

**FCC PART 15 SUBPART C TEST REPORT**  
**for**  
**High Power AC1200 Plug-In Wi-Fi Range Extender**  
**Model No.: REC22A**  
**FCC ID: ZTT- REC22A**

of

Applicant: **Amped Wireless**  
Address: **13089 Peyton Dr. #C307 Chino Hills California 91709**  
**United States**

Tested and Prepared

by

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

**FCC Registration No.: 930600**

**Industry Canada filed test laboratory Reg. No. IC 5679A-1, IC 5107A-1**

**A2LA Accredited No.: 2732.01**



**Report No.: W6M21501-14799-C-1**

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

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#### **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:**

March 25, 2015

Mark Cheng

Date

WTS-Lab.

Name

Signature

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

March 25, 2015

Kevin Wang

Date

WTS

Name

Signature



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

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## **1.2 Testing laboratory**

### **1.2.1 Location**

OATS

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

3 meter semi-anechoic chamber

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

TEL:886-2-6613-0228

FAX:886-2-2791-5046

Company

Worldwide Testing Services(Taiwan) Co., Ltd.

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

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

Tel : 886-2-66068877

Fax : 886-2-66068879

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

Accredited testing laboratory

A2LA accredited number: 2732.01

FCC filed test laboratory Reg. No. 930600

Industry Canada filed test laboratory Reg. No. IC 5679A-1, IC 5107A-1



**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: Amped Wireless

Street: 13089 Peyton Dr. #C307 Chino Hills,

Town: California 91709

Country: United State

Telephone: 9092173227

Fax: 9095808883



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## 1.4 Application details

Date of receipt of test item: February 03, 2015  
Date of test: from February 04, 2015 to March 25, 2015

## 1.5 General information of Test item

Type of test item: High Power AC1200 Plug-In Wi-Fi Range Extender  
Model Number: REC22A  
Brand Name: Amped Wireless  
Multi-listing model number: ./.  
Photos: see Appendix

### Technical data

Frequency band: 2.4 GHz – 2.4835 GHz

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

Frequency ( ch 1 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: ANT1: Embedded Antenna / ANT2: Omni Antenna

Antenna gain: ANT1: 2 dBi / ANT2: 3.48 dBi

Directional gain: 5.78 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.]



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Power supply: I/P: 100-240 V~0.5 A, 50/60 Hz

Emission designator: Mode A (802.11b): DSSS: 13M8G1D  
Mode B (802.11g): OFDM: 17M0D1D  
Mode C (802.11n 20MHz): OFDM: 18M2D1D  
Mode D (802.11n 40MHz): OFDM: 36M8D1D

Host device: none

Classification:

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

## Transmitter

### **ANT1**

#### **Mode A (DSSS)**

Power ( ch 1 or A): Conducted: 26.16 dBm  
Power ( ch 6 or B): Conducted: 26.96 dBm  
Power ( ch 11 or C): Conducted: 27.42 dBm

#### **Mode B (OFDM)**

Power ( ch 1 or A): Conducted: 27.66 dBm  
Power ( ch 6 or B): Conducted: 27.73 dBm  
Power ( ch 11 or C): Conducted: 27.13 dBm

#### **Mode C (OFDM)**

Power ( ch 1 or A): Conducted: 25.93 dBm  
Power ( ch 6 or B): Conducted: 25.95 dBm  
Power ( ch 11 or C): Conducted: 26.20 dBm

#### **Mode D (OFDM)**

Power ( ch 1 or A): Conducted: 26.48 dBm  
Power ( ch 4 or B): Conducted: 26.82 dBm  
Power ( ch 7 or C): Conducted: 26.43 dBm

## Unom



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## **ANT2**

### **Mode A (DSSS)**

Power ( ch 1 or A): Conducted: 27.94 dBm

Power ( ch 6 or B): Conducted: 27.60 dBm

Power ( ch 11 or C): Conducted: 28.51 dBm

### **Mode B (OFDM)**

Power ( ch 1 or A): Conducted: 27.67 dBm

Power ( ch 6 or B): Conducted: 27.63 dBm

Power ( ch 11 or C): Conducted: 27.68 dBm

### **Mode C (OFDM)**

Power ( ch 1 or A): Conducted: 25.93 dBm

Power ( ch 6 or B): Conducted: 25.93 dBm

Power ( ch 11 or C): Conducted: 26.81 dBm

### **Mode D (OFDM)**

Power ( ch 1 or A): Conducted: 26.58 dBm

Power ( ch 4 or B): Conducted: 26.39 dBm

Power ( ch 7 or C): Conducted: 26.79 dBm

Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	783.48	785.29	896.6	28.94	28.95	29.53
802.11n 40MHz	899.62	916.35	917.07	29.54	29.62	29.62

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

Name: EDIMAX TECHNOLOGY CO., LTD.  
Street: No.3, Wu-Chuan 3rd Road, Wu-Ku Industrial Park,  
Town: New Taipei City,  
Country: Taiwan

## **1.6 Test standards**

Technical standard : FCC RULES PART 15 SUBPART C § 15.247 (2013-10)



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## **2 Technical test**

### **2.1 Summary of test results**

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

**or**

The deviations as specified in 2.5 were ascertained in the course of the tests performed.

### **2.2 Test environment**

Temperature: 23 °C  
Relative humidity content: 20 ... 75 %  
Air pressure: 86 ... 103 kPa  
Power supply: I/P: 100-240 V~0.5 A, 50/60 Hz  
Extreme conditions parameters: ./.





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## 2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2014/9/2	2015/9/1
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
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	2014/7/8	2015/7/7
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2014/10/13	2015/10/12
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2014/9/2	2015/9/1
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2014/9/2	2015/9/1
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	2014/10/15	2015/10/14
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2014/7/01	2015/6/30
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2015/3/2	2016/3/1
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 049	TRILOG Super Broadband test Antenna	VULB 9160	9160-3185	Schwarzbeck	2015/2/17	2016/2/16
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2015/3/2	2016/3/1
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2015/3/2	2016/3/1
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2015/3/2	2016/3/1
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2014/6/05	2015/6/04
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2015/3/2	2016/3/1
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2014/11/26	2015/11/25
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	2014/10/9	2015/10/8
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2014/9/22	2015/9/21
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2015/3/2	2016/3/1
ETSTW-RE 106	Humidity Temperature Meter	TES-1366	091011113	TES	2014/11/7	2015/11/6
ETSTW-RE 111	TRILOG Super Broadband test Antenna	VULB 9160	9160-3309	Schwarz beck	2014/12/5	2015/12/4
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	None	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2015/1/7	2016/1/6
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2014/6/11	2015/6/10
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2014/8/12	2015/8/11



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ETSTW-RE 126	5GHz Notch filter	5NSL11-5800/E221.3-O/O	1	K&L Microwave	2014/8/12	2015/8/11
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2015/3/2	2016/3/1
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2014/8/12	2015/8/11
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2014/8/12	2015/8/11
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2014/10/20	2015/10/19
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2015/1/7	2016/1/6
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2015/1/7	2016/1/6
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2015/1/7	2016/1/6
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2015/1/7	2016/1/6
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2014/9/17	2015/9/16
ETSTW-Cable 010	BNC Cable	5 M BNC Cable	None	JYE BAO CO.,LTD.	2014/10/15	2015/10/14
ETSTW-Cable 011	BNC Cable	BNC Cable 1	None	JYE BAO CO.,LTD.	Pre-test Use NCR	
ETSTW-Cable 012	N TYPE To SMA Cable	Cable 012	None	JYE BAO CO.,LTD.	2014/10/15	2015/10/14
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2015/2/25	2016/2/24
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2015/2/25	2016/2/24
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2015/2/25	2016/2/24
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2015/2/25	2016/2/24
ETSTW-Cable 022	N TYPE Cable	5006	0002	JYE BAO CO.,LTD.	2015/2/17	2016/2/16
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2015/3/2	2016/3/1
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2015/3/2	2016/3/1
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2015/1/16	2016/1/15
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2014/9/22	2015/9/21
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2015/3/2	2016/3/1
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104 (S_Cable 10)	238092	HUBER+SUHNER	2014/11/26	2015/11/25
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2014/11/26	2015/11/25
ETSTW-Cable 048	Microwave Cable	SUCOFLEX 104	325518	HUBER+SUHNER	2014/11/26	2015/11/25
ETSTW-Cable 053	N TYPE To SMA Cable	RG142	None	JYE BAO CO.,LTD.	2015/2/17	2016/2/16
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2015/2/17	2016/2/16
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMCC	None	Farad	Version ETS-03A1	



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## **2.4 General Test Procedure**

**POWER LINE CONDUCTED INTERFERENCE:** The procedure used was ANSI STANDARD C63.4-2014 5.2 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 C63.4-2014 6.4 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 C63.4-2014 6.3.1. 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.

Measurements were made by Worldwide Testing Services(Taiwan) Co., Ltd. at the registered open field test site located at No.5-1, Lishui, Shuang Sing Village, Wanli Dist., New Taipei City 207, Taiwan (R.O.C.). The Registration Number: 930600.

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 C63.4-2014 10.2.7: 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(c): 15.209	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Band Edge Measurement	15.247(c)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum 6 dB Bandwidth	15.247(d)	<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 3\*3 spatial MIMO (3Tx&3Rx) 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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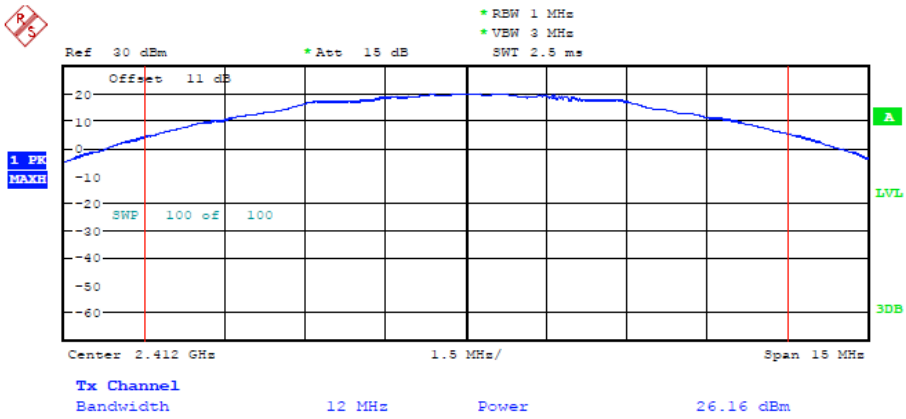
### 3.1 Peak Output Power (transmitter)

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

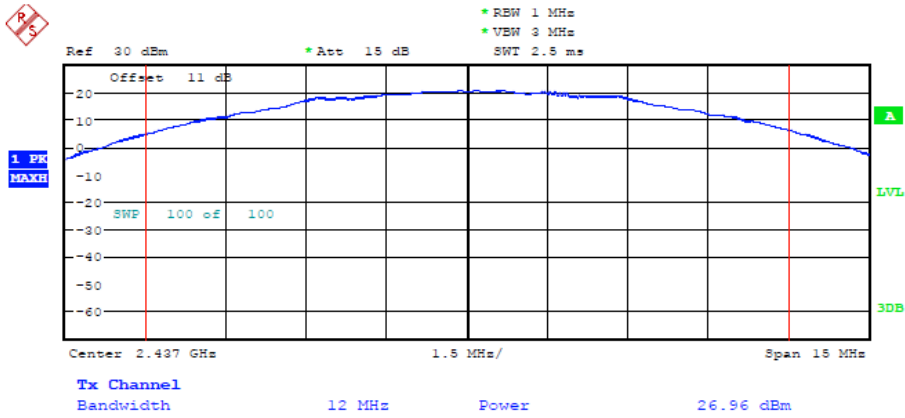


MAX OUTPUT POWER 802.11B CH01  
Date: 12.MAR.2015 15:02:11

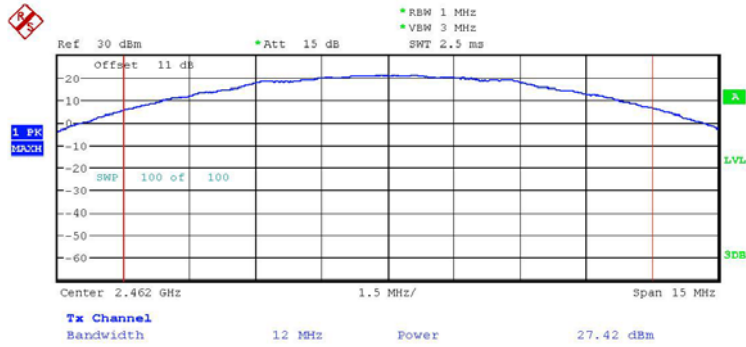


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



MAX OUTPUT POWER 802.11B CH06  
Date: 12.MAR.2015 15:02:46

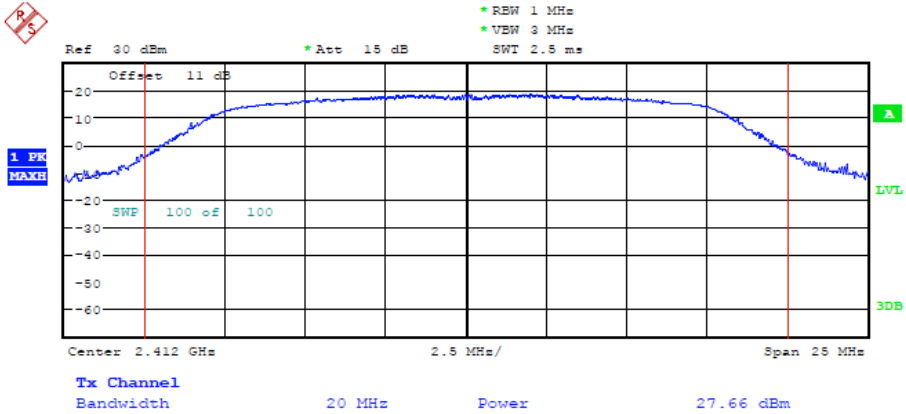


MAX OUTPUT POWER 802.11B CH11  
Date: 12.MAR.2015 15:03:25

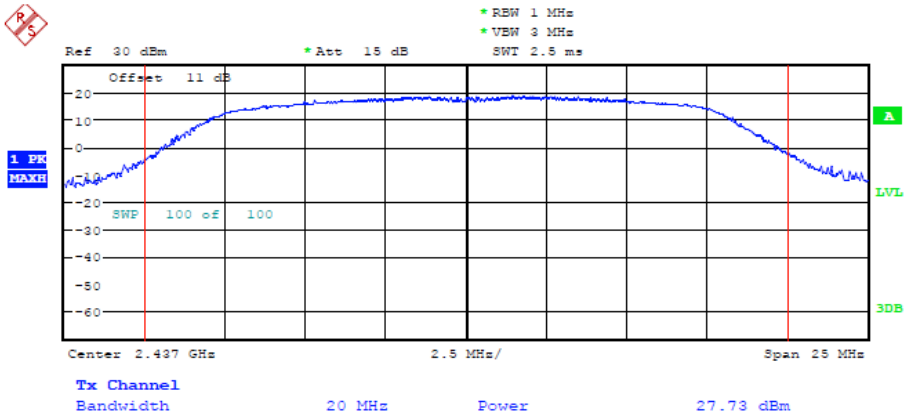


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



MAX OUTPUT POWER 802.11G CH01  
Date: 12.MAR.2015 17:35:35



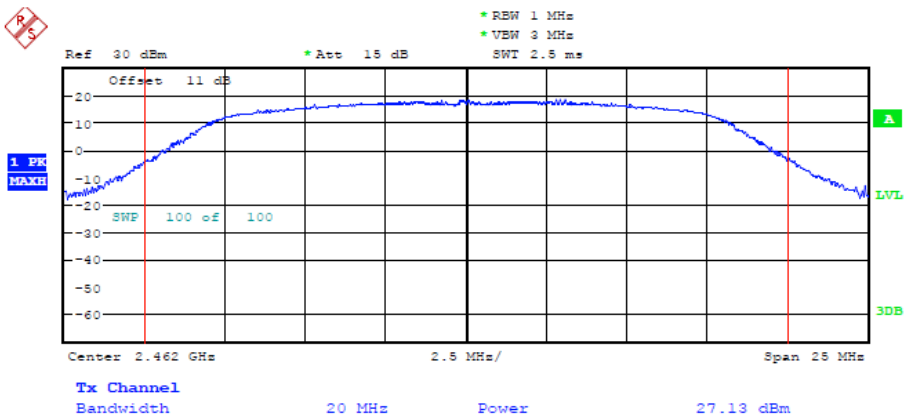
MAX OUTPUT POWER 802.11G CH06  
Date: 12.MAR.2015 17:36:29



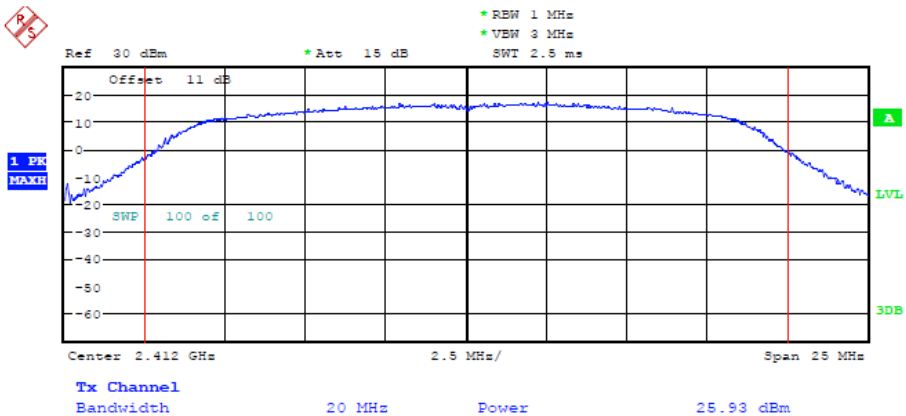


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



MAX OUTPUT POWER 802.11G CH11  
Date: 12.MAR.2015 17:37:23

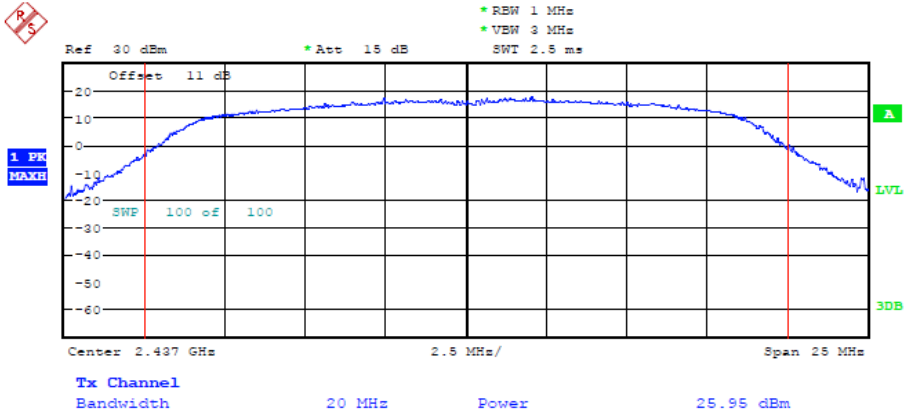


MAX OUTPUT POWER 802.11N 20MHZ CH01  
Date: 12.MAR.2015 17:44:15

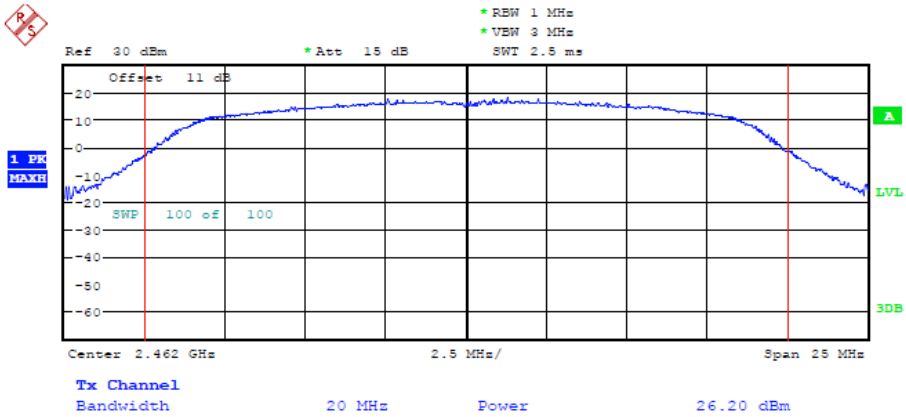


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



MAX OUTPUT POWER 802.11N 20MHZ CH06  
Date: 12.MAR.2015 17:44:48

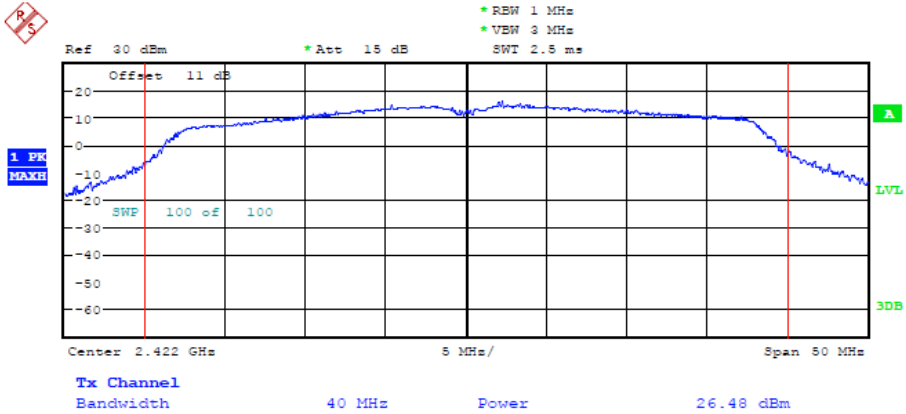


MAX OUTPUT POWER 802.11N 20MHZ CH11  
Date: 12.MAR.2015 17:45:30

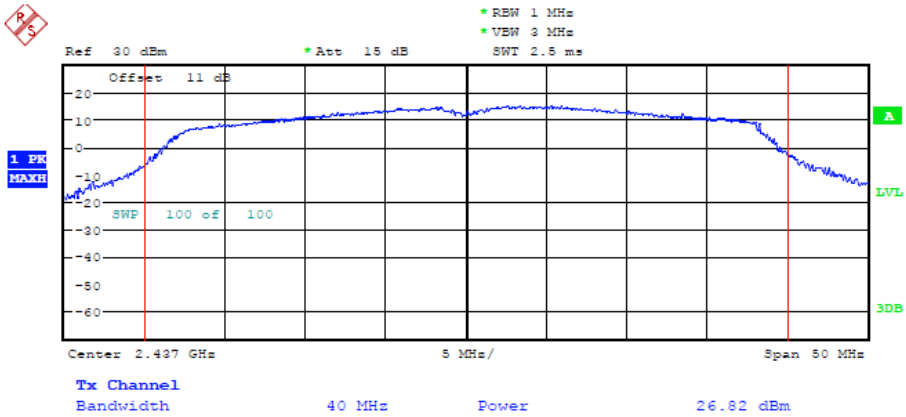


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



MAX OUTPUT POWER 802.11N 40MHZ CH01  
Date: 12.MAR.2015 17:46:46

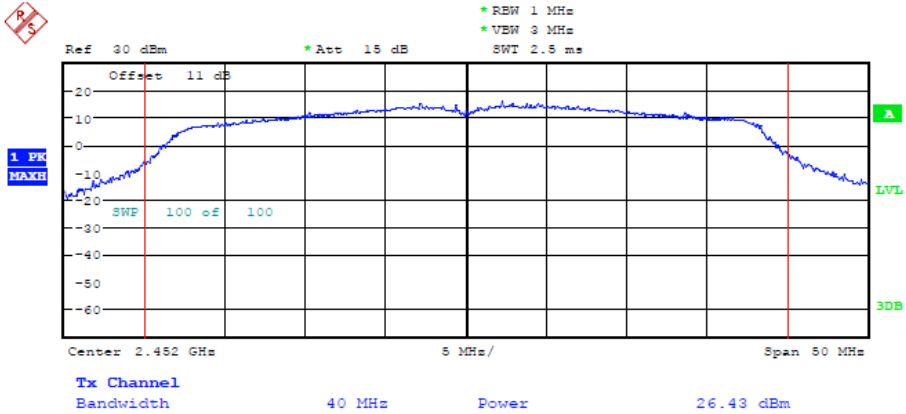


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Date: 12.MAR.2015 17:47:45



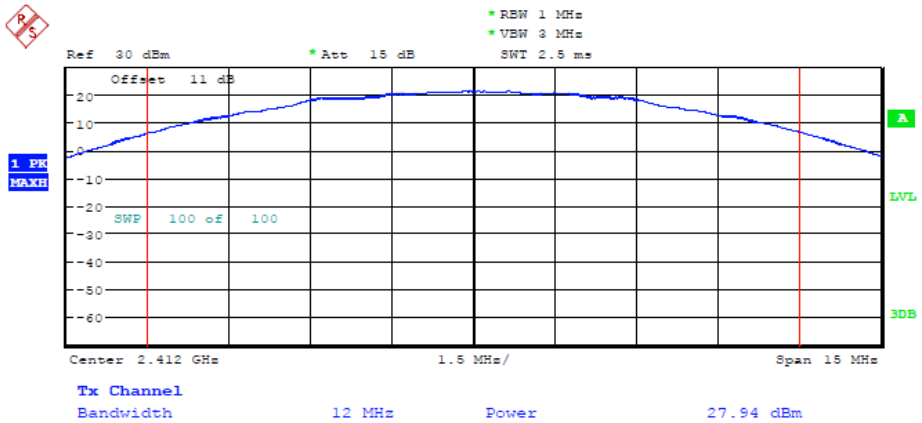
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



MAX OUTPUT POWER 802.11N 40MHZ CH07  
Date: 12.MAR.2015 17:48:35

## ANT2

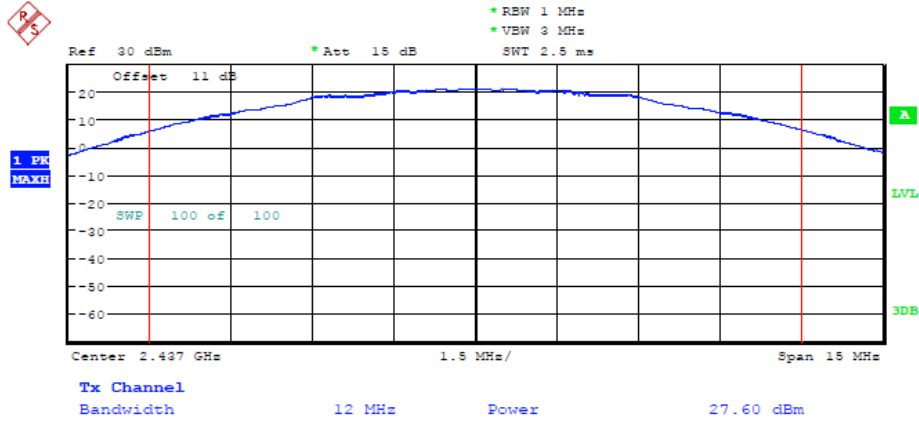


MAX OUTPUT POWER 802.11B CH01  
Date: 12.MAR.2015 14:24:23

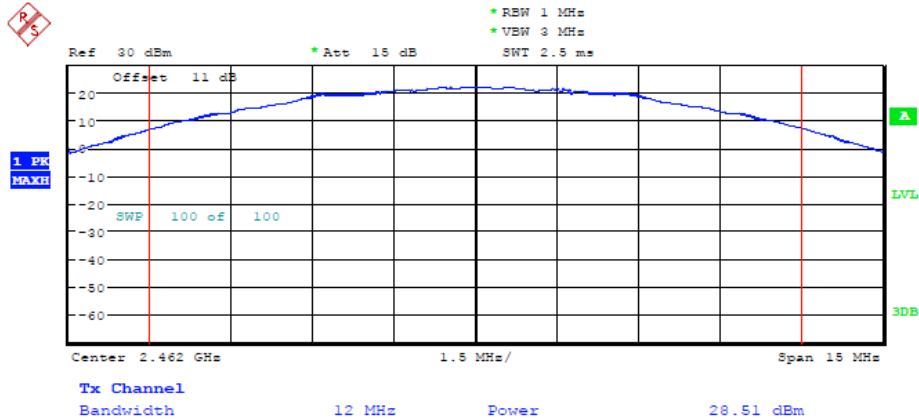


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



MAX OUTPUT POWER 802.11B CH06  
Date: 12.MAR.2015 14:25:03

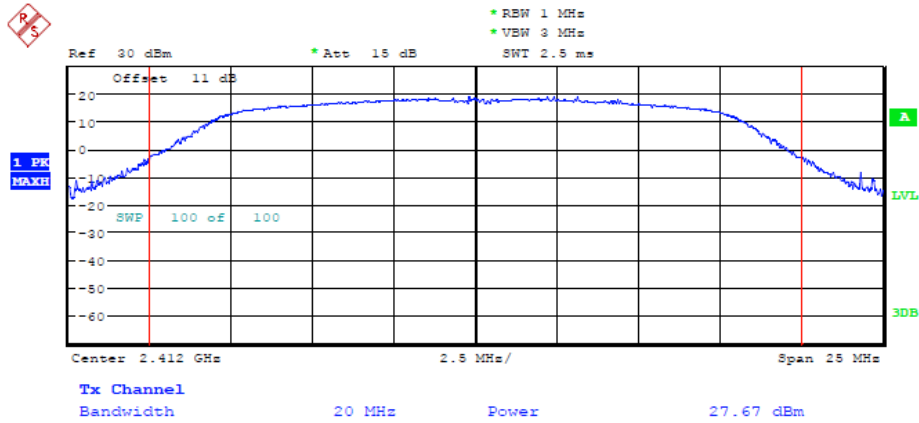


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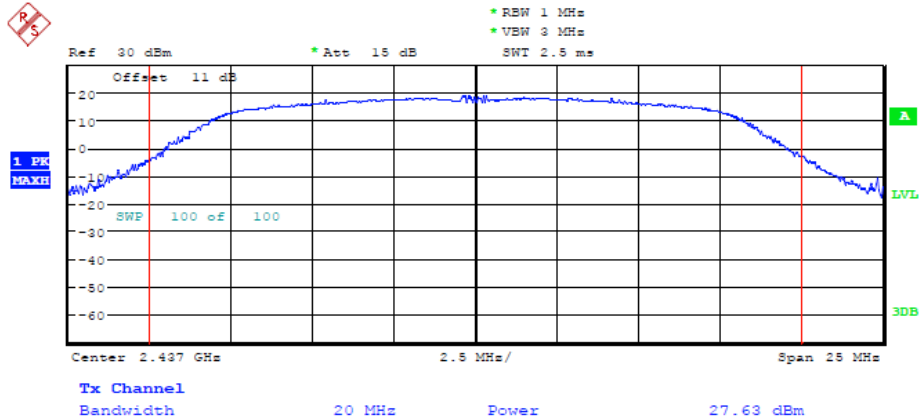


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



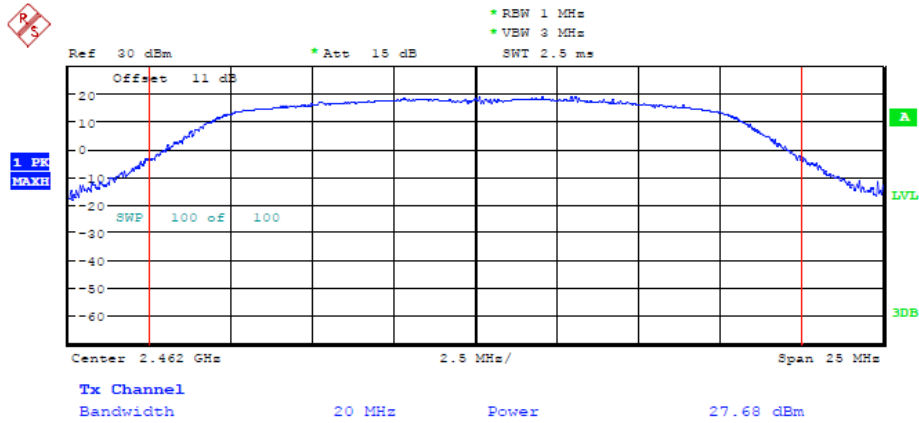
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Date: 12.MAR.2015 17:31:04



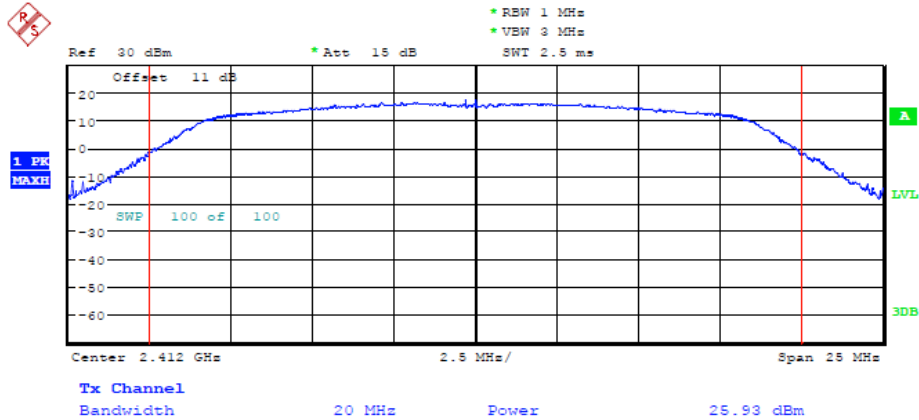
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Date: 12.MAR.2015 17:31:52



Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



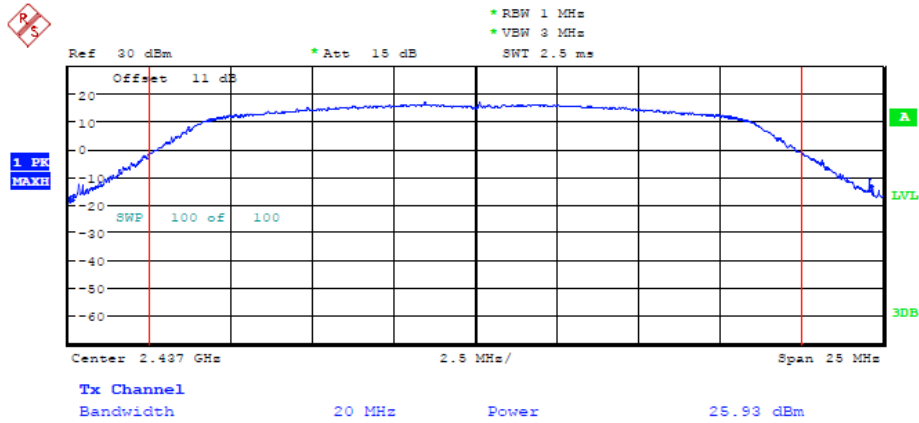
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Date: 12.MAR.2015 17:32:39



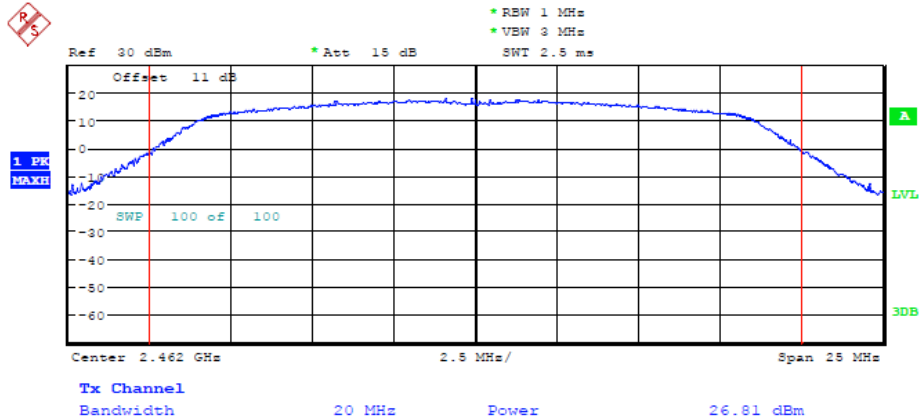
MAX OUTPUT POWER 802.11N 20MHZ CH01  
Date: 12.MAR.2015 17:22:31



Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



MAX OUTPUT POWER 802.11N 20MHZ CH06  
Date: 12.MAR.2015 17:23:23



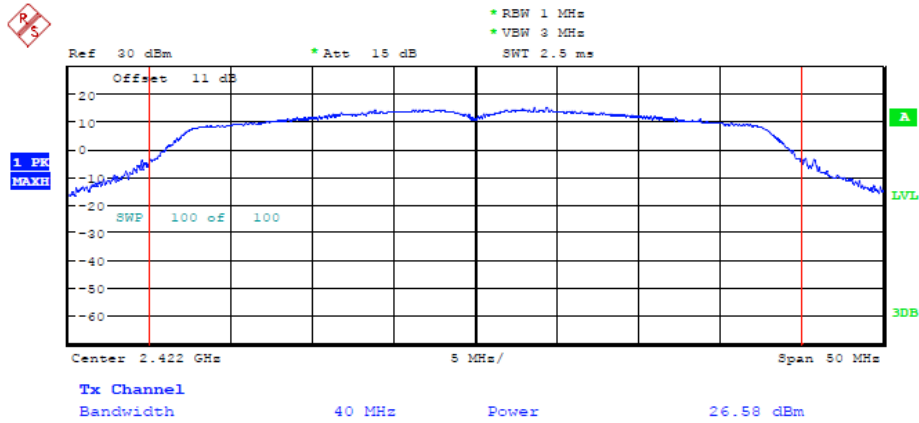
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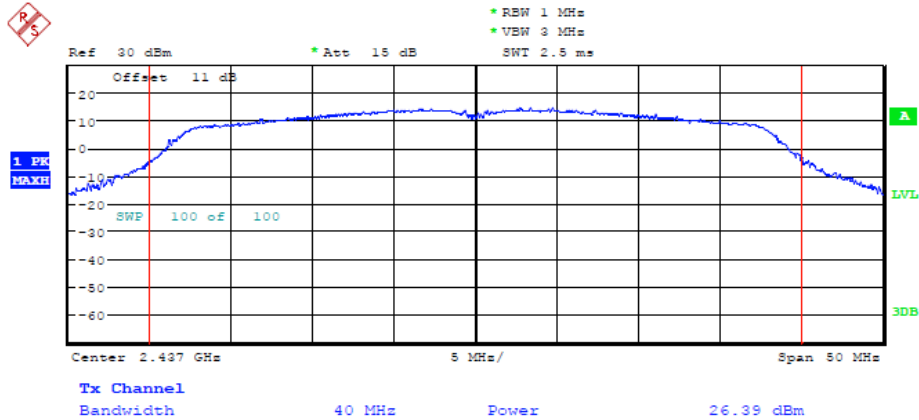


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



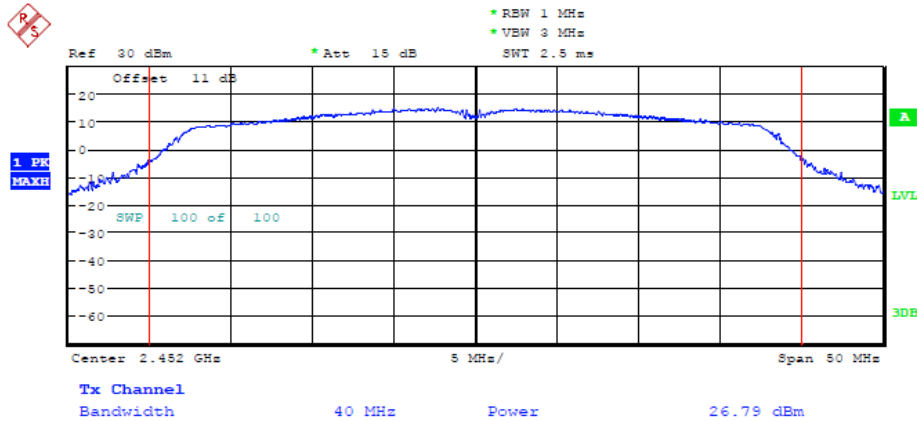
MAX OUTPUT POWER 802.11N 40MHZ CH01  
Date: 12.MAR.2015 17:27:38



MAX OUTPUT POWER 802.11N 40MHZ CH04  
Date: 12.MAR.2015 17:28:25



Registration number: W6M21501-14799-C-1  
 FCC ID: ZTT-REC22A



MAX OUTPUT POWER 802.11N 40MHZ CH07  
 Date: 12.MAR.2015 17:29:08

ANT1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	391.74	393.55	416.87	25.93	25.95	26.20
802.11n 40MHz	444.63	480.84	439.54	26.48	26.82	26.43
ANT2	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	391.74	391.74	479.73	25.93	25.93	26.81
802.11n 40MHz	454.99	435.51	477.53	26.58	26.39	26.79
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	783.48	785.29	896.60	28.94	28.95	29.53
802.11n 40MHz	899.62	916.35	917.07	29.54	29.62	29.62



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

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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



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**3.2 Equivalent isotropic radiated power**

FCC Rule: 15.247(b)(3)

For systems using digital modulation in the 2.4 GHz – 2.4835 GHz bands: 1 Watt.

The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Test equipment used: ETSTW-RE 055

**3.3 RF Exposure Compliance Requirements**

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 0.25 m normally can be maintained between the user and the device.

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.

$$S = \frac{PG}{4 \pi R^2}$$

- S – Power Density
- P – Output power ERP
- R – Distance
- D – Cable Loss
- AG – Antenna Gain

Item	Unit	Value	Remarks
P	mW	917.07	Peak value
D	dB		
AG	dBi	5.78	
G		3.7844	Calculated Value
R	cm	20	Assumed value
S	mW/cm <sup>2</sup>	0.6898	Calculated value

Limits:

Limit for General Population / Uncontrolled Exposure	
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 (c), 15.205, 15.209, 15.35  
Radiated emission measurements were performed from 30 MHz to 26500 MHz.  
For radiated emission tests, the analyzer setting was as followings:

- Frequency  $\leq$  1 GHz, RBW:100 kHz, VBW: 100 kHz (Peak measurements)
- Frequency  $>$  1 GHz, RBW: 1 MHz, VBW: 1 MHz (Peak measurements)
- Frequency  $>$  1 GHz , RBW:1 MHz , VBW: 10 Hz (Average measurements)

Limits.

For frequencies below 1GHz:

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

For frequencies above 1GHz (Average measurements).

Guidance on Measurement of Digit Transmission Systems:

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

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

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

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

Explanation: See attached diagrams in Appendix.



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### **3.5 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: REC22A Date: --  
 Mode: -- Temperature: -- °C Engineer: --  
 Polarization: -- Humidity: -- %

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

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

### Note

1. Correction Factor = Antenna factor + Cable loss - Preamplifier
2. The formula of measured value as: Test Result = Reading + Correction Factor
3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
4. All not in the table noted test results are more than 20 dB below the relevant limits.
5. Measurement uncertainty for 3m measurement: 30-1000 MHz = ± 2.84 dB, 1-18 GHz = ± 2.84 dB, 18-40 GHz = ± 3.31 dB ; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.
6. See attached diagrams in appendix.

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

Test equipment used: ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 111,  
 ETSTW-RE 088, ETSTW-RE 018



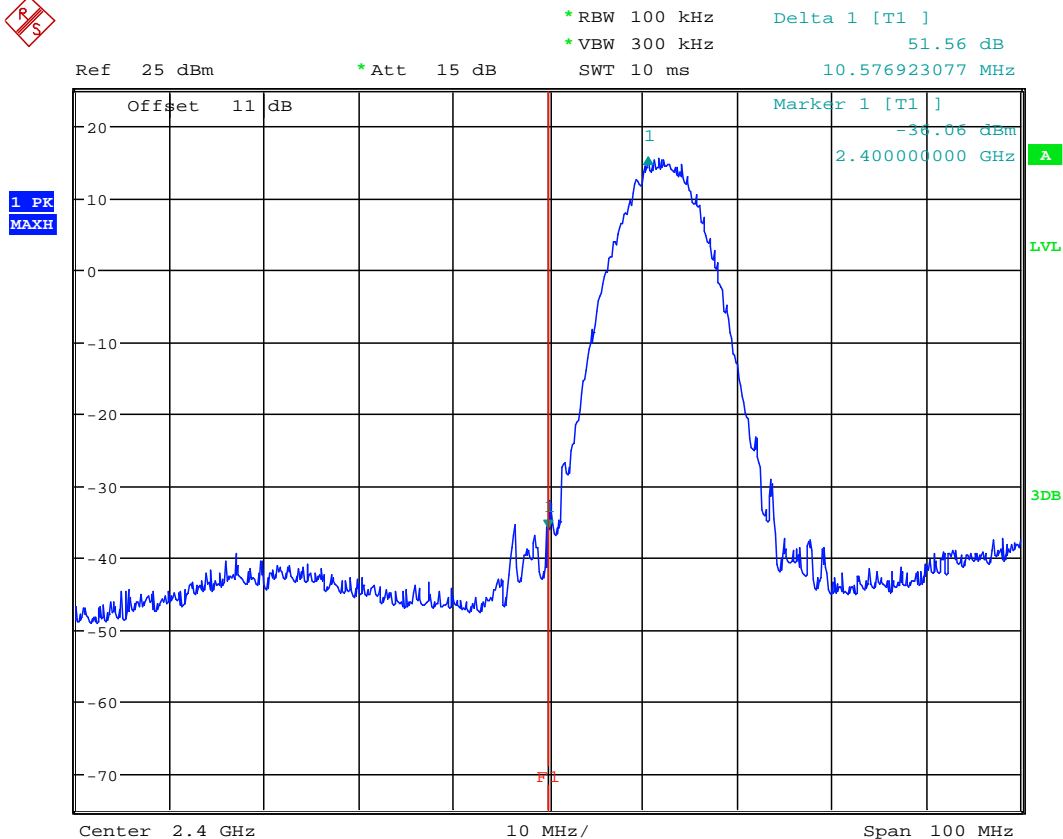
Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A

### 3.6 Radiated Emission on the band edge

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

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

#### ANT1



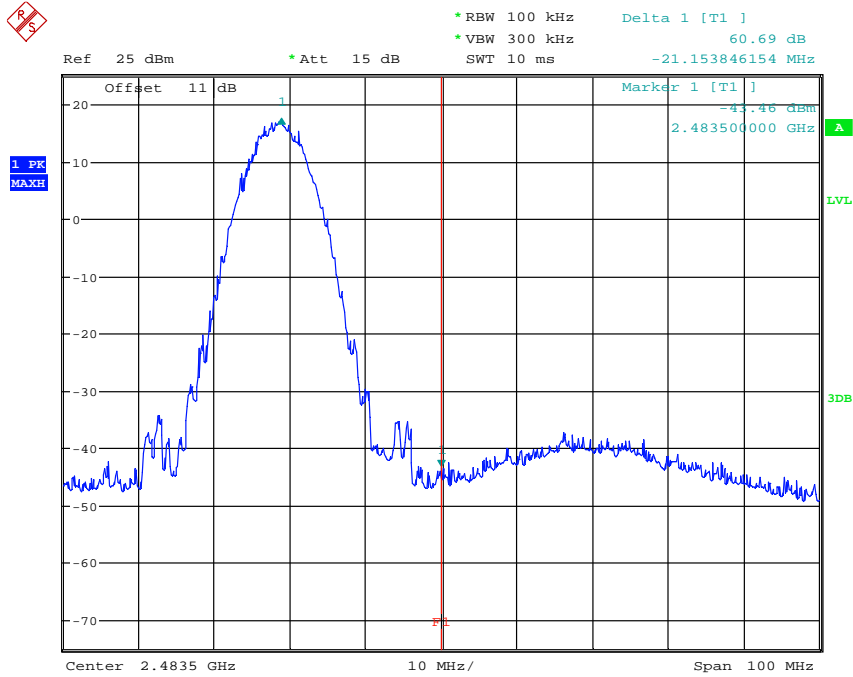
BANDEDGE 802.11B CH01

Date: 24.MAR.2015 14:55:06

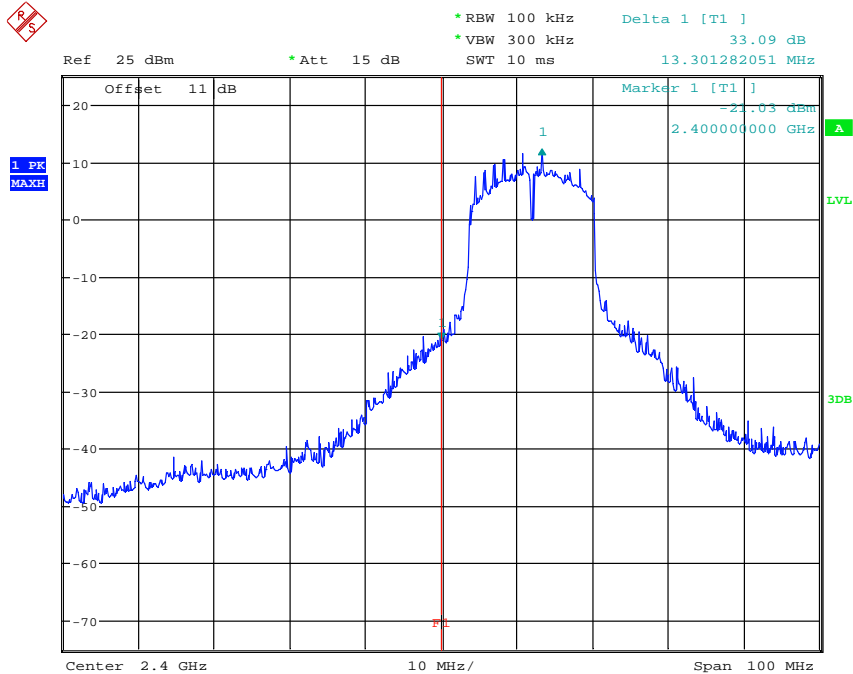




Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



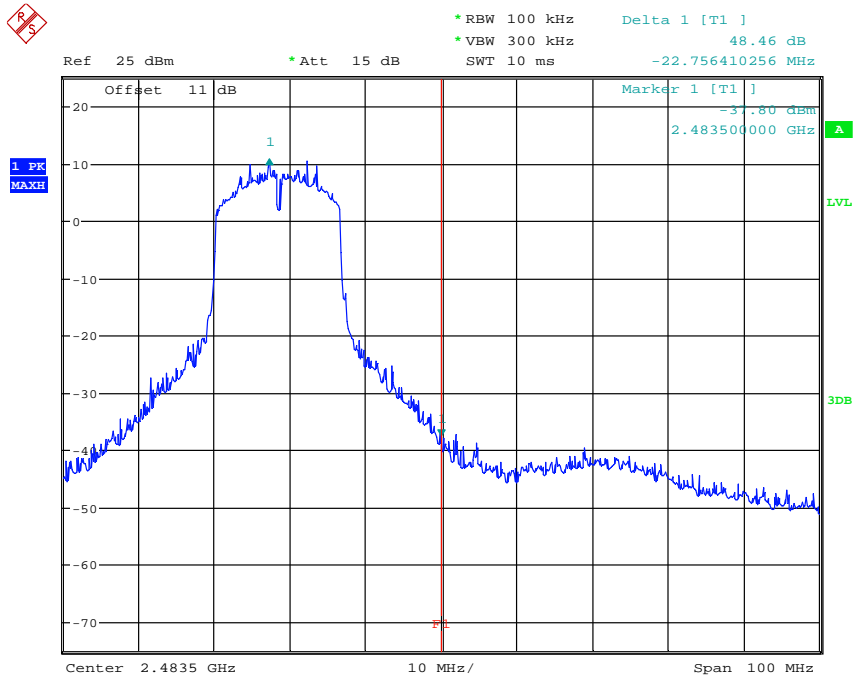
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Date: 24.MAR.2015 14:56:31



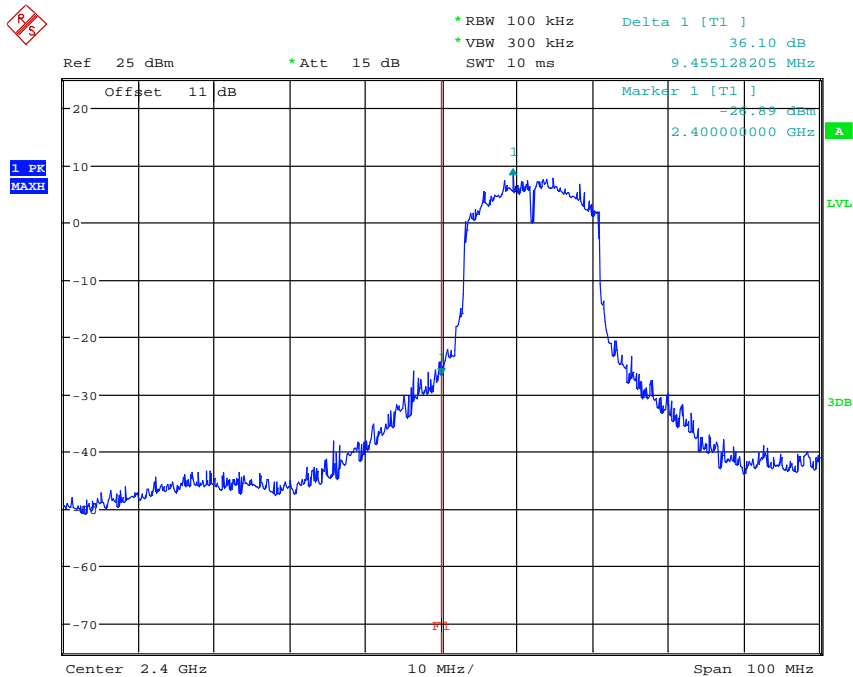
BANDEDGE 802.11G CH01  
Date: 24.MAR.2015 14:57:41



Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



BANDEDGE 802.11G CH11  
Date: 24.MAR.2015 14:59:01

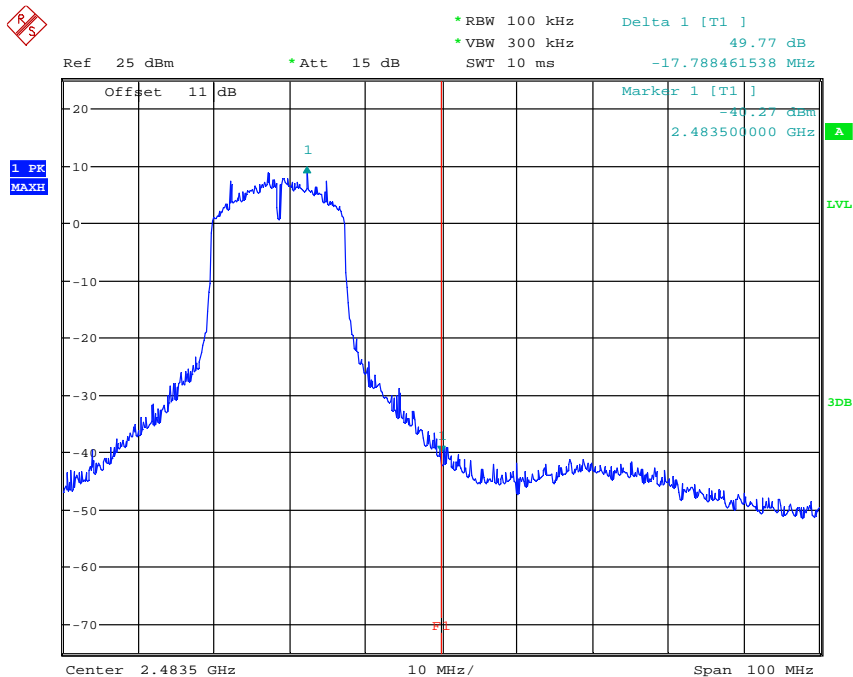


BANDEDGE 802.11N 20MHZ CH01  
Date: 24.MAR.2015 15:03:26



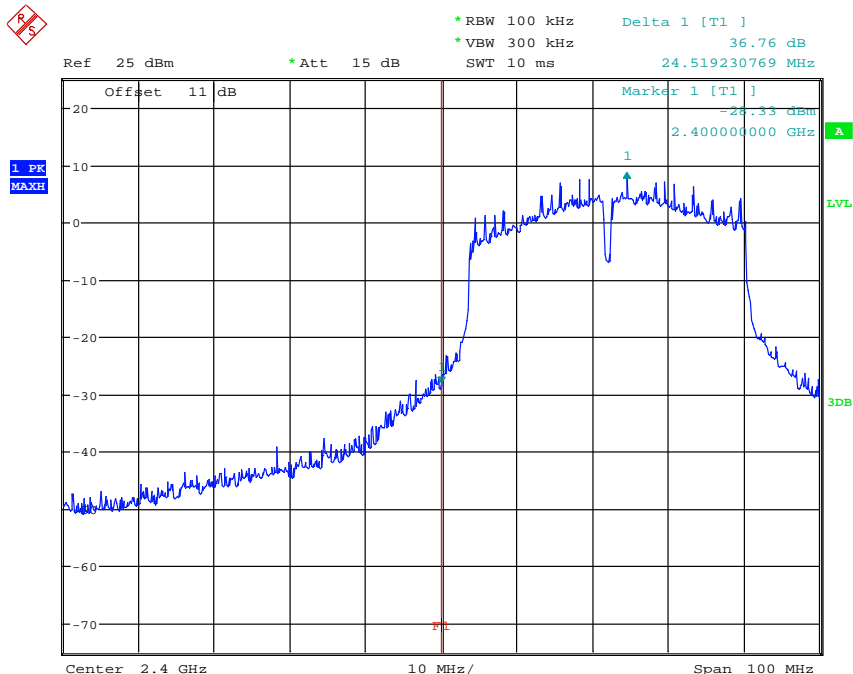
Registration number: W6M21501-14799-C-1

FCC ID: ZTT-REC22A



BANDEDGE 802.11N 20MHZ CH11

Date: 24.MAR.2015 15:05:03

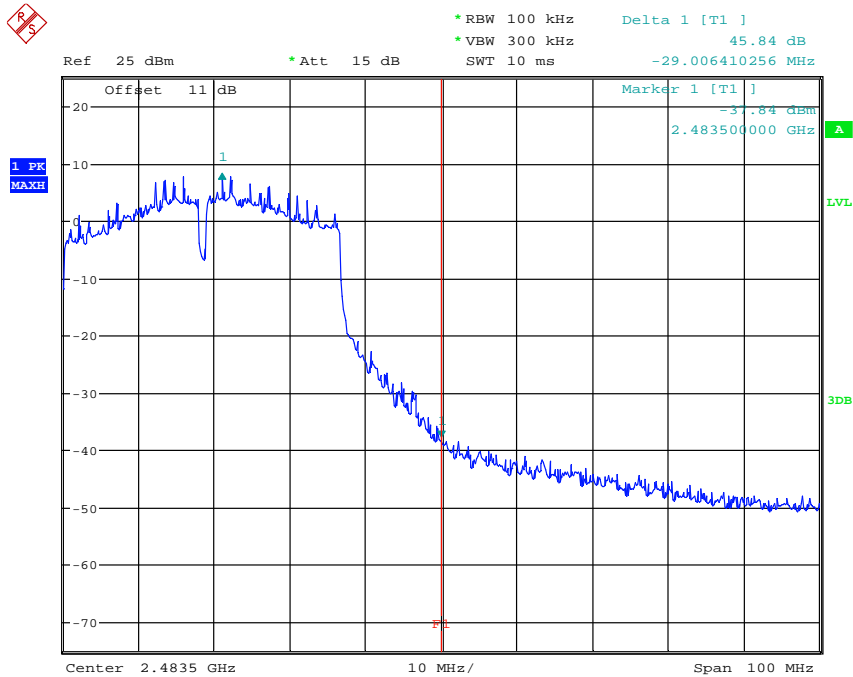


BANDEDGE 802.11N 40MHZ CH01

Date: 24.MAR.2015 15:06:20

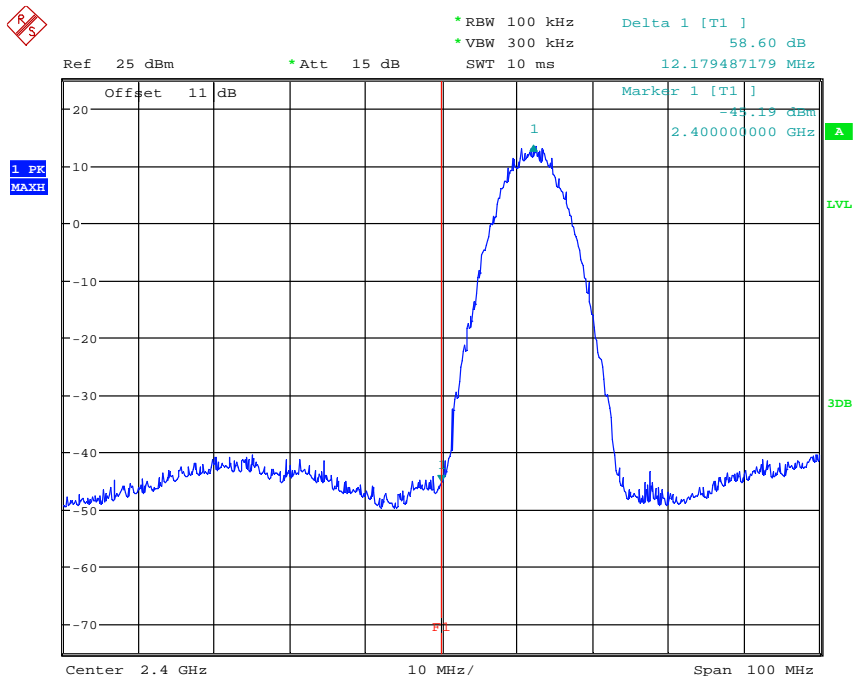


Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



BANDEDGE 802.11N 40MHZ CH07  
Date: 24.MAR.2015 15:08:00

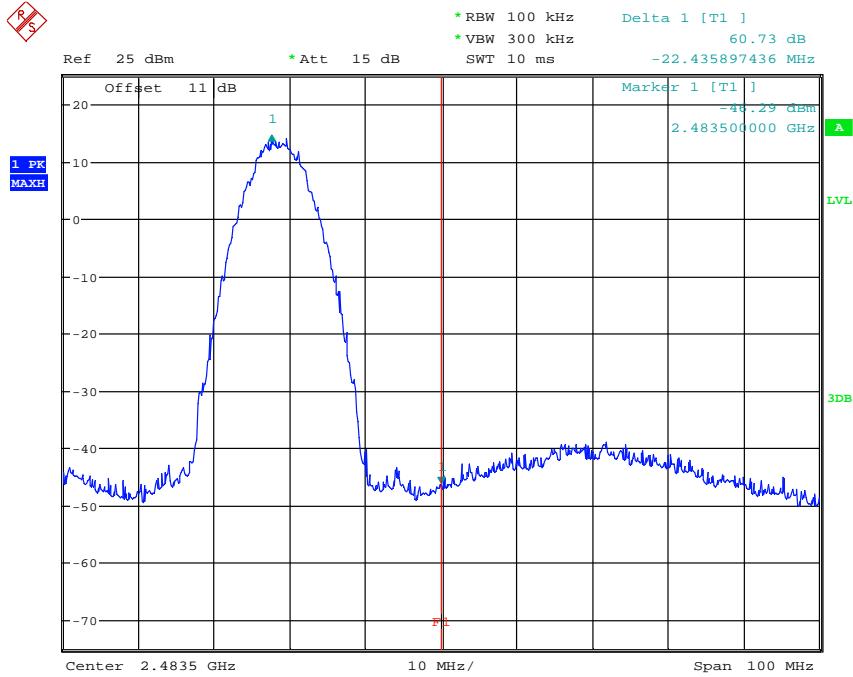
## ANT2



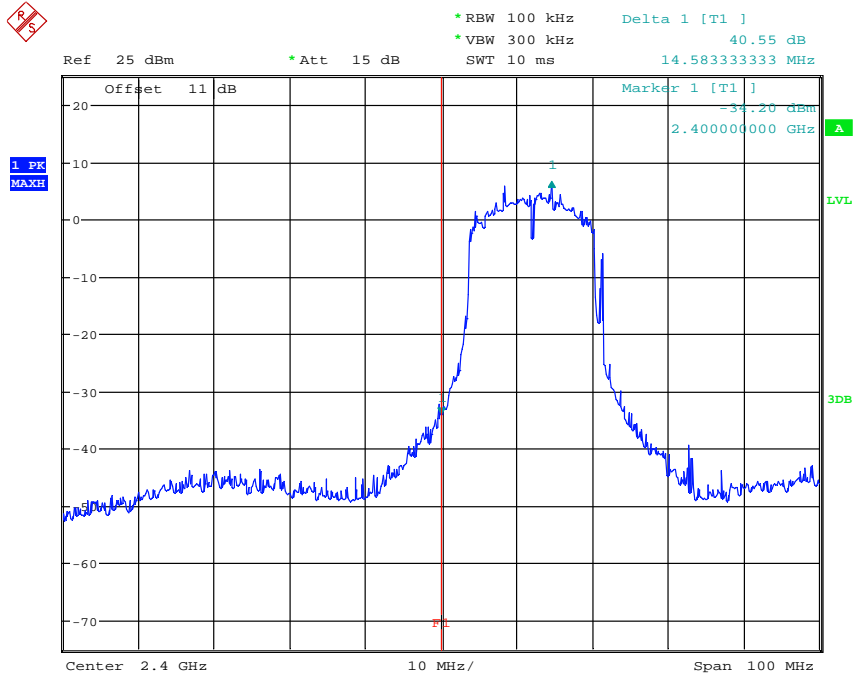
BANDEDGE 802.11B CH01  
Date: 25.MAR.2015 09:24:29



Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



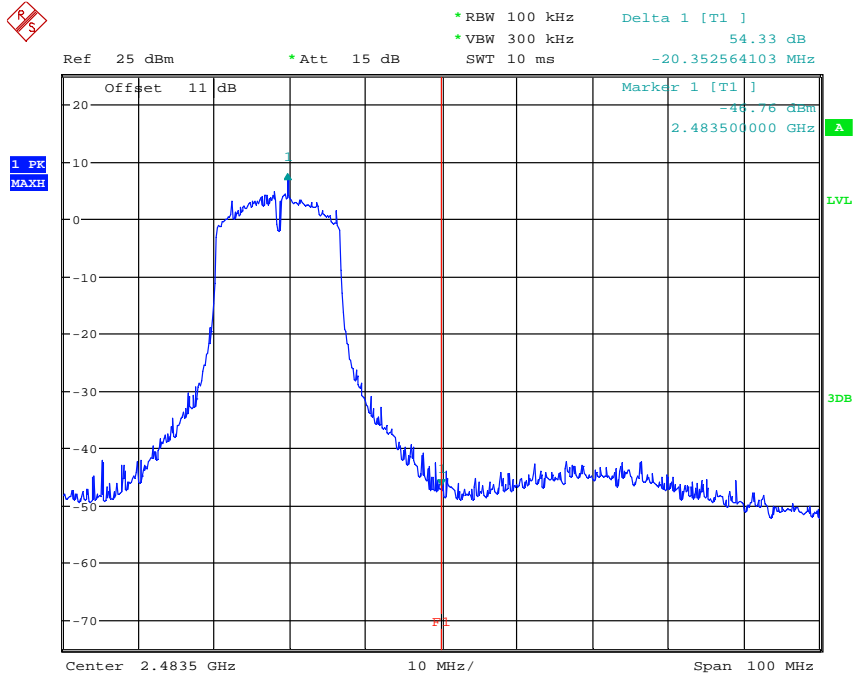
BANDEDGE 802.11B CH11  
Date: 25.MAR.2015 09:26:03



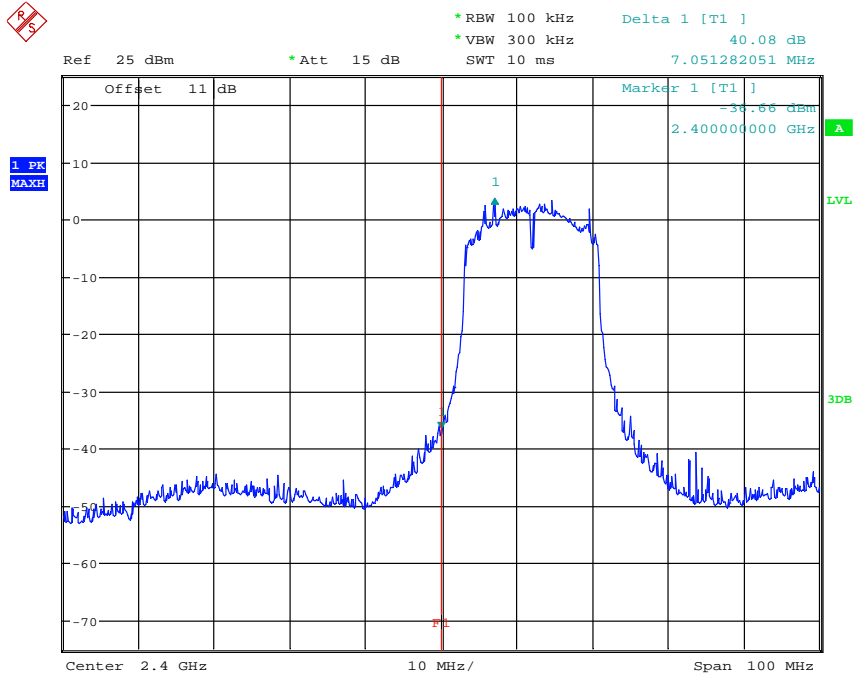
BANDEDGE 802.11G CH01  
Date: 25.MAR.2015 09:28:02



Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



BANDEDGE 802.11G CH11  
Date: 25.MAR.2015 09:31:02

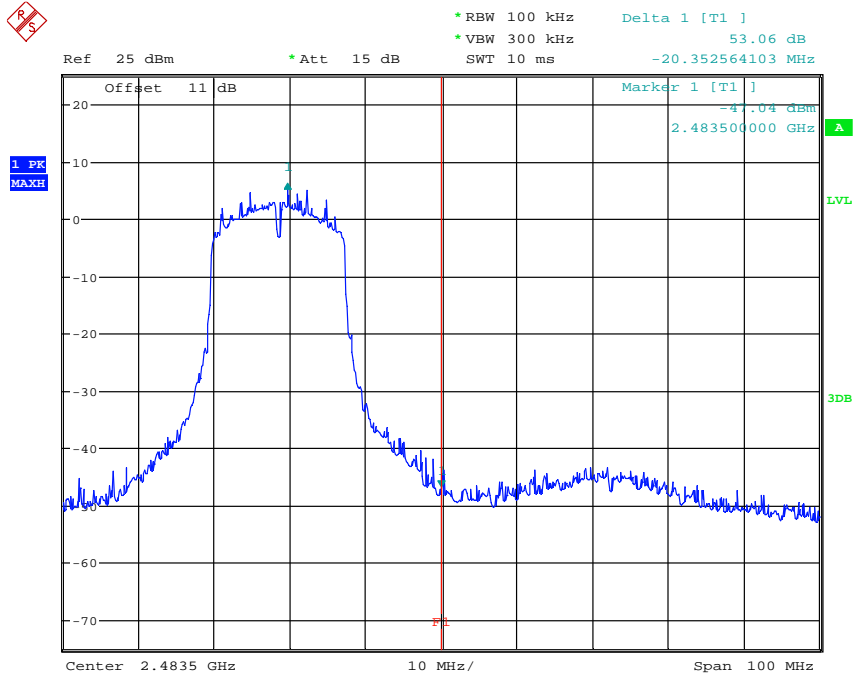


BANDEDGE 802.11N 20MHZ CH01  
Date: 25.MAR.2015 09:31:46

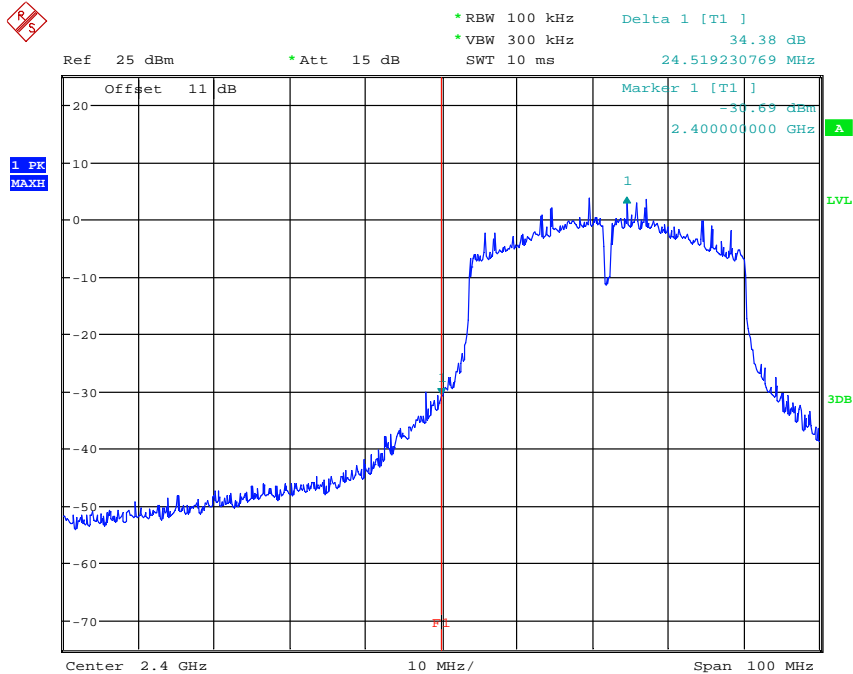


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Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



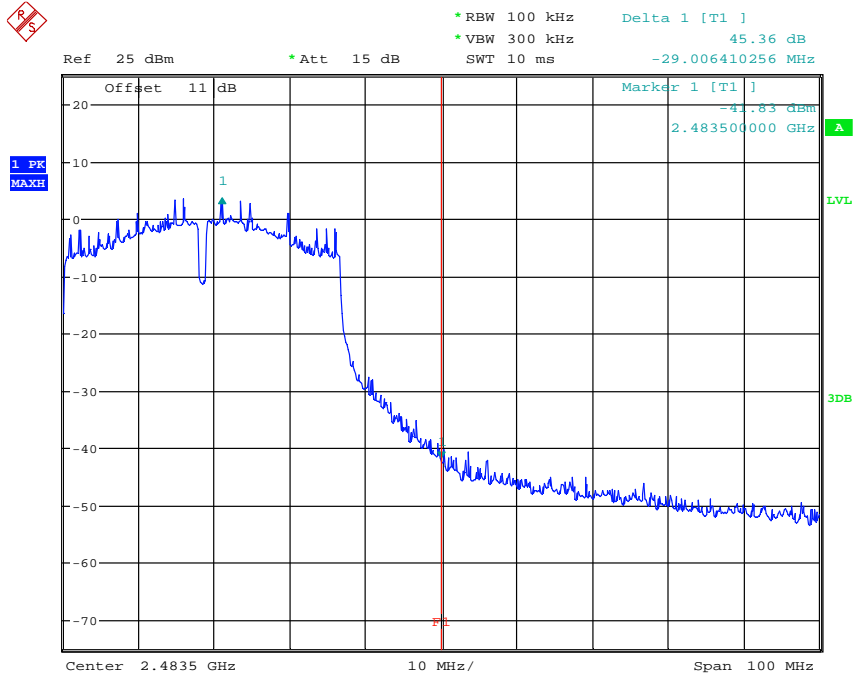
BANDEDGE 802.11N 20MHZ CH11  
Date: 25.MAR.2015 09:38:45



BANDEDGE 802.11N 40MHZ CH01  
Date: 25.MAR.2015 09:46:44



Registration number: W6M21501-14799-C-1  
 FCC ID: ZTT-REC22A



BANDEDGE 802.11N 40MHZ CH07  
 Date: 25.MAR.2015 09:50:22

Limit:

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

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



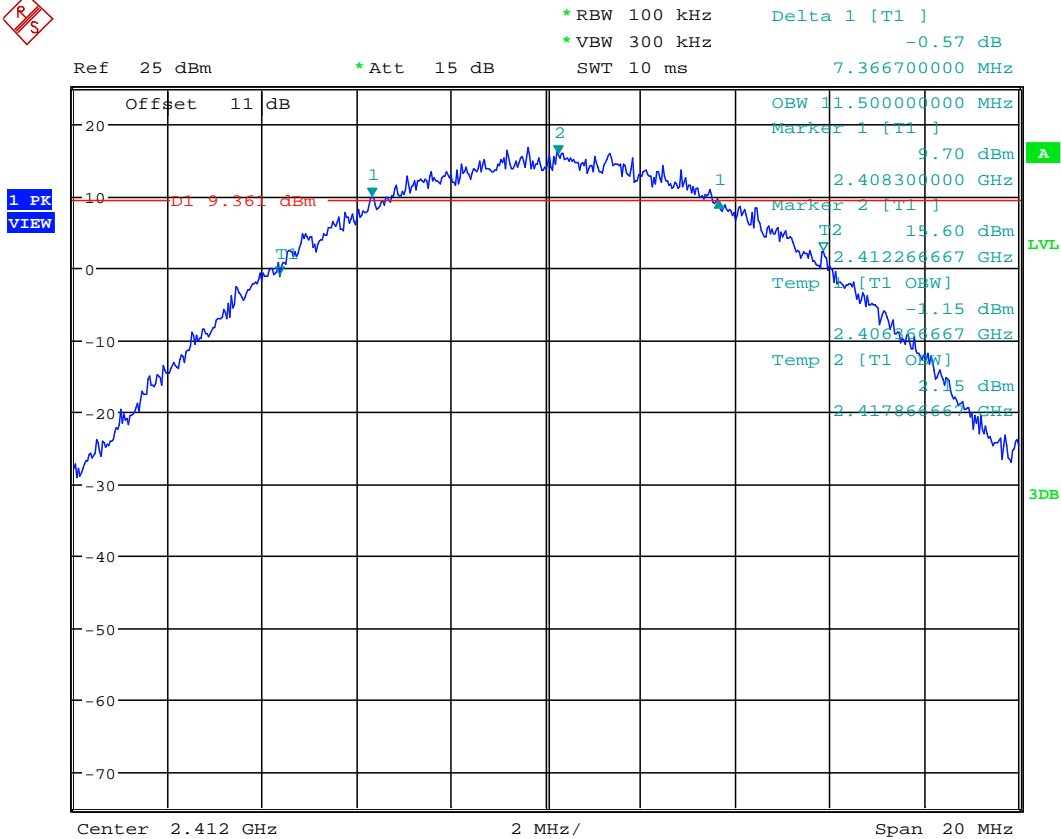


Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A

### 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

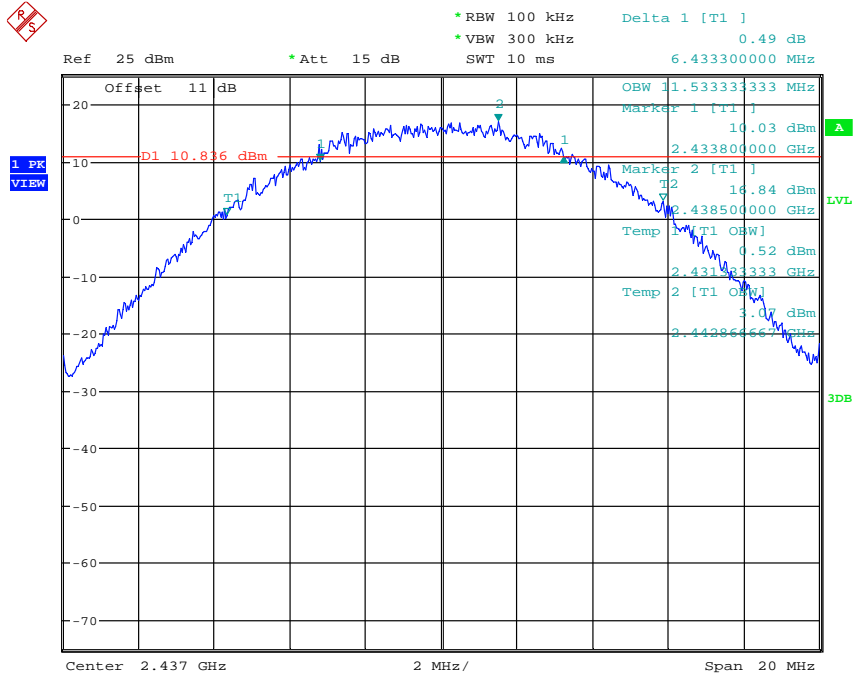


6DB BANDWIDTH 802.118 CH01  
Date: 24.MAR.2015 14:54:53

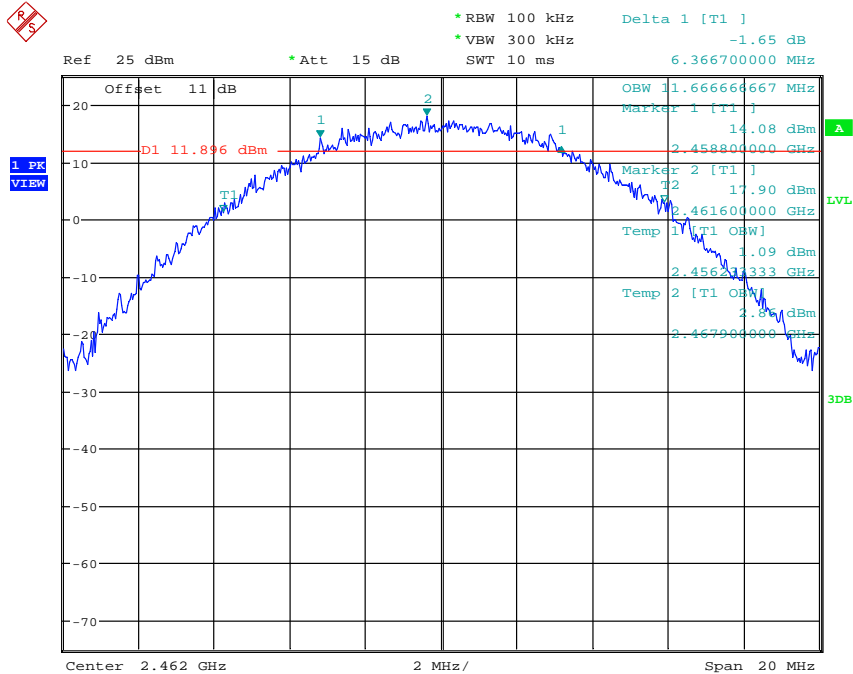


# Worldwide Testing Services(Taiwan) Co., Ltd.

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6DB BANDWIDTH 802.11B CH06  
 Date: 24.MAR.2015 14:55:39

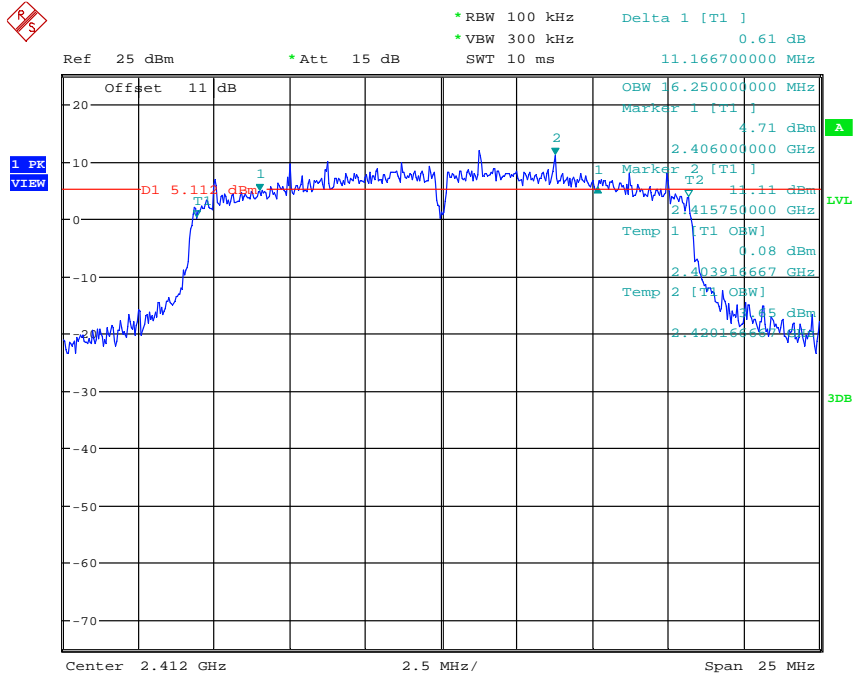


6DB BANDWIDTH 802.11B CH11  
 Date: 24.MAR.2015 14:56:18

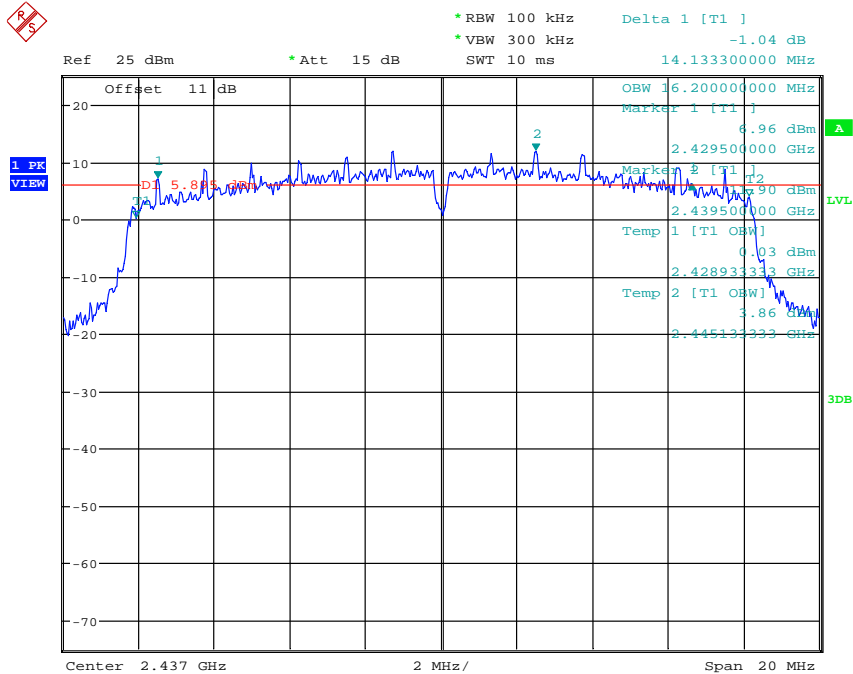


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



6DB BANDWIDTH 802.11G CH01  
Date: 24.MAR.2015 14:57:28

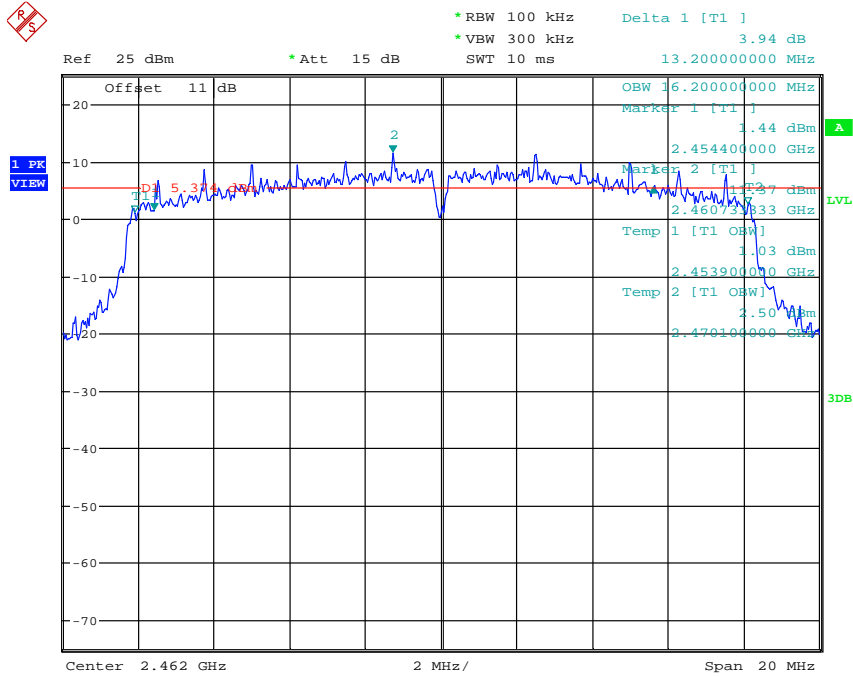


6DB BANDWIDTH 802.11G CH06  
Date: 24.MAR.2015 14:58:09

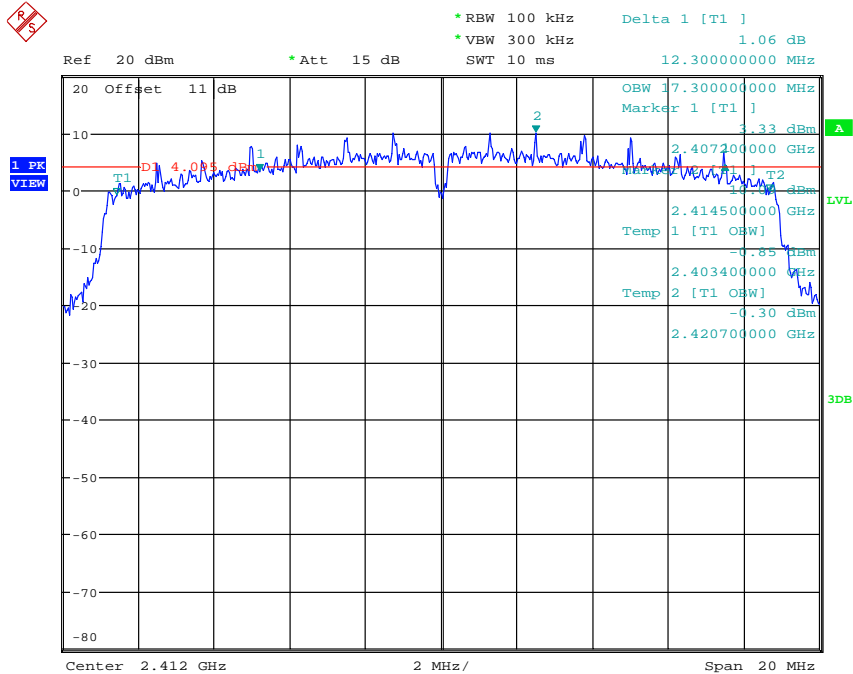


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
 FCC ID: ZTT-REC22A



6DB BANDWIDTH 802.11G CH11  
 Date: 24.MAR.2015 14:58:48

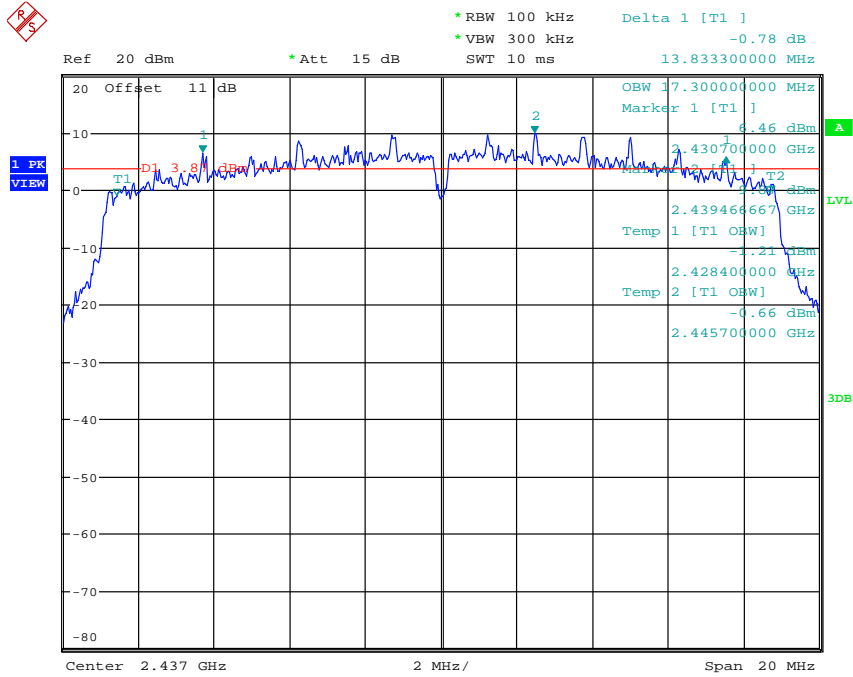


6DB BANDWIDTH 802.11N 20MHZ CH01  
 Date: 24.MAR.2015 15:03:12



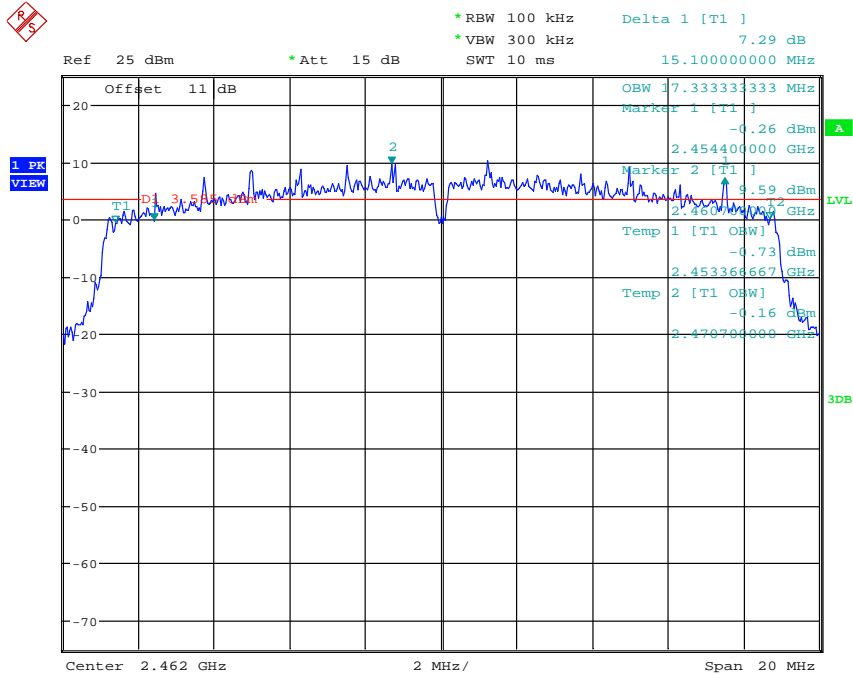
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



6DB BANDWIDTH 802.11N 20MHZ CH06

Date: 24.MAR.2015 15:04:02



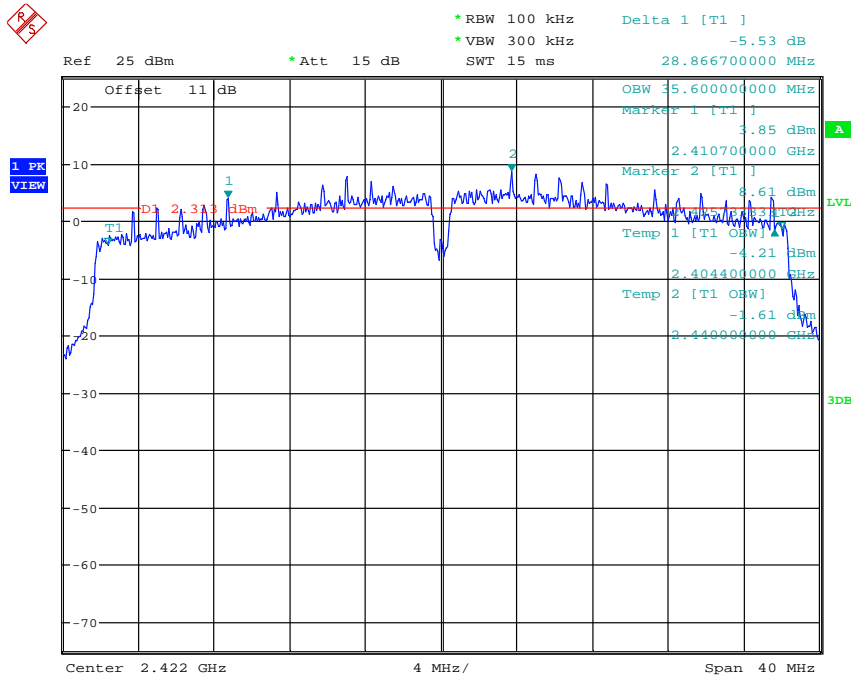
6DB BANDWIDTH 802.11N 20MHZ CH11

Date: 24.MAR.2015 15:04:50



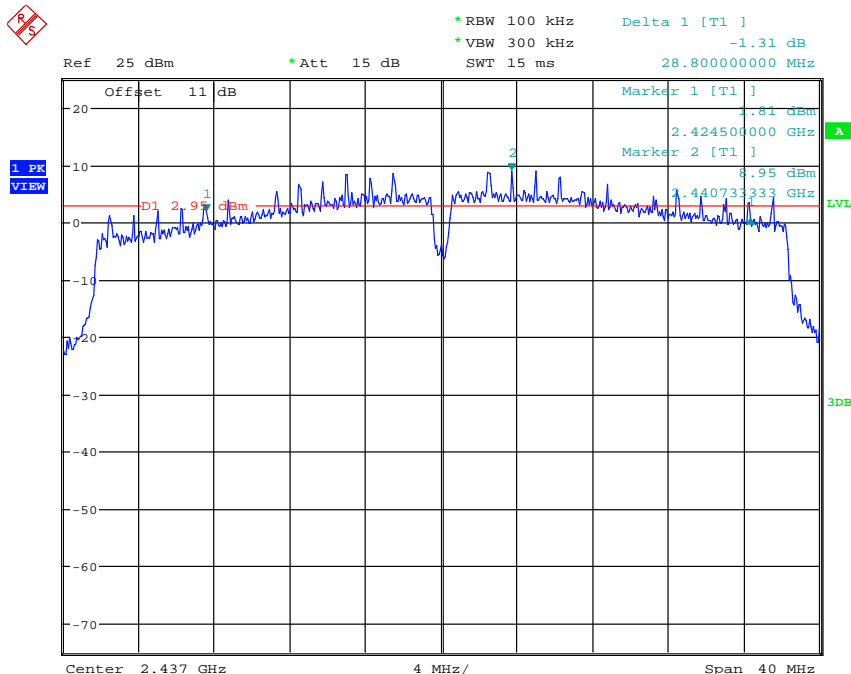
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



