FCC PART 15 SUBPART E TEST REPORT

for

WiFi Module

Model No.: OWMH-DS6311-01

FCC ID: WHD-OWMHDS6311-01

of

Applicant: ORing Industrial Networking Corp.
Address: 3F., No.542-2, Zhongzheng Rd., Xindian Dist.,
New Taipei City 23148, Taiwan (R.O.C)

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: TW1477, TW0020, TW1072

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

A2LA Accredited No.: 2732.01

Report No.: W6M21811-18613-C-54

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

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

TABLE OF CONTENTS

1 GENERAL INFORMATION 2

1.1 NOTES 2
1.2 TESTING LABORATORY 3
1.2.1 Location 3
1.2.2 Details of accreditation status 3
1.3 DETAILS OF APPROVAL HOLDER 3
1.4 APPLICATION DETAILS 3
1.5 GENERAL INFORMATION OF TEST ITEM 4
1.6 TEST STANDARDS 7

2 TECHNICAL TEST 8

2.1 SUMMARY OF TEST RESULTS 8
2.2 TEST ENVIRONMENT 8
2.3 TEST EQUIPMENT LIST 9
2.4 TEST PROCEDURE 12

3 TEST RESULTS (ENCLOSURE) 15

3.1 PEAK TRANSMIT POWER, FCC 15.407 (A) 16
3.2 26DB EMISSION BANDWIDTH, 99% OCCUPIED BANDWIDTH, FCC 15.407 (A) 34
3.3 6DB EMISSION BANDWIDTH, 99% OCCUPIED BANDWIDTH, FCC 15.407 (A) 43
3.4 PEAK POWER SPECTRAL DENSITY, FCC 15.407 (A) 52
3.5 UNDESIRABLE EMISSION LIMITS, FCC 15.407 (B) 70
3.6 AUTOMATIC DISCONTINUATION OF TRANSMISSION, FCC 15.407 (C) 72
3.7 RESERVED, FCC 15.407 (D) 72
3.8 INDOOR OPERATION RESTRICTION, FCC 15.407 (E) 72
3.9 EQUIVALENT ISOTROPIC RADIATED POWER, FCC 15.407 (F) 73
3.10 RF EXPOSURE COMPLIANCE REQUIREMENTS 73
3.11 TRANSMIT POWER CONTROL (TPC) 75
3.12 RADIATED EMISSIONS FROM RECEIVER PART 76
3.13 POWER LINE CONDUCTED EMISSION 77

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 is performance generally conforms to representative cases of communications equipment.

The test results of this test report relate exclusively to the item tested as specified in 1.5.
The test report may only be reproduced or published in full.
Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services(Taiwan) Co., Ltd.

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

Tester:

Date	WTS-Lab.	Name	Signature
December 26, 2018		Sora Kuo	Sora

Technical responsibility for area of testing:

Date	WTS	Name	Signature
December 26, 2018		Kevin Wang	Kevin Wang

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

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. TW1477, TW0020, TW1072
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:	ORing Industrial Networking Corp.
Street:	3F., No.542-2, Zhongzheng Rd., Xindian Dist.,
Town:	New Taipei City 23148,
Country:	Taiwan (R.O.C)
Telephone:	+886-2-2218-1066
Fax:	+886-2-2218-1014

1.4 Application details

Date of receipt of test item:	December 05, 2018
Date of test:	from December 06, 2018 to December 26, 2018

1.5 General information of Test item

Type of test item:	WiFi Module
Model Number:	OWMH-DS6311-01
Brand Name:	ORing
Multi-listing model number:	./.
Photos:	see Appendix

Technical data

Frequency band:	Band 1: 5.150 GHz-5.250 GHz, Band 4: 5.725 GHz-5.850 GHz
Band 1	
802.11a:	Low Channel (CH36): 5180 MHz Middle Channel (CH40): 5200 MHz High Channel (CH48): 5240 MHz
802.11n 20MHz:	Low Channel (CH36): 5180 MHz Middle Channel (CH40): 5200 MHz High Channel (CH48): 5240 MHz
802.11n 40MHz:	Low Channel (CH38): 5190 MHz High Channel (CH46): 5230 MHz
Band 4	
802.11a:	Low Channel (CH149): 5745 MHz Middle Channel (CH157): 5785 MHz High Channel (CH165): 5825 MHz
802.11n 20MHz:	Low Channel (CH149): 5745 MHz Middle Channel (CH157): 5785 MHz High Channel (CH165): 5825 MHz
802.11n 40MHz:	Low Channel (CH151): 5755 MHz High Channel (CH159): 5795 MHz
Band 1	
Numbers of channel:	802.11a: 4 channels 802.11n 20 MHz: 4 channels 802.11n 40 MHz: 2 channels
Band 4	
Numbers of channel:	802.11a: 5 channels 802.11n 20 MHz: 5 channels 802.11n 40 MHz: 2 channels
Operating modes:	Duplex

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

Type of modulation: OFDM

Fixed point to point operation: Yes / No

Antenna: ANT1: Dipole / ANT2: Dipole
Antenna gain: ANT1: 6 dBi / ANT2: 6 dBi
Directional gain: 9.01 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 $=10 \log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 /N]$ dBi [Note the "20"s in the denominator of each exponent and the square of the sum of terms; the object is to combine the signal levels coherently.]

Power supply: 3.3 Vd.c.
Band 1
Emission designator: 802.11a: 17M1D1D
802.11n 20 MHz: 18M2D1D
802.11n 40 MHz: 37M1D1D
Band 4
Emission designator: 802.11a: 16M5D1D
802.11n 20 MHz: 17M7D1D
802.11n 40 MHz: 36M1D4D

Note: Tests were performed under worst case mode 802.11a 6 Mbps, 802.11n 20MHz(MCS0) and 802.11n 40MHz(MCS0).

Classification:

Mobile Device (Human Body distance ＞ 20cm)	☐
Portable Device (Human Body distance ＜ 20cm)	☐
Modular Radio Device	■

Manufacturer: (if applicable)
Name: ./.
Street: ./.
Town: ./.
Country: ./.

Transmitter	Unom

Band 1

ANT1

Mode A (OFDM)

Power (ch 36 or A):	Conducted: 18.34 dBm
Power (ch 40 or B):	Conducted: 20.49 dBm
Power (ch 48 or C):	Conducted: 21.98 dBm

Mode B (OFDM)

Power (ch 36 or A):	Conducted: 16.39 dBm
Power (ch 40 or B):	Conducted: 16.77 dBm
Power (ch 48 or C):	Conducted: 17.17 dBm

Mode C (OFDM)

Power (ch 38 or A):	Conducted: 19.73 dBm
Power (ch 46 or B):	Conducted: 20.57 dBm

ANT2

Mode A (OFDM)

Power (ch 36 or A):	Conducted: 20.51 dBm
Power (ch 40 or B):	Conducted: 20.52 dBm
Power (ch 48 or C):	Conducted: 20.72 dBm

Mode B (OFDM)

Power (ch 36 or A):	Conducted: 16.71 dBm
Power (ch 40 or B):	Conducted: 16.08 dBm
Power (ch 48 or C):	Conducted: 16.50 dBm

Mode C (OFDM)

Power (ch 38 or A):	Conducted: 19.69 dBm
Power (ch 46 or B):	Conducted: 19.35 dBm

Band 4

ANT1

Mode A (OFDM)

Power (ch 149 or A):	Conducted: 21.27 dBm
Power (ch 157 or B):	Conducted: 21.38 dBm
Power (ch 165 or C):	Conducted: 21.75 dBm

Mode B (OFDM)

Power (ch 149 or A):	Conducted: 16.60 dBm
Power (ch 157 or B):	Conducted: 15.72 dBm
Power (ch 165 or C):	Conducted: 16.18 dBm

Mode C (OFDM)

Power (ch 151 or A):	Conducted: 21.55 dBm
Power (ch 159 or B):	Conducted: 20.67 dBm

ANT2

Mode A (OFDM)

Power (ch 149 or A): Conducted: 18.14 dBm
Power (ch 157 or B): Conducted: 18.22 dBm
Power (ch 165 or C): Conducted: 18.63 dBm

Mode B (OFDM)

Power (ch 149 or A): Conducted: 15.61 dBm
Power (ch 157 or B): Conducted: 15.66 dBm
Power (ch 165 or C): Conducted: 15.55 dBm

Mode C (OFDM)

Power (ch 151 or A): Conducted: 18.92 dBm
Power (ch 159 or B): Conducted: 18.83 dBm

Band 1

Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	90.43	88.08	96.79	19.56	19.45	19.86
802.11n 40MHz	187.08	-	200.12	22.72	-	23.01

Band 4

Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	82.10	74.14	77.39	19.14	18.70	18.89
802.11n 40MHz	220.87	-	193.06	23.44	-	22.86

1.6 Test standards

Technical standard : 47 CFR FCC Part 15 Subpart E § 15.407

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 3 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
Details of power supply:	3.3 Vd.c.

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	2018/5/30	2019/5/29
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 004	ZWEILEITER-V-NETZNACHBILDUNG TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2018/11/1	2019/10/31
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2018/8/21	2019/8/20
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	2018/7/13	2019/7/12
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2018/9/25	2019/9/24
ETSTW-CE 028	MXE EMI Receiver	N9038A	MY53220110	Agilent	2018/7/16	2019/7/15
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2018/5/30	2019/5/29
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2018/5/21	2019/5/20
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	2018/7/13	2019/7/12
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2018/7/12	2019/7/11
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2018/3/26	2019/3/25
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2018/1/23	2019/1/22
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2018/4/13	2019/4/12
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2018/4/26	2019/4/25
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2018/3/1	2019/2/28
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2018/3/1	2019/2/28
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2018/3/1	2019/2/28
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2018/3/6	2019/3/5
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2018/3/1	2019/2/28
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2018/3/30	2019/3/29
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	2018/9/17	2019/9/16
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2018/9/18	2019/9/17
ETSTW-RE 091	Match Pad	MDCS1500	None	WOKEN	2018/4/16	2019/4/15
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2018/2/23	2019/2/22
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2018/1/15	2019/1/14

ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2018/5/29	2019/5/28
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2018/8/8	2019/8/7
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2018/8/8	2019/8/7
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2018/2/27	2019/2/26
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2018/8/8	2019/8/7
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2018/8/8	2019/8/7
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-RE 142	Amplifier	8447D	2805A03378	Agilent	2018/3/30	2019/3/29
ETSTW-RE 147	Bi-log Hybrid Antenna	MCTD 2786B	BLB16M04005	ETC	2018/3/23	2019/3/22
ETSTW-RE 151	Thermohygrometer	608-h1	45104376	TESTO	2018/8/17	2019/8/16
ETSTW-EMI 011	USB Compact Modulator	SFC-U	101689	R&S	2018/5/10	2019/5/9
ETSTW-EMS 008	Exposure Level Tester	ELT-400	G-0009	Narda	2018/7/17	2019/7/16
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2018/2/27	2019/2/26
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2018/3/2	2019/3/1
ETSTW-GSM 004	Wideband Radio Communication Tester	CMW500	128092	R&S	2018/10/19	2019/10/18
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2018/1/11	2019/1/10
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2018/1/11	2019/1/10
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2018/1/11	2019/1/10
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2018/1/11	2019/1/10
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2018/9/12	2019/9/11
ETSTW-GSM 024	Radio Communication Analyzer	MT8821C	None	Anritsu	2018/3/7	2019/3/6
ETSTW-GSM 025	Band Reject Filter	BRM19835	001	Micro-Tronics	2018/8/9	2019/8/8
ETSTW-Cable 011	SMA to N type Cable	RGU-400	None	THERMAX	Pre-test Use NCR	
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2018/2/22	2019/2/21
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2018/2/22	2019/2/21
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2018/2/22	2019/2/21
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2018/2/22	2019/2/21
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2018/7/2	2019/7/1
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2018/2/27	2019/2/26
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2018/5/14	2019/5/13
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2018/9/18	2019/9/17
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2018/9/18	2019/9/17
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104（S_Cable 9）	279067	HUBER+SUHNER	2018/2/27	2019/2/26
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104（S_Cable 10）	238092	HUBER+SUHNER	2018/3/30	2019/3/29
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2018/3/30	2019/3/29

ETSTW-Cable 048	Microwave Cable	SUCOFLEX 104	325519	HUBER+SUHNER	2018/3/30	2019/3/29
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2018/6/9	2019/6/8
ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2018/3/30	2019/3/29
ETSTW-Cable 066	SMA type cable	32022	None	ASTROLAB	2018/8/30	2019/8/29
ETSTW-Cable 071	N TYPE CABLE	EMCCFD400-NM-NM-25000	170239	EMCI	2018/6/9	2019/6/8
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMC	None	Farad	Version ETS-03A1	
WTSTW-SW 006	EMI TEST SOFTWARE	e3	None	AUDIX	Version 9.161014	
WTSTW-SW 008	Signal studio	Agilent	None	AUDIX	Version 2.0.0.1	

2.4 Test Procedure

The test procedures are performed following the test stands ANSI STANDARD C63.4 and FCC 789033 D02 General UNII Test Procedures New Rules v01.

■ Minimum Emission Bandwidth for the band 5.150-5.250 GHz, 5.725-5.850 GHz

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

a) Set RBW = 100 kHz.
b) Set the video bandwidth (VBW) ≥ 3 × RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Sweep = auto couple.
f) Allow the trace to stabilize.
g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

■ 99 Percent Occupied Bandwidth

The 99-percent occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5 % of the total mean power of the given emission. Measurement of the 99-percent occupied bandwidth is required only as a condition for using the optional band-edge measurement techniques described in section H)3)d). Measurements of 99-percent occupied bandwidth may also optionally be used in lieu of the 6-dB emission bandwidth to define the minimum frequency range over which the spectrum is integrated when measuring maximum conducted output power as described in section E). However, the 6-dB bandwidth must be measured to determine bandwidth dependent limits on maximum conducted output power in accordance with 15.407(a).

The following procedure shall be used for measuring (99 %) power bandwidth.

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW ≥ 3 · RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

■ Maximum conducted output power

(i) Set span to encompass the entire emission bandwidth (EBW) (or, alternatively, the entire 99% occupied bandwidth) of the signal.
(ii) Set RBW = 1 MHz.
(iii) Set VBW ≥ 3 MHz.
(iv) Number of points in sweep ≥ 2 Span / RBW. (This ensures that bin-to-bin spacing is ≤ RBW/2, so that narrowband signals are not lost between frequency bins.)
(v) Sweep time = auto.
(vi) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
(vii) If transmit duty cycle < 98 percent, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty cycle ≥ 98 percent, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to "free run".
(viii) Trace average at least 100 traces in power averaging (i.e., RMS) mode.
(ix) Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument's band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the spectrum.

■ Power Density

The rules requires "maximum power spectral density" measurements where the intent is to measure the maximum value of the time average of the power spectral density measured during a period of continuous transmission.

1. Create an average power spectrum for the EUT operating mode being tested by following the instructions in section II.E.2. for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, "Compute power…". (This procedure is required even if the maximum conducted output power measurement was performed using a power meter, method PM.)
2. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
3. Make the following adjustments to the peak value of the spectrum, if applicable:
   a) If Method SA-2 or SA-2 Alternative was used, add 10 log(1/x), where x is the duty cycle, to the peak of the spectrum.
   b) If Method SA-3 Alternative was used and the linear mode was used in step II.E.2.g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging.
4. The result is the Maximum PSD over 1 MHz reference bandwidth.
5. For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus

a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

a) Set RBW ≥ 1/T, where T is defined in section II.B.l.a).

b) Set VBW ≥ 3 RBW.

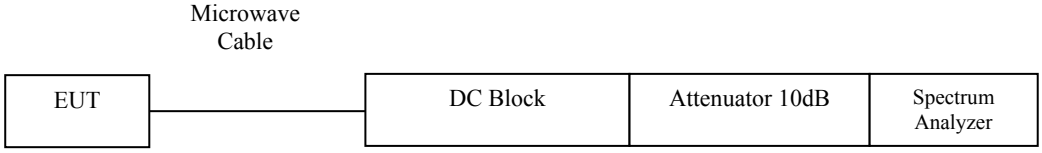
c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add 10log(500kHz/RBW) to the measured result, whereas RBW (< 500 KHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.

d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add 10log(1MHz/RBW) to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.

e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 KHz for the sections 5.c) and 5.d) above, since RBW=100 KHZ is available on nearly all spectrum analyzers.

Conducted measurement test setup



3 Test results (enclosure)

Test case	Para. Number	Required	Test passed	Test failed
Peak Transmit Power	15.407(a)	☒	☒	☐
6-dB emission bandwidth	15.407(a)	☒	☒	☐
26-dB emission bandwidth	15.407(a)	☒	☒	☐
99 % Occupied Bandwidth	789033 D02 General UNII Test Procedures New Rules v01	☒	☒	☐
Peak Power Spectral Density	15.407(a)	☒	☒	☐
Undesirable emission limits	15.407(b)	☒	☒	☐
Radio Frequency Exposure	15.407(f)	☒	☒	☐
Radiated Emission from Receiver Part	15.109	☒	☒	☐
AC Conducted Emissions	15.207	☐	☐	☐

The following is intentionally left blank.

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

3.1 Peak Transmit Power, FCC 15.407 (a)

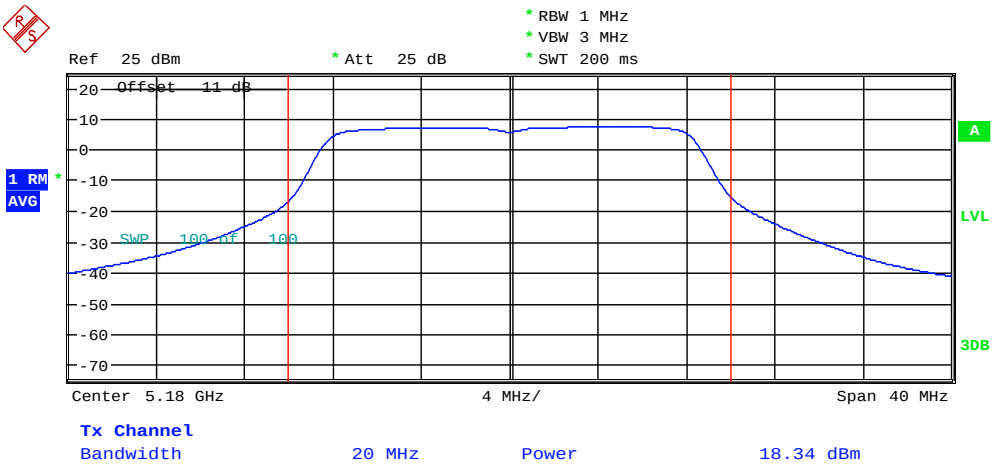
According to §15.407(a)

1. For the band 5.15-5.25 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 30 dBm (1 W) for master device and 24 dBm (250 mW) for mobile/portable client device.

2. For the band 5.25-5.35 GHz and 5.47-5.725 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 24 dBm (250 mW) or 11dBm + 10 log B, whichever is lower (B= 26-dB emission BW).

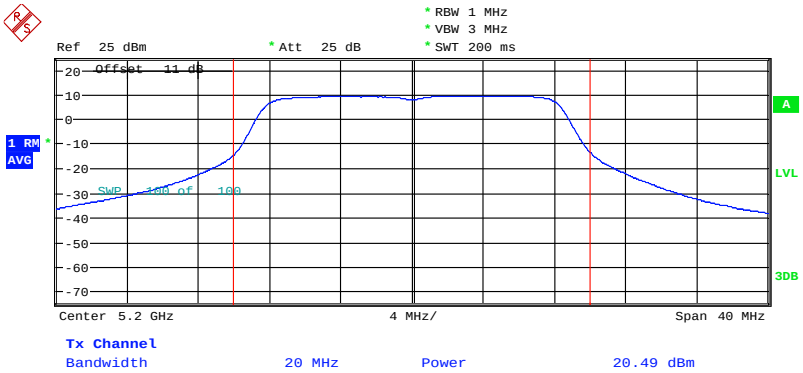
3. For the band 5.725-5.850 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 30 dBm (1 W).

Band 1
ANT1



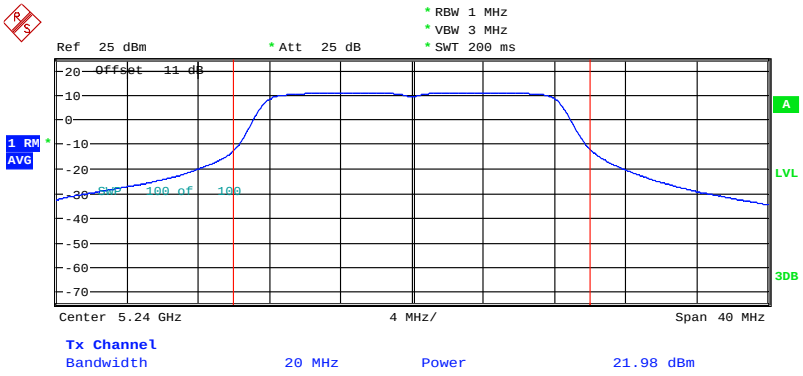
MAXIMUM CONDUCTED POWER ANT1_11aCH36
Date: 17.DEC.2018 17:59:07

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



MAXIMUM CONDUCTED POWER ANT1_11aCH40

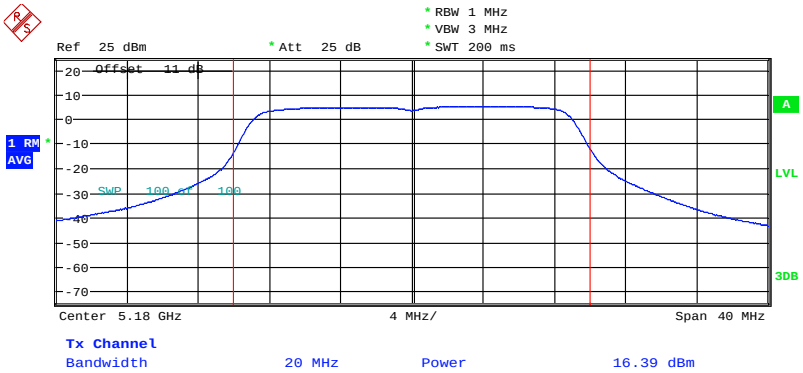
Date: 17.DEC.2018 18:01:07



MAXIMUM CONDUCTED POWER ANT1_11aCH48

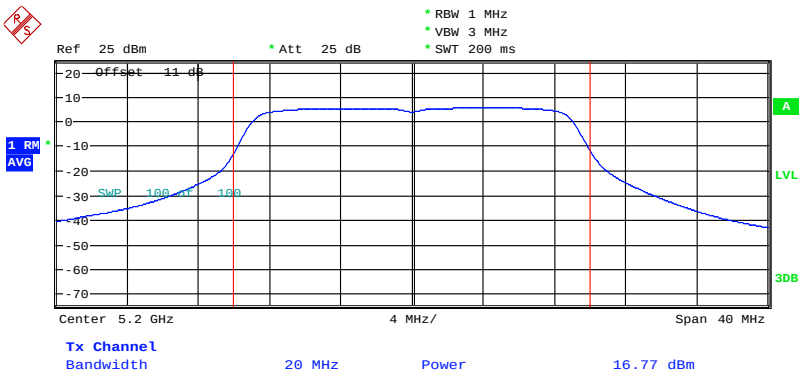
Date: 18.DEC.2018 14:03:36

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



MAXIMUM CONDUCTED POWER ANT1_11n20CH36

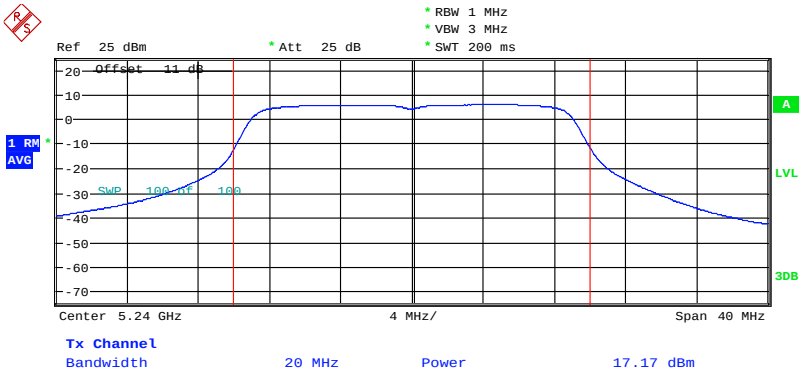
Date: 17.DEC.2018 18:13:16



MAXIMUM CONDUCTED POWER ANT1_11n20CH40

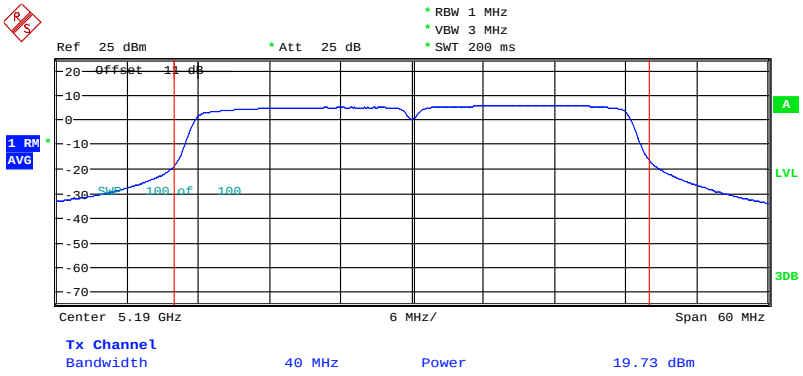
Date: 17.DEC.2018 18:11:26

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



MAXIMUM CONDUCTED POWER ANT1_11n20CH48

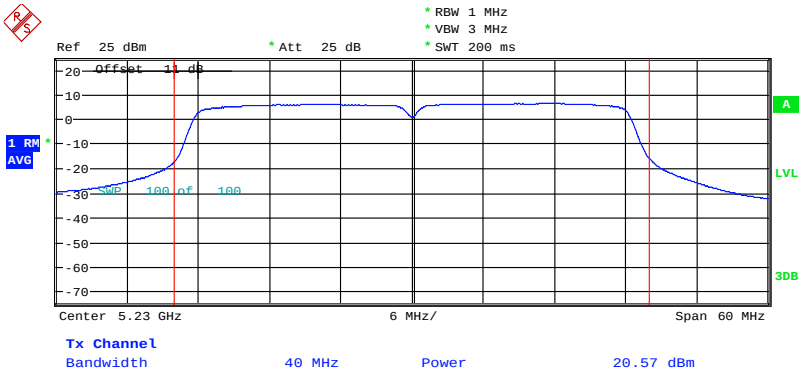
Date: 17.DEC.2018 18:09:46



MAXIMUM CONDUCTED POWER ANT1_11n40CH38

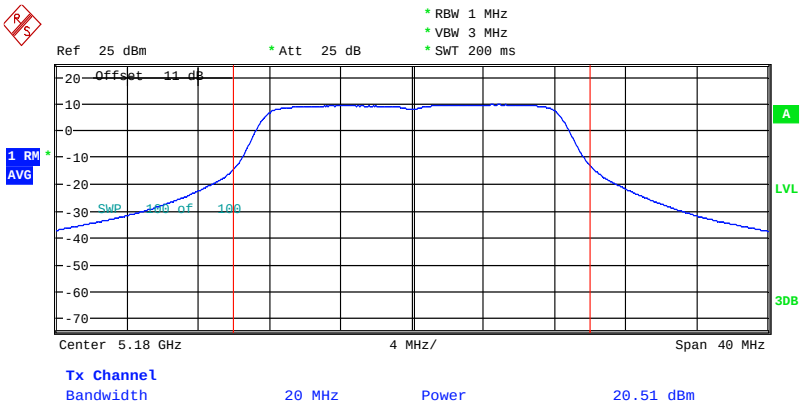
Date: 17.DEC.2018 18:16:06

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



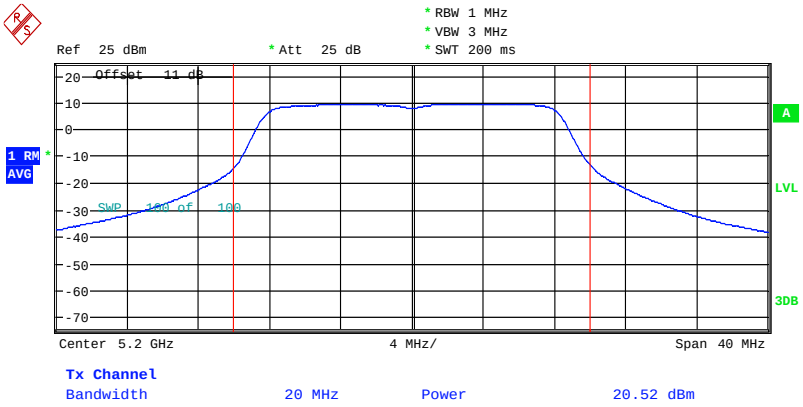
MAXIMUM CONDUCTED POWER ANT1_11n40CH46
Date: 17.DEC.2018 18:18:06

ANT2



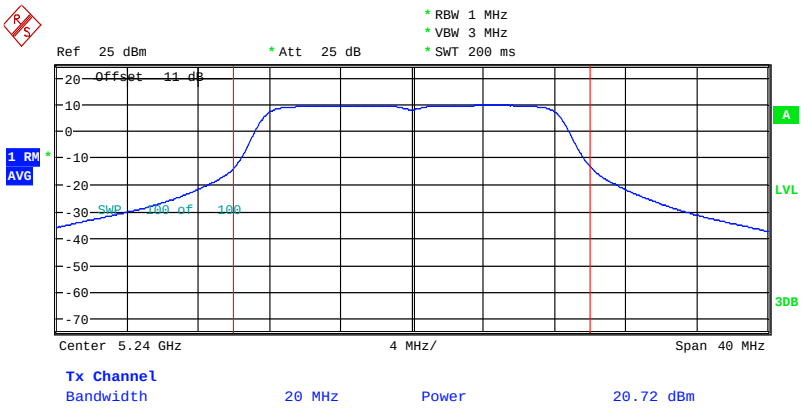
MAXIMUM CONDUCTED POWER ANT2_11aCH36
Date: 17.DEC.2018 19:04:16

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



MAXIMUM CONDUCTED POWER ANT2_11aCH40

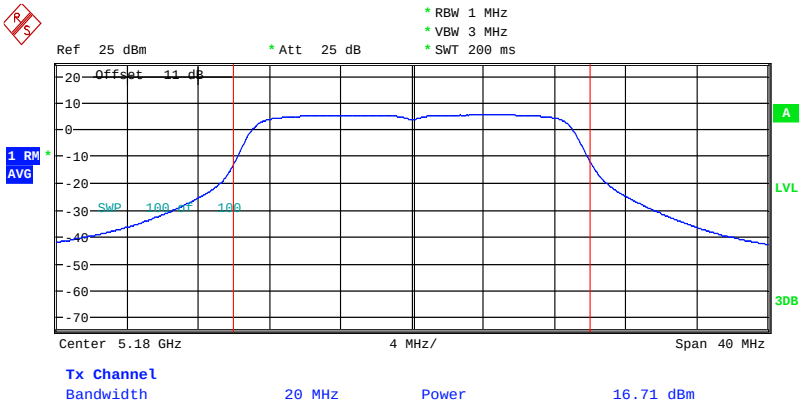
Date: 17.DEC.2018 19:02:26



MAXIMUM CONDUCTED POWER ANT2_11aCH48

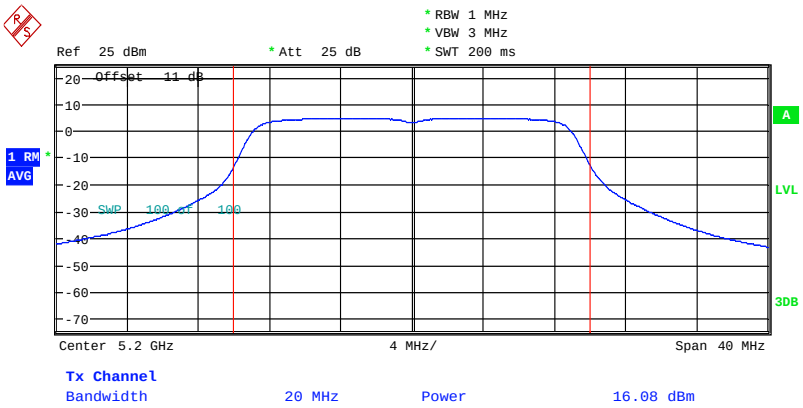
Date: 17.DEC.2018 19:00:56

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



MAXIMUM CONDUCTED POWER ANT2_11n20CH36

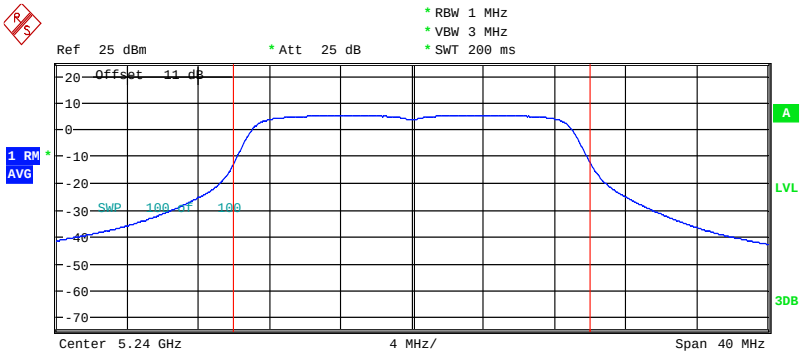
Date: 17.DEC.2018 18:53:39



MAXIMUM CONDUCTED POWER ANT2_11n20CH40

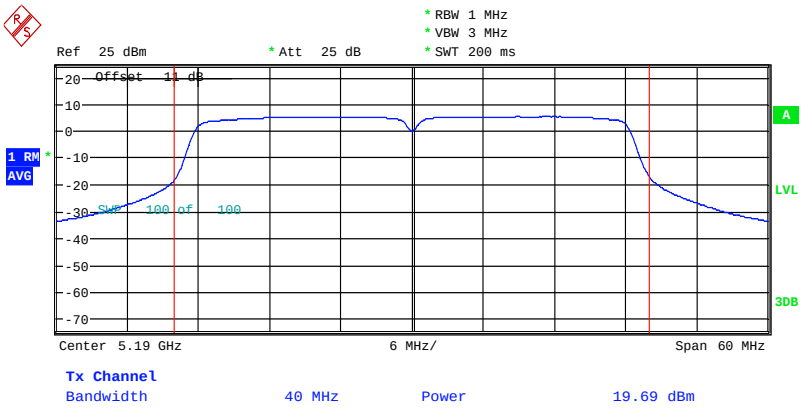
Date: 17.DEC.2018 18:32:56

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



MAXIMUM CONDUCTED POWER ANT2_11n20CH48

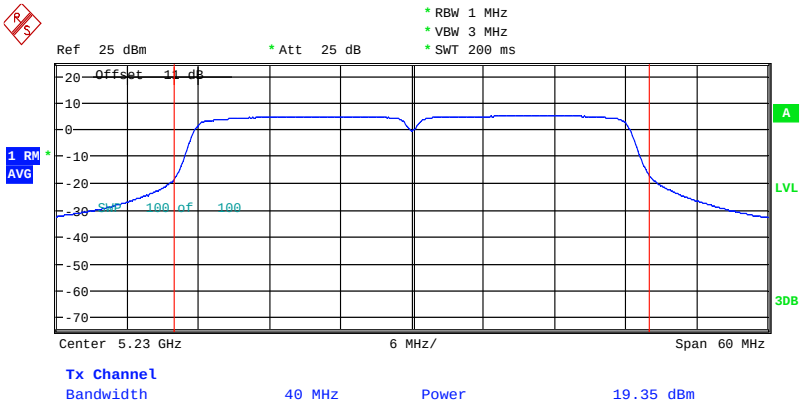
Date: 17.DEC.2018 18:59:26



MAXIMUM CONDUCTED POWER ANT2_11n40CH38

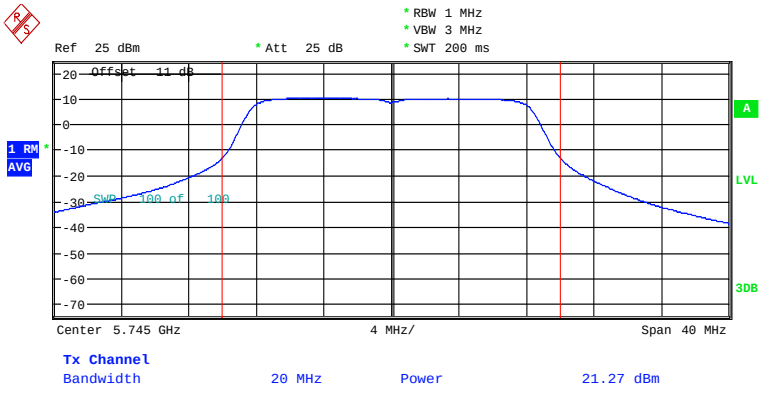
Date: 17.DEC.2018 18:47:16

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



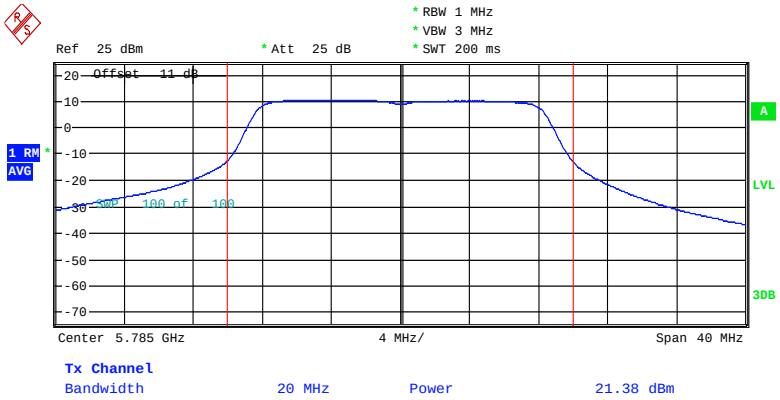
MAXIMUM CONDUCTED POWER ANT2_11n40CH46
Date: 17.DEC.2018 18:48:56

Band 4
ANT1



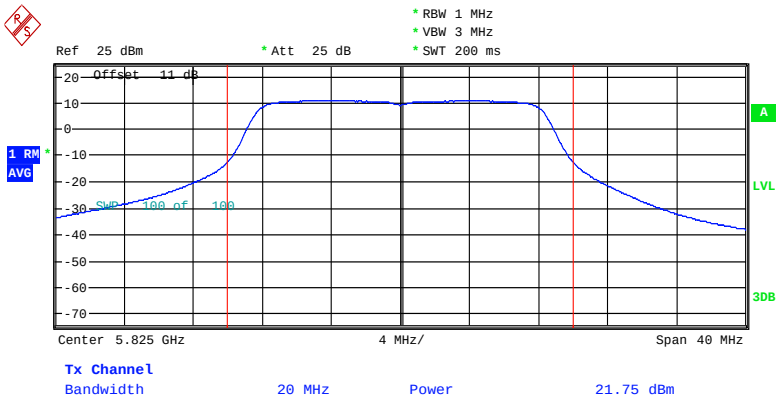
MAXIMUM CONDUCTED POWER ANT1_11aCH149
Date: 18.DEC.2018 11:41:07

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



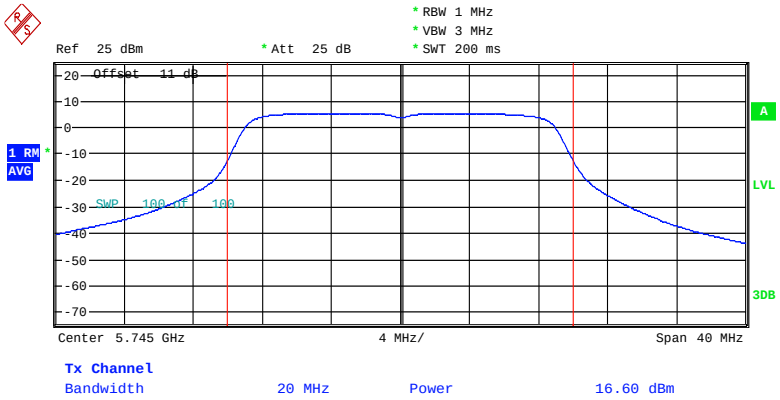
MAXIMUM CONDUCTED POWER ANT1_11aCH157

Date: 18.DEC.2018 11:43:32



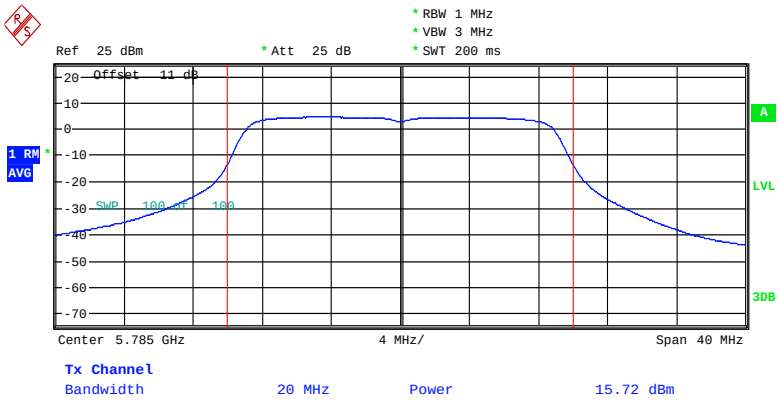
MAXIMUM CONDUCTED POWER ANT1_11aCH165

Date: 18.DEC.2018 11:45:27



MAXIMUM CONDUCTED POWER ANT1_11n20CH149

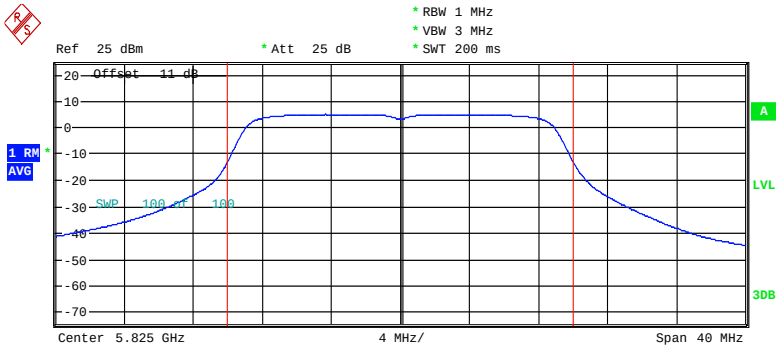
Date: 18.DEC.2018 11:52:07



MAXIMUM CONDUCTED POWER ANT1_11n20CH157

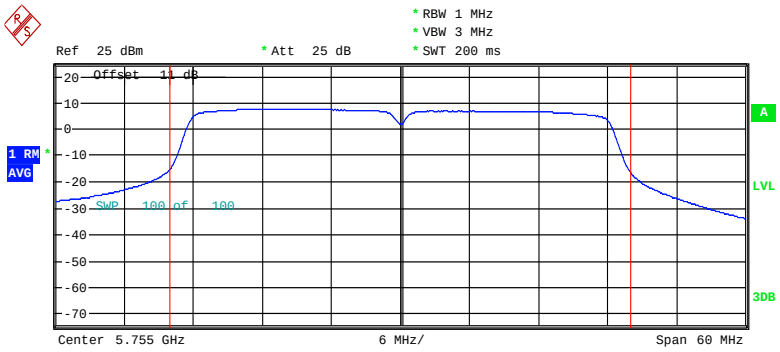
Date: 18.DEC.2018 11:49:47

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



MAXIMUM CONDUCTED POWER ANT1_11n20CH165

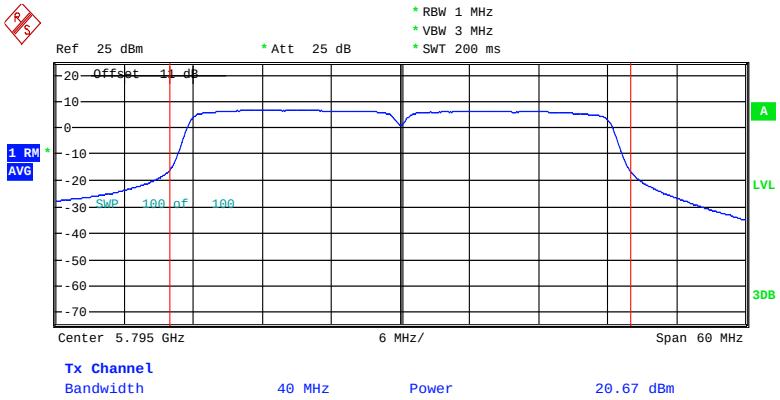
Date: 18.DEC.2018 11:48:07



MAXIMUM CONDUCTED POWER ANT1_11n40CH151

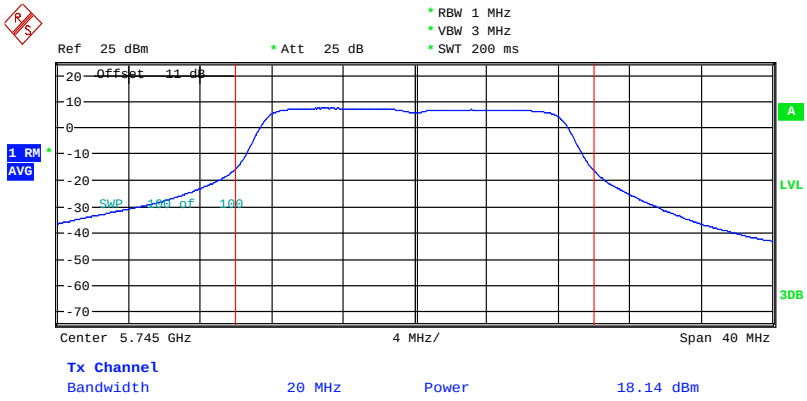
Date: 18.DEC.2018 11:54:17

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



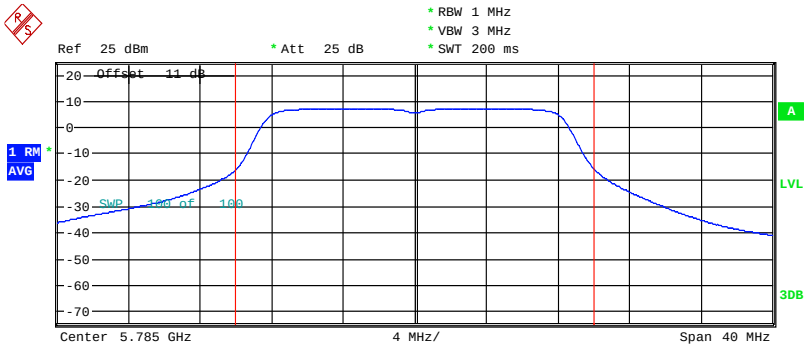
MAXIMUM CONDUCTED POWER ANT1_11n40CH159
Date: 18.DEC.2018 11:56:17

ANT2



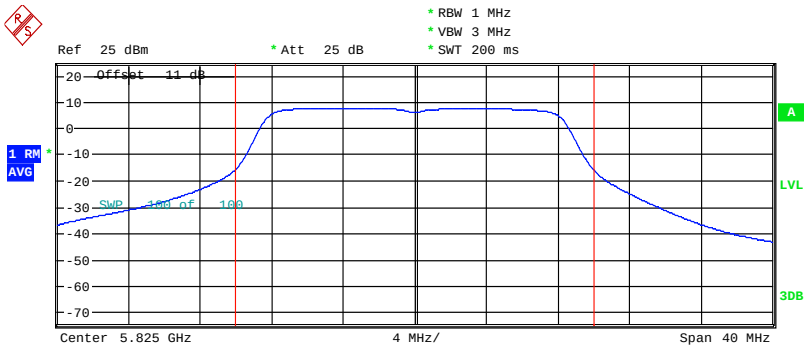
MAXIMUM CONDUCTED POWER ANT2_11aCH149
Date: 18.DEC.2018 13:33:56

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



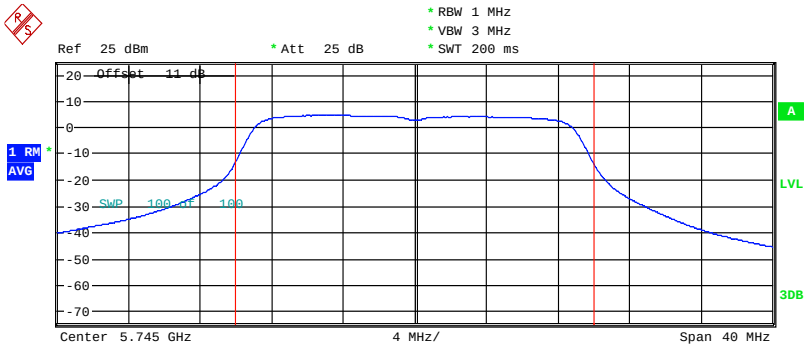
MAXIMUM CONDUCTED POWER ANT2_11aCH157

Date: 18.DEC.2018 13:49:06



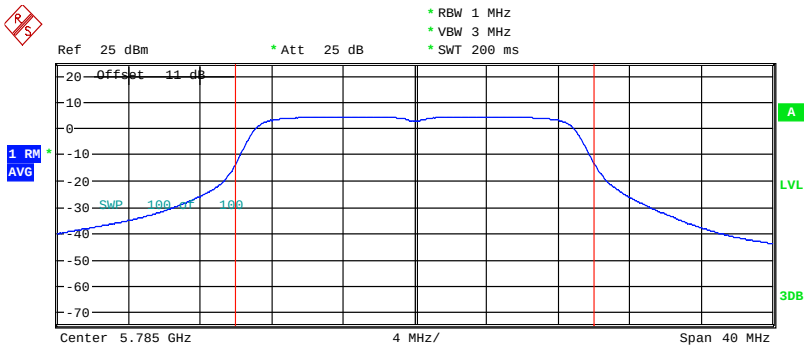
MAXIMUM CONDUCTED POWER ANT2_11aCH165

Date: 18.DEC.2018 13:38:16



MAXIMUM CONDUCTED POWER ANT2_11n20CH149

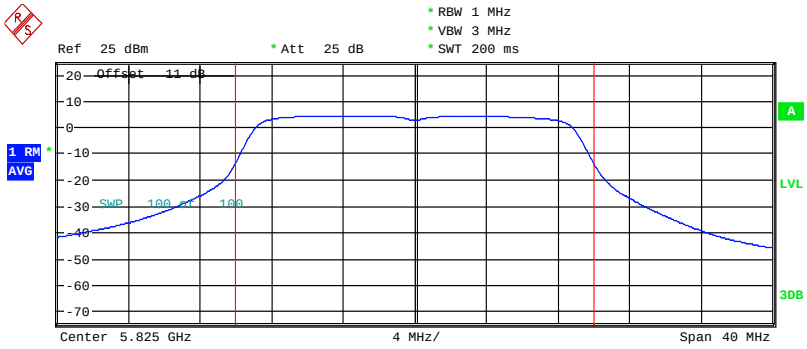
Date: 18.DEC.2018 13:43:26



MAXIMUM CONDUCTED POWER ANT2_11n20CH157

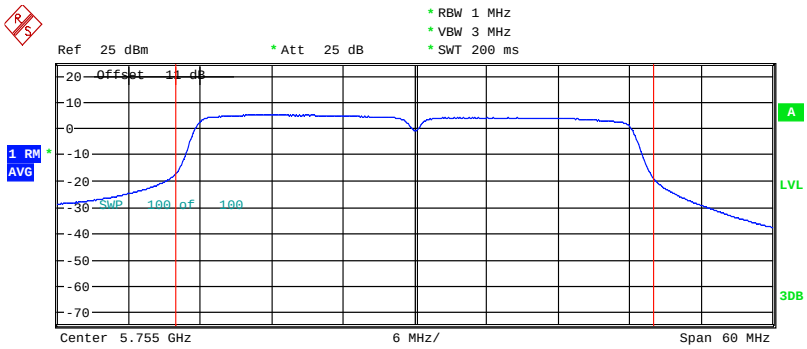
Date: 18.DEC.2018 13:41:46

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



MAXIMUM CONDUCTED POWER ANT2_11n20CH165

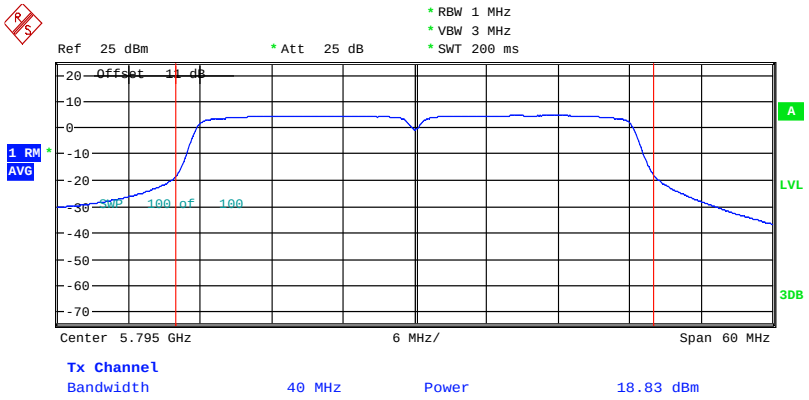
Date: 18.DEC.2018 13:39:56



MAXIMUM CONDUCTED POWER ANT2_11n40CH151

Date: 18.DEC.2018 13:30:26

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



MAXIMUM CONDUCTED POWER ANT2_11n40CH159
Date: 18.DEC.2018 13:32:16

Band 1

ANT1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	43.55	47.53	52.12	16.39	16.77	17.17
802.11n 40MHz	93.97	-	114.02	19.73	-	20.57
ANT2	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	46.88	40.55	44.67	16.71	16.08	16.50
802.11n 40MHz	93.11	-	86.10	19.69	-	19.35
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	90.43	88.08	96.79	19.56	19.45	19.86
802.11n 40MHz	187.08	-	200.12	22.72	-	23.01

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

Band 4

ANT1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	45.71	37.33	41.50	16.60	15.72	16.18
802.11n 40MHz	142.89	-	116.68	21.55	-	20.67
ANT2	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	36.39	36.81	35.89	15.61	15.66	15.55
802.11n 40MHz	77.98	-	76.38	18.92	-	18.83
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	82.10	74.14	77.39	19.14	18.70	18.89
802.11n 40MHz	220.87	-	193.06	23.44	-	22.86

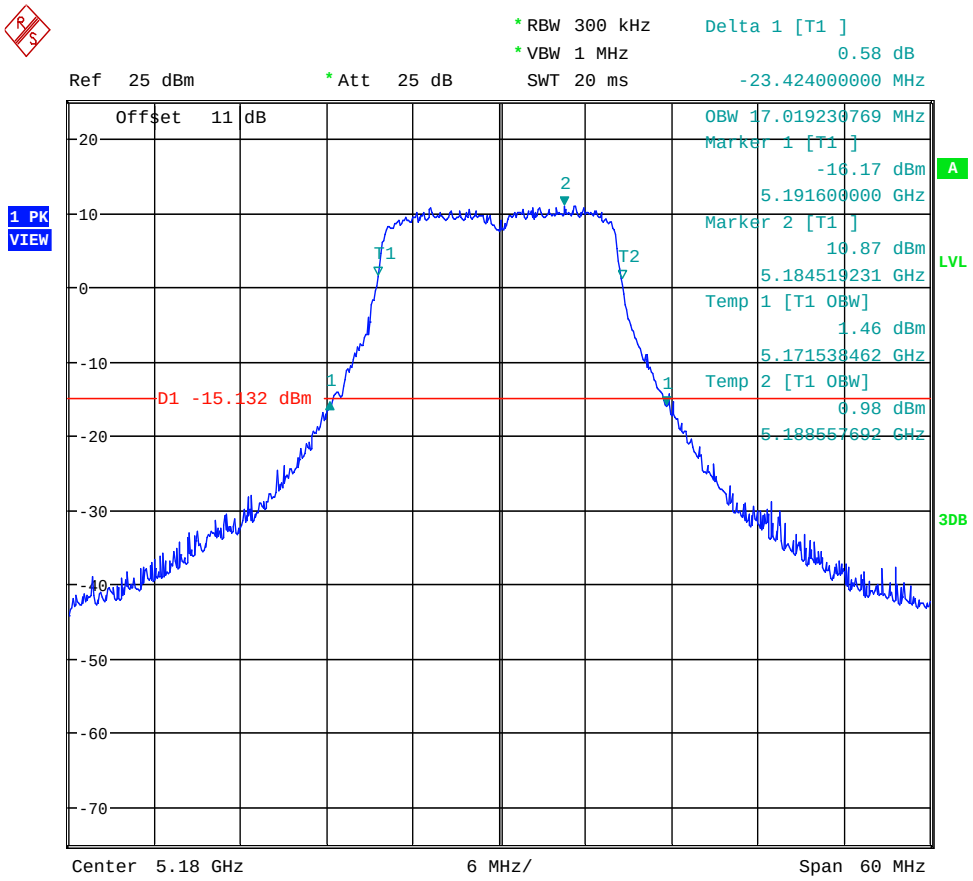
Test equipment used: ETSTW-RE 055, ETSTW-RE 050

3.2 26dB emission bandwidth, 99% Occupied Bandwidth, FCC 15.407 (a)

According to §15.407(a). No Limit required.

Result:

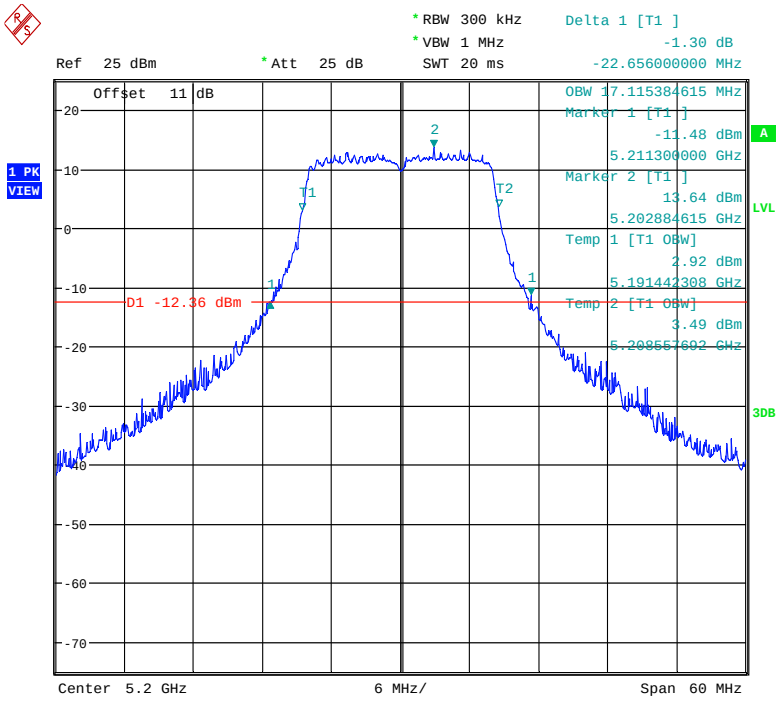
ANT1



99% OBW & 26DB BANDWIDTH ANT1_11a_CH36

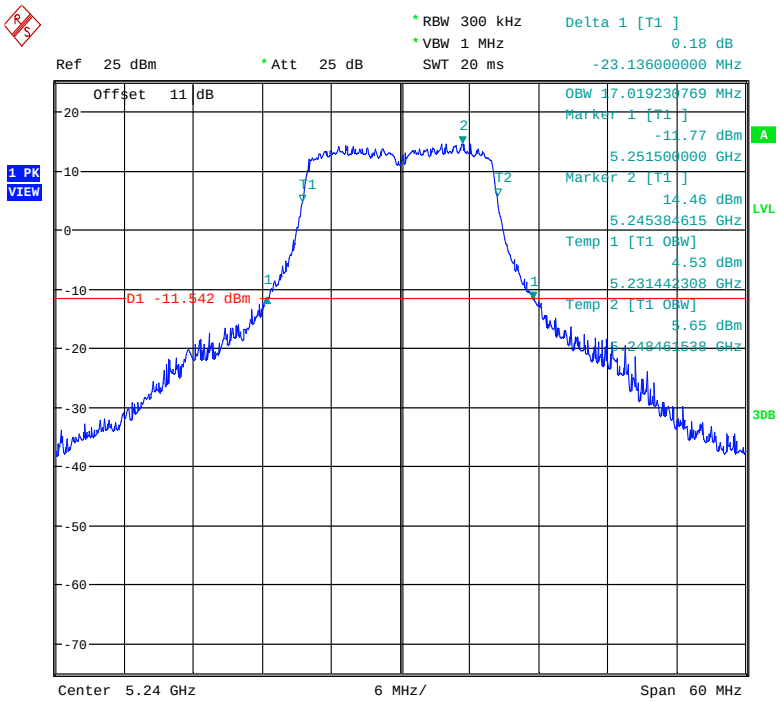
Date: 17.DEC.2018 17:59:48

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



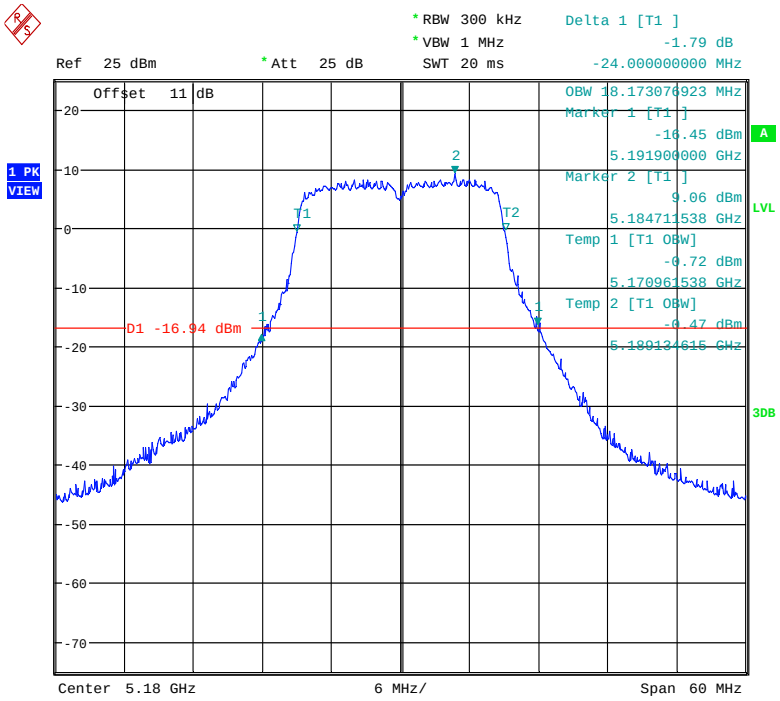
99% OBW & 26DB BANDWIDTH ANT1_11a_CH40

Date: 17.DEC.2018 18:01:38



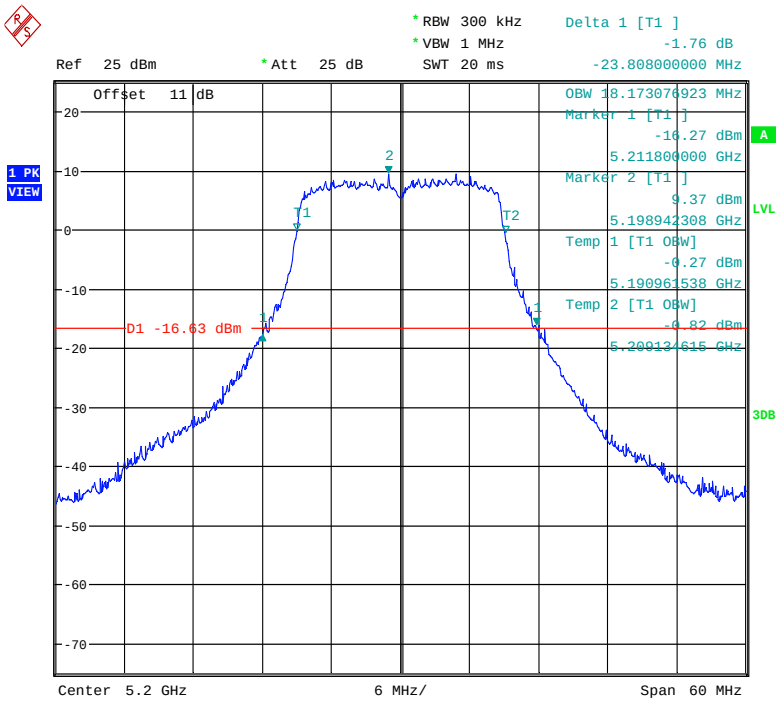
99% OBW & 26DB BANDWIDTH ANT1_11a_CH48

Date: 18.DEC.2018 14:04:17



99% OBW & 26DB BANDWIDTH ANT1_11n20_CH36

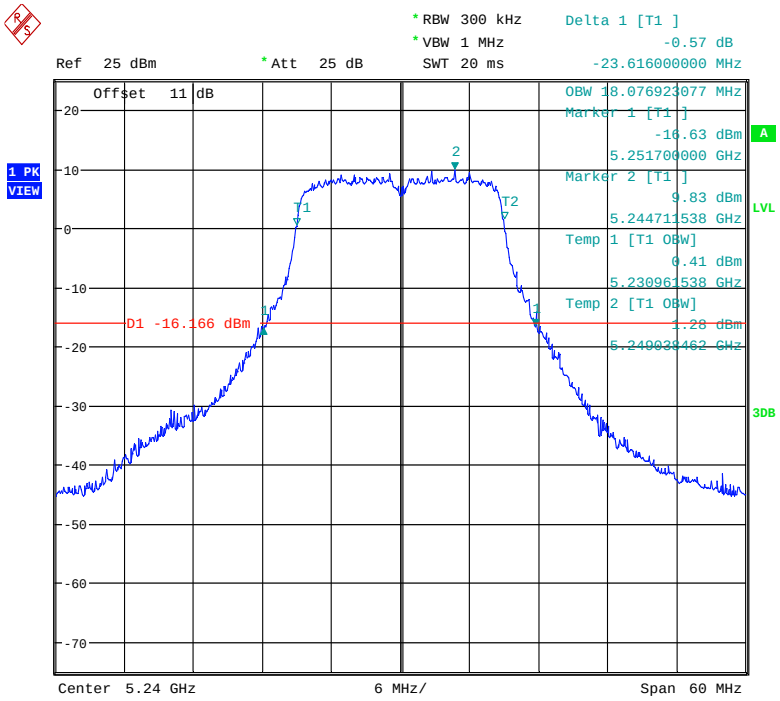
Date: 17.DEC.2018 18:13:55



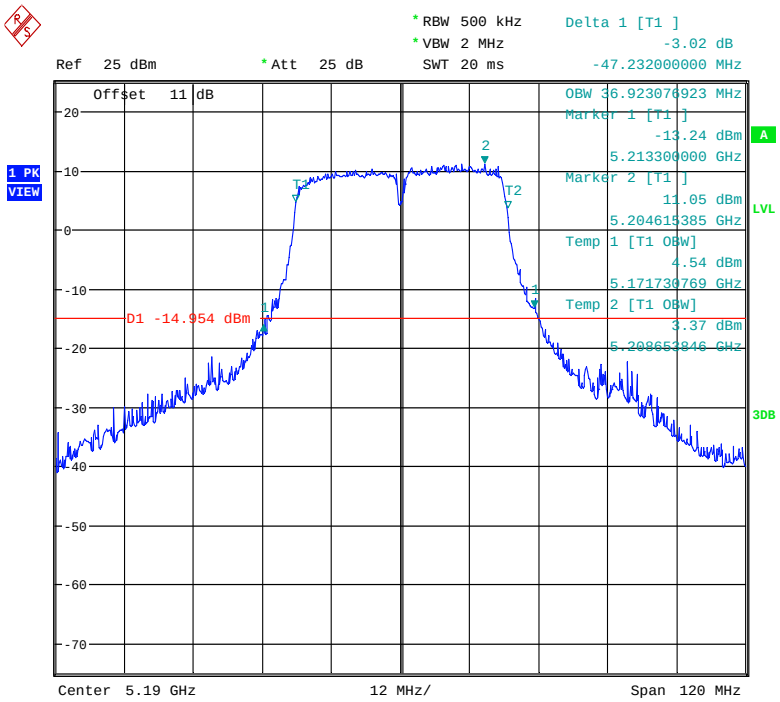
99% OBW & 26DB BANDWIDTH ANT1_11n20_CH40

Date: 17.DEC.2018 18:12:05

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

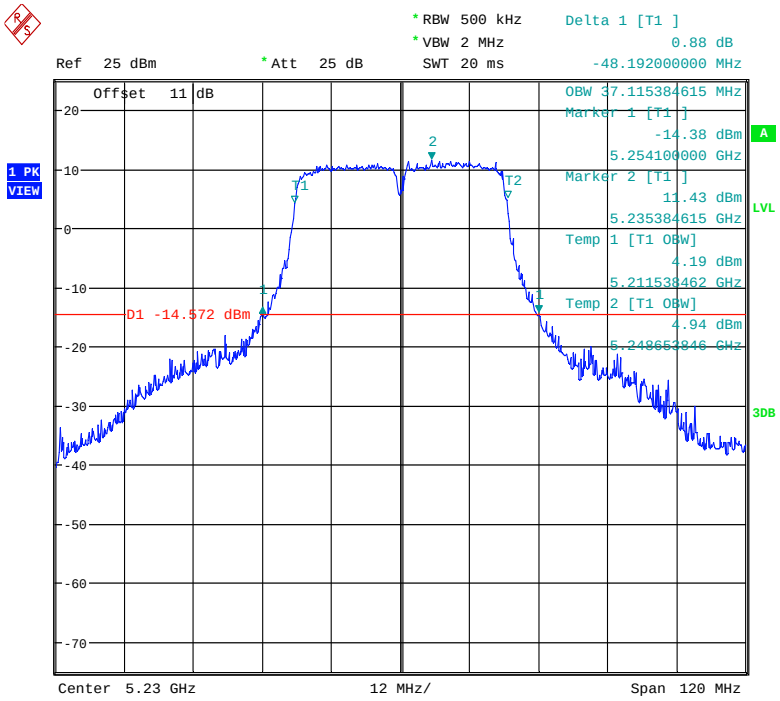


99% OBW & 26DB BANDWIDTH ANT1_11n20_CH48
Date: 17.DEC.2018 18:10:26



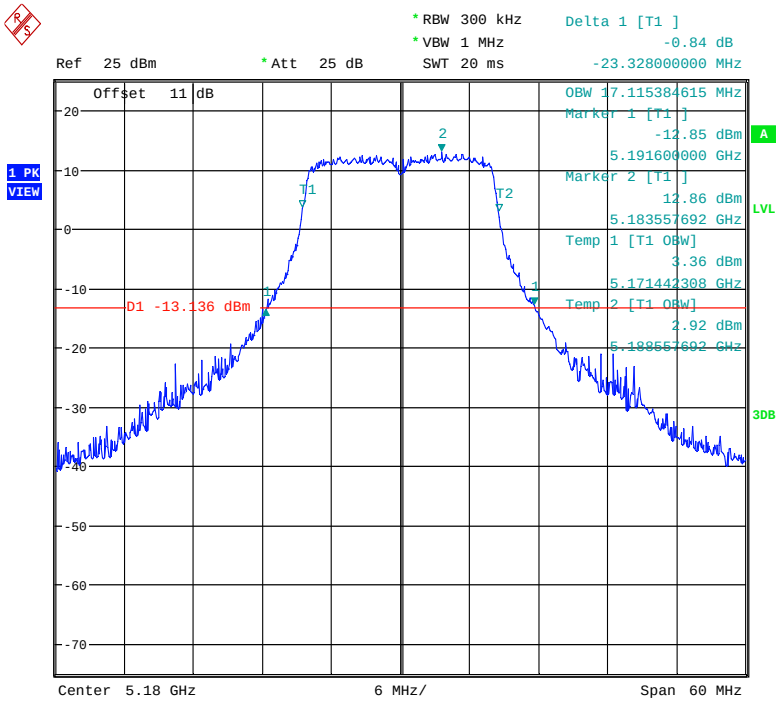
99% OBW & 26DB BANDWIDTH ANT1_11n40_CH38
Date: 17.DEC.2018 18:16:40

