

FCC PART 15 SUBPART C TEST REPORT
for
High Power AC1750 Plug-In Wi-Fi Range Extender
Model No.: REC33A
FCC ID: ZTT-REC33A

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
A2LA Accredited No.: 2732.01



Report No.: W6M21411-14659-C-1

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.
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Worldwide Testing Services(Taiwan) Co., Ltd.

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1 General Information

1.1 Notes

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

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

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

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

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

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

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

Specific Conditions:

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

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

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

Tester:

February 06, 2015

Rick Chen

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

February 06, 2015

Kevin Wang

Date

WTS

Name

Signature



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1.2 Testing laboratory

1.2.1 Location

OATS

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

3 meter semi-anechoic chamber

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

TEL:886-2-6613-0228

FAX:886-2-2791-5046

Company

Worldwide Testing Services(Taiwan) Co., Ltd.

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

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

Tel : 886-2-66068877

Fax : 886-2-66068879

1.2.2 Details of accreditation status

Accredited testing laboratory

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: January 15, 2015
Date of test: from January 16, 2015 to February 06, 2015

1.5 General information of Test item

Type of test item: High Power AC1750 Plug-In Wi-Fi Range Extender
Model Number: REC33A
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: ANT0: Omni Antenna / ANT1: Embedded Antenna /
ANT2: Embedded Antenna
Antenna gain: ANT0: 3.48 dBi / ANT1: 2 dBi / ANT2: 2 dBi
Directional gain: 7.29 dBi

According to KDB 662911, Unequal antenna gains, with equal transmit powers. For antenna gains given by G_1 , G_2 , ..., G_N dBi. If transmit signals are correlated, then Directional gain
 $= 10 \log[(10^{G_1/20} + 10^{G_2/20} + \dots + 10^{G_N/20})^2 / N] \text{ dBi}$ [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: 100-240Vac, 50/60Hz, 0.5A

Emission designator:
Mode A (802.11b): DSSS: 15M2G1D
Mode B (802.11g): OFDM: 14M0D1D
Mode C (802.11n 20MHz): OFDM: 19M0D1D
Mode D (802.11n 40MHz): OFDM: 38M0D1D

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

ANT0

Mode A (DSSS)

Power (ch 1 or A): Conducted: 27.37 dBm
Power (ch 6 or B): Conducted: 27.60 dBm
Power (ch 11 or C): Conducted: 27.80 dBm

Mode B (OFDM)

Power (ch 1 or A): Conducted: 26.17 dBm
Power (ch 6 or B): Conducted: 26.45 dBm
Power (ch 11 or C): Conducted: 27.34 dBm

Mode C (OFDM)

Power (ch 1 or A): Conducted: 23.24 dBm
Power (ch 6 or B): Conducted: 23.35 dBm
Power (ch 11 or C): Conducted: 23.86 dBm

Mode D (OFDM)

Power (ch 1 or A): Conducted: 23.40 dBm
Power (ch 4 or B): Conducted: 23.32 dBm
Power (ch 7 or C): Conducted: 23.42 dBm

Unom



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ANT1

Mode A (DSSS)

Power (ch 1 or A):	Conducted: 17.58 dBm
Power (ch 6 or B):	Conducted: 18.13 dBm
Power (ch 11 or C):	Conducted: 18.66 dBm

Mode B (OFDM)

Power (ch 1 or A):	Conducted: 27.00 dBm
Power (ch 6 or B):	Conducted: 27.54 dBm
Power (ch 11 or C):	Conducted: 27.40 dBm

Mode C (OFDM)

Power (ch 1 or A):	Conducted: 23.96 dBm
Power (ch 6 or B):	Conducted: 23.96 dBm
Power (ch 11 or C):	Conducted: 23.67 dBm

Mode D (OFDM)

Power (ch 1 or A):	Conducted: 22.93 dBm
Power (ch 4 or B):	Conducted: 23.17 dBm
Power (ch 7 or C):	Conducted: 22.67 dBm

ANT2

Mode A (DSSS)

Power (ch 1 or A):	Conducted: 20.91 dBm
Power (ch 6 or B):	Conducted: 21.05 dBm
Power (ch 11 or C):	Conducted: 20.81 dBm

Mode B (OFDM)

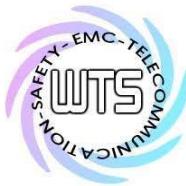
Power (ch 1 or A):	Conducted: 27.02 dBm
Power (ch 6 or B):	Conducted: 26.76 dBm
Power (ch 11 or C):	Conducted: 26.55 dBm

Mode C (OFDM)

Power (ch 1 or A):	Conducted: 23.09 dBm
Power (ch 6 or B):	Conducted: 22.31 dBm
Power (ch 11 or C):	Conducted: 22.29 dBm

Mode D (OFDM)

Power (ch 1 or A):	Conducted: 22.55 dBm
Power (ch 4 or B):	Conducted: 22.89 dBm
Power (ch 7 or C):	Conducted: 22.33 dBm



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Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	663.45	635.38	645.46	28.22	28.03	28.10
802.11n 40MHz	595.01	616.81	575.72	27.75	27.90	27.60

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: 100-240Vac, 50/60Hz, 0.5A

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-EICHLEITUNG 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	2014/2/25	2015/2/24
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	2014/2/18	2015/2/17
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2014/3/3	2015/3/2
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2014/3/3	2015/3/2
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2014/3/3	2015/3/2
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	2014/3/3	2015/3/2
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	2014/3/3	2015/3/2
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	2014/3/3	2015/3/2
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	2014/2/27	2015/2/26
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2014/2/27	2015/2/26
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2014/2/27	2015/2/26
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2014/2/27	2015/2/26
ETSTW-Cable 022	N TYPE Cable	5006	0002	JYE BAO CO.,LTD.	2014/2/19	2015/2/18
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2014/3/3	2015/3/2
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2014/3/3	2015/3/2
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	2014/3/3	2015/3/2
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.	2014/2/19	2015/2/18
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2014/2/19	2015/2/18
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMCA	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 μ H LISN (if necessary). Both lines were observed. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

RADIATION INTERFERENCE: The test procedure used was according to ANSI STANDARD C63.4-2014 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 μ V) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB.

Example:

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

The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m (non metallic table) and arranged according to ANSI C63.4-2014 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:

$$\text{Average} = \text{Peak} + \text{Duty Factor}$$

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

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A

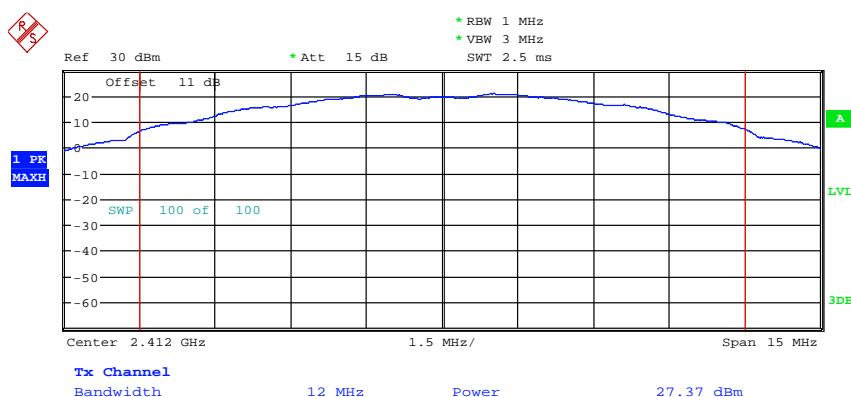
3.1 Peak Output Power (transmitter)

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).

ANT0

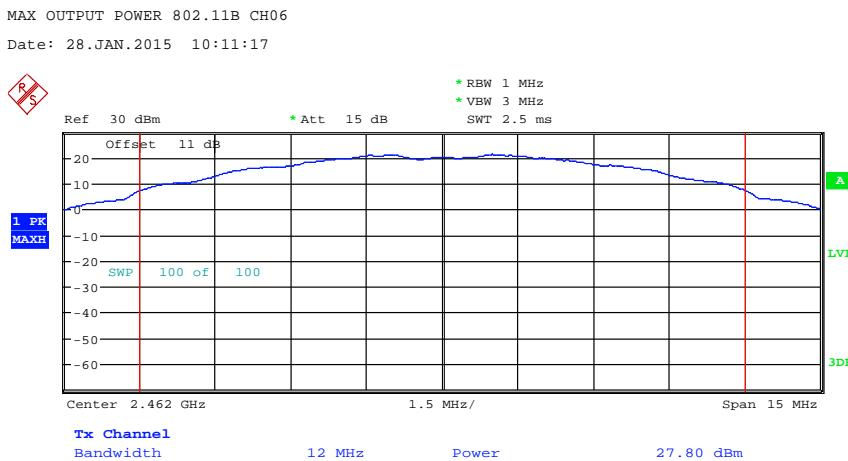


MAX OUTPUT POWER 802.11B CH01
Date: 28.JAN.2015 10:10:28



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



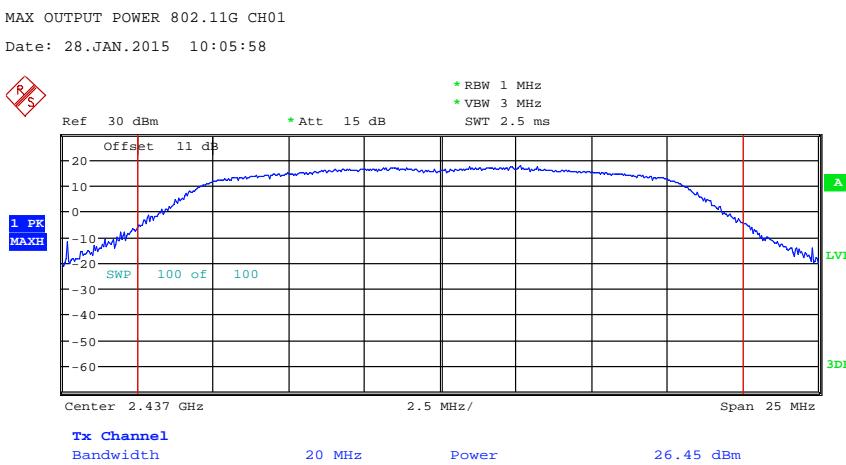
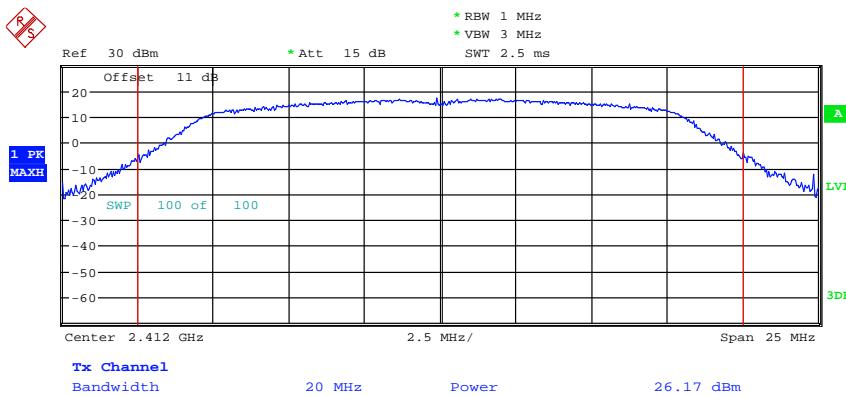
MAX OUTPUT POWER 802.11B CH11

Date: 28.JAN.2015 10:09:29



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

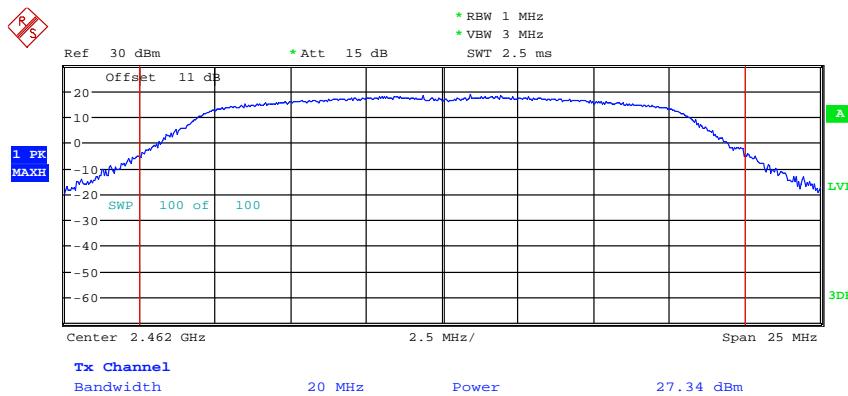


MAX OUTPUT POWER 802.11G CH06
Date: 28.JAN.2015 10:06:47

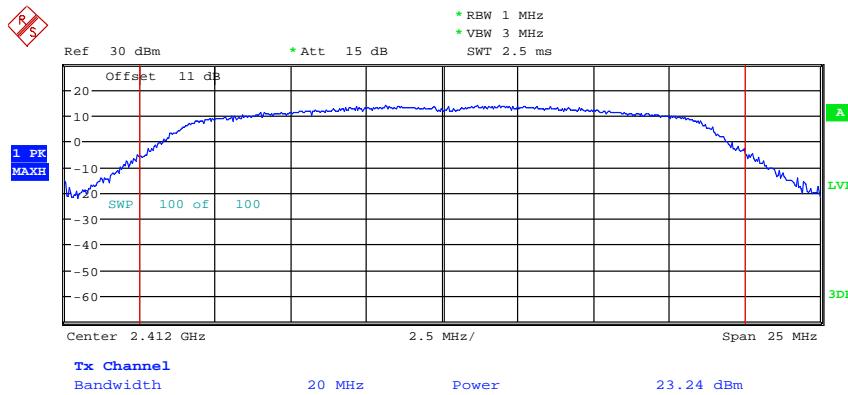


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



MAX OUTPUT POWER 802.11G CH11
Date: 28.JAN.2015 10:04:18



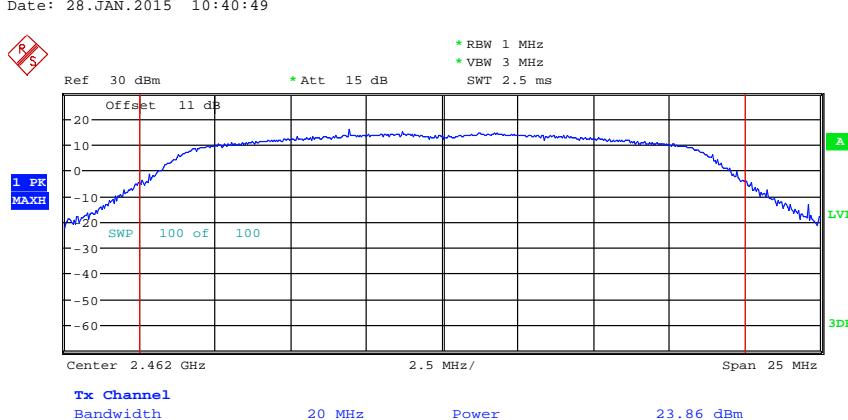
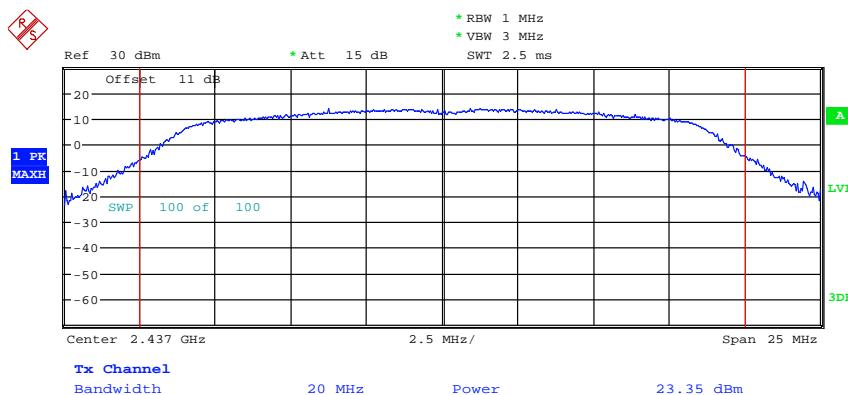
MAX OUTPUT POWER 802.11N 20MHZ CH01
Date: 28.JAN.2015 10:40:01



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A



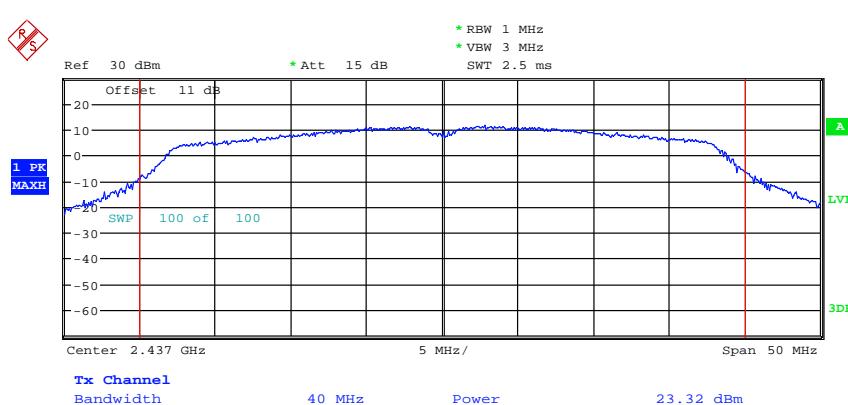
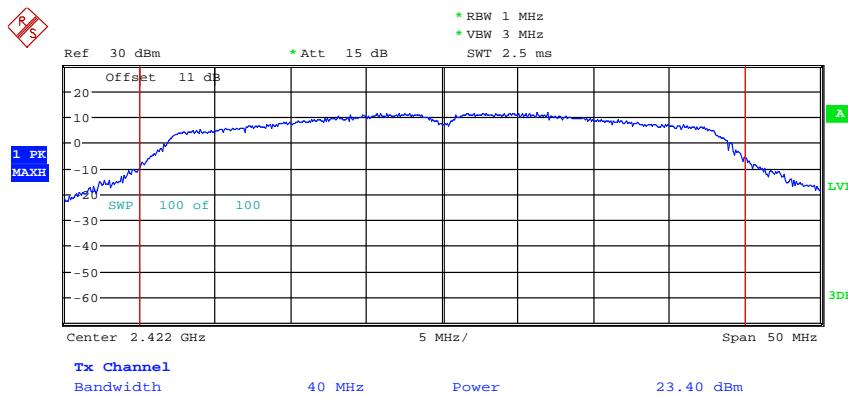
MAX OUTPUT POWER 802.11N 20MHZ CH11

Date: 28.JAN.2015 10:38:44



Worldwide Testing Services(Taiwan) Co., Ltd.

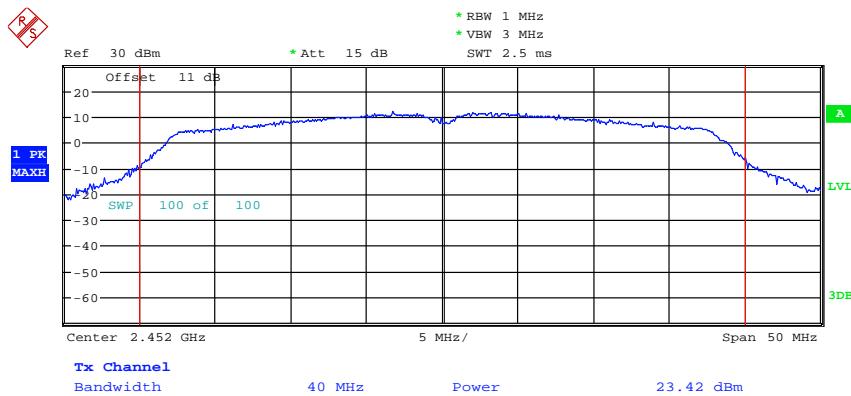
Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



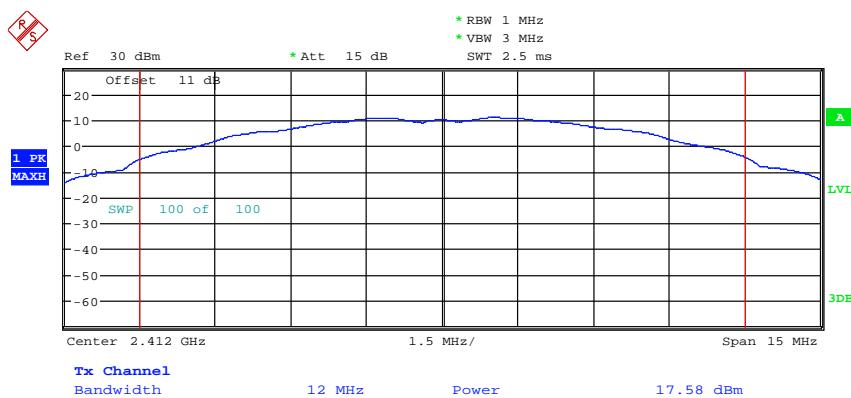
MAX OUTPUT POWER 802.11N 40MHZ CH04

Date: 28.JAN.2015 10:44:52

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



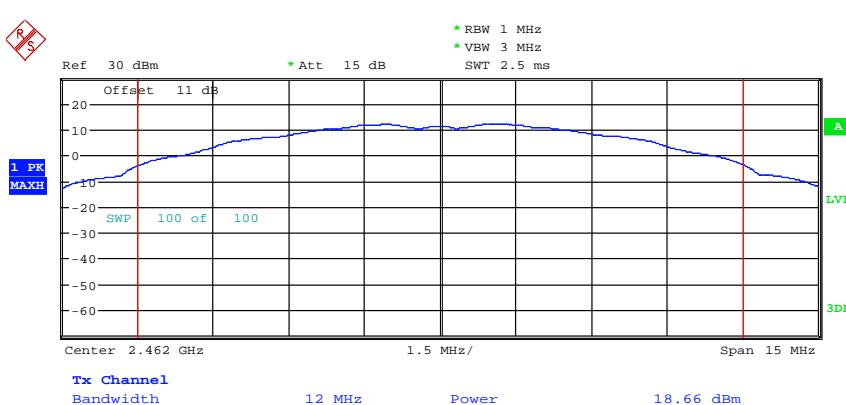
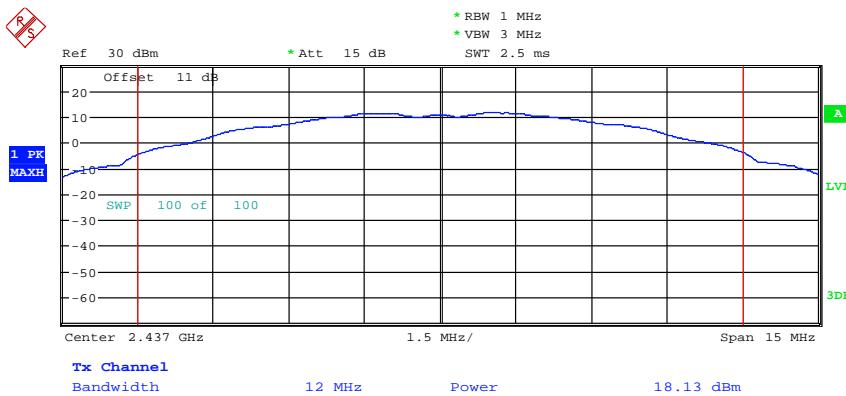
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Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



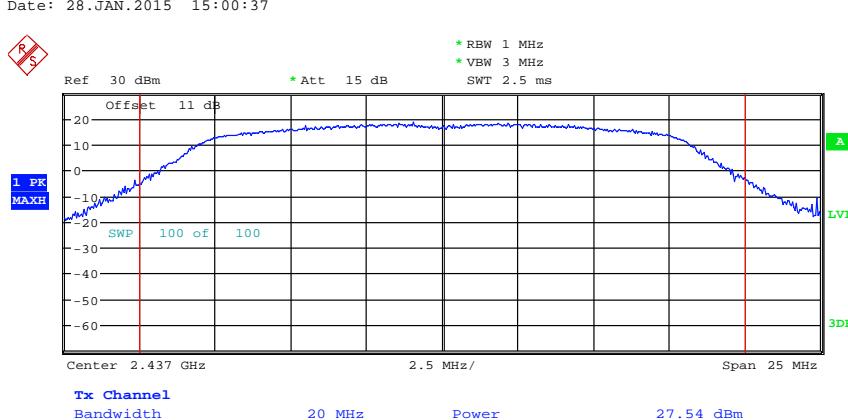
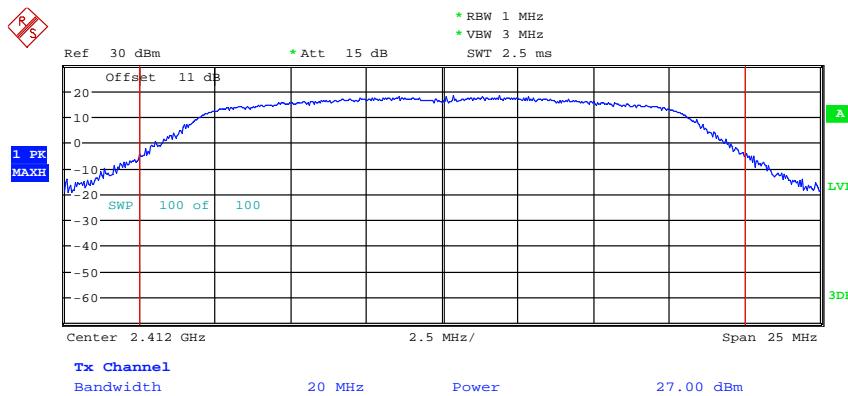
MAX OUTPUT POWER 802.11B CH11

Date: 4.FEB.2015 21:20:55



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



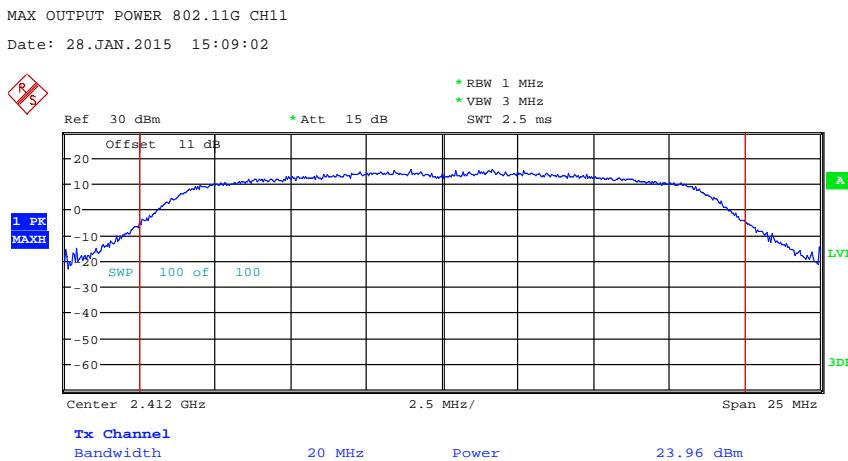
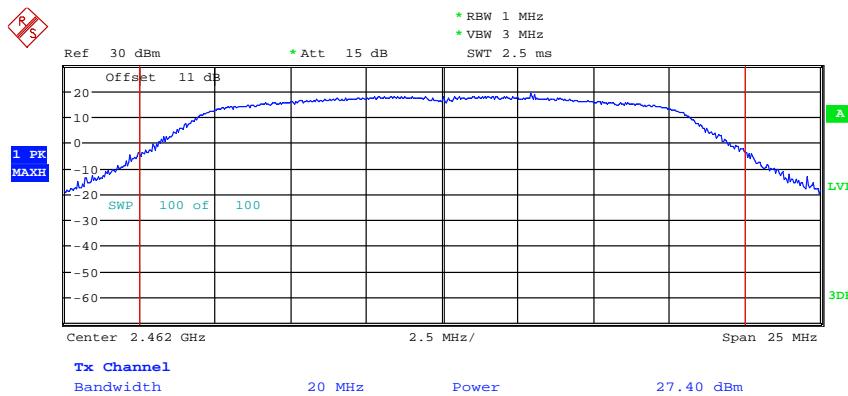
MAX OUTPUT POWER 802.11G CH06

Date: 28.JAN.2015 15:02:55

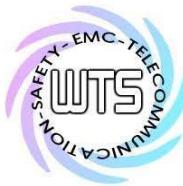


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



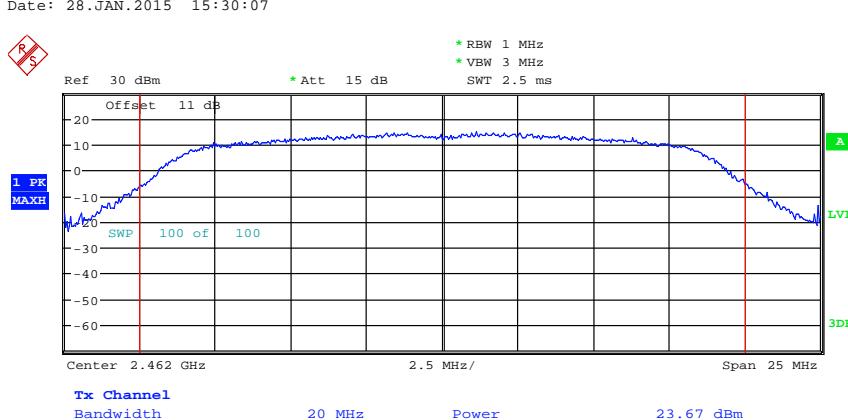
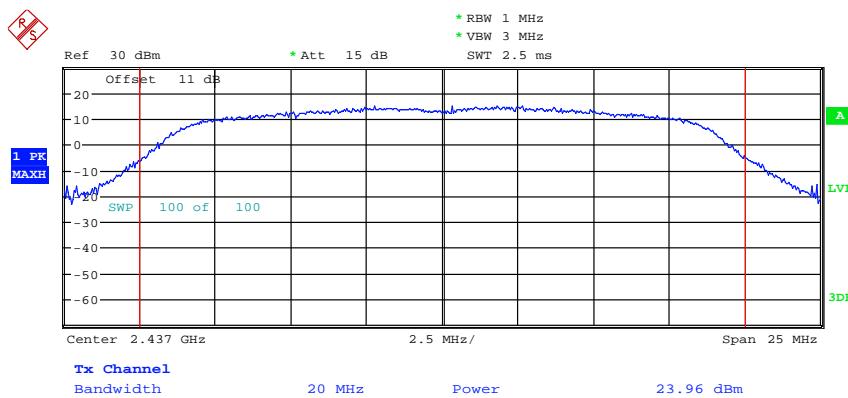
MAX OUTPUT POWER 802.11N 20MHZ CH01
Date: 28.JAN.2015 15:29:24



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A



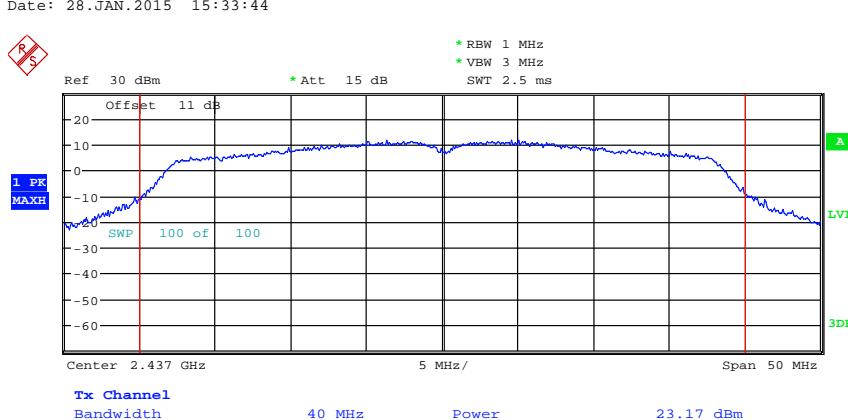
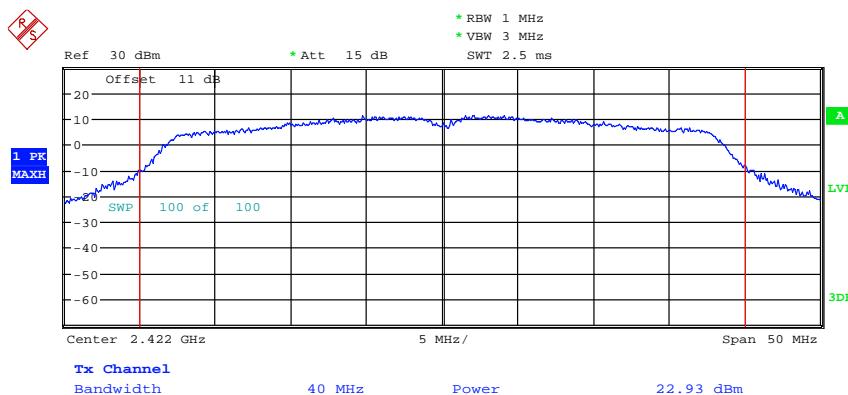
MAX OUTPUT POWER 802.11N 20MHZ CH11

Date: 28.JAN.2015 15:30:44



Worldwide Testing Services(Taiwan) Co., Ltd.

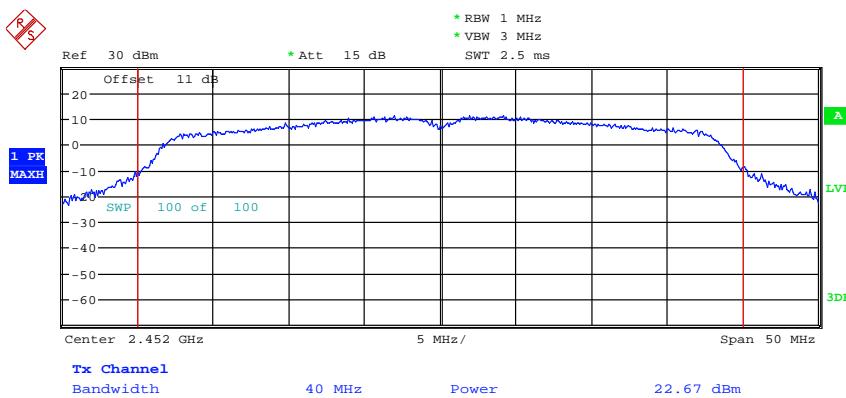
Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



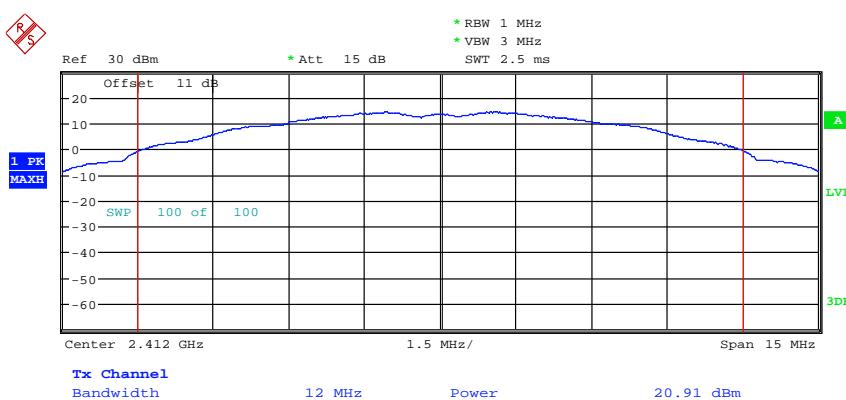
MAX OUTPUT POWER 802.11N 40MHZ CH04

Date: 28.JAN.2015 15:34:41

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



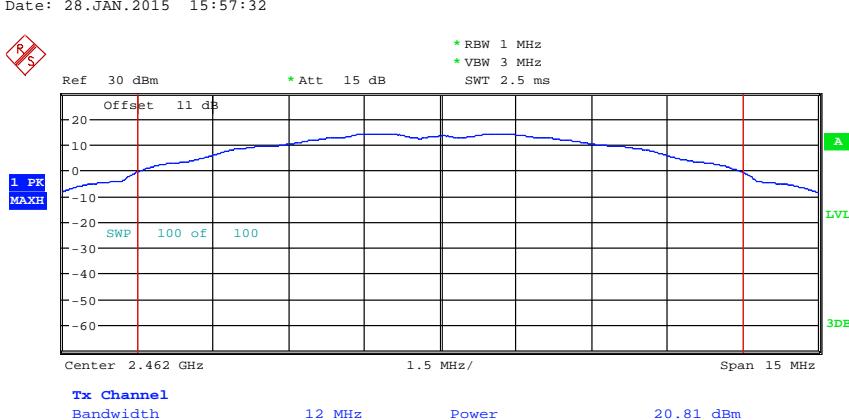
ANT2





Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



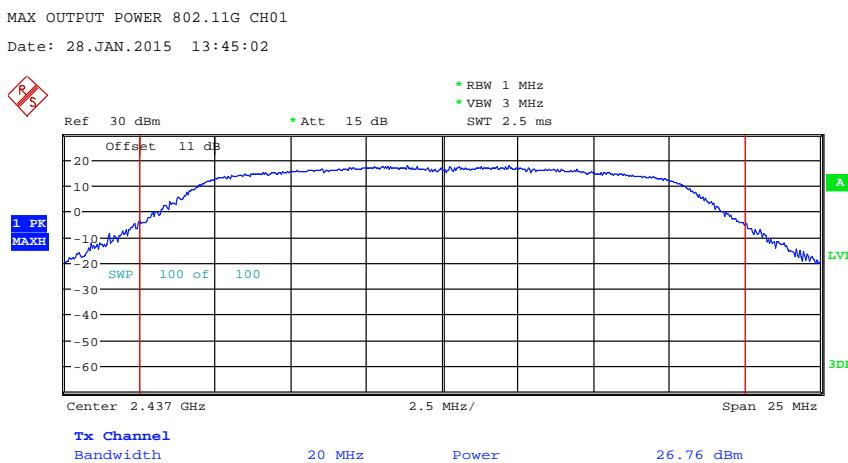
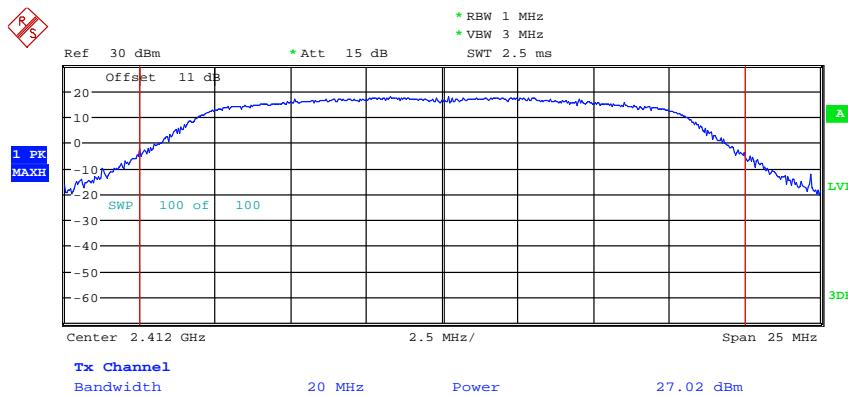
MAX OUTPUT POWER 802.11B CH11

Date: 28.JAN.2015 15:58:09



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

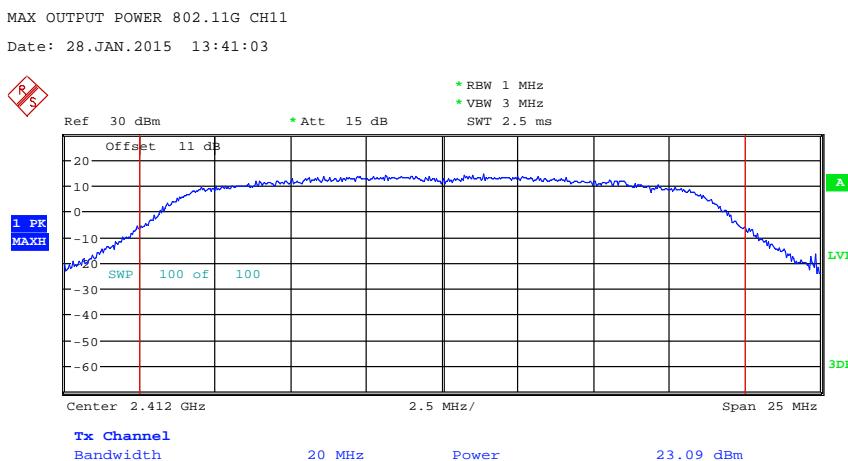
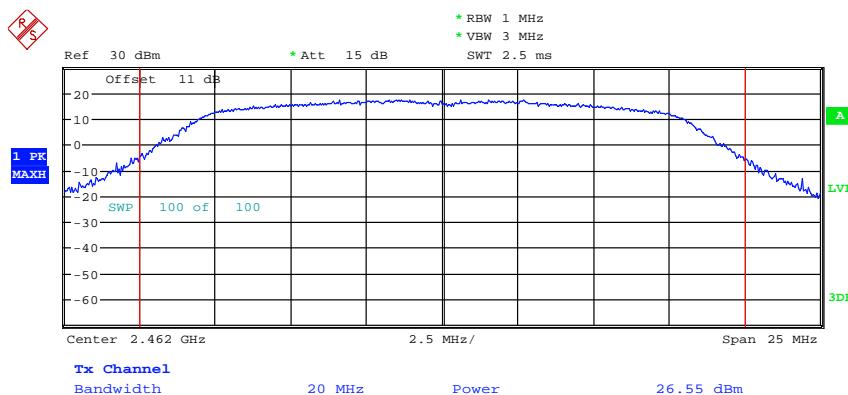


MAX OUTPUT POWER 802.11G CH06
Date: 28.JAN.2015 13:45:50



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

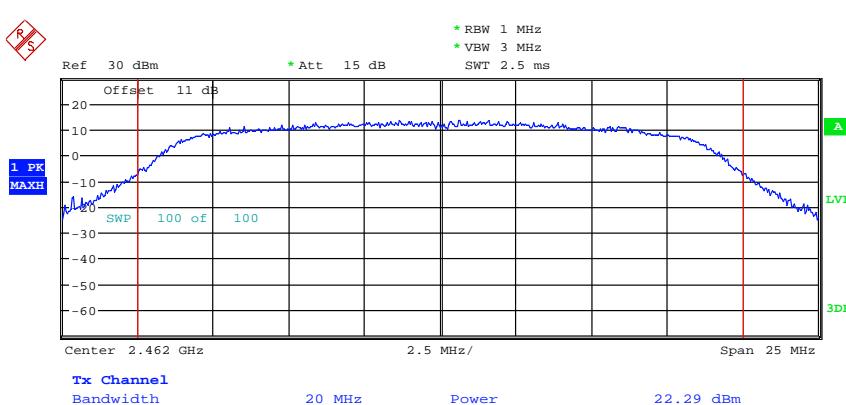
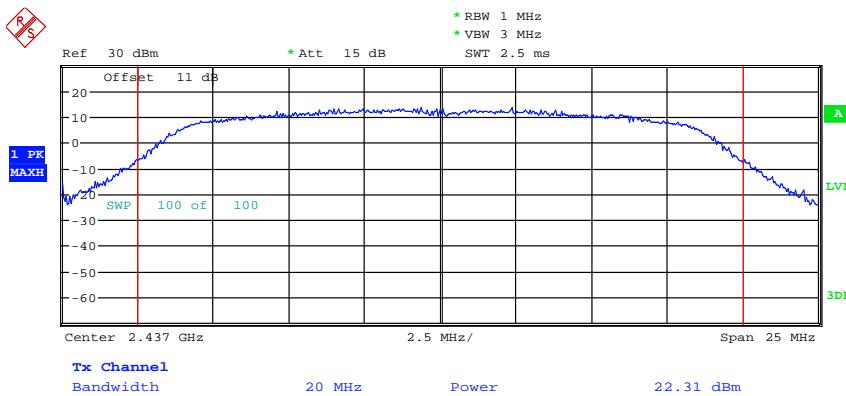


MAX OUTPUT POWER 802.11N 20MHZ CH01
Date: 28.JAN.2015 13:48:45



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



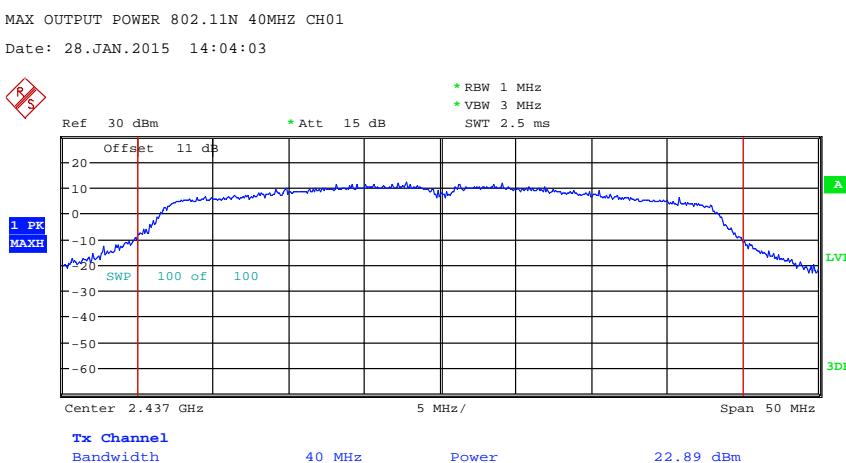
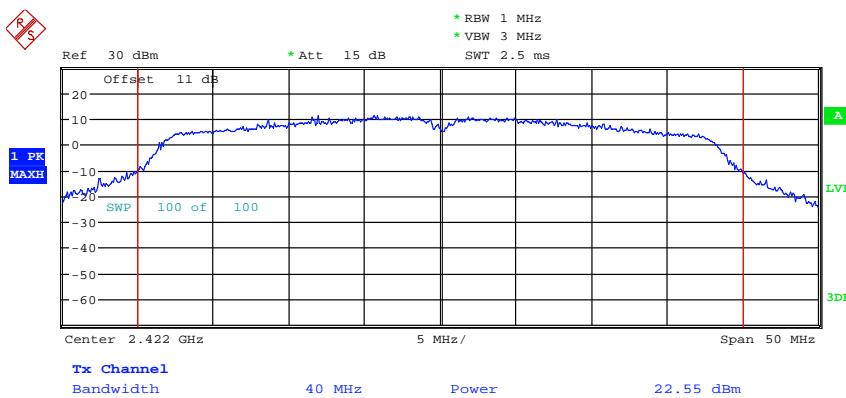
MAX OUTPUT POWER 802.11N 20MHZ CH11

Date: 28.JAN.2015 14:01:30



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

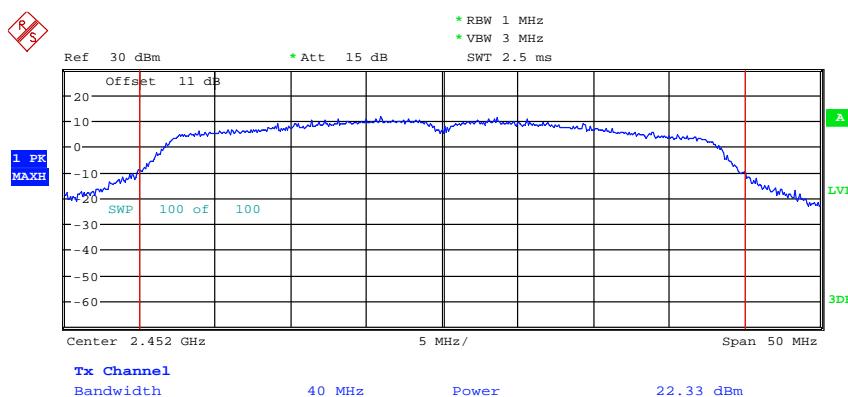


MAX OUTPUT POWER 802.11N 40MHZ CH04
Date: 28.JAN.2015 14:05:26



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



MAX OUTPUT POWER 802.11N 40MHZ CH07
Date: 28.JAN.2015 14:06:42

ANT0	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	210.86	216.27	243.22	23.24	23.35	23.86
802.11n 40MHz	218.78	214.78	219.79	23.40	23.32	23.42
ANT1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	248.89	248.89	232.81	23.96	23.96	23.67
802.11n 40MHz	196.34	207.49	184.93	22.93	23.17	22.67
ANT2	mW			dBm		
802.11n 20MHz	203.70	170.22	169.43	23.09	22.31	22.29
802.11n 40MHz	179.89	194.54	171.00	22.55	22.89	22.33
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	663.45	635.38	645.46	28.22	28.03	28.10
802.11n 40MHz	595.01	616.81	575.72	27.75	27.90	27.60



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A

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.

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

S – Power Density

P – Output power ERP

R – Distance

D – Cable Loss

AG – Antenna Gain

Item	Unit	Value	Remarks
P	mW	663.7431	Peak value
D	dB		
AG	dBi	7.29	
G		5.3580	Calculated Value
R	cm	20	Assumed value
S	mW/cm ²	0.7075	Calculated value

Limits:

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A

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:

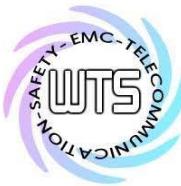
"If the emission is pulsed, modify the unit for continuous operation, use the setting shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation."

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.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A

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.



Worldwide Testing Services(Taiwan) Co., Ltd.

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FCC ID: ZTT-REC33A

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:	REC33A			Date:	--		
Mode:				Temperature:	-- °C		
Polarization:	--			Humidity:	-- %		
Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)
--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--

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 = ± 3.68 dB, 1-18 GHz = ± 5.37 dB, 18-40 GHz= ± 3.43 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

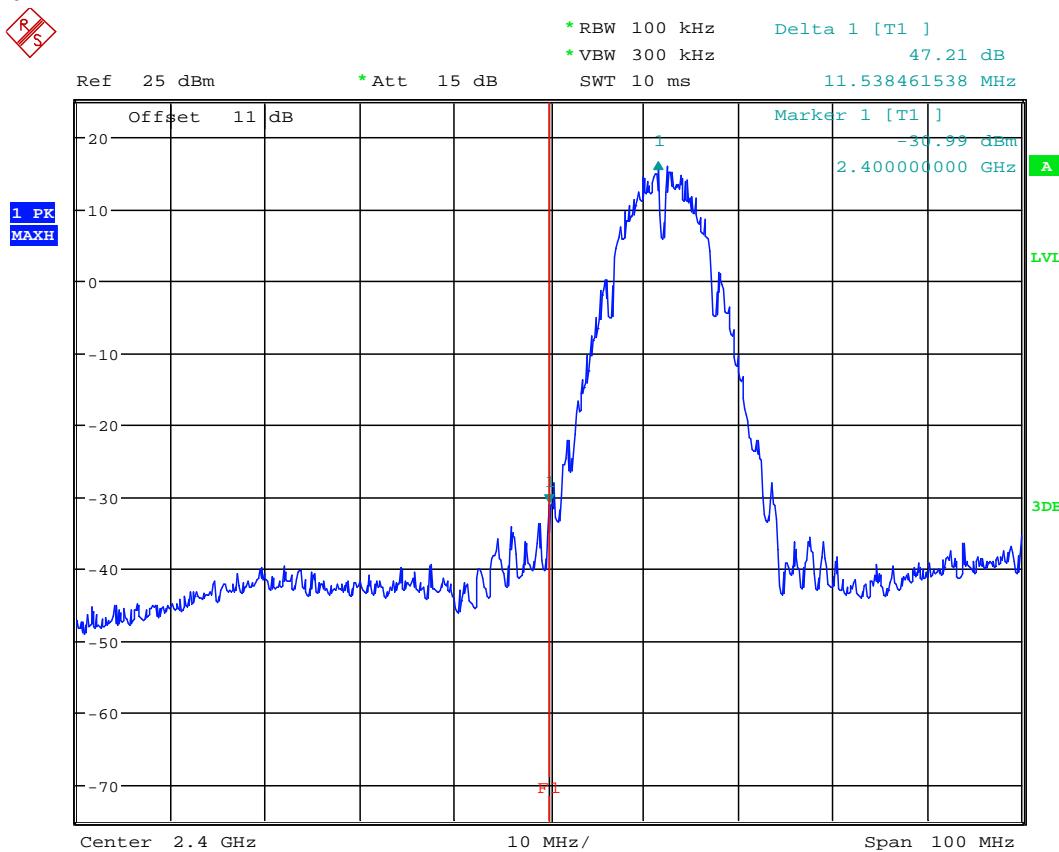
Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

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.

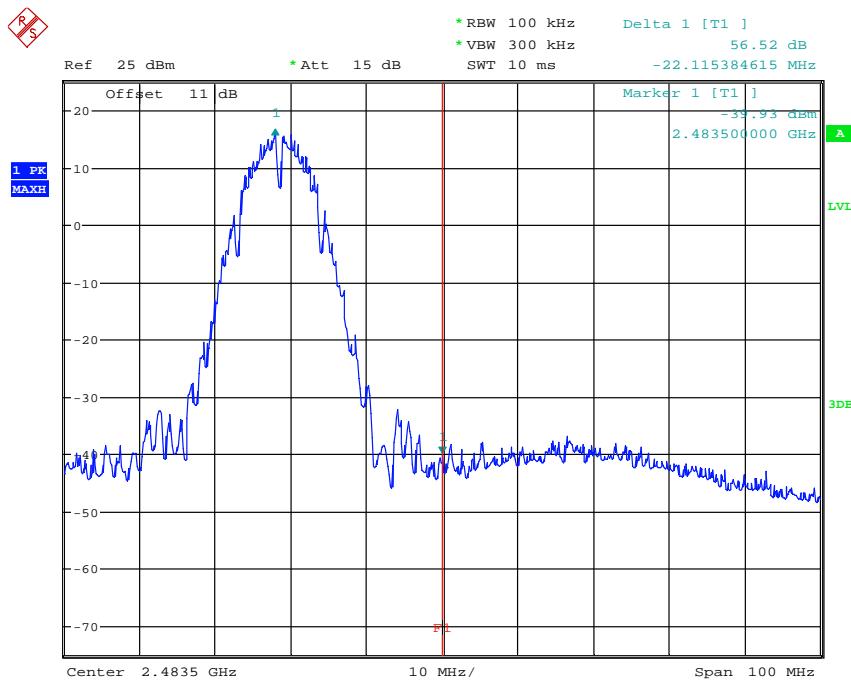
ANT0



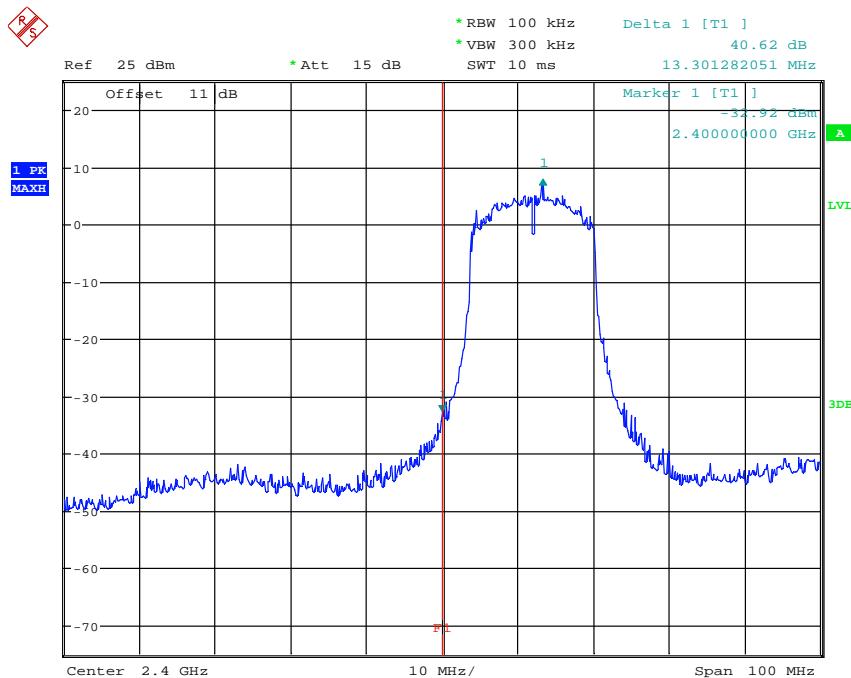
BANDEdge 802.11B CH01

Date: 28.JAN.2015 10:10:50

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



BANDEDGE 802.11B CH11
Date: 28.JAN.2015 10:09:51

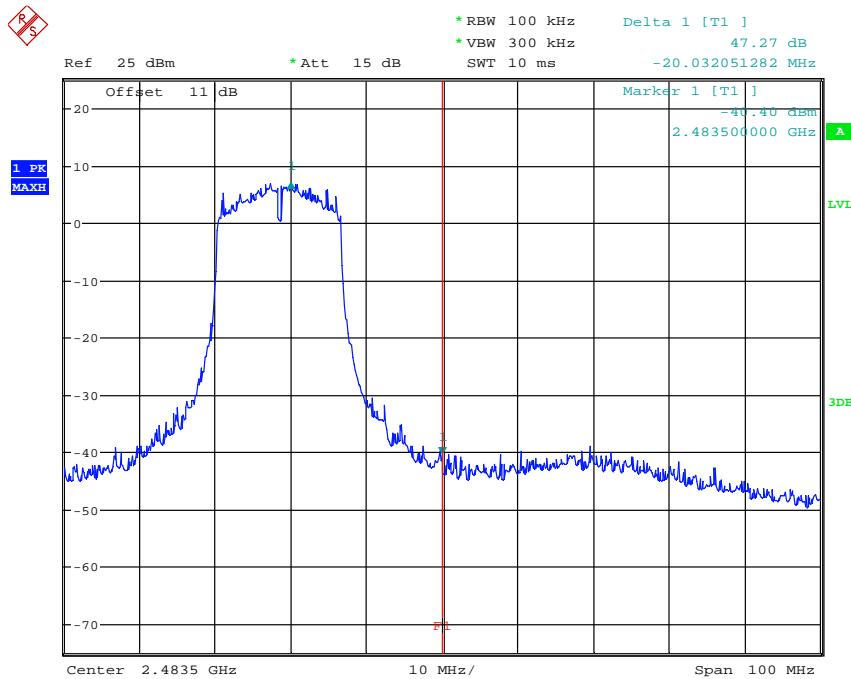


BANDEDGE 802.11G CH01
Date: 28.JAN.2015 10:06:20

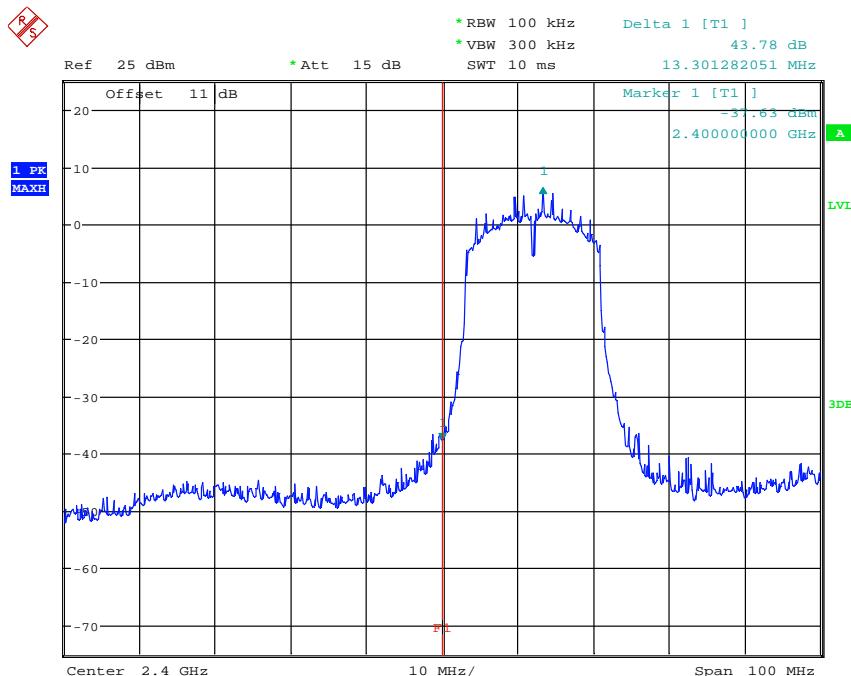


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



BANDEDGE 802.11G CH11
Date: 28.JAN.2015 10:04:40

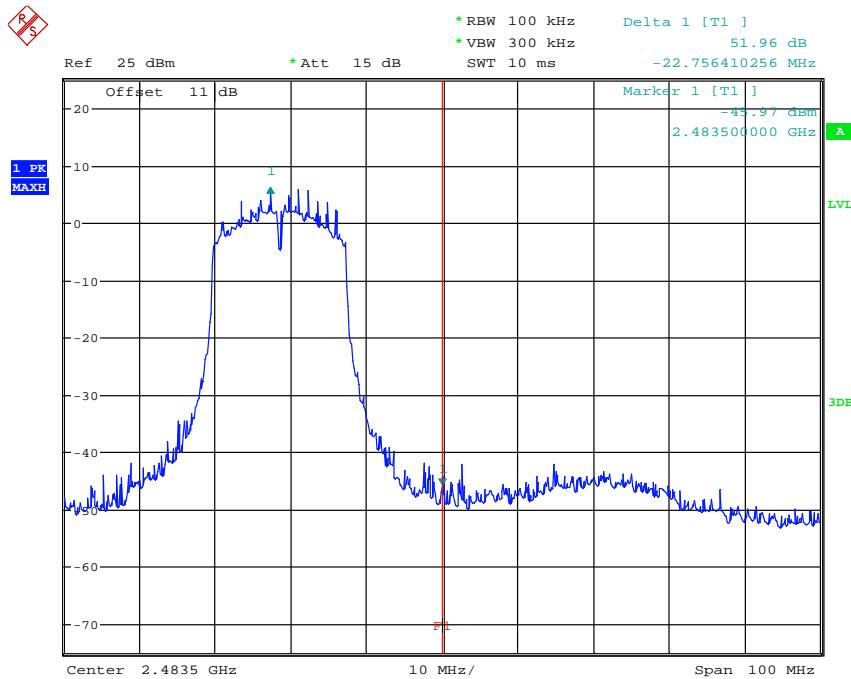


BANDEDGE 802.11N 20MHZ CH01
Date: 28.JAN.2015 10:40:23

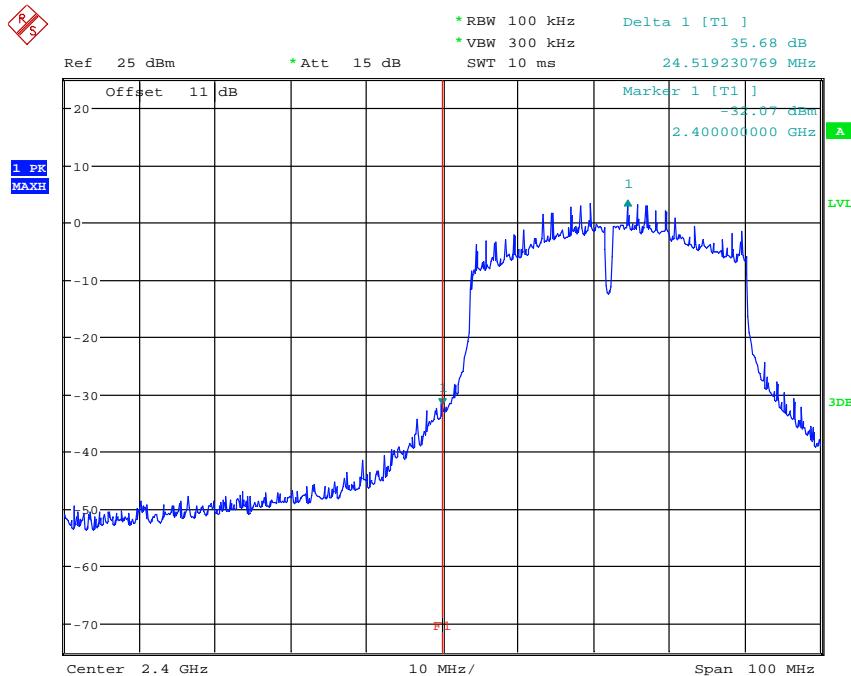


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



BANDEDGE 802.11N 20MHz CH11
Date: 28.JAN.2015 10:39:06

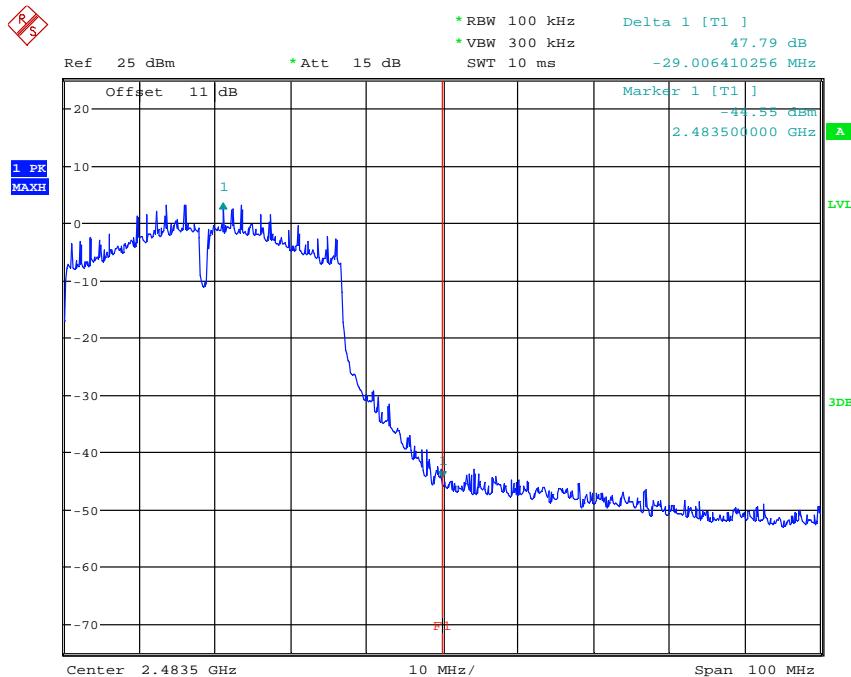


BANDEDGE 802.11N 40MHz CH01
Date: 28.JAN.2015 10:44:09



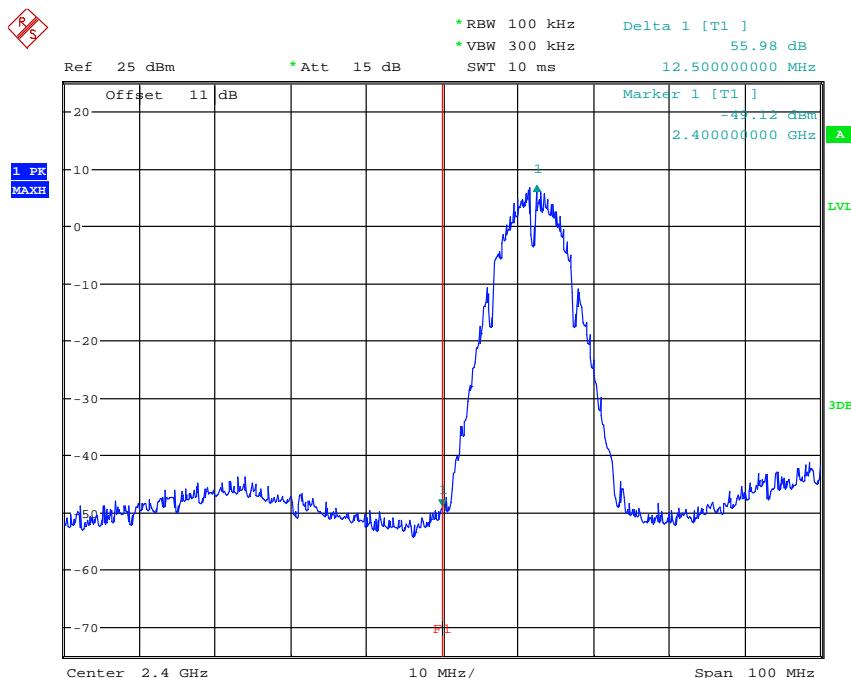
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



BANDEDGE 802.11N 40MHZ CH07
Date: 28.JAN.2015 10:42:22

ANT1

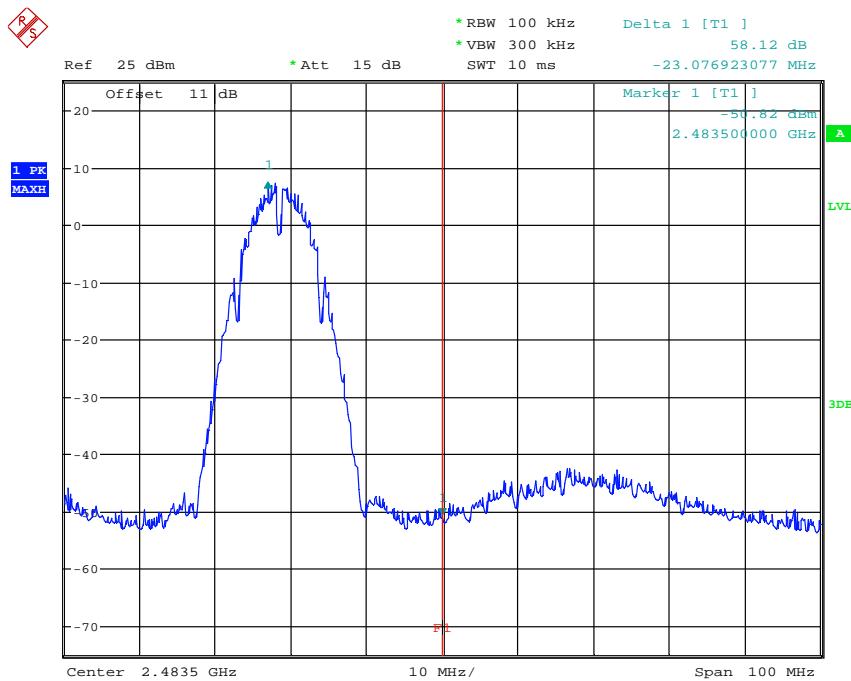


BANDEDGE 802.11B CH01
Date: 4.FEB.2015 21:15:48

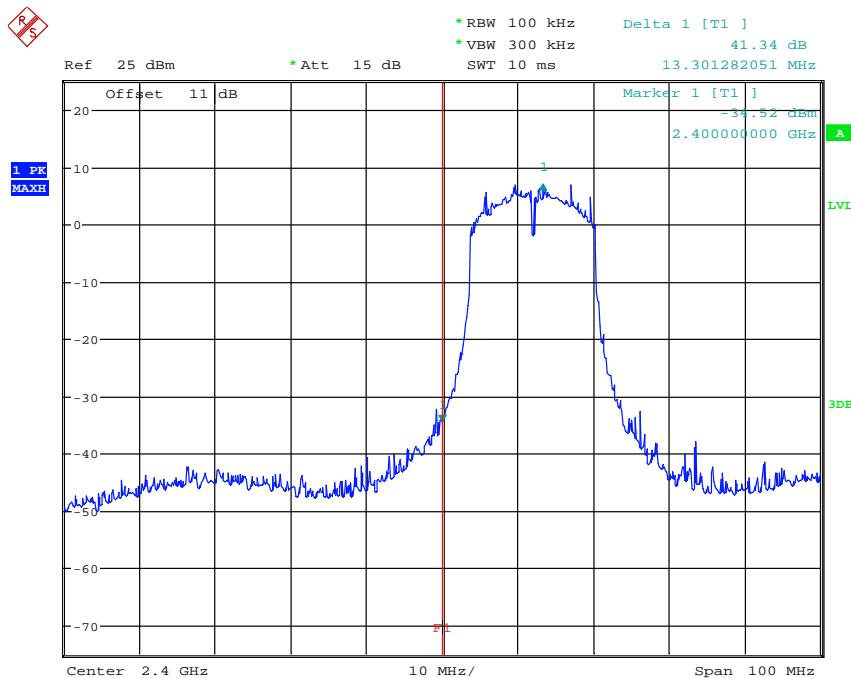


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



BANDEDGE 802.11B CH11
Date: 4.FEB.2015 21:21:18

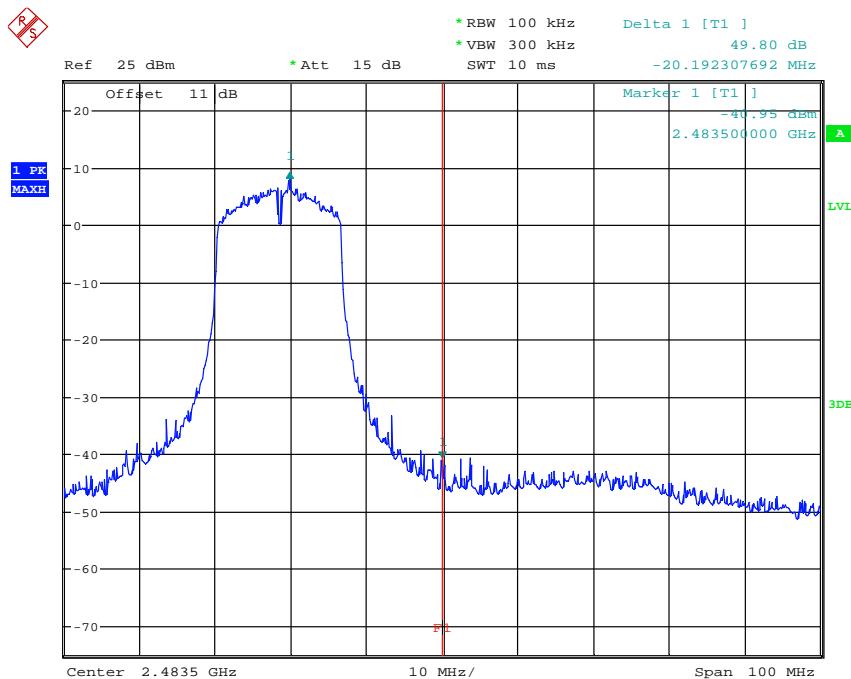


BANDEDGE 802.11G CH01
Date: 28.JAN.2015 15:00:59

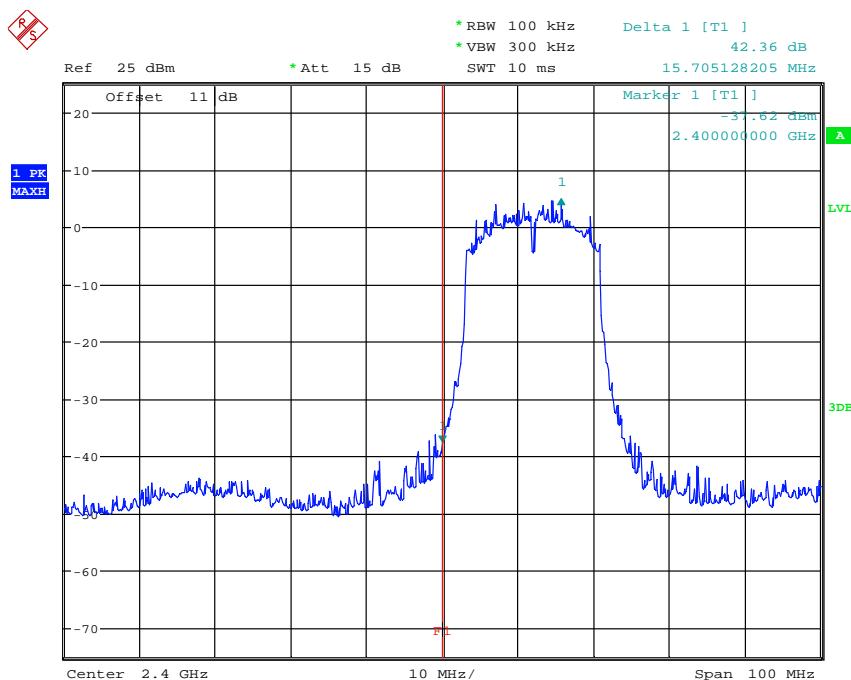


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



BANDEDGE 802.11G CH11
Date: 28.JAN.2015 15:09:24

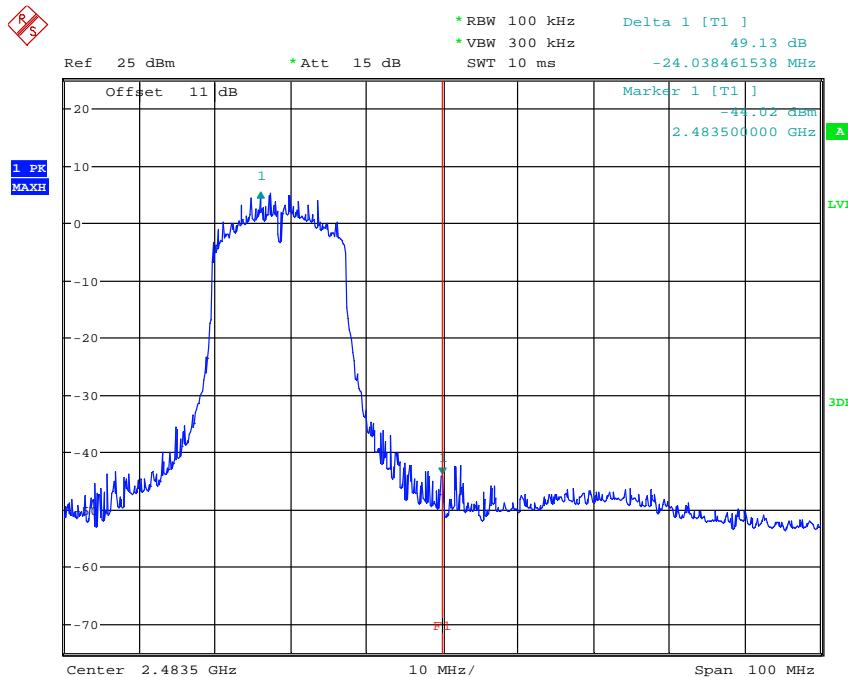


BANDEDGE 802.11N 20MHz CH01
Date: 28.JAN.2015 15:29:46

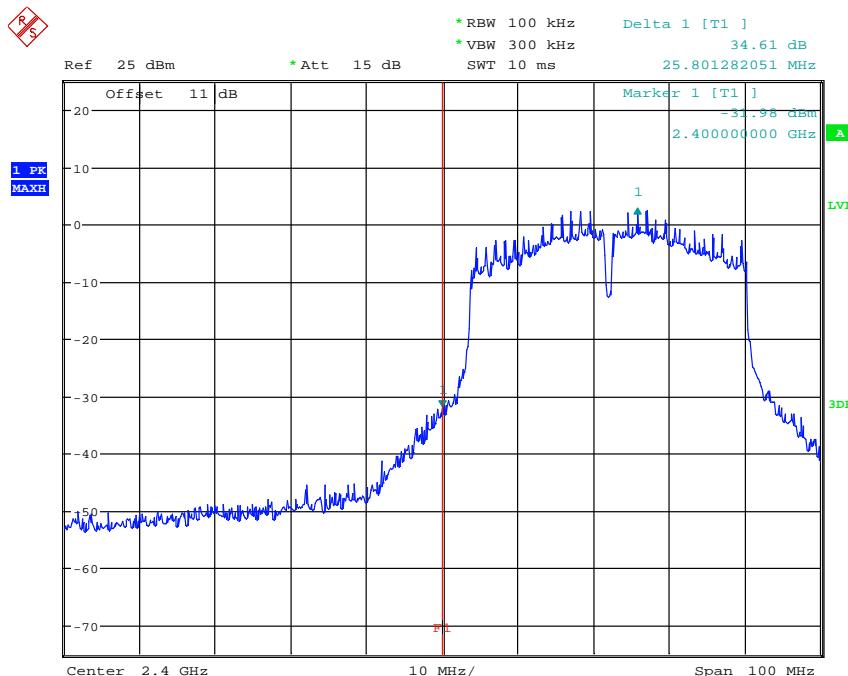


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

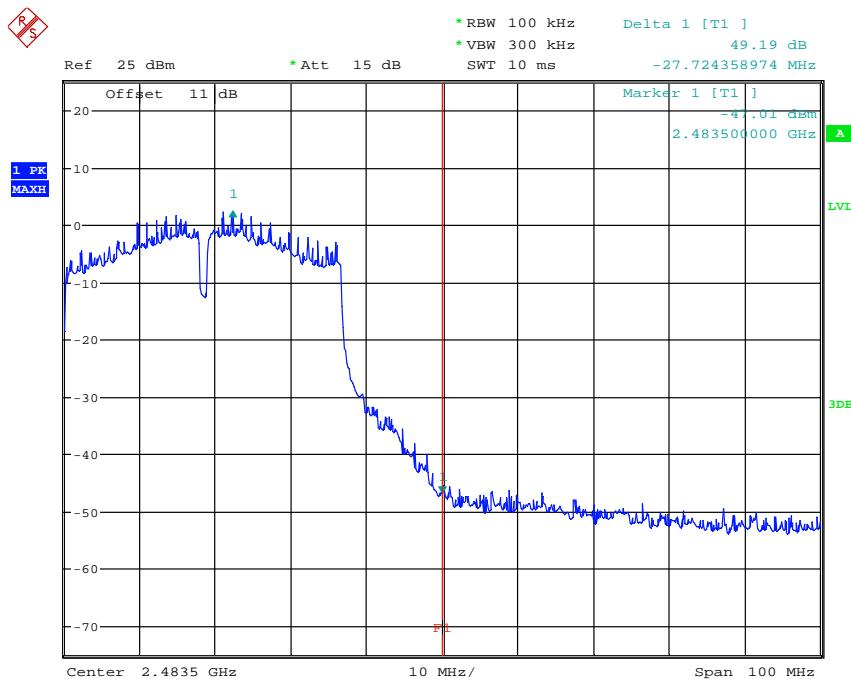


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Date: 28.JAN.2015 15:31:06



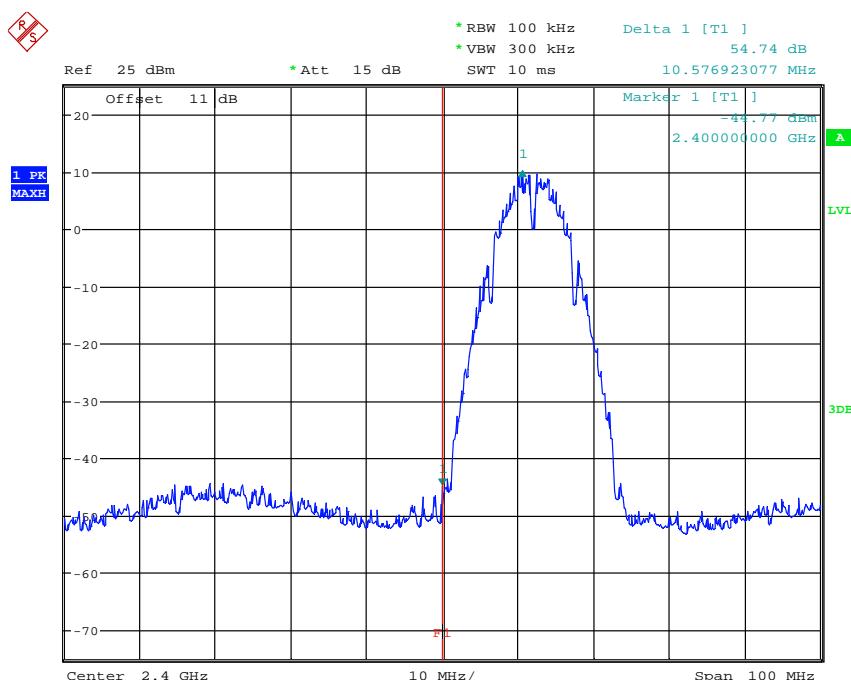
BANDEDGE 802.11N 40MHz CH01
Date: 28.JAN.2015 15:34:09

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



BANDEDGE 802.11N 40MHZ CH07
Date: 28.JAN.2015 15:35:52

ANT2

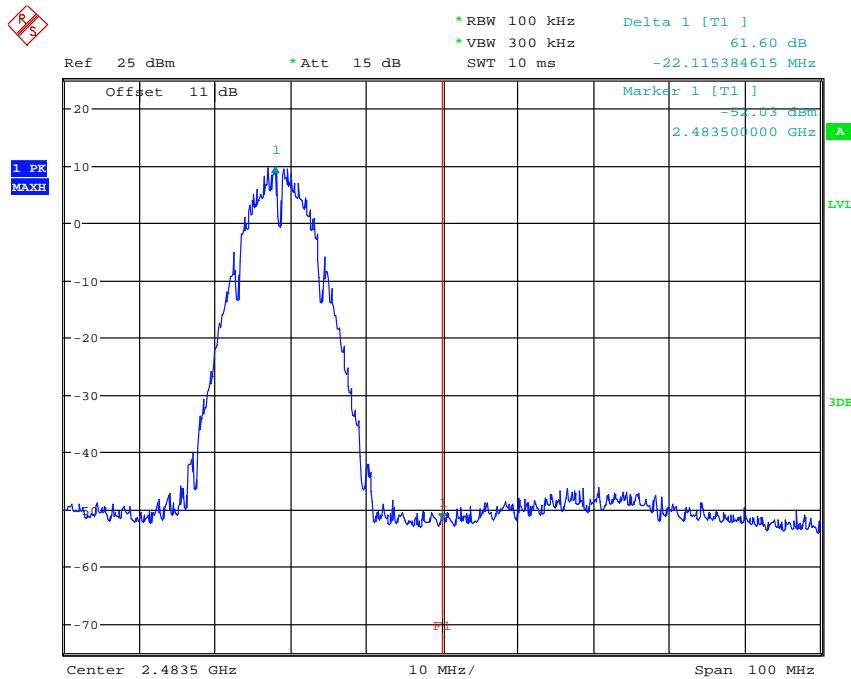


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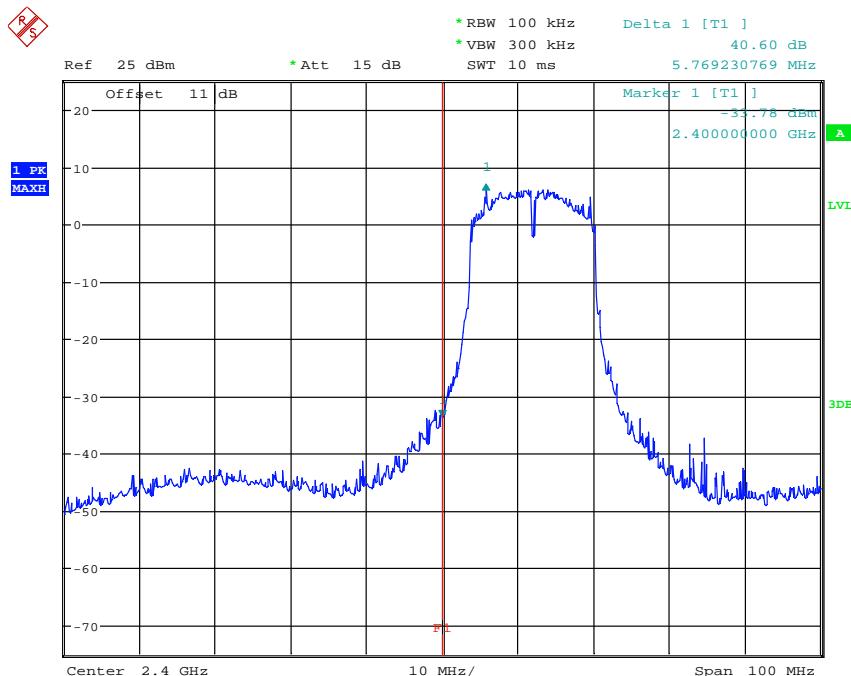


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



BANDEDGE 802.11B CH11
Date: 28.JAN.2015 15:58:31

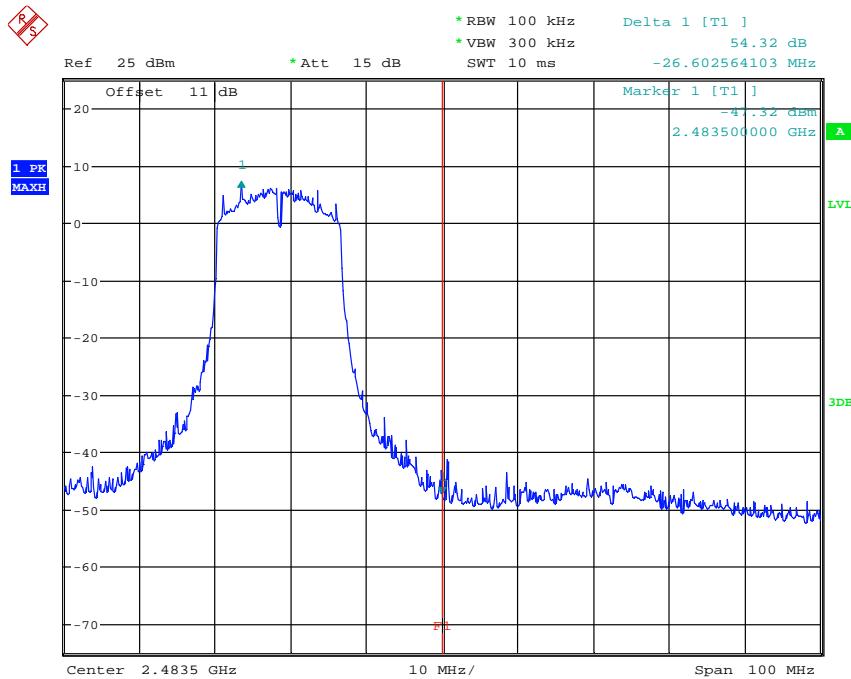


BANDEDGE 802.11G CH01
Date: 28.JAN.2015 13:45:25

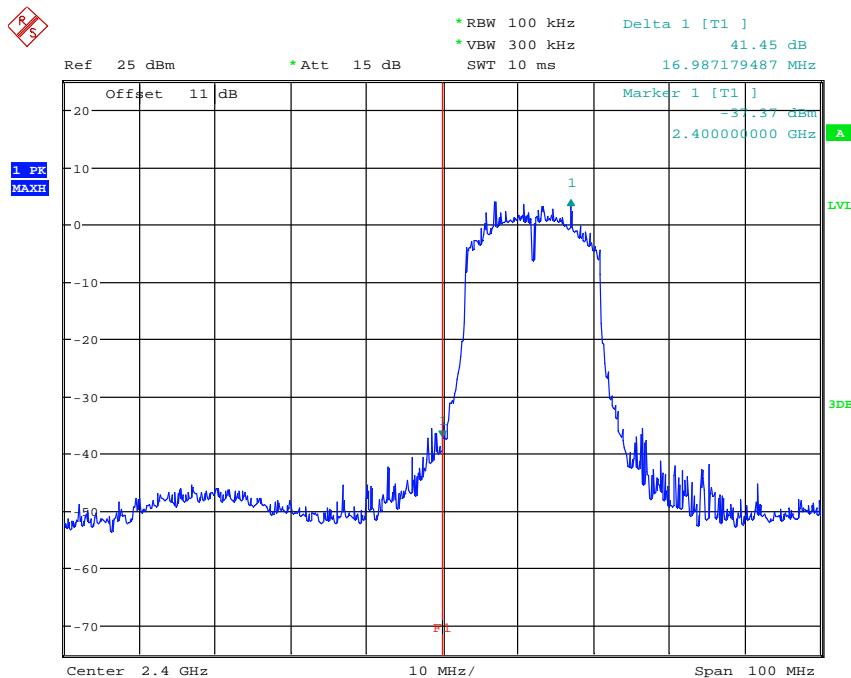


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



BANDEDGE 802.11G CH11
Date: 28.JAN.2015 13:41:25

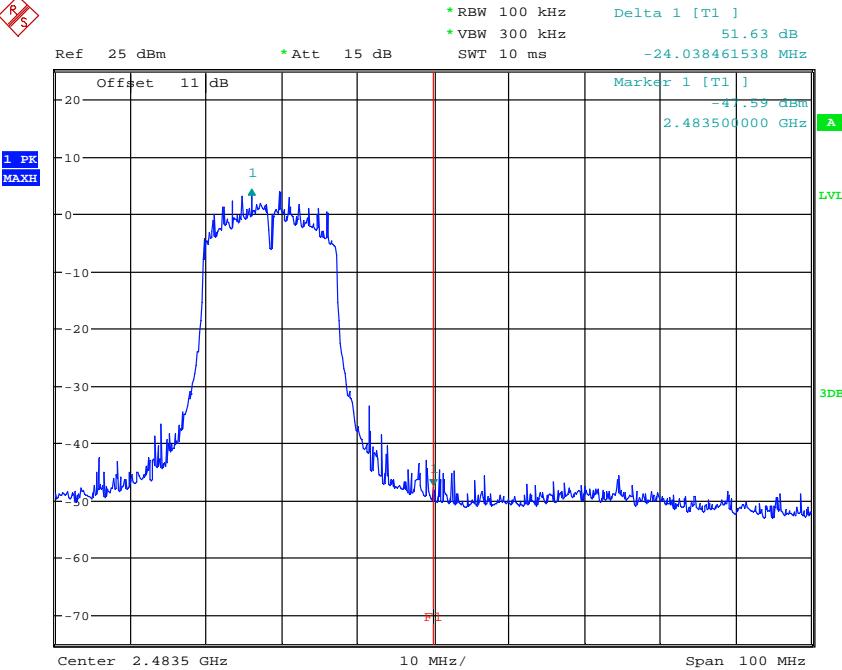


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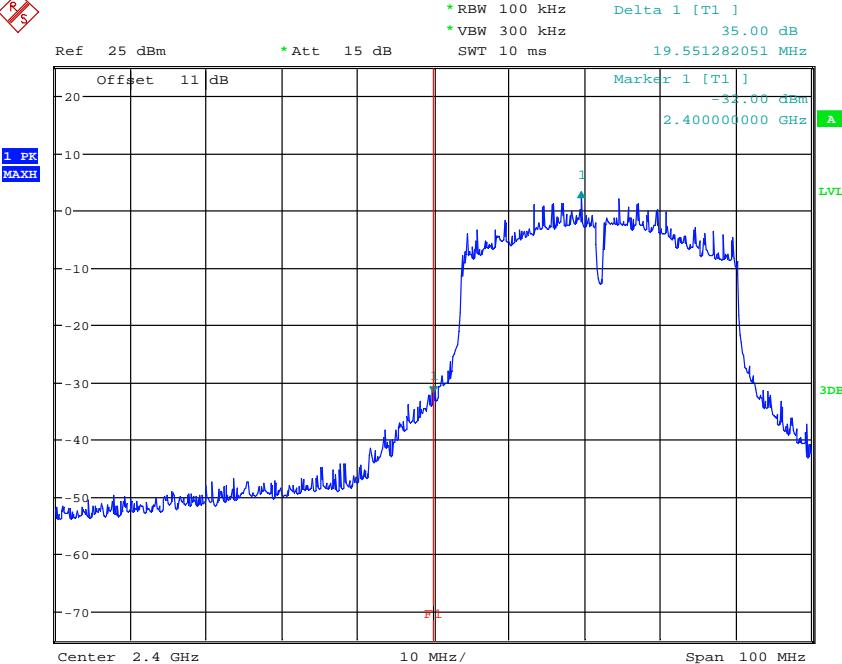


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



BANDEdge 802.11N 20MHz CH11
Date: 28.JAN.2015 14:01:53

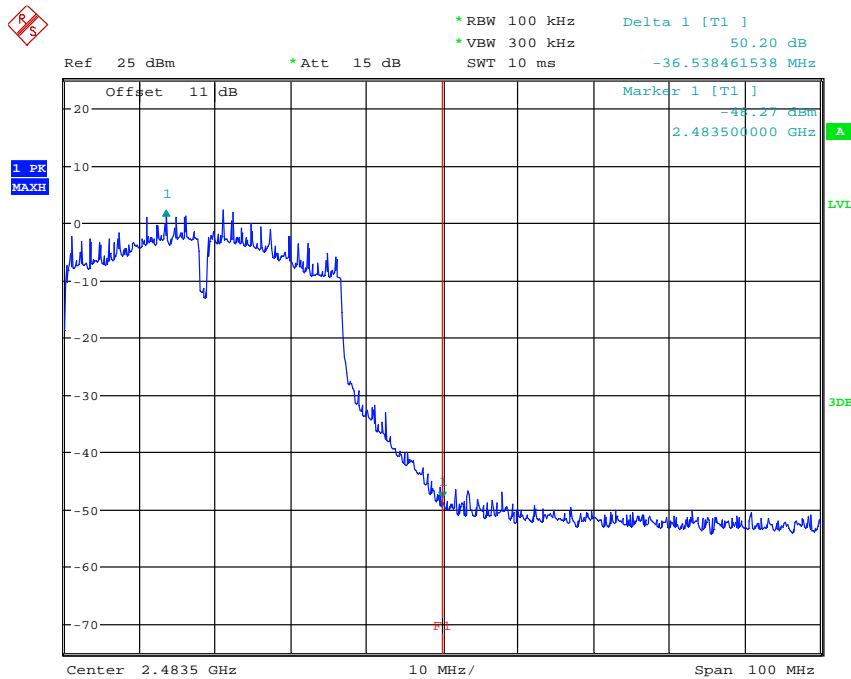


BANDEdge 802.11N 40MHz CH01
Date: 28.JAN.2015 14:04:29



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



BANDEdge 802.11N 40MHz CH07
Date: 28.JAN.2015 14:07:08

Limit:

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

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

Registration number: W6M21411-14659-C-1

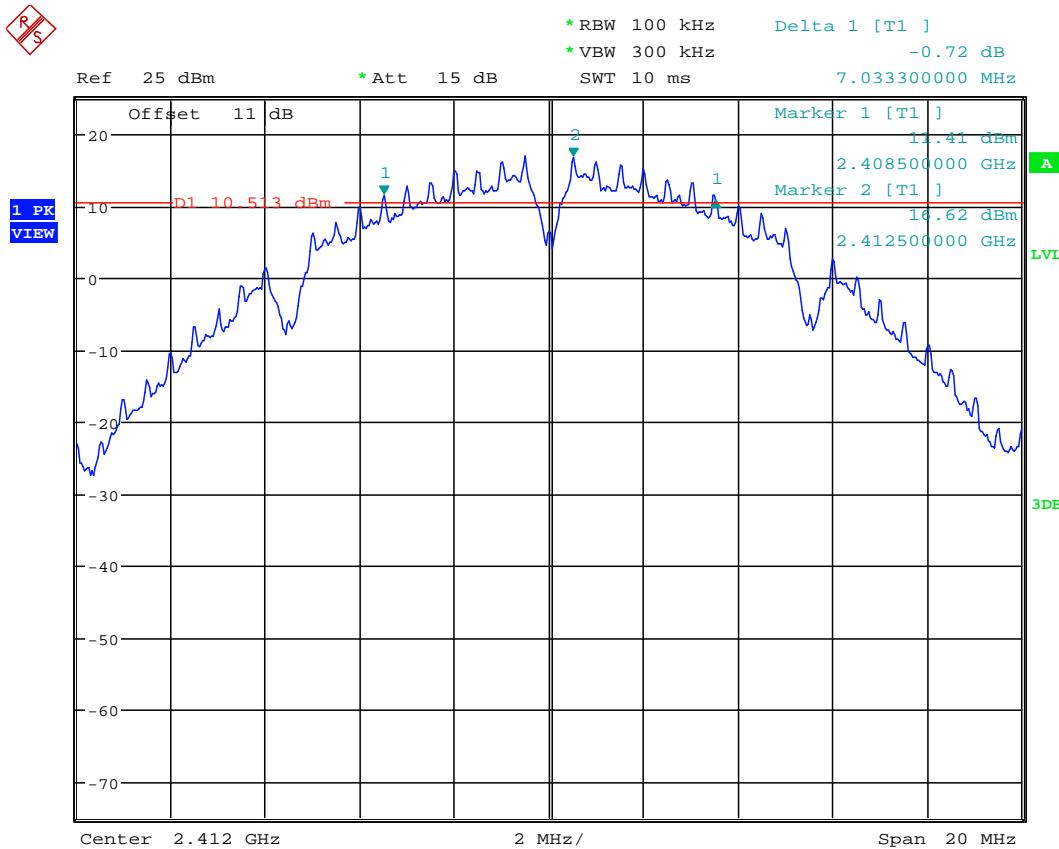
FCC ID: ZTT-REC33A

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.

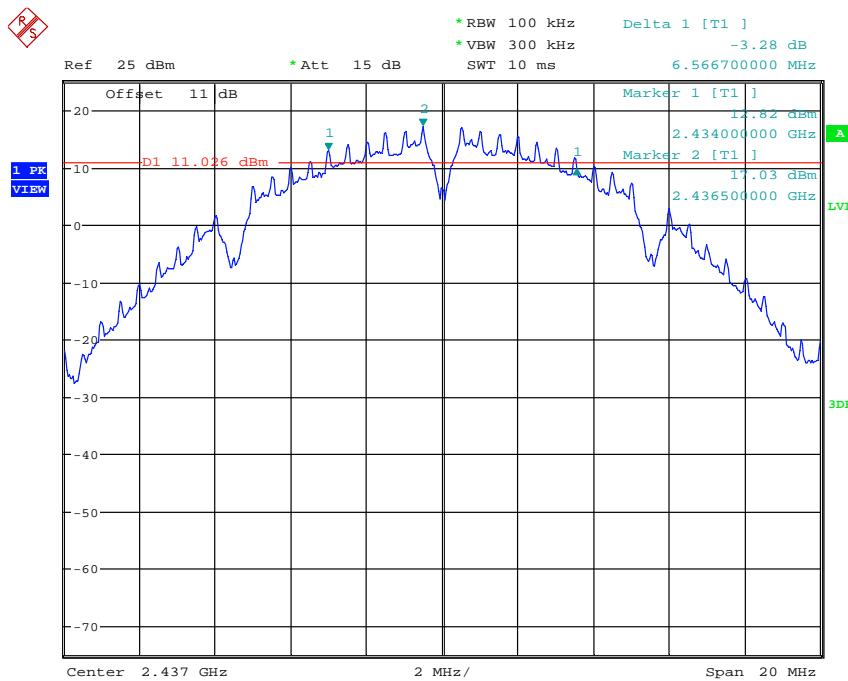
ANT0



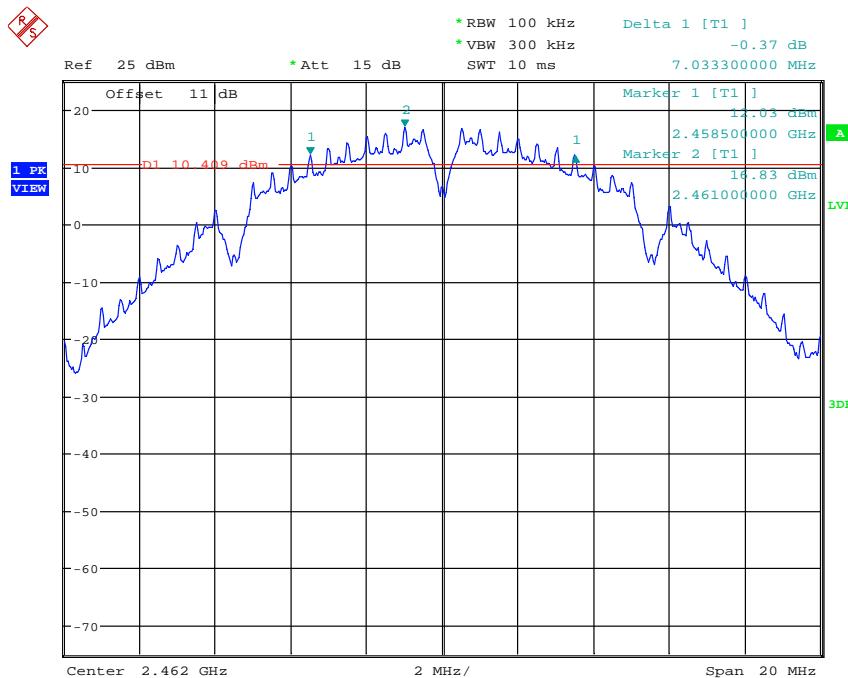
6DB BANDWIDTH 802.11B CH01

Date: 28.JAN.2015 10:10:36

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11B CH06
Date: 28.JAN.2015 10:11:25

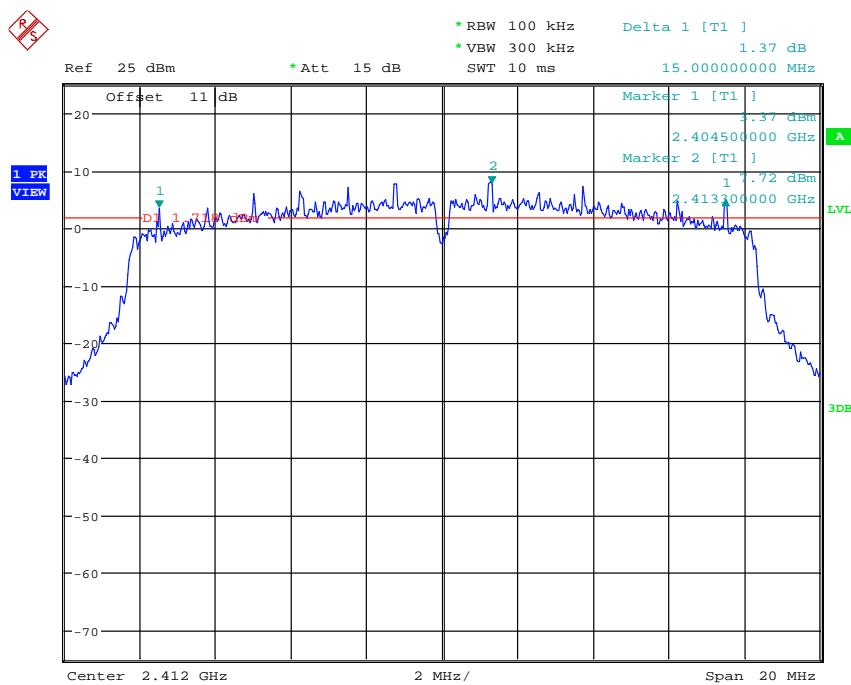


6DB BANDWIDTH 802.11B CH11
Date: 28.JAN.2015 10:09:37

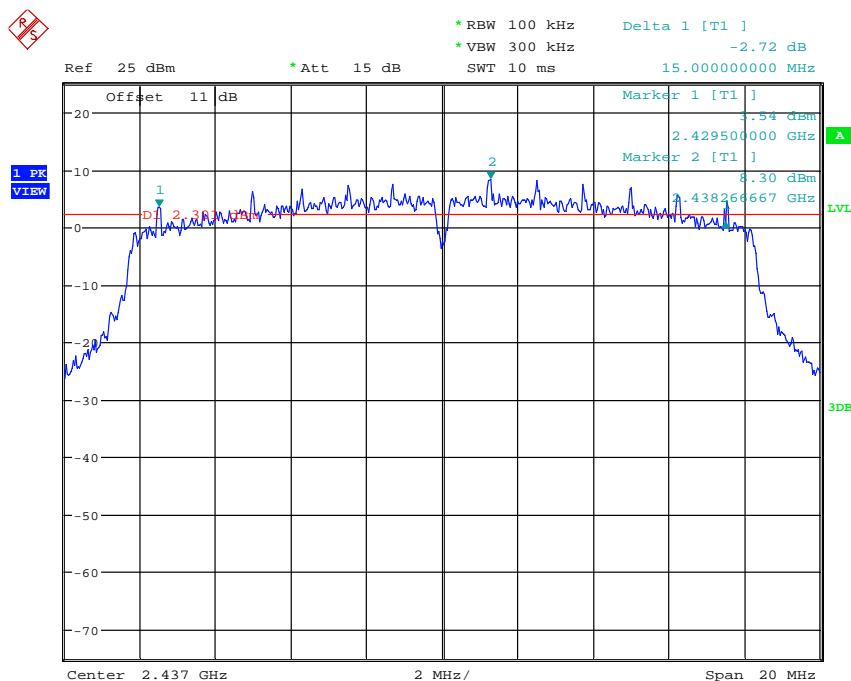


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11G CH01
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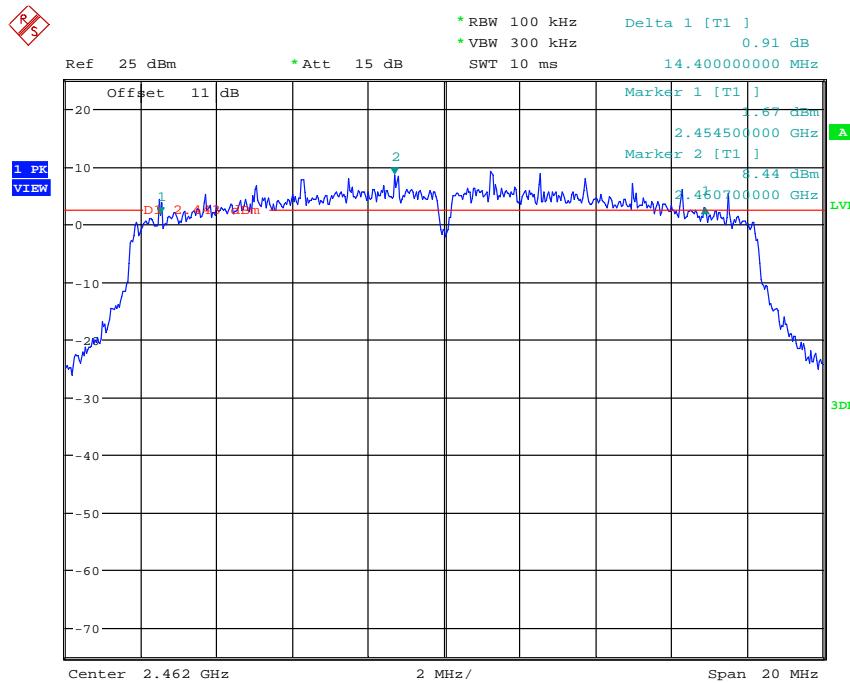


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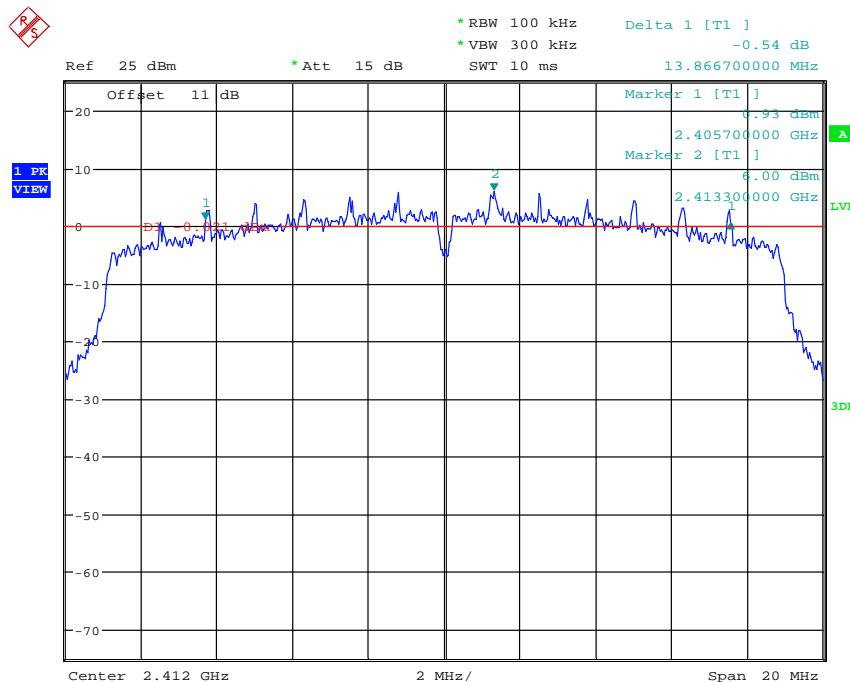


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11G CH11
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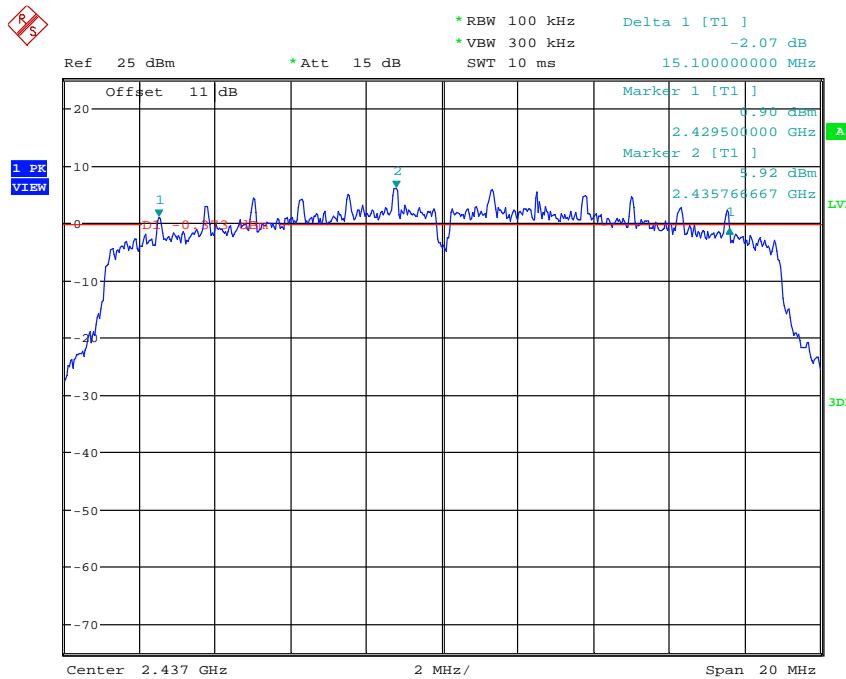


6DB BANDWIDTH 802.11N 20MHZ CH01
Date: 28.JAN.2015 10:40:09



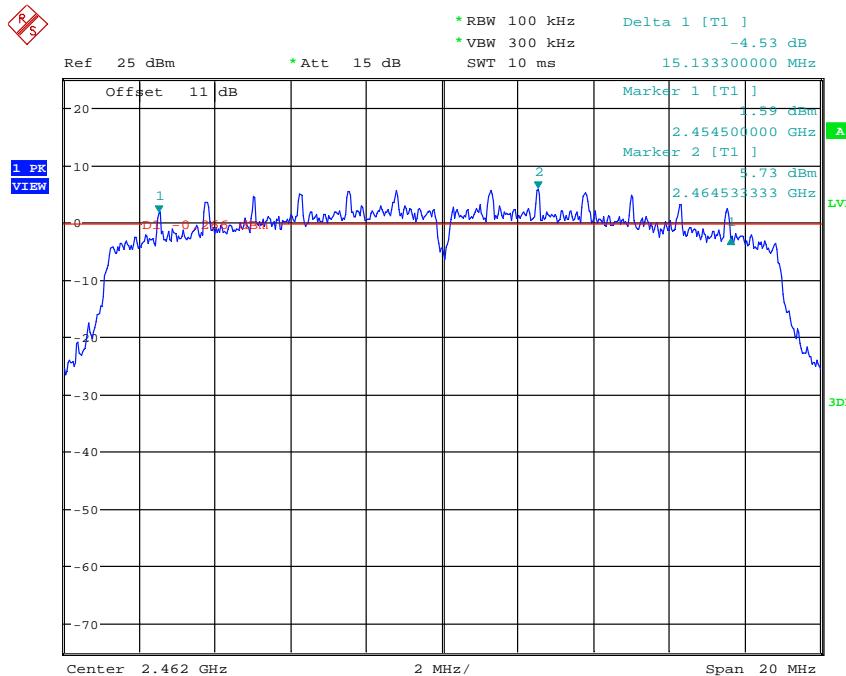
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11N 20MHZ CH06

Date: 28.JAN.2015 10:40:57



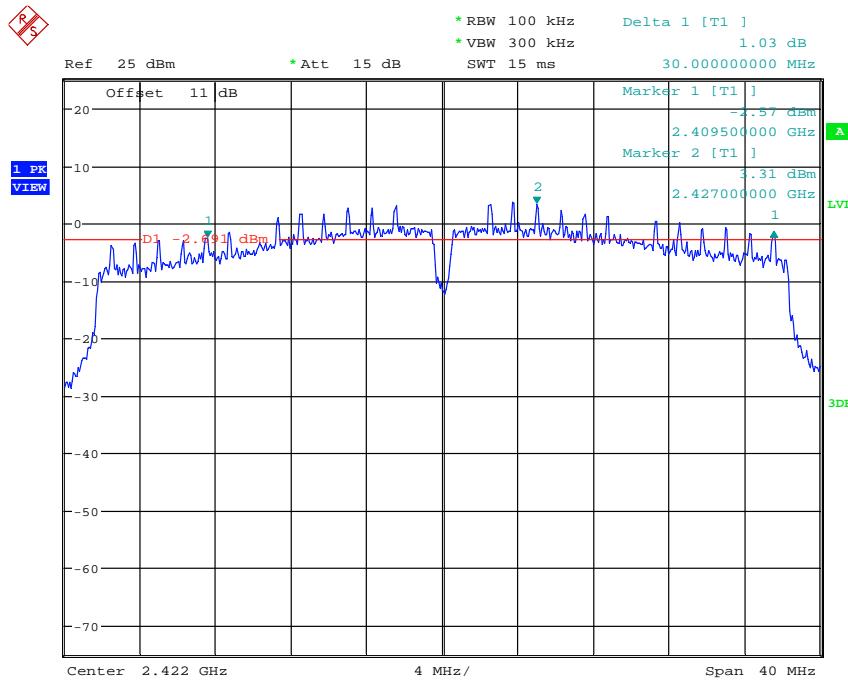
6DB BANDWIDTH 802.11N 20MHZ CH11

Date: 28.JAN.2015 10:38:52

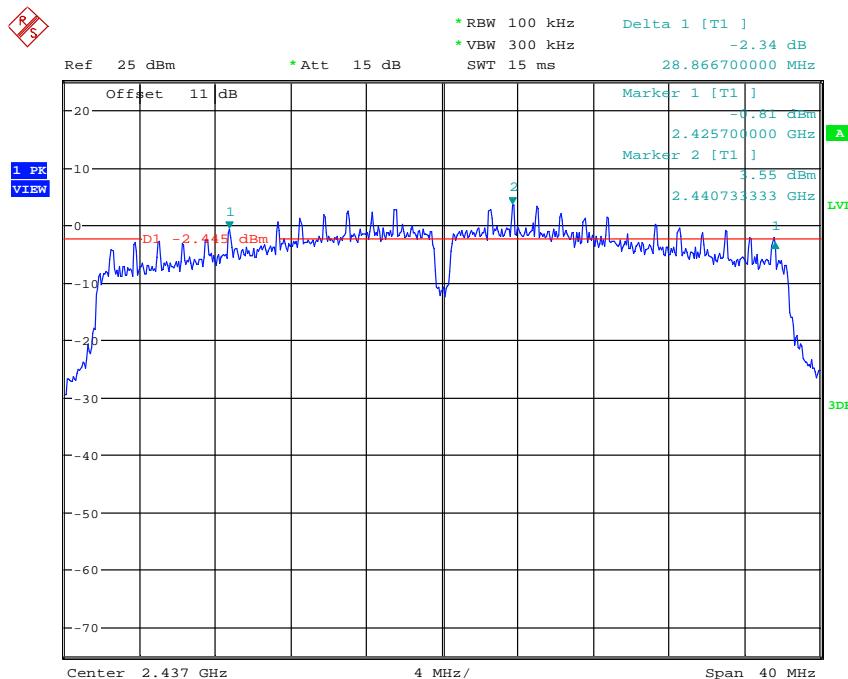


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11N 40MHZ CH01
Date: 28.JAN.2015 10:43:52

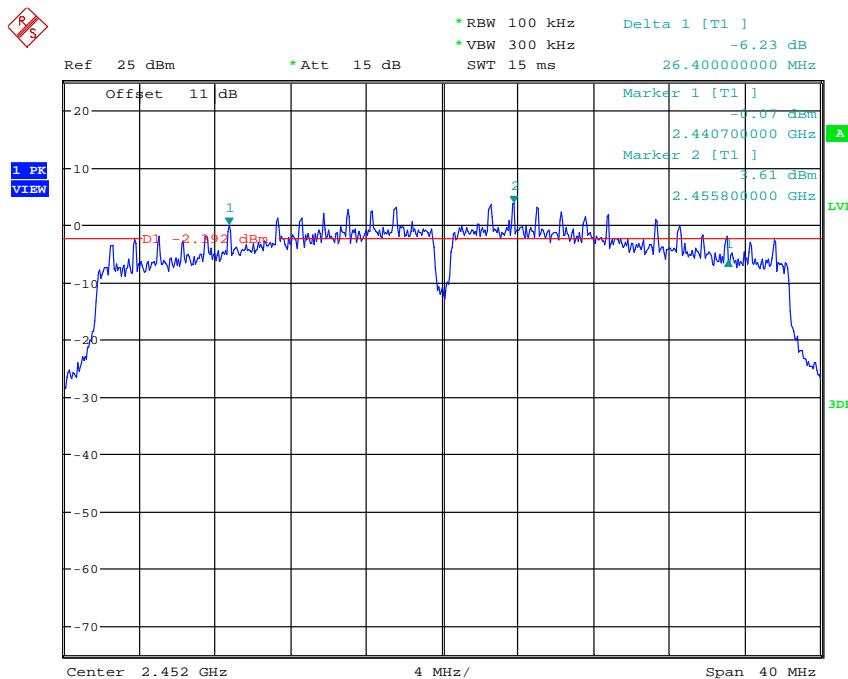


6DB BANDWIDTH 802.11N 40MHZ CH04
Date: 28.JAN.2015 10:45:00



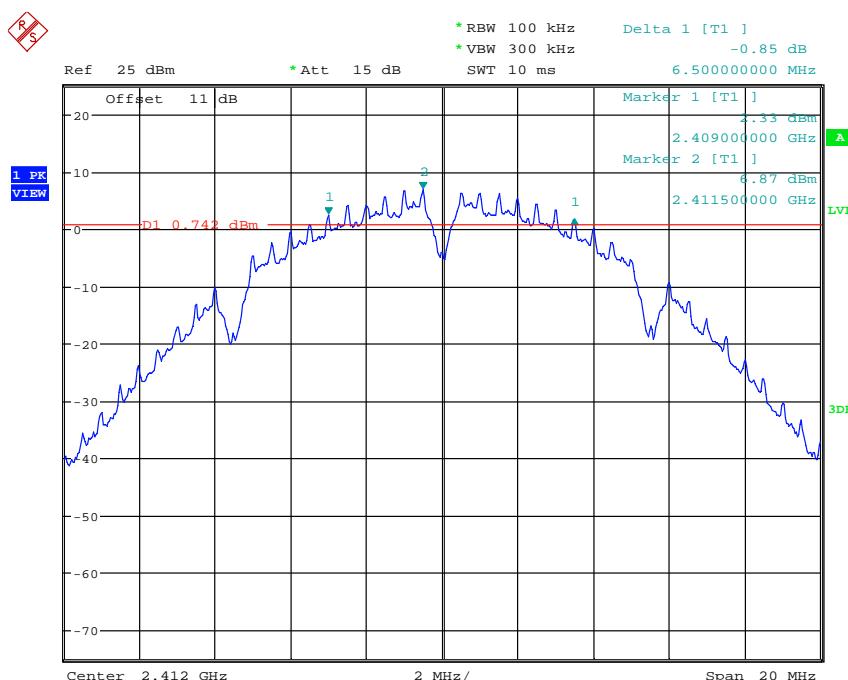
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11N 40MHZ CH07
Date: 28.JAN.2015 10:42:05

ANT1

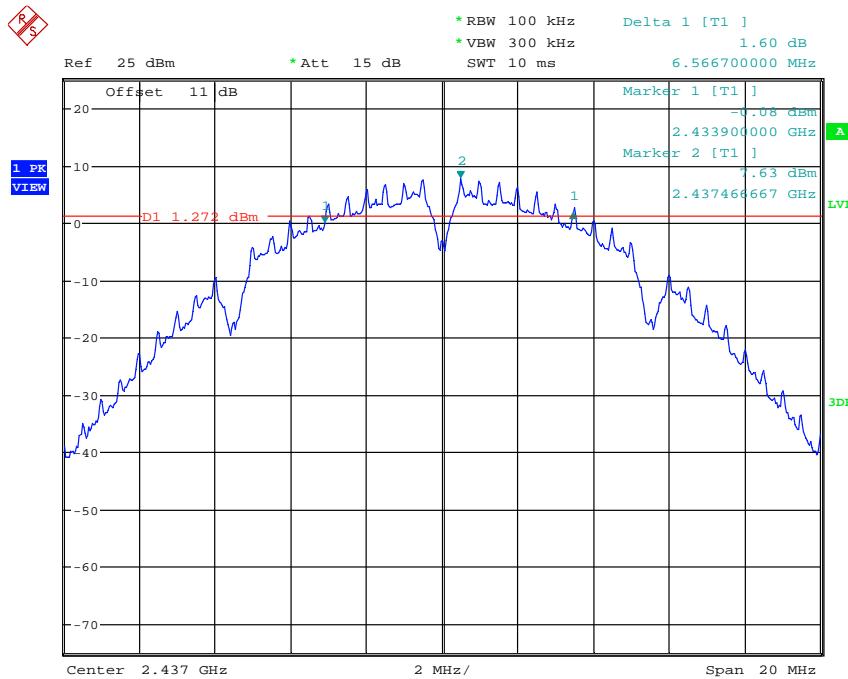


6DB BANDWIDTH 802.11B CH01
Date: 4.FEB.2015 21:15:34

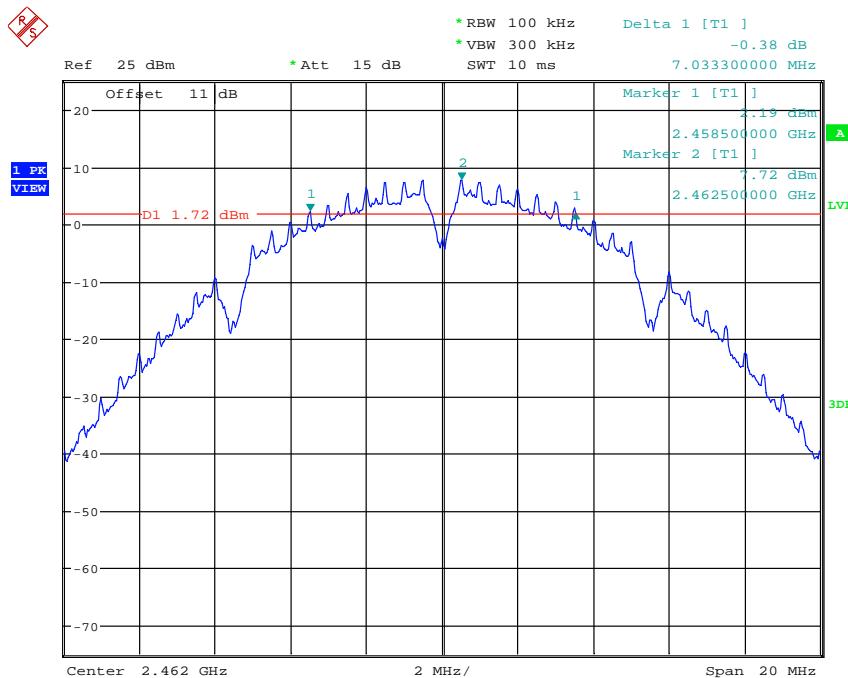


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11B CH06
Date: 4.FEB.2015 21:19:23

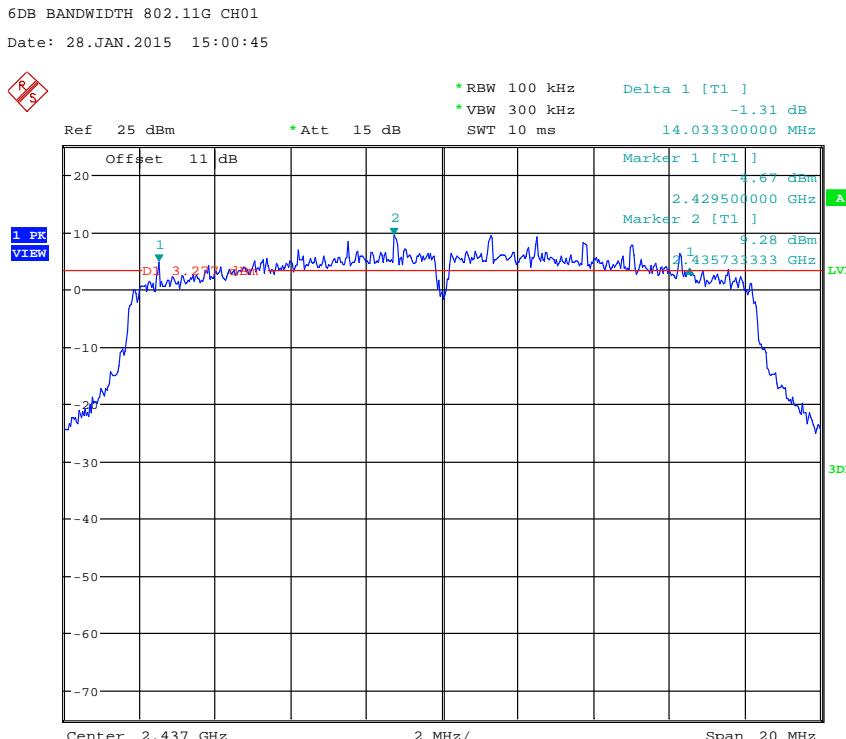
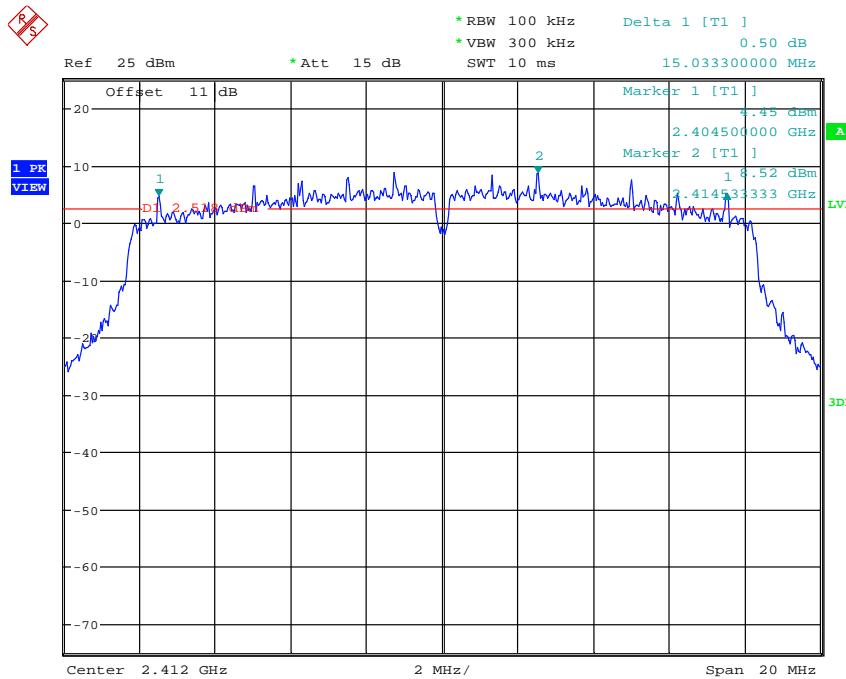


6DB BANDWIDTH 802.11B CH11
Date: 4.FEB.2015 21:21:04



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



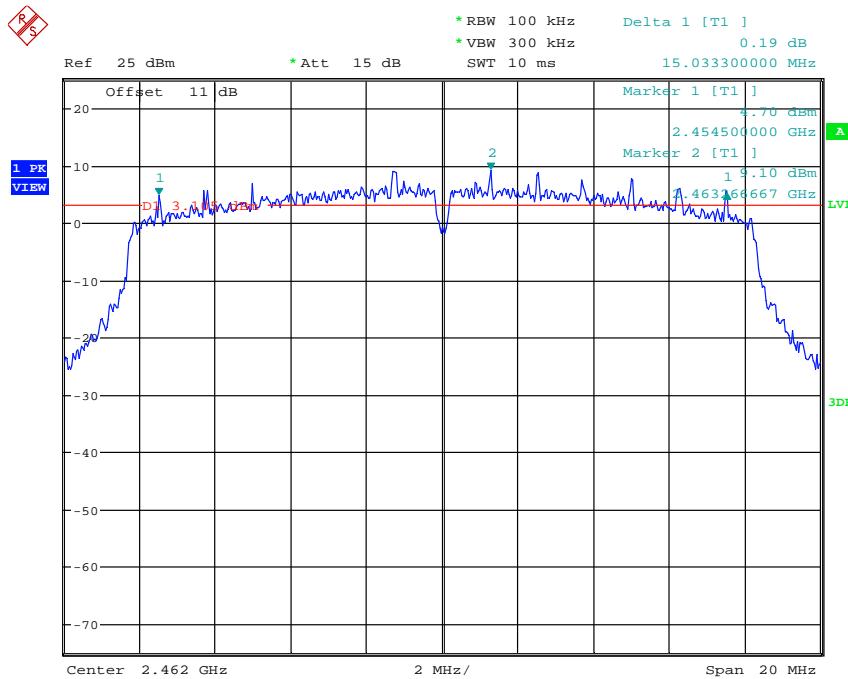
6DB BANDWIDTH 802.11G CH06

Date: 28.JAN.2015 15:03:03

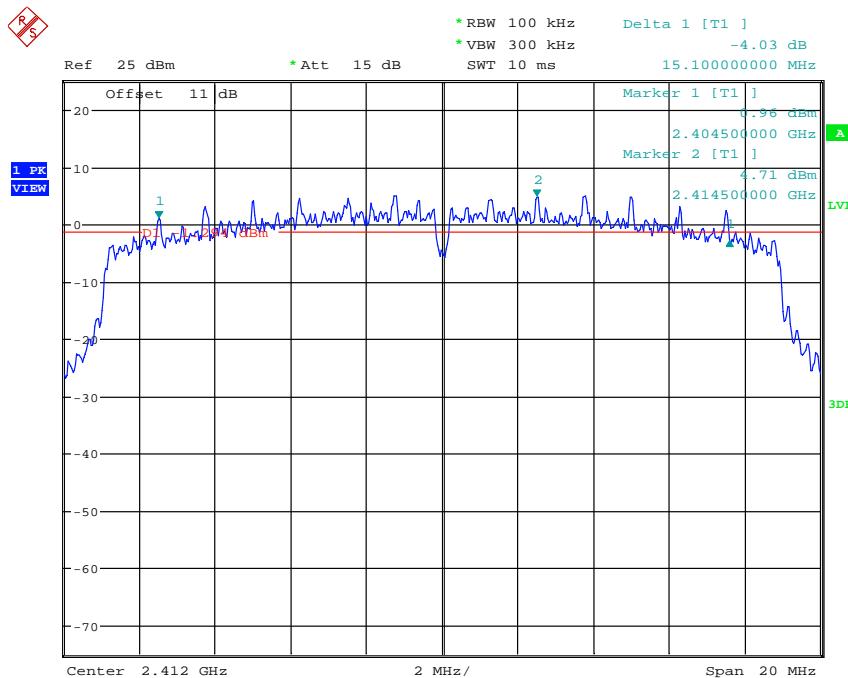


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

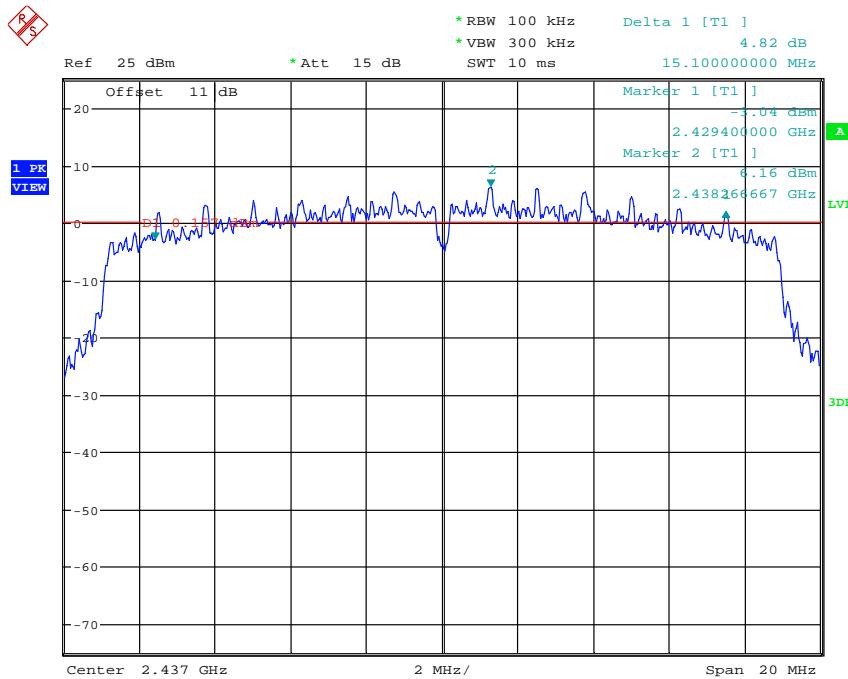


6DB BANDWIDTH 802.11G CH11
Date: 28.JAN.2015 15:09:10

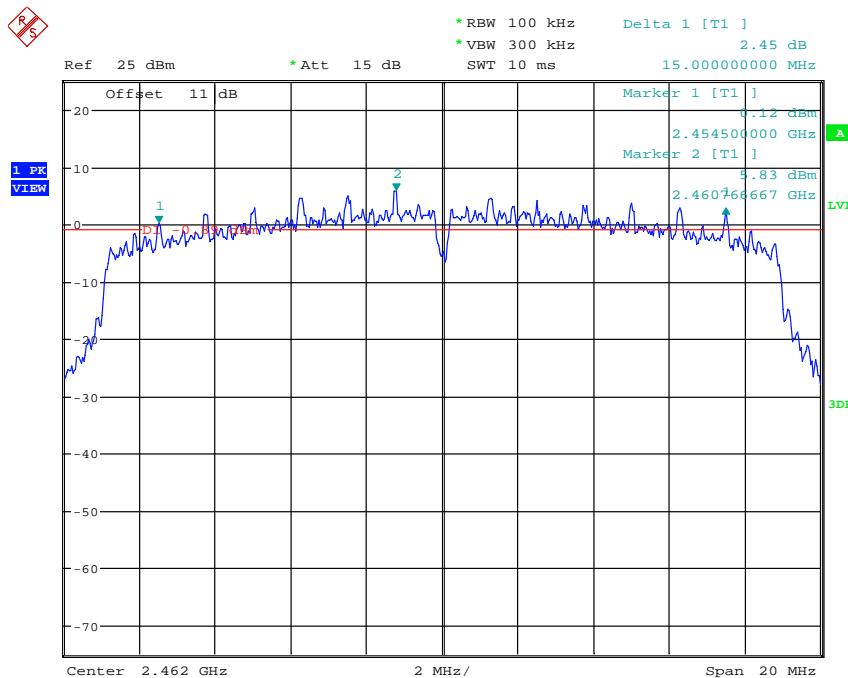


6DB BANDWIDTH 802.11N 20MHZ CH01
Date: 28.JAN.2015 15:29:32

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11N 20MHZ CH06
Date: 28.JAN.2015 15:30:15

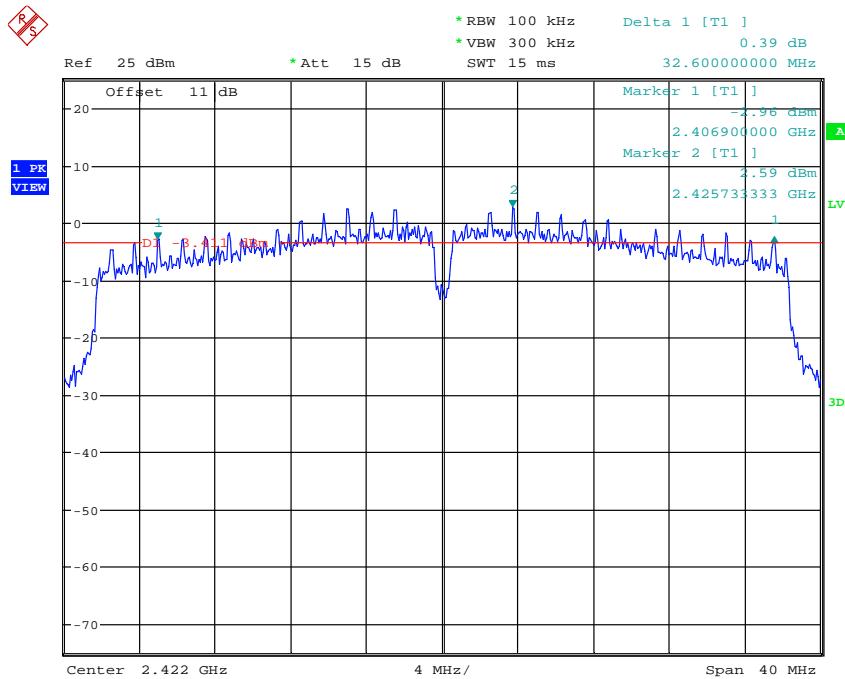


6DB BANDWIDTH 802.11N 20MHZ CH11
Date: 28.JAN.2015 15:30:52

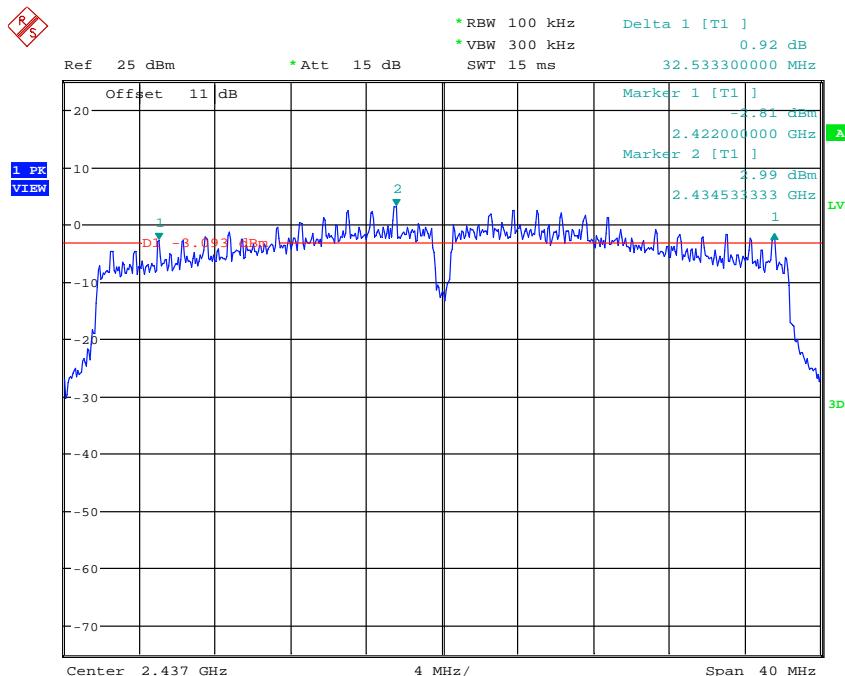


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

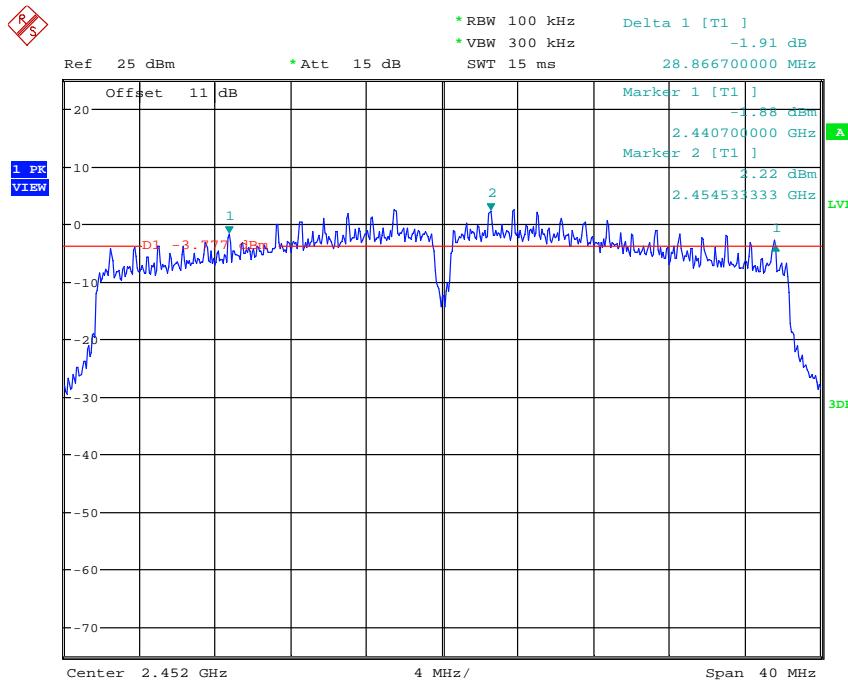


6DB BANDWIDTH 802.11N 40MHZ CH01
Date: 28.JAN.2015 15:33:52



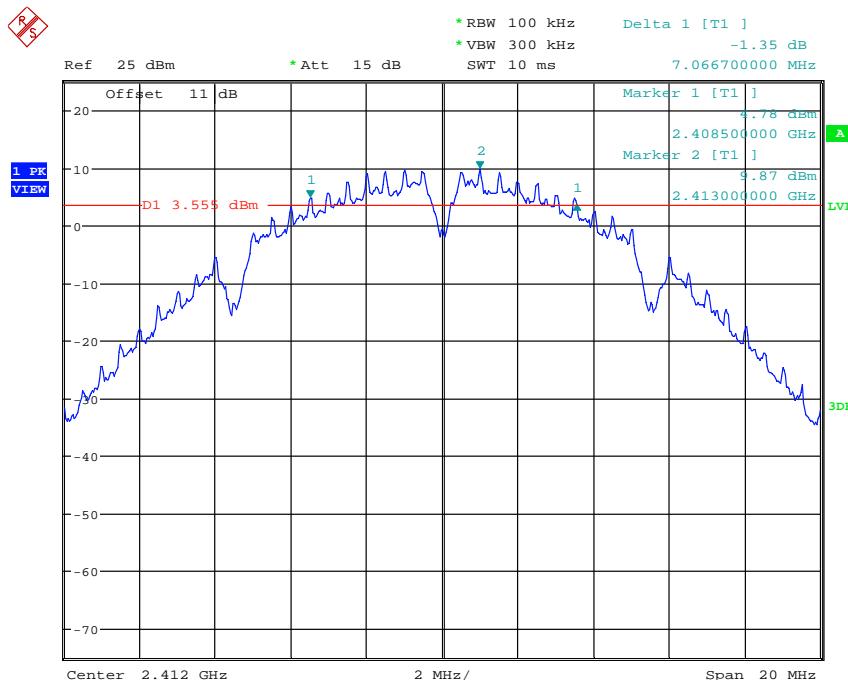
6DB BANDWIDTH 802.11N 40MHZ CH04
Date: 28.JAN.2015 15:34:49

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



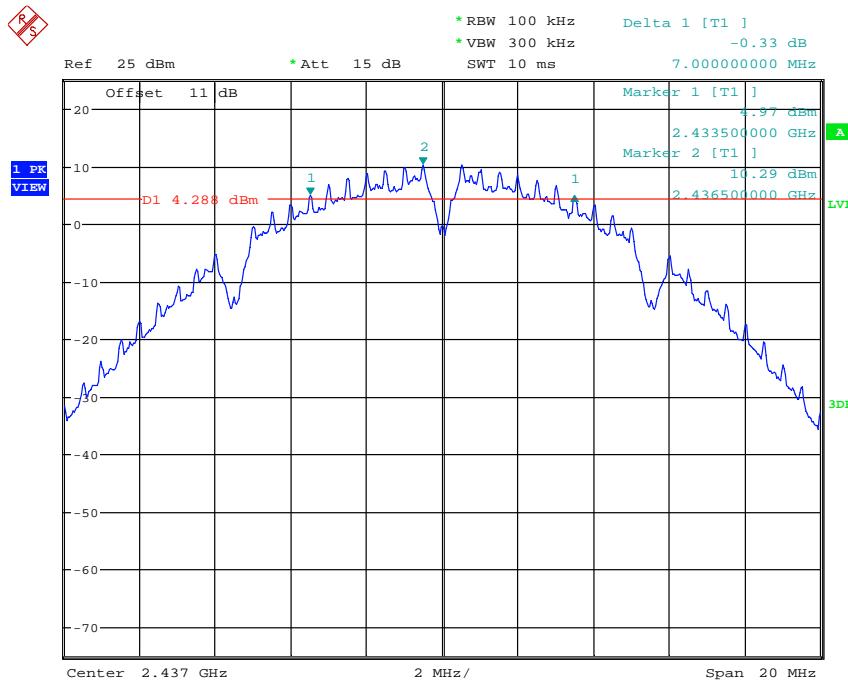
6DB BANDWIDTH 802.11N 40MHZ CH07
Date: 28.JAN.2015 15:35:35

ANT2

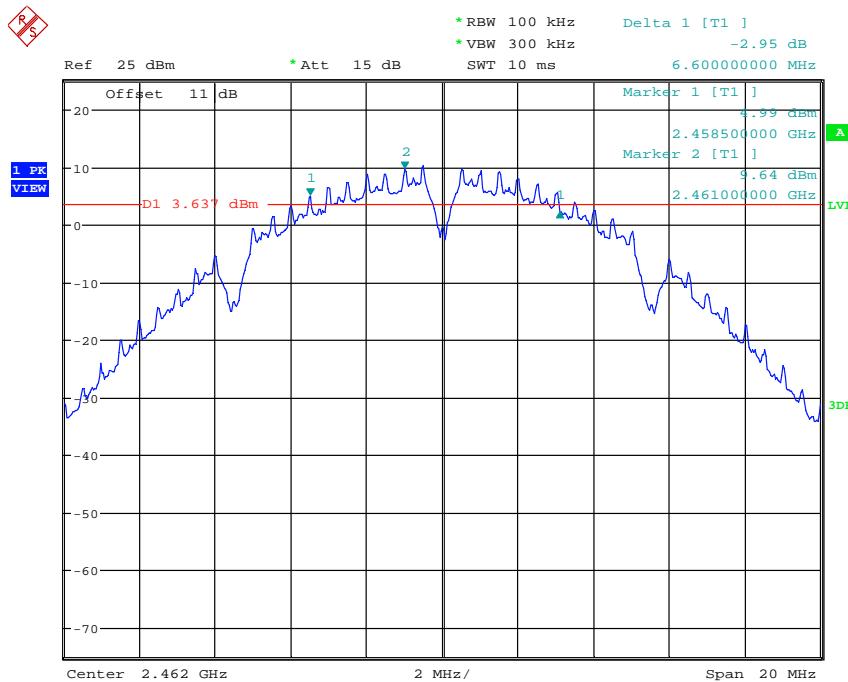


6DB BANDWIDTH 802.11B CH01
Date: 28.JAN.2015 15:56:43

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11B CH06
Date: 28.JAN.2015 15:57:40

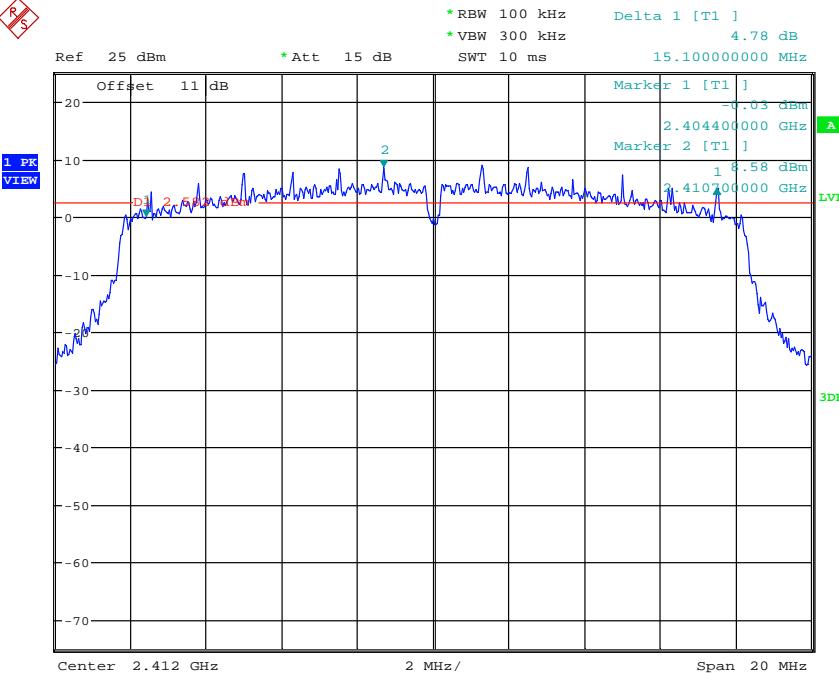


6DB BANDWIDTH 802.11B CH11
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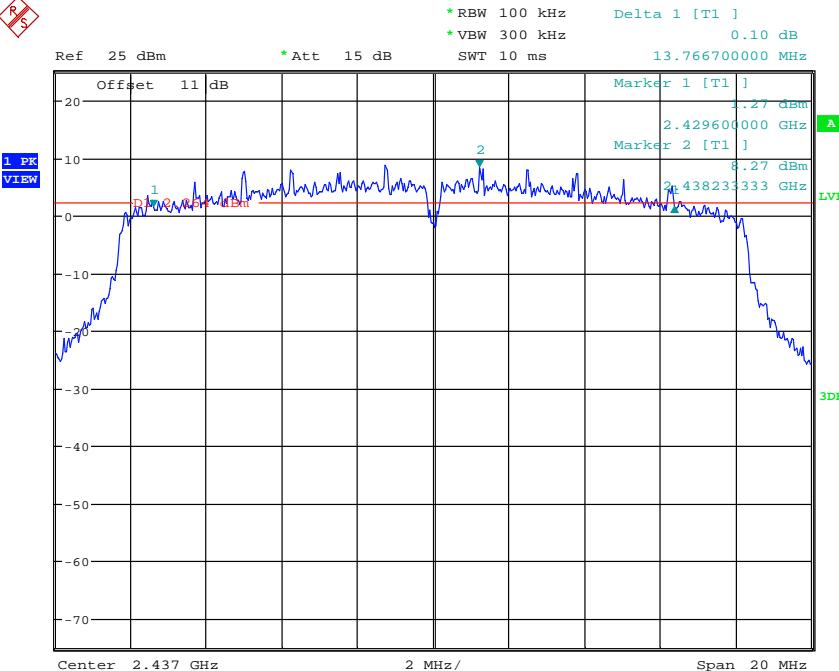


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11G CH01
Date: 28.JAN.2015 13:45:11

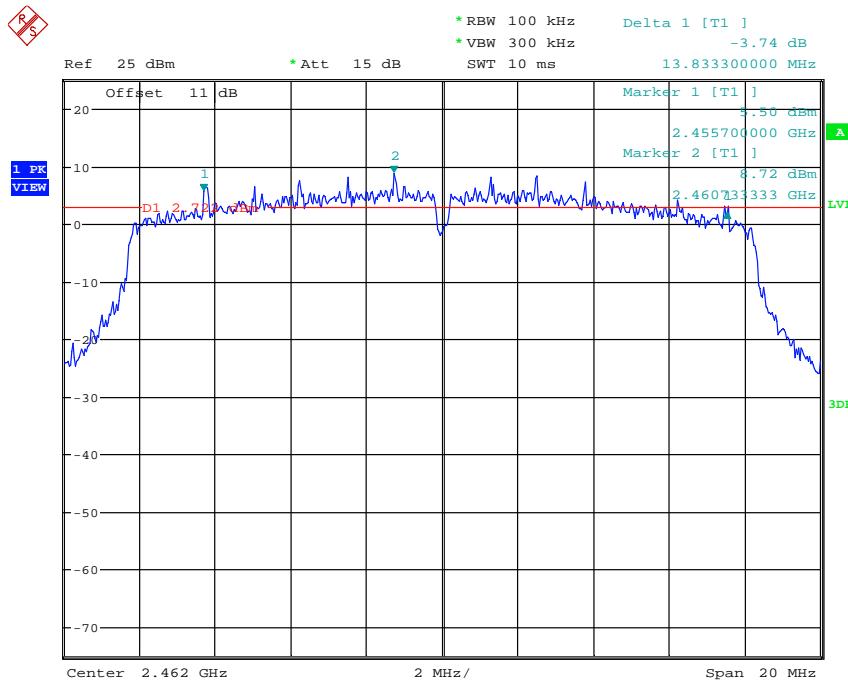


6DB BANDWIDTH 802.11G CH06
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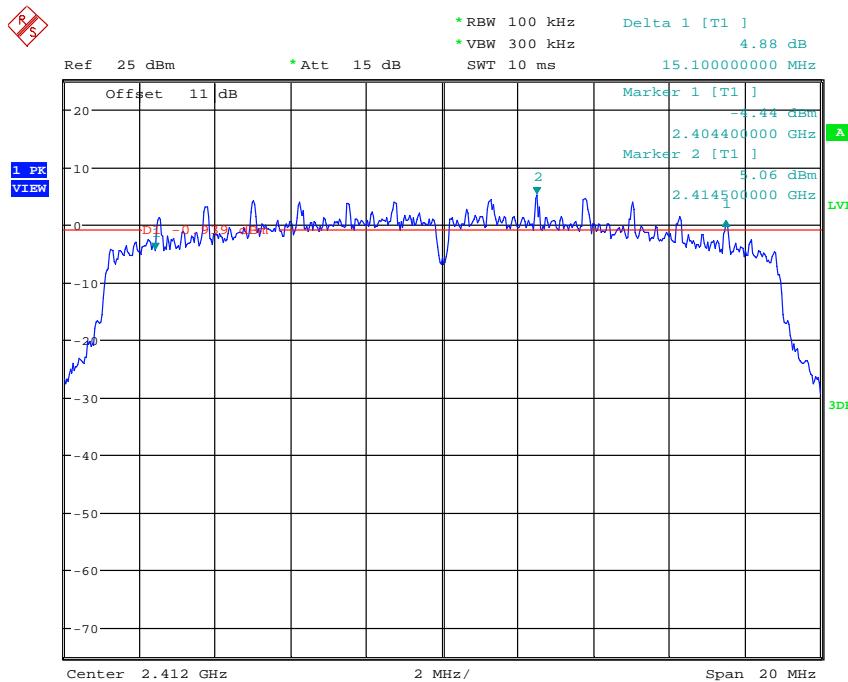


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

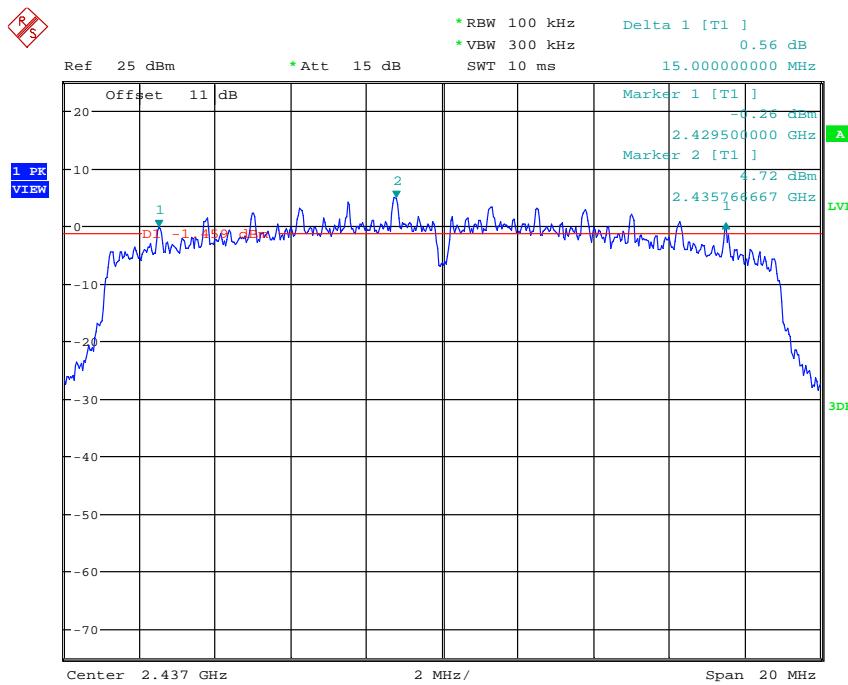


6DB BANDWIDTH 802.11G CH11
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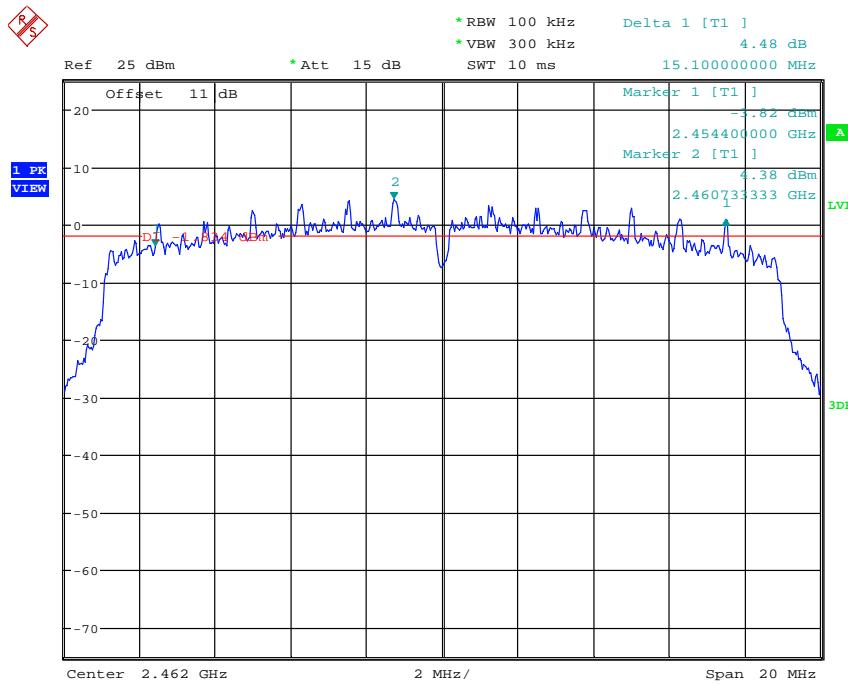


6DB BANDWIDTH 802.11N 20MHZ CH01
Date: 28.JAN.2015 13:48:54

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11N 20MHZ CH06
Date: 28.JAN.2015 13:50:08

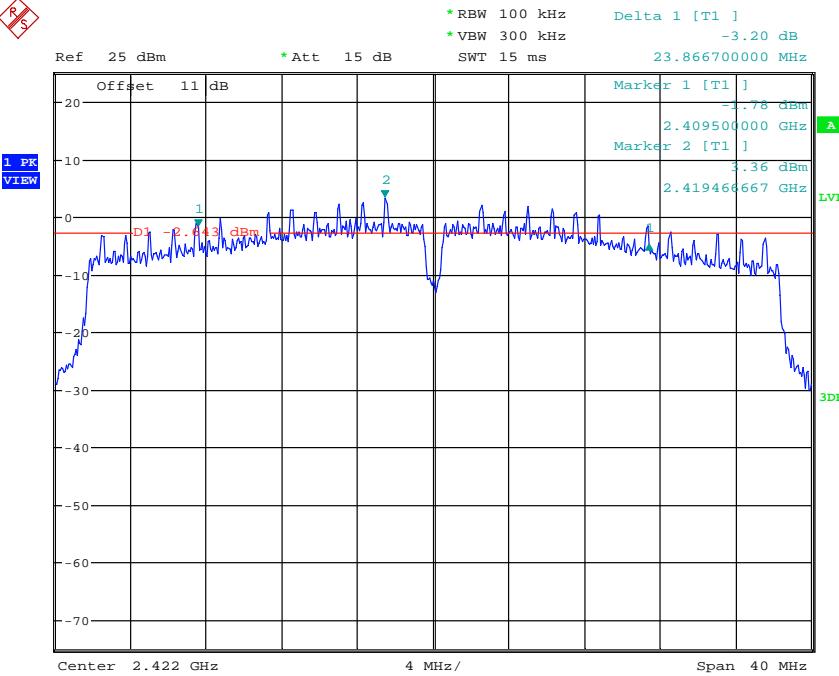


6DB BANDWIDTH 802.11N 20MHZ CH11
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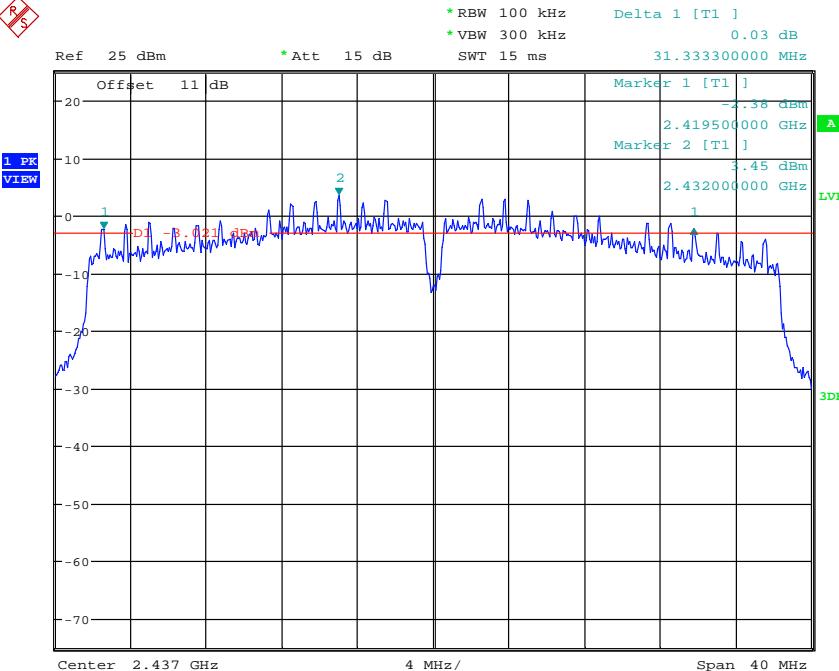


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

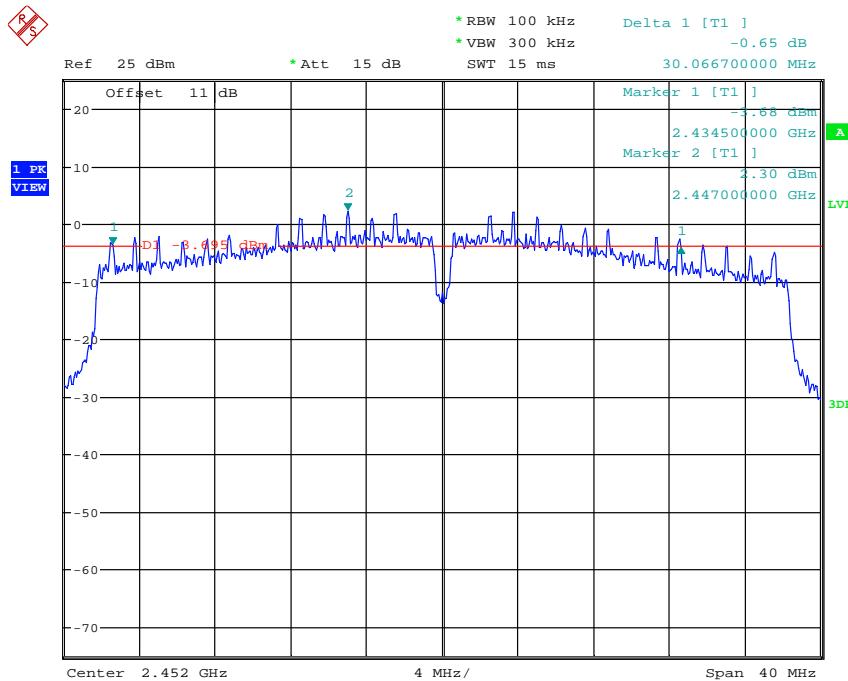


6DB BANDWIDTH 802.11N 40MHZ CH01
Date: 28.JAN.2015 14:04:12



6DB BANDWIDTH 802.11N 40MHZ CH04
Date: 28.JAN.2015 14:05:35

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



6DB BANDWIDTH 802.11N 40MHZ CH07
Date: 28.JAN.2015 14:06:51

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: W6M21411-14659-C-1

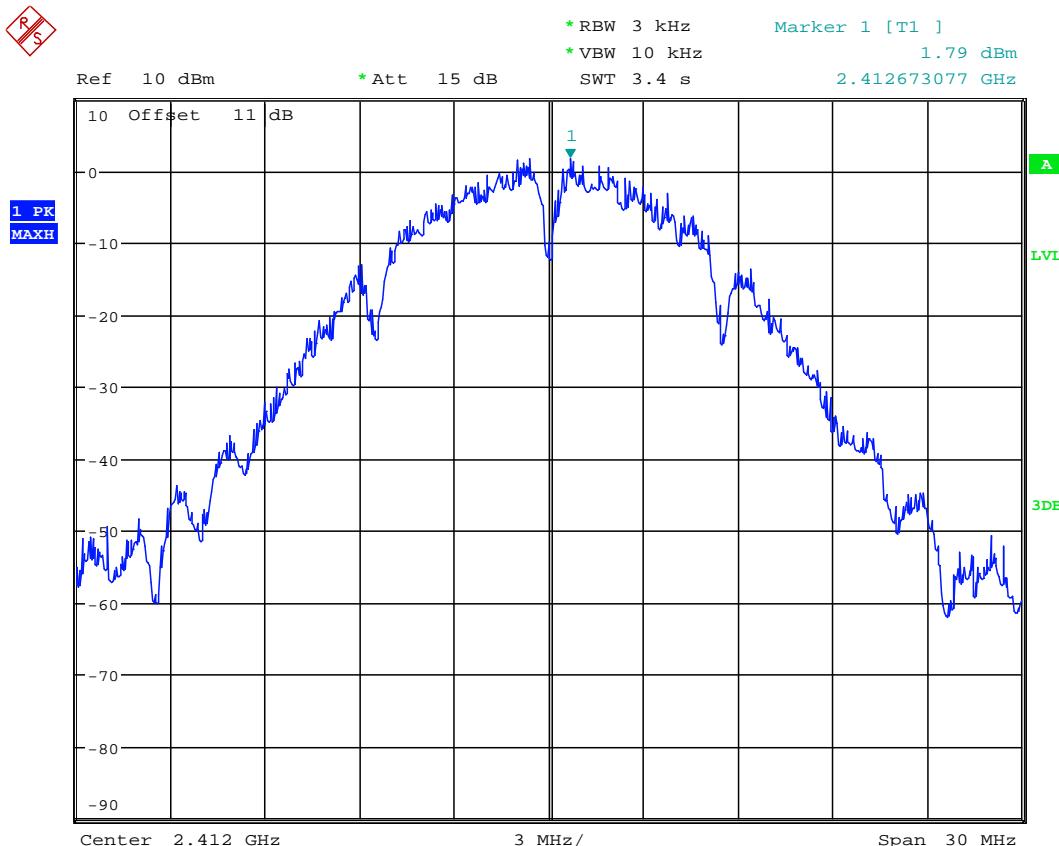
FCC ID: ZTT-REC33A

3.8 Peak Power Spectral Density

Peak Power Spectral density is 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.