6DB BANDWIDTH 802.11N 40MHZ CH01

Date: 24.MAR.2015 15:06:03

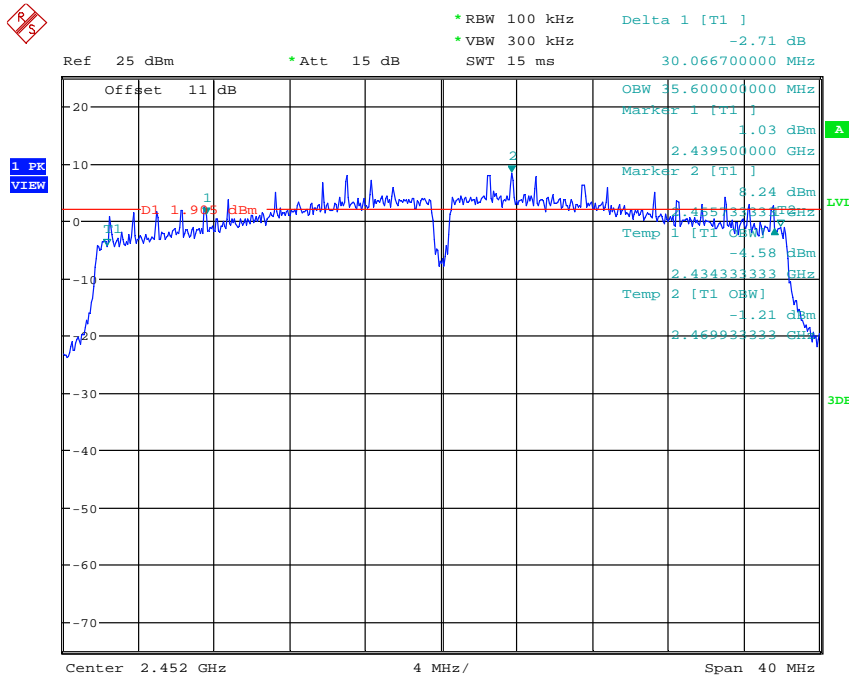


6DB BANDWIDTH 802.11N 40MHZ CH04

Date: 24.MAR.2015 15:06:50



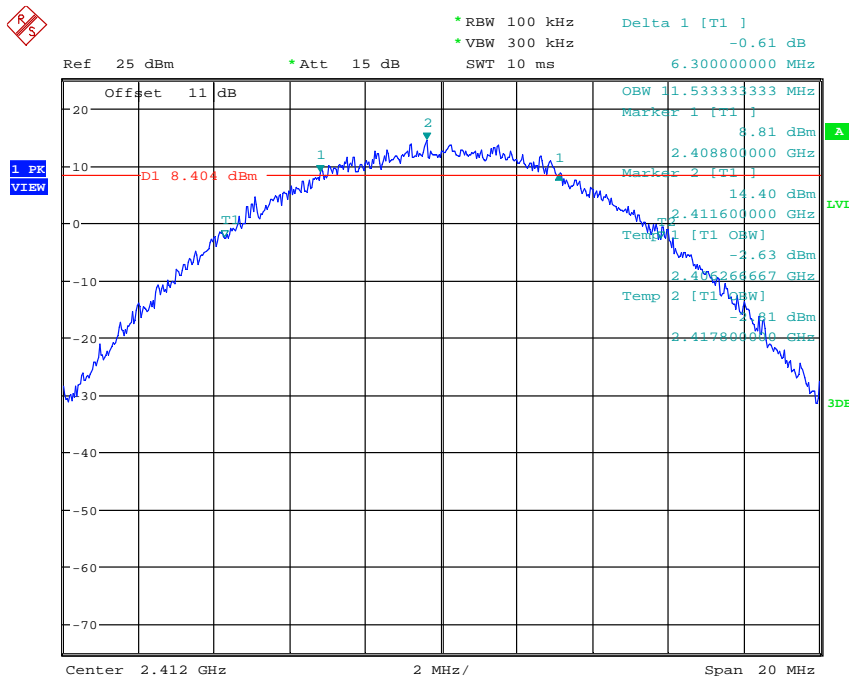
Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



6DB BANDWIDTH 802.11N 40MHZ CH07

Date: 24.MAR.2015 15:07:44

## ANT2

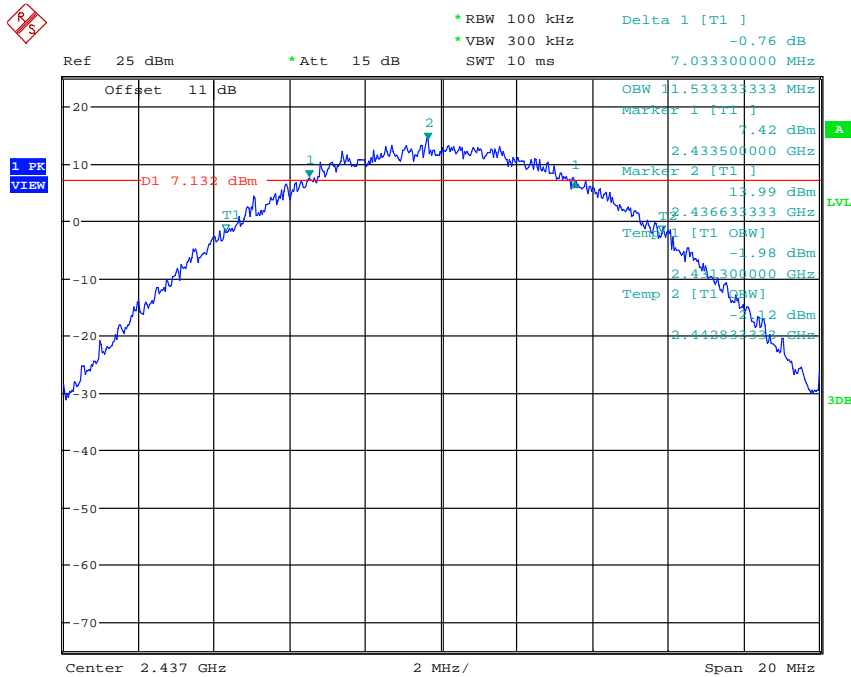


6DB BANDWIDTH 802.11B CH01

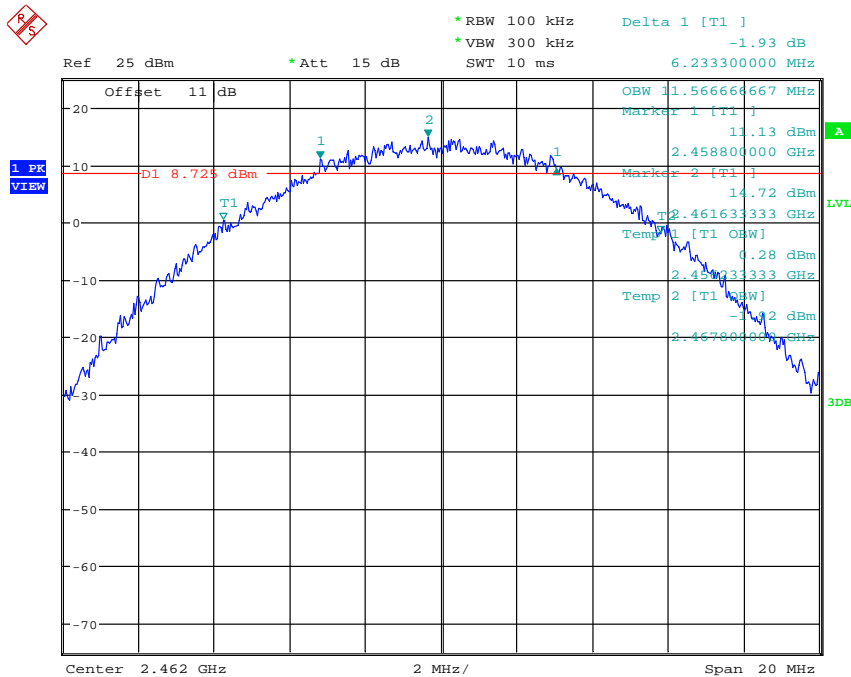
Date: 25.MAR.2015 09:24:15



Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



6DB BANDWIDTH 802.11B CH06  
Date: 25.MAR.2015 09:25:05



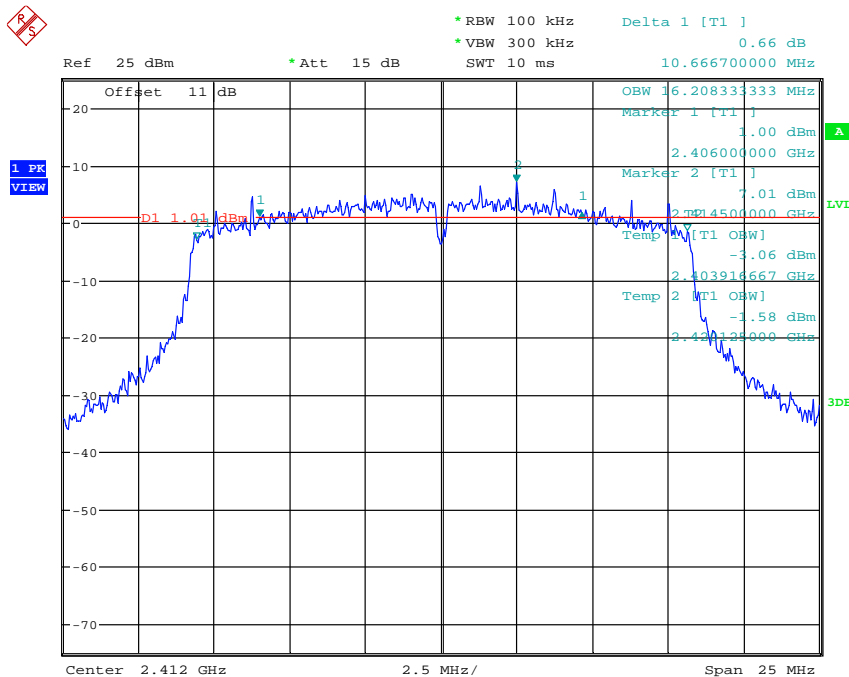
6DB BANDWIDTH 802.11B CH11  
Date: 25.MAR.2015 09:25:48



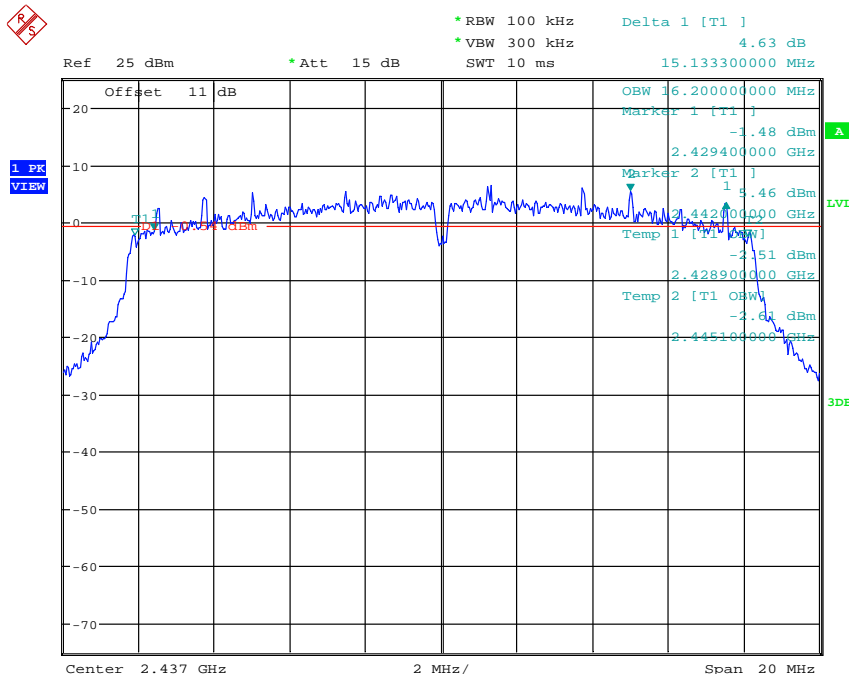


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



6DB BANDWIDTH 802.11G CH01  
Date: 25.MAR.2015 09:27:48

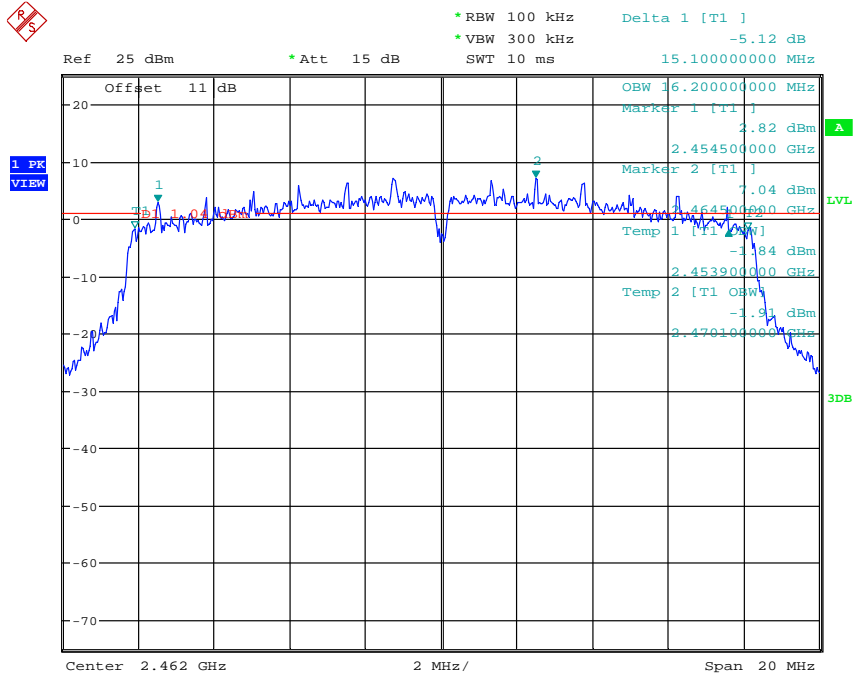


6DB BANDWIDTH 802.11G CH06  
Date: 25.MAR.2015 09:28:52

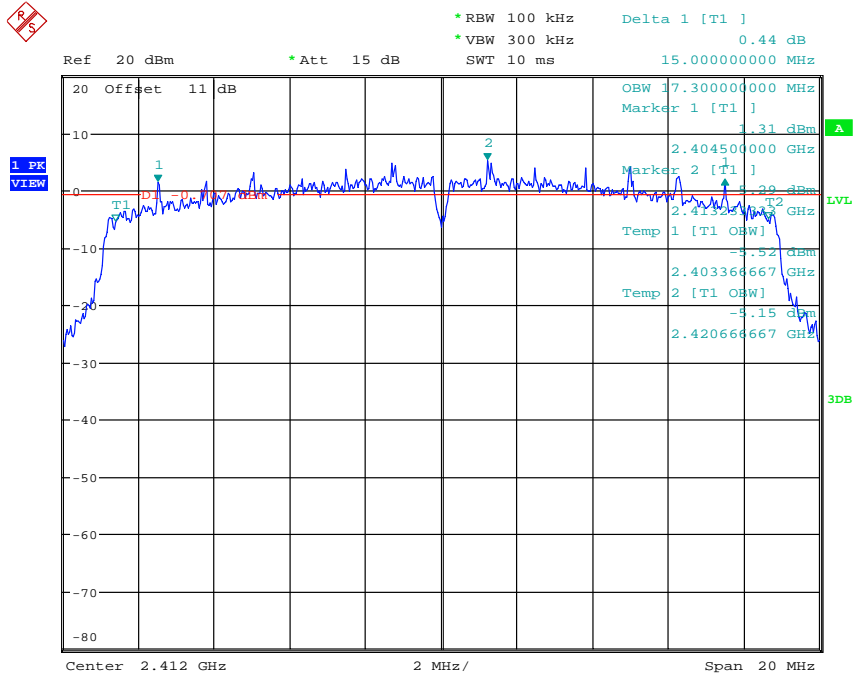


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



6DB BANDWIDTH 802.11G CH11  
Date: 25.MAR.2015 09:30:48

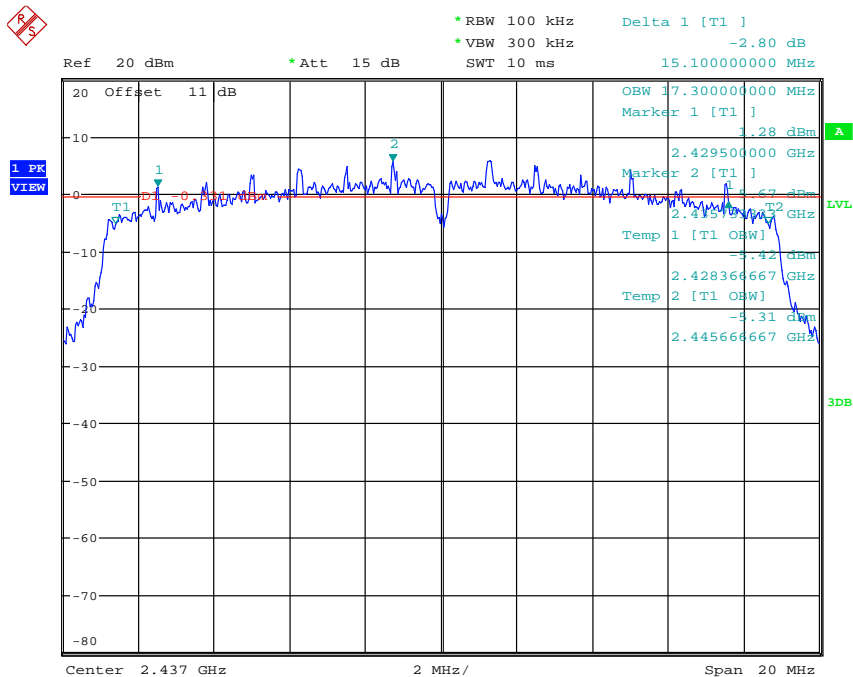


6DB BANDWIDTH 802.11N 20MHZ CH01  
Date: 25.MAR.2015 09:31:32



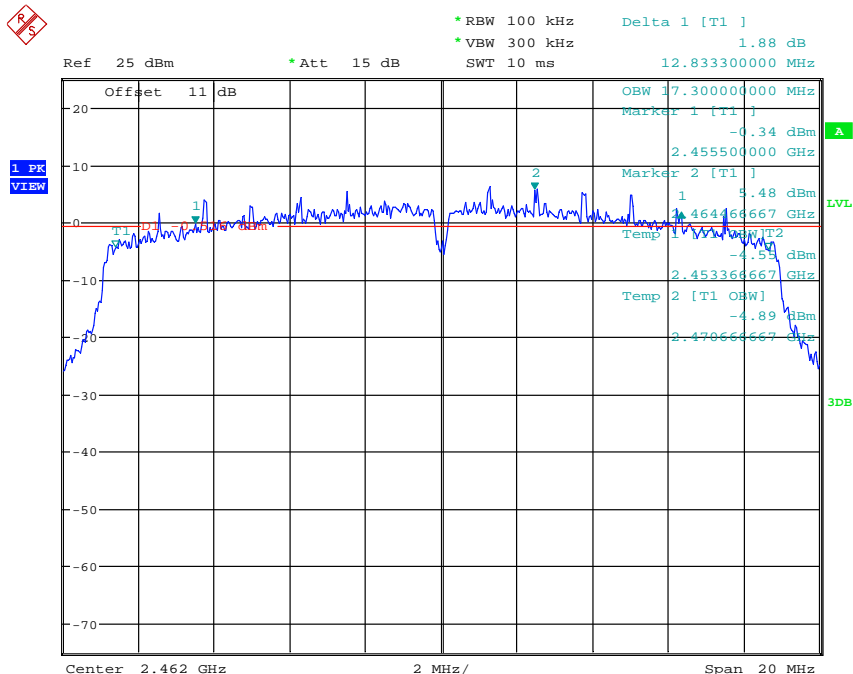
# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



6DB BANDWIDTH 802.11N 20MHZ CH06

Date: 25.MAR.2015 09:37:49



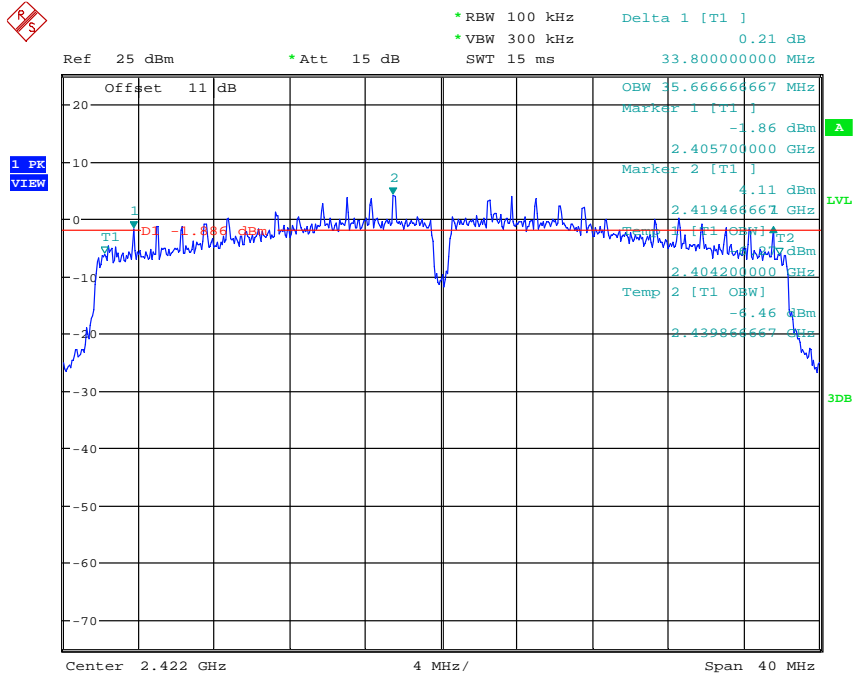
6DB BANDWIDTH 802.11N 20MHZ CH11

Date: 25.MAR.2015 09:38:31

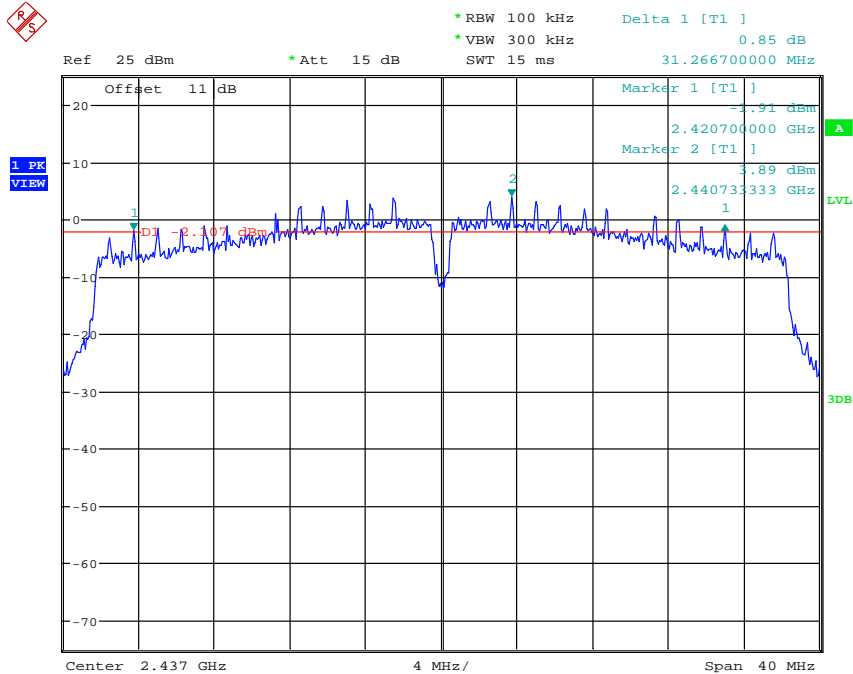


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



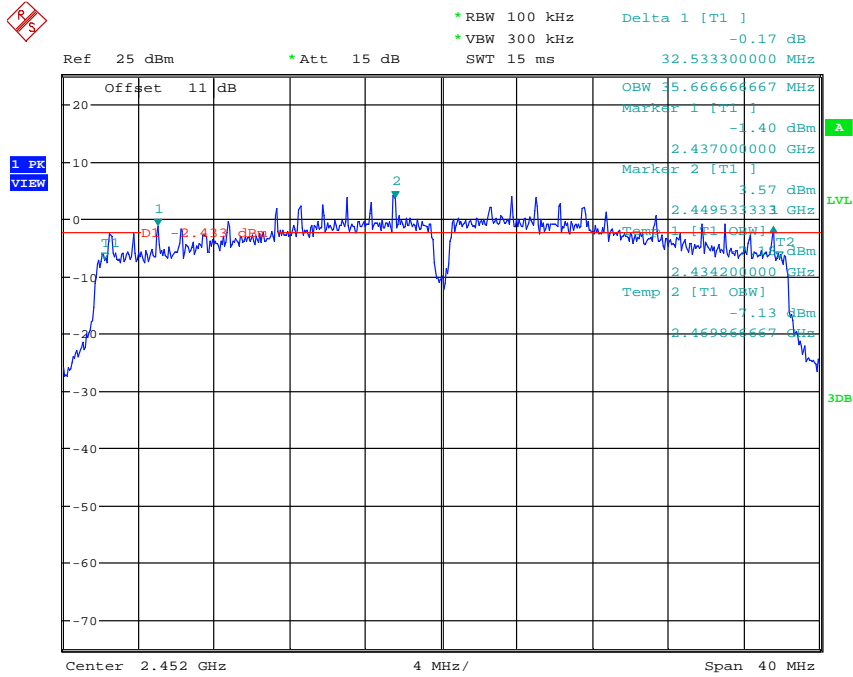
6DB BANDWIDTH 802.11N 40MHZ CH01  
Date: 25.MAR.2015 09:46:27



6DB BANDWIDTH 802.11N 40MHZ CH04  
Date: 25.MAR.2015 09:47:36



Registration number: W6M21501-14799-C-1  
 FCC ID: ZTT-REC22A



6DB BANDWIDTH 802.11n 40MHZ CH07  
 Date: 25.MAR.2015 09:50:05

**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.



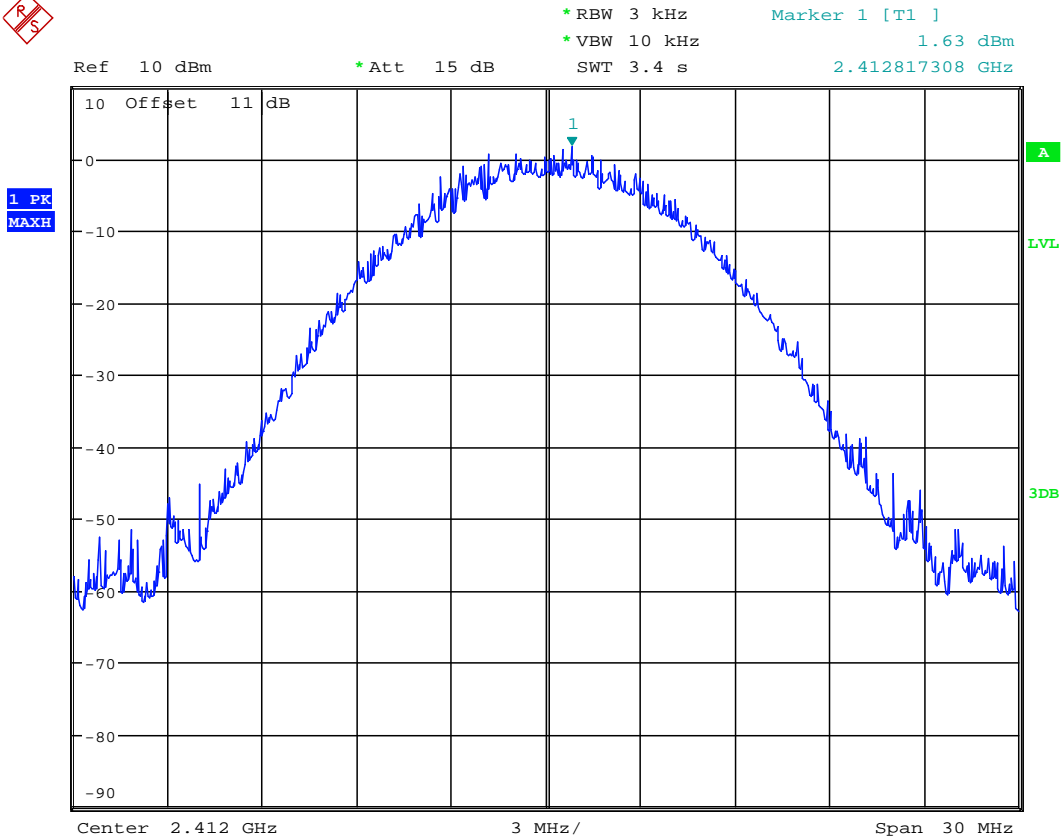
Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A

### 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



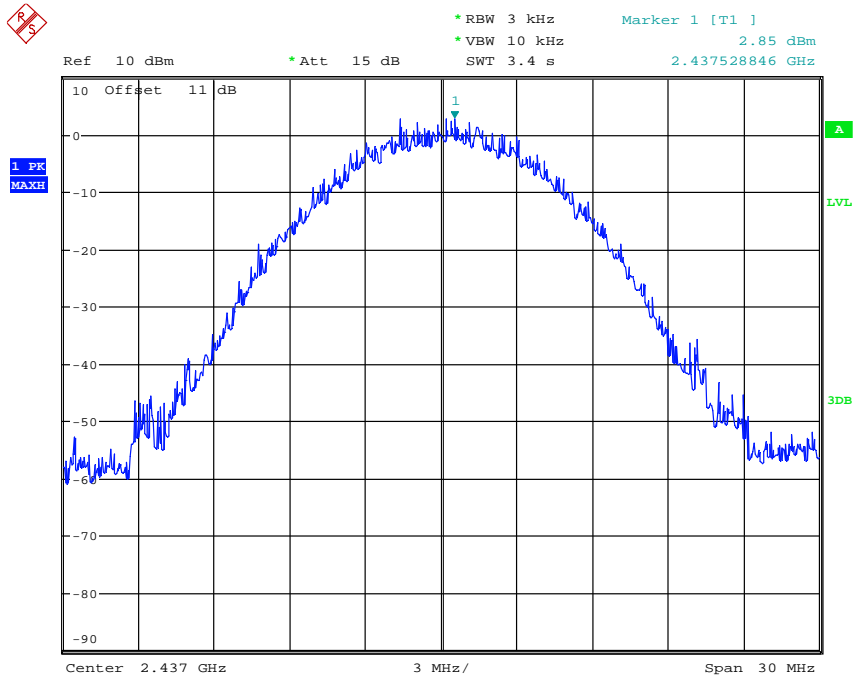
POWER DENSITY 802.11B CH01

Date: 24.MAR.2015 14:55:01

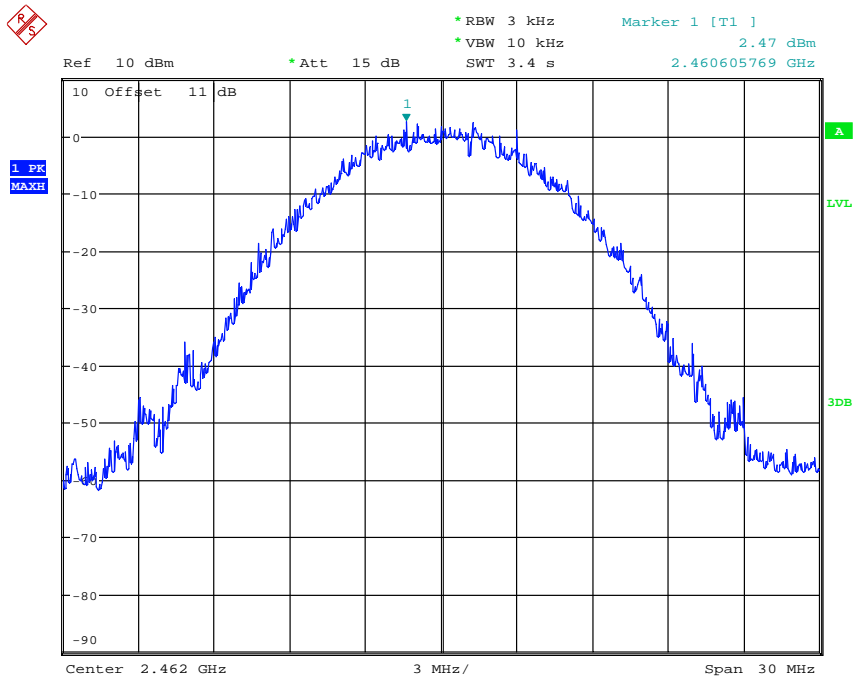


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



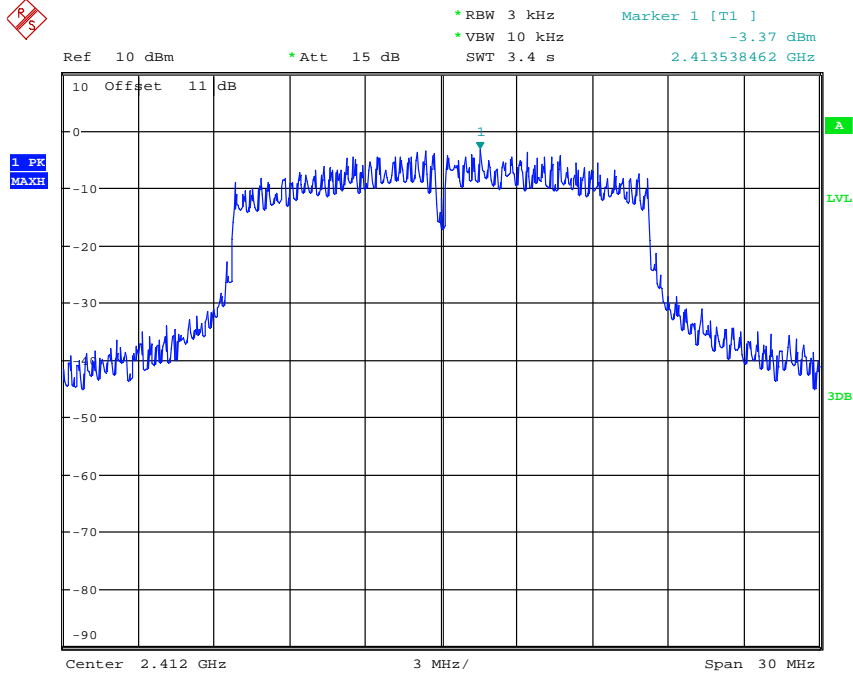
POWER DENSITY 802.11B CH06  
Date: 24.MAR.2015 14:55:47



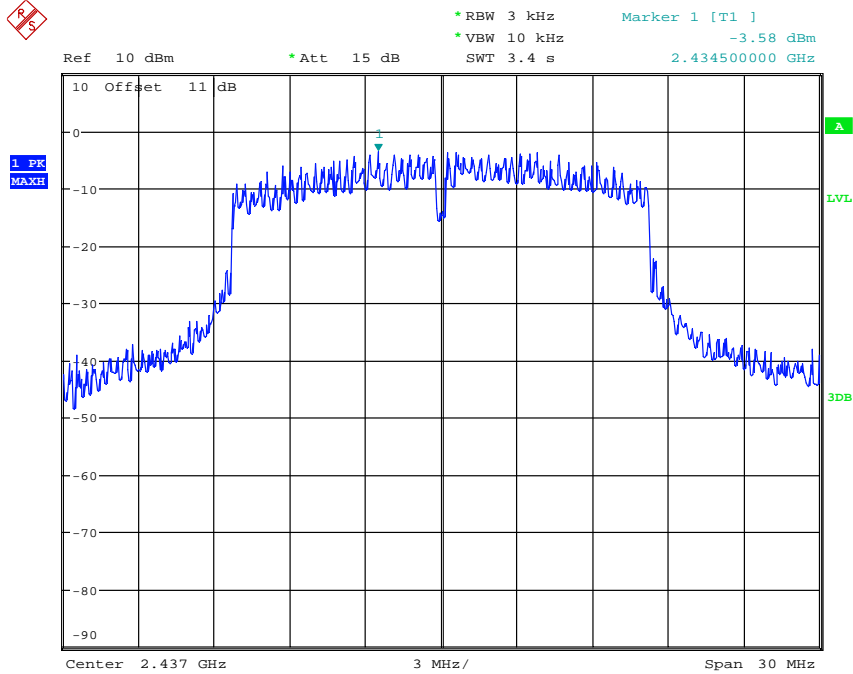
POWER DENSITY 802.11B CH11  
Date: 24.MAR.2015 14:56:26



Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



POWER DENSITY 802.11G CH01  
Date: 24.MAR.2015 14:57:36



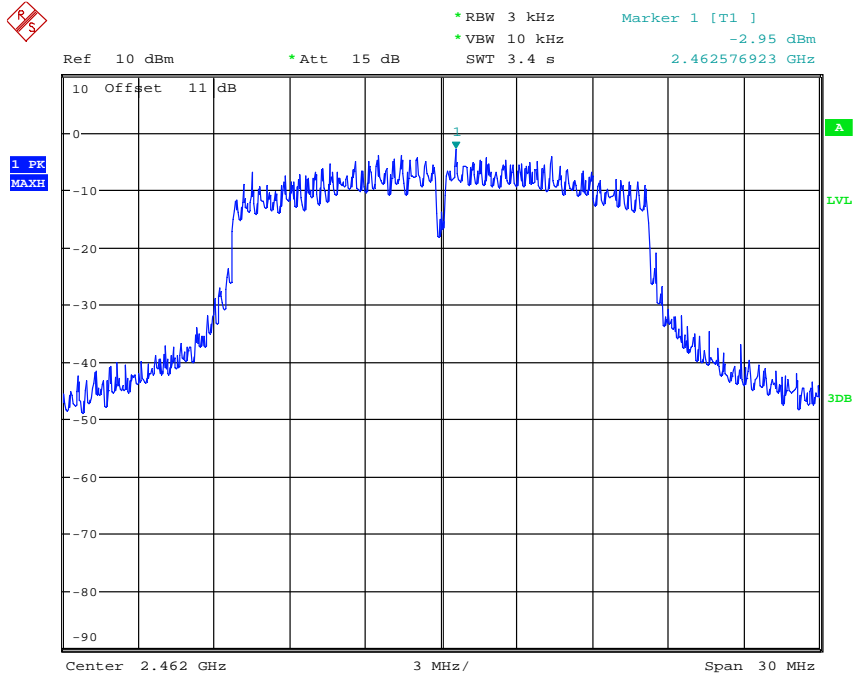
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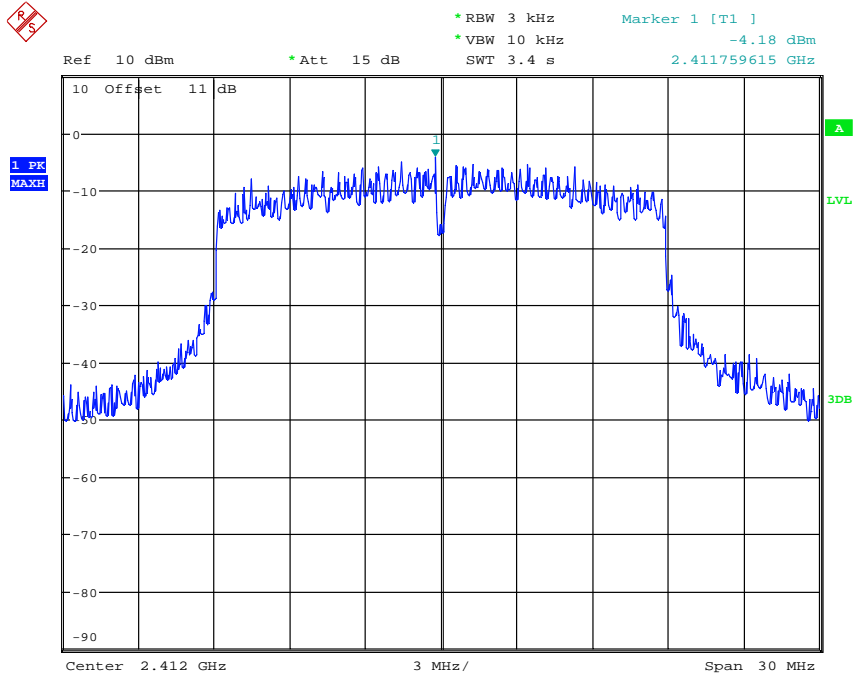


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



POWER DENSITY 802.11G CH11  
Date: 24.MAR.2015 14:58:56

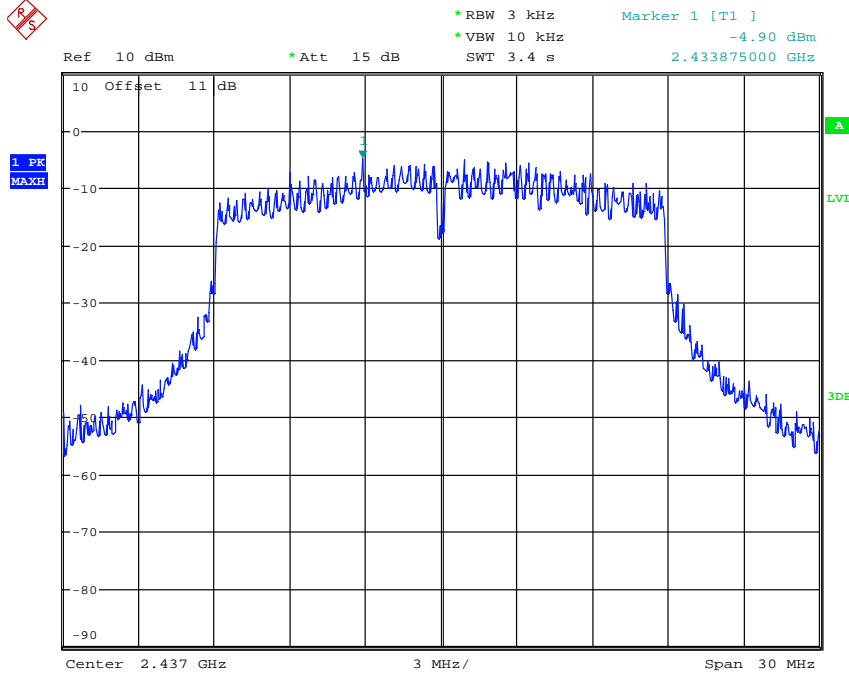


POWER DENSITY 802.11N 20MHz CH01  
Date: 24.MAR.2015 15:03:21

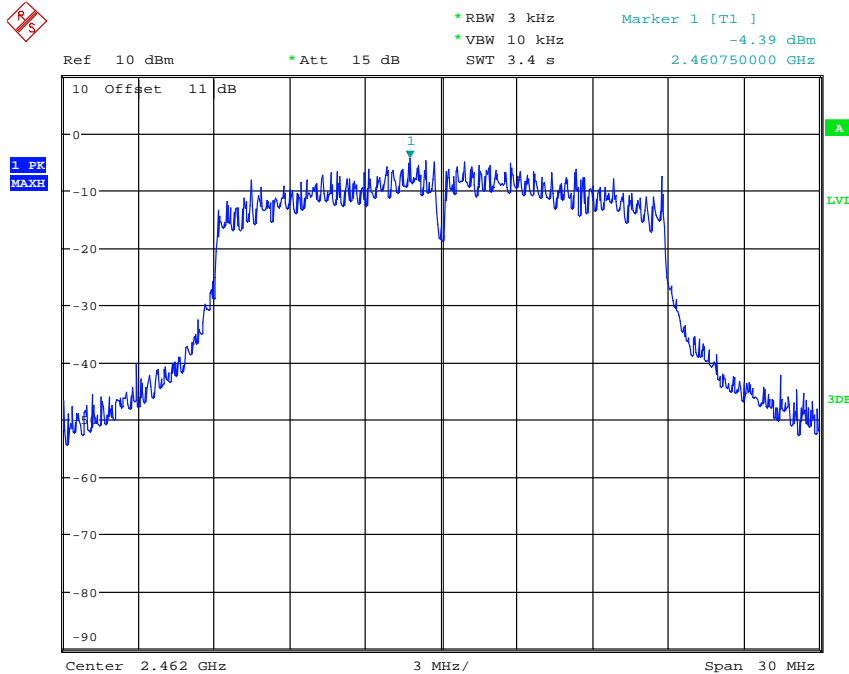


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



POWER DENSITY 802.11N 20MHZ CH06  
Date: 24.MAR.2015 15:04:10

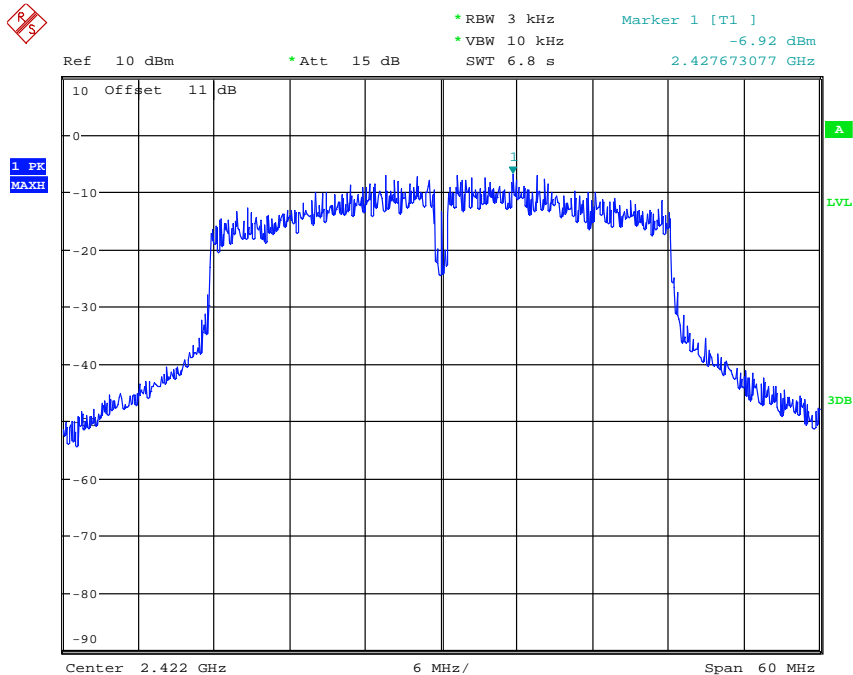


POWER DENSITY 802.11N 20MHZ CH11  
Date: 24.MAR.2015 15:04:58



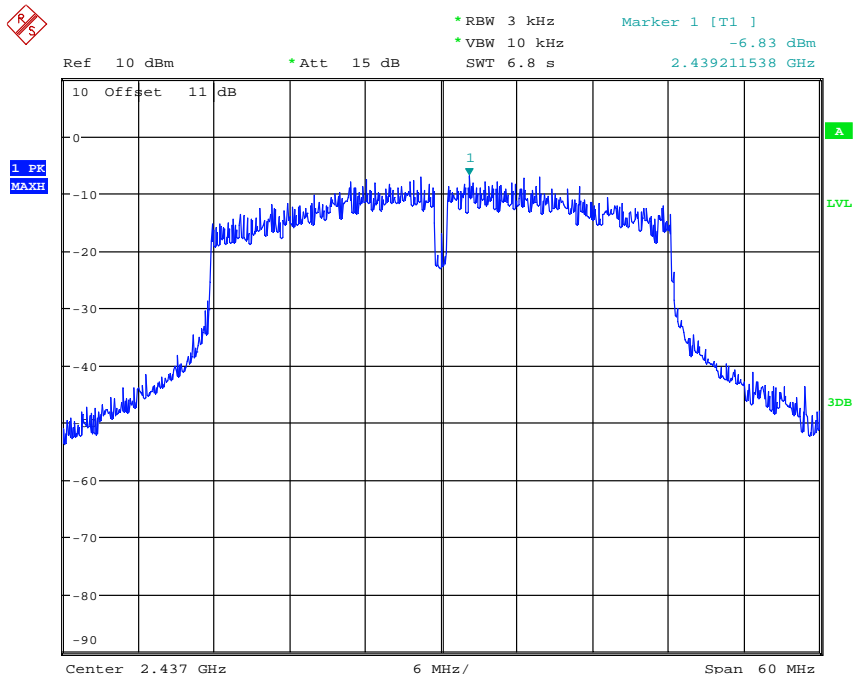
Registration number: W6M21501-14799-C-1

FCC ID: ZTT-REC22A



POWER DENSITY 802.11N 40MHZ CH01

Date: 24.MAR.2015 15:06:14

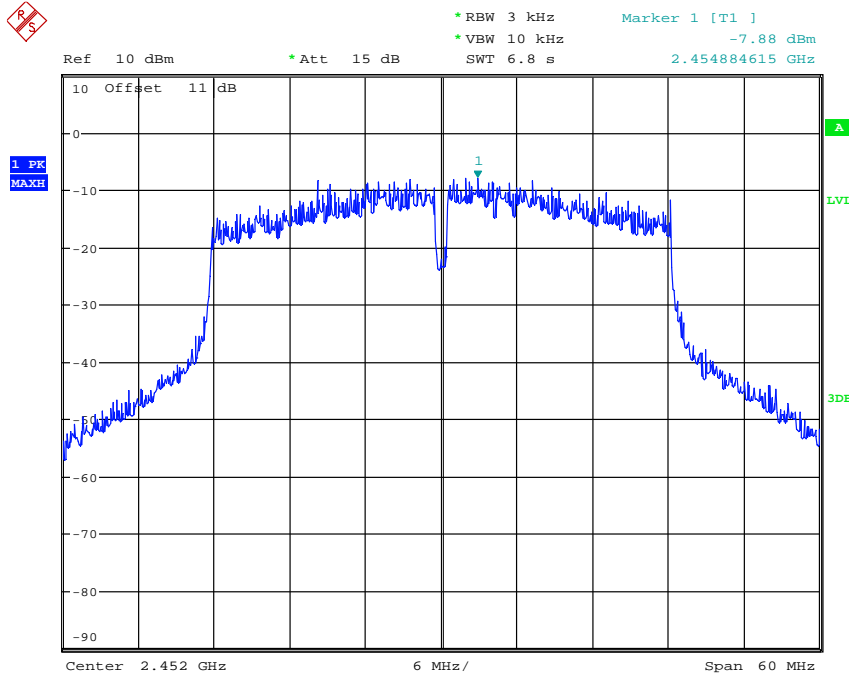


POWER DENSITY 802.11N 40MHZ CH04

Date: 24.MAR.2015 15:07:01

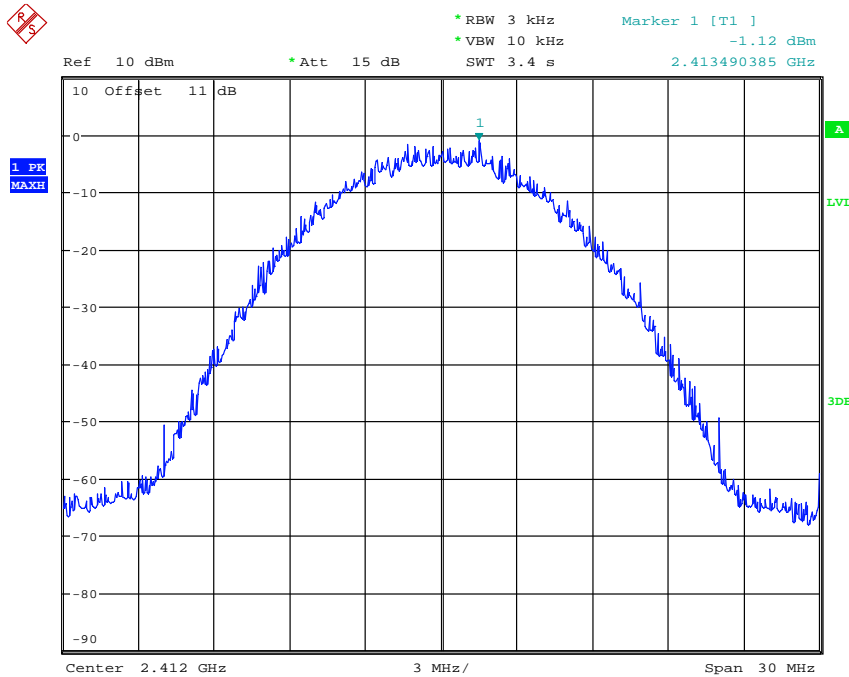


Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A

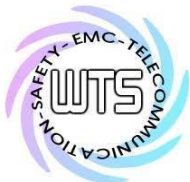


POWER DENSITY 802.11N 40MHZ CH07  
Date: 24.MAR.2015 15:07:55

## ANT2



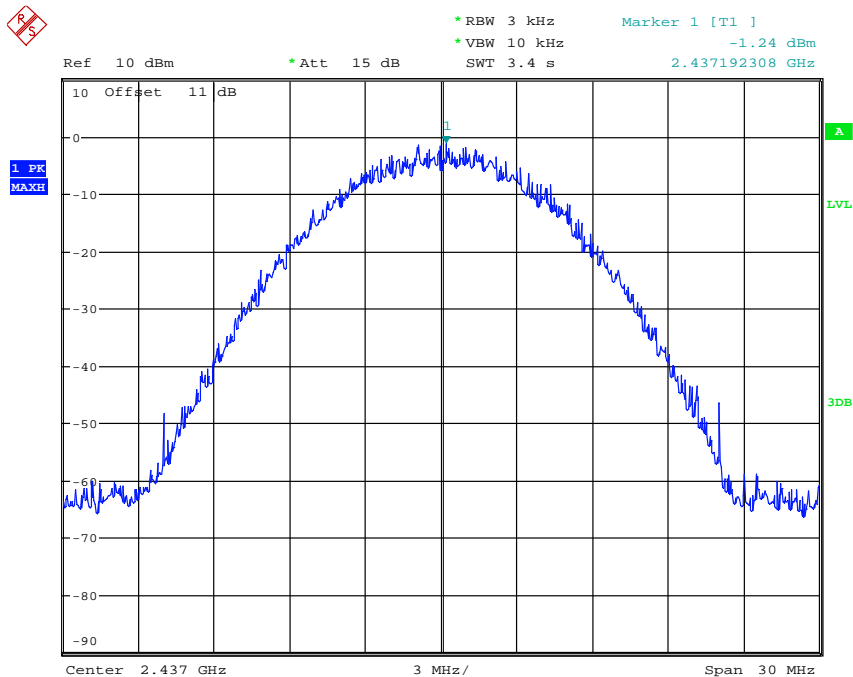
POWER DENSITY 802.11B CH01  
Date: 25.MAR.2015 09:24:24



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

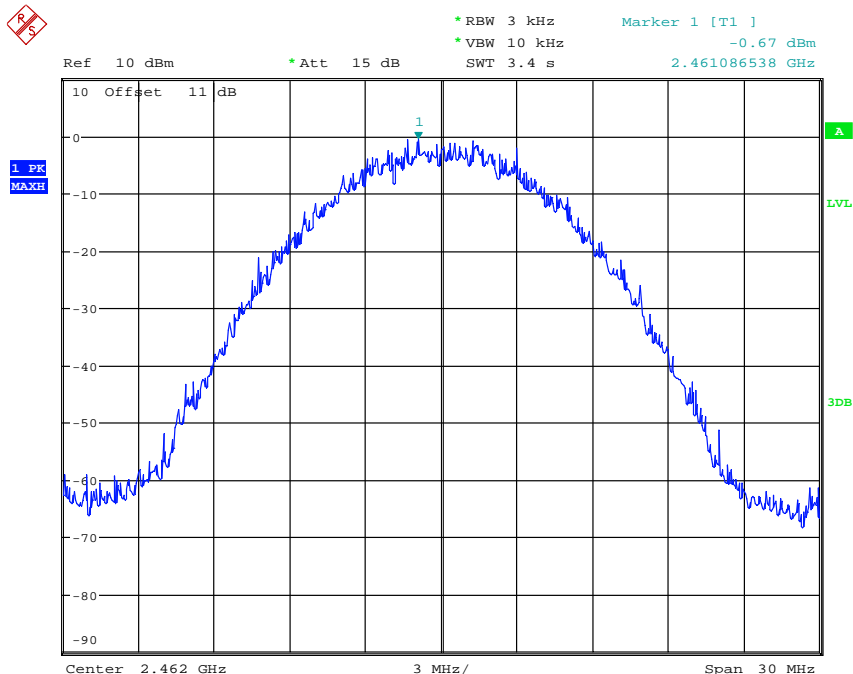
Registration number: W6M21501-14799-C-1

FCC ID: ZTT-REC22A



POWER DENSITY 802.11B CH06

Date: 25.MAR.2015 09:25:14



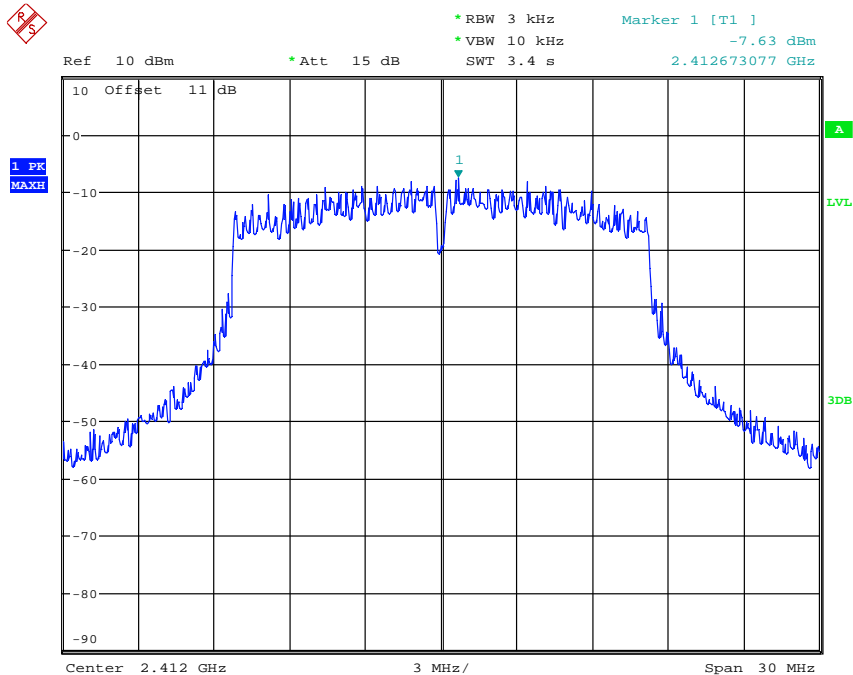
POWER DENSITY 802.11B CH11

Date: 25.MAR.2015 09:25:58

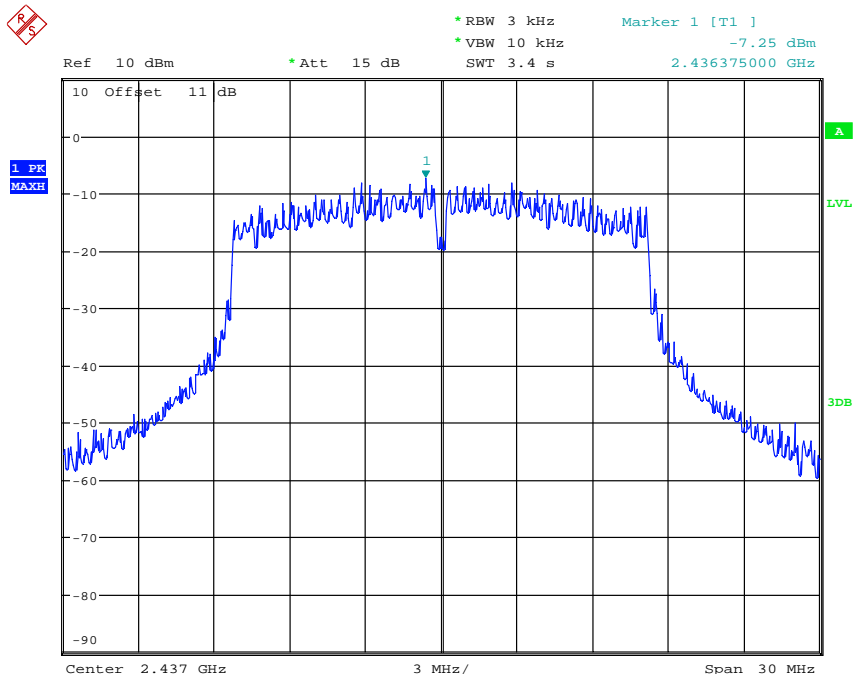


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



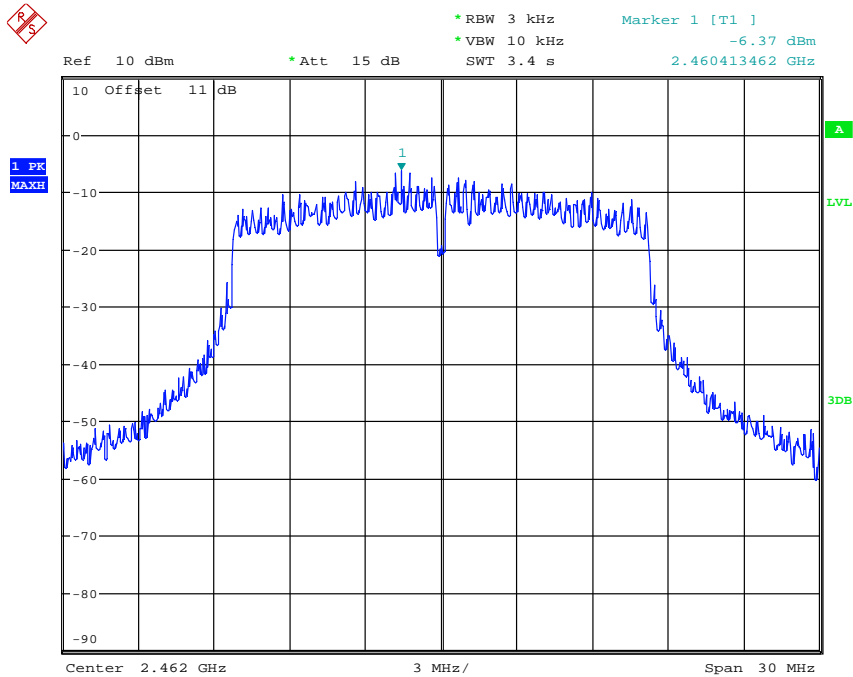
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Date: 25.MAR.2015 09:27:57



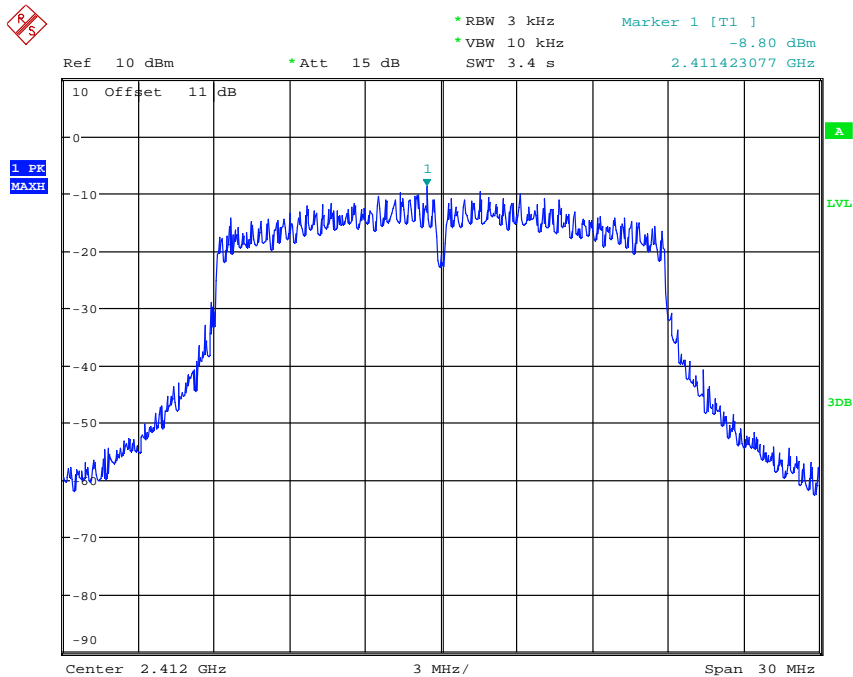
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Date: 25.MAR.2015 09:29:01



Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



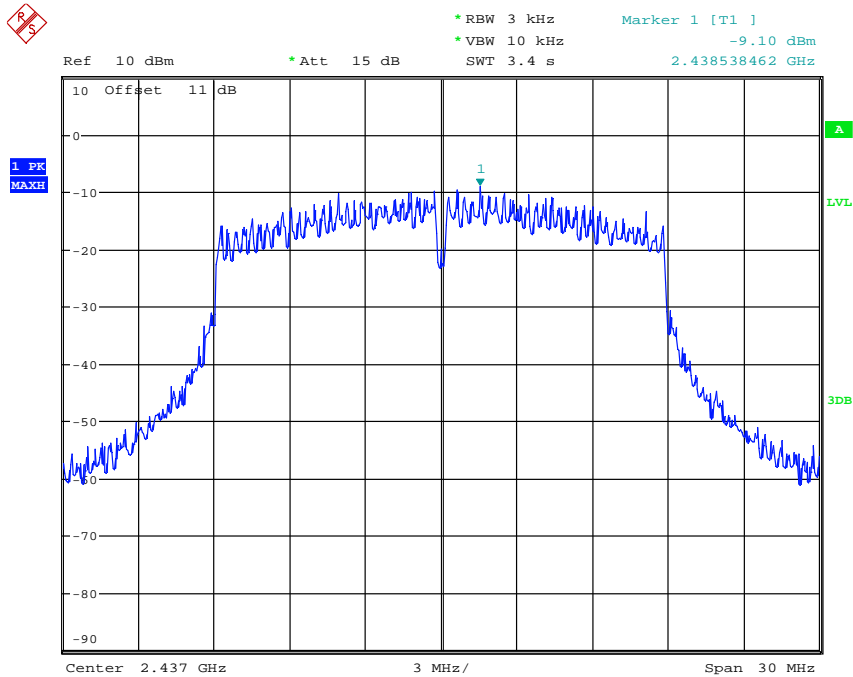
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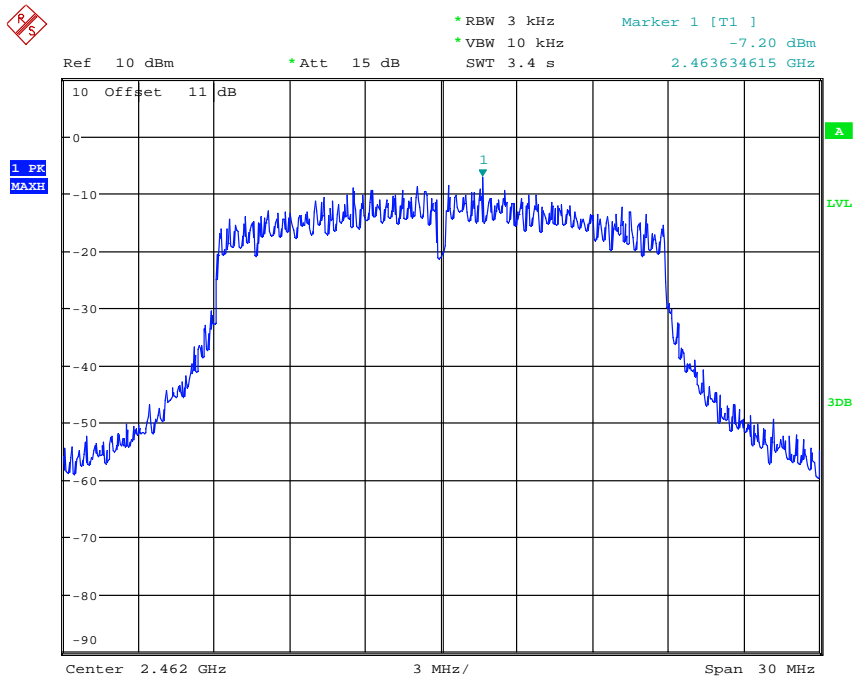
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Date: 25.MAR.2015 09:31:41



Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



POWER DENSITY 802.11N 20MHZ CH06  
Date: 25.MAR.2015 09:37:58



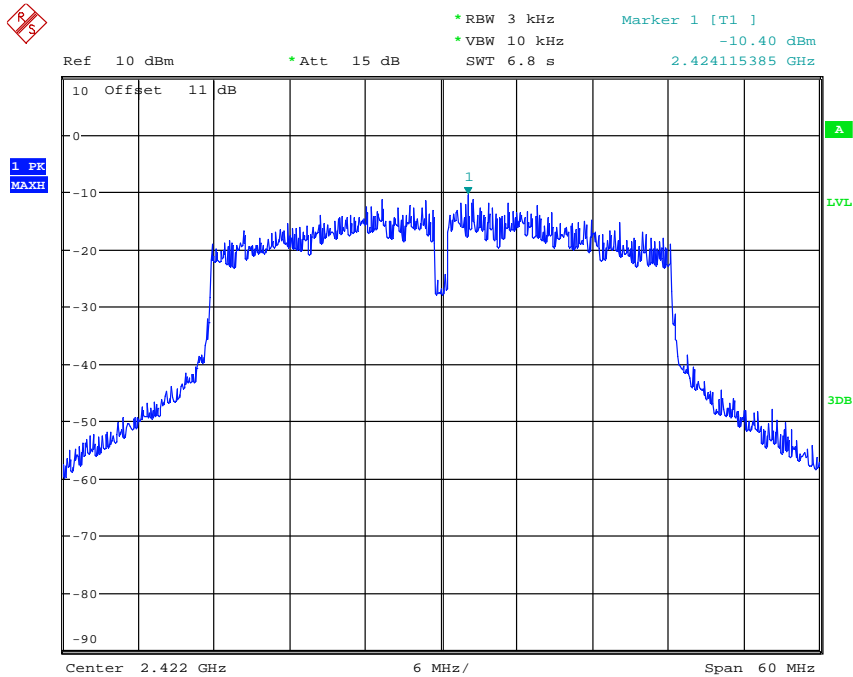
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Date: 25.MAR.2015 09:38:40



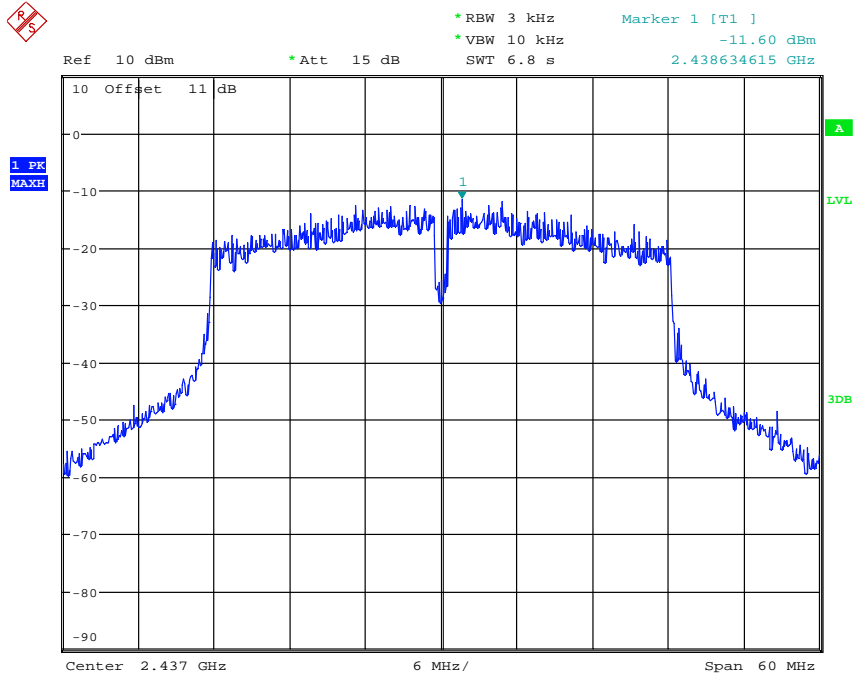


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A



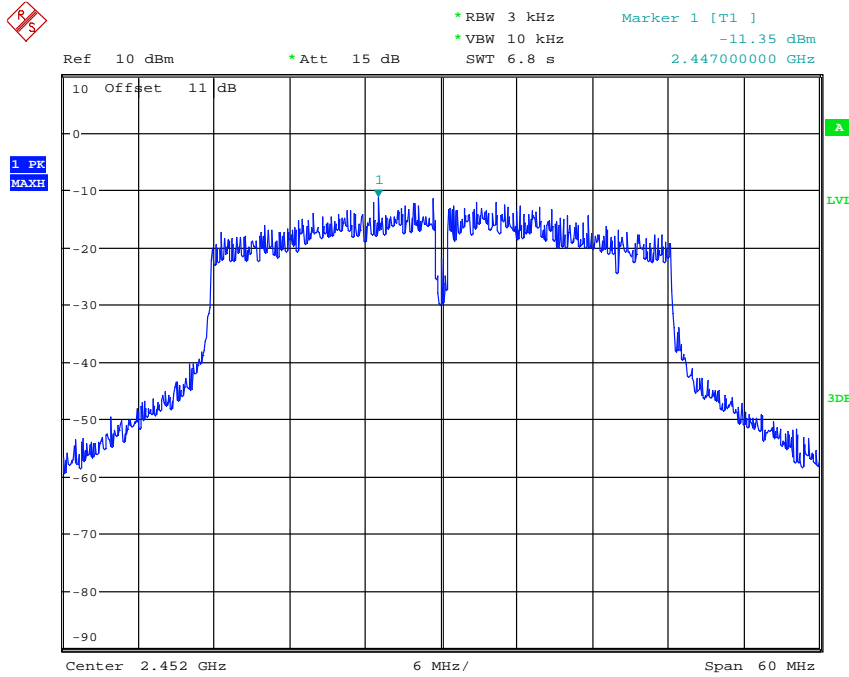
POWER DENSITY 802.11N 40MHZ CH01  
Date: 25.MAR.2015 09:46:39



POWER DENSITY 802.11N 40MHZ CH04  
Date: 25.MAR.2015 09:47:48



Registration number: W6M21501-14799-C-1  
 FCC ID: ZTT-REC22A



POWER DENSITY 802.11N 40MHZ CH07  
 Date: 25.MAR.2015 09:50:17

ANT1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.382	0.324	0.364	-4.18	-4.90	-4.39
802.11n 40MHz	0.203	0.207	0.163	-6.92	-6.83	-7.88
ANT2	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.132	0.123	0.191	-8.80	-9.10	-7.20
802.11n 40MHz	0.091	0.069	0.073	-10.40	-11.60	-11.35
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.514	0.447	0.555	-2.890	-3.497	-2.557
802.11n 40MHz	0.294	0.276	0.236	-5.317	-5.591	-6.271



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

Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A

**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: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A

**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 055, ETSTW-RE 064, ETSTW-RE 004, ETSTW-RE 030  
ETSTW-RE 111

Explanation: The test results are listed in the separated test report no.: W6M21501-14799-P-15B.

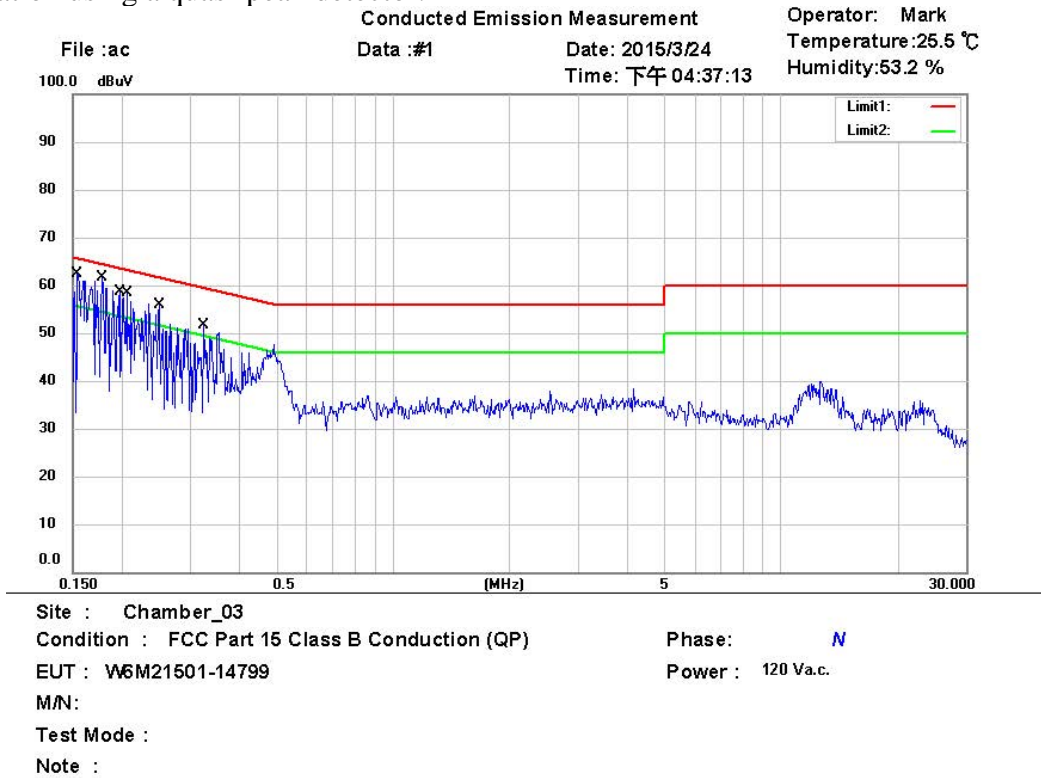


Registration number: W6M21501-14799-C-1  
 FCC ID: ZTT-REC22A

### 3.10 Power Line Conducted Emission

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

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

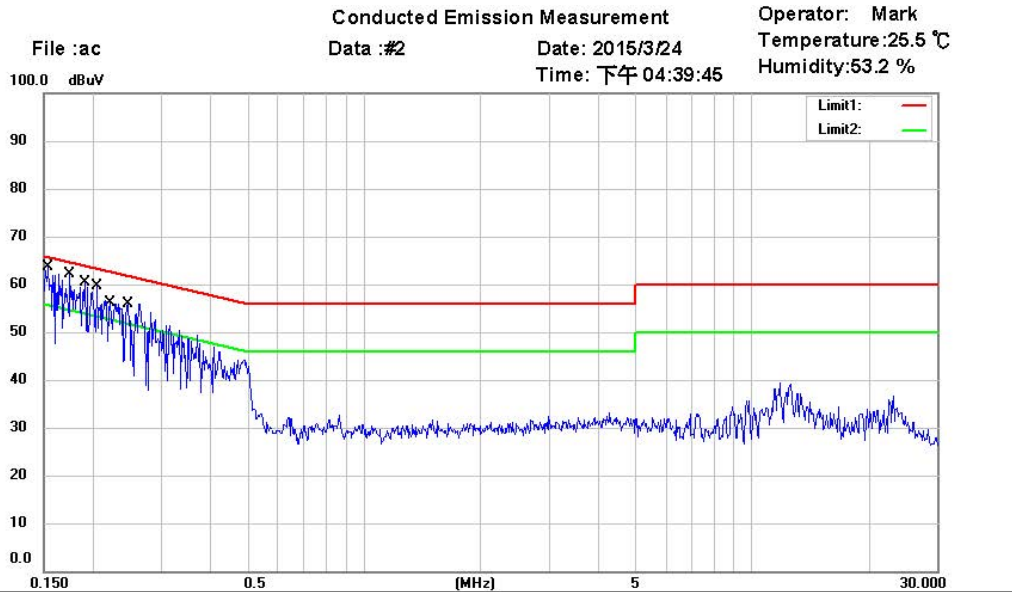


Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1540	39.30	QP	9.76	49.06	65.78	-16.72	
	0.1540	17.31	AVG	9.76	27.07	55.78	-28.71	
	0.1782	36.46	QP	9.76	46.22	64.57	-18.35	
	0.1782	15.79	AVG	9.76	25.55	54.57	-29.02	
	0.1983	34.34	QP	9.76	44.10	63.68	-19.58	
	0.1983	14.95	AVG	9.76	24.71	53.68	-28.97	
	0.2058	34.48	QP	9.76	44.24	63.37	-19.13	
	0.2058	14.68	AVG	9.76	24.44	53.37	-28.93	
	0.2484	29.57	QP	9.76	39.33	61.81	-22.48	
	0.2484	12.56	AVG	9.76	22.32	51.81	-29.49	
	0.3248	24.40	QP	9.76	34.16	59.58	-25.42	
	0.3248	11.07	AVG	9.76	20.83	49.58	-28.75	



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

Registration number: W6M21501-14799-C-1  
 FCC ID: ZTT-REC22A



Site : Chamber\_03  
 Condition : FCC Part 15 Class B Conduction (QP) Phase: L1  
 EUT : W6M21501-14799 Power : 120 V.a.c.  
 MN:  
 Test Mode :  
 Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1537	39.18	QP	9.70	48.88	65.80	-16.92	
	0.1537	16.56	AVG	9.70	26.26	55.80	-29.54	
	0.1747	37.44	QP	9.70	47.14	64.73	-17.59	
	0.1747	15.79	AVG	9.70	25.49	54.73	-29.24	
	0.1908	36.20	QP	9.70	45.90	64.00	-18.10	
	0.1908	13.49	AVG	9.70	23.19	54.00	-30.81	
	0.2050	34.20	QP	9.70	43.90	63.41	-19.51	
	0.2050	11.06	AVG	9.70	20.76	53.41	-32.65	
	0.2211	32.28	QP	9.70	41.98	62.78	-20.80	
	0.2211	12.38	AVG	9.70	22.08	52.78	-30.70	
	0.2464	31.17	QP	9.70	40.87	61.88	-21.01	
	0.2464	13.15	AVG	9.70	22.85	51.88	-29.03	

- 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. Measurement uncertainty = ±1.67 dB; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.
  6. 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

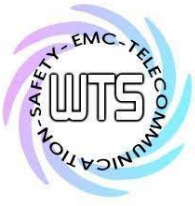


Registration number: W6M21501-14799-C-1  
FCC ID: ZTT-REC22A

## **Appendix**

### **Measurement diagrams**

Spurious Emissions radiated



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

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ANT 1





Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

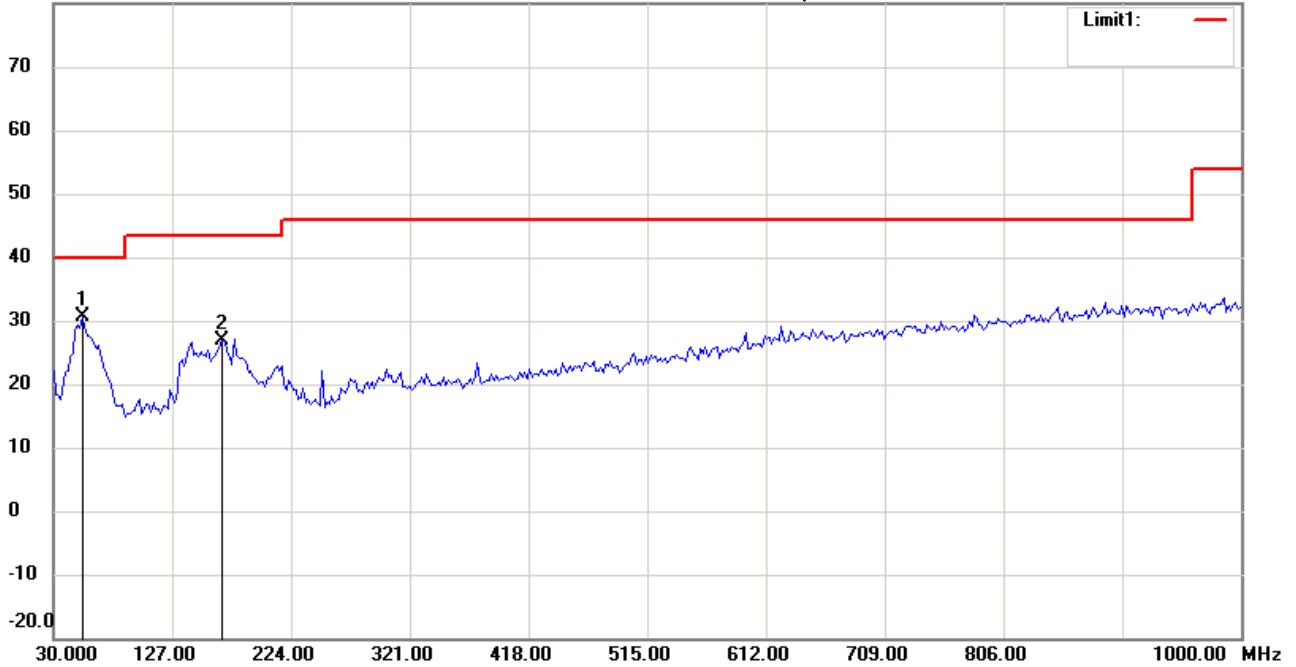
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:22:32

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	16.43	peak	14.12	30.55	40.00	100	35	-9.45	
	168.0160	11.67	peak	15.17	26.84	43.50	100	160	-16.66	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

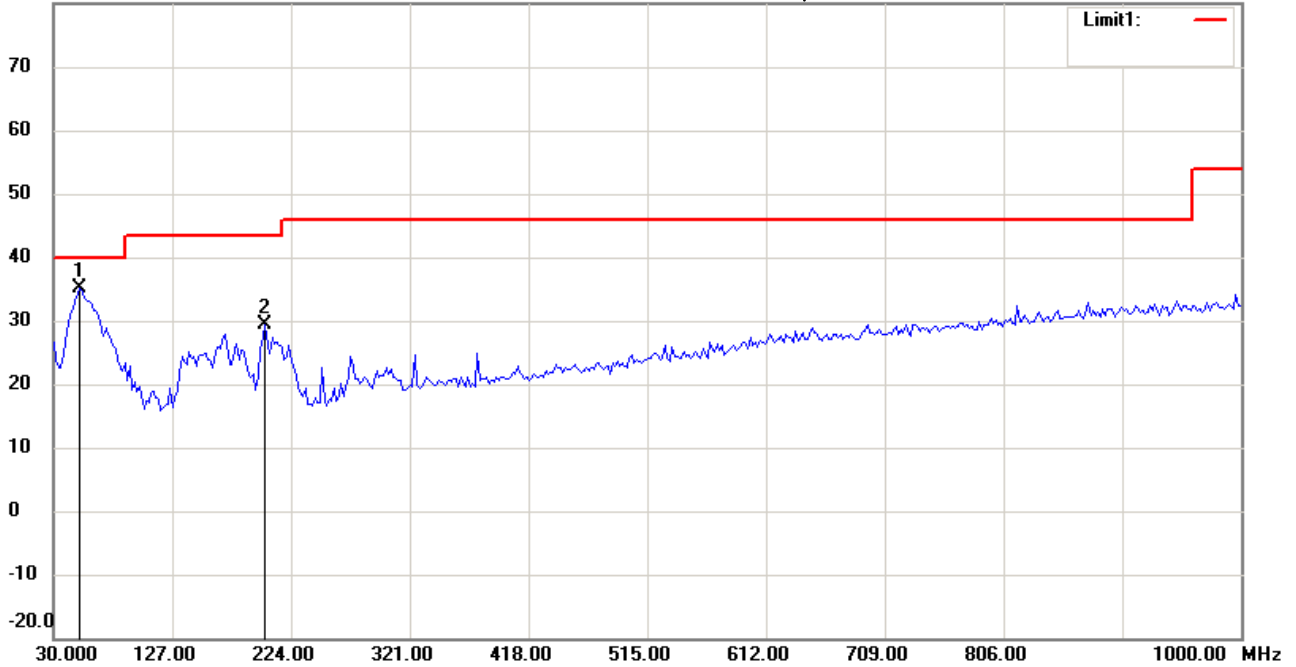
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:23:17

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3828	20.69	peak	14.41	35.10	40.00	100	185	-4.90	
	203.0060	17.00	peak	12.36	29.36	43.50	100	90	-14.14	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#1

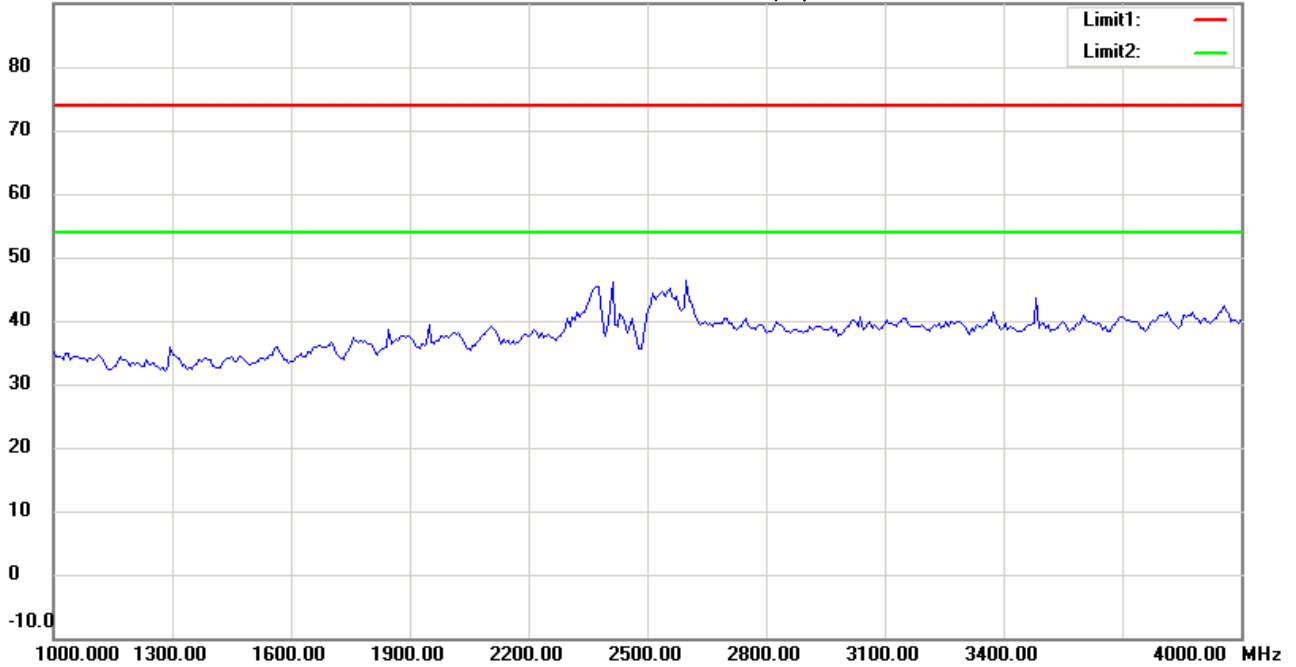
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:26:58

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Ken

File :3

Data :#6

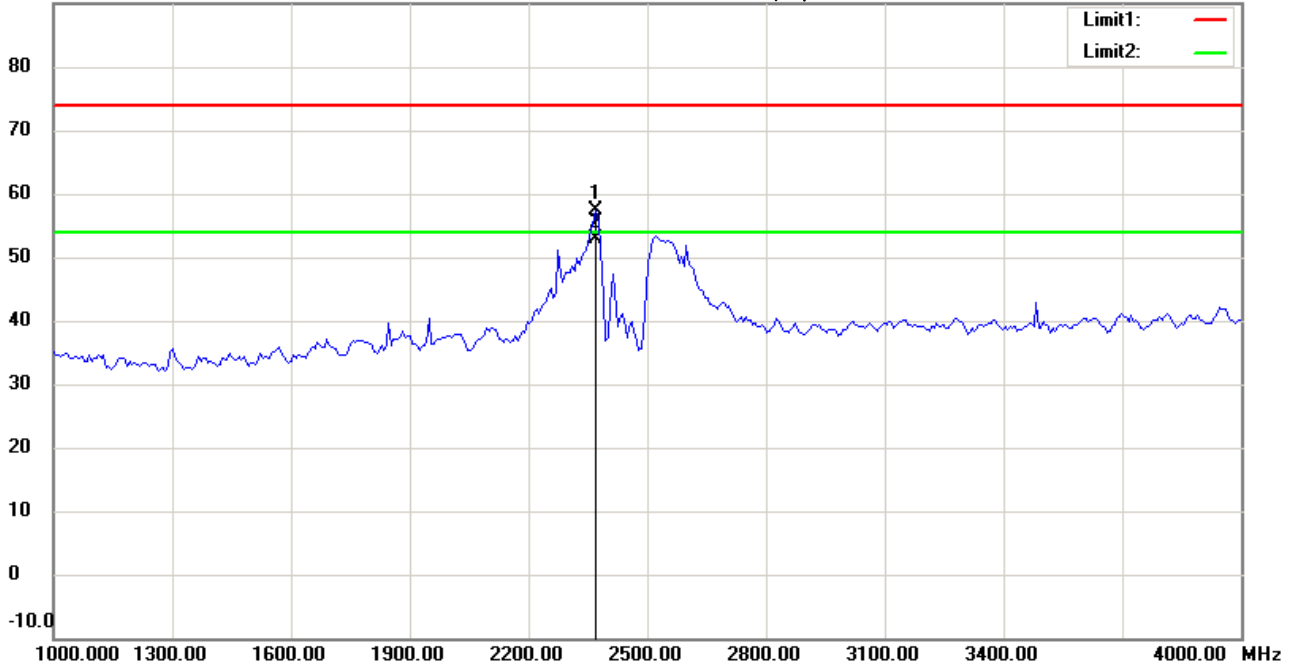
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:29:43

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2367.475	62.15	peak	-4.86	57.29	74.00	100	60	-16.71	
*	2367.475	57.77	AVG	-4.86	52.91	54.00	100	60	-1.09	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#2

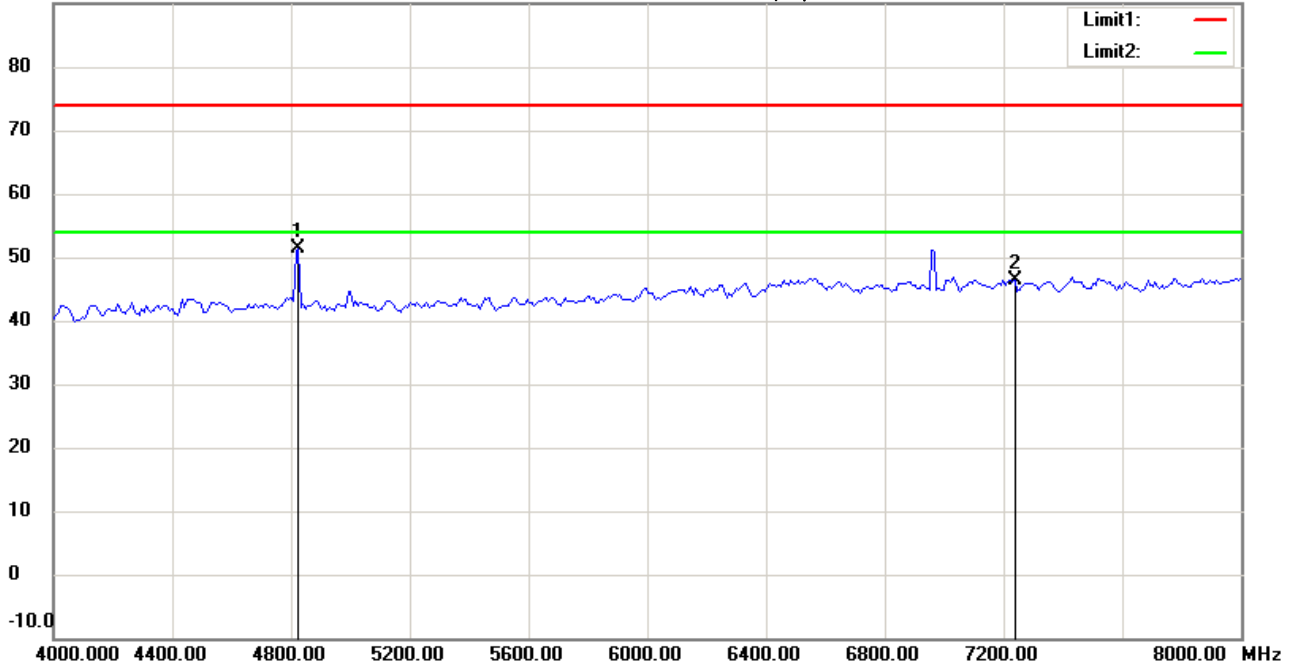
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:27:44

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4824.000	50.70	peak	0.68	51.38	74.00	100	120	-22.62	
	7236.000	42.00	peak	4.30	46.30	74.00	100	145	-27.70	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#7

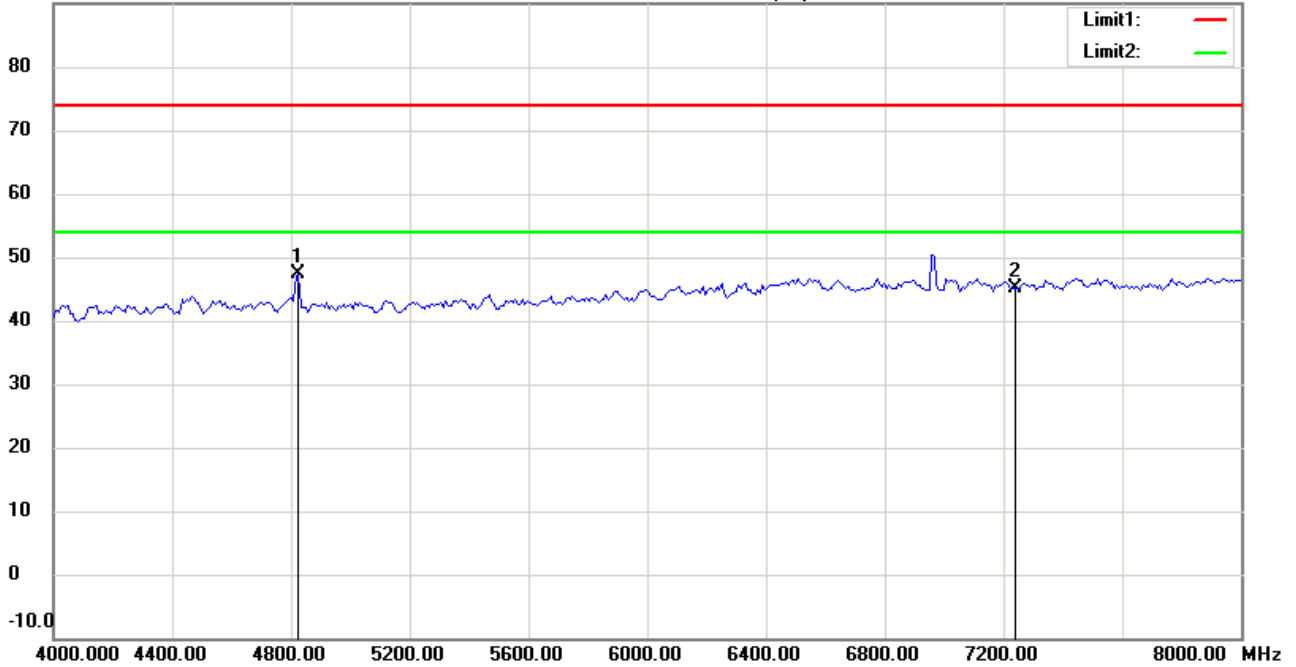
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:30:29

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	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	46.76	peak	0.69	47.45	74.00	100	165	-26.55	
	7236.000	40.93	peak	4.30	45.23	74.00	100	130	-28.77	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#3

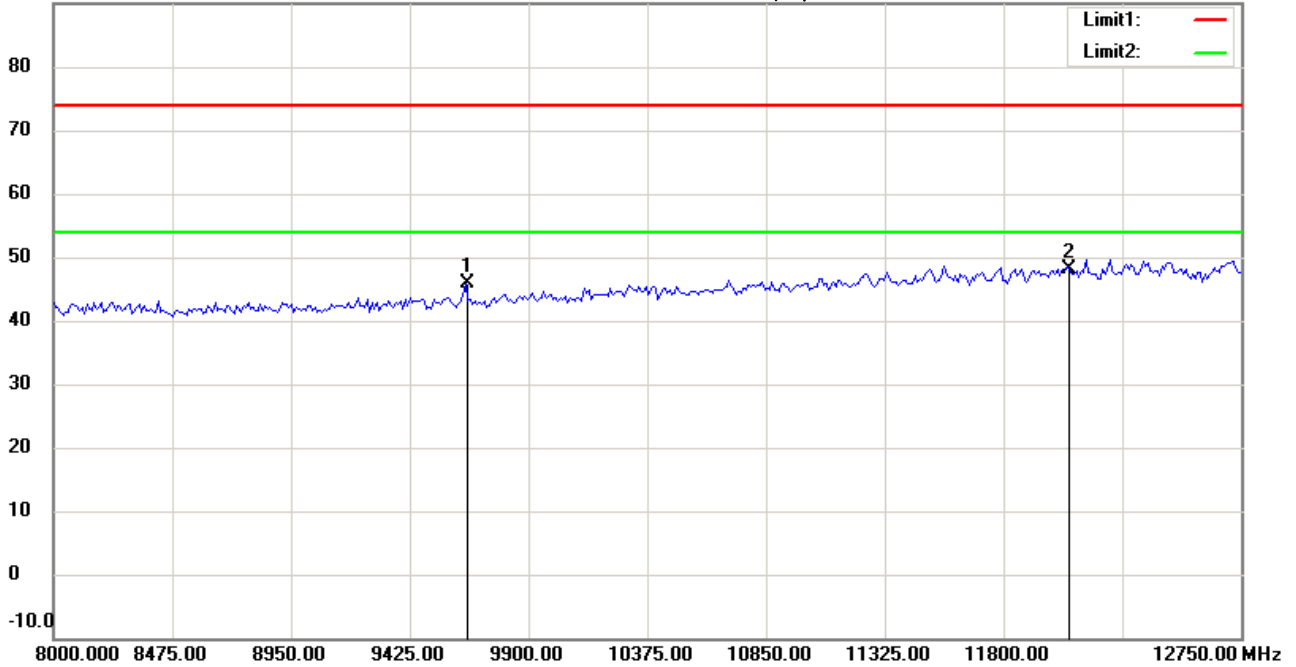
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:28:35

