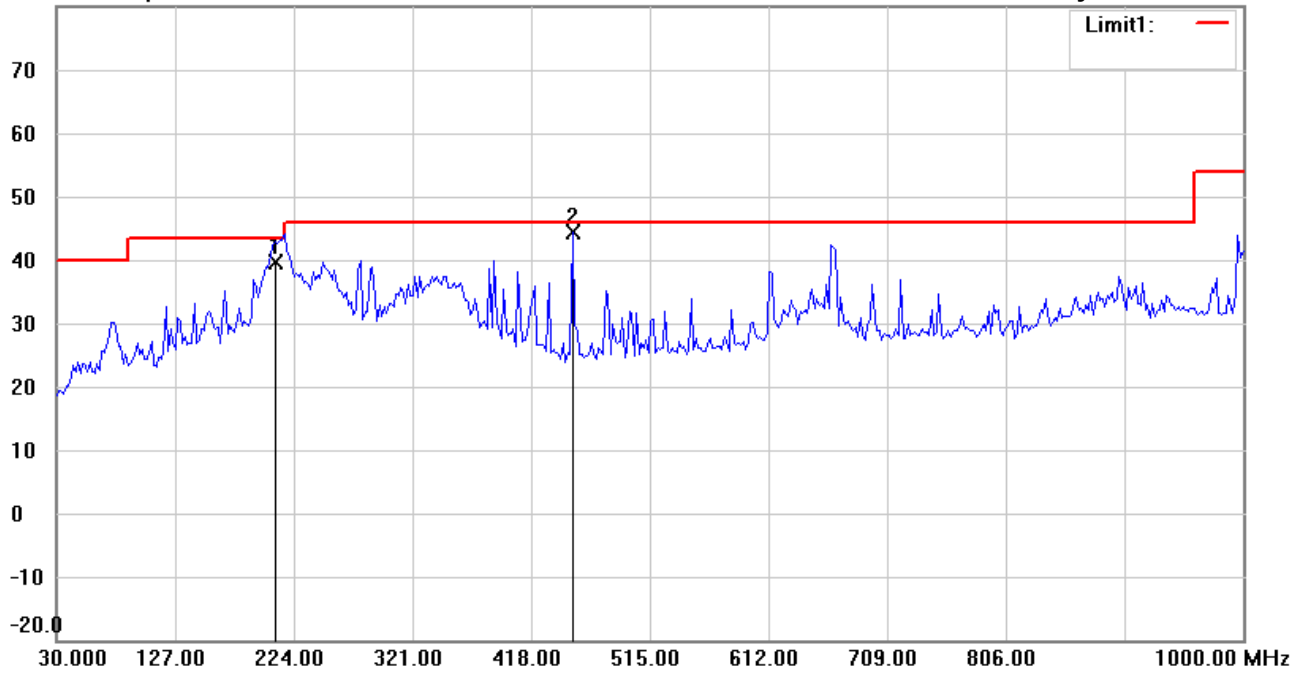
Date: 3/5/2020

Temperature:22.8 °C

80.0 dBuV/m

Time: 5:05:09 AM

Humidity:56.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	208.8377	50.45	QP	-10.79	39.66	43.50	100	135	-3.84	
*	451.8236	47.97	QP	-3.51	44.46	46.00	100	95	-1.54	



Radiated Emission Measurement

Operator: Allen

File :1\_WiFi 2

Data :#2

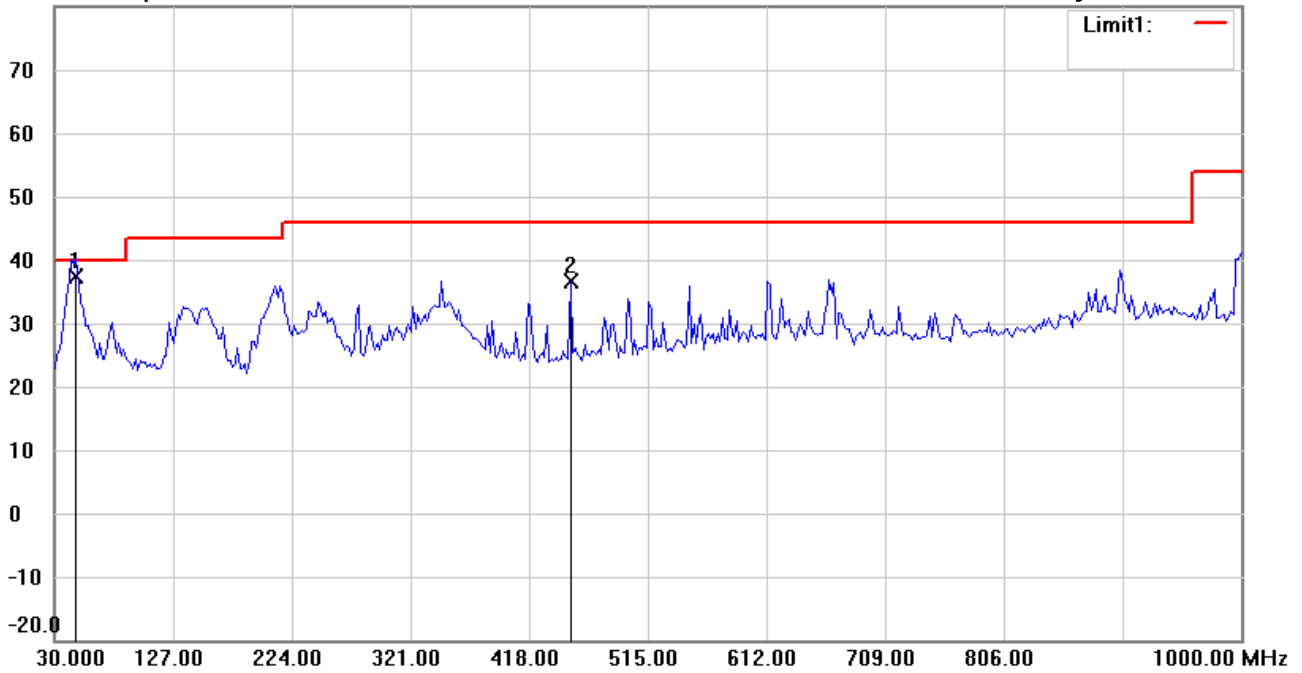
Date: 3/5/2020

Temperature:22.8 °C

80.0 dBuV/m

Time: 5:06:09 AM

Humidity:56.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	47.29	QP	-9.91	37.38	40.00	100	85	-2.62	
	451.8236	40.20	peak	-3.51	36.69	46.00	100	230	-9.31	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

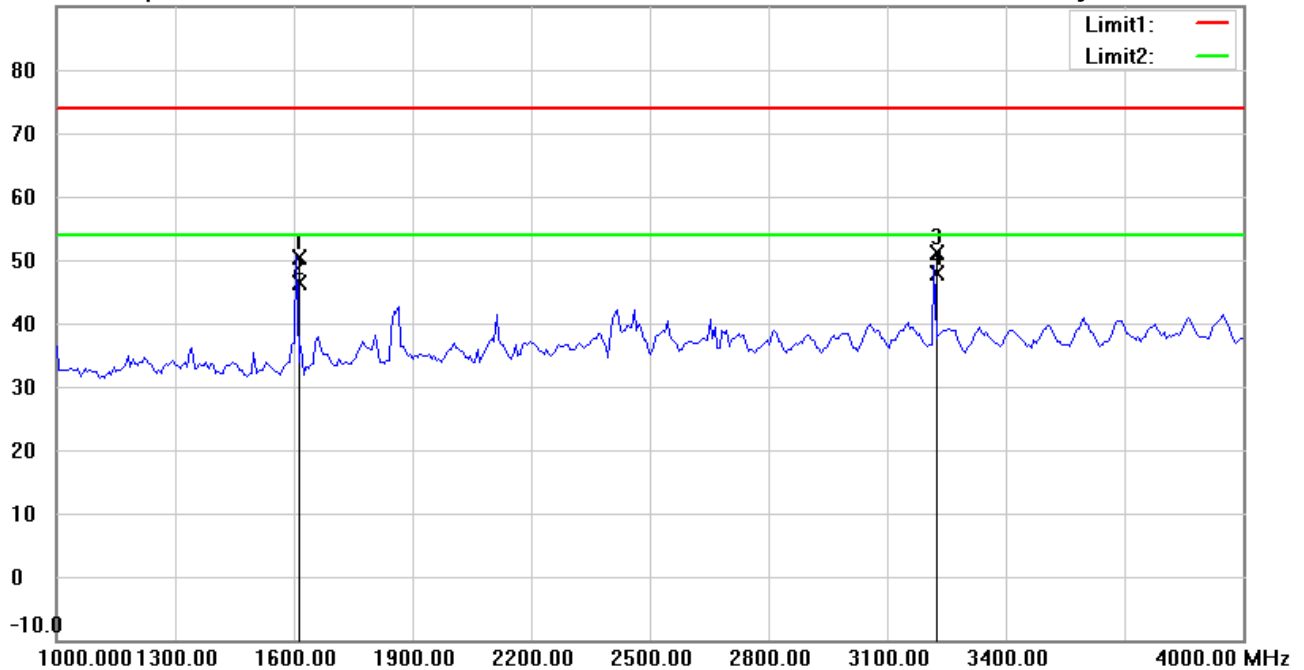
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:35:34 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	1608.083	60.24	peak	-9.98	50.26	74.00	150	83	-23.74	
	1608.083	56.31	AVG	-9.98	46.33	54.00	150	83	-7.67	
	3218.437	54.76	peak	-3.56	51.20	74.00	151	217	-22.80	
*	3218.437	51.38	AVG	-3.56	47.82	54.00	151	217	-6.18	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

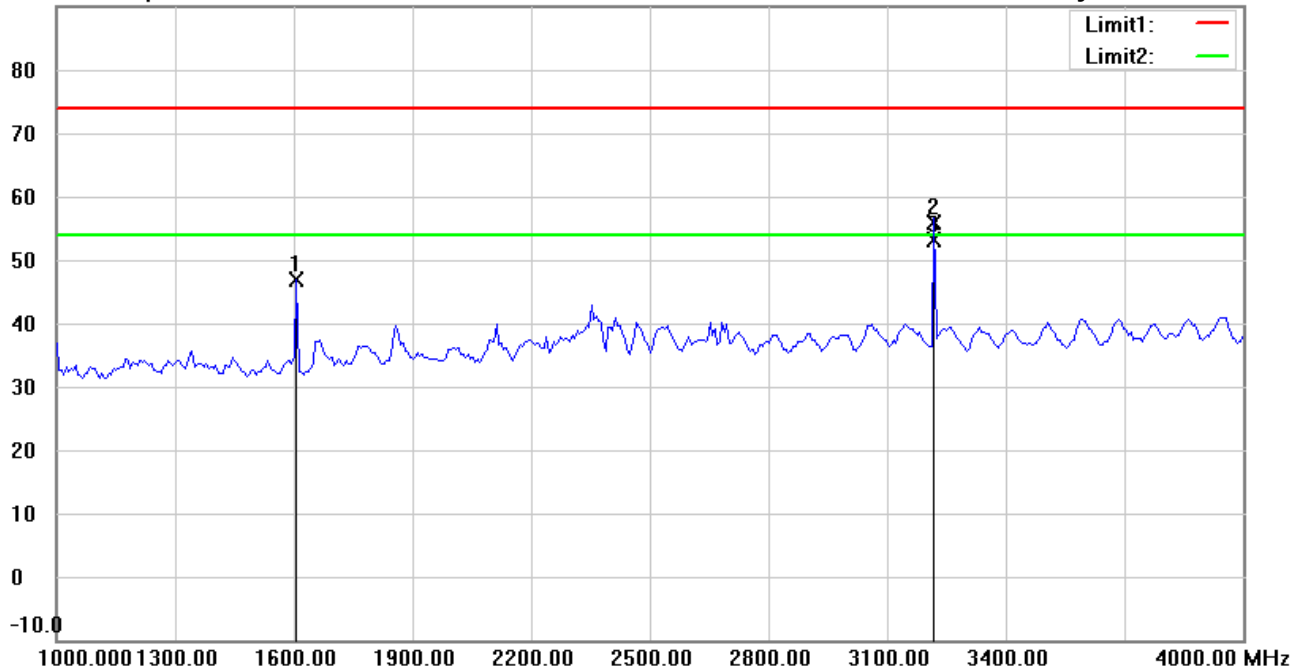
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:39:04 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1607.214	56.83	peak	-9.99	46.84	74.00	150	235	-27.16	
	3216.060	59.45	peak	-3.55	55.90	74.00	200	280	-18.10	
*	3216.060	56.62	AVG	-3.55	53.07	54.00	200	280	-0.93	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

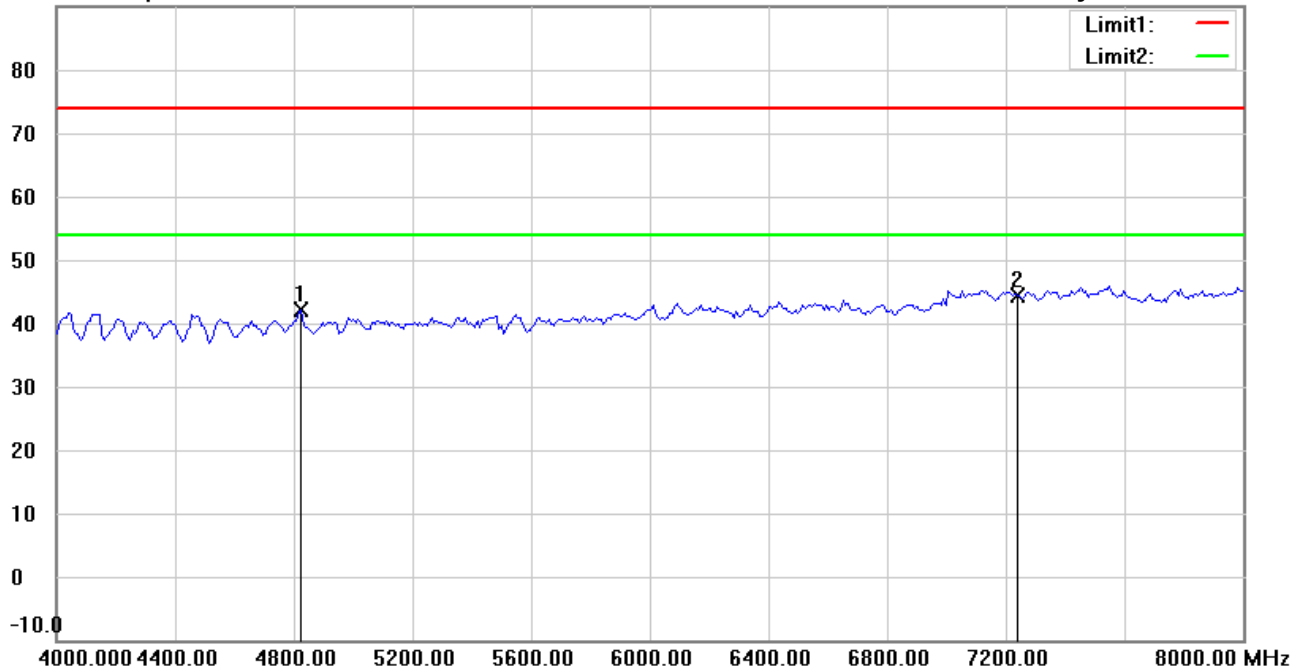
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:36:34 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	4825.651	44.05	peak	-1.87	42.18	74.00	150	95	-31.82	
*	7236.000	41.01	peak	3.28	44.29	74.00	150	236	-29.71	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

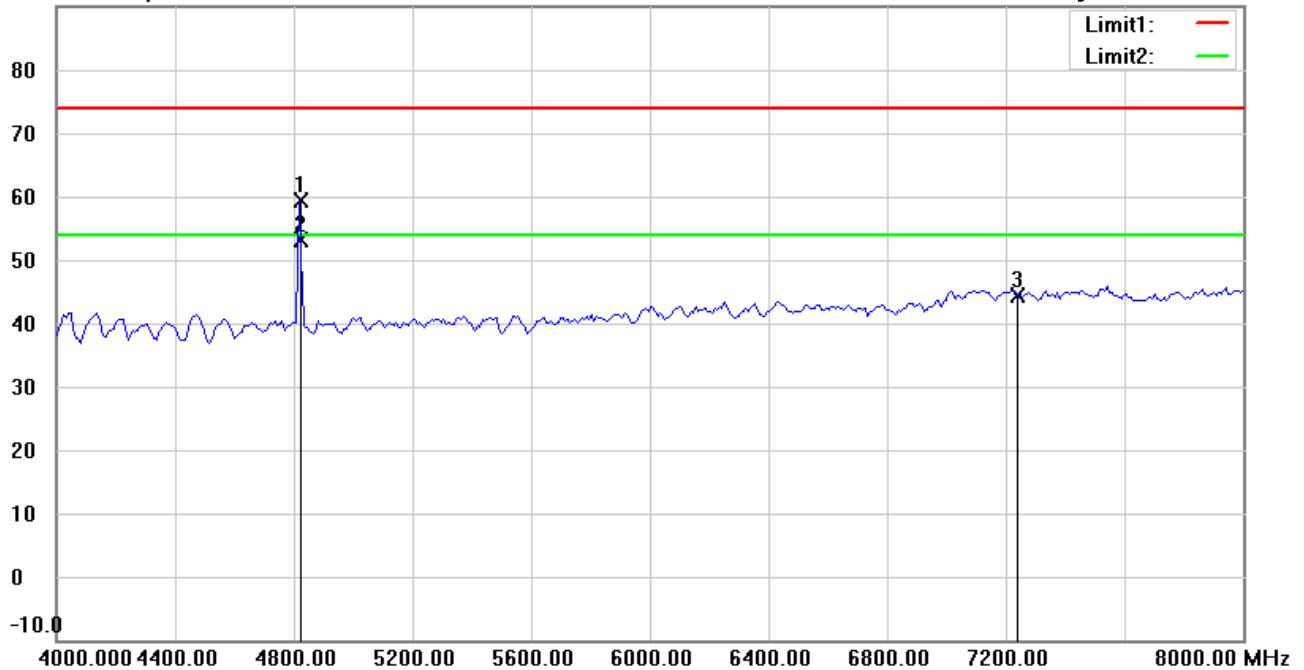
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:40:05 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.053	61.16	peak	-1.88	59.28	74.00	150	185	-14.72	
*	4824.053	54.98	AVG	-1.88	53.10	54.00	150	185	-0.90	
	7236.000	41.15	peak	3.28	44.43	74.00	150	243	-29.57	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

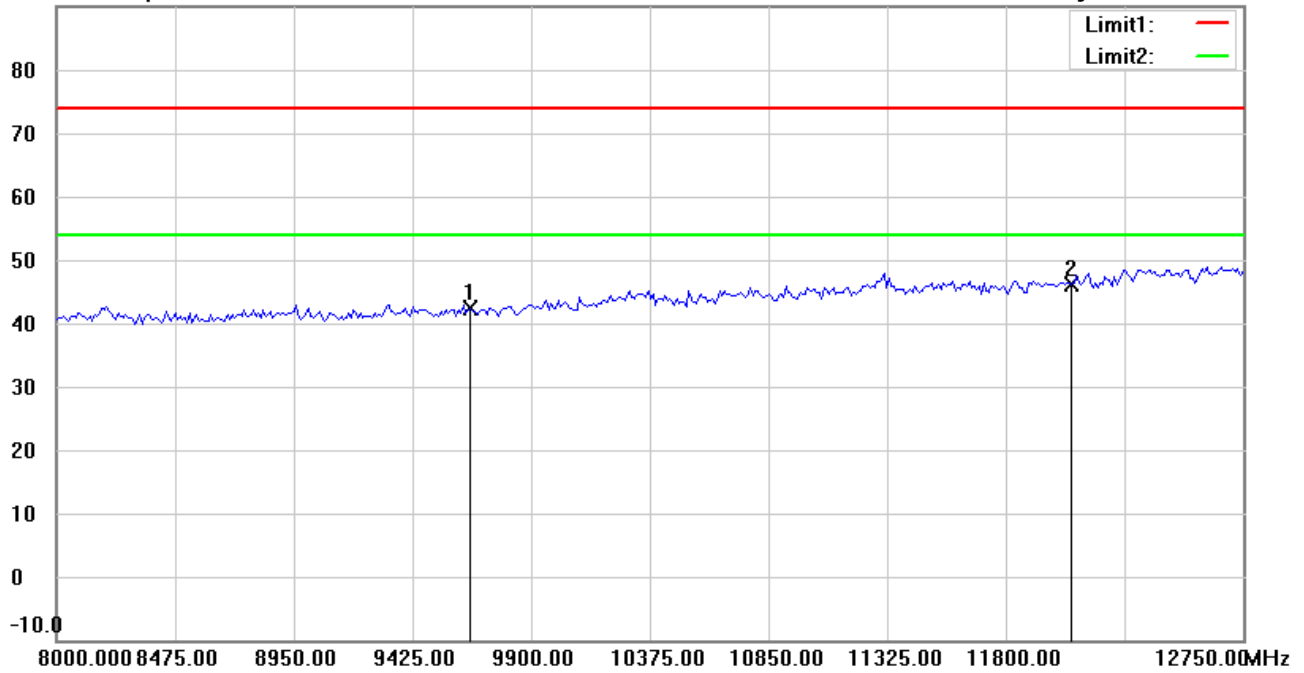
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:37:40 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Horizontal**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.78	peak	6.60	42.38	74.00	150	27	-31.62	
*	12060.000	33.94	peak	12.21	46.15	74.00	150	158	-27.85	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

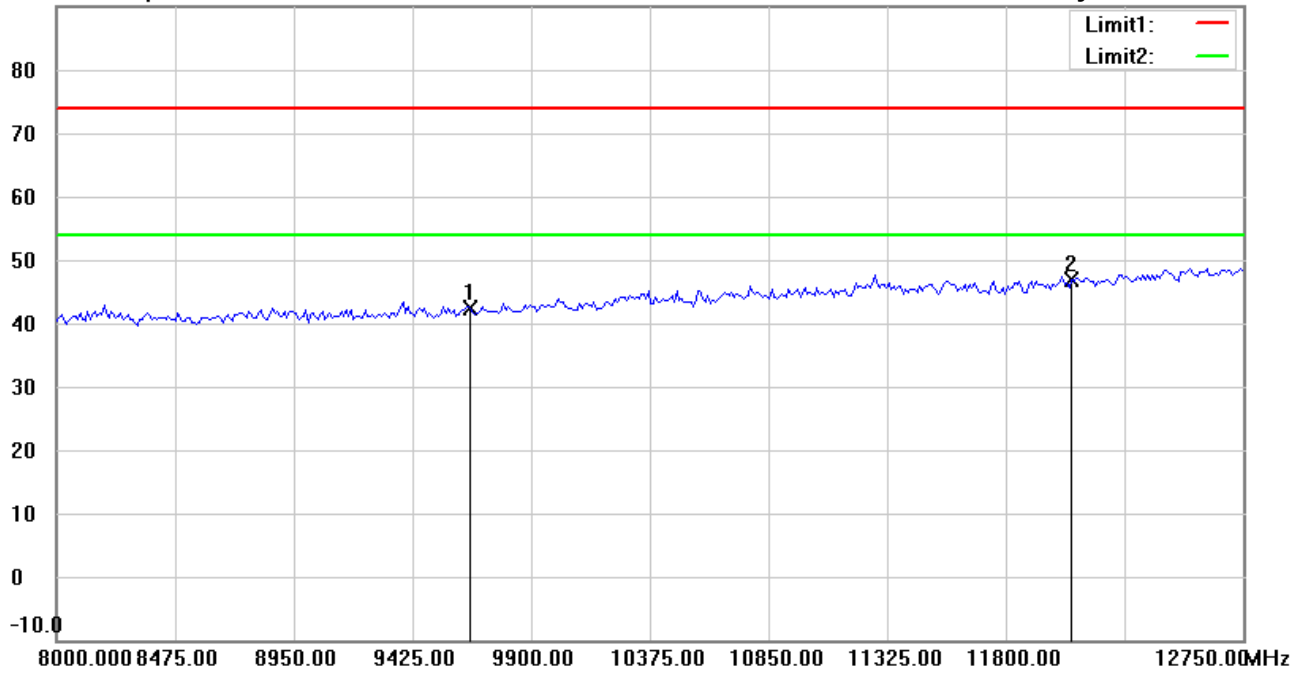
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:41:04 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.69	peak	6.60	42.29	74.00	150	271	-31.71	
*	12060.000	34.57	peak	12.21	46.78	74.00	150	96	-27.22	

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





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

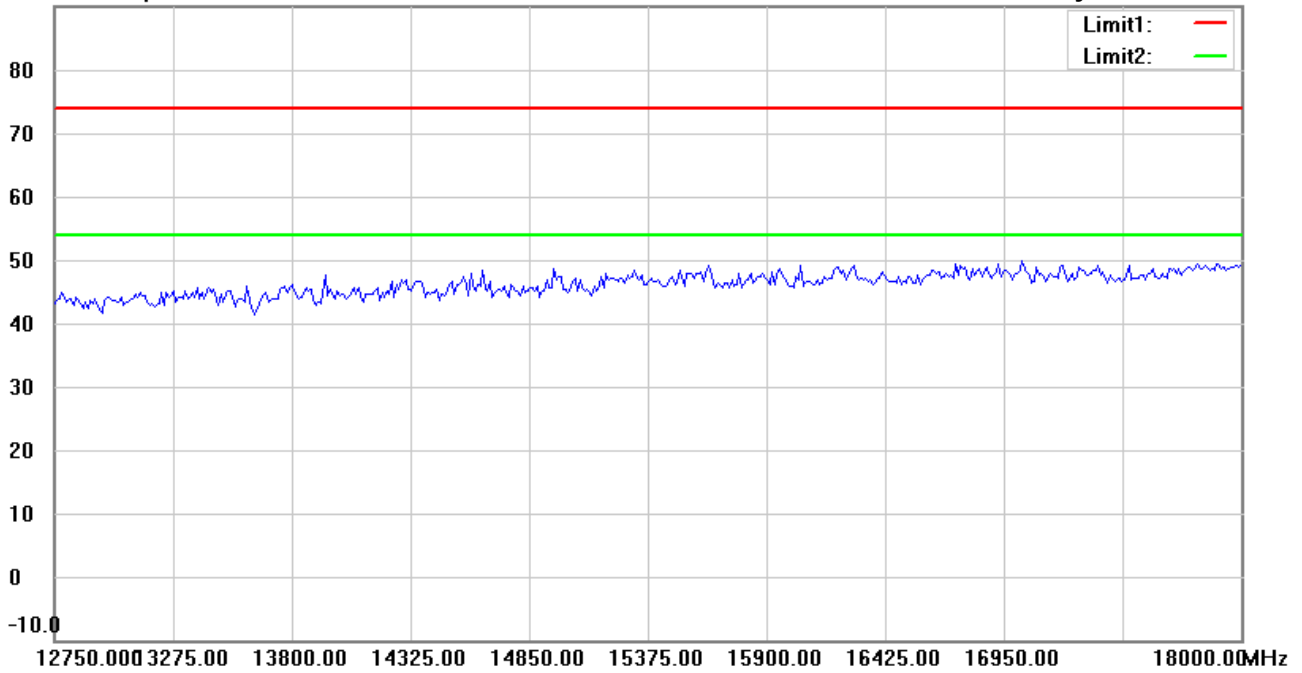
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:37:54 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

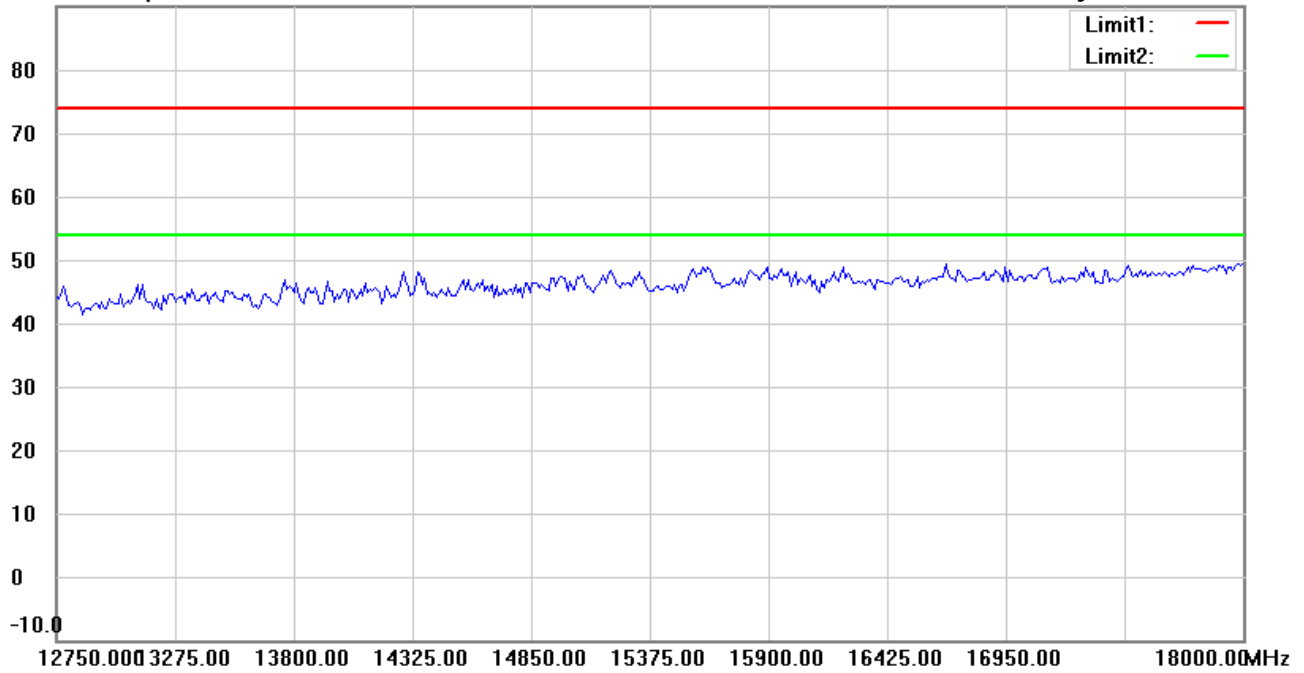
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:41:18 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

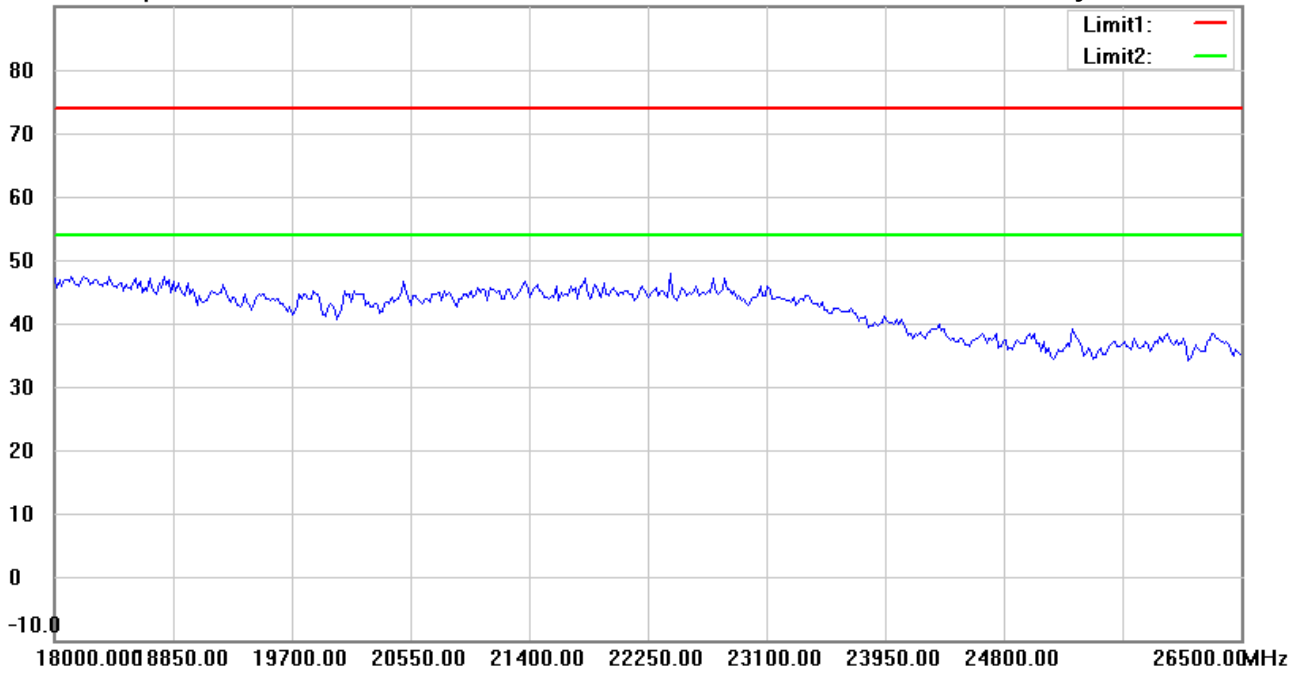
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:38:04 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

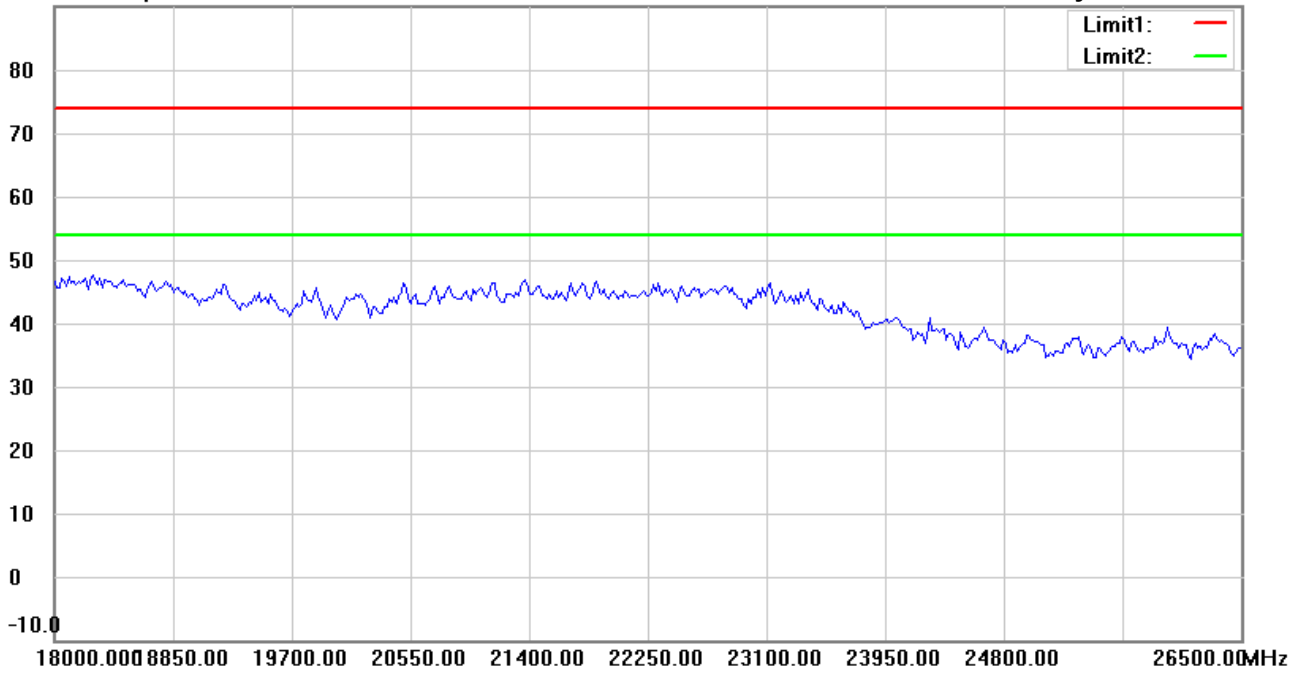
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:41:28 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

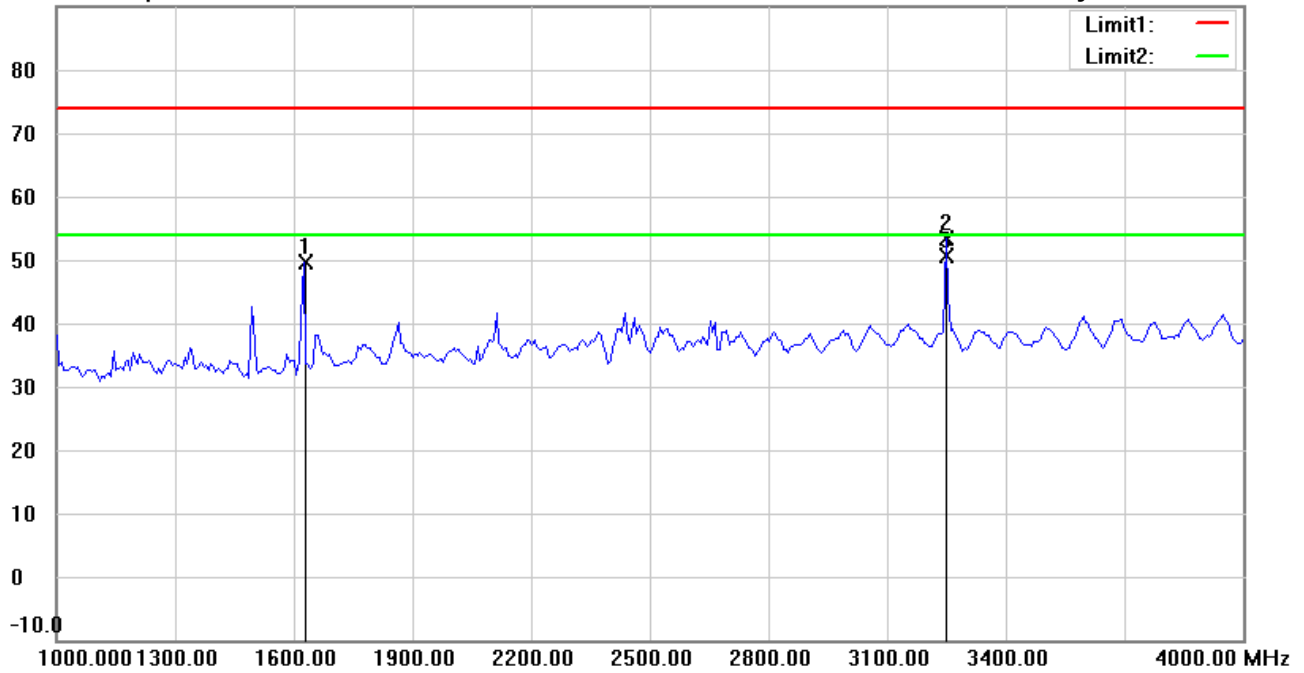
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:22:37 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	1625.251	59.33	peak	-9.73	49.60	74.00	150	237	-24.40	
	3248.497	57.07	peak	-3.66	53.41	74.00	150	191	-20.59	
*	3248.497	54.32	AVG	-3.66	50.66	54.00	150	191	-3.34	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

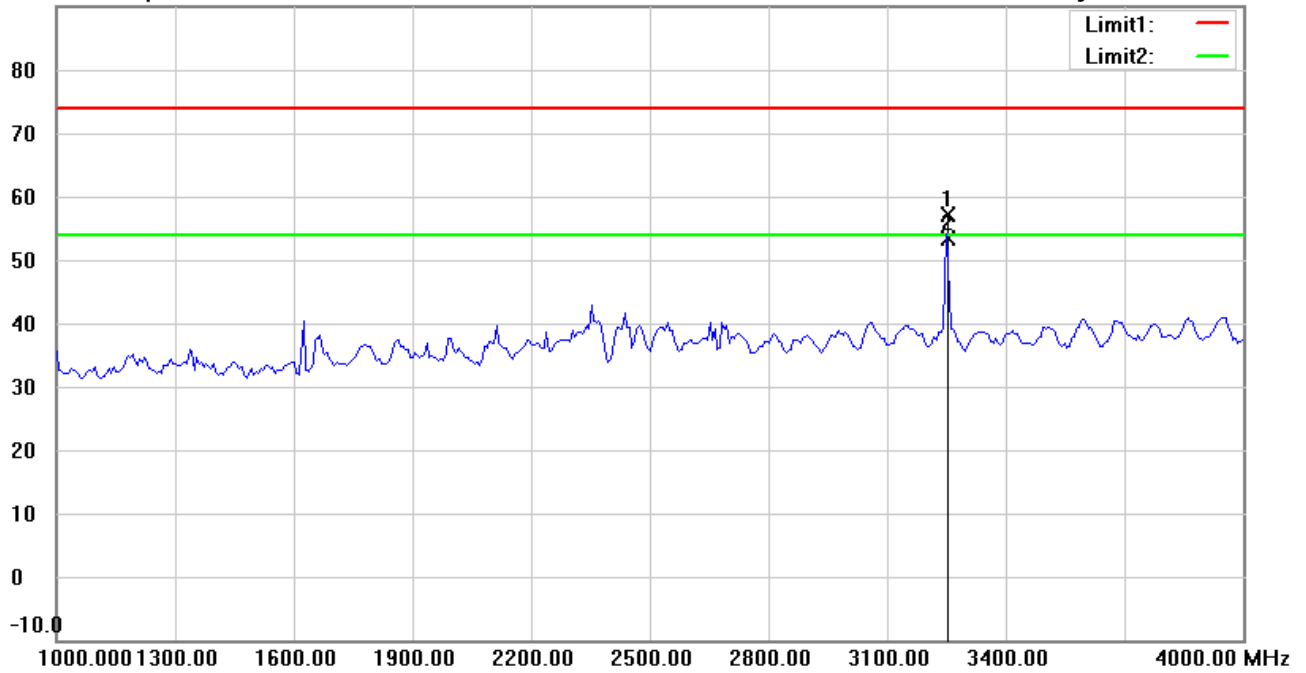
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:26:08 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	3249.381	60.81	peak	-3.67	57.14	74.00	153	298	-16.86	
*	3249.381	56.97	AVG	-3.67	53.30	54.00	153	298	-0.70	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

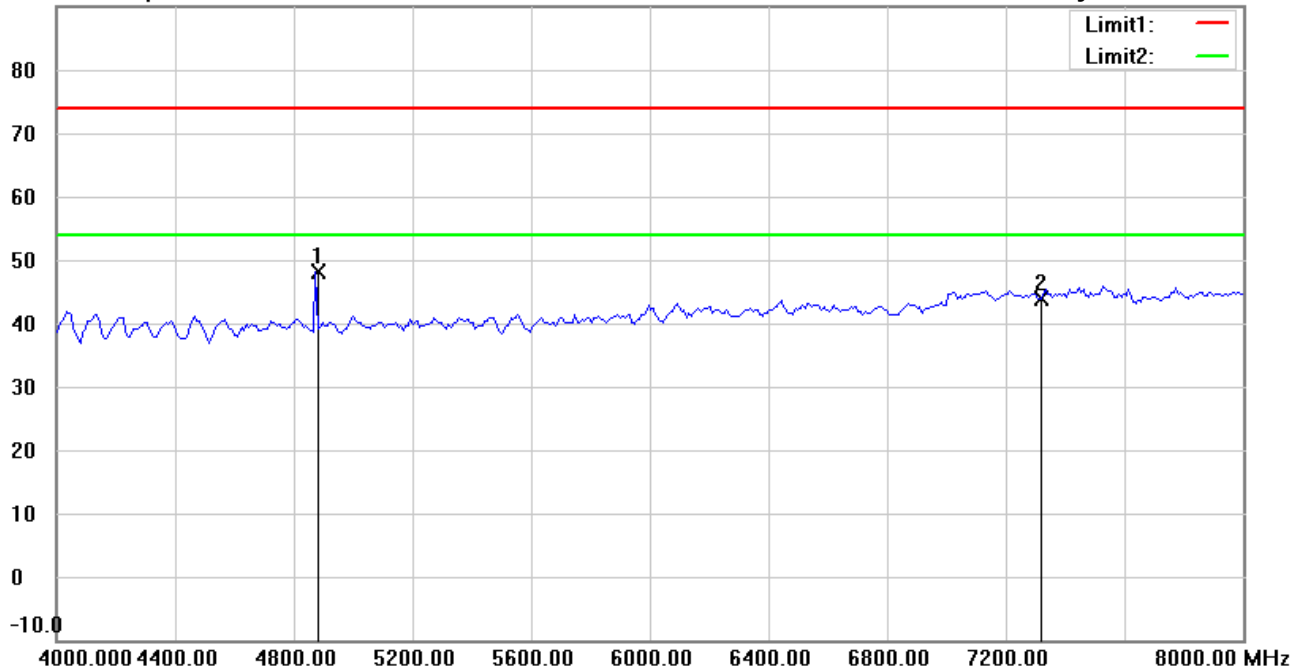
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:23:38 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	49.90	peak	-1.70	48.20	74.00	150	169	-25.80	
	7311.000	40.41	peak	3.42	43.83	74.00	150	275	-30.17	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

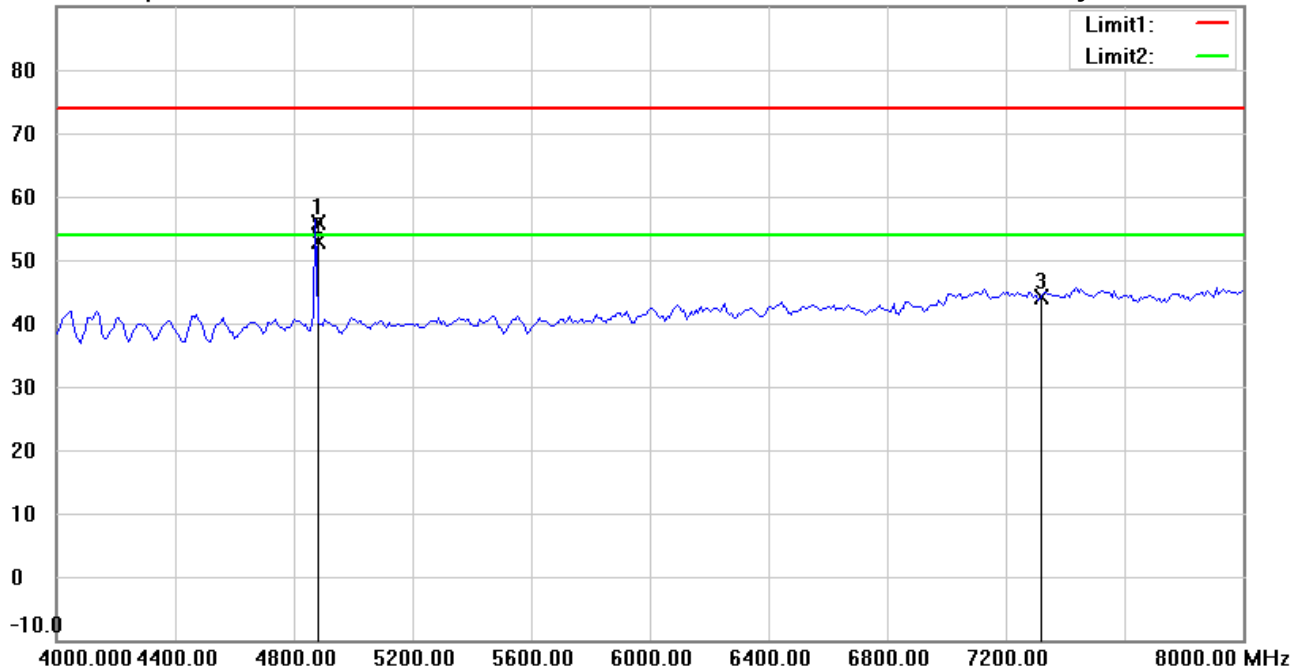
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:27:09 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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
	4874.026	57.65	peak	-1.70	55.95	74.00	213	187	-18.05	
*	4874.026	54.69	AVG	-1.70	52.99	54.00	213	187	-1.01	
	7311.000	40.62	peak	3.42	44.04	74.00	150	62	-29.96	





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

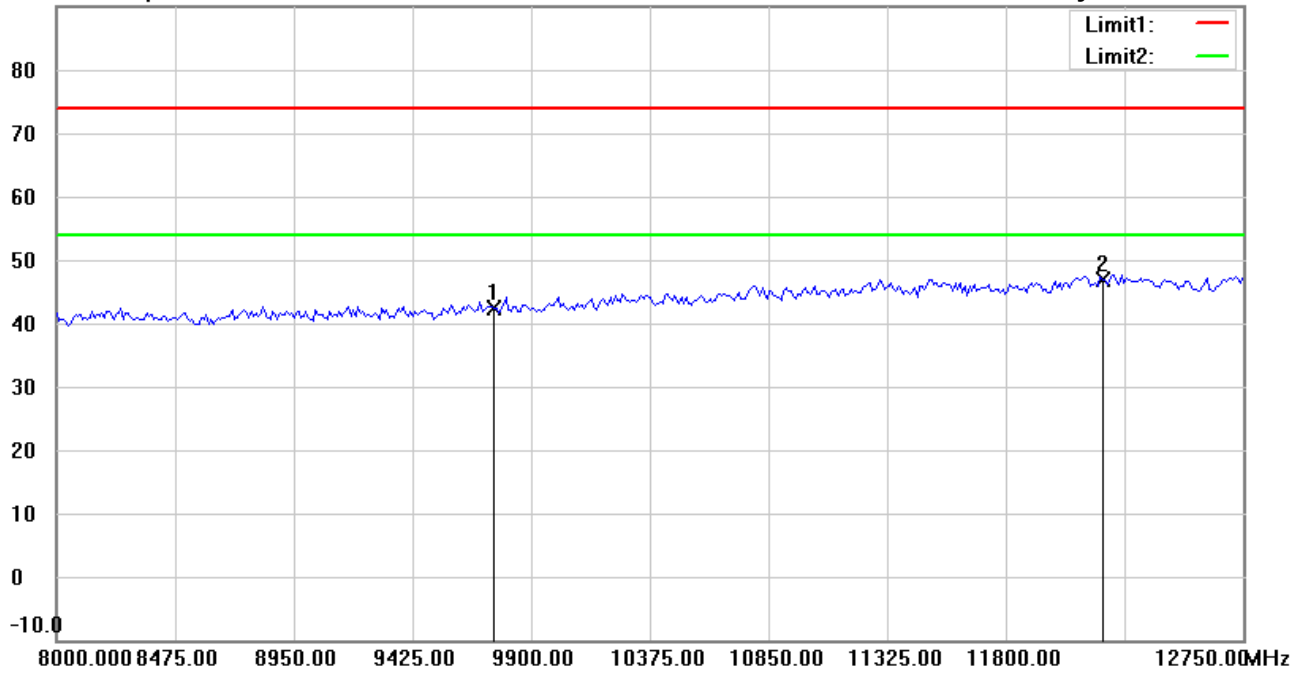
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:24:44 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Horizontal**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.57	peak	6.75	42.32	74.00	150	217	-31.68	
*	12185.000	34.02	peak	12.83	46.85	74.00	150	54	-27.15	

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



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

Operator: Leon

File :3

Data :#8

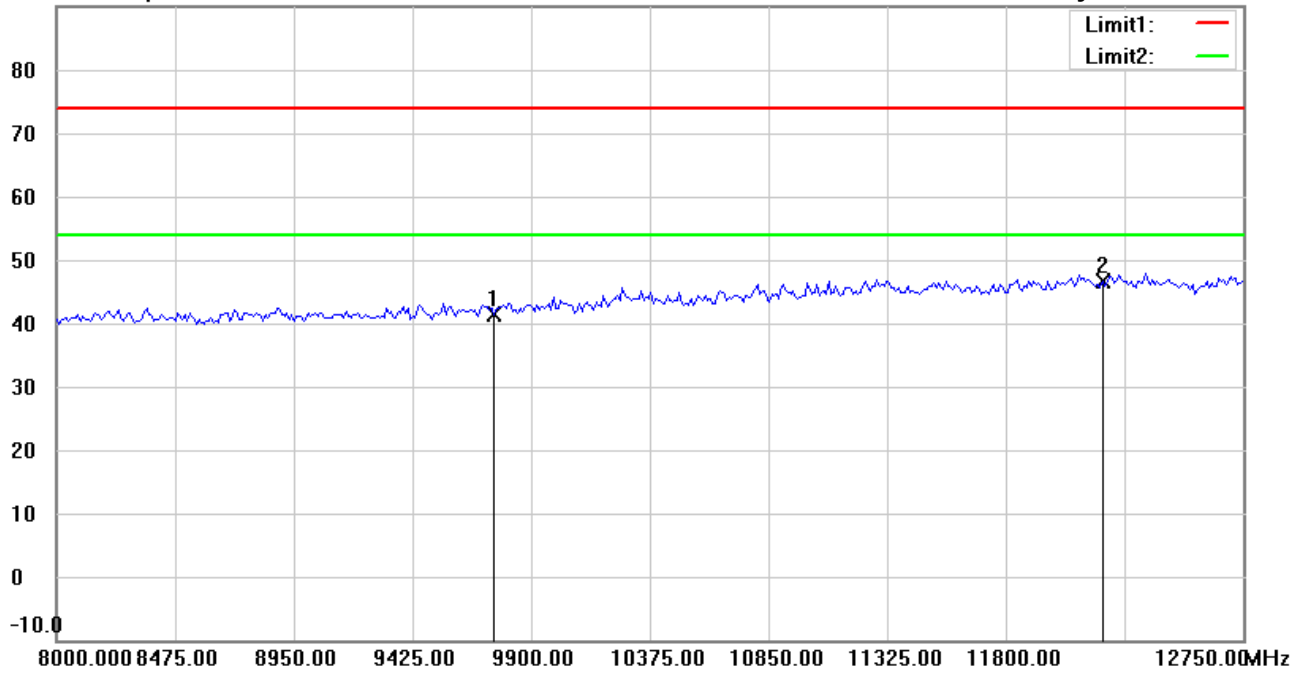
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:28:08 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	34.64	peak	6.75	41.39	74.00	150	57	-32.61	
*	12185.000	33.68	peak	12.83	46.51	74.00	150	269	-27.49	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

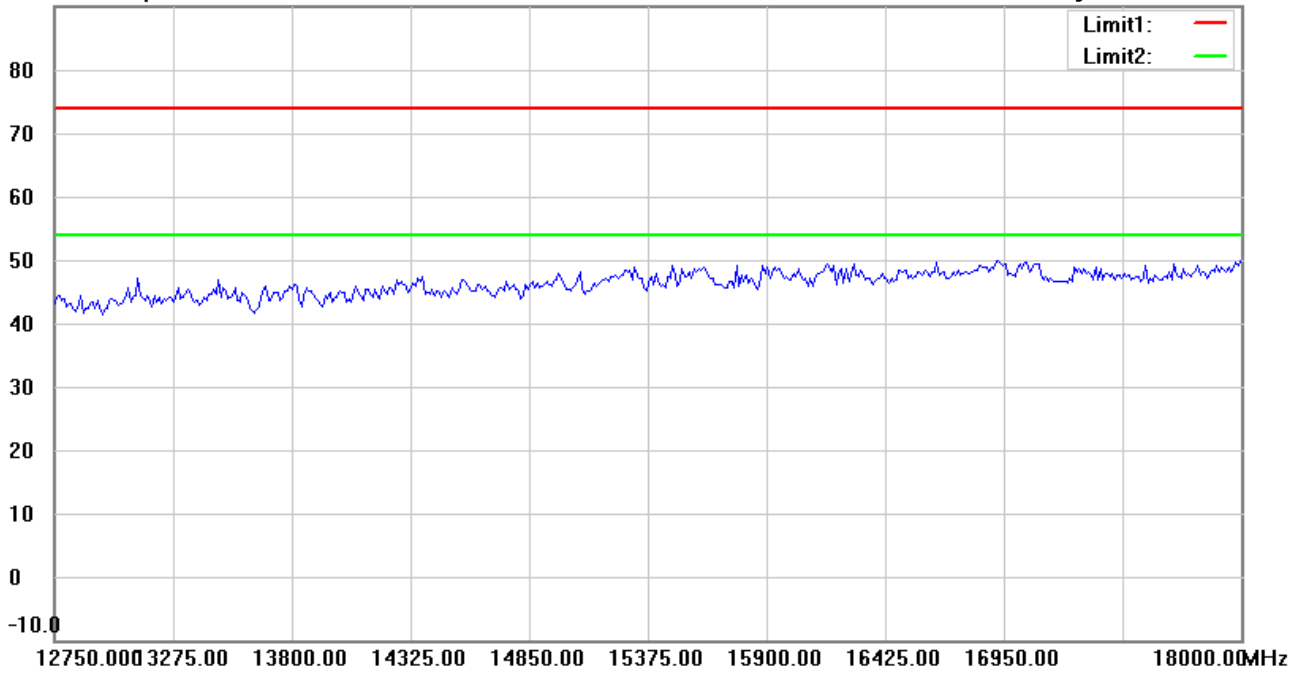
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:24:58 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

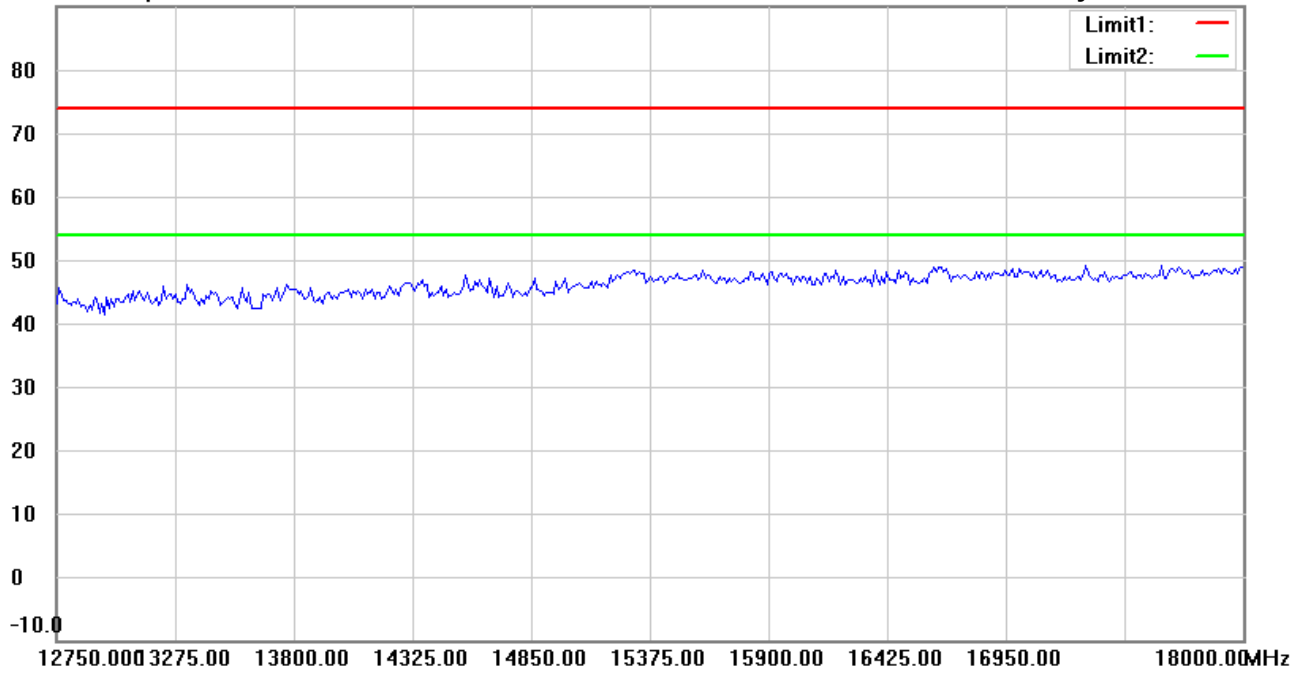
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:28:22 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

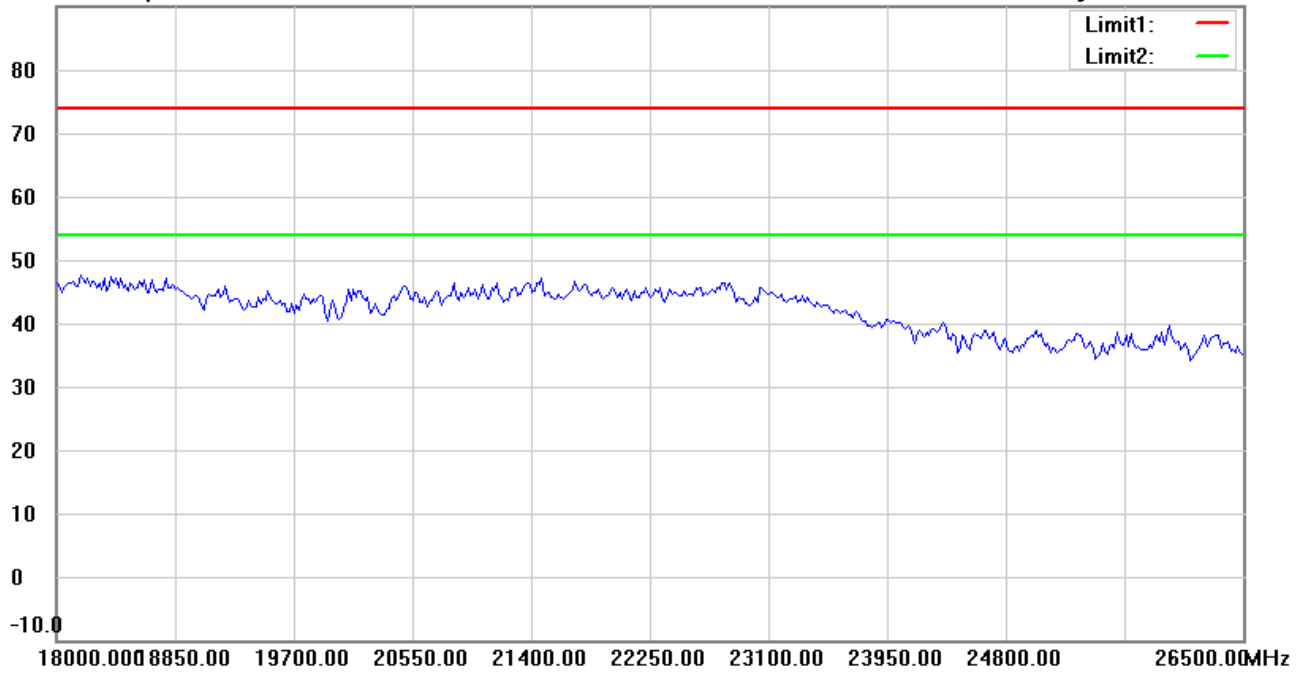
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:25:08 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

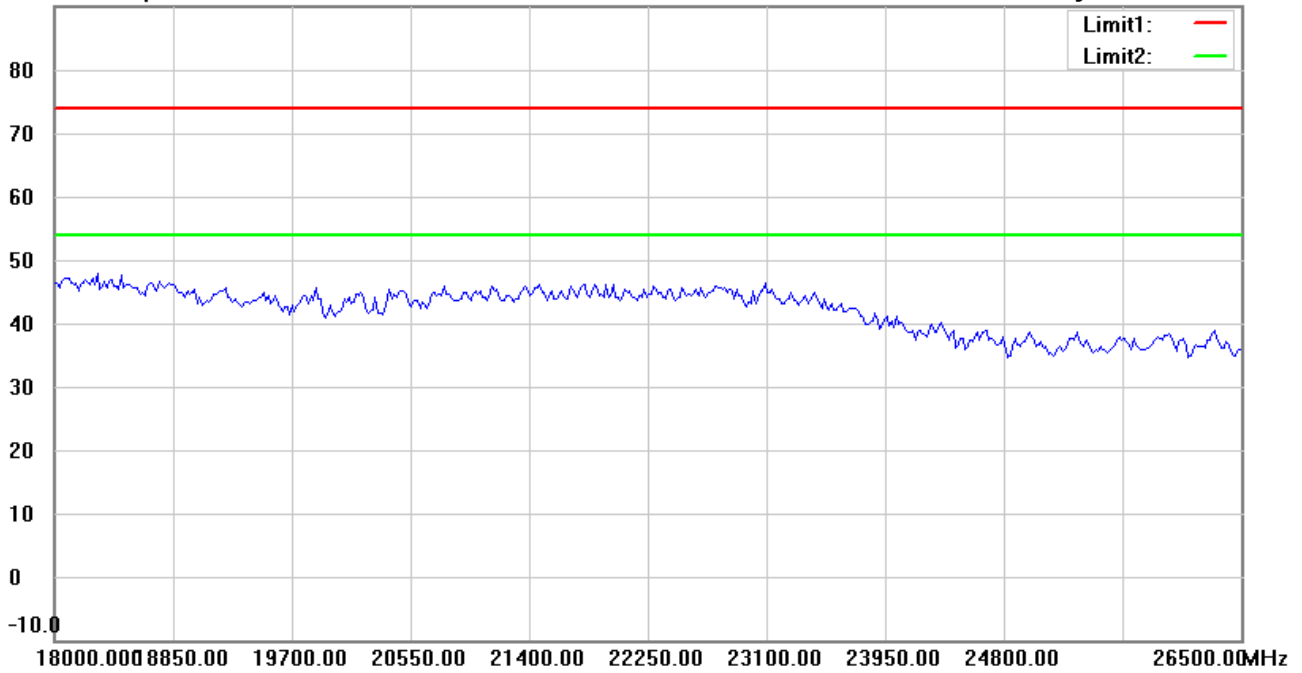
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:28:32 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

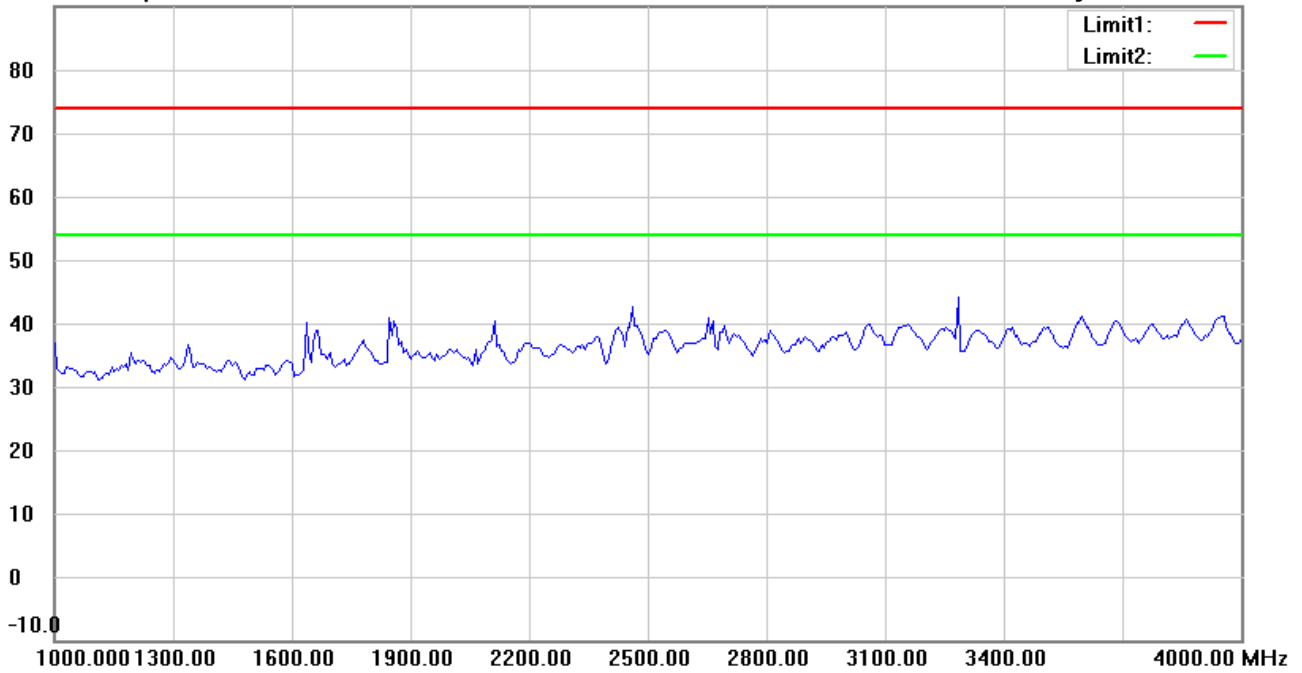
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:56:54 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#6

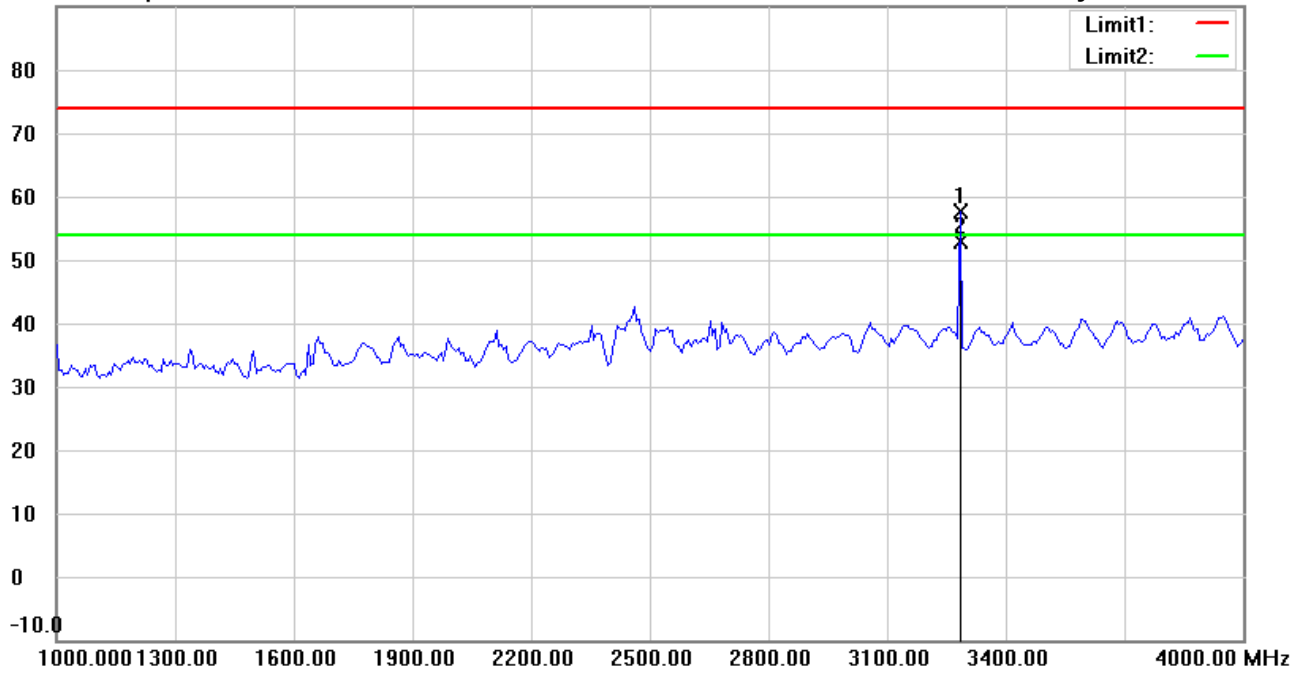
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:00:24 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	3284.569	61.38	peak	-3.79	57.59	74.00	150	237	-16.41	
*	3284.569	56.76	AVG	-3.79	52.97	54.00	150	237	-1.03	





Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

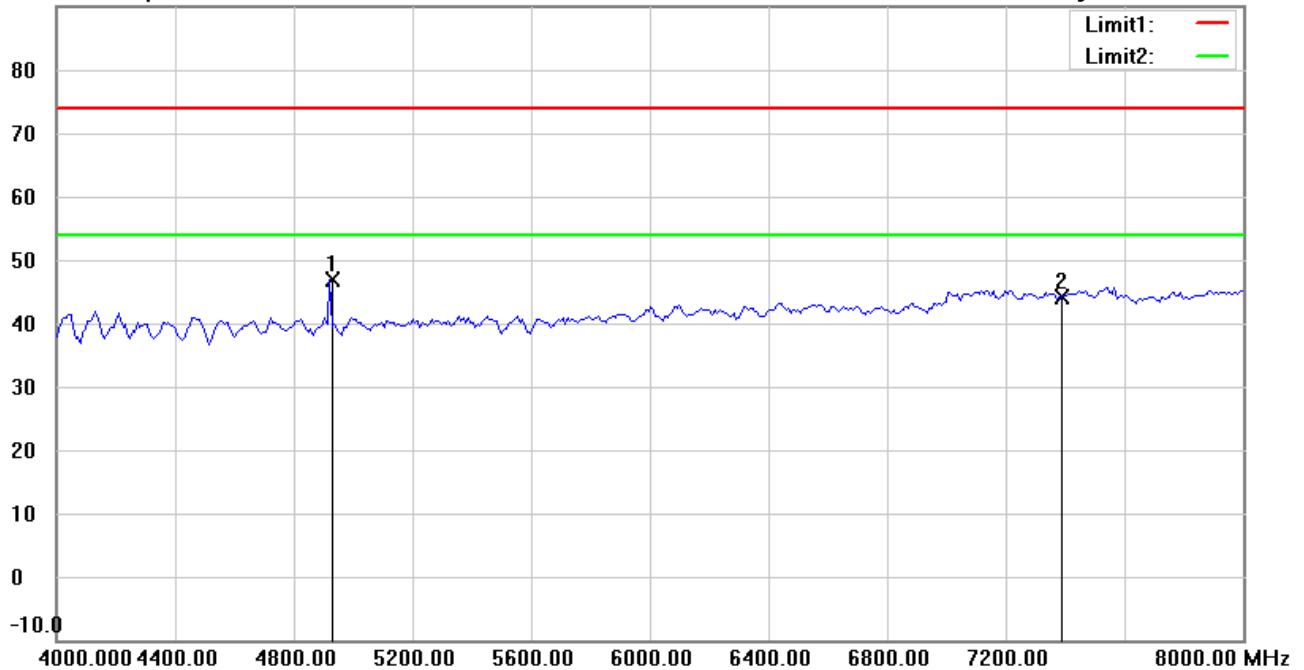
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:57:54 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	48.32	peak	-1.52	46.80	74.00	150	342	-27.20	
	7386.000	40.32	peak	3.72	44.04	74.00	150	169	-29.96	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

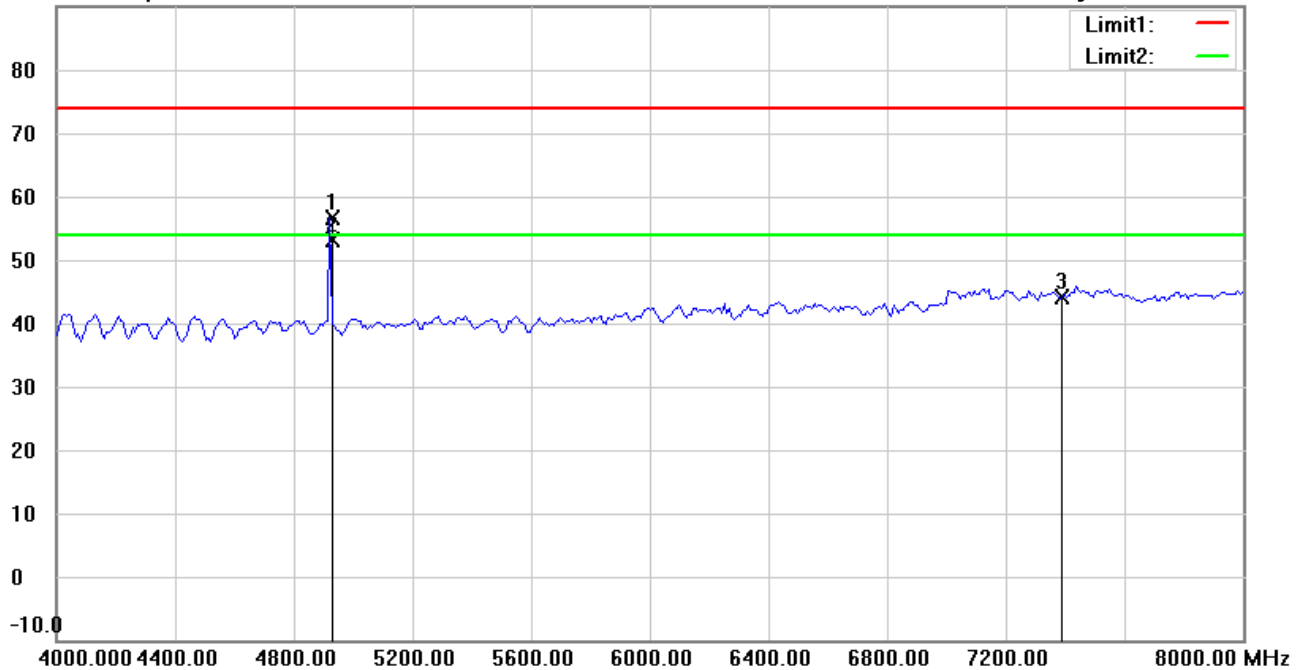
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:01:25 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	58.06	peak	-1.52	56.54	74.00	158	234	-17.46	
*	4921.844	54.61	AVG	-1.52	53.09	54.00	158	234	-0.91	
	7386.000	40.49	peak	3.72	44.21	74.00	150	55	-29.79	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

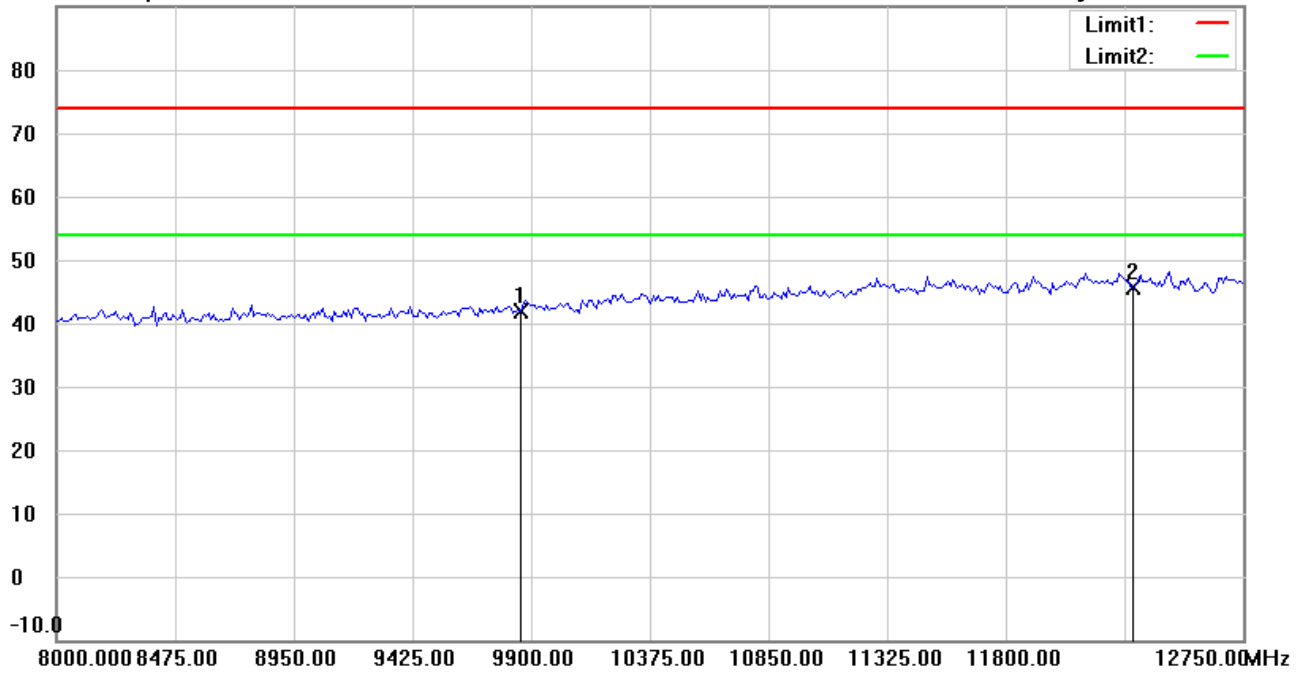
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:59:01 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Horizontal**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.03	peak	6.96	41.99	74.00	150	57	-32.01	
*	12310.000	33.55	peak	12.18	45.73	74.00	150	210	-28.27	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

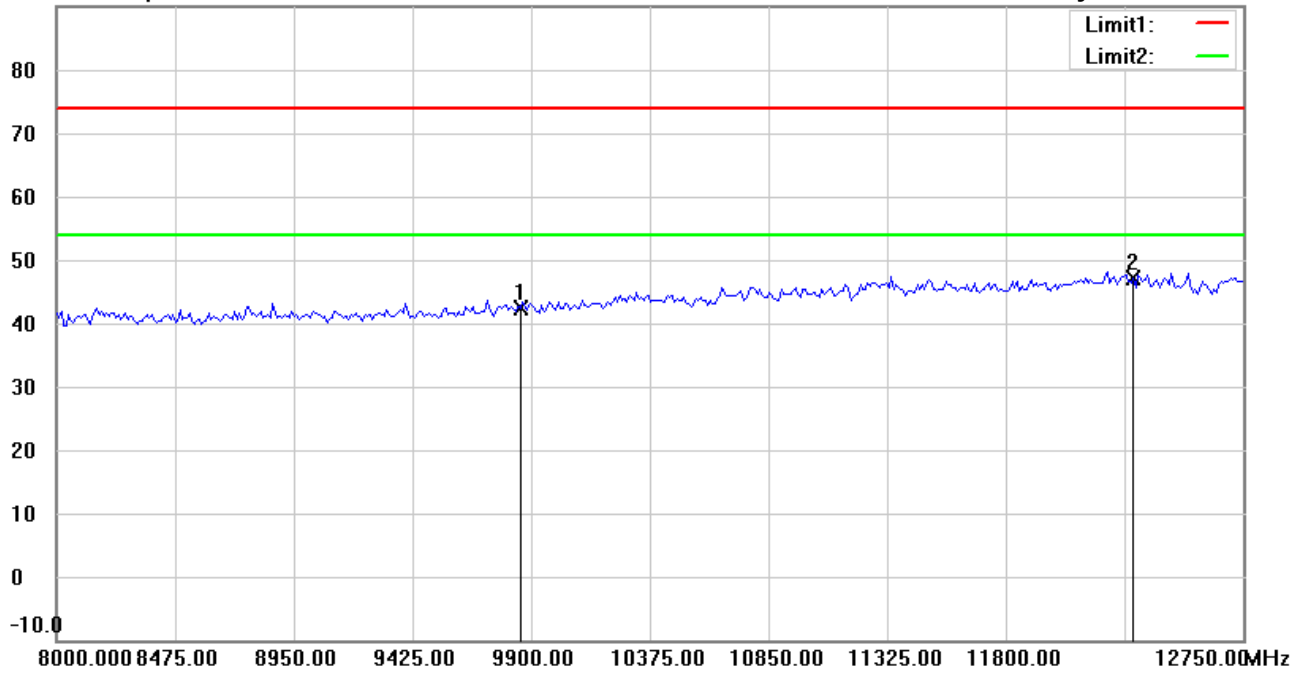
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:02:25 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.45	peak	6.96	42.41	74.00	150	95	-31.59	
*	12310.000	34.96	peak	12.18	47.14	74.00	150	244	-26.86	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

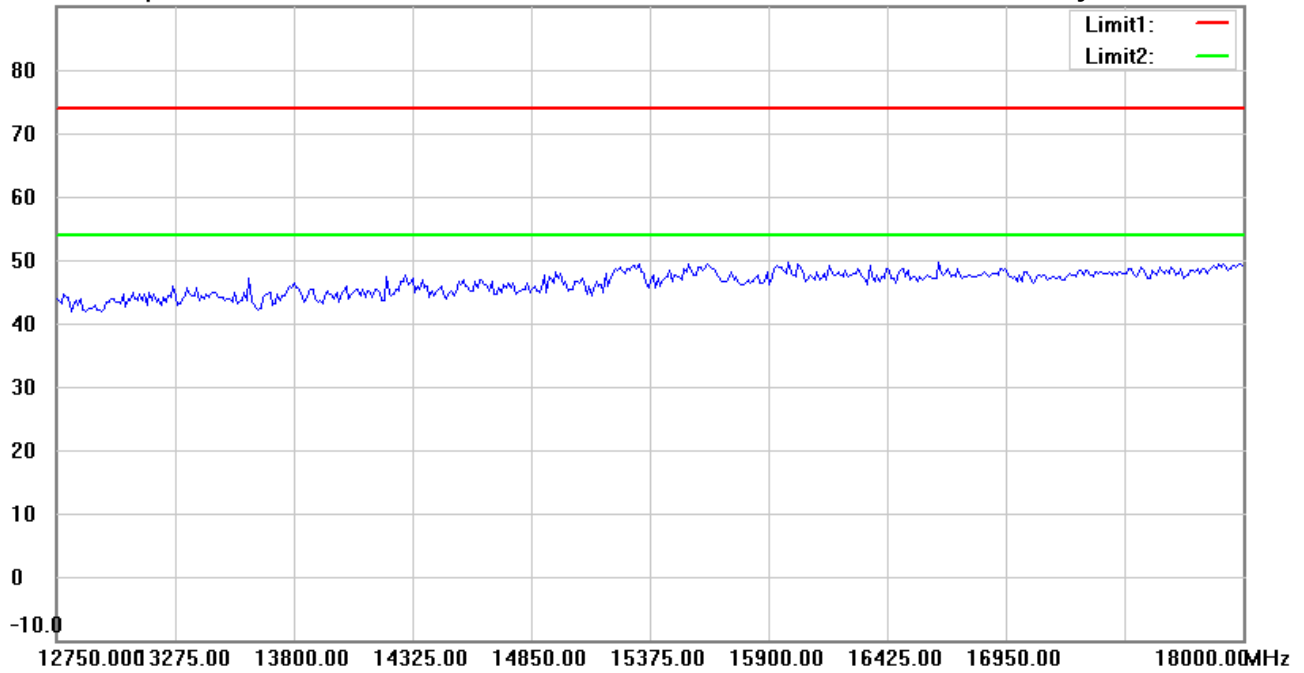
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:59:15 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

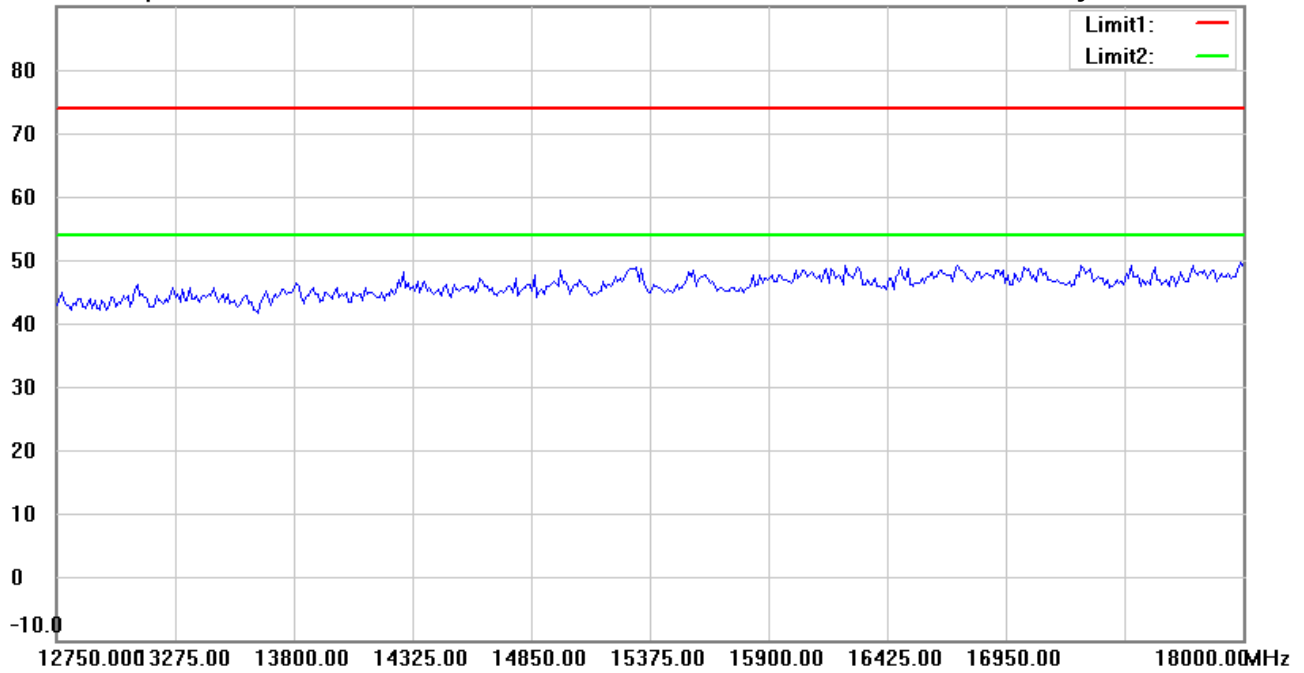
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:02:38 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

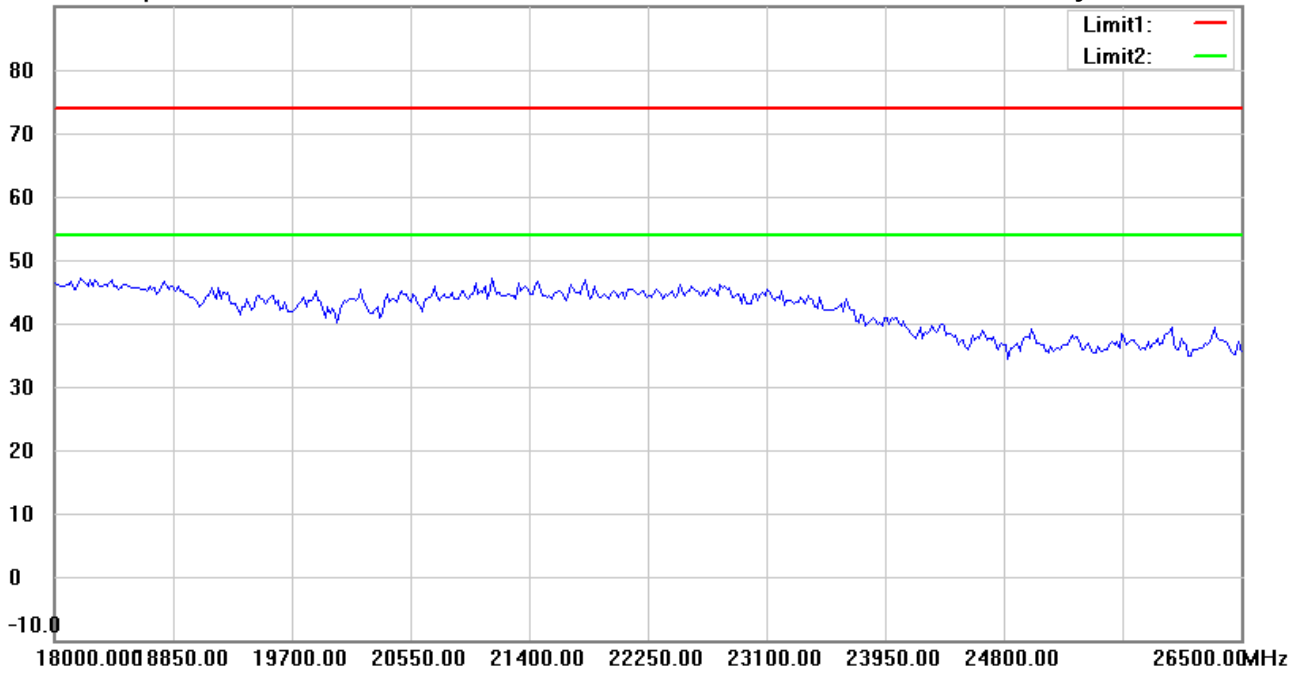
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 11:59:25 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#10

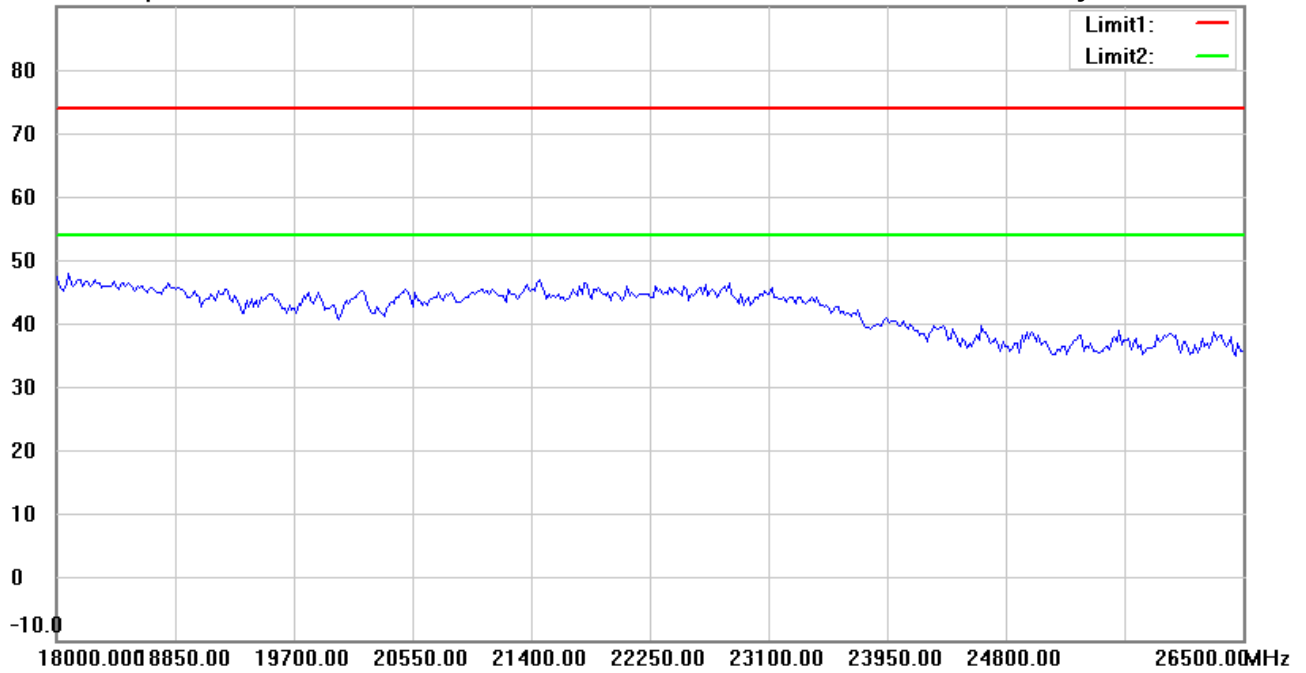
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:02:48 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#1

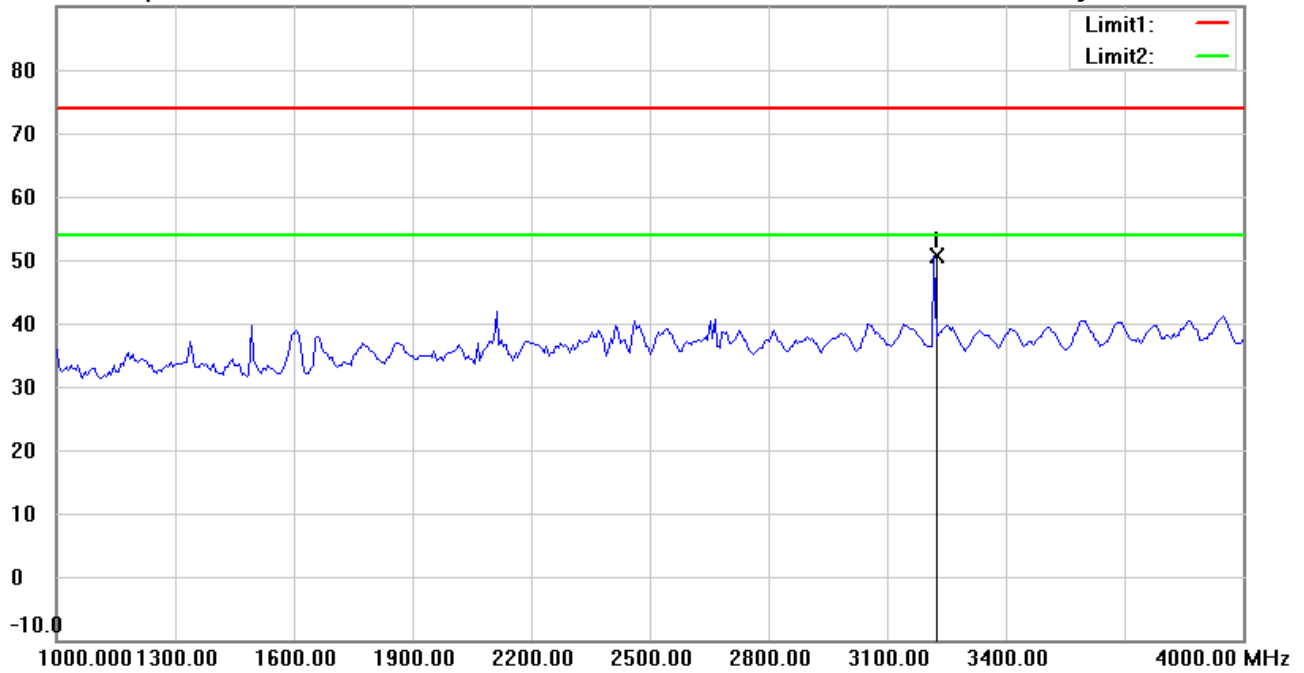
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:24:04 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	3218.437	54.10	peak	-3.56	50.54	74.00	150	163	-23.46	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

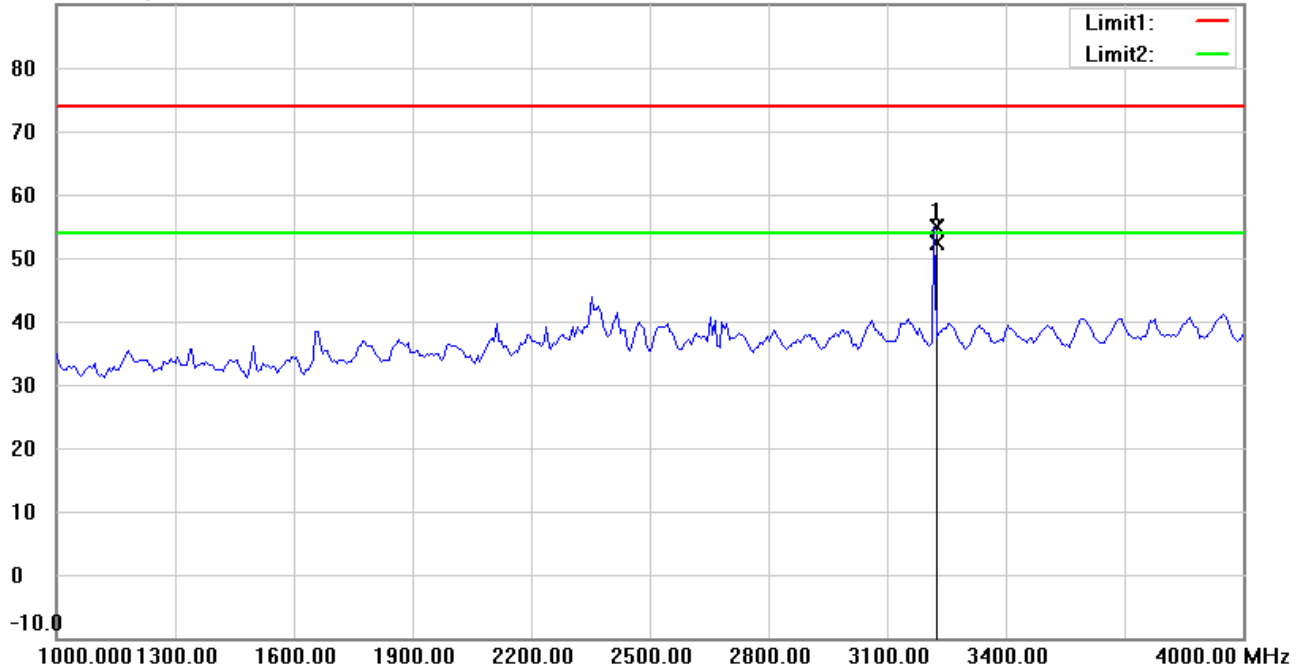
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:27:35 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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
	3218.437	58.55	peak	-3.56	54.99	74.00	157	172	-19.01	
*	3218.437	55.86	AVG	-3.56	52.30	54.00	157	172	-1.70	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

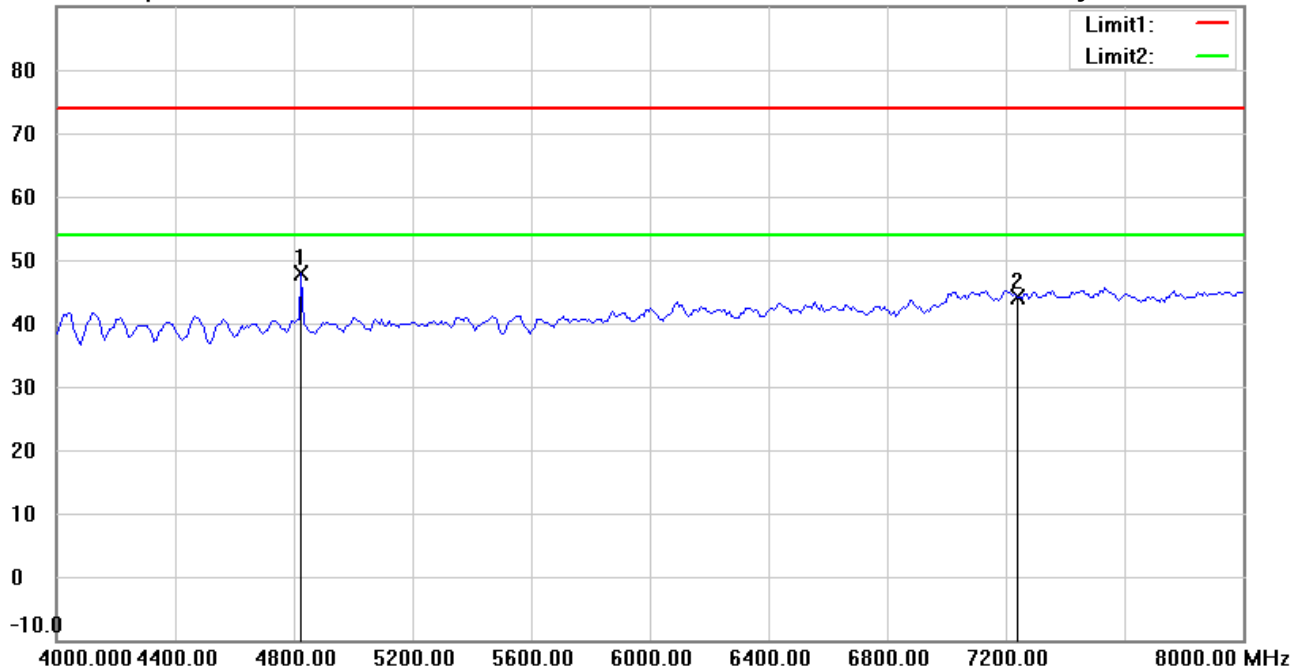
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:25:04 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4825.651	49.82	peak	-1.87	47.95	74.00	150	167	-26.05	
	7236.000	40.97	peak	3.28	44.25	74.00	150	324	-29.75	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

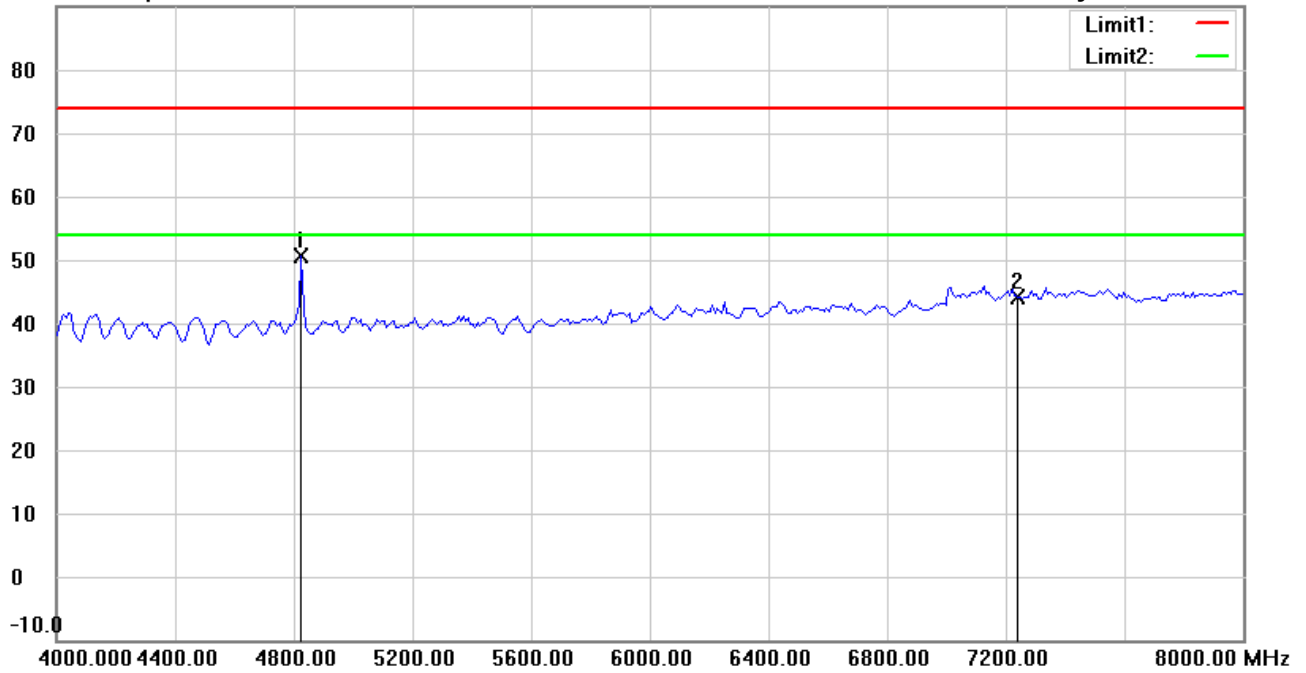
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:28:35 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4825.651	52.55	peak	-1.87	50.68	74.00	150	179	-23.32	
	7236.000	40.77	peak	3.28	44.05	74.00	150	256	-29.95	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

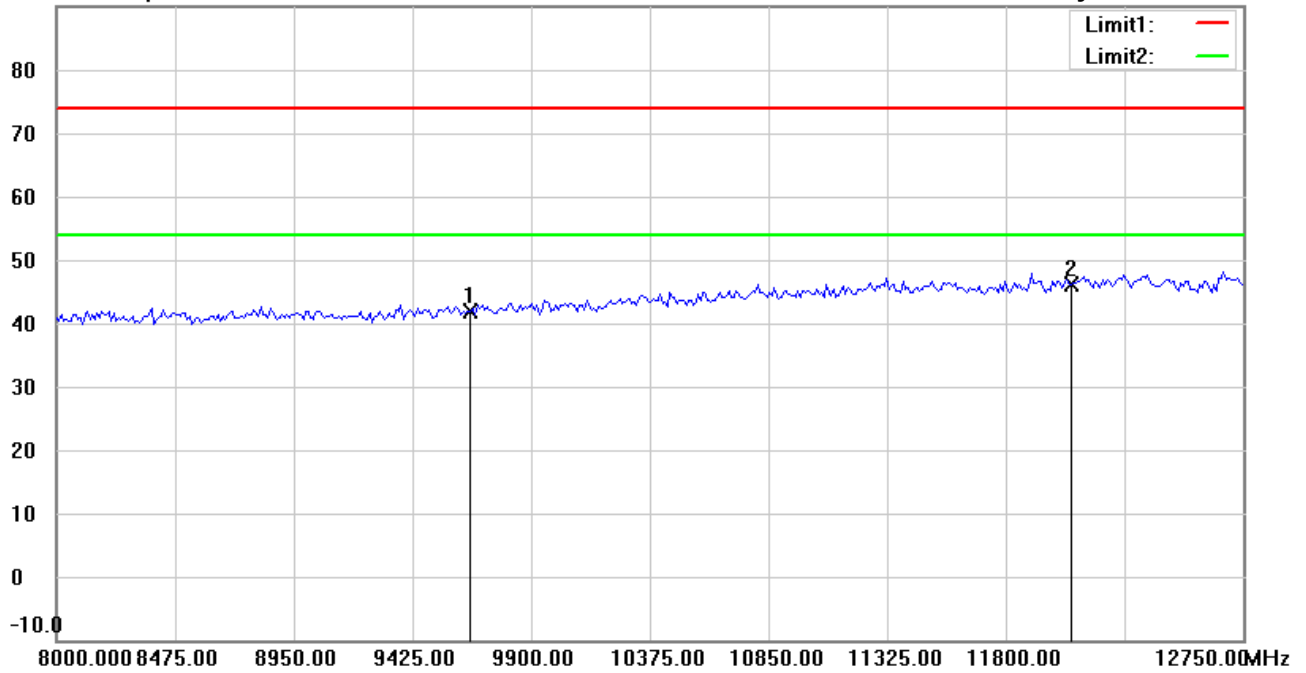
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:26:11 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.35	peak	6.60	41.95	74.00	150	95	-32.05	
*	12060.000	34.02	peak	12.21	46.23	74.00	150	270	-27.77	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

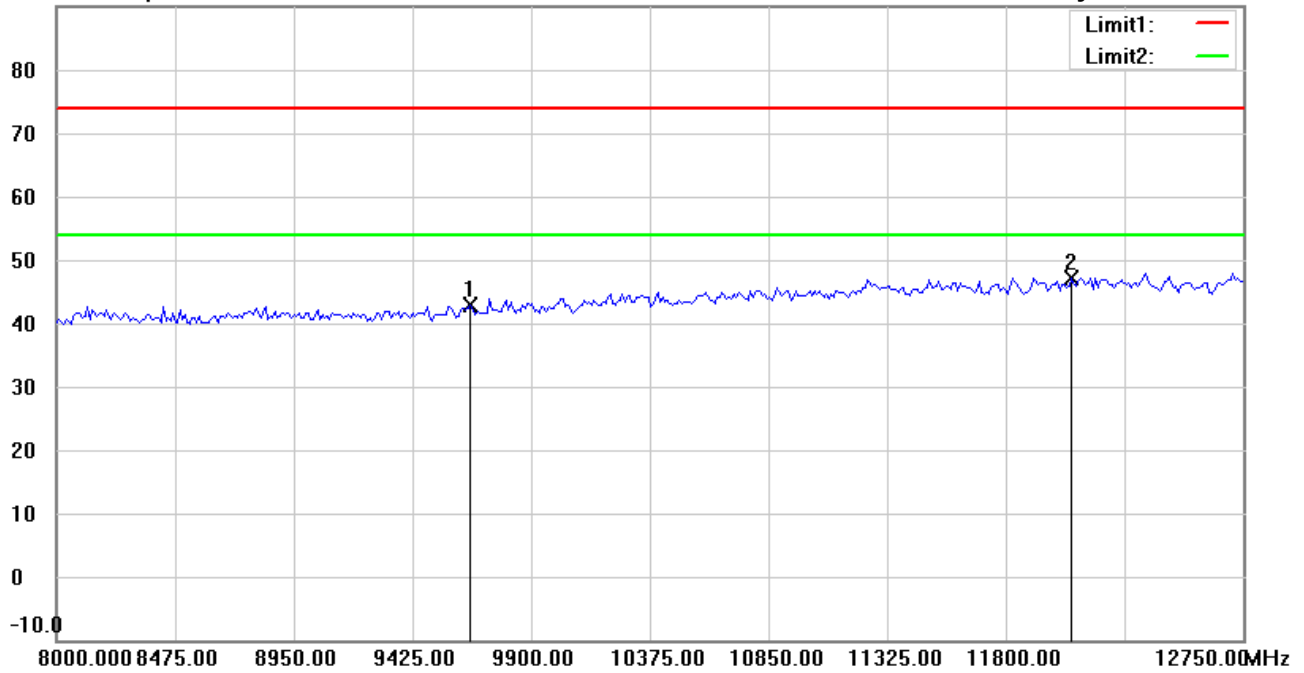
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:29:35 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	36.31	peak	6.60	42.91	74.00	150	235	-31.09	
*	12060.000	34.92	peak	12.21	47.13	74.00	150	67	-26.87	

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

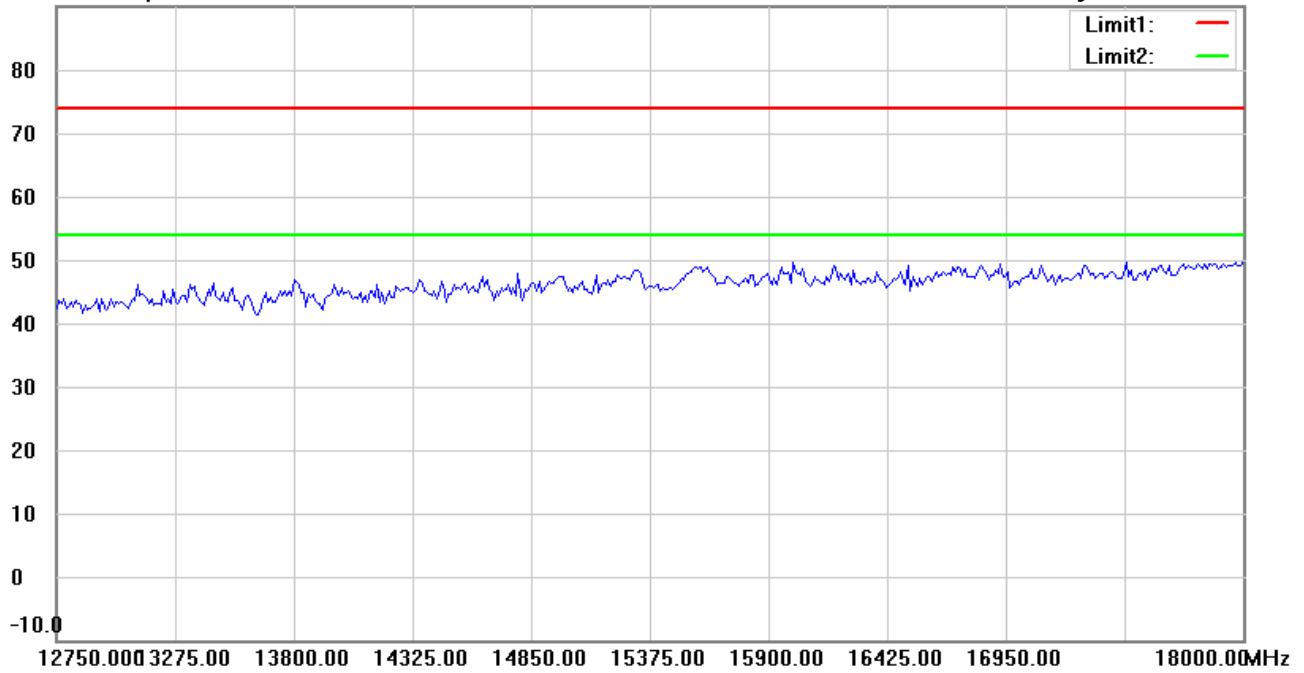
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:26:25 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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

Operator: Leon

File :3

Data :#9

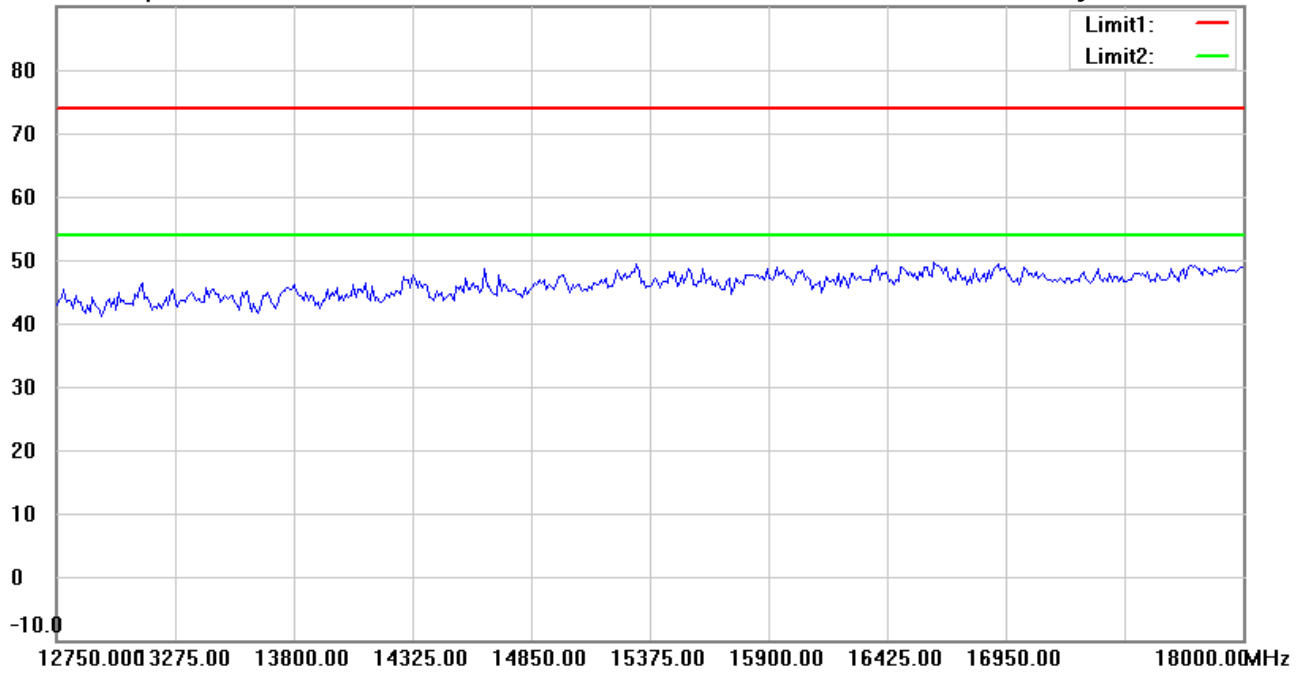
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:29:49 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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