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

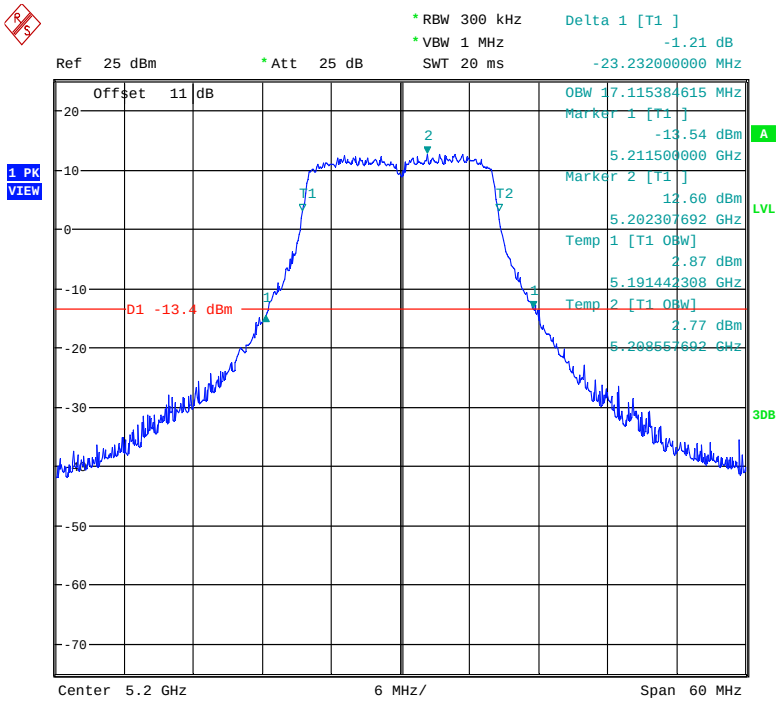


99% OBW & 26DB BANDWIDTH ANT1_11n40_CH46
Date: 17.DEC.2018 18:18:41

ANT2

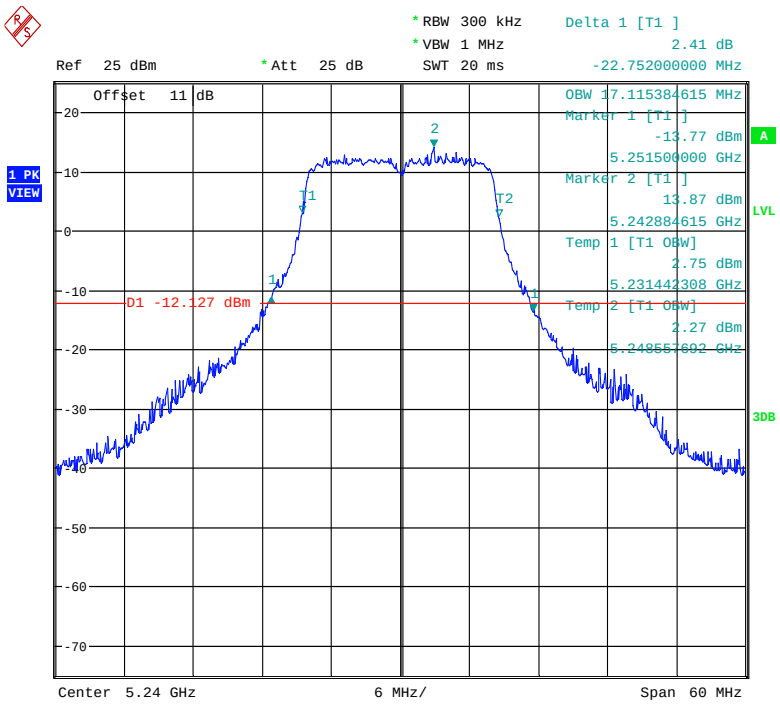


99% OBW & 26DB BANDWIDTH ANT2_11a_CH36
Date: 17.DEC.2018 19:04:47



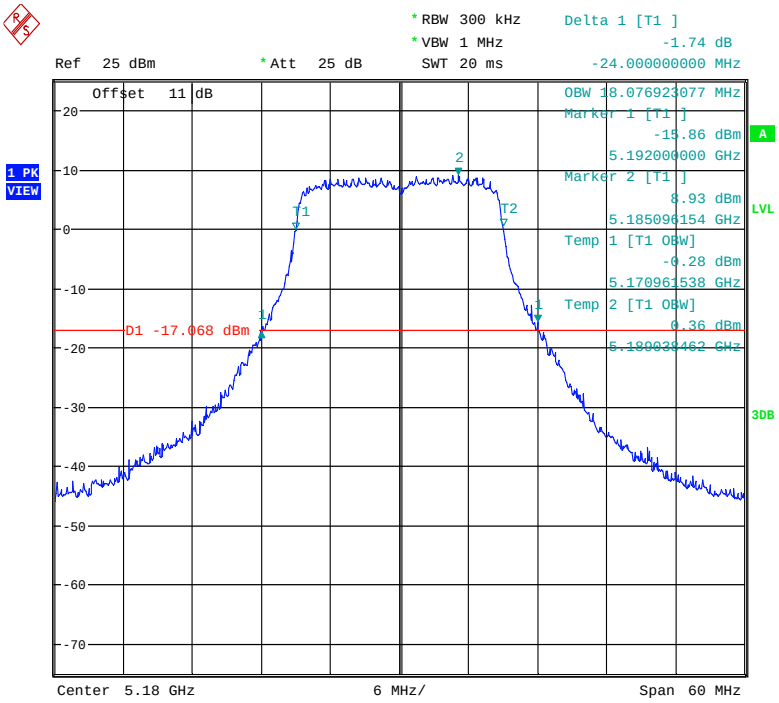
99% OBW & 26DB BANDWIDTH ANT2_11a_CH40

Date: 17.DEC.2018 19:03:03



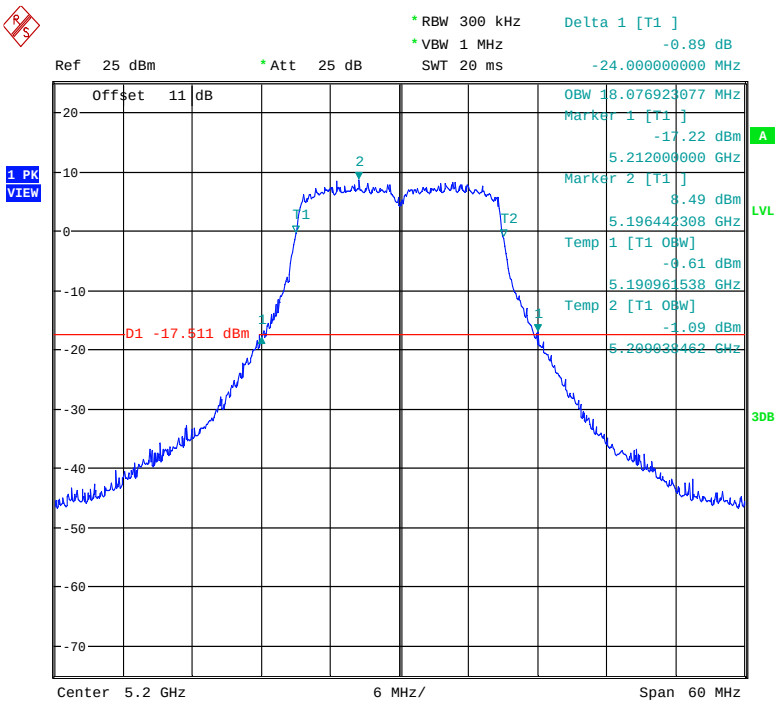
99% OBW & 26DB BANDWIDTH ANT2_11a_CH48

Date: 17.DEC.2018 19:01:35



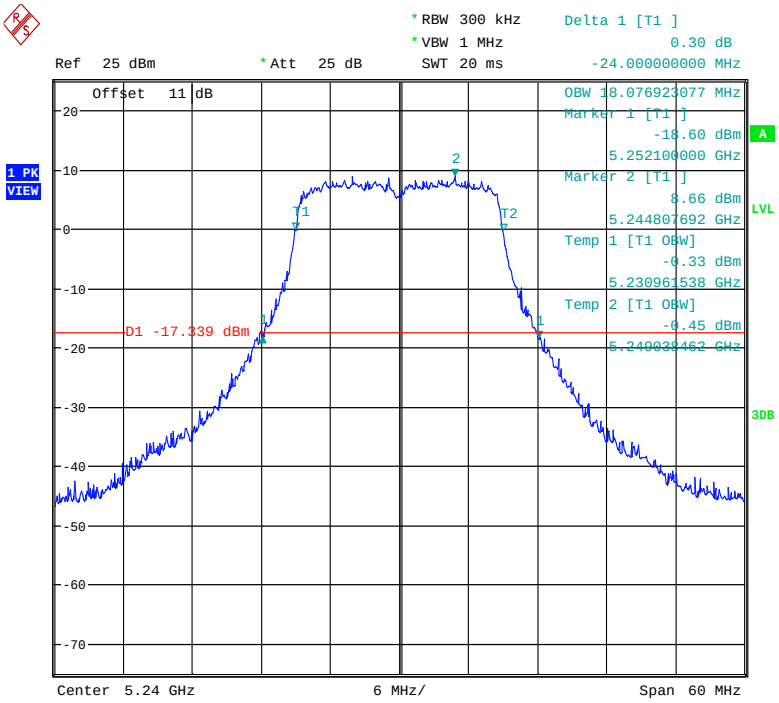
99% OBW & 26DB BANDWIDTH ANT2_11n20_CH36

Date: 17.DEC.2018 18:54:20



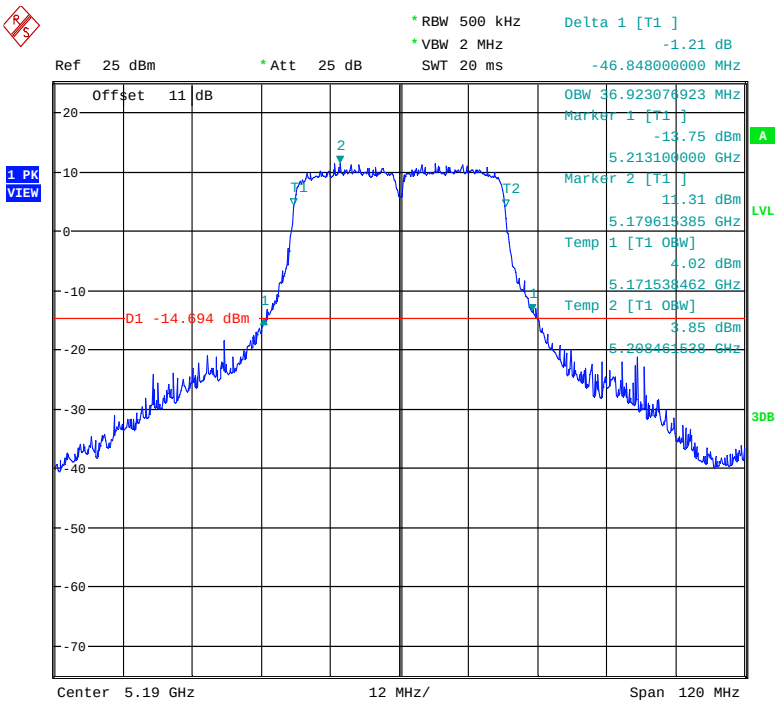
99% OBW & 26DB BANDWIDTH ANT2_11n20_CH40

Date: 17.DEC.2018 18:33:32



99% OBW & 26DB BANDWIDTH ANT2_11n20_CH48

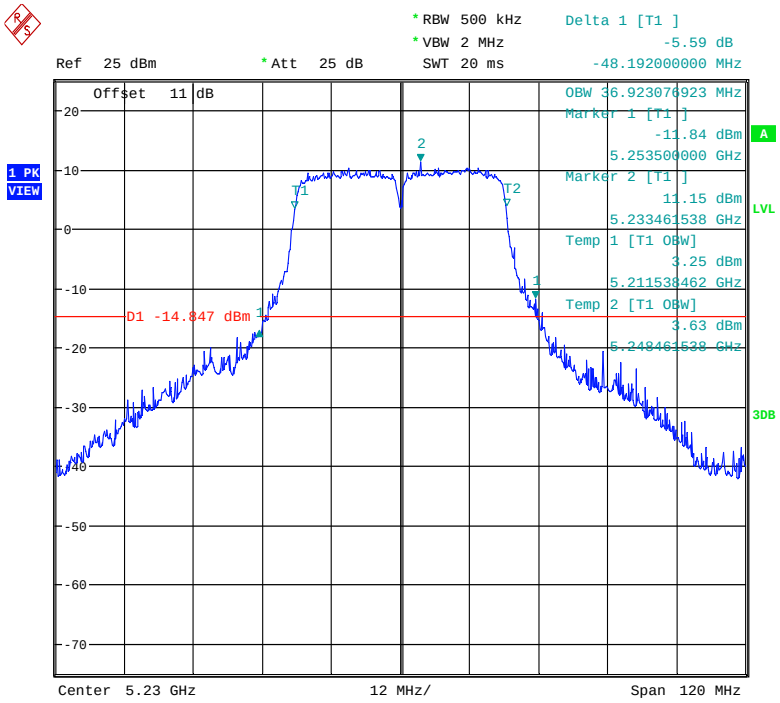
Date: 17.DEC.2018 19:00:01



99% OBW & 26DB BANDWIDTH ANT2_11n40_CH38

Date: 17.DEC.2018 18:47:55

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



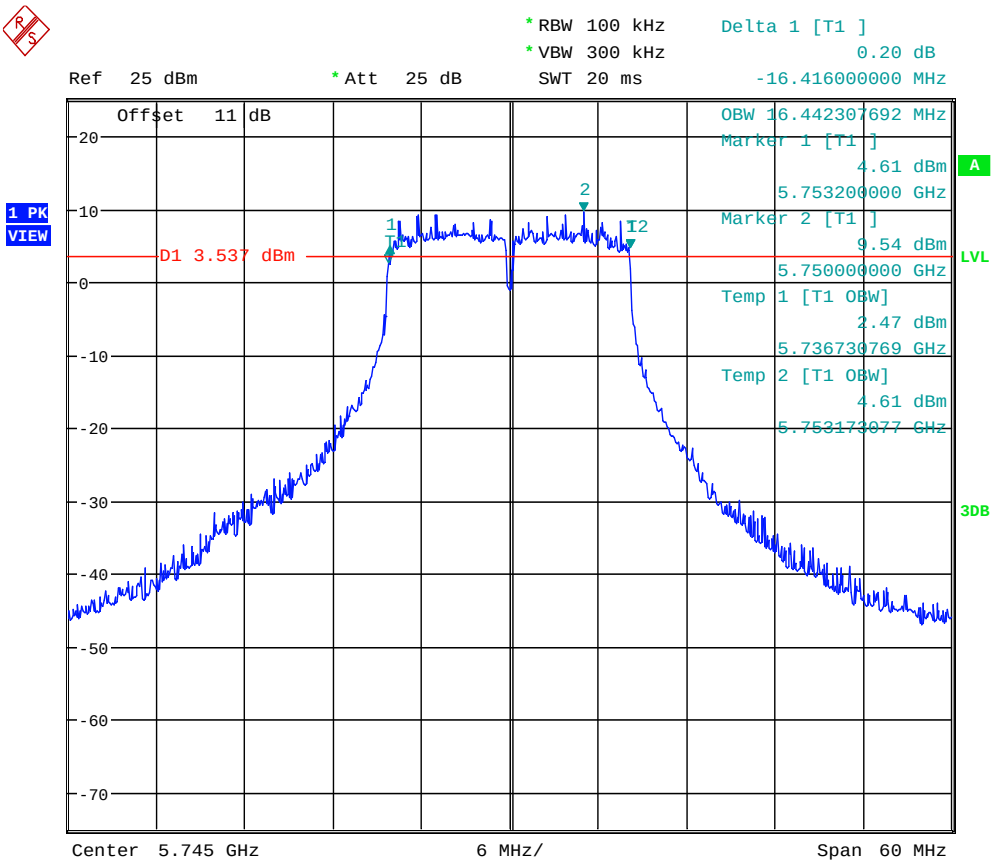
99% OBW & 26DB BANDWIDTH ANT2_11n40_CH46
Date: 17.DEC.2018 18:49:34

3.3 6dB emission bandwidth, 99% Occupied Bandwidth, FCC 15.407 (a)

According to §15.407(a). No Limit required.

Result:

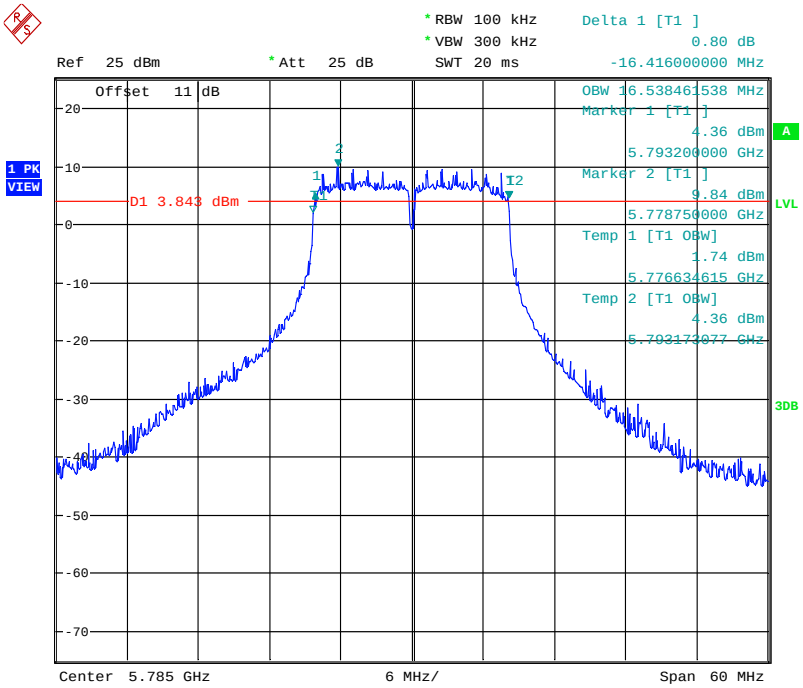
ANT1



99% OBW & 6DB BANDWIDTH ANT1_11a_CH149

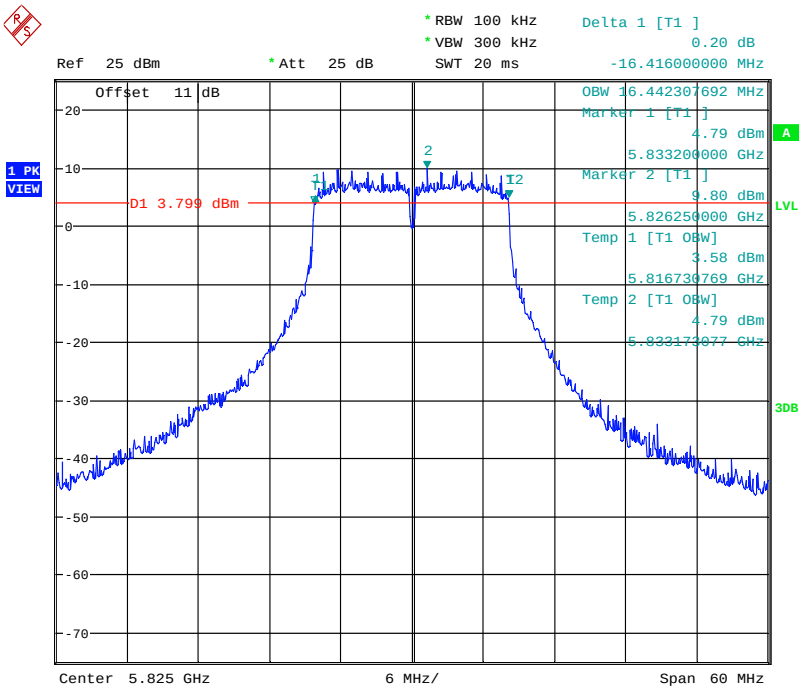
Date: 18.DEC.2018 11:41:46

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



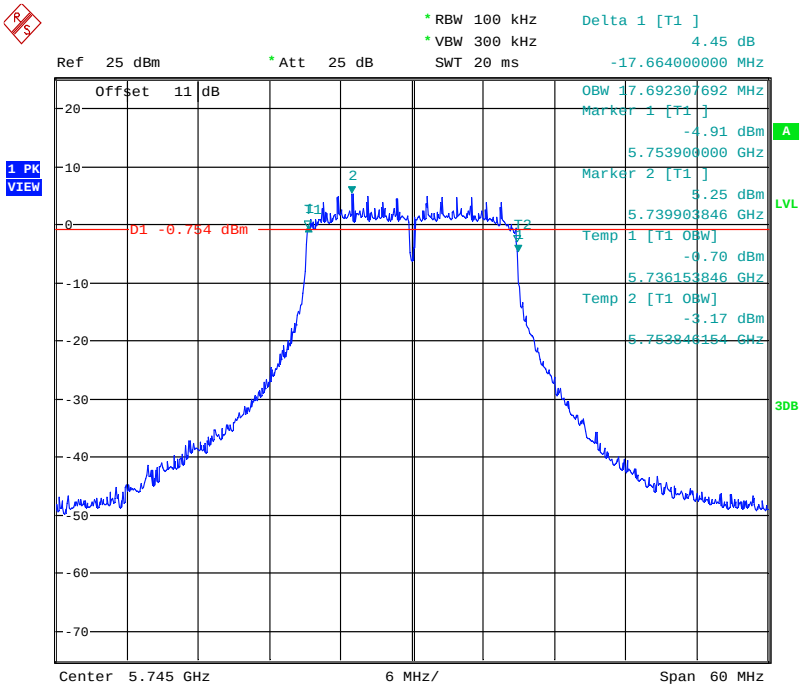
99% OBW & 6DB BANDWIDTH ANT1_11a_CH157

Date: 18.DEC.2018 11:44:14



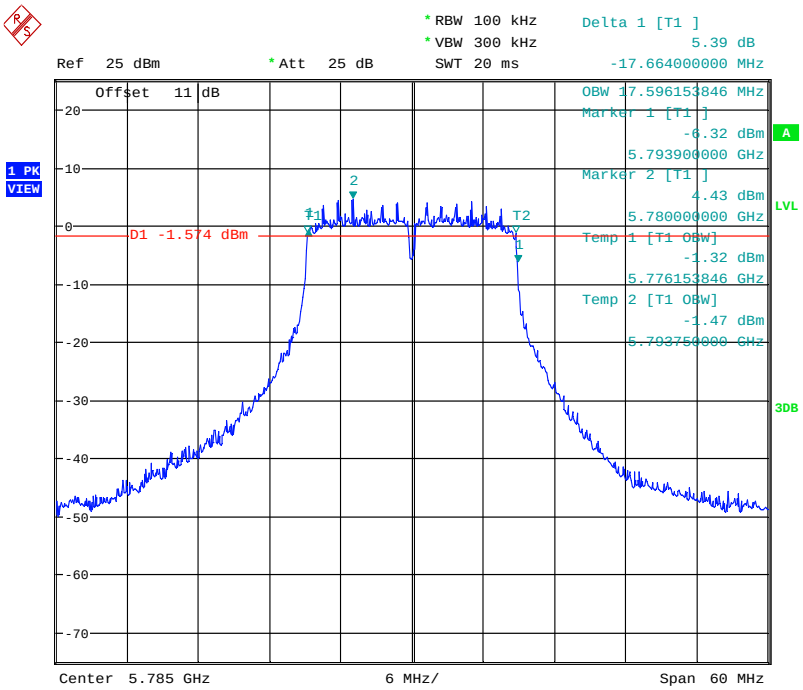
99% OBW & 6DB BANDWIDTH ANT1_11a_CH165

Date: 18.DEC.2018 11:46:04



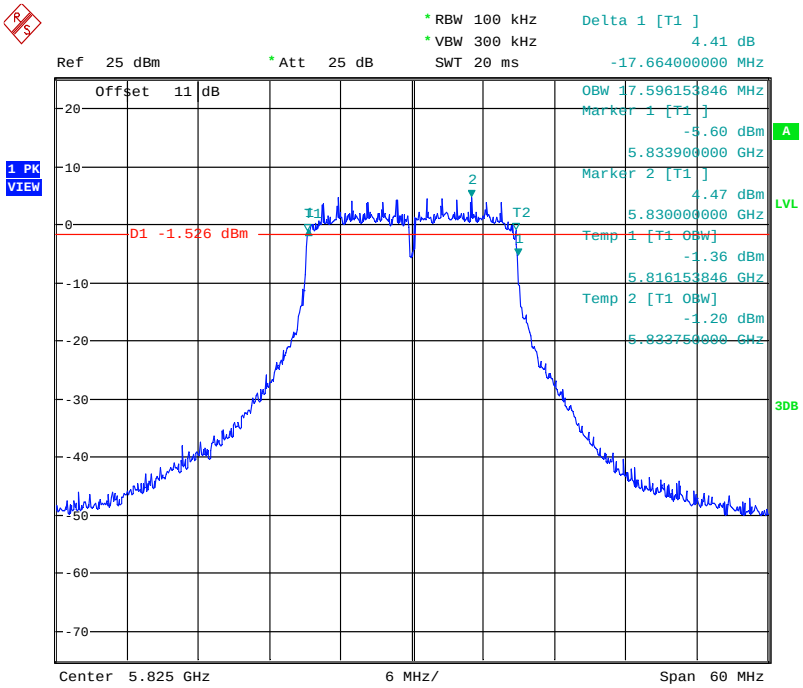
99% OBW & 6DB BANDWIDTH ANT1_11n20_CH149

Date: 18.DEC.2018 11:53:07



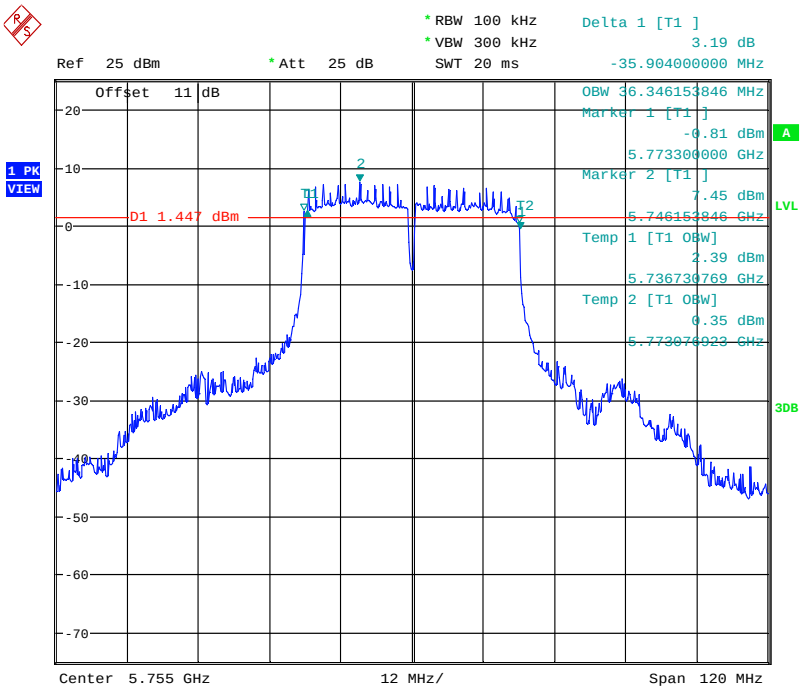
99% OBW & 6DB BANDWIDTH ANT1_11n20_CH157

Date: 18.DEC.2018 11:50:22



99% OBW & 6DB BANDWIDTH ANT1_11n20_CH165

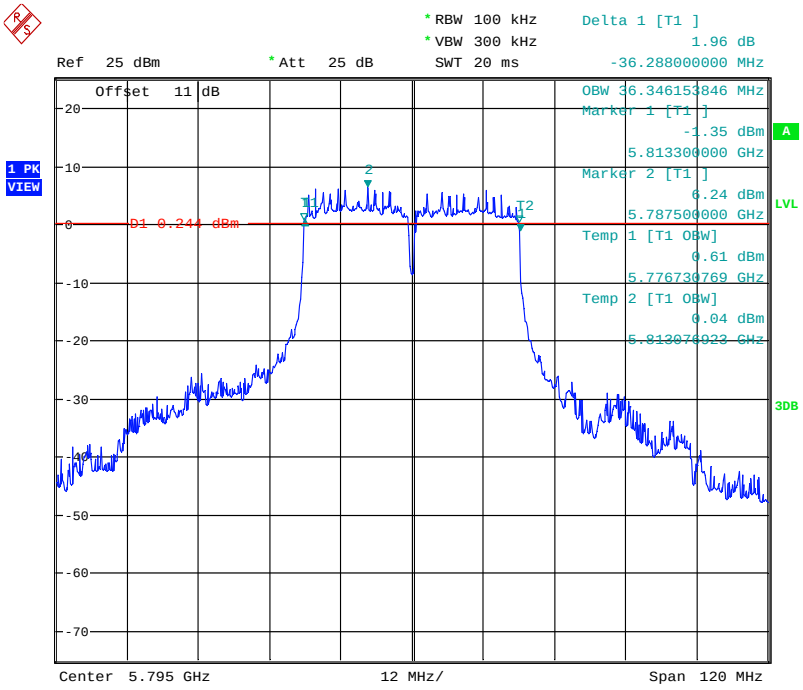
Date: 18.DEC.2018 11:48:44



99% OBW & 6DB BANDWIDTH ANT1_11n40_CH151

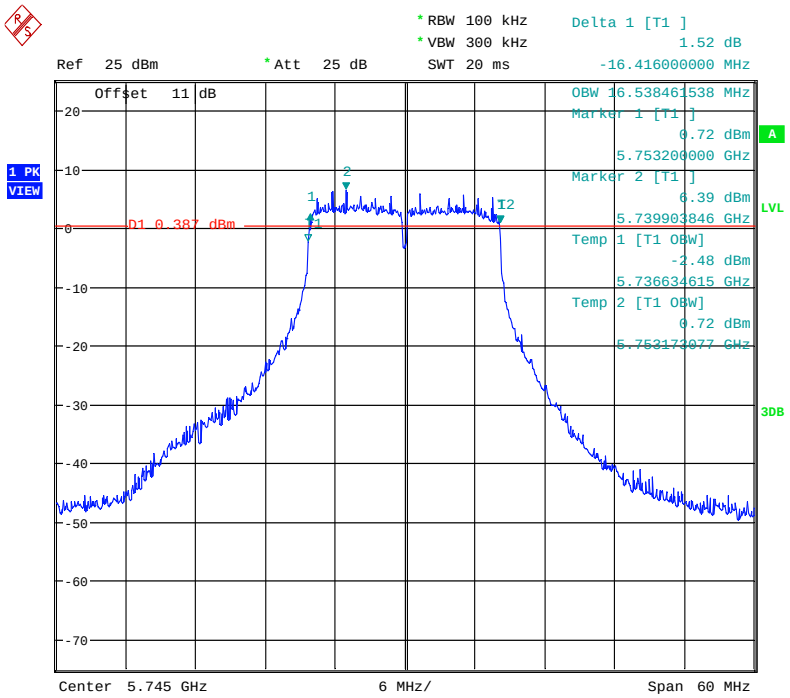
Date: 18.DEC.2018 11:55:03

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



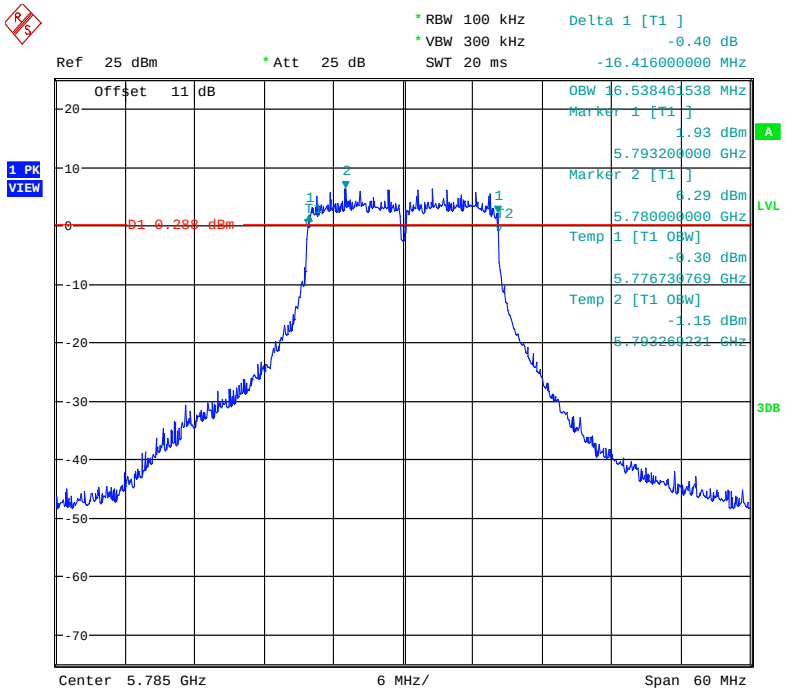
99% OBW & 6DB BANDWIDTH ANT1_11n40_CH159
Date: 18.DEC.2018 11:56:53

ANT2



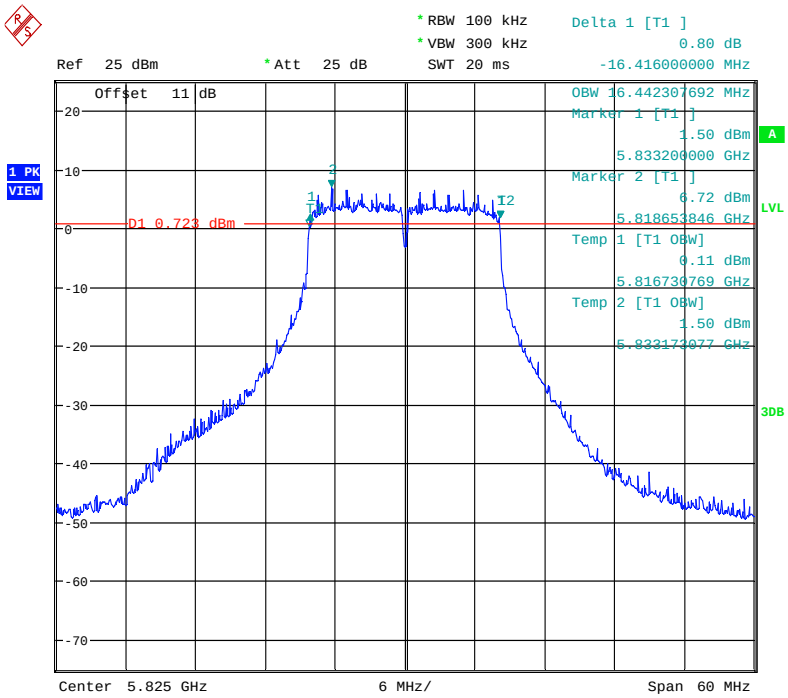
99% OBW & 6DB BANDWIDTH ANT2_11a_CH149
Date: 18.DEC.2018 13:34:30

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



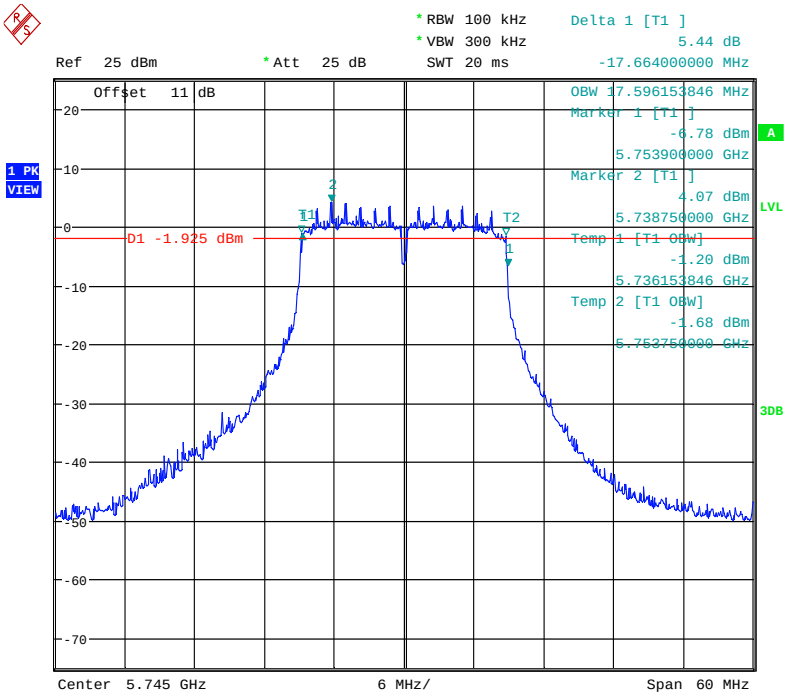
99% OBW & 6DB BANDWIDTH ANT2_11a_CH157

Date: 18.DEC.2018 13:37:04



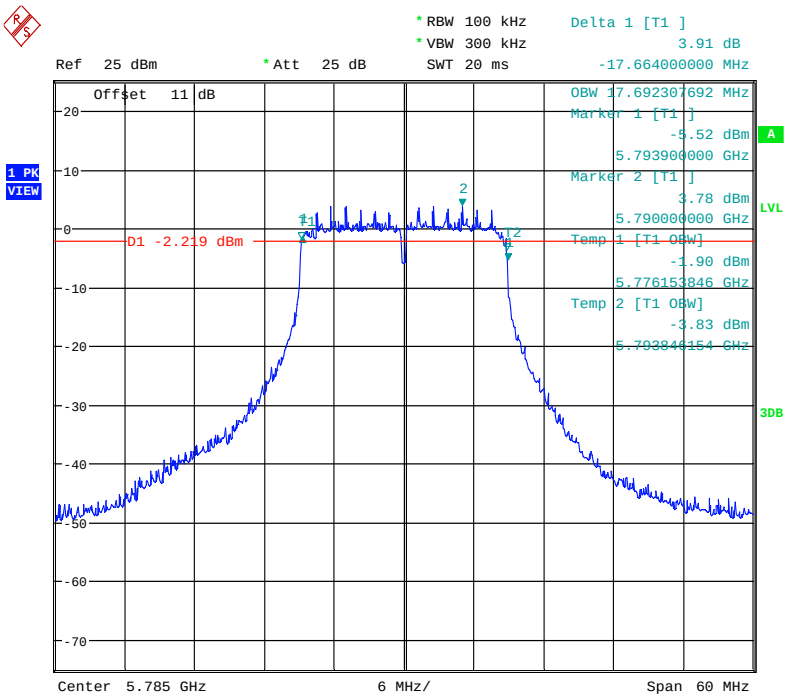
99% OBW & 6DB BANDWIDTH ANT2_11a_CH165

Date: 18.DEC.2018 13:38:48



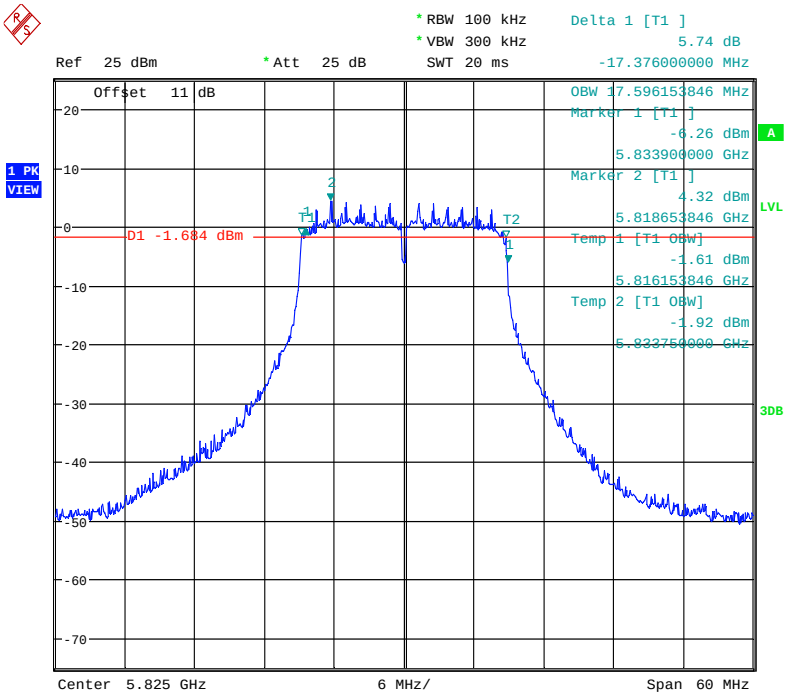
99% OBW & 6DB BANDWIDTH ANT2_11n20_CH149

Date: 18.DEC.2018 13:44:02



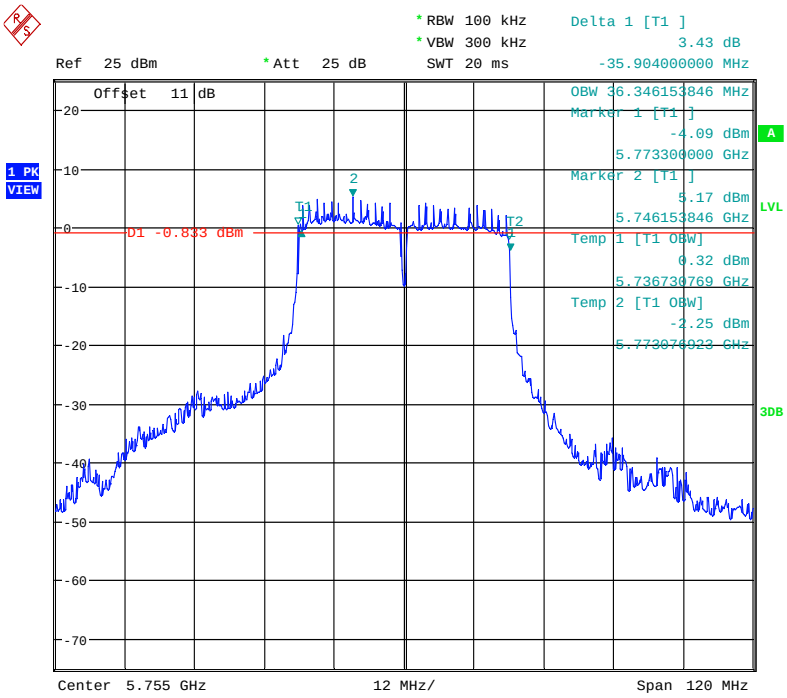
99% OBW & 6DB BANDWIDTH ANT2_11n20_CH157

Date: 18.DEC.2018 13:42:23



99% OBW & 6DB BANDWIDTH ANT2_11n20_CH165

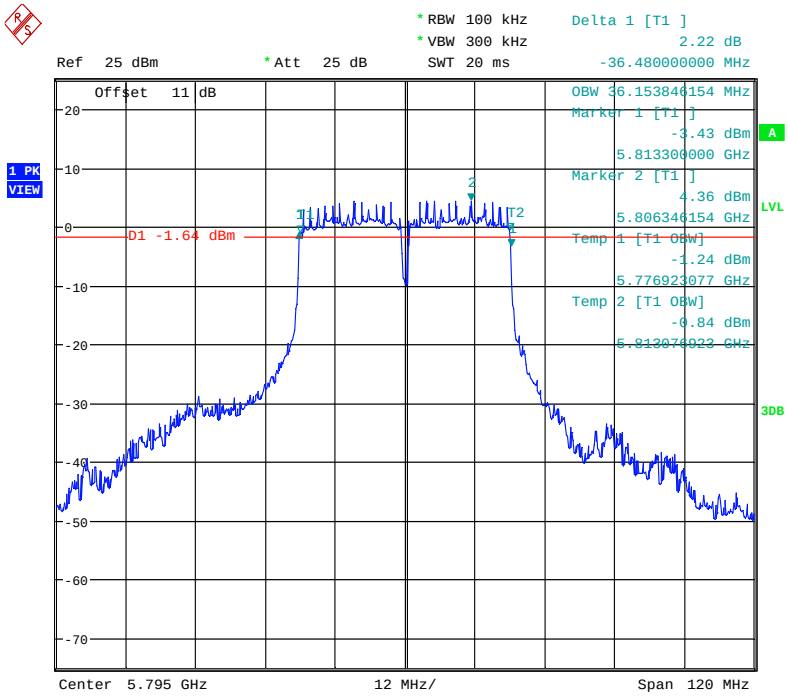
Date: 18.DEC.2018 13:40:33



99% OBW & 6DB BANDWIDTH ANT2_11n40_CH151

Date: 18.DEC.2018 13:31:06

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



99% OBW & 6DB BANDWIDTH ANT2_11n40_CH159
Date: 18.DEC.2018 13:32:51

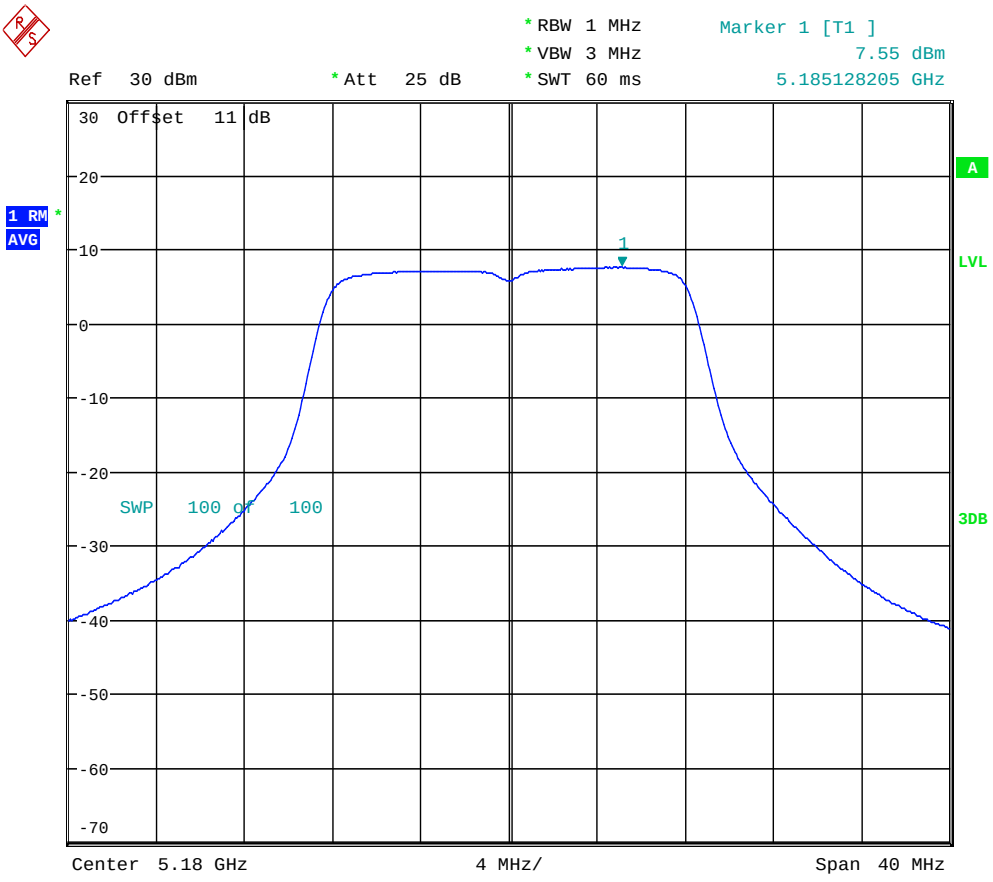
Test equipment used: ETSTW-RE 055, ETSTW-RE 050

3.4 Peak Power Spectral Density, FCC 15.407 (a)

According to §15.407(a)

1. For the band 5.15-5.25 GHz, the peak power spectral density shall not exceed 17 dBm/MHz for master device and 11 dBm/MHz for mobile/portable client device.
2. For the band 5.25-5.35 GHz and 5.47-5.725 GHz, the peak power spectral density shall not exceed 11 dBm/MHz.
3. For the band 5.725-5.850 GHz, the peak power spectral density shall not exceed 30 dBm/500kHz.

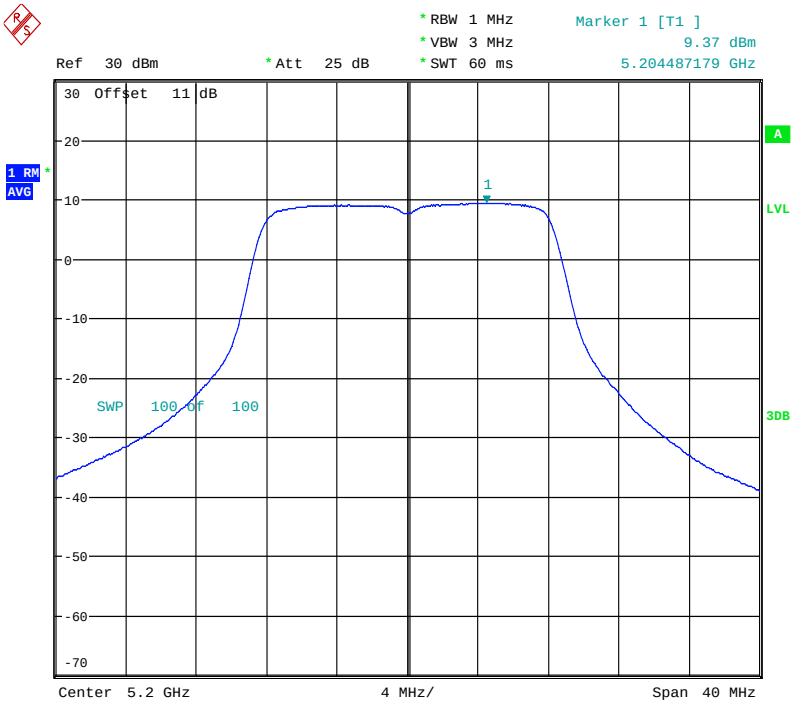
Band 1
ANT1



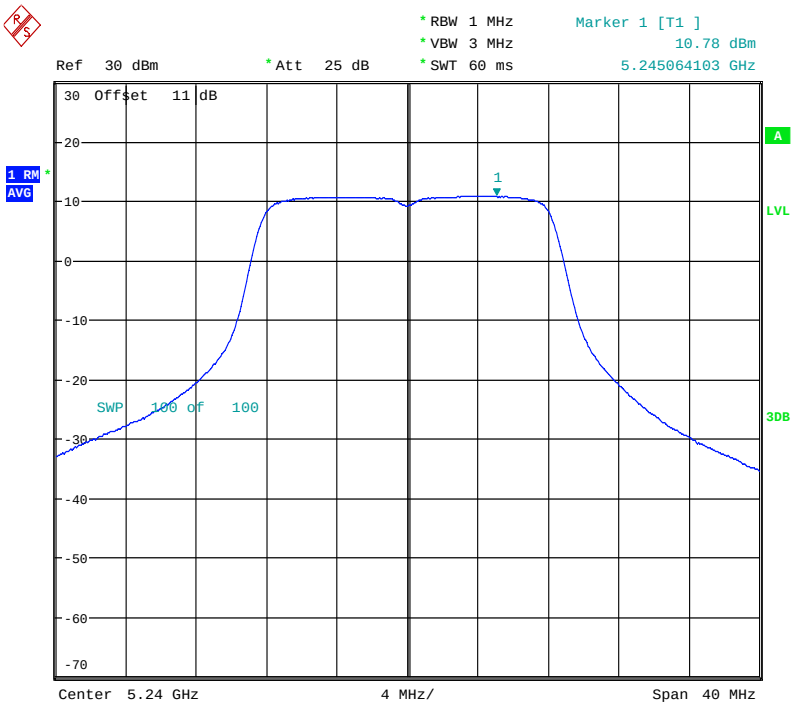
POWER DENSITY AV ANT111aCH36

Date: 17.DEC.2018 17:59:34

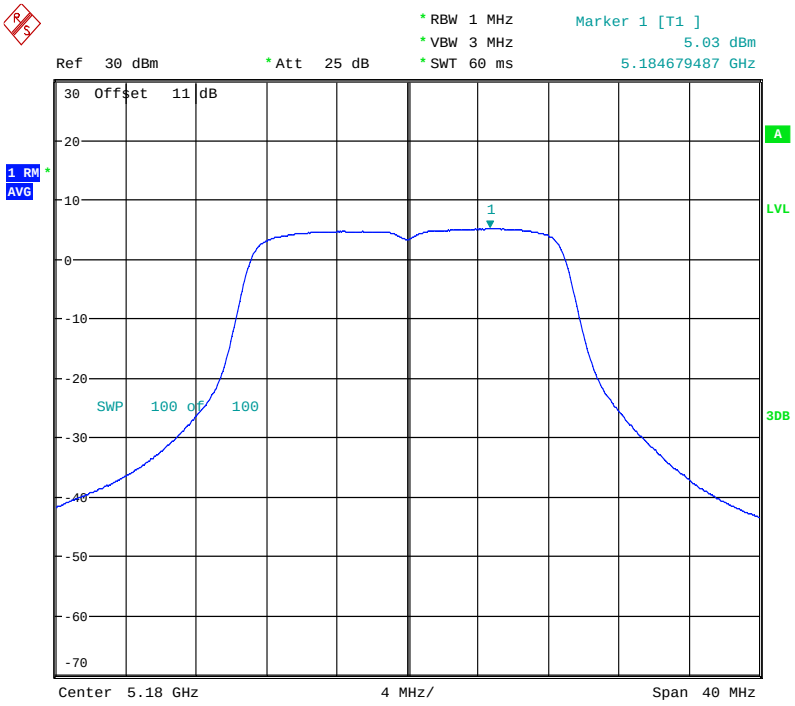
Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



POWER DENSITY AV ANT111aCH40
Date: 17.DEC.2018 18:01:24

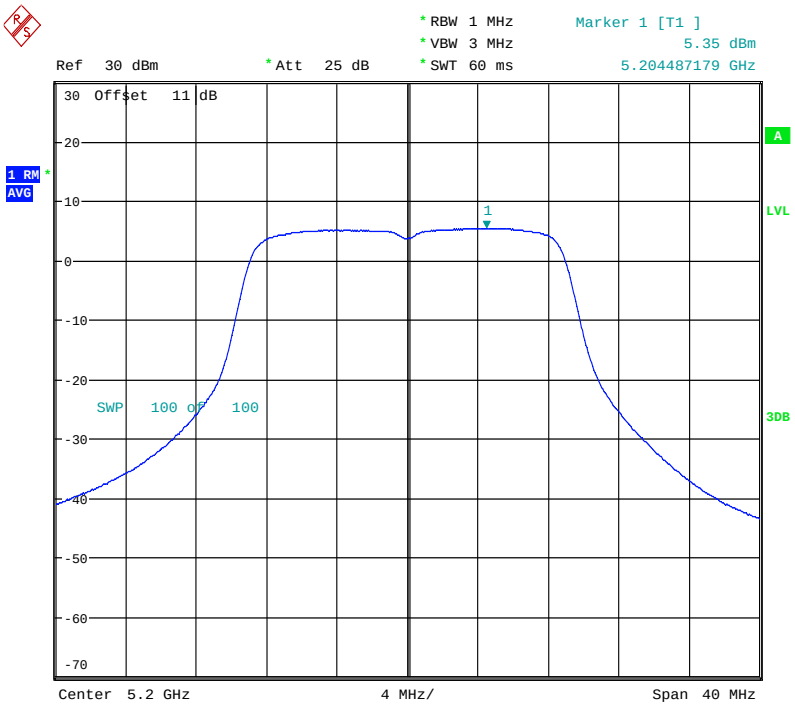


POWER DENSITY AV ANT111aCH48
Date: 18.DEC.2018 14:04:01



POWER DENSITY AV ANT111n20CH36

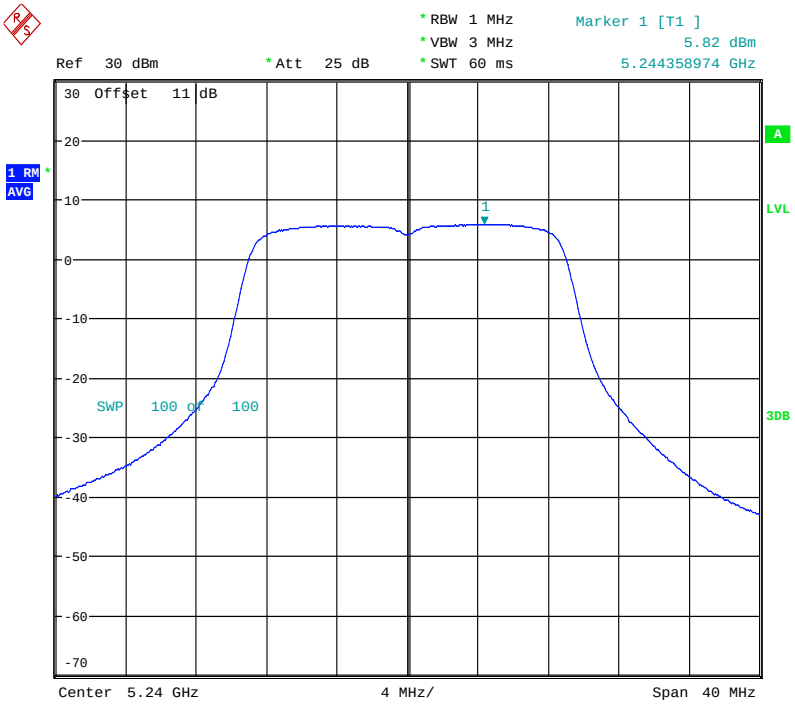
Date: 17.DEC.2018 18:13:38



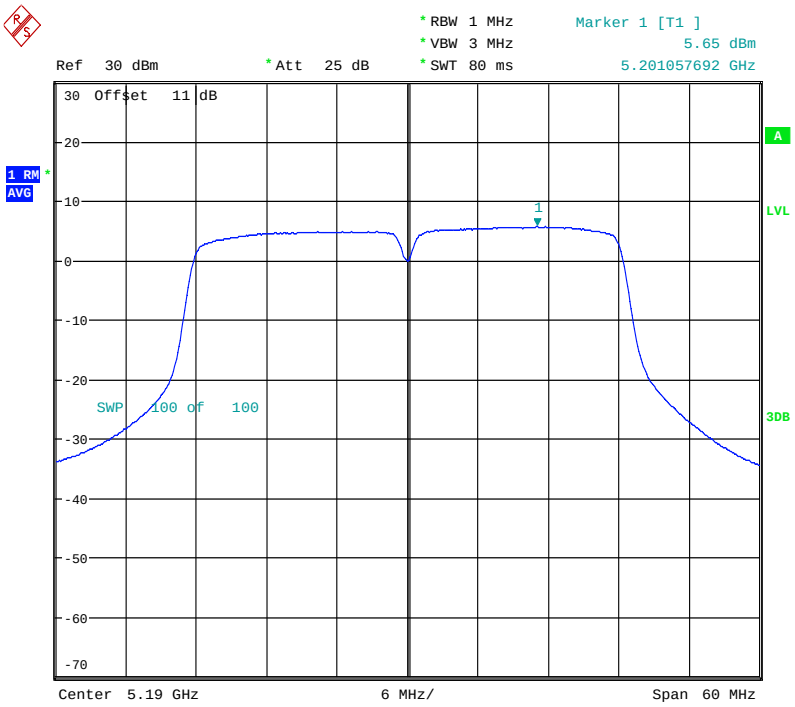
POWER DENSITY AV ANT111n20CH40

Date: 17.DEC.2018 18:11:48

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

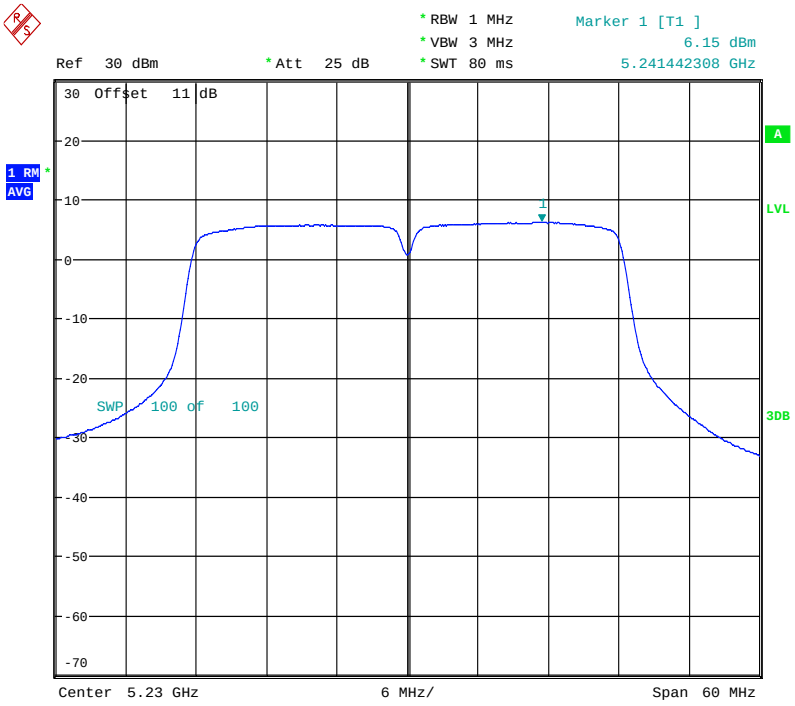


POWER DENSITY AV ANT111n20CH48
Date: 17.DEC.2018 18:10:11



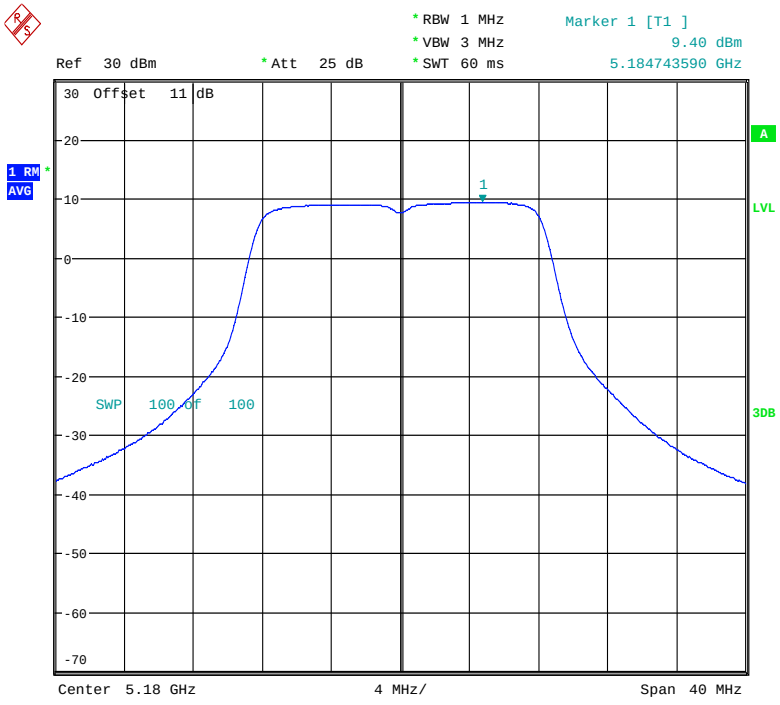
POWER DENSITY AV ANT111n40CH38
Date: 17.DEC.2018 18:16:26

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



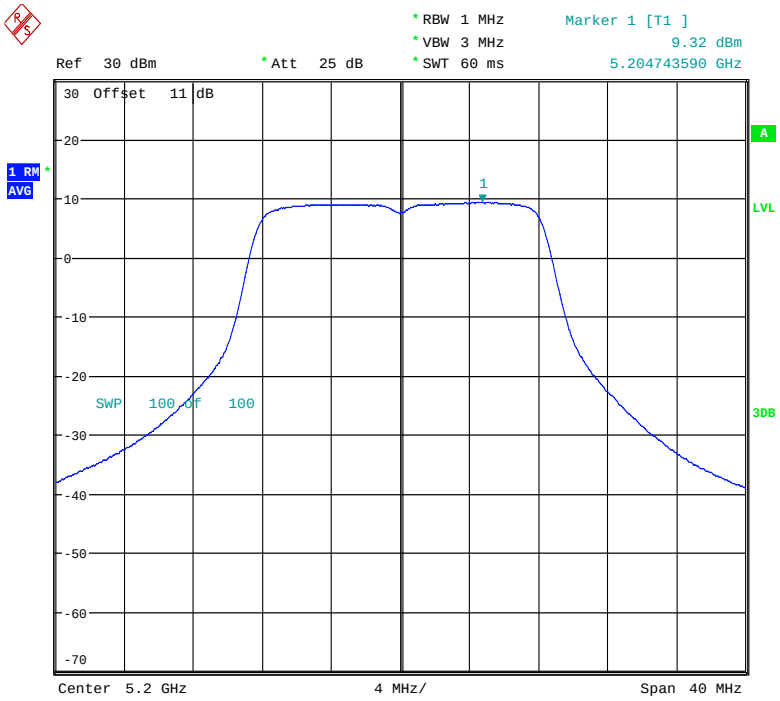
POWER DENSITY AV ANT111n40CH46
Date: 17.DEC.2018 18:18:26

ANT2

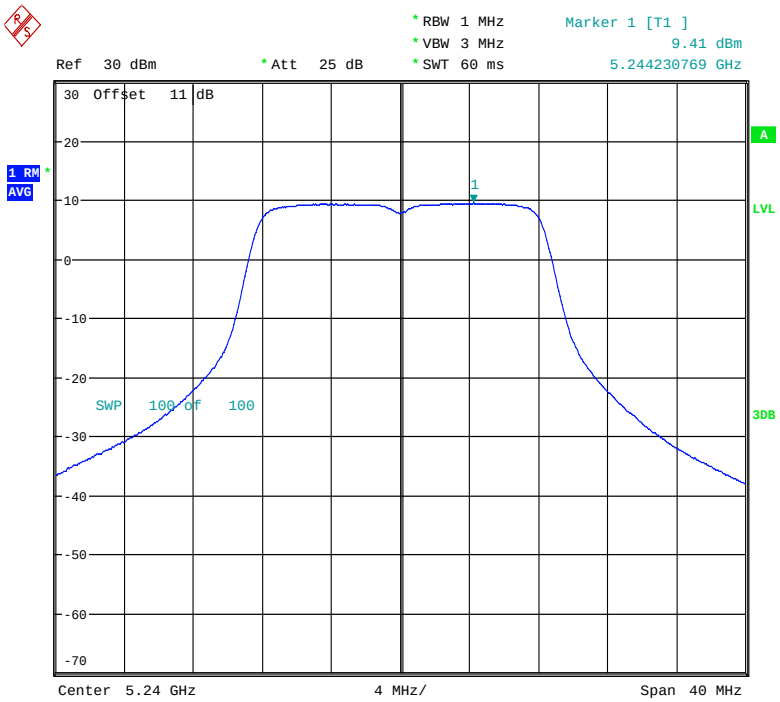


POWER DENSITY AV ANT211aCH36
Date: 17.DEC.2018 19:04:33

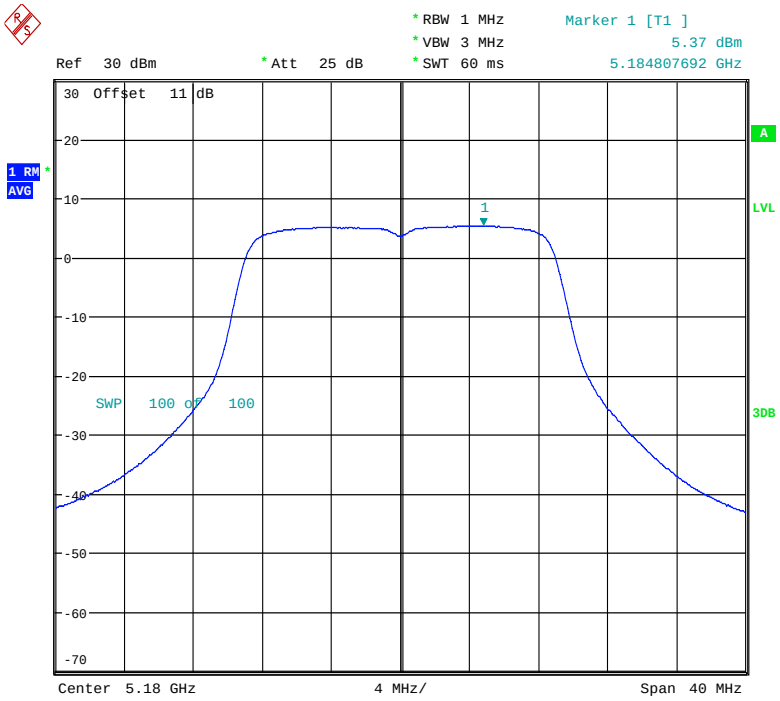
Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



POWER DENSITY AV ANT211aCH40
Date: 17.DEC.2018 19:02:49

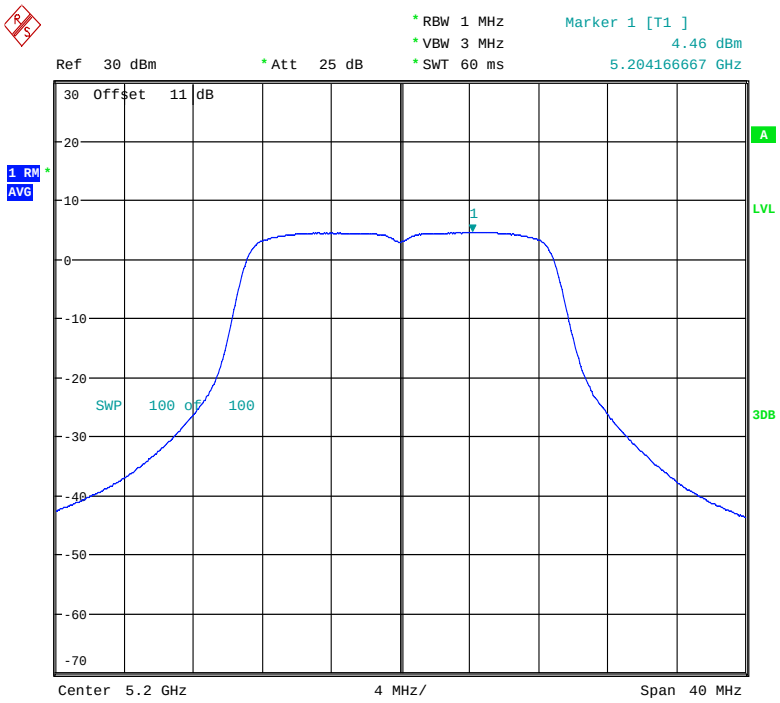


POWER DENSITY AV ANT211aCH48
Date: 17.DEC.2018 19:01:18



POWER DENSITY AV ANT211n20CH36

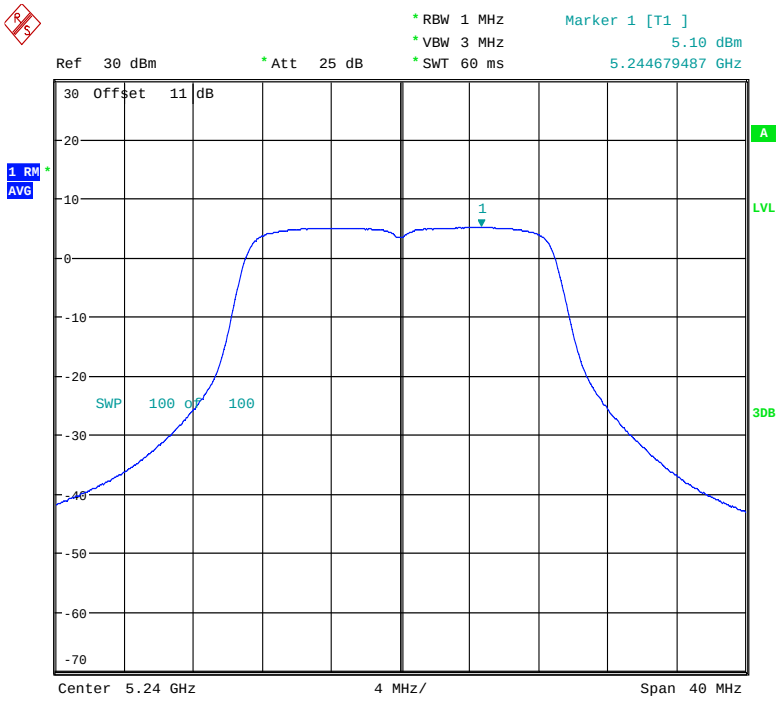
Date: 17.DEC.2018 18:54:03



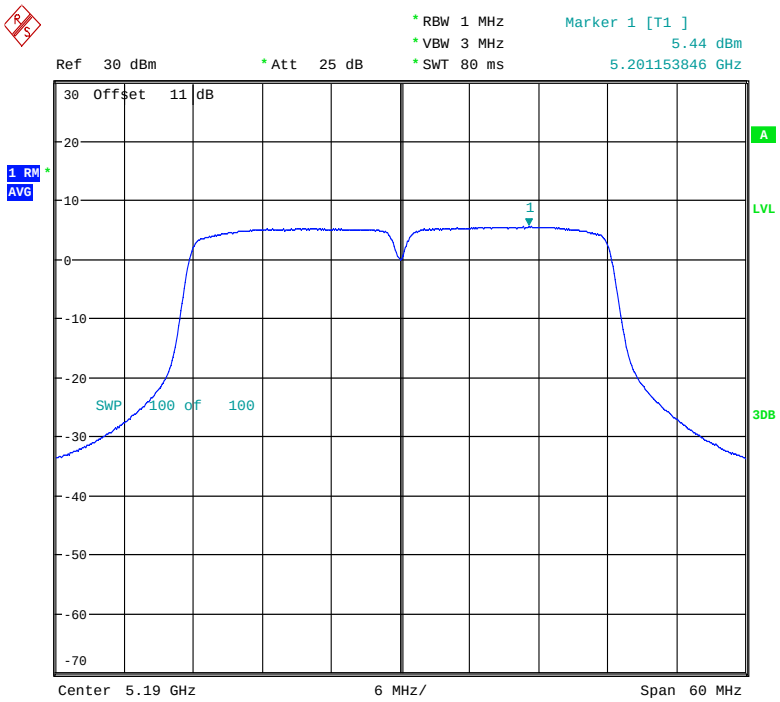
POWER DENSITY AV ANT211n20CH40

Date: 17.DEC.2018 18:33:15

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

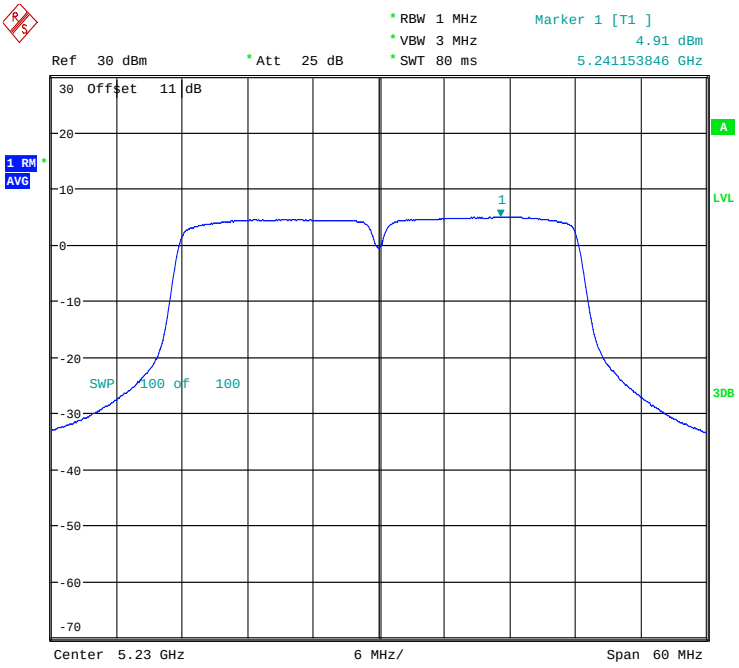


POWER DENSITY AV ANT211n20CH48
Date: 17.DEC.2018 18:59:47



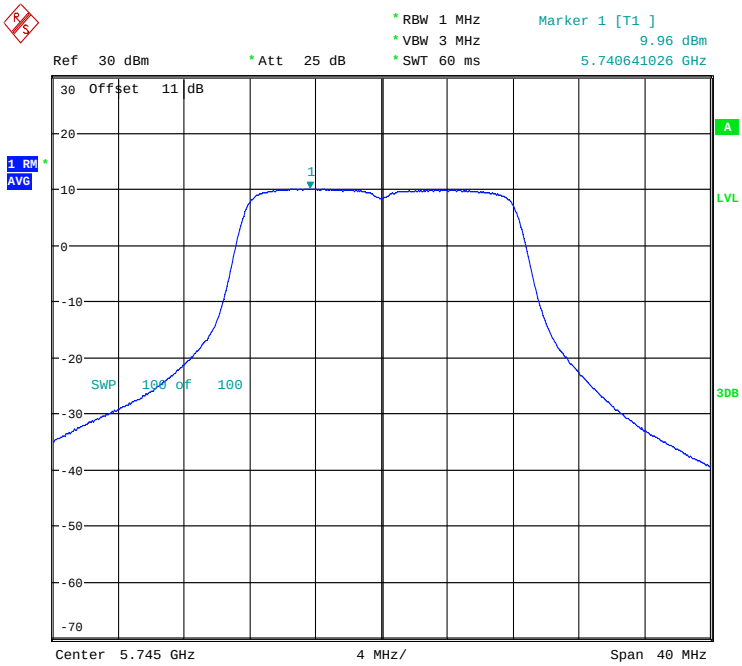
POWER DENSITY AV ANT211n40CH38
Date: 17.DEC.2018 18:47:41