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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
	9646.794	38.36	peak	7.46	45.82	74.00	100	70	-28.18	
*	12060.000	34.86	peak	13.20	48.06	74.00	100	155	-25.94	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#8

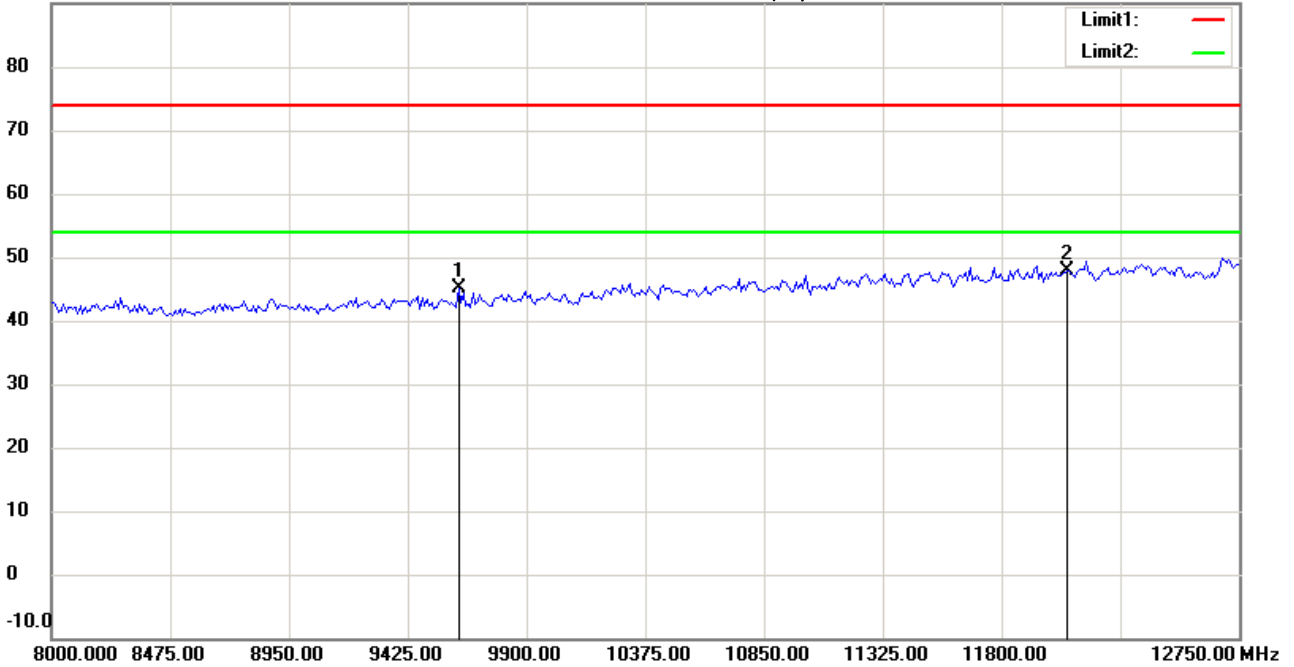
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:31:13

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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
	9627.755	37.57	peak	7.51	45.08	74.00	100	220	-28.92	
*	12060.000	34.67	peak	13.20	47.87	74.00	100	170	-26.13	





Radiated Emission Measurement

Operator: Ken

File :3

Data :#4

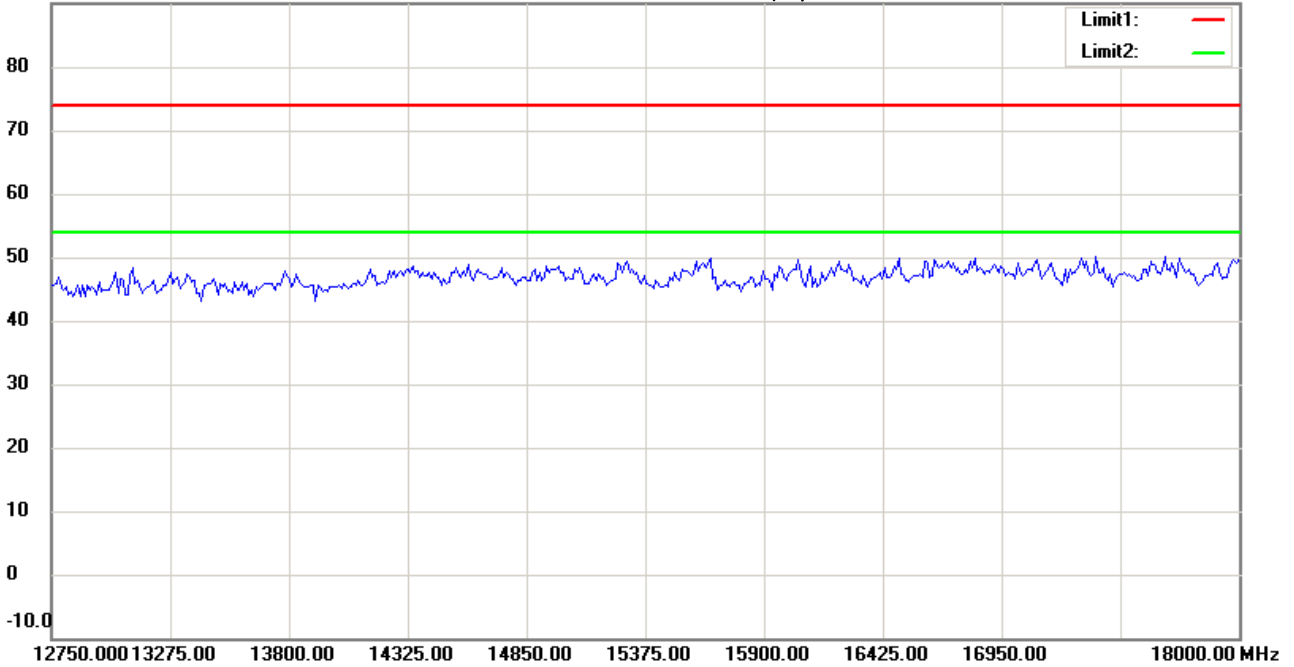
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:28:49

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

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

Operator: Ken

File :3

Data :#9

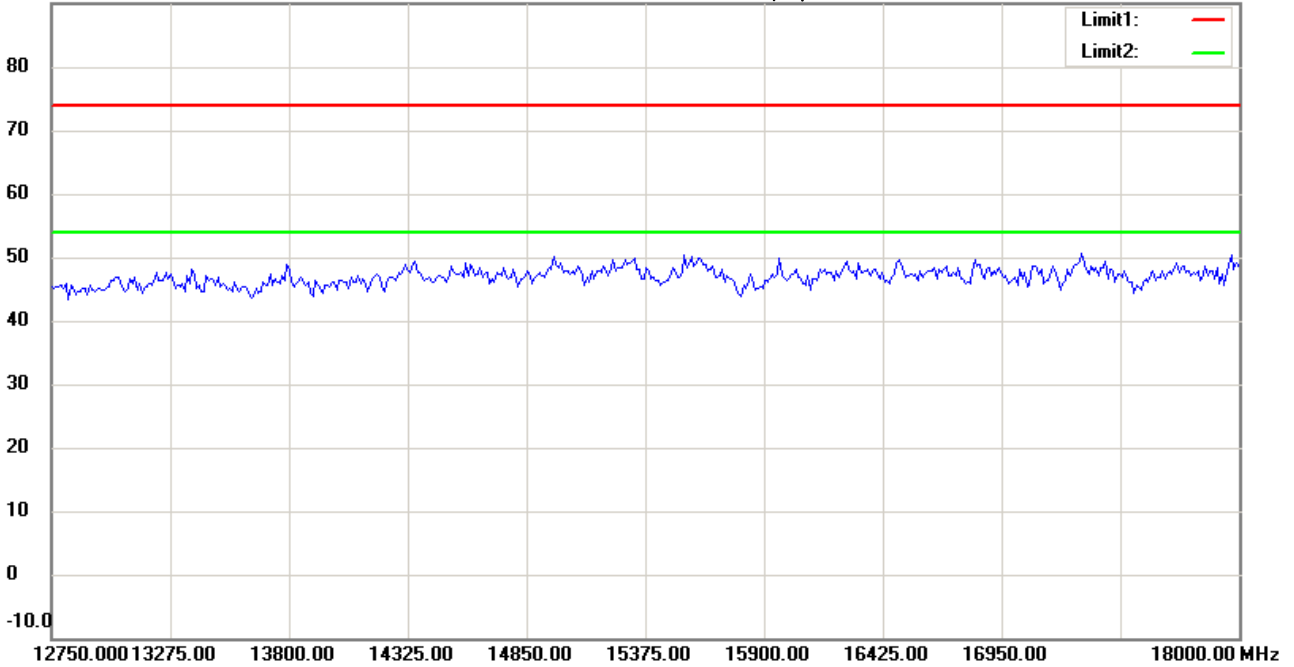
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:31:27

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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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Radiated Emission Measurement

Operator: Ken

File :3

Data :#5

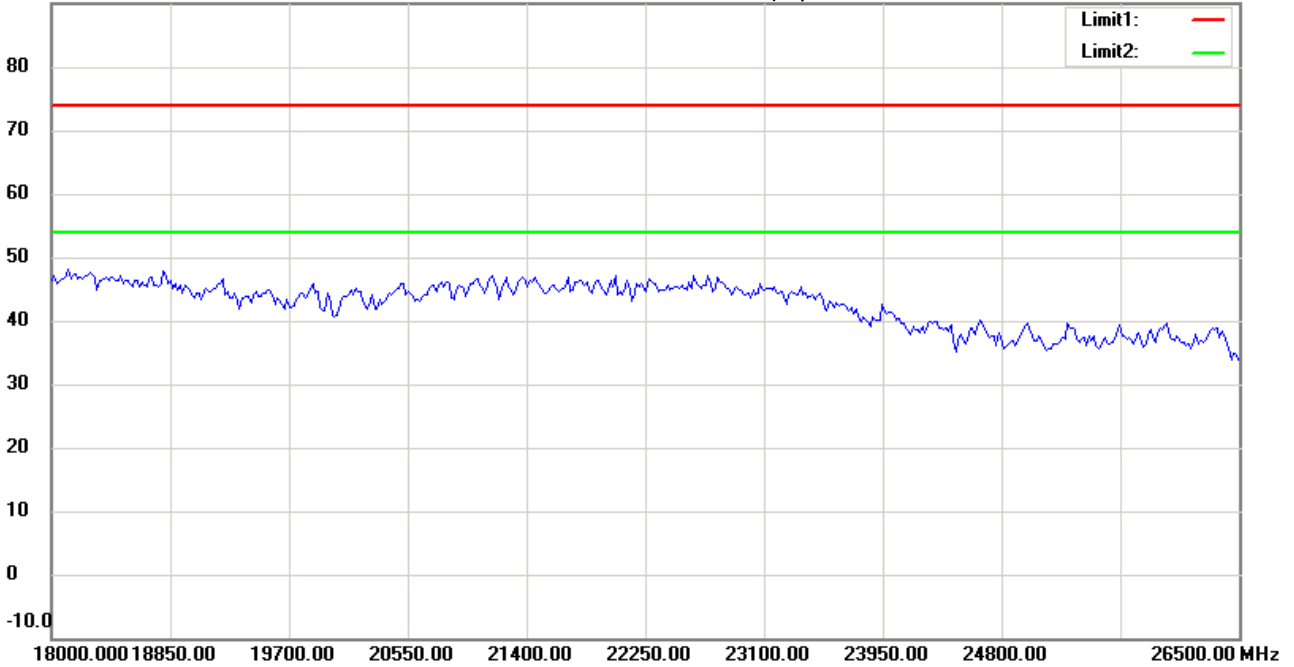
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:28:58

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Ken

File :3

Data :#10

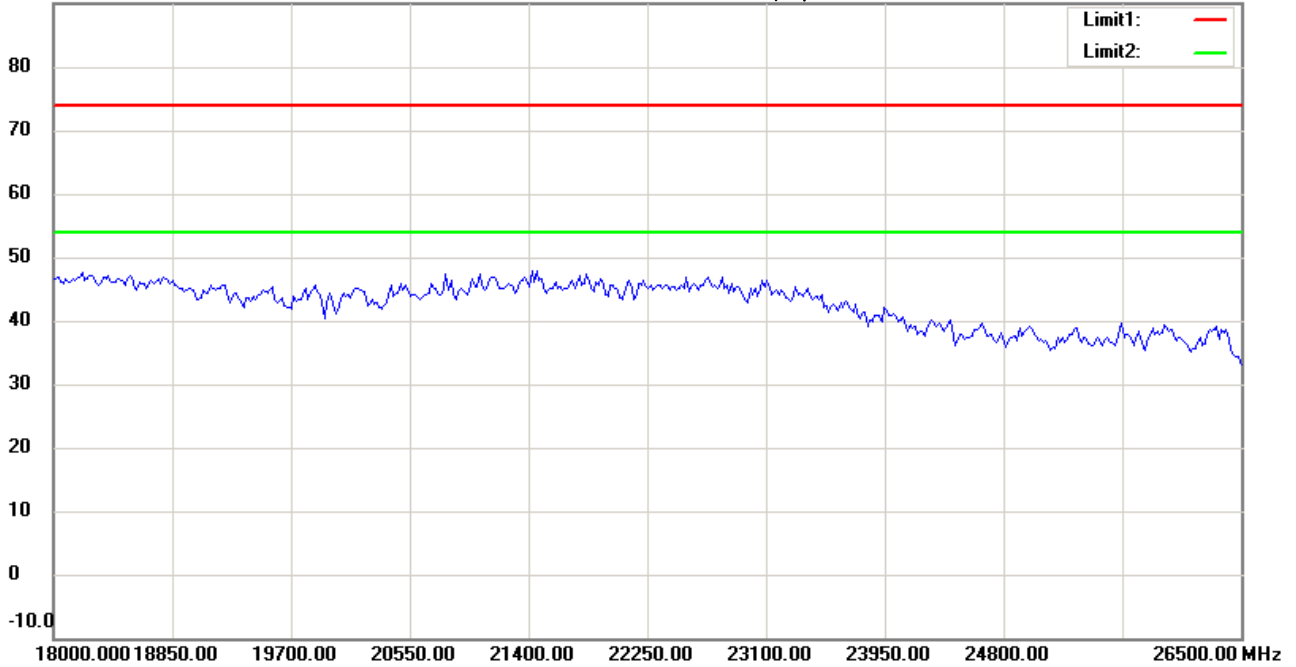
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:31:36

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

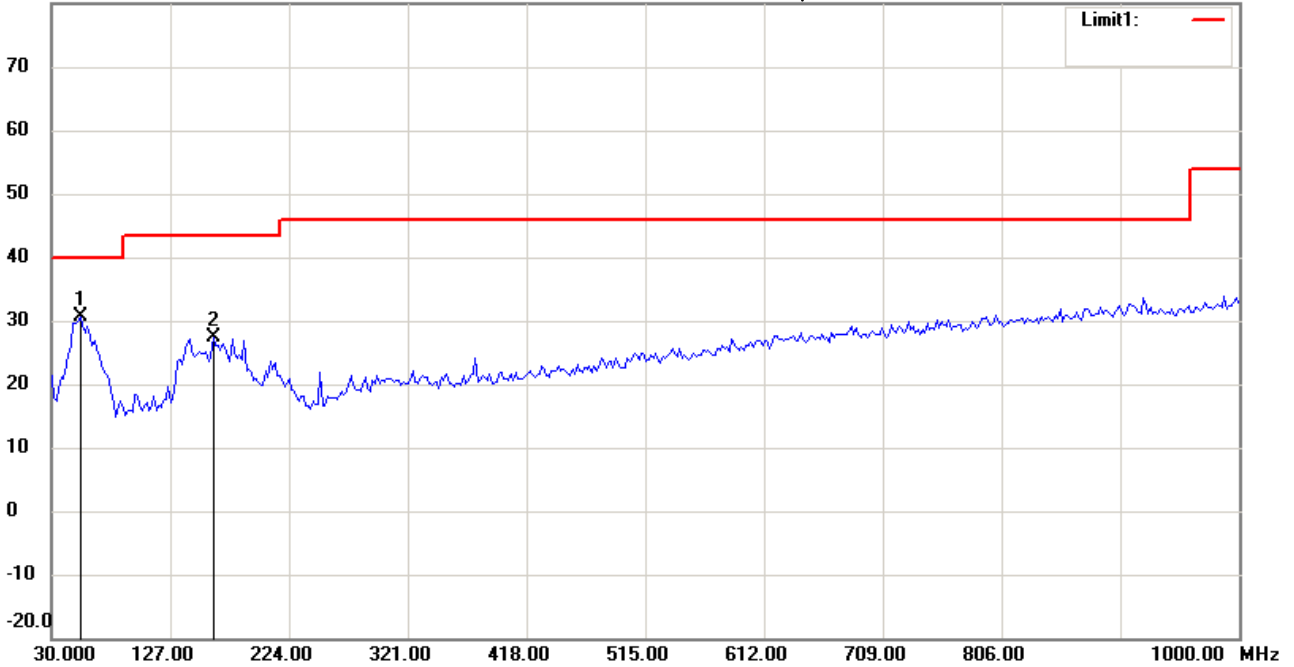
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:25:36

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	16.50	peak	14.12	30.62	40.00	100	75	-9.38	
	162.1844	11.96	peak	15.40	27.36	43.50	100	130	-16.14	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

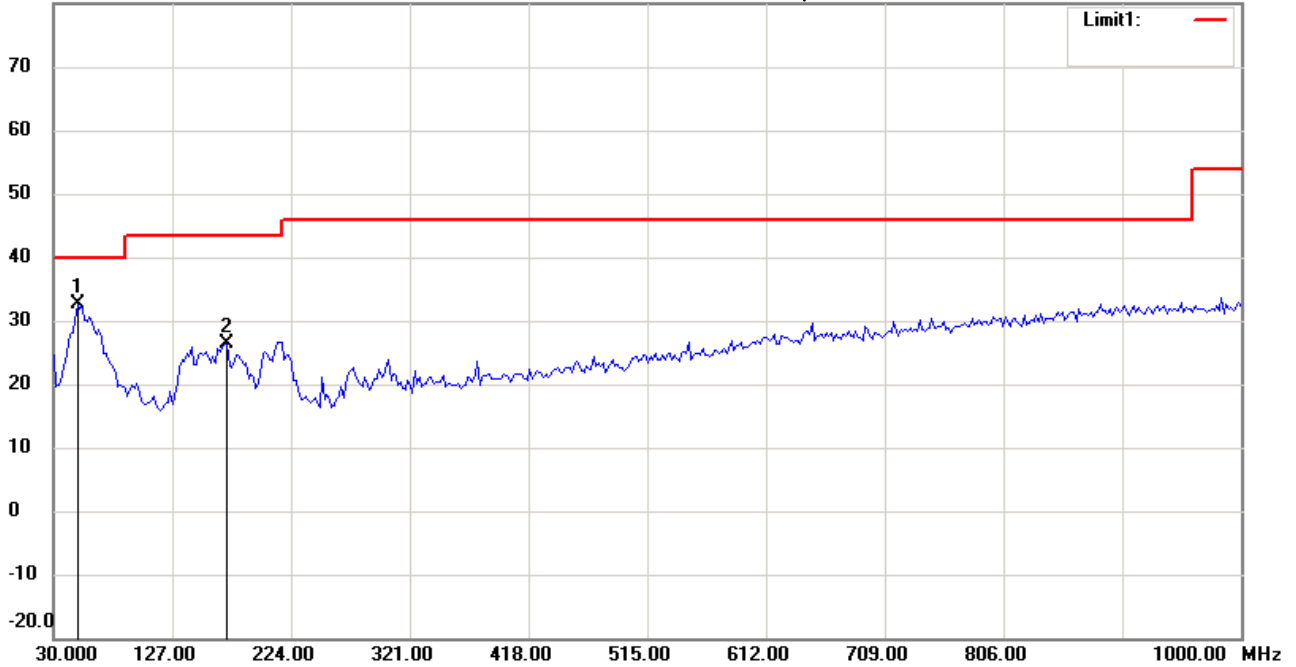
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:26:21

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	49.4388	17.98	peak	14.65	32.63	40.00	100	145	-7.37	
	171.9038	11.46	peak	14.83	26.29	43.50	100	120	-17.21	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#1

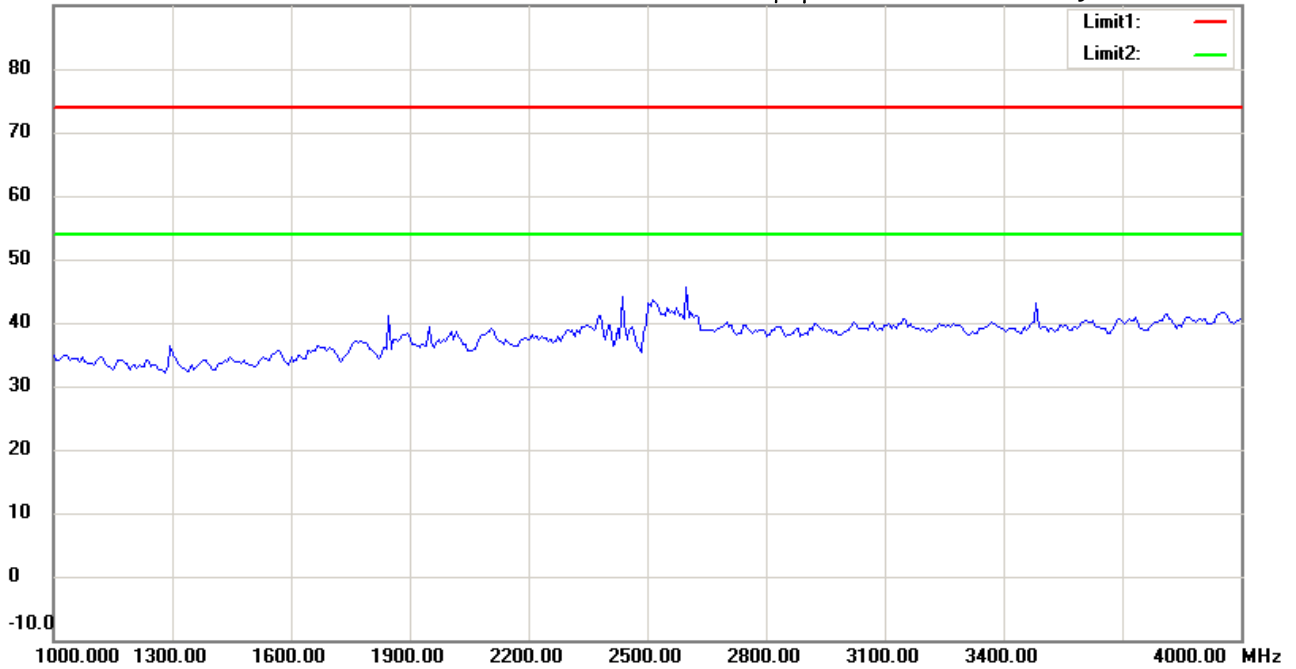
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:18:06

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

Note :

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



Radiated Emission Measurement

Operator: Ken

File :3

Data :#6

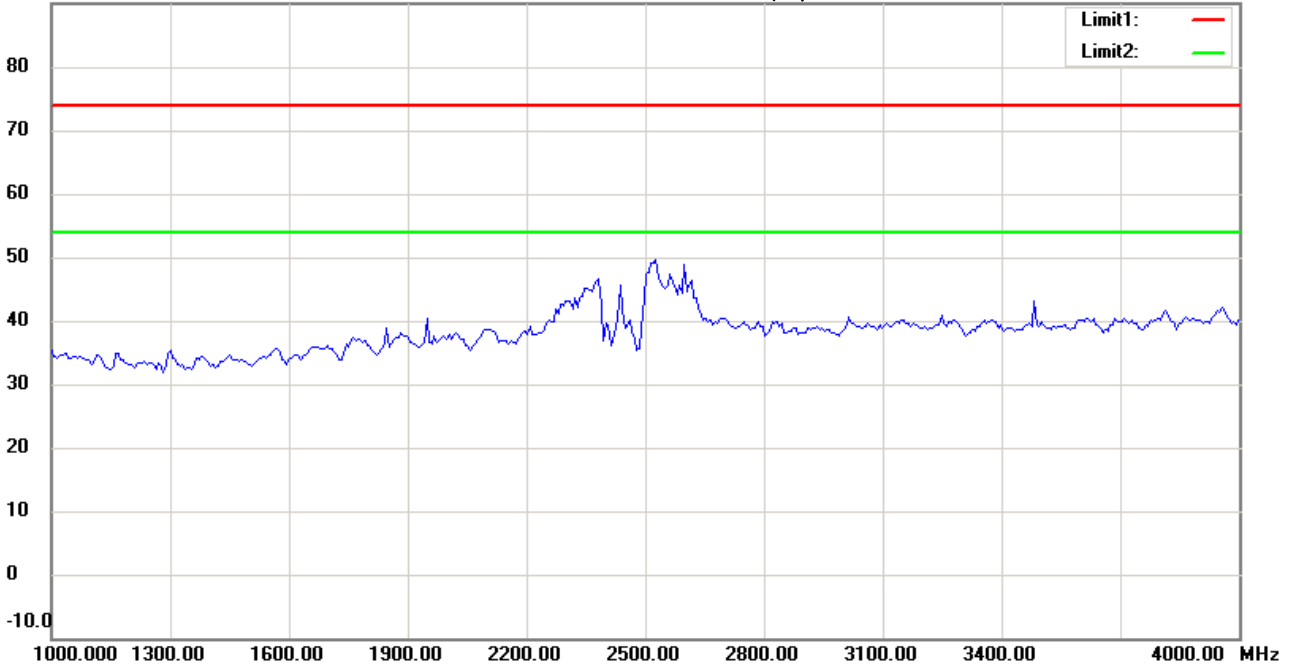
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:20:51

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------





Radiated Emission Measurement

Operator: Ken

File :3

Data :#2

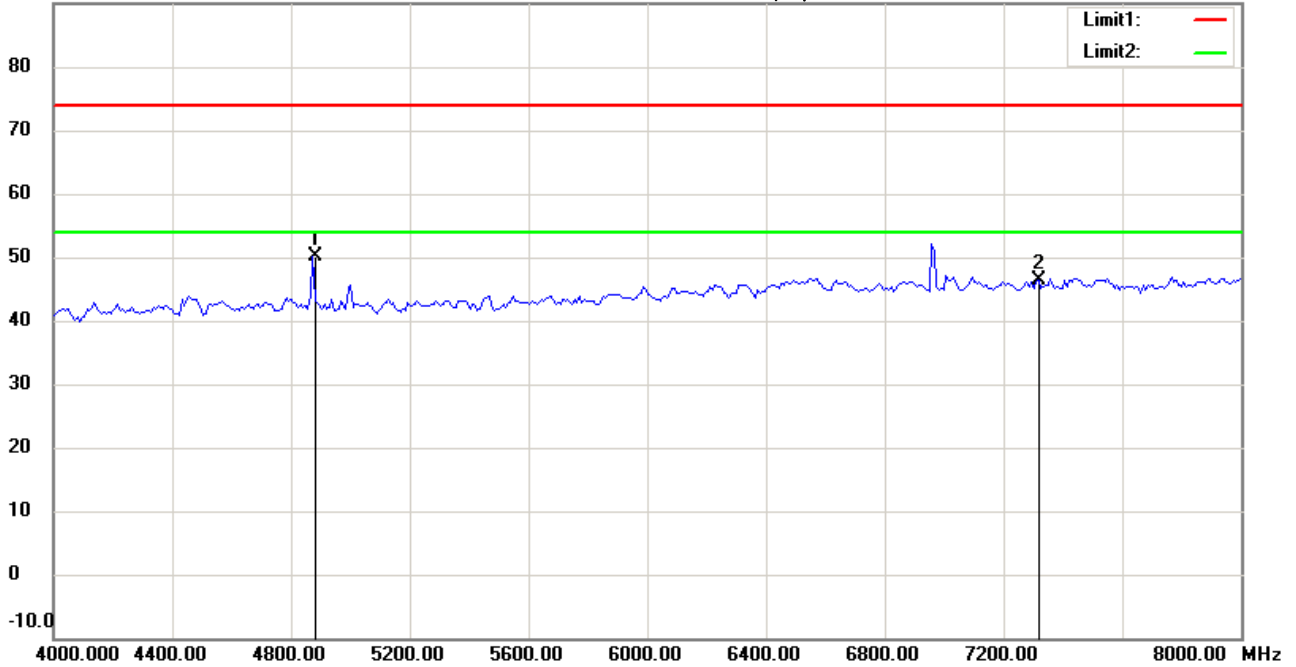
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:18:51

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	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	49.48	peak	0.73	50.21	74.00	100	140	-23.79	
	7311.000	42.03	peak	4.39	46.42	74.00	100	255	-27.58	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#7

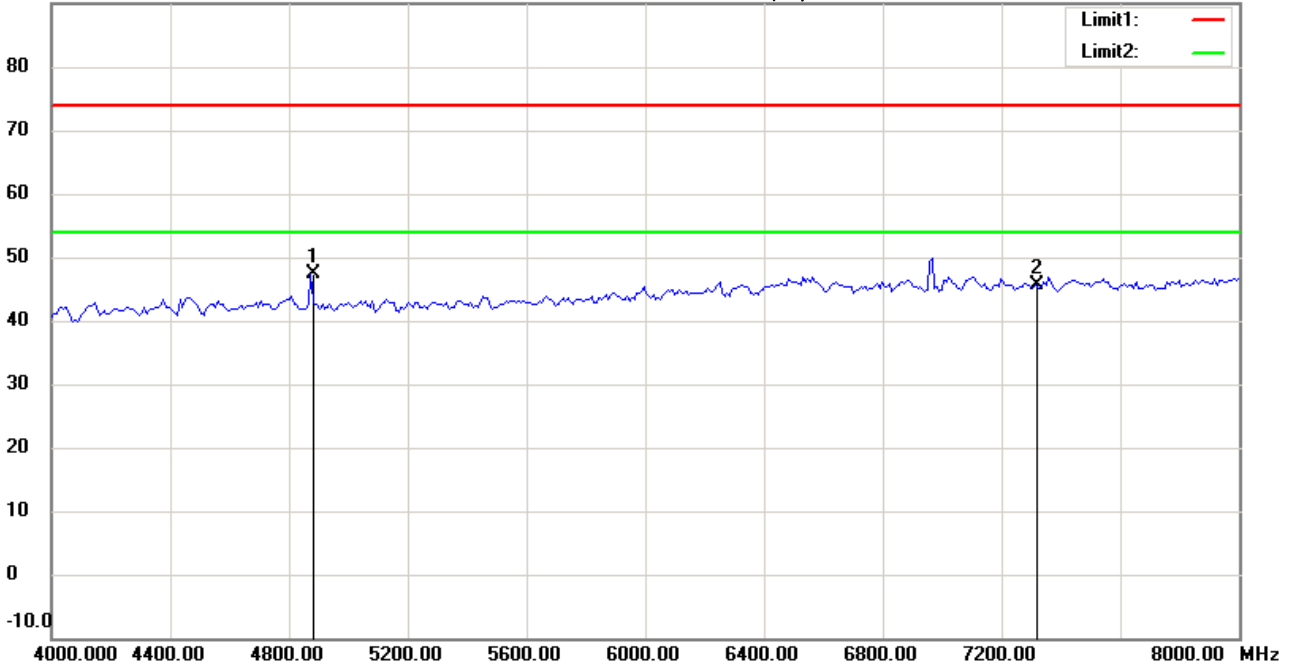
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:21:36

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	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	46.54	peak	0.73	47.27	74.00	100	135	-26.73	
	7311.000	41.26	peak	4.39	45.65	74.00	100	120	-28.35	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#3

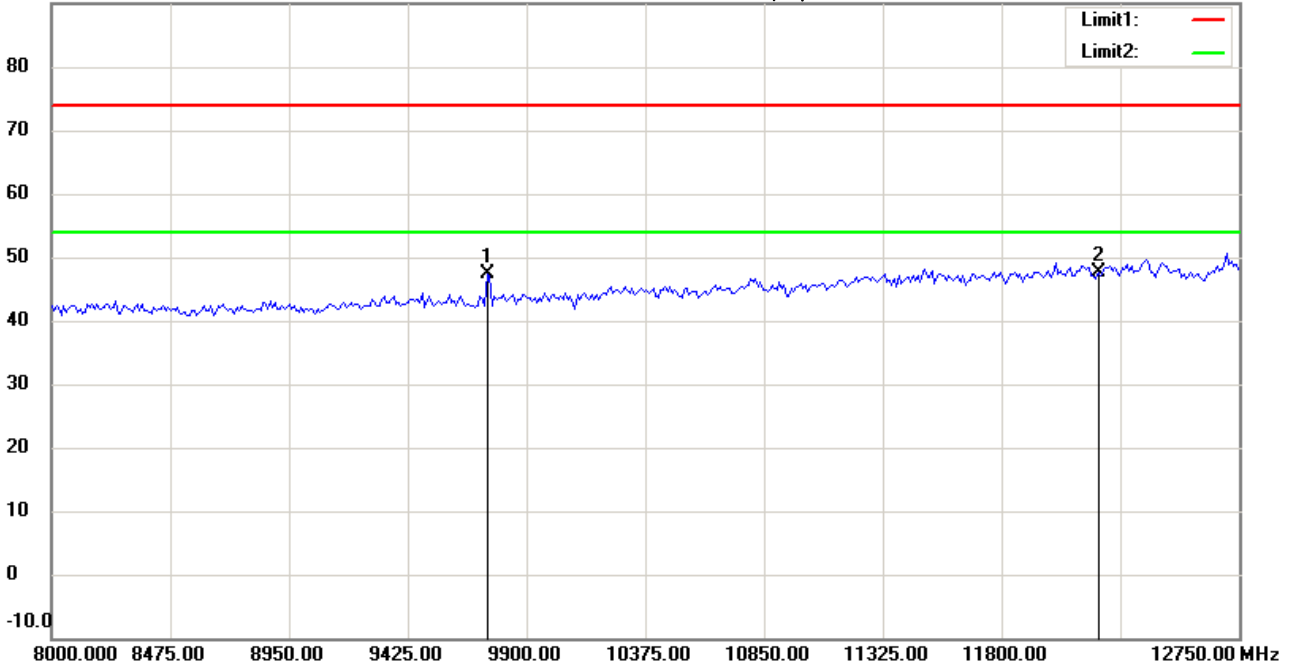
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:19:43

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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
	9741.984	39.74	peak	7.55	47.29	74.00	100	70	-26.71	
*	12185.000	33.98	peak	13.77	47.75	74.00	100	160	-26.25	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#8

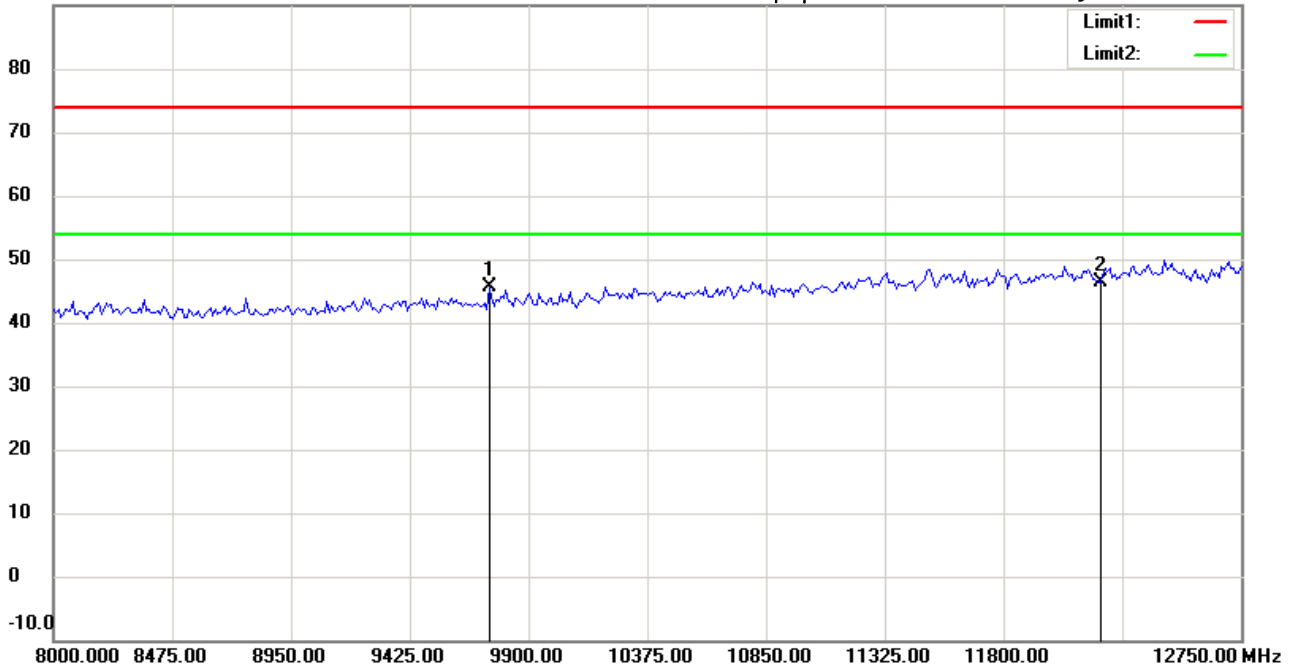
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:22:21

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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
	9741.984	38.12	peak	7.55	45.67	74.00	100	155	-28.33	
*	12185.000	32.59	peak	13.77	46.36	74.00	100	170	-27.64	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#4

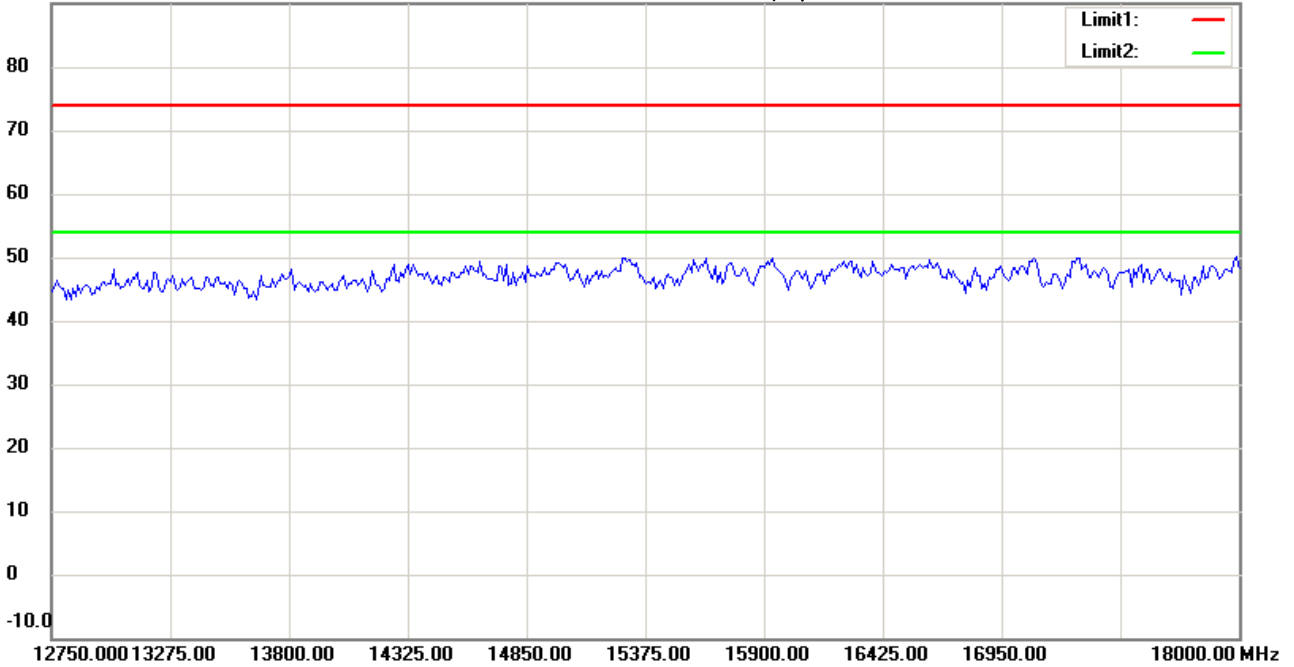
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:19:56

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Ken

File :3

Data :#9

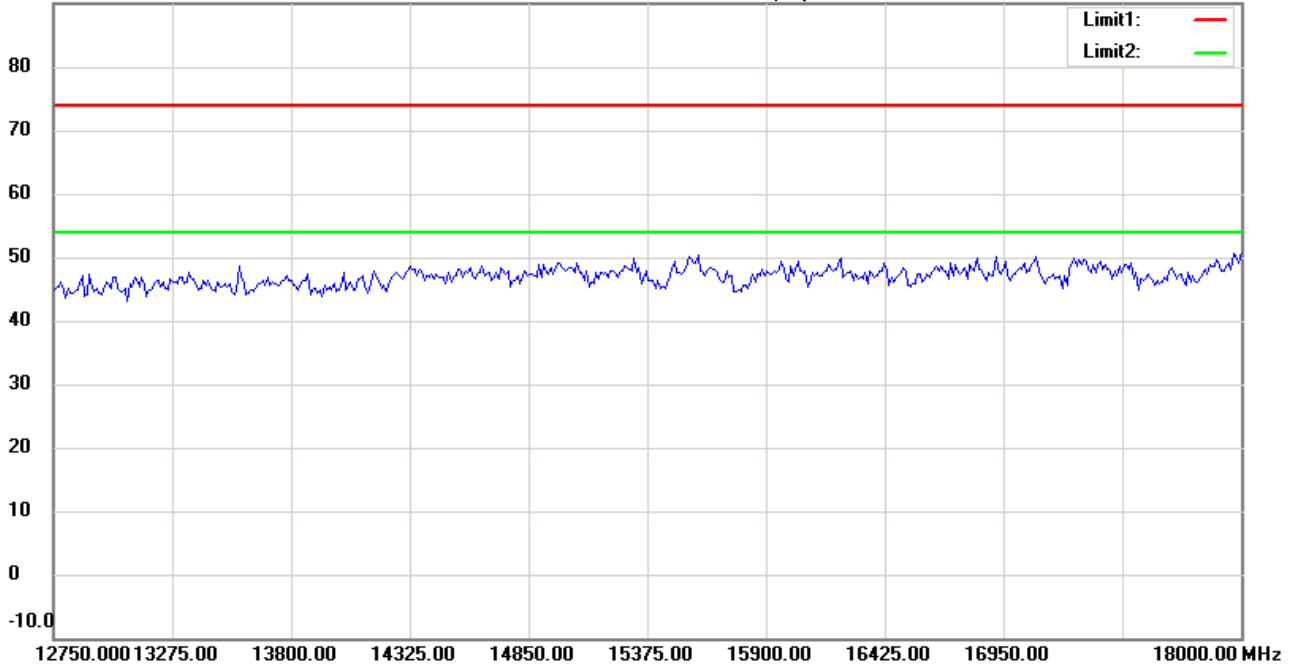
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:22:35

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

File :3

Data :#5

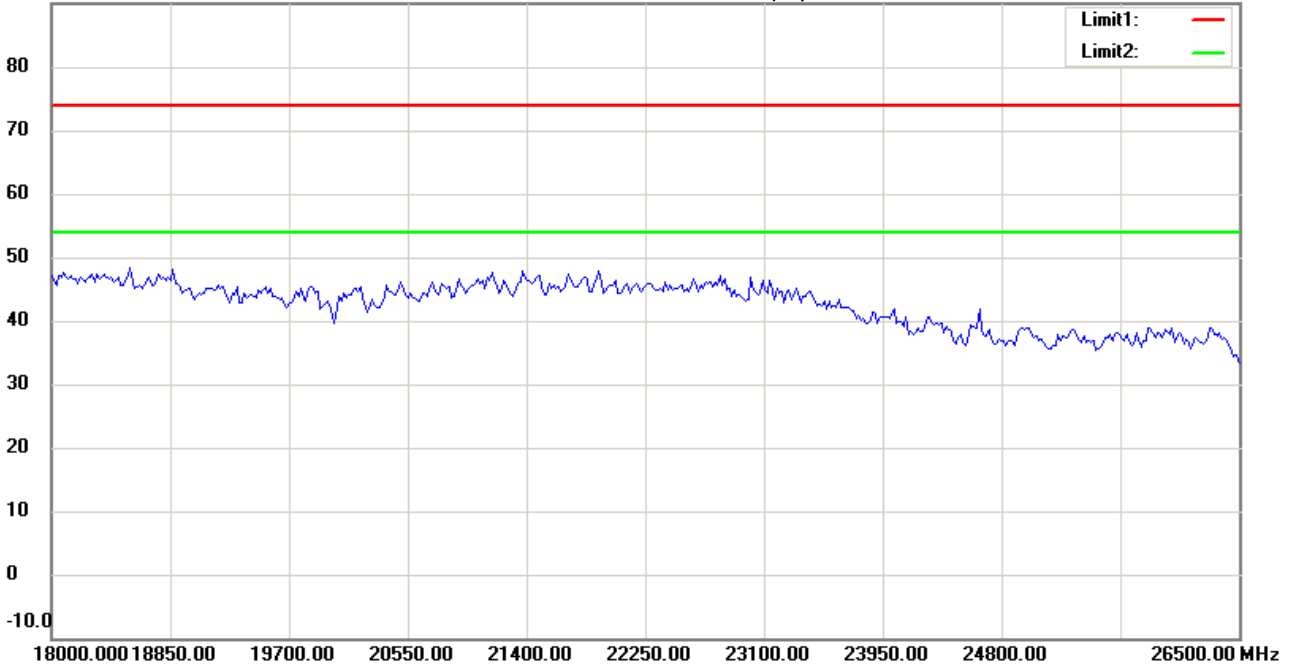
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:20:06

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

Note :

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



Radiated Emission Measurement

Operator: Ken

File :3

Data :#10

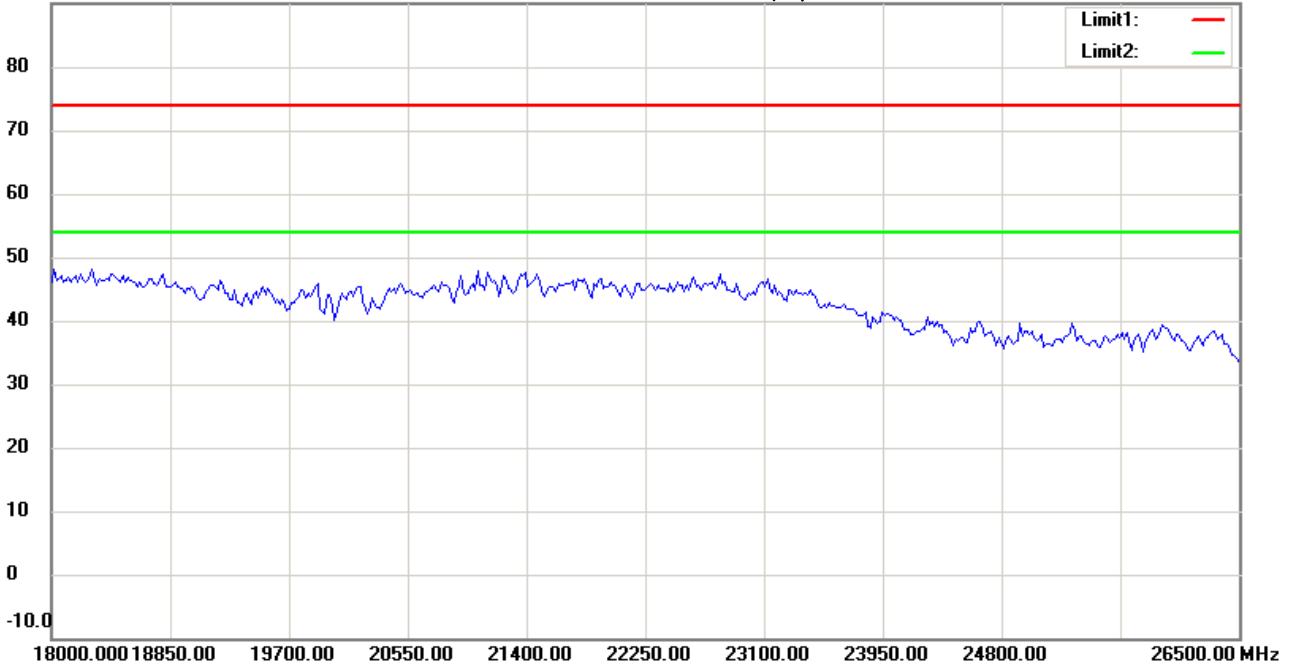
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:22:44

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

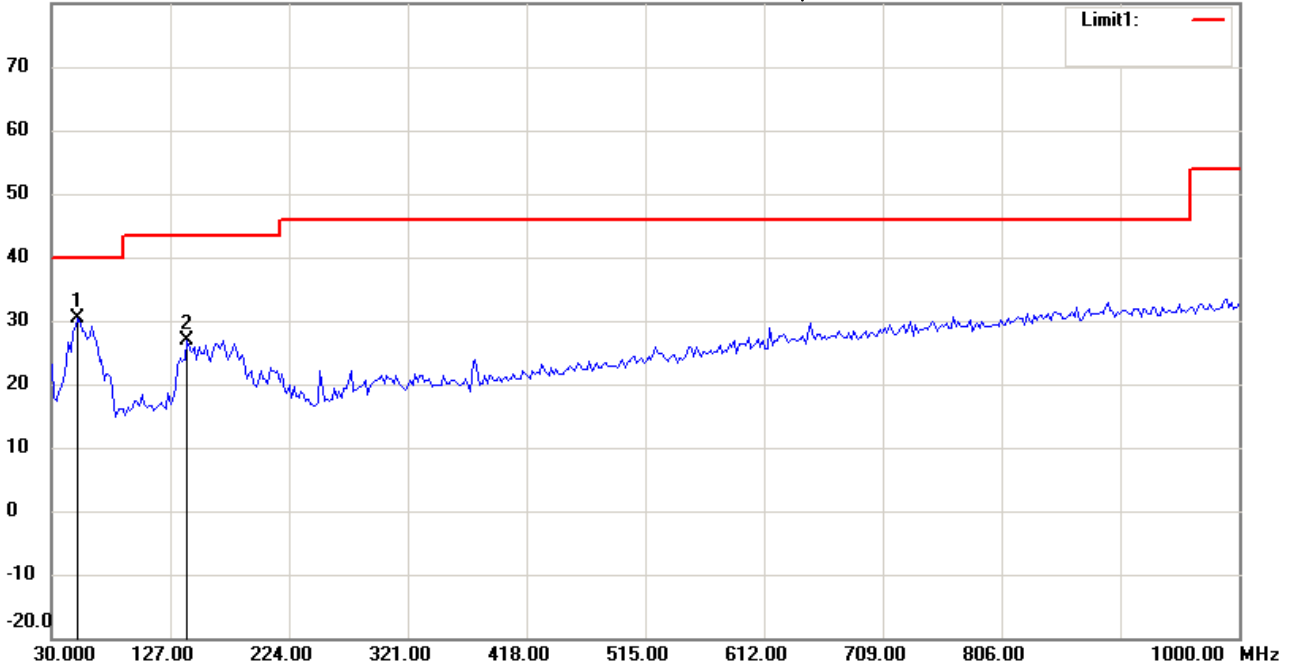
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:28:25

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3828	16.03	peak	14.41	30.44	40.00	100	25	-9.56	
	140.8015	11.53	peak	15.41	26.94	43.50	100	70	-16.56	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

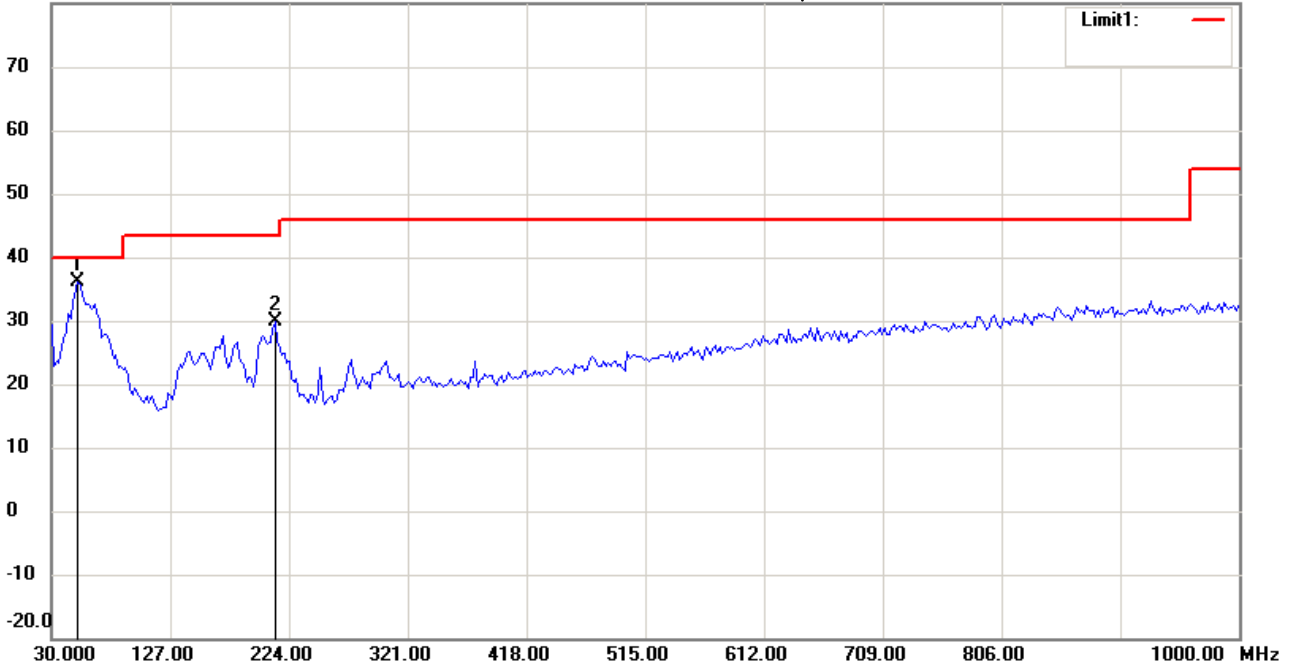
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:29:10

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3828	21.64	peak	14.41	36.05	40.00	100	155	-3.95	
	212.7255	16.62	peak	13.15	29.77	43.50	100	90	-13.73	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#1

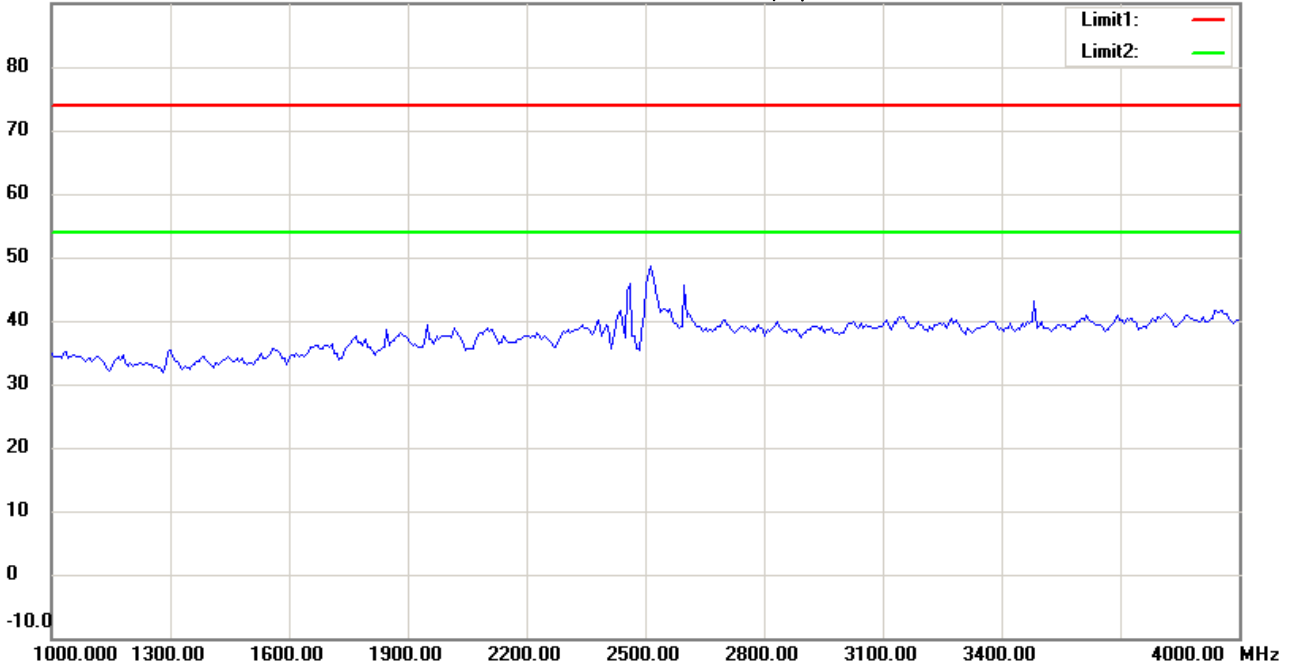
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:07:20

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Ken

File :3

Data :#6

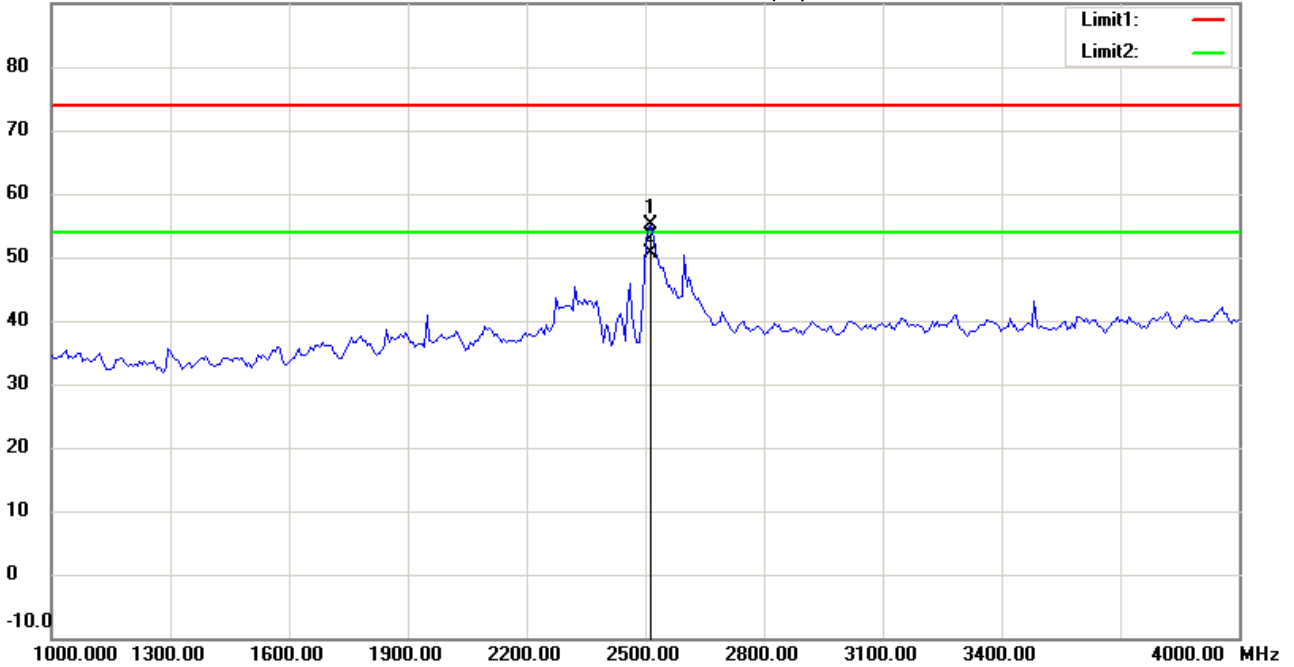
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:10:04

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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
	2509.759	59.77	peak	-4.54	55.23	74.00	100	57	-18.77	
*	2509.759	55.26	AVG	-4.54	50.72	54.00	100	57	-3.28	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#2

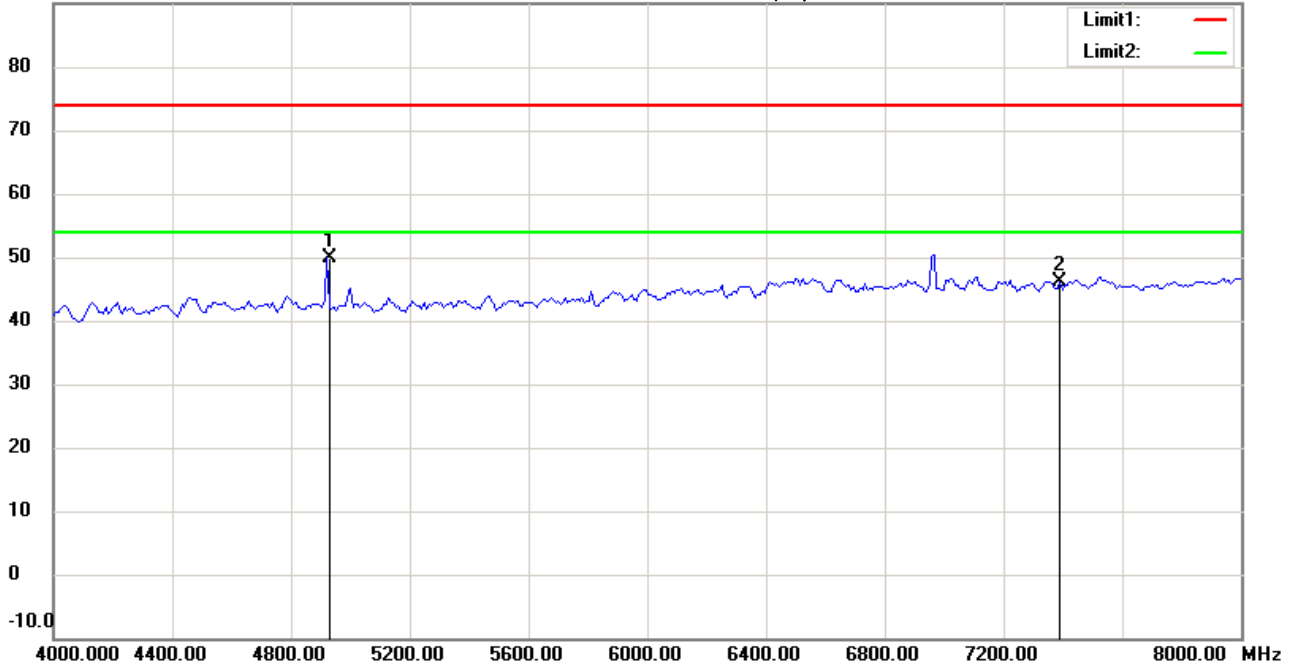
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:08:05

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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	49.14	peak	0.80	49.94	74.00	100	80	-24.06	
	7386.000	41.34	peak	4.71	46.05	74.00	100	160	-27.95	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#7

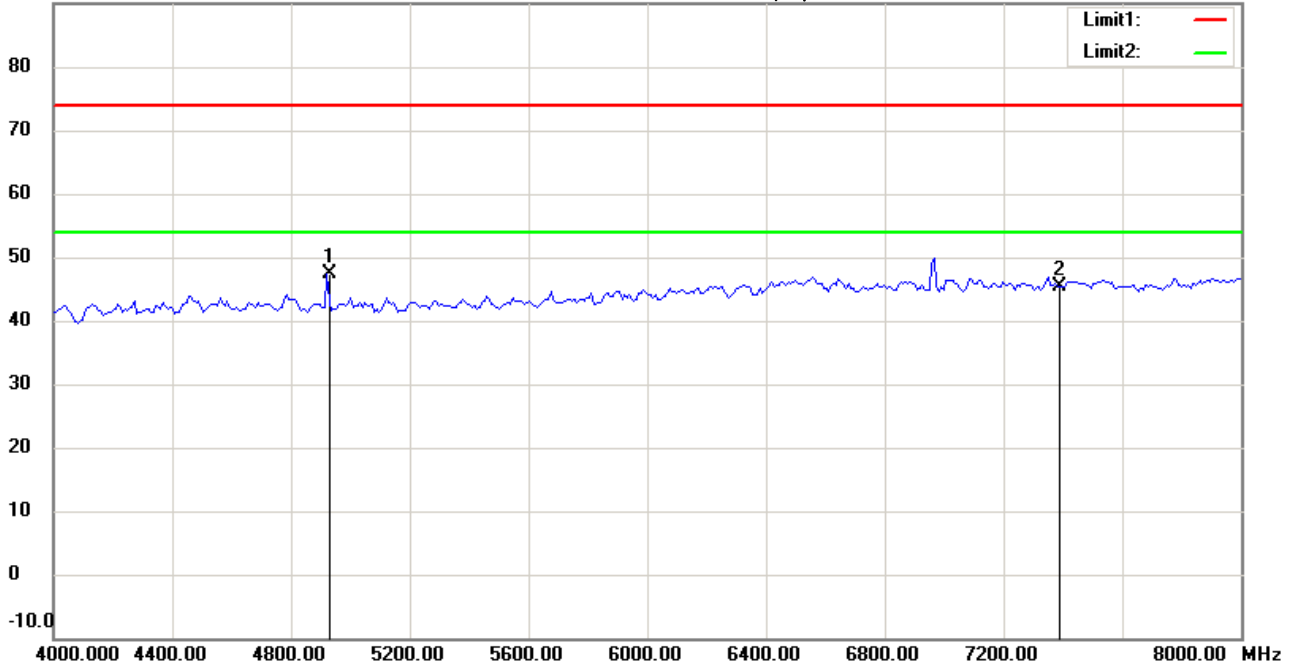
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:10:50

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4921.844	46.46	peak	0.80	47.26	74.00	100	95	-26.74	
	7386.000	40.76	peak	4.71	45.47	74.00	100	140	-28.53	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#3

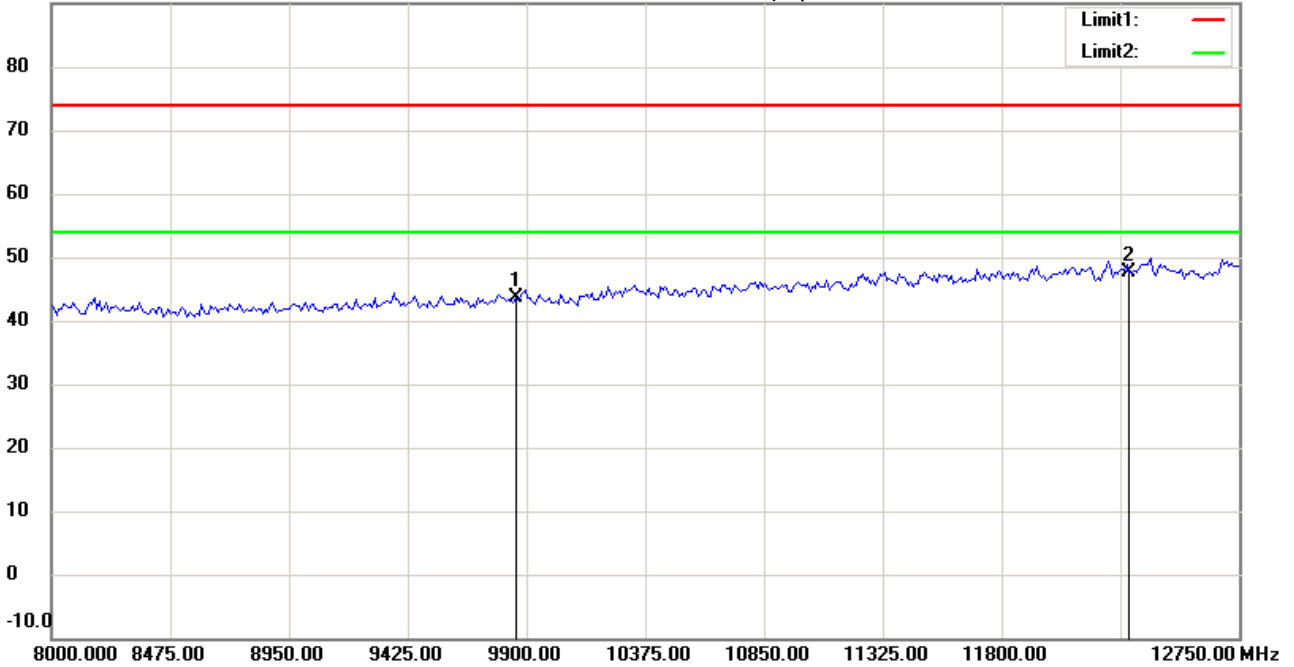
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:08:56

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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	35.59	peak	7.96	43.55	74.00	100	170	-30.45	
*	12310.000	33.95	peak	13.60	47.55	74.00	100	215	-26.45	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#8

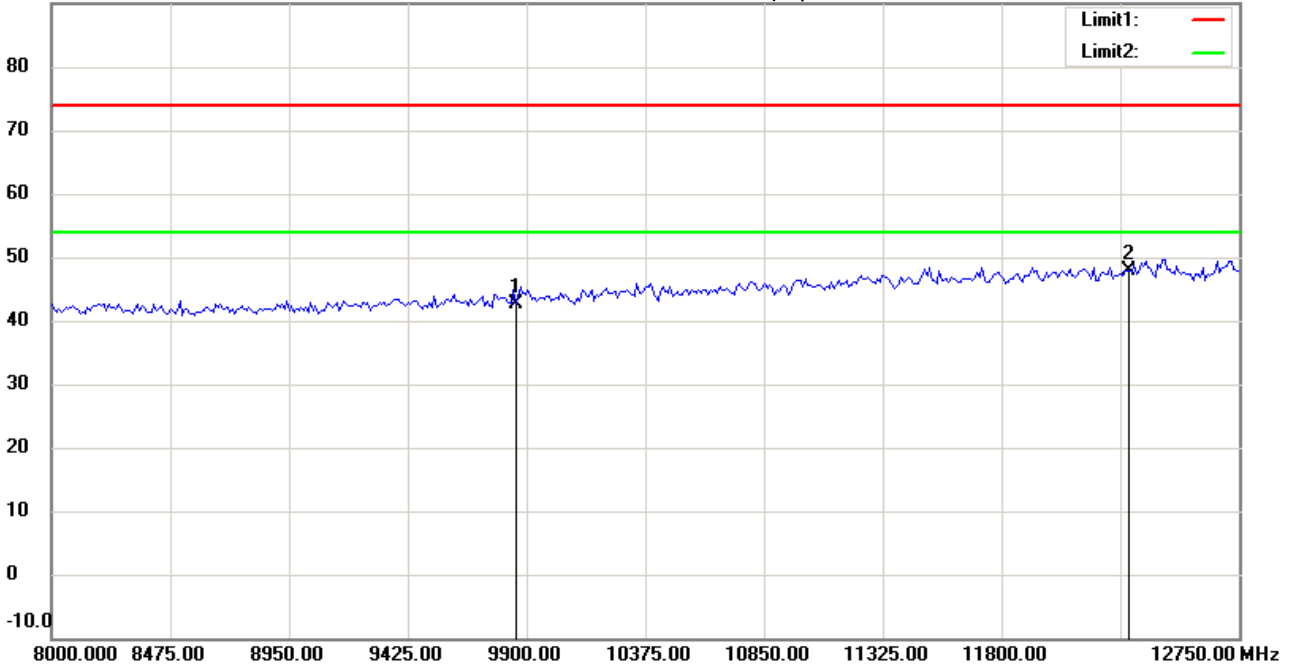
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:11:34

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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	34.64	peak	7.96	42.60	74.00	100	160	-31.40	
*	12310.000	34.17	peak	13.60	47.77	74.00	100	220	-26.23	





Radiated Emission Measurement

Operator: Ken

File :3

Data :#4

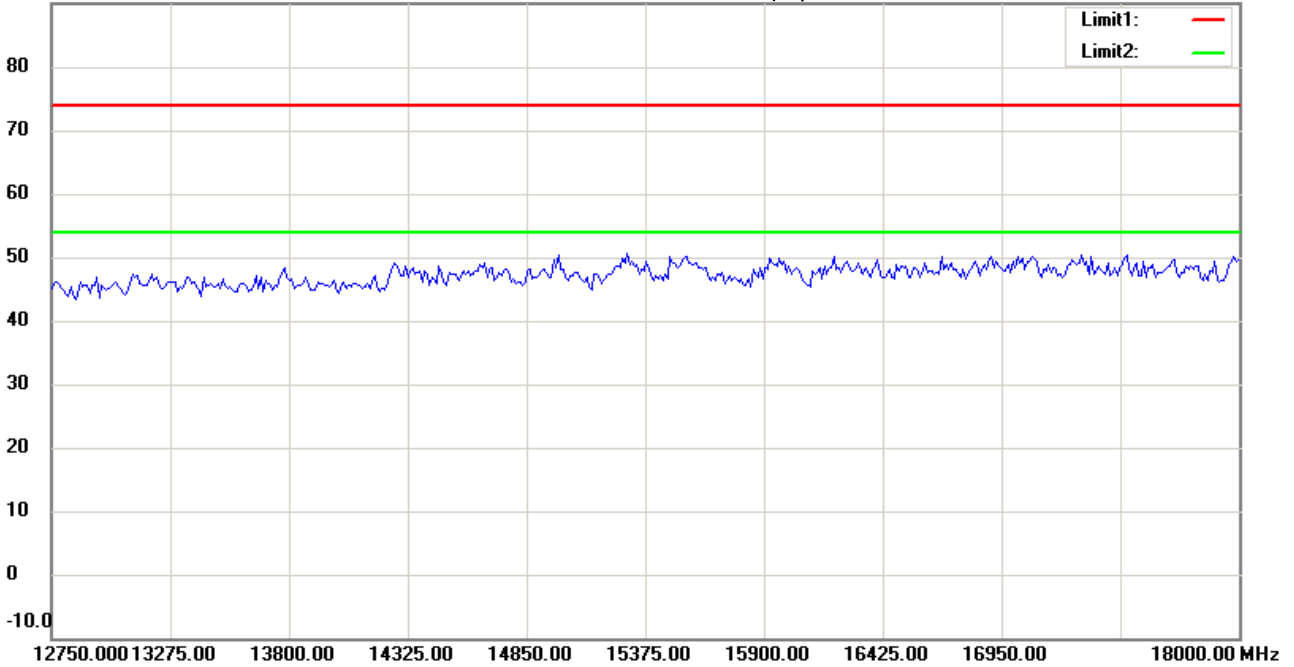
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:09:10

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

Note :

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

Operator: Ken

File :3

Data :#9

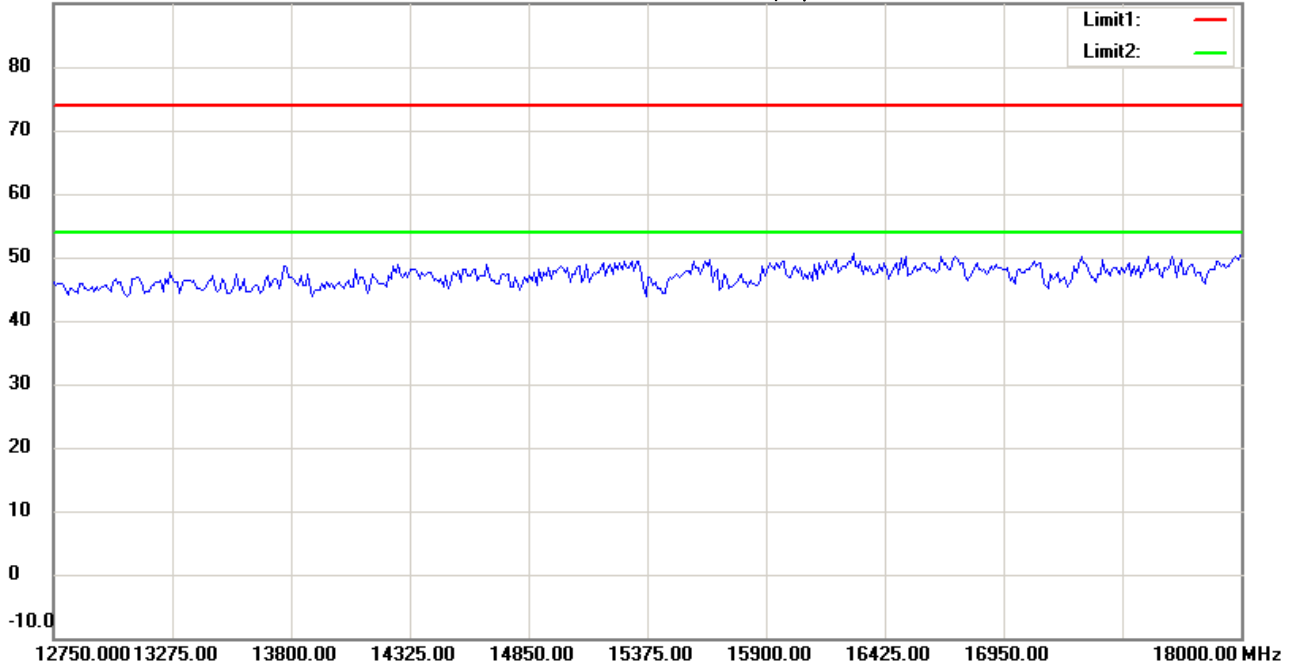
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:11:48

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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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Radiated Emission Measurement

Operator: Ken

File :3

Data :#5

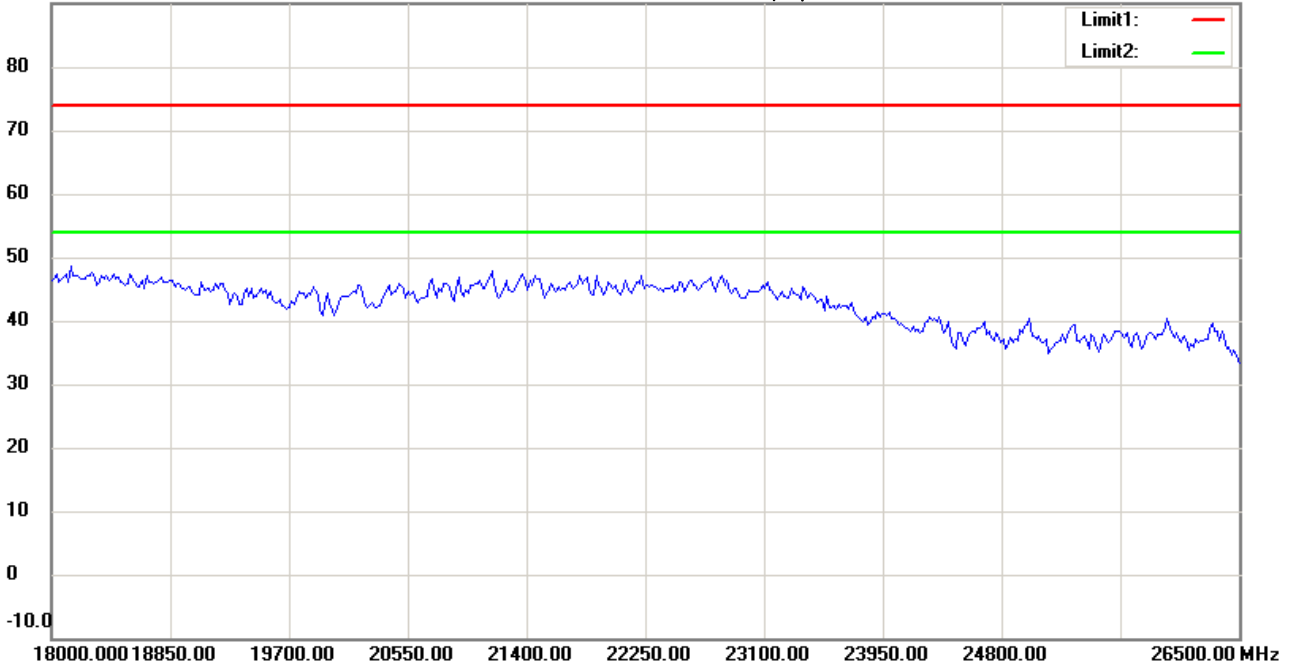
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:09:19

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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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Radiated Emission Measurement

Operator: Ken

File :3

Data :#10

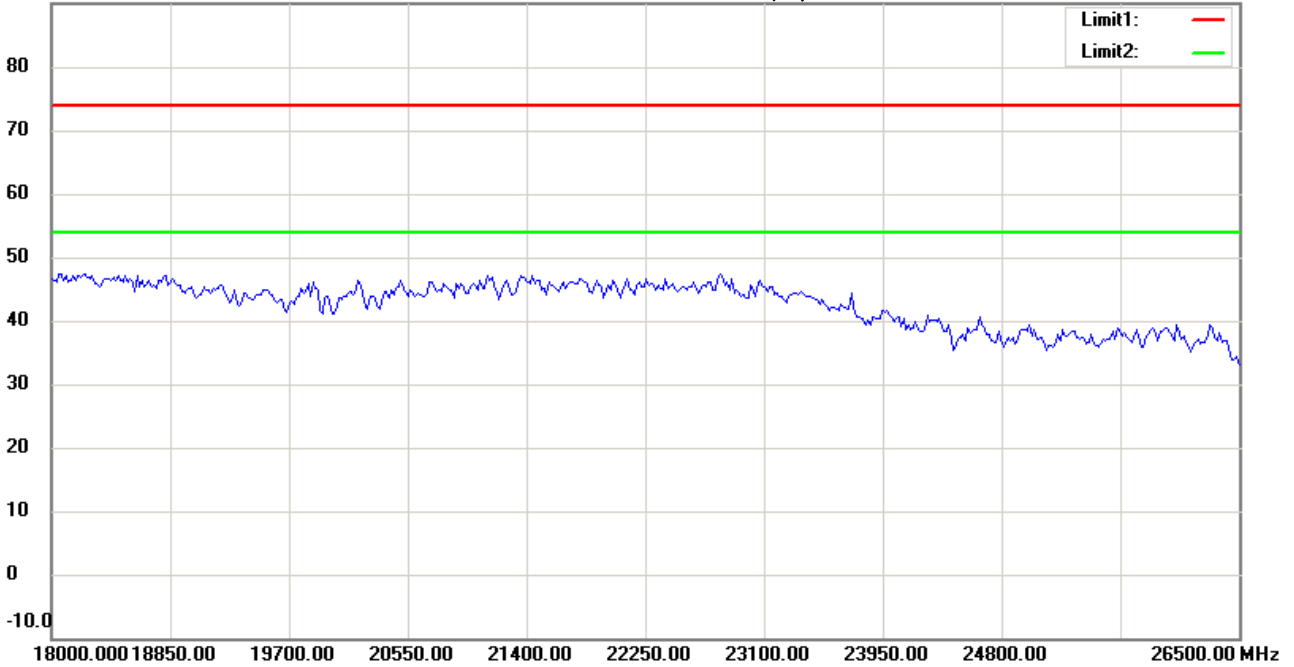
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 05:11:58

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

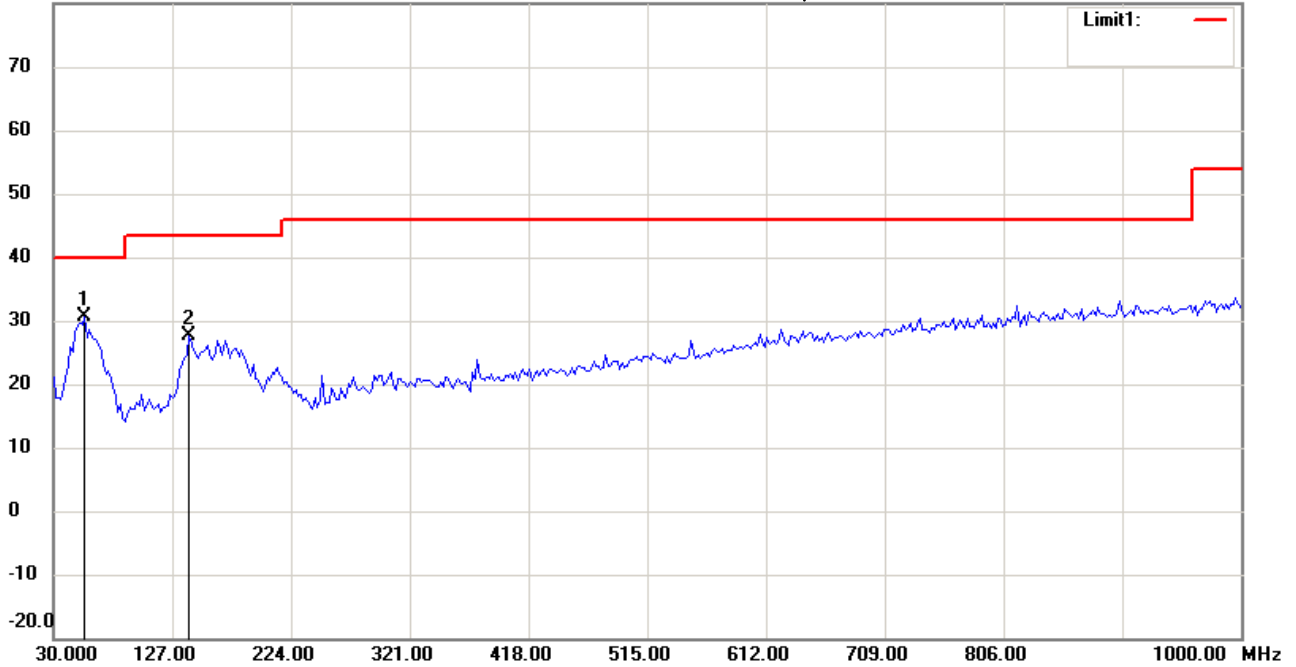
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:33:12

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	55.2704	16.75	peak	13.82	30.57	40.00	100	75	-9.43	
	140.8015	12.19	peak	15.41	27.60	43.50	100	160	-15.90	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

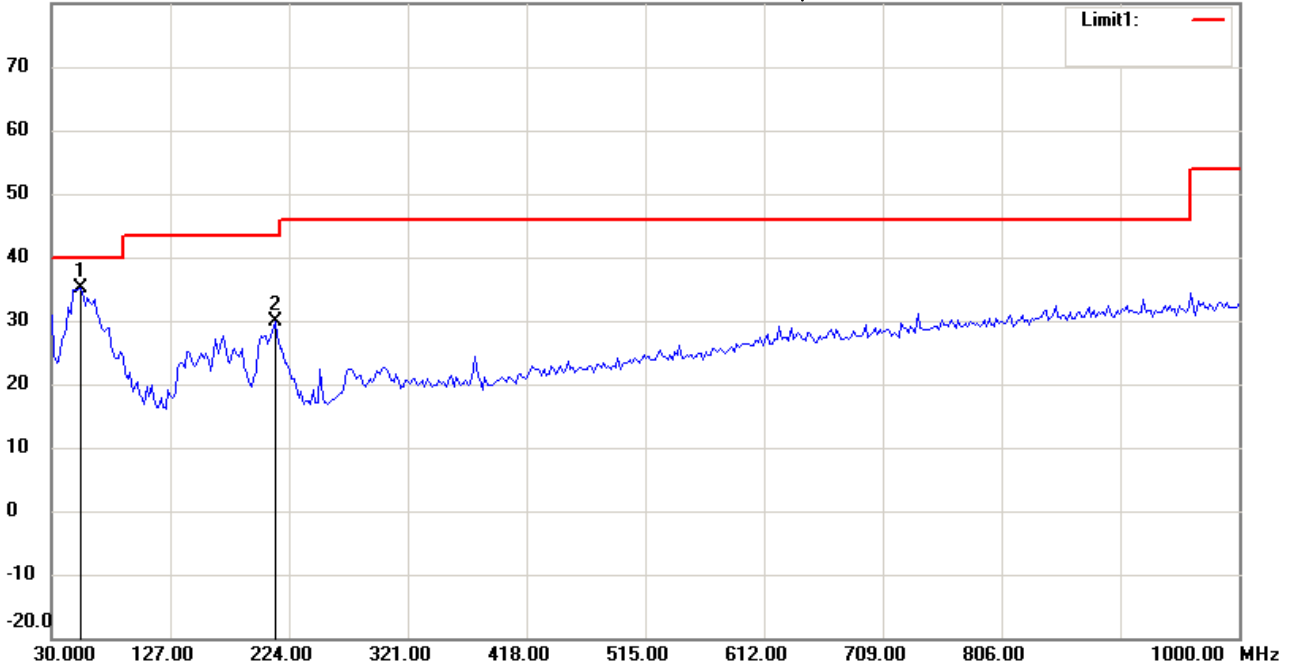
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:33:57

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	21.01	peak	14.12	35.13	40.00	100	105	-4.87	
	212.7255	16.80	peak	13.15	29.95	43.50	100	60	-13.55	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#1

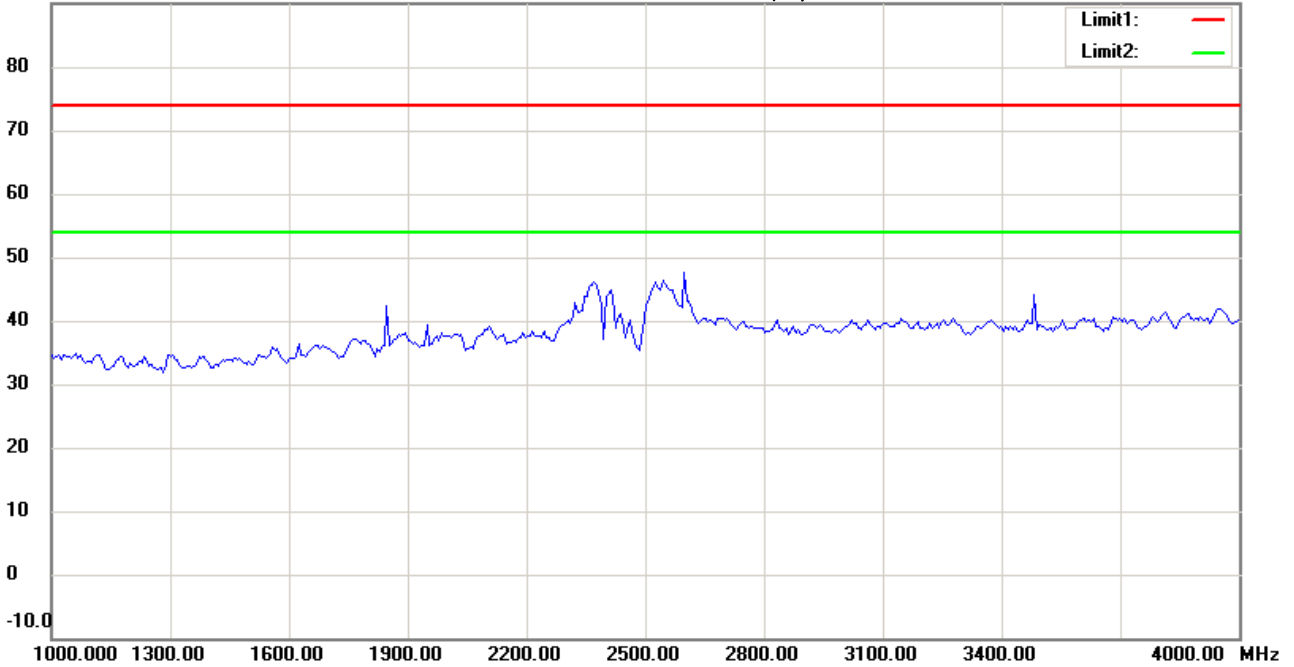
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:22:13

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

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

Operator: Ken

File :3

Data :#6

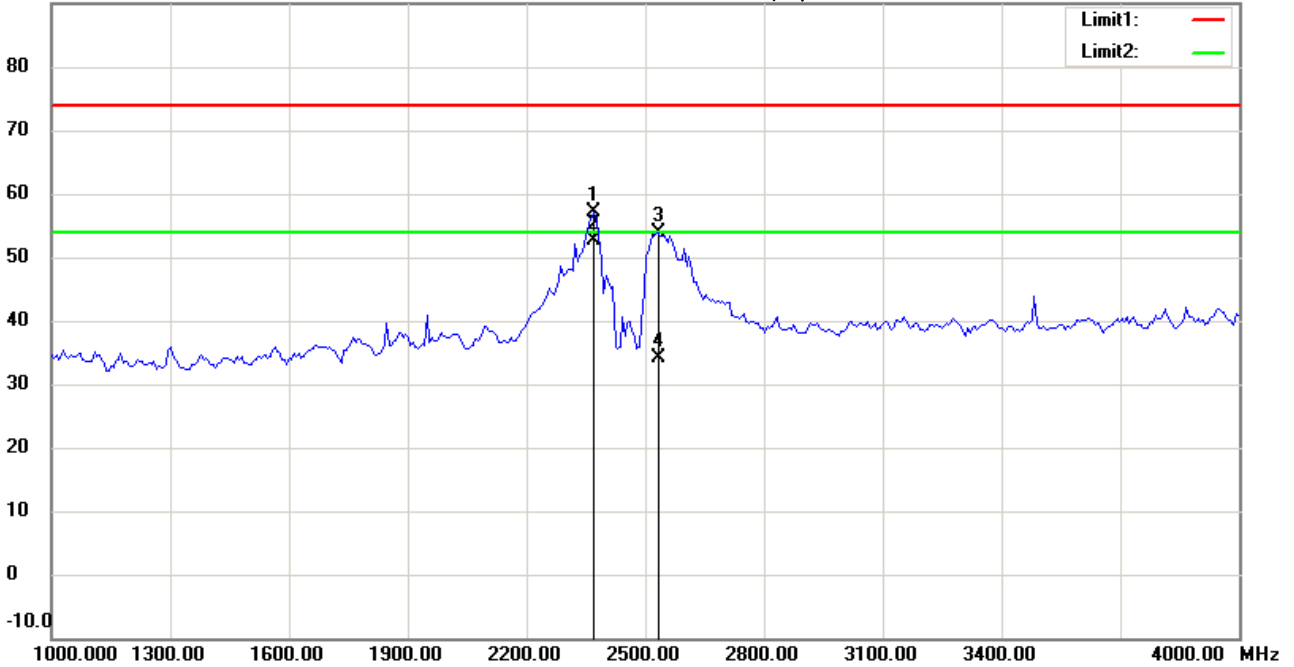
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:24:58

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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
	2369.479	61.88	peak	-4.85	57.03	74.00	100	55	-16.97	
*	2369.479	57.53	AVG	-4.85	52.68	54.00	100	55	-1.32	
	2531.162	58.22	peak	-4.46	53.76	74.00	100	165	-20.24	
	2531.162	38.54	AVG	-4.46	34.08	54.00	100	165	-19.92	





Radiated Emission Measurement

Operator: Ken

File :3

Data :#2

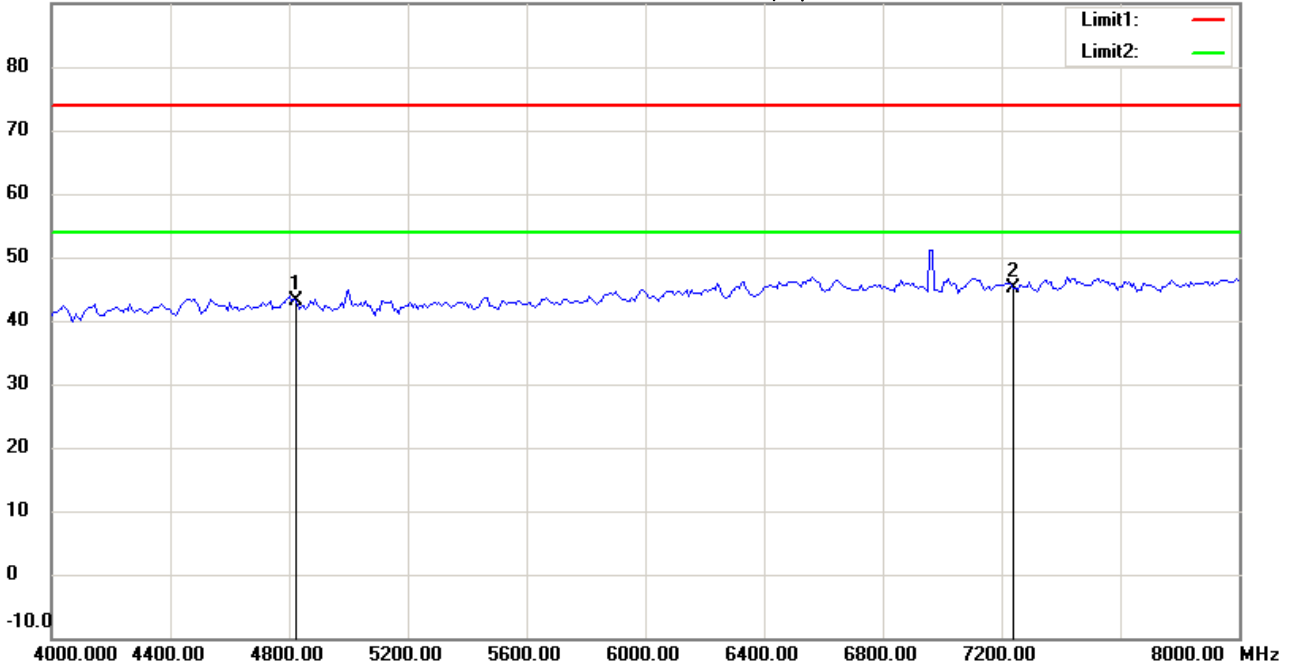
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:22:58

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	42.38	peak	0.68	43.06	74.00	100	90	-30.94	
*	7236.000	40.90	peak	4.30	45.20	74.00	100	140	-28.80	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#7

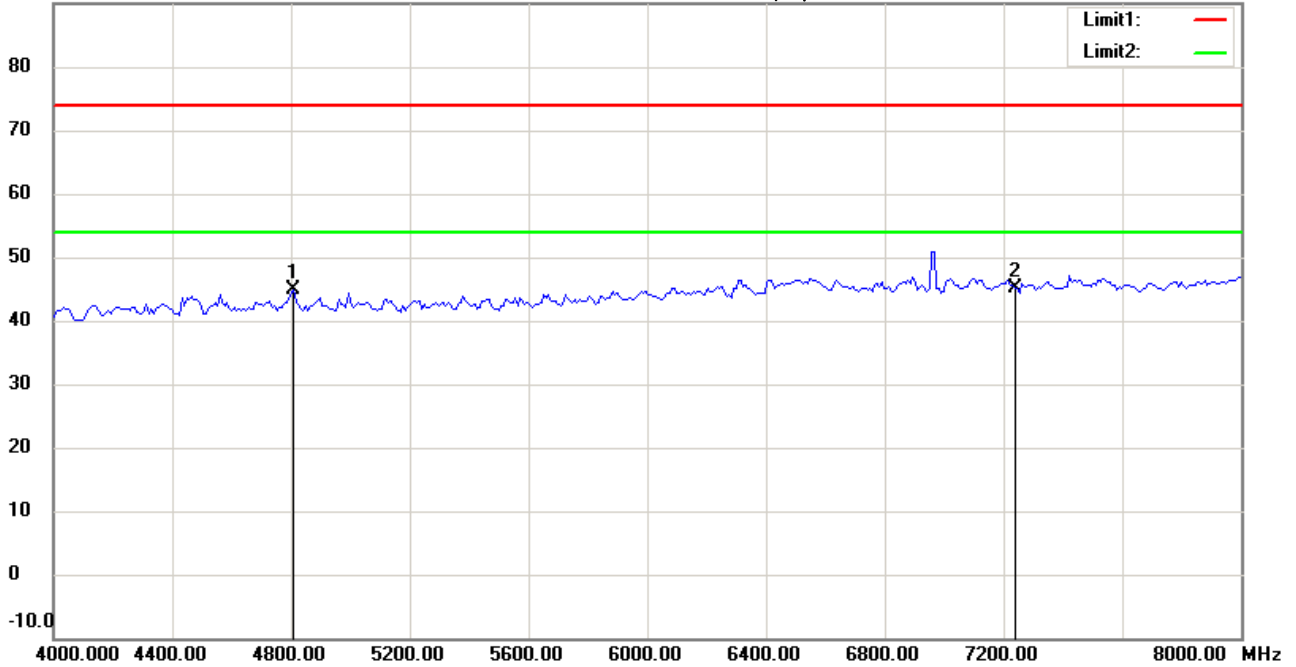
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:25:43