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

Operator: Leon

File :3

Data :#5

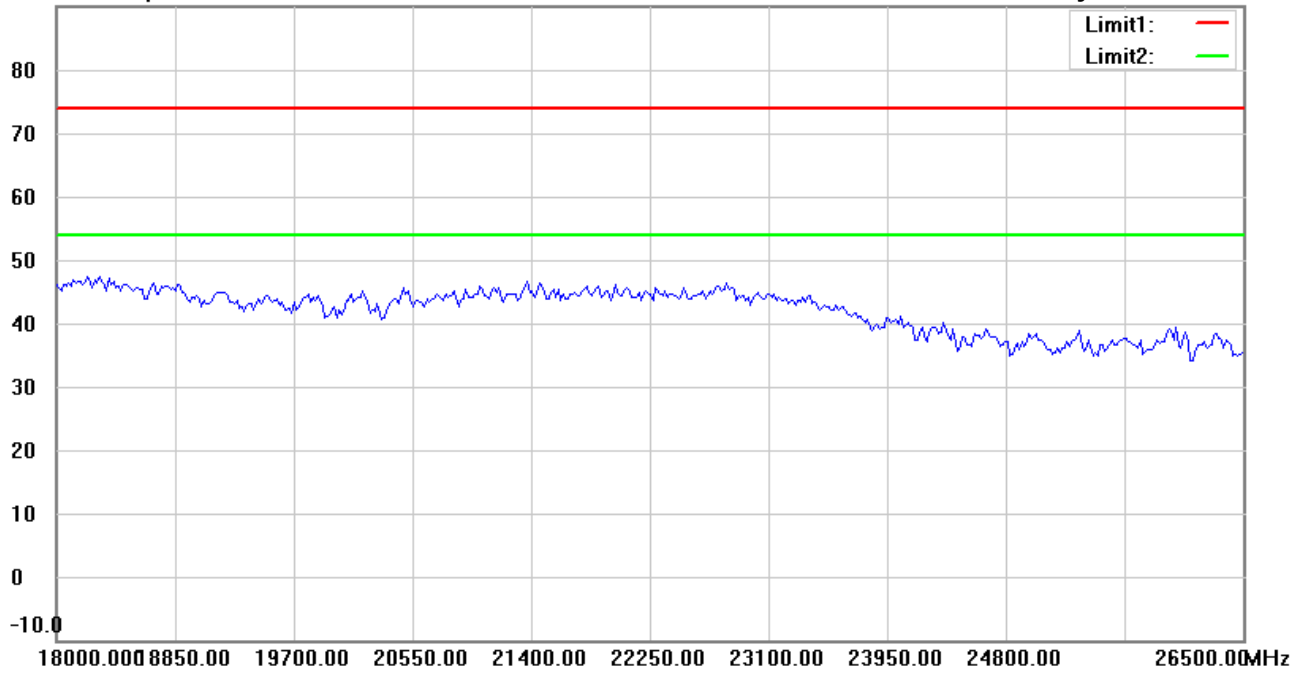
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:26:34 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

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

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



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

Operator: Leon

File :3

Data :#10

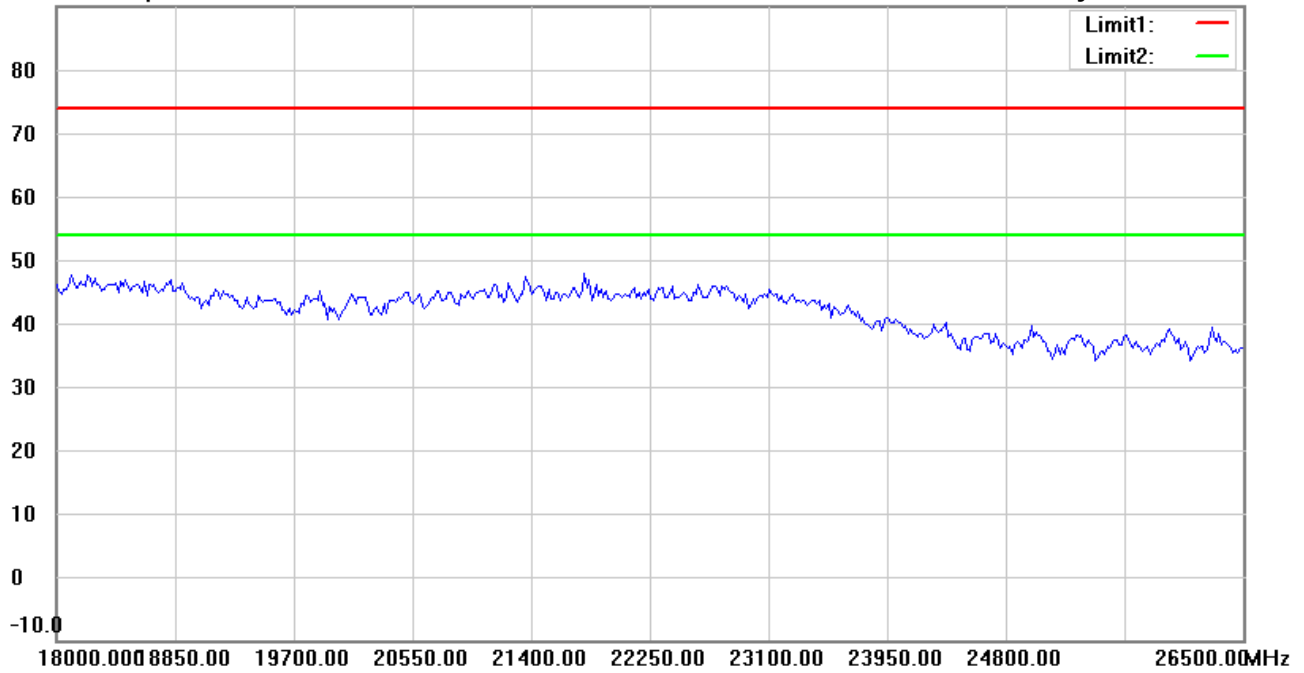
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:29:58 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

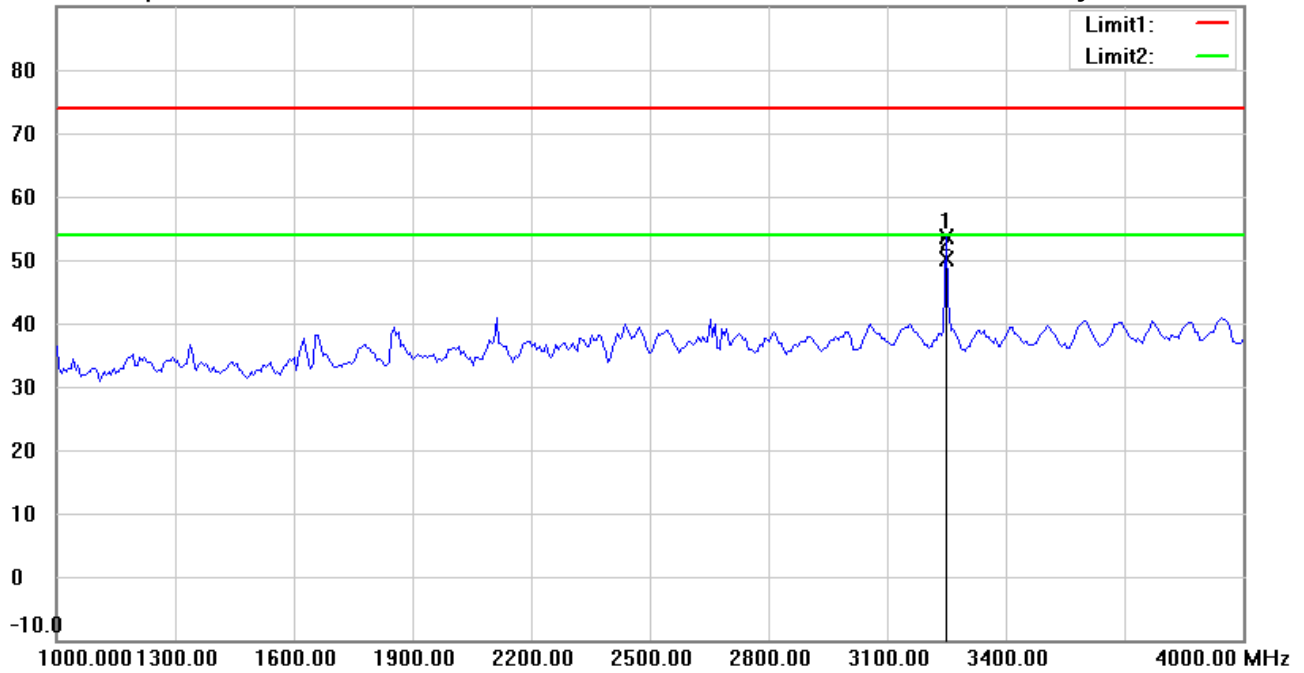
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:41:47 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	3248.497	57.33	peak	-3.66	53.67	74.00	153	214	-20.33	
*	3248.497	53.86	AVG	-3.66	50.20	54.00	153	214	-3.80	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

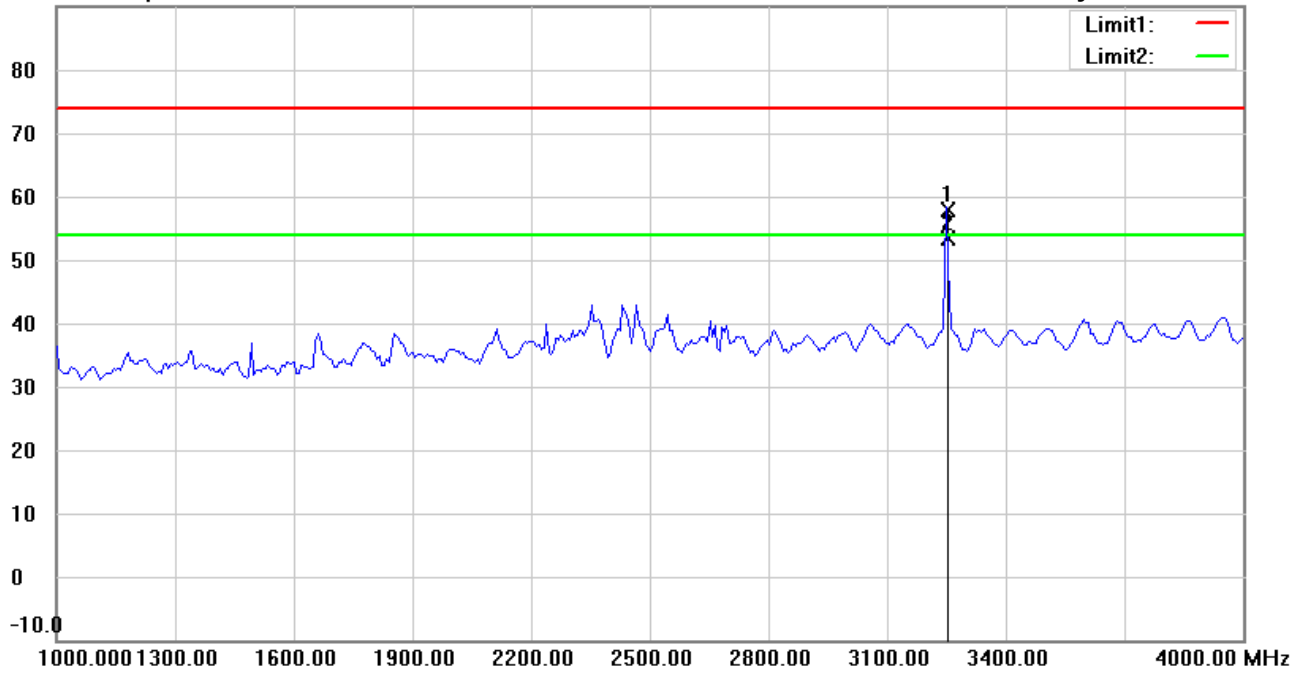
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:45:17 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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
	3249.376	61.45	peak	-3.67	57.78	74.00	173	297	-16.22	
*	3249.376	57.15	AVG	-3.67	53.48	54.00	173	297	-0.52	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

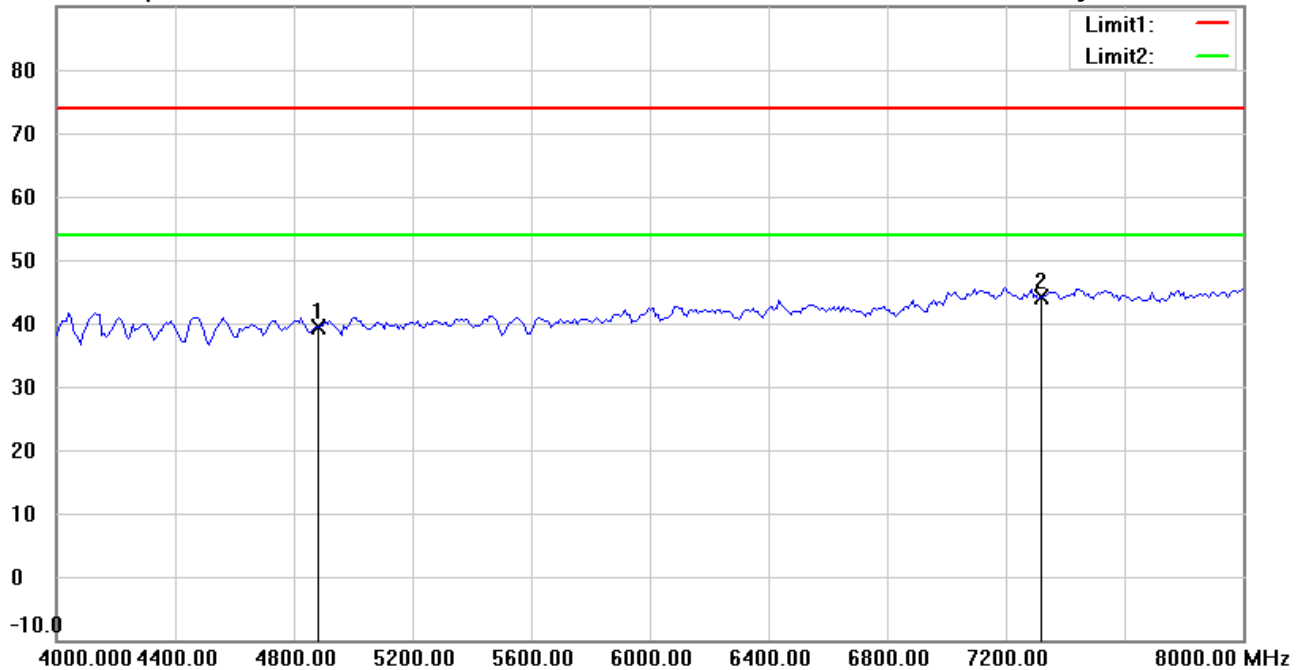
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:42:47 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	41.17	peak	-1.70	39.47	74.00	150	255	-34.53	
*	7311.000	40.67	peak	3.42	44.09	74.00	150	176	-29.91	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

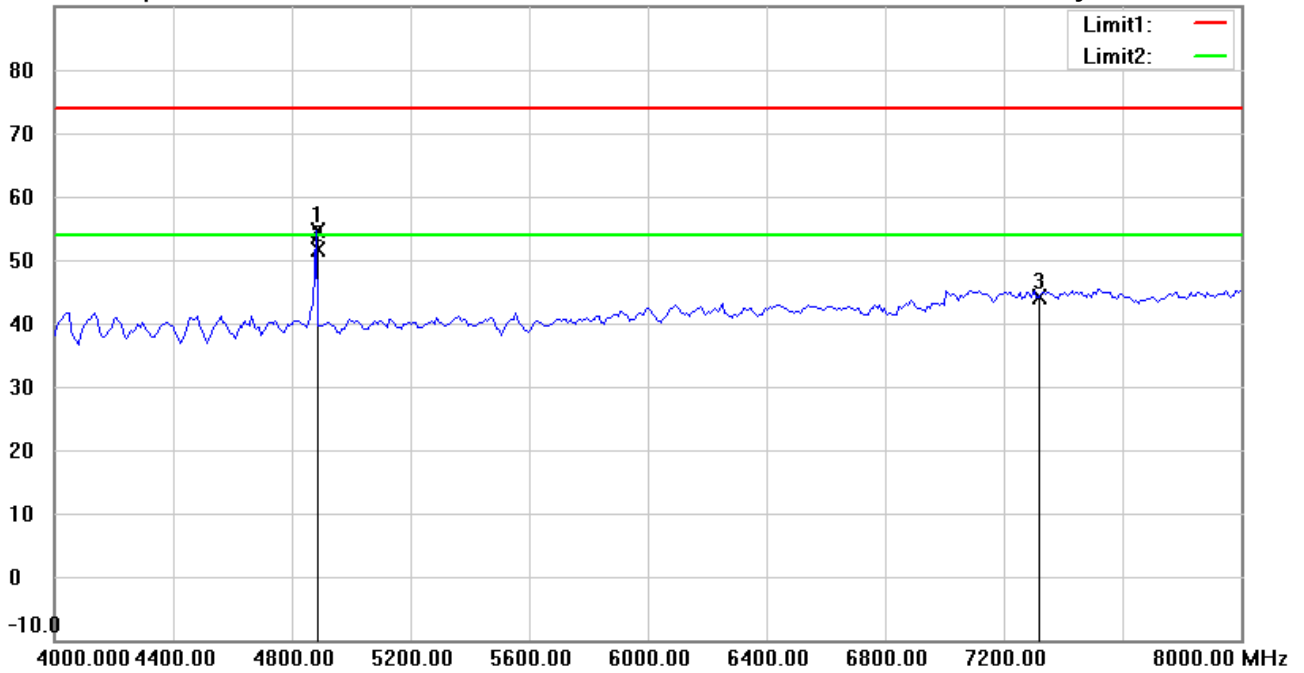
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:46:18 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4881.764	56.41	peak	-1.67	54.74	74.00	175	89	-19.26	
*	4881.764	53.41	AVG	-1.67	51.74	54.00	175	89	-2.26	
	7311.000	40.62	peak	3.42	44.04	74.00	150	214	-29.96	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

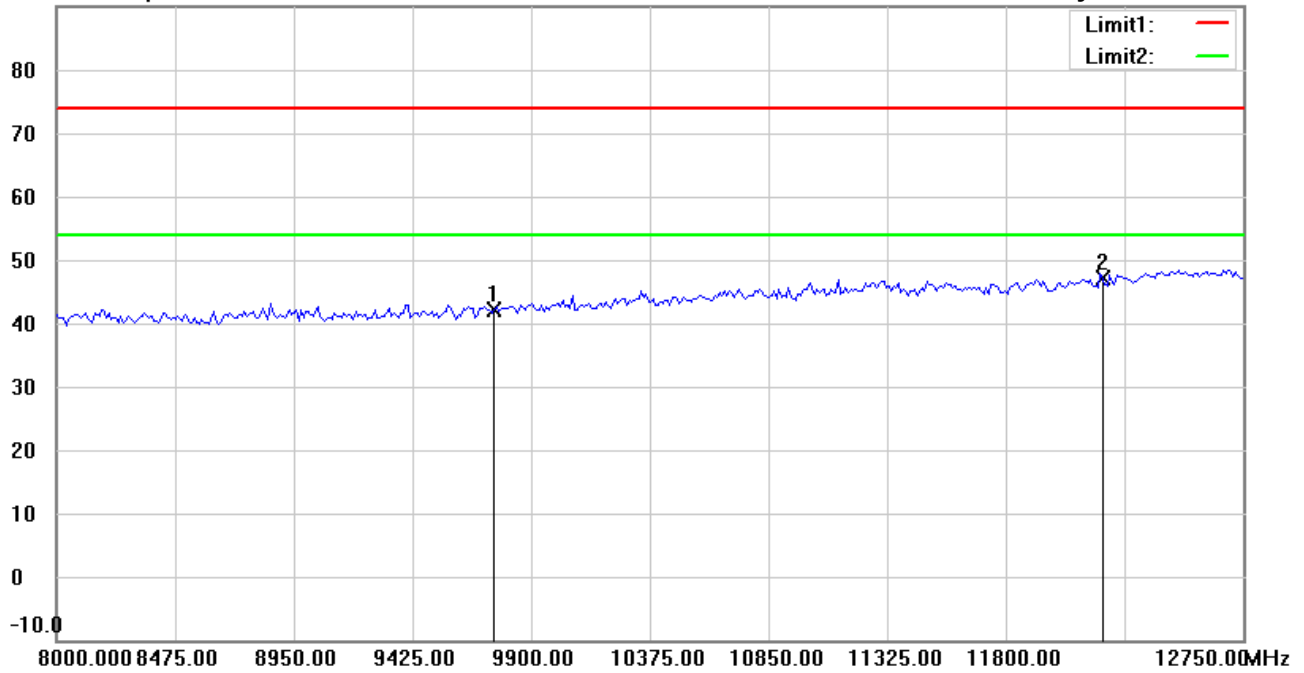
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:43:54 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.44	peak	6.75	42.19	74.00	150	152	-31.81	
*	12185.000	34.22	peak	12.83	47.05	74.00	150	317	-26.95	



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

Operator: Leon

File :3

Data :#8

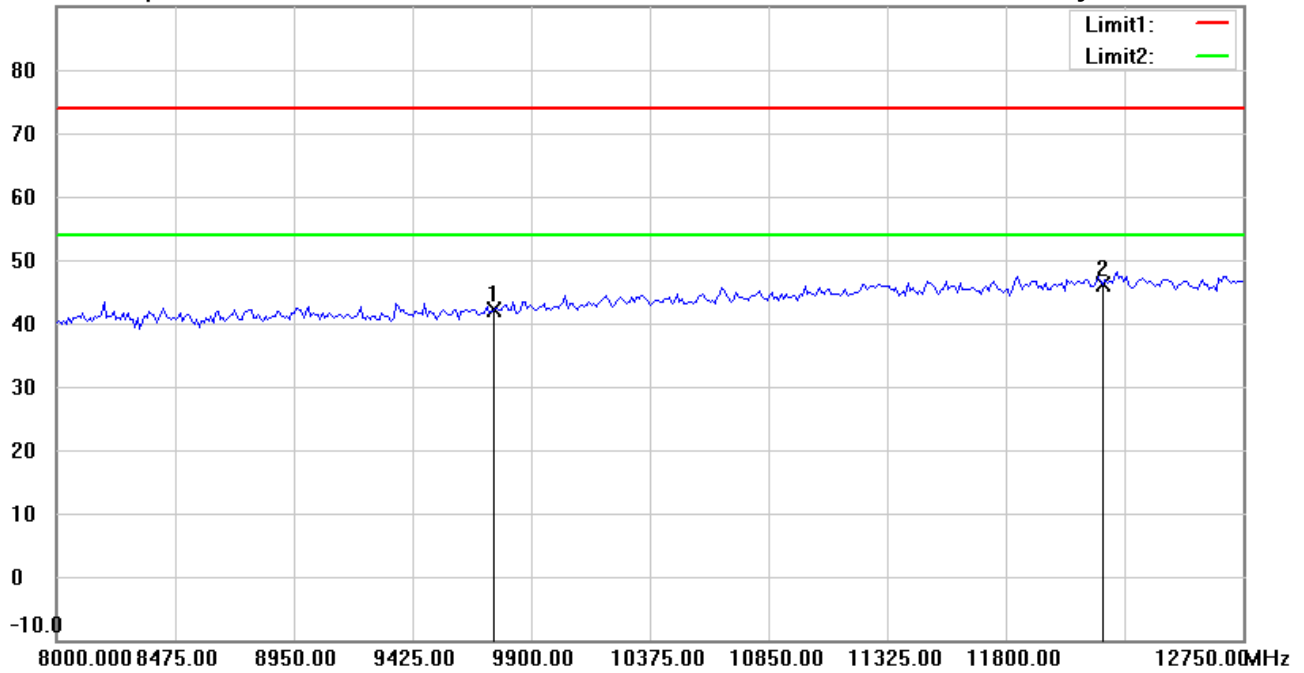
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:47:17 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.32	peak	6.75	42.07	74.00	150	68	-31.93	
*	12185.000	33.29	peak	12.83	46.12	74.00	150	265	-27.88	

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





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

Operator: Leon

File :3

Data :#4

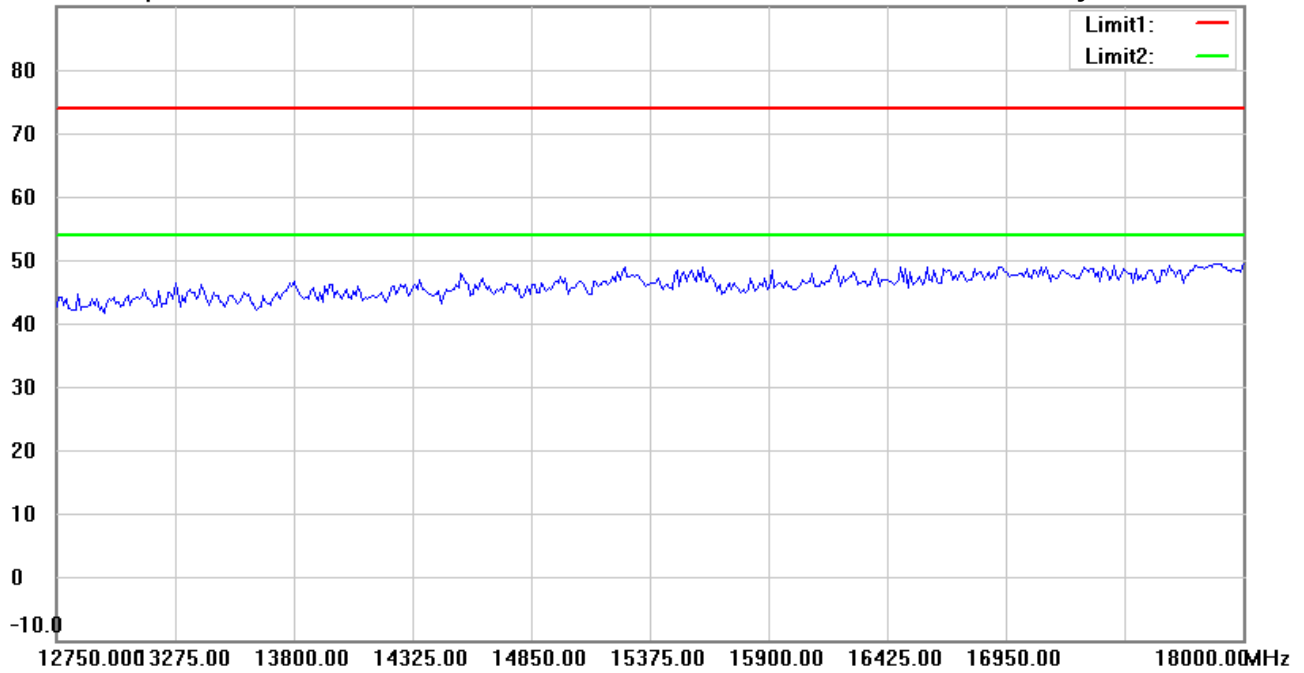
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:44:08 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

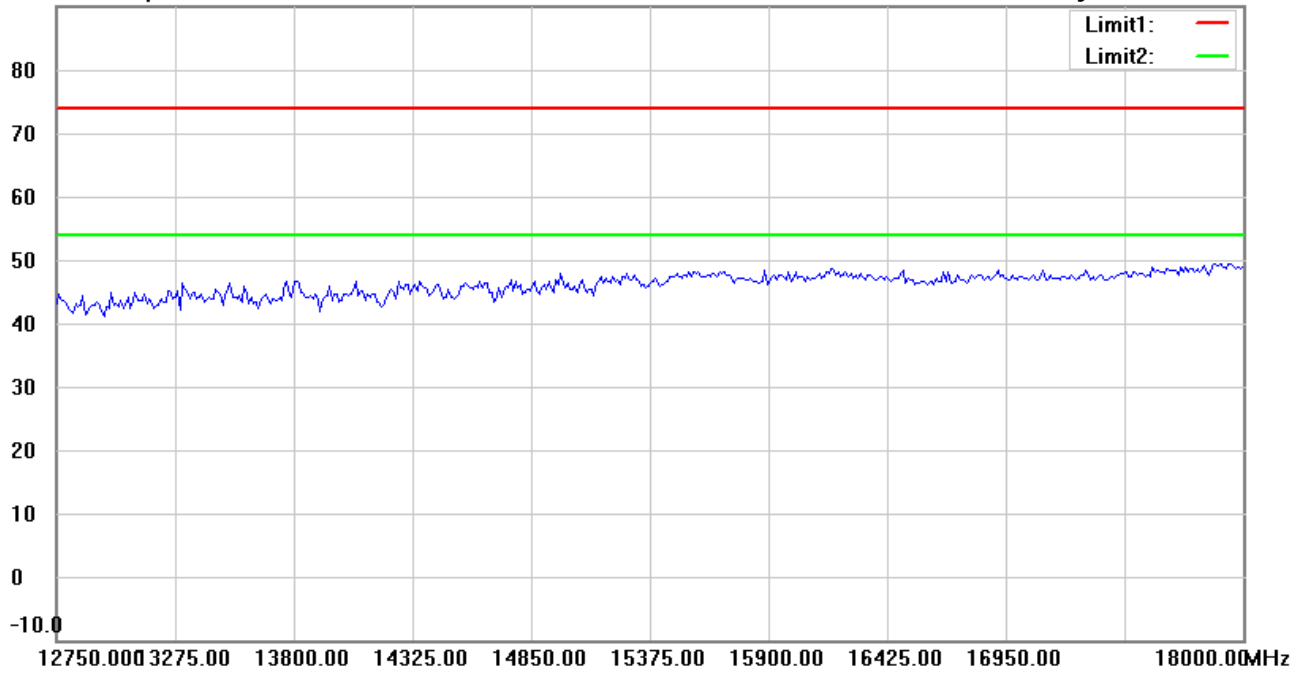
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:47:31 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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

Operator: Leon

File :3

Data :#5

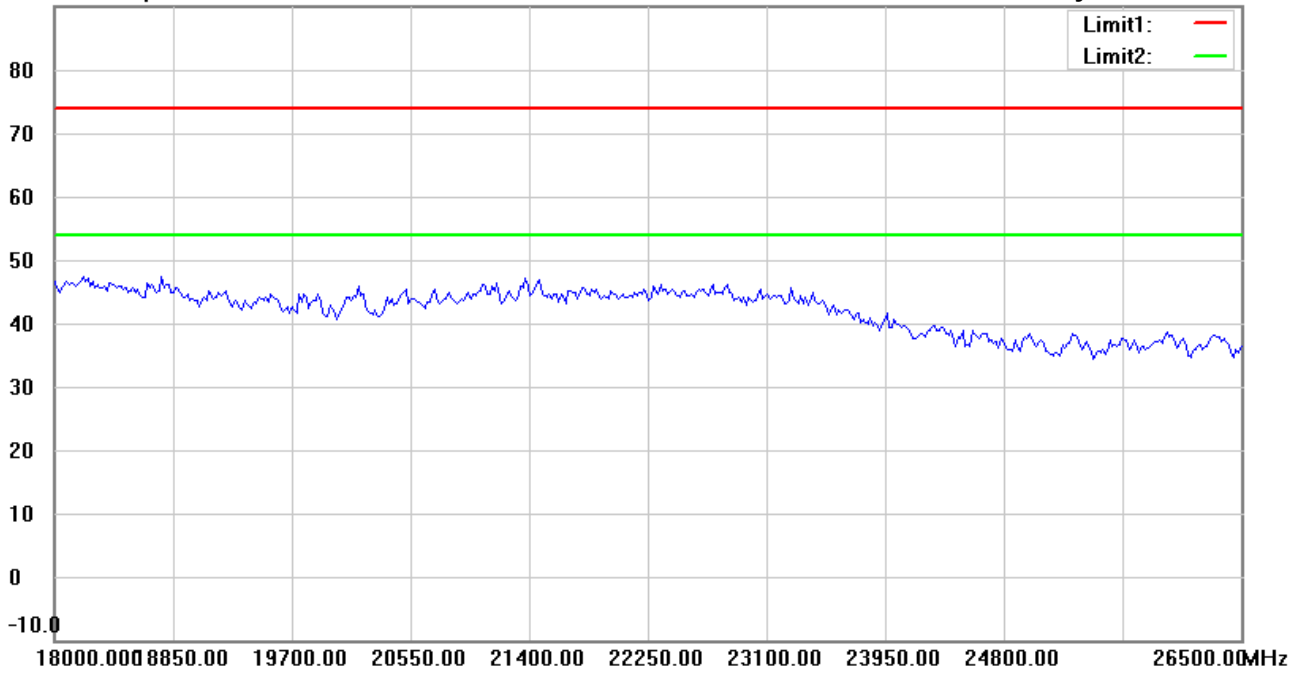
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:44:17 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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

**Radiated Emission Measurement**

Operator: Leon

File :3

Data :#10

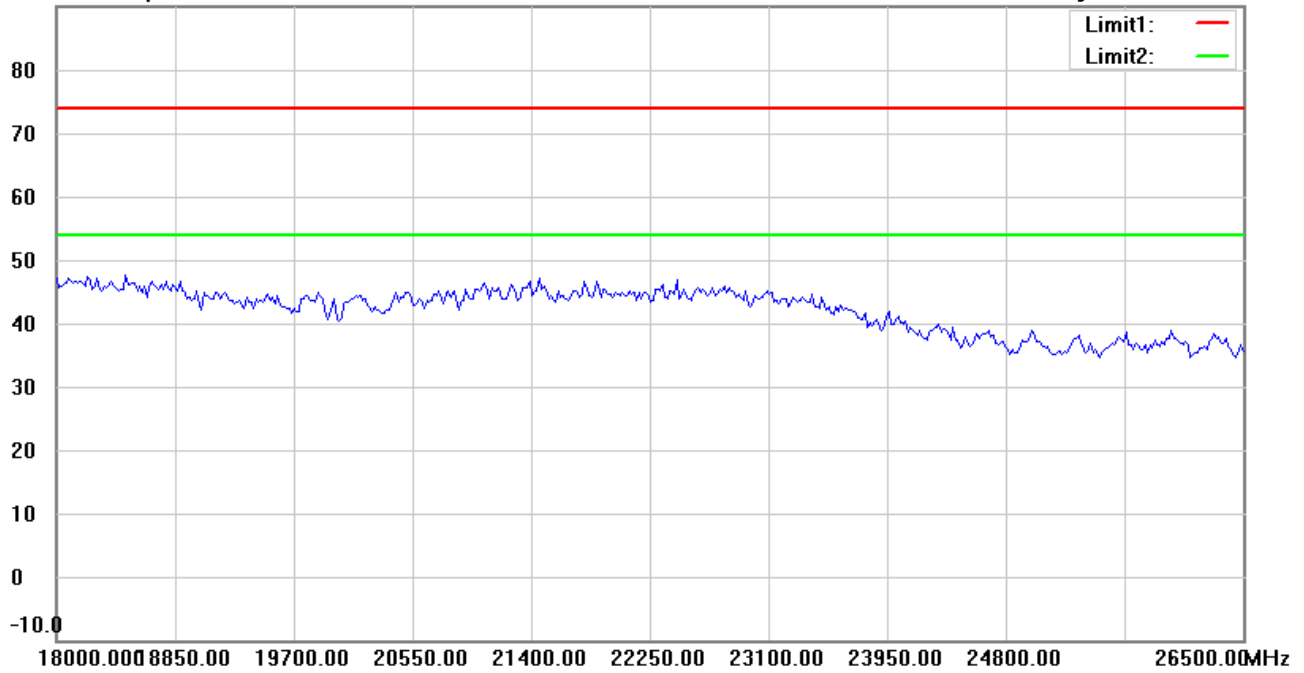
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 12:47:41 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Vertical*

Power : 3.3 Vd.c.

Distance: 3m

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

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



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

Operator: Leon

File :3

Data :#1

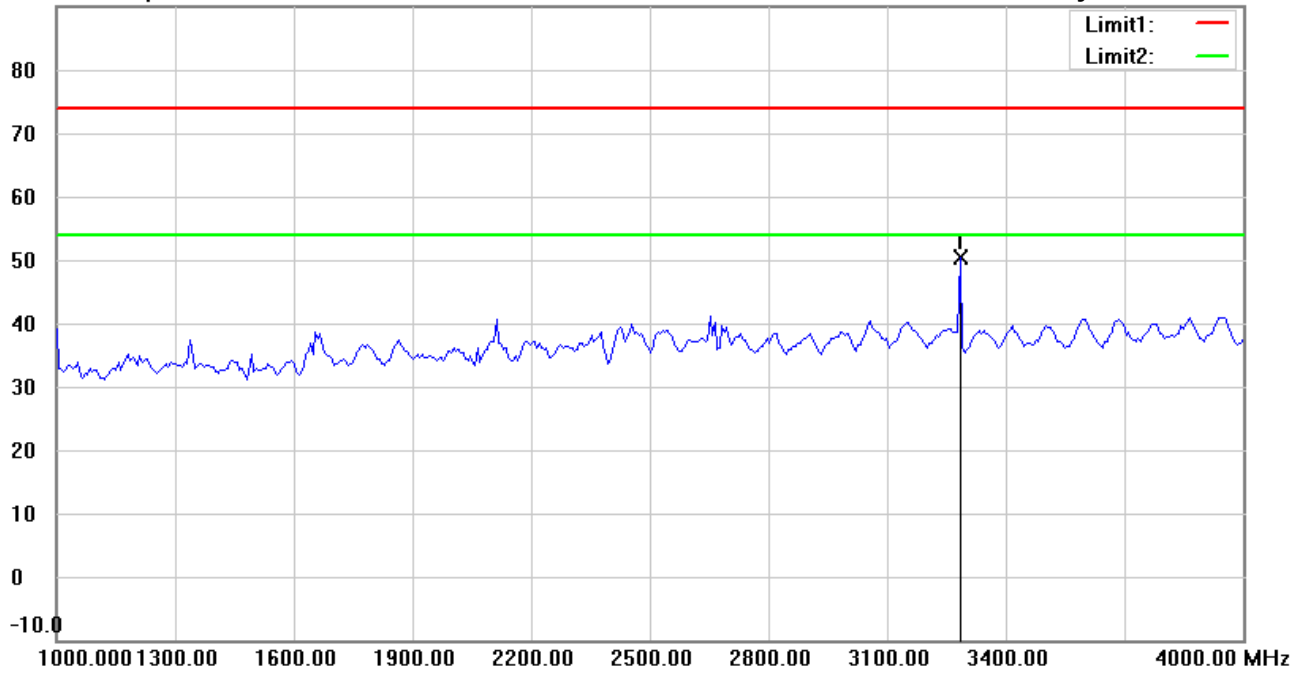
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 1:17:11 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	3284.569	54.09	peak	-3.79	50.30	74.00	150	263	-23.70	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

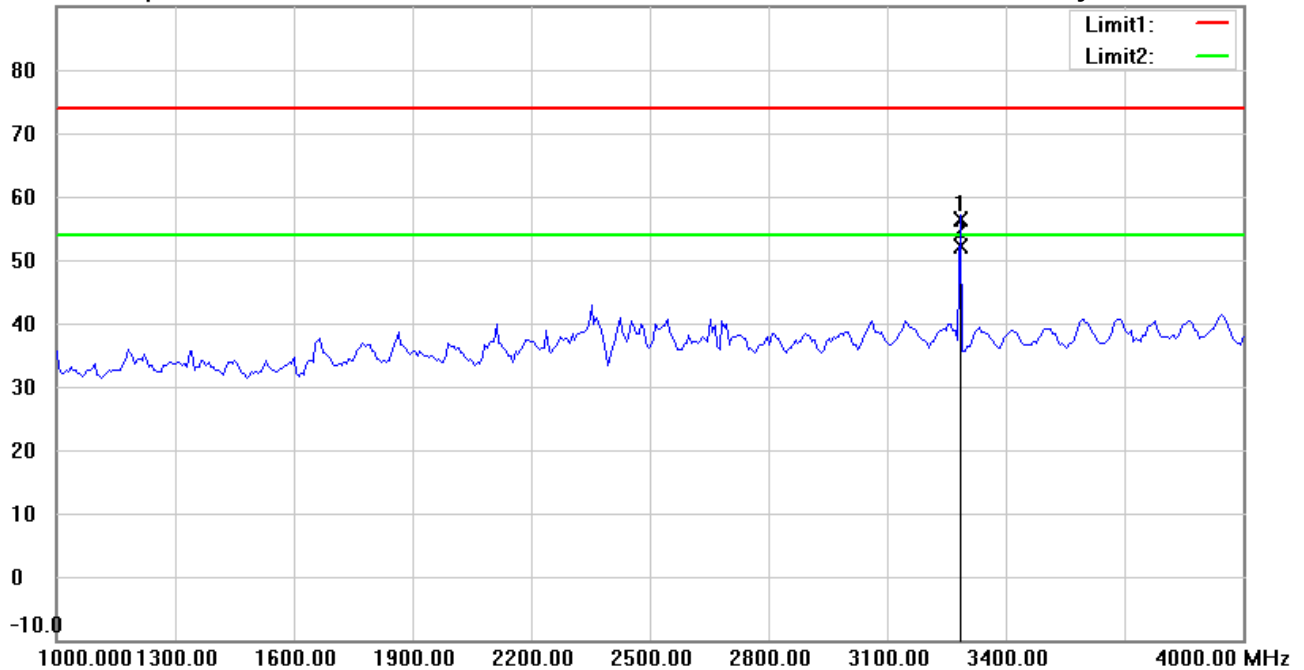
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 1:20:42 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Vertical*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	3282.708	60.09	peak	-3.78	56.31	74.00	155	300	-17.69	
*	3282.708	55.95	AVG	-3.78	52.17	54.00	155	300	-1.83	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

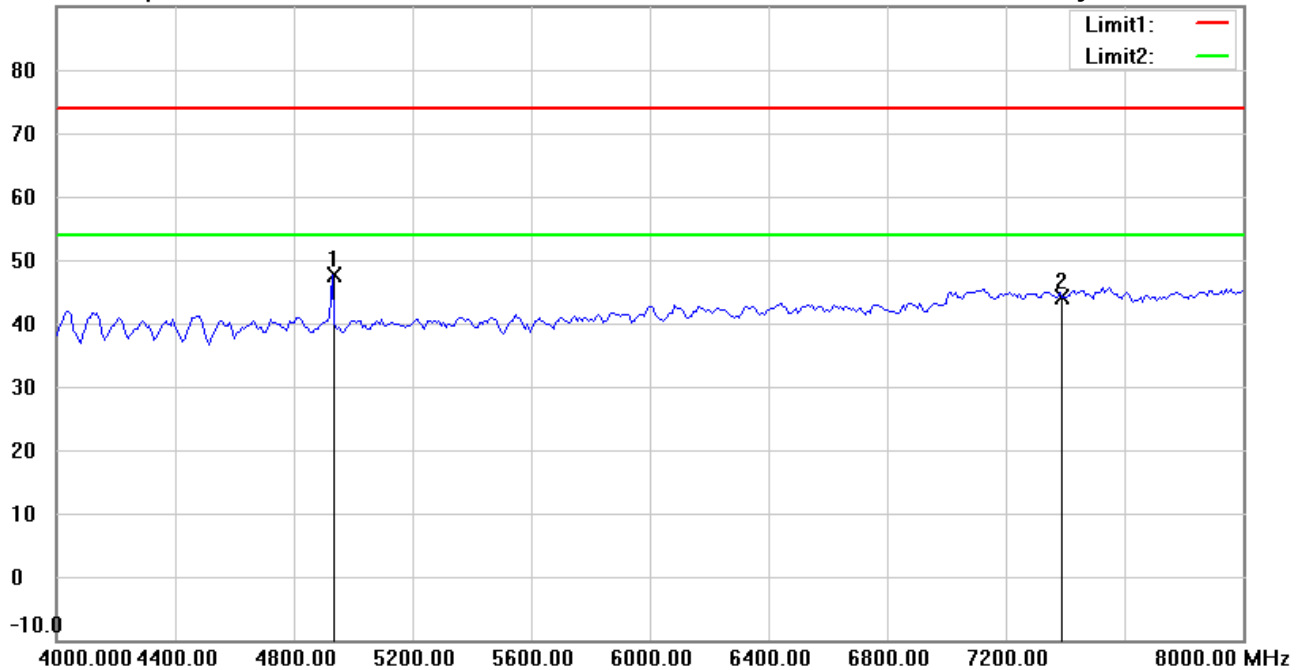
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 1:18:11 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4929.860	49.02	peak	-1.48	47.54	74.00	150	83	-26.46	
	7386.000	40.30	peak	3.72	44.02	74.00	150	215	-29.98	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

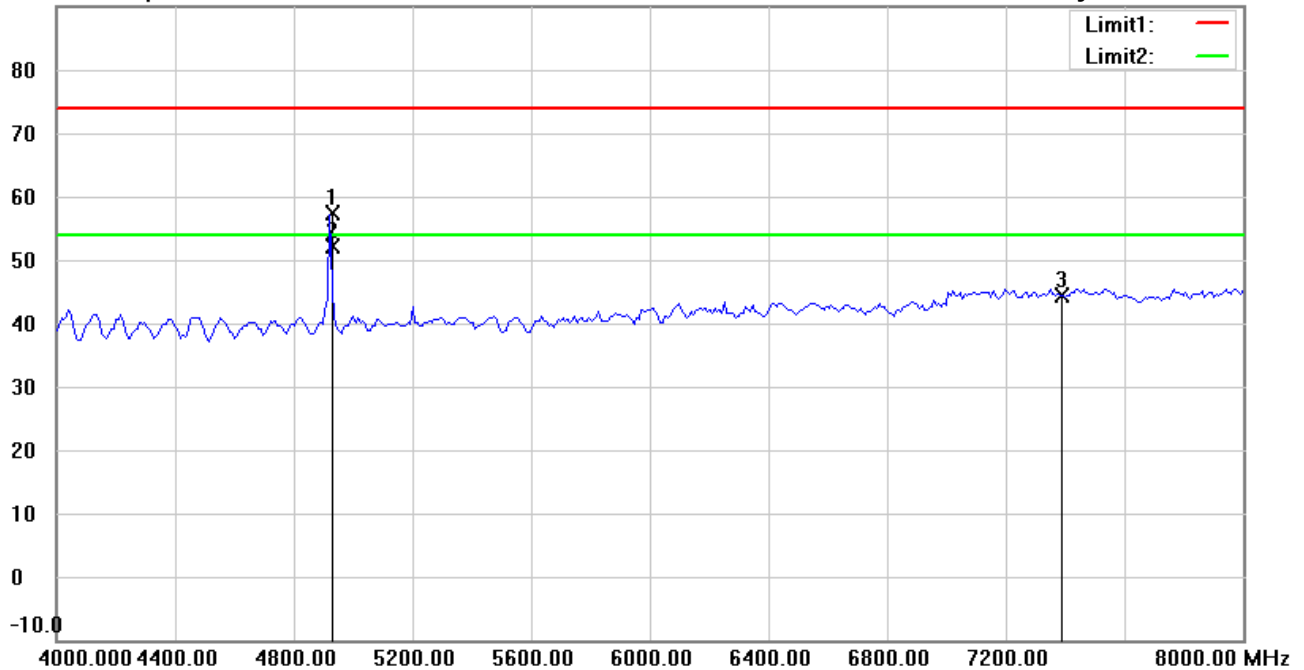
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 1:21:43 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.269	58.88	peak	-1.51	57.37	74.00	160	340	-16.63	
*	4924.269	53.69	AVG	-1.51	52.18	54.00	160	340	-1.82	
	7386.000	40.65	peak	3.72	44.37	74.00	150	53	-29.63	





Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

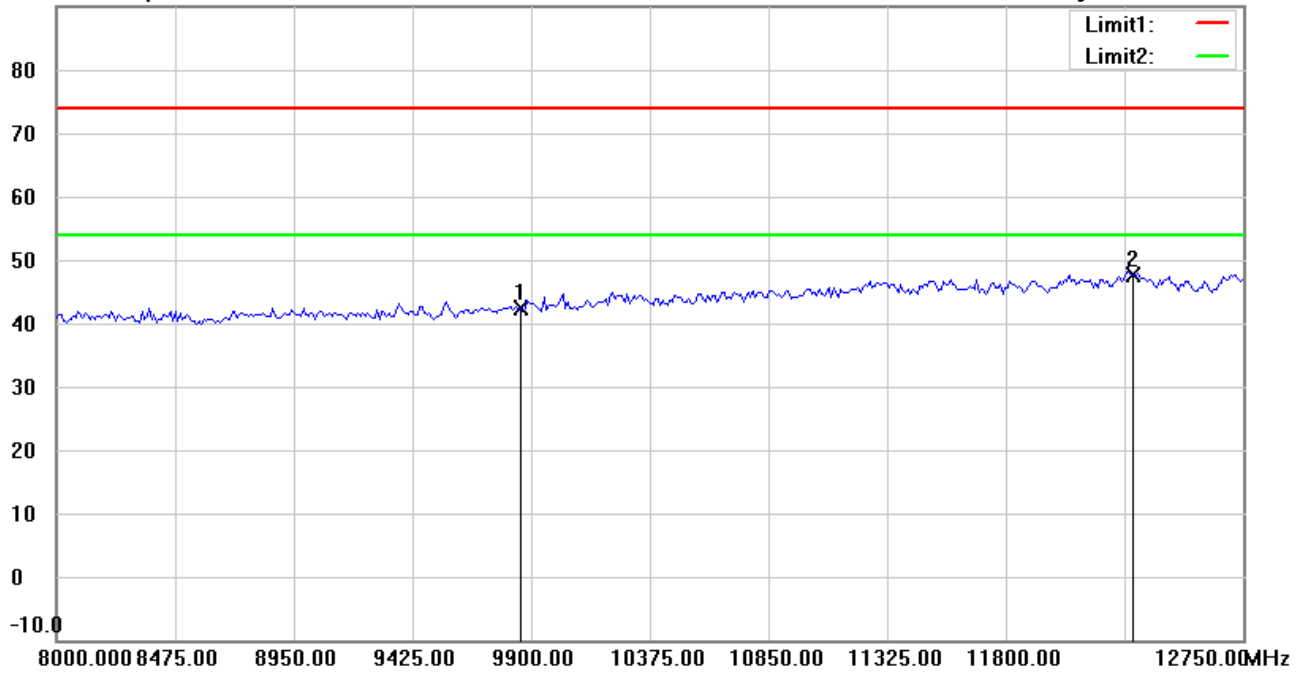
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 1:19:18 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.35	peak	6.96	42.31	74.00	150	169	-31.69	
*	12310.000	35.53	peak	12.18	47.71	74.00	150	230	-26.29	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

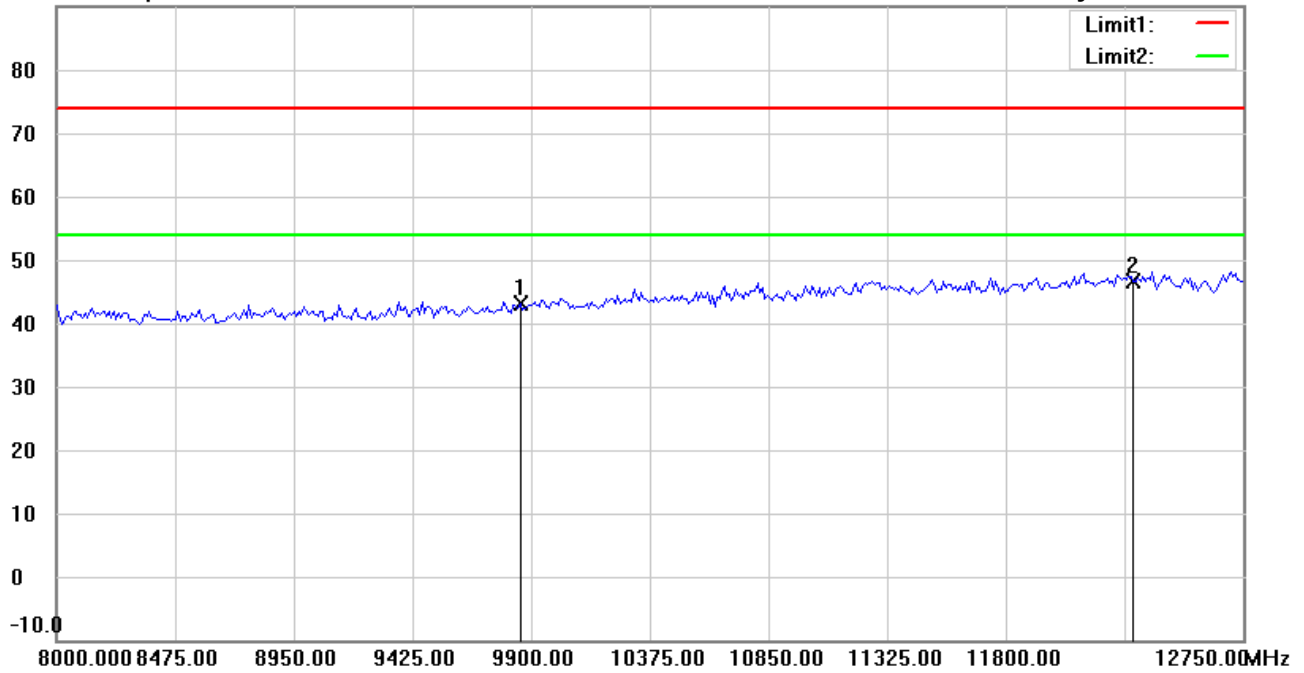
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 1:22:42 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	36.21	peak	6.96	43.17	74.00	150	285	-30.83	
*	12310.000	34.41	peak	12.18	46.59	74.00	150	213	-27.41	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

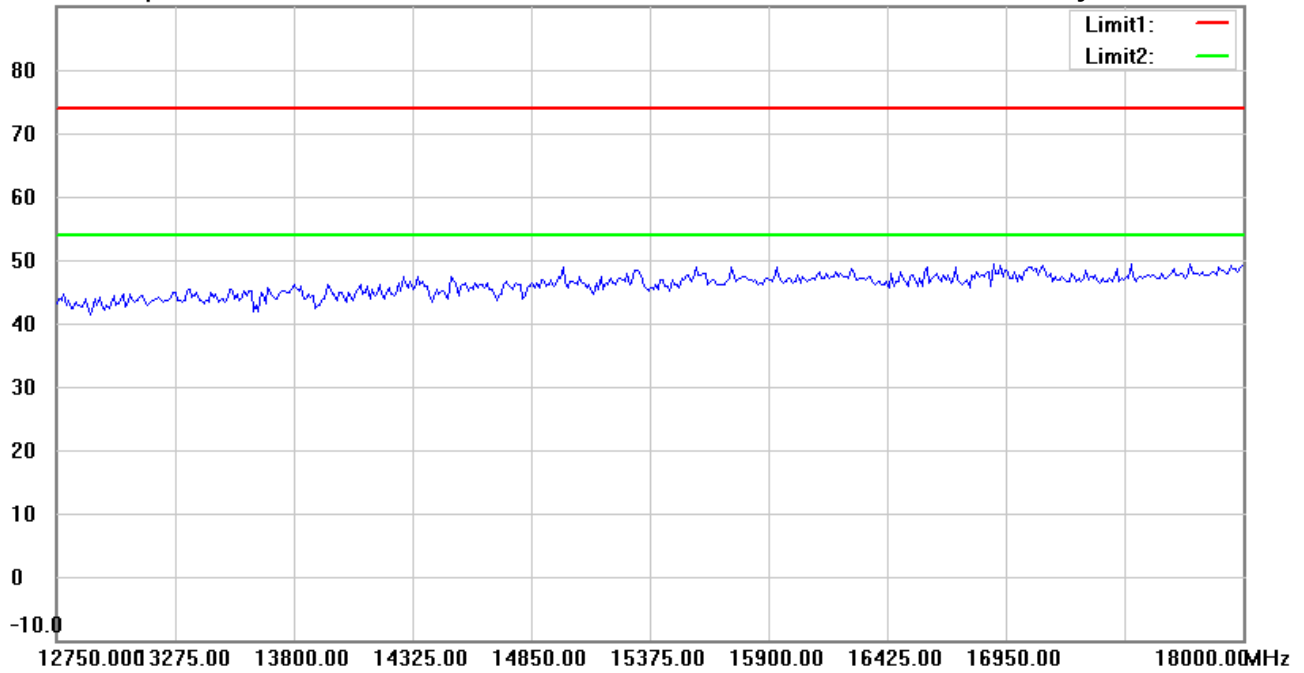
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 1:19:32 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

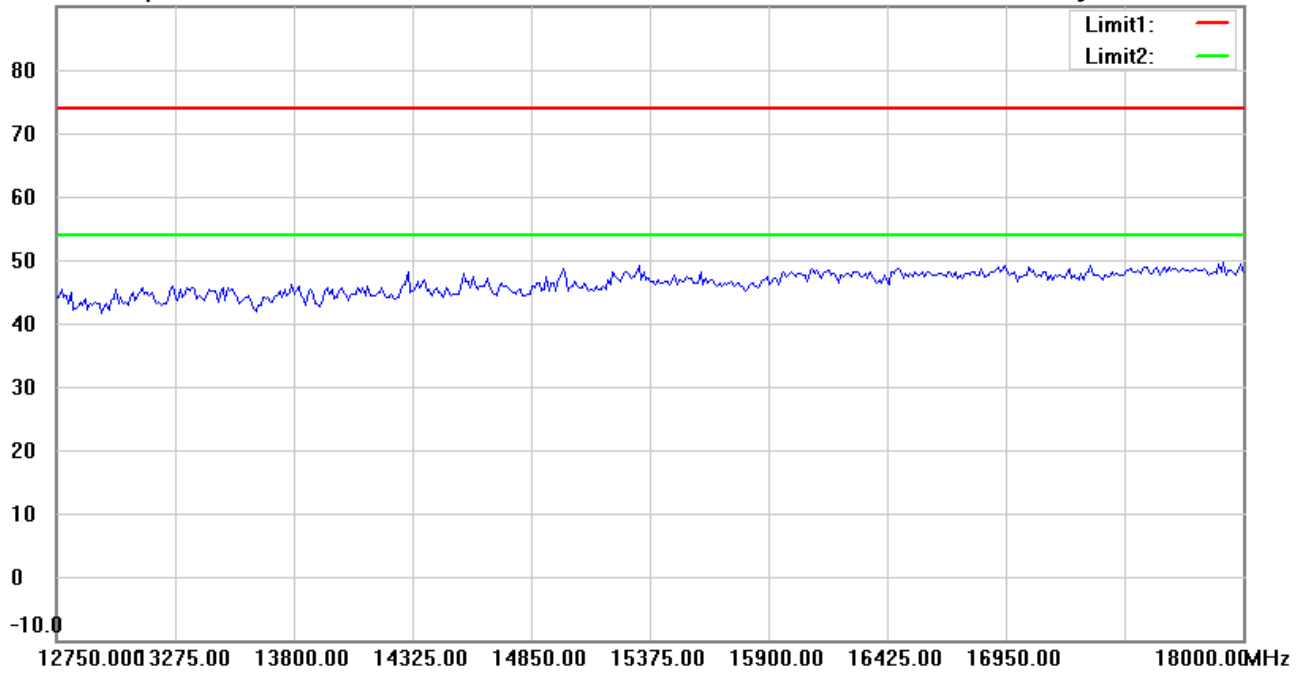
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 1:22:56 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

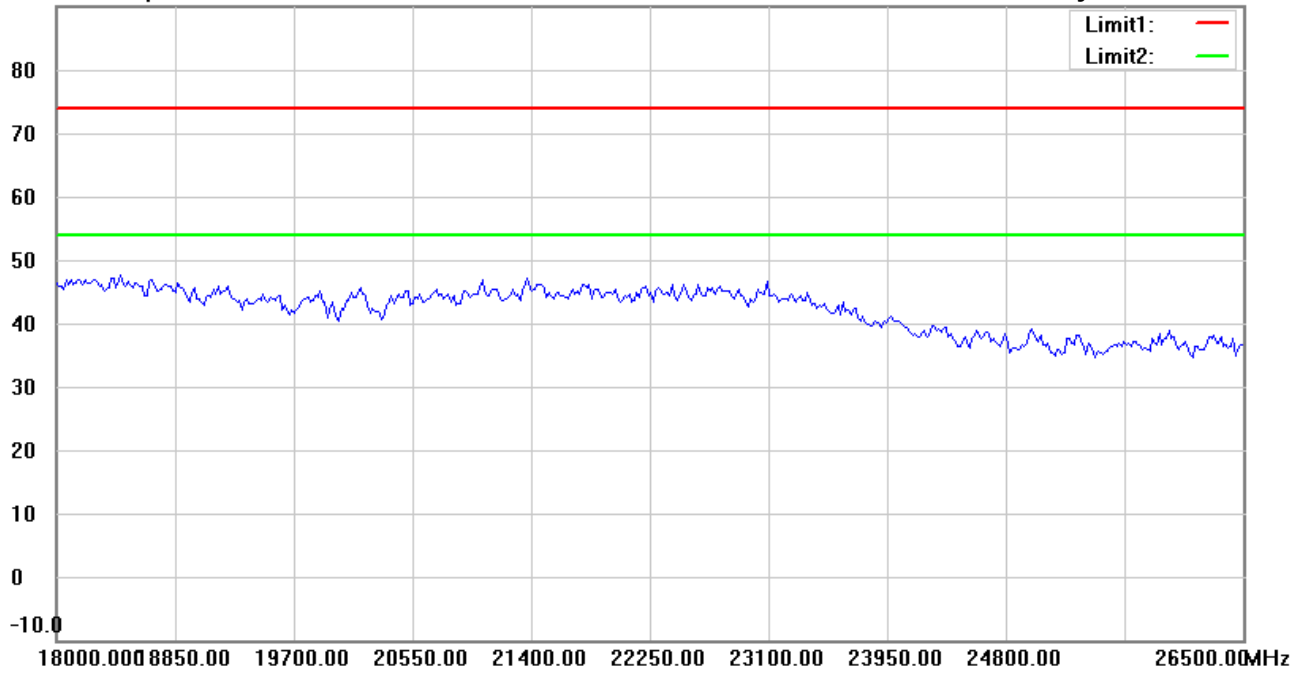
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 1:19:42 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

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



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**Radiated Emission Measurement**

Operator: Leon

File :3

Data :#10

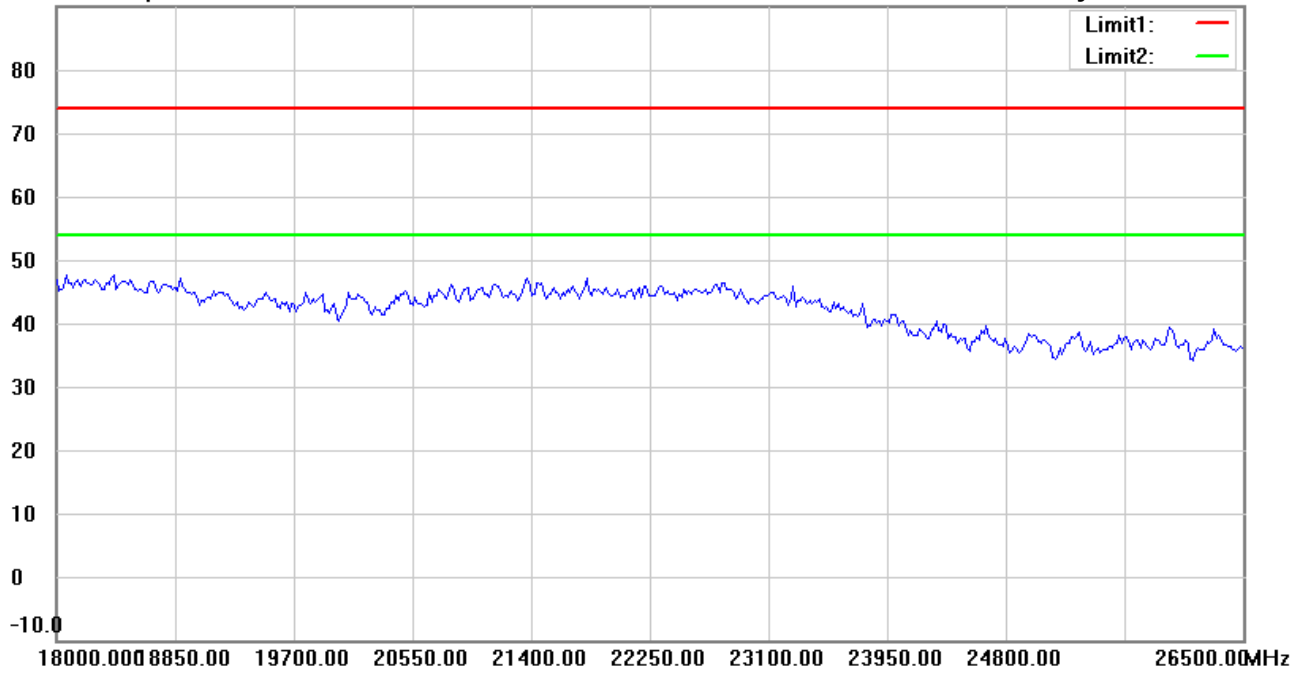
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 1:23:06 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



Radiated Emission Measurement

Operator: Allen

File :1\_WiFi 2

Data :#1

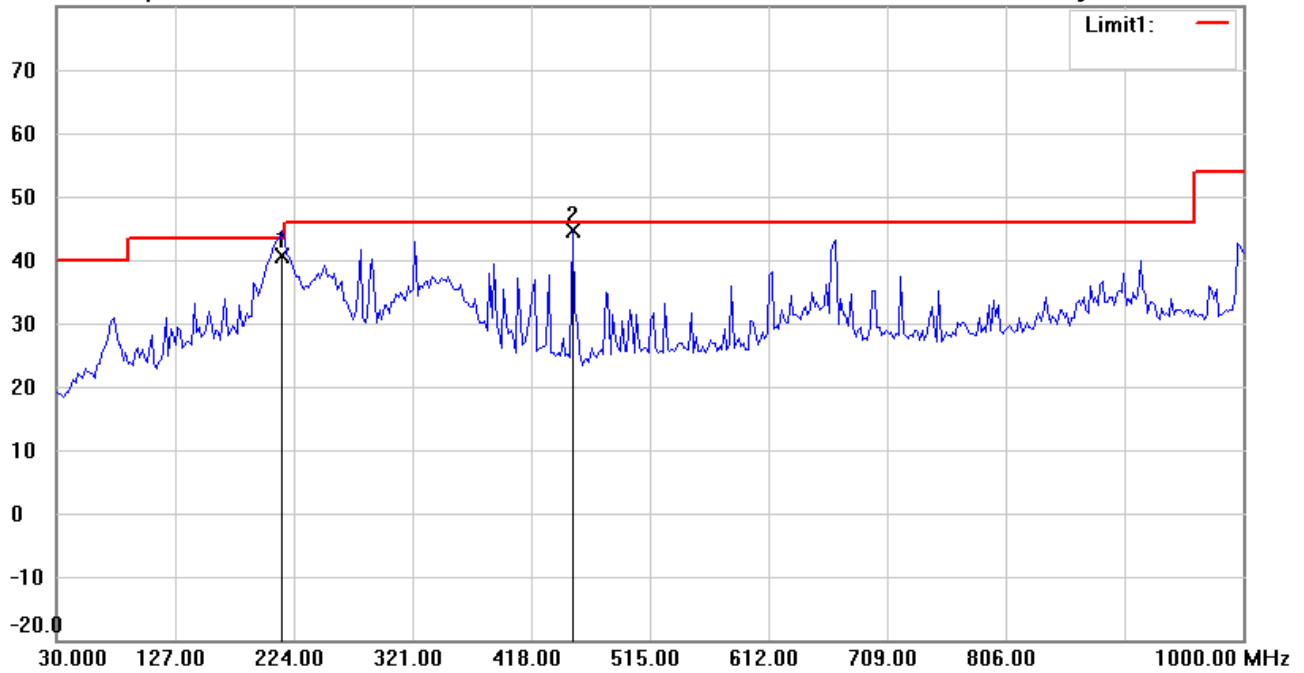
Date: 3/5/2020

Temperature:22.8 °C

80.0 dBuV/m

Time: 5:08:52 AM

Humidity:56.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	214.6693	51.20	QP	-10.49	40.71	43.50	100	45	-2.79	
*	451.8236	48.17	QP	-3.51	44.66	46.00	100	220	-1.34	



Radiated Emission Measurement

Operator: Allen

File :1\_WiFi 2

Data :#2

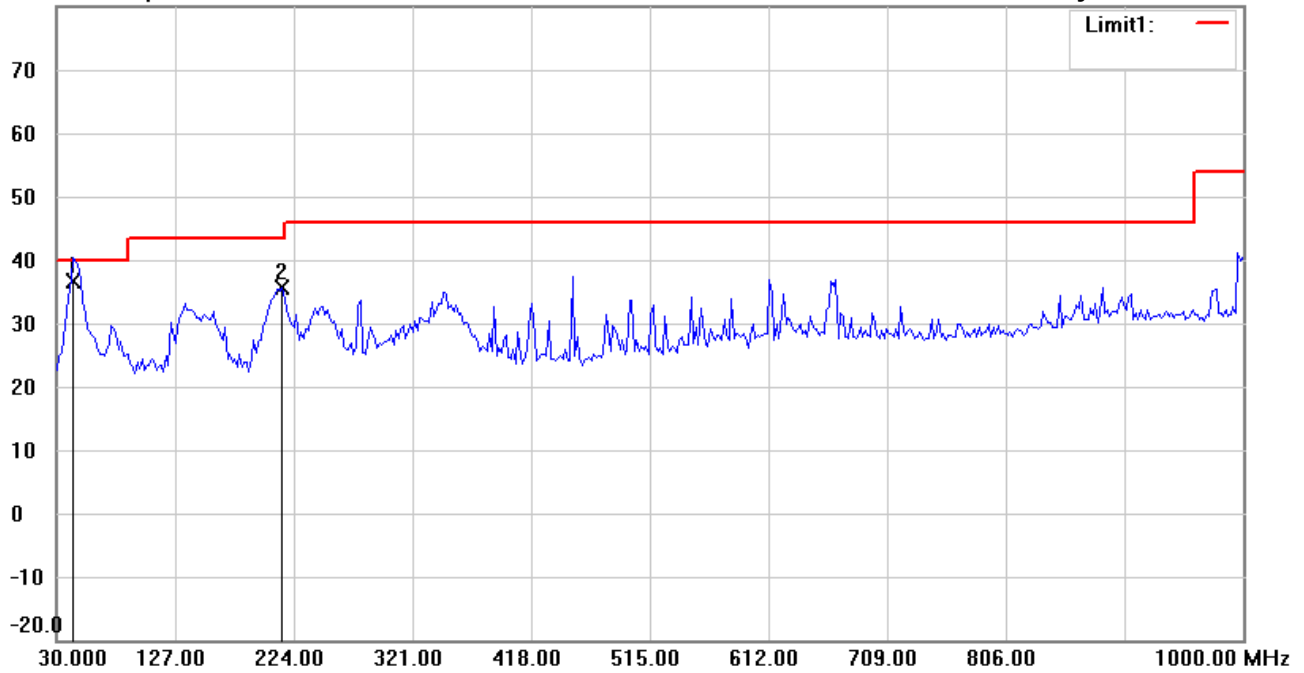
Date: 3/5/2020

Temperature:22.8 °C

80.0 dBuV/m

Time: 5:09:51 AM

Humidity:56.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	43.6072	46.15	QP	-9.61	36.54	40.00	100	40	-3.46	
	214.6693	46.06	peak	-10.49	35.57	43.50	100	265	-7.93	





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

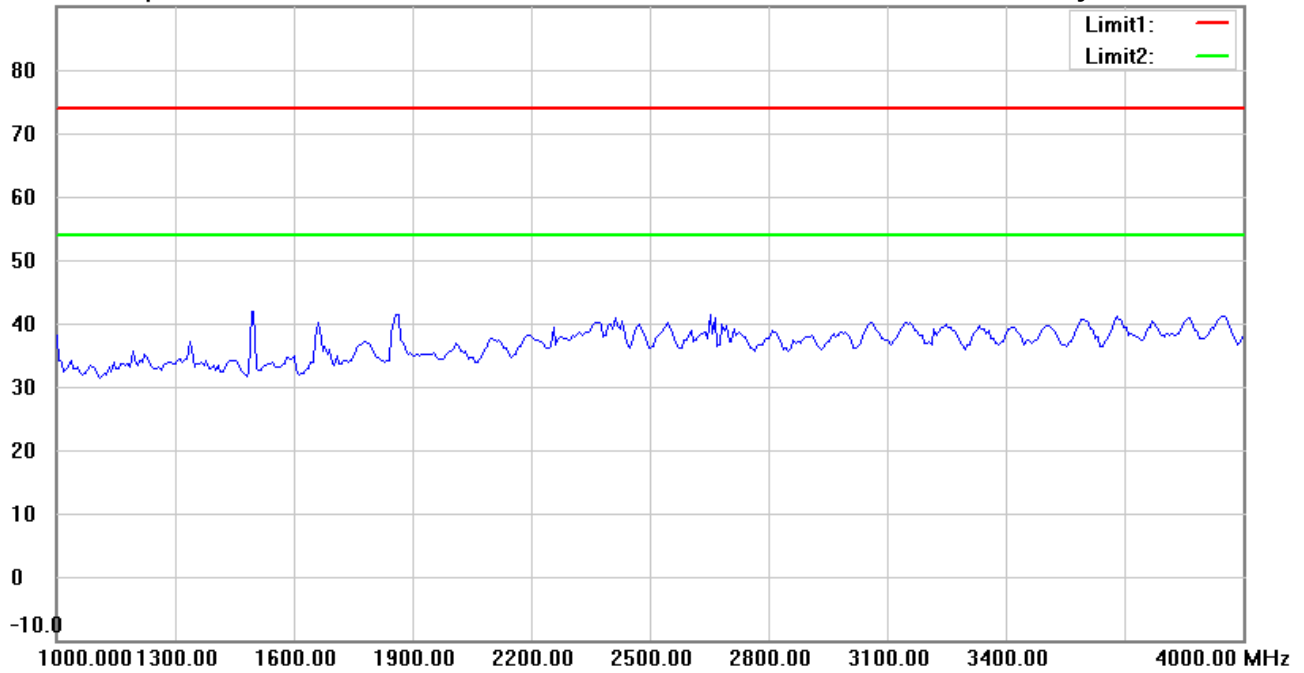
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 2:38:38 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

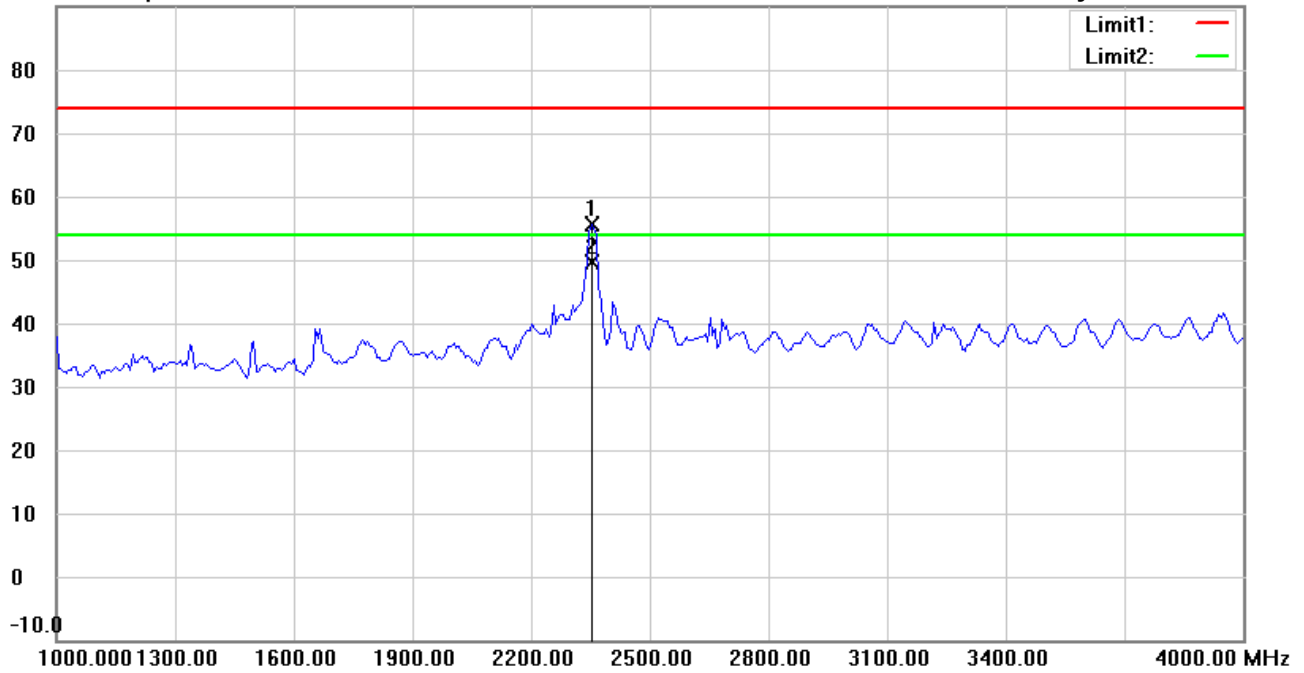
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 2:42:09 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	2352.084	61.80	peak	-6.11	55.69	74.00	175	205	-18.31	
*	2352.084	55.68	AVG	-6.11	49.57	54.00	175	205	-4.43	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

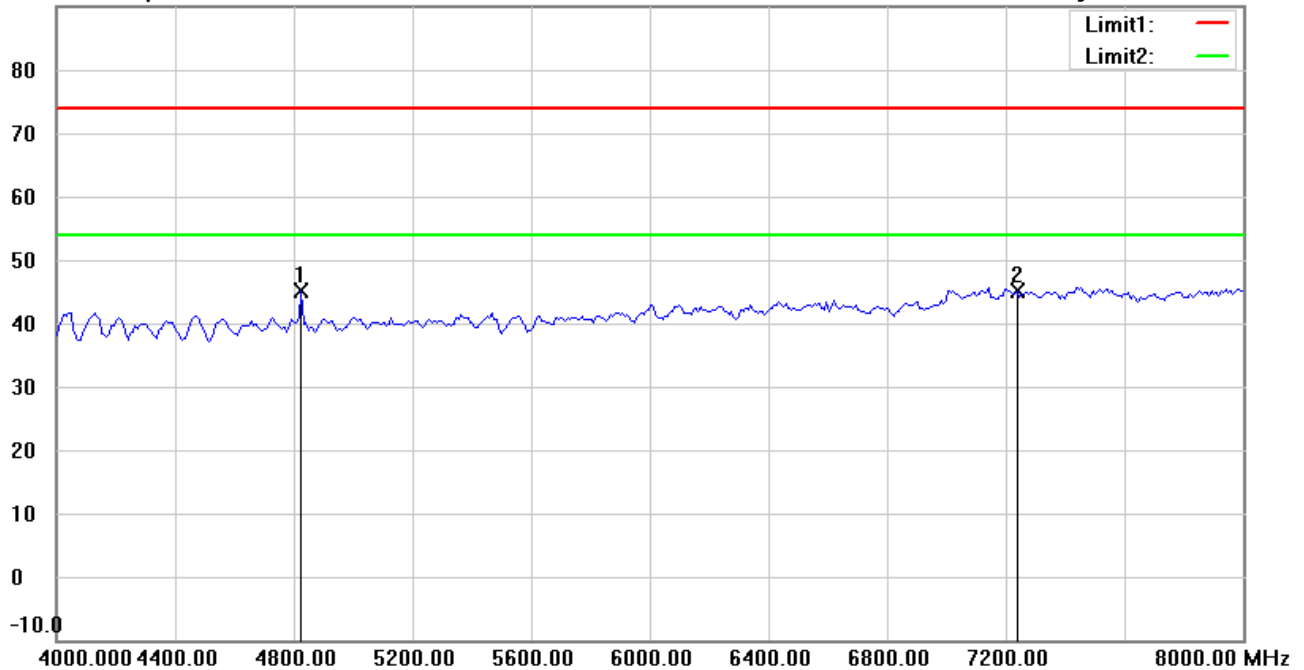
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 2:39:39 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4825.651	47.00	peak	-1.87	45.13	74.00	150	237	-28.87	
	7236.000	41.77	peak	3.28	45.05	74.00	150	306	-28.95	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

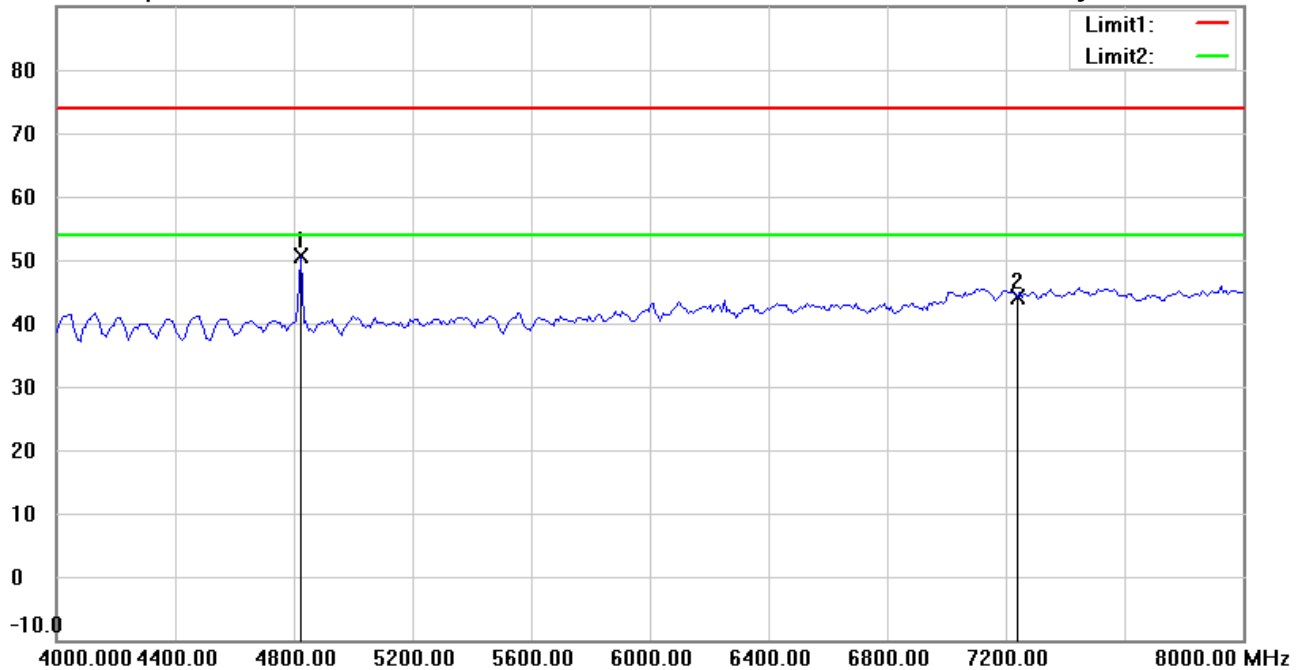
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 2:43:10 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4825.651	52.62	peak	-1.87	50.75	74.00	150	231	-23.25	
	7236.000	40.90	peak	3.28	44.18	74.00	150	56	-29.82	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

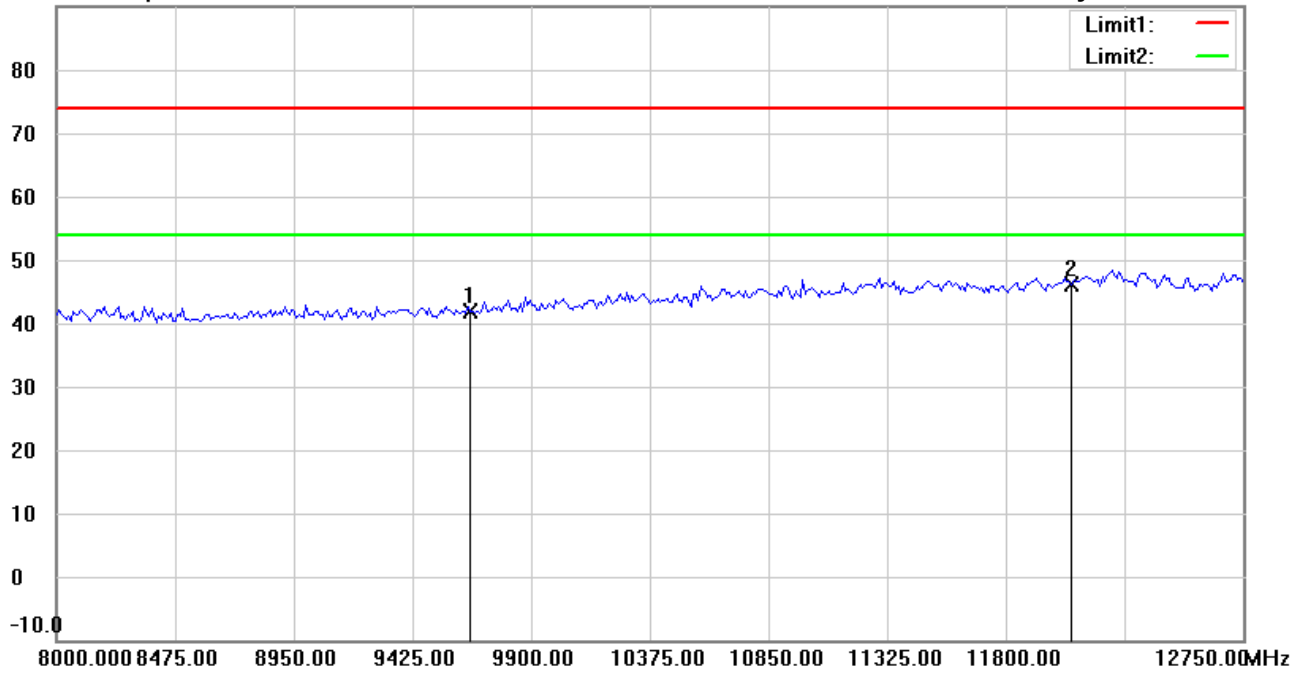
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 2:40:46 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.34	peak	6.60	41.94	74.00	150	96	-32.06	
*	12060.000	33.87	peak	12.21	46.08	74.00	150	214	-27.92	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

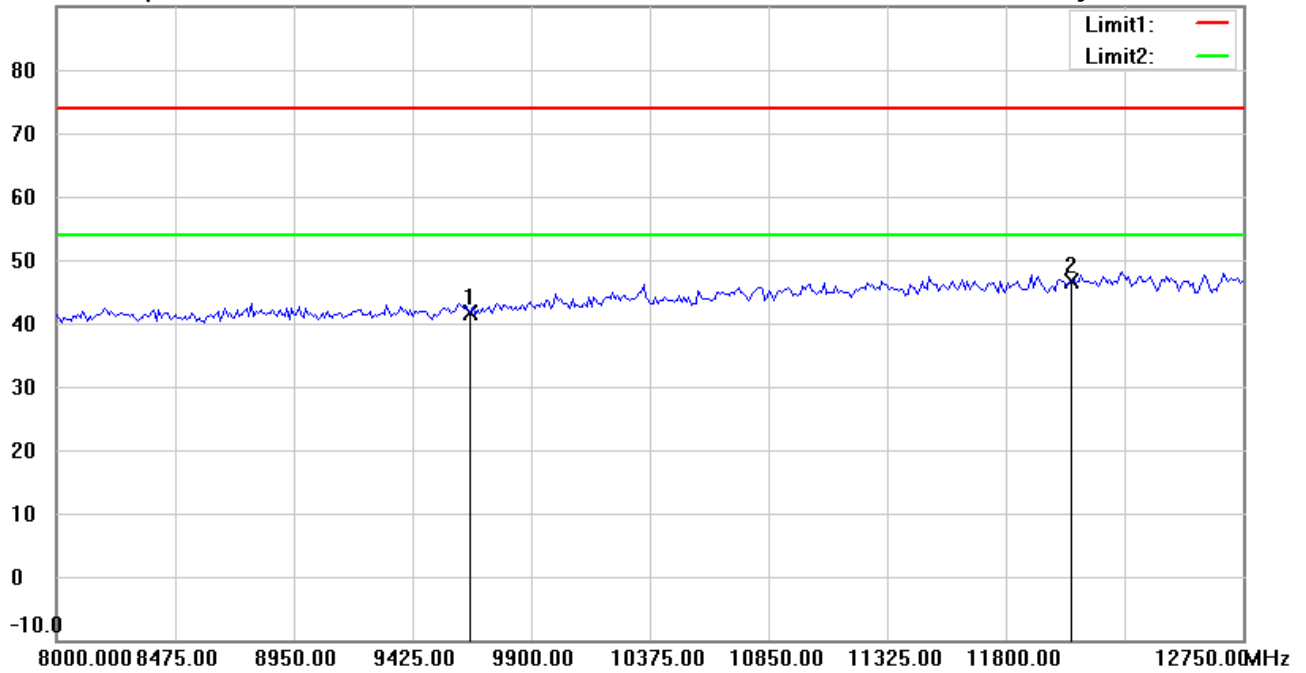
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 2:44:09 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.05	peak	6.60	41.65	74.00	150	51	-32.35	
*	12060.000	34.47	peak	12.21	46.68	74.00	150	276	-27.32	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

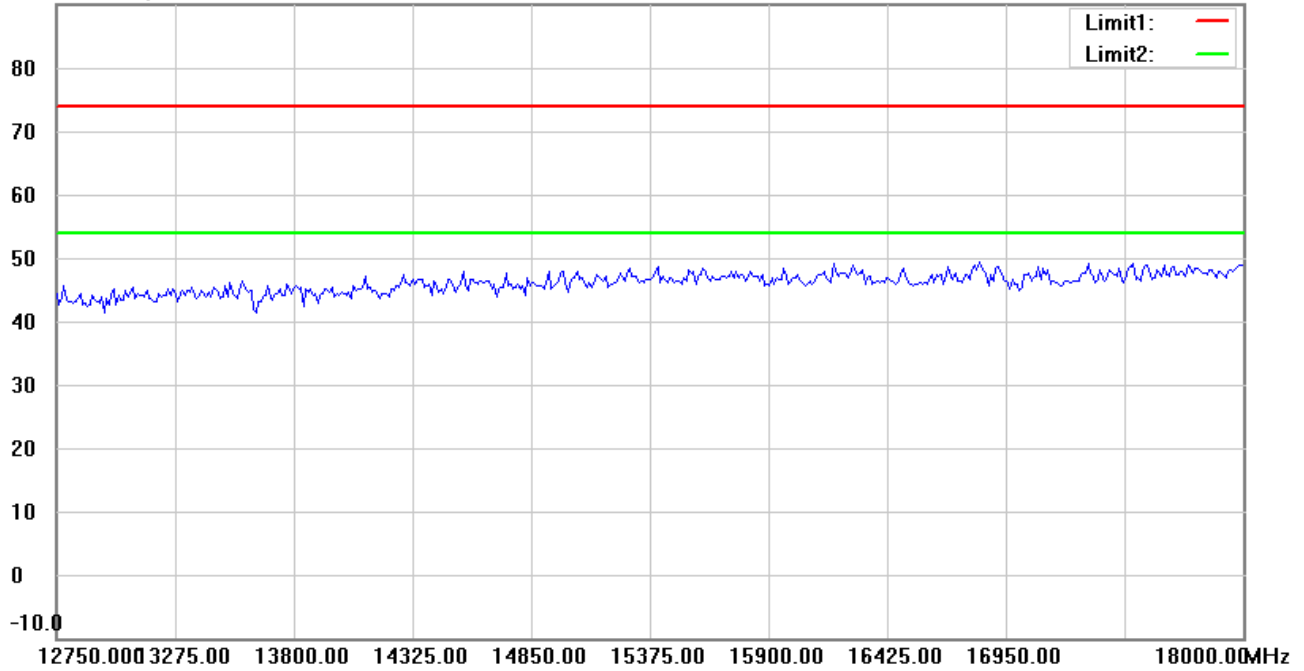
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 2:40:59 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

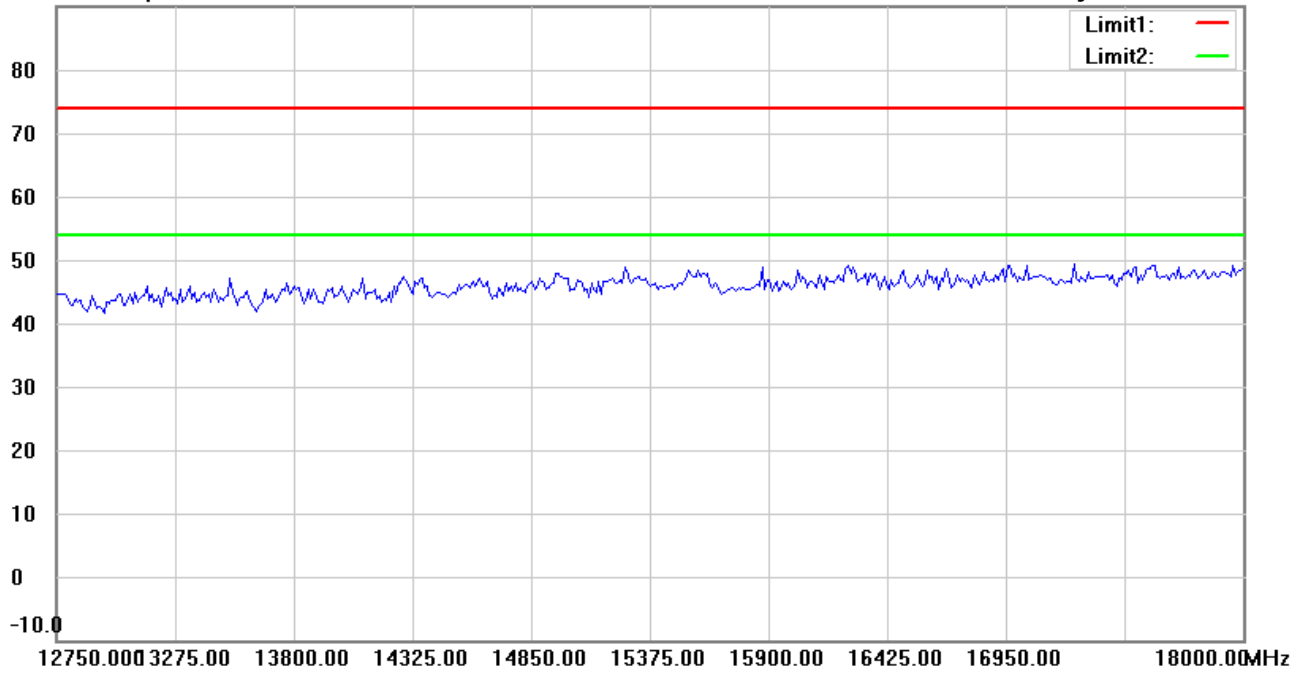
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 2:44:23 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

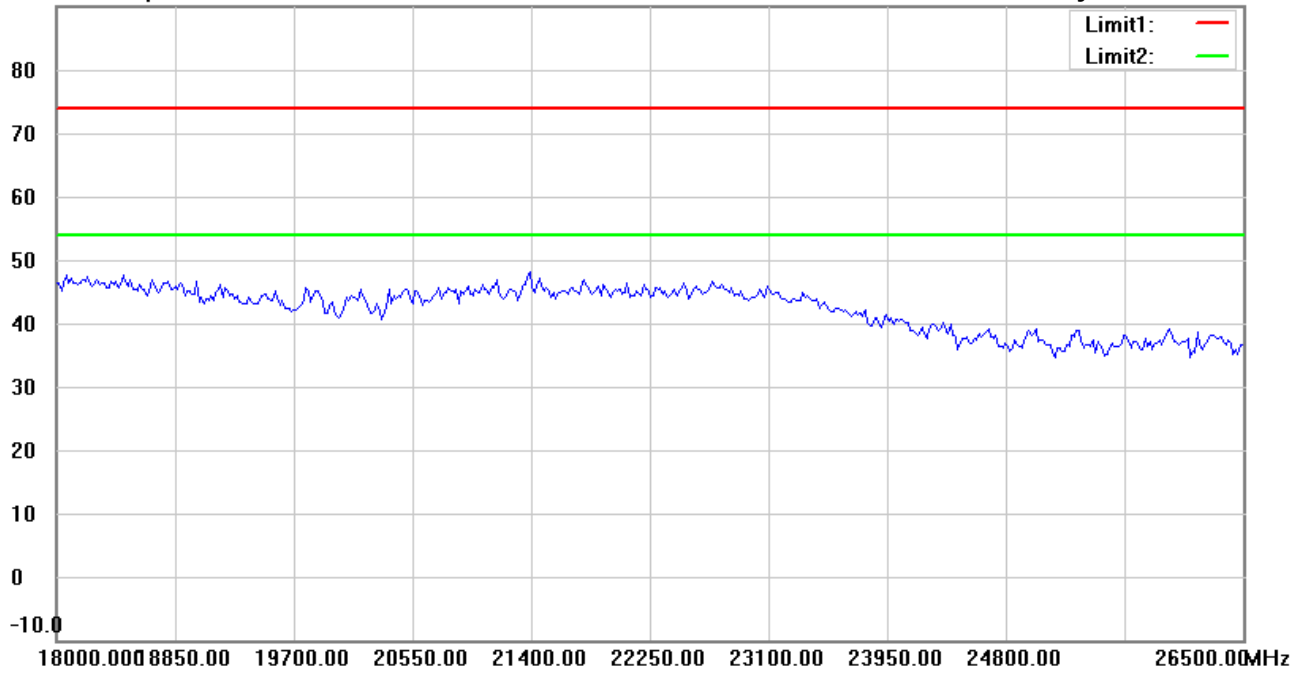
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 2:41:09 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

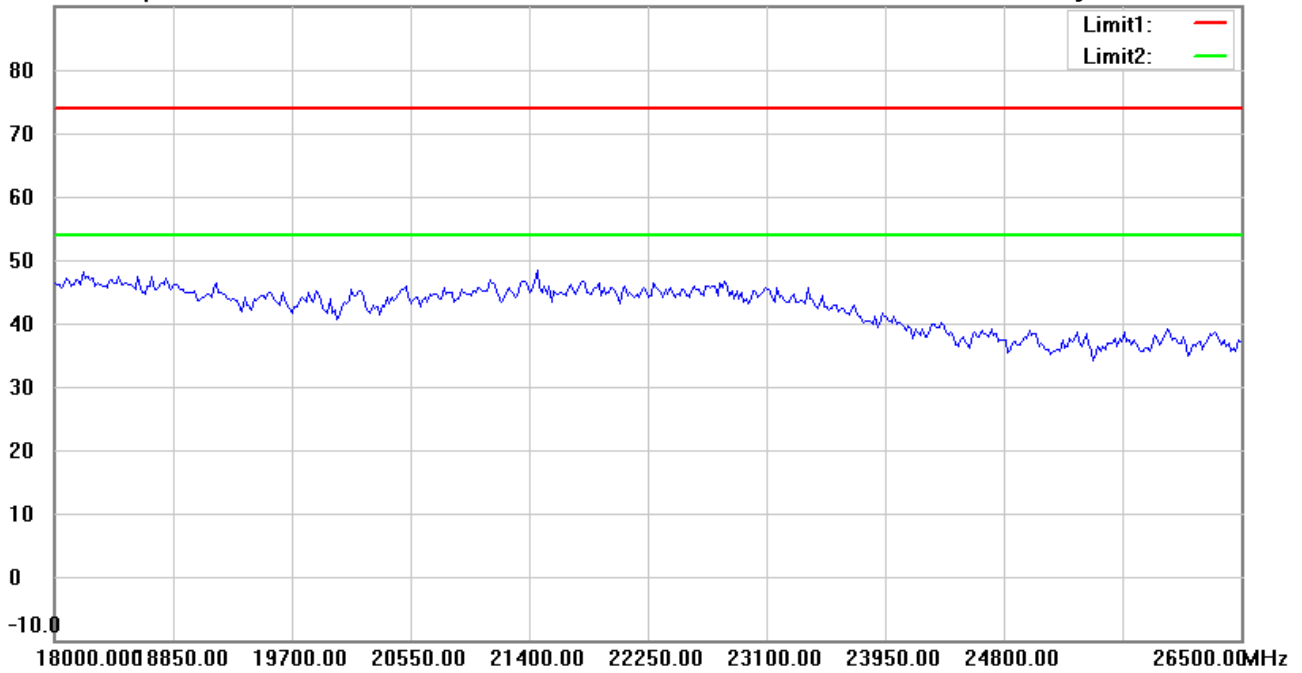
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 2:44:33 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

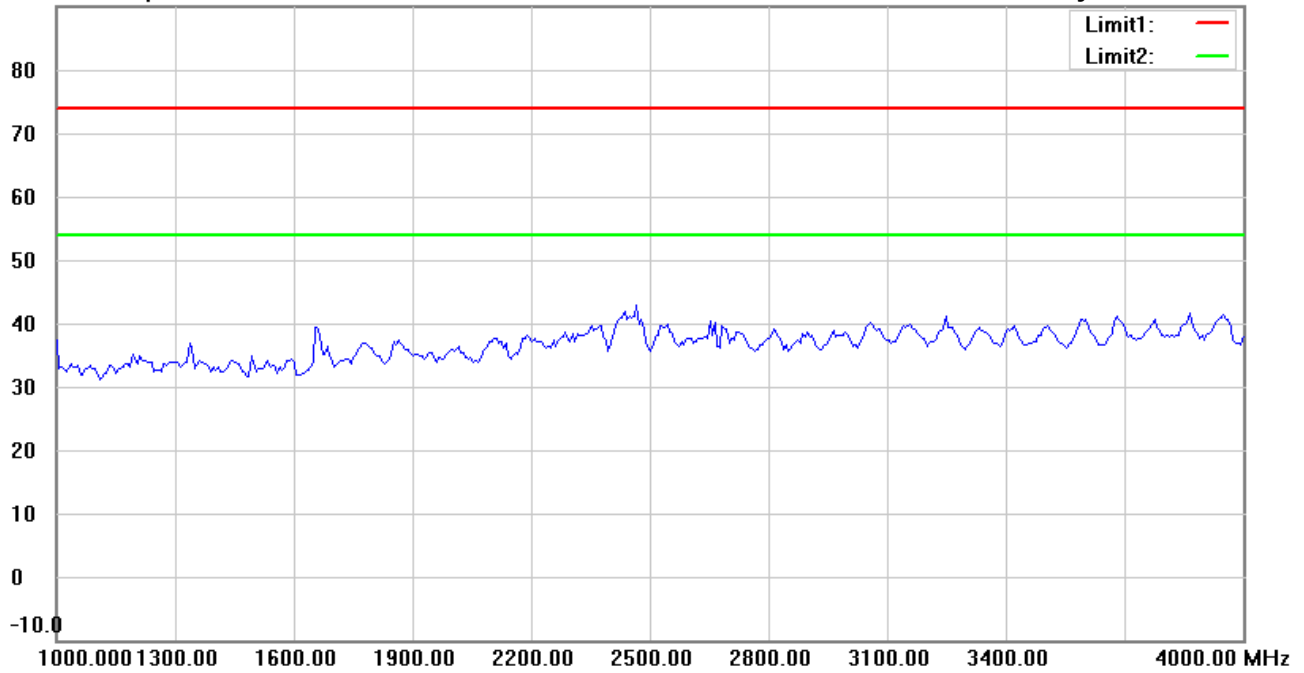
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:19:03 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

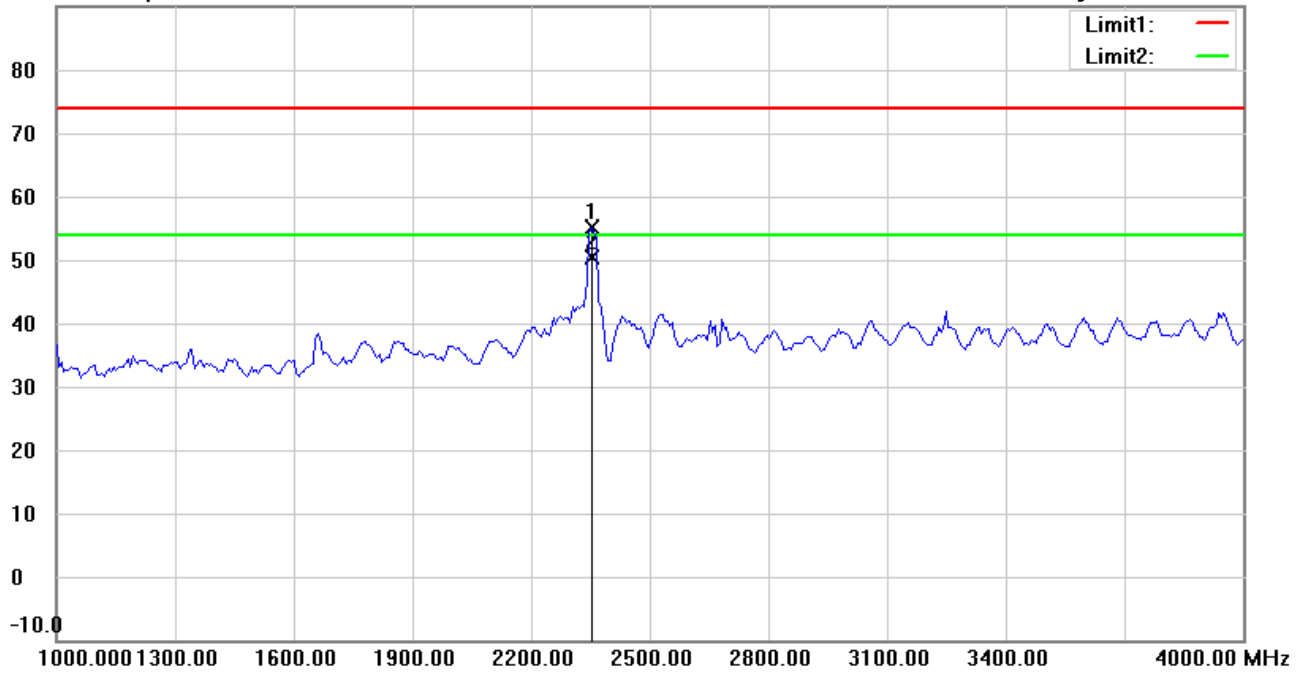
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:22:33 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	2352.705	61.13	peak	-6.11	55.02	74.00	157	215	-18.98	
*	2352.705	56.37	AVG	-6.11	50.26	54.00	157	215	-3.74	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

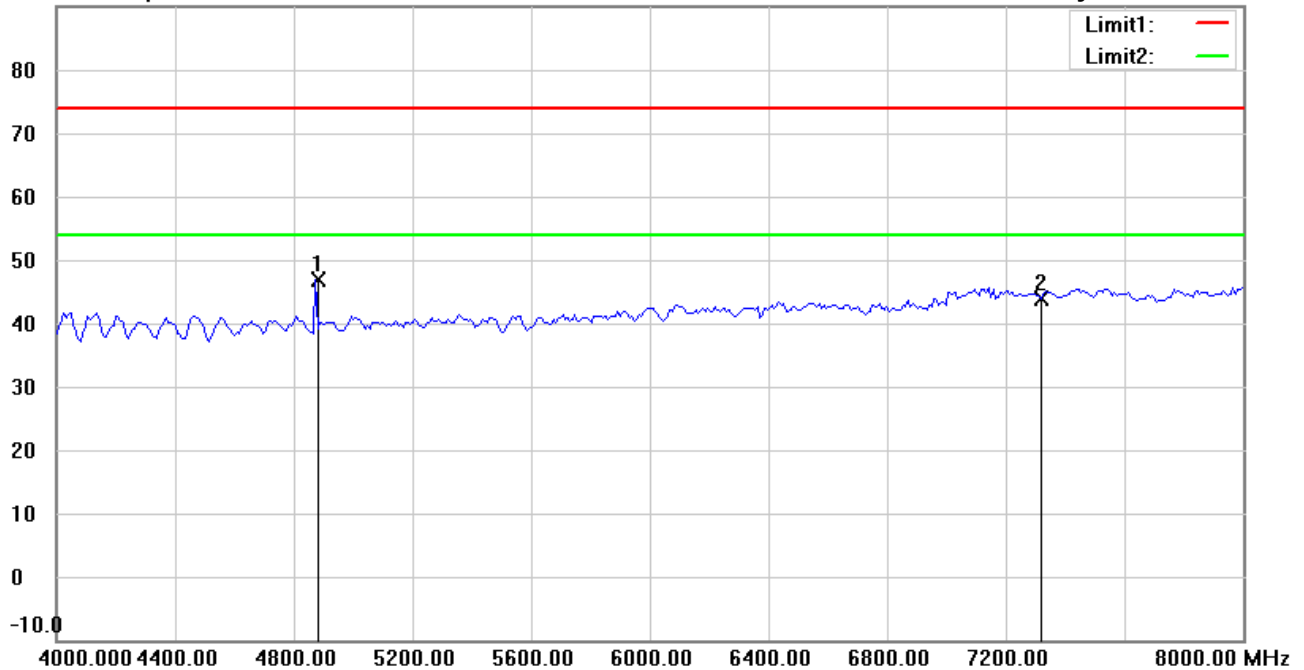
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:20:03 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	48.47	peak	-1.70	46.77	74.00	150	173	-27.23	
	7311.000	40.43	peak	3.42	43.85	74.00	150	275	-30.15	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

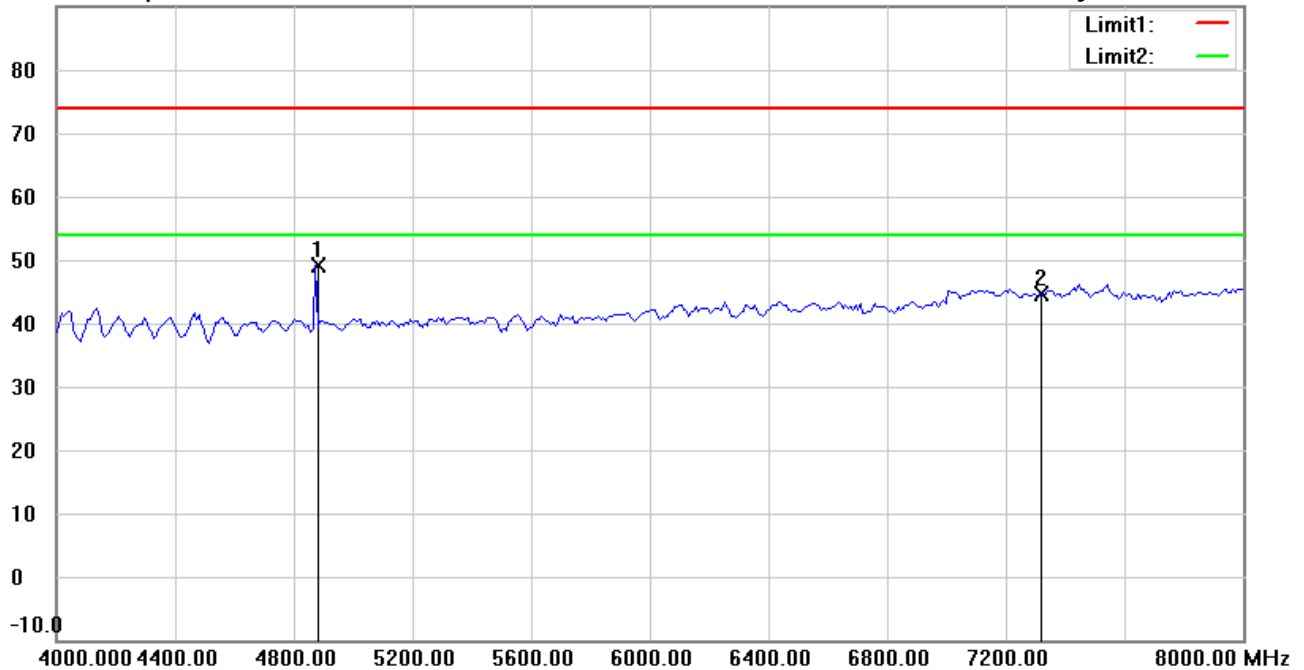
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:23:34 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	50.75	peak	-1.70	49.05	74.00	150	146	-24.95	
	7311.000	41.17	peak	3.42	44.59	74.00	150	255	-29.41	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

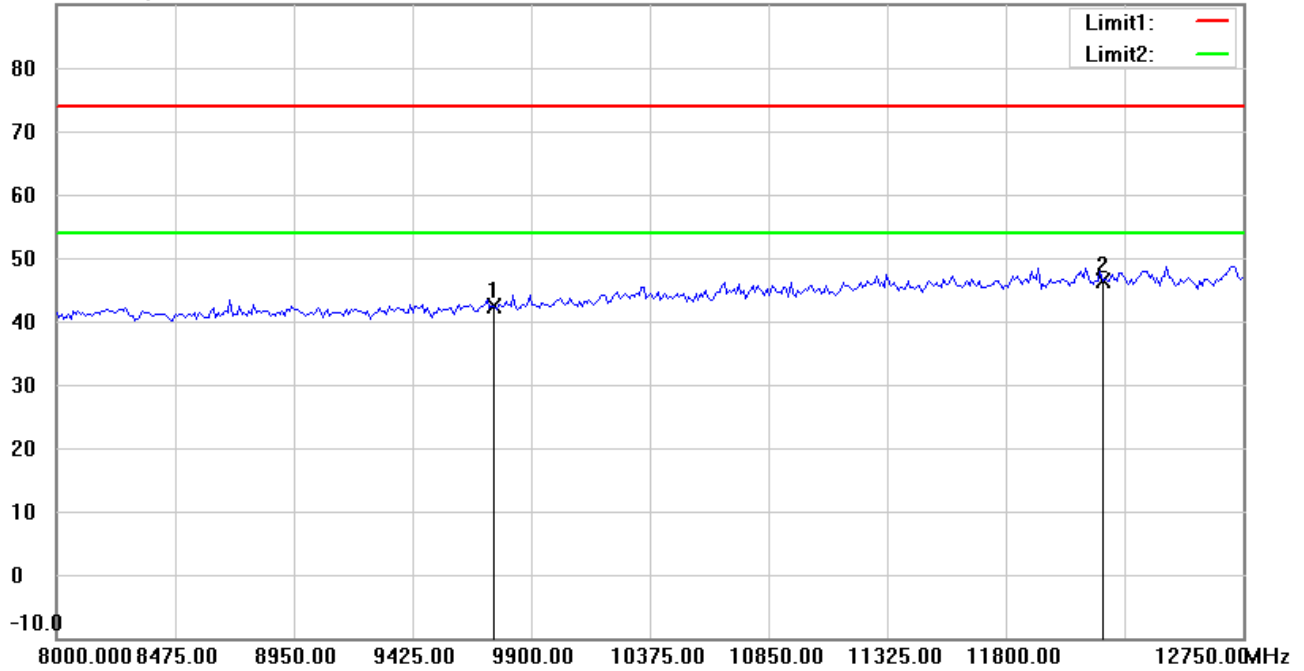
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:21:09 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.74	peak	6.75	42.49	74.00	150	128	-31.51	
*	12185.000	33.52	peak	12.83	46.35	74.00	150	210	-27.65	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

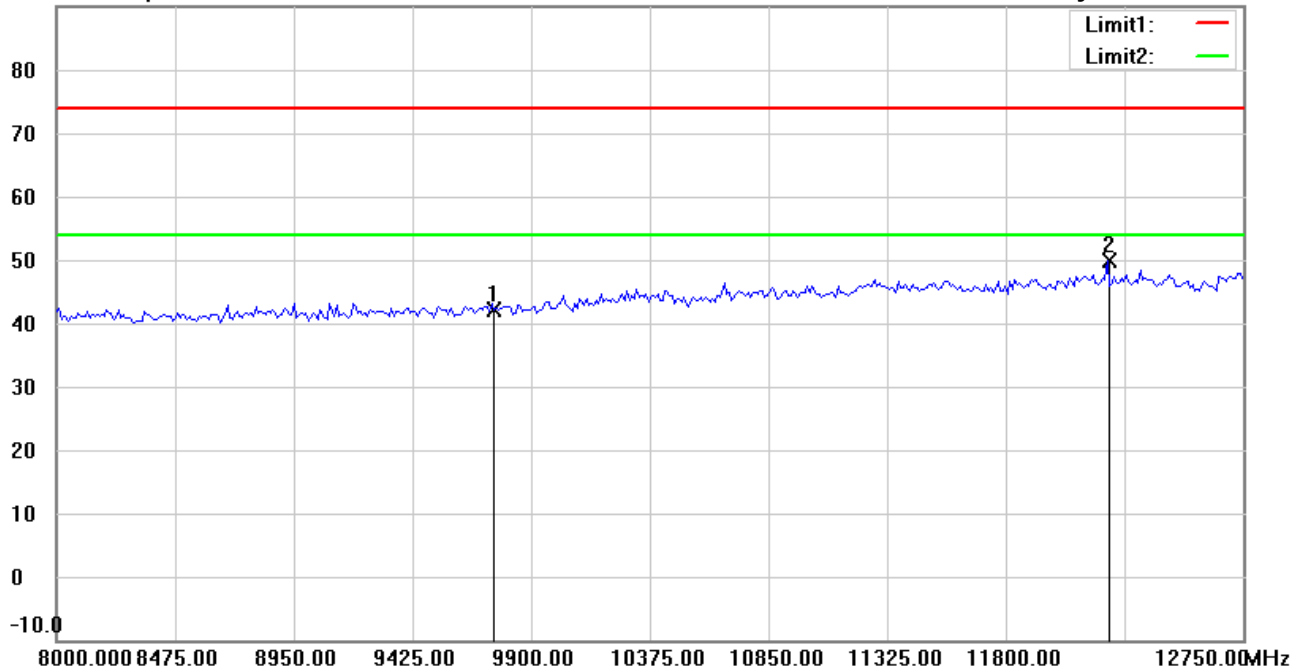
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:24:34 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.33	peak	6.75	42.08	74.00	150	254	-31.92	
*	12207.415	37.02	peak	12.80	49.82	74.00	150	167	-24.18	





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

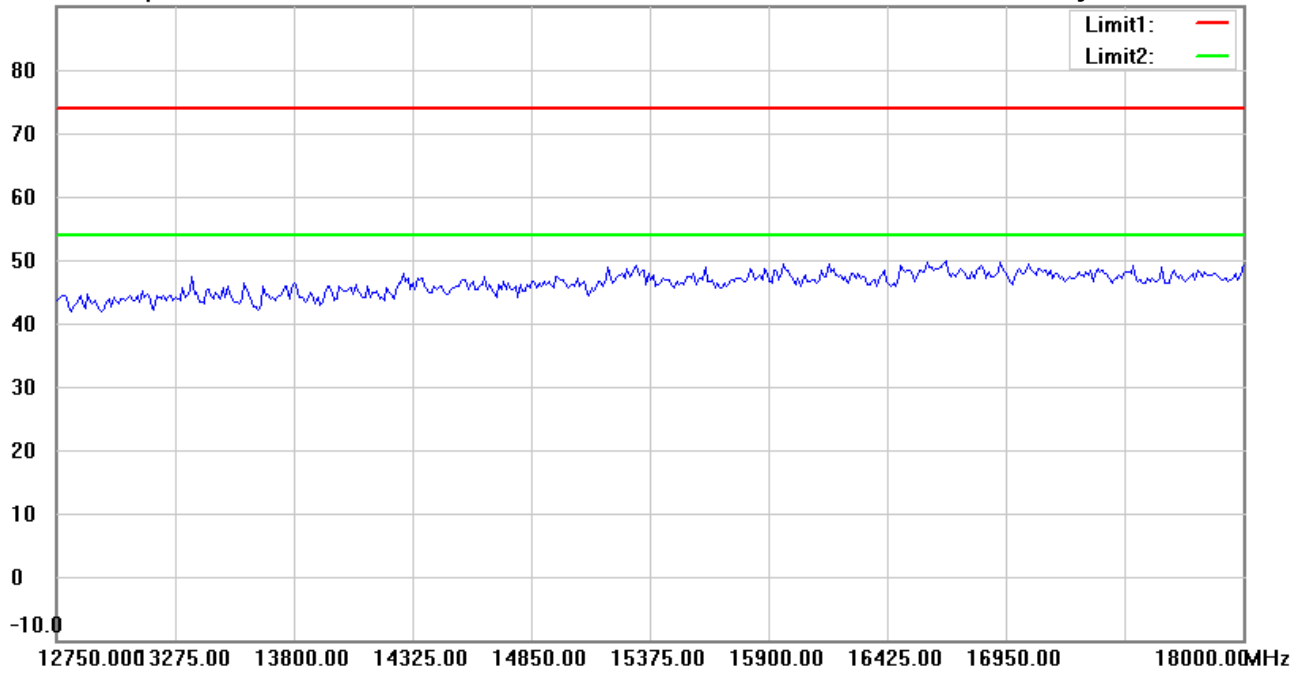
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:21:23 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