ANT0

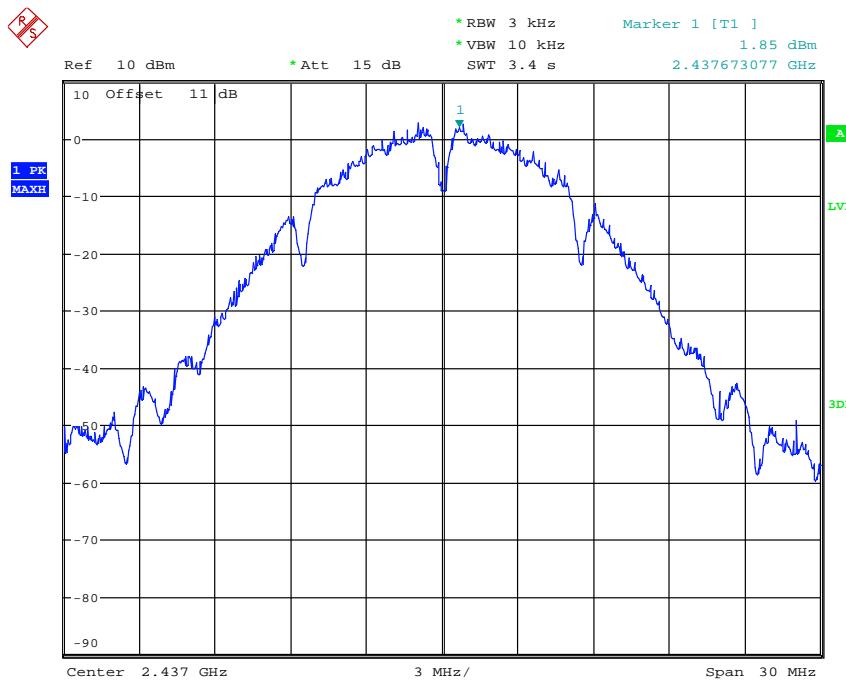


POWER DENSITY 802.11B CH01

Date: 28.JAN.2015 10:10:45

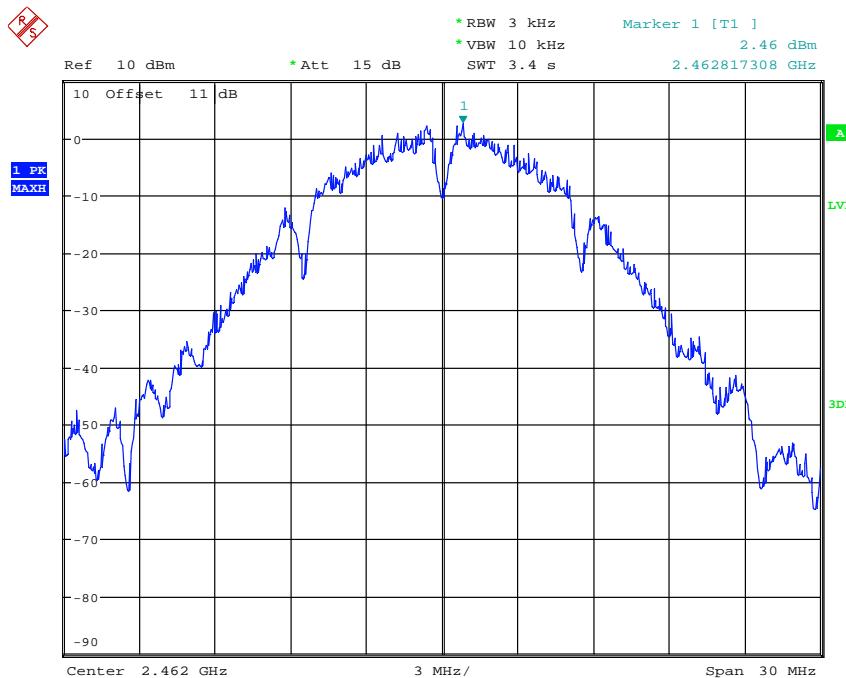
Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A



POWER DENSITY 802.11B CH06

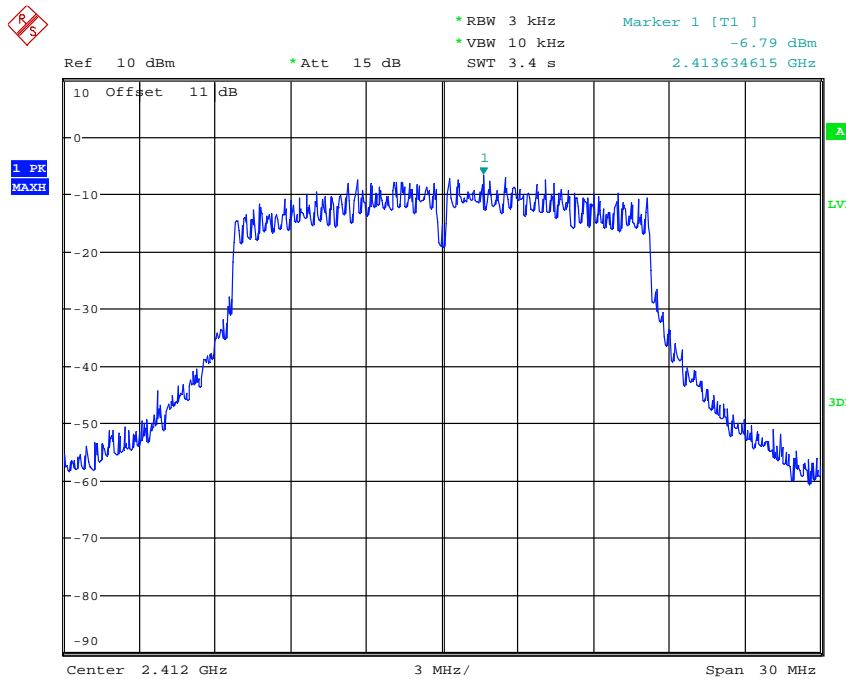
Date: 28.JAN.2015 10:12:27



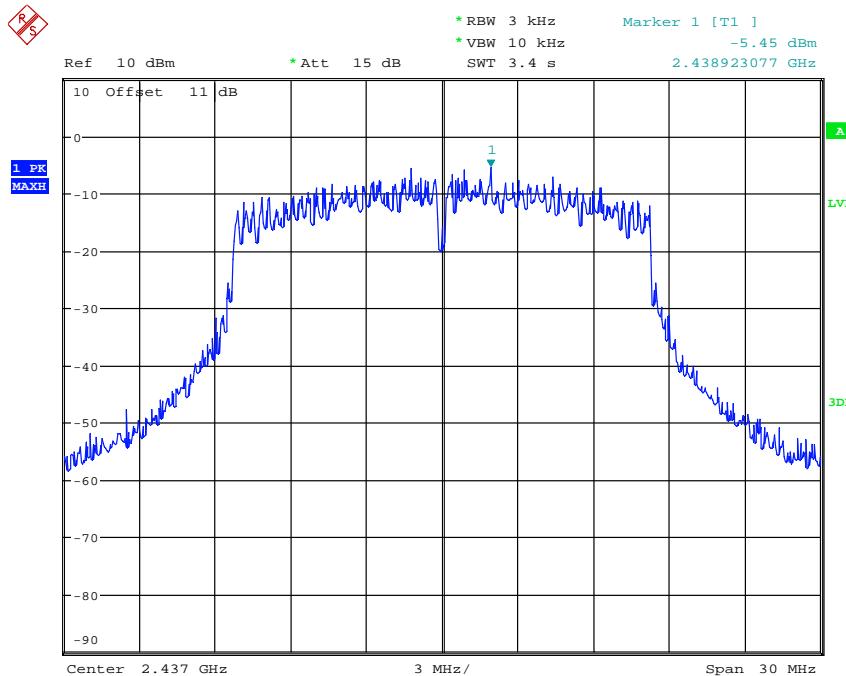
POWER DENSITY 802.11B CH11

Date: 28.JAN.2015 10:09:46

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



POWER DENSITY 802.11G CH01
Date: 28.JAN.2015 10:06:15

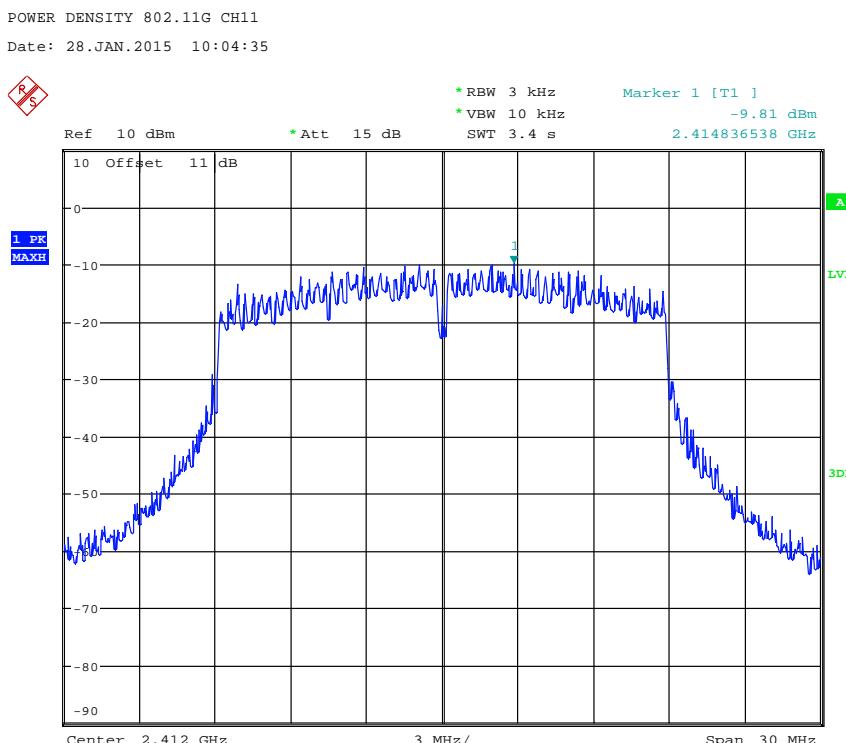
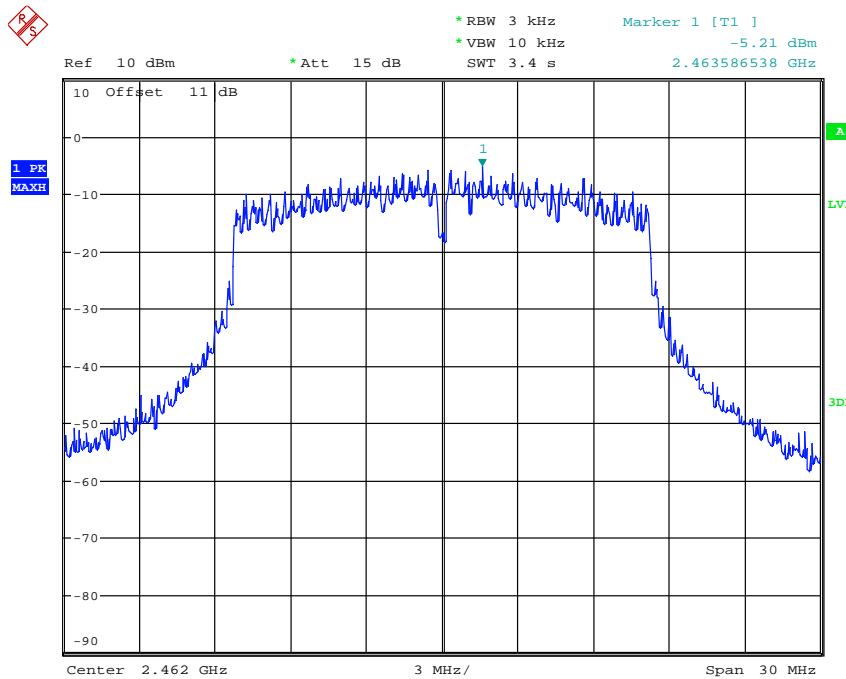


POWER DENSITY 802.11G CH06
Date: 28.JAN.2015 10:07:04



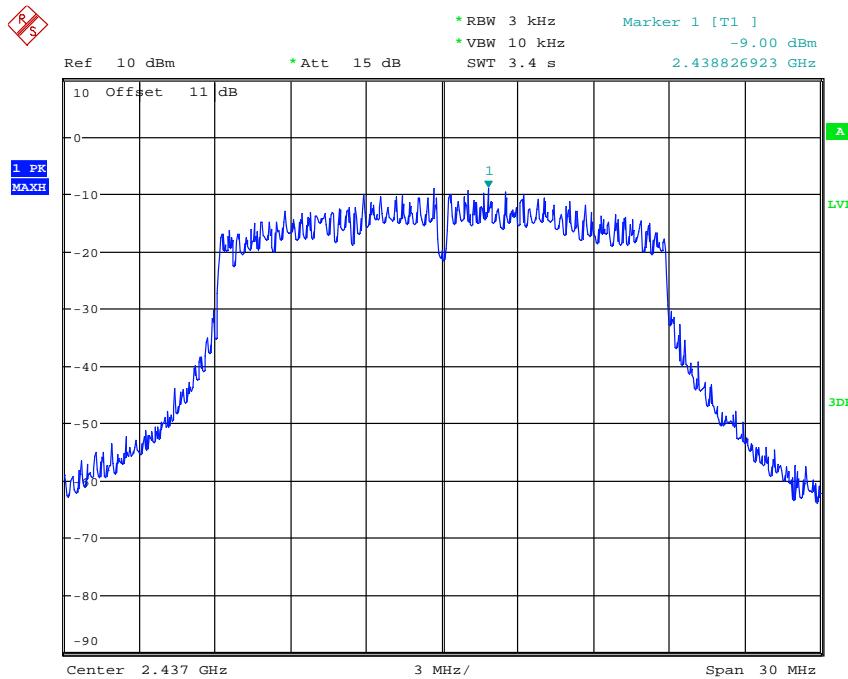
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

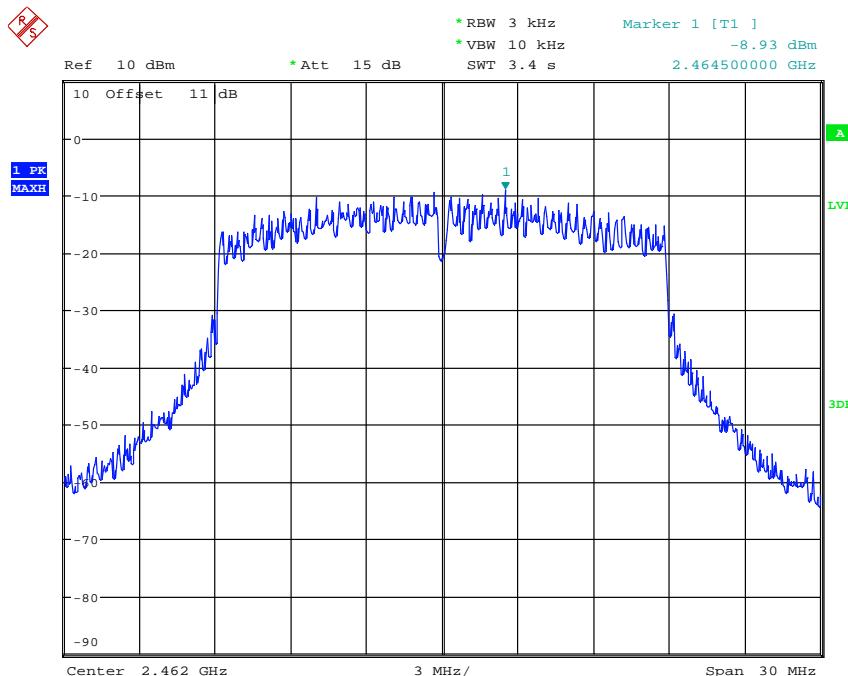


POWER DENSITY 802.11N 20MHZ CH01
Date: 28.JAN.2015 10:40:18

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

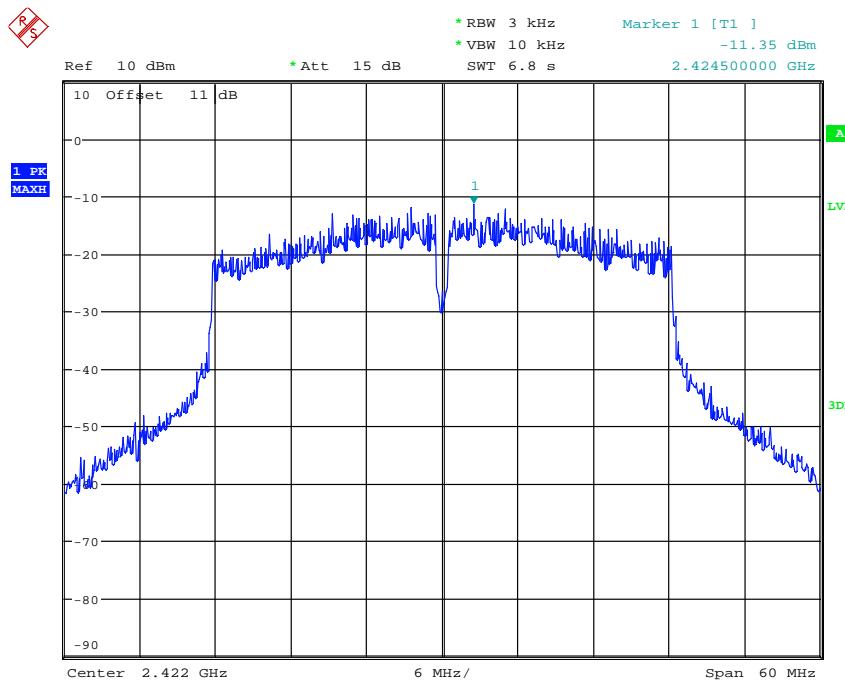


POWER DENSITY 802.11N 20MHZ CH06
Date: 28.JAN.2015 10:41:06

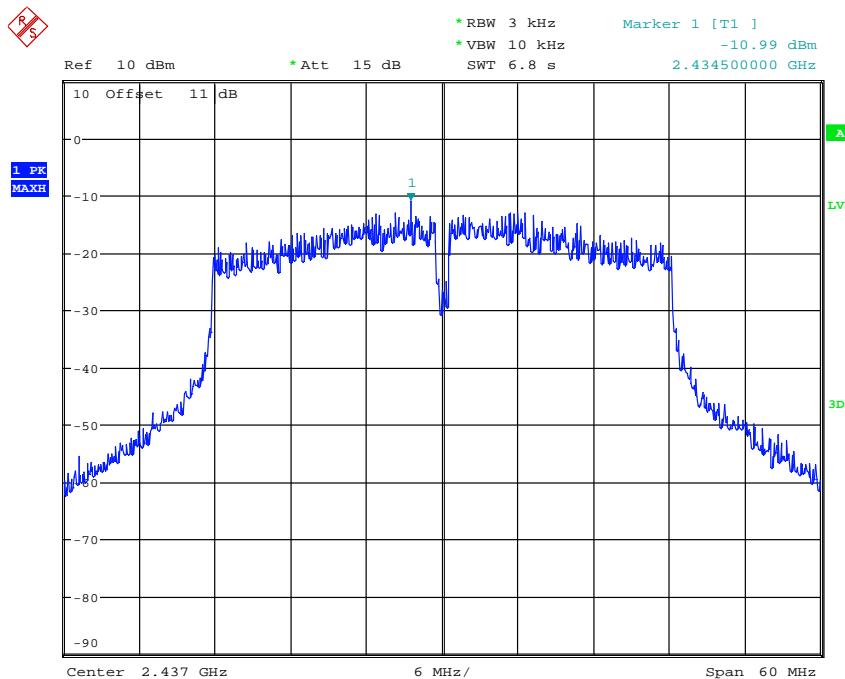


POWER DENSITY 802.11N 20MHZ CH11
Date: 28.JAN.2015 10:39:01

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

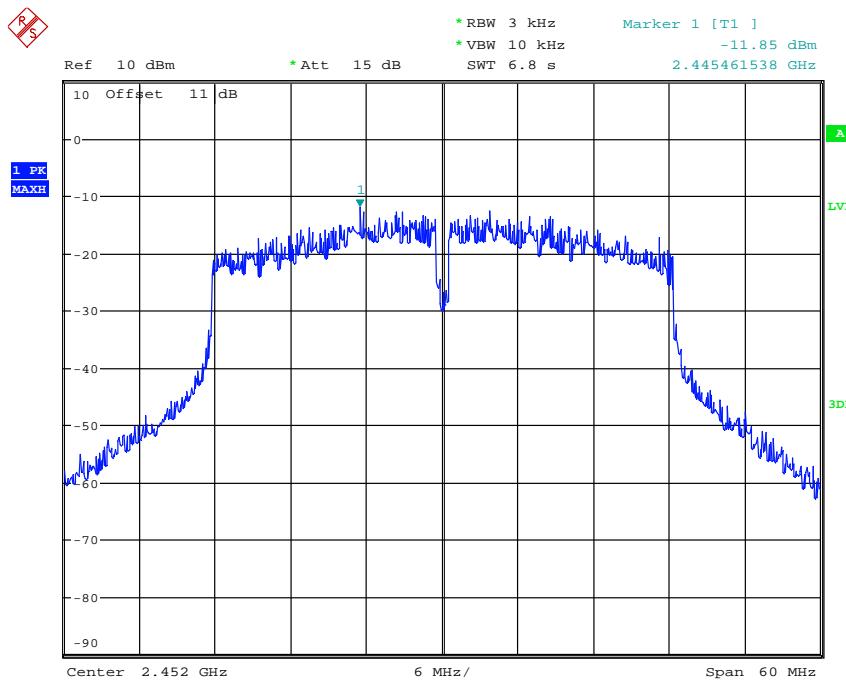


POWER DENSITY 802.11N 40MHZ CH01
Date: 28.JAN.2015 10:44:04



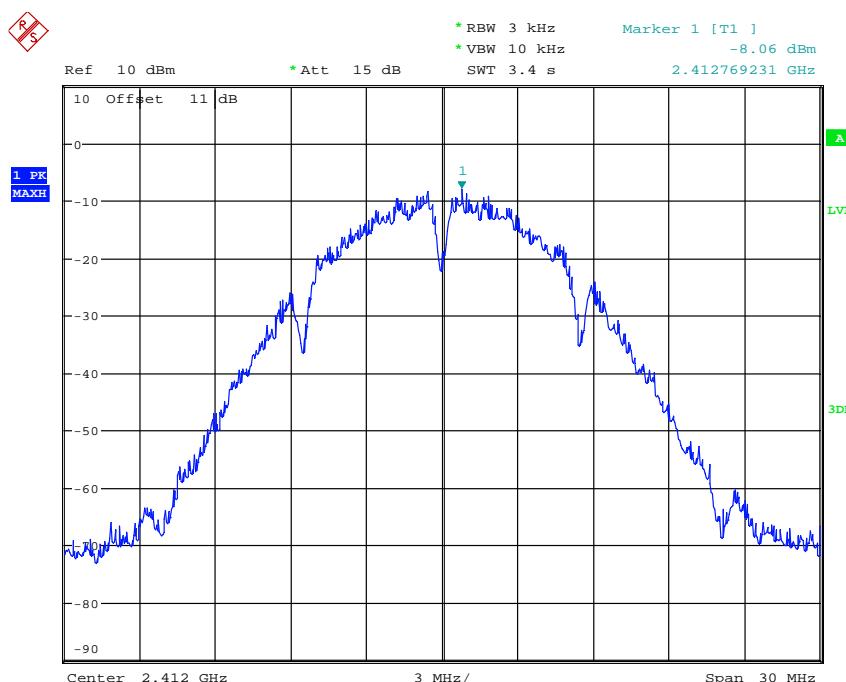
POWER DENSITY 802.11N 40MHZ CH04
Date: 28.JAN.2015 10:45:12

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



POWER DENSITY 802.11N 40MHZ CH07
Date: 28.JAN.2015 10:42:17

ANT1

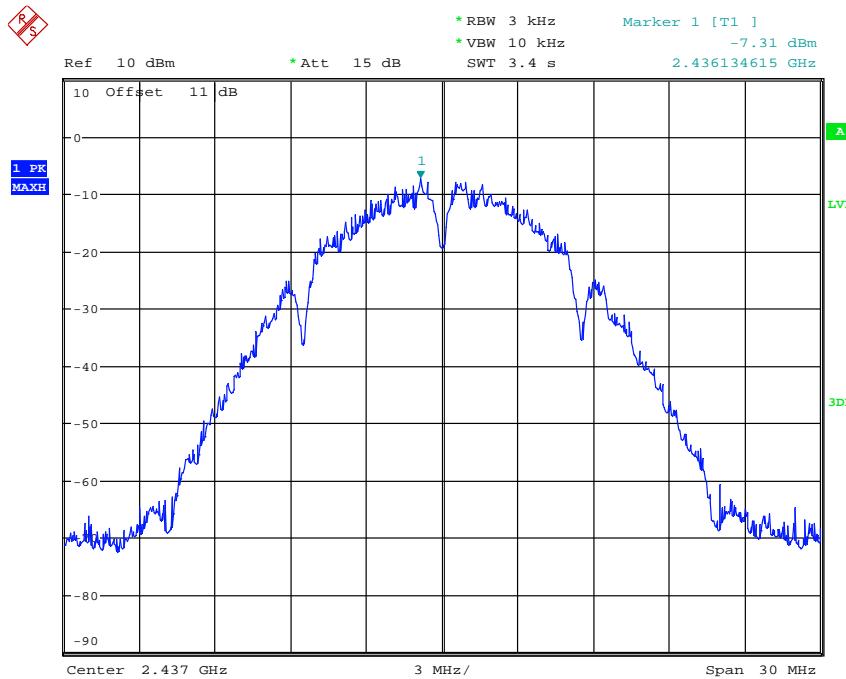


POWER DENSITY 802.11B CH01
Date: 4.FEB.2015 21:15:43

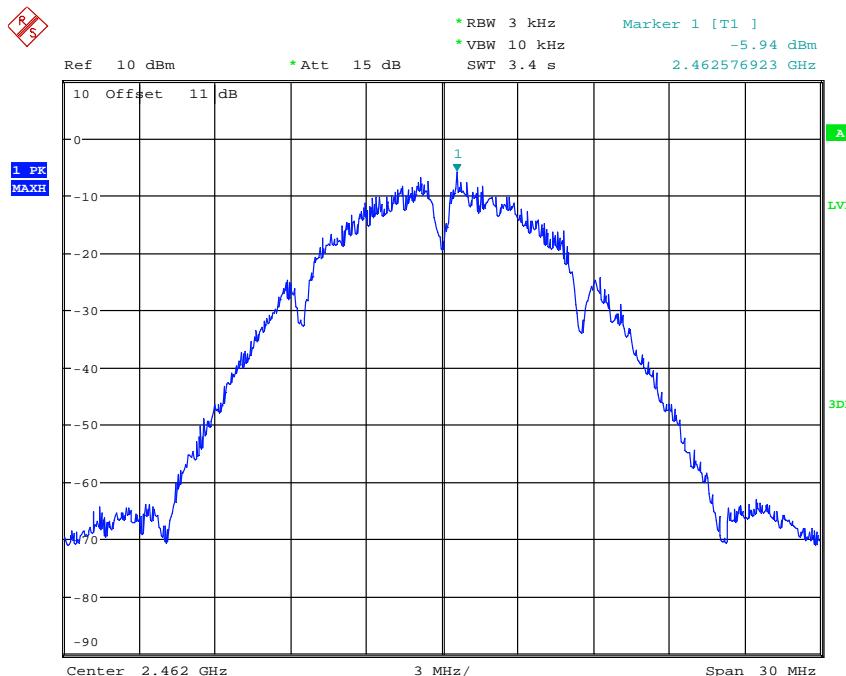


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



POWER DENSITY 802.11B CH06
Date: 4.FEB.2015 21:19:31

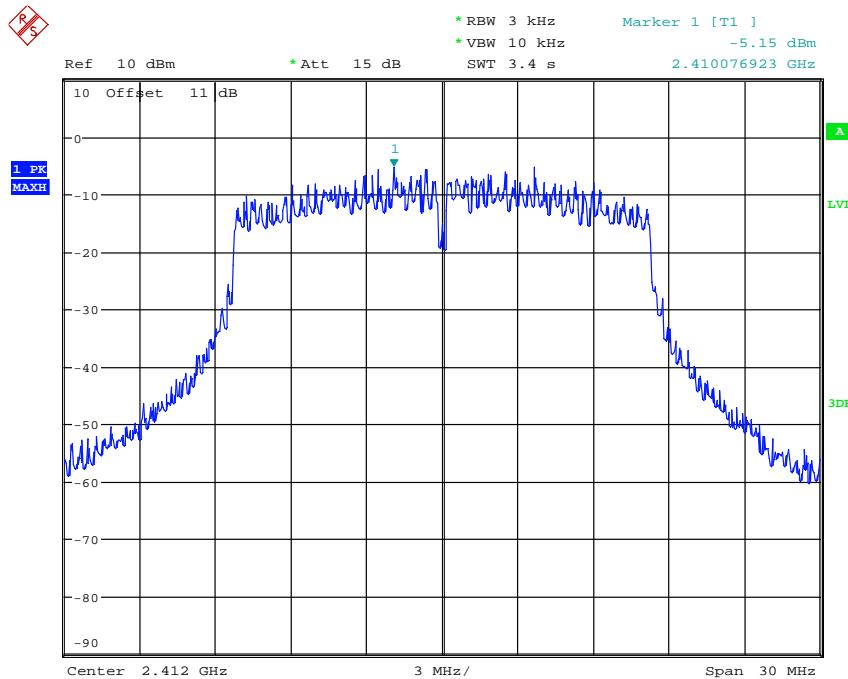


POWER DENSITY 802.11B CH11
Date: 4.FEB.2015 21:21:13

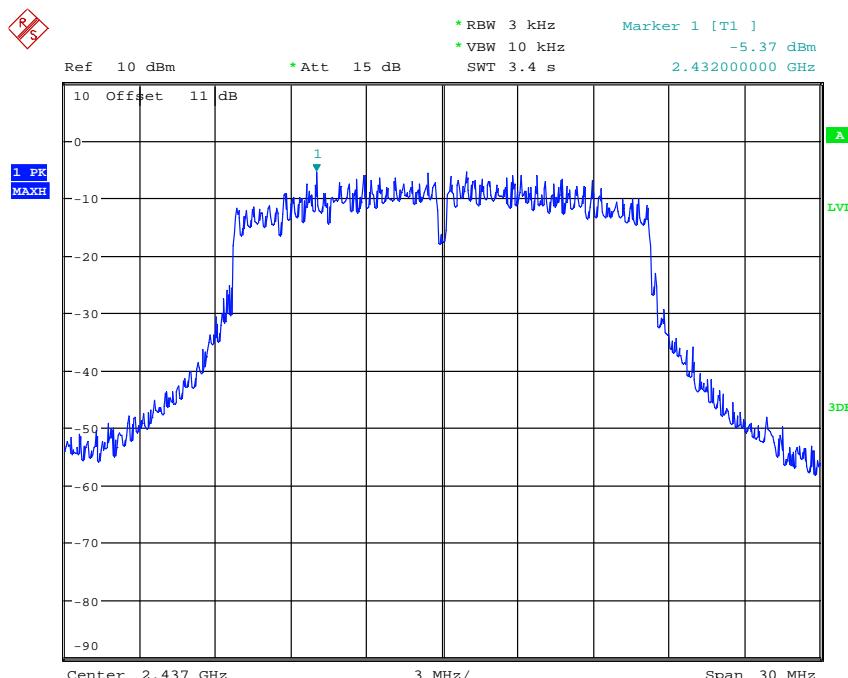


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



POWER DENSITY 802.11G CH01
Date: 28.JAN.2015 15:00:54

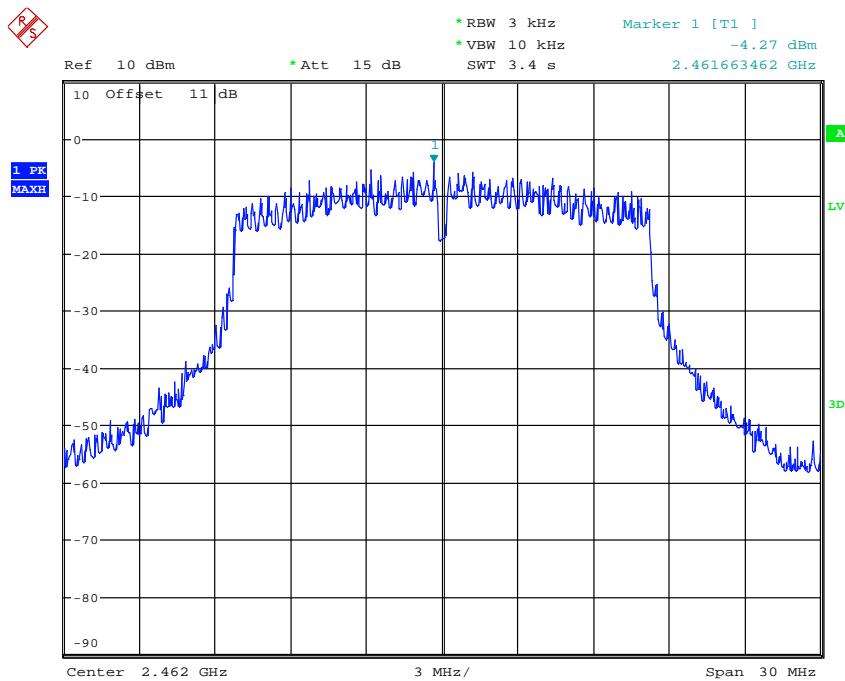


POWER DENSITY 802.11G CH06
Date: 28.JAN.2015 15:03:12

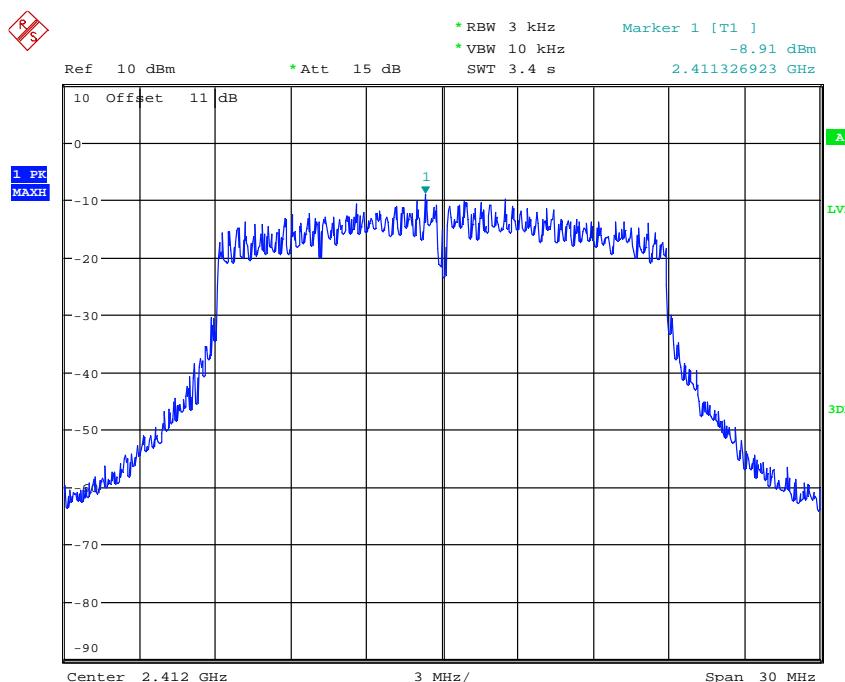


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



POWER DENSITY 802.11G CH11
Date: 28.JAN.2015 15:09:19

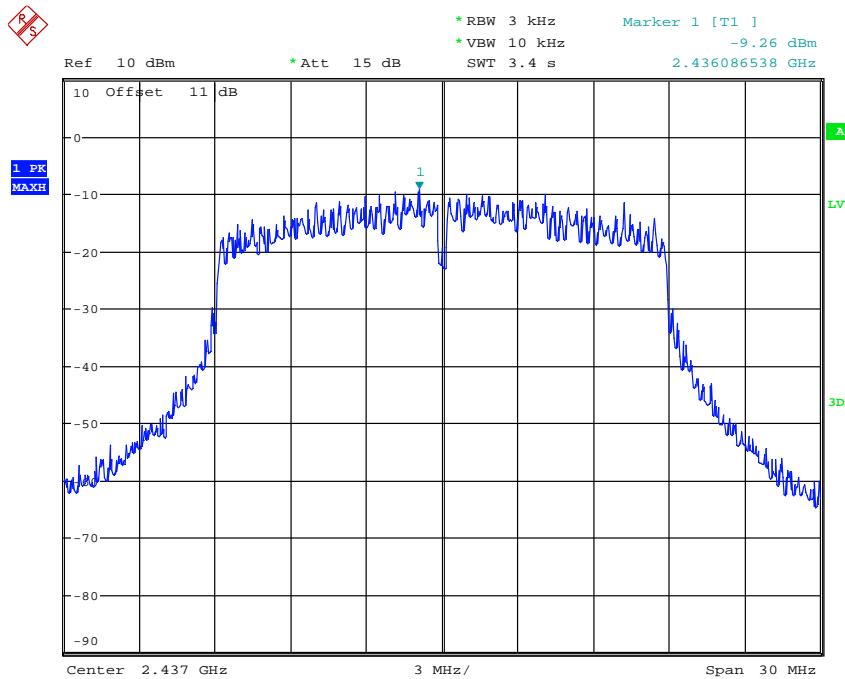


POWER DENSITY 802.11N 20MHZ CH01
Date: 28.JAN.2015 15:29:41

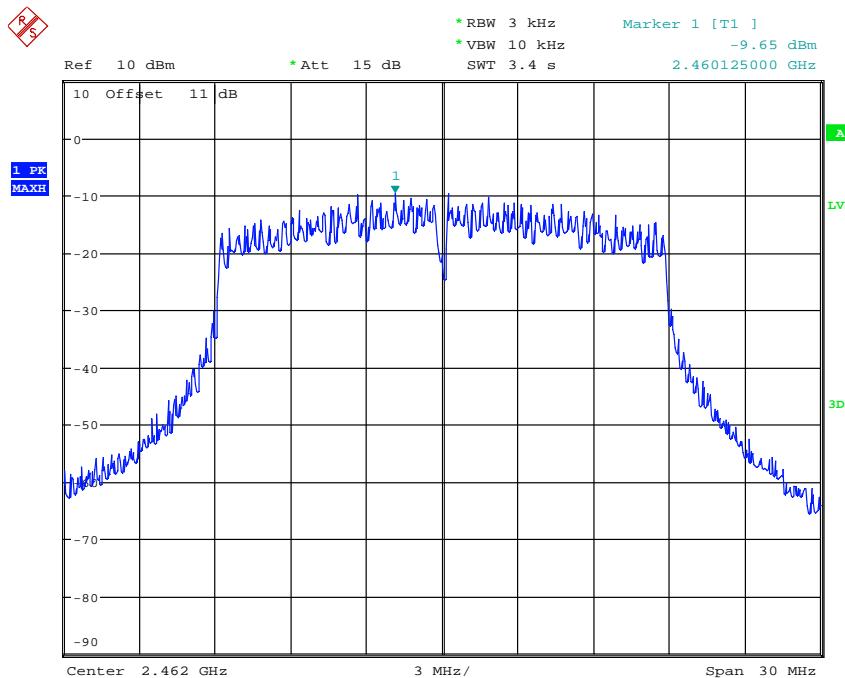


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



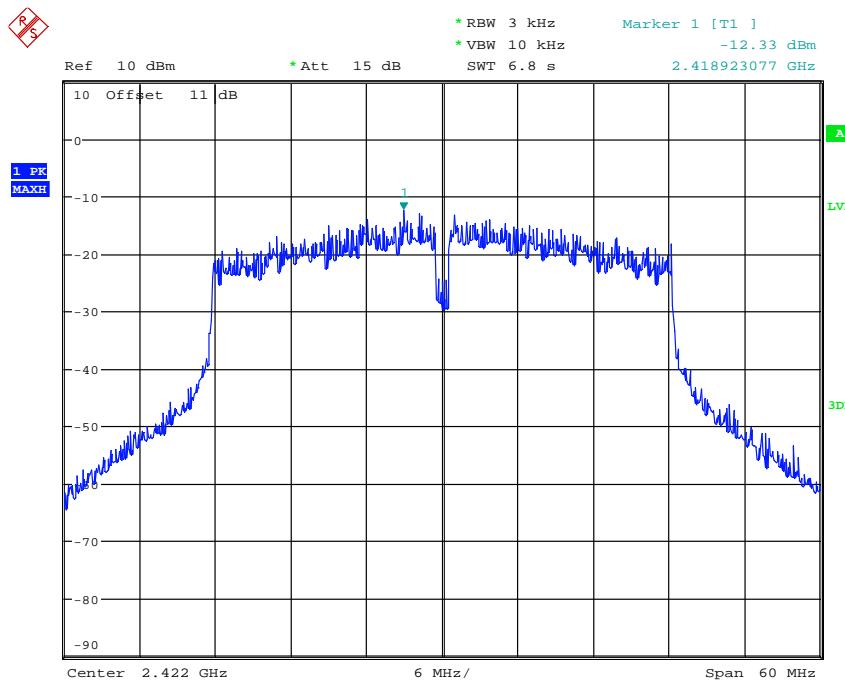
POWER DENSITY 802.11N 20MHZ CH06
Date: 28.JAN.2015 15:30:24



POWER DENSITY 802.11N 20MHZ CH11
Date: 28.JAN.2015 15:31:01

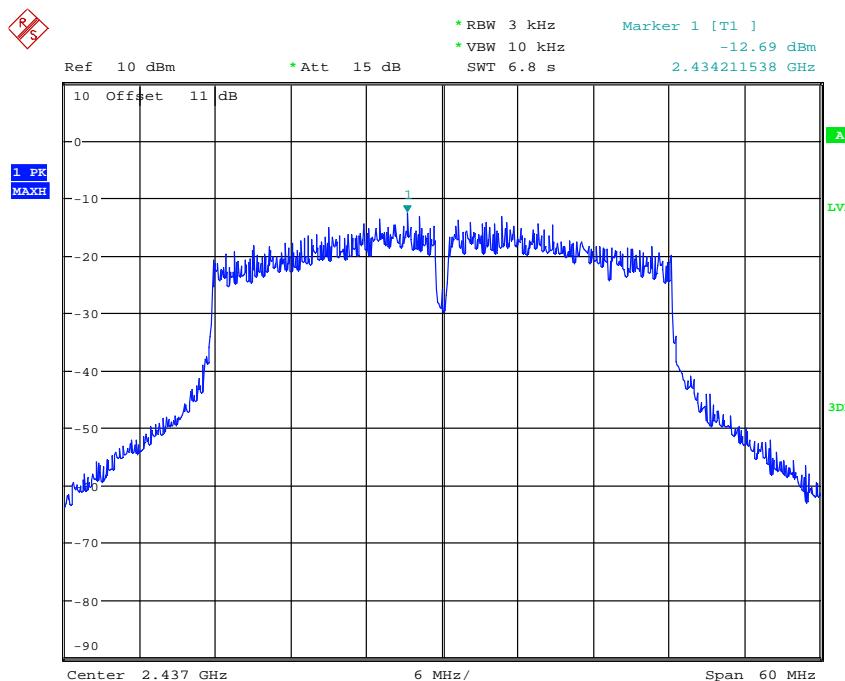
Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A



POWER DENSITY 802.11N 40MHZ CH01

Date: 28.JAN.2015 15:34:04



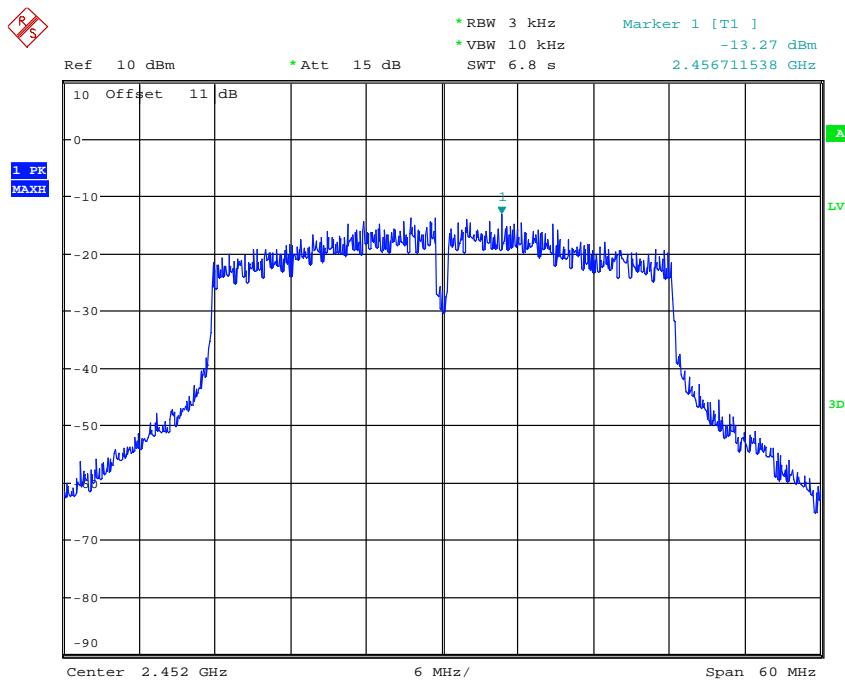
POWER DENSITY 802.11N 40MHZ CH04

Date: 28.JAN.2015 15:35:01



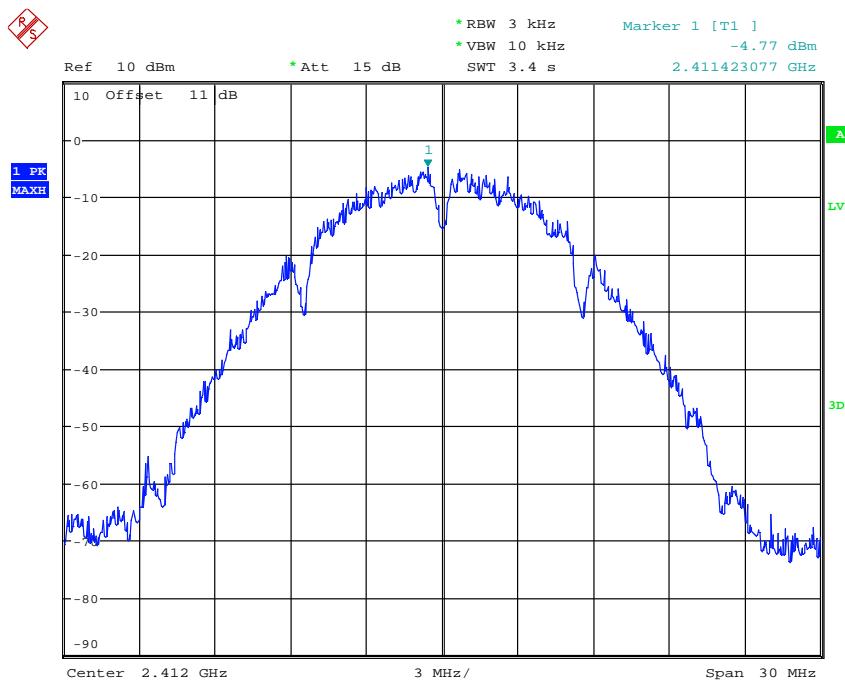
Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



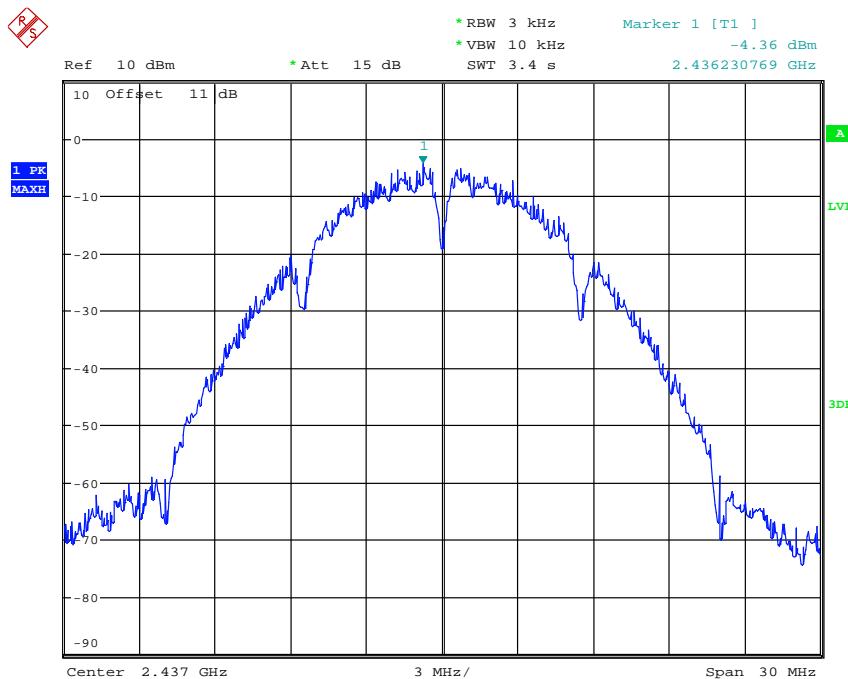
POWER DENSITY 802.11N 40MHZ CH07
Date: 28.JAN.2015 15:35:47

ANT2

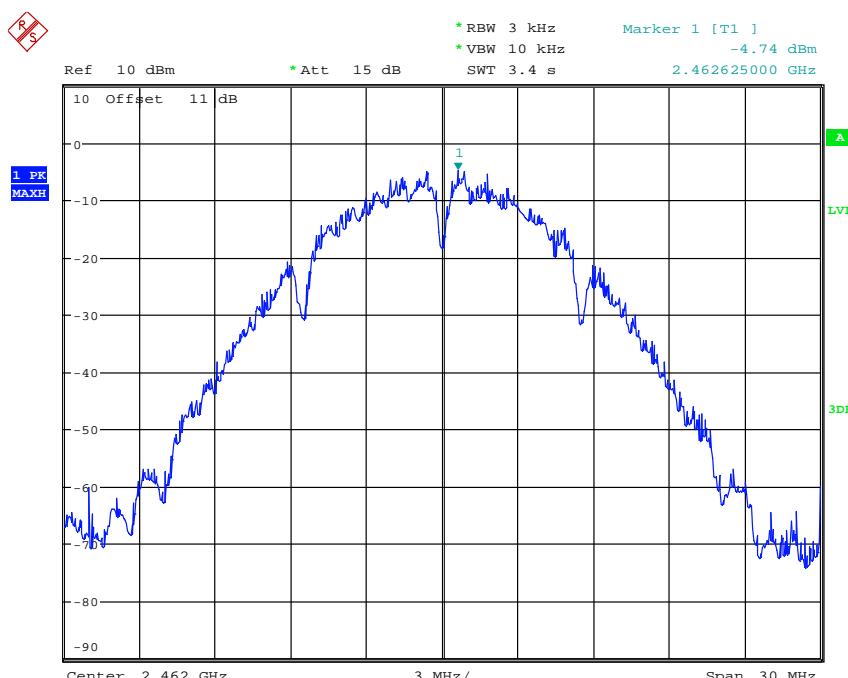


POWER DENSITY 802.11B CH01
Date: 28.JAN.2015 15:56:52

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

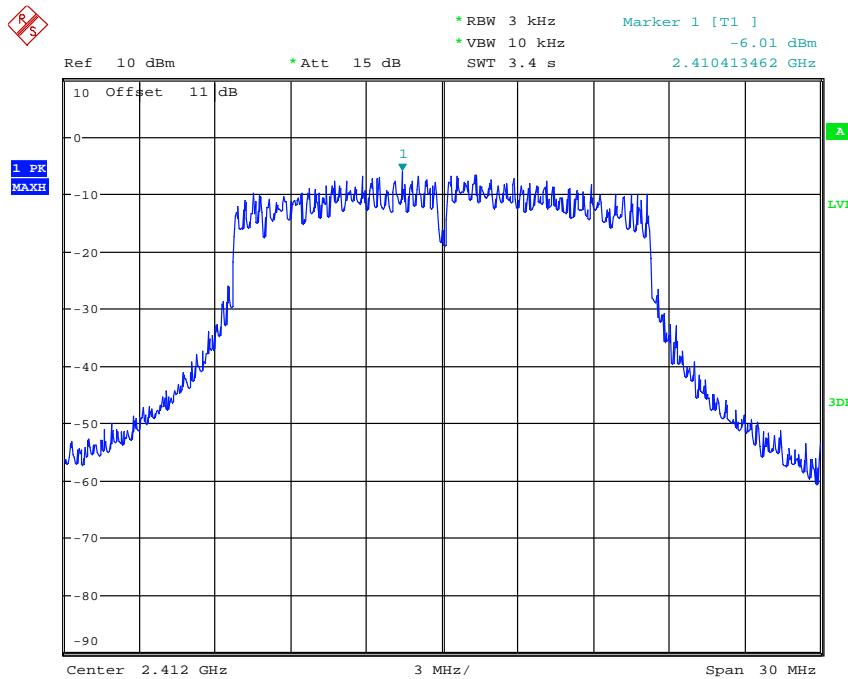


POWER DENSITY 802.11B CH06
Date: 28.JAN.2015 15:57:49

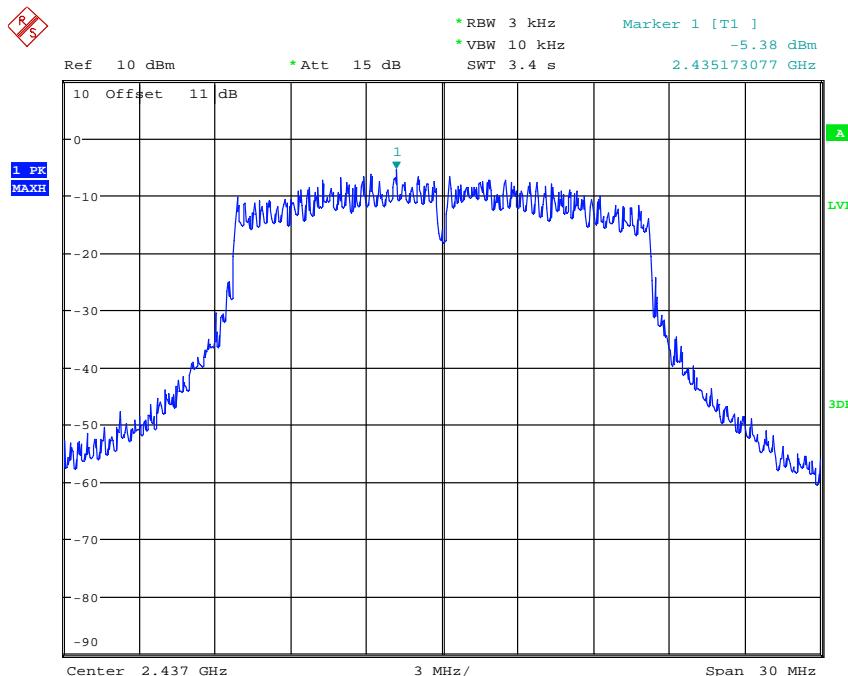


POWER DENSITY 802.11B CH11
Date: 28.JAN.2015 15:58:26

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



POWER DENSITY 802.11G CH01
Date: 28.JAN.2015 13:45:20

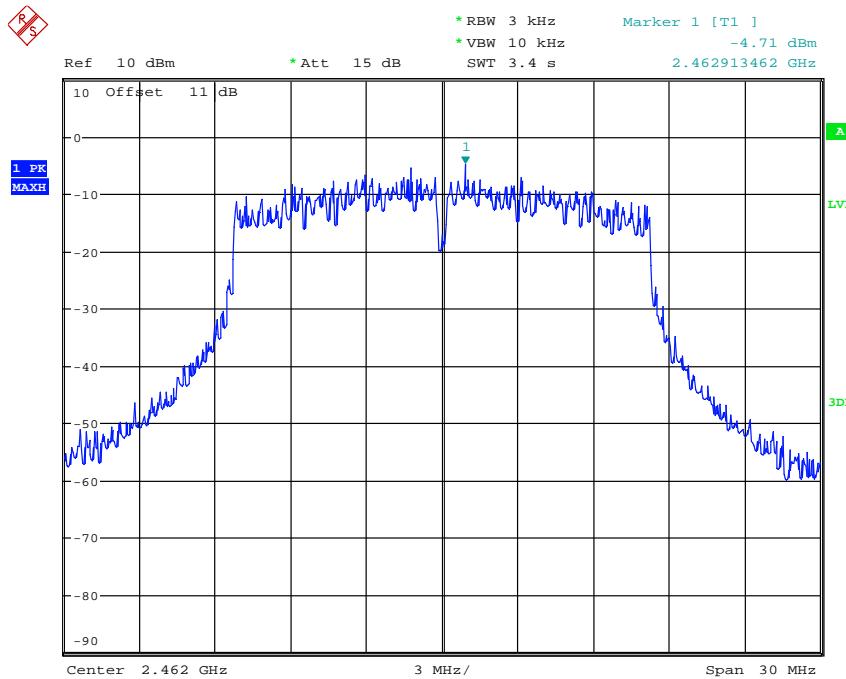


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Date: 28.JAN.2015 13:46:07

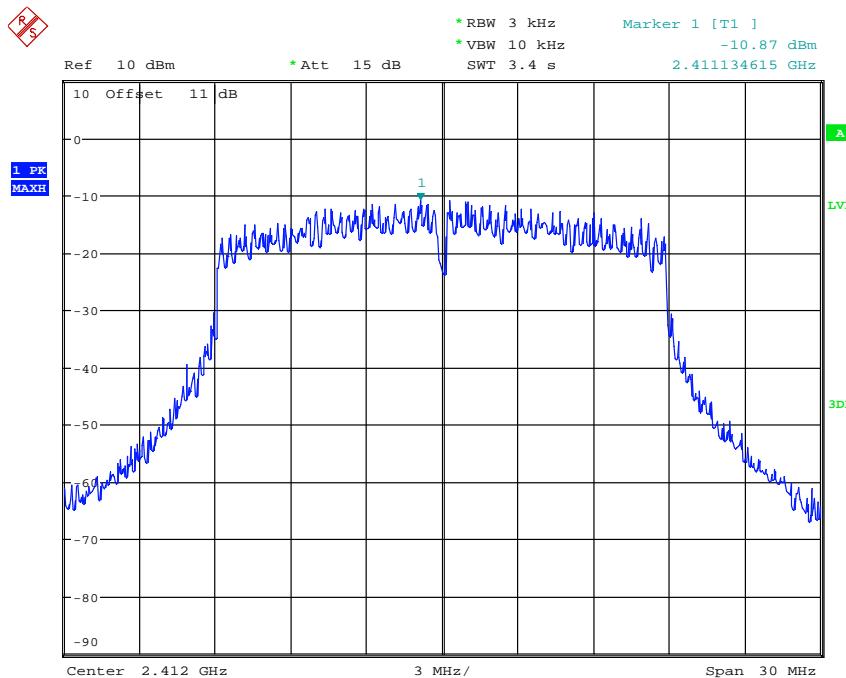


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



POWER DENSITY 802.11G CH11
Date: 28.JAN.2015 13:41:20

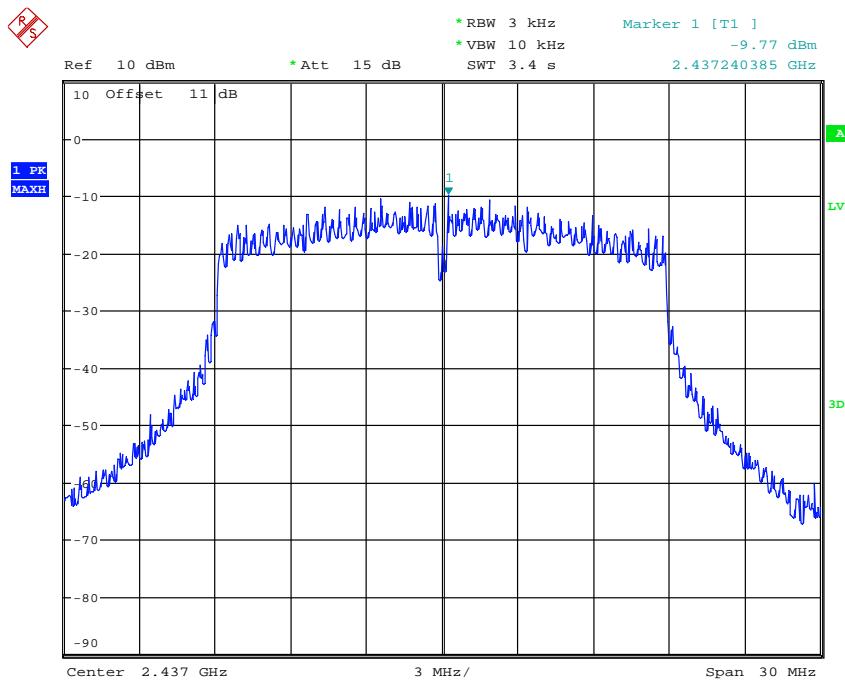


POWER DENSITY 802.11N 20MHZ CH01
Date: 28.JAN.2015 13:49:03

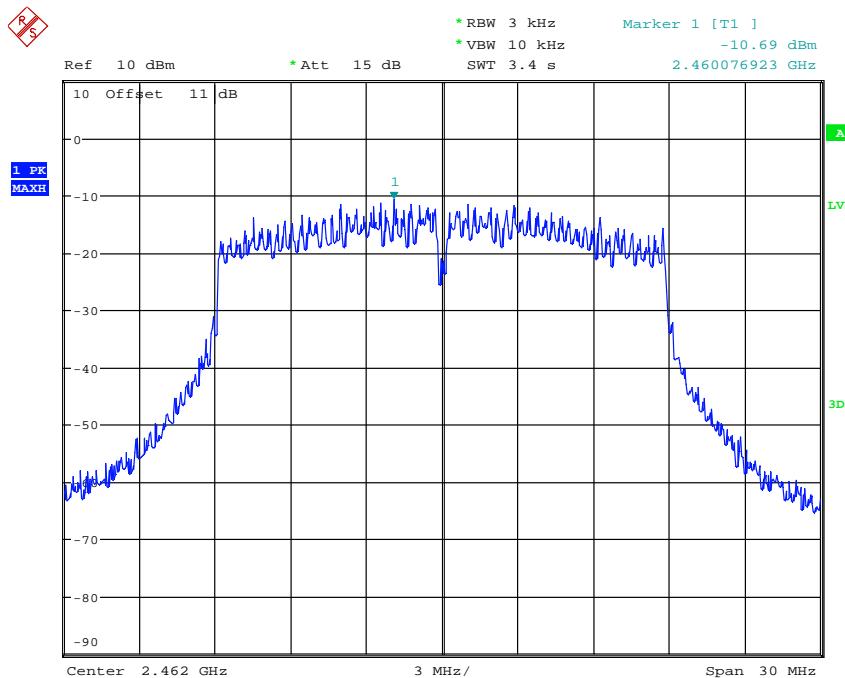


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

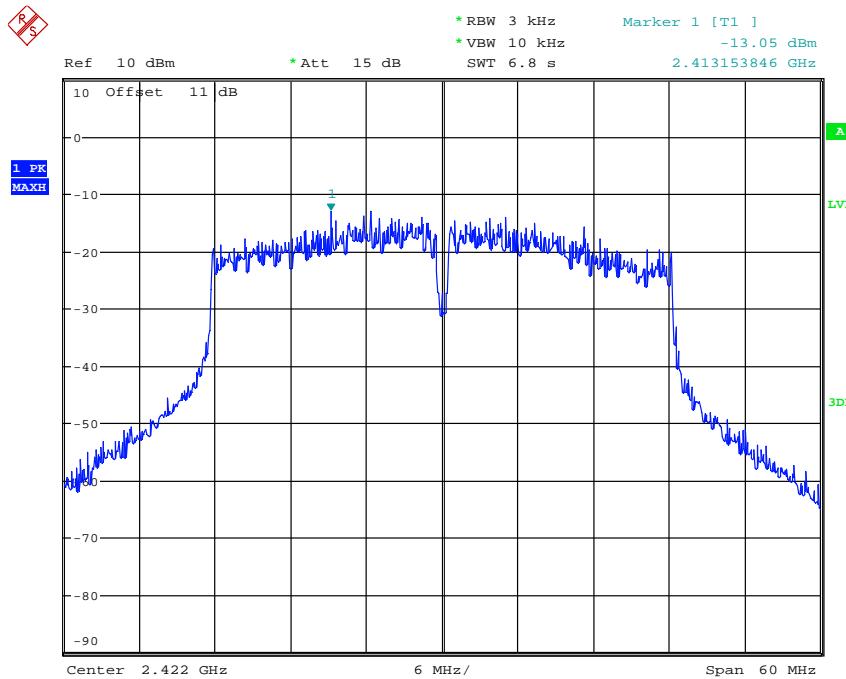


POWER DENSITY 802.11N 20MHZ CH06
Date: 28.JAN.2015 13:50:17

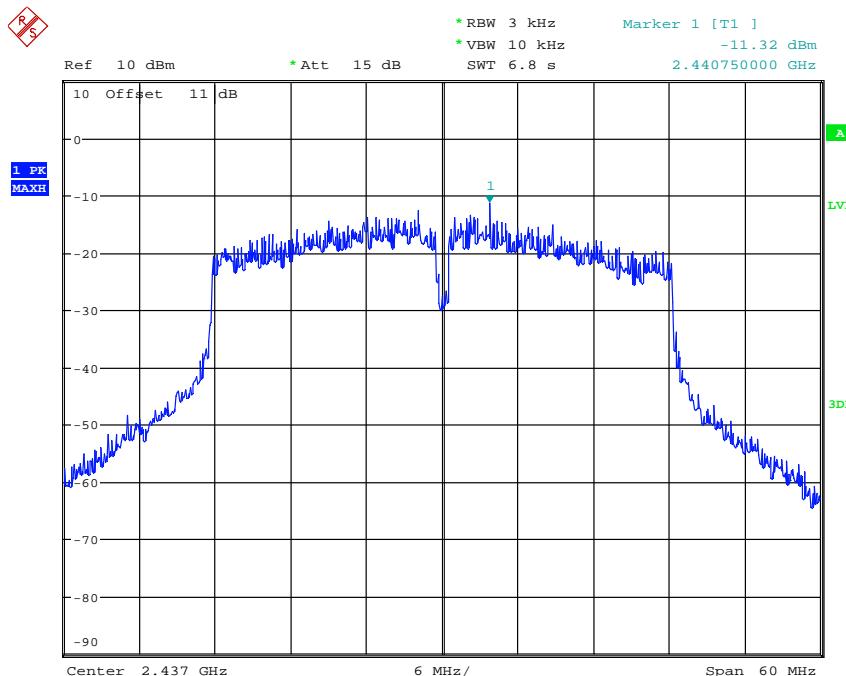


POWER DENSITY 802.11N 20MHZ CH11
Date: 28.JAN.2015 14:01:48

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

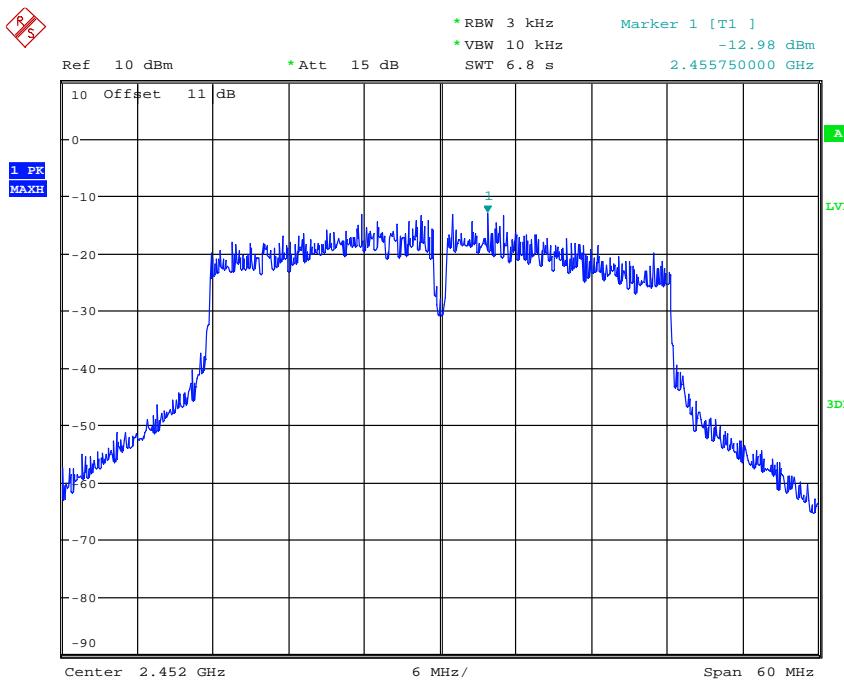


POWER DENSITY 802.11N 40MHZ CH01
Date: 28.JAN.2015 14:04:24



POWER DENSITY 802.11N 40MHZ CH04
Date: 28.JAN.2015 14:05:47

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A



POWER DENSITY 802.11N 40MHZ CH07
Date: 28.JAN.2015 14:07:03

ANT0	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.10	0.13	0.13	-9.81	-9.00	-8.93
802.11n 40MHz	0.07	0.08	0.07	-11.35	-10.99	-11.85
ANT1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.13	0.12	0.11	-8.91	-9.26	-9.65
802.11n 40MHz	0.06	0.05	0.05	-12.33	-12.69	-13.27
ANT2	Mw			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.08	0.11	0.09	-10.87	-9.77	-10.69
802.11n 40MHz	0.05	0.07	0.05	-13.05	-11.32	-12.98
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	0.31	0.36	0.33	-5.09	-4.44	-4.81
802.11n 40MHz	0.18	0.20	0.17	-7.45	-6.99	-7.70



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

Limits:

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

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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A

3.9 Radiated Emission from Digital Part

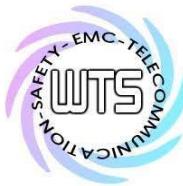
FCC Rule: 15.109

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.: W6M21411-14659-P-15B.



Worldwide Testing Services(Taiwan) Co., Ltd.

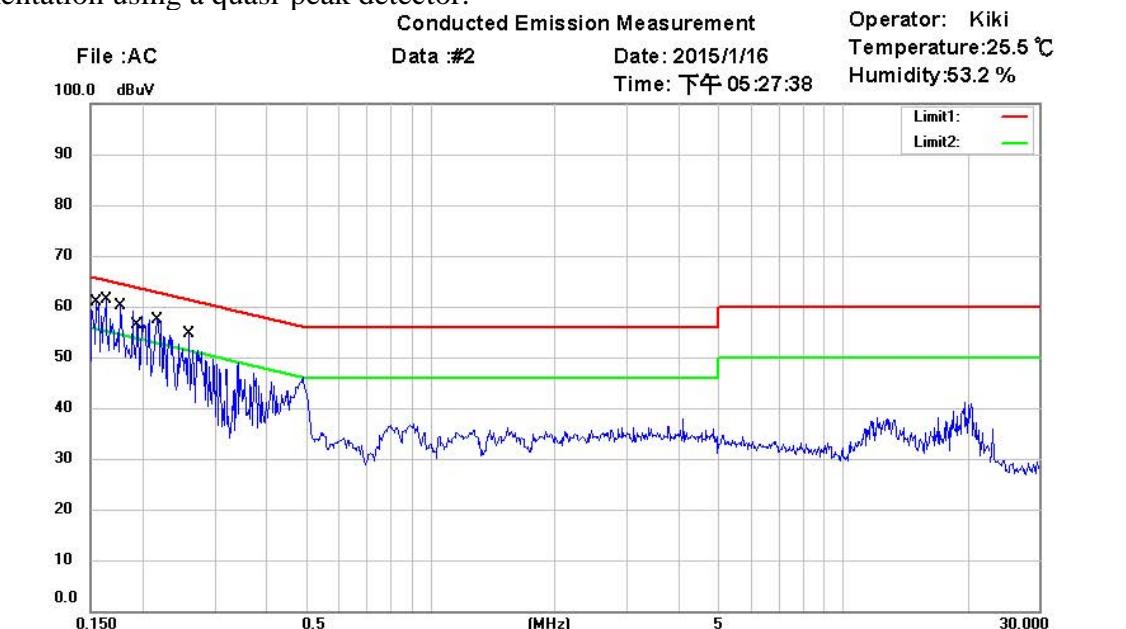
Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A

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.

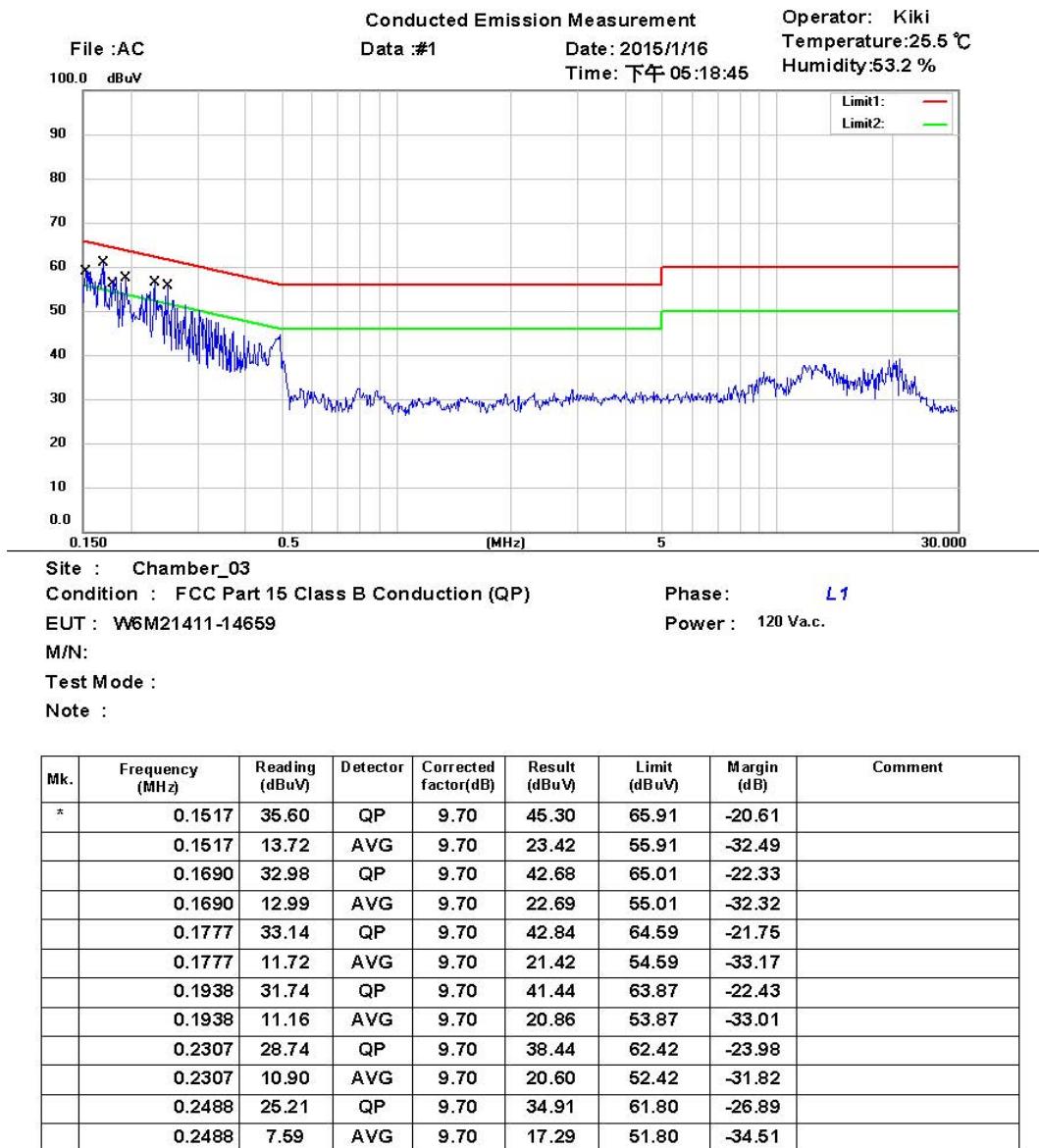


Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
*	0.1556	34.44	QP	9.76	44.20	65.70	-21.50	
	0.1556	14.95	AVG	9.76	24.71	55.70	-30.99	
	0.1627	32.54	QP	9.76	42.30	65.32	-23.02	
	0.1627	15.02	AVG	9.76	24.78	55.32	-30.54	
	0.1760	30.69	QP	9.76	40.45	64.67	-24.22	
	0.1760	13.33	AVG	9.76	23.09	54.67	-31.58	
	0.1917	29.89	QP	9.76	39.65	63.96	-24.31	
	0.1917	14.68	AVG	9.76	24.44	53.96	-29.52	
	0.2145	28.12	QP	9.76	37.88	63.03	-25.15	
	0.2145	15.72	AVG	9.76	25.48	53.03	-27.55	
	0.2556	25.66	QP	9.76	35.42	61.57	-26.15	
	0.2556	14.68	AVG	9.76	24.44	51.57	-27.13	



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

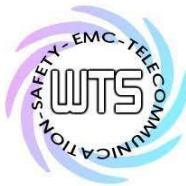


- Note:
1. The formula of measured value as: Test Result = Reading + Correction Factor
 2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss
 3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
 4. All not in the table noted test results are more than 20 dB below the relevant limits.
 5. Measurement uncertainty = ± 1.41 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



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

Appendix

Measurement diagrams

Spurious Emissions radiated



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1
FCC ID: ZTT-REC33A

ANT0



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

Date: 2015/1/25

Temperature:24 °C

80.0 dBuV/m

Time: 下午 12:01:10

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

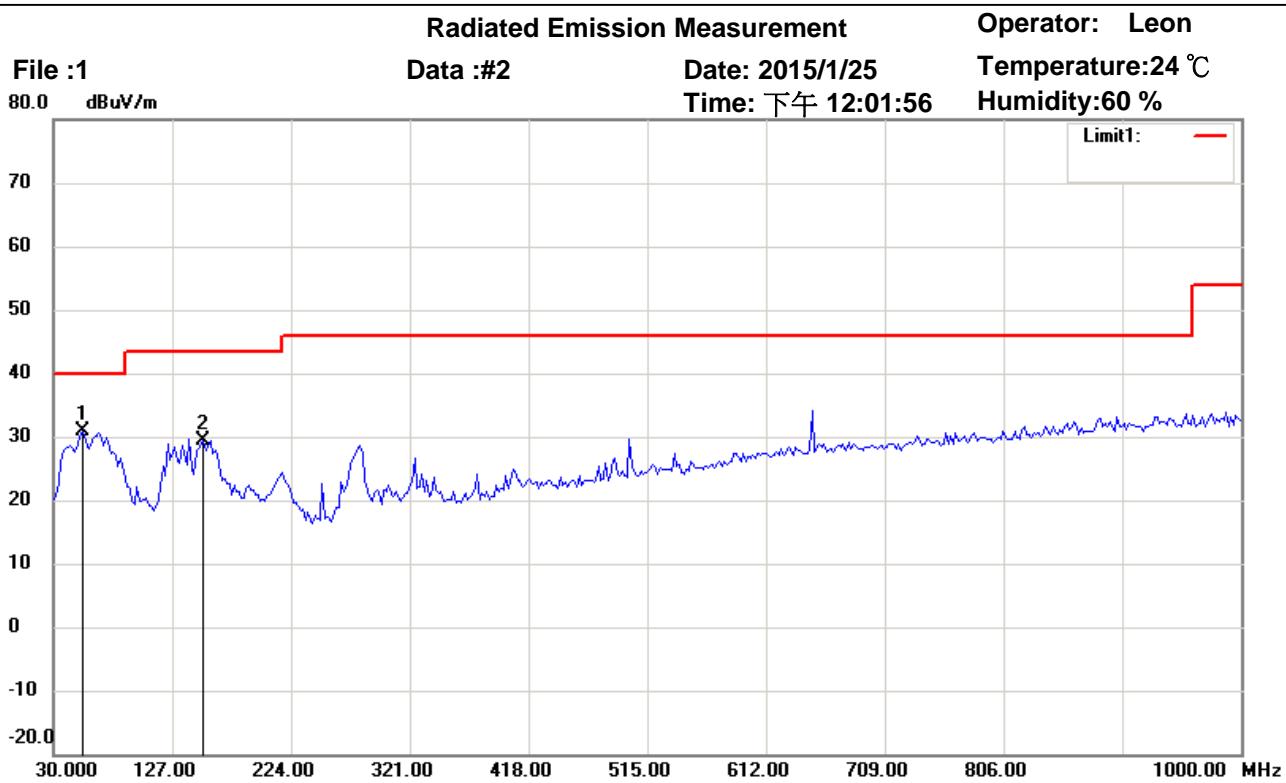
Test Mode : TX 802.11b CH1

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
*	51.3828	8.69	peak	14.41	23.10	40.00	100	175	-16.90	
	325.4708	10.84	peak	16.73	27.57	46.00	100	130	-18.43	



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



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

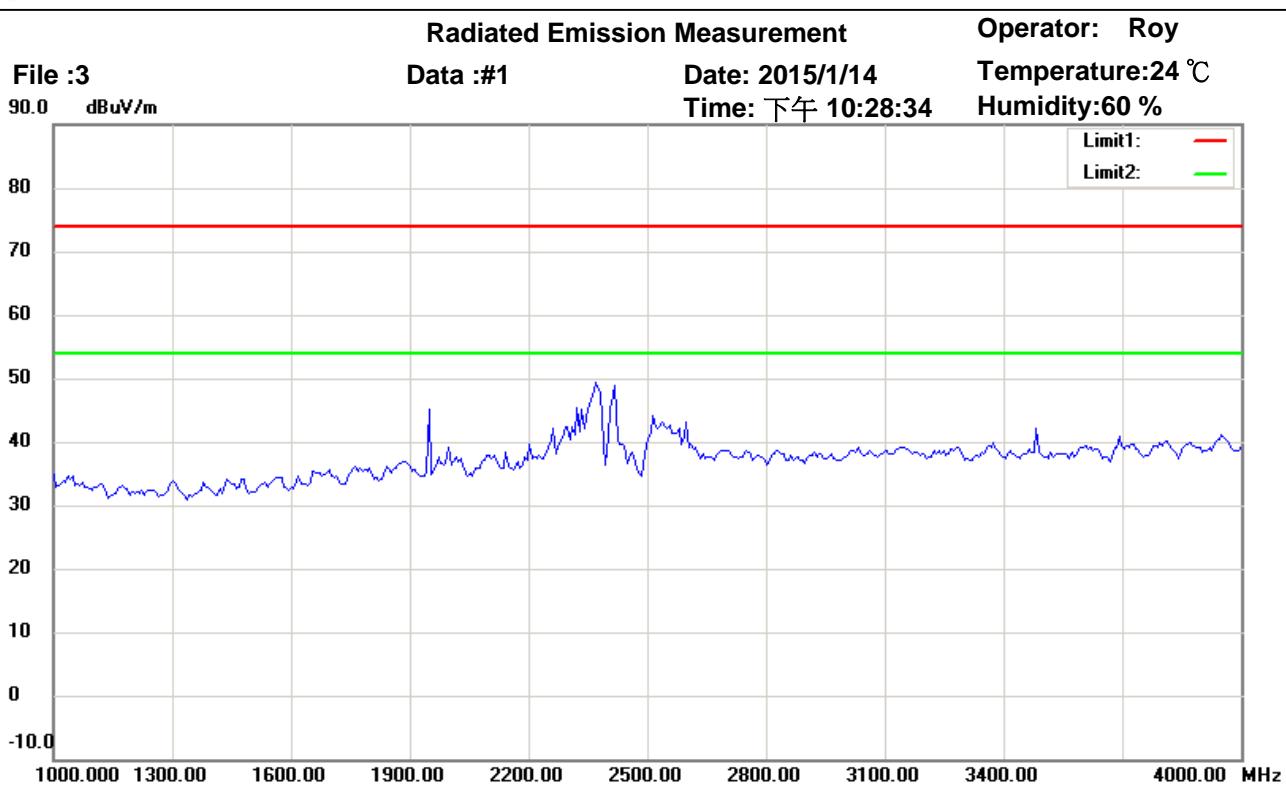
Test Mode : TX 802.11b CH1

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
*	53.3267	16.75	peak	14.12	30.87	40.00	100	135	-9.13	
	152.4648	13.95	peak	15.50	29.45	43.50	100	60	-14.05	



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



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

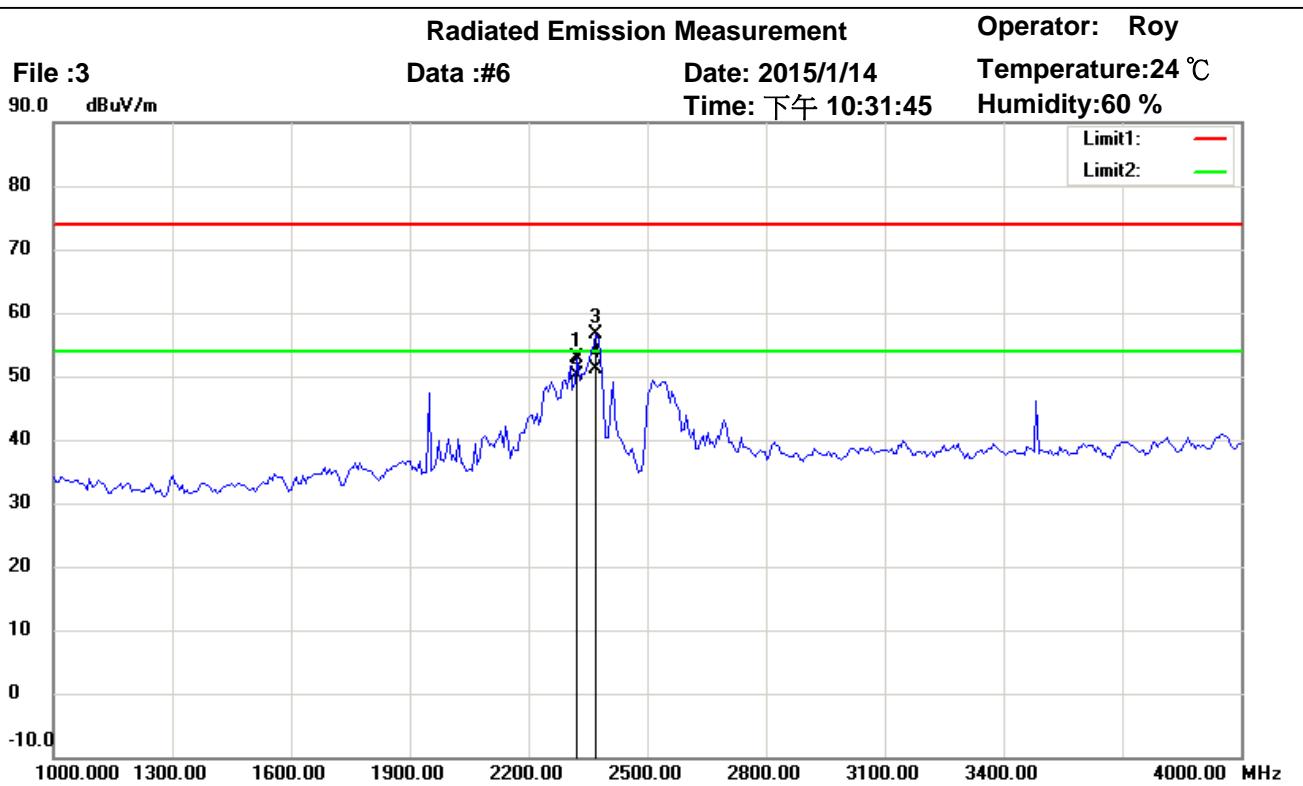
Test Mode : TX 802.11b CH1

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



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



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

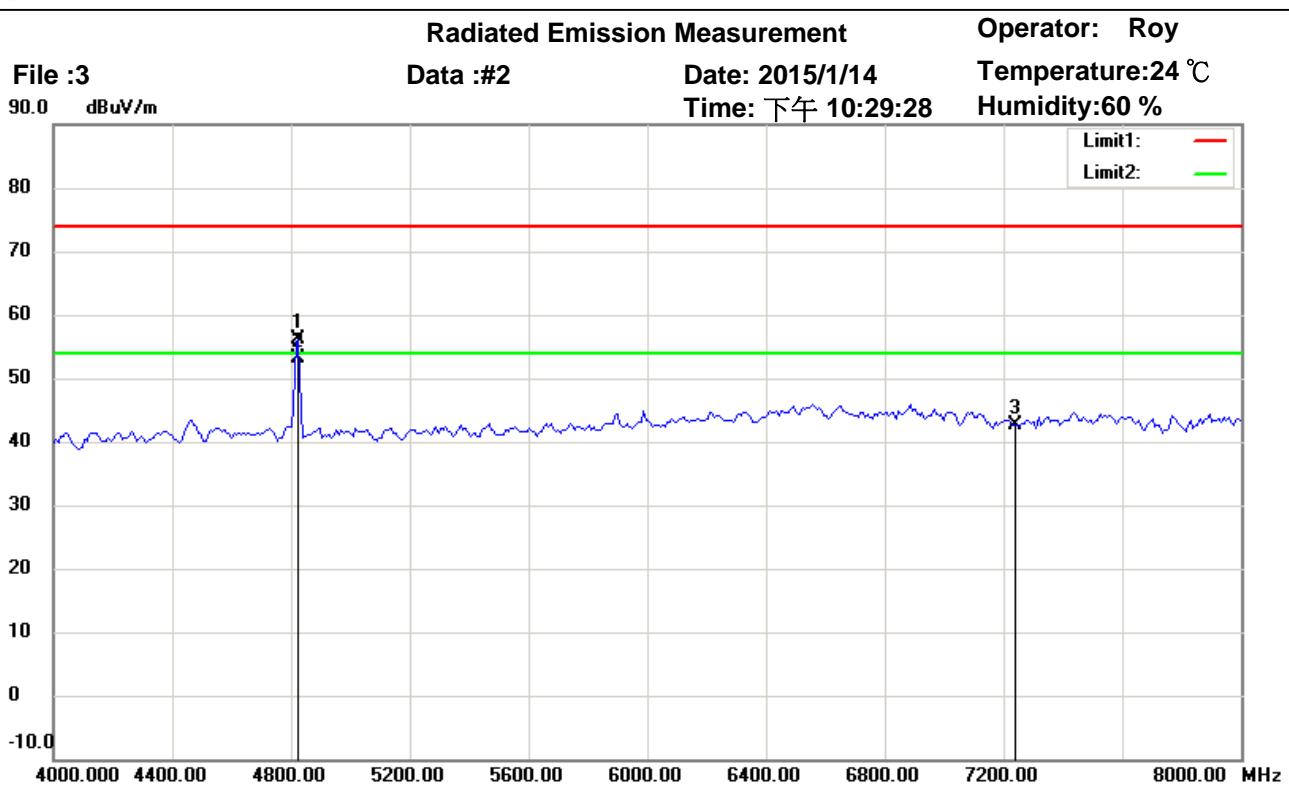
Test Mode : TX 802.11b CH1

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
	2322.645	57.95	peak	-5.07	52.88	74.00	100	240	-21.12	
	2322.645	55.14	AVG	-5.07	50.07	54.00	100	240	-3.93	
	2367.413	61.60	peak	-4.86	56.74	74.00	100	275	-17.26	
*	2367.413	56.04	AVG	-4.86	51.18	54.00	100	275	-2.82	



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



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

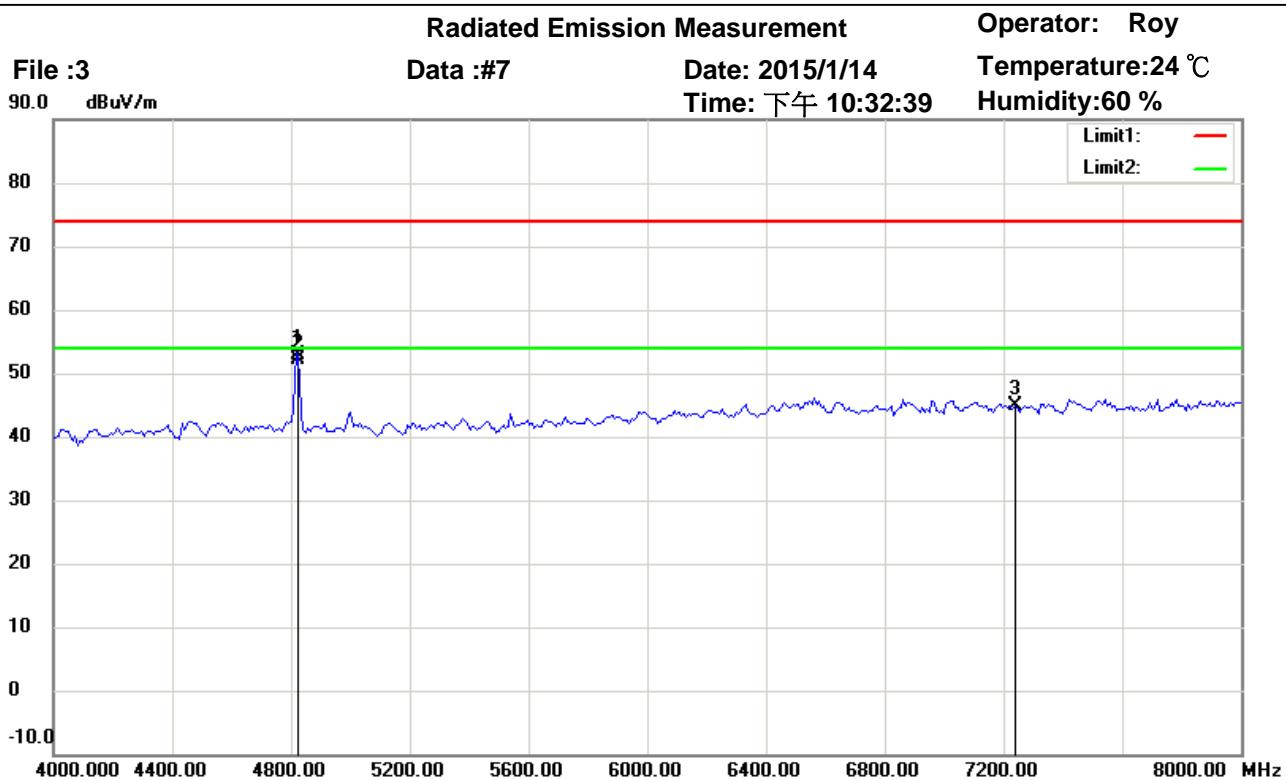
Test Mode : TX 802.11b CH1

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
	4824.096	55.52	peak	0.68	56.20	74.00	100	225	-17.80	
*	4824.096	52.53	AVG	0.68	53.21	54.00	100	225	-0.79	
	7236.000	38.36	peak	4.30	42.66	74.00	100	40	-31.34	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

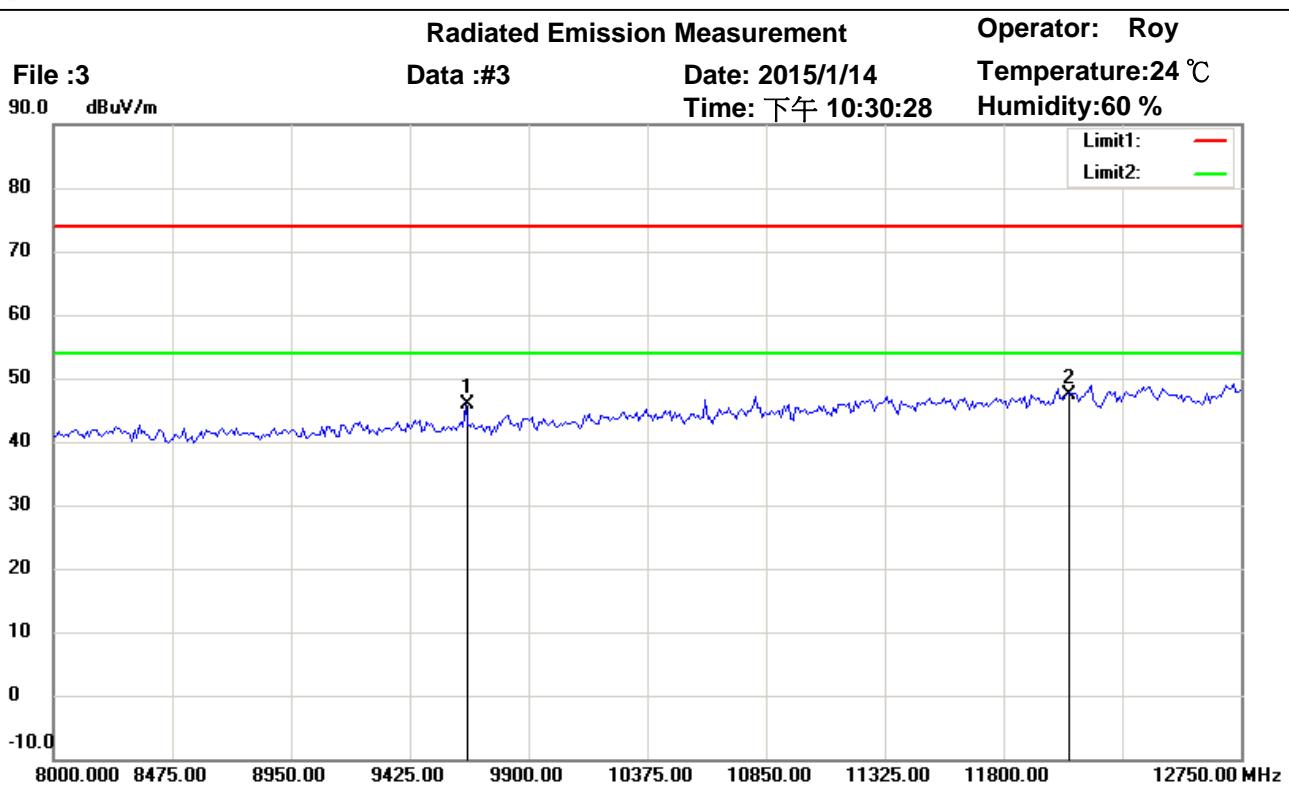
Test Mode : TX 802.11b CH1

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
	4824.080	52.27	peak	0.68	52.95	74.00	100	218	-21.05	
*	4824.080	51.36	AVG	0.68	52.04	54.00	100	218	-1.96	
	7236.000	40.63	peak	4.30	44.93	74.00	100	125	-29.07	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

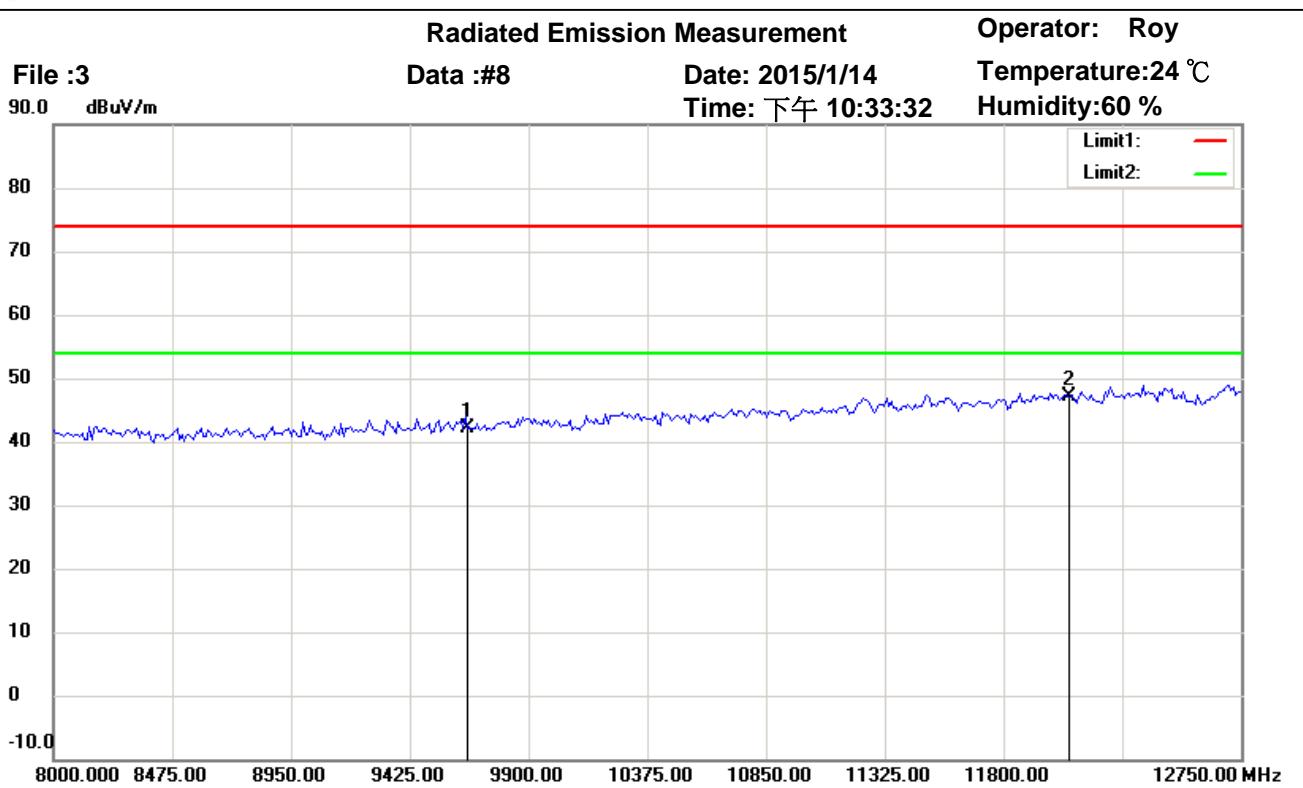
Test Mode : TX 802.11b CH1

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	38.48	peak	7.46	45.94	74.00	100	175	-28.06	
*	12060.000	34.18	peak	13.20	47.38	74.00	100	100	-26.62	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

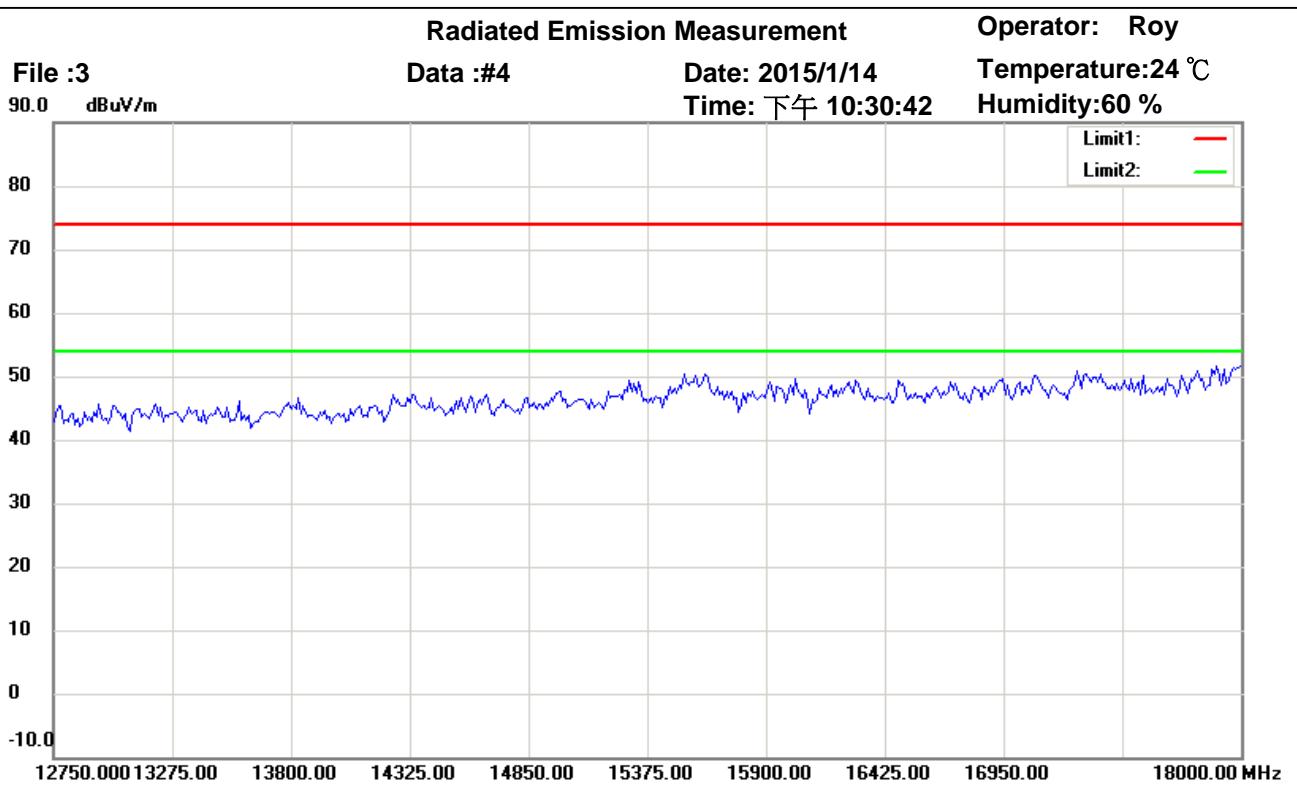
Test Mode : TX 802.11b CH1

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	34.70	peak	7.46	42.16	74.00	100	215	-31.84	
*	12060.000	33.98	peak	13.20	47.18	74.00	100	150	-26.82	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

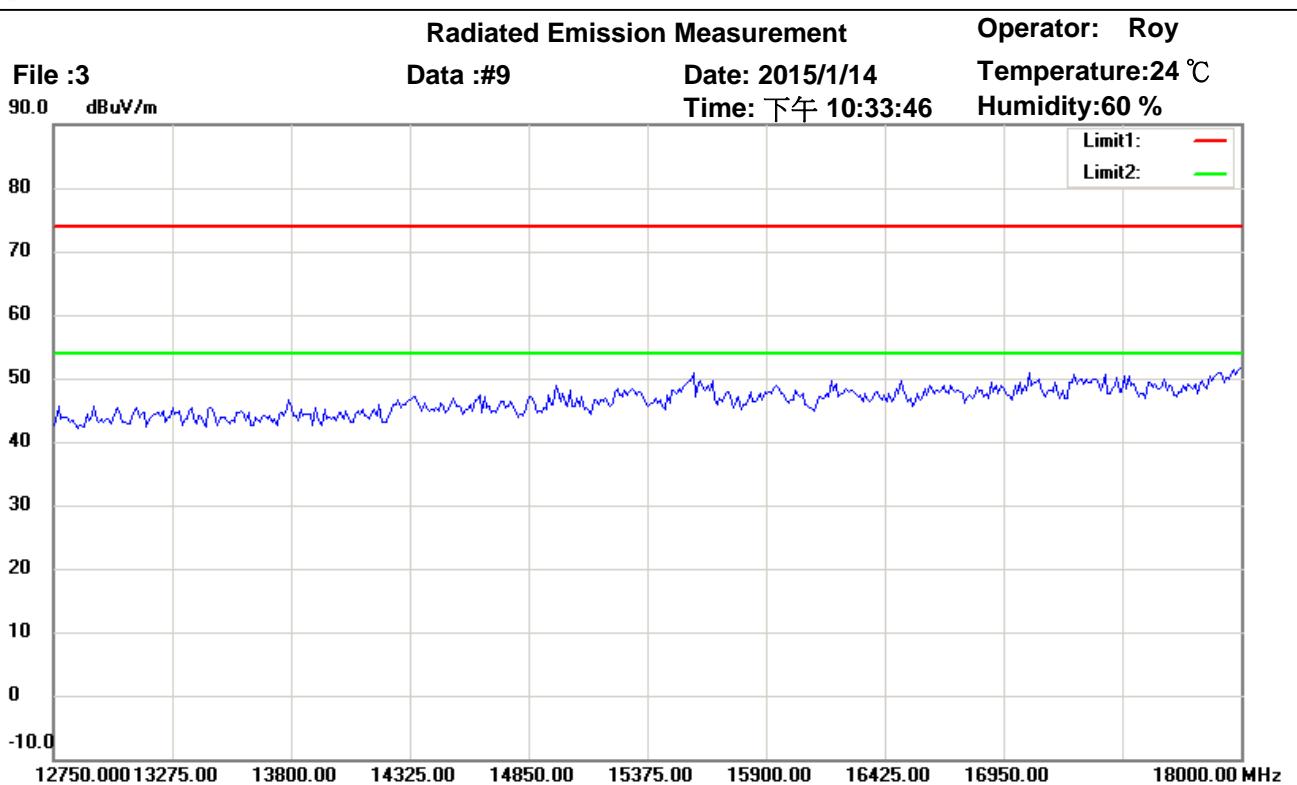
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

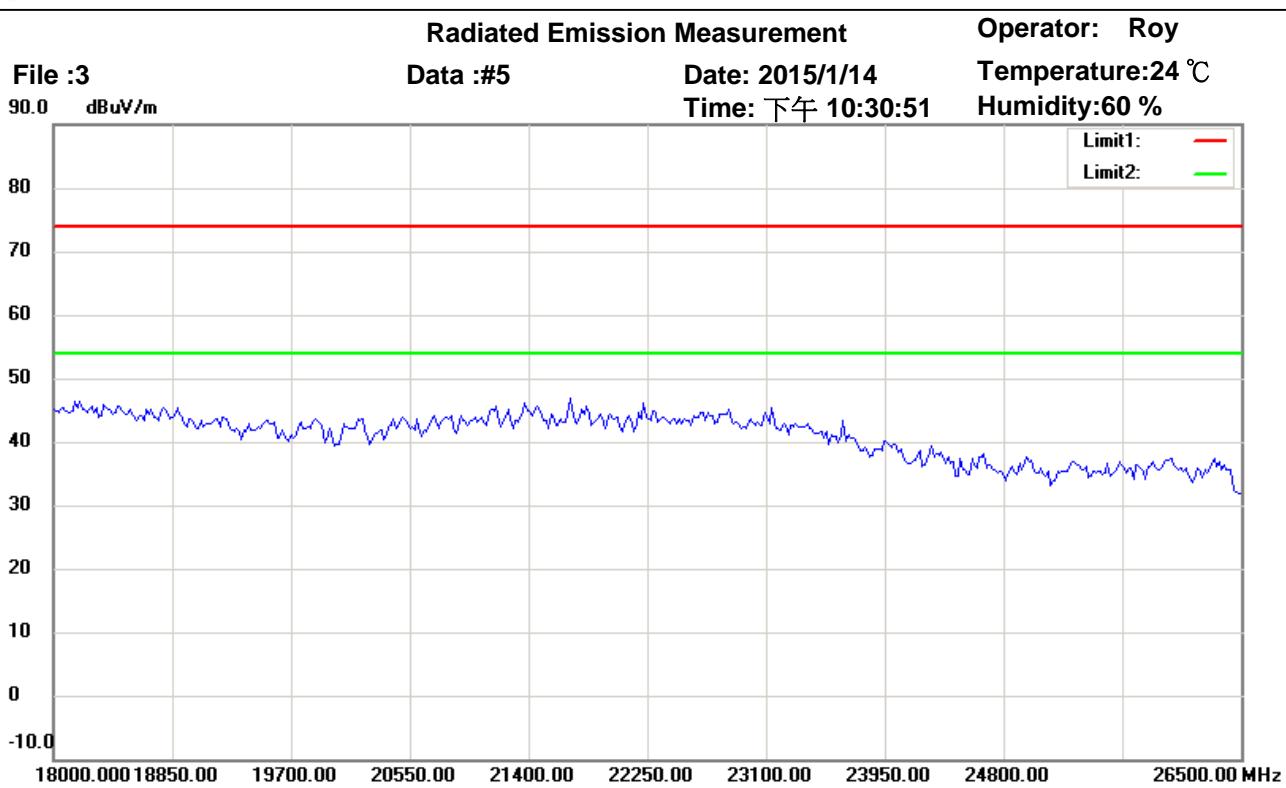
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

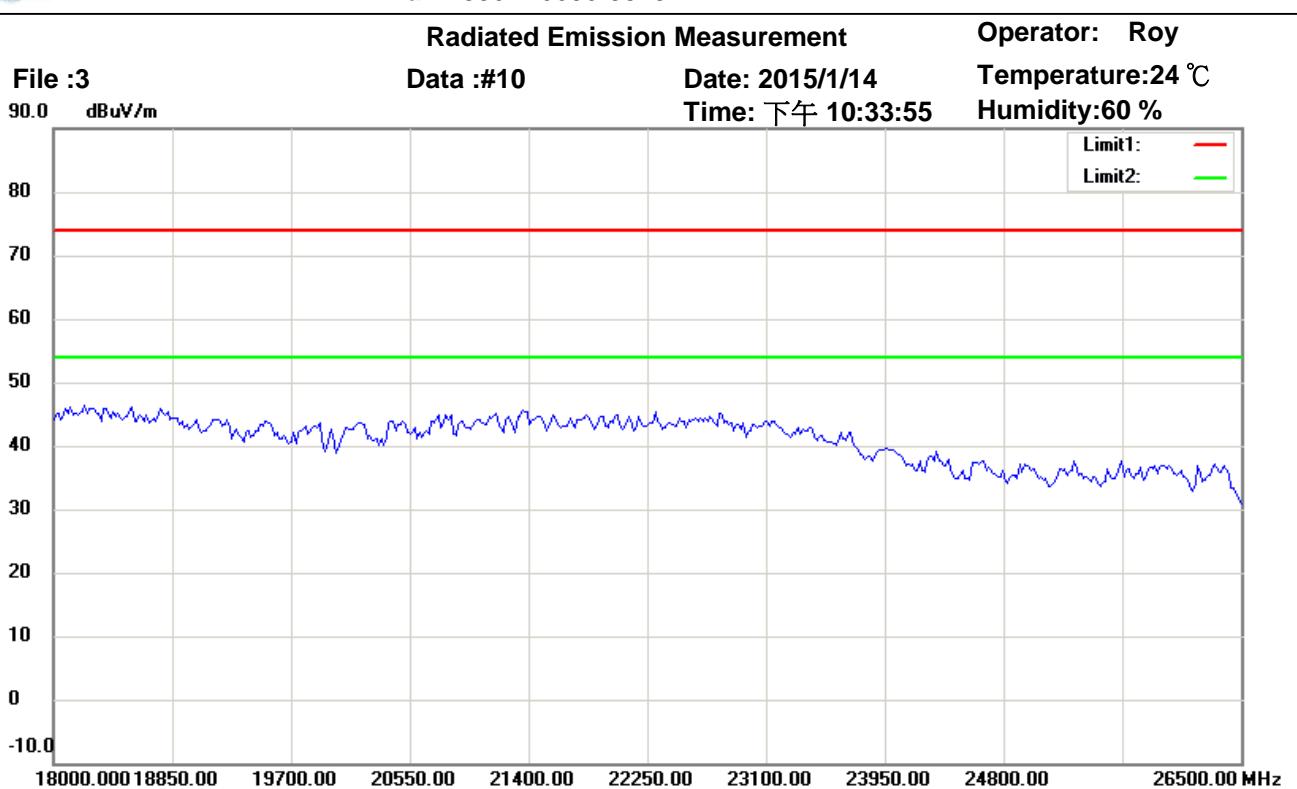
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

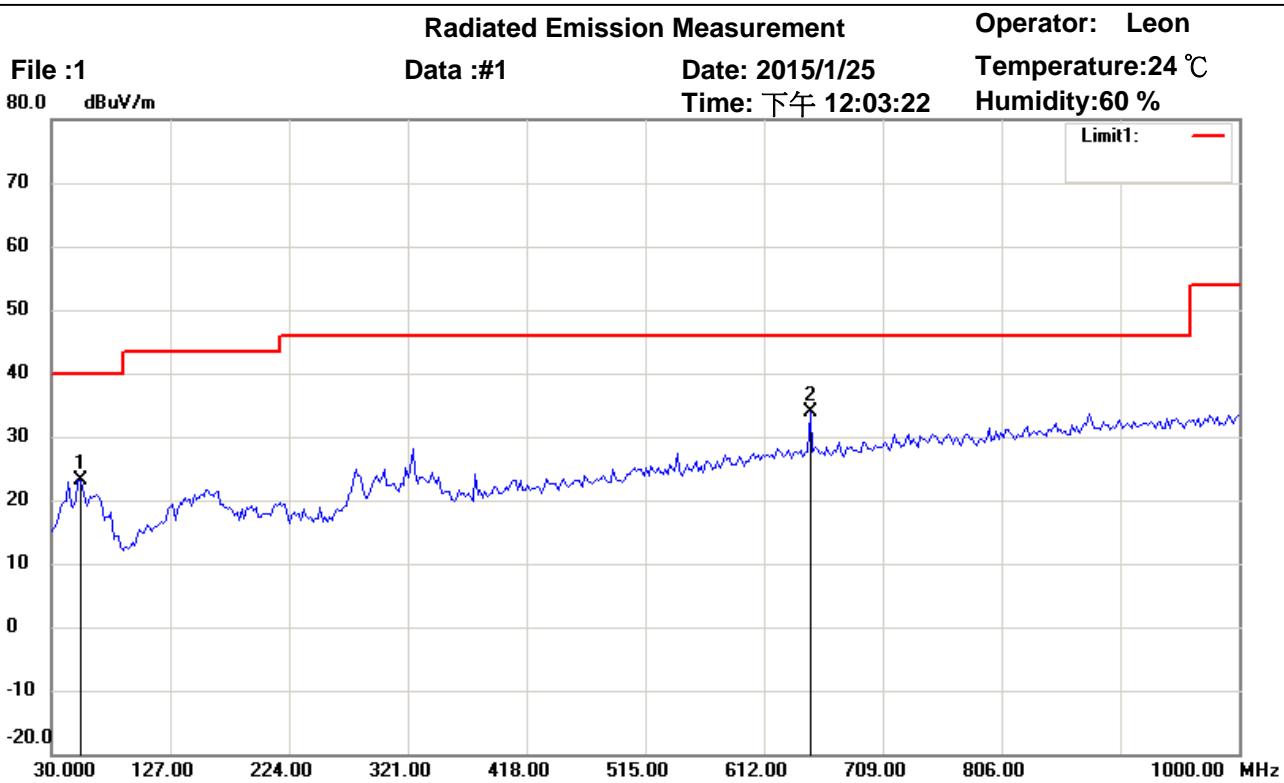
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

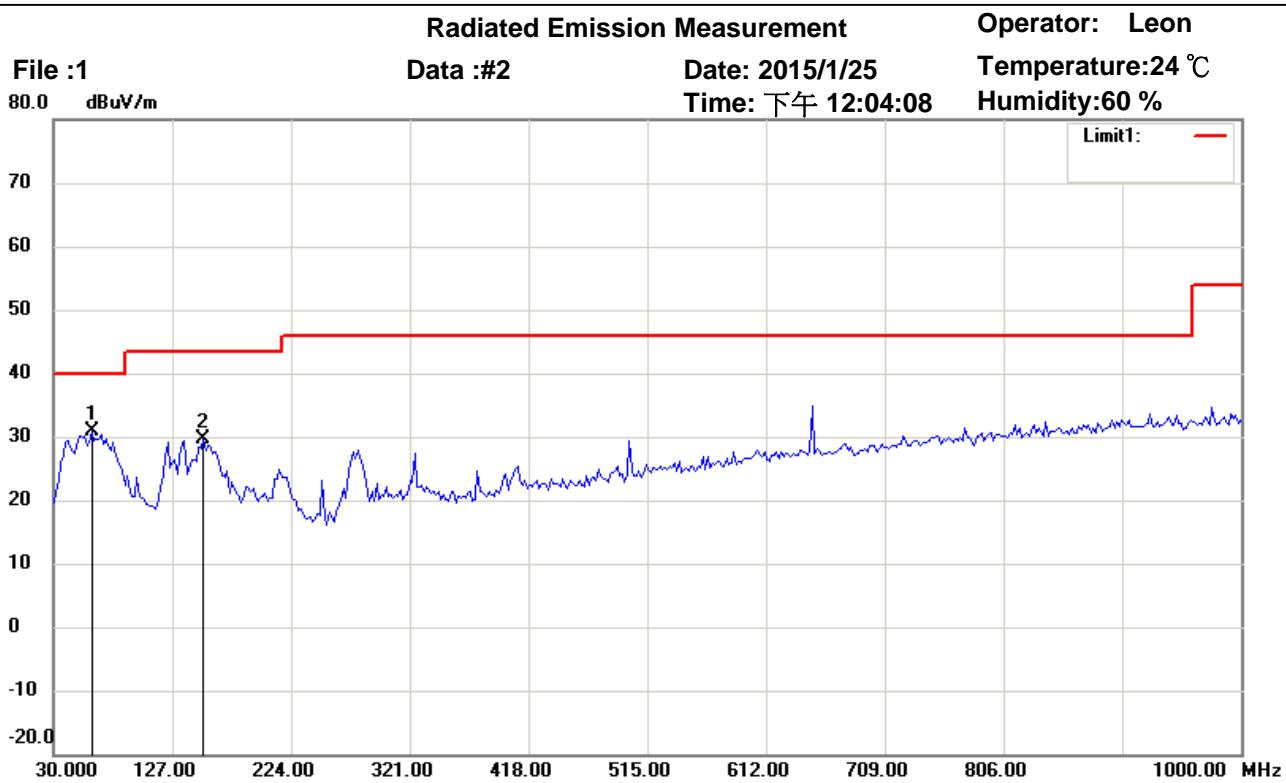
Test Mode : TX 802.11b CH6

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
	53.3267	9.08	peak	14.12	23.20	40.00	100	65	-16.80	
*	650.1001	9.24	peak	24.56	33.80	46.00	100	170	-12.20	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

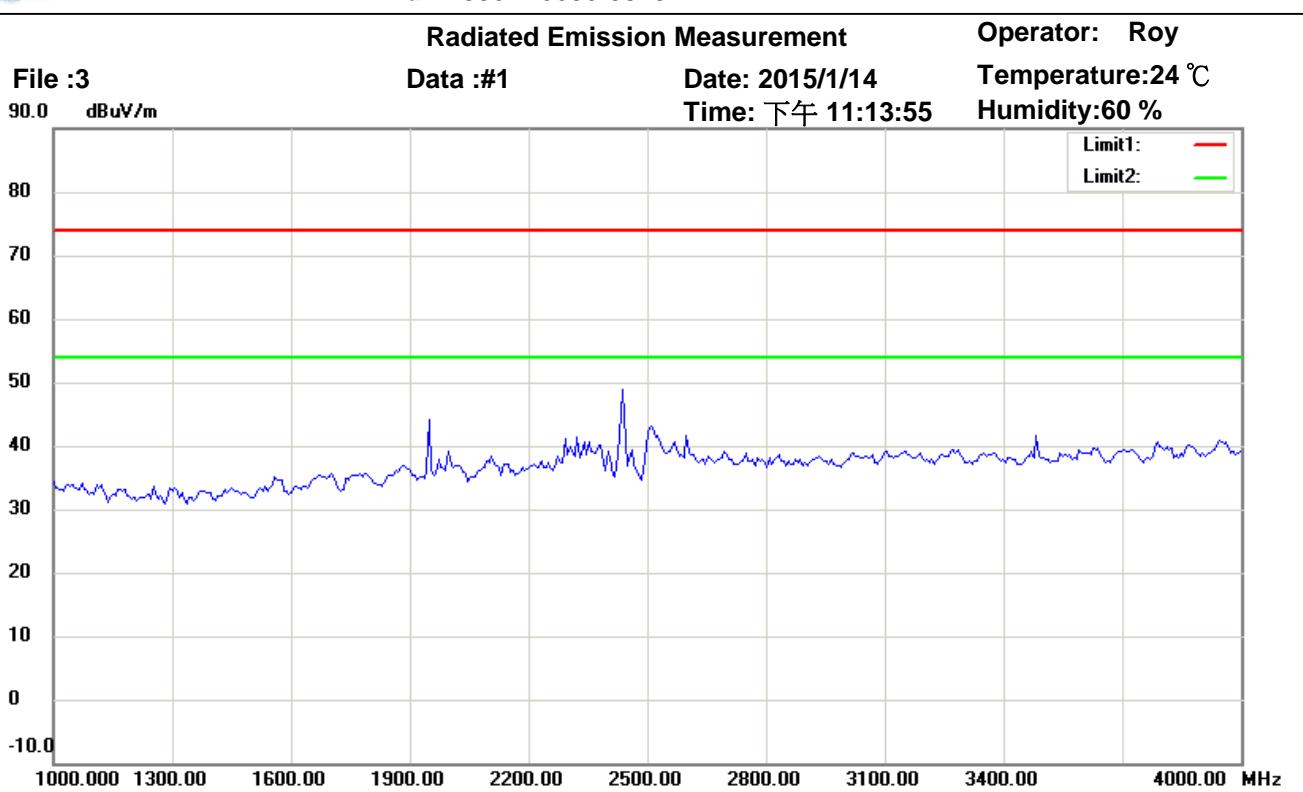
Test Mode : TX 802.11b CH6

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
*	61.1022	17.89	peak	12.98	30.87	40.00	100	95	-9.13	
	152.4648	14.01	peak	15.50	29.51	43.50	100	120	-13.99	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

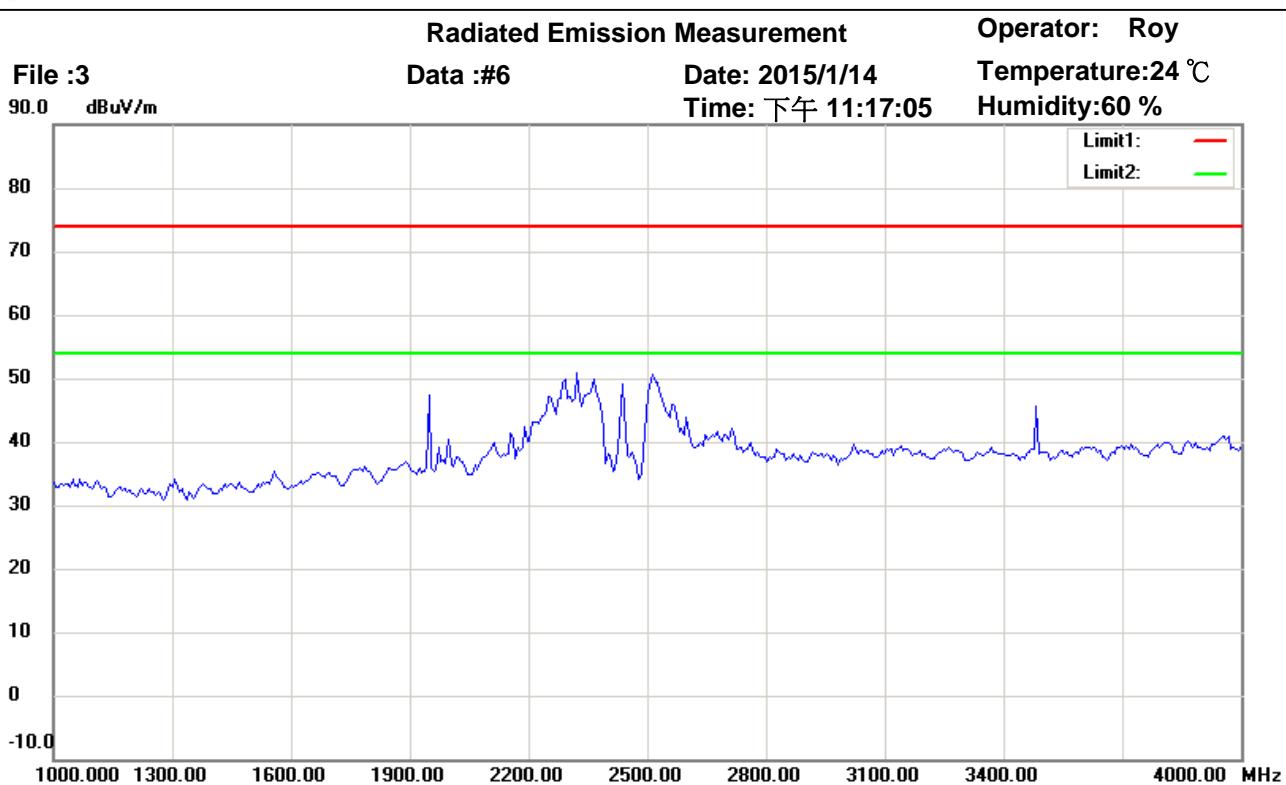
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

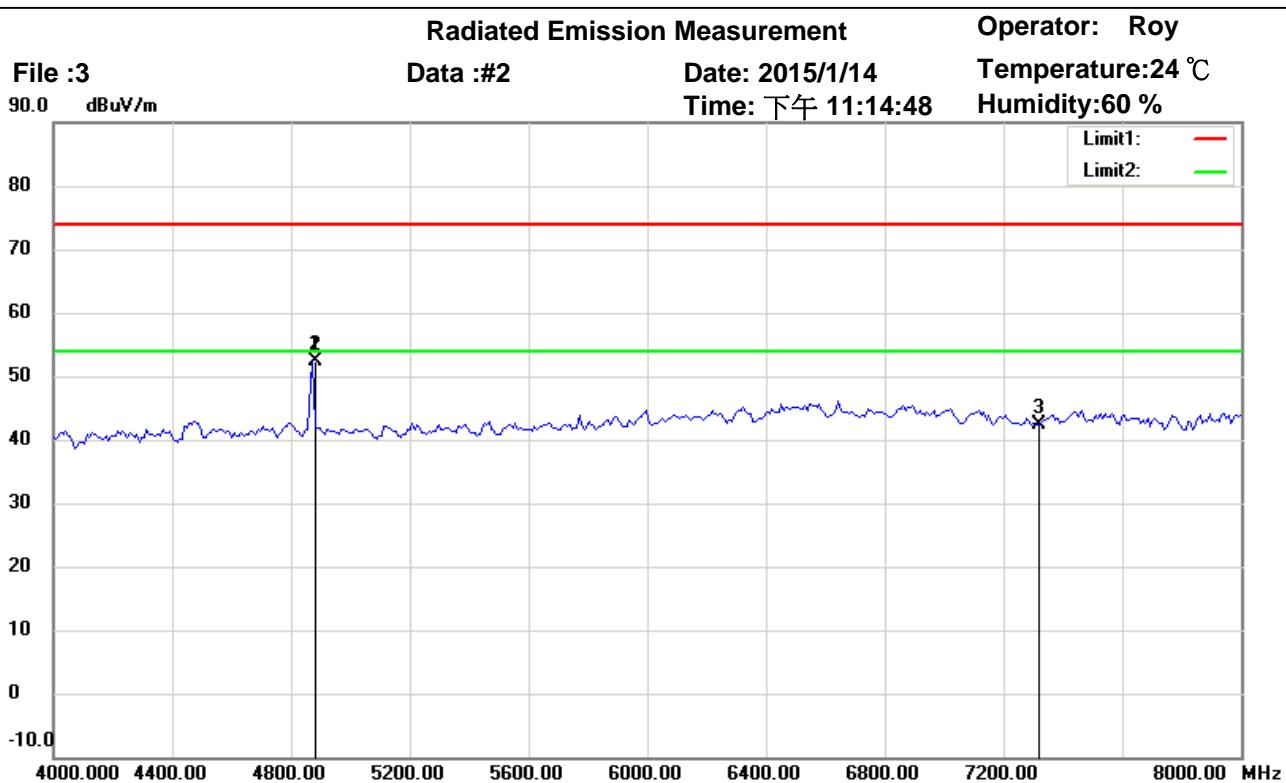
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