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4809.619	44.27	peak	0.67	44.94	74.00	100	65	-29.06	
*	7236.000	40.74	peak	4.30	45.04	74.00	100	150	-28.96	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#3

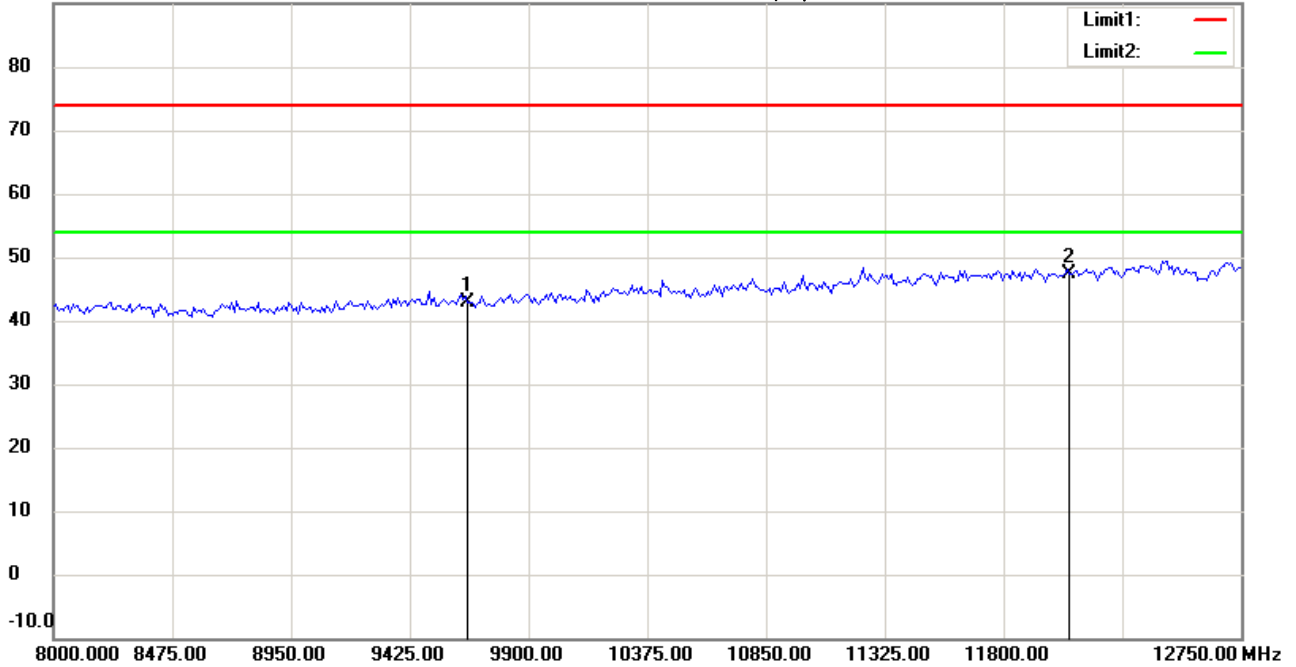
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:23:49

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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	35.54	peak	7.46	43.00	74.00	100	155	-31.00	
*	12060.000	34.06	peak	13.20	47.26	74.00	100	220	-26.74	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#8

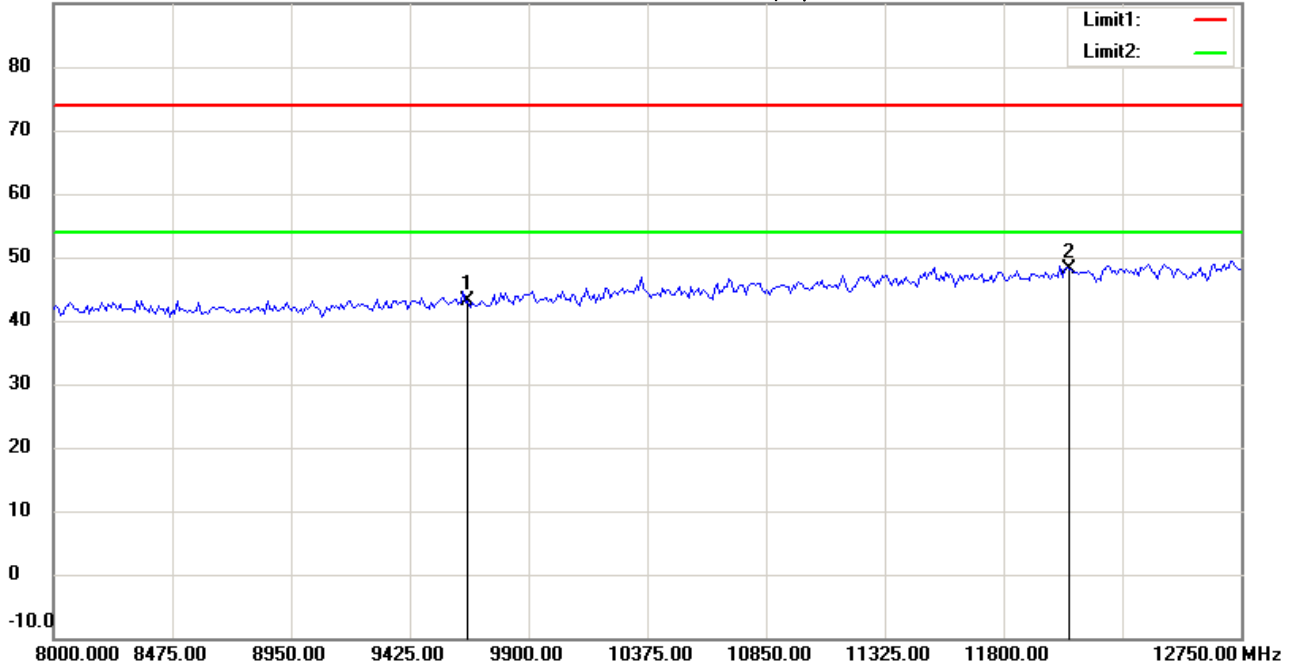
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:26:28

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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	35.70	peak	7.46	43.16	74.00	100	120	-30.84	
*	12060.000	34.93	peak	13.20	48.13	74.00	100	80	-25.87	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#4

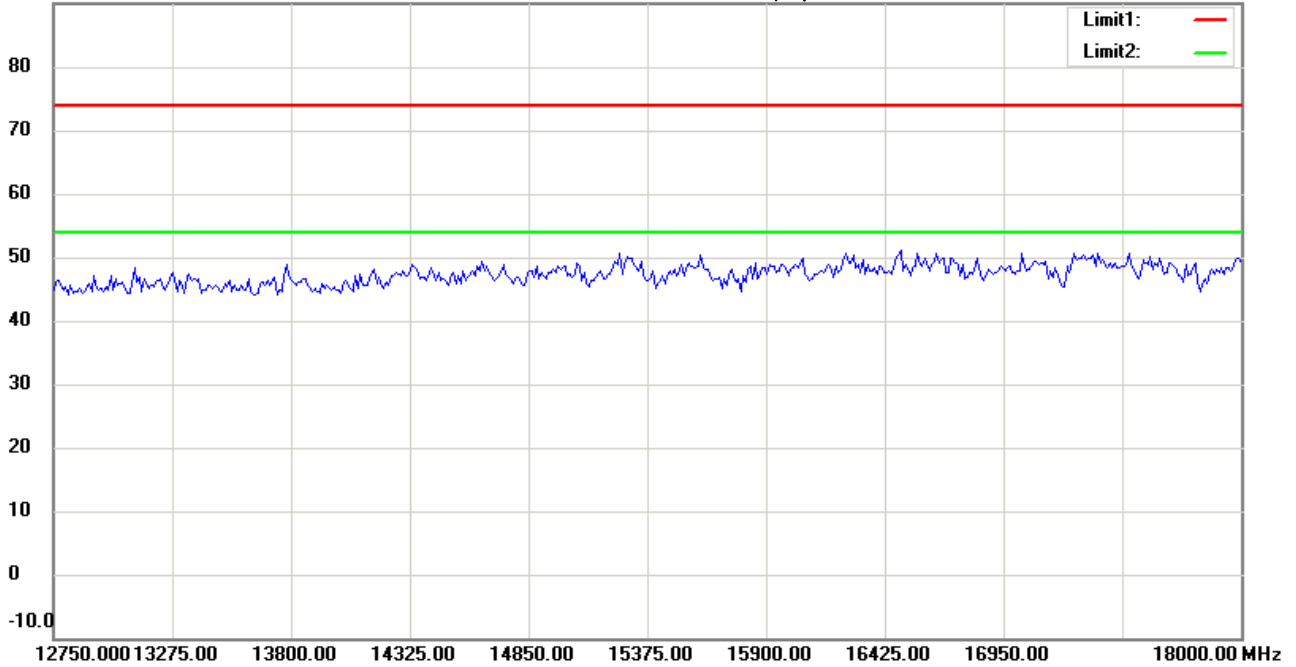
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:24:03

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Ken

File :3

Data :#9

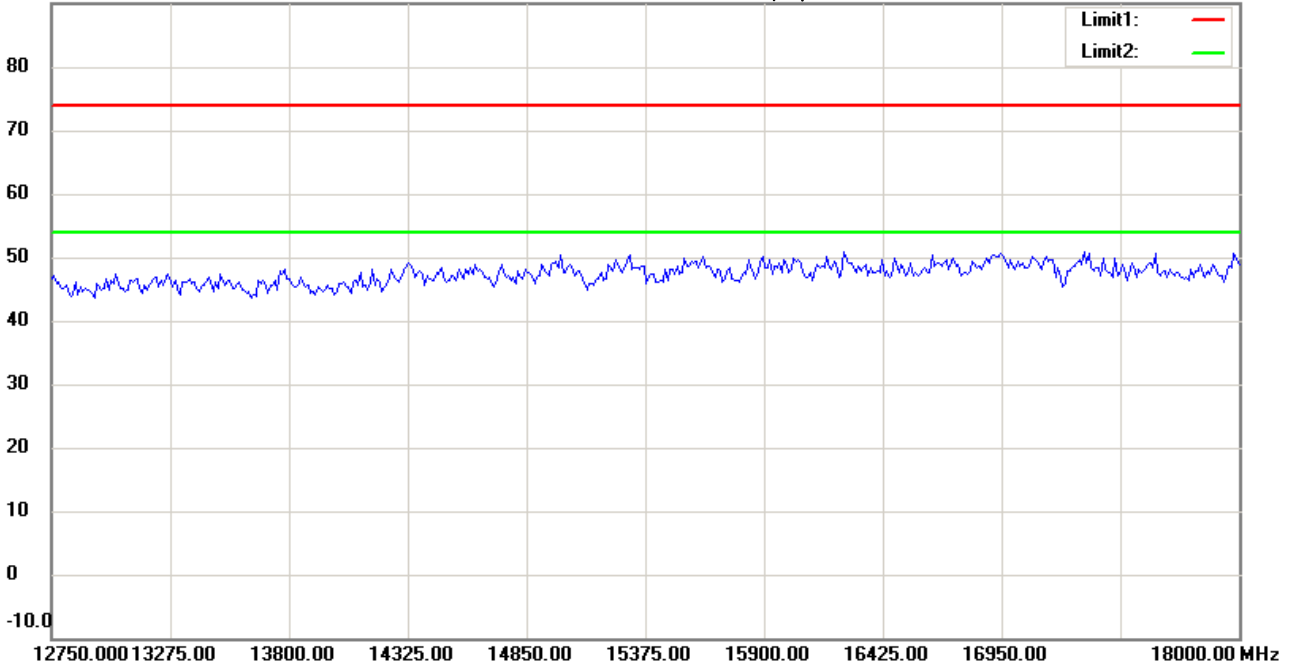
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:26:41

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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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Radiated Emission Measurement

Operator: Ken

File :3

Data :#5

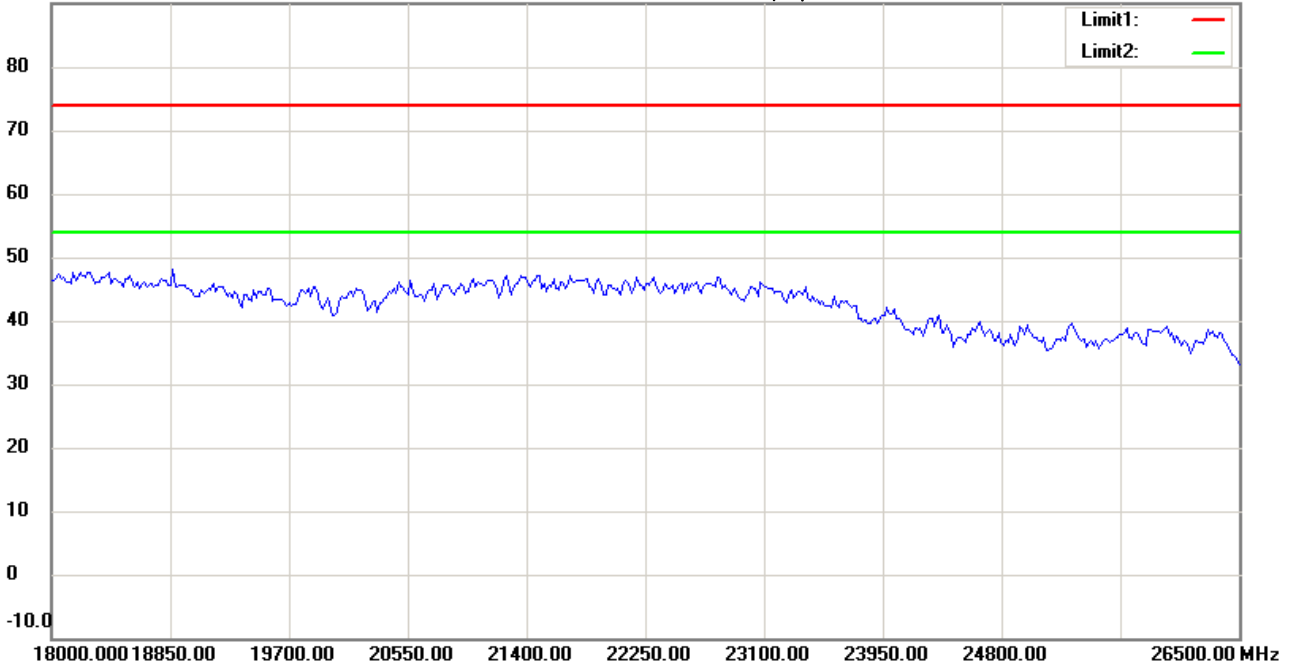
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:24:13

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Ken

File :3

Data :#10

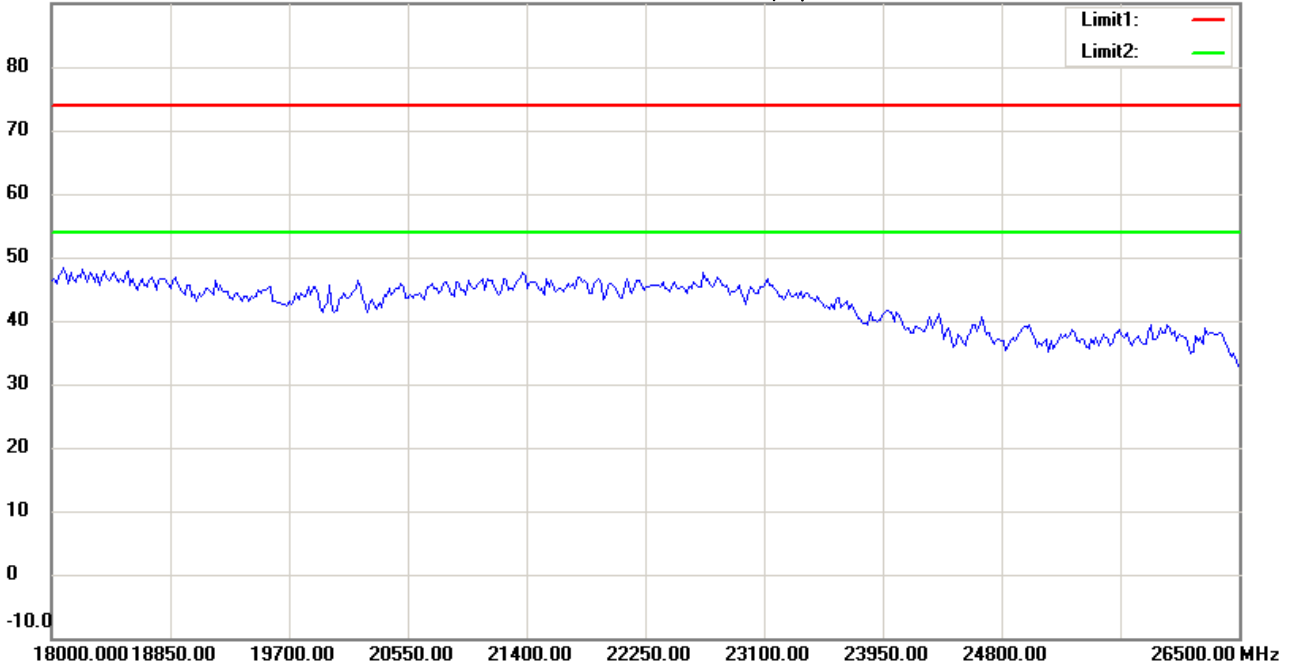
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:26:51

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

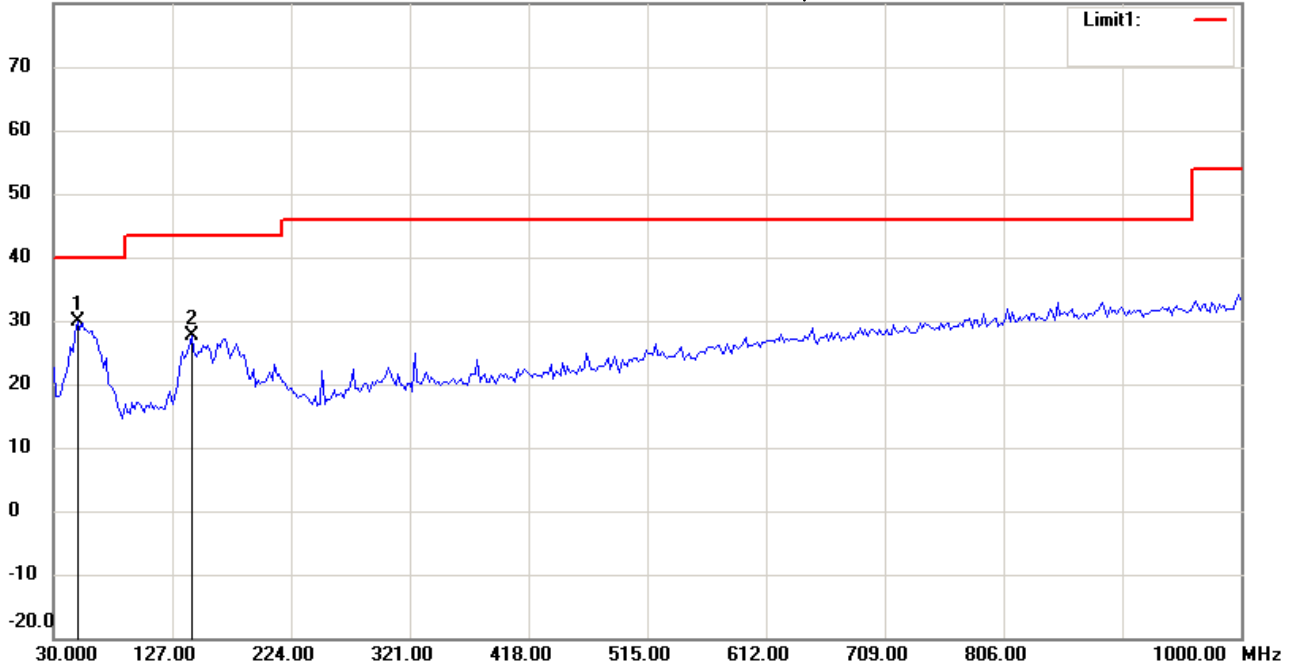
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:35:14

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	49.4388	15.34	peak	14.65	29.99	40.00	100	65	-10.01	
	142.7453	12.11	peak	15.43	27.54	43.50	100	90	-15.96	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

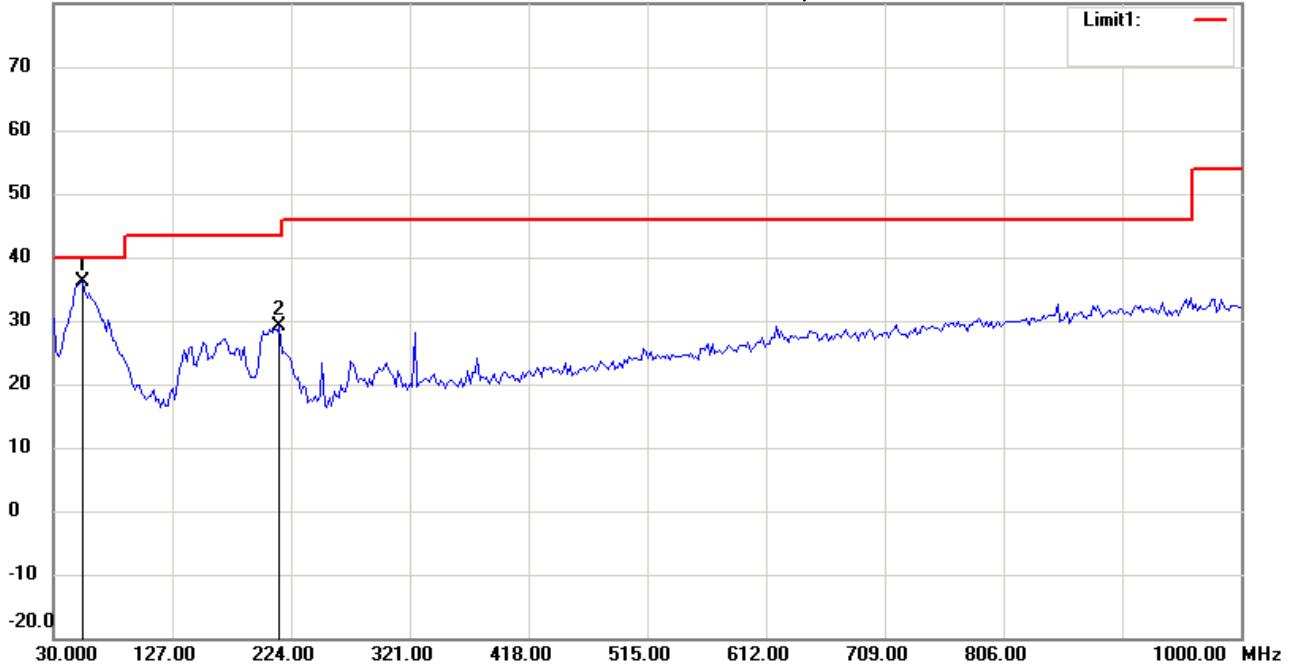
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:35:59

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	22.04	peak	14.12	36.16	40.00	100	145	-3.84	
	214.6693	15.72	peak	13.30	29.02	43.50	100	110	-14.48	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#1

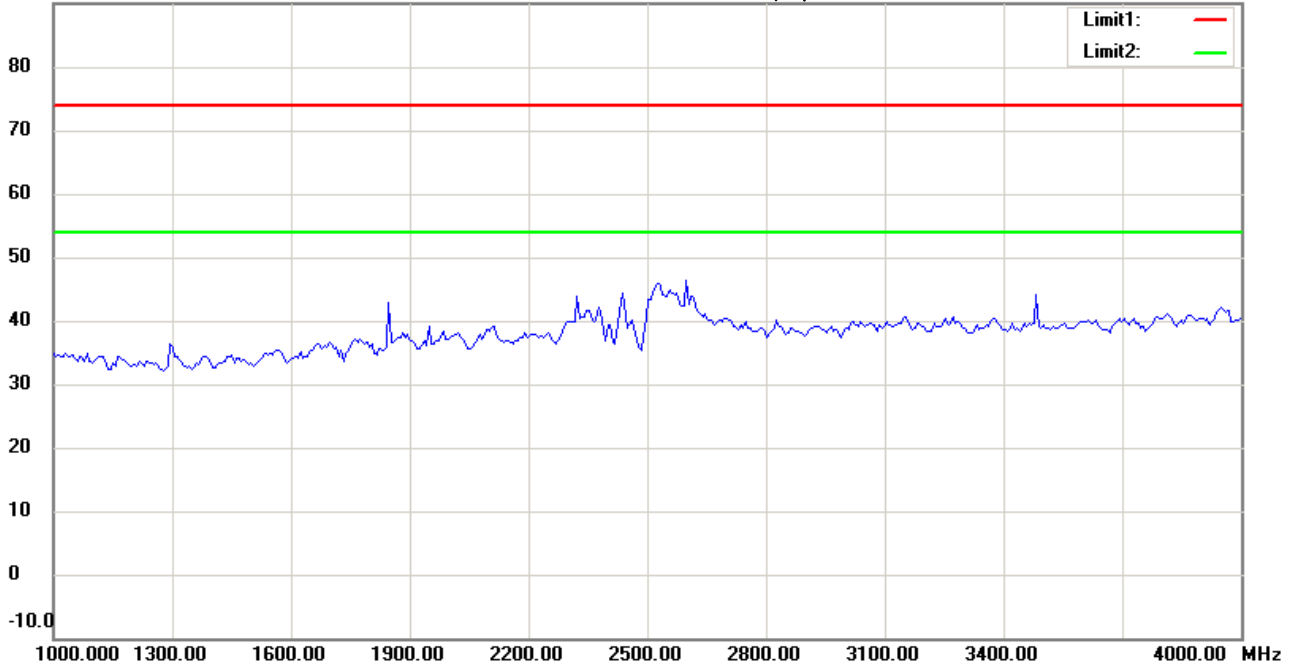
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:39:51

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Ken

File :3

Data :#6

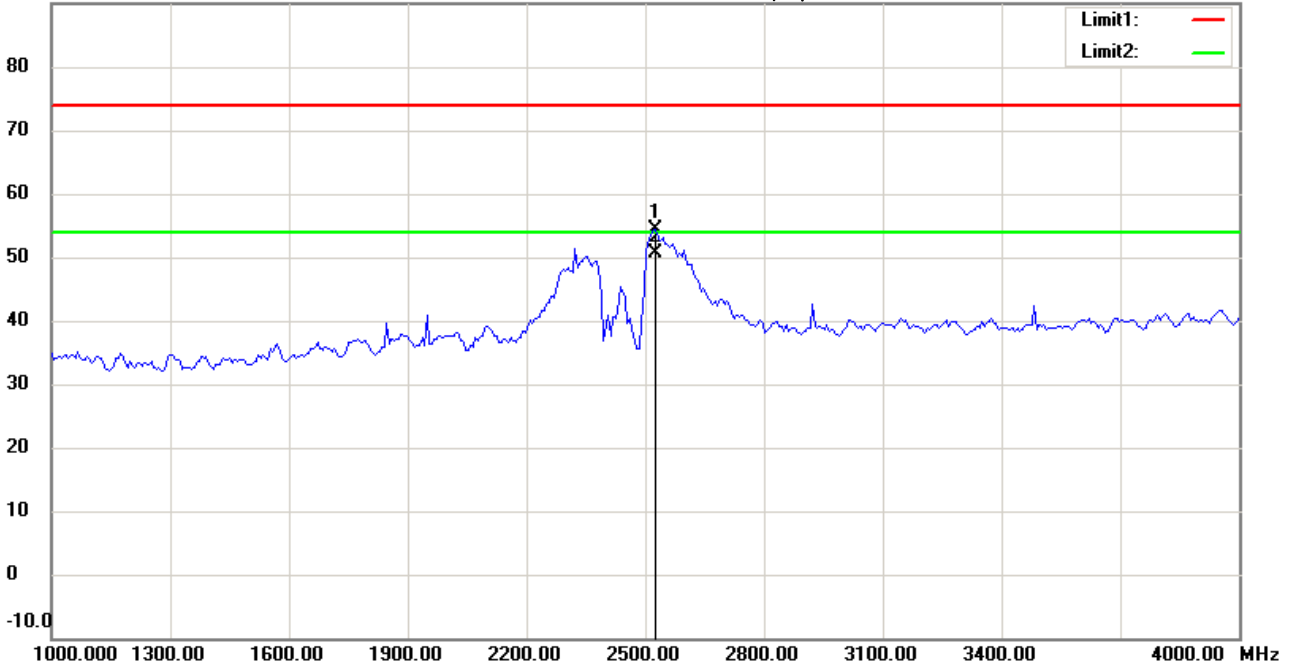
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:42:35

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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
	2524.709	58.98	peak	-4.49	54.49	74.00	100	55	-19.51	
*	2524.709	55.16	AVG	-4.49	50.67	54.00	100	55	-3.33	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#2

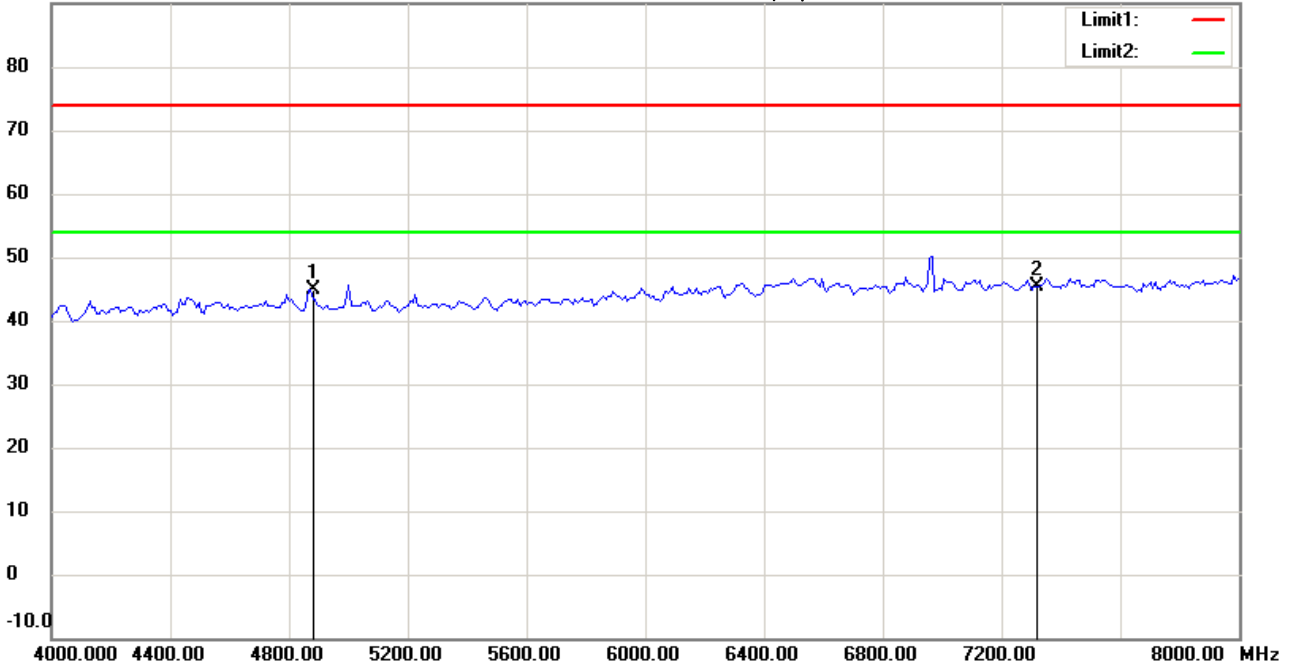
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:40:36

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4873.748	44.07	peak	0.73	44.80	74.00	100	60	-29.20	
*	7311.000	41.11	peak	4.39	45.50	74.00	100	85	-28.50	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#7

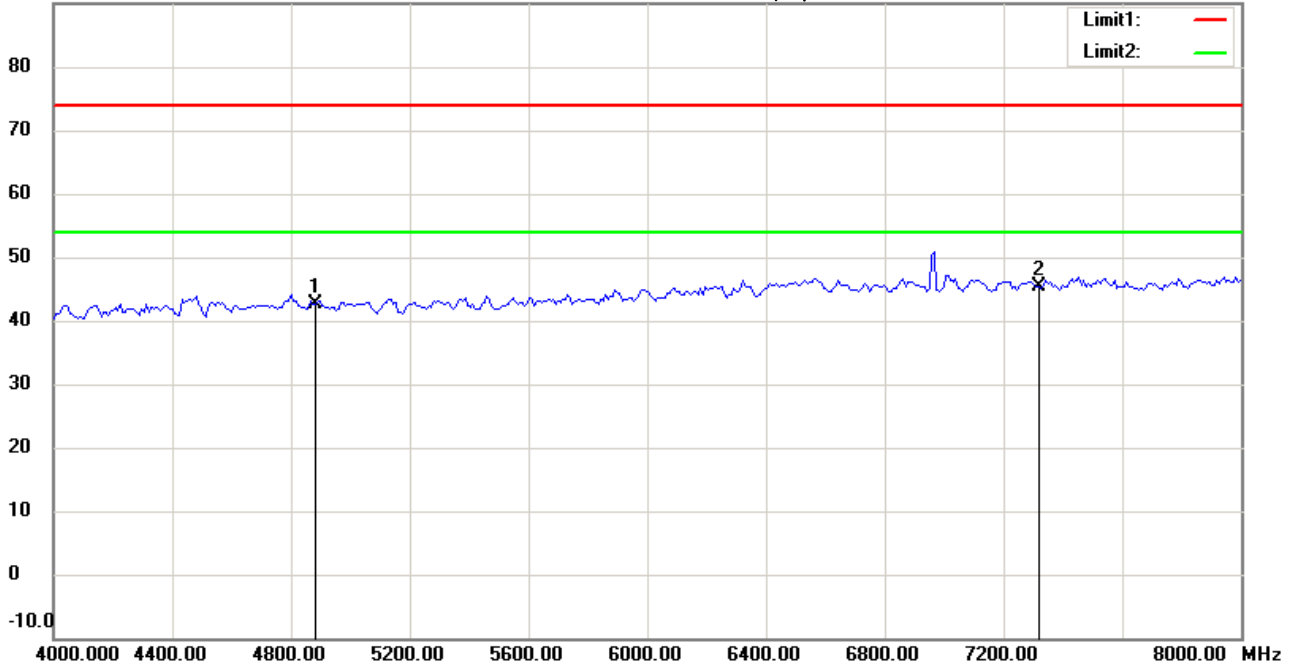
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:43:21

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	41.94	peak	0.73	42.67	74.00	100	125	-31.33	
*	7311.000	41.06	peak	4.39	45.45	74.00	100	160	-28.55	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#3

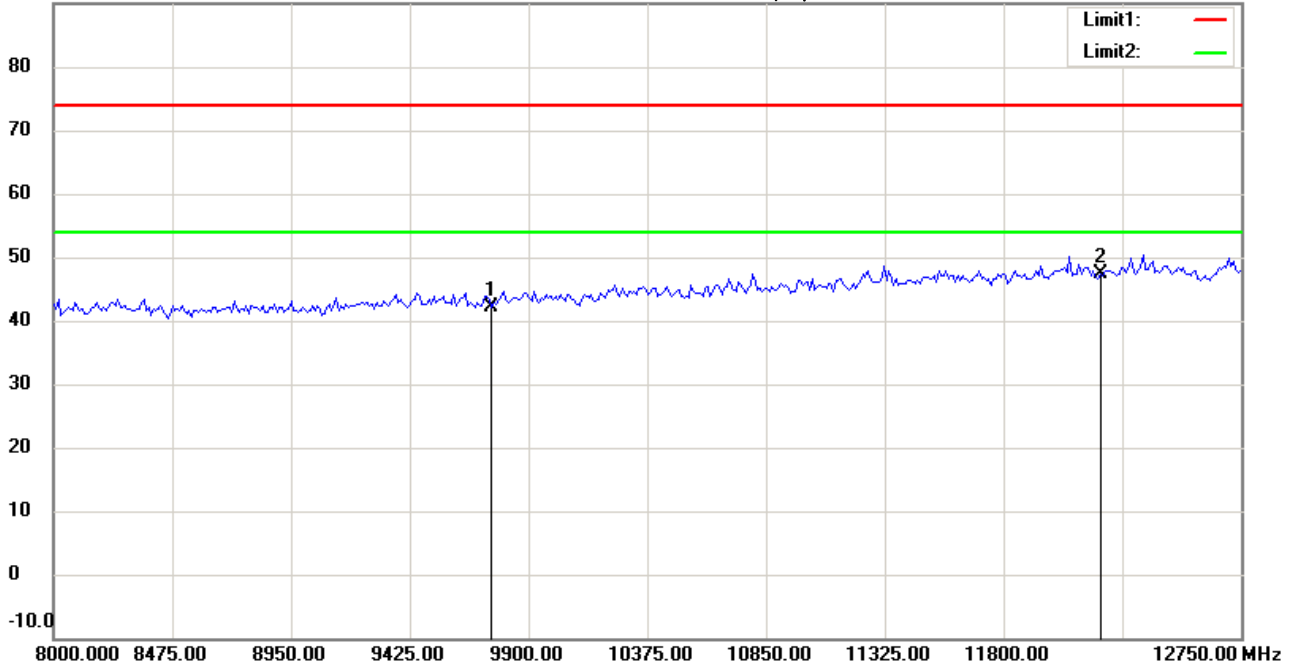
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:41:27

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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	34.57	peak	7.58	42.15	74.00	100	170	-31.85	
*	12185.000	33.67	peak	13.77	47.44	74.00	100	120	-26.56	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#8

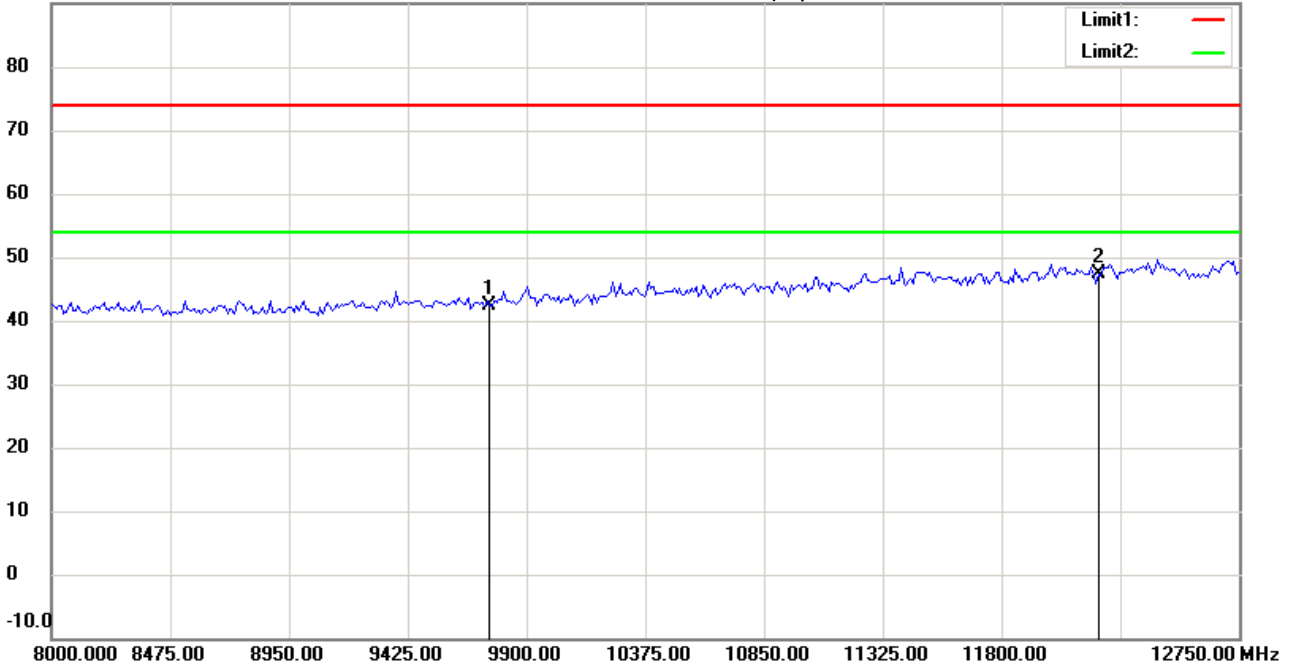
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:44:05

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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	34.71	peak	7.58	42.29	74.00	100	70	-31.71	
*	12185.000	33.53	peak	13.77	47.30	74.00	100	150	-26.70	





Radiated Emission Measurement

Operator: Ken

File :3

Data :#4

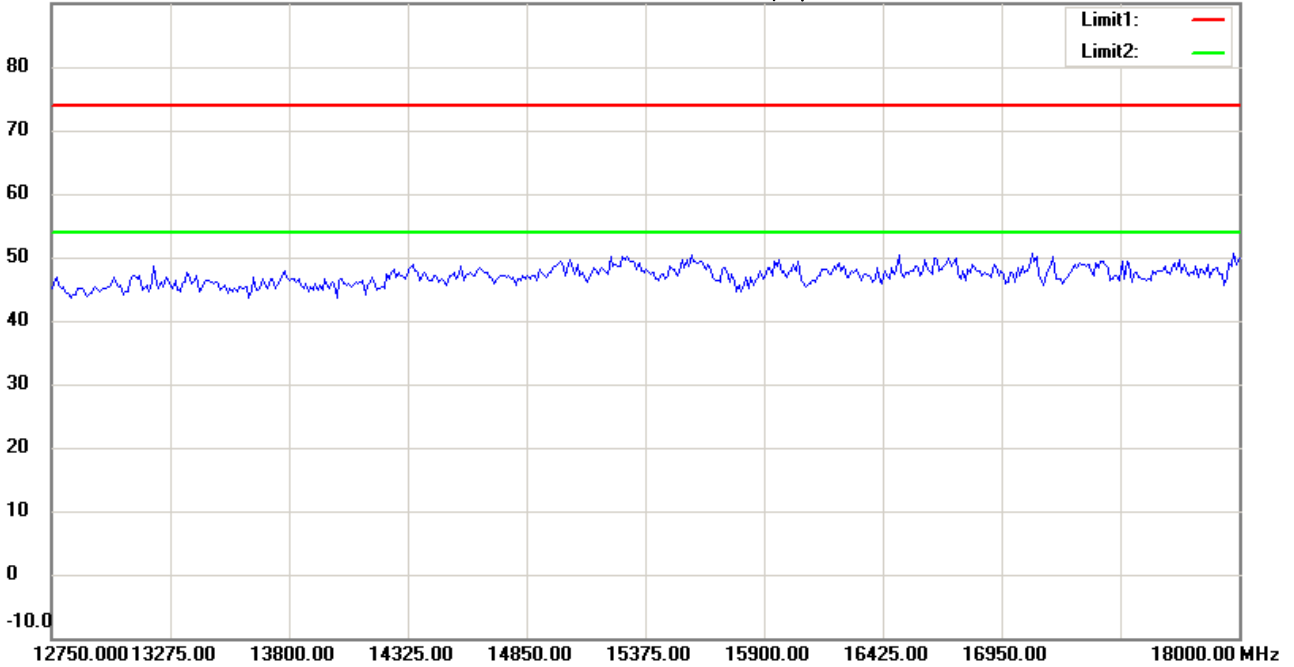
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:41:41

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

Note :

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

Operator: Ken

File :3

Data :#9

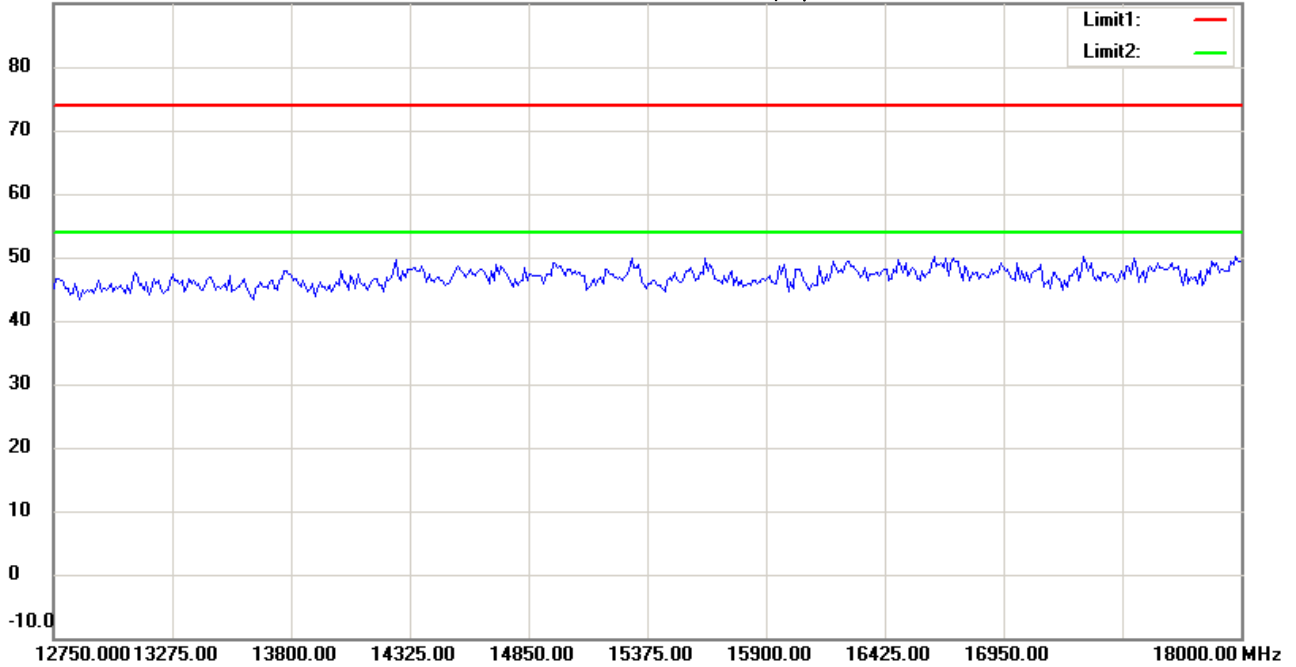
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:44:19

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

Note :

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

Operator: Ken

File :3

Data :#5

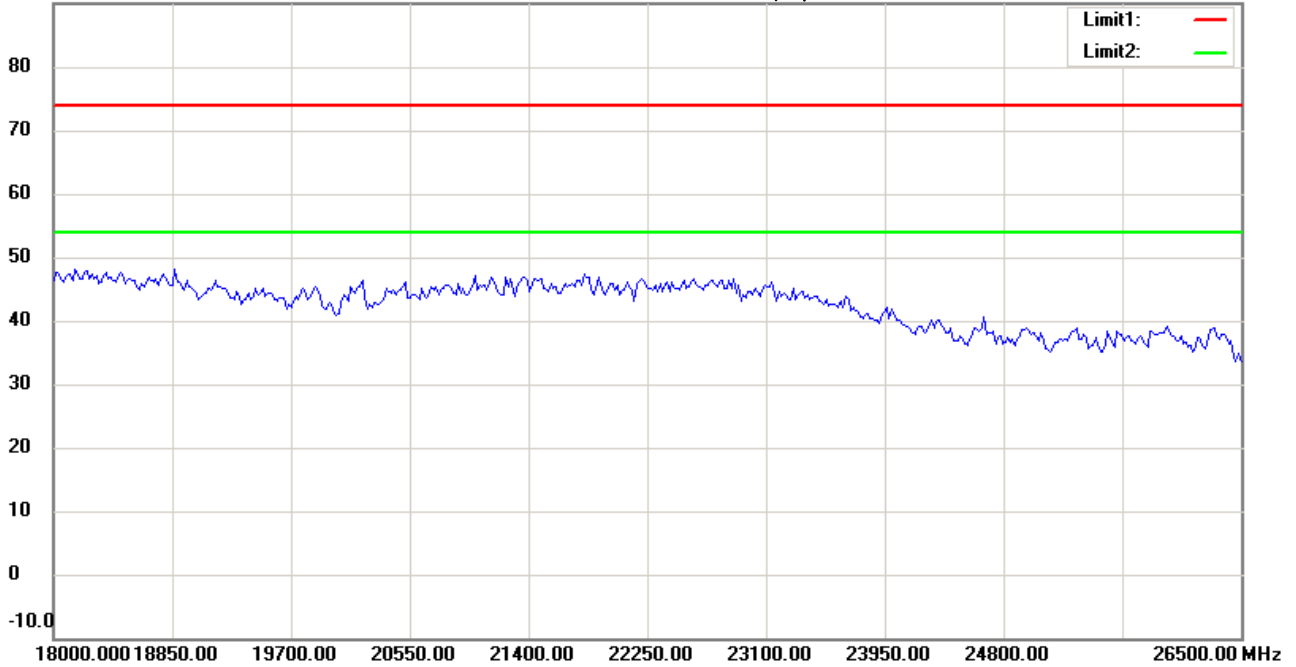
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:41:50

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Ken

File :3

Data :#10

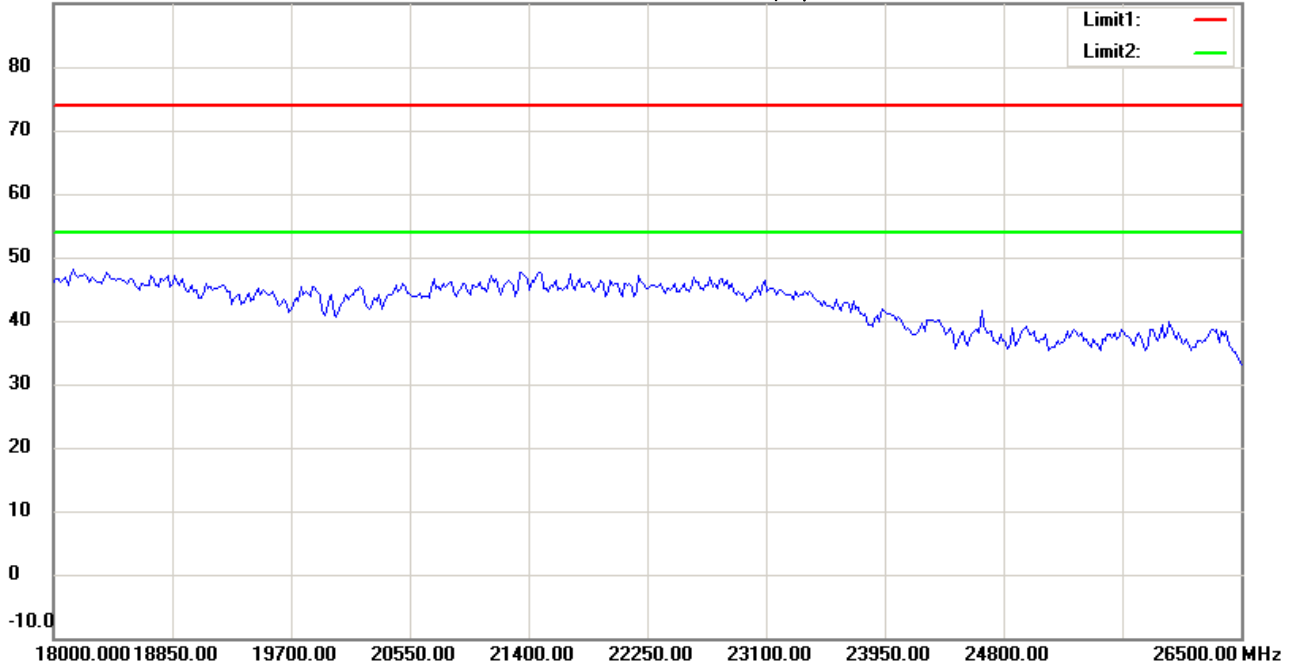
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:44:29

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

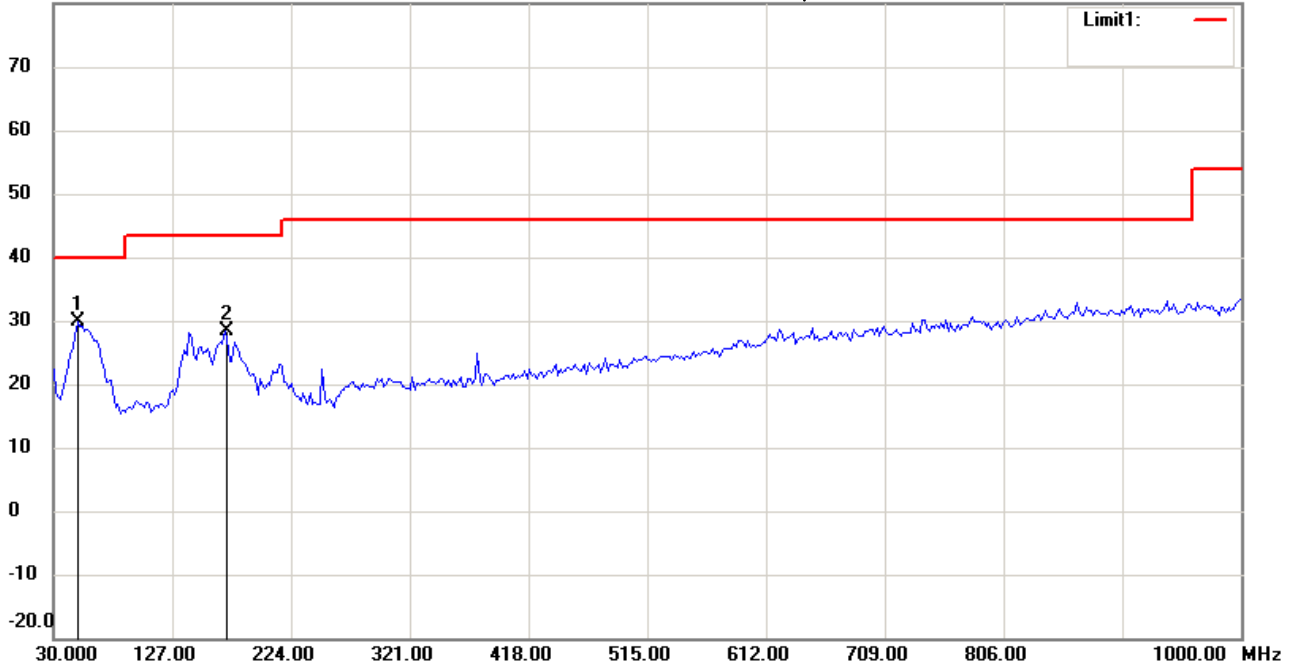
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:37:12

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	49.4388	15.17	peak	14.65	29.82	40.00	100	75	-10.18	
	169.9600	13.34	peak	15.09	28.43	43.50	100	110	-15.07	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

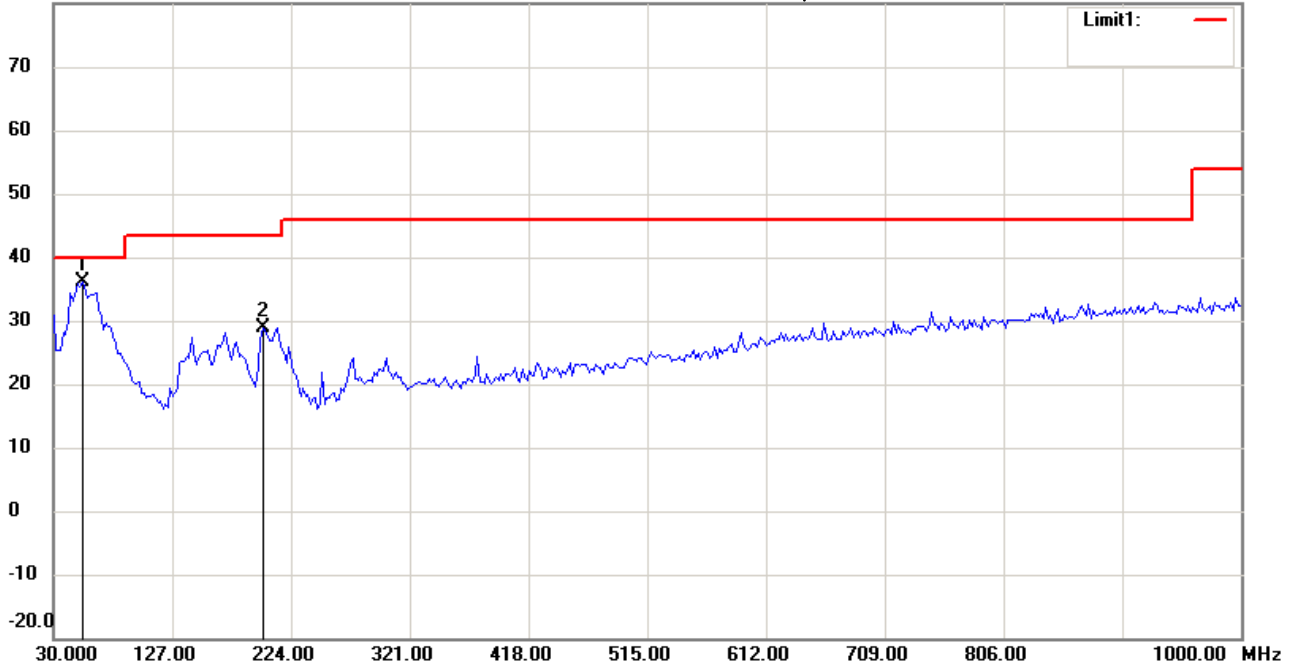
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:37:58

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	21.93	peak	14.12	36.05	40.00	100	60	-3.95	
	201.0621	16.71	peak	12.19	28.90	43.50	100	135	-14.60	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#1

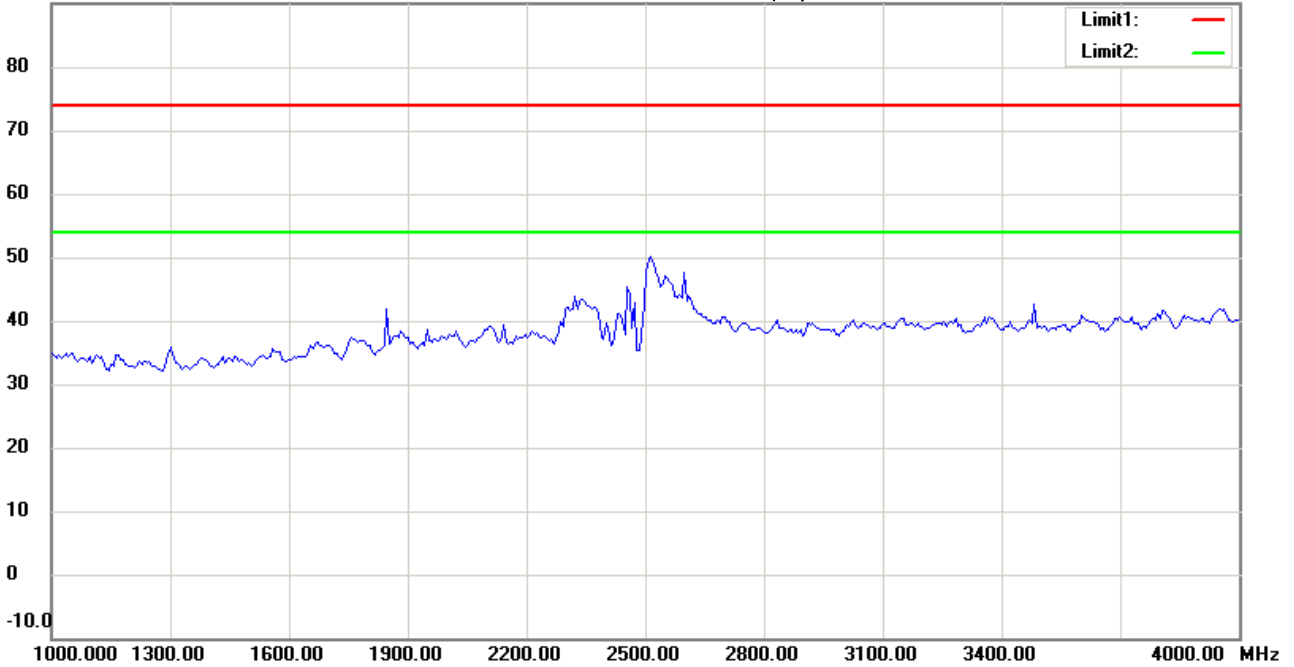
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:52:54

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Ken

File :3

Data :#6

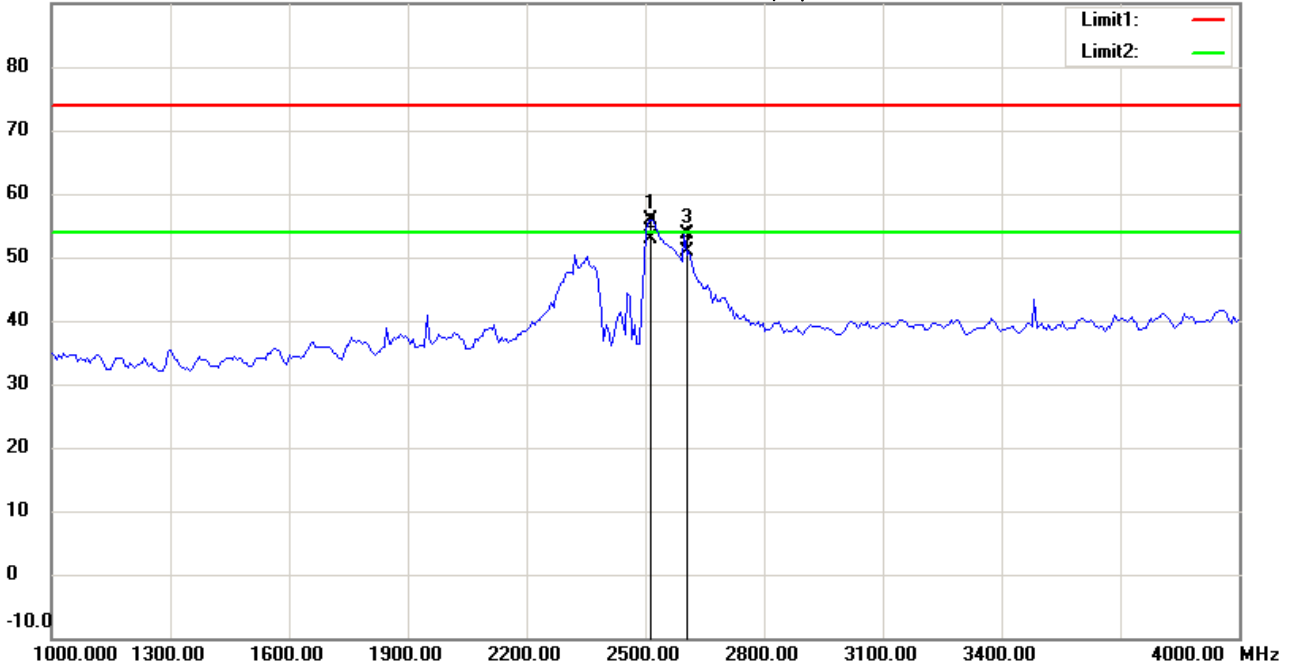
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:55:39

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2513.607	60.40	peak	-4.53	55.87	74.00	100	55	-18.13	
*	2513.607	57.37	AVG	-4.53	52.84	54.00	100	55	-1.16	
	2599.965	57.80	peak	-4.21	53.59	74.00	100	55	-20.41	
	2599.965	55.20	AVG	-4.21	50.99	54.00	100	55	-3.01	





Radiated Emission Measurement

Operator: Ken

File :3

Data :#2

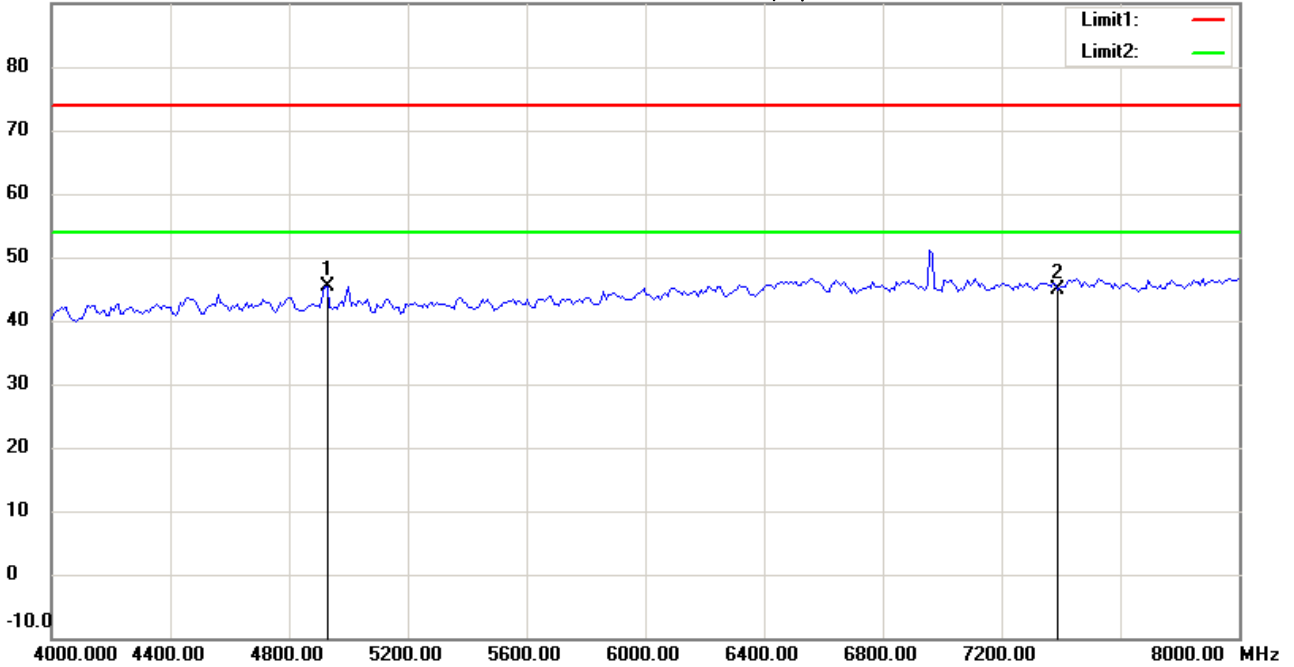
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:53:39

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4921.844	44.58	peak	0.80	45.38	74.00	100	65	-28.62	
	7386.000	40.23	peak	4.71	44.94	74.00	100	175	-29.06	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#7

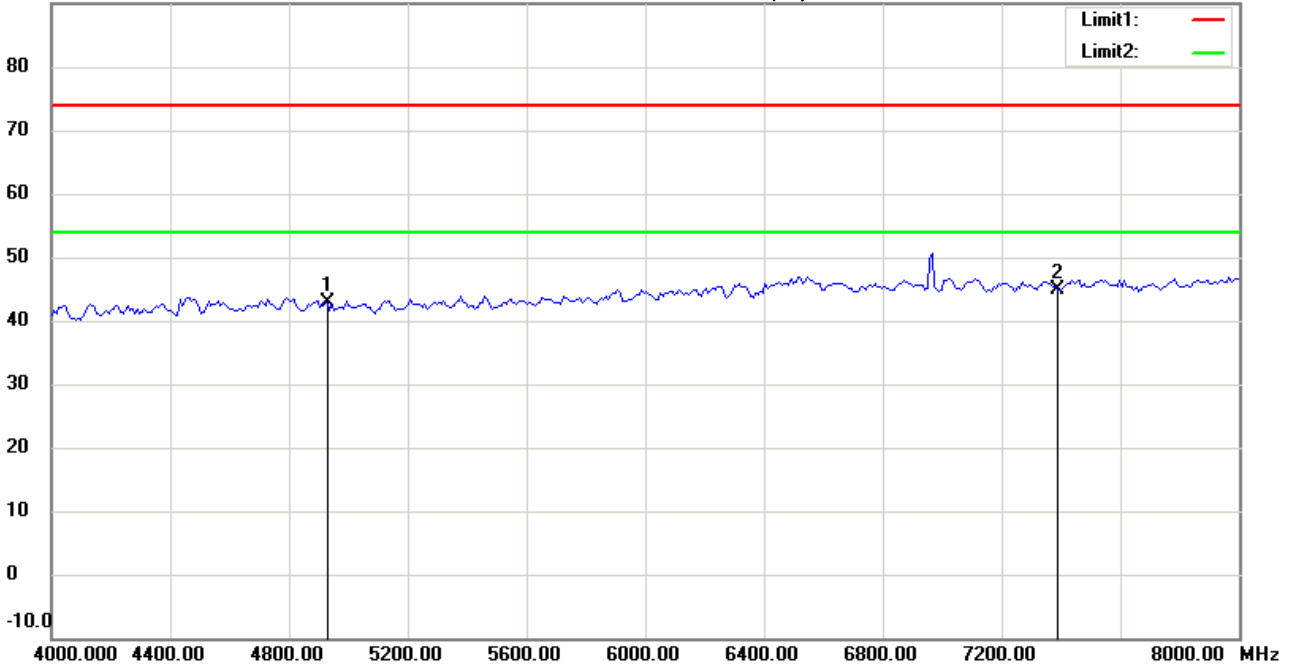
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:56:24

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	42.01	peak	0.81	42.82	74.00	100	135	-31.18	
*	7386.000	40.15	peak	4.71	44.86	74.00	100	185	-29.14	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#3

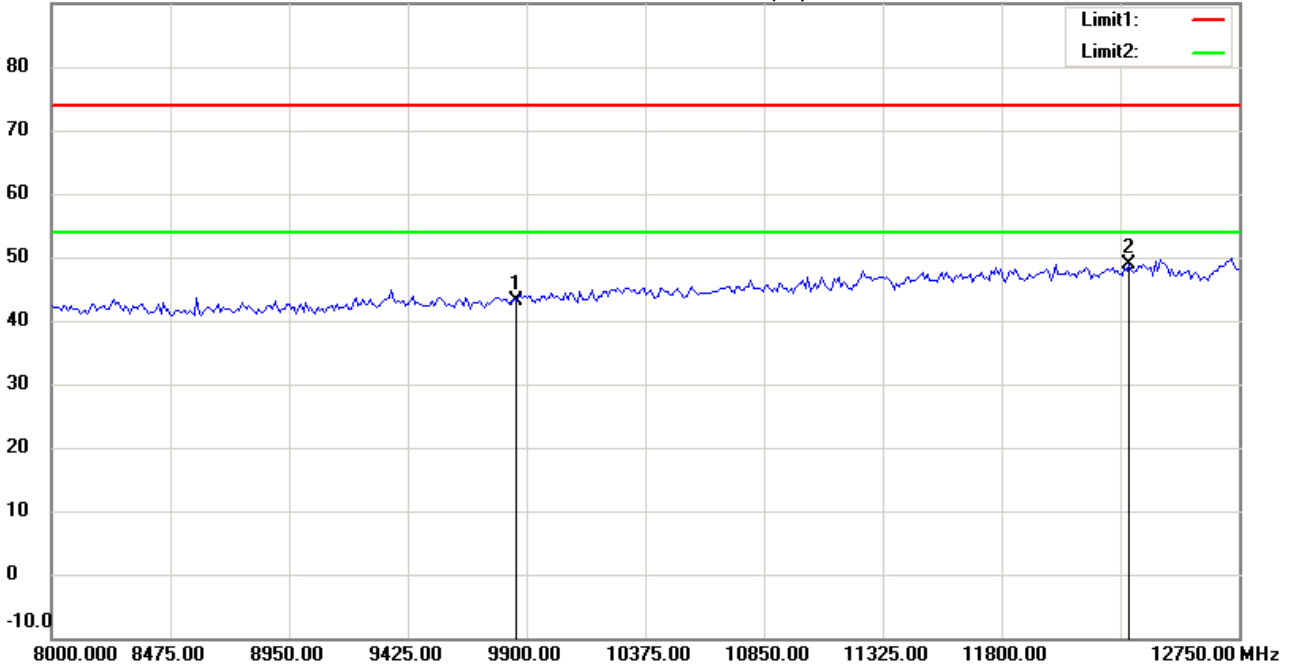
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:54:30

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.05	peak	7.96	43.01	74.00	100	70	-30.99	
*	12310.000	35.37	peak	13.60	48.97	74.00	100	120	-25.03	



Radiated Emission Measurement

Operator: Ken

File :3

Data :#8

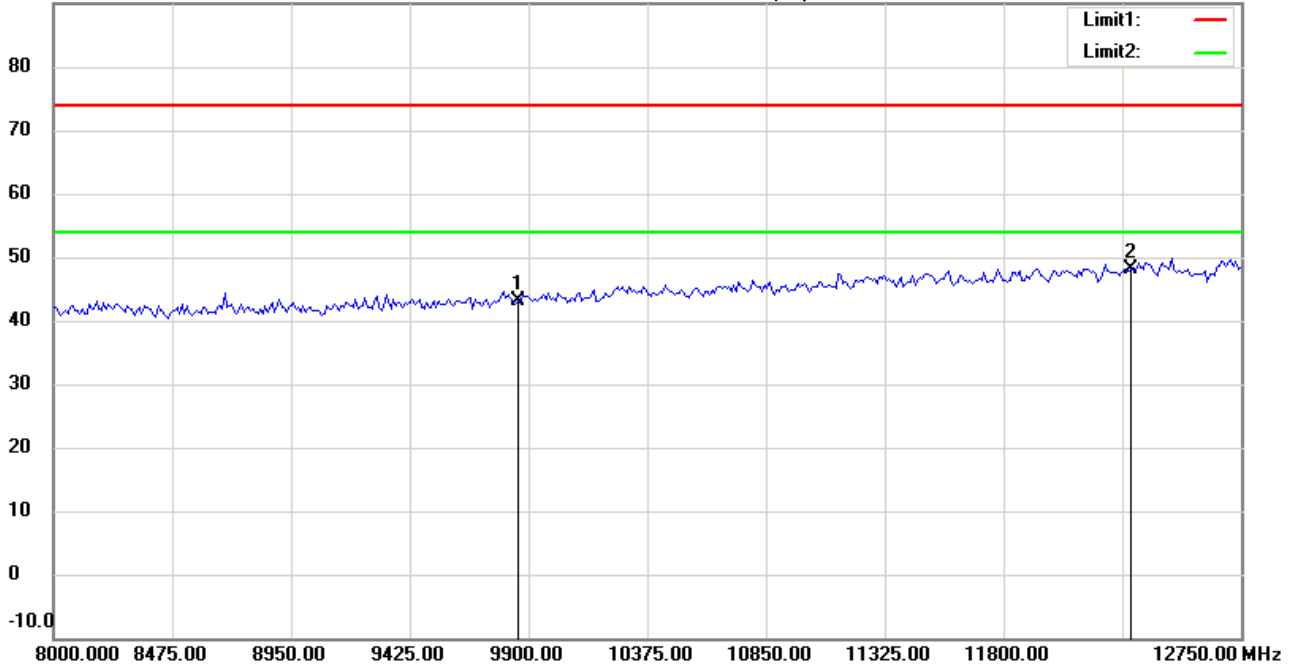
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:57:09

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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	35.05	peak	7.96	43.01	74.00	100	150	-30.99	
*	12310.000	34.56	peak	13.60	48.16	74.00	100	235	-25.84	



**Radiated Emission Measurement**

Operator: Ken

File :3

Data :#4

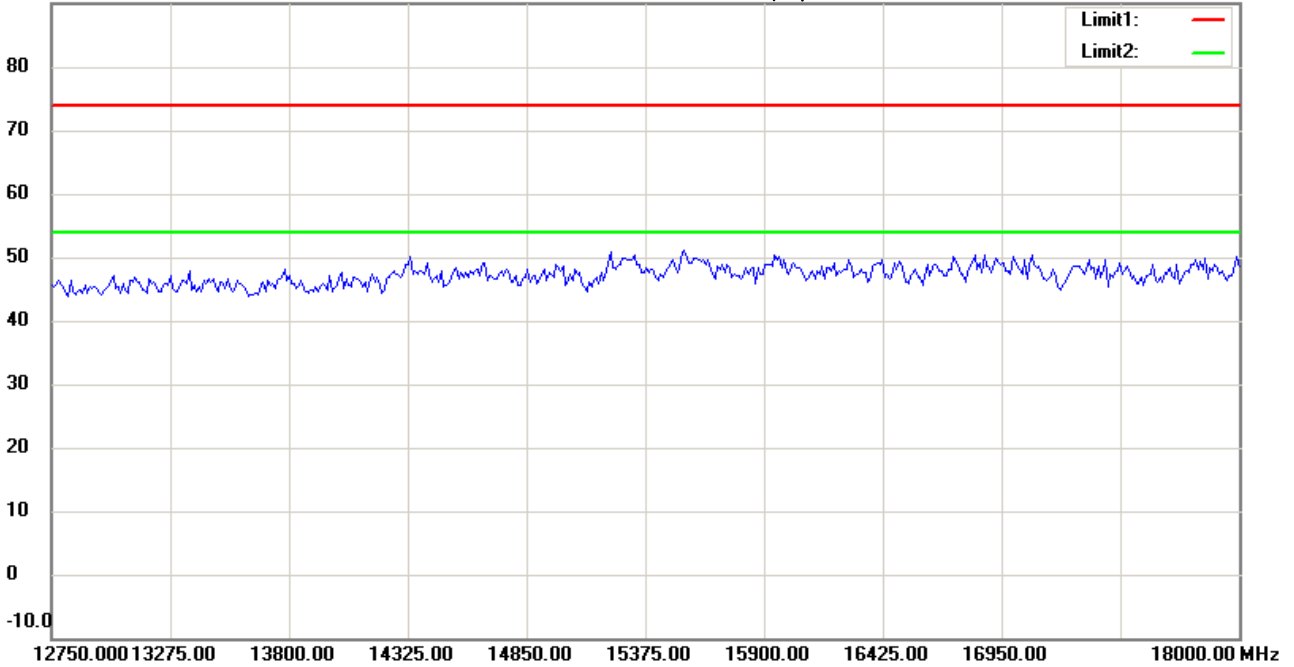
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:54:44

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
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 Fax:+886-2-6606-8875

Radiated Emission Measurement

Operator: Ken

File :3

Data :#9

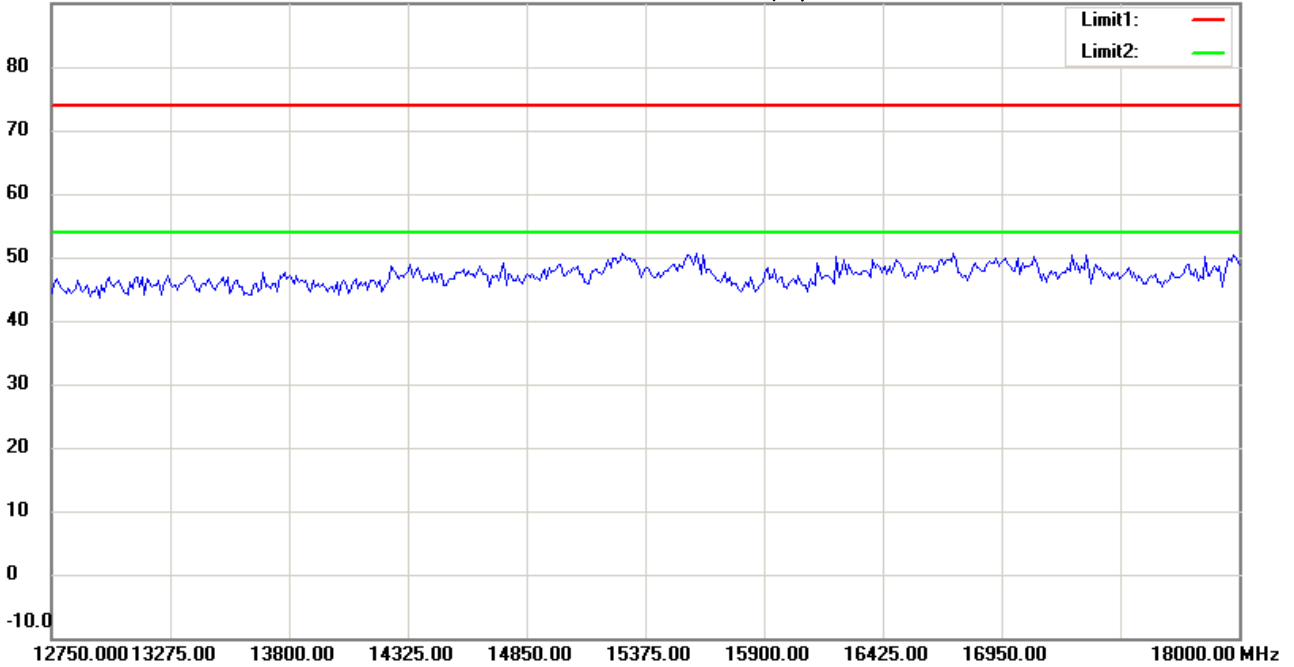
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:57:22

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

Note :

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



Radiated Emission Measurement

Operator: Ken

File :3

Data :#5

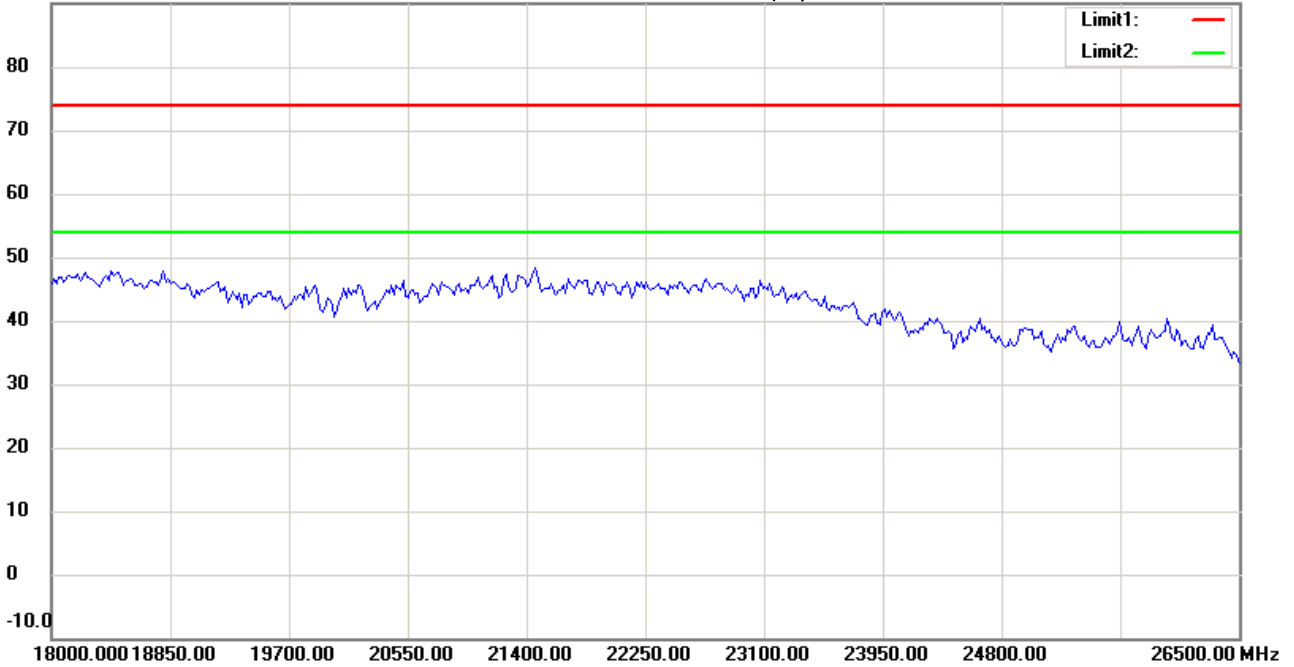
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:54:54

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Ken

File :3

Data :#10

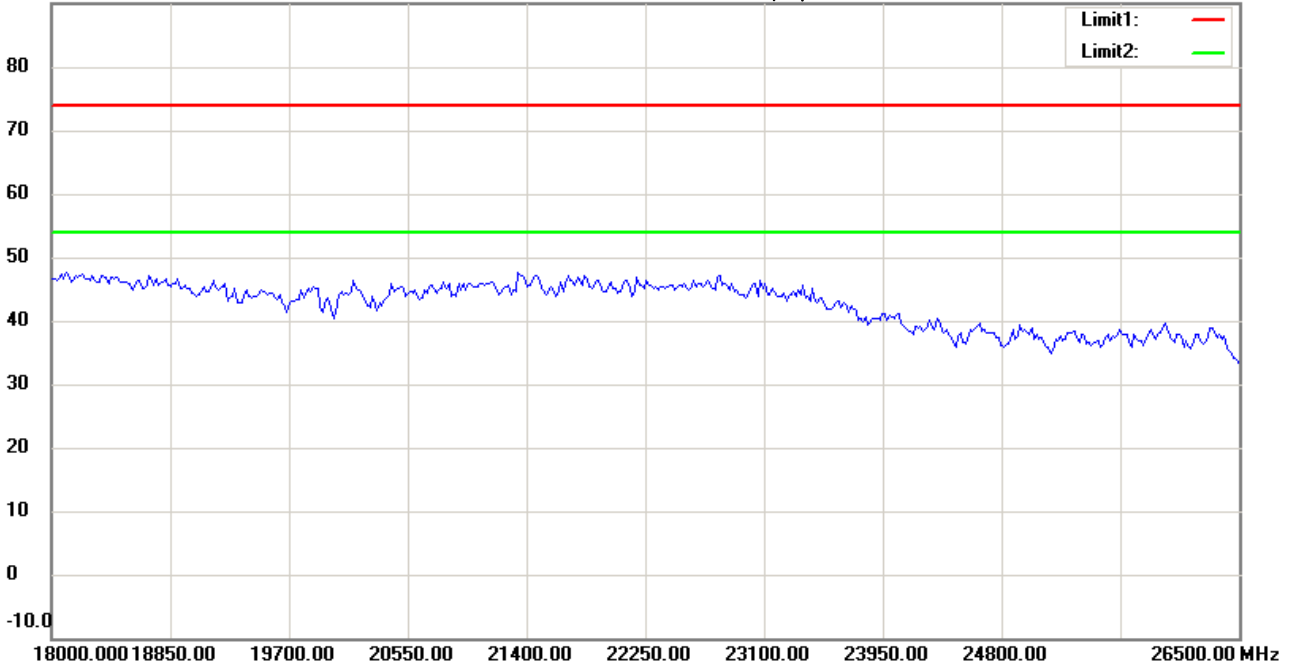
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 04:57:32

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH11

Note :

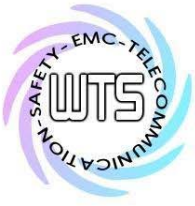
Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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***Worldwide Testing Services(Taiwan) Co., Ltd.***

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ANT 2



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

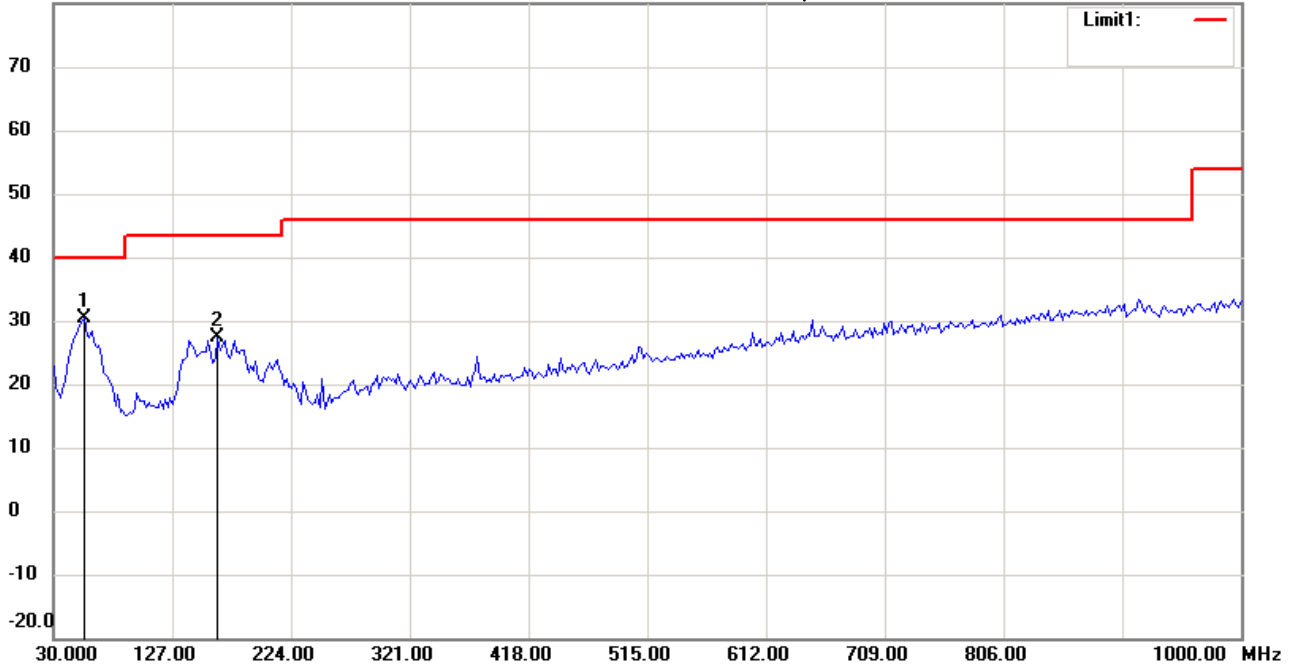
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:08:14

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	55.2704	16.44	peak	13.82	30.26	40.00	100	135	-9.74	
	164.1282	12.05	peak	15.32	27.37	43.50	100	120	-16.13	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

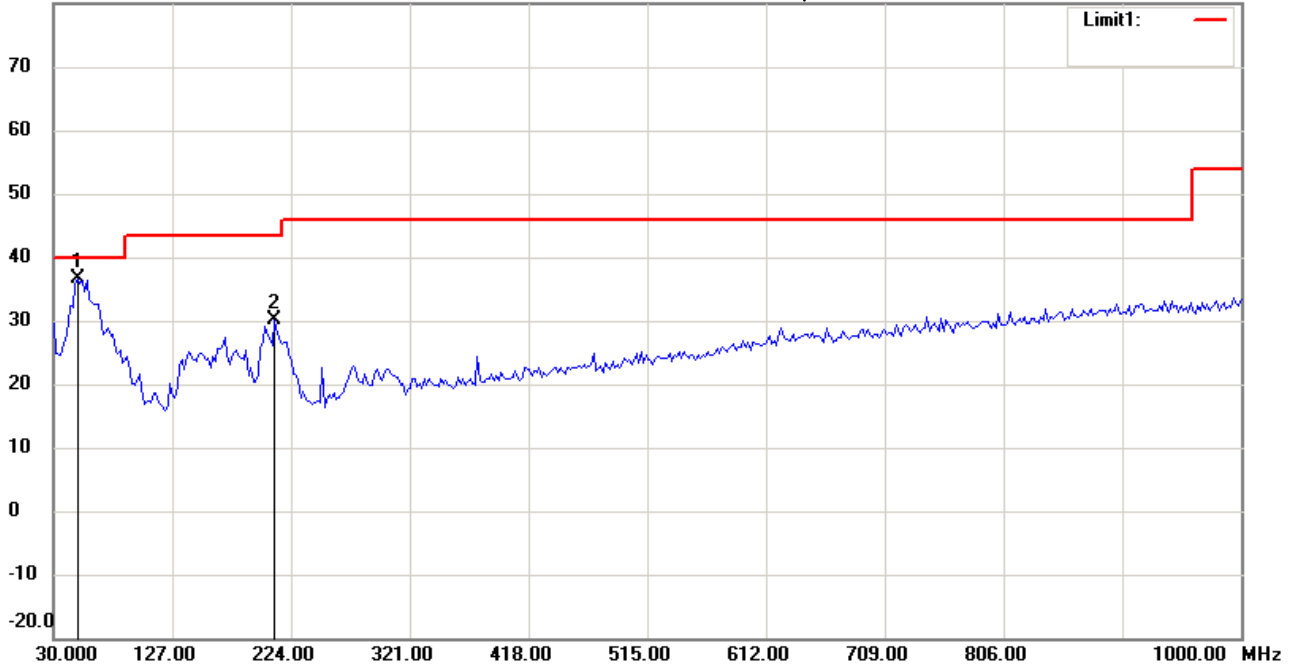
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:09:00

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	49.4388	22.07	peak	14.65	36.72	40.00	100	155	-3.28	
	210.7816	17.05	peak	13.01	30.06	43.50	100	90	-13.44	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

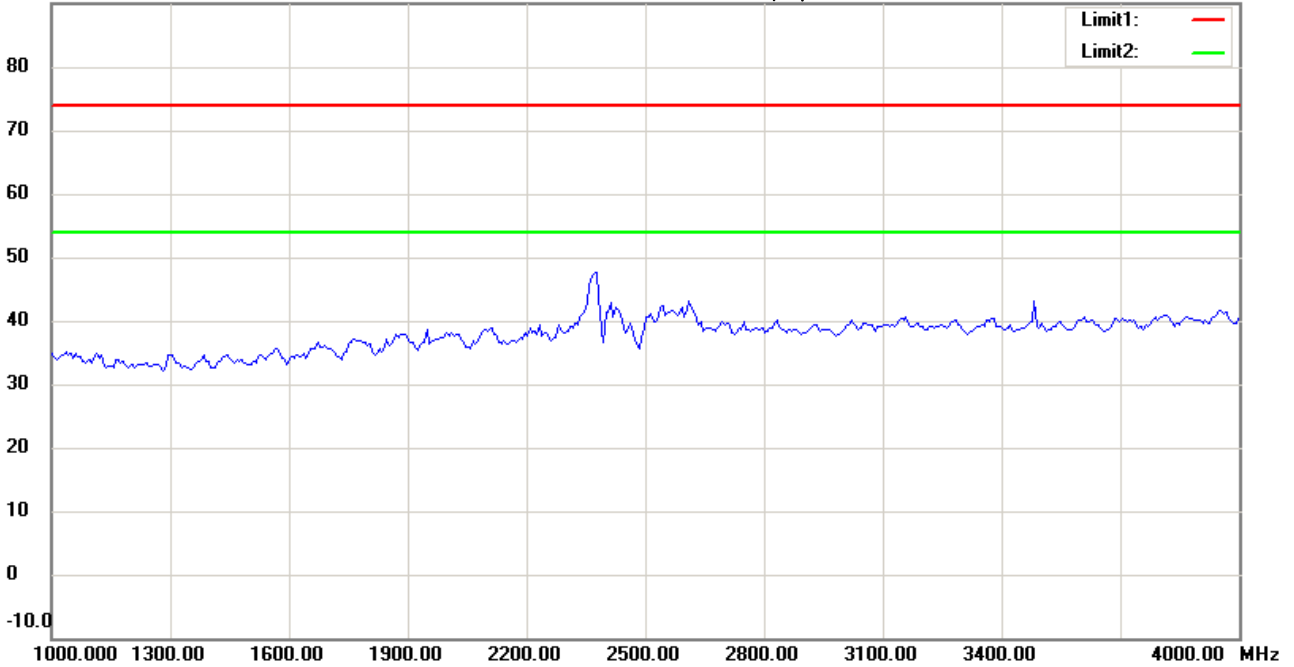
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:34:55

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

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

Operator: Leon

File :3

Data :#6

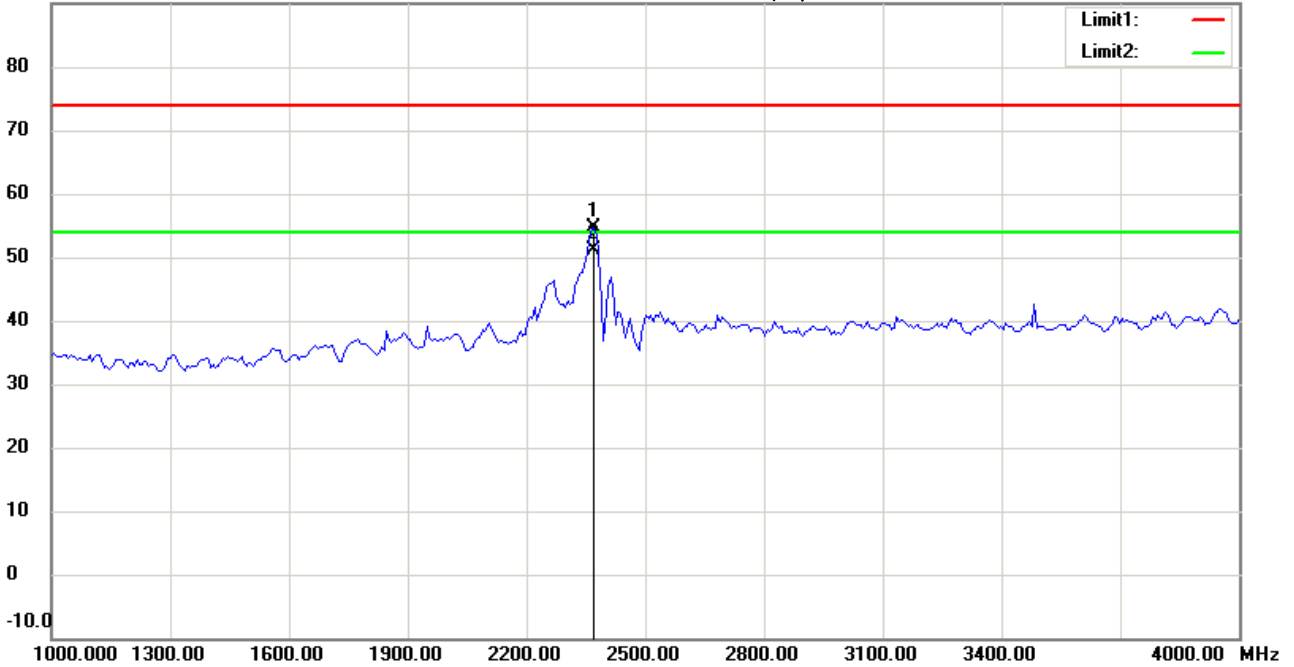
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:37:39

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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
	2368.858	59.54	peak	-4.86	54.68	74.00	100	335	-19.32	
*	2368.858	55.95	AVG	-4.86	51.09	54.00	100	335	-2.91	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

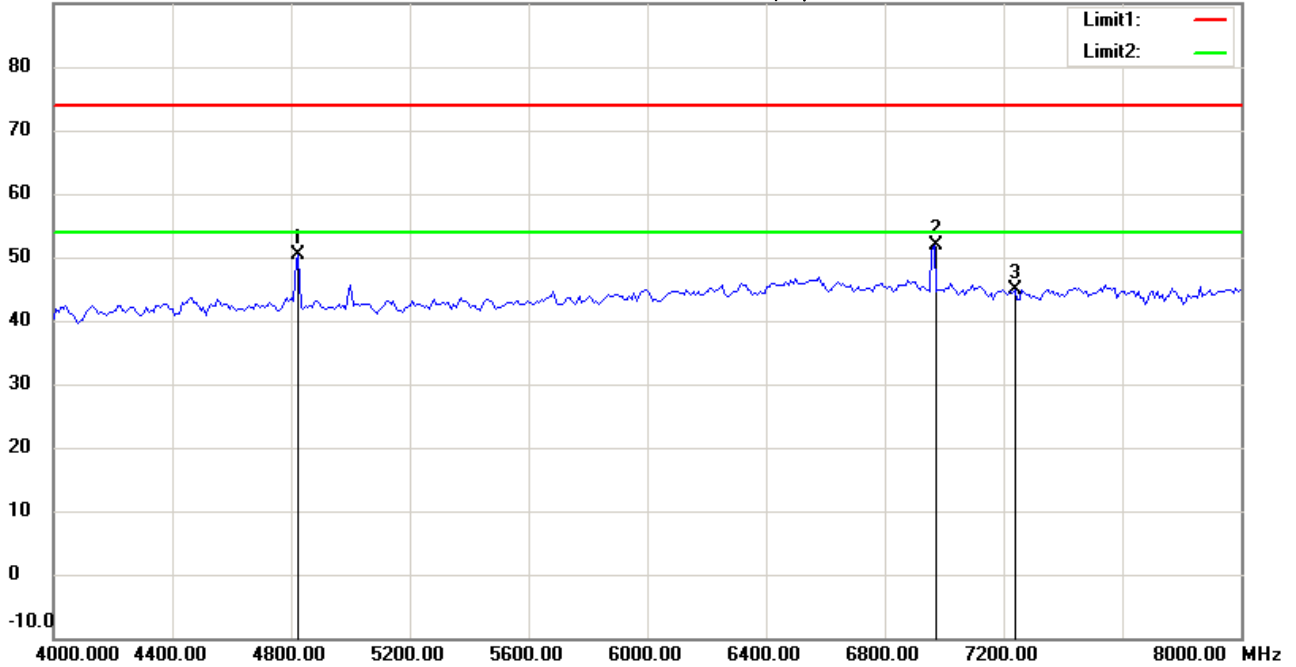
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:35:40