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

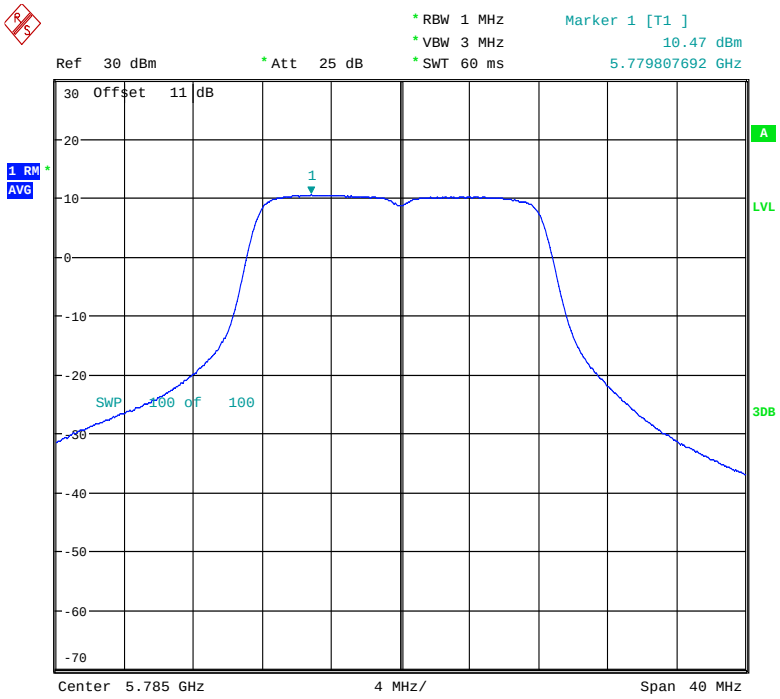


POWER DENSITY AV ANT211n40CH46
Date: 17.DEC.2018 18:49:19

Band 4
ANT1

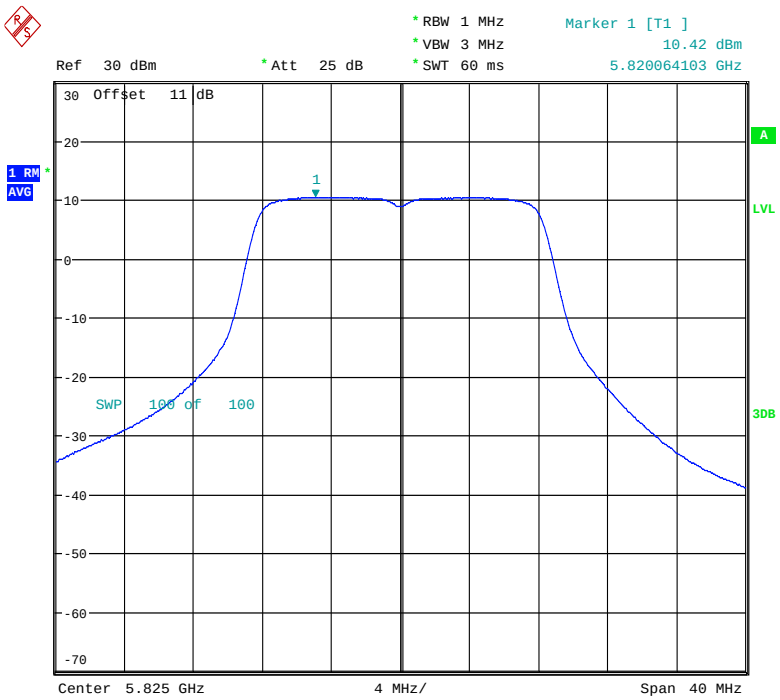


POWER DENSITY AV ANT111aCH149
Date: 18.DEC.2018 11:41:28



POWER DENSITY AV ANT111aCH157

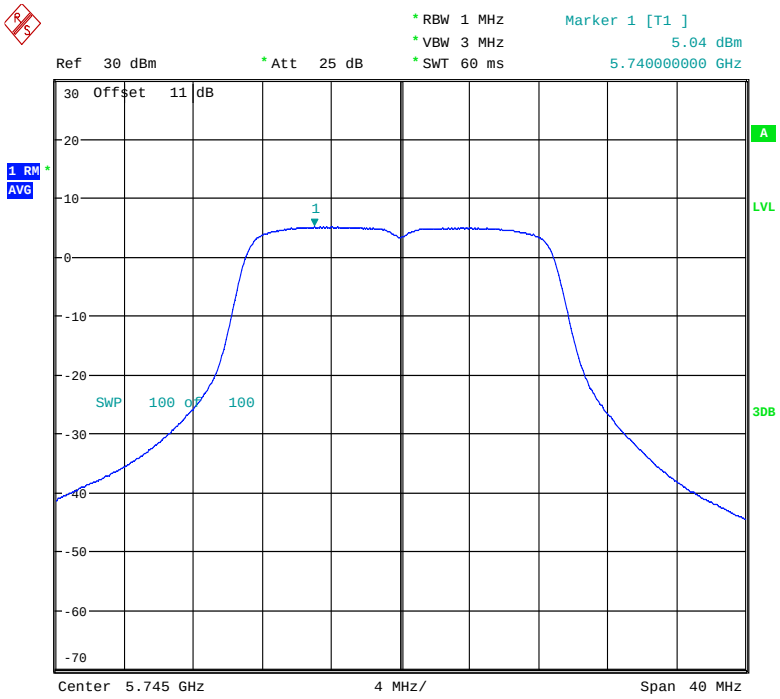
Date: 18.DEC.2018 11:43:57



POWER DENSITY AV ANT111aCH165

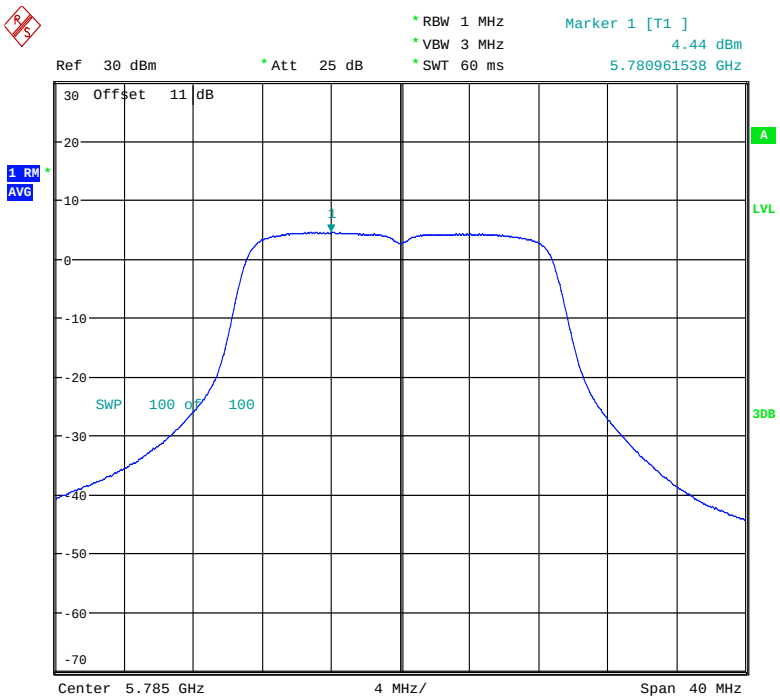
Date: 18.DEC.2018 11:45:48

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



POWER DENSITY AV ANT111n20CH149

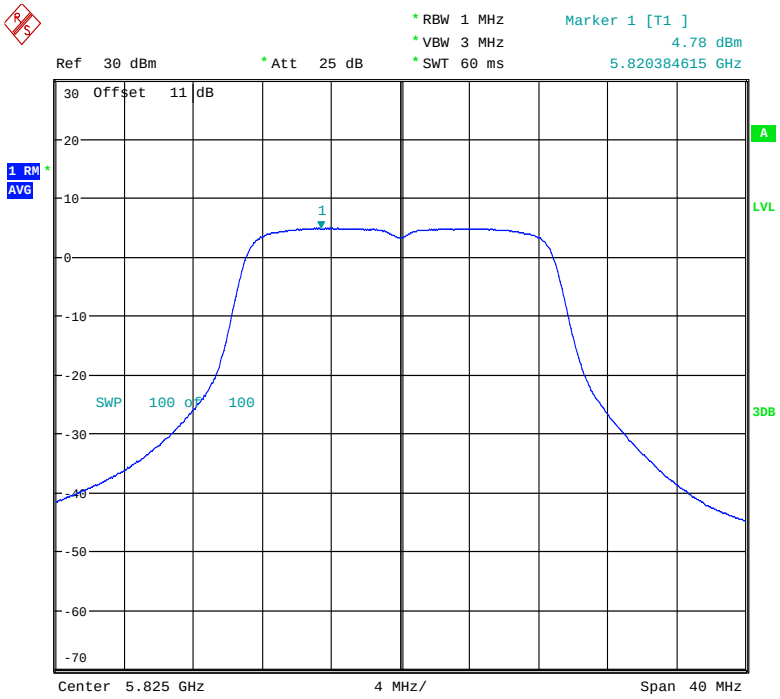
Date: 18.DEC.2018 11:52:50



POWER DENSITY AV ANT111n20CH157

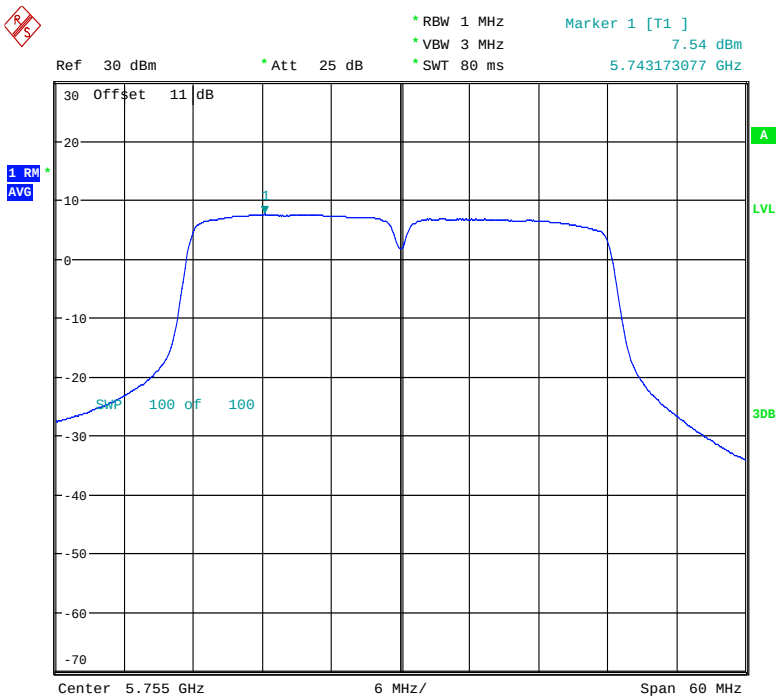
Date: 18.DEC.2018 11:50:08

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



POWER DENSITY AV ANT111n20CH165

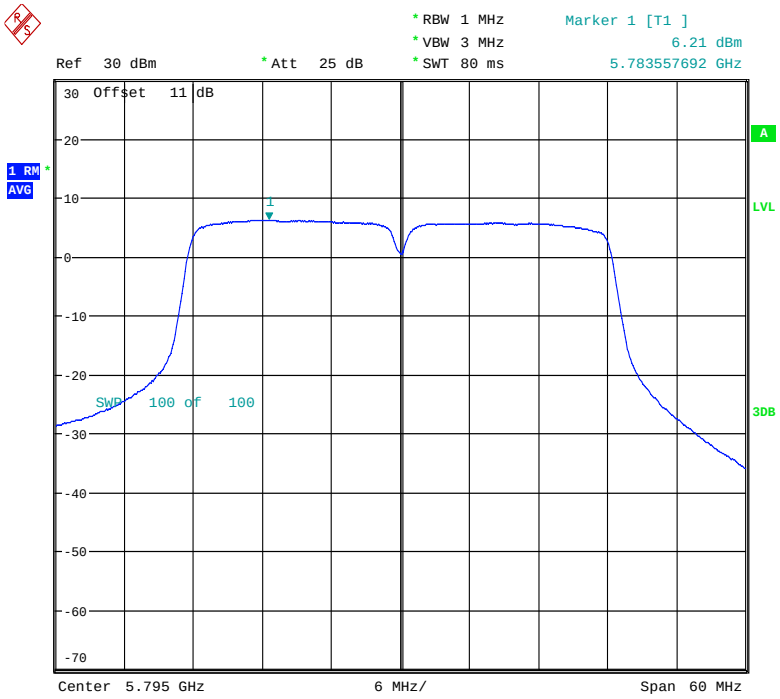
Date: 18.DEC.2018 11:48:30



POWER DENSITY AV ANT111n40CH151

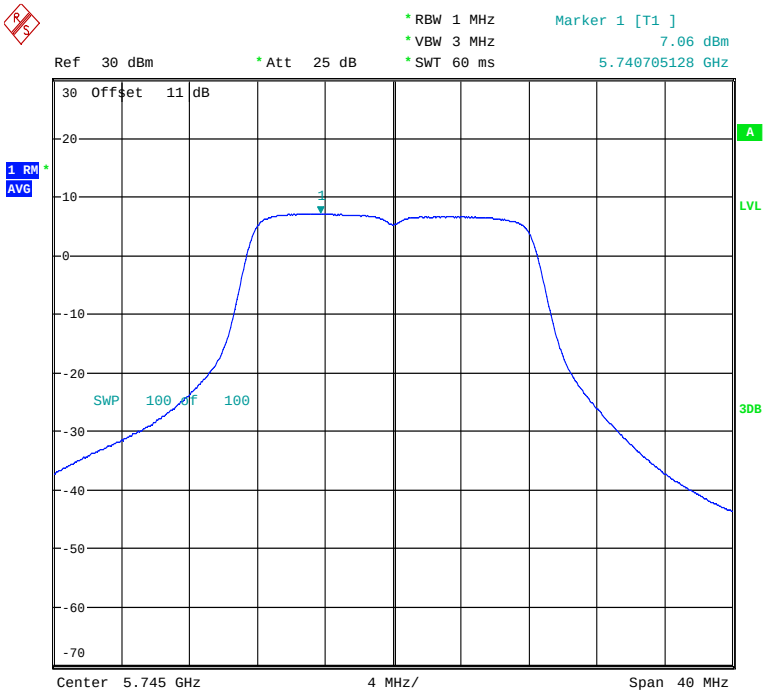
Date: 18.DEC.2018 11:54:44

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

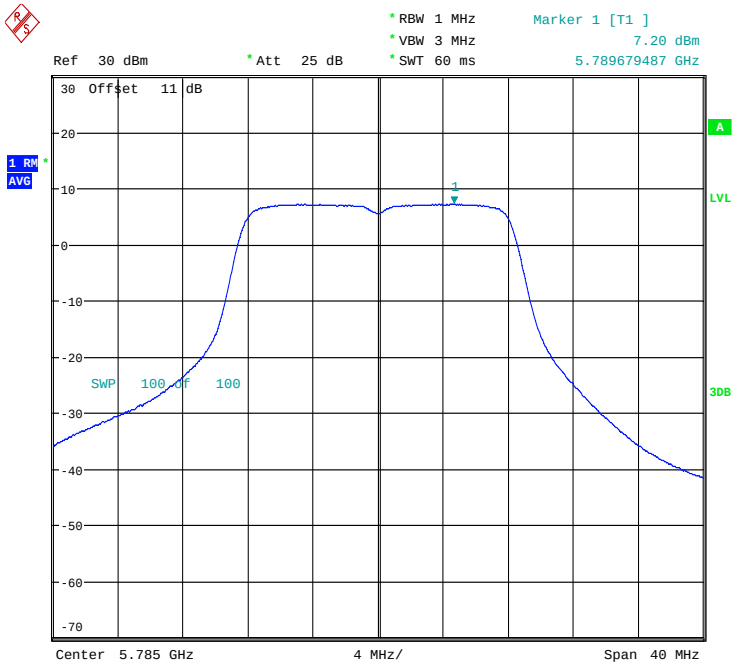


POWER DENSITY AV ANT111n40CH159
Date: 18.DEC.2018 11:56:37

ANT2

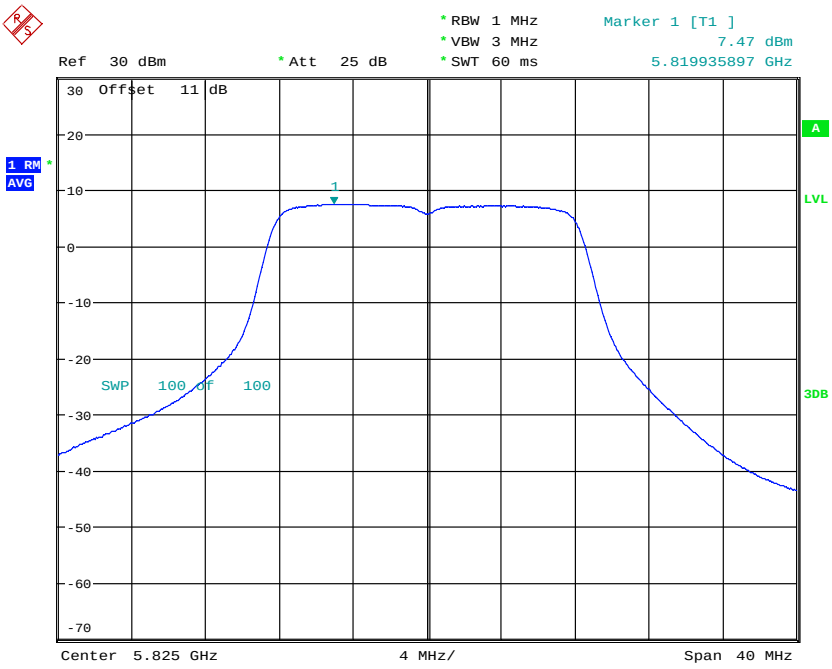


POWER DENSITY AV ANT211aCH149
Date: 18.DEC.2018 13:34:13



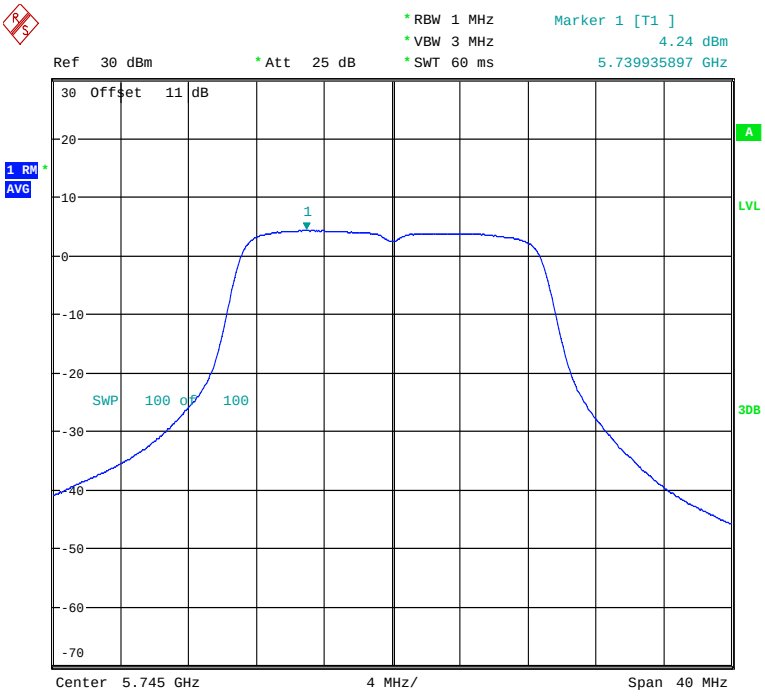
POWER DENSITY AV ANT211aCH157

Date: 18.DEC.2018 13:36:49



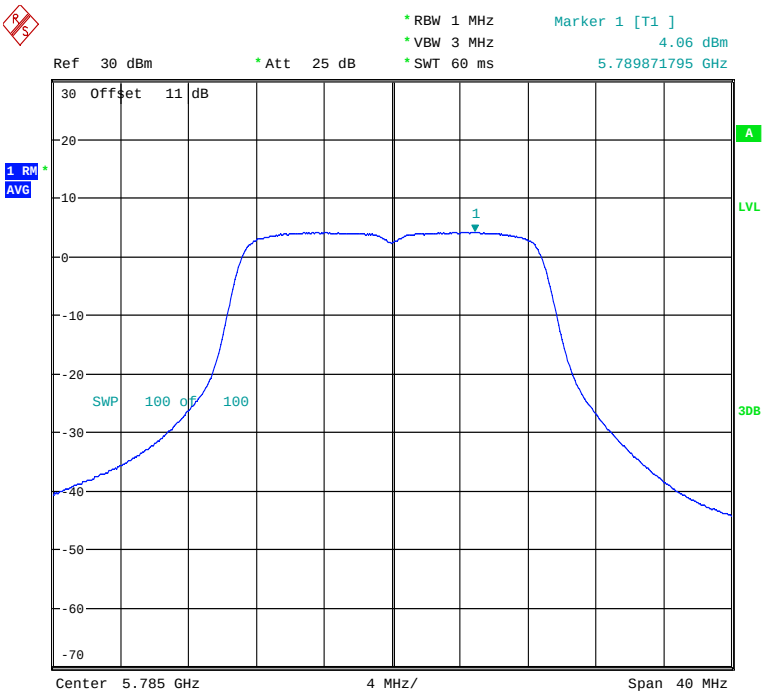
POWER DENSITY AV ANT211aCH165

Date: 18.DEC.2018 13:38:33



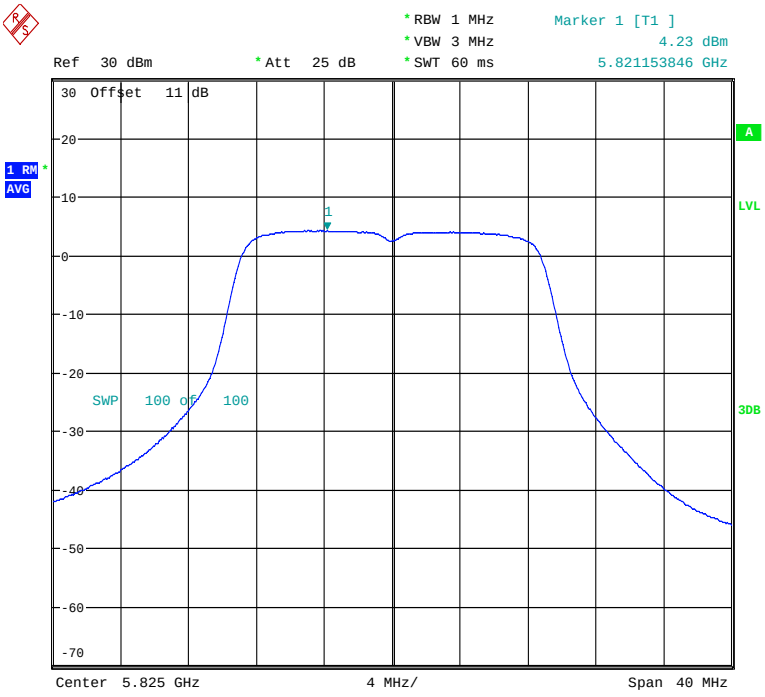
POWER DENSITY AV ANT211n20CH149

Date: 18.DEC.2018 13:43:45



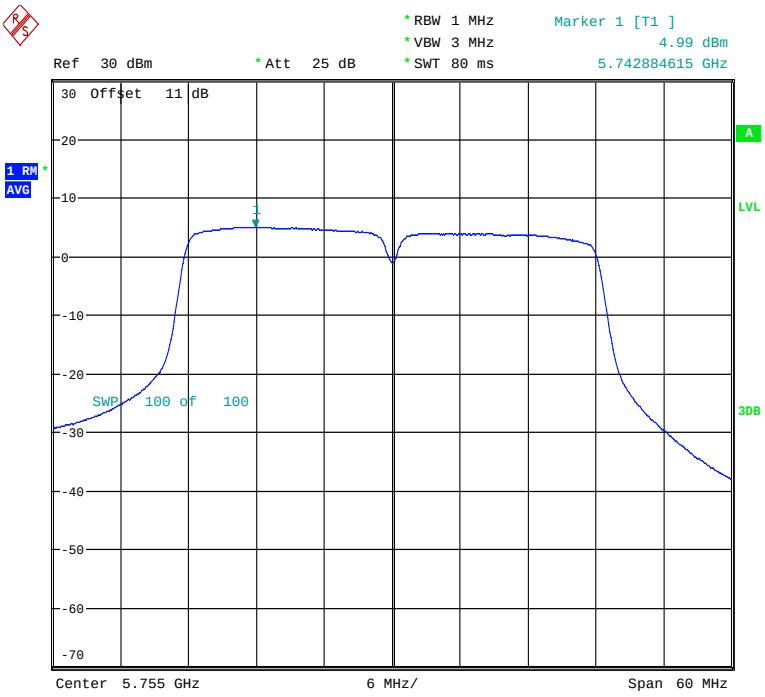
POWER DENSITY AV ANT211n20CH157

Date: 18.DEC.2018 13:42:08



POWER DENSITY AV ANT211n20CH165

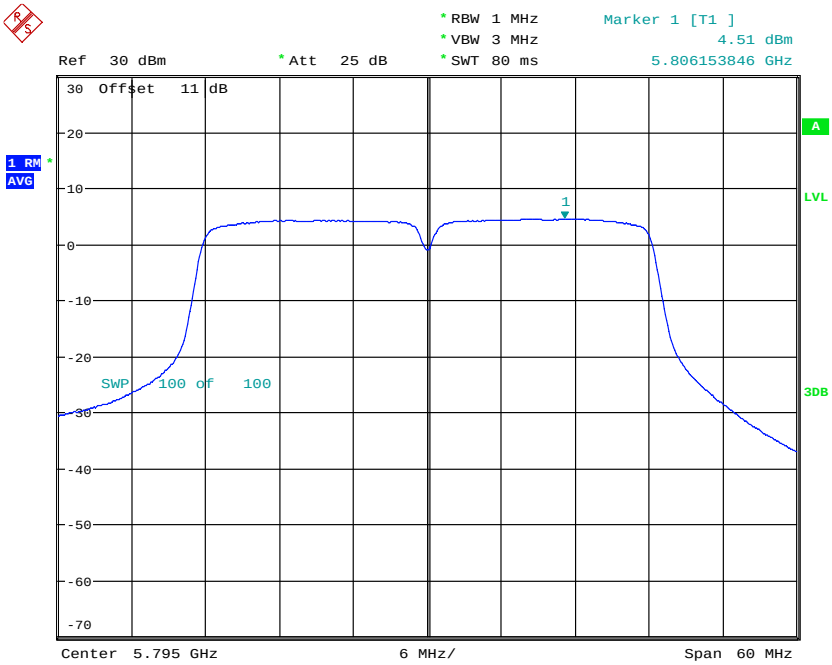
Date: 18.DEC.2018 13:40:17



POWER DENSITY AV ANT211n40CH151

Date: 18.DEC.2018 13:30:51

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01



POWER DENSITY AV ANT211n40CH159
Date: 18.DEC.2018 13:32:36

Band 1

ANT1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	3.184	3.428	3.819	5.03	5.35	5.82
802.11n 40MHz	3.673	-	4.121	5.65	-	6.15
ANT2	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	3.443	2.793	3.236	5.37	4.46	5.10
802.11n 40MHz	3.499	-	3.097	5.44	-	4.91
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	CH High
802.11n 20MHz	6.627	6.221	7.055	8.21	7.94	8.49
802.11n 40MHz	7.172	-	7.218	8.56	-	8.58

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

Band 4

ANT1	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	3.192	2.78	3.006	5.04	4.44	4.78
802.11n 40MHz	5.675	-	4.178	7.54	-	6.21
ANT2	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	2.655	2.547	2.649	4.24	4.06	4.23
802.11n 40MHz	3.155	-	2.825	4.99	-	4.51
Combine	mW			dBm		
	Ch Low	Ch Mid	Ch High	Ch Low	Ch Mid	Ch High
802.11n 20MHz	5.847	5.327	5.655	7.67	7.27	7.52
802.11n 40MHz	8.830	-	7.003	9.46	-	8.45

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

3.5 Undesirable emission limits, FCC 15.407 (b)

1. For transmitters operating in the 5.15–5.25 GHz band: all emissions out-side of the 5.15–5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz.
2. For transmitters operating in the 5.25–5.35 GHz band: all emissions out-side of the 5.15–5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz. De-vices operating in the 5.25–5.35 GHz band that generate emissions in the 5.15–5.25 GHz band must meet all appli-cable technical requirements for operation in the 5.15–5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15–5.25 GHz band.
3. For transmitters operating in the 5.47–5.725 GHz band: all emissions out-side of the 5.47–5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.
4. For transmitters operating in the 5.725–5.850 GHz band: All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.
5. The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
6. Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209.
7. According to According to KDB 789033 D02 General UNII Test Procedures v01, as specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.
8. If radiated measurements are performed, field strength is then converted to EIRP as follows:
   (i) EIRP = ((E*d)^2) / 30, where: E is the field strength in V/m; d is the measurement distance in meters. EIRP is the equivalent isotropically radiated power in watts.
   (ii) Working in dB units, the above equation is equivalent to: EIRP[dBm] = E[dBμV/m] + 20 log(d[meters]) - 104.77.
   (iii) Or, if d is 3 meters: EIRP[dBm] = E[dBμV/m] - 95.2.

Applicable to	Limit	
☒	FIELD STRENGTH at 3m (dBμV/m)	
	PK	AV
	74	54
☐	EIRP LIMIT (dBm)	EQUIVALENT FIELD STRENGTH at 3m (dBμV/m)
	PK	PK
	-27	68.3

Registration number: W6M21811-18613-C-54
FCC ID:WHD-OWMHDS6311-01

Model:	OWMH-DS6311-01	Date:	--		
Mode:	--	Temperature:	--	°C	Engineer: --
Polarization:	Horizontal	Humidity:	--	%	

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

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

Polarization: Vertical

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

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

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

Explanation: See attached diagrams in appendix.

3.6 Automatic Discontinuation of transmission, FCC 15.407 (c)

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure.
This function will be declared by manufacturer.

3.7 Reserved, FCC 15.407 (d)

3.8 Indoor Operation Restriction, FCC 15.407 (e)

Within the 5.15–5.25 GHz band, U- NII devices will be restricted to indoor operations to reduce any potential for harmful interference to co-channel MSS operations. This equipment has to be declared by manufacturer of the final product as content of the user manual.

3.9 Equivalent isotropic radiated power, FCC 15.407 (f)

FCC Rule: 15.407(b)(3)
For systems using digital modulation in the 5.150 GHz-5.250 GHz and 5.725 GHz-5.850GHz 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

3.10 RF Exposure Compliance Requirements

ystems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 0.25 m normally can be maintained between the user and the device.
FCC OET Bulletin 65 Edition 97.01 determines the equations for predicting RF fields and applicable limits.
The prediction for power density in the far-field but will over-predict power density in the near field, where it could be used for walking a “worst case” or conservative prediction.

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

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

Band 1

Item	Unit	Value	**Remarks**
P	mW	200.12	Peak value
D	dB		
AG	dBi	9.01	
G		7.9616	Calculated Value
R	cm	20	Assumed value
S	mW/cm2	0.3170	Calculated value

Band 4

Item	Unit	Value	**Remarks**
P	mW	220.87	Peak value
D	dB		
AG	dBi	9.01	
G		7.9616	Calculated Value
R	cm	20	Assumed value
S	mW/cm2	0.3498	Calculated value

Limits:

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

3.11 Transmit Power Control (TPC)

Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Explanation: The EUT operates 5150 MHz – 5250 MHz and 5725 MHz-5850 MHz , so this test item is not required.

3.12 Radiated Emissions from Receiver Part

Model: OWMH-DS6311-01 Date: --
Mode: -- Temperature: -- °C Engineer: --
Polarization: Horizontal Humidity: -- %

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

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

Polarization: Vertical

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

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

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

Explanation: See attached diagrams in appendix.

3.13 Power Line Conducted Emission

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

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

Model:	OWMH-DS6311-01	Date:	--		
Mode:	--	Temperature:	-- °C	Engineer:	--
Polarization:	--	Humidity:	-- %		

Frequency (MHz)	Reading (dBuV) QP	Reading (dBuV) Ave.	Factor (dB) Corr.	Result (dBuV) QP	Result (dBuV) Ave.	Limit (dBuV) QP	Limit (dBuV) Ave.	Margin (dB)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

Polarization: --

Frequency (MHz)	Reading (dBuV) QP	Reading (dBuV) Ave.	Factor (dB) Corr.	Result (dBuV) QP	Result (dBuV) Ave.	Limit (dBuV) QP	Limit (dBuV) Ave.	Margin (dB)
--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--

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 = ±1.54 dB; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2. The decision rule is "false acceptance".
6. Up Line: QP Limit Line, Down Line: Ave Limit Line.
7. This test is not required because the EUT uses DC power supply.

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

Appendix

Measurement diagrams

Spurious Emissions radiated

TX ANT 1

The worst case

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

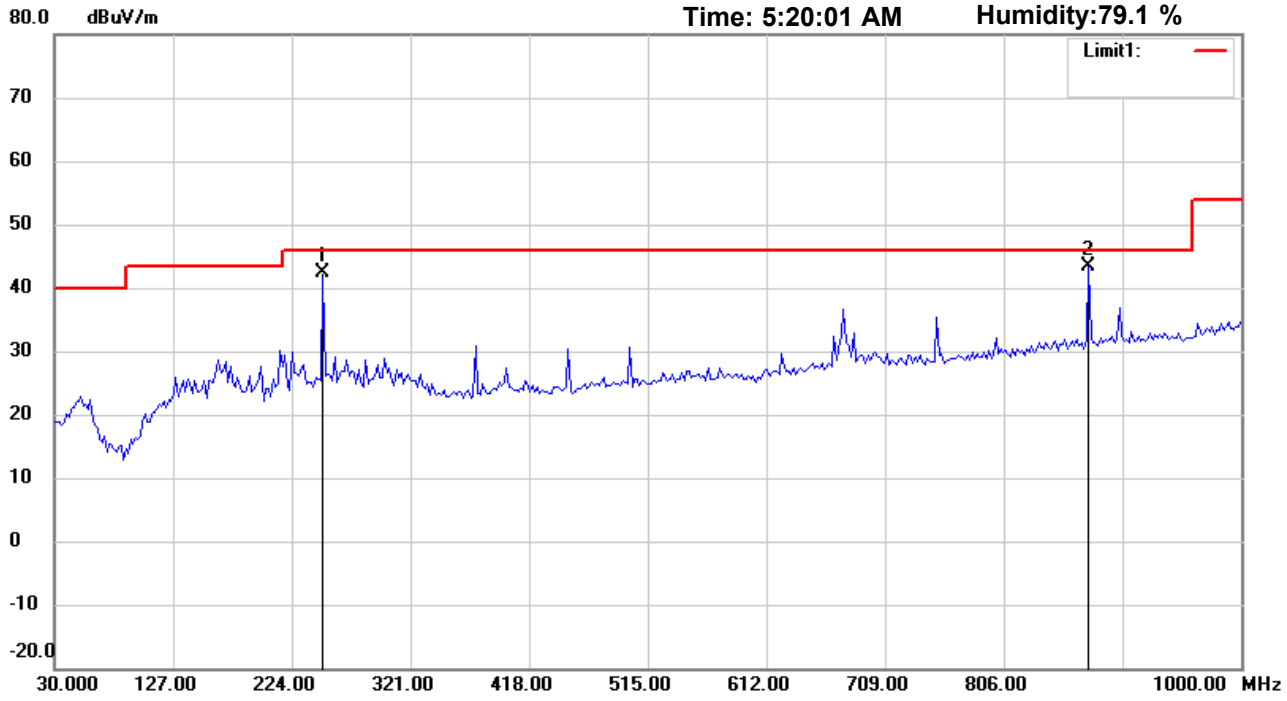
Radiated Emission Measurement

Operator: Allen

File :1 Data :#1 Date: 12/15/2018 Time: 5:20:01 AM

Temperature:18.1 ℃

Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class E_30-1000MHz

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	249.6593	49.68	QP	-7.39	42.29	46.00	125	330	-3.71	
*	875.5912	38.94	peak	4.40	43.34	46.00	100	60	-2.66	

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

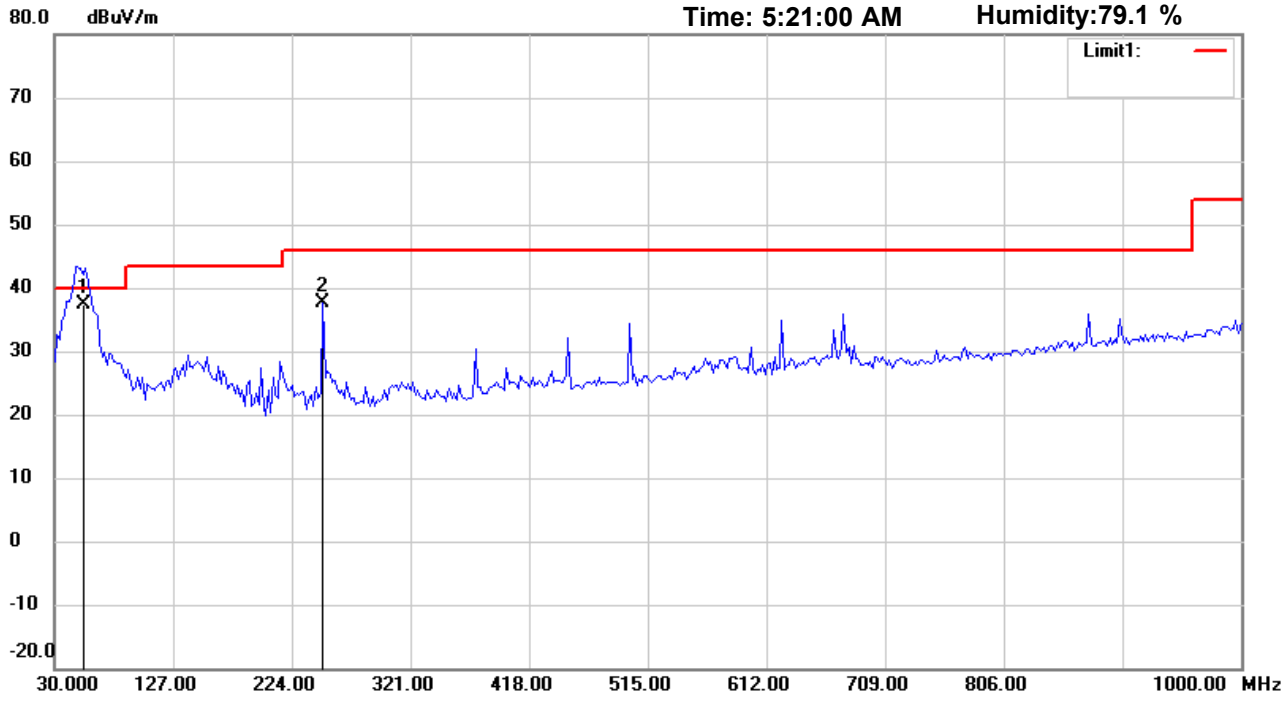
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :1 Data :#2 Date: 12/15/2018 Time: 5:21:00 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class E_30-1000MHz

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.6371	47.67	QP	-10.30	37.37	40.00	100	355	-2.63	
	249.6593	44.99	peak	-7.39	37.60	46.00	100	80	-8.40	

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

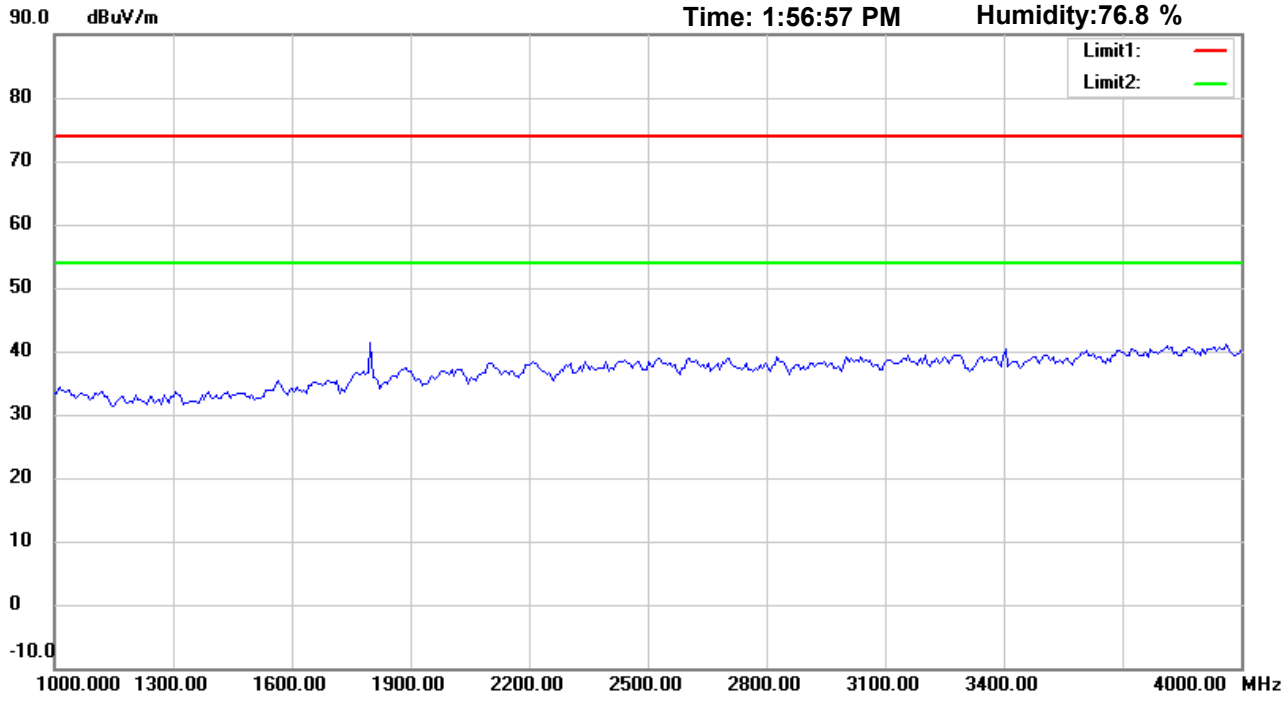
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#1 Date: 12/11/2018 Time: 1:56:57 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

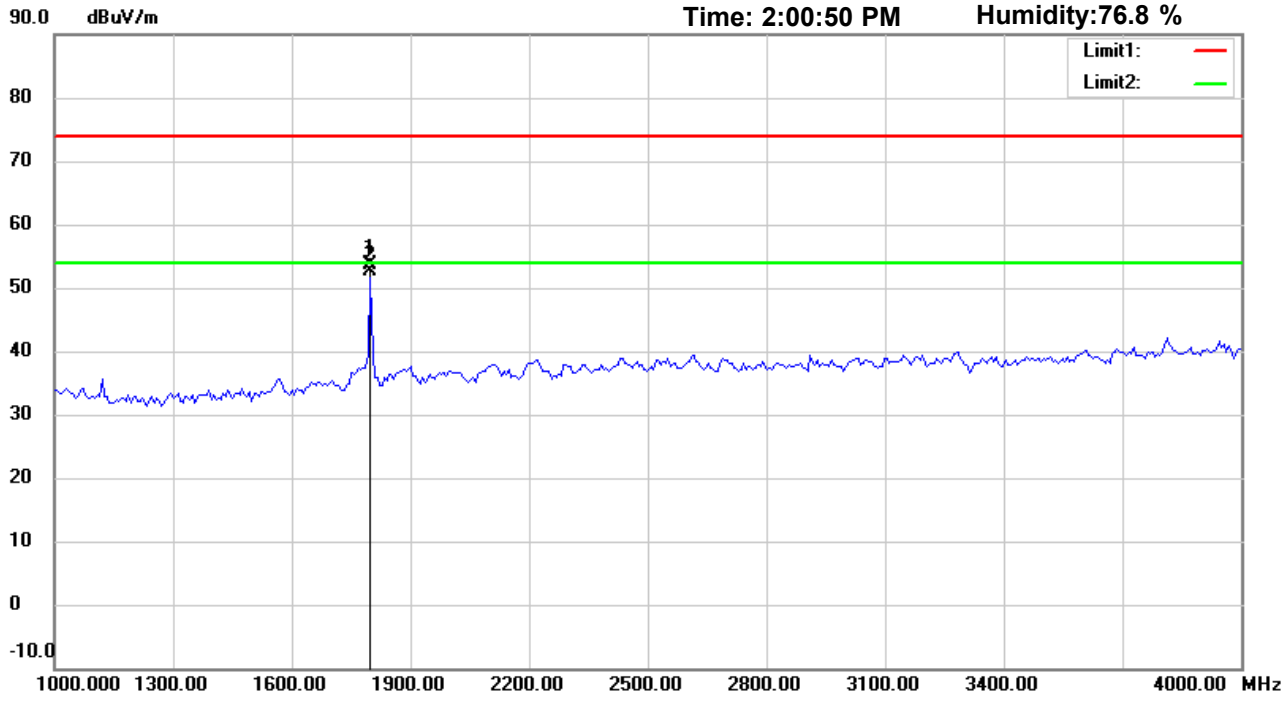
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#7 Date: 12/11/2018 Time: 2:00:50 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	60.18	peak	-6.52	53.66	74.00	150	250	-20.34	
*	1799.599	59.20	AVG	-6.52	52.68	54.00	150	250	-1.32	

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

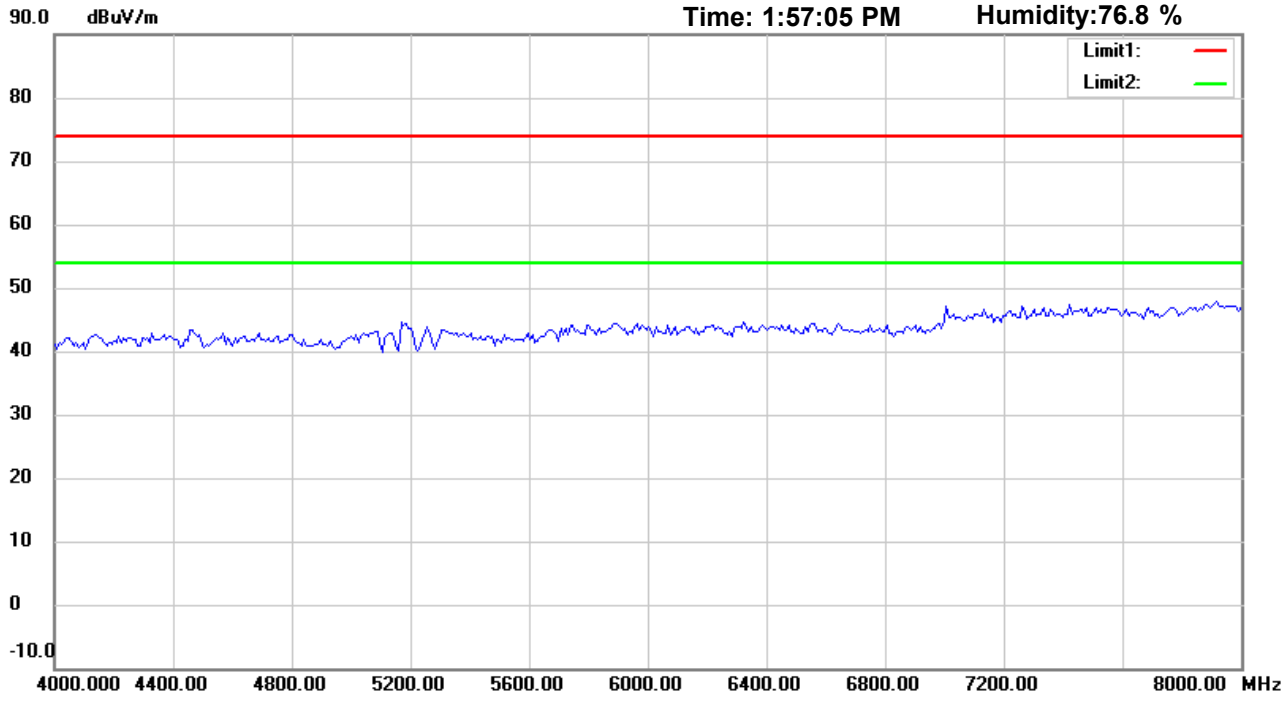
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#2 Date: 12/11/2018 Time: 1:57:05 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

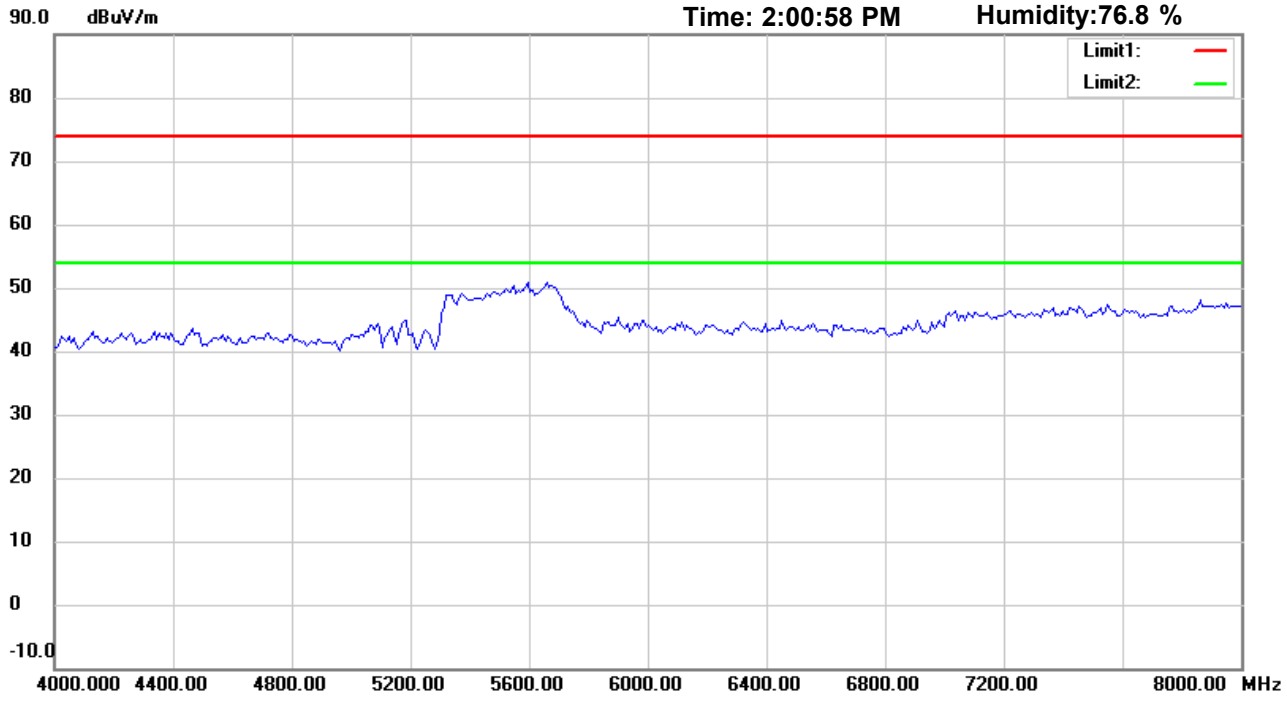
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#8 Date: 12/11/2018 Time: 2:00:58 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

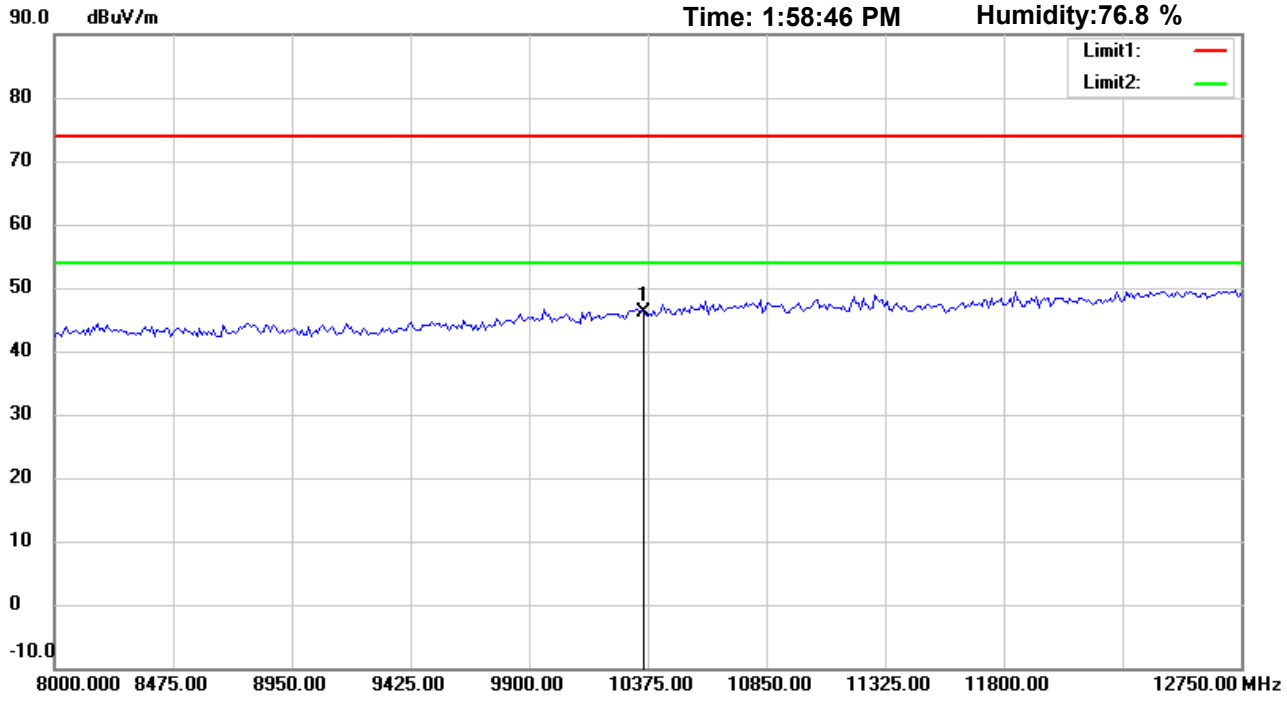
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#3 Date: 12/11/2018 Time: 1:58:46 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10360.000	35.71	peak	10.31	46.02	74.00	150	10	-27.98	

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

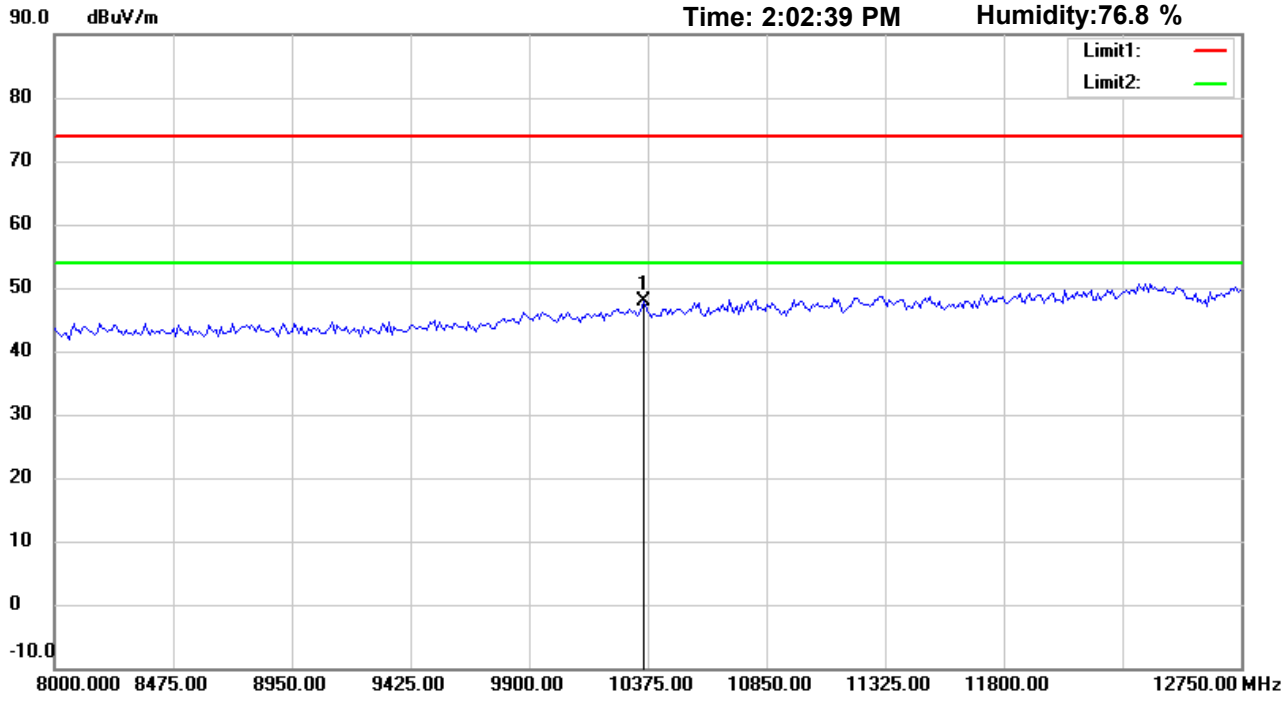
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#9 Date: 12/11/2018 Time: 2:02:39 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10360.000	37.64	peak	10.31	47.95	74.00	150	190	-26.05	

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

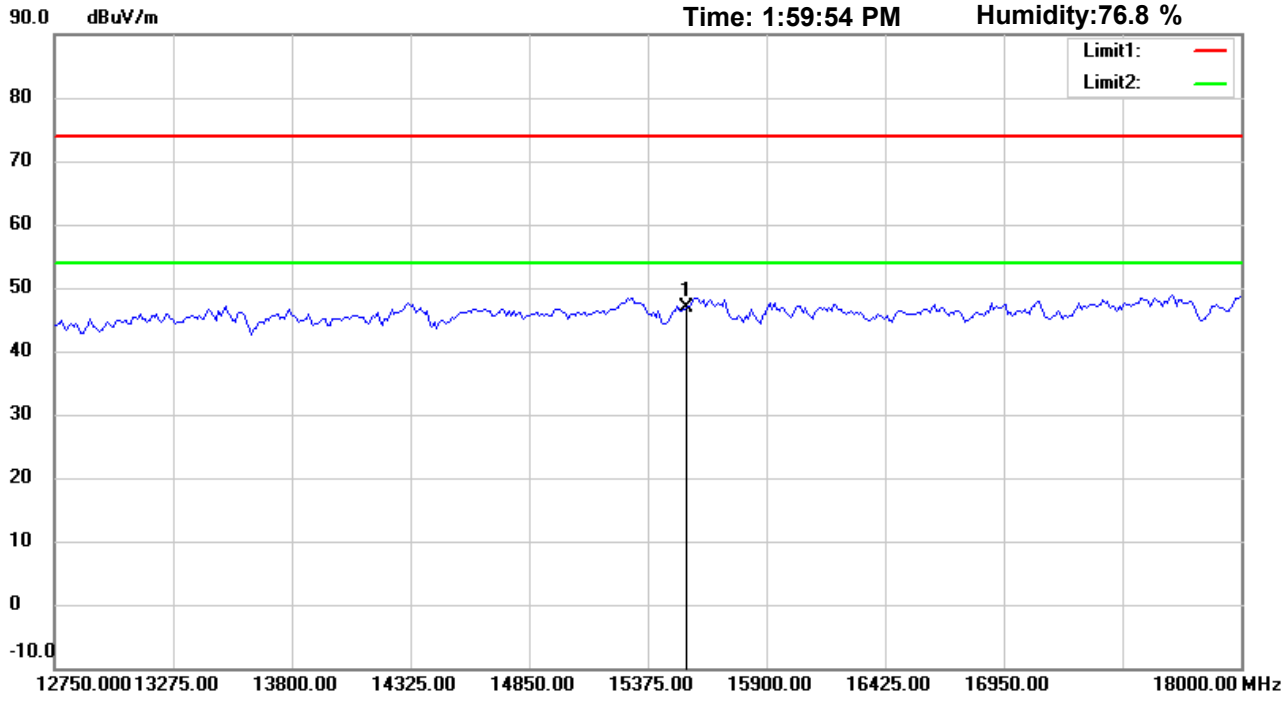
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#4 Date: 12/11/2018 Time: 1:59:54 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15540.000	27.01	peak	19.97	46.98	74.00	150	35	-27.02	

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

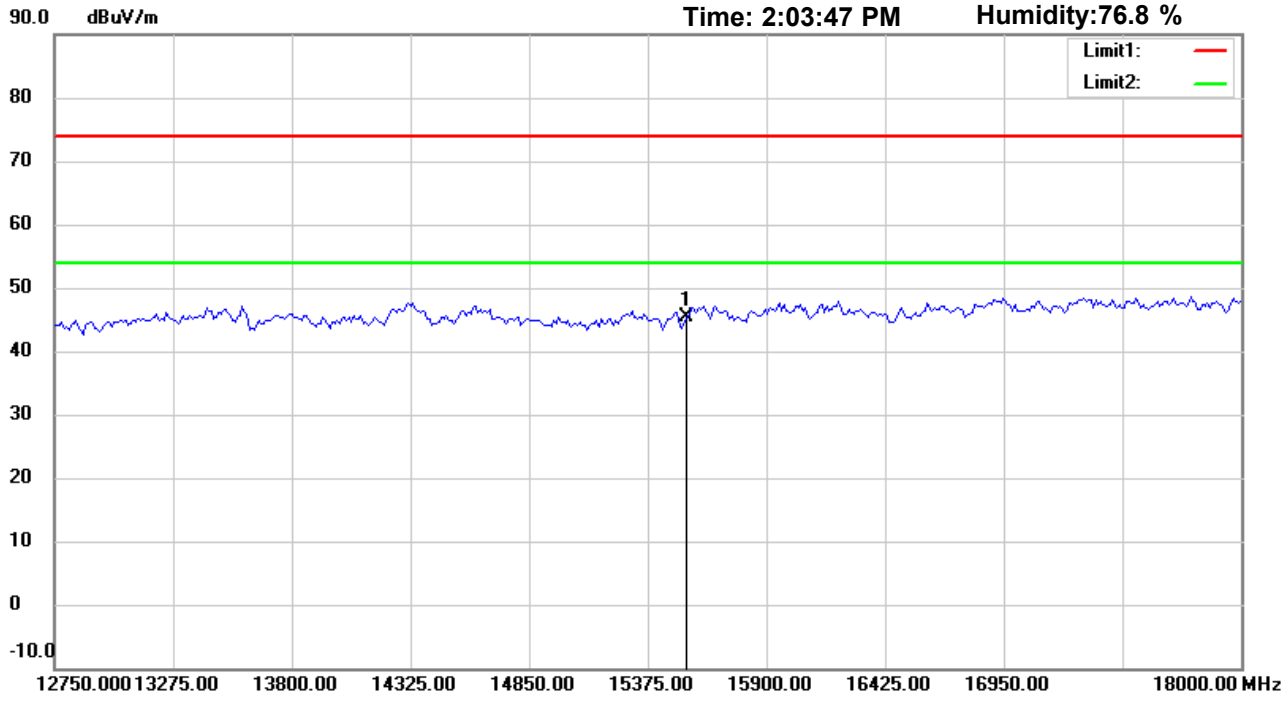
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#10 Date: 12/11/2018 Time: 2:03:47 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15540.000	25.36	peak	19.97	45.33	74.00	150	90	-28.67	

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

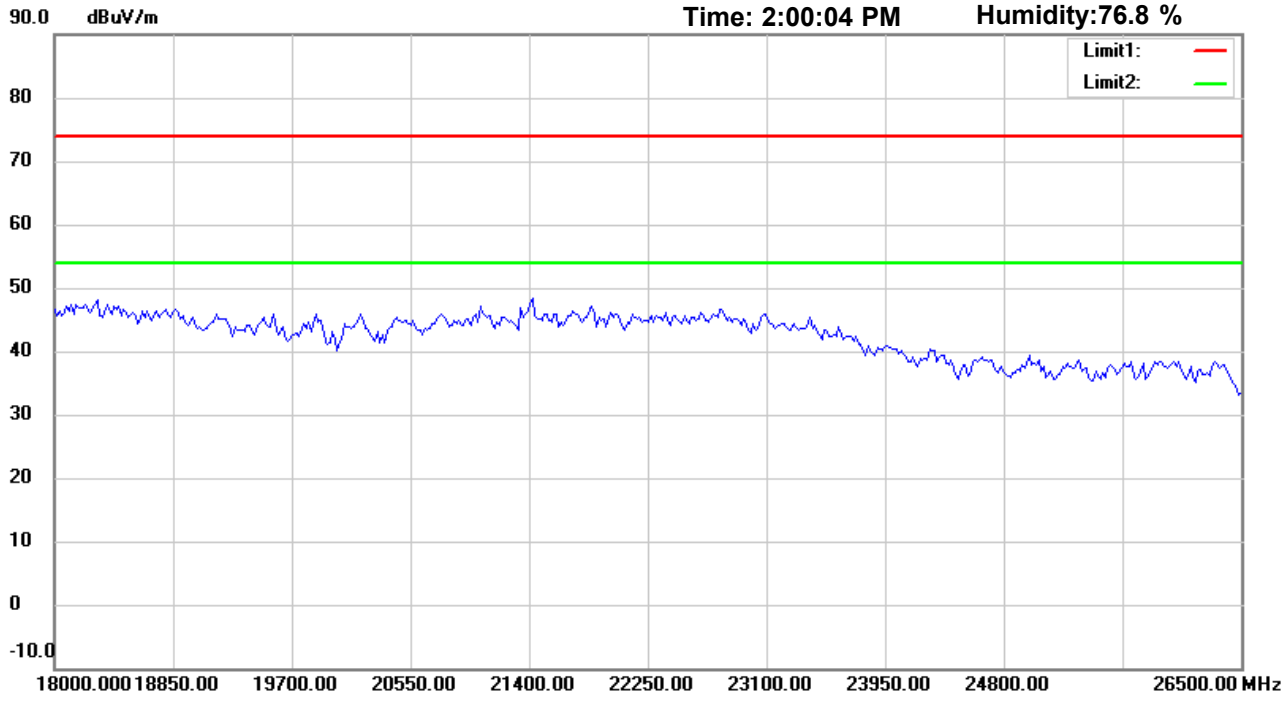
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#5 Date: 12/11/2018 Time: 2:00:04 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

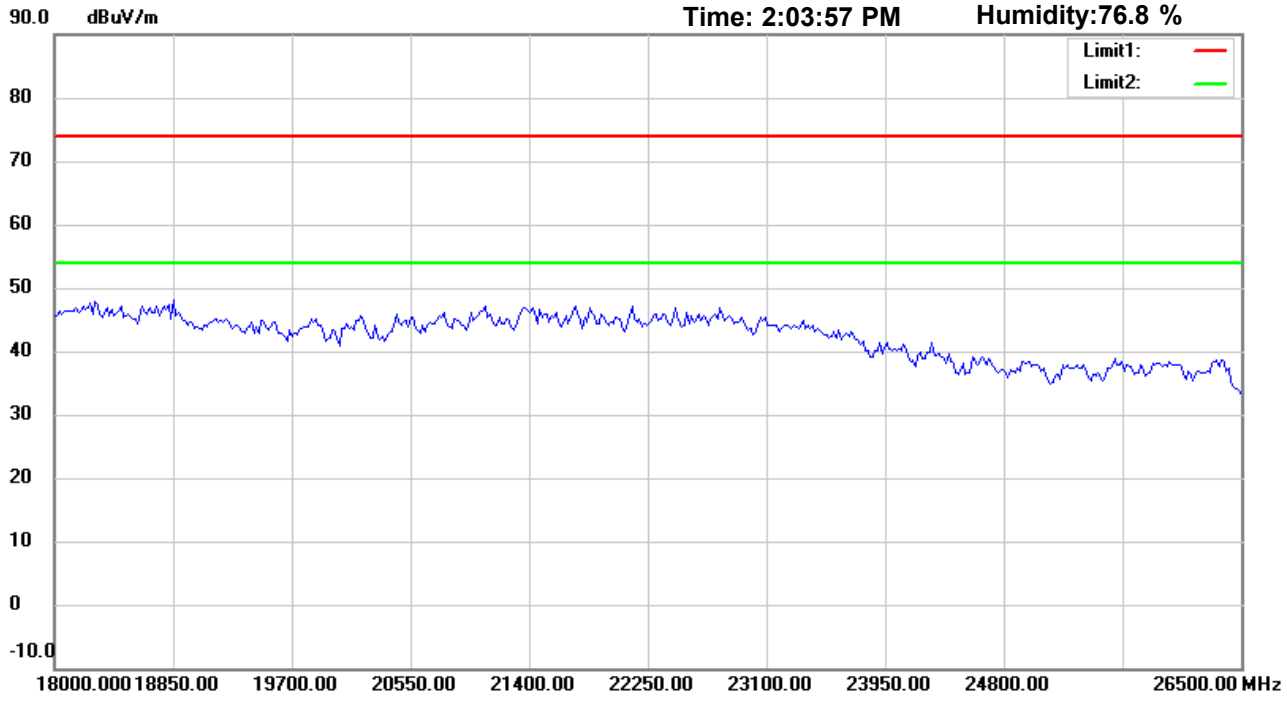
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#11 Date: 12/11/2018 Time: 2:03:57 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

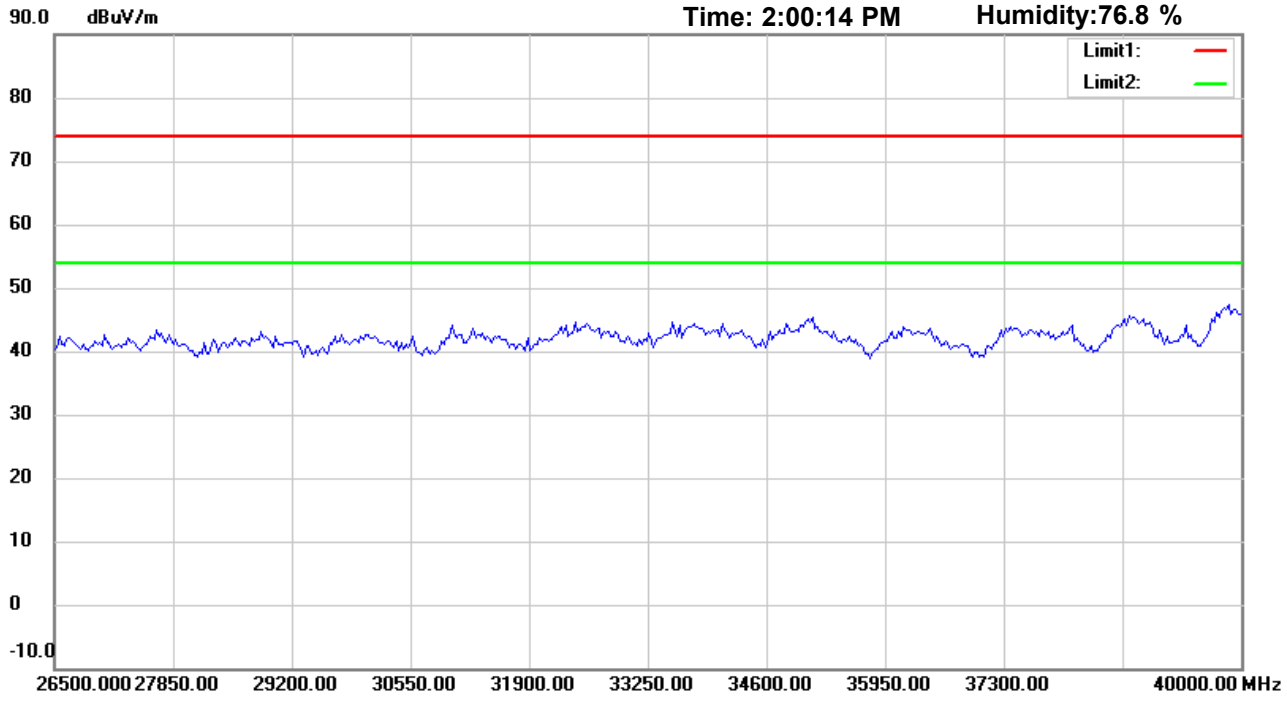
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#6 Date: 12/11/2018 Time: 2:00:14 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

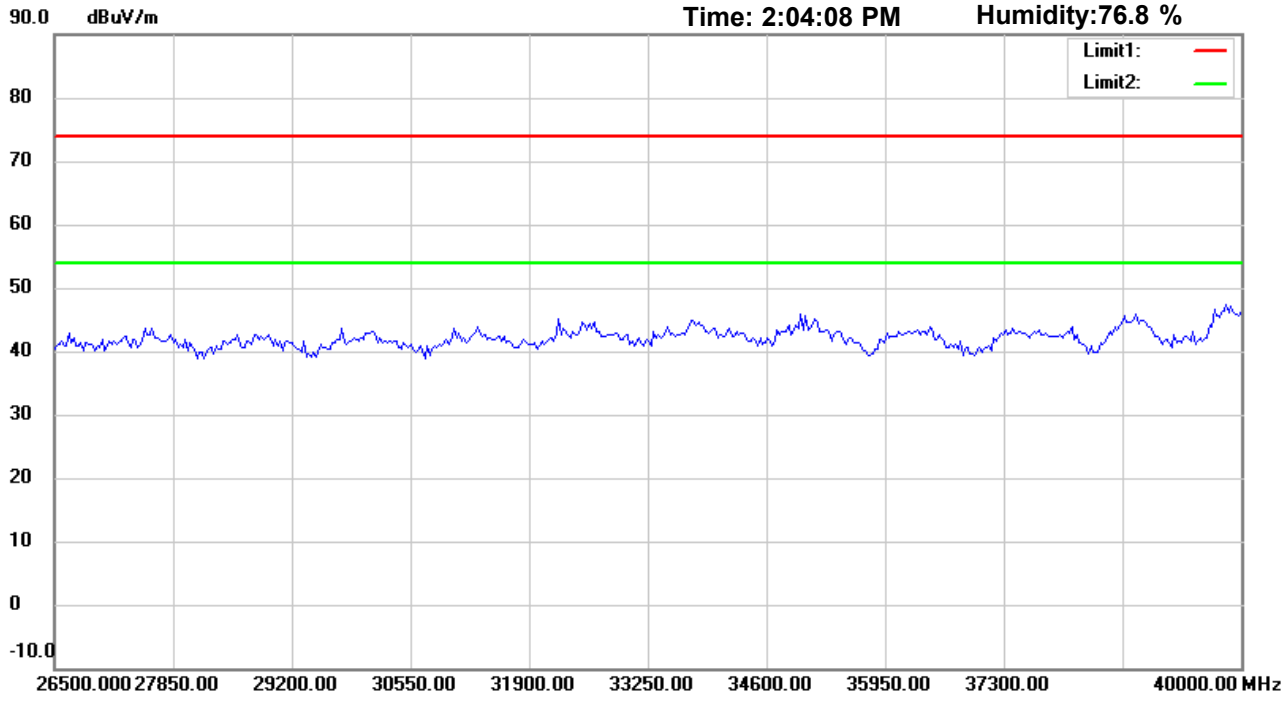
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#12 Date: 12/11/2018 Time: 2:04:08 PM

Temperature:21.2 ℃ Humidity:76.8 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