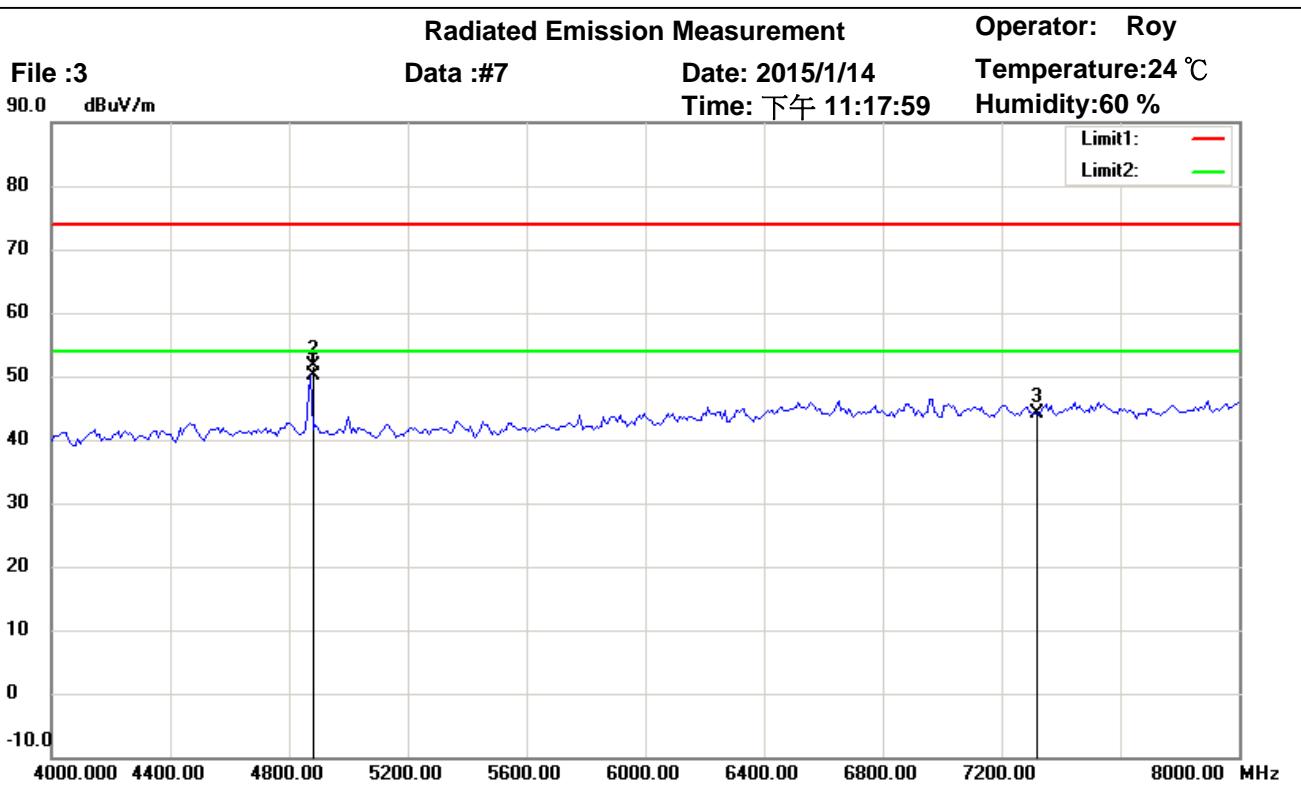
Test Mode : TX 802.11b CH6

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
	4874.047	51.64	peak	0.73	52.37	74.00	100	217	-21.63	
*	4874.047	51.77	AVG	0.73	52.50	54.00	100	217	-1.50	
	7311.000	38.09	peak	4.39	42.48	74.00	100	50	-31.52	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

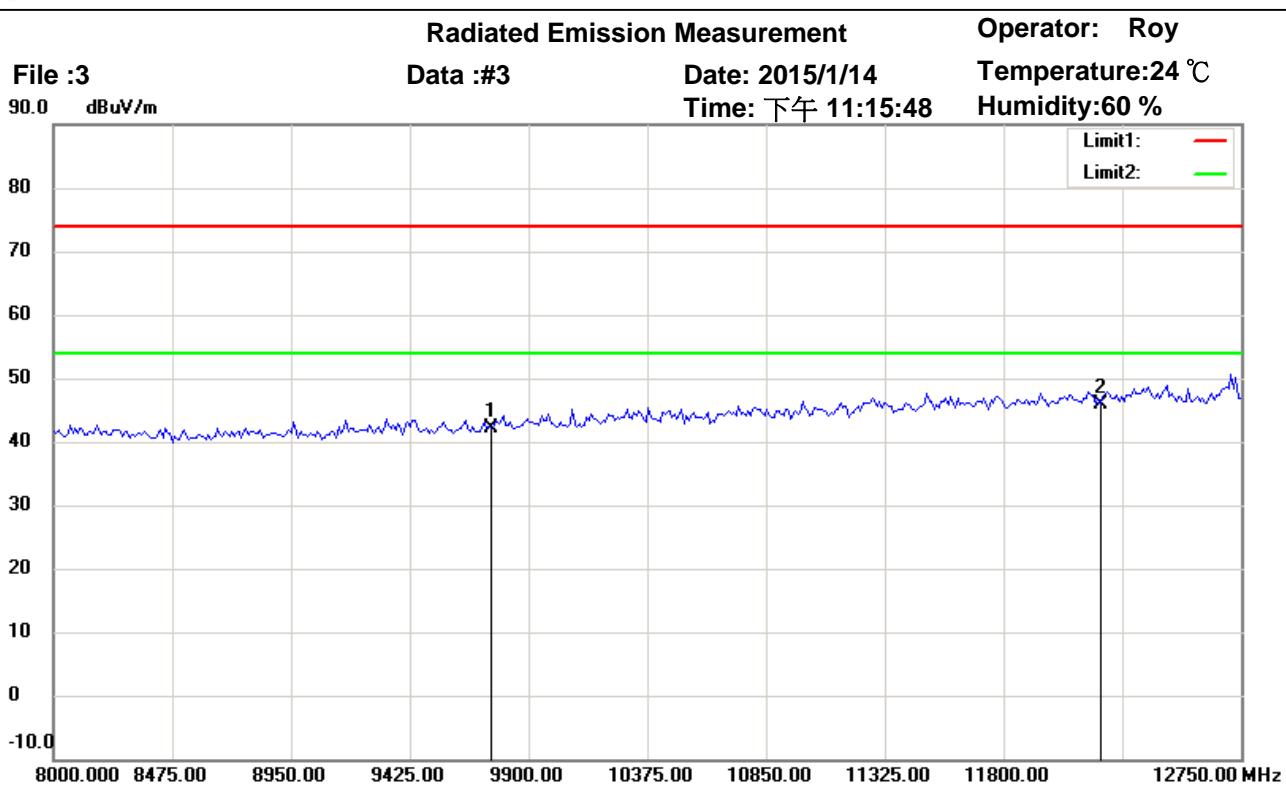
Test Mode : TX 802.11b CH6

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
	4874.097	49.31	peak	0.73	50.04	74.00	100	160	-23.96	
*	4874.097	50.91	AVG	0.73	51.64	54.00	100	160	-2.36	
	7311.000	39.82	peak	4.39	44.21	74.00	100	75	-29.79	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

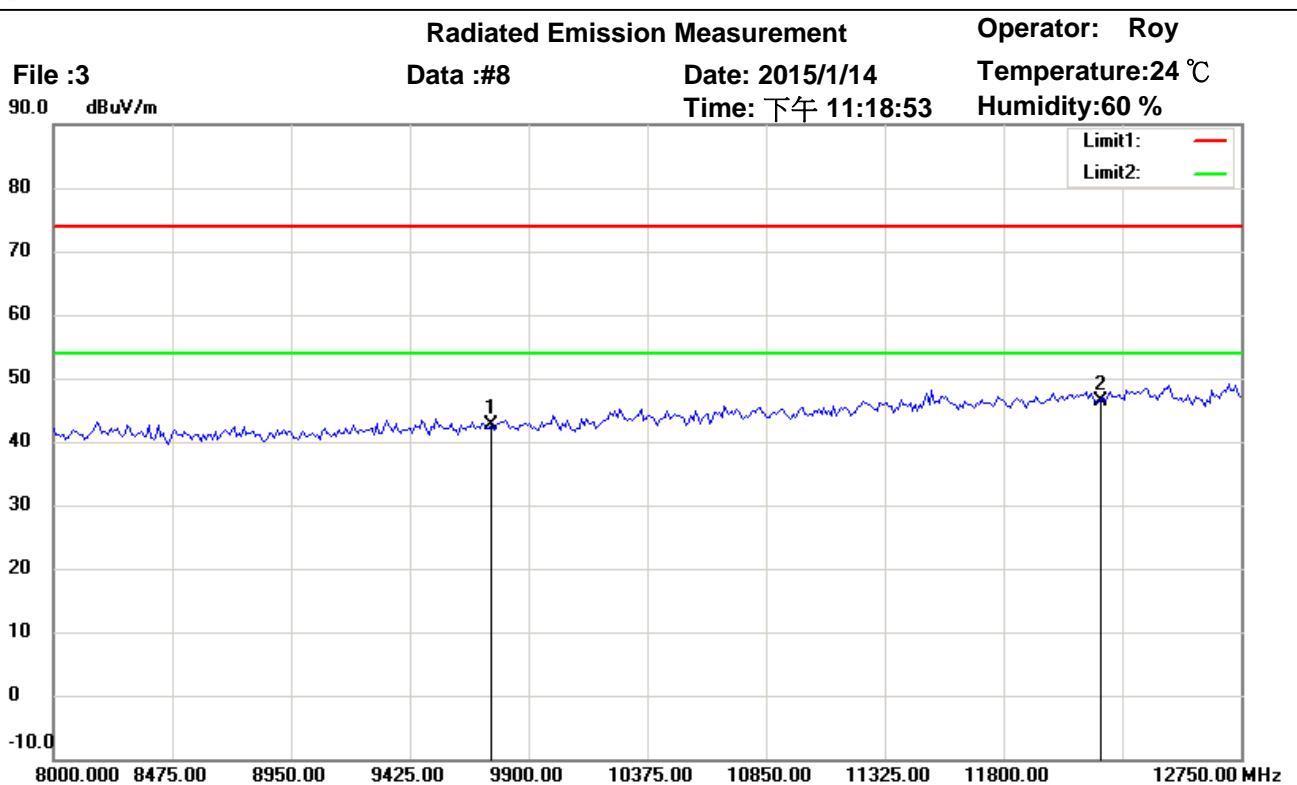
Test Mode : TX 802.11b CH6

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	34.57	peak	7.58	42.15	74.00	100	185	-31.85	
*	12185.000	32.20	peak	13.77	45.97	74.00	100	120	-28.03	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

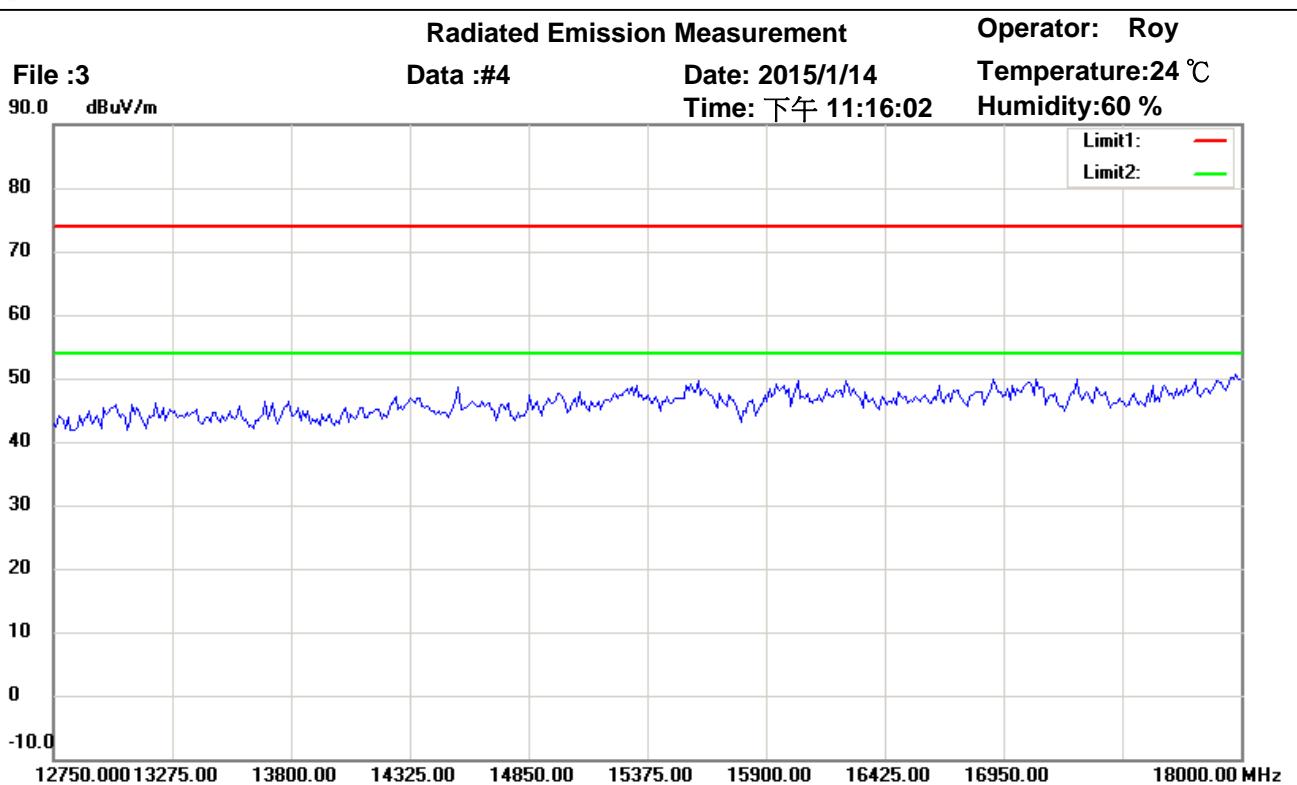
Test Mode : TX 802.11b CH6

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	35.01	peak	7.58	42.59	74.00	100	155	-31.41	
*	12185.000	32.62	peak	13.77	46.39	74.00	100	60	-27.61	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

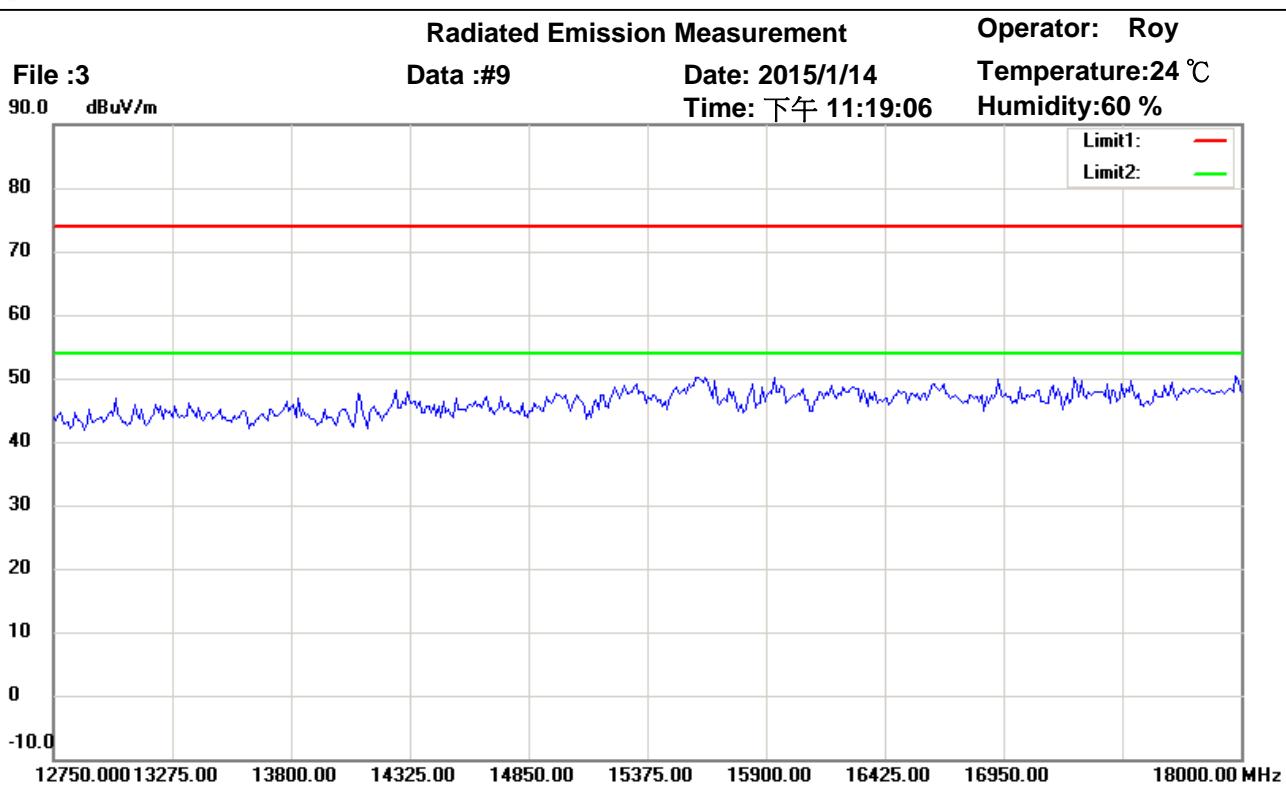
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

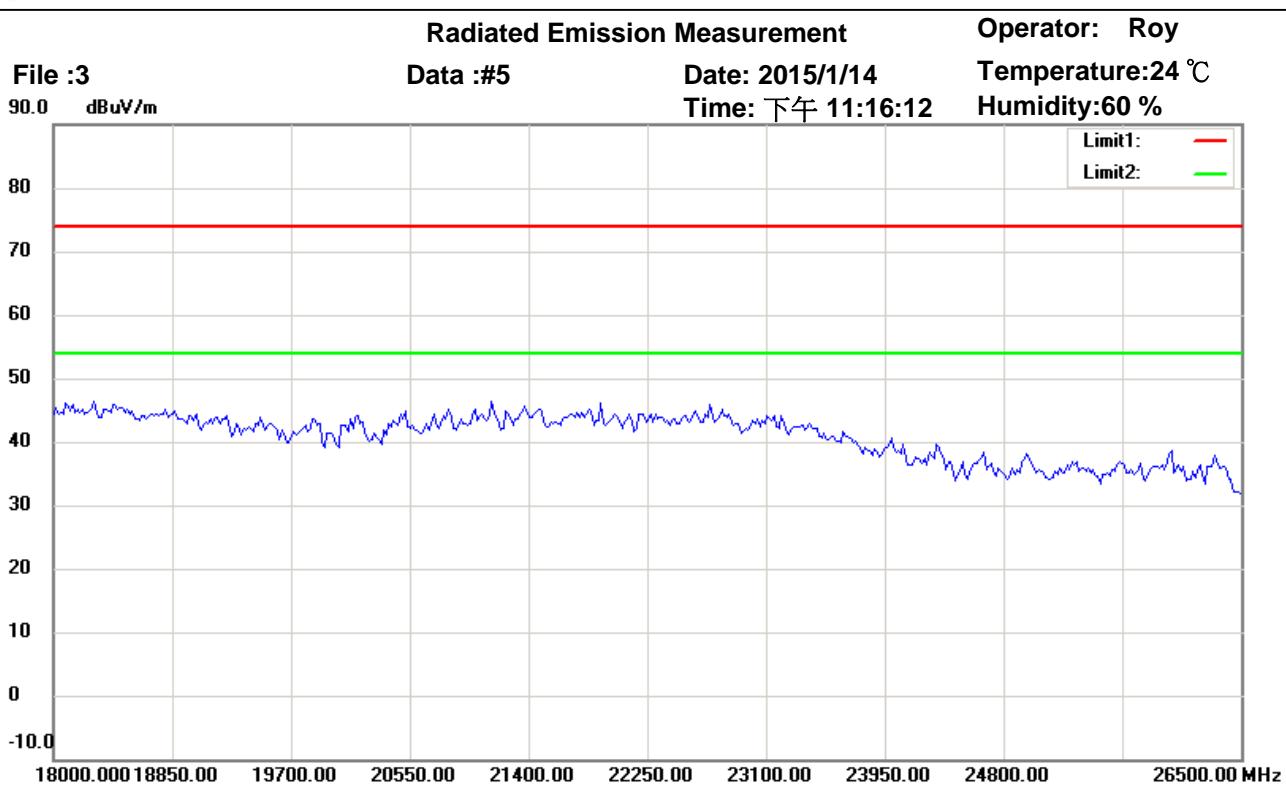
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

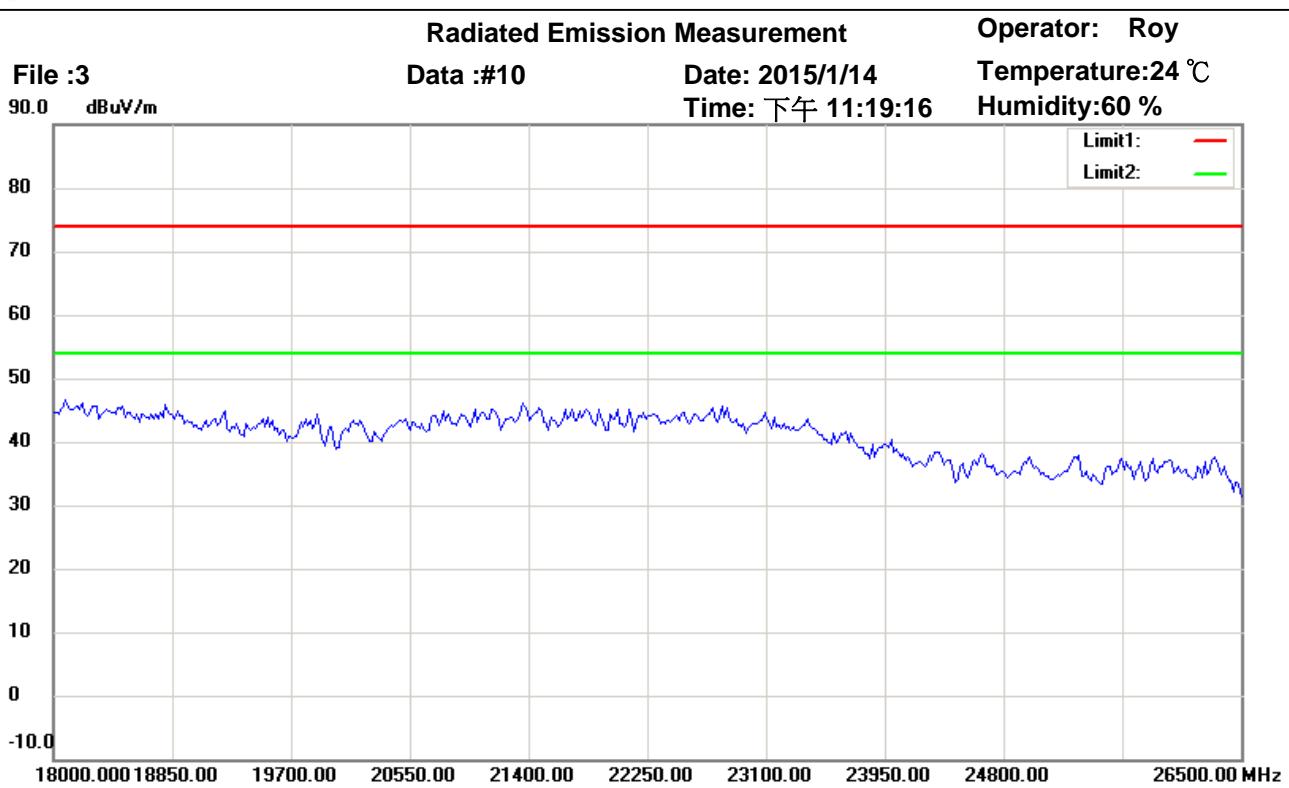
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

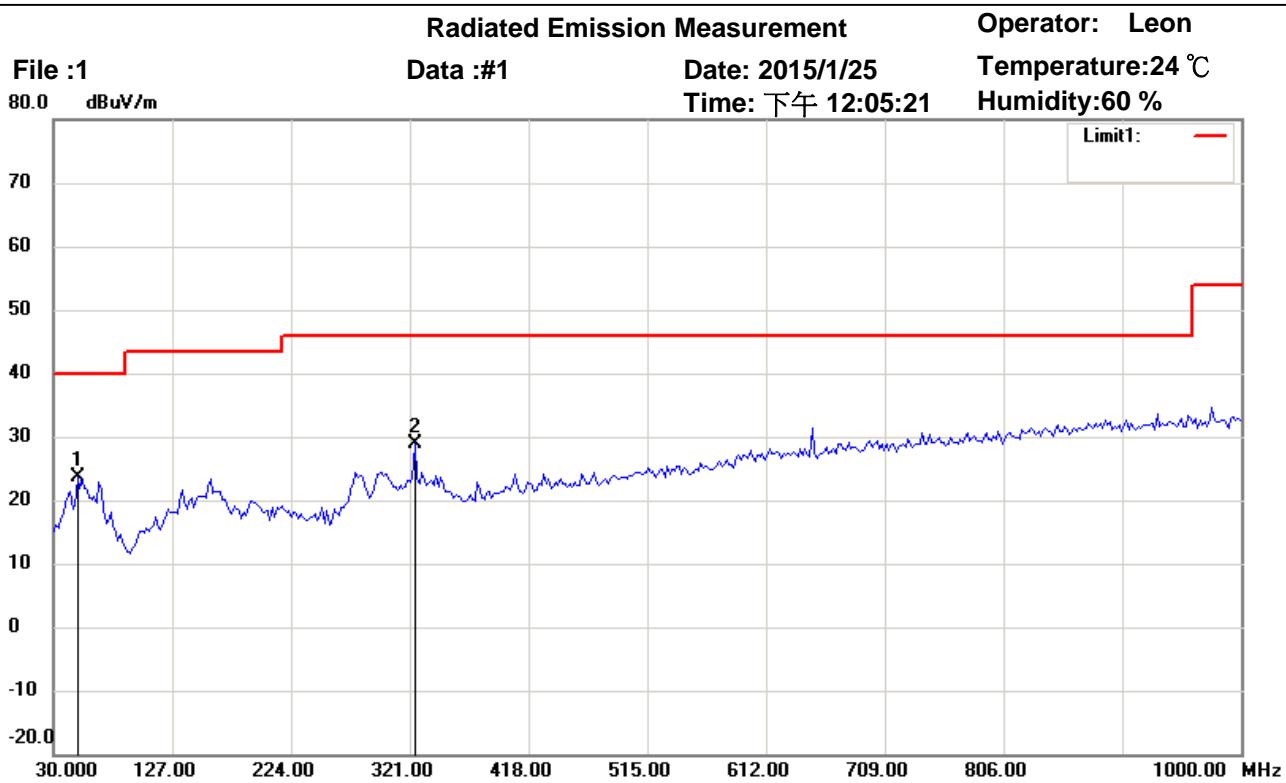
Test Mode : TX 802.11b CH6

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
*										



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

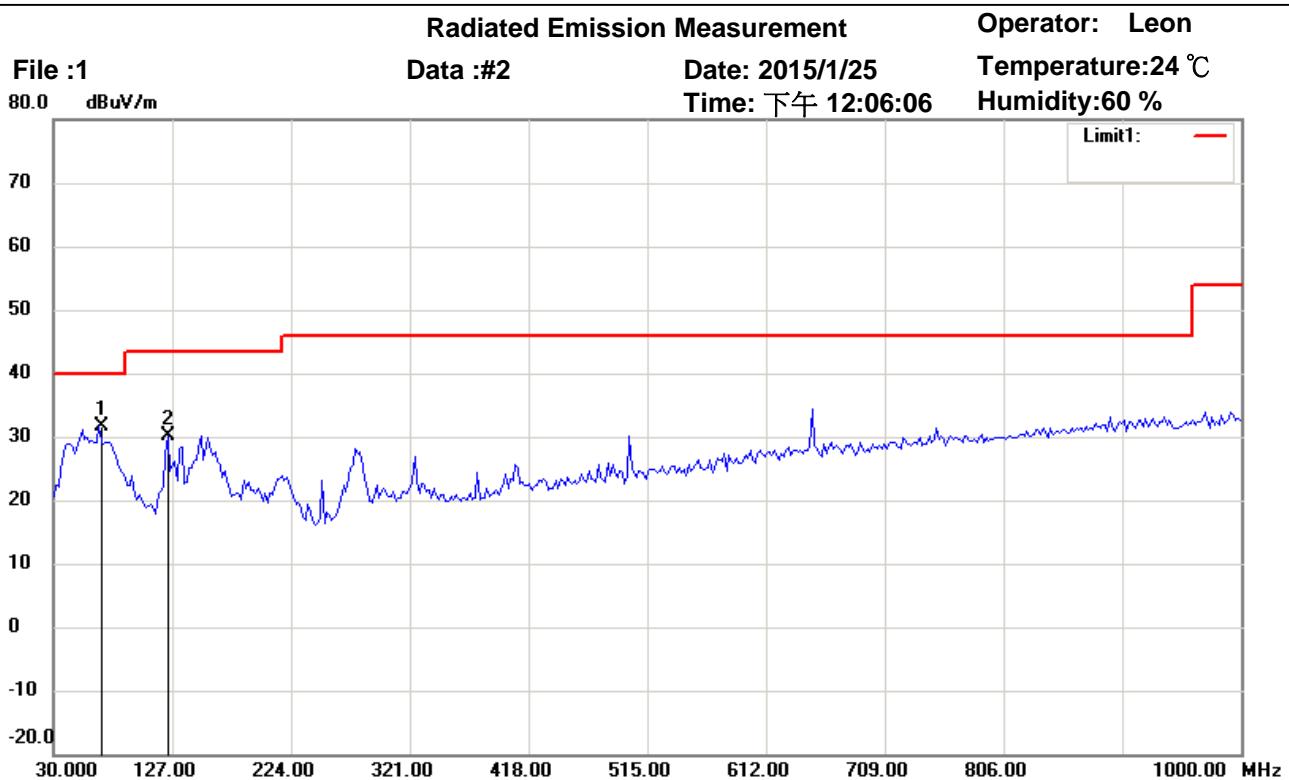
Test Mode : TX 802.11b CH11

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
*	49.4388	8.95	peak	14.65	23.60	40.00	100	130	-16.40	
	325.4708	12.04	peak	16.73	28.77	46.00	100	95	-17.23	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

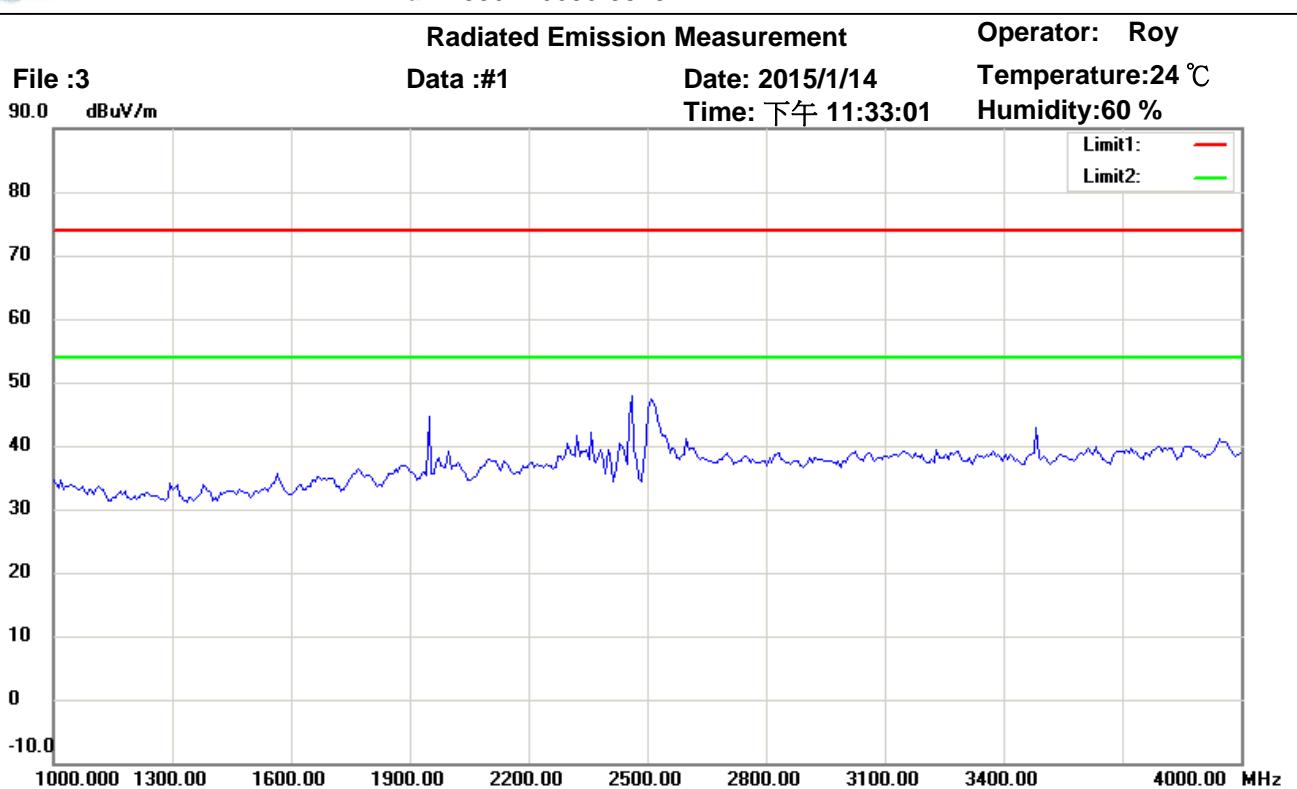
Test Mode : TX 802.11b CH11

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
*	66.9340	19.24	peak	12.28	31.52	40.00	100	55	-8.48	
	123.3066	15.94	peak	14.25	30.19	43.50	100	140	-13.31	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

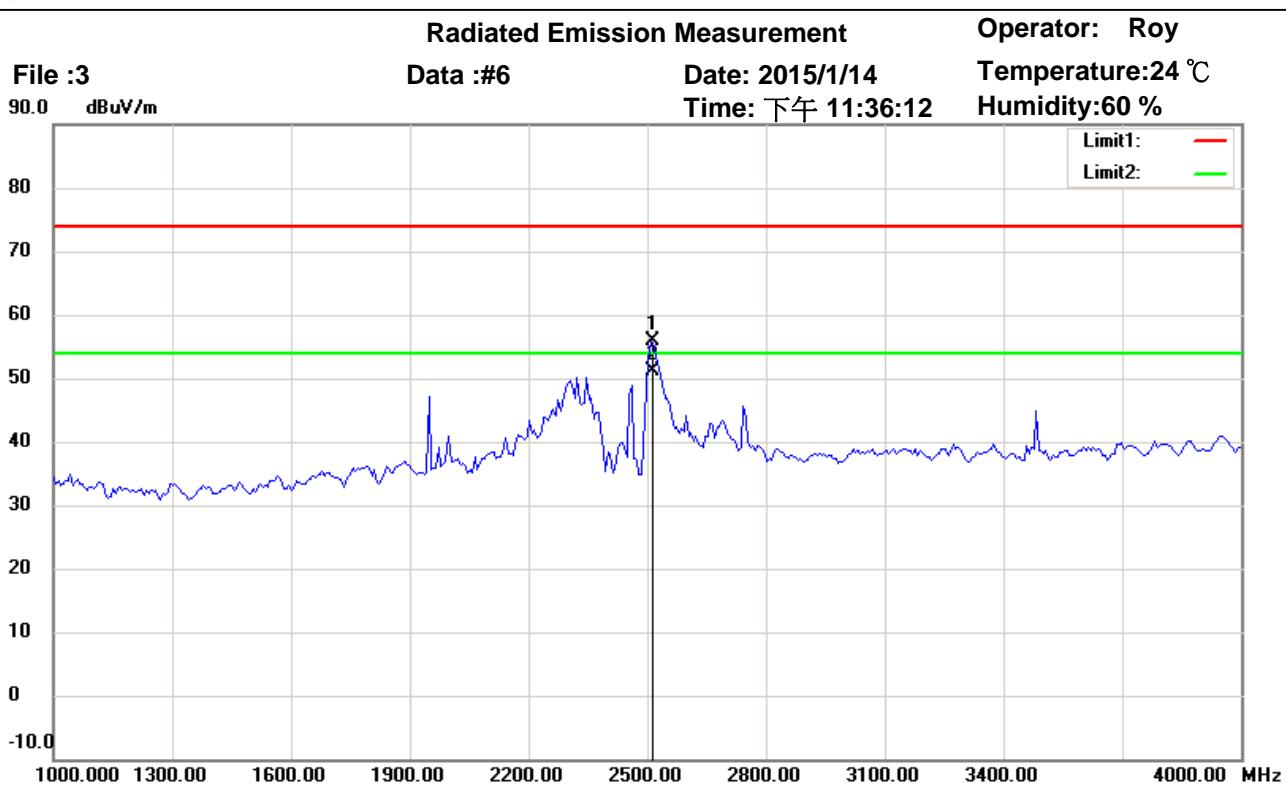
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

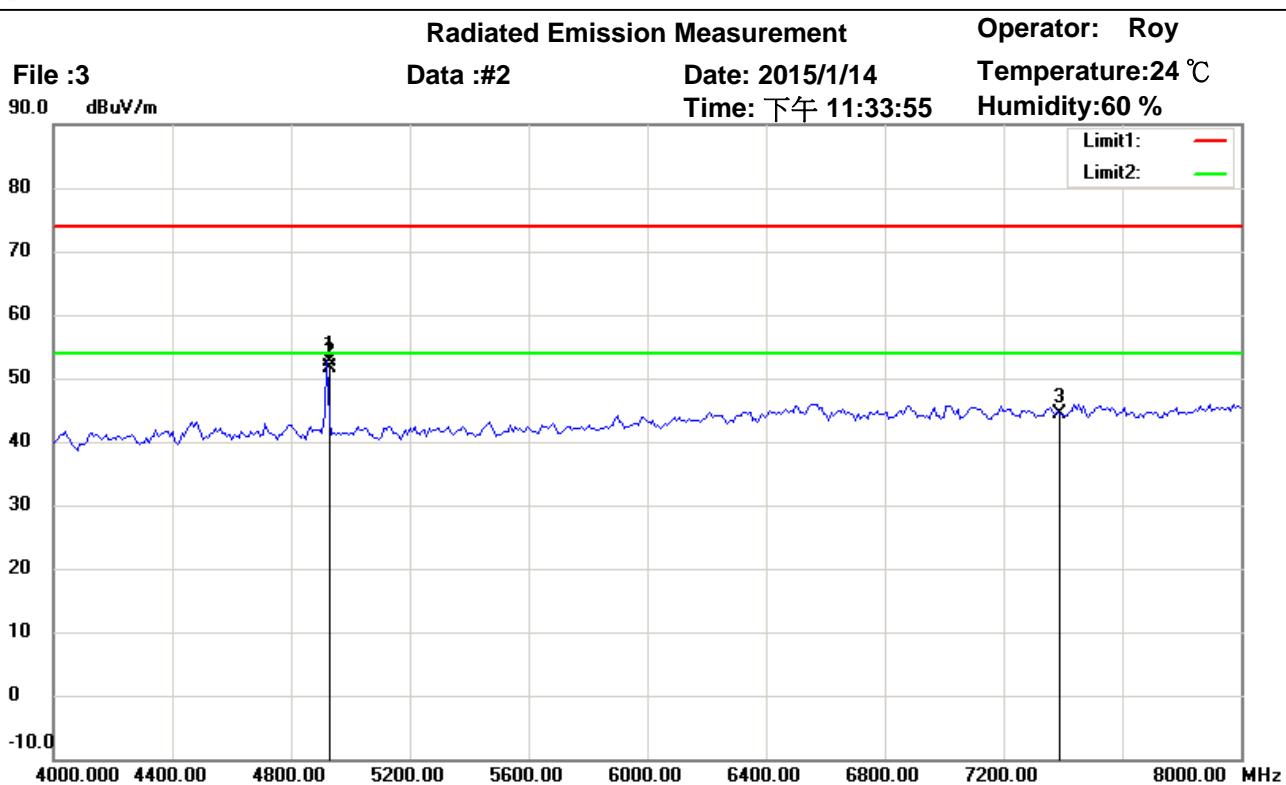
Test Mode : TX 802.11b CH11

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
	2509.727	60.41	peak	-4.54	55.87	74.00	100	175	-18.13	
*	2509.727	55.68	AVG	-4.54	51.14	54.00	100	175	-2.86	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

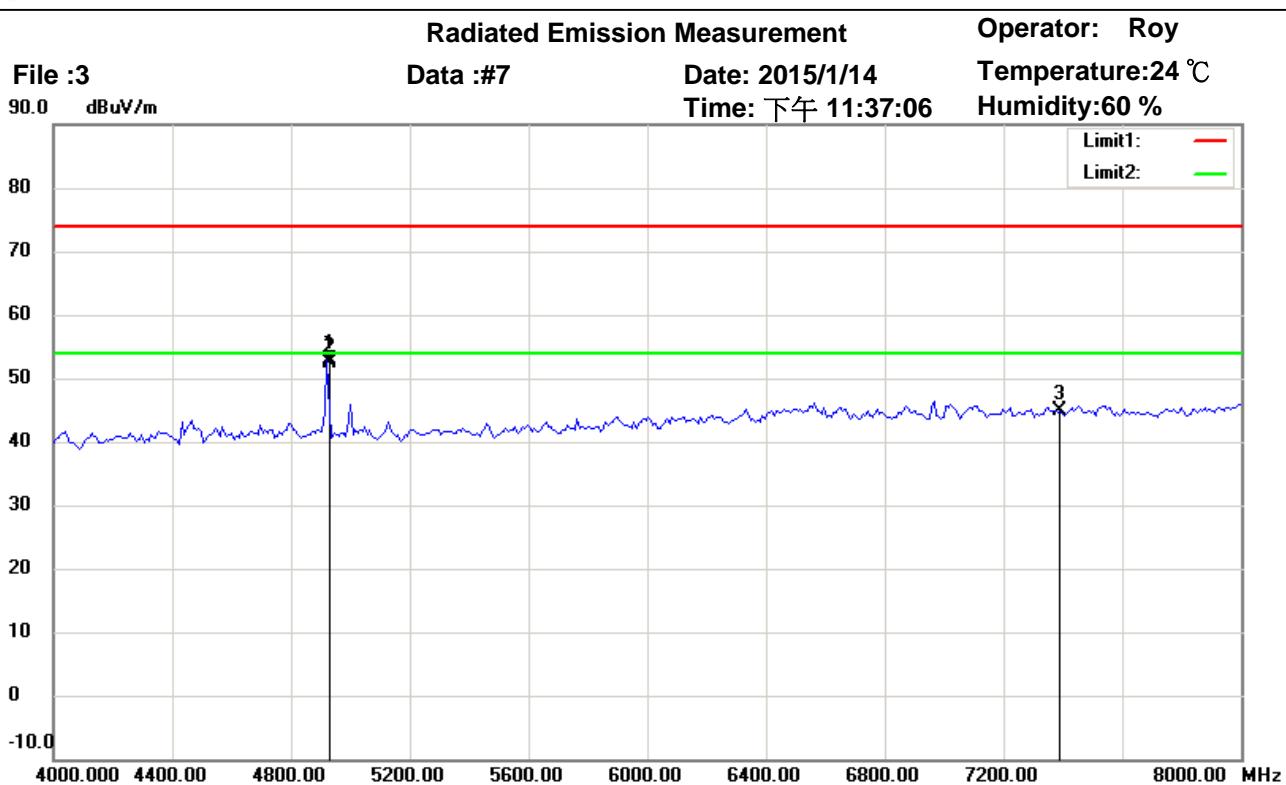
Test Mode : TX 802.11b CH11

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
	4924.086	51.84	peak	0.81	52.65	74.00	100	210	-21.35	
*	4924.086	50.86	AVG	0.81	51.67	54.00	100	210	-2.33	
	7386.000	39.67	peak	4.71	44.38	74.00	100	55	-29.62	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

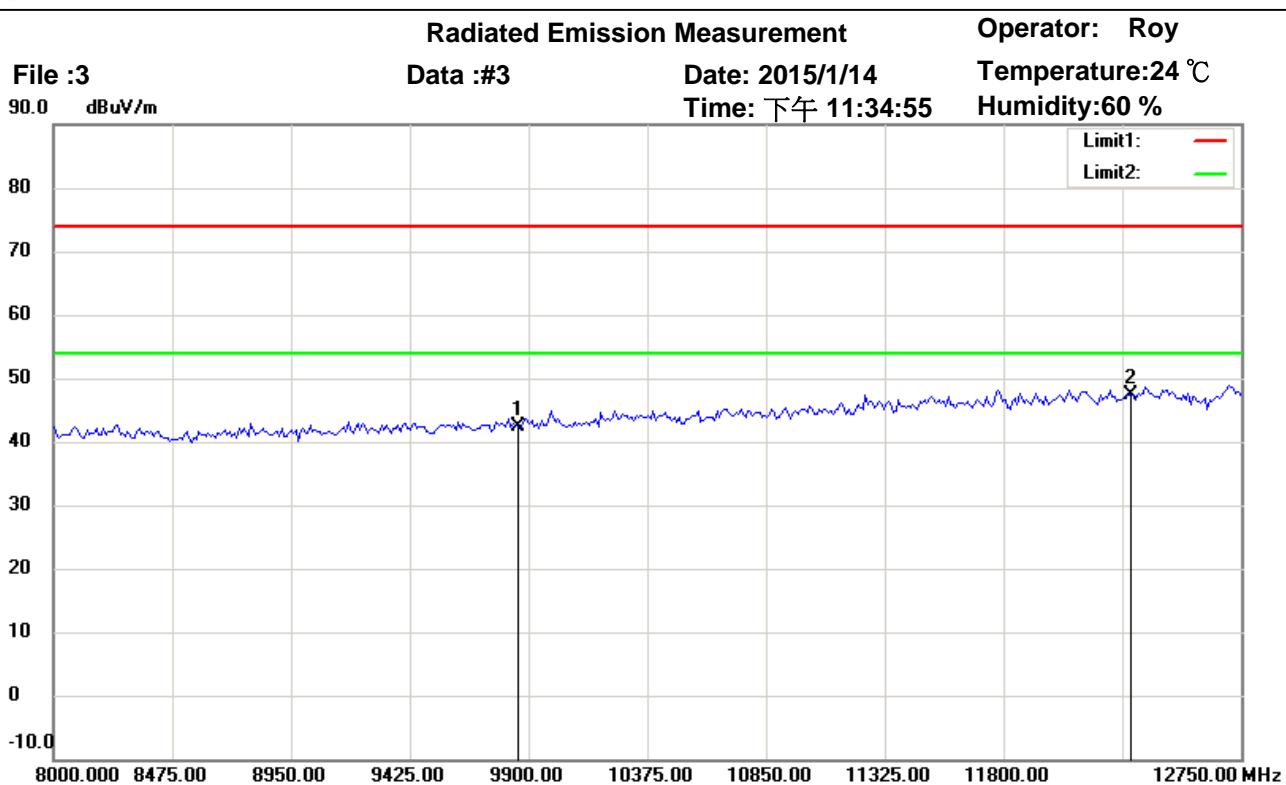
Test Mode : TX 802.11b CH11

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
	4924.107	52.09	peak	0.81	52.90	74.00	100	145	-21.10	
*	4924.107	51.48	AVG	0.81	52.29	54.00	100	145	-1.71	
	7386.000	40.23	peak	4.71	44.94	74.00	100	80	-29.06	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

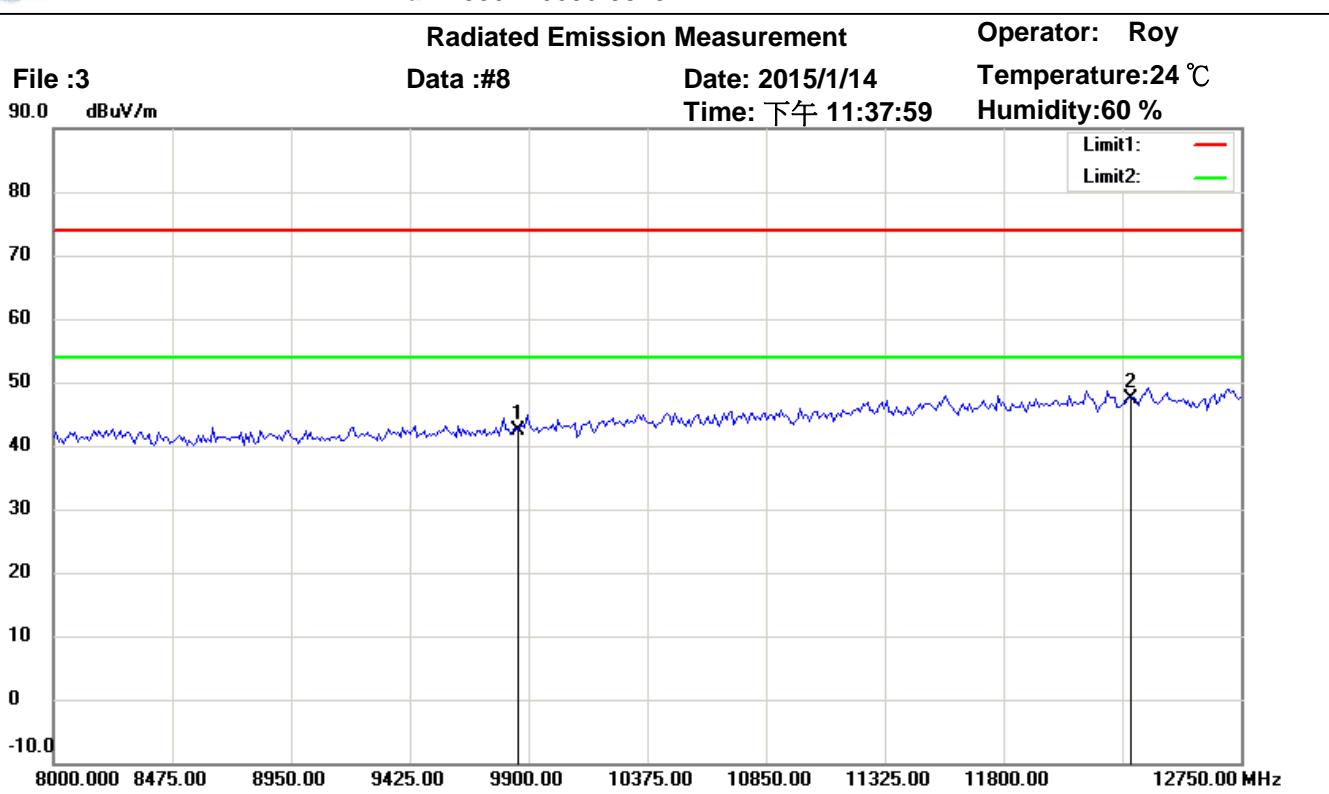
Test Mode : TX 802.11b CH11

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	34.49	peak	7.96	42.45	74.00	100	100	-31.55	
*	12310.000	33.87	peak	13.60	47.47	74.00	100	30	-26.53	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

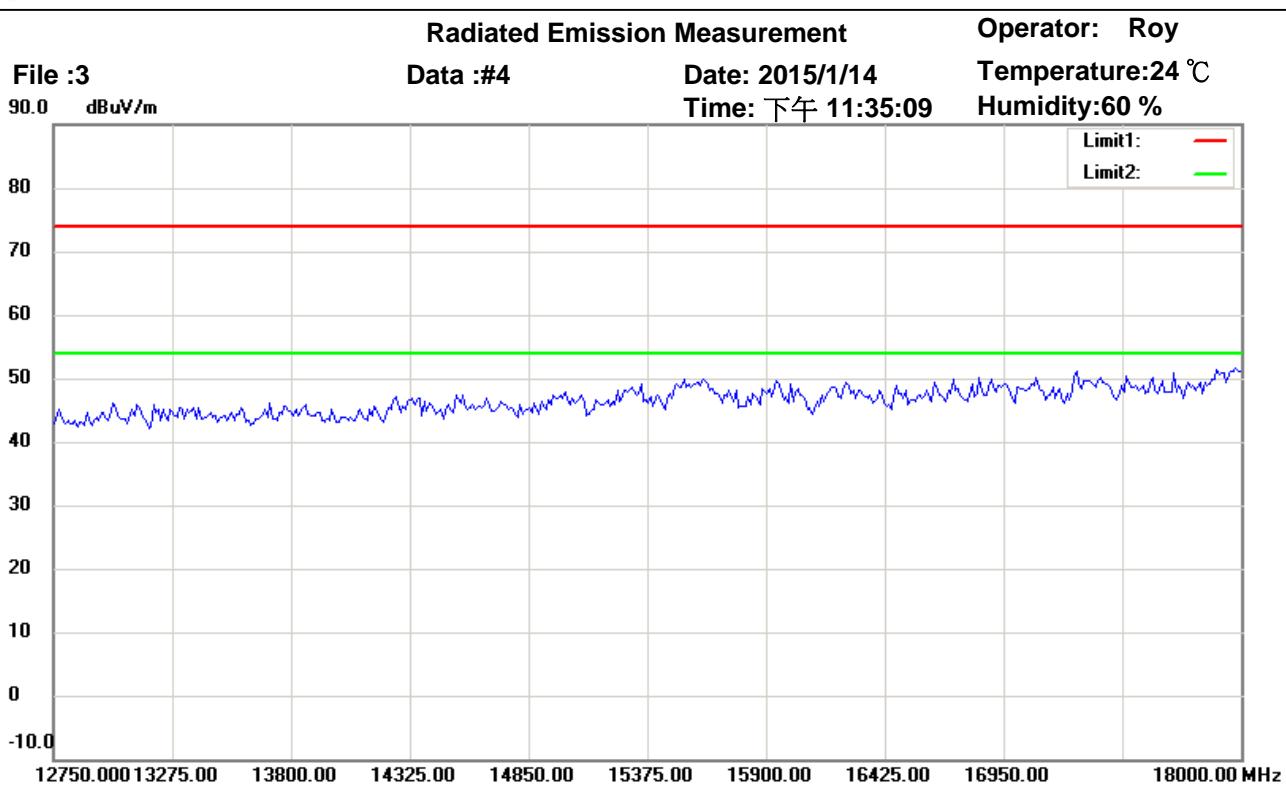
Test Mode : TX 802.11b CH11

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	34.52	peak	7.96	42.48	74.00	100	125	-31.52	
*	12310.000	33.87	peak	13.60	47.47	74.00	100	40	-26.53	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

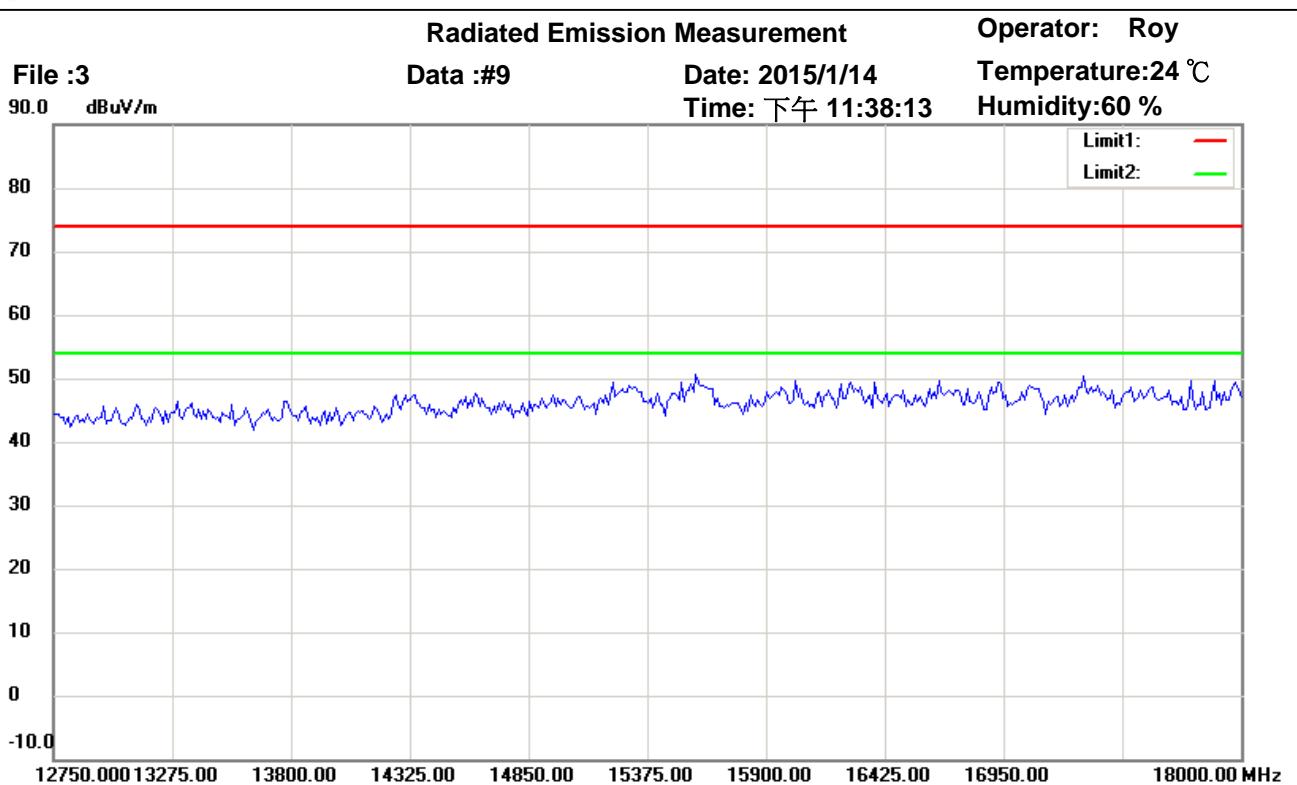
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

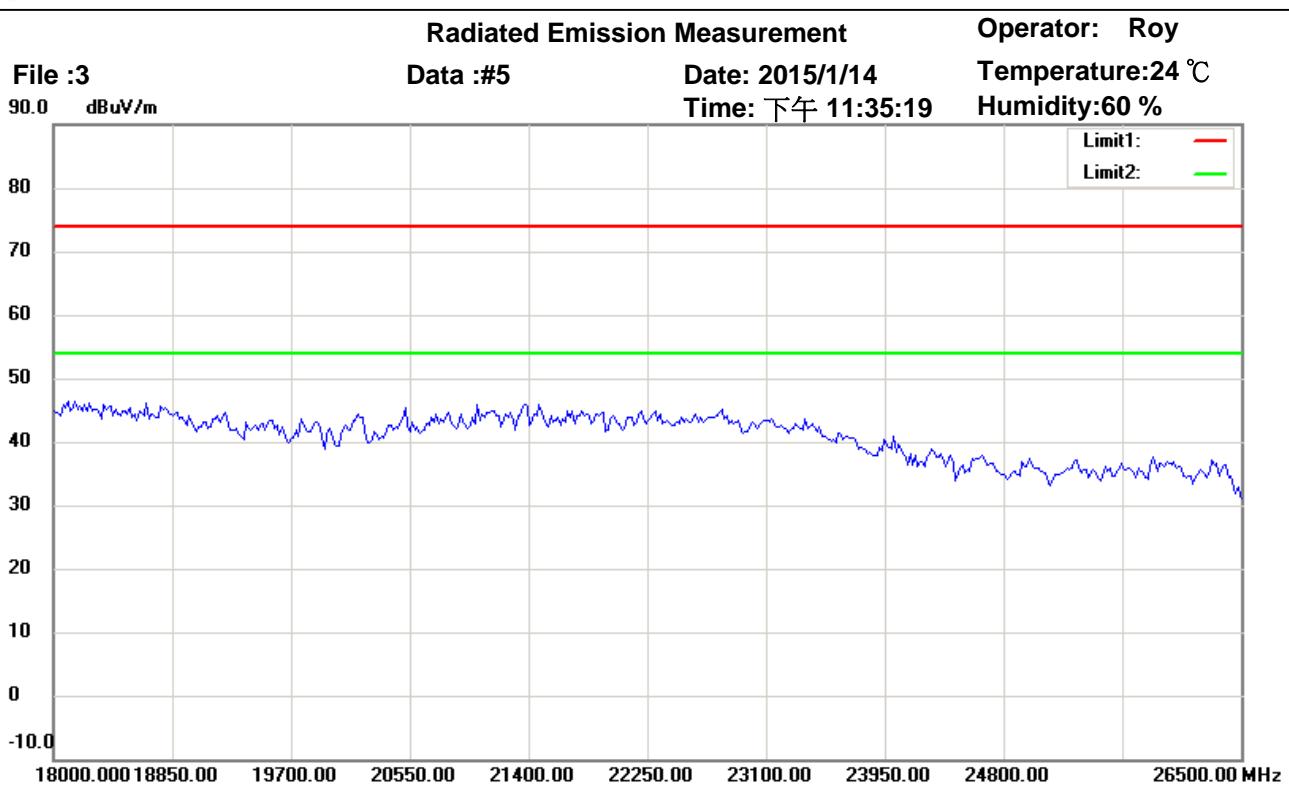
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

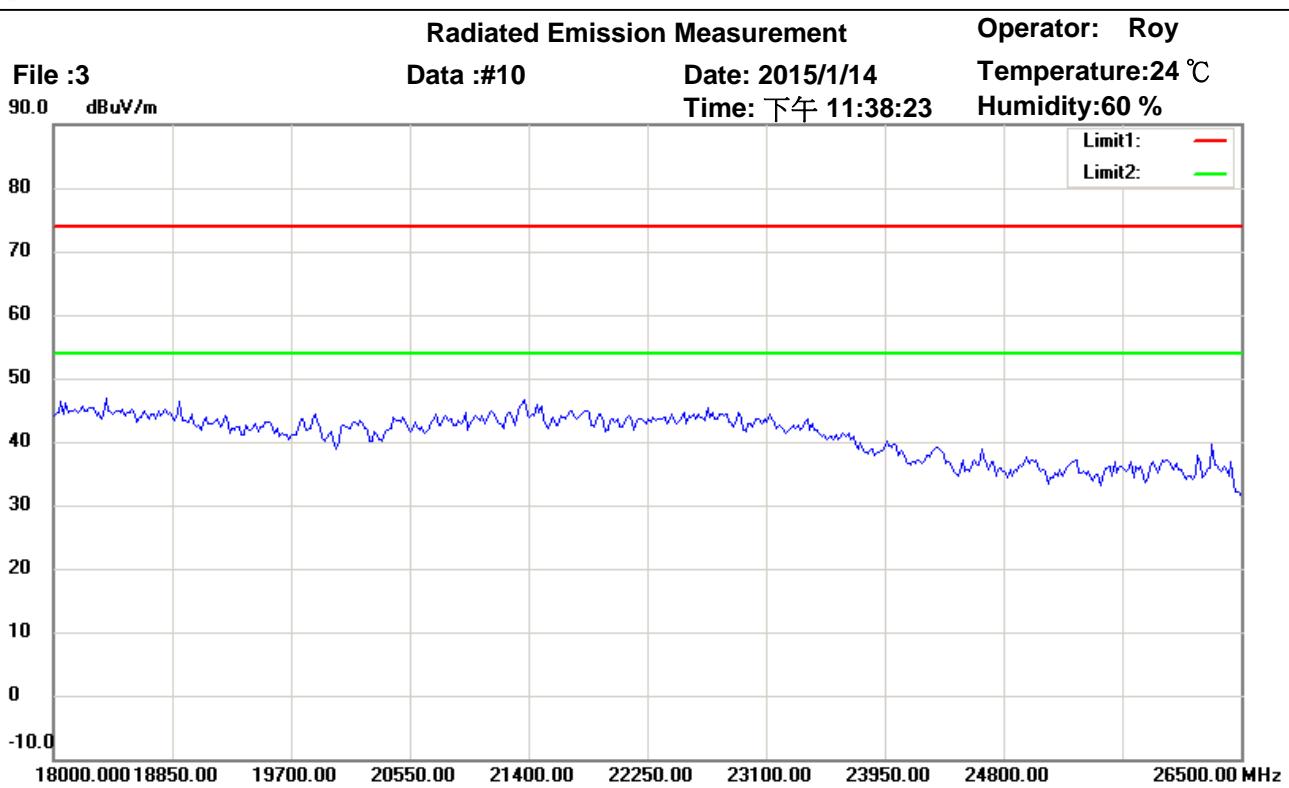
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

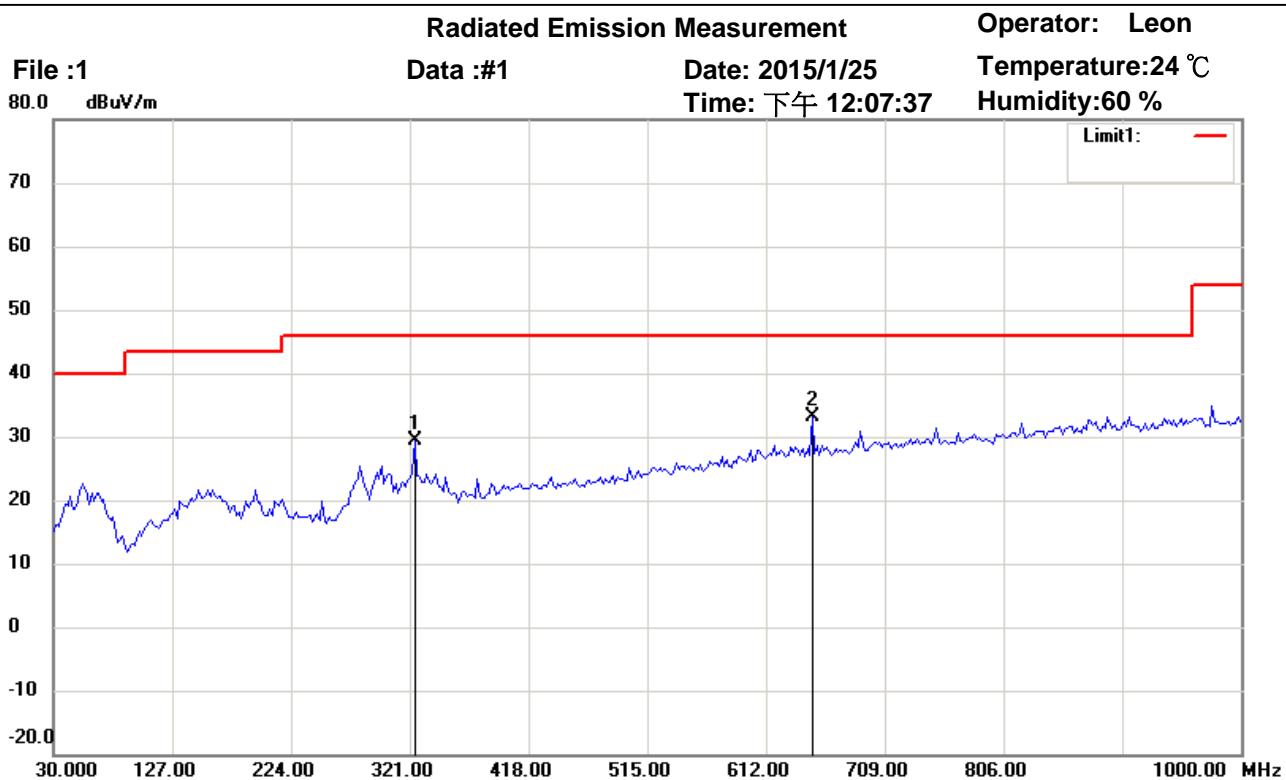
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

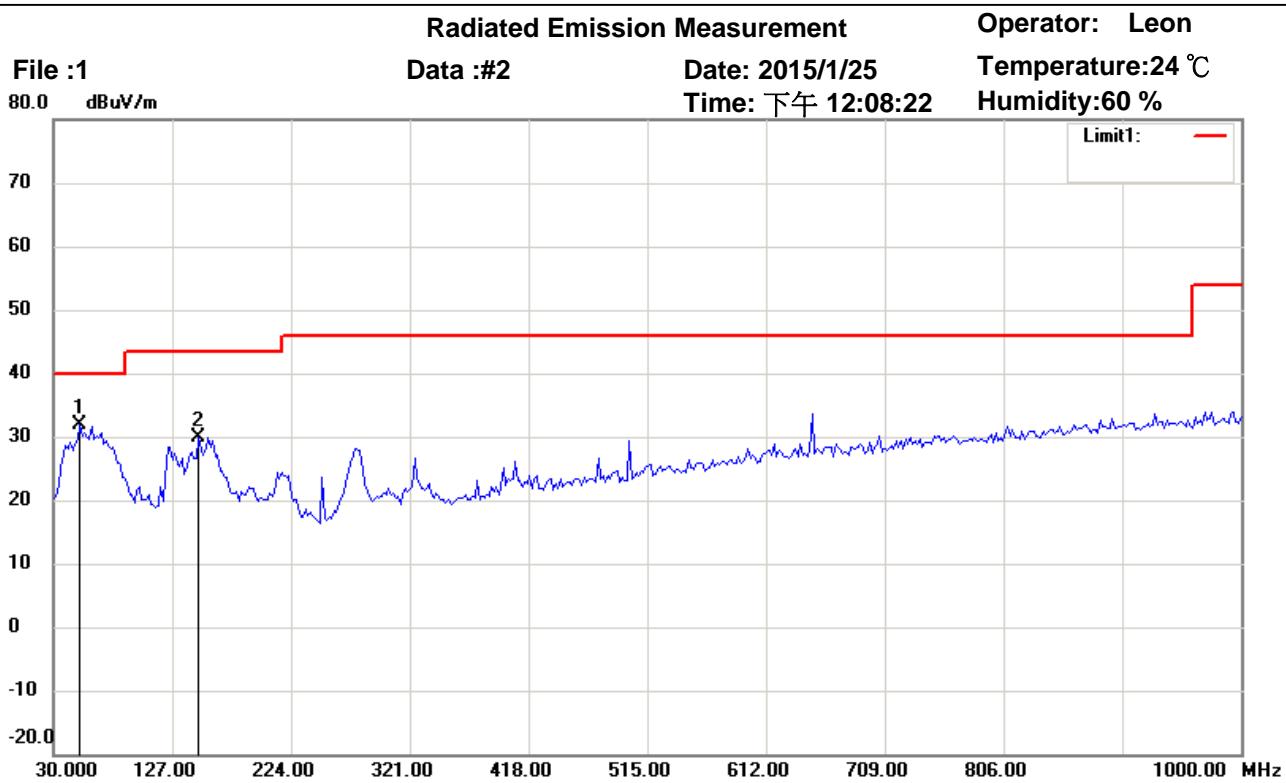
Test Mode : TX 802.11g CH1

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
	325.4708	12.73	peak	16.73	29.46	46.00	100	70	-16.54	
*	650.1001	8.69	peak	24.56	33.25	46.00	100	145	-12.75	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

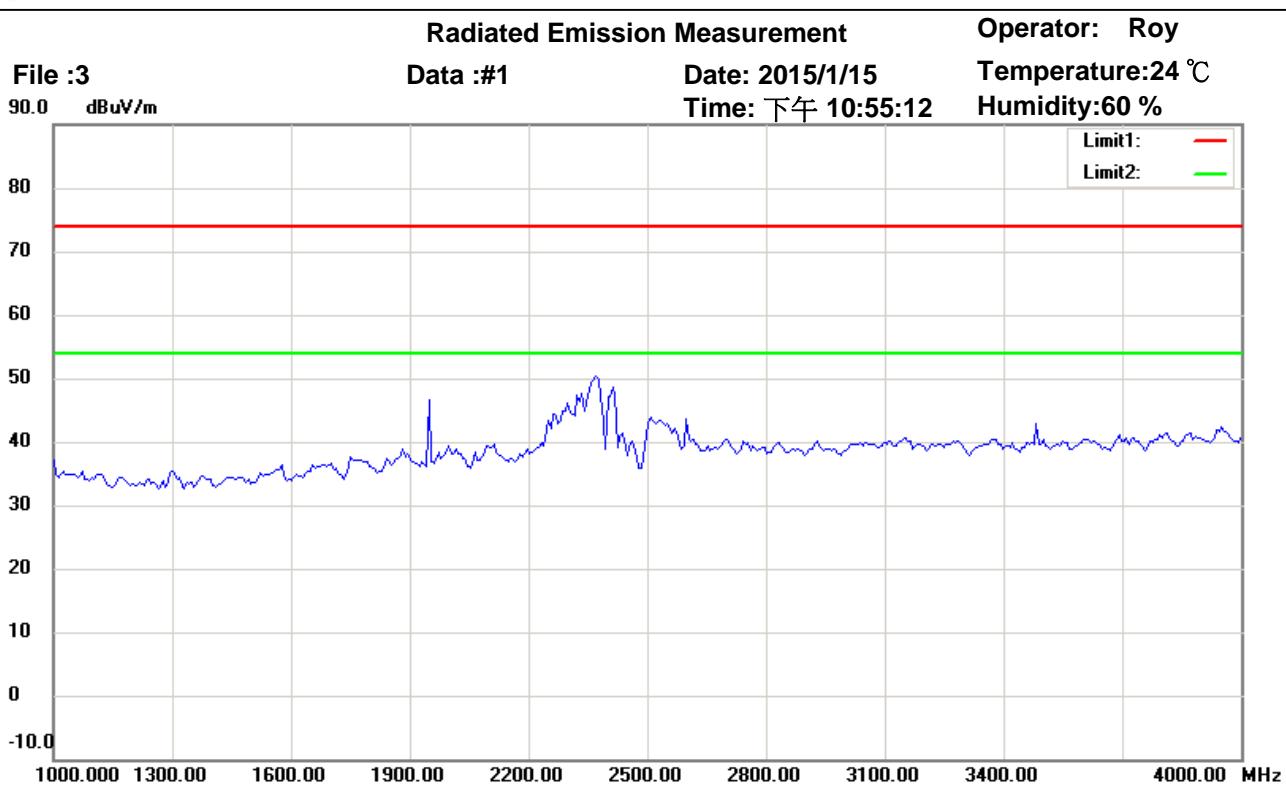
Test Mode : TX 802.11g CH1

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
*	51.3828	17.37	peak	14.41	31.78	40.00	100	95	-8.22	
	148.5772	14.50	peak	15.49	29.99	43.50	100	110	-13.51	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

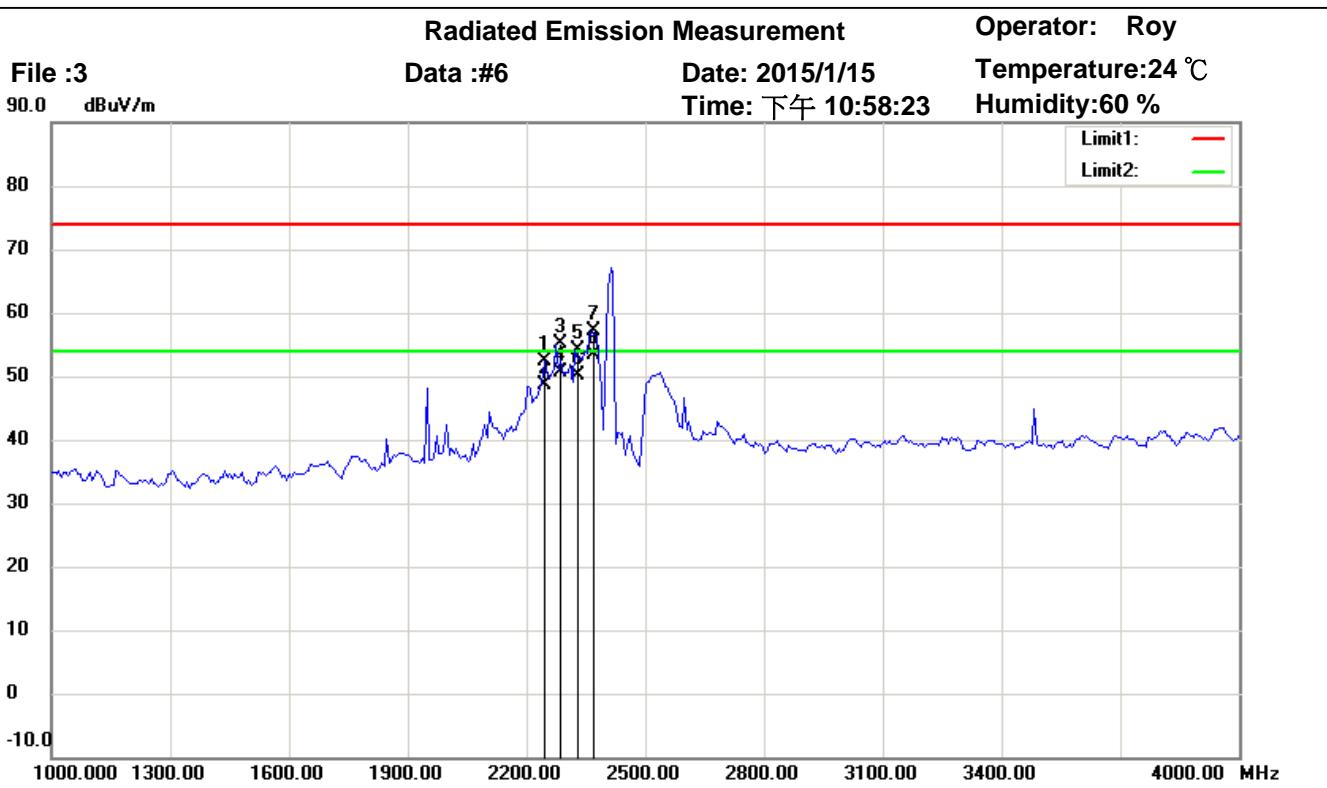
Test Mode : TX 802.11g CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH1

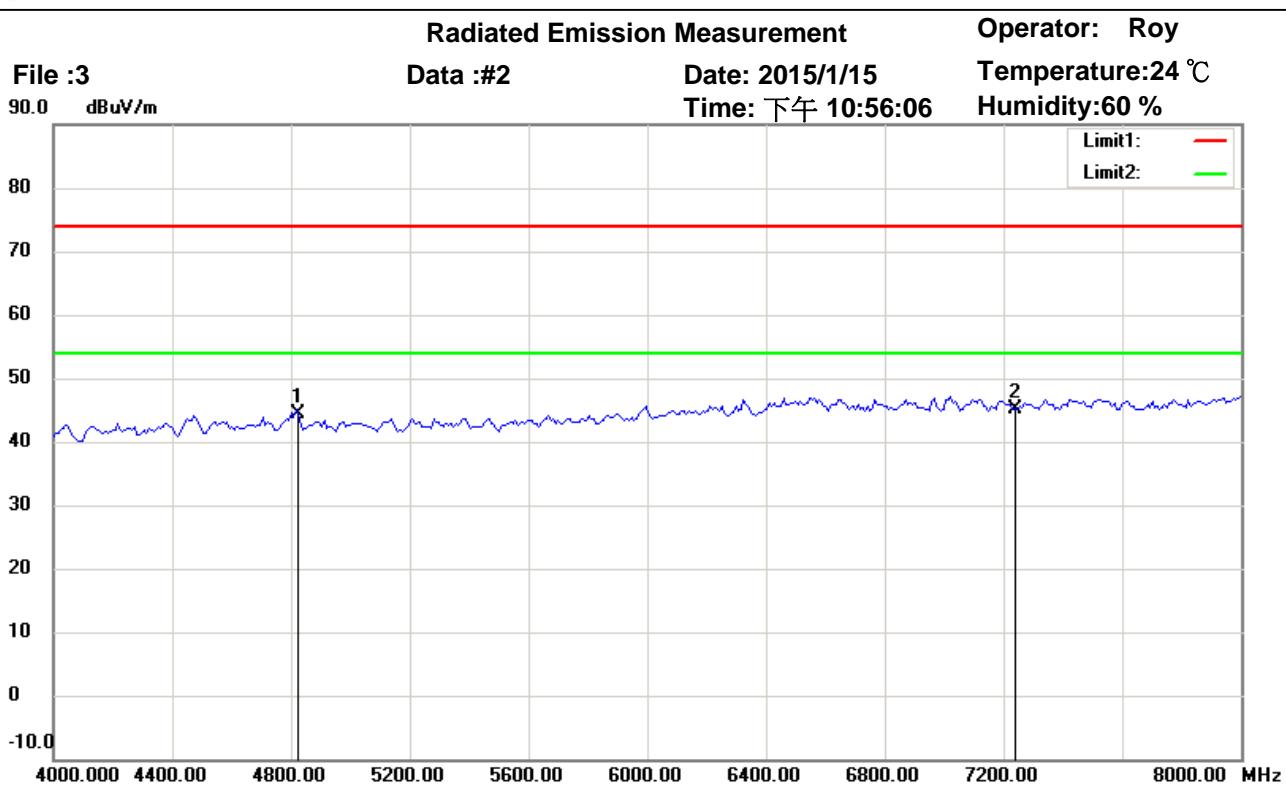
Note :

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
	2244.489	57.81	peak	-5.51	52.30	74.00	100	260	-21.70	
	2244.489	54.21	AVG	-5.51	48.70	54.00	100	260	-5.30	
	2281.743	60.54	peak	-5.29	55.25	74.00	100	280	-18.75	
	2281.743	55.85	AVG	-5.29	50.56	54.00	100	280	-3.44	
	2325.088	59.20	peak	-5.06	54.14	74.00	100	275	-19.86	
	2325.088	55.17	AVG	-5.06	50.11	54.00	100	275	-3.89	
	2369.398	62.01	peak	-4.85	57.16	74.00	100	280	-16.84	
*	2369.398	58.20	AVG	-4.85	53.35	54.00	100	280	-0.65	

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



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

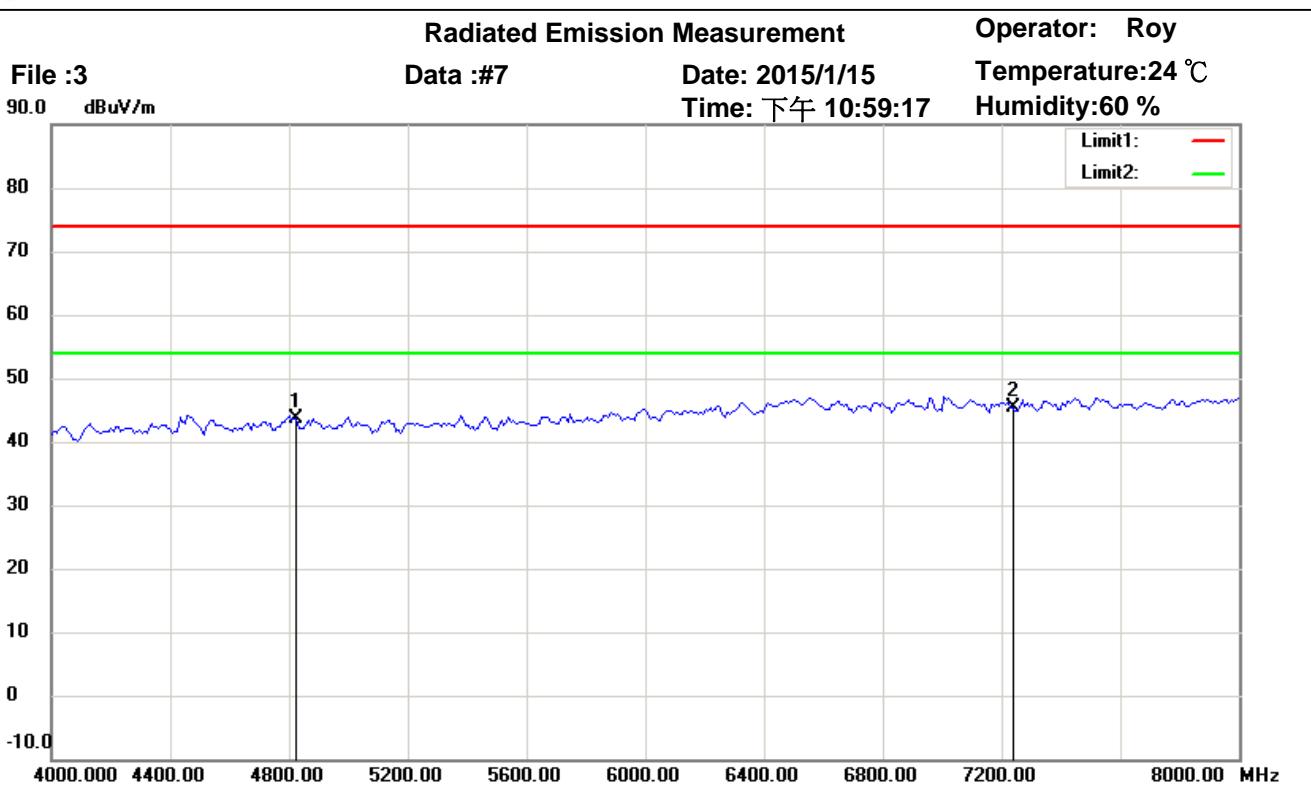
Test Mode : TX 802.11g CH1

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	43.63	peak	0.68	44.31	74.00	100	200	-29.69	
*	7236.000	40.94	peak	4.30	45.24	74.00	100	130	-28.76	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

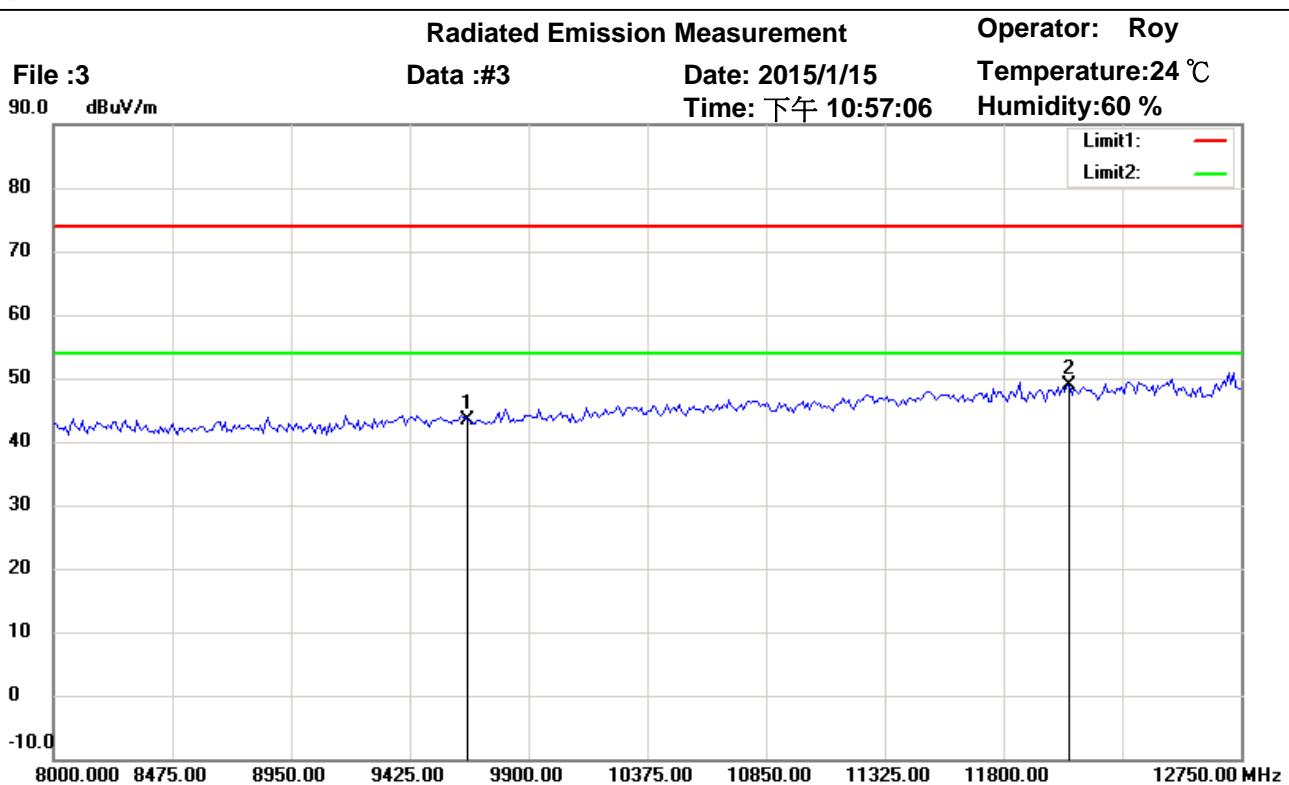
Test Mode : TX 802.11g CH1

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	42.94	peak	0.68	43.62	74.00	100	300	-30.38	
*	7236.000	41.17	peak	4.30	45.47	74.00	100	165	-28.53	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

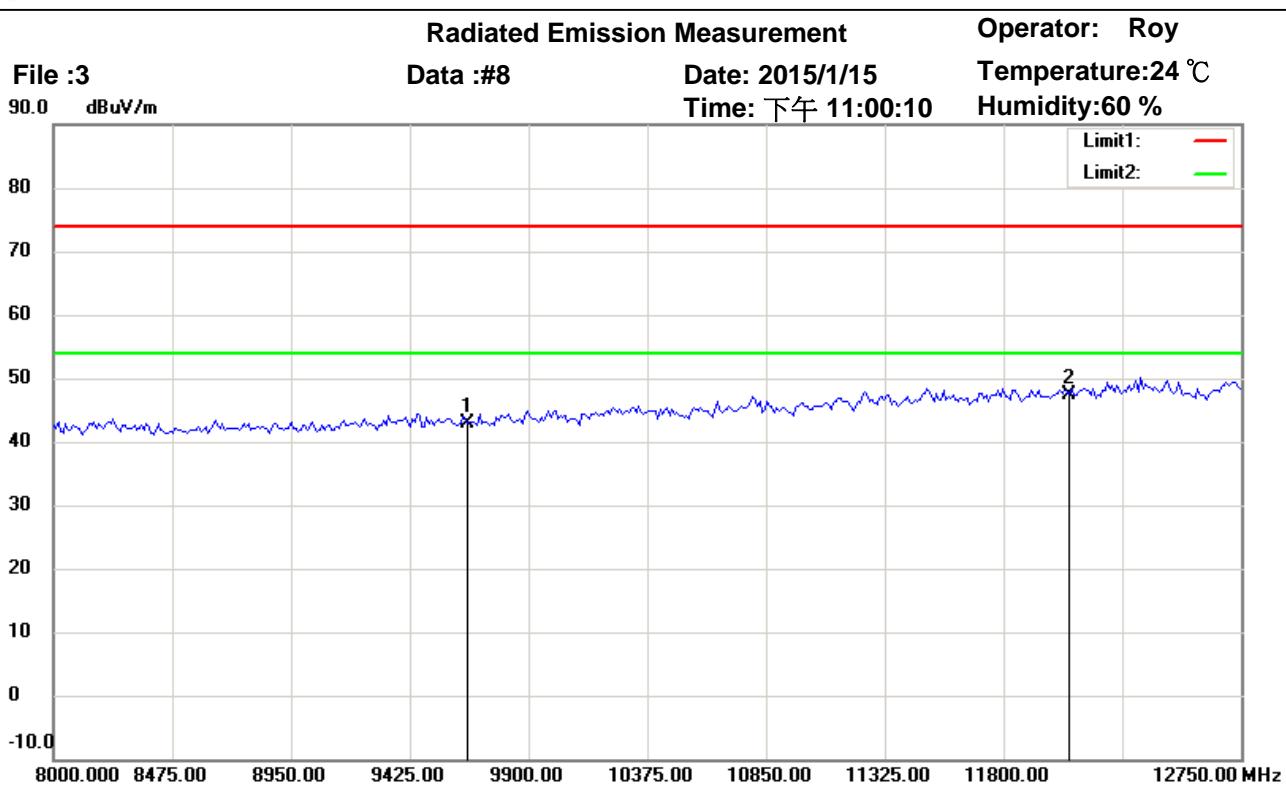
Test Mode : TX 802.11g CH1

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	35.91	peak	7.46	43.37	74.00	100	255	-30.63	
*	12060.000	35.65	peak	13.20	48.85	74.00	100	75	-25.15	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

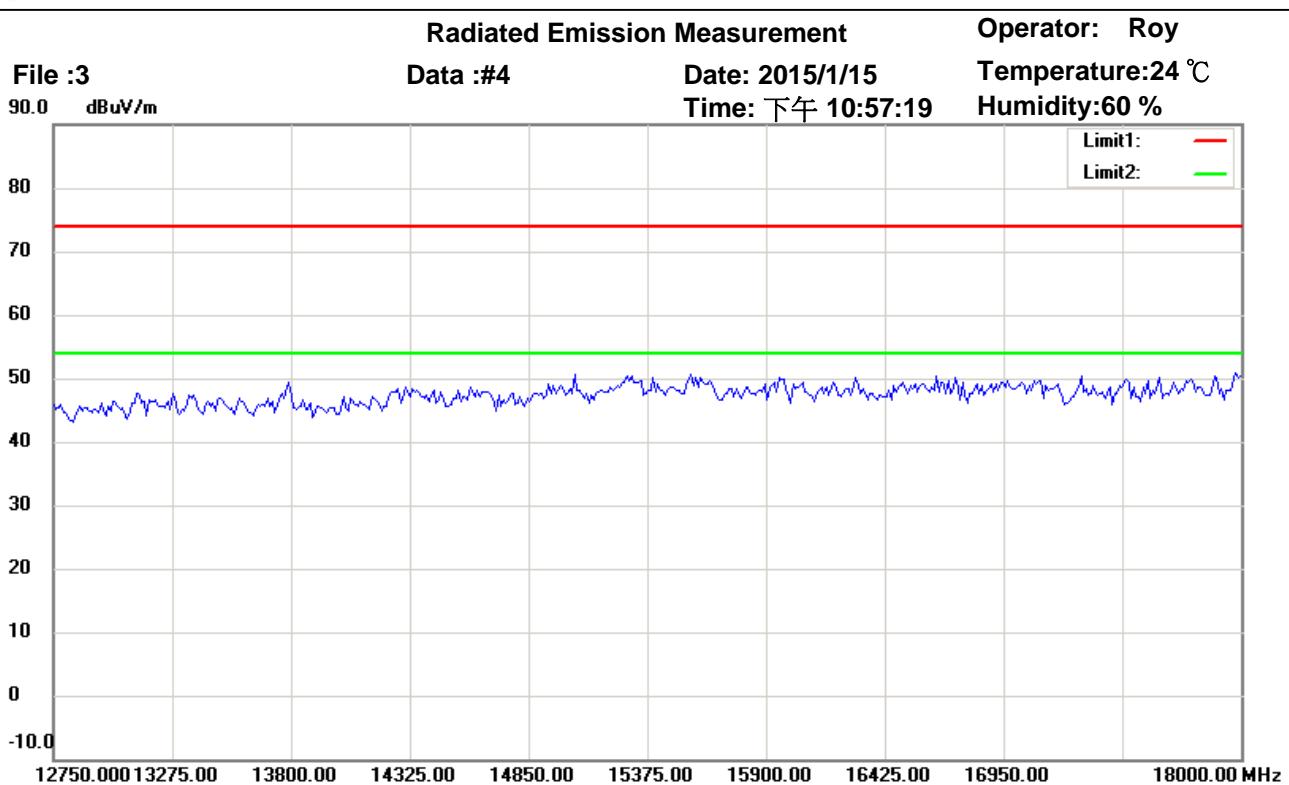
Test Mode : TX 802.11g CH1

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	35.52	peak	7.46	42.98	74.00	100	245	-31.02	
*	12060.000	34.27	peak	13.20	47.47	74.00	100	95	-26.53	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

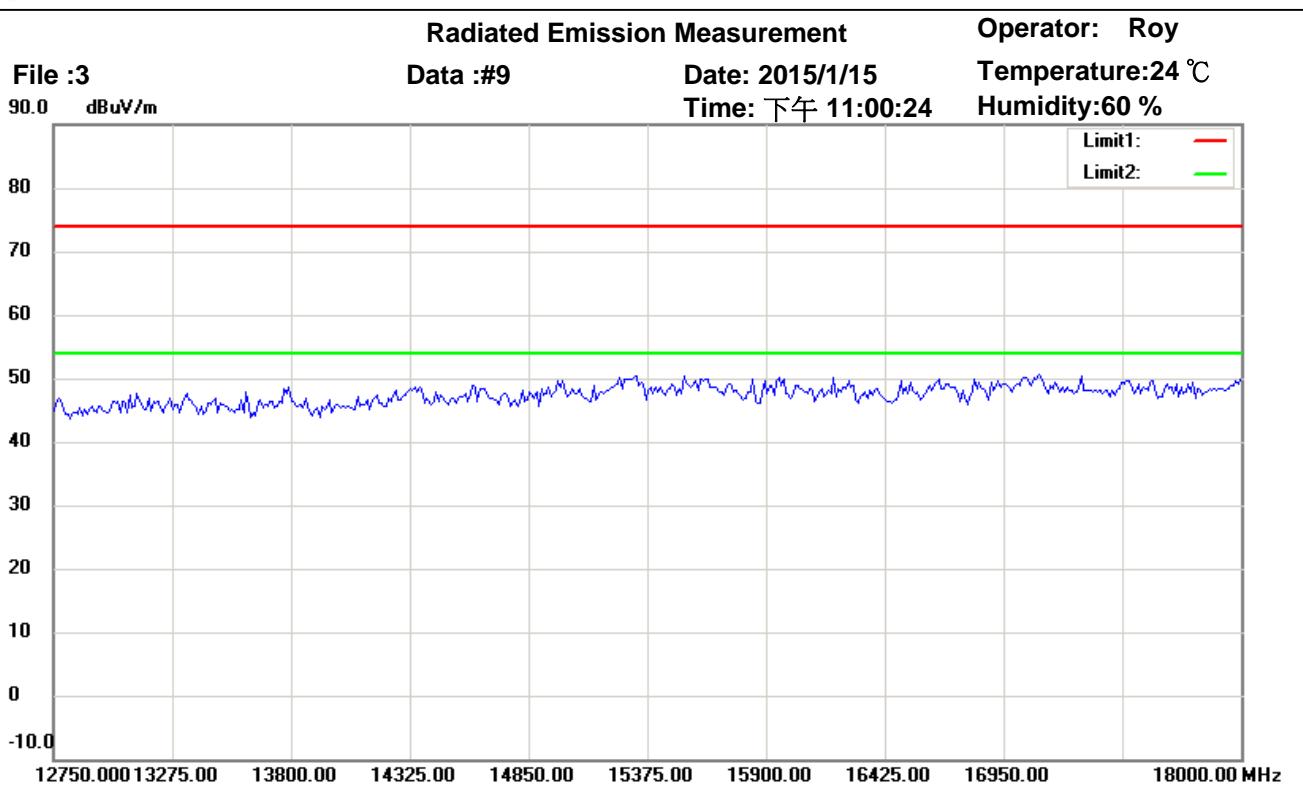
Test Mode : TX 802.11g CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

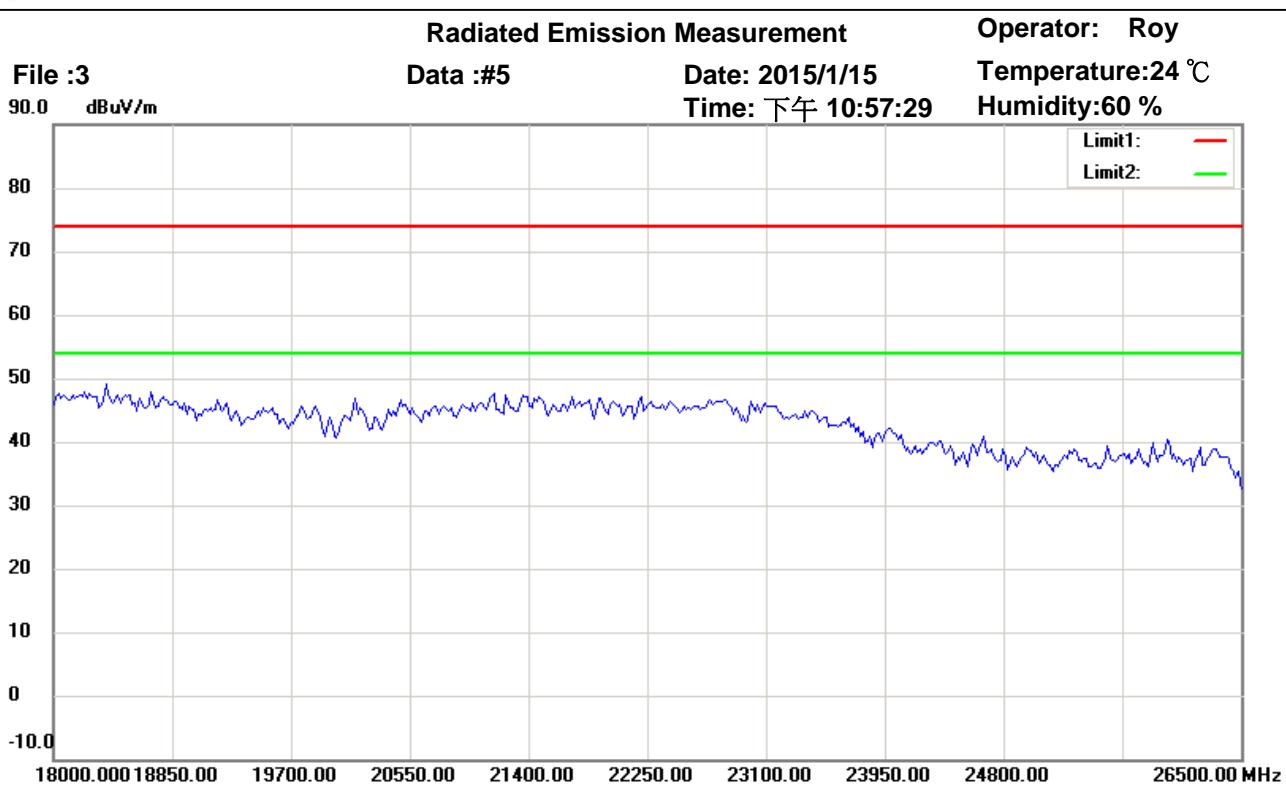
Test Mode : TX 802.11g CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

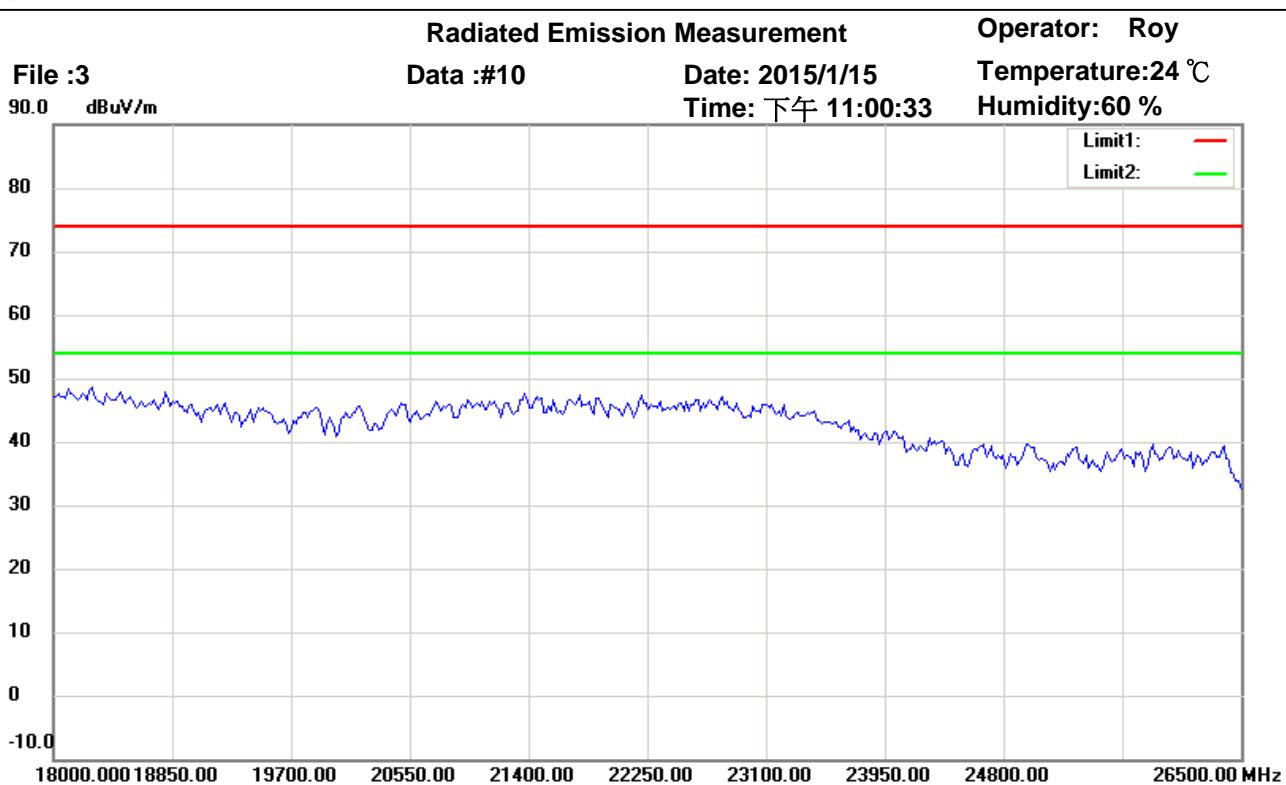
Test Mode : TX 802.11g CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

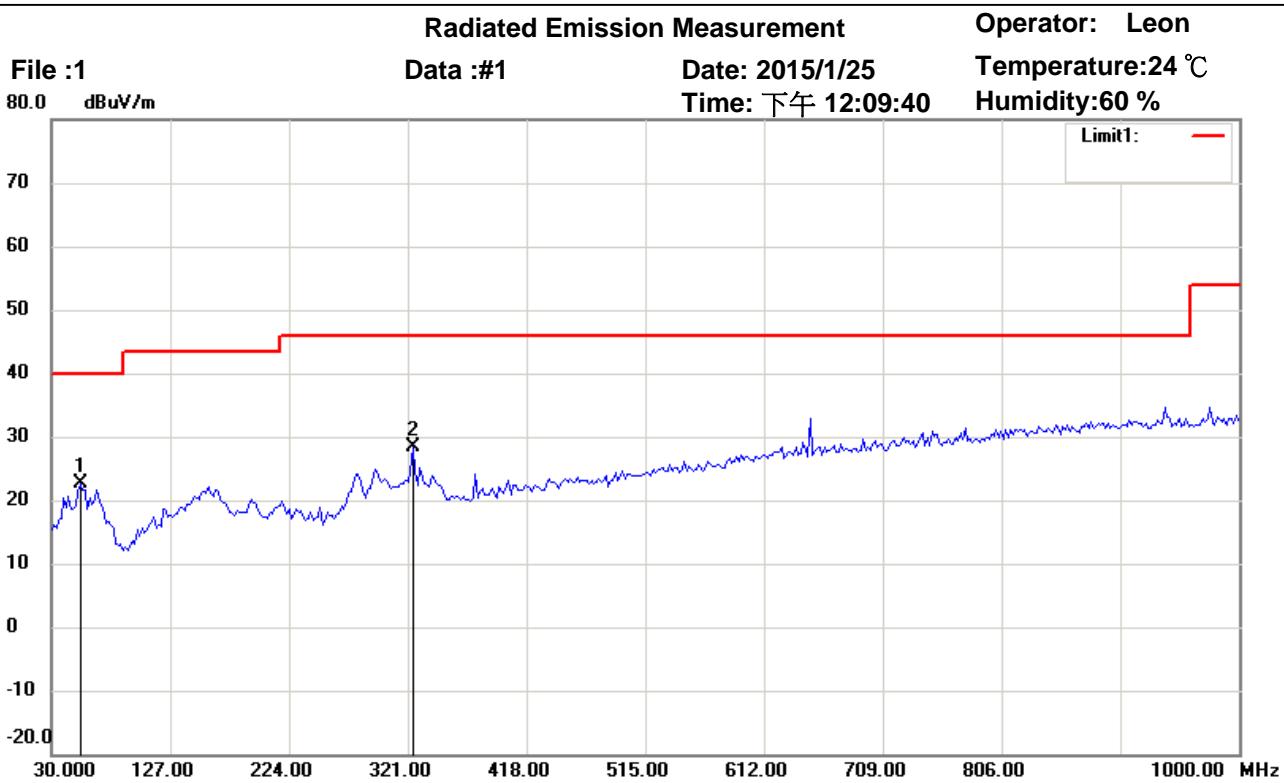
Test Mode : TX 802.11g CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

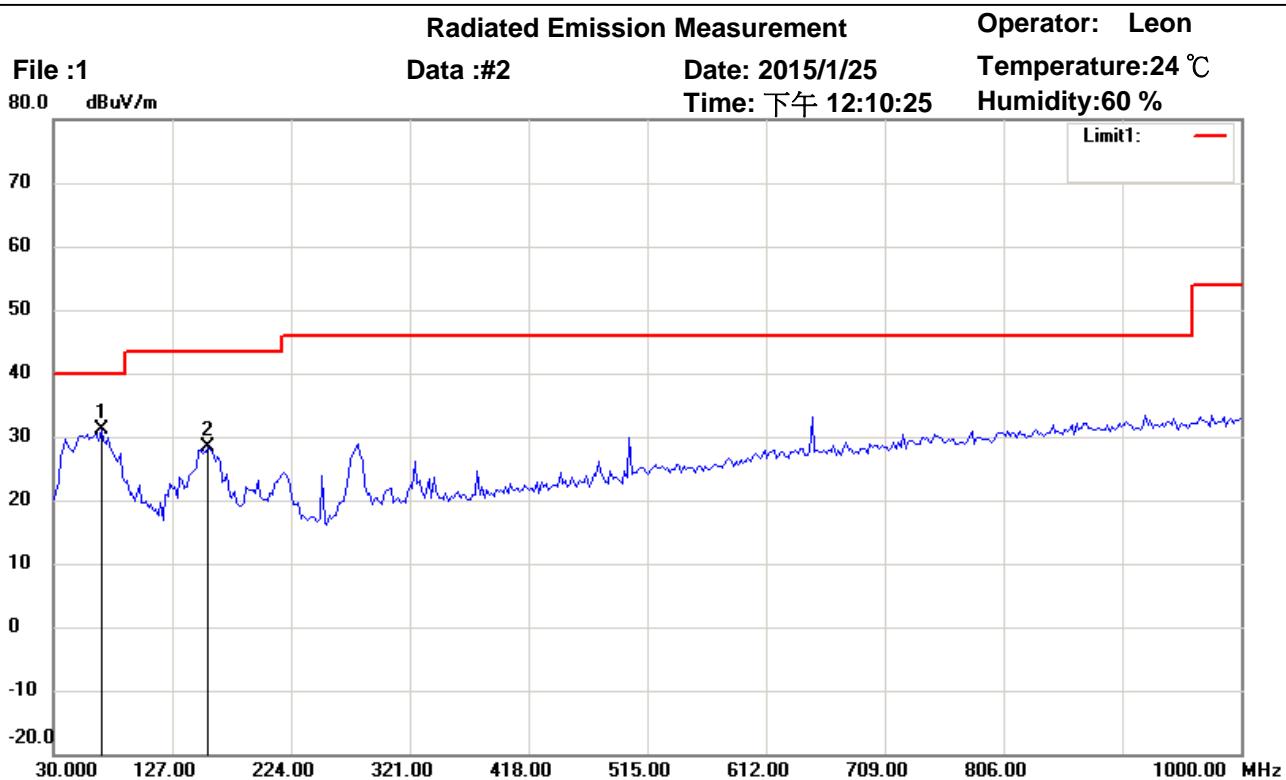
Test Mode : TX 802.11g CH6

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
*	53.3267	8.48	peak	14.12	22.60	40.00	100	210	-17.40	
	325.4708	11.71	peak	16.73	28.44	46.00	100	175	-17.56	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

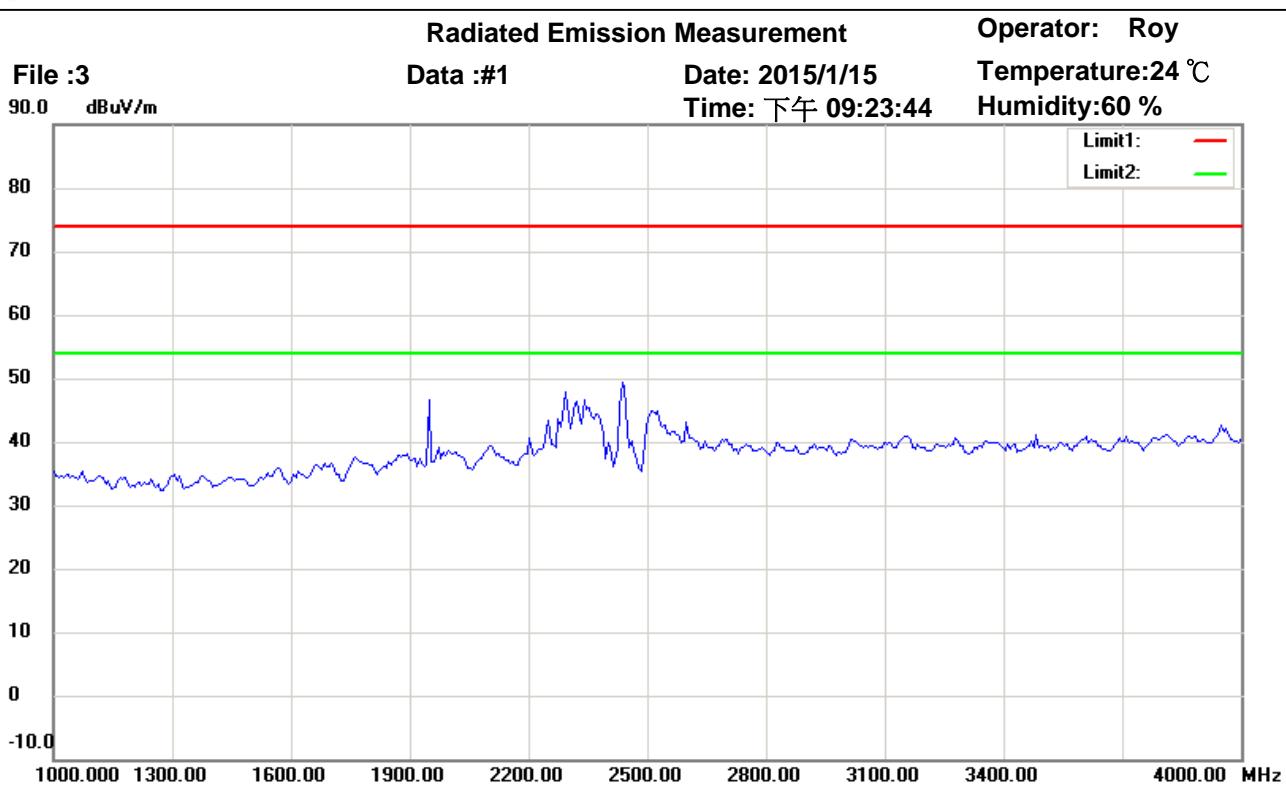
Test Mode : TX 802.11g CH6

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
*	68.8777	19.11	peak	12.04	31.15	40.00	100	95	-8.85	
	156.3527	12.95	peak	15.49	28.44	43.50	100	140	-15.06	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

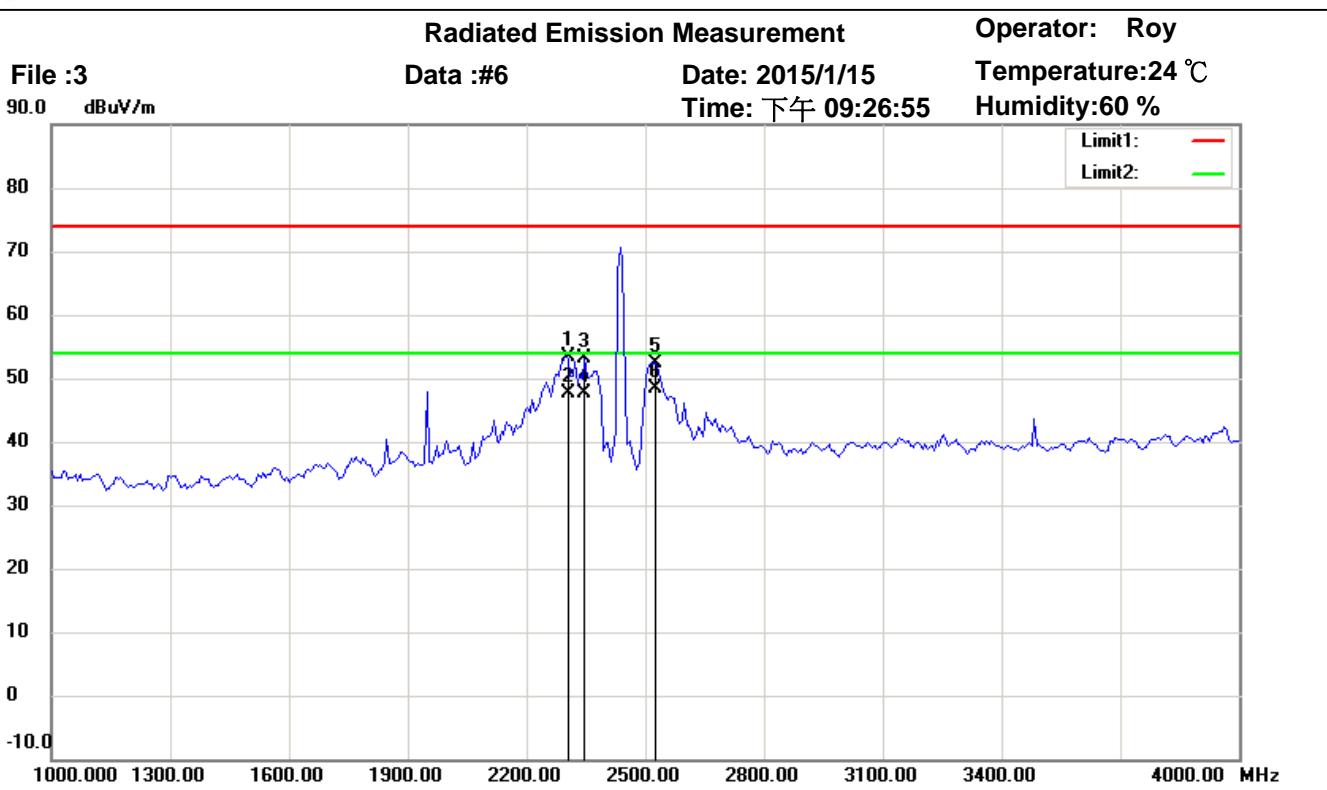
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

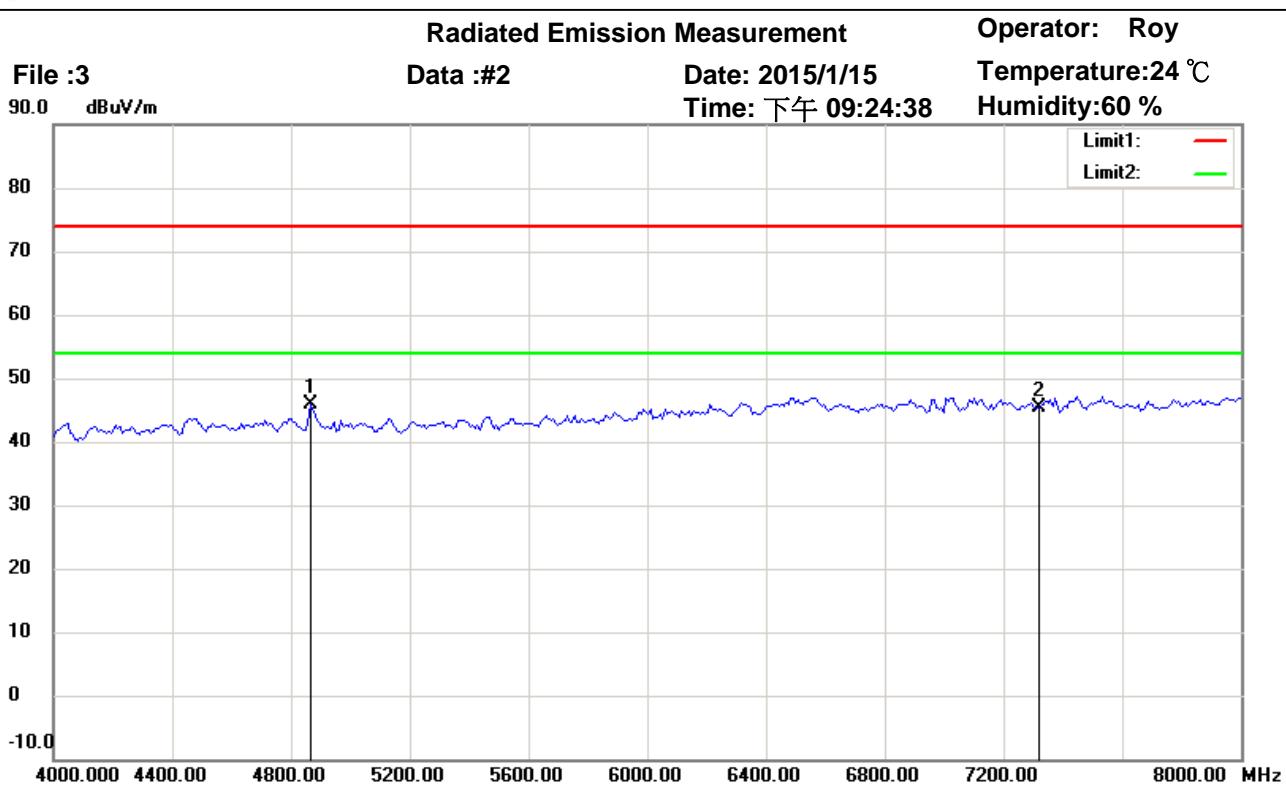
Test Mode : TX 802.11g CH6

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
	2302.104	58.64	peak	-5.17	53.47	74.00	100	85	-20.53	
	2302.104	52.72	AVG	-5.17	47.55	54.00	100	85	-6.45	
	2346.693	58.04	peak	-4.96	53.08	74.00	100	280	-20.92	
	2346.693	52.48	AVG	-4.96	47.52	54.00	100	280	-6.48	
*	2523.747	56.90	peak	-4.49	52.41	74.00	100	178	-21.59	
*	2523.747	52.84	AVG	-4.49	48.35	54.00	100	178	-5.65	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

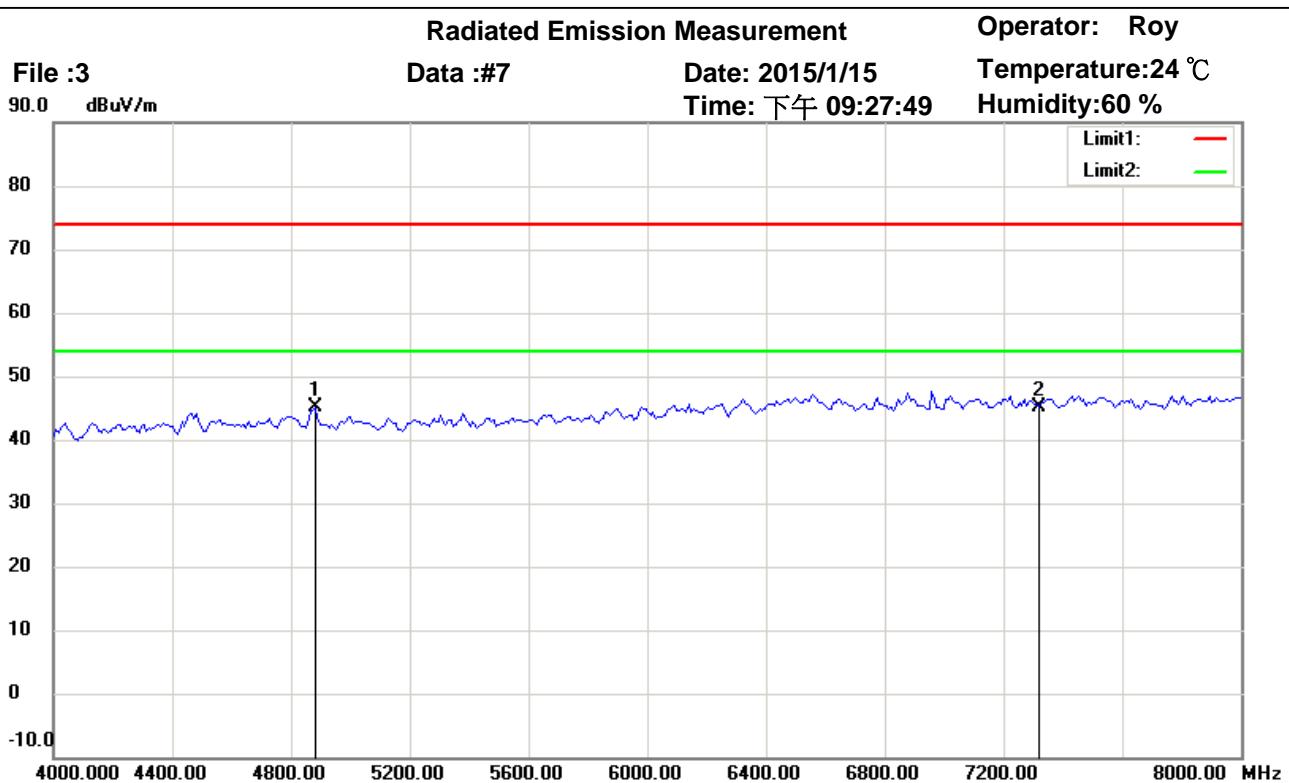
Test Mode : TX 802.11g CH6

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
*	4865.731	45.22	peak	0.73	45.95	74.00	100	220	-28.05	
	7311.000	40.88	peak	4.39	45.27	74.00	100	135	-28.73	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

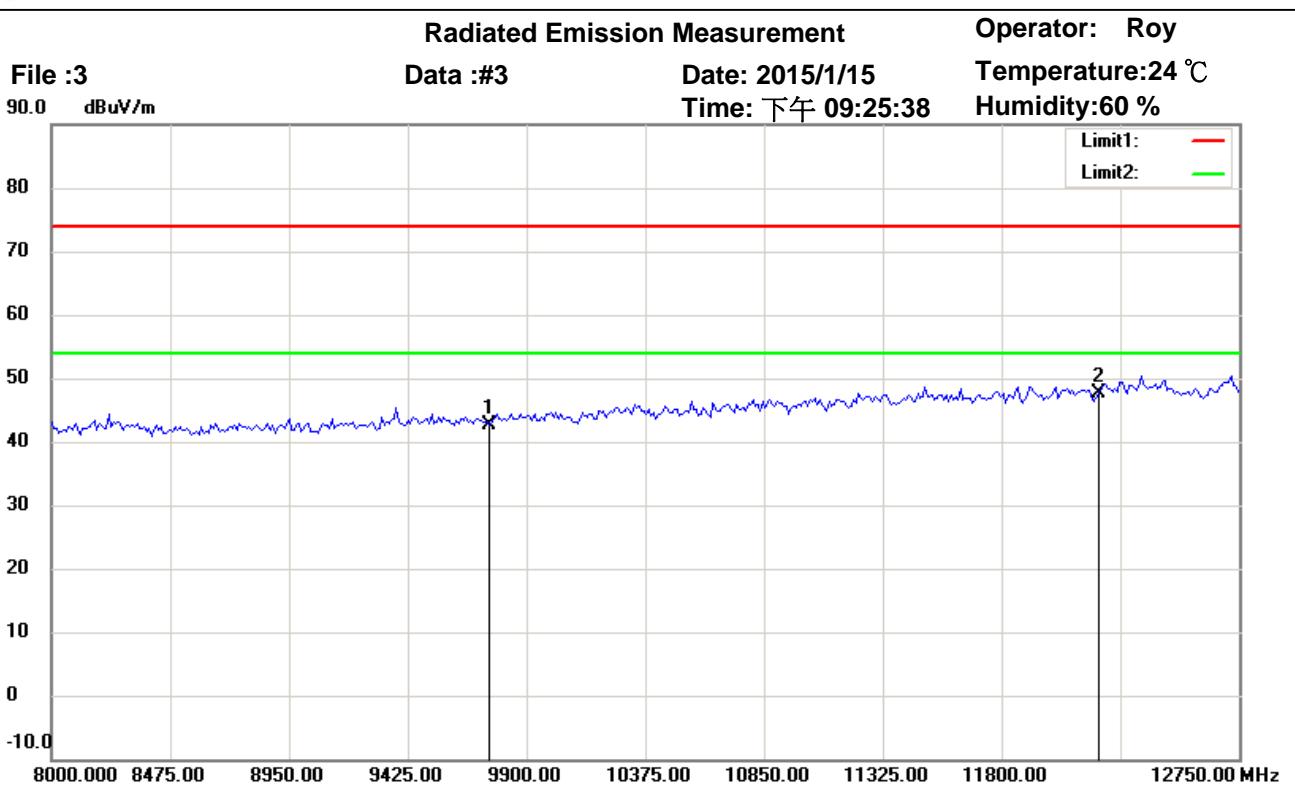
Test Mode : TX 802.11g CH6

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	44.32	peak	0.73	45.05	74.00	100	145	-28.95	
*	7311.000	40.83	peak	4.39	45.22	74.00	100	70	-28.78	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

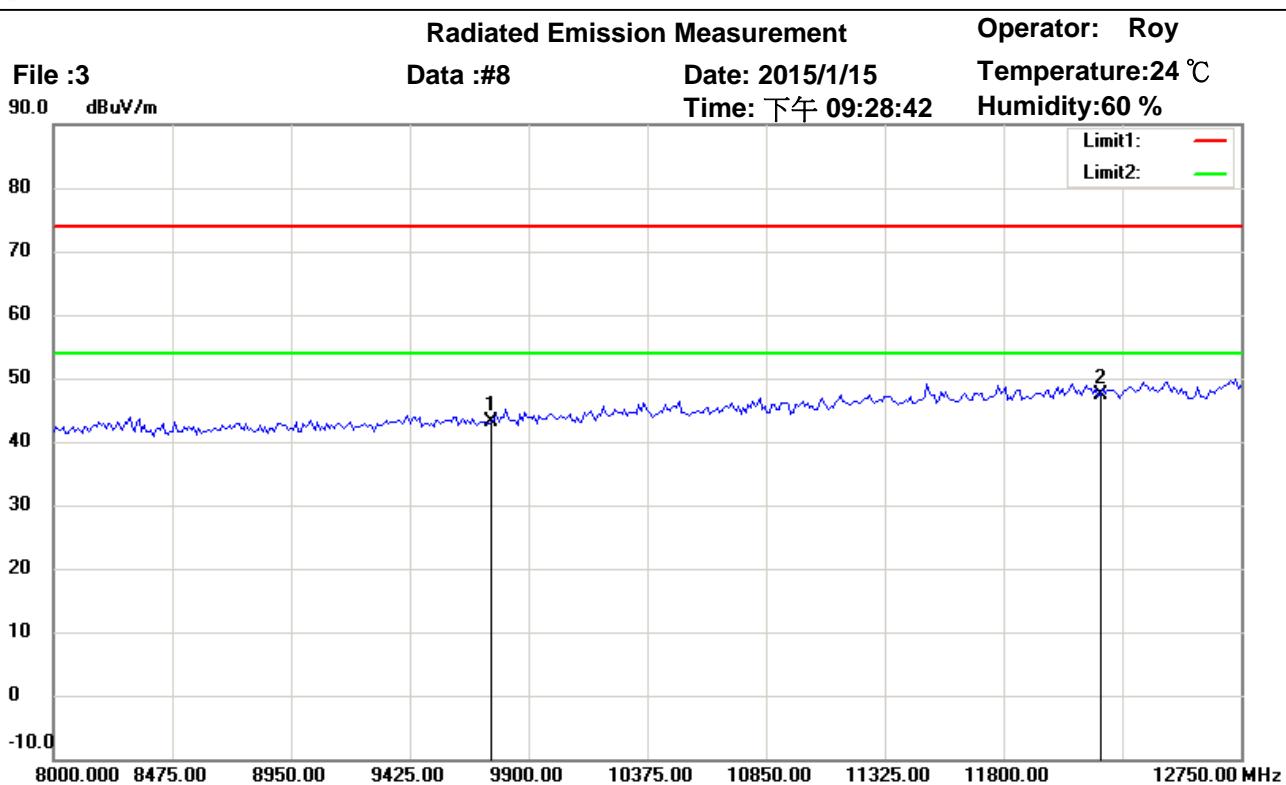
Test Mode : TX 802.11g CH6

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	35.08	peak	7.58	42.66	74.00	100	305	-31.34	
*	12185.000	33.96	peak	13.77	47.73	74.00	100	80	-26.27	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

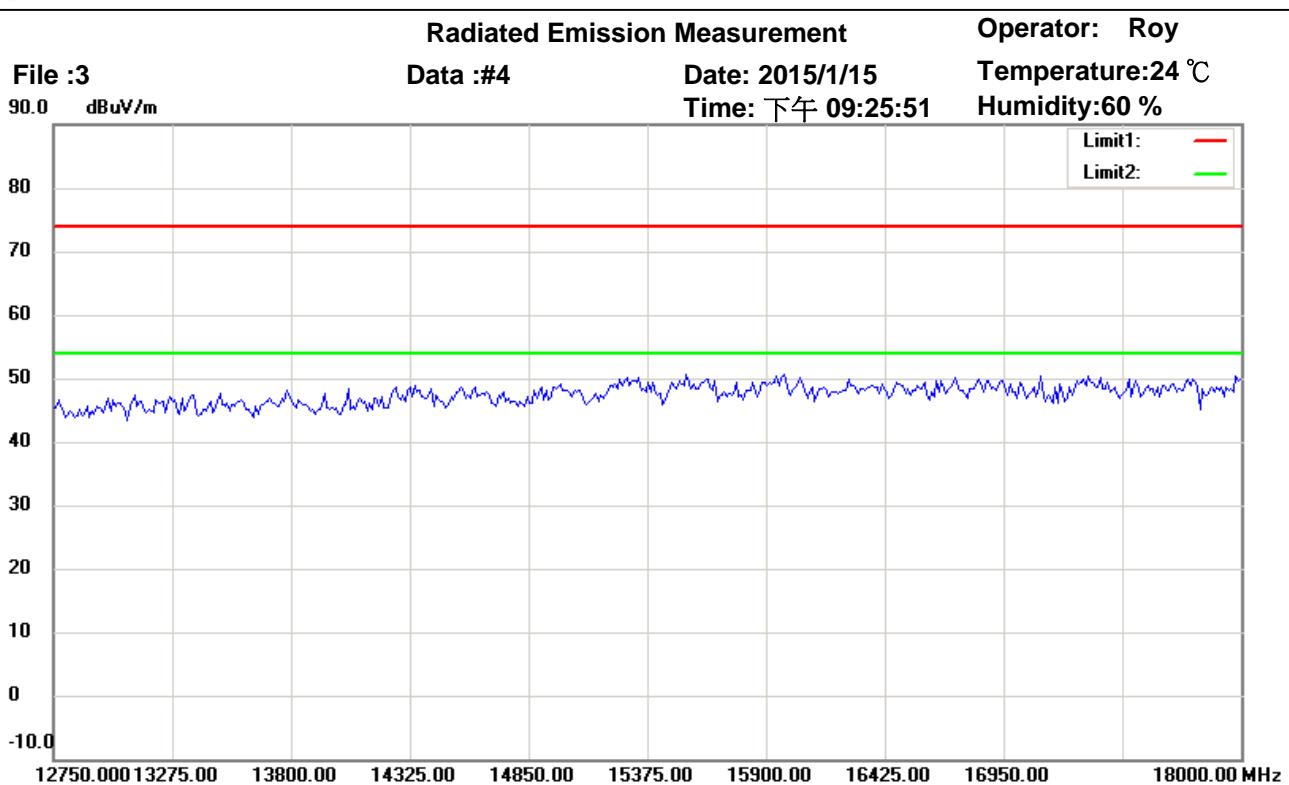
Test Mode : TX 802.11g CH6

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	35.43	peak	7.58	43.01	74.00	100	80	-30.99	
*	12185.000	33.70	peak	13.77	47.47	74.00	100	225	-26.53	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

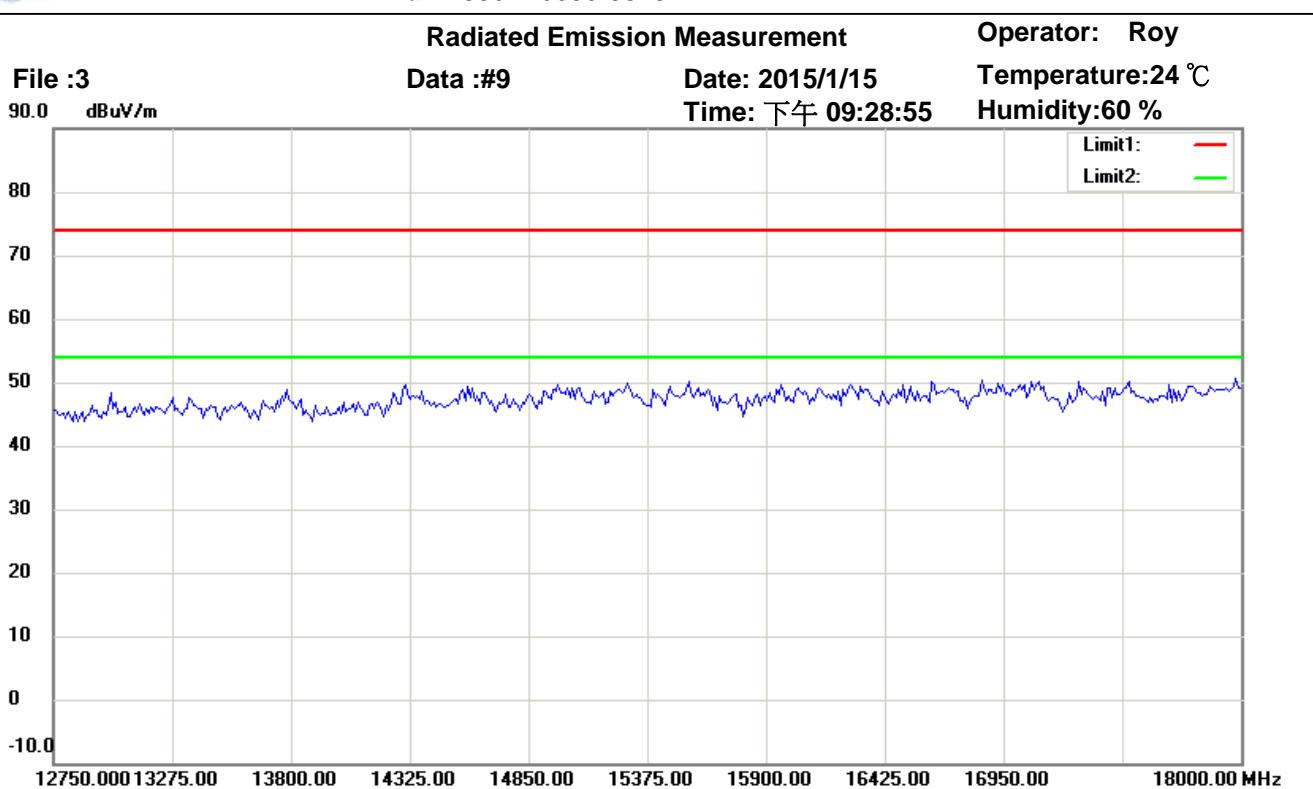
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

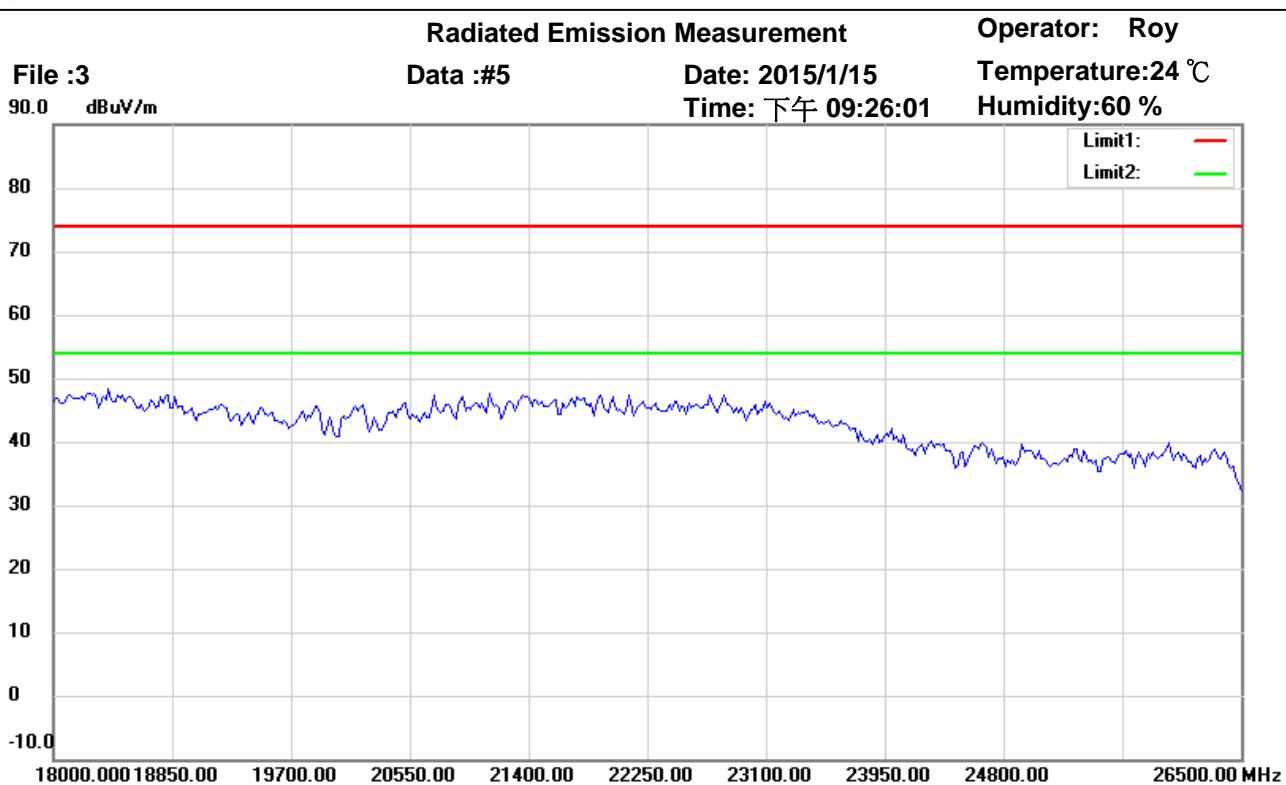
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

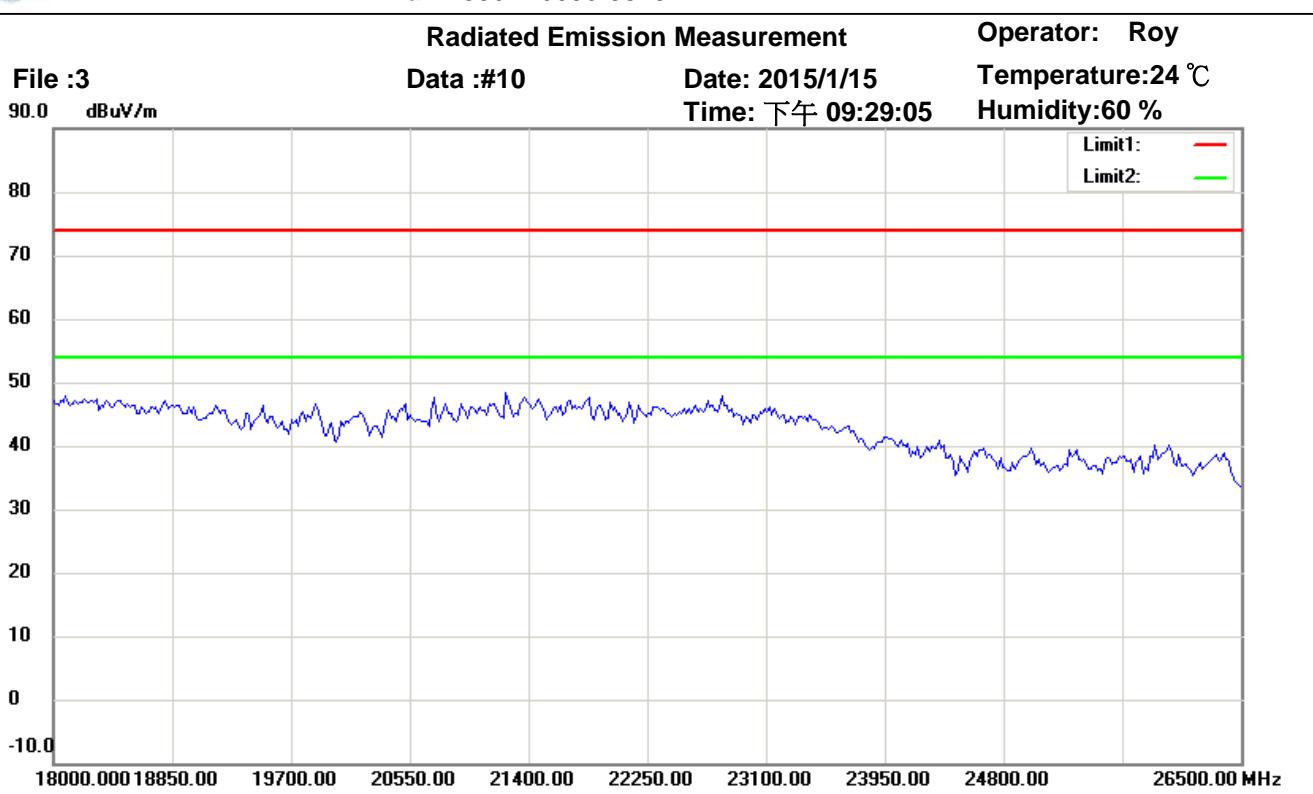
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

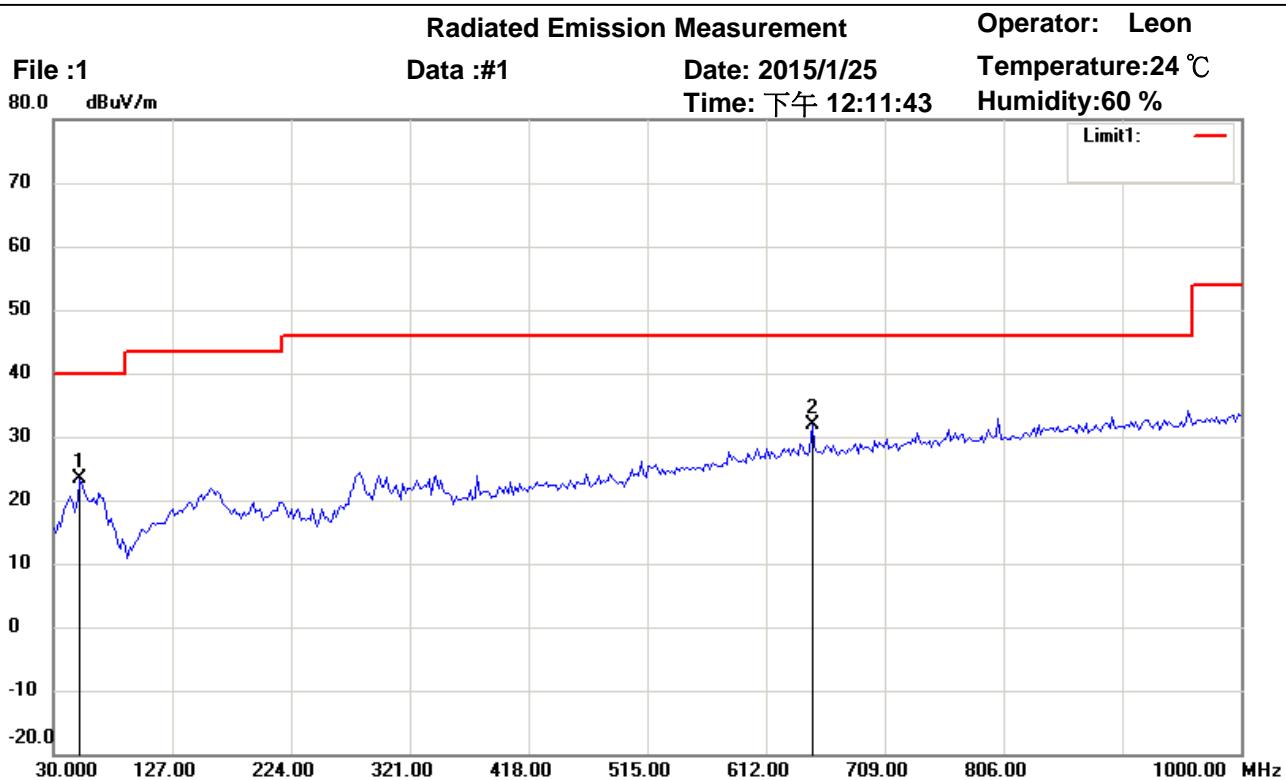
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

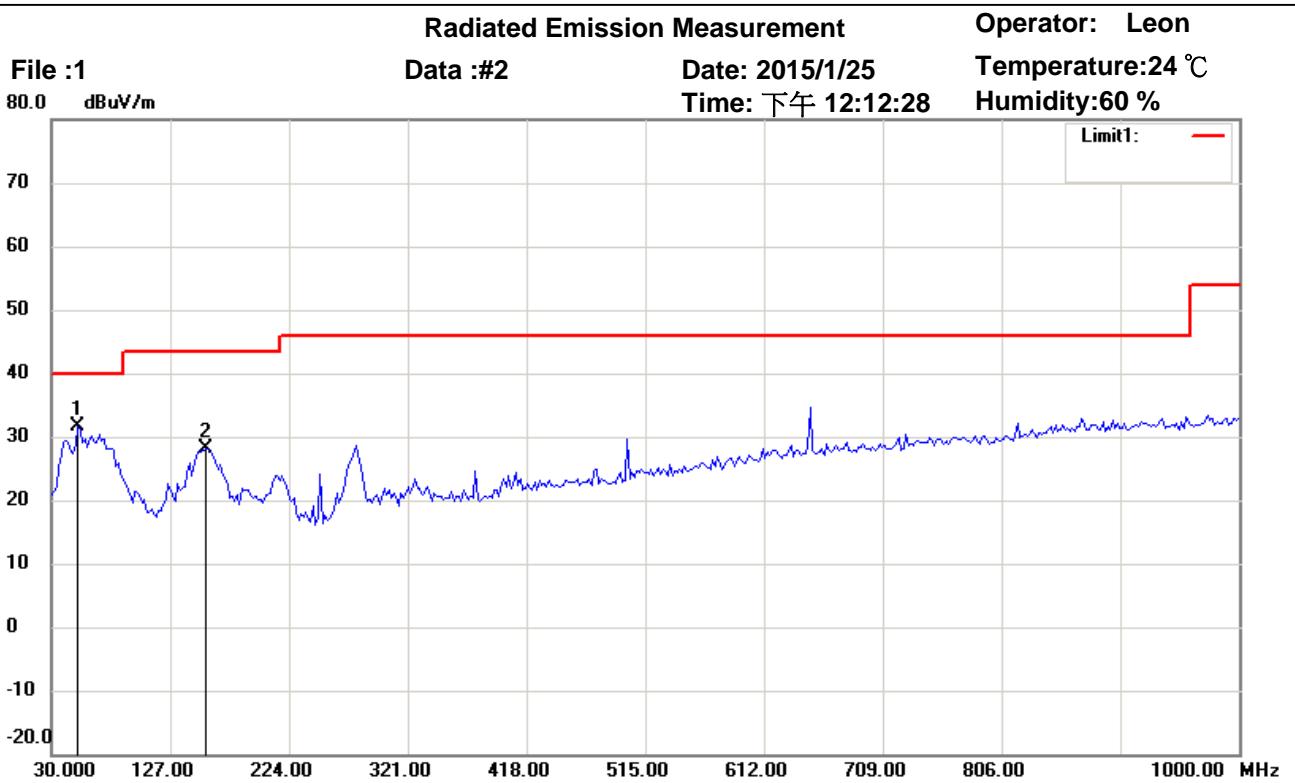
Test Mode : TX 802.11g CH11

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
	51.3828	9.04	peak	14.41	23.45	40.00	100	125	-16.55	
*	650.1001	7.34	peak	24.56	31.90	46.00	100	170	-14.10	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