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	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	49.71	peak	0.69	50.40	74.00	100	155	-23.60	
*	6965.932	46.69	peak	5.13	51.82	74.00	100	245	-22.18	
	7236.000	40.68	peak	4.30	44.98	74.00	100	230	-29.02	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

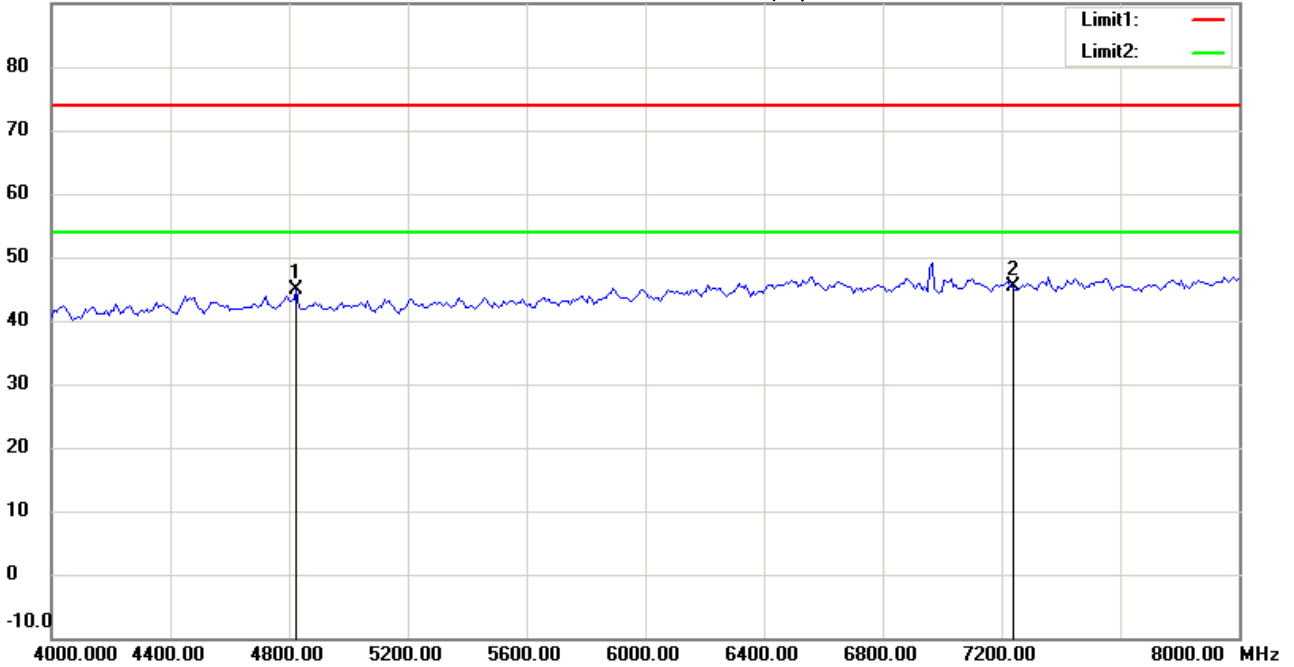
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:38:25

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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	44.10	peak	0.69	44.79	74.00	100	110	-29.21	
*	7236.000	41.01	peak	4.30	45.31	74.00	100	215	-28.69	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

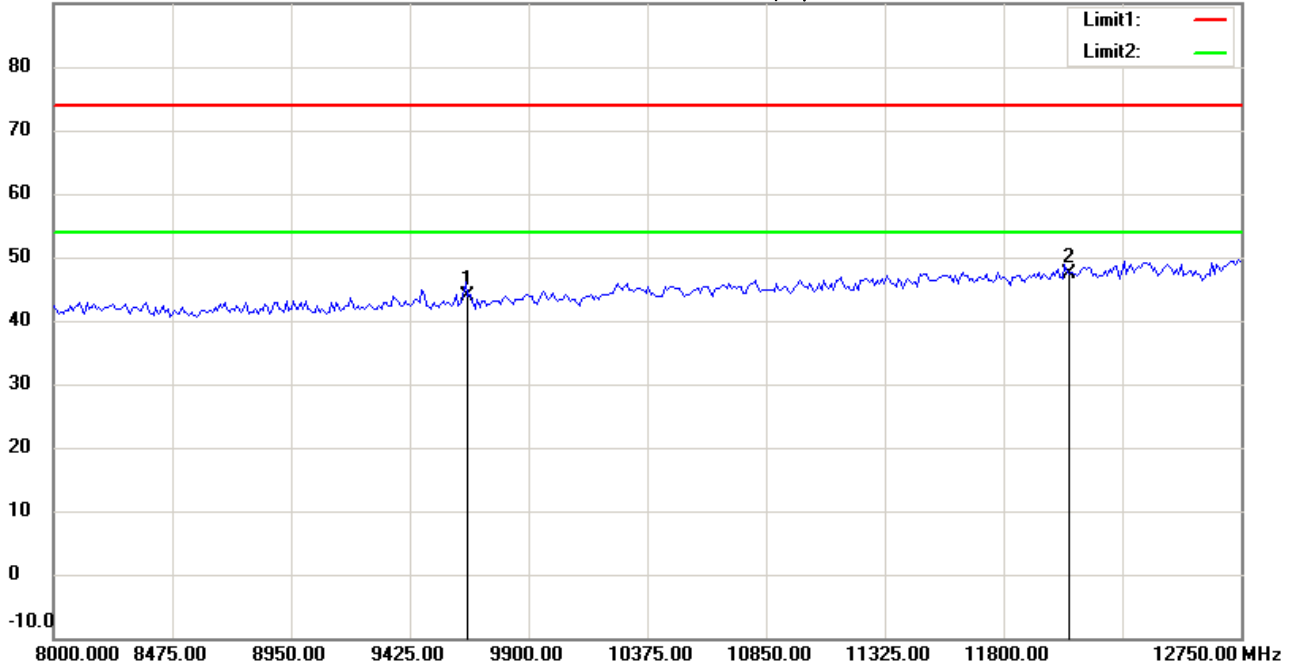
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:36:31

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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	36.34	peak	7.46	43.80	74.00	100	155	-30.20	
*	12060.000	34.26	peak	13.20	47.46	74.00	100	190	-26.54	





Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

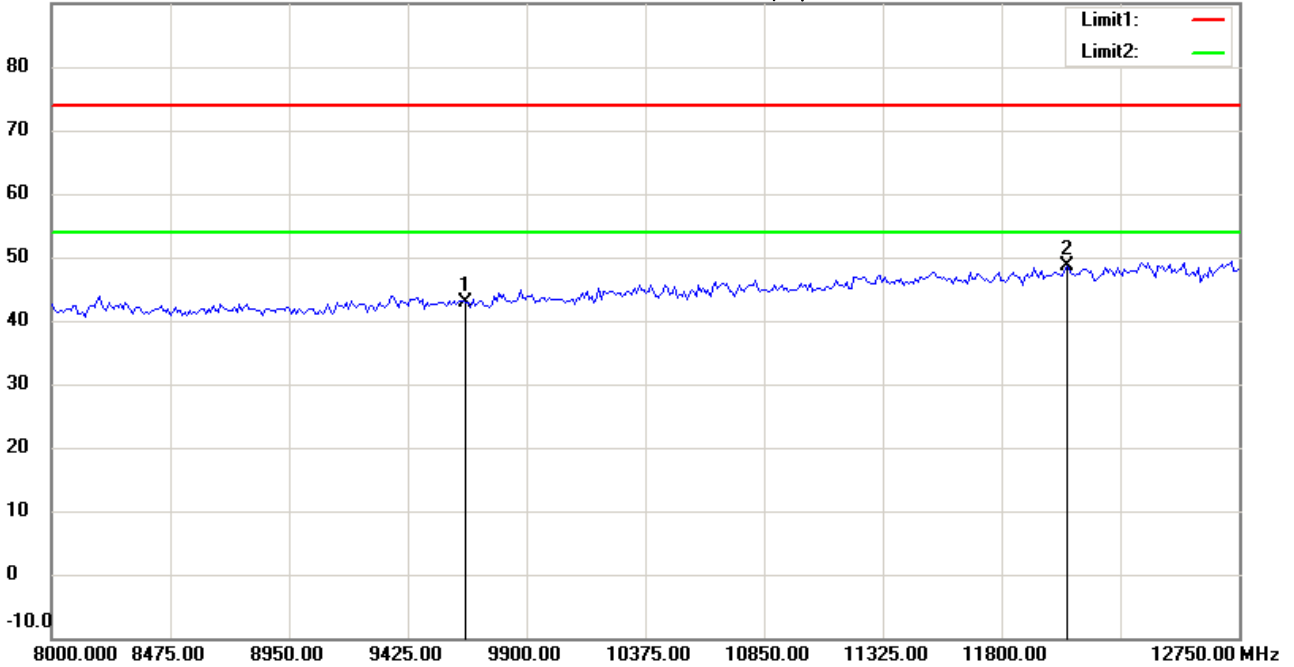
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:39:09

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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	35.43	peak	7.46	42.89	74.00	100	95	-31.11	
*	12060.000	35.45	peak	13.20	48.65	74.00	100	230	-25.35	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

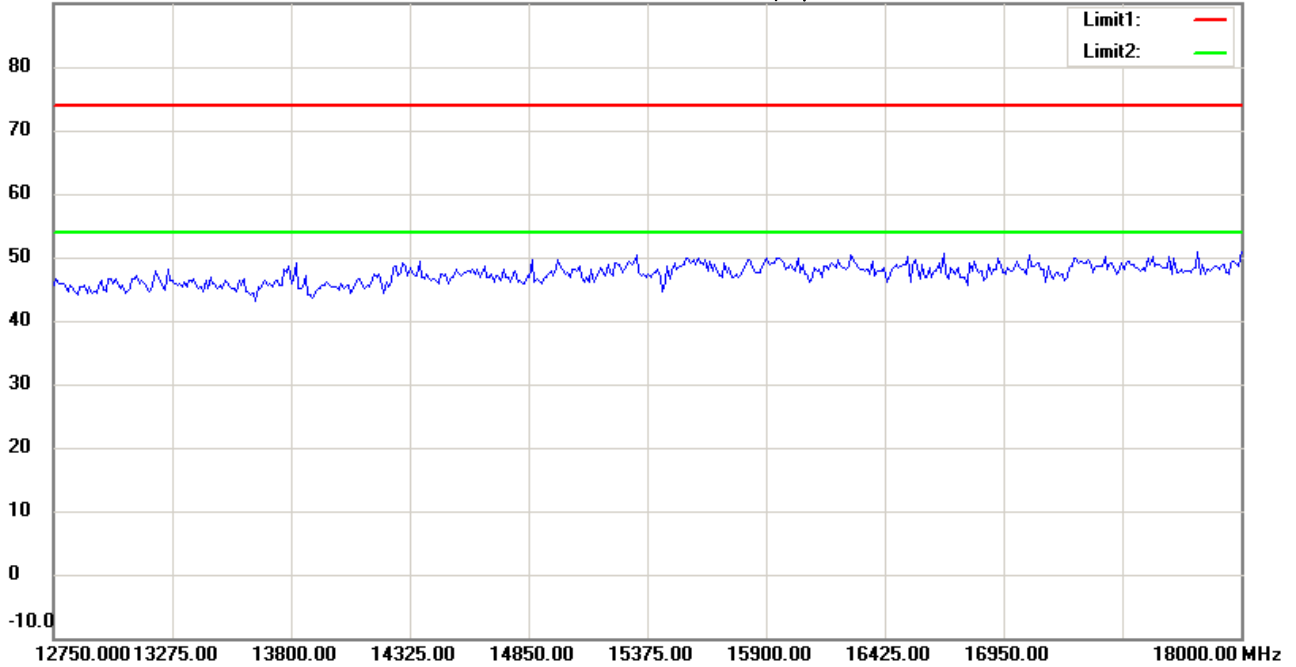
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:36:45

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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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Radiated Emission Measurement

Operator: Leon

File :3

Data :#9

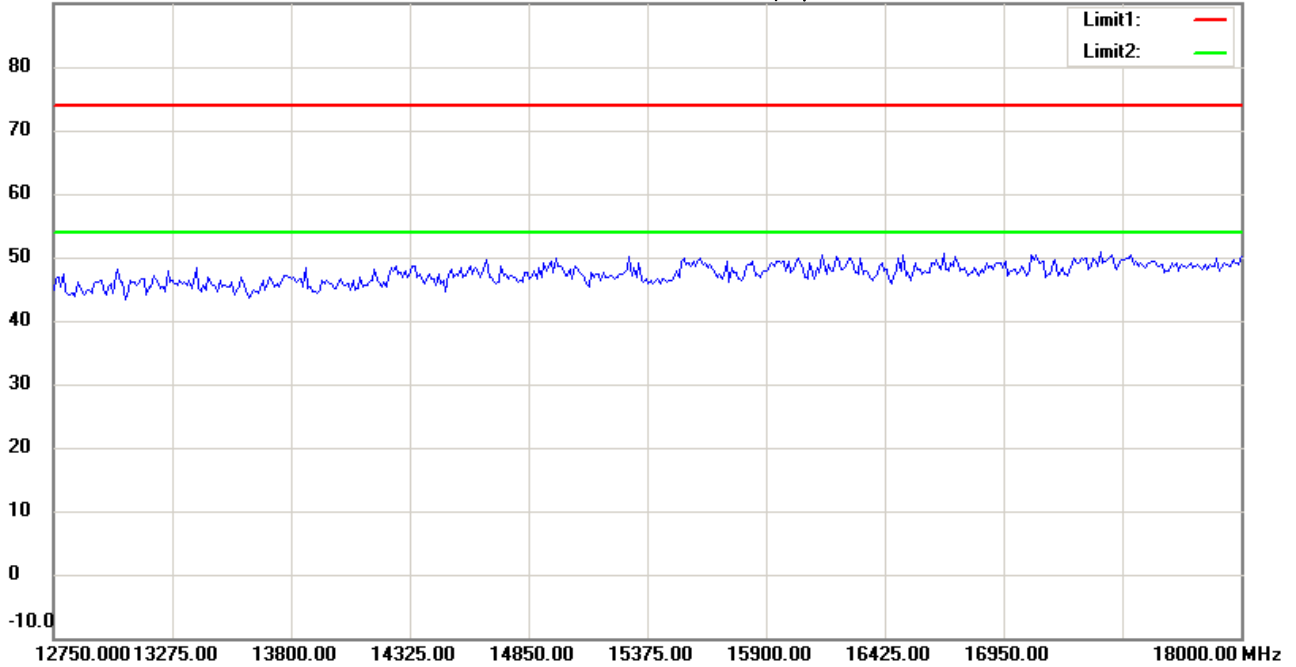
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:39:23

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH1

Note :

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

Operator: Leon

File :3

Data :#5

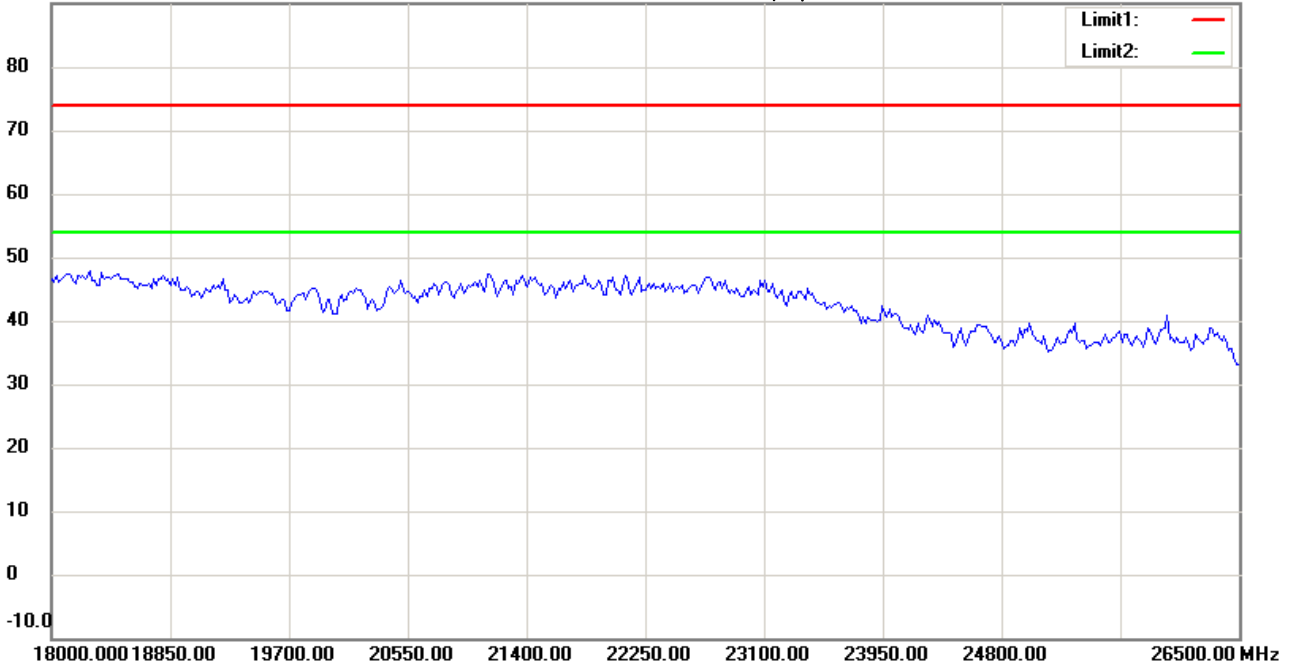
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:36:54

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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



Radiated Emission Measurement

Operator: Leon

File :3

Data :#10

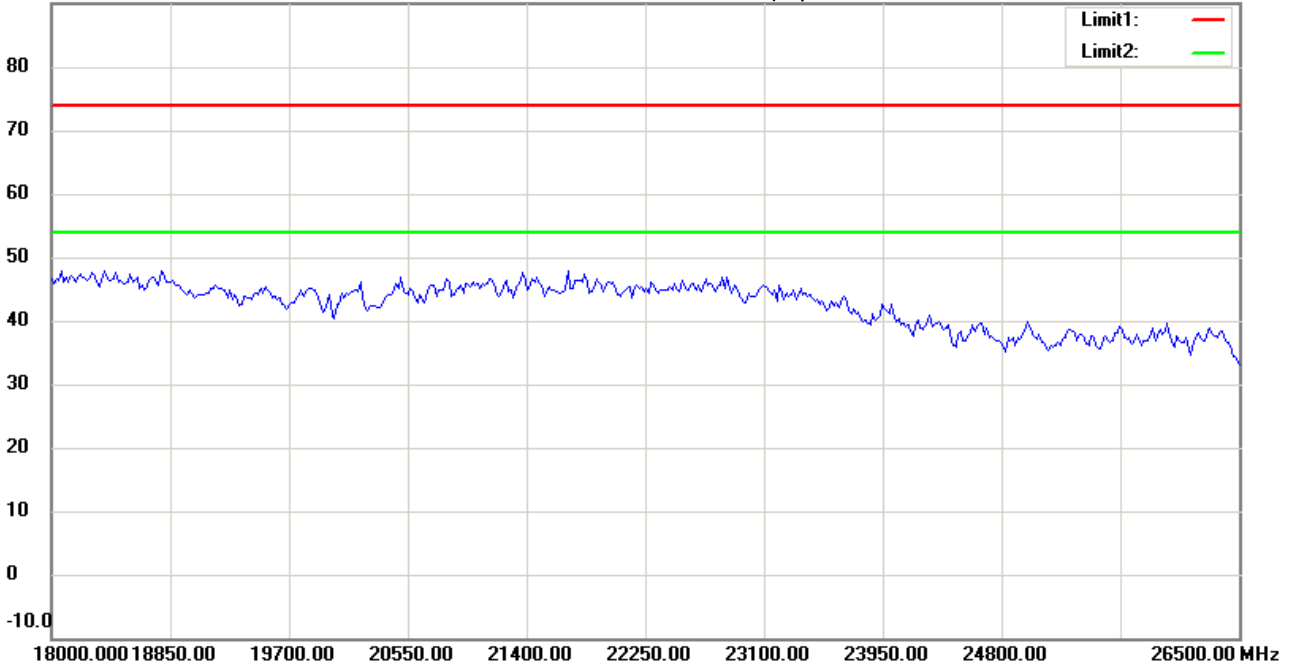
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:39:32

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH1

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

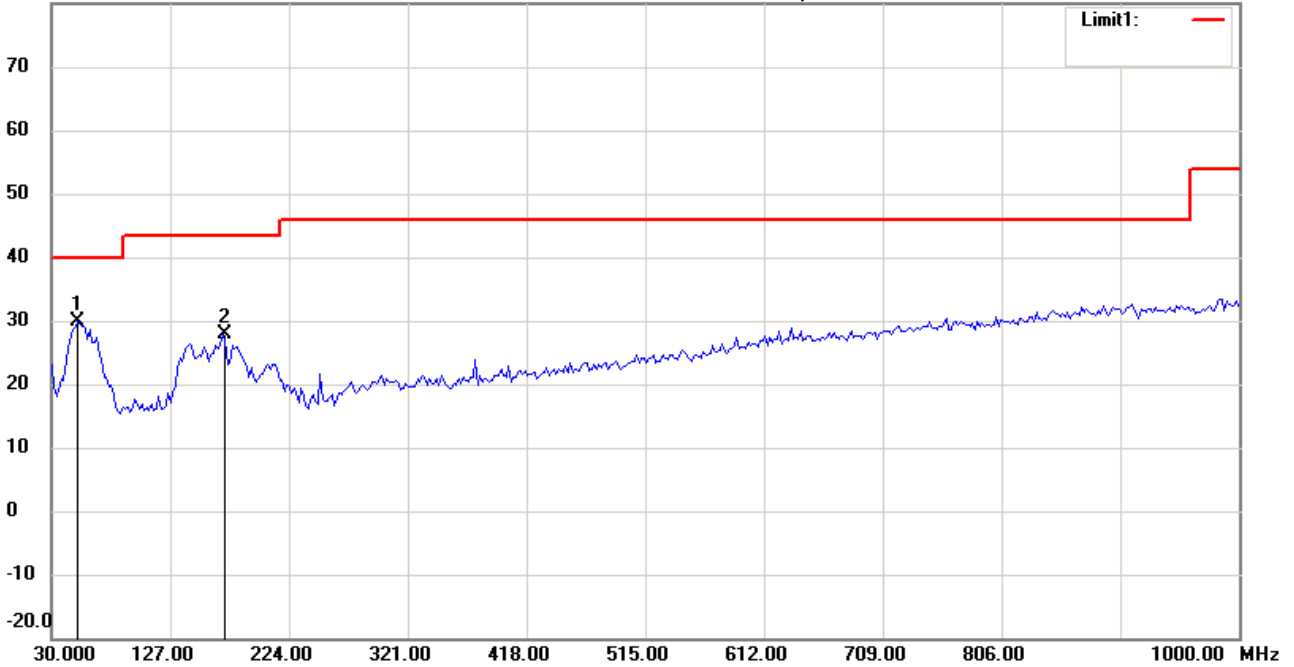
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:10:34

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3828	15.36	peak	14.41	29.77	40.00	100	95	-10.23	
	169.9600	12.69	peak	15.09	27.78	43.50	100	60	-15.72	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

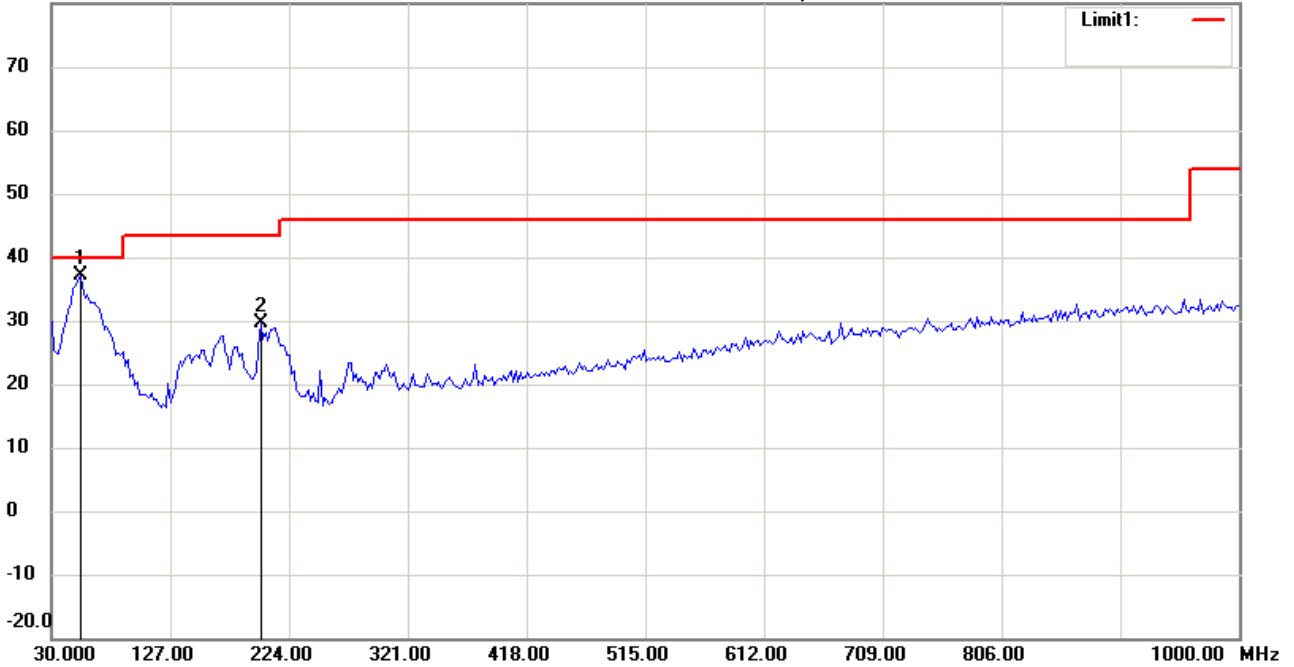
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:11:19

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	23.00	peak	14.12	37.12	40.00	100	155	-2.88	
	201.0621	17.50	peak	12.19	29.69	43.50	100	120	-13.81	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

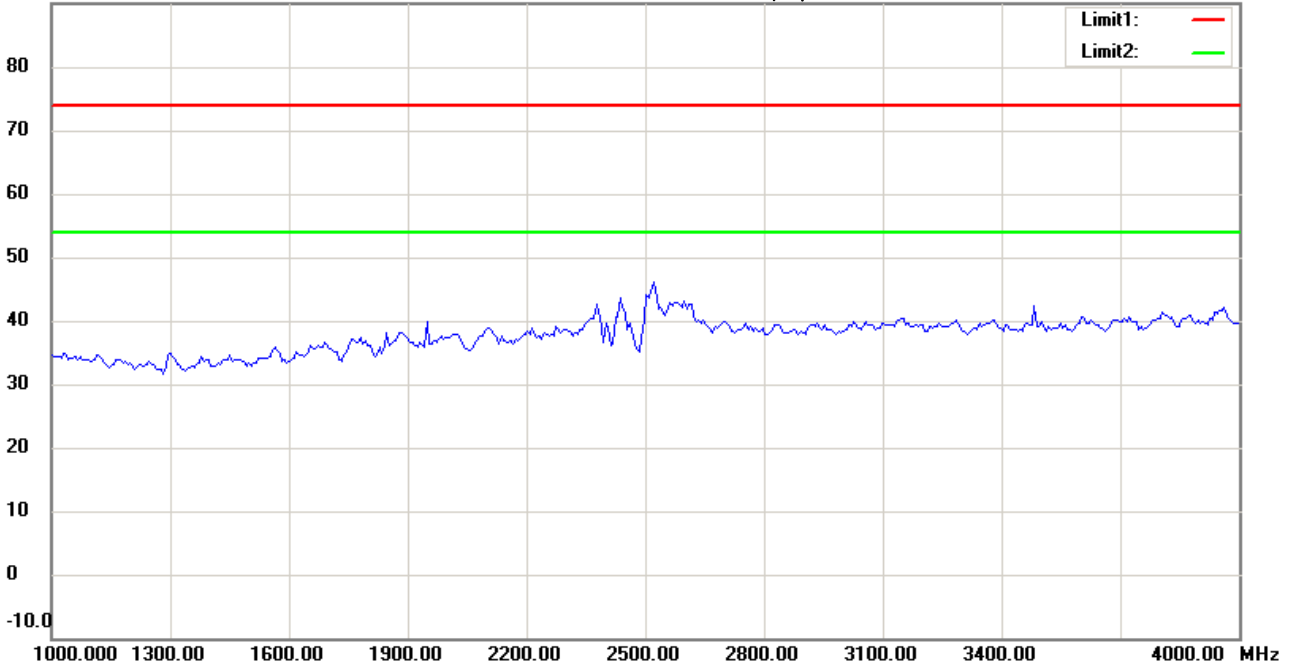
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:48:35

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

Note :

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

Operator: Leon

File :3

Data :#6

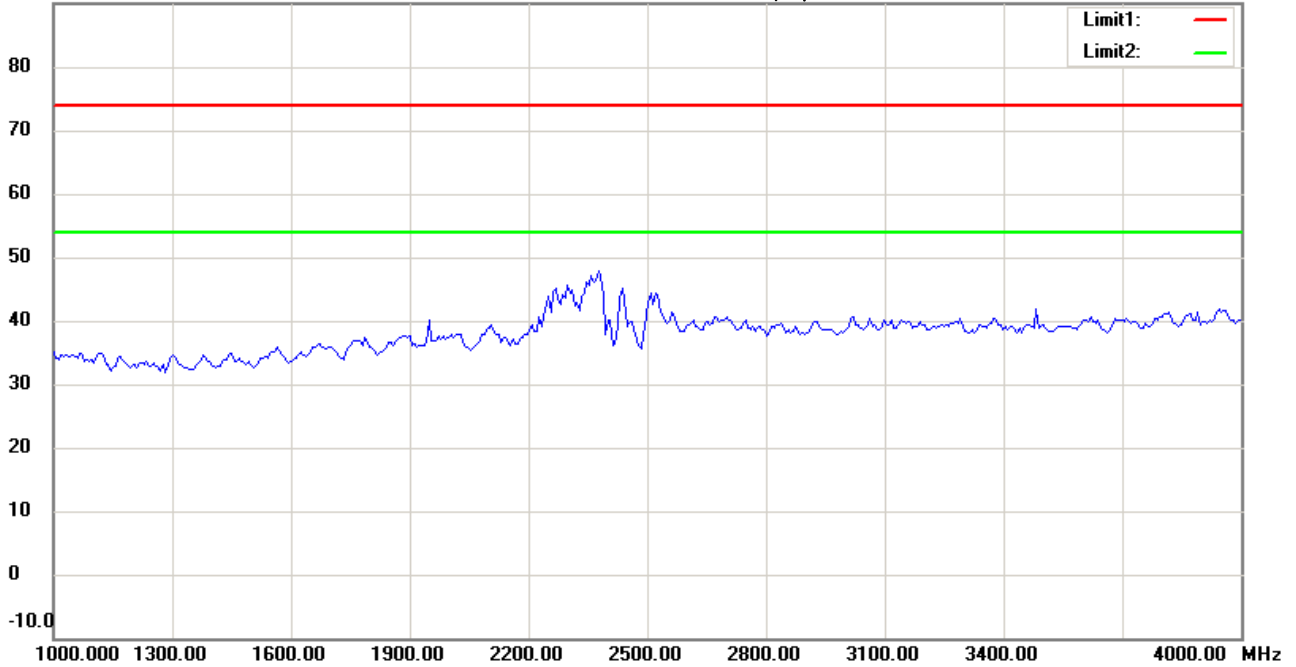
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:51:20

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :3

Data :#2

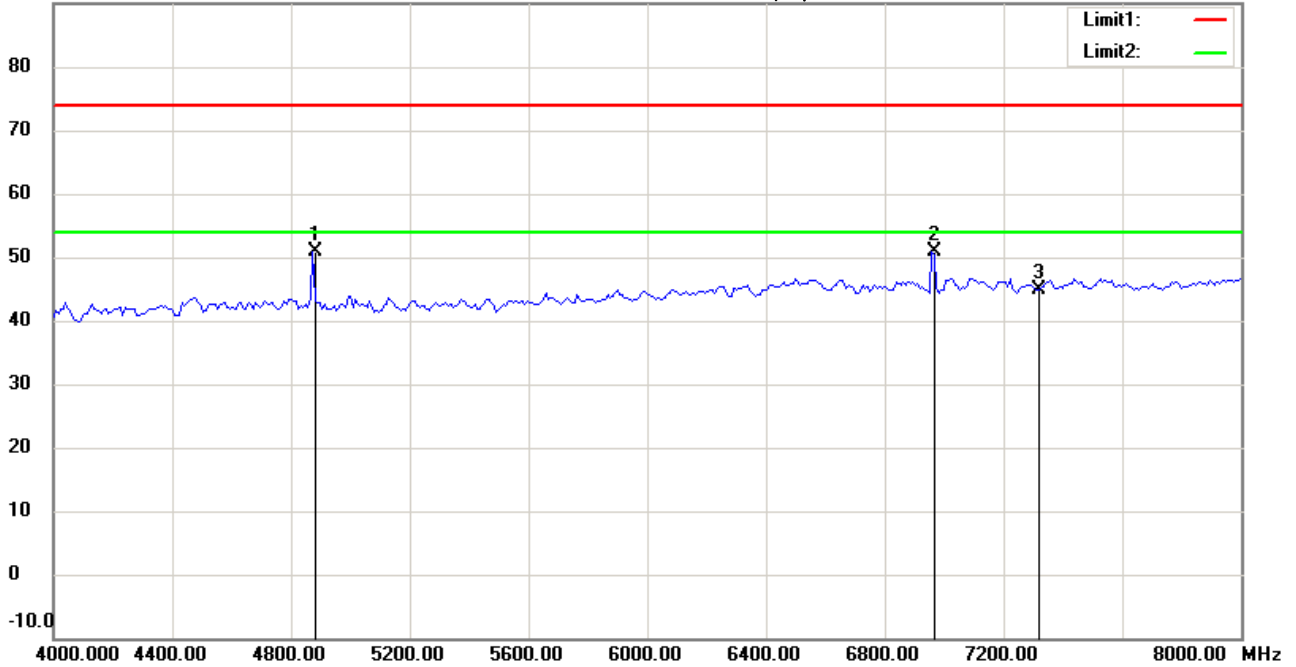
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:49:20

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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	50.15	peak	0.73	50.88	74.00	100	220	-23.12	
	6957.916	45.66	peak	5.21	50.87	74.00	100	175	-23.13	
	7311.000	40.59	peak	4.39	44.98	74.00	100	155	-29.02	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

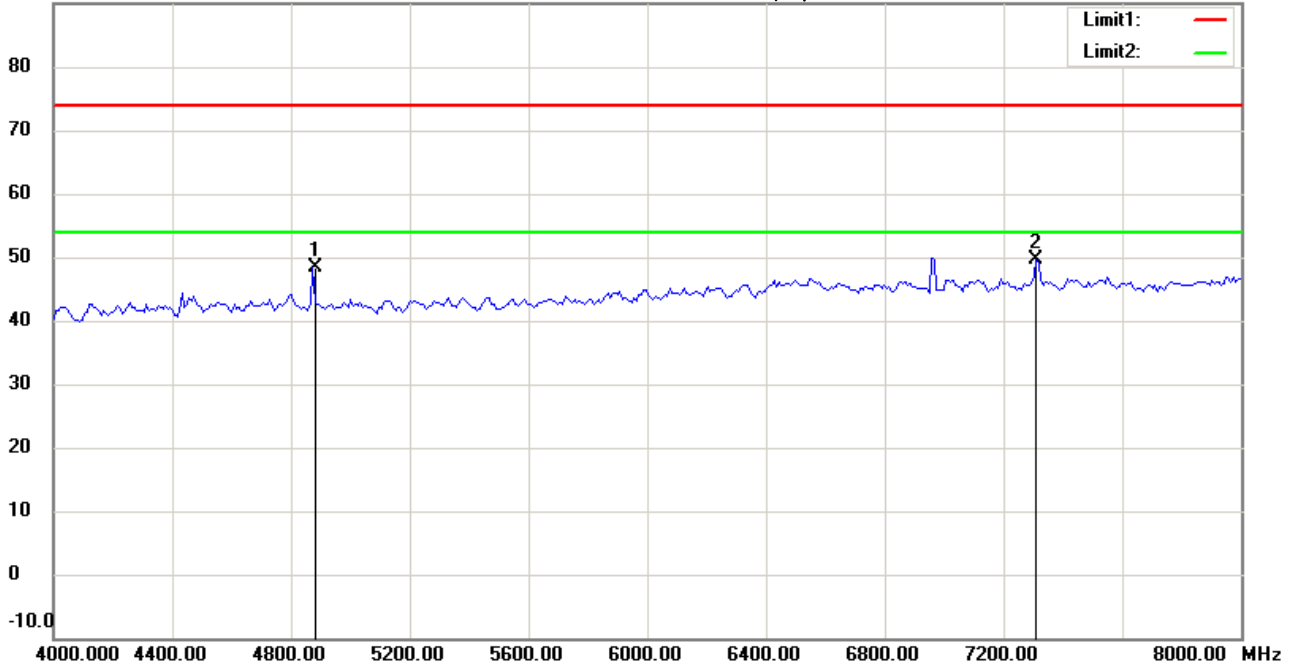
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:52:05

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: **Vertical**

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4873.748	47.57	peak	0.73	48.30	74.00	100	155	-25.70	
*	7310.621	45.32	peak	4.39	49.71	74.00	100	230	-24.29	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

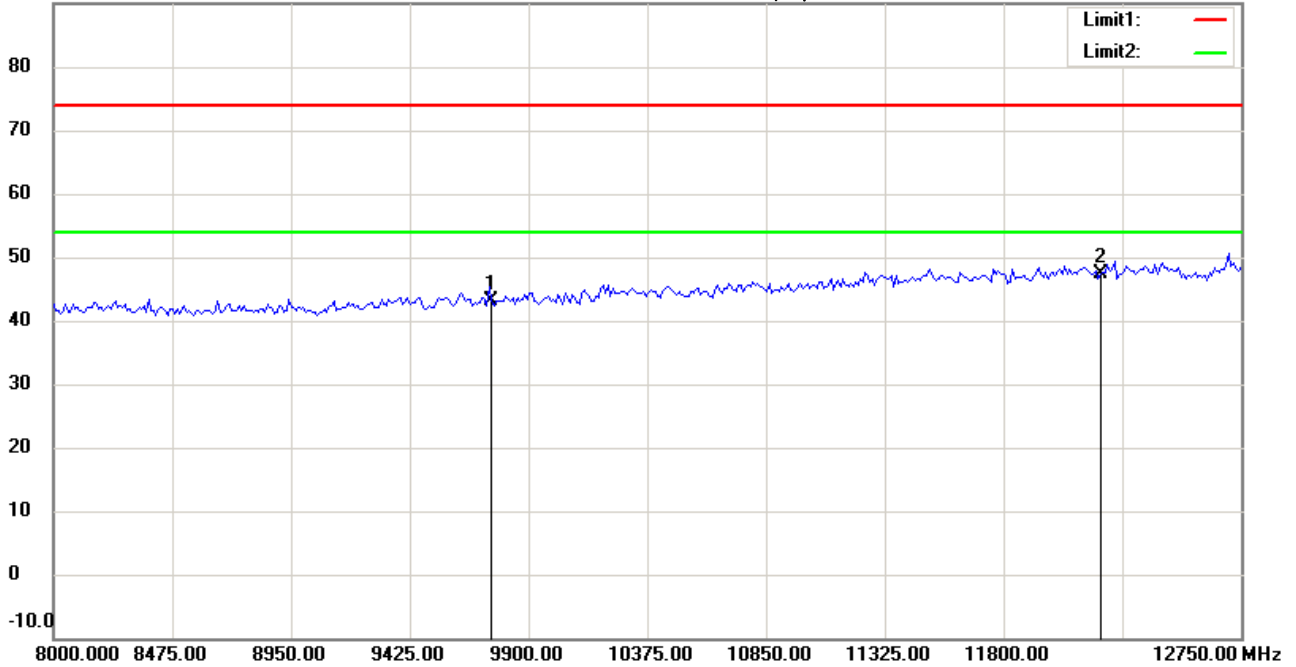
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:50:12

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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	35.59	peak	7.58	43.17	74.00	100	165	-30.83	
*	12185.000	33.53	peak	13.77	47.30	74.00	100	240	-26.70	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

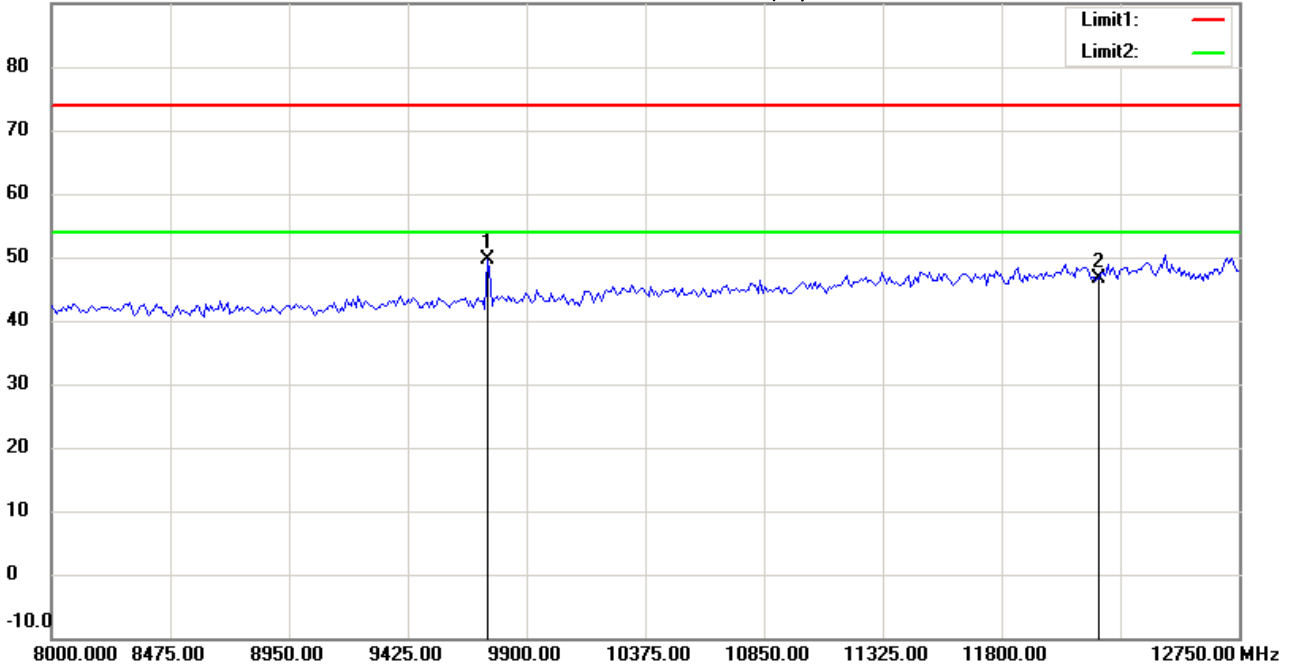
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:52:50

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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
*	9741.984	41.98	peak	7.55	49.53	74.00	100	240	-24.47	
	12185.000	32.97	peak	13.77	46.74	74.00	100	215	-27.26	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

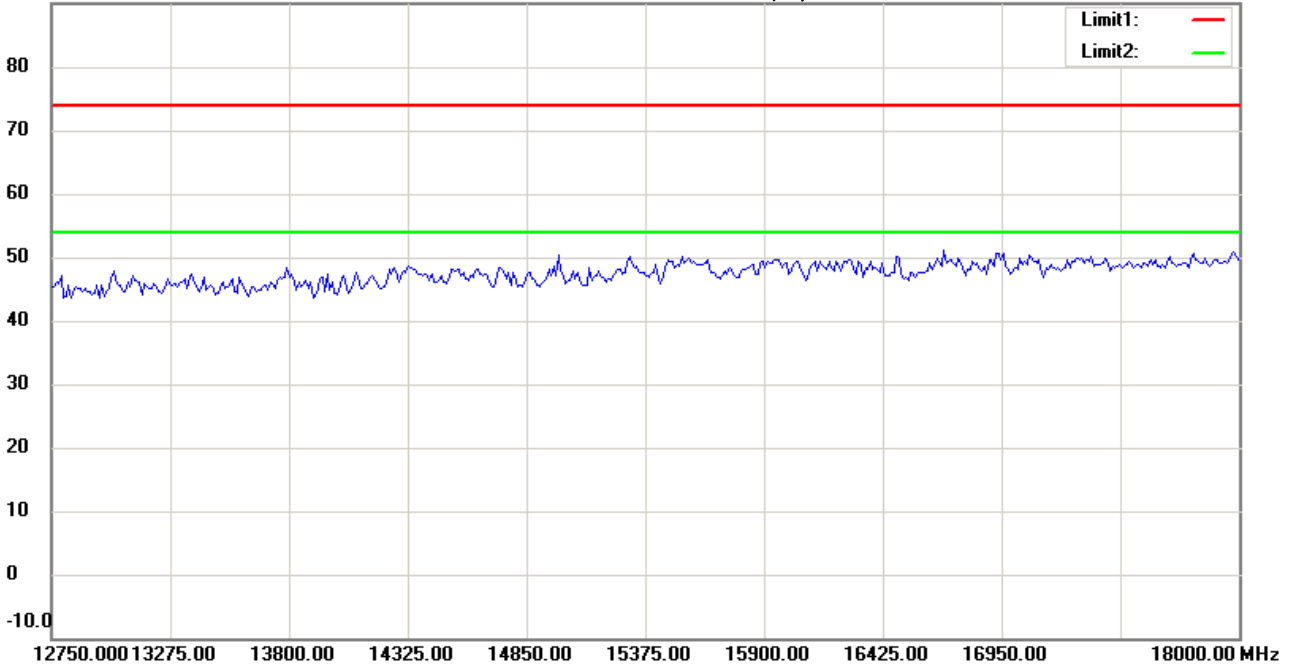
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:50:25

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

Note :

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

Operator: Leon

File :3

Data :#9

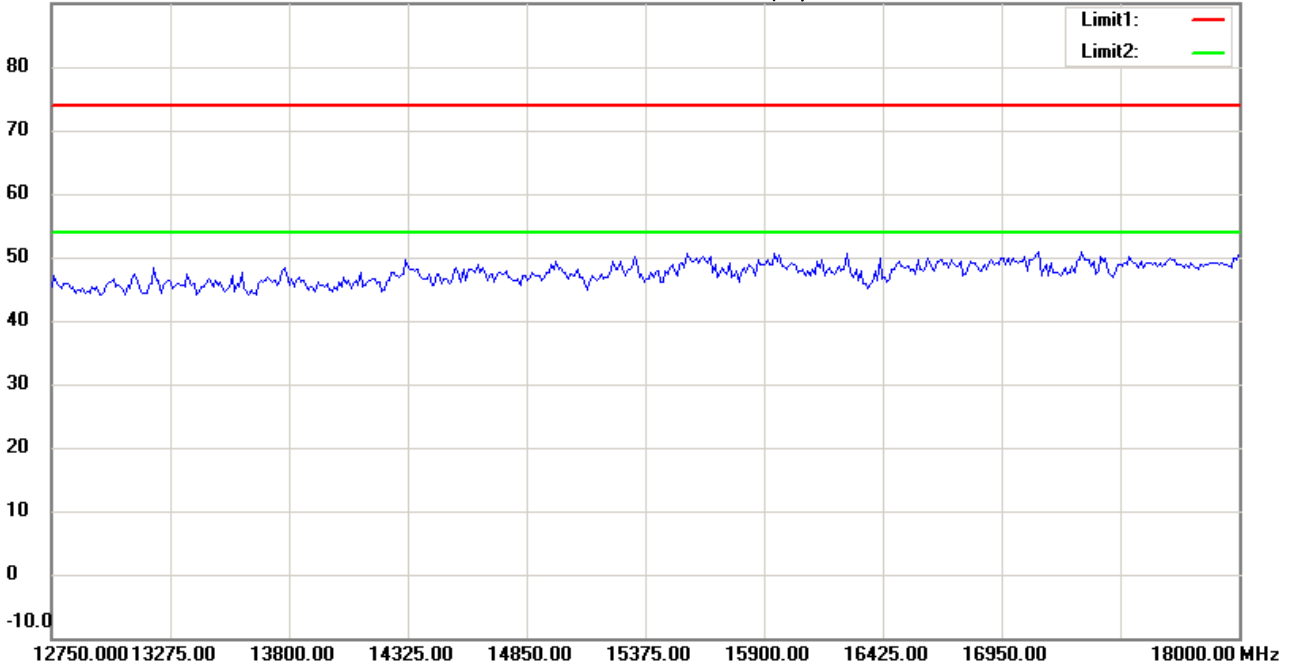
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:53:03

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

Note :

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

Operator: Leon

File :3

Data :#5

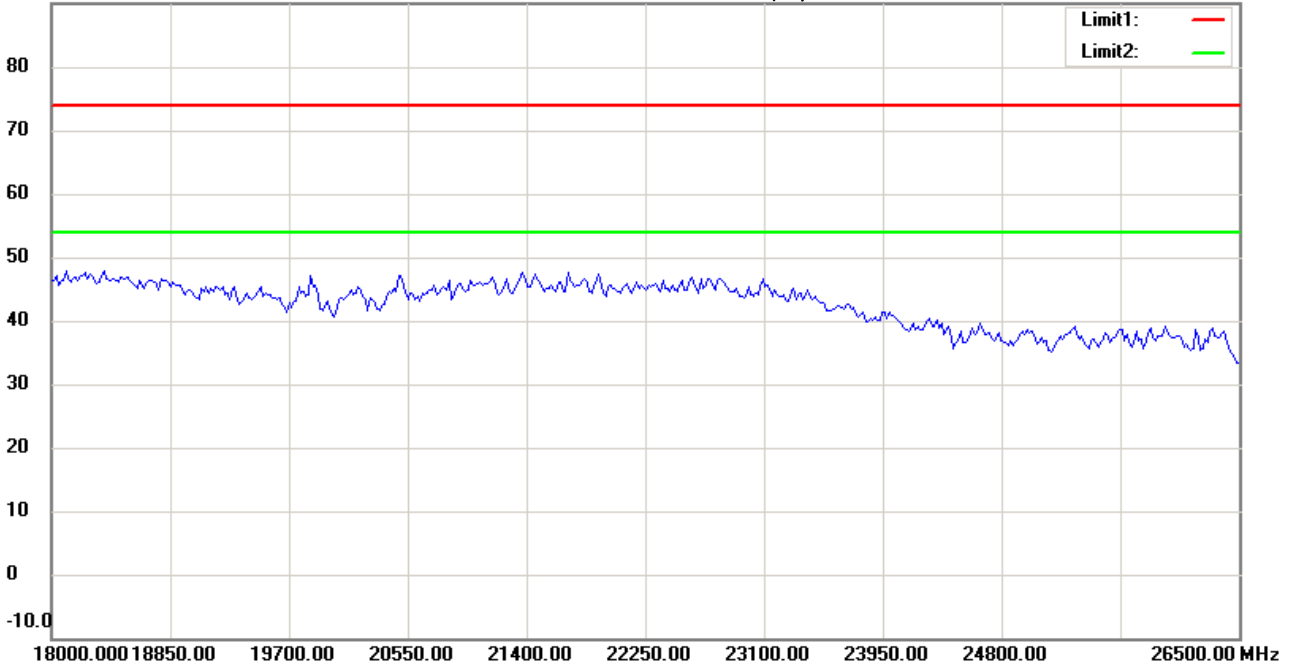
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:50:35

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :3

Data :#10

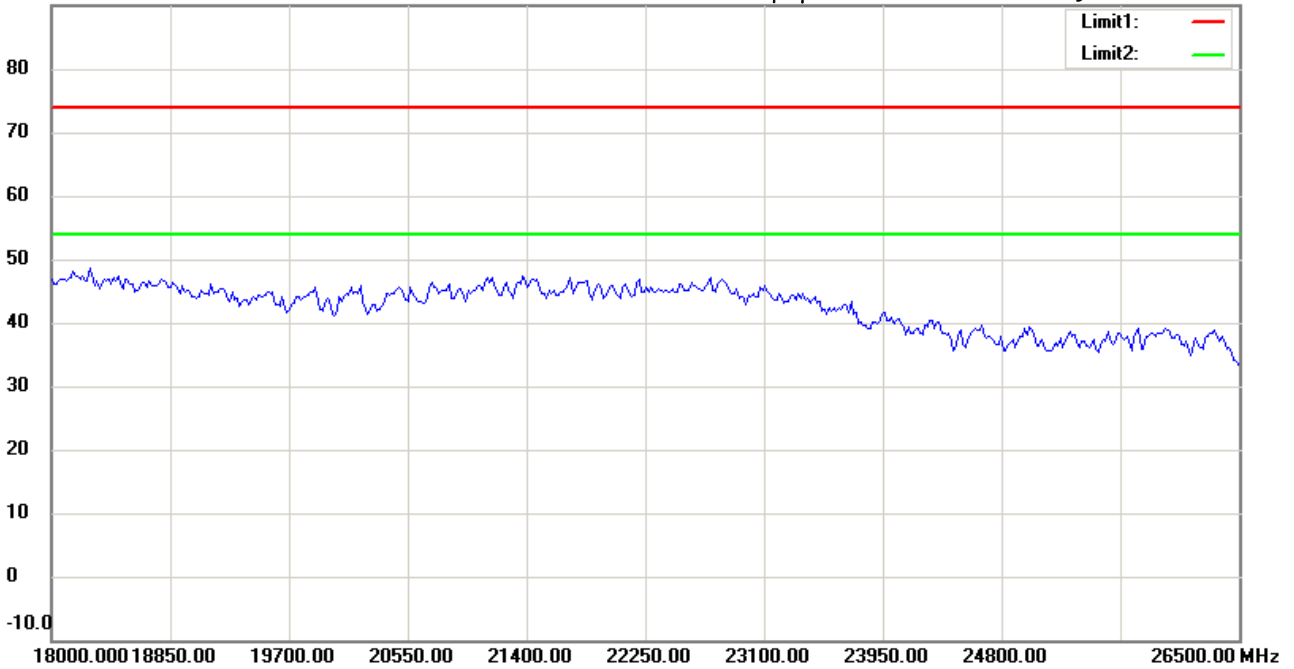
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 02:53:13

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH6

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

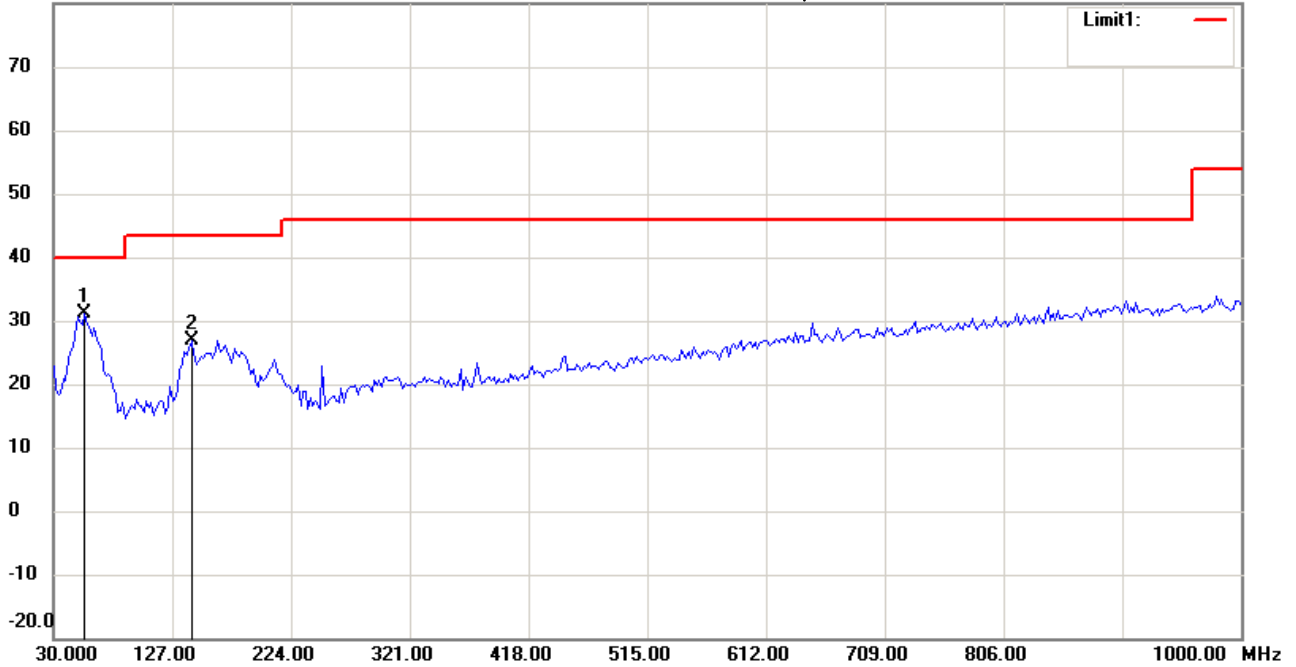
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:13:04

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	55.2704	17.25	peak	13.82	31.07	40.00	100	35	-8.93	
	142.7453	11.38	peak	15.43	26.81	43.50	100	110	-16.69	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

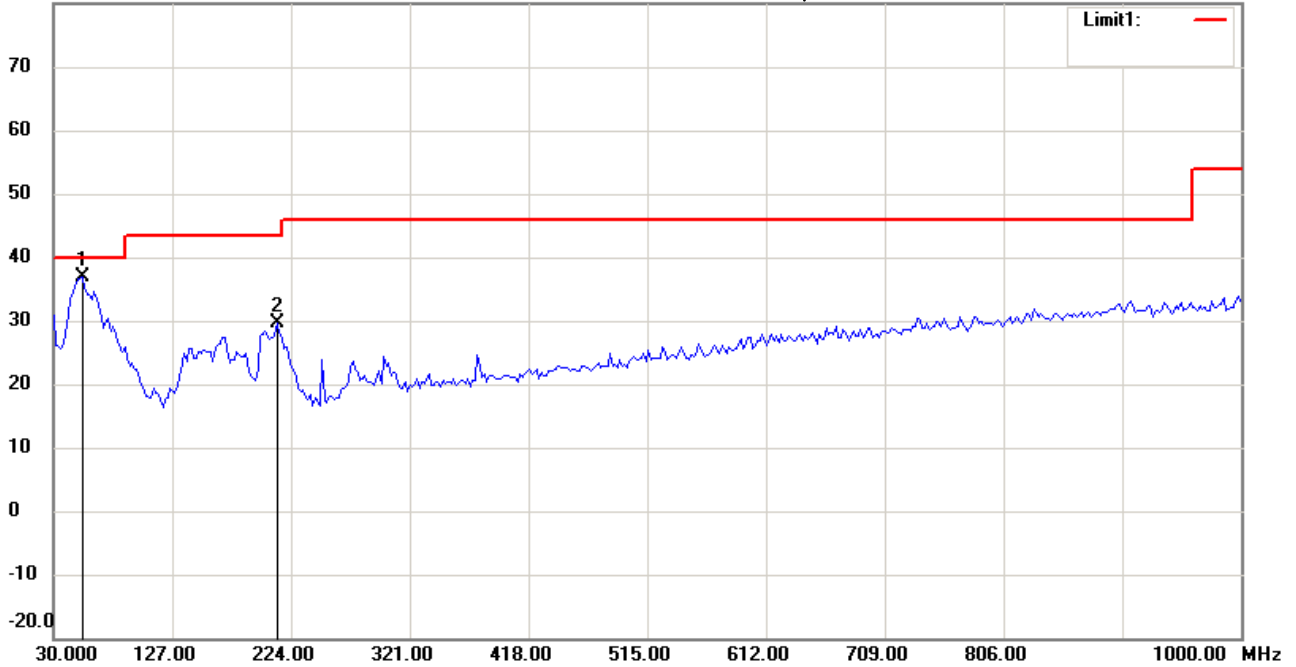
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:14:07

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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
*	53.3267	22.70	peak	14.12	36.82	40.00	100	125	-3.18	
	212.7255	16.52	peak	13.15	29.67	43.50	100	40	-13.83	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

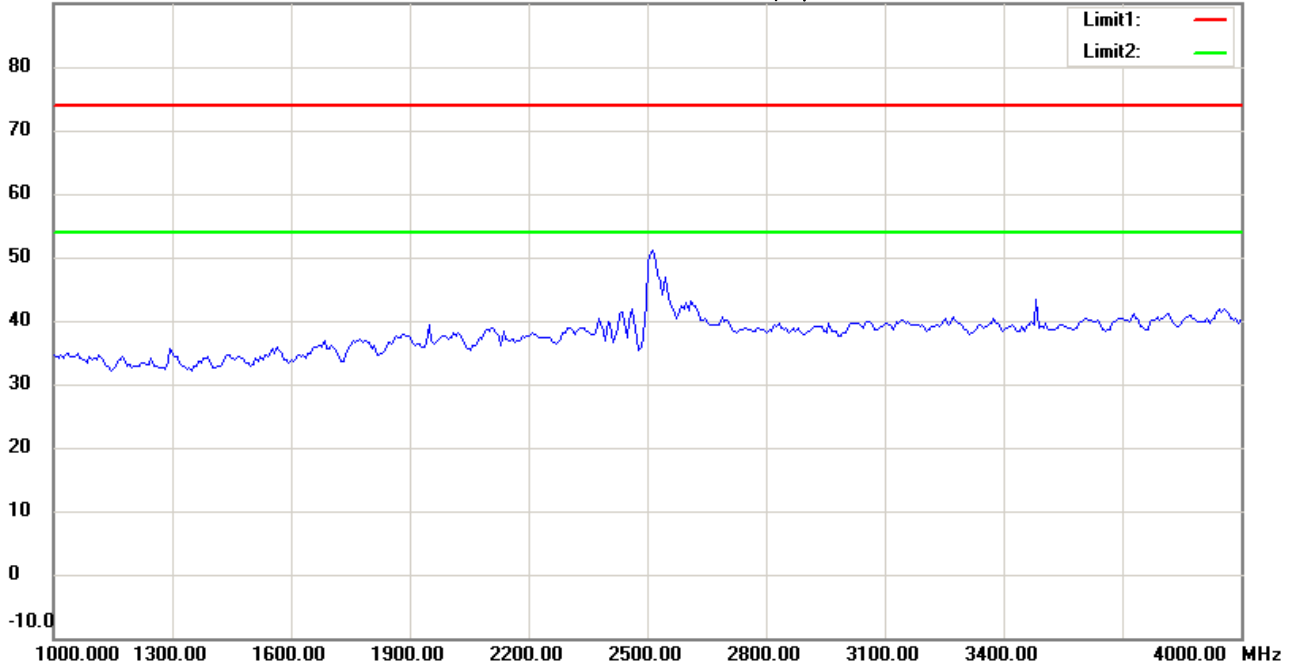
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:05:13

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

Note :

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

Operator: Leon

File :3

Data :#6

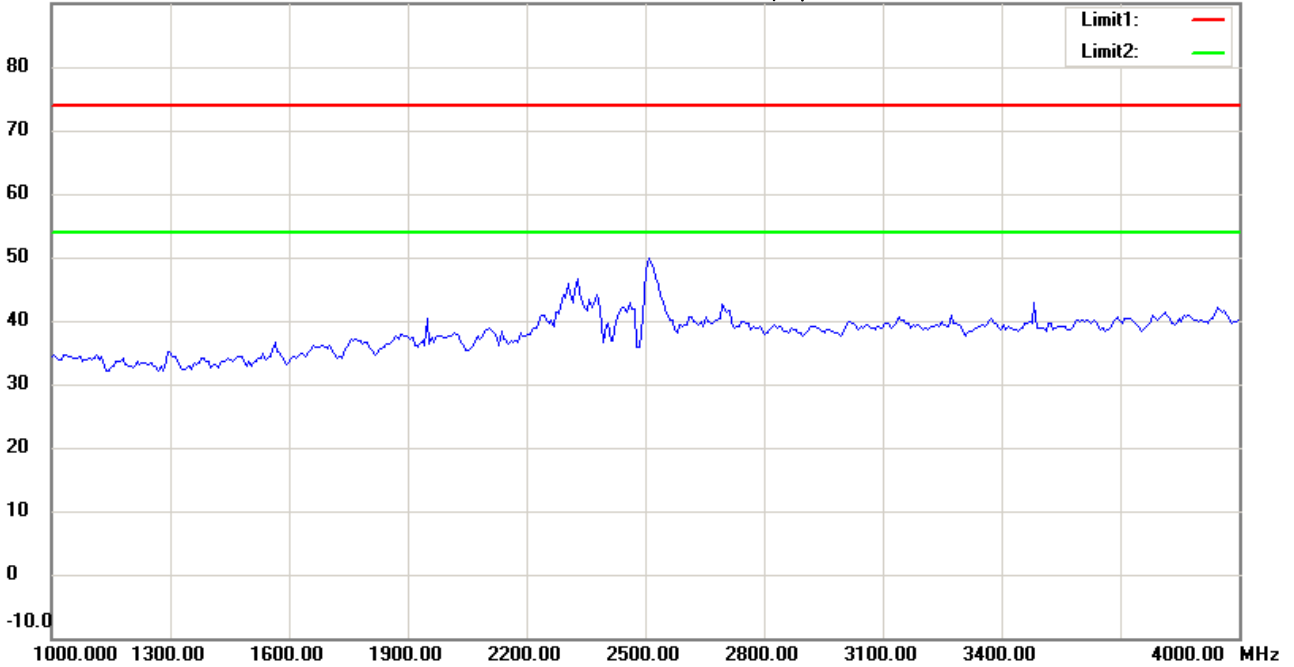
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:07:58

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

Note :

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

Operator: Leon

File :3

Data :#2

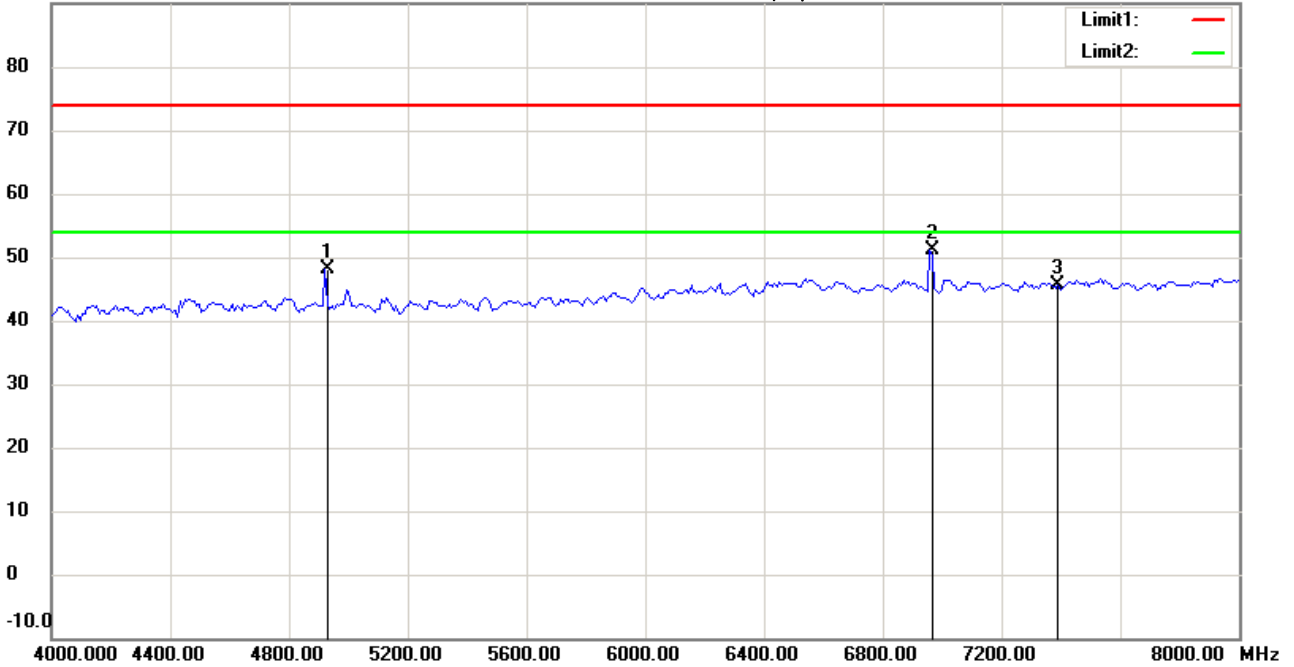
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:05:59

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4921.844	47.45	peak	0.80	48.25	74.00	100	190	-25.75	
*	6957.916	45.81	peak	5.21	51.02	74.00	100	240	-22.98	
	7386.000	40.88	peak	4.71	45.59	74.00	100	155	-28.41	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

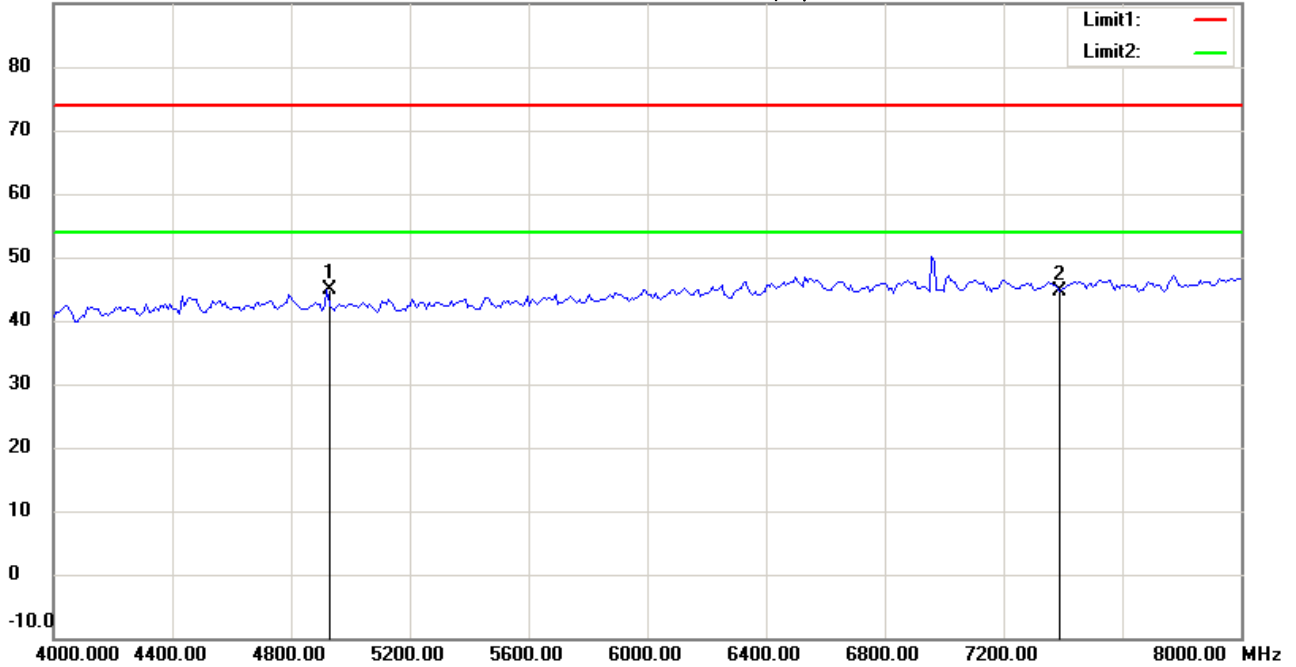
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:08:43

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4921.844	44.02	peak	0.80	44.82	74.00	100	210	-29.18	
	7386.000	39.80	peak	4.71	44.51	74.00	100	245	-29.49	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

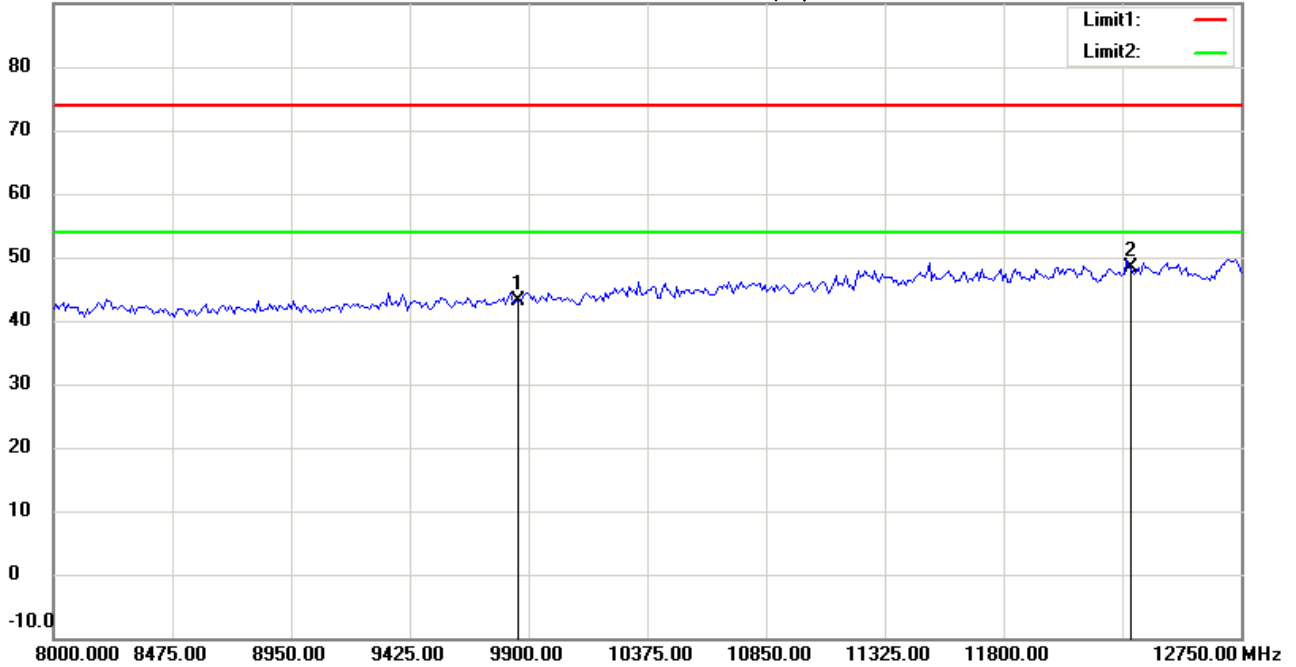
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:06:50

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9848.000	35.10	peak	7.96	43.06	74.00	100	230	-30.94	
*	12310.000	34.80	peak	13.60	48.40	74.00	100	175	-25.60	





Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

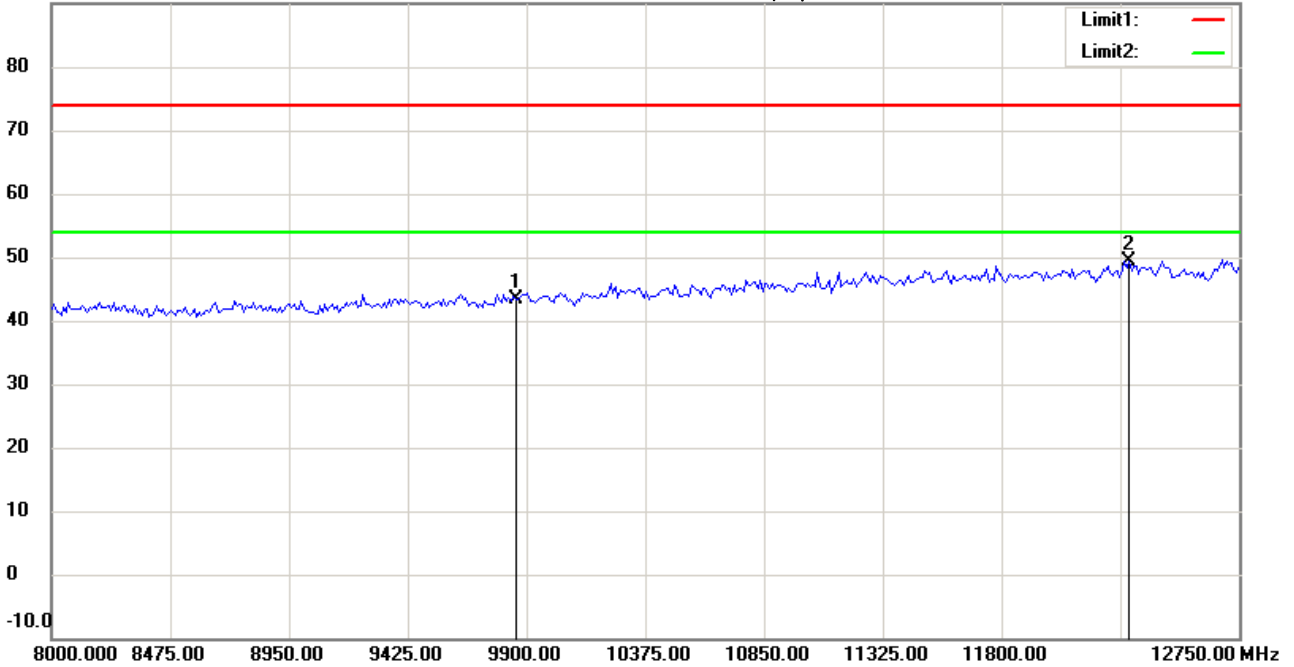
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:09:28

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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	35.35	peak	7.96	43.31	74.00	100	210	-30.69	
*	12310.000	35.72	peak	13.60	49.32	74.00	100	175	-24.68	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

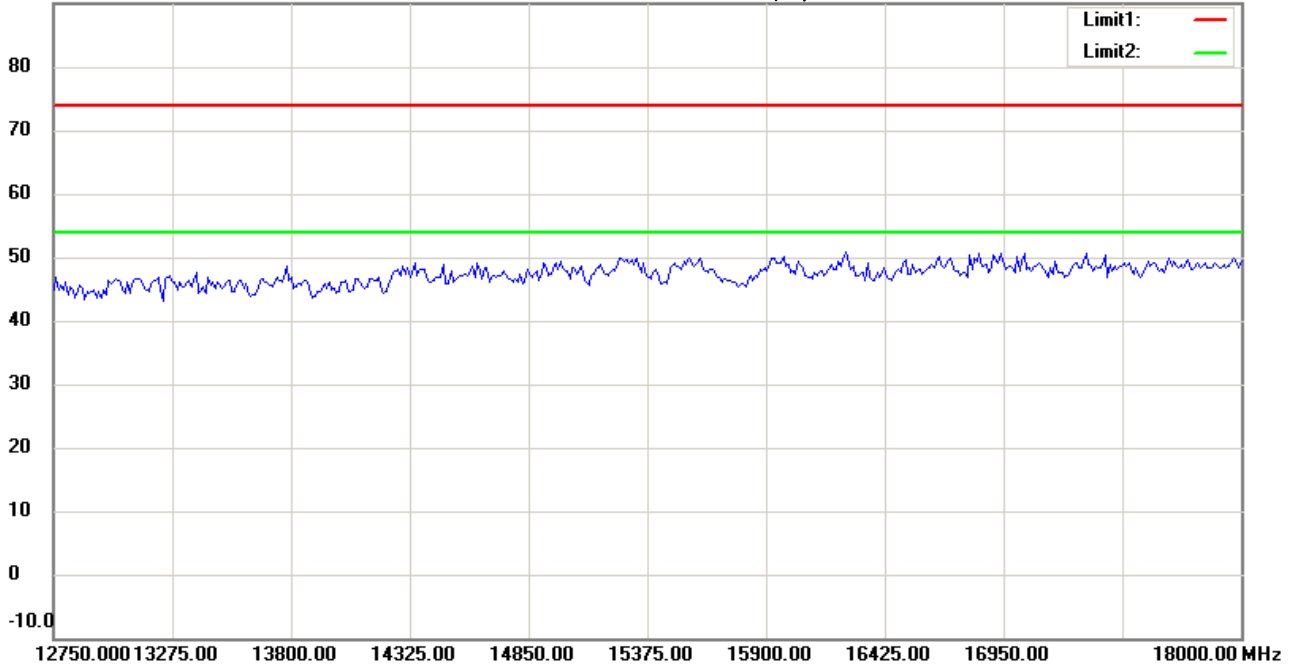
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:07:03

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH11

Note :

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

Operator: Leon

File :3

Data :#9

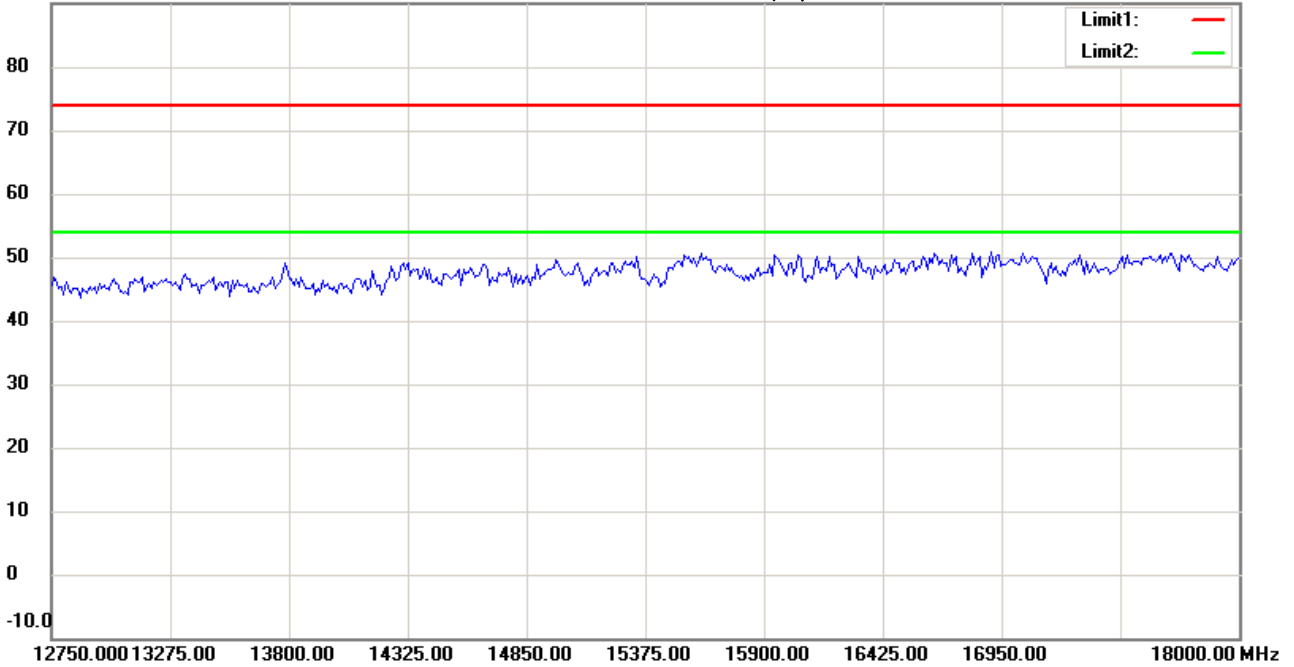
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:09:41

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

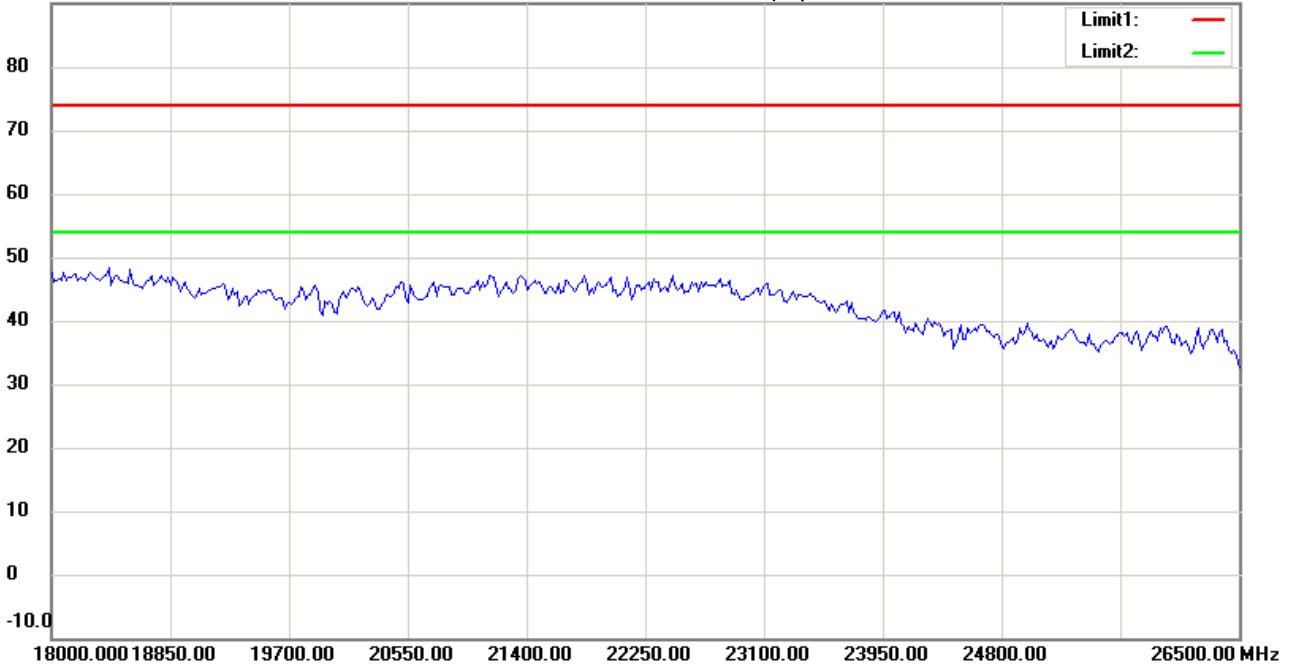
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:07:13

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :3

Data :#10

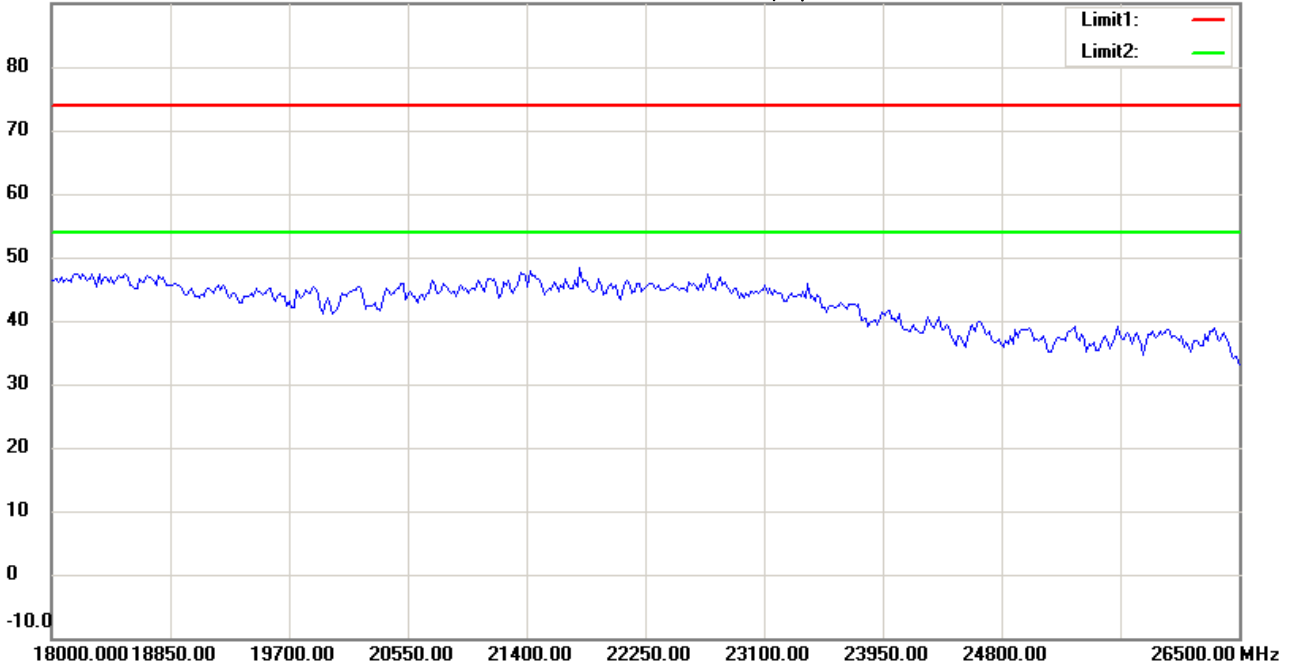
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:09:51

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11b CH11

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

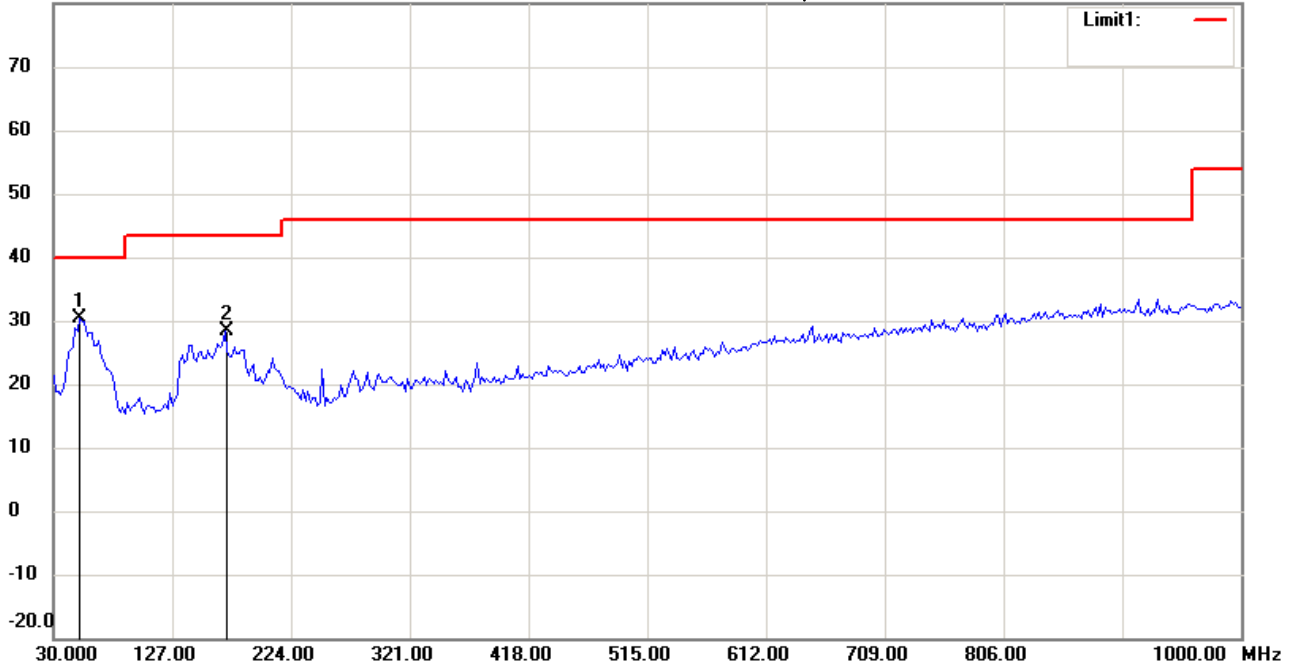
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:16:22

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3828	16.05	peak	14.41	30.46	40.00	100	35	-9.54	
	169.9600	13.23	peak	15.09	28.32	43.50	100	60	-15.18	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

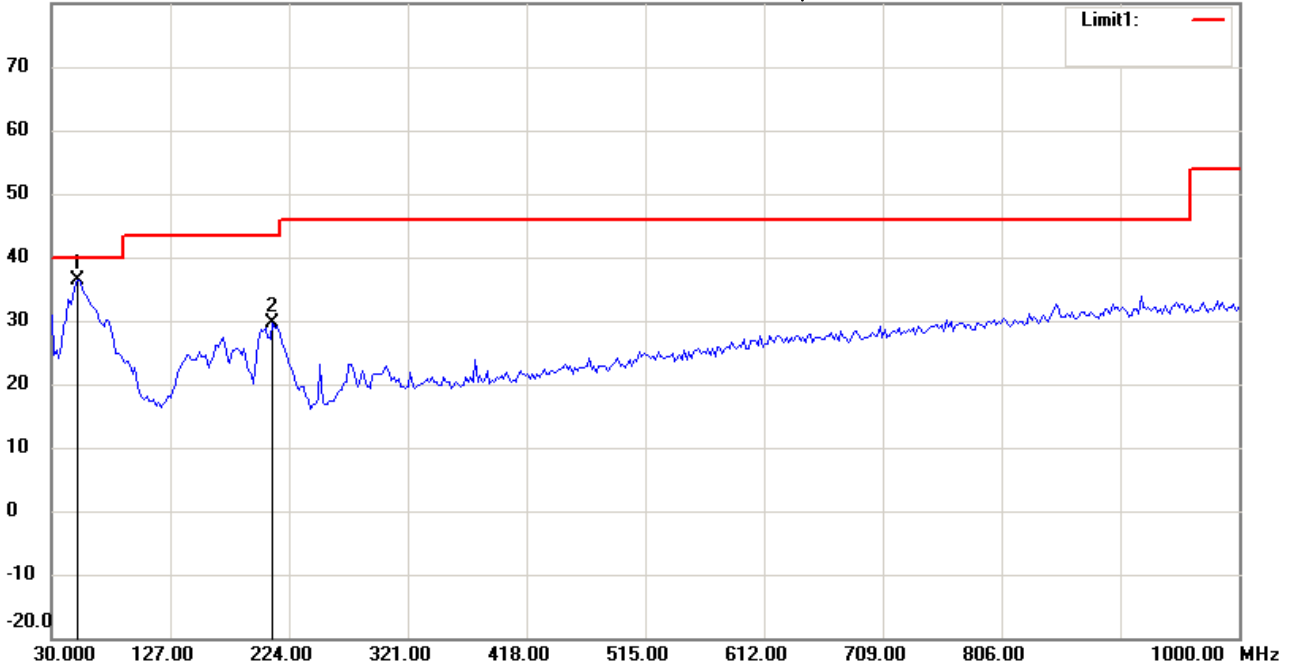
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:17:07

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3828	22.08	peak	14.41	36.49	40.00	100	85	-3.51	
	210.7816	16.62	peak	13.01	29.63	43.50	100	110	-13.87	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

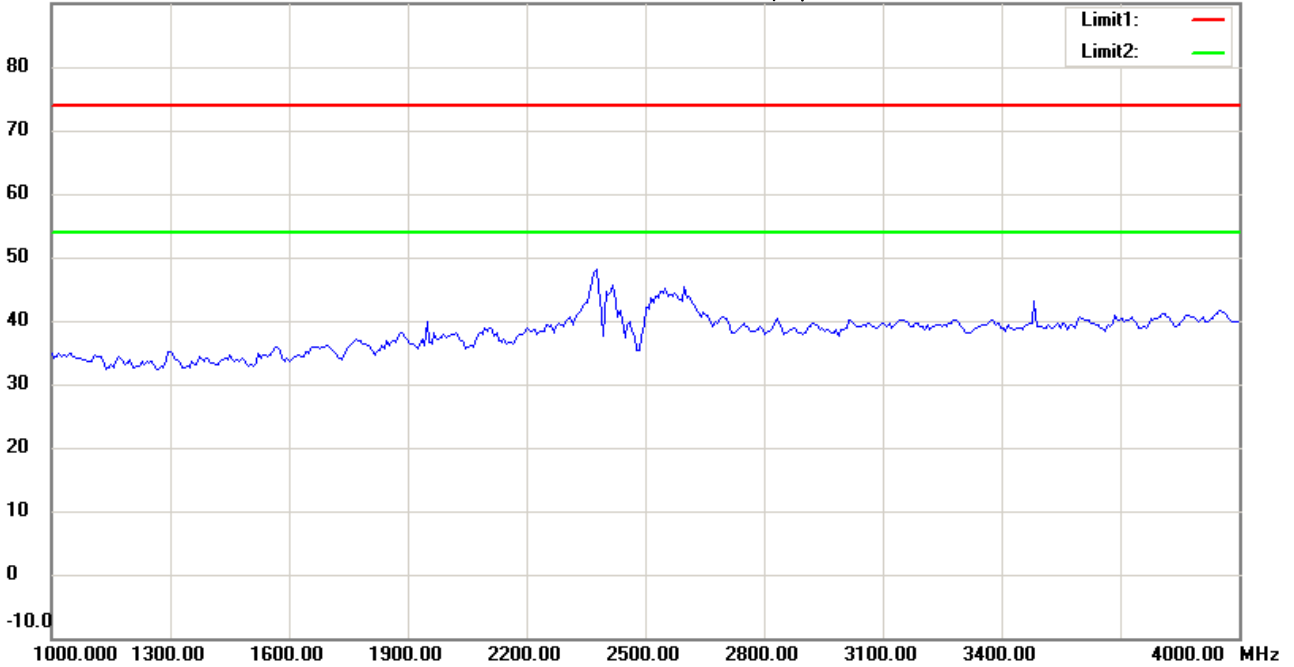
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:43:26

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Leon

File :3

Data :#6

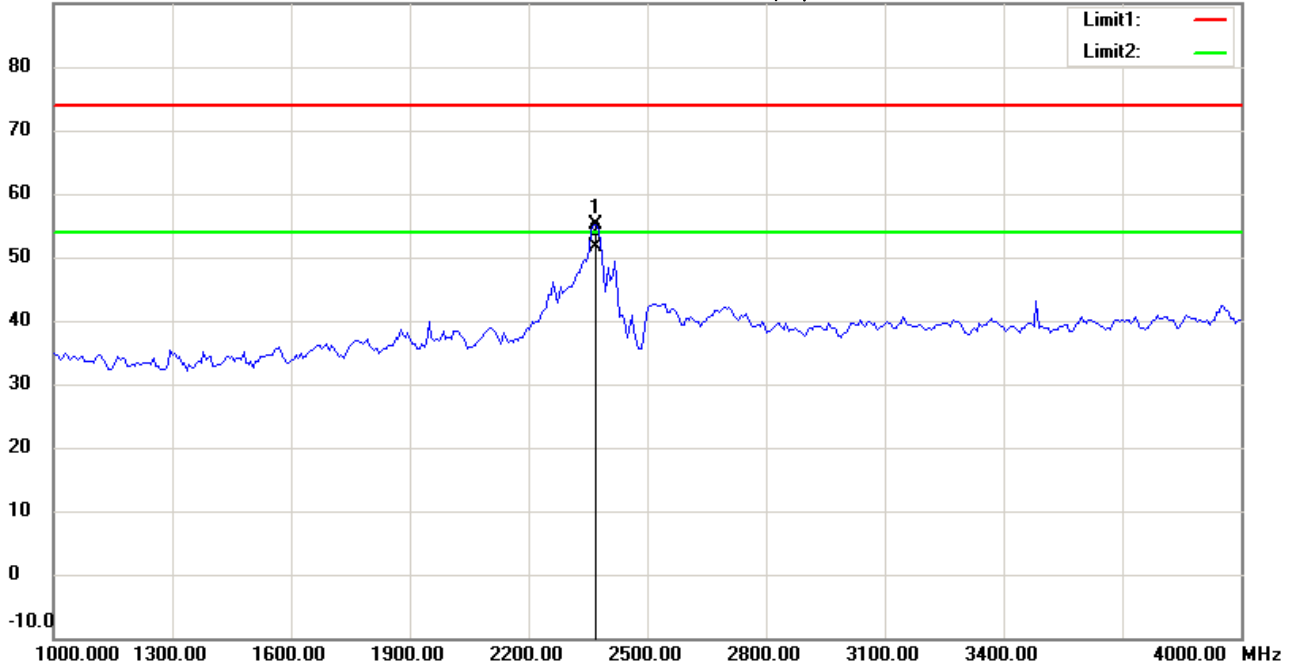
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:46:10