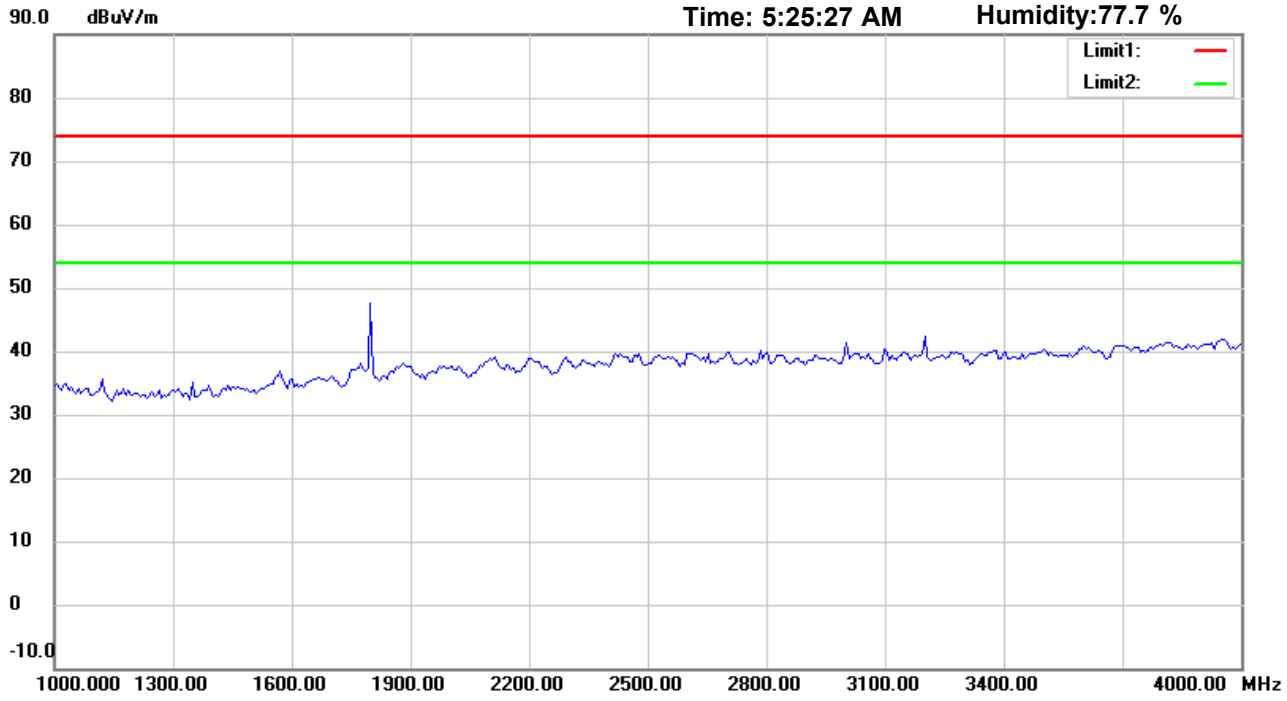
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/13/2018 Time: 5:25:27 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

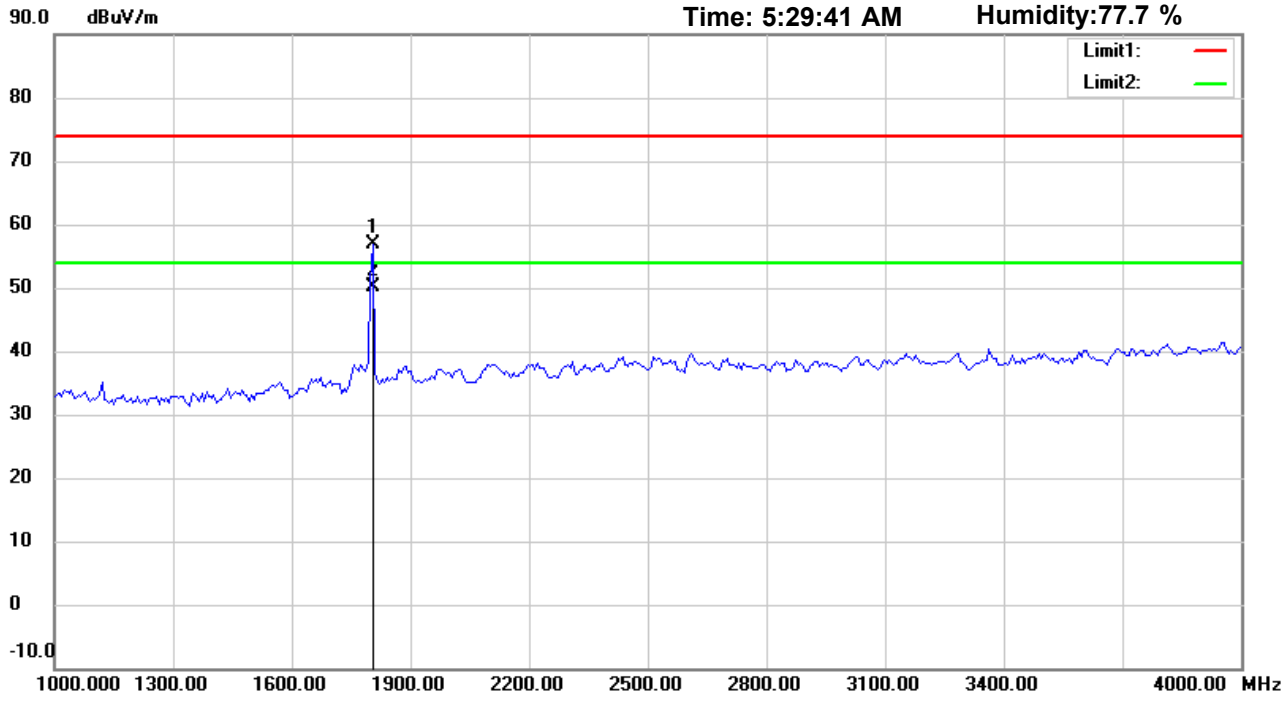
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/13/2018 Time: 5:29:41 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1800.220	63.45	peak	-6.52	56.93	74.00	150	300	-17.07	
*	1800.220	56.77	AVG	-6.52	50.25	54.00	150	300	-3.75	

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

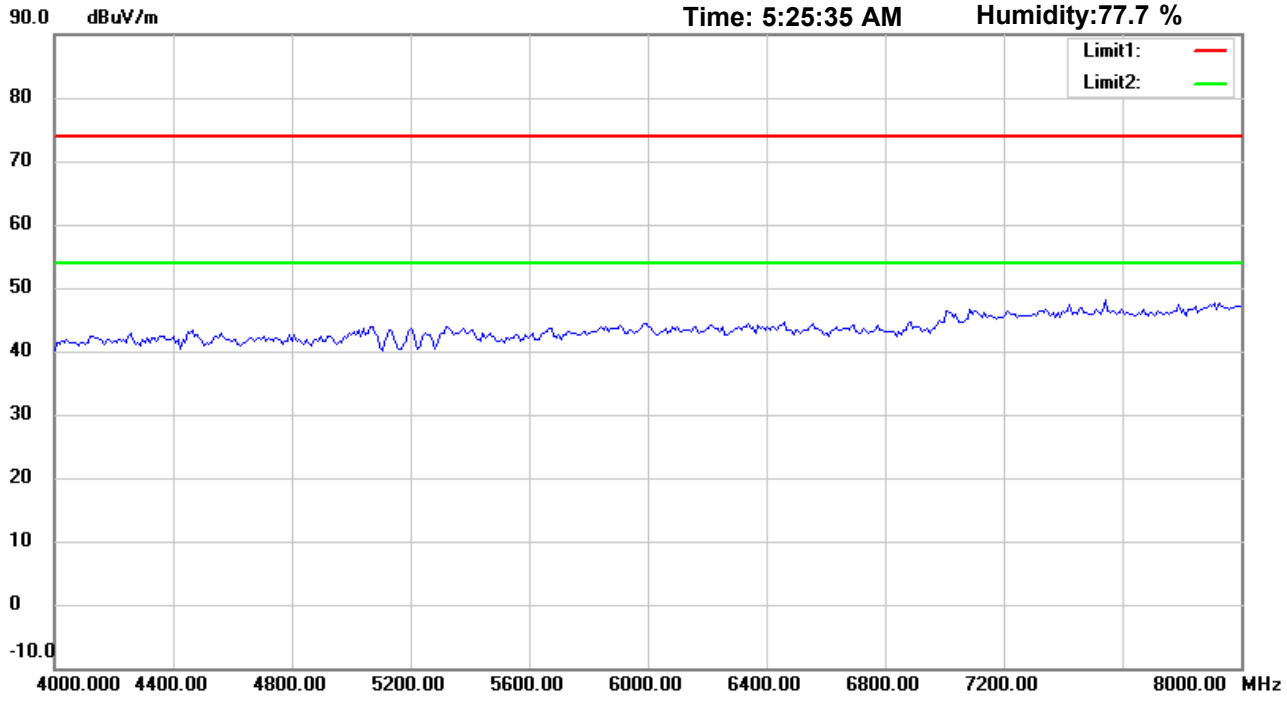
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/13/2018 Time: 5:25:35 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

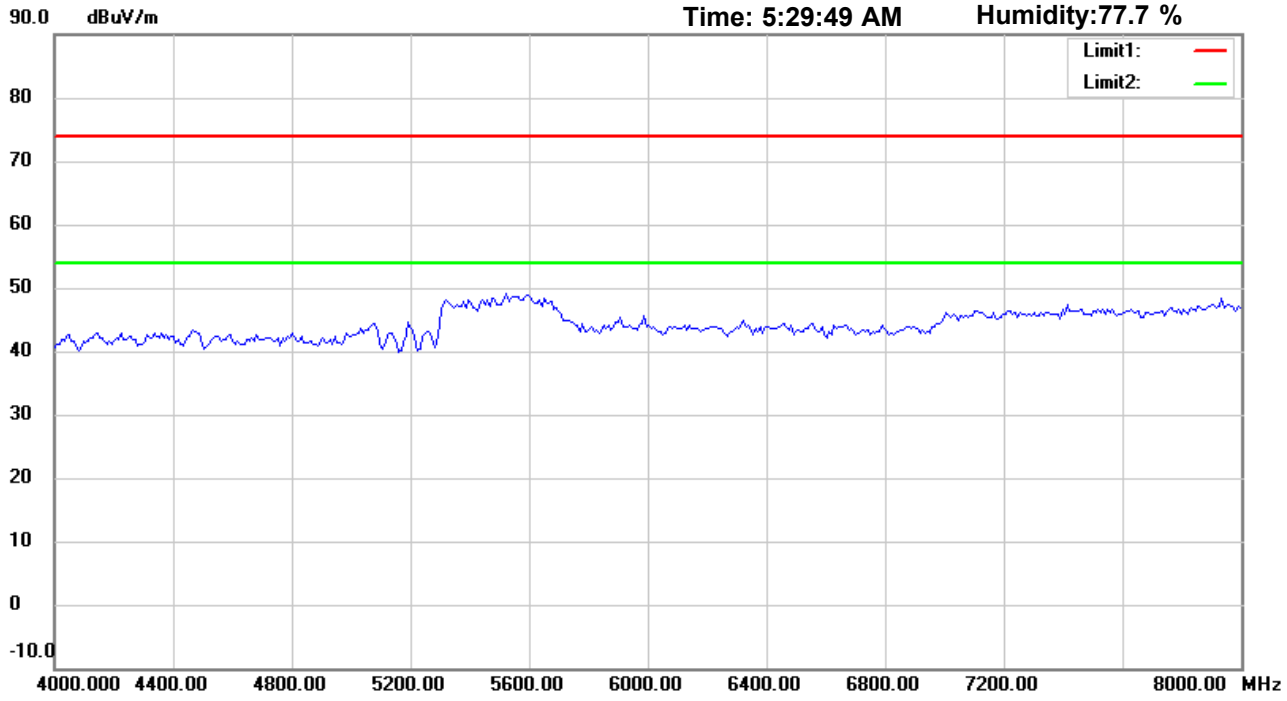
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/13/2018 Time: 5:29:49 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

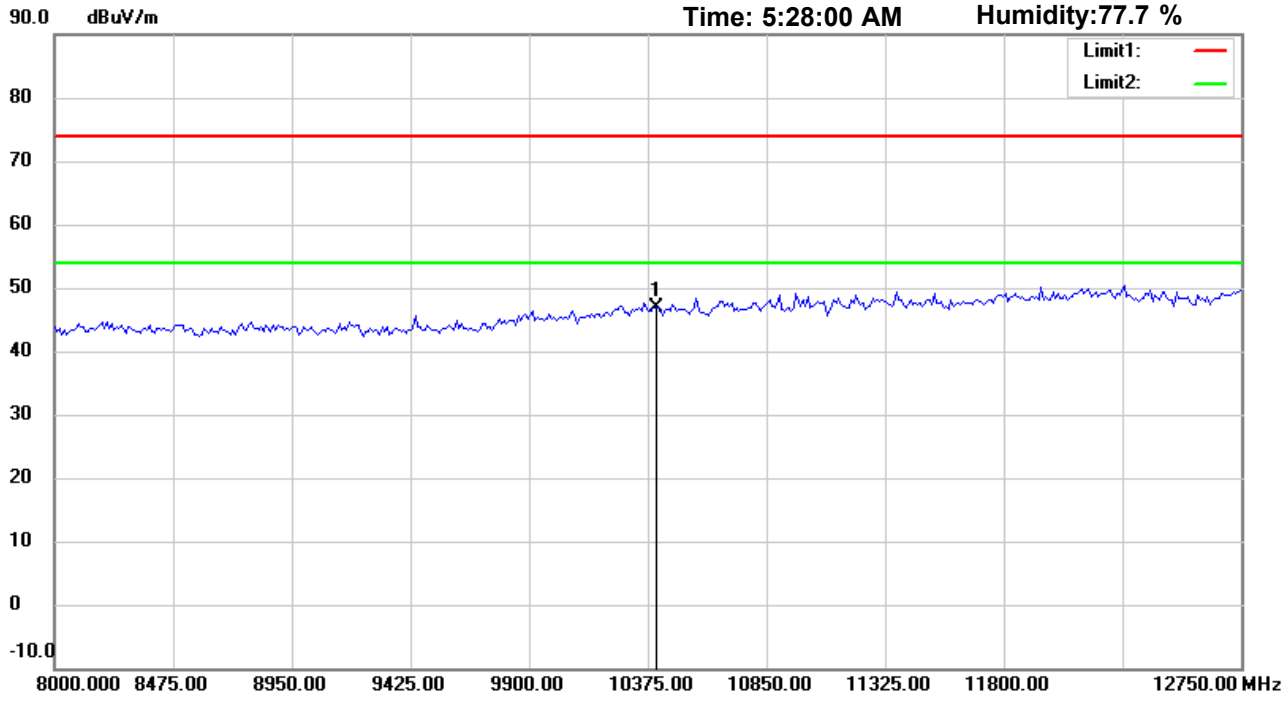
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/13/2018 Time: 5:28:00 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10400.000	36.73	peak	10.19	46.92	74.00	150	210	-27.08	

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

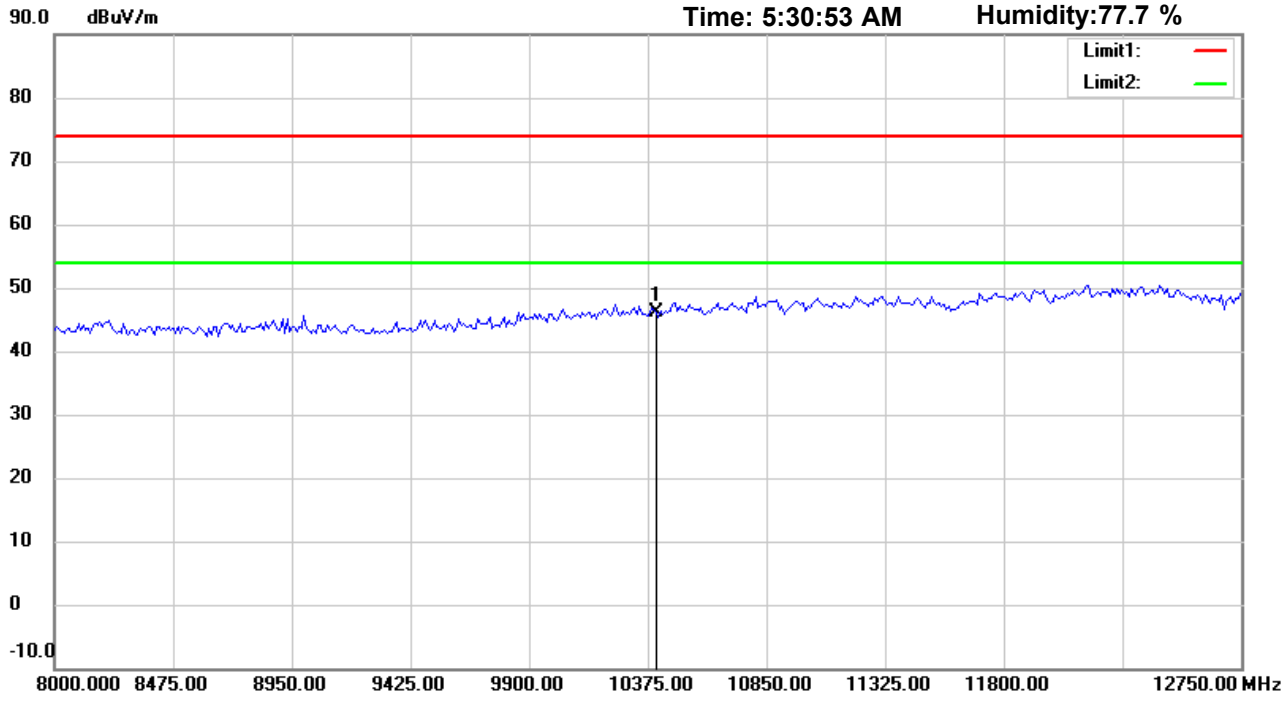
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/13/2018 Time: 5:30:53 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10400.000	36.06	peak	10.19	46.25	74.00	150	55	-27.75	

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

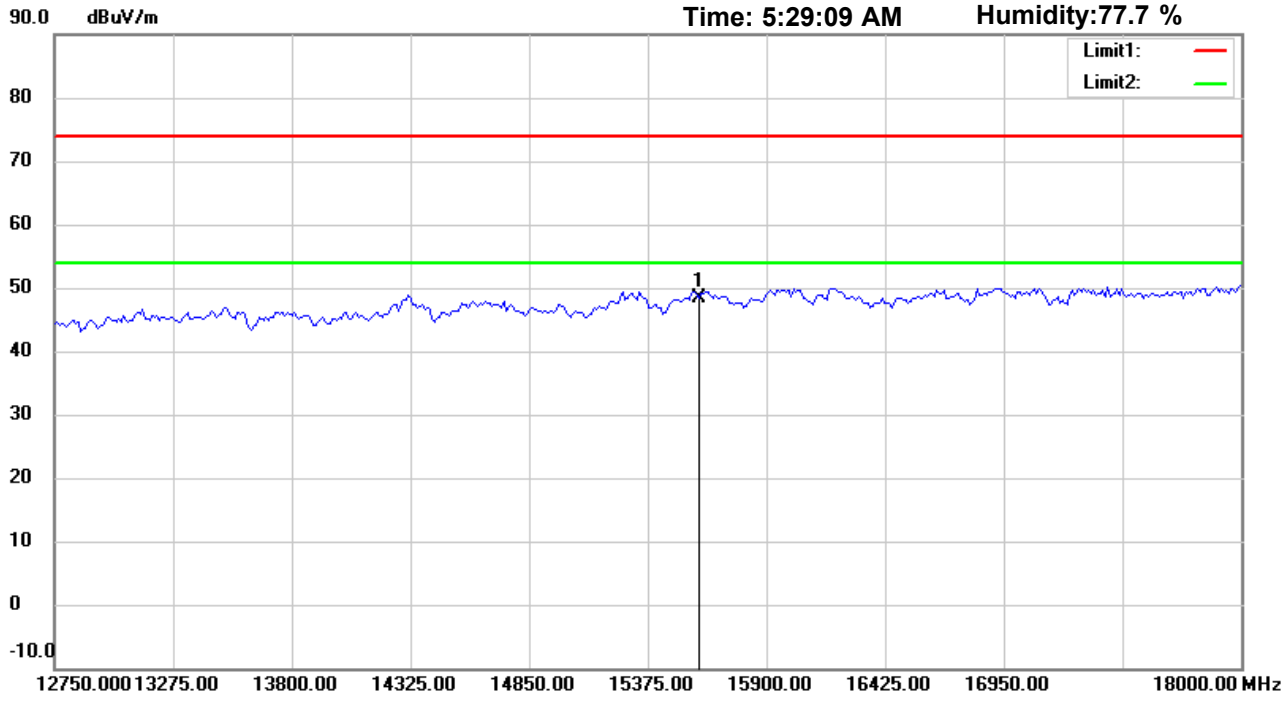
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/13/2018 Time: 5:29:09 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15600.000	27.19	peak	21.25	48.44	74.00	150	80	-25.56	

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

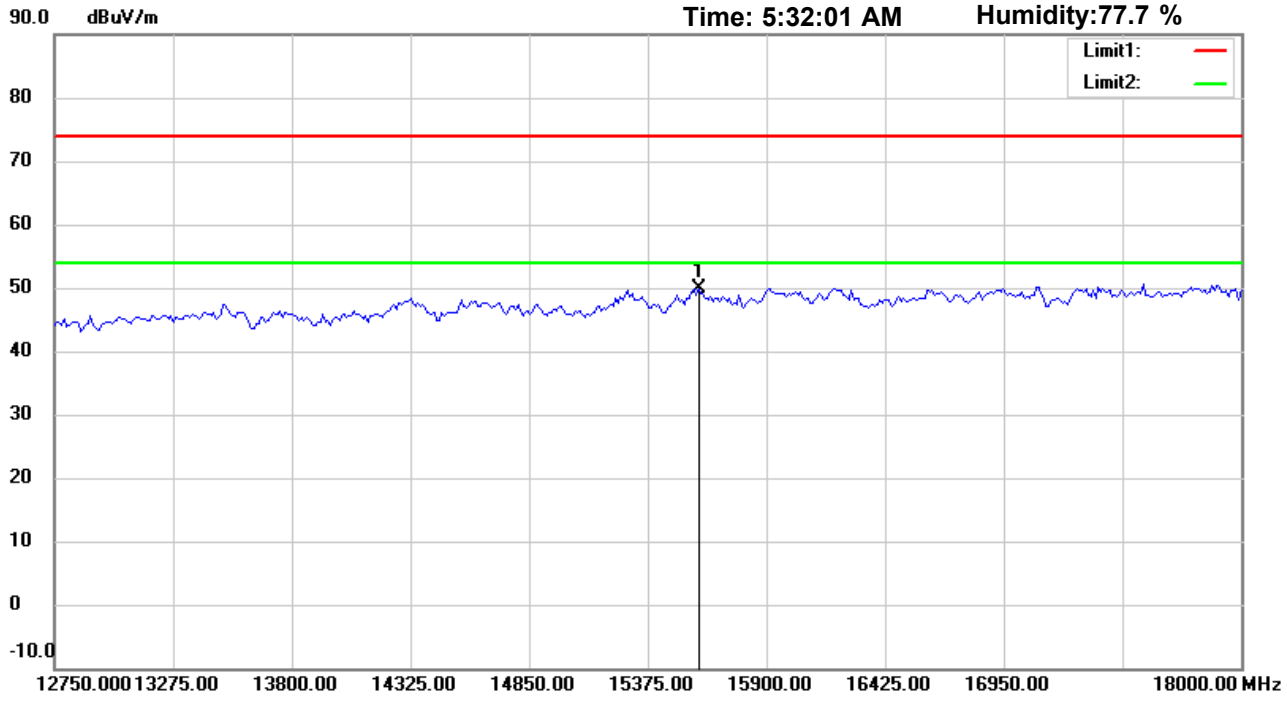
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/13/2018 Time: 5:32:01 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15600.000	28.59	peak	21.25	49.84	74.00	150	280	-24.16	

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

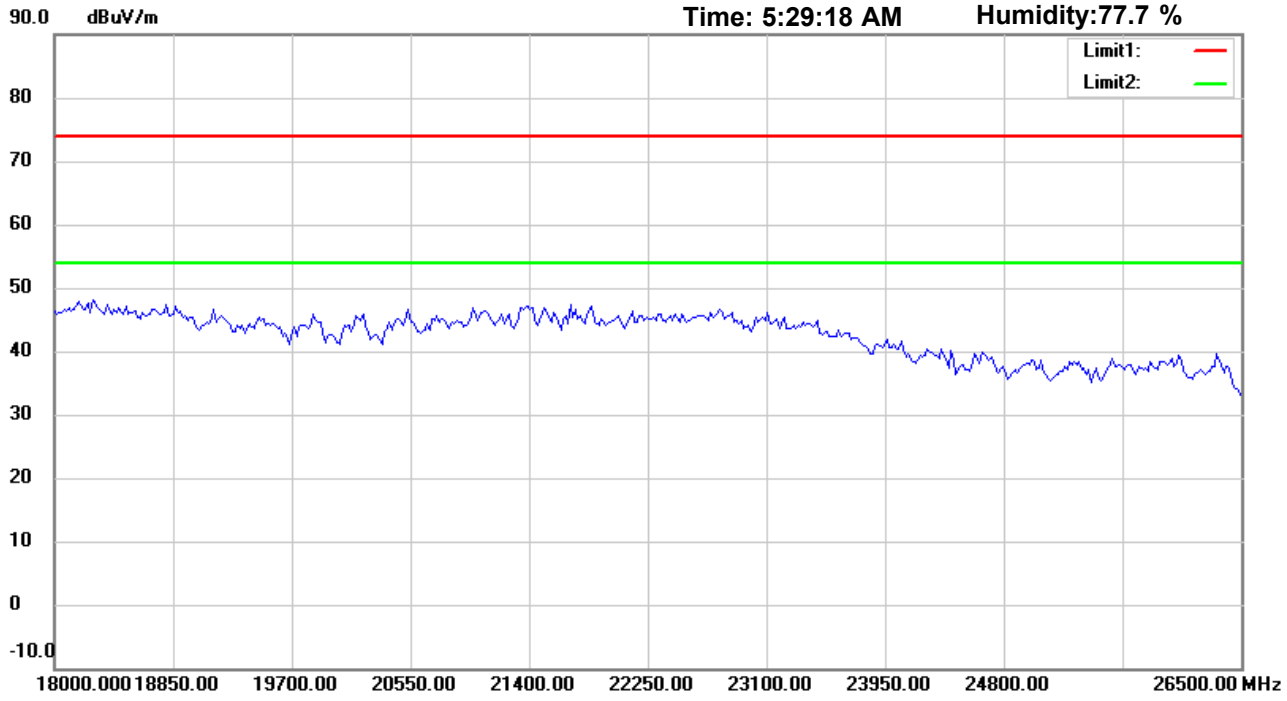
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/13/2018 Time: 5:29:18 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

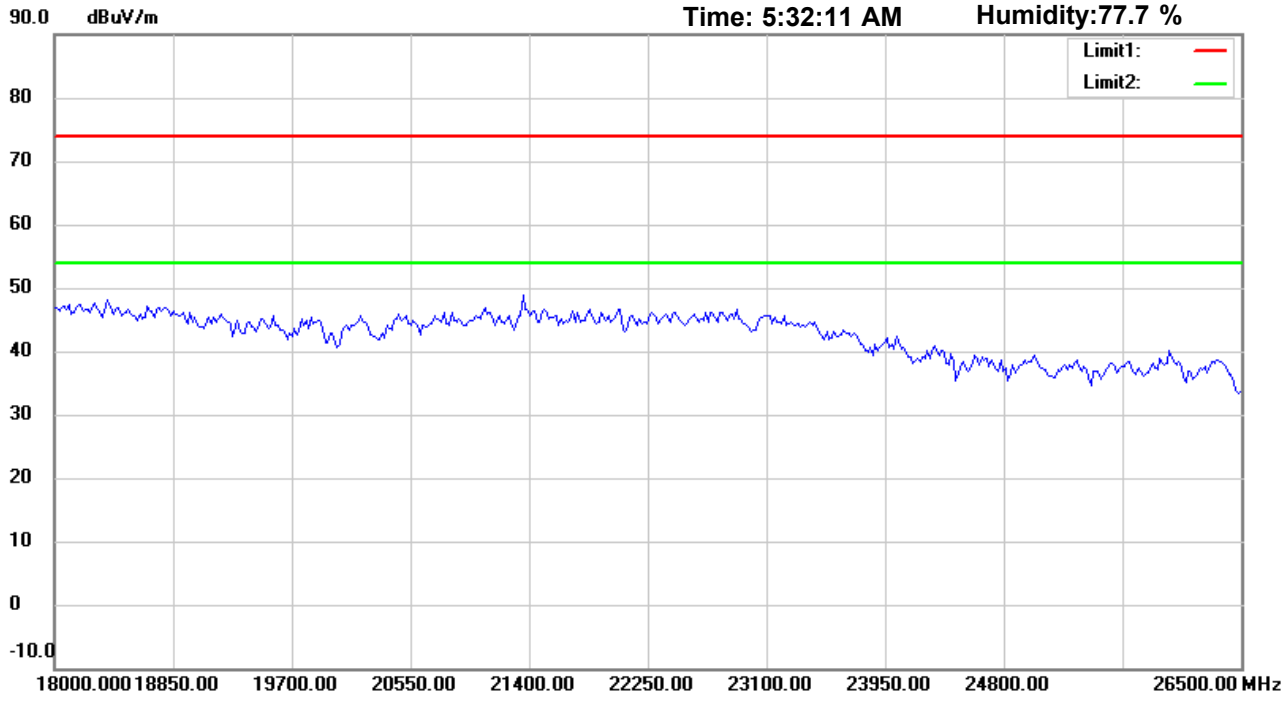
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/13/2018 Time: 5:32:11 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

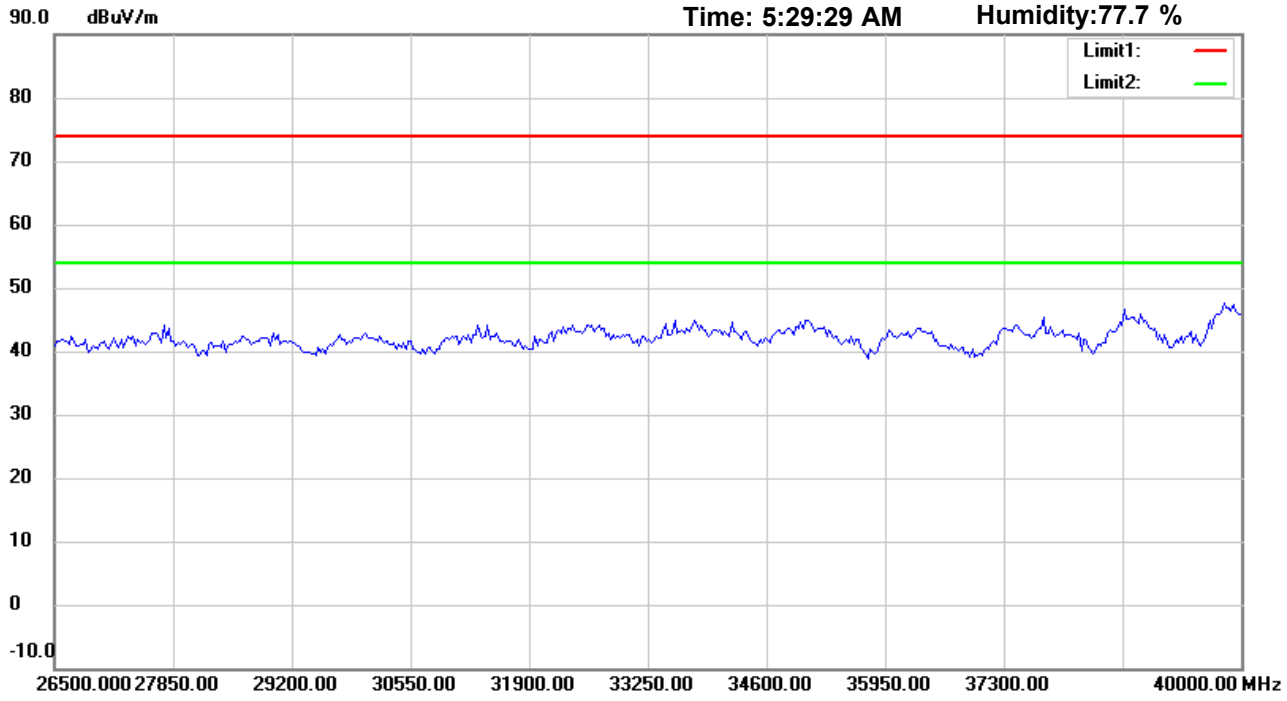
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/13/2018 Time: 5:29:29 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

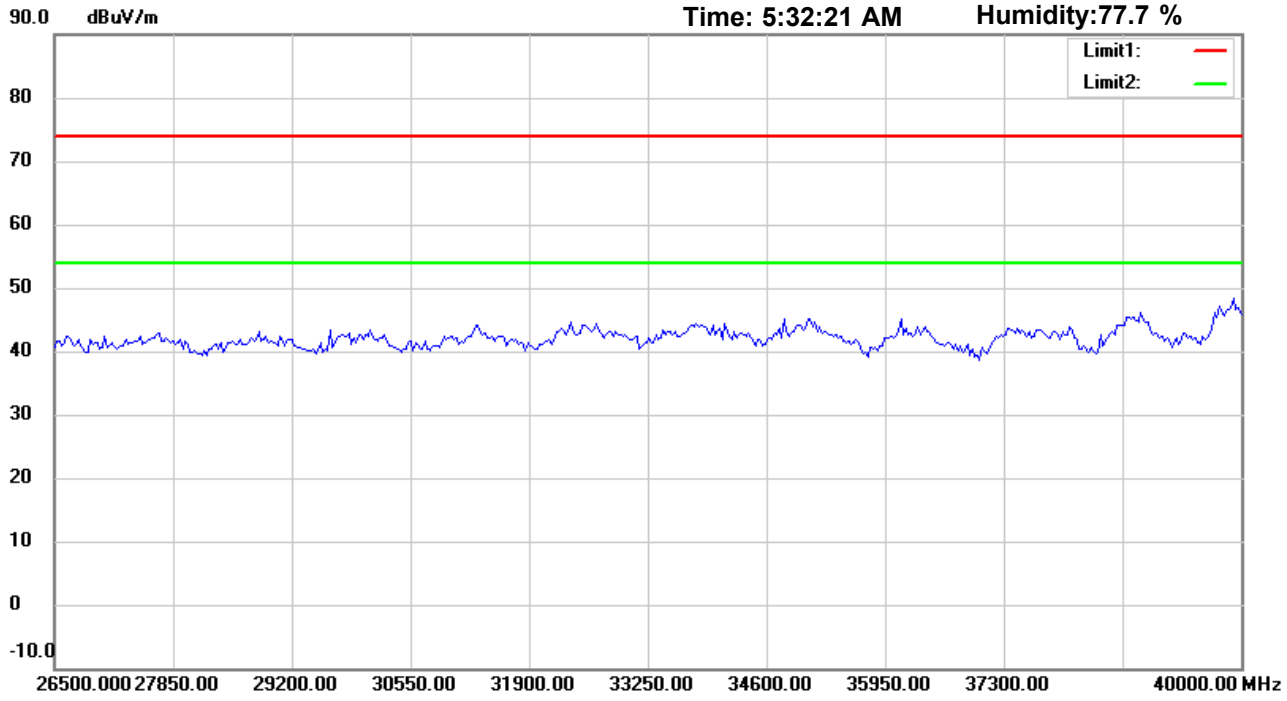
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/13/2018 Time: 5:32:21 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH40

Note :

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

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

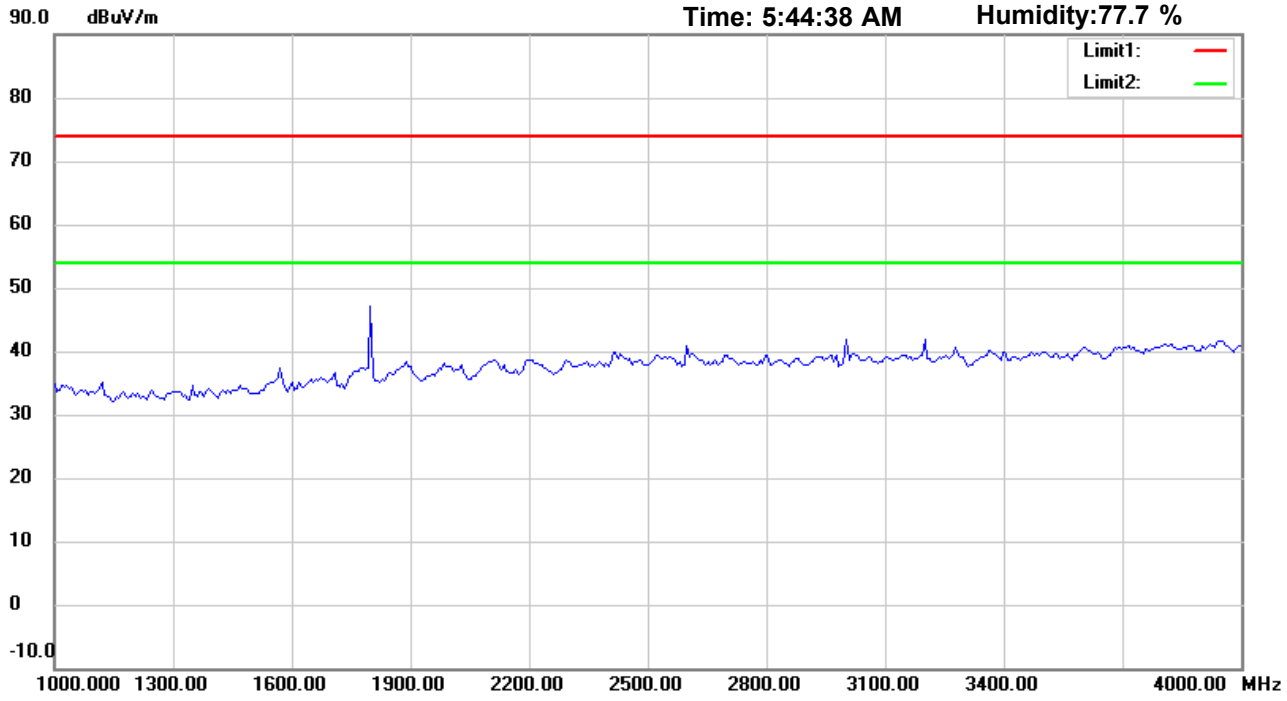
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/13/2018 Time: 5:44:38 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

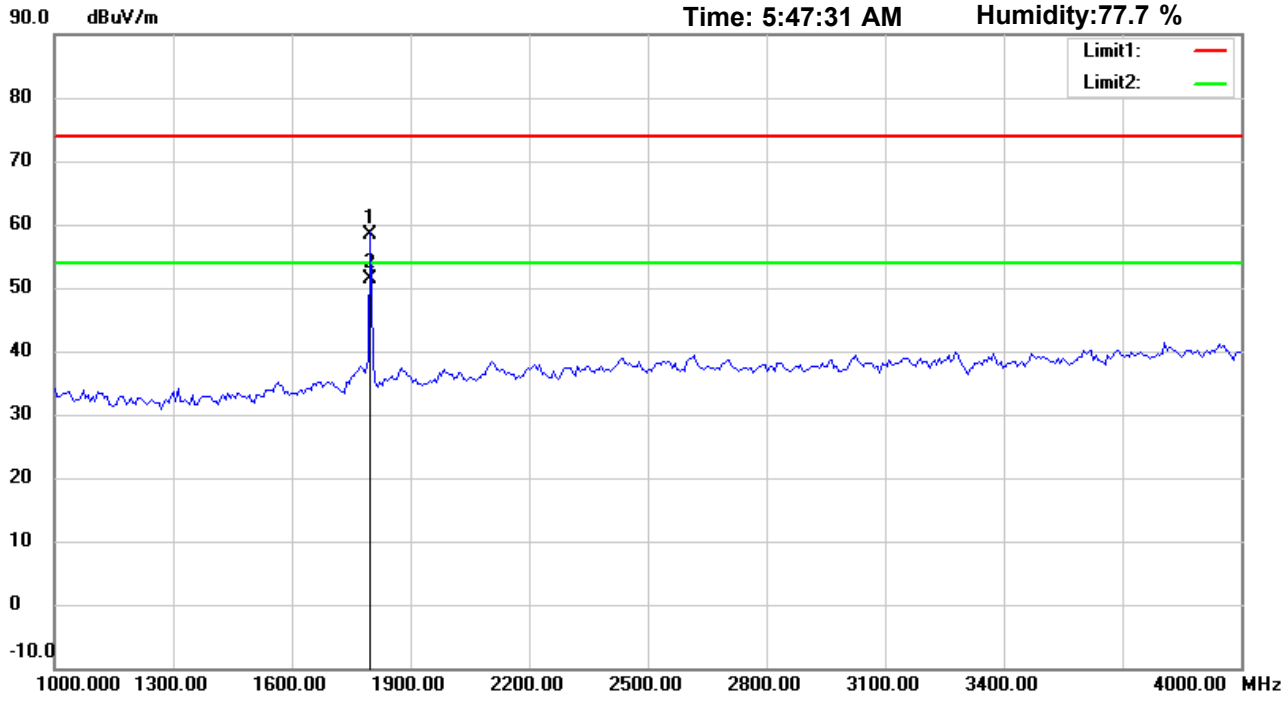
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/13/2018 Time: 5:47:31 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.87	peak	-6.52	58.35	74.00	165	190	-15.65	
*	1799.599	57.79	AVG	-6.52	51.27	54.00	165	190	-2.73	

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

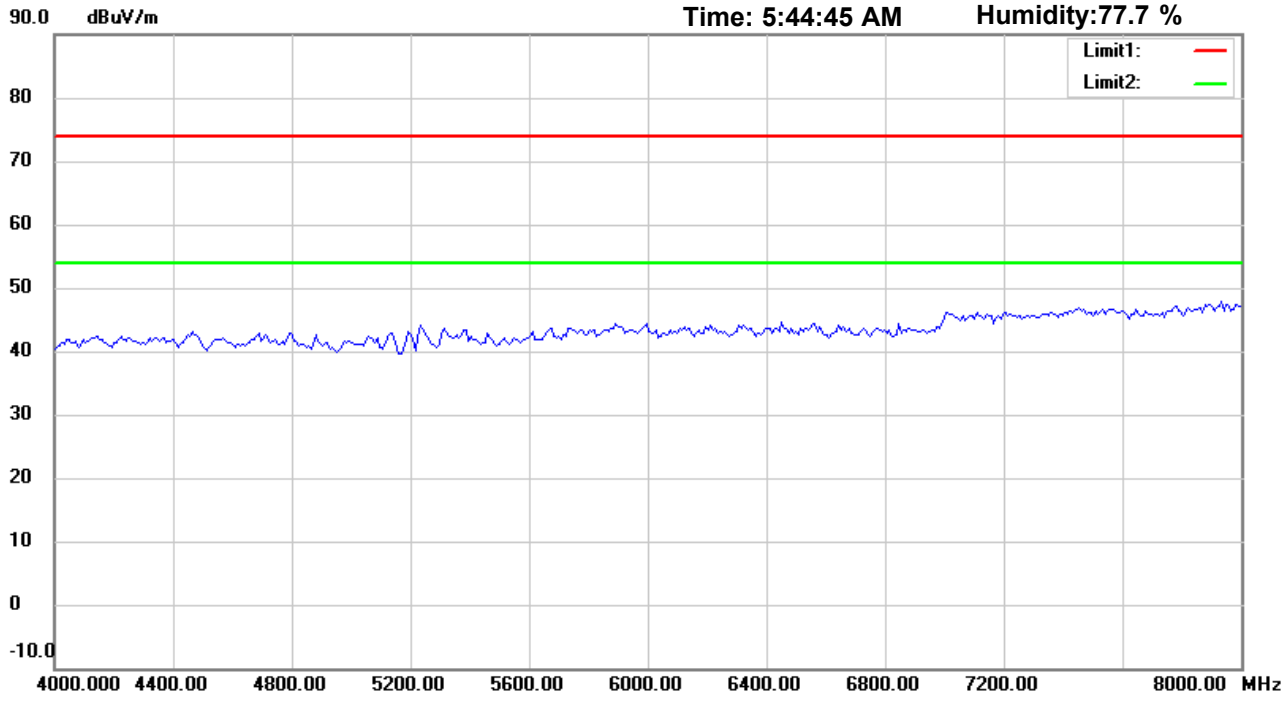
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/13/2018 Time: 5:44:45 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

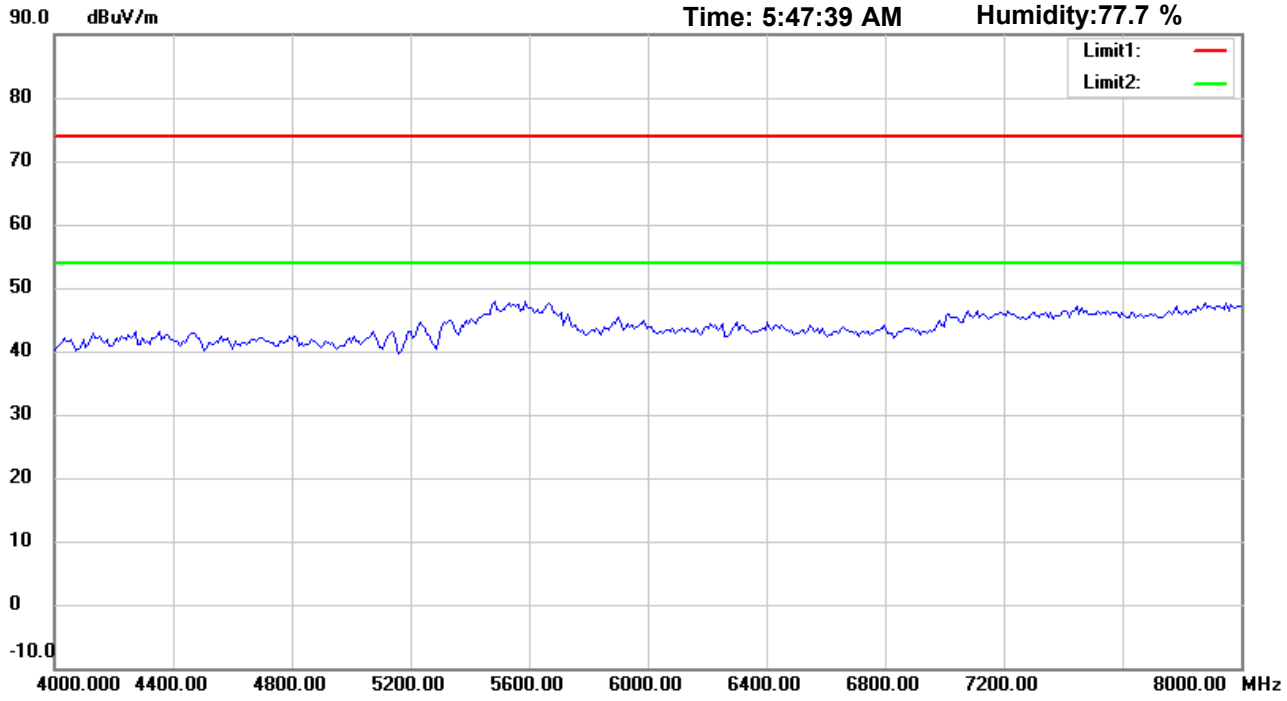
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/13/2018 Time: 5:47:39 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

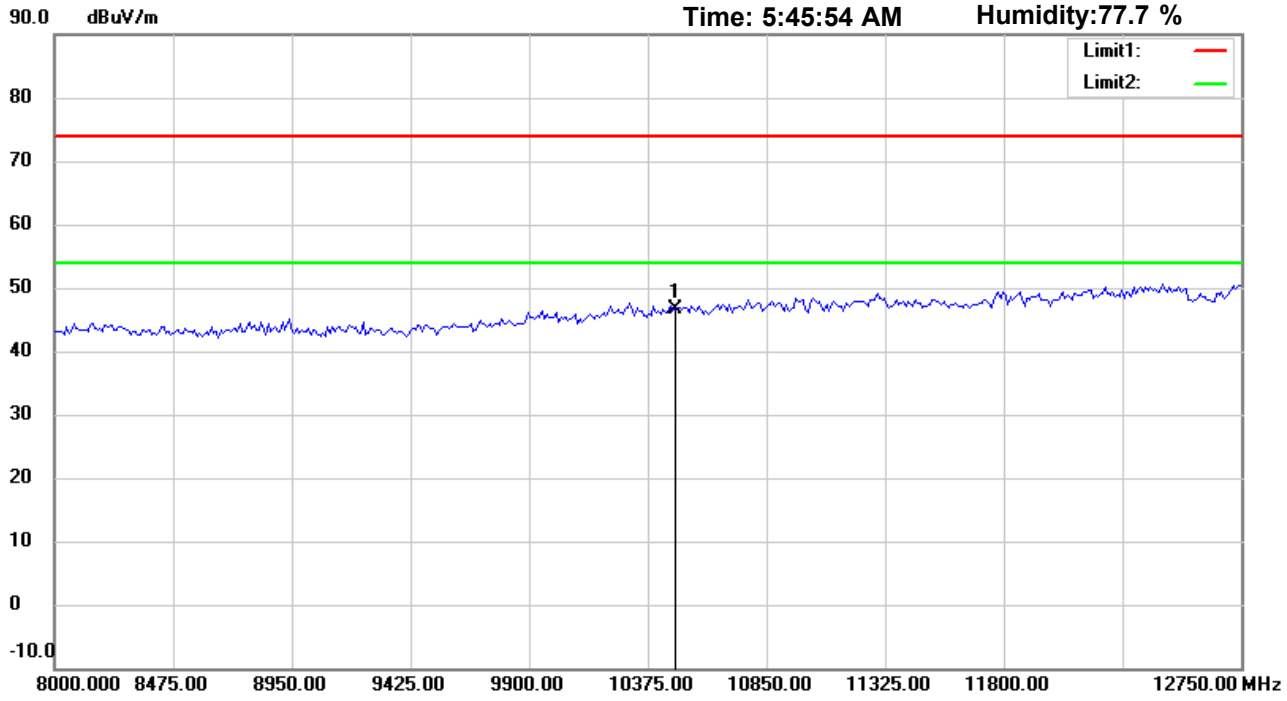
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/13/2018 Time: 5:45:54 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10480.000	35.74	peak	10.94	46.68	74.00	150	225	-27.32	

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

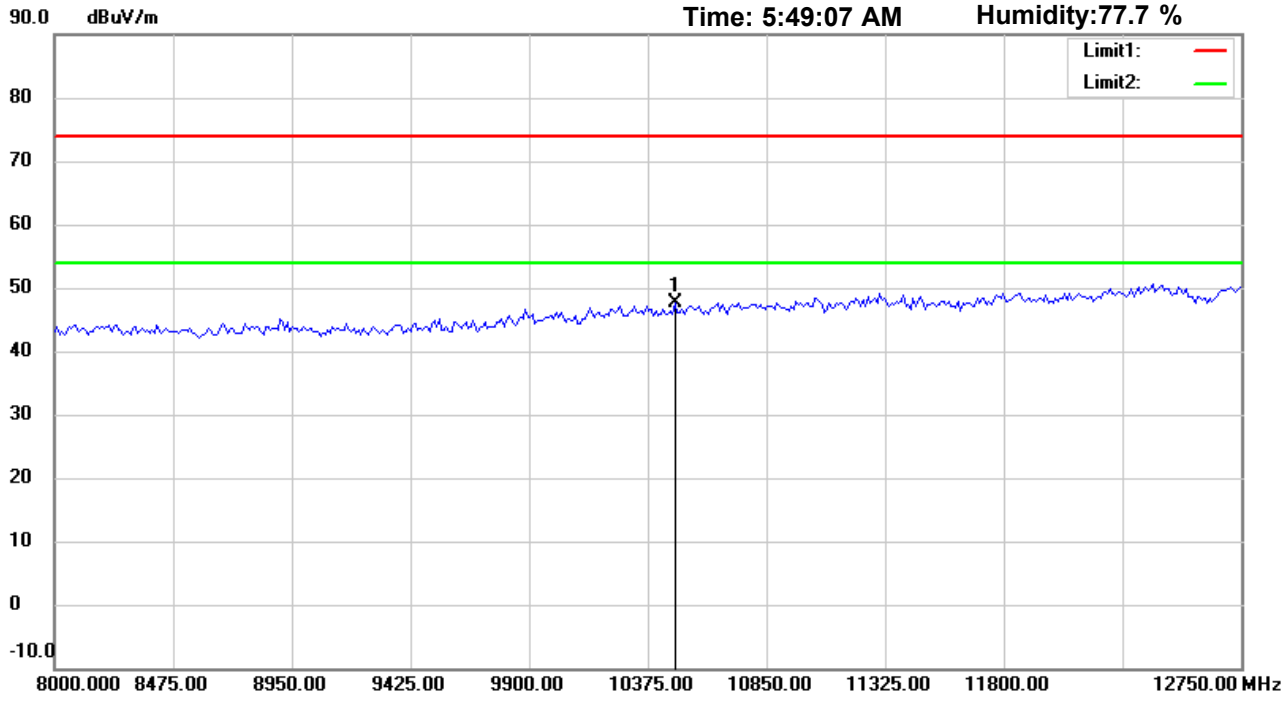
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/13/2018 Time: 5:49:07 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10480.000	36.68	peak	10.94	47.62	74.00	150	75	-26.38	

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

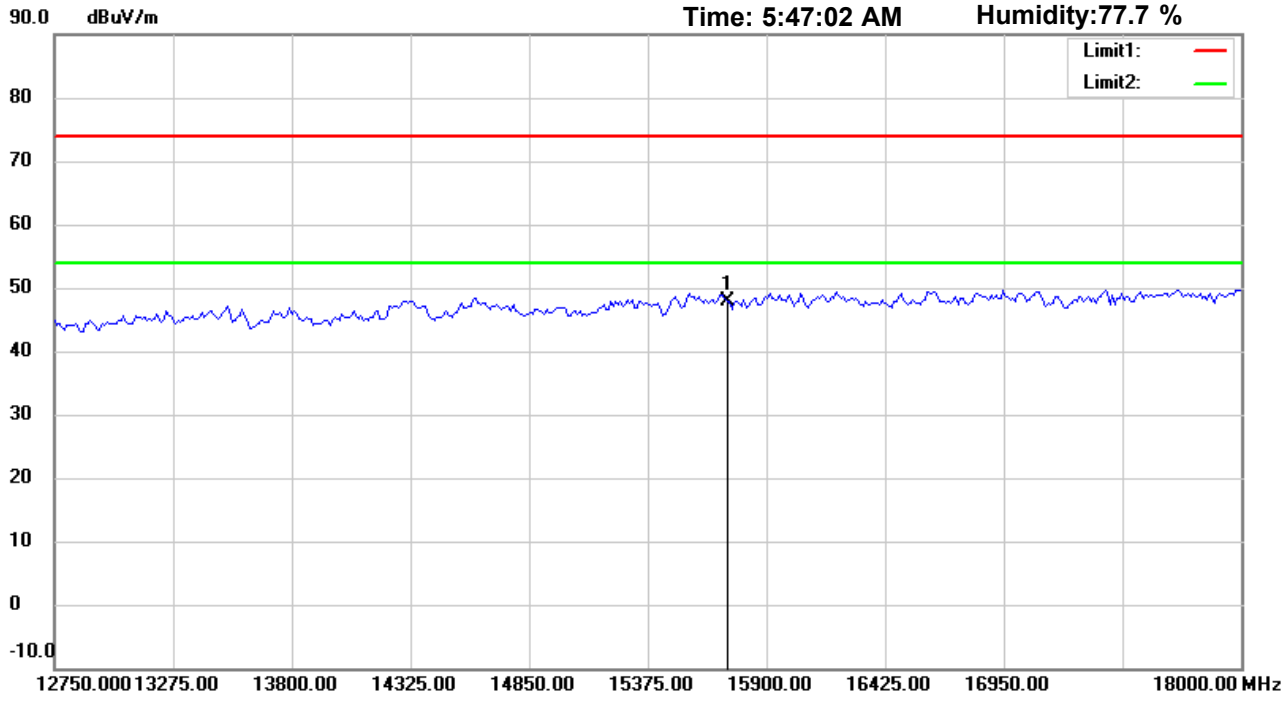
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/13/2018 Time: 5:47:02 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15720.000	29.02	peak	18.86	47.88	74.00	150	20	-26.12	

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

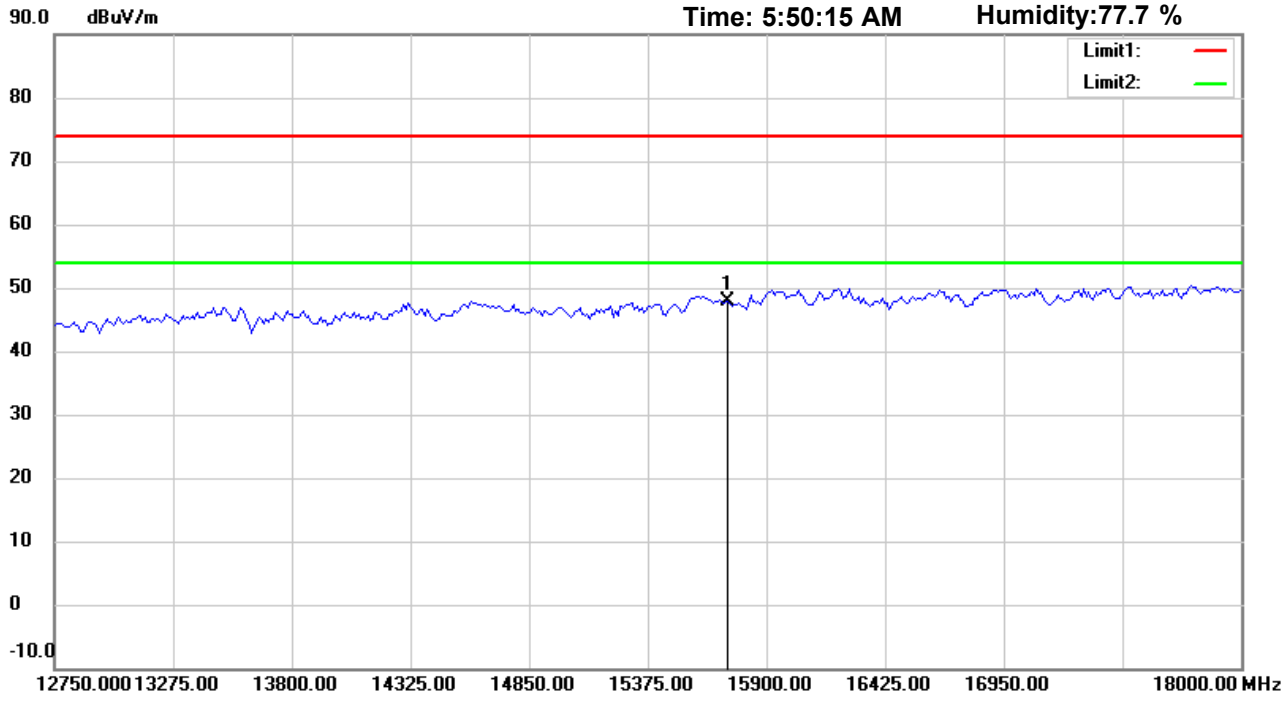
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/13/2018 Time: 5:50:15 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15720.000	28.94	peak	18.86	47.80	74.00	150	115	-26.20	

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

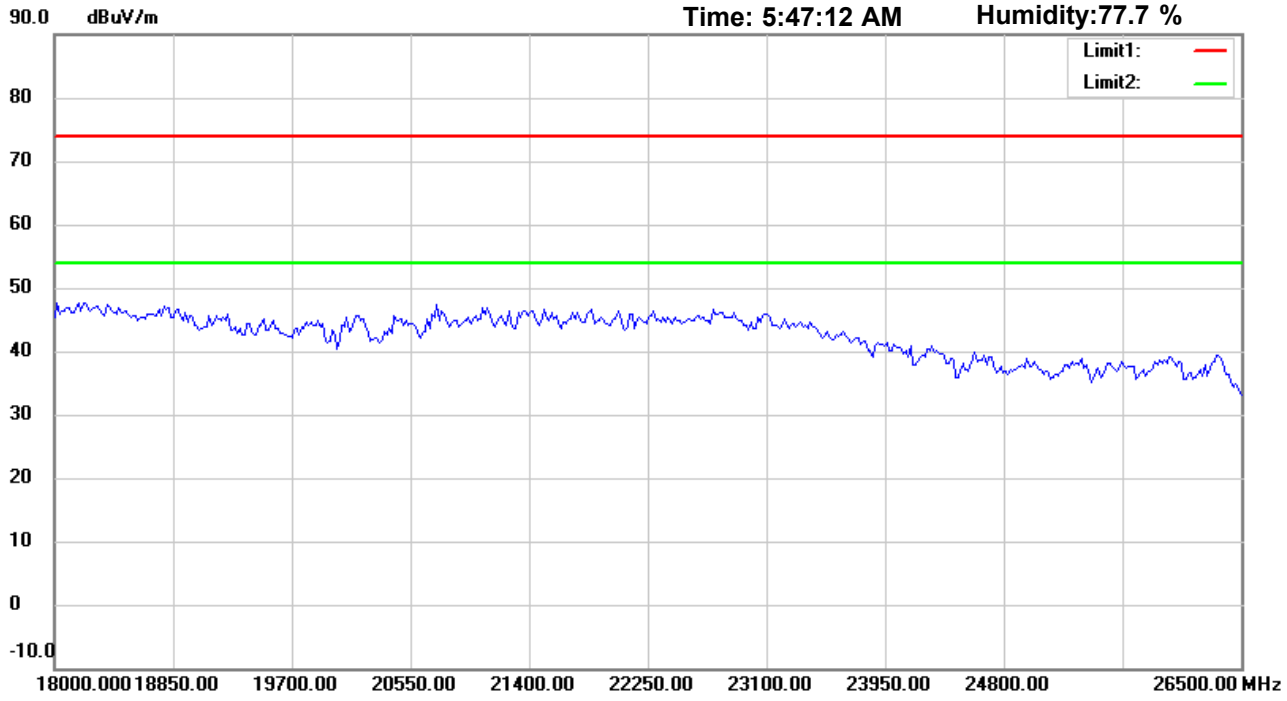
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/13/2018 Time: 5:47:12 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

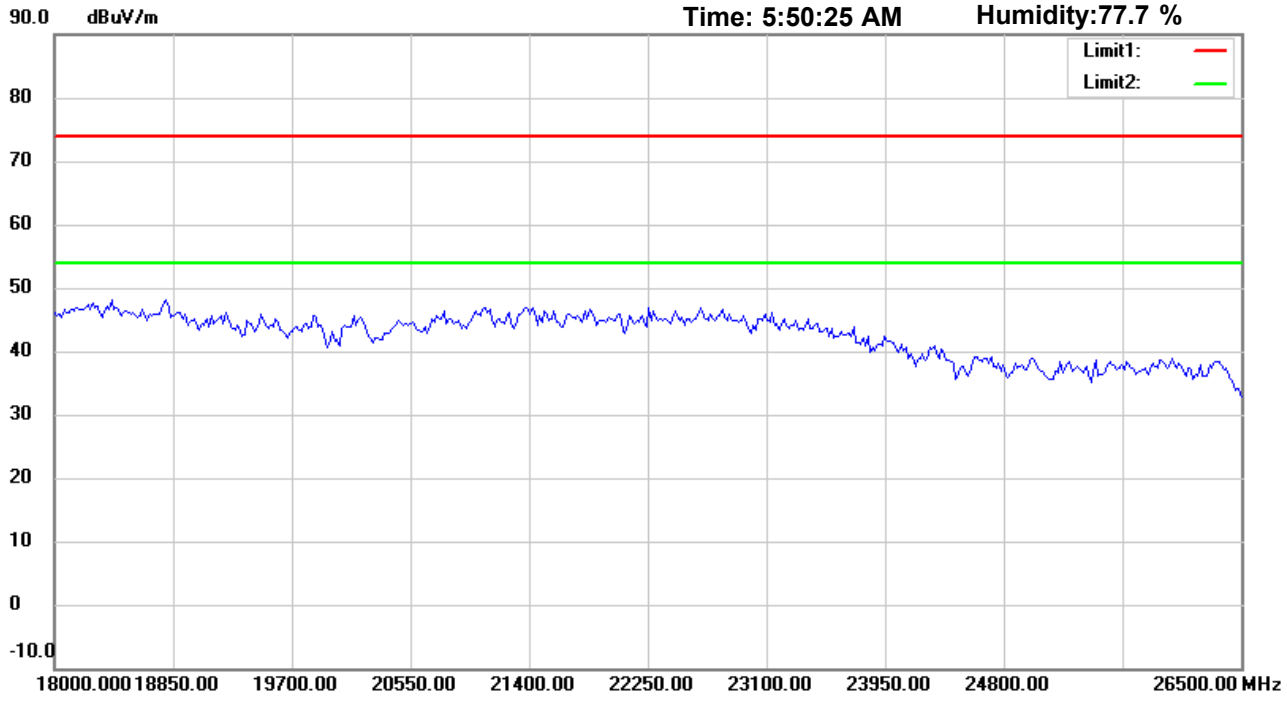
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/13/2018 Time: 5:50:25 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

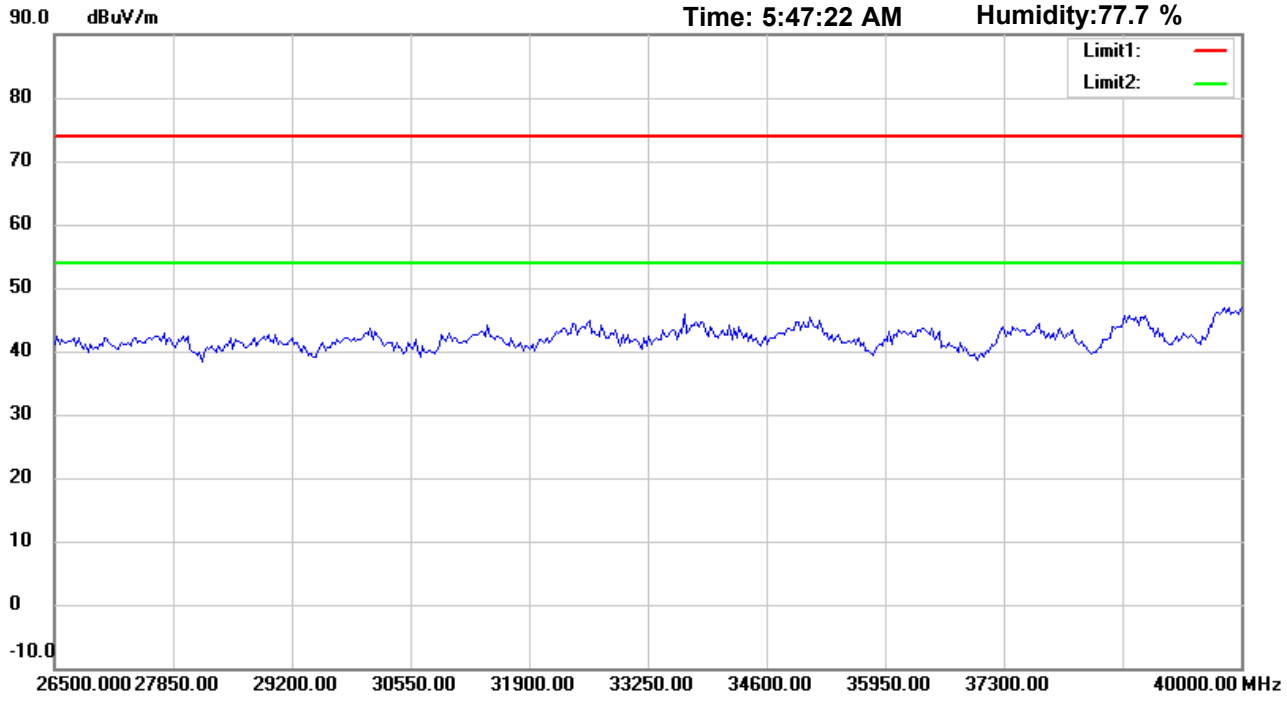
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/13/2018 Time: 5:47:22 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

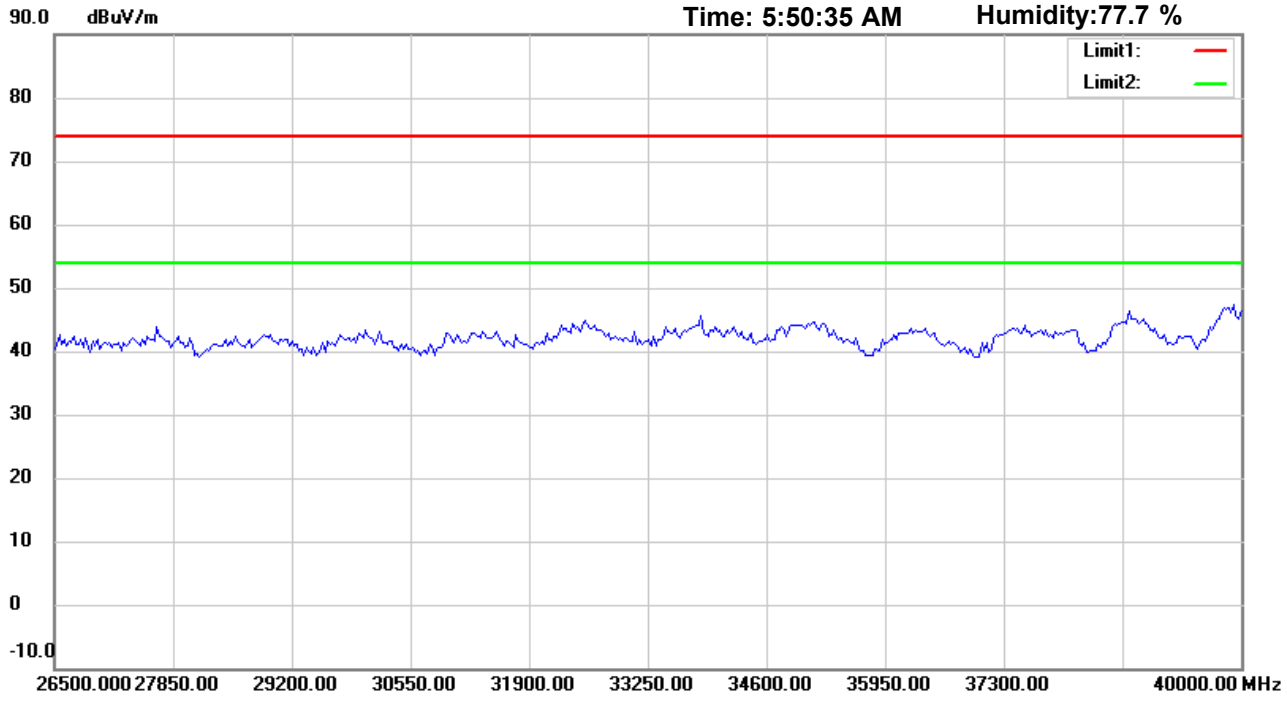
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/13/2018 Time: 5:50:35 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

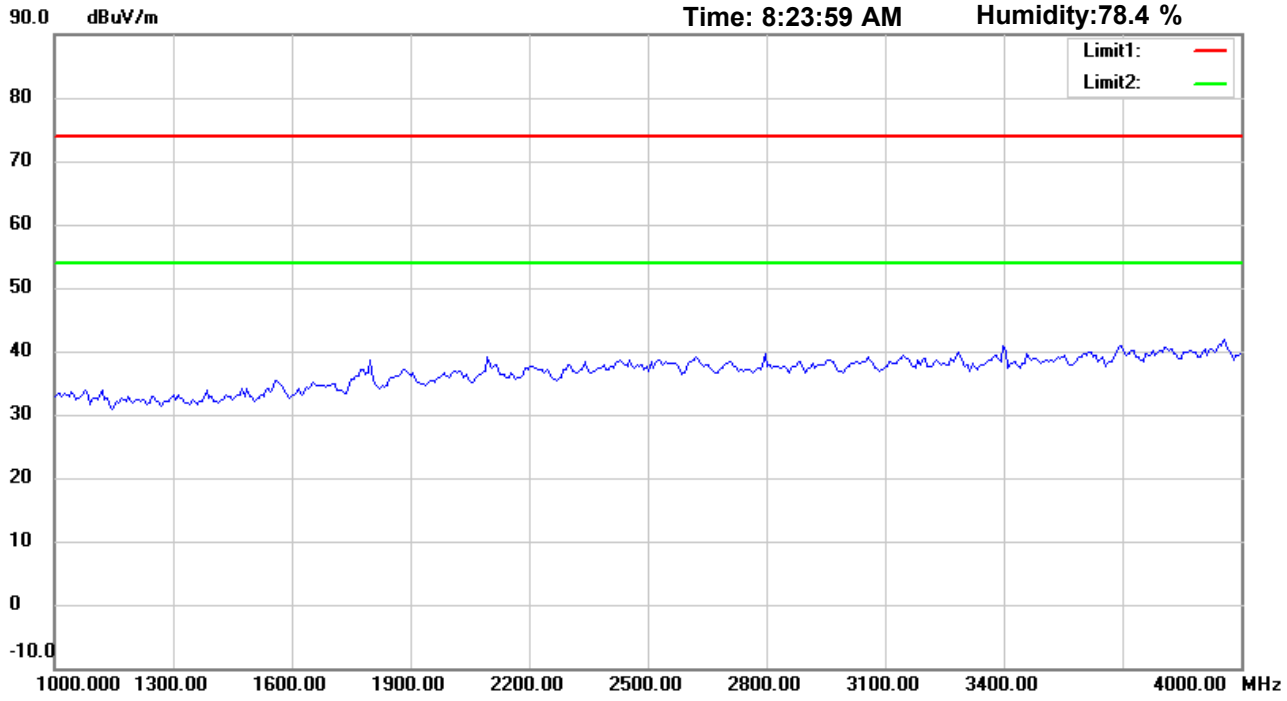
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#1 Date: 12/13/2018 Time: 8:23:59 AM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

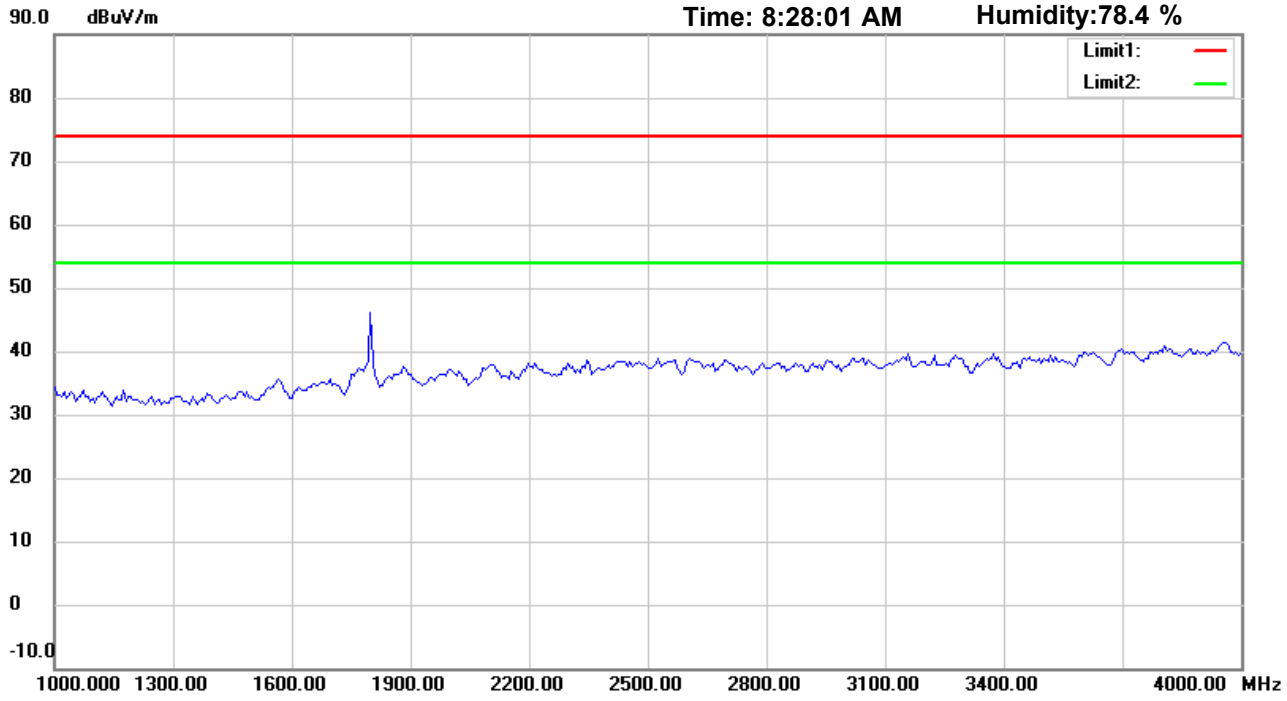
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#7 Date: 12/13/2018 Time: 8:28:01 AM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH149