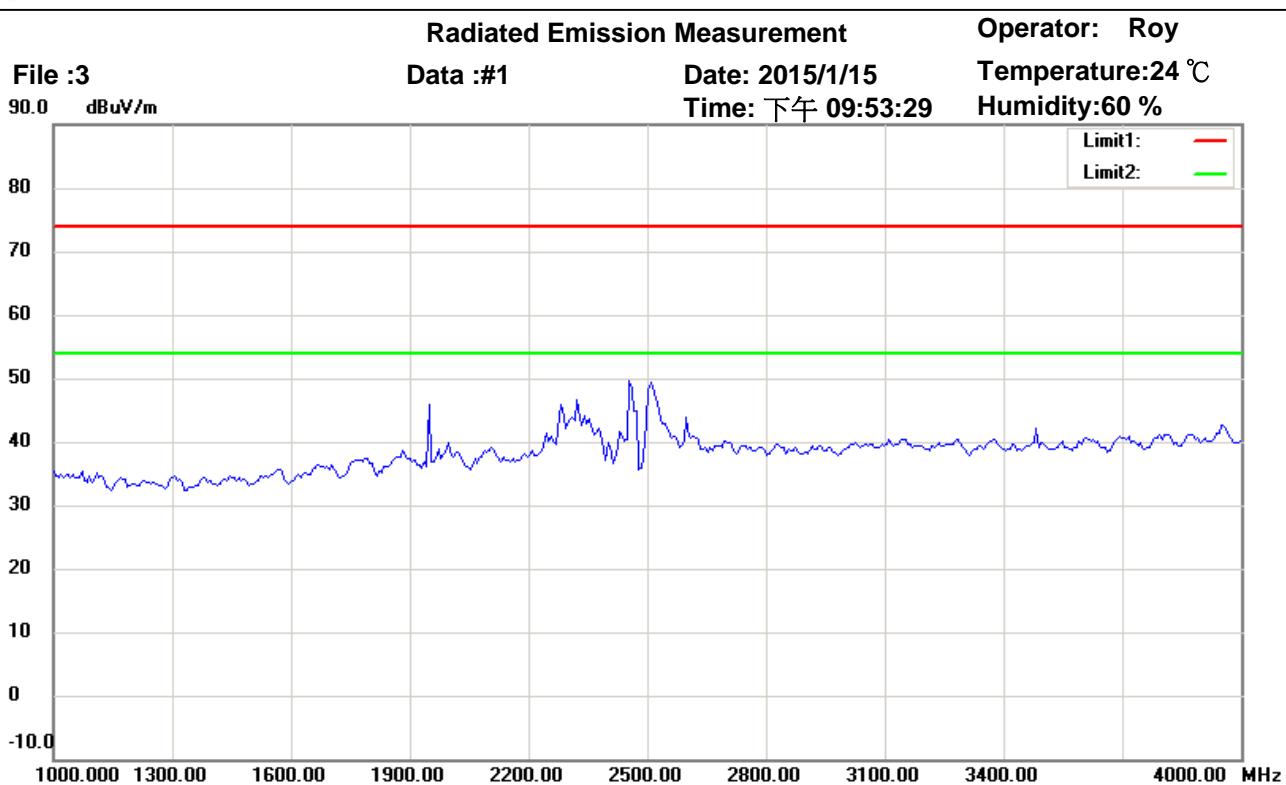
Test Mode : TX 802.11g CH11

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
*	51.3828	17.17	peak	14.41	31.58	40.00	100	85	-8.42	
	156.3527	12.52	peak	15.49	28.01	43.50	100	130	-15.49	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

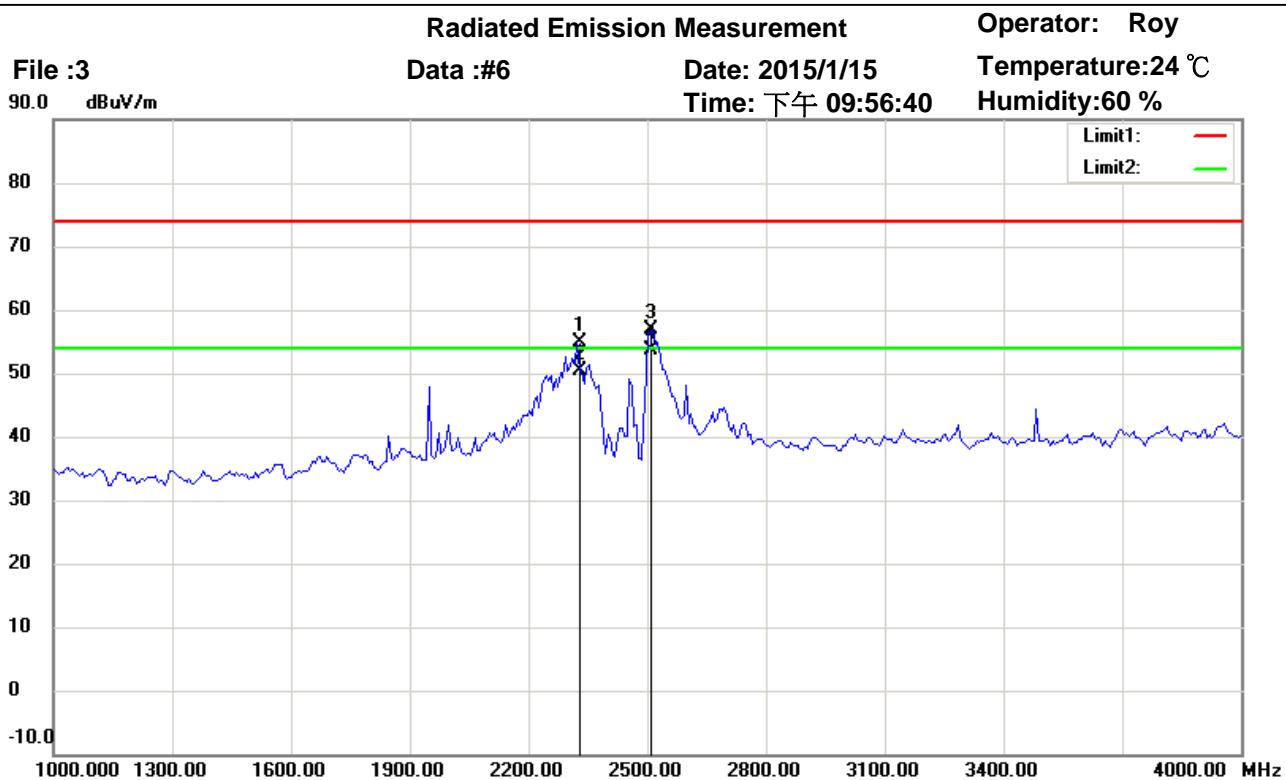
Test Mode : TX 802.11g CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

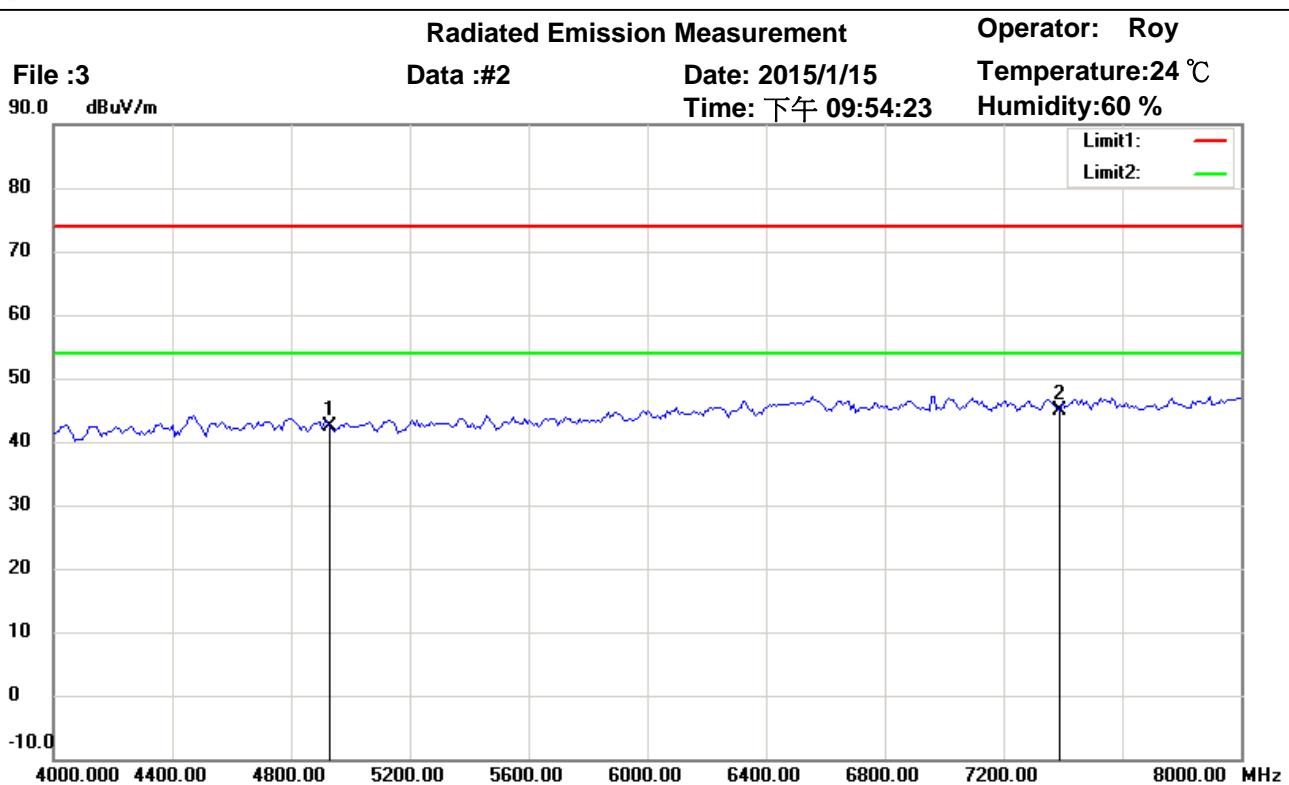
Test Mode : TX 802.11g CH11

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
	2325.102	60.01	peak	-5.06	54.95	74.00	100	135	-19.05	
	2325.102	55.42	AVG	-5.06	50.36	54.00	100	135	-3.64	
	2507.435	61.50	peak	-4.55	56.95	74.00	100	125	-17.05	
*	2507.435	58.17	AVG	-4.55	53.62	54.00	100	125	-0.38	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

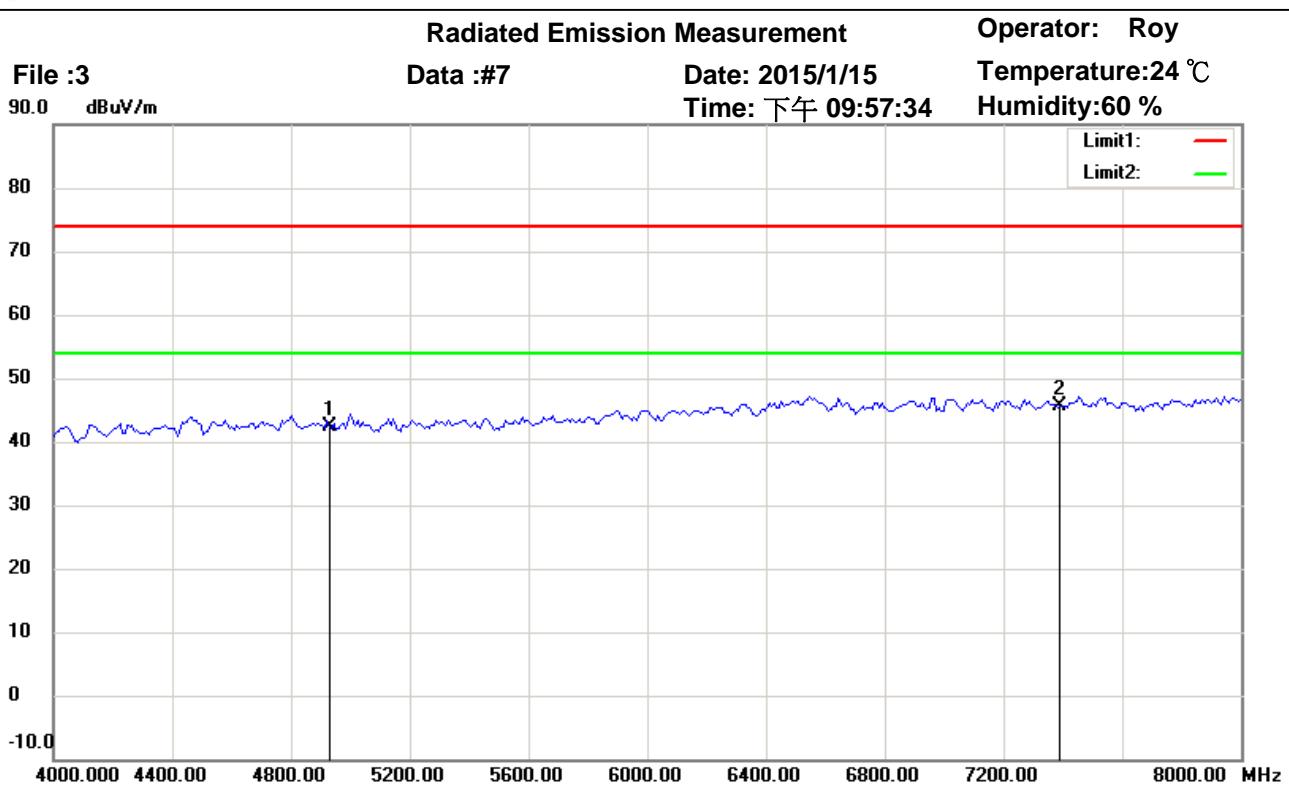
Test Mode : TX 802.11g CH11

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	41.66	peak	0.81	42.47	74.00	100	210	-31.53	
*	7386.000	40.15	peak	4.71	44.86	74.00	100	90	-29.14	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

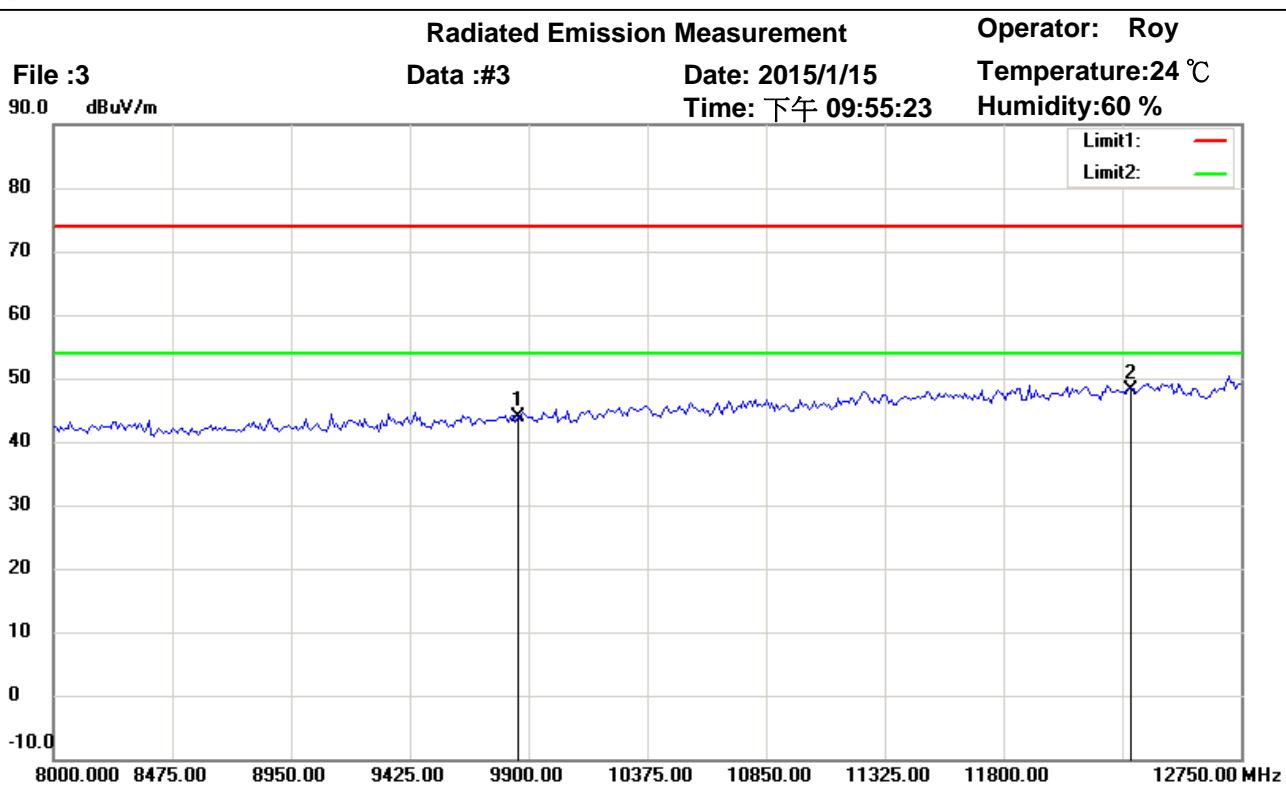
Test Mode : TX 802.11g CH11

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	41.65	peak	0.81	42.46	74.00	100	315	-31.54	
*	7386.000	40.83	peak	4.71	45.54	74.00	100	260	-28.46	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

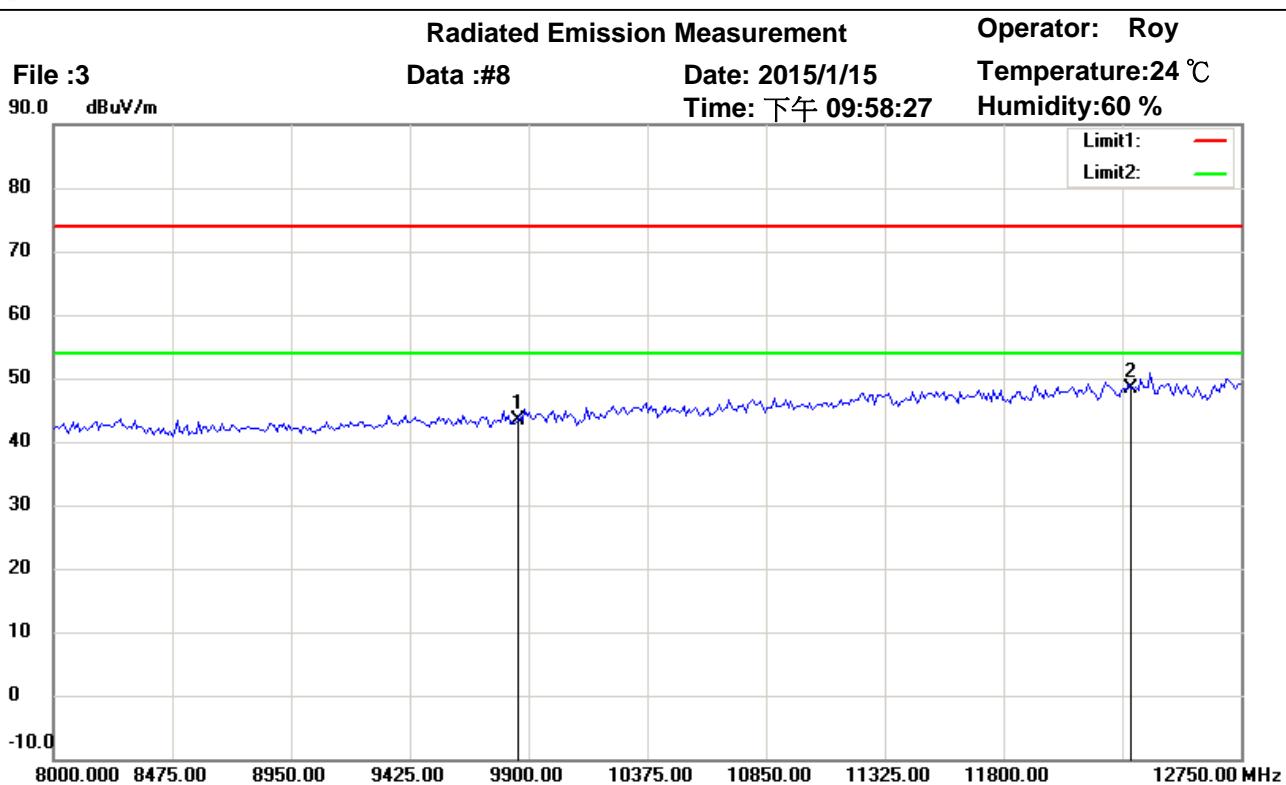
Test Mode : TX 802.11g CH11

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	35.88	peak	7.96	43.84	74.00	100	255	-30.16	
*	12310.000	34.58	peak	13.60	48.18	74.00	100	170	-25.82	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

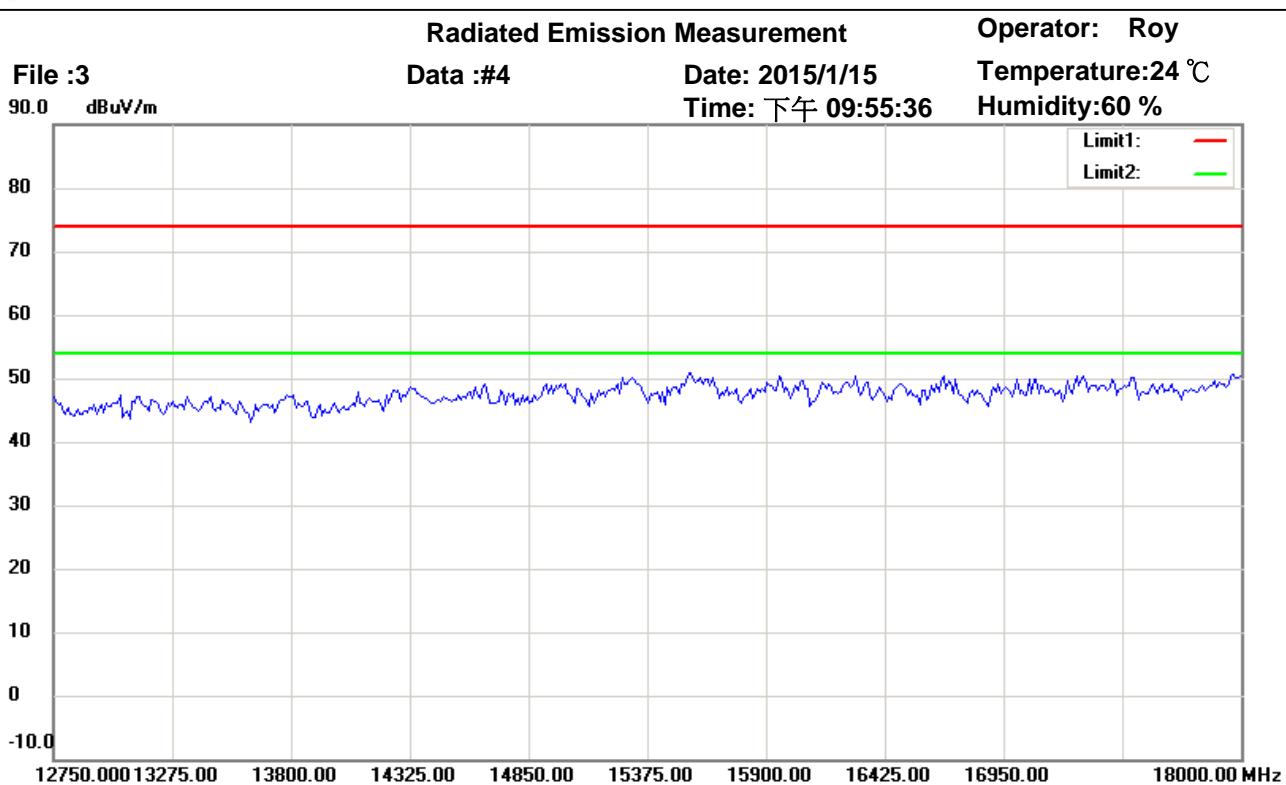
Test Mode : TX 802.11g CH11

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	35.43	peak	7.96	43.39	74.00	100	280	-30.61	
*	12310.000	34.73	peak	13.60	48.33	74.00	100	195	-25.67	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

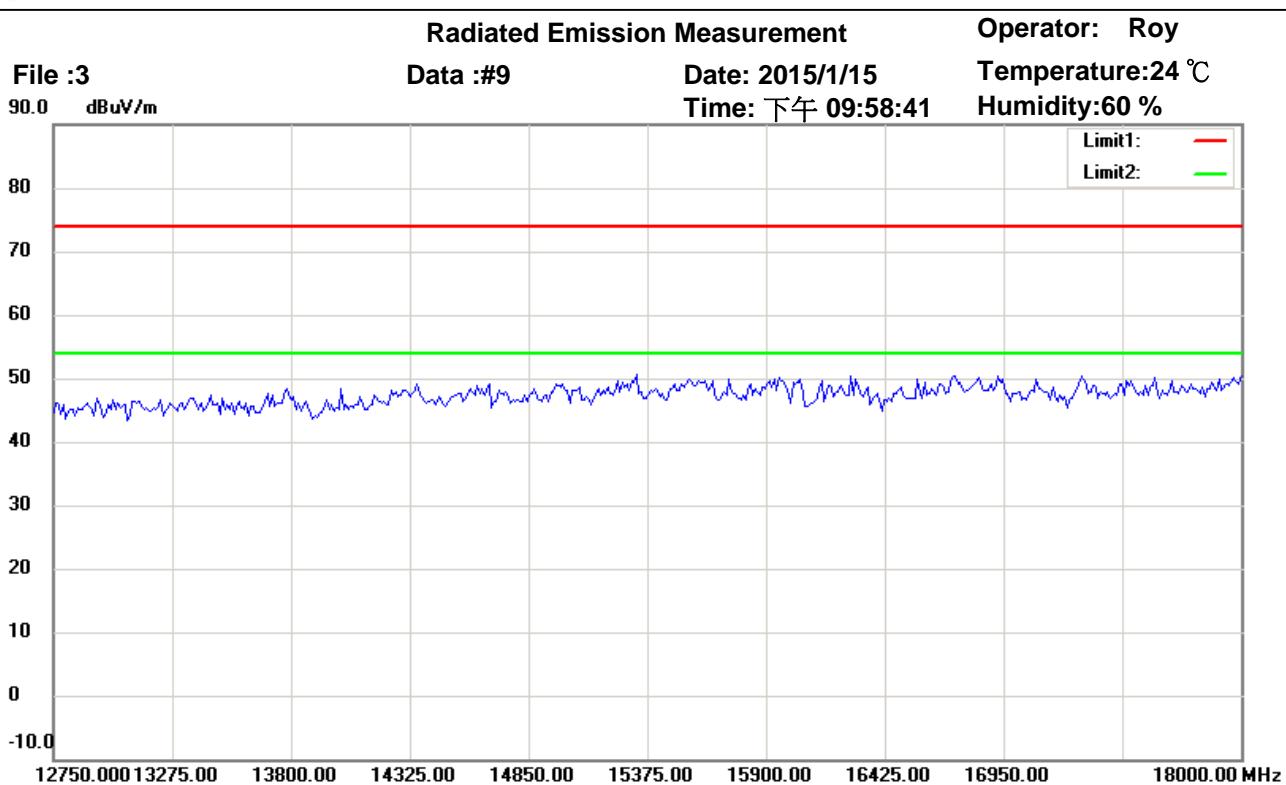
Test Mode : TX 802.11g CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

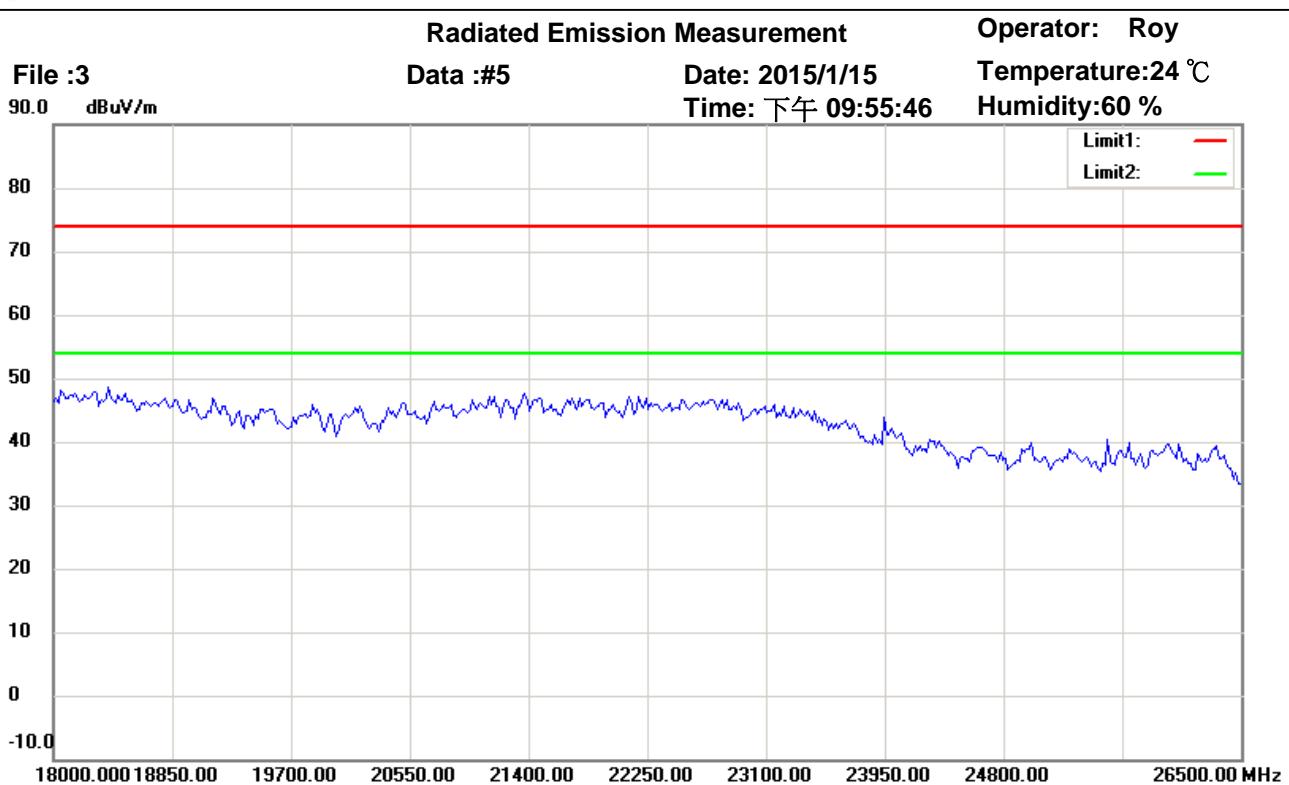
Test Mode : TX 802.11g CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

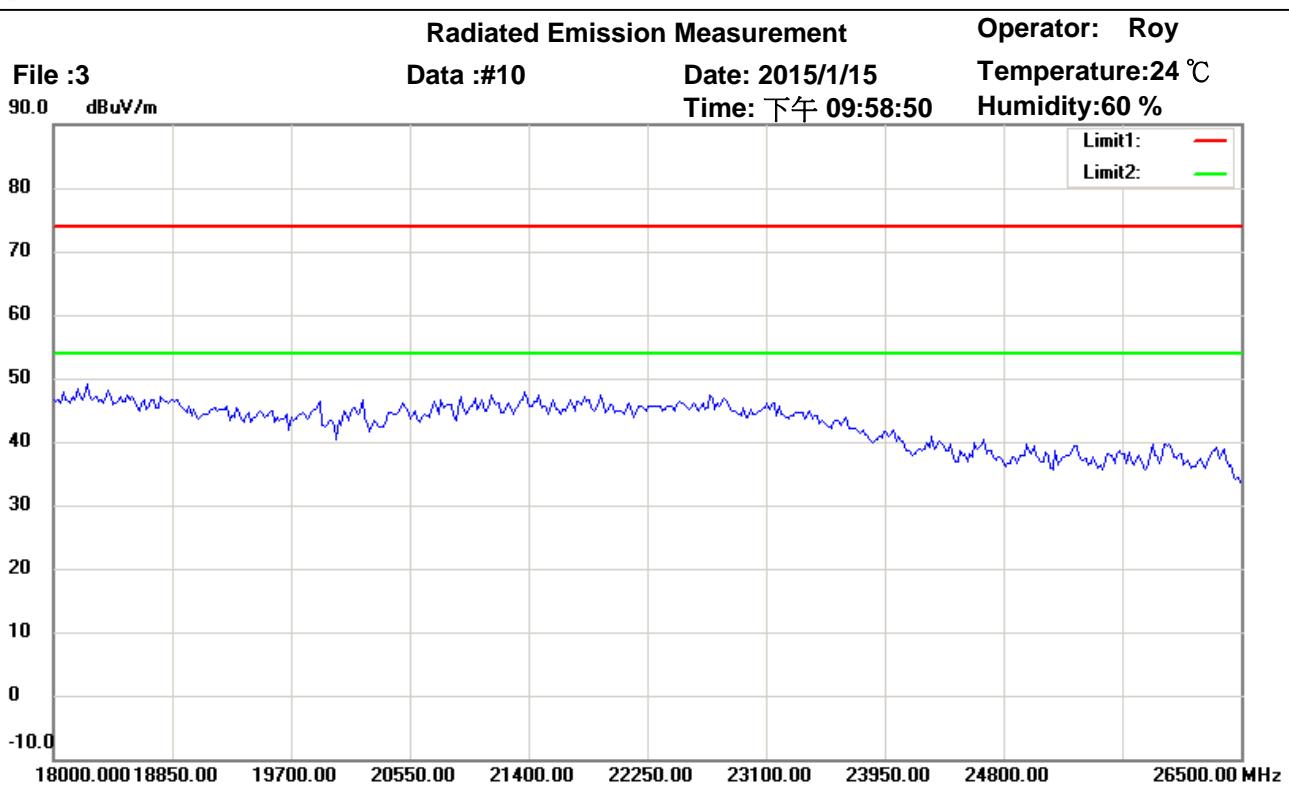
Test Mode : TX 802.11g CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

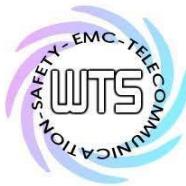
M/N:

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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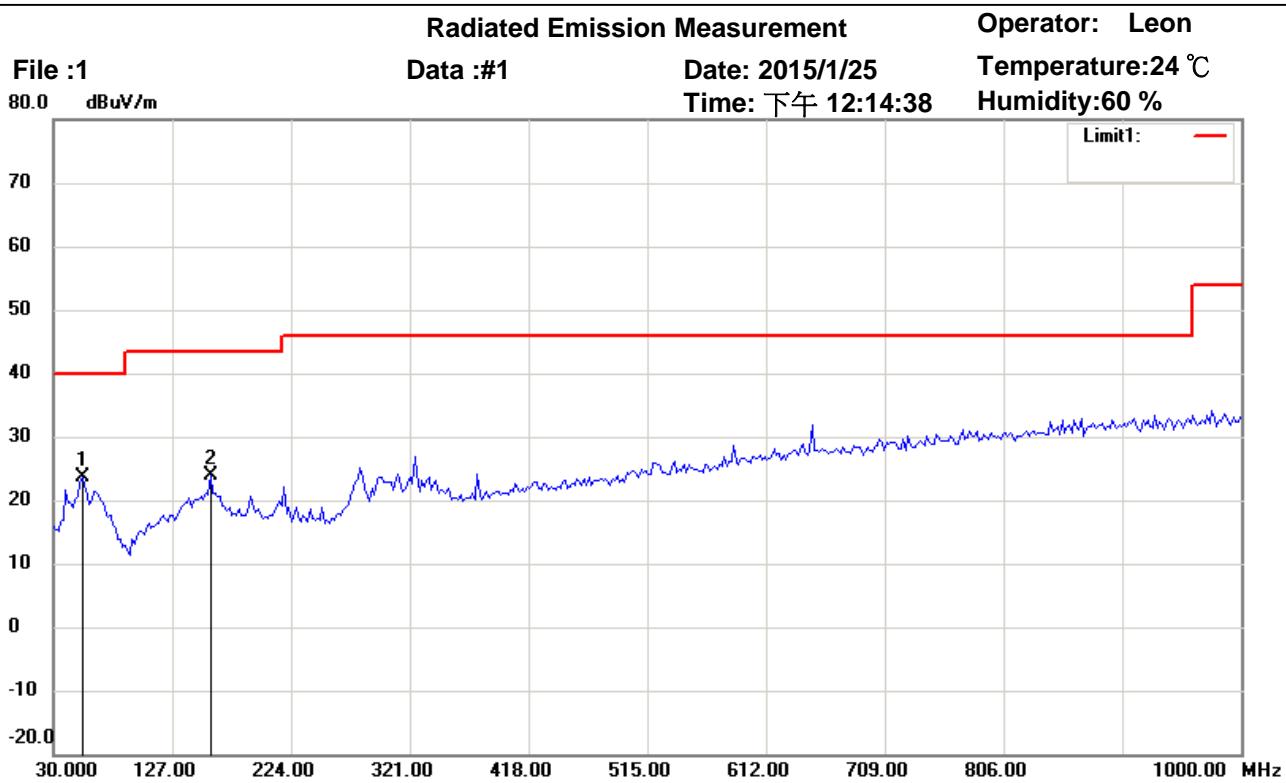
Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A

ANT1



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

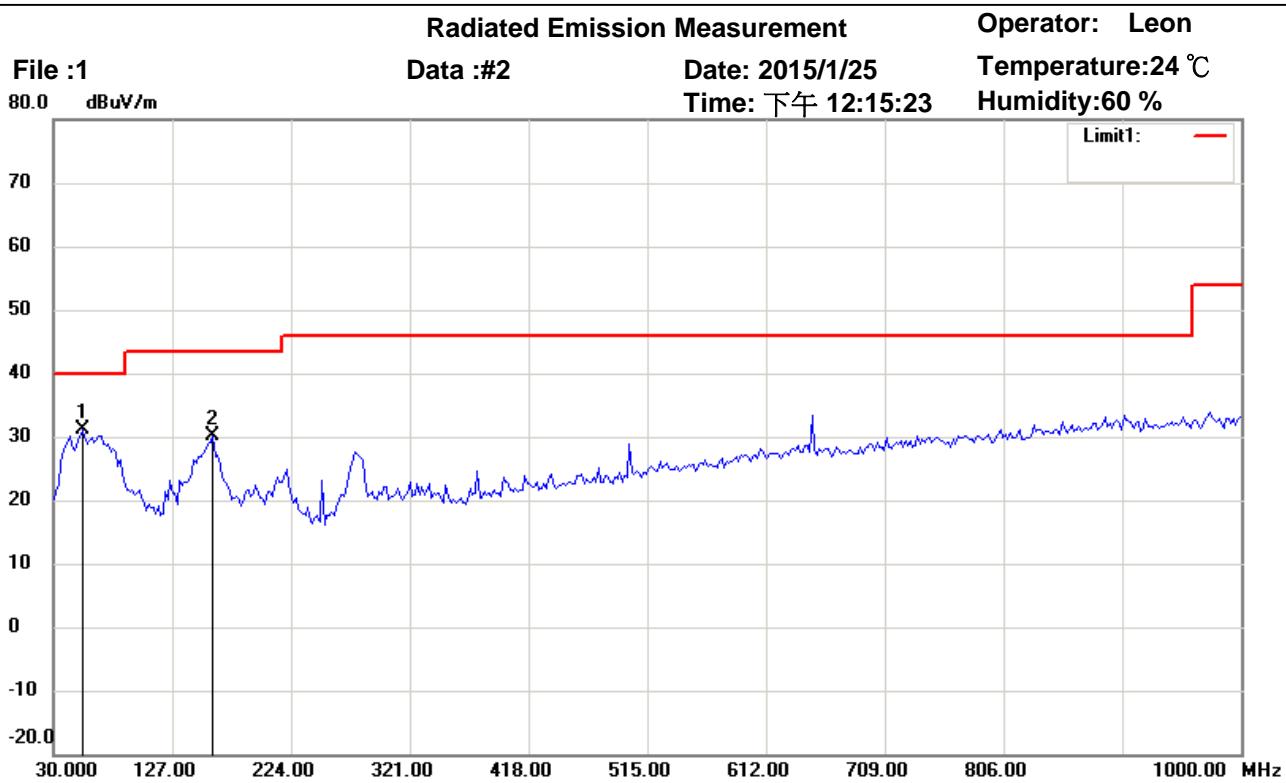
Test Mode : TX 802.11b CH1

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
*	53.3267	9.40	peak	14.12	23.52	40.00	100	210	-16.48	
	158.2966	8.31	peak	15.49	23.80	43.50	100	145	-19.70	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

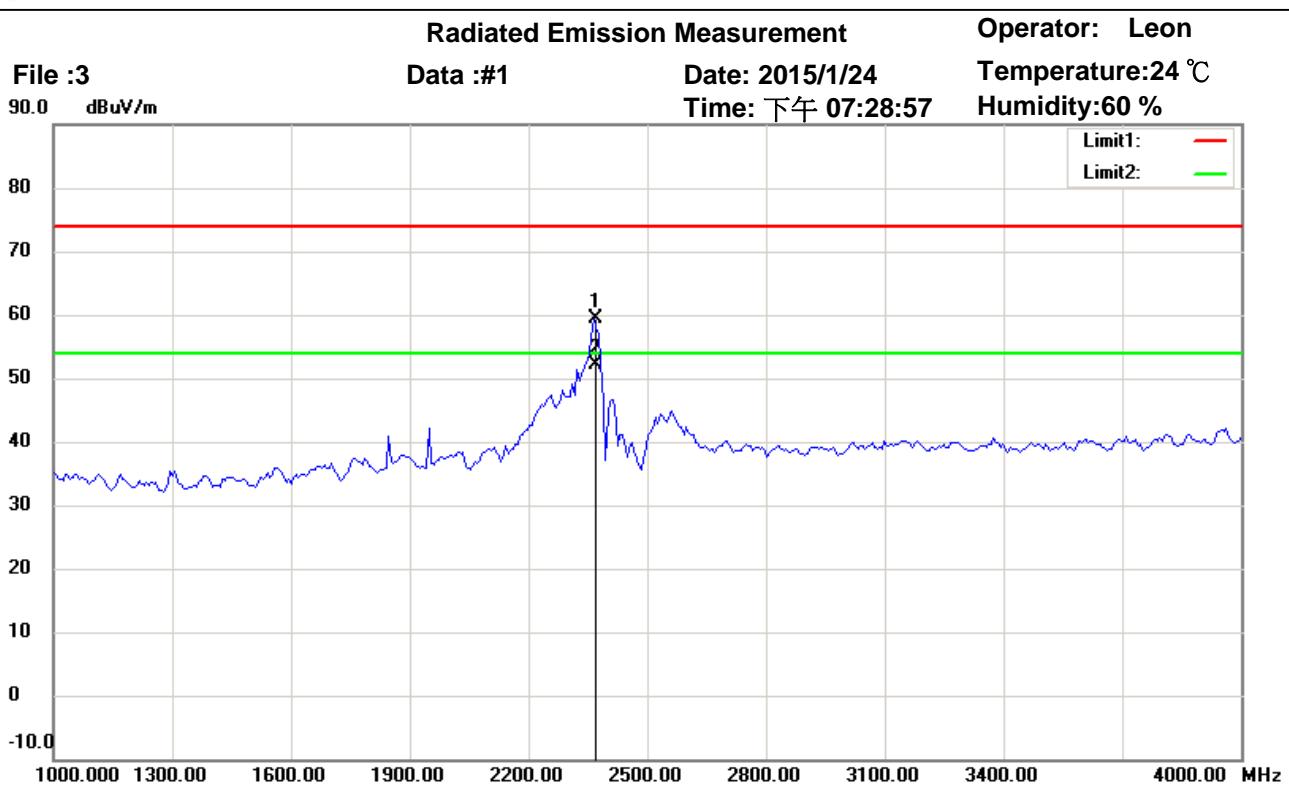
Test Mode : TX 802.11b CH1

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
*	53.3267	16.94	peak	14.12	31.06	40.00	100	145	-8.94	
	160.2405	14.68	peak	15.48	30.16	43.50	100	120	-13.34	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

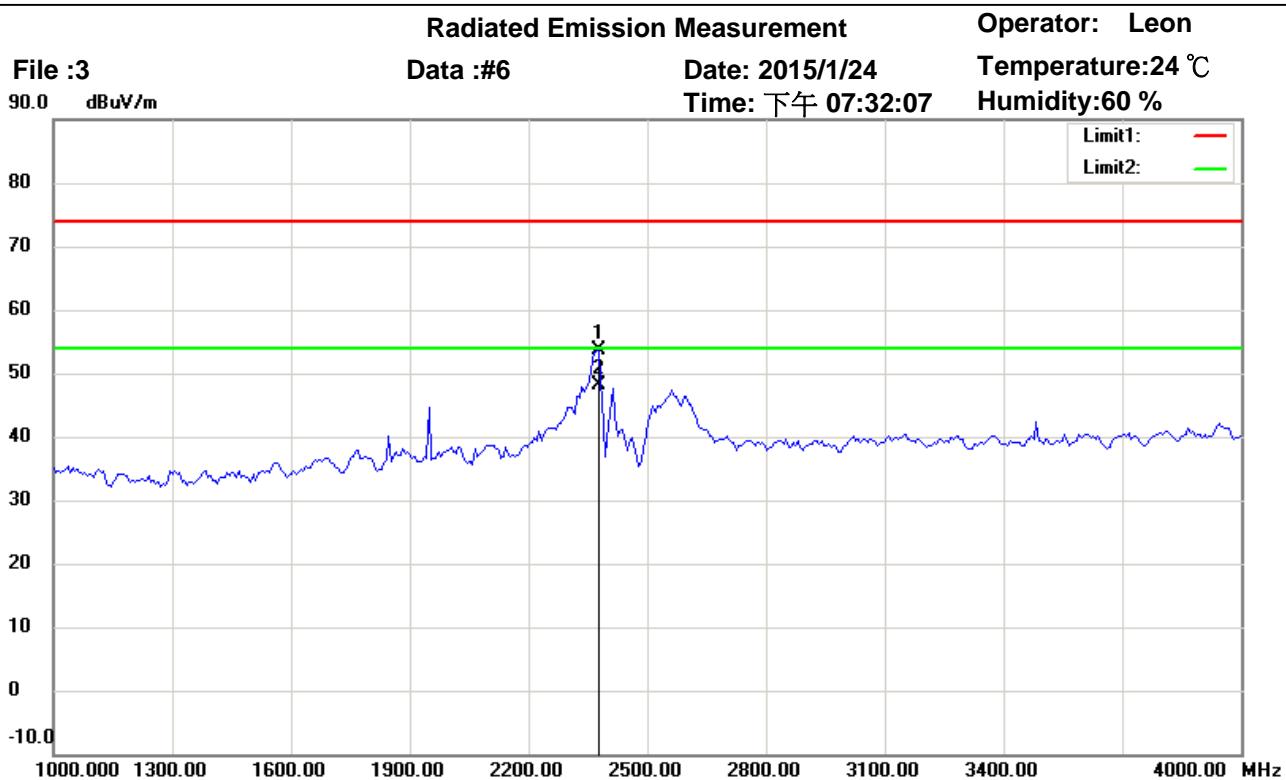
Test Mode : TX 802.11b CH1

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
	2367.414	64.18	peak	-4.86	59.32	74.00	100	95	-14.68	
*	2367.414	56.99	AVG	-4.86	52.13	54.00	100	95	-1.87	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

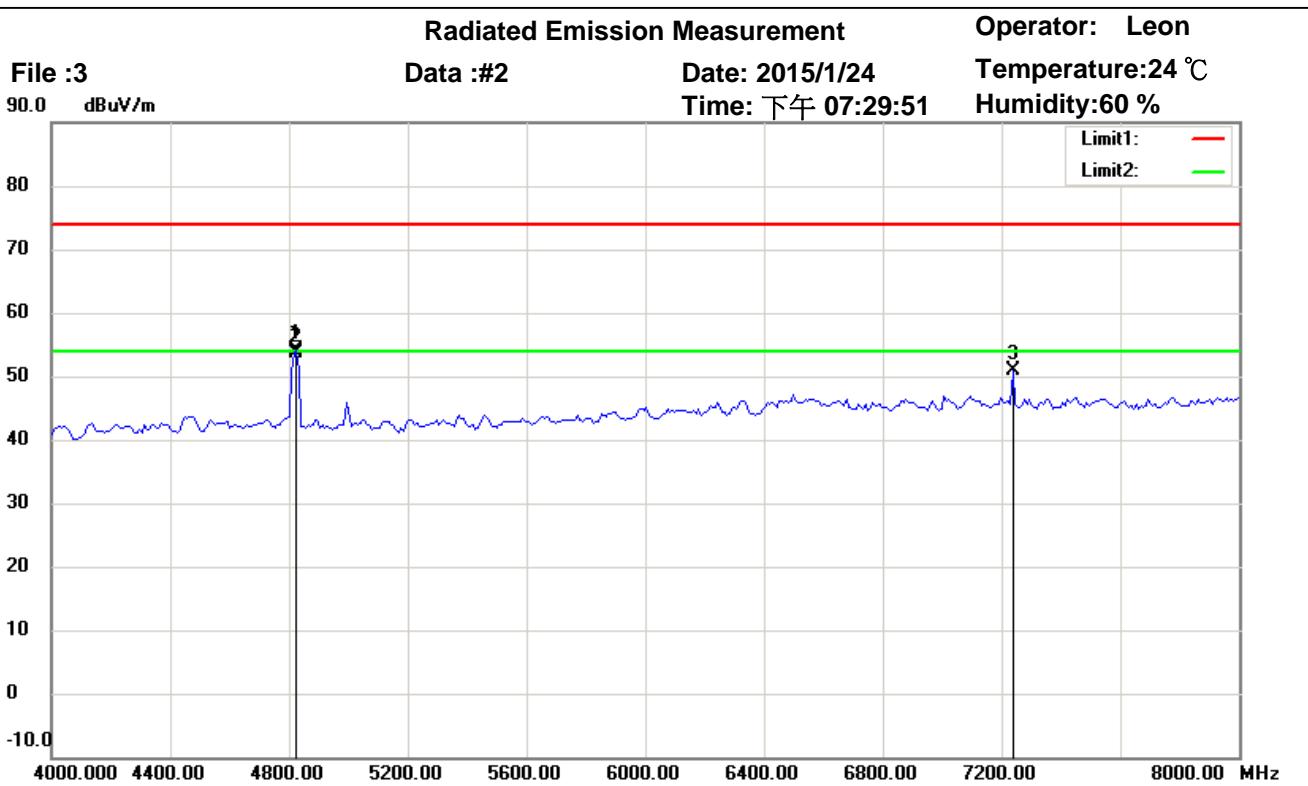
Test Mode : TX 802.11b CH1

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
	2376.753	58.46	peak	-4.82	53.64	74.00	100	175	-20.36	
*	2376.753	52.96	AVG	-4.82	48.14	54.00	100	175	-5.86	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

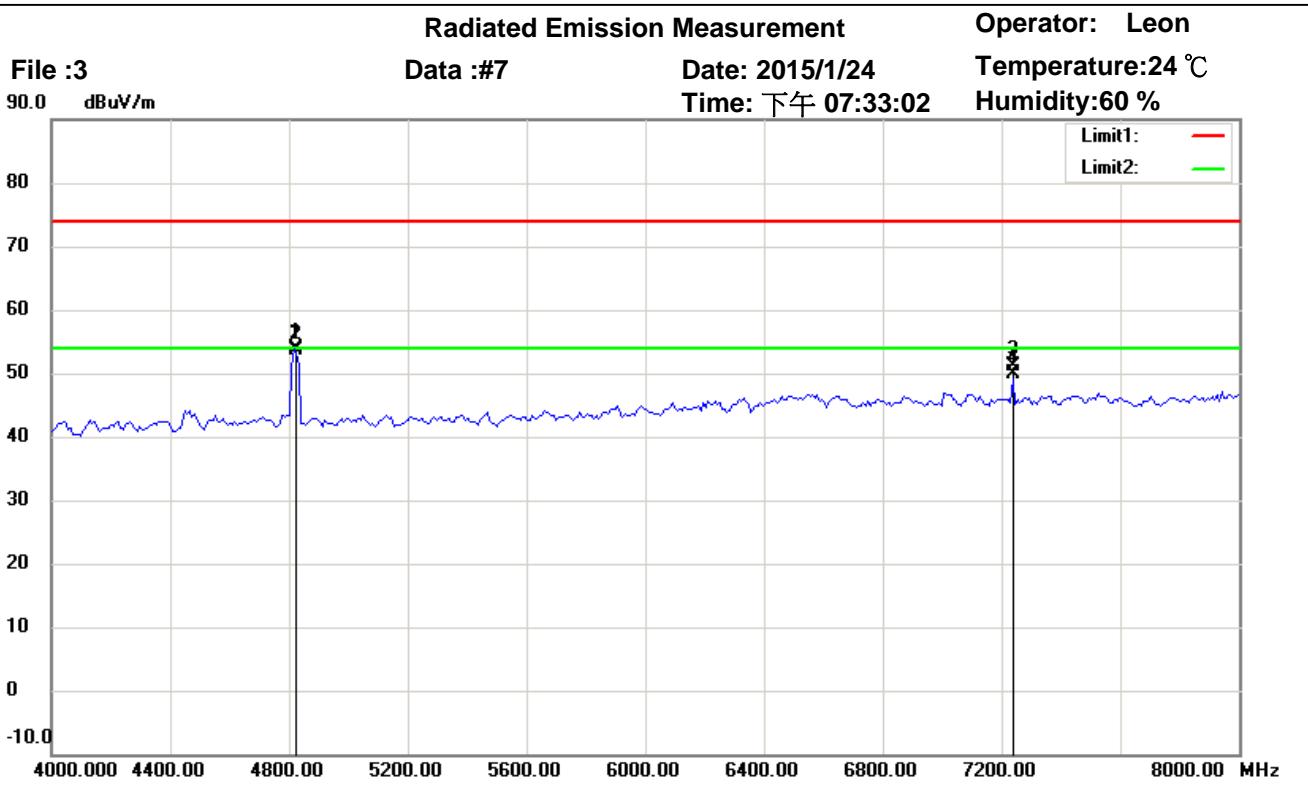
Test Mode : TX 802.11b CH1

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
	4824.057	53.39	peak	0.68	54.07	74.00	100	143	-19.93	
*	4824.057	52.97	AVG	0.68	53.65	54.00	100	143	-0.35	
	7238.477	46.58	peak	4.30	50.88	74.00	100	155	-23.12	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

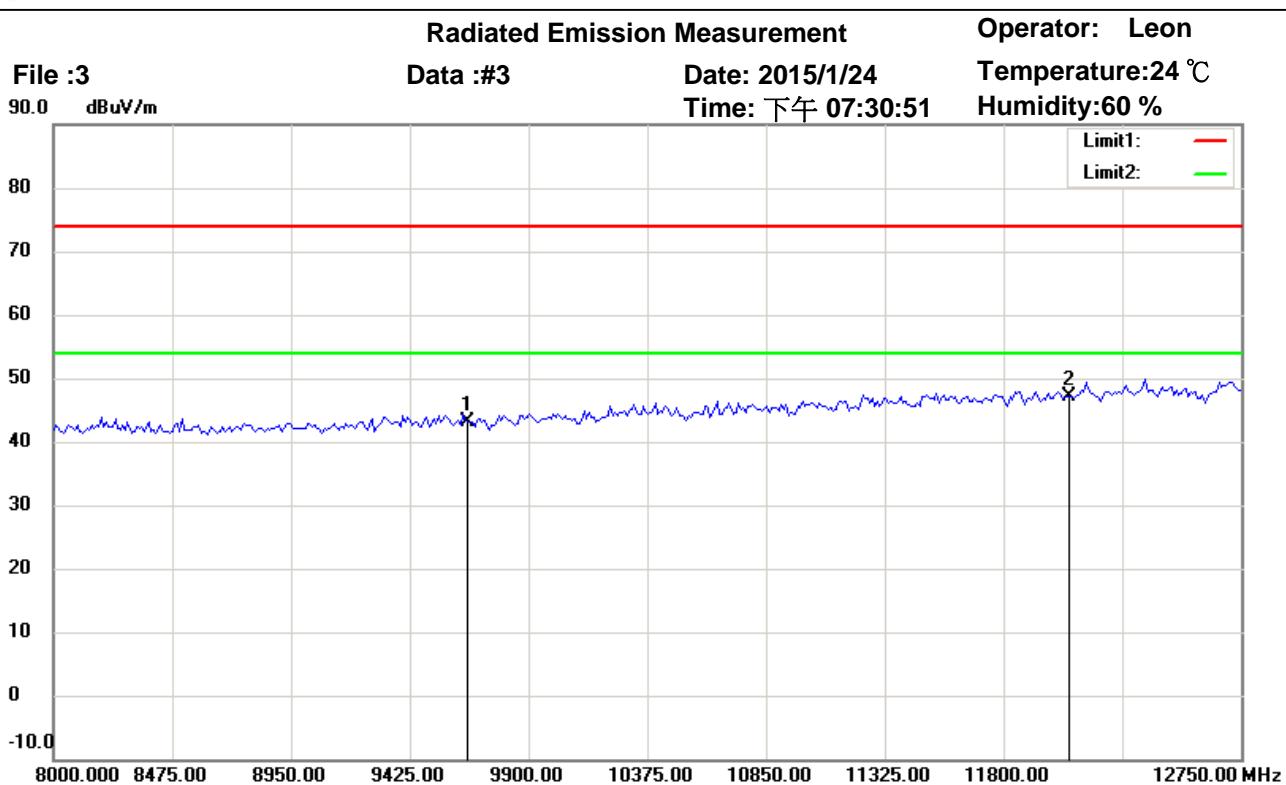
Test Mode : TX 802.11b CH1

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
	4824.086	53.27	peak	0.68	53.95	74.00	100	60	-20.05	
*	4824.086	52.95	AVG	0.68	53.63	54.00	100	60	-0.37	
	7238.477	46.72	peak	4.30	51.02	74.00	100	155	-22.98	
	7238.477	45.61	AVG	4.30	49.91	54.00	100	155	-4.09	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

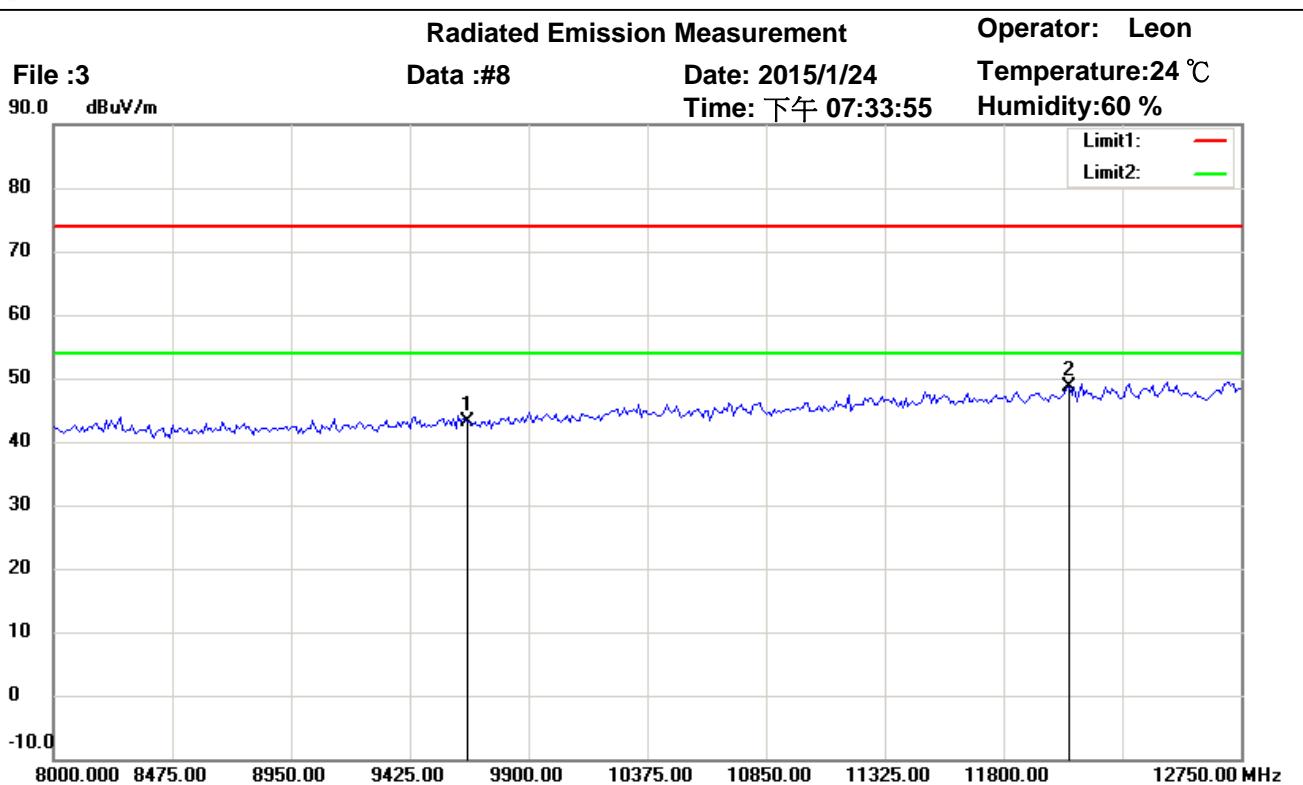
Test Mode : TX 802.11b CH1

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	35.72	peak	7.46	43.18	74.00	100	95	-30.82	
*	12060.000	33.98	peak	13.20	47.18	74.00	100	160	-26.82	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

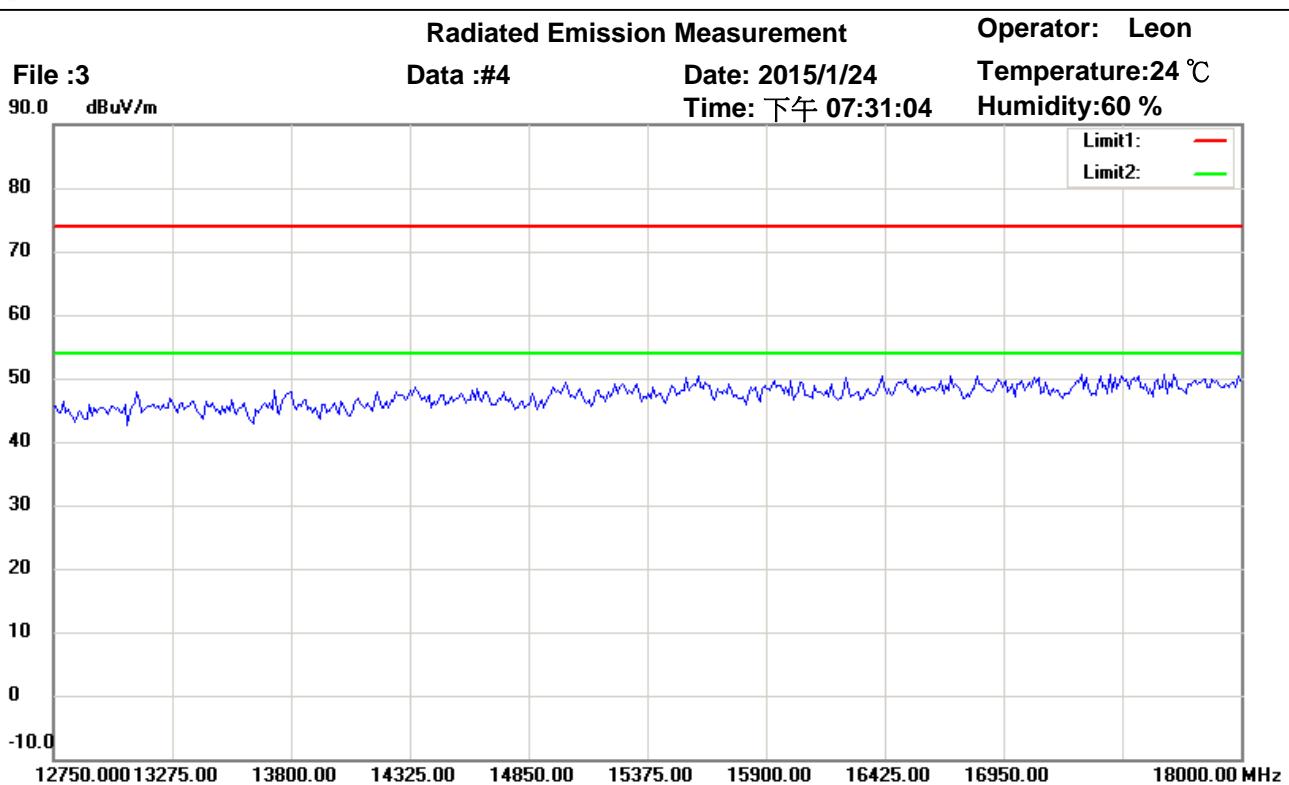
Test Mode : TX 802.11b CH1

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	35.59	peak	7.46	43.05	74.00	100	85	-30.95	
*	12060.000	35.32	peak	13.20	48.52	74.00	100	145	-25.48	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

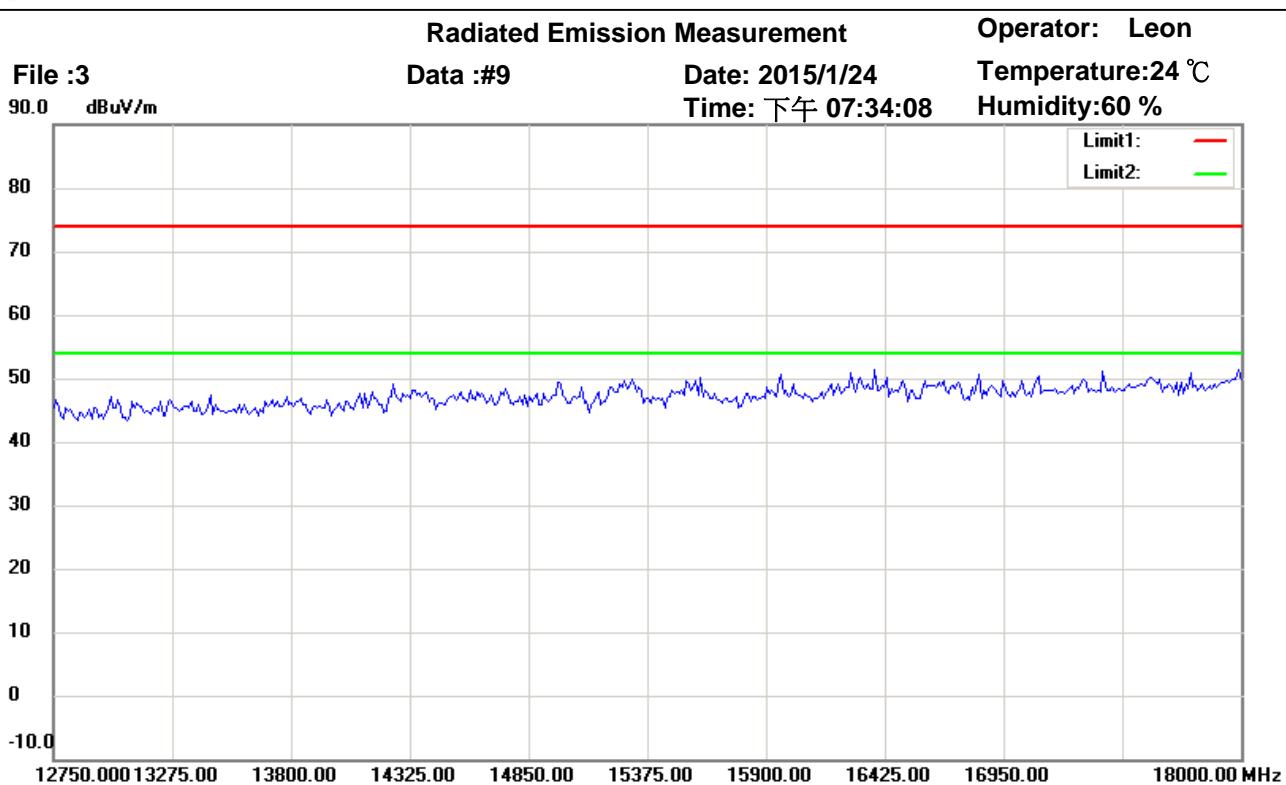
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

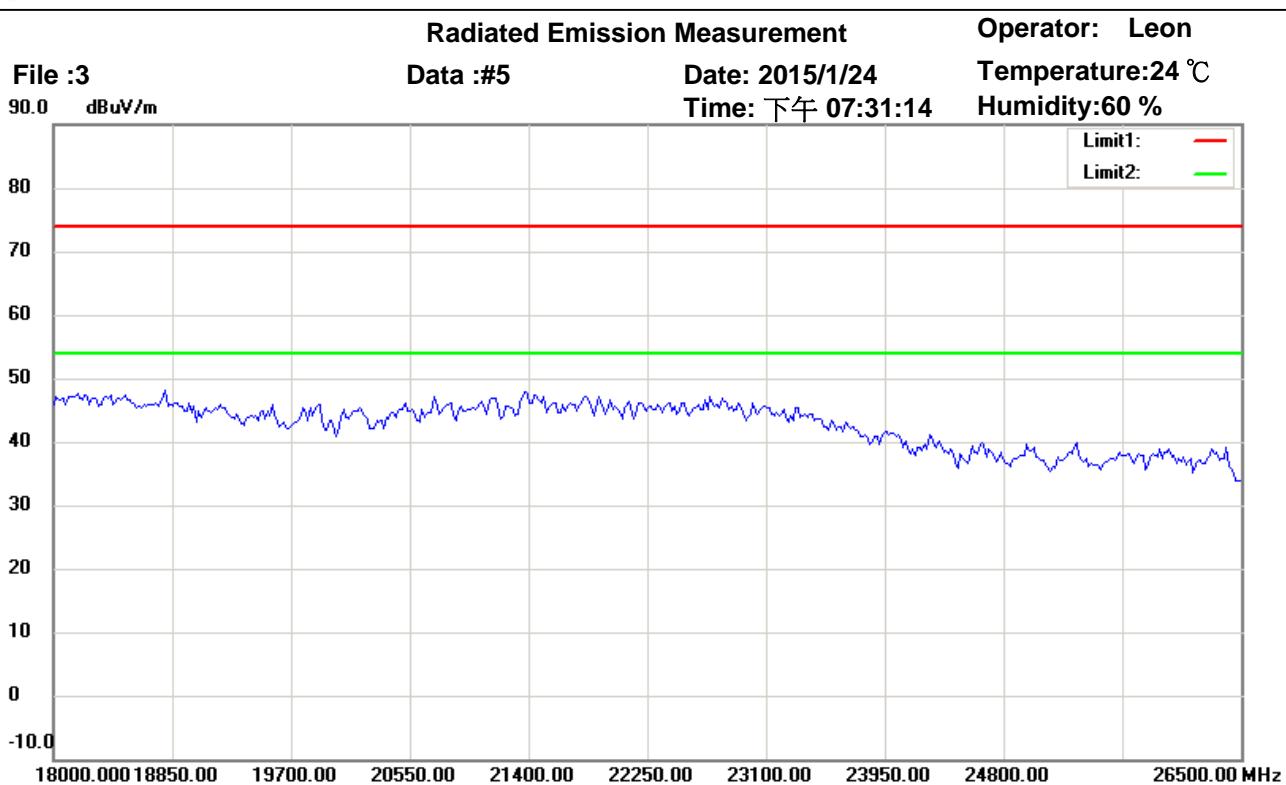
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

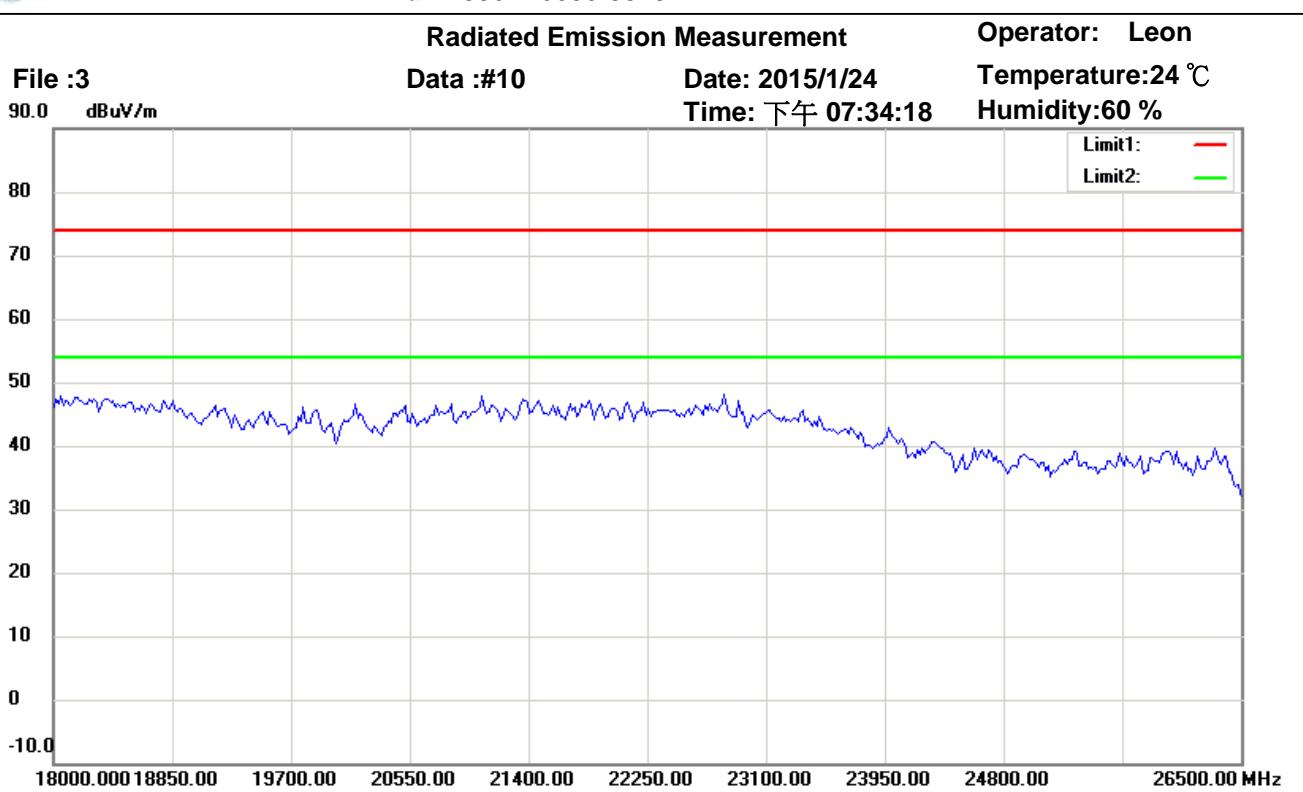
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

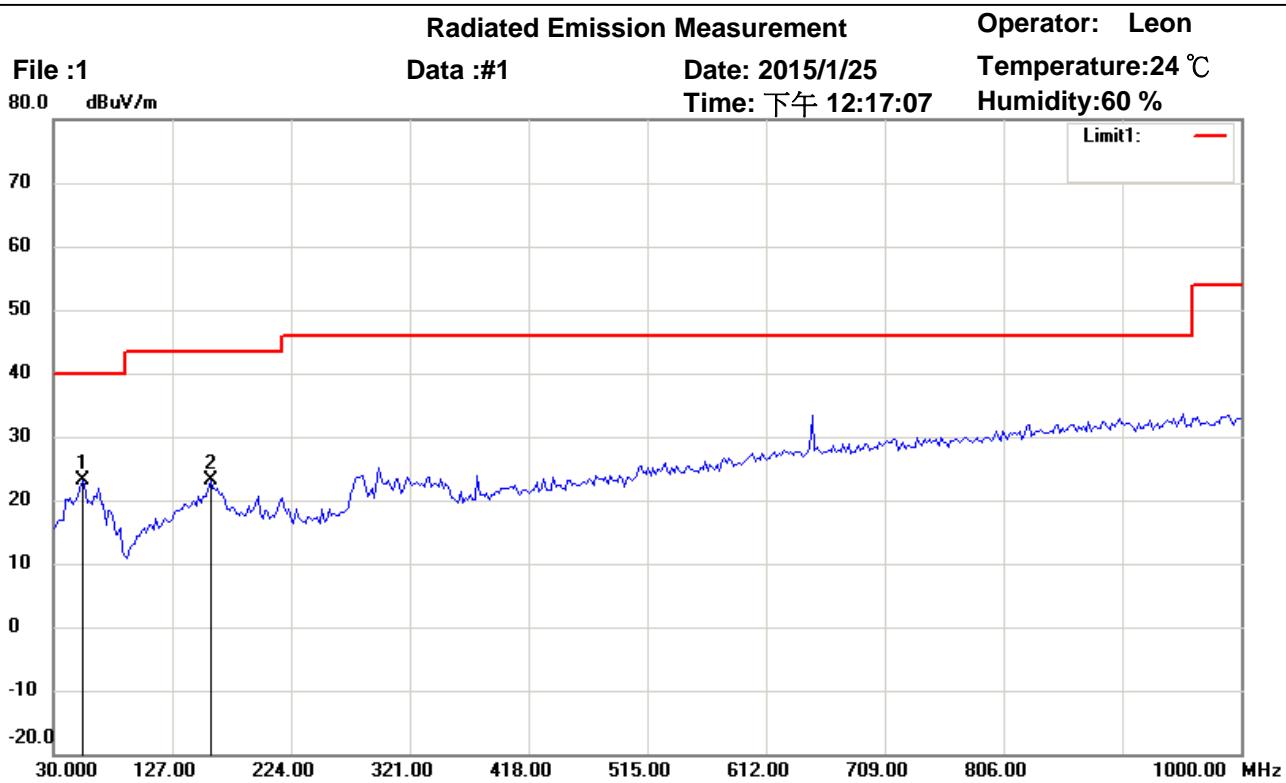
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

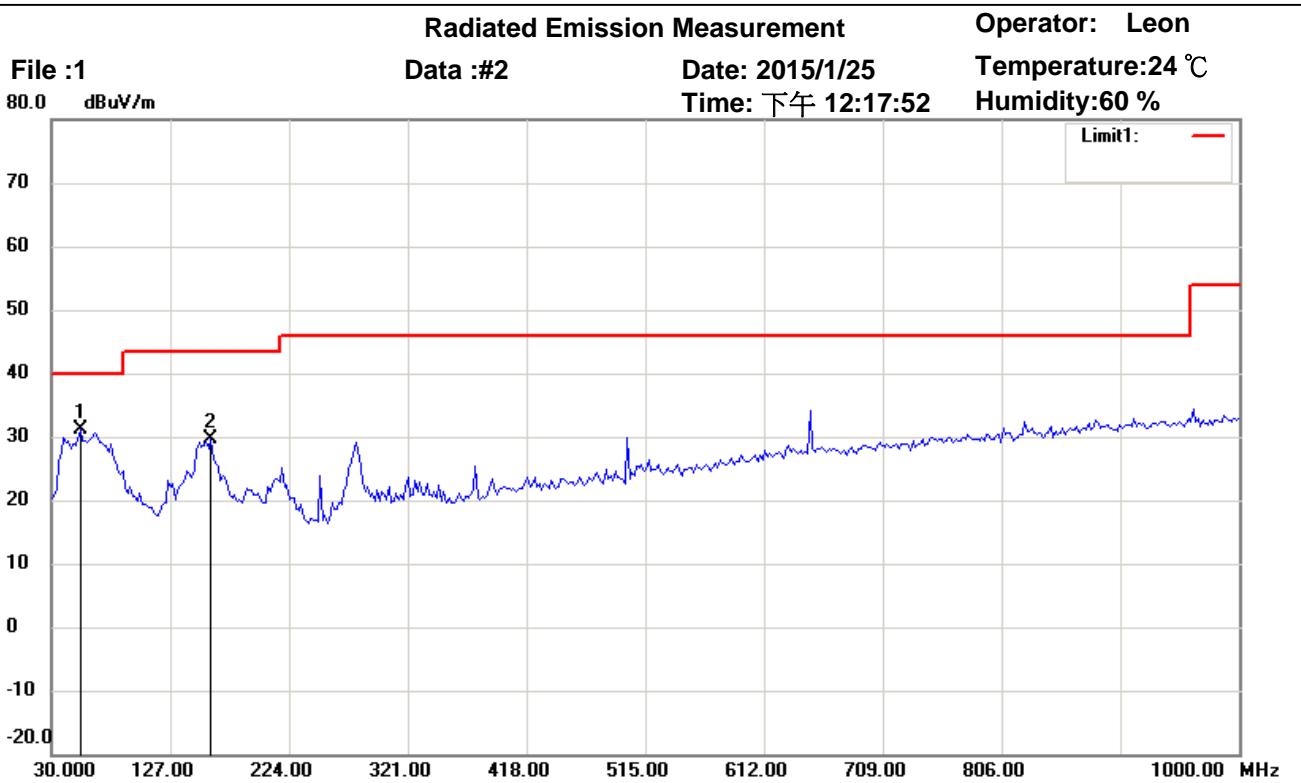
Test Mode : TX 802.11b CH6

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
*	53.3267	8.94	peak	14.12	23.06	40.00	100	95	-16.94	
	158.2966	7.65	peak	15.49	23.14	43.50	100	120	-20.36	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

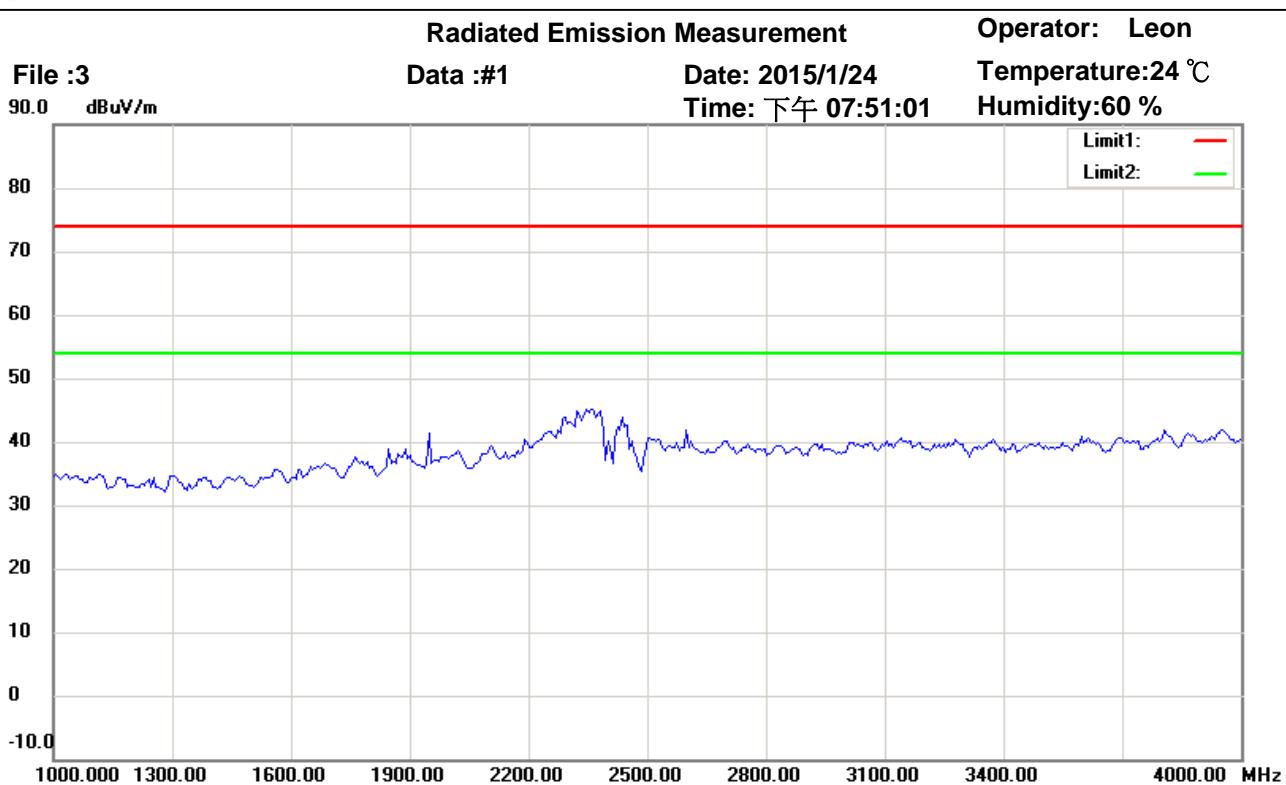
Test Mode : TX 802.11b CH6

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
*	53.3267	16.93	peak	14.12	31.05	40.00	100	105	-8.95	
	160.2405	14.20	peak	15.48	29.68	43.50	100	140	-13.82	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

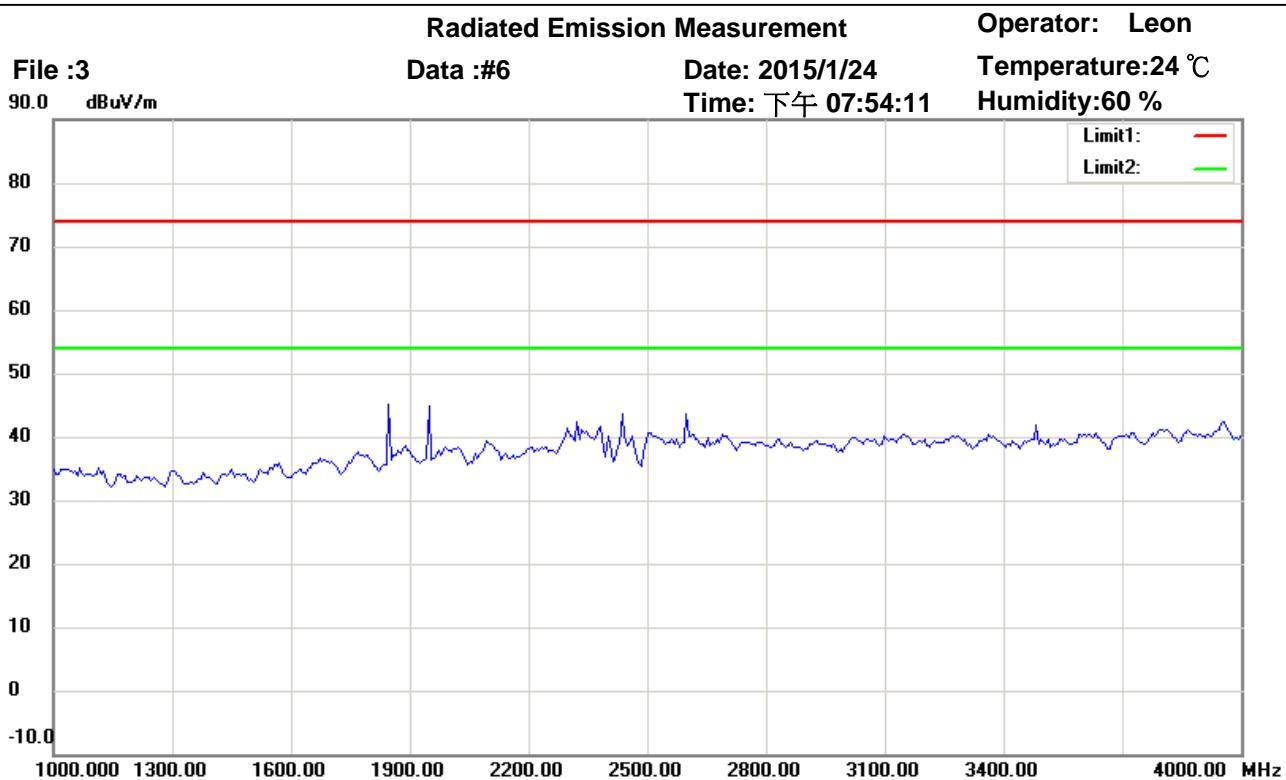
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

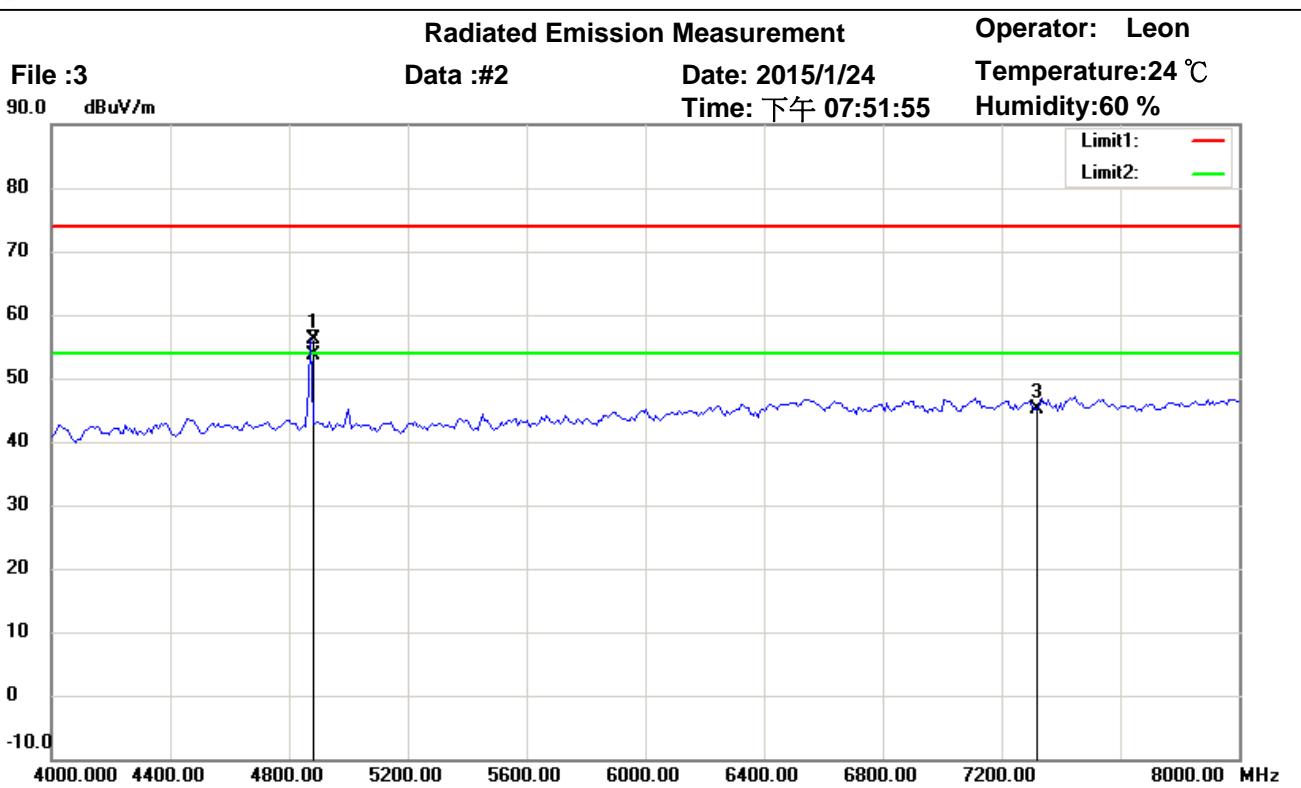
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

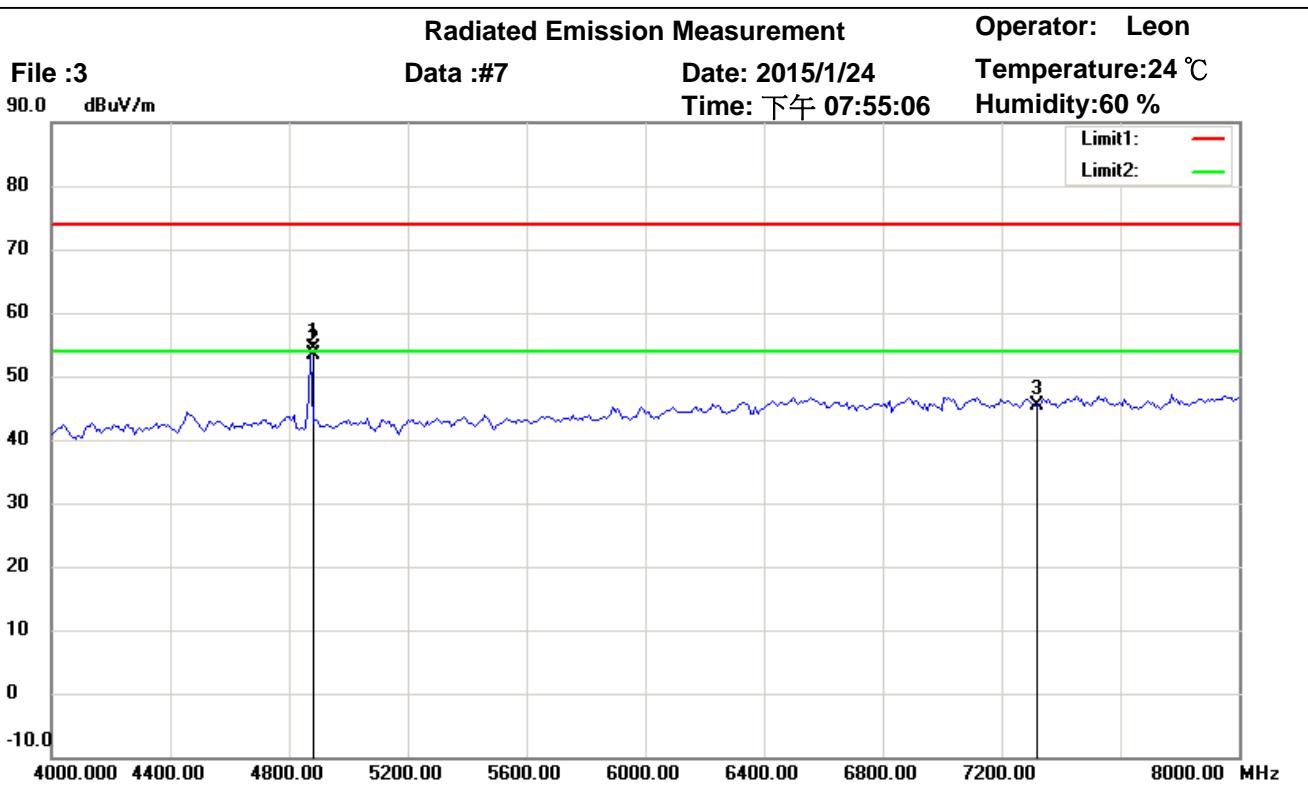
Test Mode : TX 802.11b CH6

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
	4874.051	55.43	peak	0.73	56.16	74.00	100	145	-17.84	
*	4874.051	53.00	AVG	0.73	53.73	54.00	100	145	-0.27	
	7311.000	40.73	peak	4.39	45.12	74.00	100	170	-28.88	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11b CH6

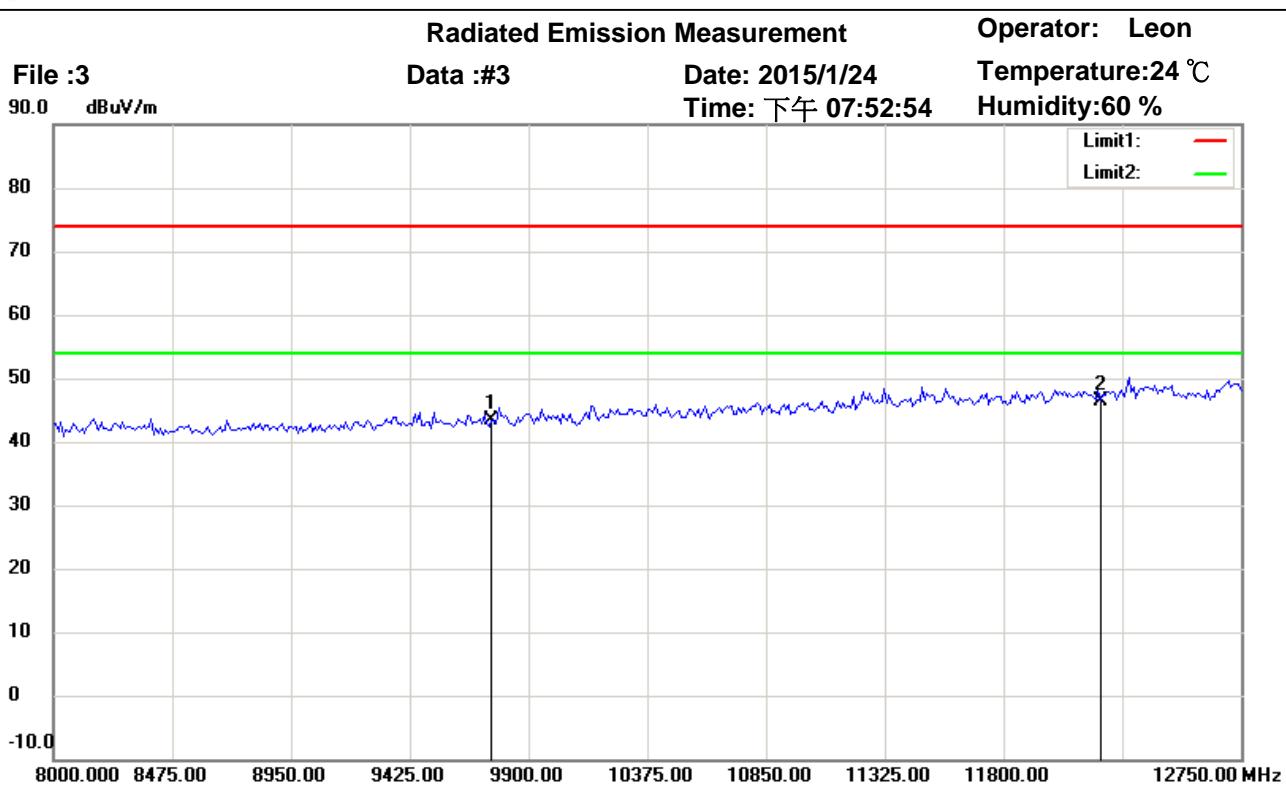
Note :

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	53.72	peak	0.73	54.45	74.00	100	135	-19.55	
*	4873.748	52.57	AVG	0.73	53.30	54.00	100	135	-0.70	
	7311.000	41.06	peak	4.39	45.45	74.00	100	155	-28.55	

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



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

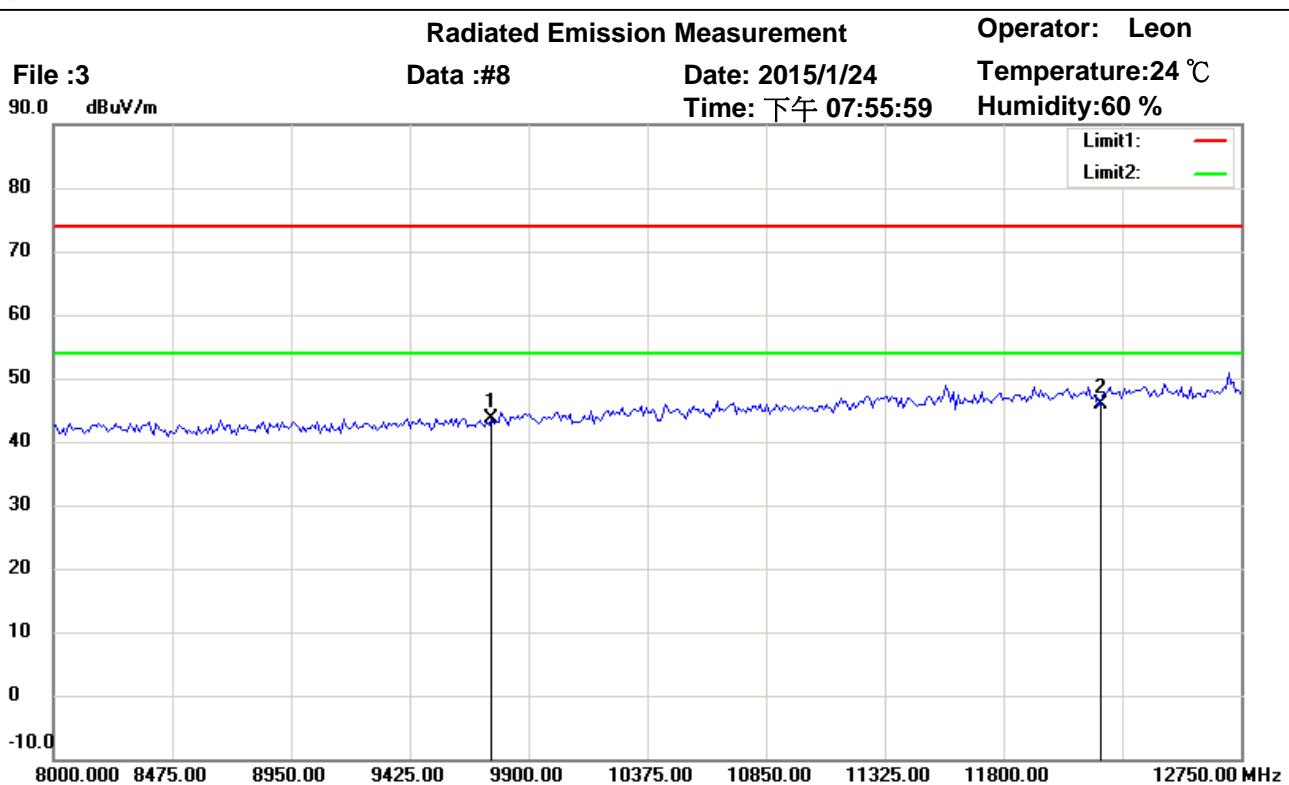
Test Mode : TX 802.11b CH6

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	35.88	peak	7.58	43.46	74.00	100	95	-30.54	
*	12185.000	32.71	peak	13.77	46.48	74.00	100	130	-27.52	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

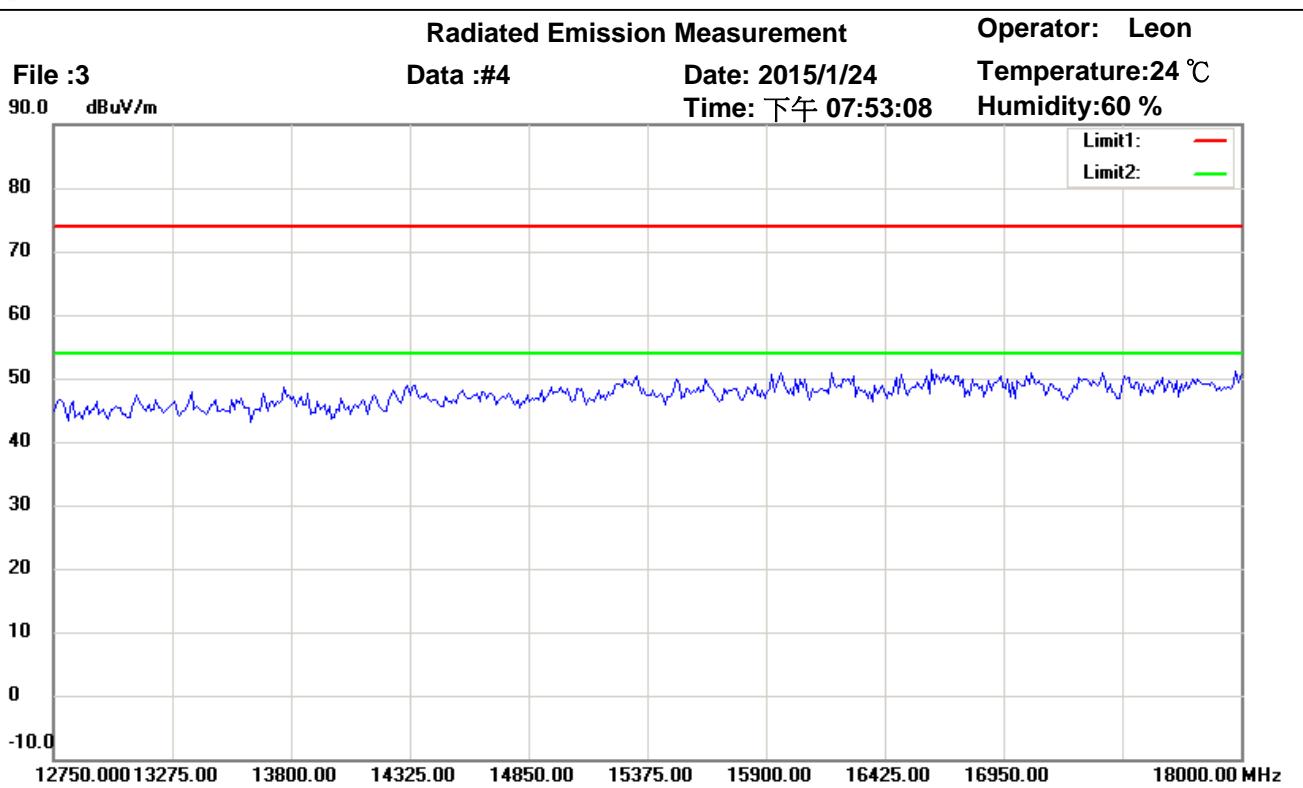
Test Mode : TX 802.11b CH6

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	36.17	peak	7.58	43.75	74.00	100	235	-30.25	
*	12185.000	32.02	peak	13.77	45.79	74.00	100	160	-28.21	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

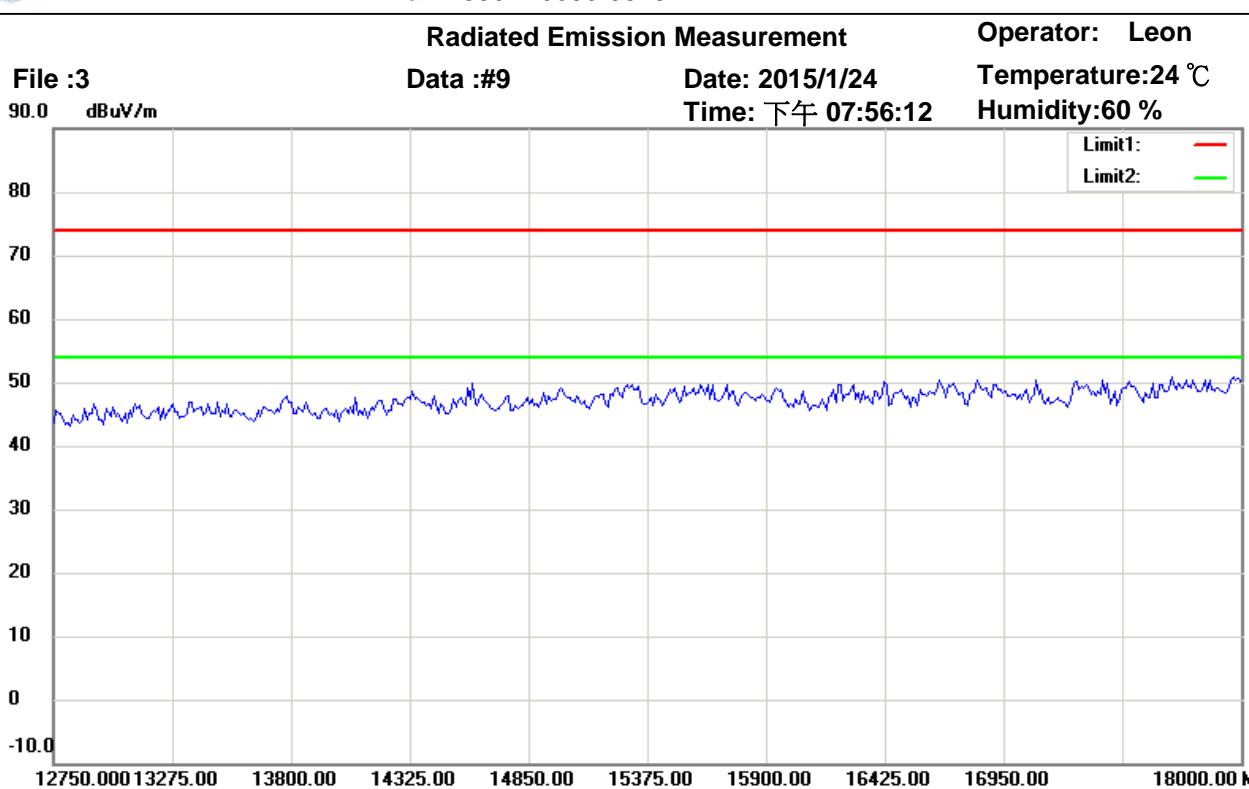
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

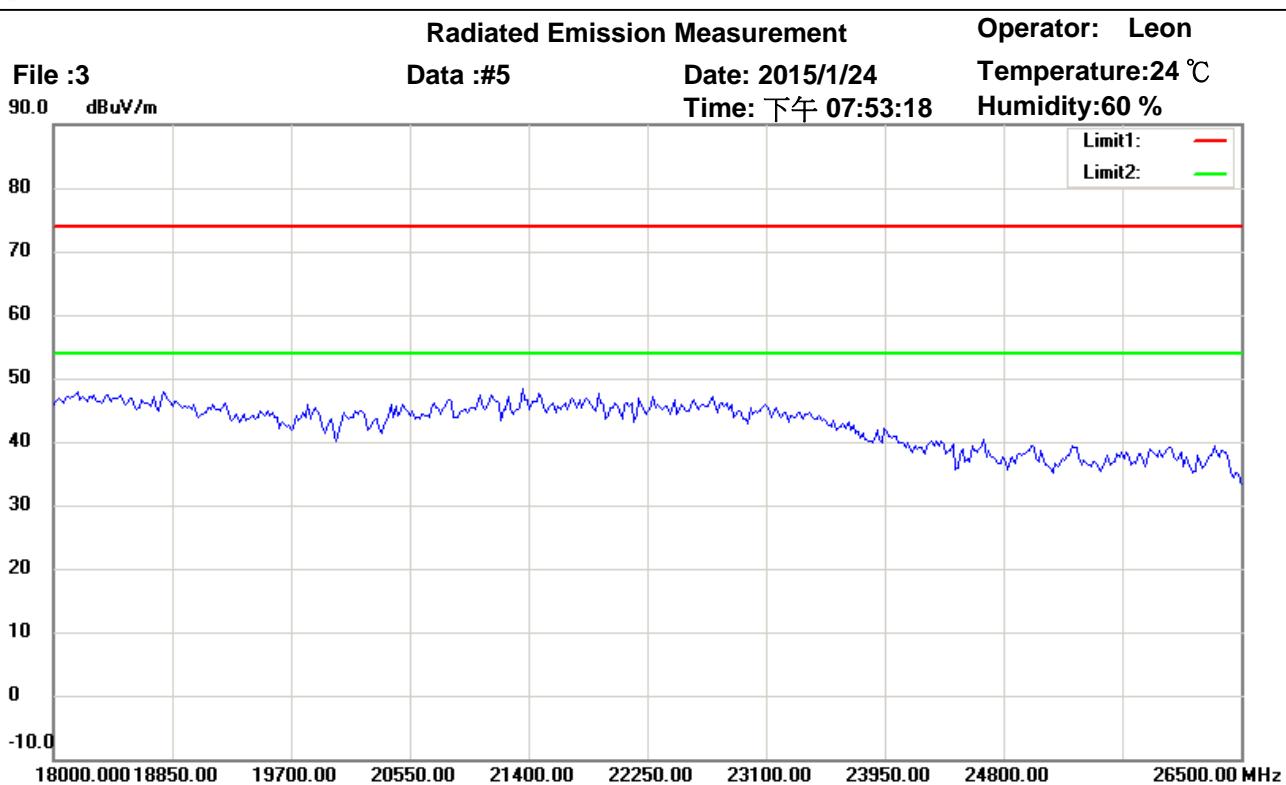
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

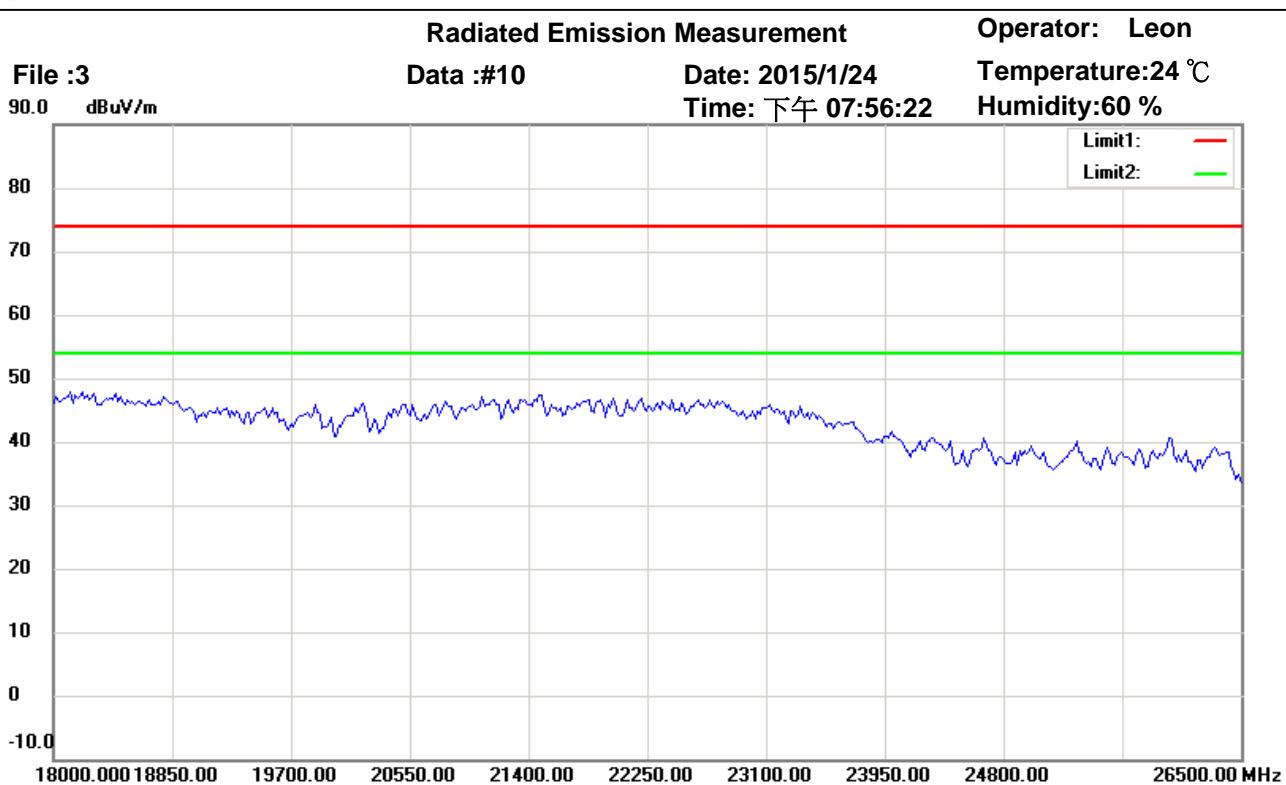
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

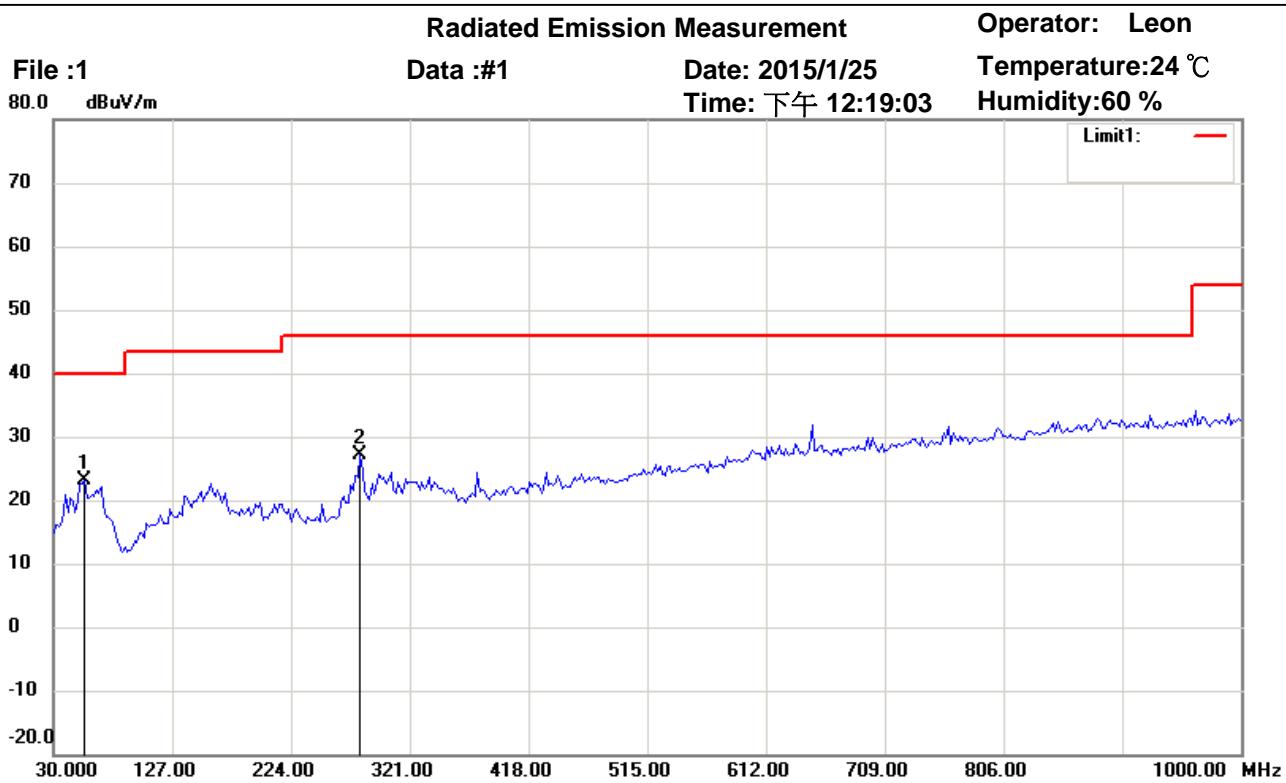
Test Mode : TX 802.11b CH6

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



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

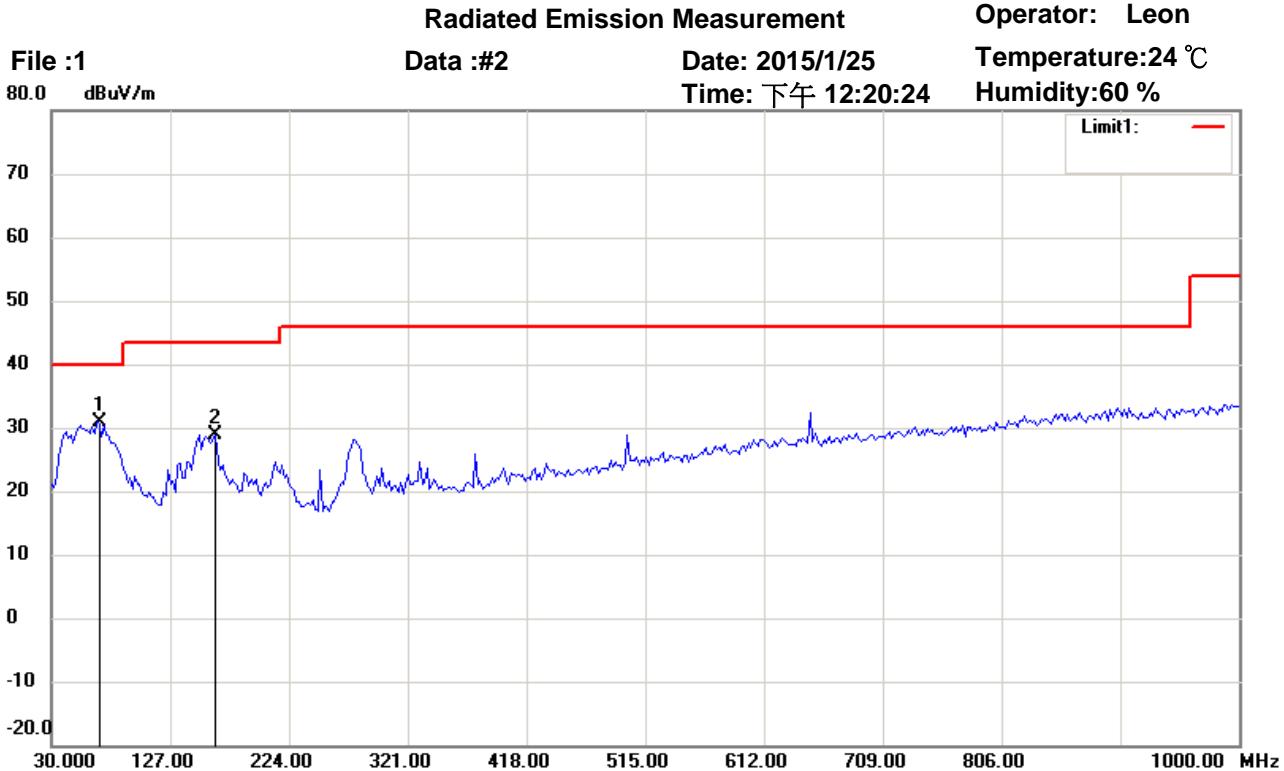
Test Mode : TX 802.11b CH11

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
*	55.2704	9.32	peak	13.82	23.14	40.00	100	95	-16.86	
	280.7615	11.46	peak	15.65	27.11	46.00	100	130	-18.89	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

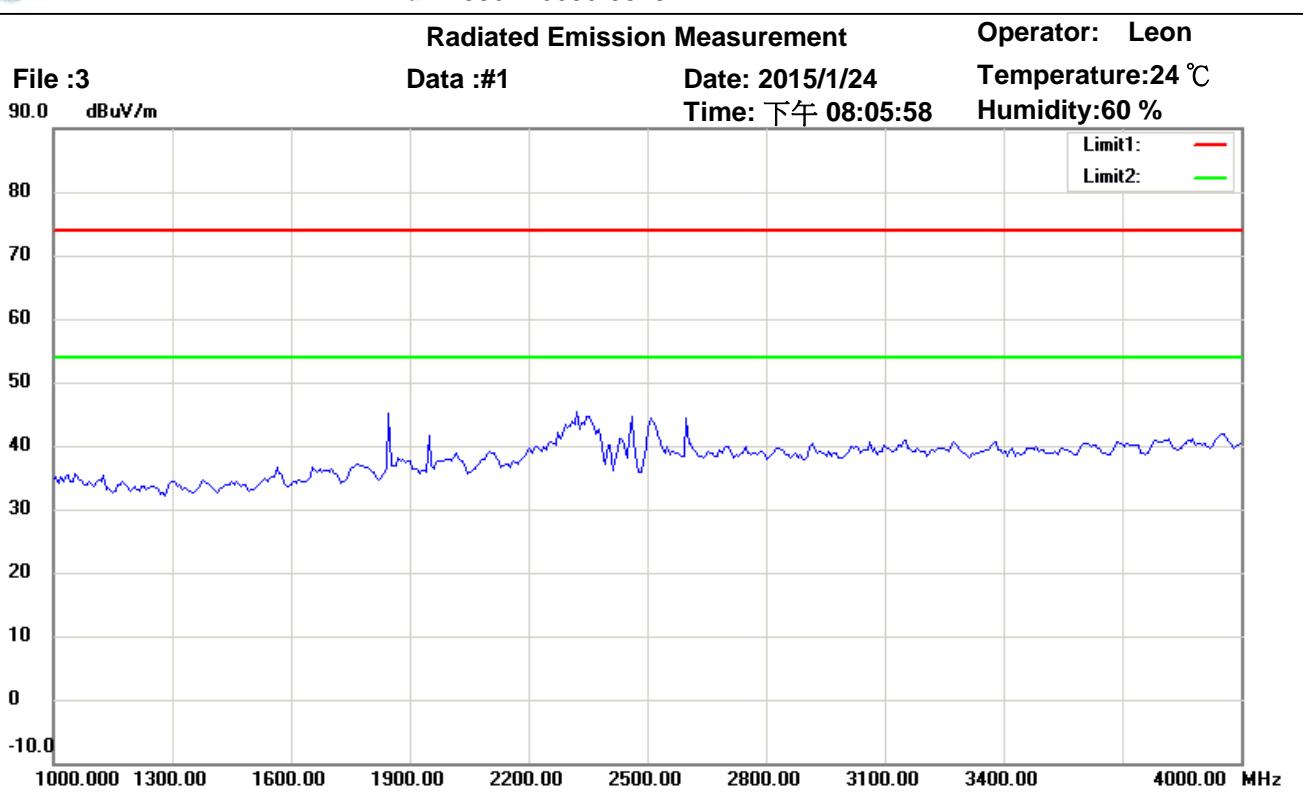
Test Mode : TX 802.11b CH11

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
*	66.9340	18.61	peak	12.28	30.89	40.00	100	155	-9.11	
	164.1283	13.51	peak	15.32	28.83	43.50	100	130	-14.67	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

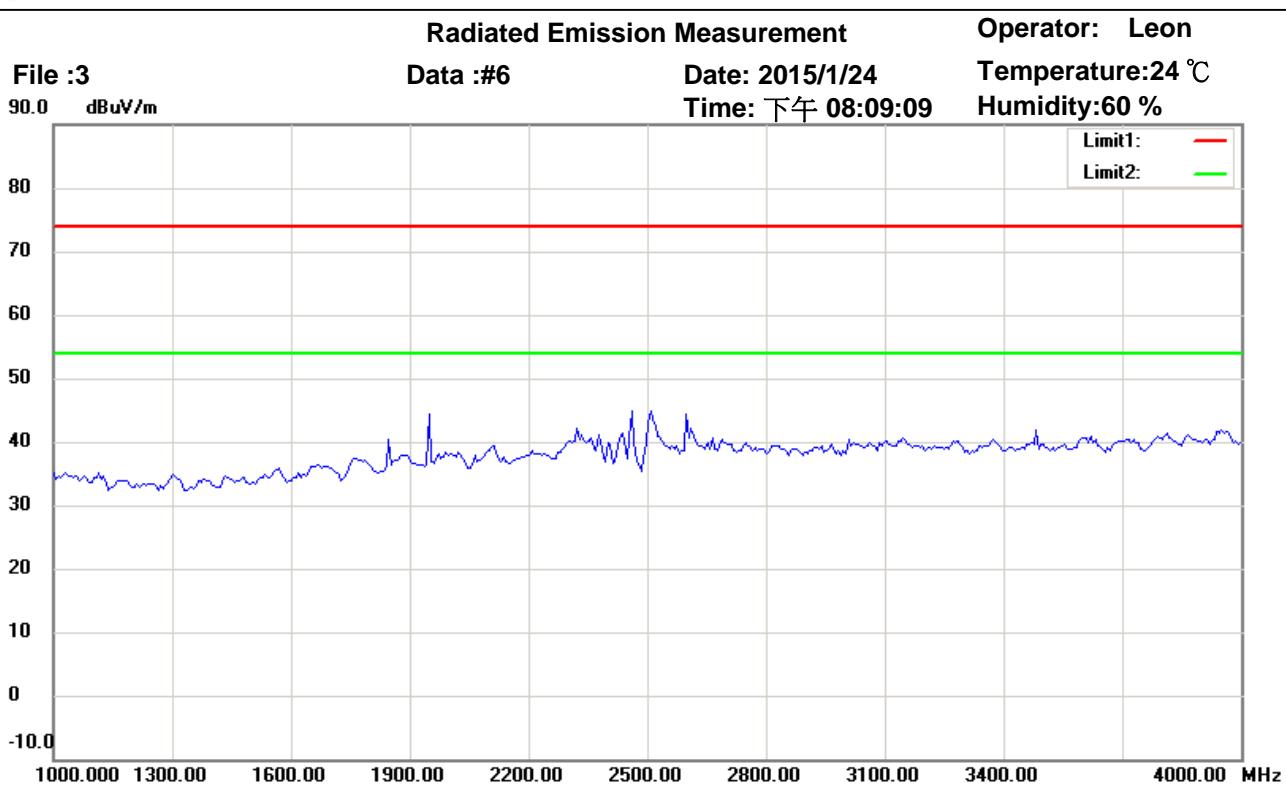
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

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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File :3

Radiated Emission Measurement

Operator: Leon

Data :#2

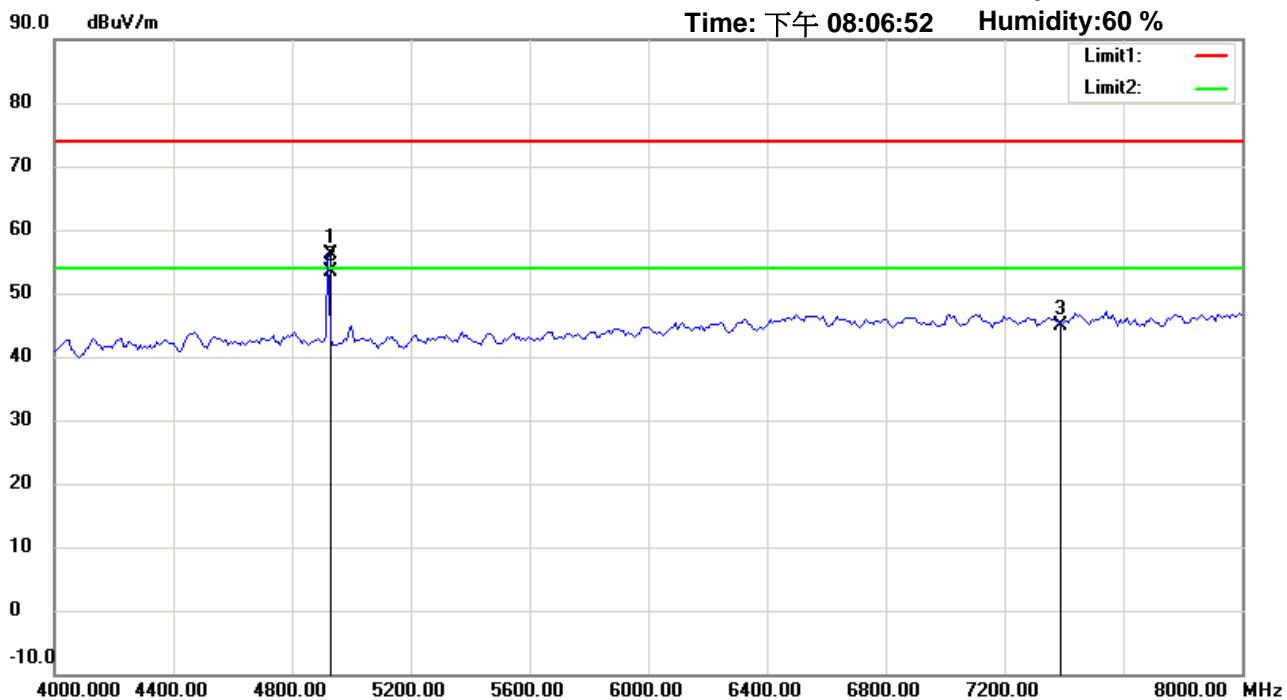
Date: 2015/1/24

Temperature:24 °C

Fax:+886-2-6606-8875

Time: 下午 08:06:52

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

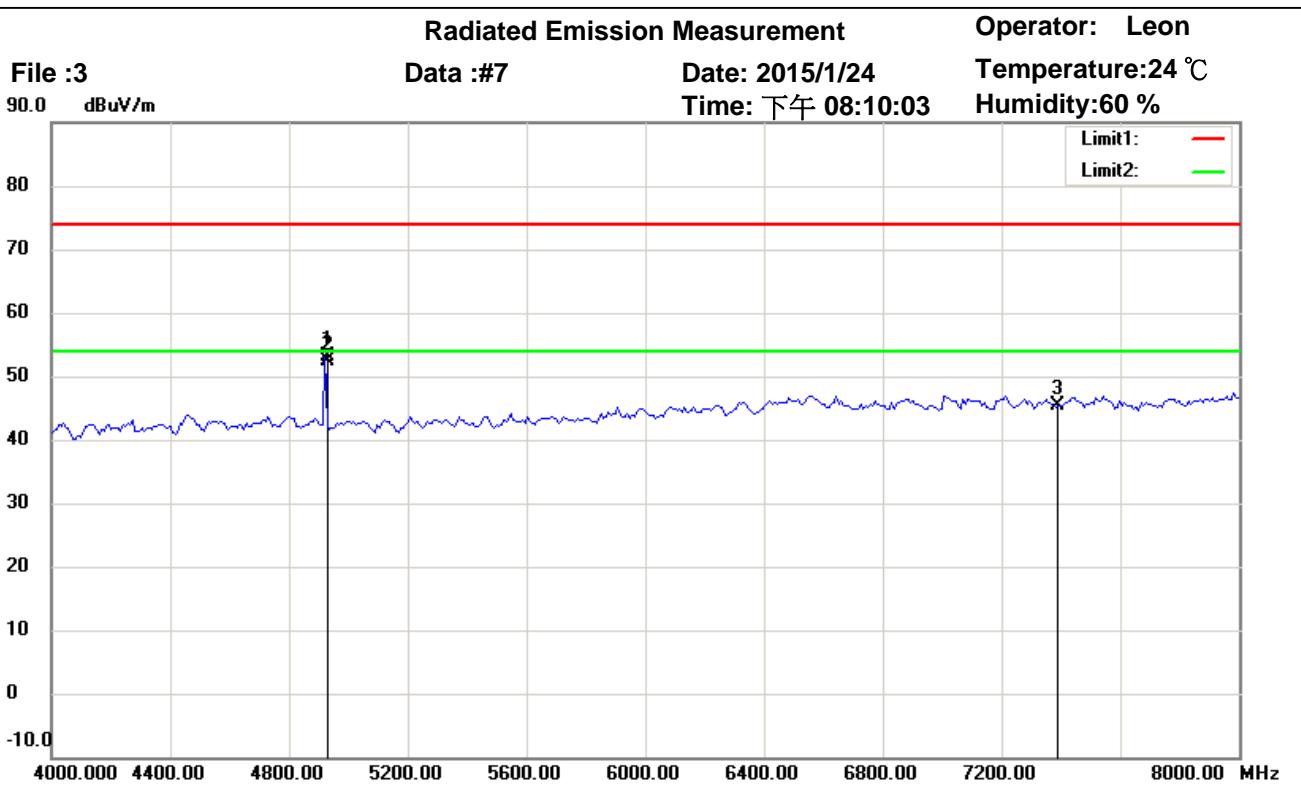
Test Mode : TX 802.11b CH11

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
	4924.086	55.32	peak	0.81	56.13	74.00	100	150	-17.87	
*	4924.086	52.66	AVG	0.81	53.47	54.00	100	150	-0.53	
	7386.000	40.23	peak	4.71	44.94	74.00	100	175	-29.06	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

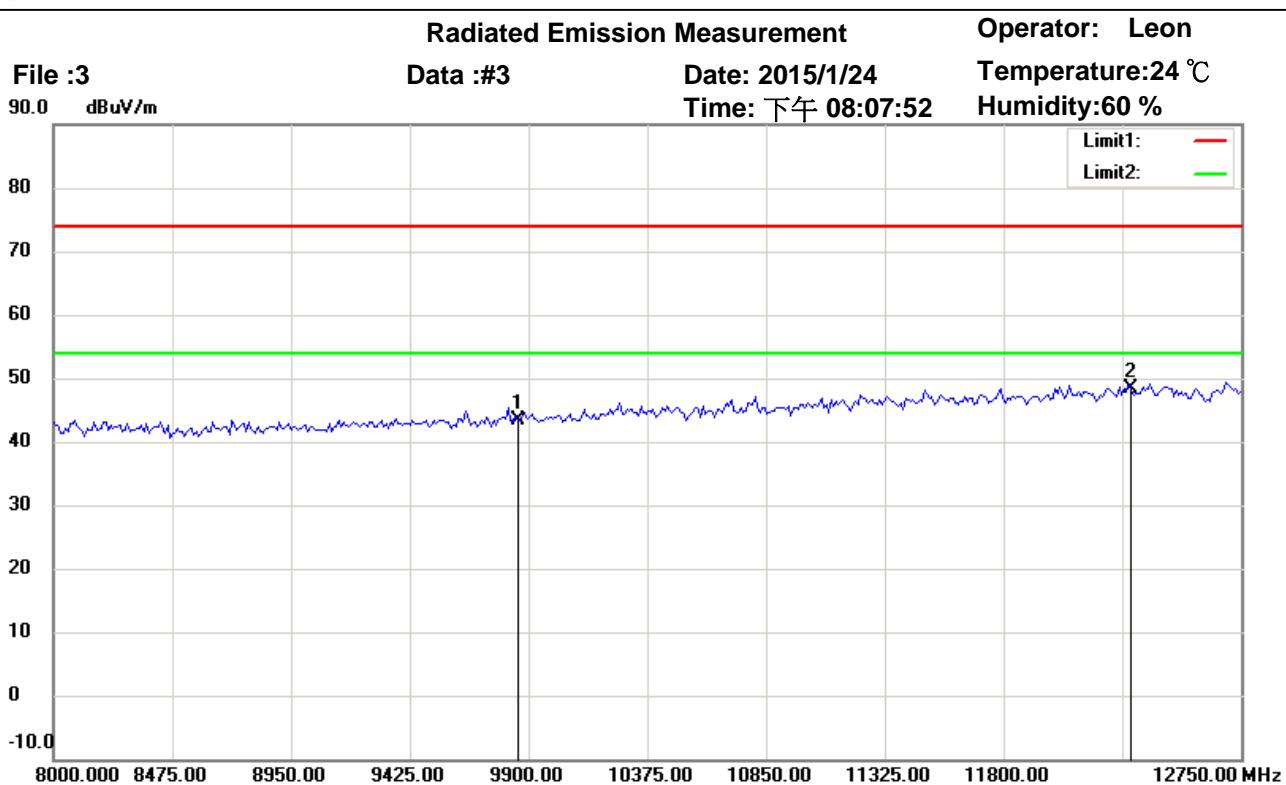
Test Mode : TX 802.11b CH11

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	52.36	peak	0.80	53.16	74.00	100	137	-20.84	
*	4921.844	51.68	AVG	0.80	52.48	54.00	100	137	-1.52	
	7386.000	40.78	peak	4.71	45.49	74.00	100	165	-28.51	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

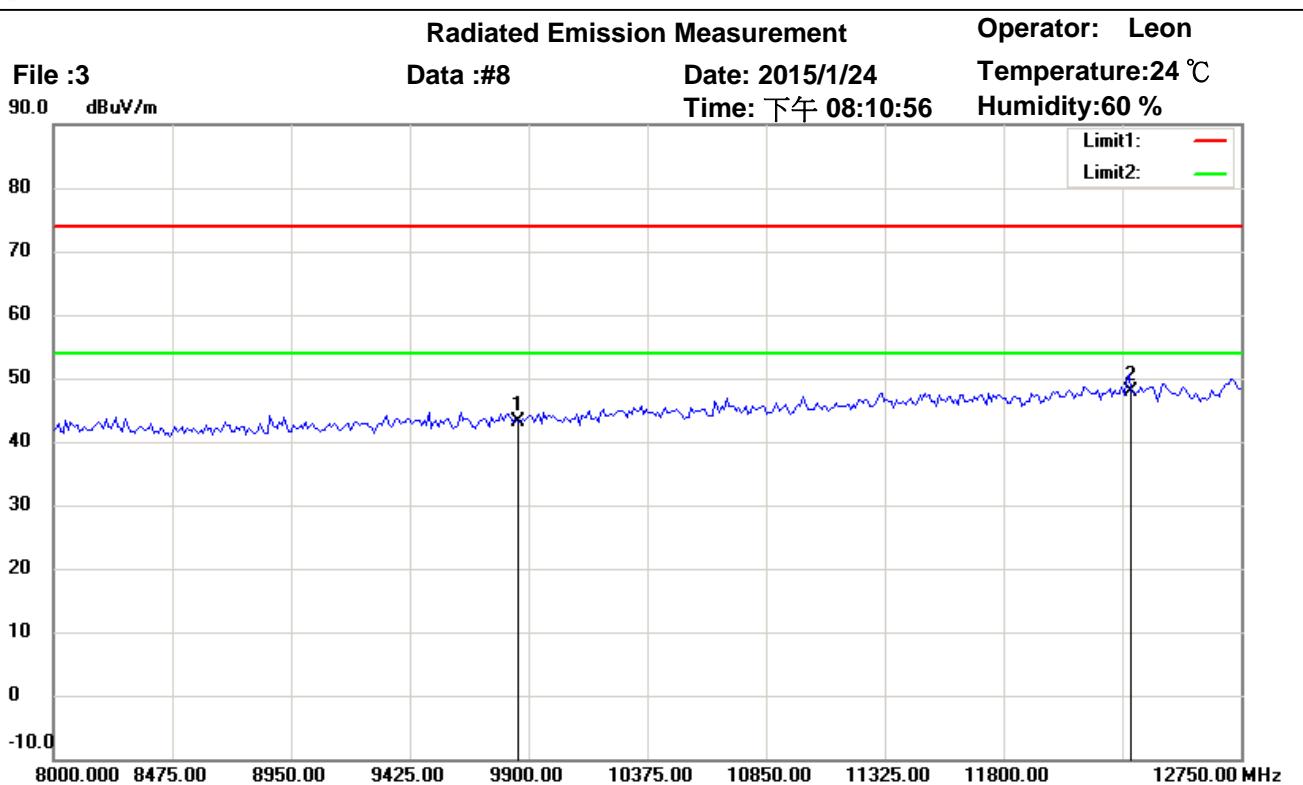
Test Mode : TX 802.11b CH11

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	35.52	peak	7.96	43.48	74.00	100	75	-30.52	
*	12310.000	34.80	peak	13.60	48.40	74.00	100	110	-25.60	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

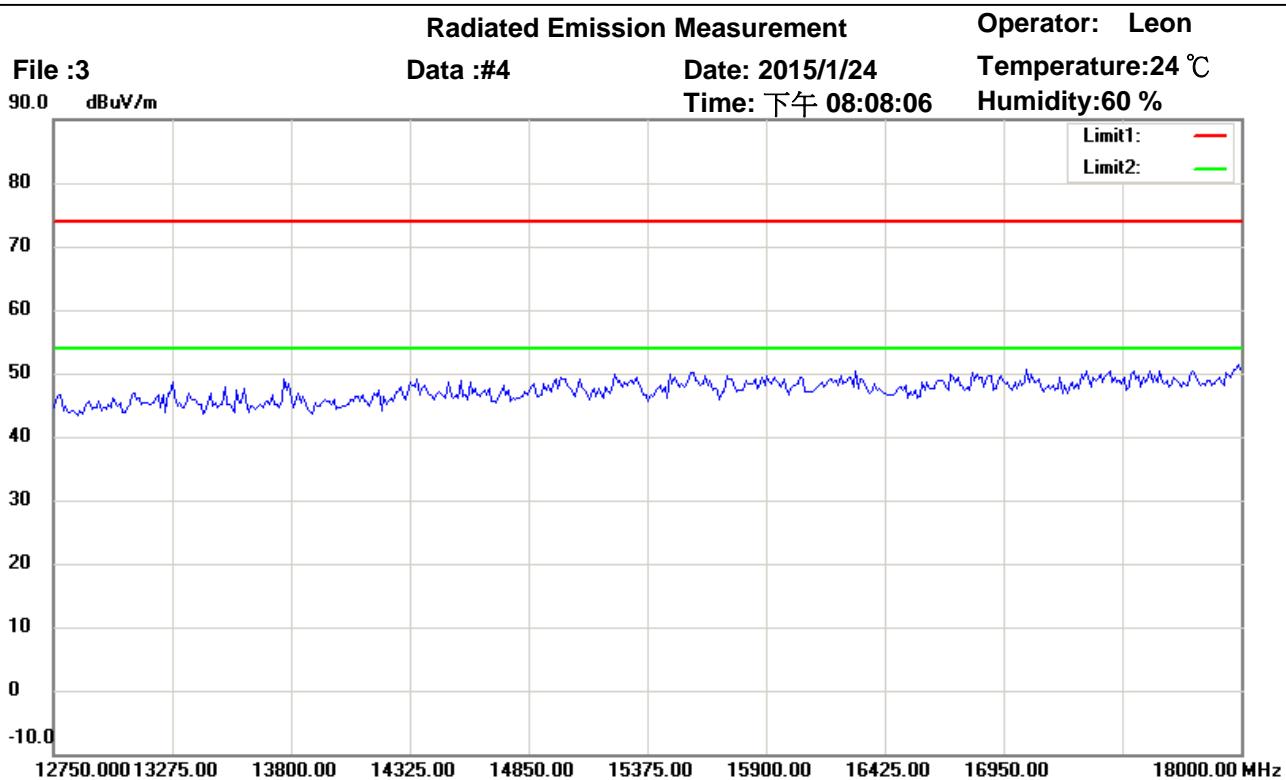
Test Mode : TX 802.11b CH11

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	35.17	peak	7.96	43.13	74.00	100	85	-30.87	
*	12310.000	34.16	peak	13.60	47.76	74.00	100	135	-26.24	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

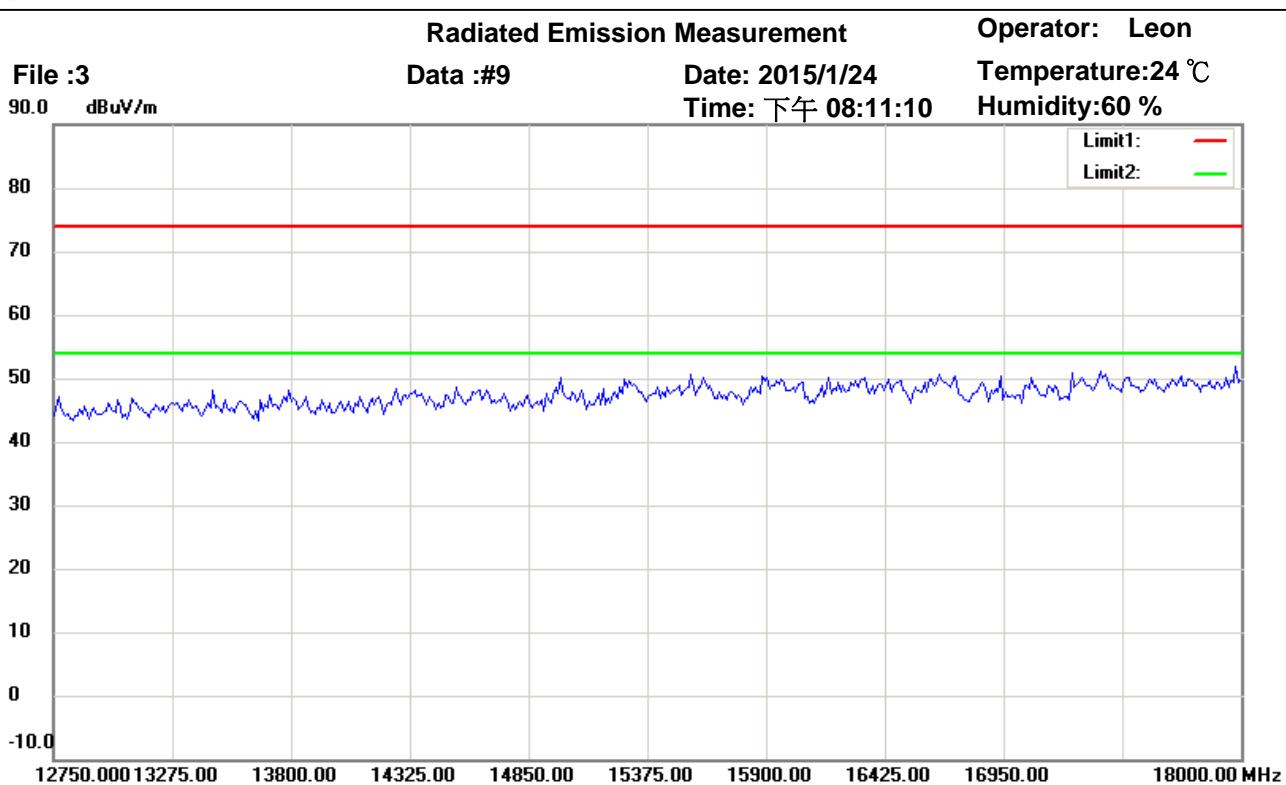
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

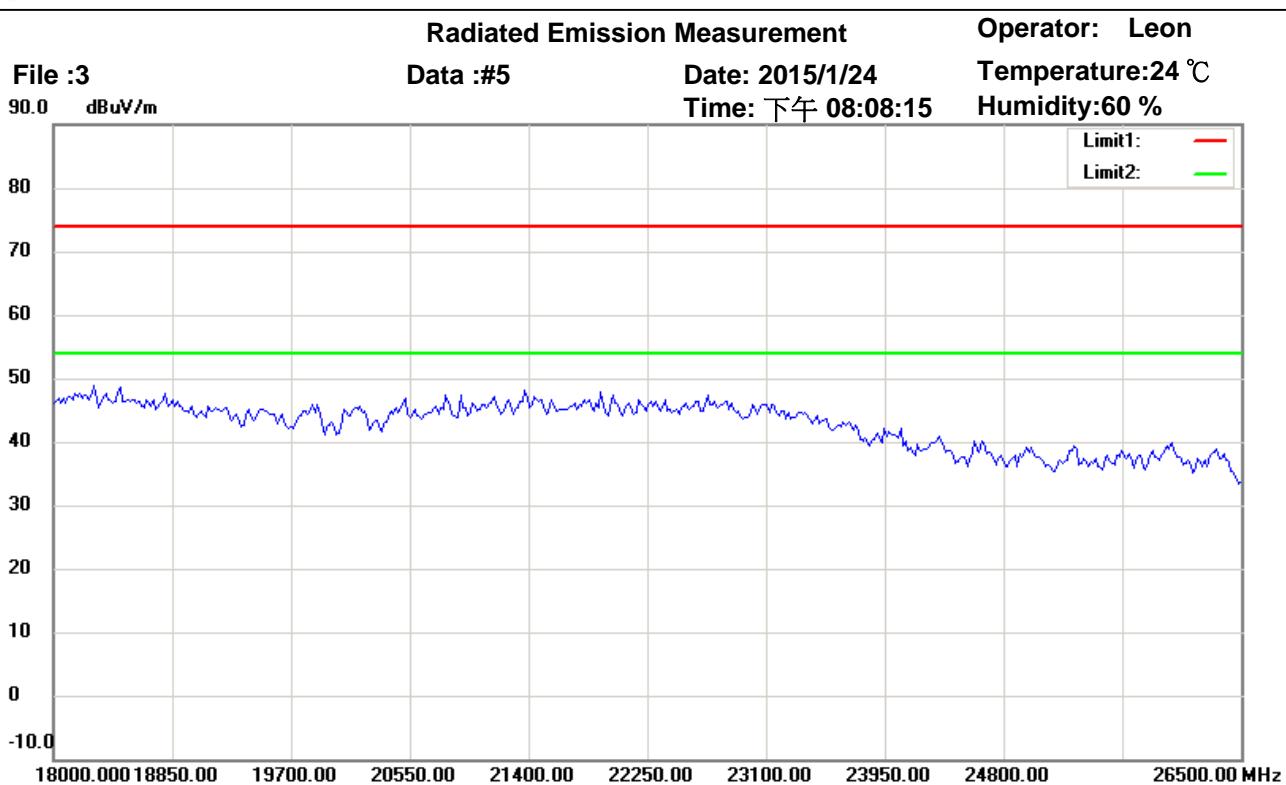
Test Mode : TX 802.11b CH11

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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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

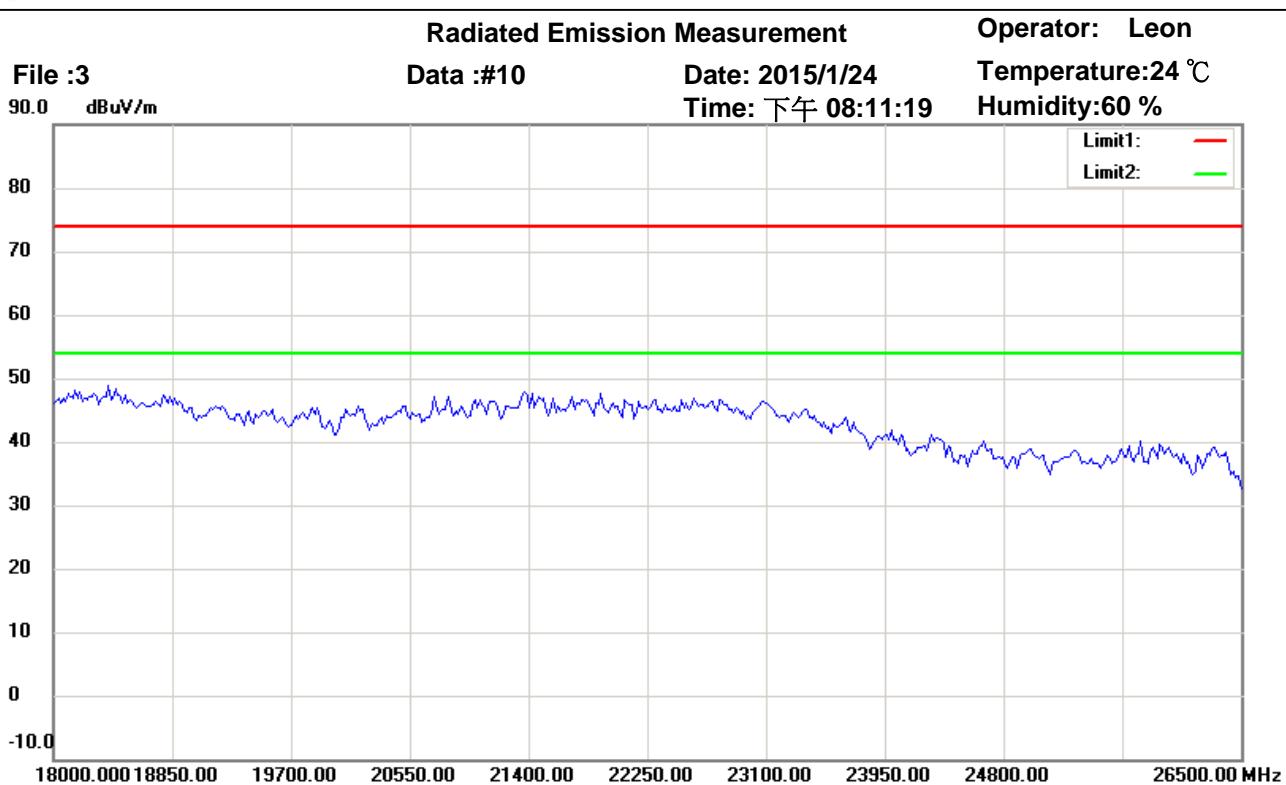
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