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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
	2367.175	60.06	peak	-4.86	55.20	74.00	100	360	-18.80	
*	2367.175	56.52	AVG	-4.86	51.66	54.00	100	360	-2.34	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#2

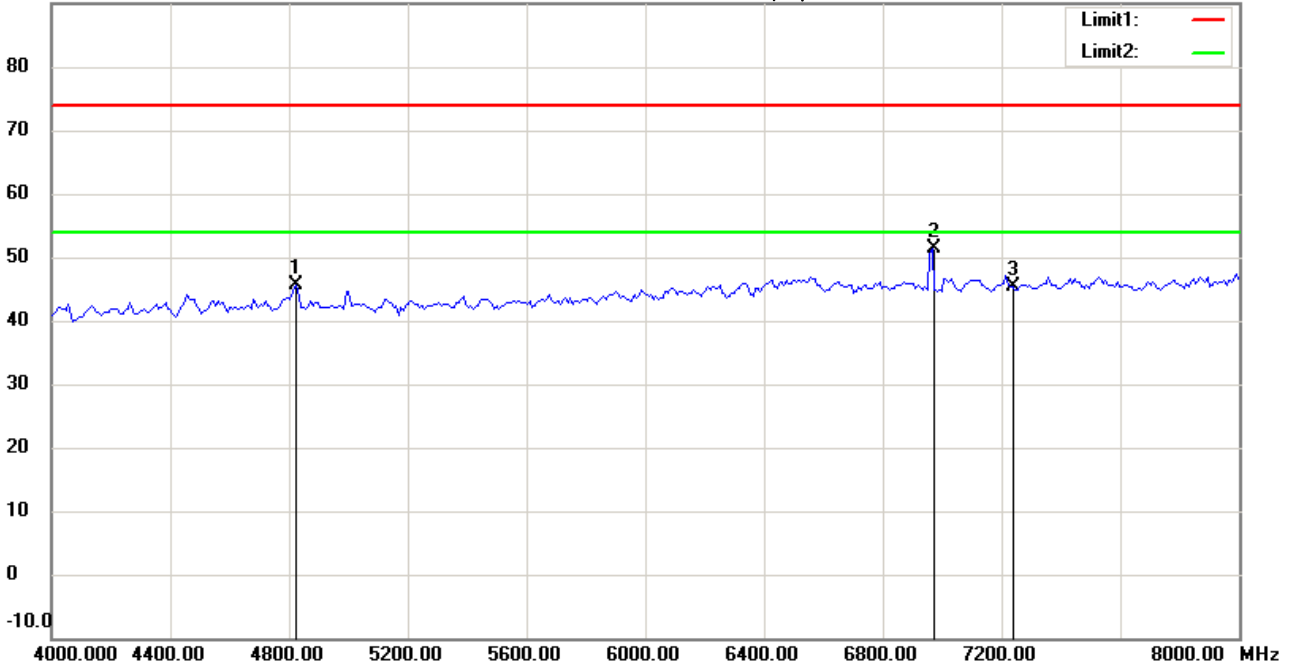
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:44:11

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4825.651	44.93	peak	0.69	45.62	74.00	100	215	-28.38	
*	6965.932	46.13	peak	5.13	51.26	74.00	100	175	-22.74	
	7236.000	41.20	peak	4.30	45.50	74.00	100	240	-28.50	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

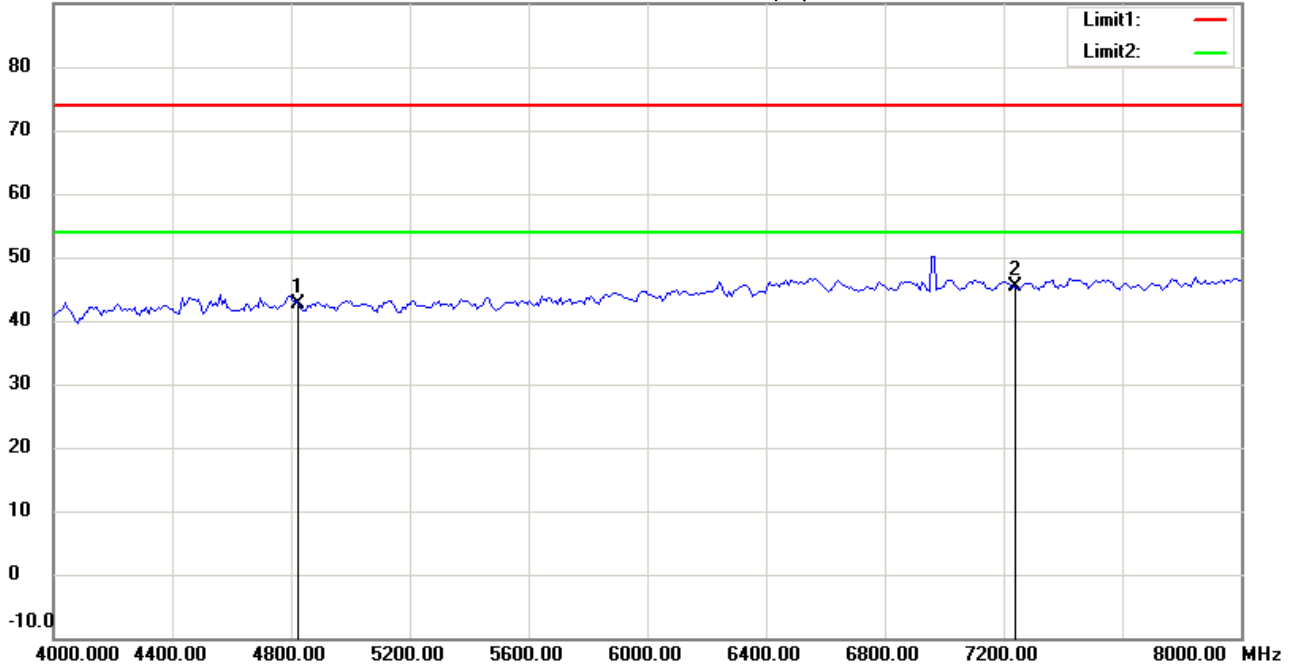
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:46:56

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4824.000	41.88	peak	0.68	42.56	74.00	150	230	-31.44	
*	7236.000	40.99	peak	4.30	45.29	74.00	150	150	-28.71	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

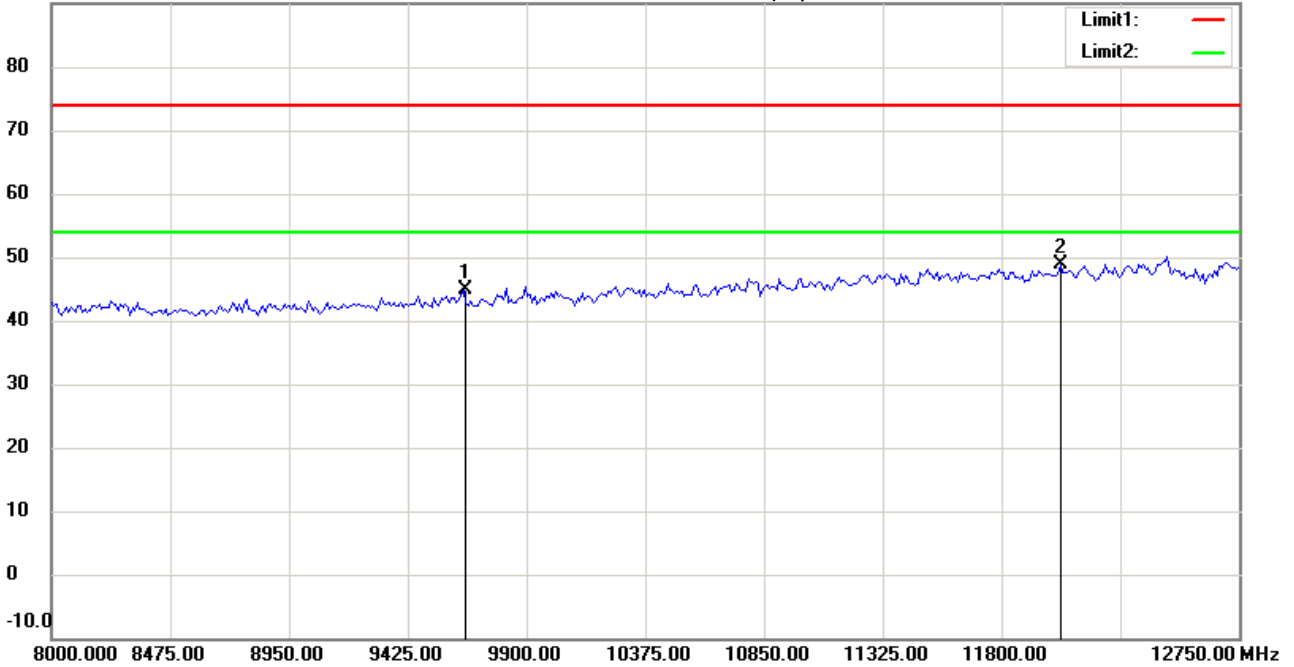
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:45:02

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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
	9646.794	37.32	peak	7.46	44.78	74.00	100	175	-29.22	
*	12036.072	35.86	peak	13.05	48.91	74.00	100	110	-25.09	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

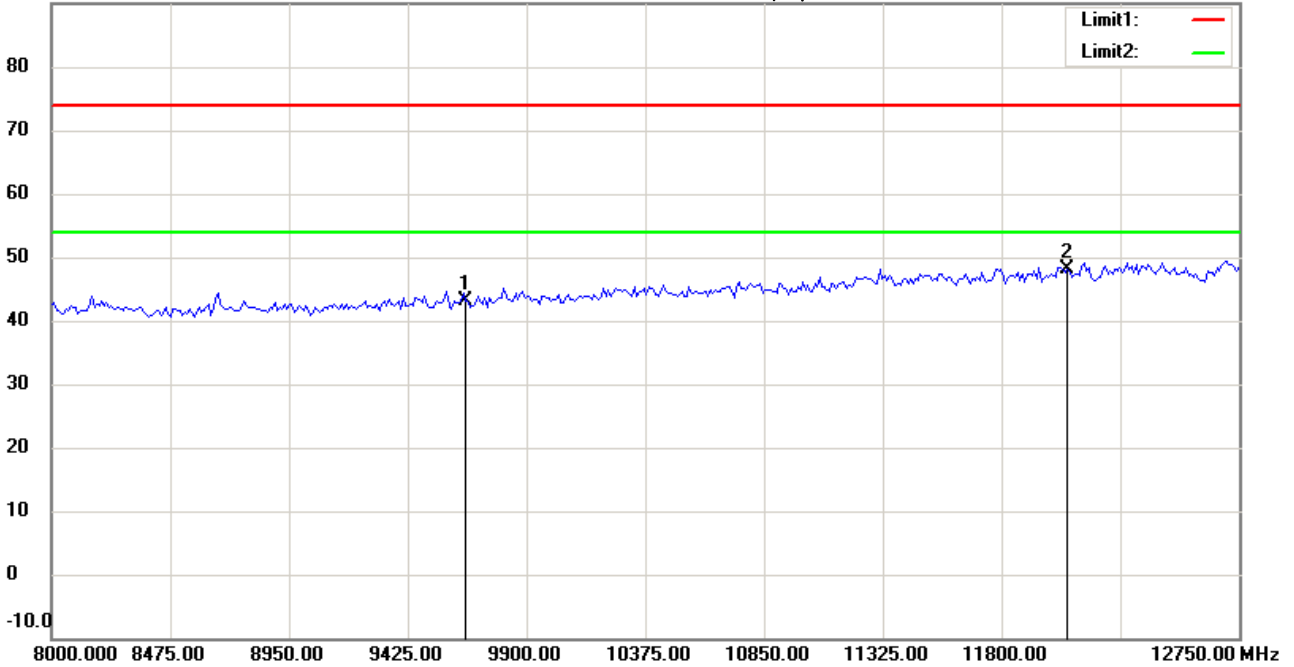
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:47:40

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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	35.68	peak	7.46	43.14	74.00	150	170	-30.86	
*	12060.000	34.93	peak	13.20	48.13	74.00	150	250	-25.87	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

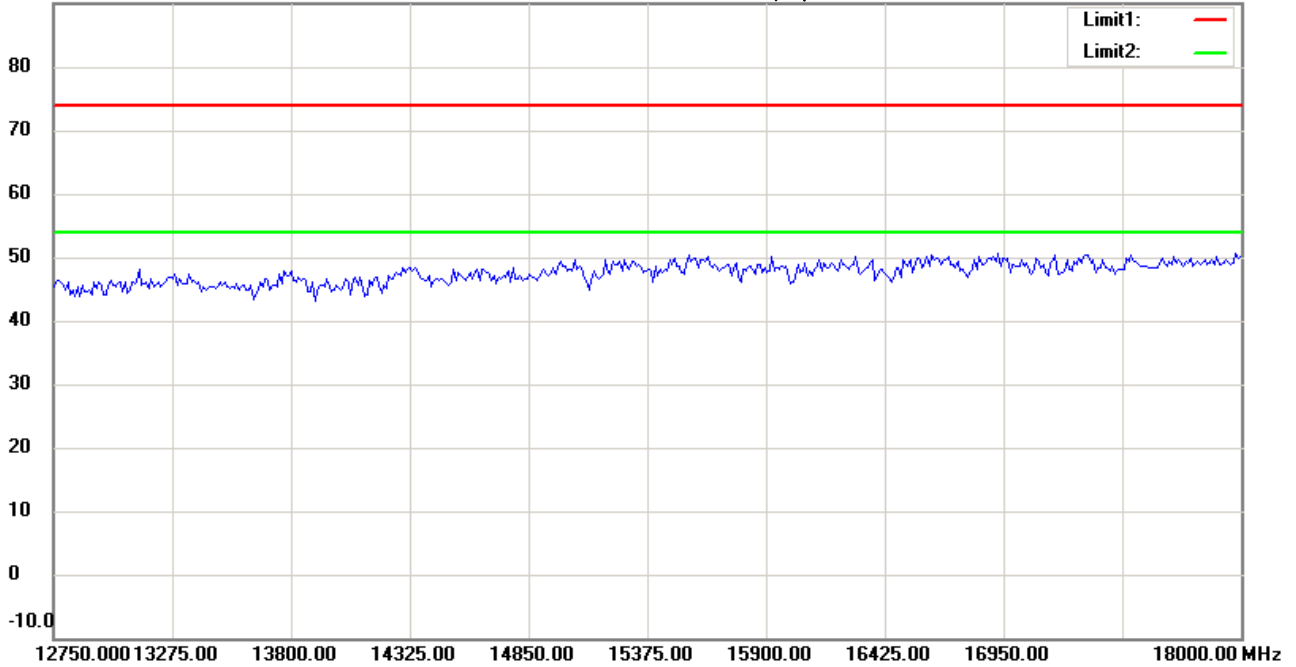
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:45:16

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

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

Operator: Leon

File :3

Data :#9

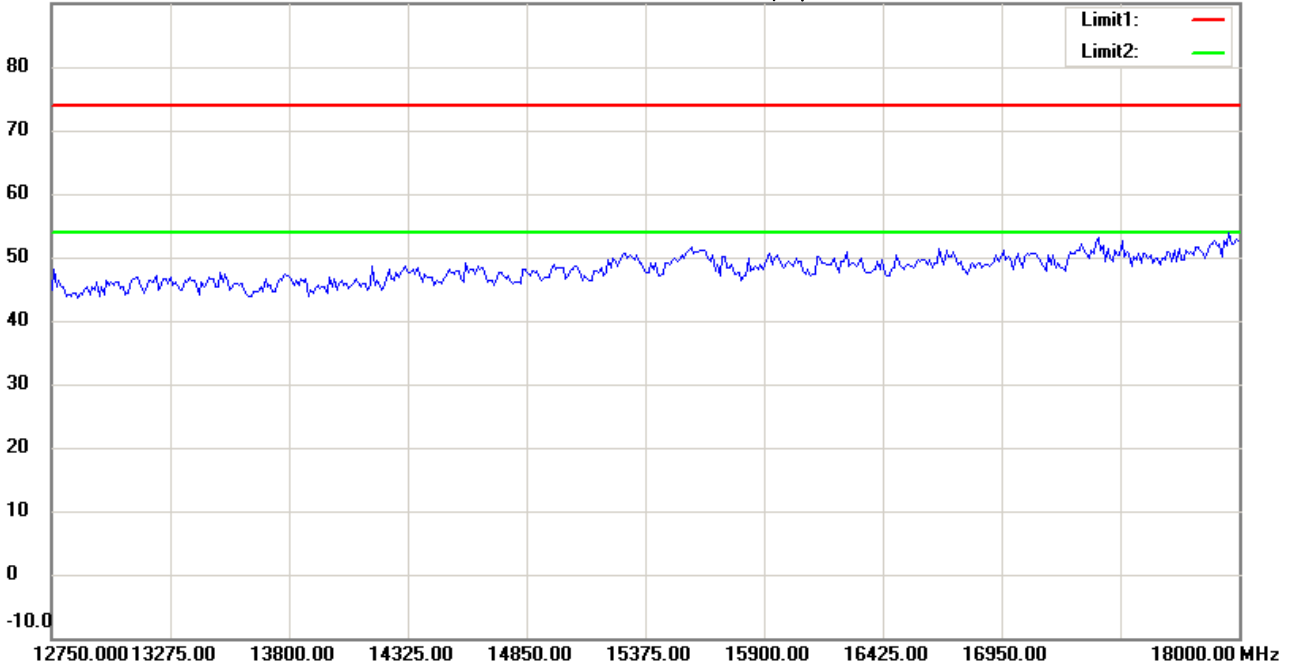
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:47:54

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

Note :

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

Operator: Leon

File :3

Data :#5

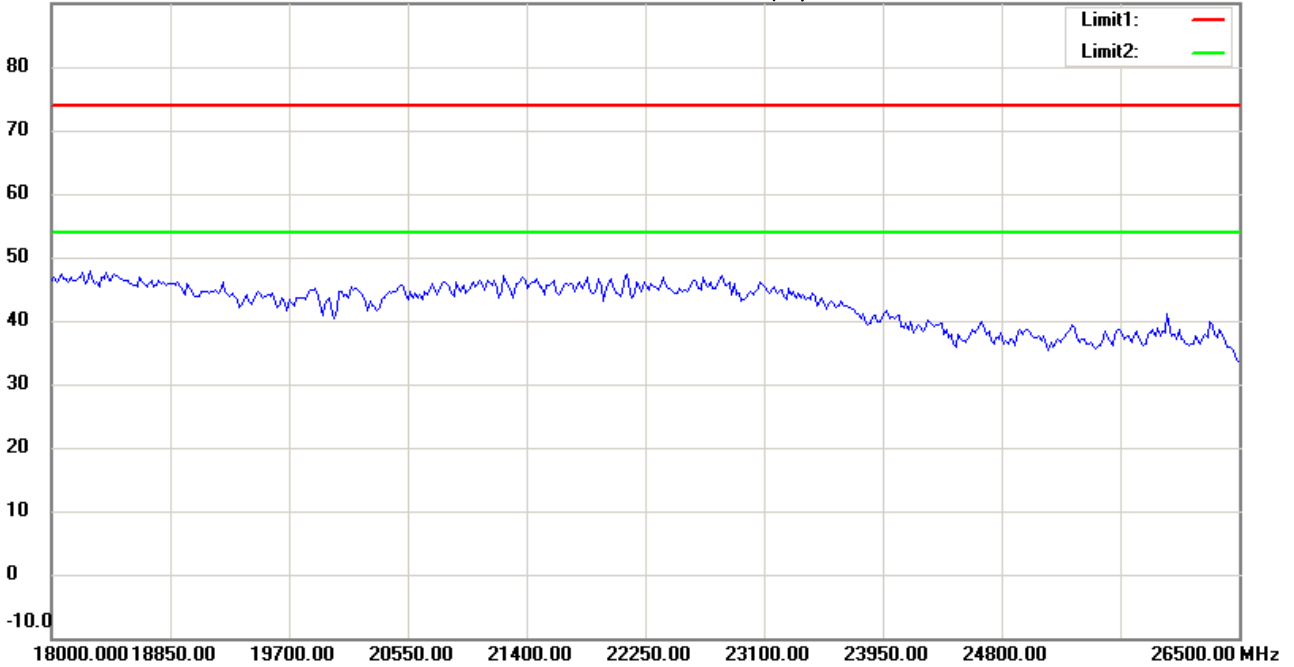
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:45:25

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Leon

File :3

Data :#10

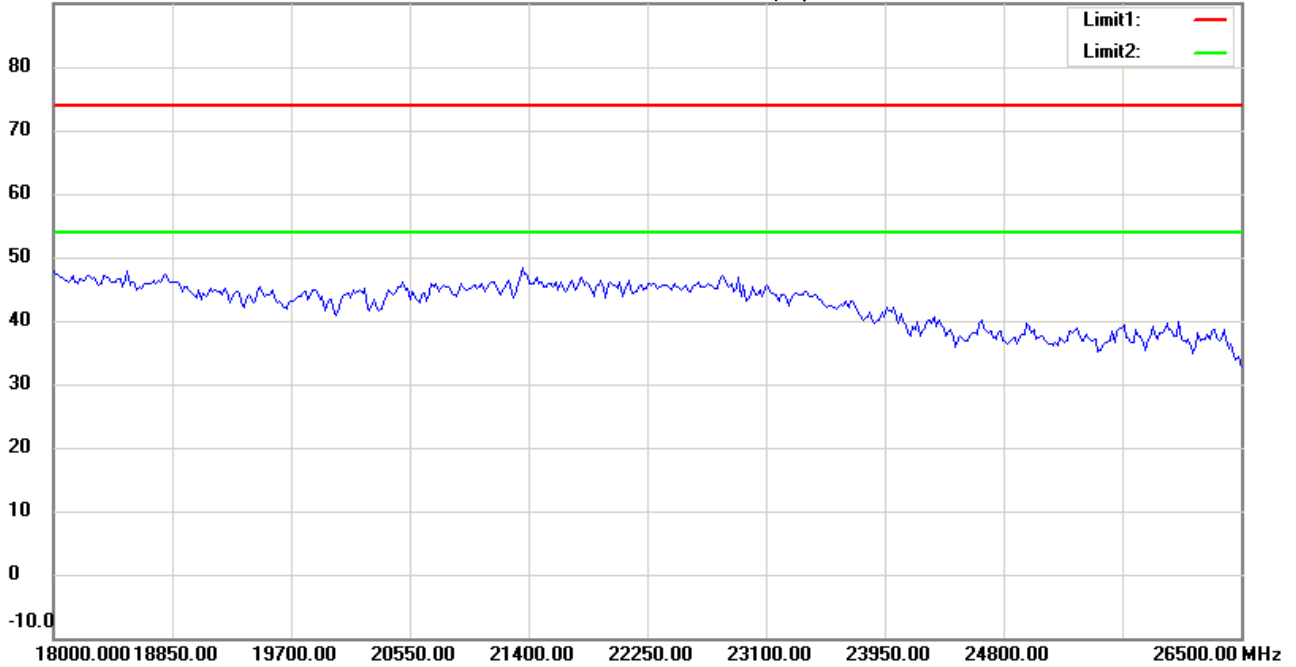
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:48:04

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH1

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

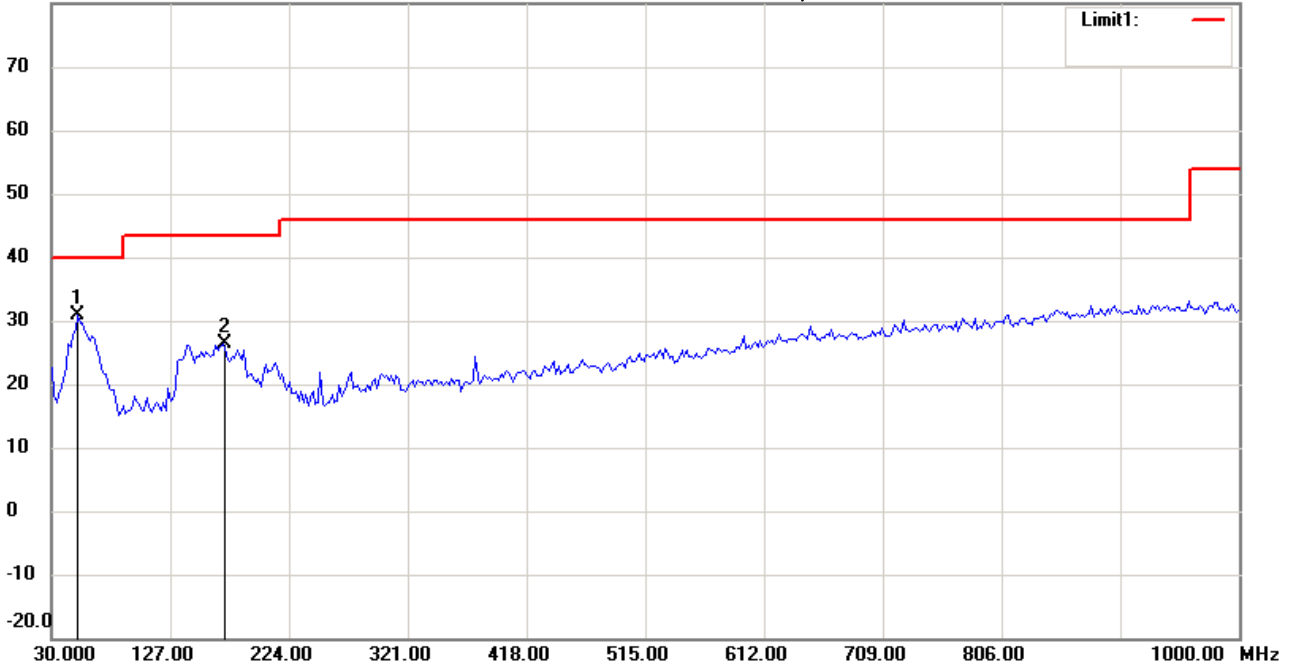
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:18:29

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3828	16.41	peak	14.41	30.82	40.00	100	95	-9.18	
	169.9600	11.33	peak	15.09	26.42	43.50	100	145	-17.08	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

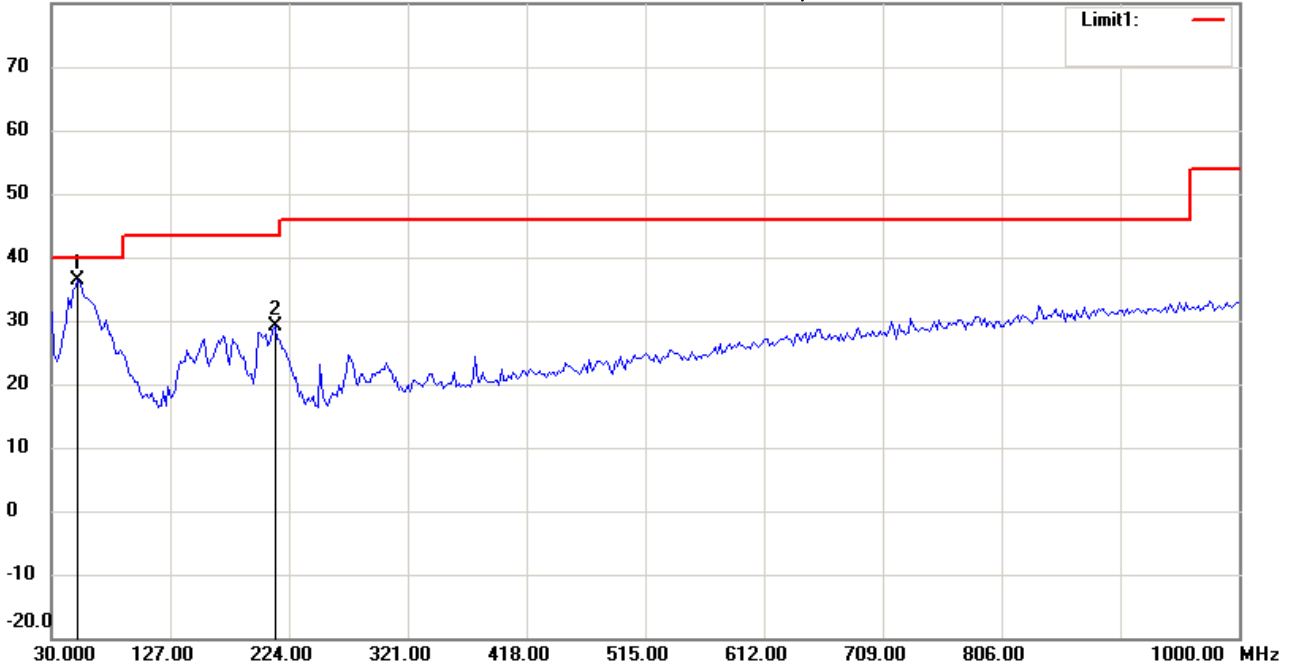
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:19:14

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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
*	51.3828	22.01	peak	14.41	36.42	40.00	100	55	-3.58	
	212.7255	15.96	peak	13.15	29.11	43.50	100	120	-14.39	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

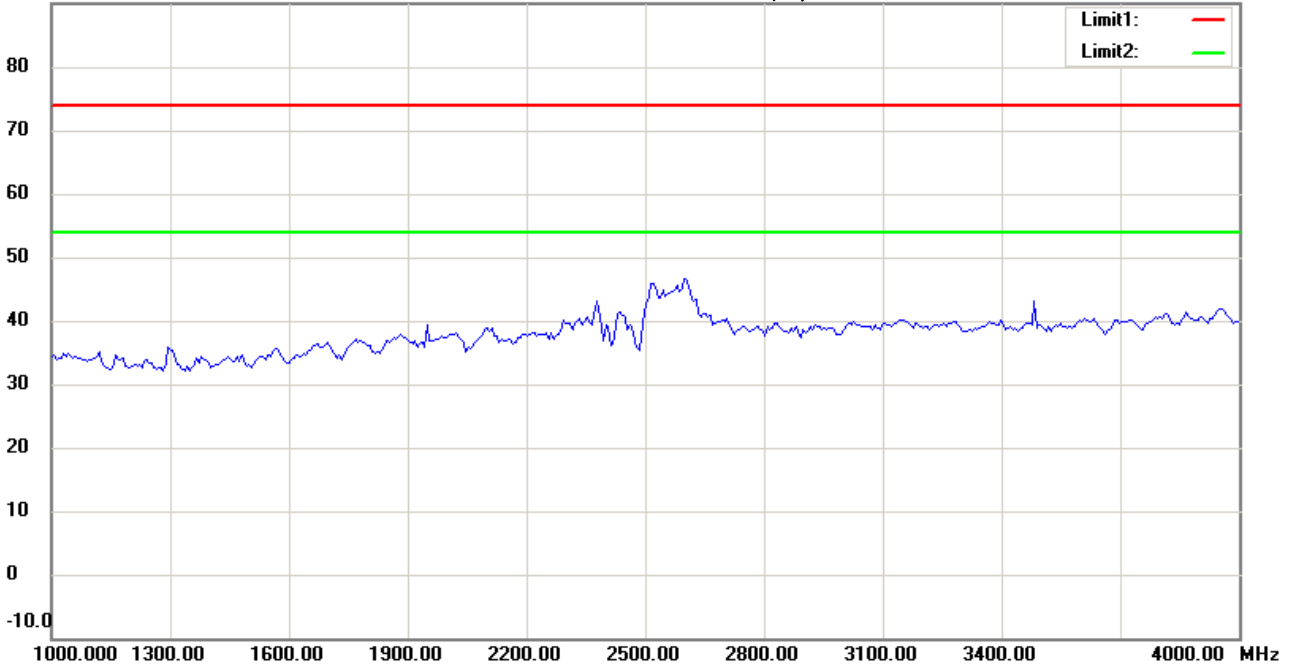
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:29:44

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Leon

File :3

Data :#6

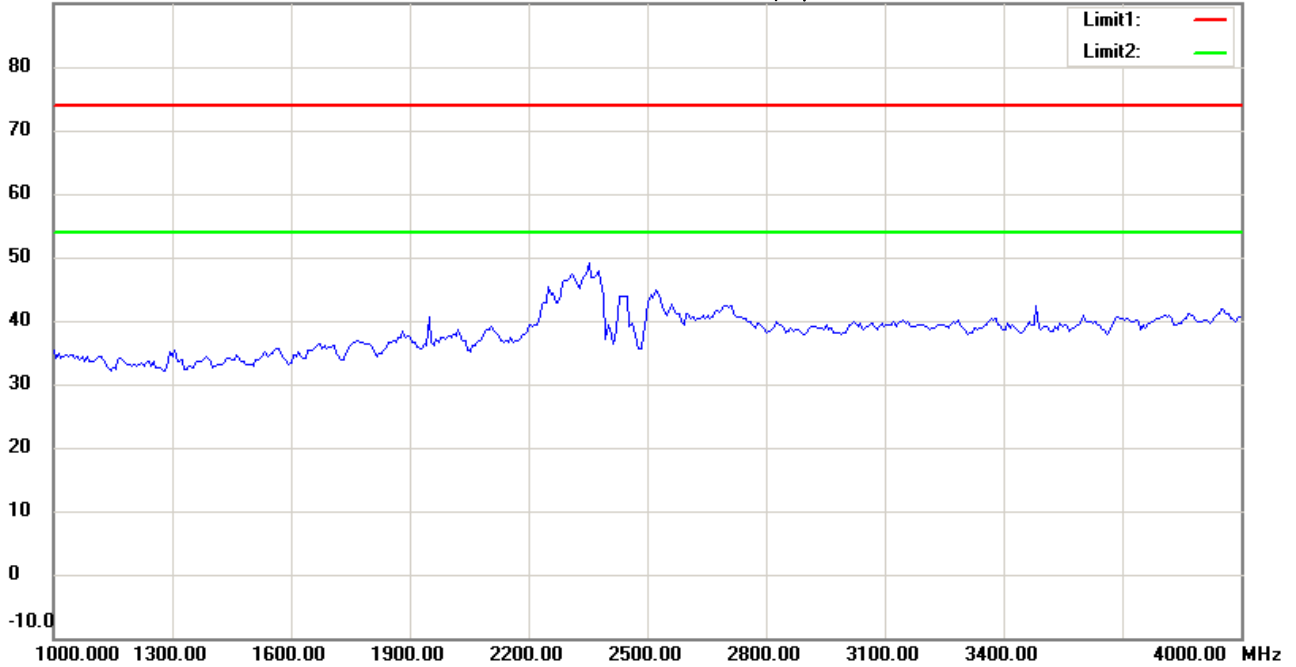
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:32:29

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :3

Data :#2

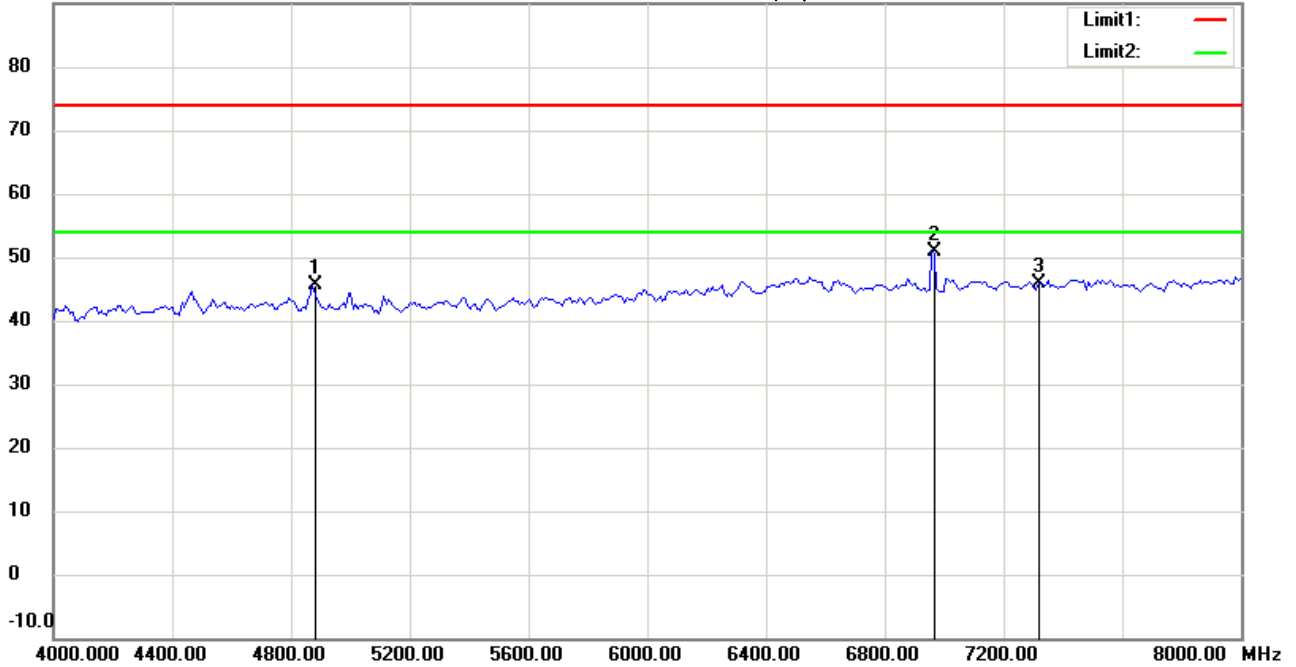
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:30:30

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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
	4873.748	44.81	peak	0.73	45.54	74.00	100	190	-28.46	
*	6957.916	45.69	peak	5.21	50.90	74.00	100	185	-23.10	
	7311.000	41.47	peak	4.39	45.86	74.00	100	245	-28.14	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

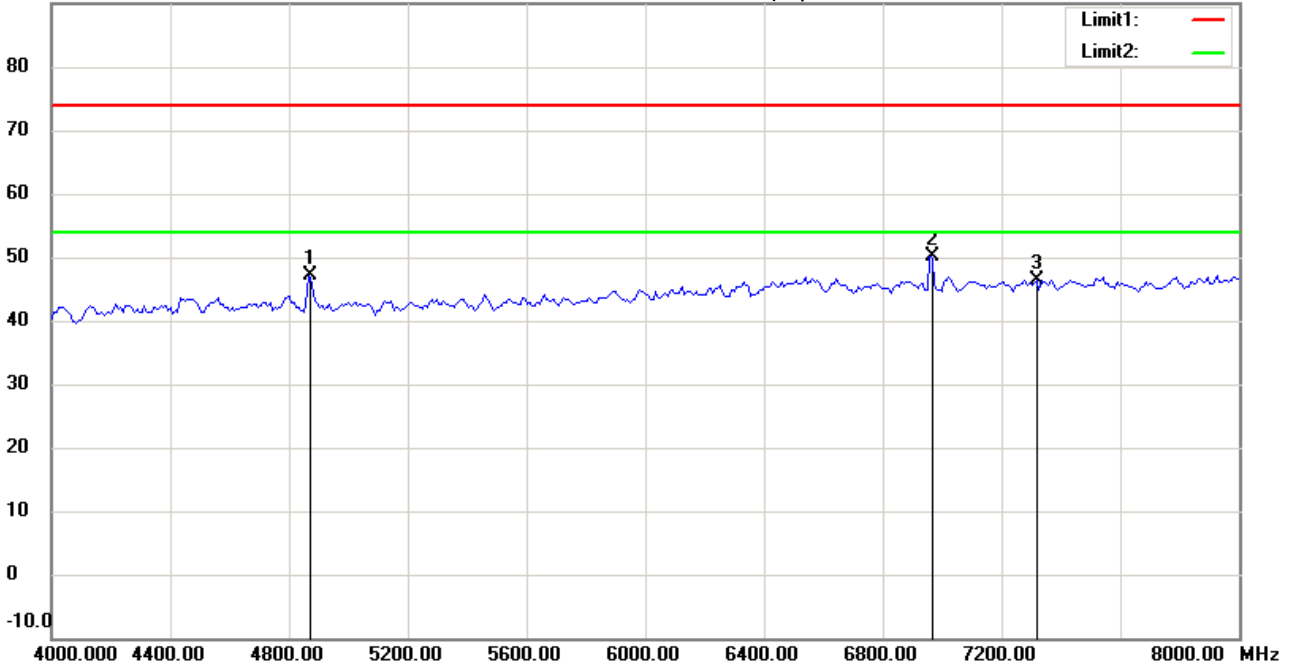
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:33:15

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4865.732	46.32	peak	0.73	47.05	74.00	100	210	-26.95	
*	6957.916	44.86	peak	5.21	50.07	74.00	100	180	-23.93	
	7311.000	42.01	peak	4.39	46.40	74.00	100	230	-27.60	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

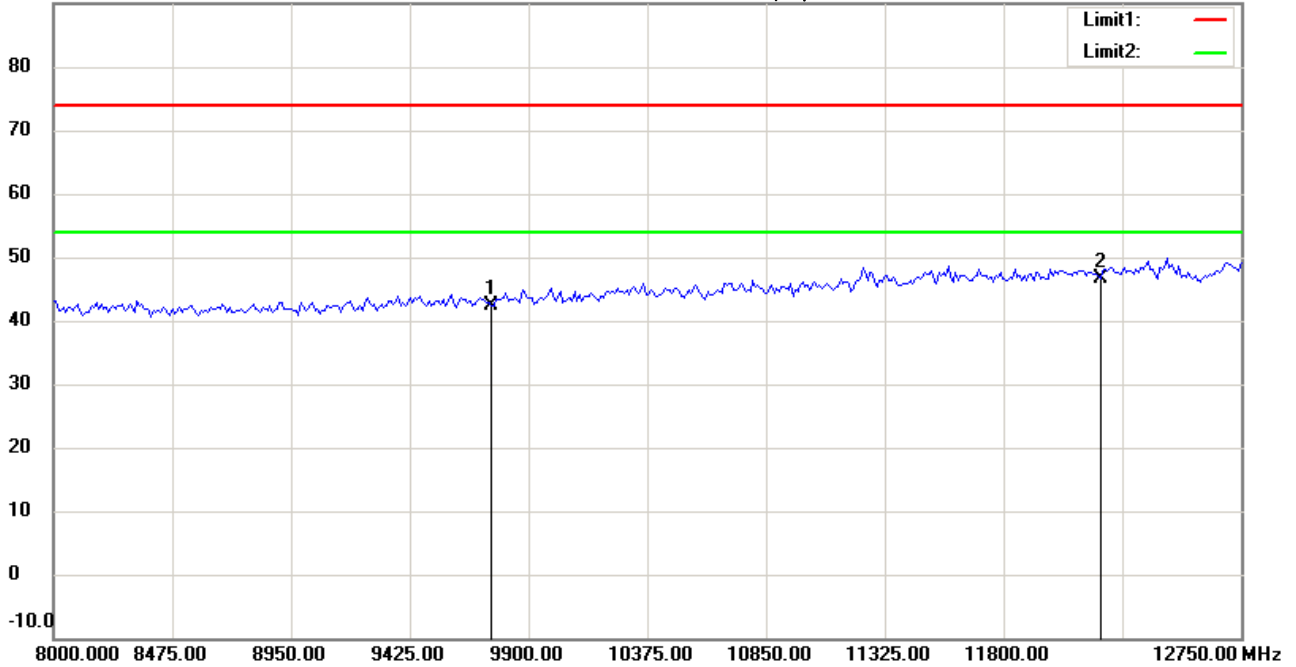
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:31:21

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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	34.70	peak	7.58	42.28	74.00	100	175	-31.72	
*	12185.000	32.94	peak	13.77	46.71	74.00	100	190	-27.29	





Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

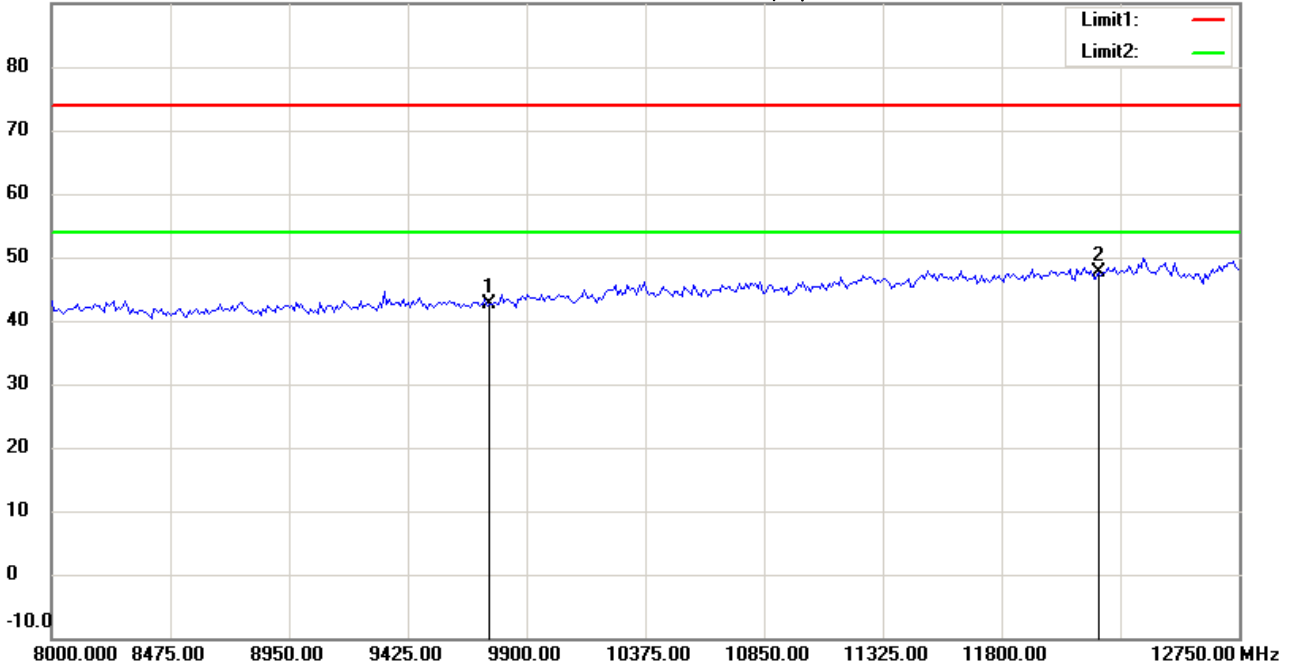
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:33:59

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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	34.98	peak	7.58	42.56	74.00	100	155	-31.44	
*	12185.000	33.87	peak	13.77	47.64	74.00	100	90	-26.36	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

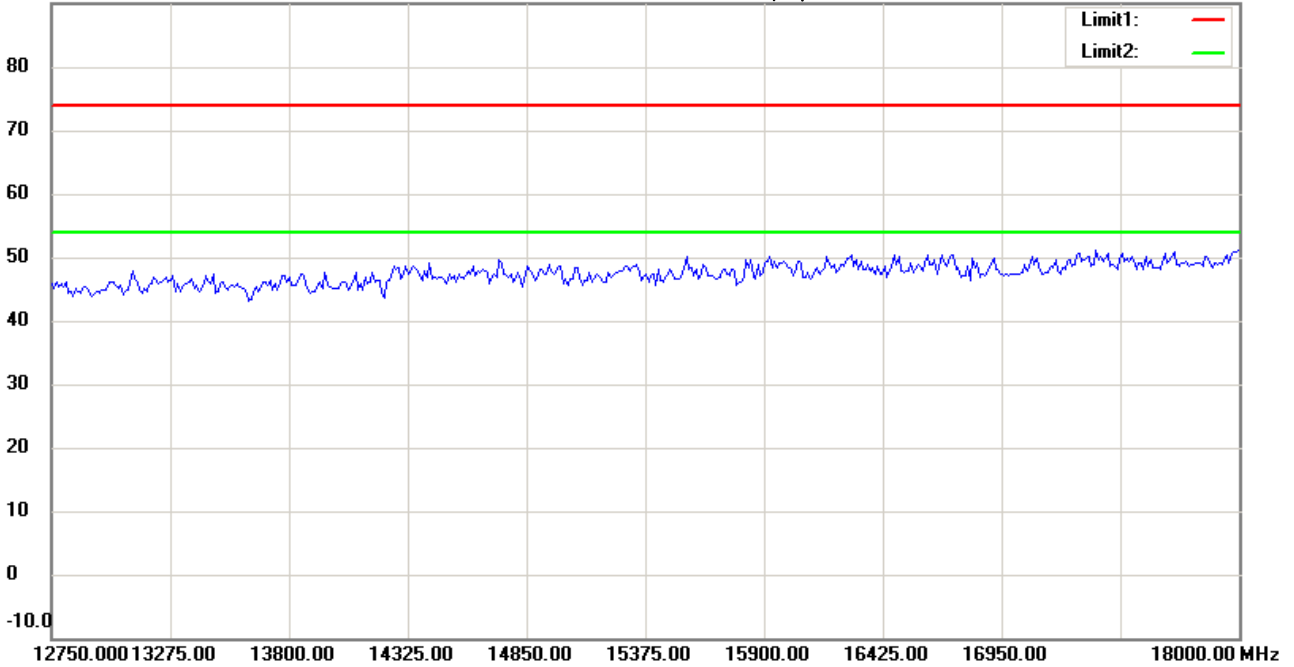
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:31:35

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

Note :

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

Operator: Leon

File :3

Data :#9

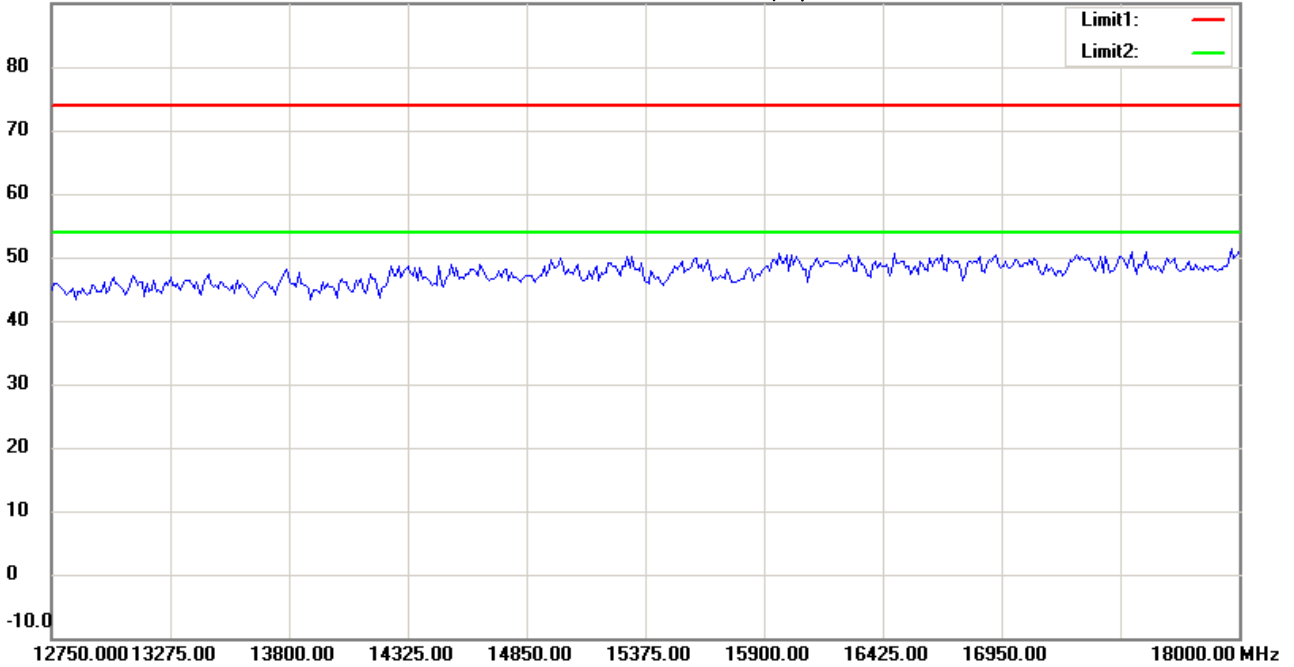
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:34:13

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

Note :

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

Operator: Leon

File :3

Data :#5

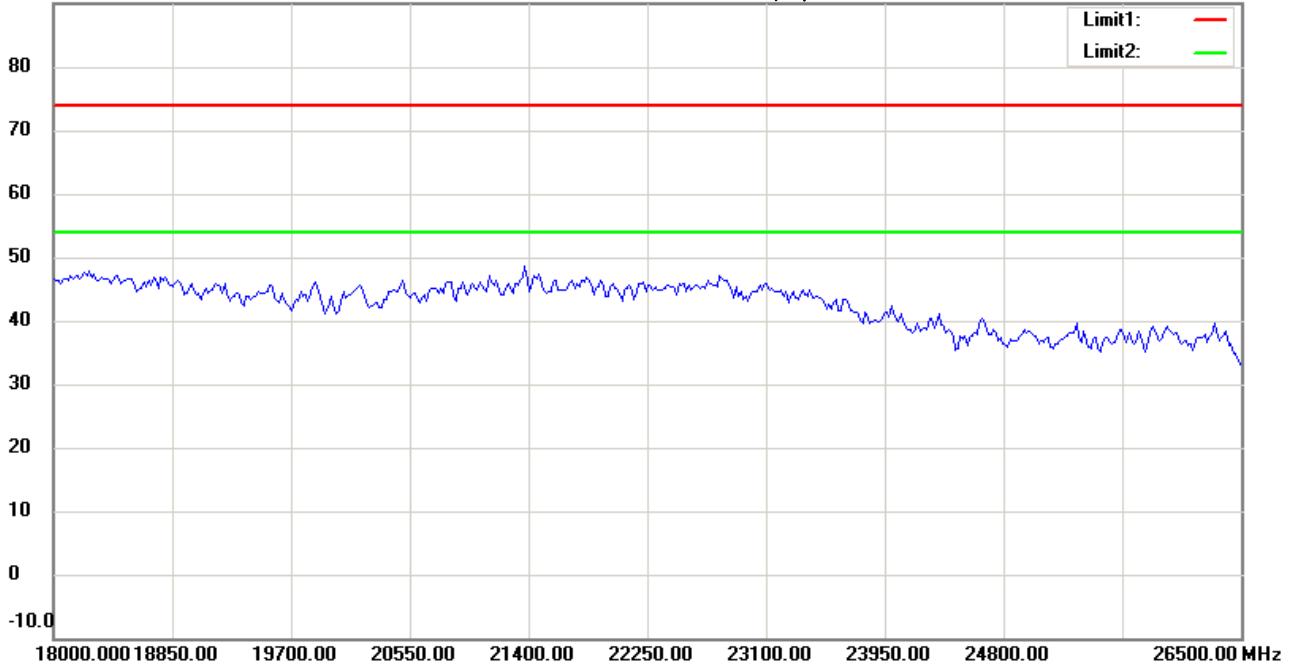
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:31:44

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Leon

File :3

Data :#10

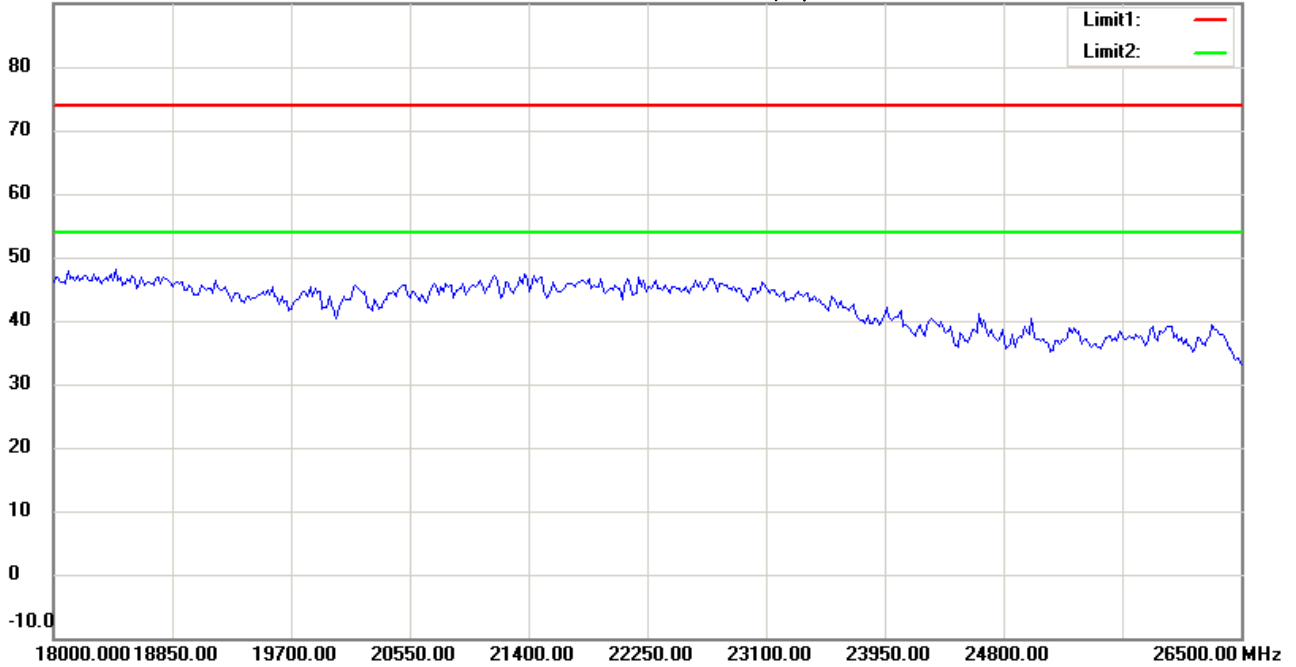
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:34:22

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH6

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

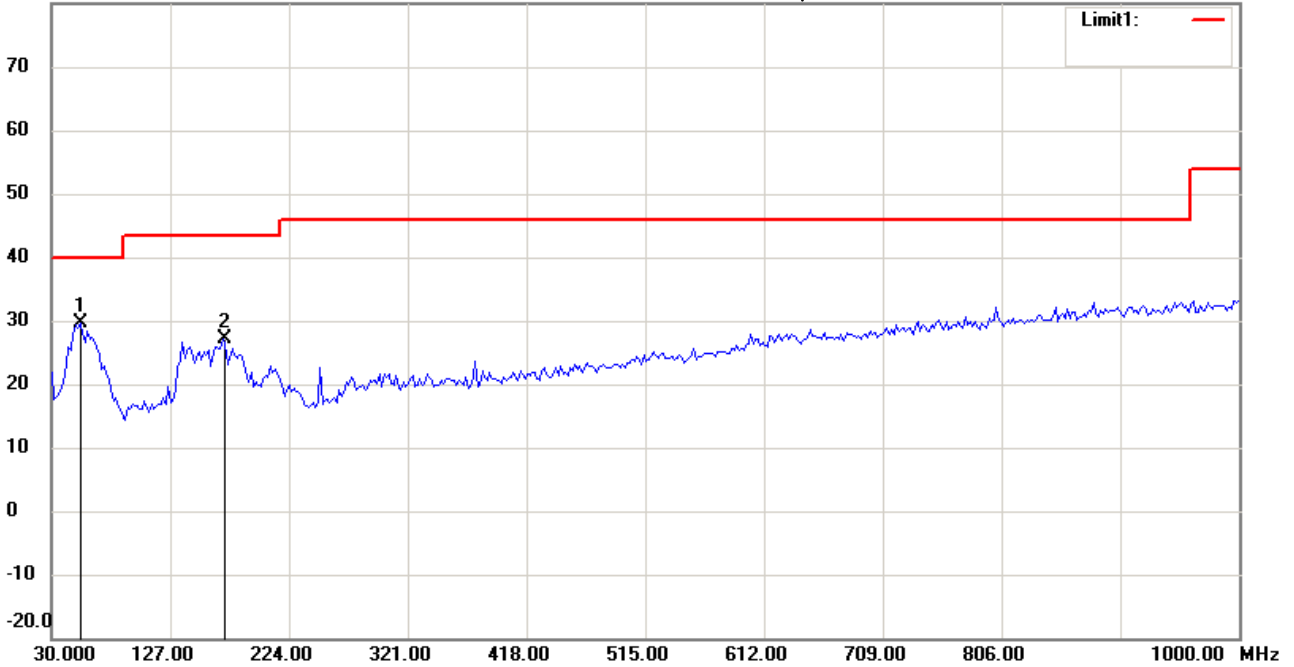
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:20:30

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	15.40	peak	14.12	29.52	40.00	100	125	-10.48	
	169.9600	12.07	peak	15.09	27.16	43.50	100	170	-16.34	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

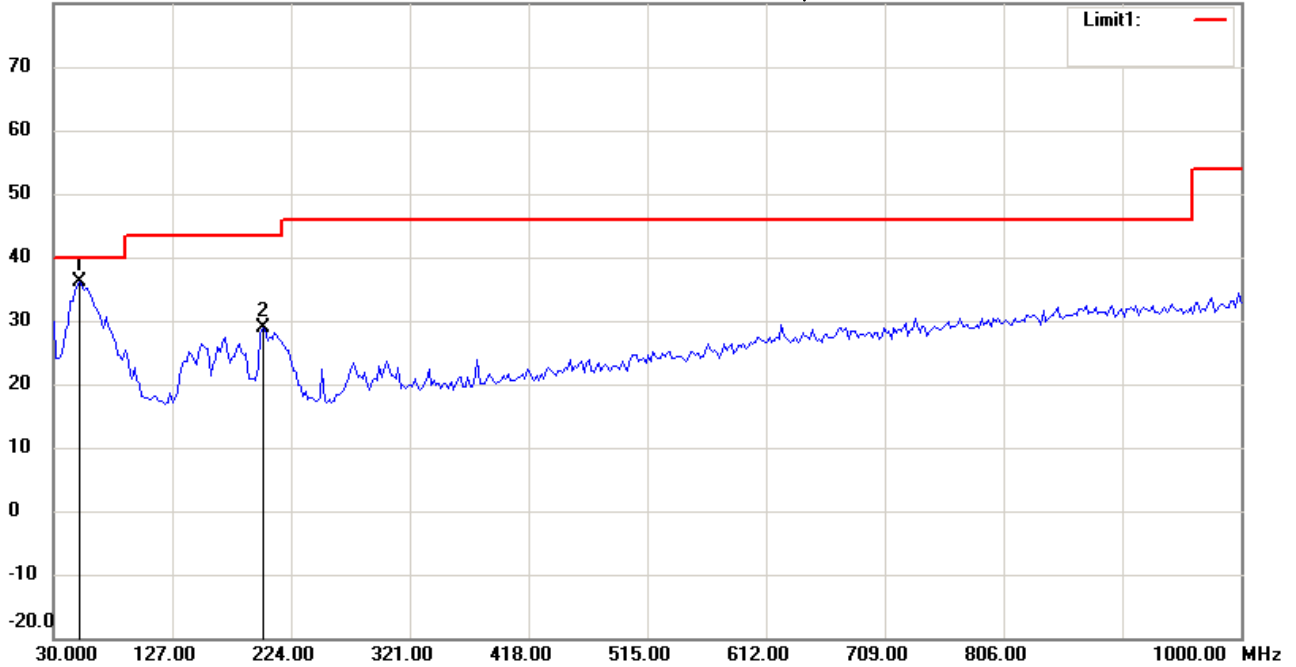
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:21:16

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3828	21.68	peak	14.41	36.09	40.00	100	45	-3.91	
	201.0621	16.75	peak	12.19	28.94	43.50	100	65	-14.56	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#1

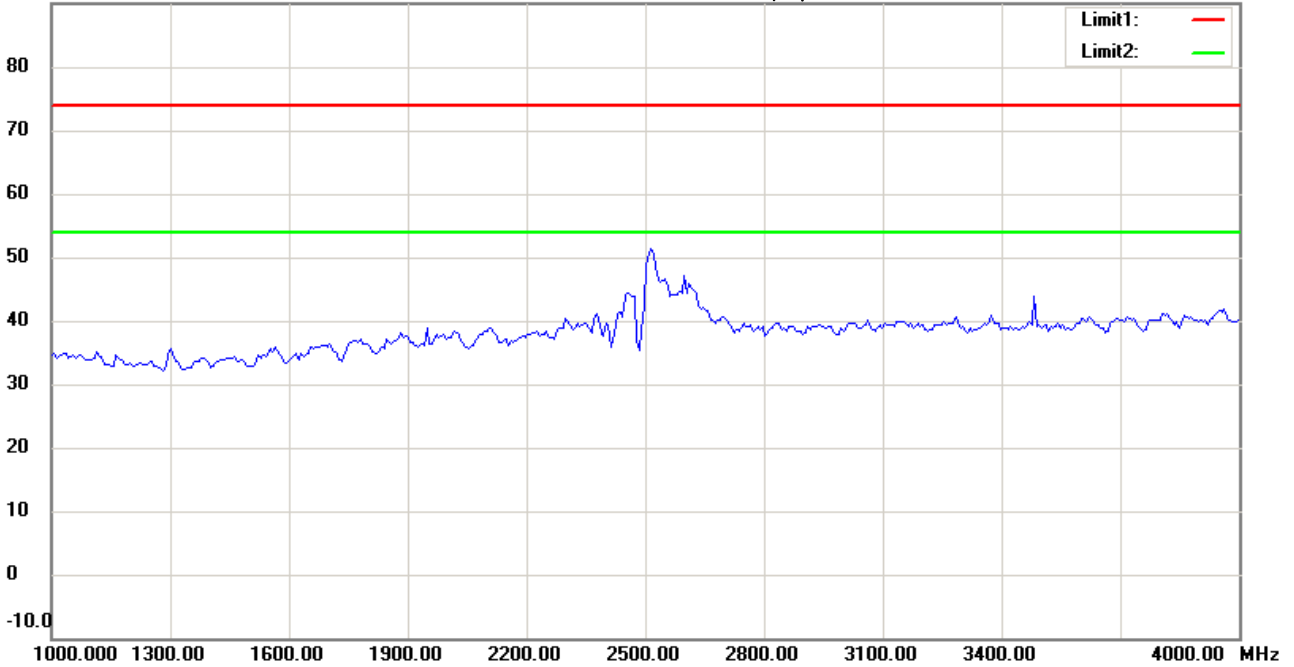
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:15:53

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

Note :

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

Operator: Leon

File :3

Data :#6

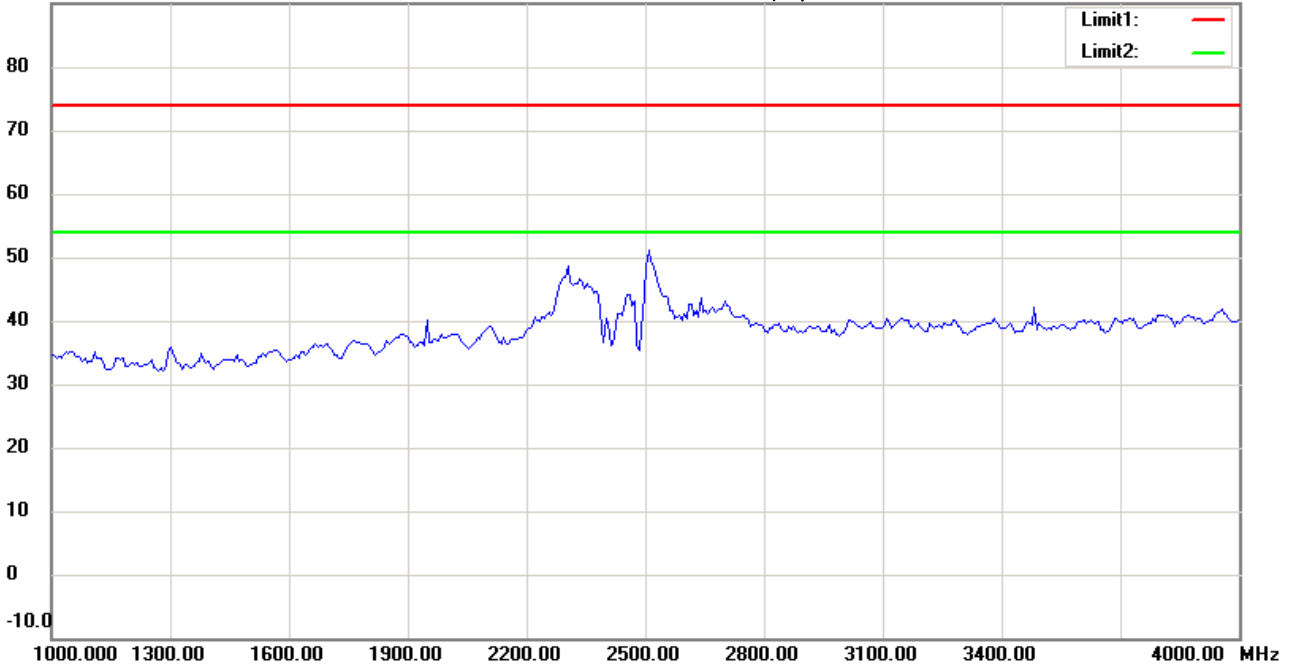
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:18:38

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

Note :

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

Operator: Leon

File :3

Data :#2

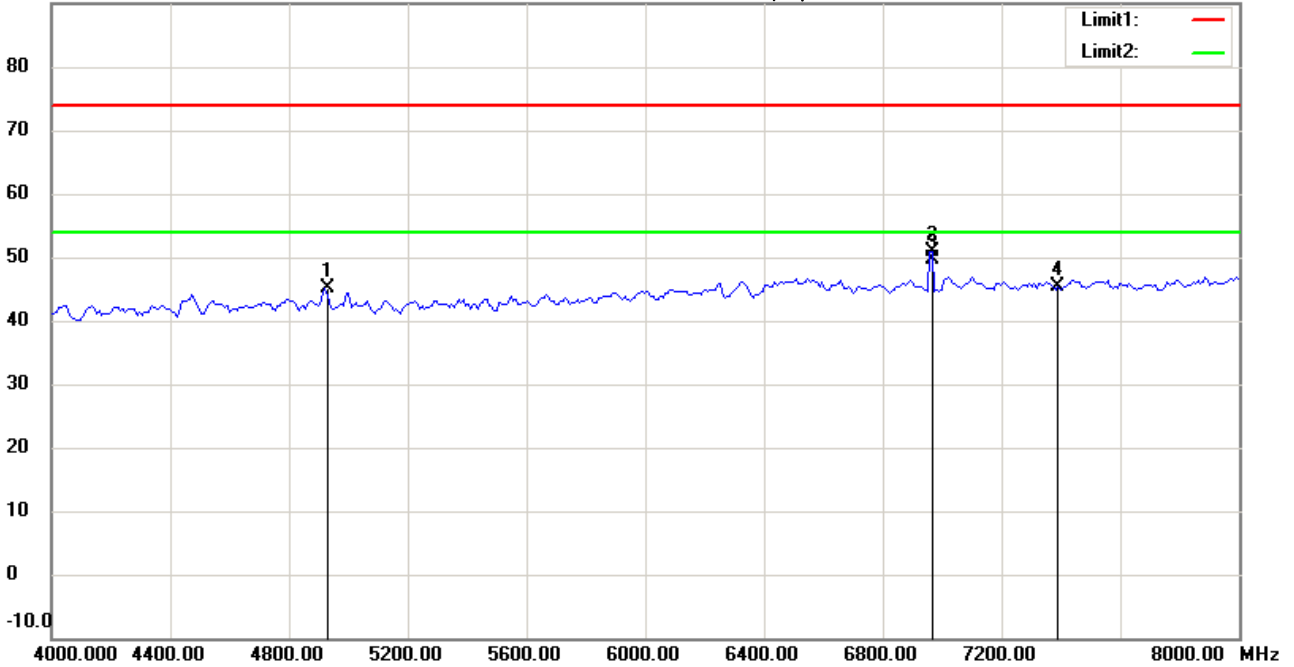
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:16:38

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4921.844	44.37	peak	0.80	45.17	74.00	100	210	-28.83	
	6960.046	45.77	peak	5.19	50.96	74.00	100	180	-23.04	
*	6960.046	44.49	AVG	5.19	49.68	54.00	100	180	-4.32	
	7386.000	40.59	peak	4.71	45.30	74.00	100	245	-28.70	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#7

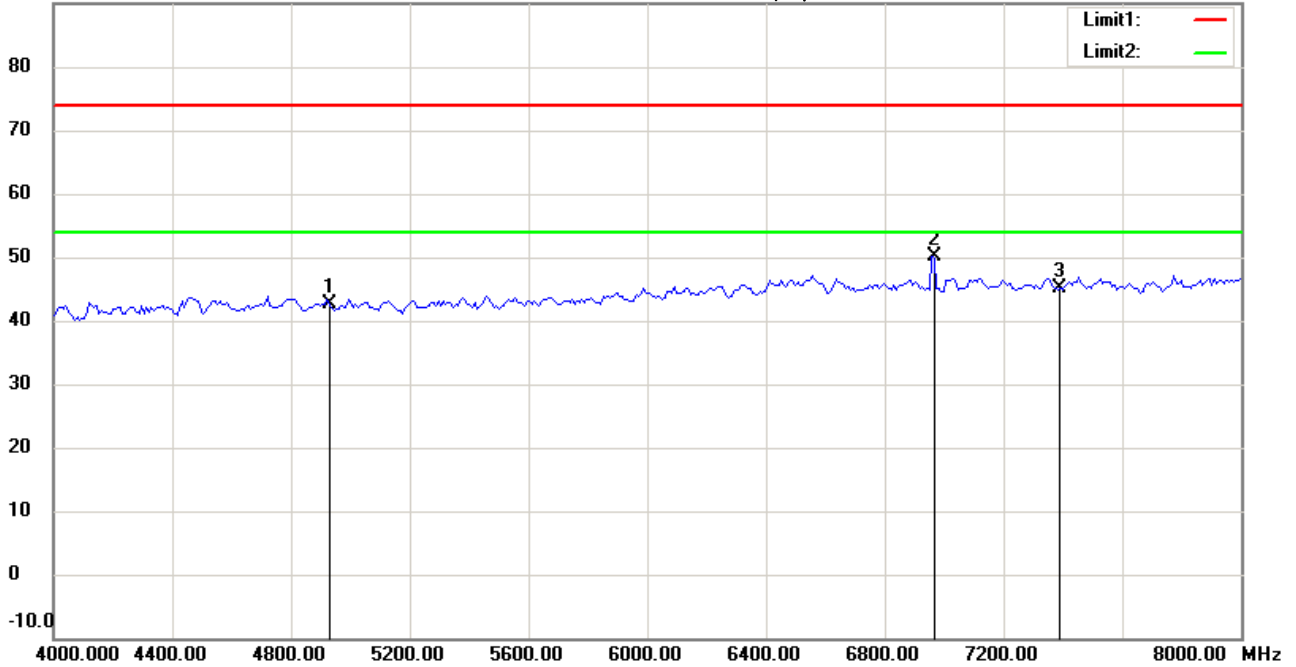
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:19:23

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4924.000	41.91	peak	0.81	42.72	74.00	100	215	-31.28	
*	6957.916	45.01	peak	5.21	50.22	74.00	100	185	-23.78	
	7386.000	40.36	peak	4.71	45.07	74.00	100	230	-28.93	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#3

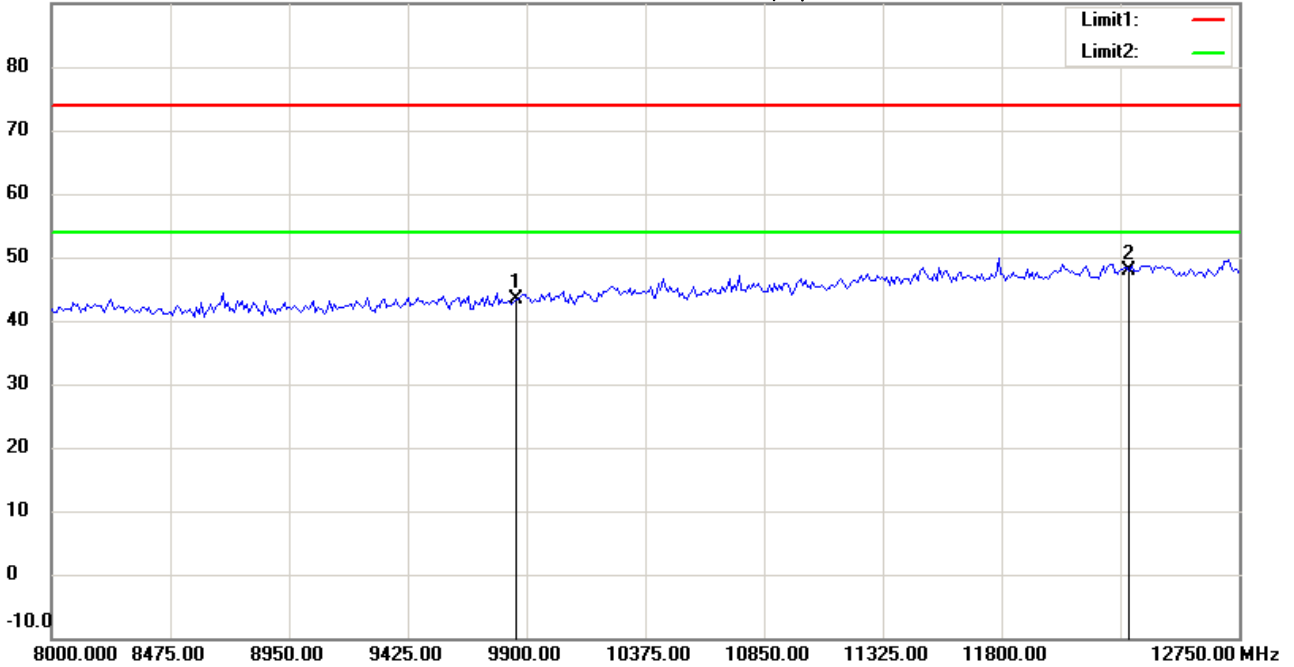
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:17:30

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.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	35.38	peak	7.96	43.34	74.00	100	225	-30.66	
*	12310.000	34.21	peak	13.60	47.81	74.00	100	210	-26.19	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#8

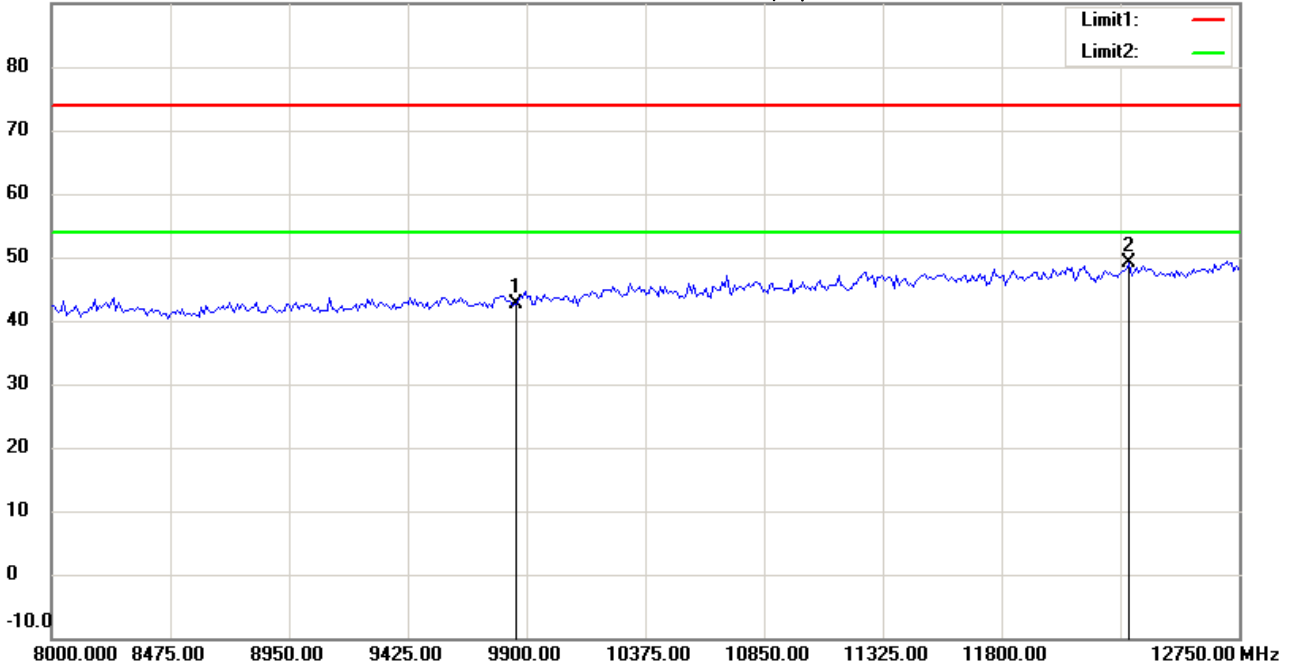
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:20:07

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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	34.59	peak	7.96	42.55	74.00	100	175	-31.45	
*	12310.000	35.53	peak	13.60	49.13	74.00	100	220	-24.87	



Radiated Emission Measurement

Operator: Leon

File :3

Data :#4

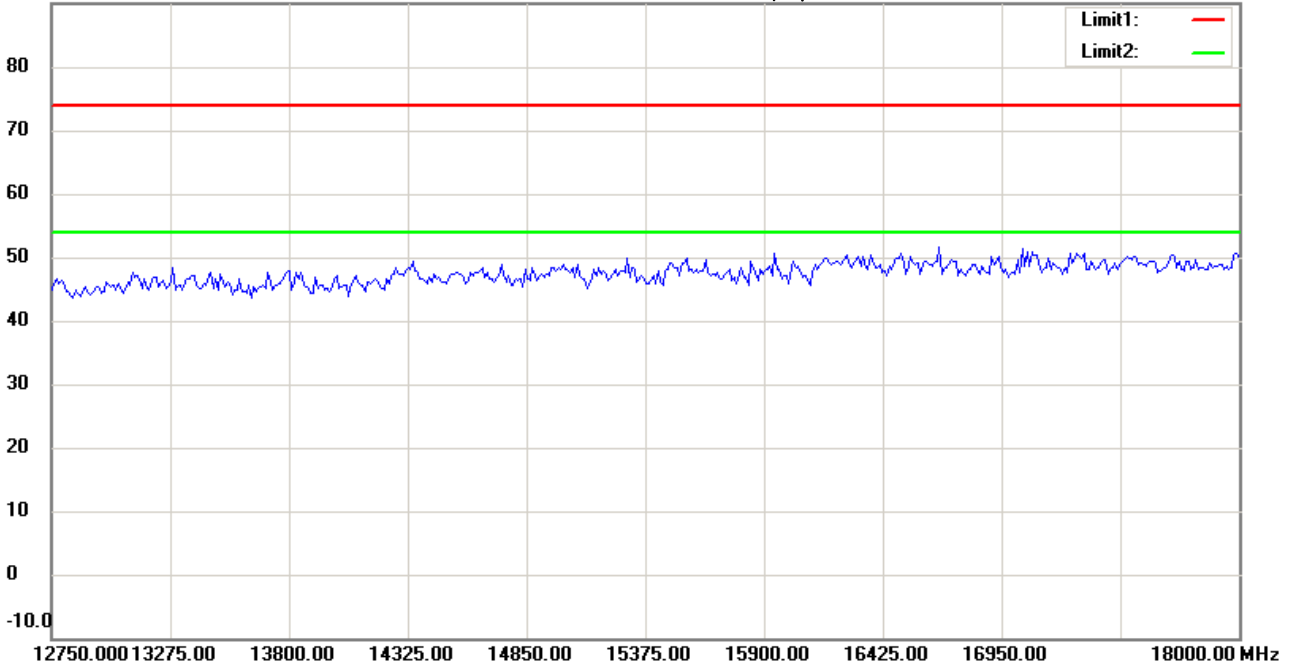
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:17:43

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

Note :

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

Operator: Leon

File :3

Data :#9

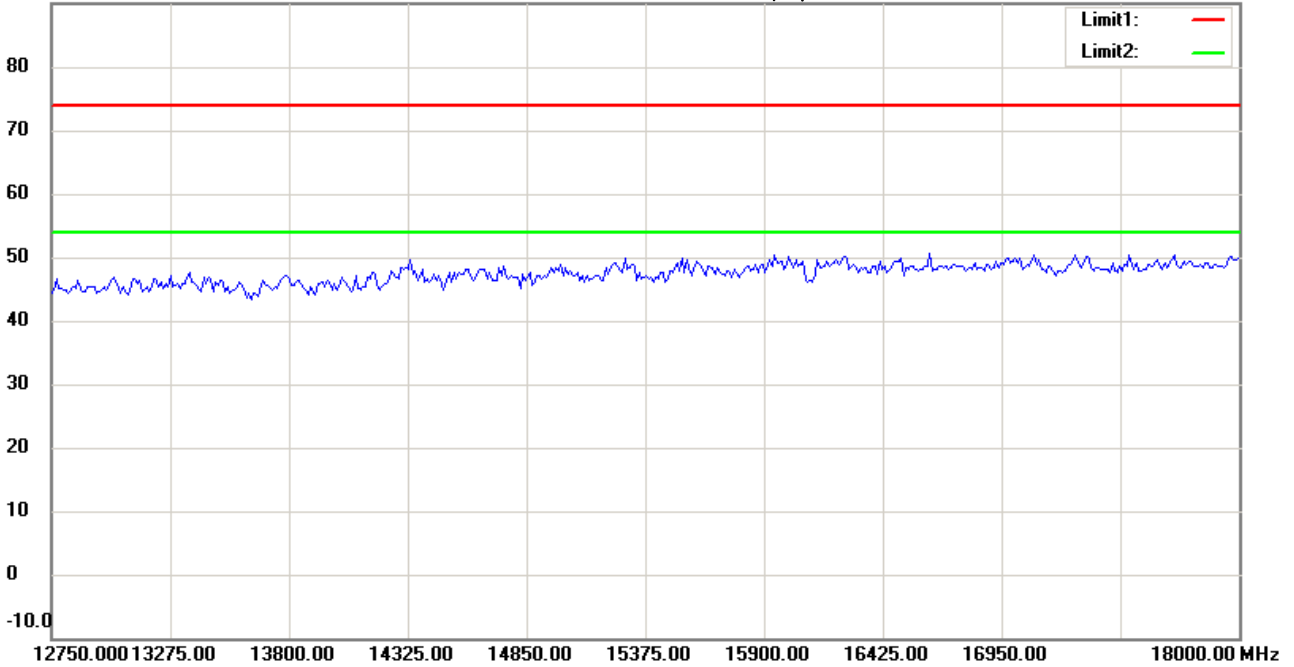
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:20:21

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.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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Radiated Emission Measurement

Operator: Leon

File :3

Data :#5

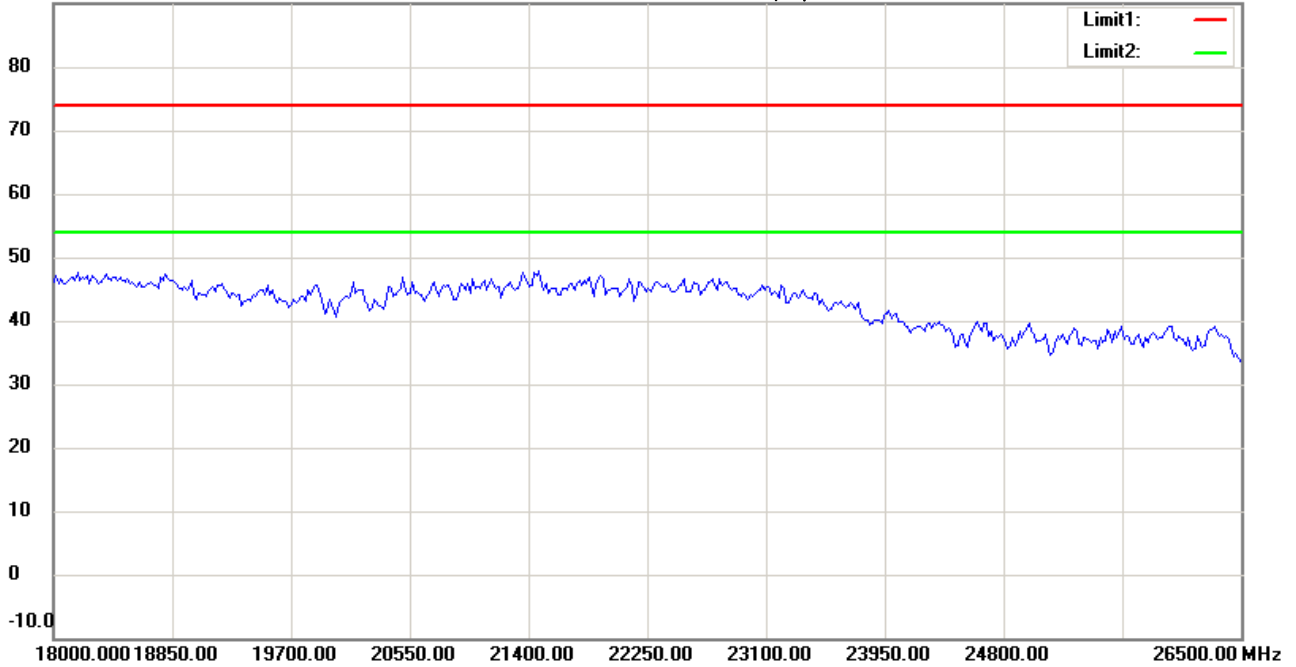
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:17:53

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11g CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Leon

File :3

Data :#10

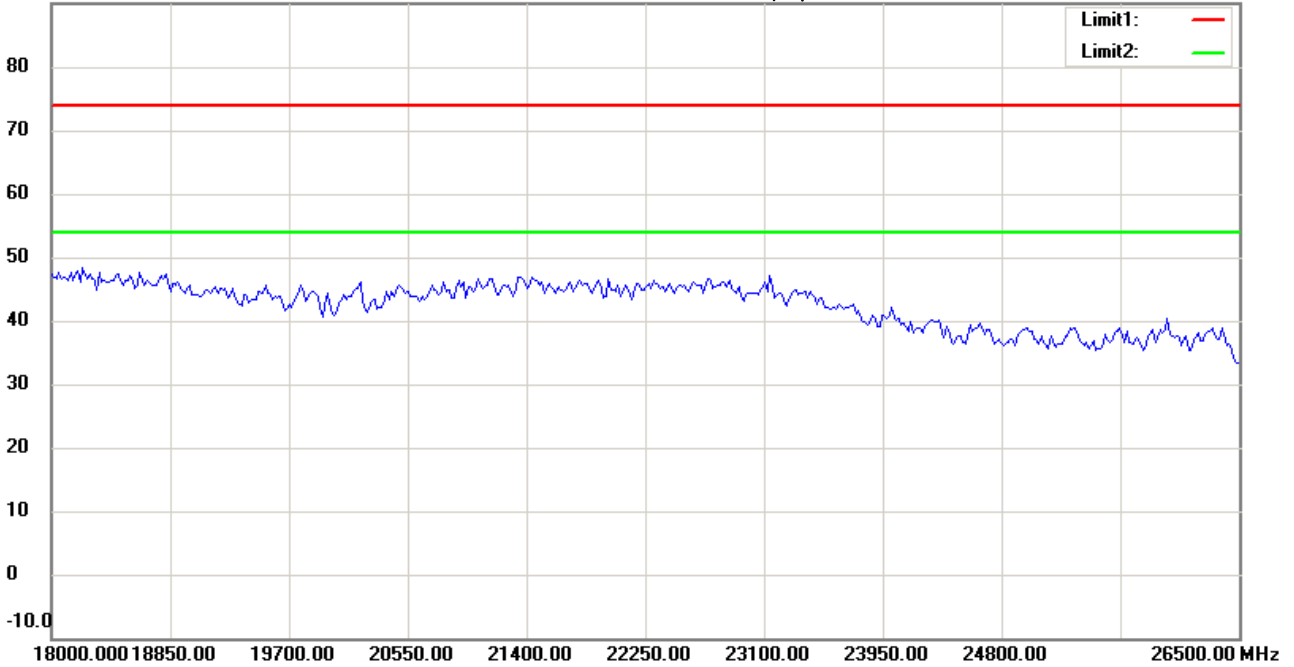
Date: 2015-3-4

Temperature:24 °C

90.0 dBuV/m

Time: 下午 03:20:31

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

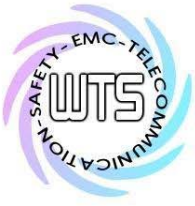
Distance: 3m

Test Mode : TX 802.11g CH11

Note :

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



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

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ANT 1 + ANT 2



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

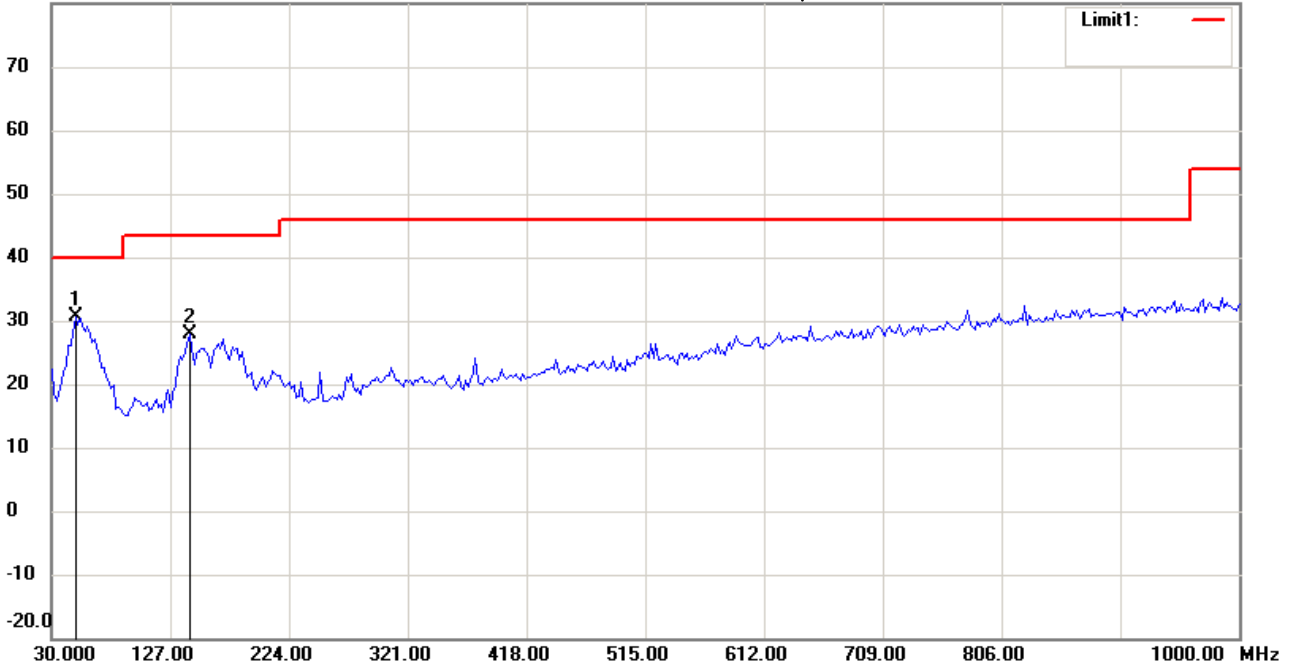
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:45:11

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	49.4388	16.00	peak	14.65	30.65	40.00	100	95	-9.35	
	142.7453	12.55	peak	15.43	27.98	43.50	100	130	-15.52	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

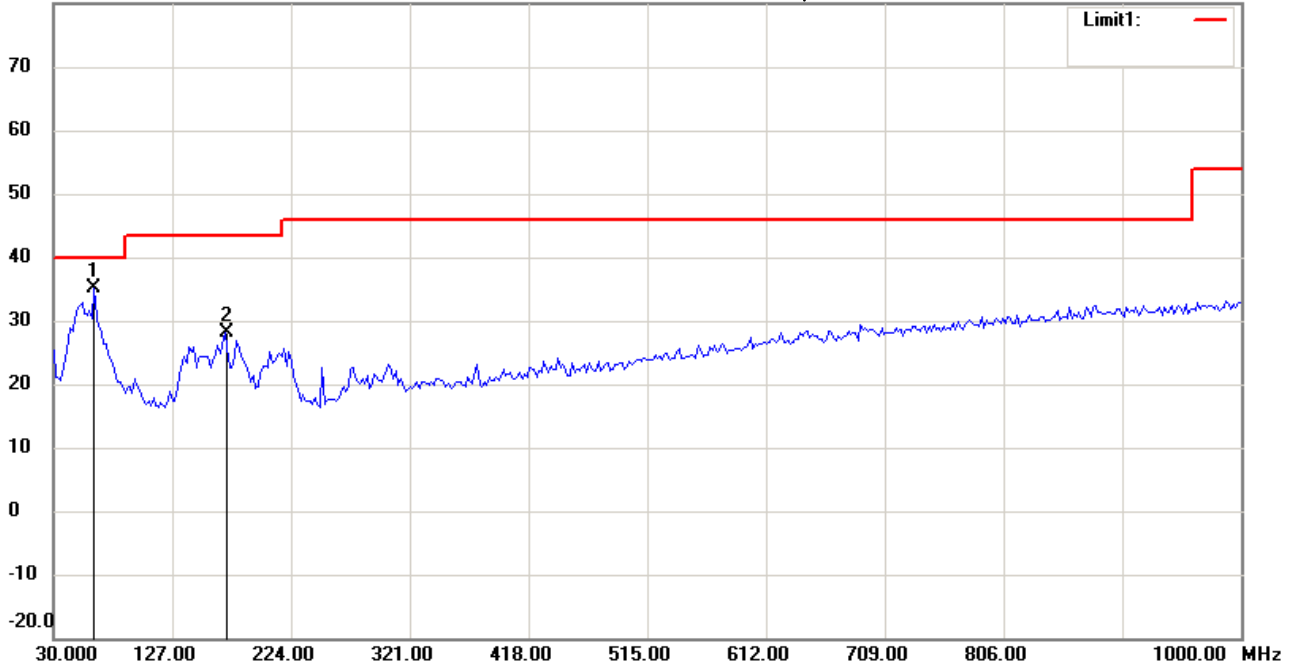
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:45:56

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	63.0461	22.29	peak	12.74	35.03	40.00	100	105	-4.97	
	169.9600	13.07	peak	15.09	28.16	43.50	100	40	-15.34	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