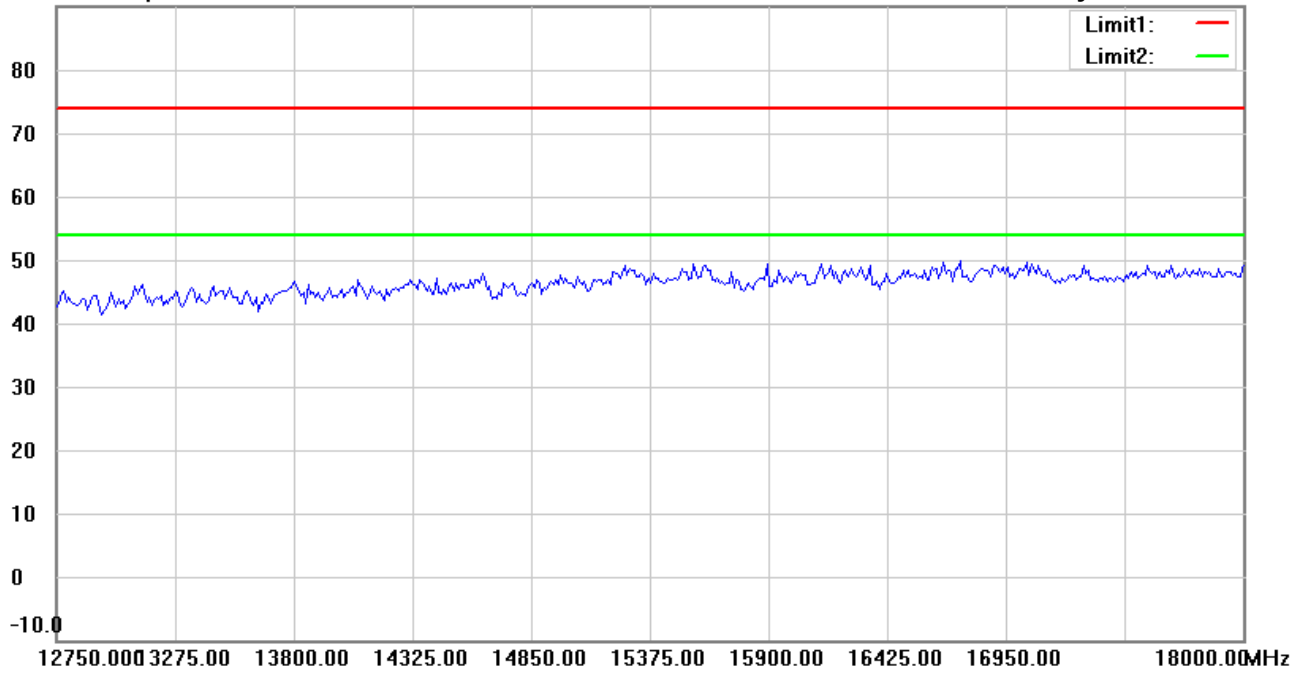
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:24:48 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

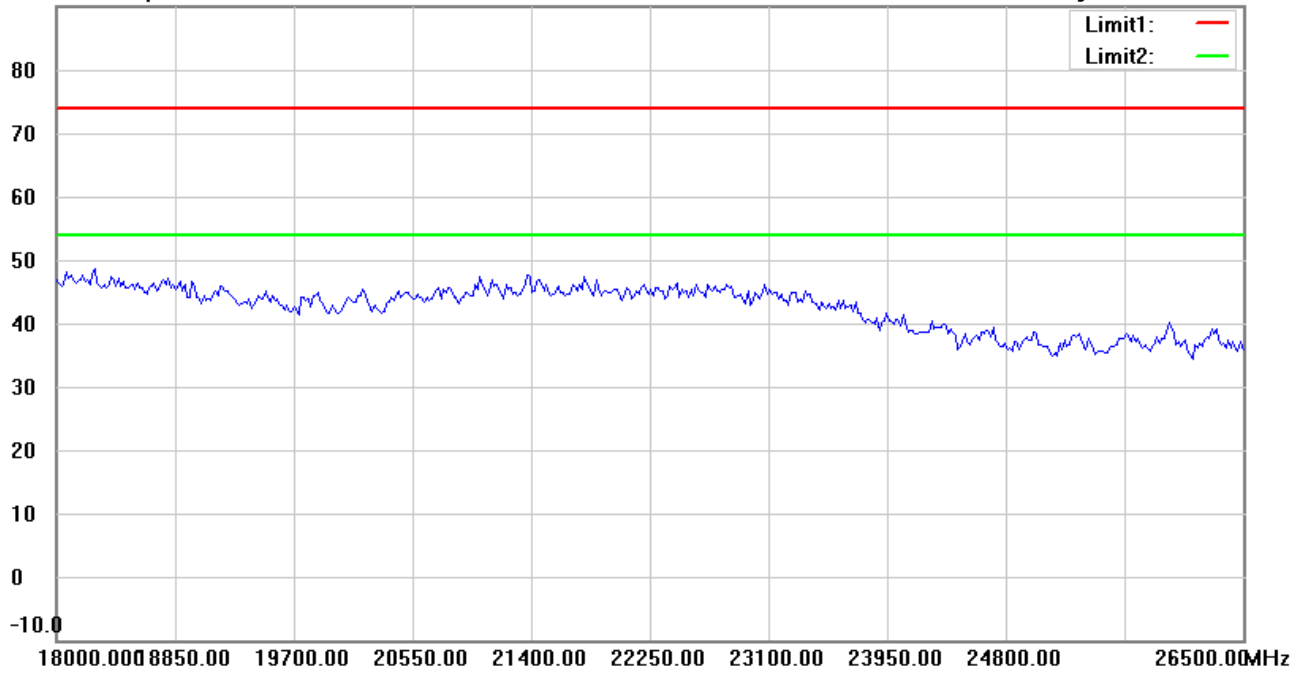
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:21:33 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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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 Tel:+886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

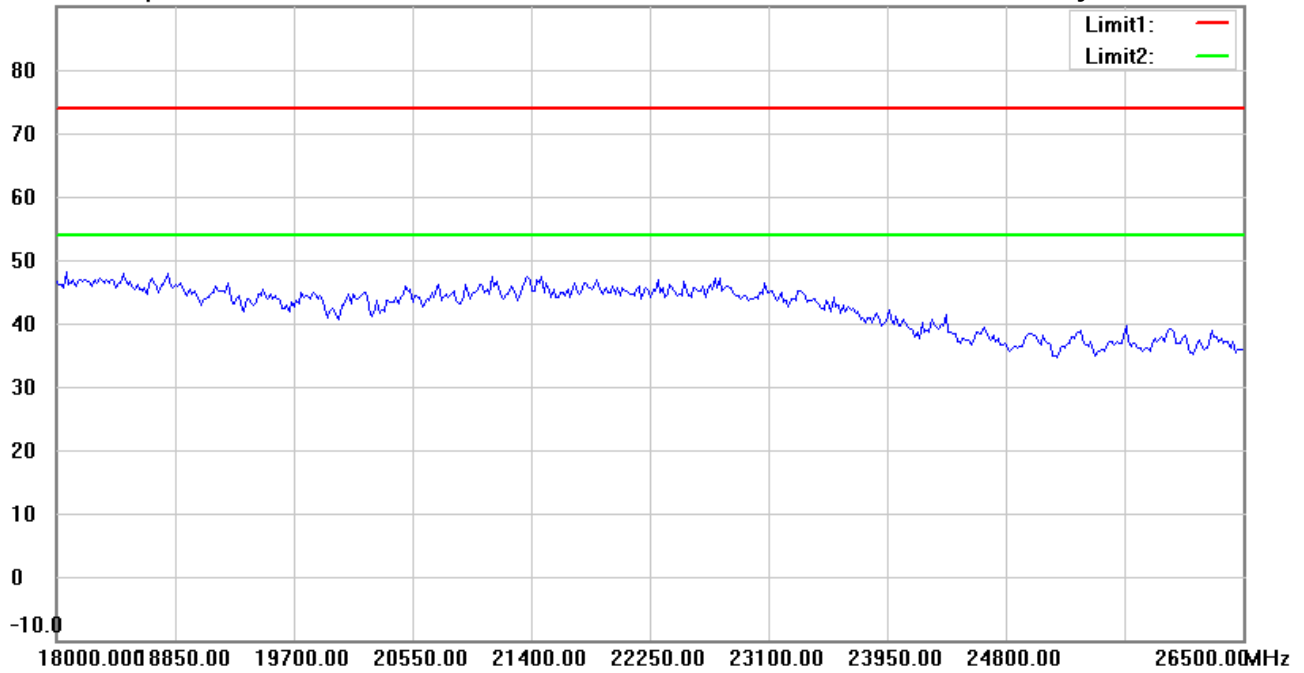
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:24:58 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 3.3 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

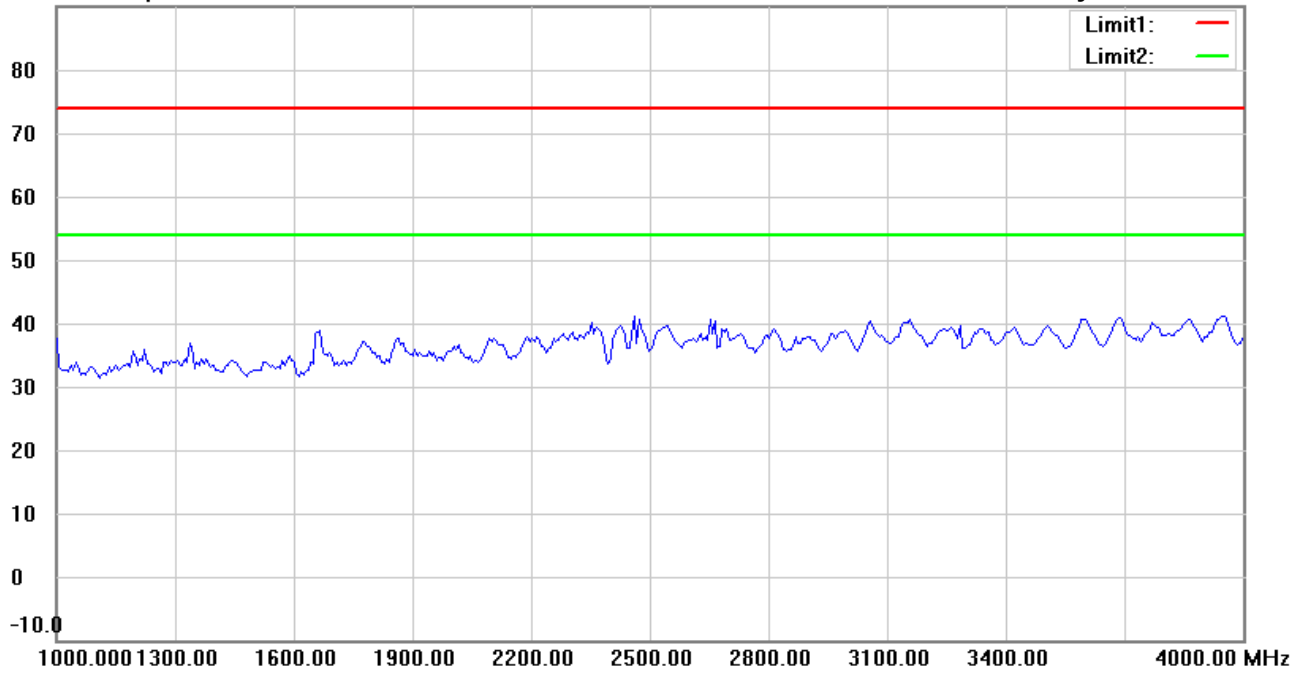
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:37:25 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#6

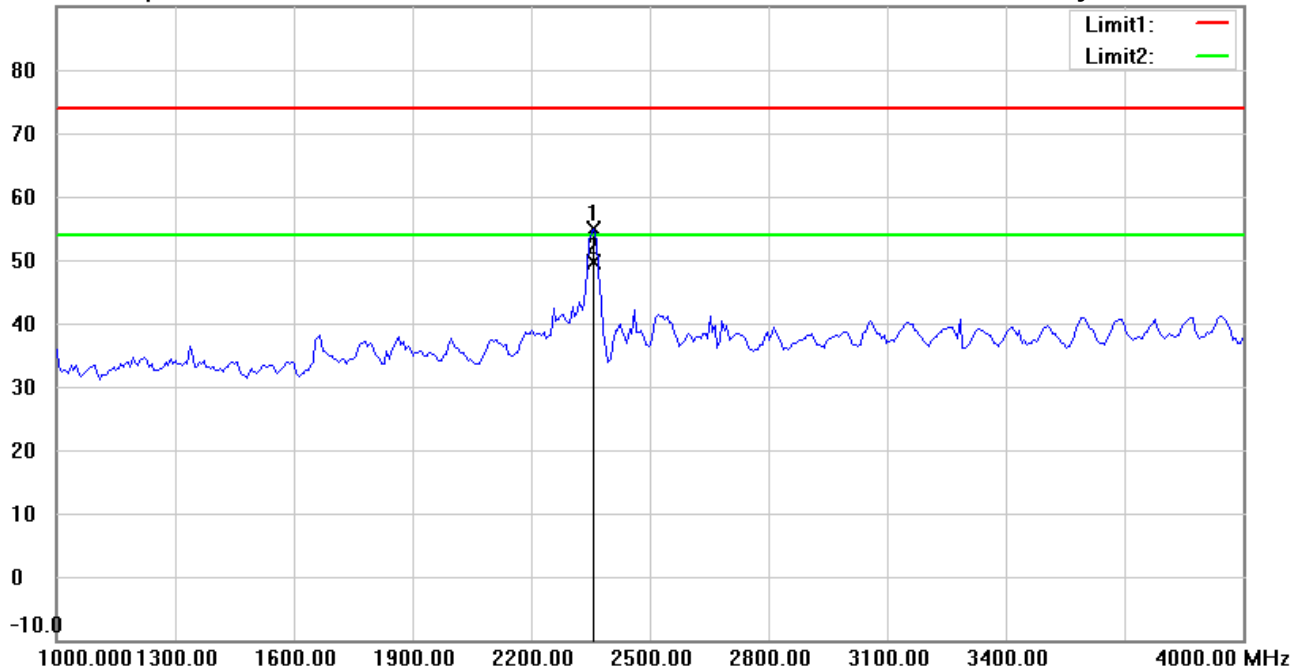
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:40:56 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	2358.717	60.96	peak	-6.05	54.91	74.00	150	221	-19.09	
*	2358.717	55.69	AVG	-6.05	49.64	54.00	150	221	-4.36	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

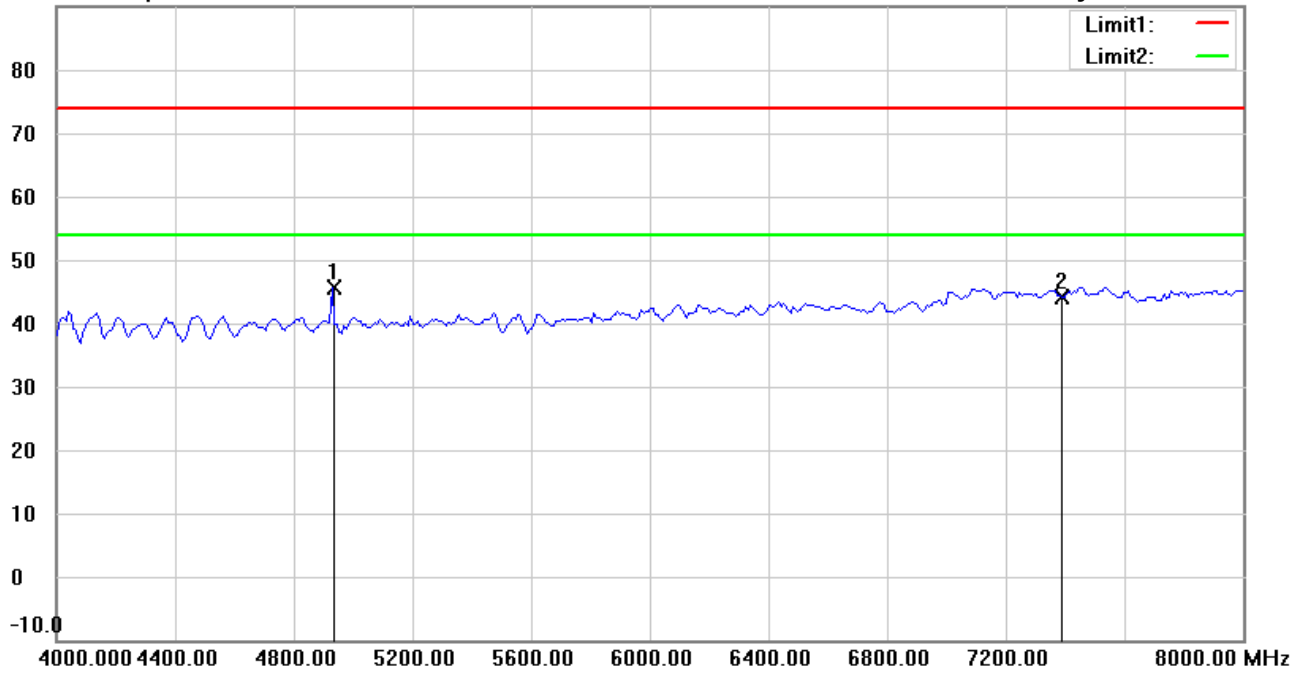
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:38:25 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4929.860	47.22	peak	-1.48	45.74	74.00	150	127	-28.26	
	7386.000	40.43	peak	3.72	44.15	74.00	150	65	-29.85	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

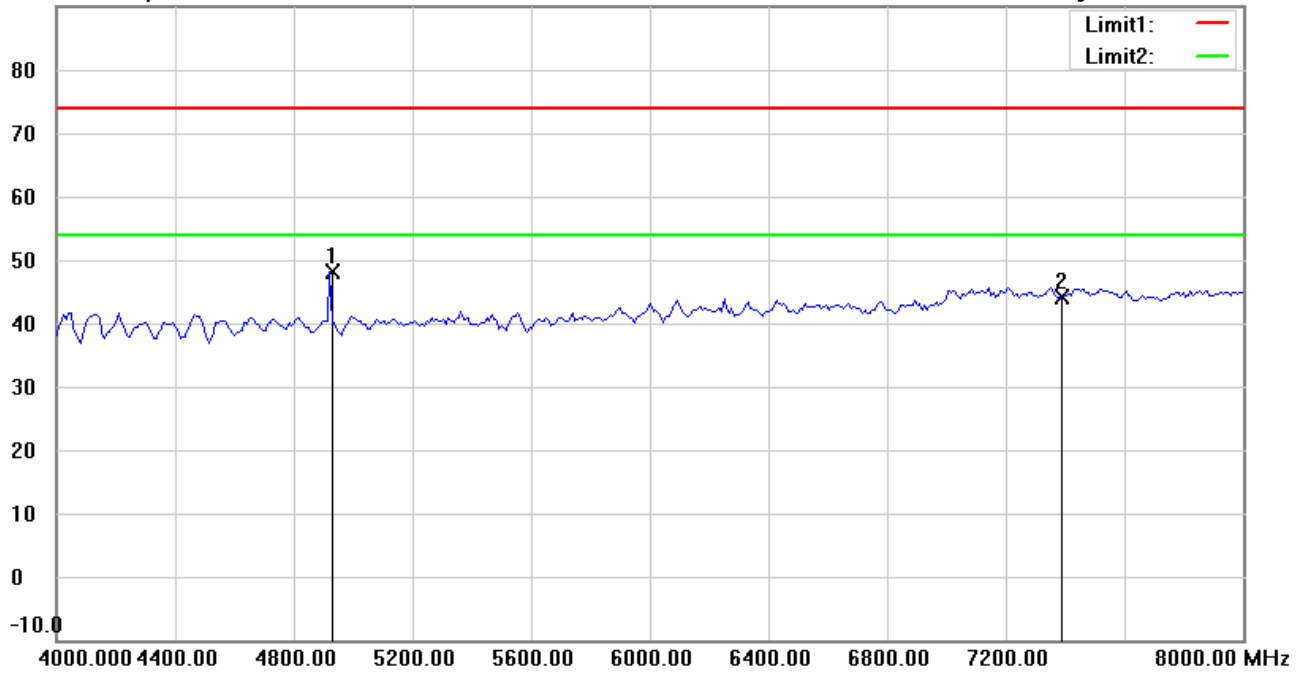
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:41:57 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	49.54	peak	-1.52	48.02	74.00	150	175	-25.98	
	7386.000	40.42	peak	3.72	44.14	74.00	150	239	-29.86	





Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

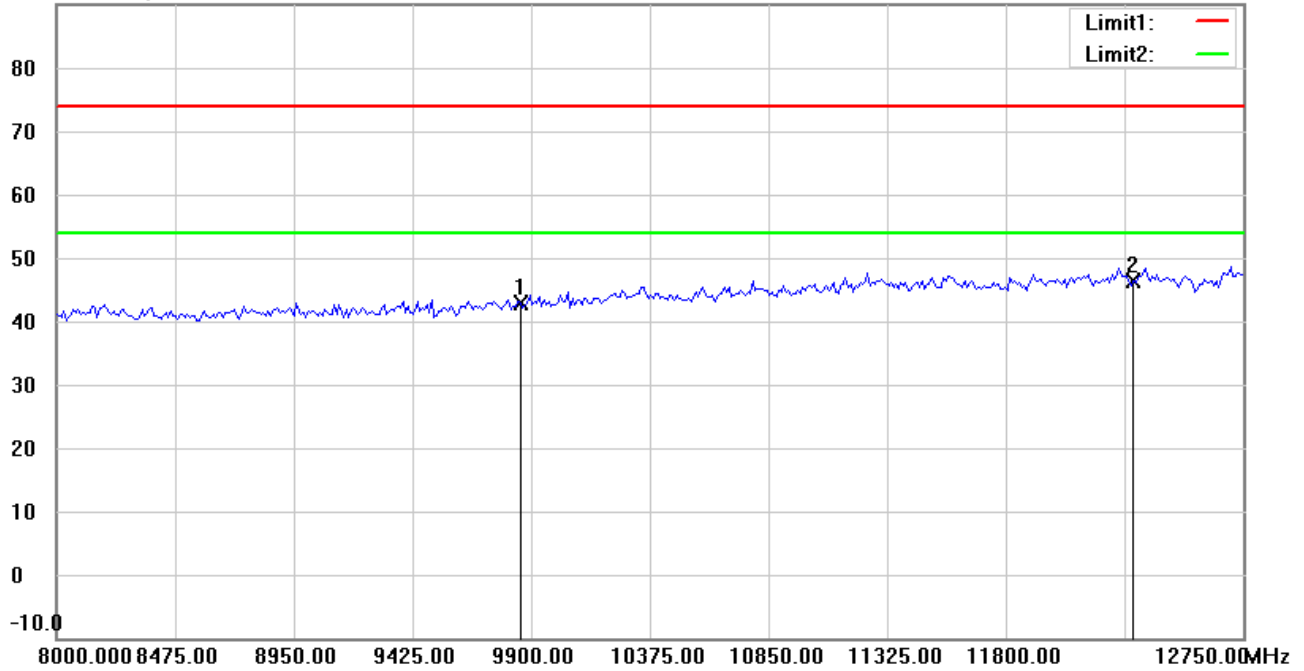
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:39:32 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	36.04	peak	6.96	43.00	74.00	150	155	-31.00	
*	12310.000	34.26	peak	12.18	46.44	74.00	150	310	-27.56	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

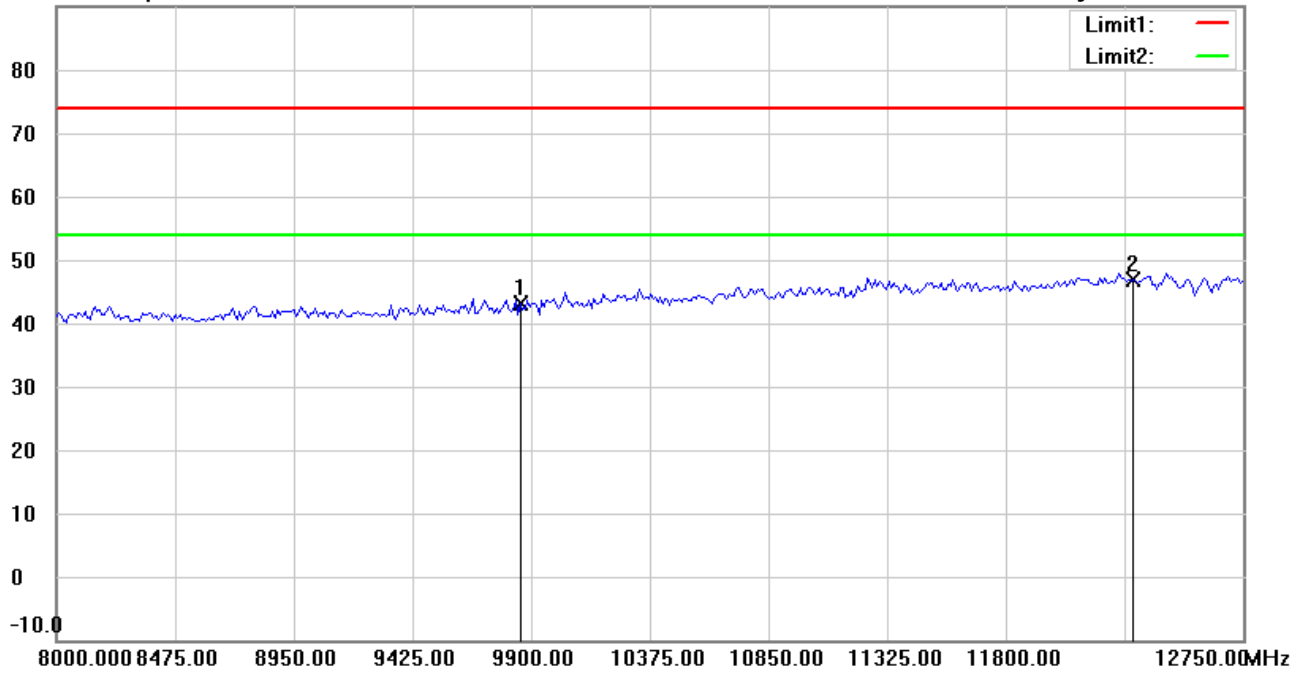
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:42:56 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	36.15	peak	6.96	43.11	74.00	150	239	-30.89	
*	12310.000	34.75	peak	12.18	46.93	74.00	150	217	-27.07	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

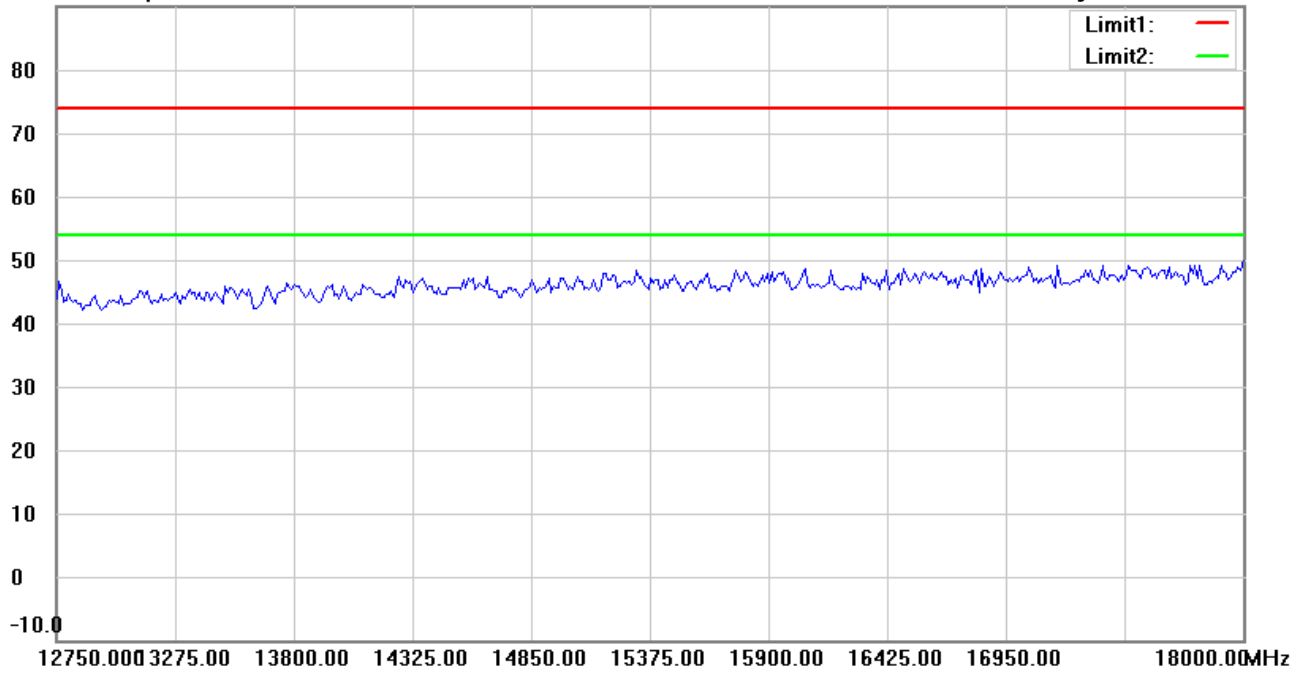
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:39:46 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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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 Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

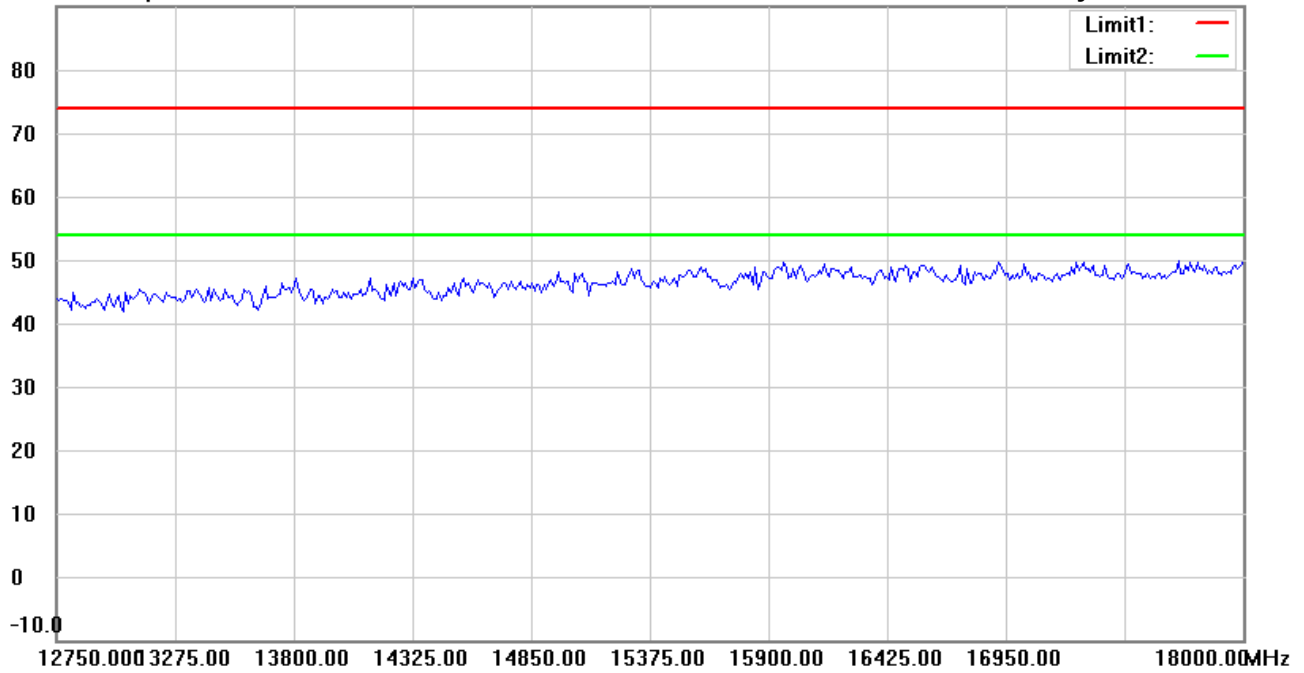
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:43:10 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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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 Tel:+886-2-6606-8877  
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**Radiated Emission Measurement**

Operator: Leon

File :3

Data :#5

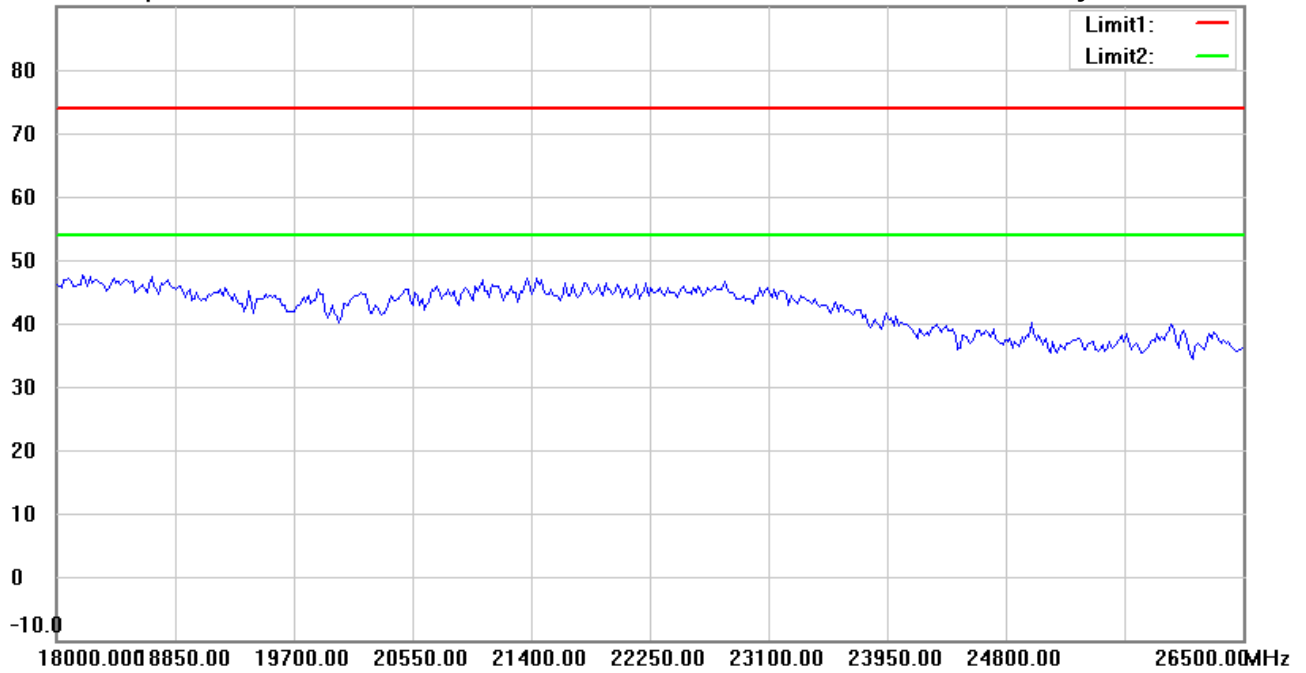
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:39:56 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#10

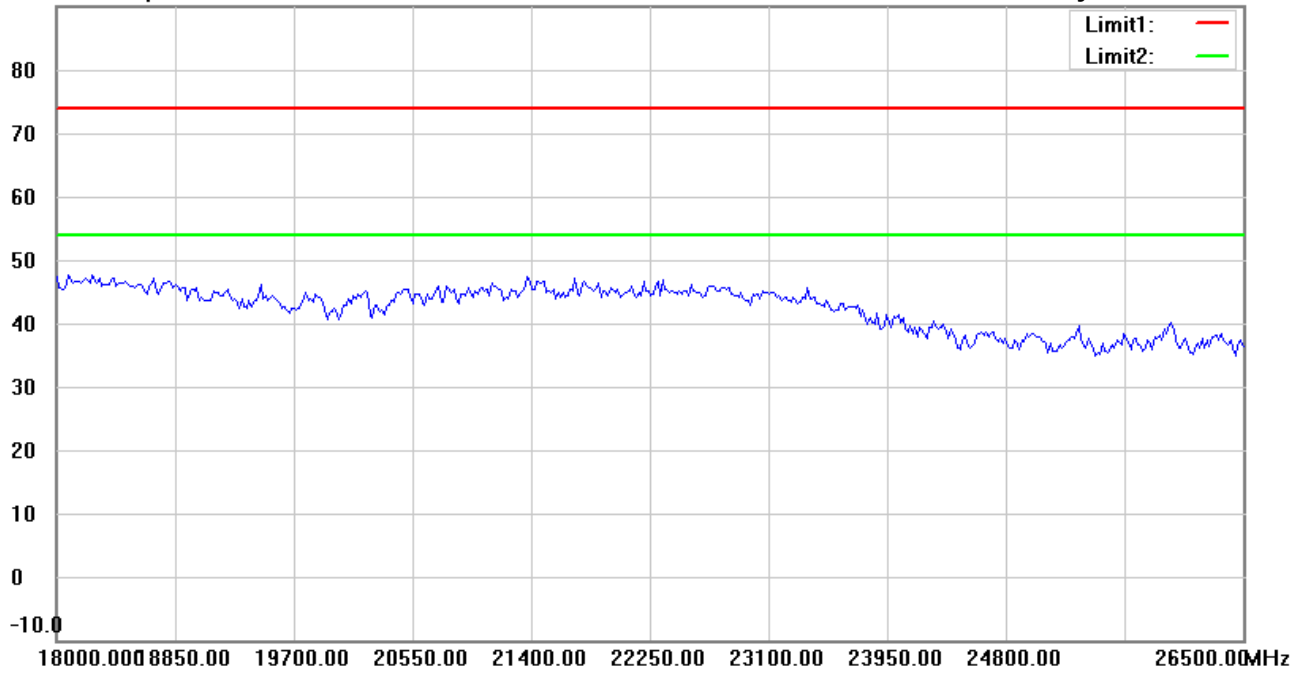
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:43:20 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#1

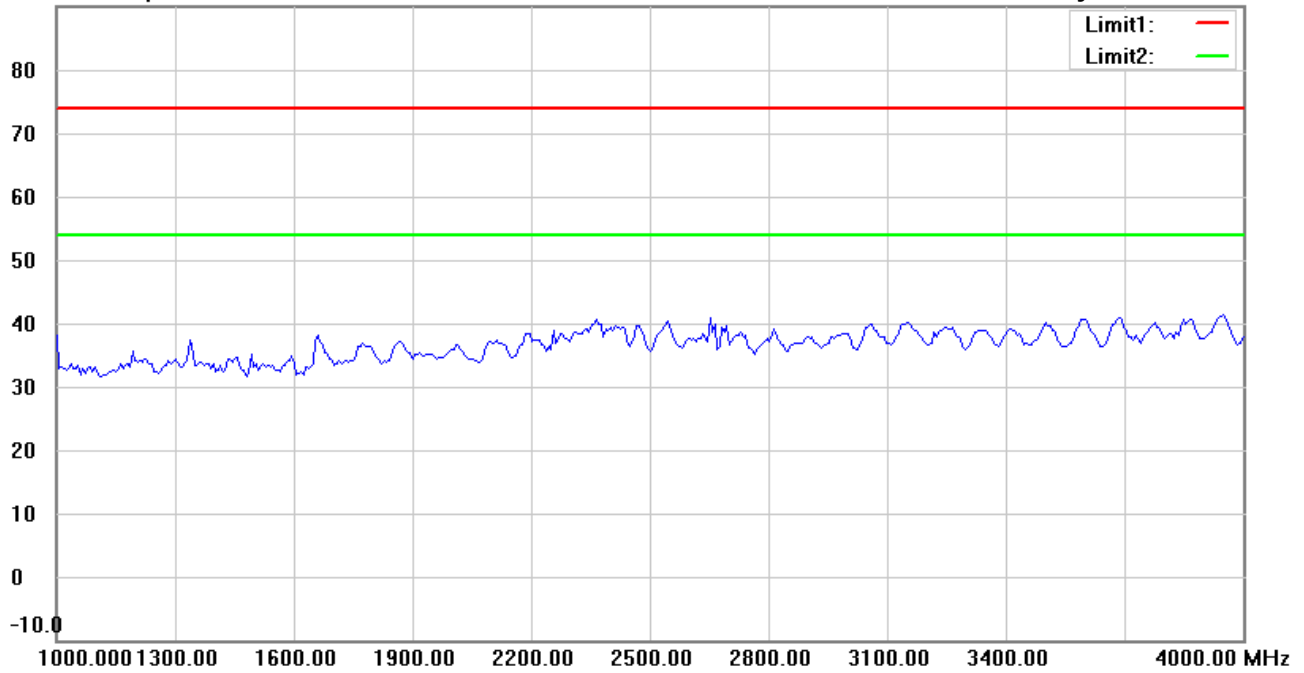
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:53:19 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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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 Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

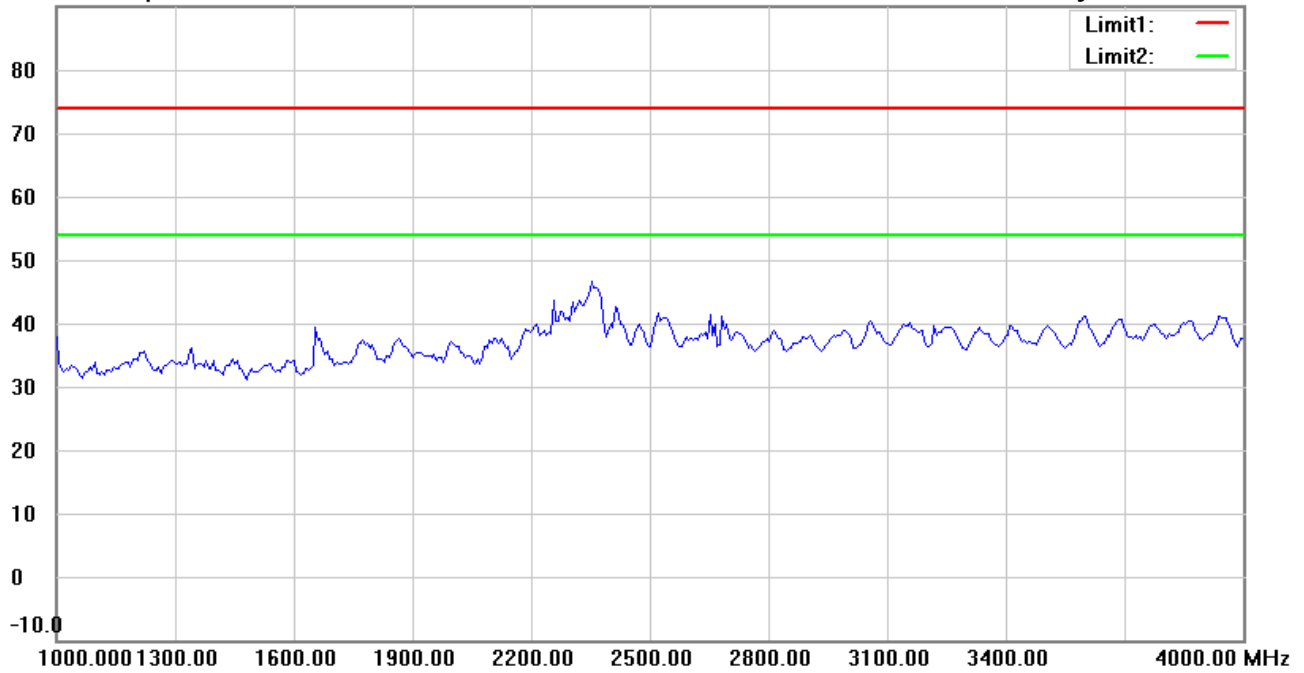
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:56:49 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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





Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

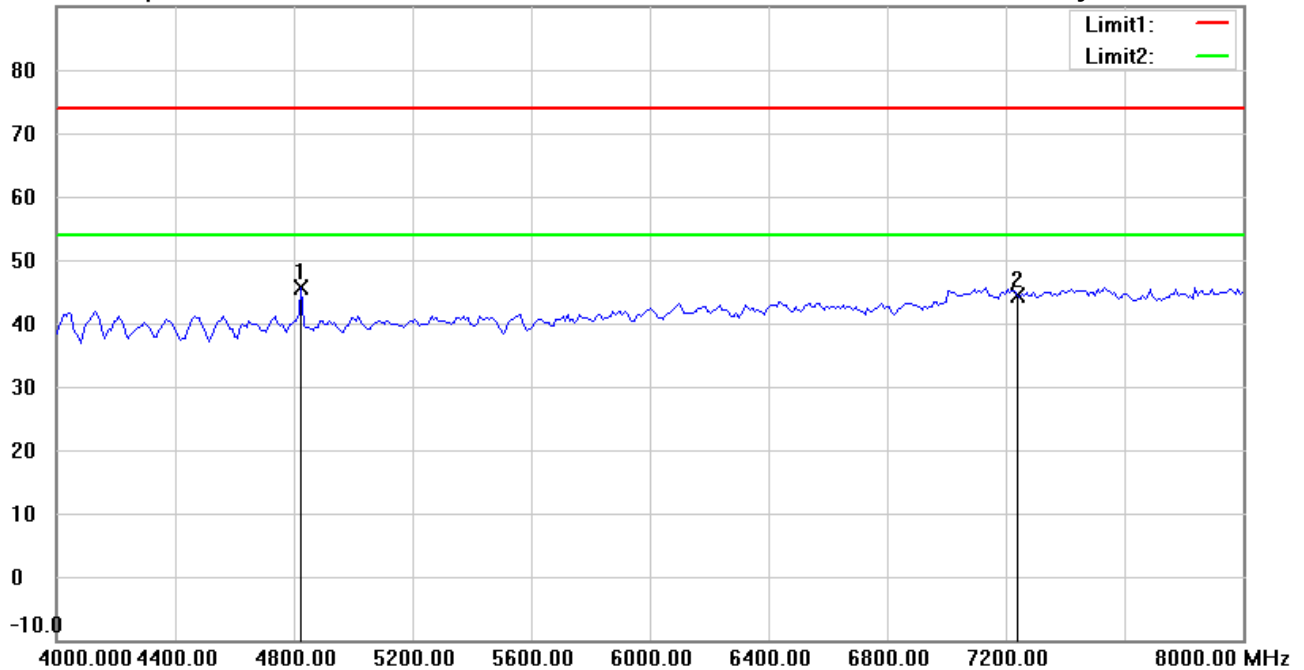
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:54:19 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4825.651	47.55	peak	-1.87	45.68	74.00	150	93	-28.32	
	7236.000	41.02	peak	3.28	44.30	74.00	150	275	-29.70	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

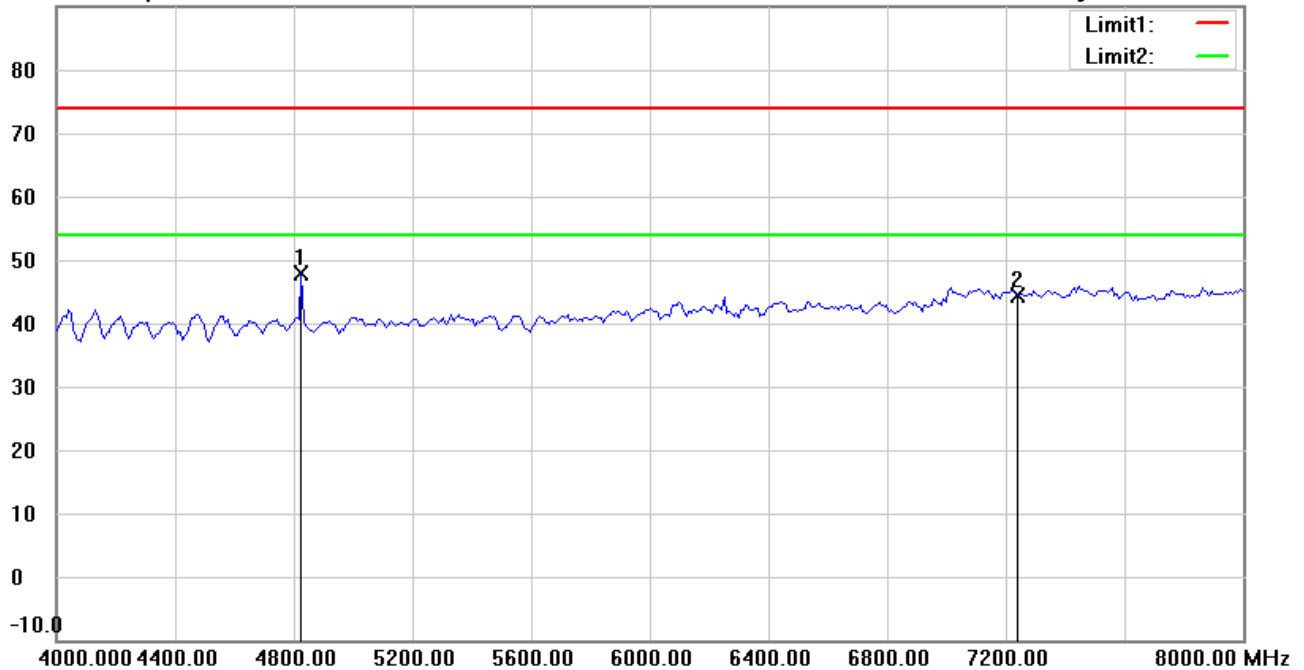
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:57:50 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4825.651	49.75	peak	-1.87	47.88	74.00	150	263	-26.12	
	7236.000	41.15	peak	3.28	44.43	74.00	150	179	-29.57	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

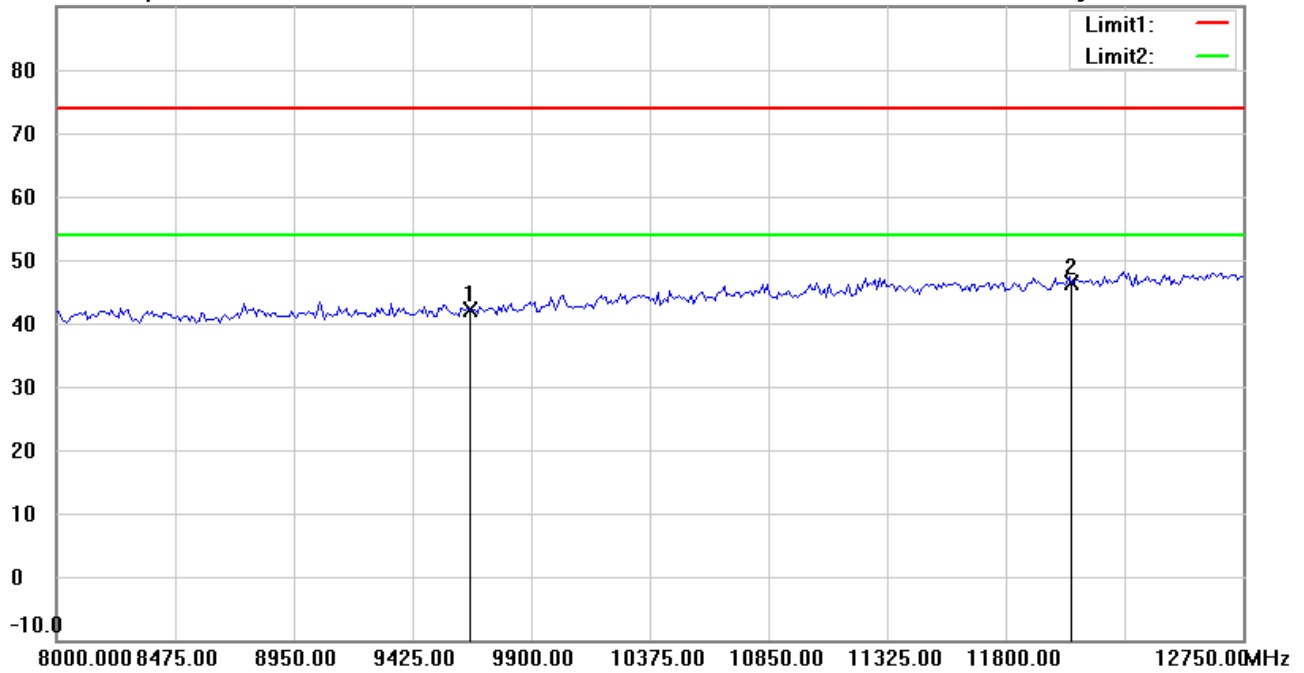
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:55:26 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.64	peak	6.60	42.24	74.00	150	204	-31.76	
*	12060.000	34.11	peak	12.21	46.32	74.00	150	178	-27.68	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

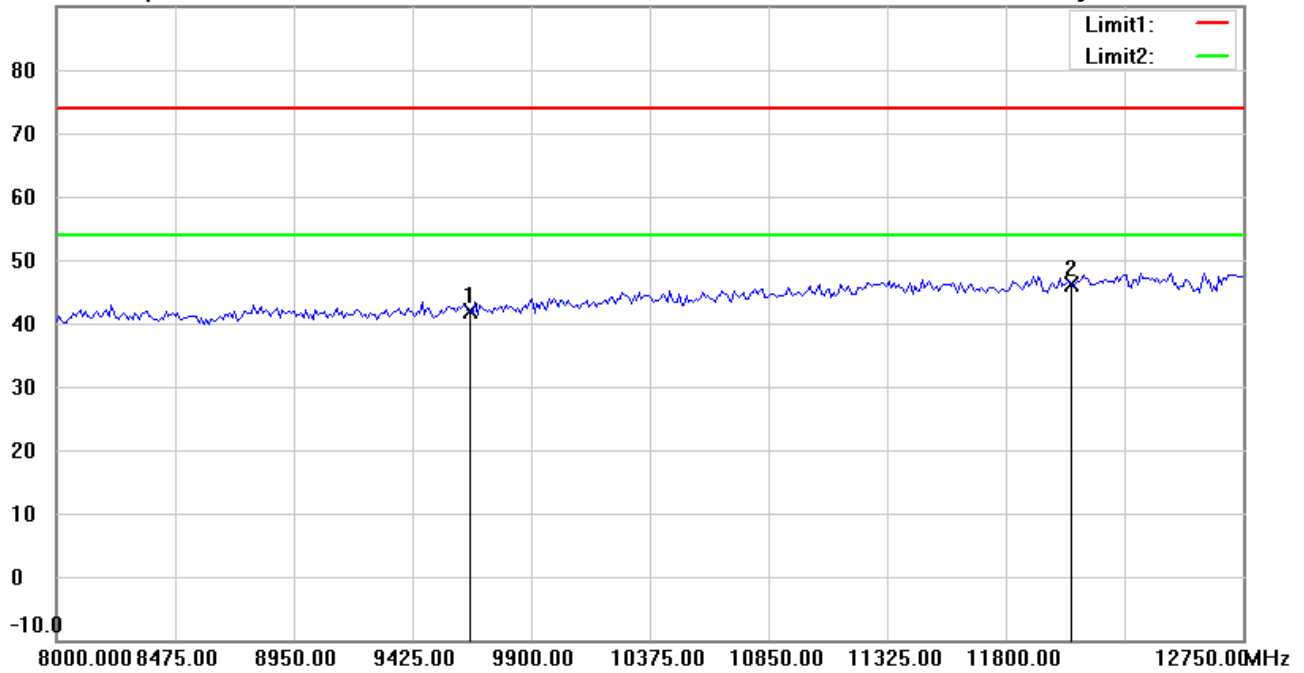
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:58:50 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.32	peak	6.60	41.92	74.00	150	217	-32.08	
*	12060.000	34.01	peak	12.21	46.22	74.00	150	96	-27.78	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

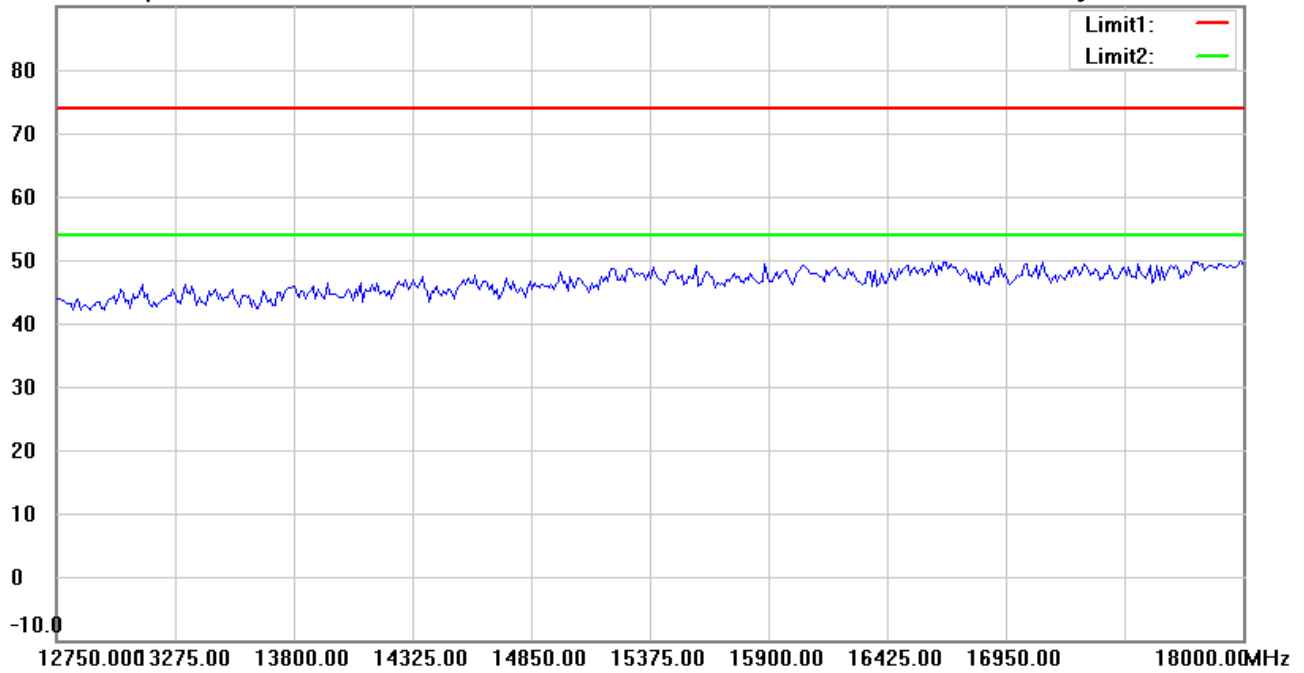
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:55:39 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

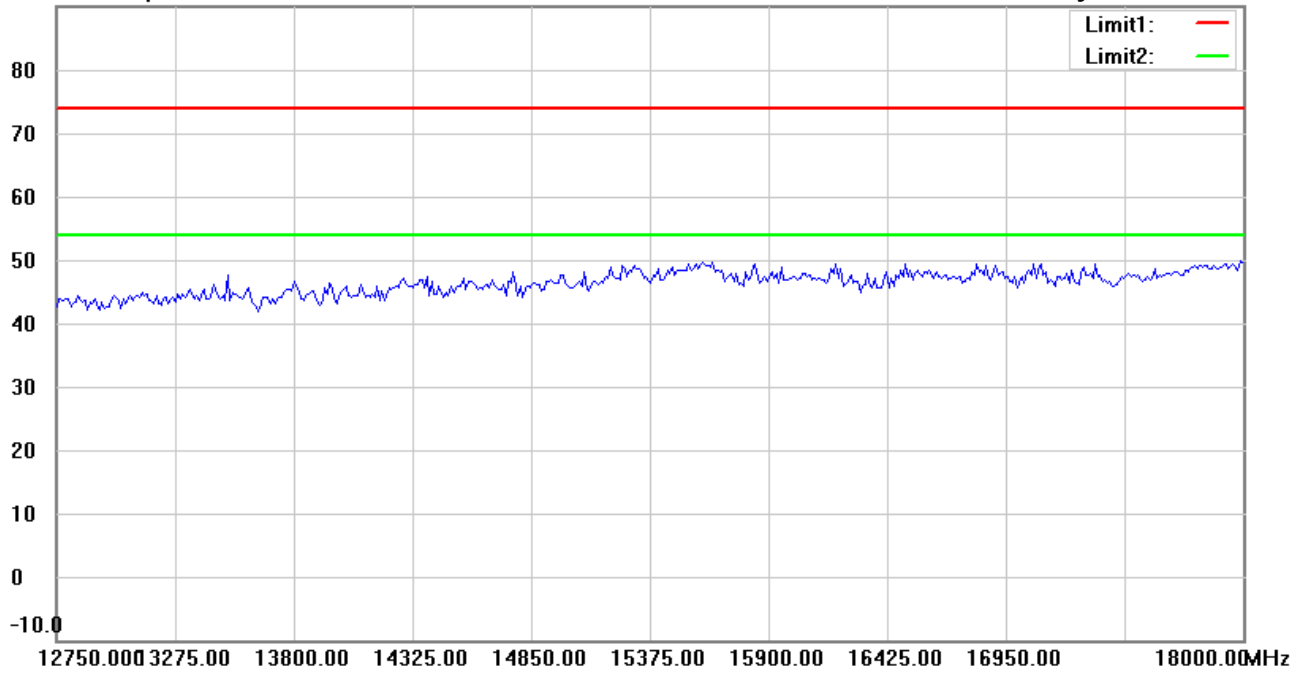
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:59:03 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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

Operator: Leon

File :3

Data :#5

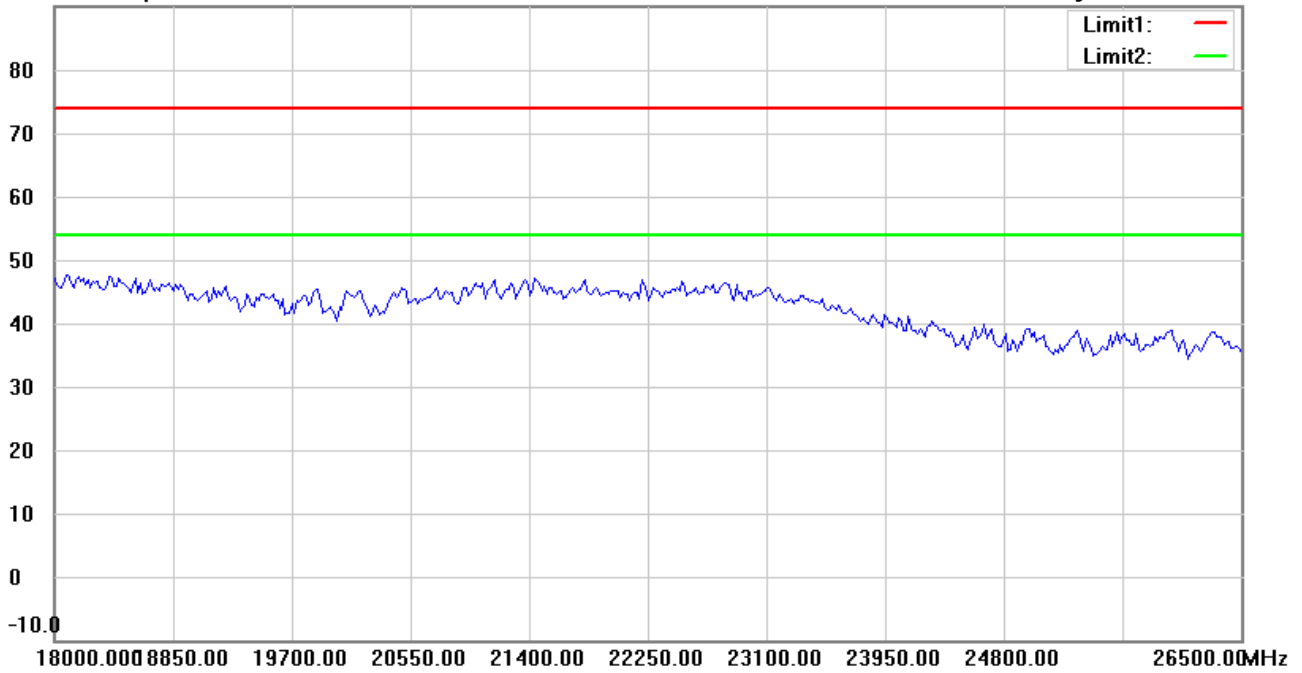
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:55:49 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#10

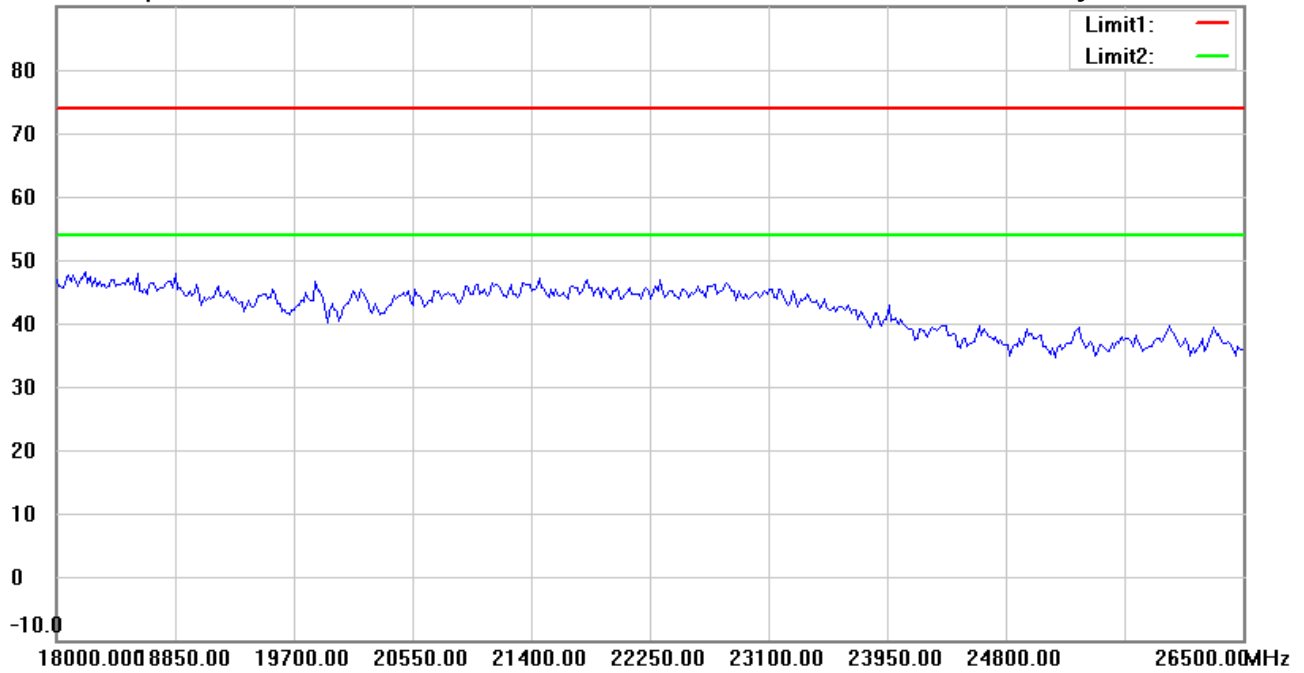
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 3:59:13 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#1

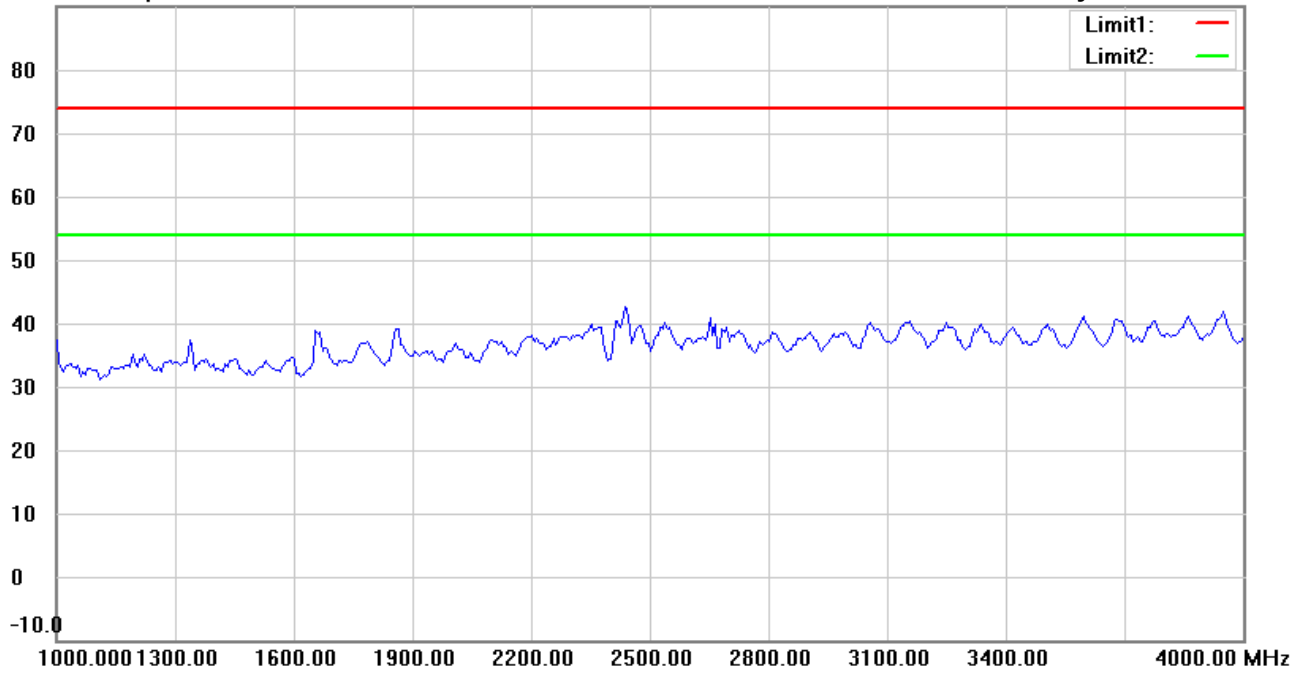
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:16:52 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#6

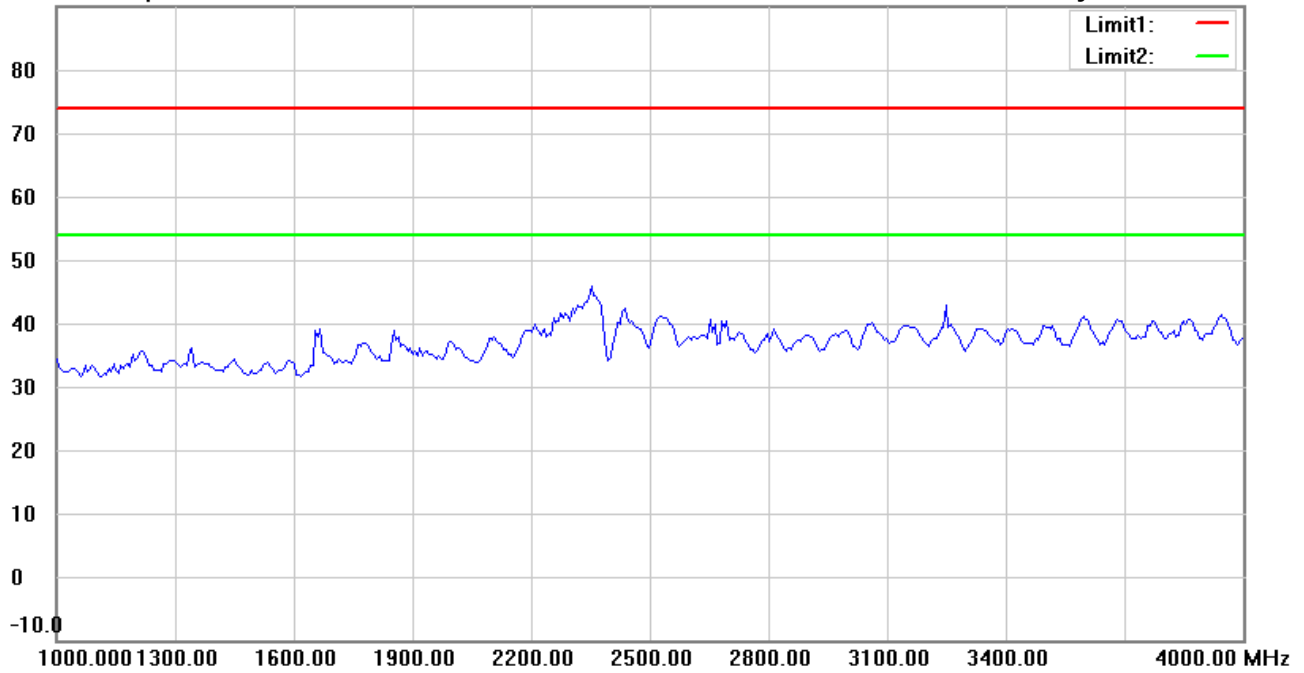
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:20:23 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

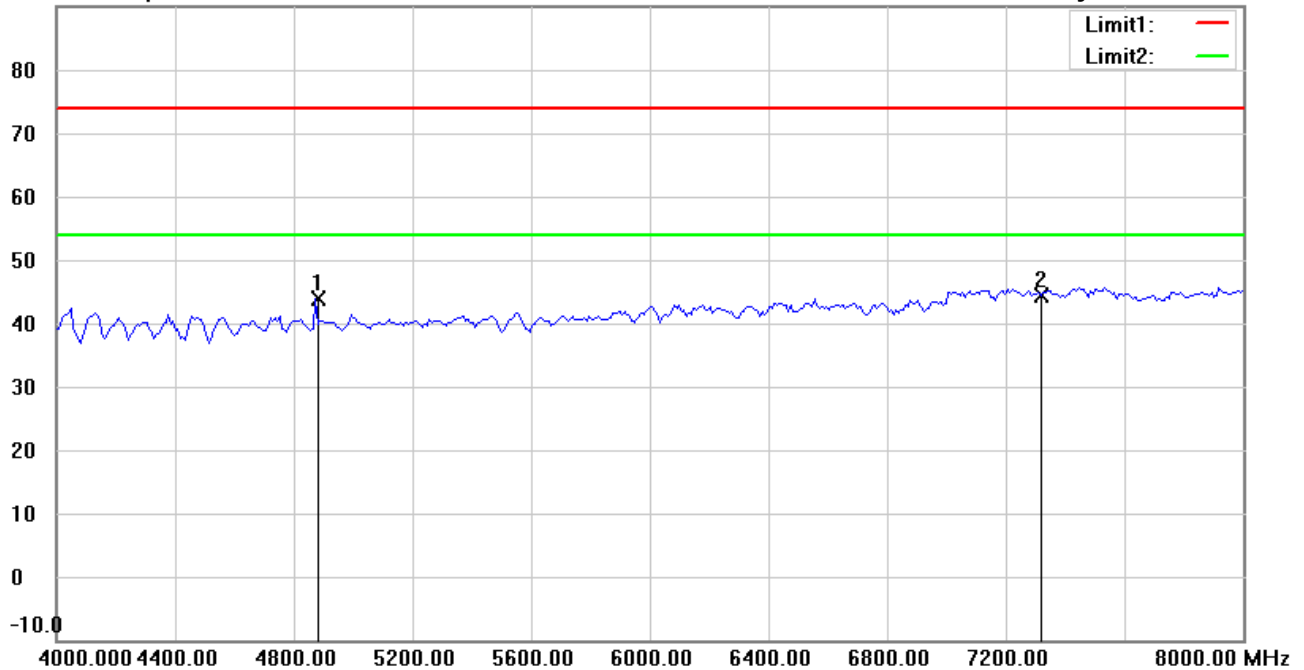
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:17:53 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4873.748	45.66	peak	-1.70	43.96	74.00	150	137	-30.04	
*	7311.000	40.95	peak	3.42	44.37	74.00	150	226	-29.63	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

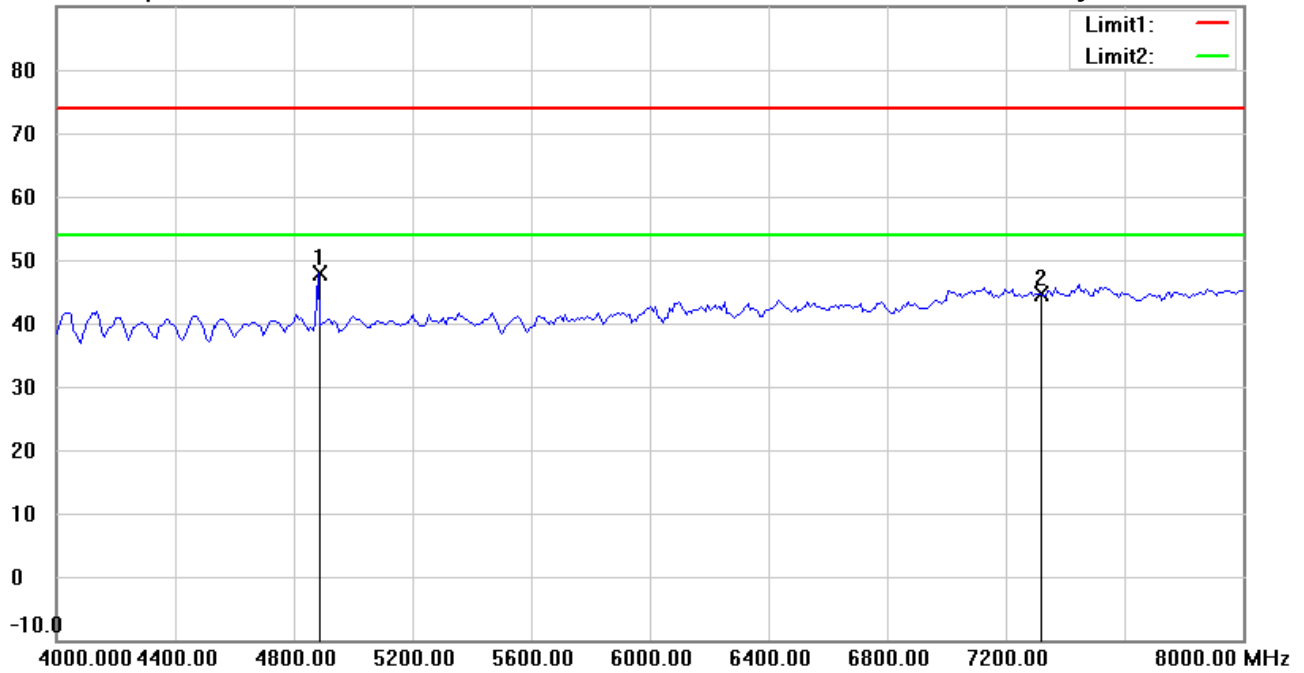
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:21:24 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4881.764	49.58	peak	-1.67	47.91	74.00	150	76	-26.09	
	7311.000	41.10	peak	3.42	44.52	74.00	150	267	-29.48	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

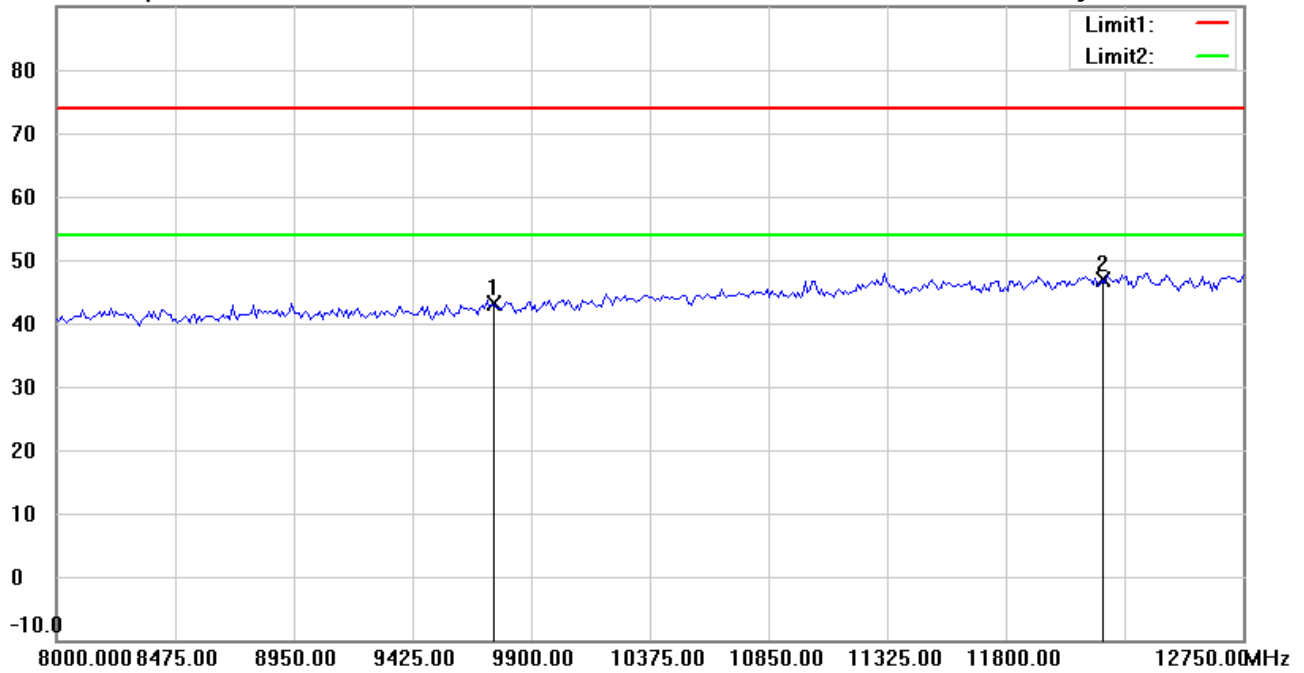
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:18:59 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	36.38	peak	6.75	43.13	74.00	150	96	-30.87	
*	12185.000	34.15	peak	12.83	46.98	74.00	150	257	-27.02	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

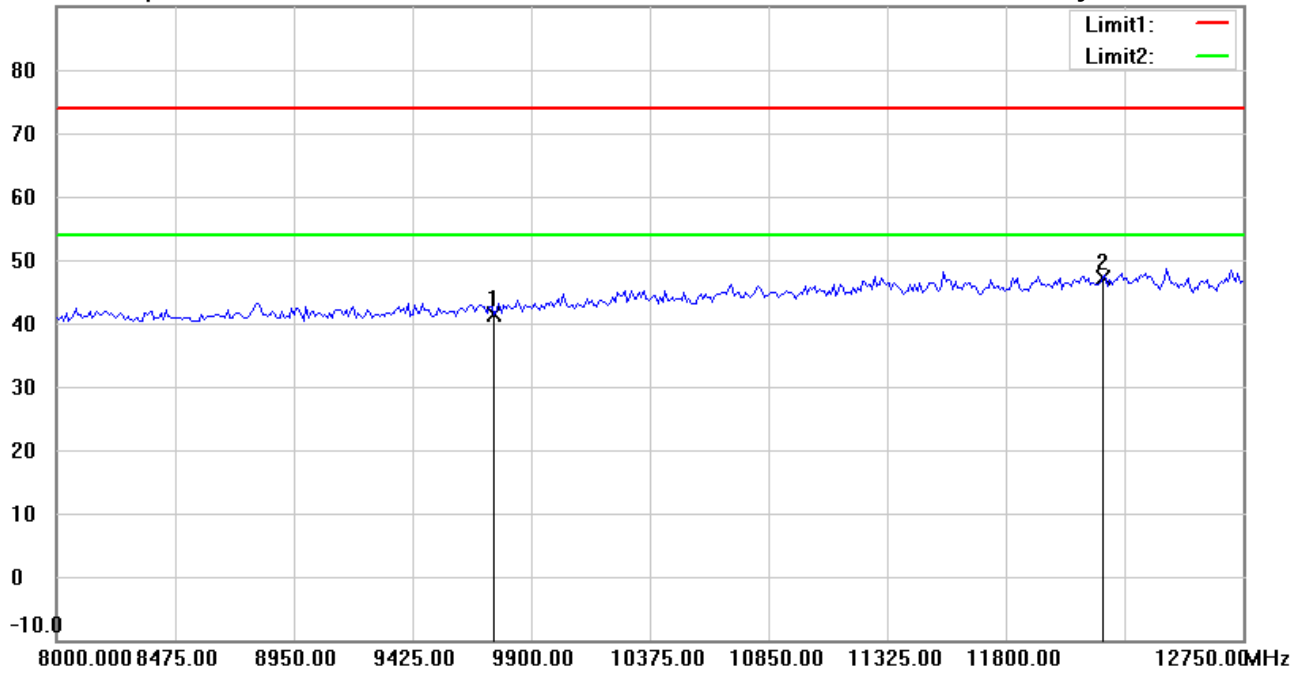
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:22:24 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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	34.63	peak	6.75	41.38	74.00	150	56	-32.62	
*	12185.000	34.35	peak	12.83	47.18	74.00	150	217	-26.82	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

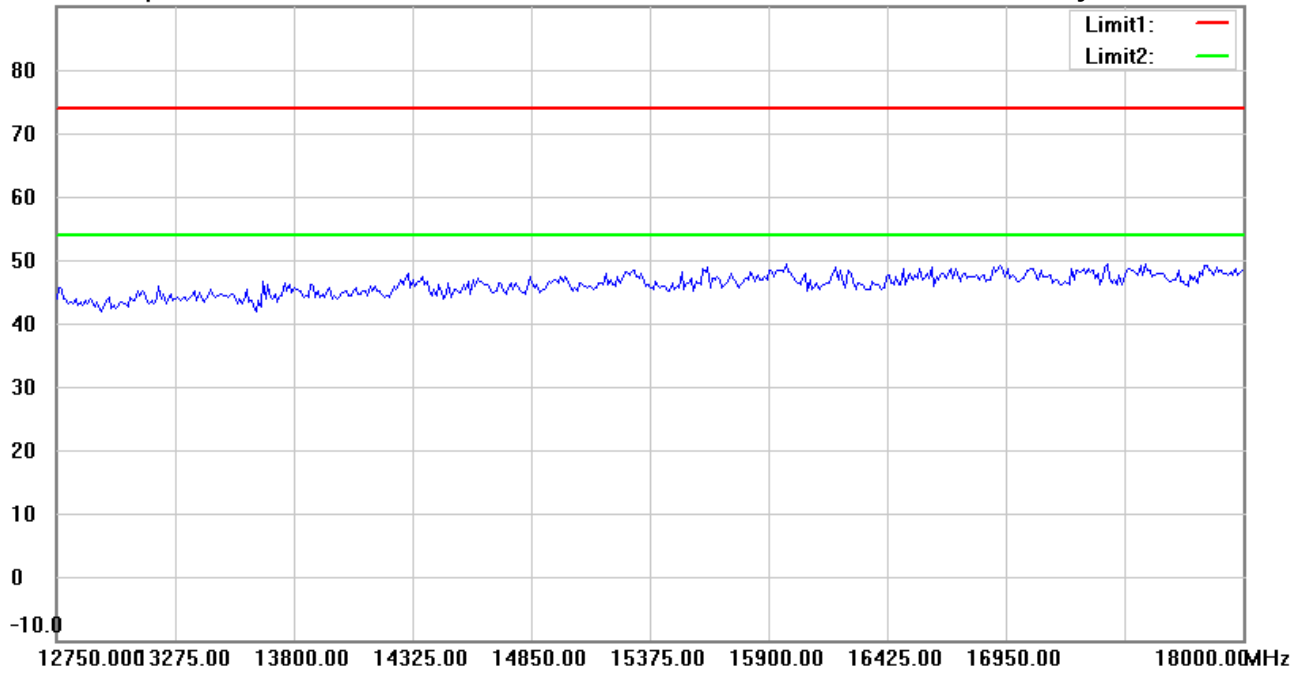
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:19:13 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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

Operator: Leon

File :3

Data :#9

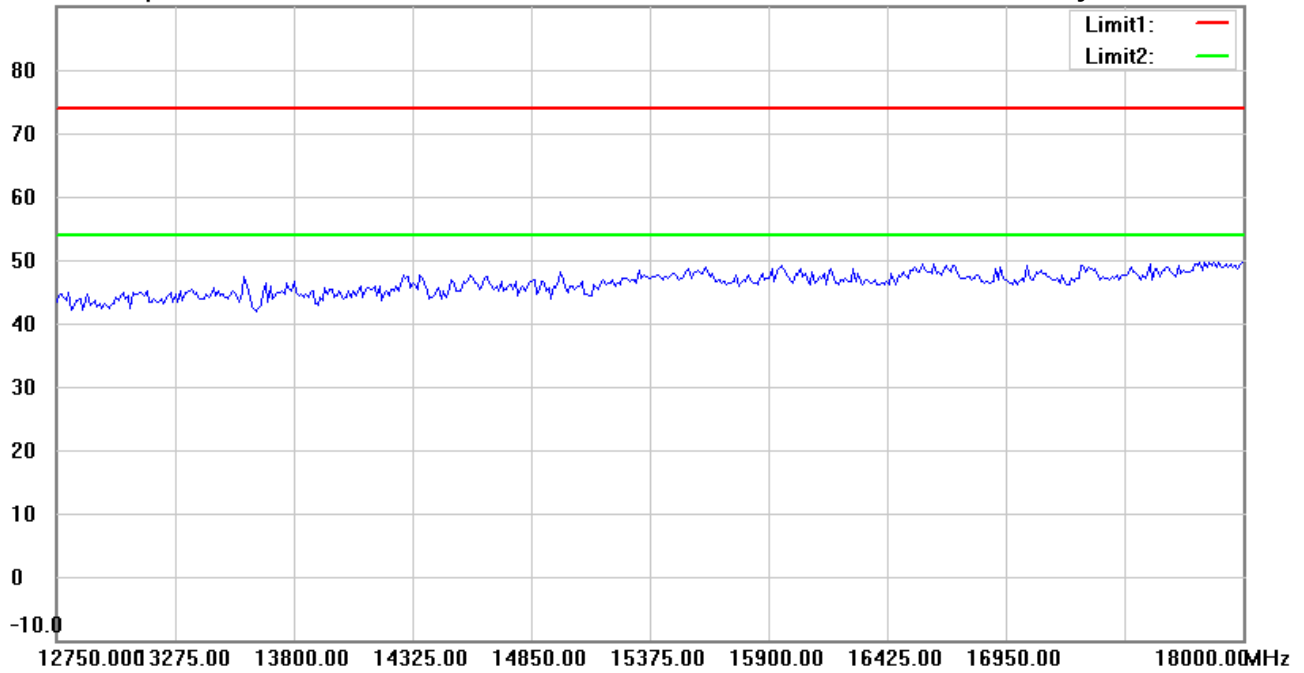
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:22:38 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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





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**Radiated Emission Measurement**

Operator: Leon

File :3

Data :#5

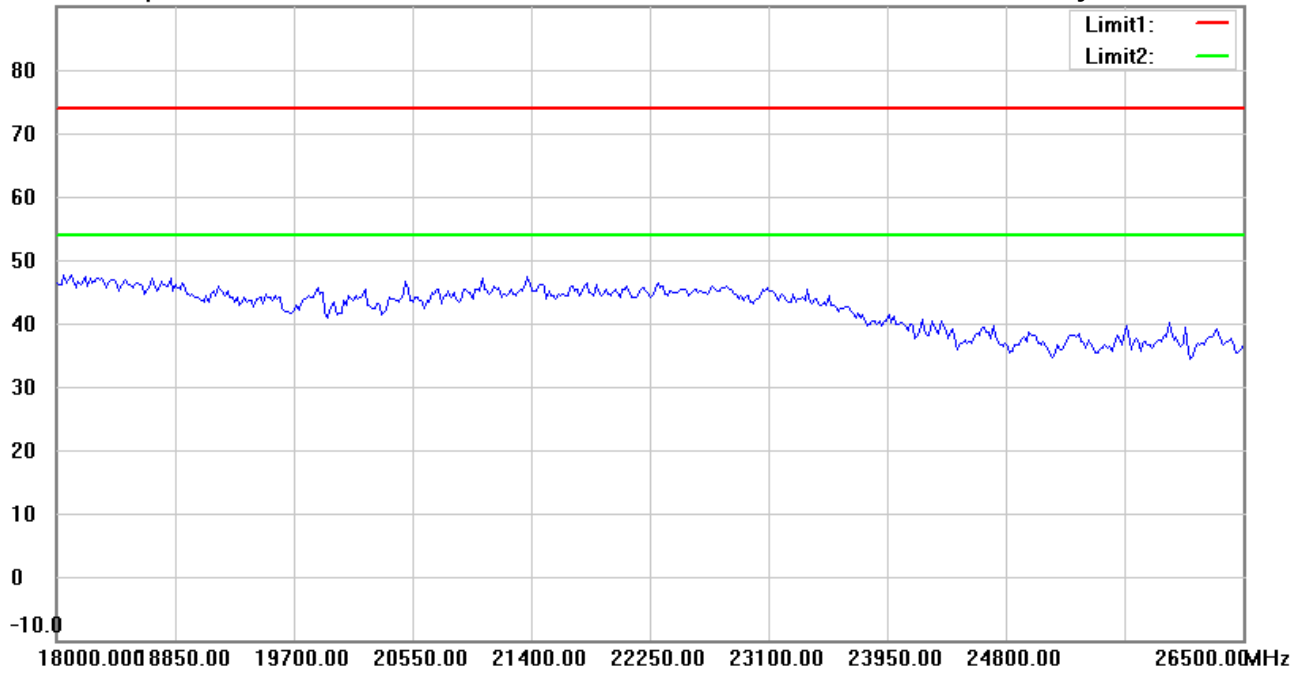
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:19:23 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

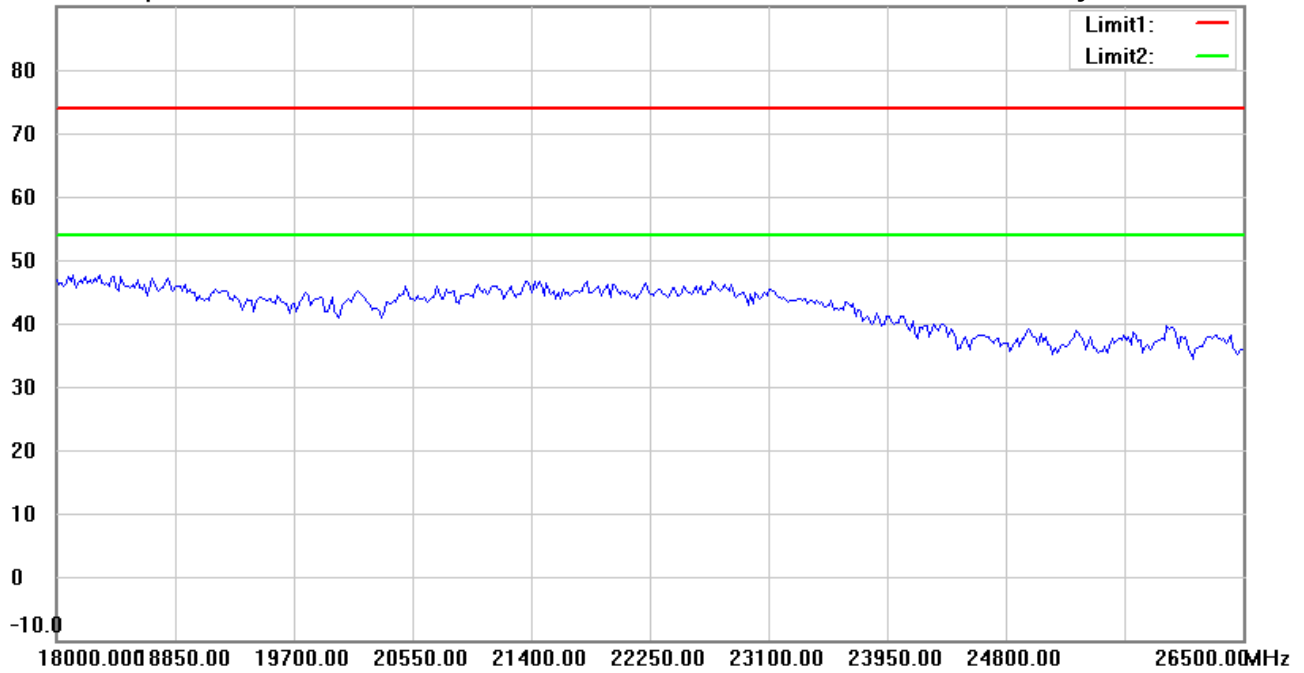
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:22:47 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

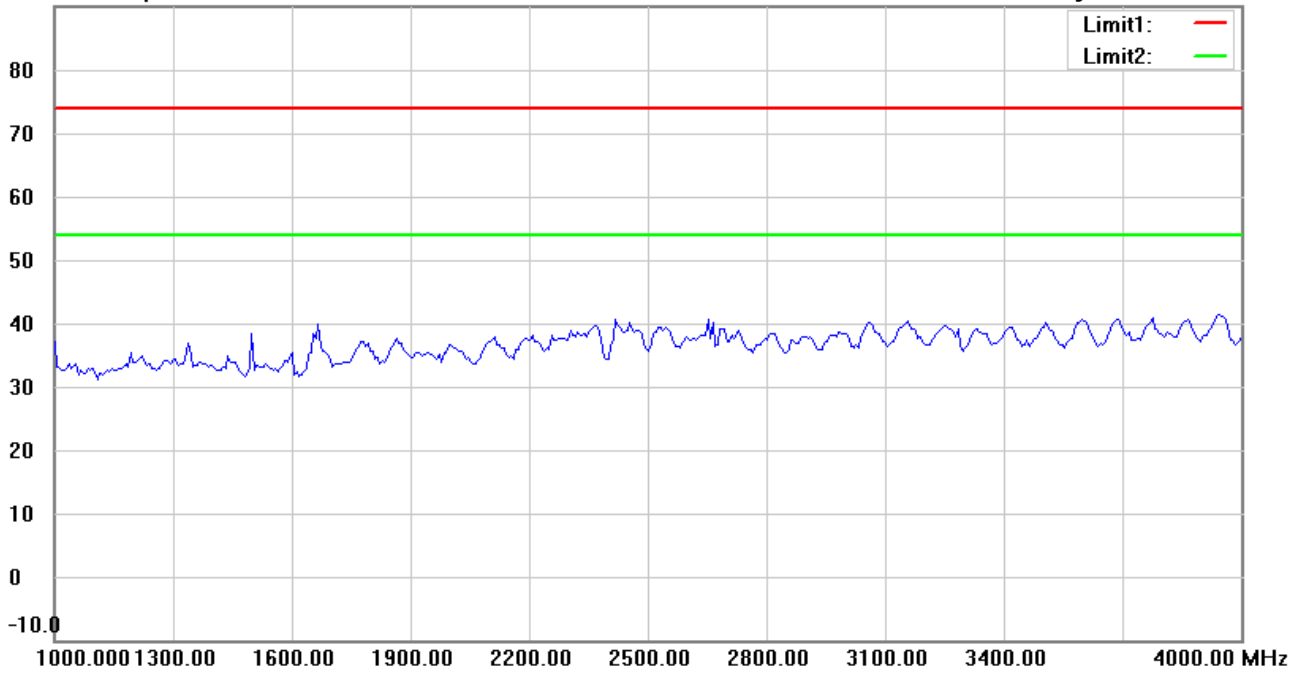
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:30:39 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

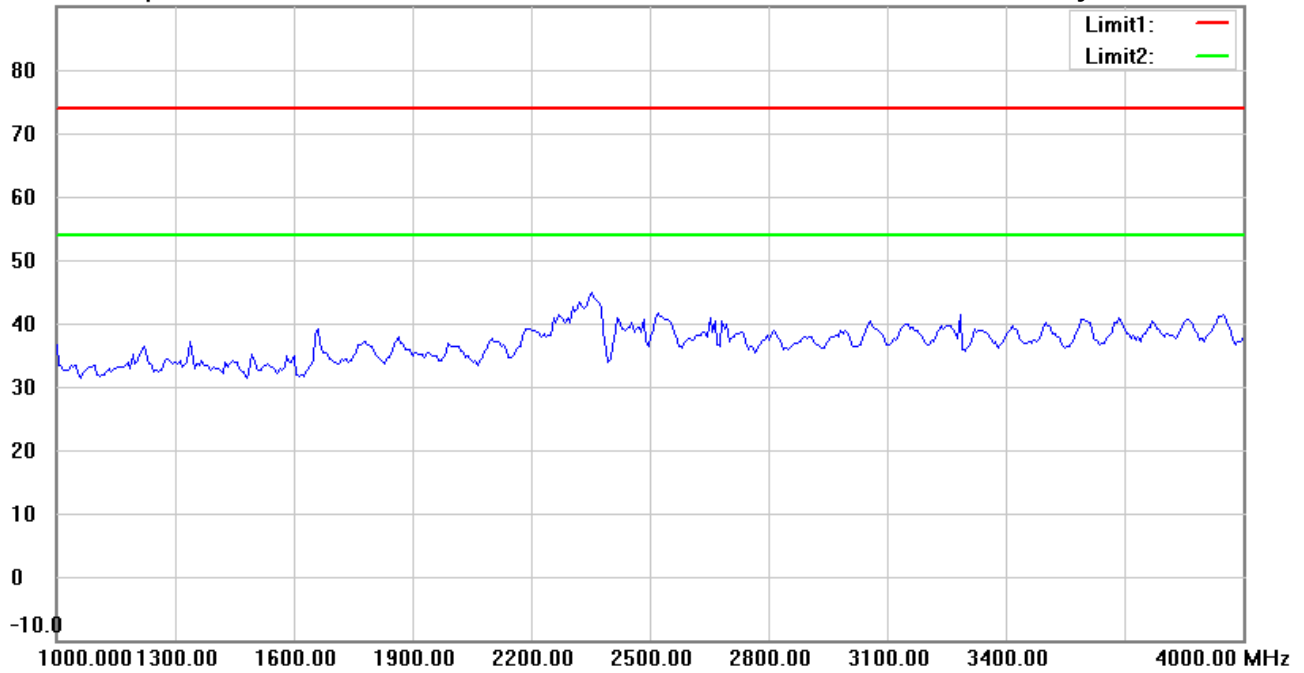
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:34:10 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#2

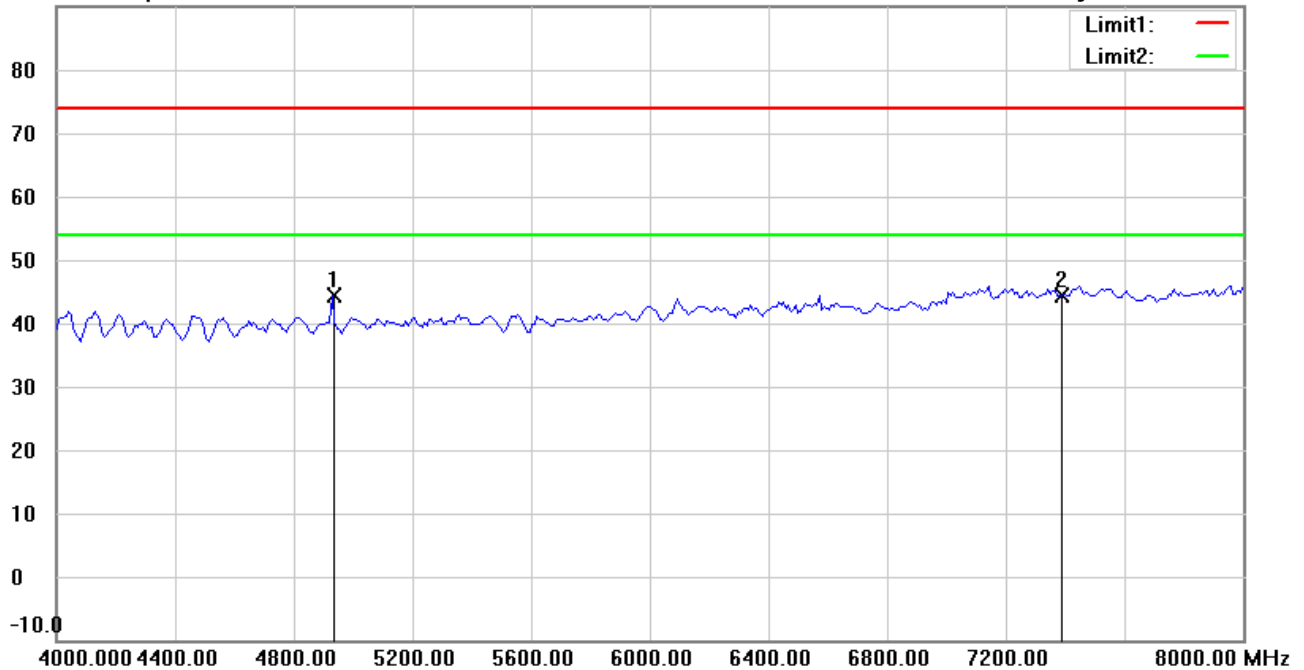
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:31:39 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4929.860	45.96	peak	-1.48	44.48	74.00	150	180	-29.52	
	7386.000	40.69	peak	3.72	44.41	74.00	150	26	-29.59	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

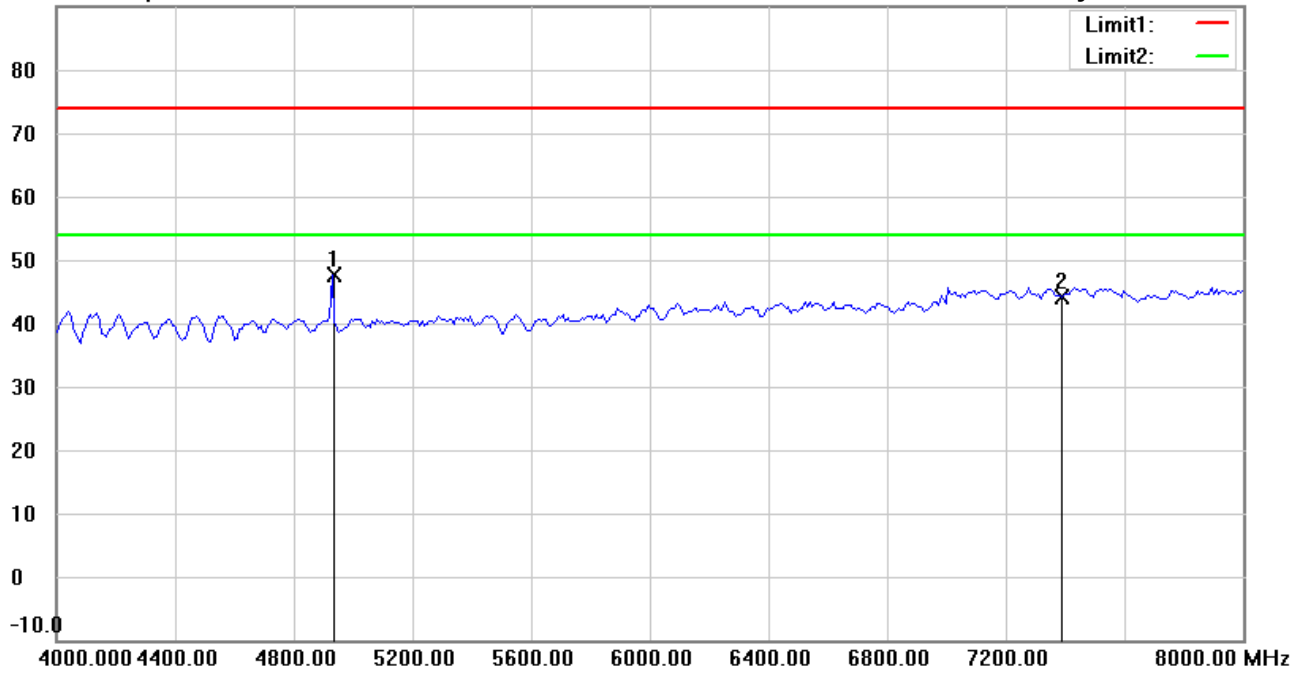
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:35:10 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4929.860	49.02	peak	-1.48	47.54	74.00	150	185	-26.46	
	7386.000	40.41	peak	3.72	44.13	74.00	150	216	-29.87	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

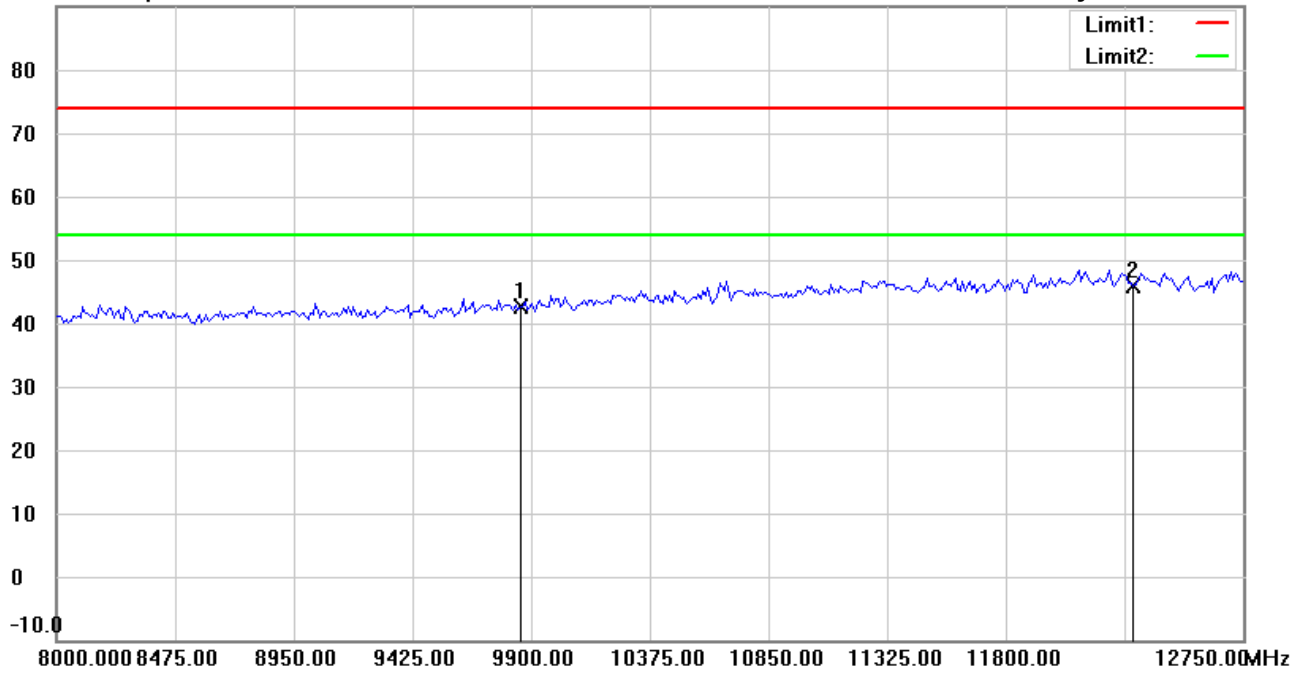
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:32:46 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.56	peak	6.96	42.52	74.00	150	236	-31.48	
*	12310.000	33.61	peak	12.18	45.79	74.00	150	159	-28.21	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

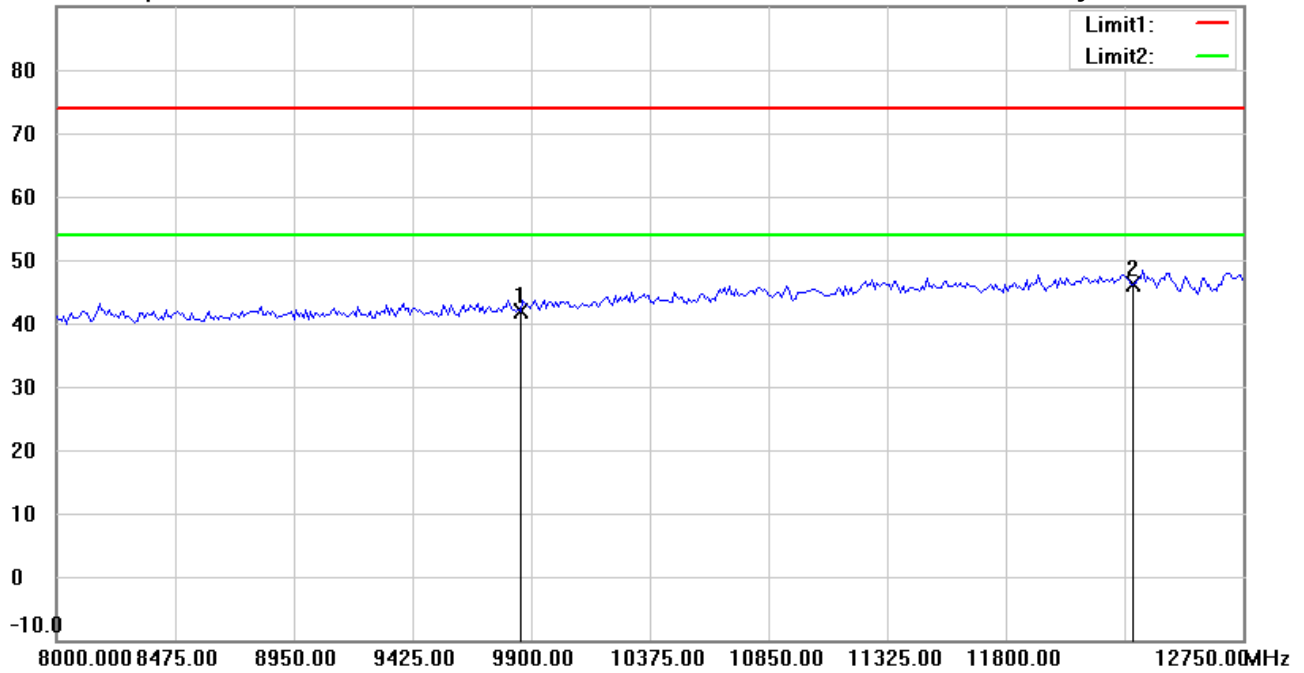
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:36:10 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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	34.87	peak	6.96	41.83	74.00	150	270	-32.17	
*	12310.000	33.86	peak	12.18	46.04	74.00	150	196	-27.96	





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

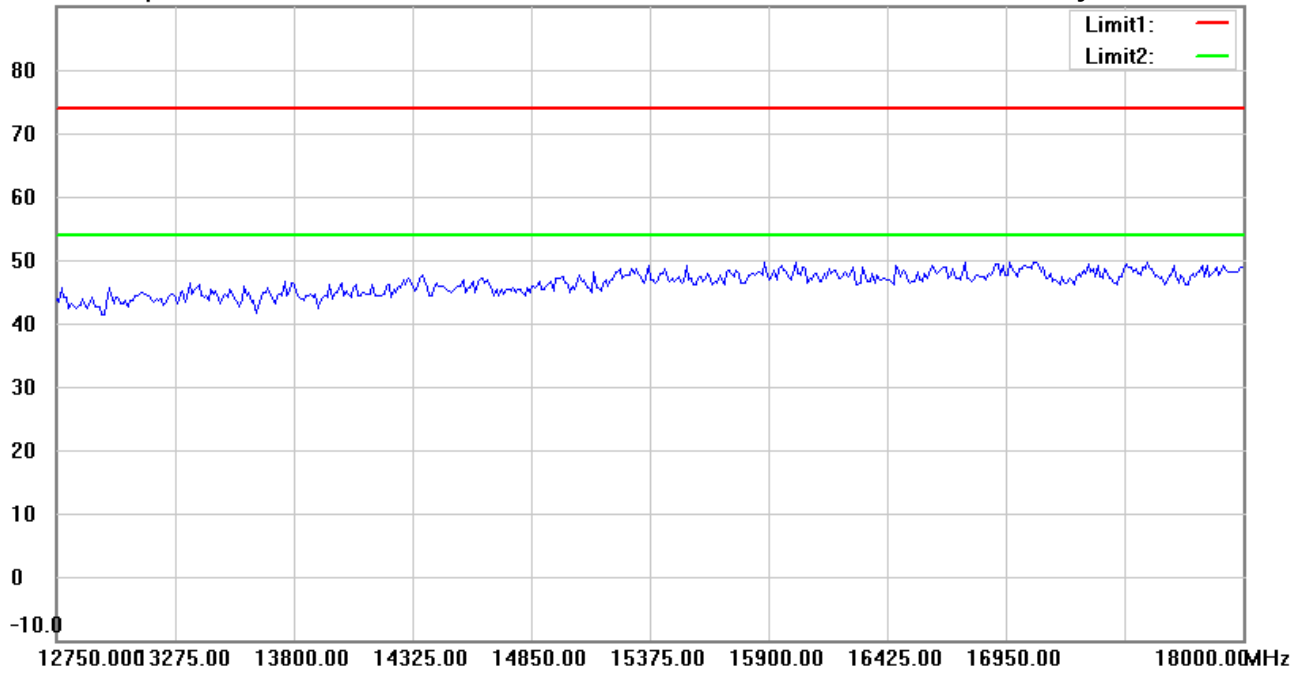
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:33:00 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