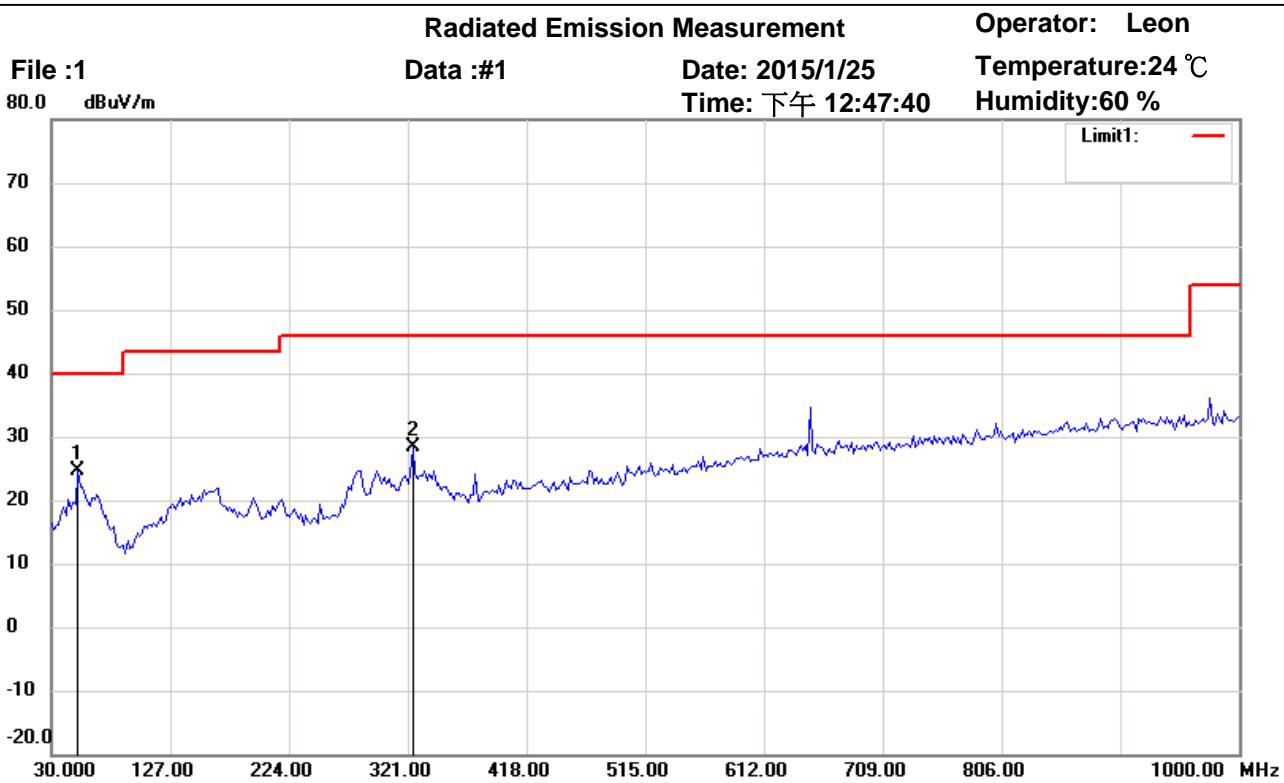
Test Mode : TX 802.11b CH11

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

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

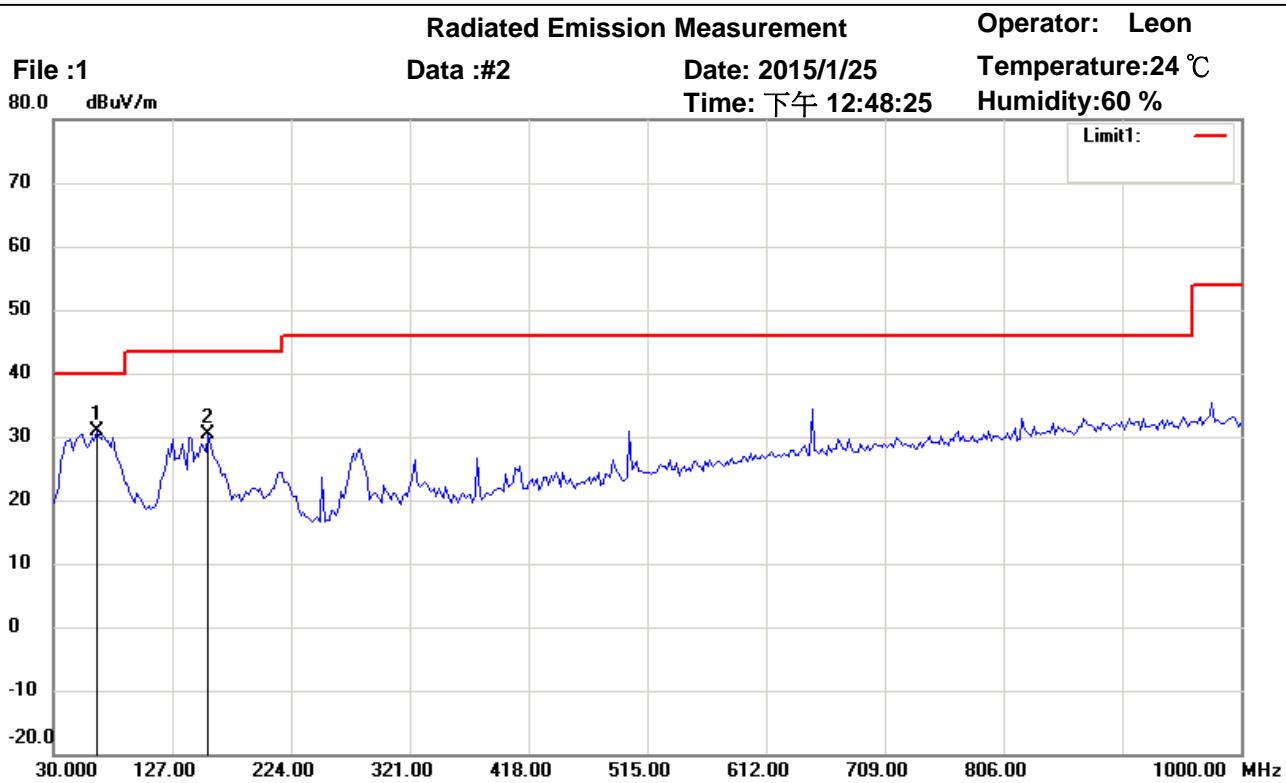
Test Mode : TX 802.11g CH1

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
*	51.3828	10.20	peak	14.41	24.61	40.00	100	15	-15.39	
	325.4708	11.53	peak	16.73	28.26	46.00	100	60	-17.74	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

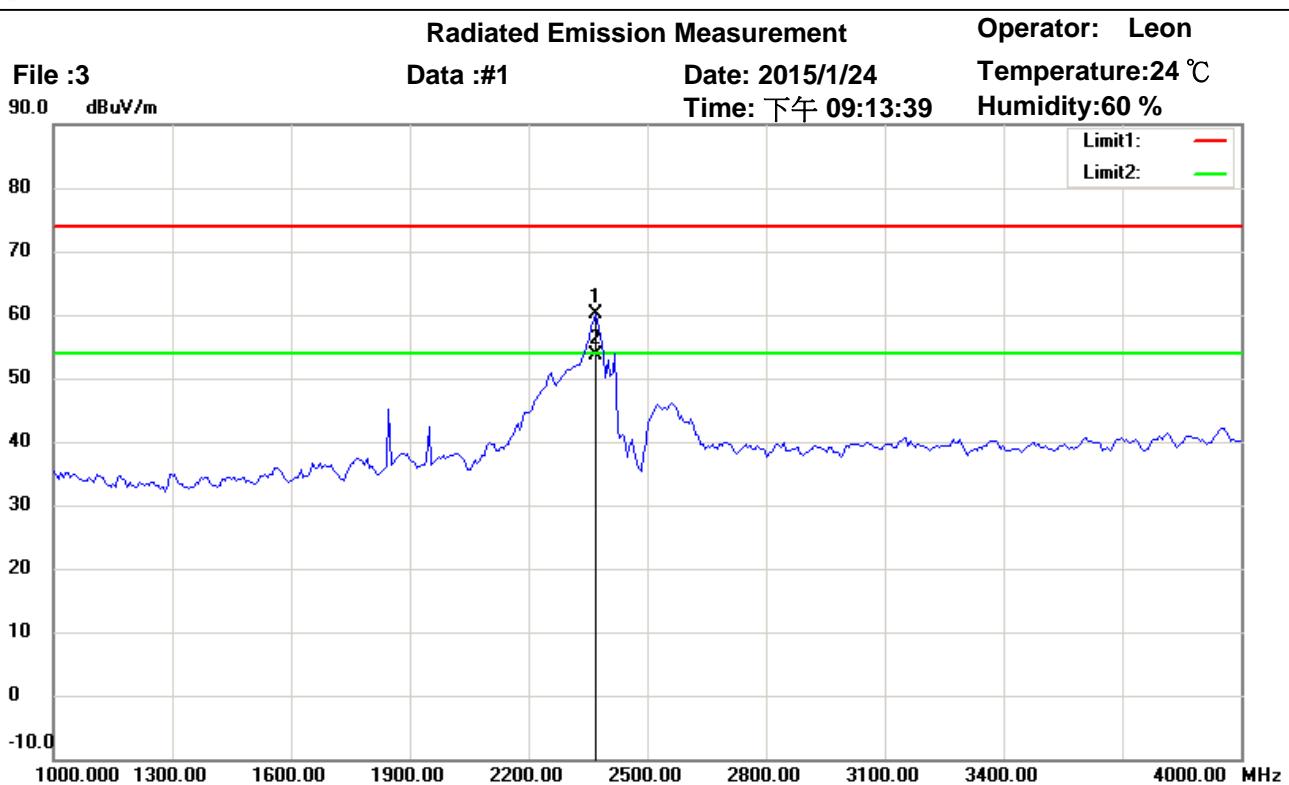
Test Mode : TX 802.11g CH1

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
*	64.9900	18.47	peak	12.51	30.98	40.00	100	155	-9.02	
	156.3527	14.78	peak	15.49	30.27	43.50	100	120	-13.23	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

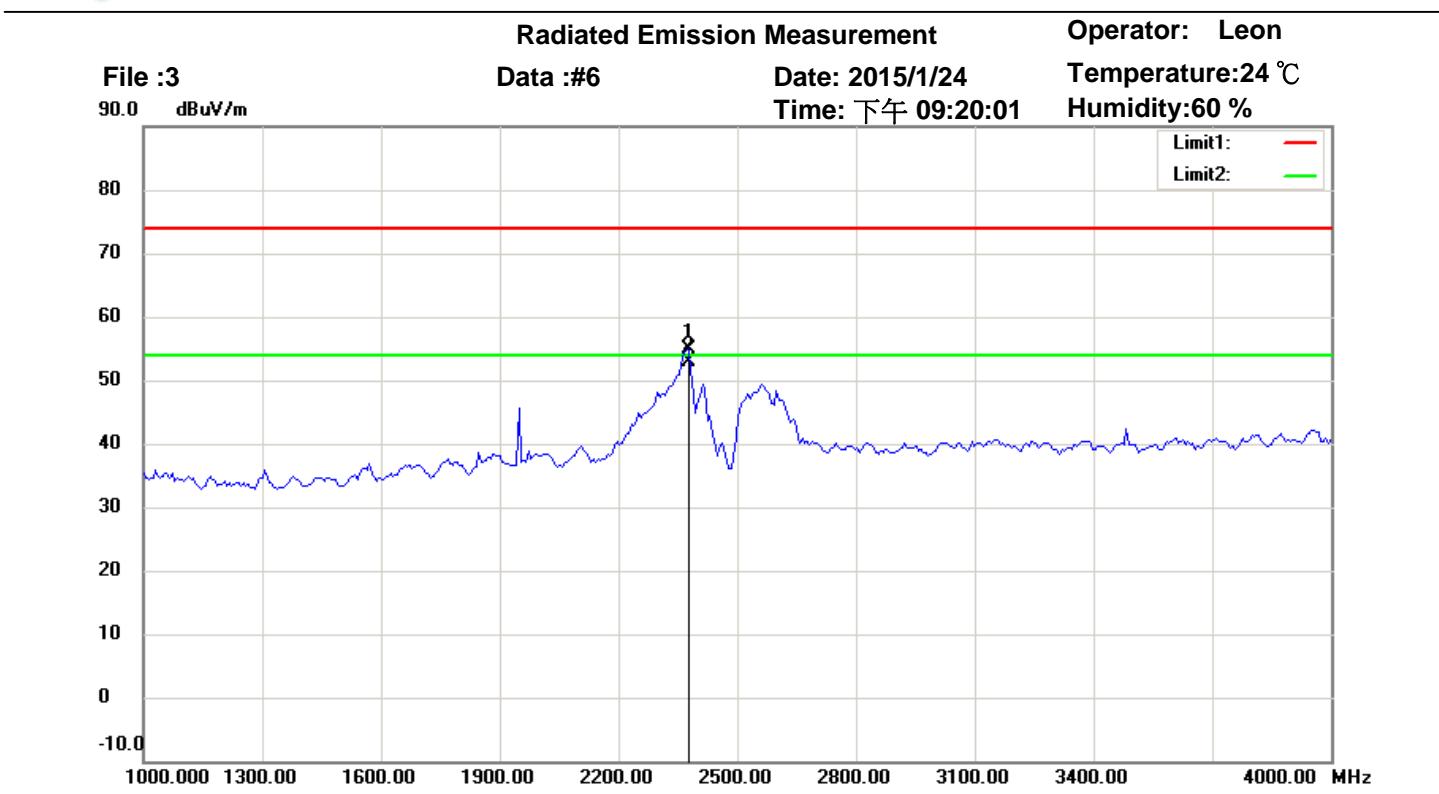
Test Mode : TX 802.11g CH1

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
	2366.854	64.88	peak	-4.87	60.01	74.00	100	93	-13.99	
*	2366.854	58.43	AVG	-4.87	53.56	54.00	100	93	-0.44	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

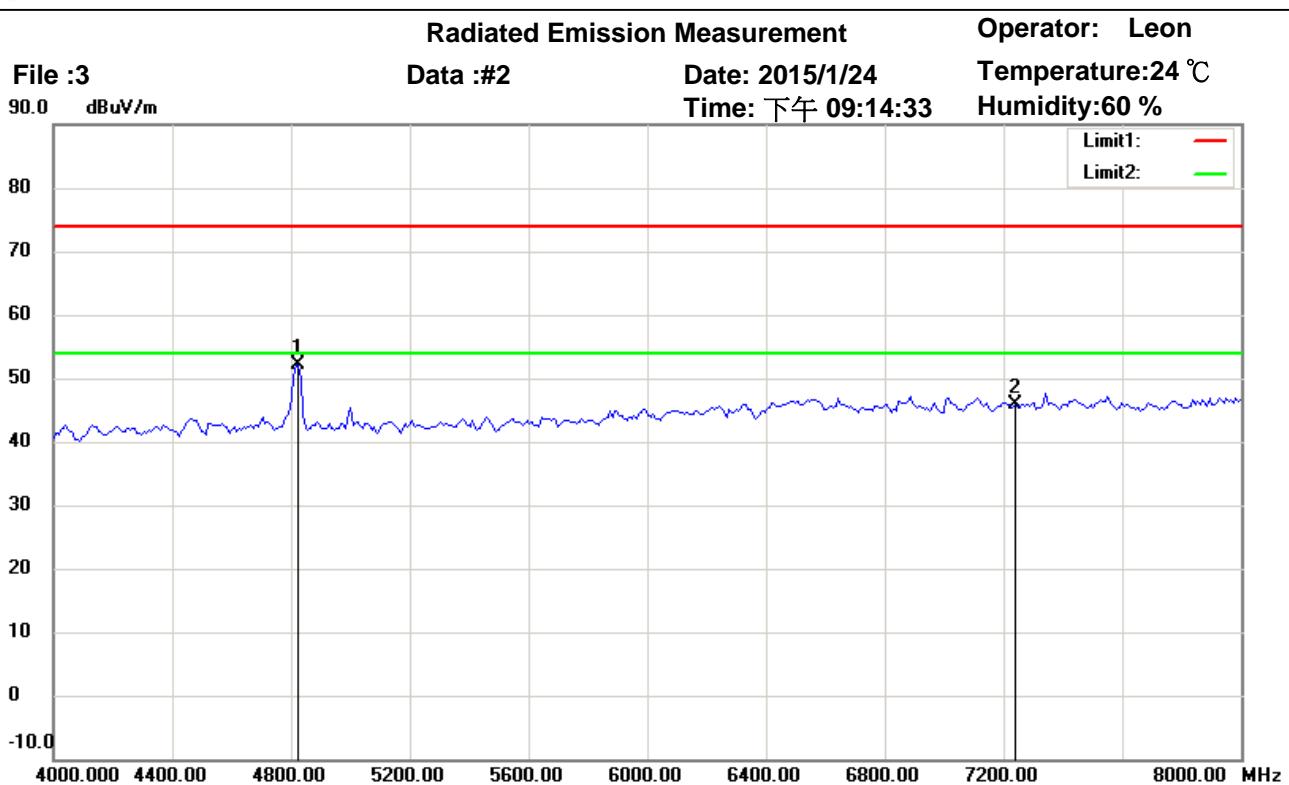
Test Mode : TX 802.11g CH1

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
	2376.753	59.73	peak	-4.82	54.91	74.00	100	110	-19.09	
*	2376.753	57.69	AVG	-4.82	52.87	54.00	100	110	-1.13	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

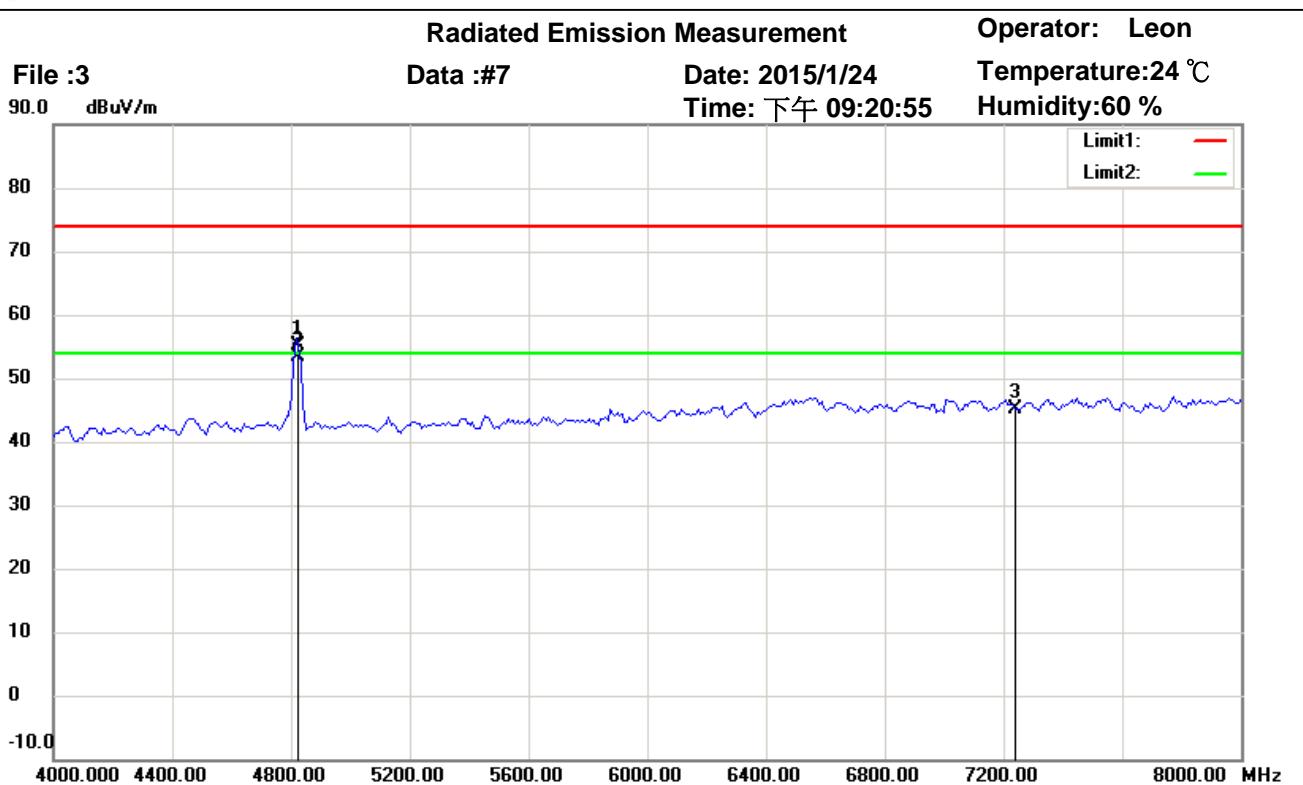
Test Mode : TX 802.11g CH1

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	51.46	peak	0.68	52.14	74.00	100	155	-21.86	
	7236.000	41.67	peak	4.30	45.97	74.00	100	130	-28.03	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

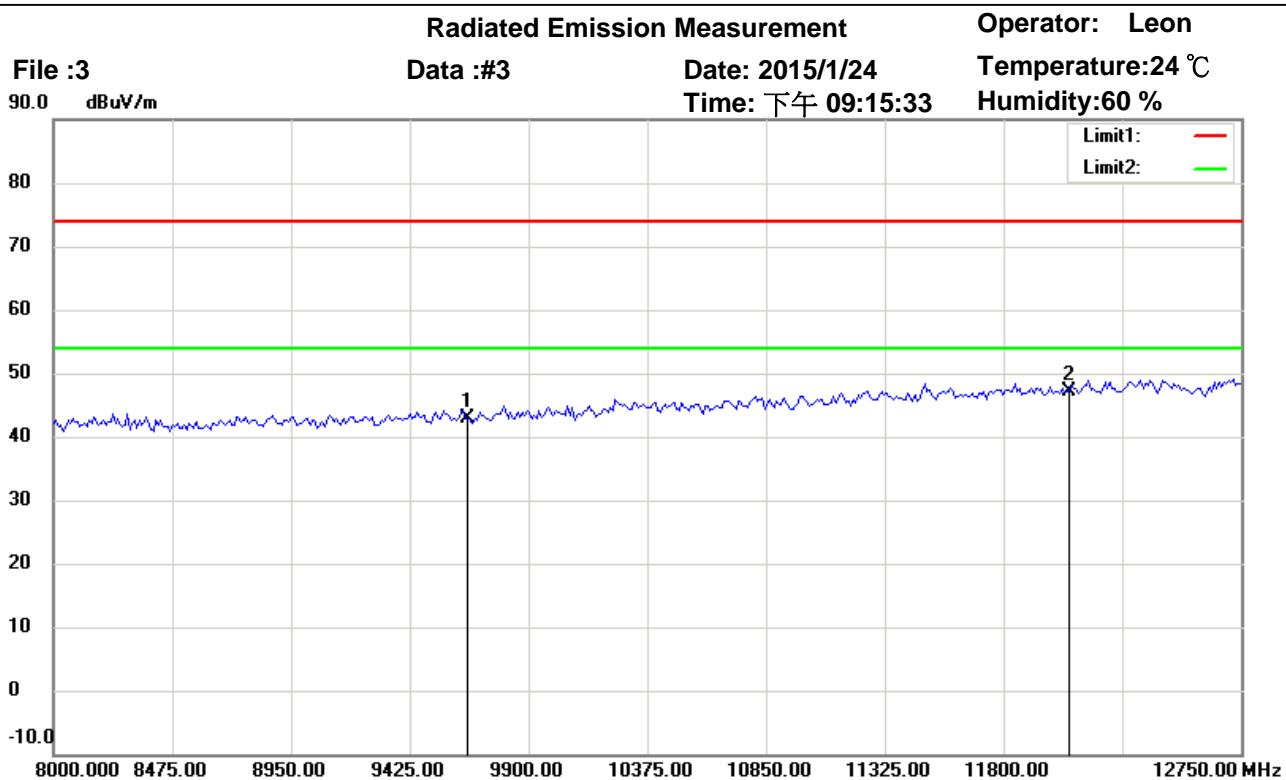
Test Mode : TX 802.11g CH1

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
	4823.018	54.39	peak	0.68	55.07	74.00	100	130	-18.93	
*	4823.018	52.70	AVG	0.68	53.38	54.00	100	130	-0.62	
	7236.000	40.72	peak	4.30	45.02	74.00	100	155	-28.98	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

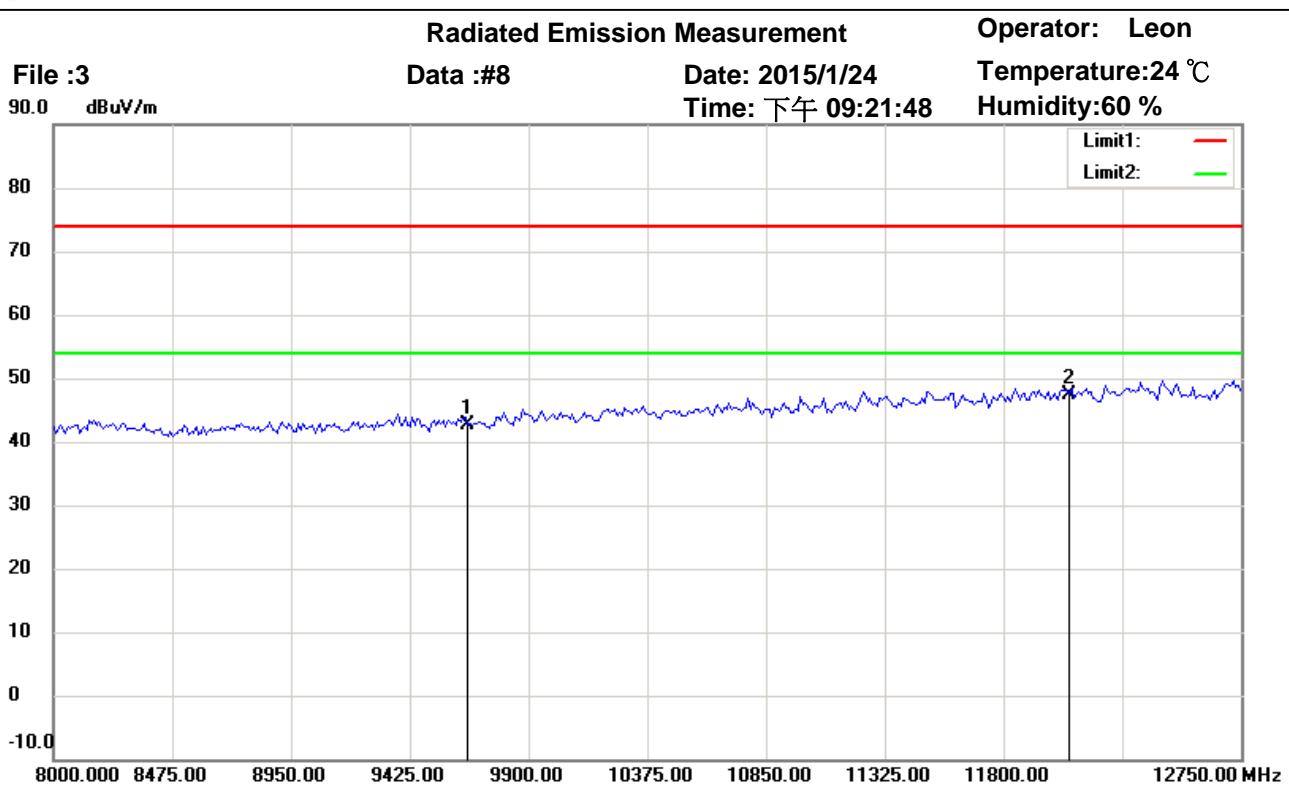
Test Mode : TX 802.11g CH1

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	35.31	peak	7.46	42.77	74.00	100	175	-31.23	
*	12060.000	33.97	peak	13.20	47.17	74.00	100	90	-26.83	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

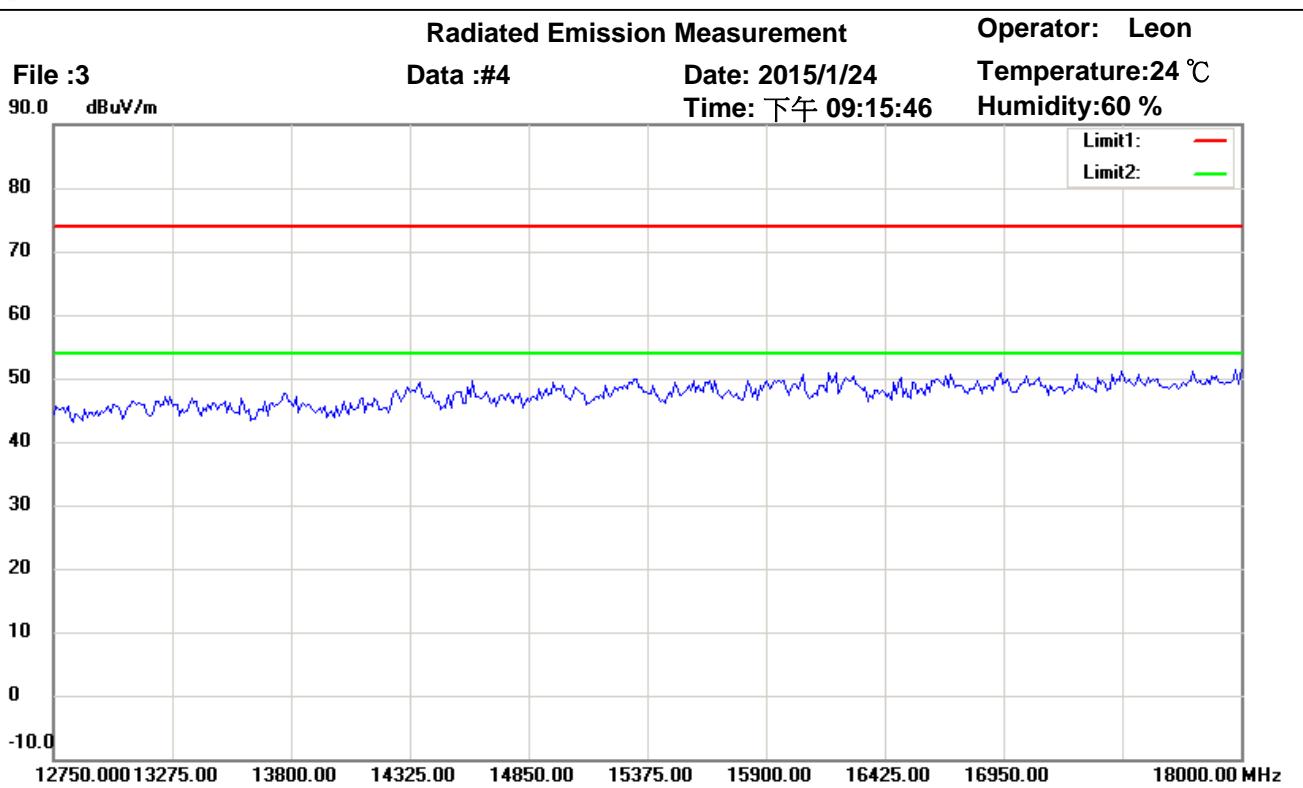
Test Mode : TX 802.11g CH1

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	35.17	peak	7.46	42.63	74.00	100	55	-31.37	
*	12060.000	34.18	peak	13.20	47.38	74.00	100	170	-26.62	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

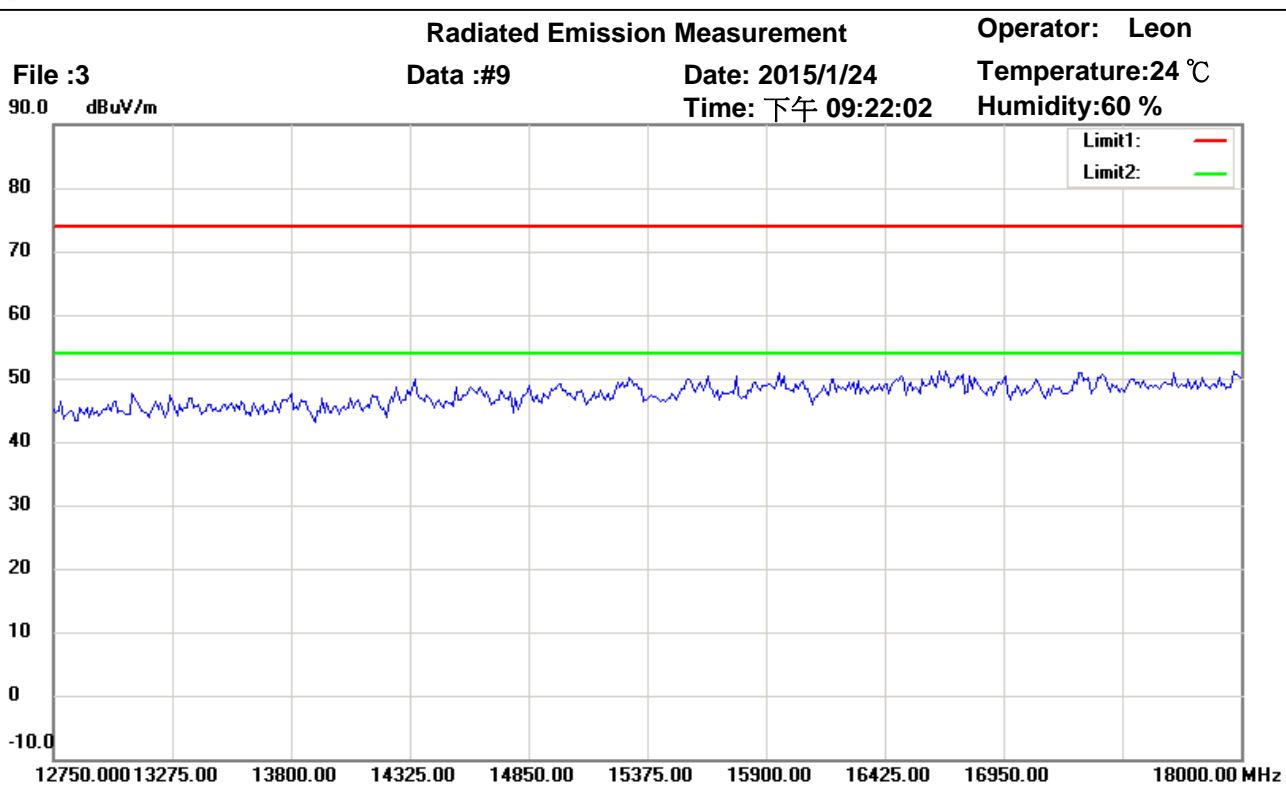
Test Mode : TX 802.11g CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

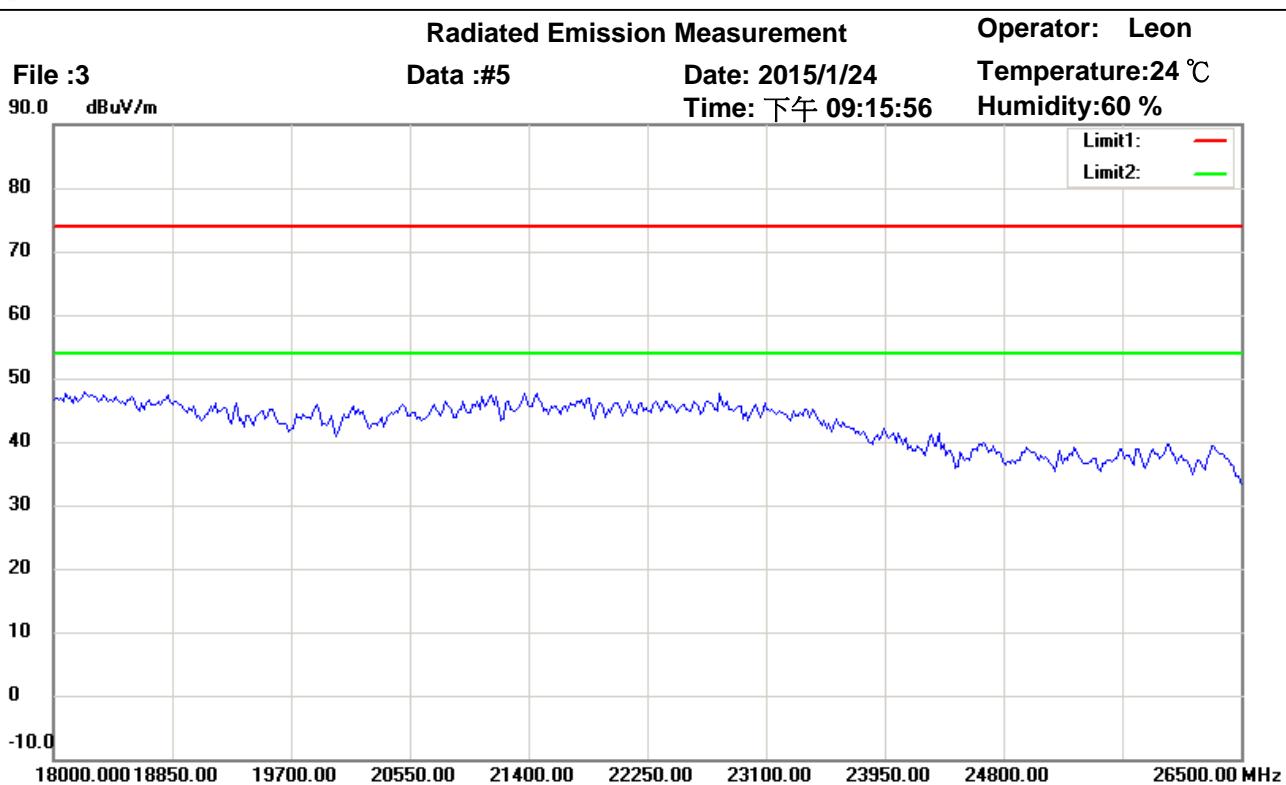
Test Mode : TX 802.11g CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

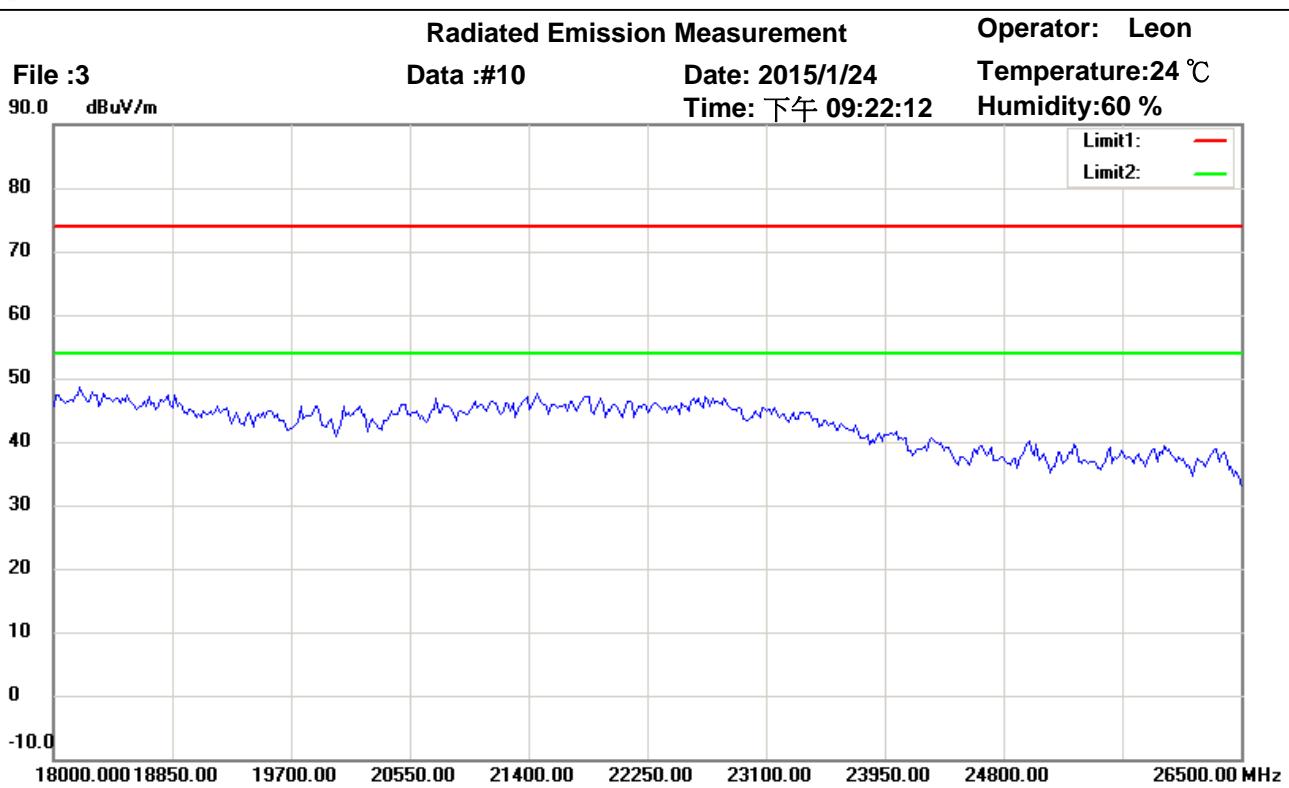
Test Mode : TX 802.11g CH1

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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Fax:+886-2-6606-8875



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

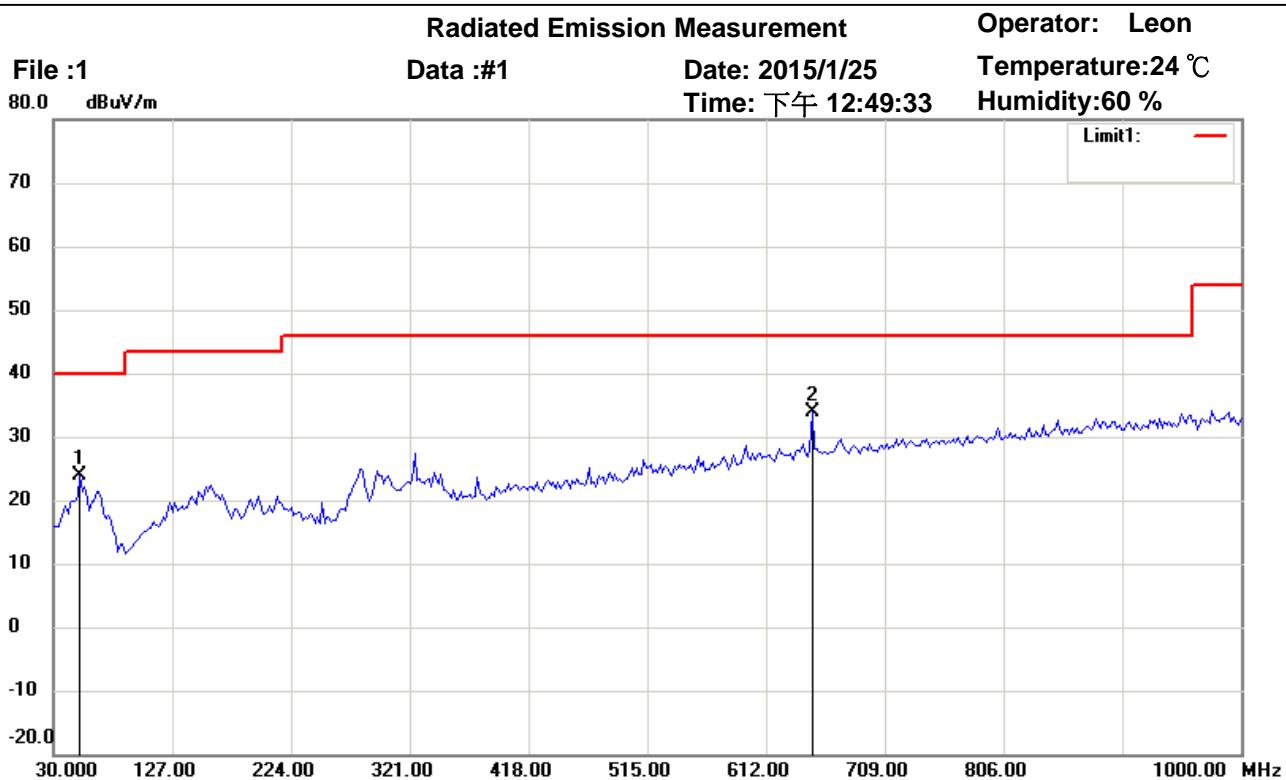
Test Mode : TX 802.11g CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

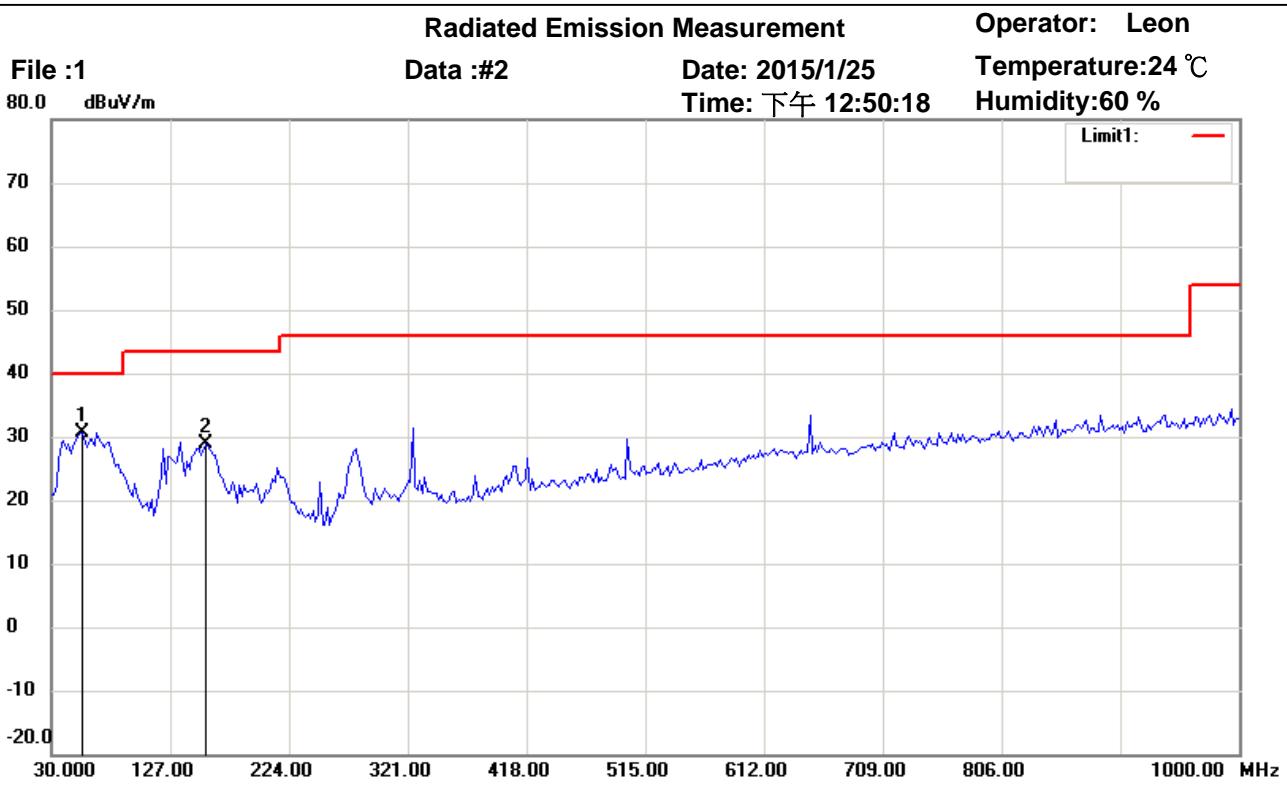
Test Mode : TX 802.11g CH6

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	9.36	peak	14.41	23.77	40.00	100	165	-16.23	
*	650.1001	9.21	peak	24.56	33.77	46.00	100	90	-12.23	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

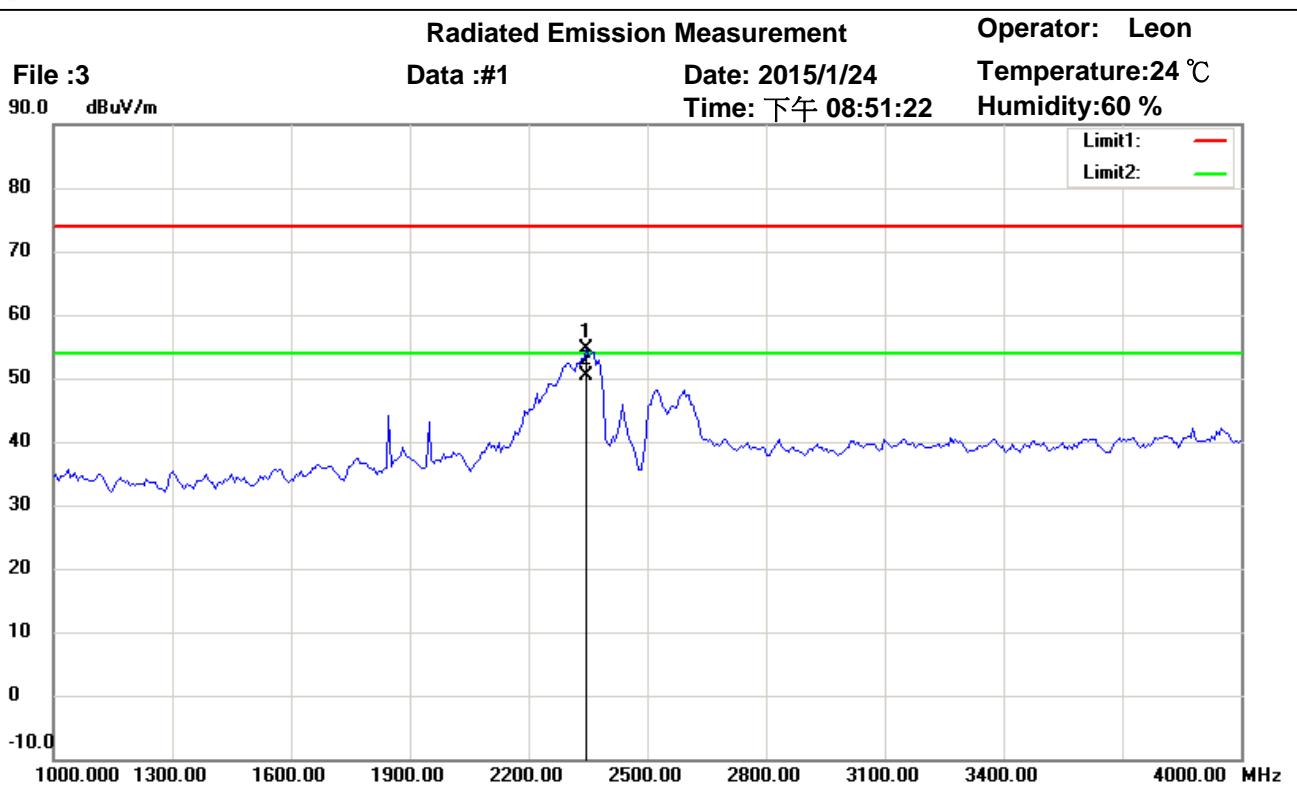
Test Mode : TX 802.11g CH6

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
*	55.2705	16.90	peak	13.82	30.72	40.00	100	45	-9.28	
	156.3527	13.37	peak	15.49	28.86	43.50	100	130	-14.64	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

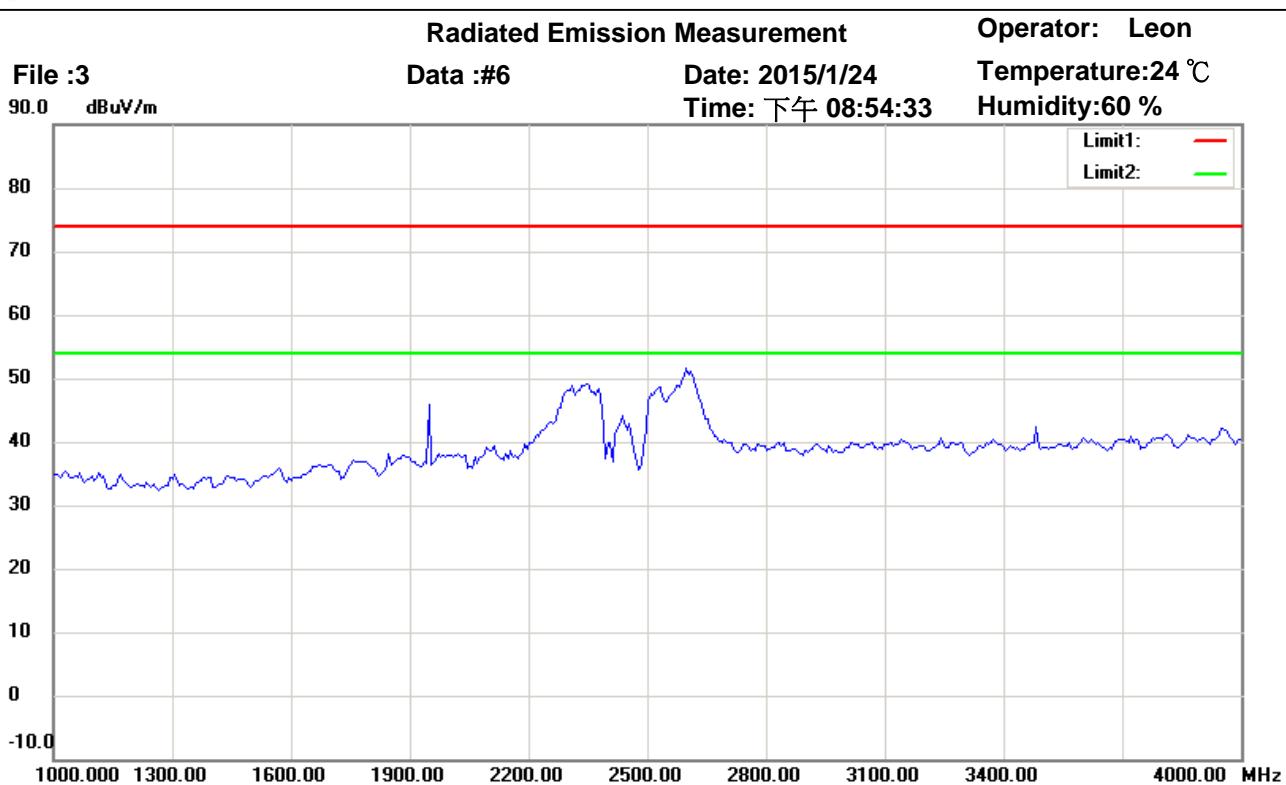
Test Mode : TX 802.11g CH6

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
	2346.693	59.47	peak	-4.96	54.51	74.00	100	135	-19.49	
*	2346.693	55.36	AVG	-4.96	50.40	54.00	100	135	-3.60	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

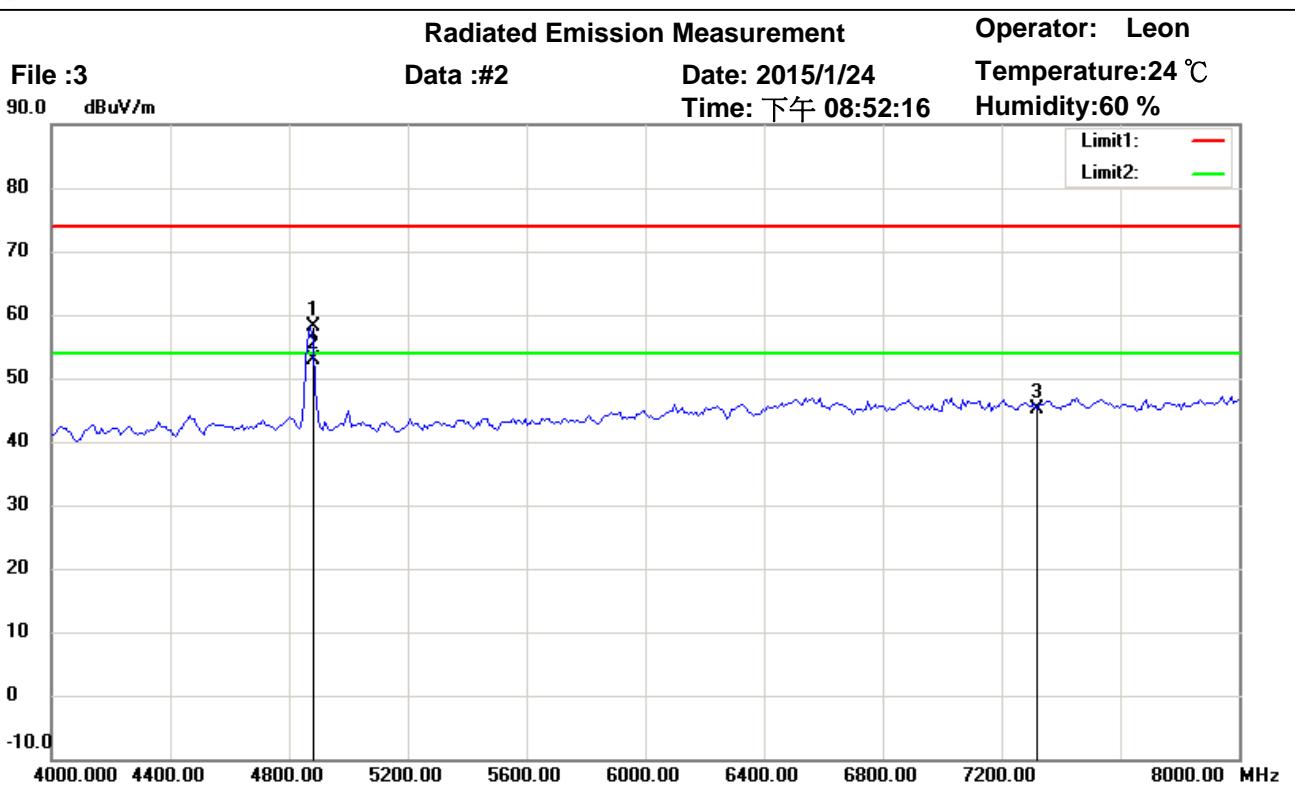
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

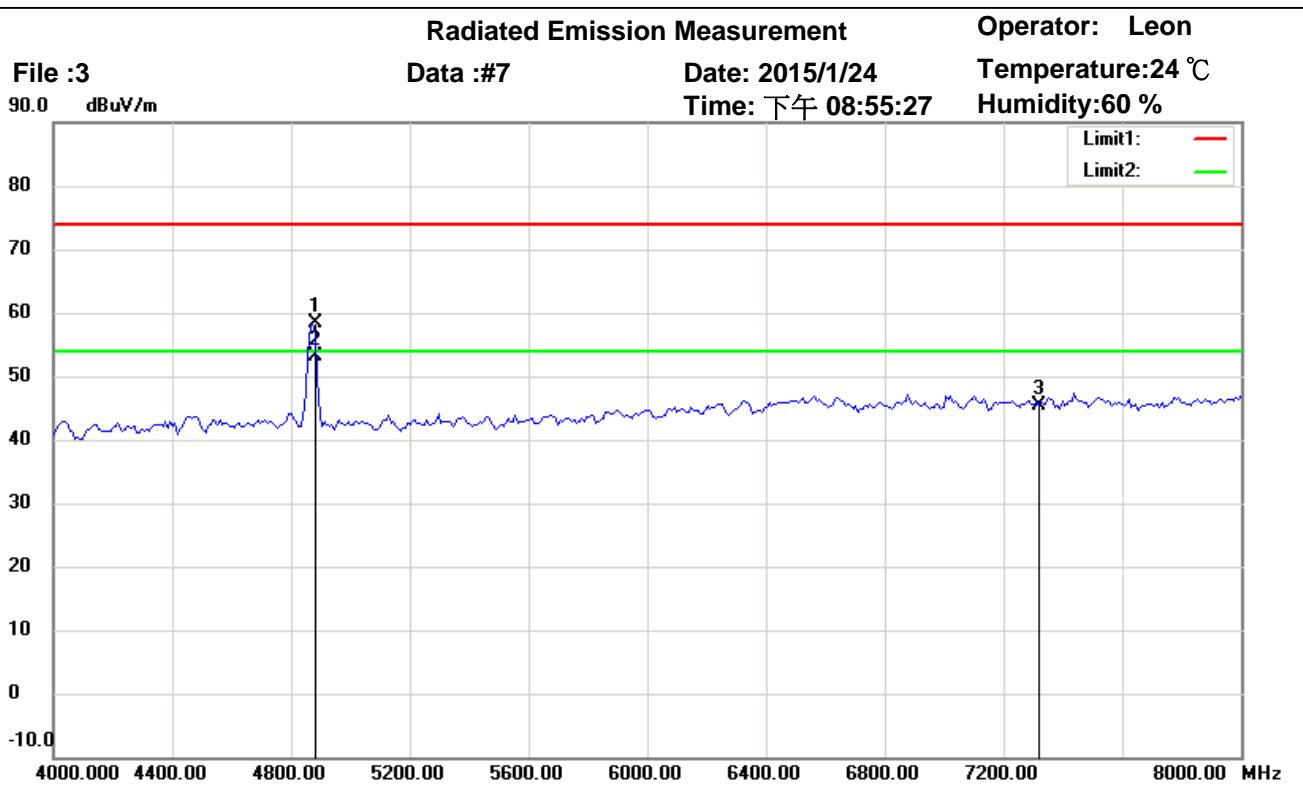
Note :

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	57.38	peak	0.73	58.11	74.00	100	150	-15.89	
*	4873.748	52.23	AVG	0.73	52.96	54.00	100	150	-1.04	
	7311.000	40.71	peak	4.39	45.10	74.00	100	90	-28.90	

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



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

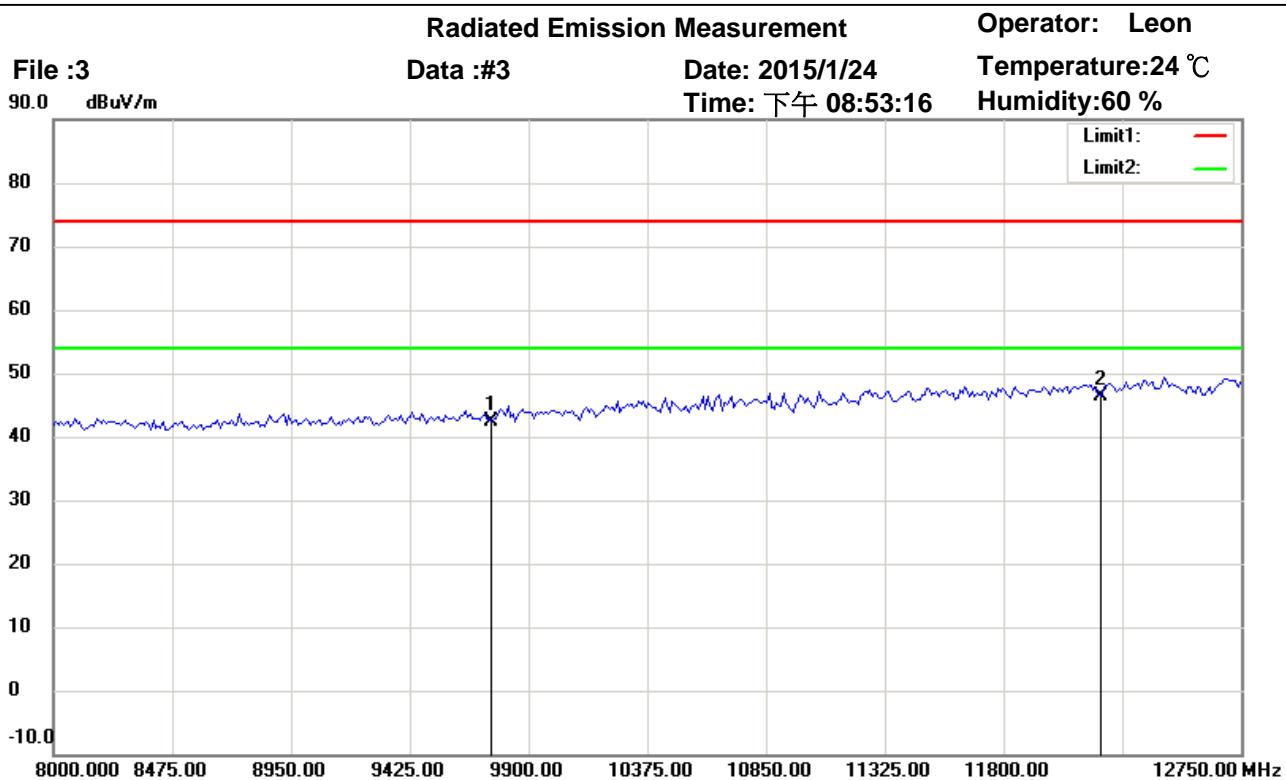
Test Mode : TX 802.11g CH6

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
	4874.329	57.56	peak	0.73	58.29	74.00	100	75	-15.71	
*	4874.329	52.47	AVG	0.73	53.20	54.00	100	75	-0.80	
	7311.000	40.92	peak	4.39	45.31	74.00	100	125	-28.69	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

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	34.83	peak	7.58	42.41	74.00	100	145	-31.59	
*	12185.000	32.72	peak	13.77	46.49	74.00	100	70	-27.51	



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File :3

Radiated Emission Measurement

Operator: Leon

Data :#8

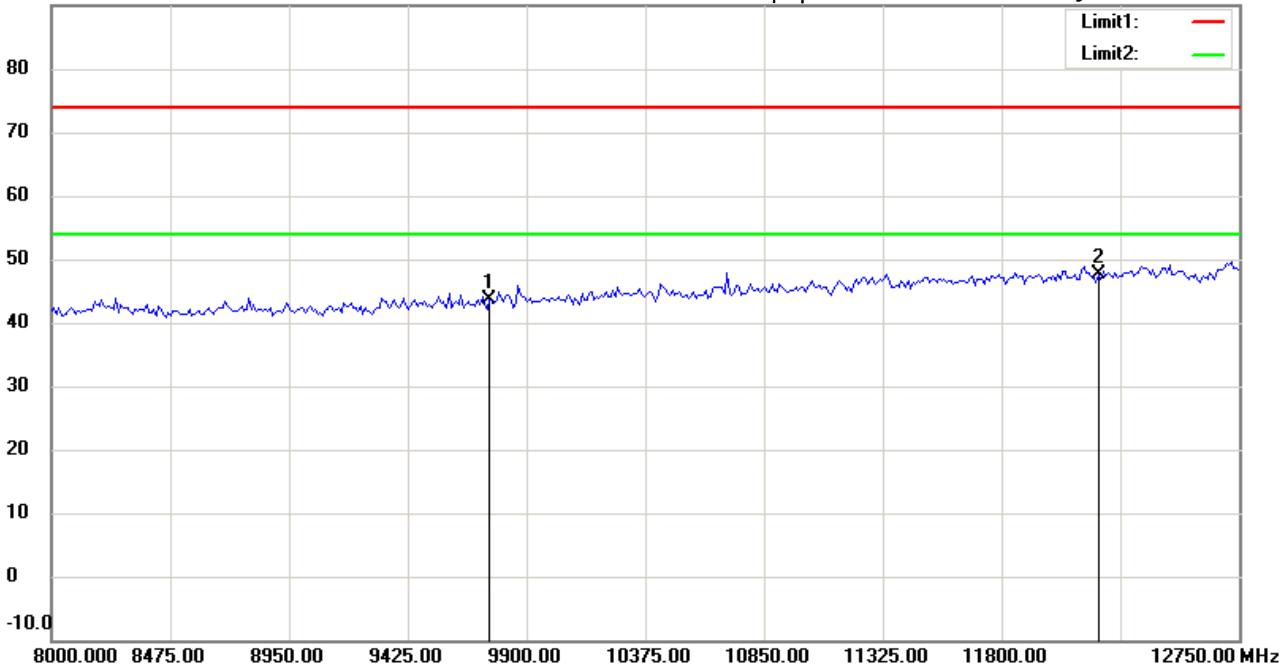
Date: 2015/1/24

Temperature:24 °C

90.0 dBuV/m

Time: 下午 08:56:20

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

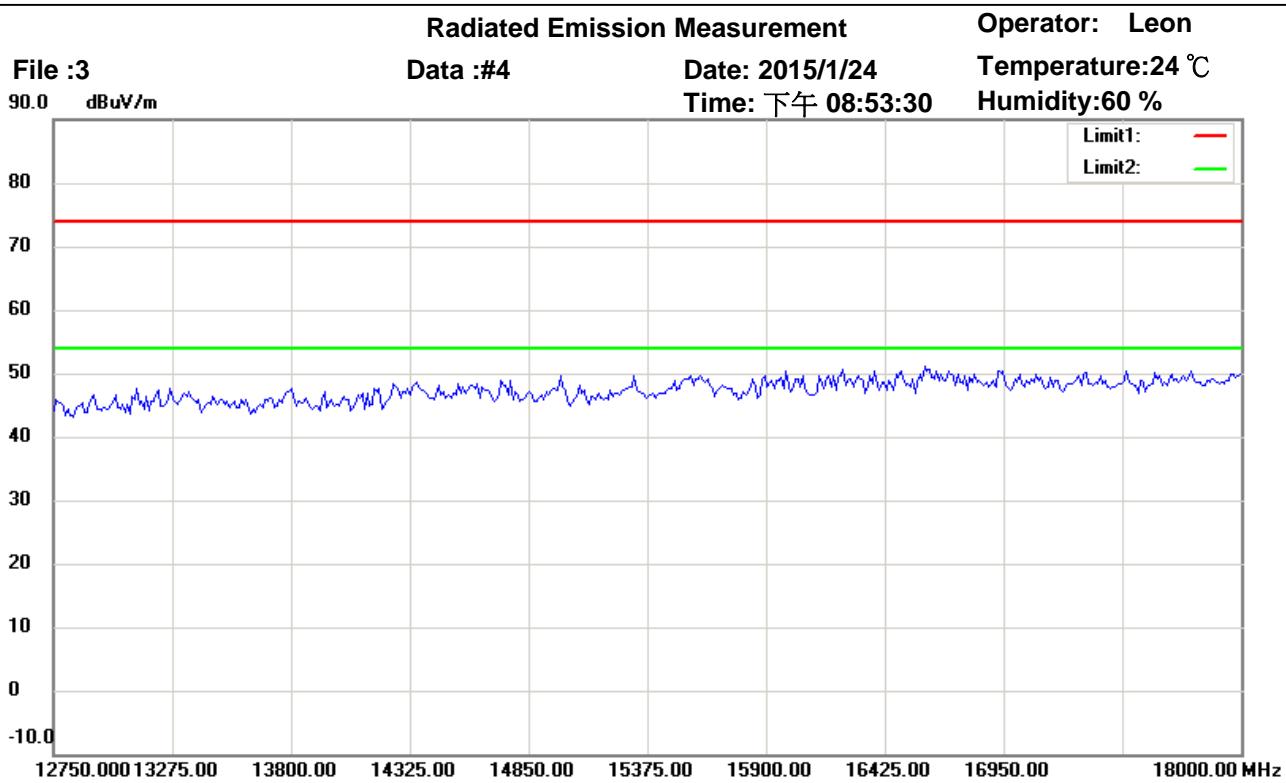
Test Mode : TX 802.11g CH6

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	36.07	peak	7.58	43.65	74.00	100	220	-30.35	
*	12185.000	33.82	peak	13.77	47.59	74.00	100	190	-26.41	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

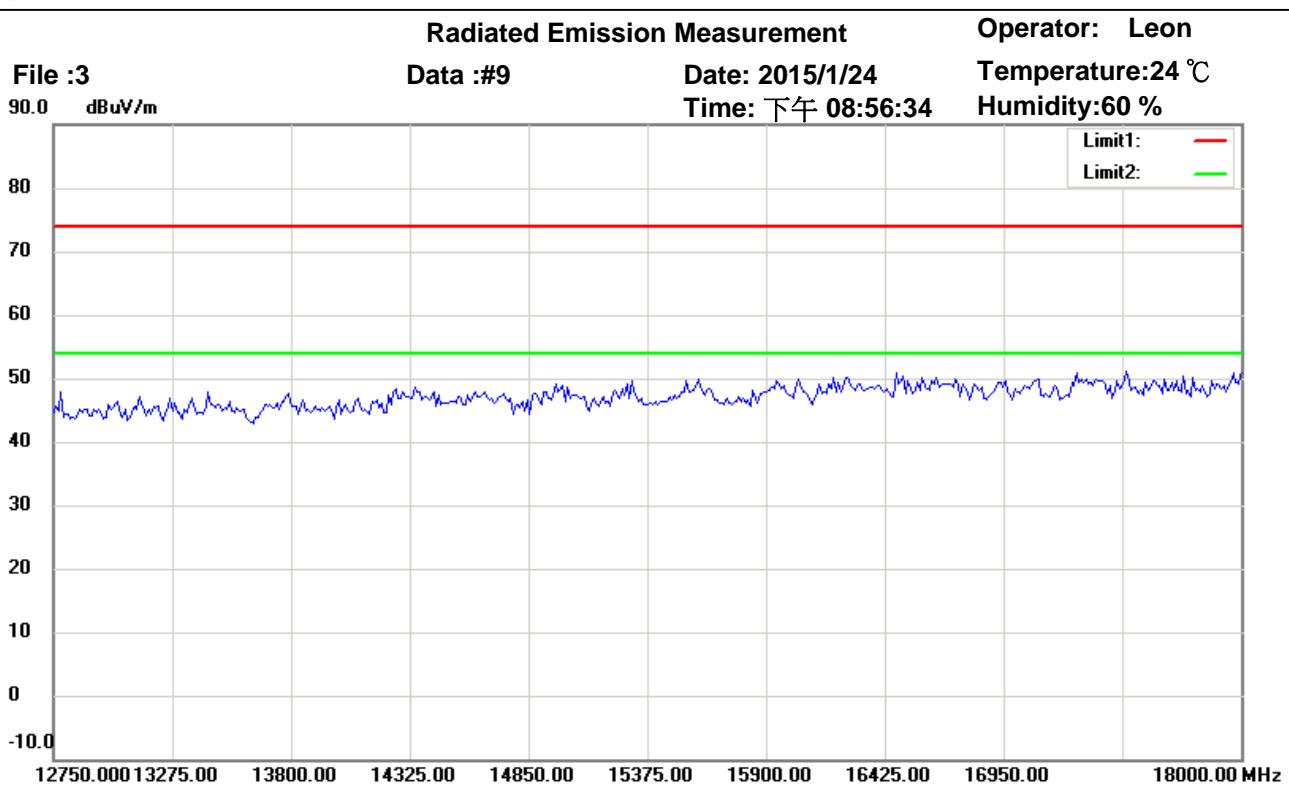
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Note :

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

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

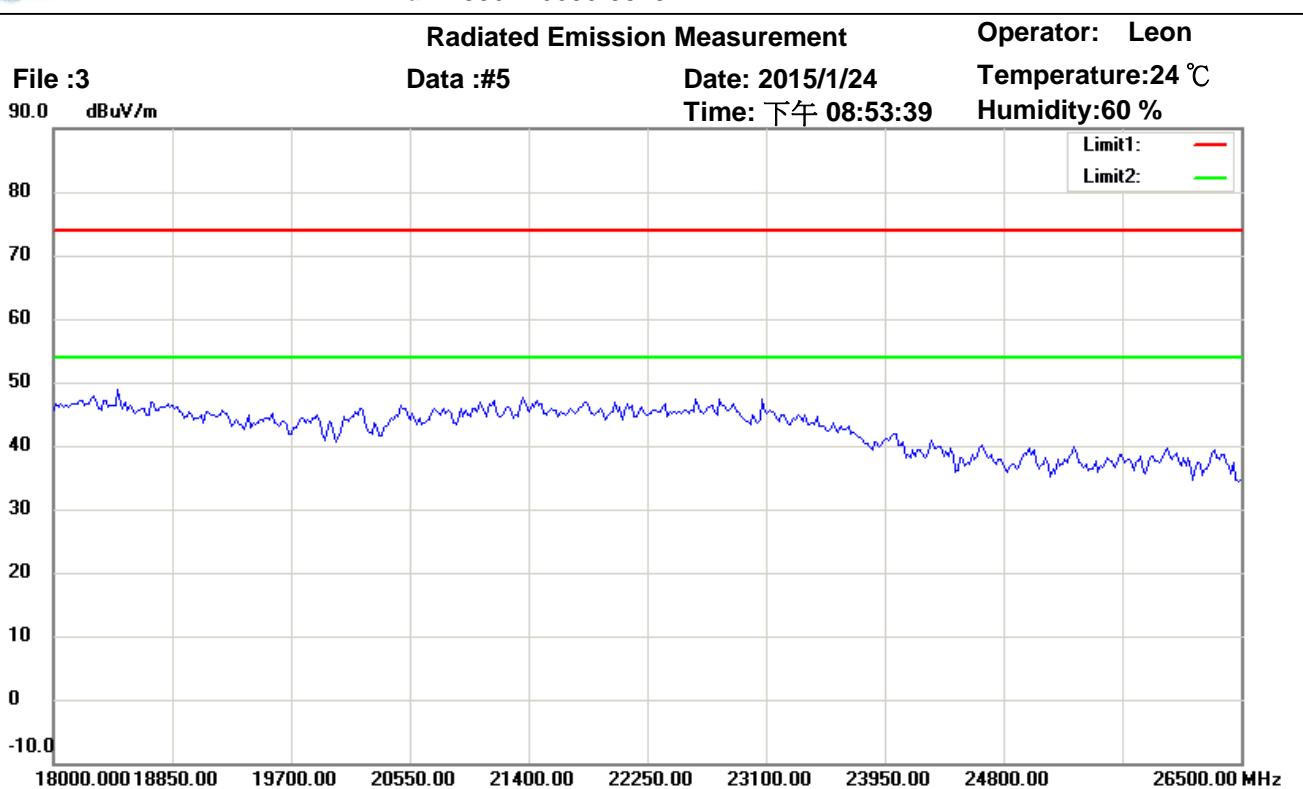
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

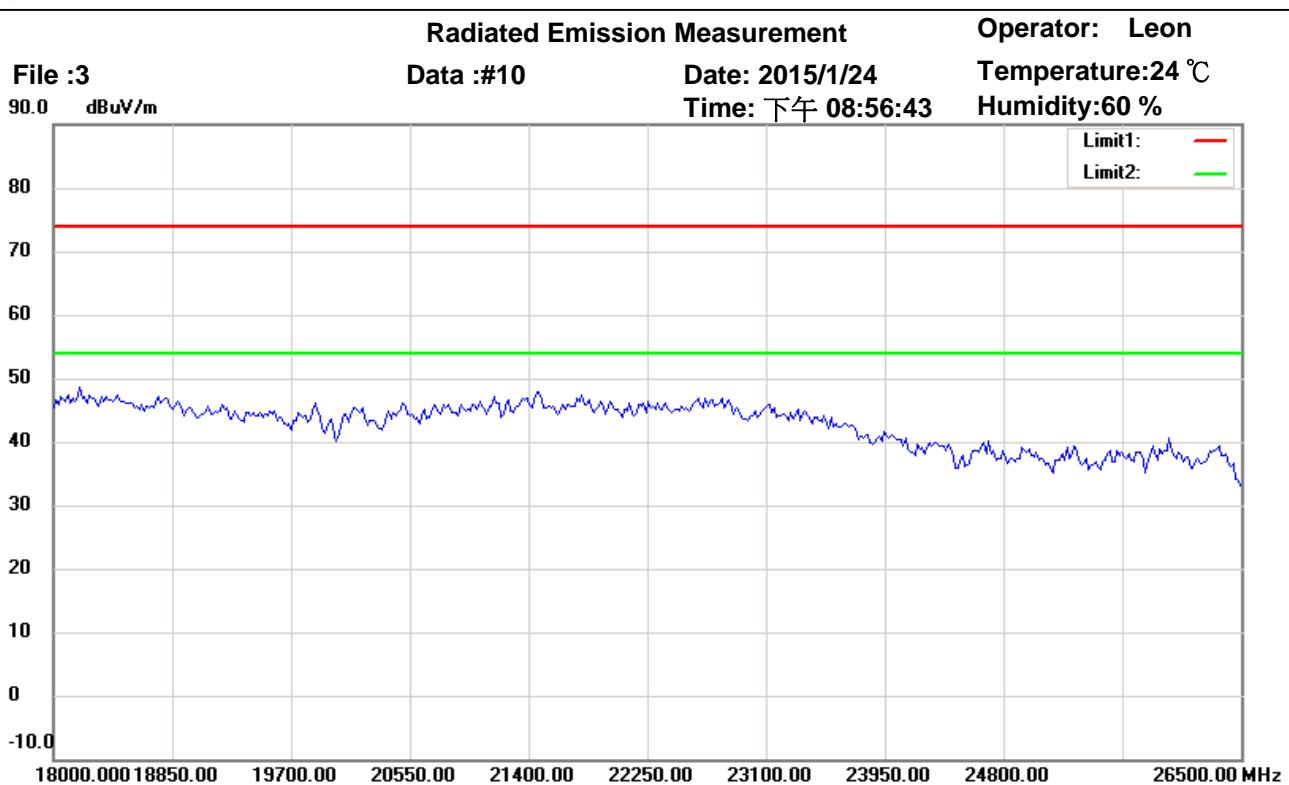
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

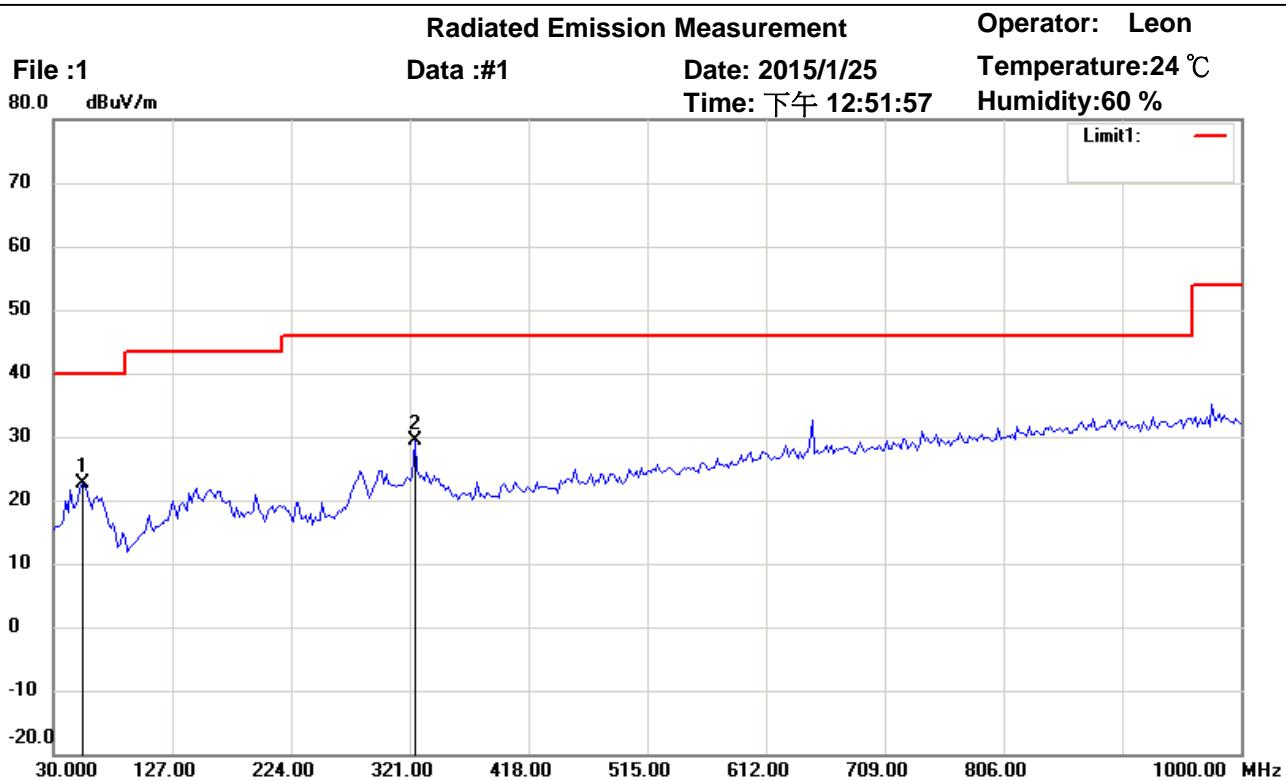
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

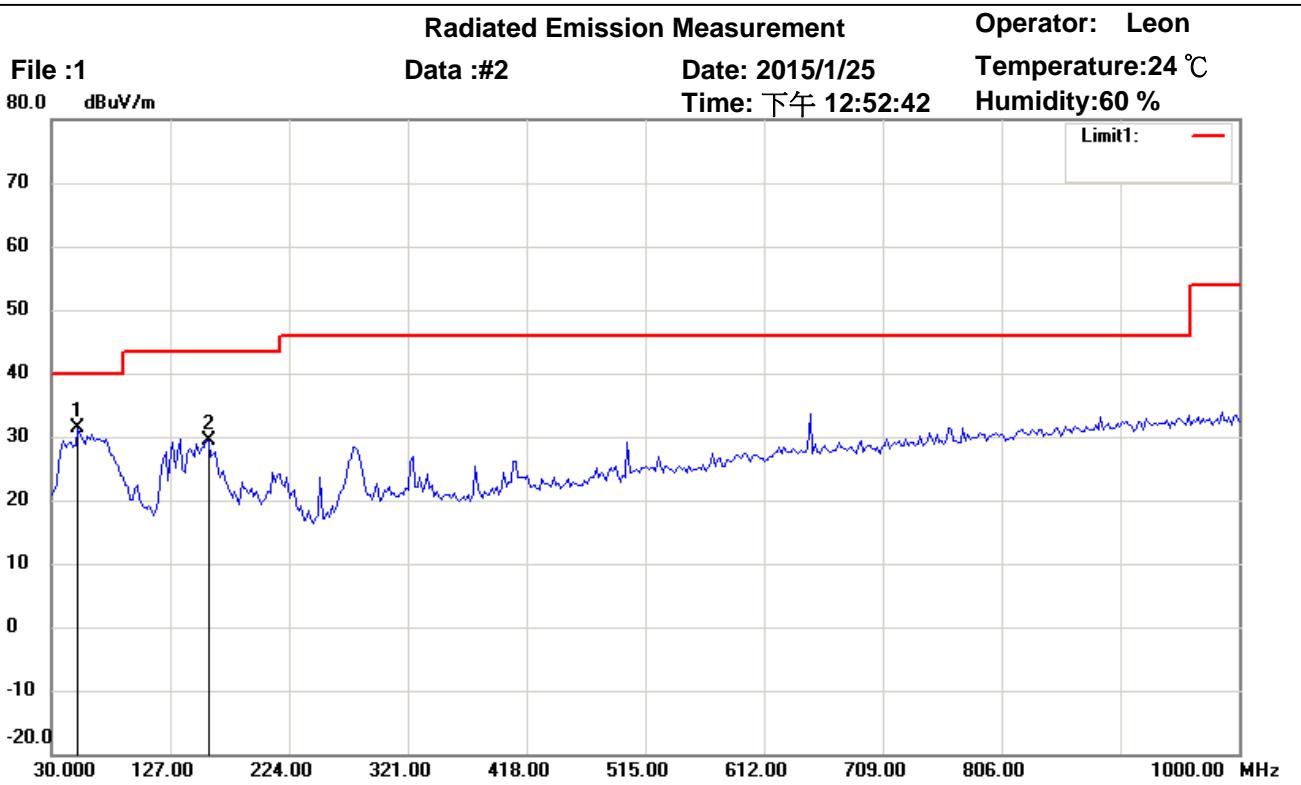
Test Mode : TX 802.11g CH11

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
	53.3267	8.45	peak	14.12	22.57	40.00	100	120	-17.43	
*	325.4708	12.58	peak	16.73	29.31	46.00	100	75	-16.69	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

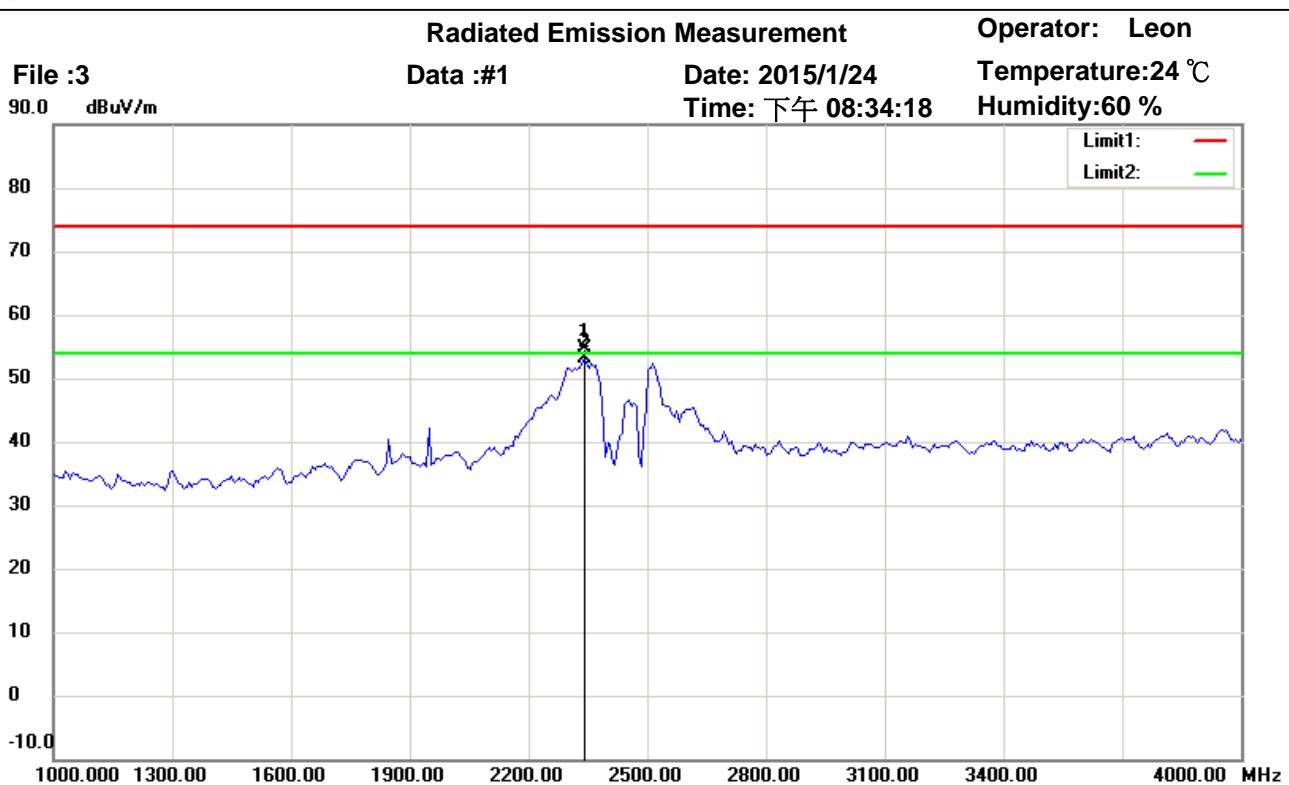
Test Mode : TX 802.11g CH11

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
*	51.3828	17.04	peak	14.41	31.45	40.00	100	75	-8.55	
	158.2966	13.97	peak	15.49	29.46	43.50	100	165	-14.04	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

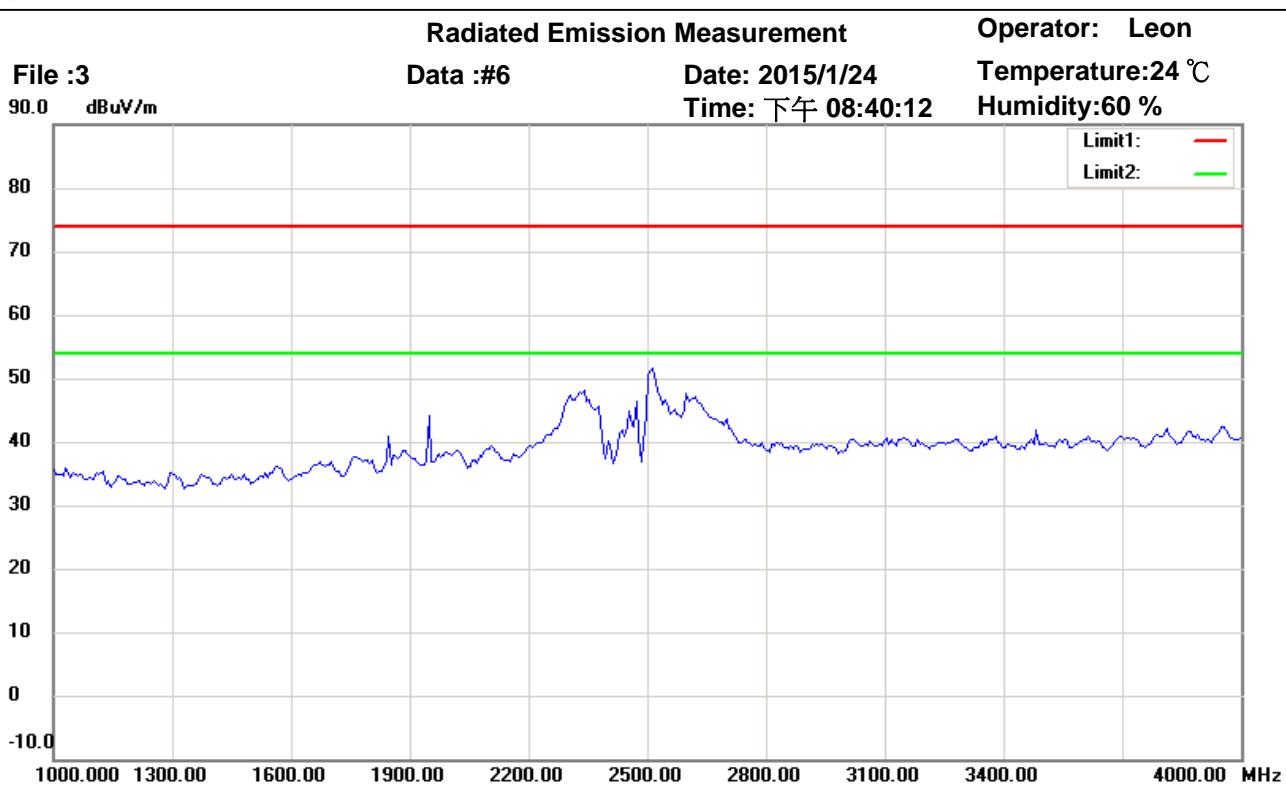
Test Mode : TX 802.11g CH11

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
	2340.681	59.64	peak	-4.99	54.65	74.00	100	130	-19.35	
*	2340.681	58.22	AVG	-4.99	53.23	54.00	100	130	-0.77	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

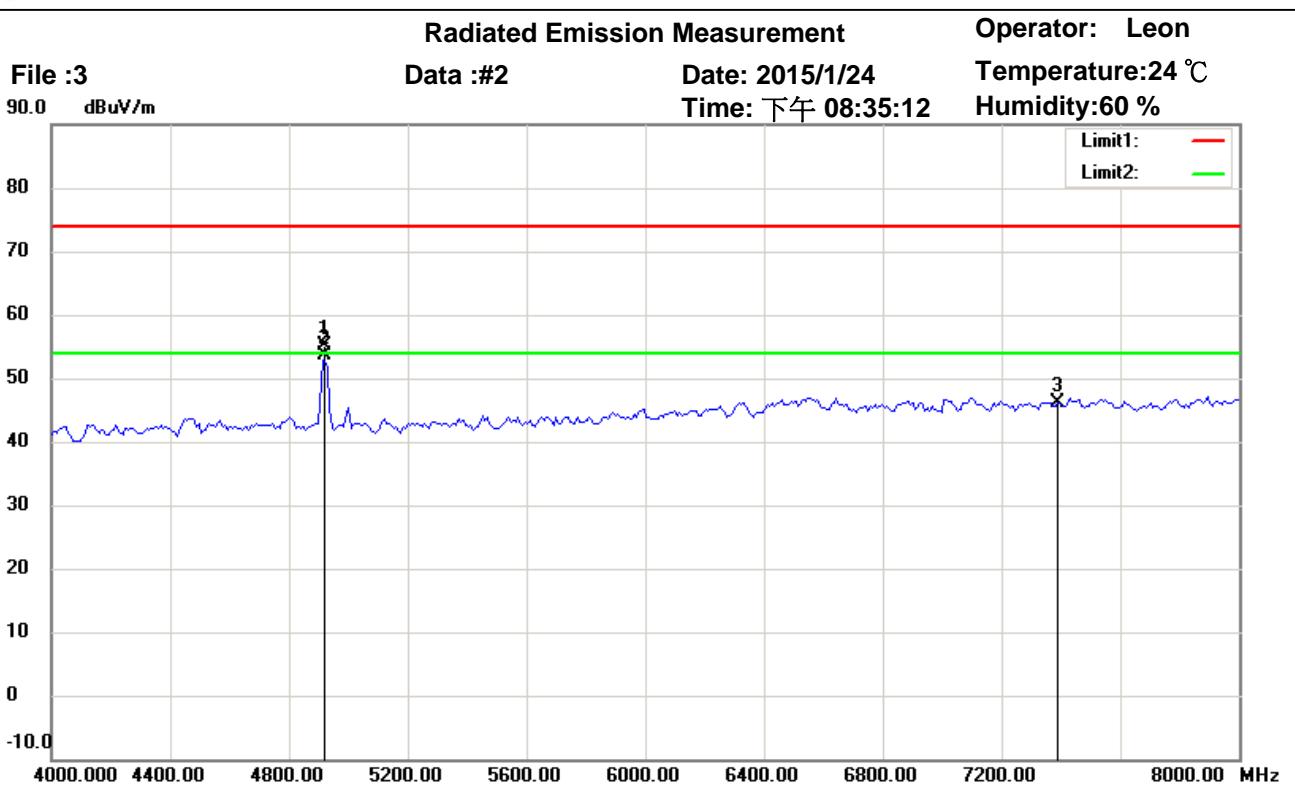
Test Mode : TX 802.11g CH11

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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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

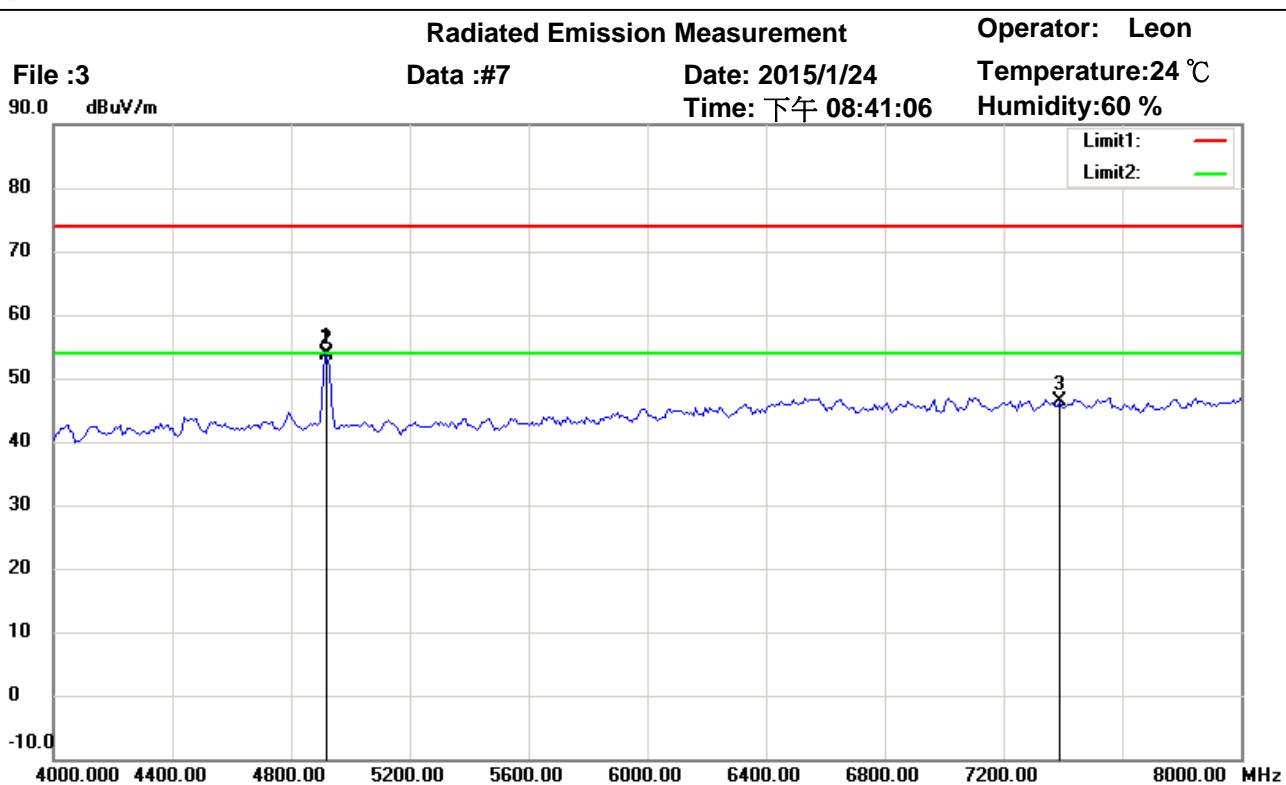
Test Mode : TX 802.11g CH11

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
	4913.828	54.23	peak	0.79	55.02	74.00	100	210	-18.98	
*	4913.828	52.75	AVG	0.79	53.54	54.00	100	210	-0.46	
	7386.000	41.32	peak	4.71	46.03	74.00	100	160	-27.97	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH11

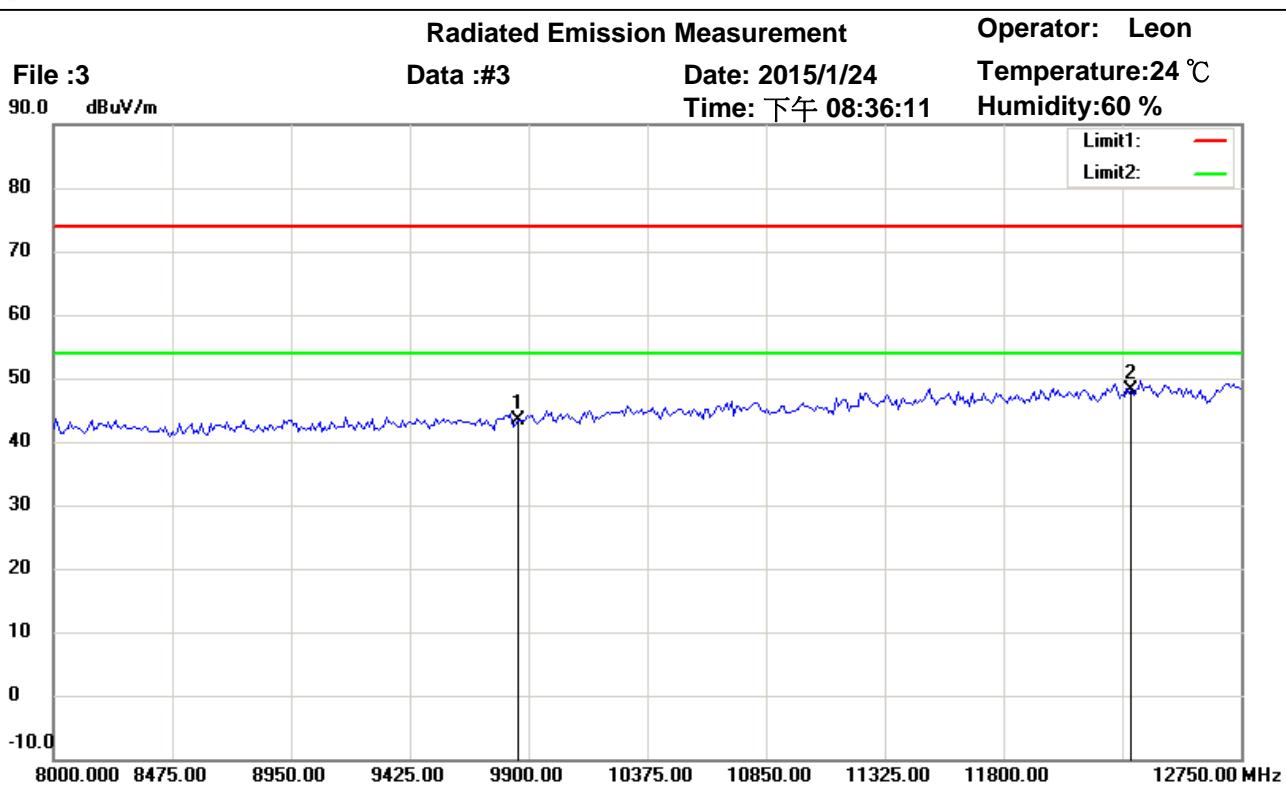
Note :

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
	4913.828	53.20	peak	0.79	53.99	74.00	100	213	-20.01	
*	4913.828	52.91	AVG	0.79	53.70	54.00	100	213	-0.30	
	7386.000	41.73	peak	4.71	46.44	74.00	100	195	-27.56	

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



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

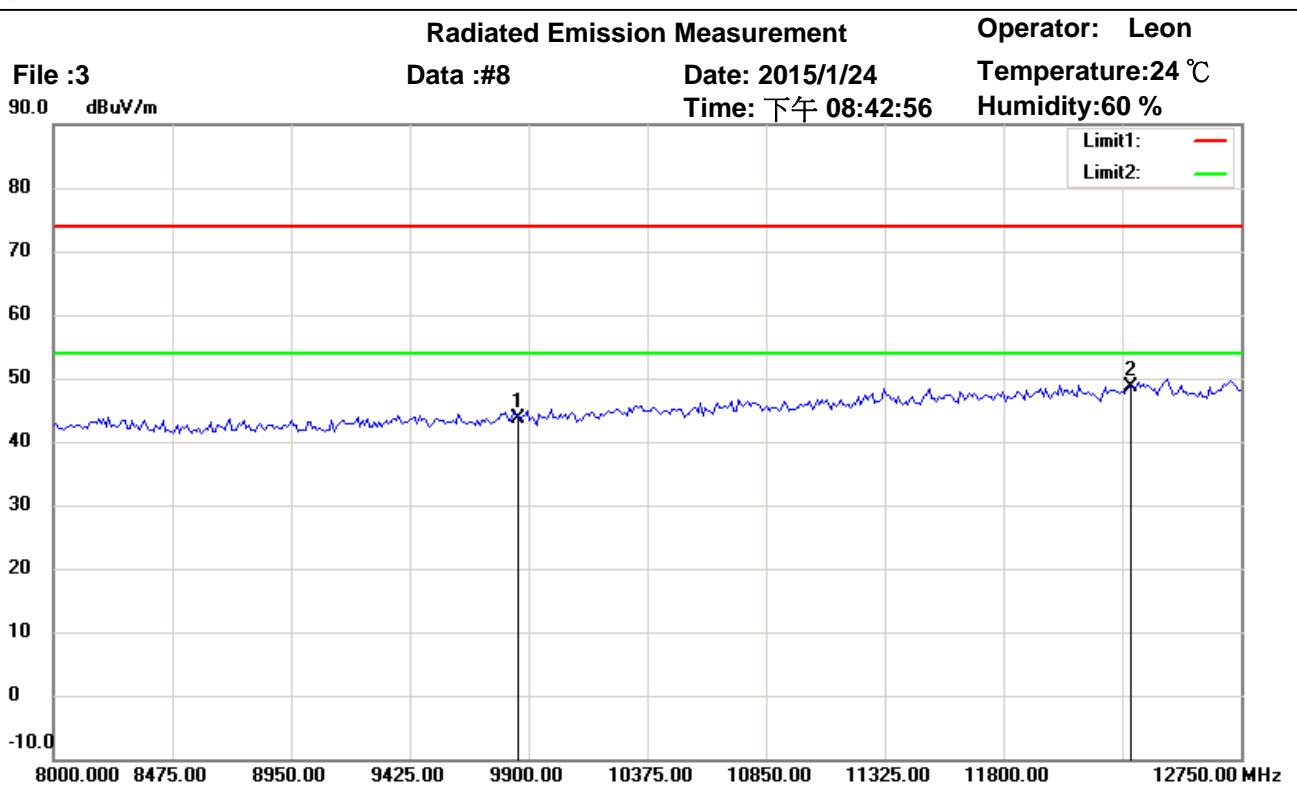
Test Mode : TX 802.11g CH11

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	35.42	peak	7.96	43.38	74.00	100	95	-30.62	
*	12310.000	34.49	peak	13.60	48.09	74.00	100	145	-25.91	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

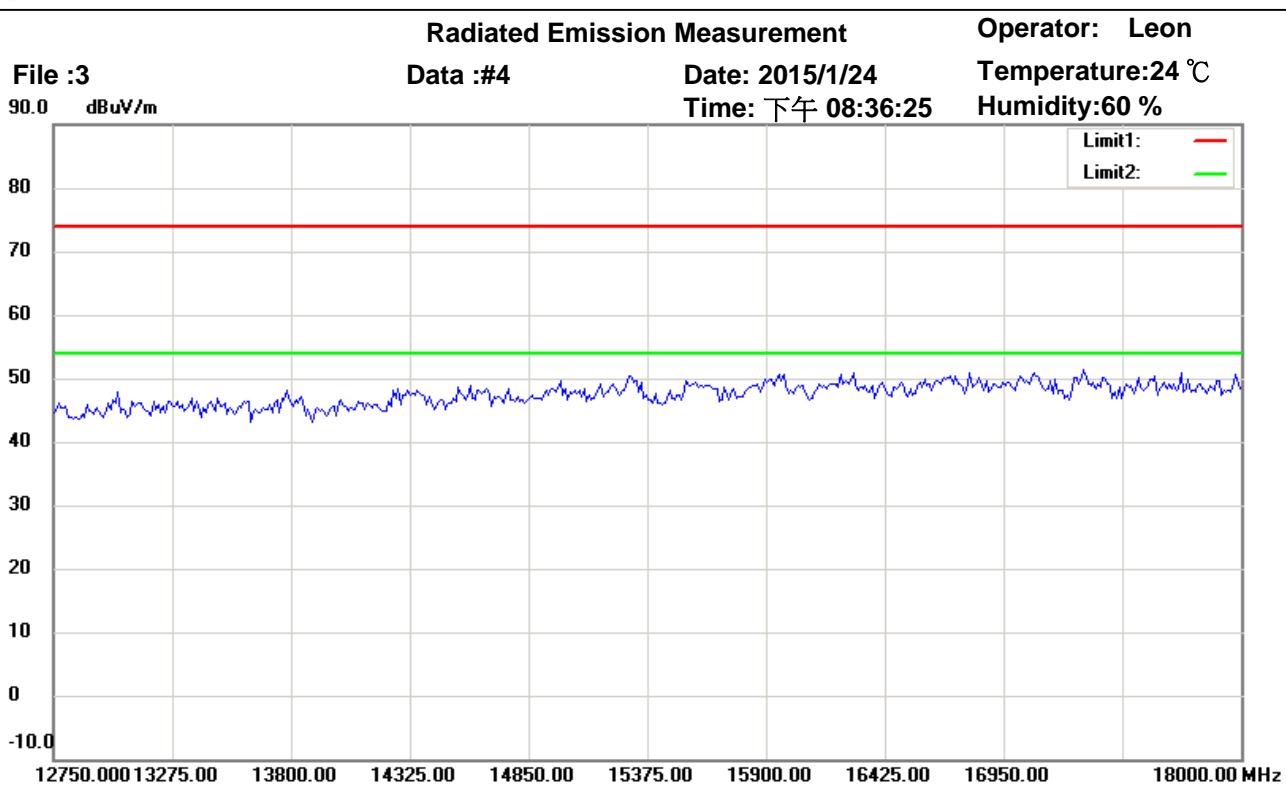
Test Mode : TX 802.11g CH11

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	35.70	peak	7.96	43.66	74.00	100	75	-30.34	
*	12310.000	34.92	peak	13.60	48.52	74.00	100	140	-25.48	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

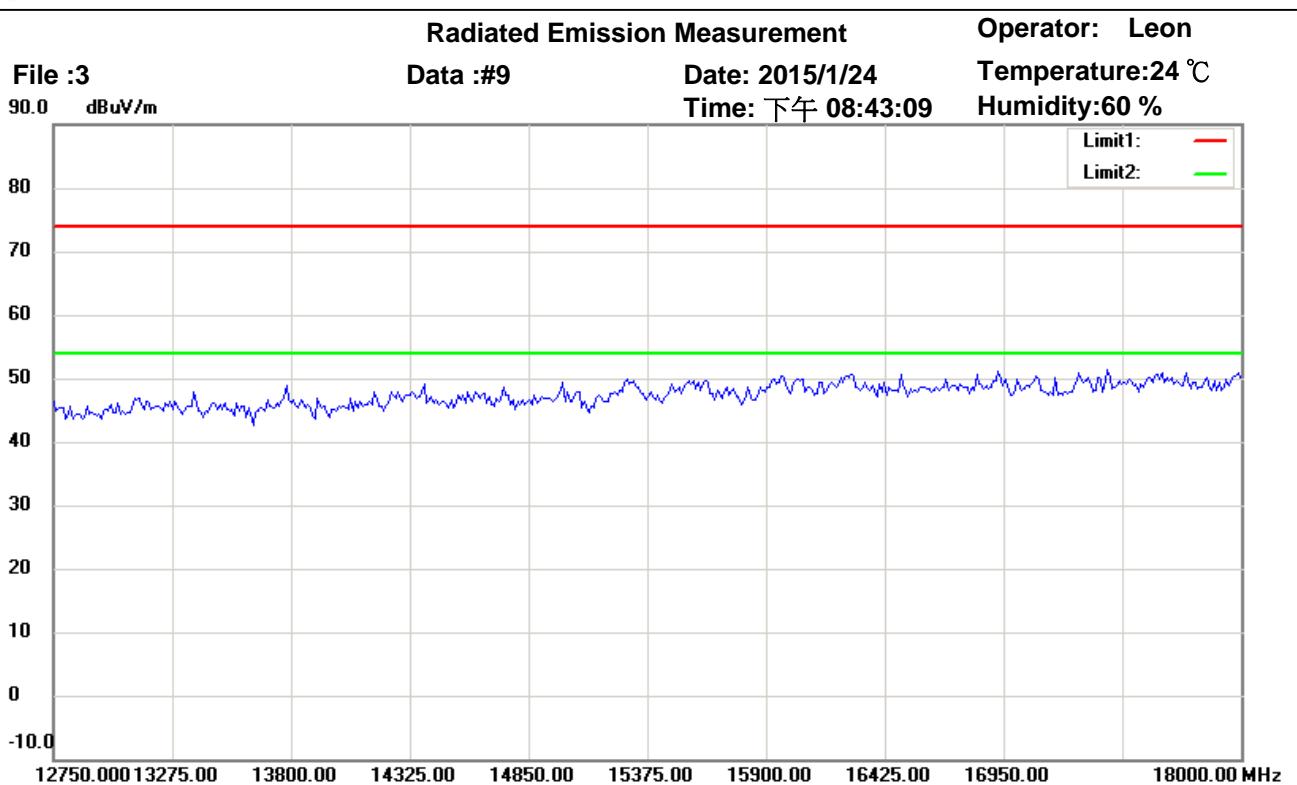
Test Mode : TX 802.11g CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

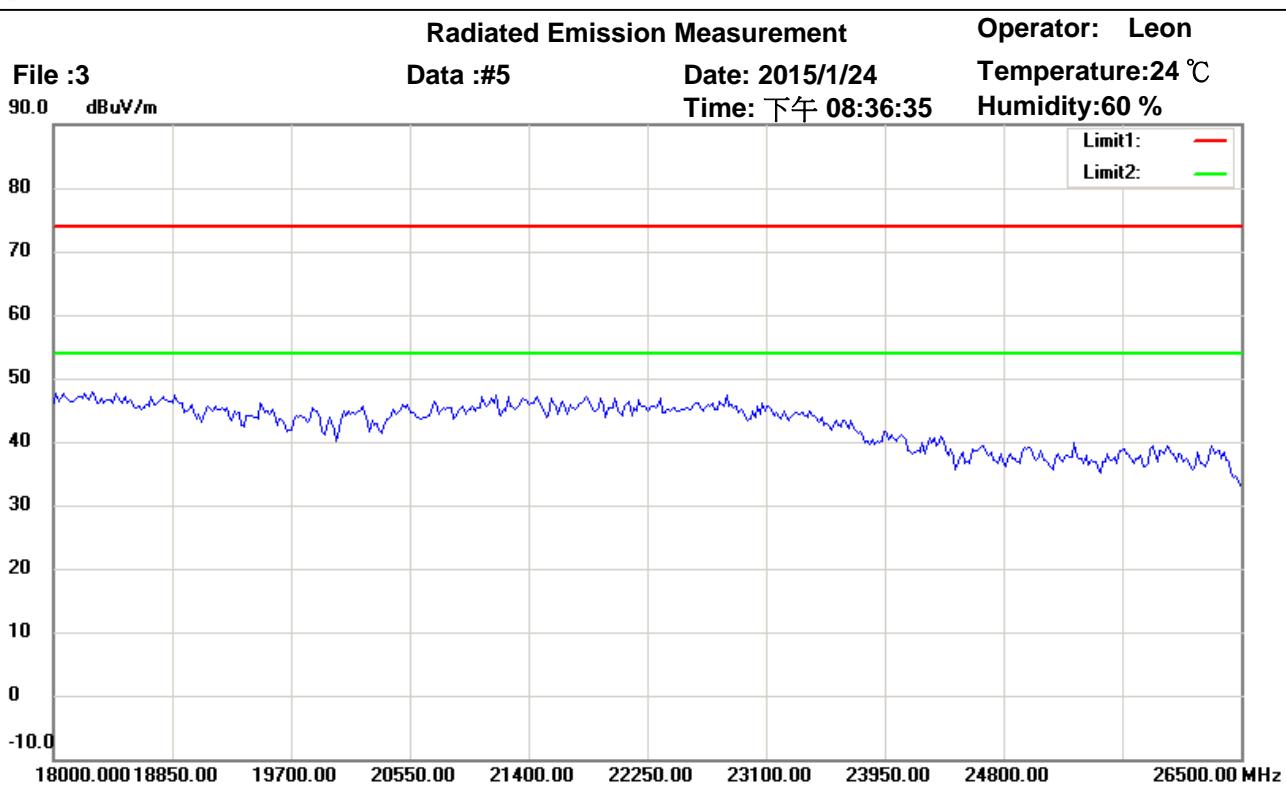
Test Mode : TX 802.11g CH11

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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Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

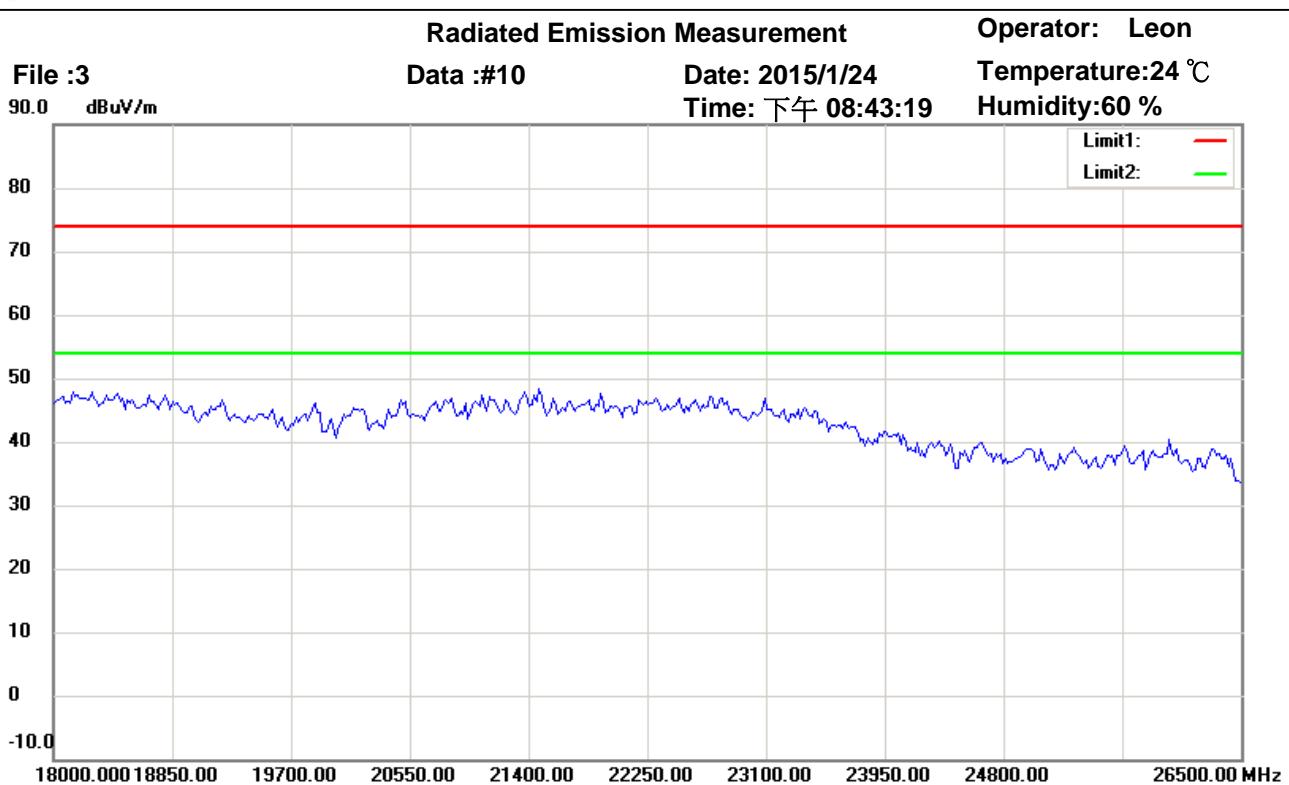
Test Mode : TX 802.11g CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

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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Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A

ANT2



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

Radiated Emission Measurement

Operator: Leon

File :1

Data :#1

Date: 2015/1/25

Temperature:24 °C

80.0 dBuV/m

Time: 下午 12:54:27

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

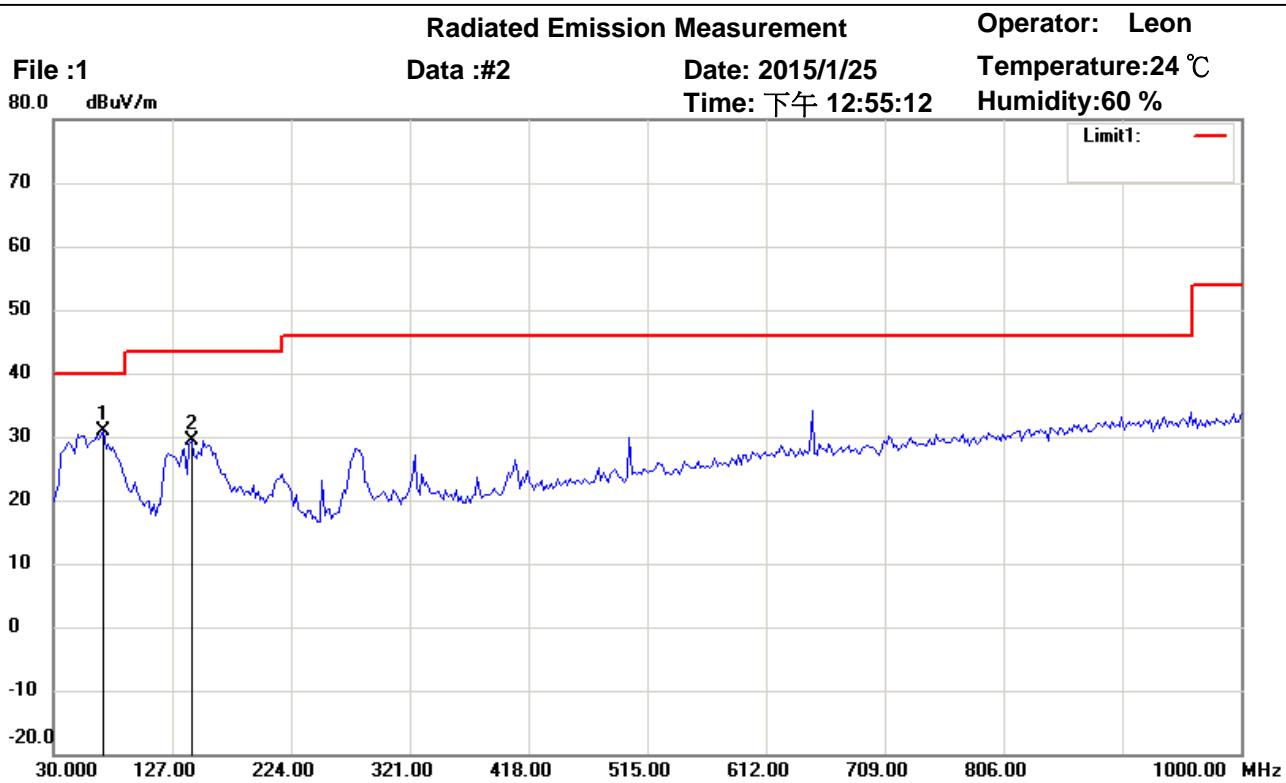
Test Mode : TX 802.11b CH1

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
*	53.3267	9.77	peak	14.12	23.89	40.00	100	95	-16.11	
	325.4708	12.05	peak	16.73	28.78	46.00	100	135	-17.22	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

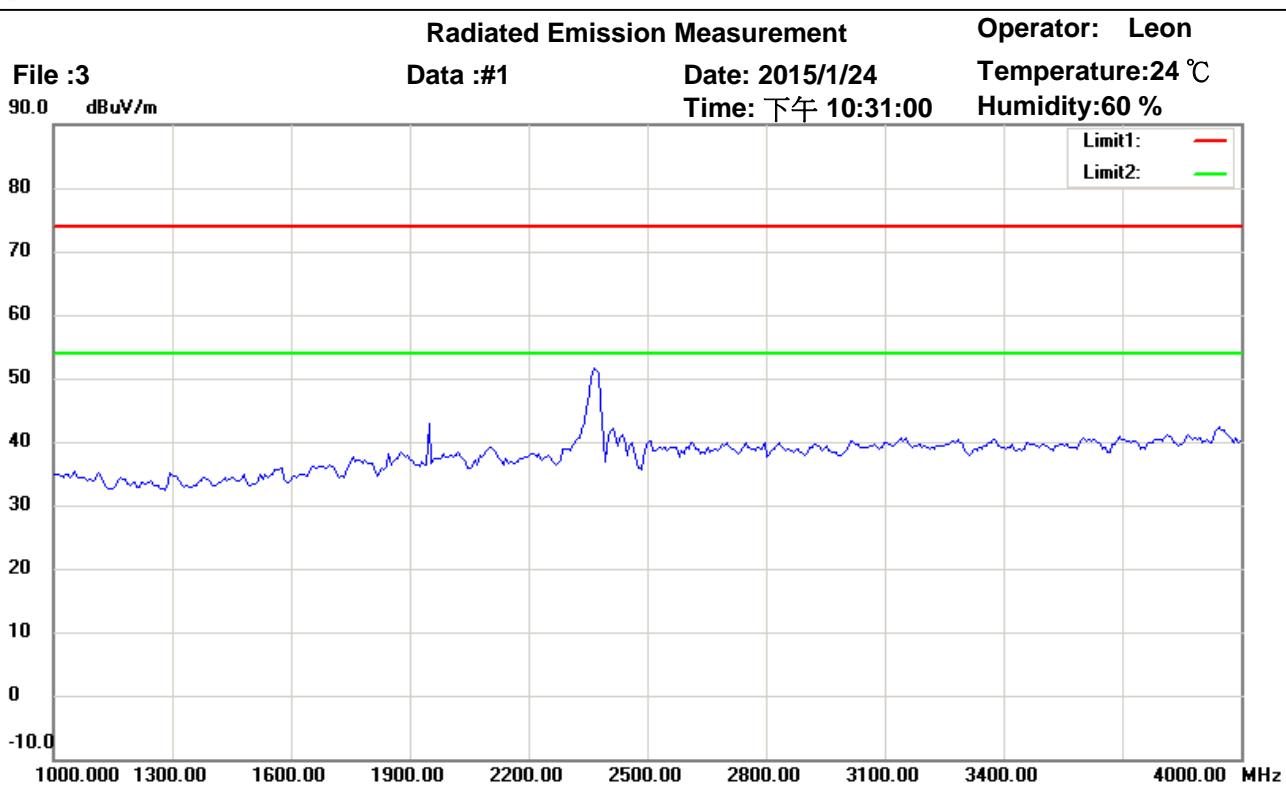
Test Mode : TX 802.11b CH1

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
*	70.8215	19.20	peak	11.76	30.96	40.00	100	145	-9.04	
	142.7455	14.04	peak	15.43	29.47	43.50	100	120	-14.03	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

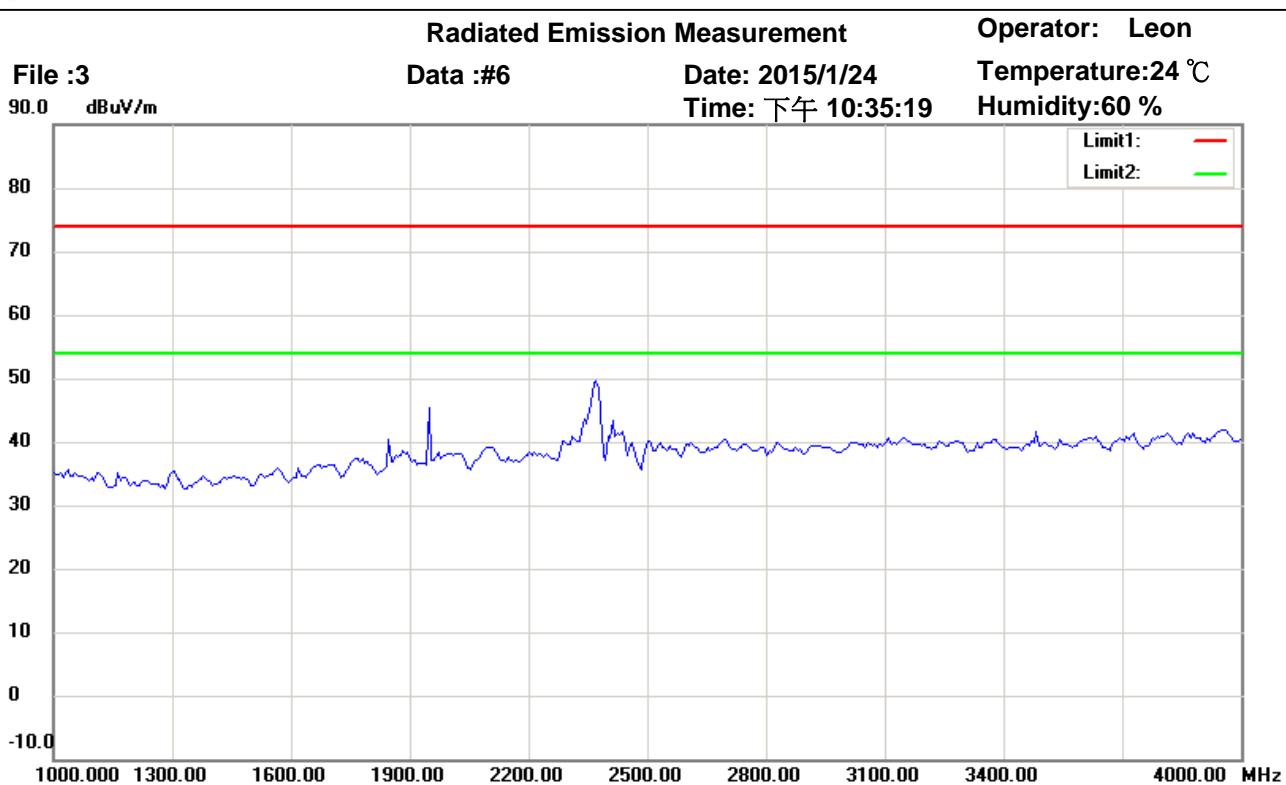
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

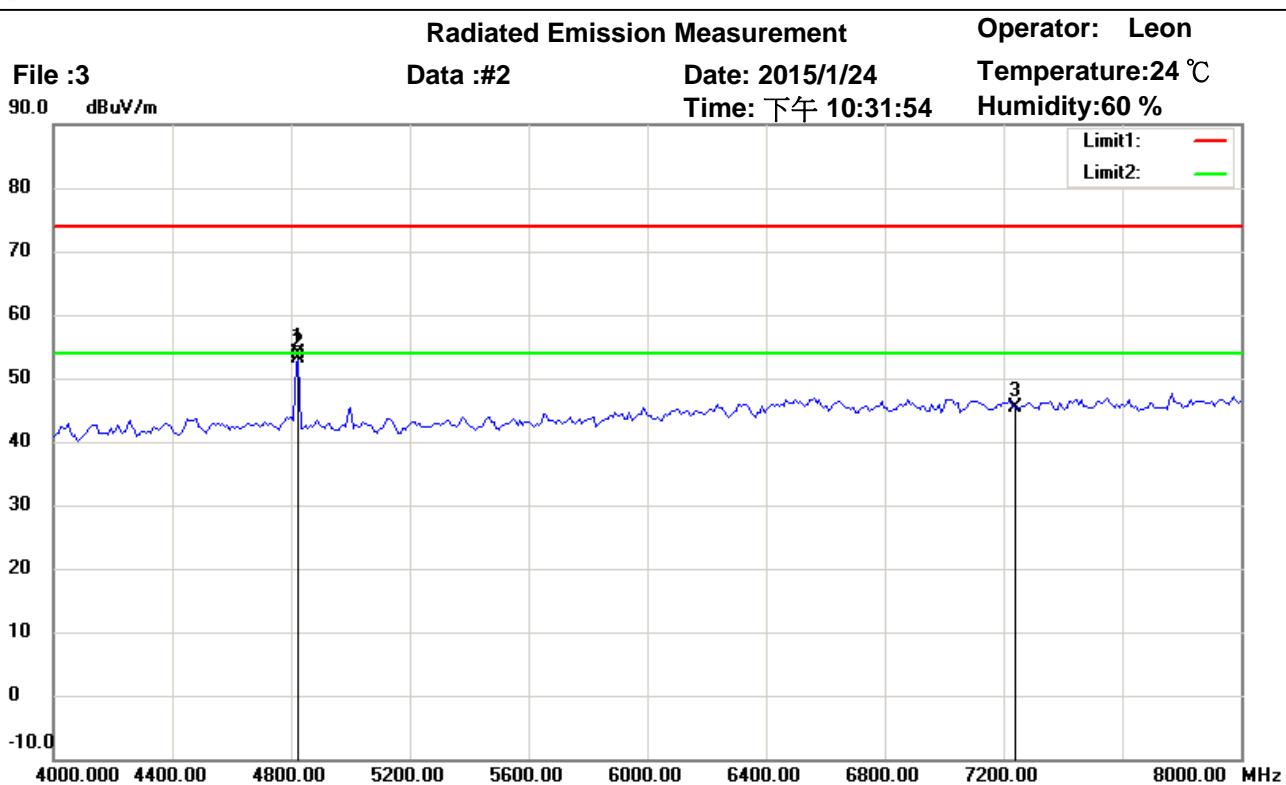
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

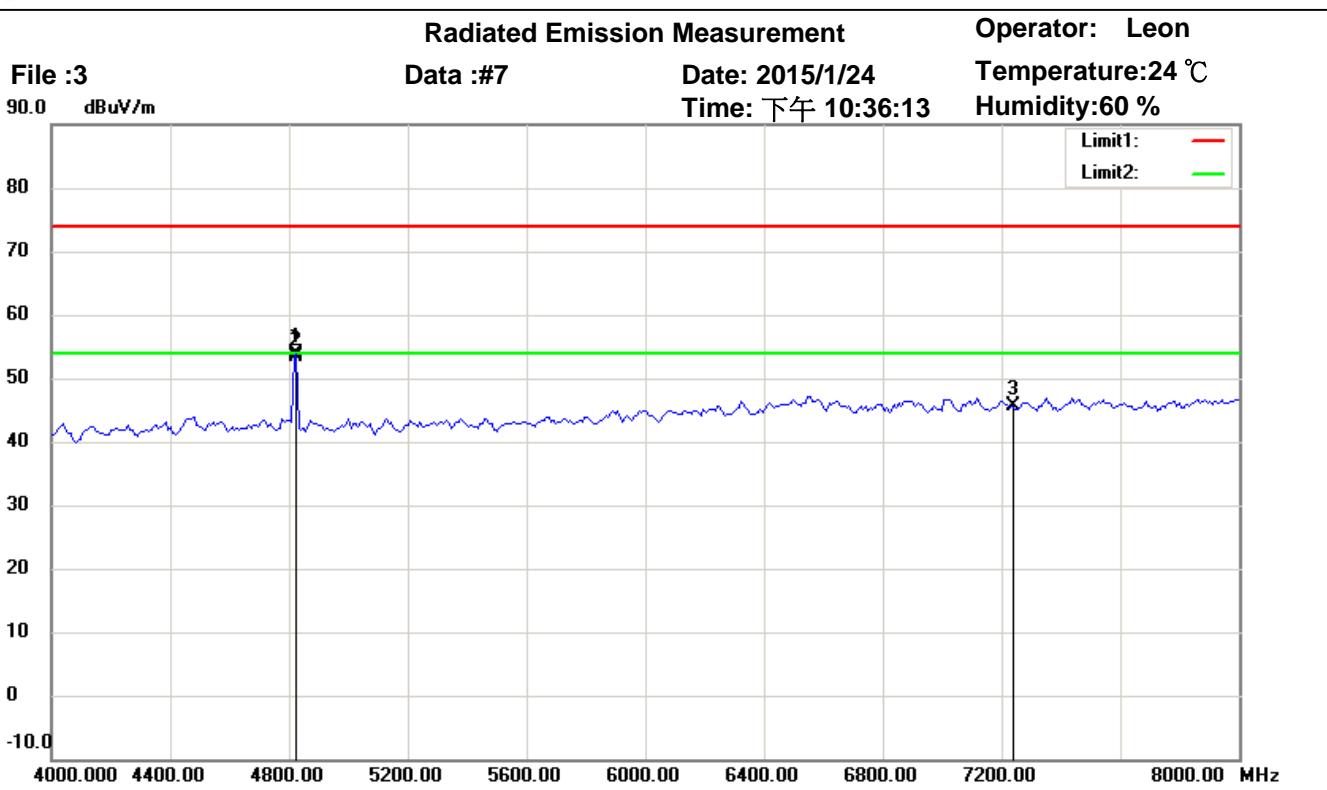
Test Mode : TX 802.11b CH1

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	53.27	peak	0.69	53.96	74.00	100	75	-20.04	
*	4825.651	52.35	AVG	0.69	53.04	54.00	100	75	-0.96	
	7236.000	41.17	peak	4.30	45.47	74.00	100	165	-28.53	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

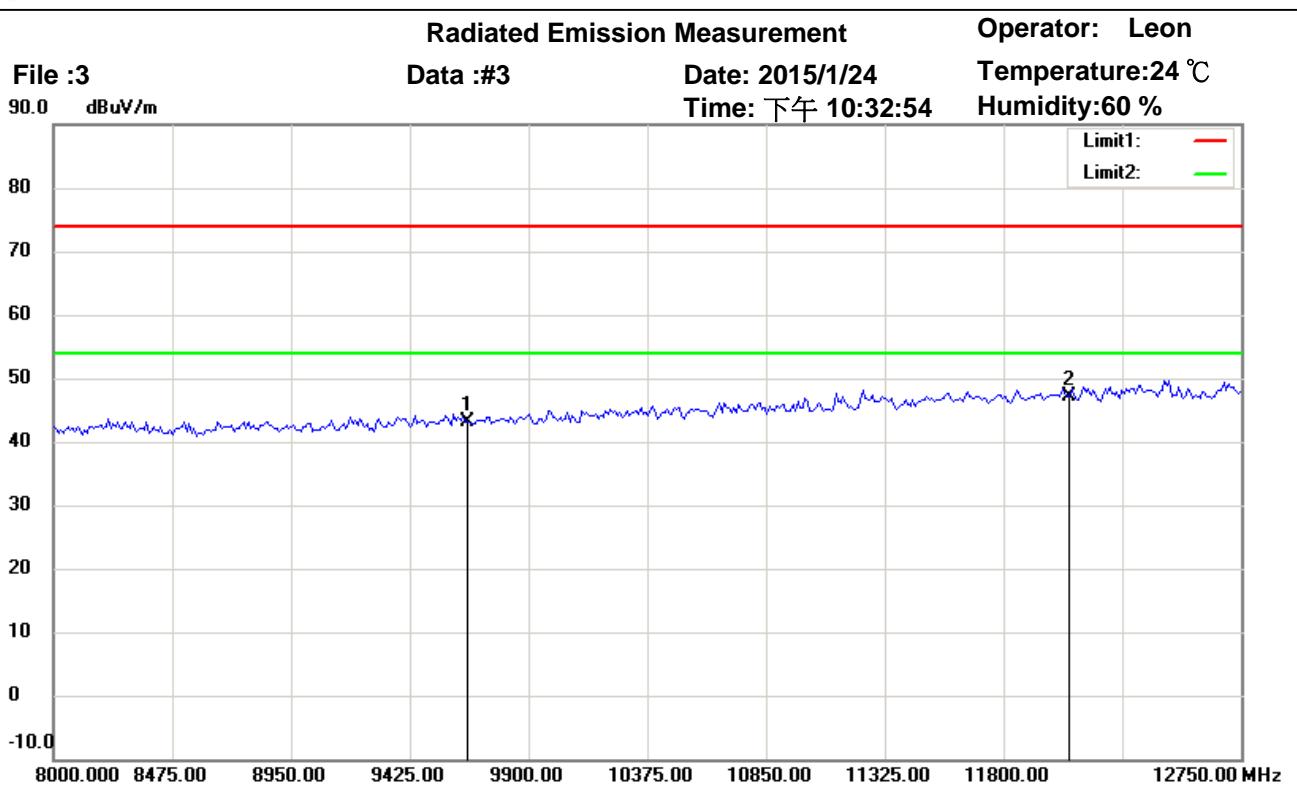
Test Mode : TX 802.11b CH1

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	53.13	peak	0.69	53.82	74.00	100	167	-20.18	
*	4825.651	52.71	AVG	0.69	53.40	54.00	100	167	-0.60	
	7236.000	41.22	peak	4.30	45.52	74.00	100	90	-28.48	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

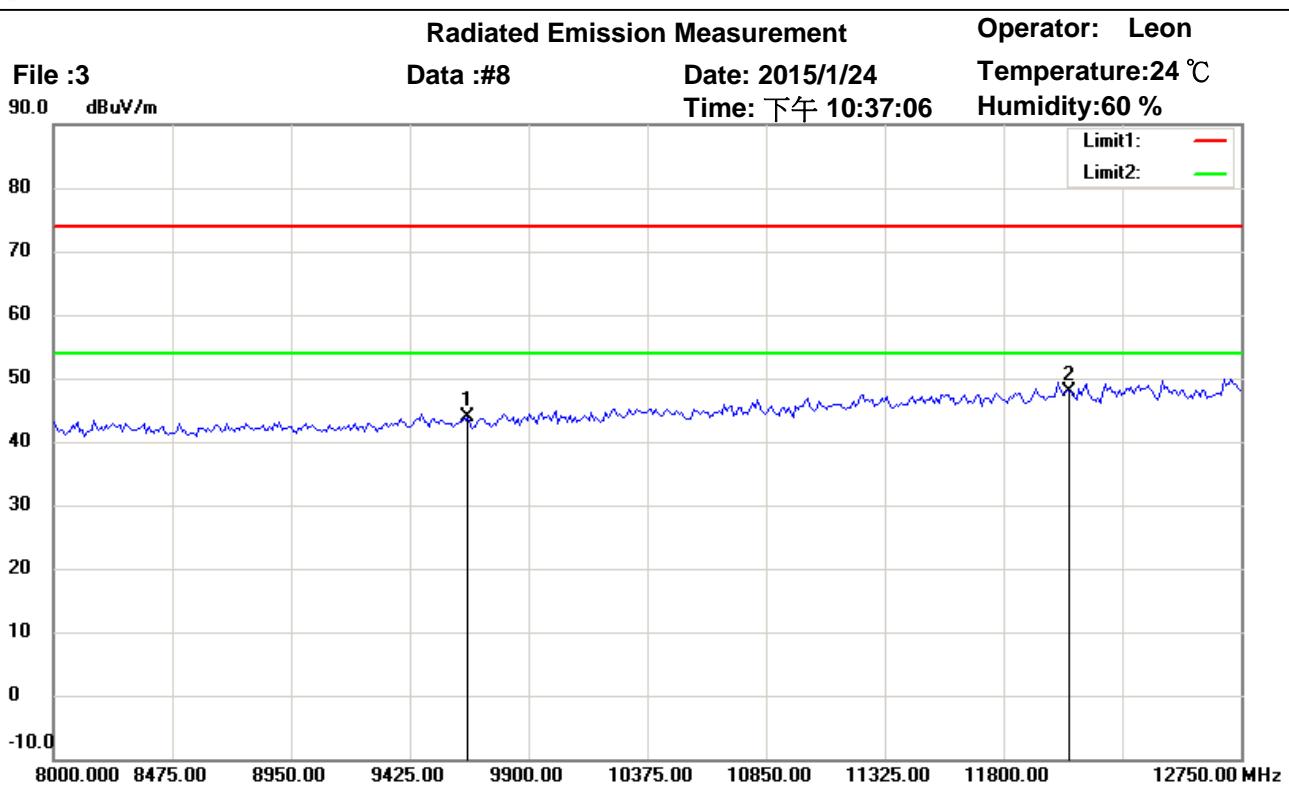
Test Mode : TX 802.11b CH1

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	35.77	peak	7.46	43.23	74.00	100	155	-30.77	
*	12060.000	34.04	peak	13.20	47.24	74.00	100	70	-26.76	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

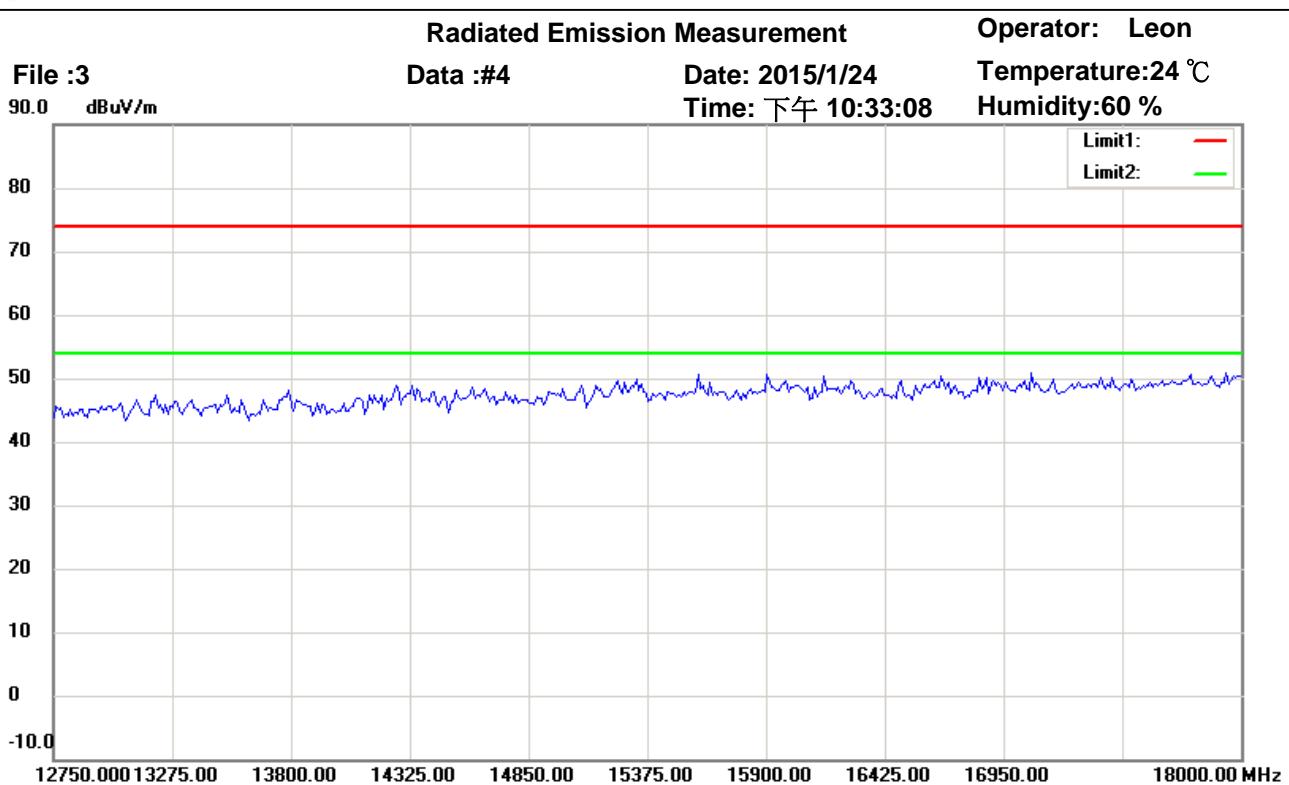
Test Mode : TX 802.11b CH1

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	36.44	peak	7.46	43.90	74.00	100	115	-30.10	
*	12060.000	34.77	peak	13.20	47.97	74.00	100	140	-26.03	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