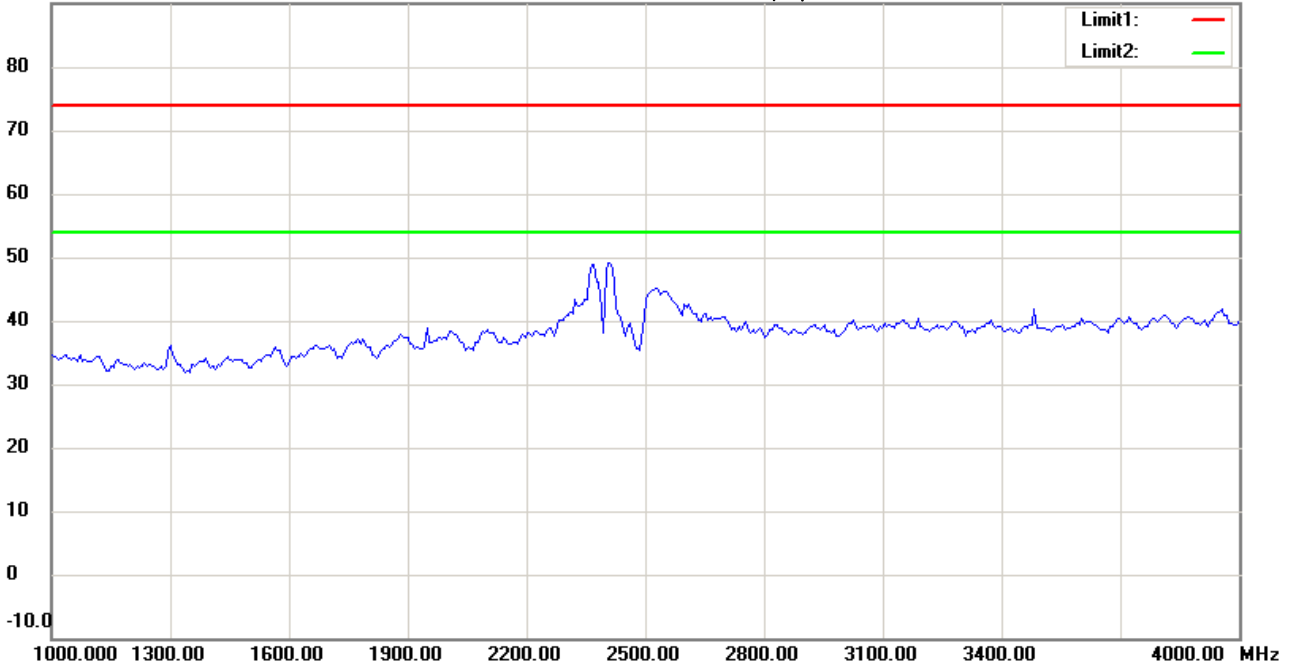
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:37:56

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

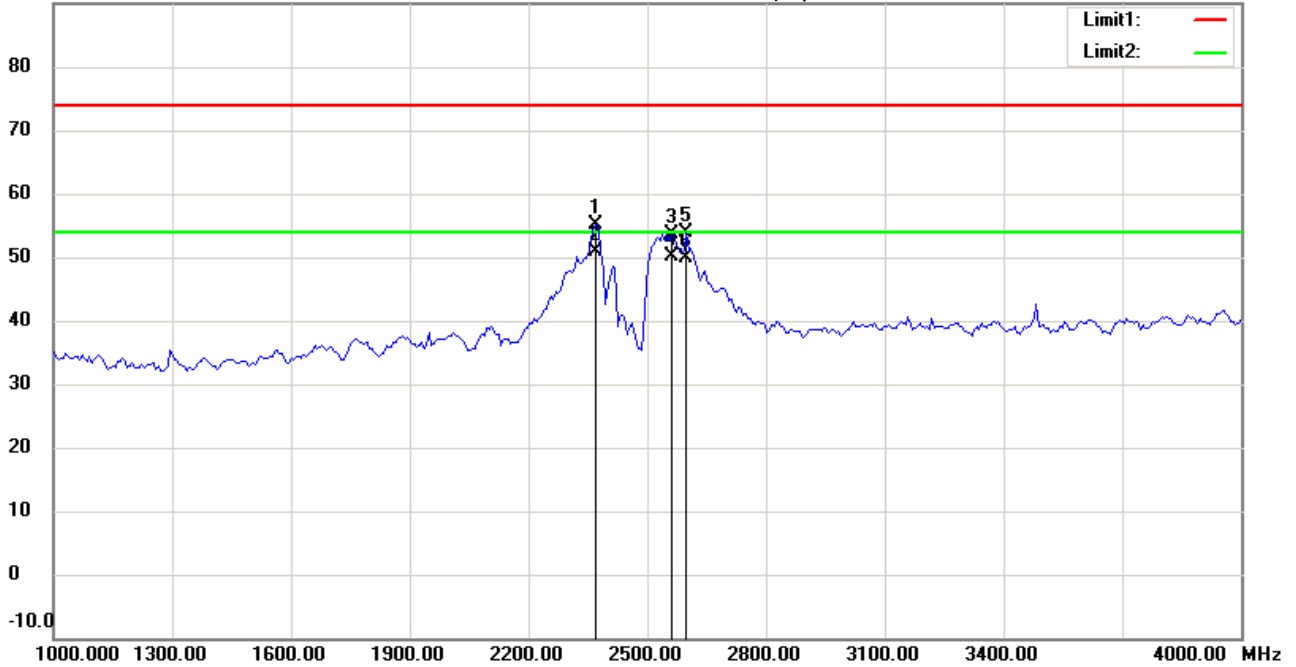
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:40:41

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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
	2367.437	60.04	peak	-4.86	55.18	74.00	100	102	-18.82	
*	2367.437	55.64	AVG	-4.86	50.78	54.00	100	102	-3.22	
	2563.126	58.04	peak	-4.35	53.69	74.00	100	220	-20.31	
	2563.126	54.47	AVG	-4.35	50.12	54.00	100	220	-3.88	
	2599.198	58.12	peak	-4.21	53.91	74.00	100	225	-20.09	
	2599.198	54.19	AVG	-4.21	49.98	54.00	100	225	-4.02	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

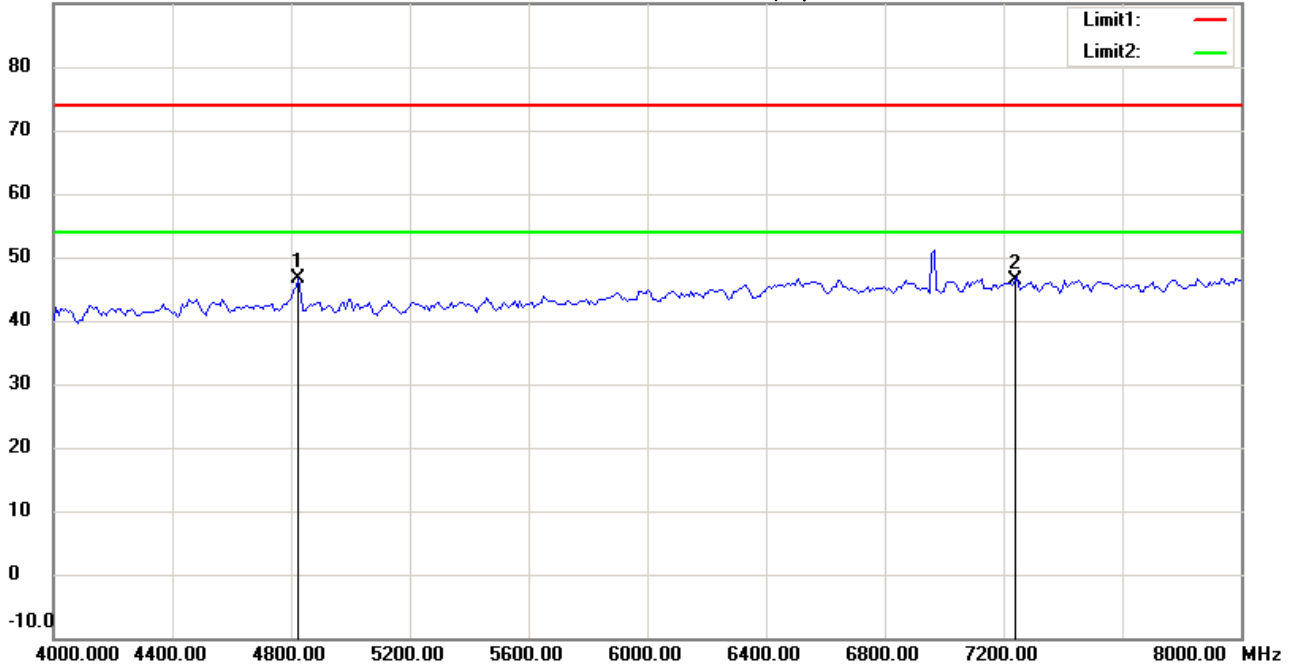
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:38:41

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4824.000	45.97	peak	0.68	46.65	74.00	100	110	-27.35	
	7236.000	42.14	peak	4.30	46.44	74.00	100	60	-27.56	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

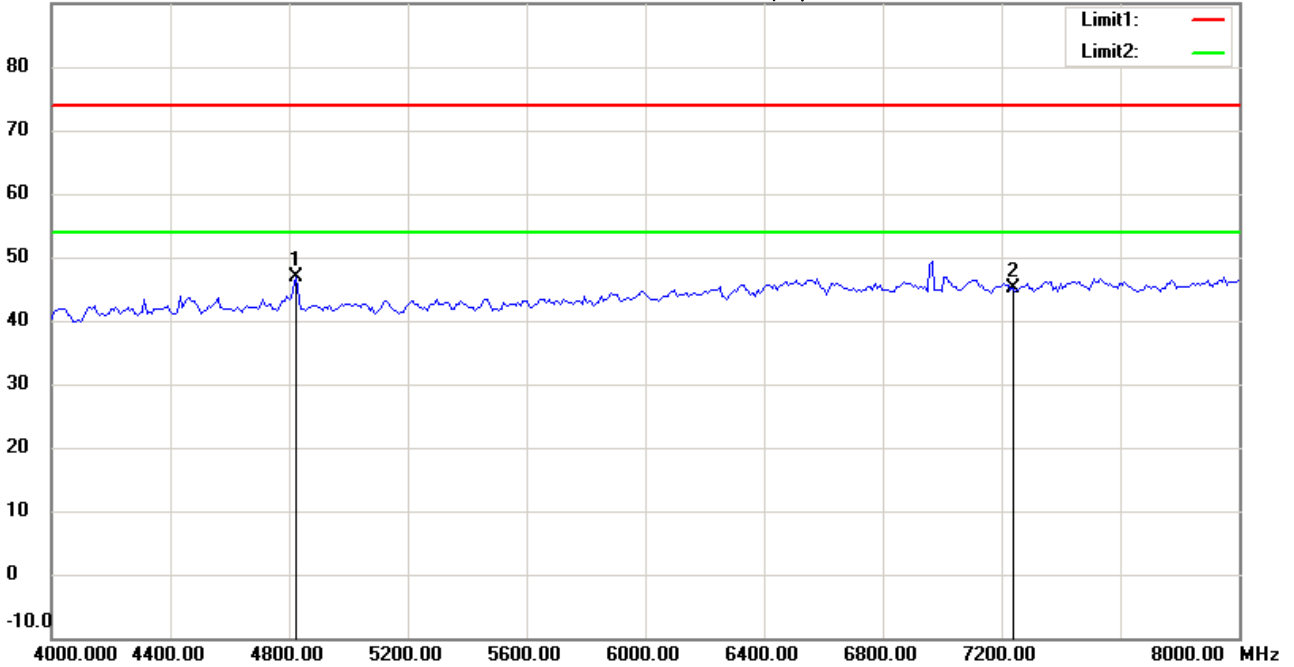
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:41:26

Humidity:60 %



Site : Chamber

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

Polarization: **Vertical**

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	4824.000	46.09	peak	0.68	46.77	74.00	100	175	-27.23	
	7236.000	40.92	peak	4.30	45.22	74.00	100	70	-28.78	





Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

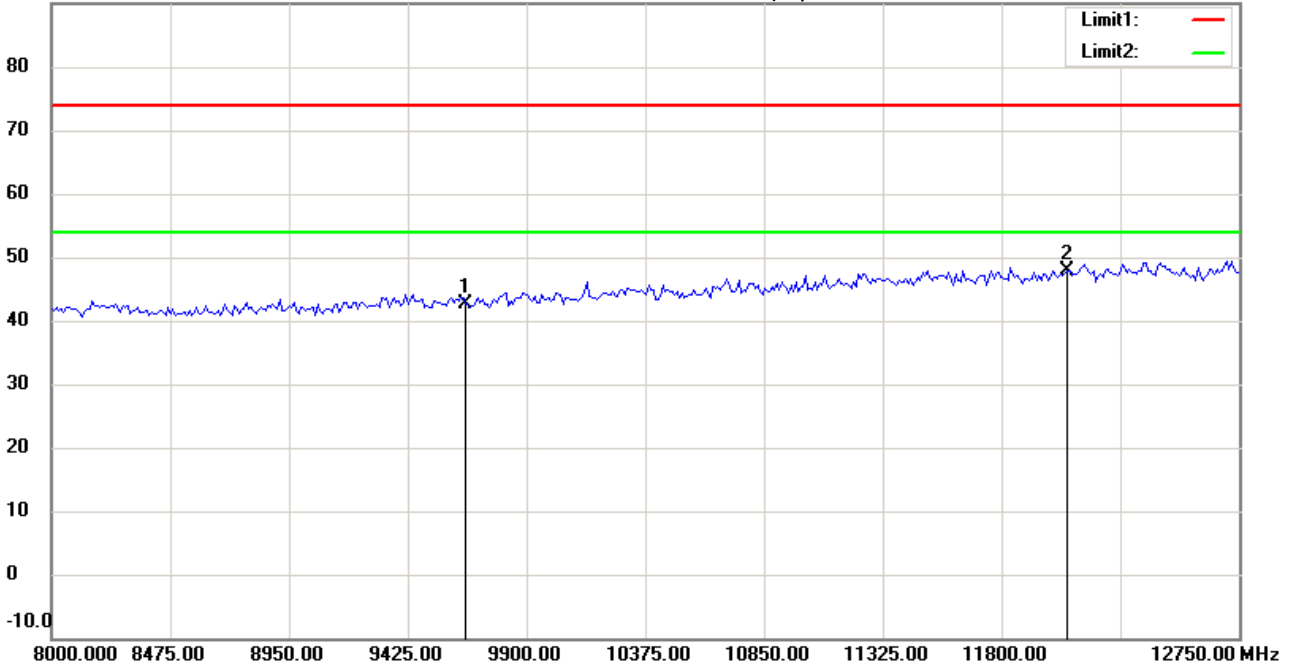
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:39:33

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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	35.21	peak	7.46	42.67	74.00	100	30	-31.33	
*	12060.000	34.62	peak	13.20	47.82	74.00	100	250	-26.18	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

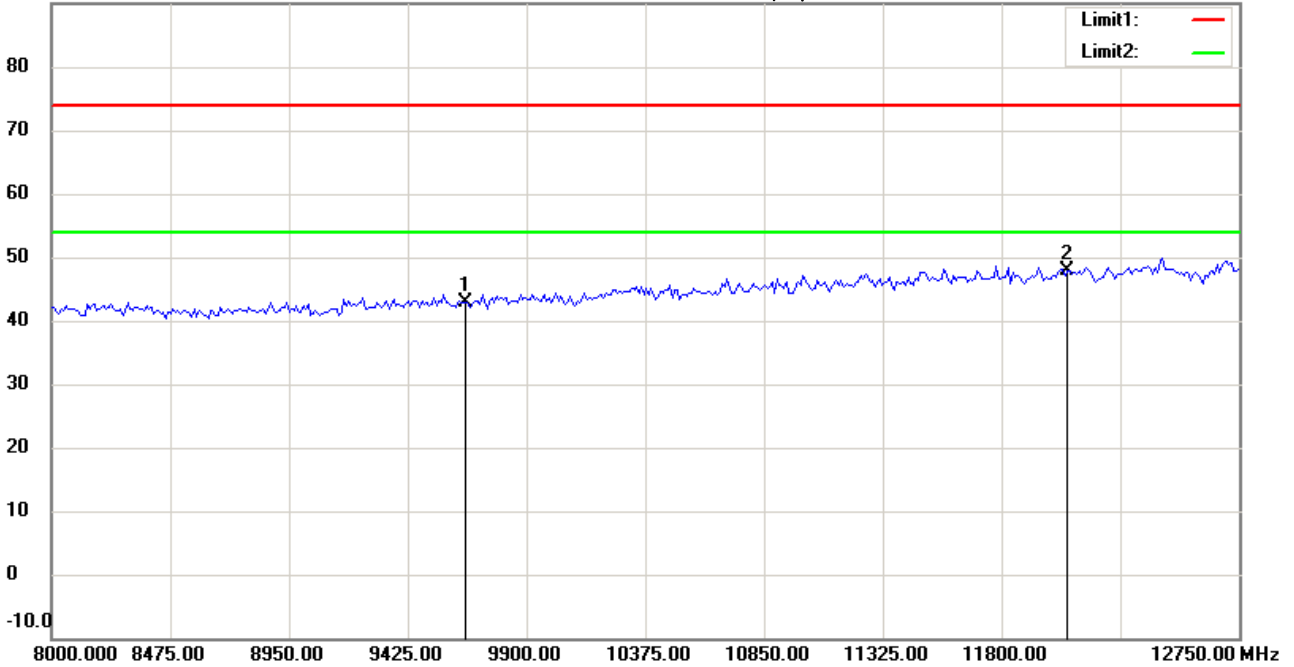
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:42:11

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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	35.39	peak	7.46	42.85	74.00	100	220	-31.15	
*	12060.000	34.66	peak	13.20	47.86	74.00	100	155	-26.14	



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Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

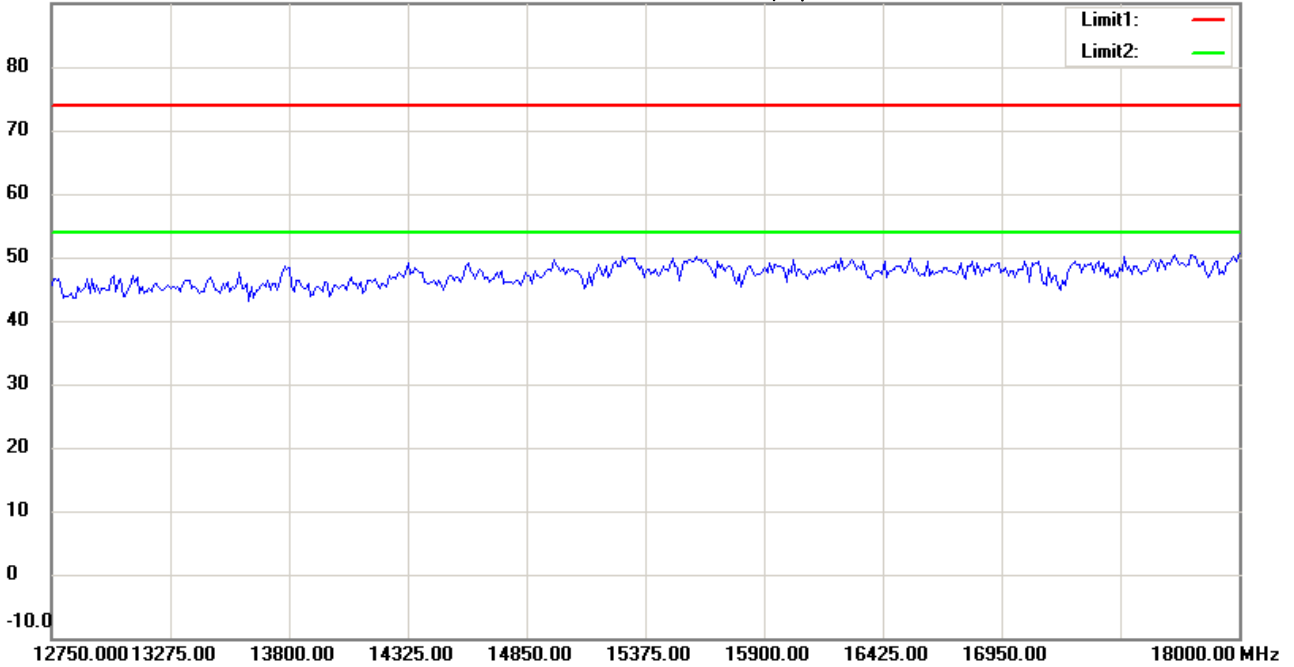
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:39:46

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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: Roy

File :3

Data :#9

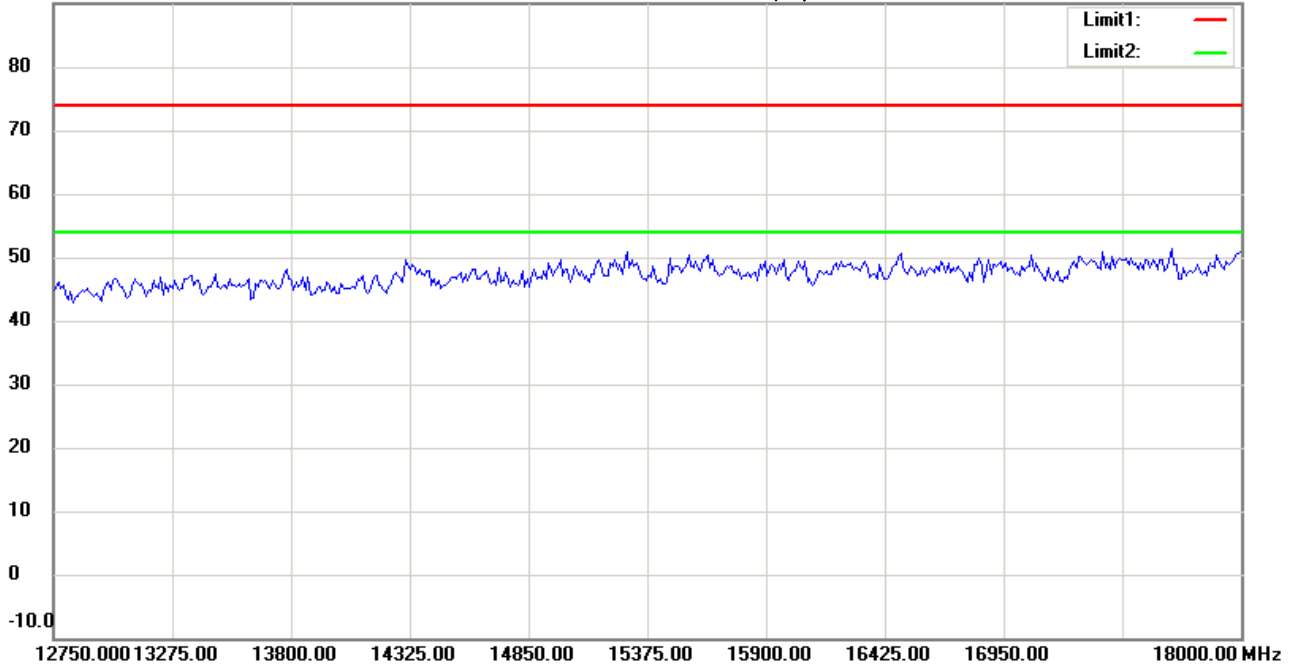
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:42:24

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

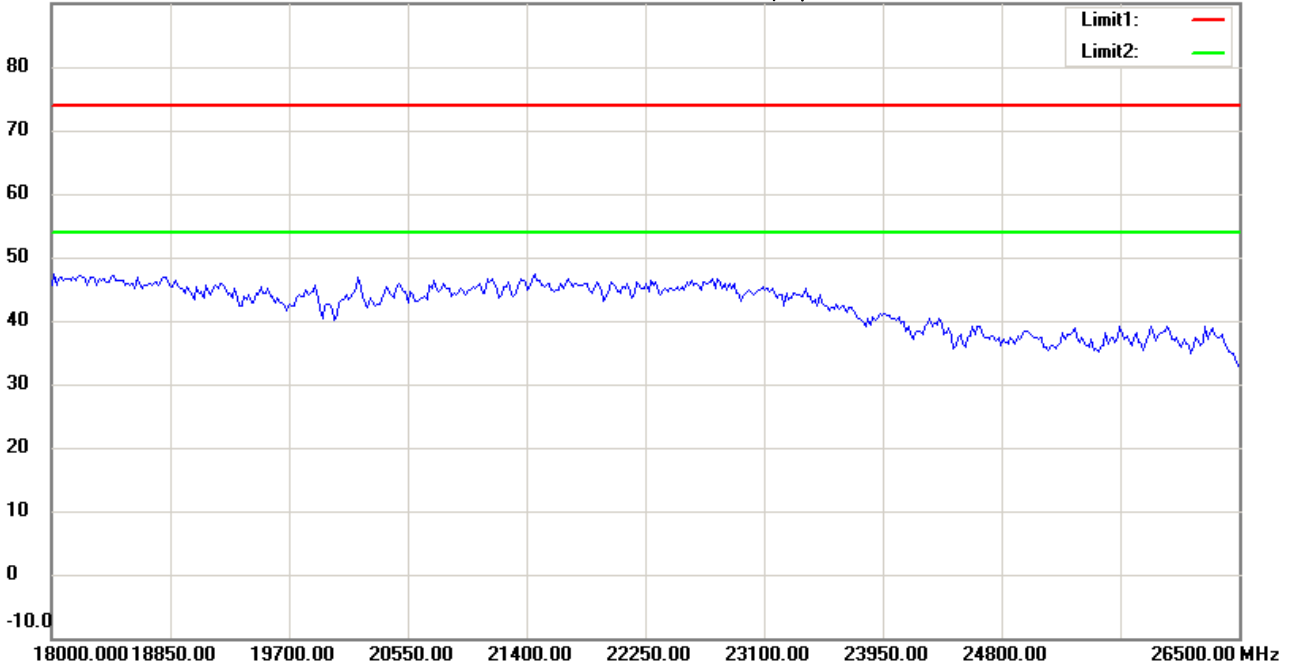
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:39:56

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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



Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

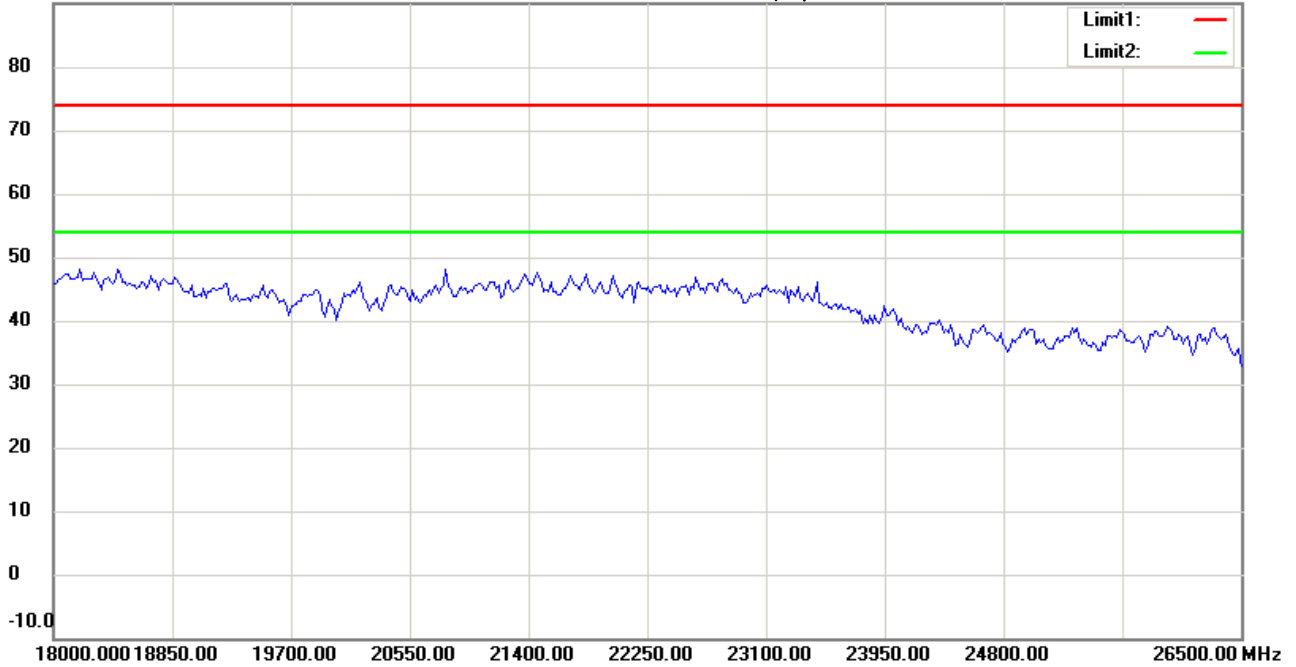
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:42:34

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

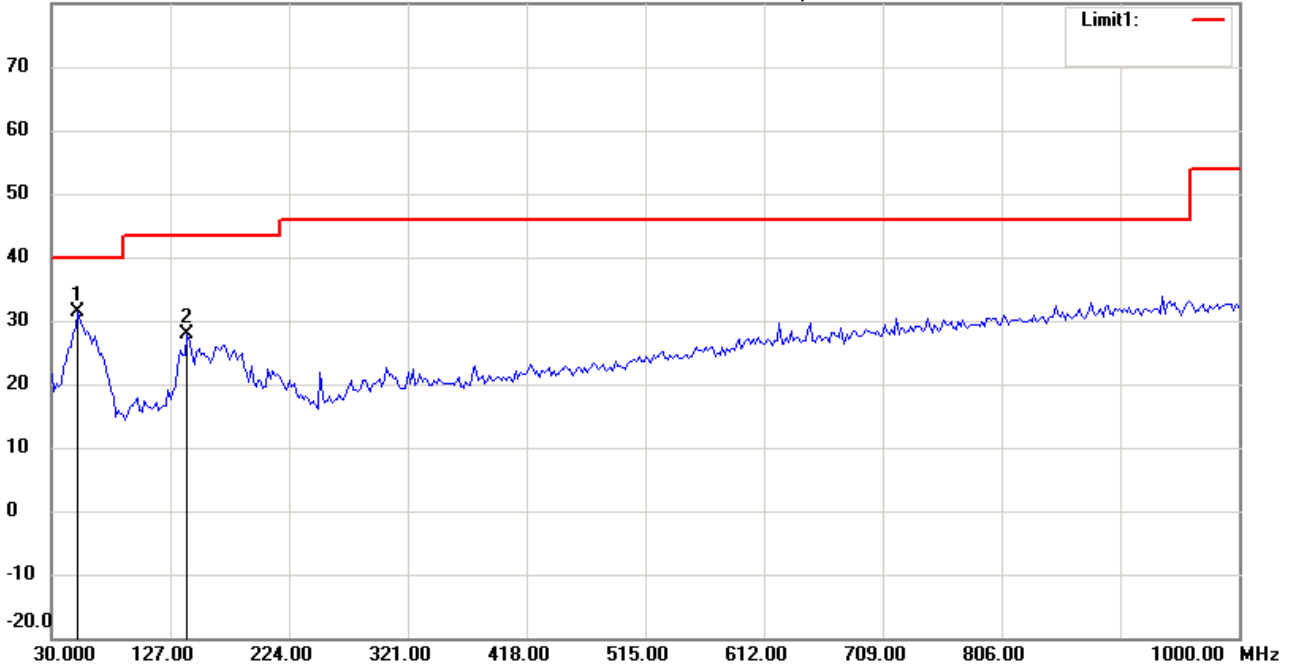
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:47:07

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3828	16.95	peak	14.41	31.36	40.00	100	125	-8.64	
	140.8015	12.43	peak	15.41	27.84	43.50	100	60	-15.66	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

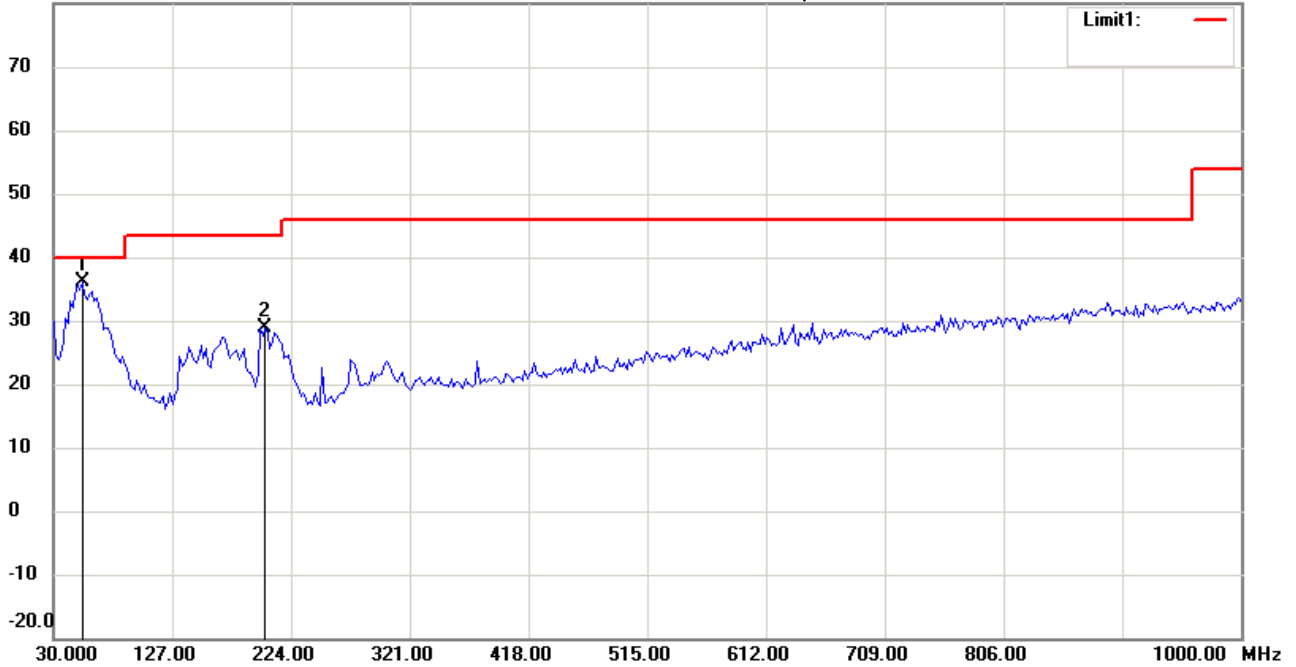
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:47:52

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	22.04	peak	14.12	36.16	40.00	100	55	-3.84	
	203.0060	16.56	peak	12.36	28.92	43.50	100	70	-14.58	





Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

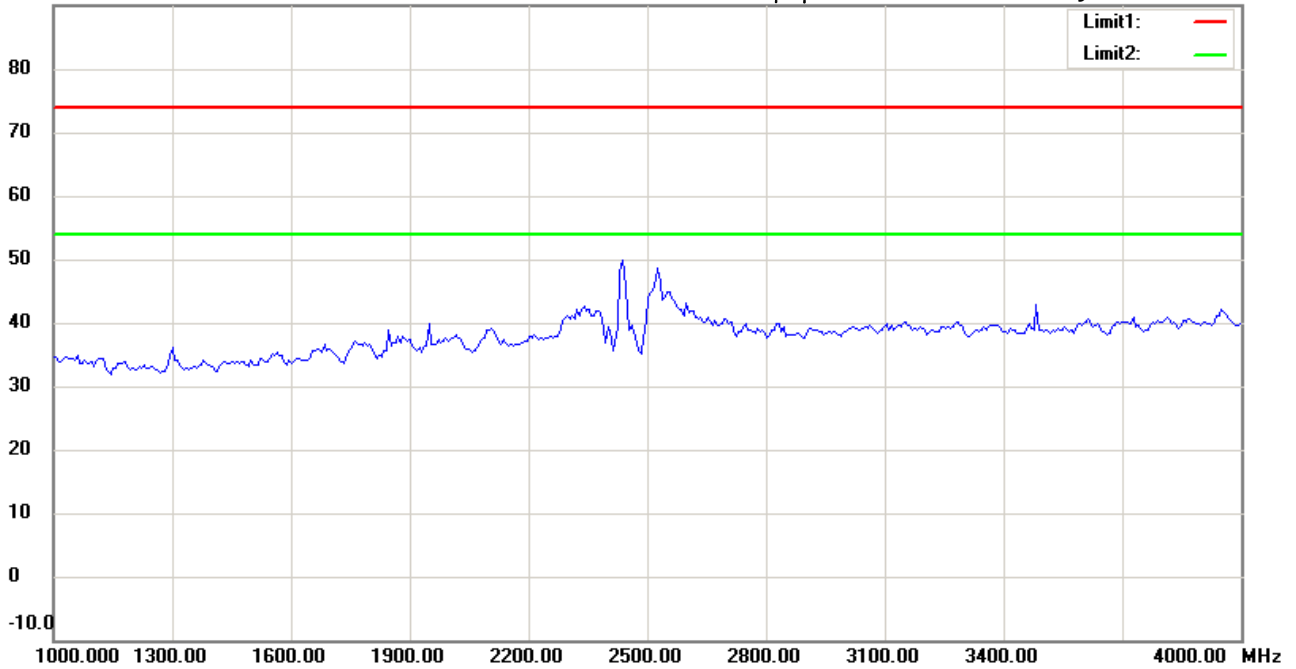
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:58:38

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Roy

File :3

Data :#6

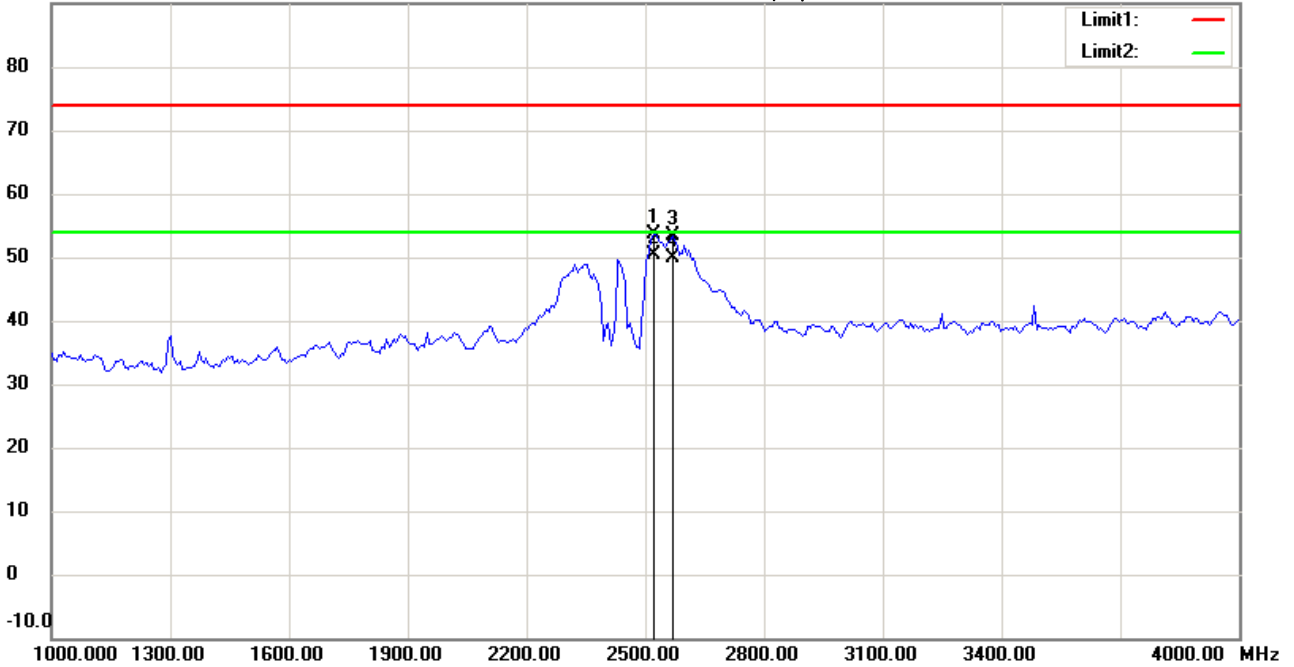
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:01:23

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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
	2521.042	58.19	peak	-4.50	53.69	74.00	100	220	-20.31	
*	2521.042	54.84	AVG	-4.50	50.34	54.00	100	220	-3.66	
	2569.138	57.82	peak	-4.32	53.50	74.00	100	225	-20.50	
	2569.138	54.29	AVG	-4.32	49.97	54.00	100	225	-4.03	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

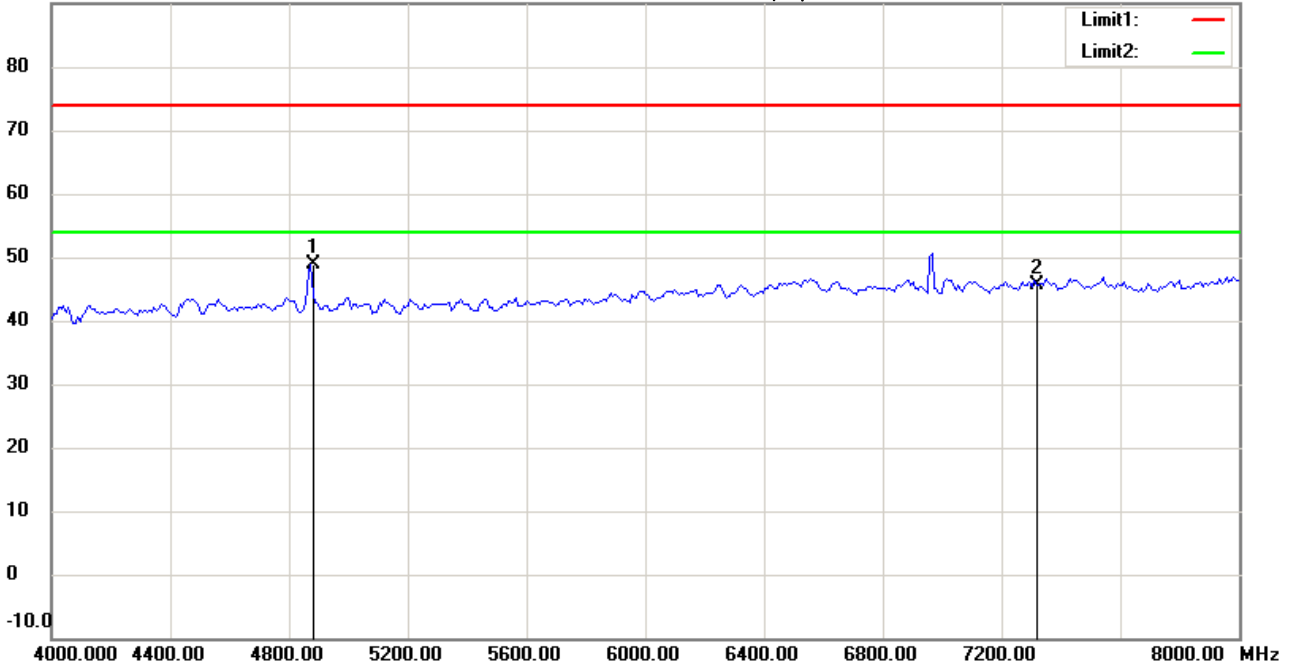
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 07:59:24

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	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	48.05	peak	0.73	48.78	74.00	100	115	-25.22	
	7311.000	41.28	peak	4.39	45.67	74.00	100	40	-28.33	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

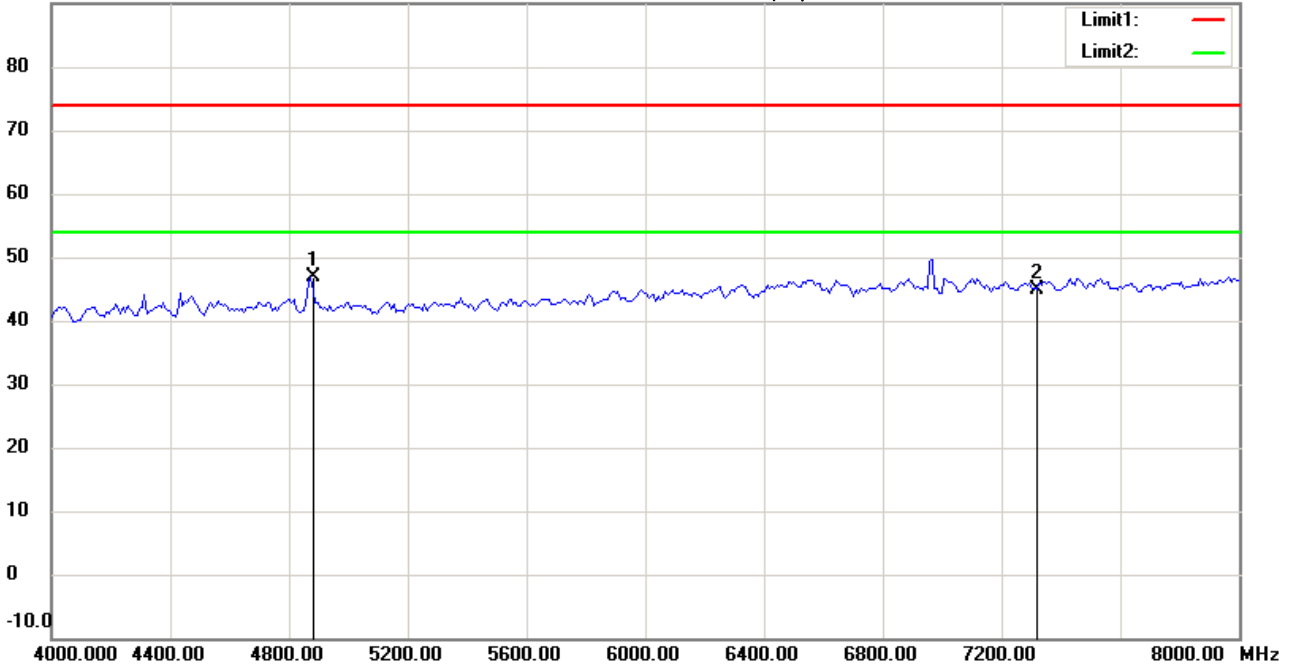
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:02:09

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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	46.27	peak	0.73	47.00	74.00	100	80	-27.00	
	7311.000	40.46	peak	4.39	44.85	74.00	100	200	-29.15	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

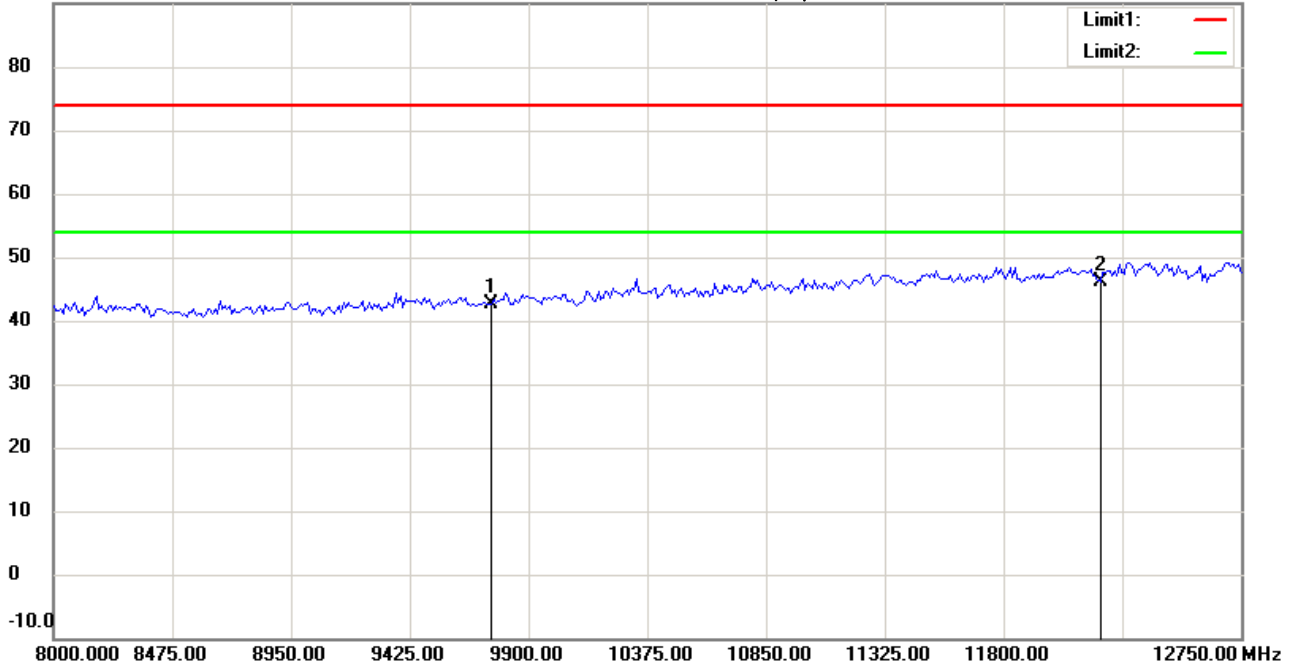
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:00:15

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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	34.94	peak	7.58	42.52	74.00	100	125	-31.48	
*	12185.000	32.48	peak	13.77	46.25	74.00	100	70	-27.75	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

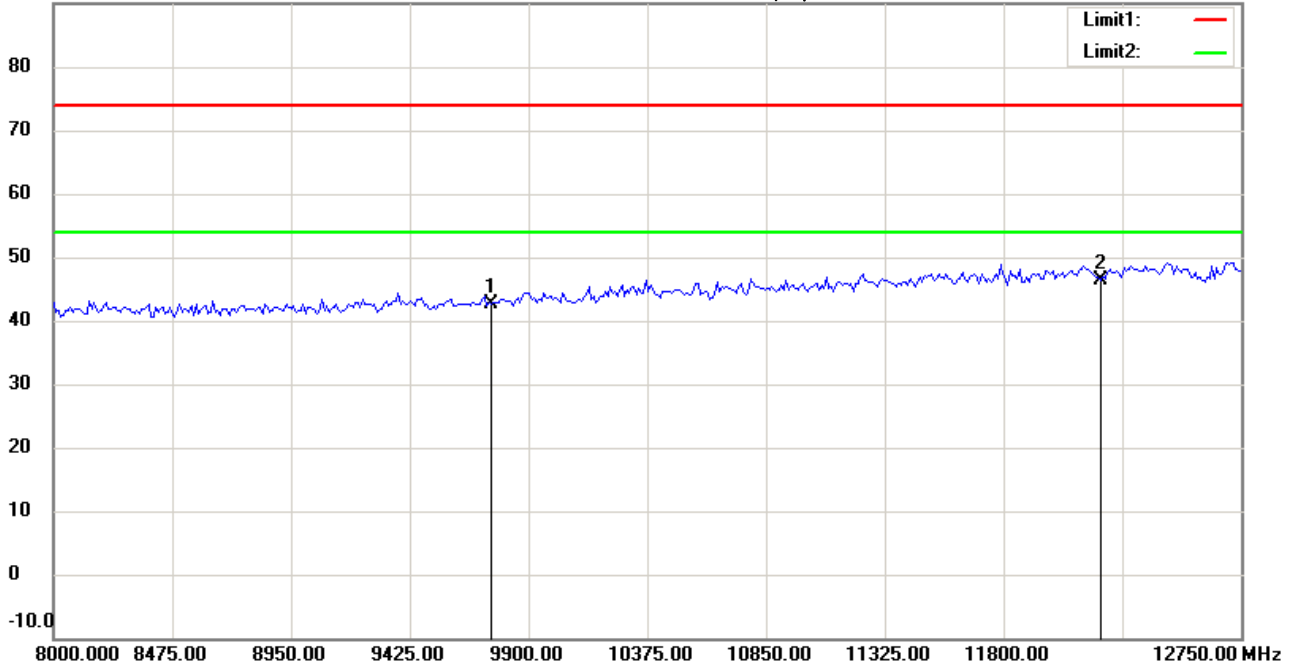
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:02:53

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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	35.07	peak	7.58	42.65	74.00	100	155	-31.35	
*	12185.000	32.67	peak	13.77	46.44	74.00	100	240	-27.56	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

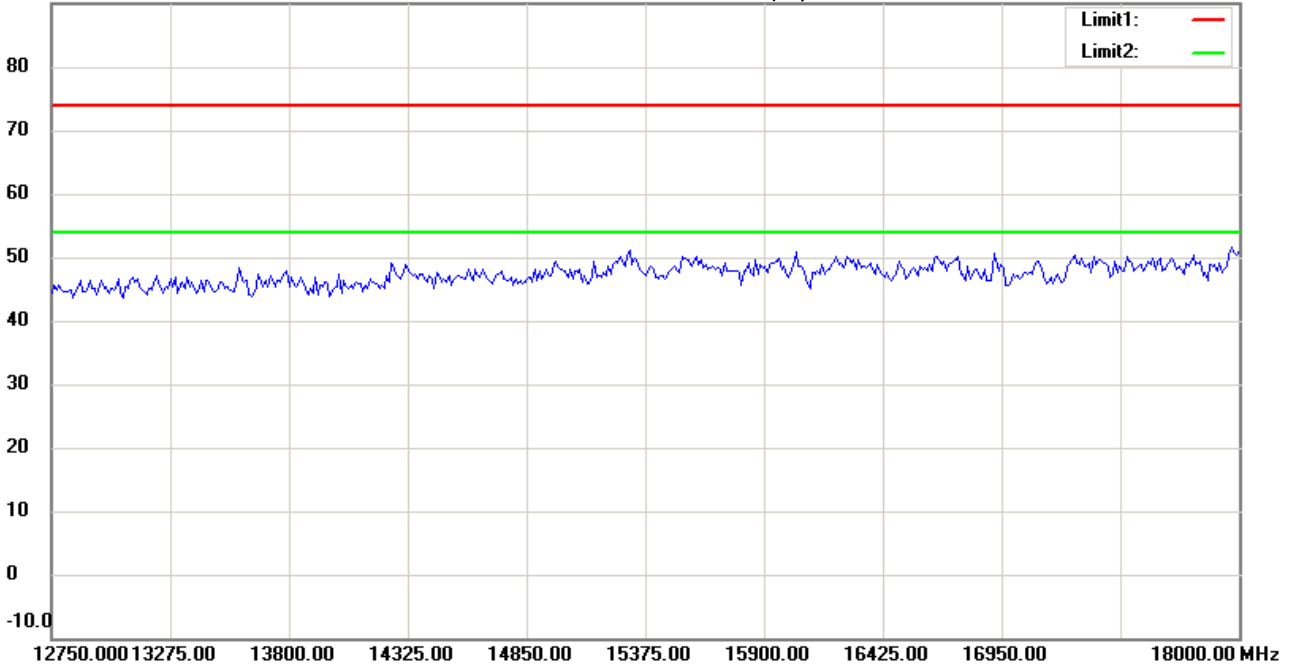
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:00:29

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: *Horizontal*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
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Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei  
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 Fax:+886-2-6606-8875

**Radiated Emission Measurement**

Operator: Roy

File :3

Data :#9

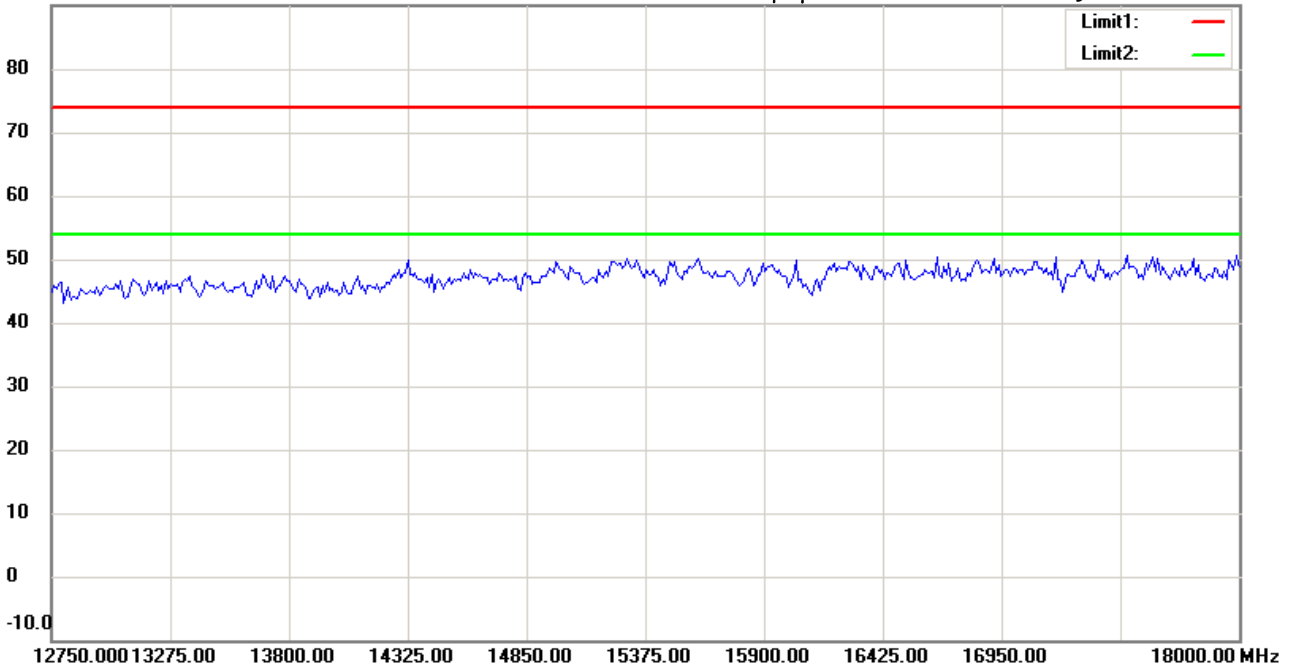
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:03:07

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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: Roy

File :3

Data :#5

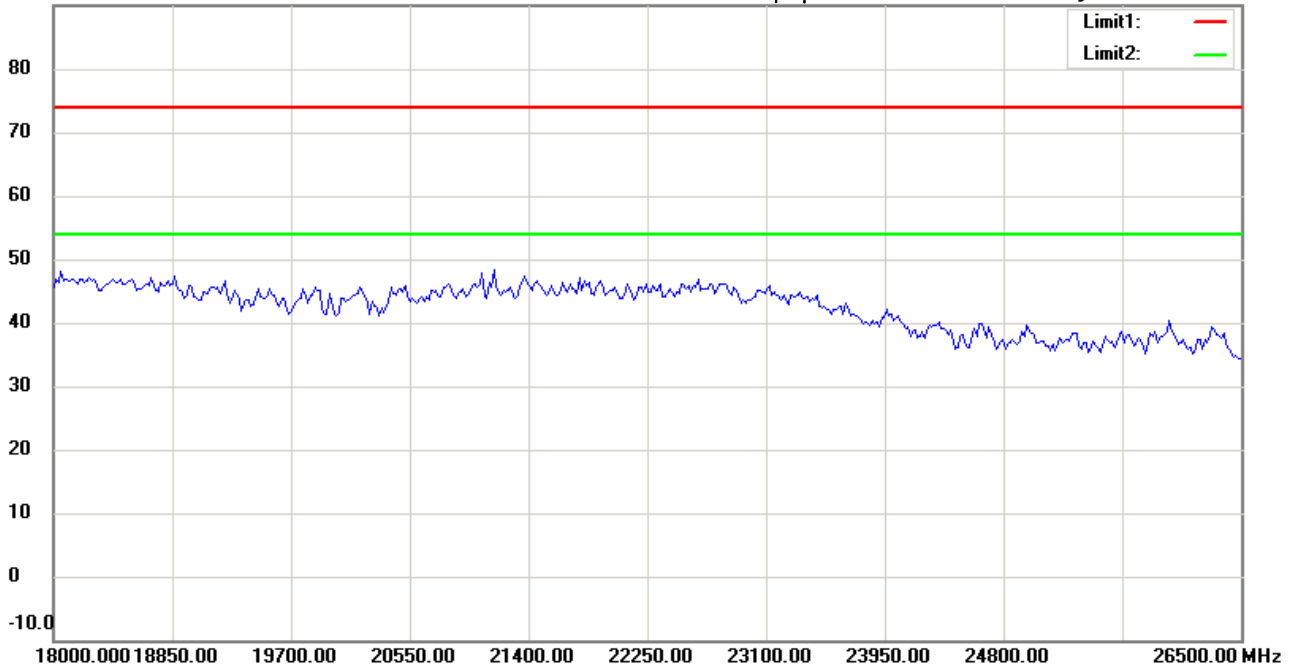
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:00:38

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

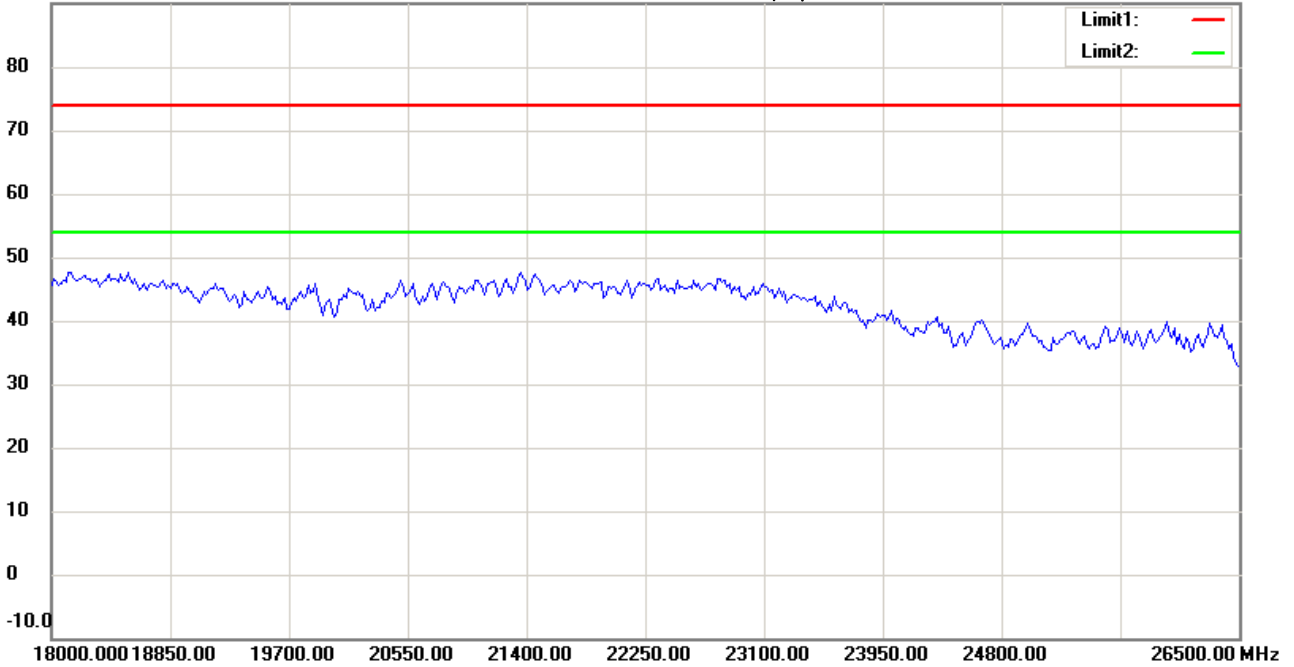
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:03:17

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH6

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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



Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

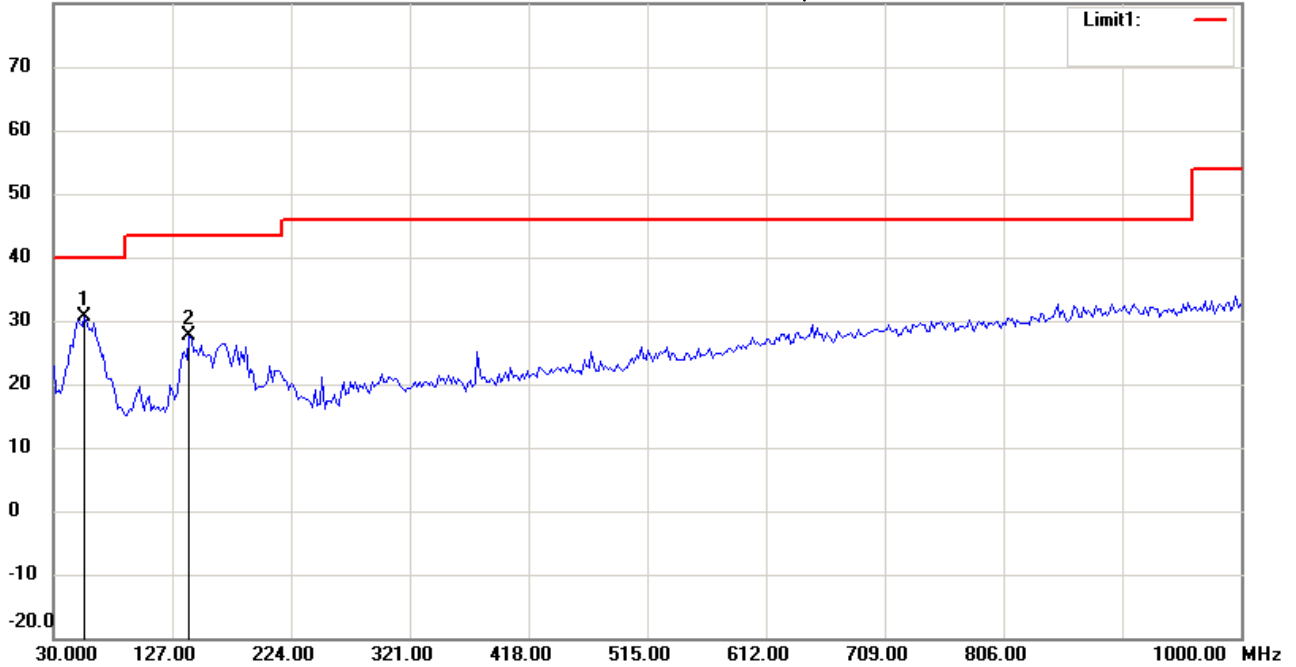
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:49:40

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	55.2704	16.84	peak	13.82	30.66	40.00	100	50	-9.34	
	140.8015	12.21	peak	15.41	27.62	43.50	100	120	-15.88	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

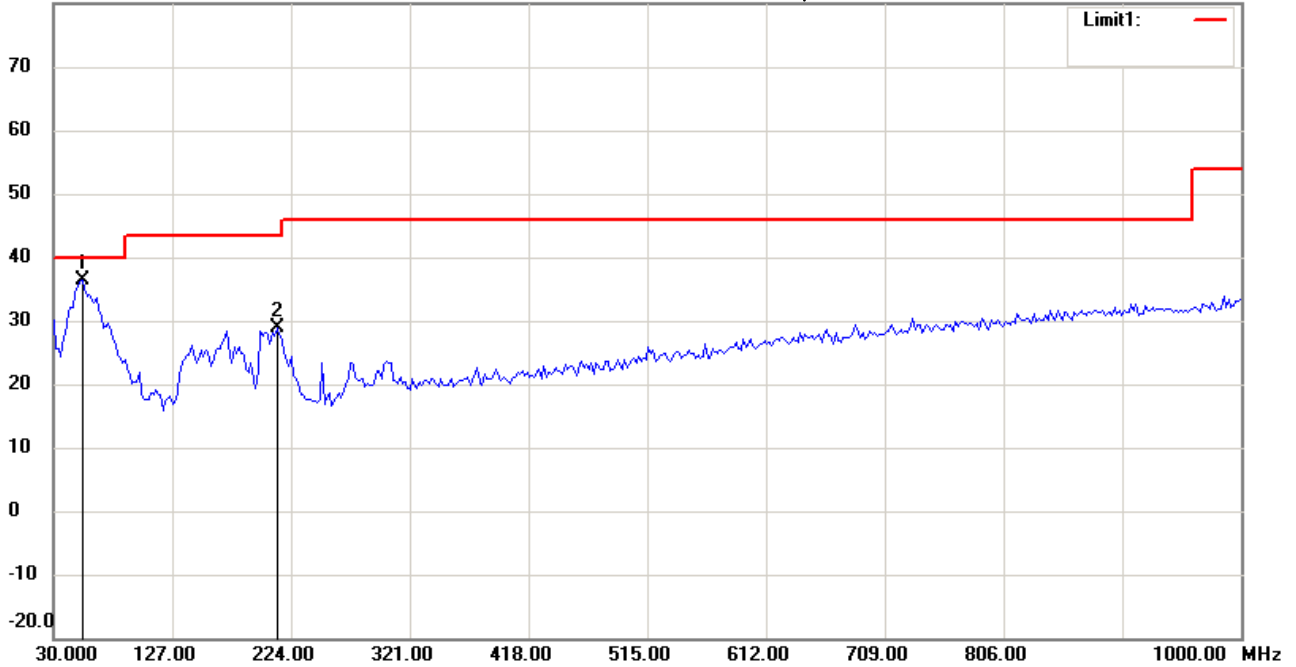
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:50:25

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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
*	53.3267	22.16	peak	14.12	36.28	40.00	100	155	-3.72	
	212.7255	15.83	peak	13.15	28.98	43.50	100	120	-14.52	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

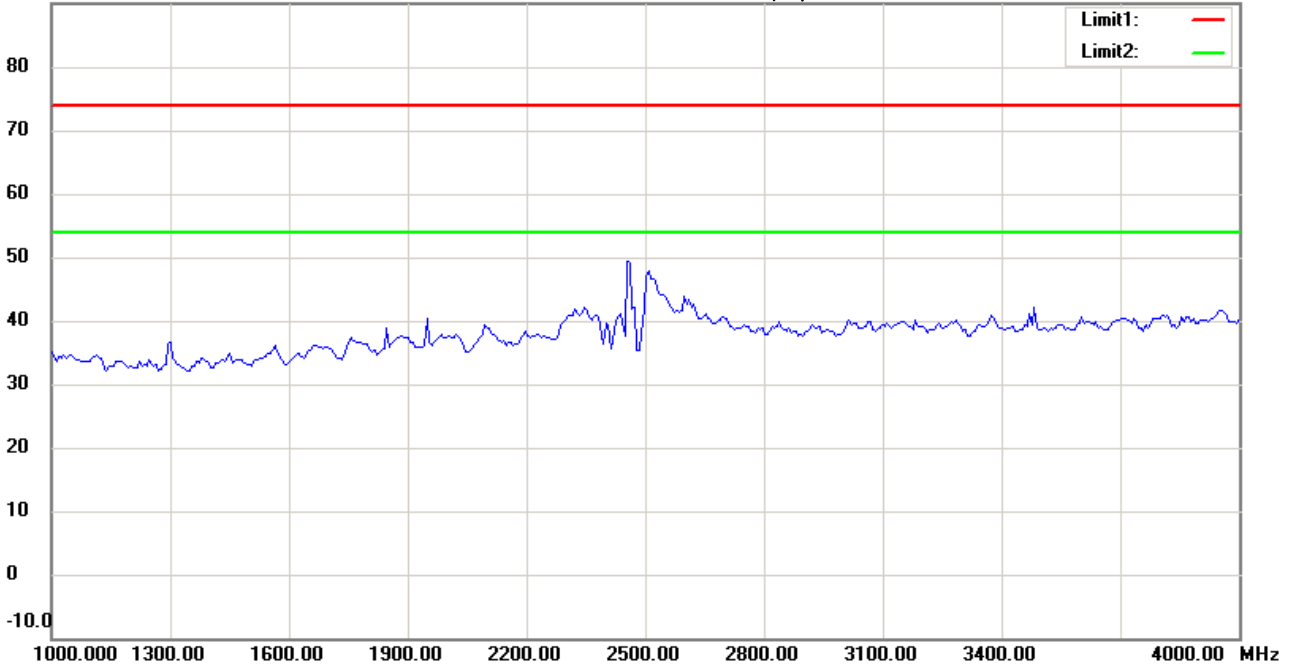
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:07:26

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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
-----	-----------------	----------------	----------	---------------------	-----------------	----------------	--------------	----------------	-------------	---------



Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

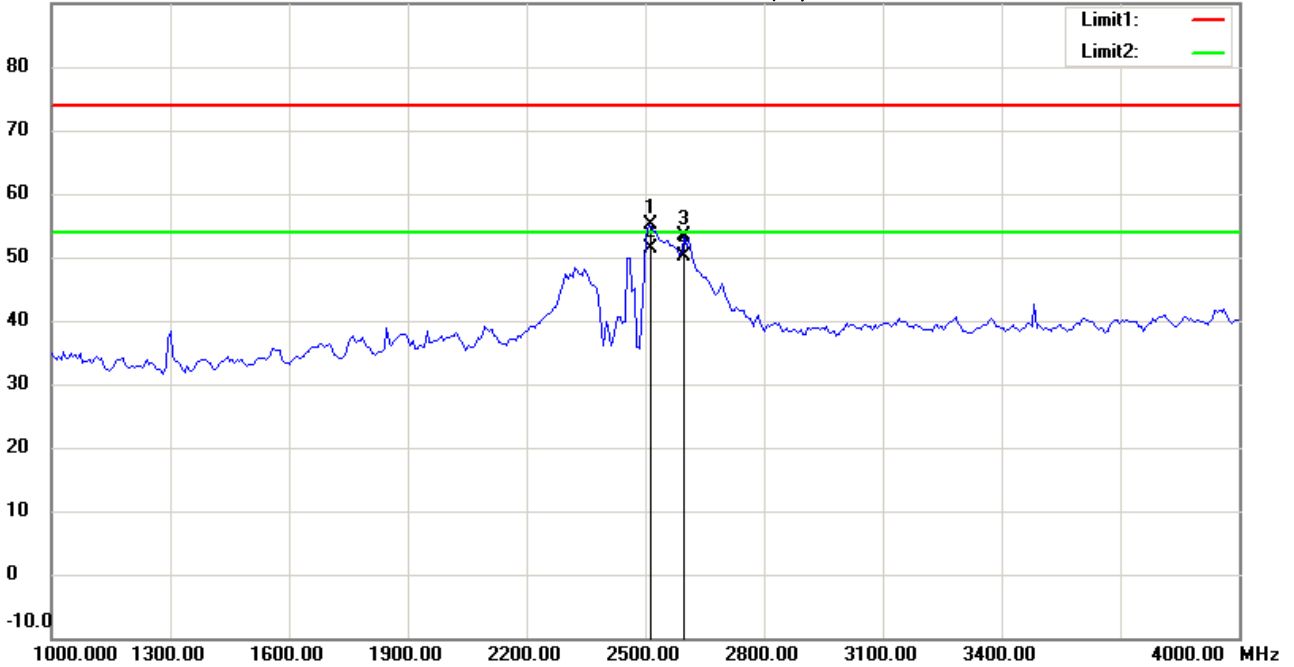
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:10:11

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2513.240	59.65	peak	-4.53	55.12	74.00	100	80	-18.88	
*	2513.240	55.83	AVG	-4.53	51.30	54.00	100	80	-2.70	
	2599.198	57.66	peak	-4.21	53.45	74.00	100	100	-20.55	
	2599.198	54.38	AVG	-4.21	50.17	54.00	100	100	-3.83	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

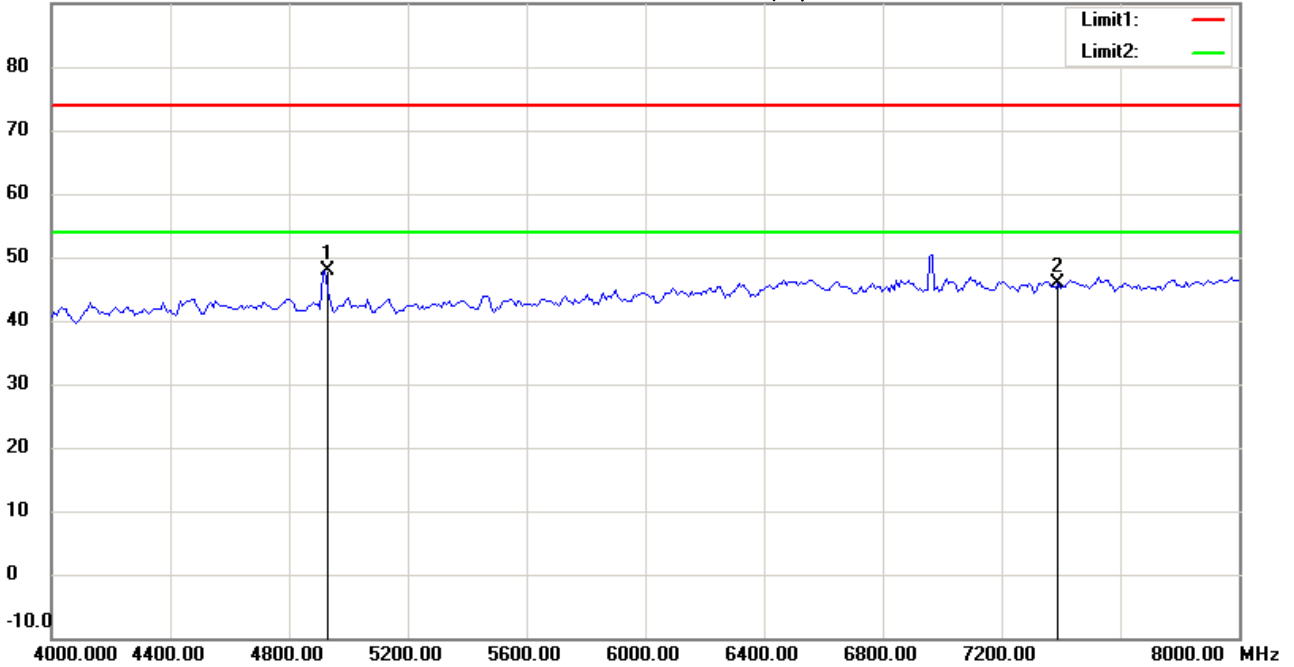
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:08:11

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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	47.04	peak	0.80	47.84	74.00	100	150	-26.16	
	7386.000	41.13	peak	4.71	45.84	74.00	100	220	-28.16	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

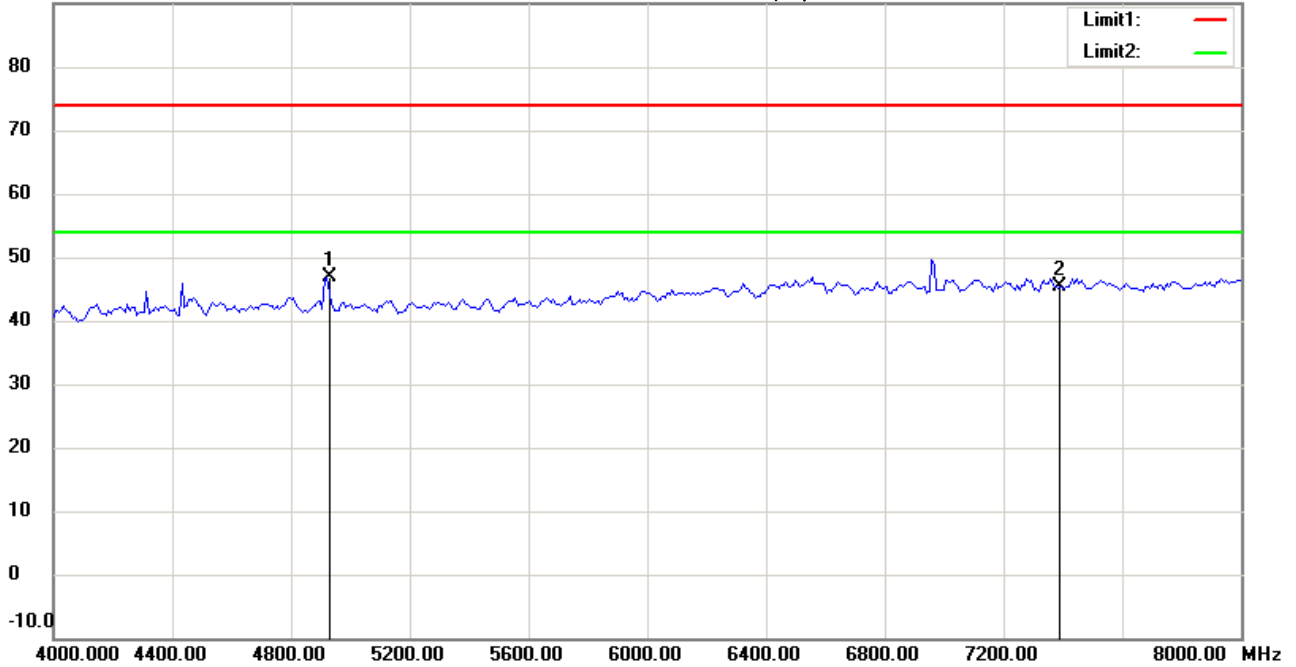
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:10:56

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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	45.98	peak	0.80	46.78	74.00	100	300	-27.22	
	7386.000	40.69	peak	4.71	45.40	74.00	100	215	-28.60	





Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

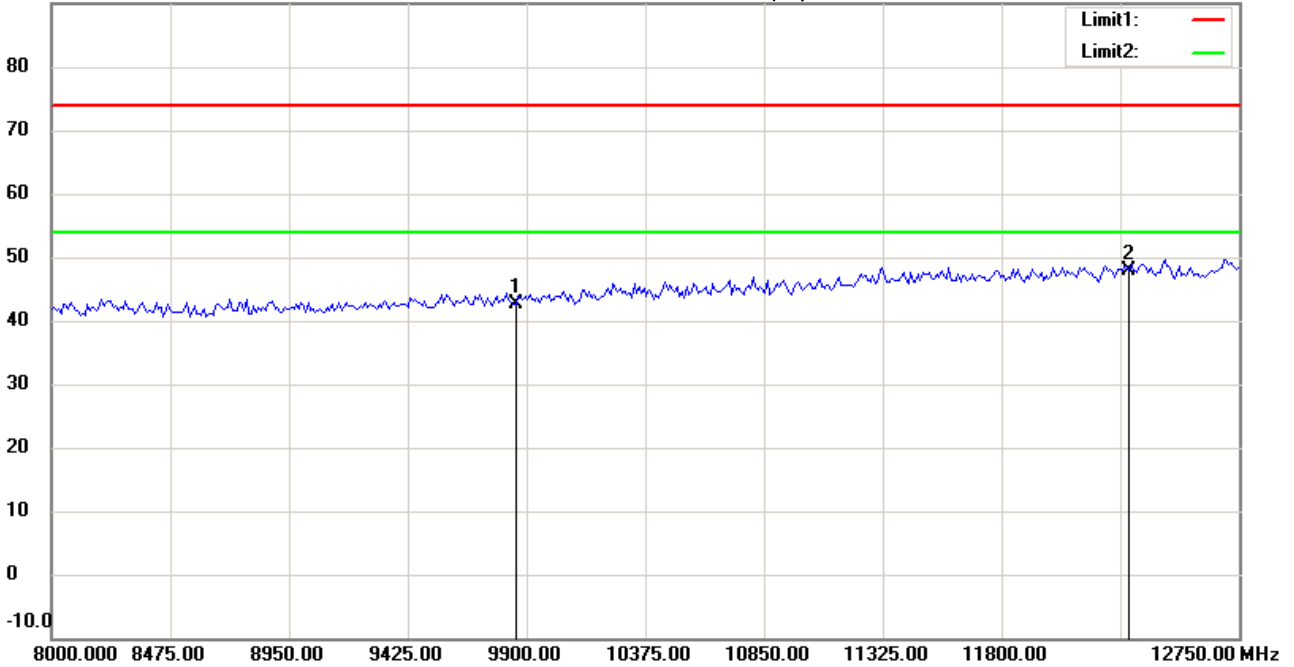
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:09:02

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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	34.55	peak	7.96	42.51	74.00	100	235	-31.49	
*	12310.000	34.18	peak	13.60	47.78	74.00	100	190	-26.22	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

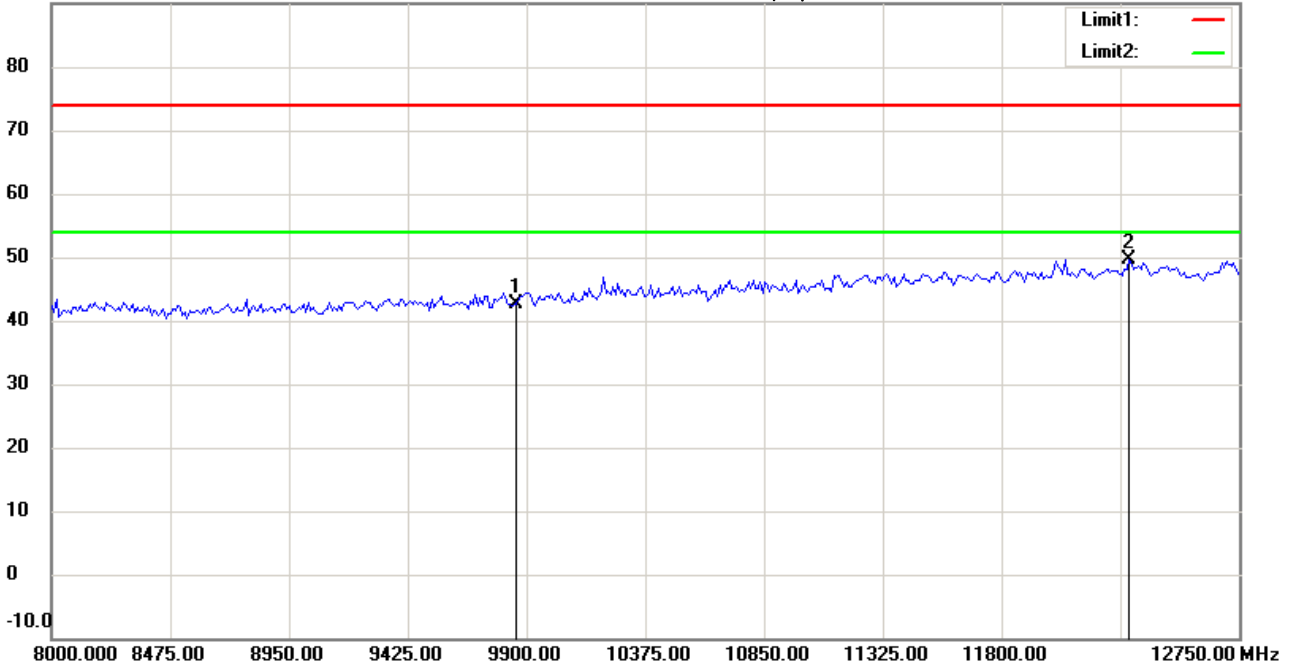
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:11:41

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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	34.64	peak	7.96	42.60	74.00	100	65	-31.40	
*	12310.000	36.09	peak	13.60	49.69	74.00	100	140	-24.31	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

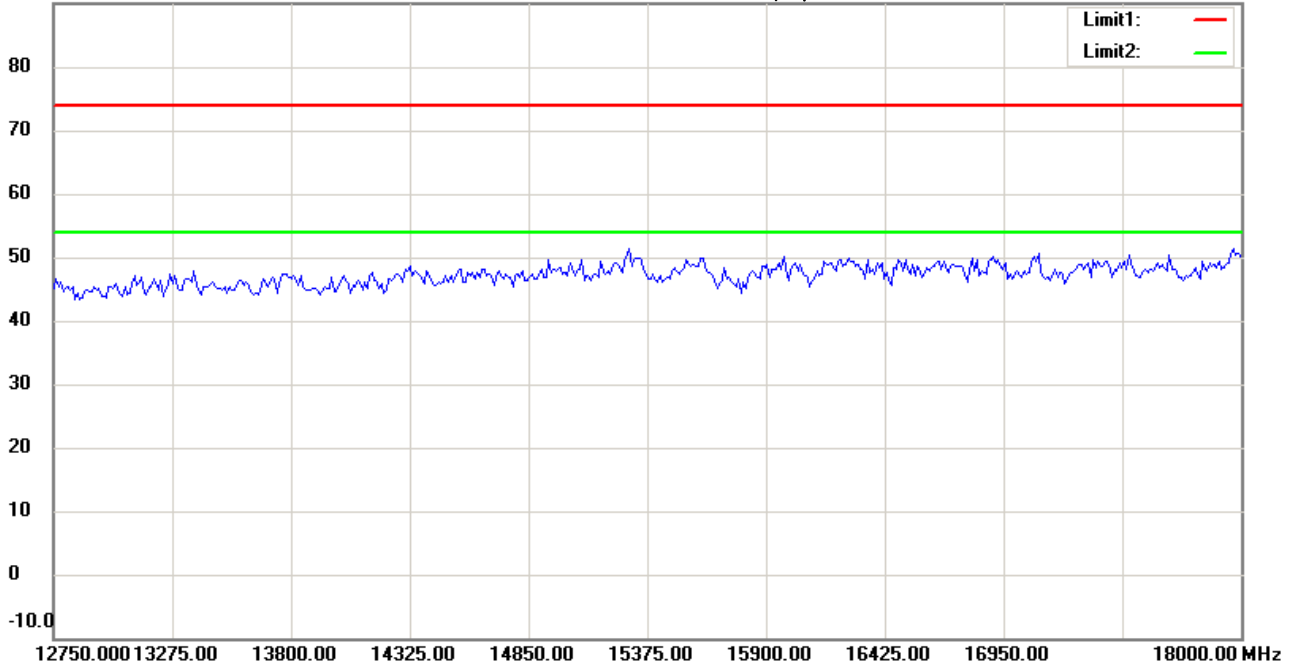
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:09:16

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Roy

File :3

Data :#9

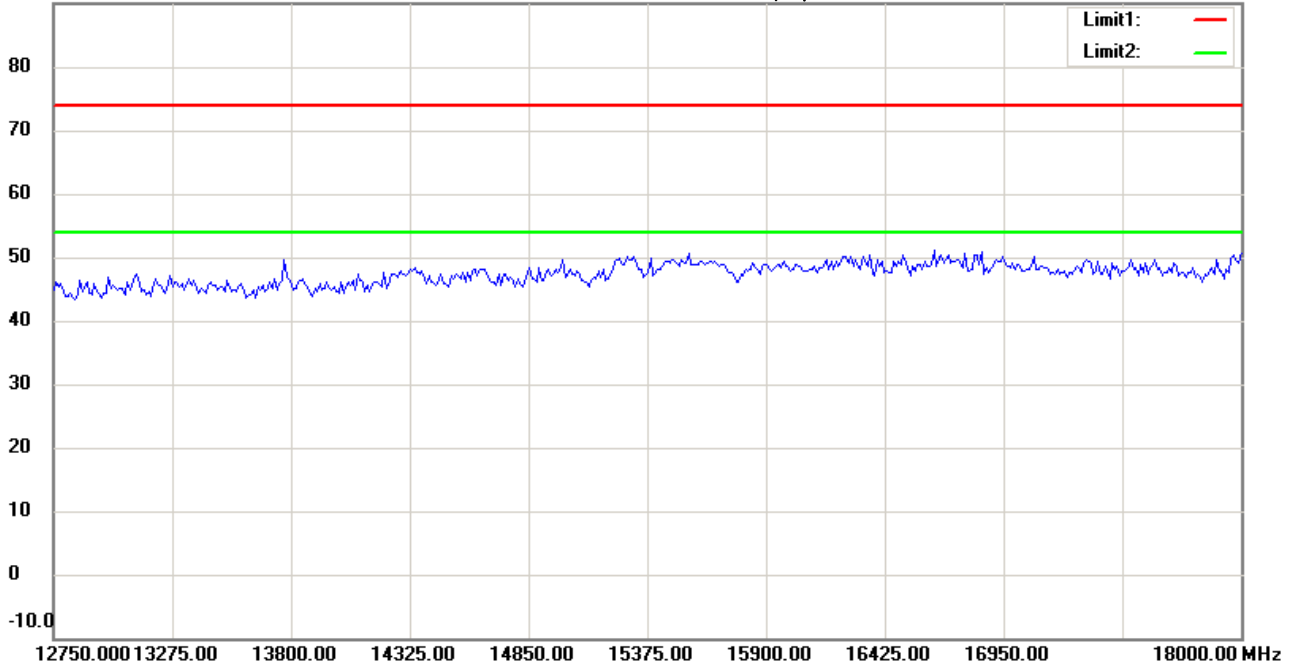
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:11:54

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

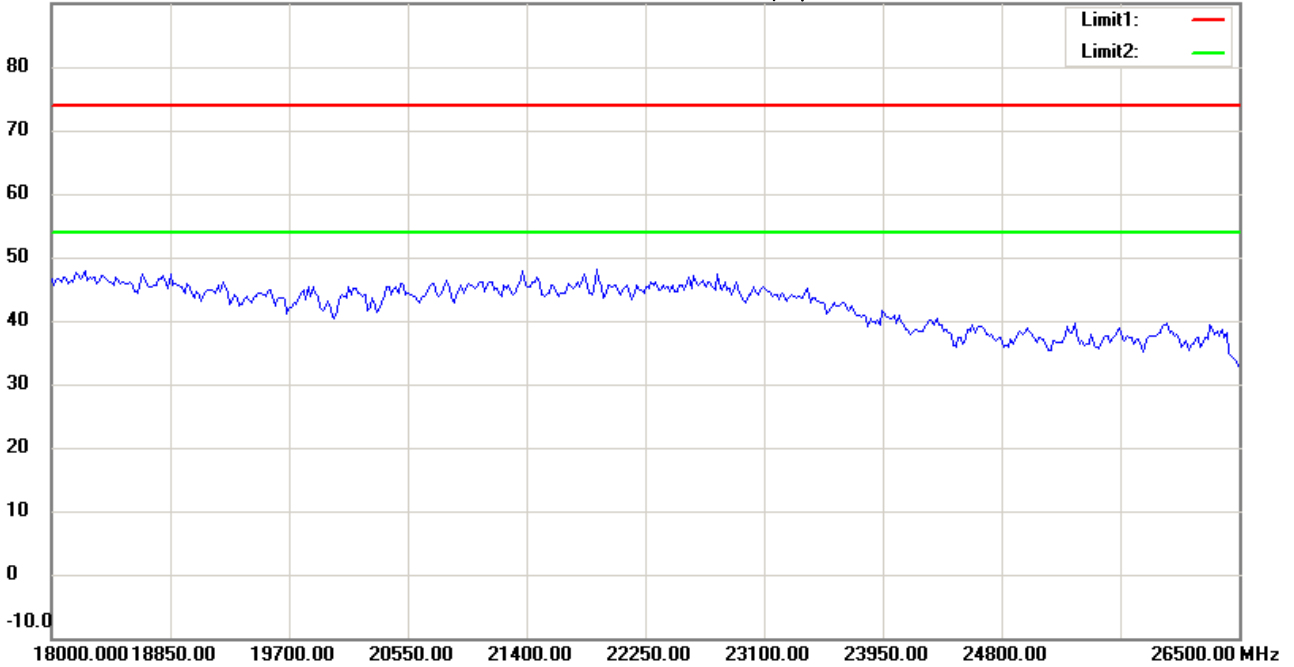
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:09:26

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Roy

File :3

Data :#10

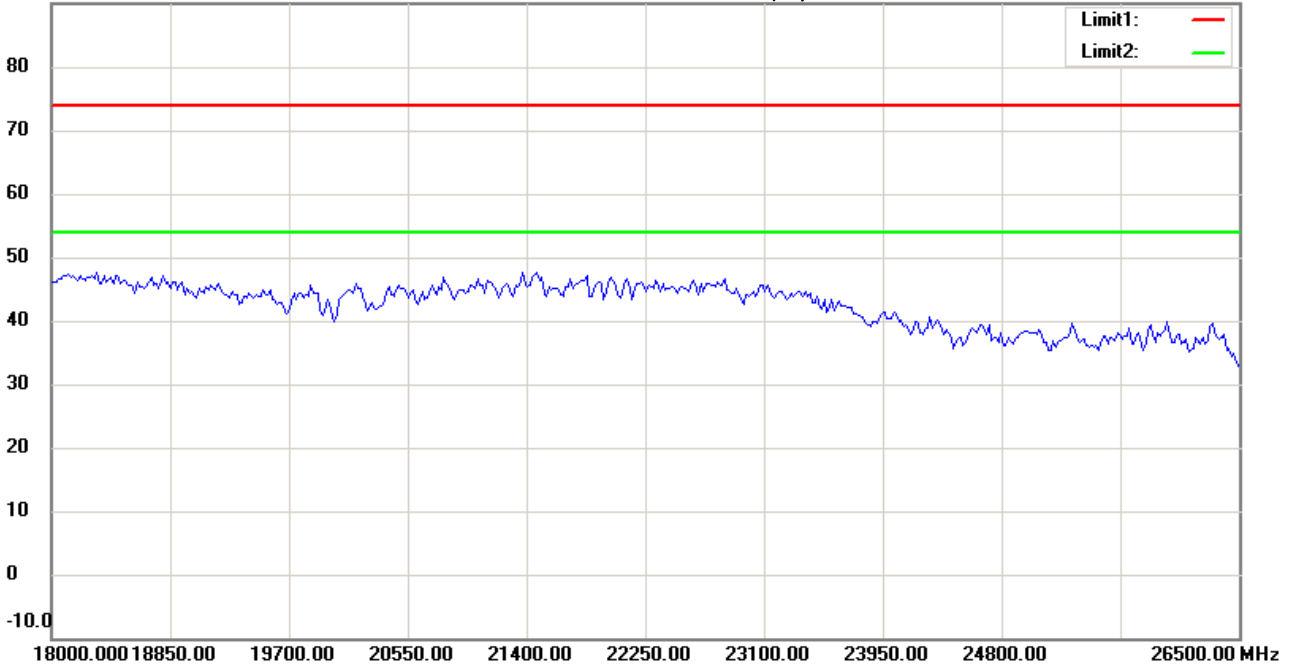
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:12:04

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 20M CH11

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

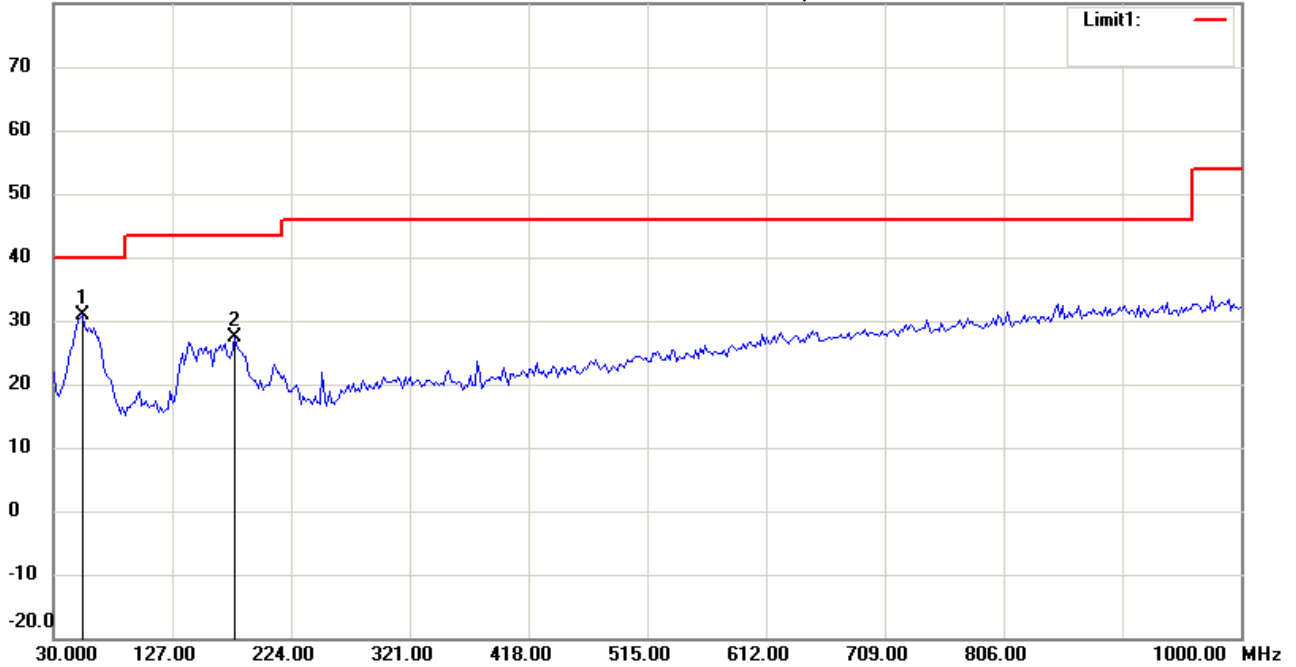
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:54:23

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	16.64	peak	14.12	30.76	40.00	100	215	-9.24	
	177.7355	13.46	peak	14.01	27.47	43.50	100	130	-16.03	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