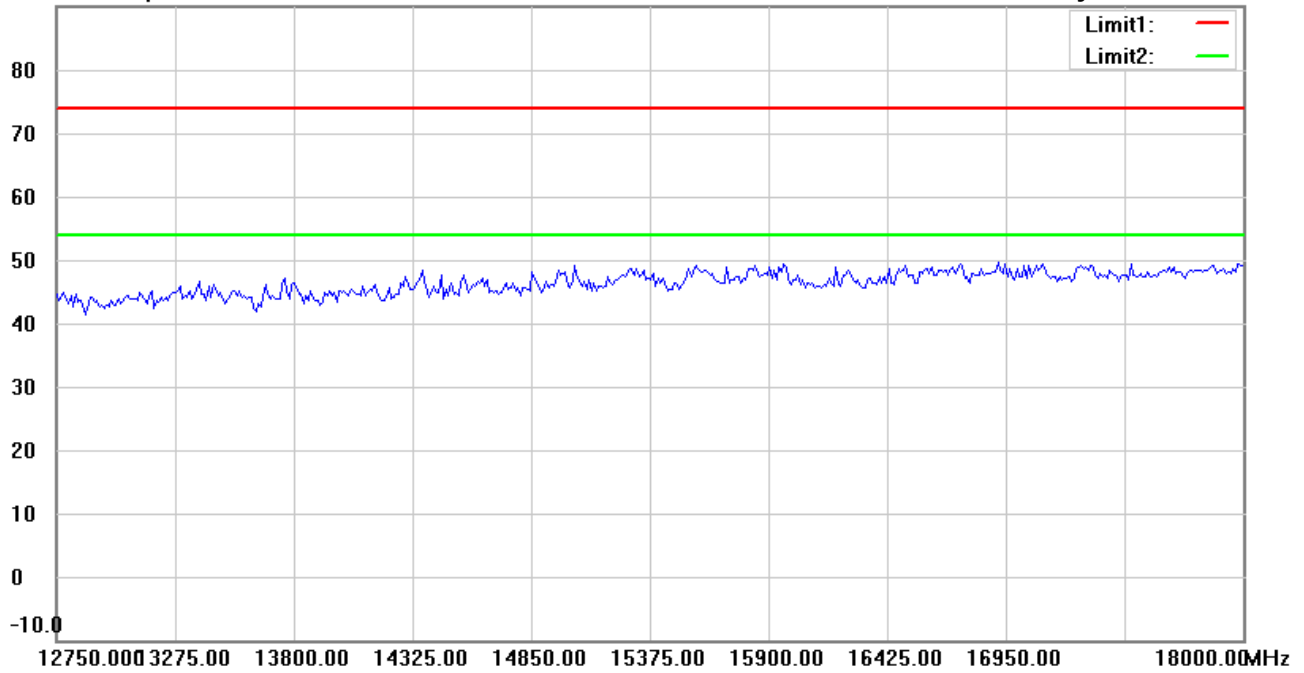
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:36:24 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

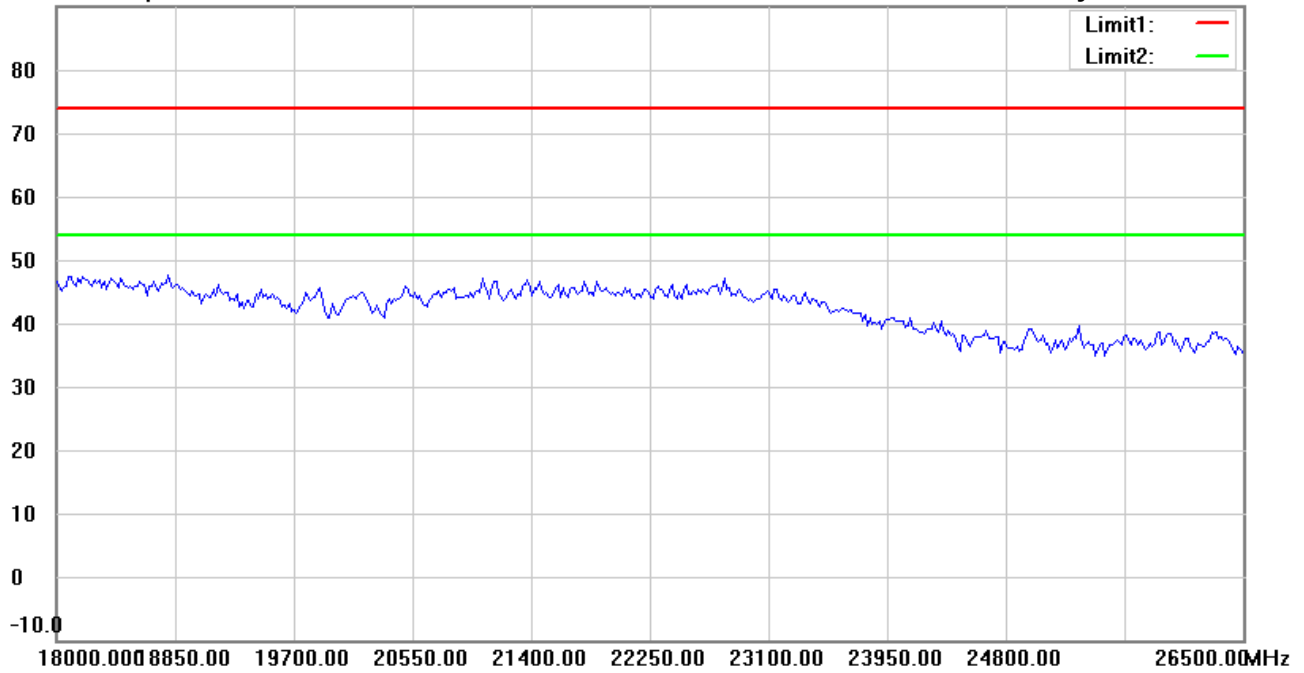
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:33:10 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#10

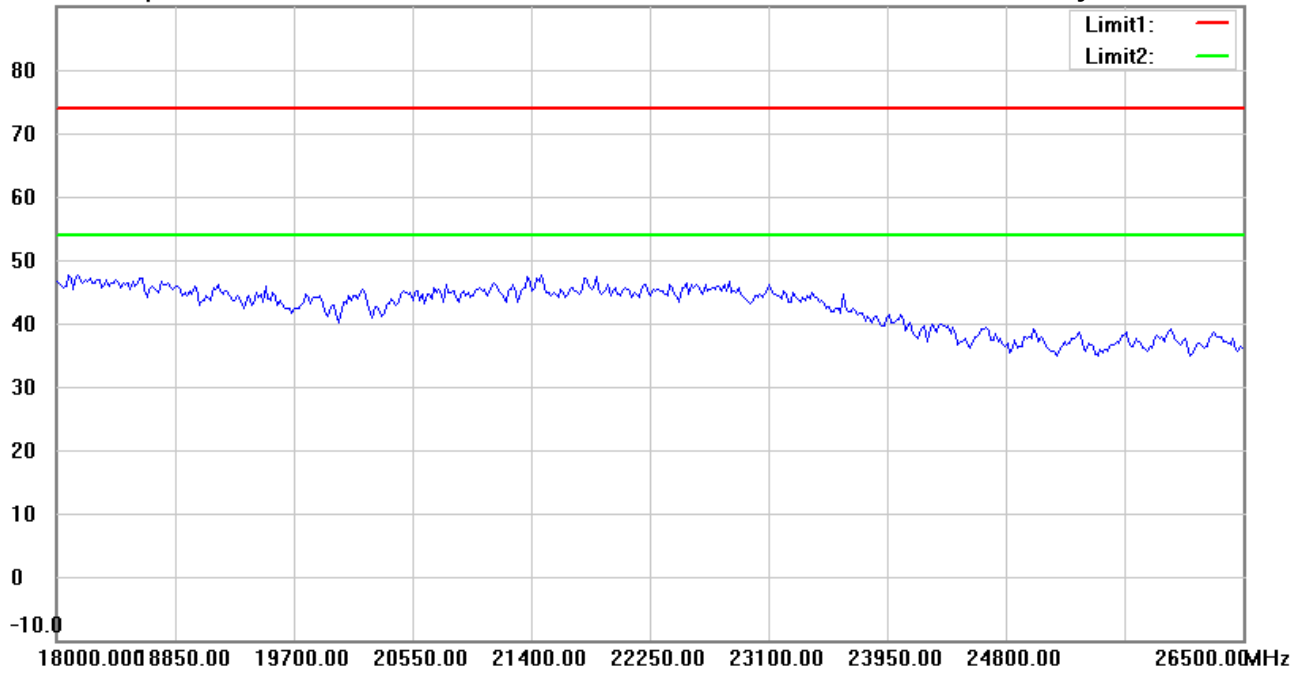
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:36:33 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



Radiated Emission Measurement

Operator: Allen

File :1\_WiFi 2

Data :#1

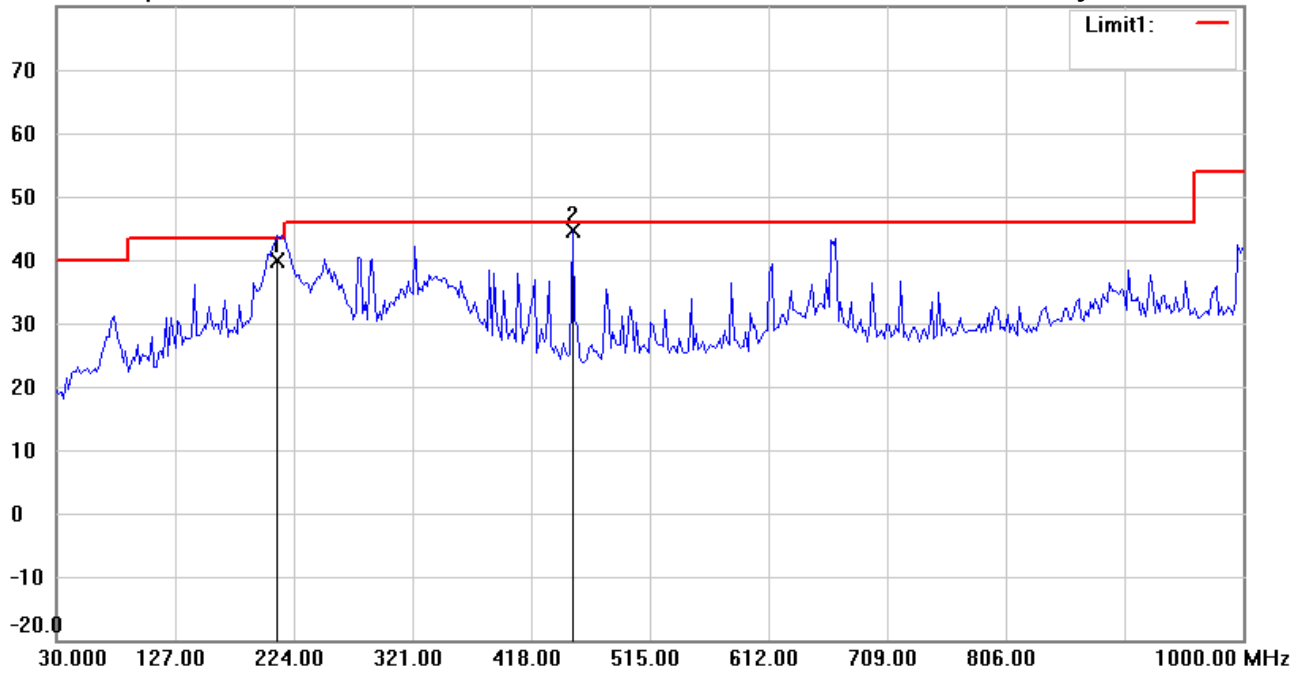
Date: 3/5/2020

Temperature:22.8 °C

80.0 dBuV/m

Time: 5:12:20 AM

Humidity:56.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
	210.7815	50.69	QP	-10.72	39.97	43.50	100	140	-3.53	
*	451.8235	48.19	QP	-3.51	44.68	46.00	100	75	-1.32	



Radiated Emission Measurement

Operator: Allen

File :1\_WiFi 2

Data :#2

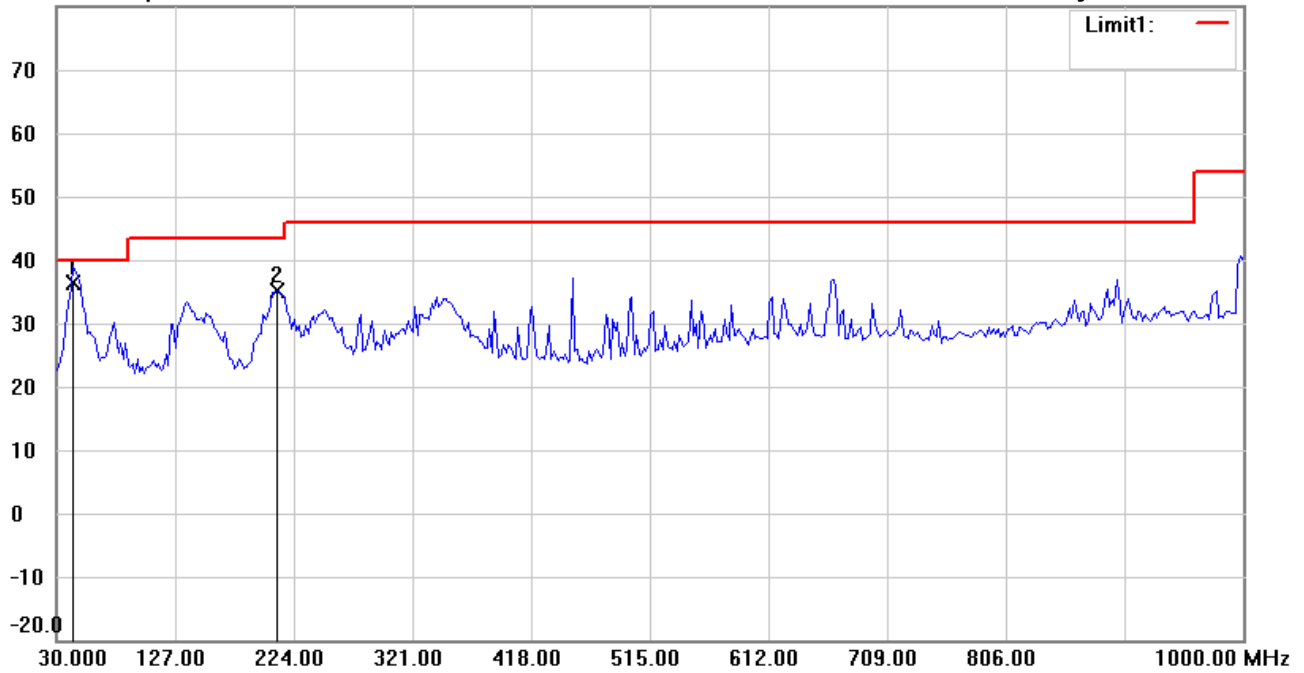
Date: 3/5/2020

Temperature:22.8 °C

80.0 dBuV/m

Time: 5:13:20 AM

Humidity:56.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	43.6072	46.02	QP	-9.61	36.41	40.00	100	55	-3.59	
	210.7816	45.85	peak	-10.72	35.13	43.50	100	310	-8.37	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

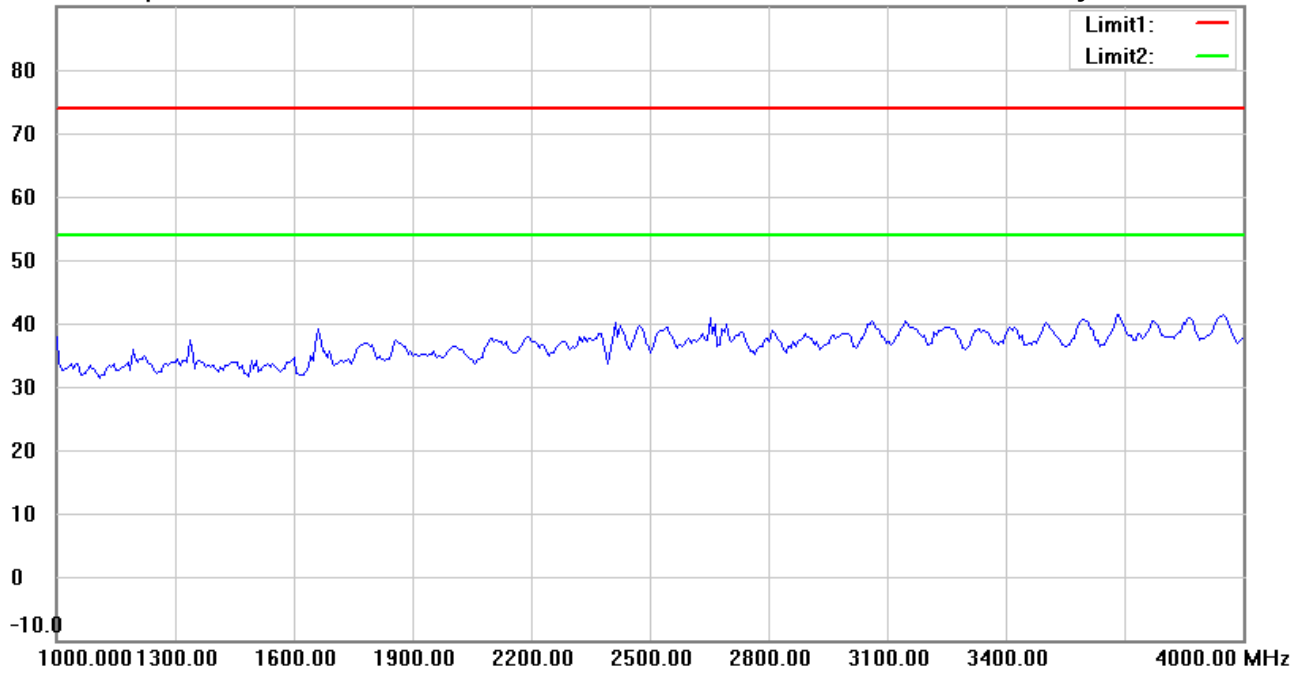
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:42:39 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

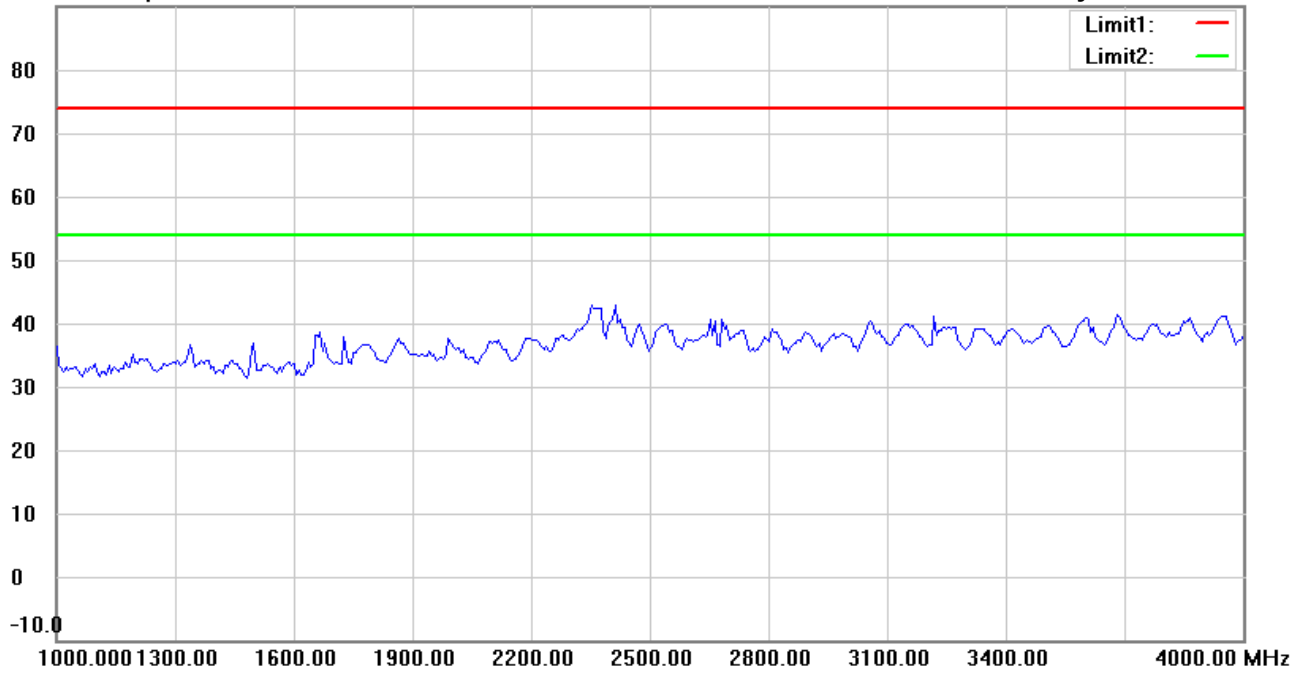
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:46:09 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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





Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

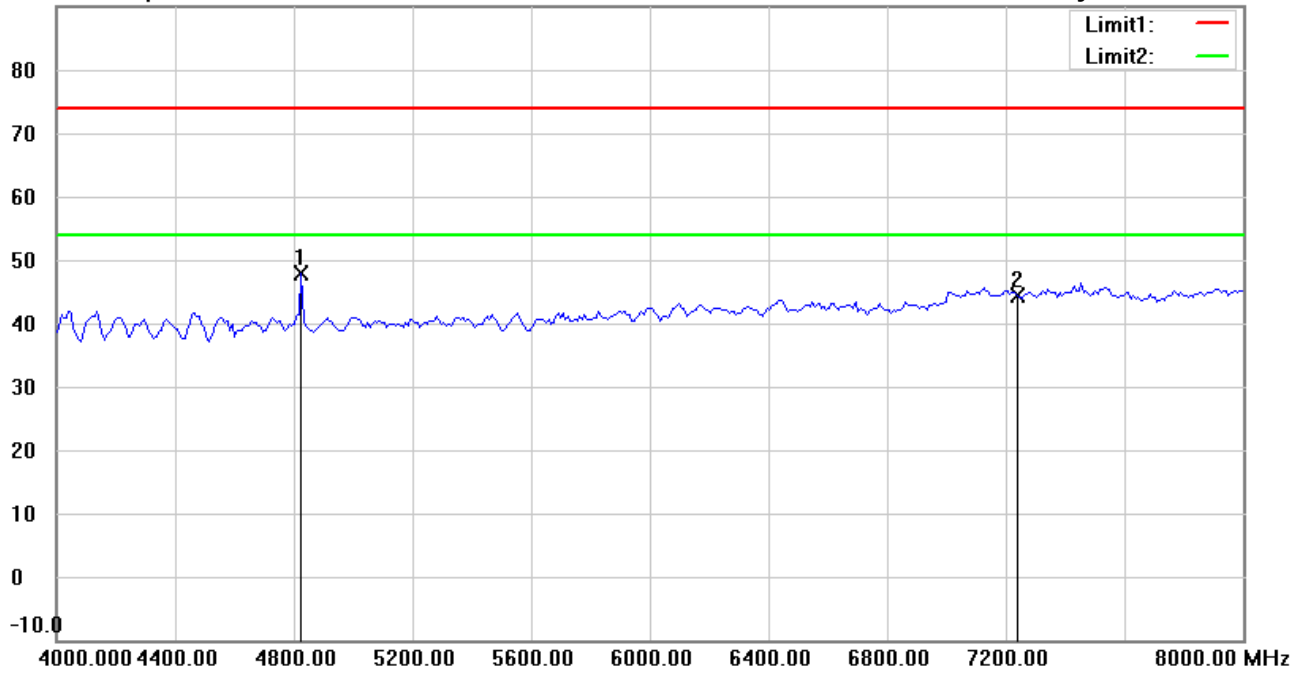
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:43:39 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4825.651	49.81	peak	-1.87	47.94	74.00	150	235	-26.06	
	7236.000	41.09	peak	3.28	44.37	74.00	150	57	-29.63	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

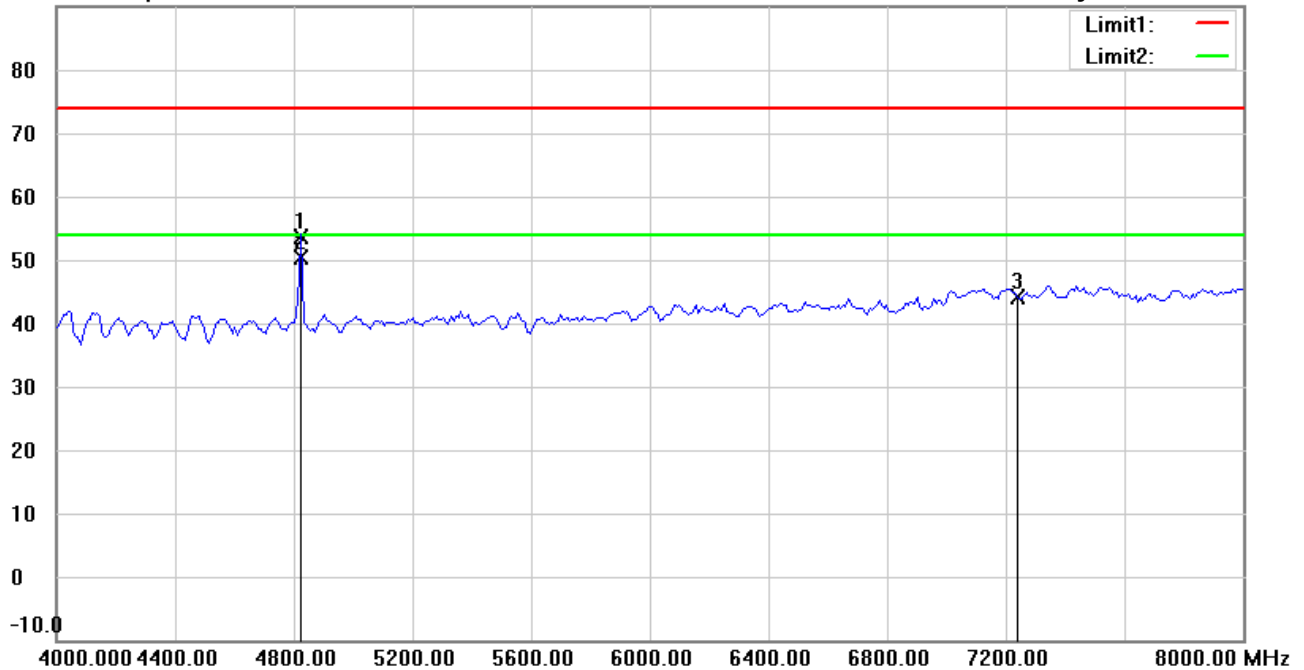
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:47:10 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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
	4824.063	55.55	peak	-1.88	53.67	74.00	150	193	-20.33	
*	4824.063	52.38	AVG	-1.88	50.50	54.00	150	193	-3.50	
	7236.000	40.93	peak	3.28	44.21	74.00	150	257	-29.79	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

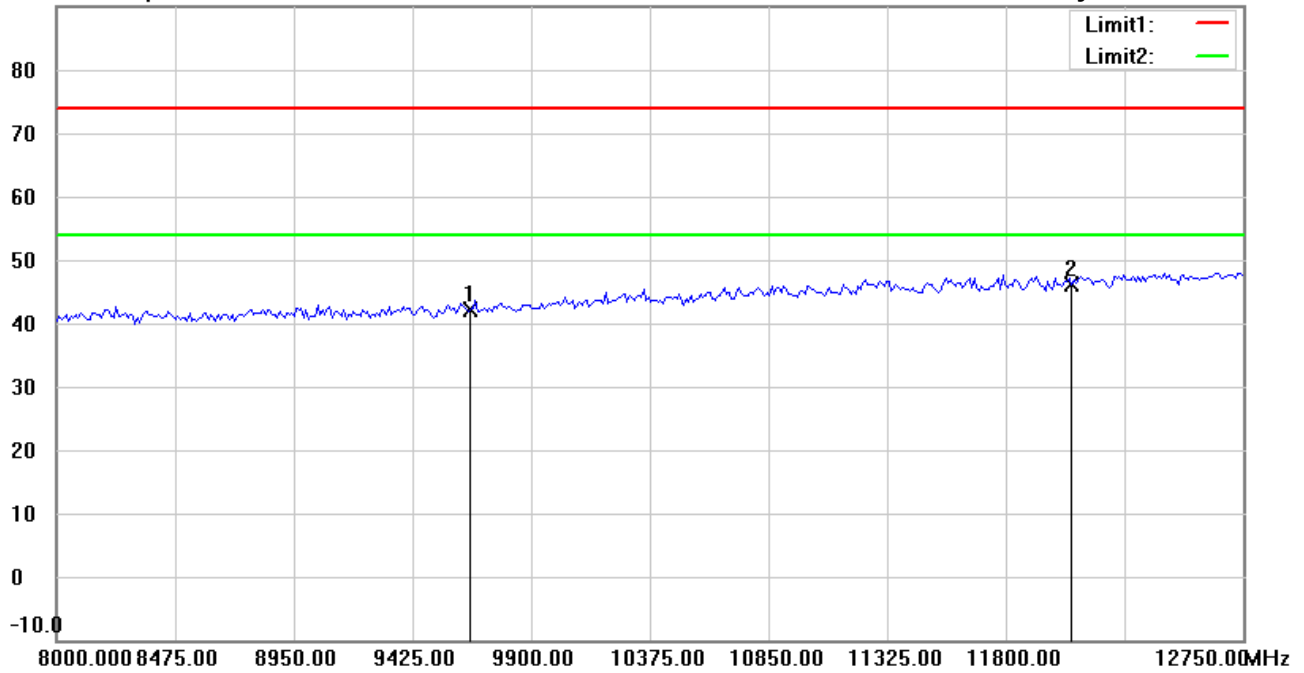
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:44:45 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Horizontal**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.57	peak	6.60	42.17	74.00	150	76	-31.83	
*	12060.000	34.02	peak	12.21	46.23	74.00	150	159	-27.77	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

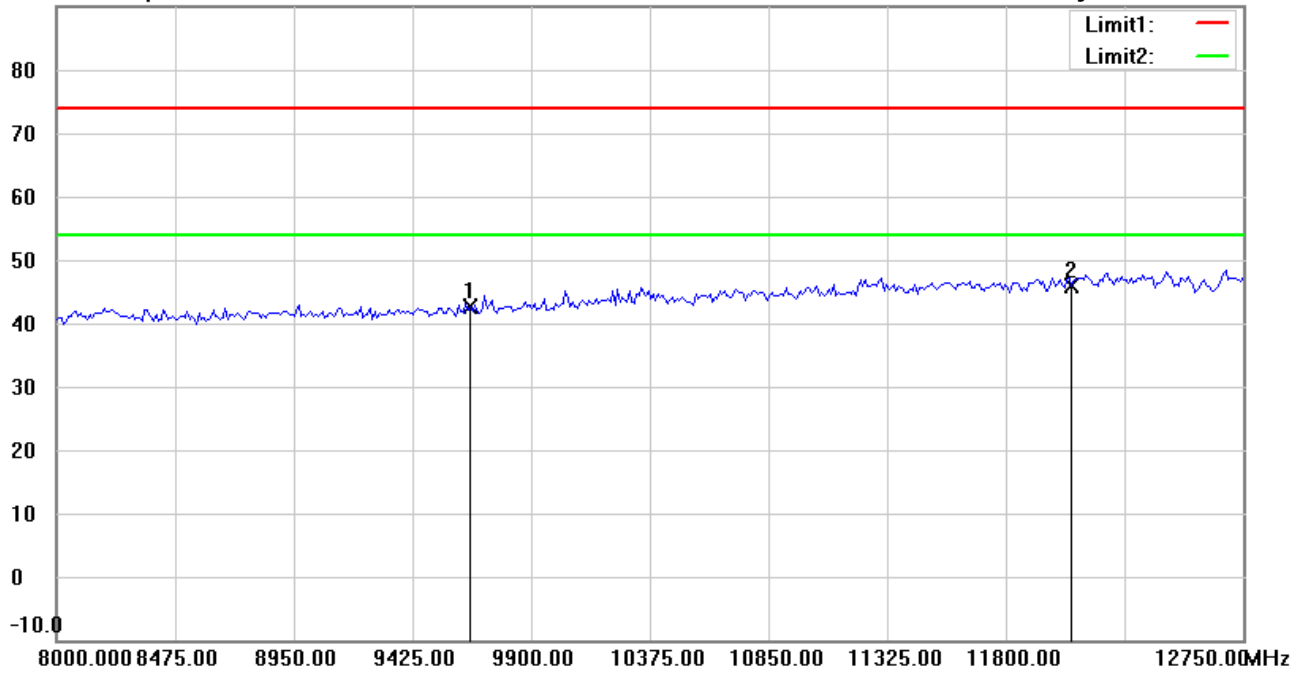
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:48:10 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.93	peak	6.60	42.53	74.00	150	225	-31.47	
*	12060.000	33.64	peak	12.21	45.85	74.00	150	175	-28.15	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

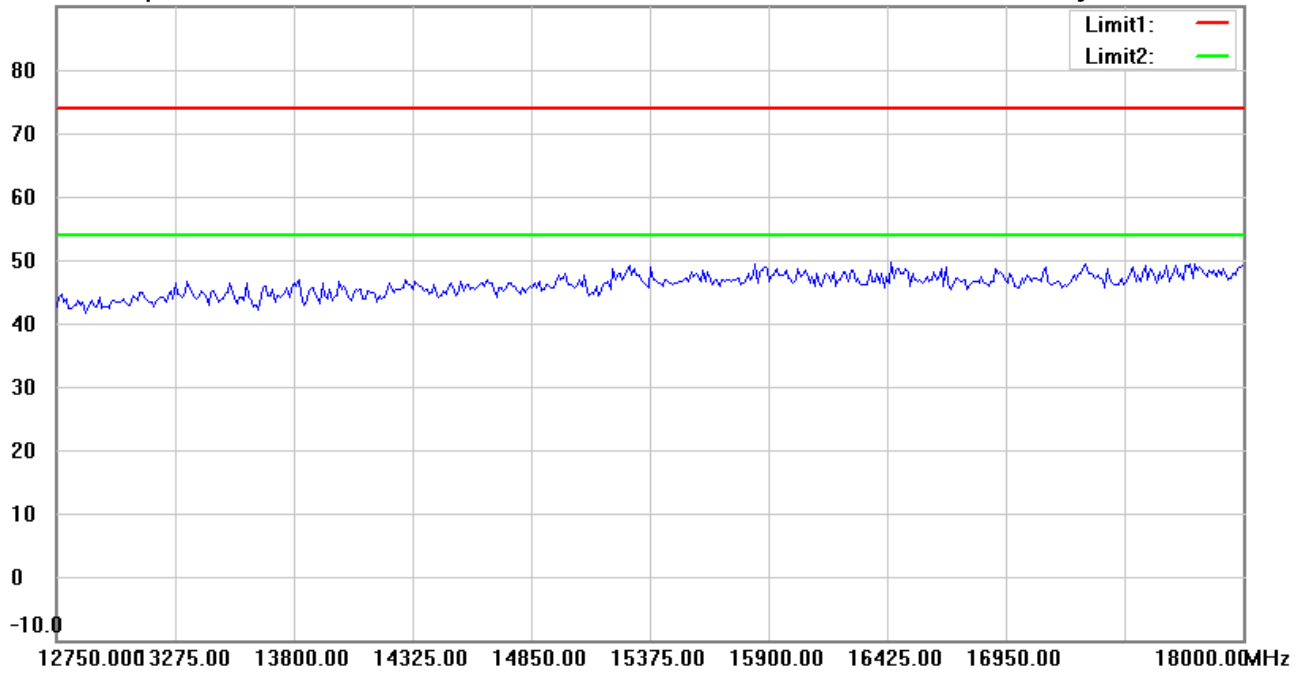
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:44:59 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

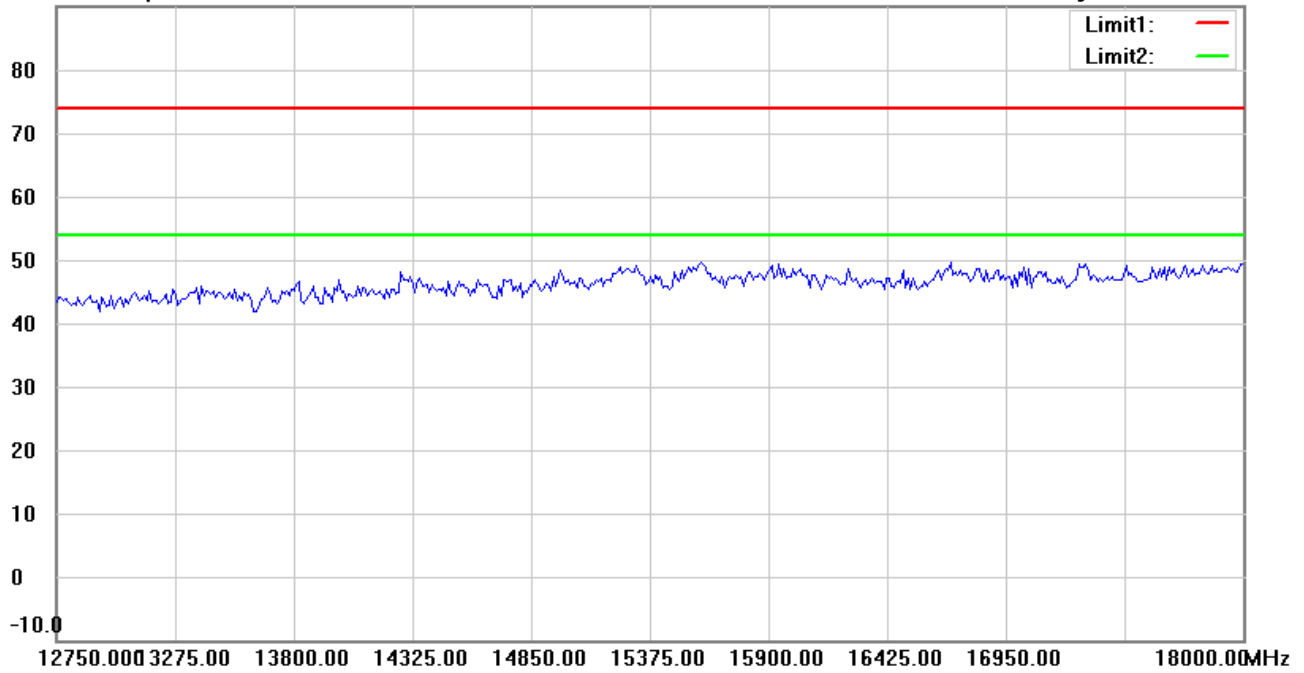
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:48:24 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

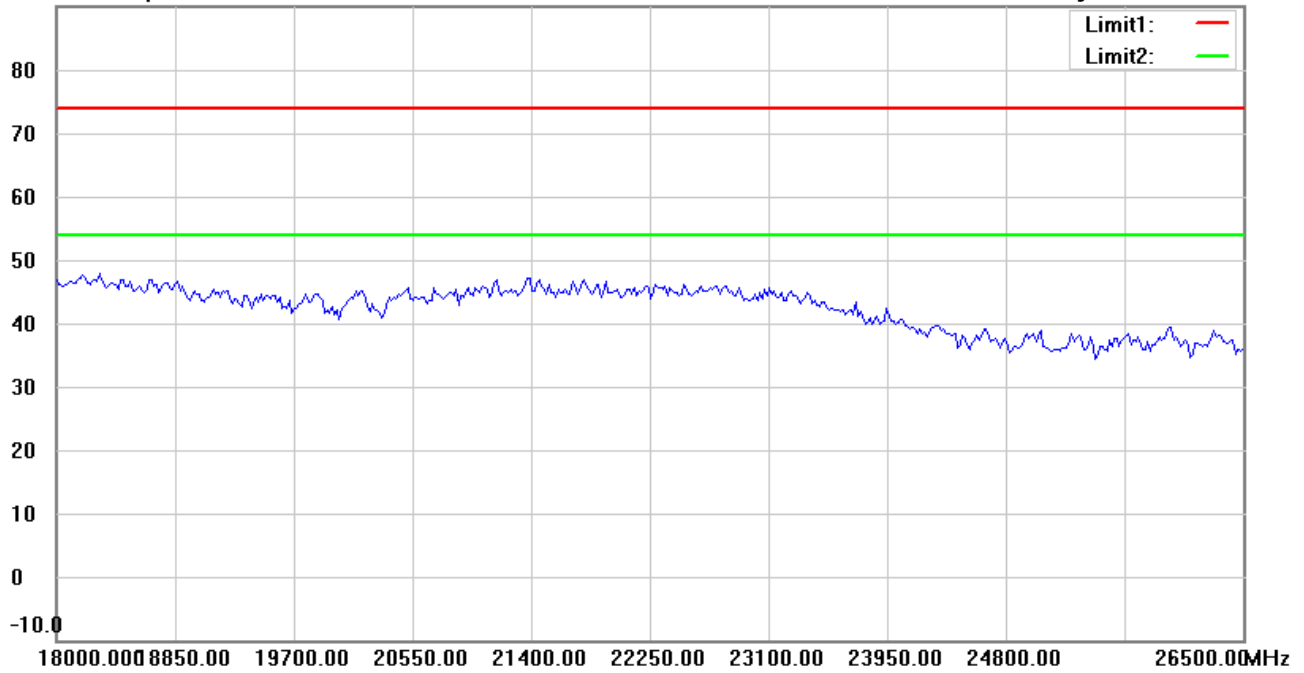
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:45:09 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

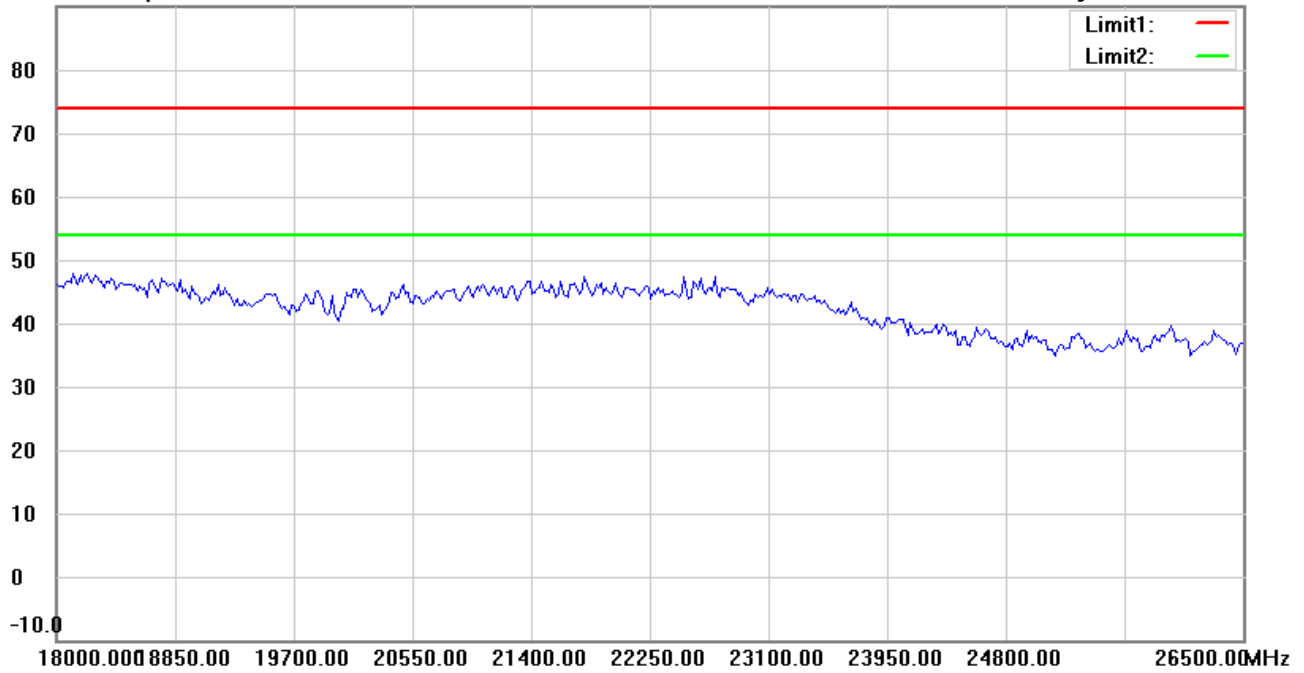
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:48:34 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

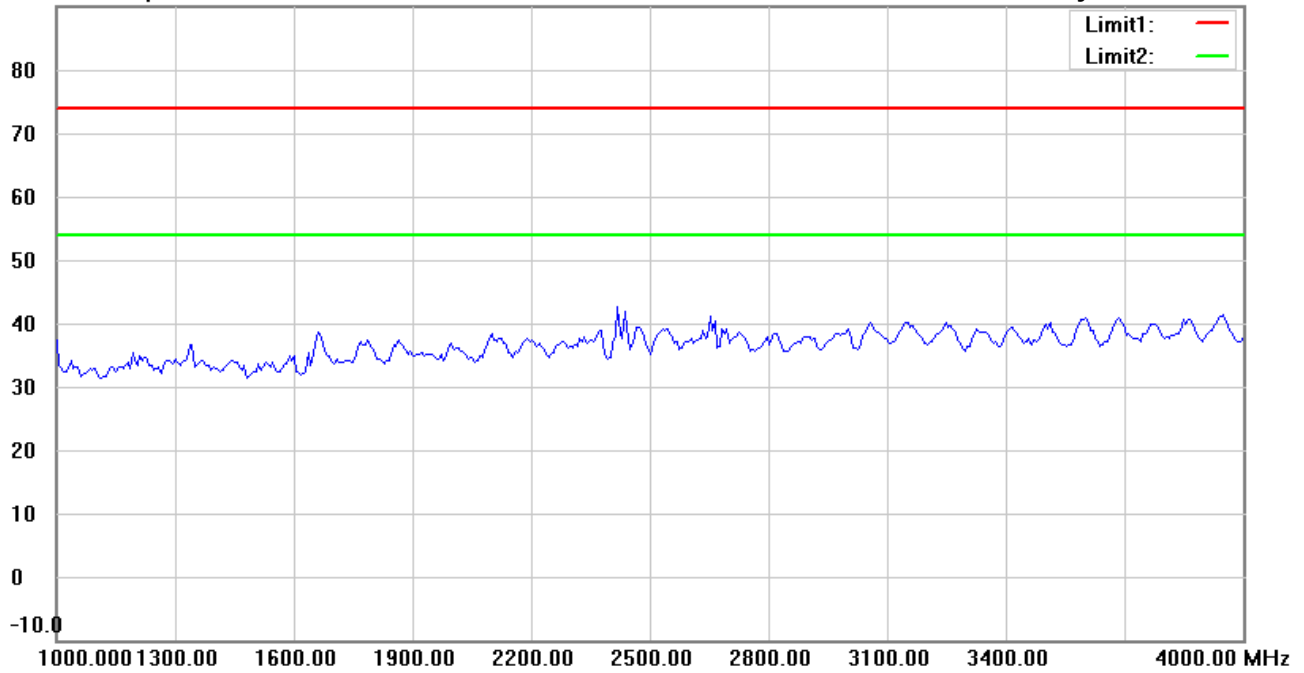
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 4:59:45 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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

Operator: Leon

File :3

Data :#6

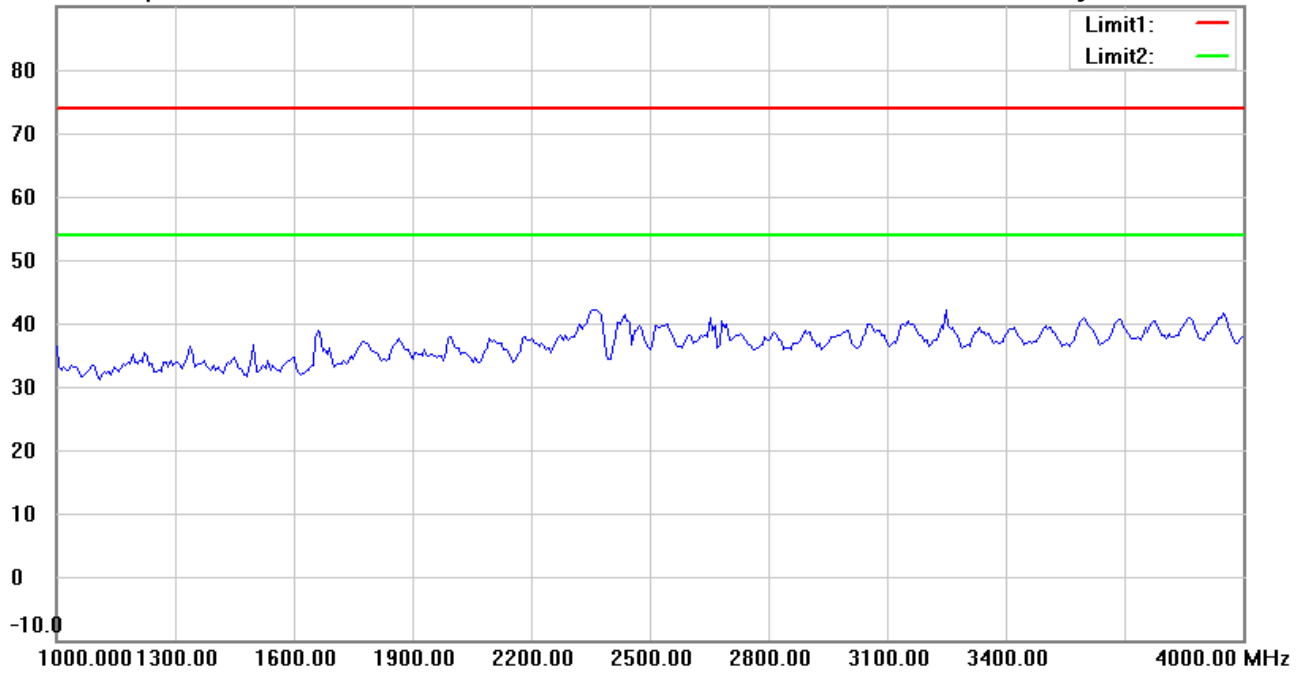
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:03:15 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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: Leon

File :3

Data :#2

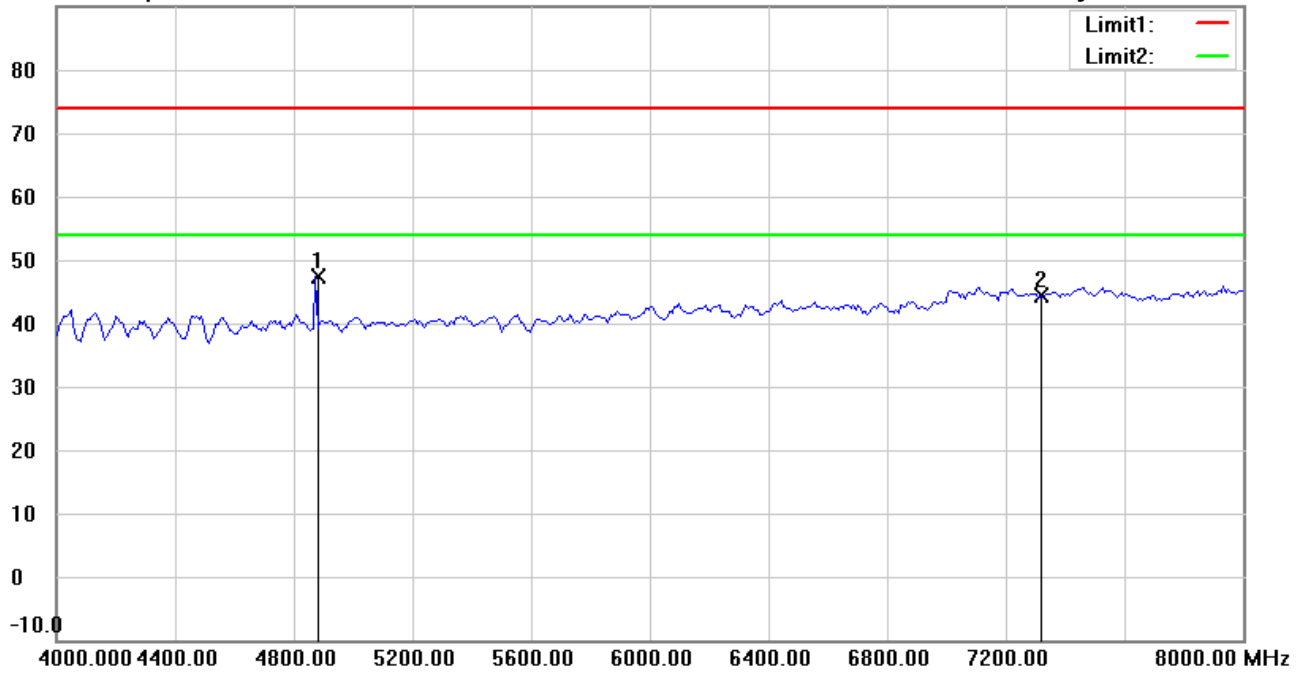
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:00:45 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	49.14	peak	-1.70	47.44	74.00	150	34	-26.56	
	7311.000	40.96	peak	3.42	44.38	74.00	150	217	-29.62	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

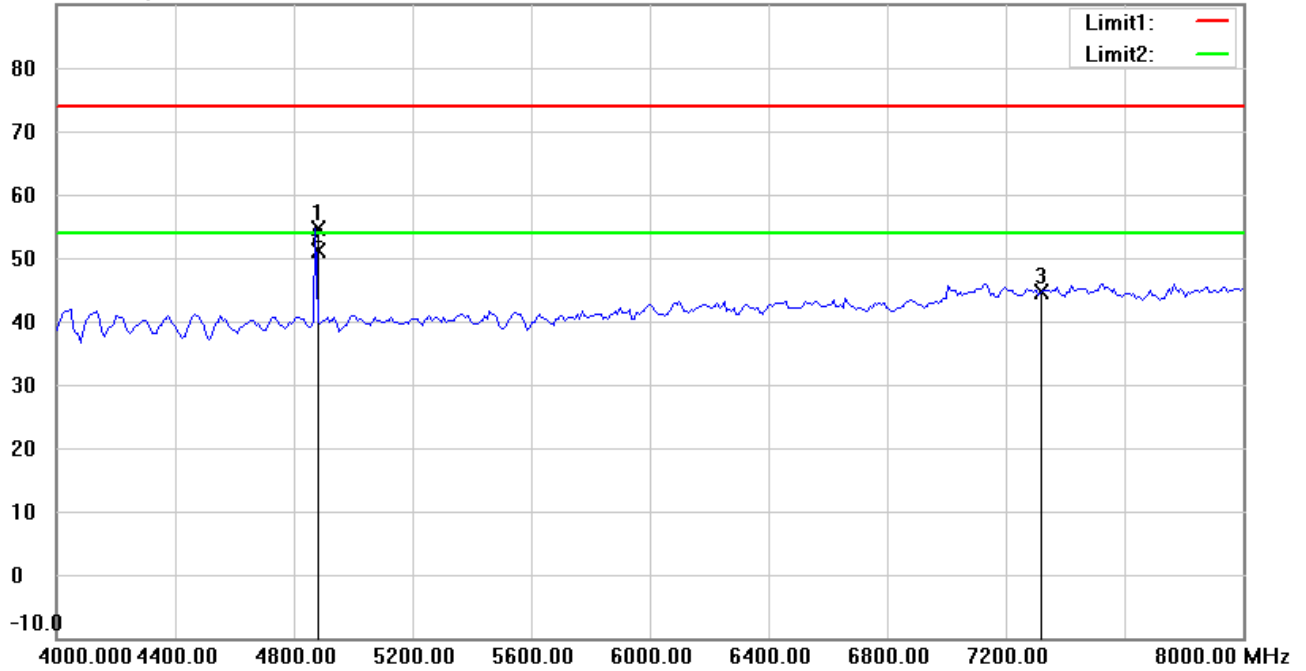
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:04:16 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	56.39	peak	-1.70	54.69	74.00	170	197	-19.31	
*	4873.748	52.89	AVG	-1.70	51.19	54.00	170	197	-2.81	
	7311.000	41.18	peak	3.42	44.60	74.00	150	203	-29.40	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

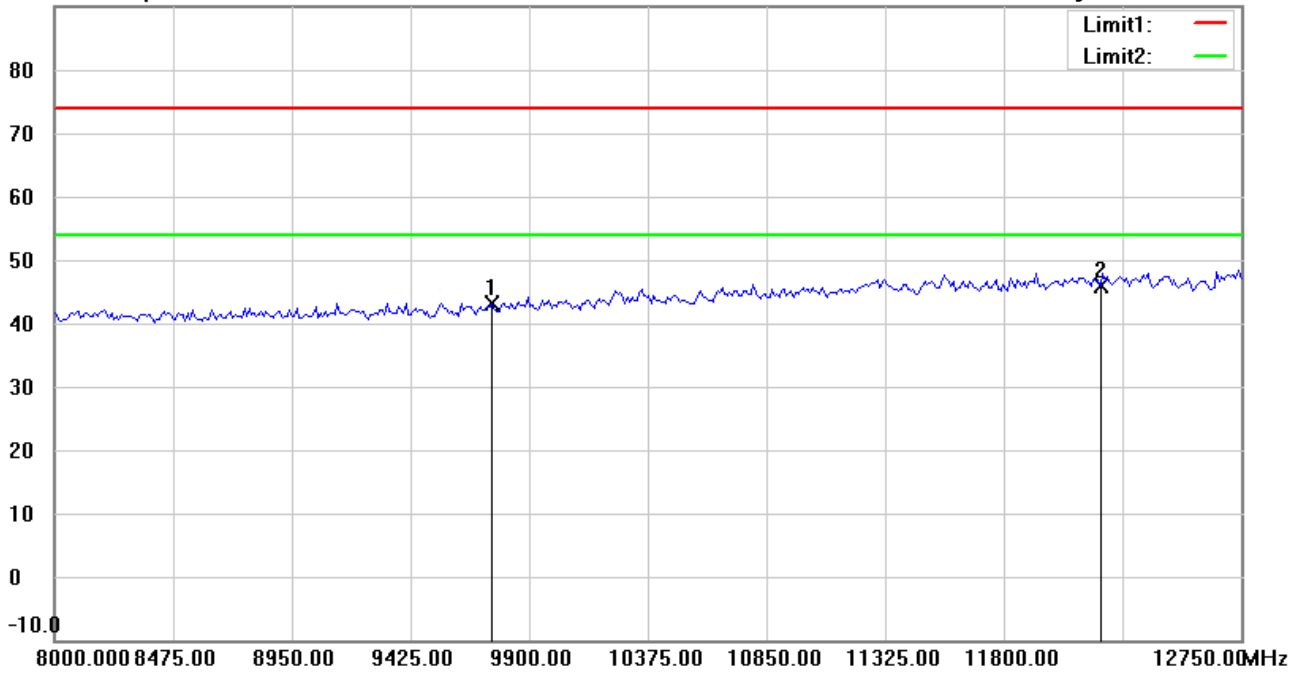
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:01:52 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	36.40	peak	6.75	43.15	74.00	150	155	-30.85	
*	12185.000	33.15	peak	12.83	45.98	74.00	150	270	-28.02	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

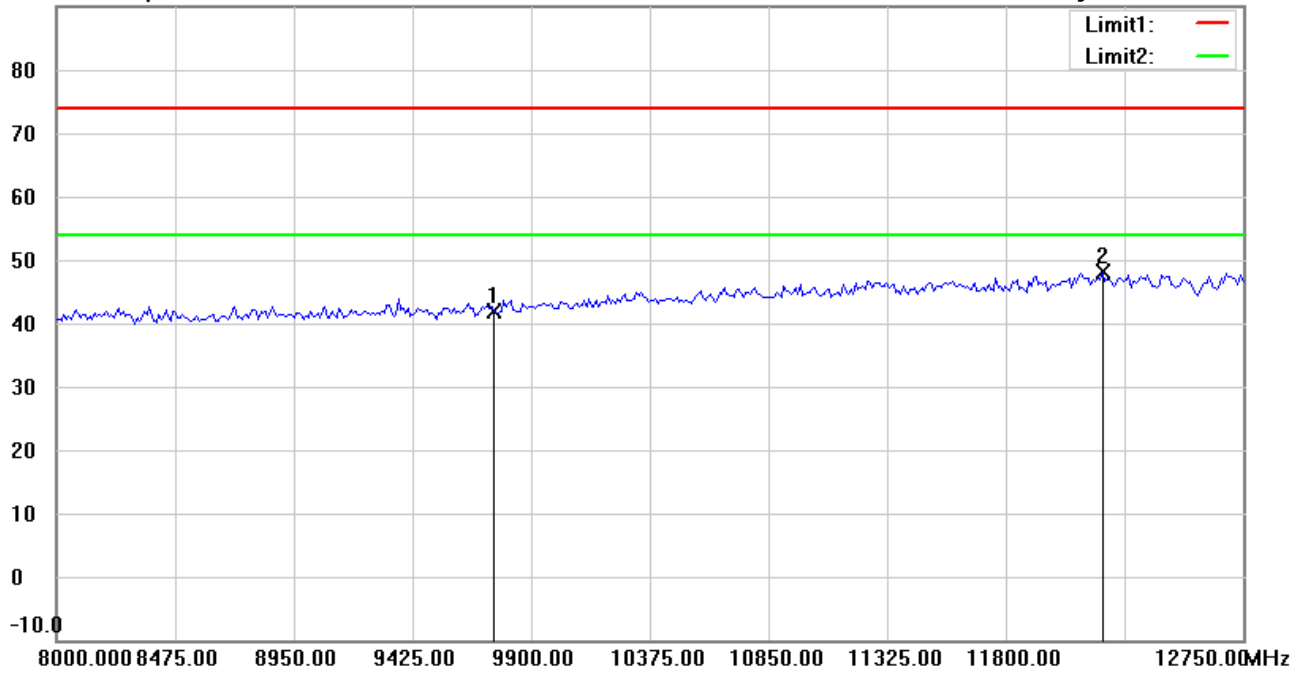
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:05:15 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.08	peak	6.75	41.83	74.00	150	162	-32.17	
*	12185.000	35.27	peak	12.83	48.10	74.00	150	80	-25.90	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

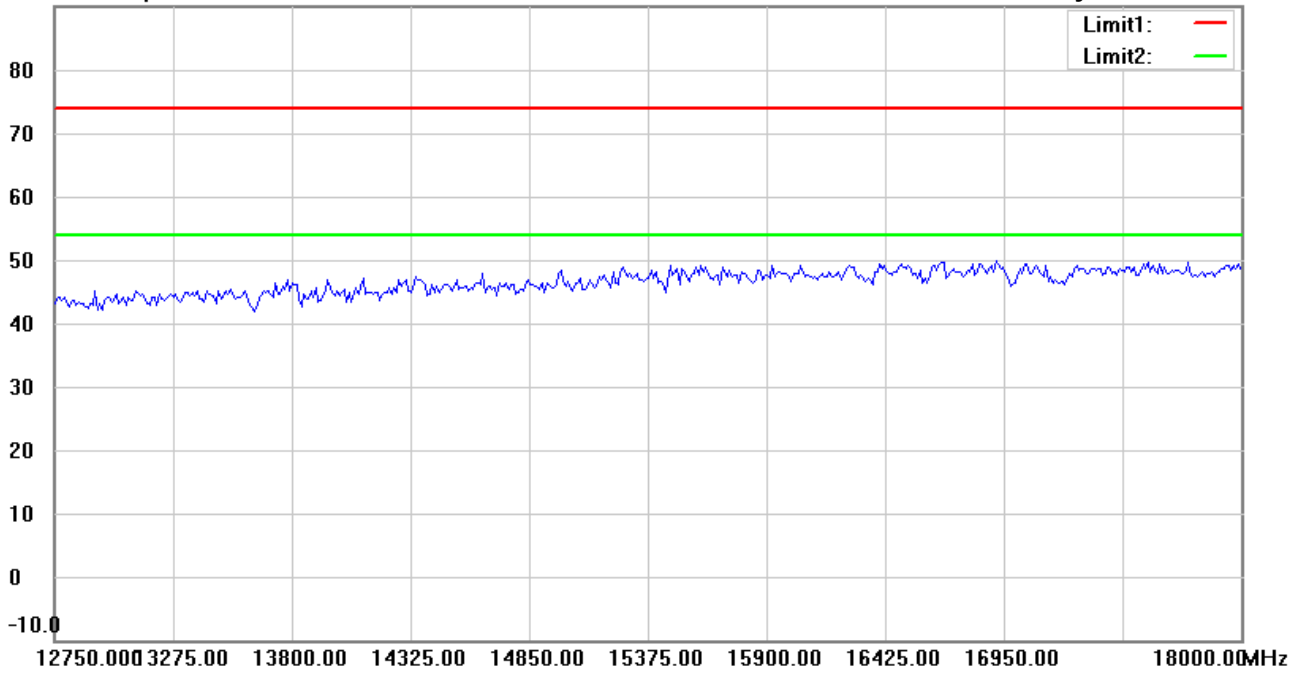
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:02:06 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

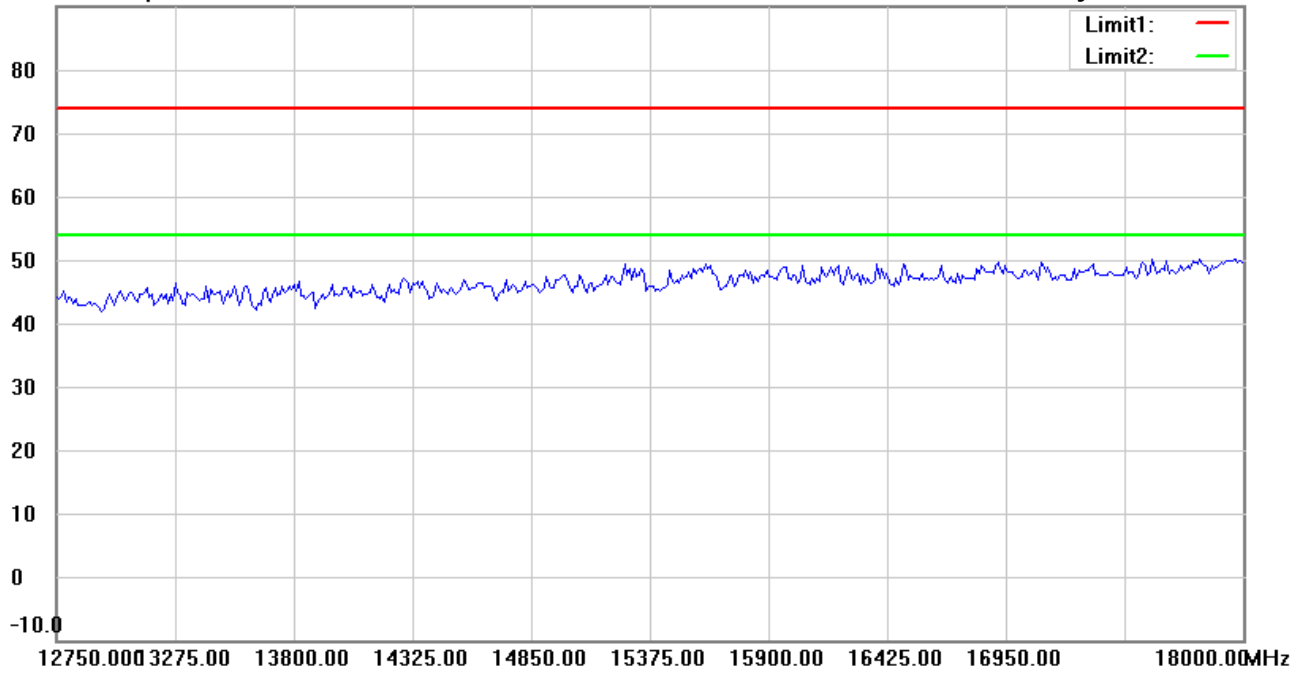
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:05:29 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

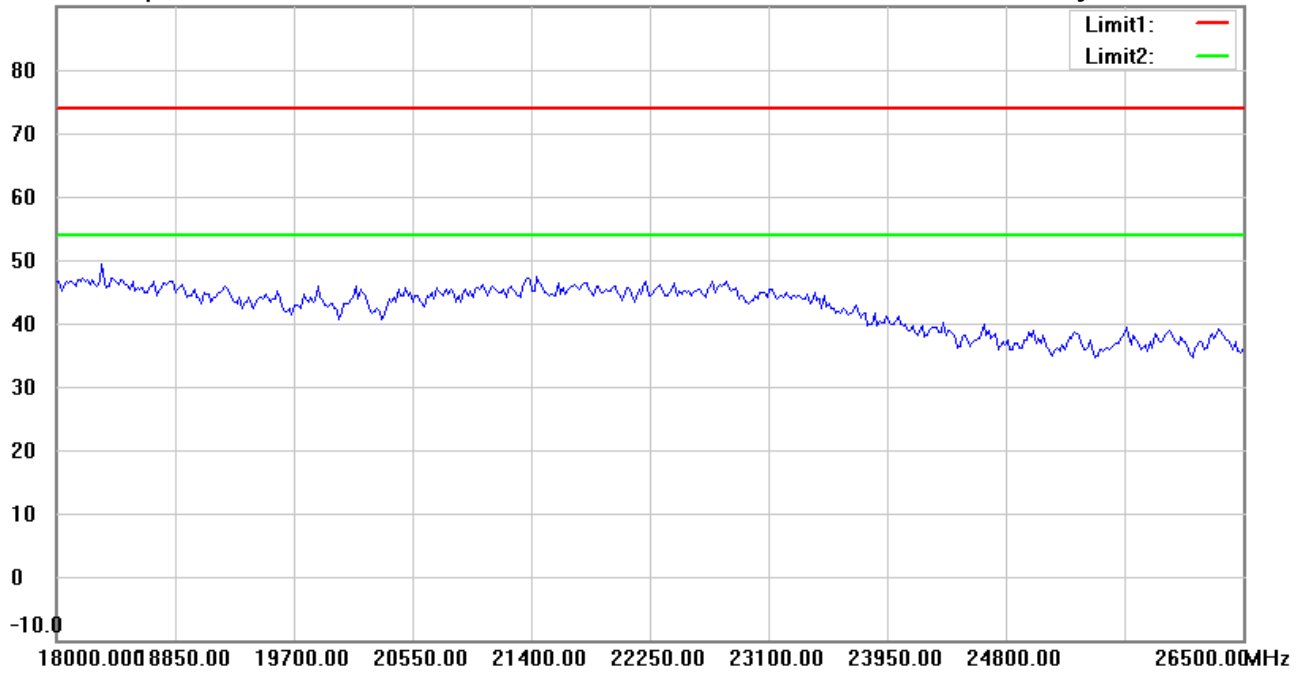
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:02:15 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#10

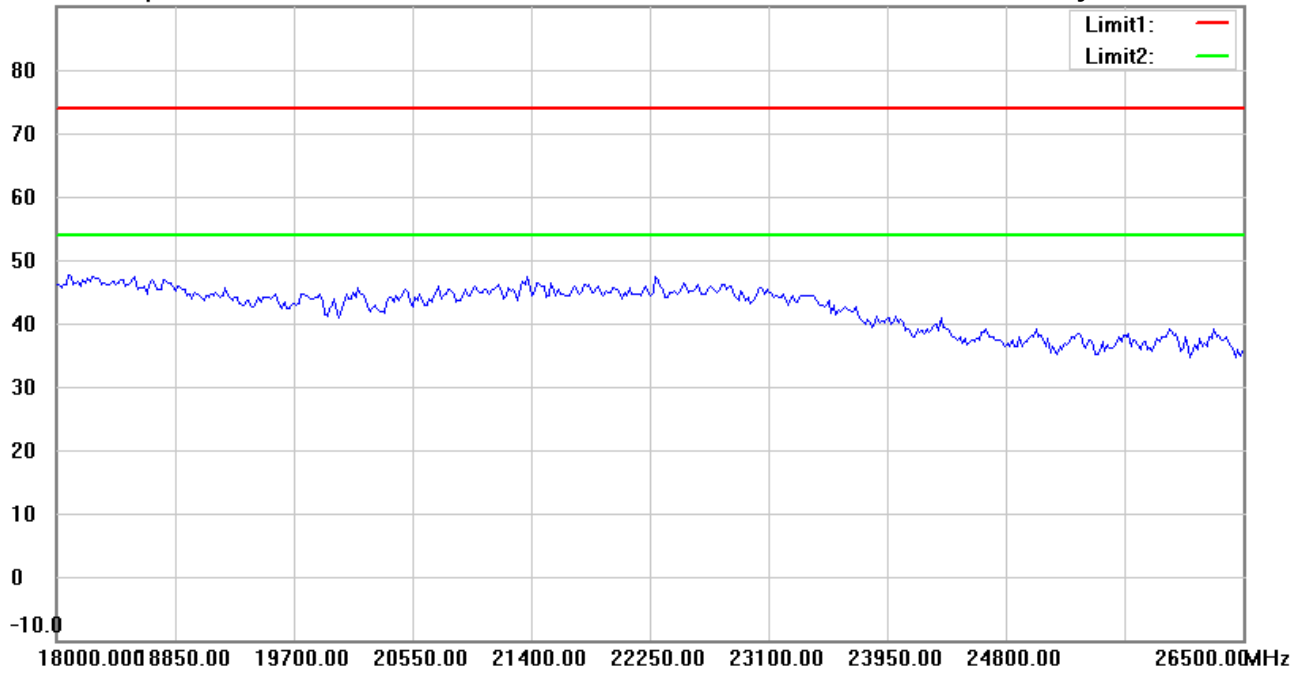
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:05:39 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#1

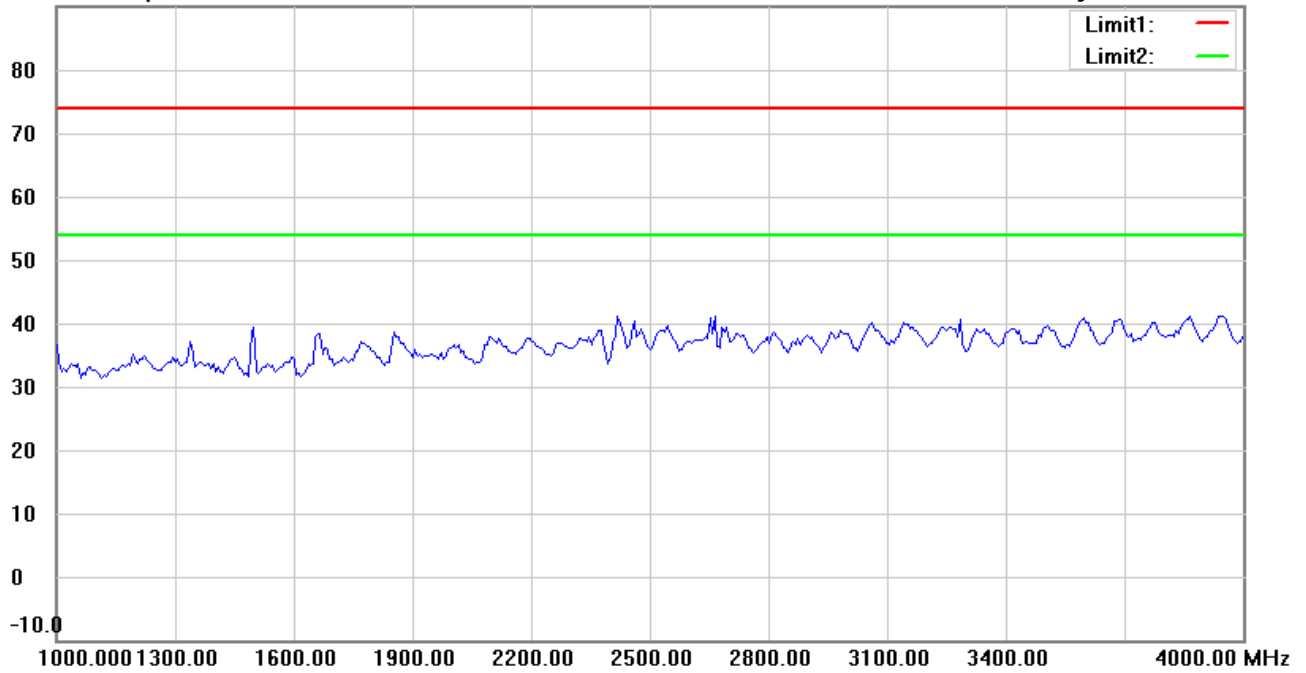
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:16:31 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#6

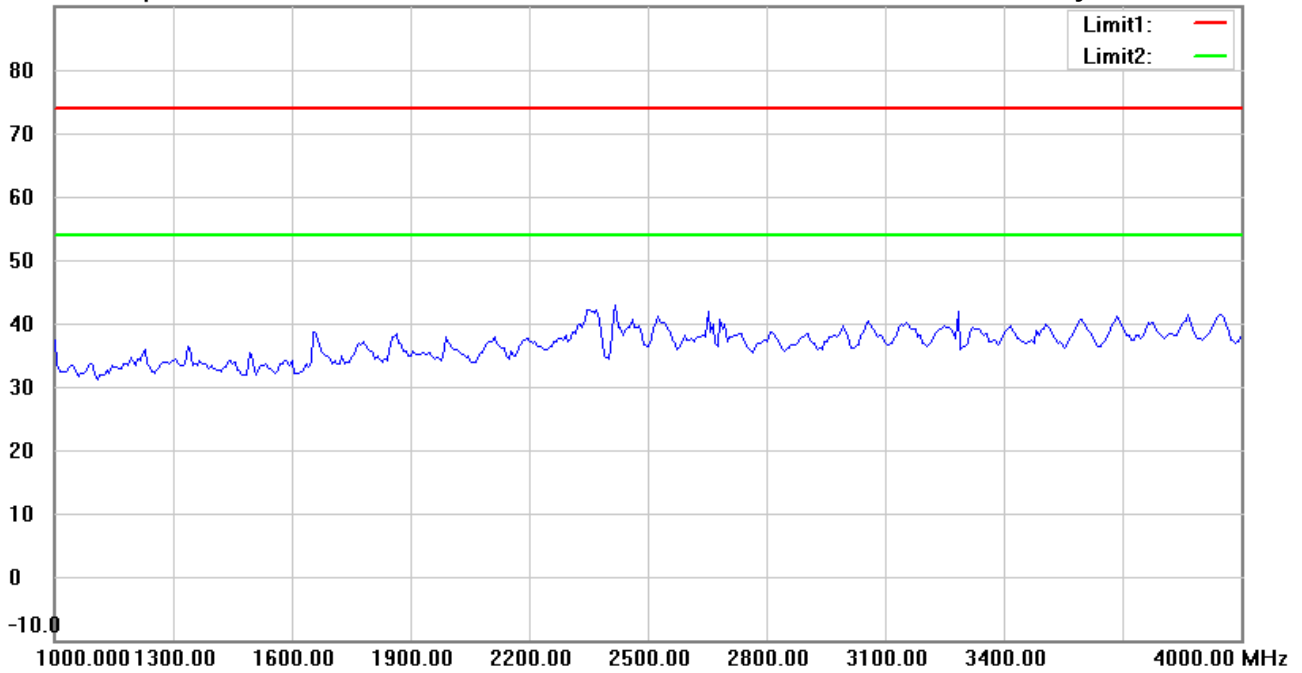
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:20:02 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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: Leon

File :3

Data :#2

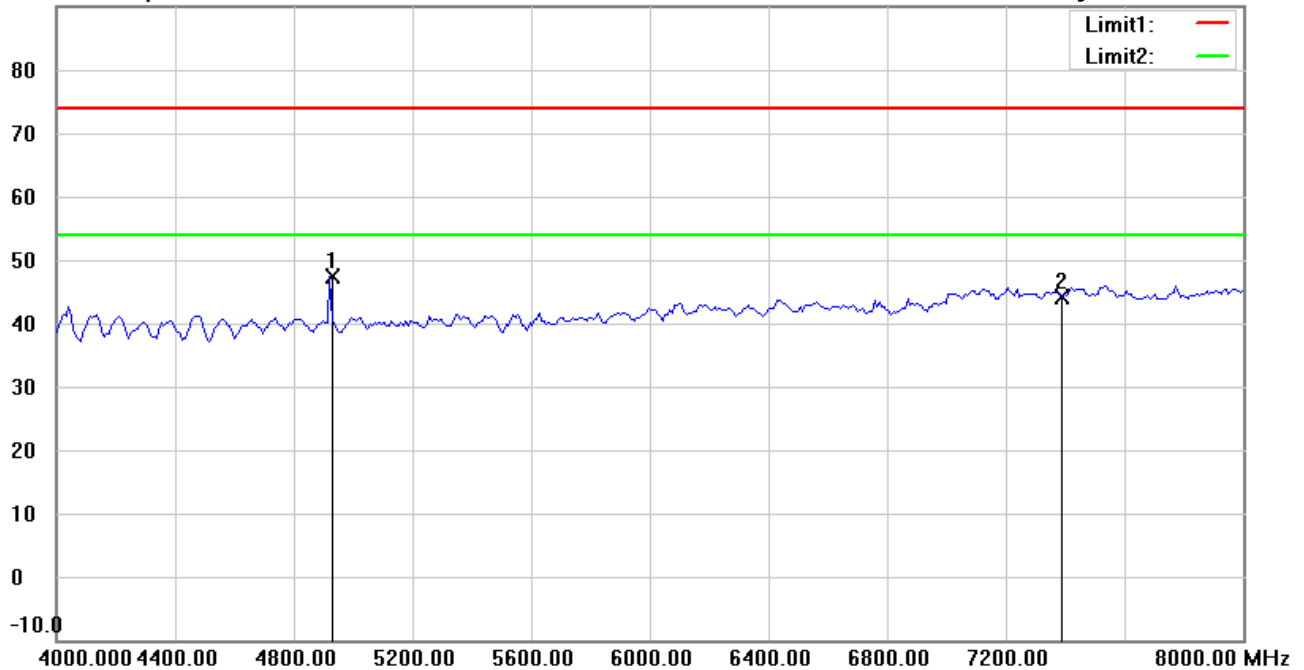
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:17:32 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	48.99	peak	-1.52	47.47	74.00	150	153	-26.53	
	7386.000	40.51	peak	3.72	44.23	74.00	150	195	-29.77	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

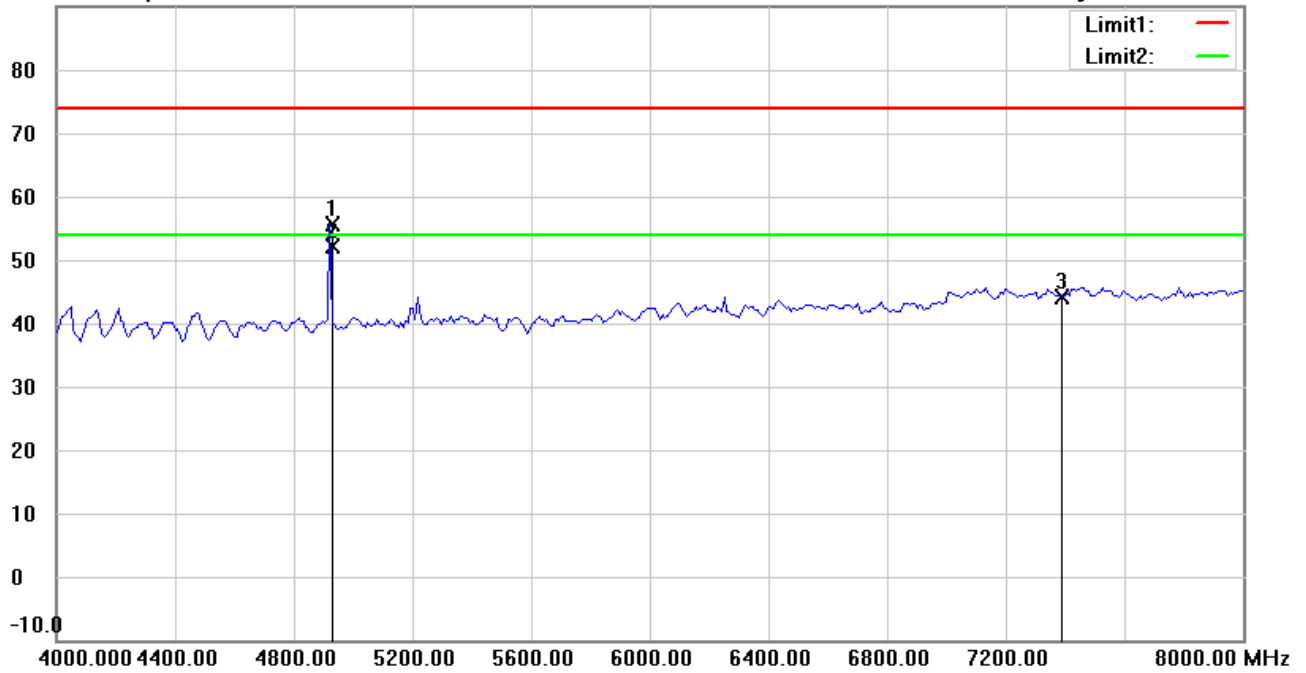
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:21:02 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	57.27	peak	-1.52	55.75	74.00	157	196	-18.25	
*	4921.844	53.66	AVG	-1.52	52.14	54.00	157	196	-1.86	
	7386.000	40.47	peak	3.72	44.19	74.00	150	172	-29.81	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

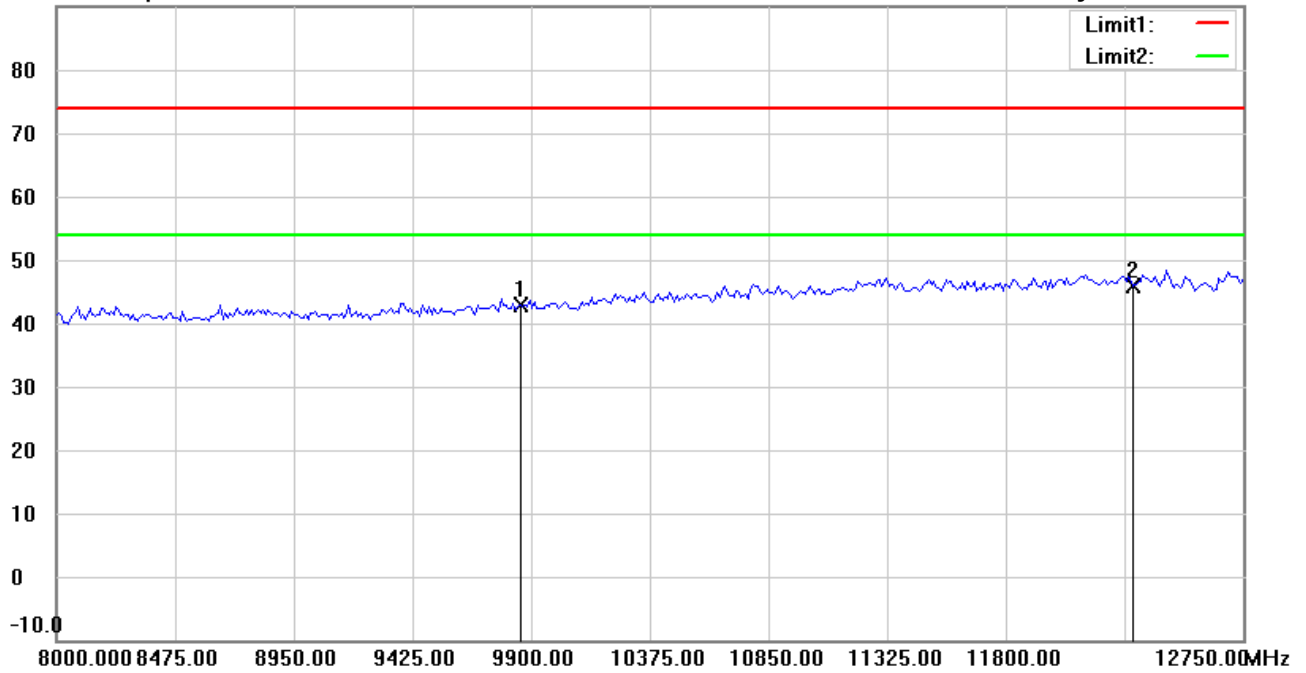
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:18:38 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	36.00	peak	6.96	42.96	74.00	150	220	-31.04	
*	12310.000	33.72	peak	12.18	45.90	74.00	150	149	-28.10	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

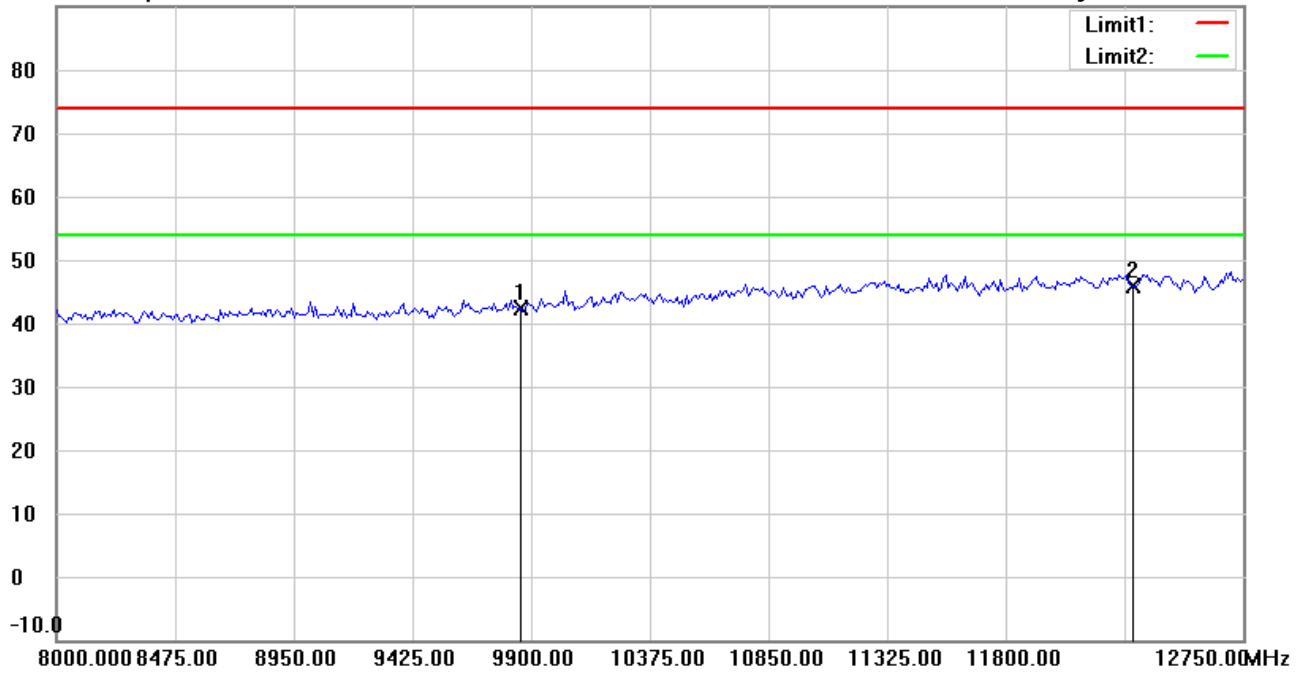
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:22:02 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.42	peak	6.96	42.38	74.00	150	85	-31.62	
*	12310.000	33.64	peak	12.18	45.82	74.00	150	240	-28.18	





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

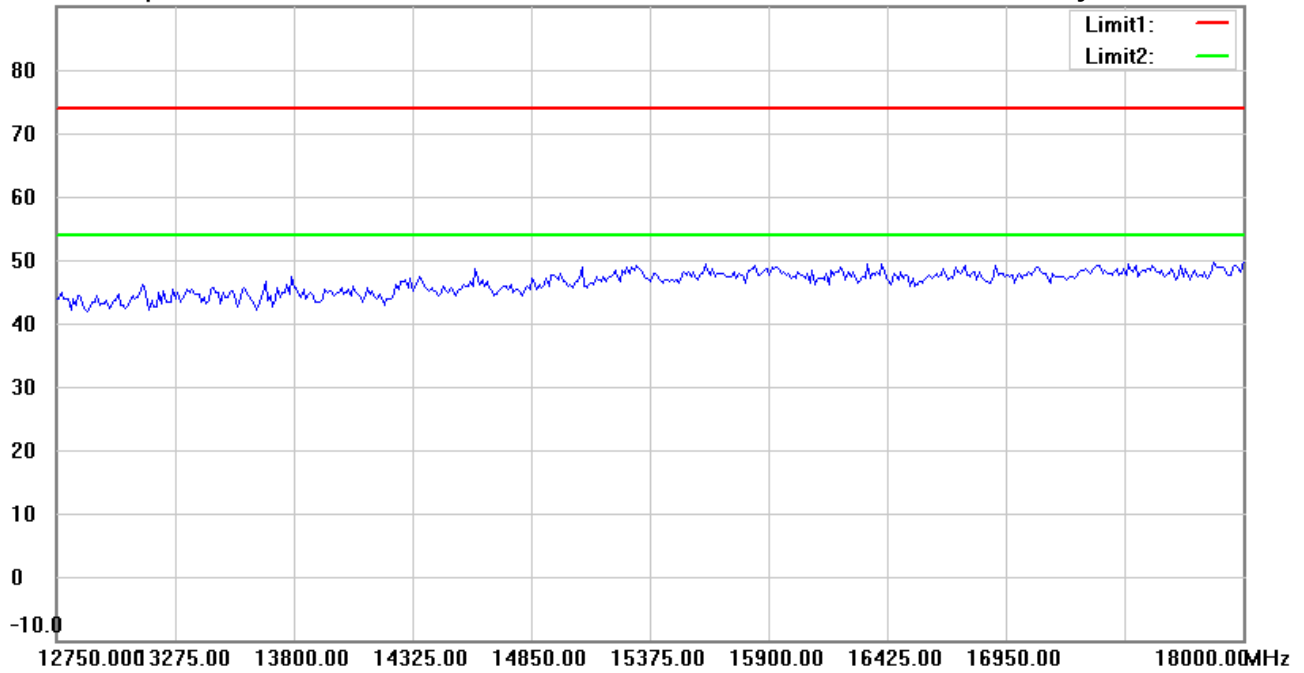
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:18:52 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

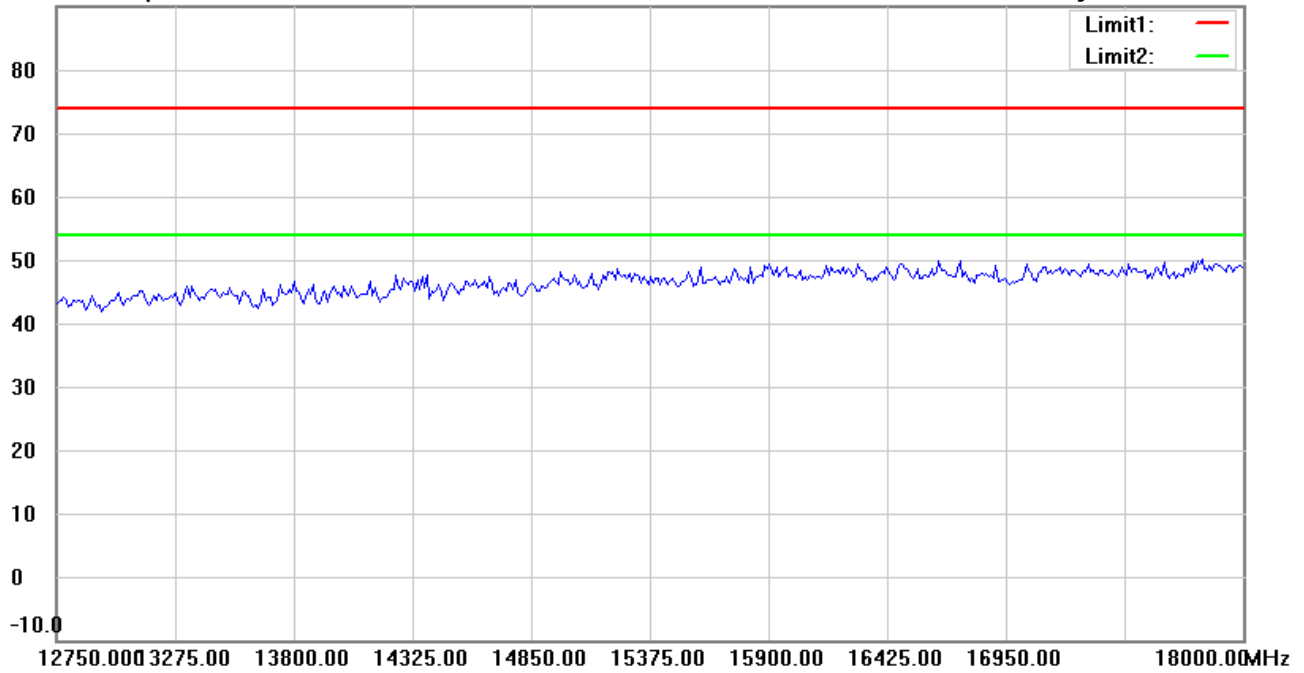
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:22:16 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

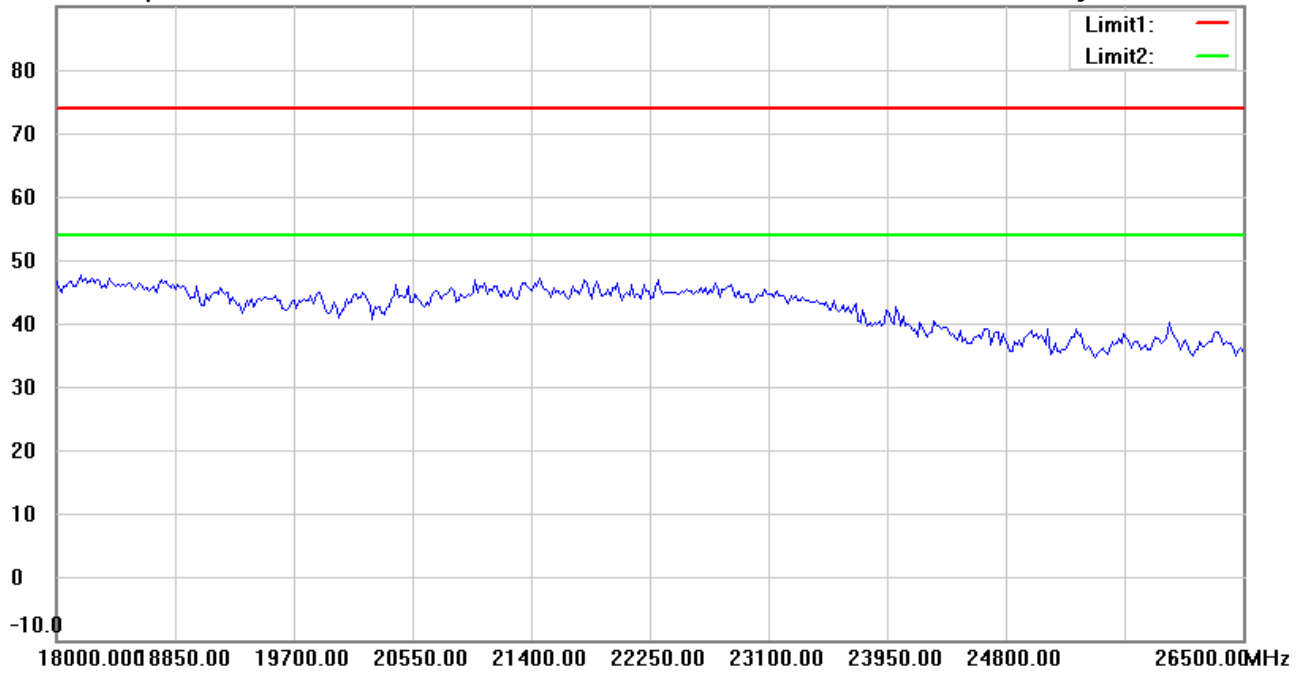
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:19:02 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

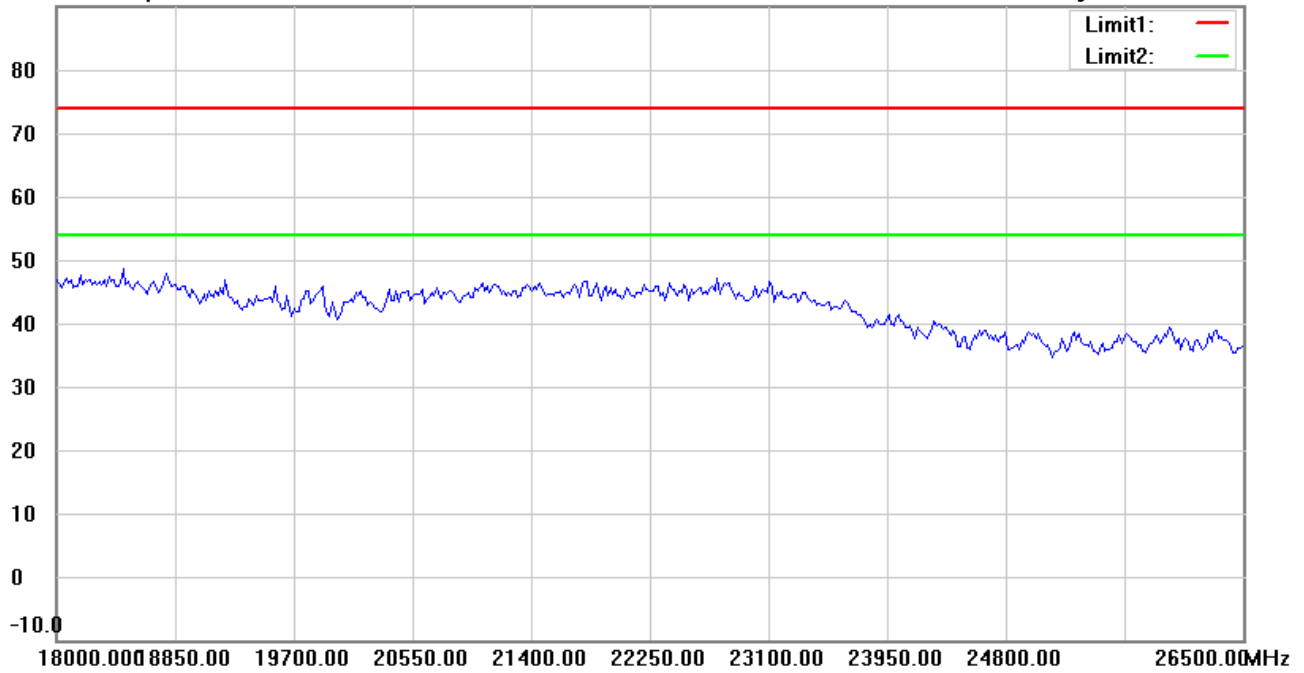
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:22:26 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Vertical*

Power : 3.3 Vd.c.