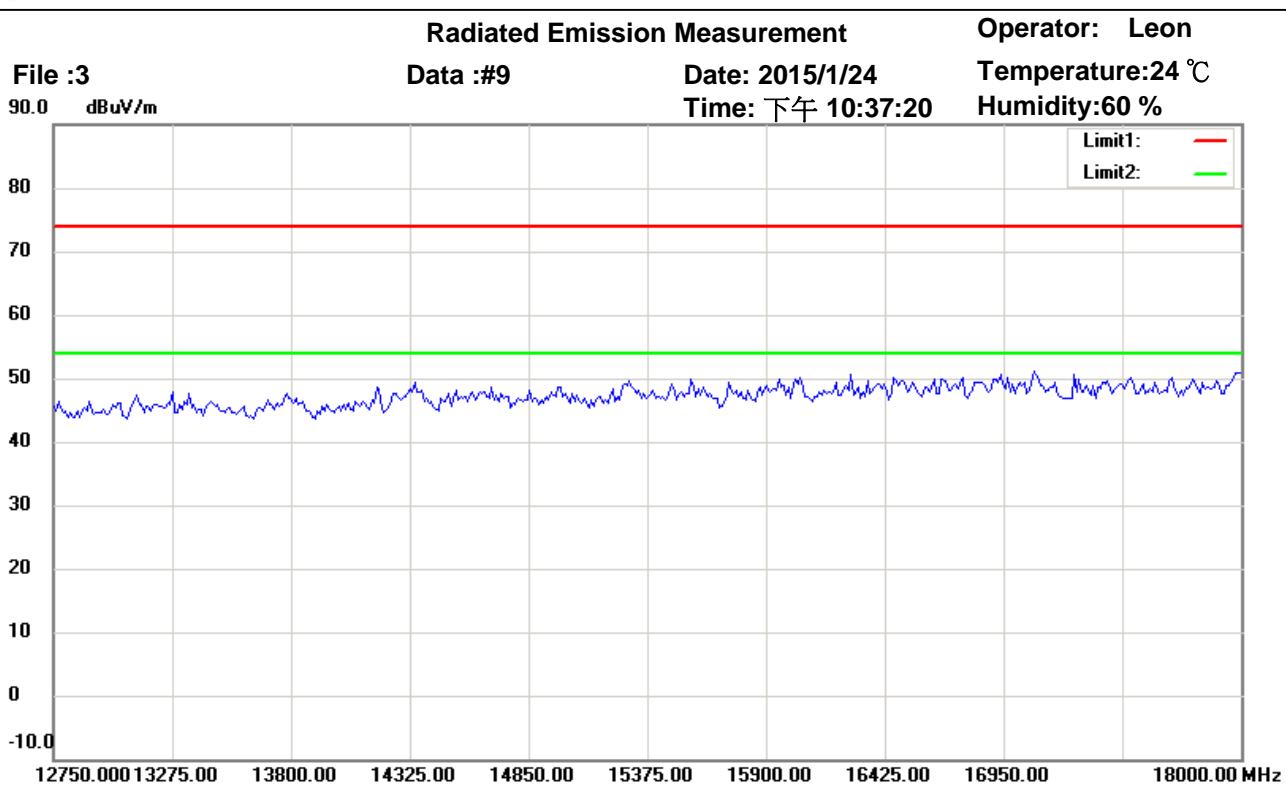
Test Mode : TX 802.11b CH1

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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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

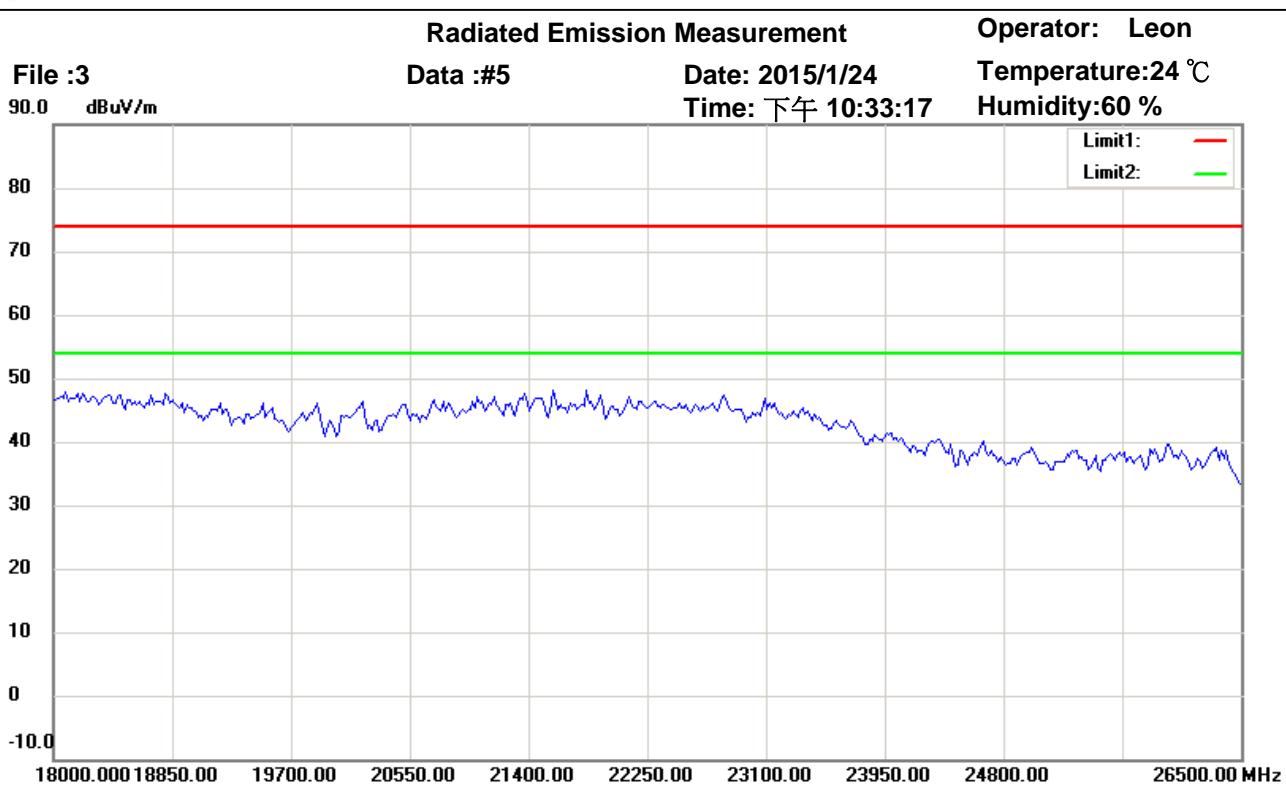
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

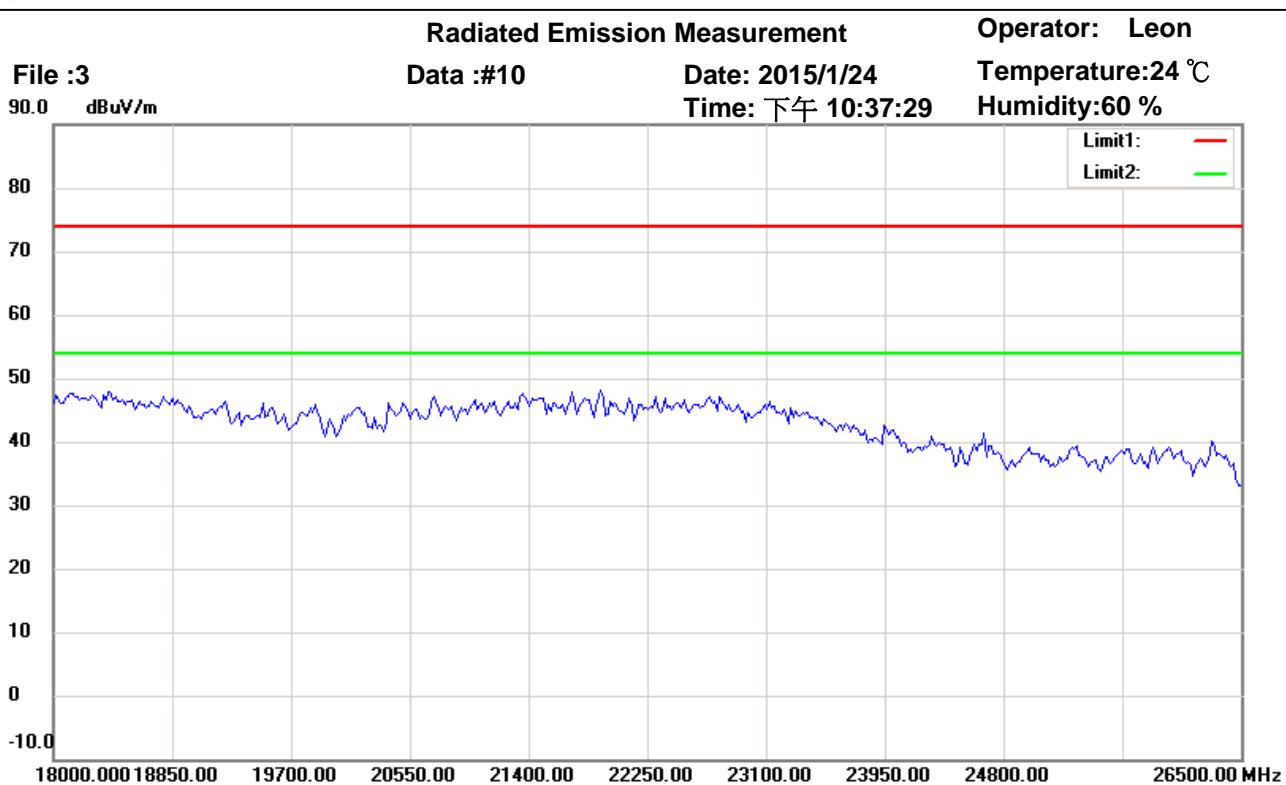
Test Mode : TX 802.11b CH1

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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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

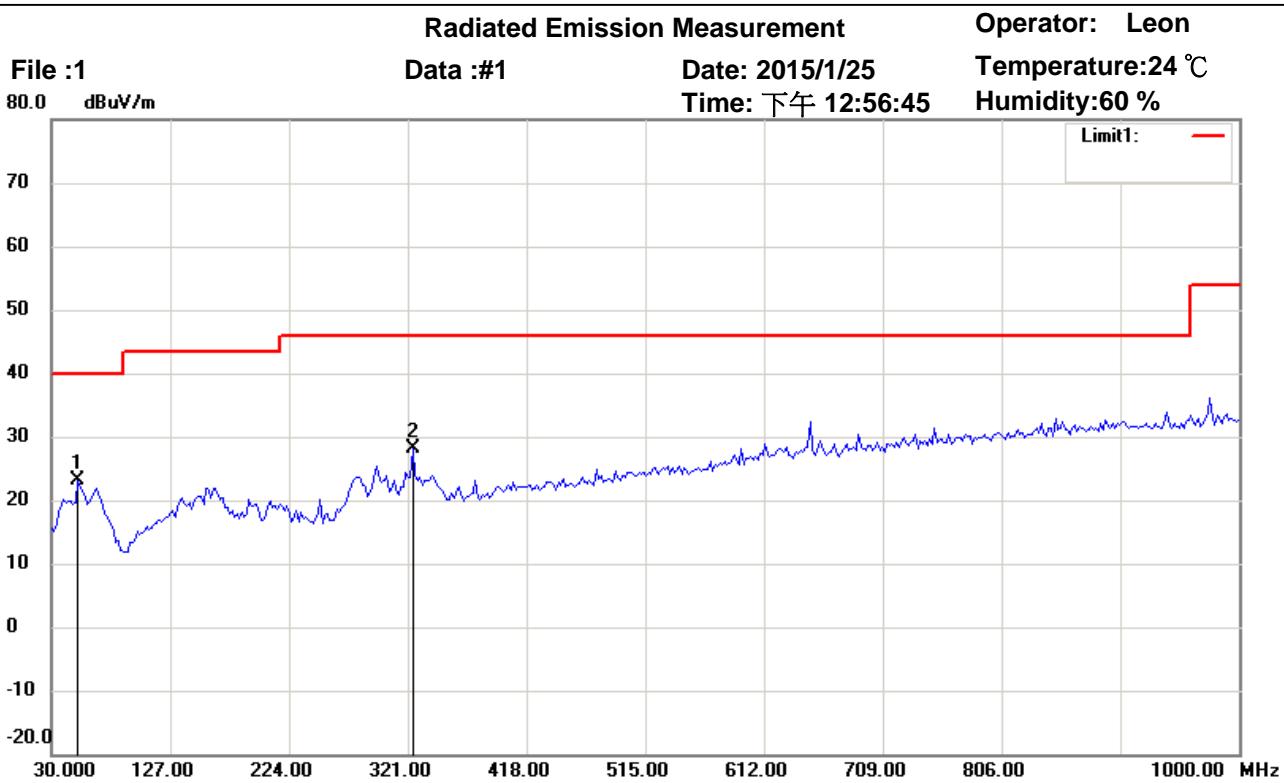
Test Mode : TX 802.11b CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

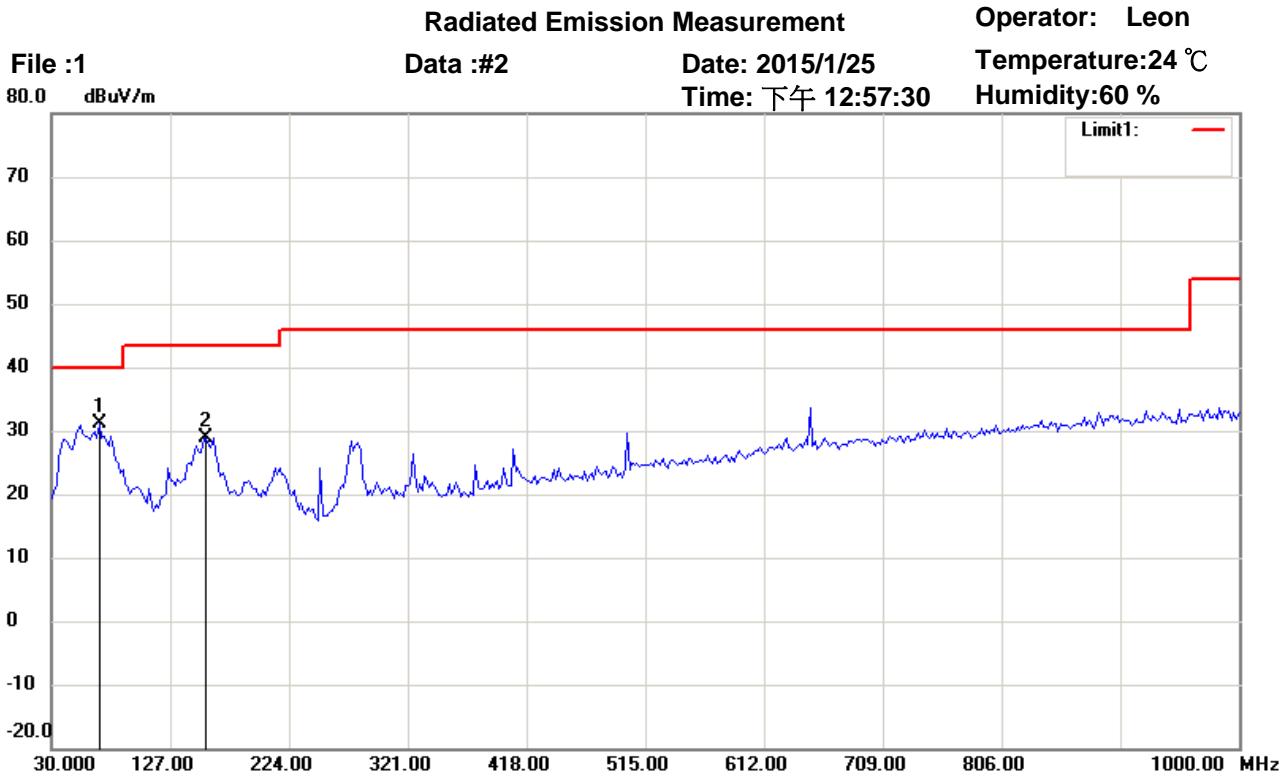
Test Mode : TX 802.11b CH6

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
*	51.3828	8.62	peak	14.41	23.03	40.00	100	135	-16.97	
	325.4708	11.36	peak	16.73	28.09	46.00	100	60	-17.91	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

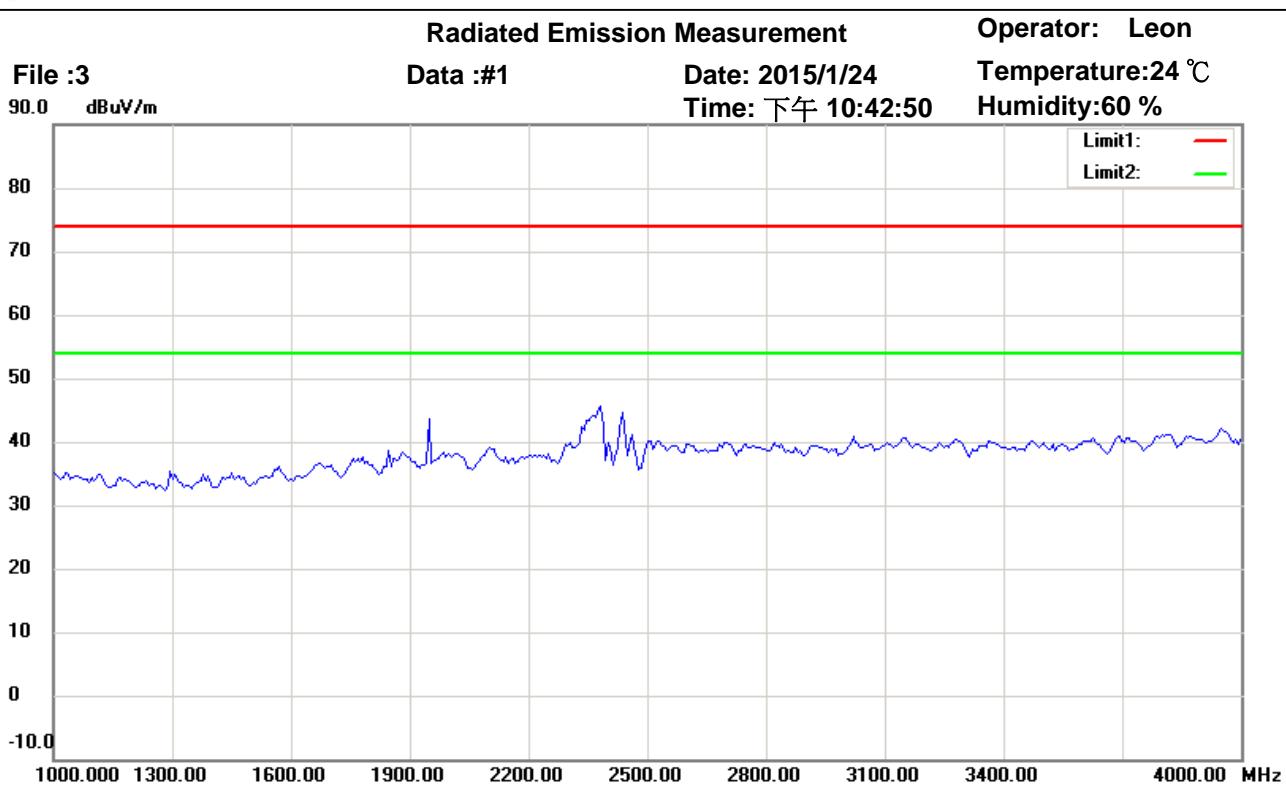
Test Mode : TX 802.11b CH6

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
*	68.8777	19.02	peak	12.04	31.06	40.00	100	45	-8.94	
	156.3527	13.47	peak	15.49	28.96	43.50	100	160	-14.54	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

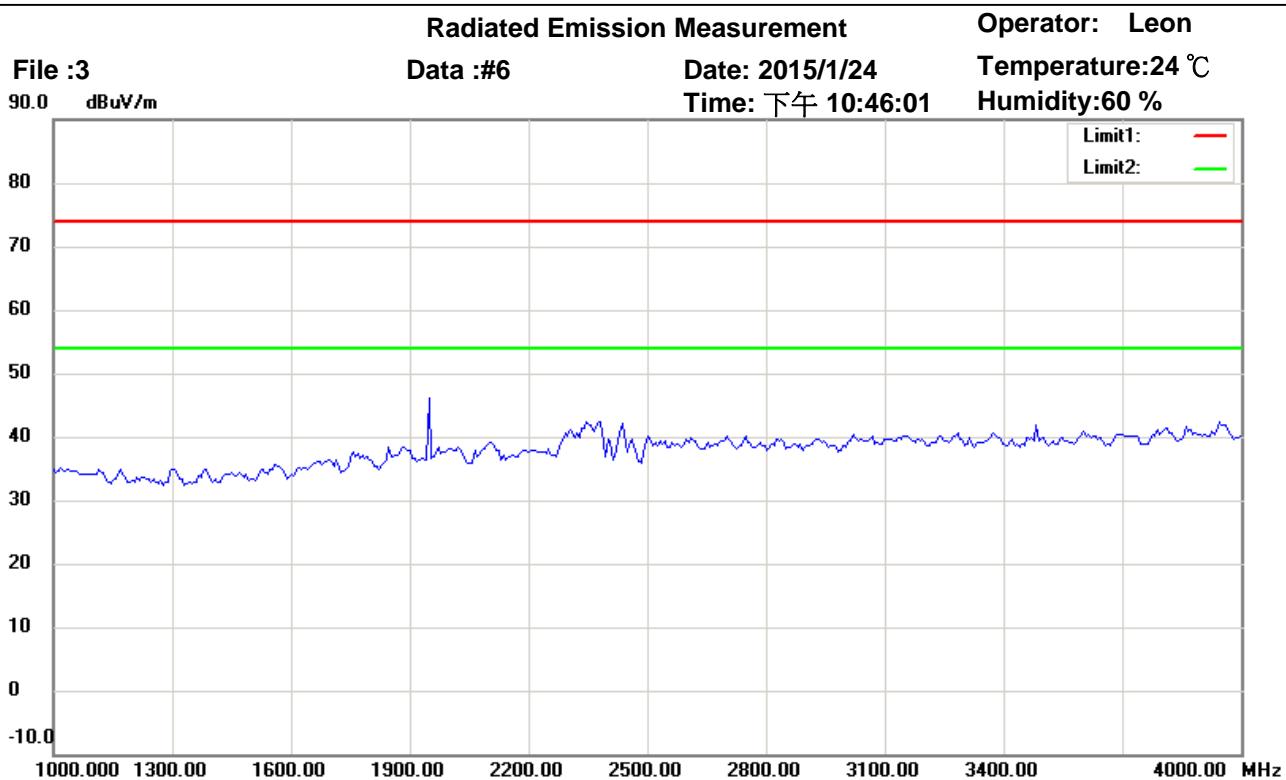
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

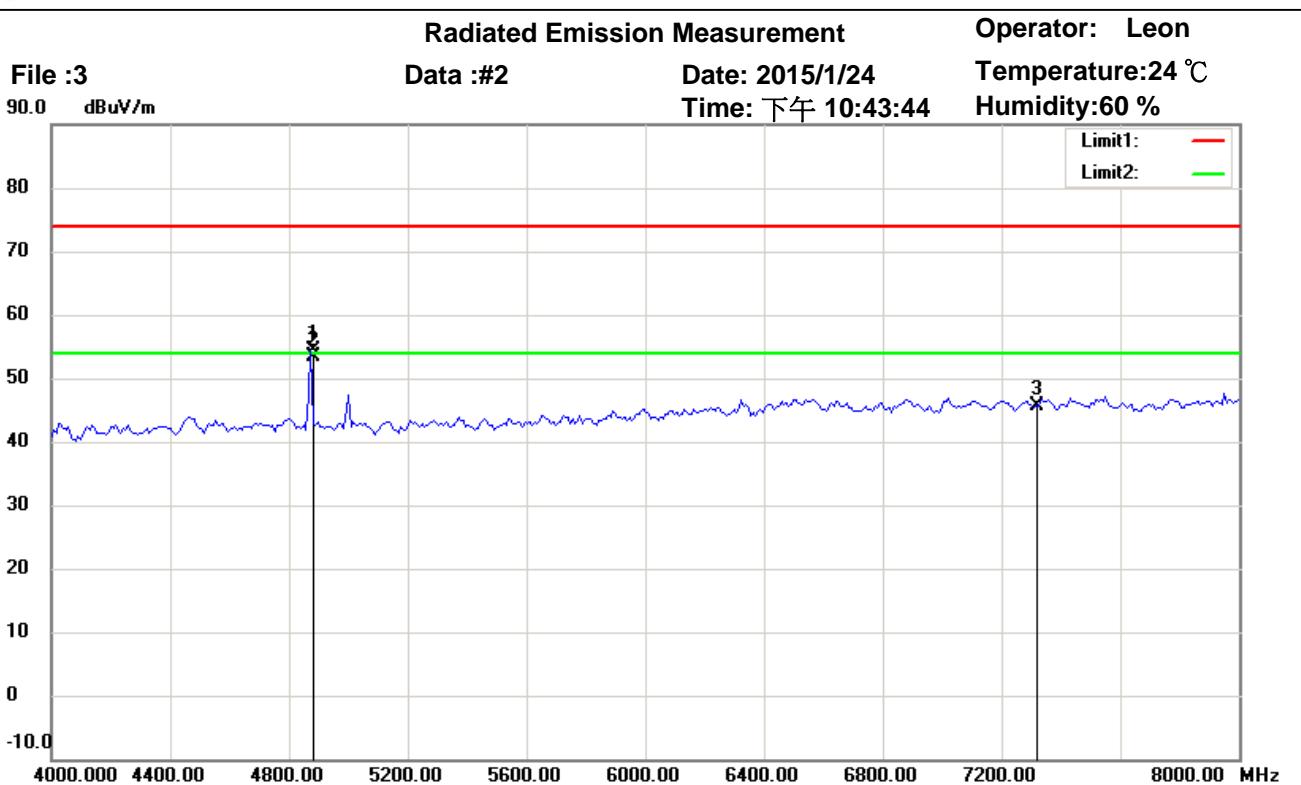
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

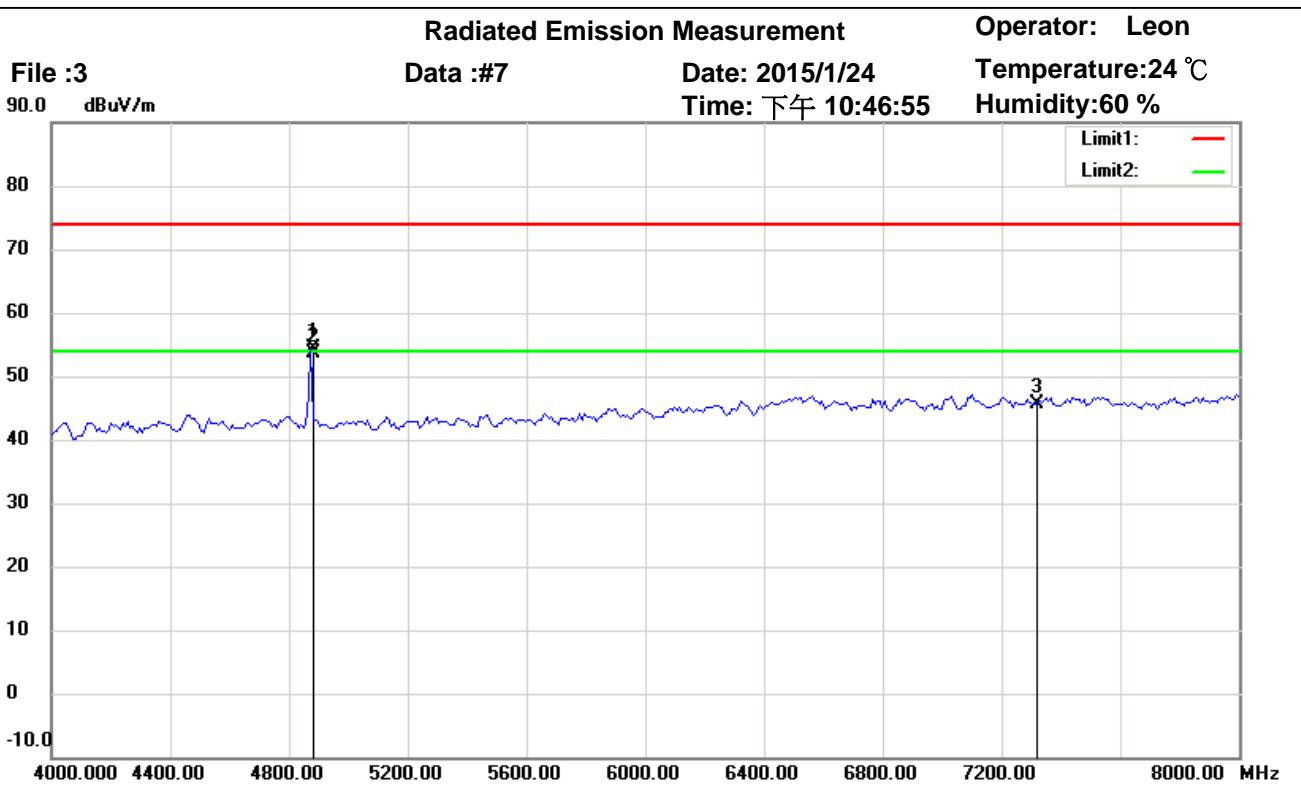
Test Mode : TX 802.11b CH6

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	53.67	peak	0.73	54.40	74.00	100	125	-19.60	
*	4873.748	52.72	AVG	0.73	53.45	54.00	100	125	-0.55	
	7311.000	41.36	peak	4.39	45.75	74.00	100	160	-28.25	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

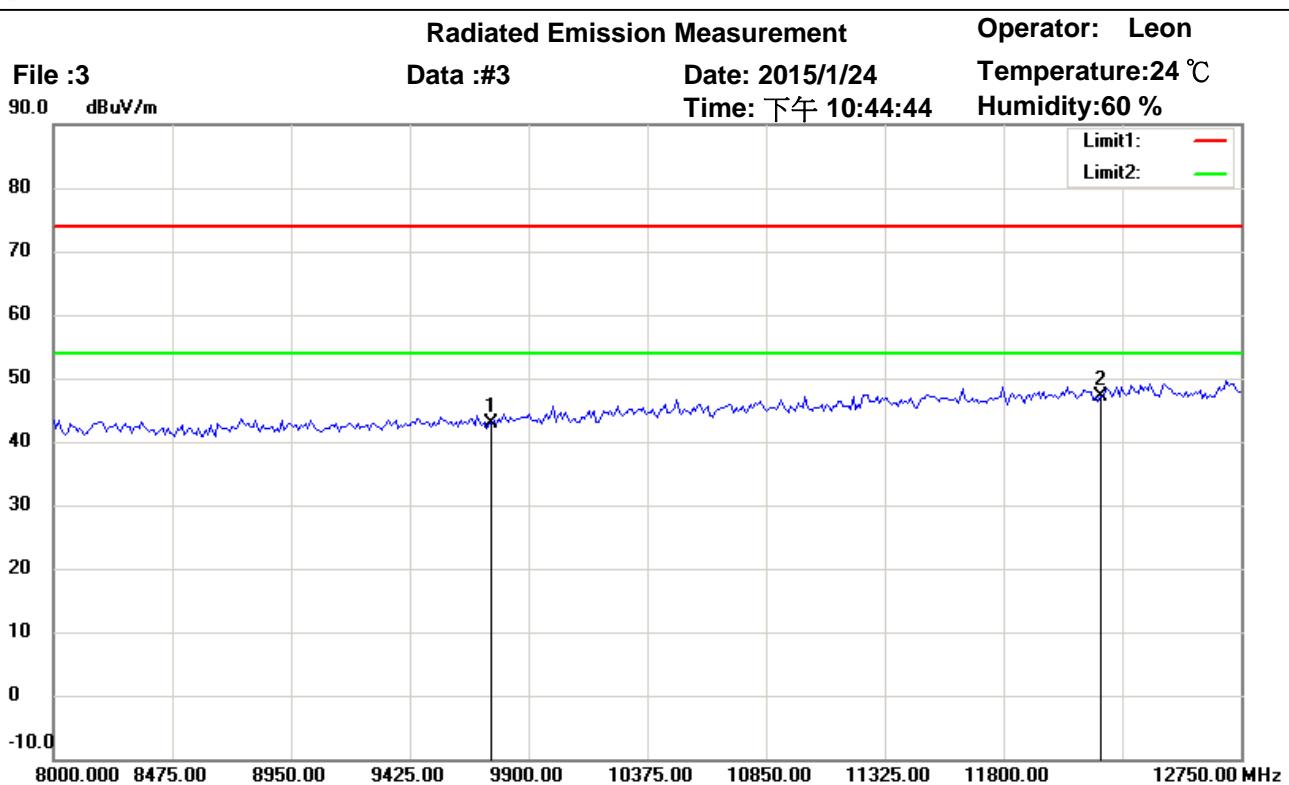
Test Mode : TX 802.11b CH6

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	53.59	peak	0.73	54.32	74.00	100	95	-19.68	
*	4873.748	52.96	AVG	0.73	53.69	54.00	100	95	-0.31	
	7311.000	41.15	peak	4.39	45.54	74.00	100	130	-28.46	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

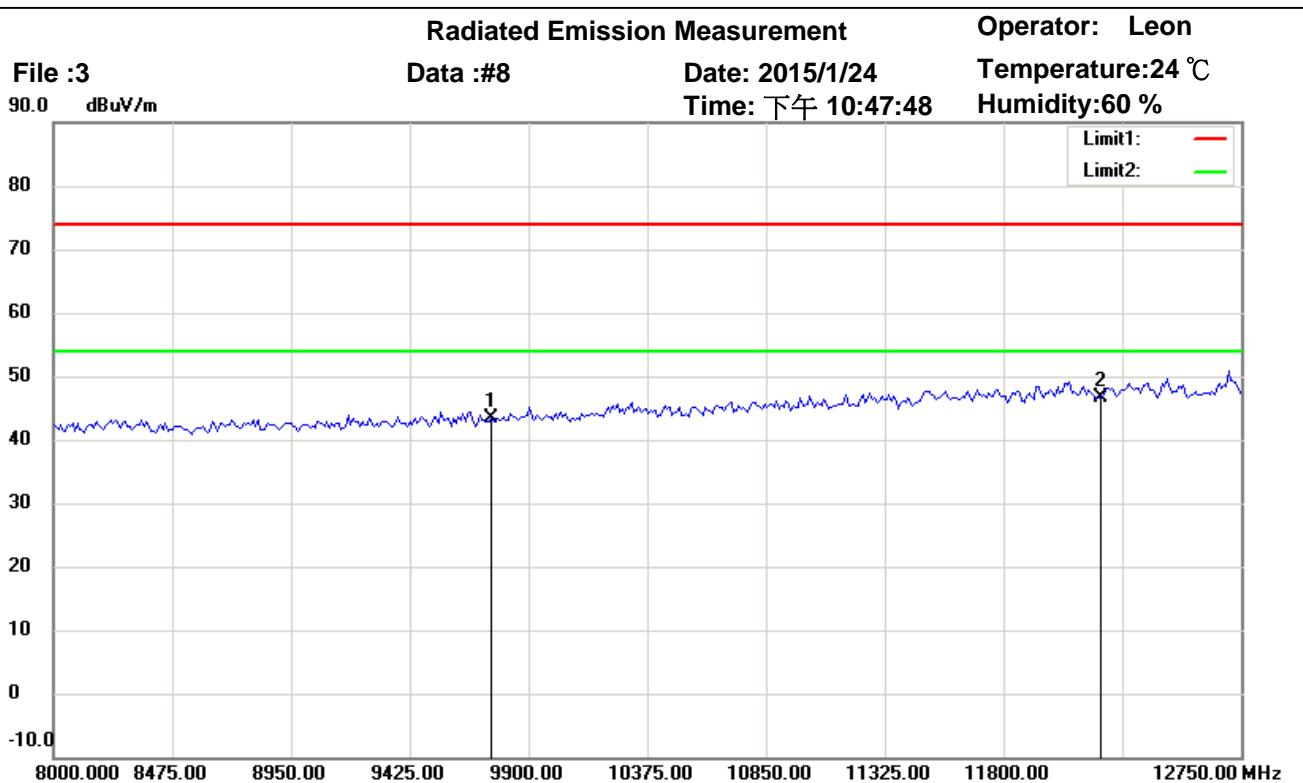
Test Mode : TX 802.11b CH6

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	35.28	peak	7.58	42.86	74.00	100	95	-31.14	
*	12185.000	33.25	peak	13.77	47.02	74.00	100	60	-26.98	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

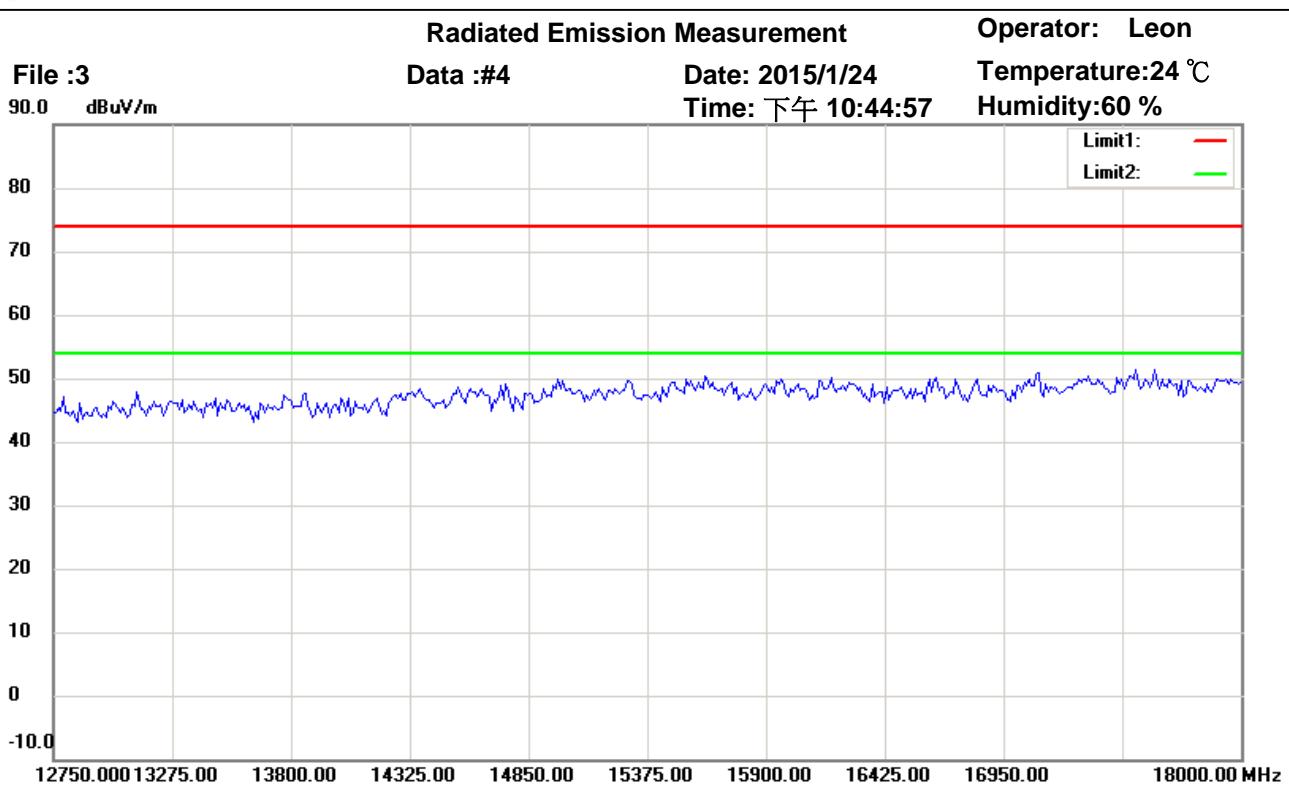
Test Mode : TX 802.11b CH6

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	35.70	peak	7.58	43.28	74.00	100	225	-30.72	
*	12185.000	32.95	peak	13.77	46.72	74.00	100	170	-27.28	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

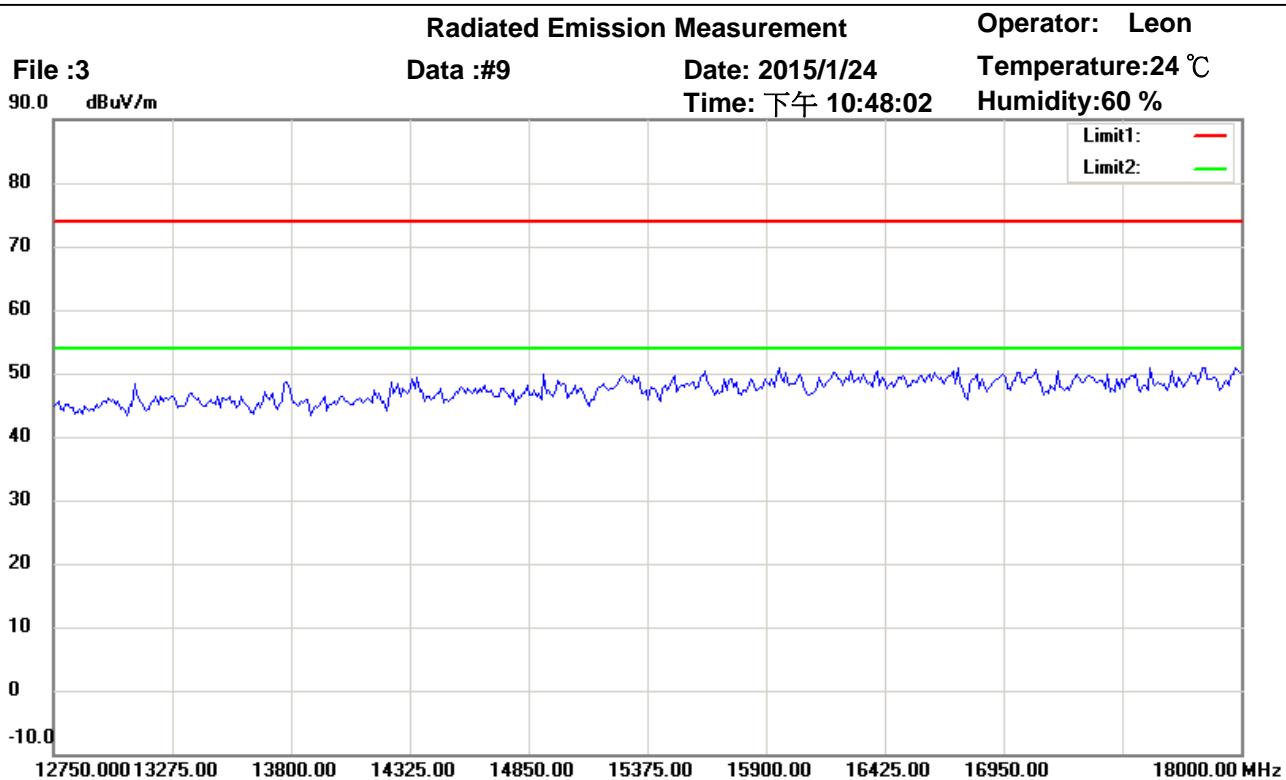
Test Mode : TX 802.11b CH6

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
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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

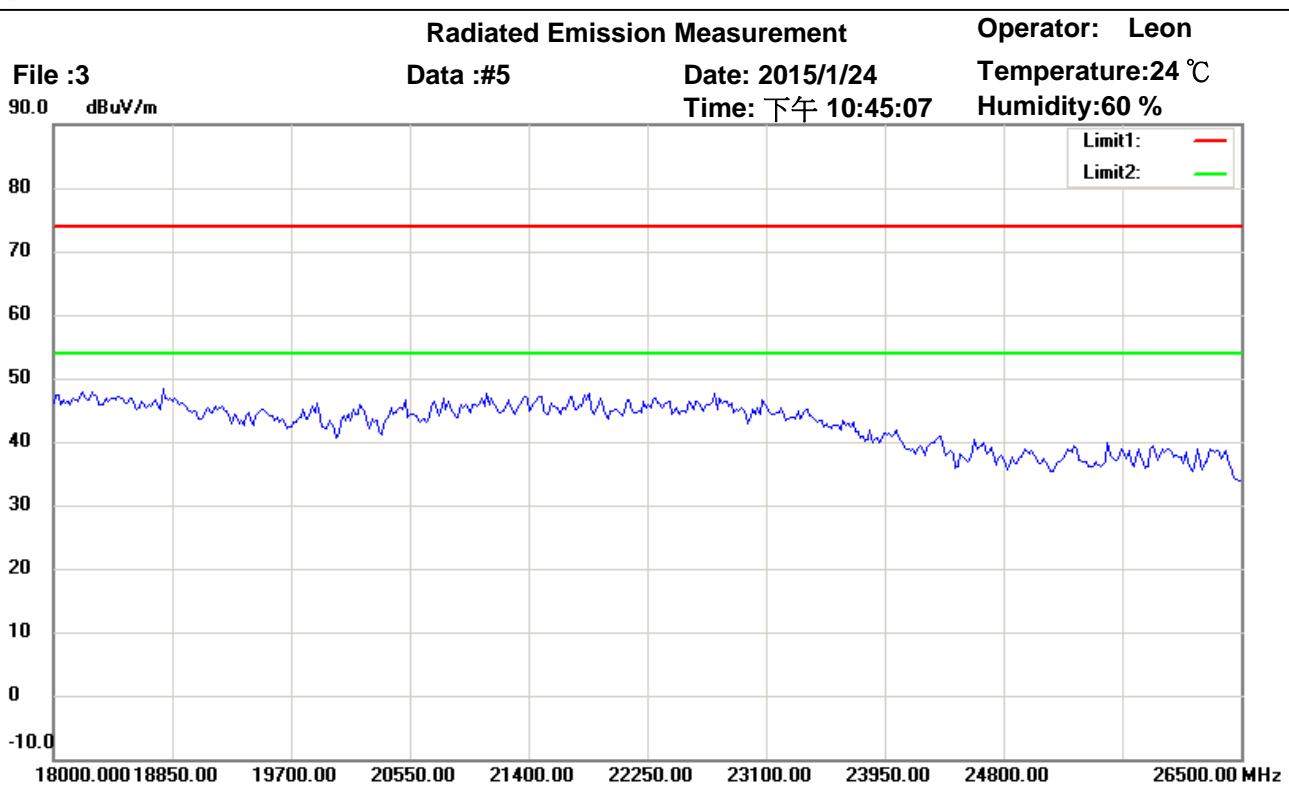
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

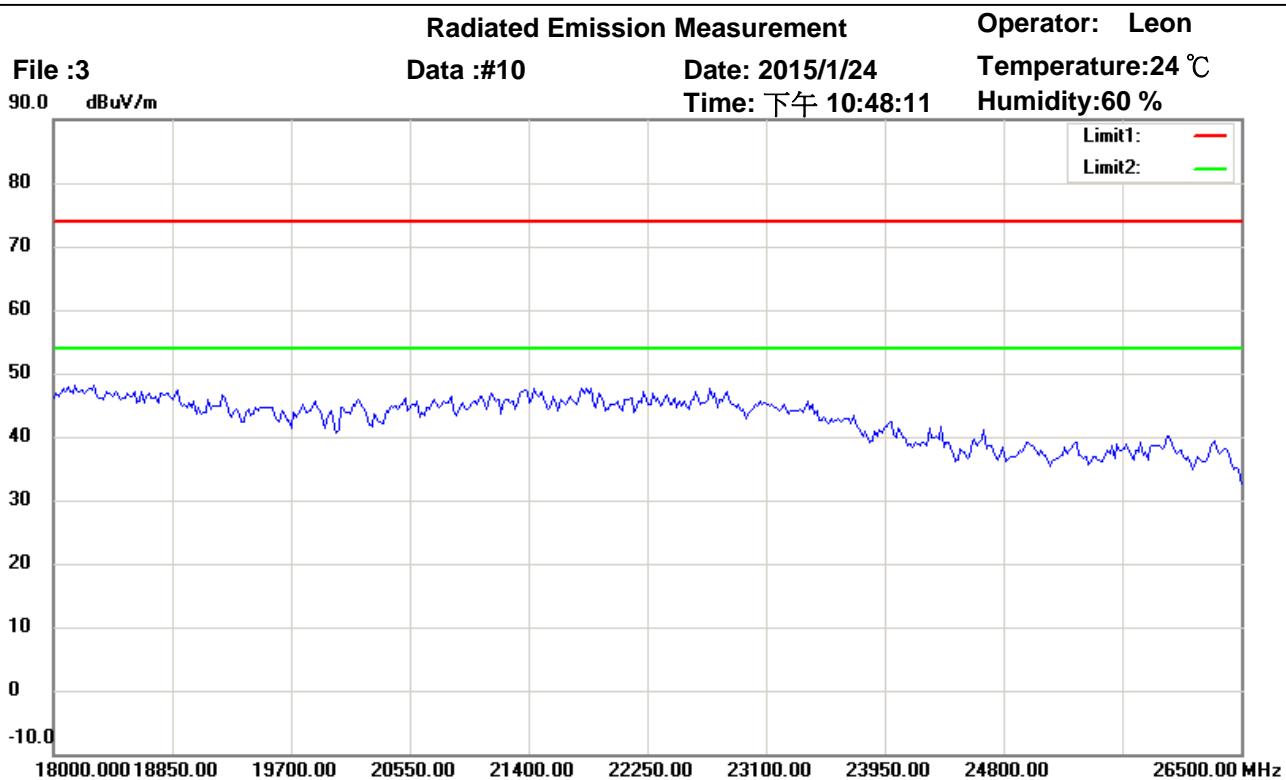
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

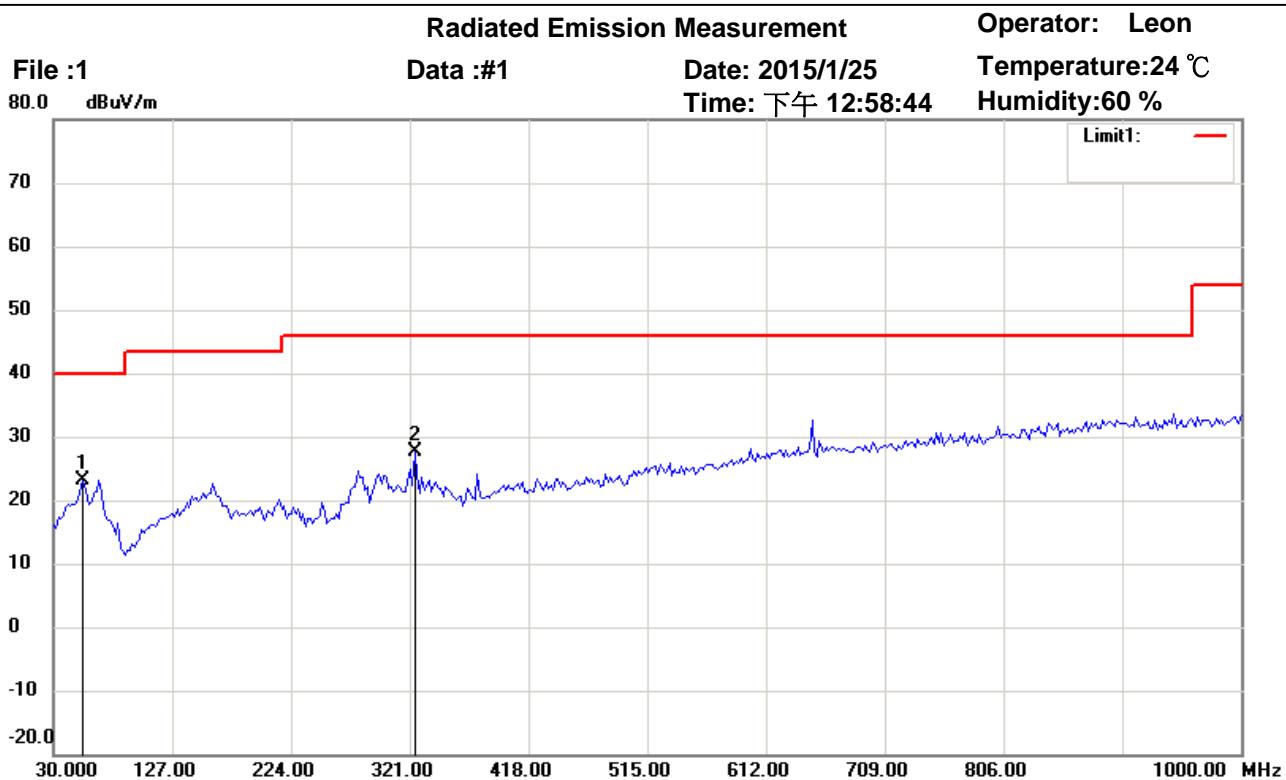
Test Mode : TX 802.11b CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

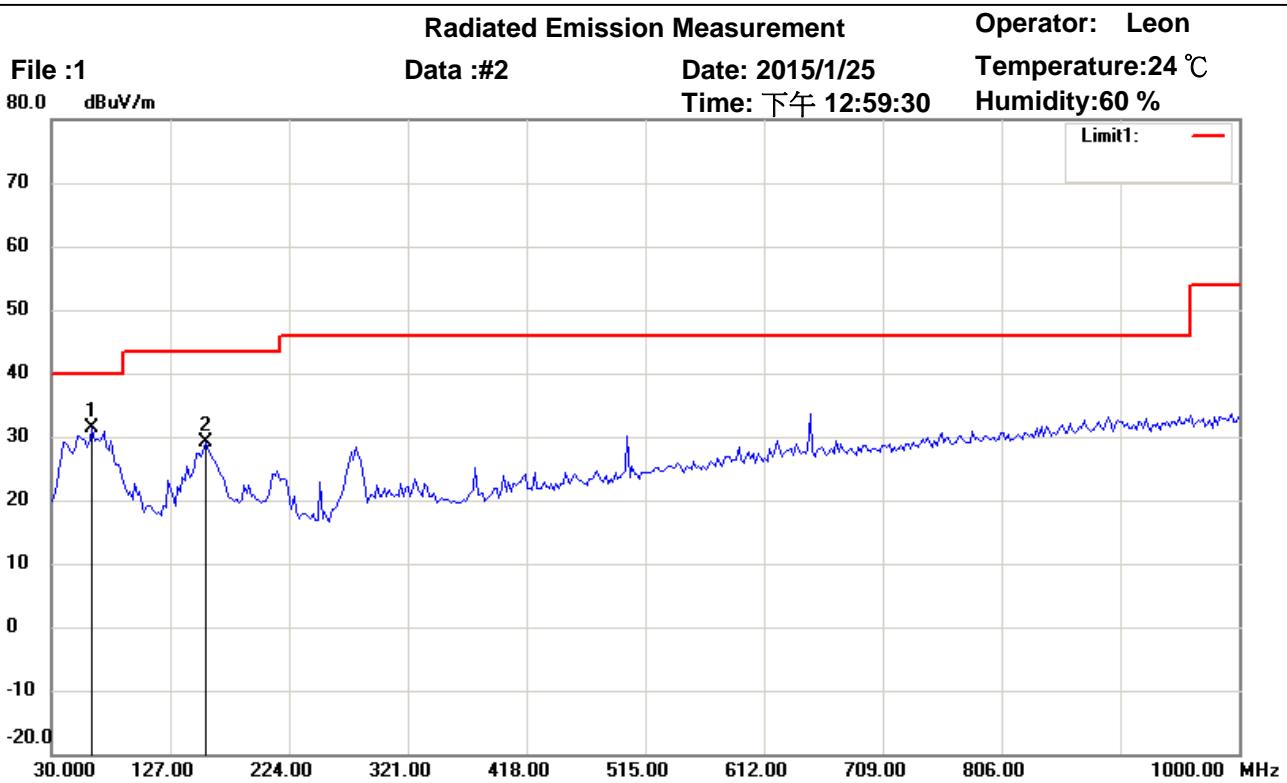
Test Mode : TX 802.11b CH11

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	9.07	peak	14.12	23.19	40.00	100	15	-16.81	
	325.4708	10.81	peak	16.73	27.54	46.00	100	125	-18.46	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

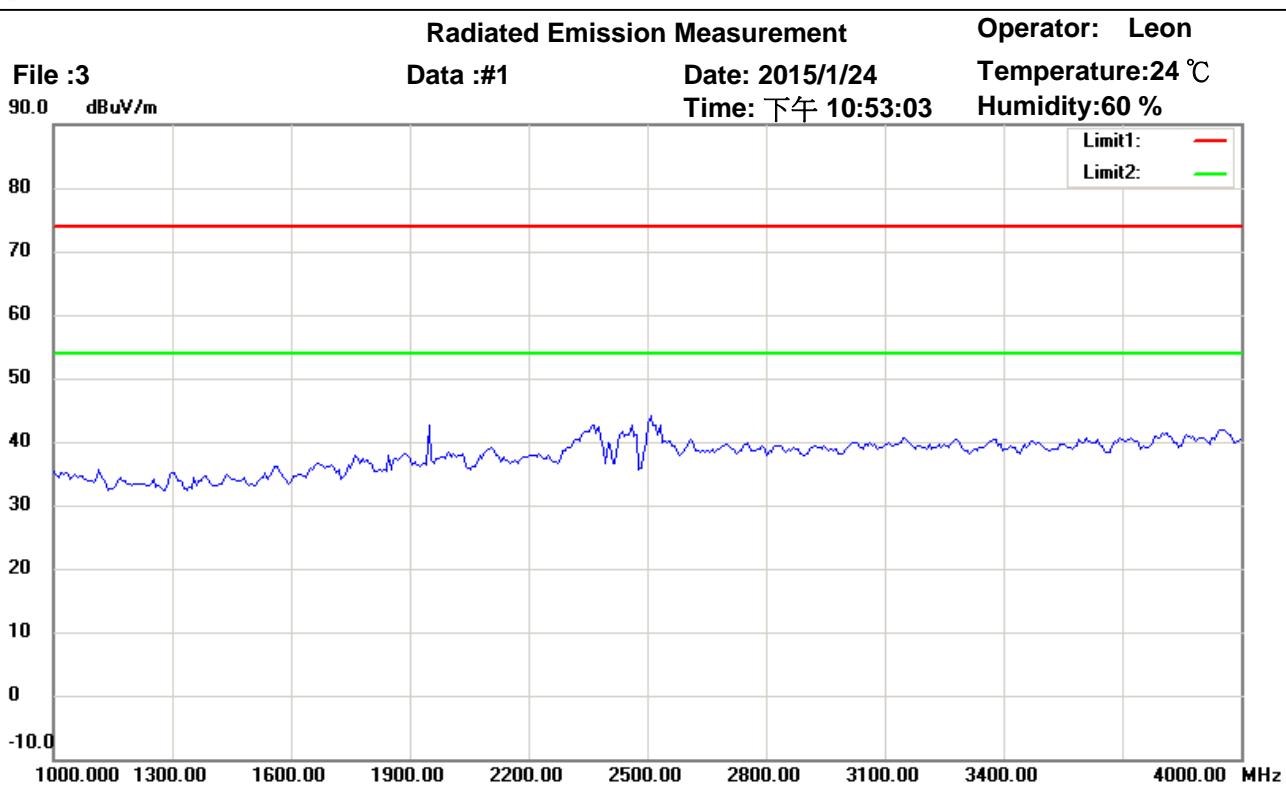
Test Mode : TX 802.11b CH11

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
*	63.0461	18.64	peak	12.74	31.38	40.00	100	105	-8.62	
	156.3527	13.66	peak	15.49	29.15	43.50	100	130	-14.35	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

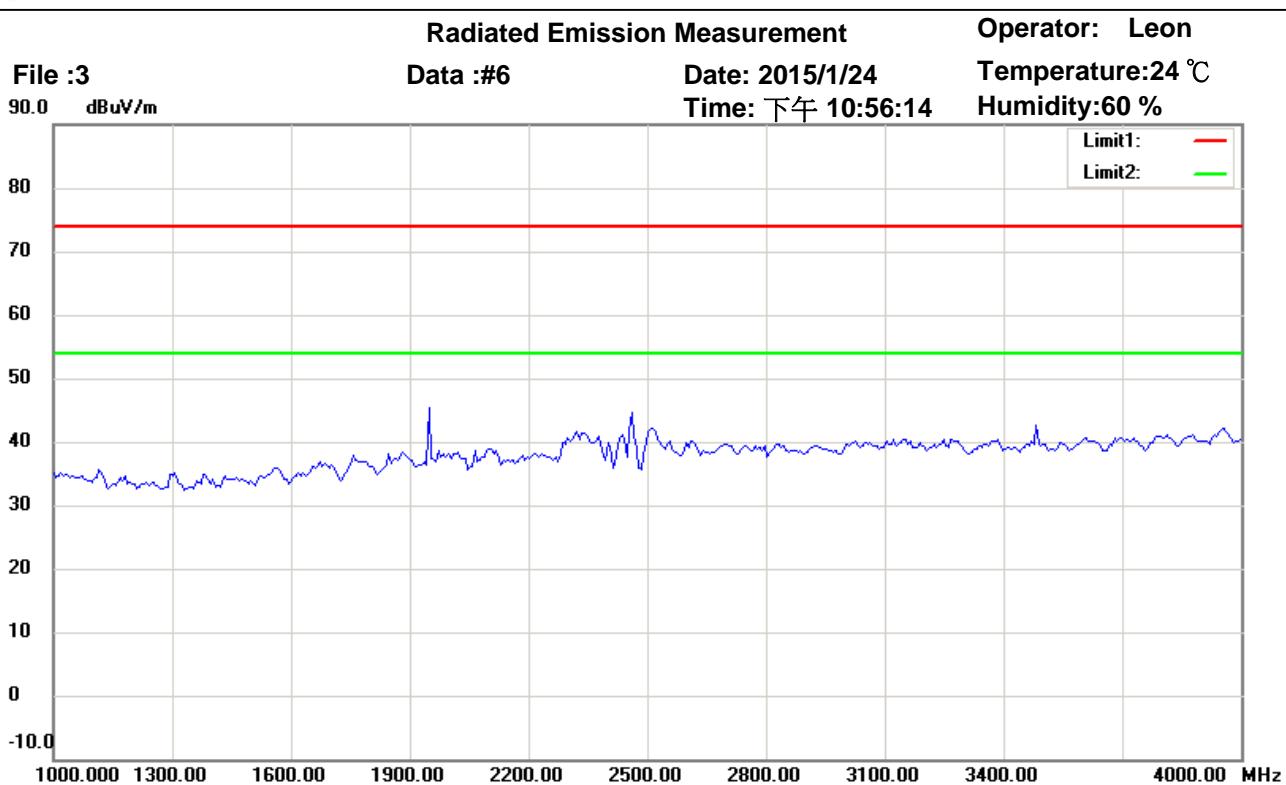
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

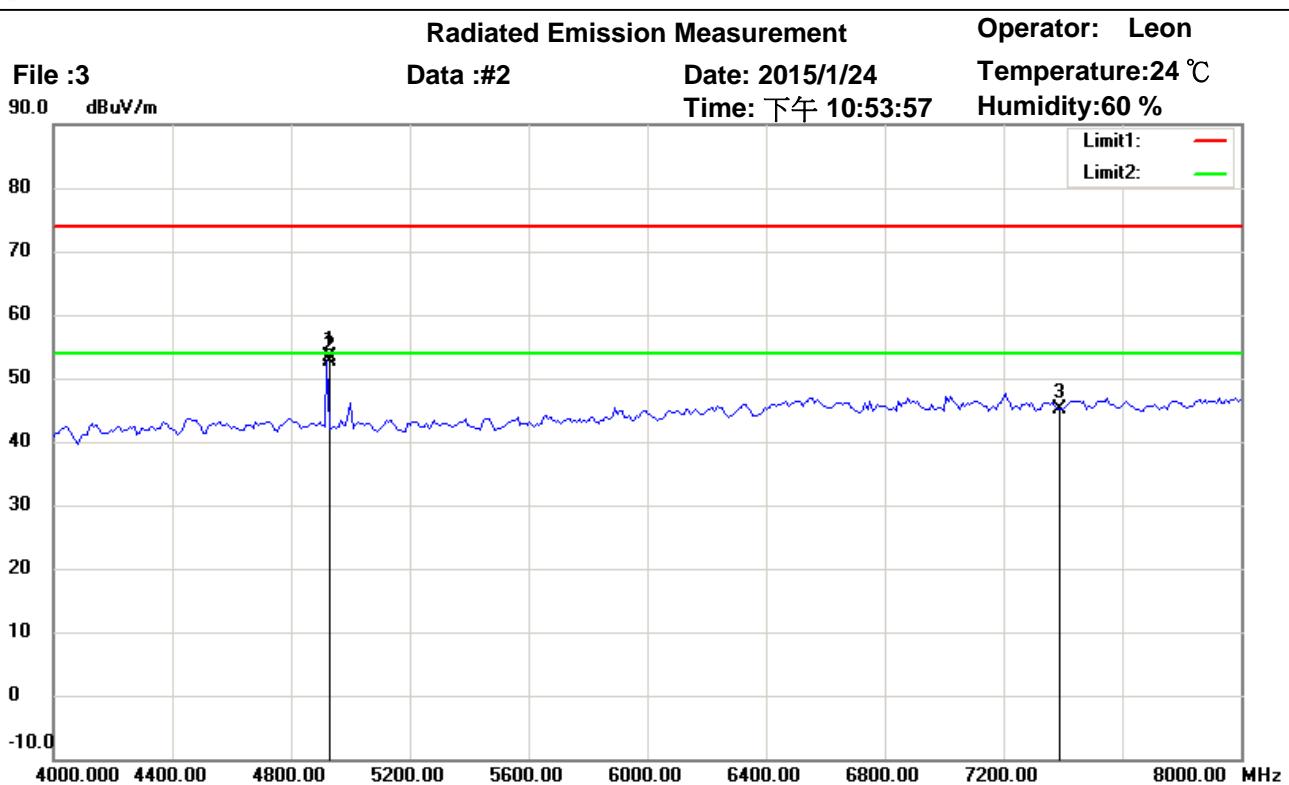
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

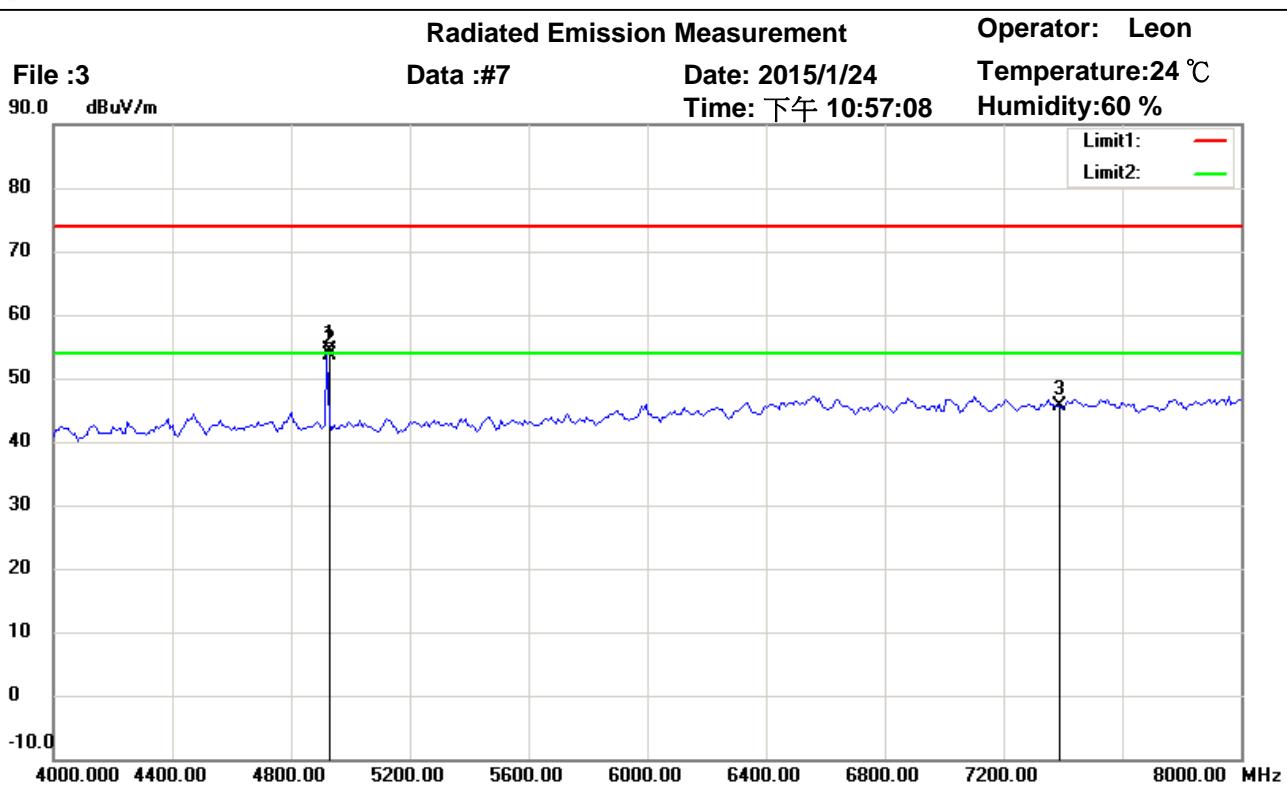
Test Mode : TX 802.11b CH11

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	52.69	peak	0.80	53.49	74.00	100	155	-20.51	
*	4921.844	51.95	AVG	0.80	52.75	54.00	100	155	-1.25	
	7386.000	40.36	peak	4.71	45.07	74.00	100	130	-28.93	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

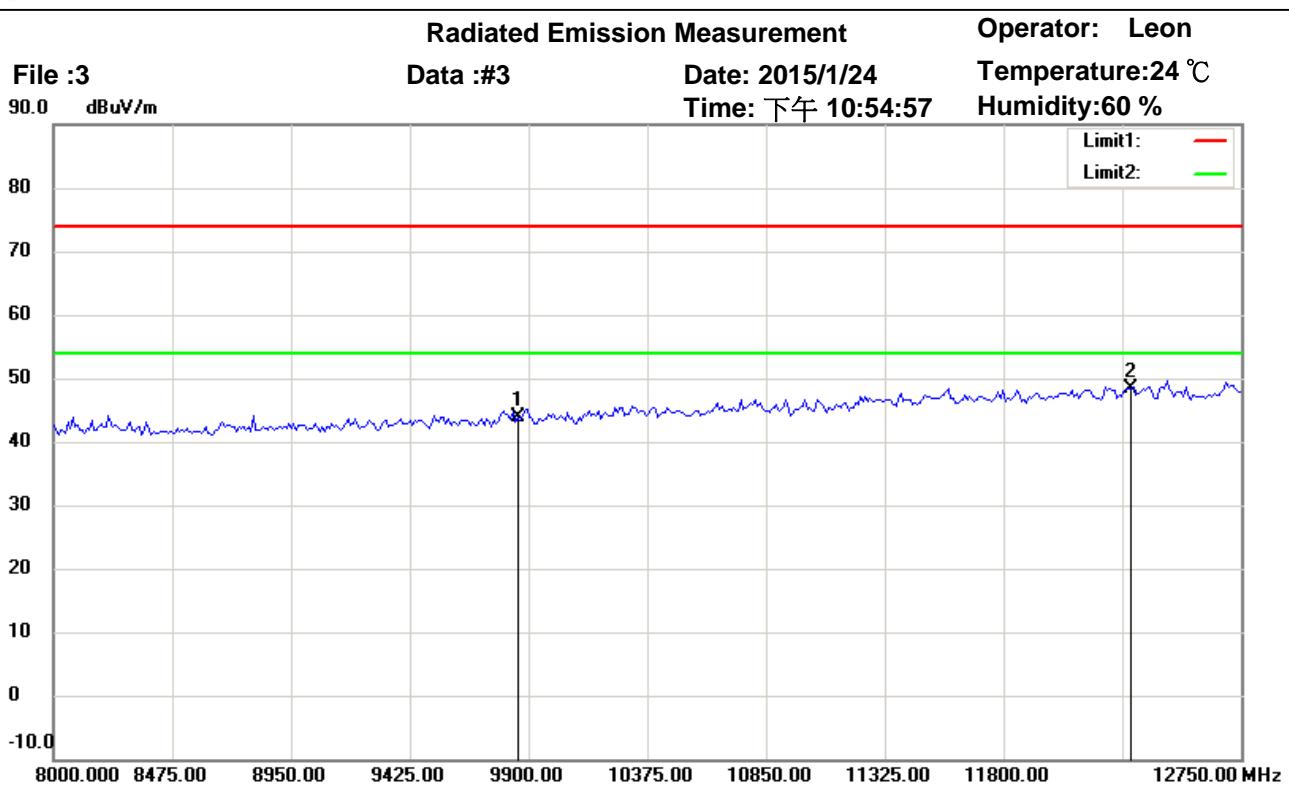
Test Mode : TX 802.11b CH11

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	53.61	peak	0.80	54.41	74.00	100	95	-19.59	
*	4921.844	52.77	AVG	0.80	53.57	54.00	100	95	-0.43	
	7386.000	40.89	peak	4.71	45.60	74.00	100	120	-28.40	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

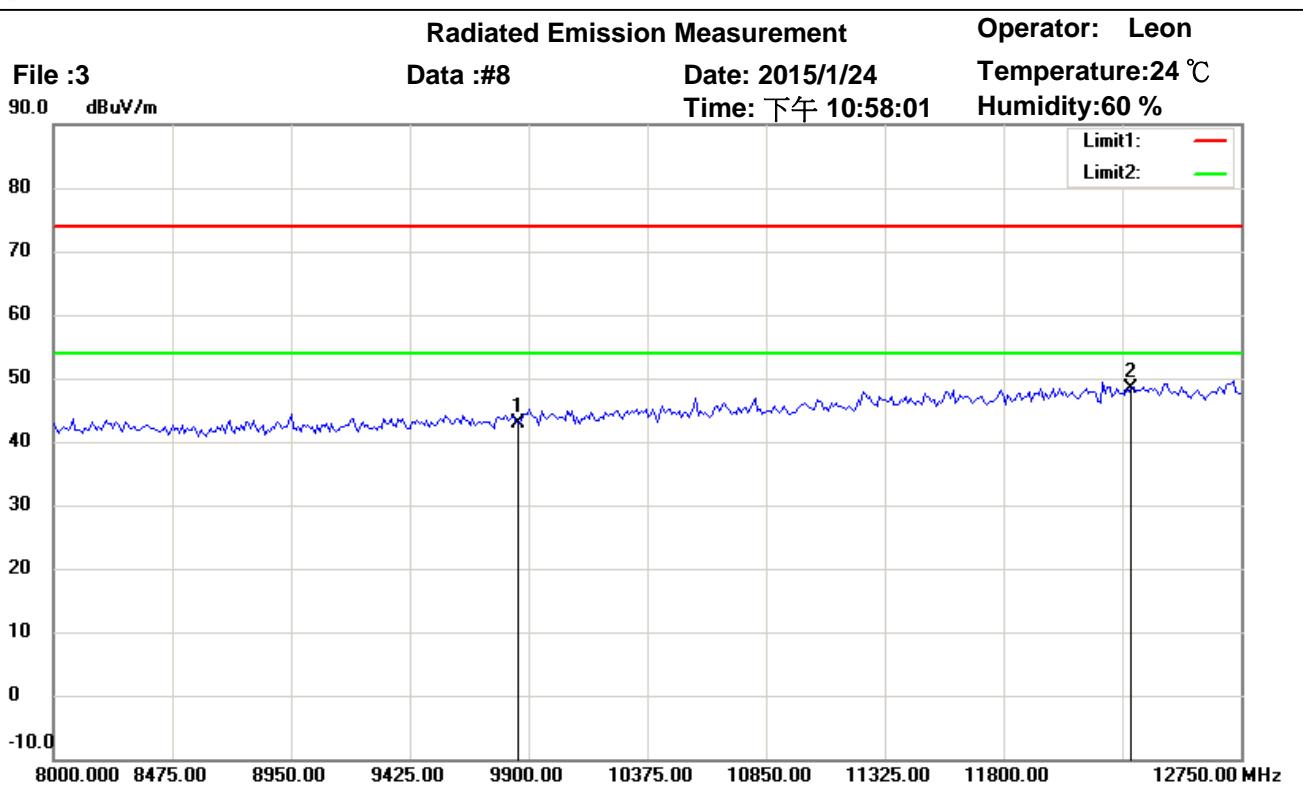
Test Mode : TX 802.11b CH11

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	35.94	peak	7.96	43.90	74.00	100	85	-30.10	
*	12310.000	34.73	peak	13.60	48.33	74.00	100	135	-25.67	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

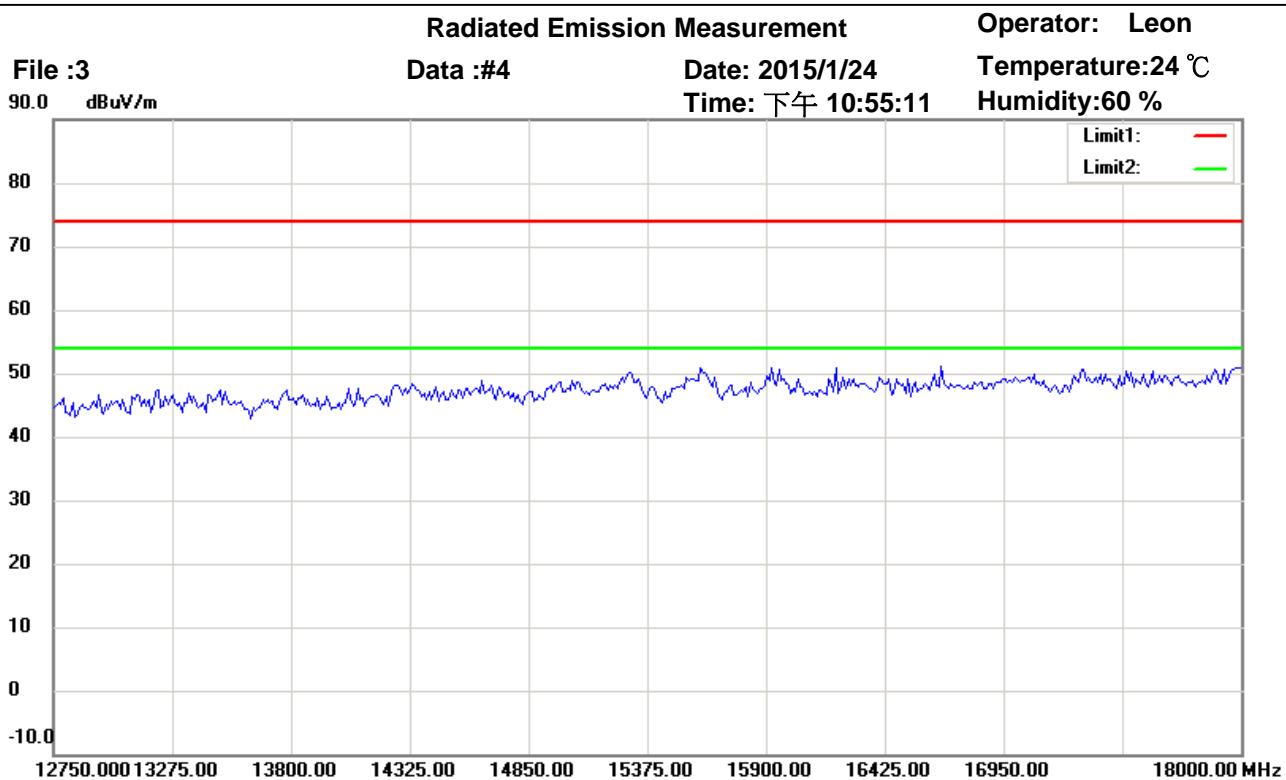
Test Mode : TX 802.11b CH11

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	35.03	peak	7.96	42.99	74.00	100	215	-31.01	
*	12310.000	34.82	peak	13.60	48.42	74.00	100	165	-25.58	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

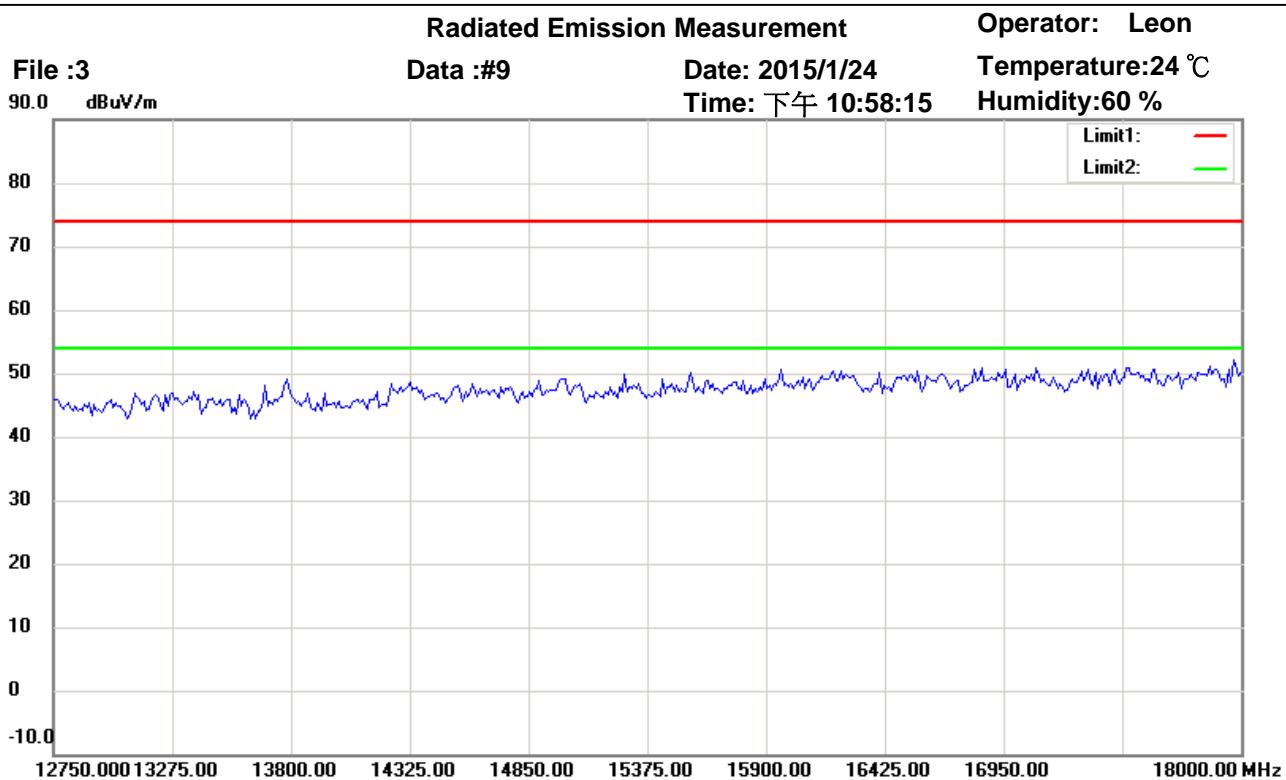
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

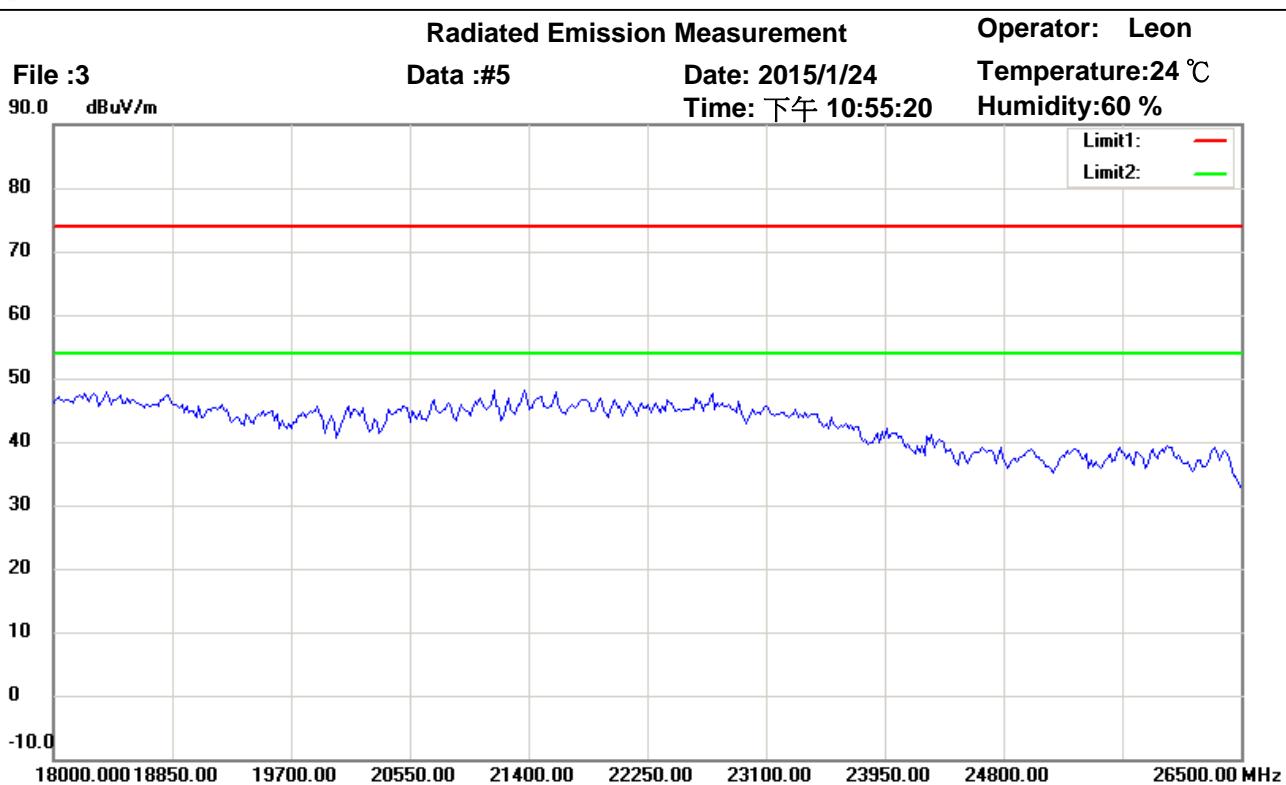
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

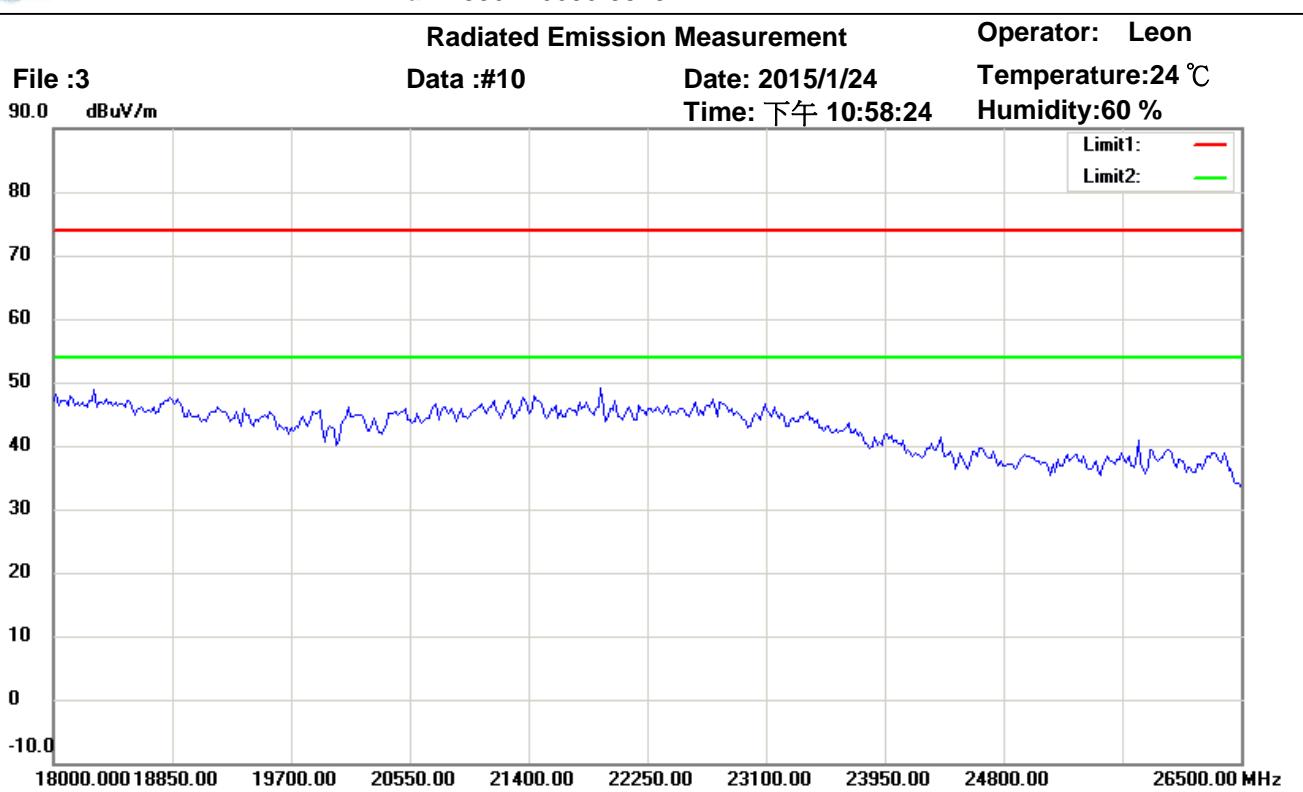
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

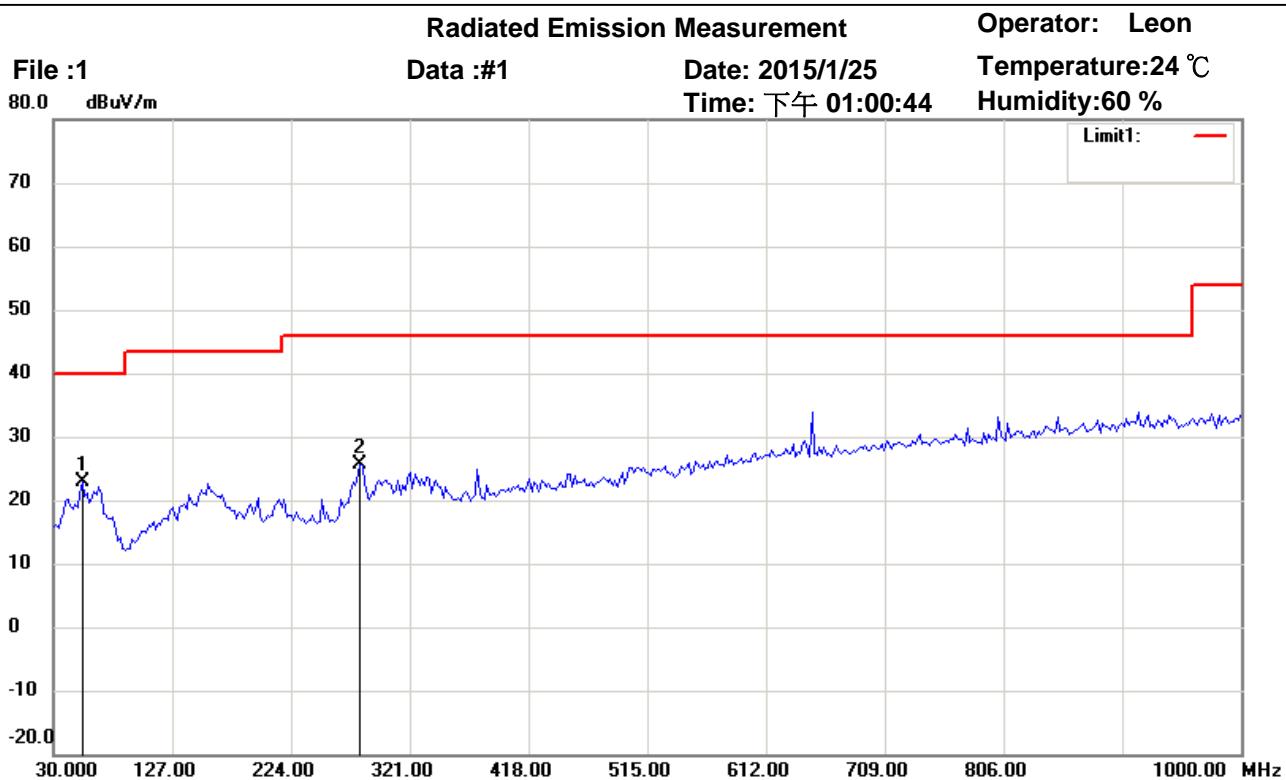
Test Mode : TX 802.11b CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

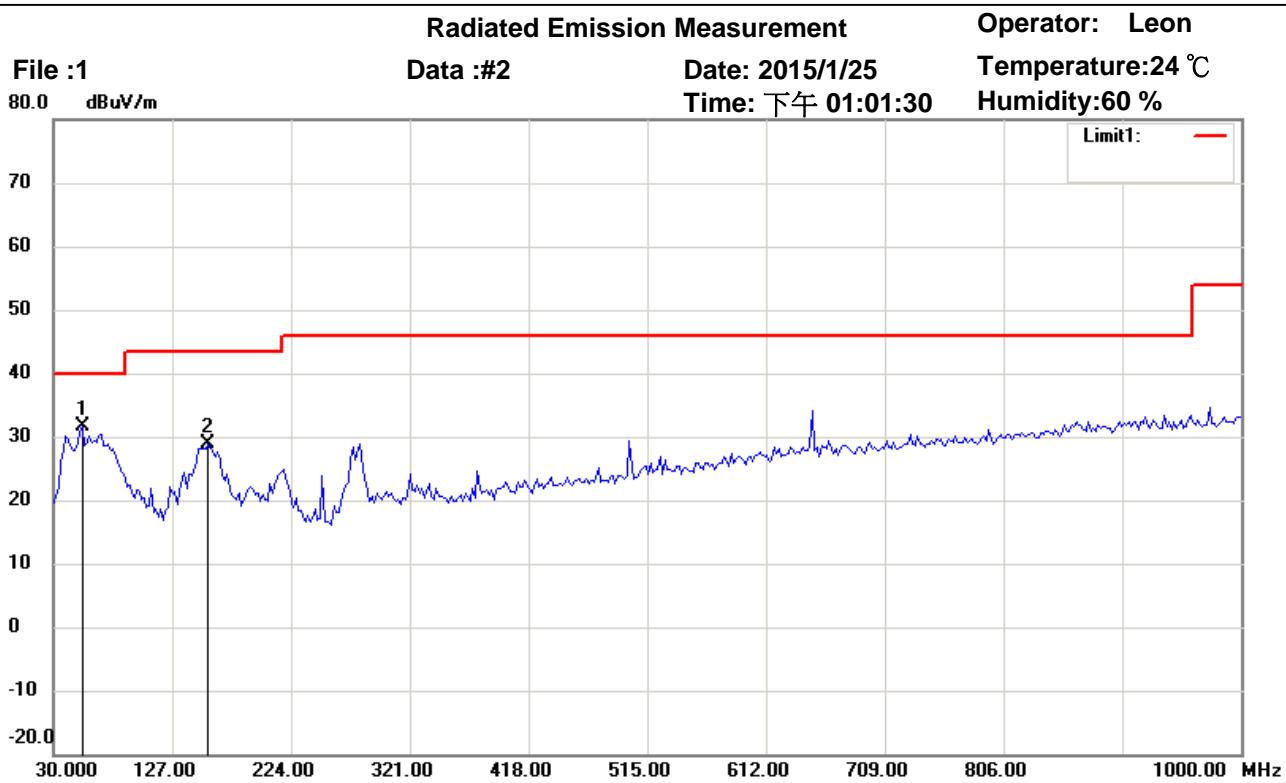
Test Mode : TX 802.11g CH1

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
*	53.3267	8.84	peak	14.12	22.96	40.00	100	65	-17.04	
	280.7615	9.86	peak	15.65	25.51	46.00	100	140	-20.49	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

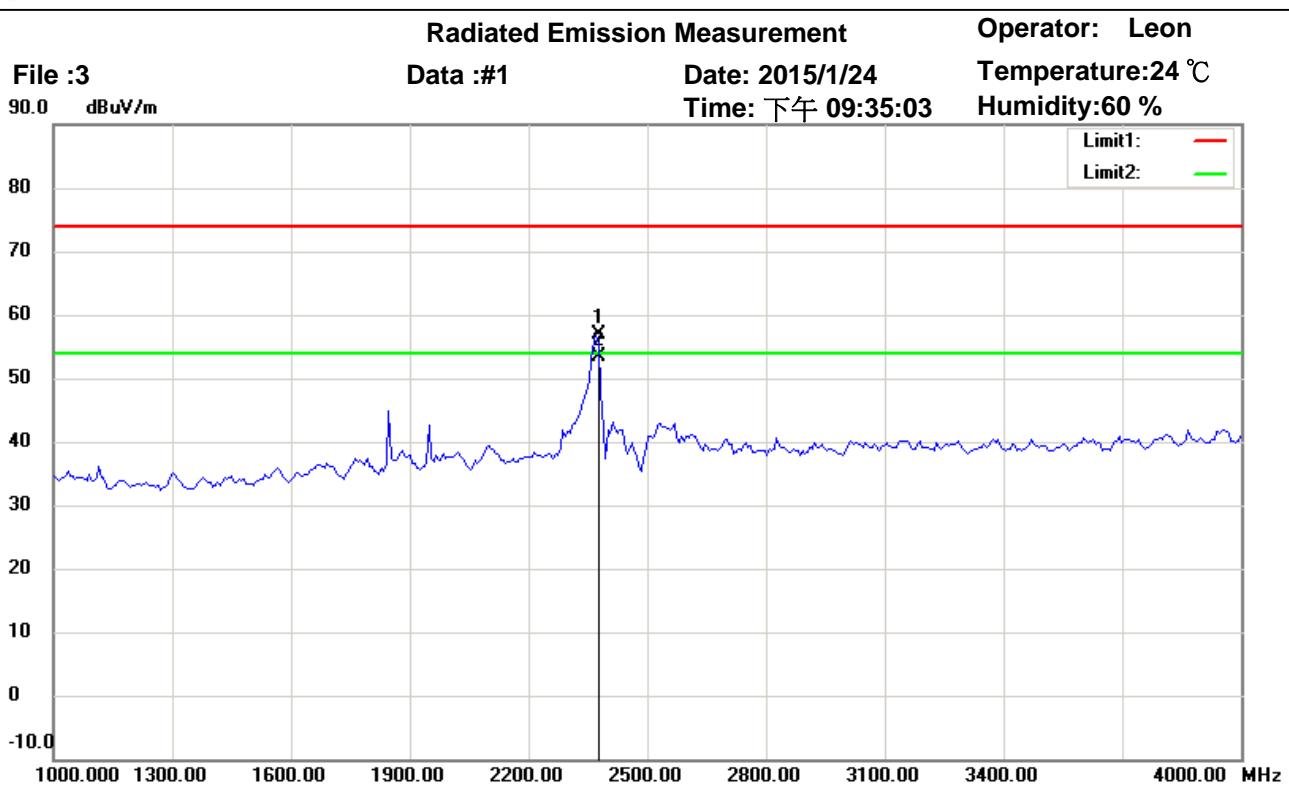
Test Mode : TX 802.11g CH1

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
*	53.3267	17.52	peak	14.12	31.64	40.00	100	115	-8.36	
	156.3527	13.48	peak	15.49	28.97	43.50	100	170	-14.53	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

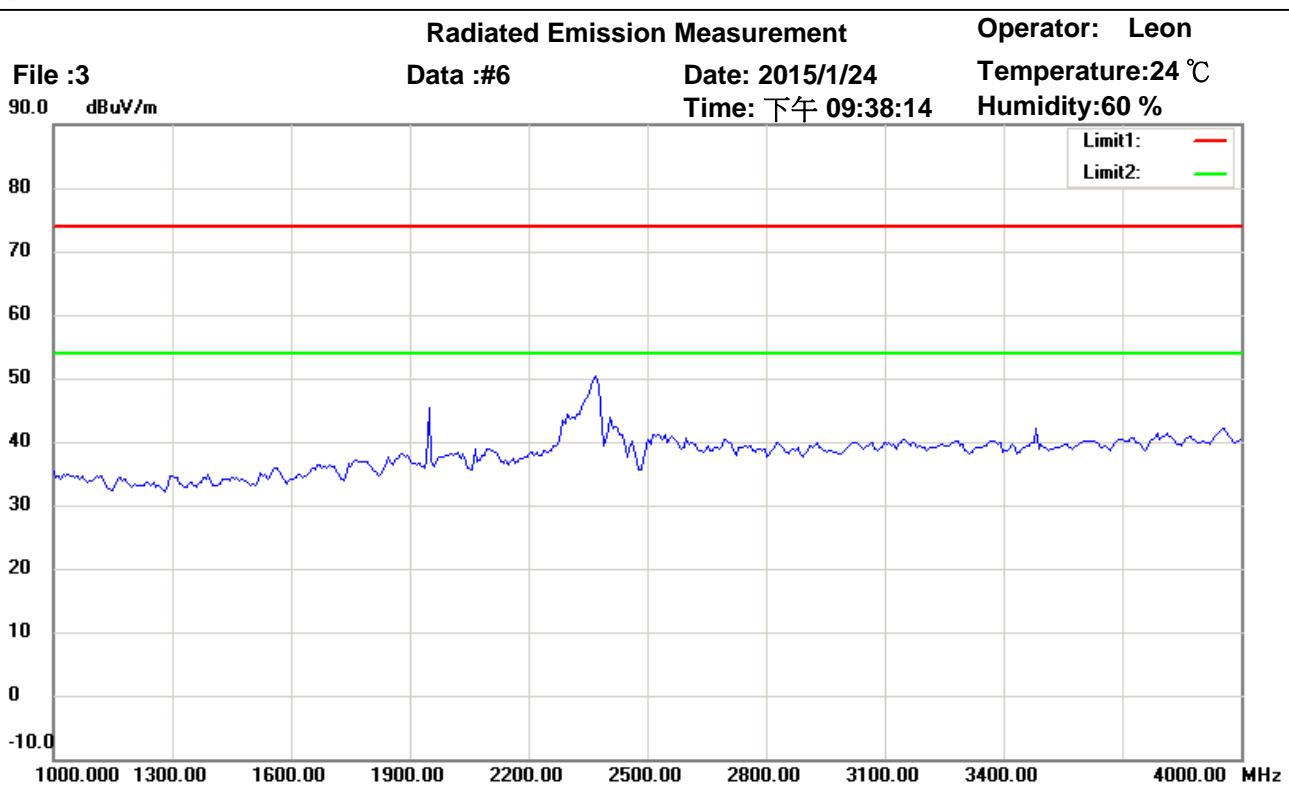
Test Mode : TX 802.11g CH1

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
	2370.742	61.69	peak	-4.85	56.84	74.00	100	135	-17.16	
*	2370.742	58.15	AVG	-4.85	53.30	54.00	100	135	-0.70	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

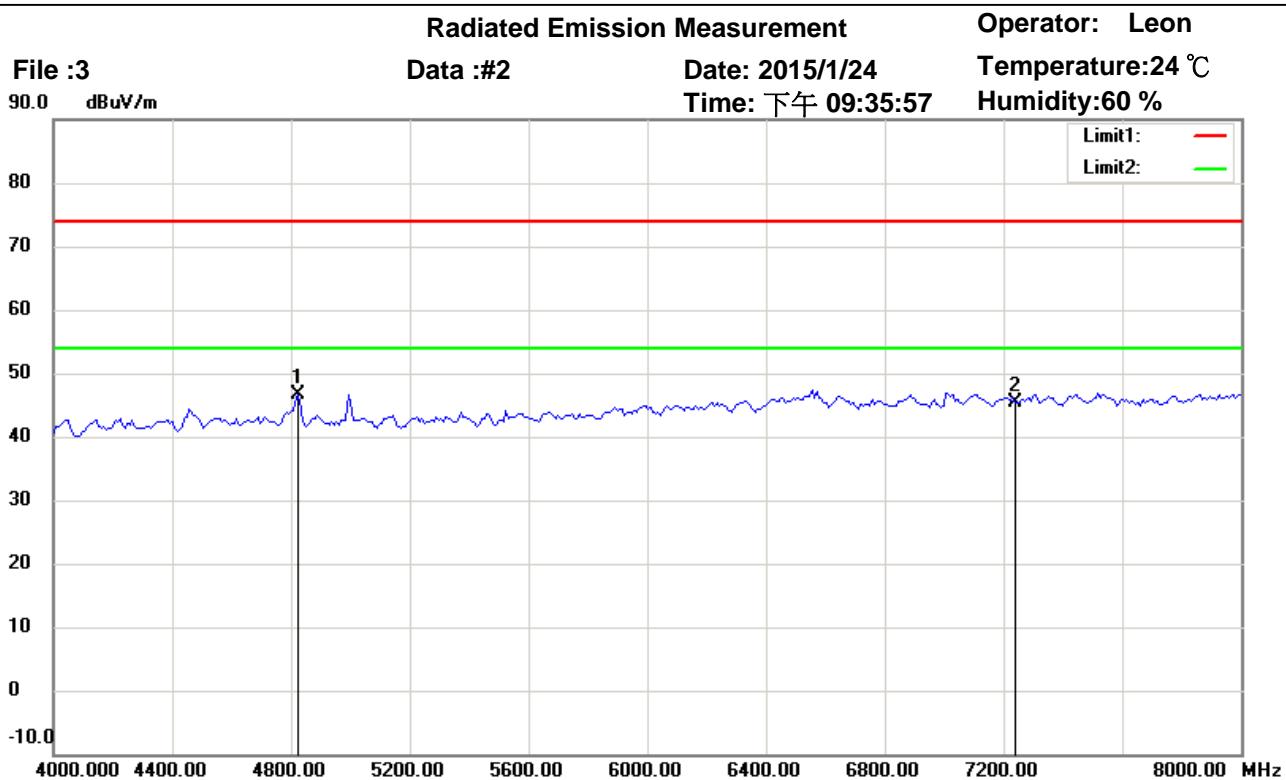
Test Mode : TX 802.11g CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

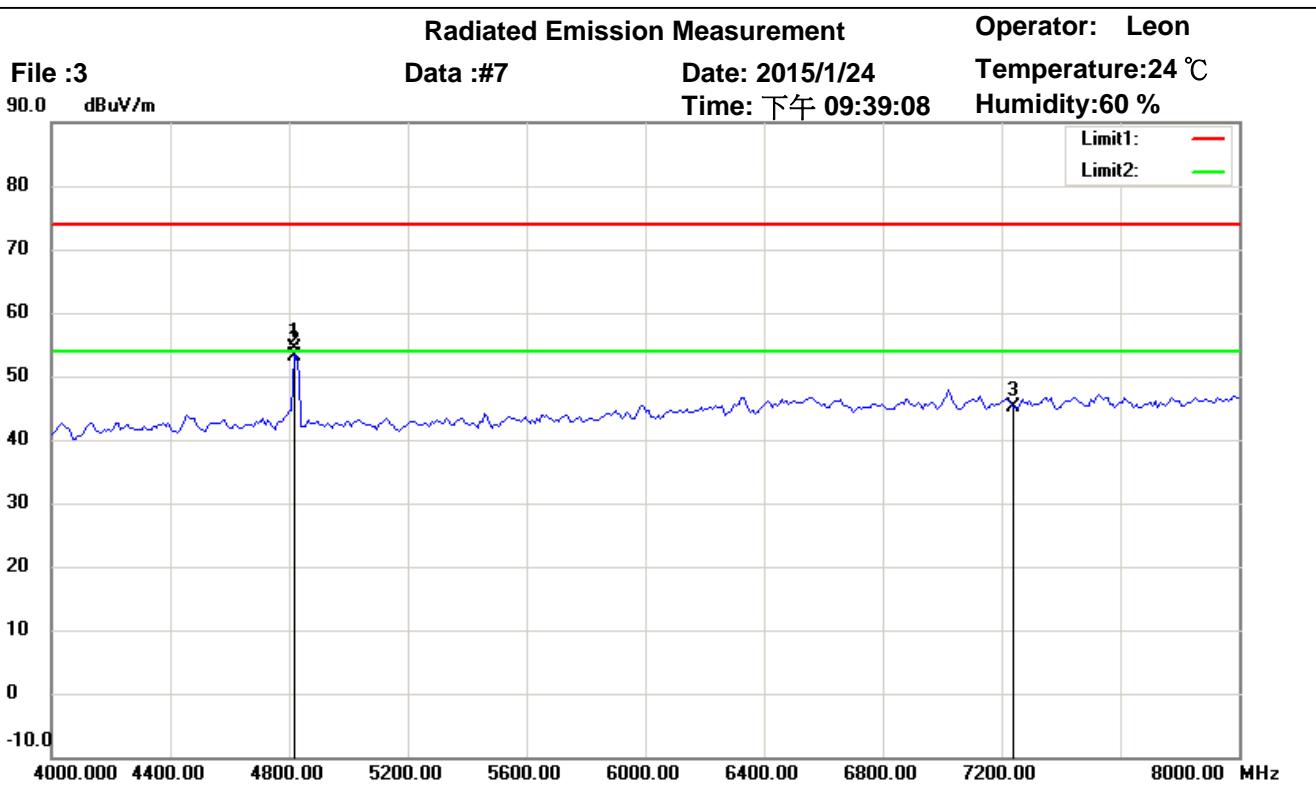
Test Mode : TX 802.11g CH1

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
*	4825.651	45.98	peak	0.69	46.67	74.00	100	170	-27.33	
	7236.000	41.02	peak	4.30	45.32	74.00	100	105	-28.68	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

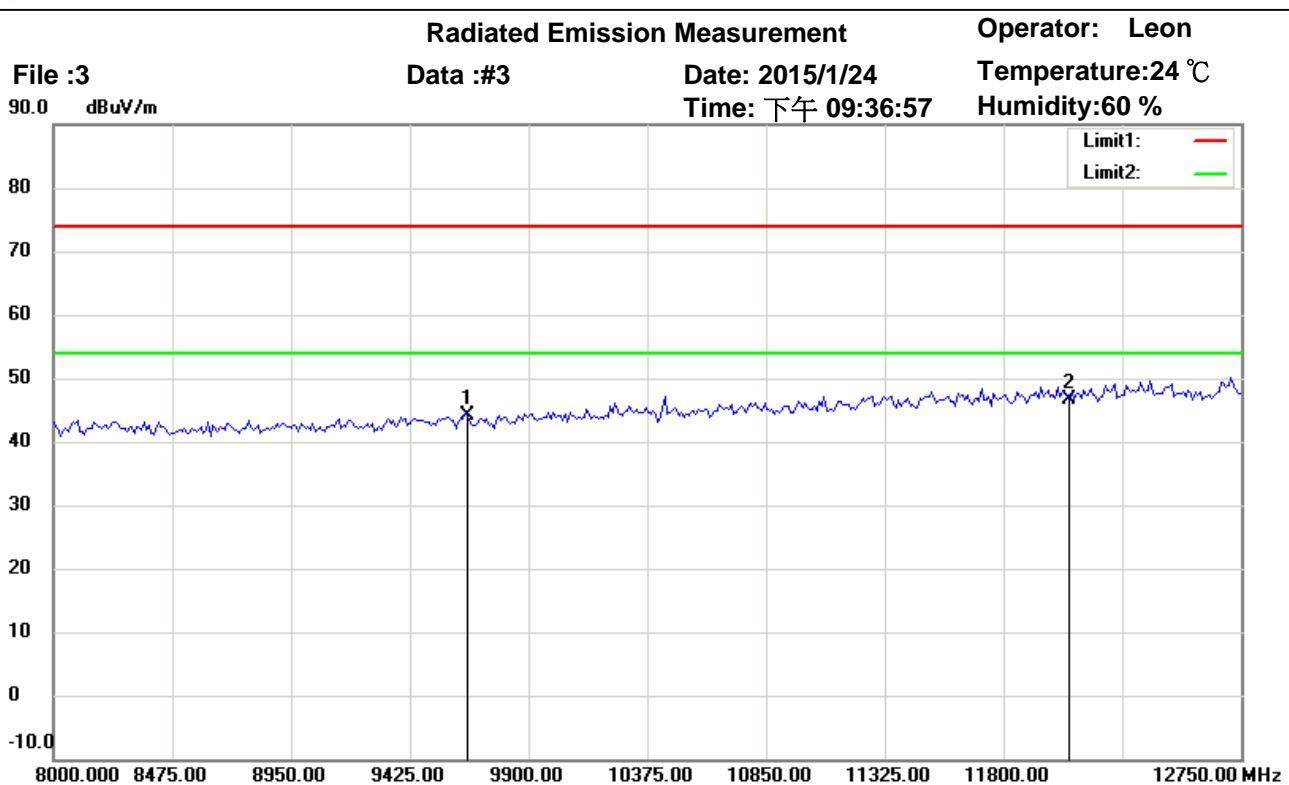
Test Mode : TX 802.11g CH1

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
	4817.635	53.76	peak	0.68	54.44	74.00	100	160	-19.56	
*	4817.635	52.33	AVG	0.68	53.01	54.00	100	160	-0.99	
	7236.000	40.90	peak	4.30	45.20	74.00	100	15	-28.80	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

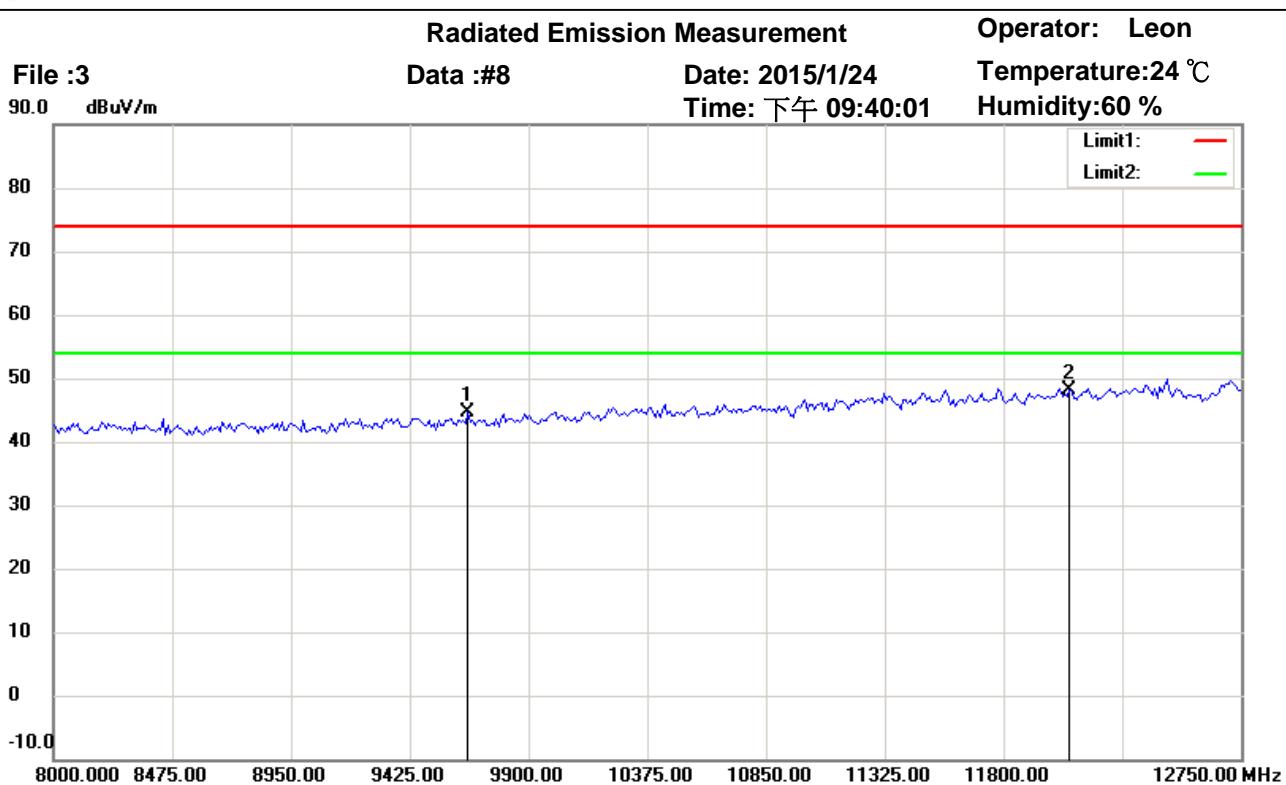
Test Mode : TX 802.11g CH1

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	36.70	peak	7.46	44.16	74.00	100	95	-29.84	
*	12060.000	33.48	peak	13.20	46.68	74.00	100	130	-27.32	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

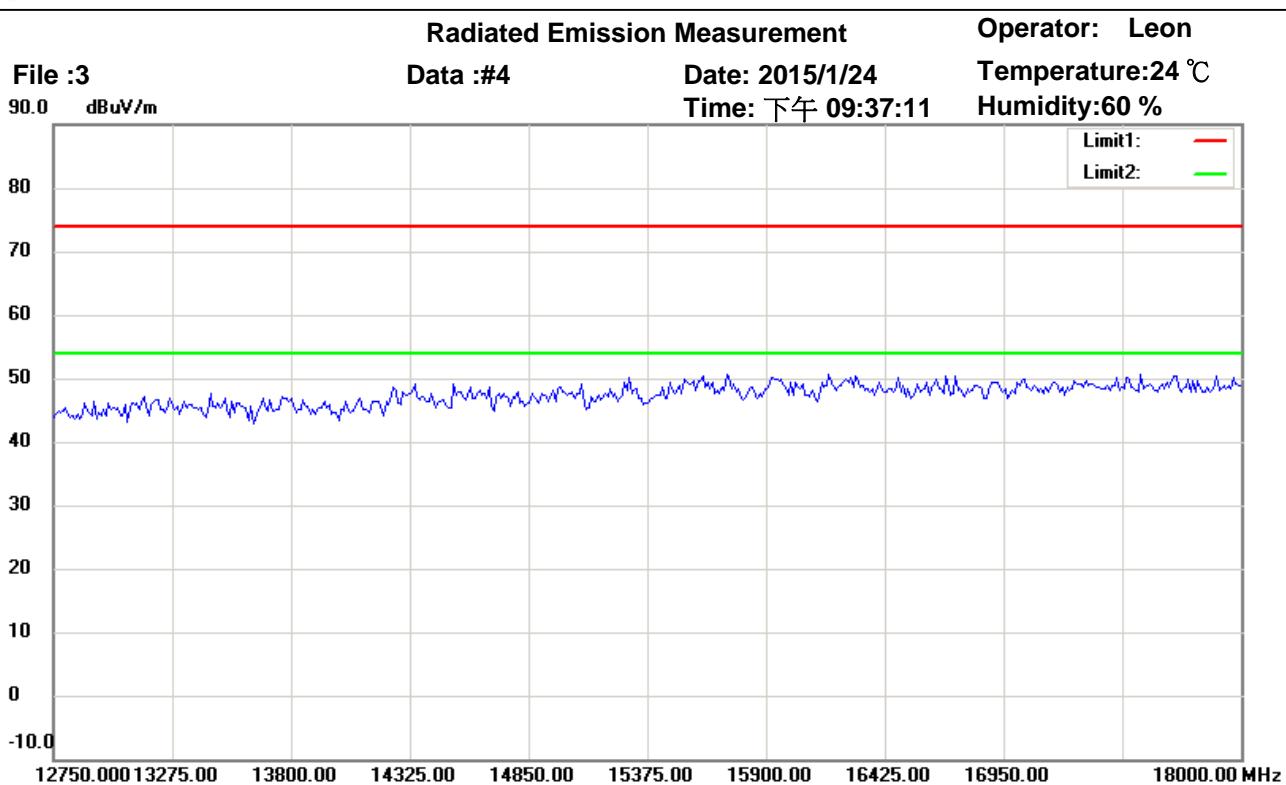
Test Mode : TX 802.11g CH1

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	37.24	peak	7.46	44.70	74.00	100	215	-29.30	
*	12060.000	34.94	peak	13.20	48.14	74.00	100	170	-25.86	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

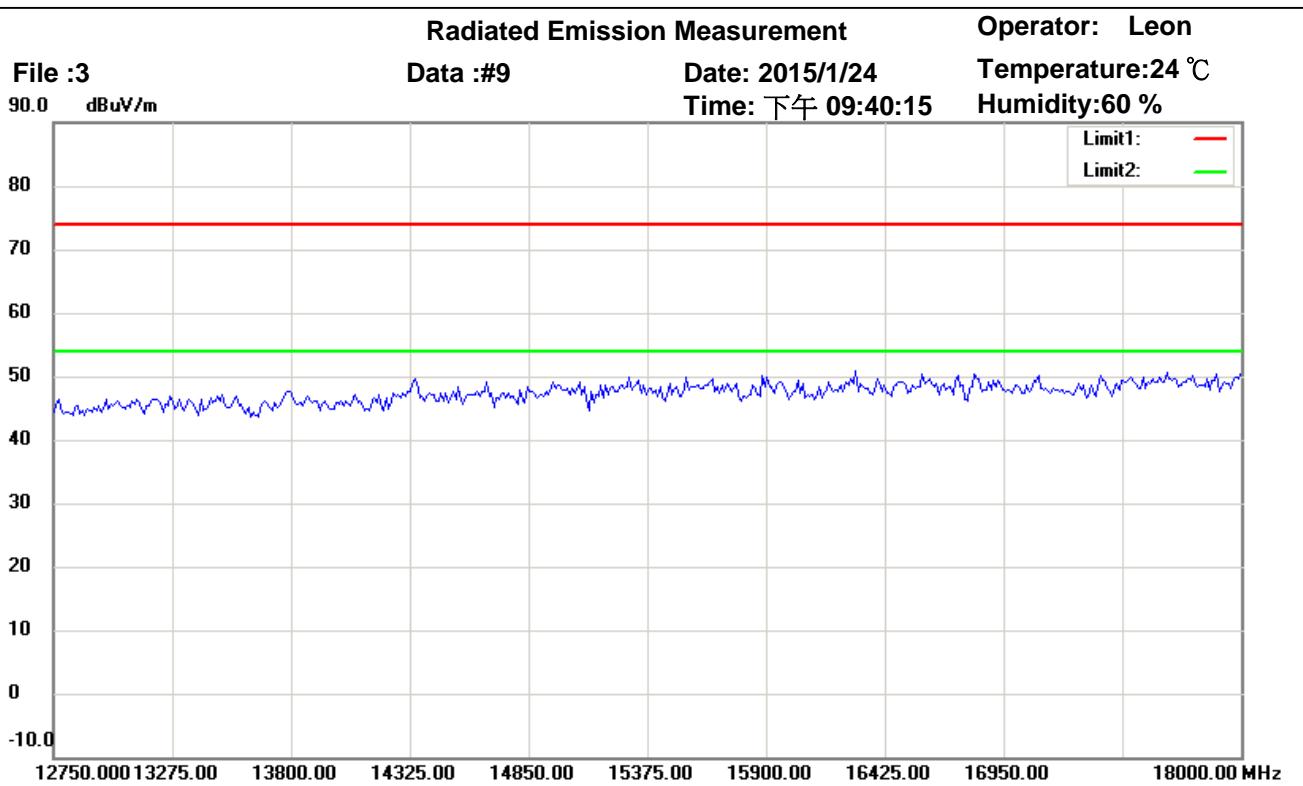
Test Mode : TX 802.11g CH1

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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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

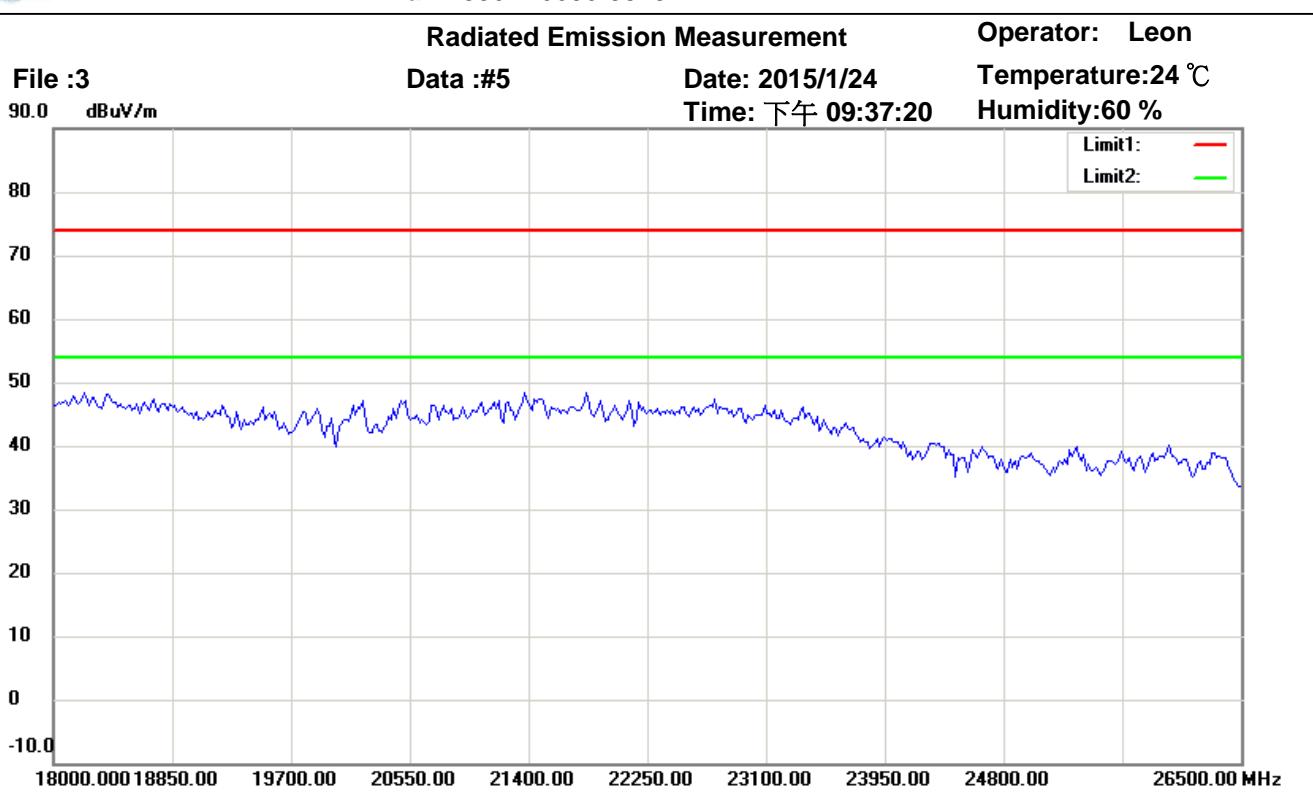
Test Mode : TX 802.11g CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

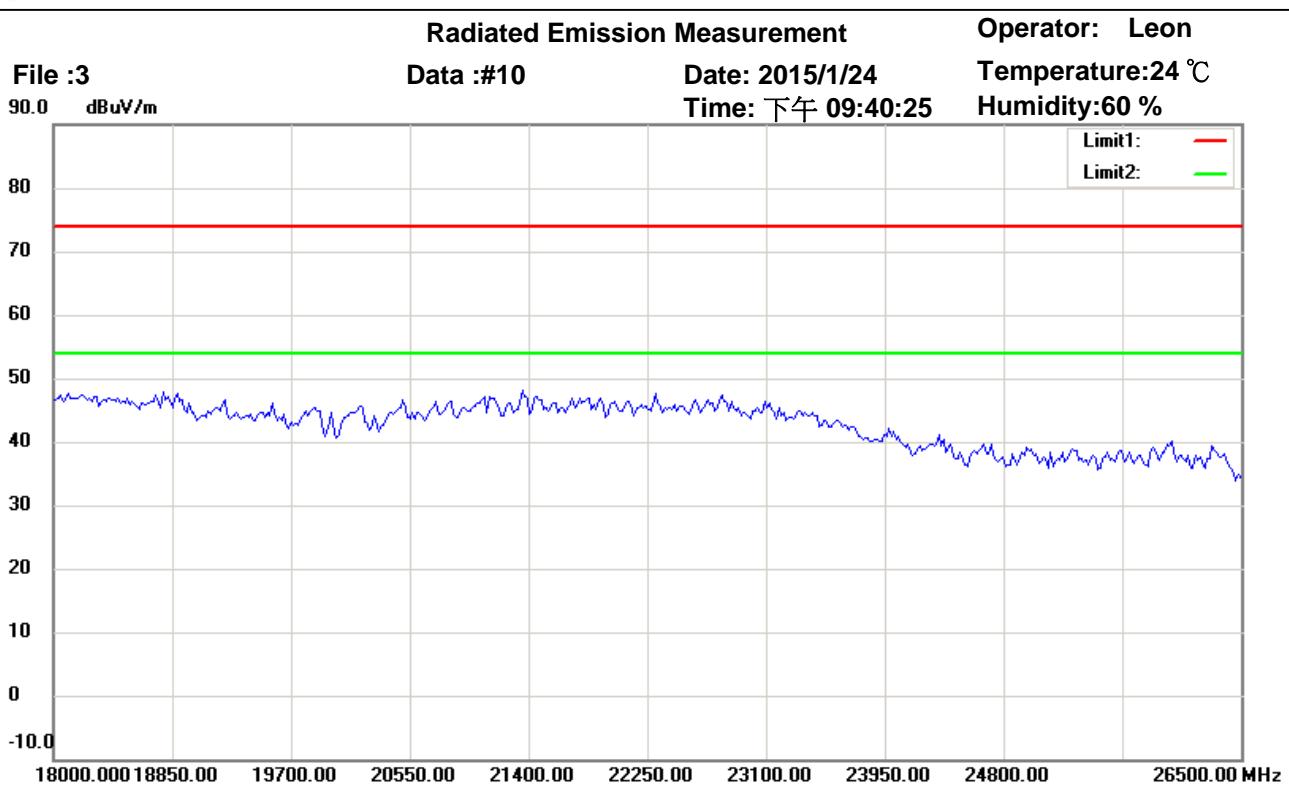
Test Mode : TX 802.11g CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

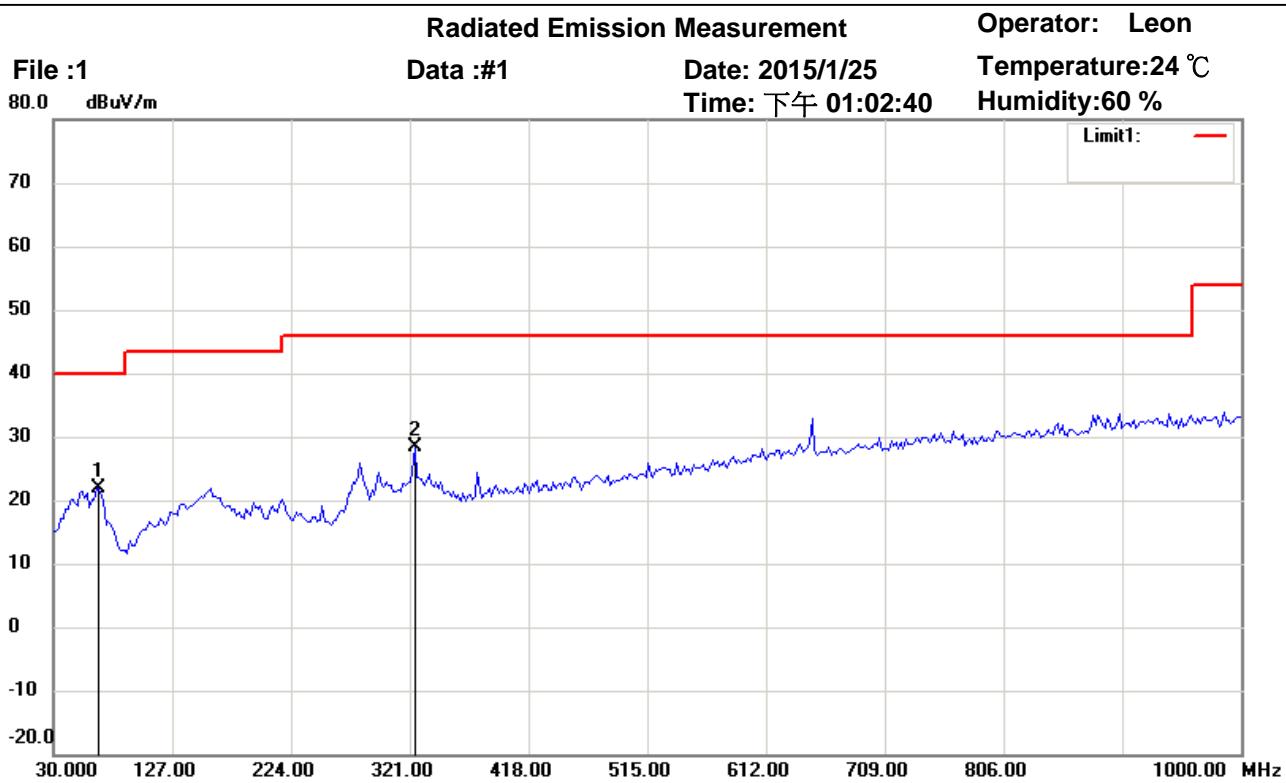
Test Mode : TX 802.11g CH1

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



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

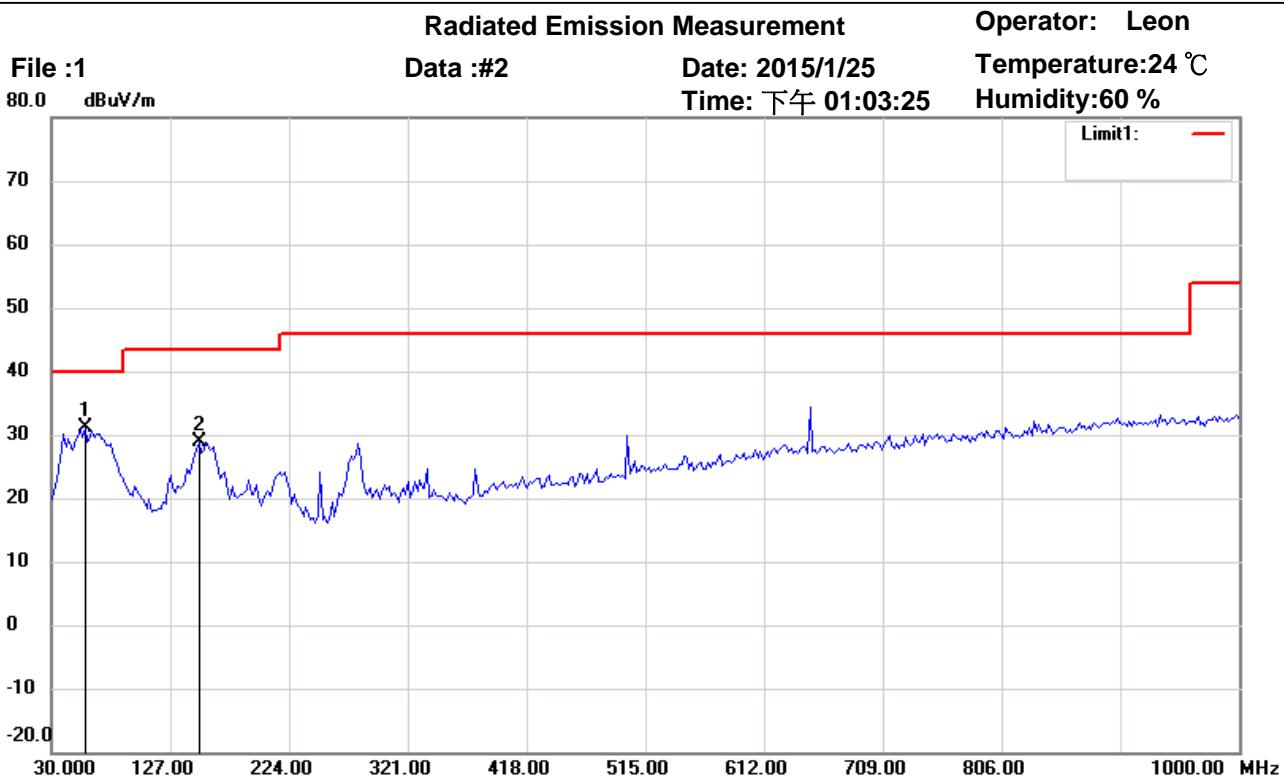
Test Mode : TX 802.11g CH6

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
	66.9338	9.67	peak	12.28	21.95	40.00	100	155	-18.05	
*	325.4708	11.74	peak	16.73	28.47	46.00	100	90	-17.53	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

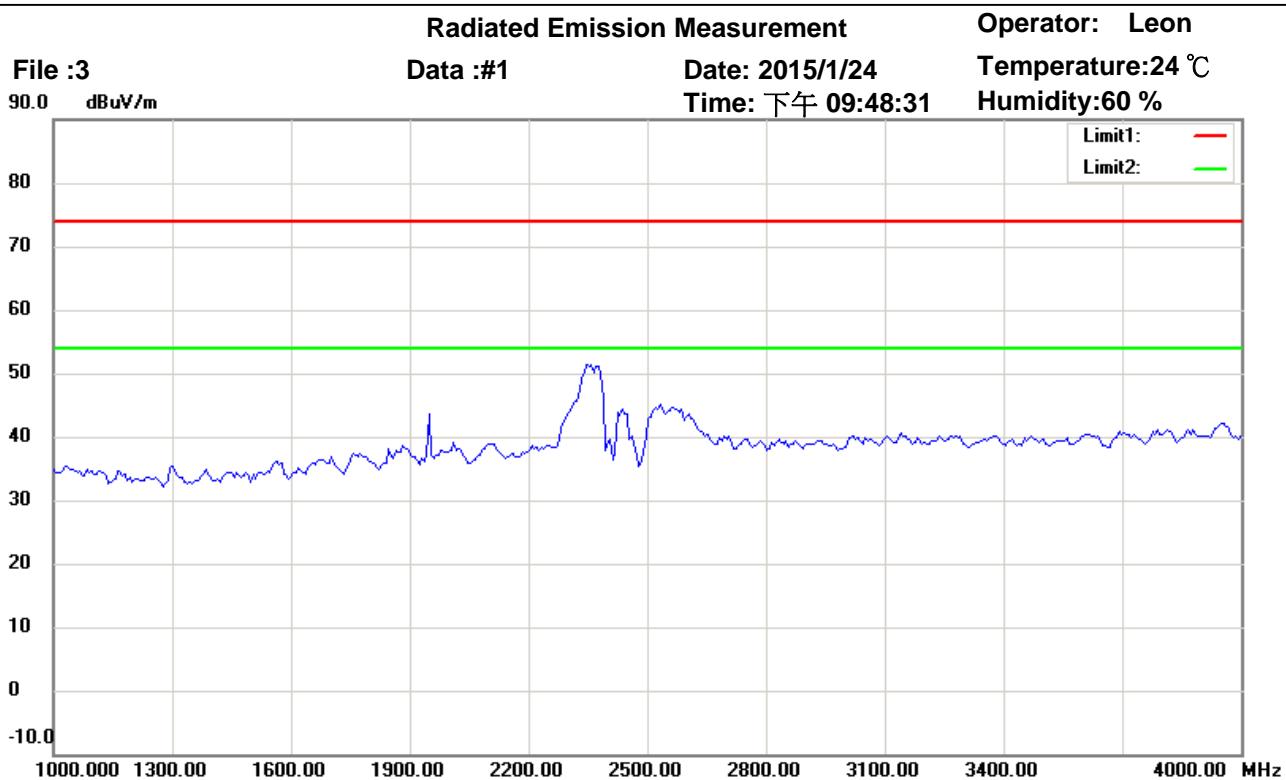
Test Mode : TX 802.11g CH6

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
*	57.2144	17.60	peak	13.53	31.13	40.00	100	35	-8.87	
	150.5210	13.41	peak	15.50	28.91	43.50	100	60	-14.59	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

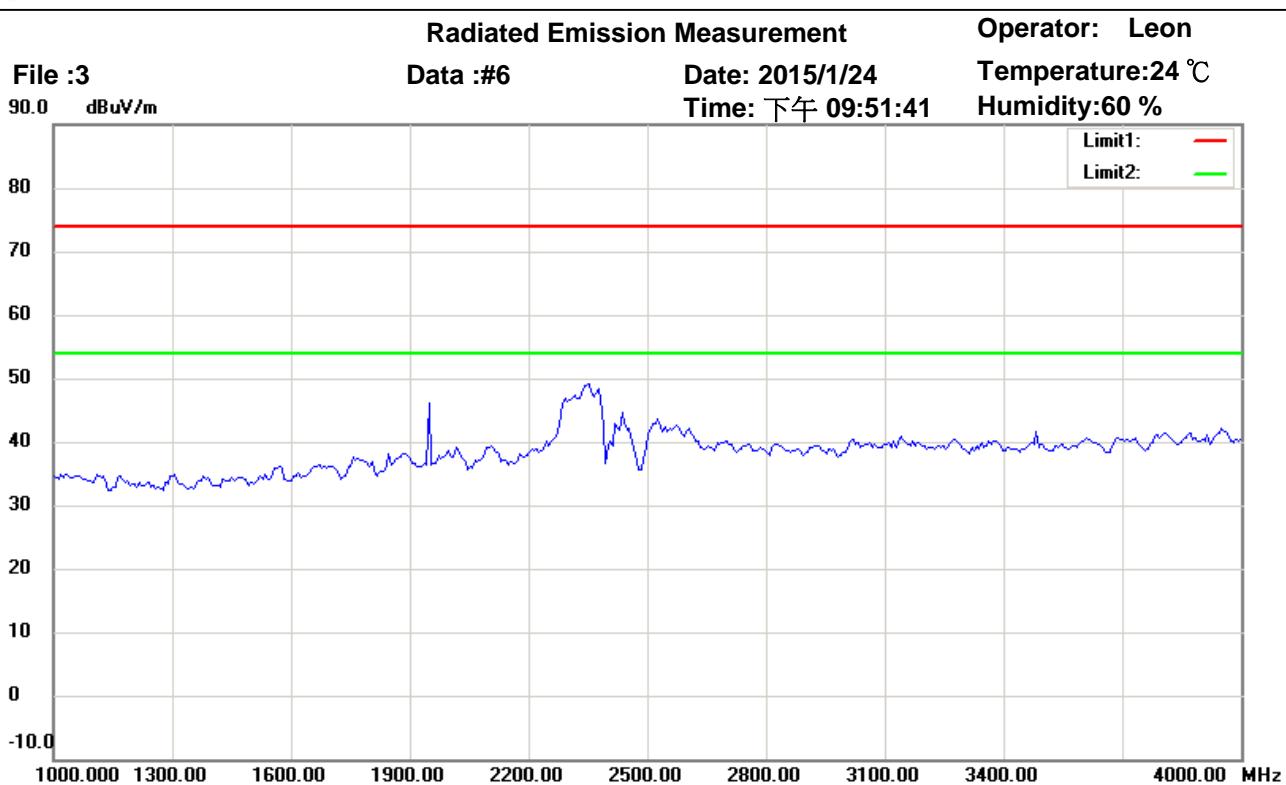
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

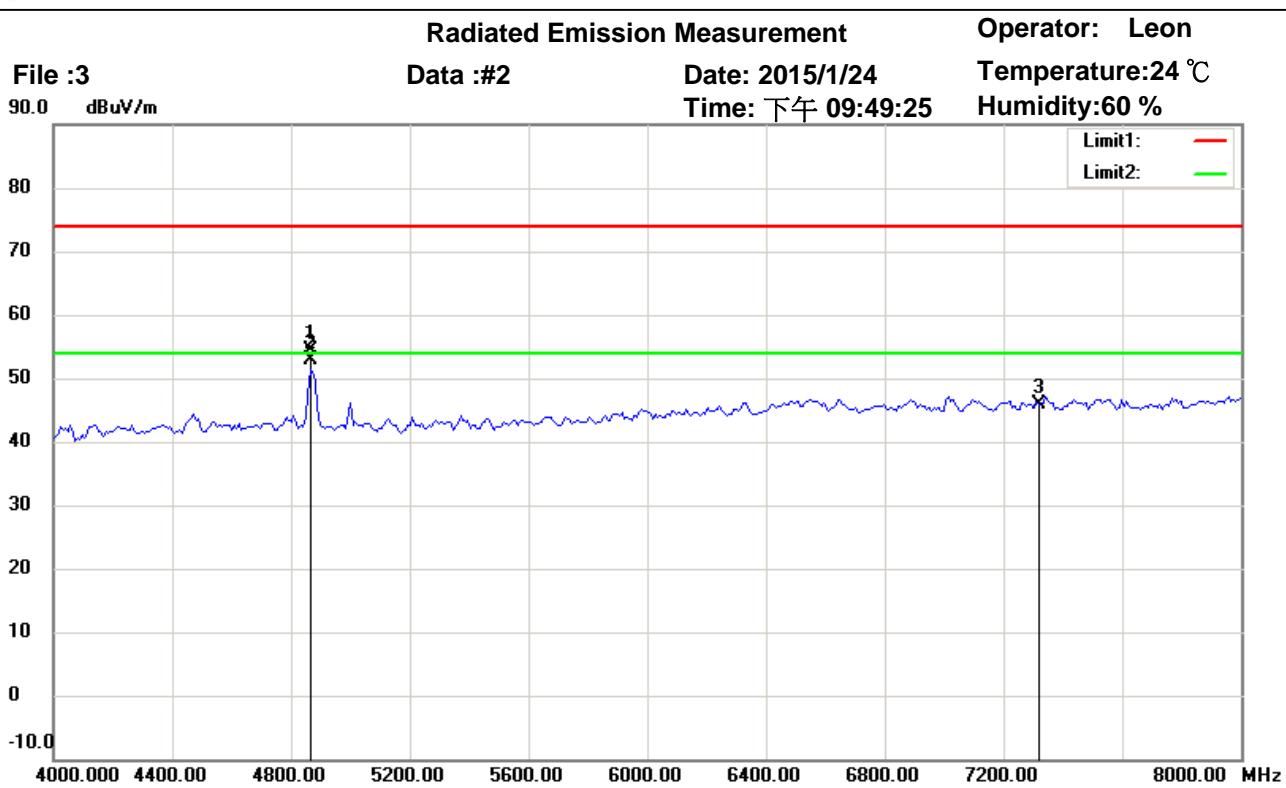
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

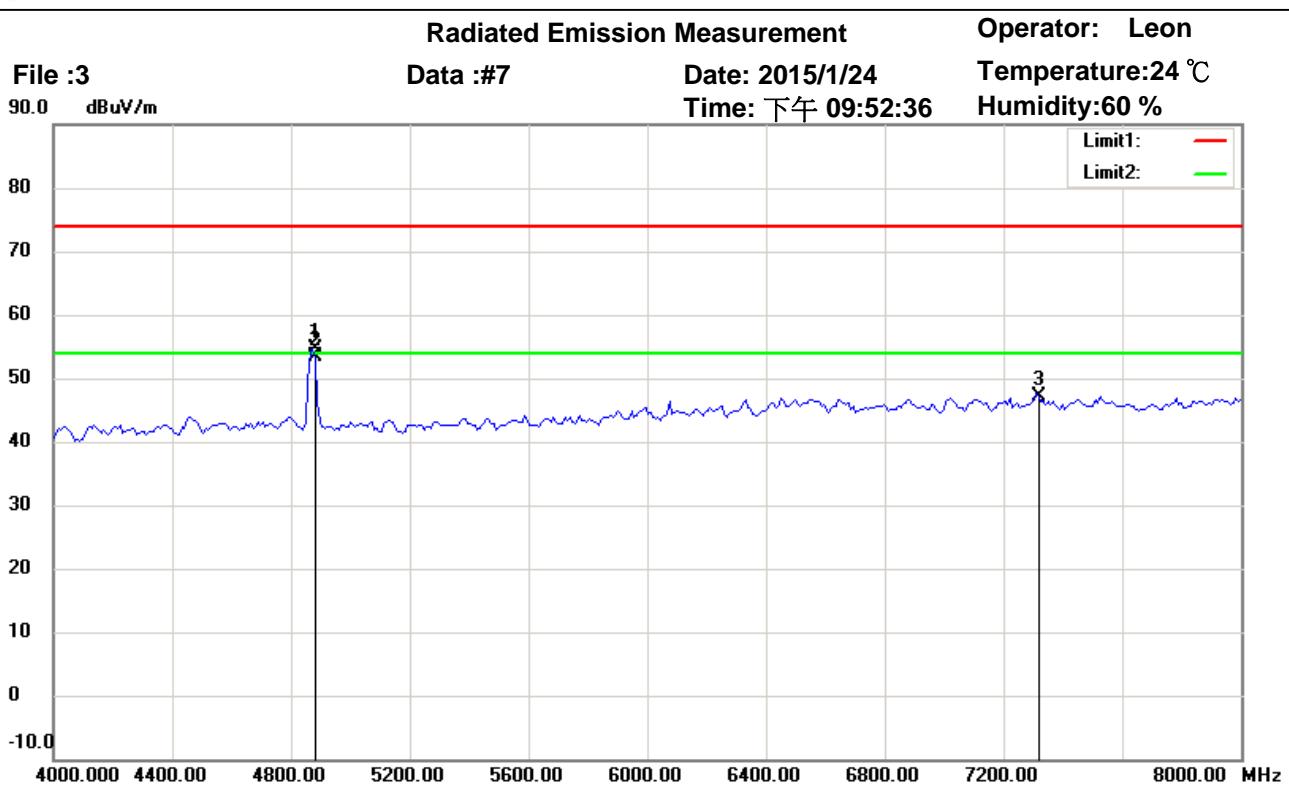
Test Mode : TX 802.11g CH6

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
	4865.731	53.71	peak	0.73	54.44	74.00	100	175	-19.56	
*	4865.731	52.12	AVG	0.73	52.85	54.00	100	175	-1.15	
	7311.000	41.47	peak	4.39	45.86	74.00	100	130	-28.14	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11g CH6

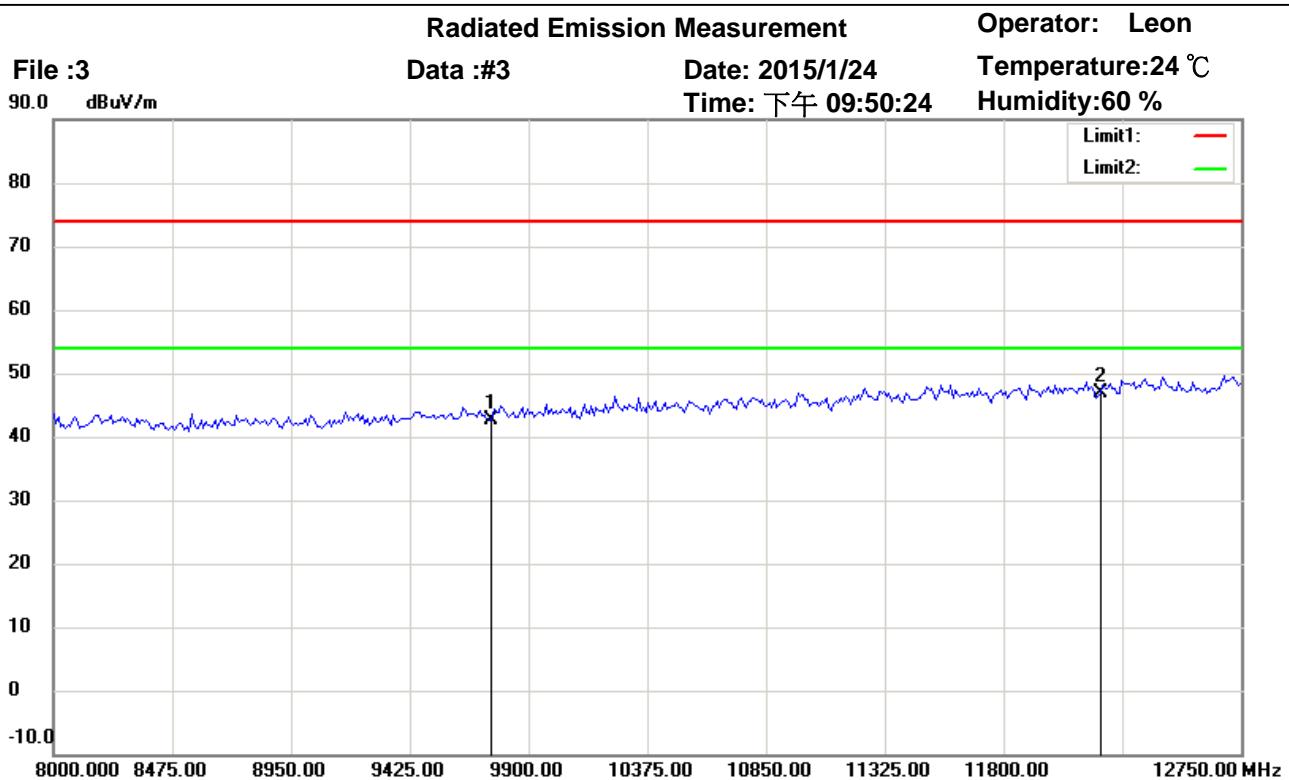
Note :

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	53.78	peak	0.73	54.51	74.00	100	213	-19.49	
*	4873.748	52.59	AVG	0.73	53.32	54.00	100	213	-0.68	
	7311.000	42.69	peak	4.39	47.08	74.00	100	160	-26.92	