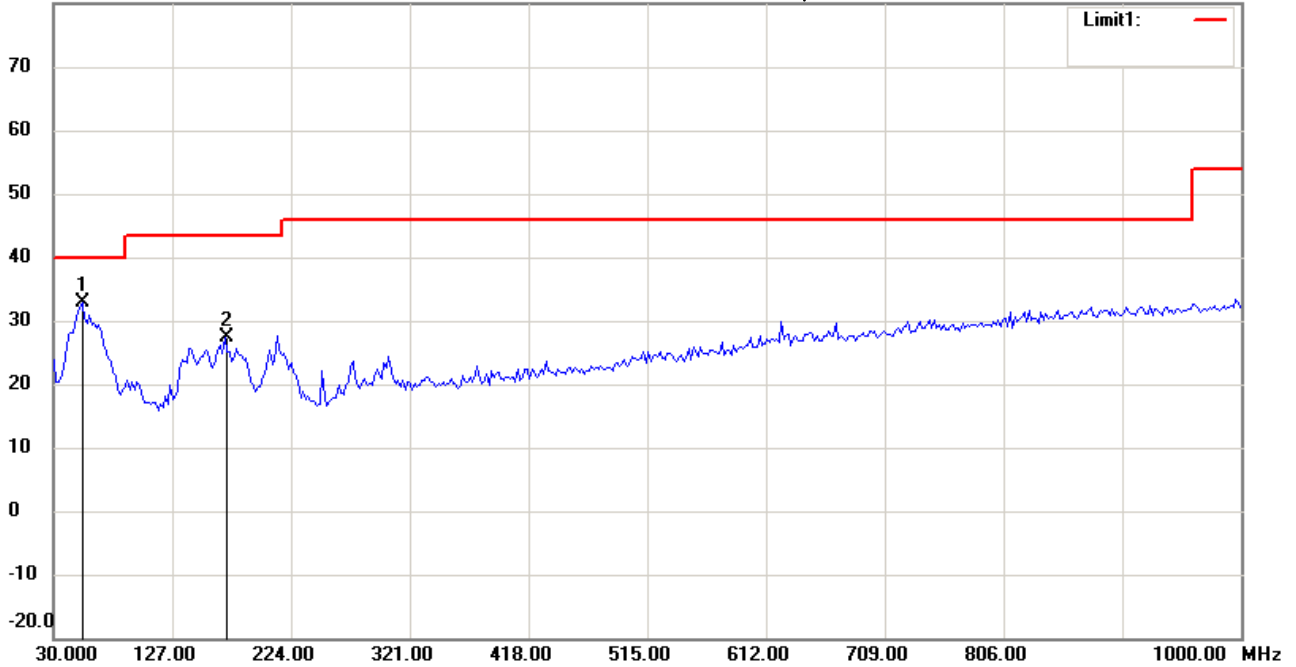
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:55:08

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	18.66	peak	14.12	32.78	40.00	100	65	-7.22	
	169.9600	12.30	peak	15.09	27.39	43.50	100	140	-16.11	





Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

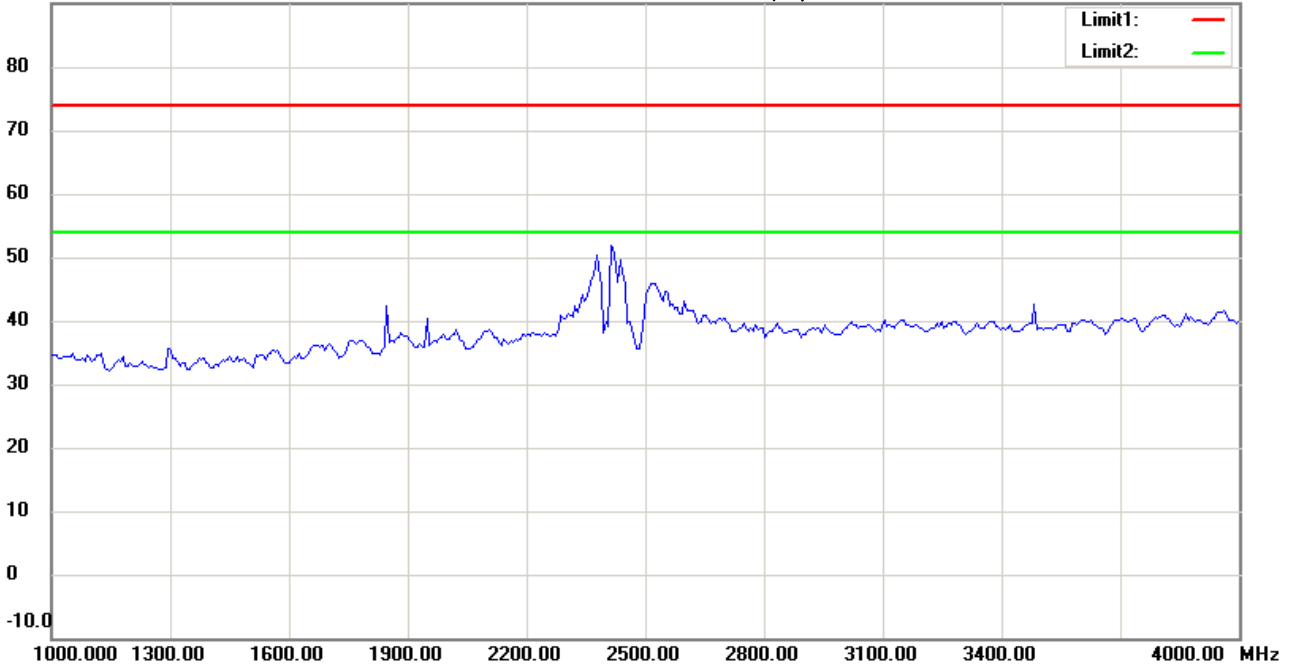
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:25:17

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

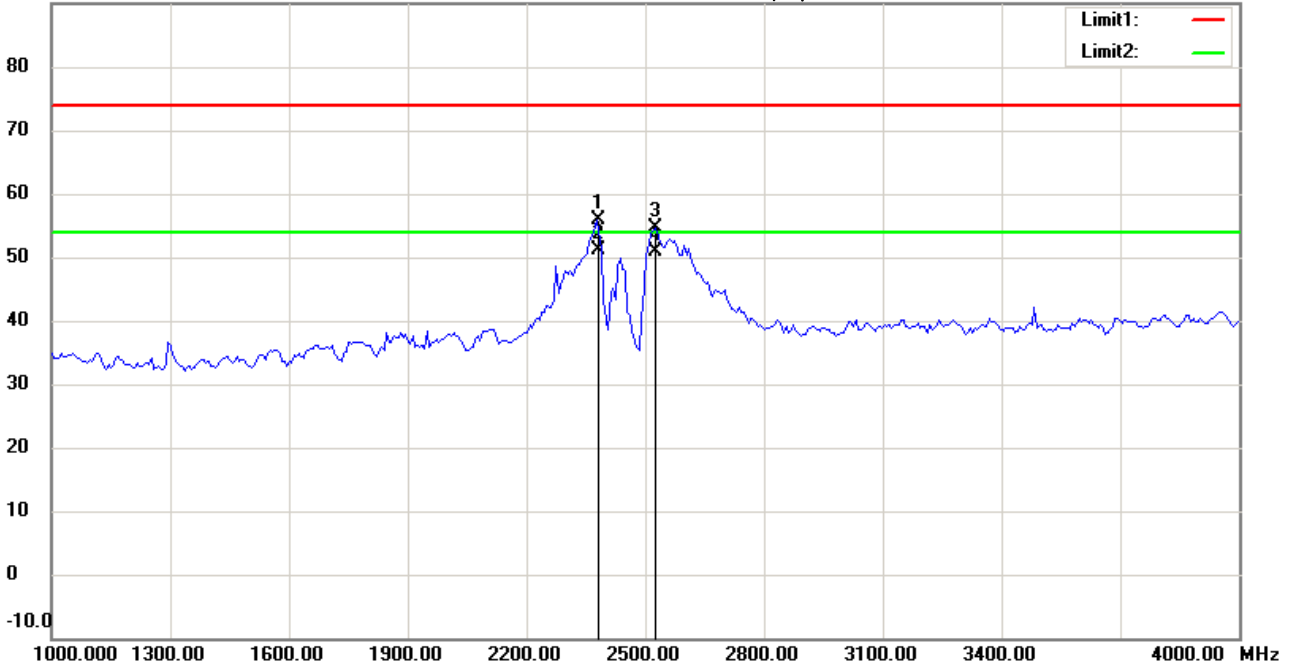
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:28:02

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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
	2378.647	60.76	peak	-4.81	55.95	74.00	100	55	-18.05	
*	2378.647	55.92	AVG	-4.81	51.11	54.00	100	55	-2.89	
	2524.667	59.18	peak	-4.49	54.69	74.00	100	70	-19.31	
	2524.667	55.37	AVG	-4.49	50.88	54.00	100	70	-3.12	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

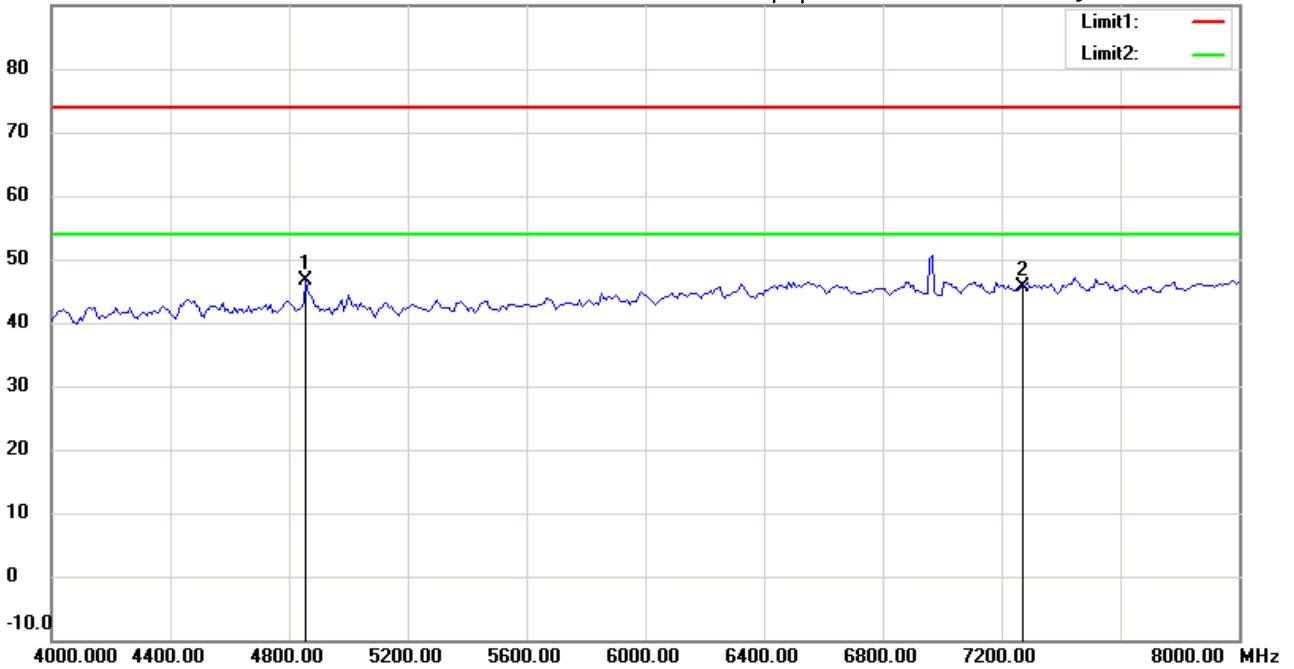
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:26:02

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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
*	4857.715	45.84	peak	0.72	46.56	74.00	100	240	-27.44	
	7266.000	41.30	peak	4.32	45.62	74.00	100	310	-28.38	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

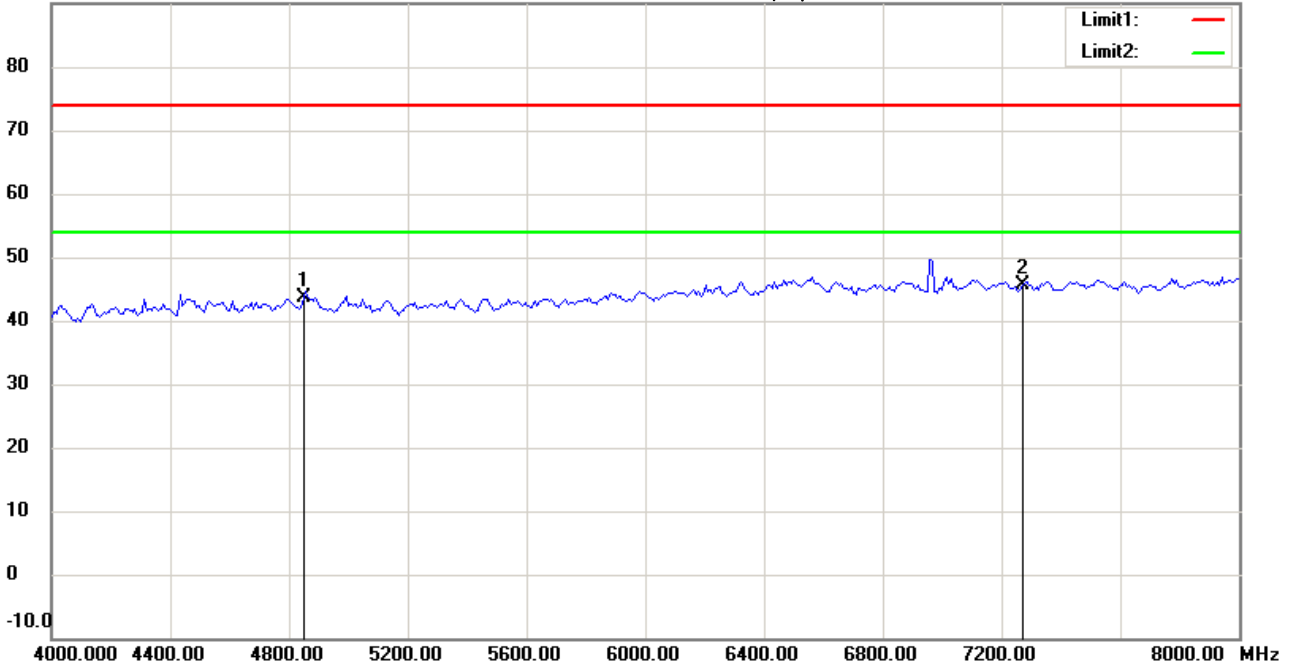
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:28:47

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M CH1

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4844.000	43.02	peak	0.70	43.72	74.00	100	205	-30.28	
*	7266.000	41.24	peak	4.32	45.56	74.00	100	90	-28.44	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

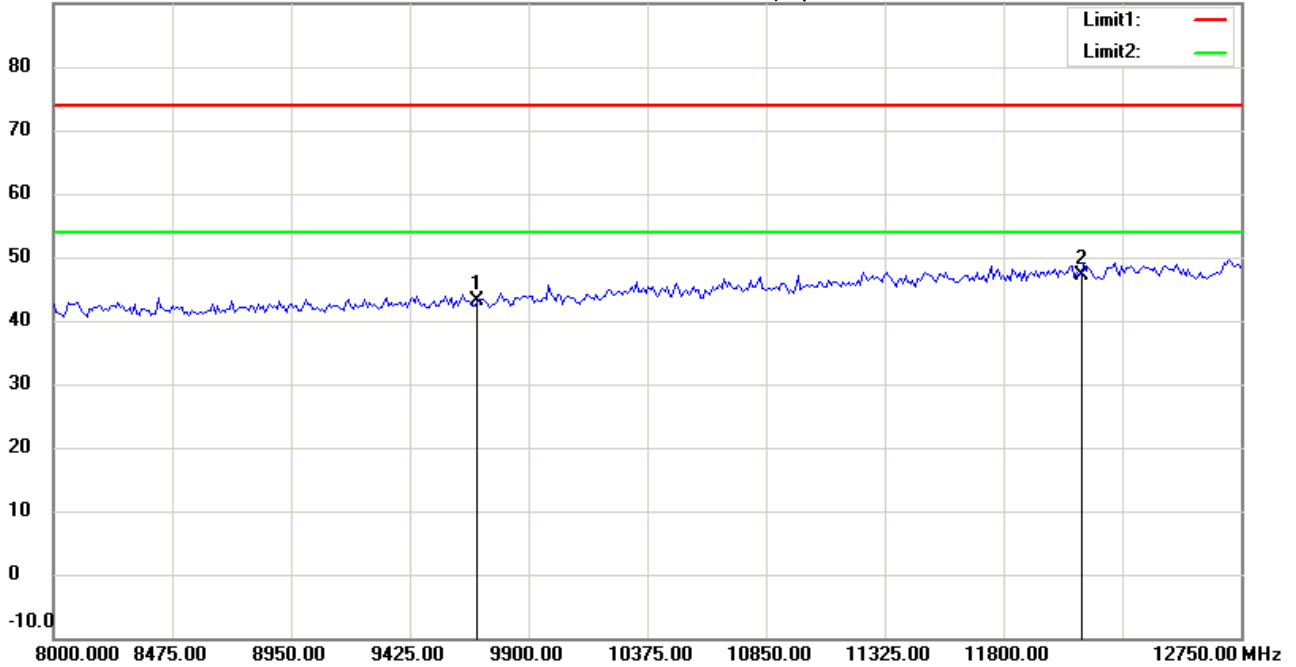
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:26:53

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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	35.70	peak	7.36	43.06	74.00	100	145	-30.94	
*	12110.000	33.75	peak	13.50	47.25	74.00	100	35	-26.75	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

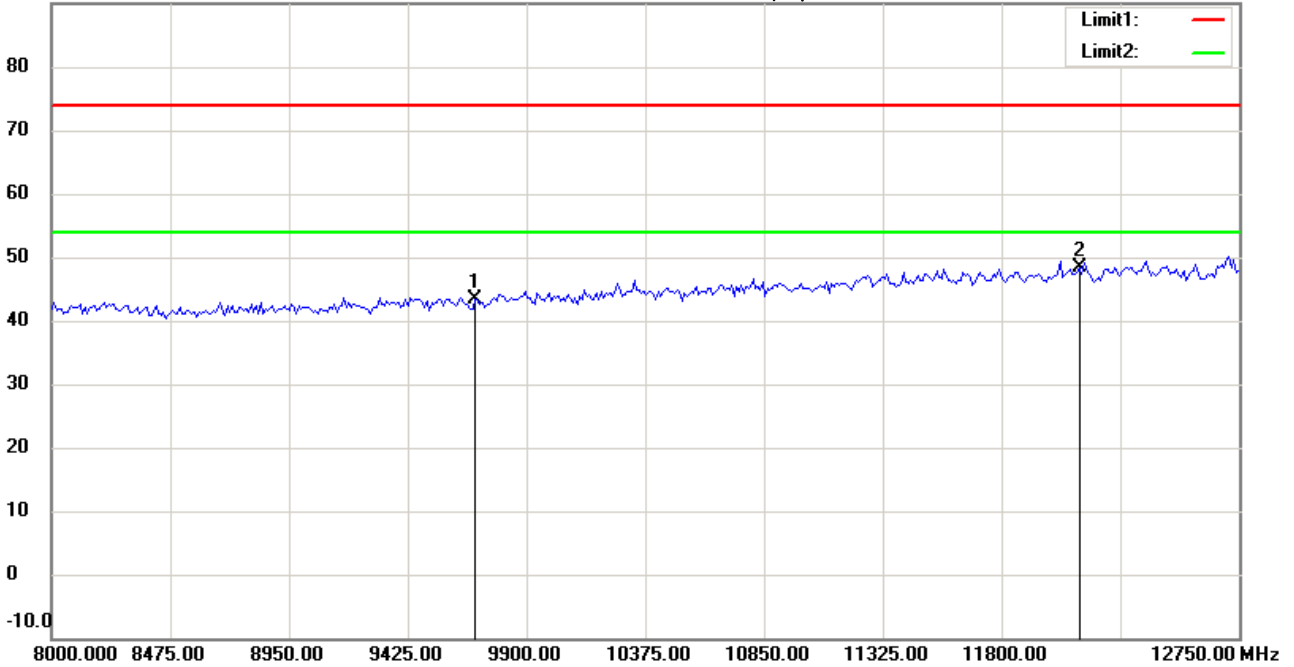
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:29:32

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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	36.01	peak	7.36	43.37	74.00	100	225	-30.63	
*	12110.000	34.99	peak	13.50	48.49	74.00	100	130	-25.51	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

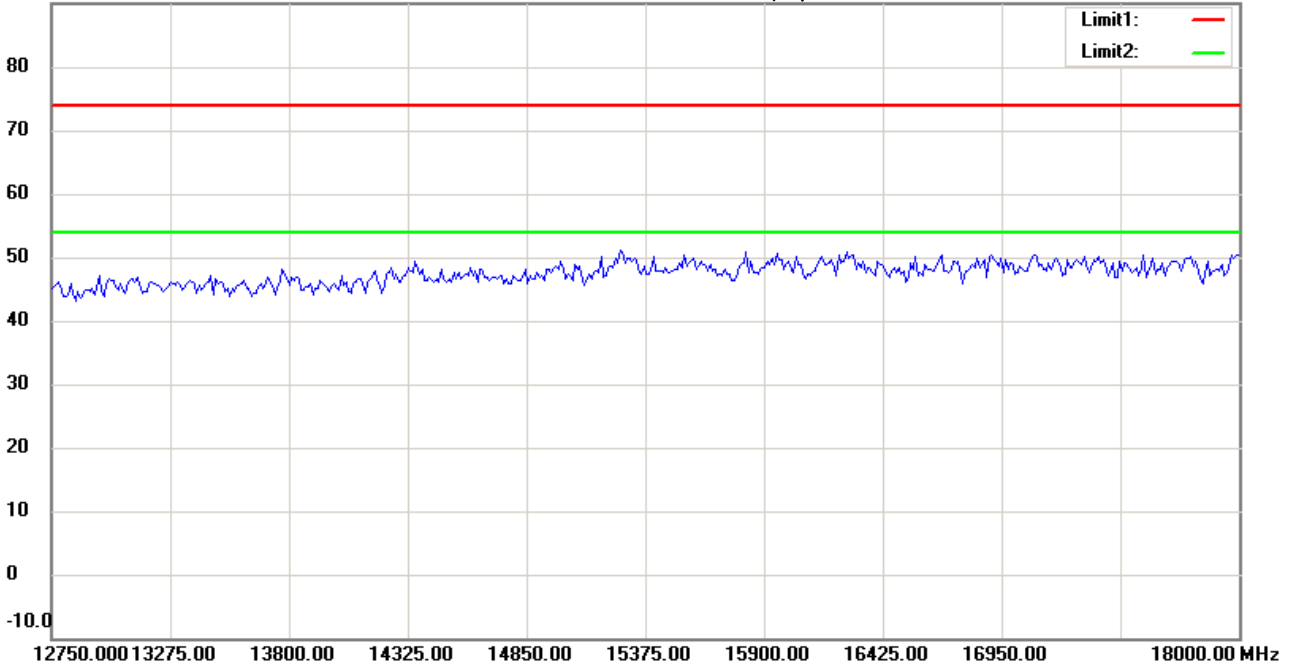
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:27:07

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

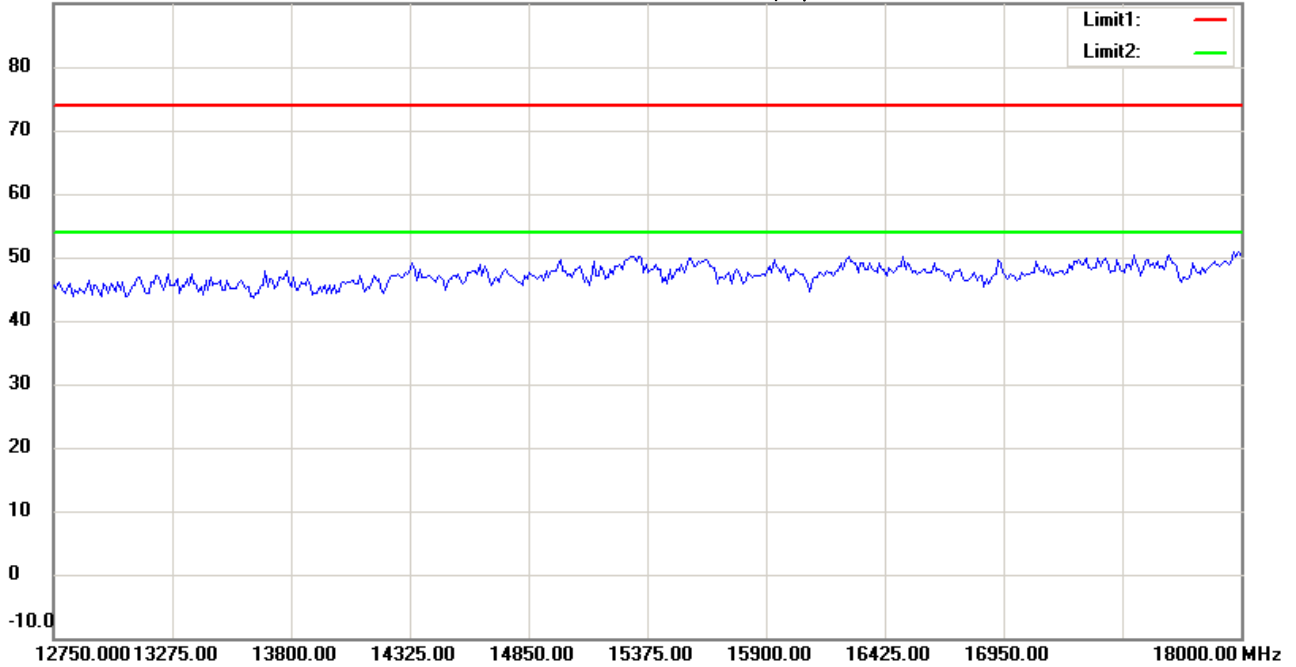
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:29:45

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

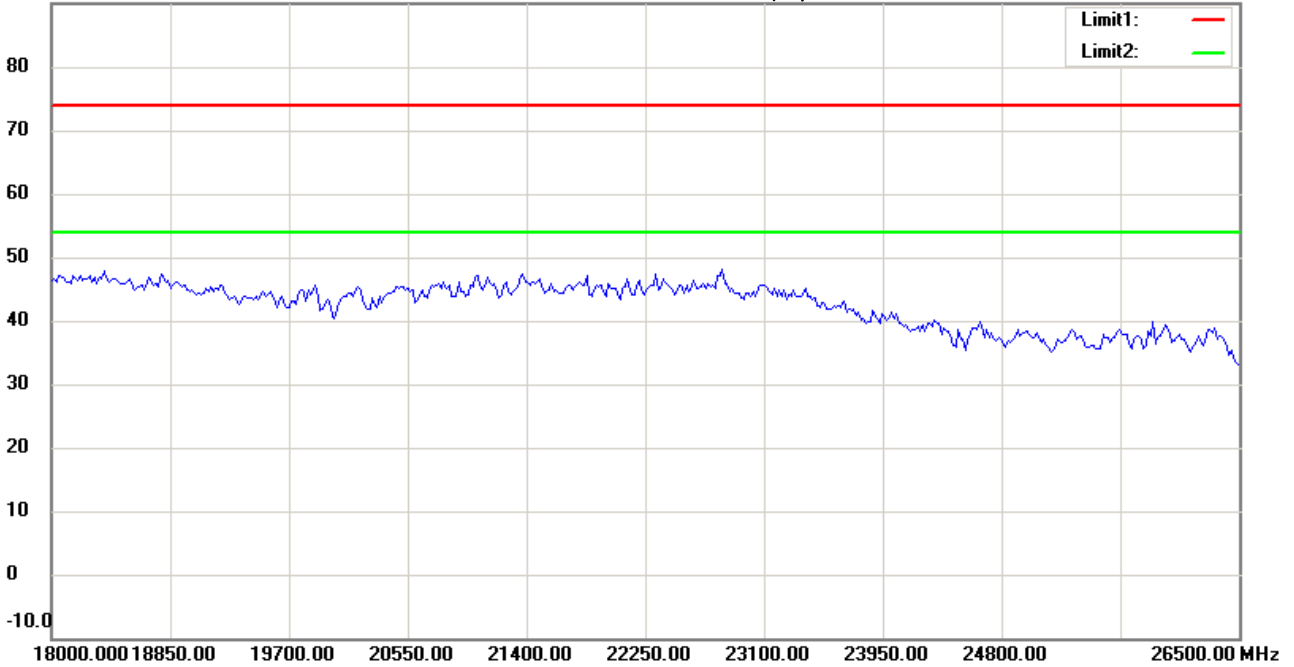
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:27:17

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Roy

File :3

Data :#10

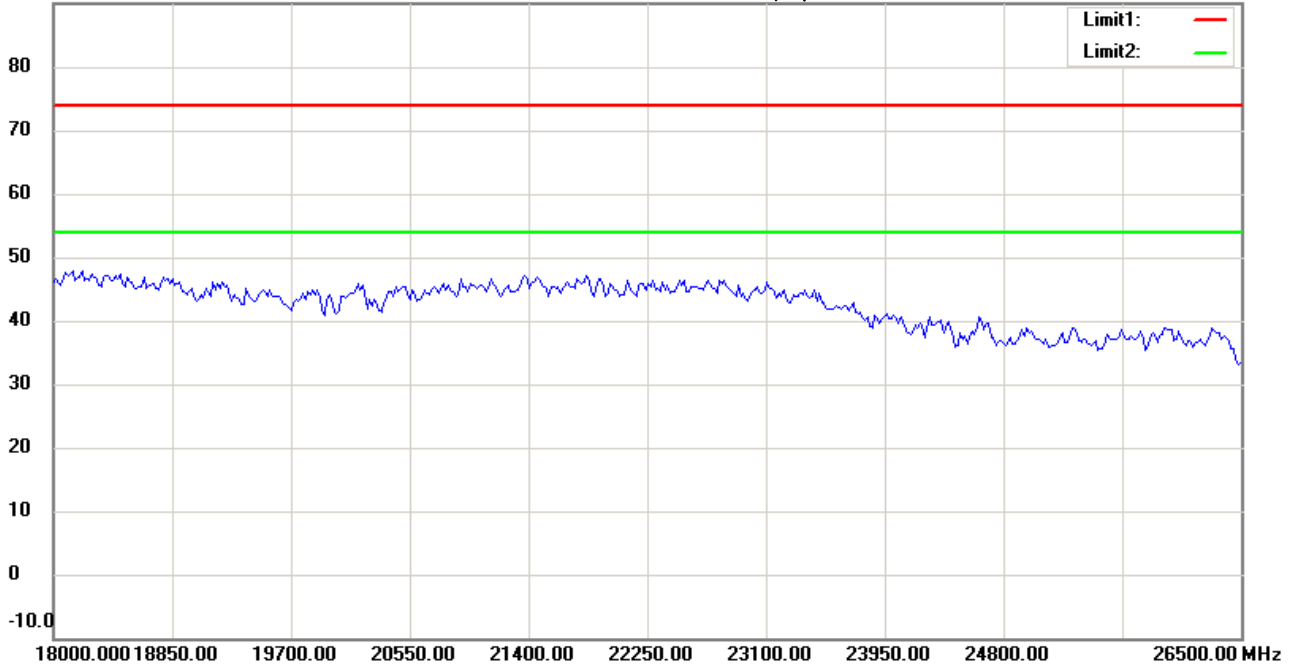
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:29:55

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 40M CH1

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

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

Operator: Leon

File :1

Data :#1

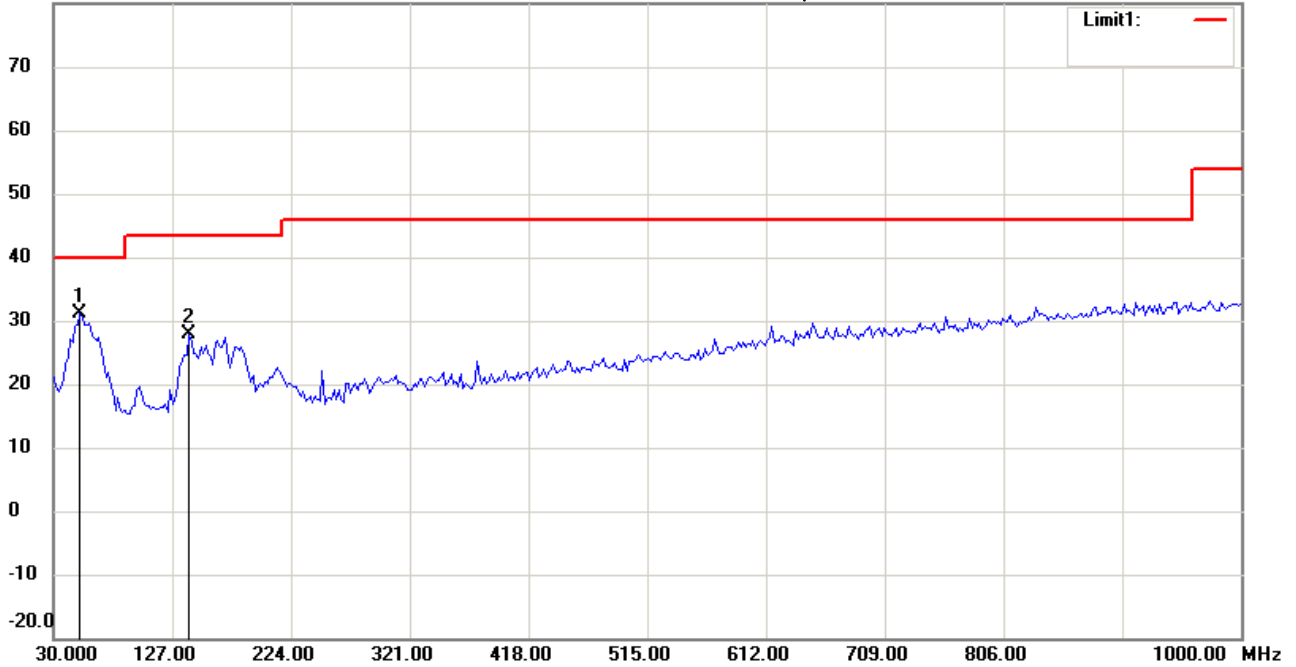
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:57:18

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3828	16.73	peak	14.41	31.14	40.00	100	135	-8.86	
	140.8015	12.53	peak	15.41	27.94	43.50	100	60	-15.56	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

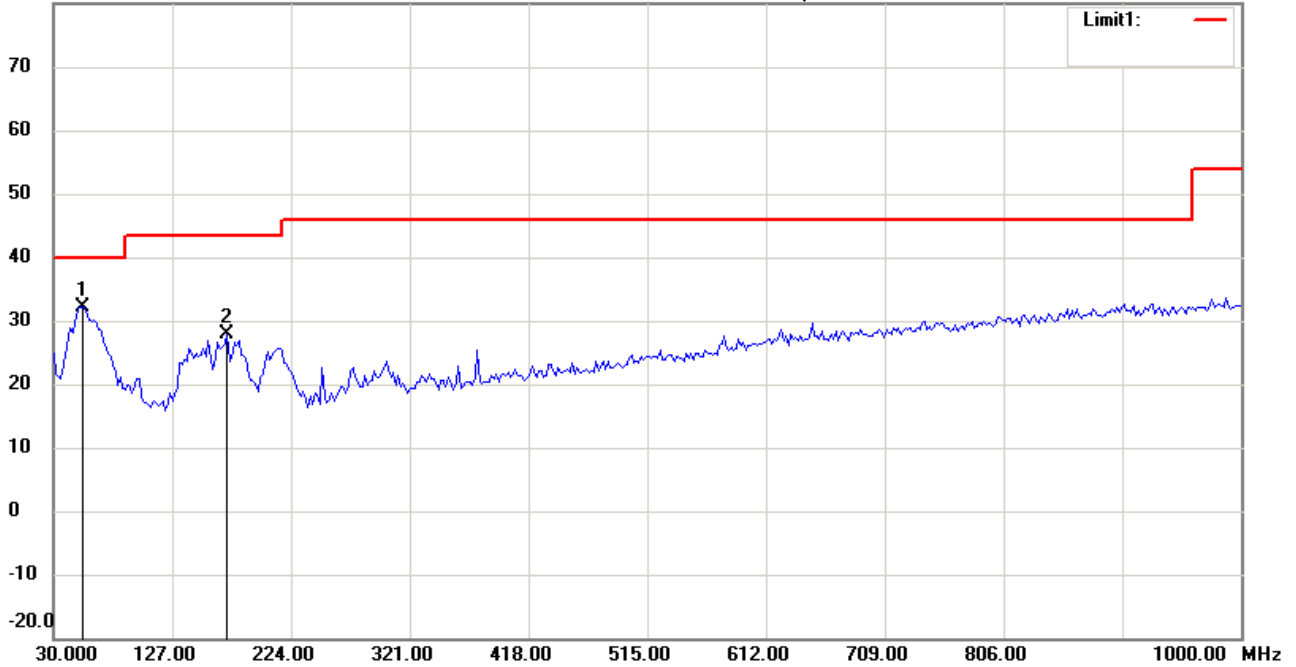
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 07:58:03

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 40M CH4

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	18.13	peak	14.12	32.25	40.00	100	55	-7.75	
	171.9038	12.94	peak	14.83	27.77	43.50	100	140	-15.73	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

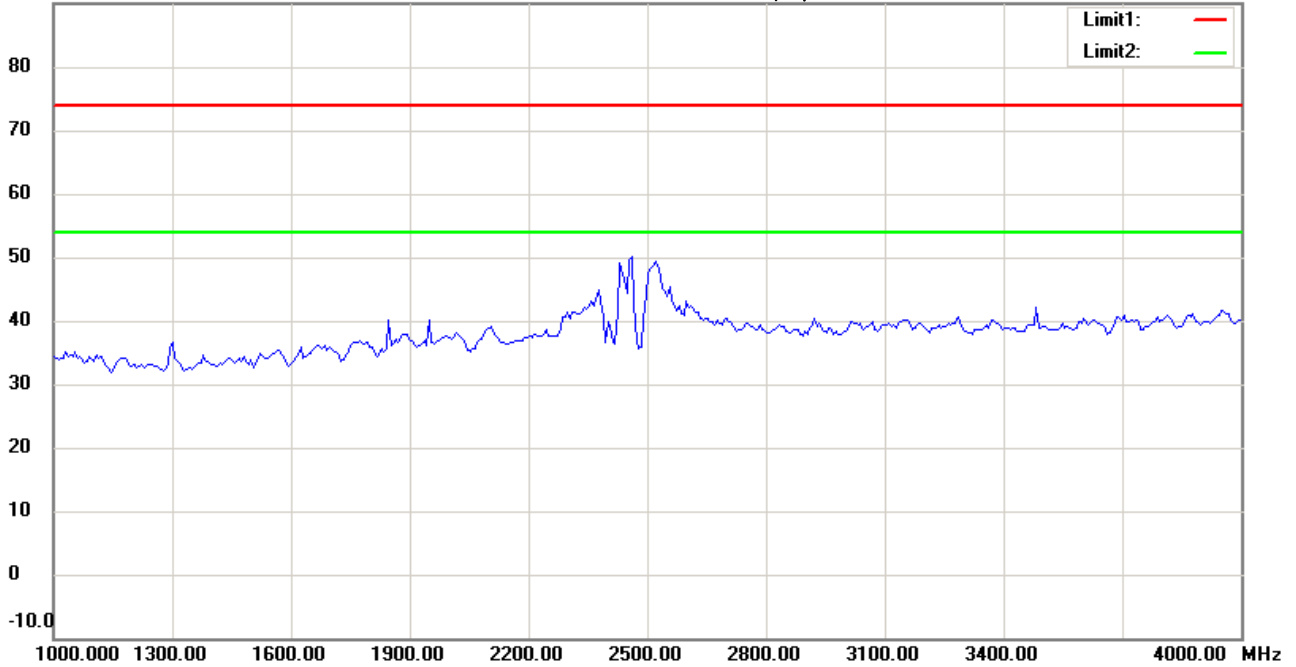
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:36:49

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

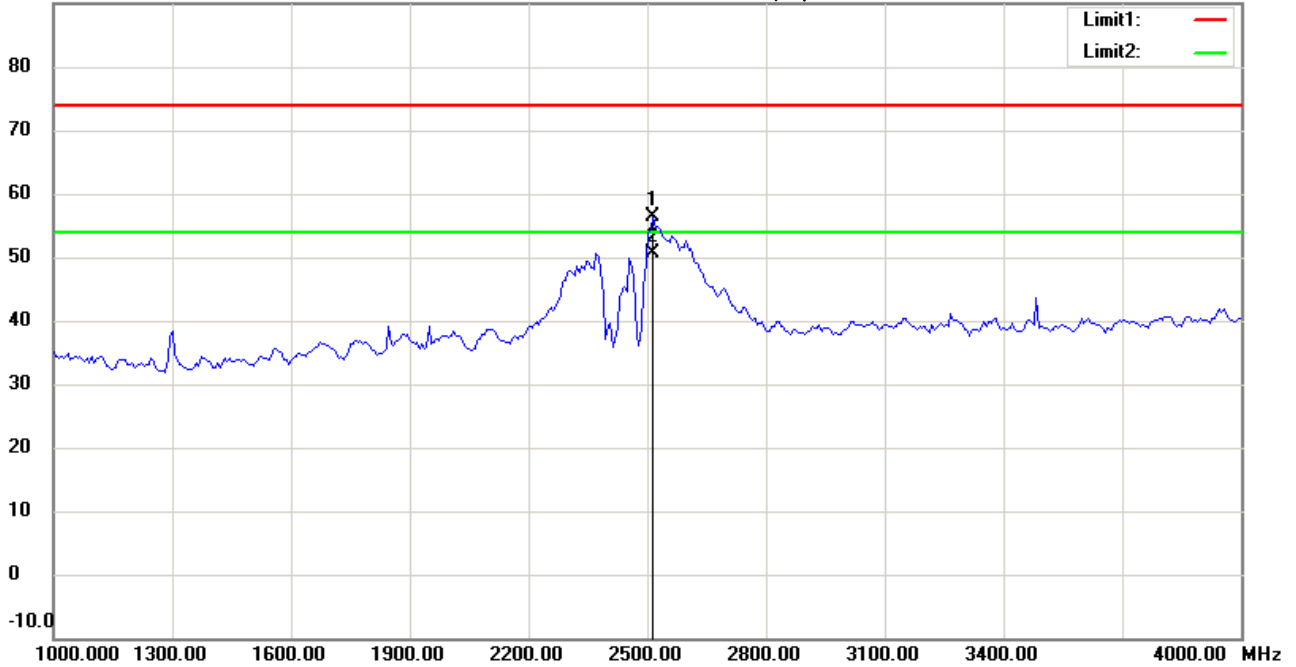
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:39:34

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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
	2514.379	61.01	peak	-4.53	56.48	74.00	100	70	-17.52	
*	2514.379	55.22	AVG	-4.53	50.69	54.00	100	70	-3.31	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

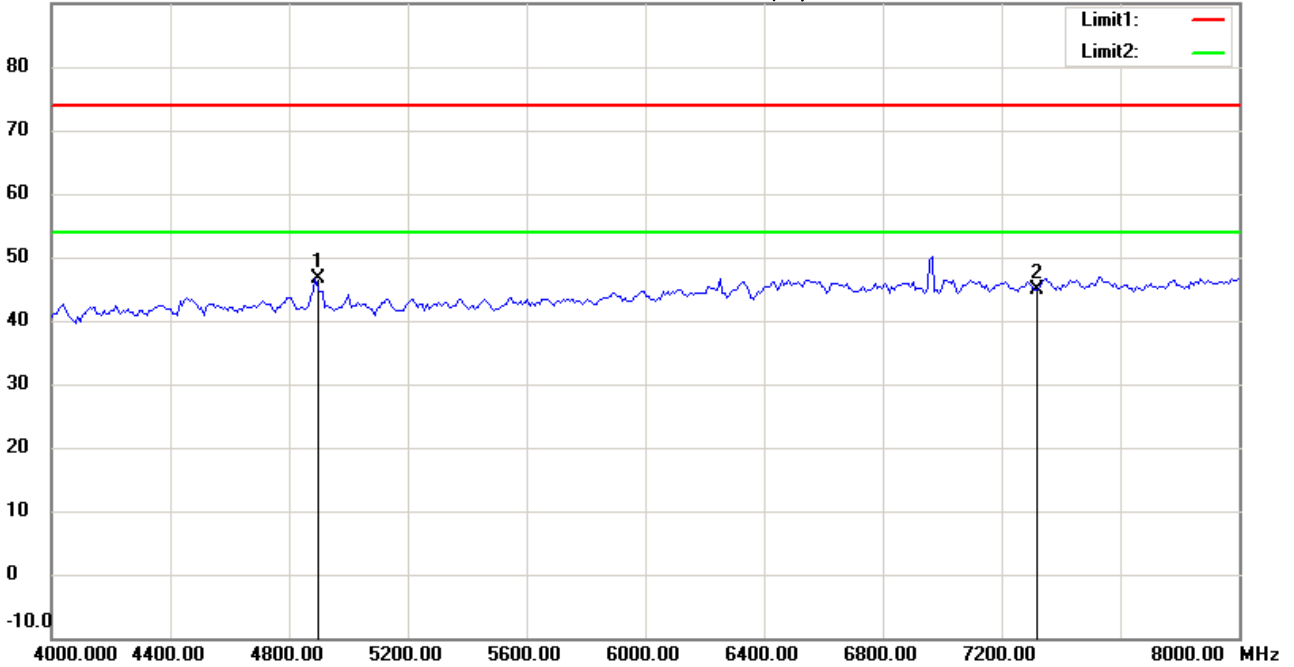
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:37:34

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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
*	4889.780	45.77	peak	0.75	46.52	74.00	100	155	-27.48	
	7311.000	40.45	peak	4.39	44.84	74.00	100	210	-29.16	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

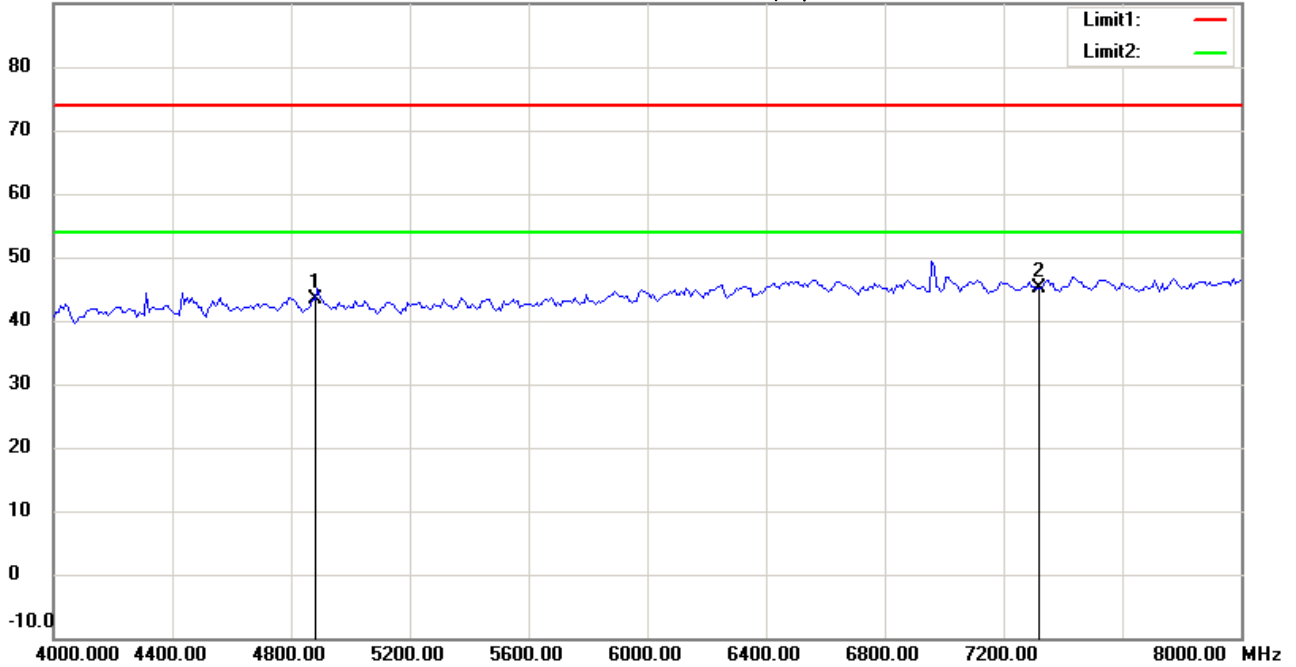
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:40:19

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M CH4

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	4874.000	42.56	peak	0.73	43.29	74.00	100	160	-30.71	
*	7311.000	40.64	peak	4.39	45.03	74.00	100	50	-28.97	





Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

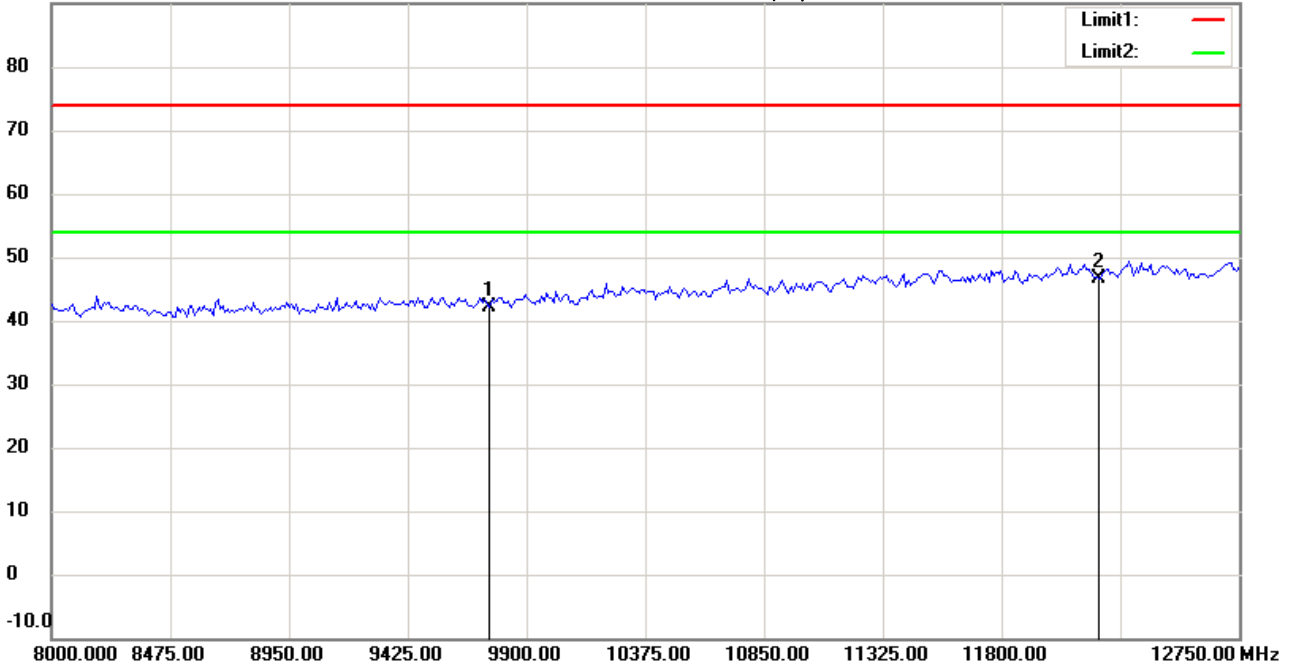
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:38:26

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M CH4

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9748.000	34.55	peak	7.58	42.13	74.00	100	250	-31.87	
*	12185.000	32.88	peak	13.77	46.65	74.00	100	320	-27.35	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

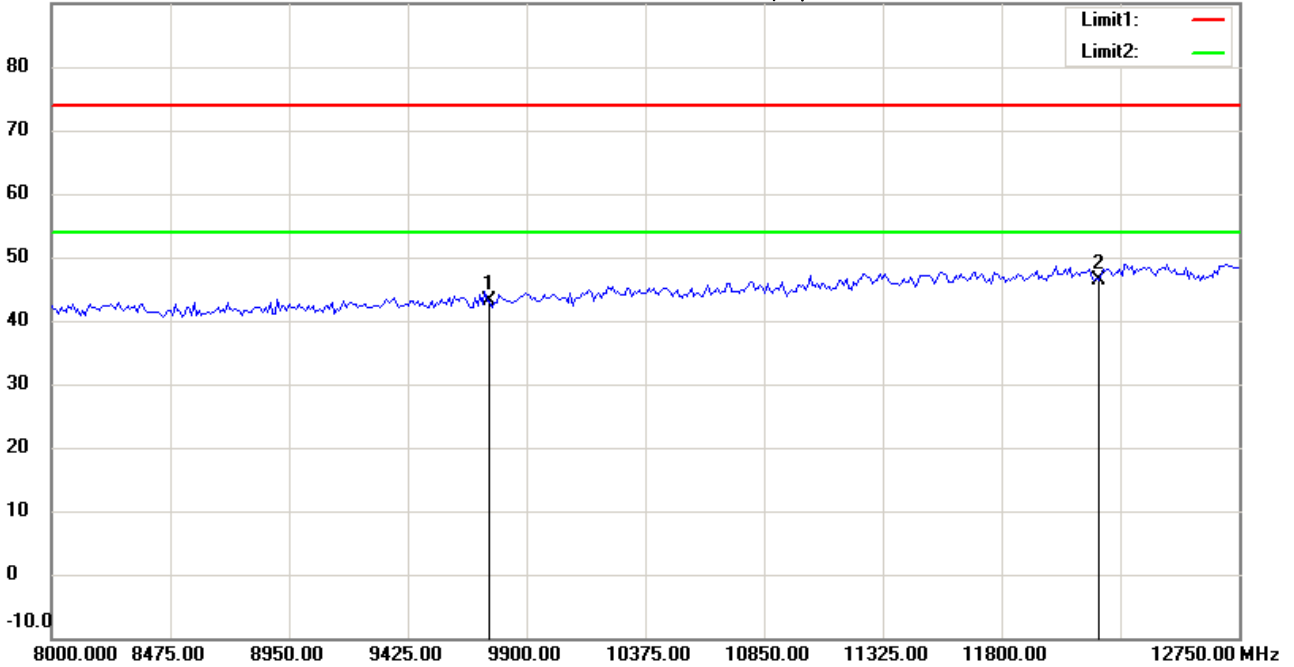
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:41:03

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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	35.55	peak	7.58	43.13	74.00	100	230	-30.87	
*	12185.000	32.64	peak	13.77	46.41	74.00	100	105	-27.59	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

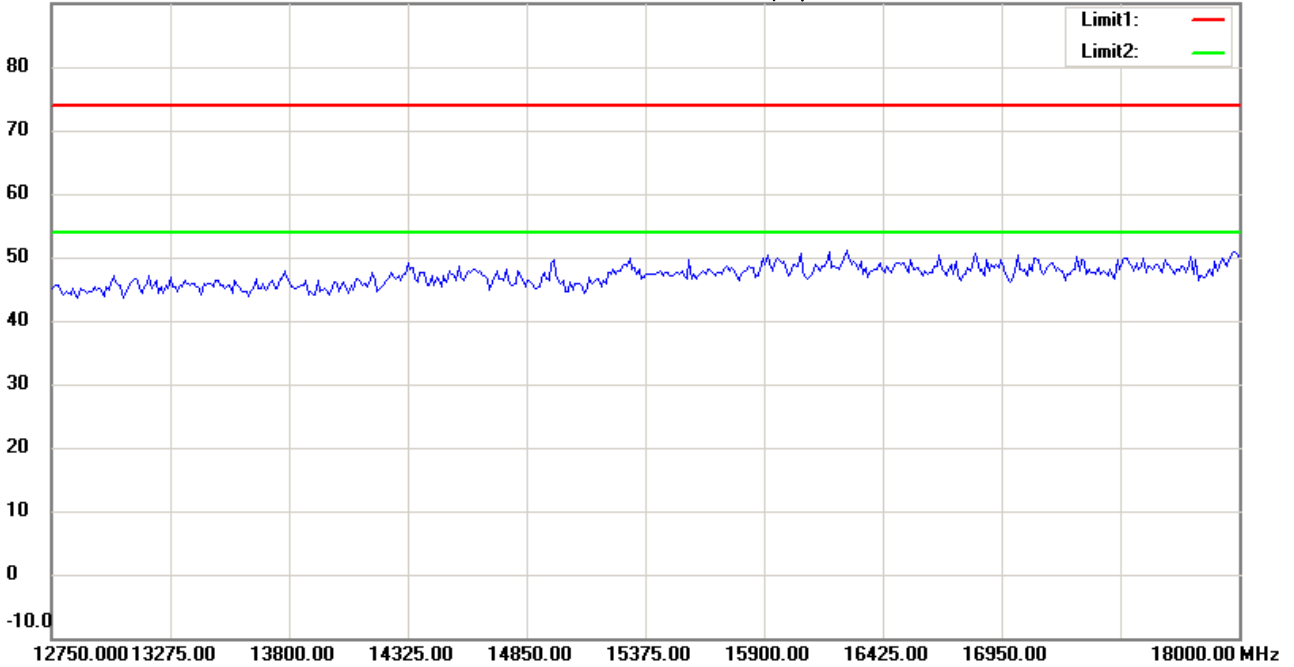
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:38:39

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

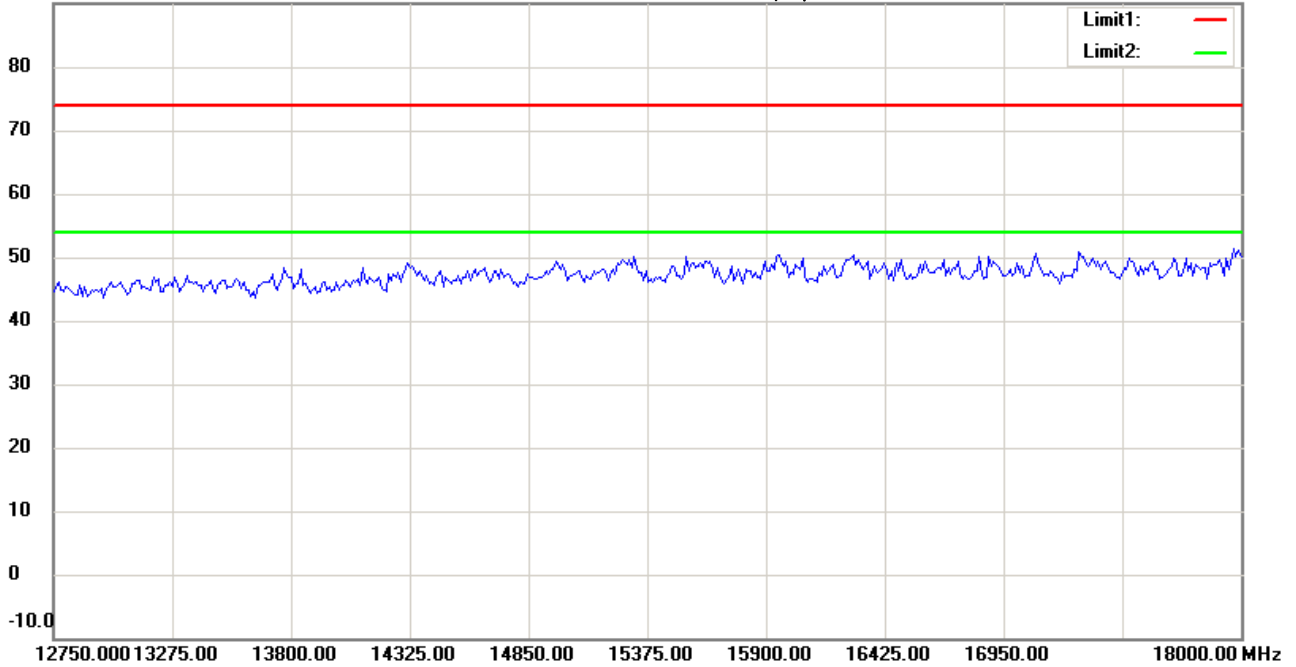
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:41:17

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

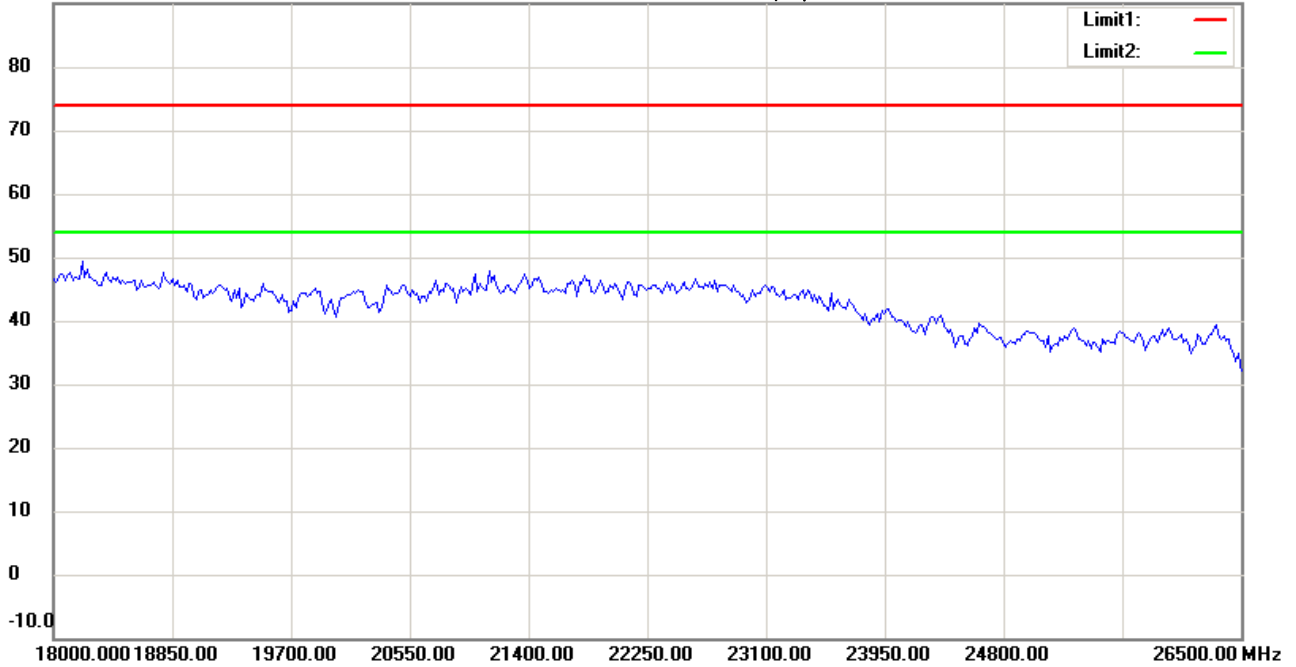
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:38:49

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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



Radiated Emission Measurement

Operator: Roy

File :3

Data :#10

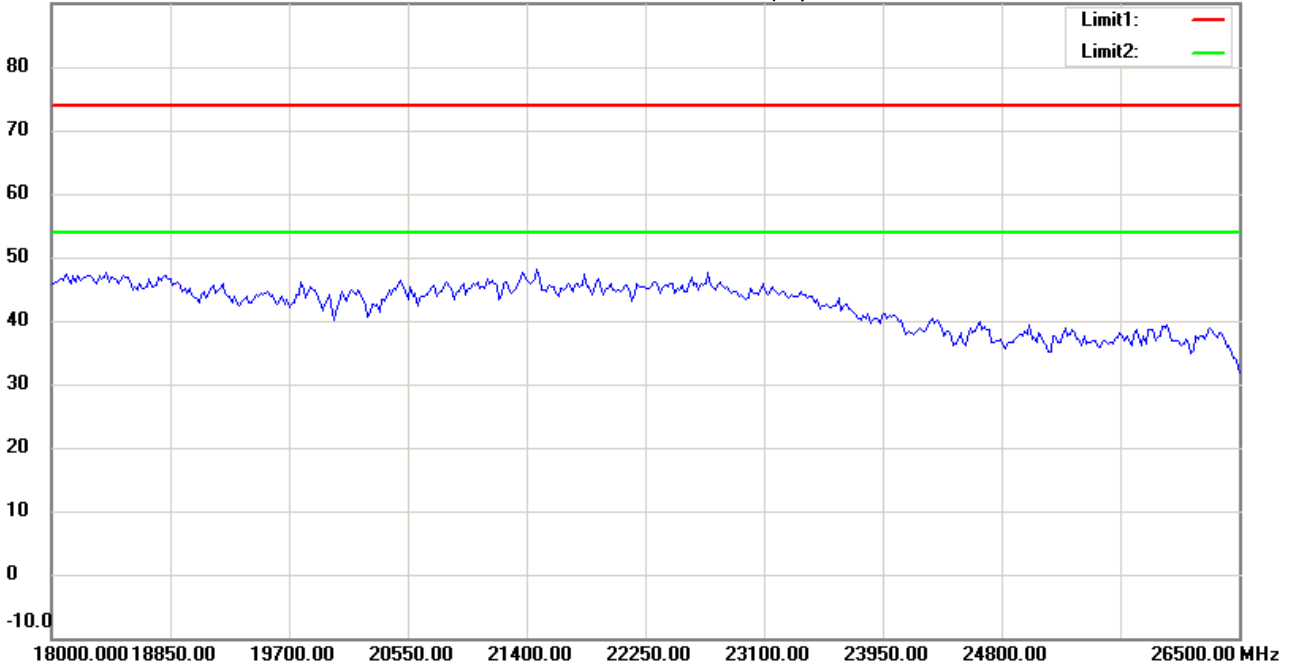
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:41:27

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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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Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

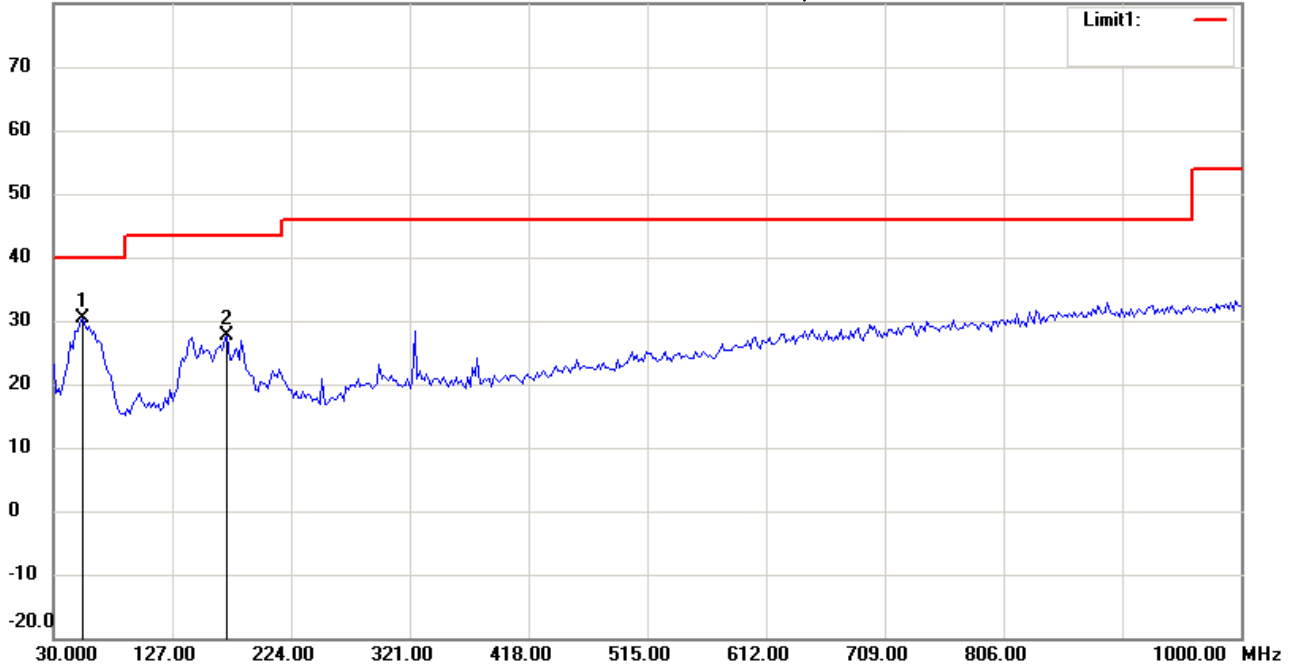
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 08:00:38

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.3267	16.21	peak	14.12	30.33	40.00	100	95	-9.67	
	171.9037	12.80	peak	14.83	27.63	43.50	100	130	-15.87	



Radiated Emission Measurement

Operator: Leon

File :1

Data :#2

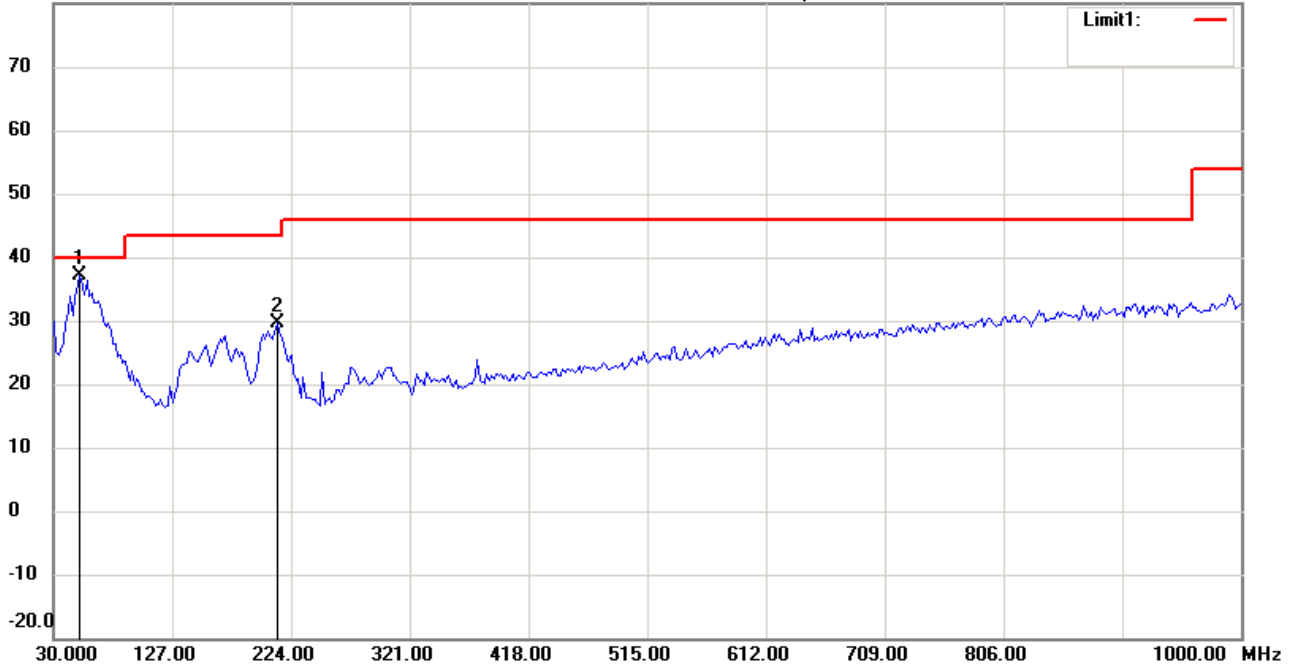
Date: 2015/3/8

Temperature:24 °C

80.0 dBuV/m

Time: 上午 08:01:24

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: *Vertical*

Power : 120 V.a.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3828	22.84	peak	14.41	37.25	40.00	100	25	-2.75	
	212.7255	16.46	peak	13.15	29.61	43.50	100	70	-13.89	





Radiated Emission Measurement

Operator: Roy

File :3

Data :#1

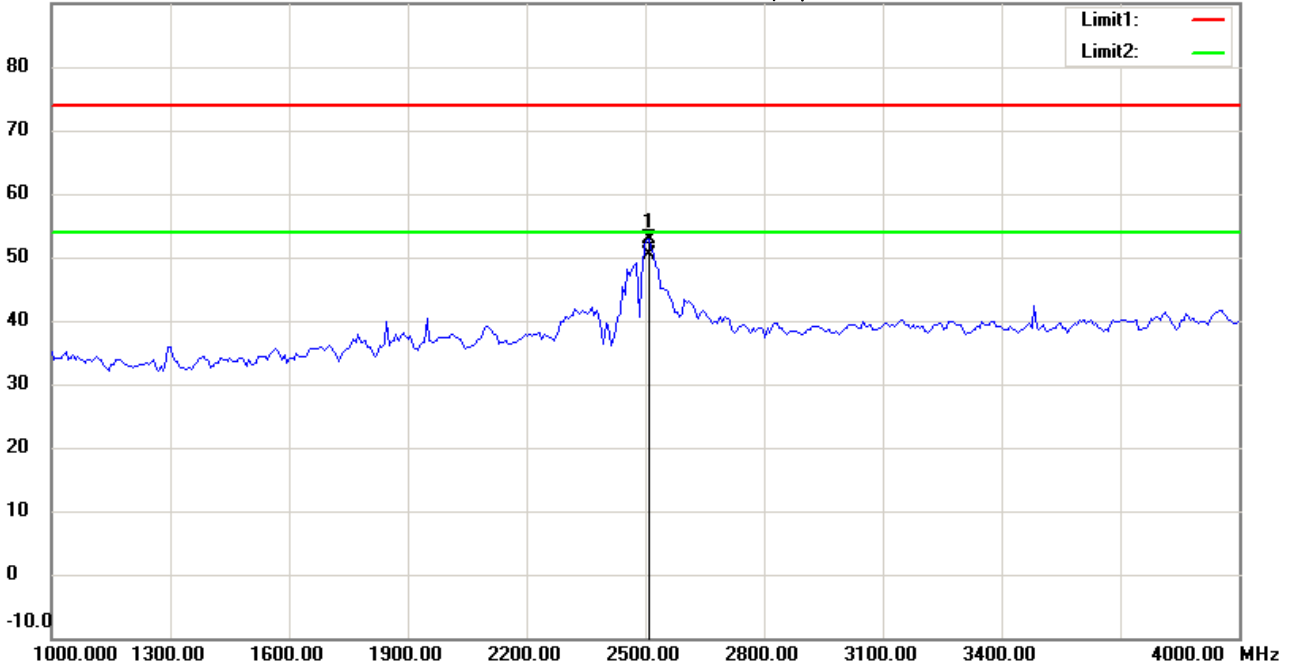
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:46:29

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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
	2509.018	57.39	peak	-4.55	52.84	74.00	100	75	-21.16	
*	2509.018	55.03	AVG	-4.55	50.48	54.00	100	75	-3.52	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#6

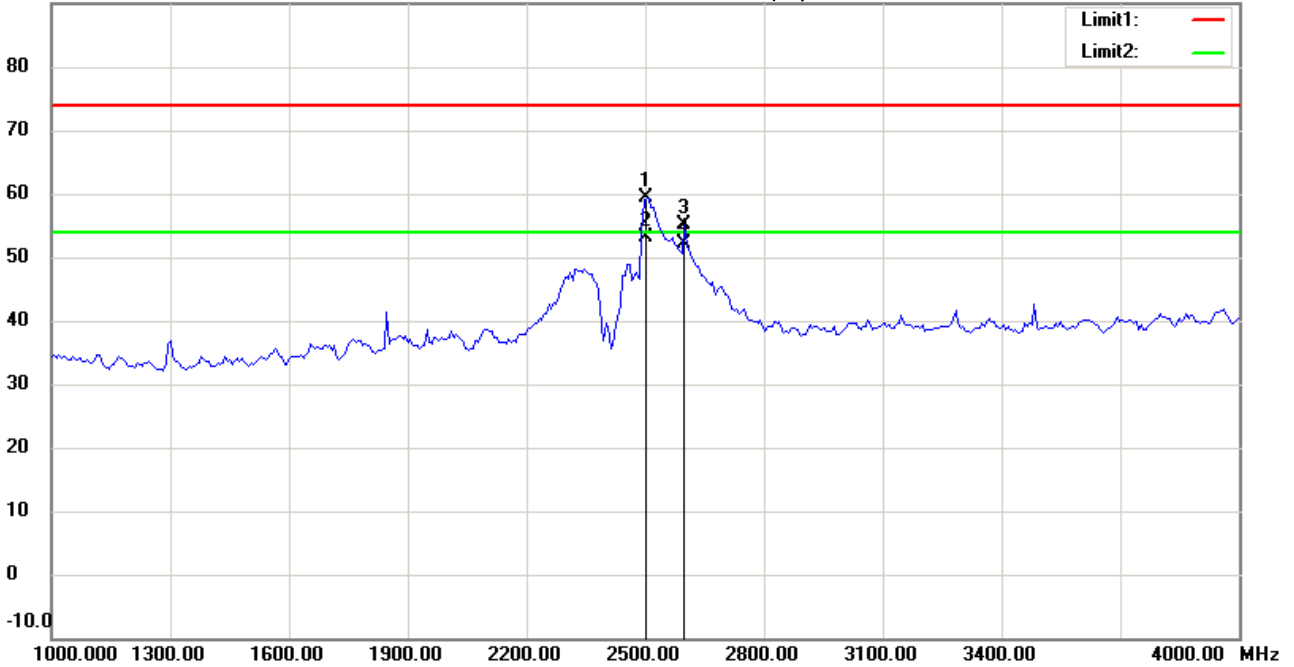
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:49:14

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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
	2500.575	63.98	peak	-4.58	59.40	74.00	100	80	-14.60	
*	2500.575	57.59	AVG	-4.58	53.01	54.00	100	80	-0.99	
	2599.198	59.26	peak	-4.21	55.05	74.00	100	165	-18.95	
	2599.198	56.34	AVG	-4.21	52.13	54.00	100	165	-1.87	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#2

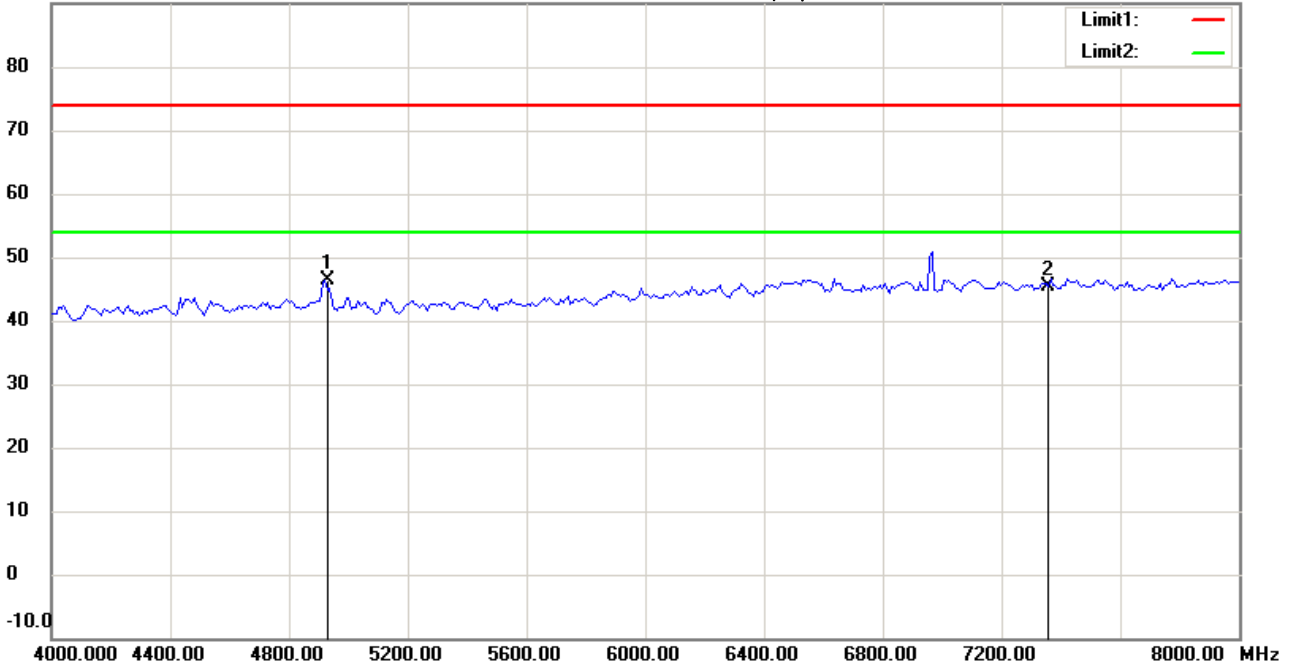
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:47:14

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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
*	4921.844	45.51	peak	0.80	46.31	74.00	100	275	-27.69	
	7356.000	40.91	peak	4.58	45.49	74.00	100	90	-28.51	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#7

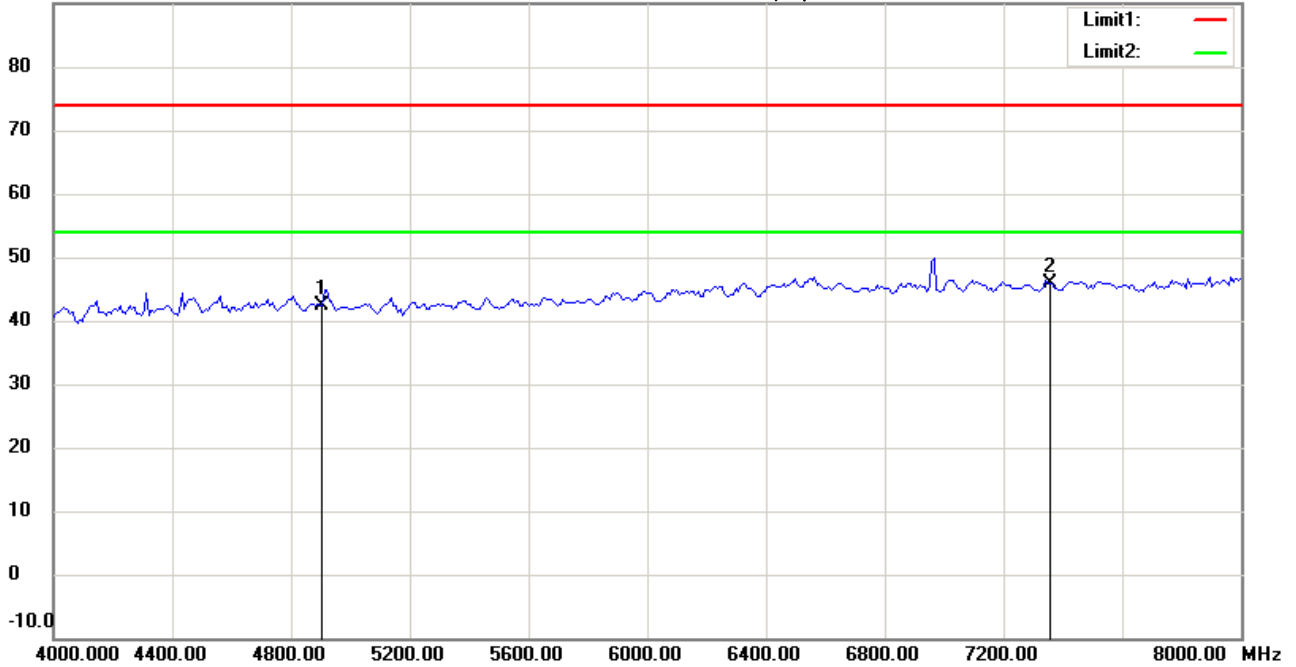
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:49:59

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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
	4904.000	41.60	peak	0.77	42.37	74.00	100	285	-31.63	
*	7356.000	41.23	peak	4.58	45.81	74.00	100	170	-28.19	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#3

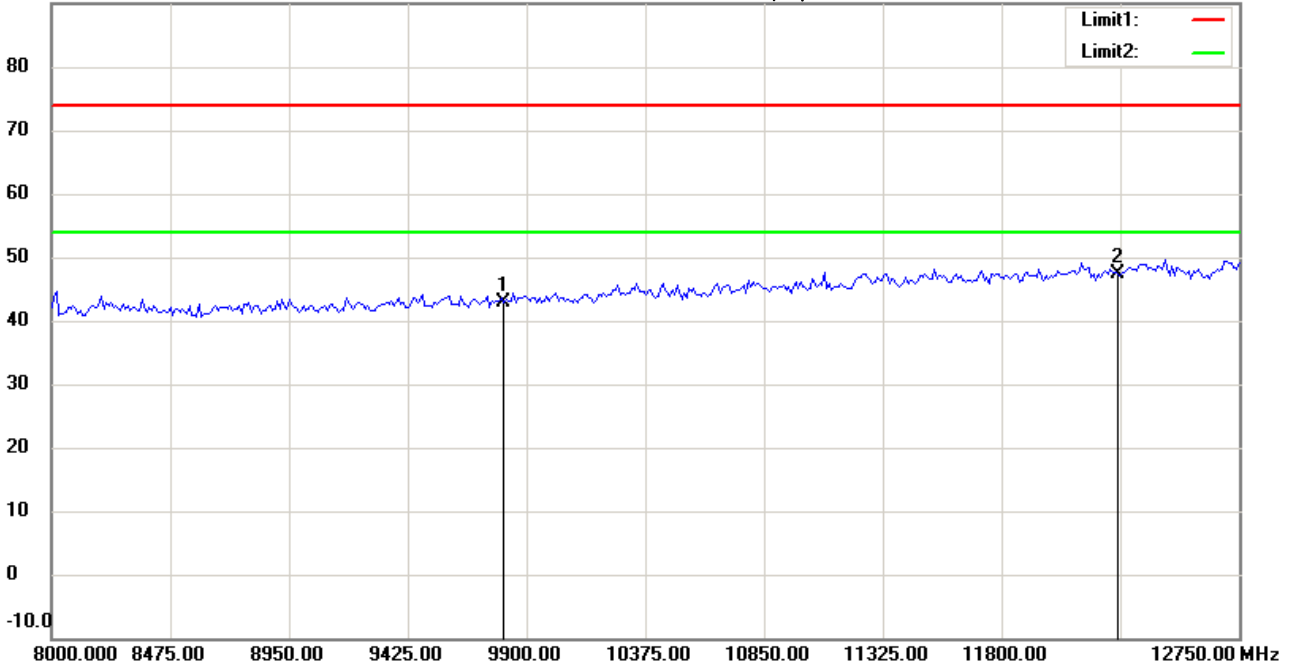
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:48:06

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M CH7

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9808.000	34.93	peak	7.88	42.81	74.00	100	320	-31.19	
*	12260.000	33.69	peak	13.64	47.33	74.00	100	245	-26.67	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#8

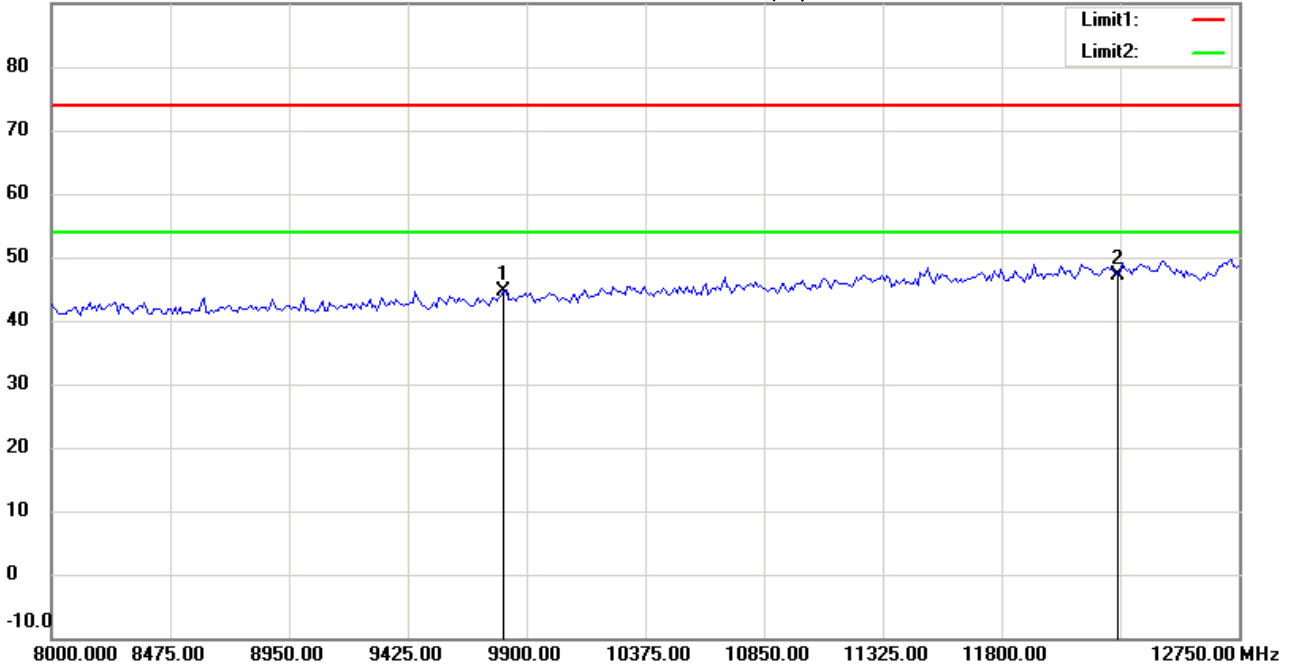
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:50:59

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M CH7

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	9808.000	36.69	peak	7.88	44.57	74.00	100	140	-29.43	
*	12260.000	33.40	peak	13.64	47.04	74.00	100	65	-26.96	



Radiated Emission Measurement

Operator: Roy

File :3

Data :#4

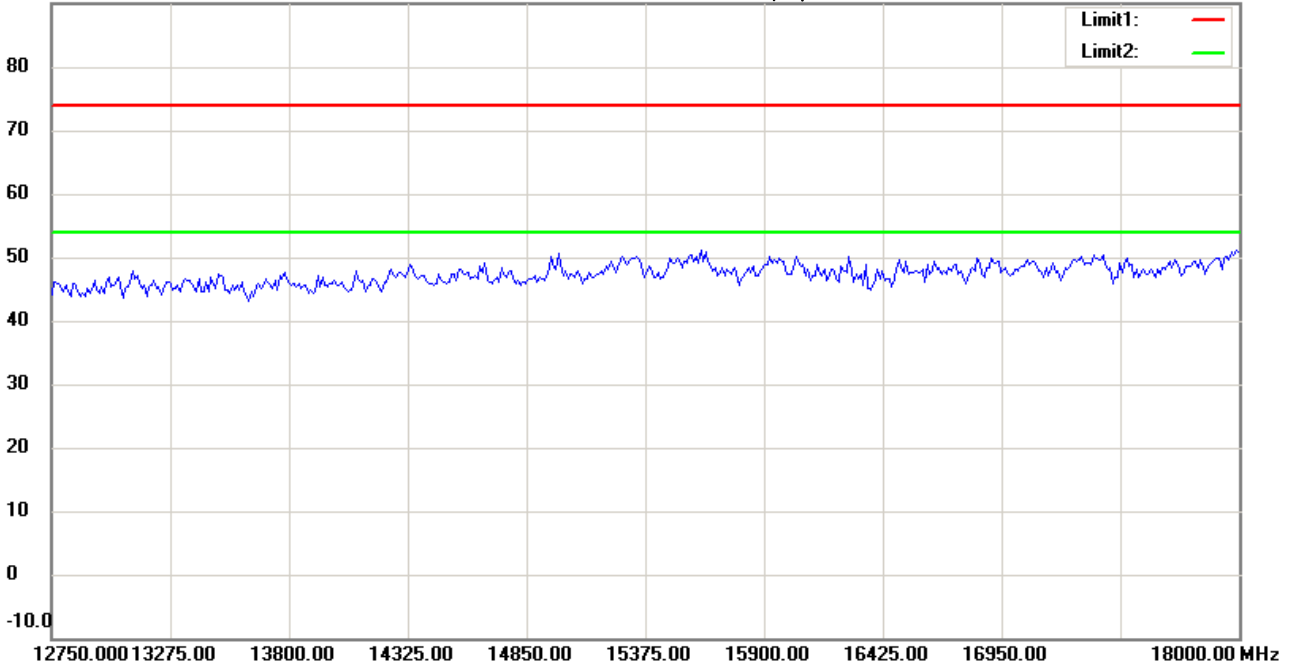
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:48:19

Humidity:60 %



Site : Chamber

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

Polarization: *Horizontal*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#9

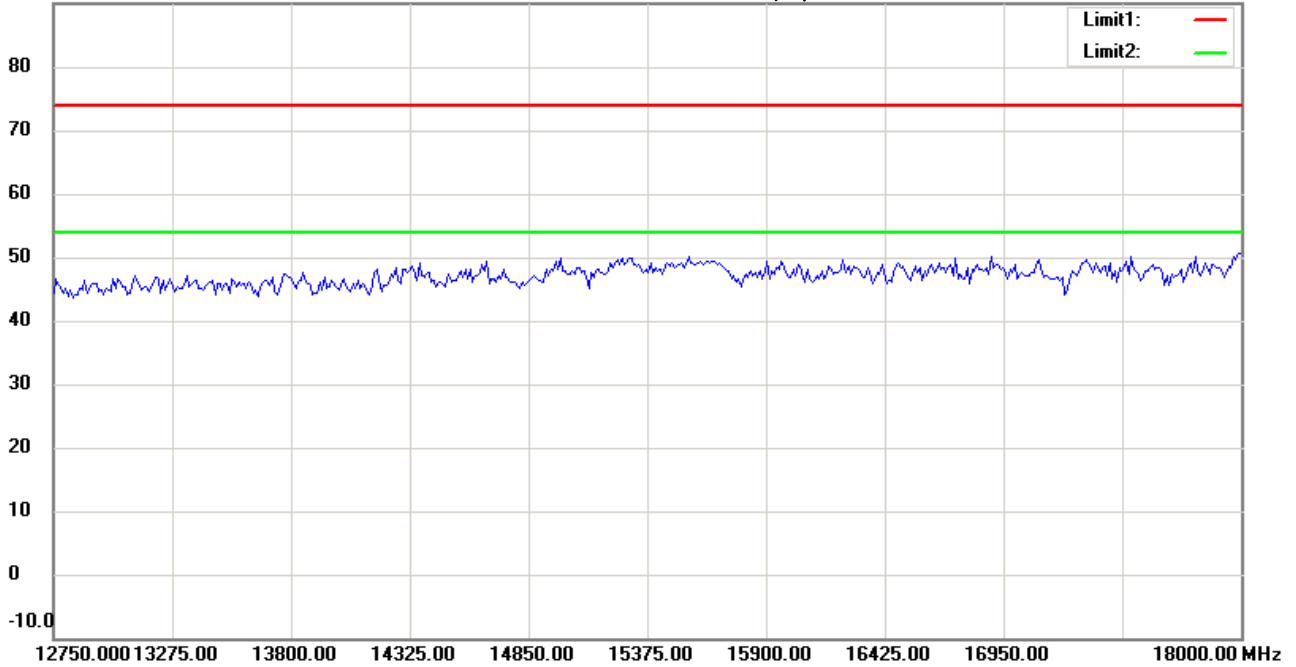
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:51:12

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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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Radiated Emission Measurement

Operator: Roy

File :3

Data :#5

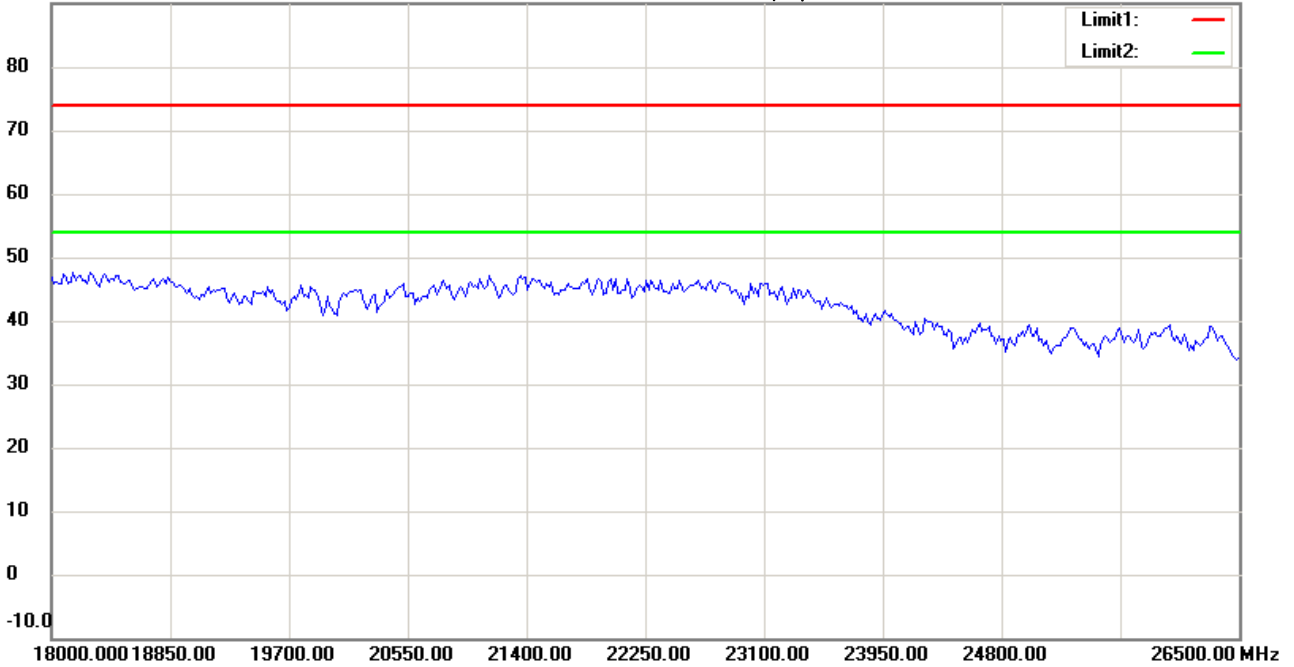
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:48:29

Humidity:60 %



Site : Chamber

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

EUT : W6M21501-14799

M/N:

Test Mode : TX 802.11n 40M CH7

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

Operator: Roy

File :3

Data :#10

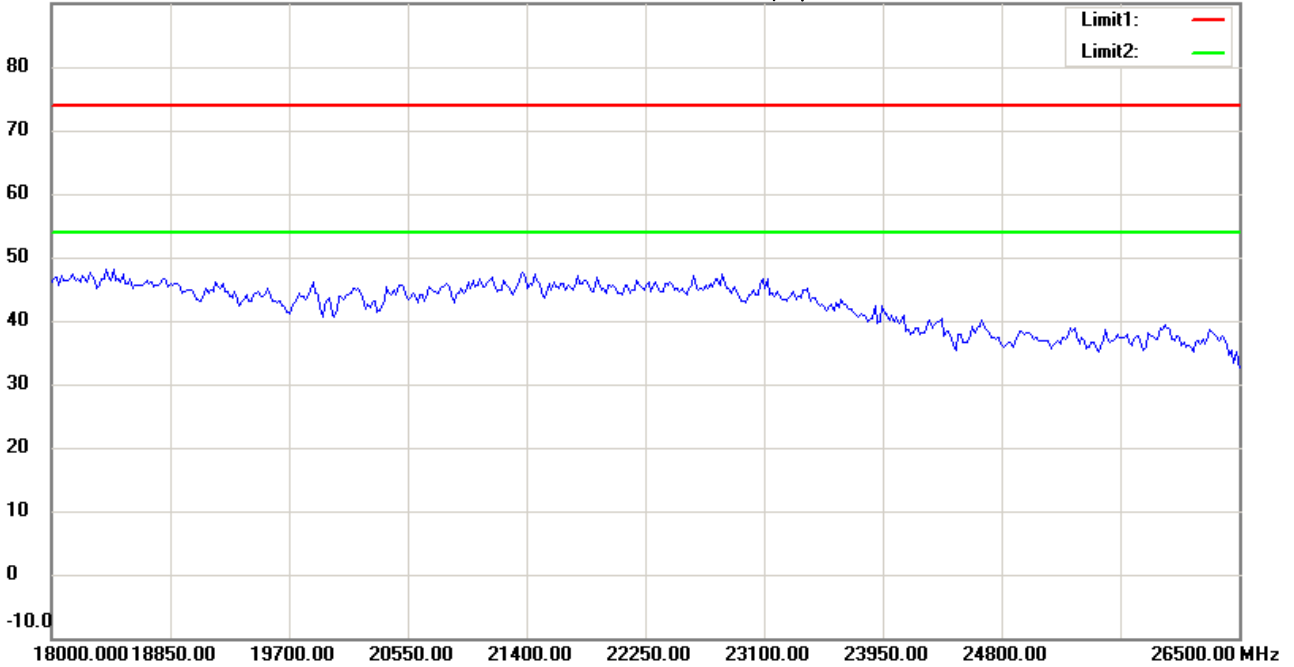
Date: 2015/3/5

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:51:22

Humidity:60 %



Site : Chamber

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

Polarization: *Vertical*

EUT : W6M21501-14799

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 40M 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