Distance: 3m

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

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



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 Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

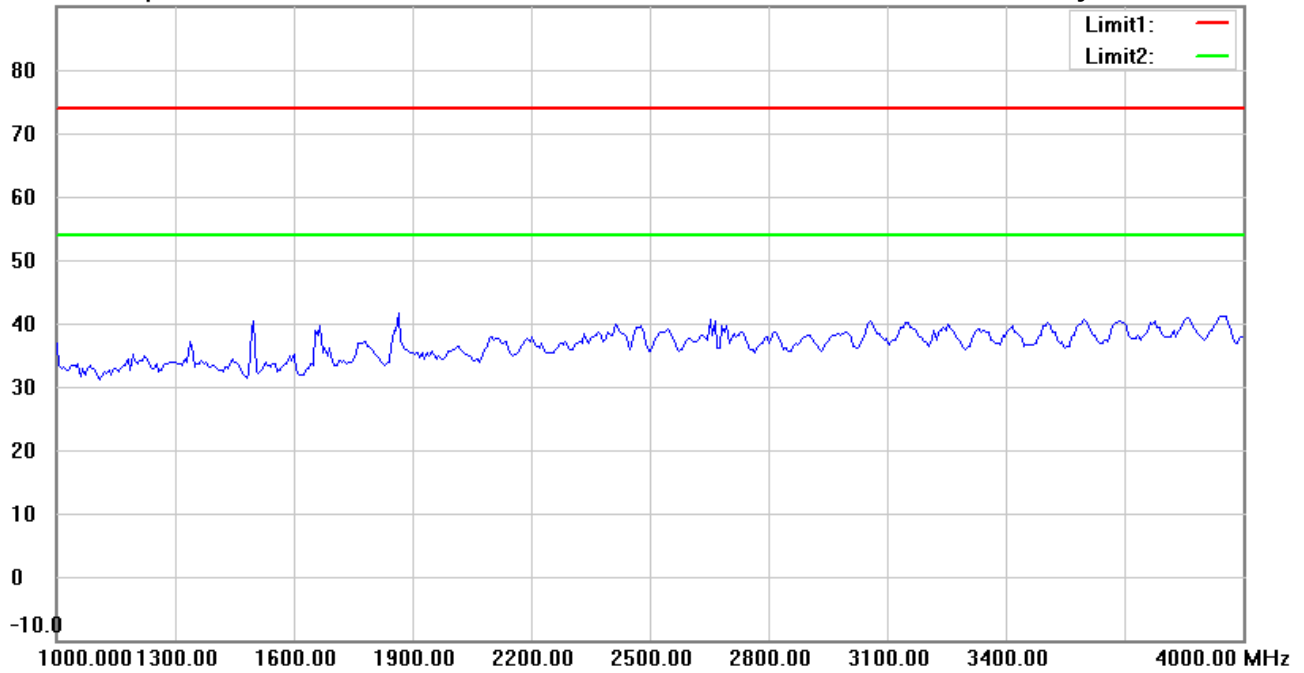
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:31:54 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

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

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

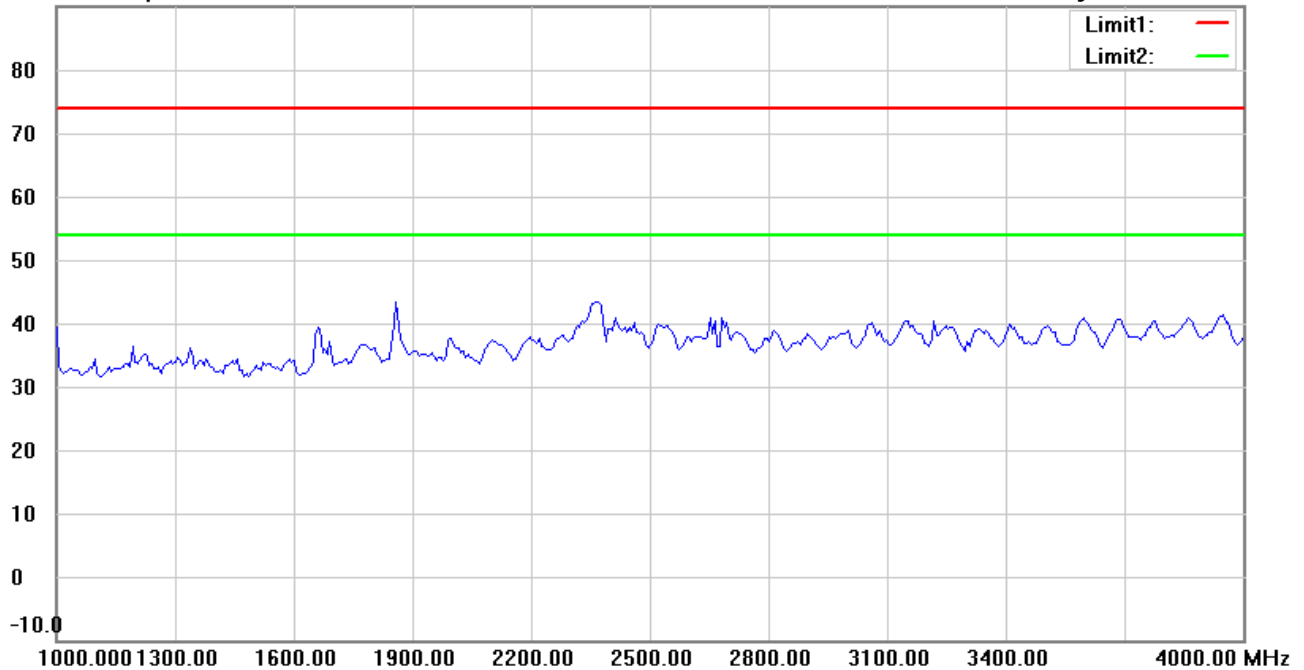
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:35:25 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

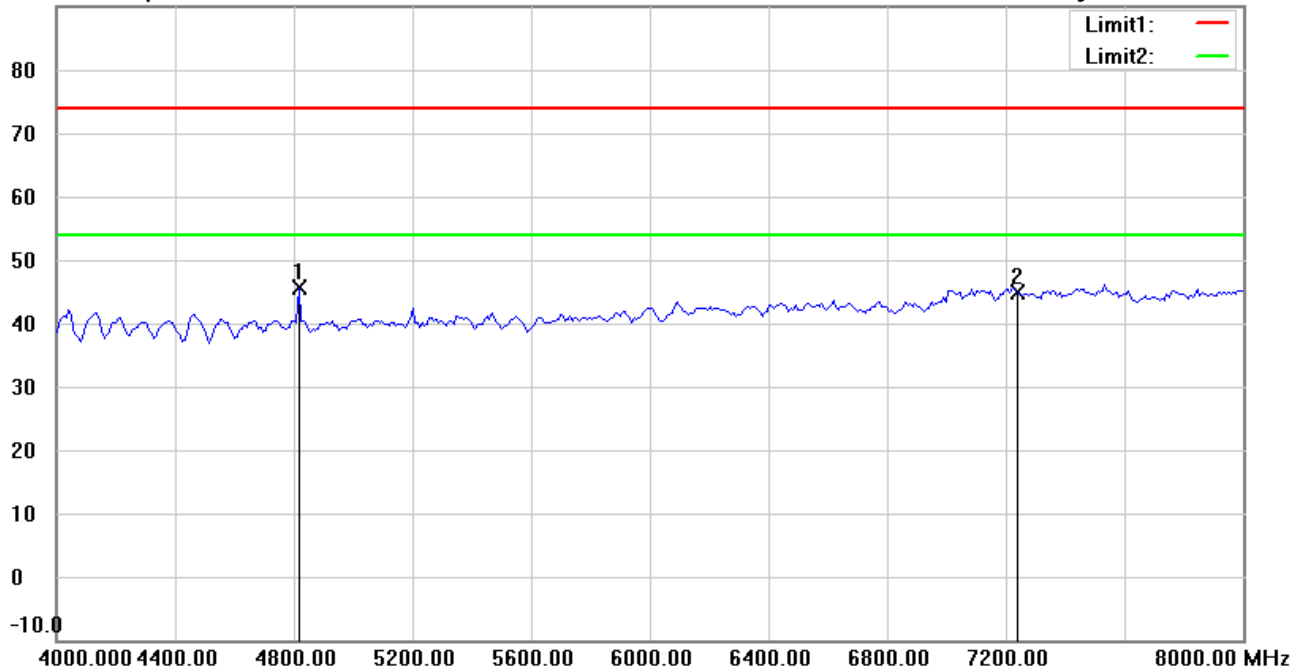
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:32:55 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4817.635	47.60	peak	-1.90	45.70	74.00	150	20	-28.30	
	7236.000	41.54	peak	3.28	44.82	74.00	150	135	-29.18	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

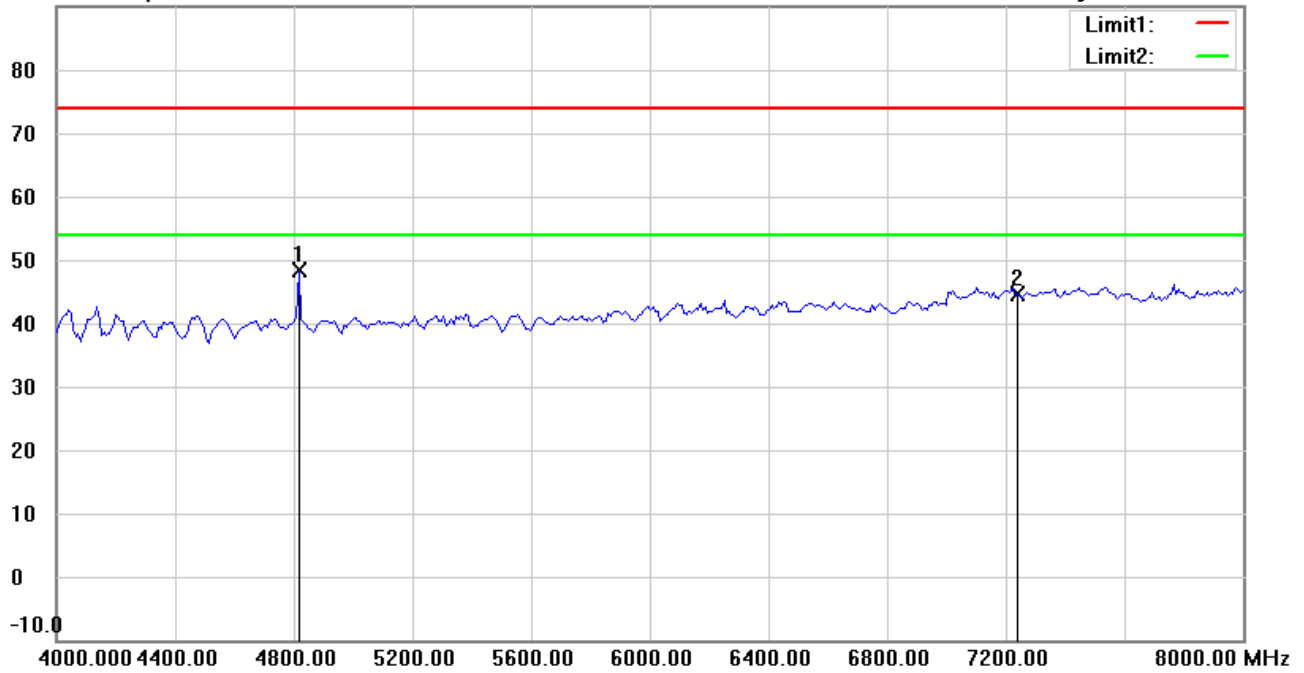
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:36:25 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4817.635	50.31	peak	-1.90	48.41	74.00	150	210	-25.59	
	7236.000	41.27	peak	3.28	44.55	74.00	150	285	-29.45	





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

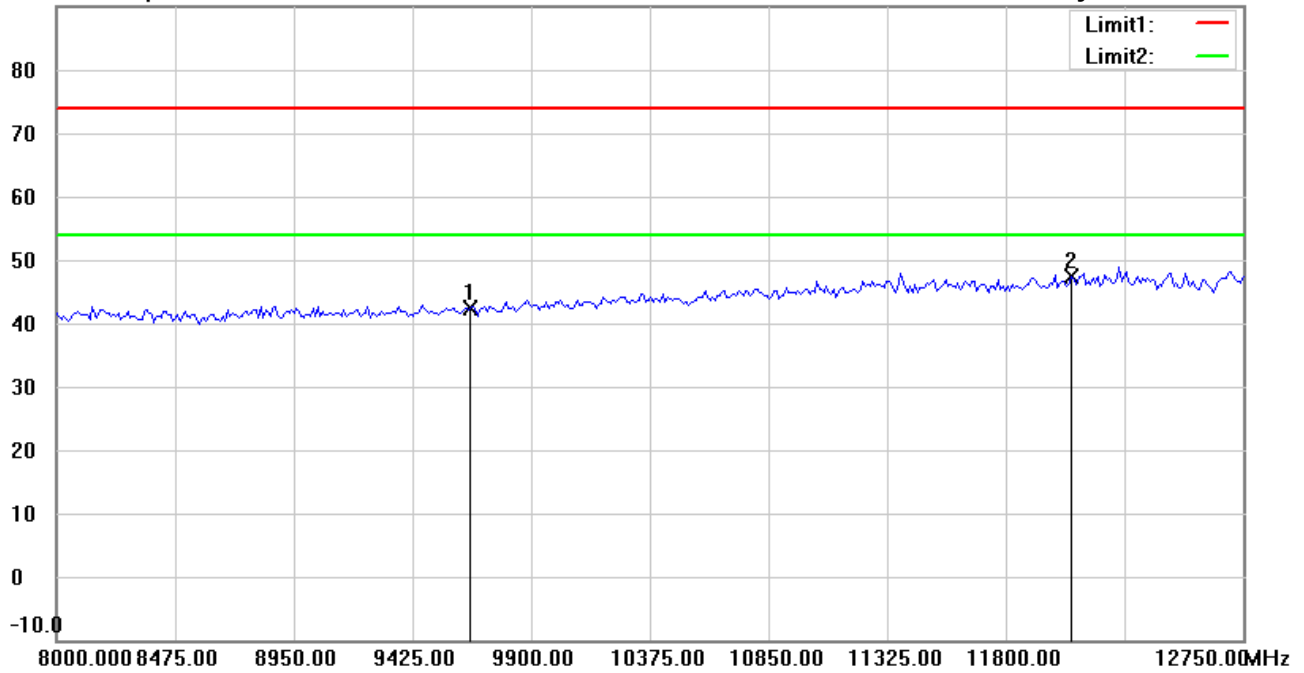
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:34:01 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Horizontal**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.72	peak	6.60	42.32	74.00	150	55	-31.68	
*	12060.000	35.08	peak	12.21	47.29	74.00	150	213	-26.71	

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



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**Radiated Emission Measurement**

Operator: Leon

File :3

Data :#8

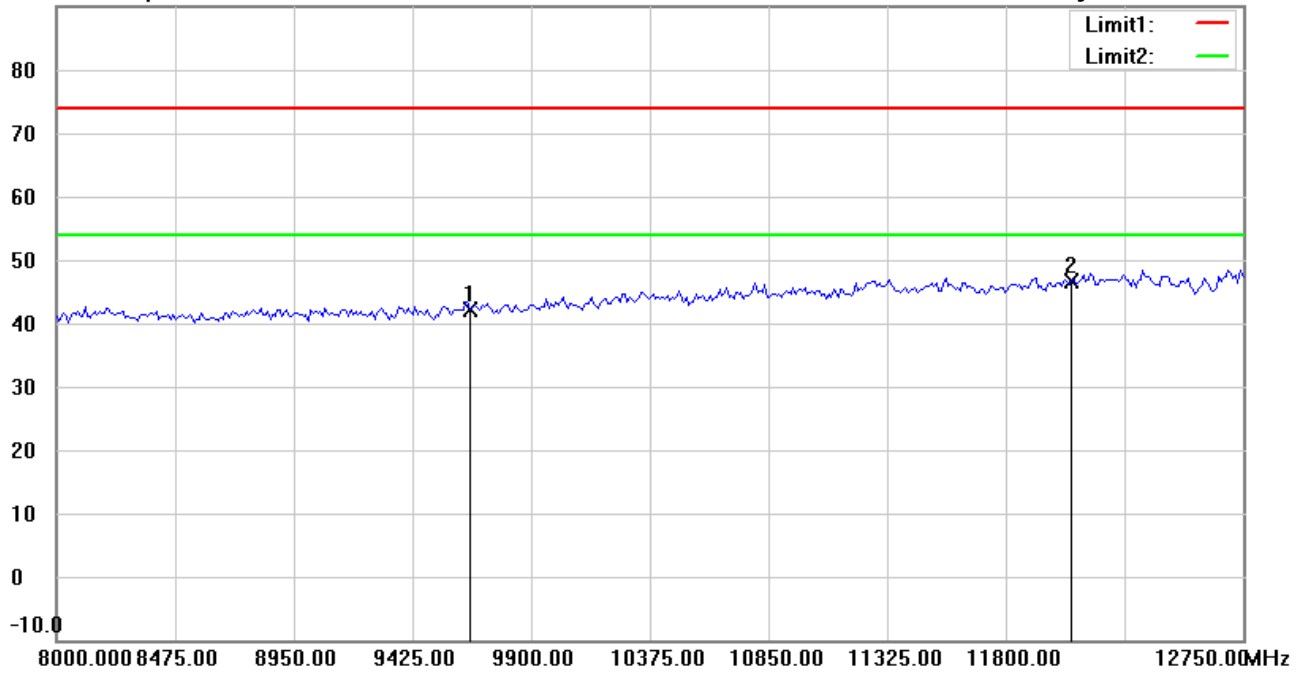
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:37:25 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.45	peak	6.60	42.05	74.00	150	172	-31.95	
*	12060.000	34.46	peak	12.21	46.67	74.00	150	63	-27.33	

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



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

Operator: Leon

File :3

Data :#4

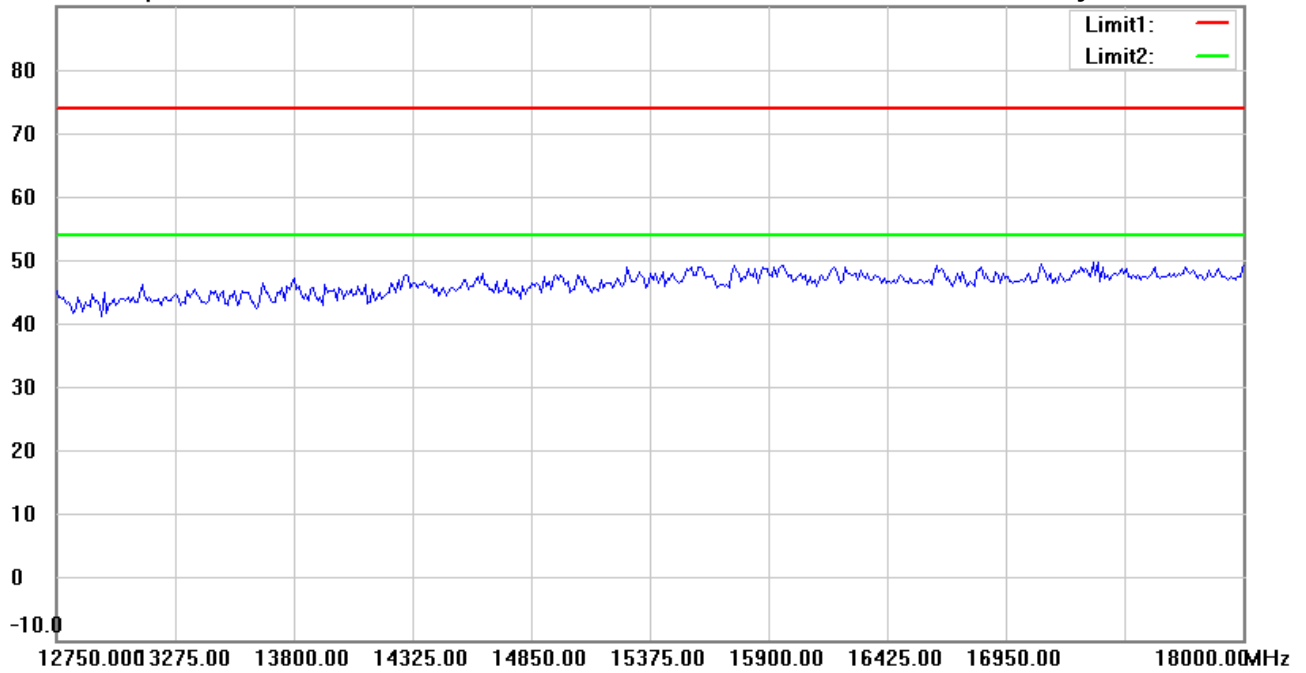
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:34:15 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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

Operator: Leon

File :3

Data :#9

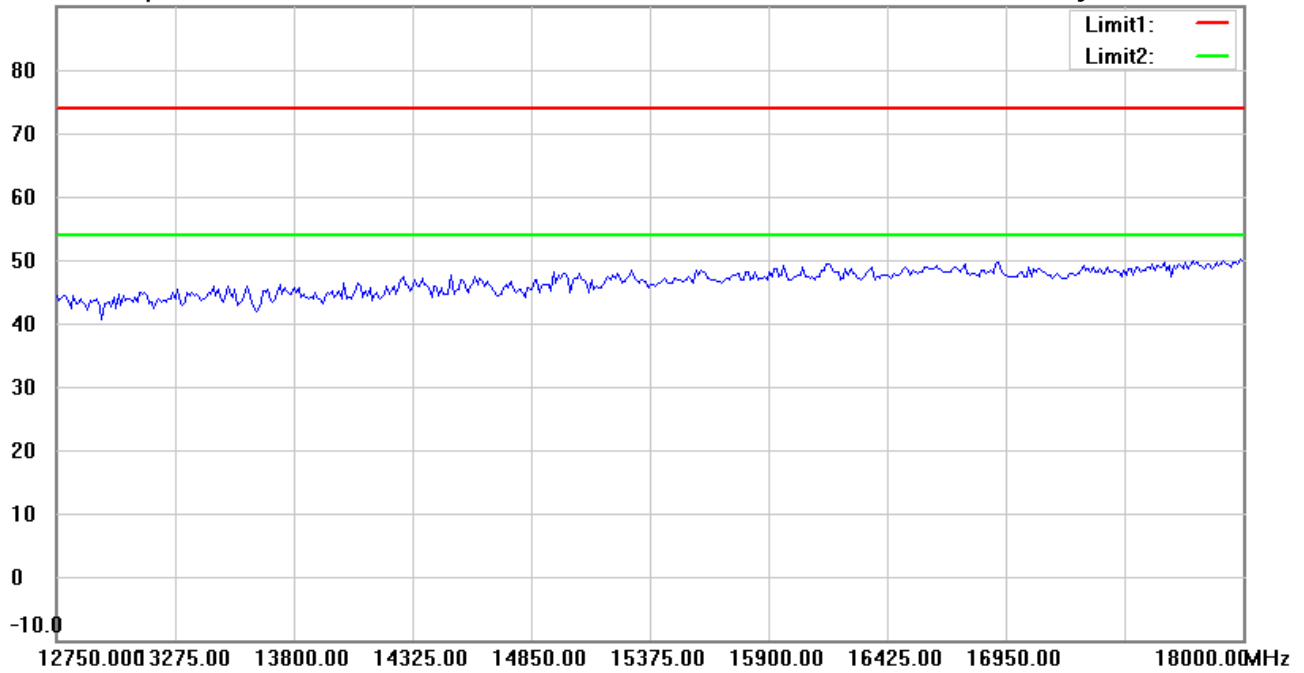
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:37:39 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

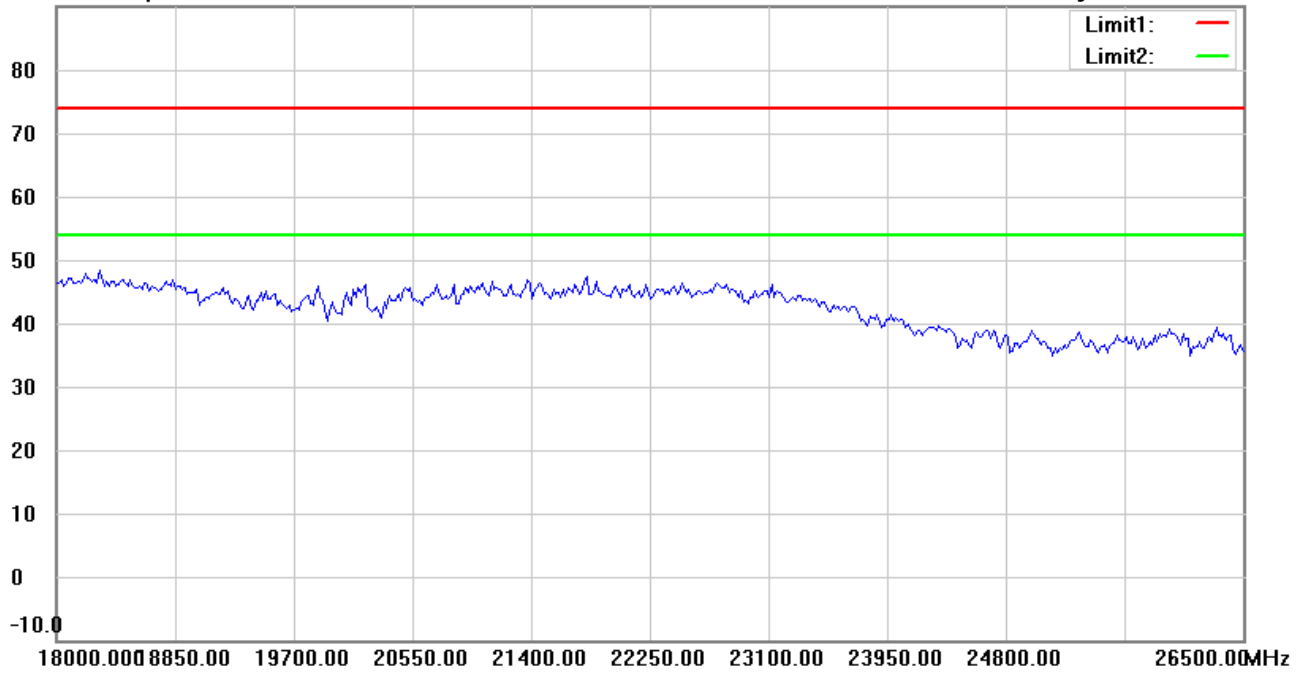
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:34:25 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#10

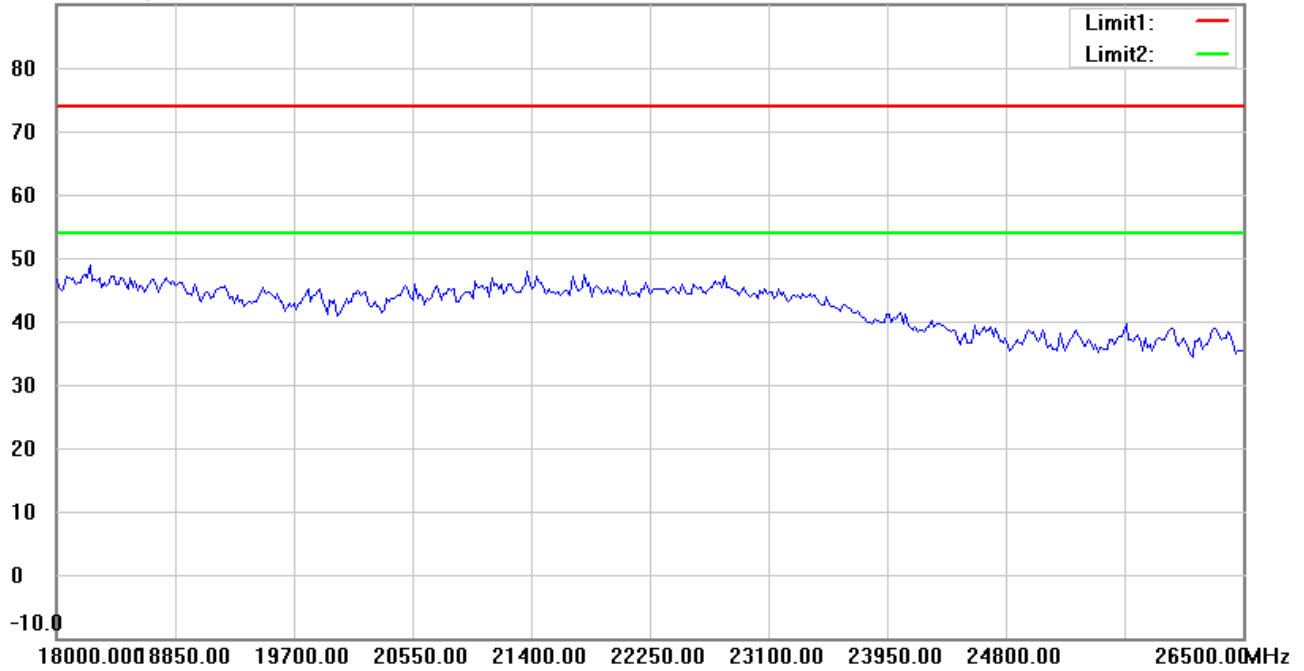
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:37:49 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#1

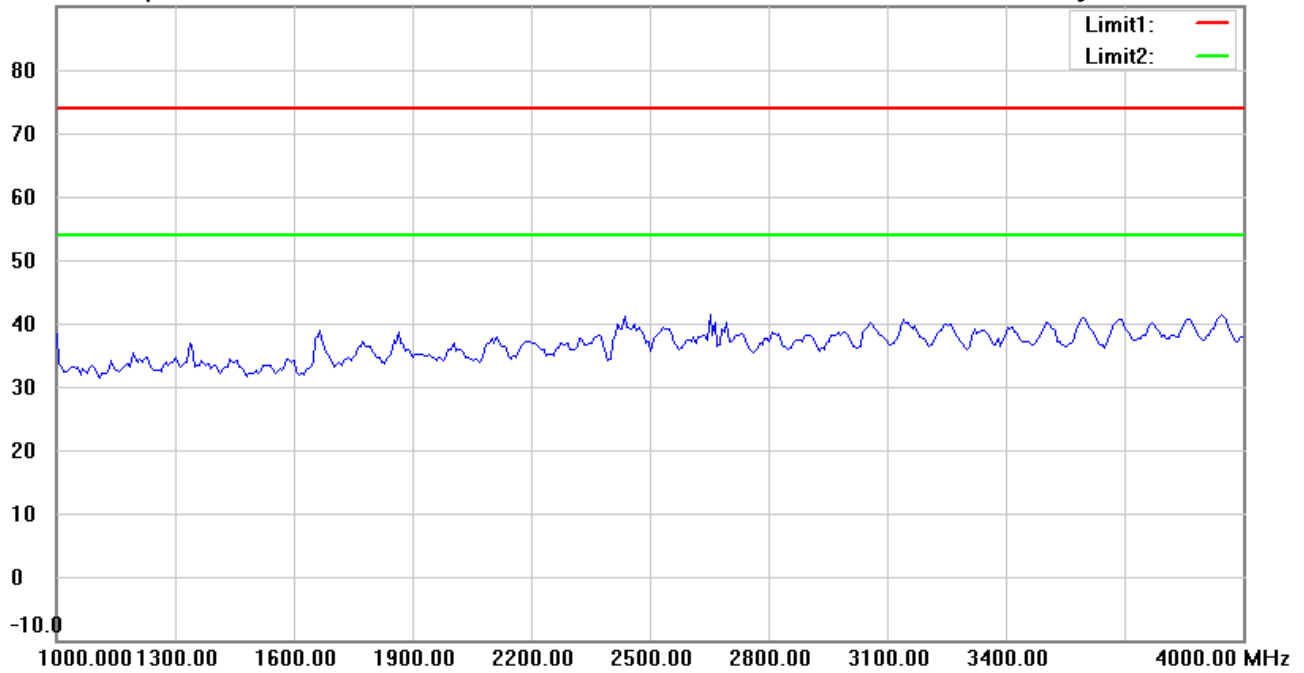
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:48:43 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

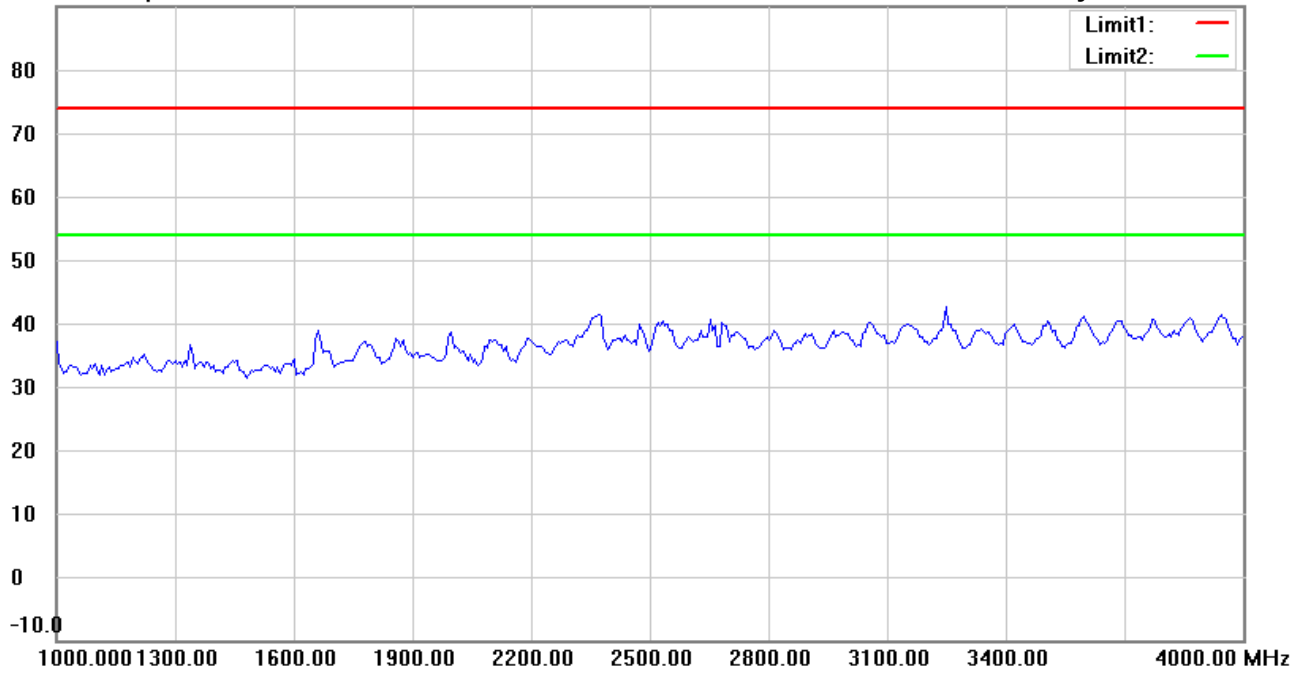
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:52:13 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#2

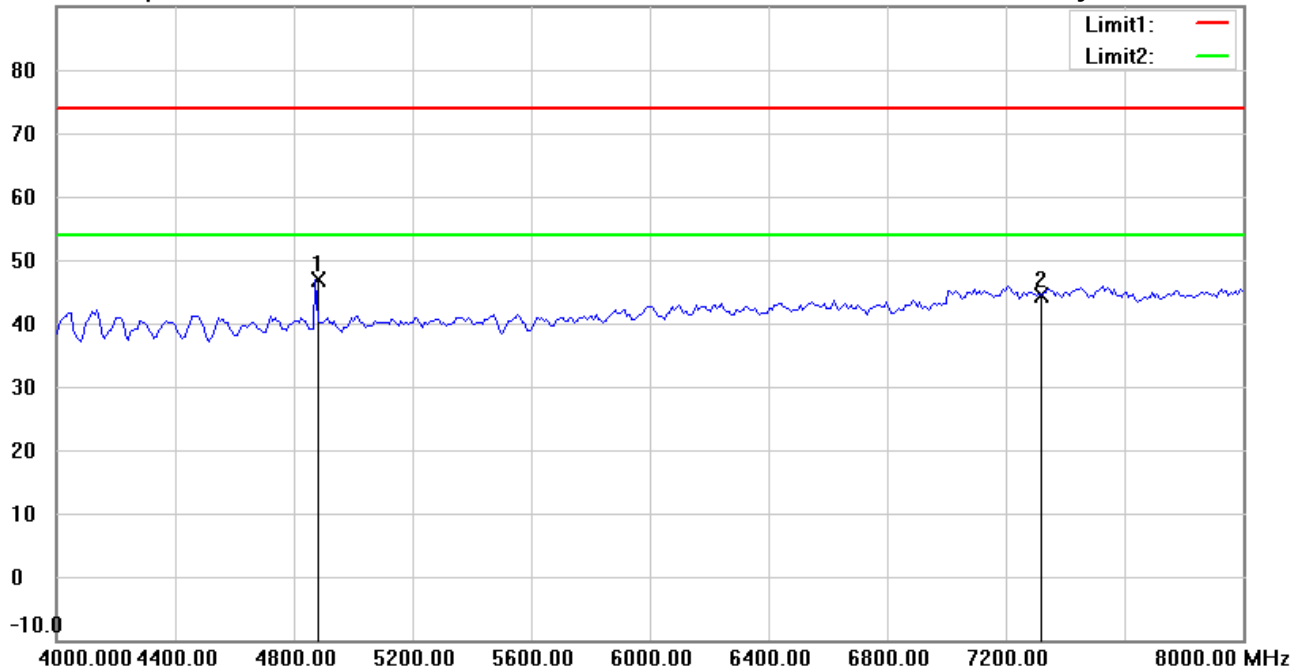
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:49:43 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	48.70	peak	-1.70	47.00	74.00	150	217	-27.00	
	7311.000	41.01	peak	3.42	44.43	74.00	150	55	-29.57	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

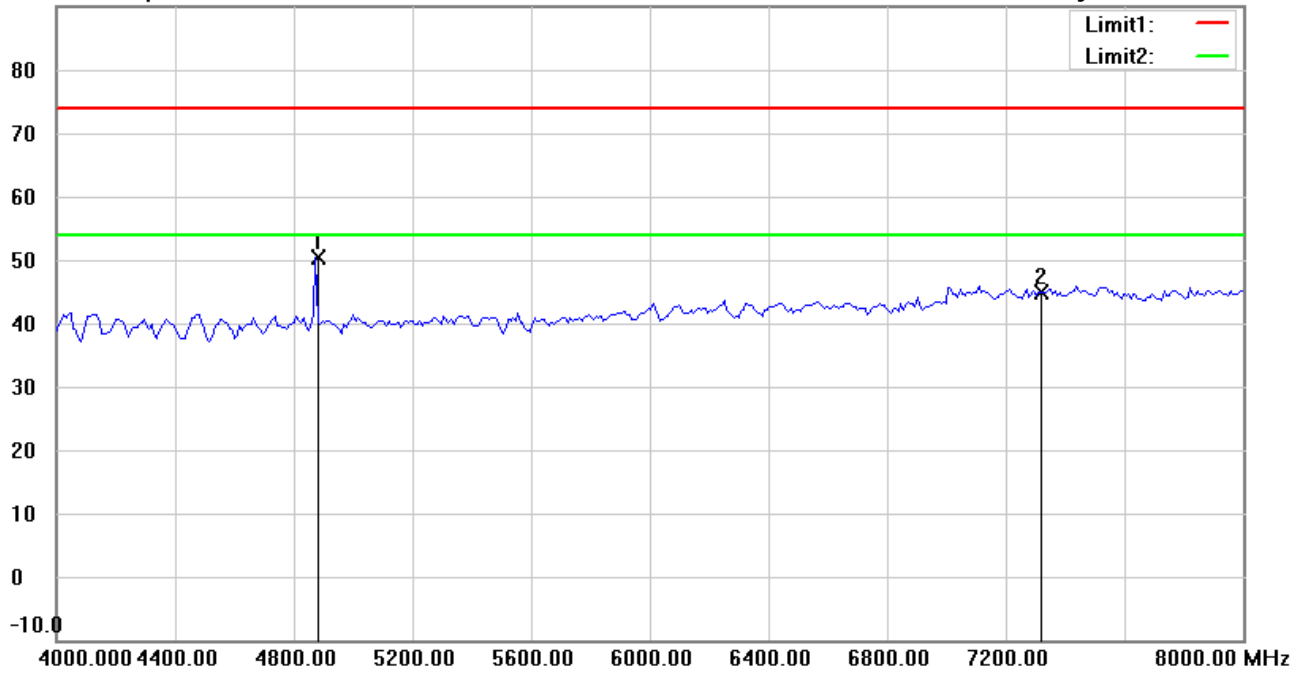
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:53:14 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	52.10	peak	-1.70	50.40	74.00	150	144	-23.60	
	7311.000	41.38	peak	3.42	44.80	74.00	150	275	-29.20	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

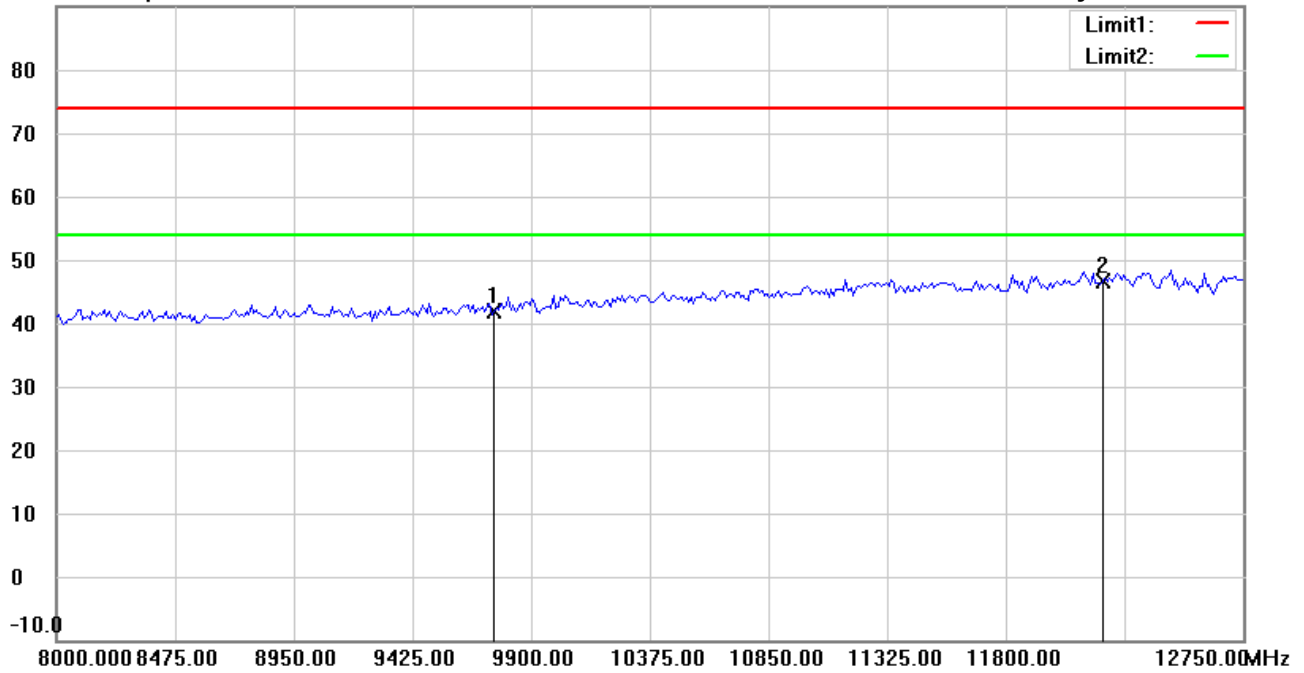
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:50:50 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Horizontal**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.06	peak	6.75	41.81	74.00	150	63	-32.19	
*	12185.000	33.84	peak	12.83	46.67	74.00	150	208	-27.33	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

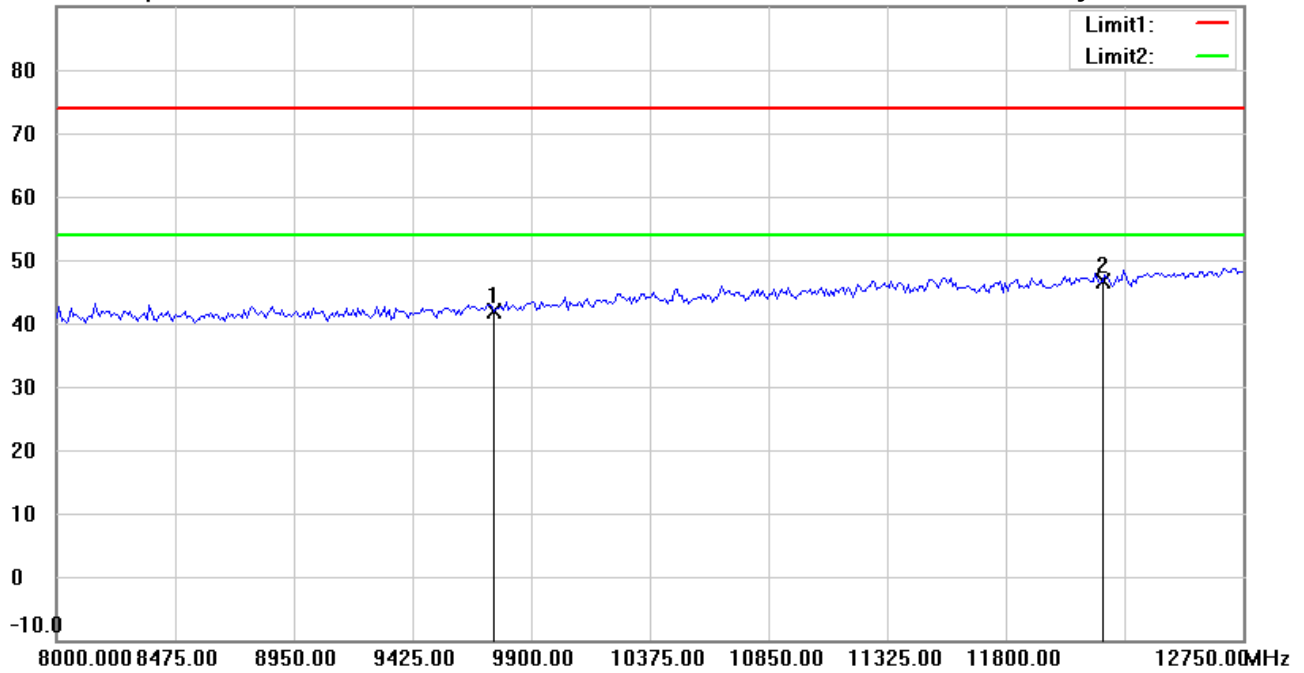
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:54:14 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.11	peak	6.75	41.86	74.00	150	236	-32.14	
*	12185.000	33.68	peak	12.83	46.51	74.00	150	142	-27.49	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

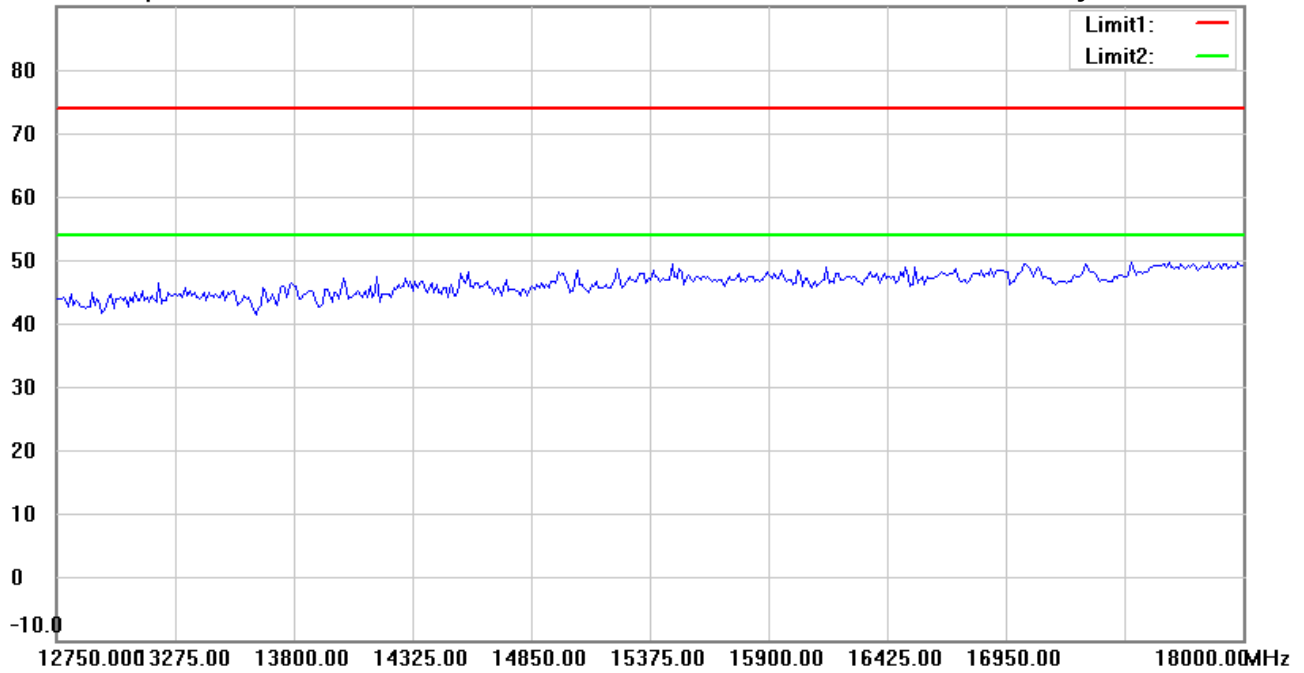
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:51:03 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

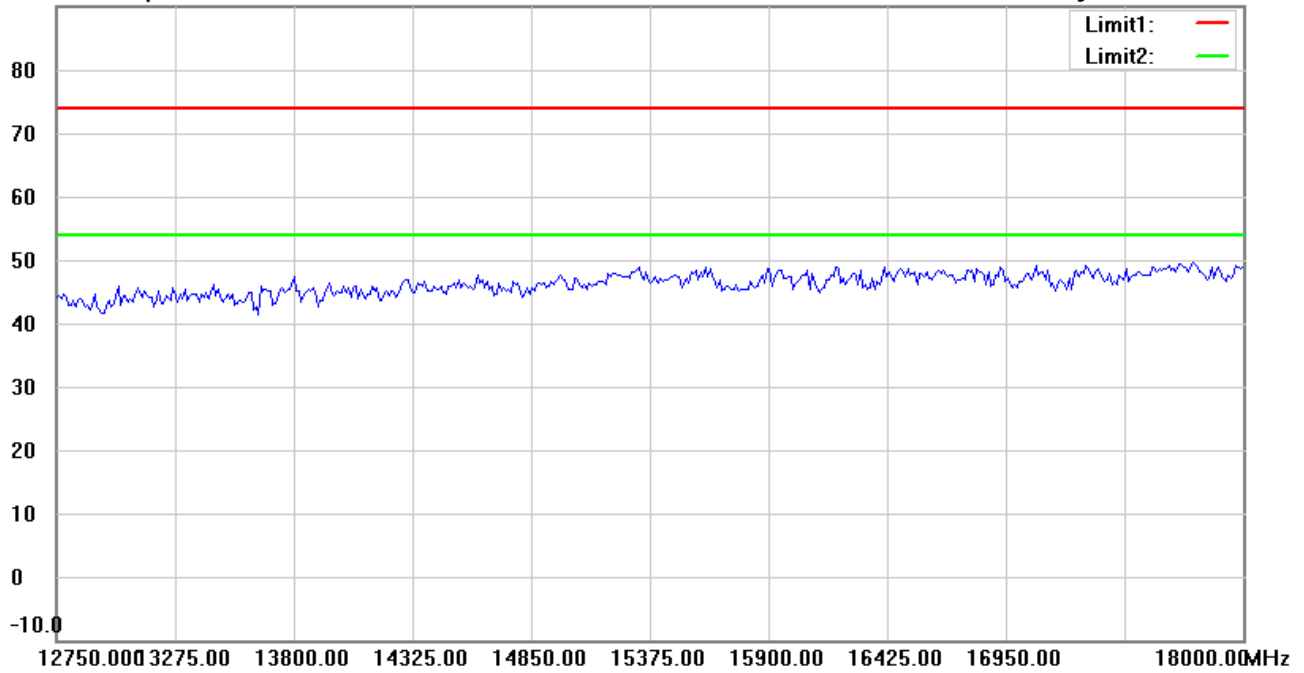
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:54:27 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

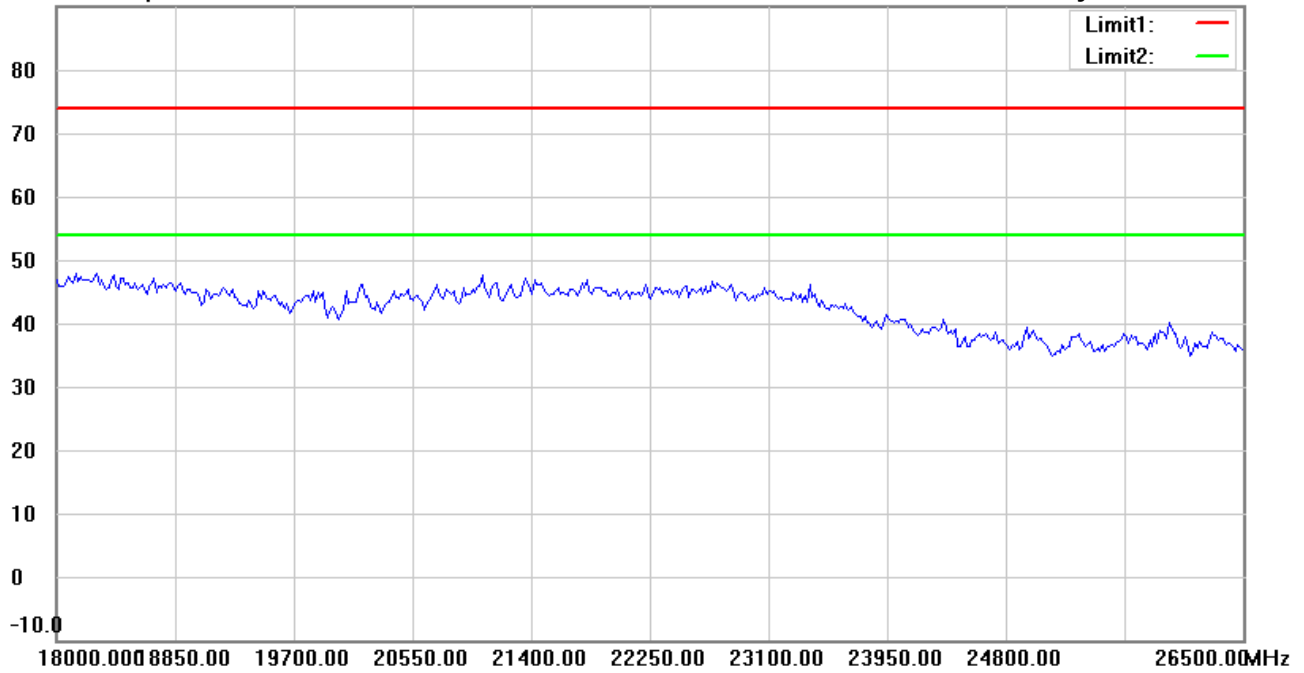
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:51:13 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

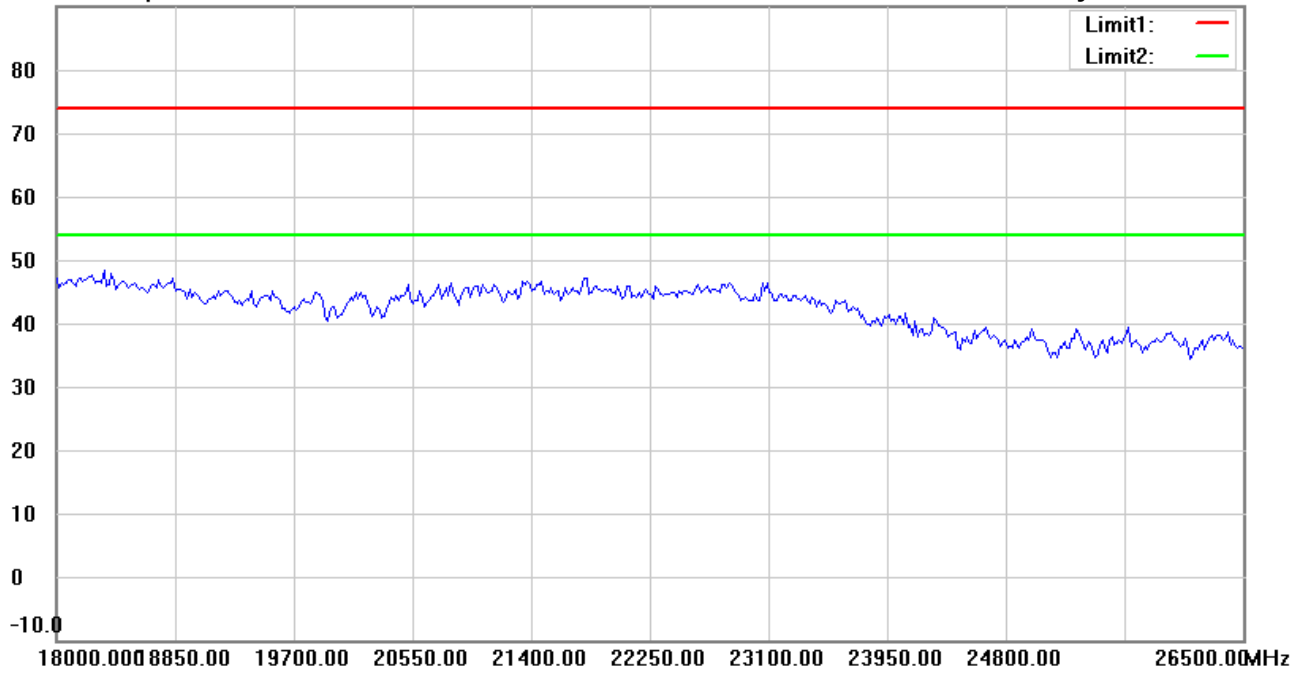
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 5:54:37 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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





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 Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

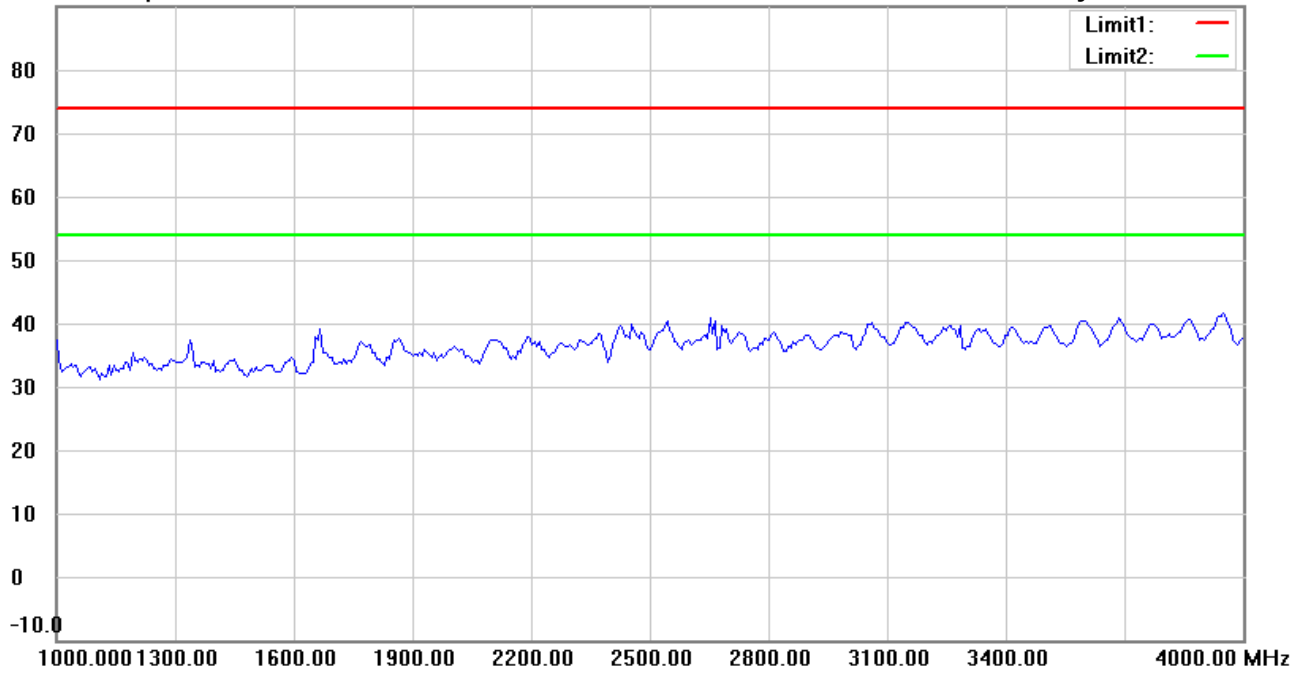
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:01:05 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#6

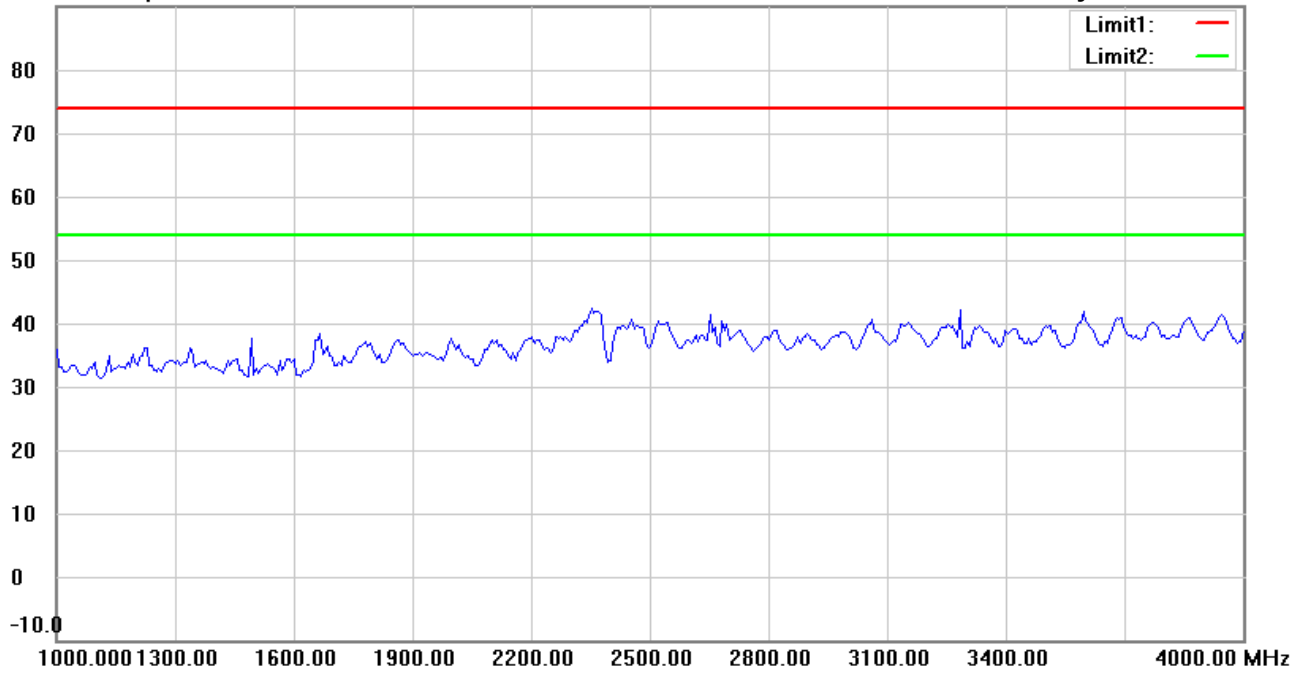
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:04:35 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#2

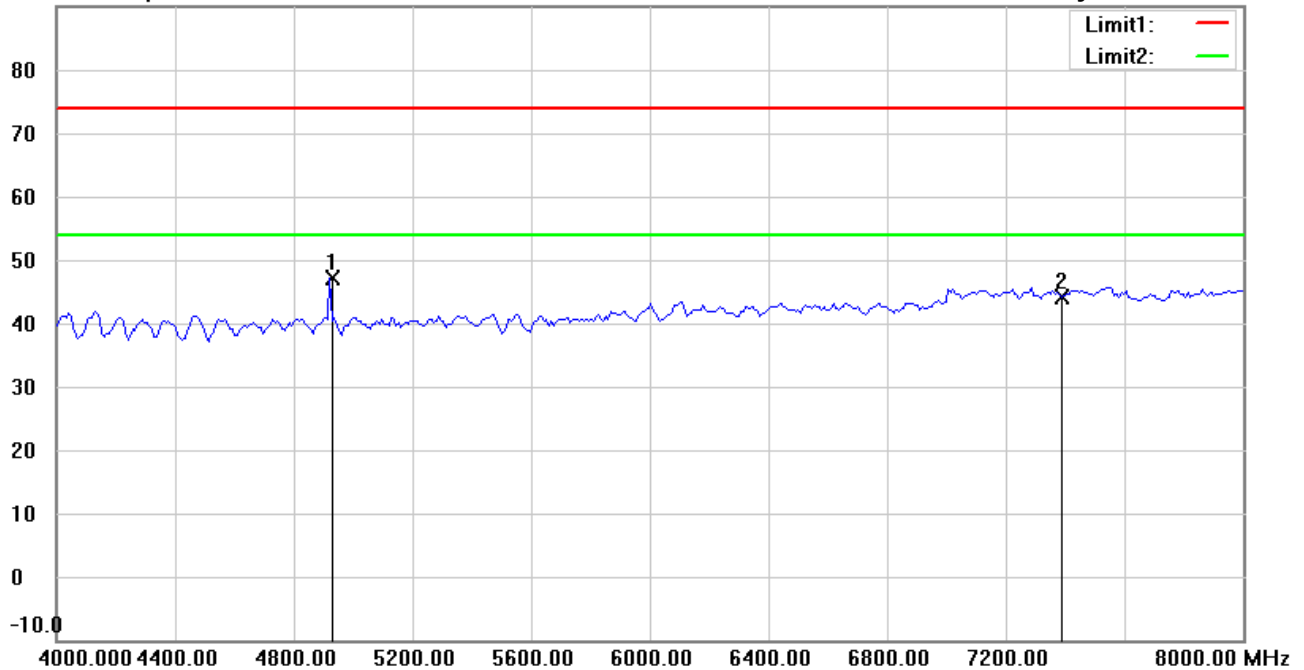
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:02:05 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	48.57	peak	-1.52	47.05	74.00	150	169	-26.95	
	7386.000	40.41	peak	3.72	44.13	74.00	150	207	-29.87	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

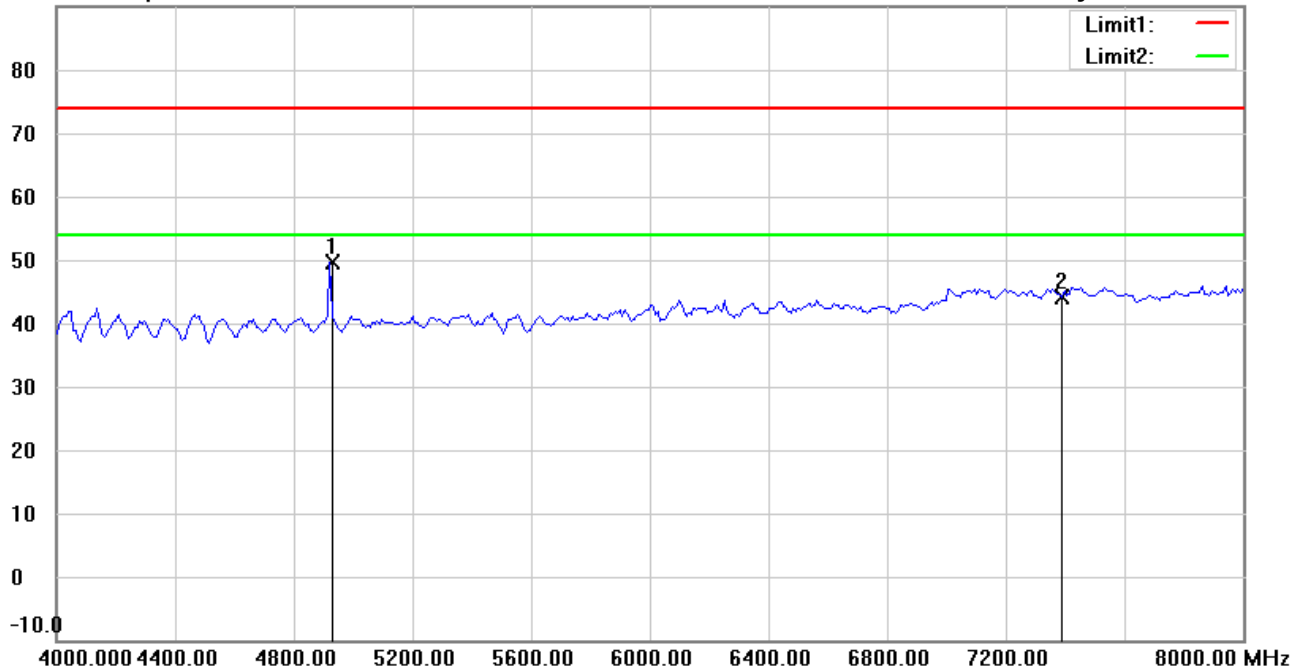
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:05:36 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	51.25	peak	-1.52	49.73	74.00	150	73	-24.27	
	7386.000	40.49	peak	3.72	44.21	74.00	150	285	-29.79	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

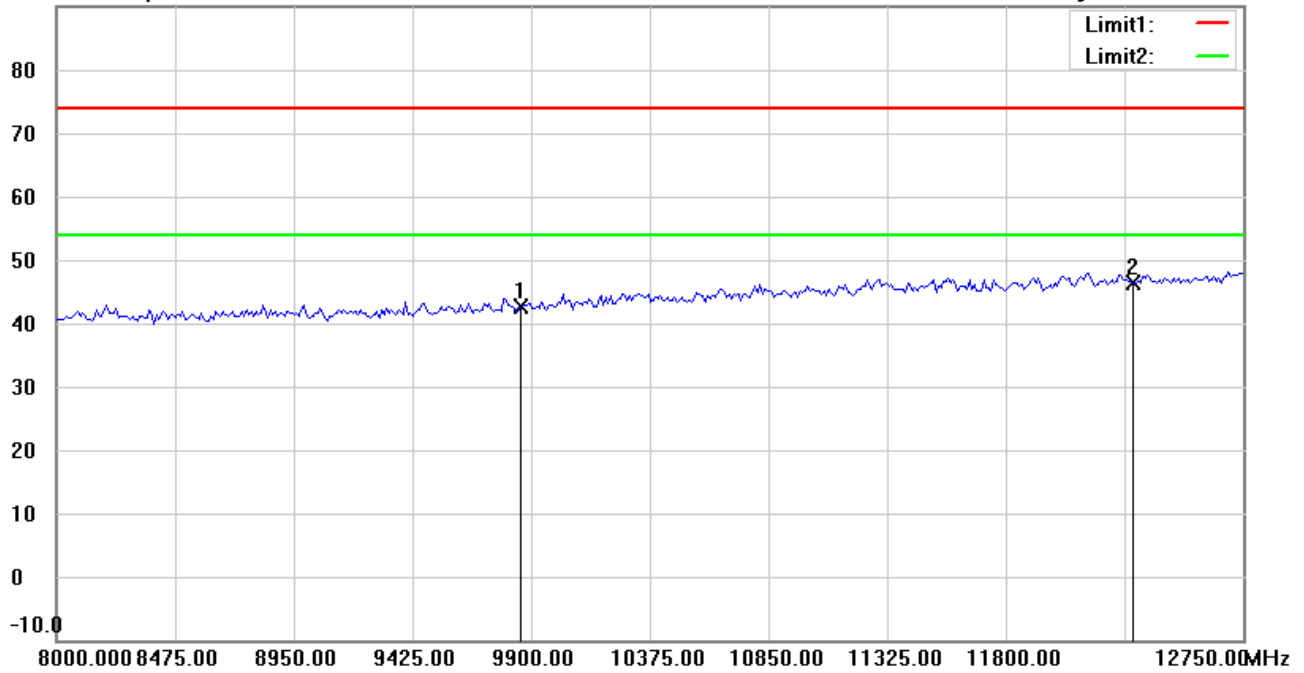
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:03:12 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.77	peak	6.96	42.73	74.00	150	62	-31.27	
*	12310.000	34.20	peak	12.18	46.38	74.00	150	271	-27.62	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

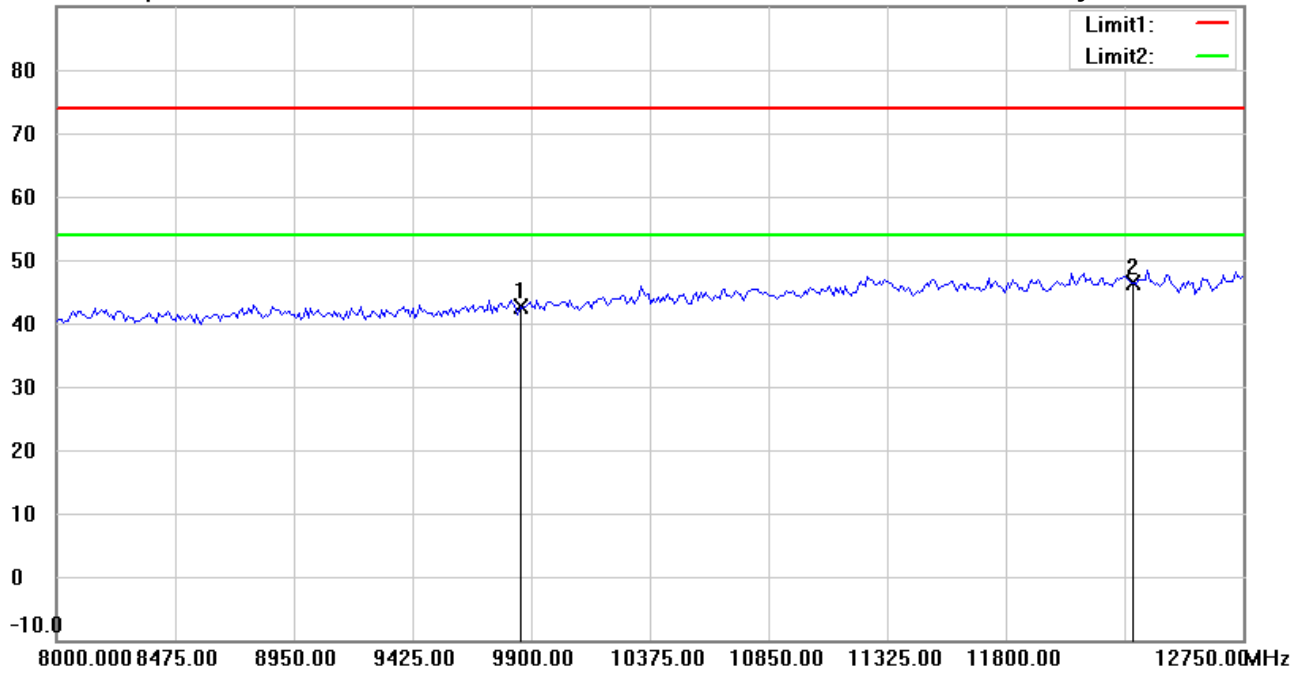
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:06:36 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.56	peak	6.96	42.52	74.00	150	96	-31.48	
*	12310.000	34.29	peak	12.18	46.47	74.00	150	221	-27.53	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

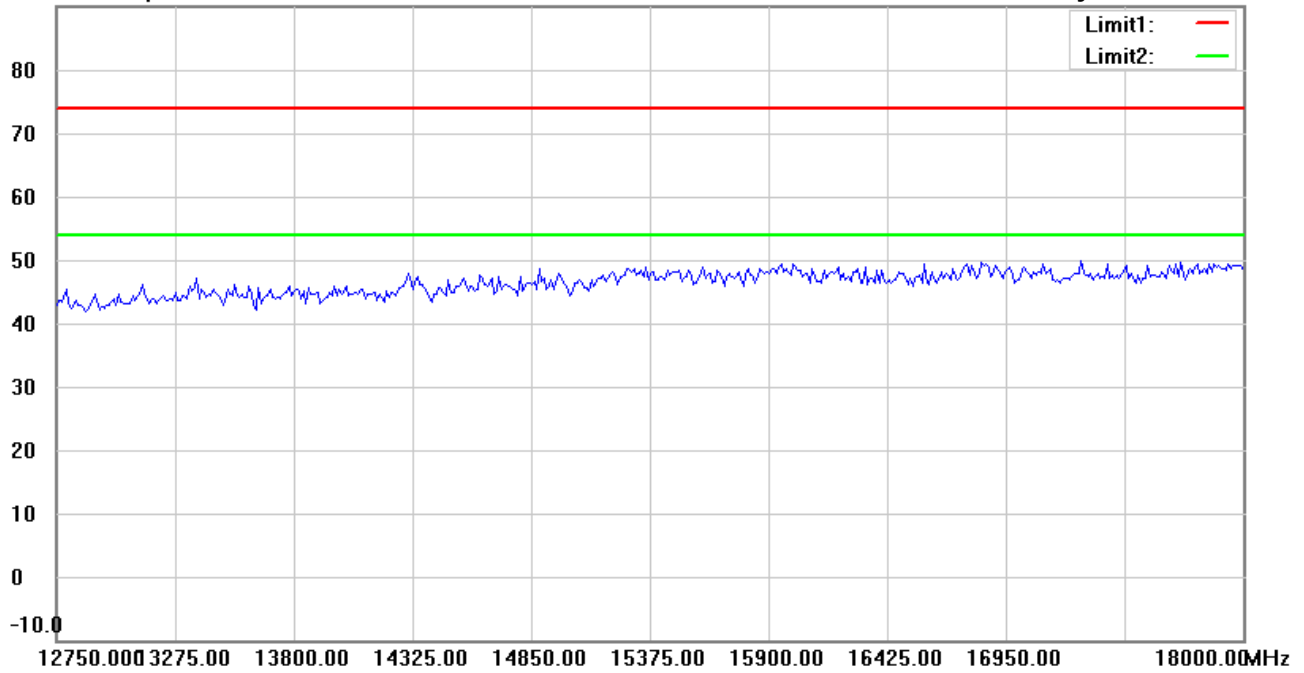
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:03:26 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

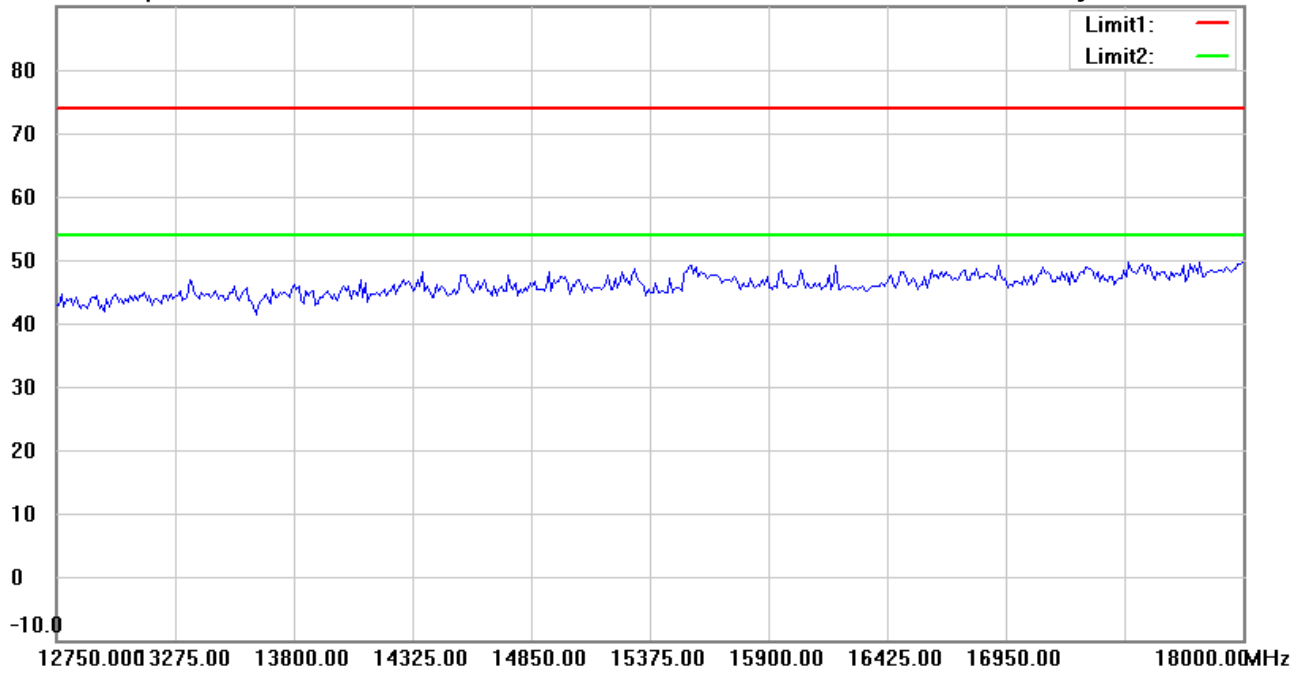
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:06:50 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

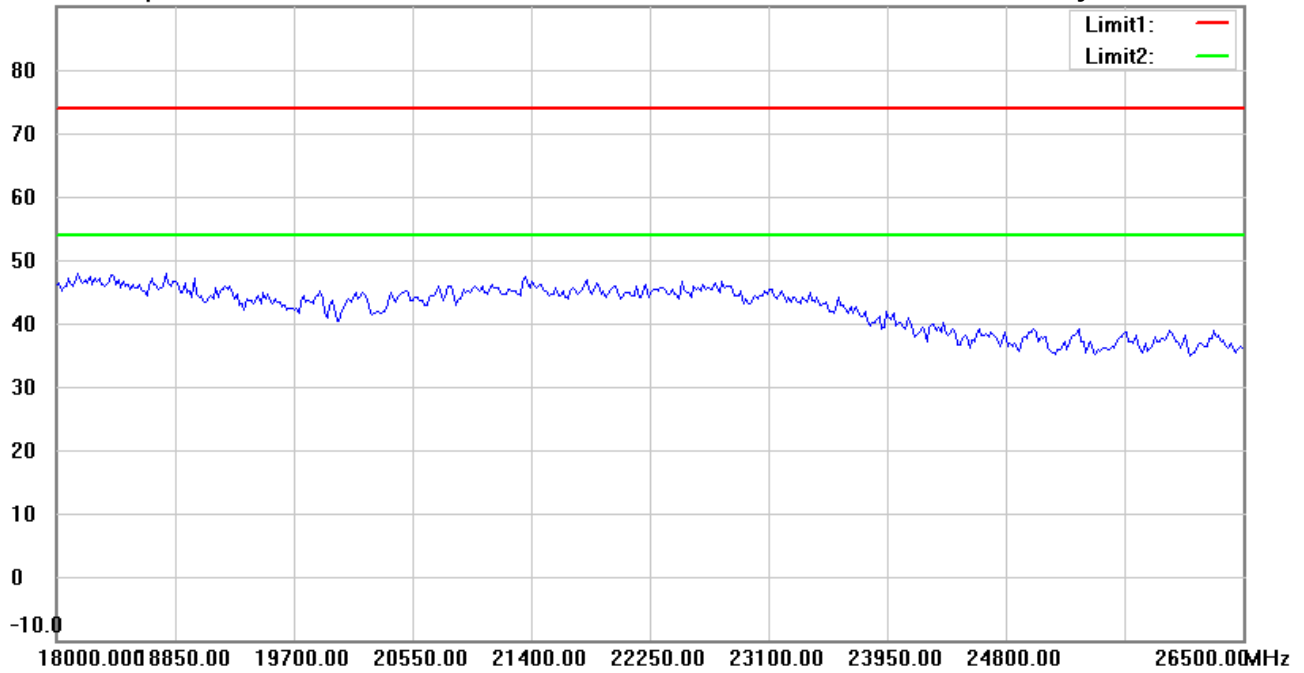
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:03:35 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

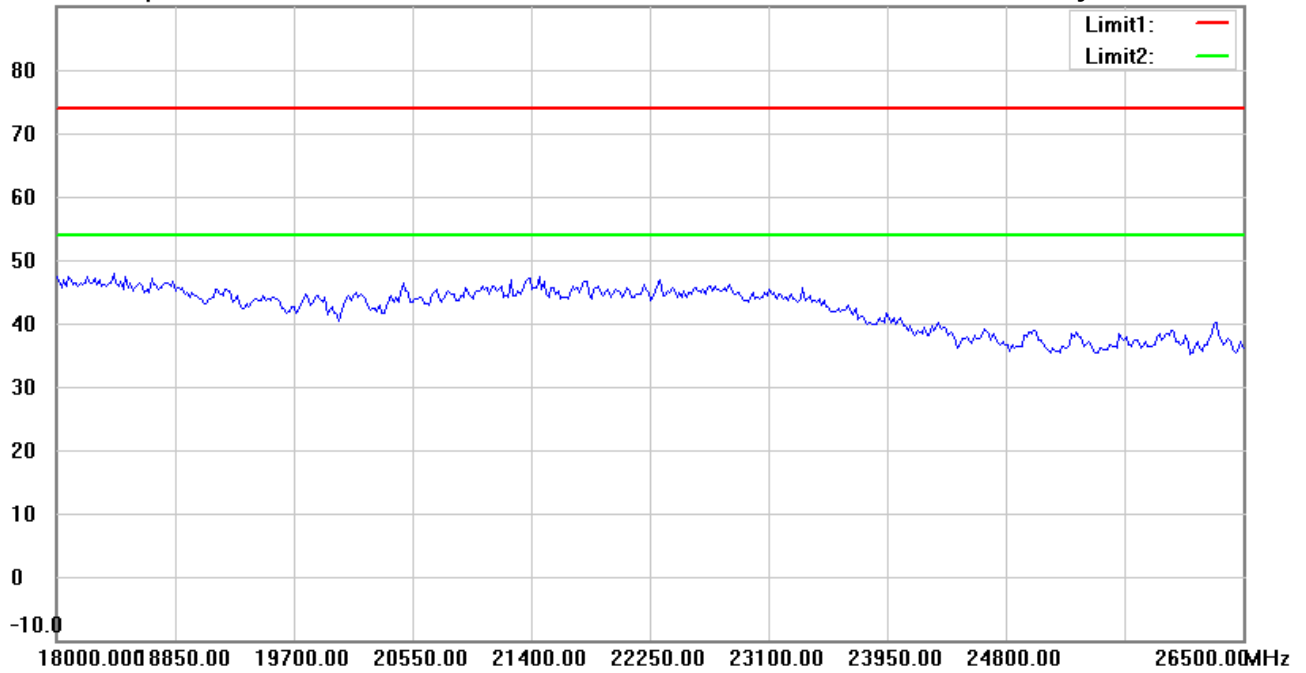
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:06:59 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



Radiated Emission Measurement

Operator: Allen

File :1\_WiFi 2

Data :#1

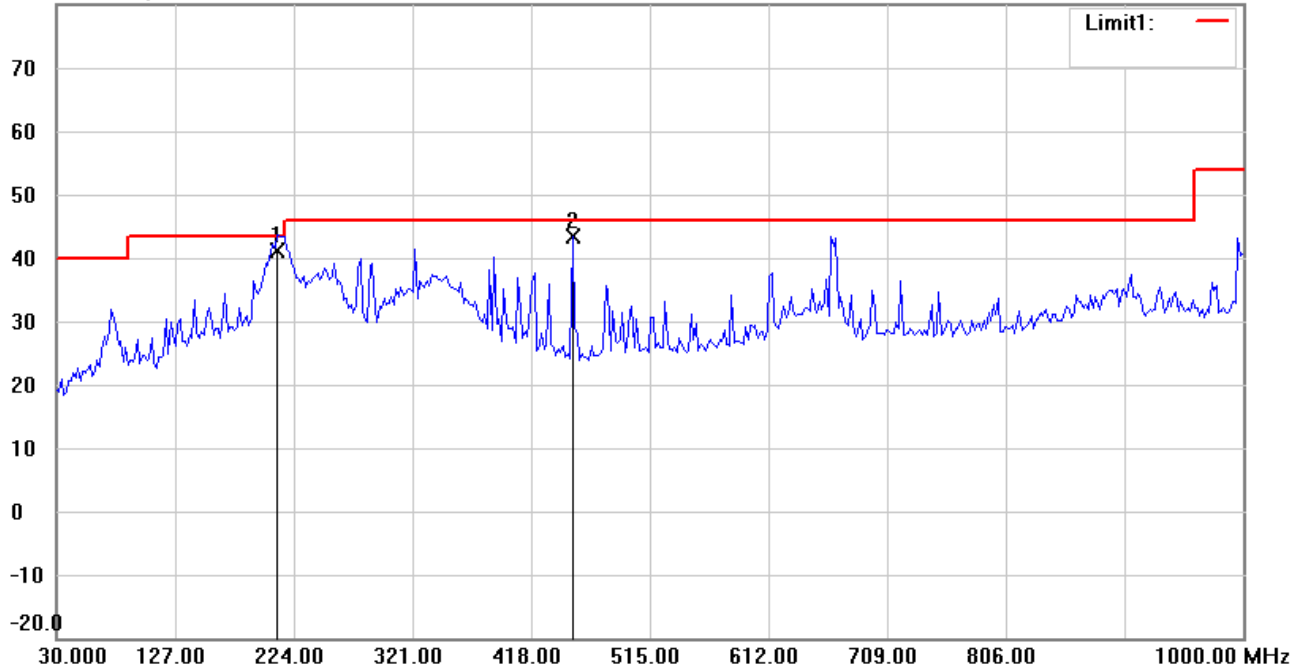
Date: 3/5/2020

Temperature:22.8 °C

80.0 dBuV/m

Time: 5:15:37 AM

Humidity:56.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	210.7815	51.75	QP	-10.72	41.03	43.50	100	85	-2.47	
	451.8235	46.97	peak	-3.51	43.46	46.00	100	230	-2.54	



Radiated Emission Measurement

Operator: Allen

File :1\_WiFi 2

Data :#2

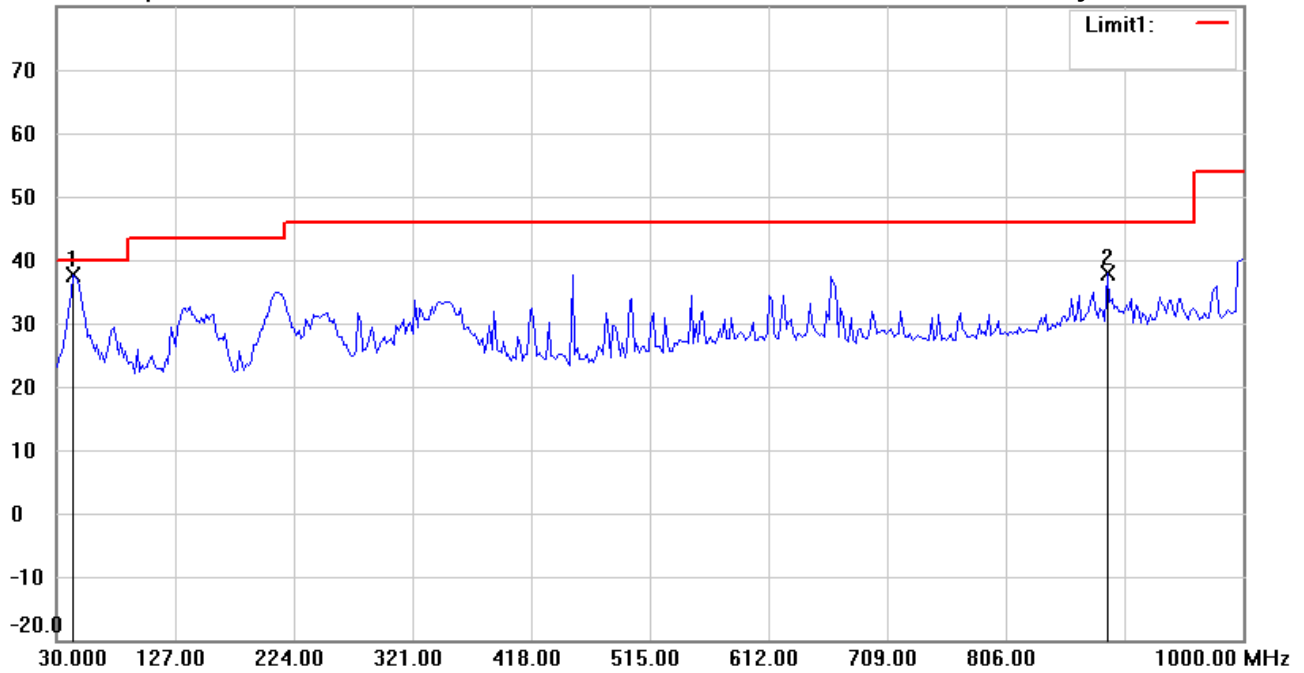
Date: 3/5/2020

Temperature:22.8 °C

80.0 dBuV/m

Time: 5:16:37 AM

Humidity:56.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	43.6072	47.19	peak	-9.61	37.58	40.00	100	135	-2.42	
	889.1984	34.87	peak	3.09	37.96	46.00	100	270	-8.04	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

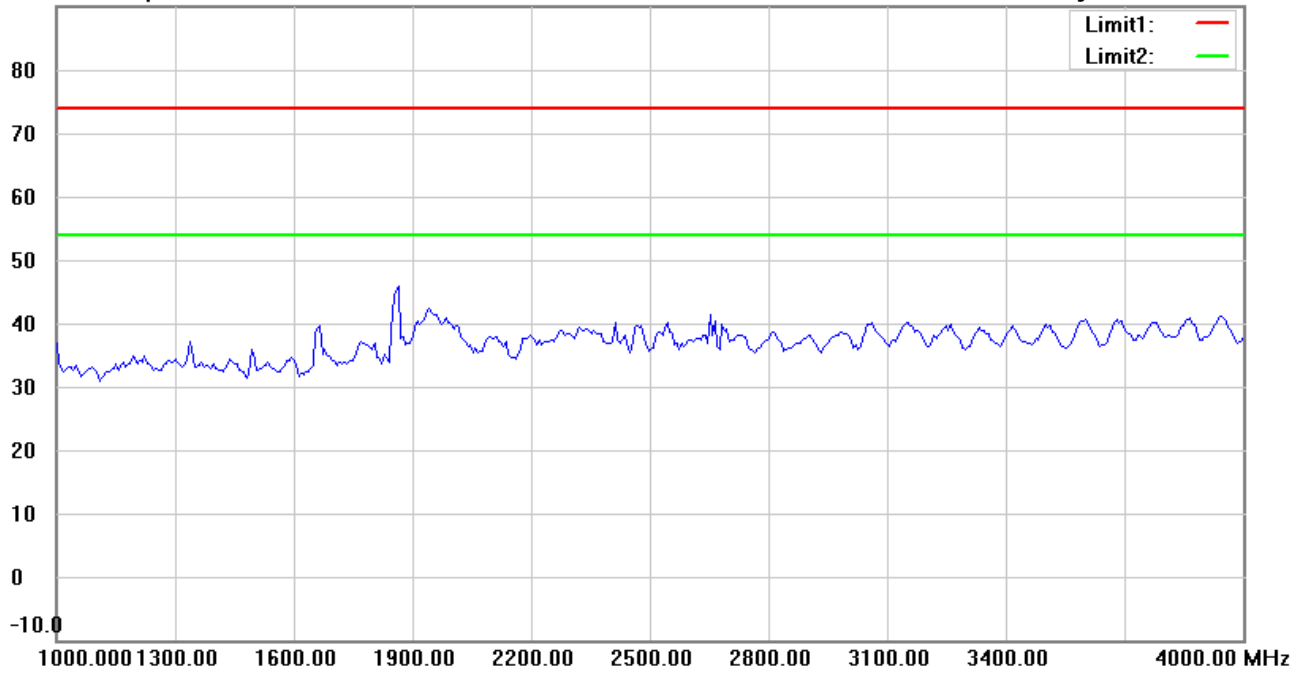
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:22:16 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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**Radiated Emission Measurement**

Operator: Leon

File :3

Data :#6

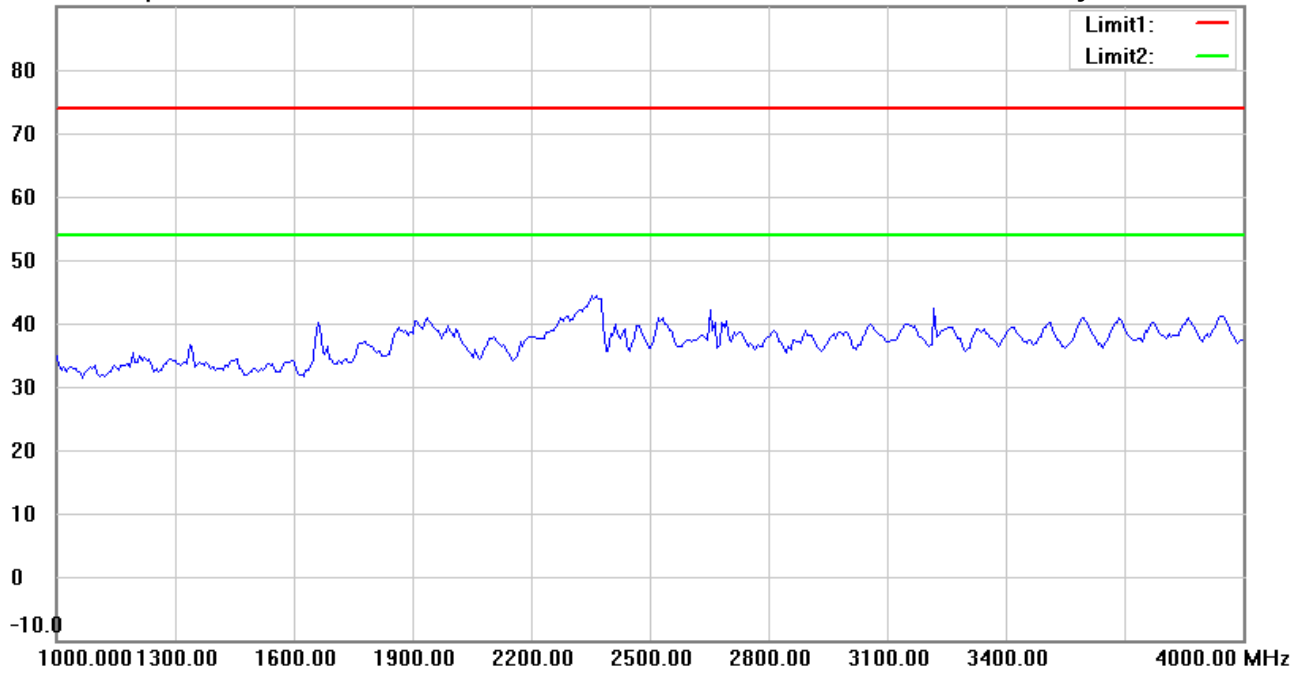
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:25:46 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

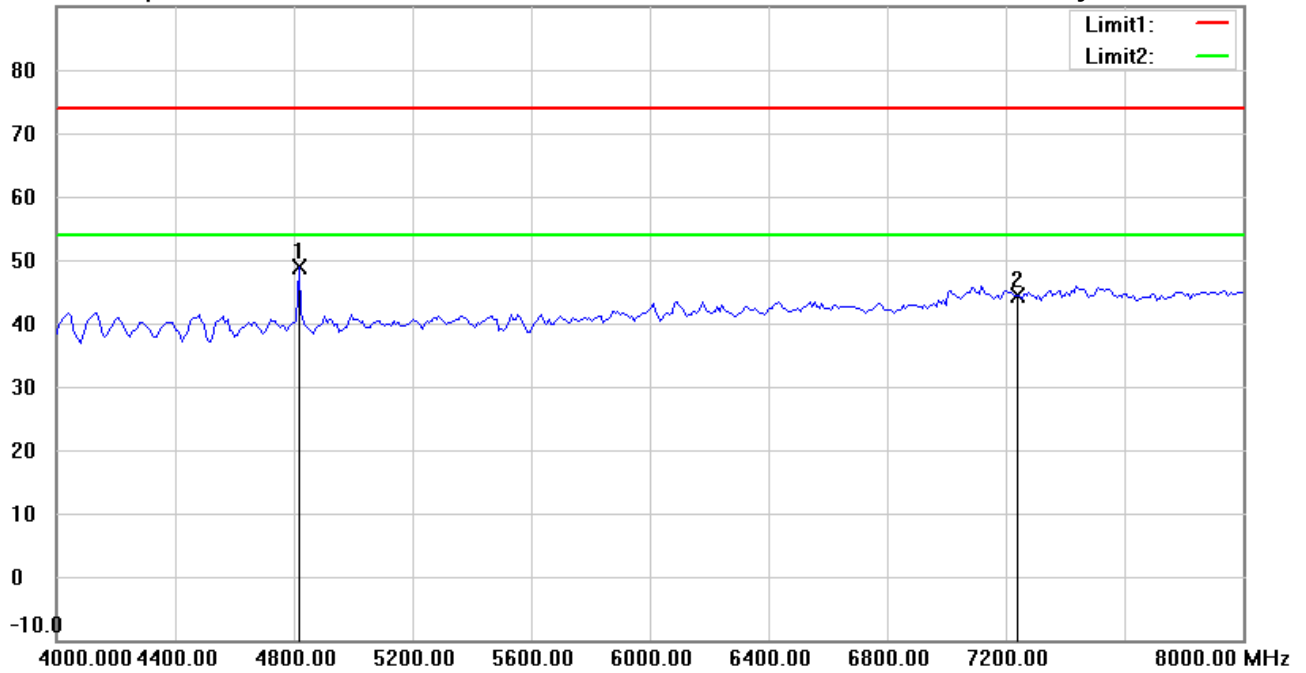
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:23:16 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4817.635	50.79	peak	-1.90	48.89	74.00	150	57	-25.11	
	7236.000	41.06	peak	3.28	44.34	74.00	150	216	-29.66	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

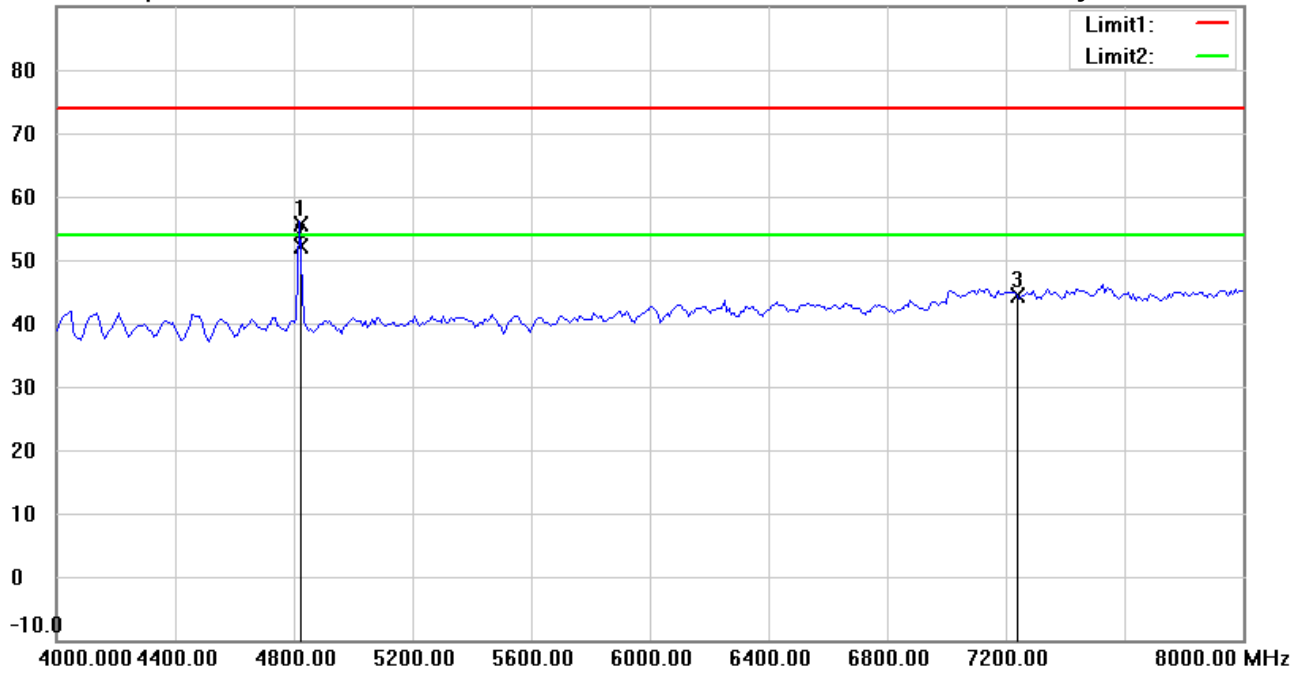
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:26:47 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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
	4824.043	57.59	peak	-1.88	55.71	74.00	150	192	-18.29	
*	4824.043	54.07	AVG	-1.88	52.19	54.00	150	192	-1.81	
	7236.000	41.12	peak	3.28	44.40	74.00	150	86	-29.60	





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

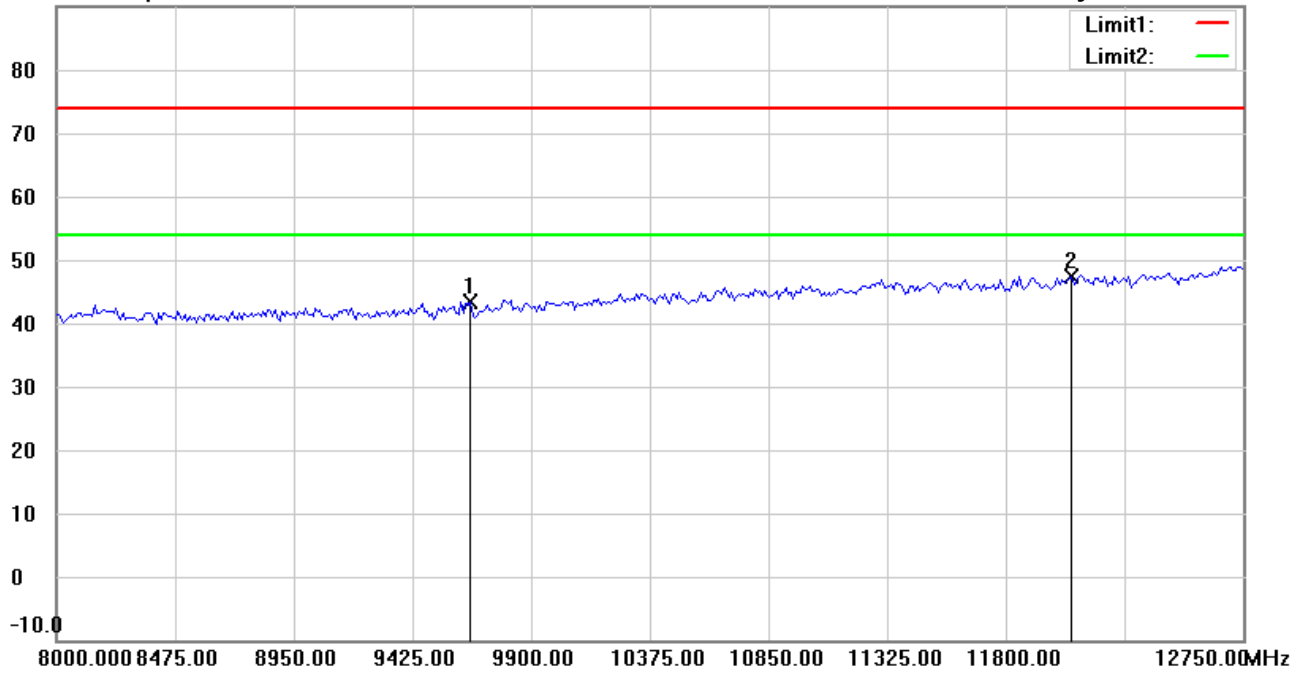
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:24:23 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	36.74	peak	6.60	43.34	74.00	150	235	-30.66	
*	12060.000	35.19	peak	12.21	47.40	74.00	150	167	-26.60	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

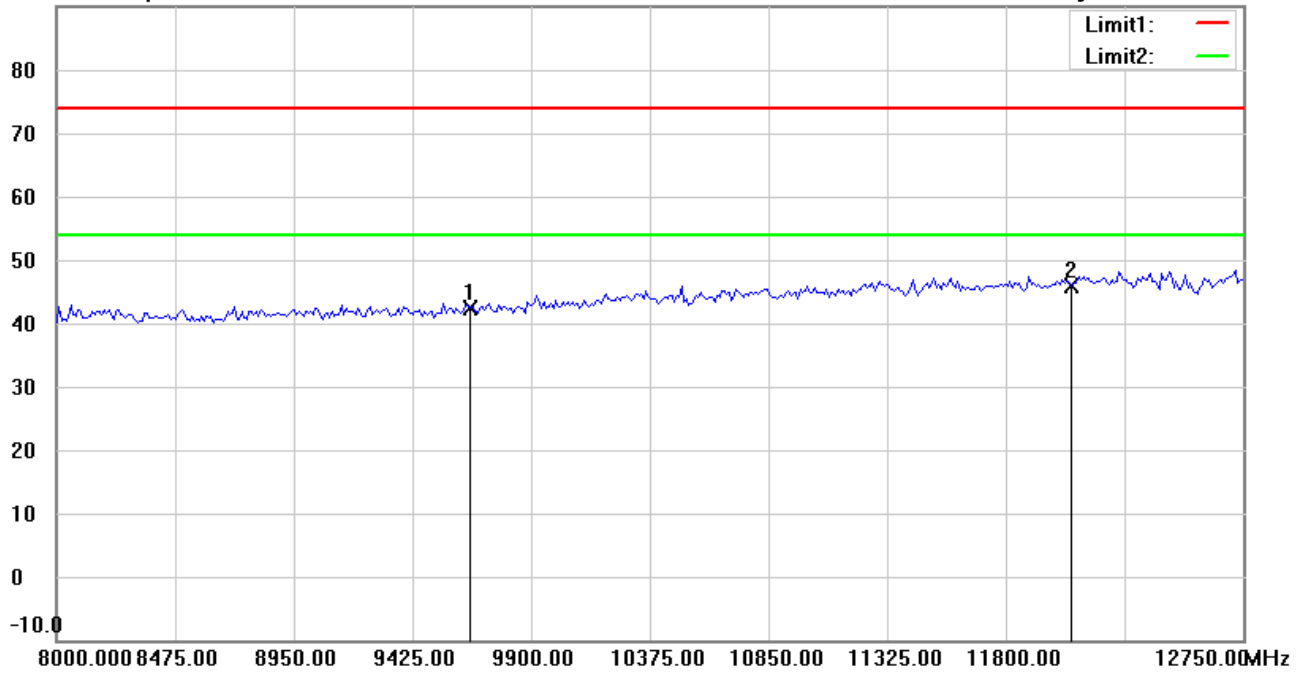
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:27:47 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.74	peak	6.60	42.34	74.00	150	245	-31.66	
*	12060.000	33.77	peak	12.21	45.98	74.00	150	173	-28.02	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

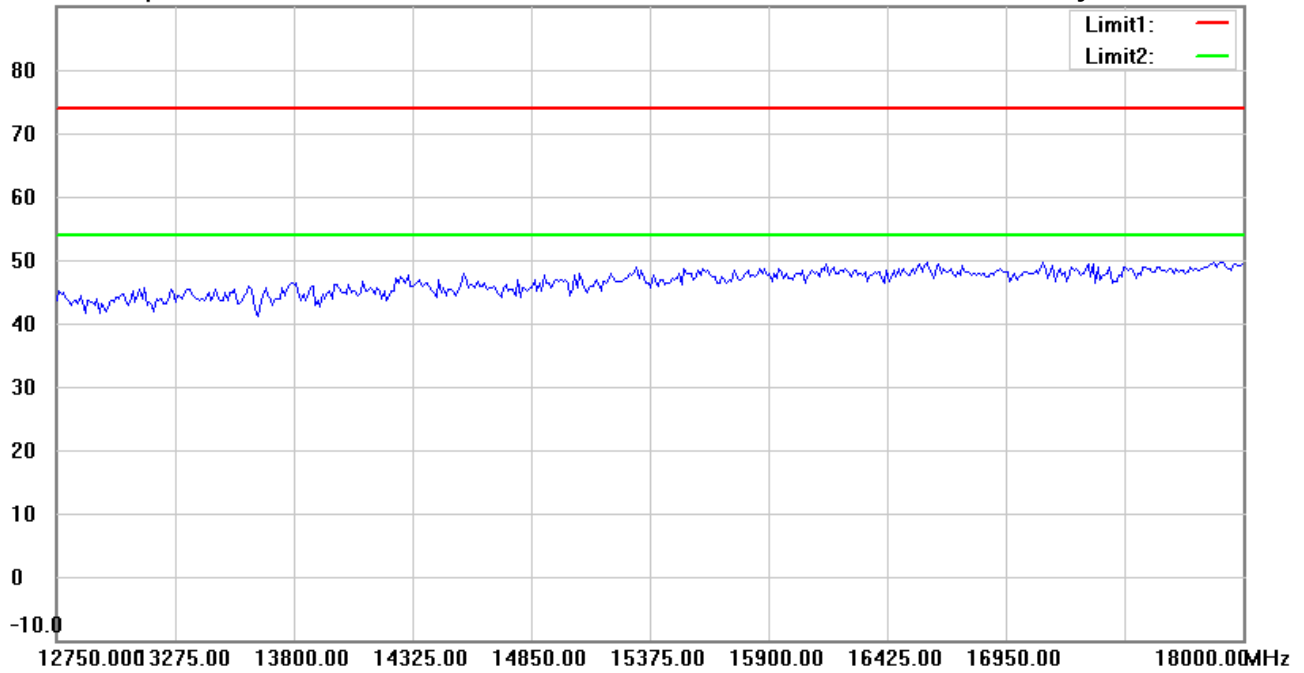
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:24:36 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

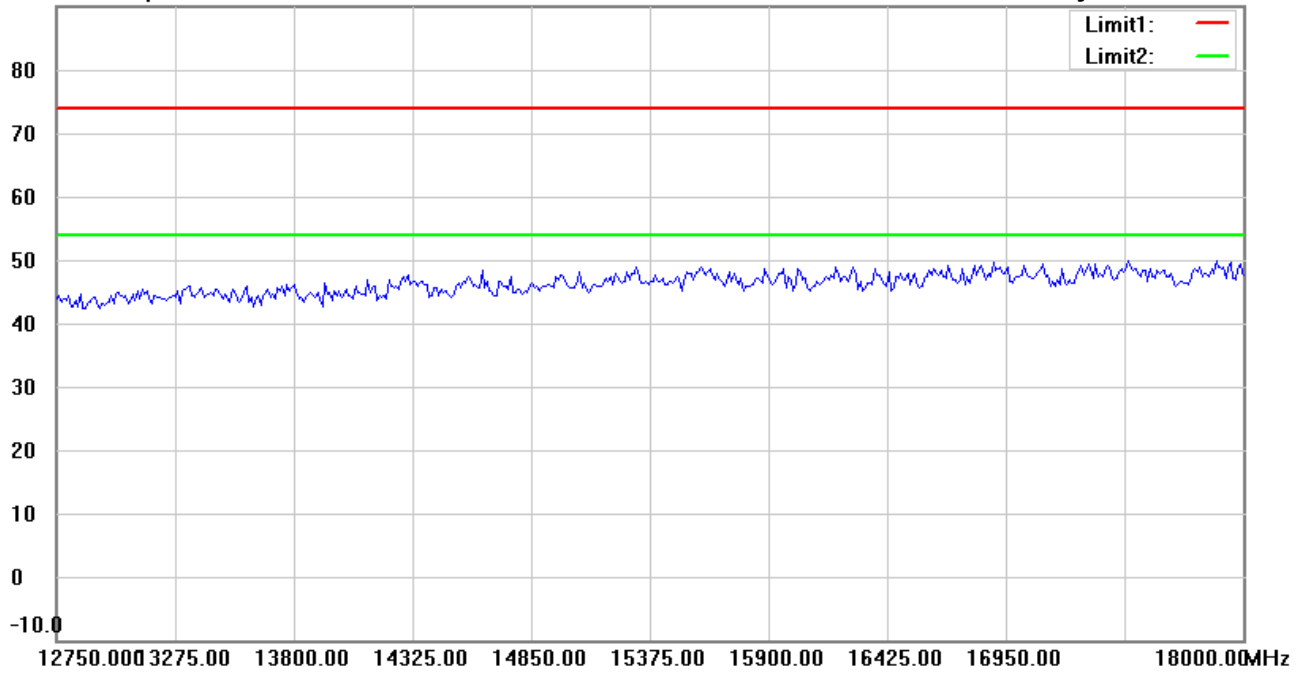
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:28:01 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

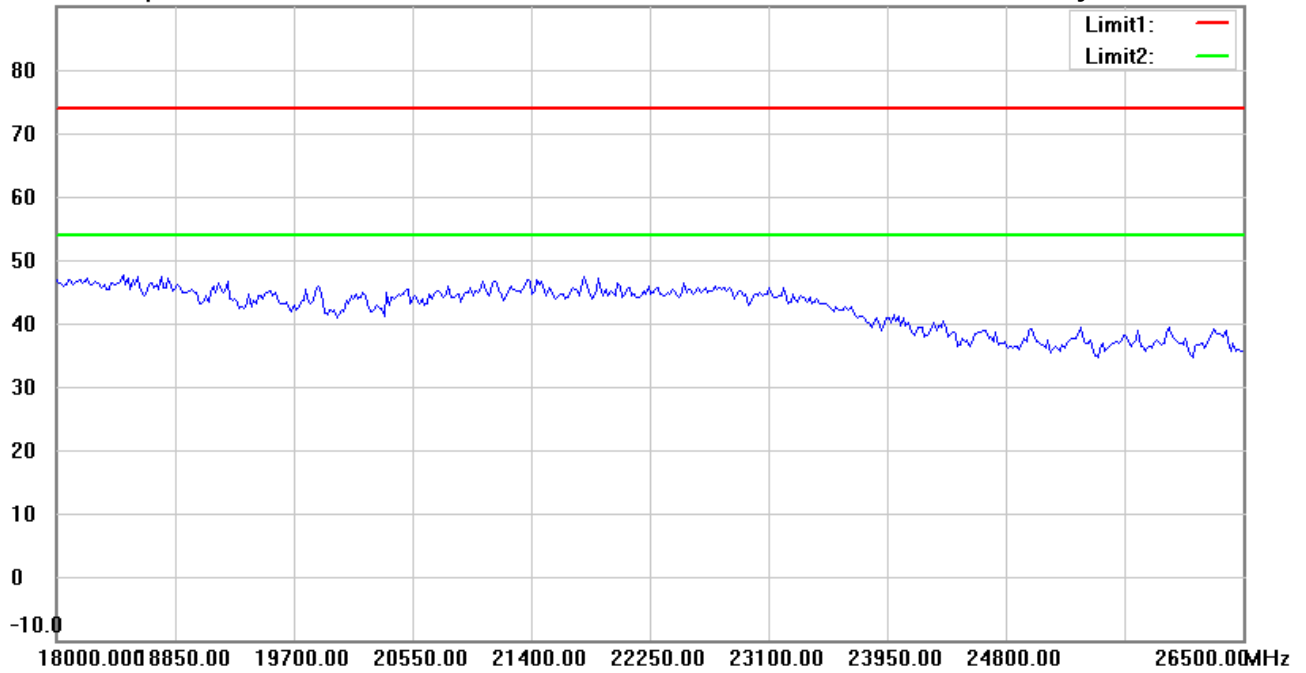
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:24:46 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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  
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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

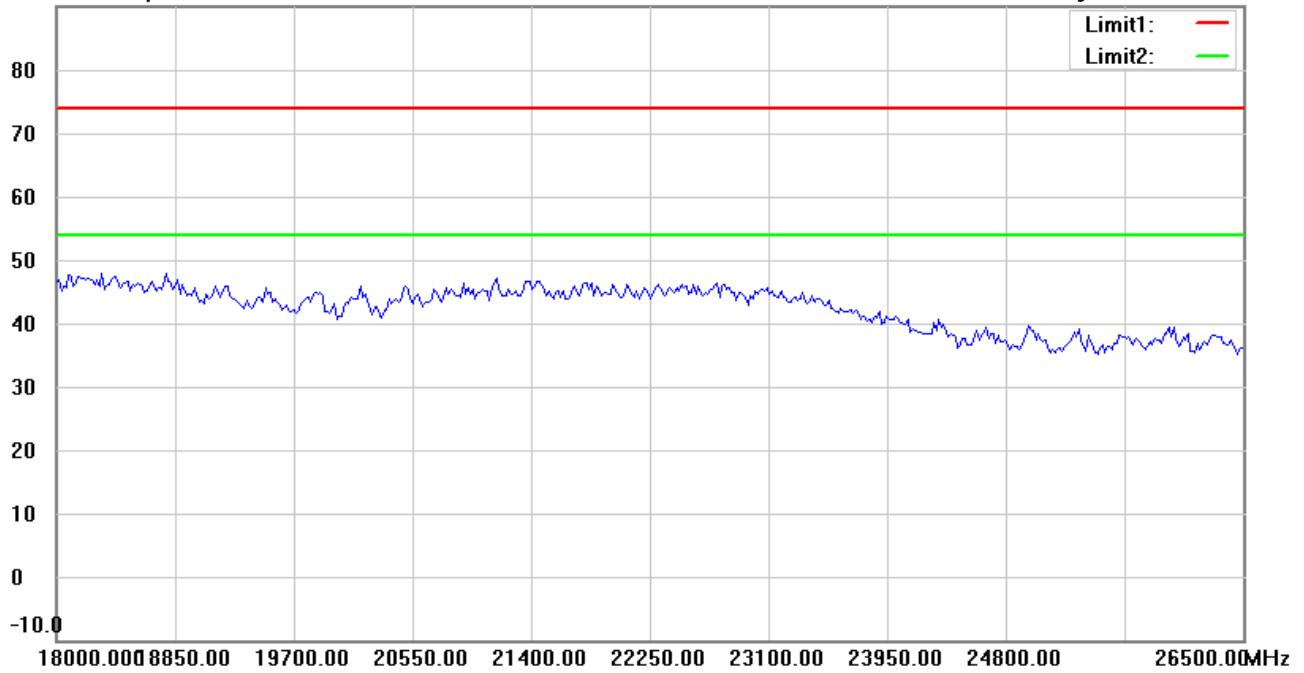
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:28:11 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#1

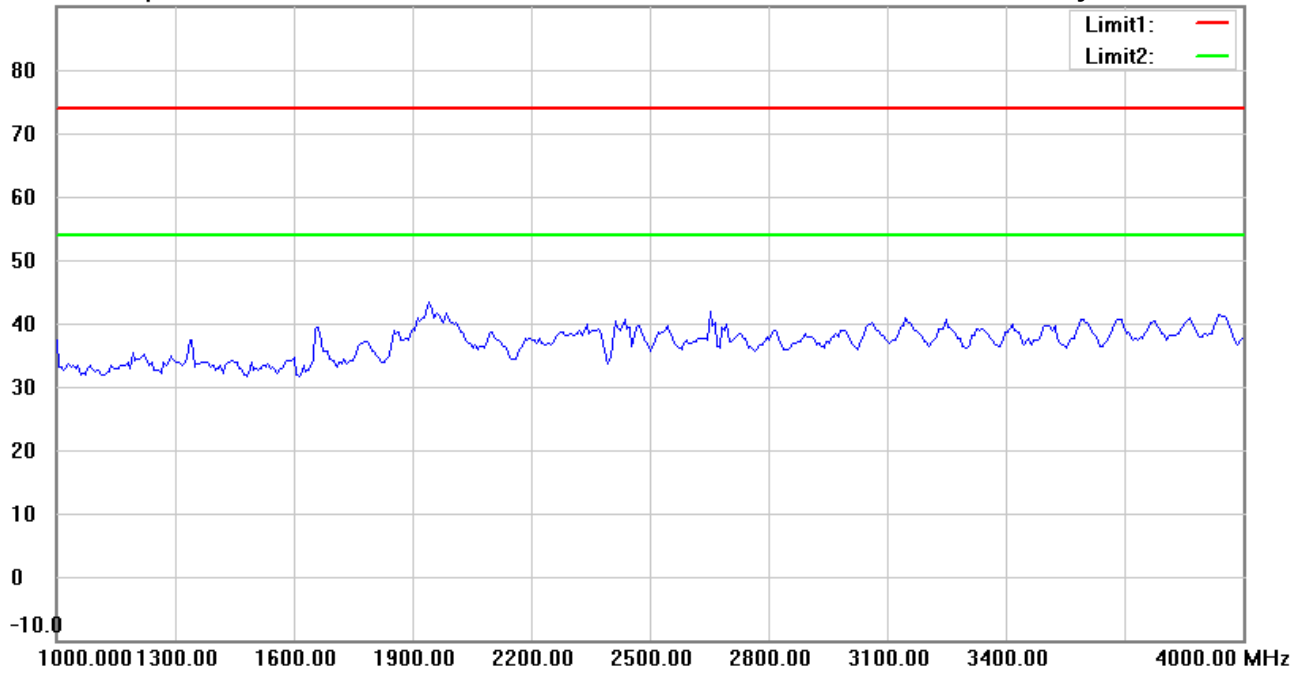
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:40:57 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

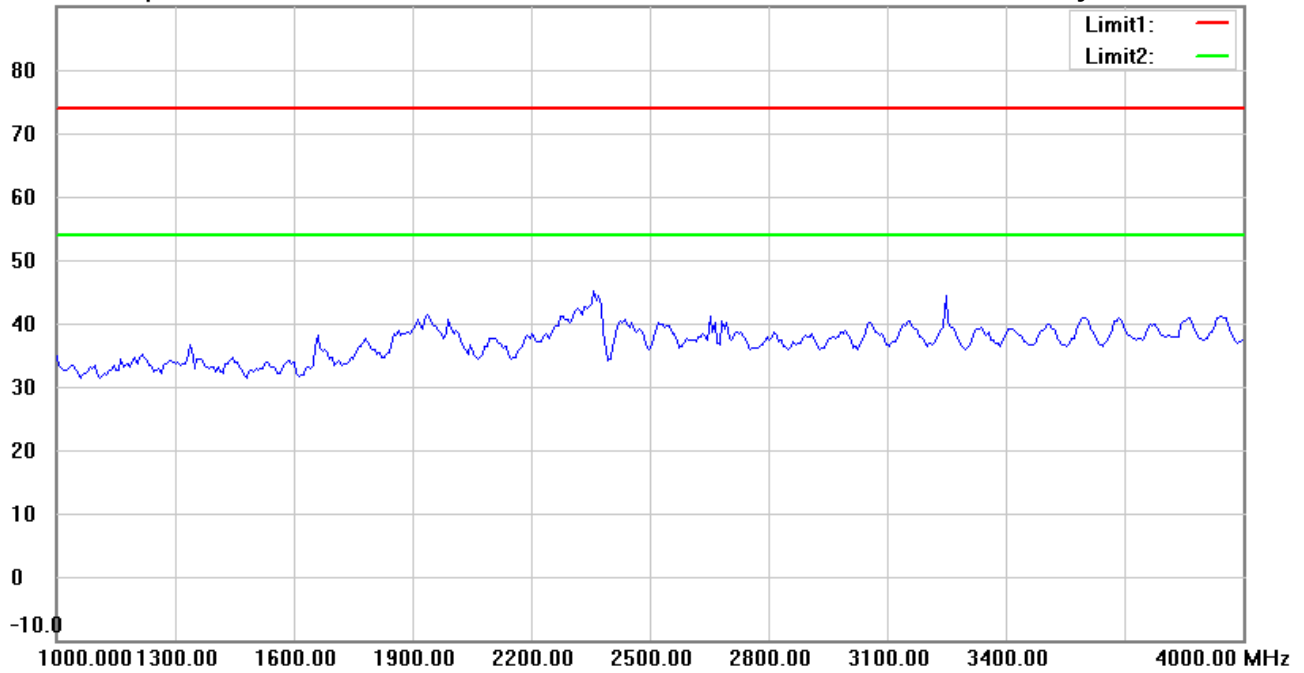
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:44:27 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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





Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

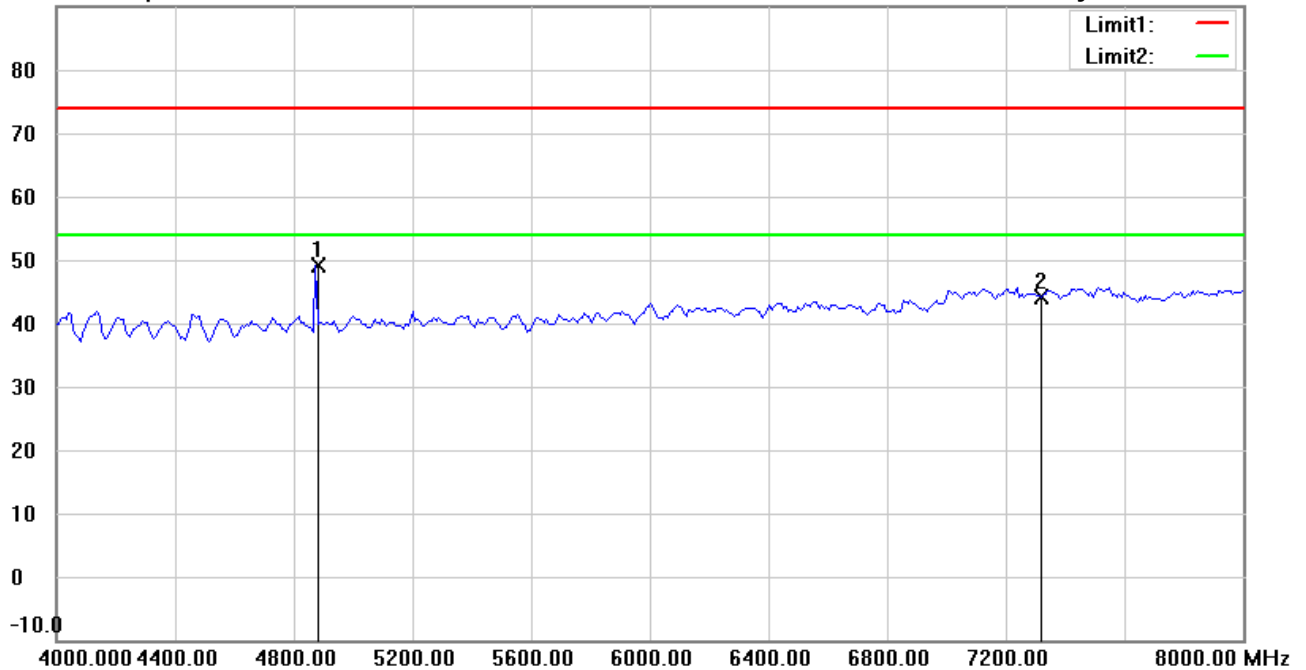
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:41:57 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	50.73	peak	-1.70	49.03	74.00	150	176	-24.97	
	7311.000	40.72	peak	3.42	44.14	74.00	150	265	-29.86	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

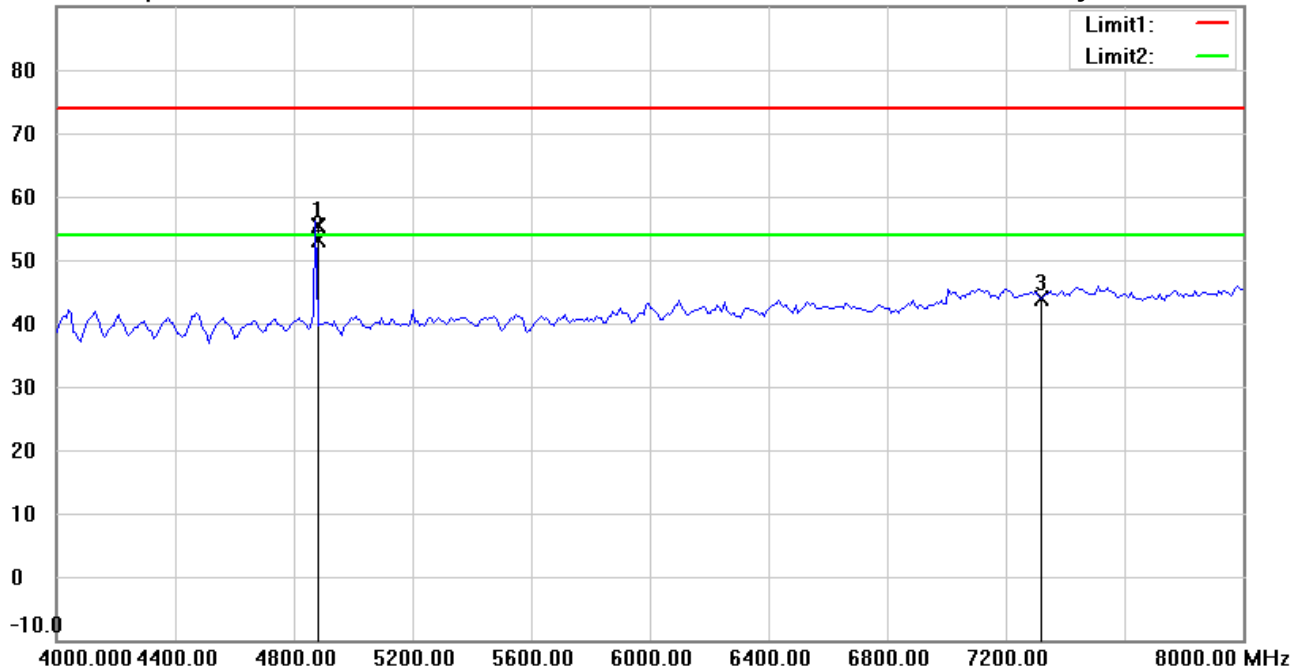
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:45:28 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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
	4873.986	57.12	peak	-1.70	55.42	74.00	179	190	-18.58	
*	4873.986	54.89	AVG	-1.70	53.19	54.00	179	190	-0.81	
	7311.000	40.43	peak	3.42	43.85	74.00	150	226	-30.15	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

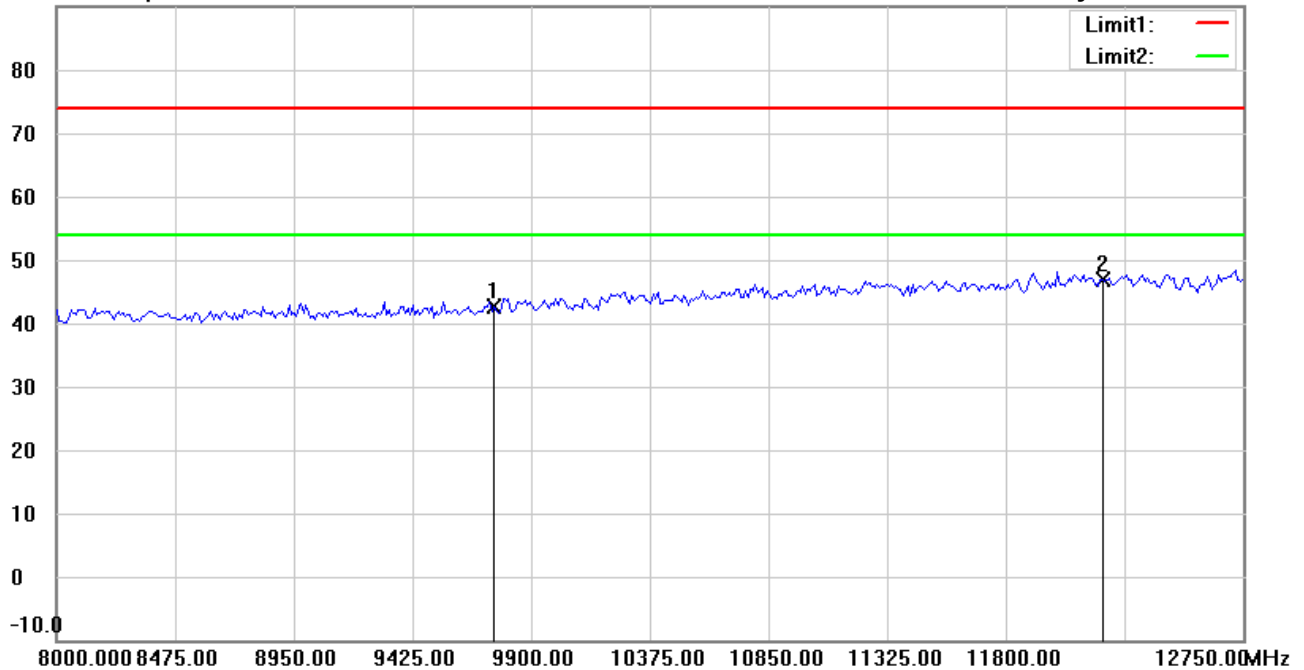
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:43:04 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.80	peak	6.75	42.55	74.00	150	92	-31.45	
*	12185.000	33.93	peak	12.83	46.76	74.00	150	218	-27.24	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