Note :

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

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

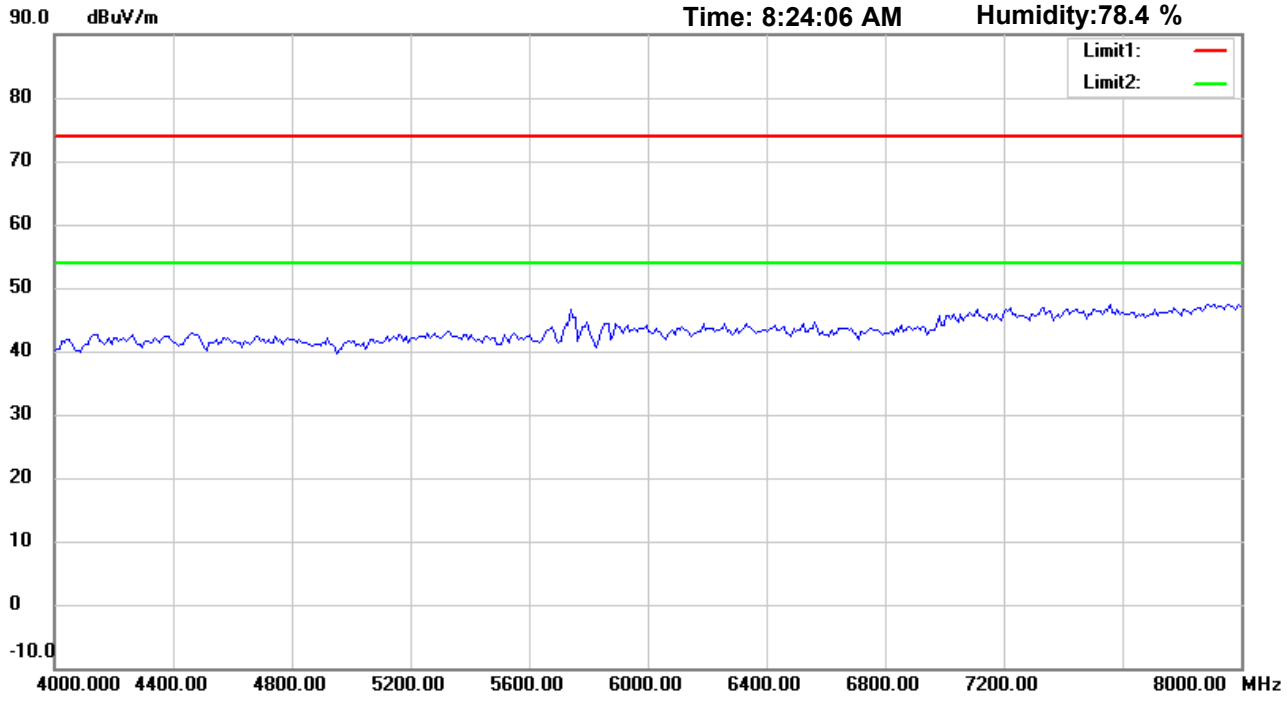
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#2 Date: 12/13/2018 Time: 8:24:06 AM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

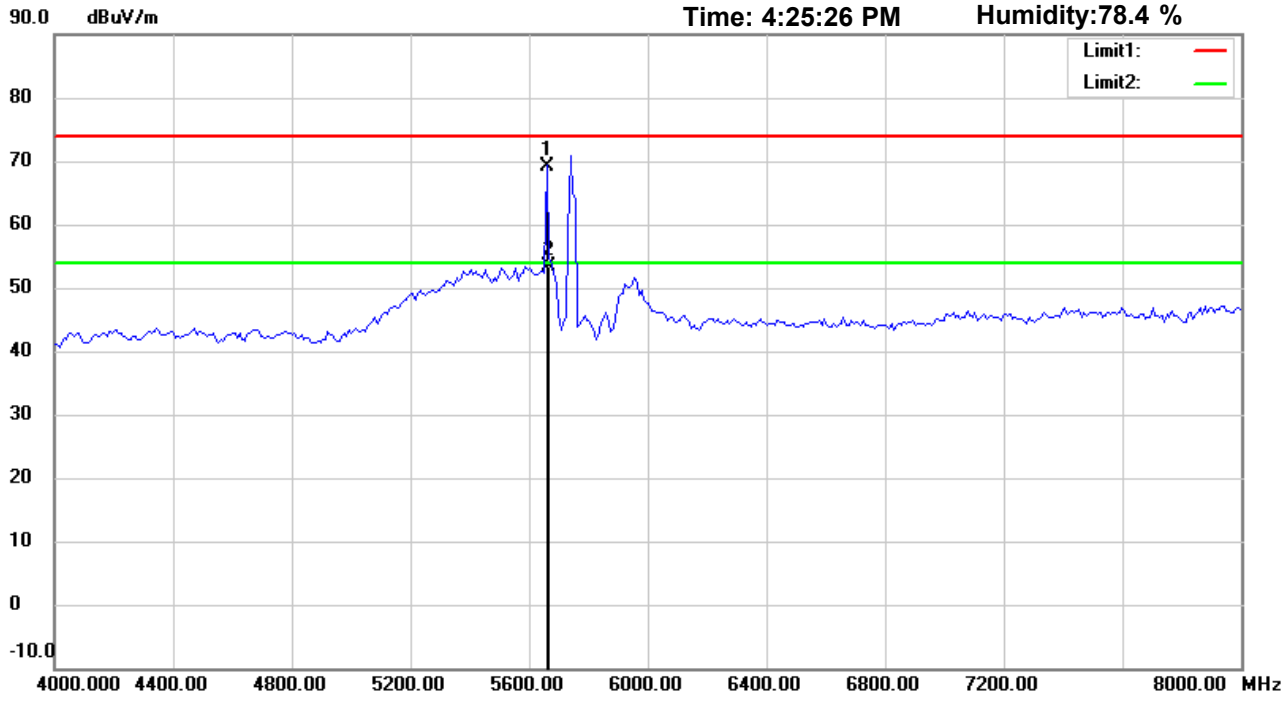
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#8 Date: 12/13/2018 Time: 4:25:26 PM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5659.219	66.08	peak	3.05	69.13	74.00	119	210	-4.87	
*	5659.860	50.21	AVG	3.05	53.26	54.00	119	210	-0.74	

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

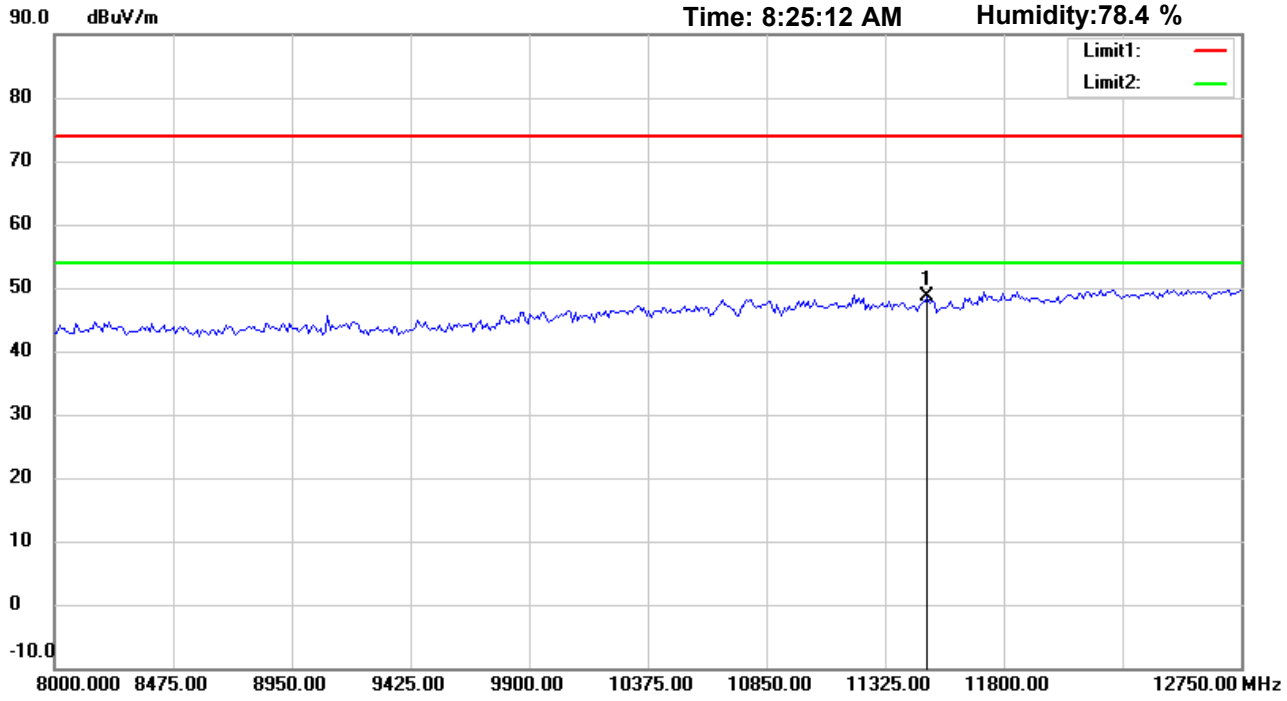
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#3 Date: 12/13/2018 Time: 8:25:12 AM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11490.000	36.10	peak	12.58	48.68	74.00	150	215	-25.32	

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

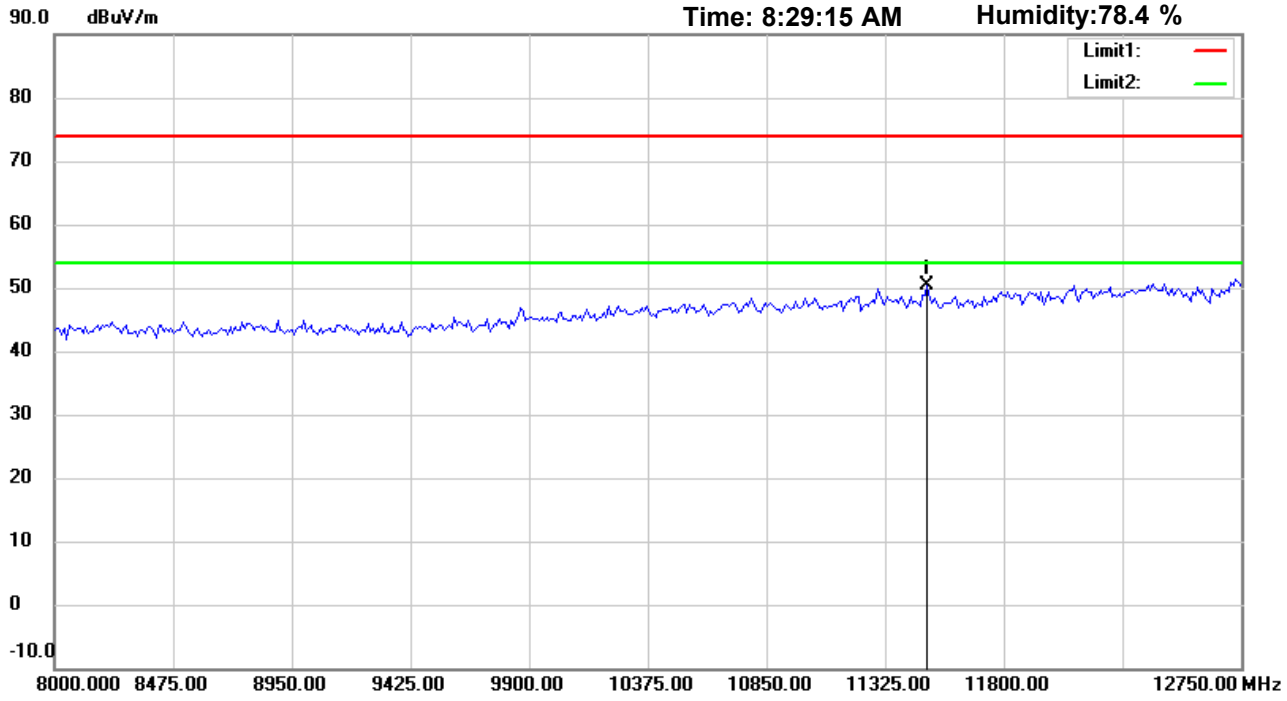
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#9 Date: 12/13/2018 Time: 8:29:15 AM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11490.000	37.77	peak	12.58	50.35	74.00	150	35	-23.65	

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

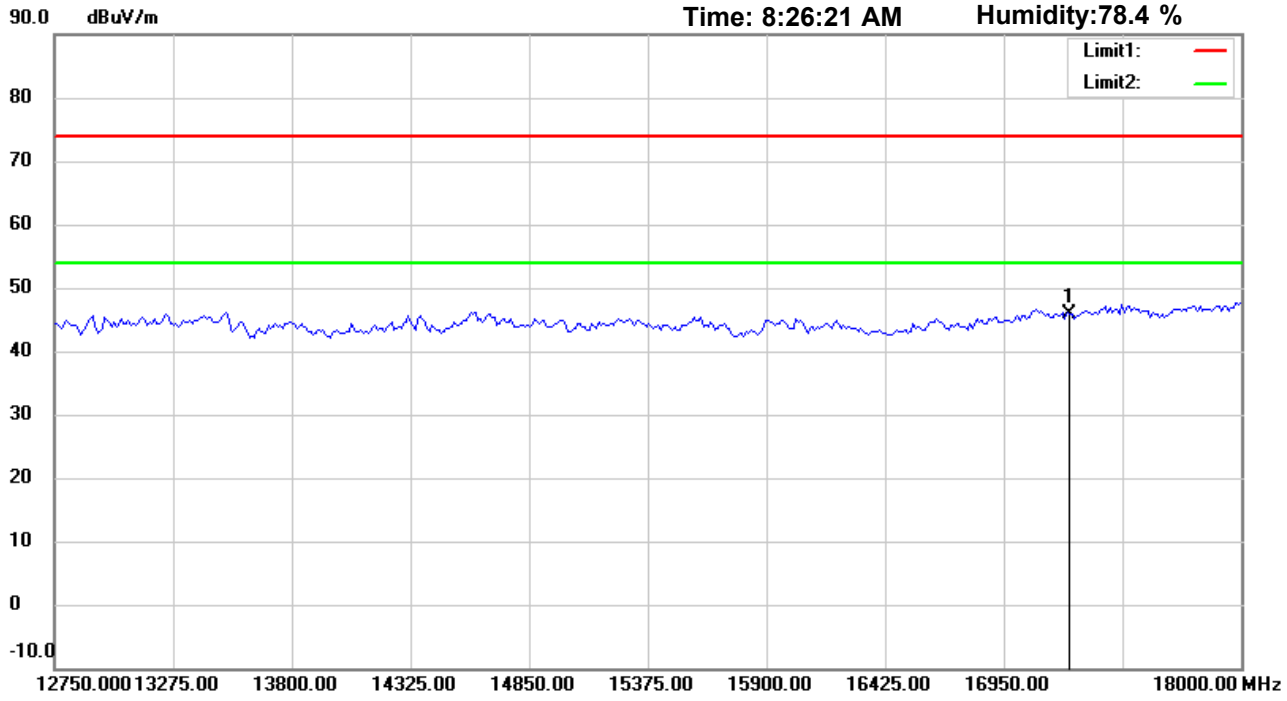
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#4 Date: 12/13/2018 Time: 8:26:21 AM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17235.000	25.23	peak	20.66	45.89	74.00	150	180	-28.11	

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

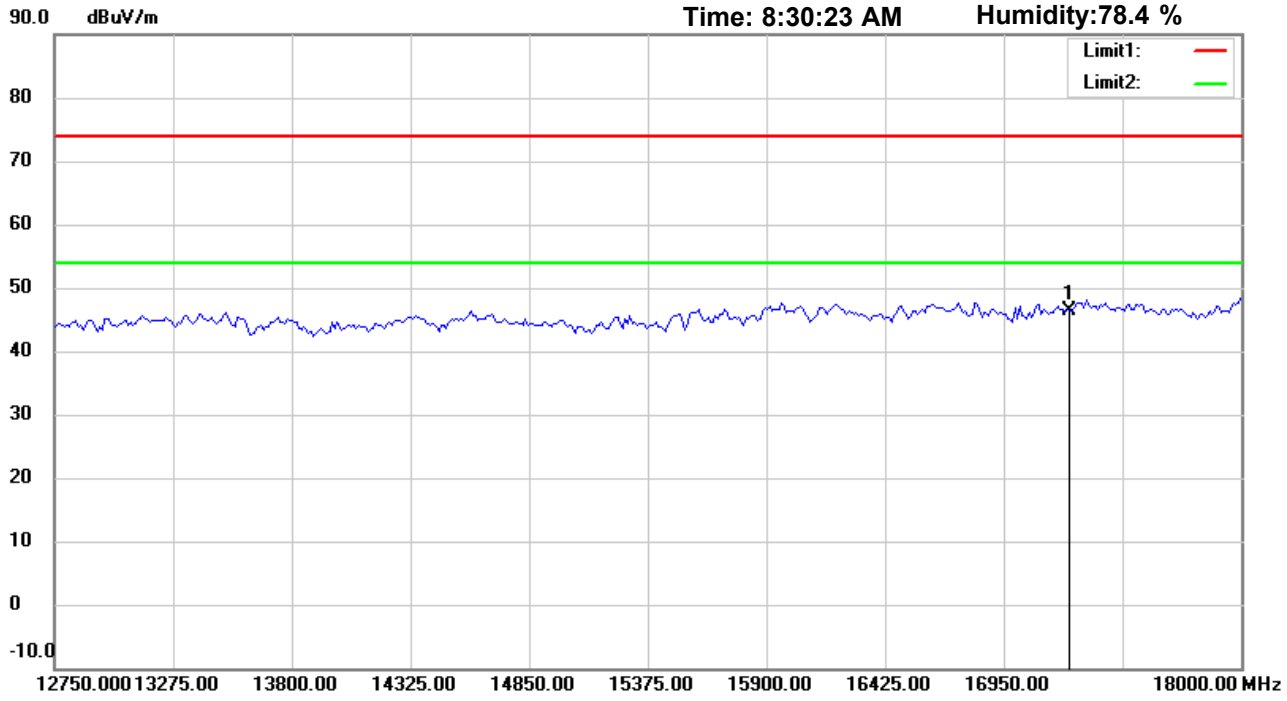
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#10 Date: 12/13/2018 Time: 8:30:23 AM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17235.000	25.68	peak	20.66	46.34	74.00	150	15	-27.66	

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

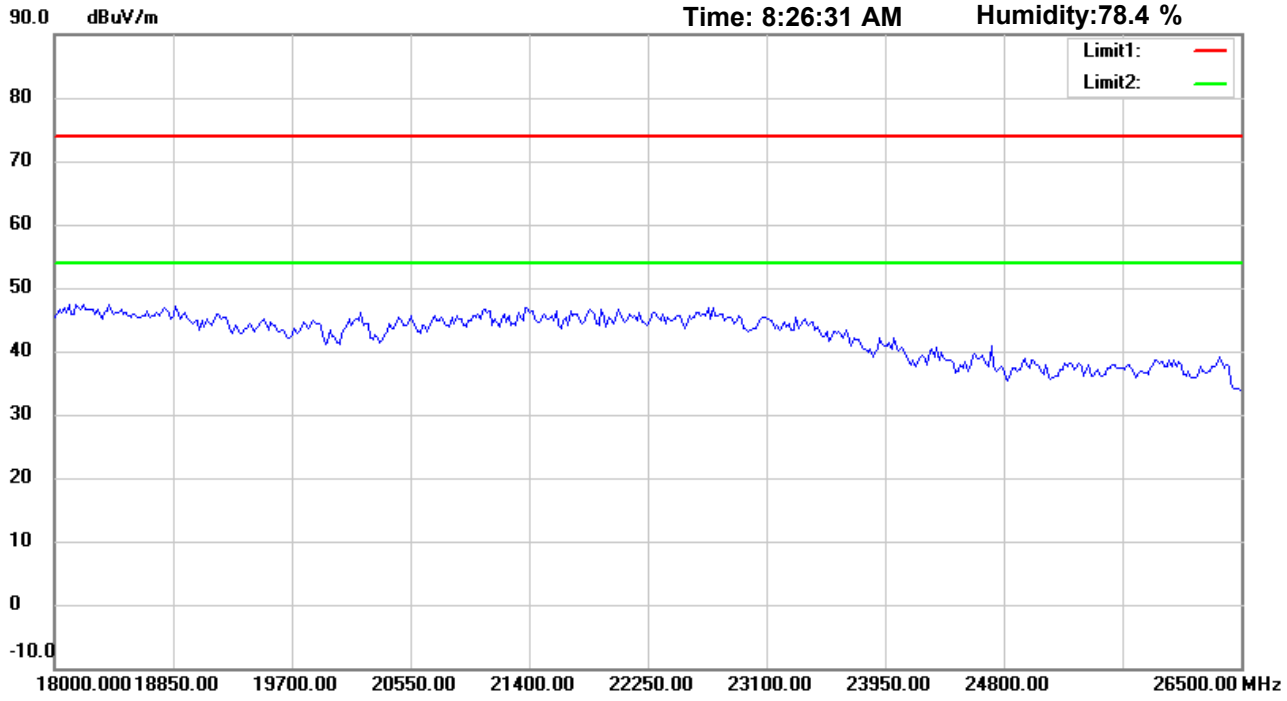
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#5 Date: 12/13/2018 Time: 8:26:31 AM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

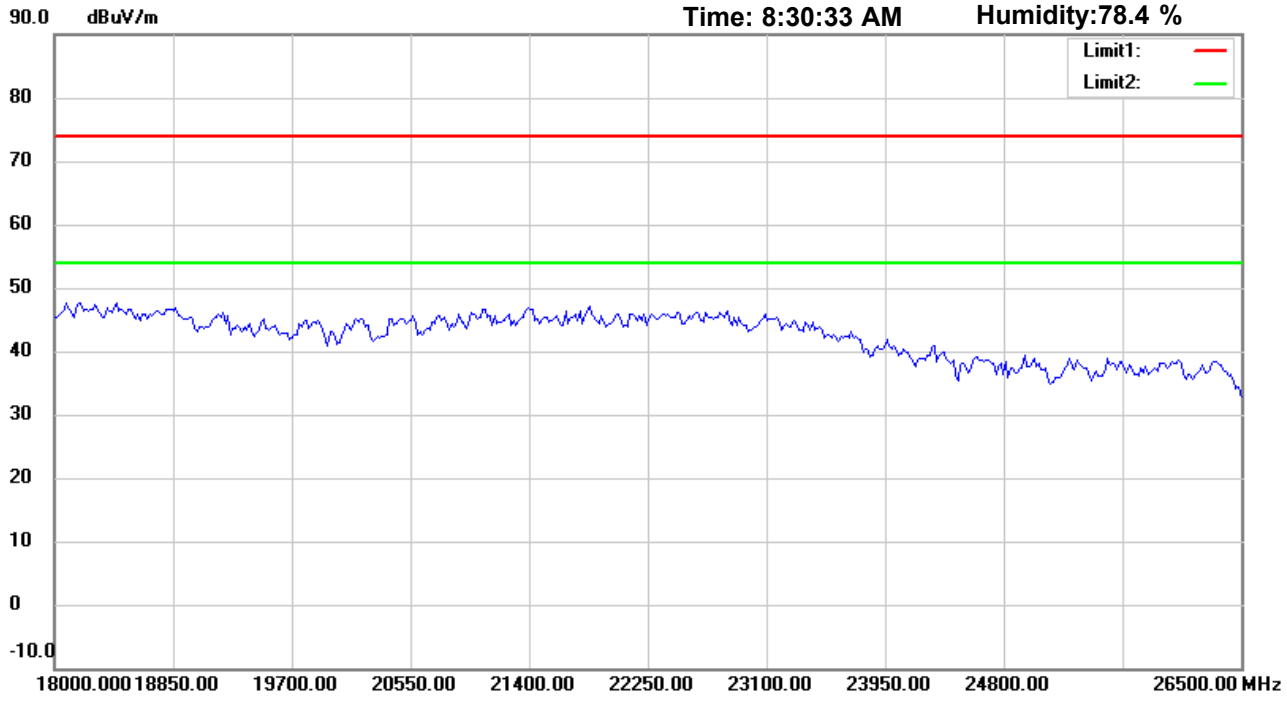
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#11 Date: 12/13/2018 Time: 8:30:33 AM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

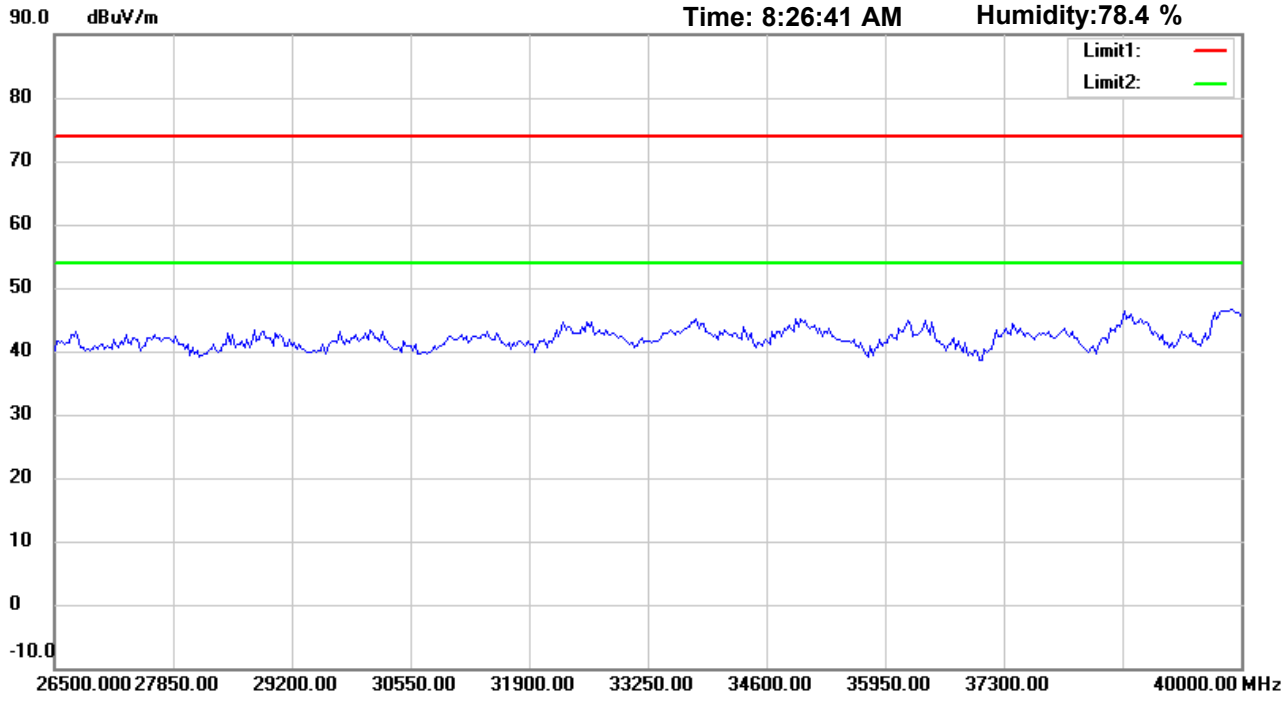
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#6 Date: 12/13/2018 Time: 8:26:41 AM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

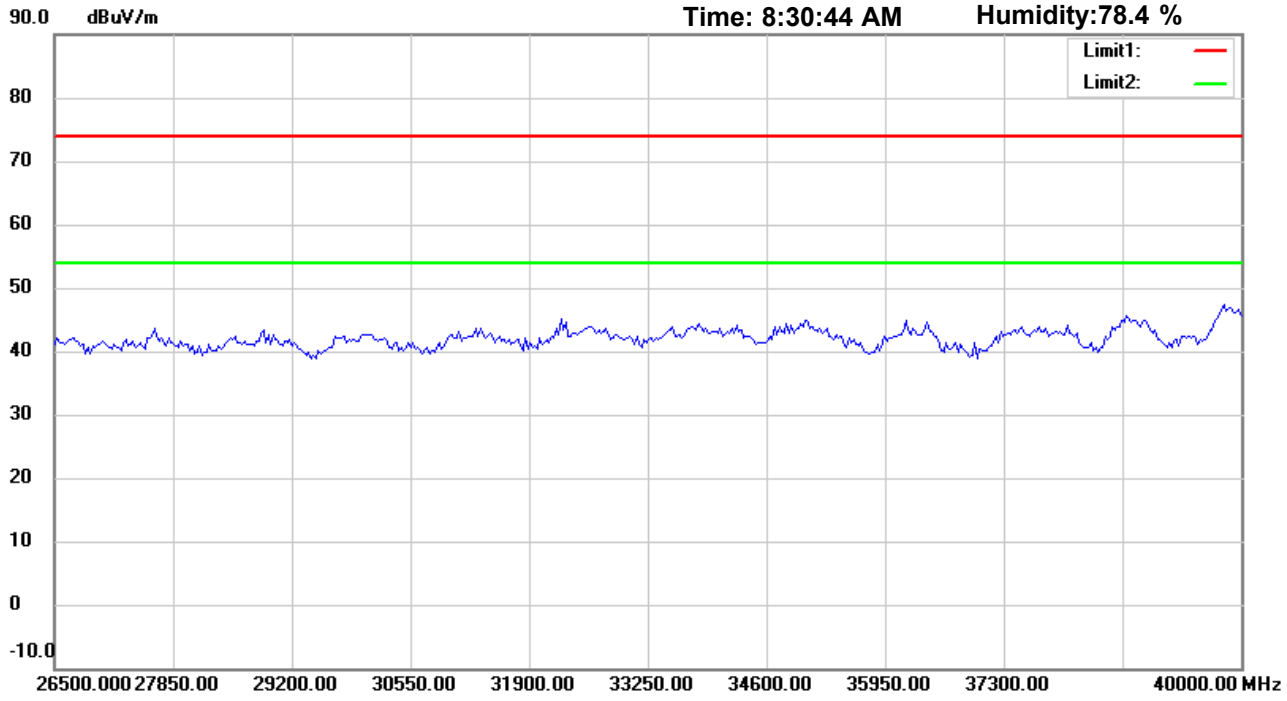
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Sky

File :3 Data :#12 Date: 12/13/2018 Time: 8:30:44 AM

Temperature:18.5 ℃ Humidity:78.4 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

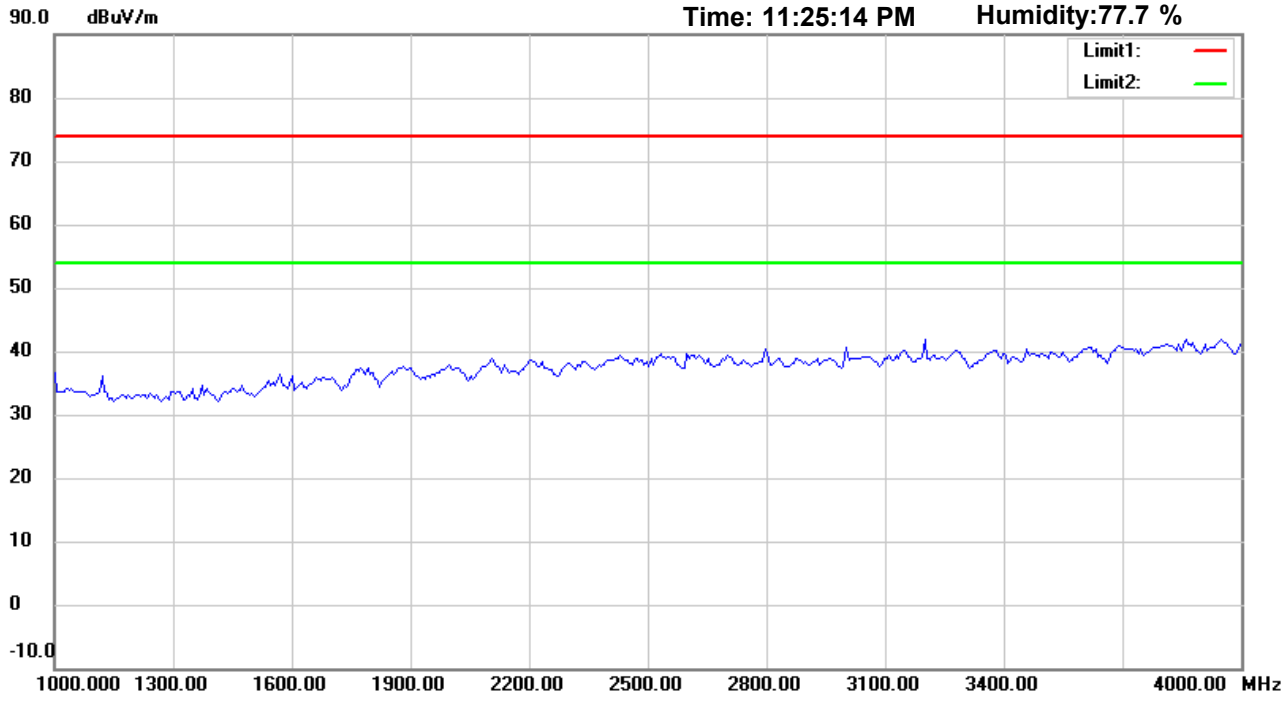
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#1 Date: 12/13/2018 Time: 11:25:14 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

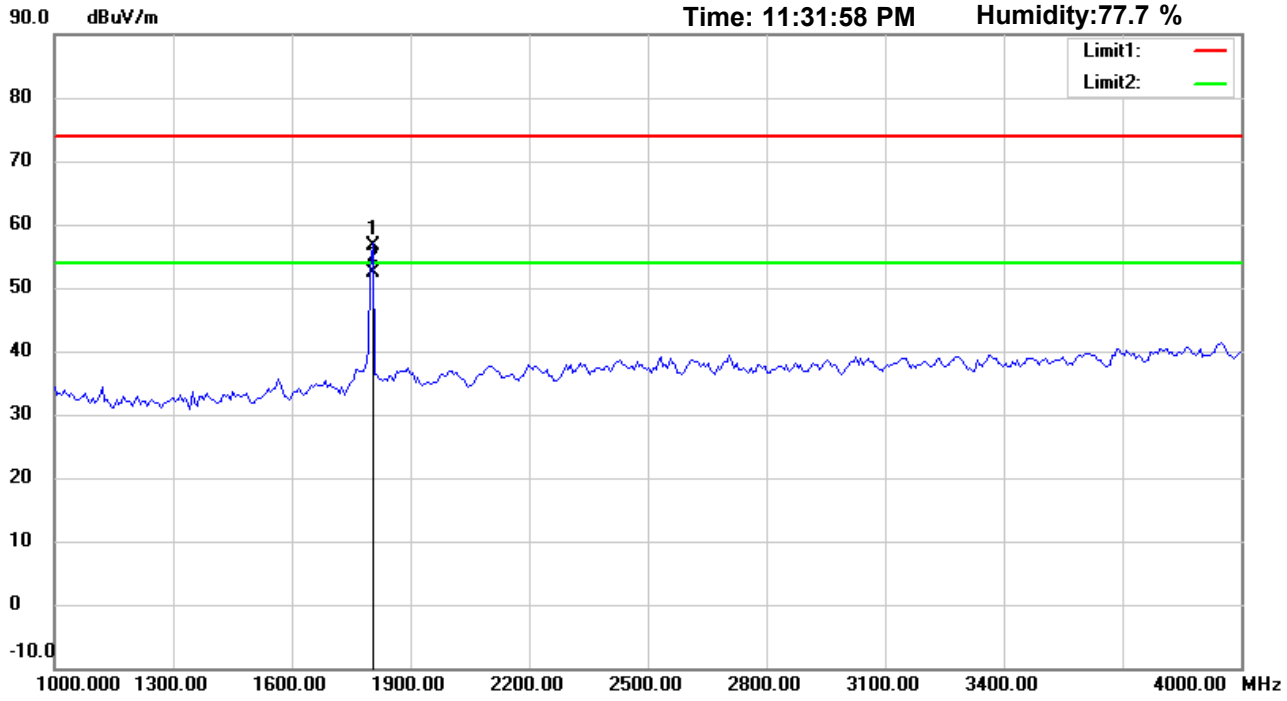
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#7 Date: 12/13/2018 Time: 11:31:58 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1800.077	63.09	peak	-6.52	56.57	74.00	150	0	-17.43	
*	1800.077	58.87	AVG	-6.52	52.35	54.00	150	0	-1.65	

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

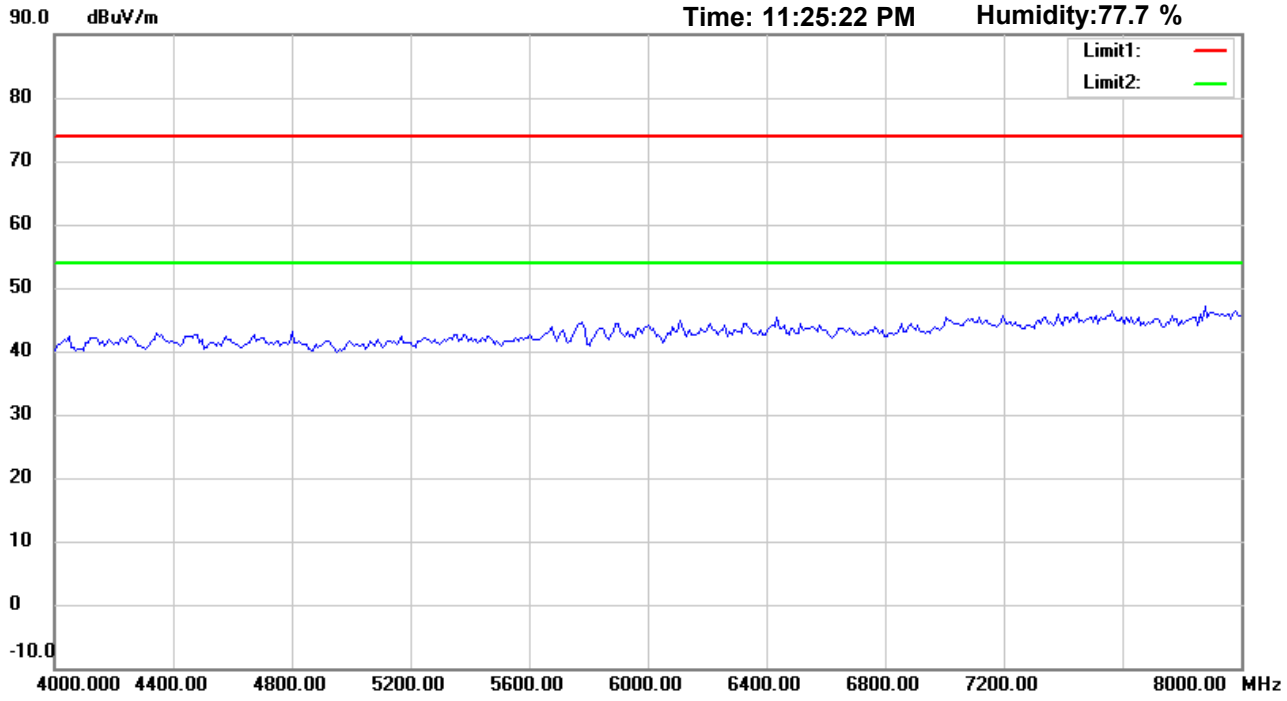
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#2 Date: 12/13/2018 Time: 11:25:22 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

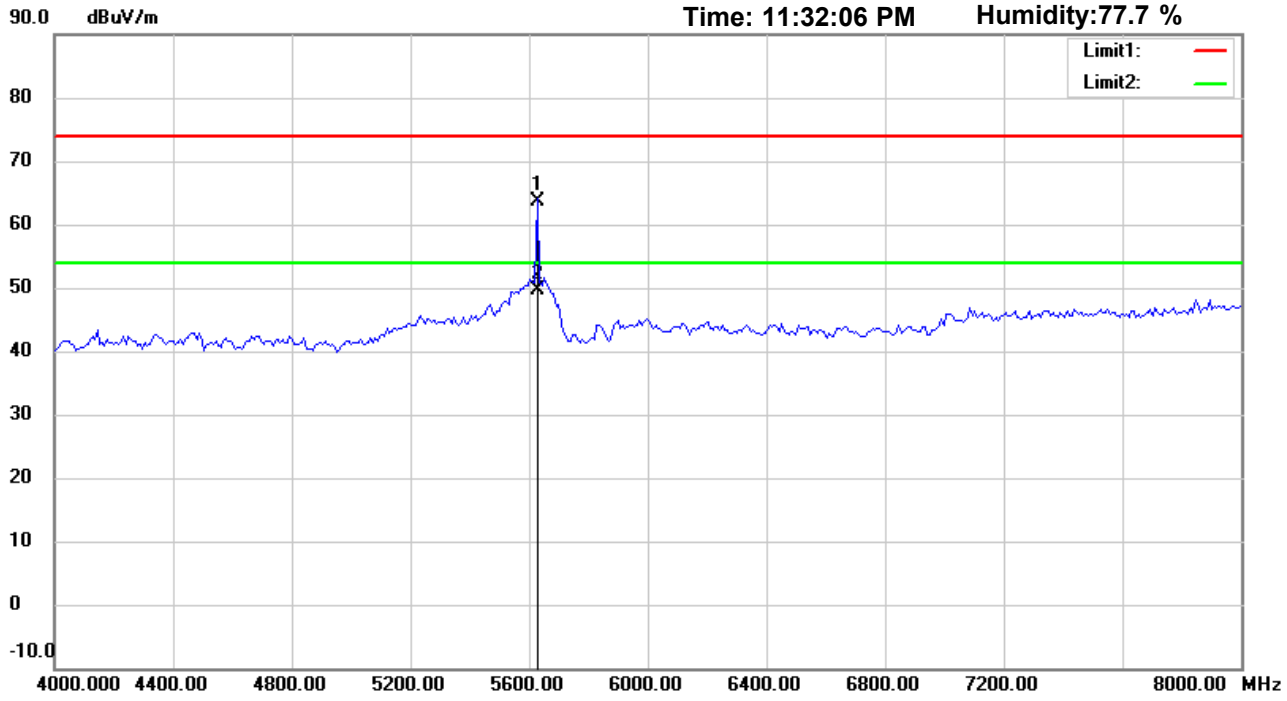
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#8 Date: 12/13/2018 Time: 11:32:06 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5622.865	60.89	peak	2.70	63.59	74.00	150	95	-10.41	
*	5622.865	46.98	AVG	2.70	49.68	54.00	150	95	-4.32	

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

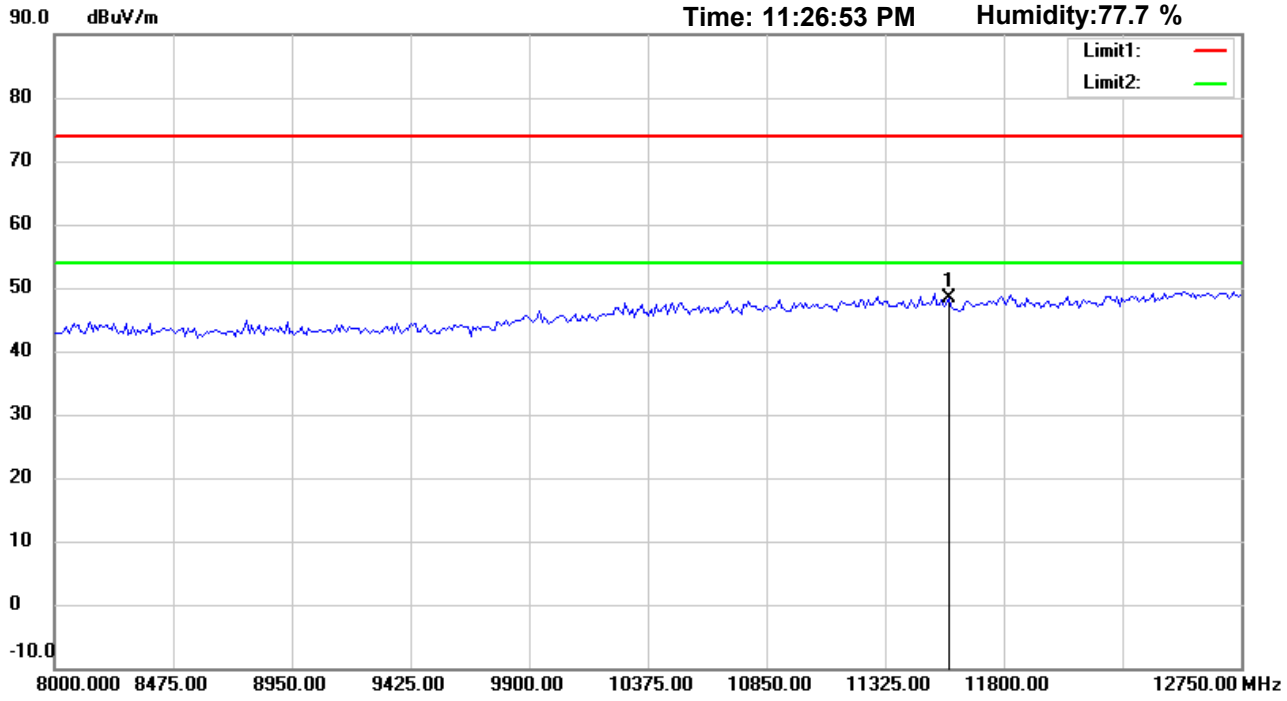
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#3 Date: 12/13/2018 Time: 11:26:53 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11570.000	36.33	peak	12.12	48.45	74.00	150	130	-25.55	

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

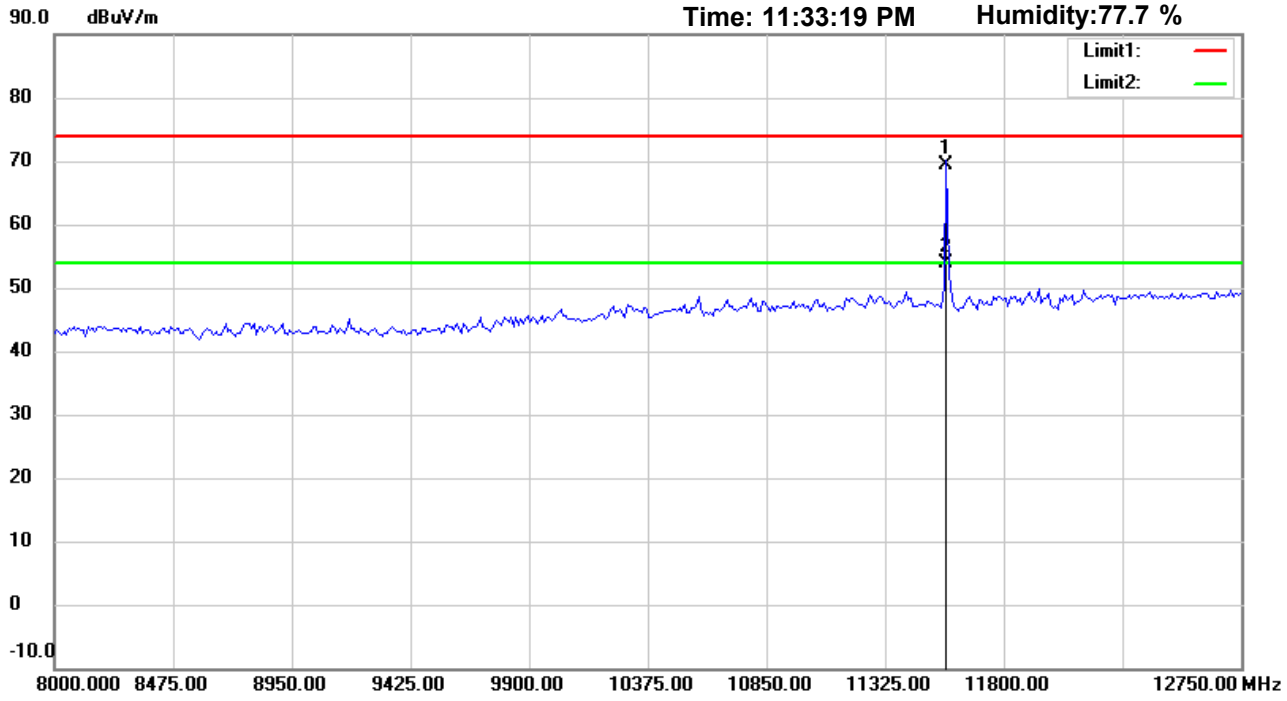
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#9 Date: 12/13/2018 Time: 11:33:19 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	11567.374	57.29	peak	12.14	69.43	74.00	150	169	-4.57	
*	11567.374	41.73	AVG	12.14	53.87	54.00	150	169	-0.13	

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

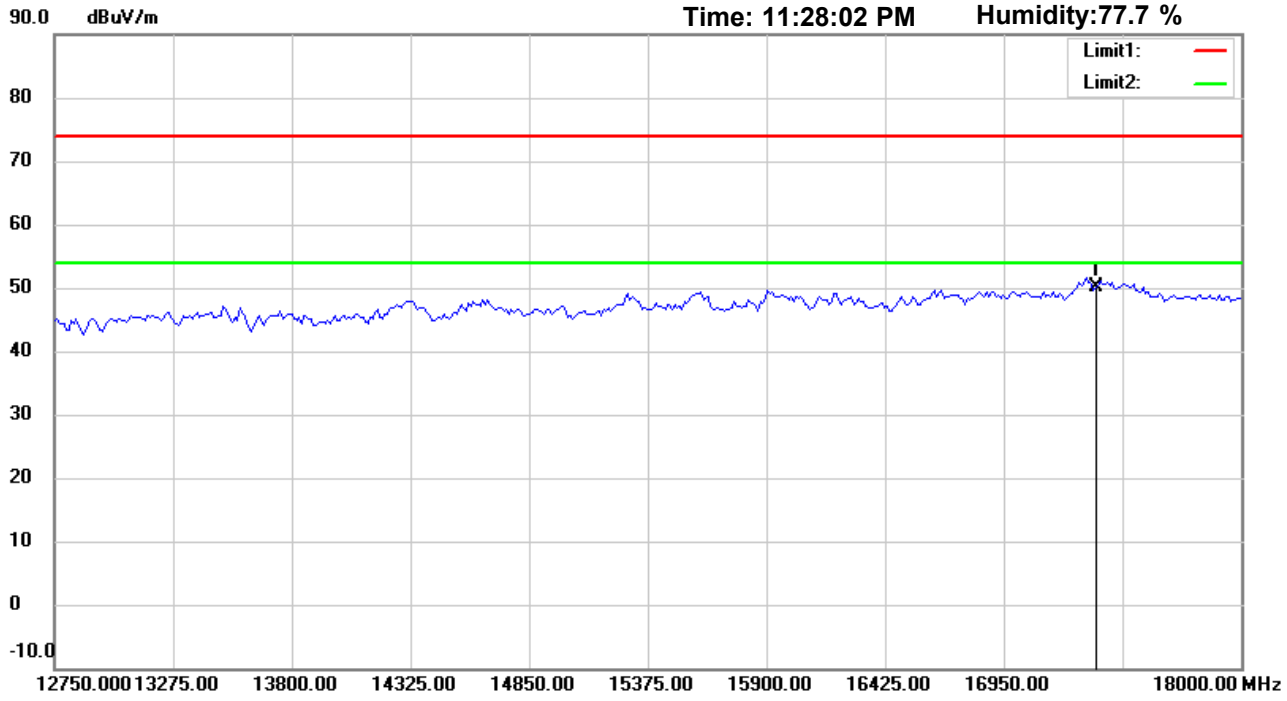
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#4 Date: 12/13/2018 Time: 11:28:02 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17355.000	27.76	peak	22.27	50.03	74.00	150	245	-23.97	

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

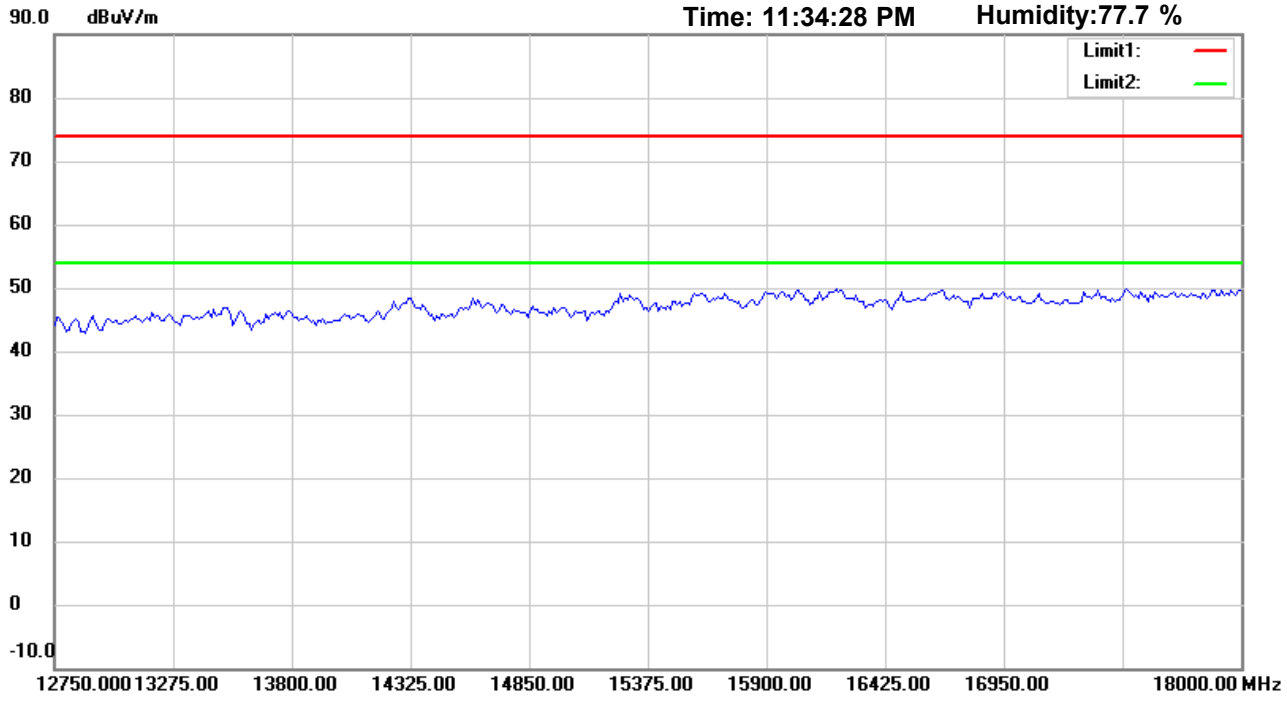
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#10 Date: 12/13/2018 Time: 11:34:28 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH157

Note :

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

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

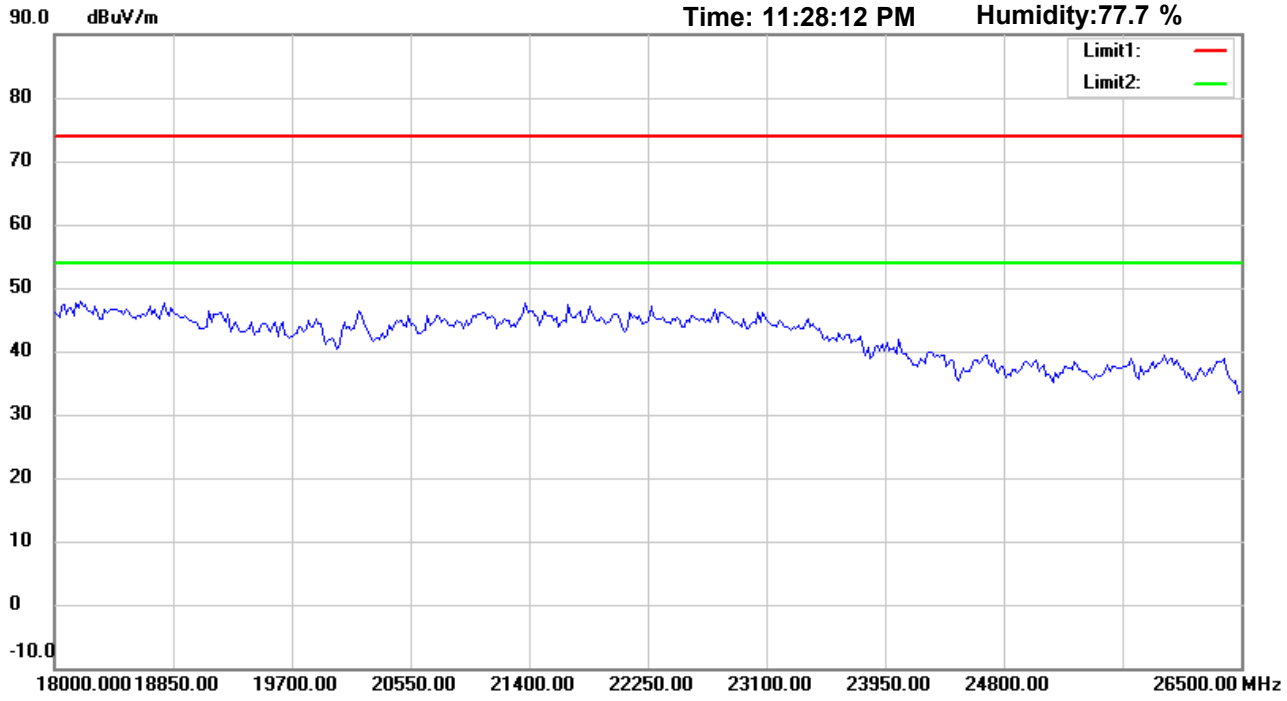
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#5 Date: 12/13/2018 Time: 11:28:12 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

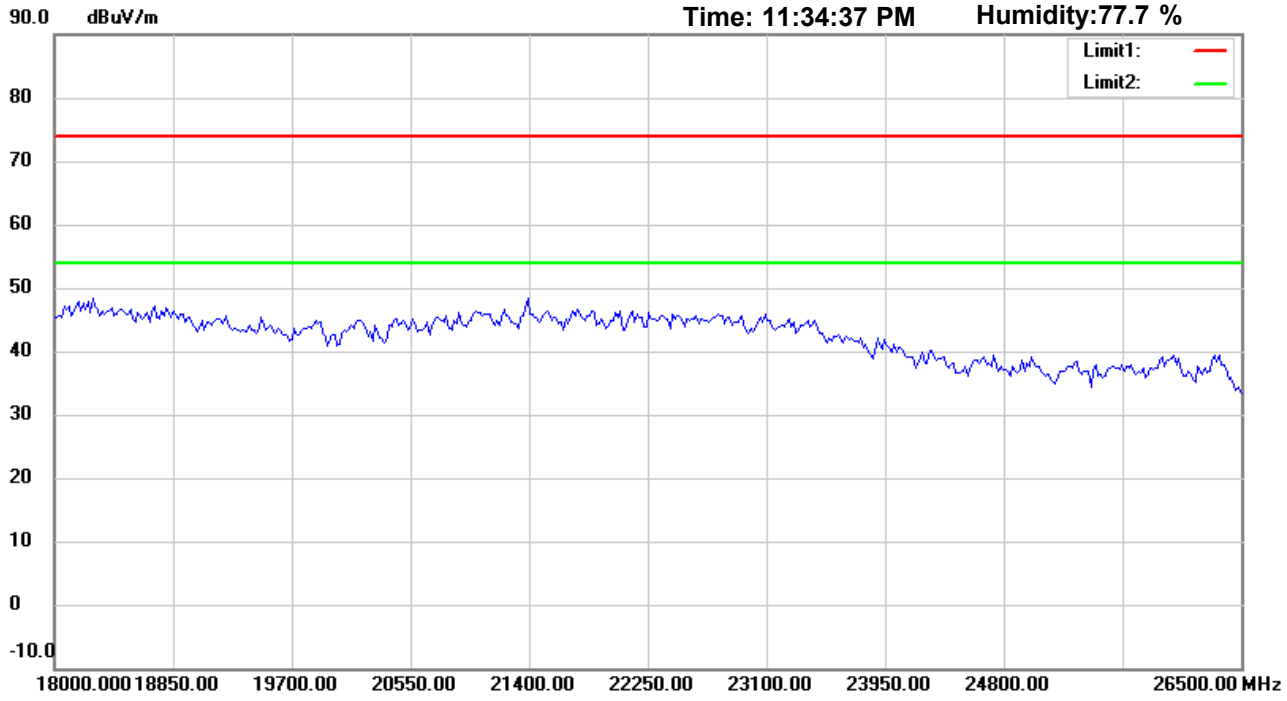
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#11 Date: 12/13/2018 Time: 11:34:37 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

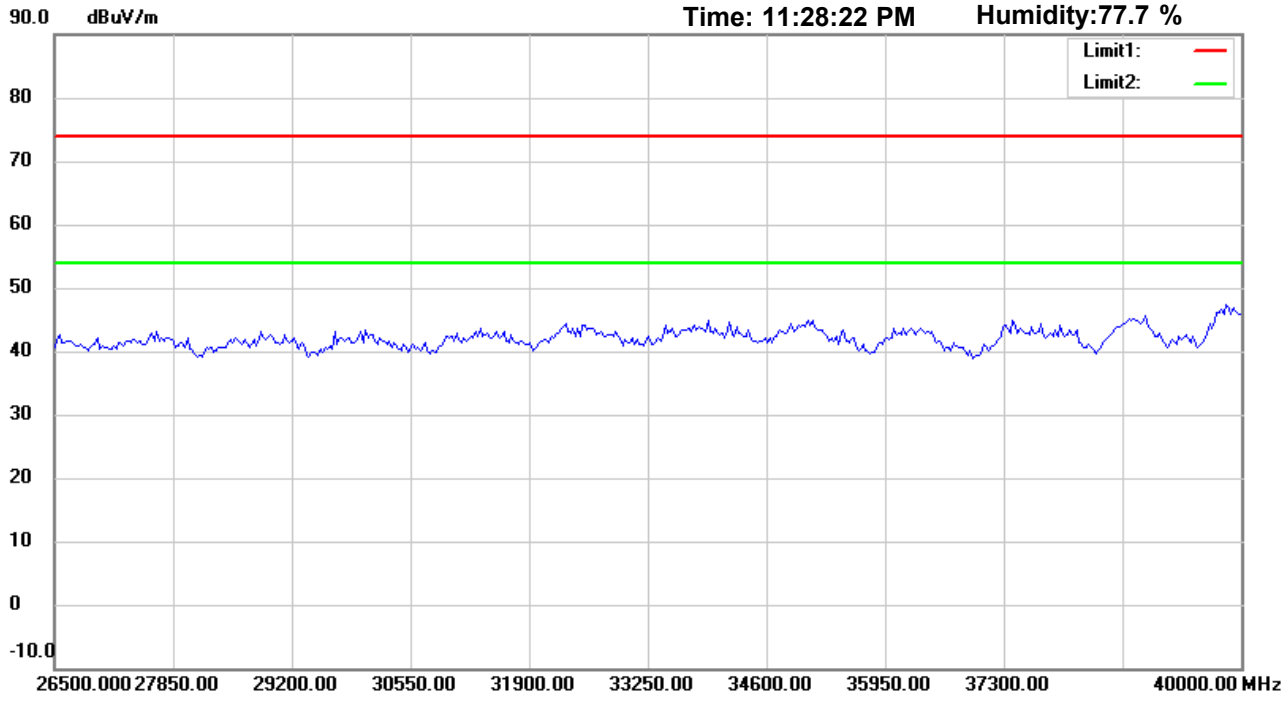
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#6 Date: 12/13/2018 Time: 11:28:22 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

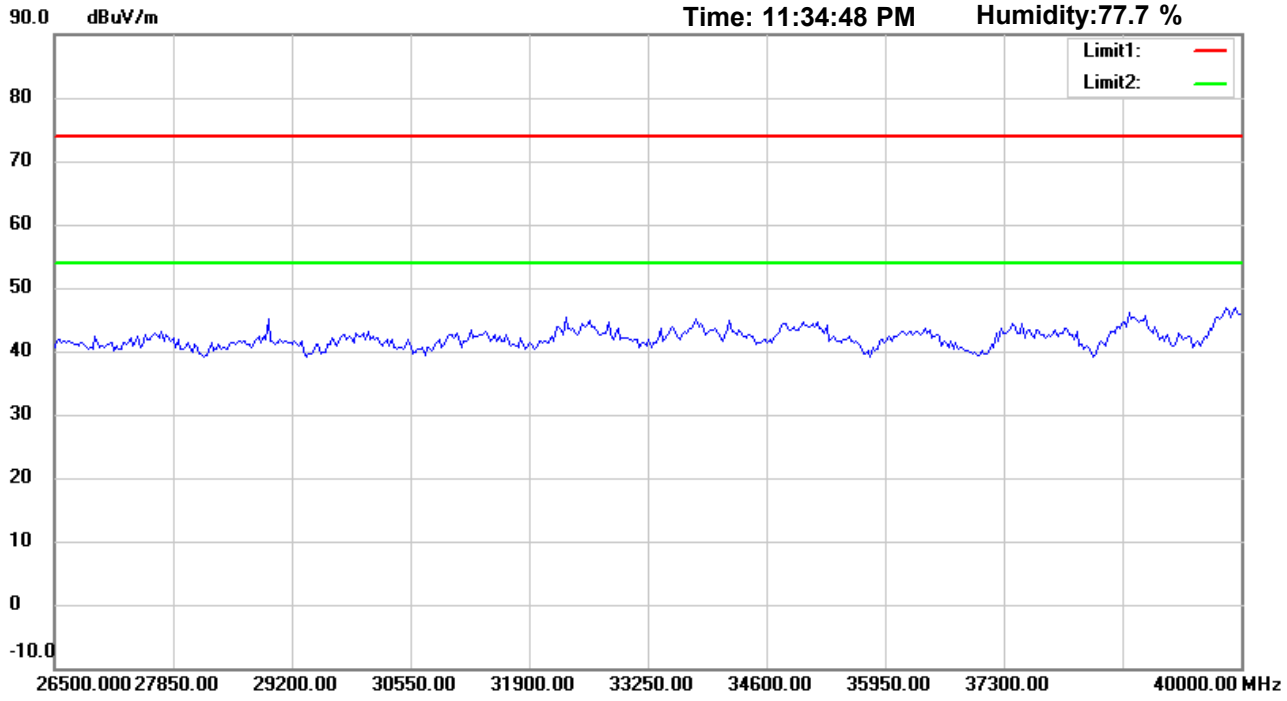
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Vincent

File :3 Data :#12 Date: 12/13/2018 Time: 11:34:48 PM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

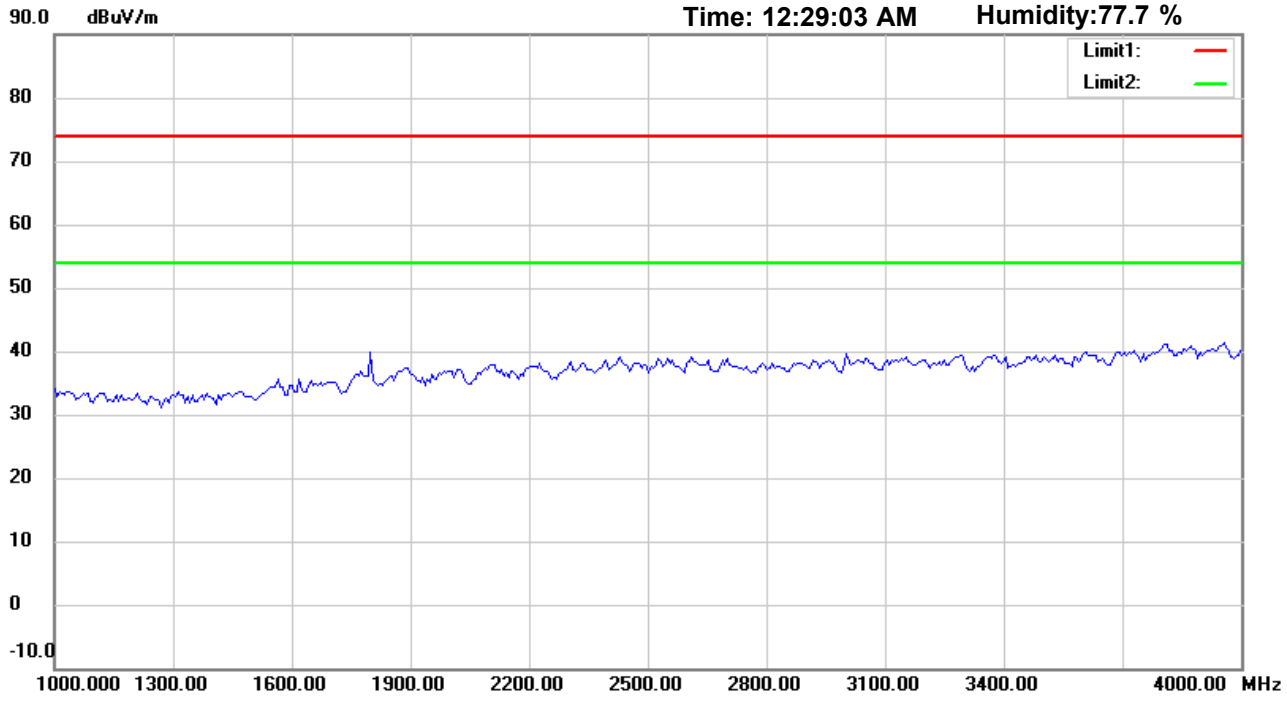
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 12:29:03 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

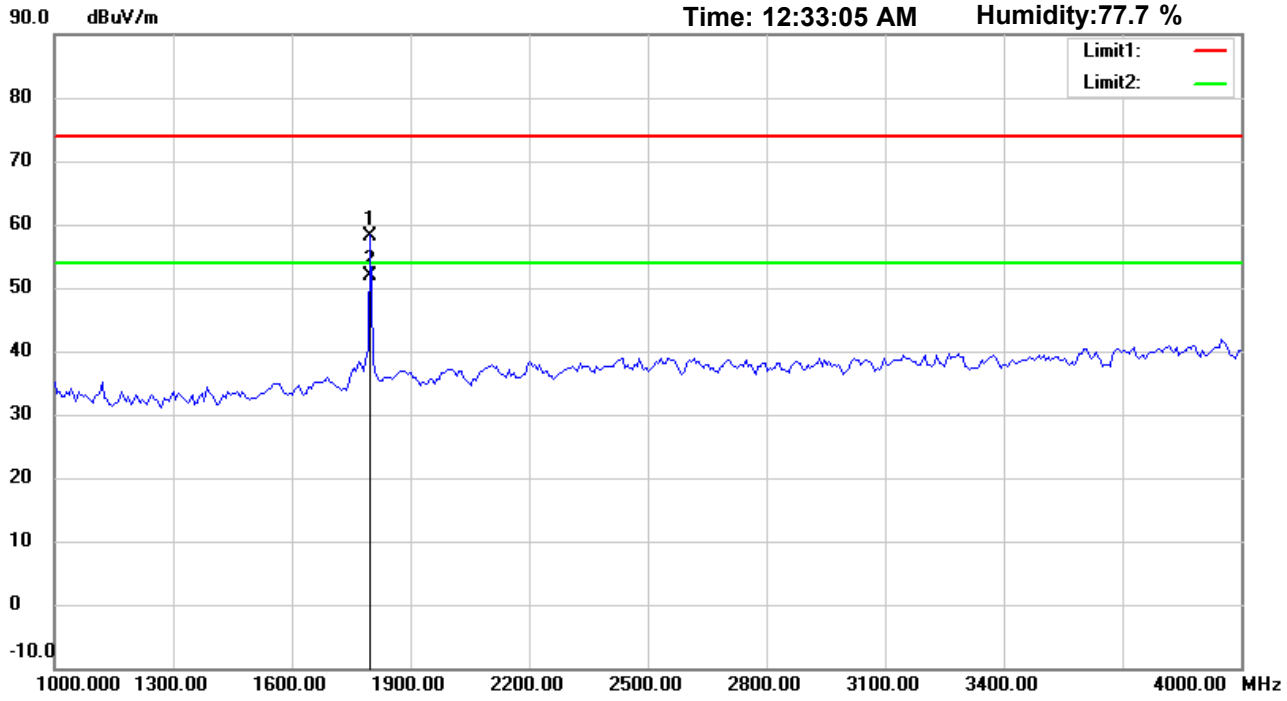
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 12:33:05 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.65	peak	-6.52	58.13	74.00	150	40	-15.87	
*	1799.599	58.34	AVG	-6.52	51.82	54.00	150	40	-2.18	

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

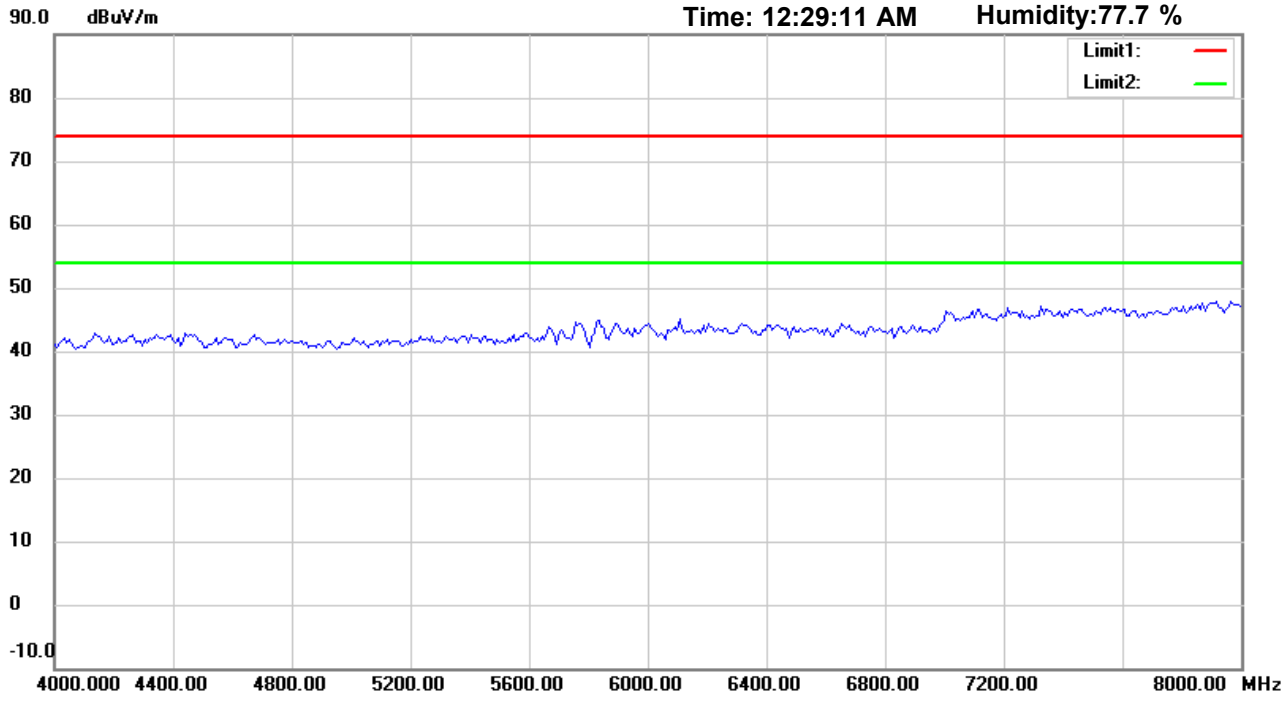
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 12:29:11 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