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



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

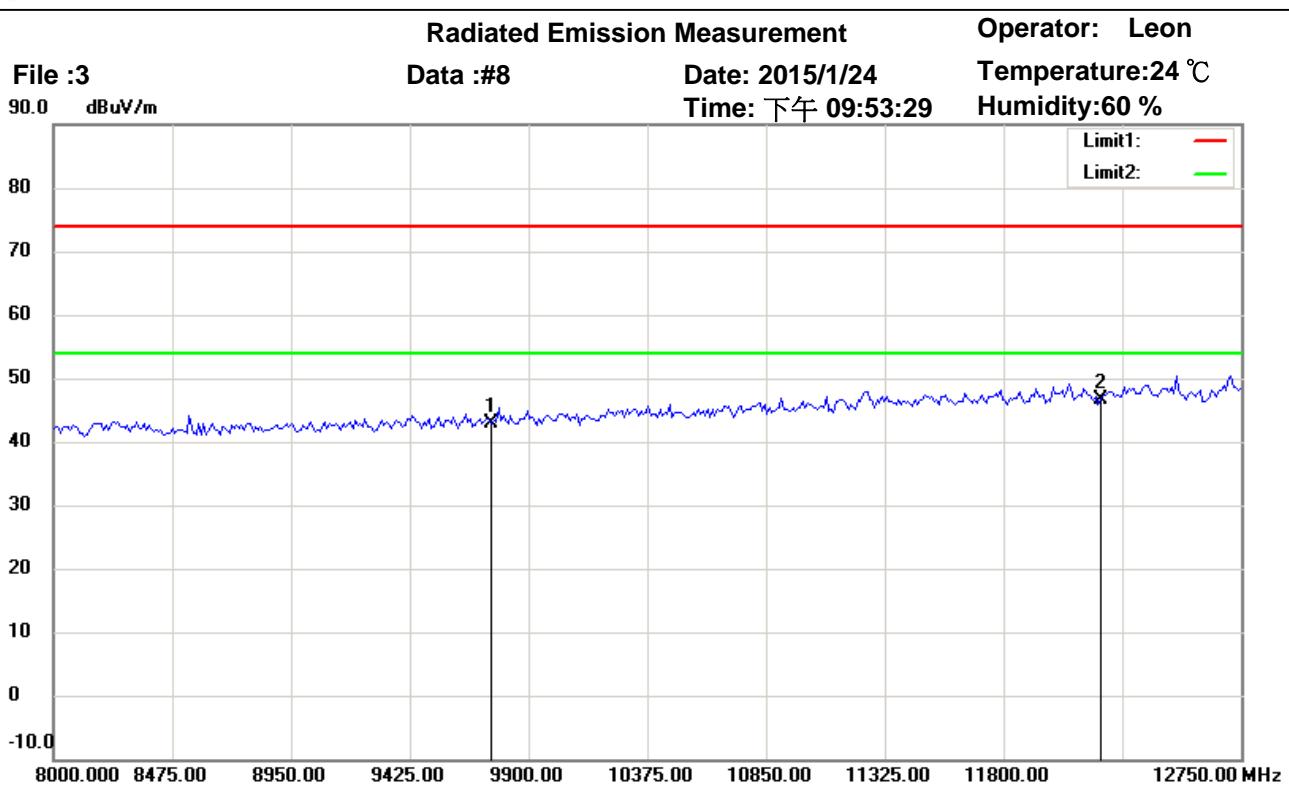
Test Mode : TX 802.11g CH6

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	34.96	peak	7.58	42.54	74.00	100	145	-31.46	
*	12185.000	33.04	peak	13.77	46.81	74.00	100	160	-27.19	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

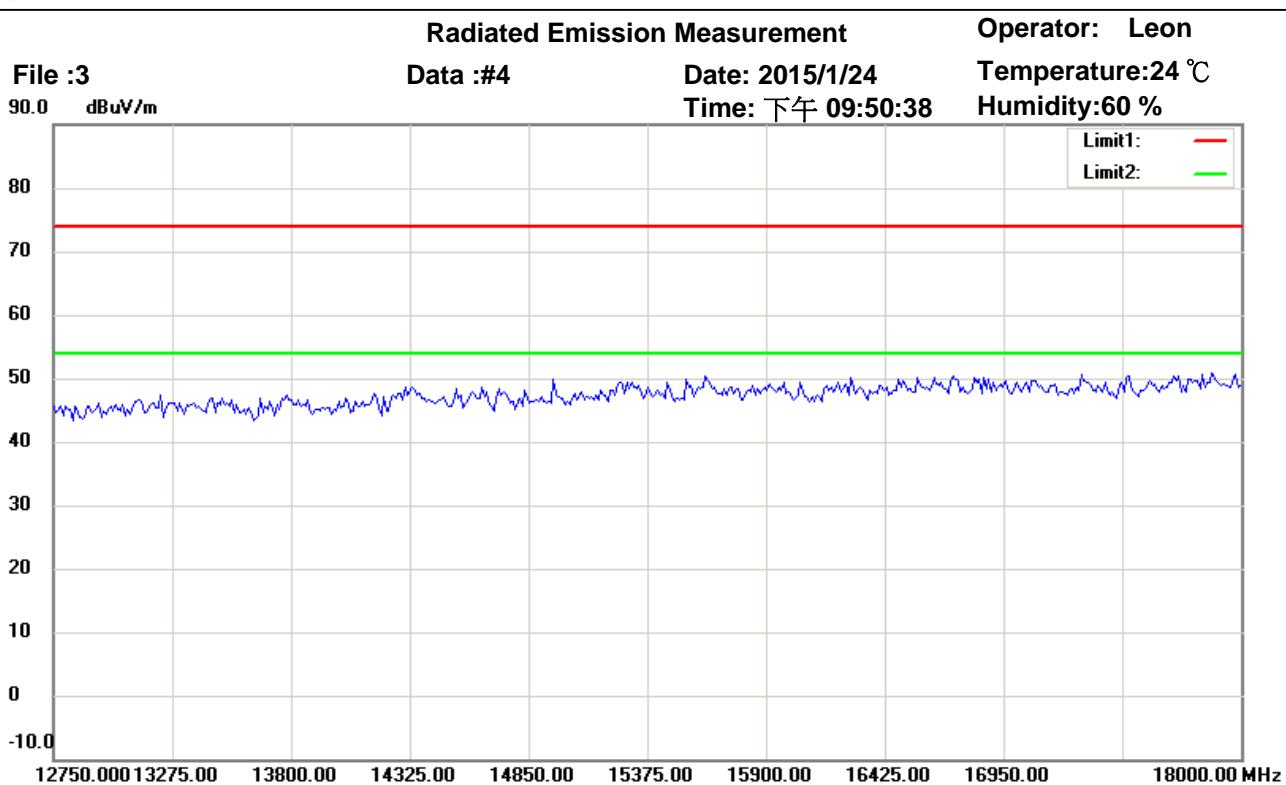
Test Mode : TX 802.11g CH6

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	35.26	peak	7.58	42.84	74.00	100	125	-31.16	
*	12185.000	32.76	peak	13.77	46.53	74.00	100	140	-27.47	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

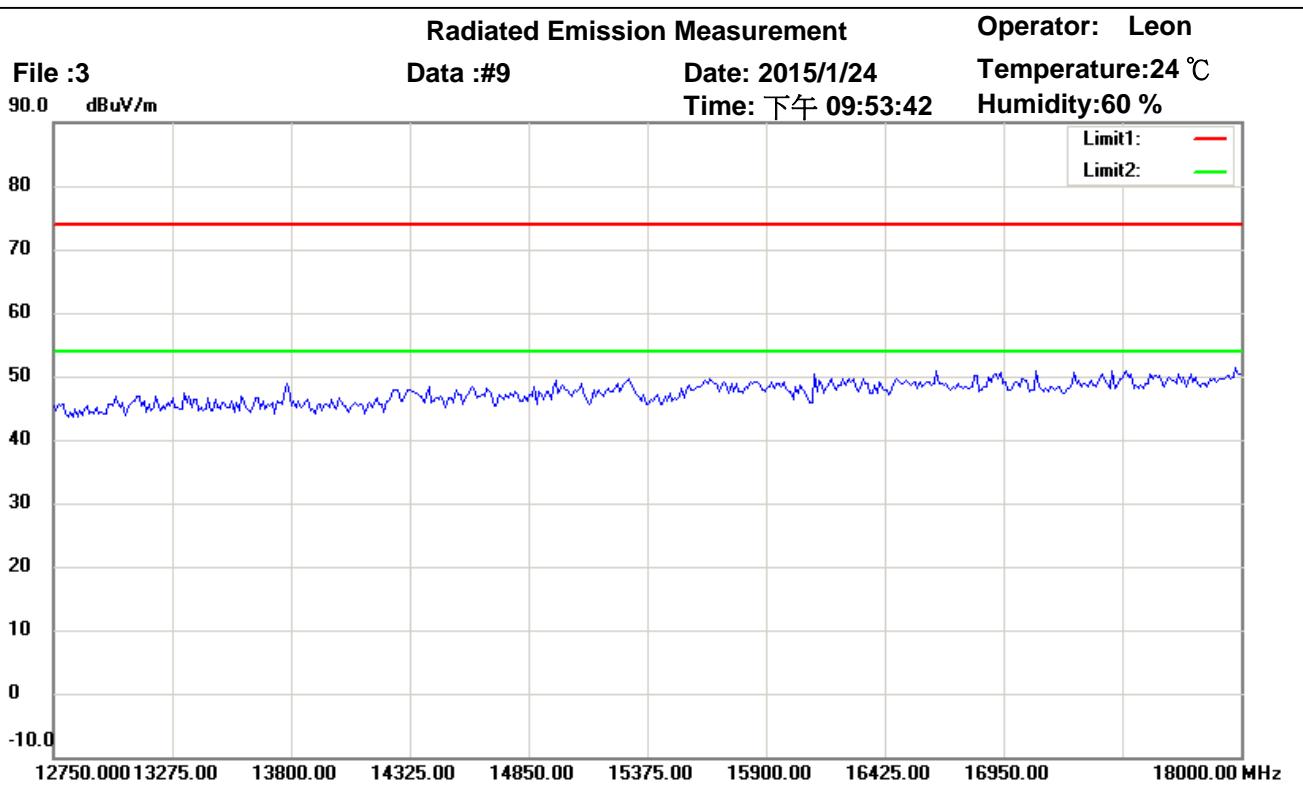
Test Mode : TX 802.11g CH6

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
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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

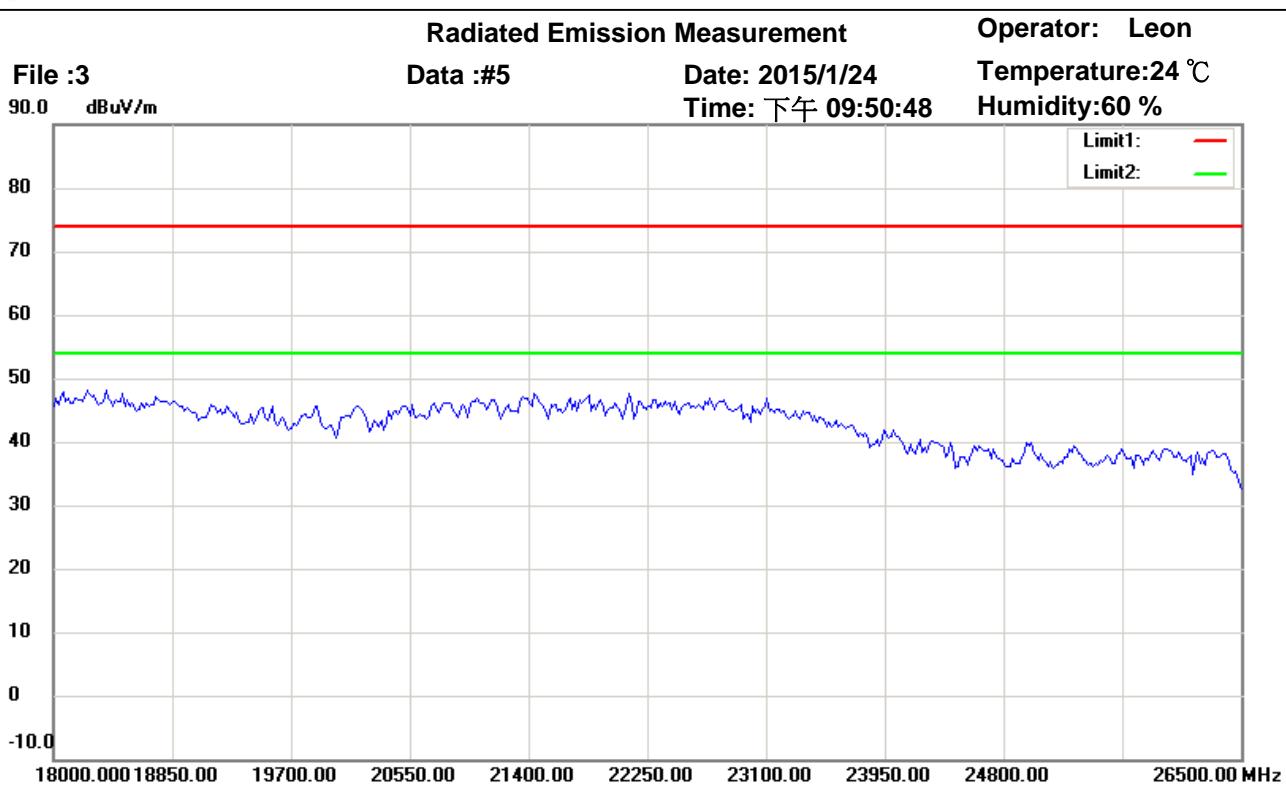
Test Mode : TX 802.11g CH6

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
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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

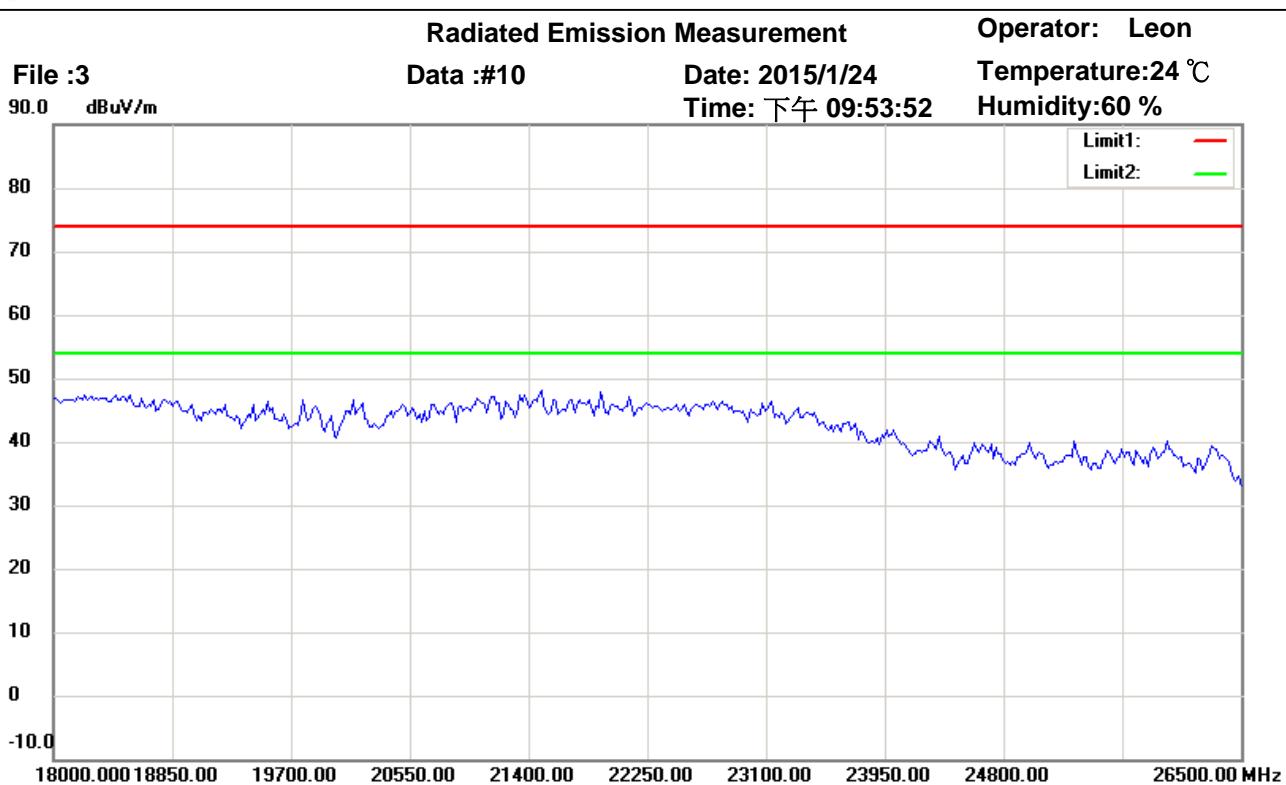
Test Mode : TX 802.11g CH6

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

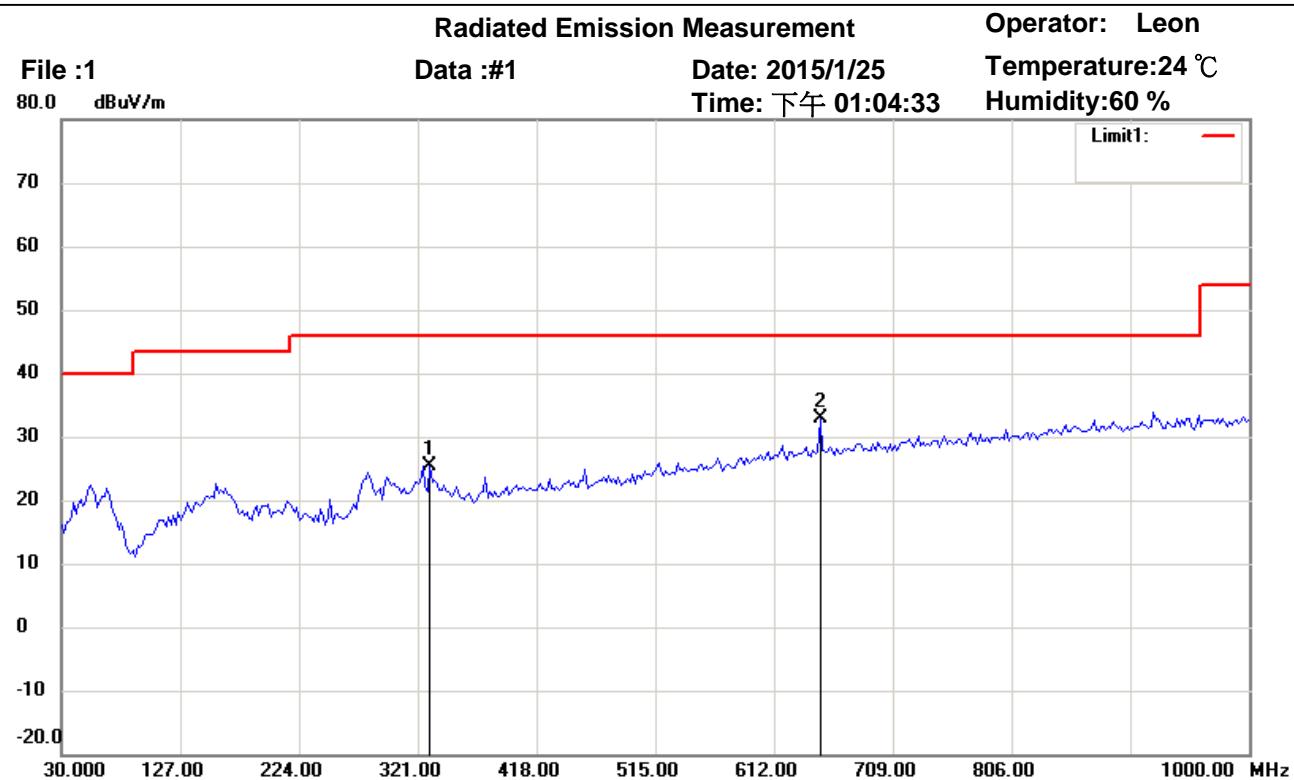
Test Mode : TX 802.11g CH6

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
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Fax:+886-2-6606-8875



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

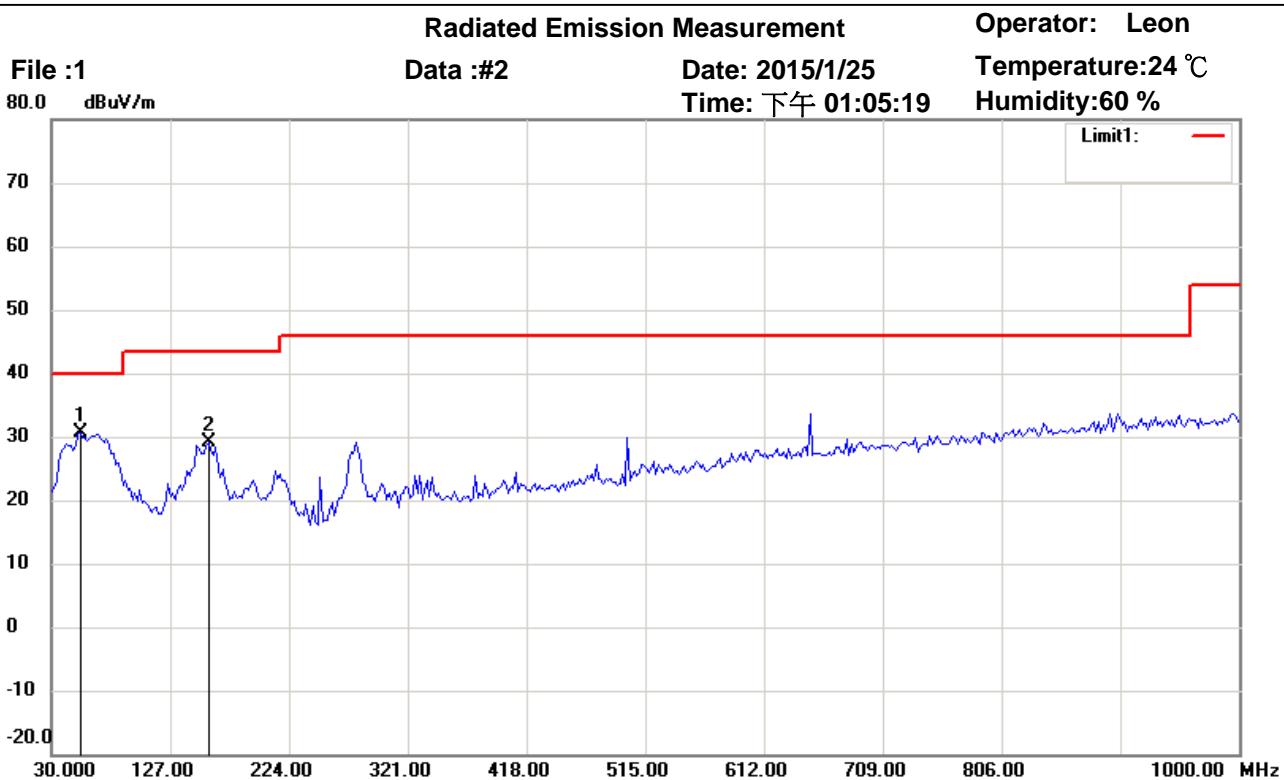
Test Mode : TX 802.11g CH11

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
	331.3025	8.54	peak	16.89	25.43	46.00	100	40	-20.57	
*	650.1001	8.31	peak	24.56	32.87	46.00	100	210	-13.13	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

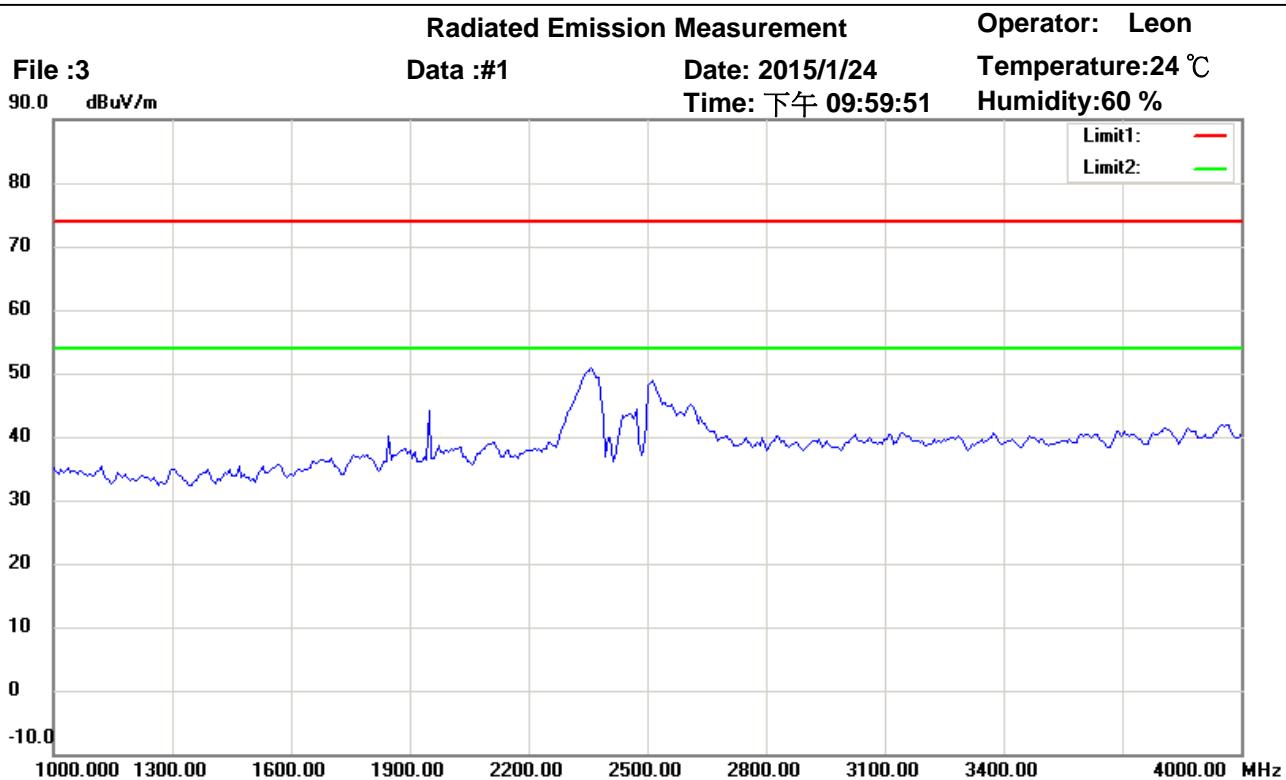
Test Mode : TX 802.11g CH11

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
*	53.3267	16.48	peak	14.12	30.60	40.00	100	35	-9.40	
	158.2966	13.59	peak	15.49	29.08	43.50	100	120	-14.42	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

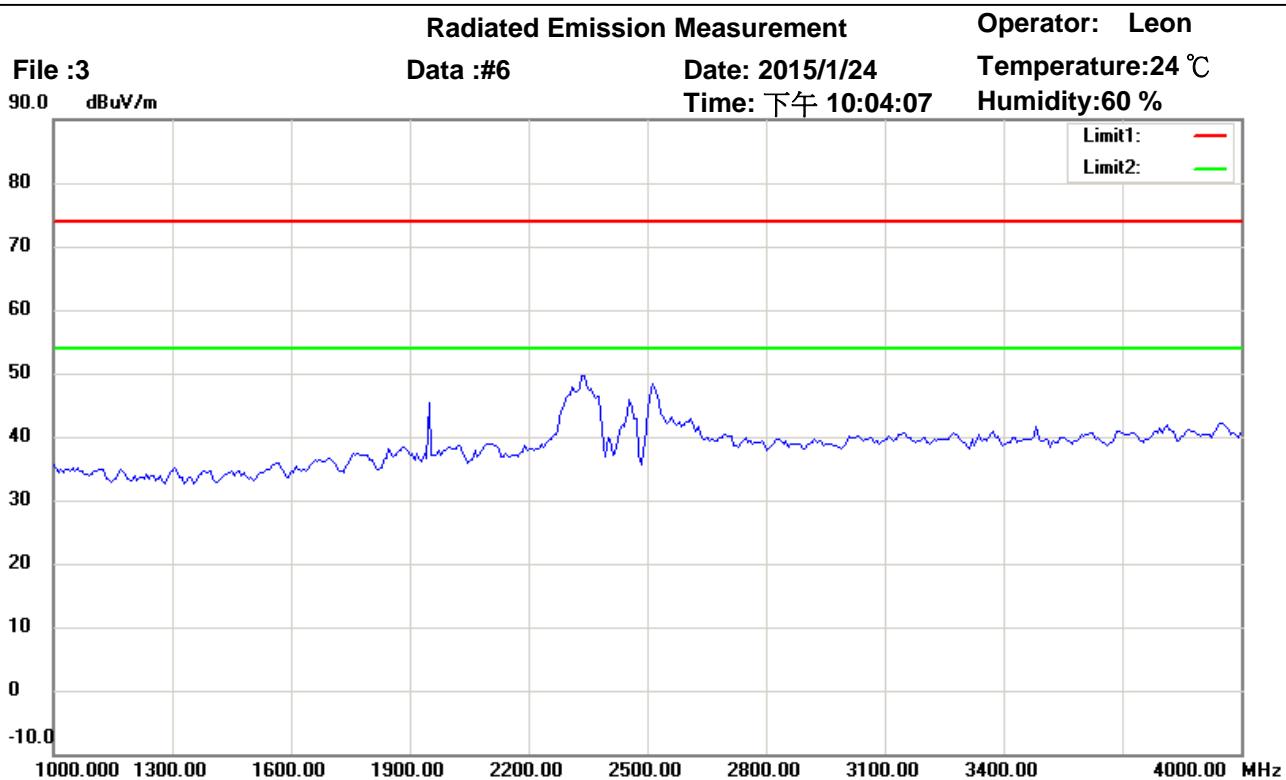
Test Mode : TX 802.11g CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

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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Tel:+886-2-6606-8877
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File :3

Radiated Emission Measurement

Operator: Leon

Data :#2

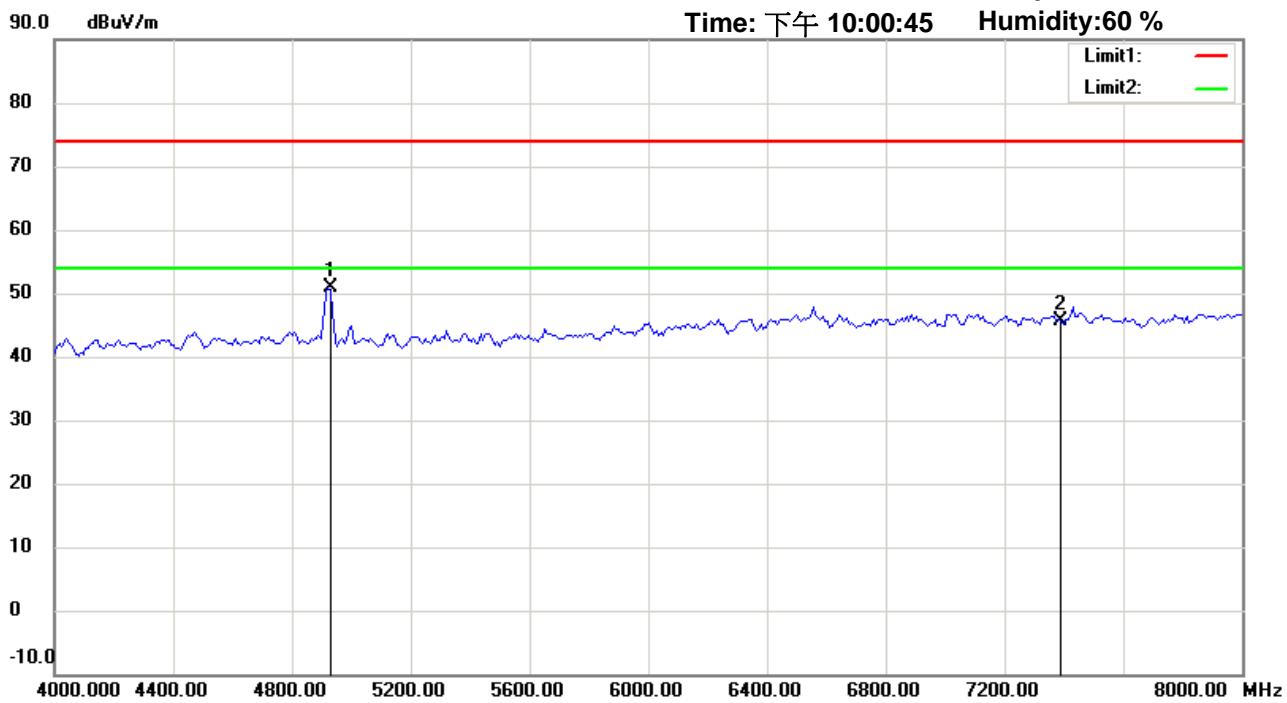
Date: 2015/1/24

Temperature:24 °C

Fax:+886-2-6606-8875

Time: 下午 10:00:45

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

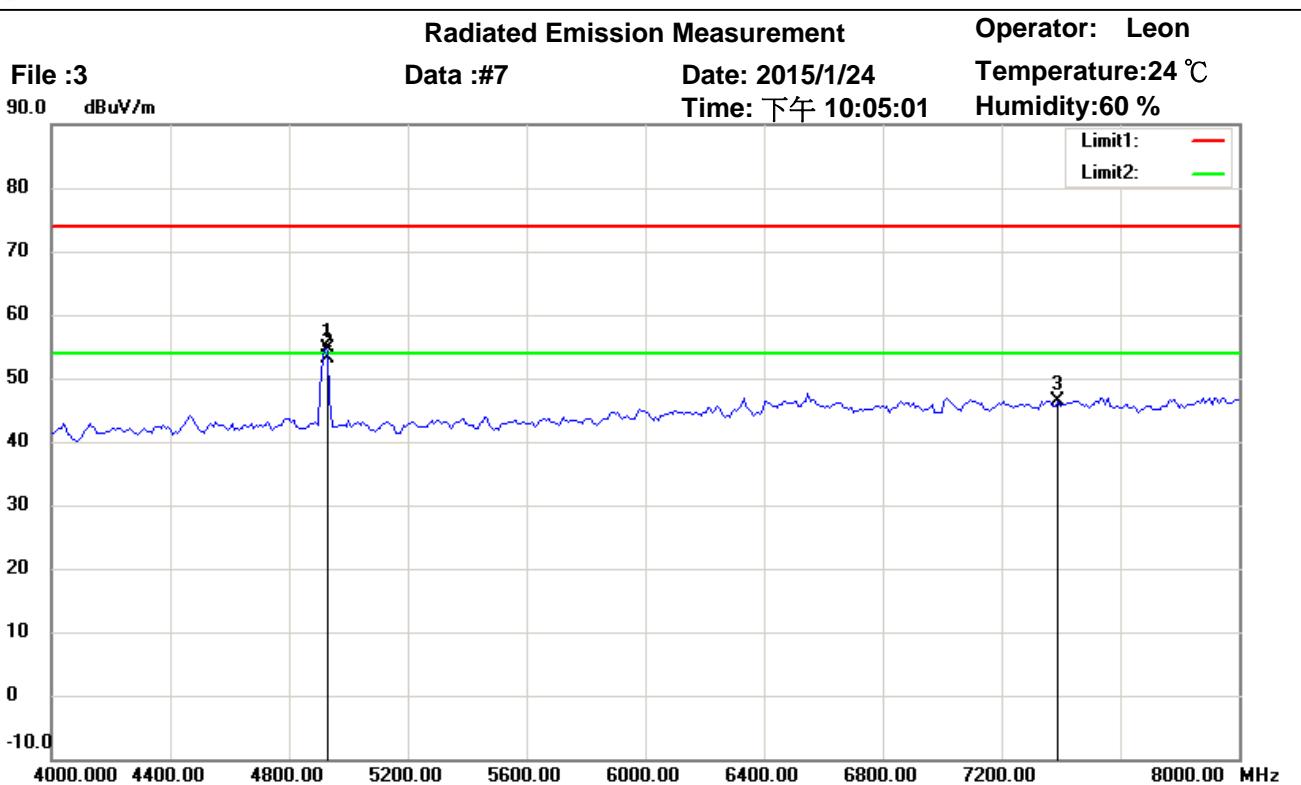
Test Mode : TX 802.11g CH11

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	50.11	peak	0.80	50.91	74.00	100	130	-23.09	
	7386.000	41.04	peak	4.71	45.75	74.00	100	145	-28.25	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

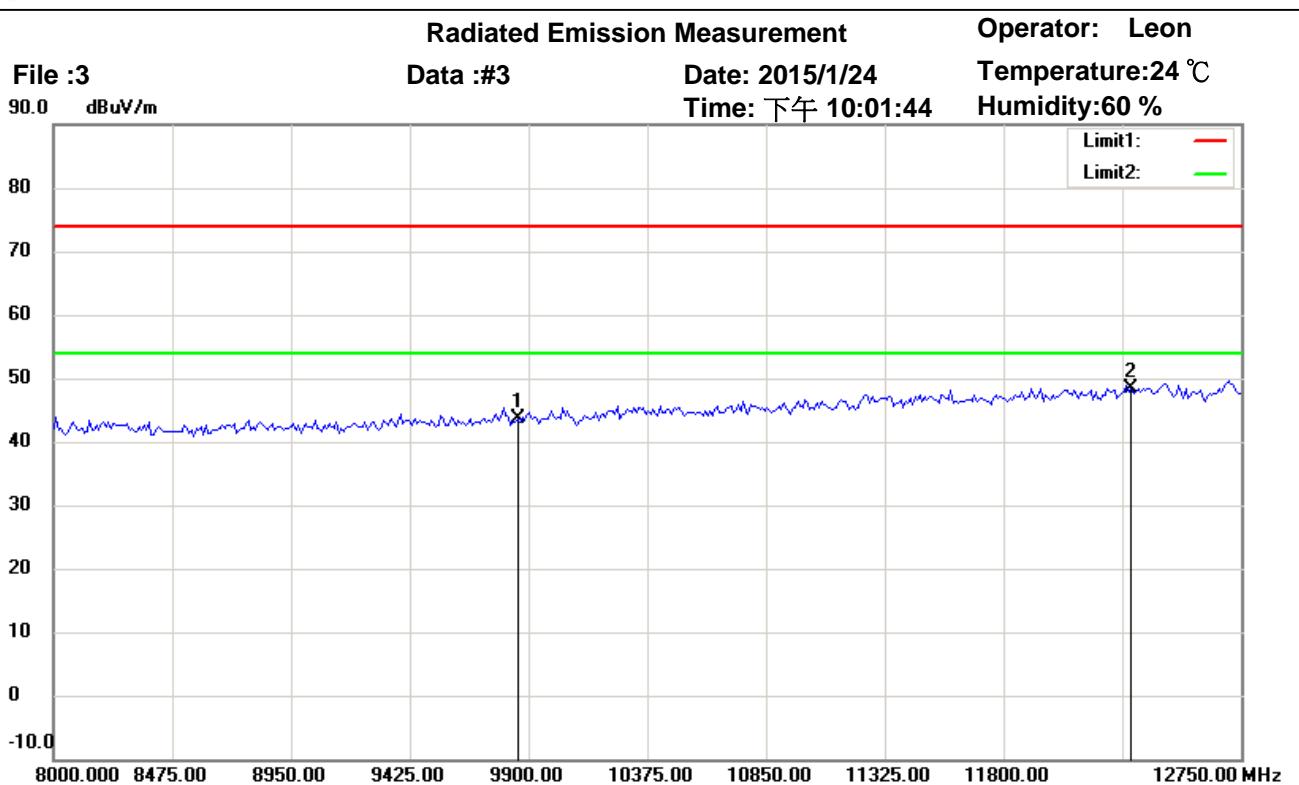
Test Mode : TX 802.11g CH11

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	53.93	peak	0.80	54.73	74.00	100	155	-19.27	
*	4921.844	52.39	AVG	0.80	53.19	54.00	100	155	-0.81	
	7386.000	41.57	peak	4.71	46.28	74.00	100	90	-27.72	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

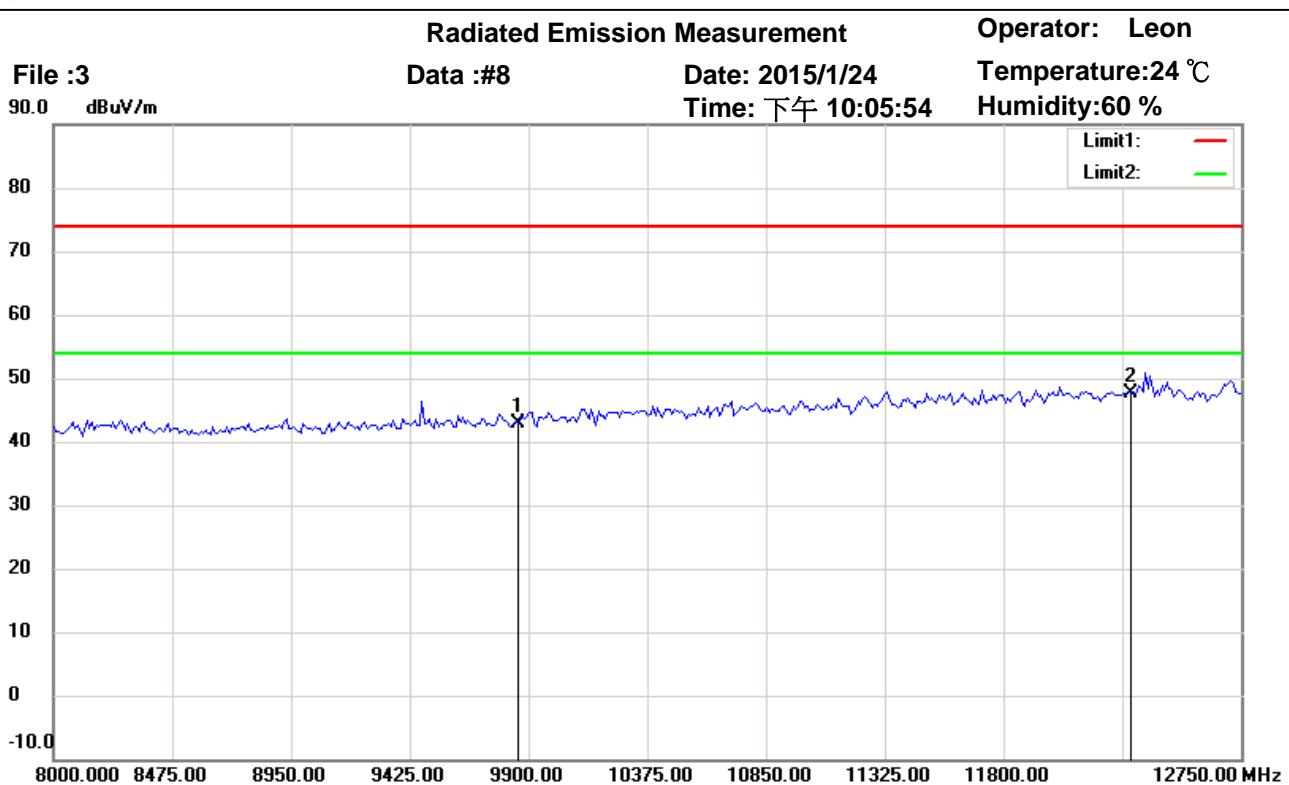
Test Mode : TX 802.11g CH11

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	35.56	peak	7.96	43.52	74.00	100	175	-30.48	
*	12310.000	34.74	peak	13.60	48.34	74.00	100	110	-25.66	



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



Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

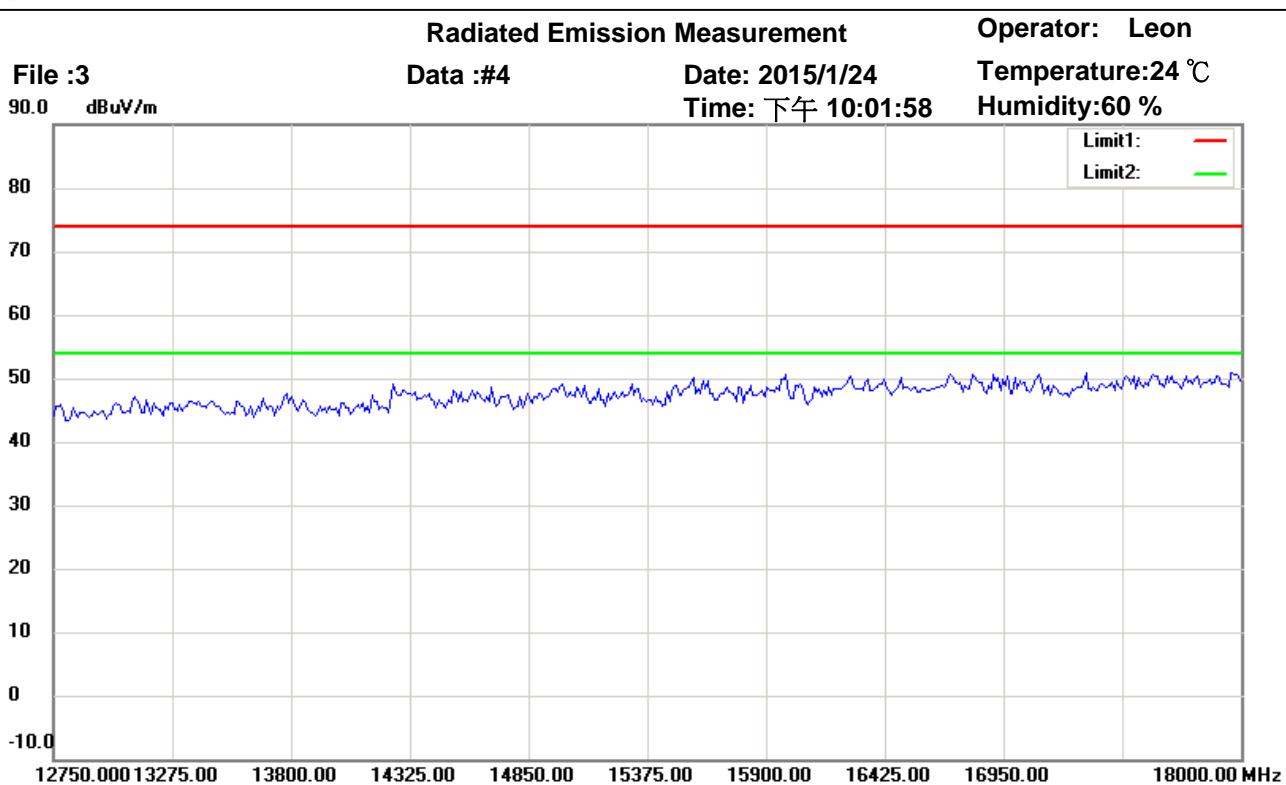
Test Mode : TX 802.11g CH11

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	34.88	peak	7.96	42.84	74.00	100	160	-31.16	
*	12310.000	34.09	peak	13.60	47.69	74.00	100	145	-26.31	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

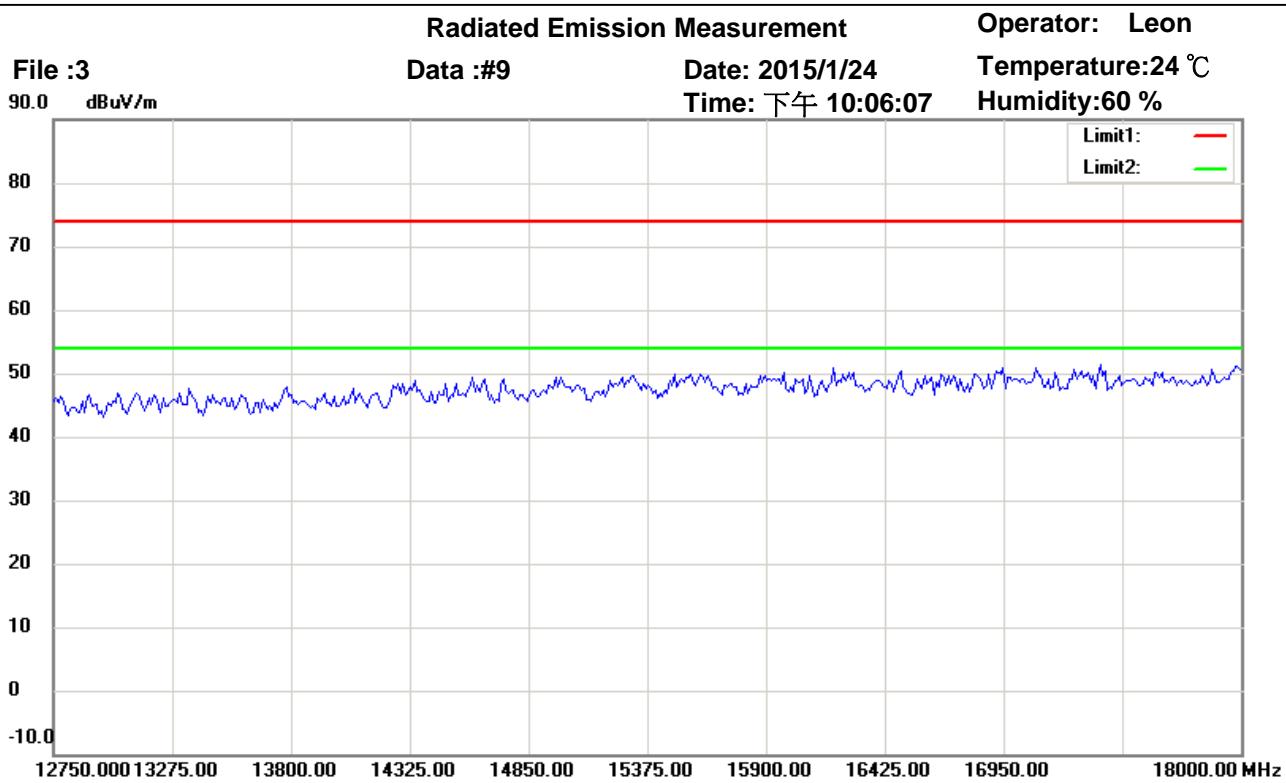
Test Mode : TX 802.11g CH11

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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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

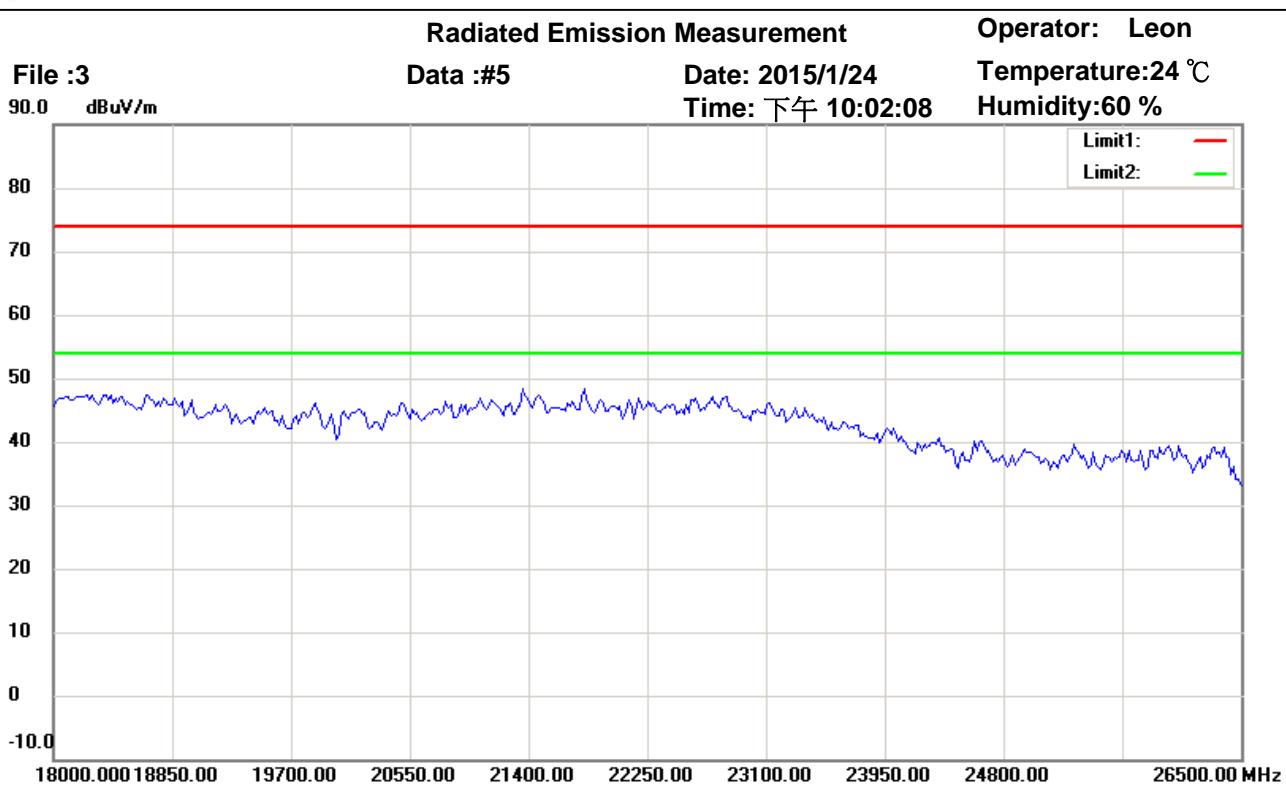
Test Mode : TX 802.11g CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

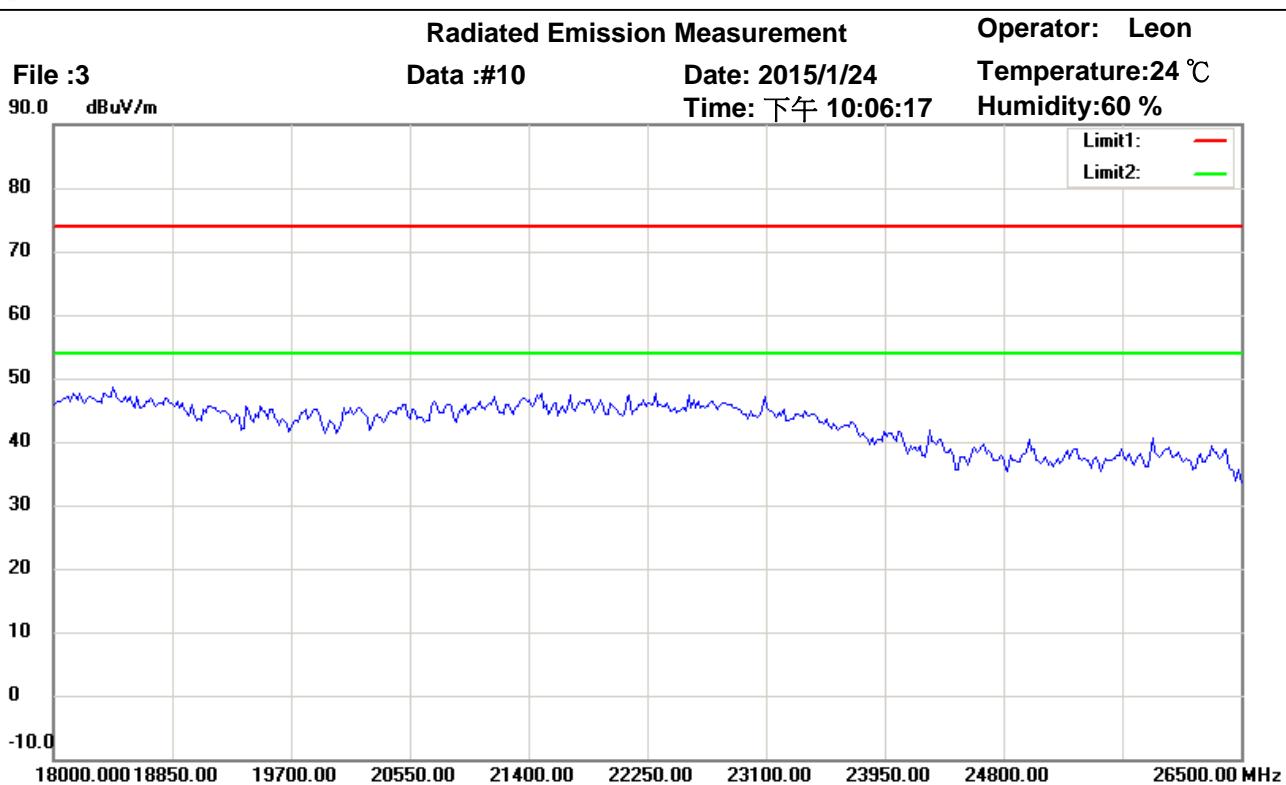
Test Mode : TX 802.11g CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

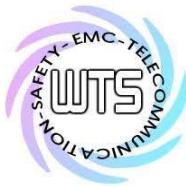
M/N:

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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Worldwide Testing Services(Taiwan) Co., Ltd.

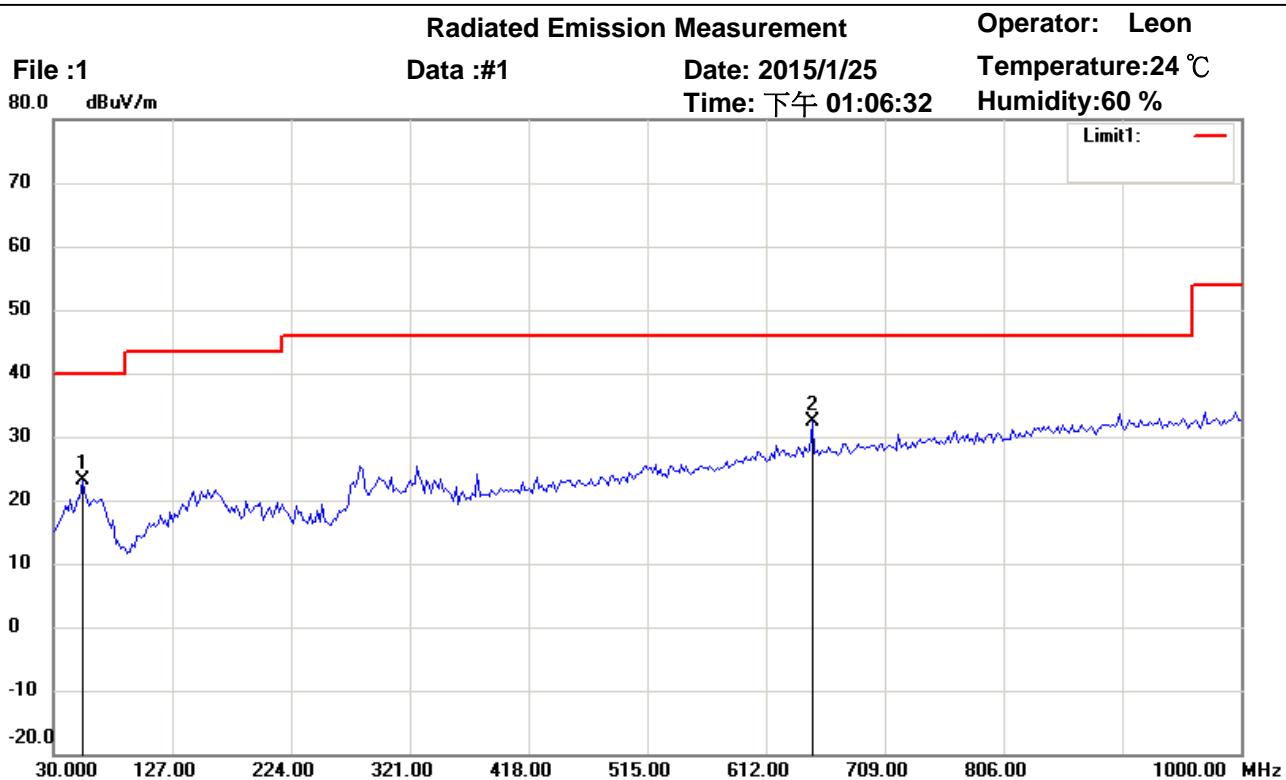
Registration number: W6M21411-14659-C-1

FCC ID: ZTT-REC33A

ANT0 + ANT1 + ANT2



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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

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
	53.3267	9.04	peak	14.12	23.16	40.00	100	135	-16.84	
*	650.1001	7.74	peak	24.56	32.30	46.00	100	110	-13.70	



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

Operator: Leon

File :1

Data :#2

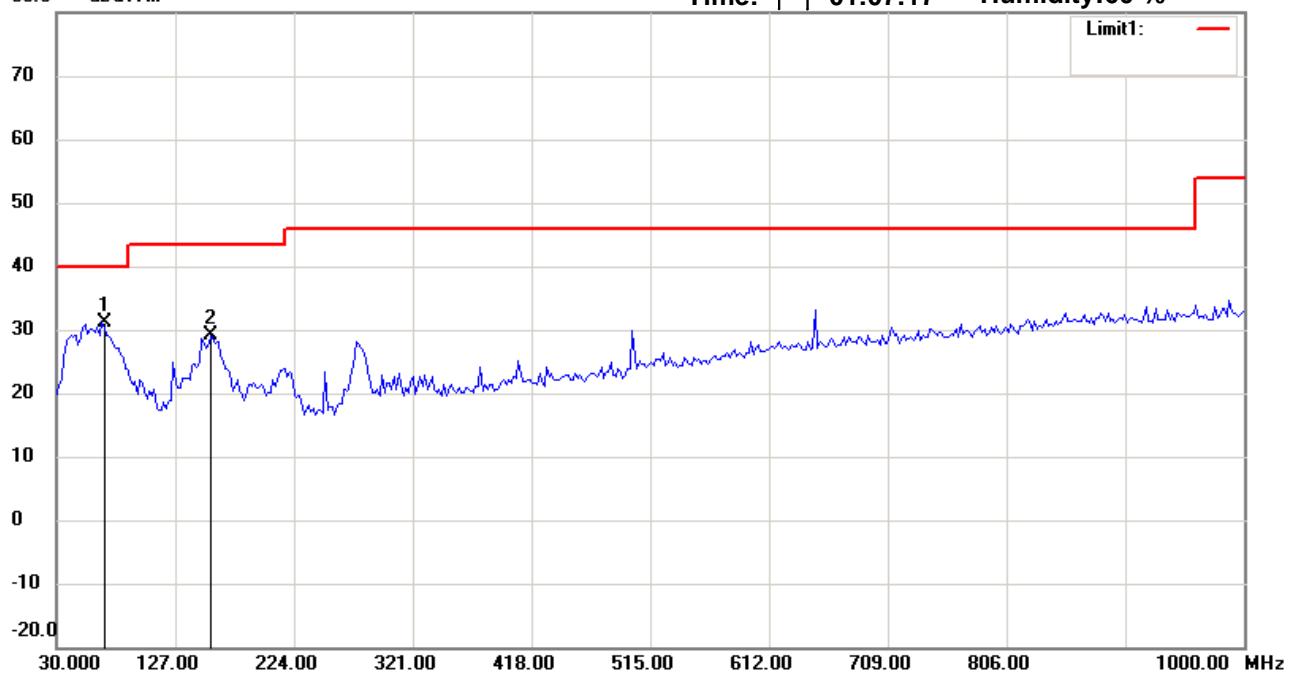
Date: 2015/1/25

Temperature:24 °C

80.0 dBuV/m

Time: 下午 01:07:17

Humidity:60 %



Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

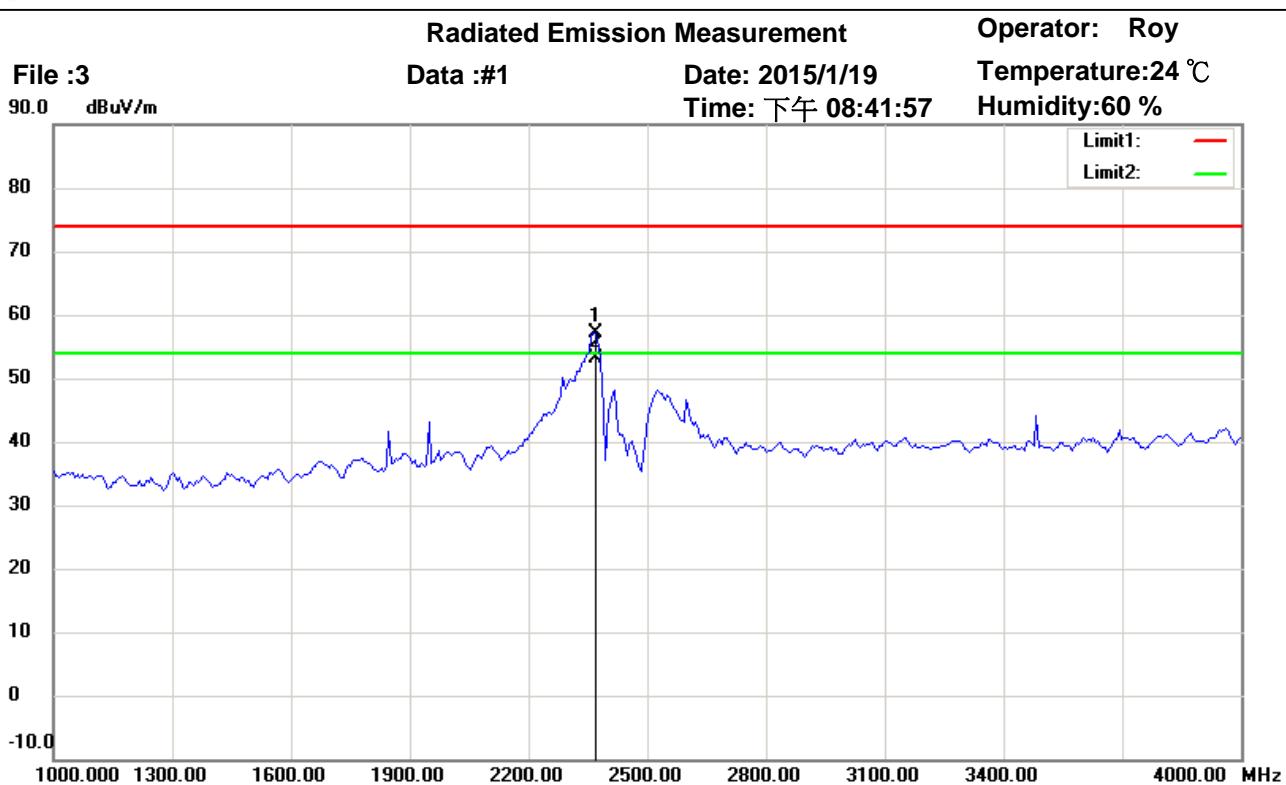
Test Mode : TX 802.11n 20M CH1

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
*	66.9340	18.80	peak	12.28	31.08	40.00	100	85	-8.92	
	156.3527	13.68	peak	15.49	29.17	43.50	100	110	-14.33	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

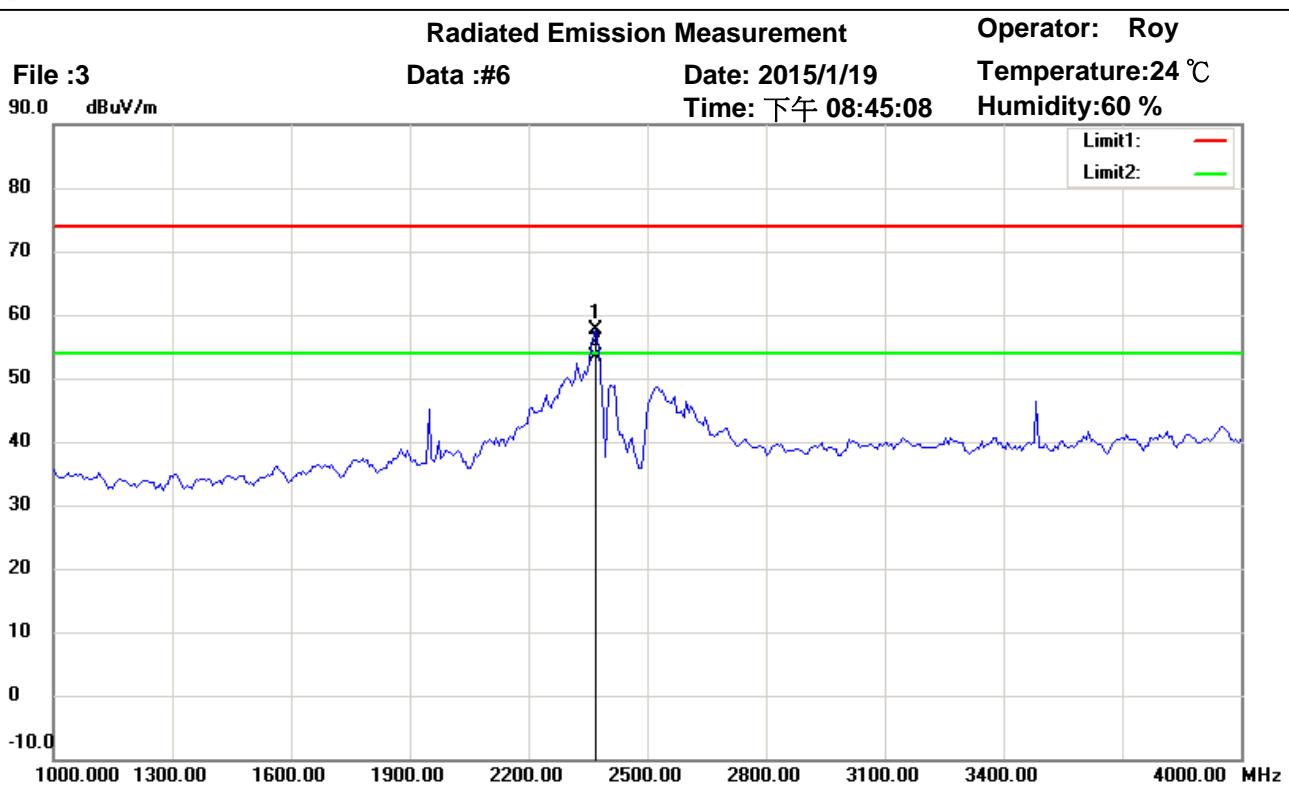
Test Mode : TX 802.11n 20M CH1

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
	2366.736	62.11	peak	-4.87	57.24	74.00	100	175	-16.76	
*	2366.736	57.89	AVG	-4.87	53.02	54.00	100	175	-0.98	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

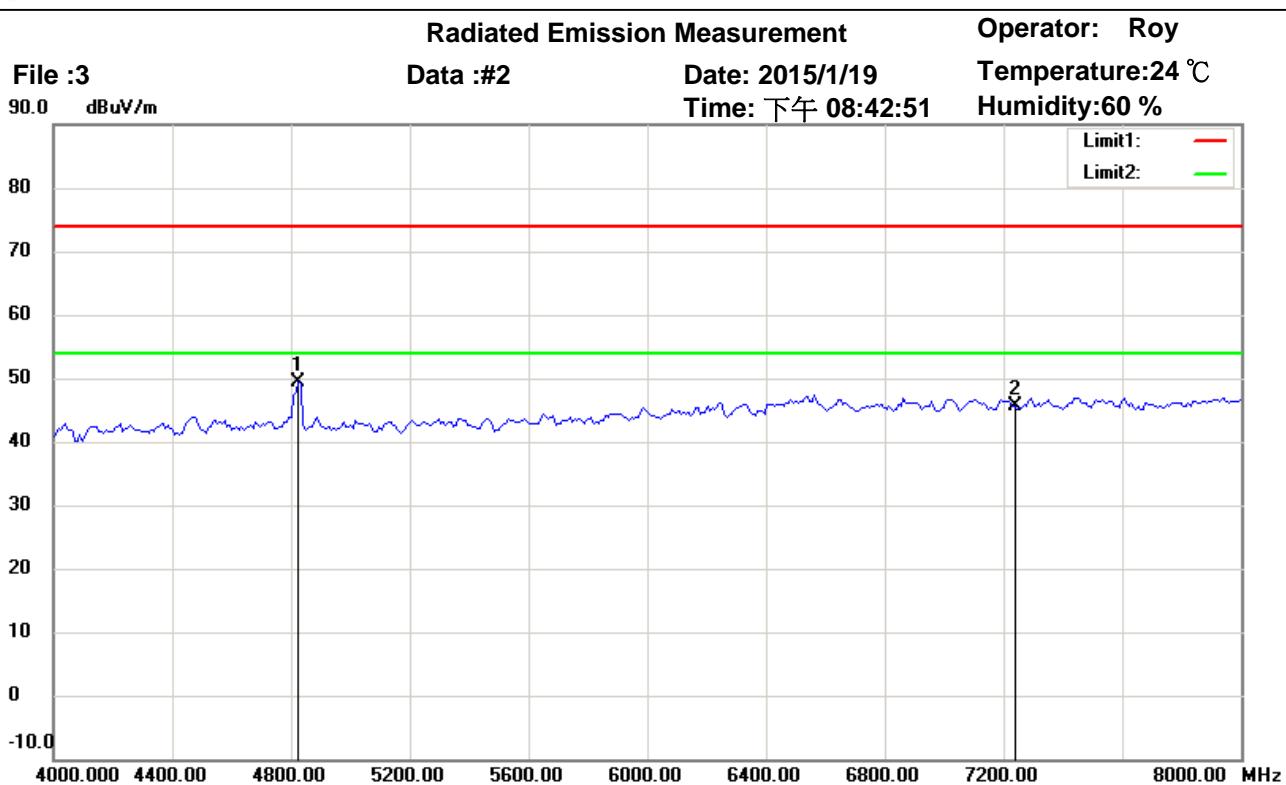
Test Mode : TX 802.11n 20M CH1

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
	2365.598	62.56	peak	-4.87	57.69	74.00	100	225	-16.31	
*	2365.598	58.22	AVG	-4.87	53.35	54.00	100	225	-0.65	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

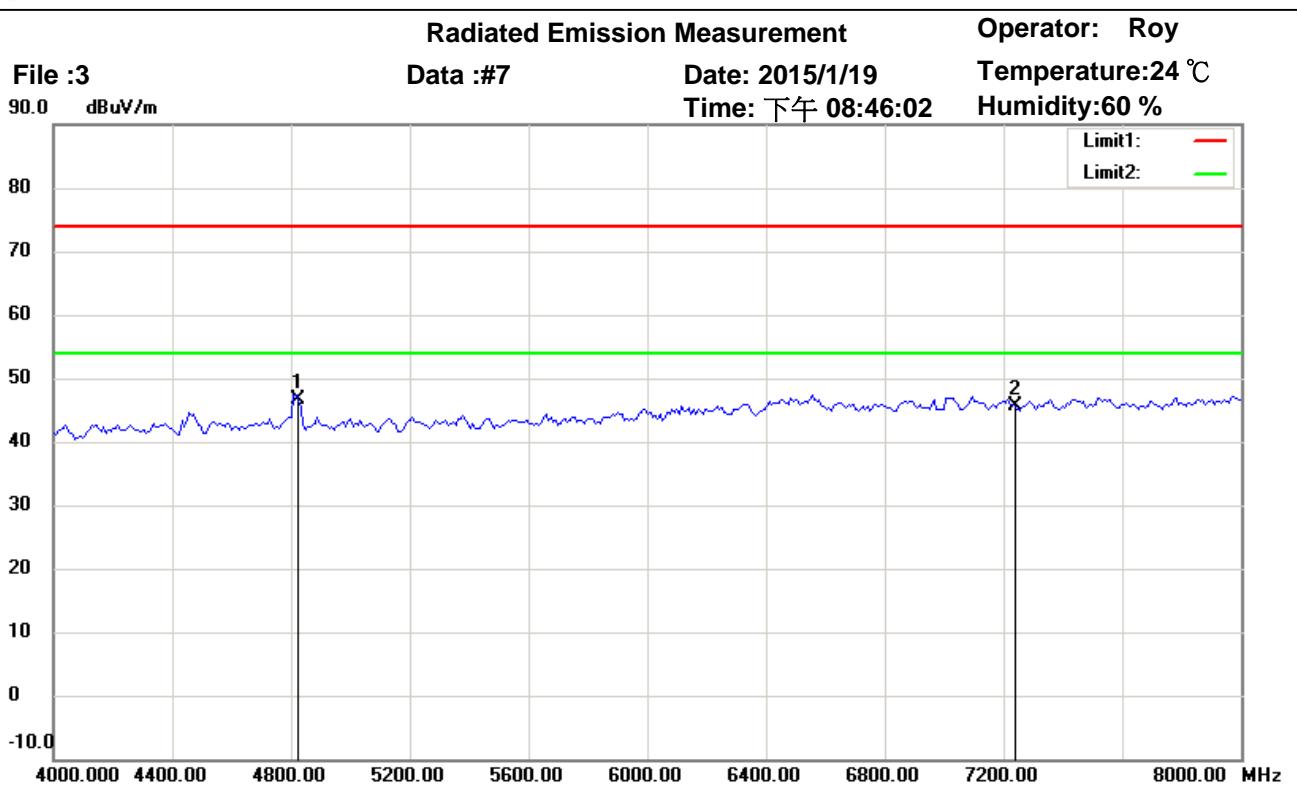
Test Mode : TX 802.11n 20M CH1

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	48.71	peak	0.68	49.39	74.00	100	220	-24.61	
	7236.000	41.27	peak	4.30	45.57	74.00	100	190	-28.43	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

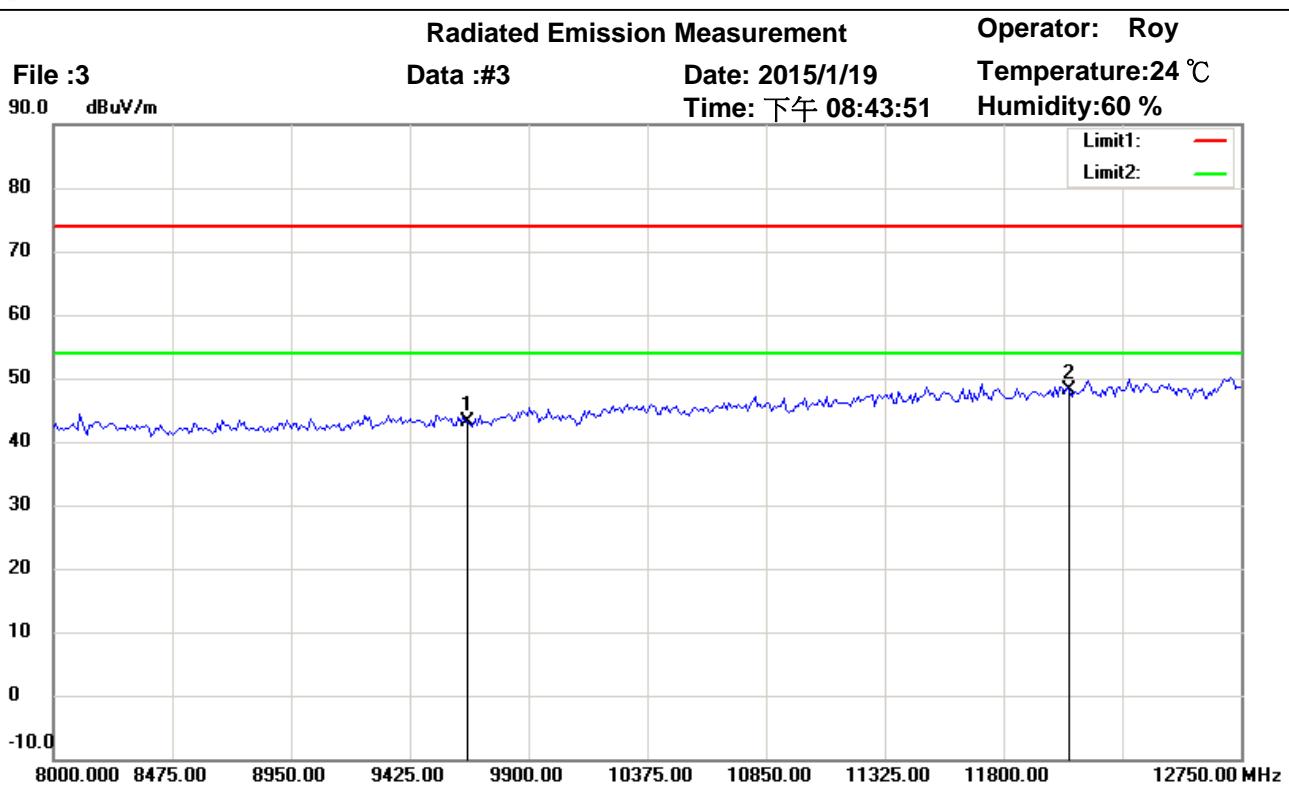
Test Mode : TX 802.11n 20M CH1

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	45.86	peak	0.68	46.54	74.00	100	120	-27.46	
	7236.000	41.22	peak	4.30	45.52	74.00	100	70	-28.48	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

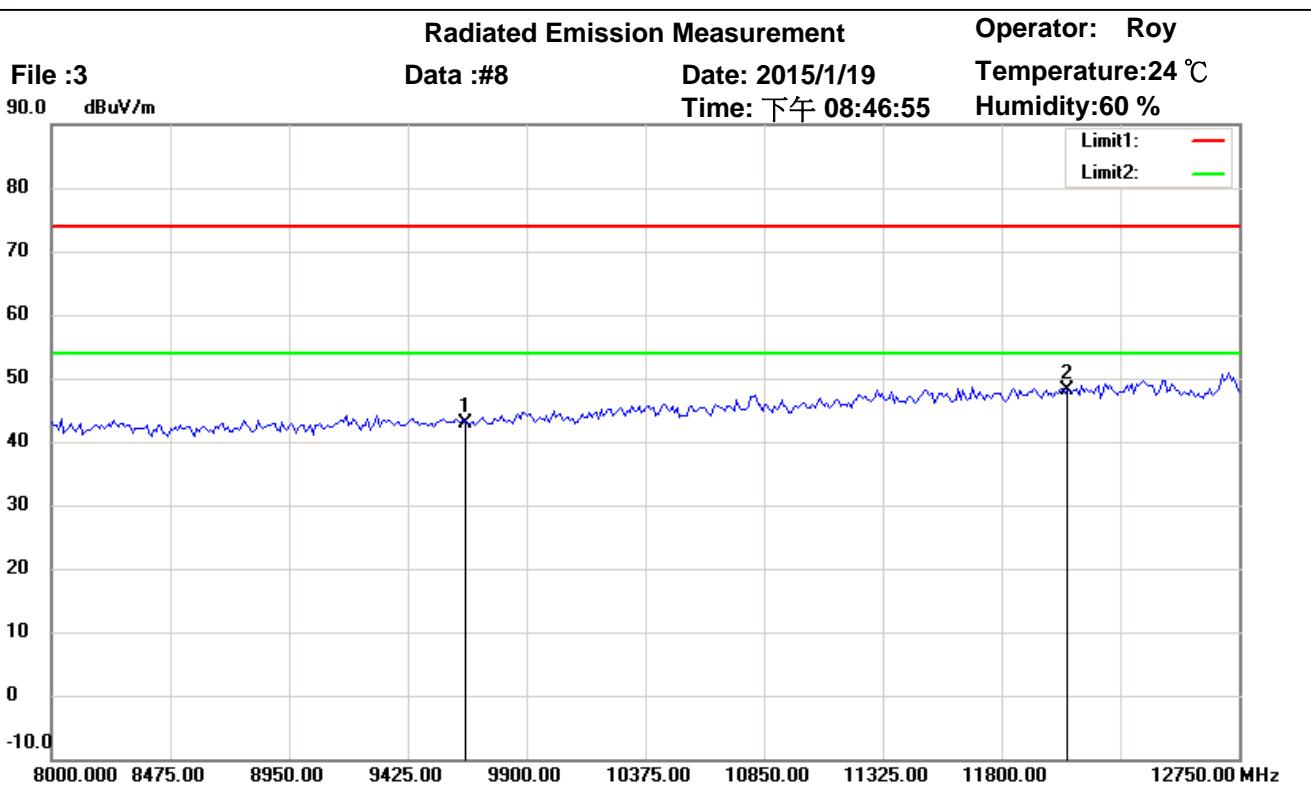
Test Mode : TX 802.11n 20M CH1

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	35.69	peak	7.46	43.15	74.00	100	55	-30.85	
*	12060.000	35.02	peak	13.20	48.22	74.00	100	325	-25.78	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

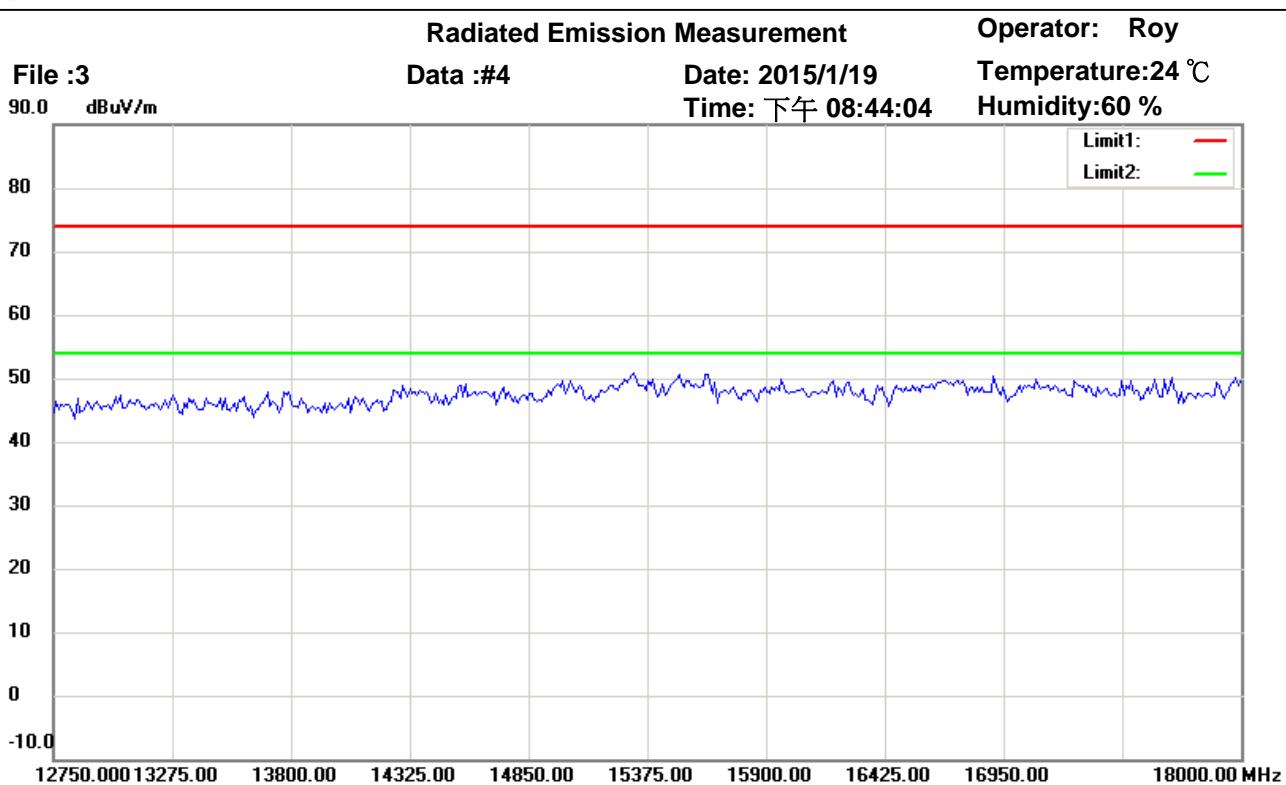
Test Mode : TX 802.11n 20M CH1

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	35.53	peak	7.46	42.99	74.00	100	330	-31.01	
*	12060.000	35.00	peak	13.20	48.20	74.00	100	265	-25.80	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

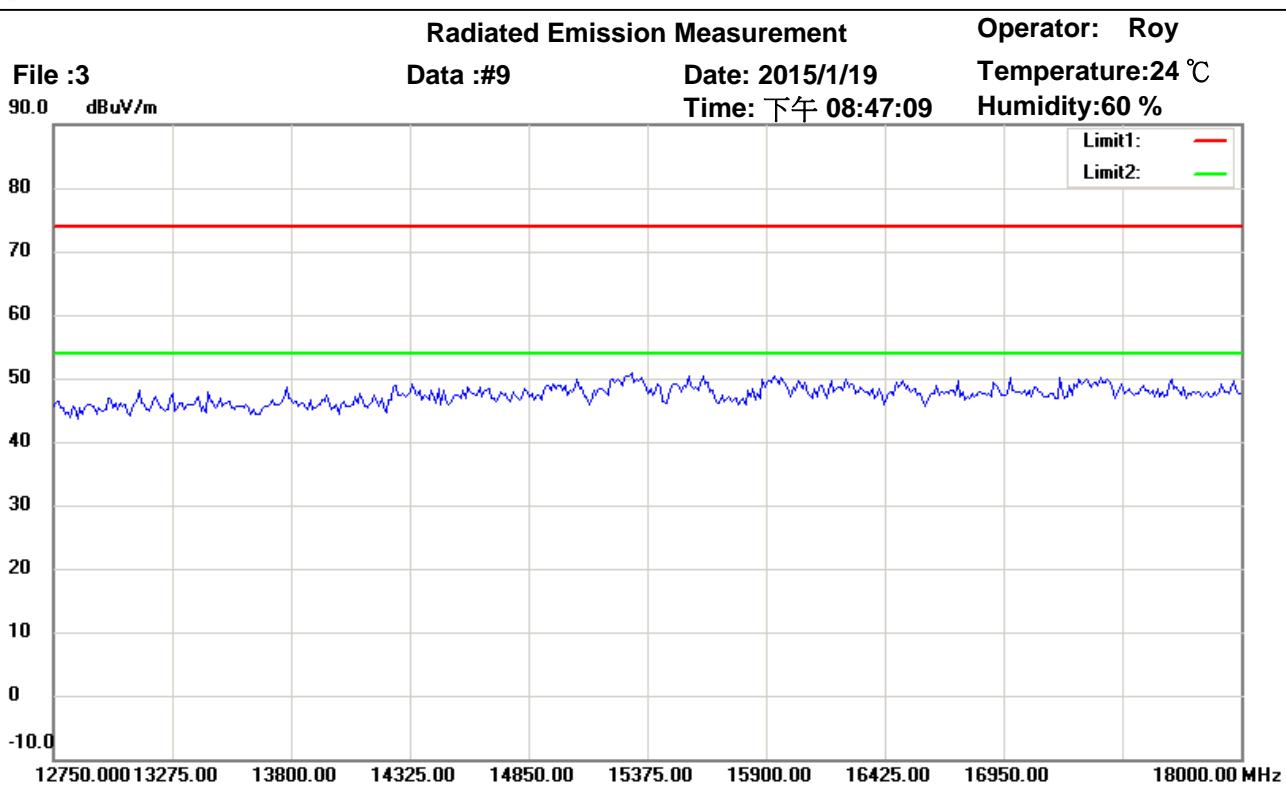
Test Mode : TX 802.11n 20M CH1

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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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

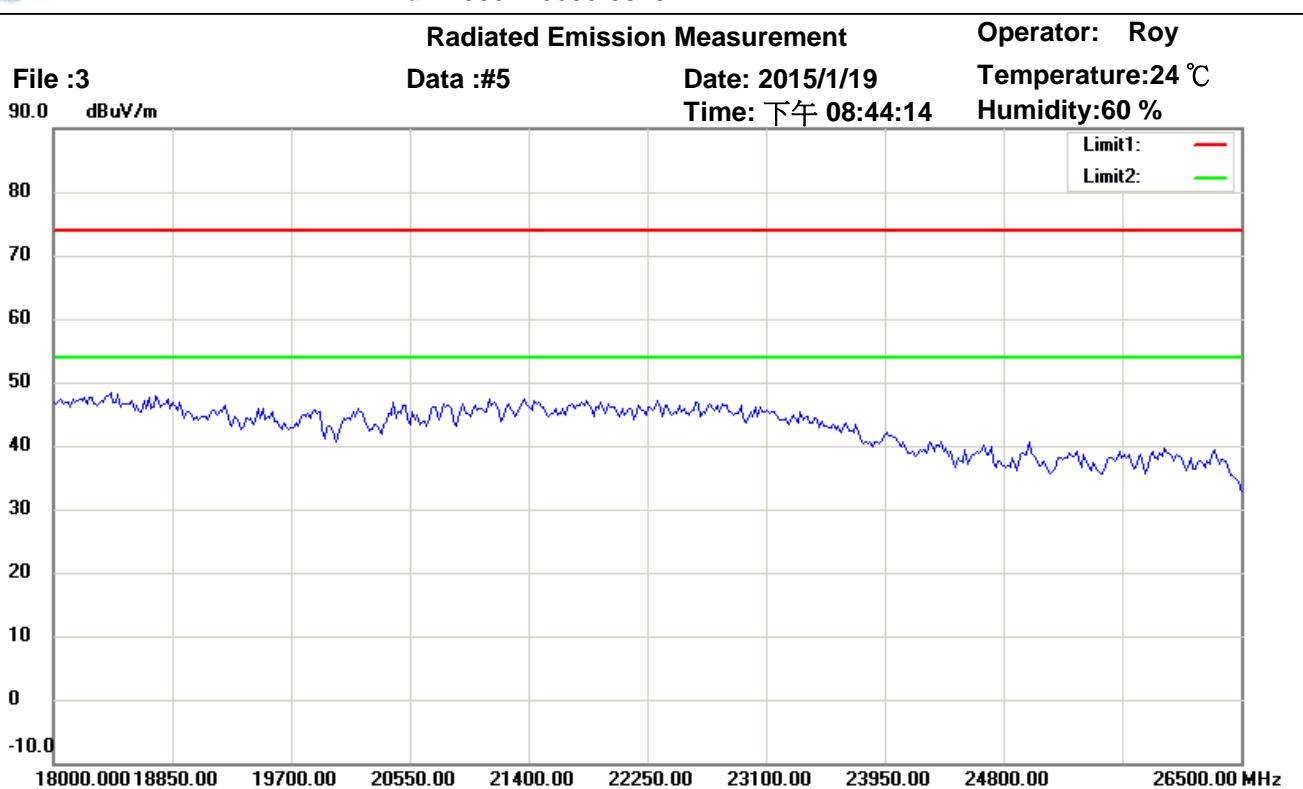
Test Mode : TX 802.11n 20M CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

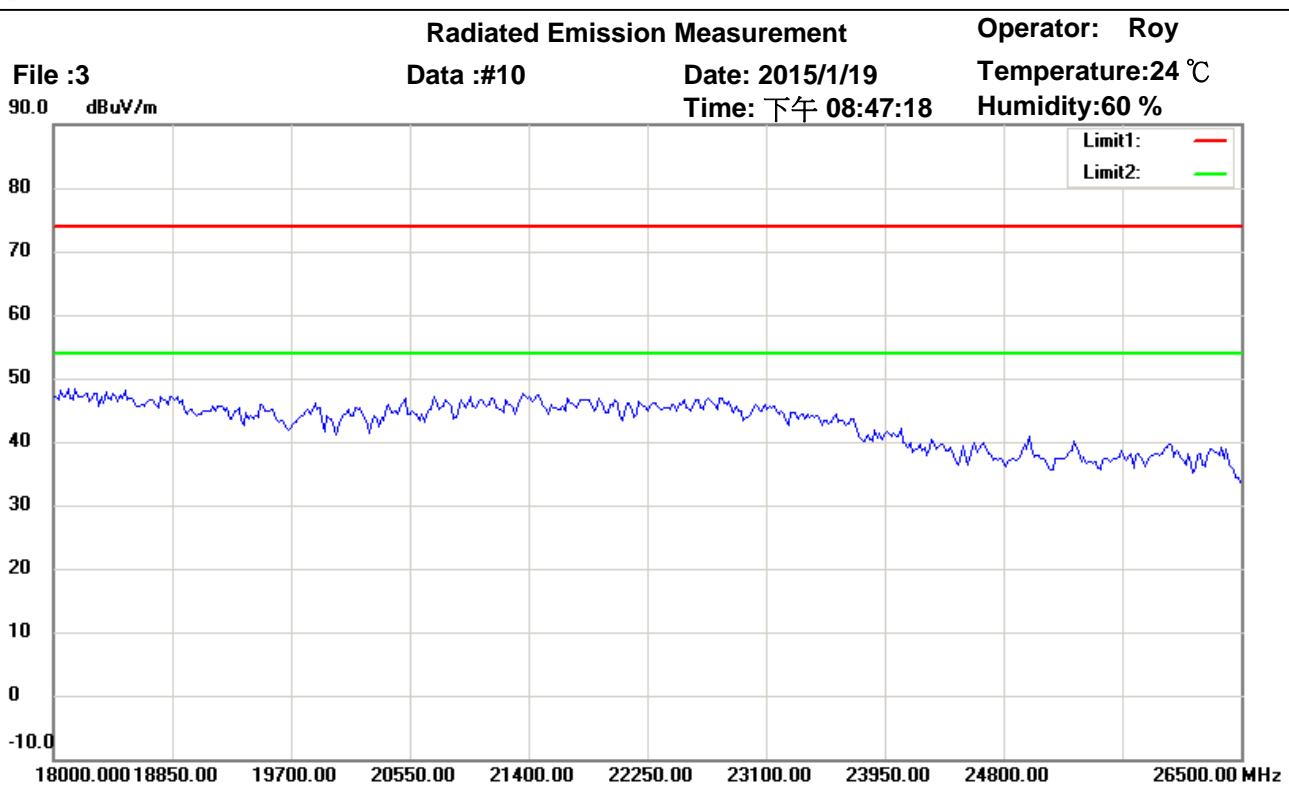
Test Mode : TX 802.11n 20M CH1

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

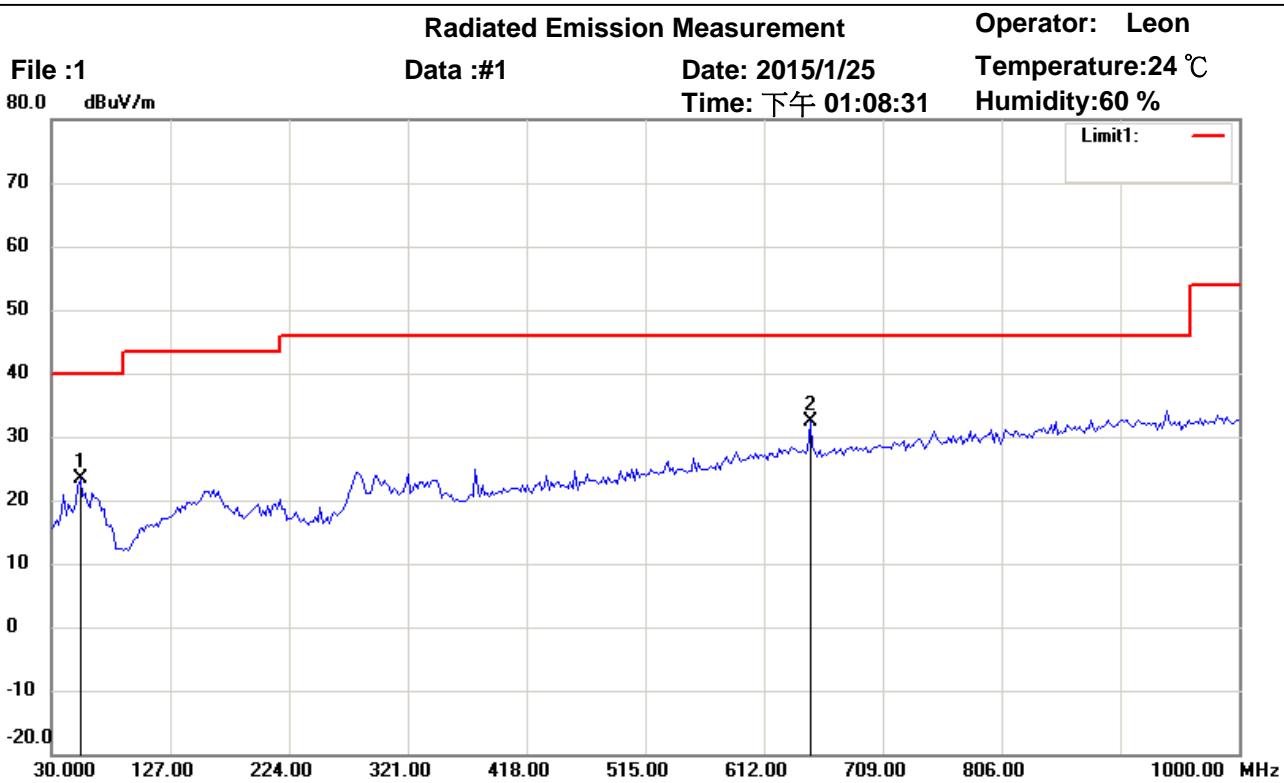
Test Mode : TX 802.11n 20M CH1

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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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

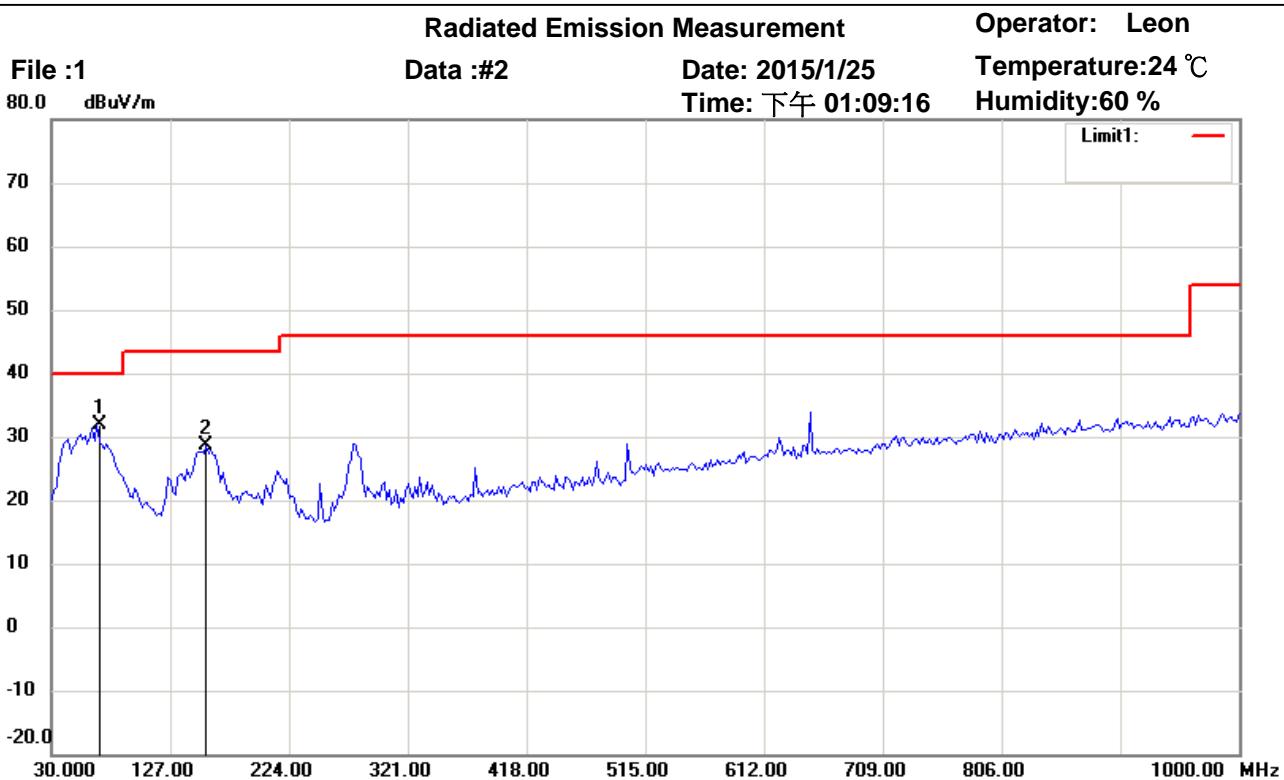
Test Mode : TX 802.11n 20M CH6

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
	53.3267	9.16	peak	14.12	23.28	40.00	100	95	-16.72	
*	650.1001	7.82	peak	24.56	32.38	46.00	100	145	-13.62	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

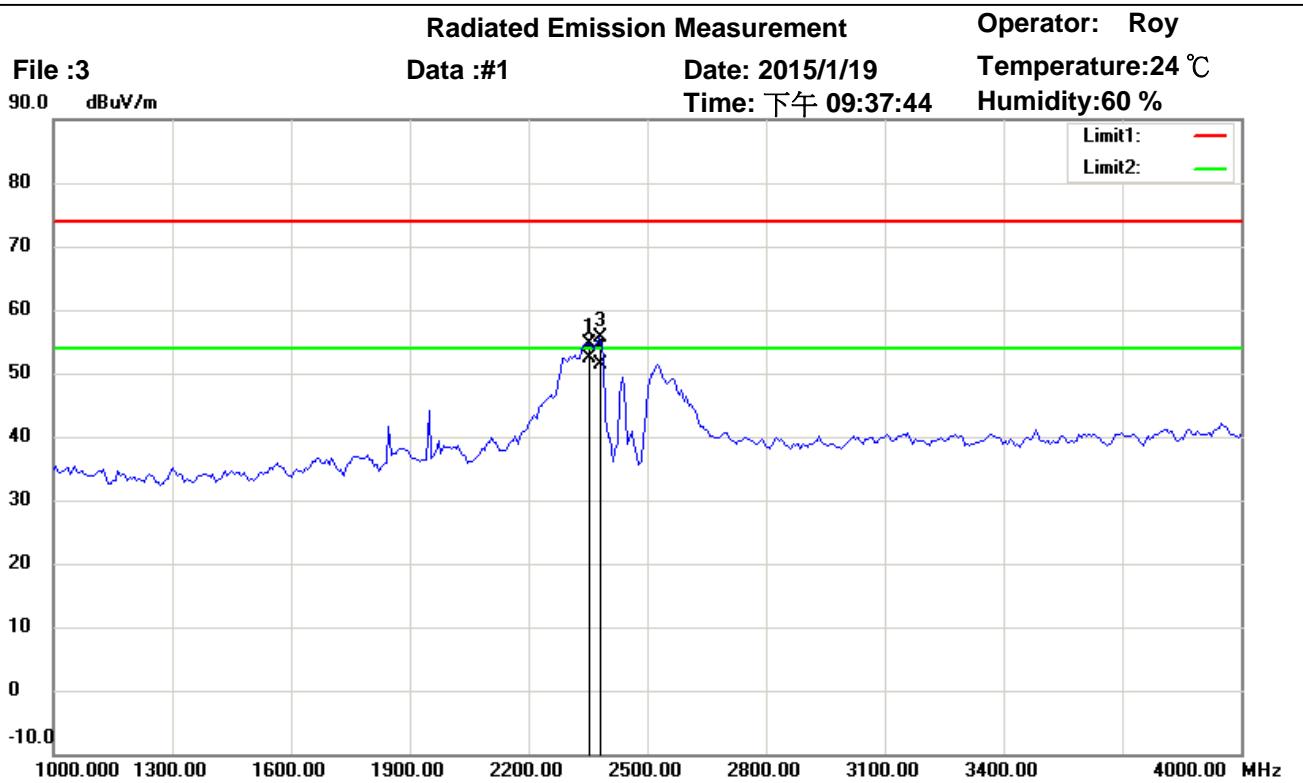
Test Mode : TX 802.11n 20M CH6

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
*	66.9340	19.70	peak	12.28	31.98	40.00	100	95	-8.02	
	156.3527	13.12	peak	15.49	28.61	43.50	100	130	-14.89	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M CH6

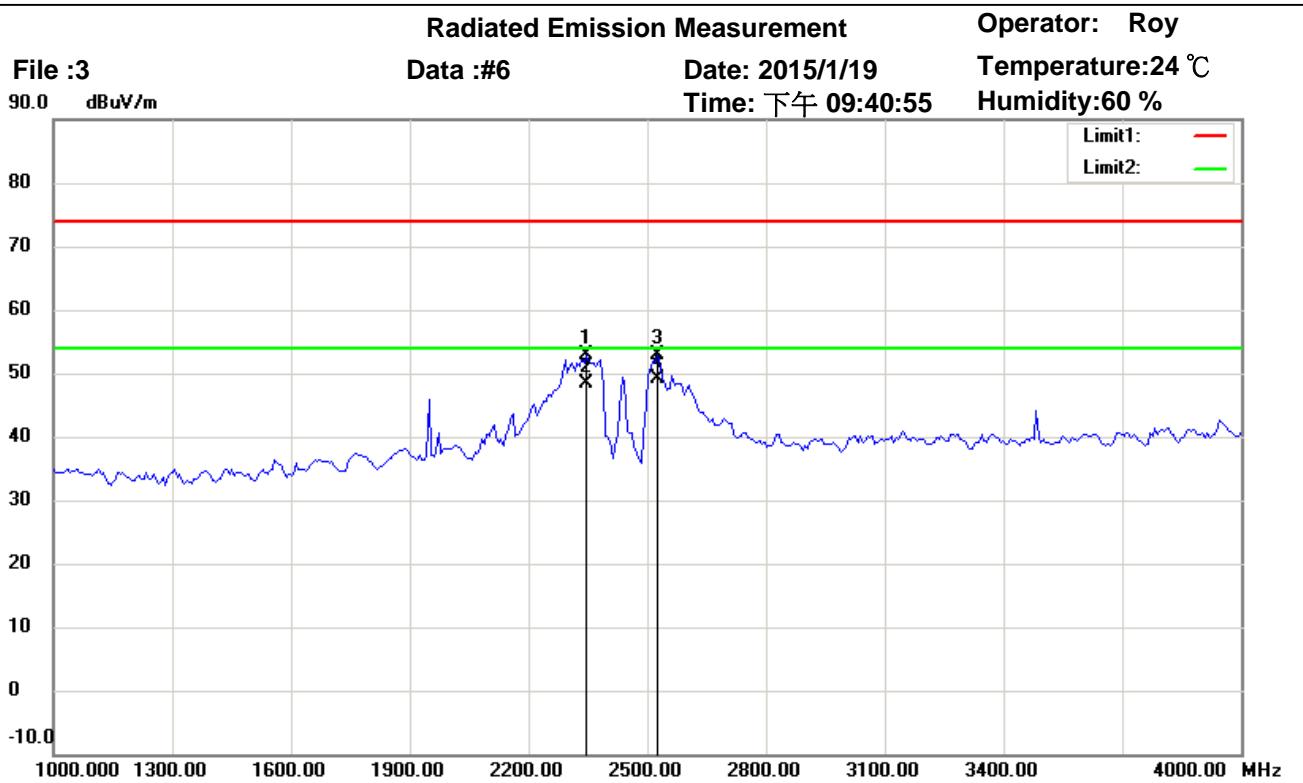
Note :

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
	2350.354	59.50	peak	-4.94	54.56	74.00	100	265	-19.44	
*	2350.354	57.28	AVG	-4.94	52.34	54.00	100	265	-1.66	
	2379.072	60.42	peak	-4.81	55.61	74.00	100	180	-18.39	
	2379.072	56.22	AVG	-4.81	51.41	54.00	100	180	-2.59	

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



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

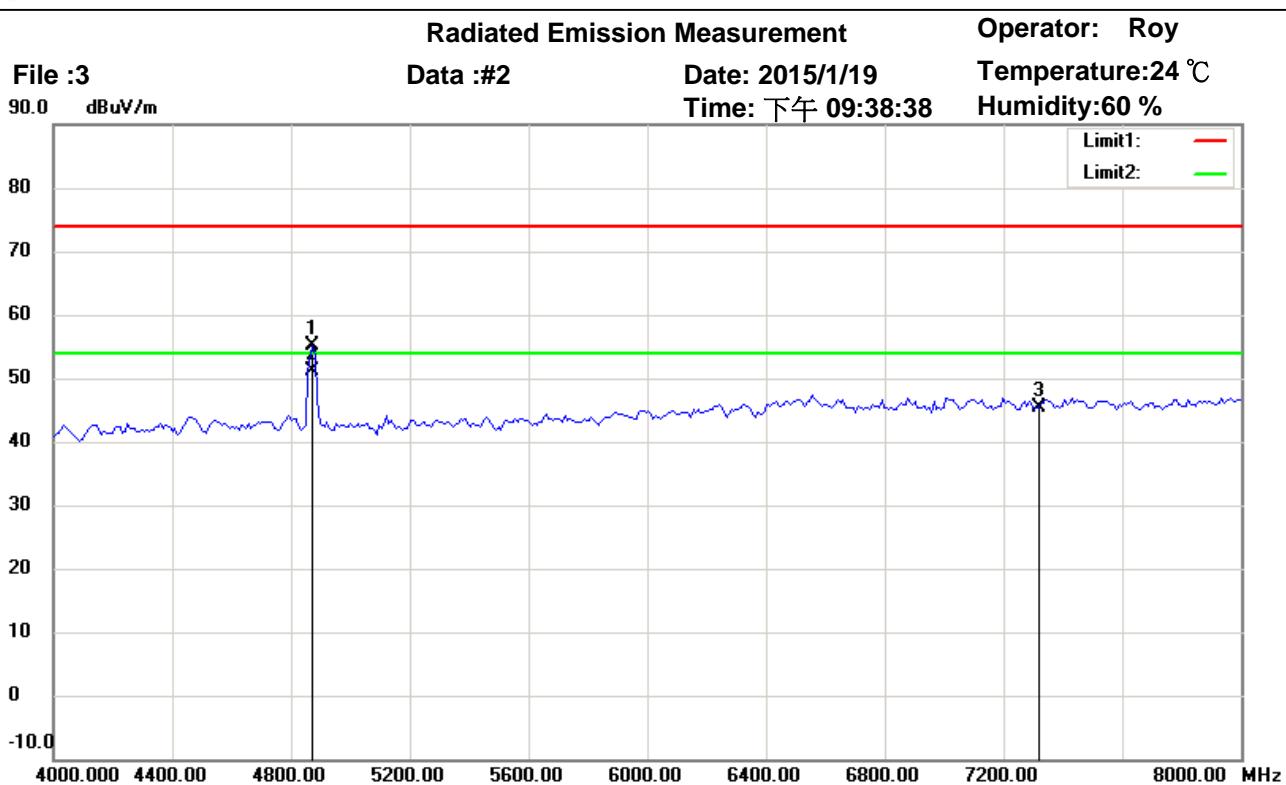
Test Mode : TX 802.11n 20M CH6

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
	2343.298	57.91	peak	-4.98	52.93	74.00	100	280	-21.07	
	2343.298	53.29	AVG	-4.98	48.31	54.00	100	280	-5.69	
	2523.729	57.45	peak	-4.49	52.96	74.00	100	175	-21.04	
*	2523.729	53.65	AVG	-4.49	49.16	54.00	100	175	-4.84	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

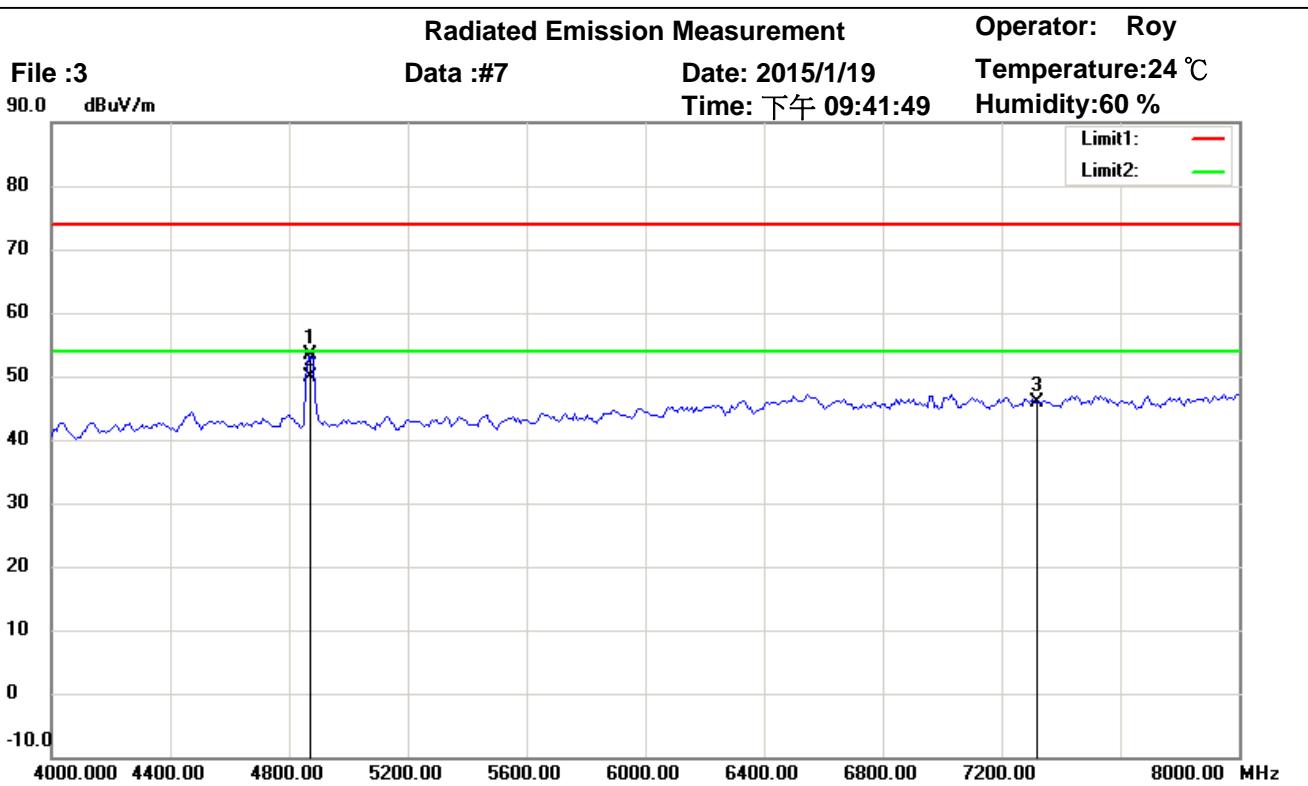
Test Mode : TX 802.11n 20M CH6

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
	4867.556	54.33	peak	0.73	55.06	74.00	100	225	-18.94	
*	4867.556	50.36	AVG	0.73	51.09	54.00	100	225	-2.91	
	7311.000	40.87	peak	4.39	45.26	74.00	100	100	-28.74	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

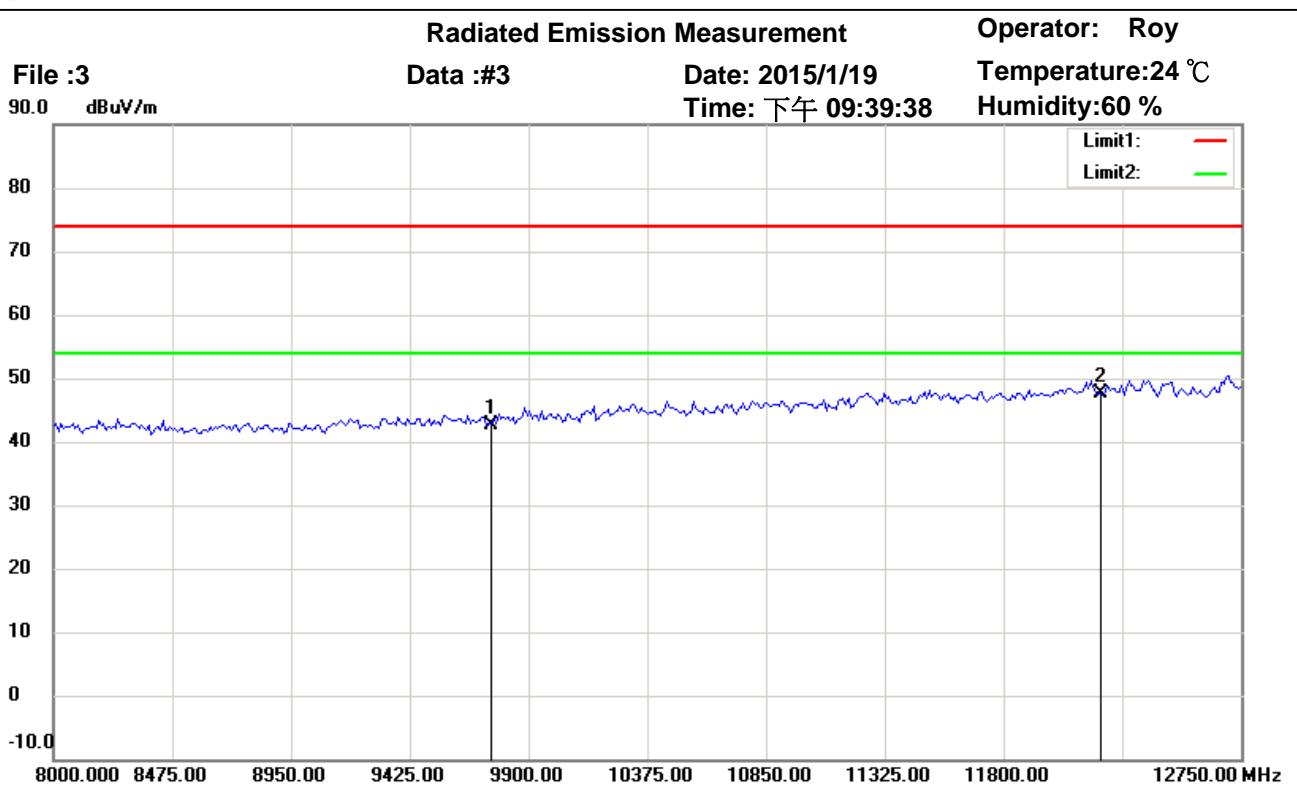
Test Mode : TX 802.11n 20M CH6

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
	4868.194	52.66	peak	0.73	53.39	74.00	100	223	-20.61	
*	4868.194	49.24	AVG	0.73	49.97	54.00	100	223	-4.03	
	7311.000	41.46	peak	4.39	45.85	74.00	100	310	-28.15	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

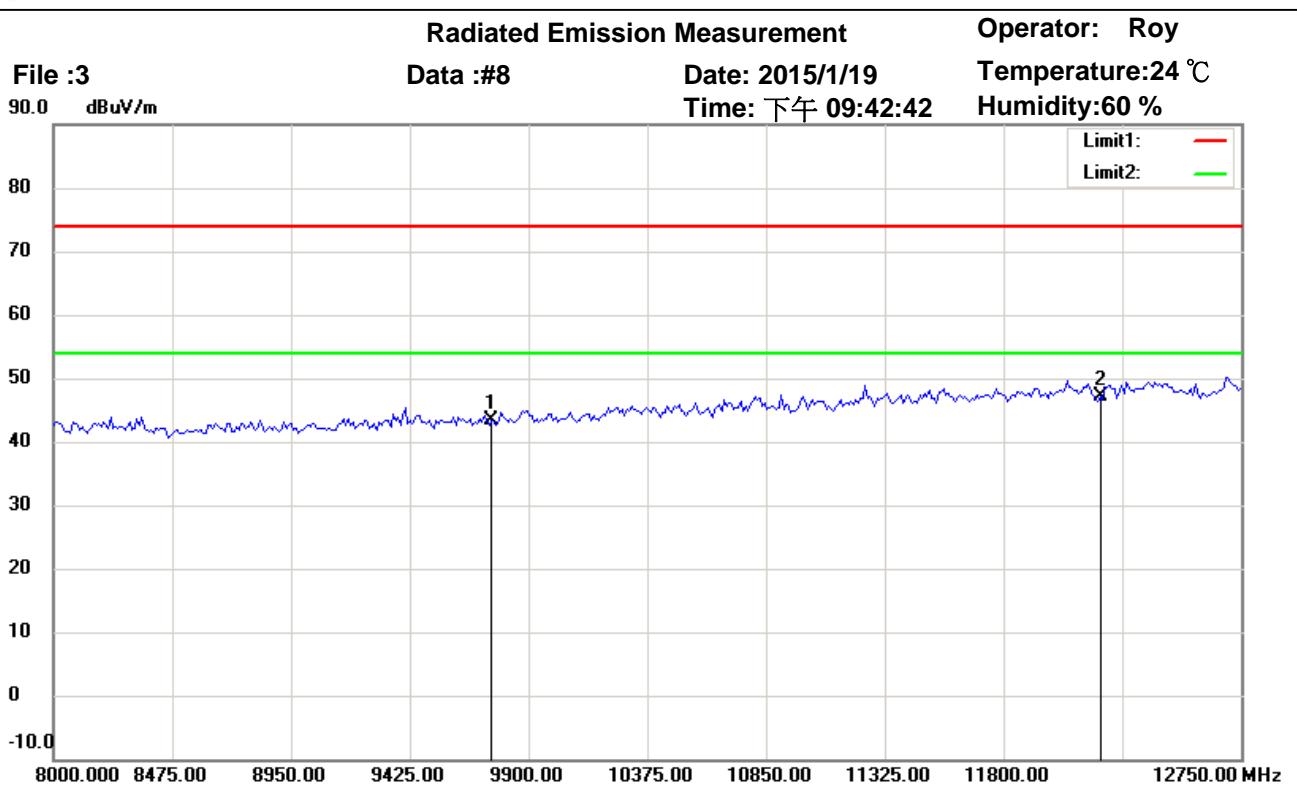
Test Mode : TX 802.11n 20M CH6

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	35.17	peak	7.58	42.75	74.00	100	105	-31.25	
*	12185.000	33.80	peak	13.77	47.57	74.00	100	30	-26.43	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

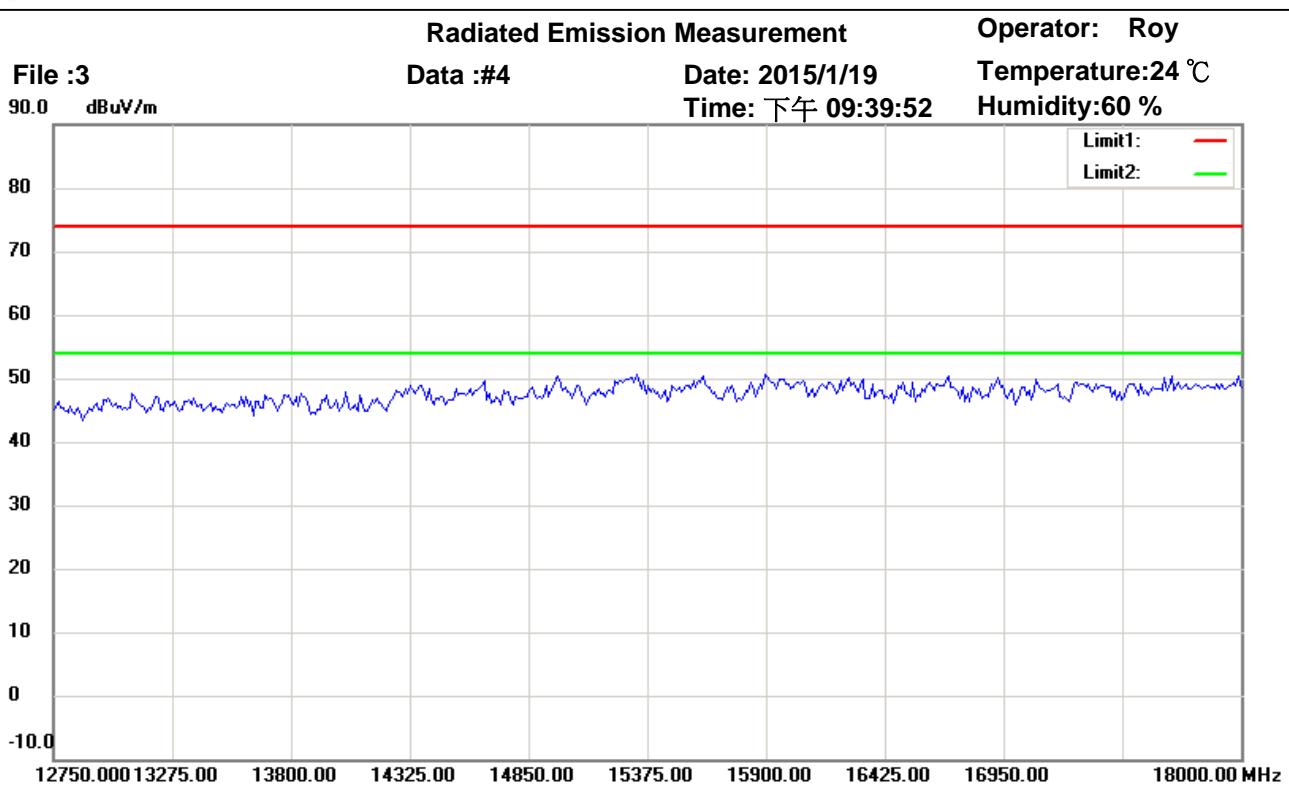
Test Mode : TX 802.11n 20M CH6

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	35.91	peak	7.58	43.49	74.00	100	200	-30.51	
*	12185.000	33.39	peak	13.77	47.16	74.00	100	95	-26.84	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

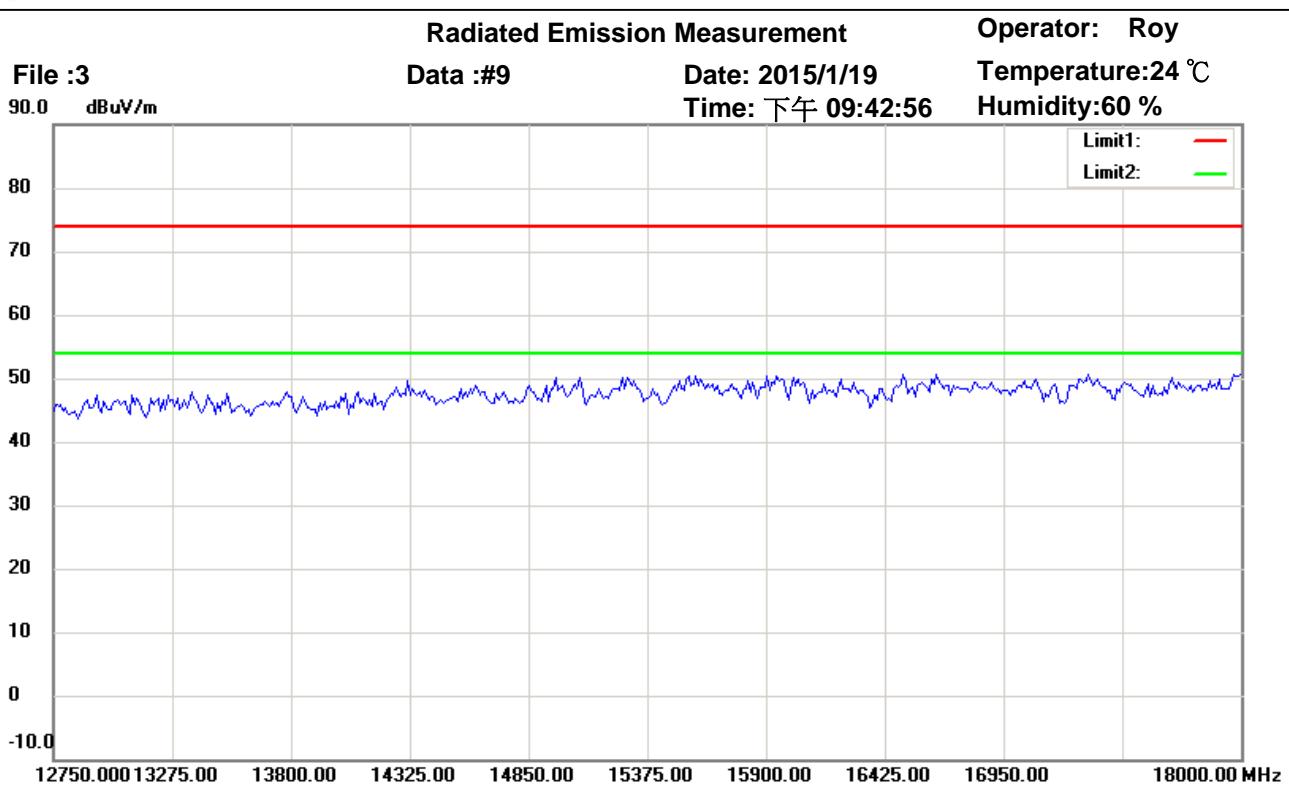
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Note :

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

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

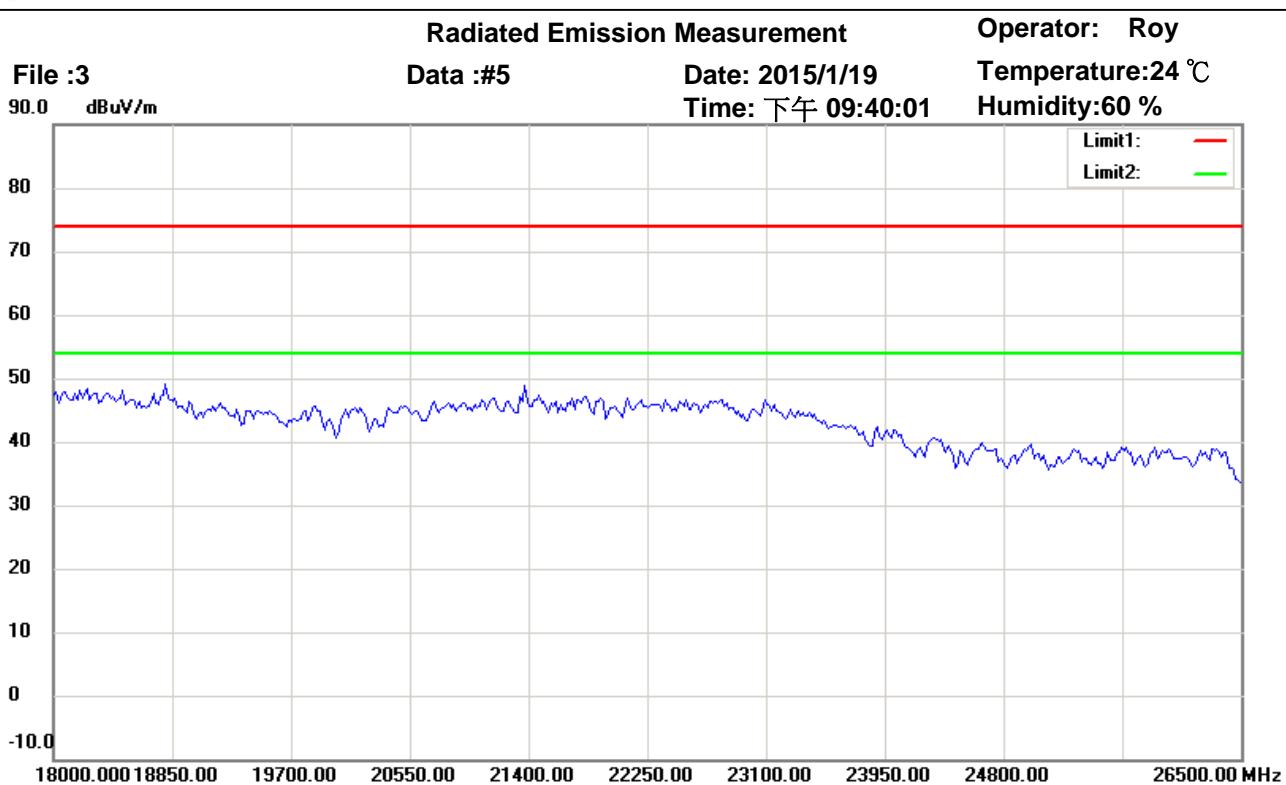
Test Mode : TX 802.11n 20M CH6

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

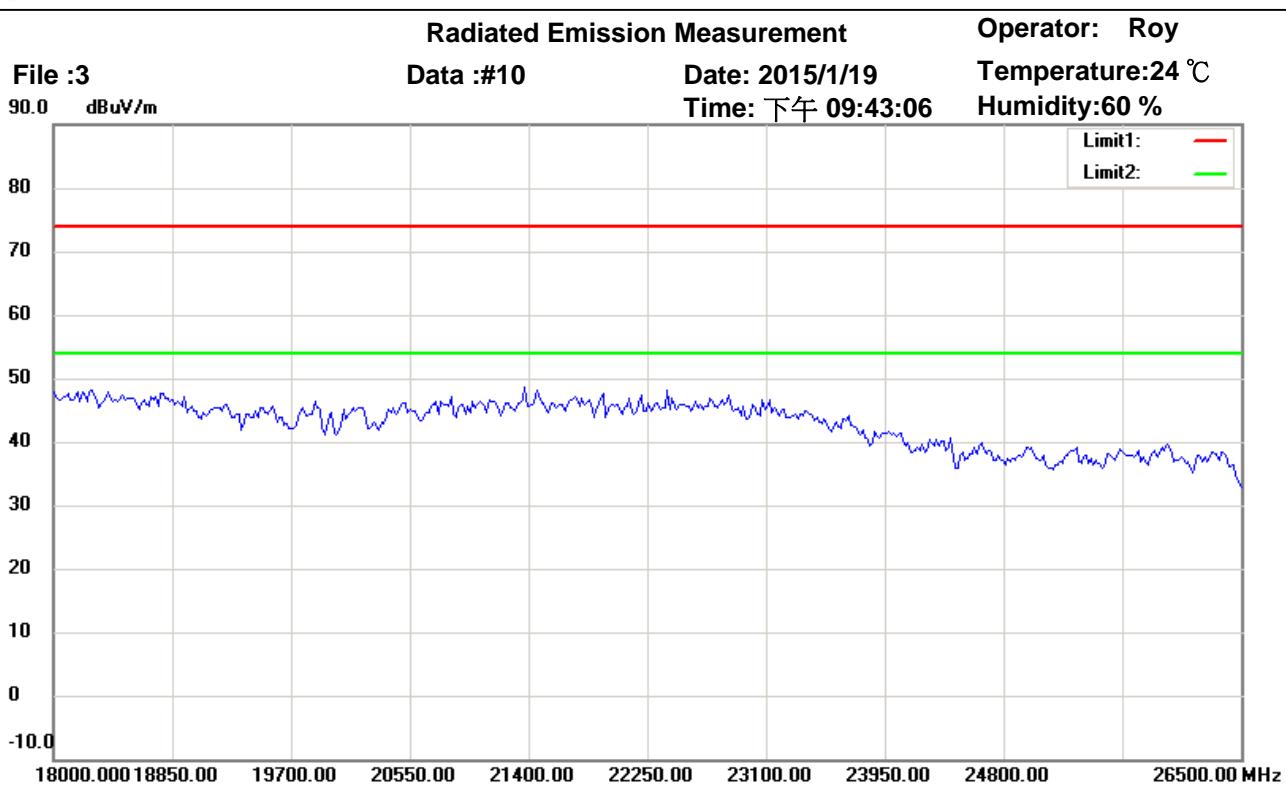
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Note :

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

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

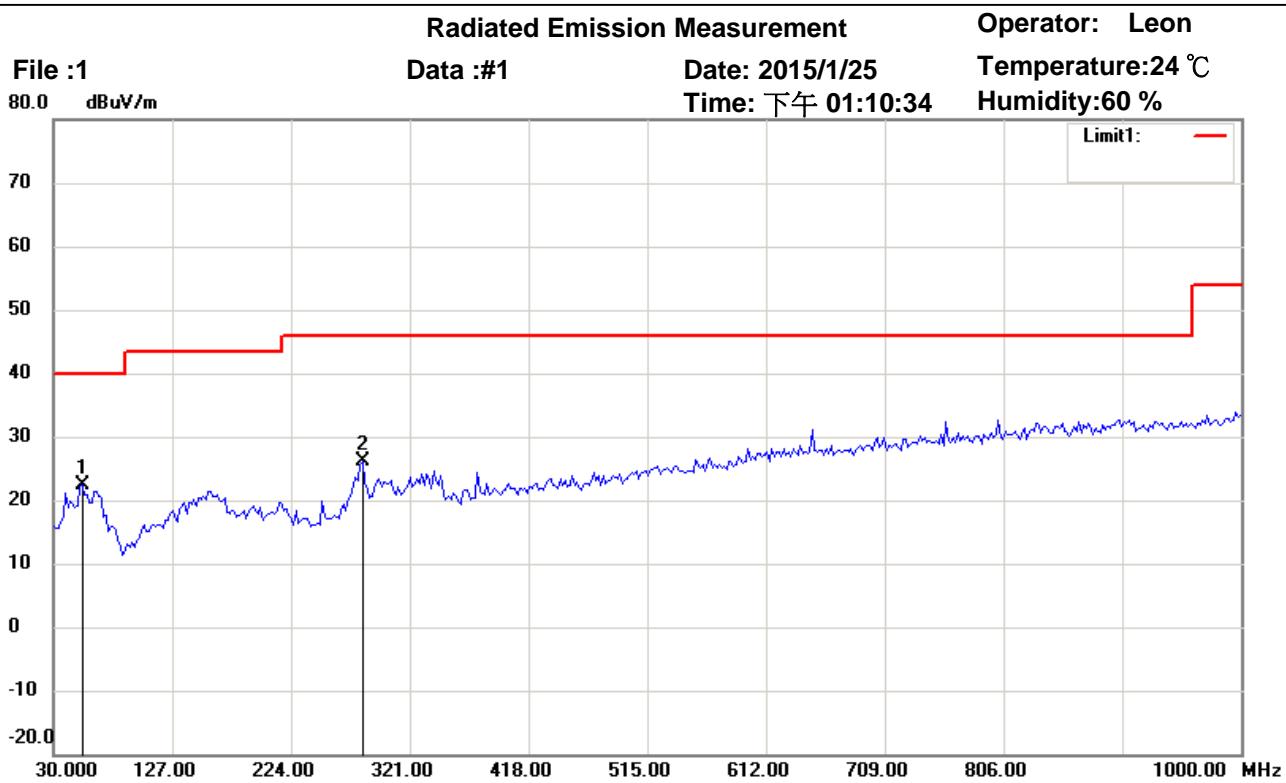
Test Mode : TX 802.11n 20M CH6

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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Tel:+886-2-6606-8877
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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

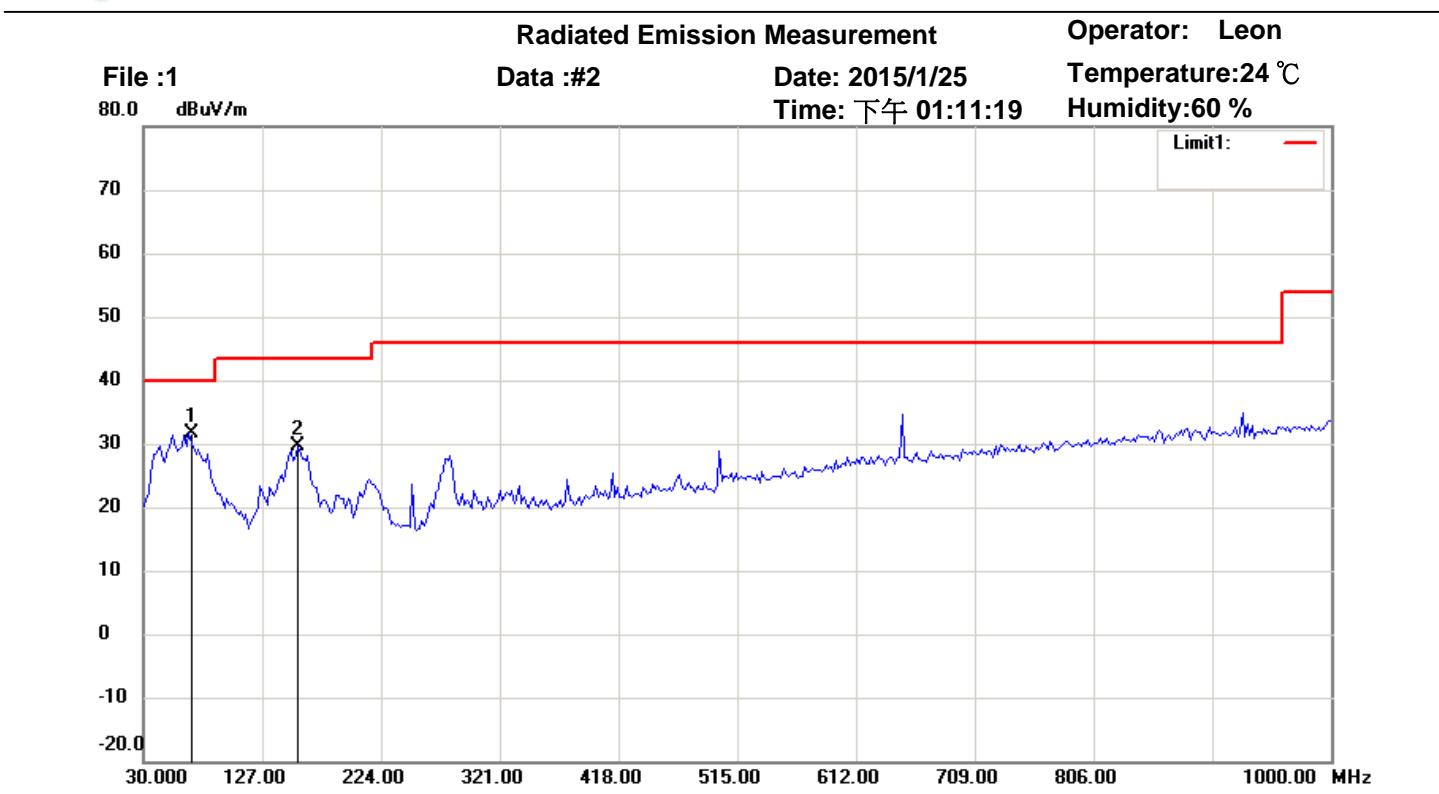
Test Mode : TX 802.11n 20M CH11

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
*	53.3267	8.15	peak	14.12	22.27	40.00	100	95	-17.73	
	282.7053	10.39	peak	15.69	26.08	46.00	100	120	-19.92	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

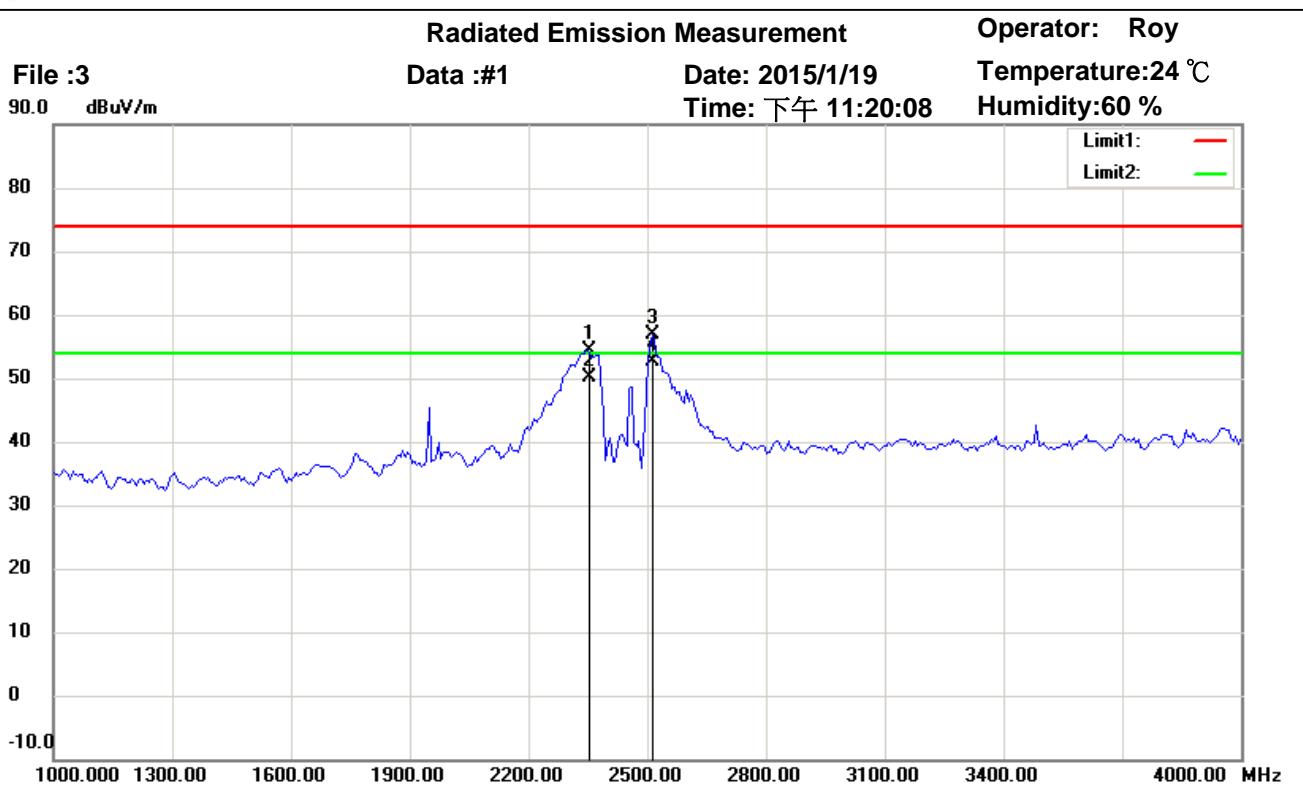
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Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	66.9340	19.26	peak	12.28	31.54	40.00	100	175	-8.46	
	156.3527	14.05	peak	15.49	29.54	43.50	100	115	-13.96	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n 20M CH11

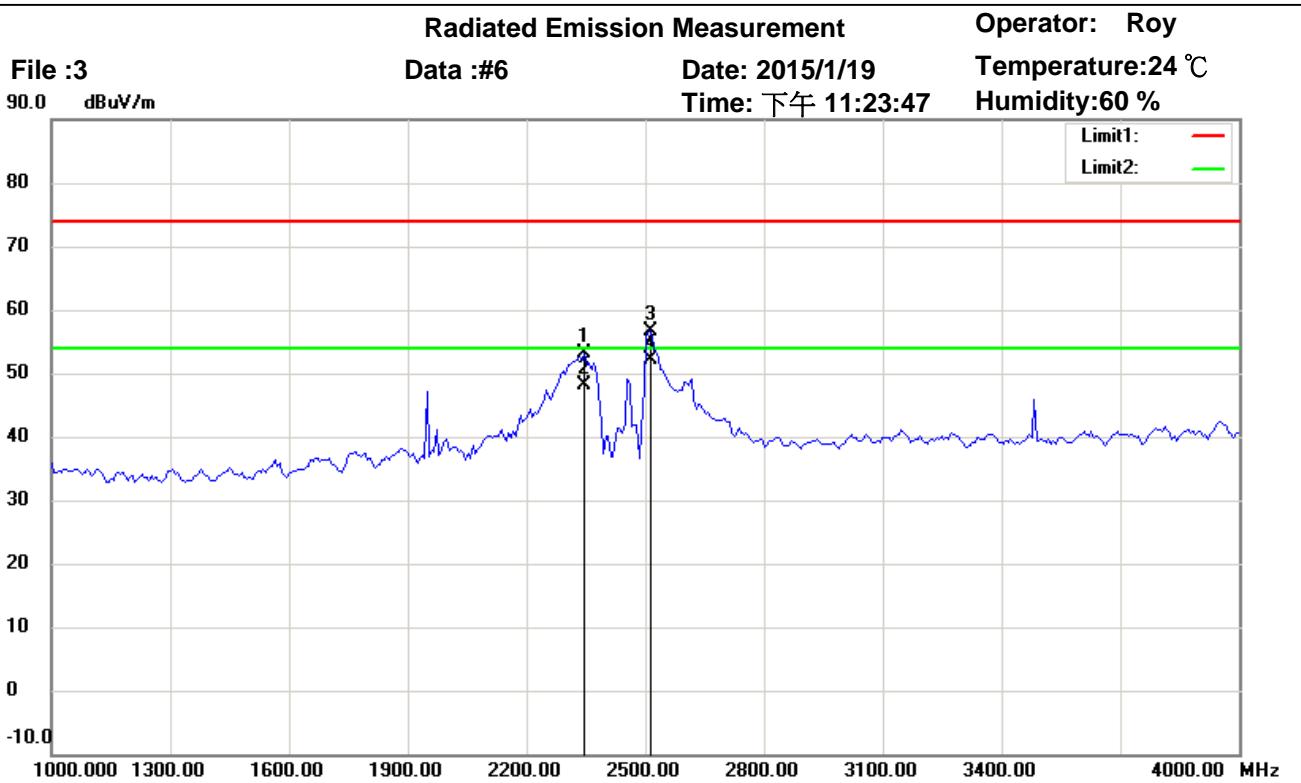
Note :