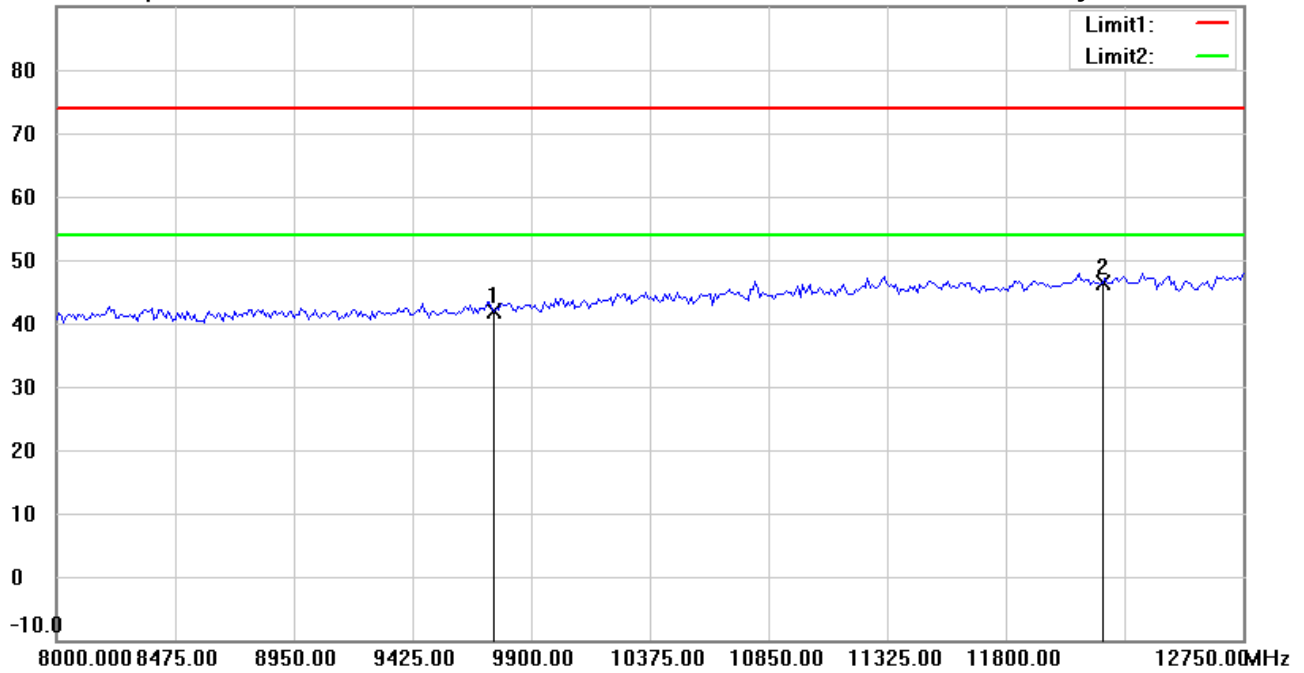
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:46:28 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.12	peak	6.75	41.87	74.00	150	51	-32.13	
*	12185.000	33.56	peak	12.83	46.39	74.00	150	197	-27.61	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

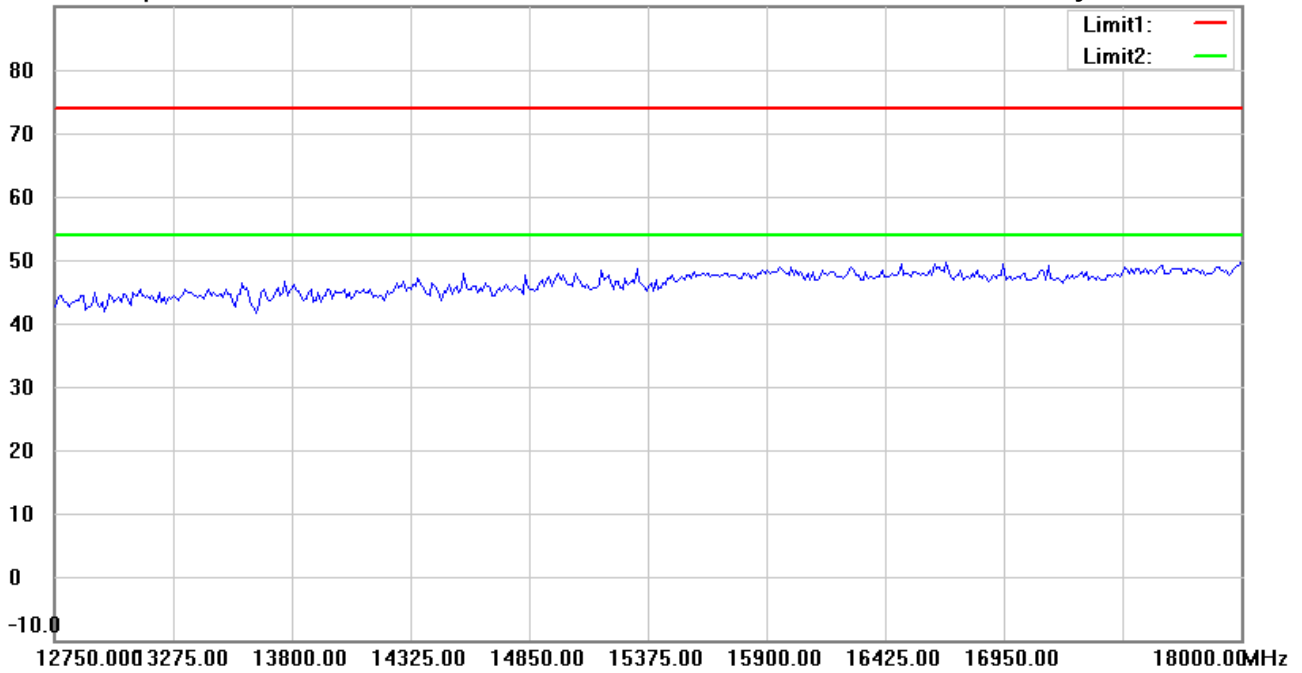
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:43:18 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

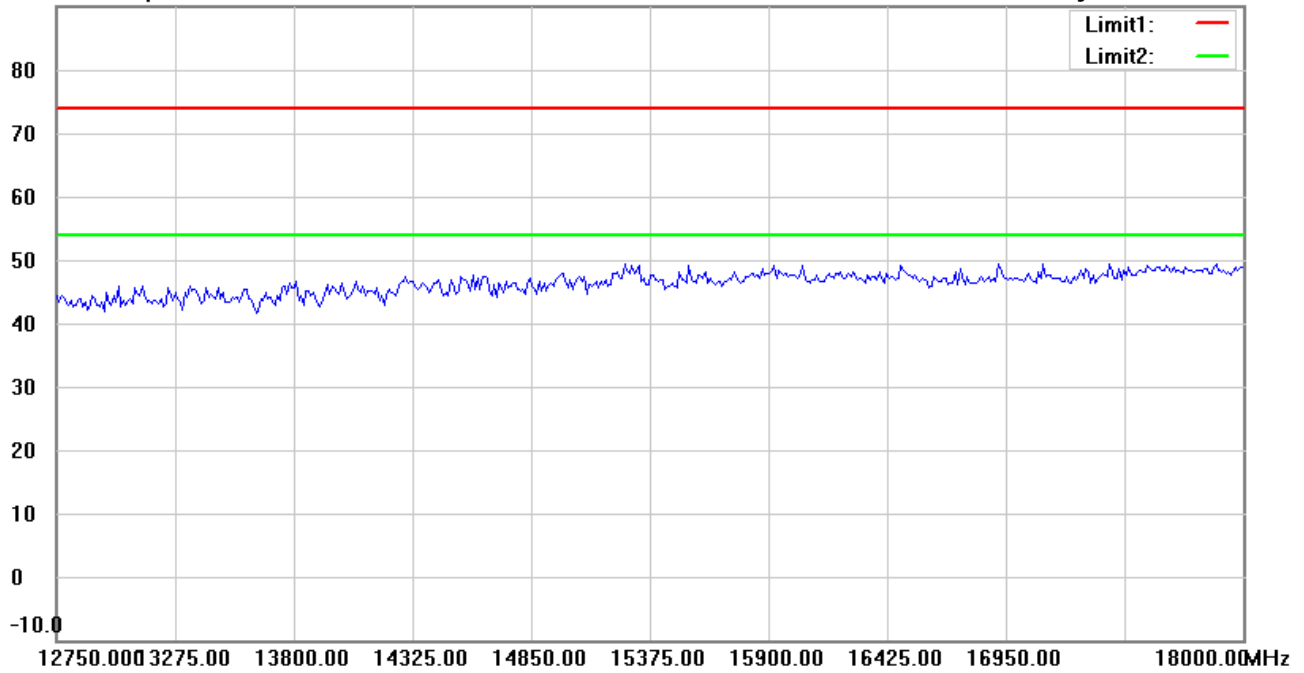
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:46:41 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

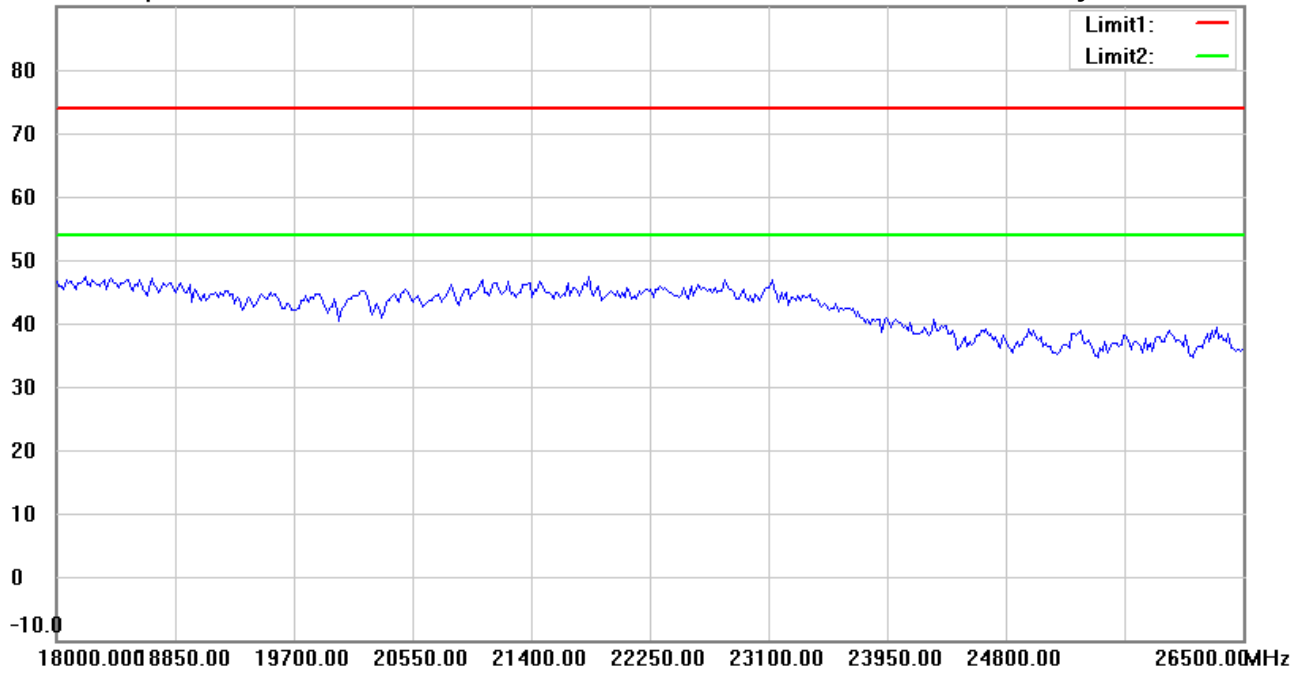
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:43:27 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

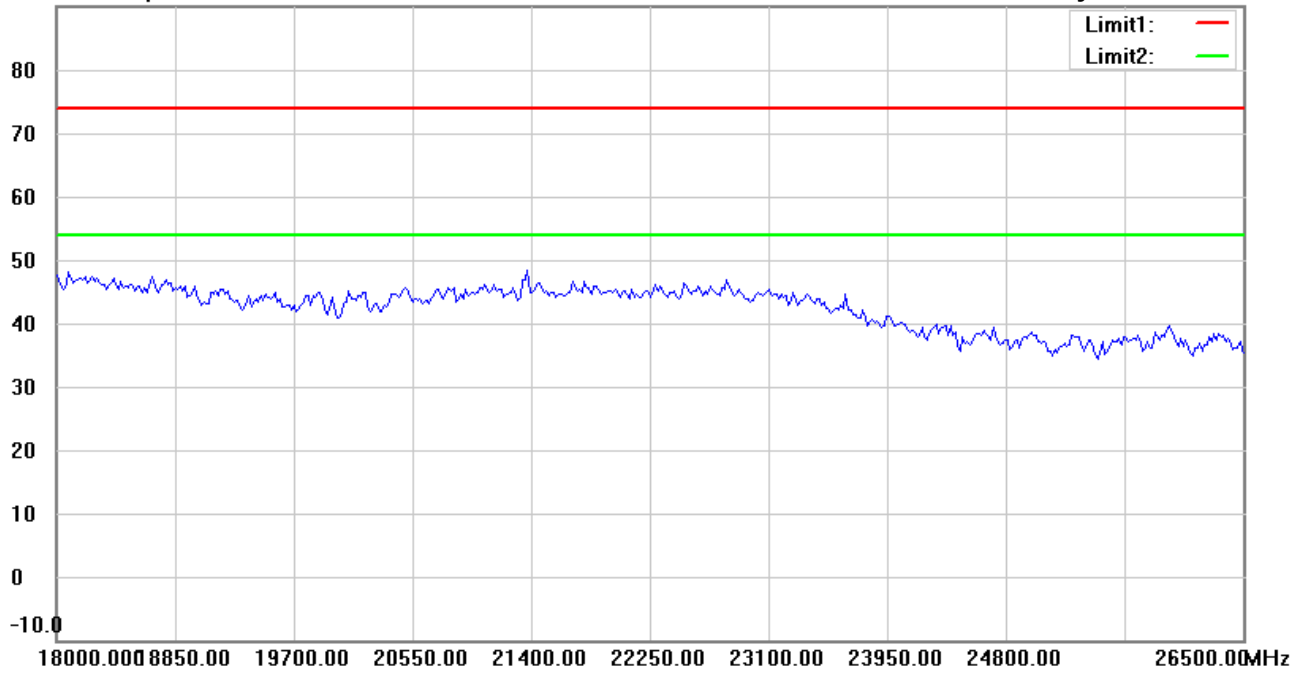
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 6:46:51 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#1

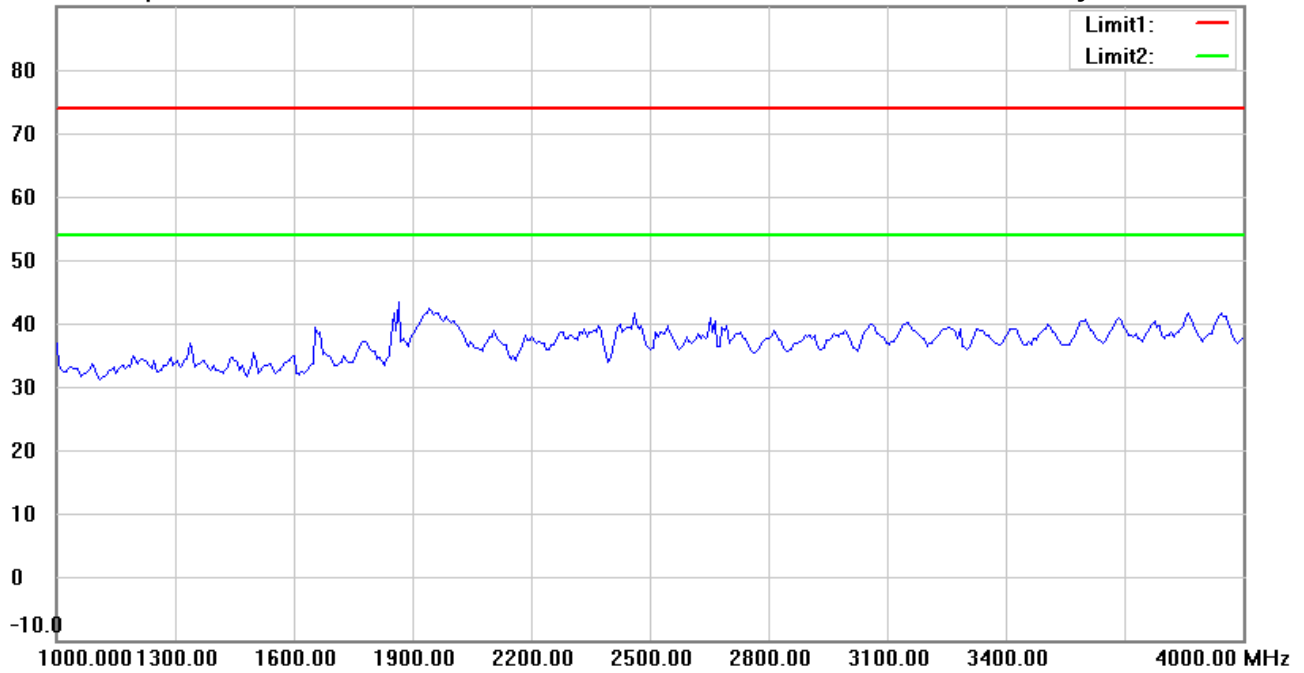
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:04:03 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#6

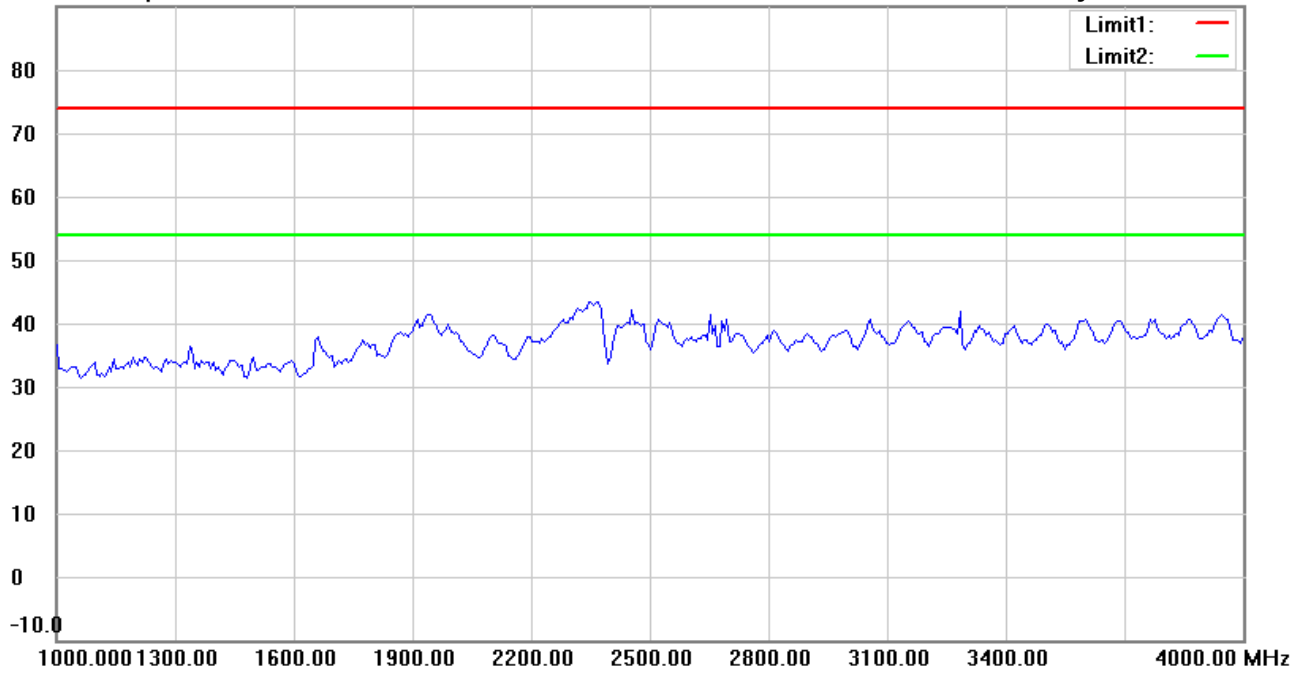
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:07:34 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#2

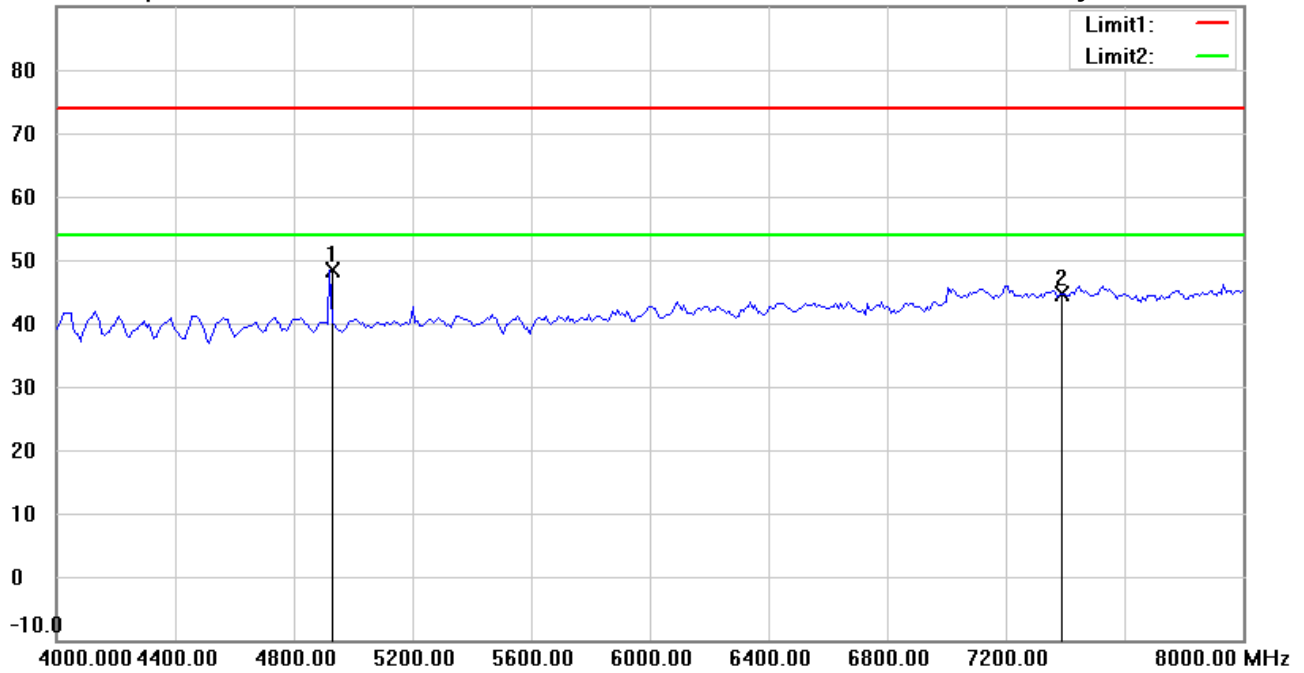
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:05:04 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	49.98	peak	-1.52	48.46	74.00	150	160	-25.54	
	7386.000	40.84	peak	3.72	44.56	74.00	150	275	-29.44	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

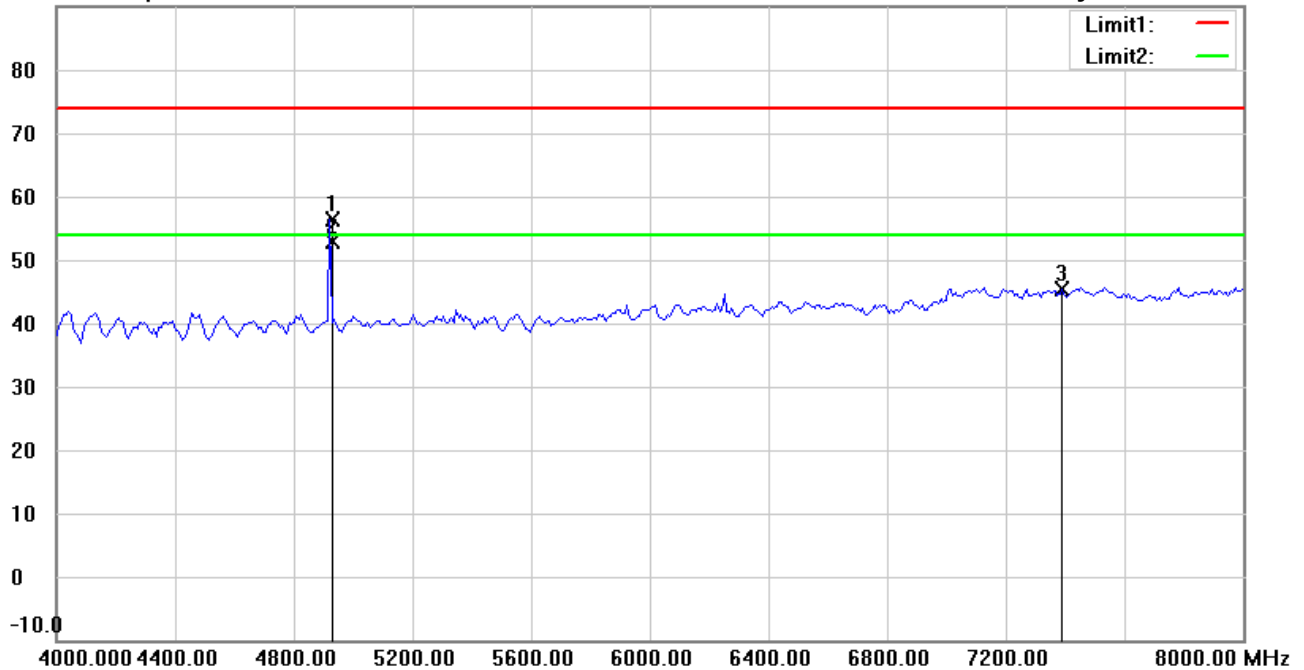
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:08:34 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	57.80	peak	-1.52	56.28	74.00	187	172	-17.72	
*	4921.844	54.38	AVG	-1.52	52.86	54.00	187	172	-1.14	
	7386.000	41.57	peak	3.72	45.29	74.00	150	233	-28.71	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

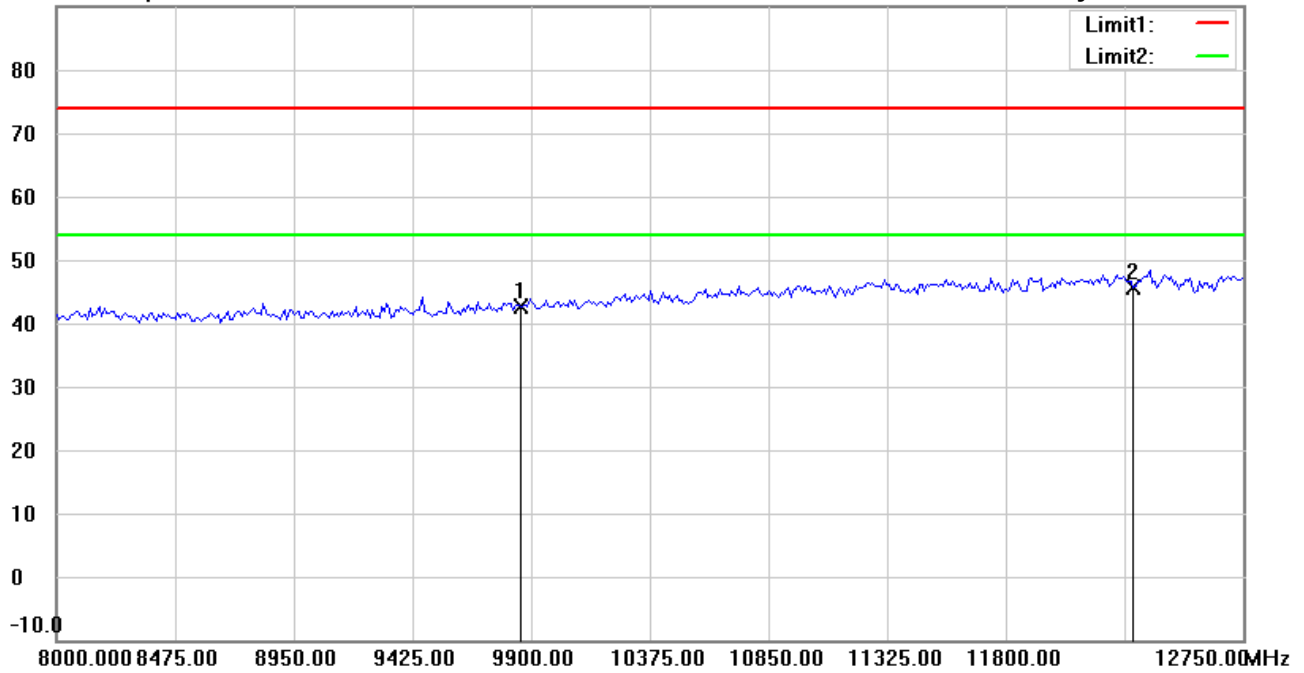
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:06:10 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.60	peak	6.96	42.56	74.00	150	215	-31.44	
*	12310.000	33.52	peak	12.18	45.70	74.00	150	176	-28.30	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

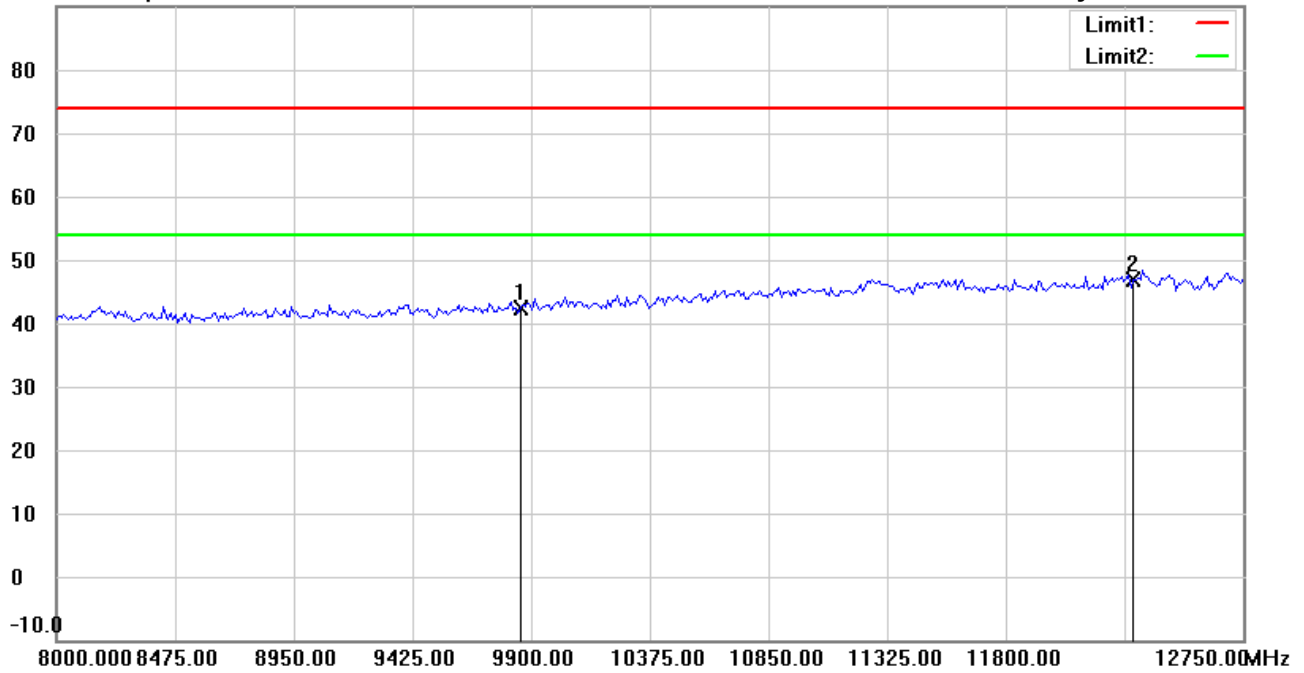
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:09:34 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.46	peak	6.96	42.42	74.00	150	38	-31.58	
*	12310.000	34.63	peak	12.18	46.81	74.00	150	217	-27.19	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

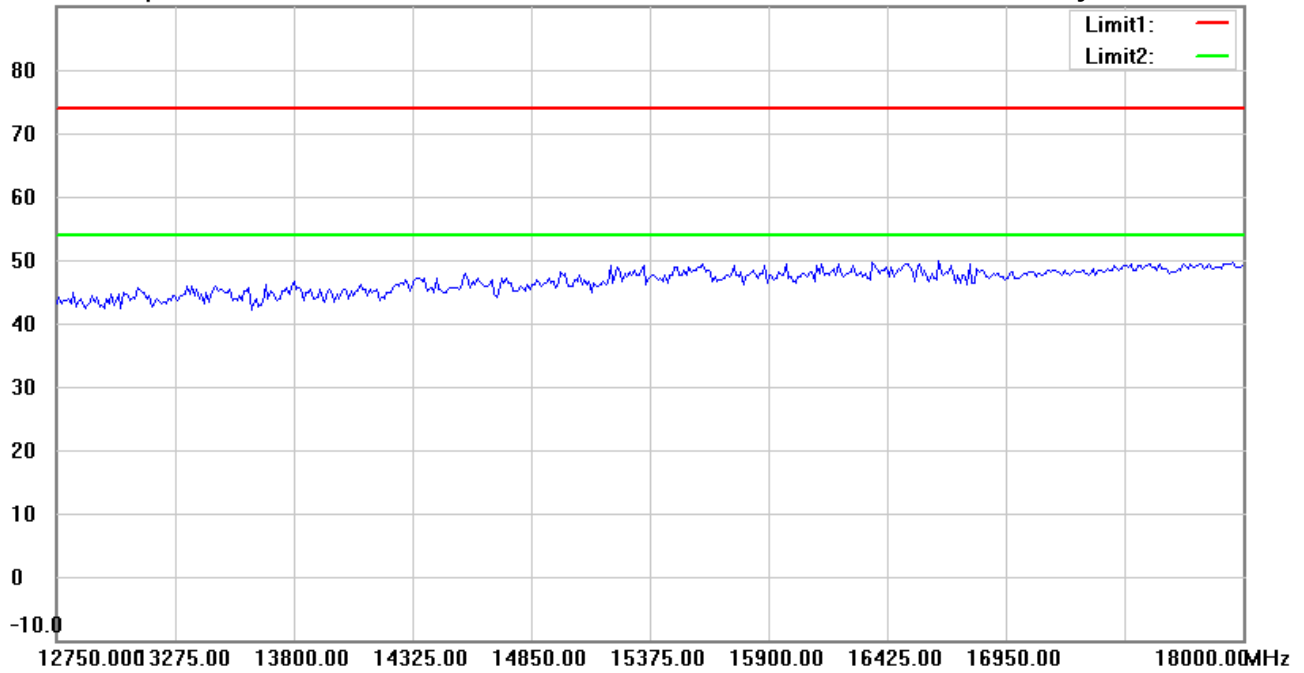
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:06:24 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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

Operator: Leon

File :3

Data :#9

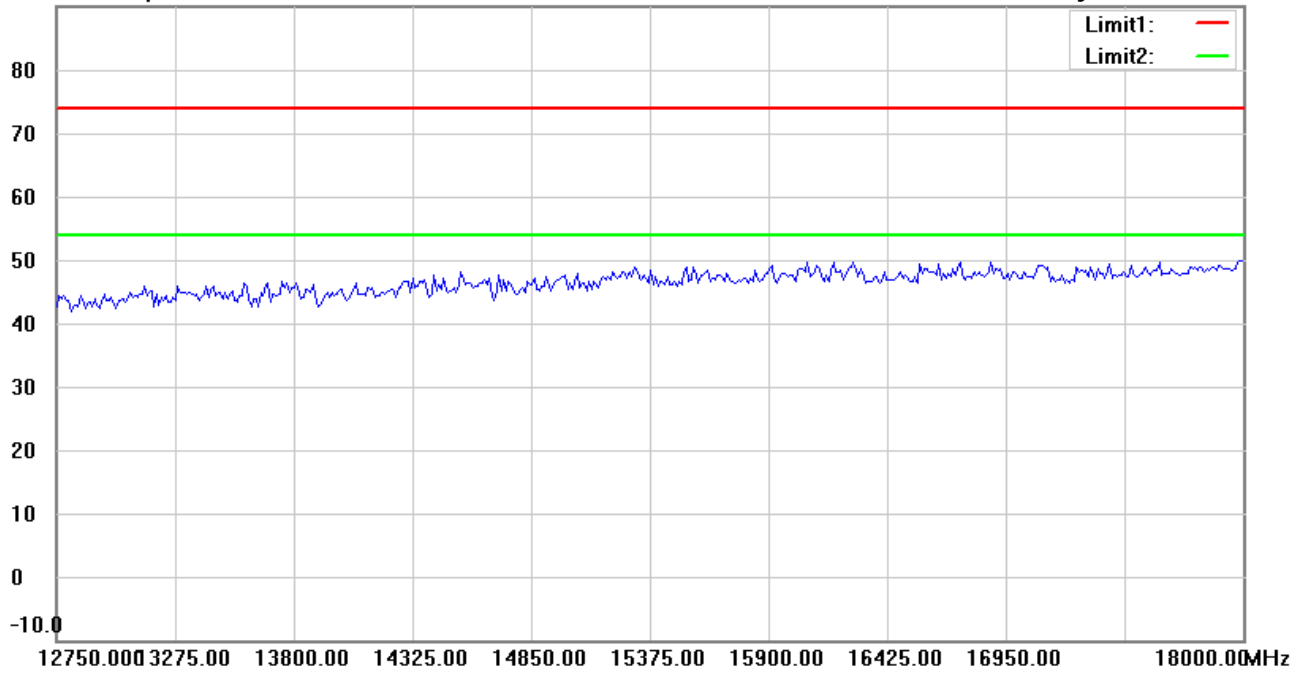
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:09:48 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

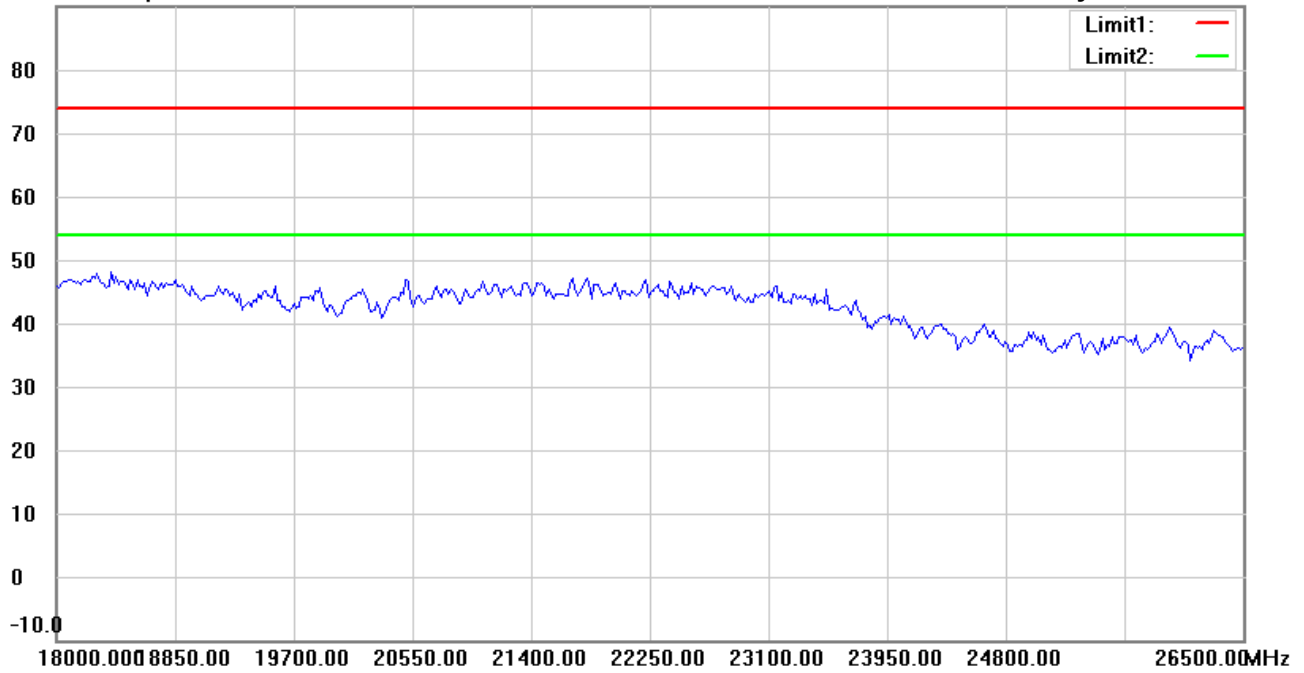
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:06:34 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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

Operator: Leon

File :3

Data :#10

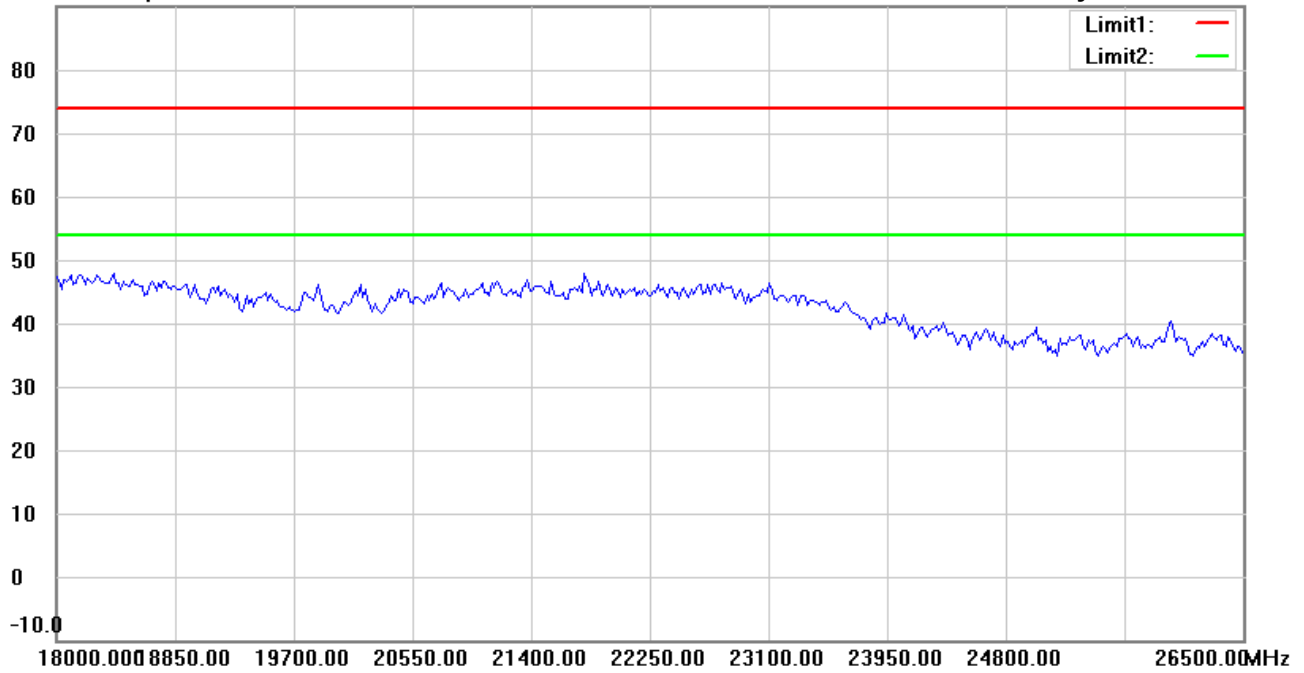
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:09:58 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

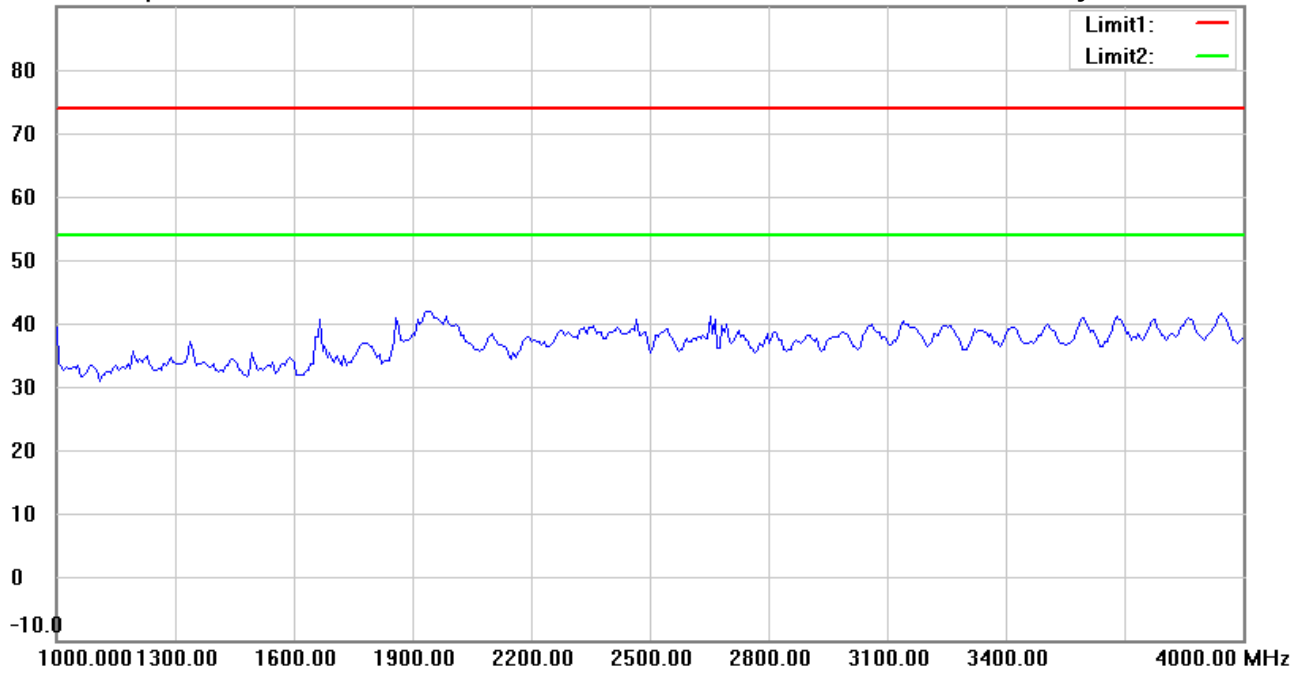
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:17:53 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#6

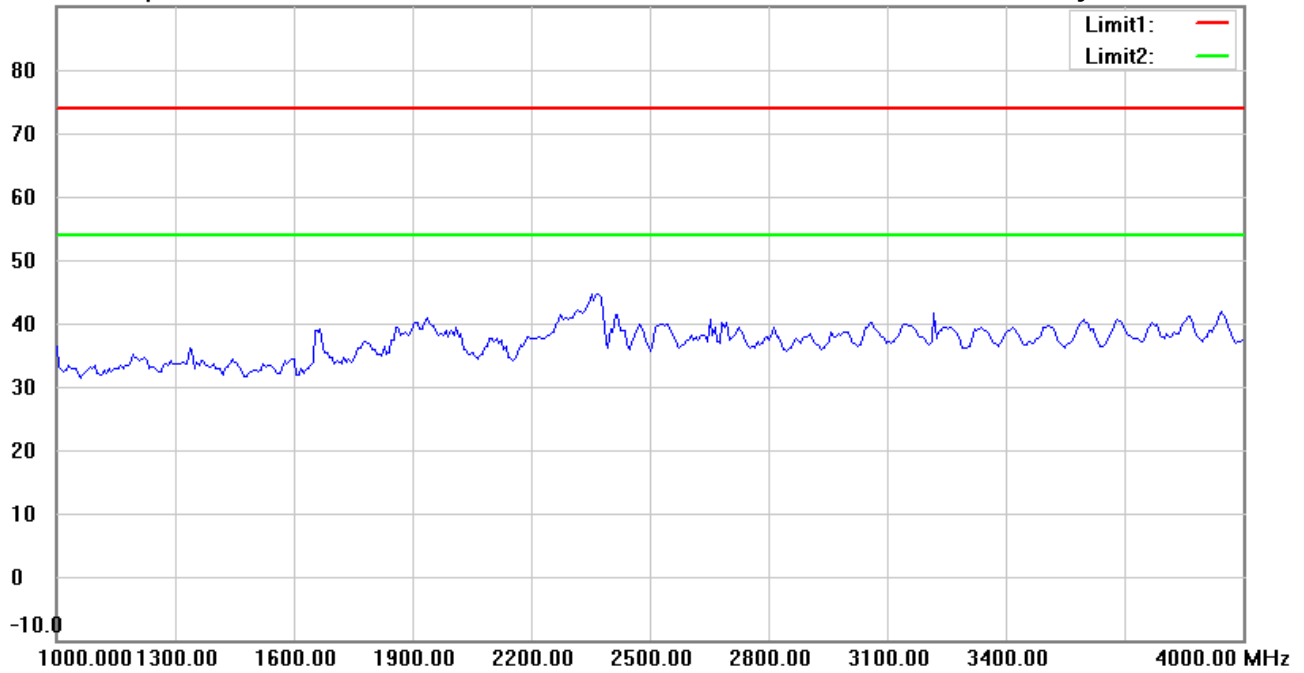
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:21:23 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

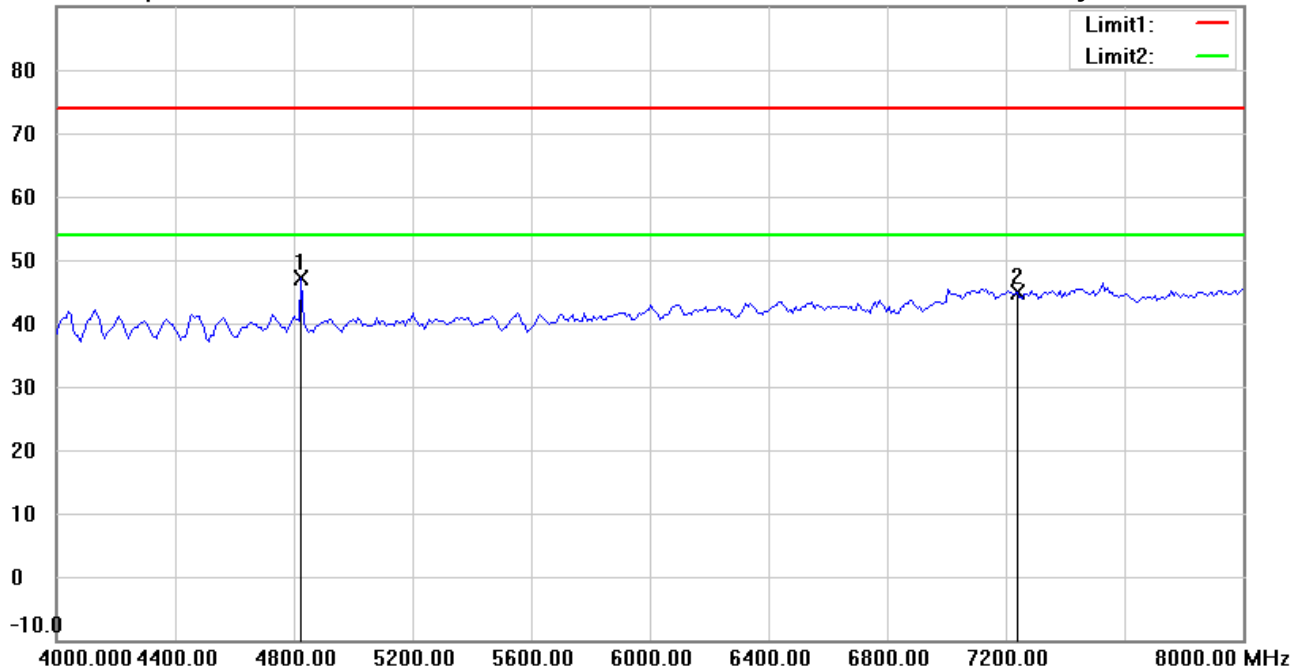
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:18:53 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4825.651	48.94	peak	-1.87	47.07	74.00	150	46	-26.93	
	7236.000	41.60	peak	3.28	44.88	74.00	150	217	-29.12	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

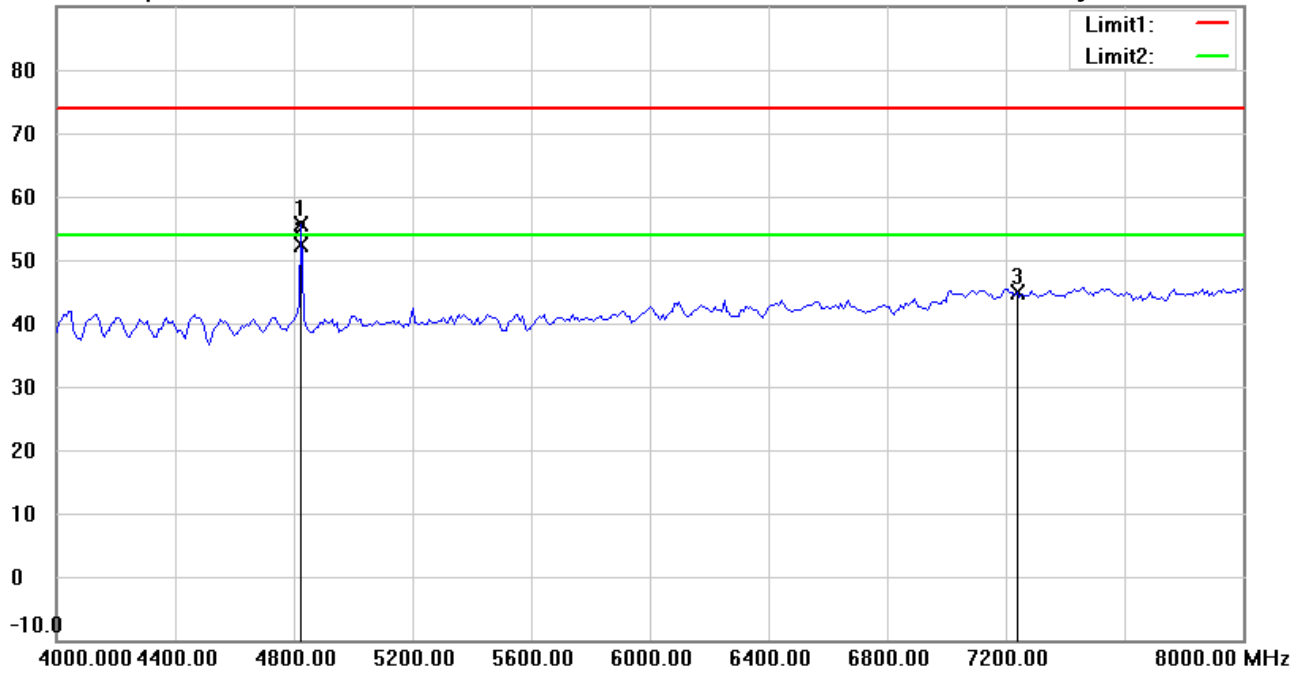
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:22:24 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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
	4825.651	57.49	peak	-1.87	55.62	74.00	155	93	-18.38	
*	4825.651	54.26	AVG	-1.87	52.39	54.00	155	93	-1.61	
	7236.000	41.50	peak	3.28	44.78	74.00	150	152	-29.22	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

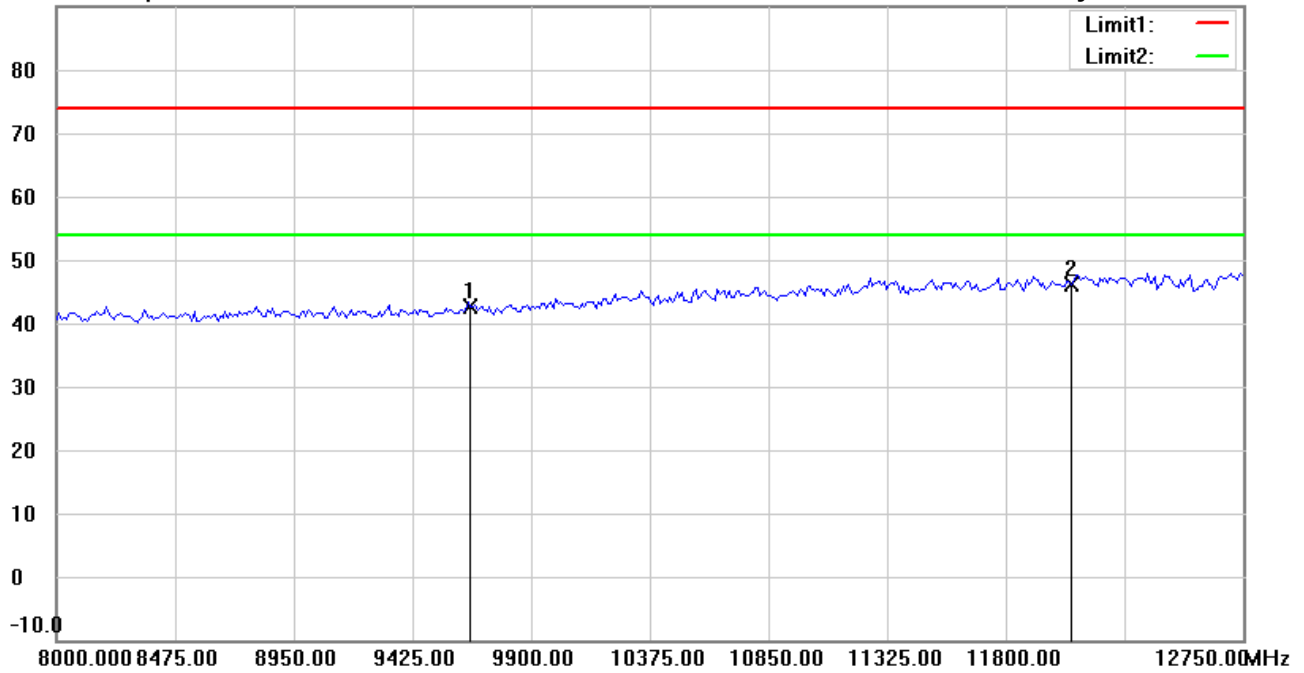
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:20:00 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	36.03	peak	6.60	42.63	74.00	150	238	-31.37	
*	12060.000	34.01	peak	12.21	46.22	74.00	150	196	-27.78	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

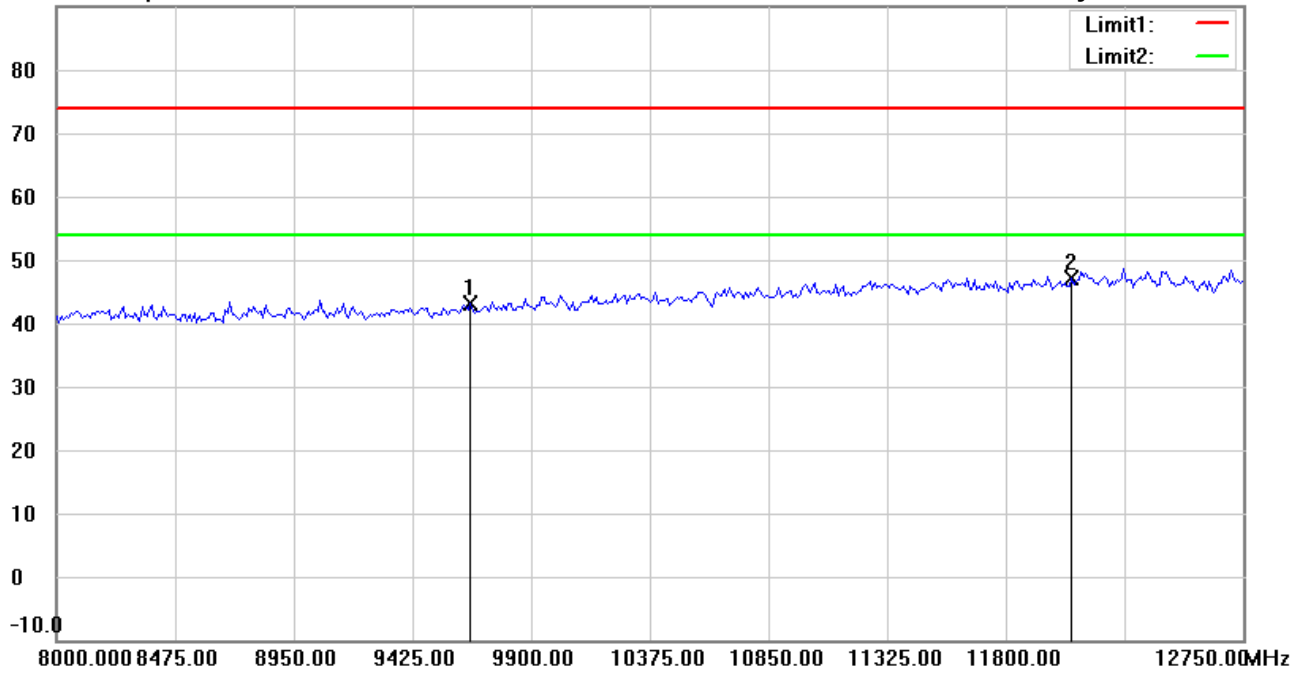
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:23:23 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	36.43	peak	6.60	43.03	74.00	150	251	-30.97	
*	12060.000	34.81	peak	12.21	47.02	74.00	150	76	-26.98	

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





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

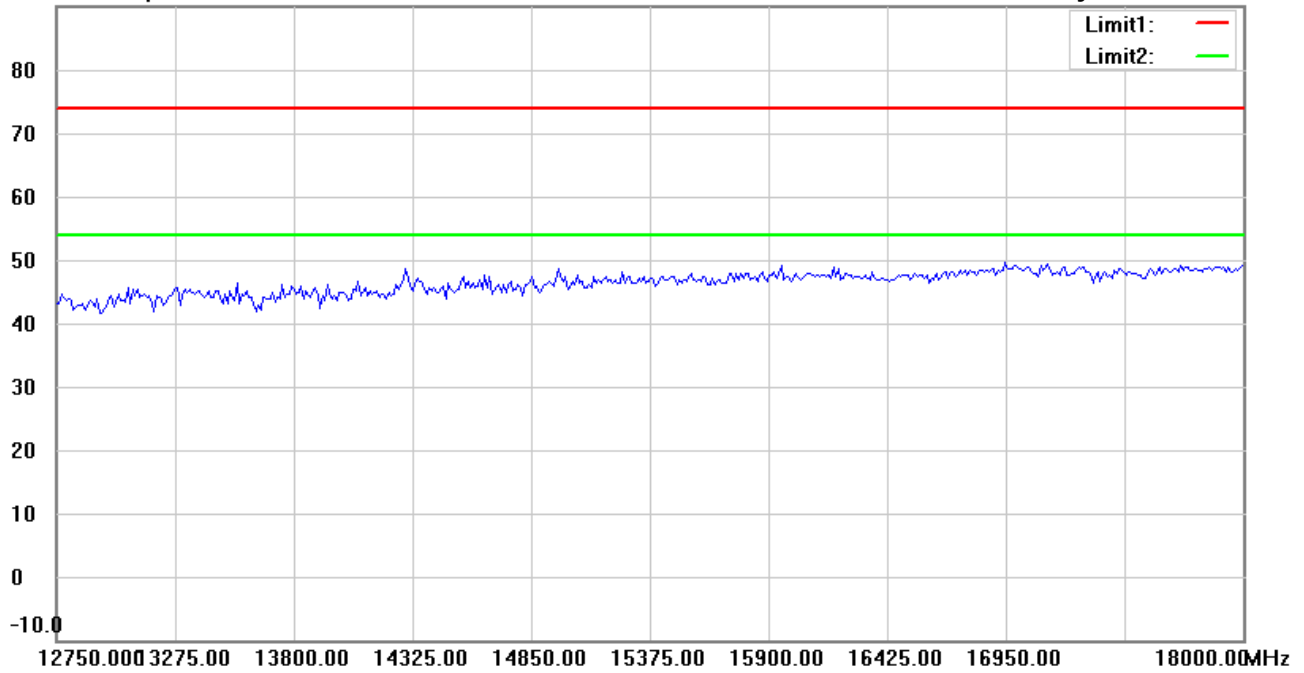
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:20:13 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

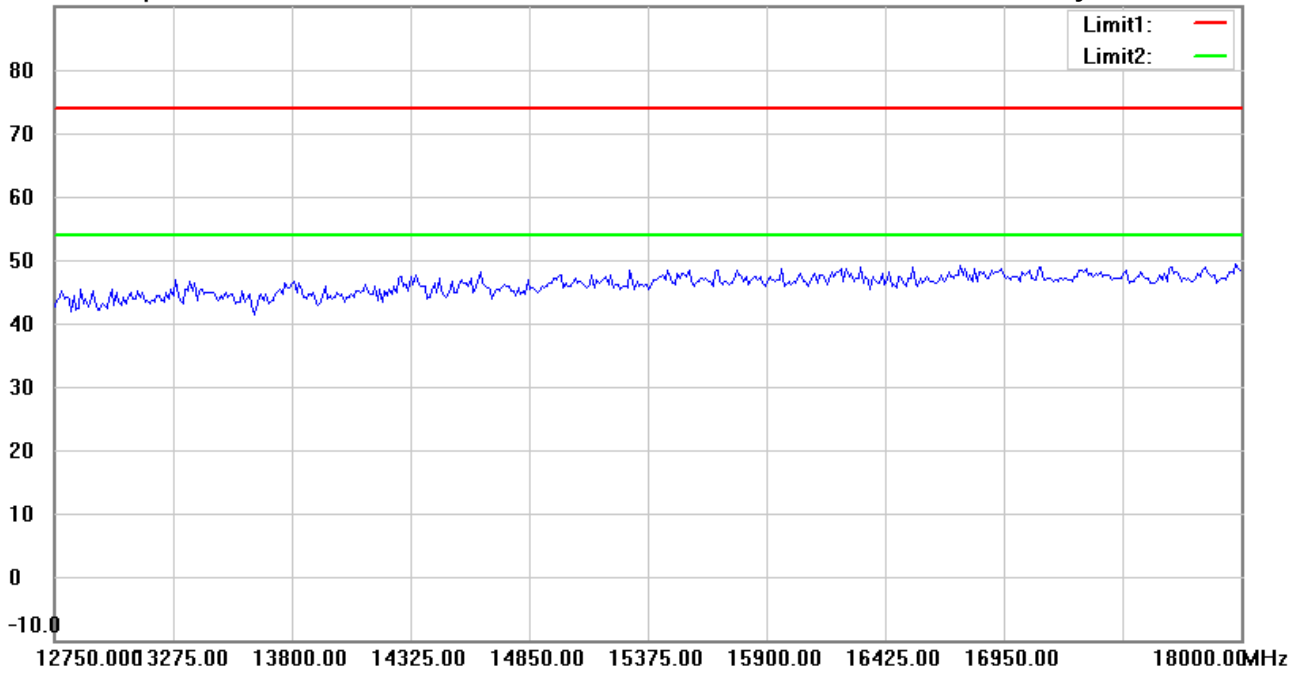
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:23:37 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

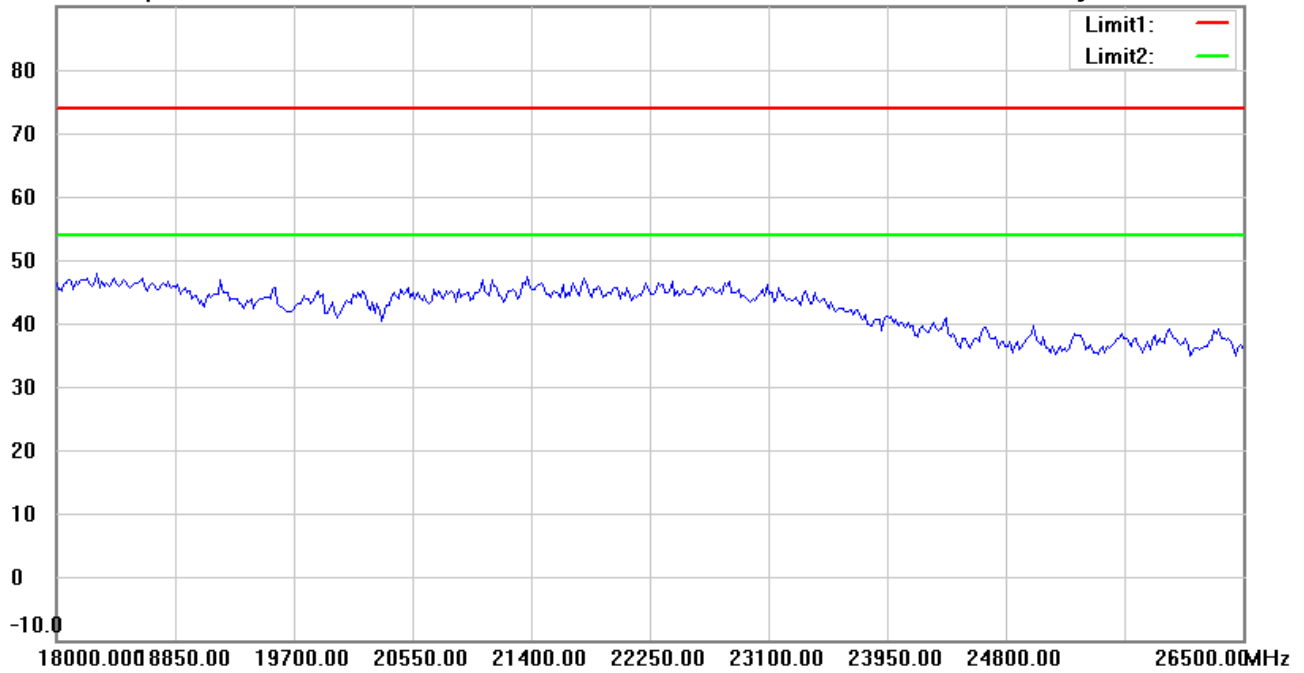
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:20:23 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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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 Tel:+886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

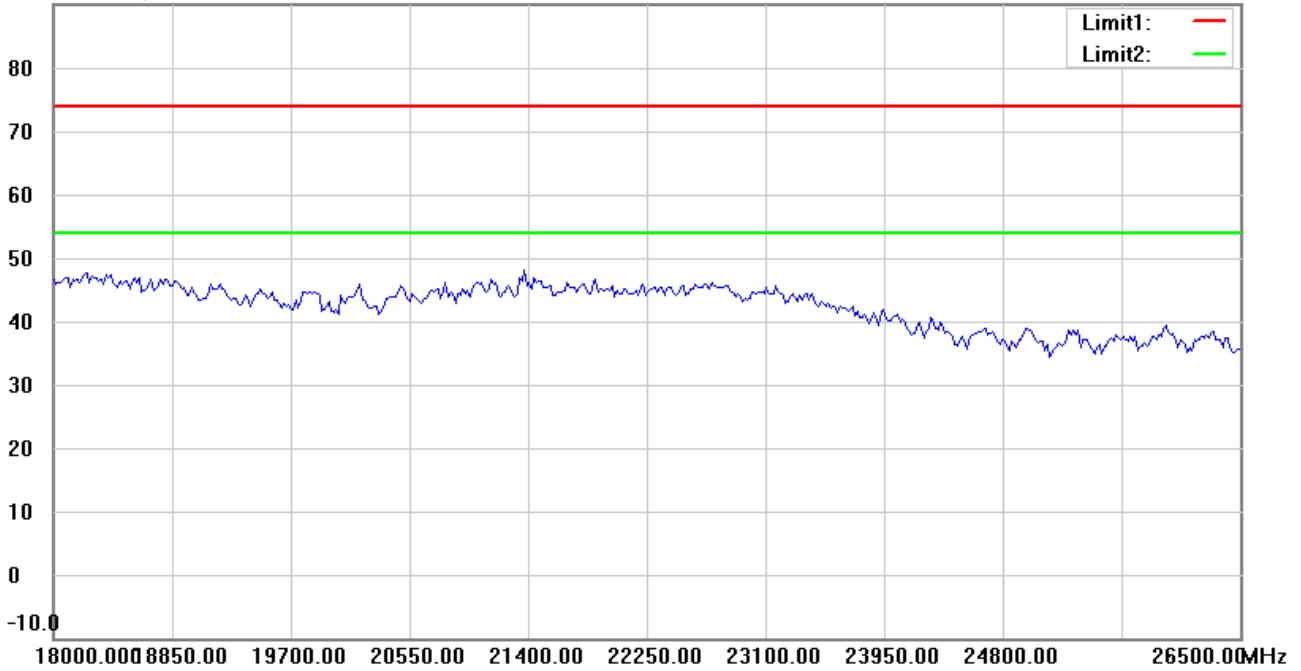
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:23:47 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#1

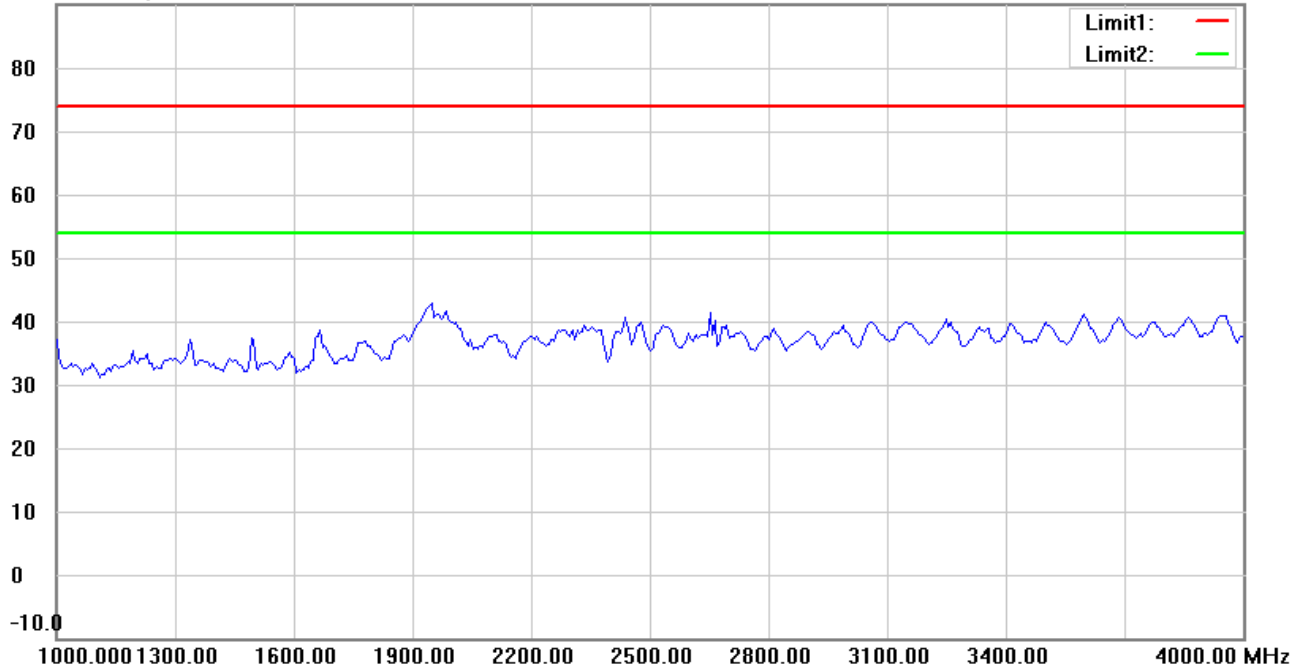
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:39:51 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

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

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



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

Operator: Leon

File :3

Data :#6

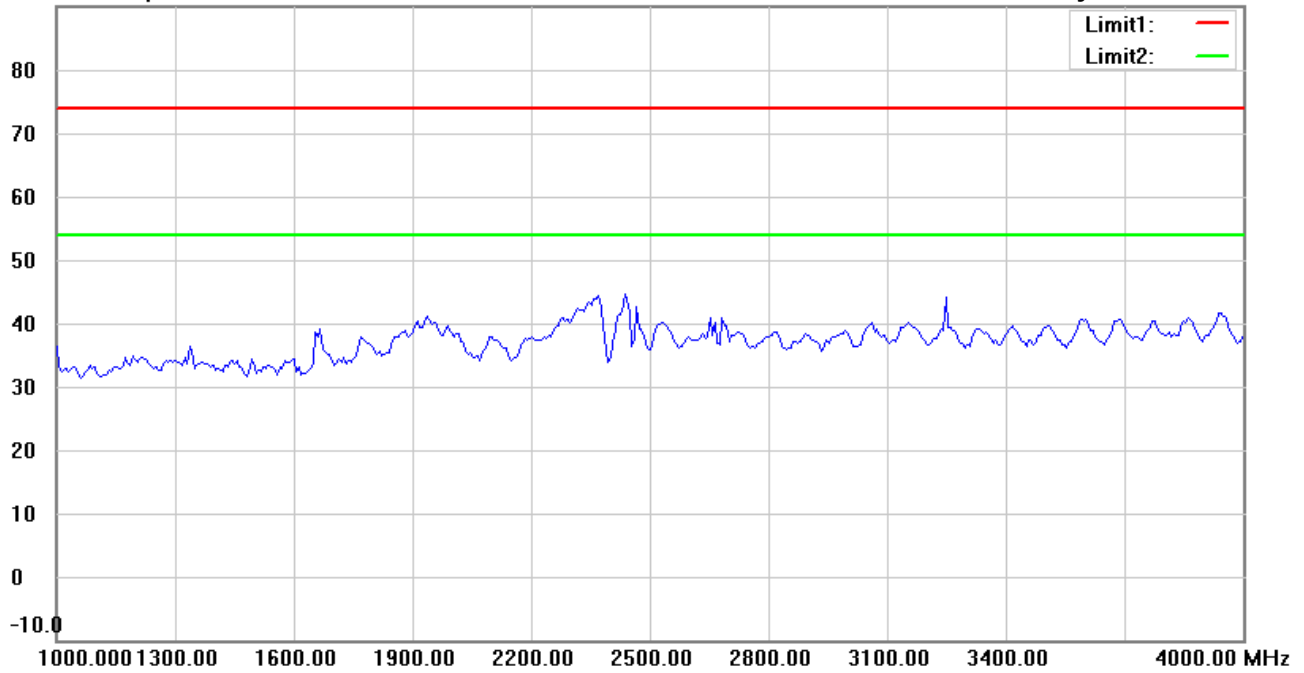
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:43:21 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

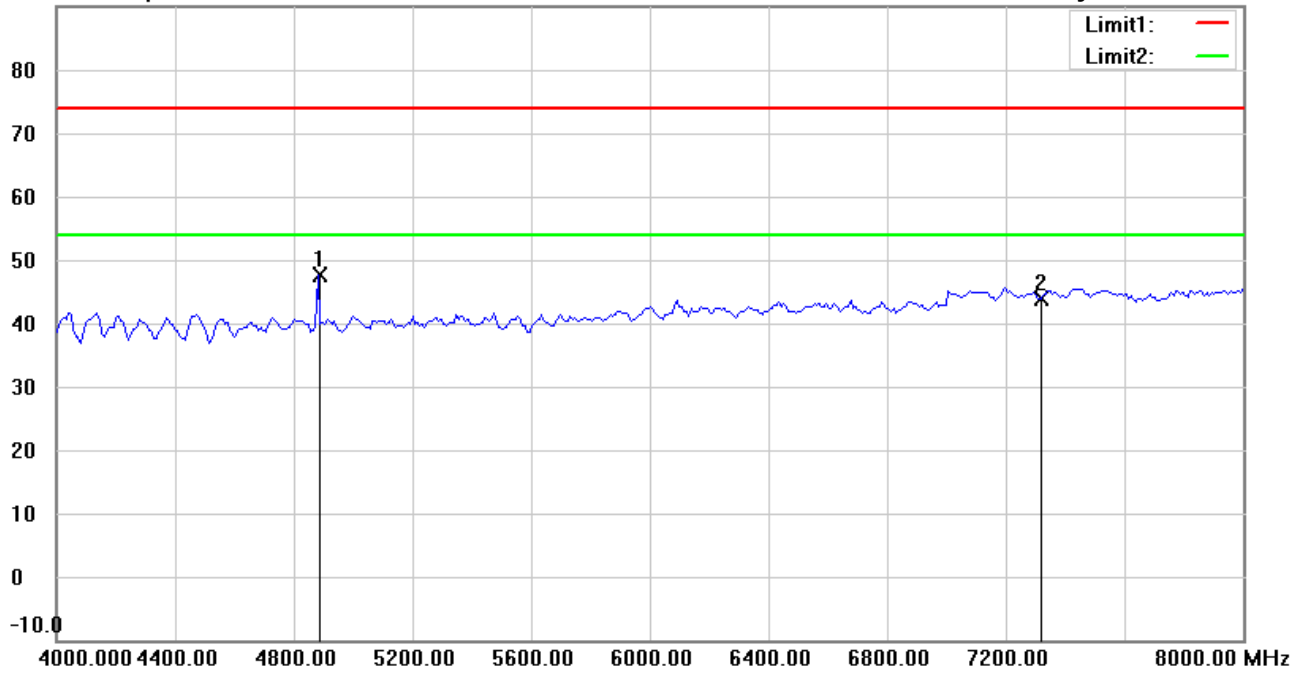
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:40:51 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
*	4881.764	49.25	peak	-1.67	47.58	74.00	150	257	-26.42	
	7311.000	40.40	peak	3.42	43.82	74.00	150	192	-30.18	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

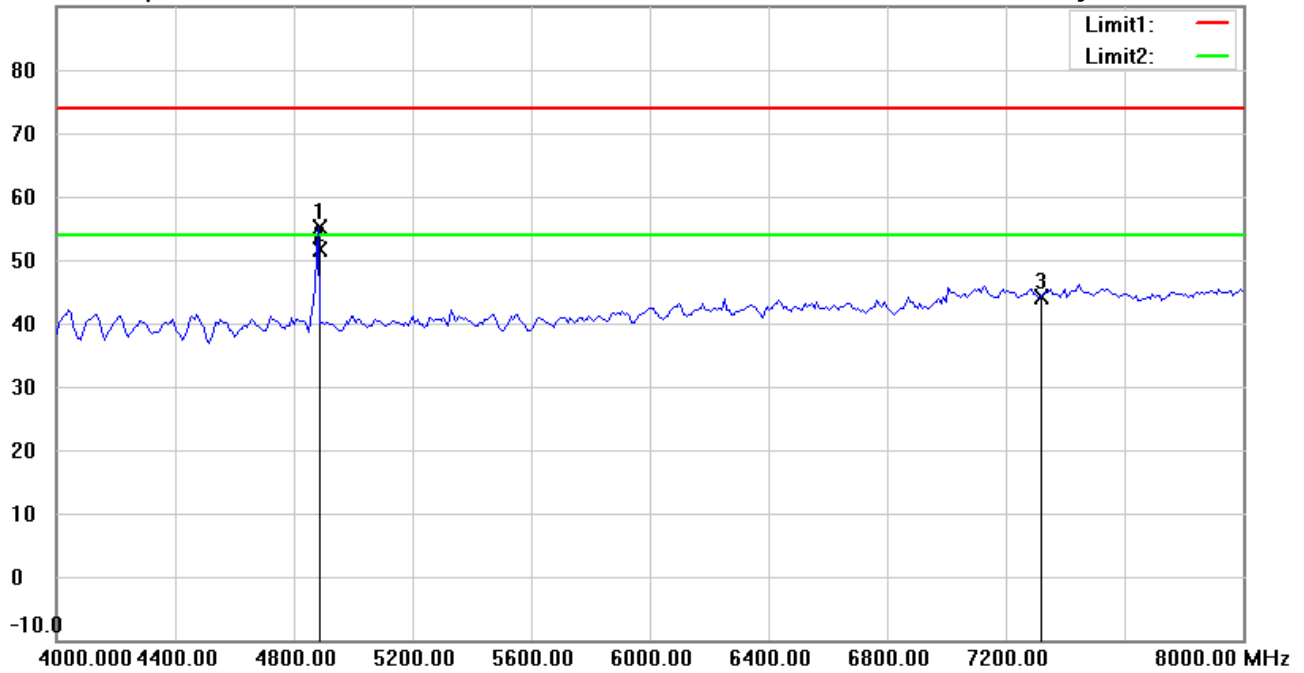
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:44:22 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4881.764	56.84	peak	-1.67	55.17	74.00	152	163	-18.83	
*	4881.764	53.26	AVG	-1.67	51.59	54.00	152	163	-2.41	
	7311.000	40.60	peak	3.42	44.02	74.00	150	86	-29.98	





Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

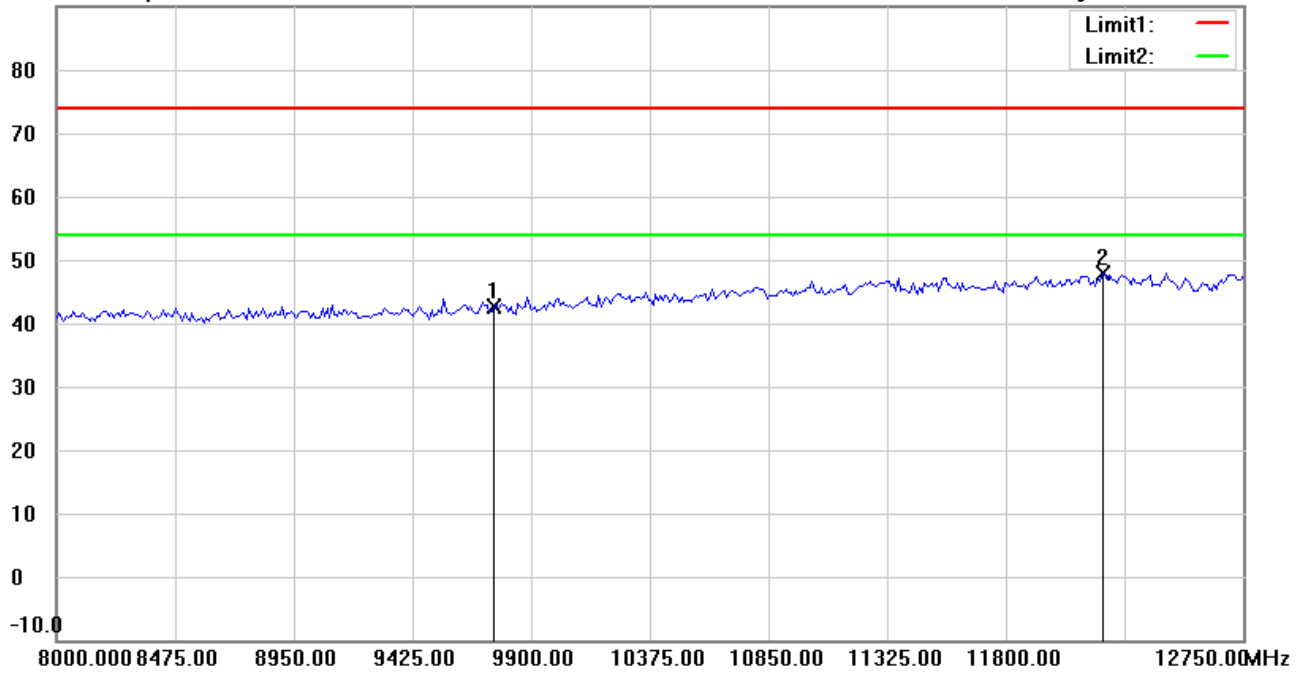
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:41:58 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Horizontal**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.92	peak	6.75	42.67	74.00	150	219	-31.33	
*	12185.000	35.05	peak	12.83	47.88	74.00	150	35	-26.12	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

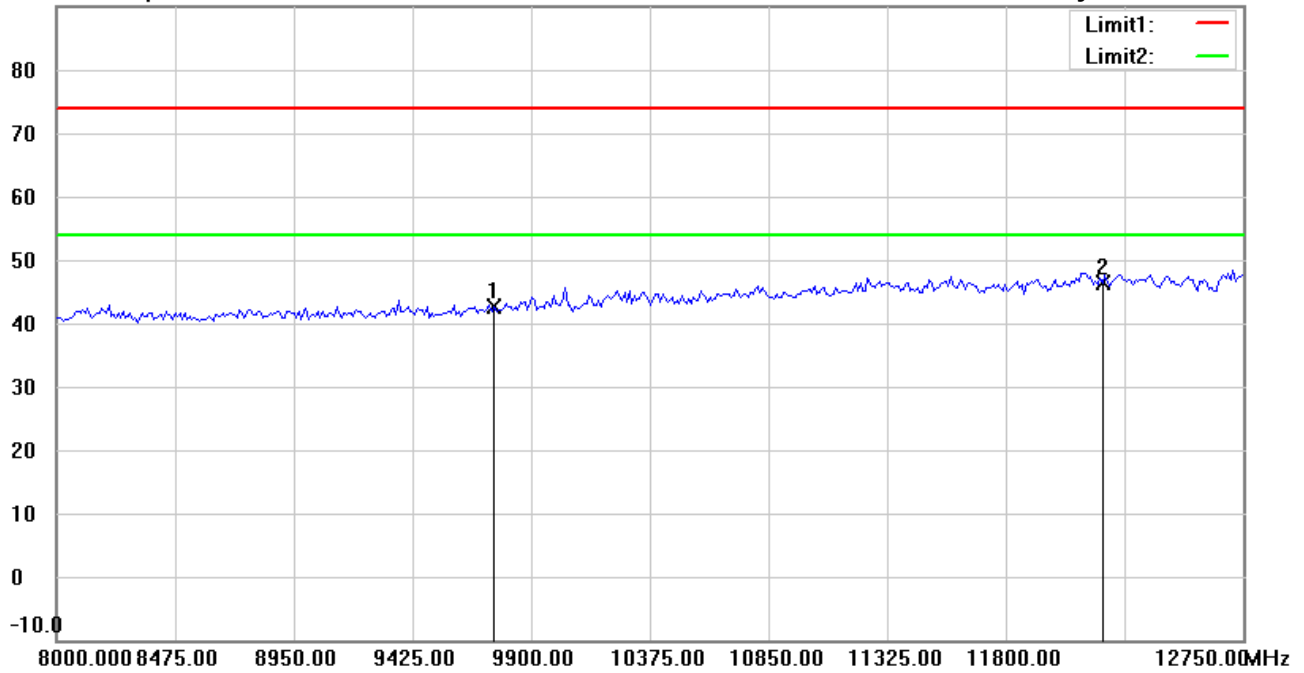
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:45:22 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.79	peak	6.75	42.54	74.00	150	243	-31.46	
*	12185.000	33.58	peak	12.83	46.41	74.00	150	169	-27.59	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

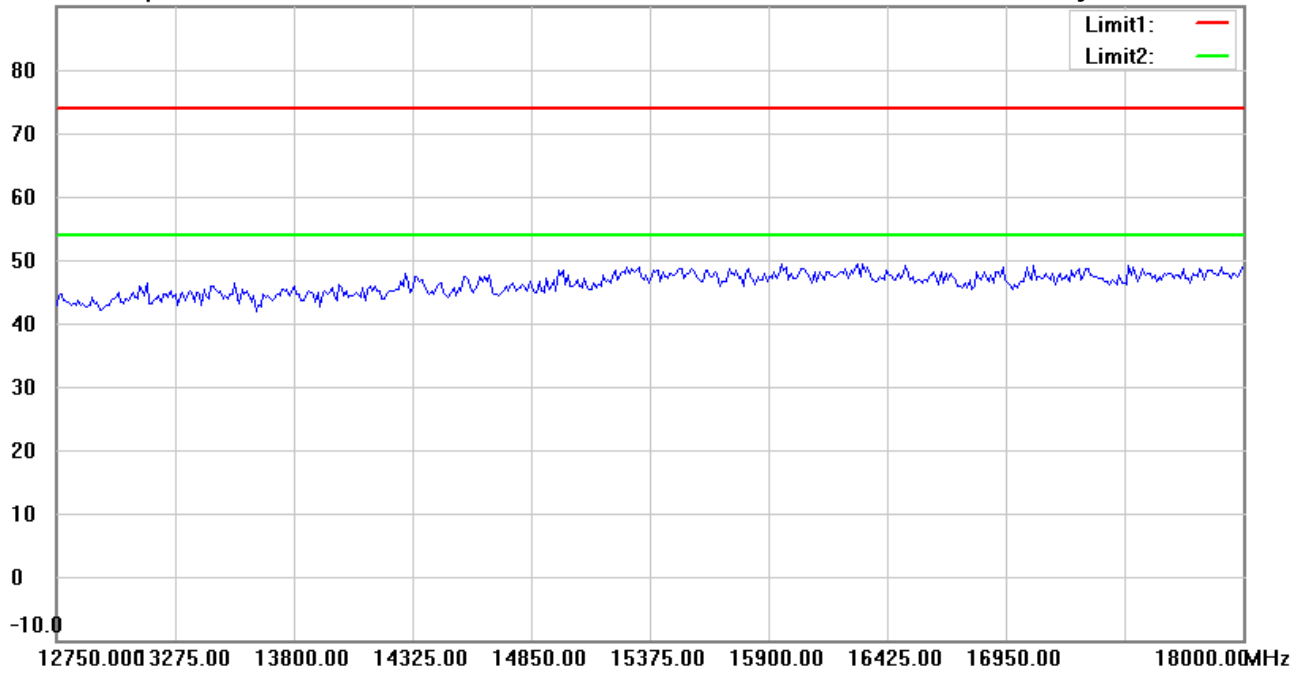
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:42:12 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

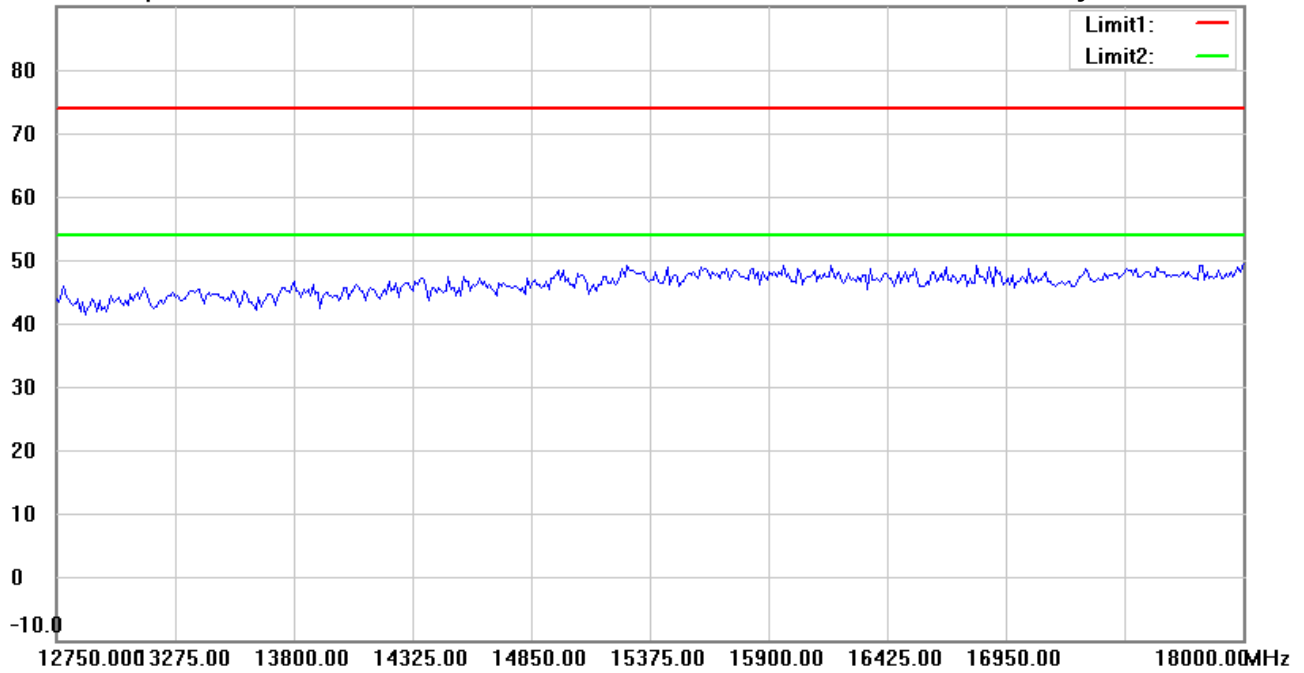
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:45:36 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

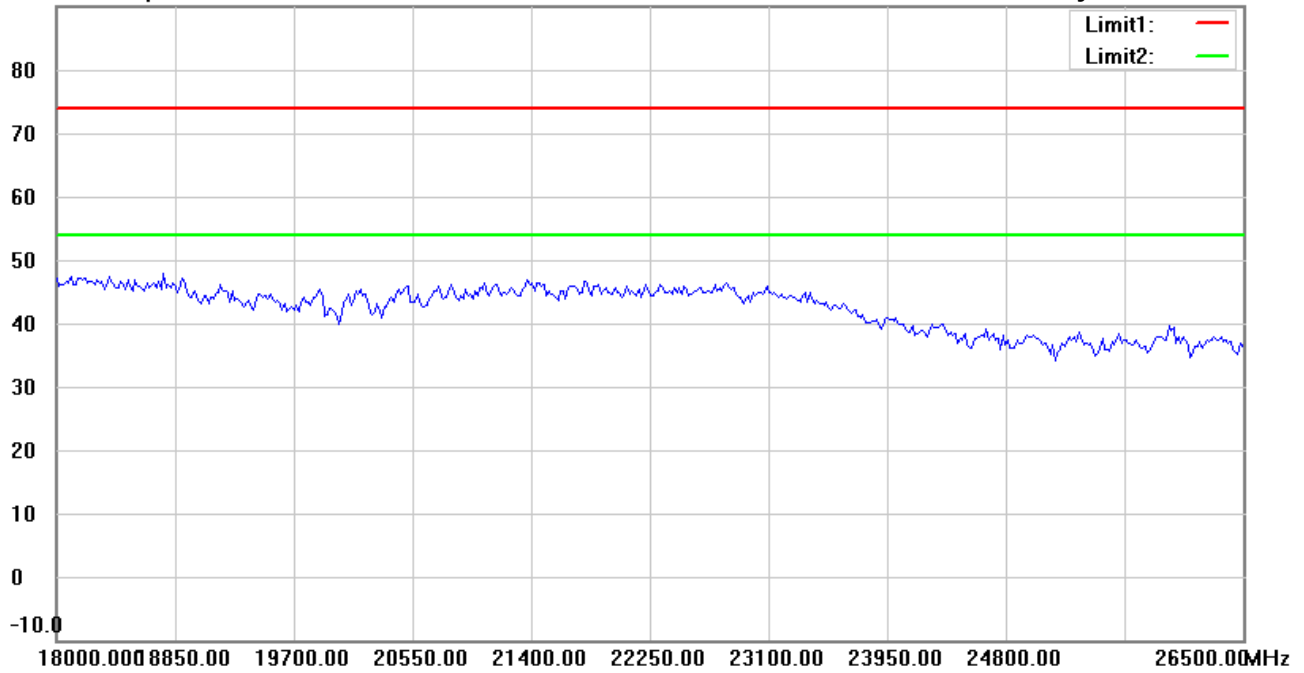
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:42:21 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#10

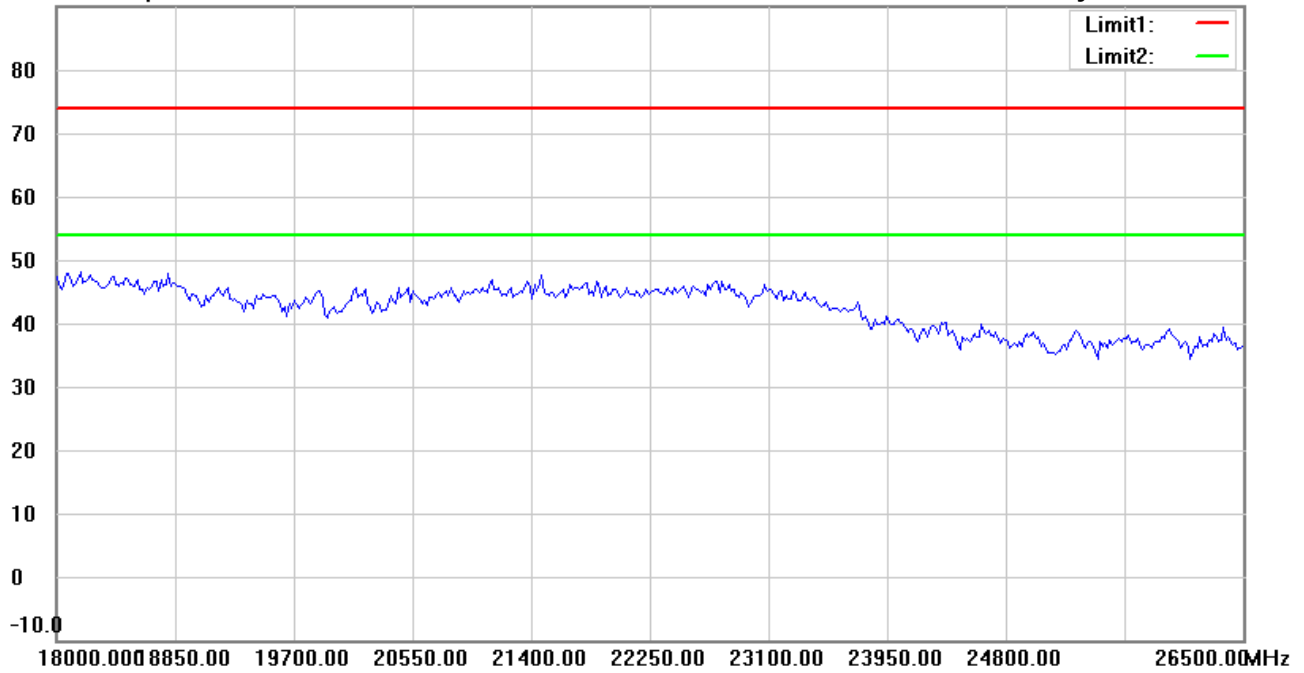
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:45:46 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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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 Tel:+886-2-6606-8877  
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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

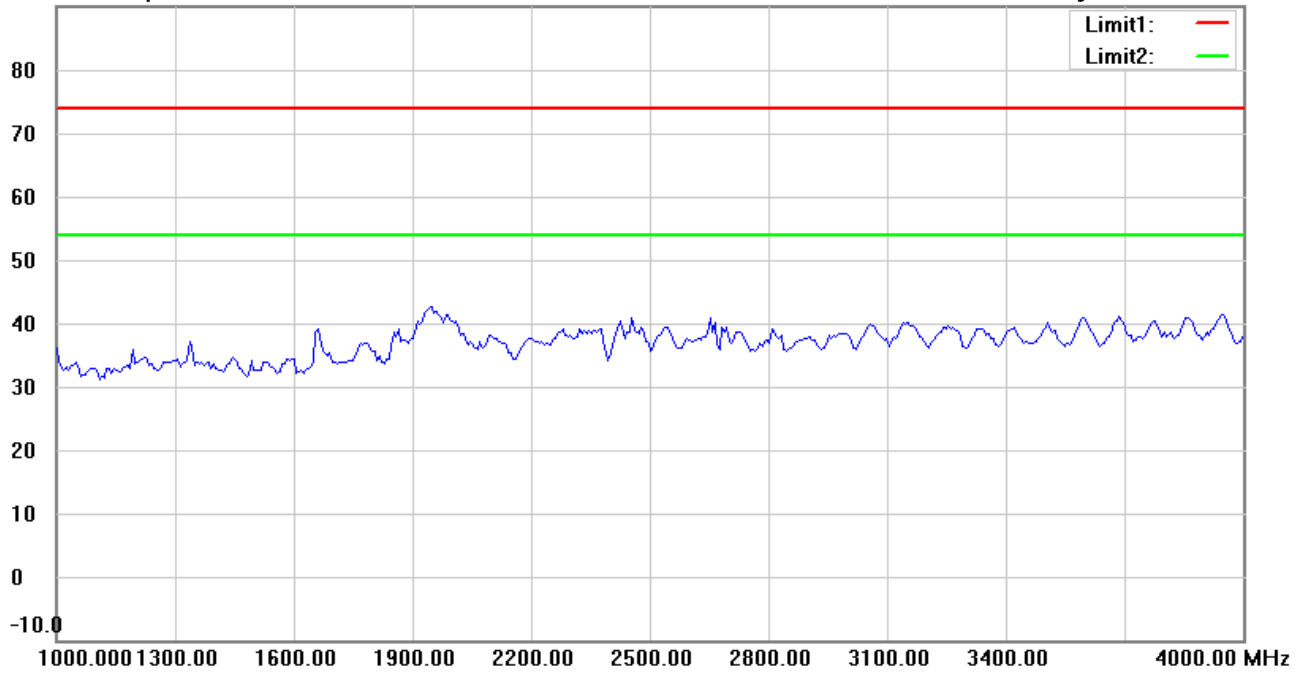
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:52:56 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#6

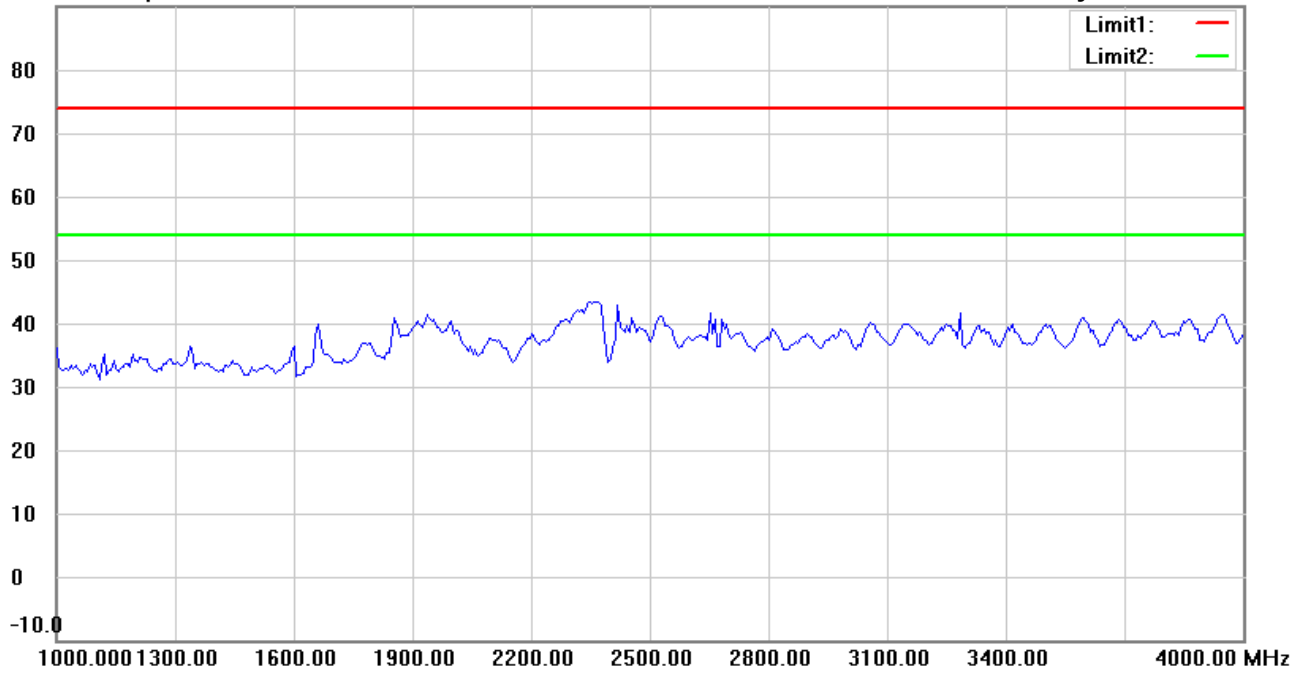
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:56:27 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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





Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

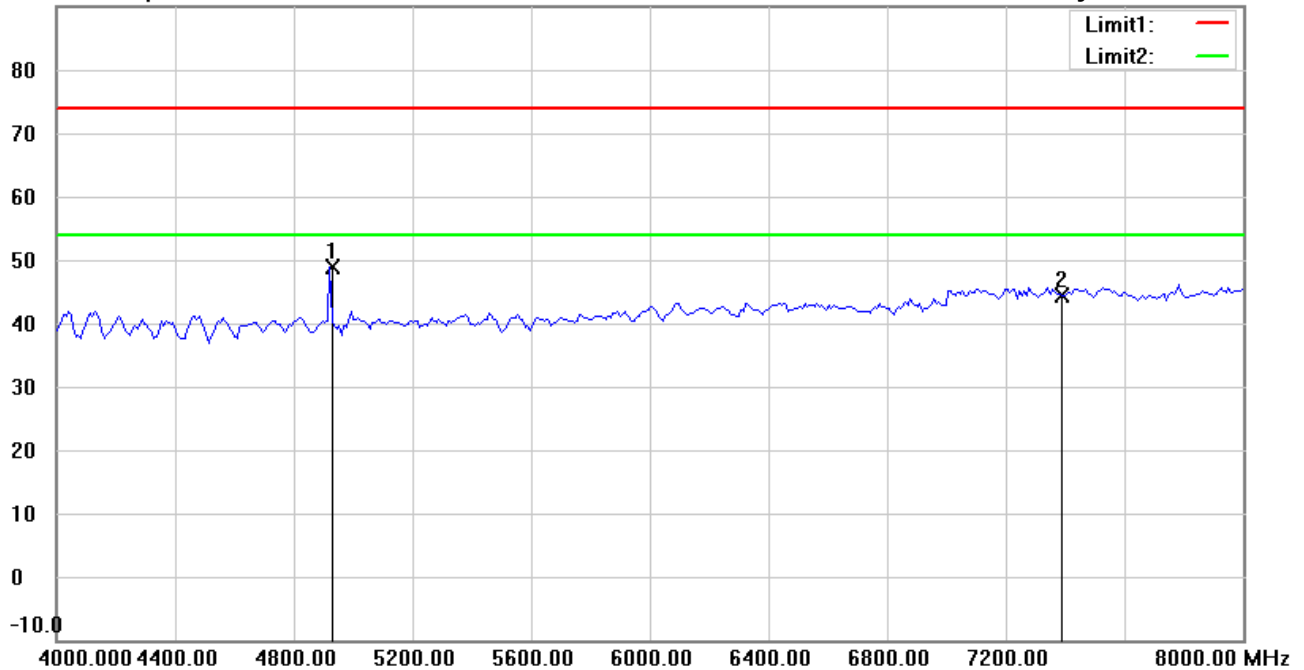
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:53:56 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Horizontal**

EUT : W6R22002-19655

Power : 3.3 Vd.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	50.45	peak	-1.52	48.93	74.00	150	270	-25.07	
	7386.000	40.71	peak	3.72	44.43	74.00	150	63	-29.57	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

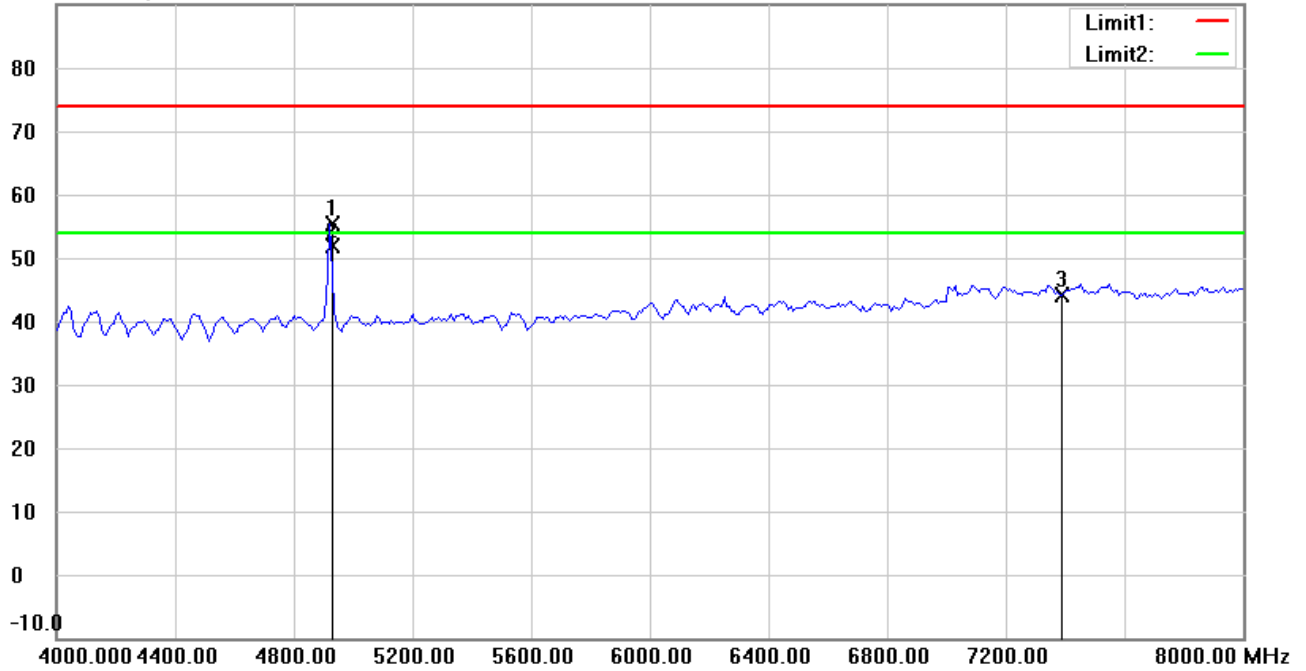
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:57:27 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	56.94	peak	-1.52	55.42	74.00	156	173	-18.58	
*	4921.844	53.32	AVG	-1.52	51.80	54.00	156	173	-2.20	
	7386.000	40.37	peak	3.72	44.09	74.00	150	92	-29.91	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

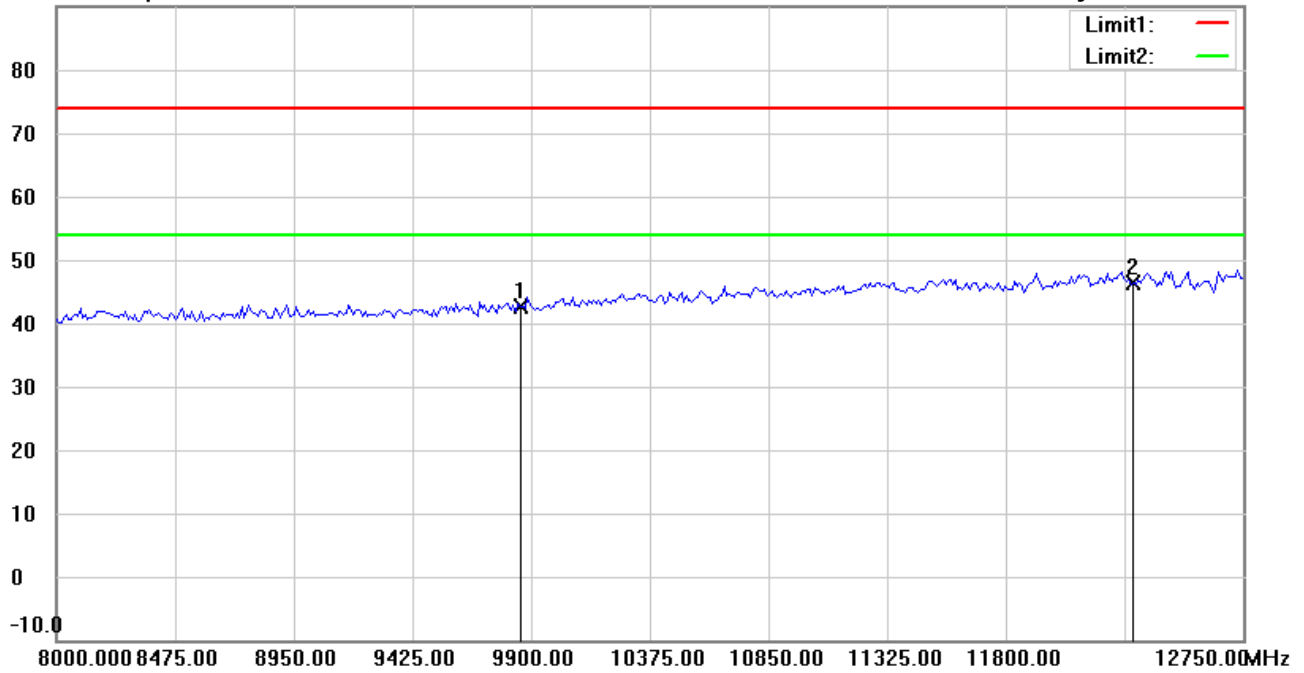
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:55:03 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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	35.72	peak	6.96	42.68	74.00	150	78	-31.32	
*	12310.000	34.25	peak	12.18	46.43	74.00	150	163	-27.57	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