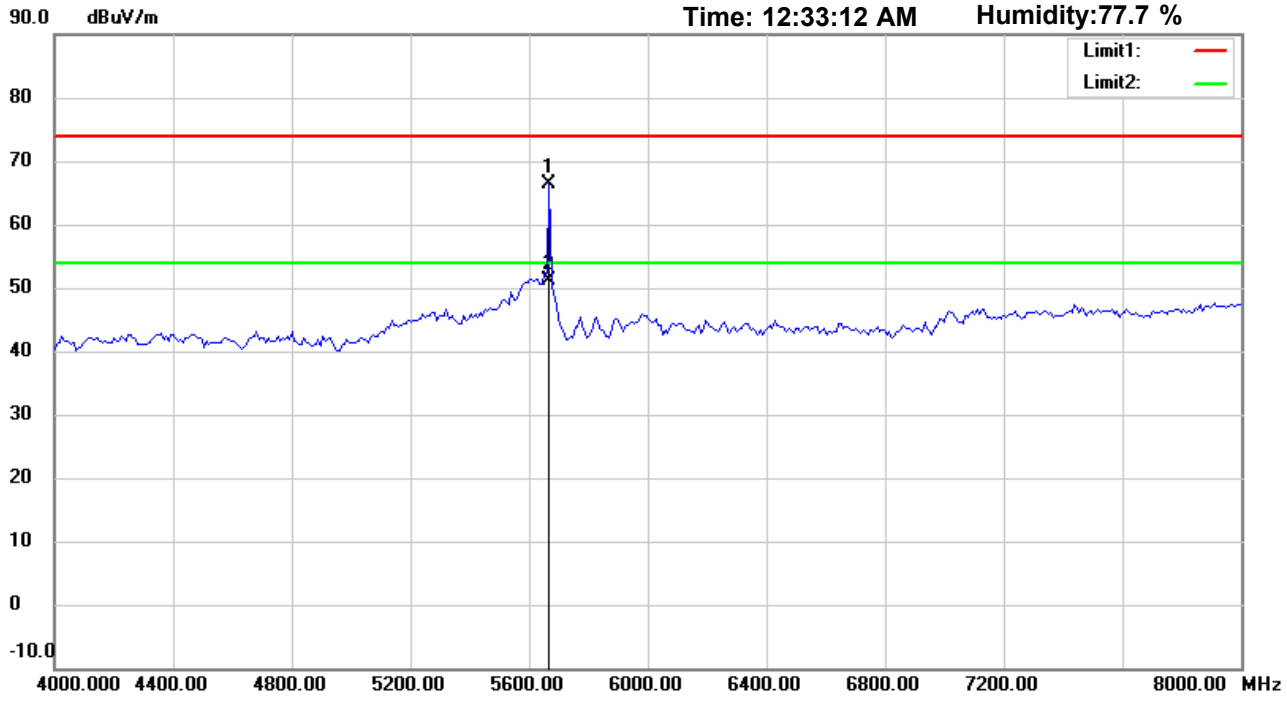
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 12:33:12 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5659.439	63.31	peak	3.05	66.36	74.00	150	205	-7.64	
*	5659.439	48.15	AVG	3.05	51.20	54.00	150	205	-2.80	

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

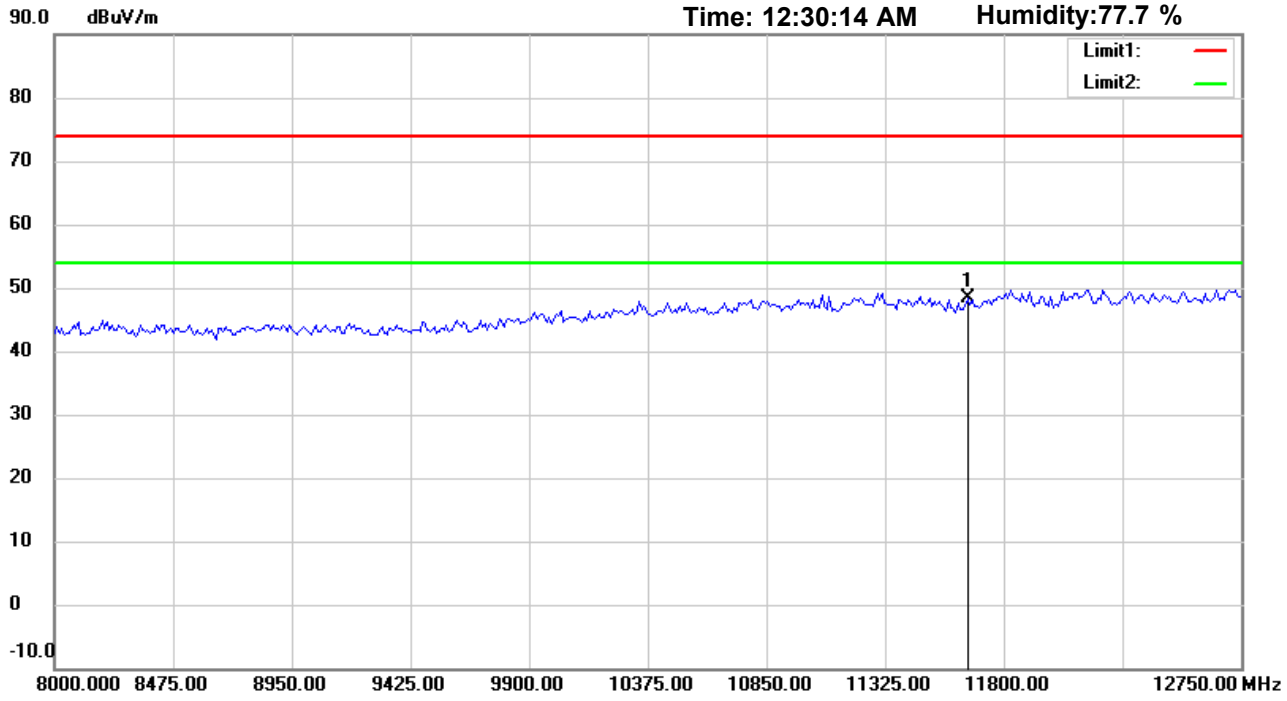
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 12:30:14 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11650.000	35.98	peak	12.32	48.30	74.00	150	165	-25.70	

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

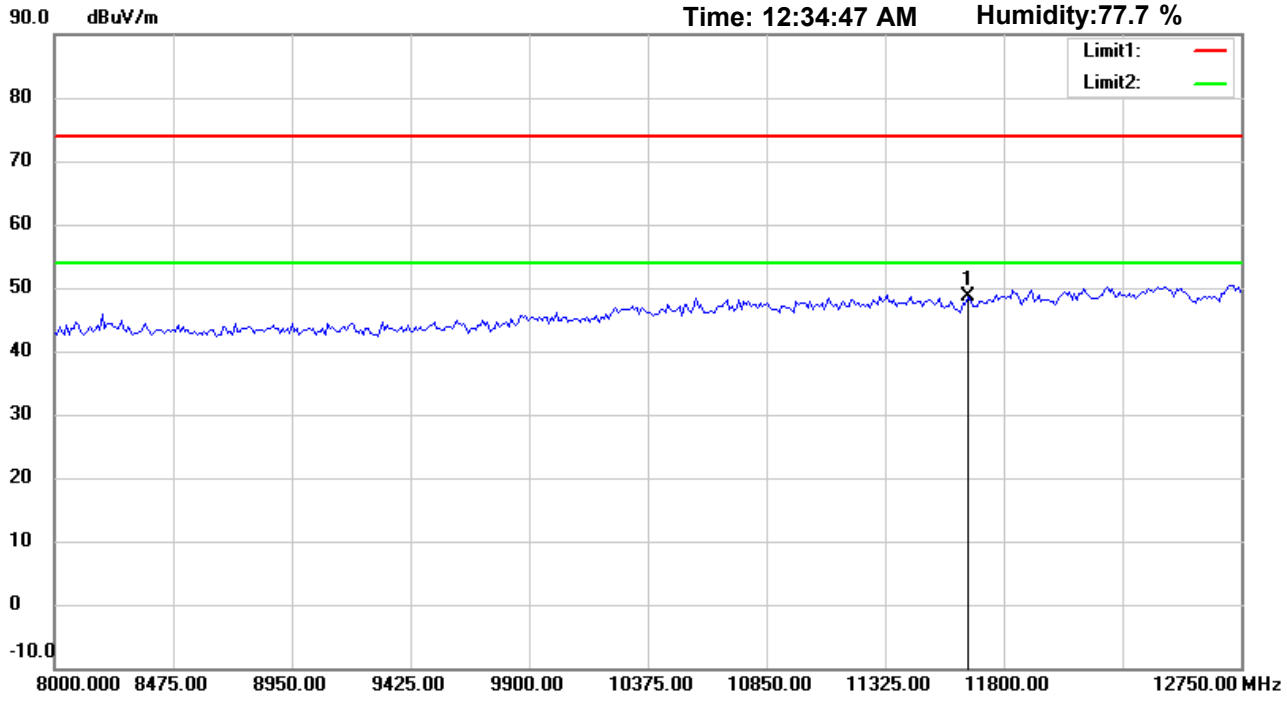
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 12:34:47 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11650.000	36.35	peak	12.32	48.67	74.00	150	340	-25.33	

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

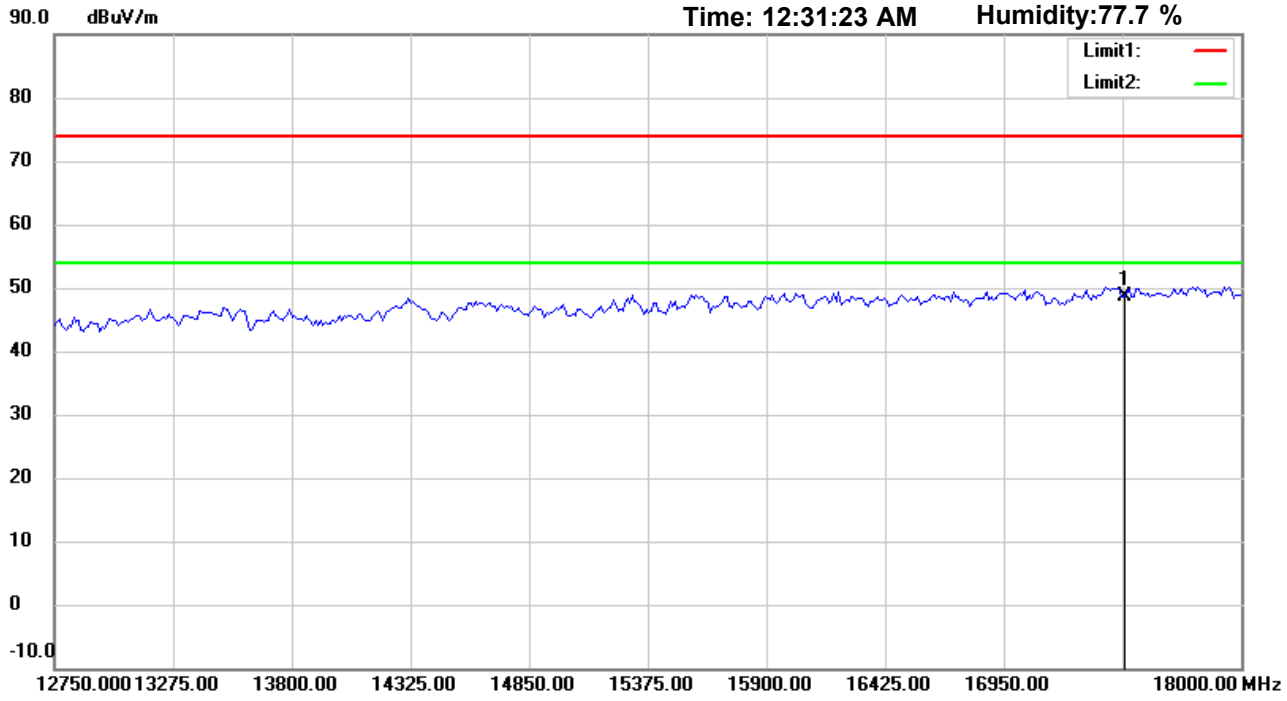
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 12:31:23 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17475.000	26.21	peak	22.50	48.71	74.00	150	275	-25.29	

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

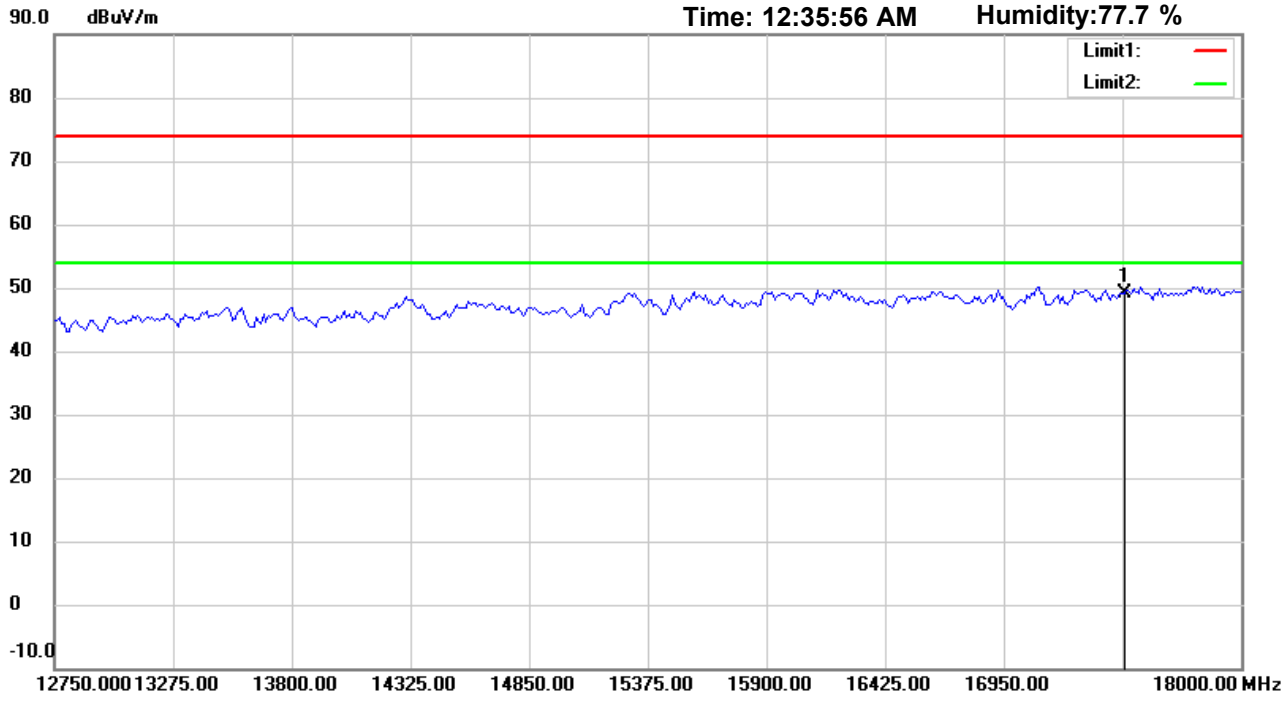
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 12:35:56 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17475.000	26.58	peak	22.50	49.08	74.00	150	95	-24.92	

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

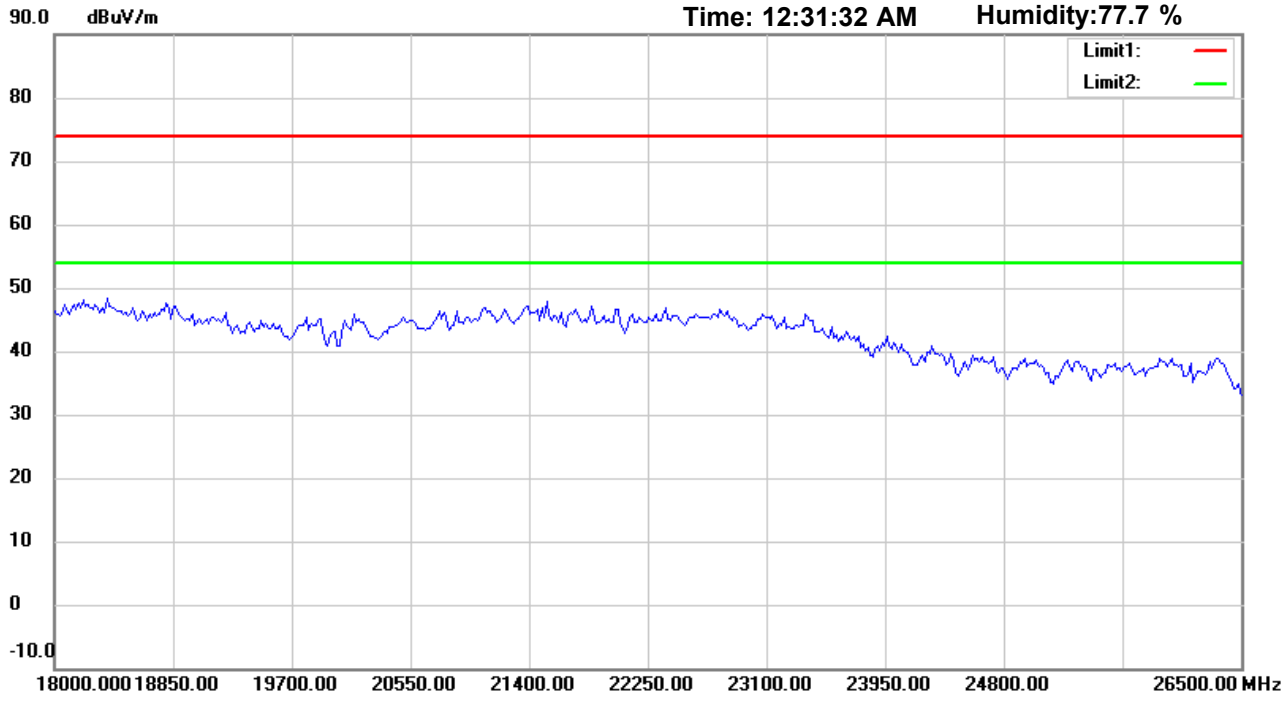
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 12:31:32 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

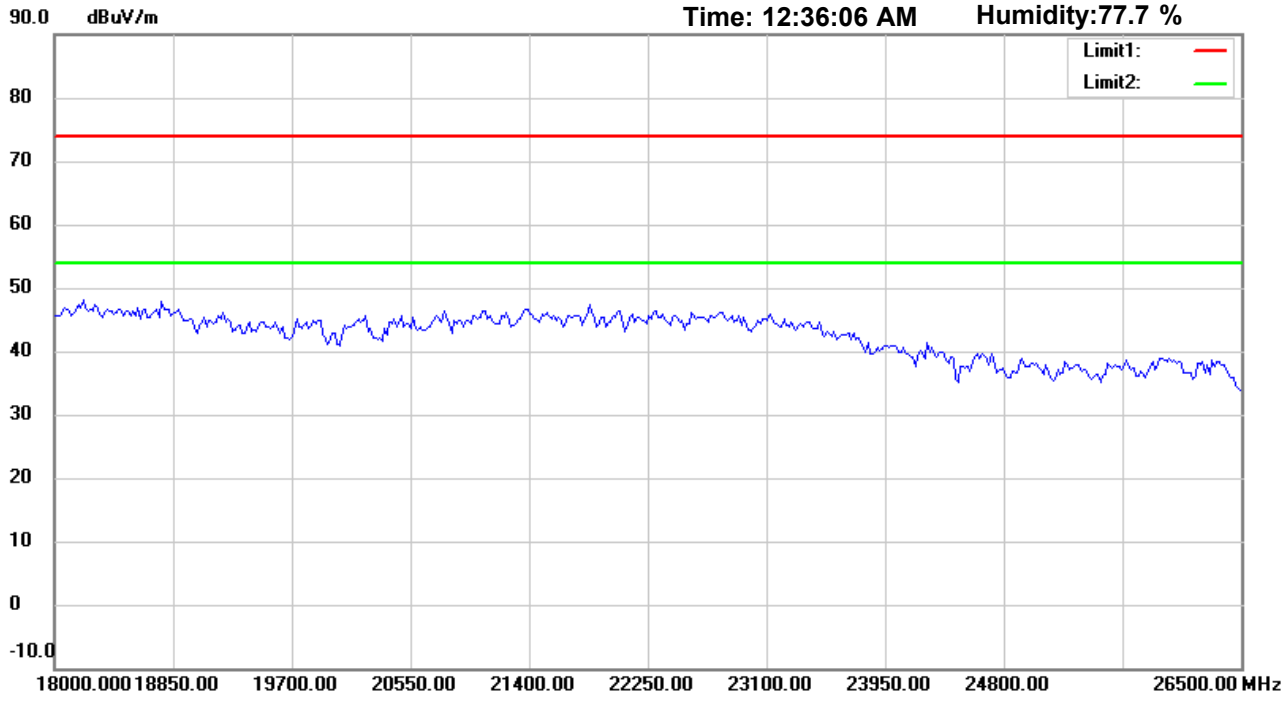
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/14/2018 Time: 12:36:06 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

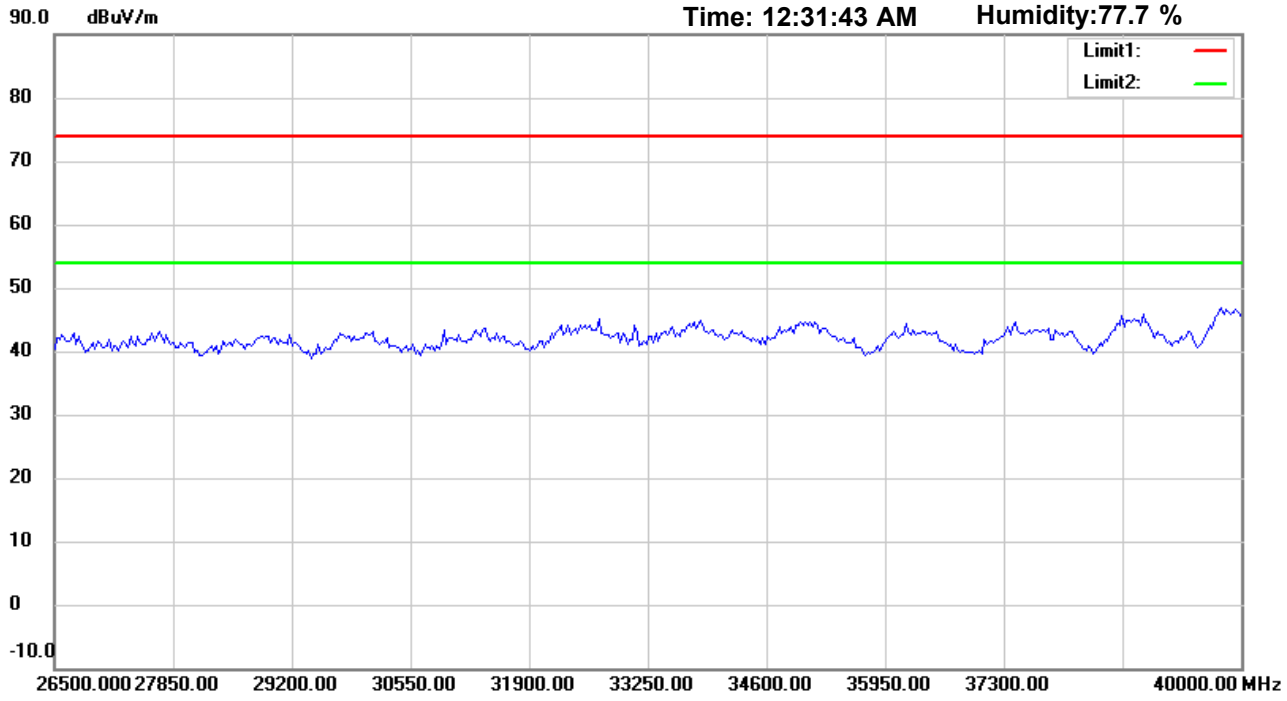
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 12:31:43 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

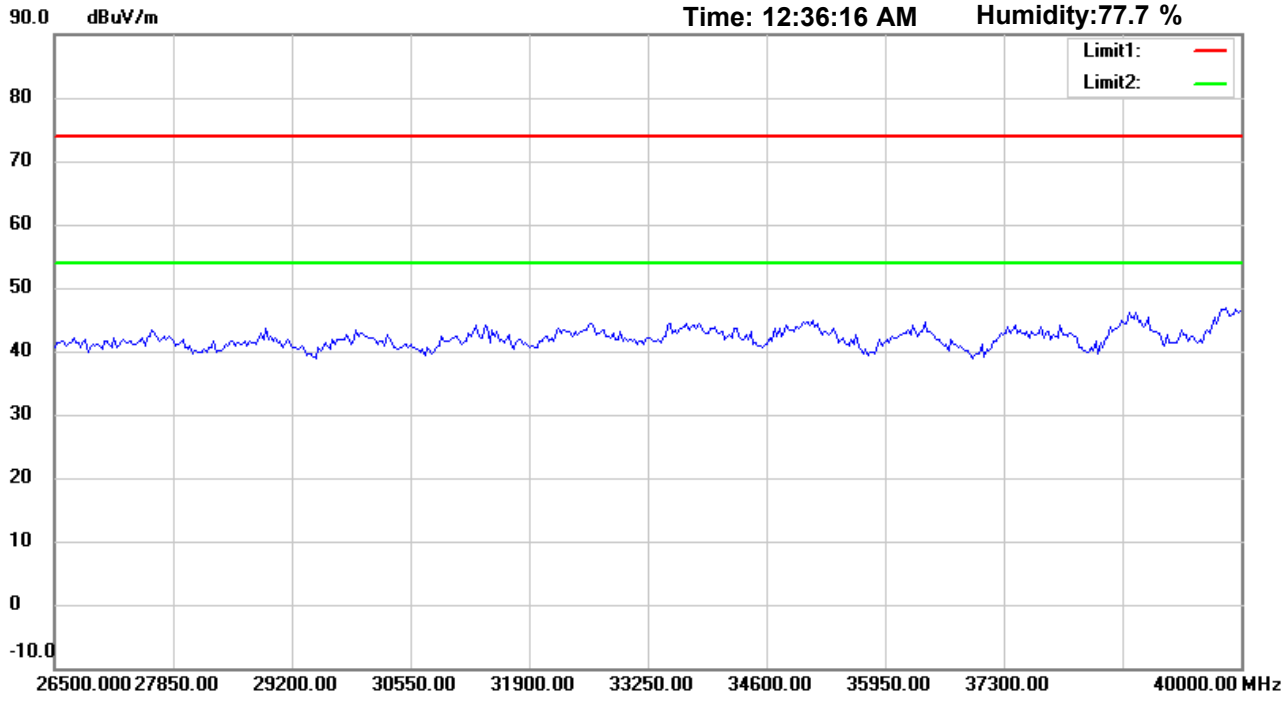
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/14/2018 Time: 12:36:16 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH165

Note :

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

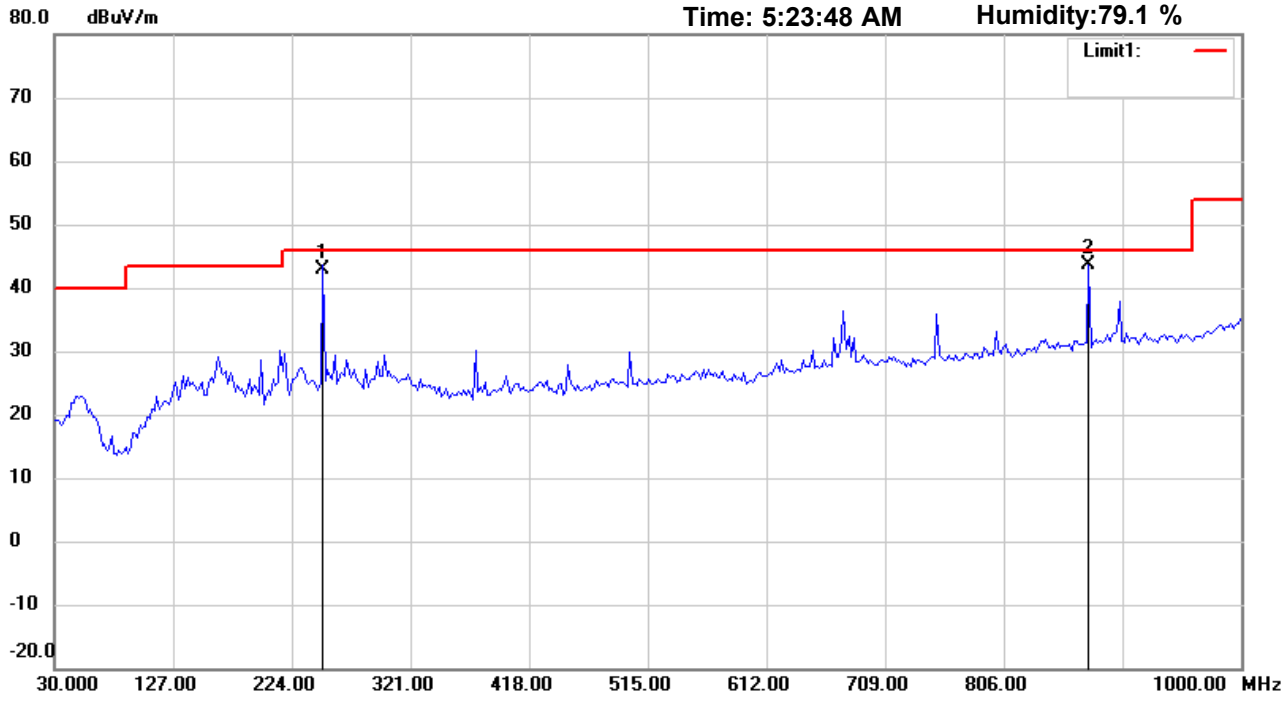
*:Maximum data x:Over limit !:over margin

ANT 2
The worst case

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

Radiated Emission Measurement

Operator: Allen
File :1 Data :#1 Date: 12/15/2018 Temperature:18.1 ℃
Time: 5:23:48 AM Humidity:79.1 %



Site : Chamber
Condition : FCC_part 15 RE-Class E_30-1000MHz
EUT : W6M21811-18613
M/N:
Test Mode : TX 802.11a CH36
Note :

Polarization: *Horizontal*
Power : 120 Va.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	249.6593	50.39	QP	-7.39	43.00	46.00	115	200	-3.00	
*	875.5912	39.19	peak	4.40	43.59	46.00	100	30	-2.41	

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

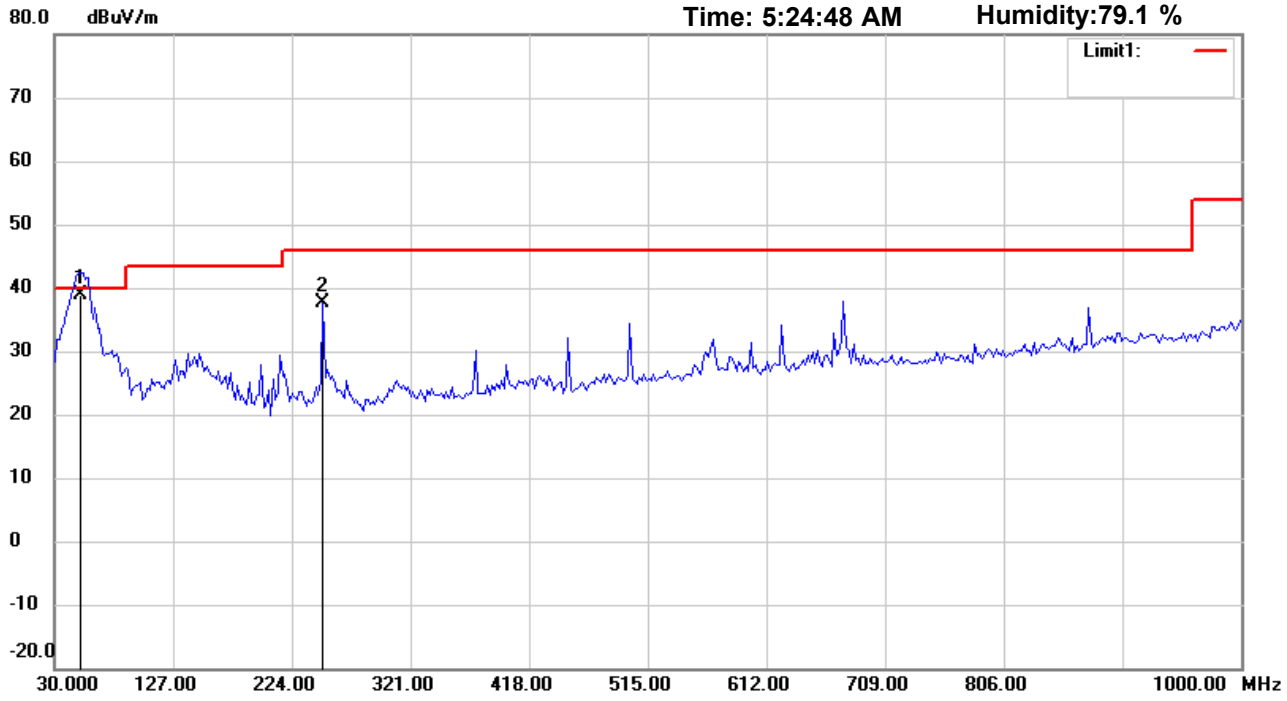
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :1 Data :#2 Date: 12/15/2018 Time: 5:24:48 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class E_30-1000MHz

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH36

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	51.3470	49.24	QP	-10.26	38.98	40.00	100	55	-1.02	
	249.6593	45.03	peak	-7.39	37.64	46.00	100	360	-8.36	

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

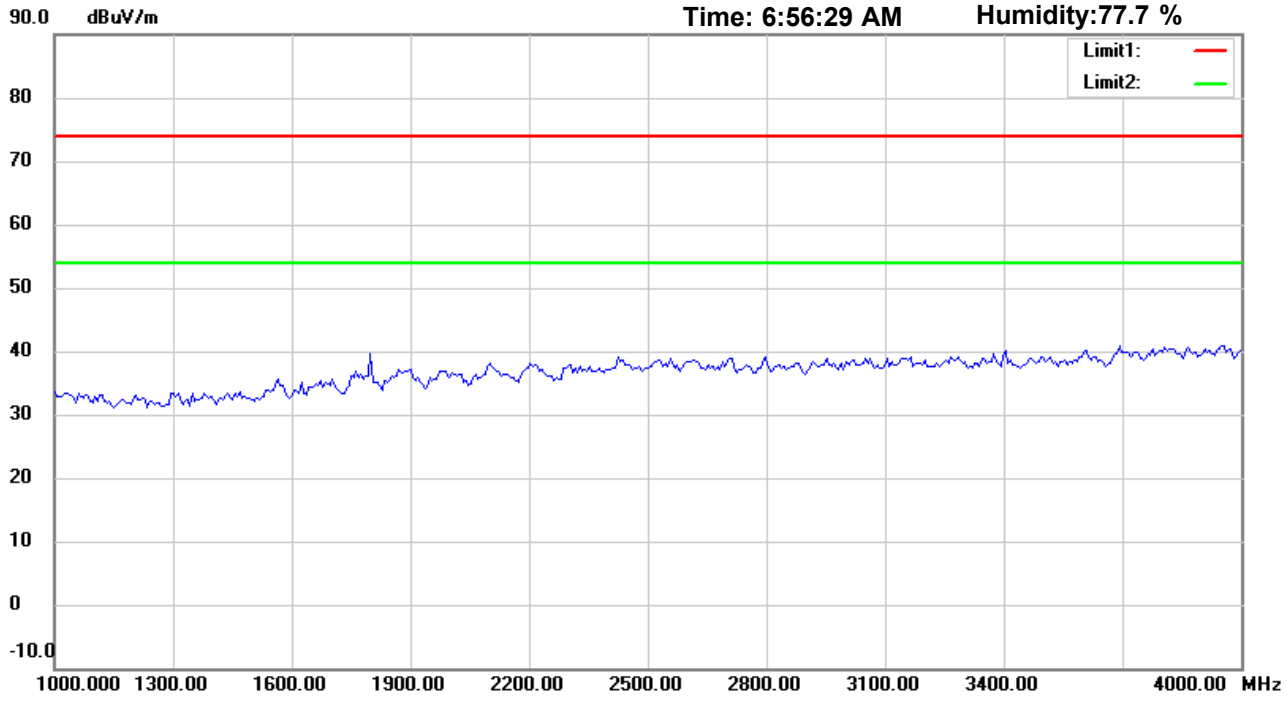
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/13/2018 Time: 6:56:29 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

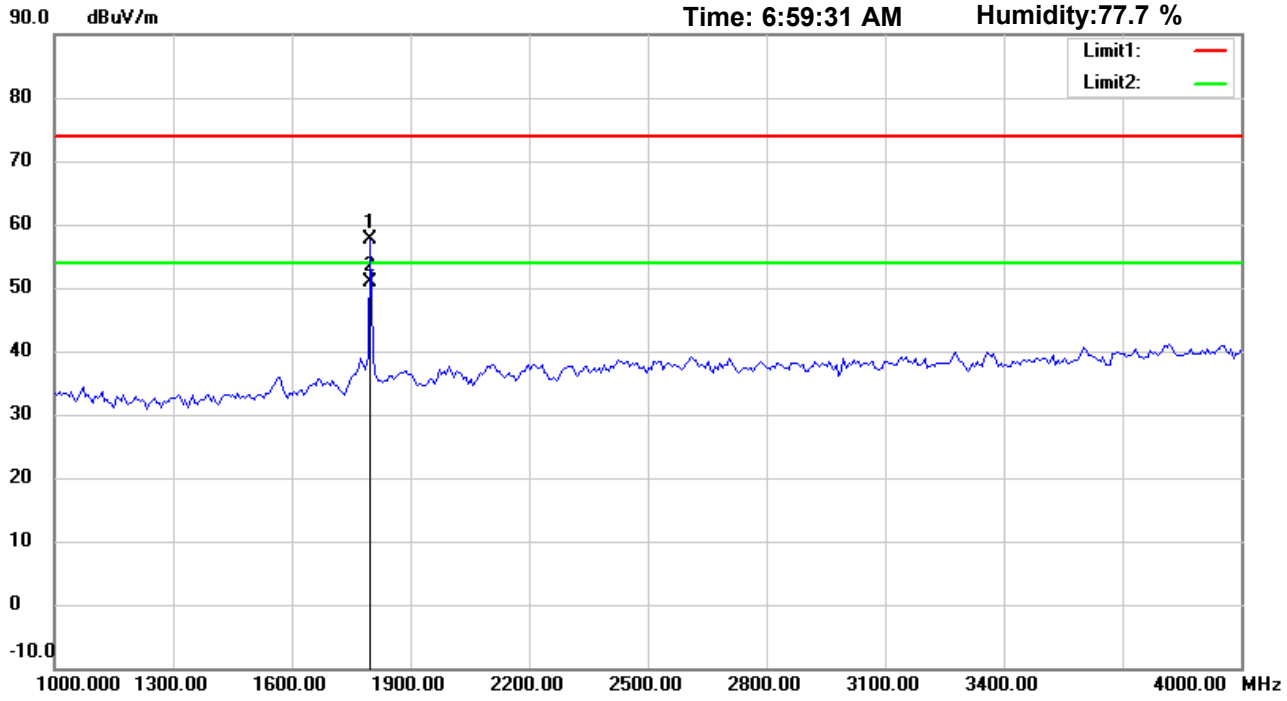
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/13/2018 Time: 6:59:31 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1799.599	64.19	peak	-6.52	57.67	74.00	155	90	-16.33	
	1799.599	57.38	peak	-6.52	50.86	74.00	155	90	-23.14	

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

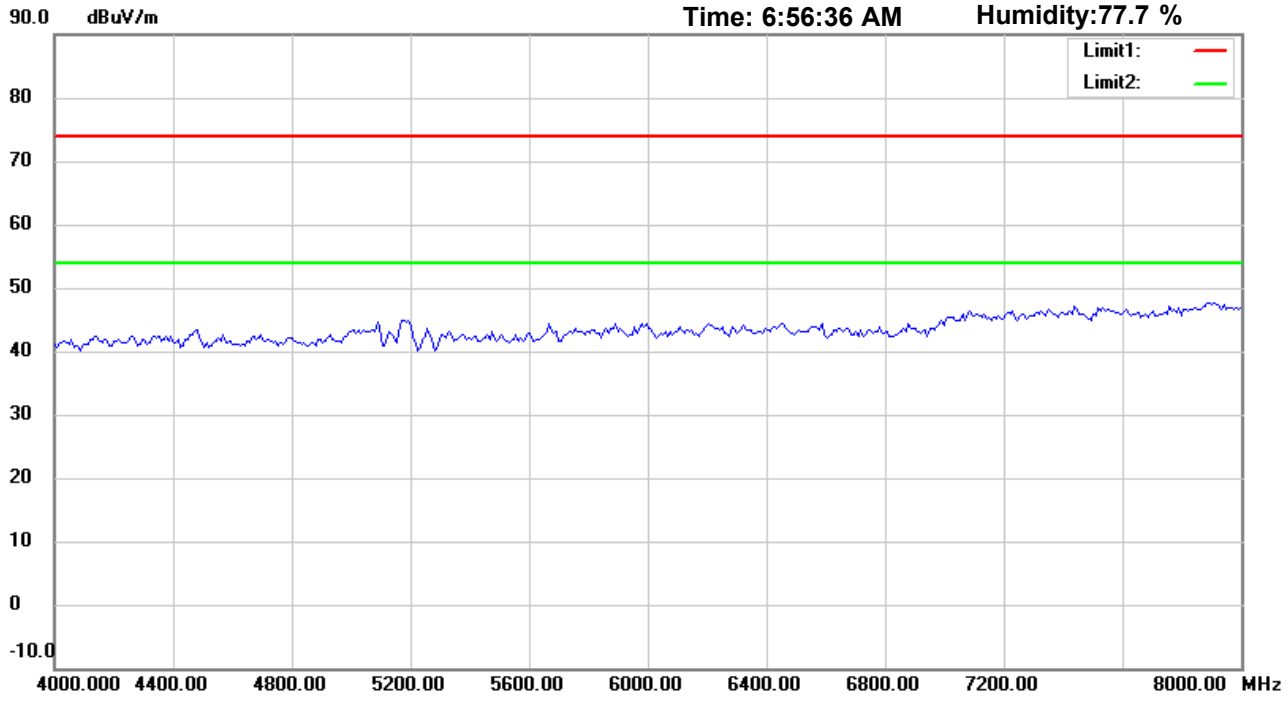
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/13/2018 Time: 6:56:36 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

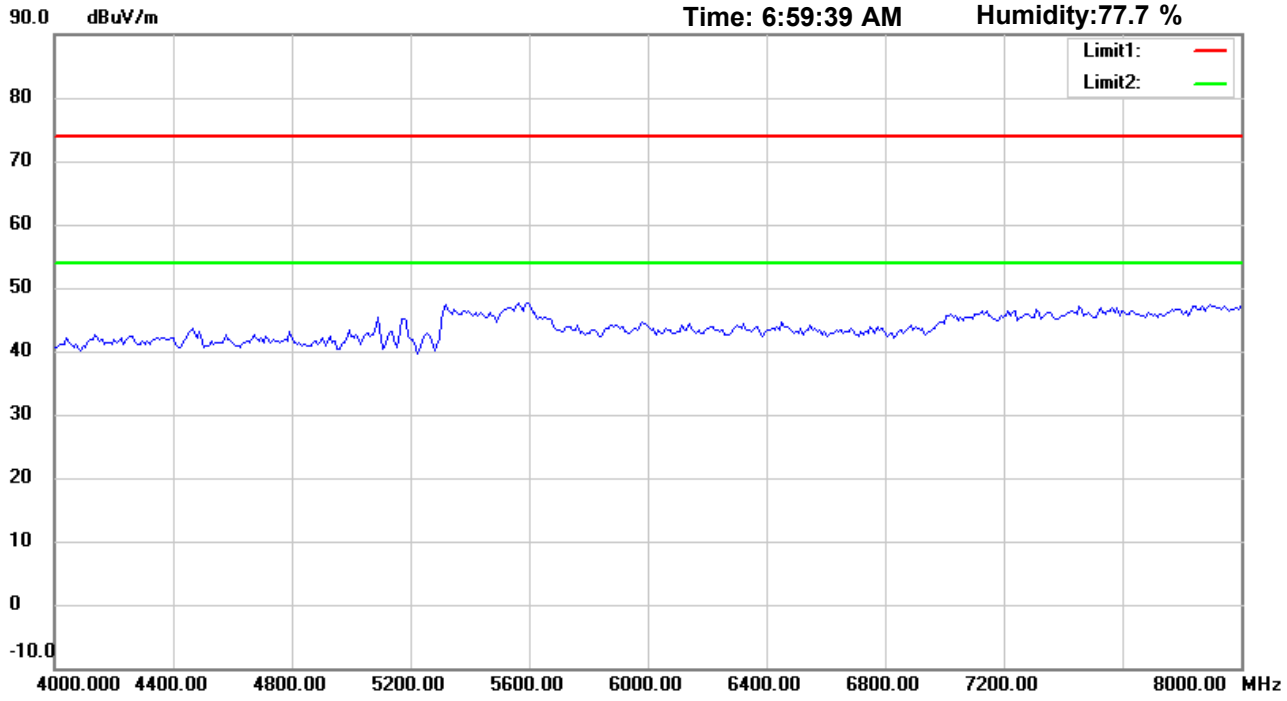
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/13/2018 Time: 6:59:39 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

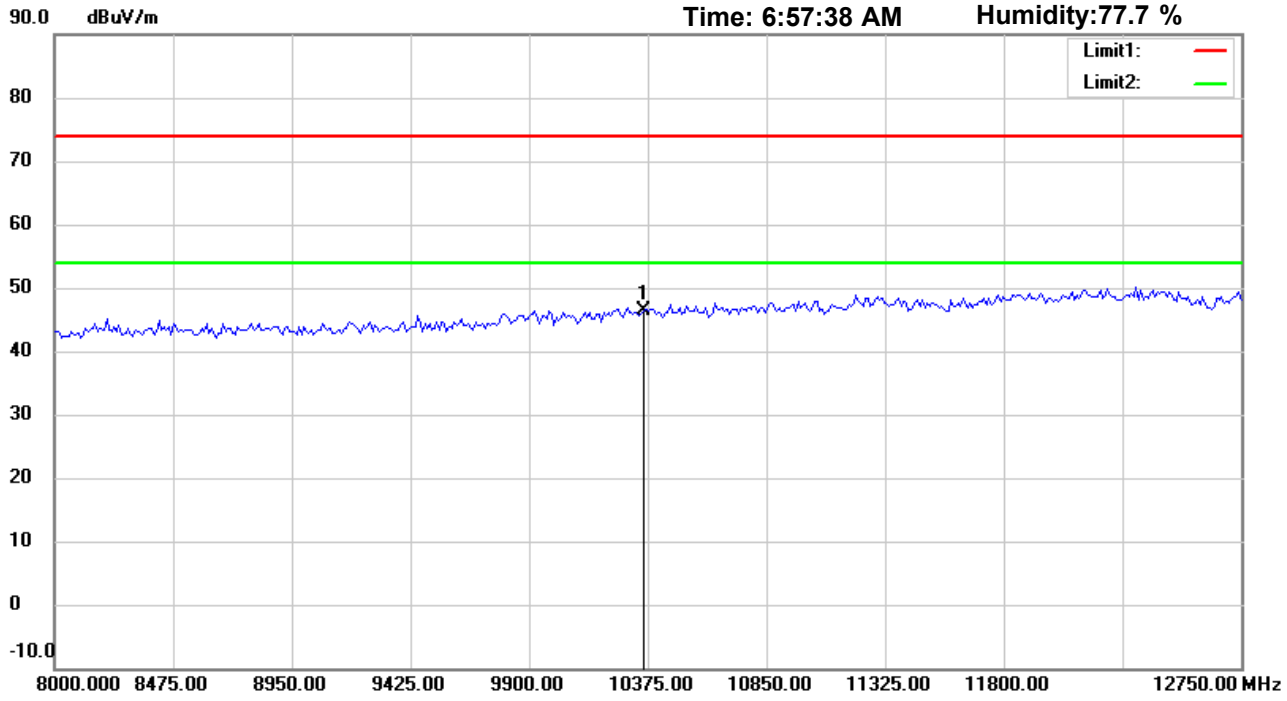
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/13/2018 Time: 6:57:38 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10360.000	36.06	peak	10.31	46.37	74.00	150	185	-27.63	

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

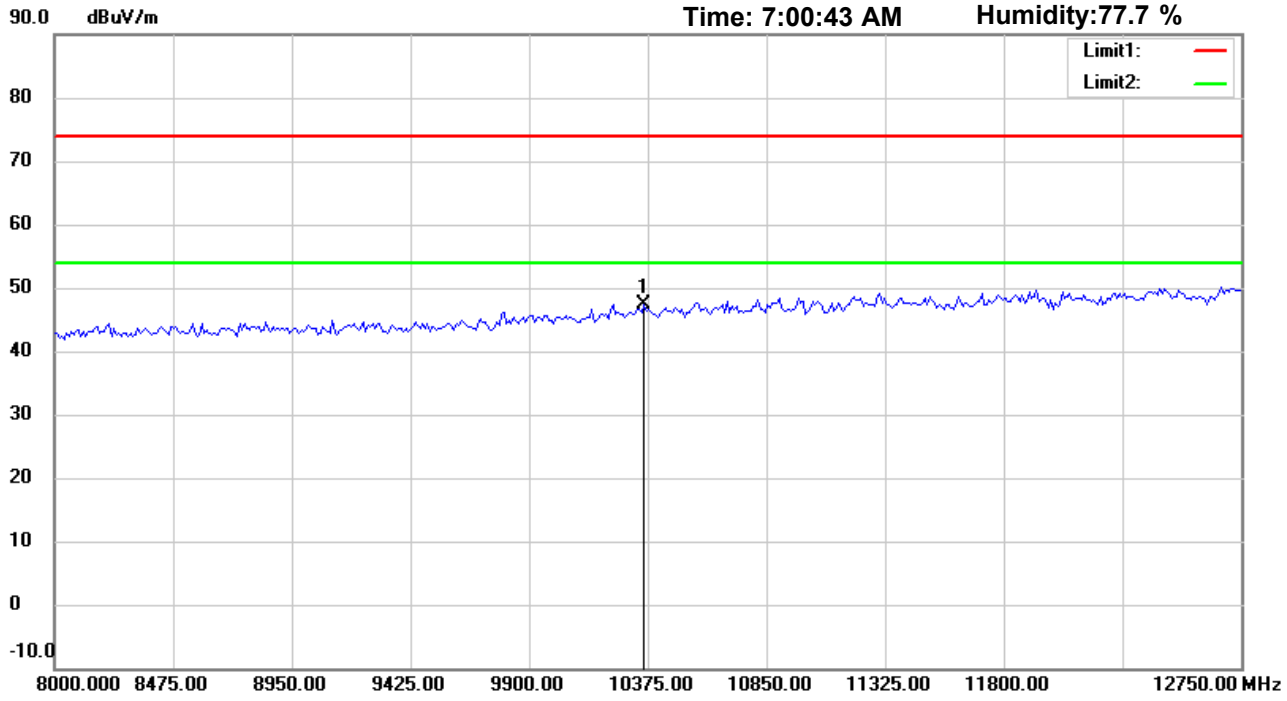
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/13/2018 Time: 7:00:43 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10360.000	37.05	peak	10.31	47.36	74.00	150	180	-26.64	

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

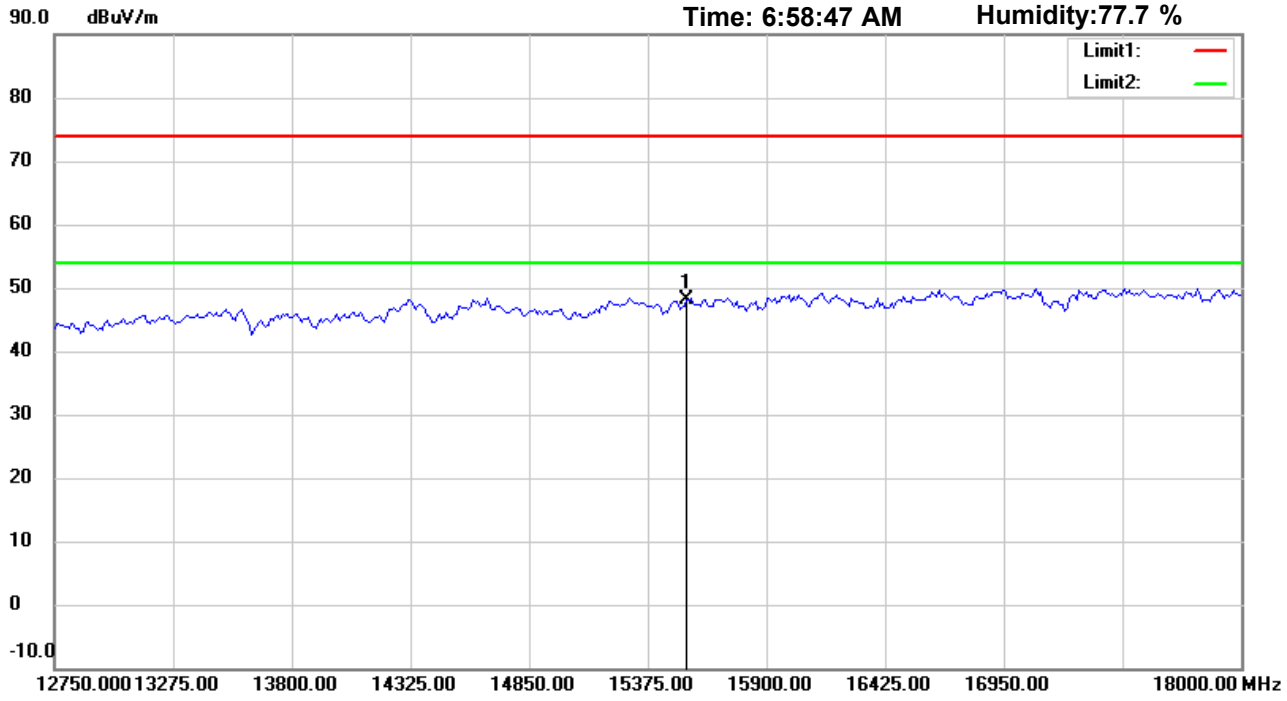
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/13/2018 Time: 6:58:47 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15540.000	28.28	peak	19.97	48.25	74.00	150	360	-25.75	

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

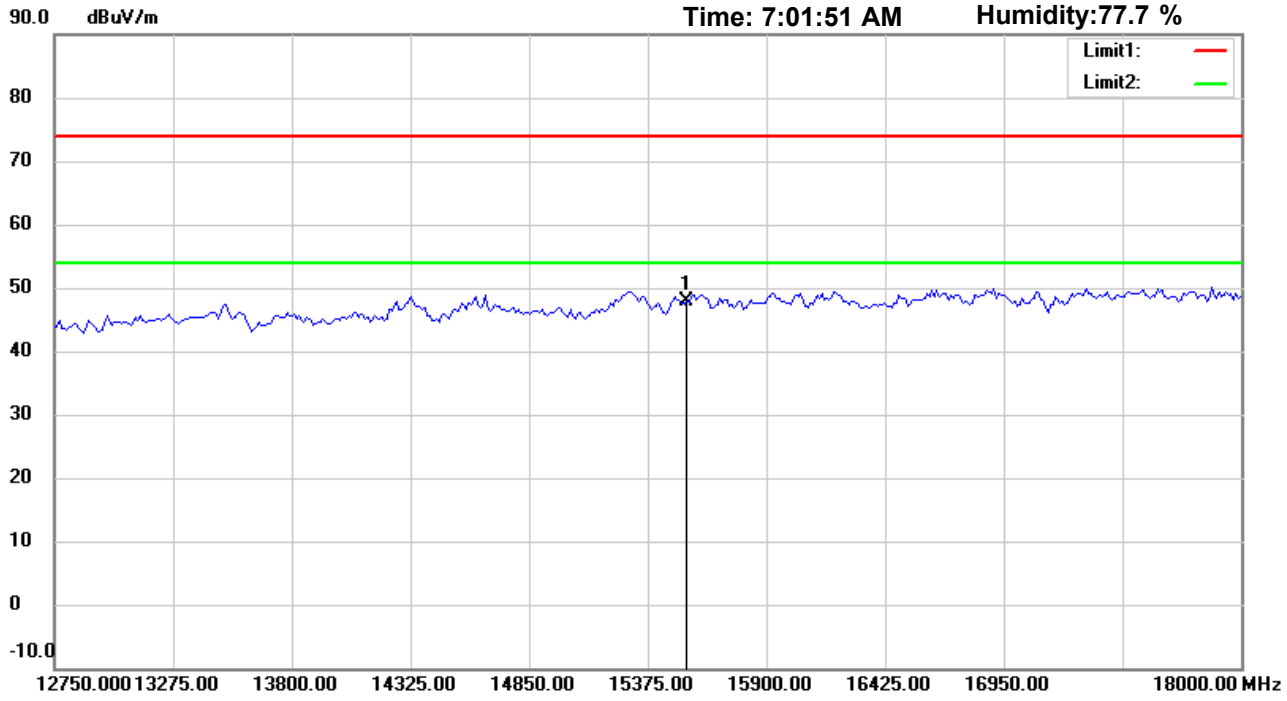
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/13/2018 Time: 7:01:51 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15540.000	27.93	peak	19.97	47.90	74.00	150	215	-26.10	

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

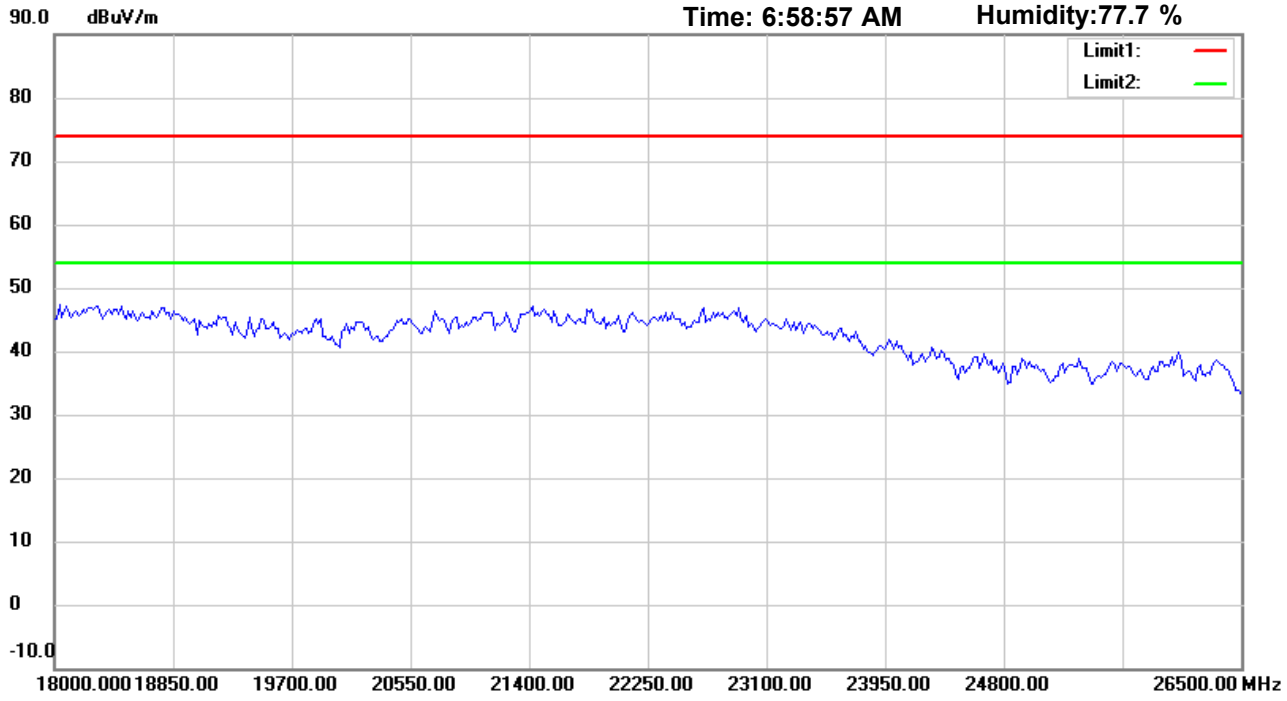
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/13/2018 Time: 6:58:57 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

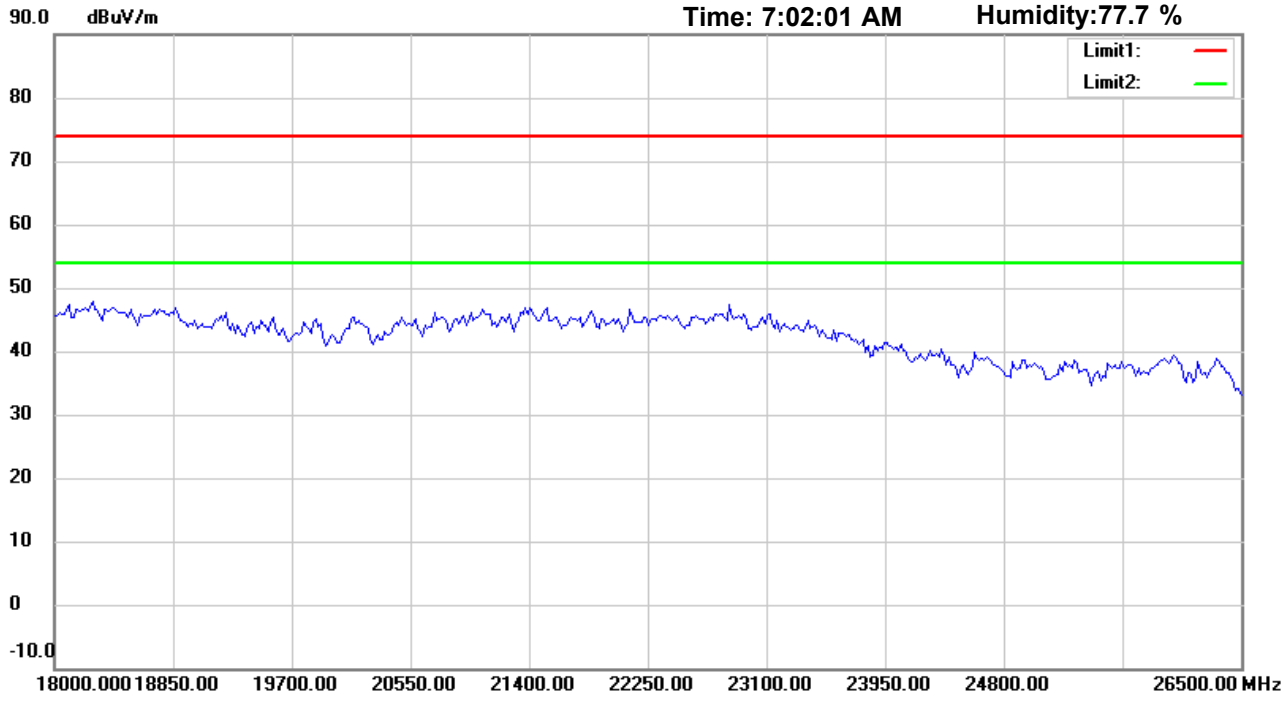
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/13/2018 Time: 7:02:01 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

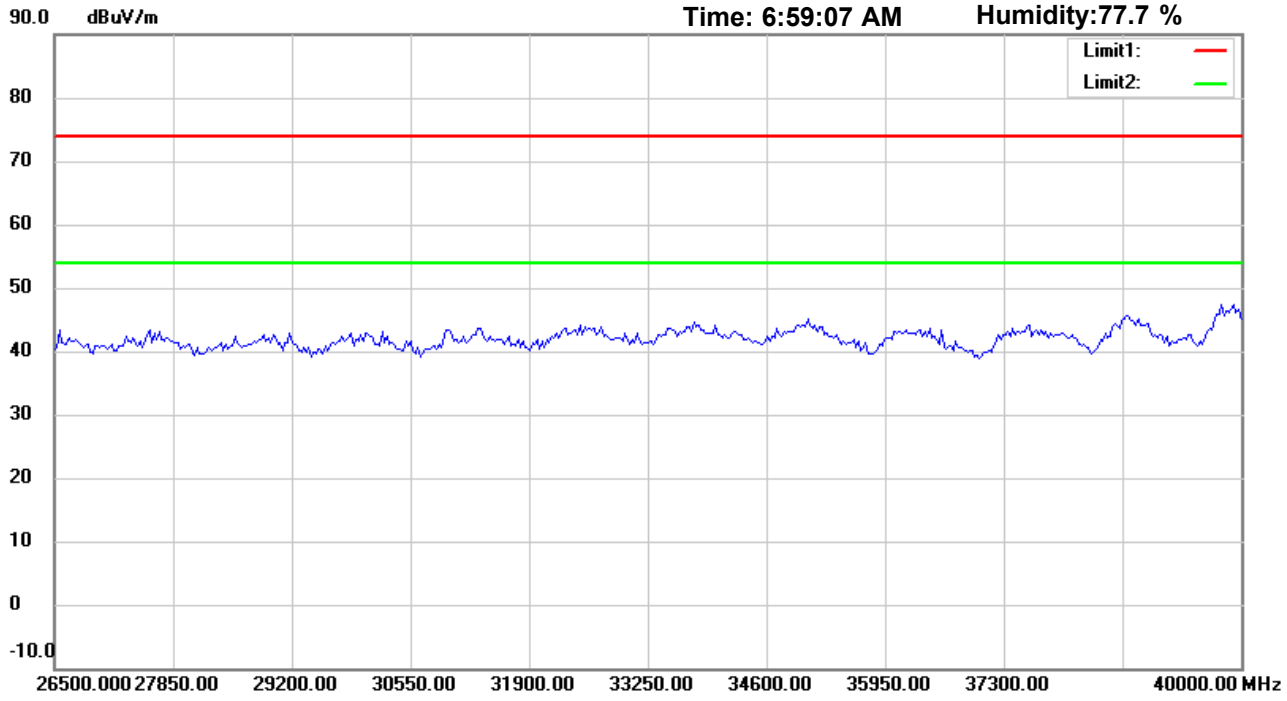
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/13/2018 Time: 6:59:07 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

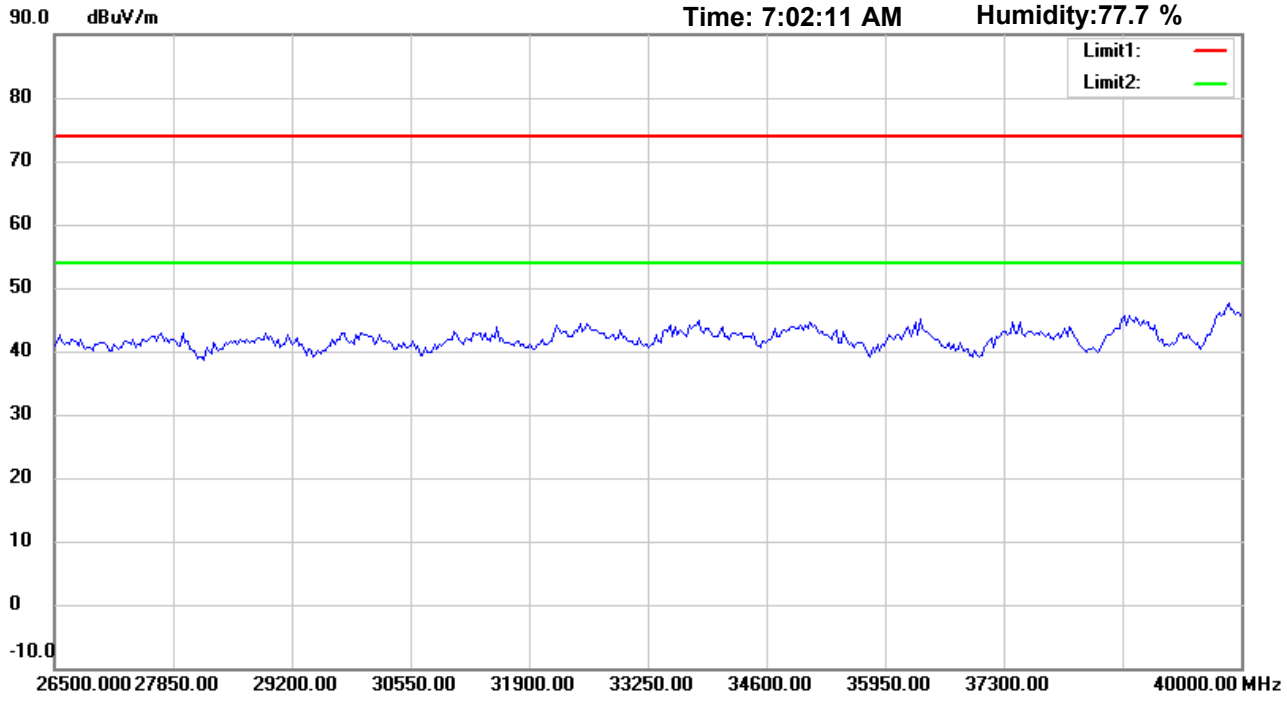
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/13/2018 Time: 7:02:11 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

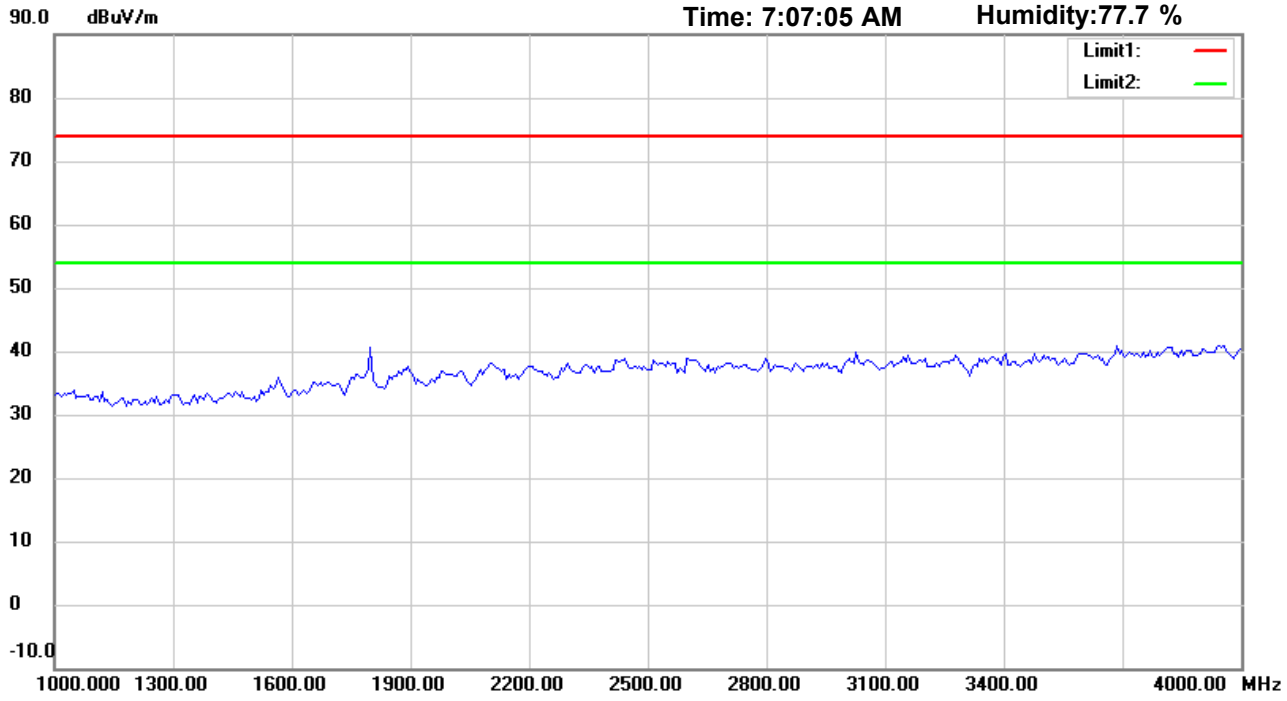
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/13/2018 Time: 7:07:05 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

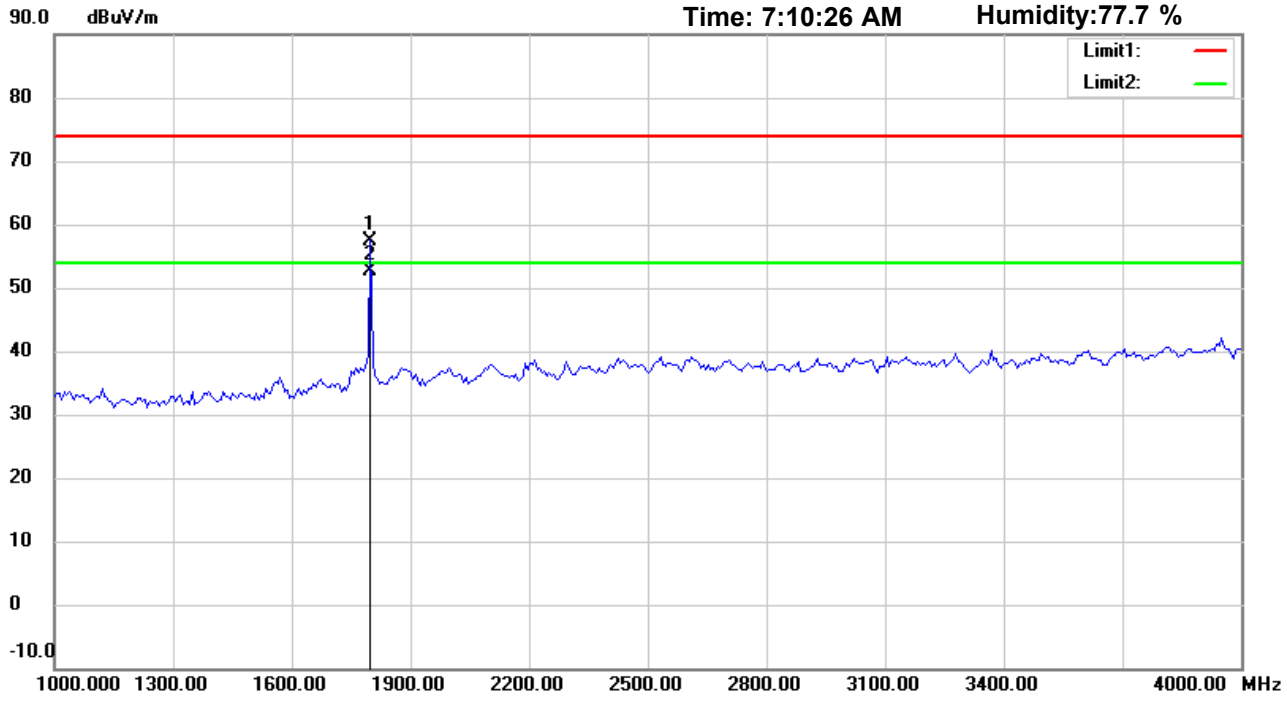
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/13/2018 Time: 7:10:26 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1799.599	63.84	peak	-6.52	57.32	74.00	165	90	-16.68	
	1799.599	59.16	peak	-6.52	52.64	74.00	165	90	-21.36	