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
	2350.400	59.23	peak	-4.94	54.29	74.00	100	265	-19.71	
	2350.400	55.17	AVG	-4.94	50.23	54.00	100	265	-3.77	
	2513.445	61.50	peak	-4.53	56.97	74.00	100	205	-17.03	
*	2513.445	57.27	AVG	-4.53	52.74	54.00	100	205	-1.26	

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



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

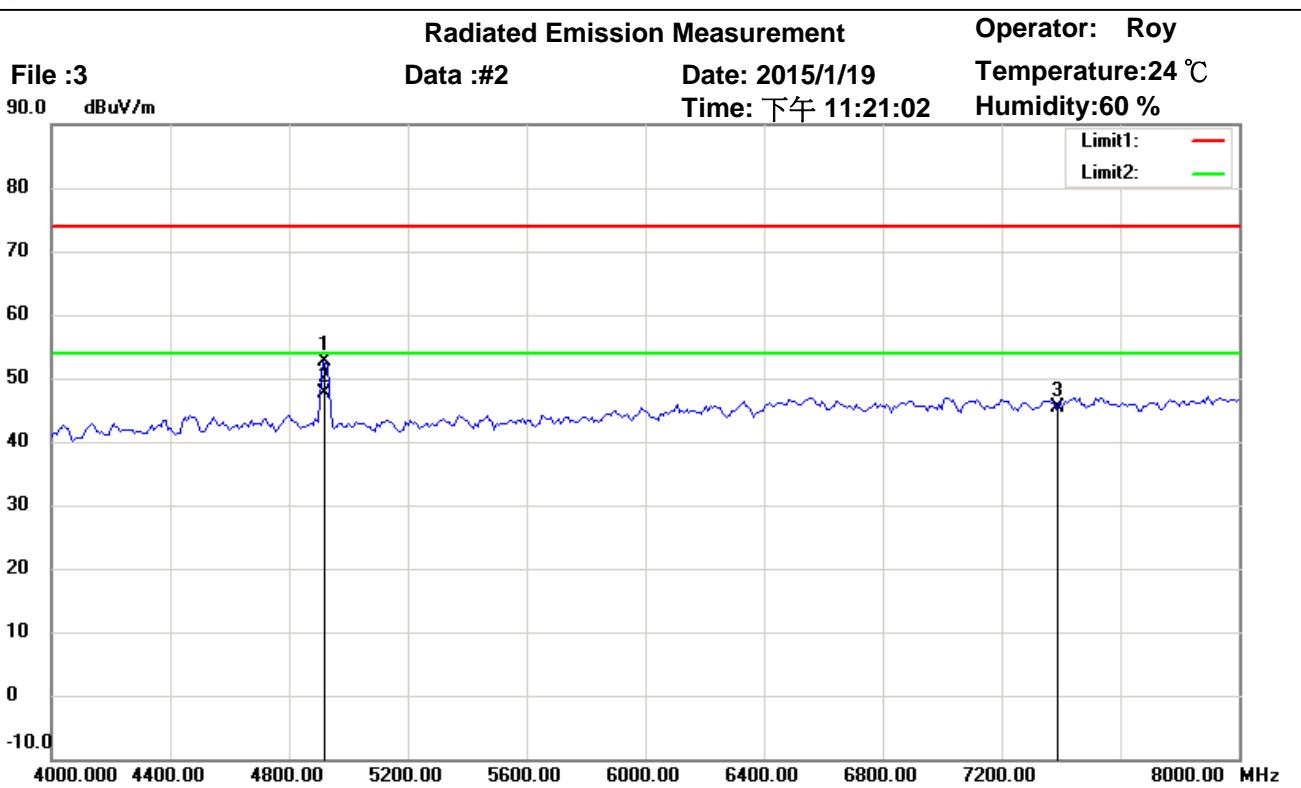
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Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	2341.172	58.15	peak	-4.99	53.16	74.00	100	280	-20.84	
	2341.172	53.24	AVG	-4.99	48.25	54.00	100	280	-5.75	
	2510.439	61.22	peak	-4.54	56.68	74.00	100	184	-17.32	
*	2510.439	56.68	AVG	-4.54	52.14	54.00	100	184	-1.86	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

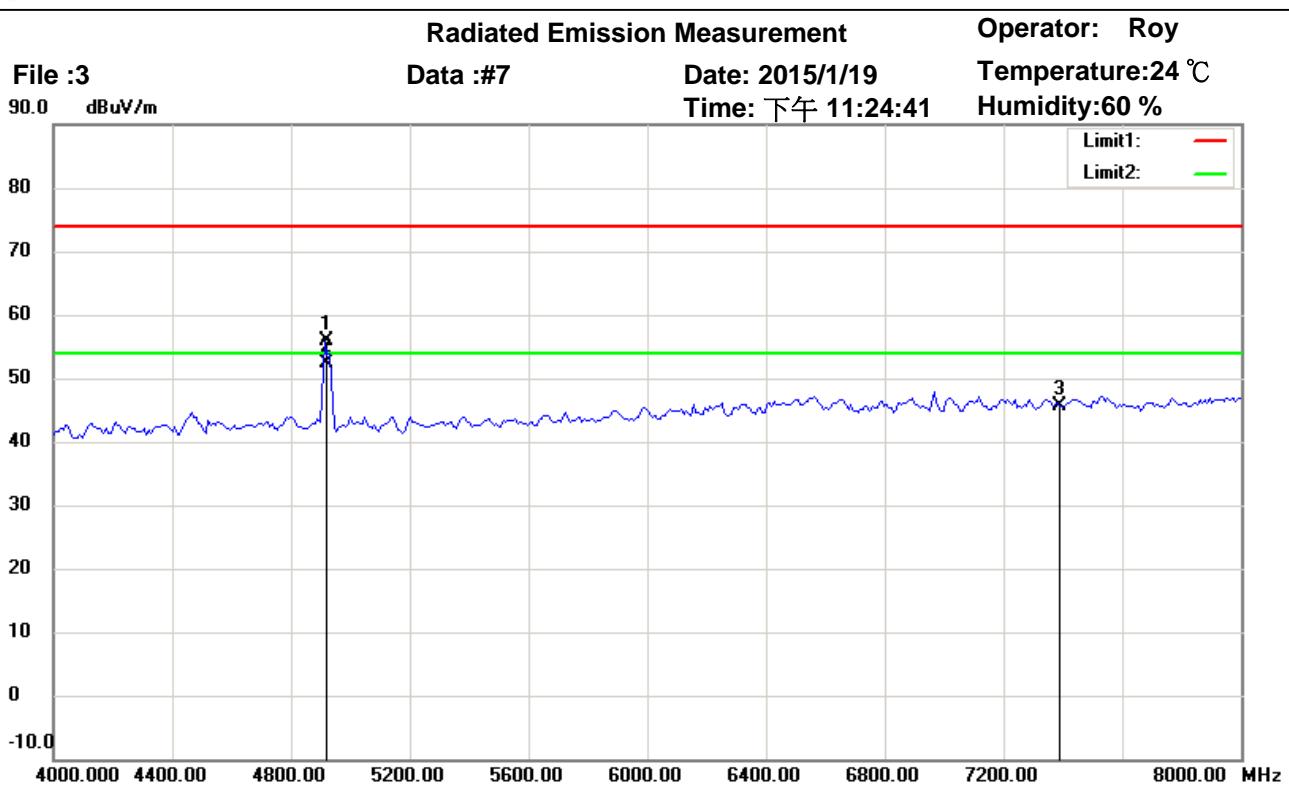
Test Mode : TX 802.11n 20M CH11

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
	4918.233	51.89	peak	0.80	52.69	74.00	100	218	-21.31	
*	4918.233	46.89	AVG	0.80	47.69	54.00	100	218	-6.31	
	7386.000	40.55	peak	4.71	45.26	74.00	100	35	-28.74	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

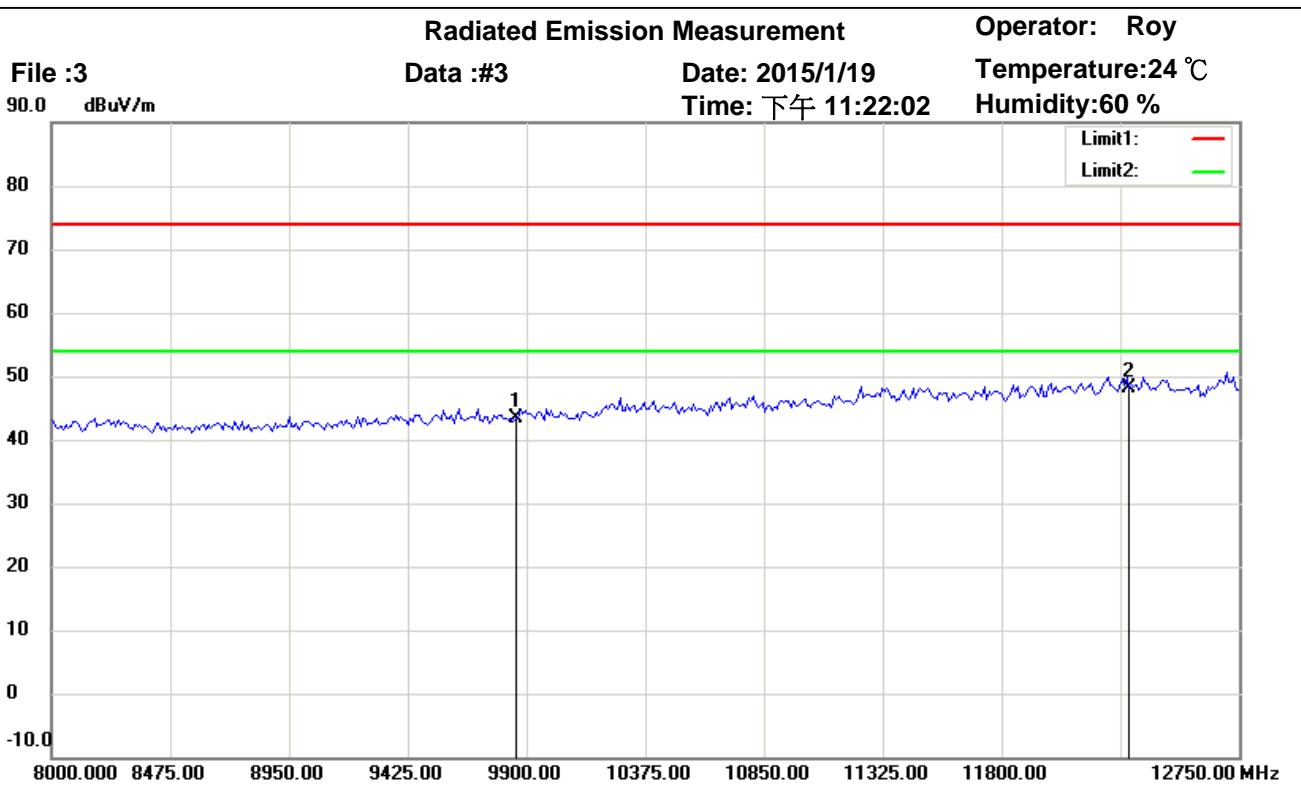
Test Mode : TX 802.11n 20M CH11

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
	4918.527	55.03	peak	0.80	55.83	74.00	100	235	-18.17	
*	4918.527	51.46	AVG	0.80	52.26	54.00	100	235	-1.74	
	7386.000	40.93	peak	4.71	45.64	74.00	100	95	-28.36	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

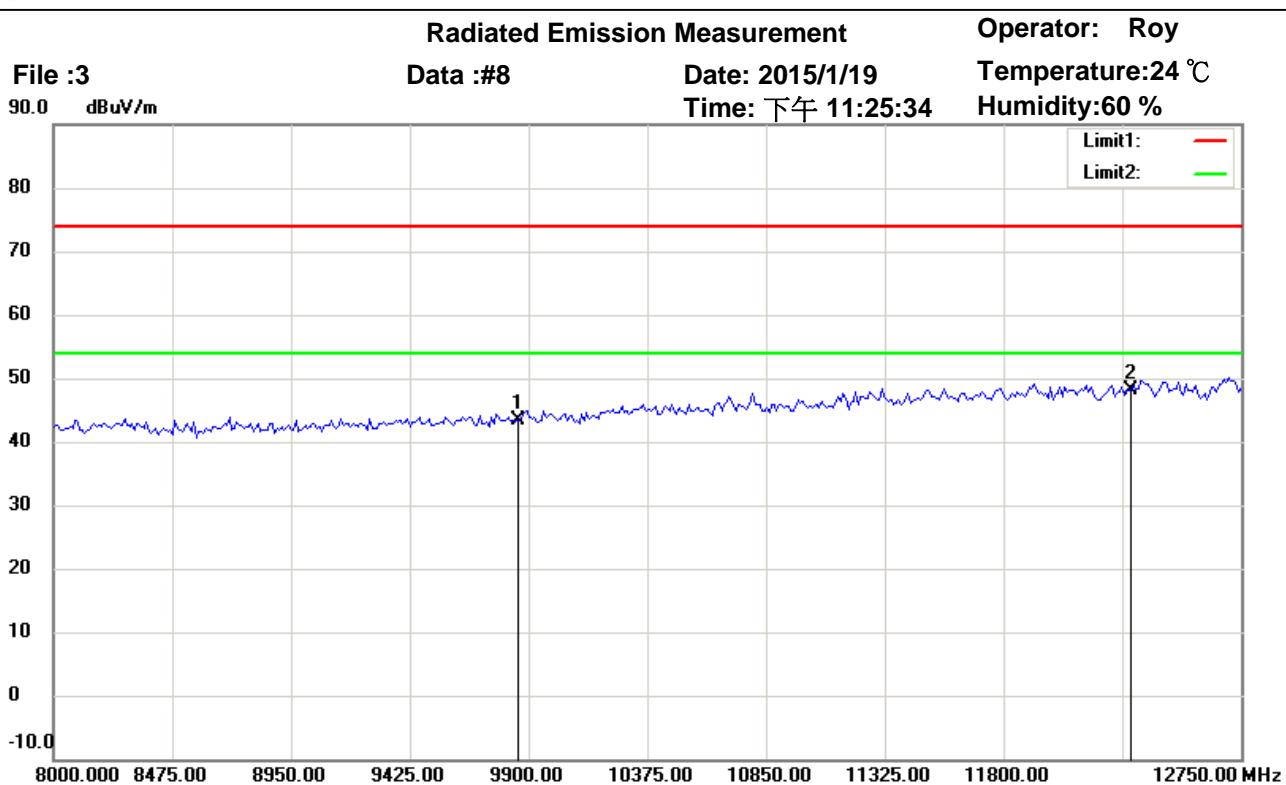
Test Mode : TX 802.11n 20M CH11

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	35.51	peak	7.96	43.47	74.00	100	180	-30.53	
*	12310.000	34.64	peak	13.60	48.24	74.00	100	150	-25.76	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

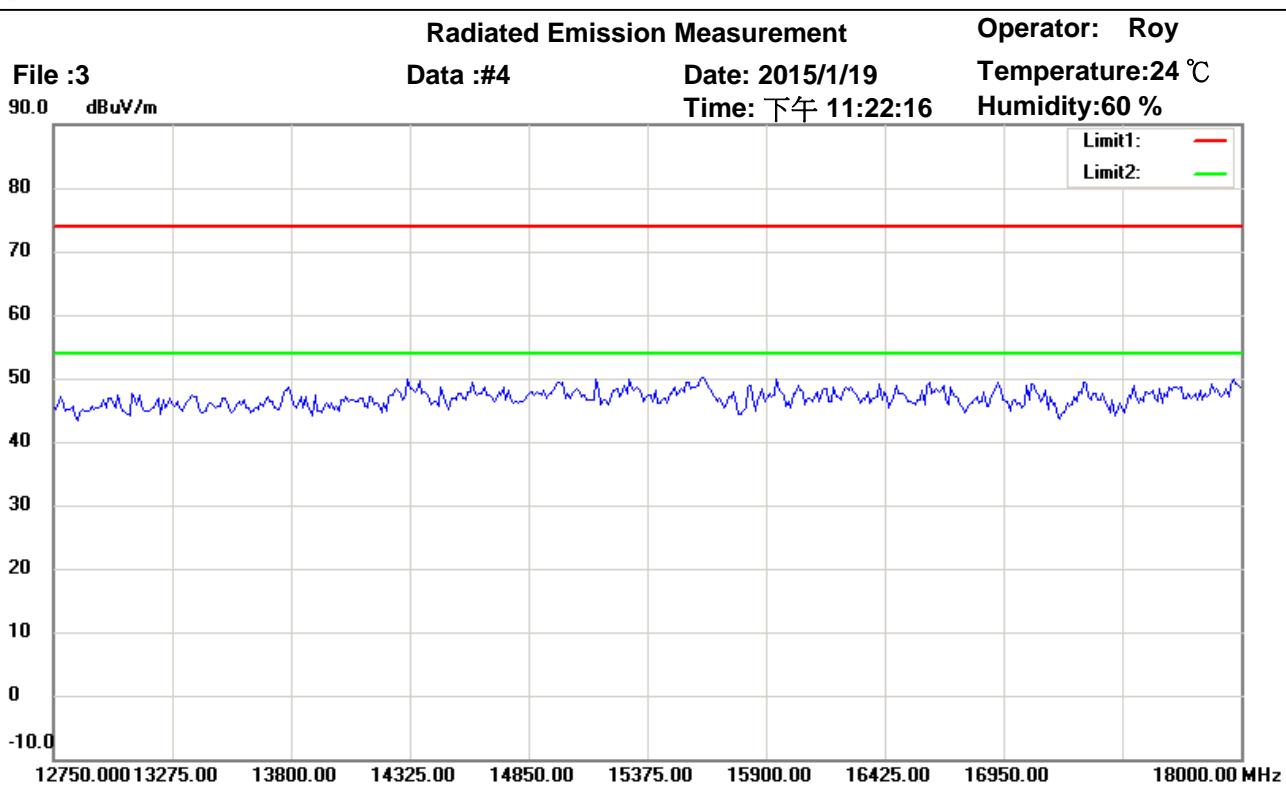
Test Mode : TX 802.11n 20M CH11

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	35.33	peak	7.96	43.29	74.00	100	270	-30.71	
*	12310.000	34.63	peak	13.60	48.23	74.00	100	220	-25.77	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

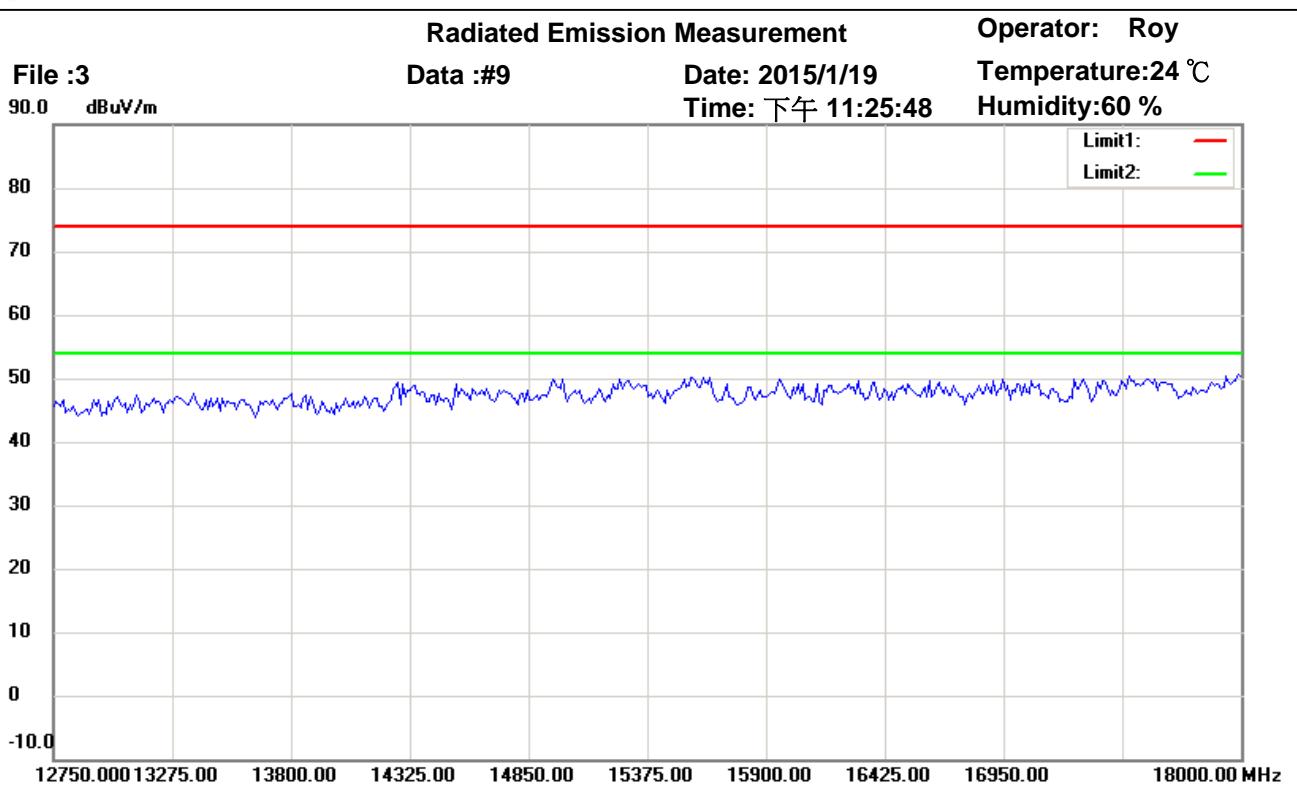
Test Mode : TX 802.11n 20M CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

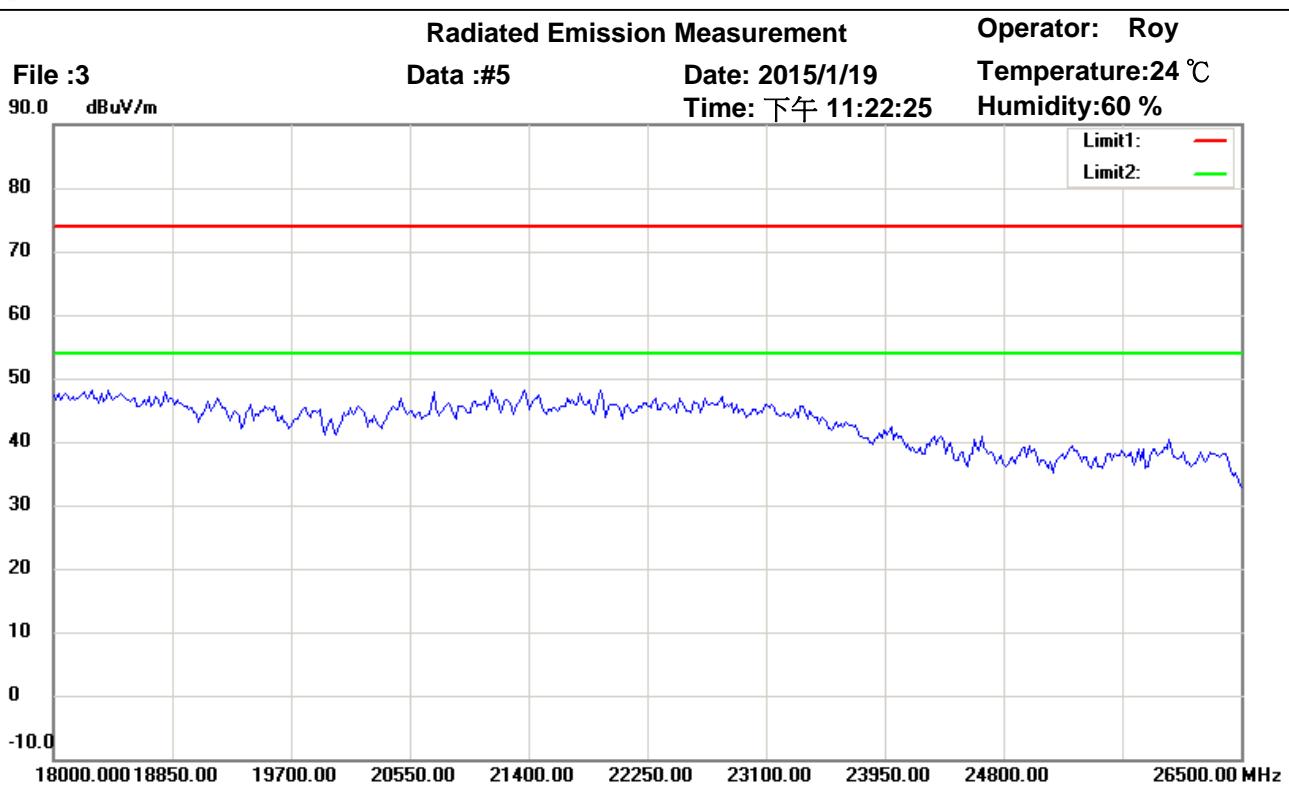
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Note :

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

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

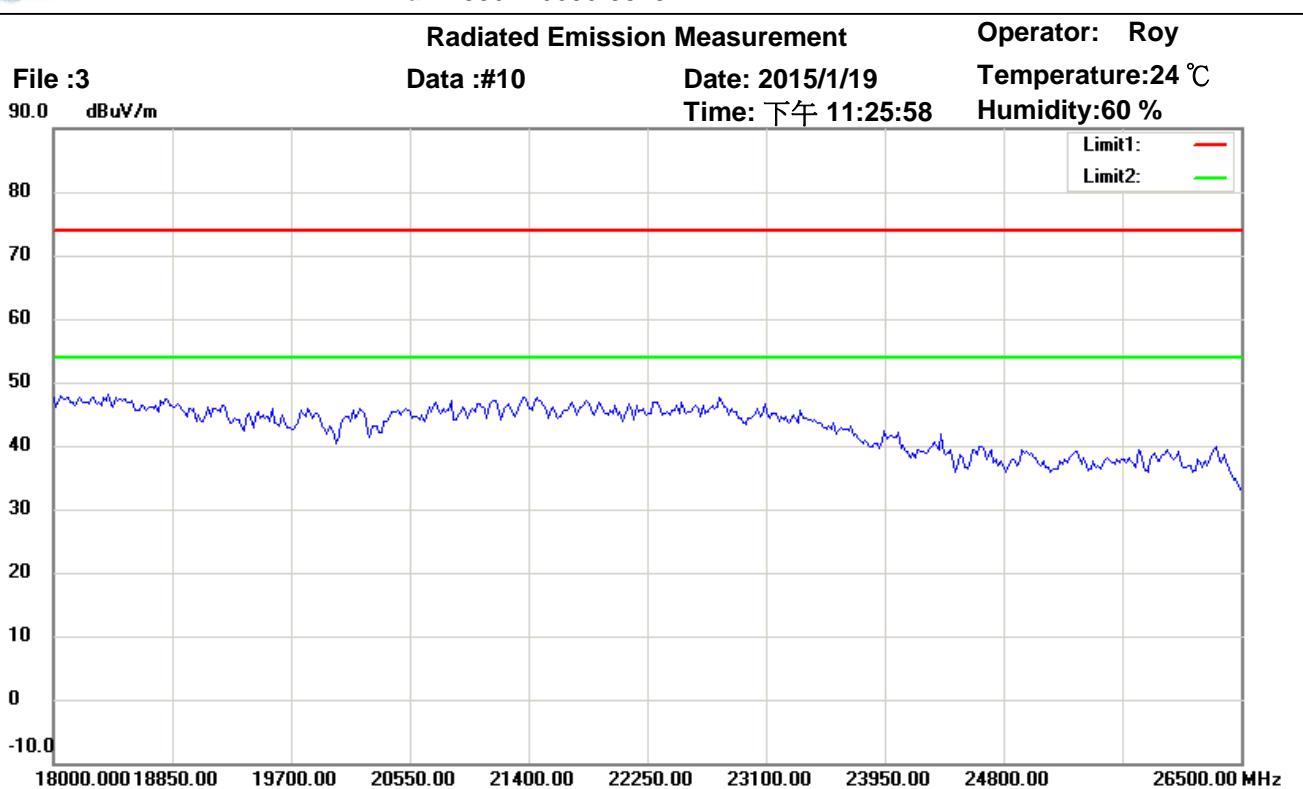
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Note :

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

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

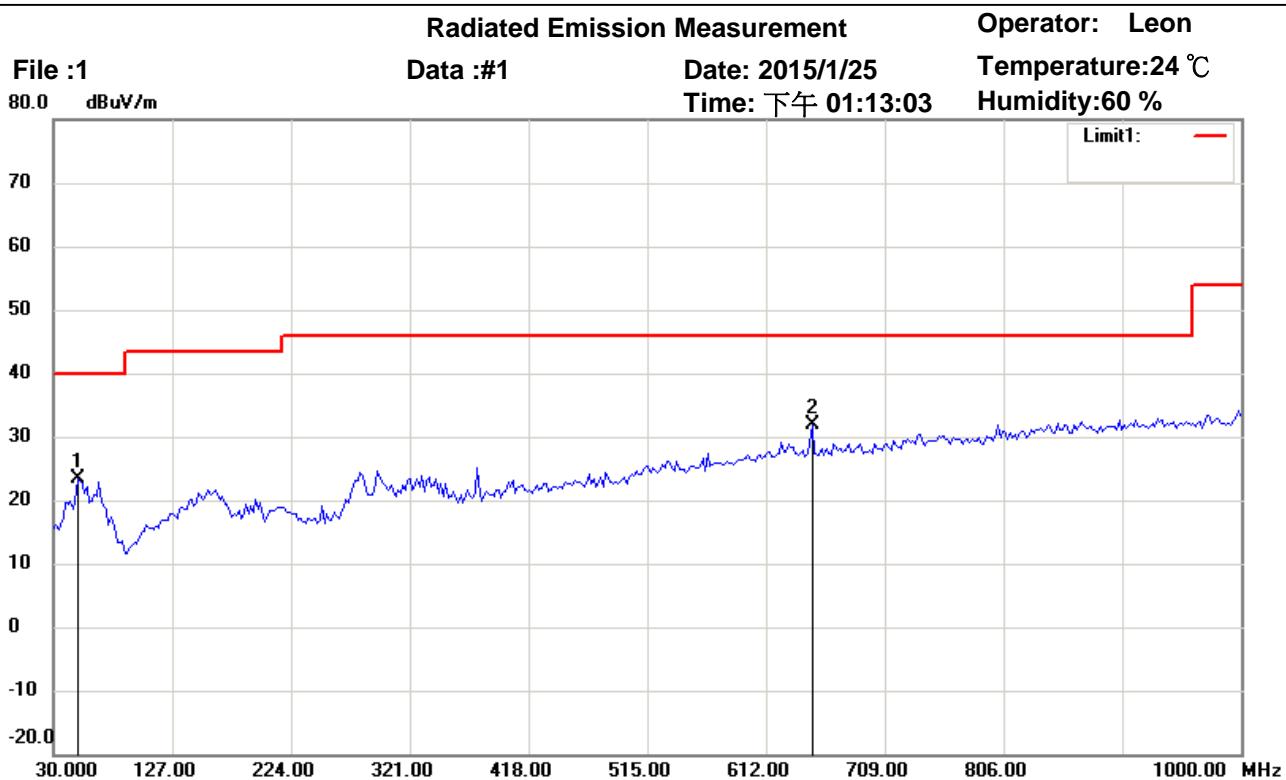
Test Mode : TX 802.11n 20M CH11

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

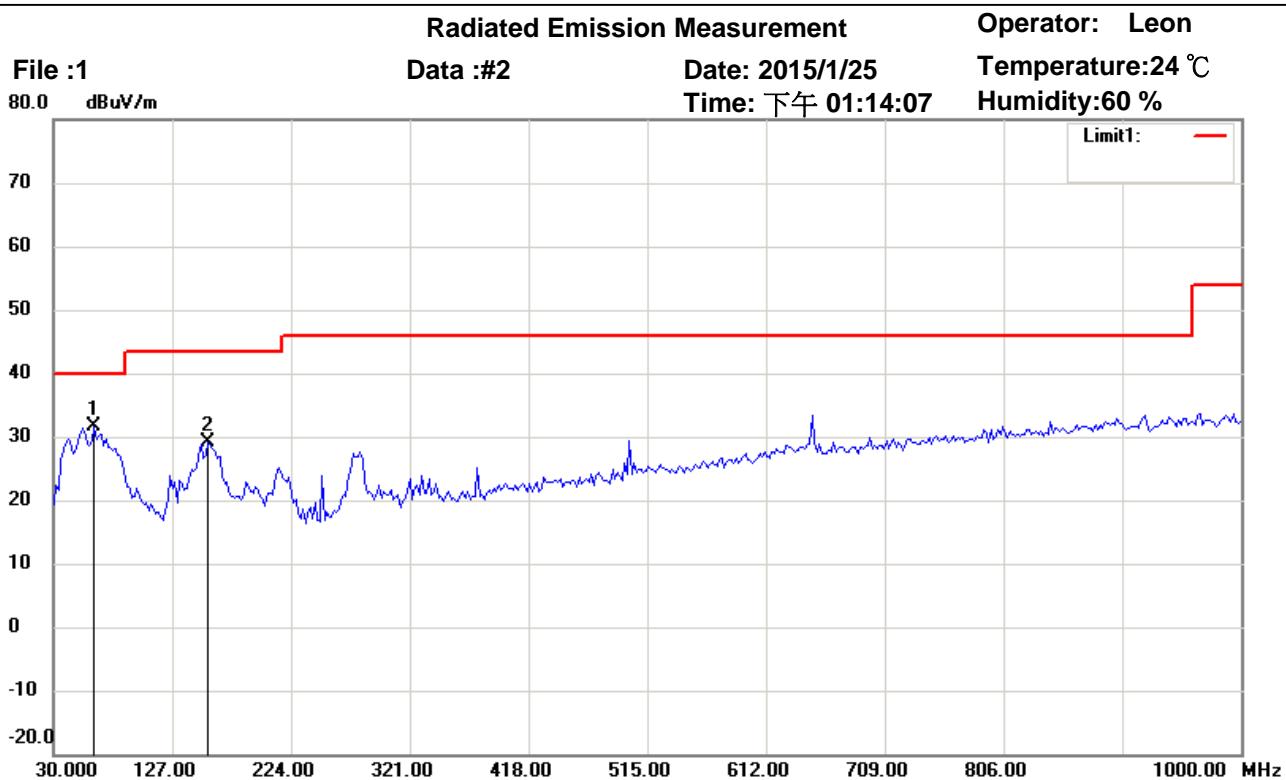
Test Mode : TX 802.11n 40M CH1

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
	49.4388	8.74	peak	14.65	23.39	40.00	100	95	-16.61	
*	650.1001	7.34	peak	24.56	31.90	46.00	100	145	-14.10	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

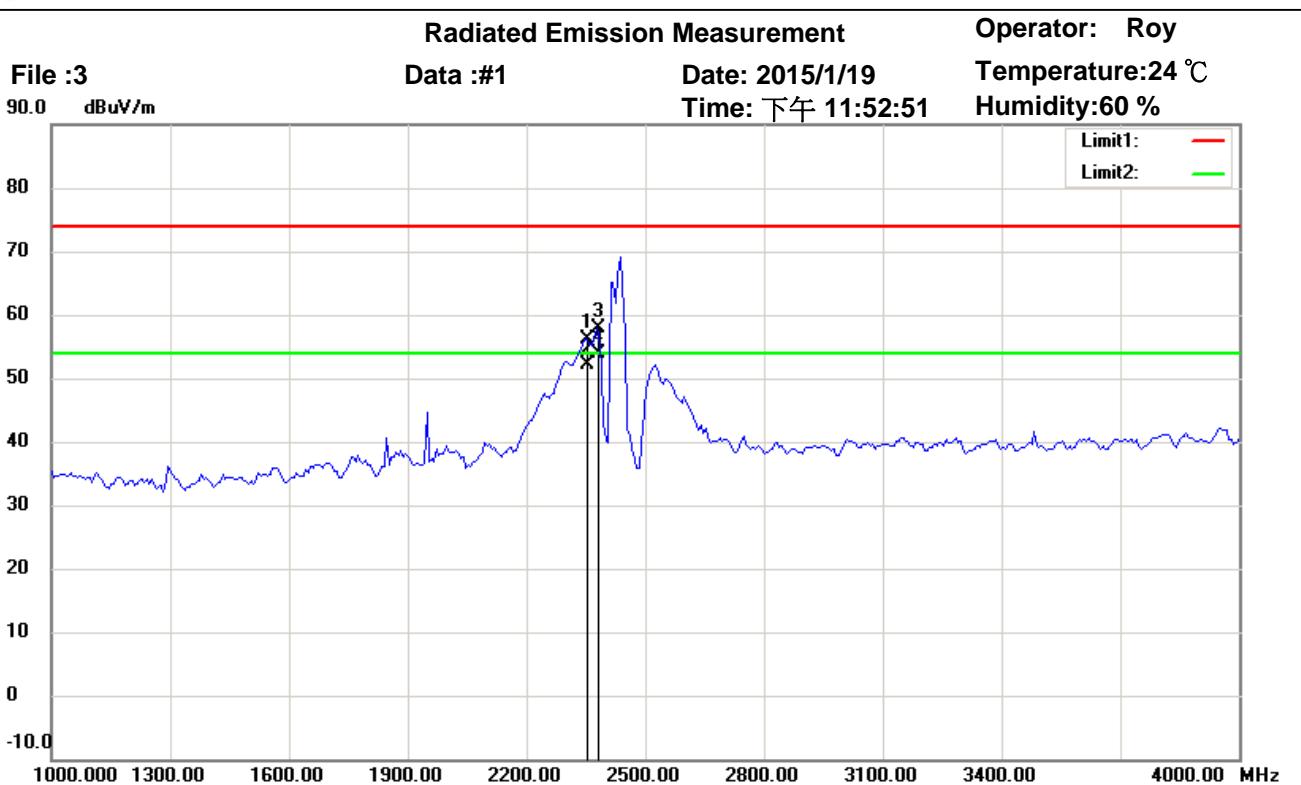
Test Mode : TX 802.11n 40M CH1

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
*	63.0461	18.96	peak	12.74	31.70	40.00	100	125	-8.30	
	156.3527	13.57	peak	15.49	29.06	43.50	100	160	-14.44	



Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

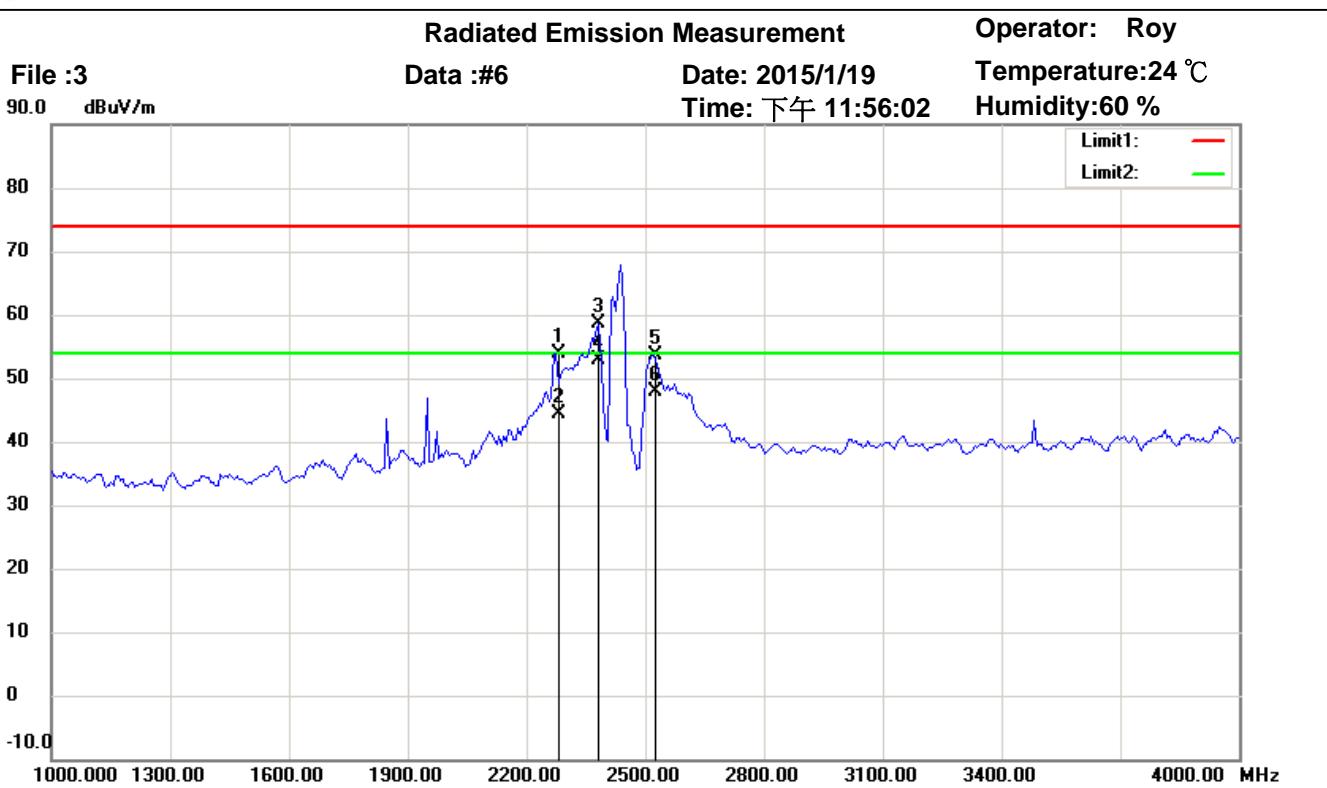
Test Mode : TX 802.11n 40M CH1

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
	2350.697	61.16	peak	-4.94	56.22	74.00	100	267	-17.78	
	2350.697	57.00	AVG	-4.94	52.06	54.00	100	267	-1.94	
	2378.410	62.79	peak	-4.81	57.98	74.00	100	267	-16.02	
*	2378.410	58.58	AVG	-4.81	53.77	54.00	100	267	-0.23	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

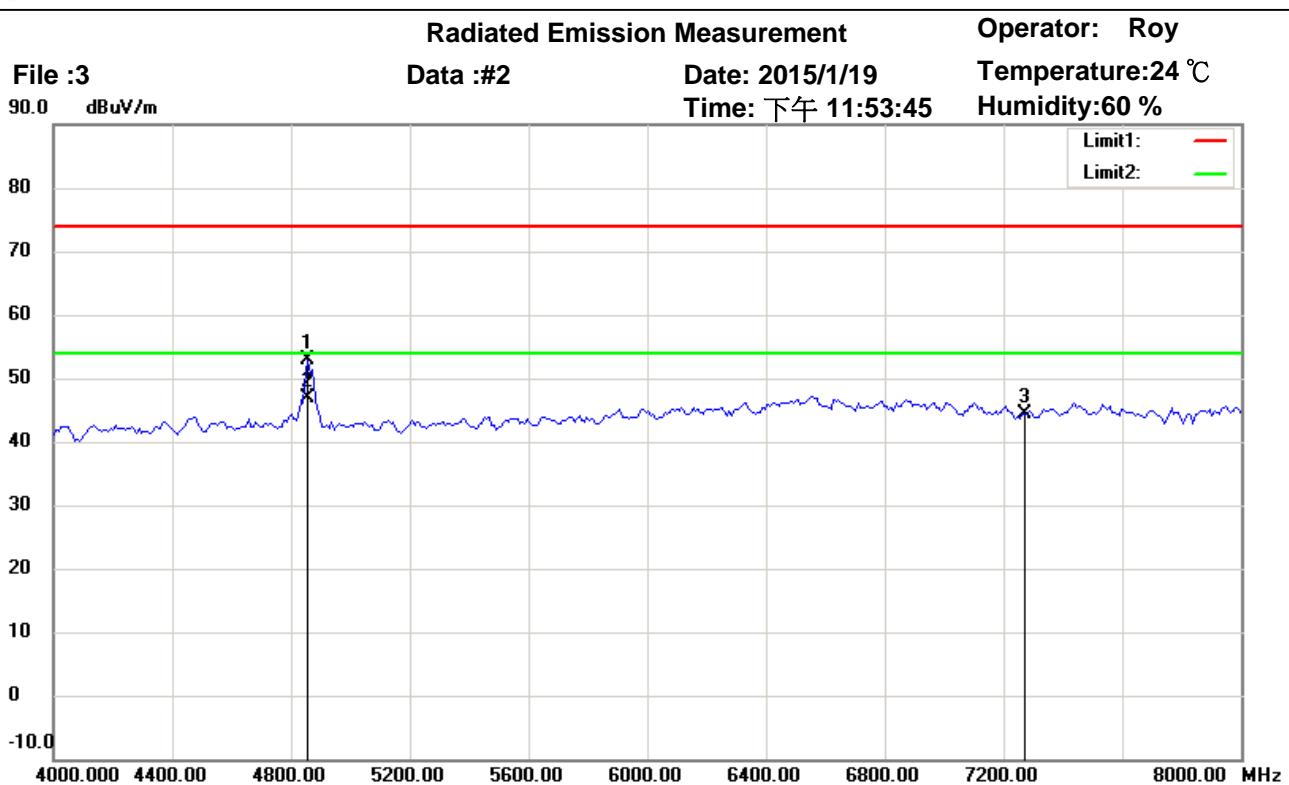
Test Mode : TX 802.11n 40M CH1

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
	2275.541	59.27	peak	-5.32	53.95	74.00	100	275	-20.05	
	2275.541	49.77	AVG	-5.32	44.45	54.00	100	275	-9.55	
	2378.458	63.34	peak	-4.81	58.53	74.00	100	280	-15.47	
*	2378.458	57.71	AVG	-4.81	52.90	54.00	100	280	-1.10	
	2521.944	58.13	peak	-4.50	53.63	74.00	100	182	-20.37	
	2521.944	52.43	AVG	-4.50	47.93	54.00	100	182	-6.07	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

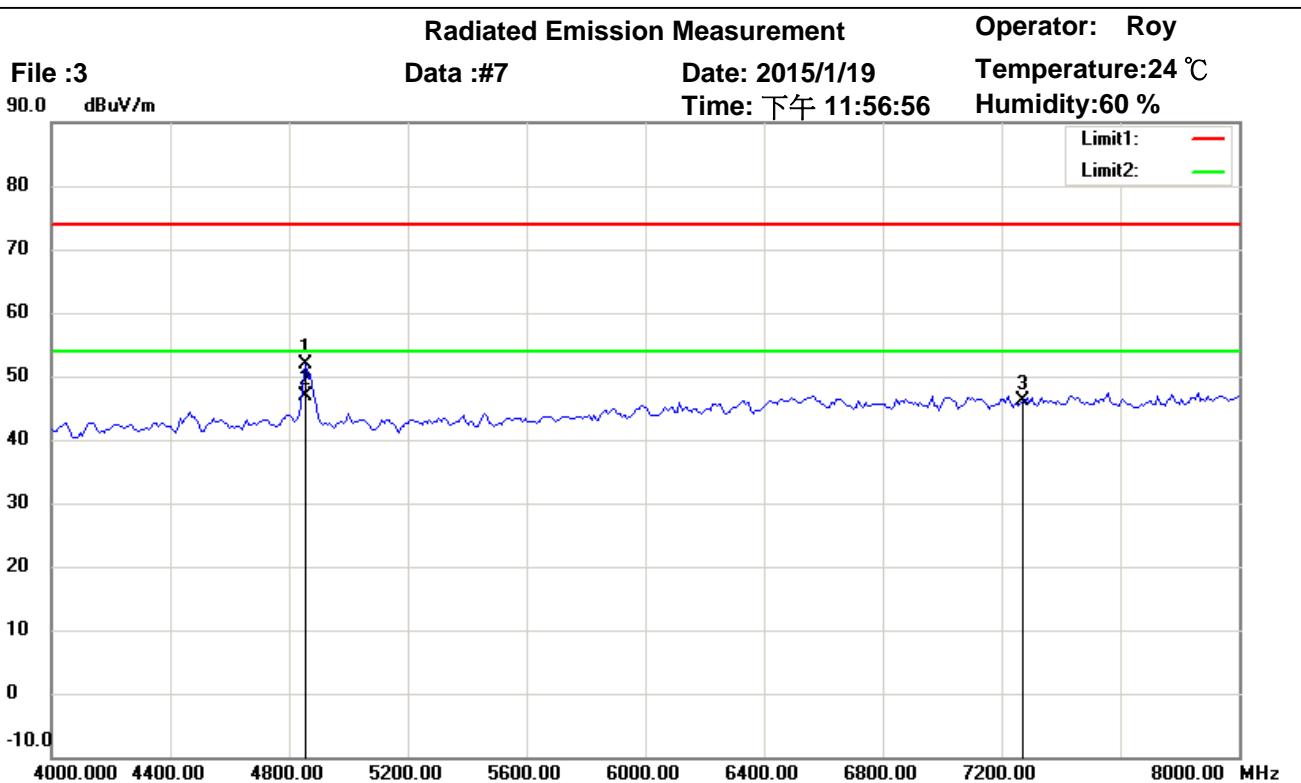
Test Mode : TX 802.11n 40M CH1

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
	4856.112	52.15	peak	0.72	52.87	74.00	100	225	-21.13	
*	4856.112	46.04	AVG	0.72	46.76	54.00	100	225	-7.24	
	7266.000	40.15	peak	4.32	44.47	74.00	100	140	-29.53	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

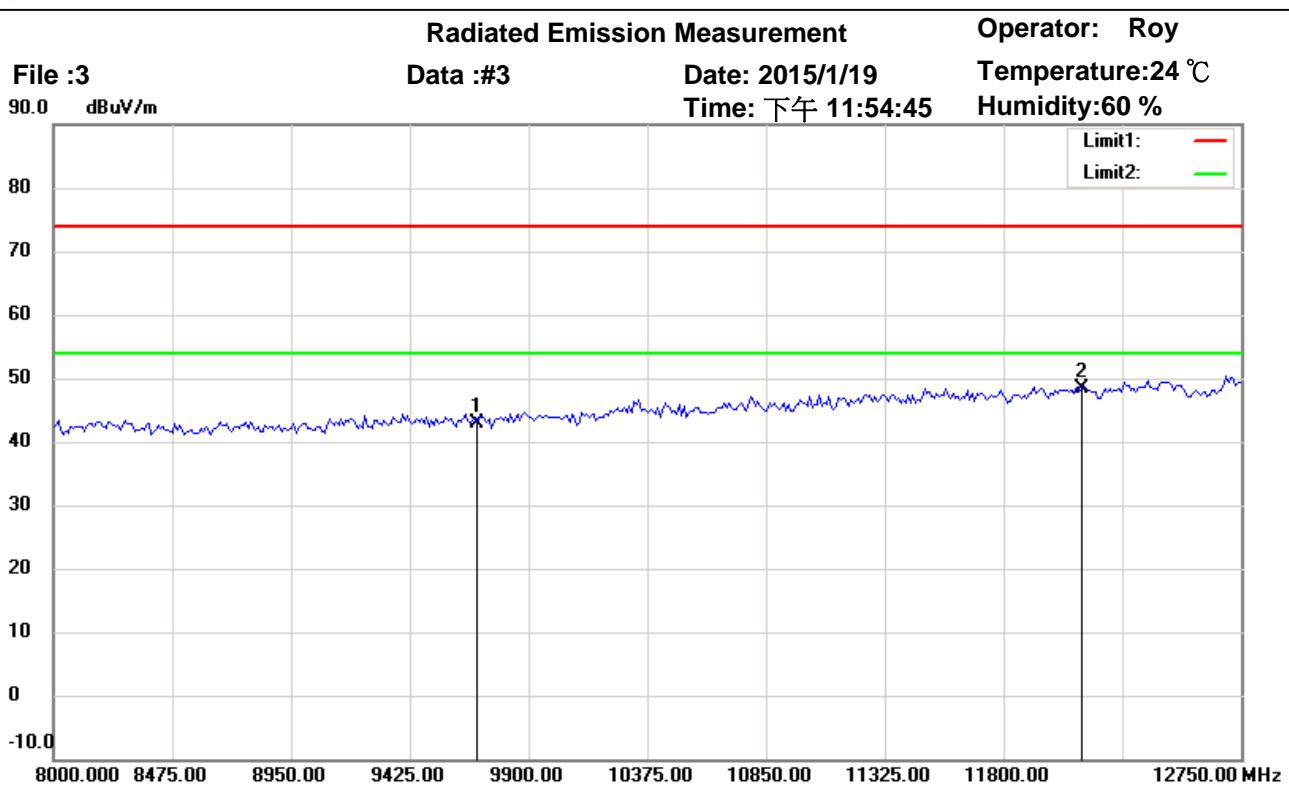
Test Mode : TX 802.11n 40M CH1

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
	4857.028	51.26	peak	0.72	51.98	74.00	100	280	-22.02	
*	4857.028	46.21	AVG	0.72	46.93	54.00	100	280	-7.07	
	7266.000	41.69	peak	4.32	46.01	74.00	100	250	-27.99	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

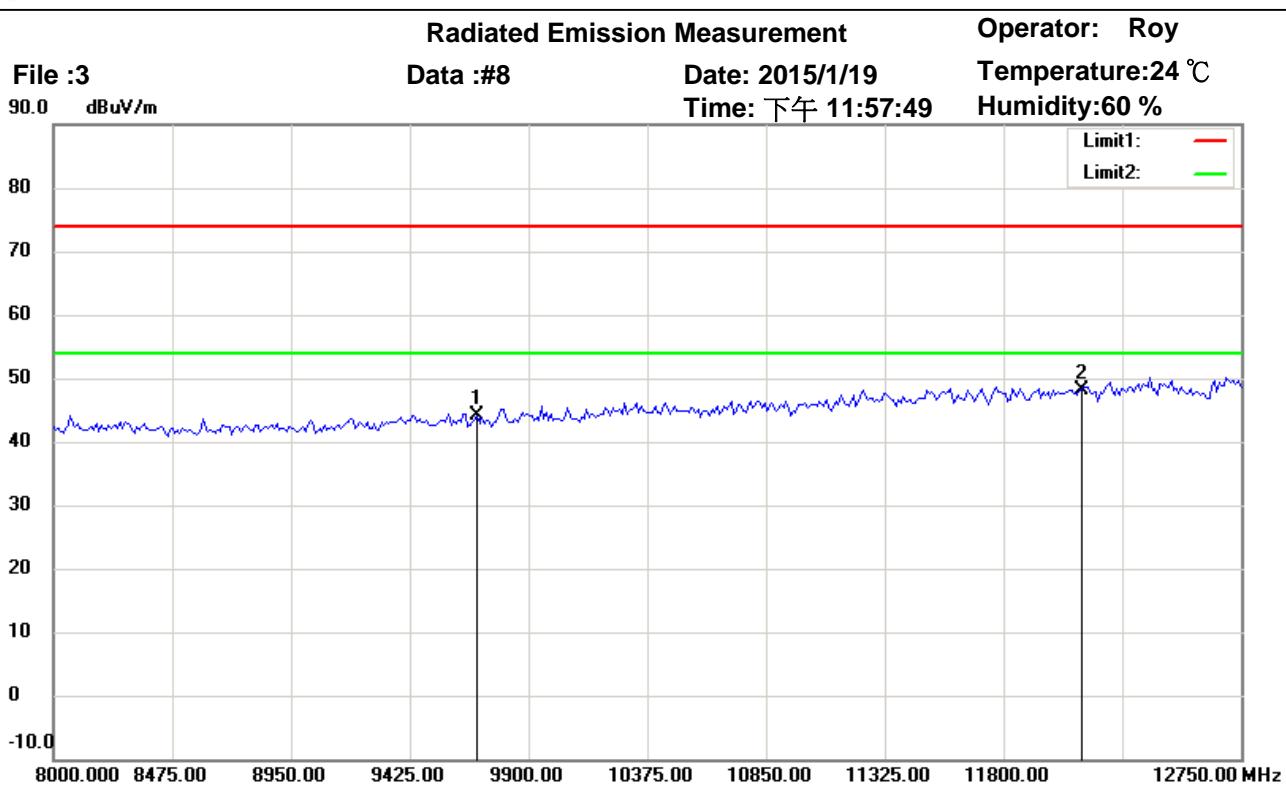
Test Mode : TX 802.11n 40M CH1

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	35.57	peak	7.36	42.93	74.00	100	230	-31.07	
*	12110.000	34.79	peak	13.50	48.29	74.00	100	110	-25.71	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

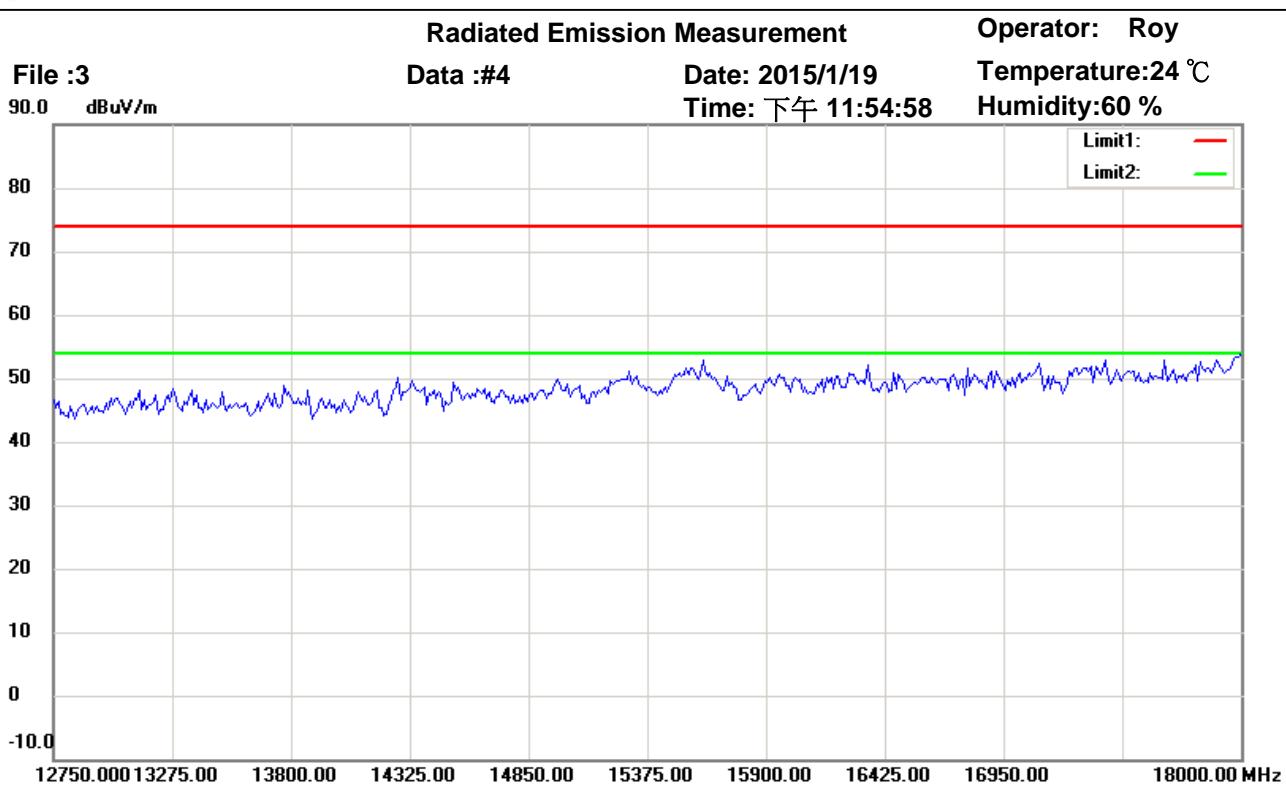
Test Mode : TX 802.11n 40M CH1

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	36.82	peak	7.36	44.18	74.00	100	130	-29.82	
*	12110.000	34.70	peak	13.50	48.20	74.00	100	55	-25.80	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

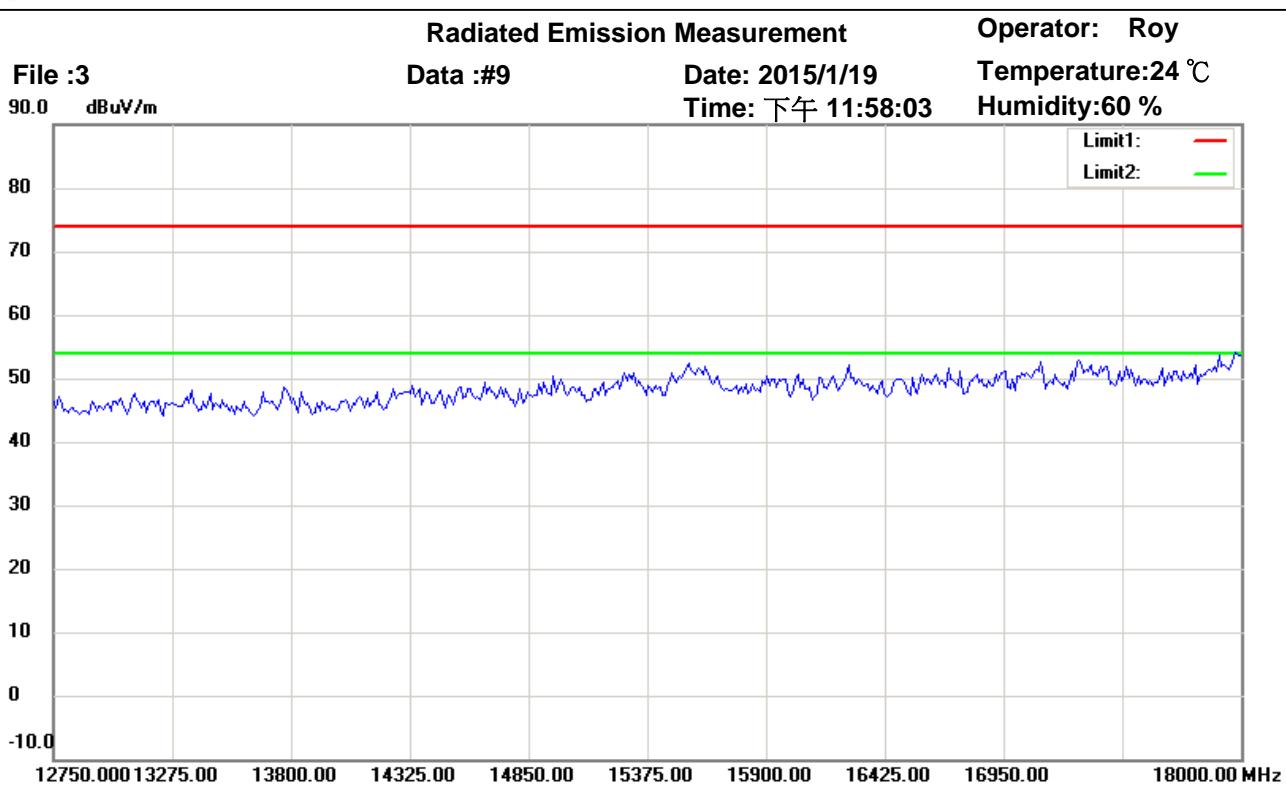
Test Mode : TX 802.11n 40M CH1

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

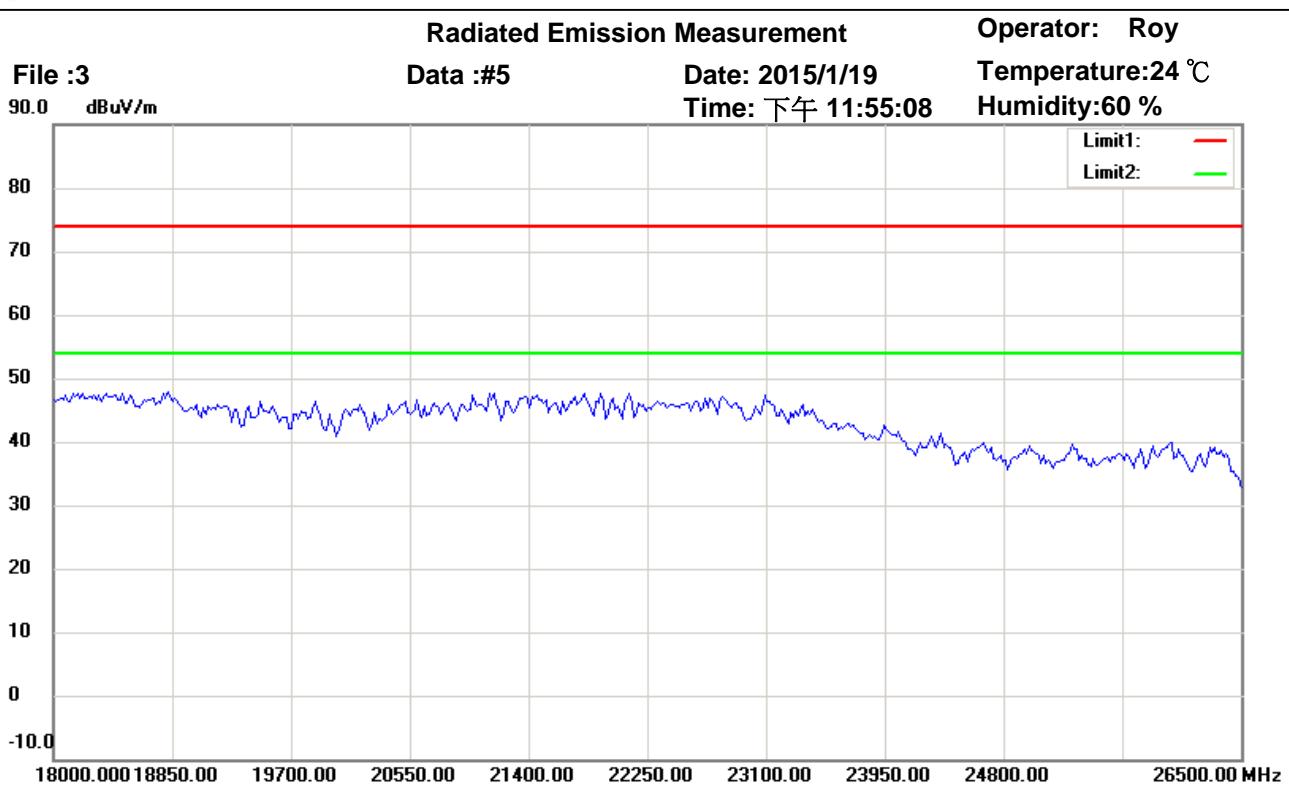
Test Mode : TX 802.11n 40M CH1

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

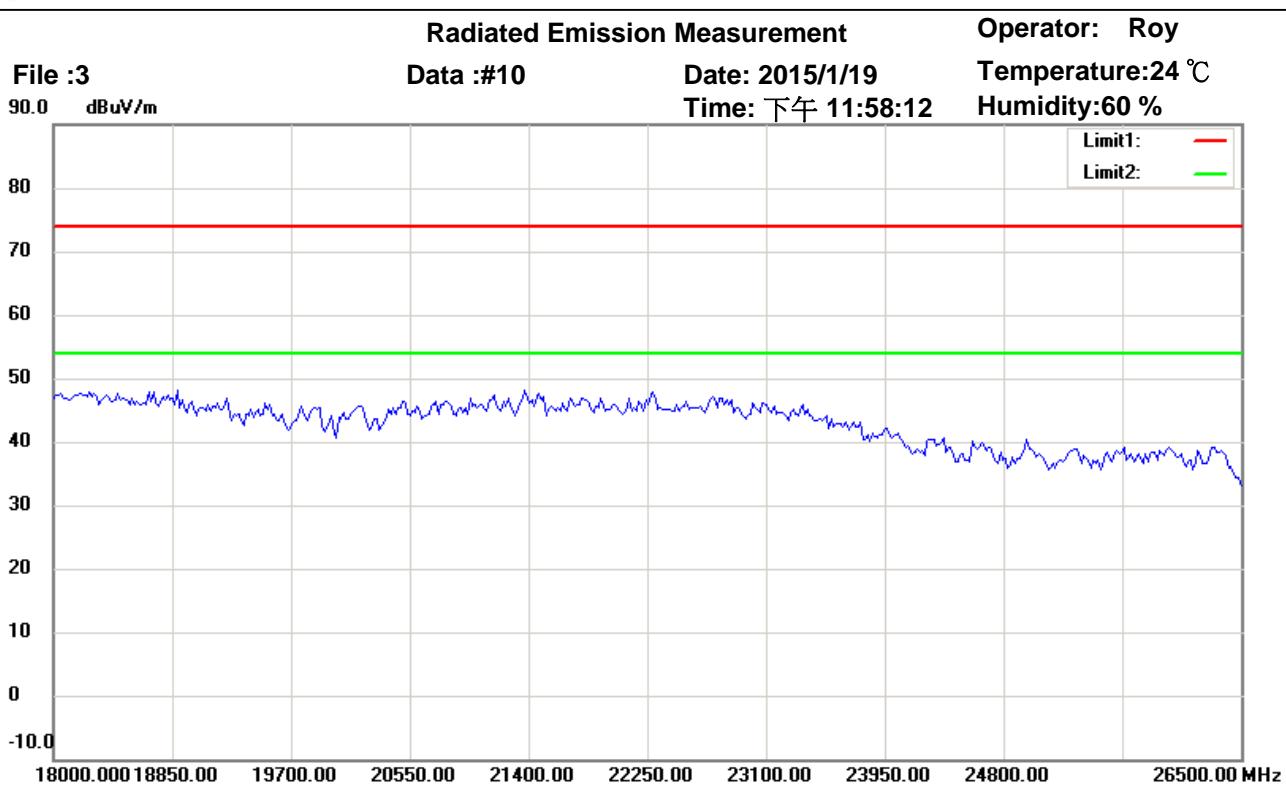
Test Mode : TX 802.11n 40M CH1

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

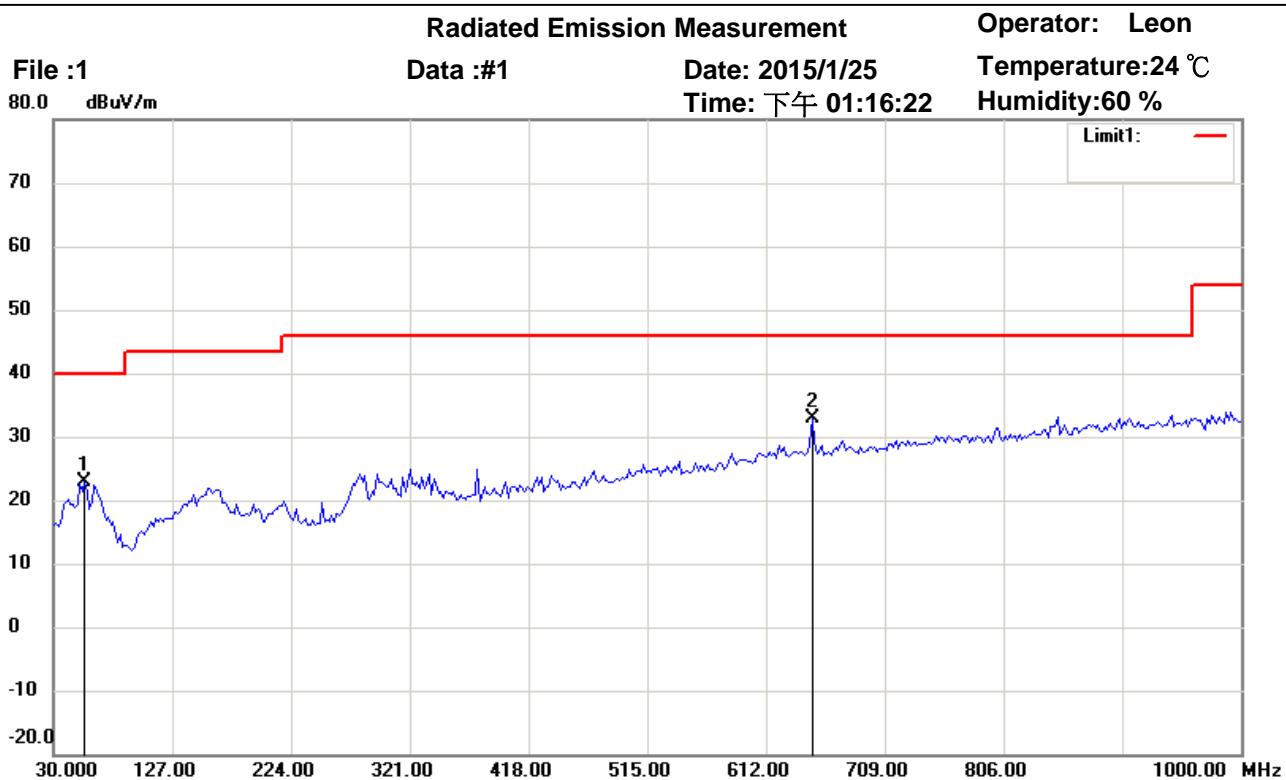
Test Mode : TX 802.11n 40M CH1

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
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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

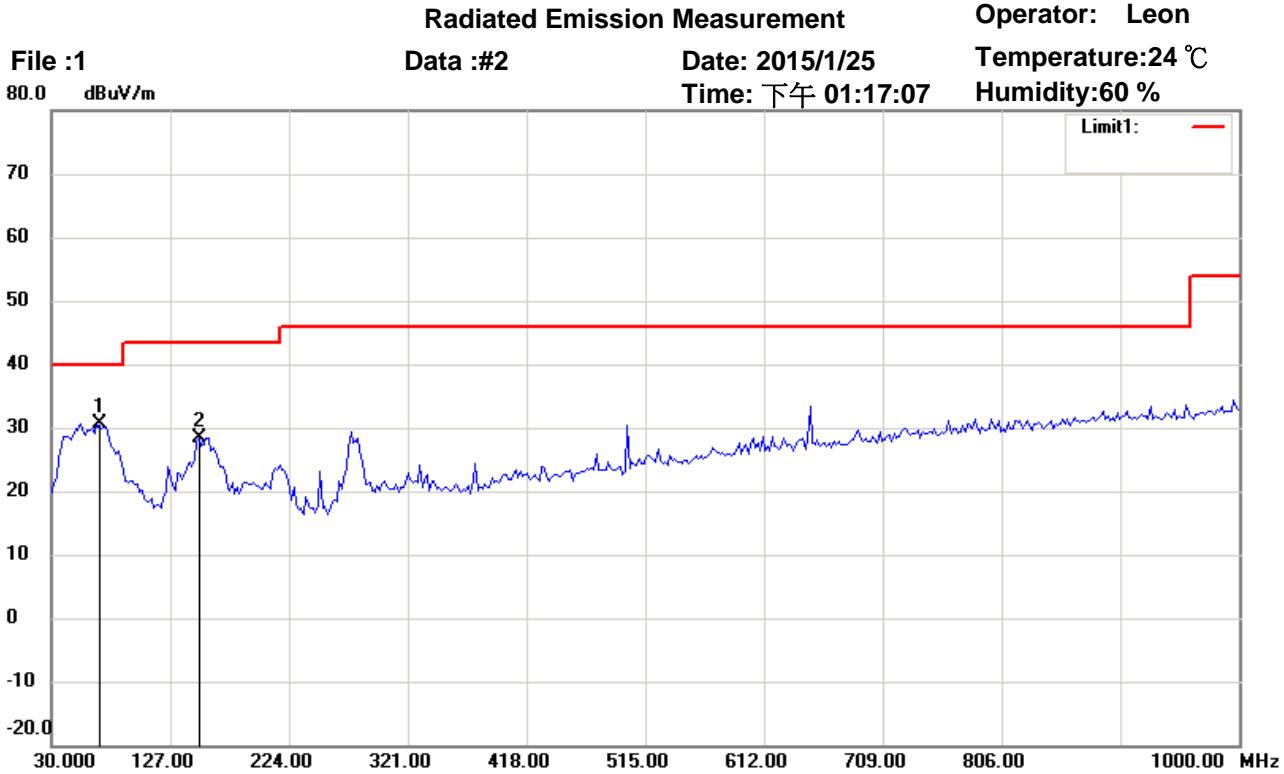
Test Mode : TX 802.11n 40M CH4

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
	55.2704	9.07	peak	13.82	22.89	40.00	100	65	-17.11	
*	650.1001	8.36	peak	24.56	32.92	46.00	100	175	-13.08	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

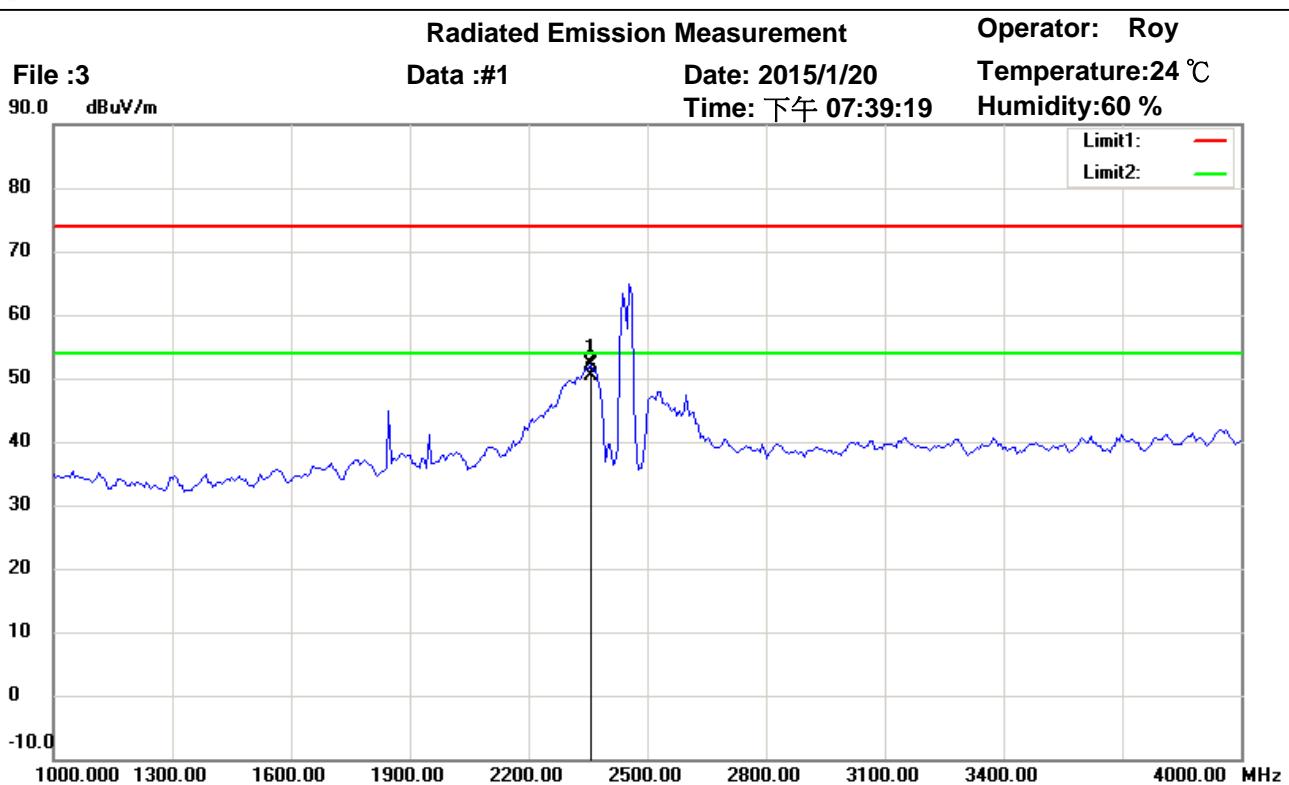
Test Mode : TX 802.11n 40M CH4

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
*	66.9340	18.42	peak	12.28	30.70	40.00	100	135	-9.30	
	150.5210	12.97	peak	15.50	28.47	43.50	100	160	-15.03	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

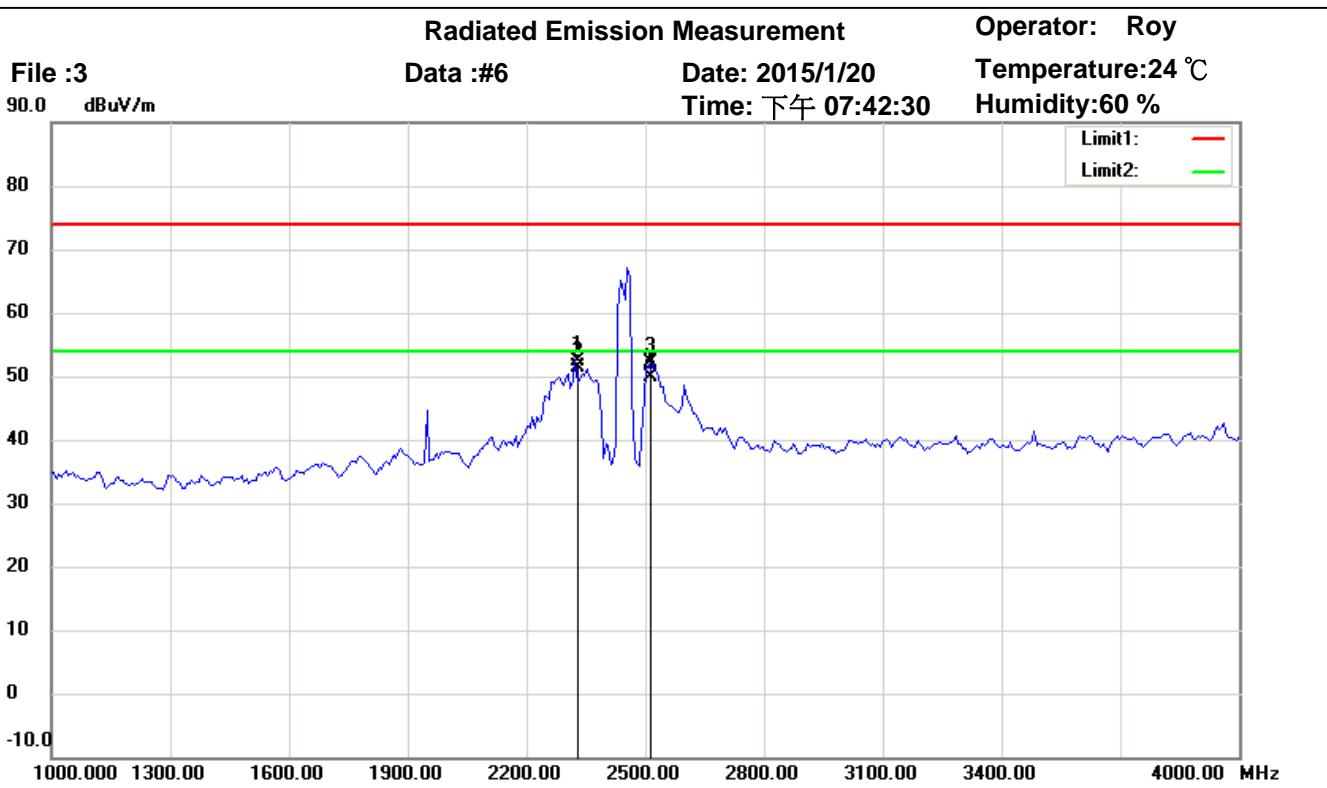
Test Mode : TX 802.11n 40M CH4

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
	2355.978	56.99	peak	-4.92	52.07	74.00	100	270	-21.93	
*	2355.978	55.33	AVG	-4.92	50.41	54.00	100	270	-3.59	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

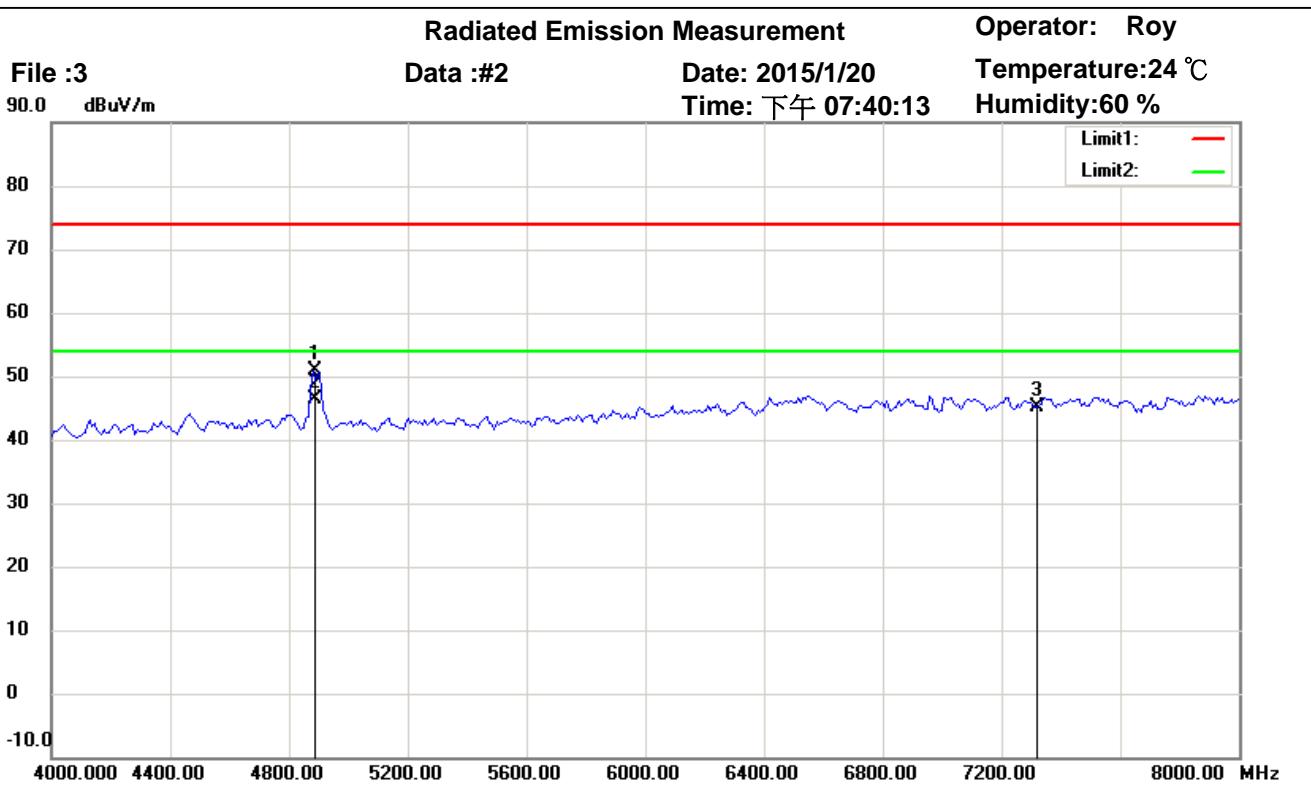
Test Mode : TX 802.11n 40M CH4

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
	2325.206	57.45	peak	-5.06	52.39	74.00	100	225	-21.61	
*	2325.206	56.52	AVG	-5.06	51.46	54.00	100	225	-2.54	
	2514.270	56.67	peak	-4.53	52.14	74.00	100	120	-21.86	
	2514.270	54.36	AVG	-4.53	49.83	54.00	100	120	-4.17	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

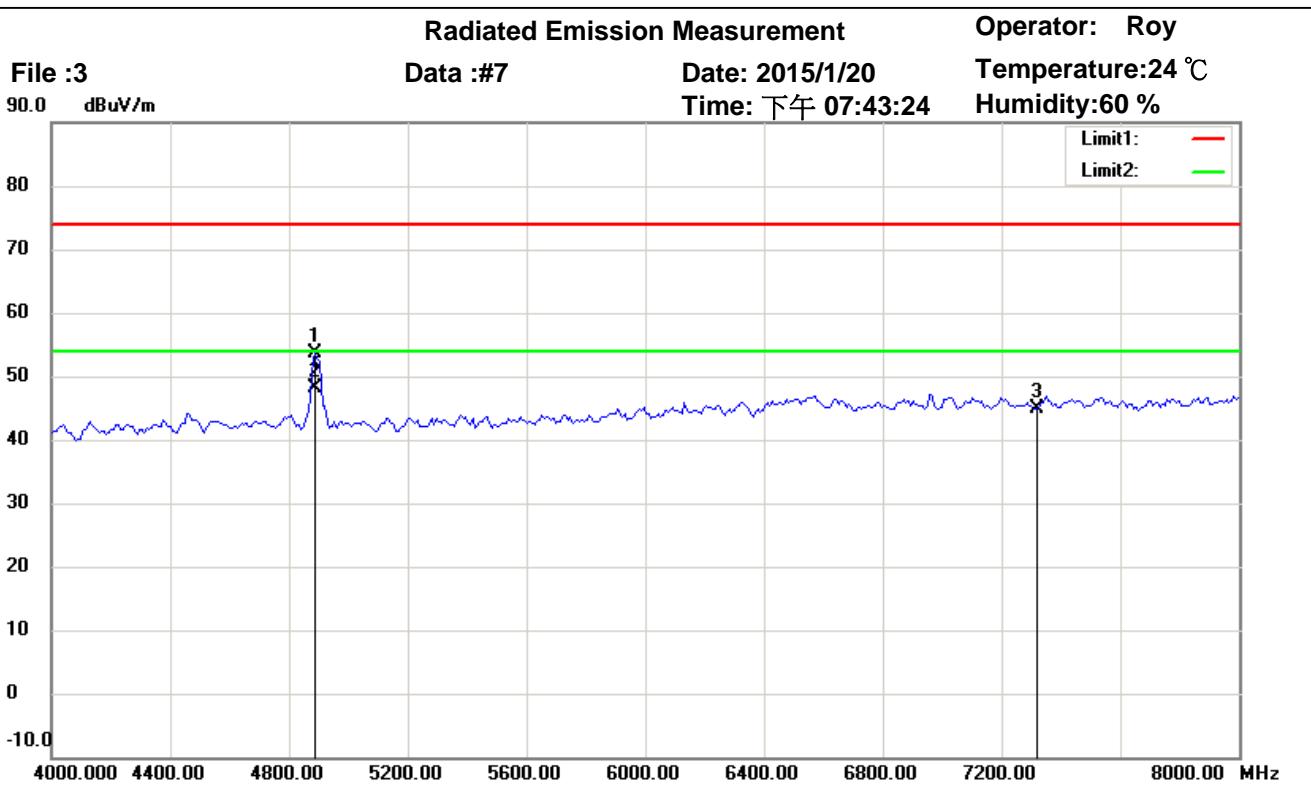
Test Mode : TX 802.11n 40M CH4

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
	4885.355	50.20	peak	0.75	50.95	74.00	100	236	-23.05	
*	4885.355	45.59	AVG	0.75	46.34	54.00	100	236	-7.66	
	7311.000	40.83	peak	4.39	45.22	74.00	100	230	-28.78	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

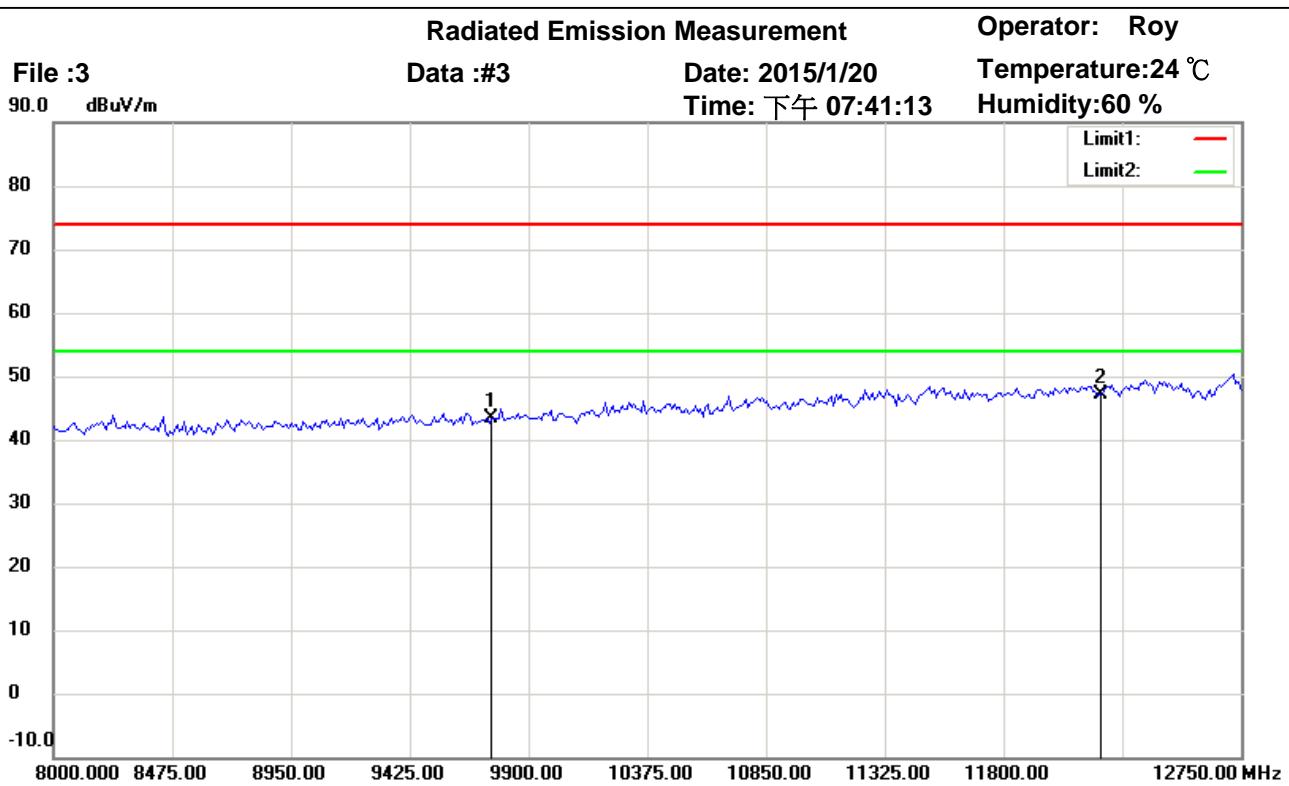
Test Mode : TX 802.11n 40M CH4

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
	4886.424	52.85	peak	0.75	53.60	74.00	100	236	-20.40	
*	4886.424	47.32	AVG	0.75	48.07	54.00	100	236	-5.93	
	7311.000	40.52	peak	4.39	44.91	74.00	100	40	-29.09	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

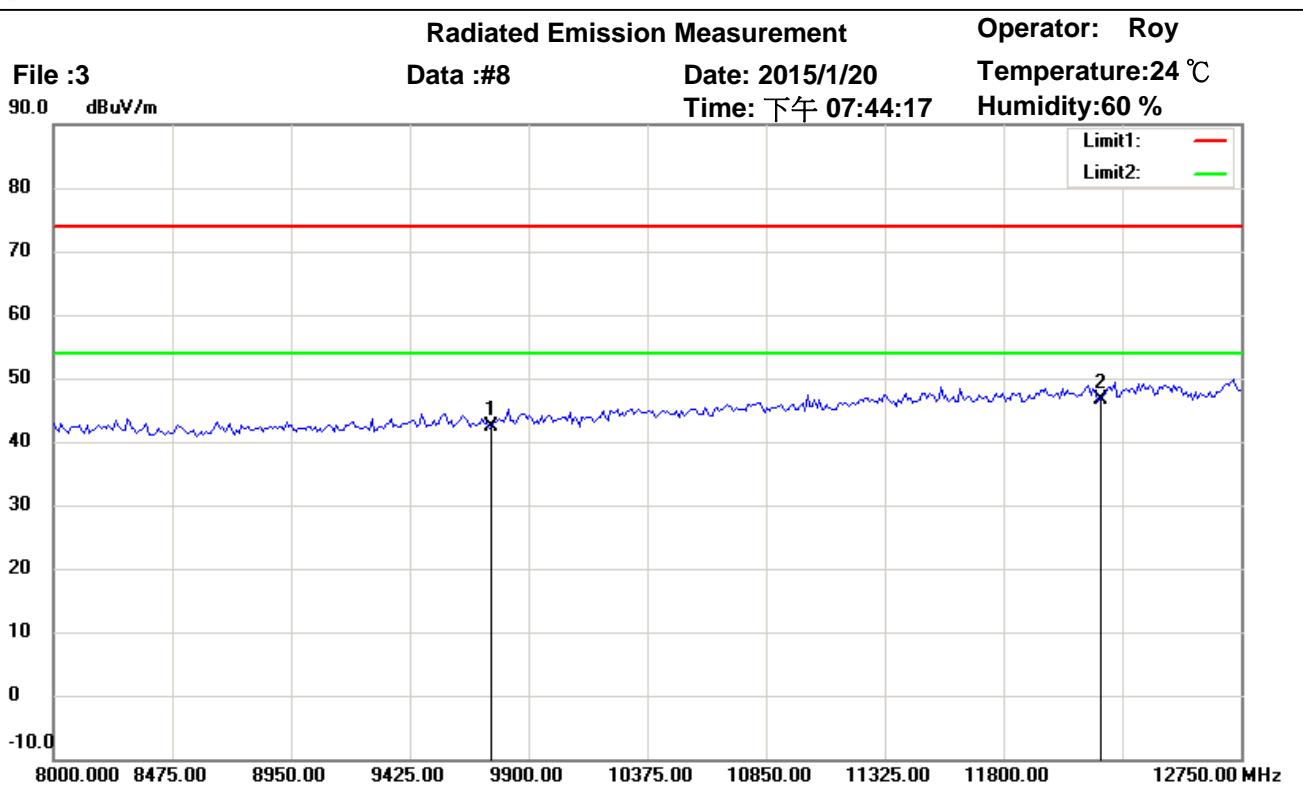
Test Mode : TX 802.11n 40M CH4

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	35.85	peak	7.58	43.43	74.00	100	250	-30.57	
*	12185.000	33.46	peak	13.77	47.23	74.00	100	110	-26.77	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: Vertical

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

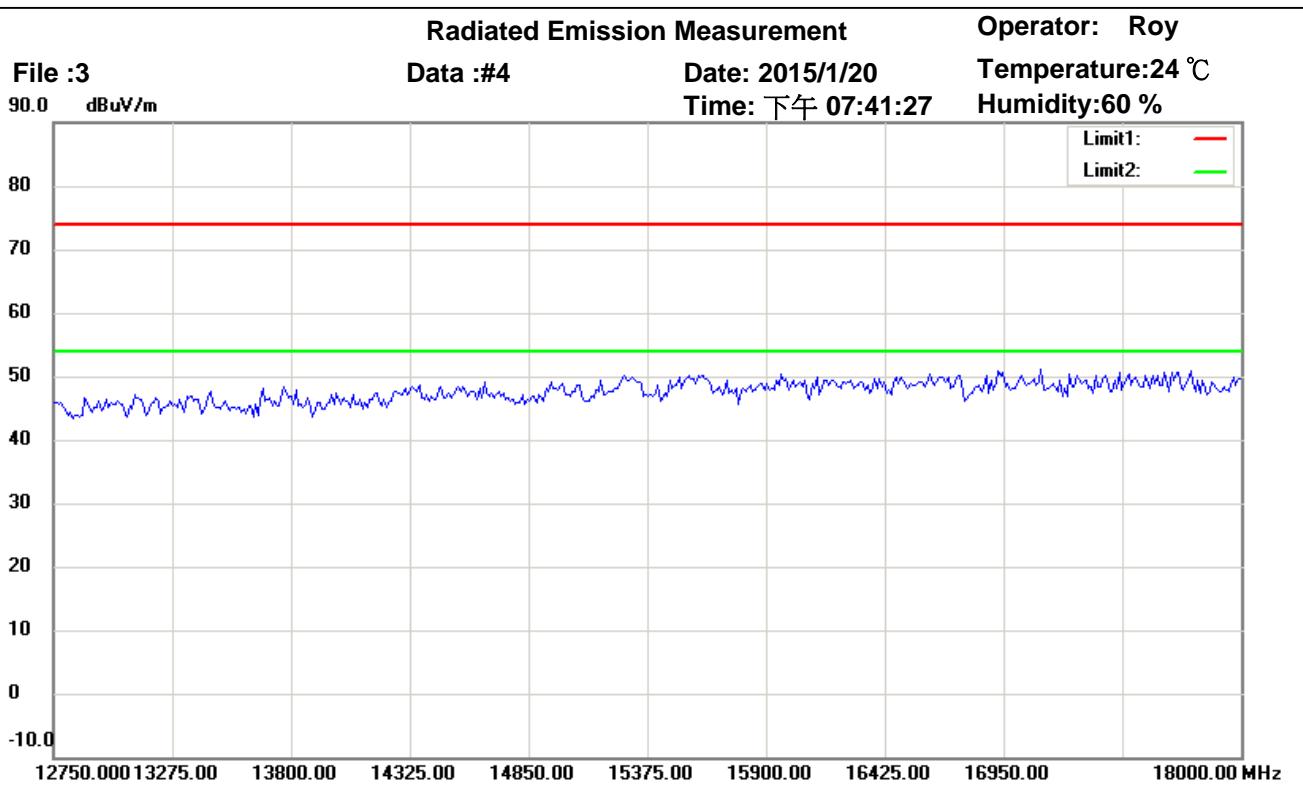
Test Mode : TX 802.11n 40M CH4

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	34.90	peak	7.58	42.48	74.00	100	220	-31.52	
*	12185.000	32.92	peak	13.77	46.69	74.00	100	310	-27.31	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

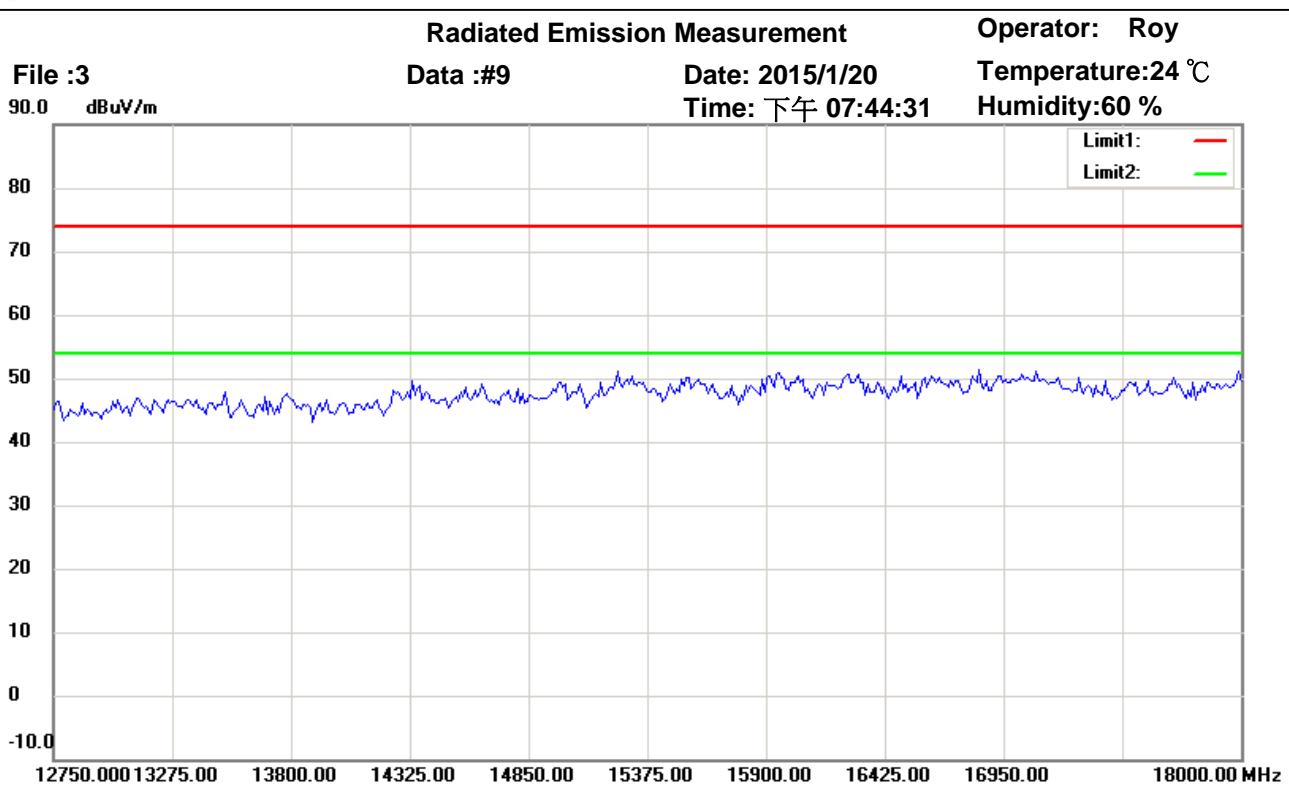
Test Mode : TX 802.11n 40M CH4

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

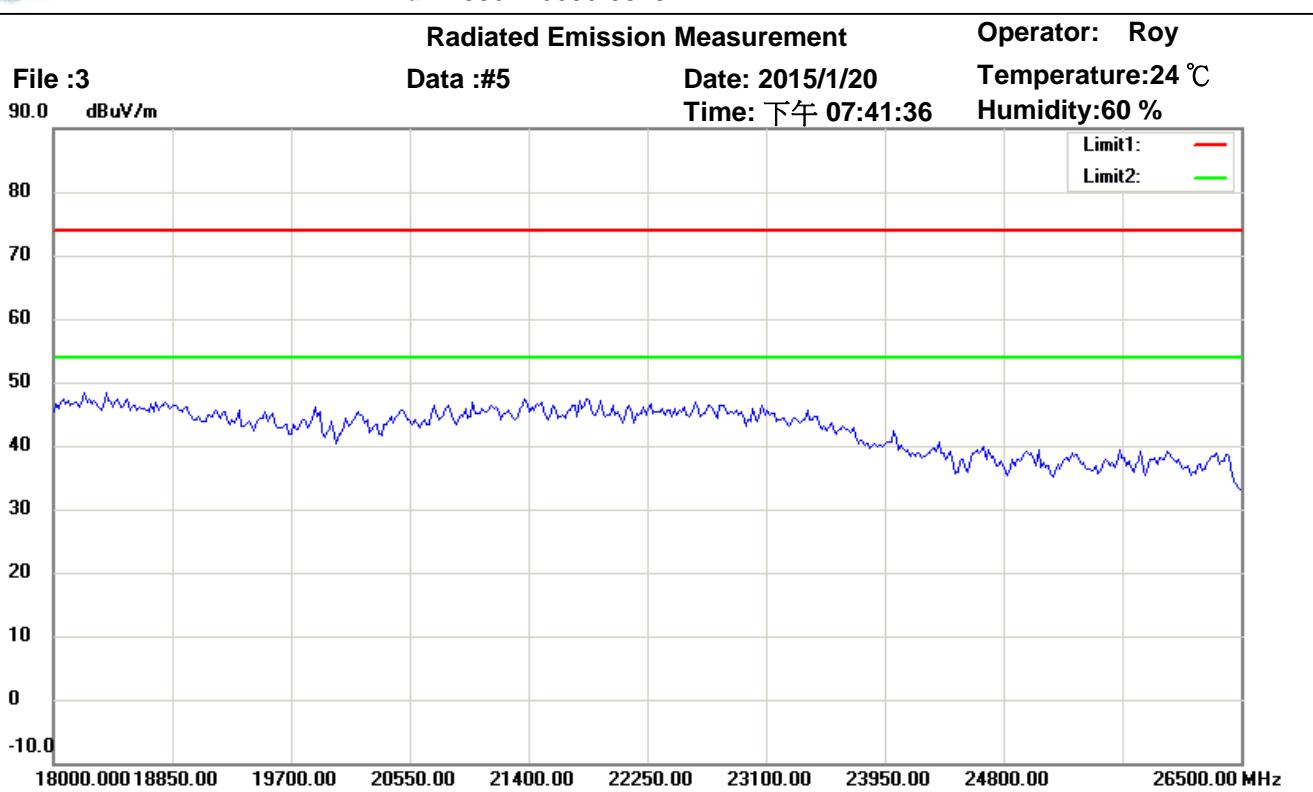
Test Mode : TX 802.11n 40M CH4

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

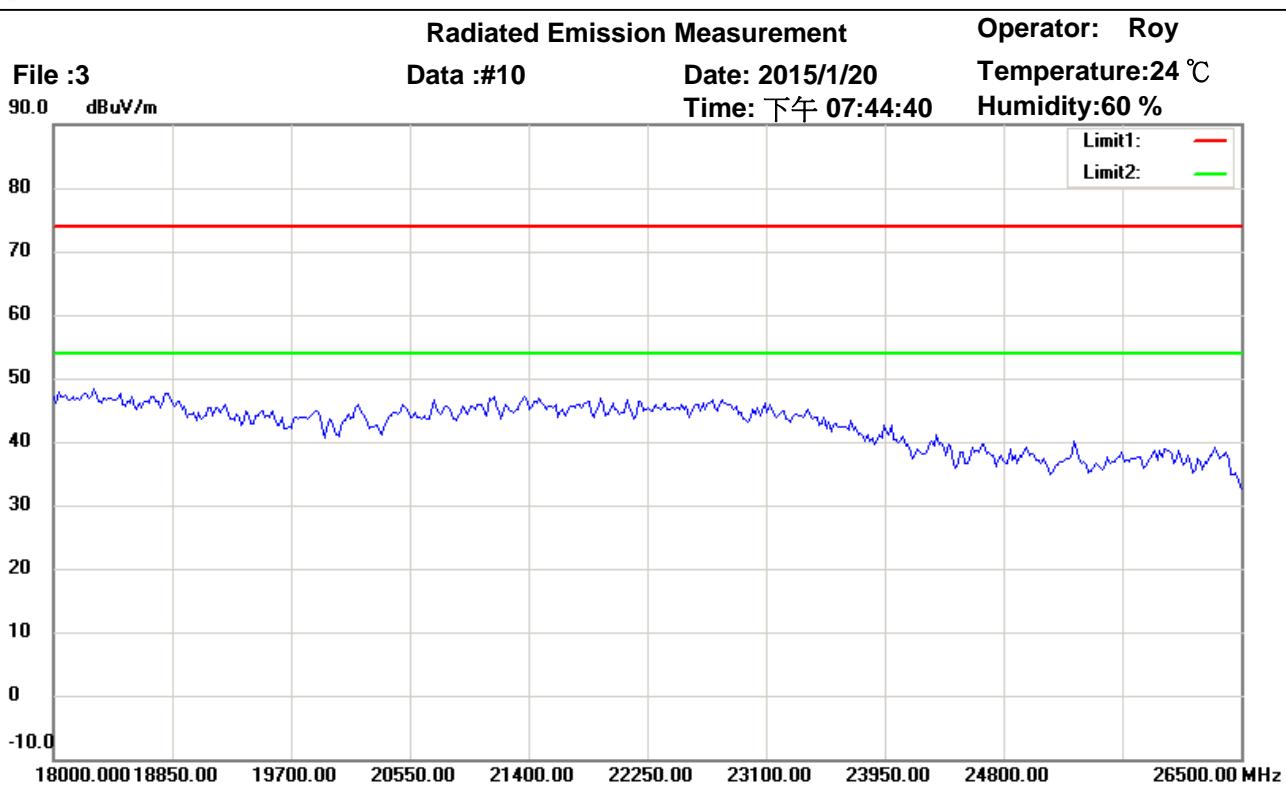
Test Mode : TX 802.11n 40M CH4

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

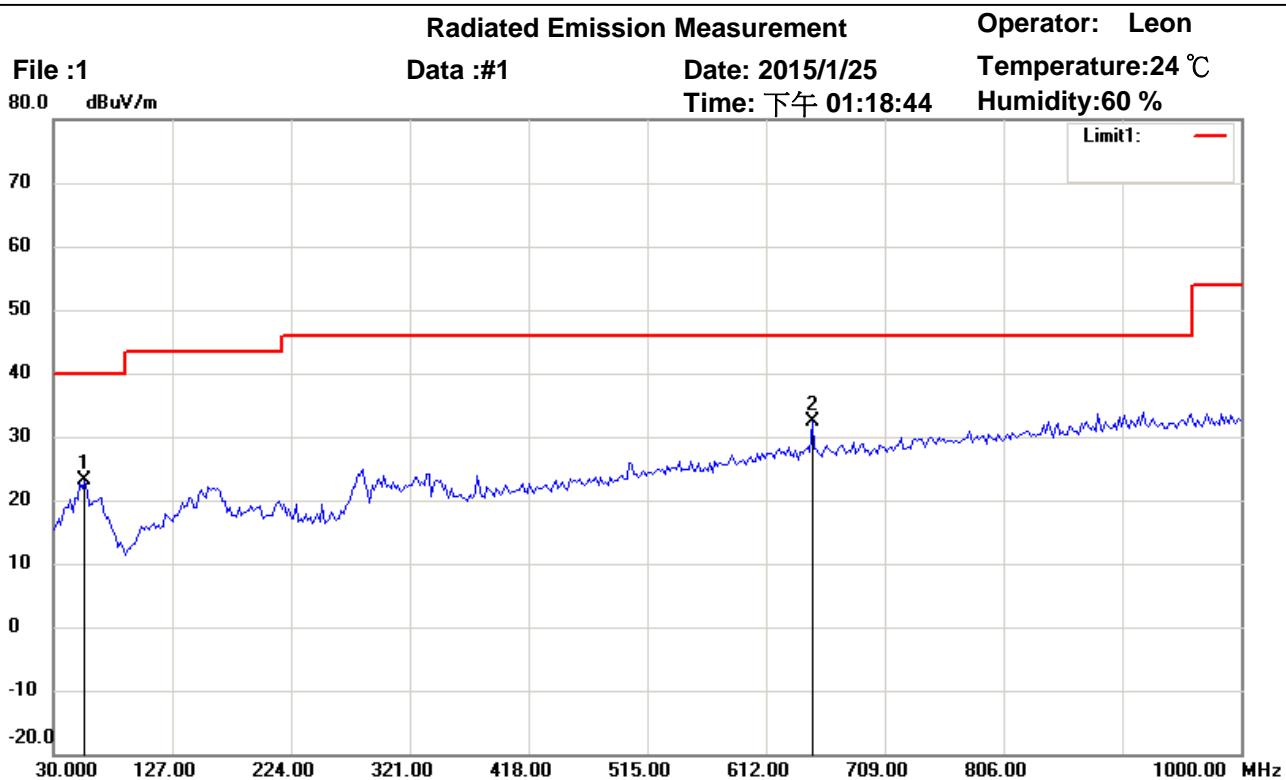
Test Mode : TX 802.11n 40M CH4

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

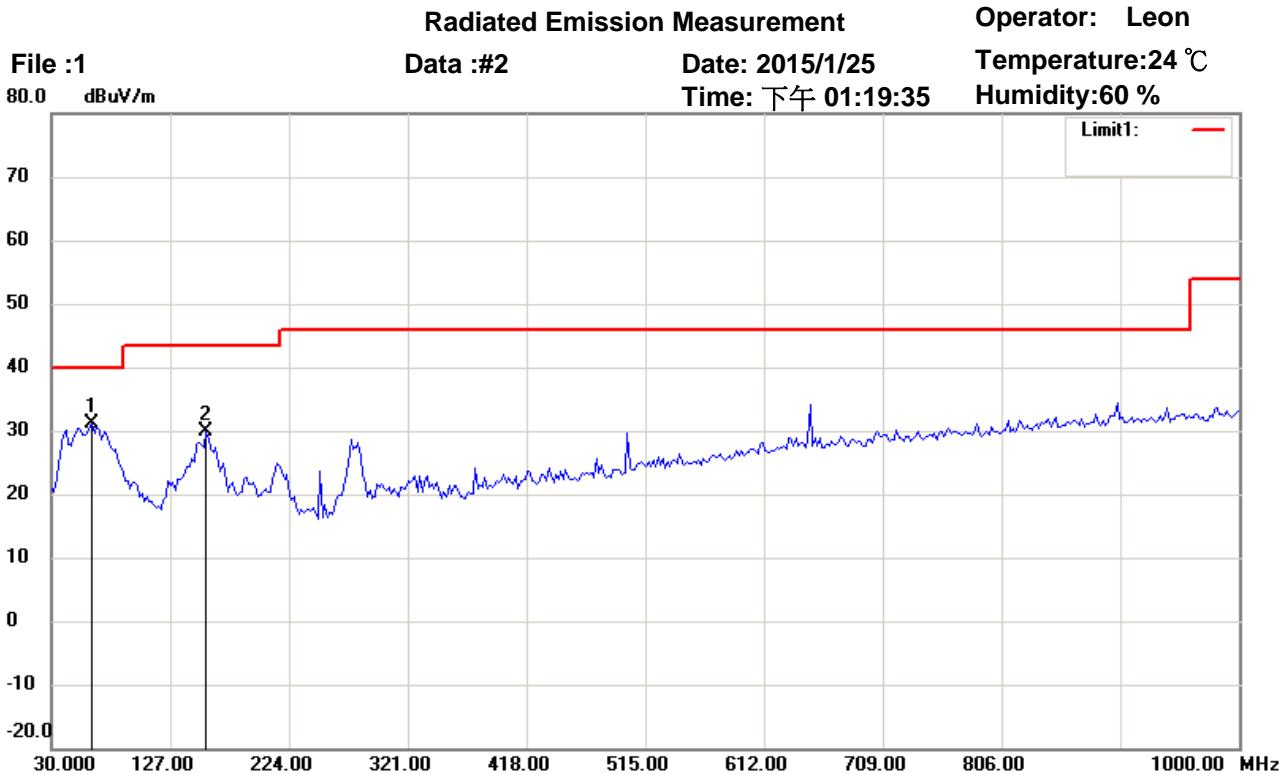
Test Mode : TX 802.11n 40M CH7

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
	55.2704	9.25	peak	13.82	23.07	40.00	100	165	-16.93	
*	650.1001	7.87	peak	24.56	32.43	46.00	100	130	-13.57	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_30-1000MHz

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

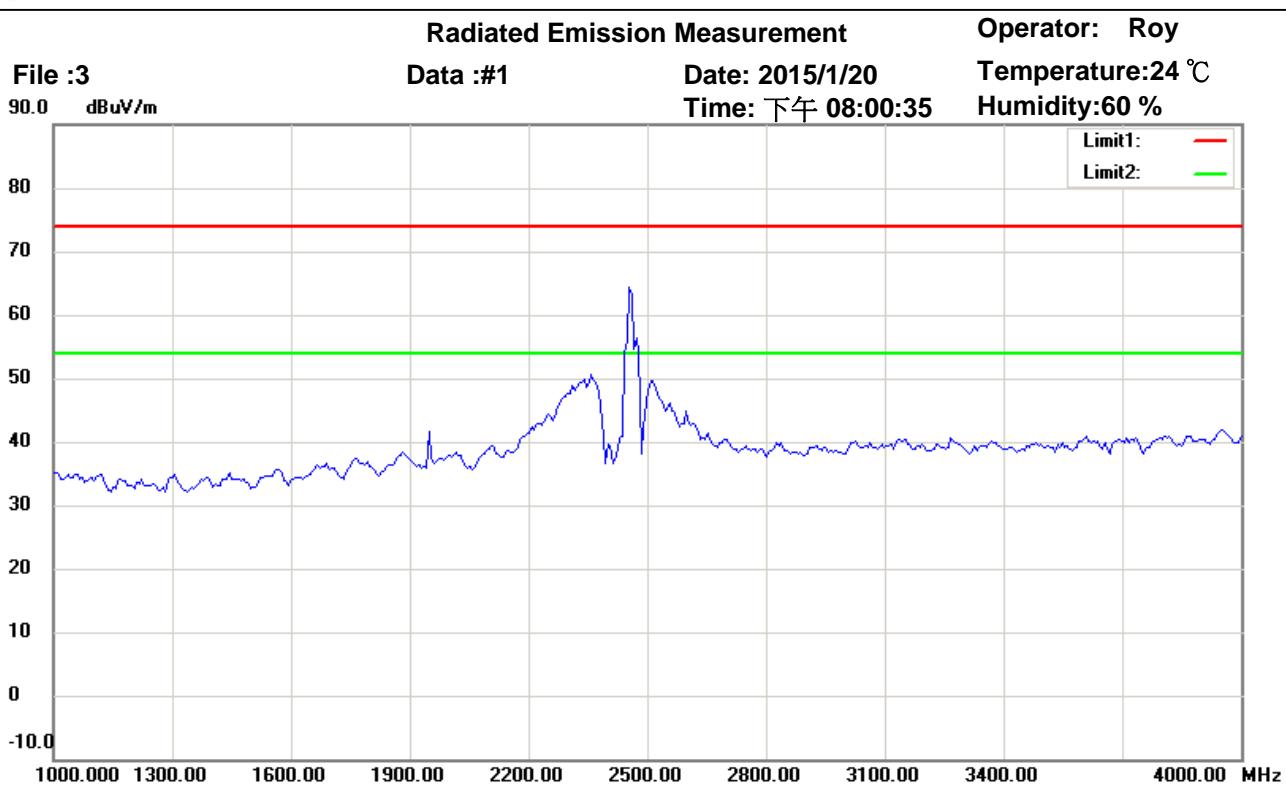
Test Mode : TX 802.11n 40M CH7

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
*	63.0461	18.51	peak	12.74	31.25	40.00	100	140	-8.75	
	156.3527	14.34	peak	15.49	29.83	43.50	100	165	-13.67	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

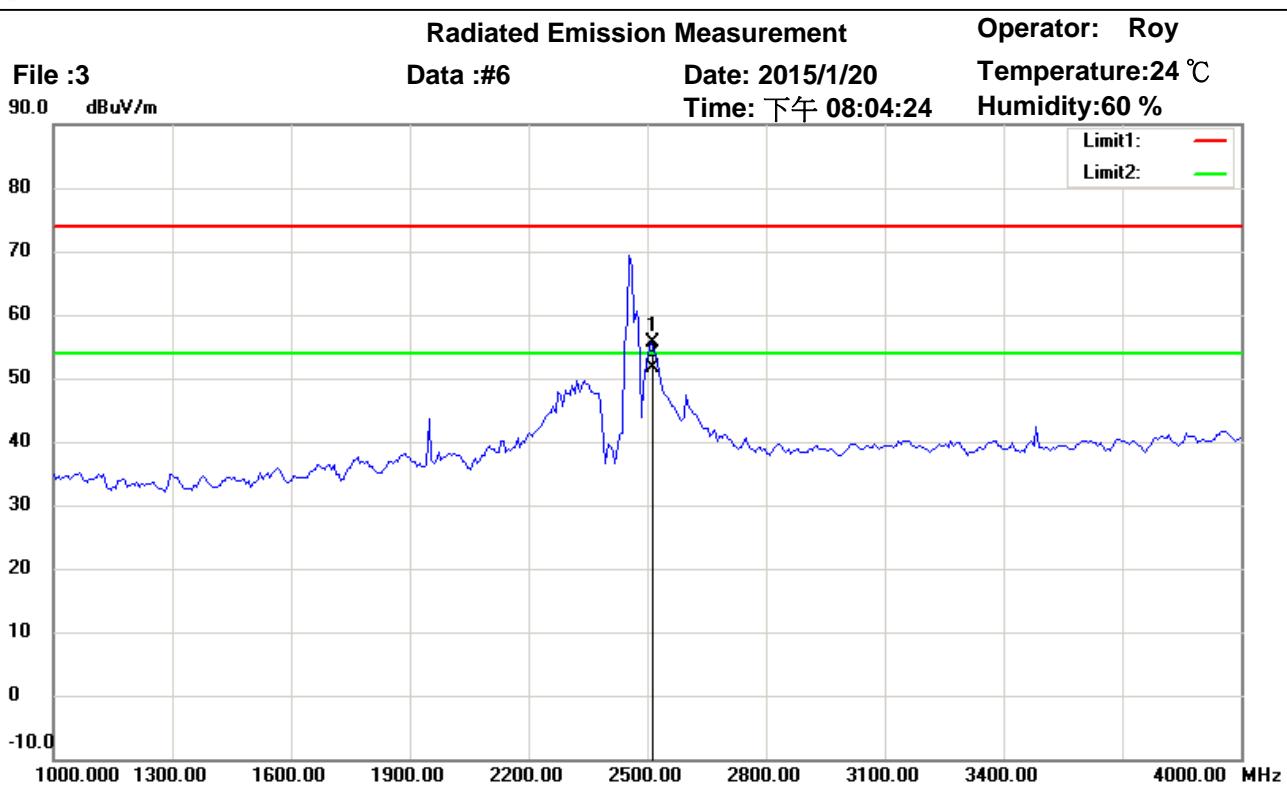
Test Mode : TX 802.11n 40M CH7

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

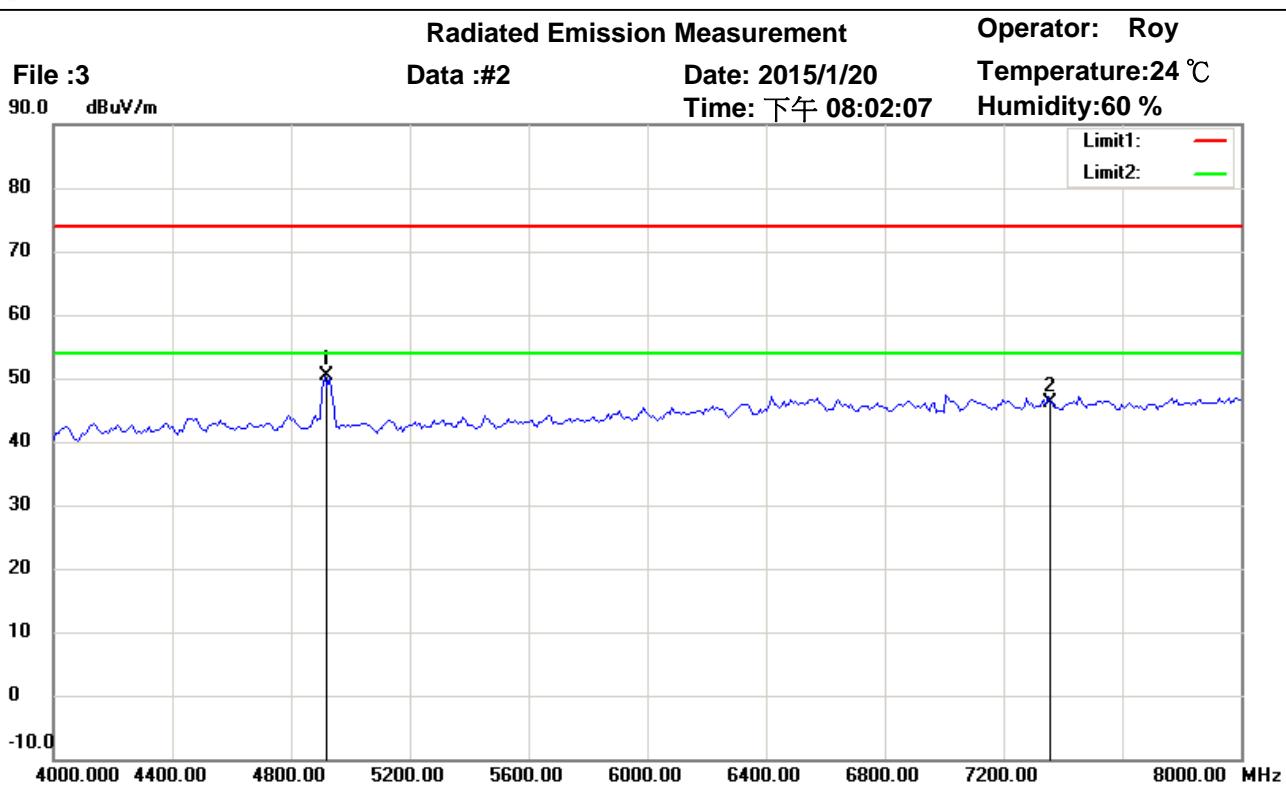
Test Mode : TX 802.11n 40M CH7

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
	2514.140	60.12	peak	-4.53	55.59	74.00	100	190	-18.41	
*	2514.140	56.09	AVG	-4.53	51.56	54.00	100	190	-2.44	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

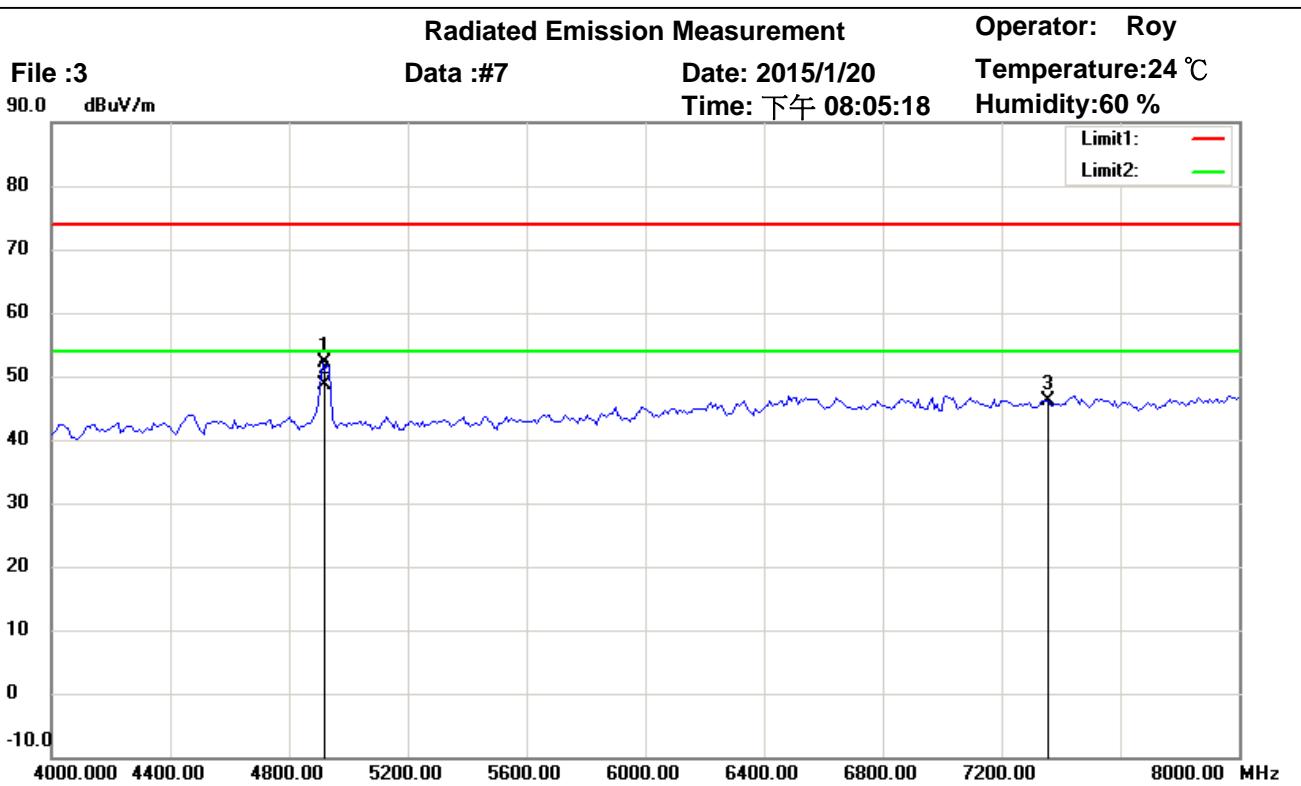
Test Mode : TX 802.11n 40M CH7

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
*	4913.828	49.54	peak	0.79	50.33	74.00	100	210	-23.67	
	7356.000	41.66	peak	4.58	46.24	74.00	100	50	-27.76	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

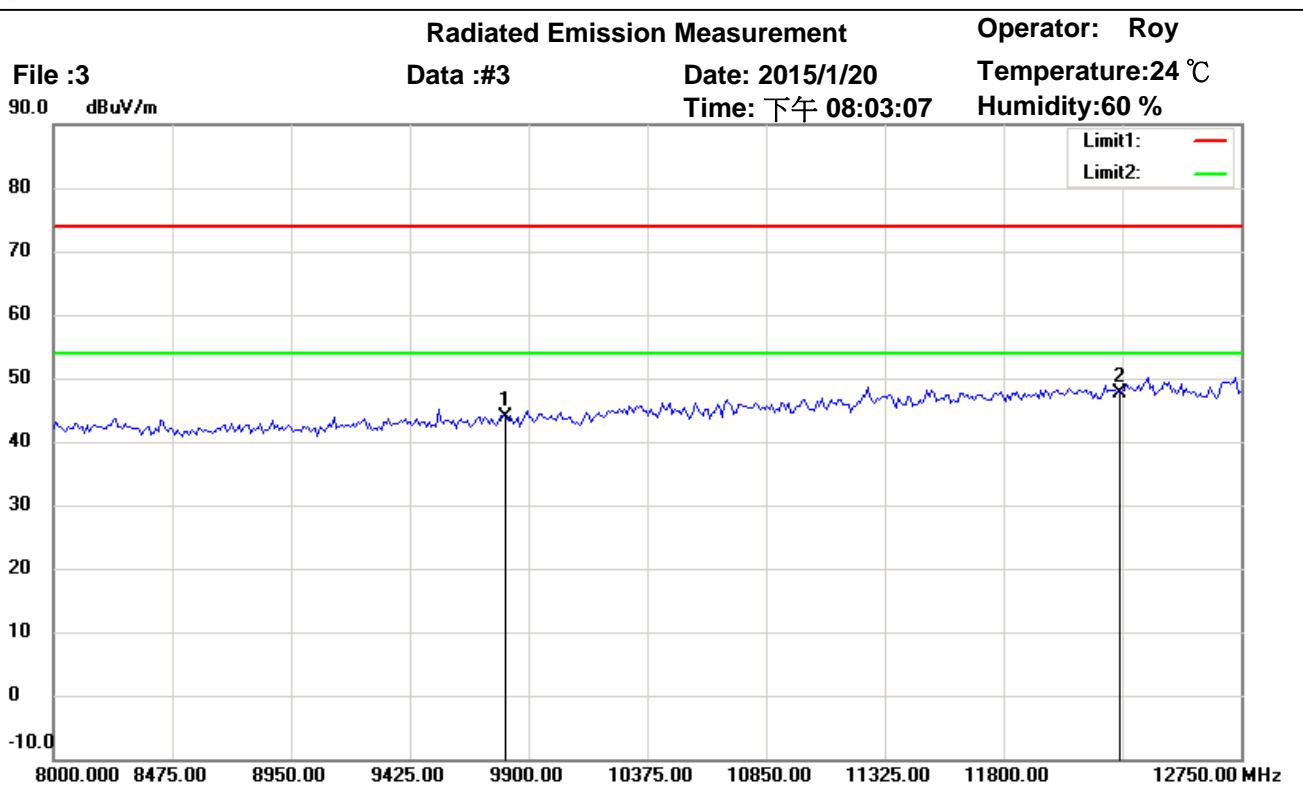
Test Mode : TX 802.11n 40M CH7

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
	4916.700	51.29	peak	0.79	52.08	74.00	100	232	-21.92	
*	4916.700	47.77	AVG	0.79	48.56	54.00	100	232	-5.44	
	7356.000	41.53	peak	4.58	46.11	74.00	100	130	-27.89	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

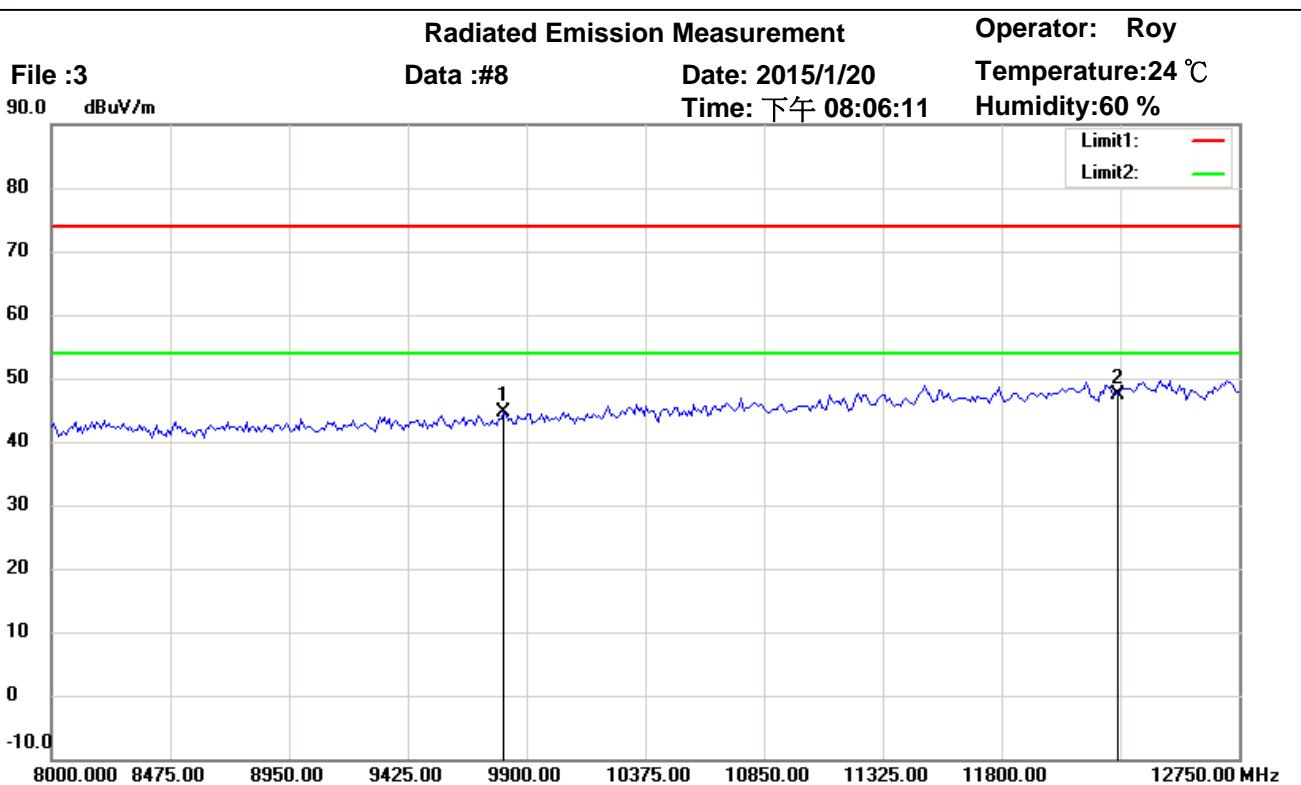
Test Mode : TX 802.11n 40M CH7

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	36.12	peak	7.88	44.00	74.00	100	140	-30.00	
*	12260.000	33.98	peak	13.64	47.62	74.00	100	70	-26.38	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

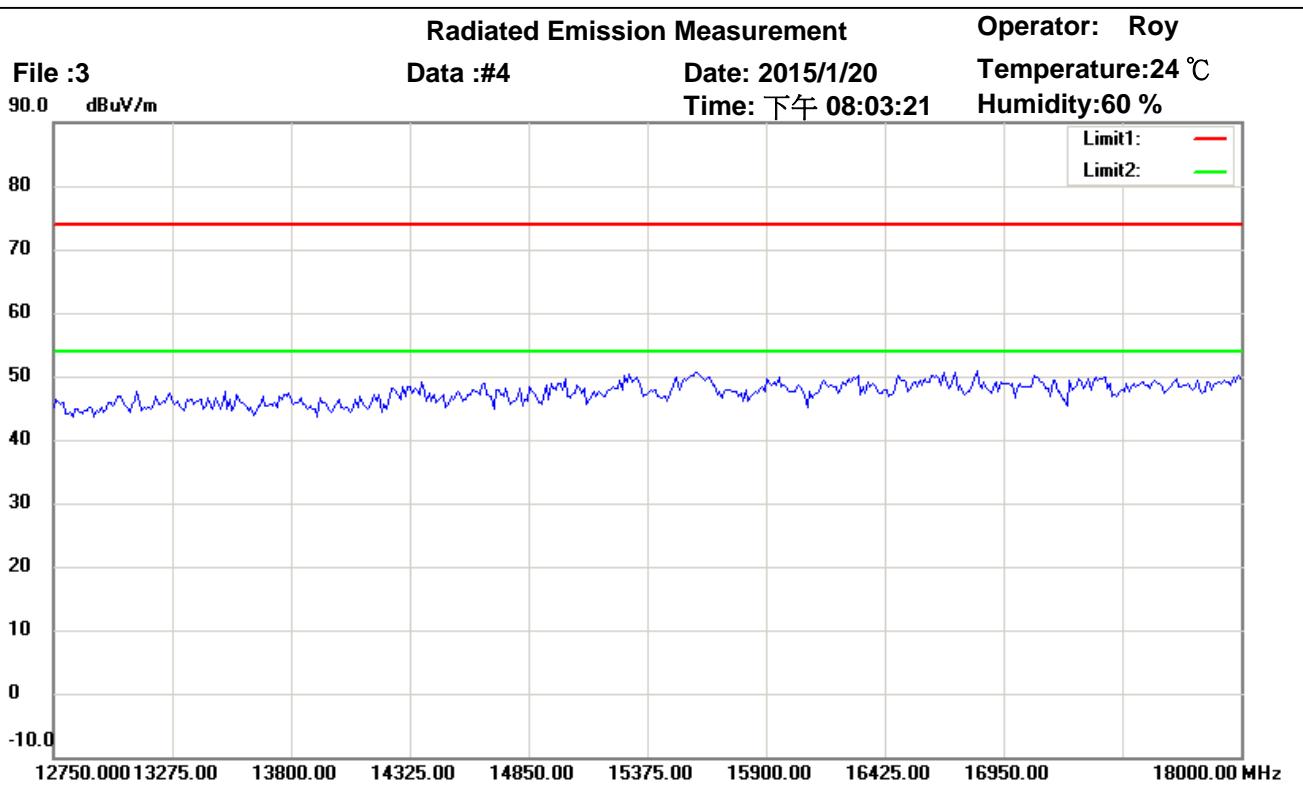
Test Mode : TX 802.11n 40M CH7

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	220	-29.43	
*	12260.000	33.62	peak	13.64	47.26	74.00	100	160	-26.74	



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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

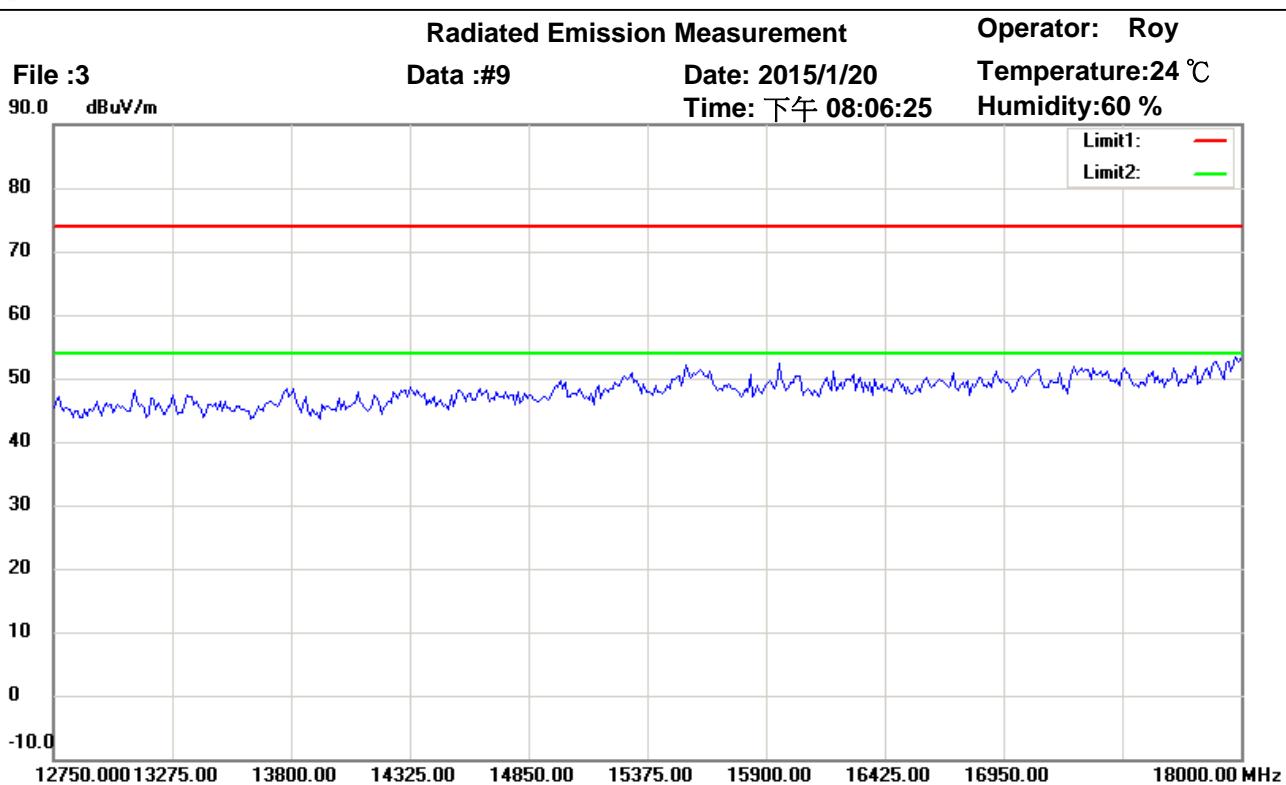
Test Mode : TX 802.11n 40M CH7

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

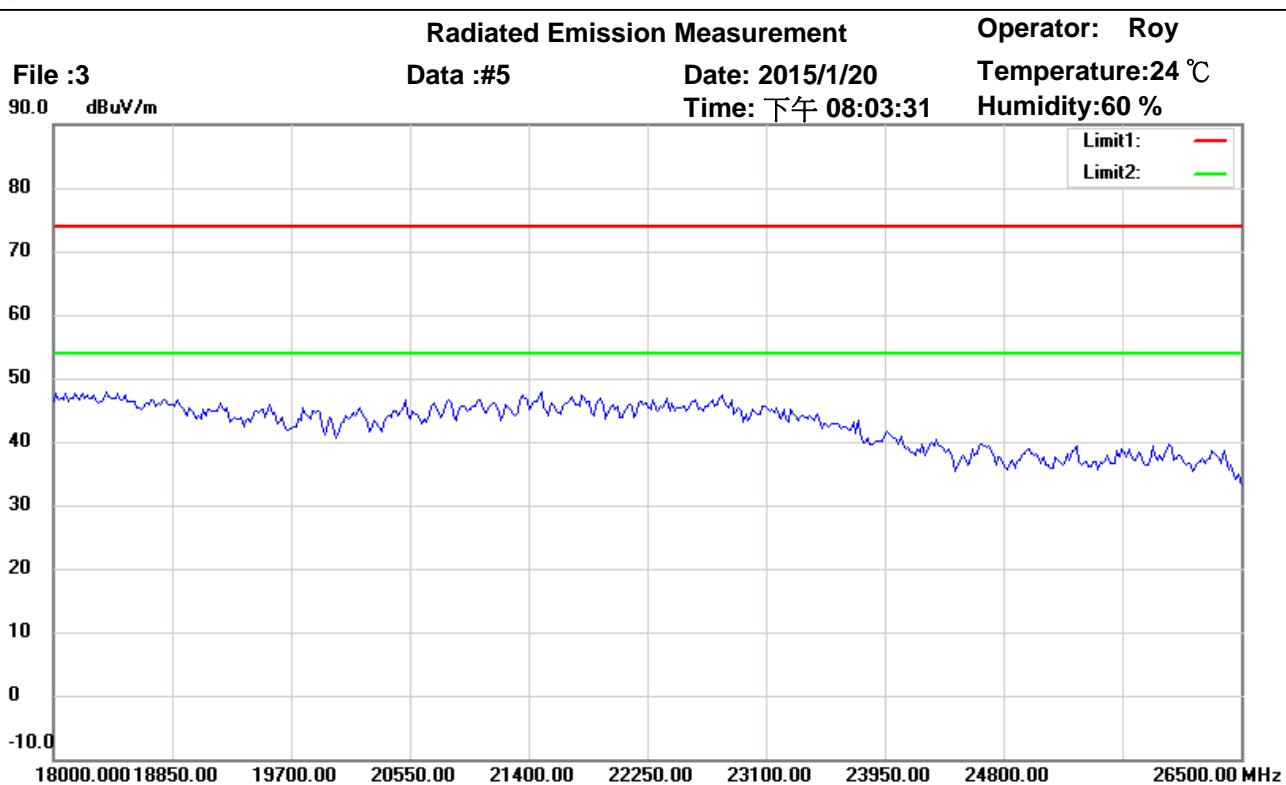
Test Mode : TX 802.11n 40M CH7

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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Site : Chamber

Condition : FCC_part 15 RE-Class C_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21411-14659

Power : 120 V.a.c.

M/N:

Distance: 3m

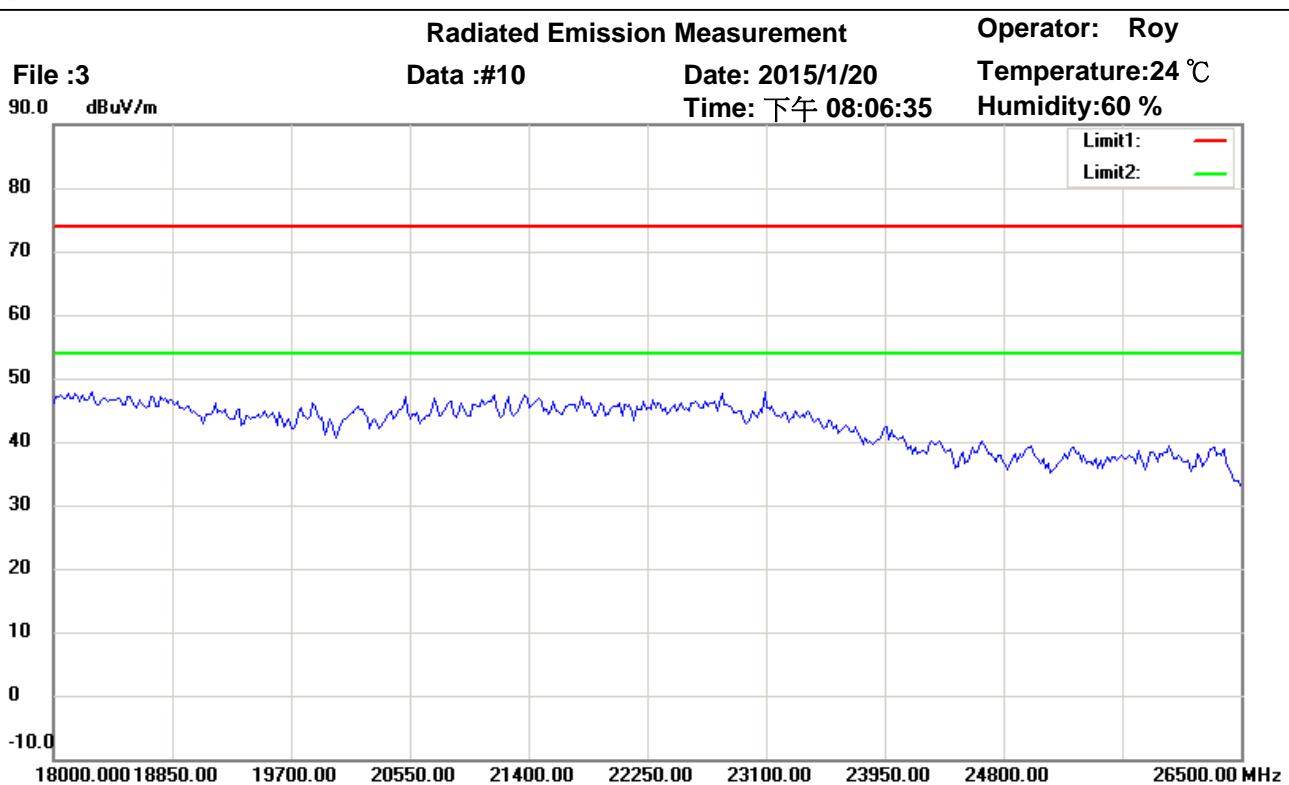
Test Mode : TX 802.11n 40M CH7

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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Note :

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