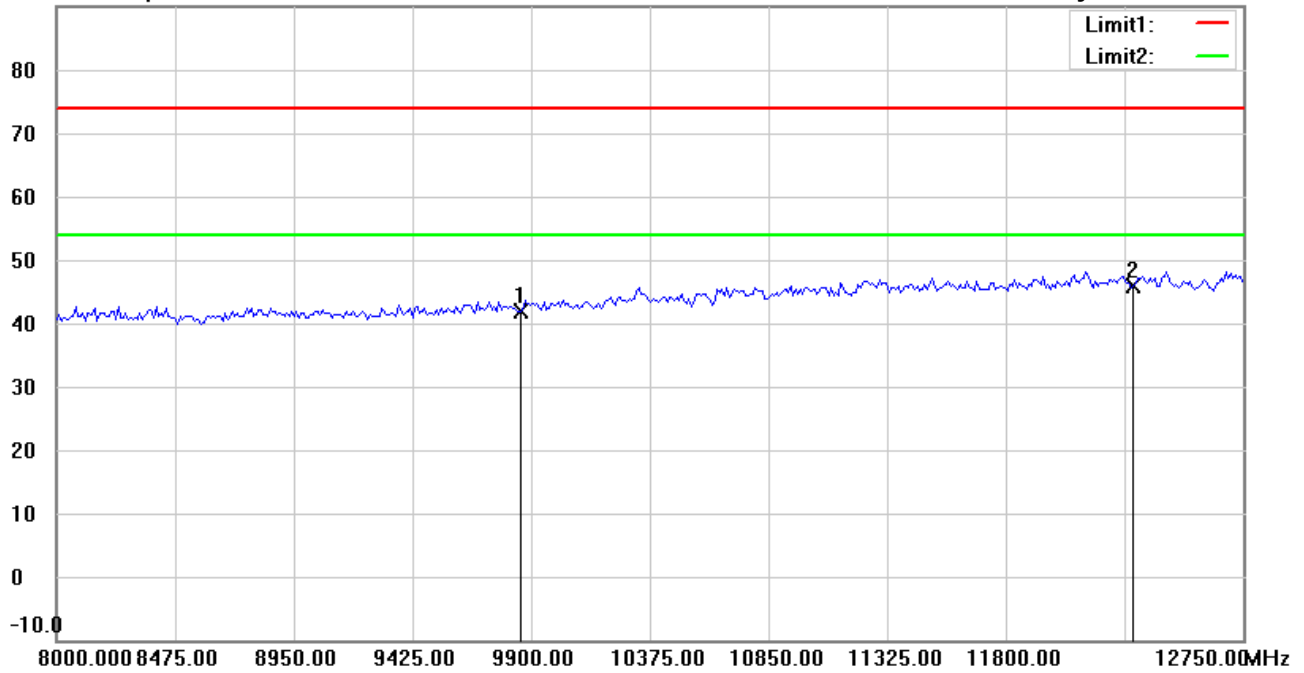
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:58:27 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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	34.91	peak	6.96	41.87	74.00	150	57	-32.13	
*	12310.000	33.59	peak	12.18	45.77	74.00	150	235	-28.23	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

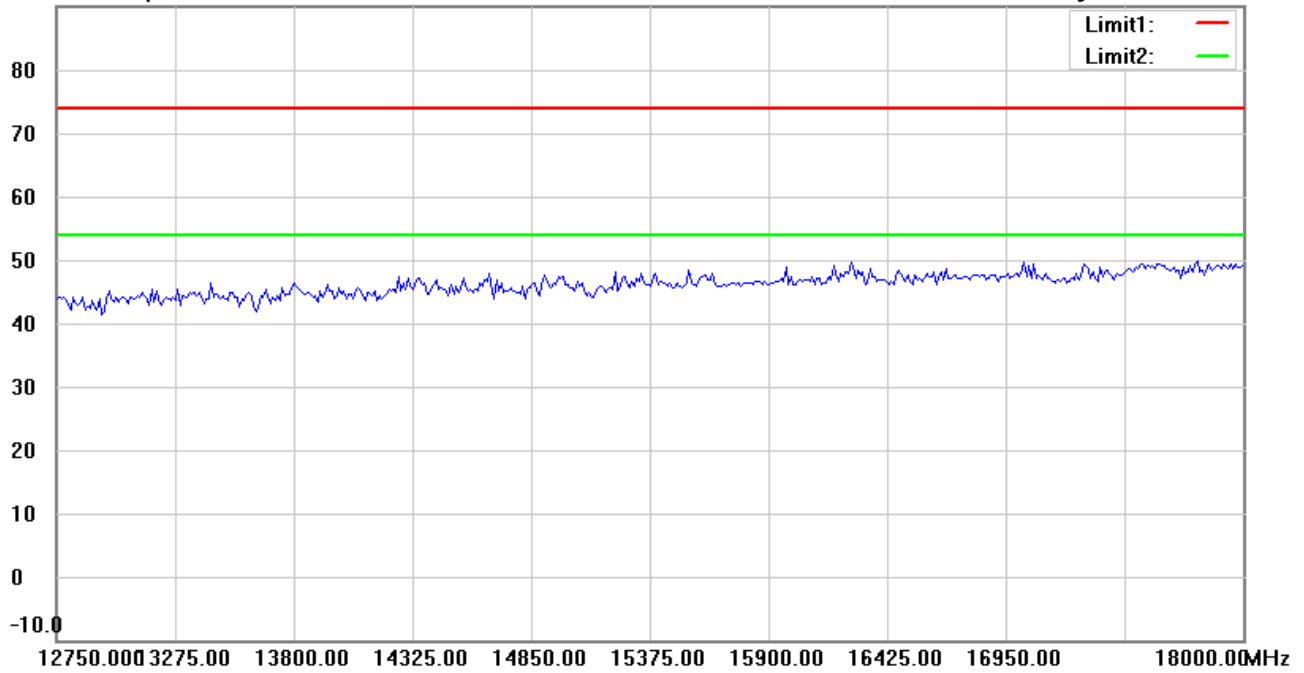
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:55:17 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#9

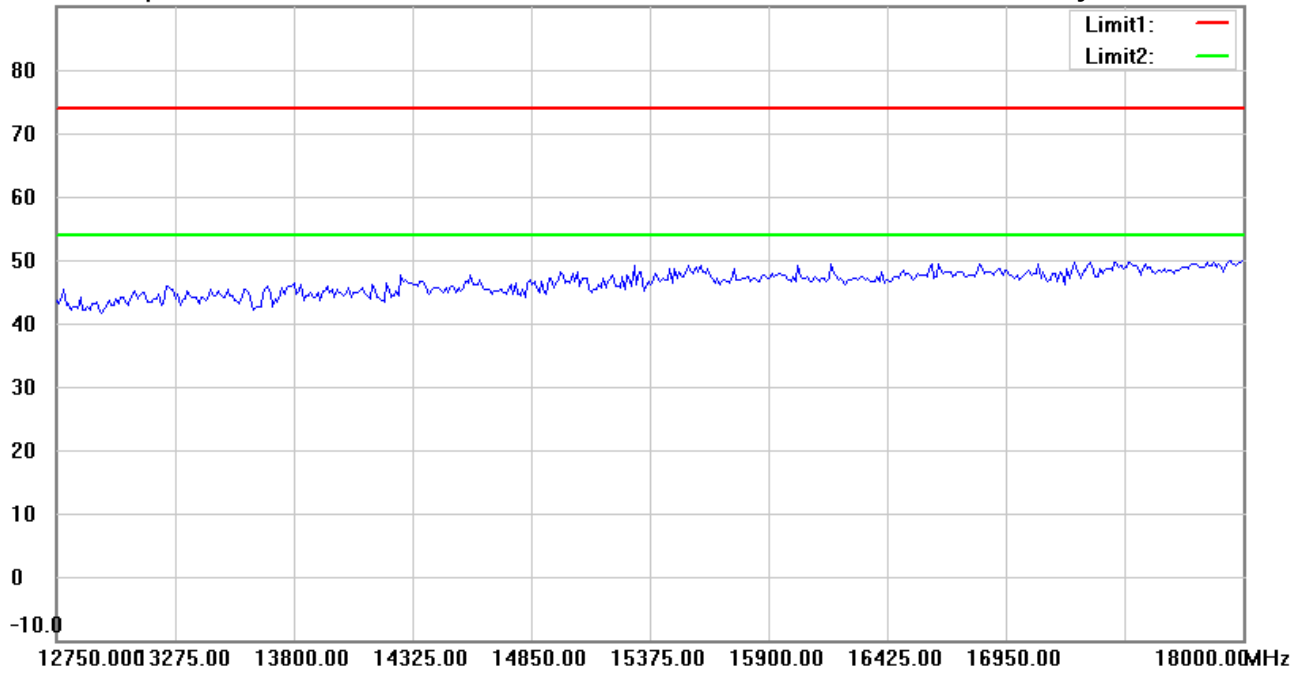
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:58:41 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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: Leon

File :3

Data :#5

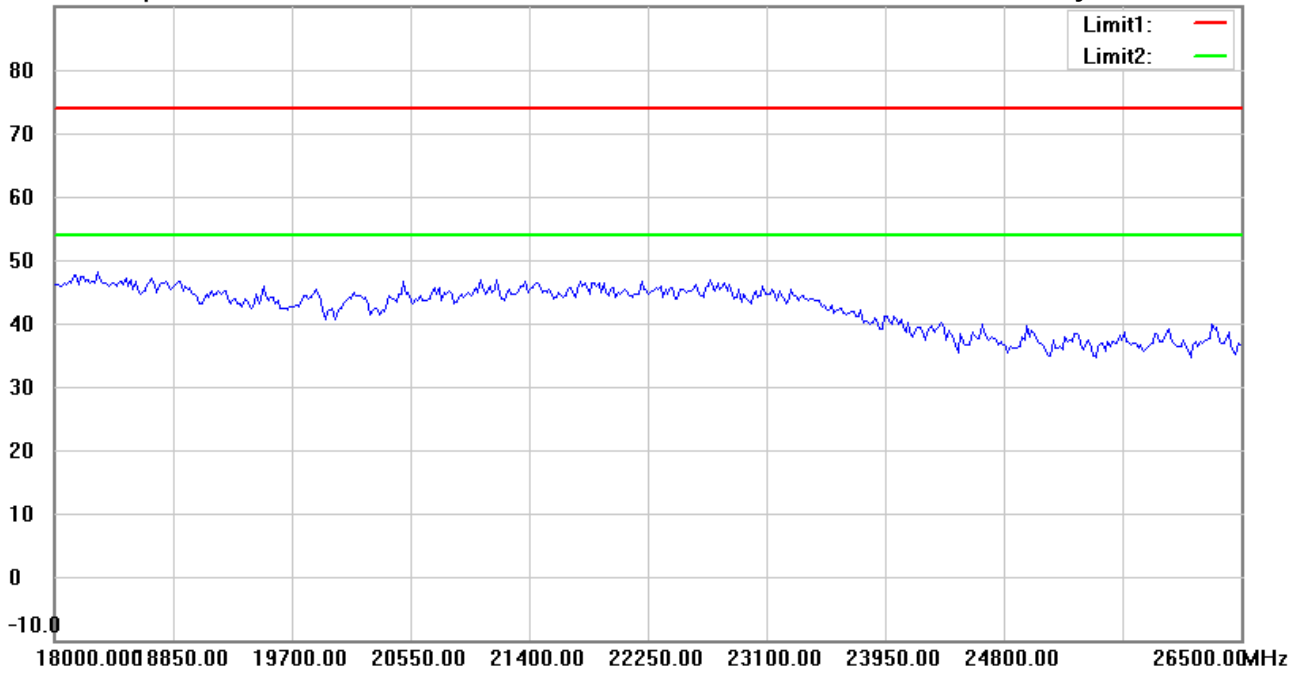
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:55:26 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

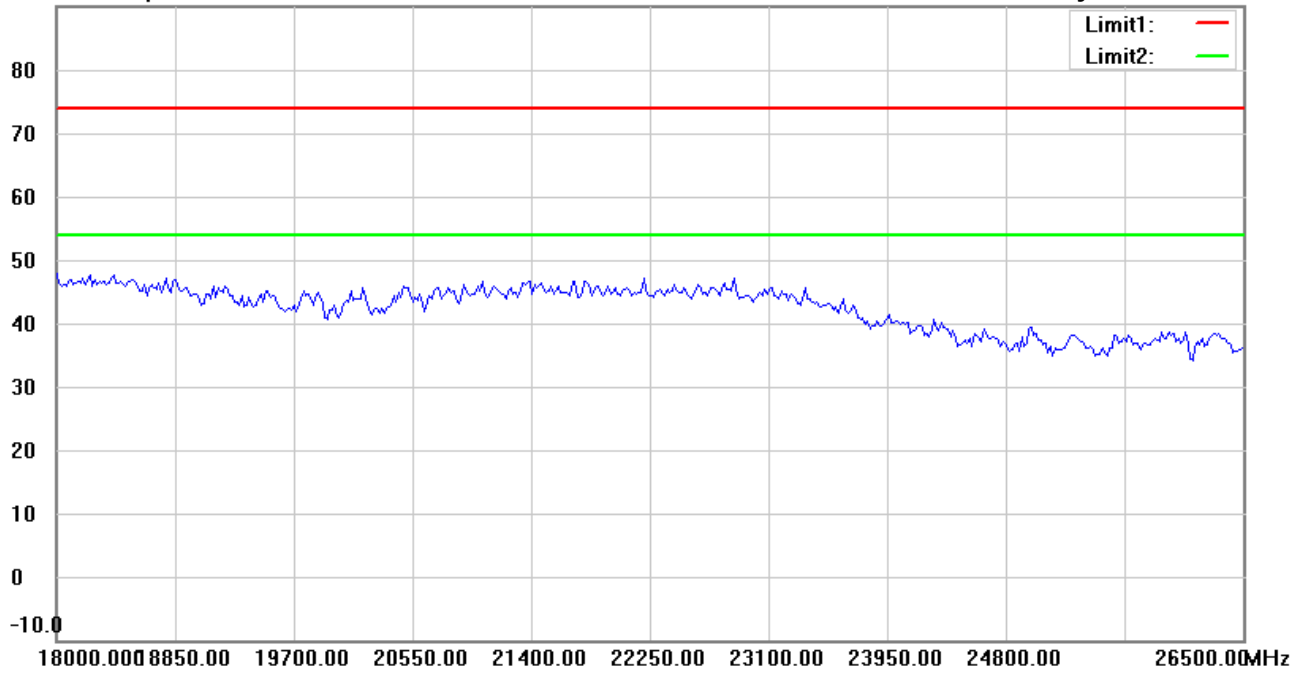
Date: 2/28/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:58:51 PM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.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





Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

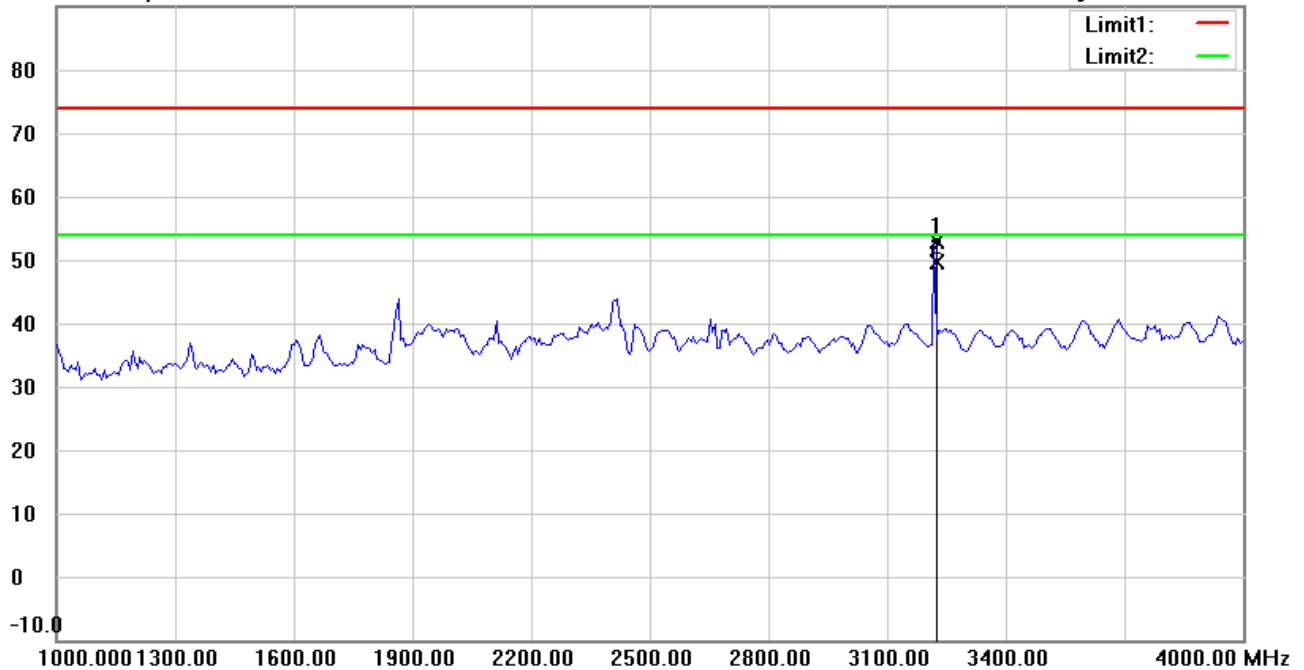
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:47:21 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	3218.437	56.36	peak	-3.56	52.80	74.00	157	96	-21.20	
*	3218.437	53.27	AVG	-3.56	49.71	54.00	157	96	-4.29	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

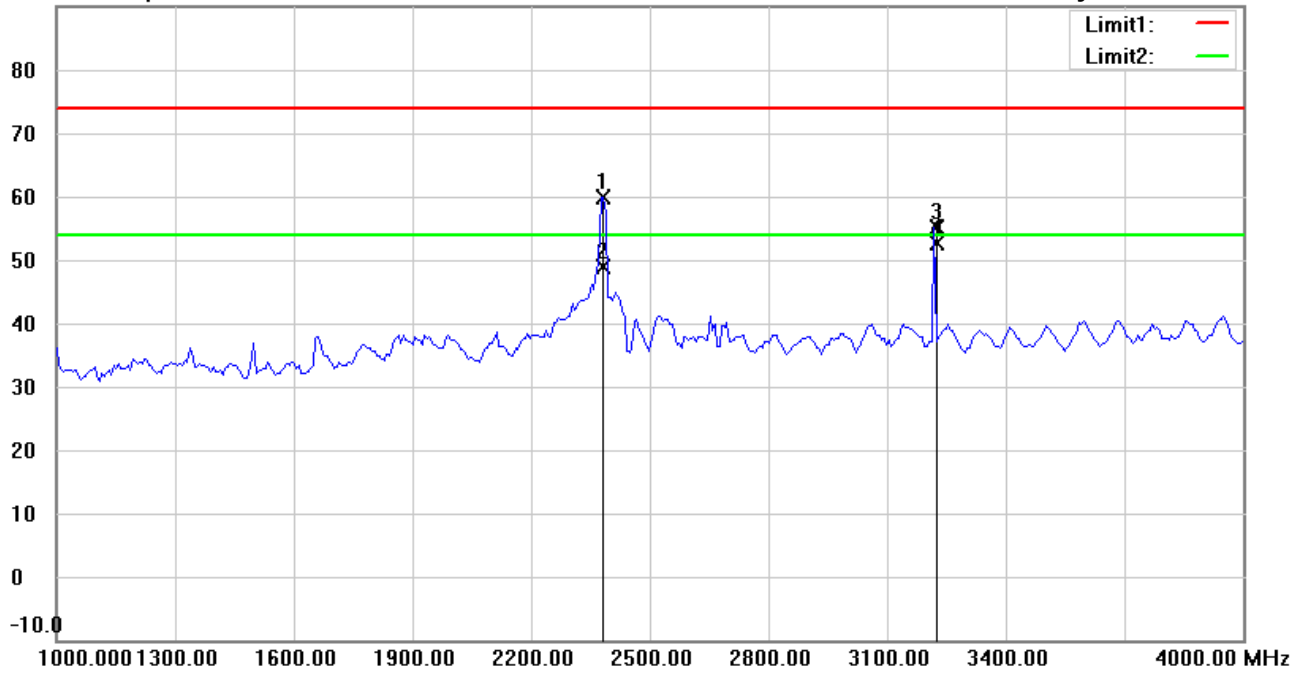
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:50:55 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2382.765	65.60	peak	-5.81	59.79	74.00	155	185	-14.21	
	2382.765	54.76	AVG	-5.81	48.95	54.00	155	185	-5.05	
	3218.437	58.76	peak	-3.56	55.20	74.00	165	249	-18.80	
*	3218.437	56.12	AVG	-3.56	52.56	54.00	165	249	-1.44	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

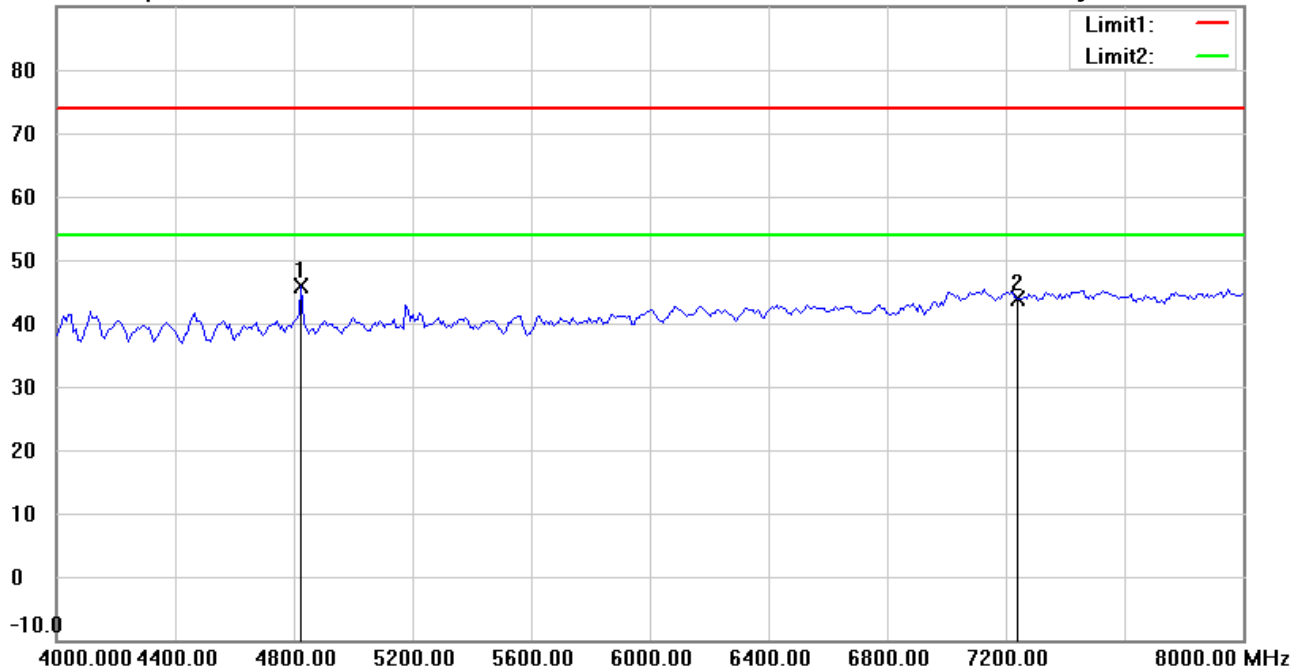
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:48:22 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4825.651	47.67	peak	-1.87	45.80	74.00	150	31	-28.20	
	7236.000	40.53	peak	3.28	43.81	74.00	150	296	-30.19	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

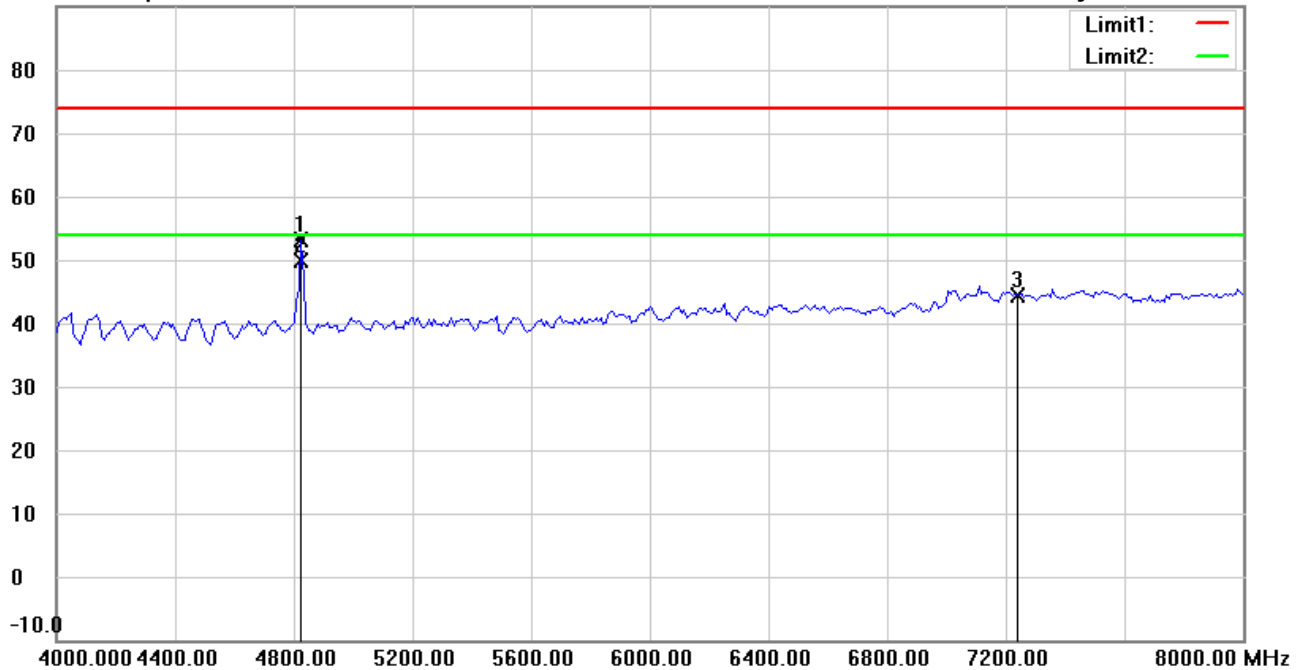
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:51:57 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11n20 CH1

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4825.651	54.90	peak	-1.87	53.03	74.00	152	172	-20.97	
*	4825.651	51.66	AVG	-1.87	49.79	54.00	152	172	-4.21	
	7236.000	41.01	peak	3.28	44.29	74.00	150	95	-29.71	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

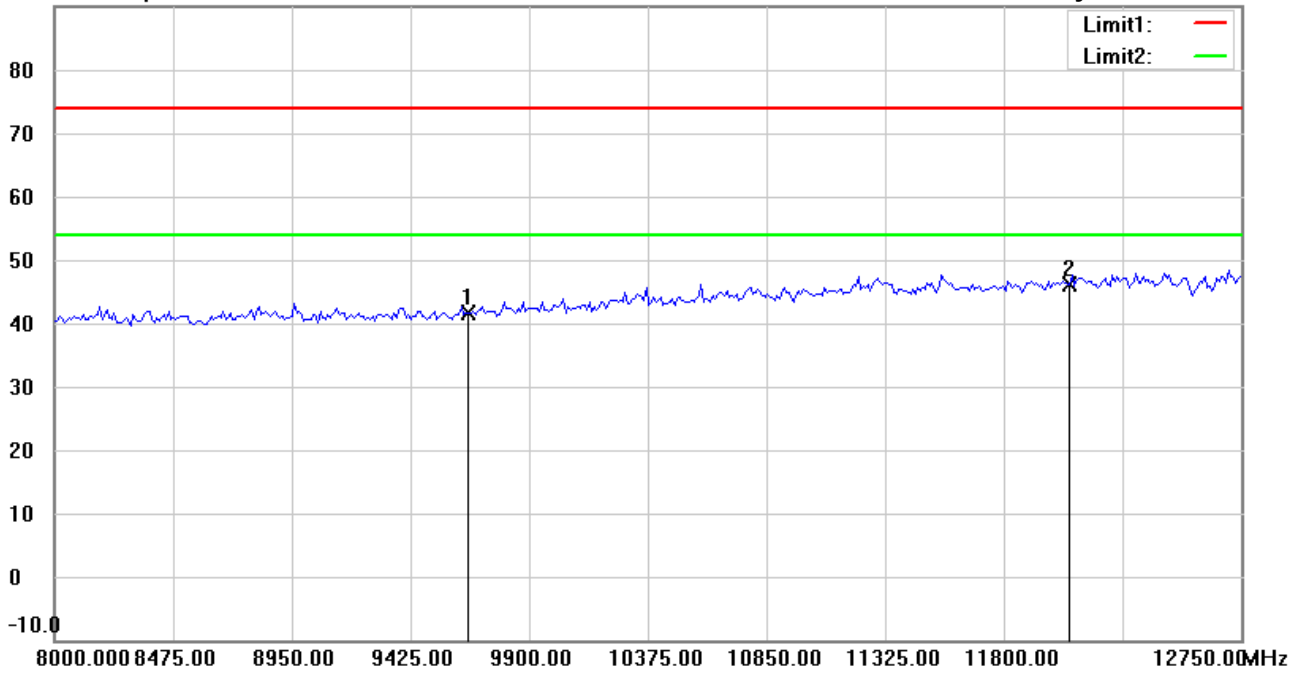
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:49:30 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Horizontal**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9648.000	35.04	peak	6.60	41.64	74.00	150	43	-32.36	
*	12060.000	33.82	peak	12.21	46.03	74.00	150	221	-27.97	

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

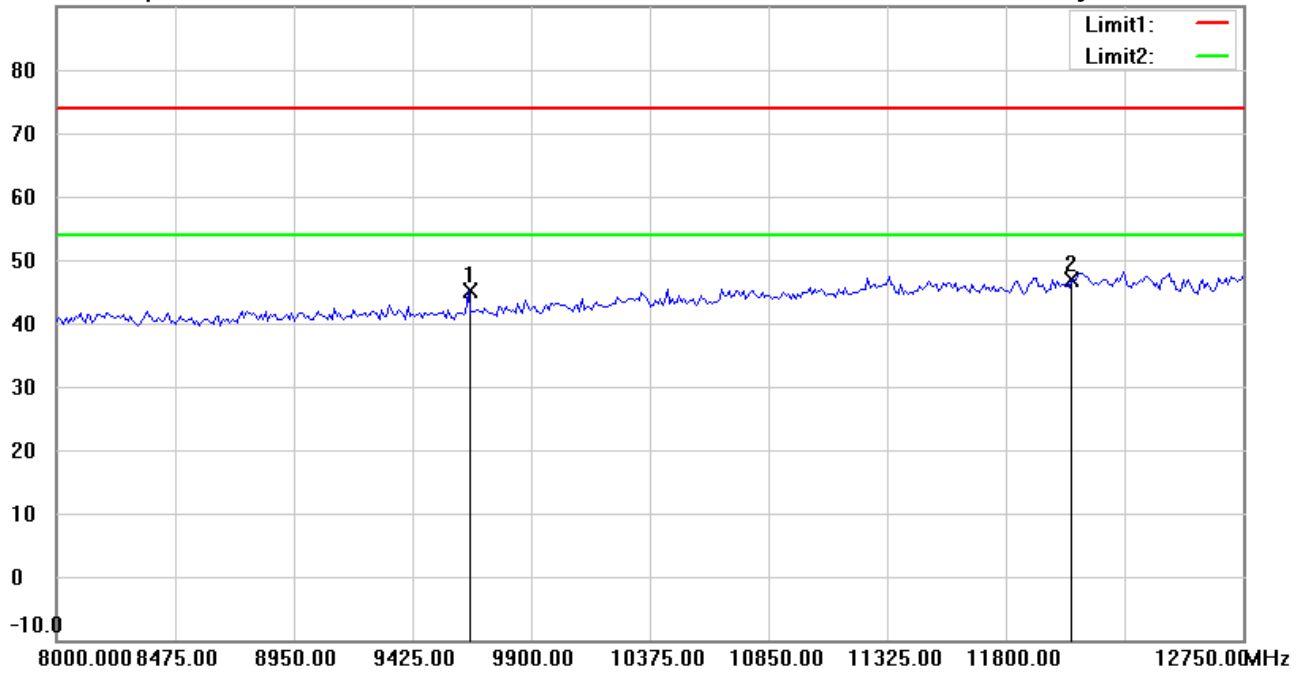
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:52:57 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9646.794	38.59	peak	6.60	45.19	74.00	150	257	-28.81	
*	12060.000	34.63	peak	12.21	46.84	74.00	150	191	-27.16	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

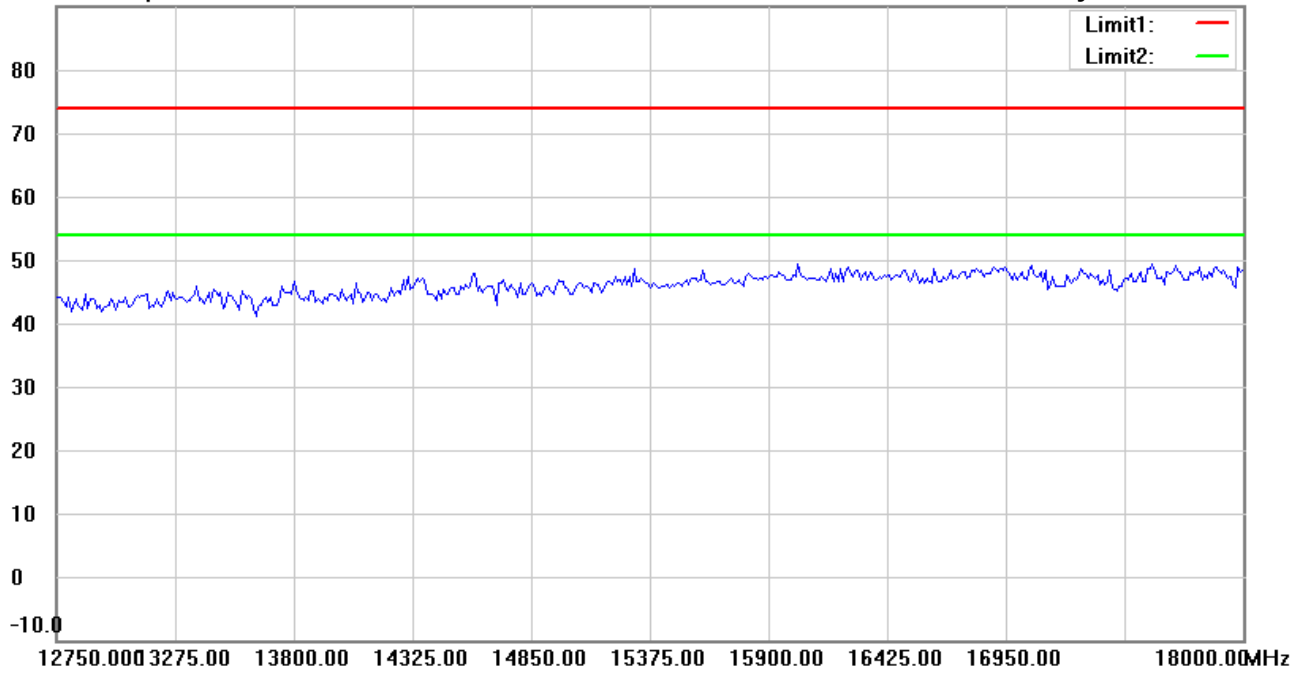
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:49:44 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH1

Note :

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



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**Radiated Emission Measurement**

Operator: Leon

File :3

Data :#9

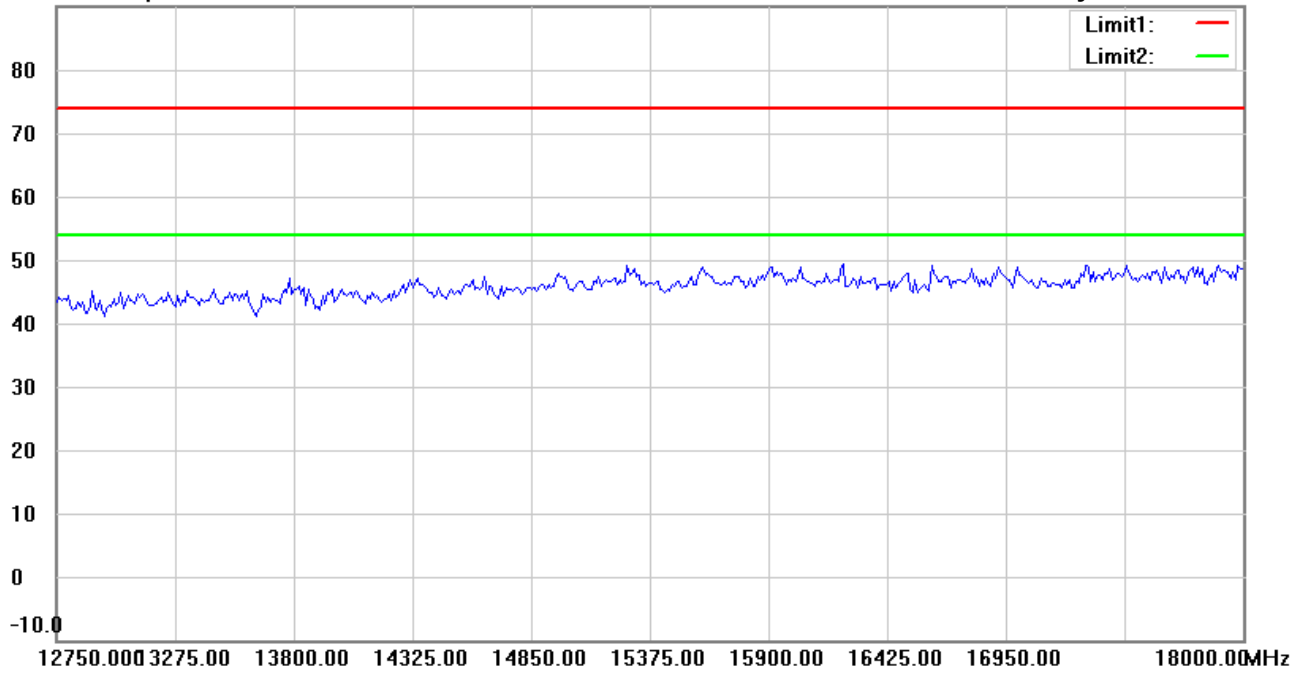
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:53:11 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH1

Note :

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

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





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

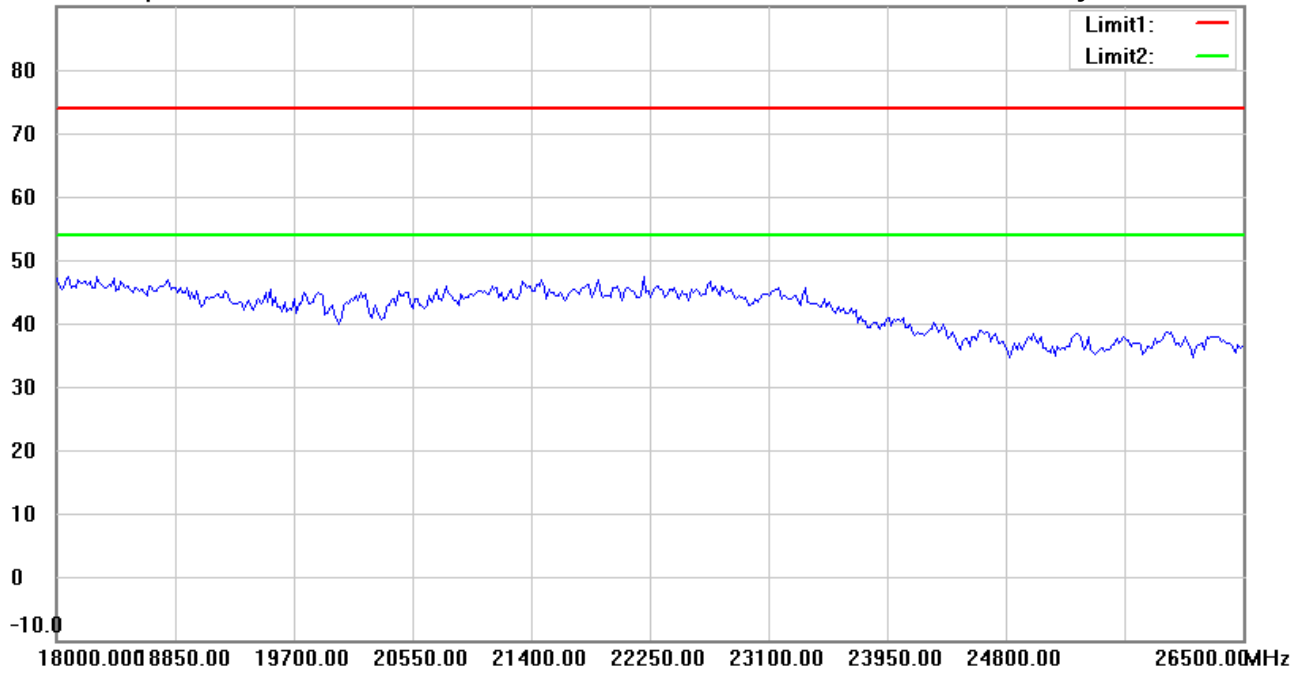
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:49:55 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH1

Note :

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



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**Radiated Emission Measurement**

Operator: Leon

File :3

Data :#10

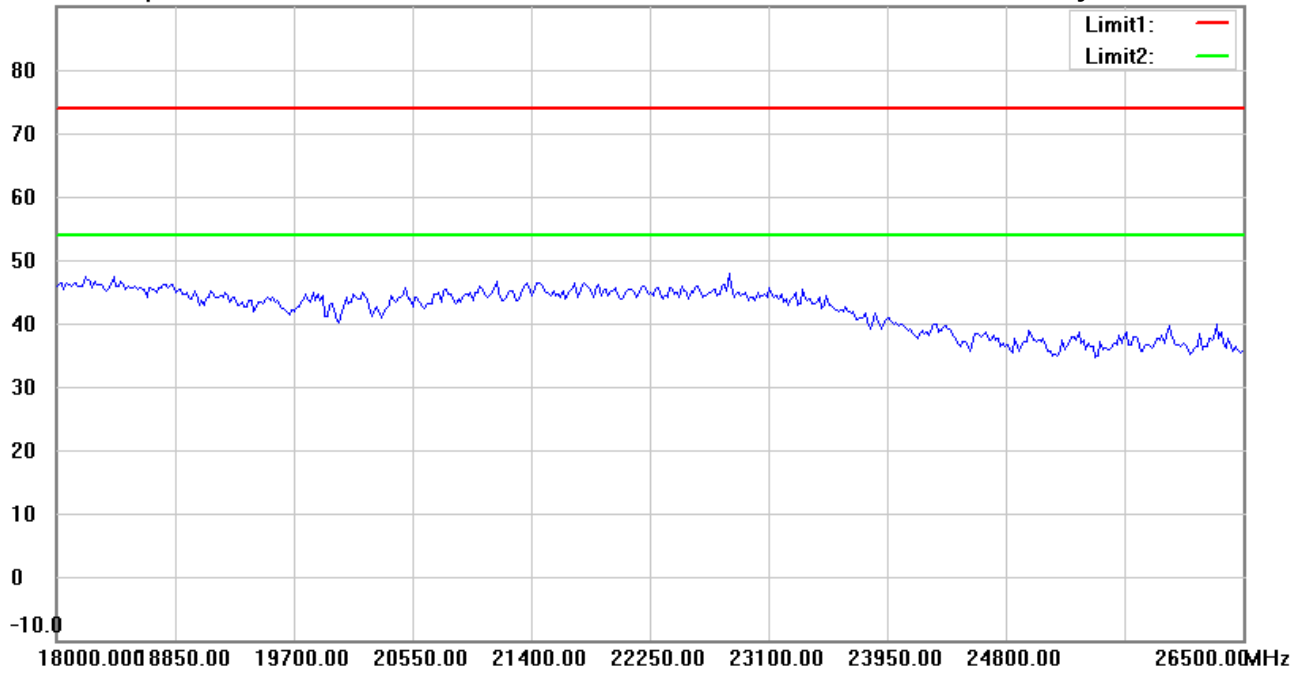
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 7:53:22 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH1

Note :

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



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**Radiated Emission Measurement**

Operator: Leon

File :3

Data :#1

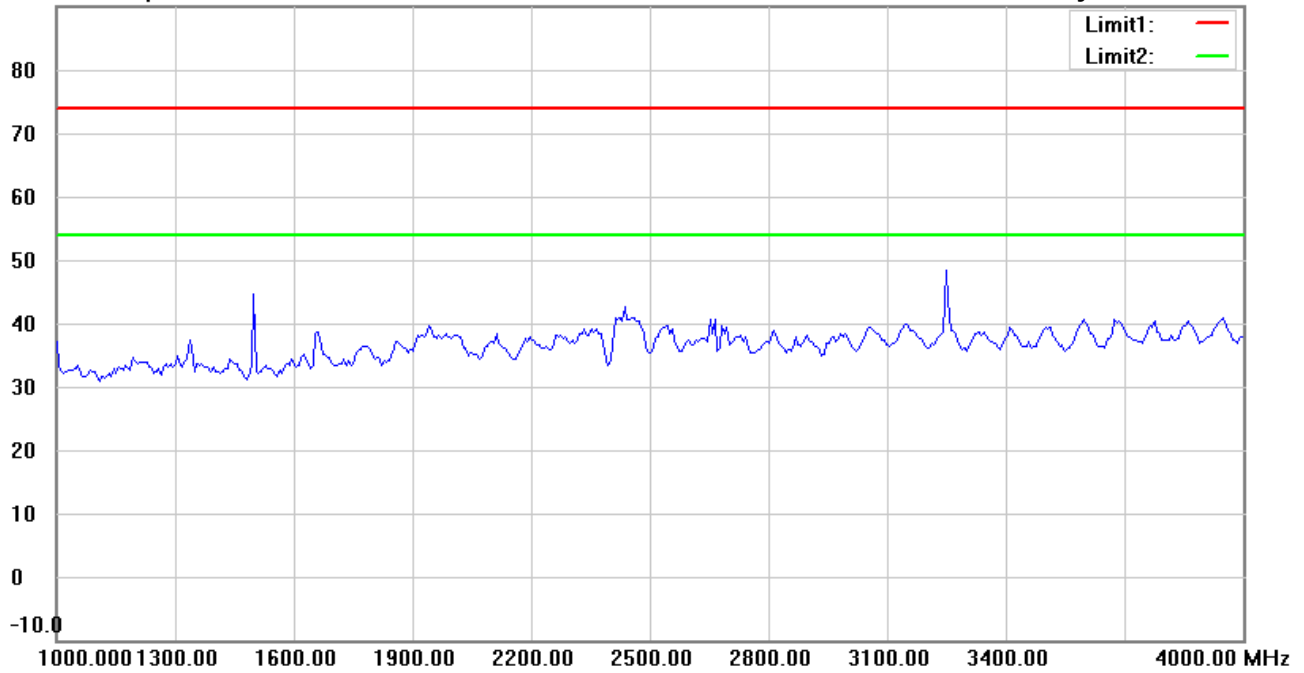
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:09:19 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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: Leon

File :3

Data :#6

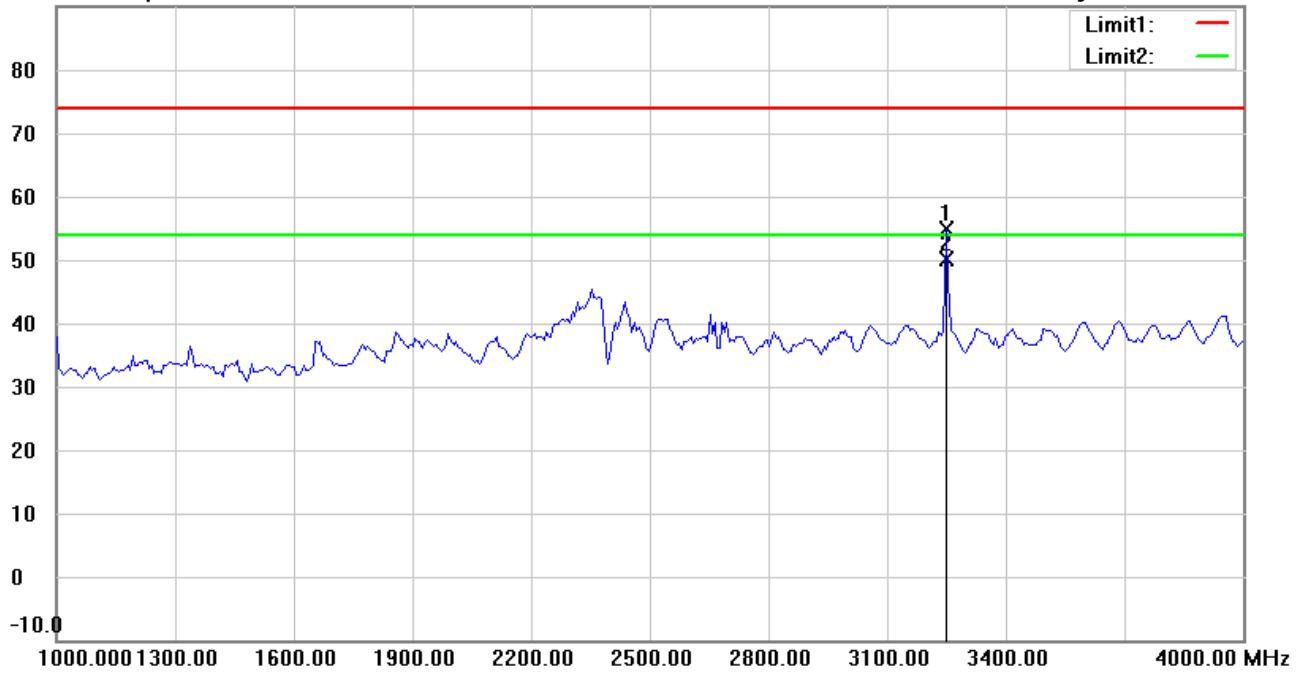
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:12:50 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Vertical*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	3248.497	58.43	peak	-3.66	54.77	74.00	163	96	-19.23	
*	3248.497	53.89	AVG	-3.66	50.23	54.00	163	96	-3.77	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

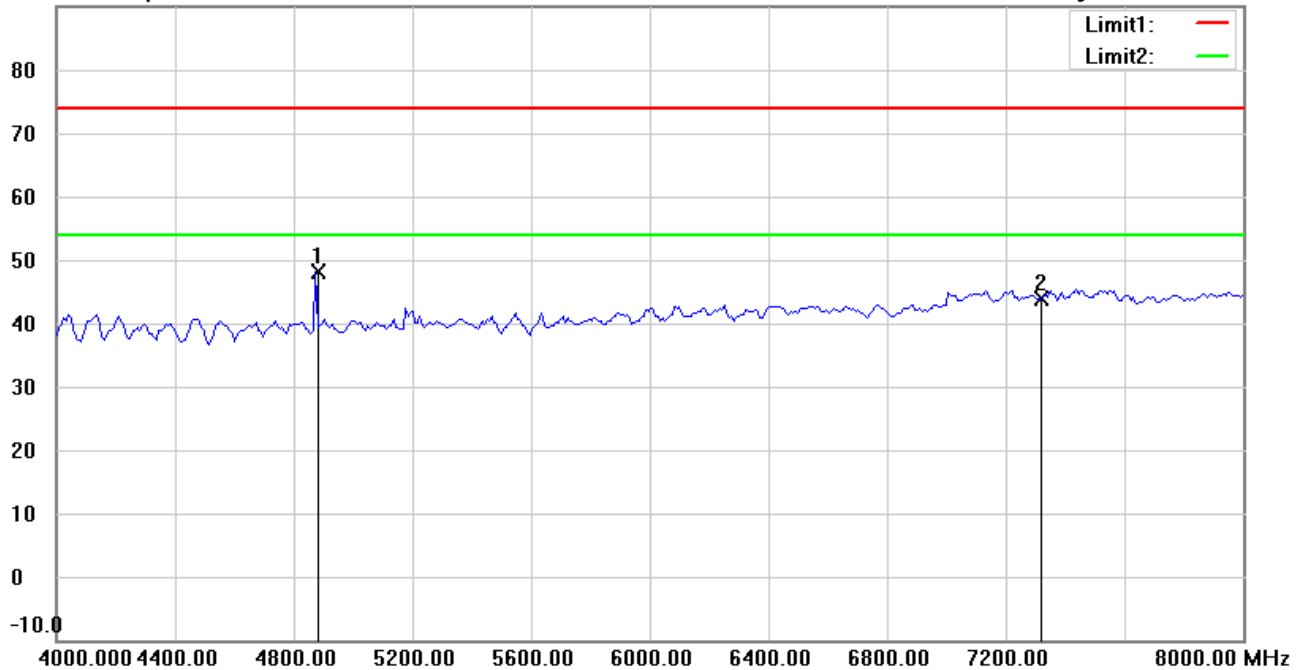
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:10:20 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	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	49.86	peak	-1.70	48.16	74.00	150	217	-25.84	
	7311.000	40.37	peak	3.42	43.79	74.00	150	55	-30.21	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

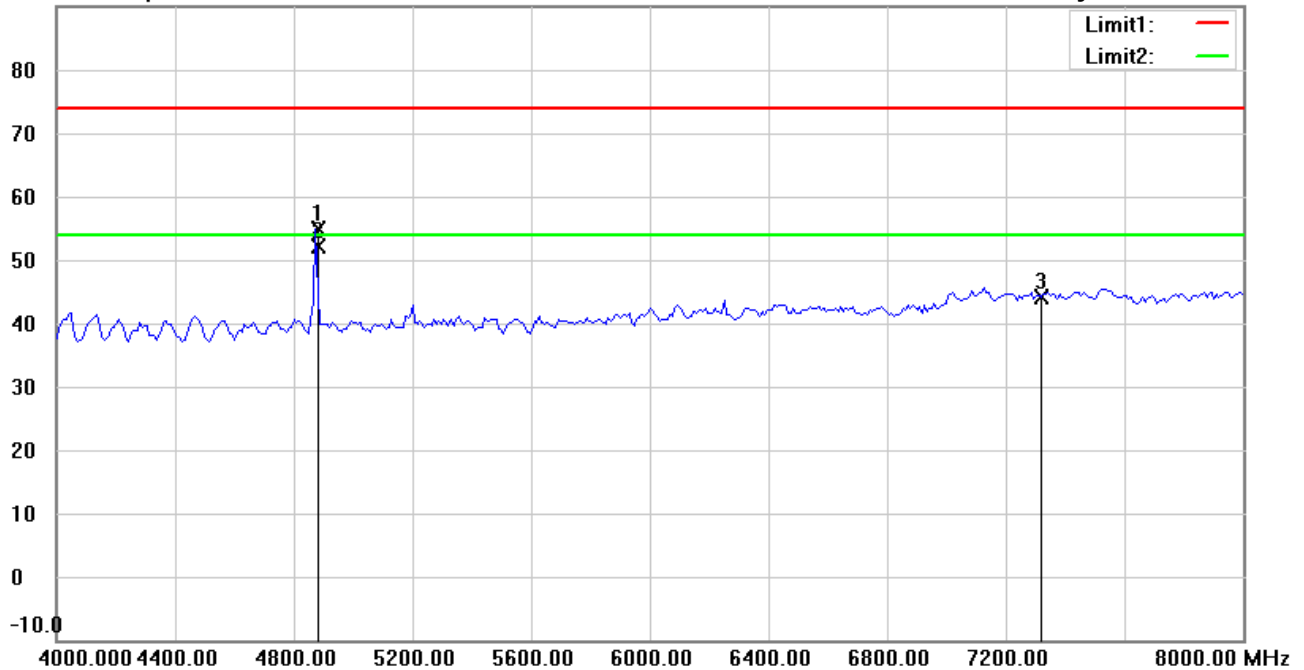
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:13:51 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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	56.51	peak	-1.70	54.81	74.00	155	236	-19.19	
*	4873.748	53.81	AVG	-1.70	52.11	54.00	155	236	-1.89	
	7311.000	40.60	peak	3.42	44.02	74.00	150	170	-29.98	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

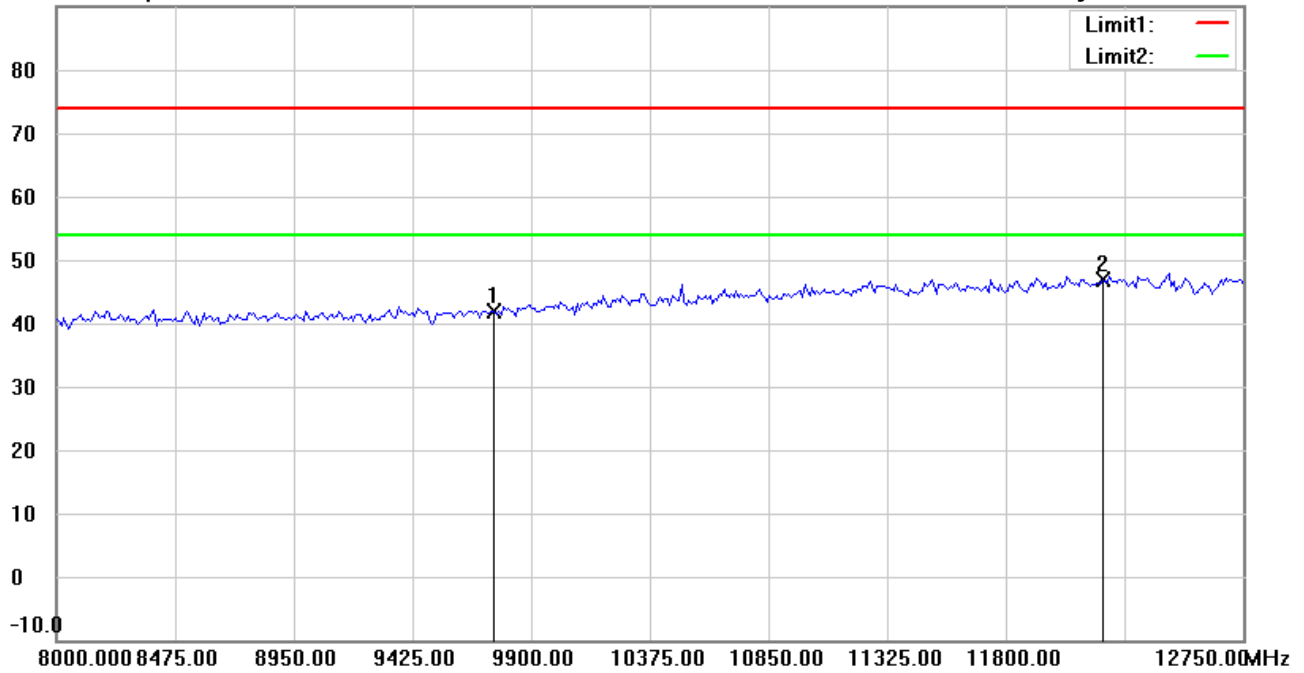
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:11:26 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Horizontal**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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	35.20	peak	6.75	41.95	74.00	150	258	-32.05	
*	12185.000	33.99	peak	12.83	46.82	74.00	150	73	-27.18	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

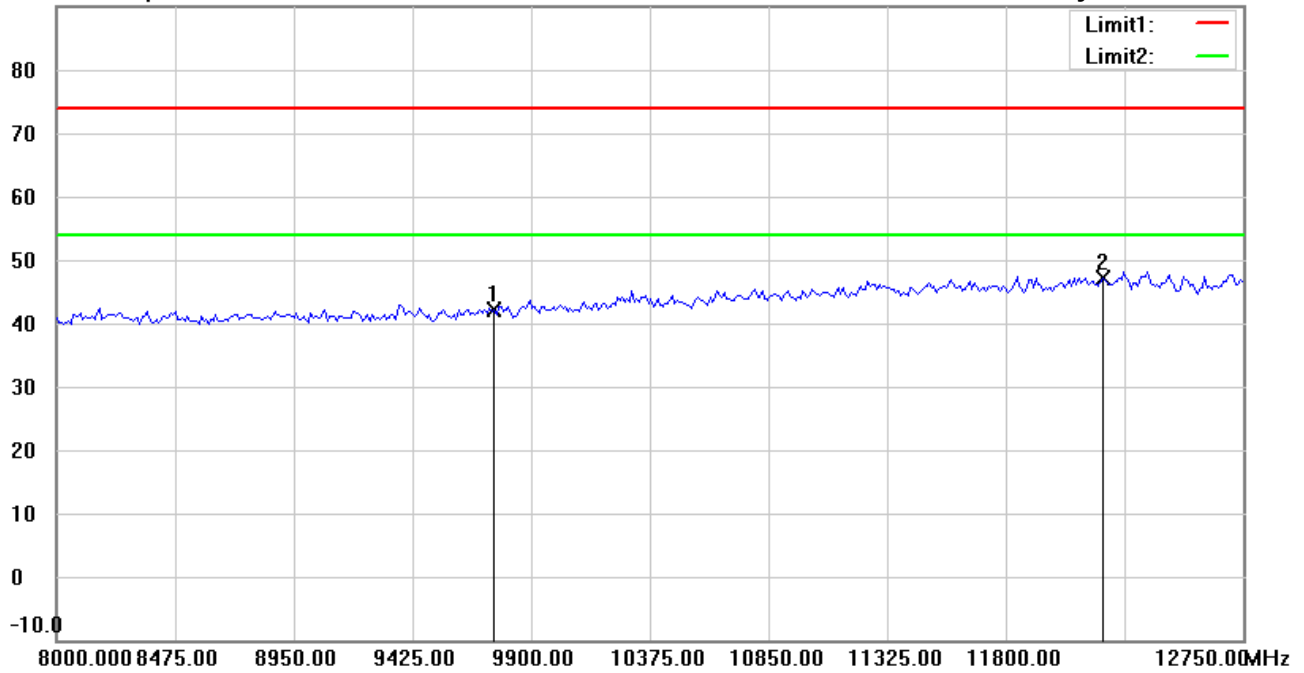
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:14:51 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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	35.37	peak	6.75	42.12	74.00	150	62	-31.88	
*	12185.000	34.18	peak	12.83	47.01	74.00	150	87	-26.99	

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





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

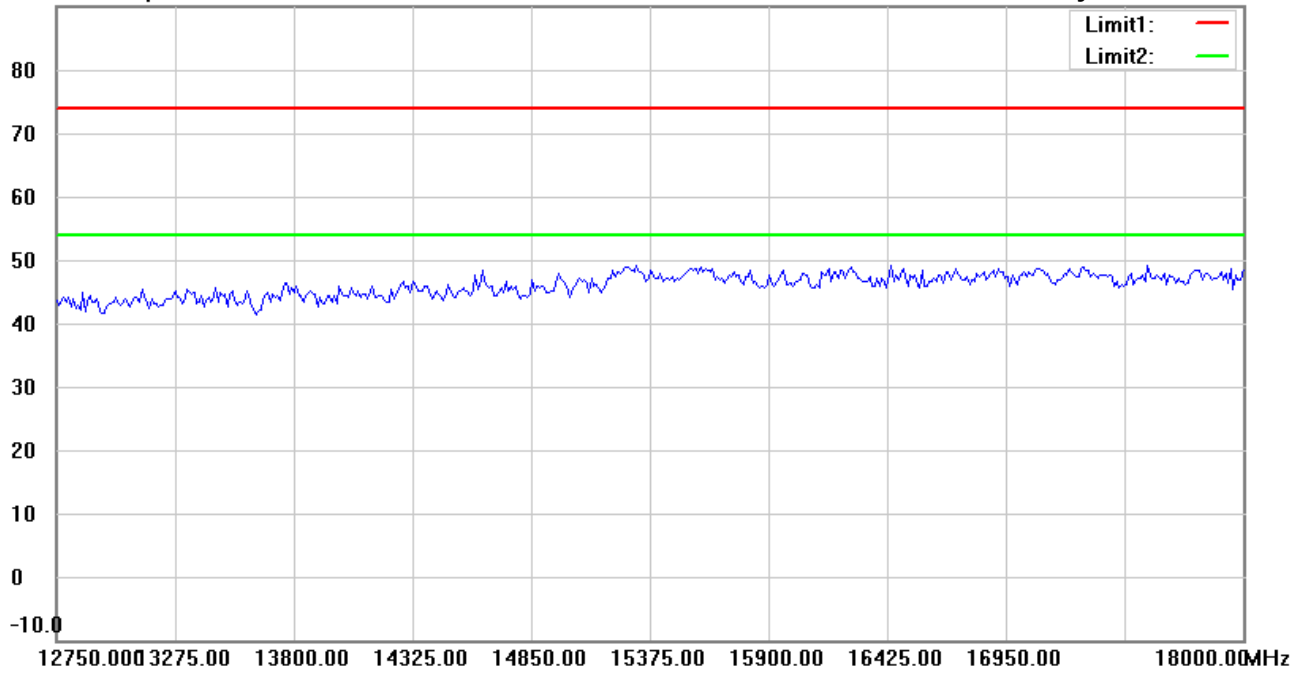
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:11:40 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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: Leon

File :3

Data :#9

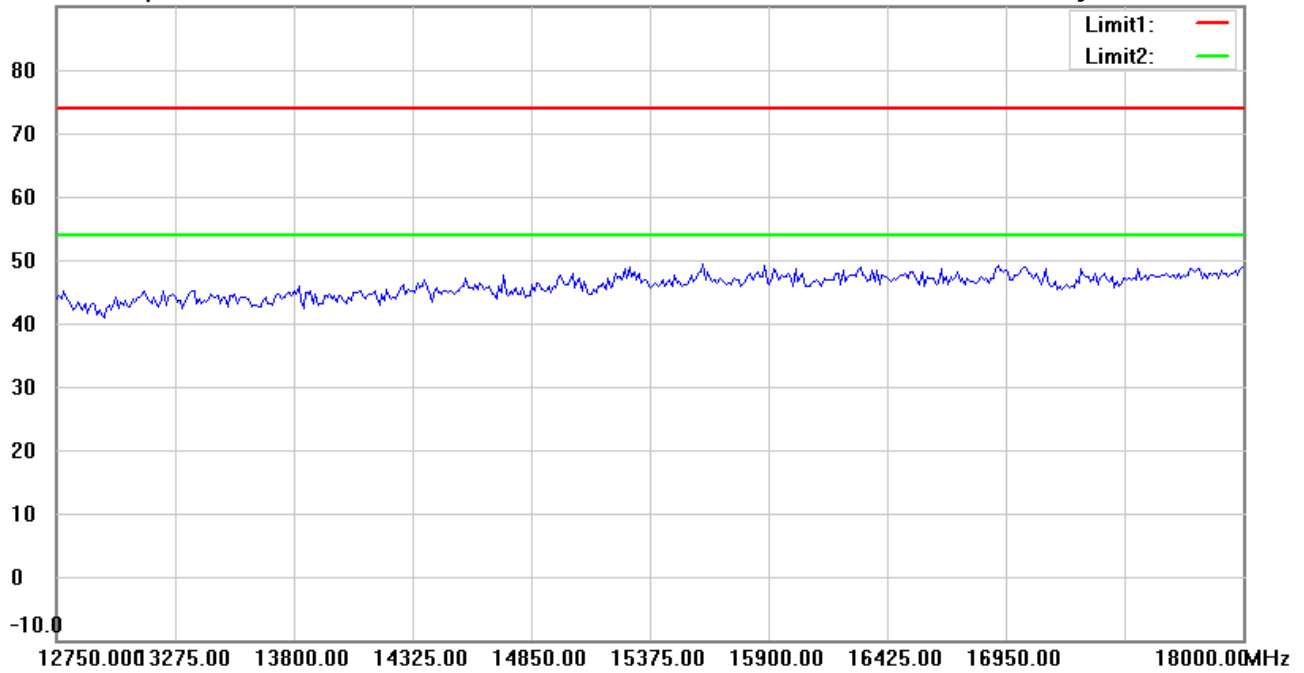
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:15:04 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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: Leon

File :3

Data :#5

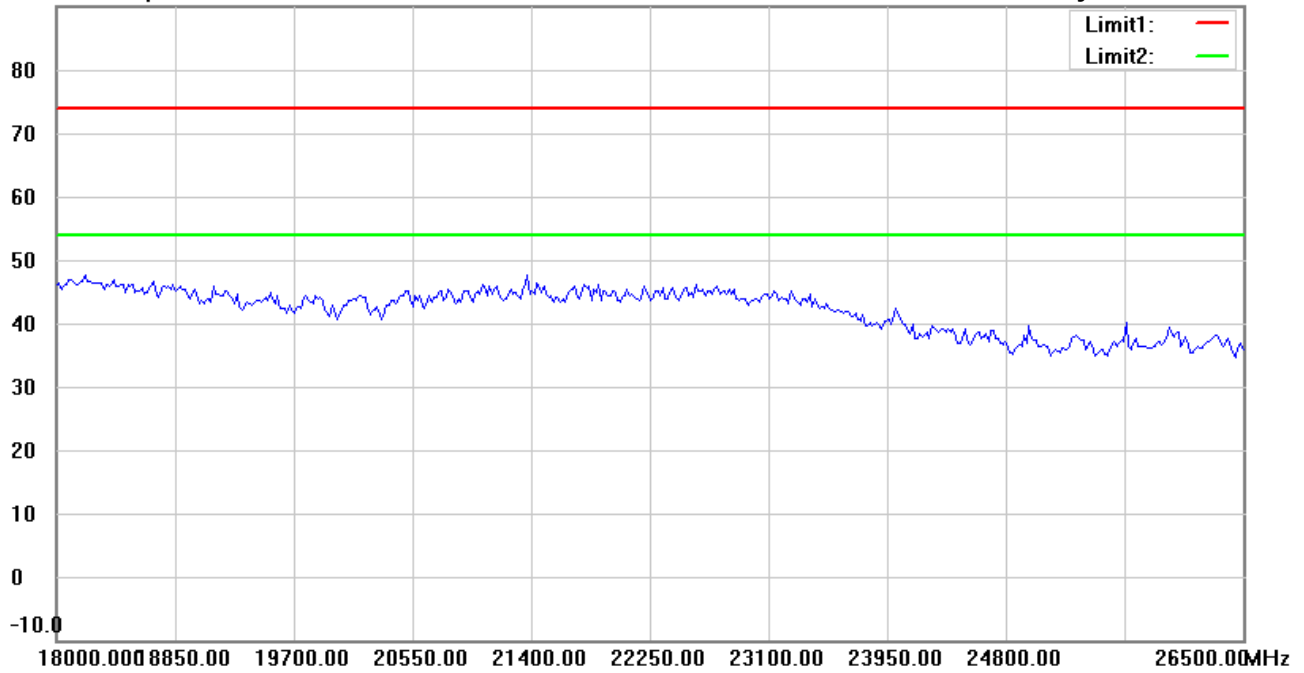
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:11:50 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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: Leon

File :3

Data :#10

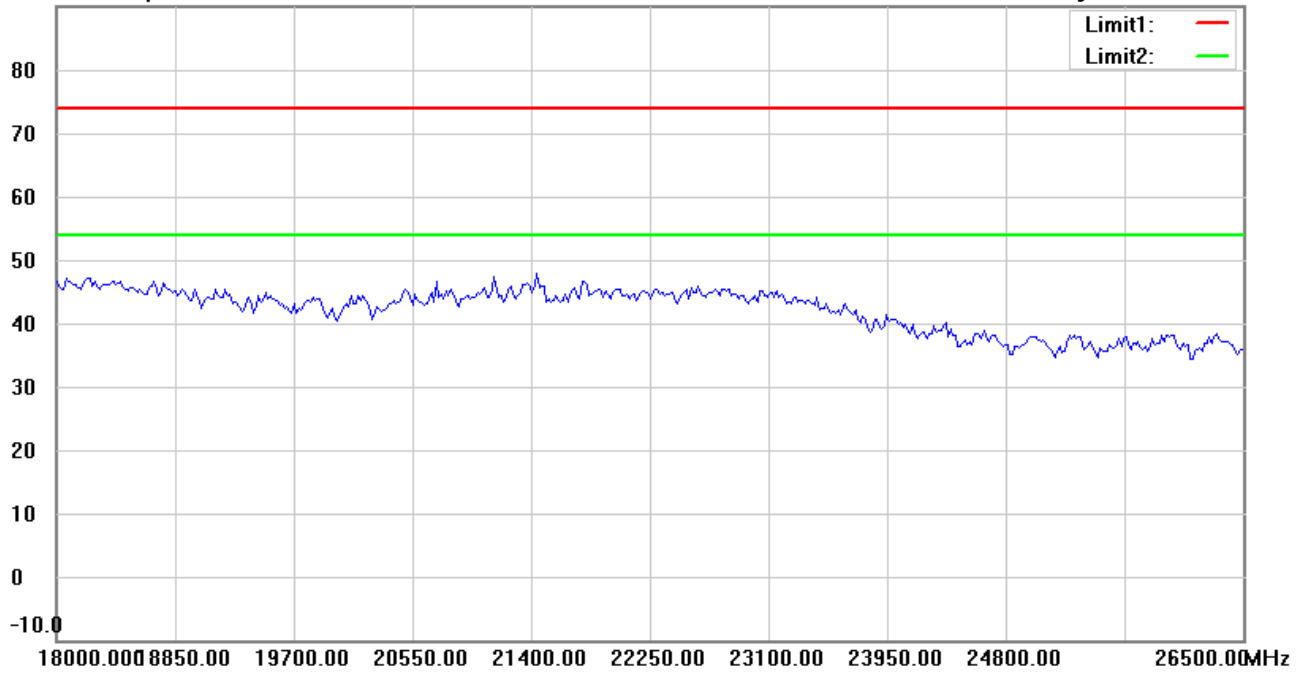
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:15:14 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11n20 CH6

Note :

Polarization: *Vertical*

Power : 3.3 Vd.c.

Distance: 3m

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

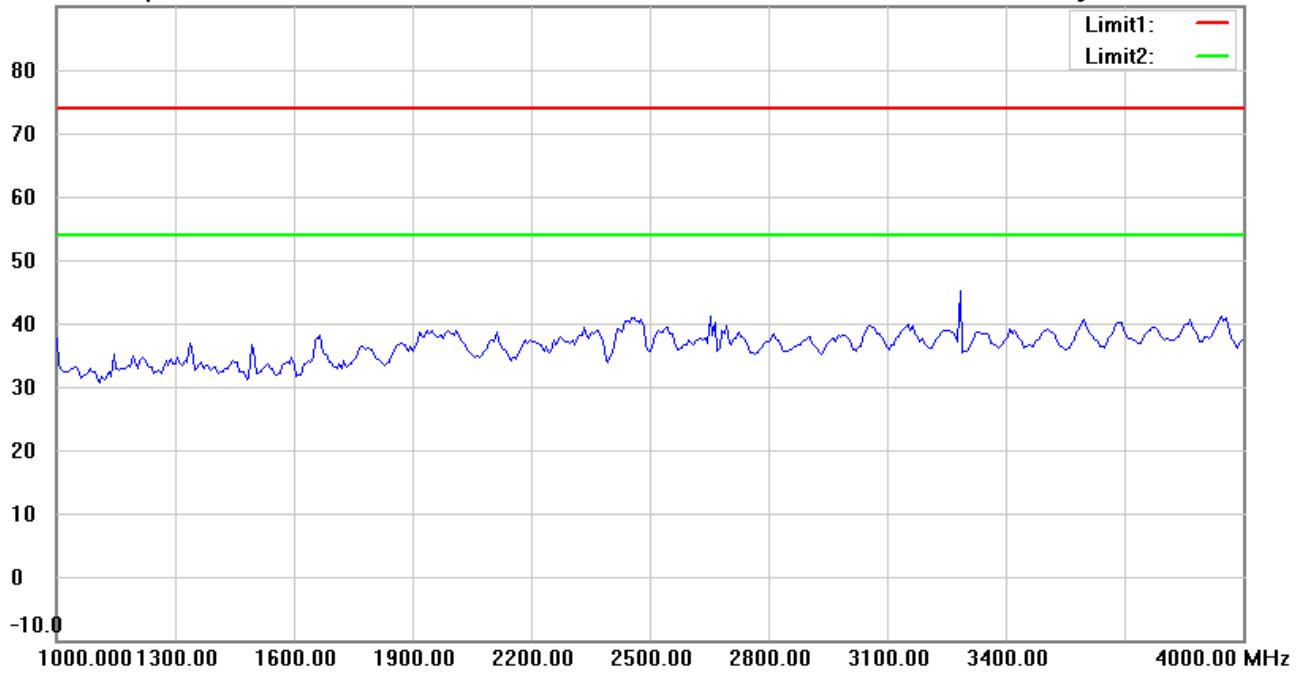
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:22:59 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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: Leon

File :3

Data :#6

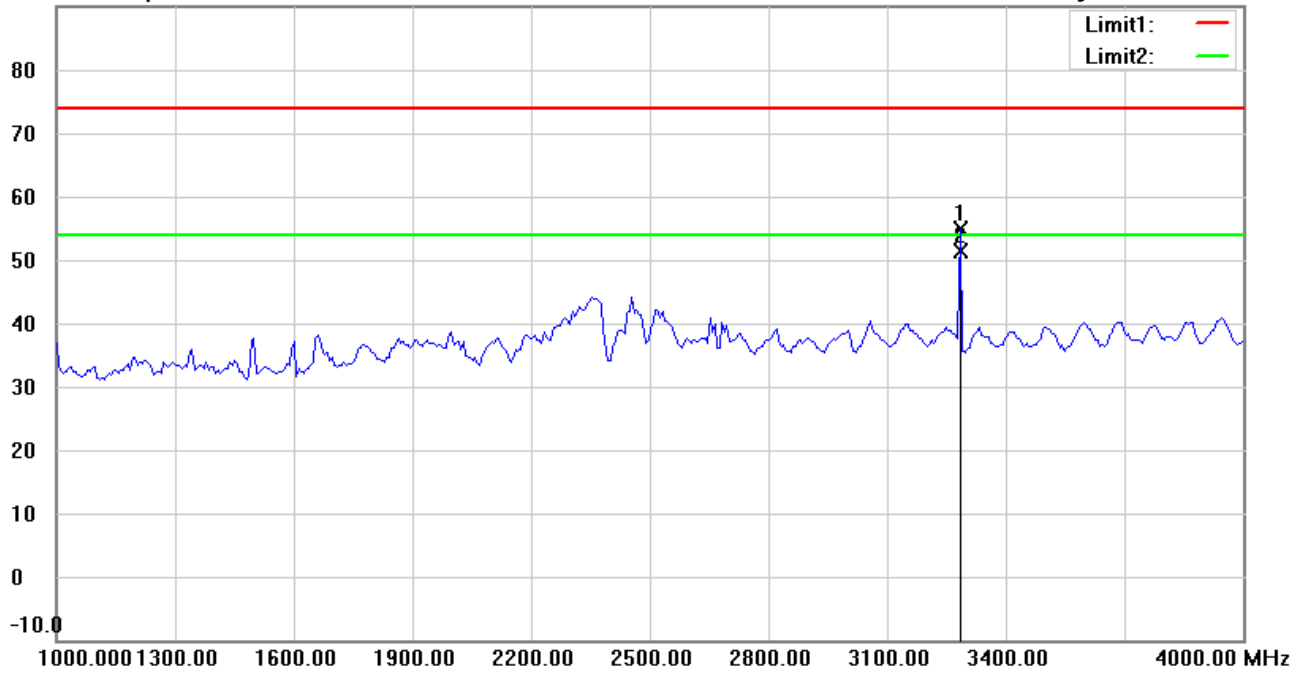
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:26:30 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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
	3284.569	58.74	peak	-3.79	54.95	74.00	150	173	-19.05	
*	3284.569	55.25	AVG	-3.79	51.46	54.00	150	173	-2.54	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

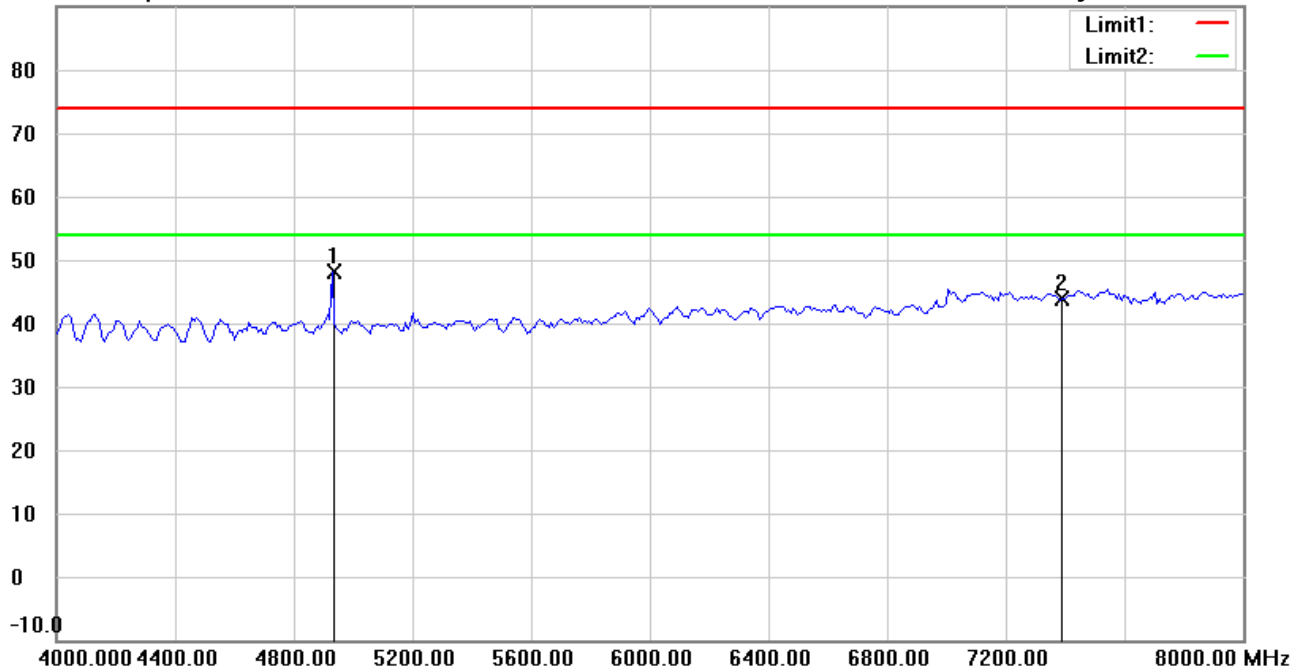
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:23:59 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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
*	4929.860	49.57	peak	-1.48	48.09	74.00	150	65	-25.91	
	7386.000	40.12	peak	3.72	43.84	74.00	150	217	-30.16	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

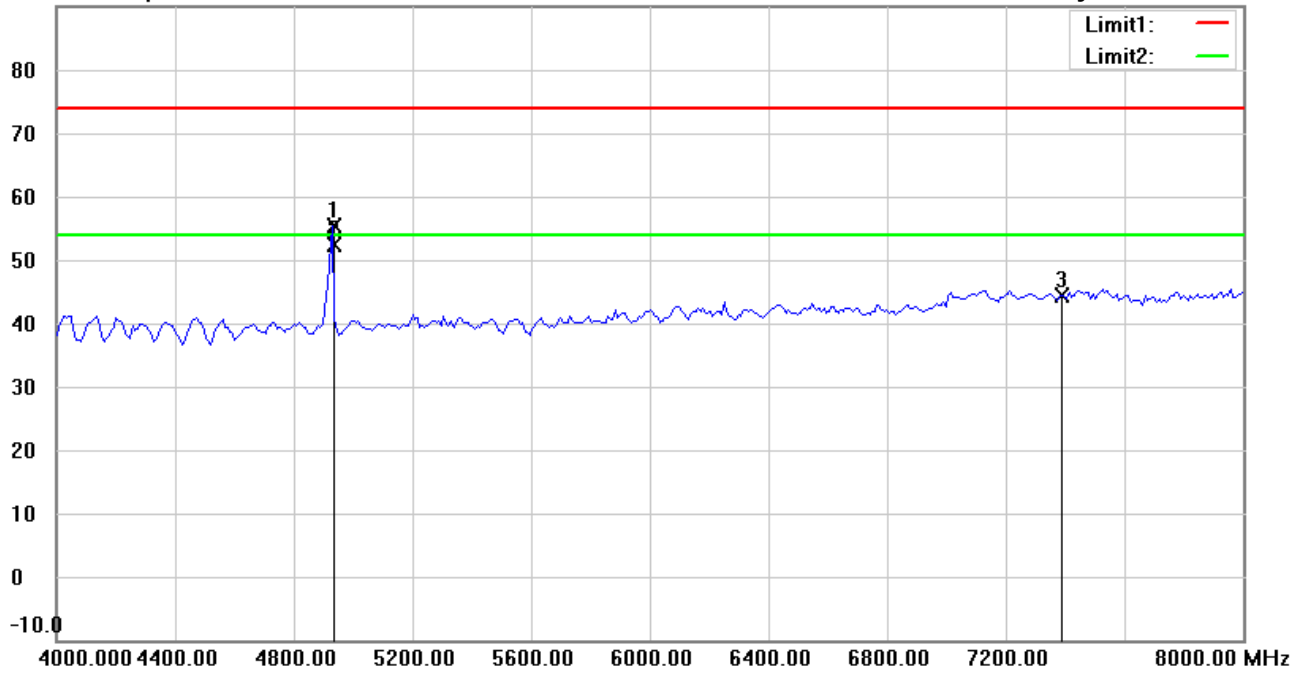
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:27:31 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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
	4929.860	56.90	peak	-1.48	55.42	74.00	152	176	-18.58	
*	4929.860	53.81	AVG	-1.48	52.33	54.00	152	176	-1.67	
	7386.000	40.54	peak	3.72	44.26	74.00	150	32	-29.74	





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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

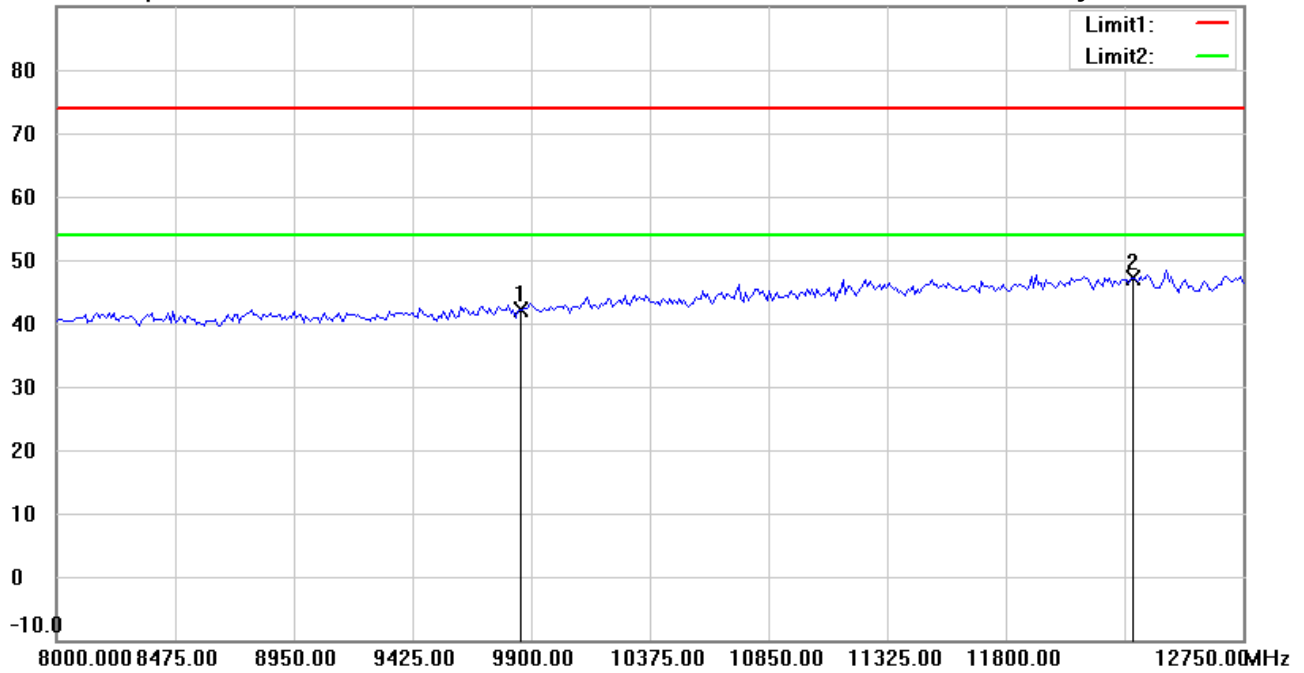
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:25:06 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Horizontal**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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	35.10	peak	6.96	42.06	74.00	150	245	-31.94	
*	12310.000	34.99	peak	12.18	47.17	74.00	150	166	-26.83	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

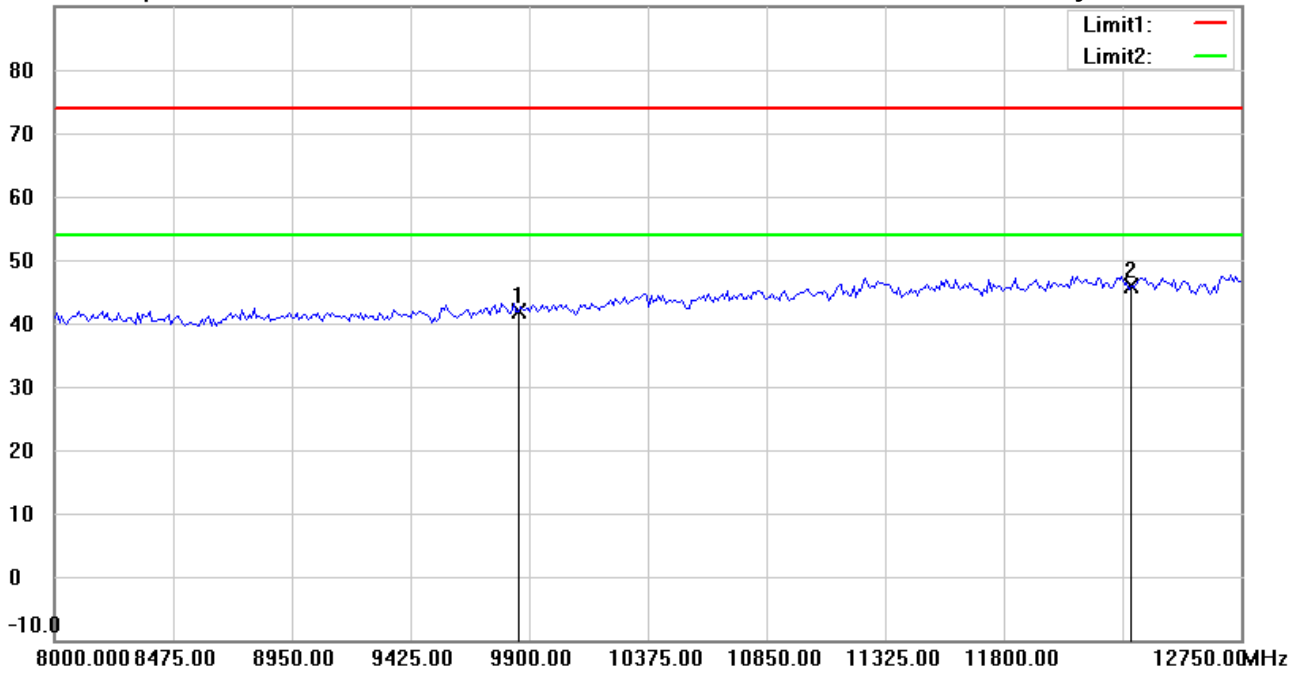
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:28:30 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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	34.81	peak	6.96	41.77	74.00	150	86	-32.23	
*	12310.000	33.77	peak	12.18	45.95	74.00	150	273	-28.05	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

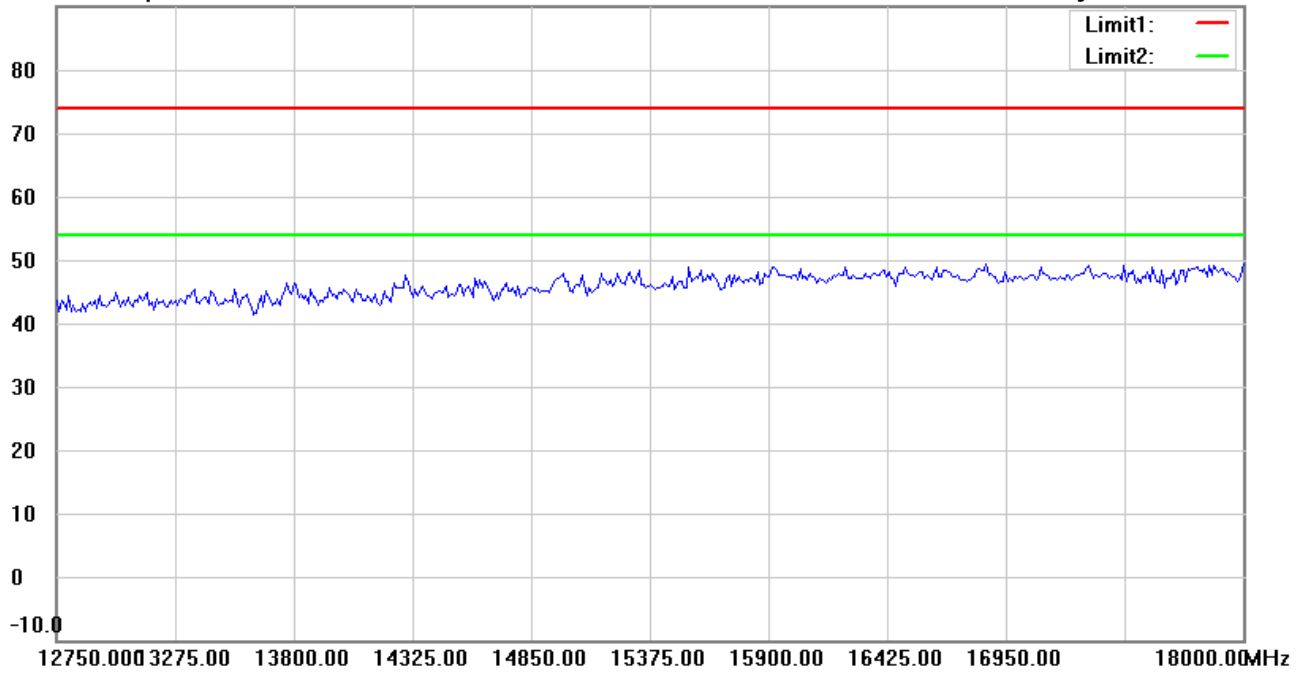
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:25:20 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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: Leon

File :3

Data :#9

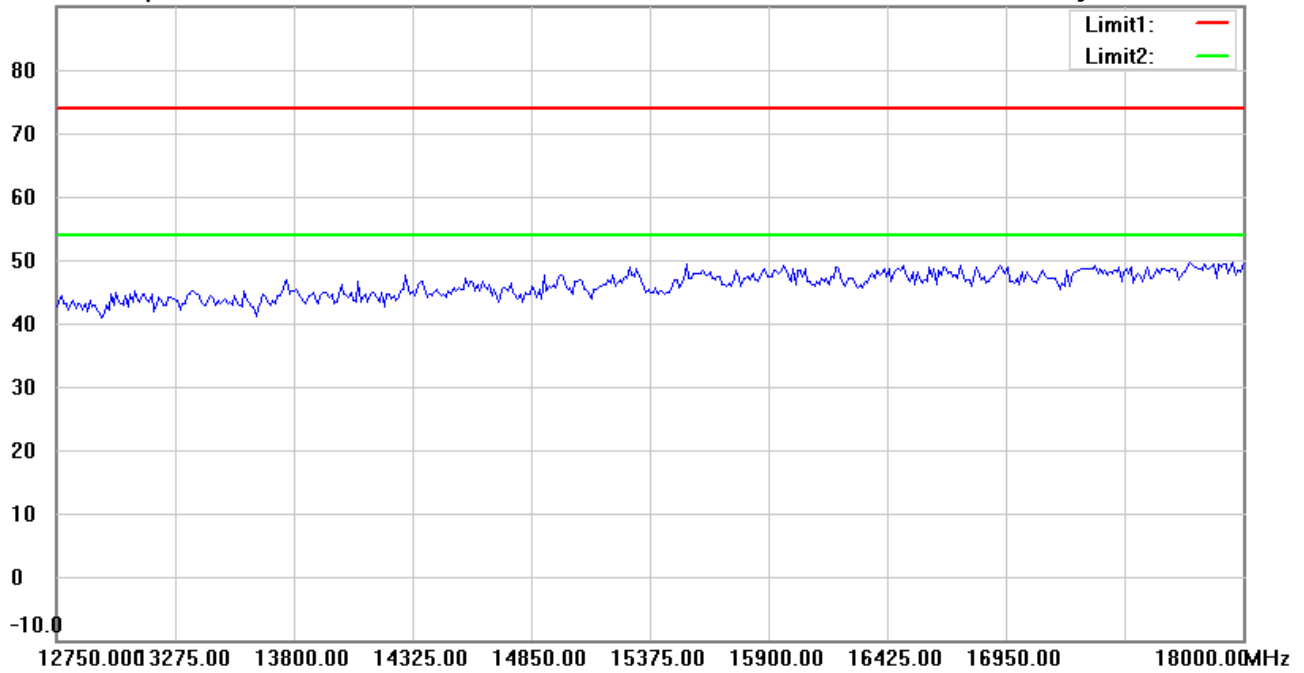
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:28:44 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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: Leon

File :3

Data :#5

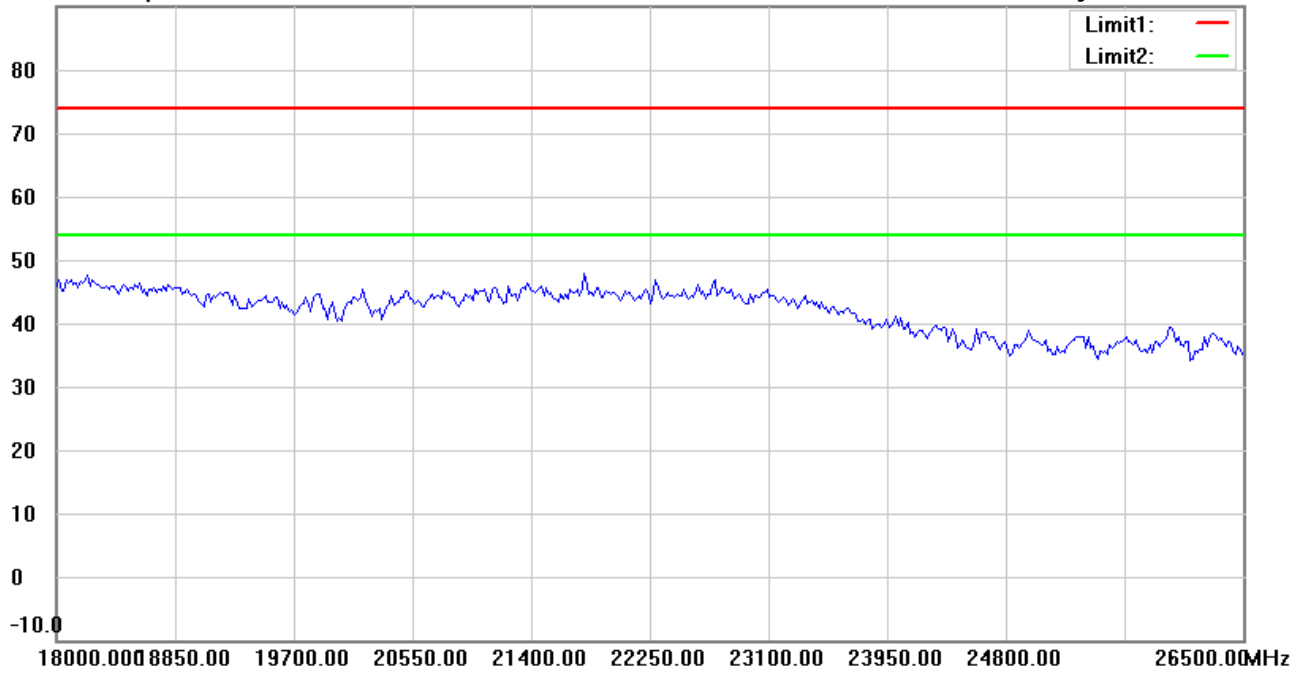
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:25:30 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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: Leon

File :3

Data :#10

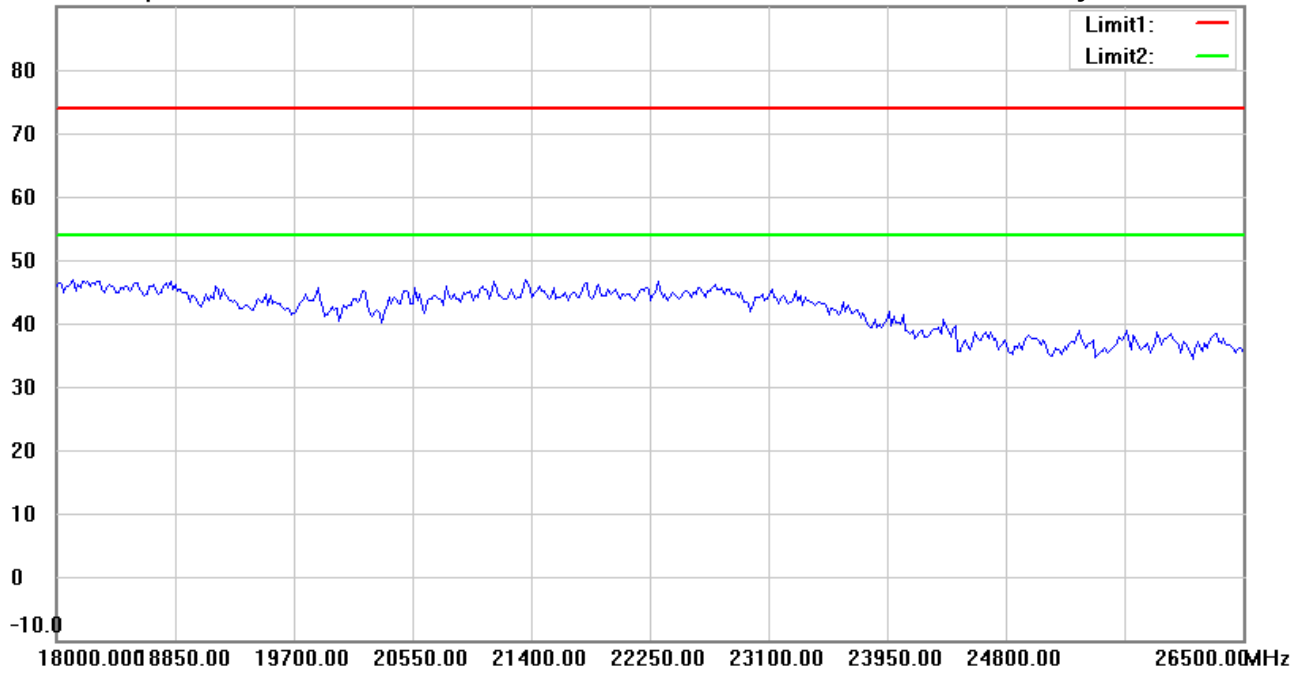
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 8:28:54 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 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: Allen

File :1\_WiFi 2

Data :#1

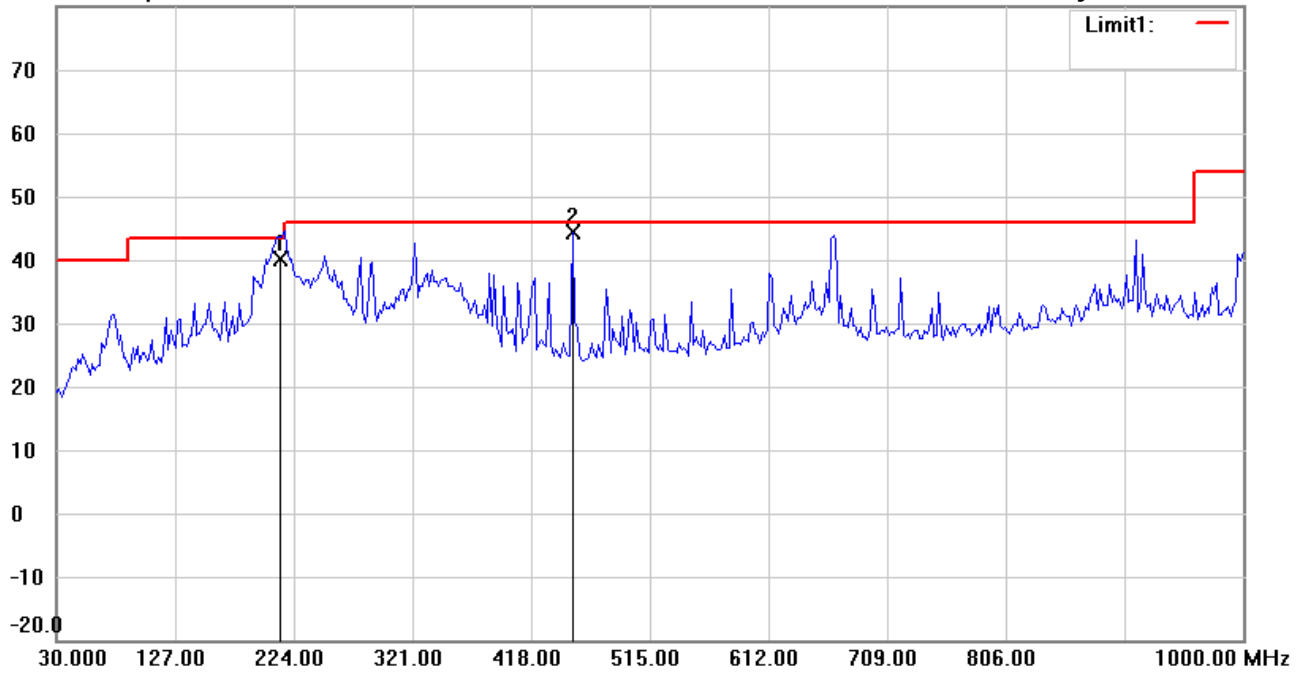
Date: 3/5/2020

Temperature:22.8 °C

80.0 dBuV/m

Time: 5:19:37 AM

Humidity:56.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	212.7255	50.83	QP	-10.61	40.22	43.50	100	275	-3.28	
*	451.8235	47.98	QP	-3.51	44.47	46.00	100	60	-1.53	



Radiated Emission Measurement

Operator: Allen

File :1\_WiFi 2

Data :#2

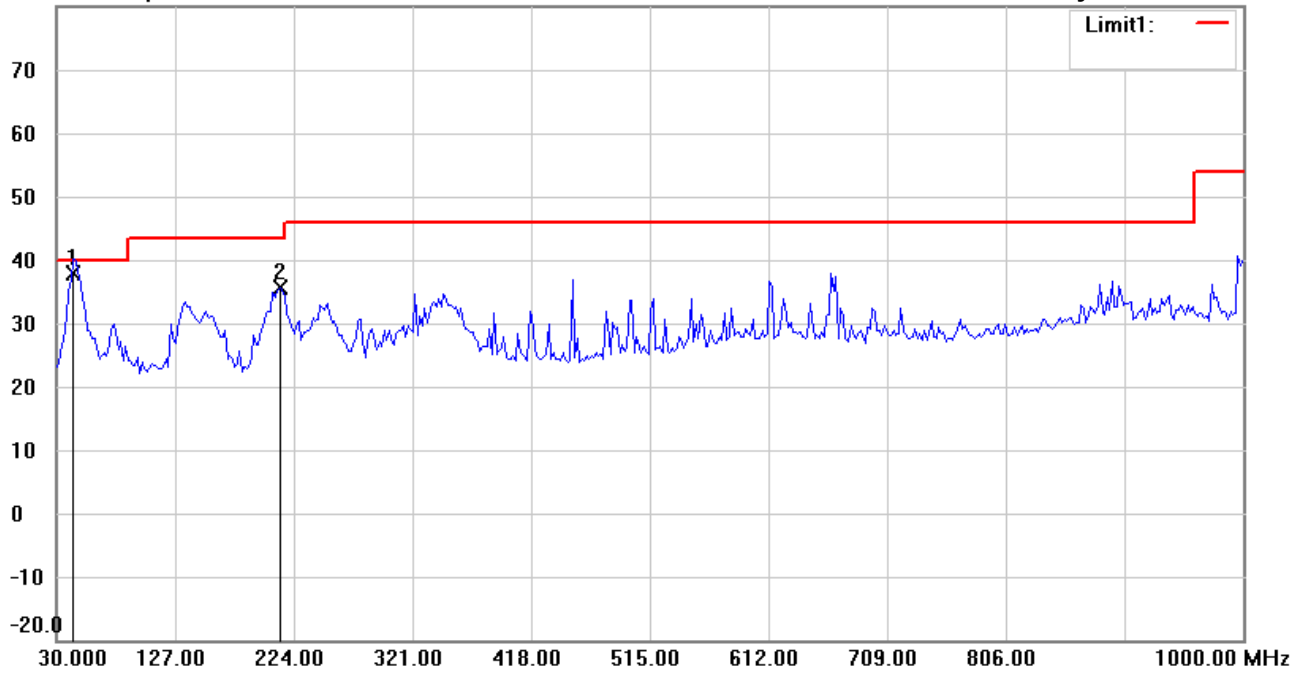
Date: 3/5/2020

Temperature:22.8 °C

80.0 dBuV/m

Time: 5:20:37 AM

Humidity:56.8 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	43.6072	47.58	QP	-9.61	37.97	40.00	100	145	-2.03	
	212.7255	46.16	peak	-10.61	35.55	43.50	100	230	-7.95	





Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

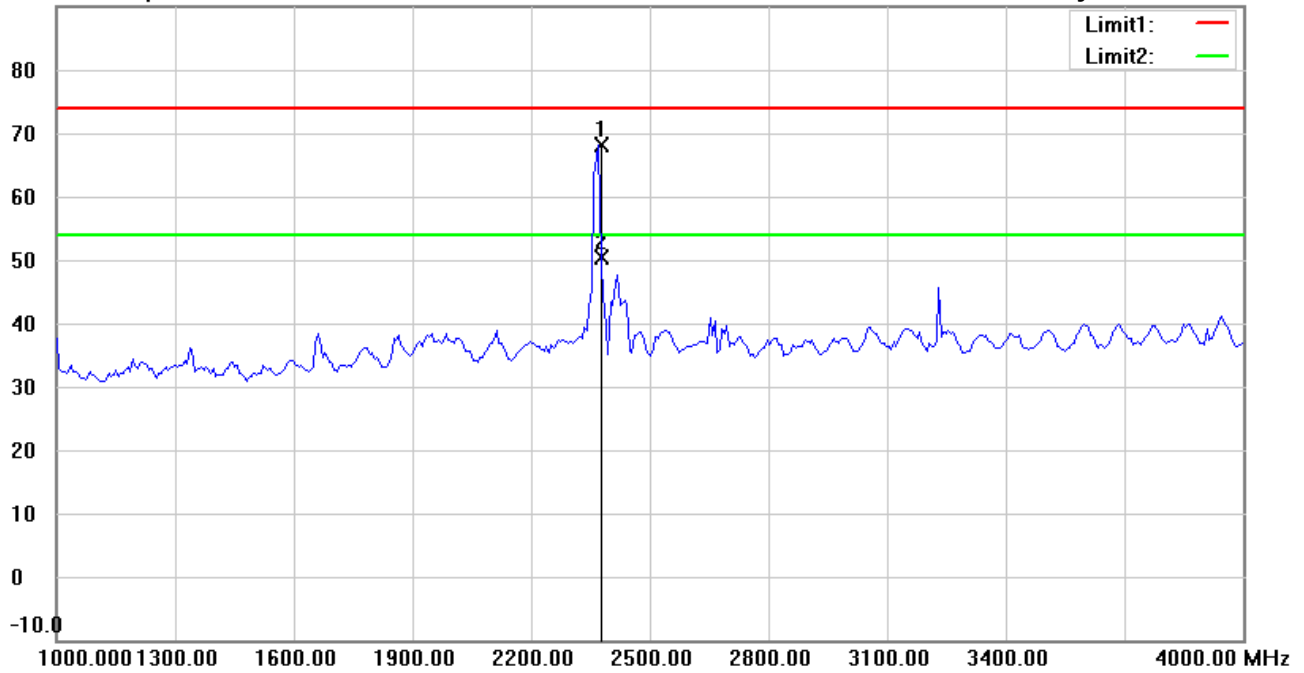
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:04:56 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2370.742	74.04	peak	-5.93	68.11	74.00	150	203	-5.89	
*	2370.742	56.21	AVG	-5.93	50.28	54.00	150	203	-3.72	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

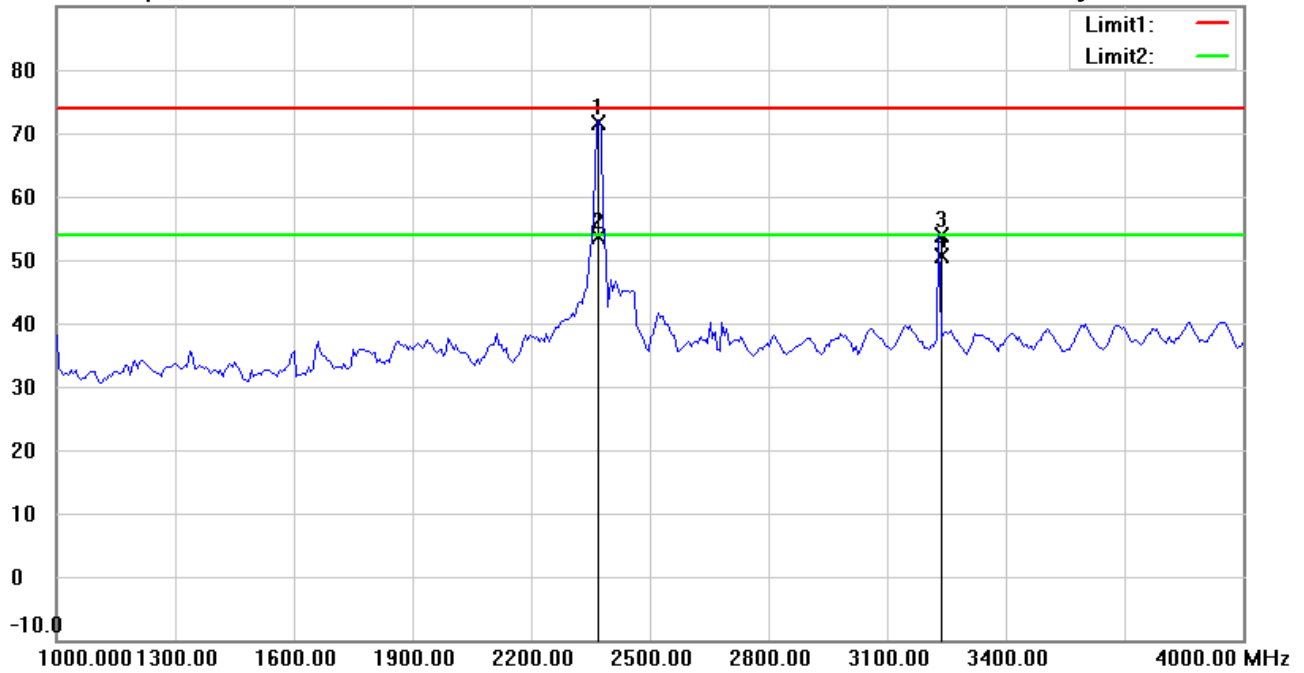
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:08:27 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2366.884	77.50	peak	-5.97	71.53	74.00	151	25	-2.47	
*	2366.884	59.51	AVG	-5.97	53.54	54.00	151	25	-0.46	
	3230.461	57.36	peak	-3.60	53.76	74.00	150	91	-20.24	
	3230.461	54.26	AVG	-3.60	50.66	54.00	150	91	-3.34	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

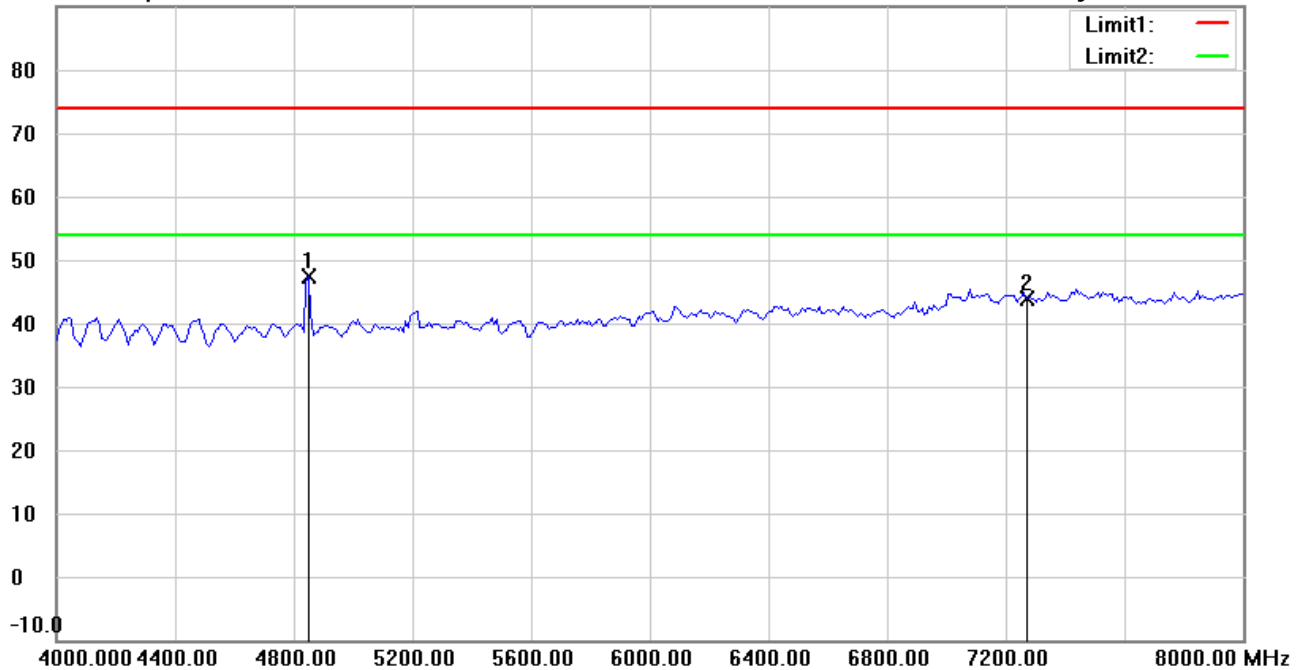
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:05:57 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11n40 CH1

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4849.699	49.24	peak	-1.79	47.45	74.00	150	152	-26.55	
	7266.000	40.55	peak	3.32	43.87	74.00	150	210	-30.13	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