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

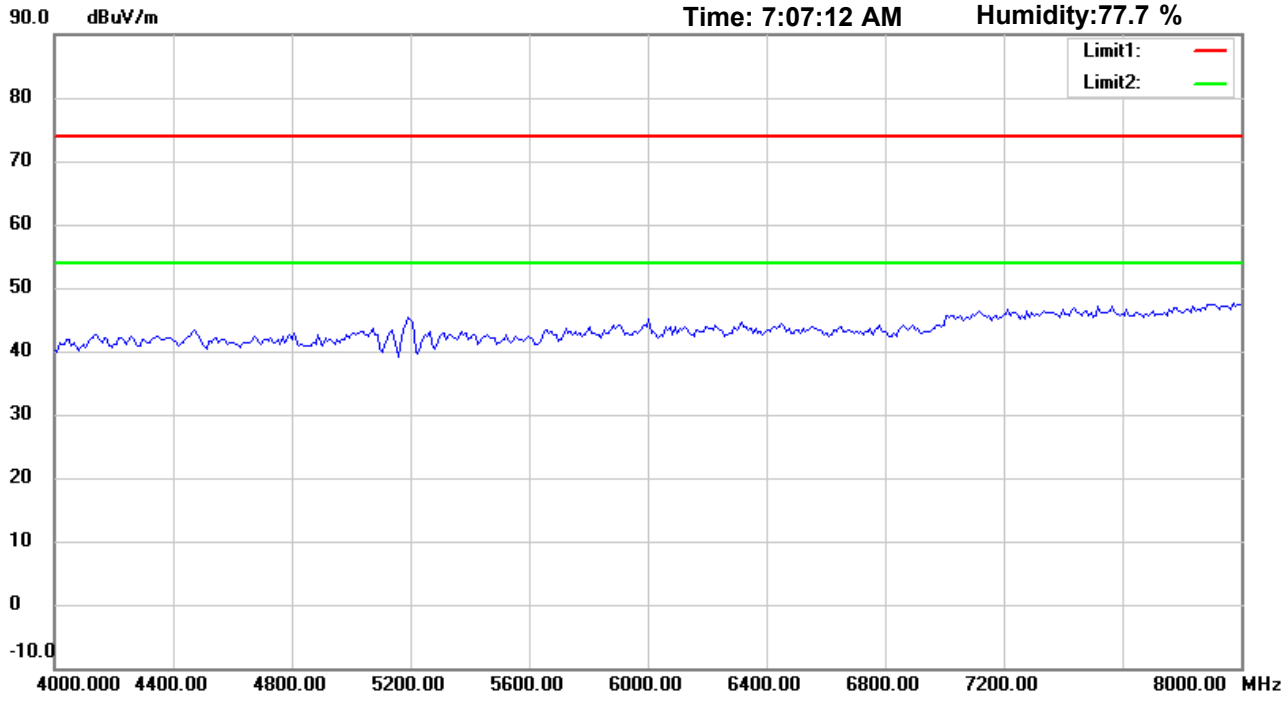
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/13/2018 Time: 7:07:12 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

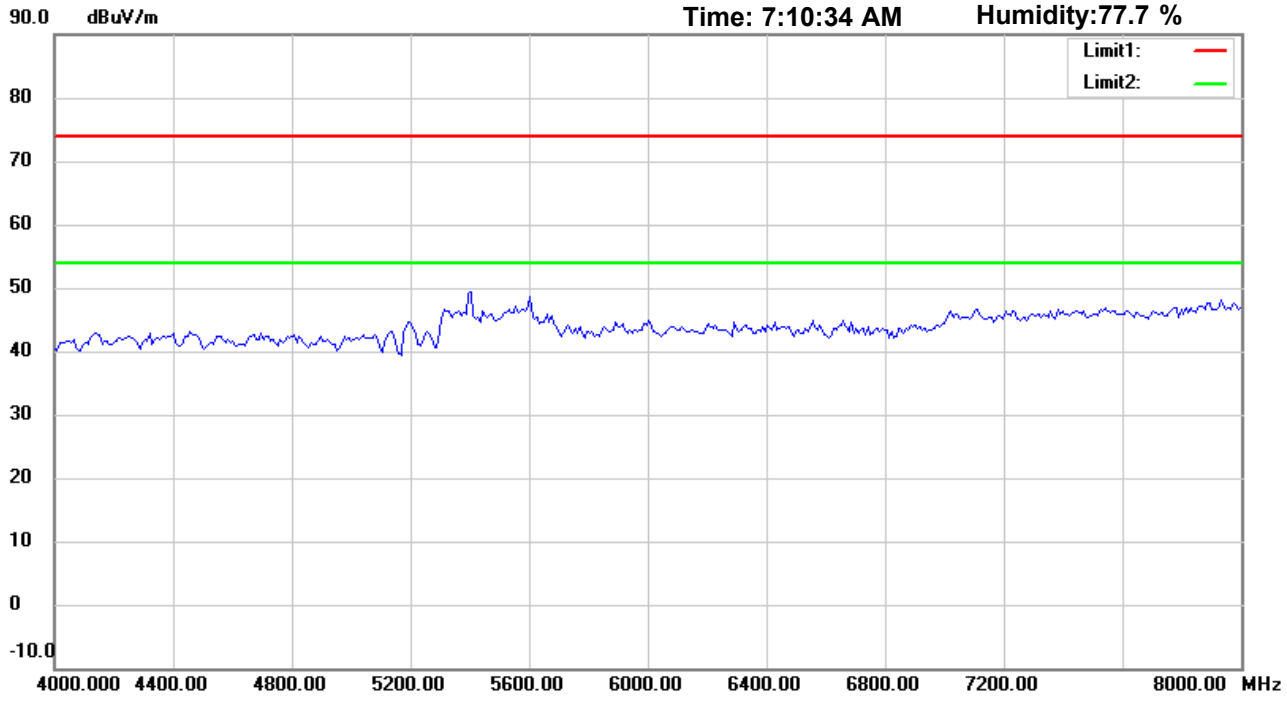
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/13/2018 Time: 7:10:34 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

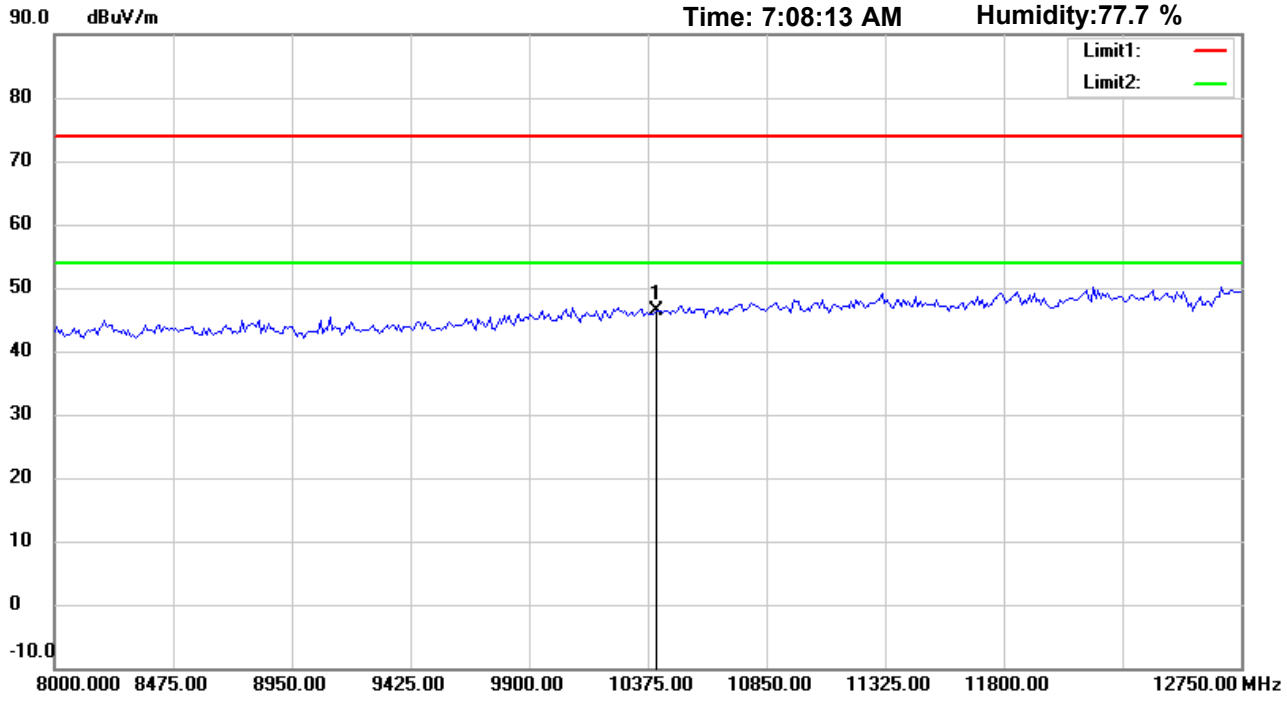
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/13/2018 Time: 7:08:13 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10400.000	36.30	peak	10.19	46.49	74.00	150	170	-27.51	

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

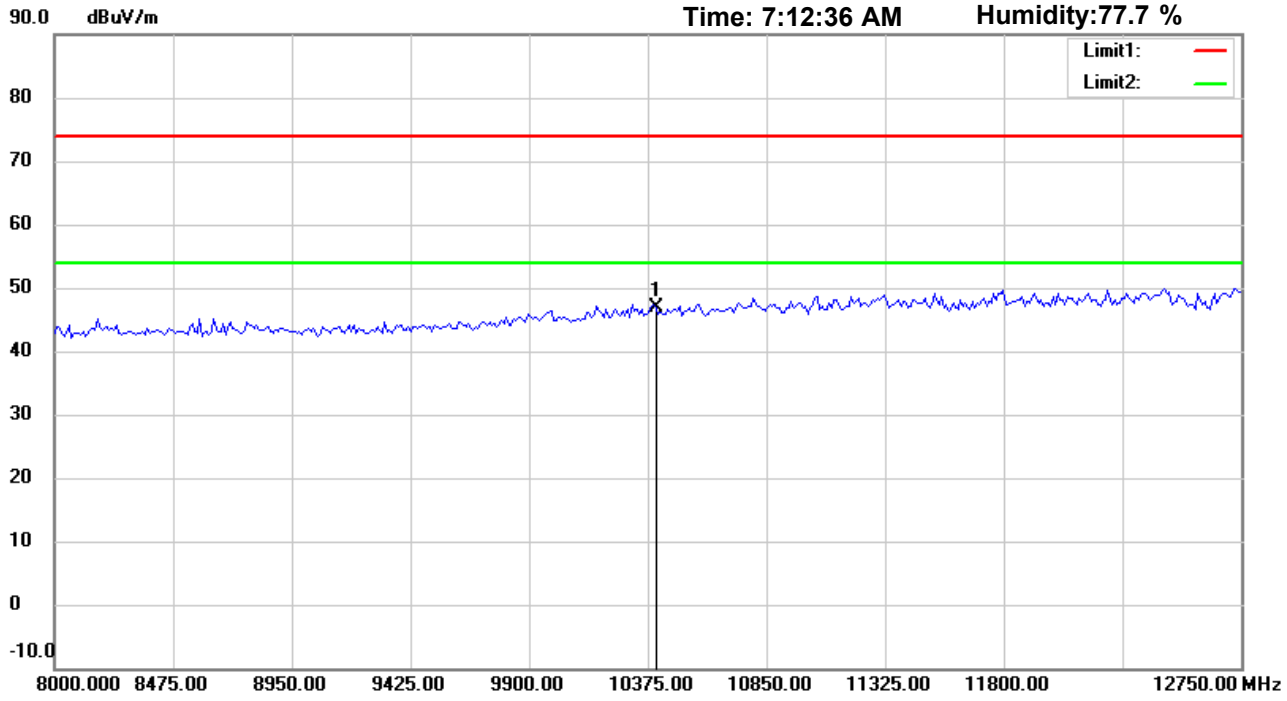
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/13/2018 Time: 7:12:36 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10400.000	36.63	peak	10.19	46.82	74.00	150	35	-27.18	

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

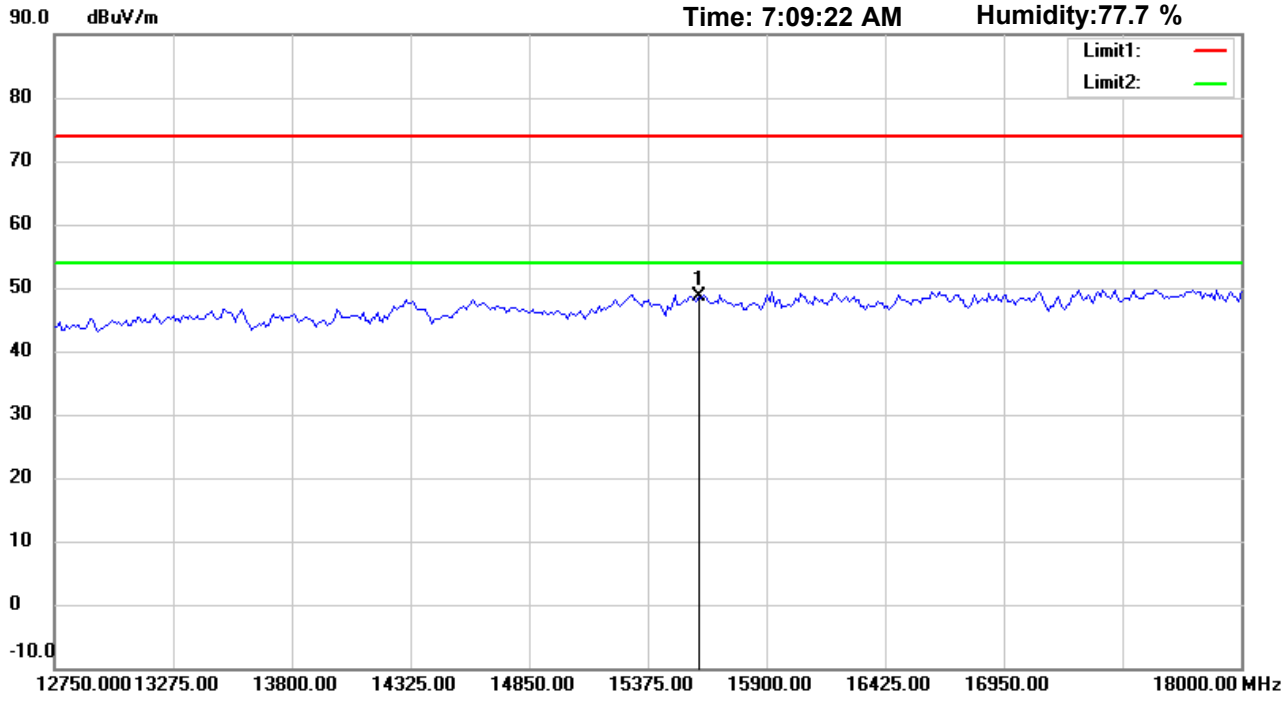
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/13/2018 Time: 7:09:22 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15600.000	27.35	peak	21.25	48.60	74.00	150	185	-25.40	

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

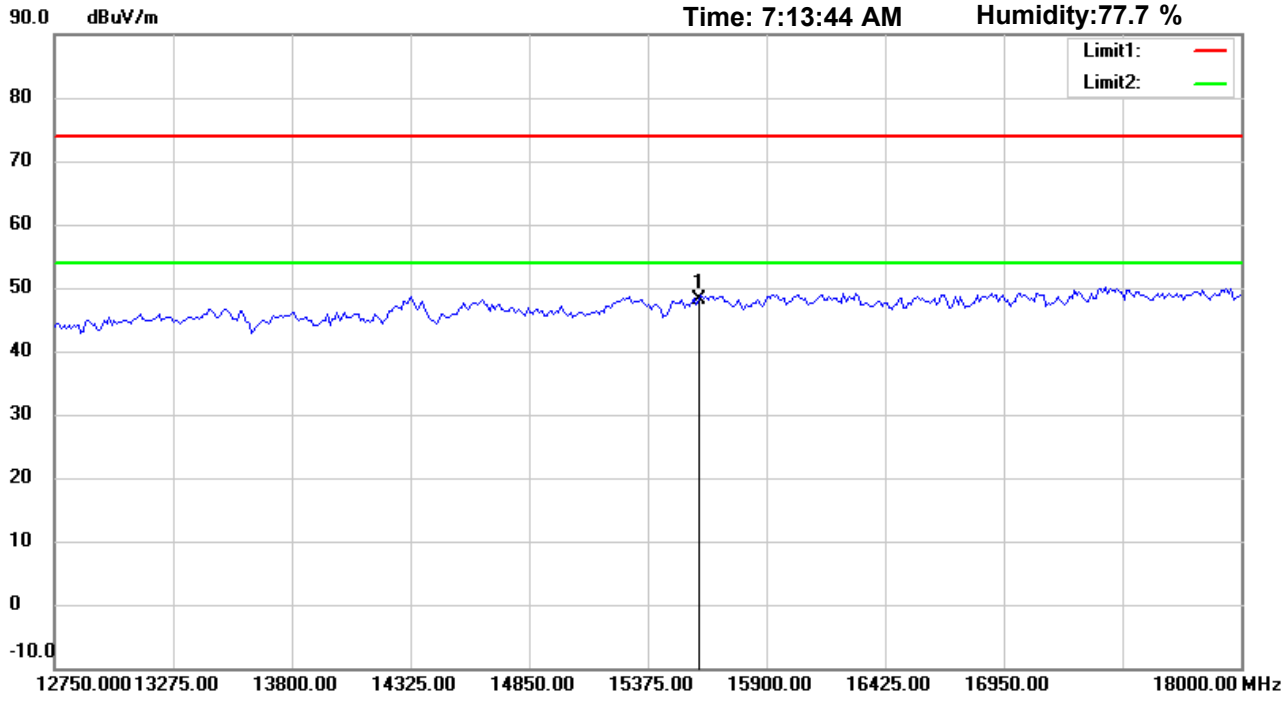
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/13/2018 Time: 7:13:44 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15600.000	26.92	peak	21.25	48.17	74.00	150	100	-25.83	

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

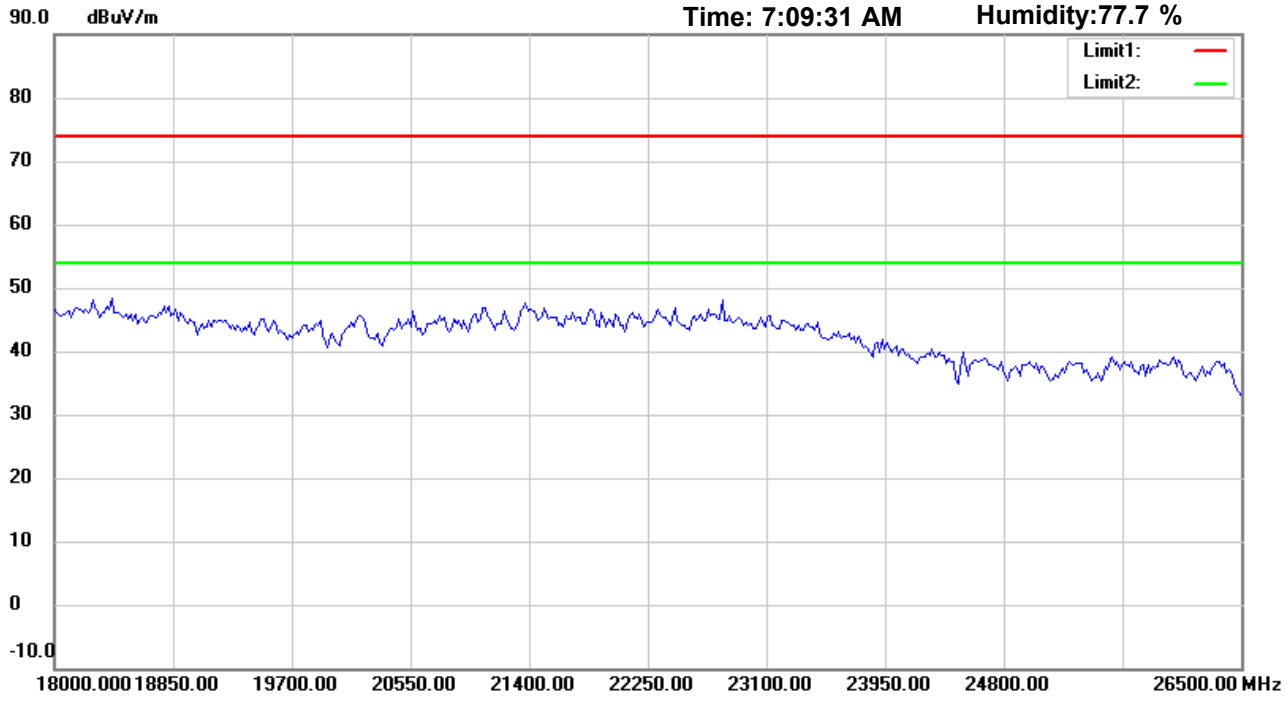
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/13/2018 Time: 7:09:31 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

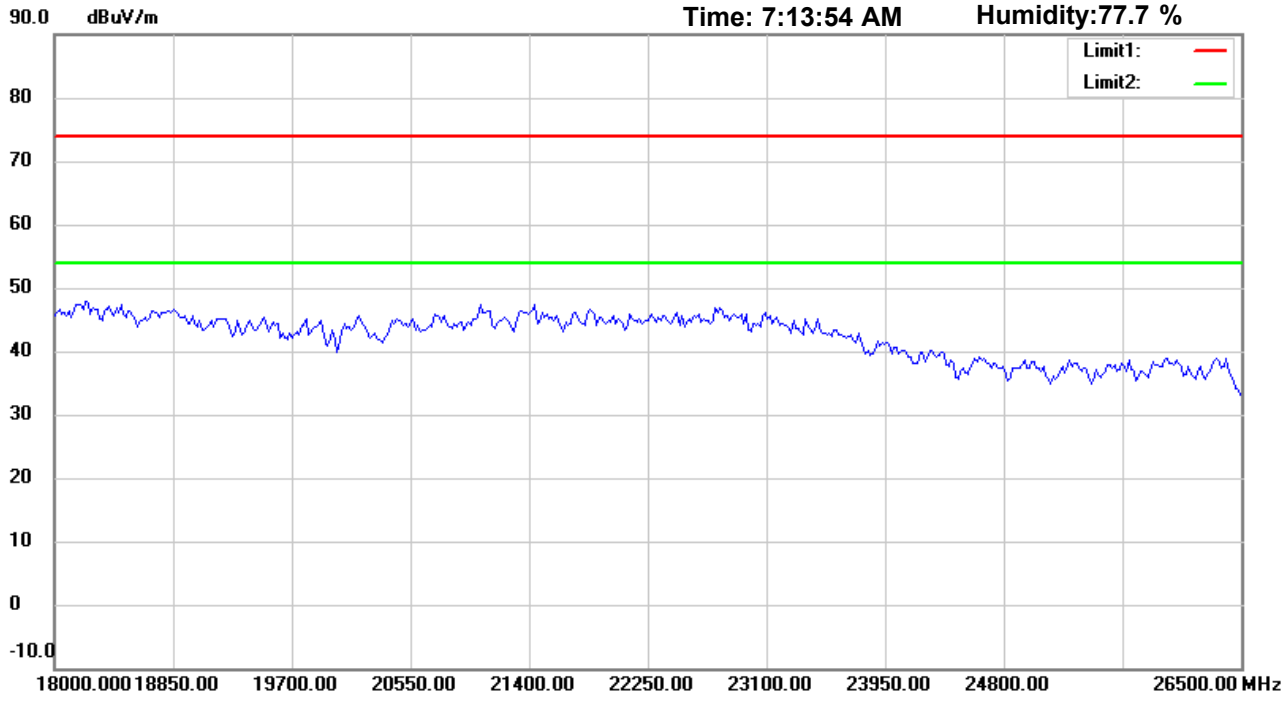
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/13/2018 Time: 7:13:54 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

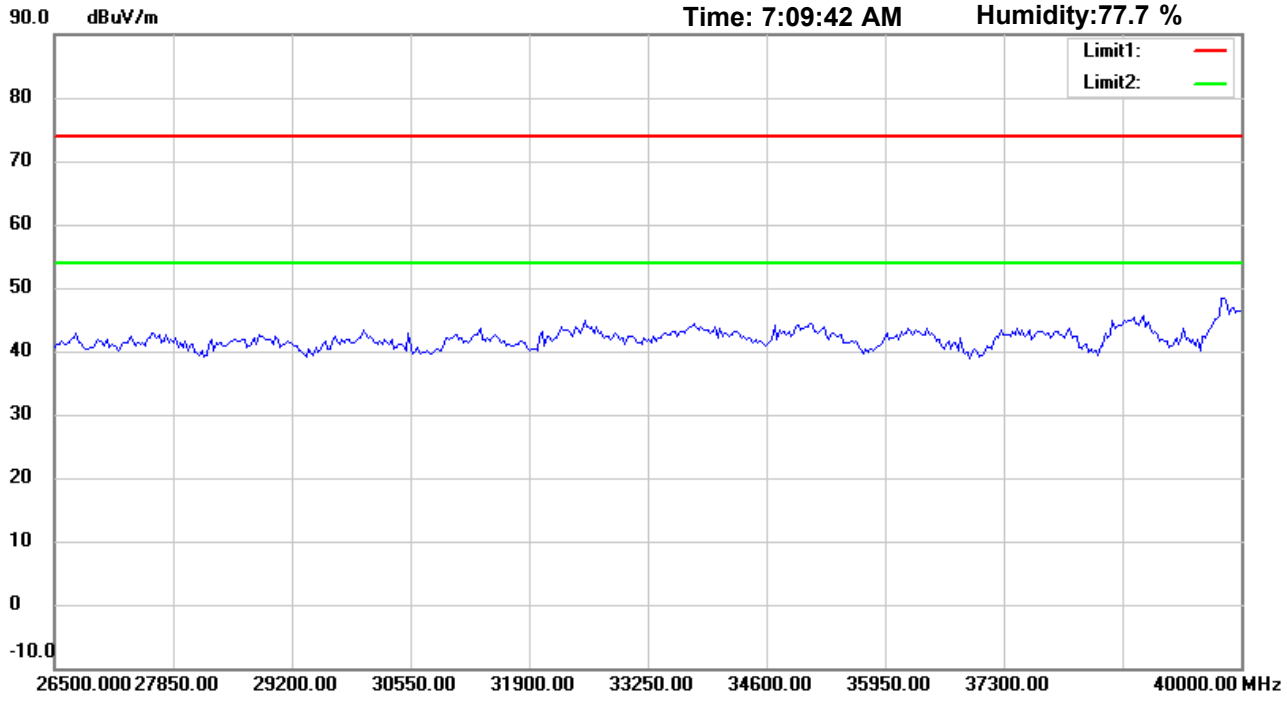
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/13/2018 Time: 7:09:42 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

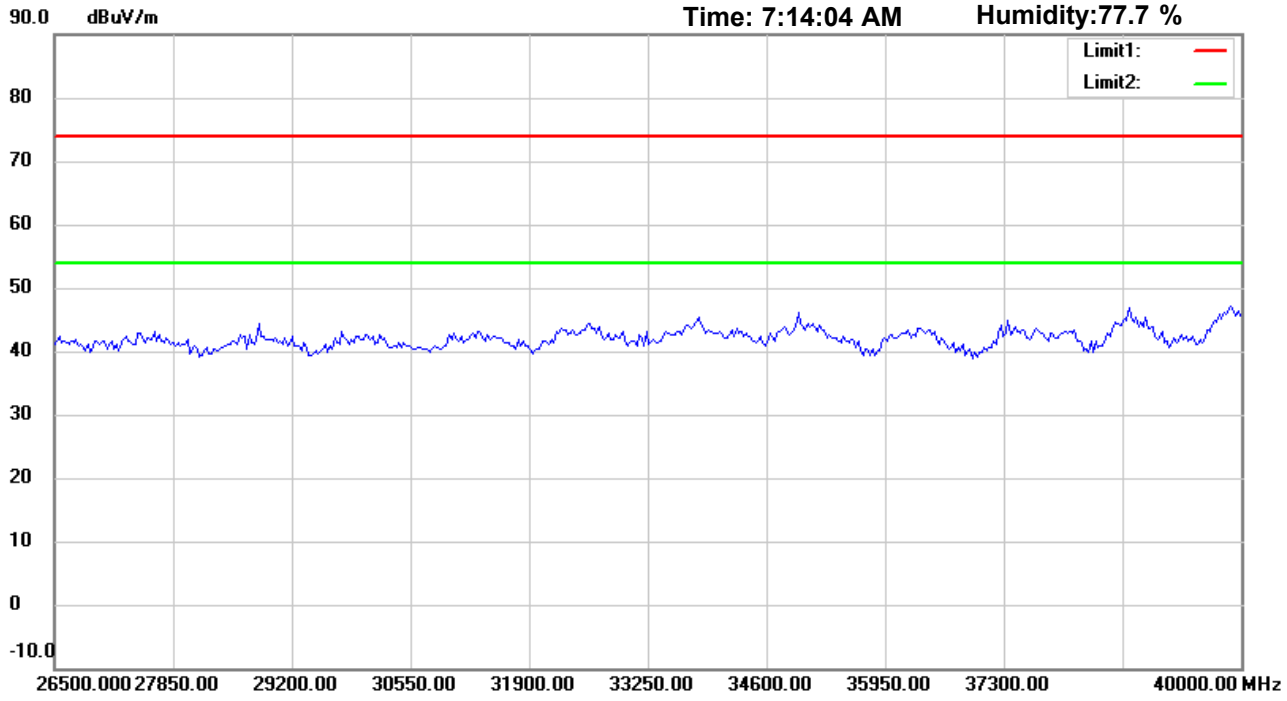
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/13/2018 Time: 7:14:04 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

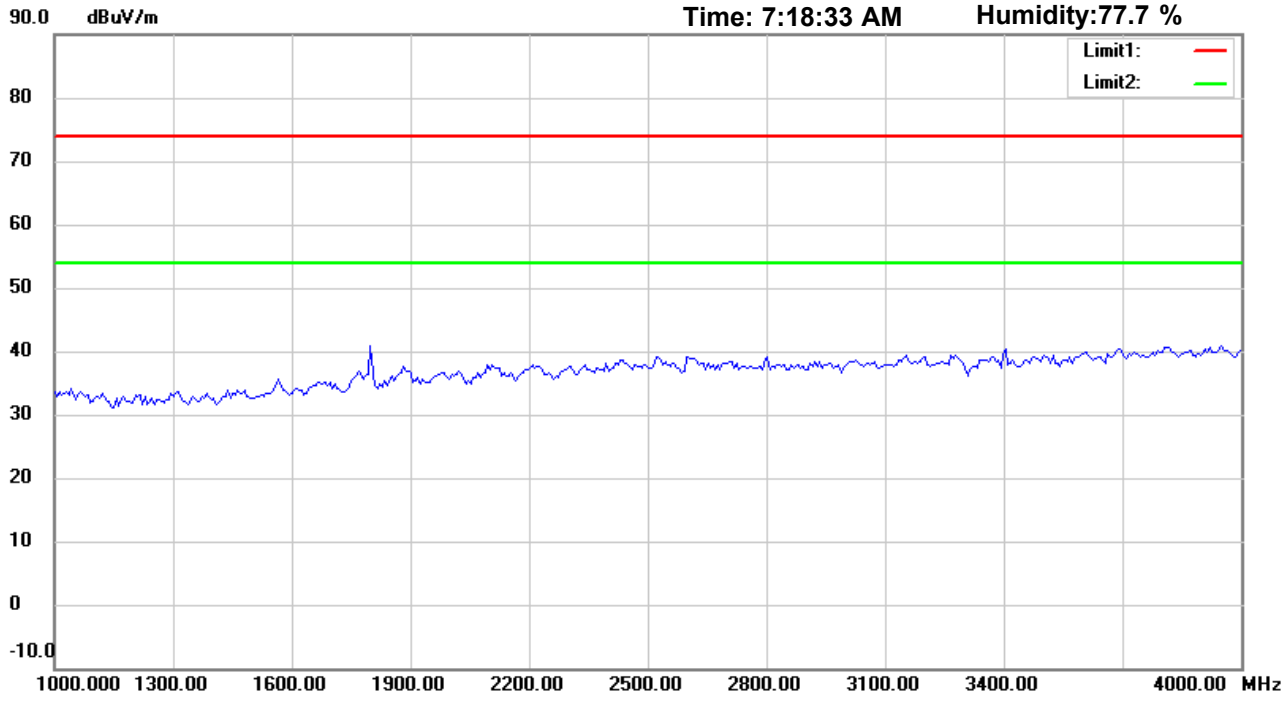
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/13/2018 Time: 7:18:33 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

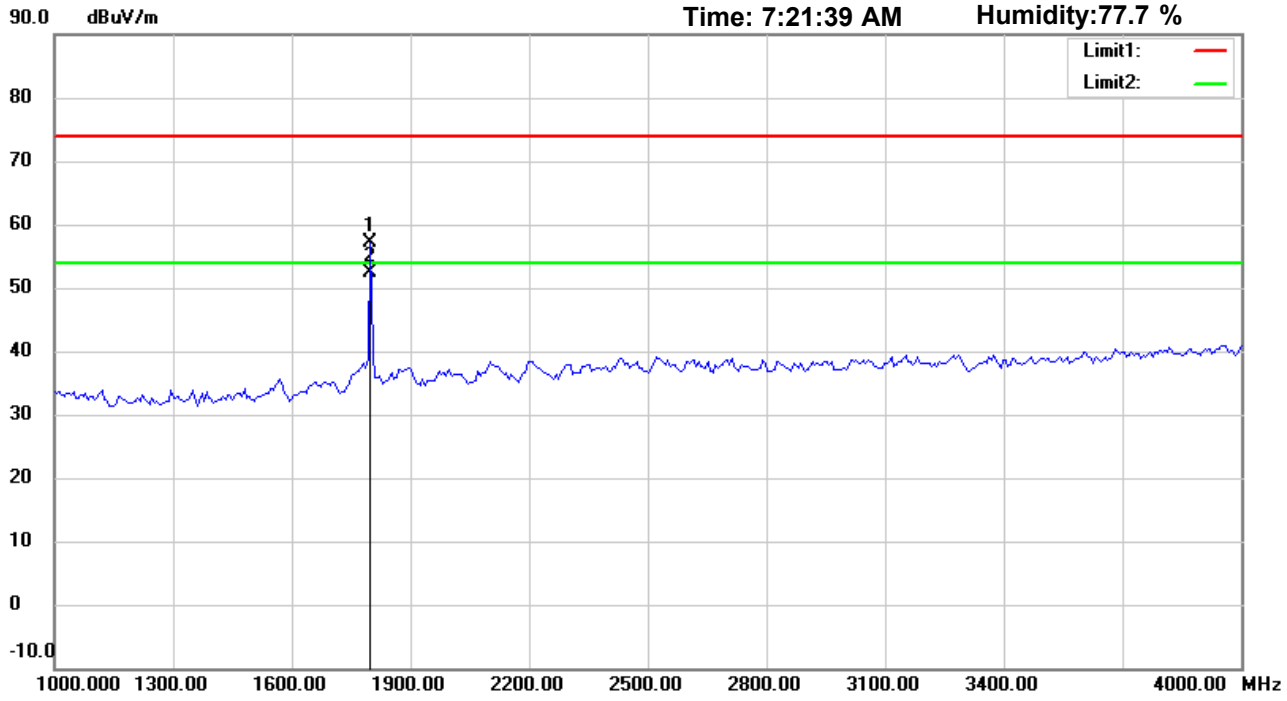
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/13/2018 Time: 7:21:39 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	63.68	peak	-6.52	57.16	74.00	150	220	-16.84	
*	1799.599	59.01	AVG	-6.52	52.49	54.00	150	220	-1.51	

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

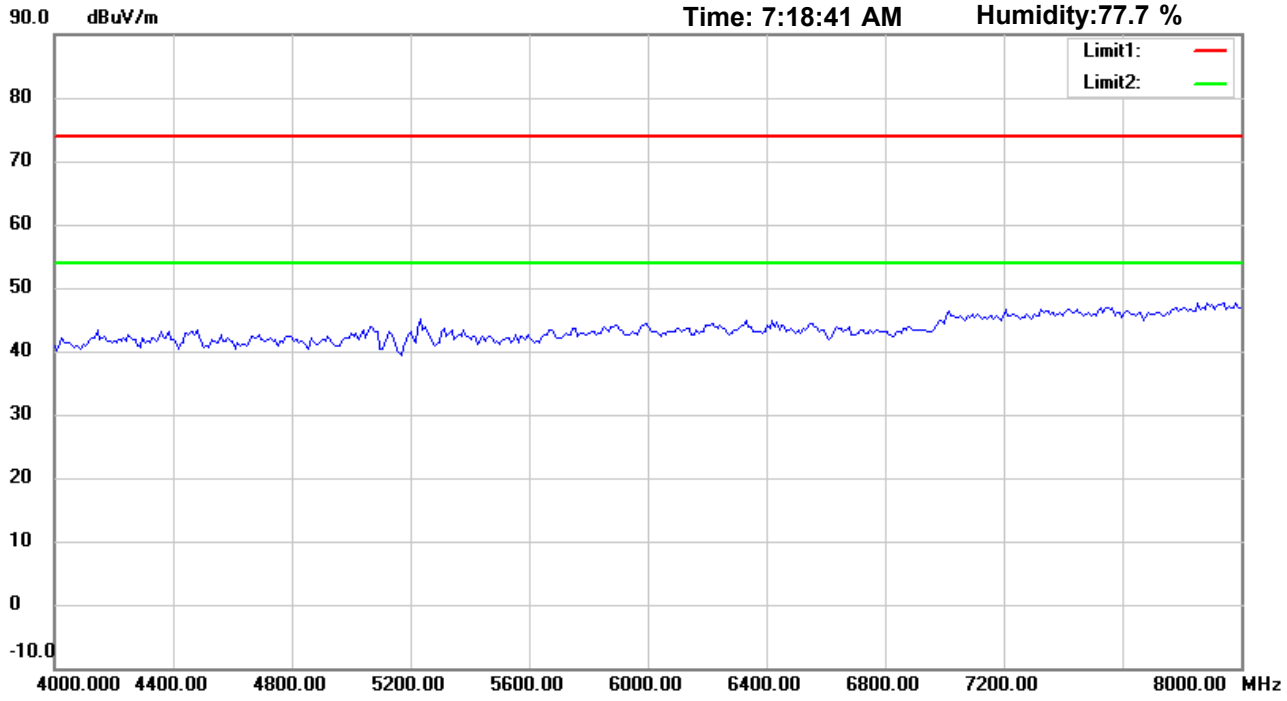
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/13/2018 Time: 7:18:41 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

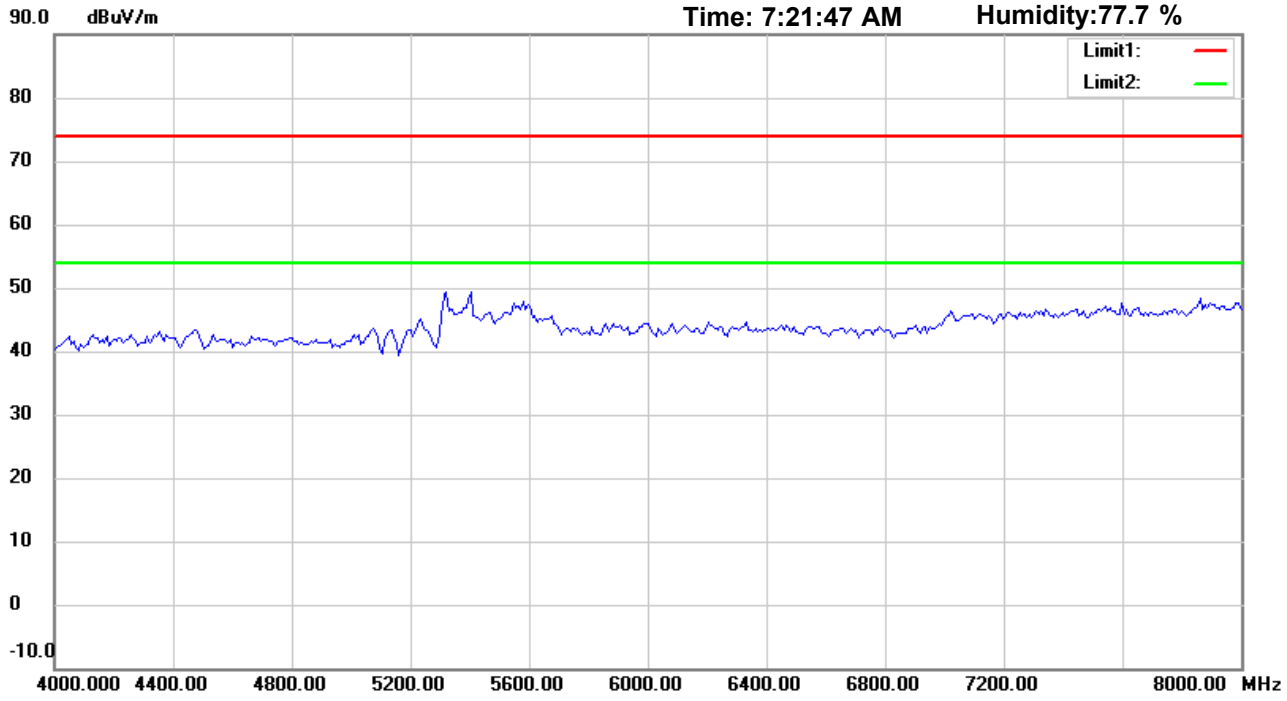
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/13/2018 Time: 7:21:47 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH48

Note :

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

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

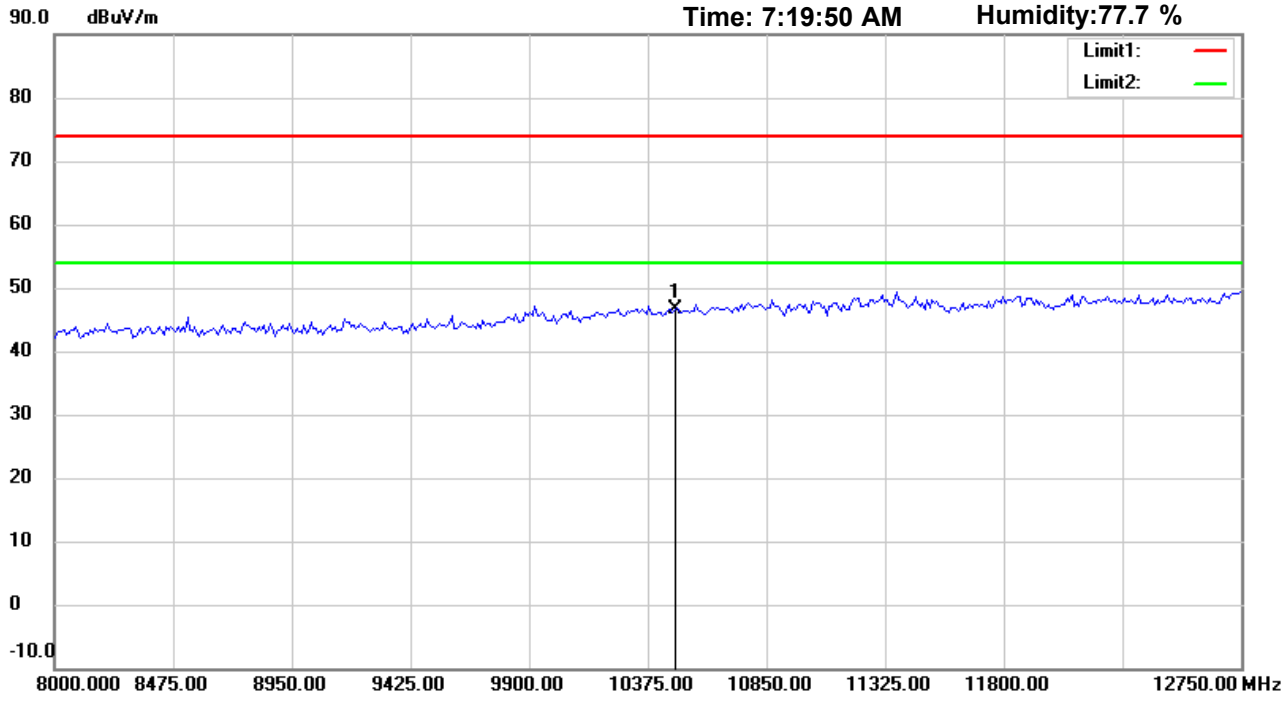
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/13/2018 Time: 7:19:50 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10480.000	35.65	peak	10.94	46.59	74.00	150	330	-27.41	

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

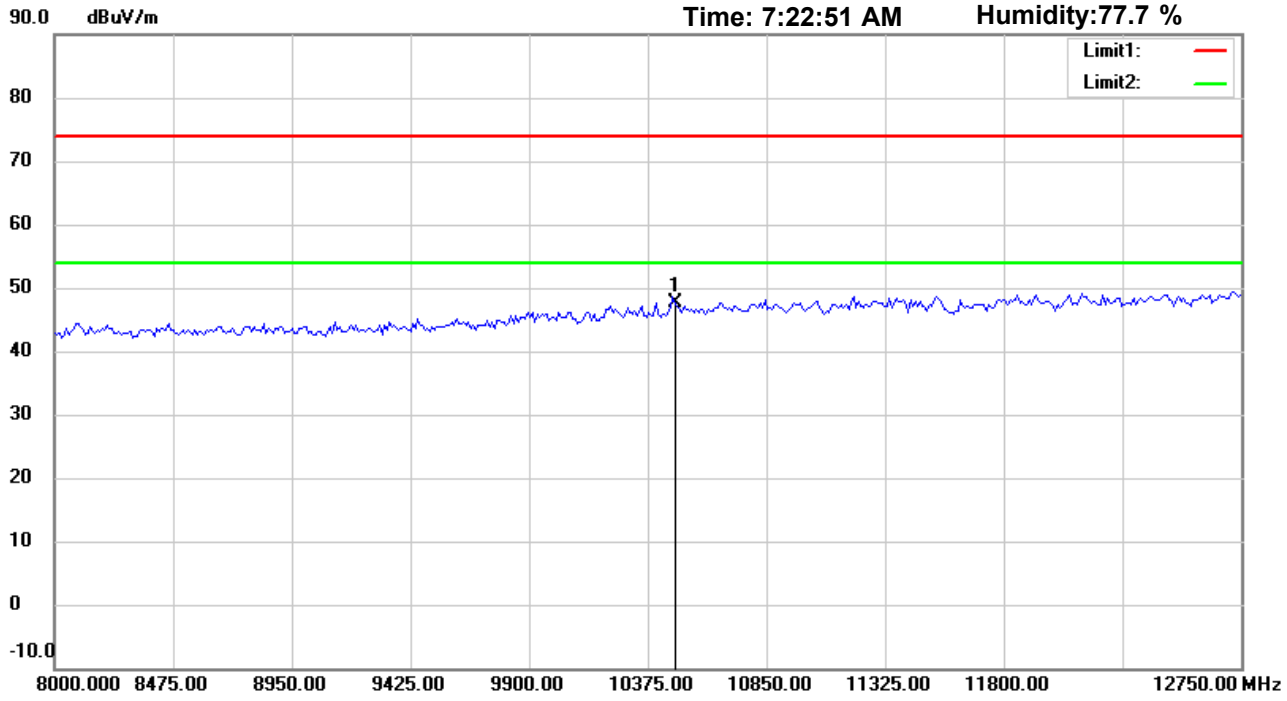
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/13/2018 Time: 7:22:51 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10480.000	36.59	peak	10.94	47.53	74.00	150	235	-26.47	

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

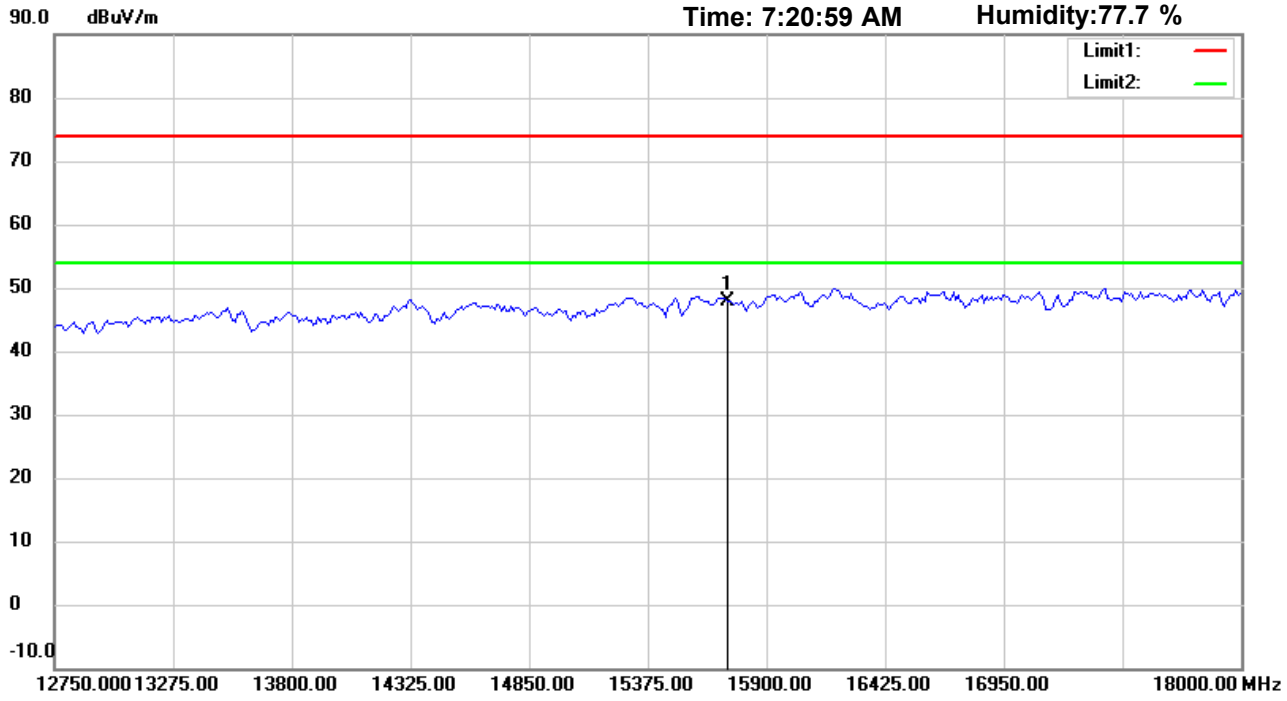
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/13/2018 Time: 7:20:59 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15720.000	29.14	peak	18.86	48.00	74.00	150	40	-26.00	

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

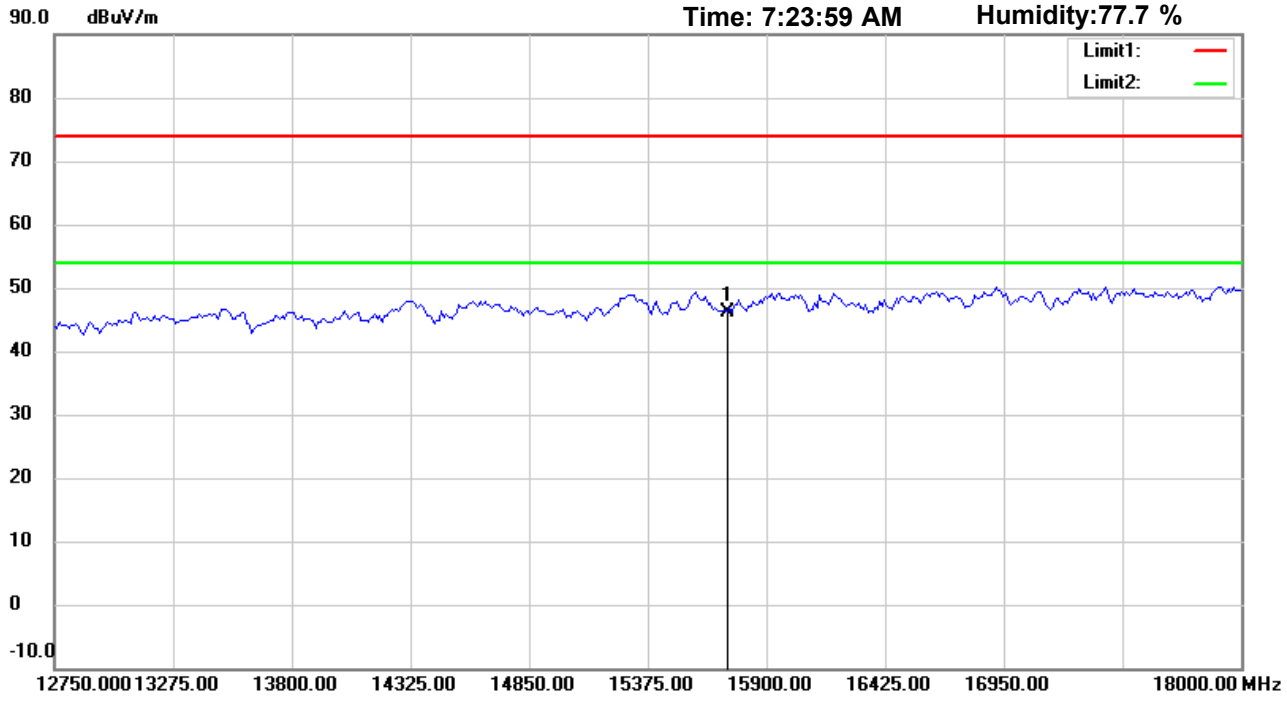
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/13/2018 Time: 7:23:59 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15720.000	27.38	peak	18.86	46.24	74.00	150	140	-27.76	

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

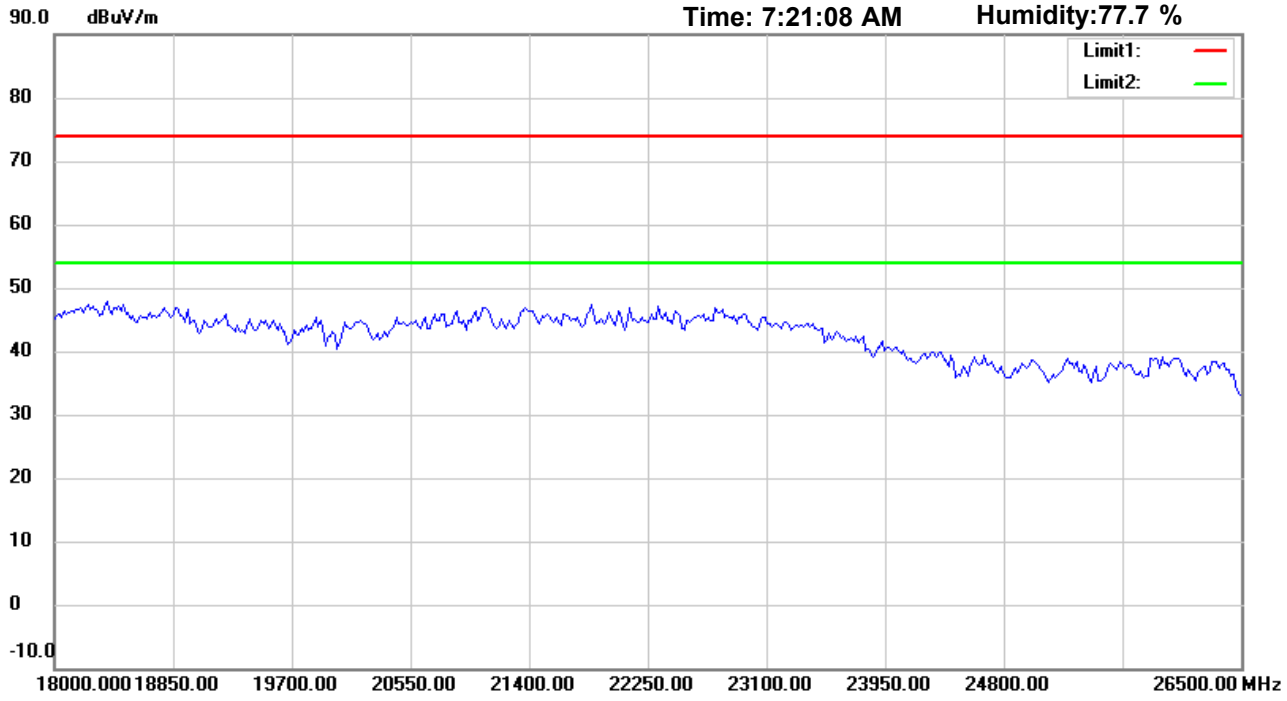
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/13/2018 Time: 7:21:08 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

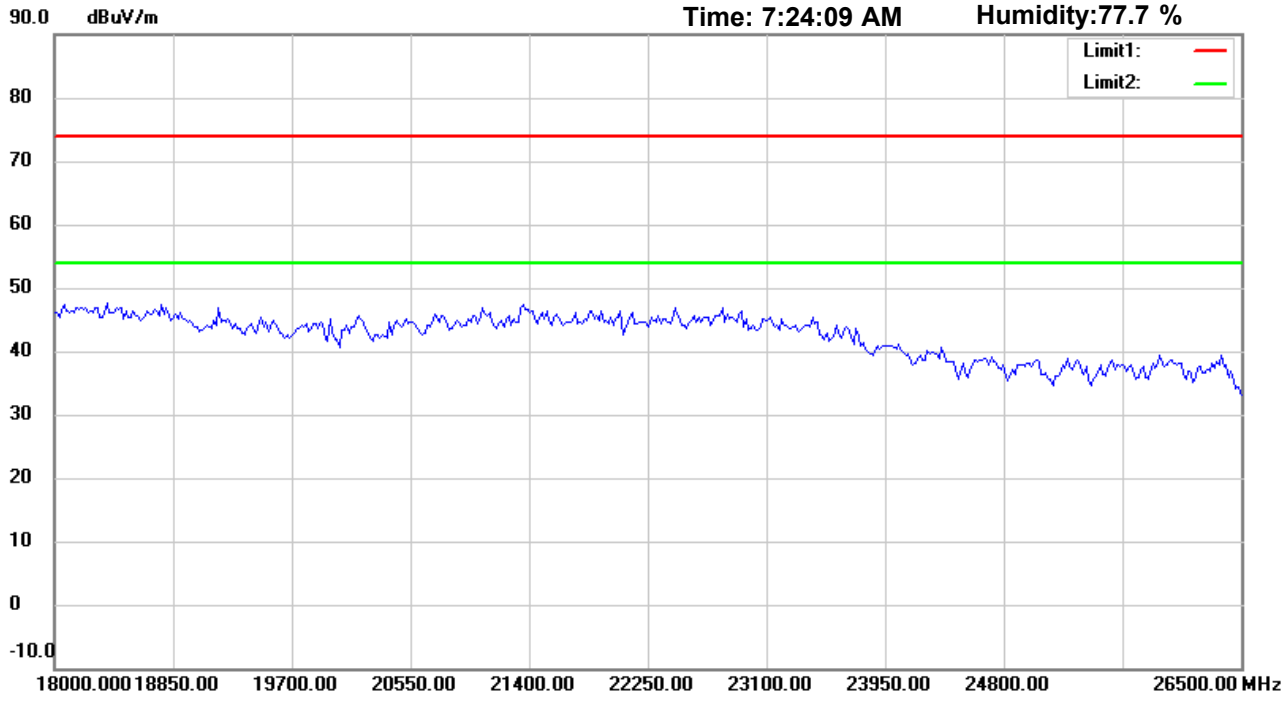
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/13/2018 Time: 7:24:09 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

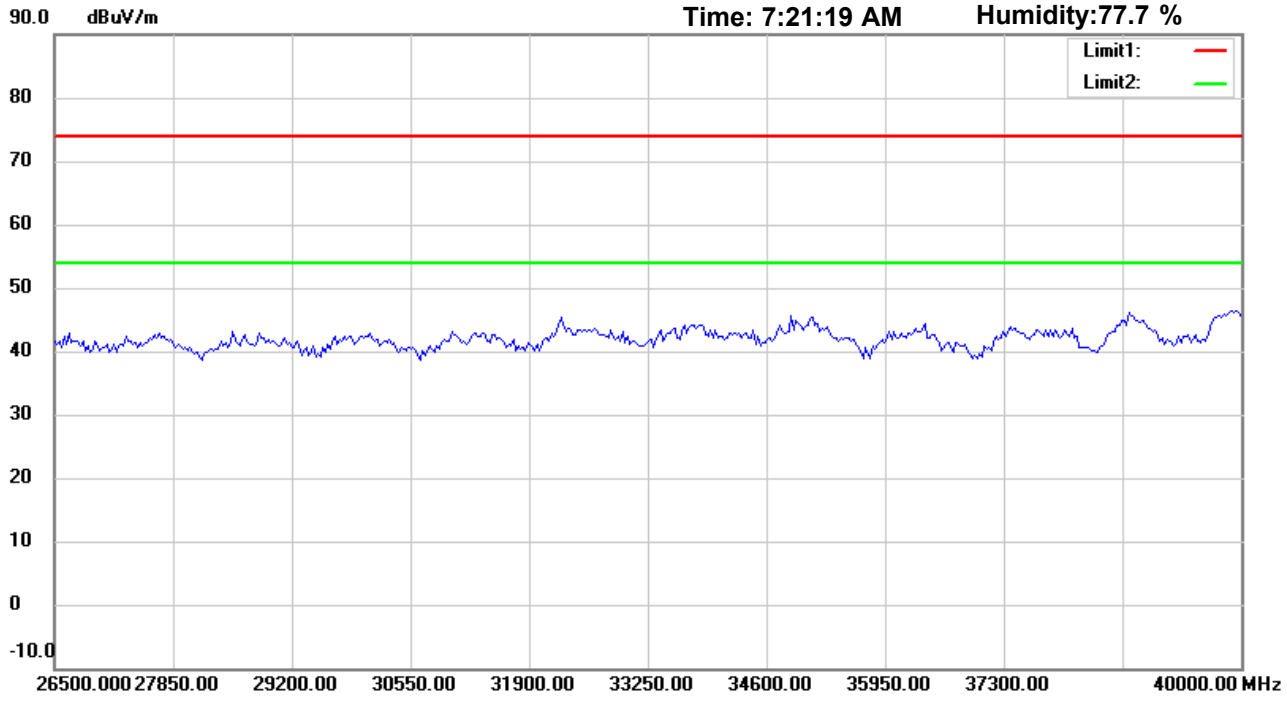
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/13/2018 Time: 7:21:19 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

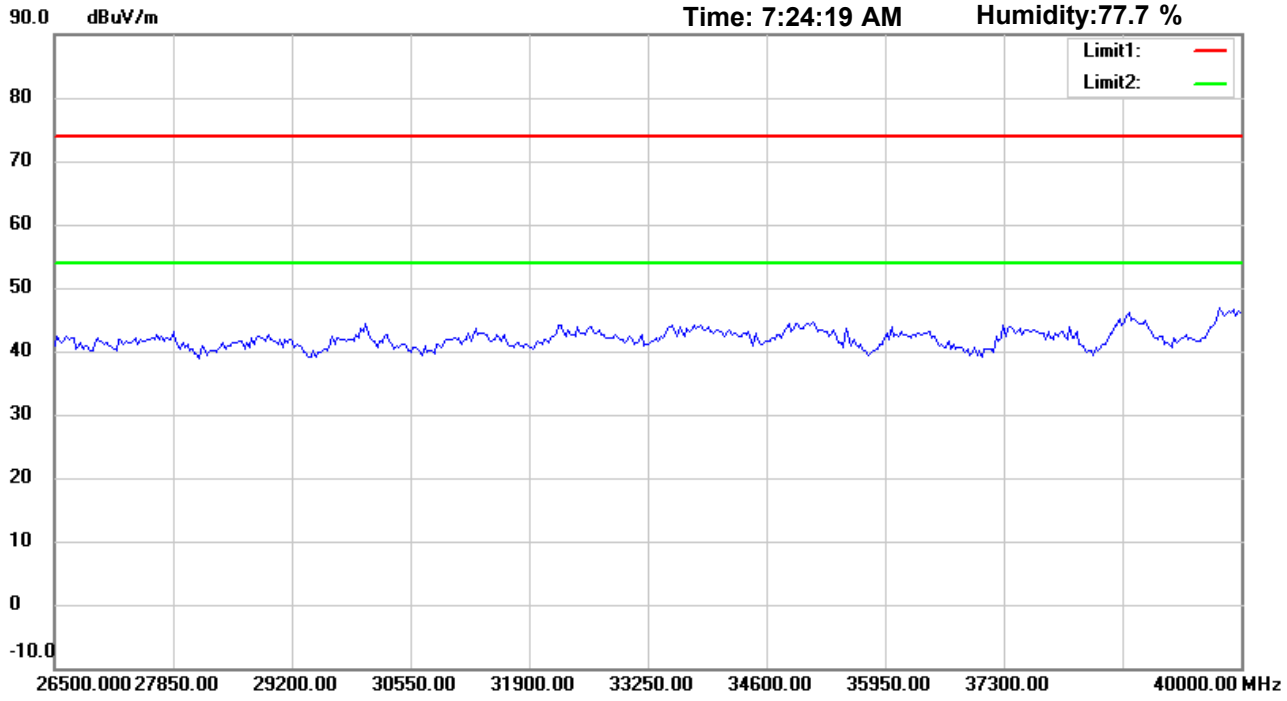
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/13/2018 Time: 7:24:19 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

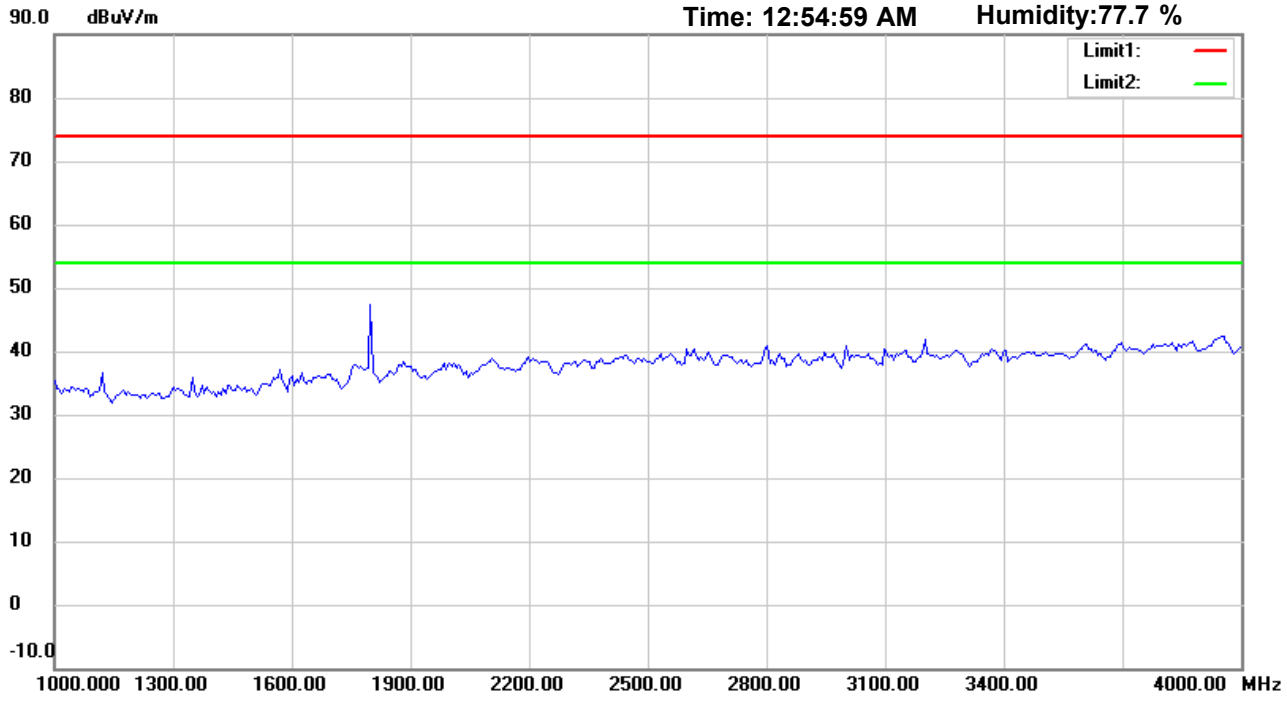
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 12:54:59 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

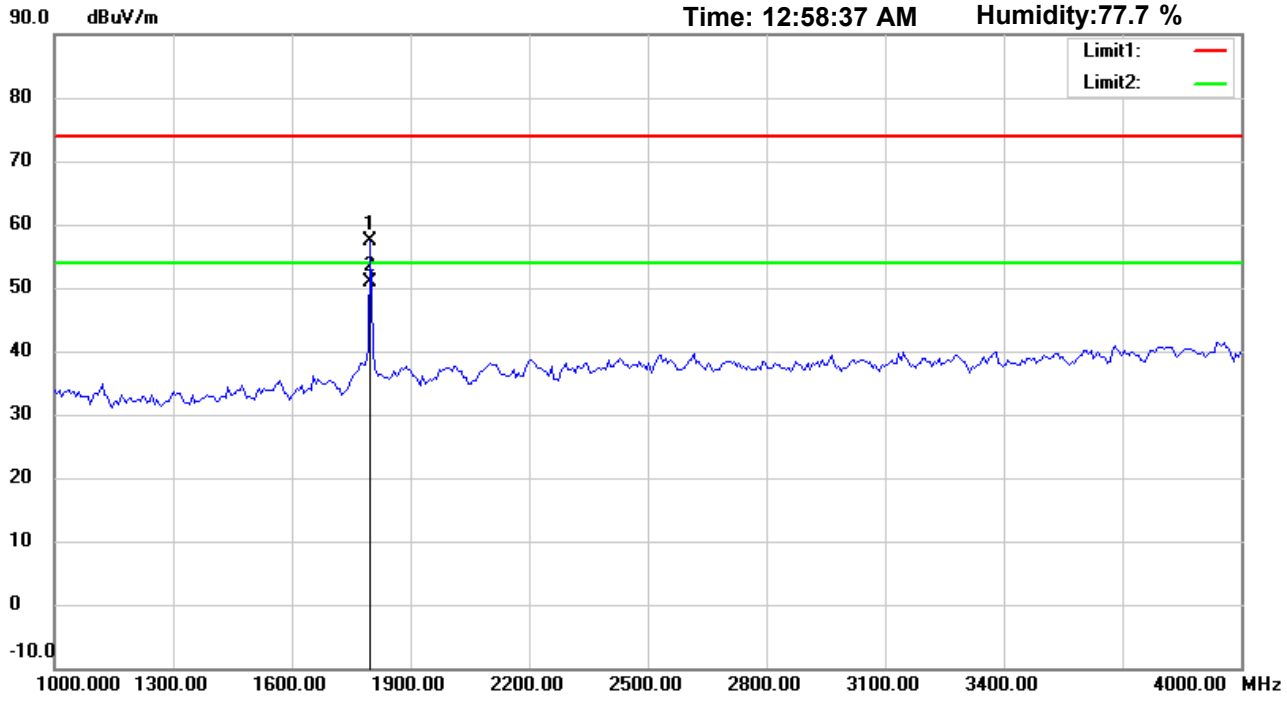
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 12:58:37 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	63.92	peak	-6.52	57.40	74.00	150	185	-16.60	
*	1799.599	57.47	AVG	-6.52	50.95	54.00	150	185	-3.05	

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

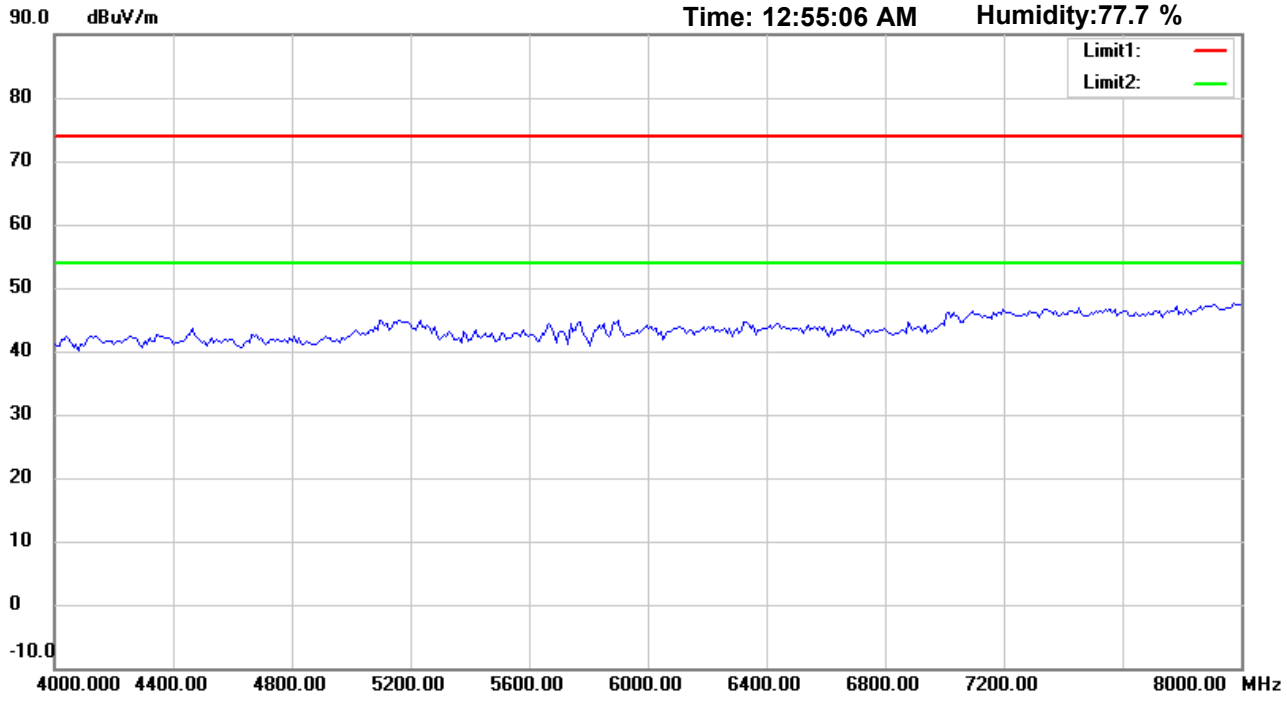
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 12:55:06 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