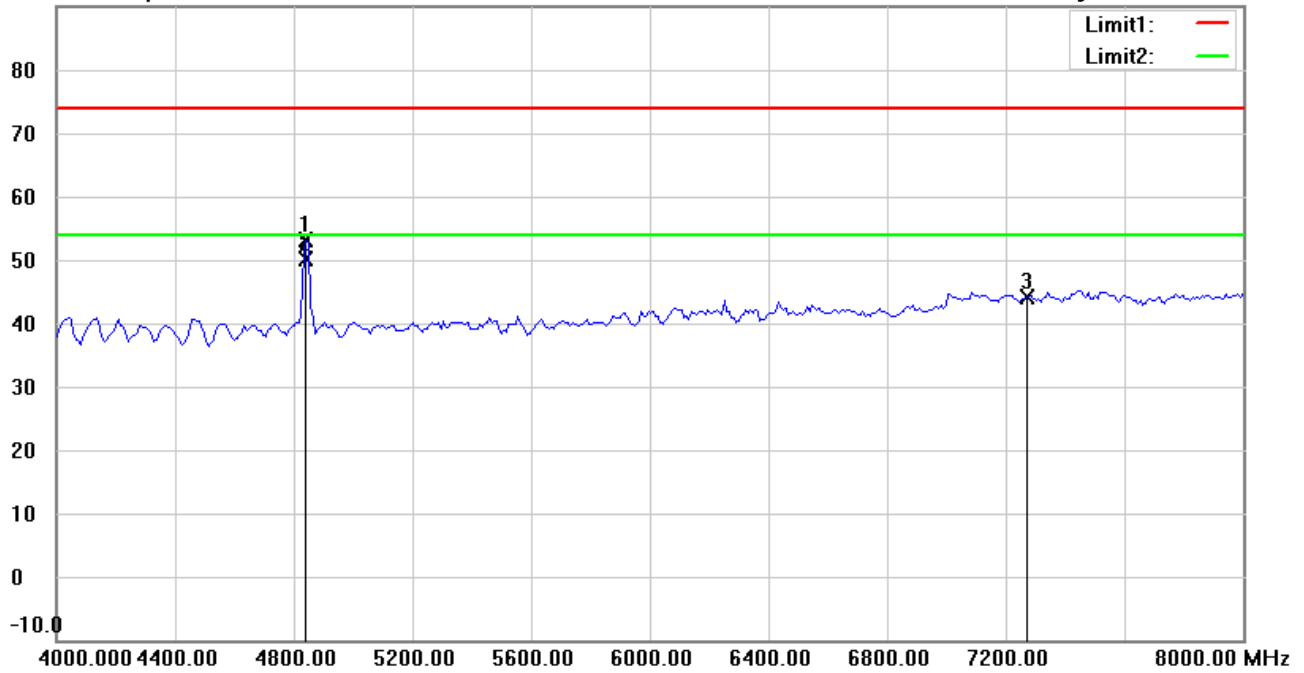
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:09:28 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4841.683	54.94	peak	-1.81	53.13	74.00	155	217	-20.87	
*	4841.683	51.86	AVG	-1.81	50.05	54.00	155	217	-3.95	
	7266.000	40.79	peak	3.32	44.11	74.00	150	95	-29.89	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

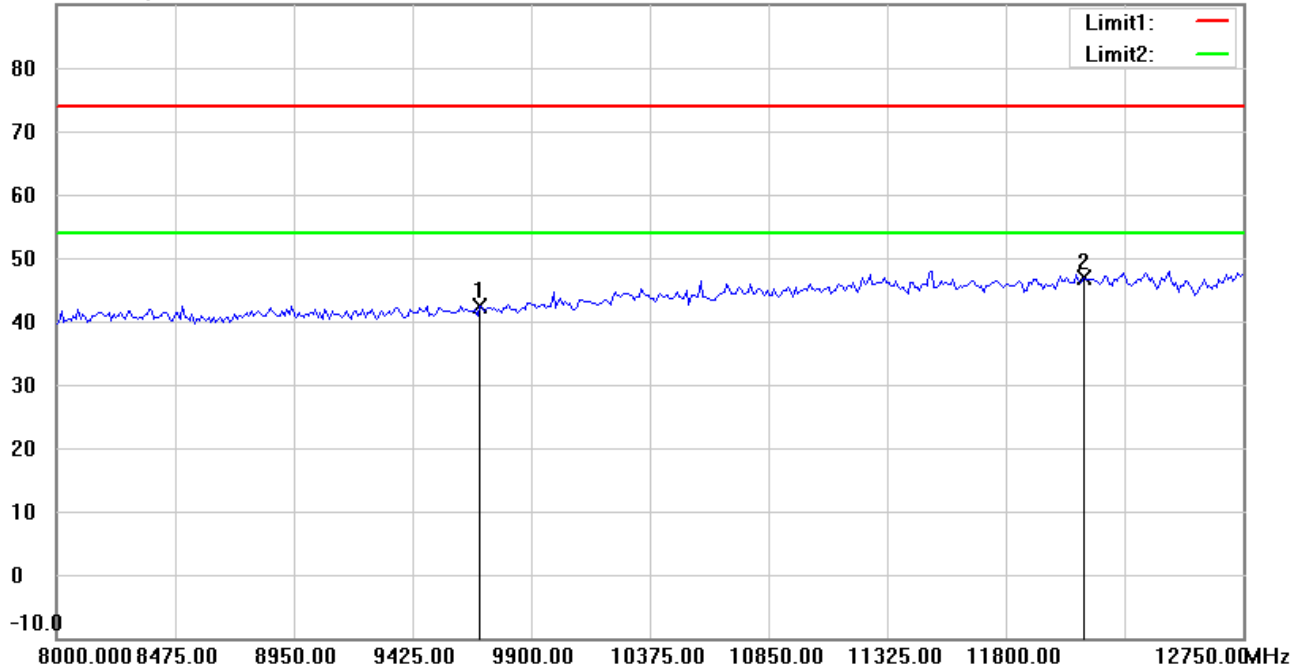
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:07:03 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9688.000	35.71	peak	6.67	42.38	74.00	150	52	-31.62	
*	12110.000	34.25	peak	12.71	46.96	74.00	150	135	-27.04	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

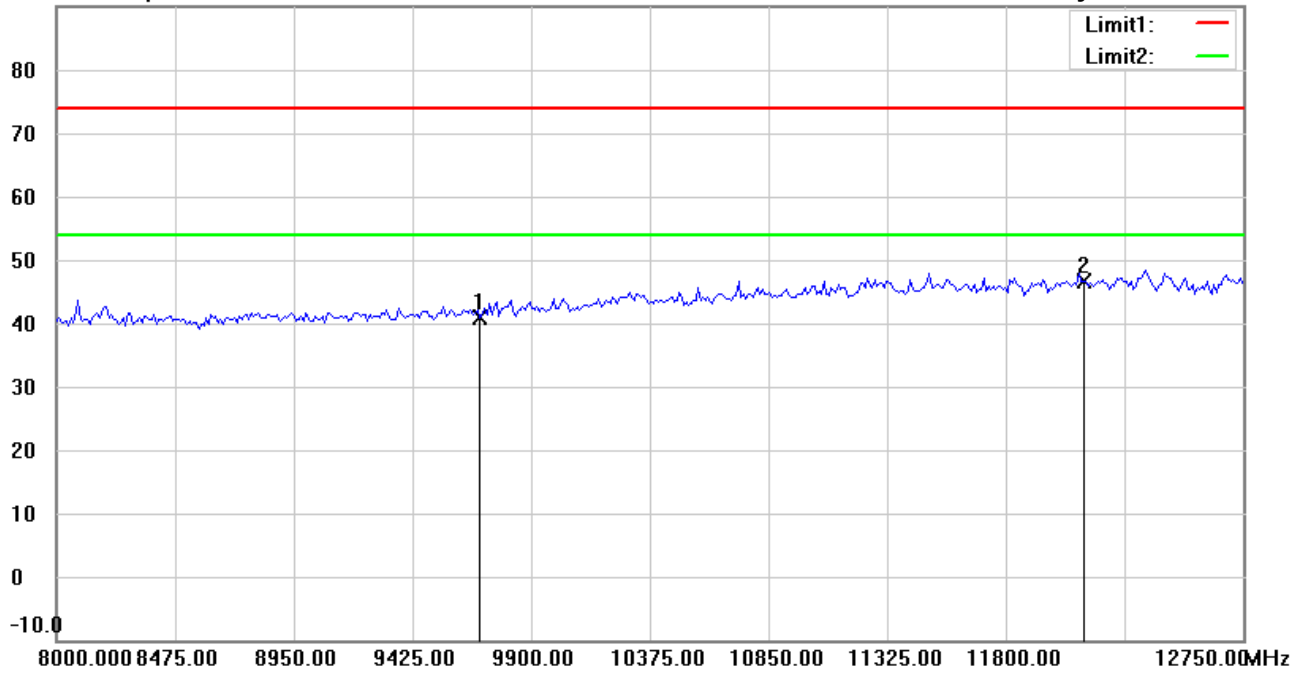
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:10:28 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9688.000	34.22	peak	6.67	40.89	74.00	150	279	-33.11	
*	12110.000	33.83	peak	12.71	46.54	74.00	150	60	-27.46	

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

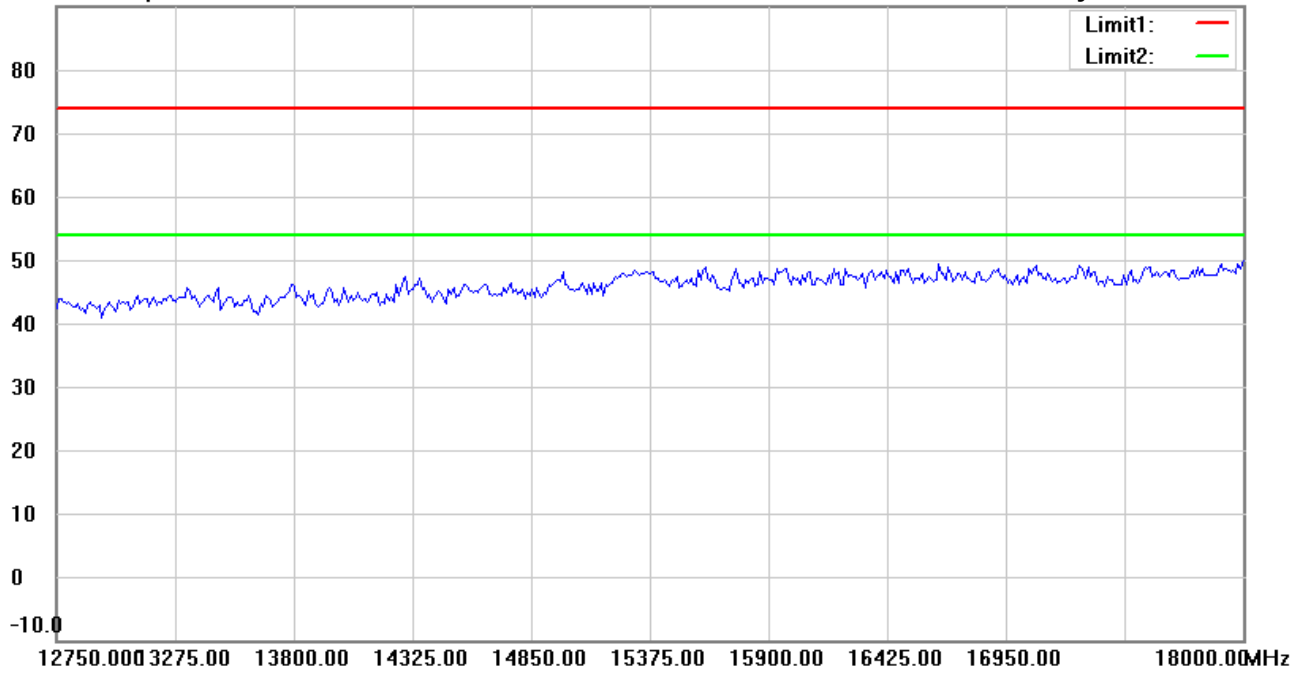
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:07:17 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

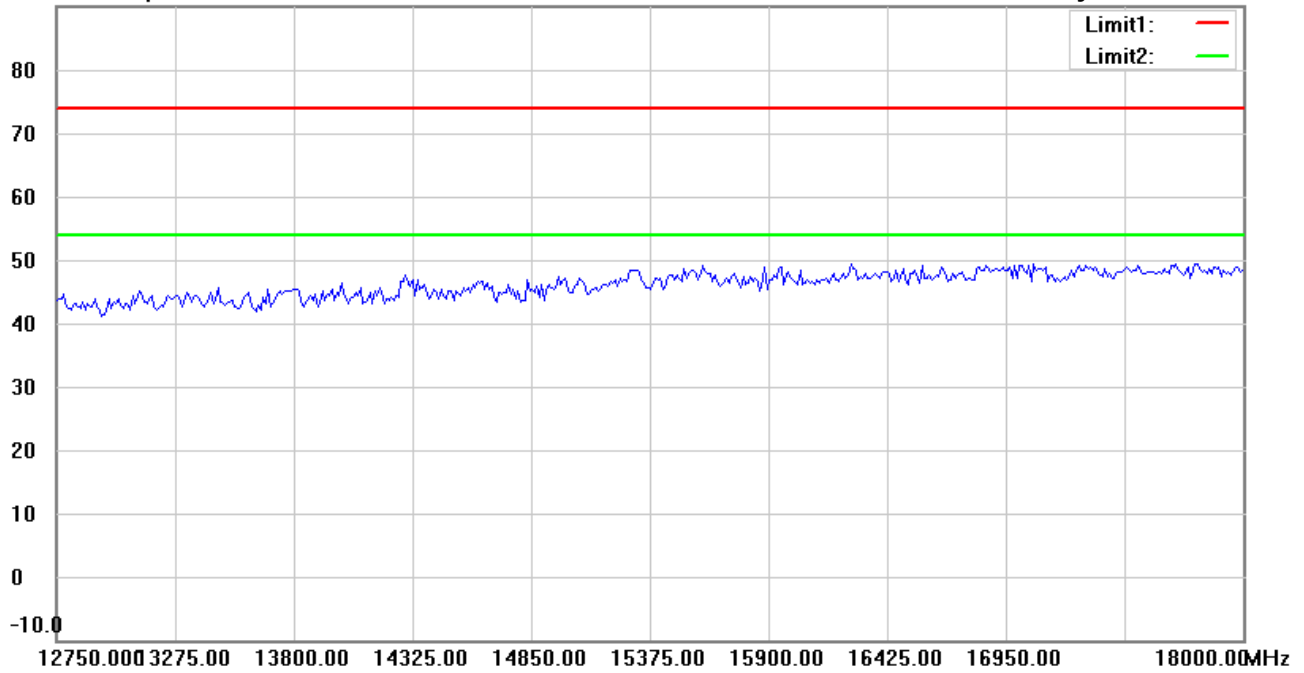
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:10:42 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

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

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





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 Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

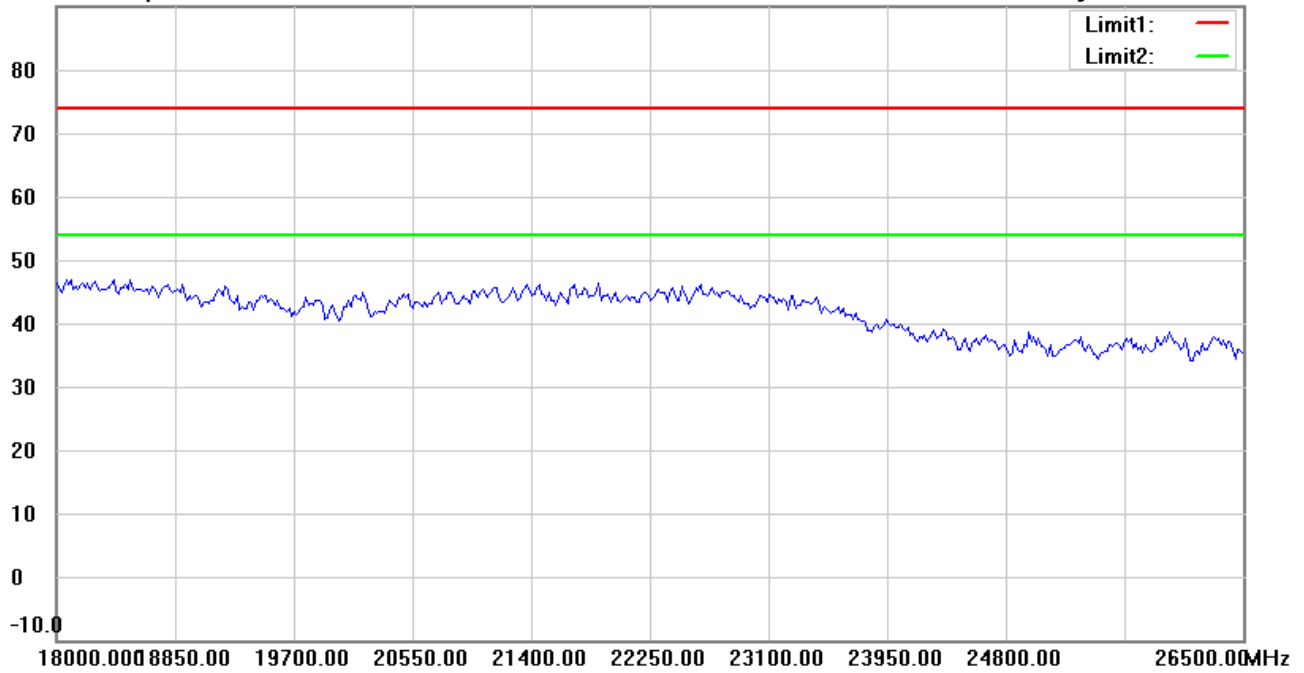
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:07:27 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

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

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



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**Radiated Emission Measurement**

Operator: Leon

File :3

Data :#10

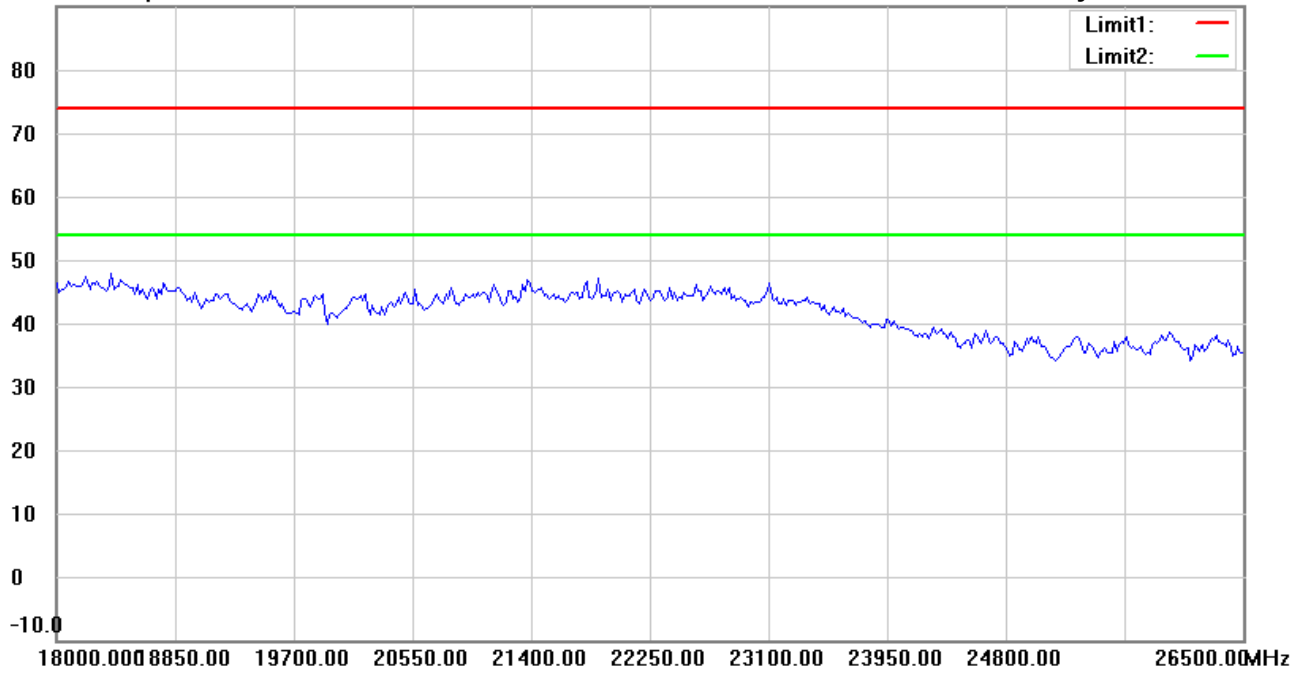
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:10:51 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

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

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

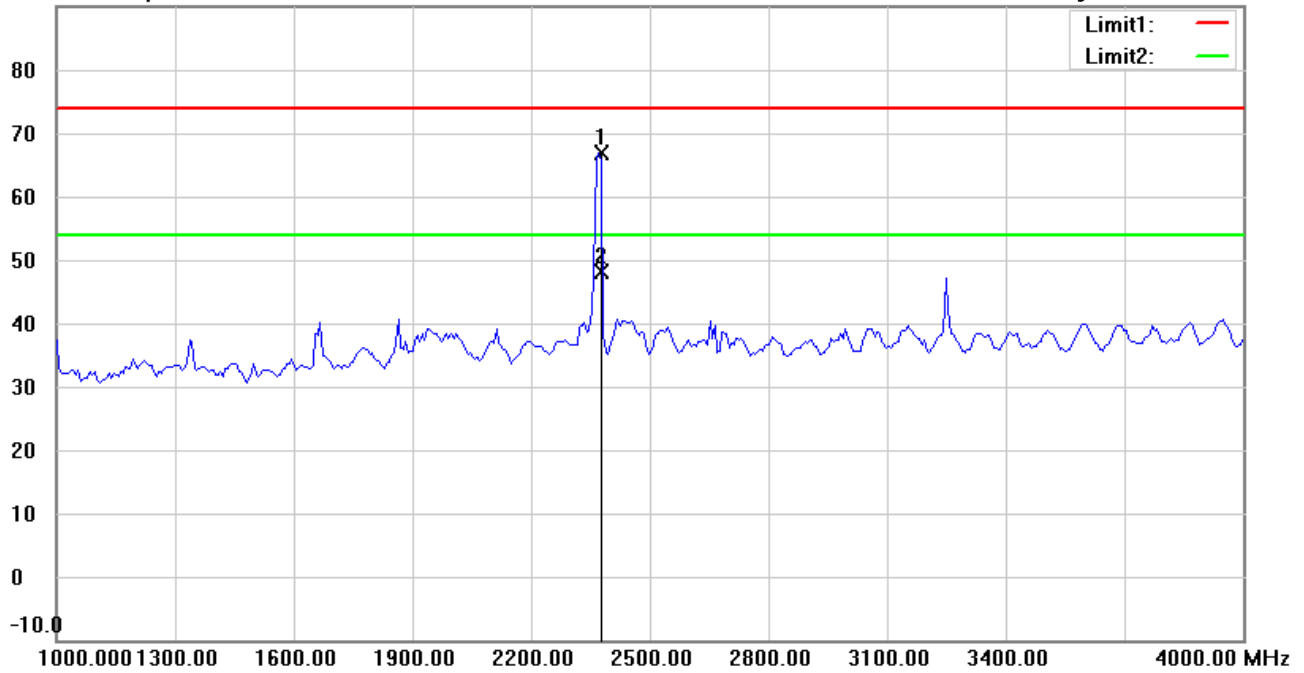
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:34:30 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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
	2370.742	72.92	peak	-5.93	66.99	74.00	150	226	-7.01	
*	2370.742	54.17	AVG	-5.93	48.24	54.00	150	226	-5.76	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

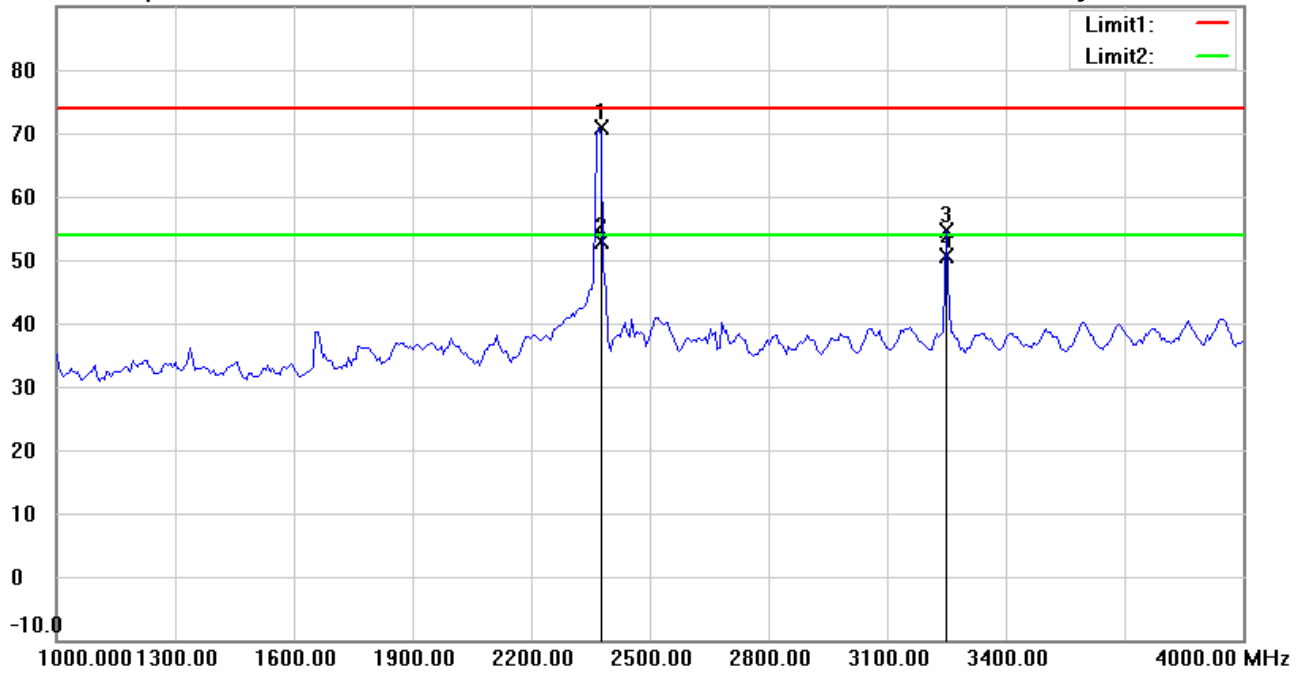
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:38:02 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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
	2374.890	76.88	peak	-5.89	70.99	74.00	150	285	-3.01	
*	2374.890	58.66	AVG	-5.89	52.77	54.00	150	285	-1.23	
	3248.497	58.25	peak	-3.66	54.59	74.00	150	227	-19.41	
	3248.497	54.25	AVG	-3.66	50.59	54.00	150	227	-3.41	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

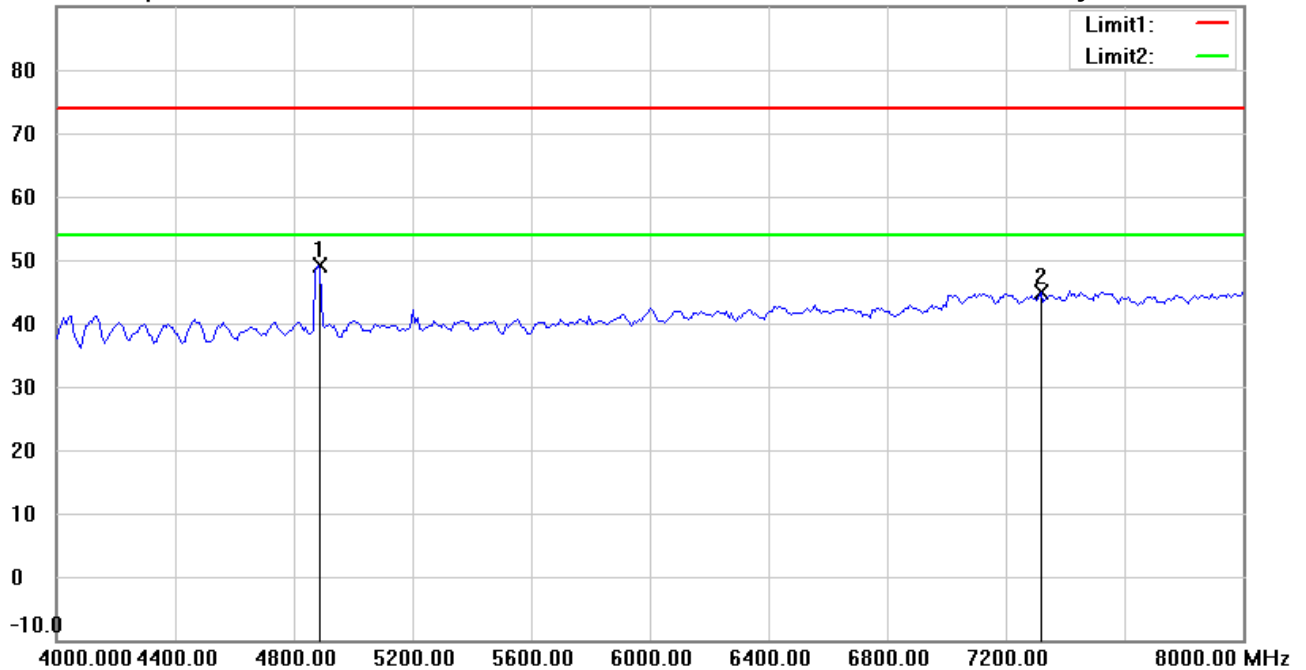
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:35:31 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11n40 CH4

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4881.764	50.69	peak	-1.67	49.02	74.00	150	50	-24.98	
	7311.000	41.39	peak	3.42	44.81	74.00	150	315	-29.19	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

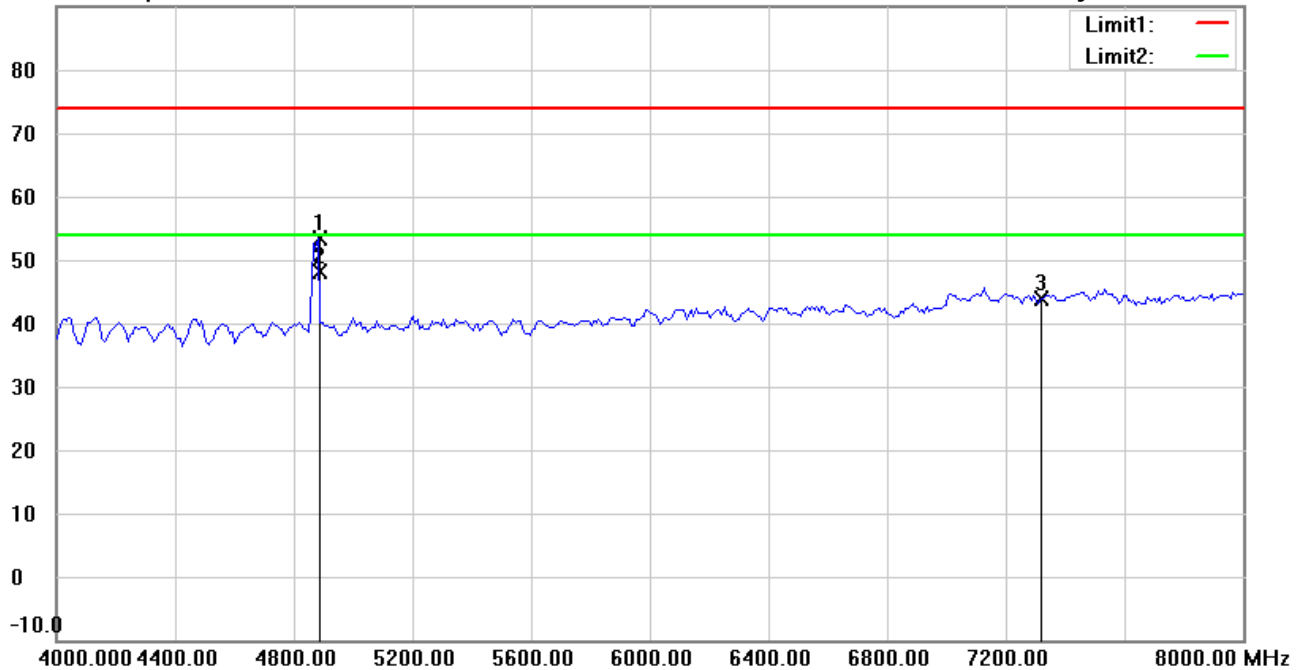
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:39:03 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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
	4881.764	54.99	peak	-1.67	53.32	74.00	150	163	-20.68	
*	4881.764	49.73	AVG	-1.67	48.06	54.00	150	163	-5.94	
	7311.000	40.35	peak	3.42	43.77	74.00	150	95	-30.23	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

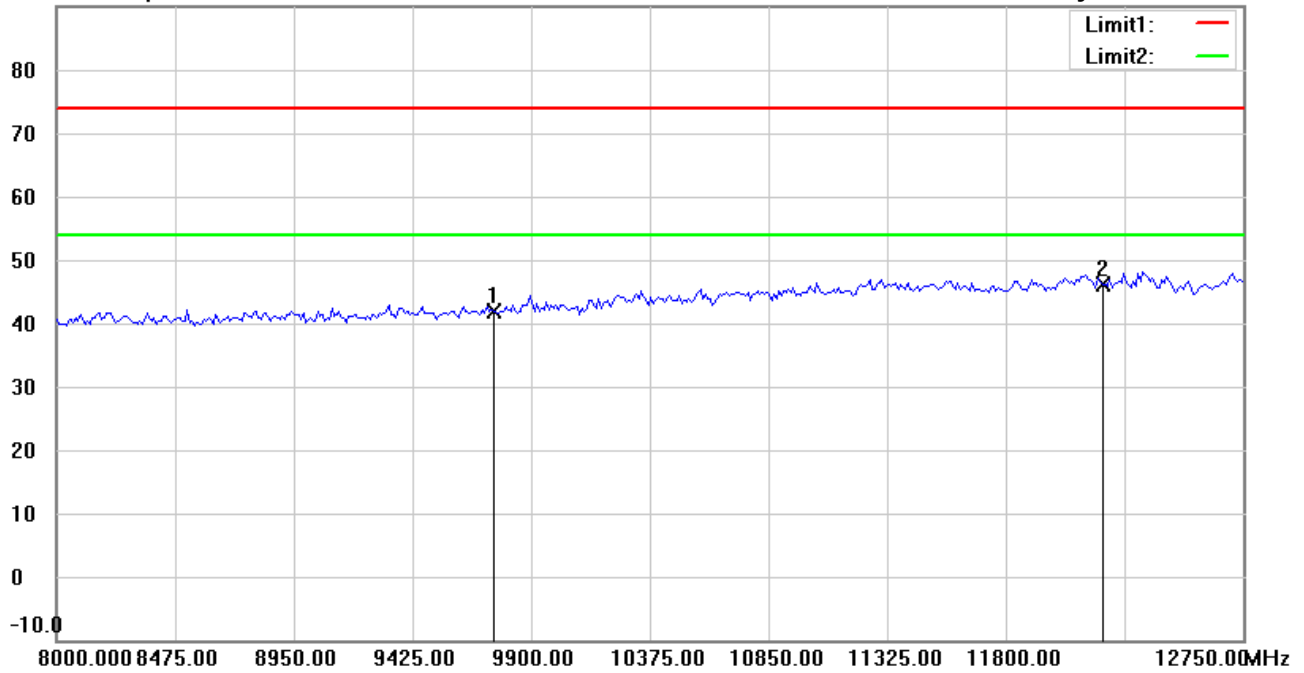
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:36:37 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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	35.01	peak	6.75	41.76	74.00	150	57	-32.24	
*	12185.000	33.33	peak	12.83	46.16	74.00	150	235	-27.84	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

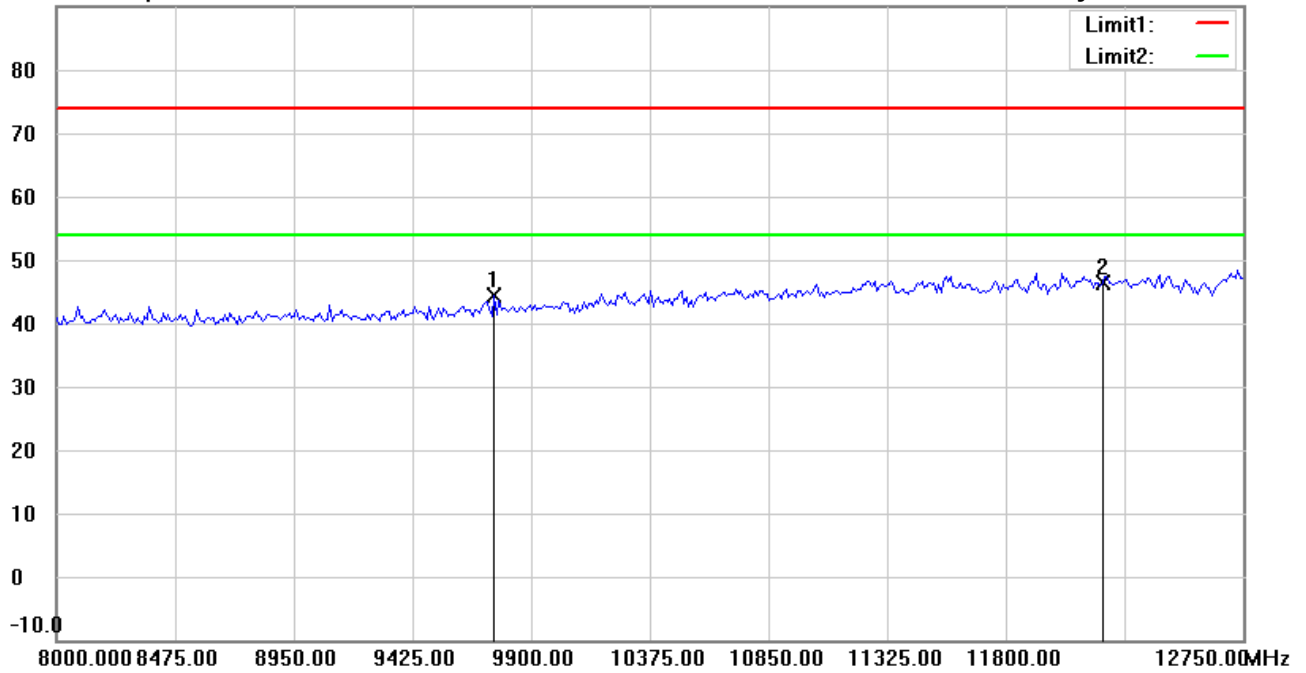
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:40:03 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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	37.74	peak	6.75	44.49	74.00	150	43	-29.51	
*	12185.000	33.65	peak	12.83	46.48	74.00	150	217	-27.52	





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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

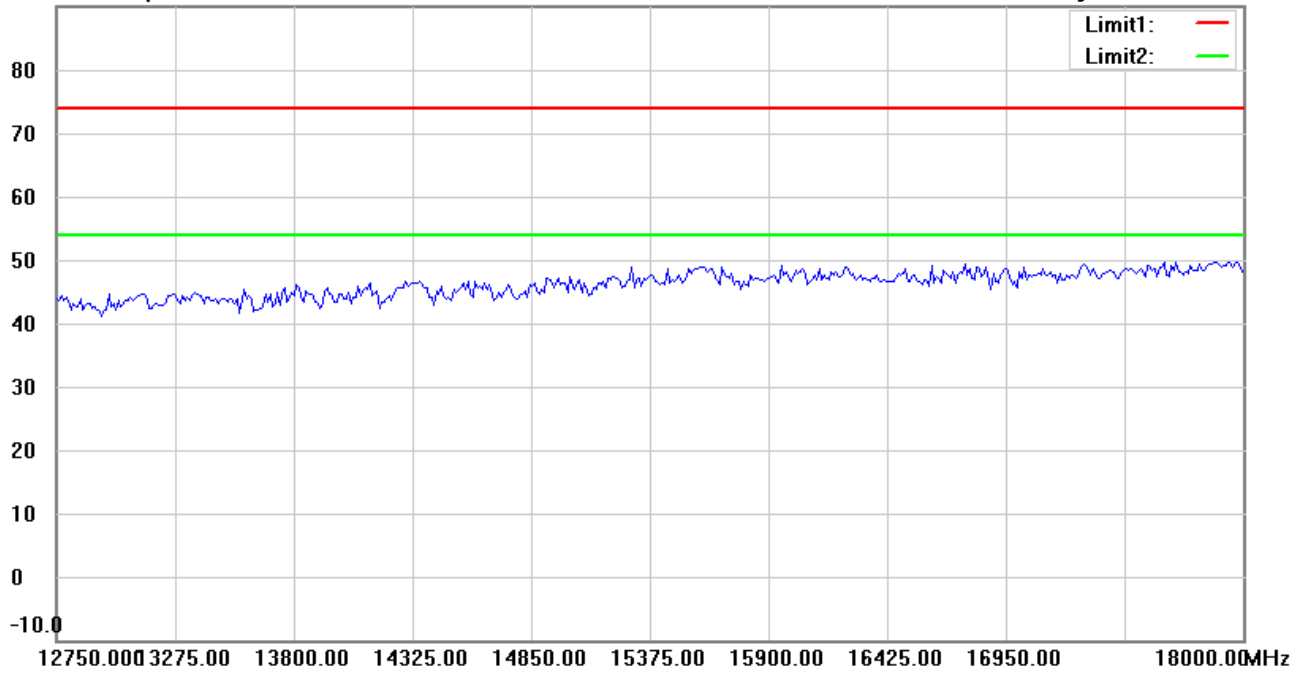
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:36:51 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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



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

Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

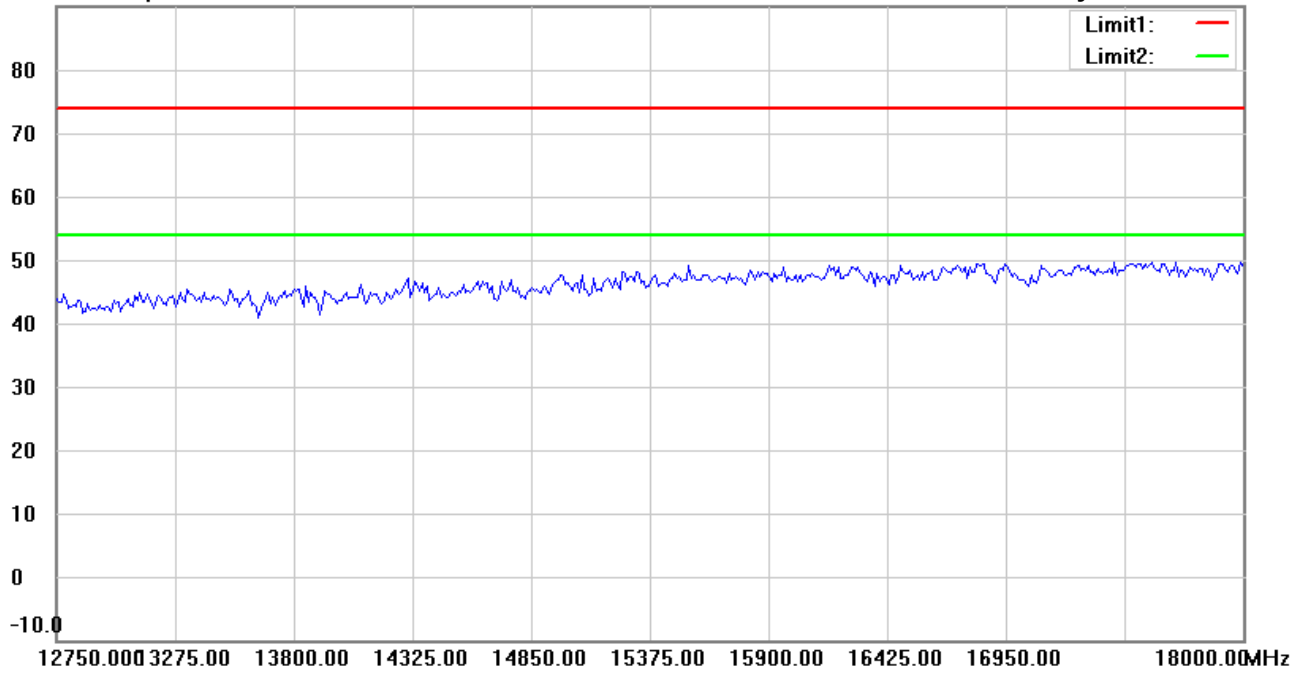
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:40:17 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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



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

Operator: Leon

File :3

Data :#5

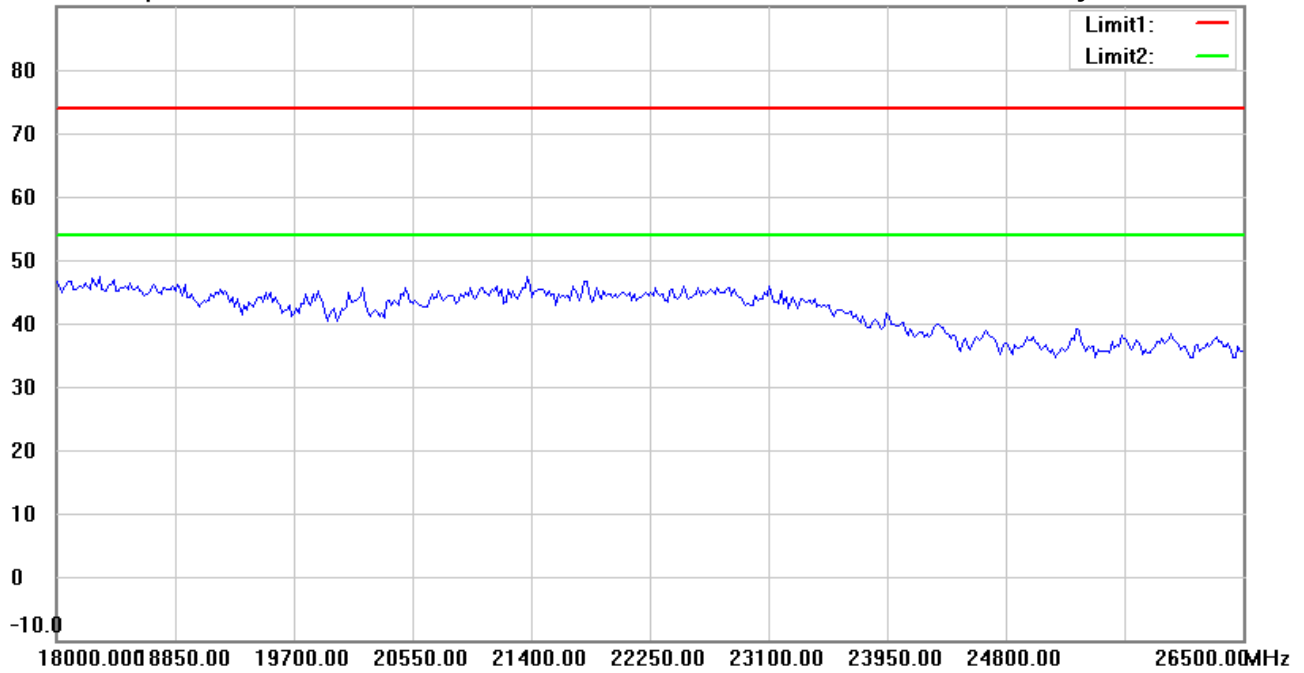
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:37:01 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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



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

Operator: Leon

File :3

Data :#10

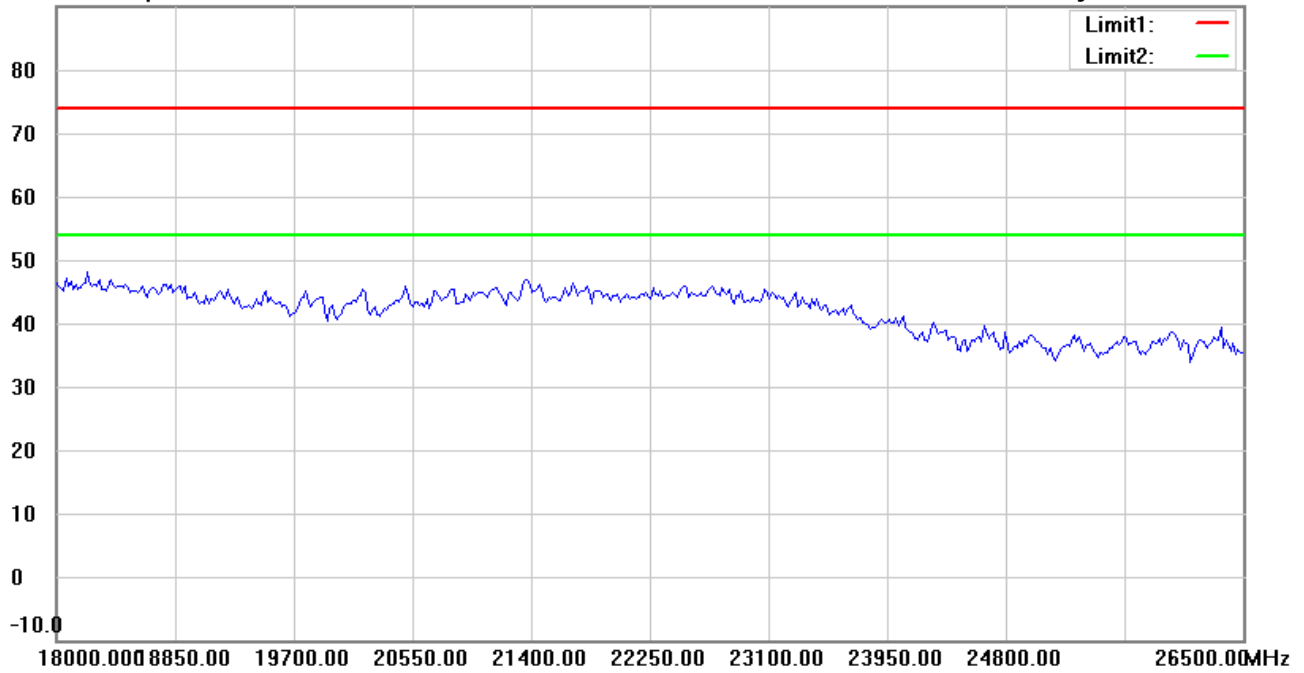
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 9:40:27 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: **Vertical**

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

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

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



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

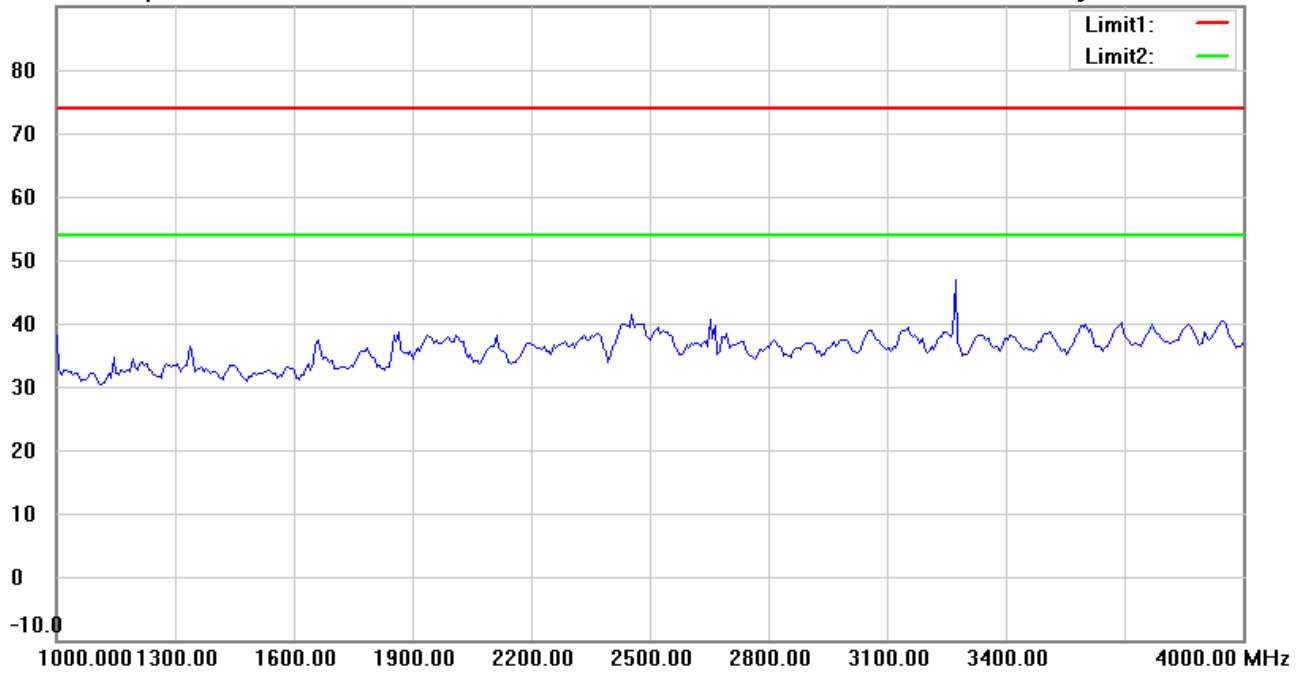
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:07:10 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#6

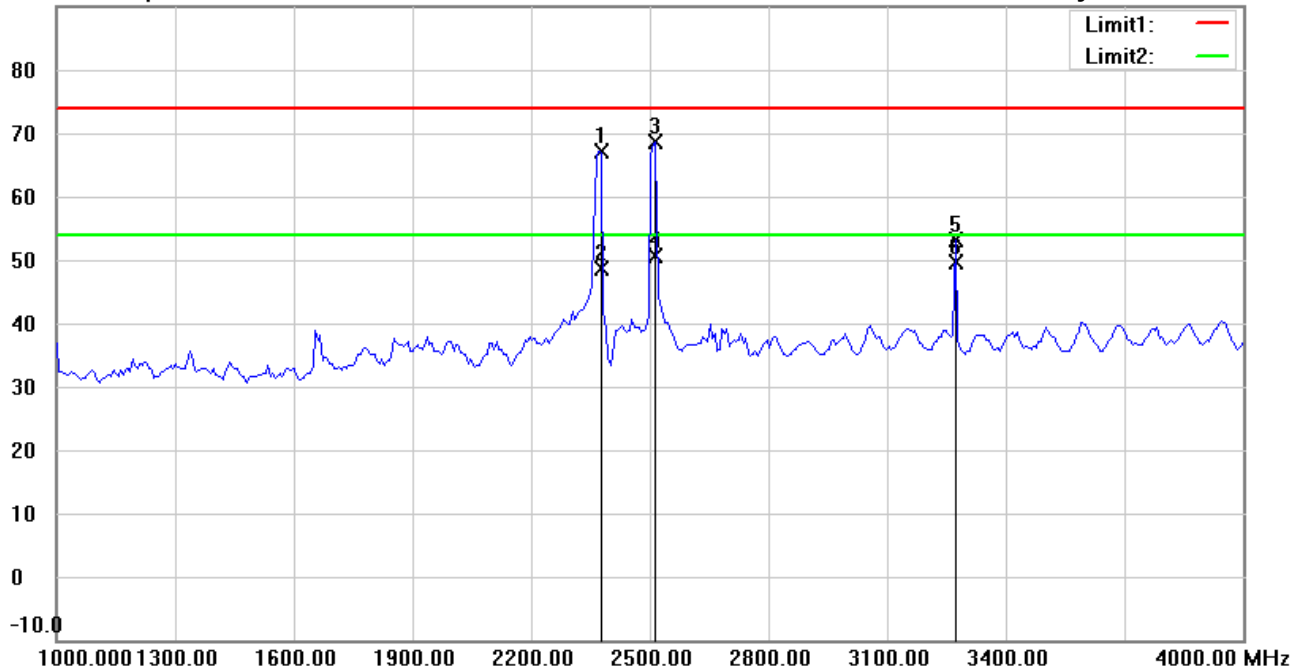
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:10:41 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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
	2370.742	73.06	peak	-5.93	67.13	74.00	155	198	-6.87	
	2370.742	54.51	AVG	-5.93	48.58	54.00	155	198	-5.42	
	2513.677	73.34	peak	-4.66	68.68	74.00	173	35	-5.32	
*	2513.677	55.28	AVG	-4.66	50.62	54.00	173	35	-3.38	
	3272.545	56.76	peak	-3.75	53.01	74.00	157	206	-20.99	
	3272.545	53.33	AVG	-3.75	49.58	54.00	157	206	-4.42	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

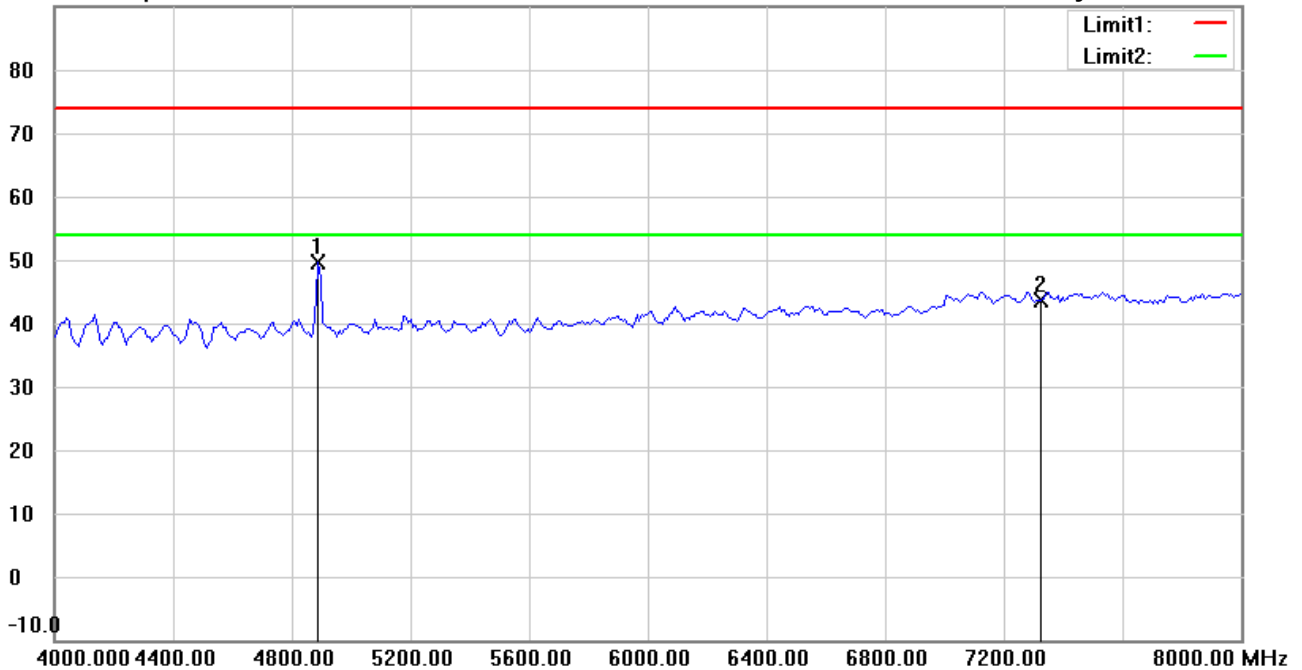
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:08:11 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: *Horizontal*

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4889.779	51.24	peak	-1.65	49.59	74.00	150	162	-24.41	
	7326.000	40.25	peak	3.48	43.73	74.00	150	237	-30.27	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

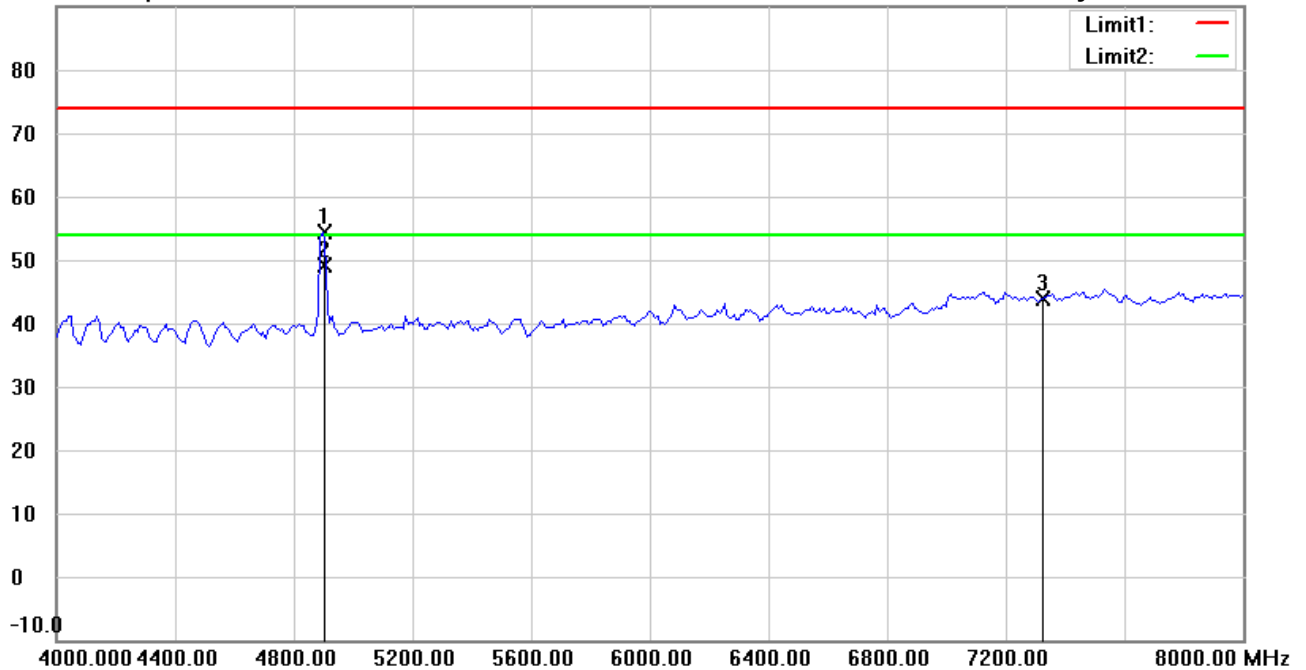
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:11:42 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

EUT : W6R22002-19655

M/N:

Test Mode : TX 802.11n40 CH7

Note :

Polarization: **Vertical**

Power : 3.3 Vd.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4897.796	55.99	peak	-1.62	54.37	74.00	158	175	-19.63	
*	4897.796	50.67	AVG	-1.62	49.05	54.00	158	175	-4.95	
	7326.000	40.39	peak	3.48	43.87	74.00	150	235	-30.13	





Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

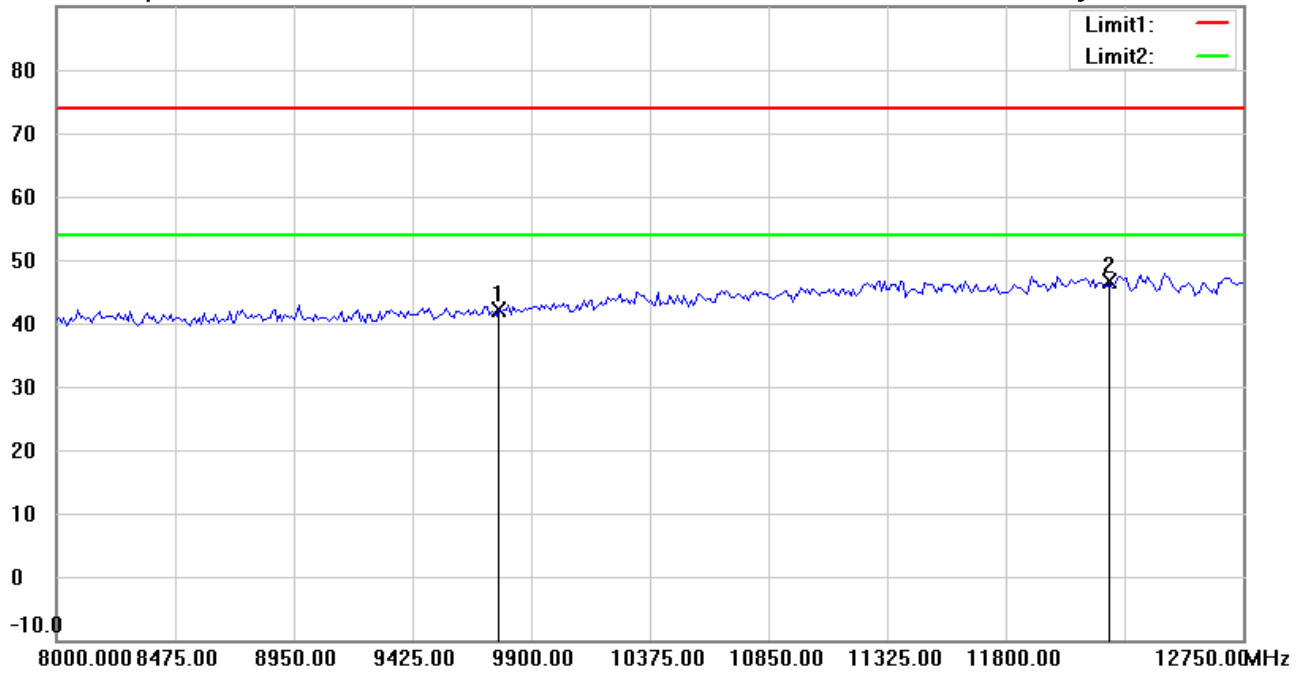
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:09:17 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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
	9768.000	35.25	peak	6.77	42.02	74.00	150	236	-31.98	
*	12210.000	33.87	peak	12.78	46.65	74.00	150	199	-27.35	



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Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

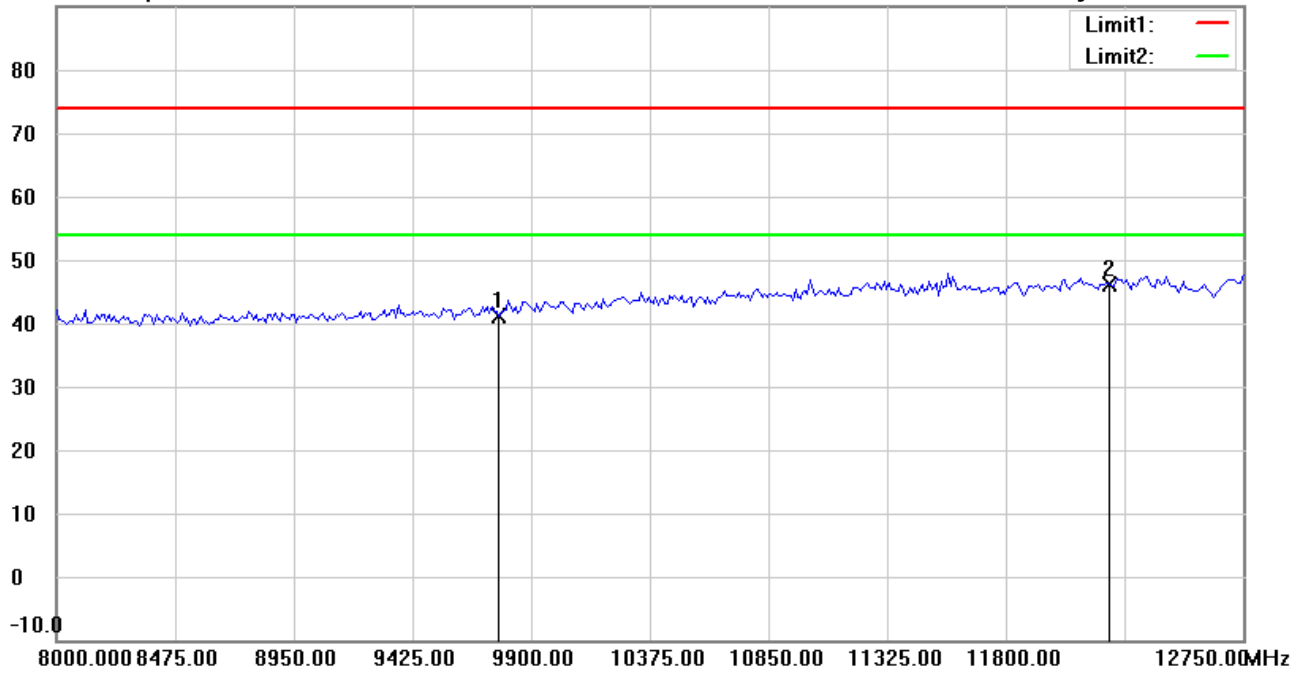
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:12:41 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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
	9768.000	34.44	peak	6.77	41.21	74.00	150	217	-32.79	
*	12210.000	33.47	peak	12.78	46.25	74.00	150	90	-27.75	

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



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

Operator: Leon

File :3

Data :#4

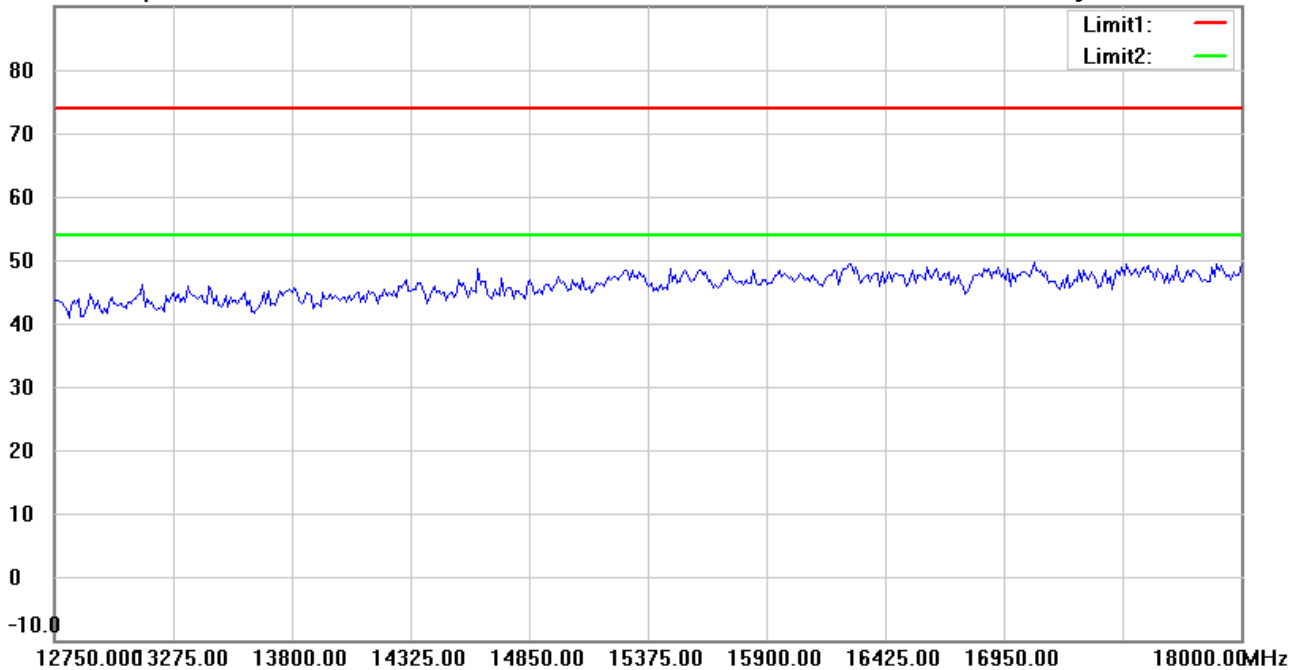
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:09:31 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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: Leon

File :3

Data :#9

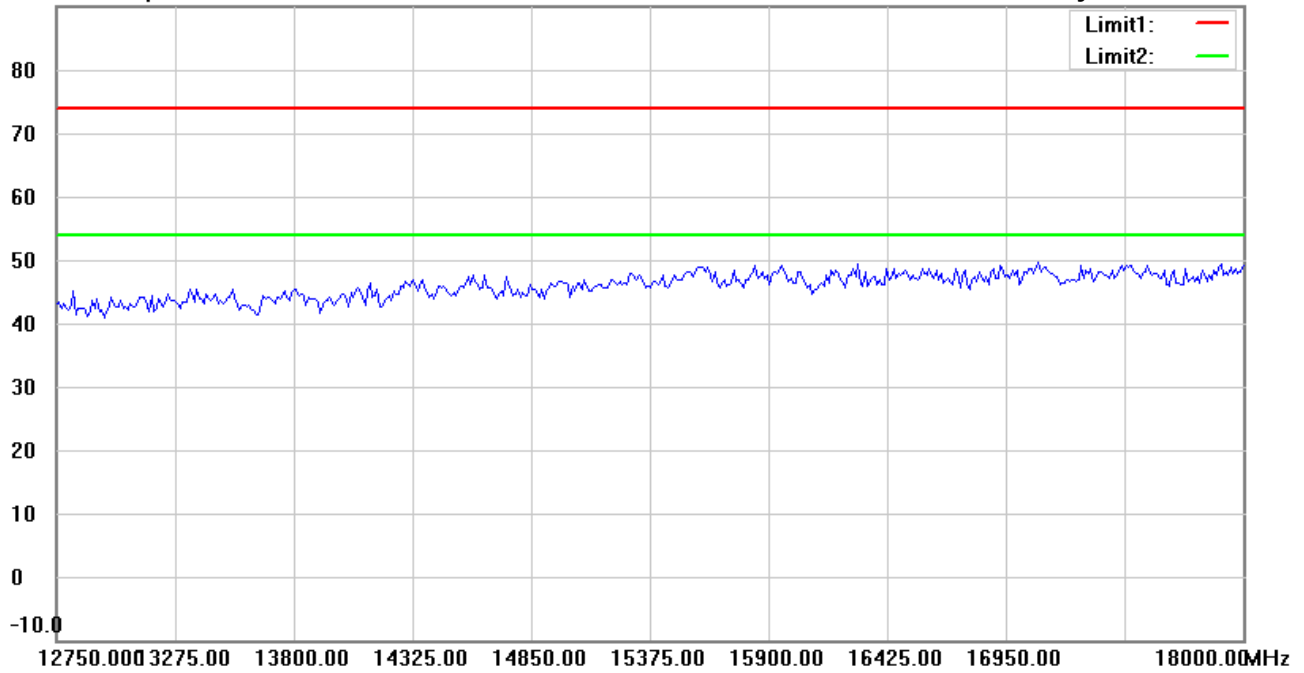
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:12:55 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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: Leon

File :3

Data :#5

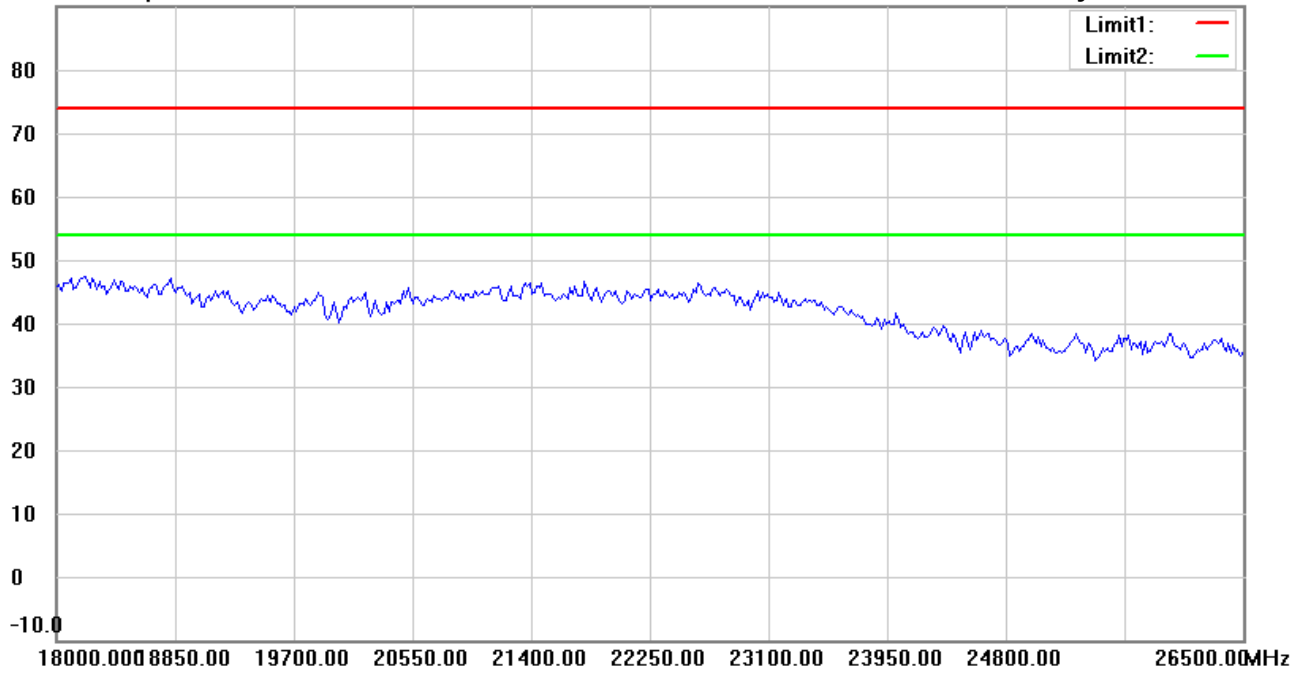
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:09:41 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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  
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Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

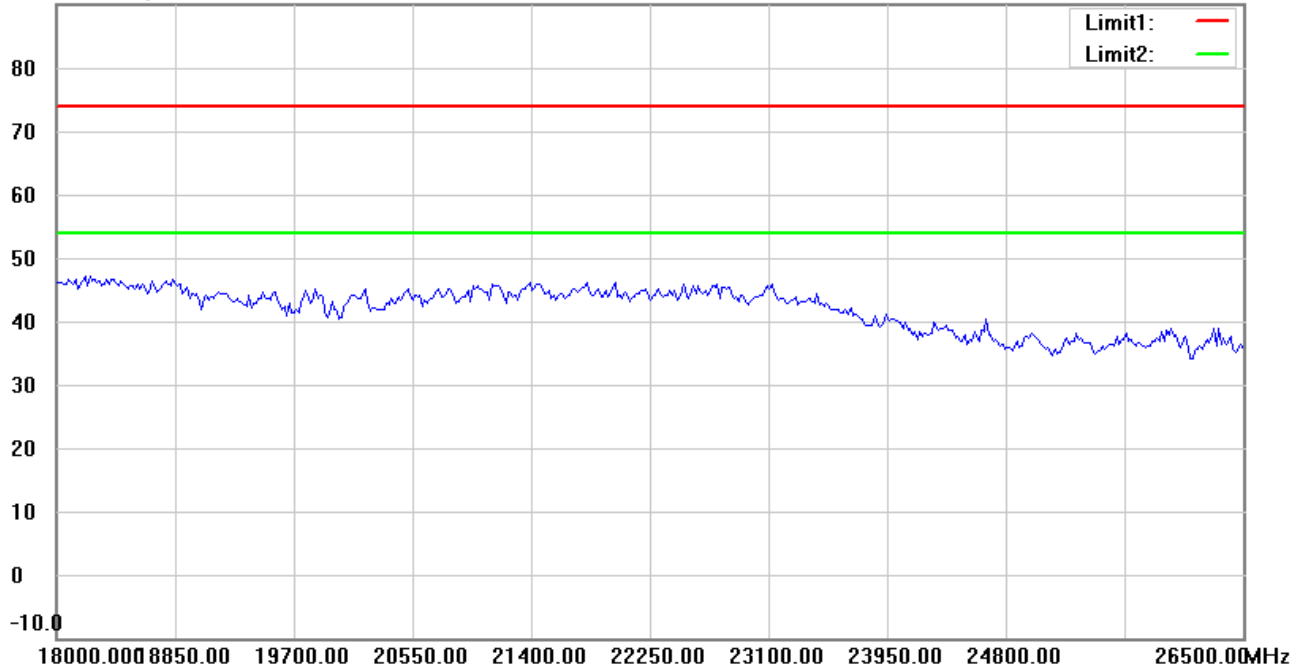
Date: 3/1/2020

Temperature:22.9 °C

90.0 dBuV/m

Time: 10:13:05 AM

Humidity:58.5 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22002-19655

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 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  
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 Fax:+886-2-6606-8875

**Radiated Emission Measurement**

Operator: Sky

File :1\_WiFi 2

Data :#1

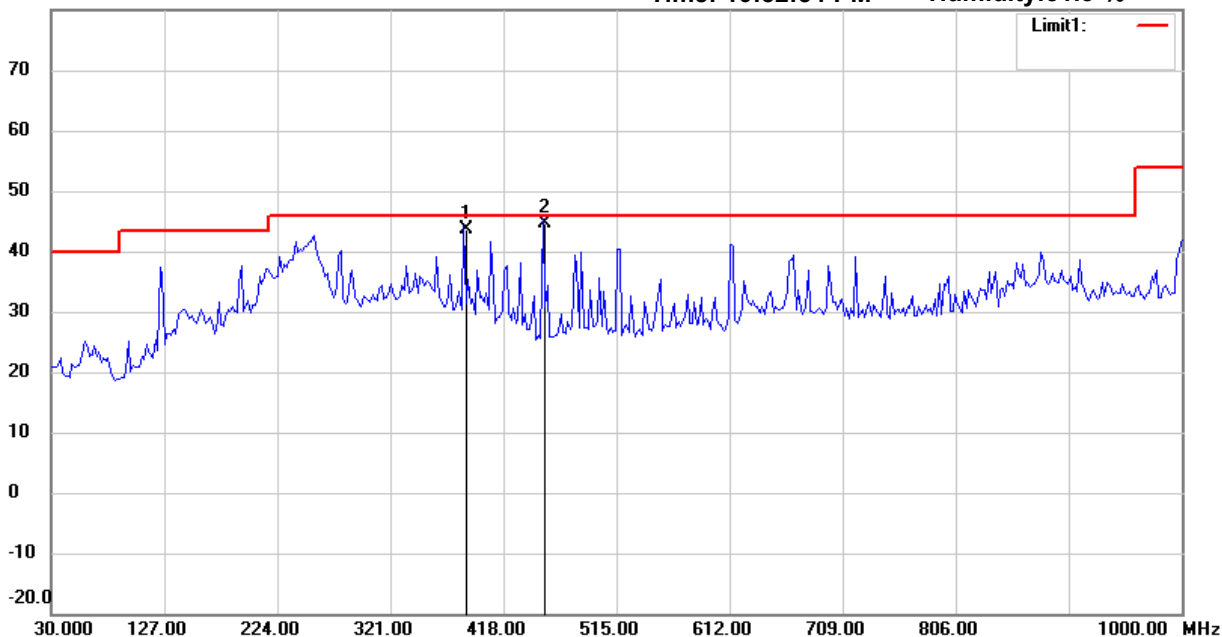
Date: 11/9/2021

Temperature:23.9 °C

80.0 dBuV/m

Time: 10:32:54 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Horizontal*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	384.0324	47.28	QP	-3.73	43.55	46.00	110	190	-2.45	
*	452.4060	47.44	QP	-2.88	44.56	46.00	114	10	-1.44	

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



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

Operator: Sky

File :1\_WiFi 2

Data :#2

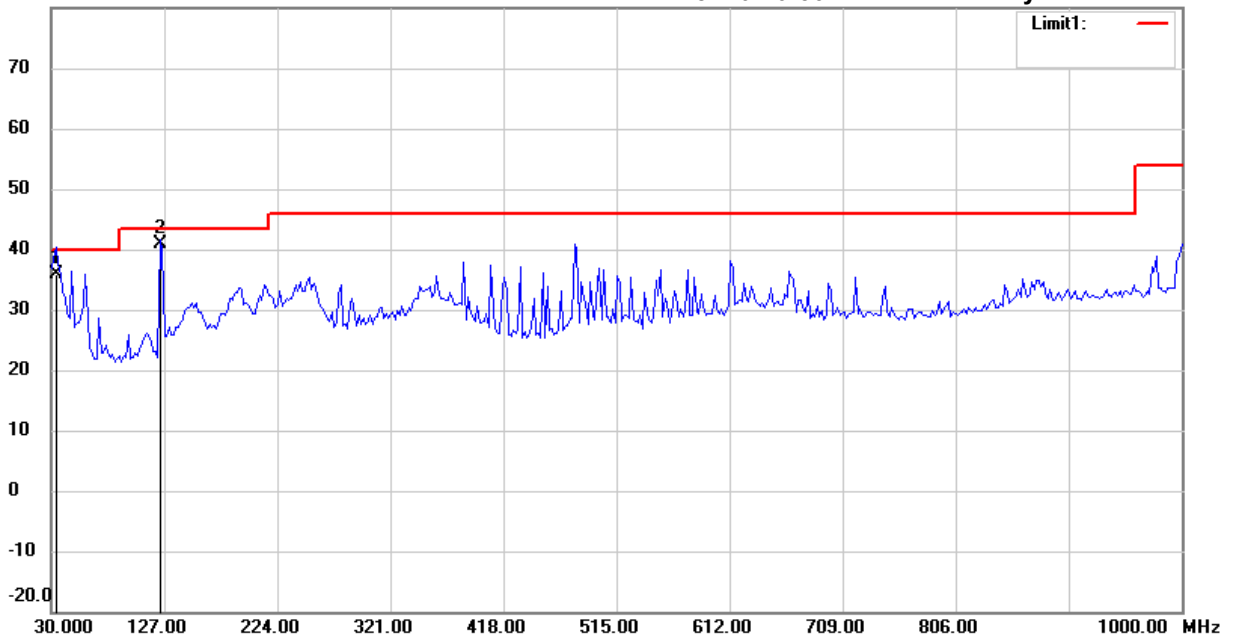
Date: 11/9/2021

Temperature:23.9 °C

80.0 dBuV/m

Time: 10:40:56 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Vertical*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	33.8878	44.18	QP	-8.19	35.99	40.00	105	110	-4.01	
*	123.3066	47.15	QP	-6.16	40.99	43.50	108	250	-2.51	

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





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**Radiated Emission Measurement**

Operator: Sky

File :1\_WiFi 2

Data :#1

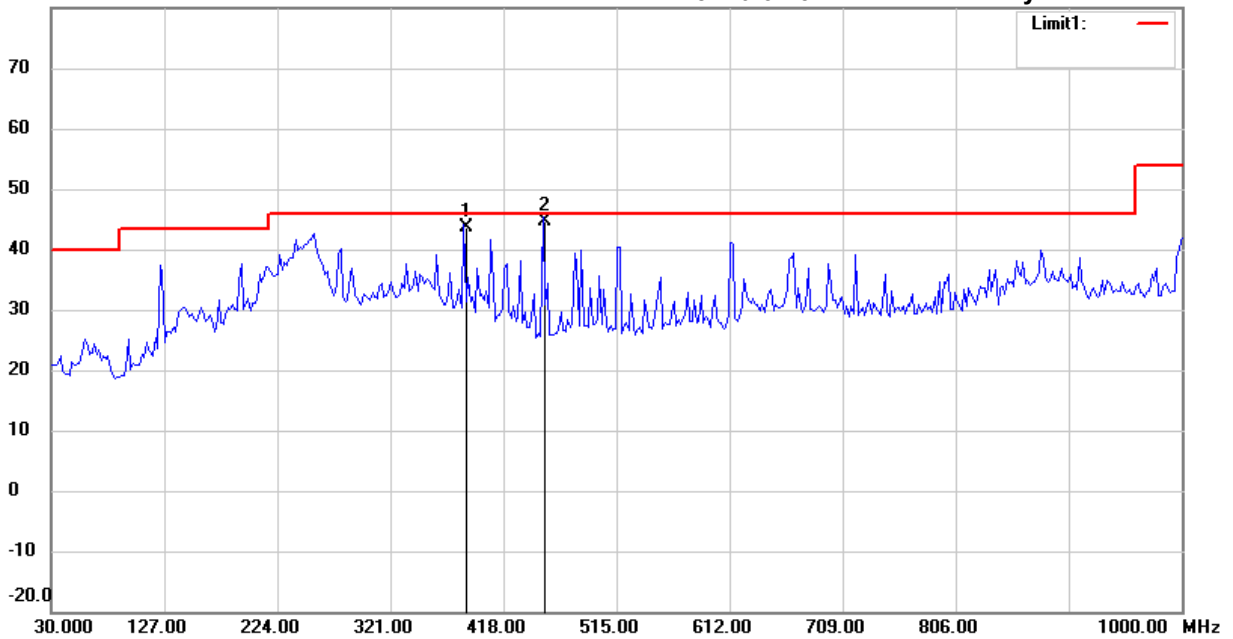
Date: 11/9/2021

Temperature:23.9 °C

80.0 dBuV/m

Time: 10:32:54 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Horizontal*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	384.0324	47.28	QP	-3.73	43.55	46.00	110	190	-2.45	
*	452.4060	47.44	QP	-2.88	44.56	46.00	114	10	-1.44	

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



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

Operator: Sky

File :1\_WiFi 2

Data :#2

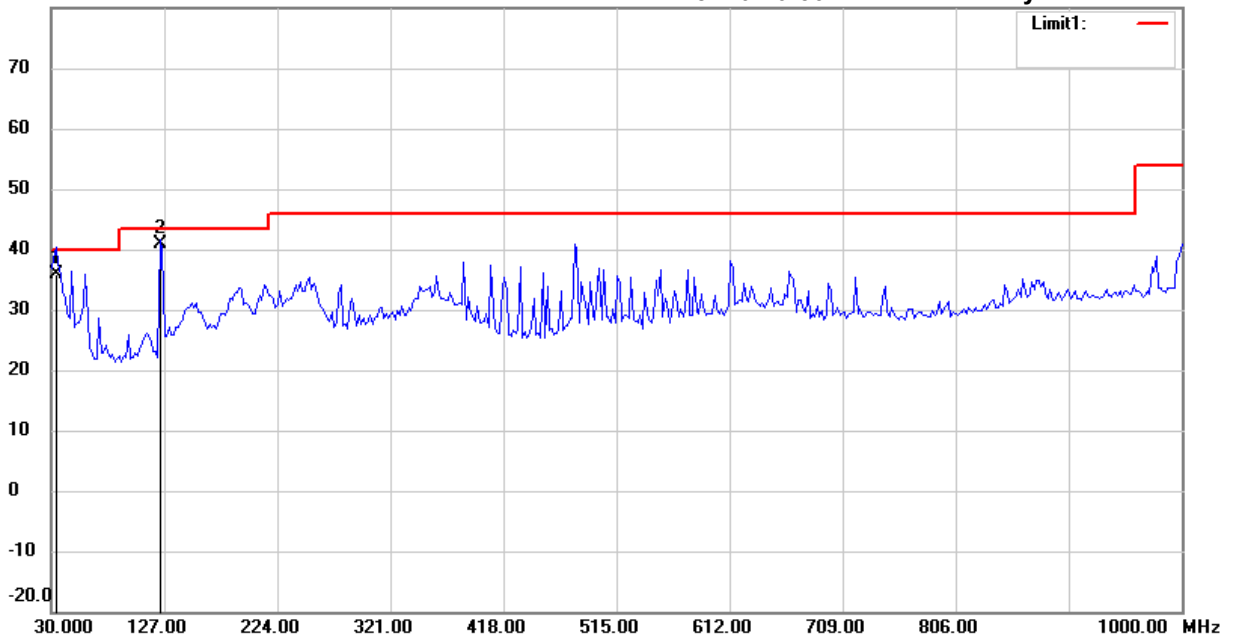
Date: 11/9/2021

Temperature:23.9 °C

80.0 dBuV/m

Time: 10:40:56 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_30-1000MHz

Polarization: *Vertical*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	33.8878	44.18	QP	-8.19	35.99	40.00	105	110	-4.01	
*	123.3066	47.15	QP	-6.16	40.99	43.50	108	250	-2.51	

\*: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: Sky

File :3

Data :#1

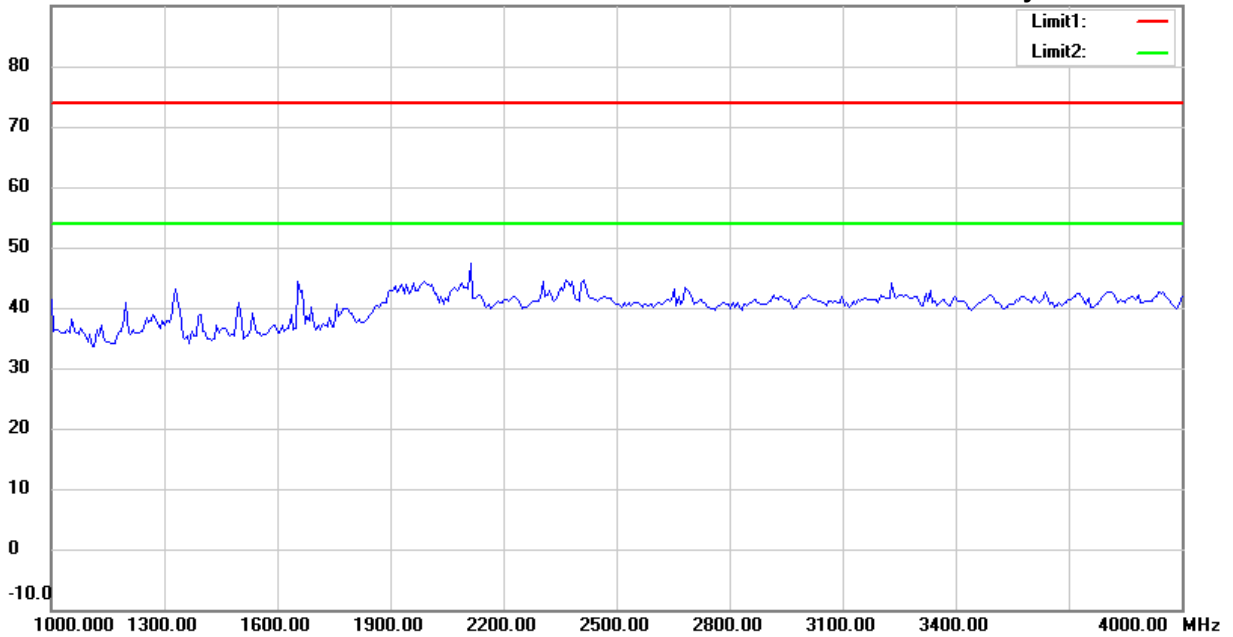
Date: 11/9/2021

Temperature:23.9 °C

90.0 dBuV/m

Time: 8:24:08 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

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



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

**Radiated Emission Measurement**

Operator: Sky

File :3

Data :#6

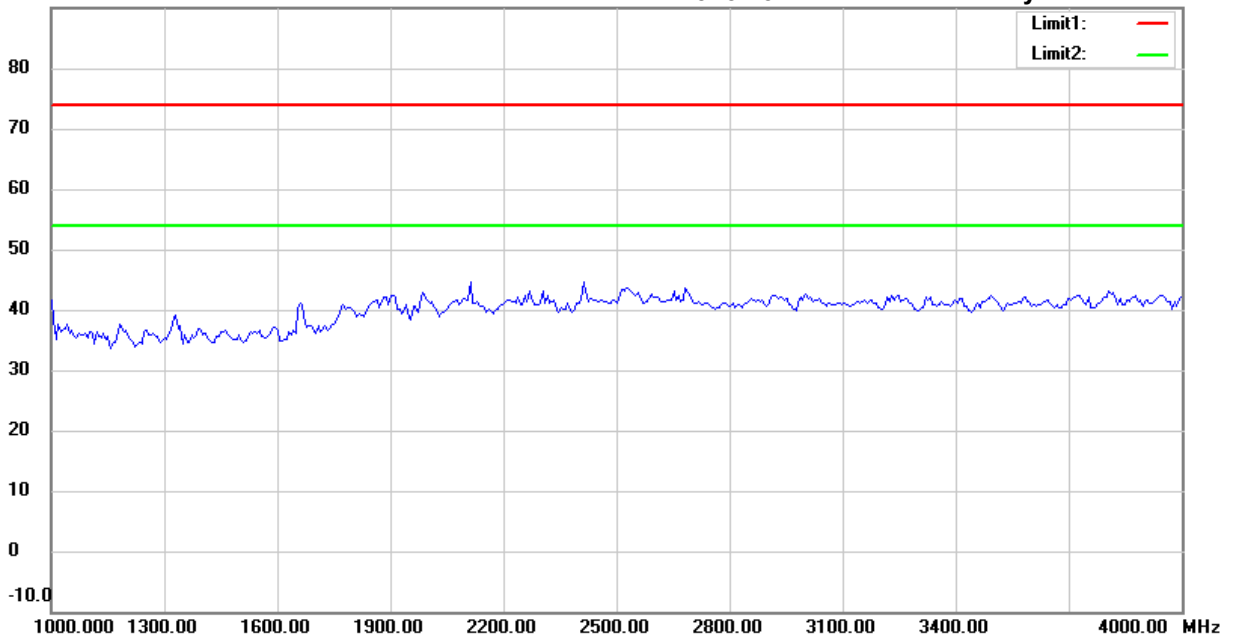
Date: 11/9/2021

Temperature:23.9 °C

90.0 dBuV/m

Time: 8:28:24 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

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



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**Radiated Emission Measurement**

Operator: Sky

File :3

Data :#2

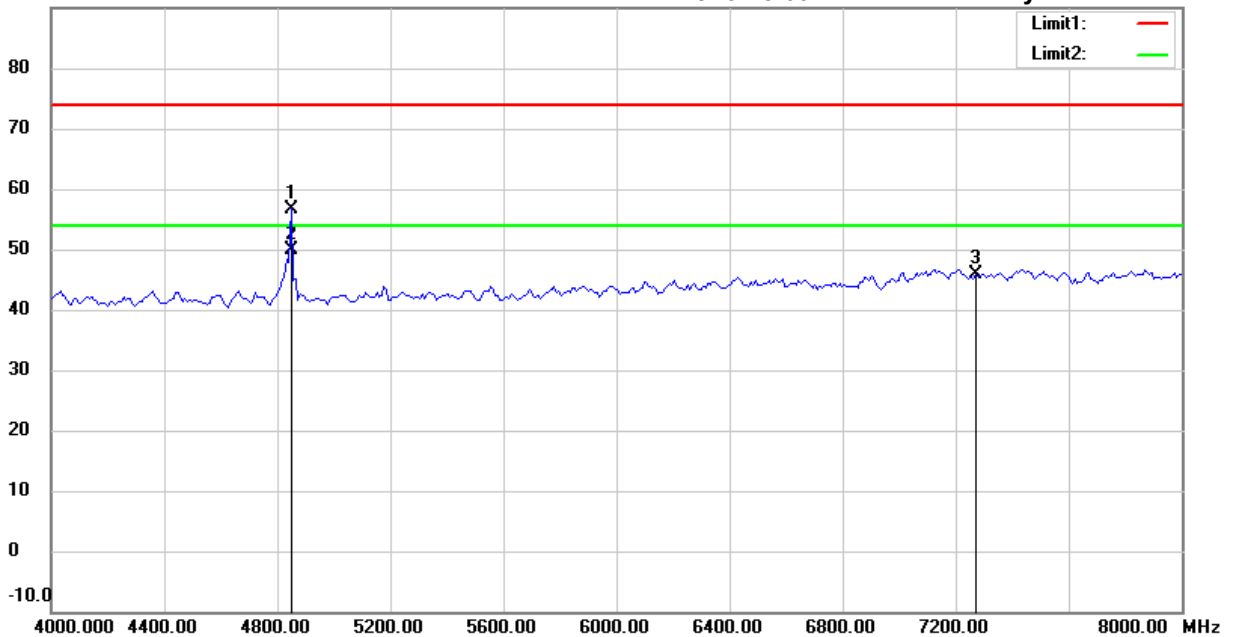
Date: 11/9/2021

Temperature:23.9 °C

90.0 dBuV/m

Time: 8:25:09 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4849.699	55.16	peak	1.59	56.75	74.00	150	110	-17.25	
*	4849.699	48.32	AVG	1.59	49.91	54.00	150	110	-4.09	
	7266.000	40.04	peak	5.83	45.87	74.00	150	60	-28.13	

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



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**Radiated Emission Measurement**

Operator: Sky

File :3

Data :#7

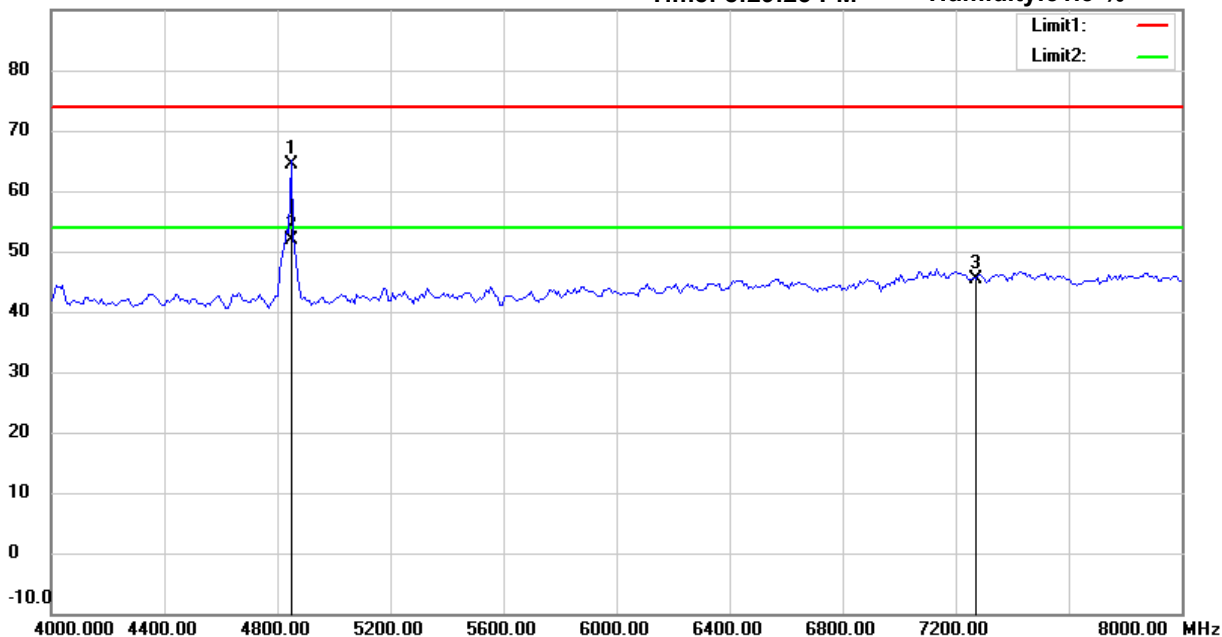
Date: 11/9/2021

Temperature:23.9 °C

90.0 dBuV/m

Time: 8:29:25 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4843.439	62.78	peak	1.56	64.34	74.00	153	349	-9.66	
*	4843.439	50.33	AVG	1.56	51.89	54.00	153	349	-2.11	
	7266.000	39.67	peak	5.83	45.50	74.00	150	220	-28.50	

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



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**Radiated Emission Measurement**

Operator: Sky

File :3

Data :#3

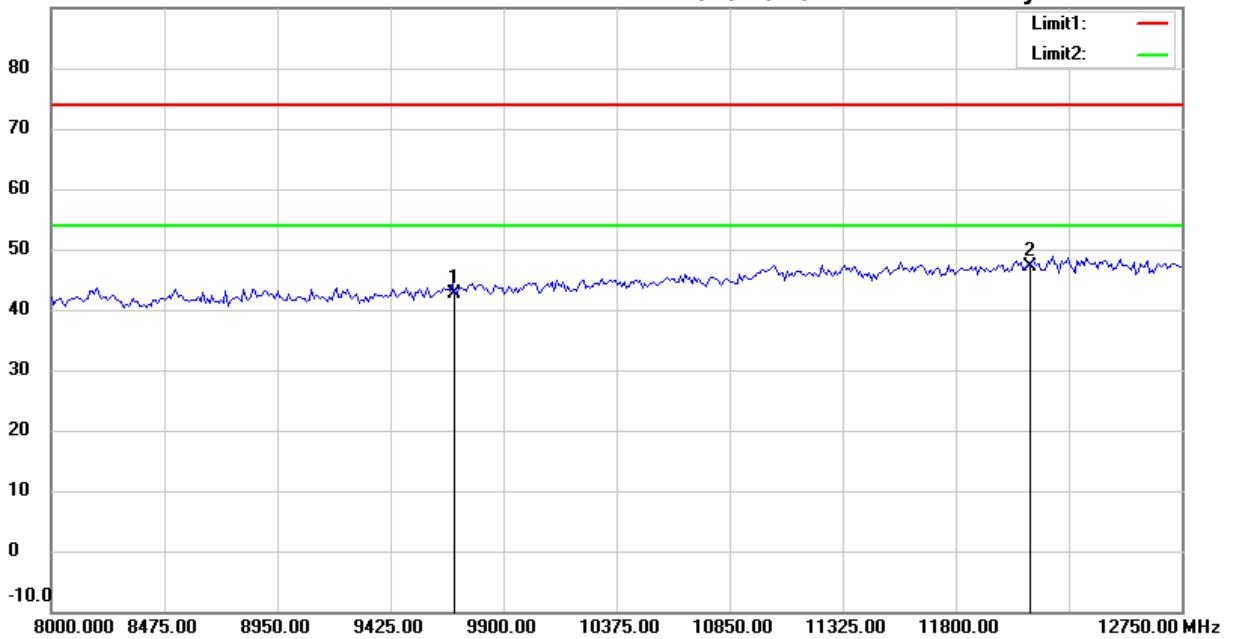
Date: 11/9/2021

Temperature:23.9 °C

90.0 dBuV/m

Time: 8:26:15 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9688.000	33.45	peak	9.17	42.62	74.00	150	41	-31.38	
*	12110.000	32.75	peak	14.36	47.11	74.00	150	77	-26.89	

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#8

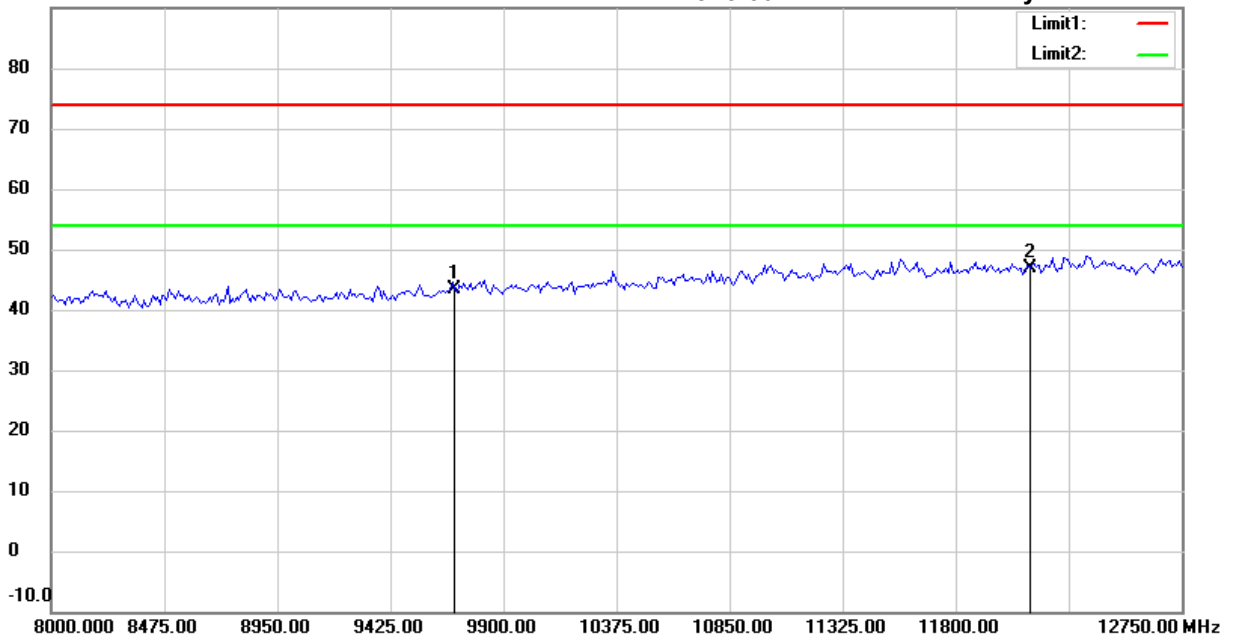
Date: 11/9/2021

Temperature:23.9 °C

90.0 dBuV/m

Time: 8:30:24 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9688.000	34.25	peak	9.17	43.42	74.00	150	50	-30.58	
*	12110.000	32.58	peak	14.36	46.94	74.00	150	113	-27.06	

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





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**Radiated Emission Measurement**

Operator: Sky

File :3

Data :#4

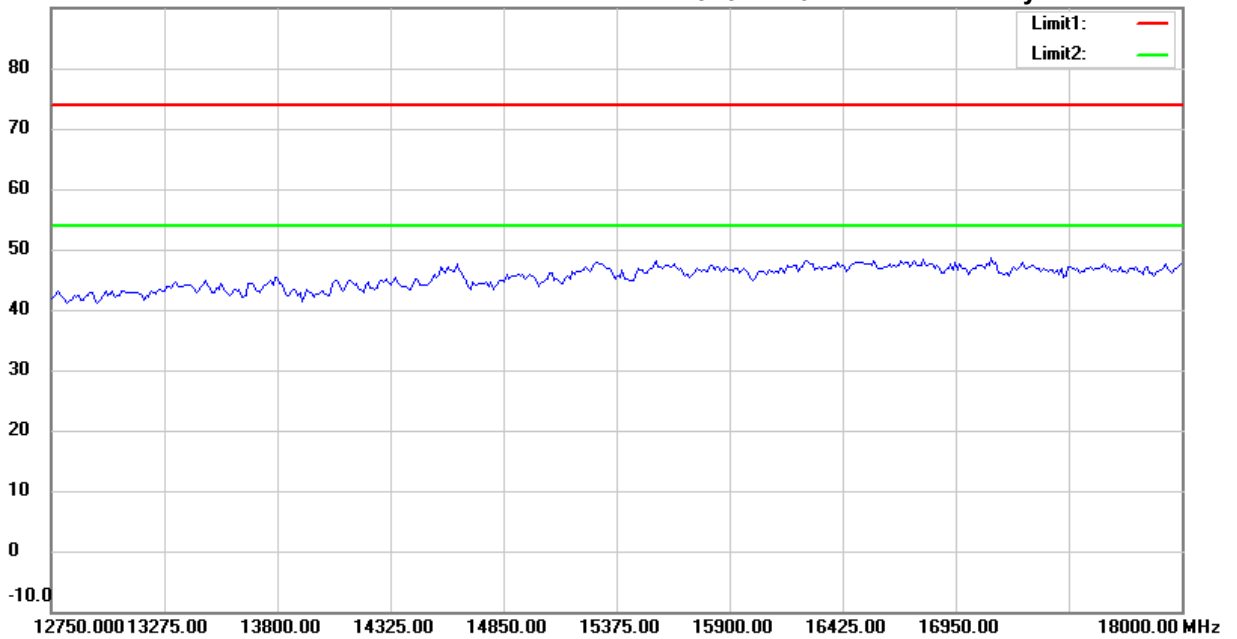
Date: 11/9/2021

Temperature:23.9 °C

90.0 dBuV/m

Time: 8:27:13 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

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



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**Radiated Emission Measurement**

Operator: Sky

File :3

Data :#9

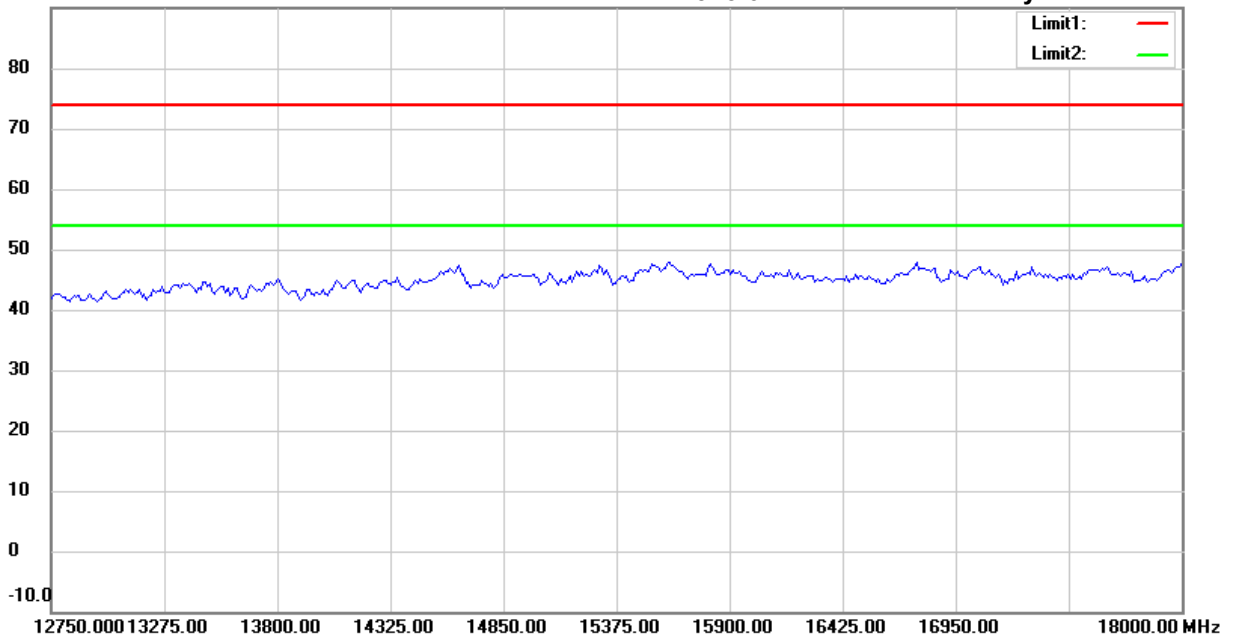
Date: 11/9/2021

Temperature:23.9 °C

90.0 dBuV/m

Time: 8:31:22 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

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



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Radiated Emission Measurement

Operator: Sky

File :3

Data :#5

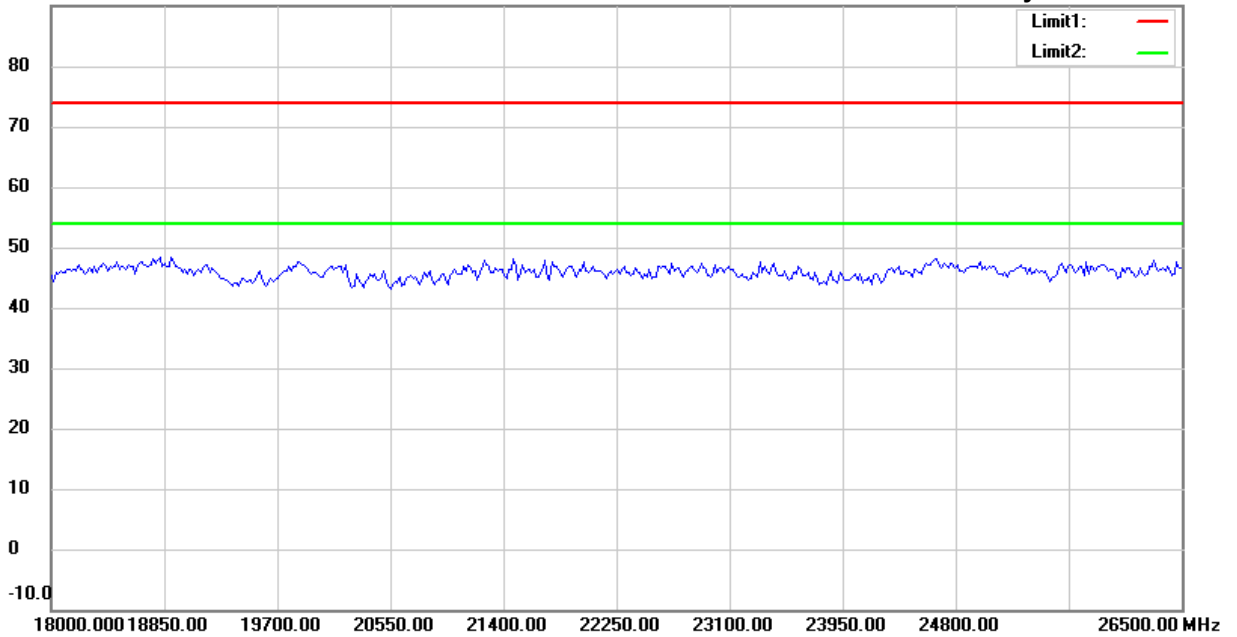
Date: 11/9/2021

Temperature:23.9 °C

90.0 dBuV/m

Time: 8:27:23 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Horizontal*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

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



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**Radiated Emission Measurement**

Operator: Sky

File :3

Data :#10

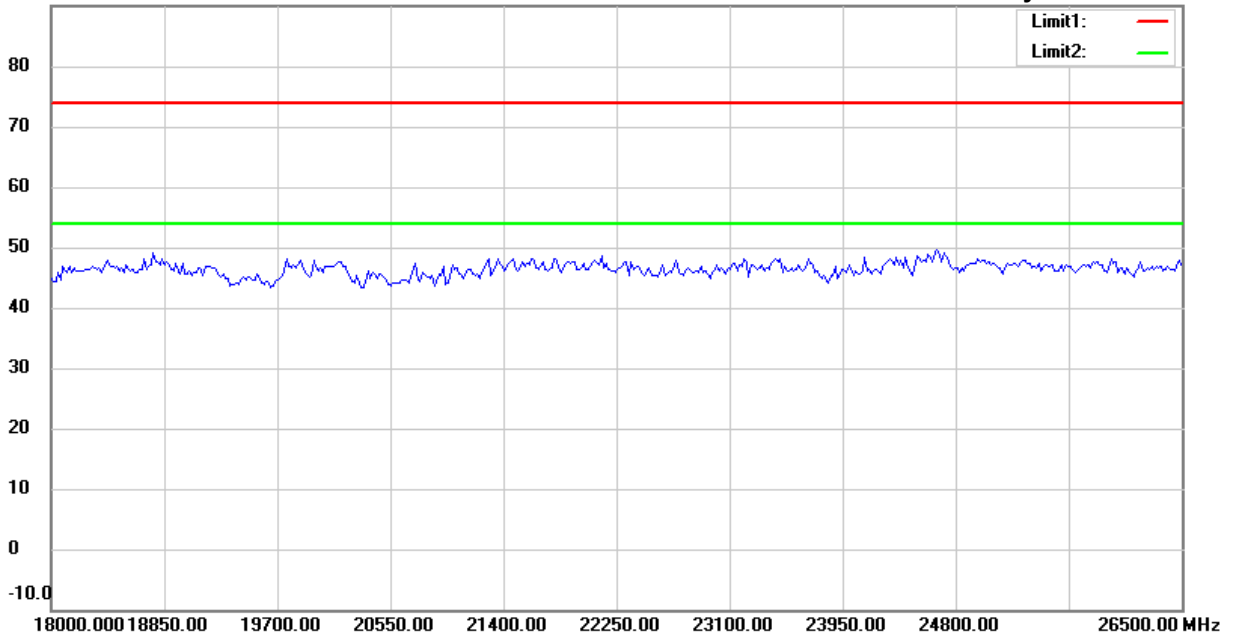
Date: 11/9/2021

Temperature:23.9 °C

90.0 dBuV/m

Time: 8:31:32 PM

Humidity:51.3 %



Site : Chamber

Condition : FCC\_part 15 RE-Class C\_Above 1GHz\_PK

Polarization: *Vertical*

EUT : W6R22110-21274

Power : 3.3 Vd.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH1

Note :

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