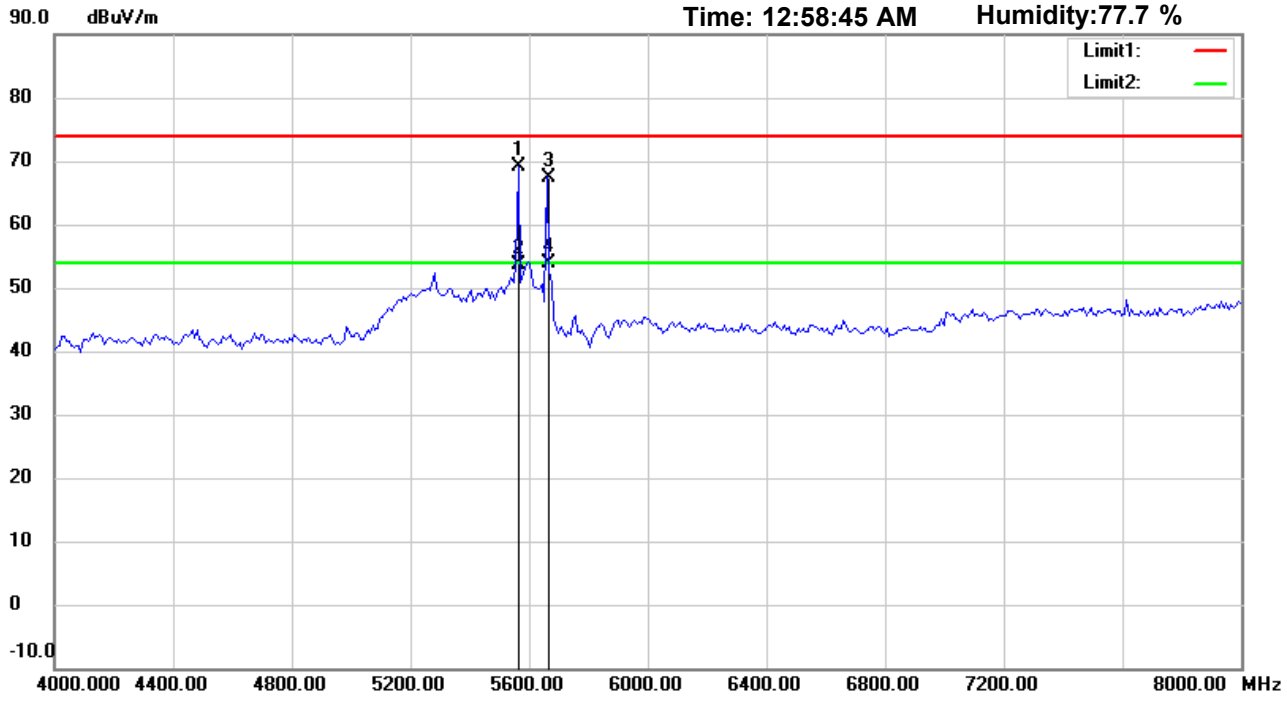
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 12:58:45 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5560.095	66.64	peak	2.37	69.01	74.00	150	225	-4.99	
	5560.095	51.33	AVG	2.37	53.70	54.00	150	225	-0.30	
	5659.660	64.24	peak	3.05	67.29	74.00	150	175	-6.71	
*	5659.660	50.82	AVG	3.05	53.87	54.00	150	175	-0.13	

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

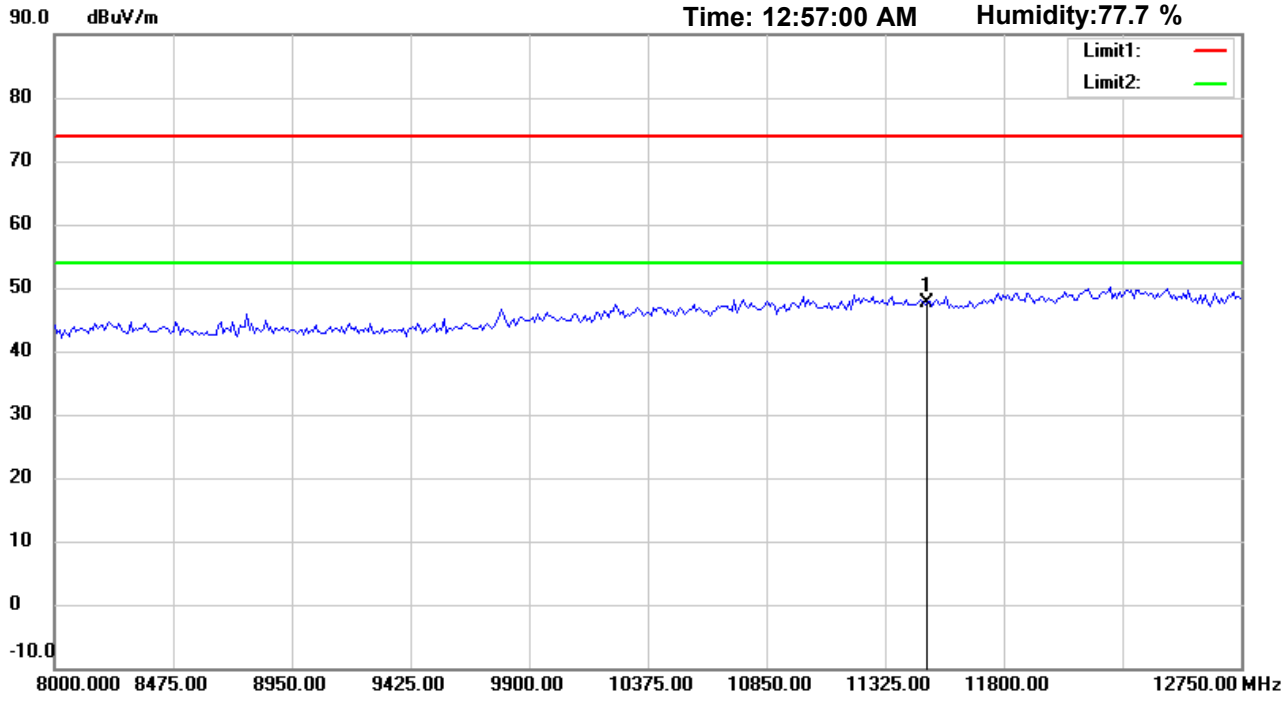
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 12:57:00 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11490.000	35.12	peak	12.58	47.70	74.00	150	60	-26.30	

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

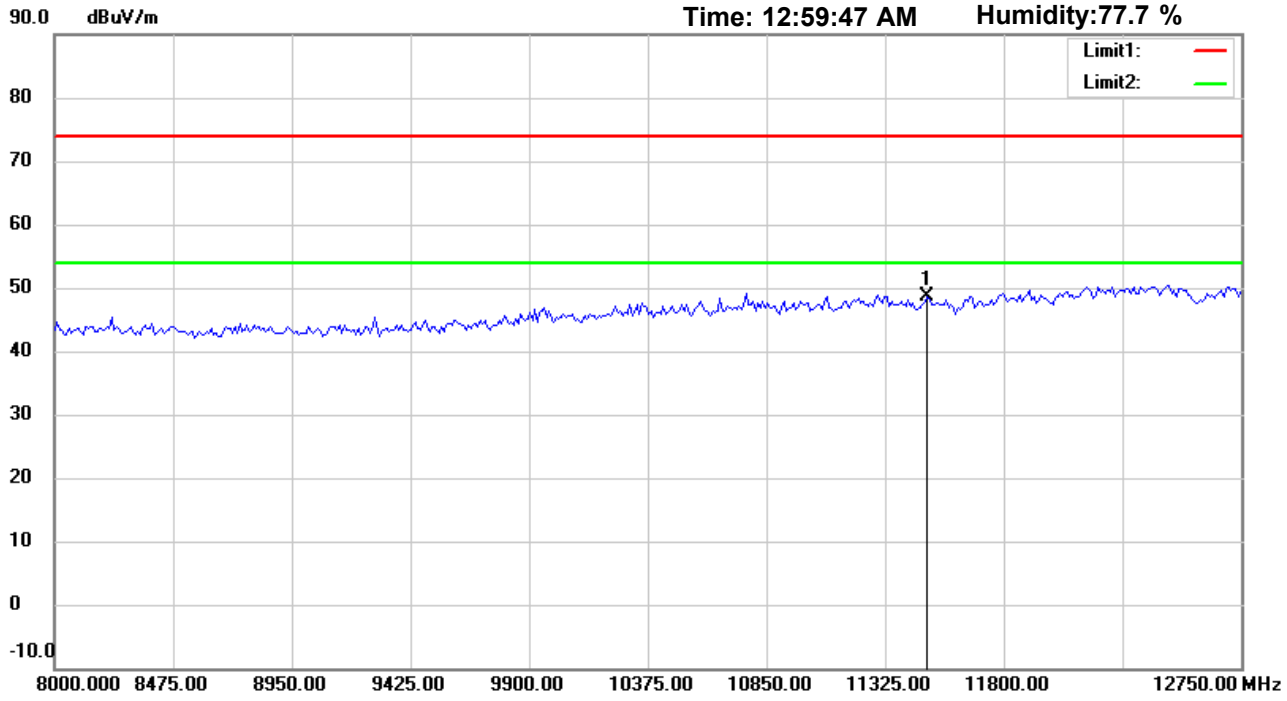
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 12:59:47 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11490.000	36.07	peak	12.58	48.65	74.00	150	85	-25.35	

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

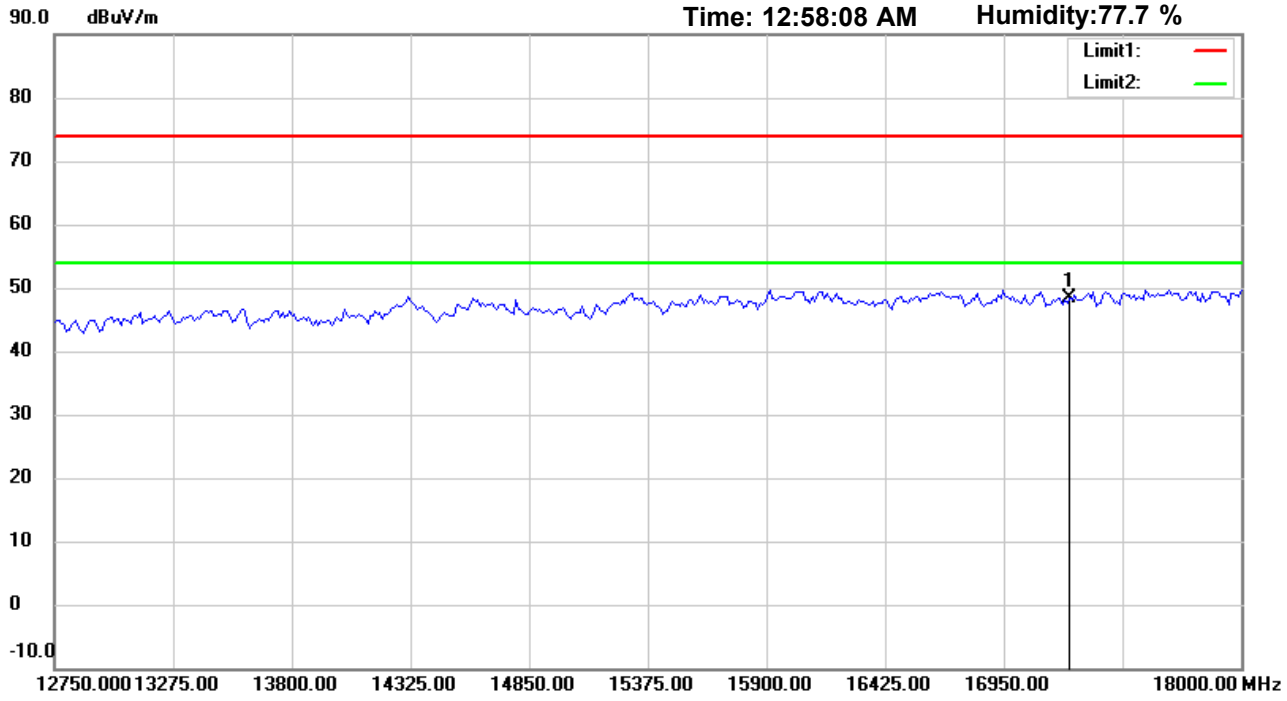
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 12:58:08 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17235.000	27.80	peak	20.66	48.46	74.00	150	190	-25.54	

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

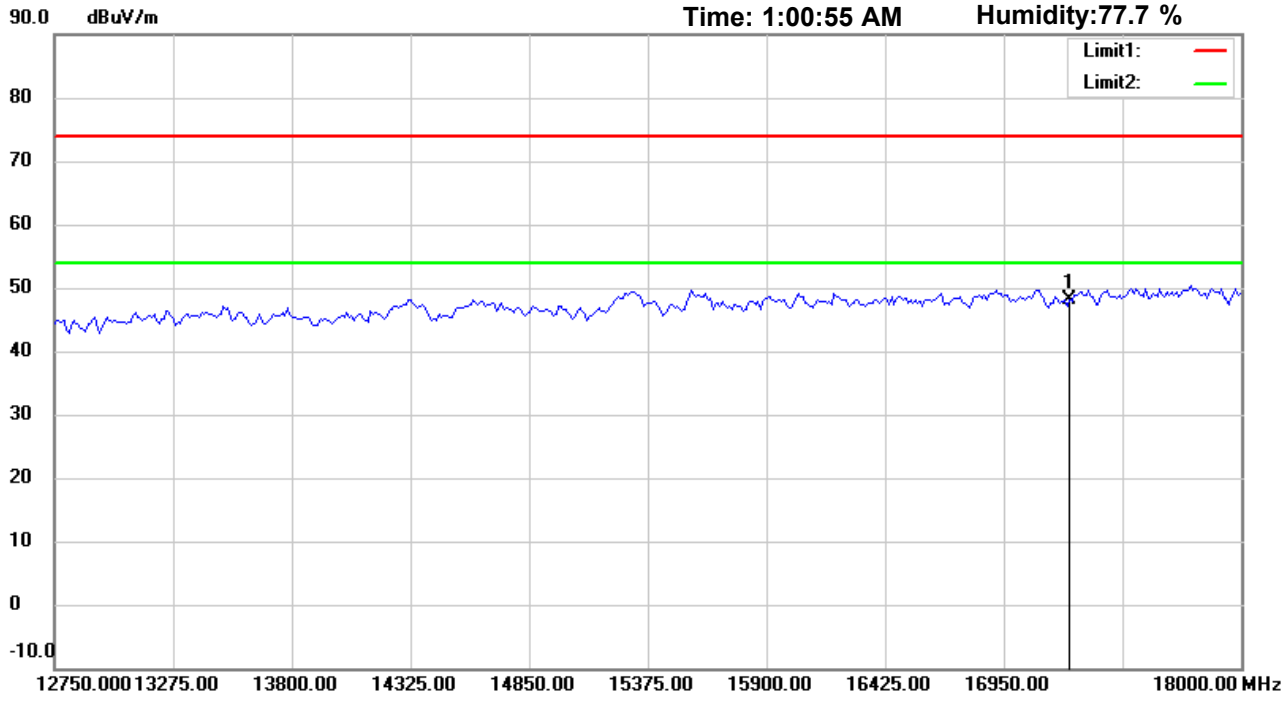
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 1:00:55 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17235.000	27.50	peak	20.66	48.16	74.00	150	120	-25.84	

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

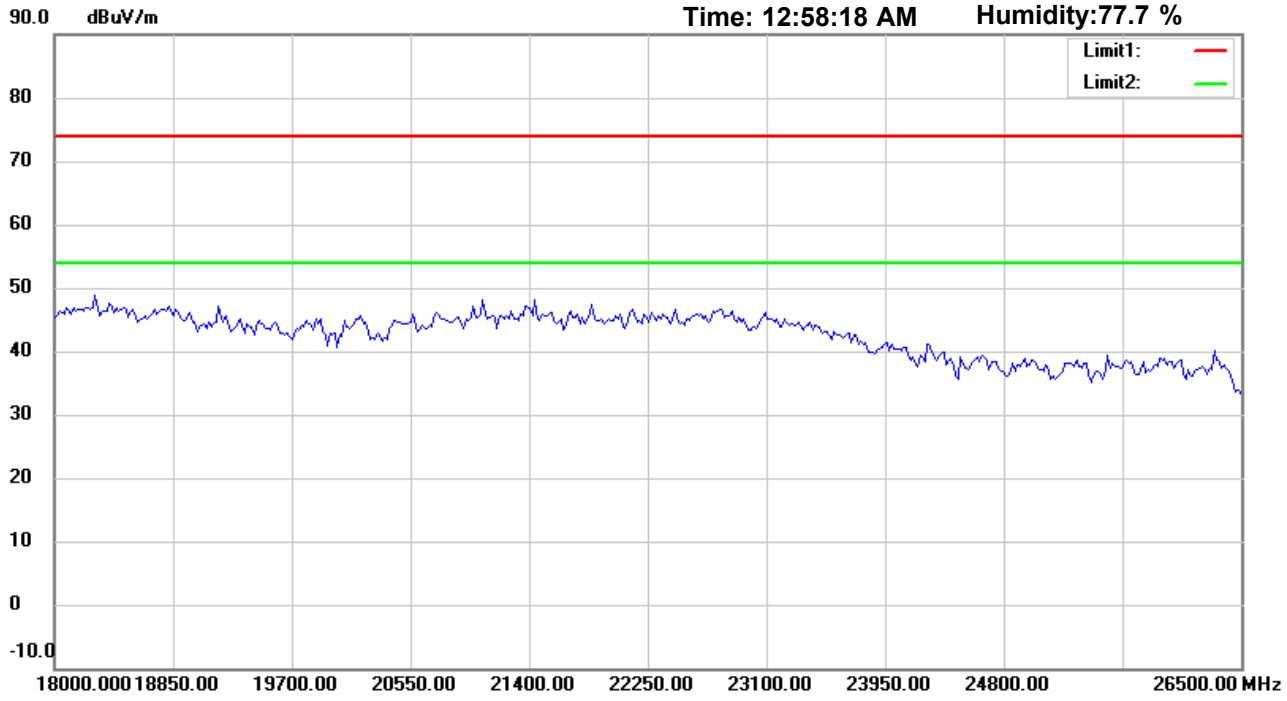
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 12:58:18 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

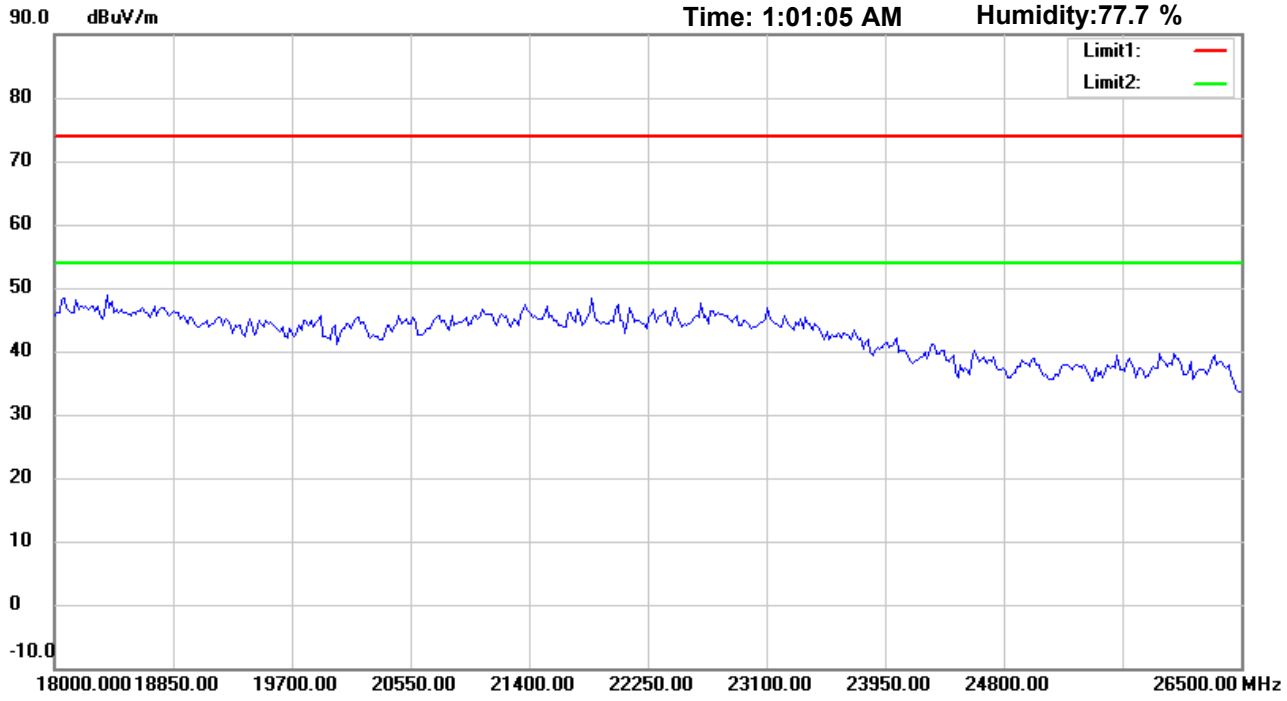
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/14/2018 Time: 1:01:05 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

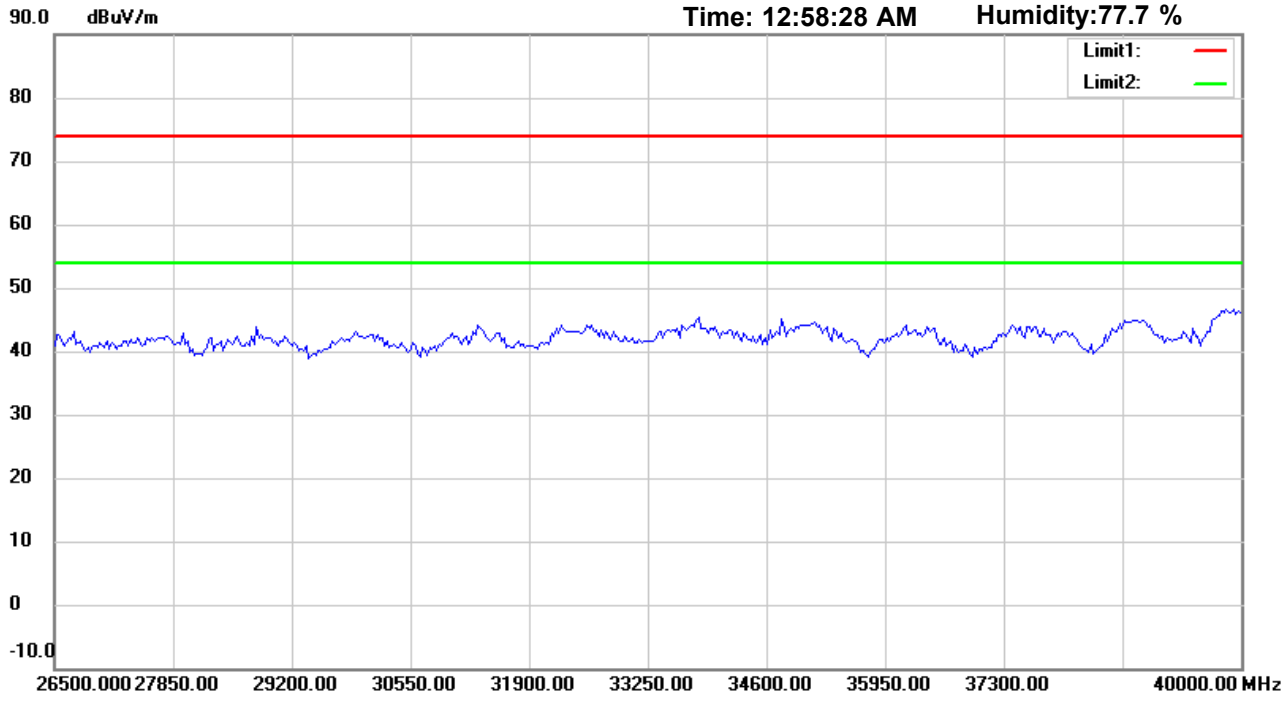
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 12:58:28 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

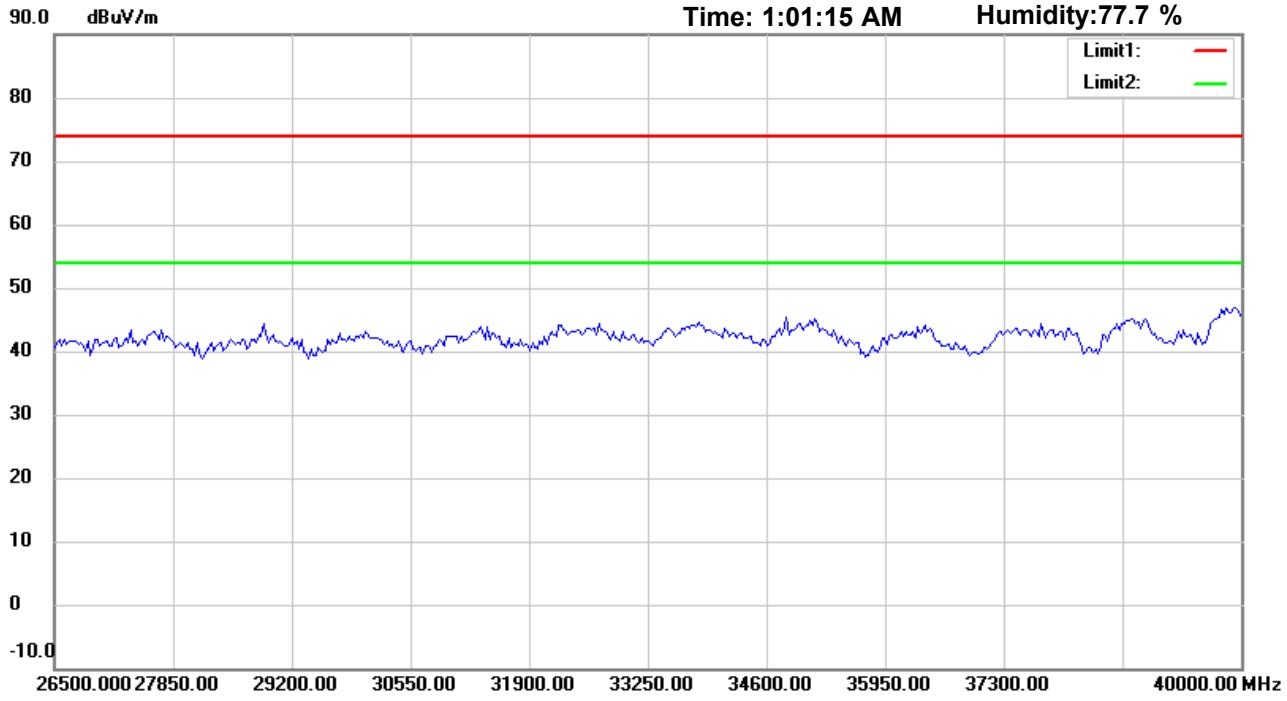
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/14/2018 Time: 1:01:15 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

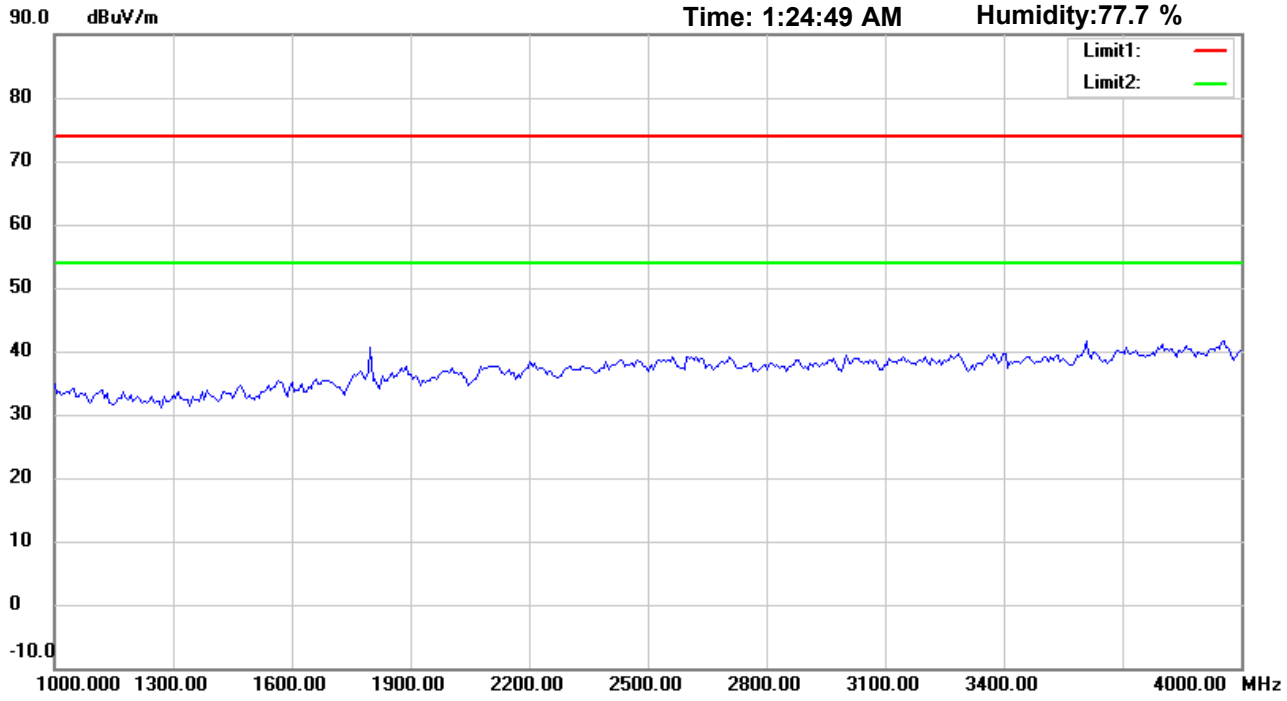
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 1:24:49 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

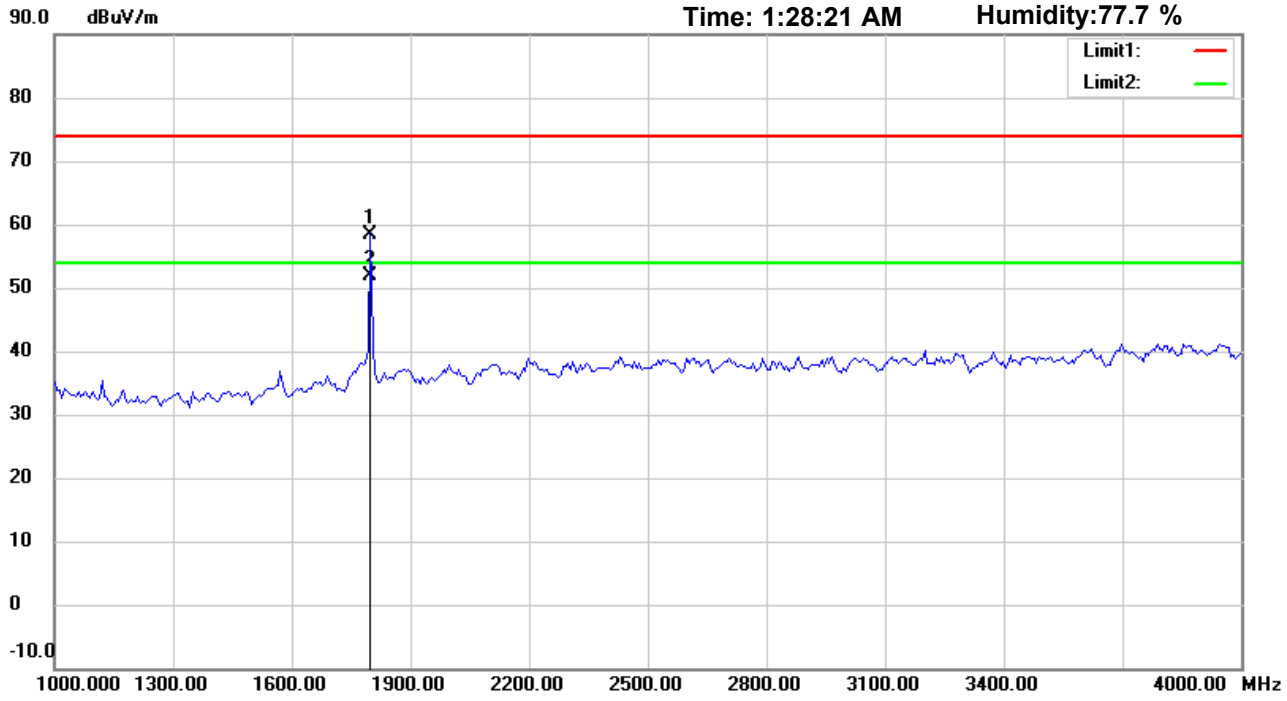
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 1:28:21 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.91	peak	-6.52	58.39	74.00	150	335	-15.61	
*	1799.599	58.37	AVG	-6.52	51.85	54.00	150	335	-2.15	

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

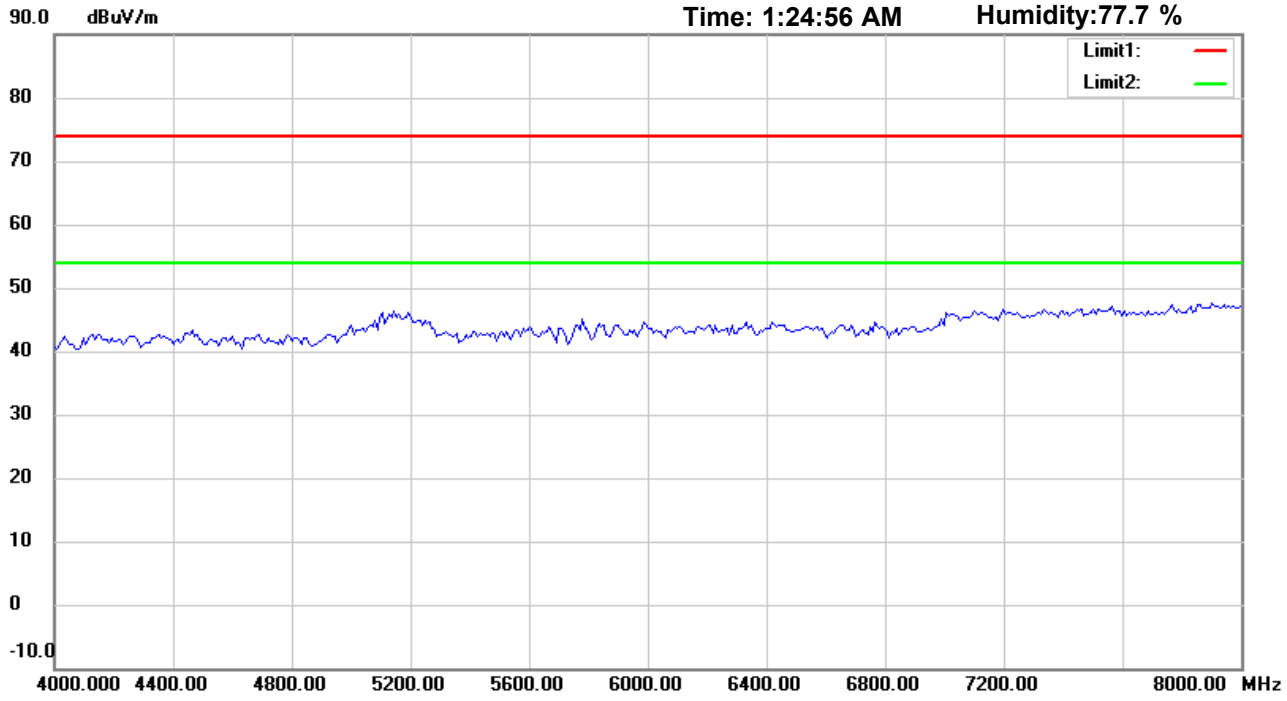
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 1:24:56 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

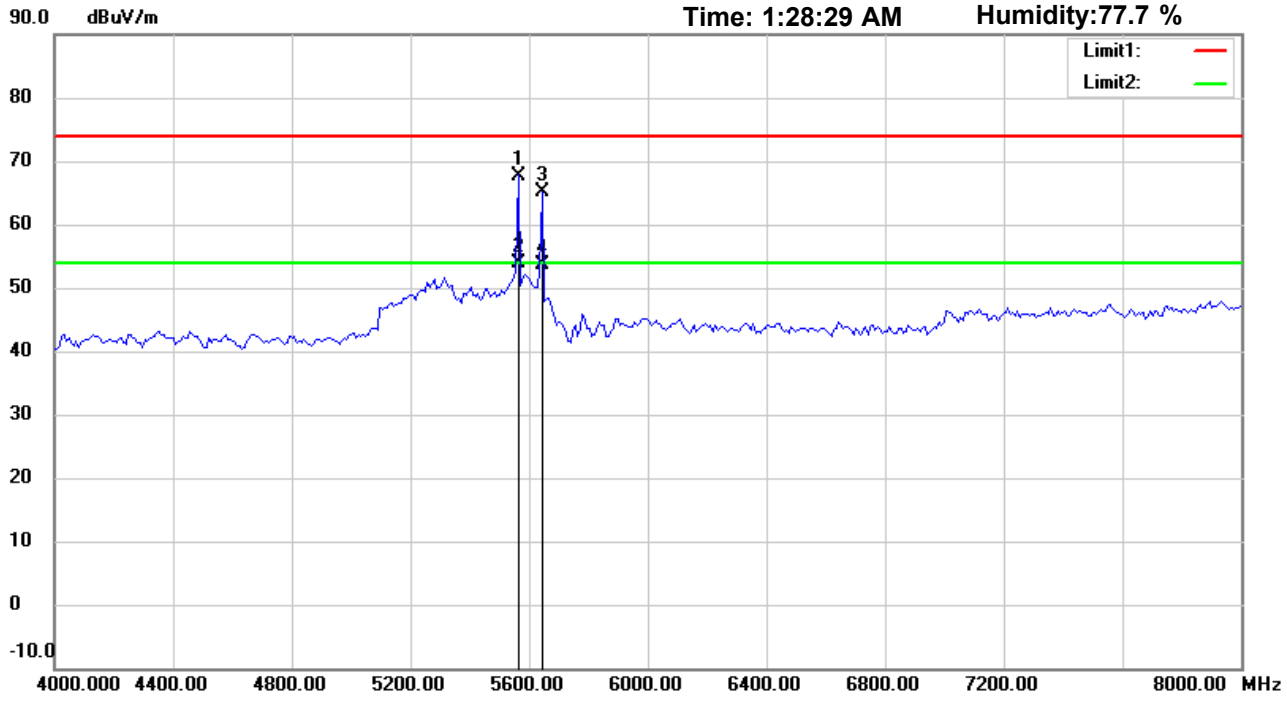
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 1:28:29 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5560.075	65.25	peak	2.37	67.62	74.00	150	230	-6.38	
*	5560.075	51.42	AVG	2.37	53.79	54.00	150	230	-0.21	
	5639.844	62.39	peak	2.86	65.25	74.00	150	135	-8.75	
	5639.844	50.65	AVG	2.86	53.51	54.00	150	135	-0.49	

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

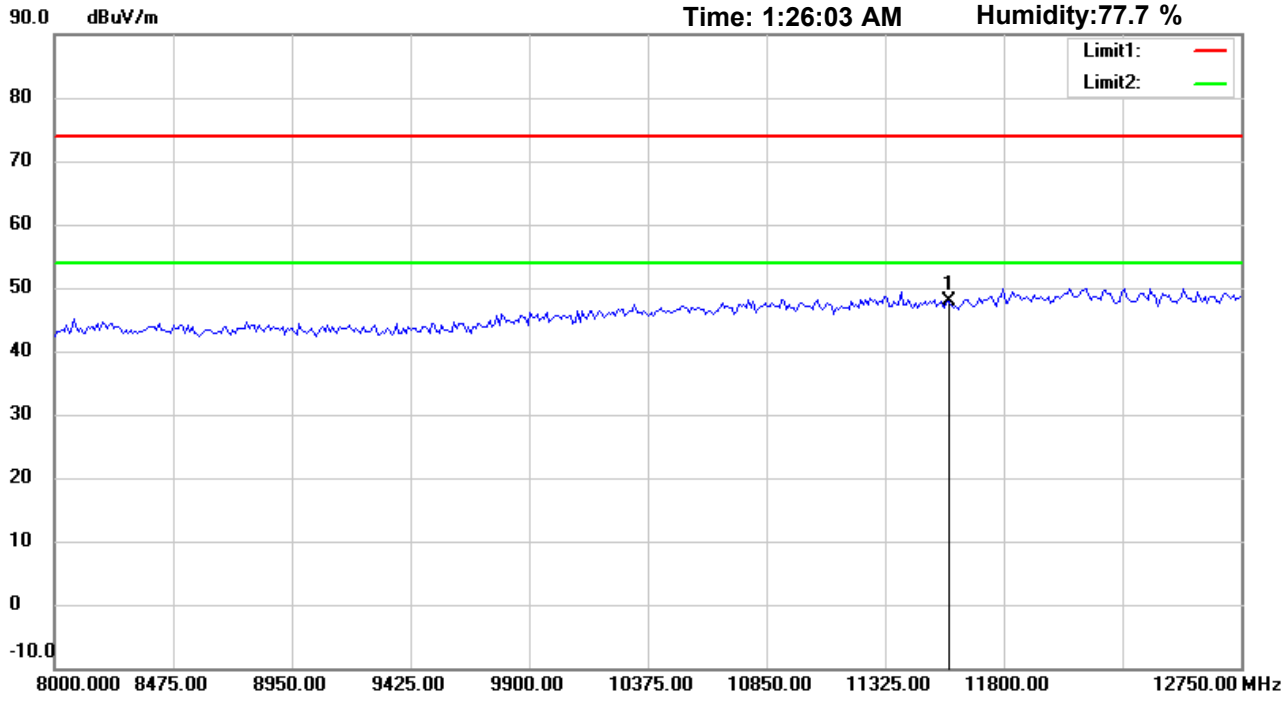
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 1:26:03 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11570.000	35.75	peak	12.12	47.87	74.00	150	15	-26.13	

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

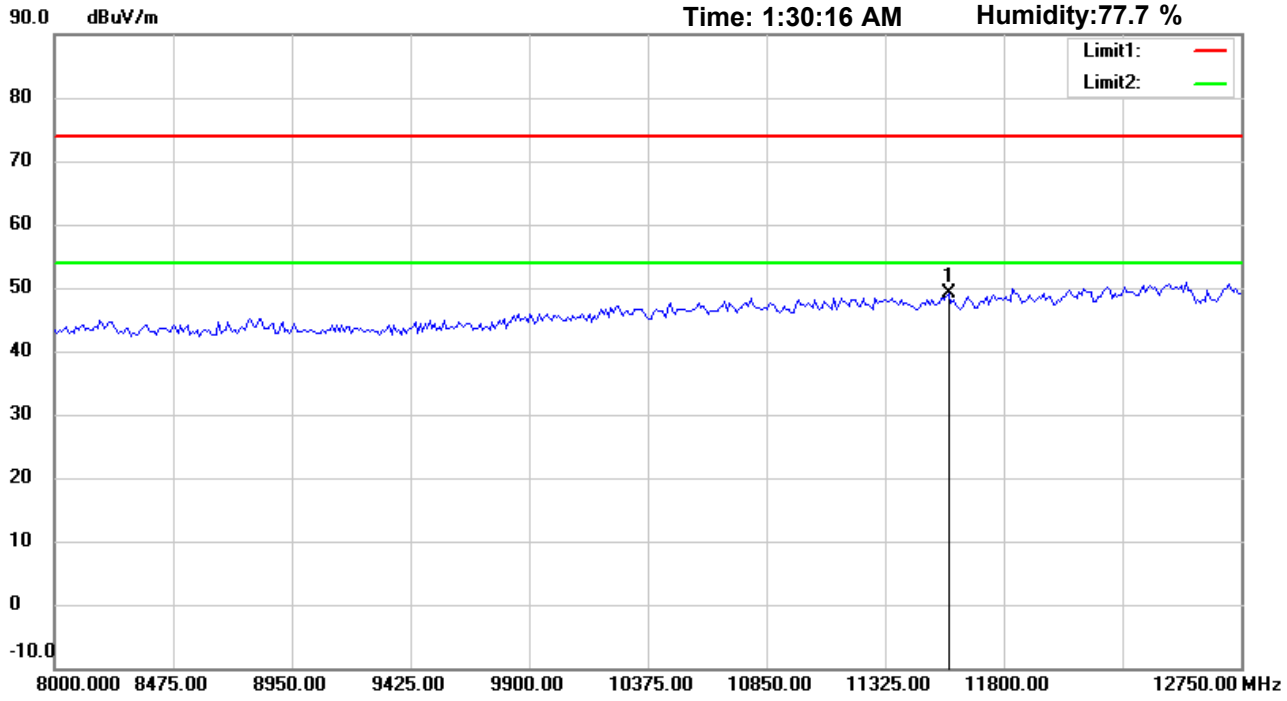
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 1:30:16 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11570.000	36.97	peak	12.12	49.09	74.00	150	135	-24.91	

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

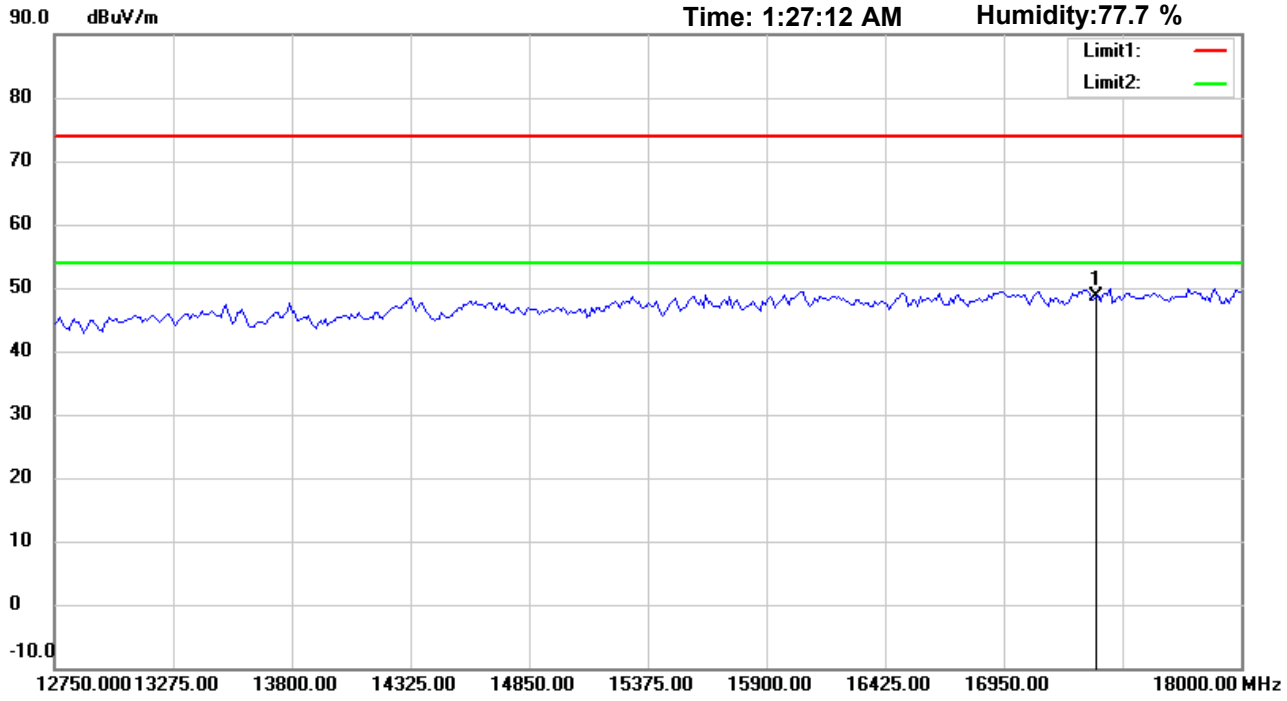
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 1:27:12 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17355.000	26.29	peak	22.27	48.56	74.00	150	170	-25.44	

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

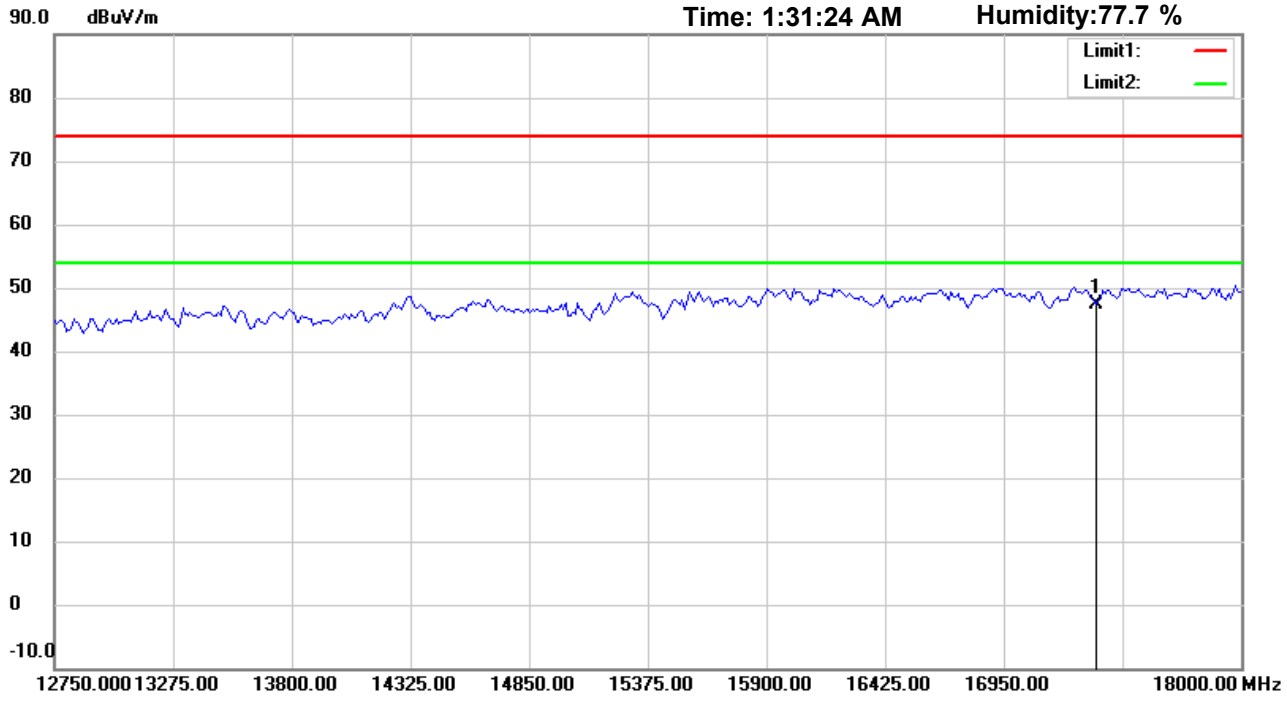
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 1:31:24 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17355.000	25.09	peak	22.27	47.36	74.00	150	85	-26.64	

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

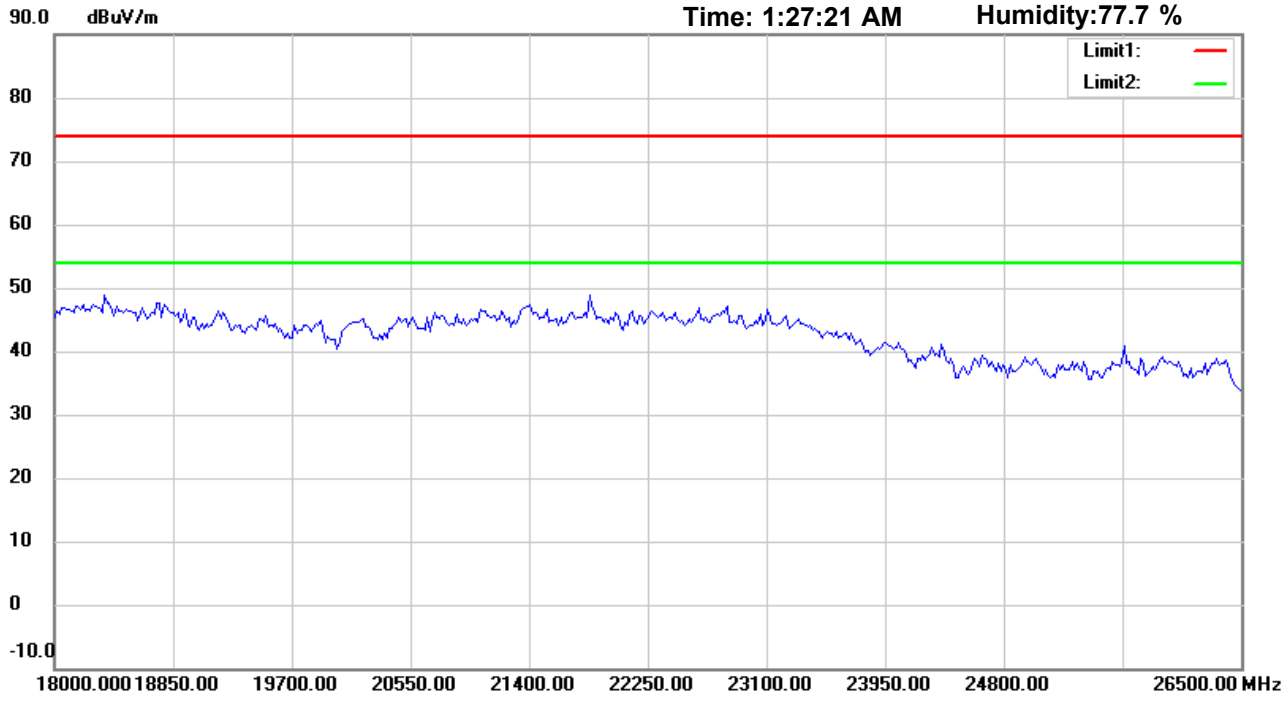
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 1:27:21 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

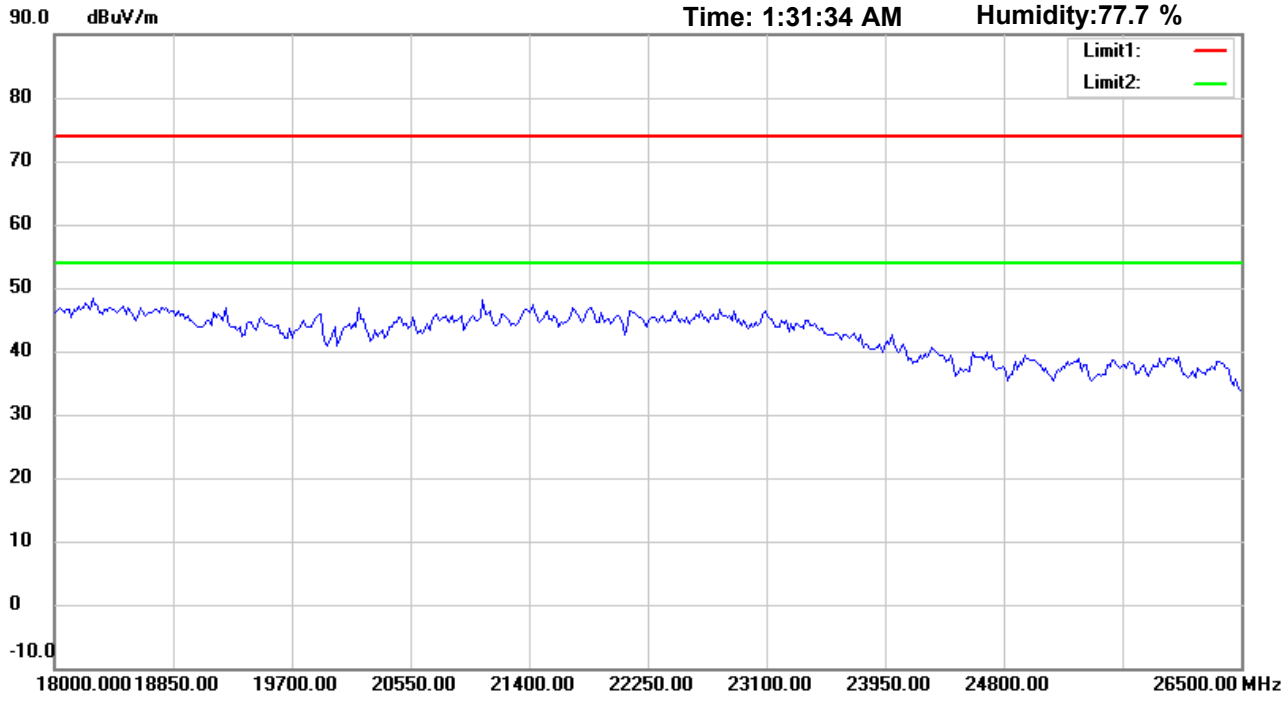
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/14/2018 Time: 1:31:34 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

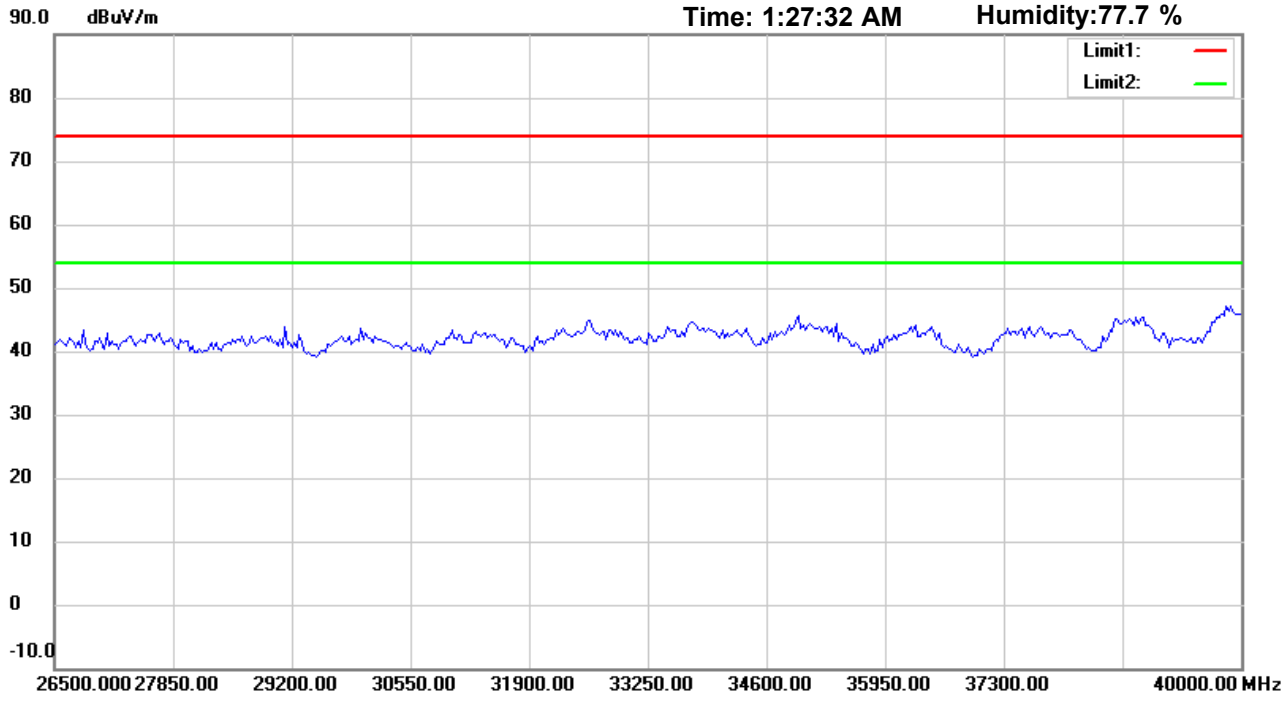
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 1:27:32 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH157

Note :

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

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

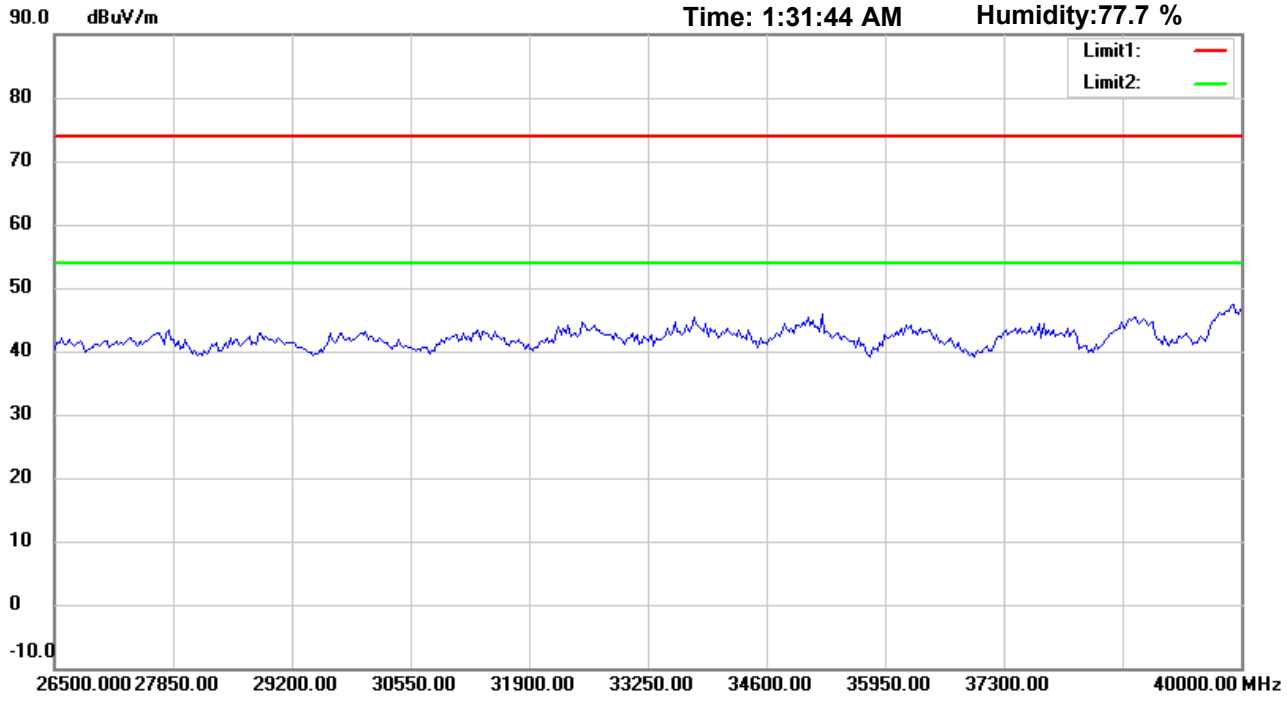
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/14/2018 Time: 1:31:44 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

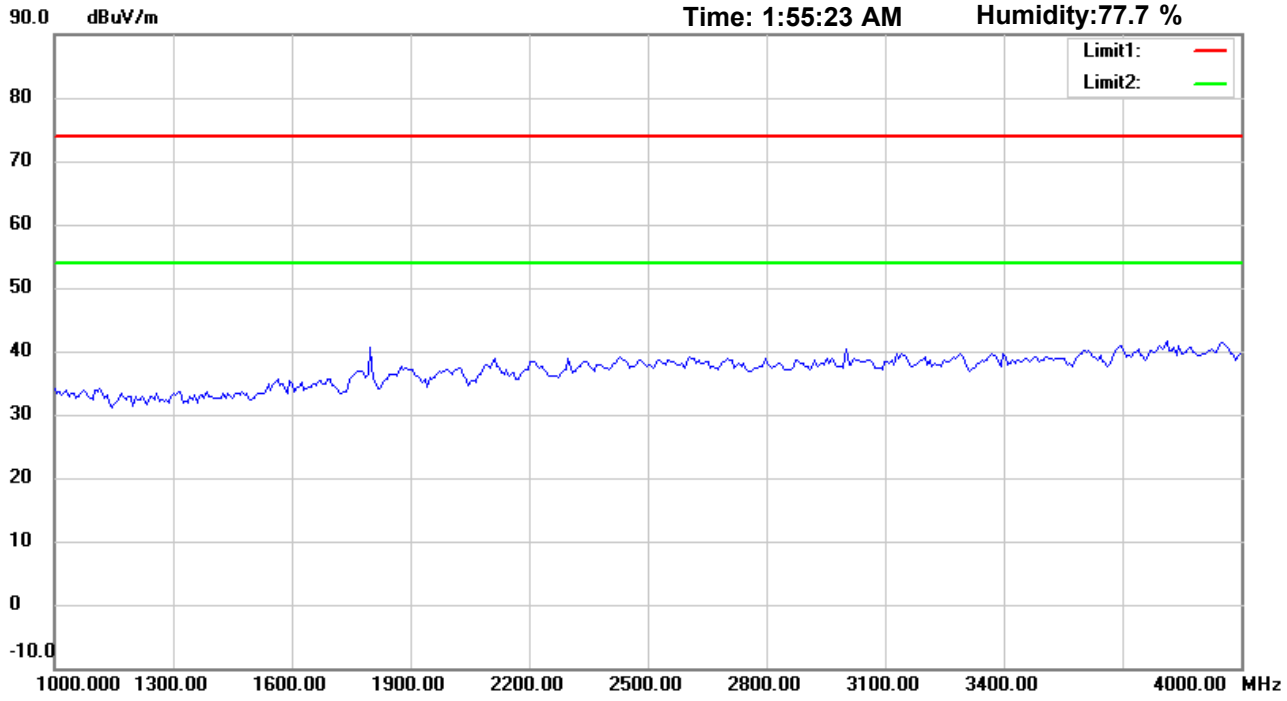
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 1:55:23 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

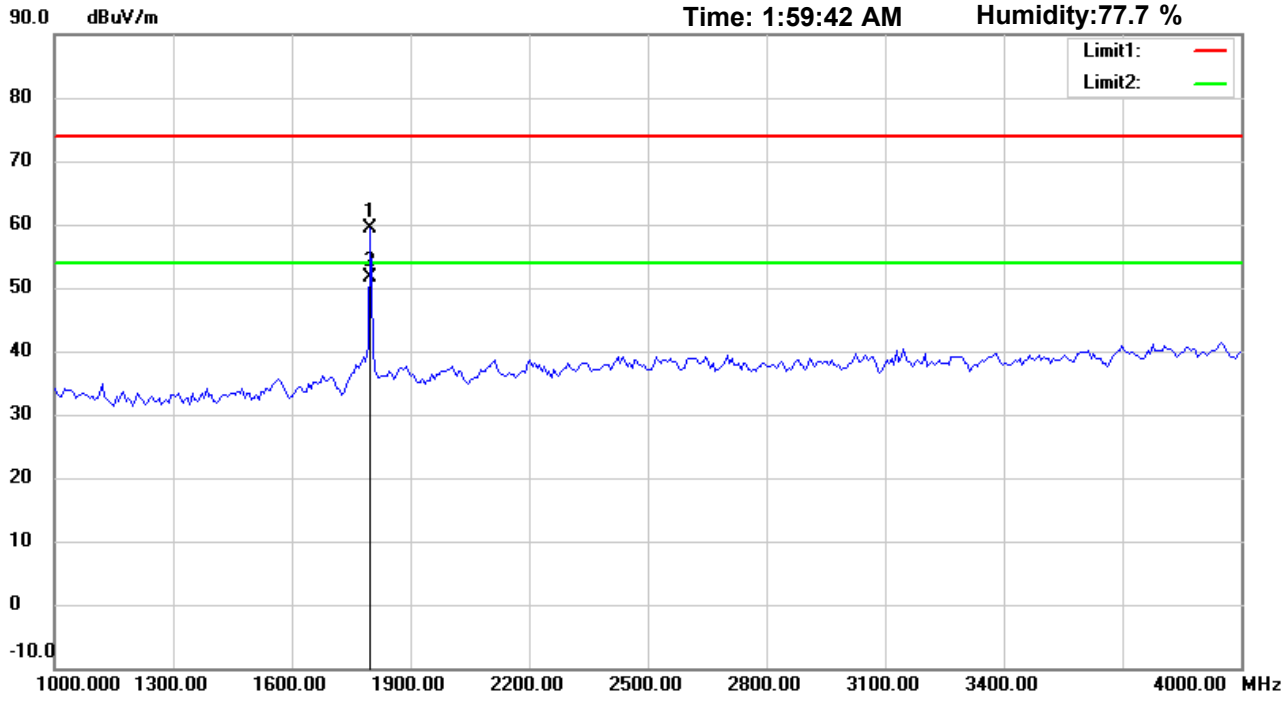
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 1:59:42 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	65.98	peak	-6.52	59.46	74.00	150	130	-14.54	
*	1799.599	58.24	AVG	-6.52	51.72	54.00	150	130	-2.28	

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

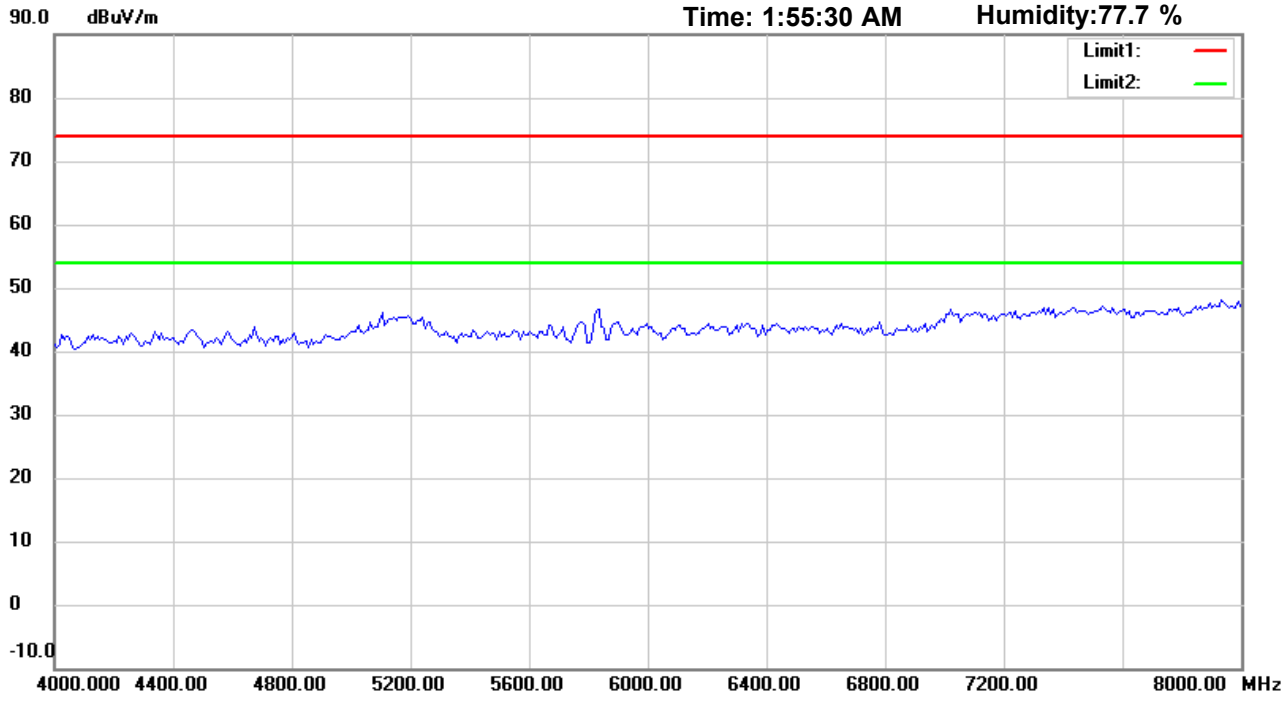
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 1:55:30 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

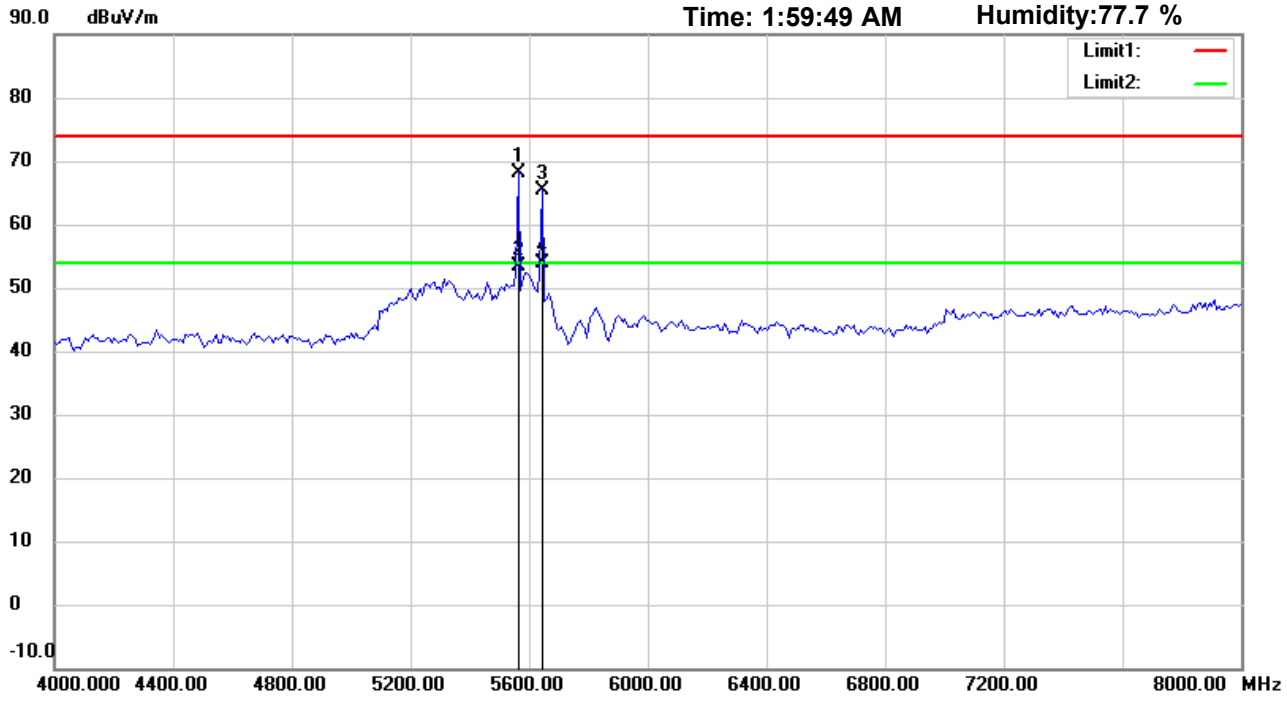
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 1:59:49 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5560.105	65.79	peak	2.37	68.16	74.00	150	235	-5.84	
	5560.105	51.04	AVG	2.37	53.41	54.00	150	235	-0.59	
	5640.055	62.53	peak	2.87	65.40	74.00	150	184	-8.60	
*	5640.055	51.08	AVG	2.87	53.95	54.00	150	184	-0.05	

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

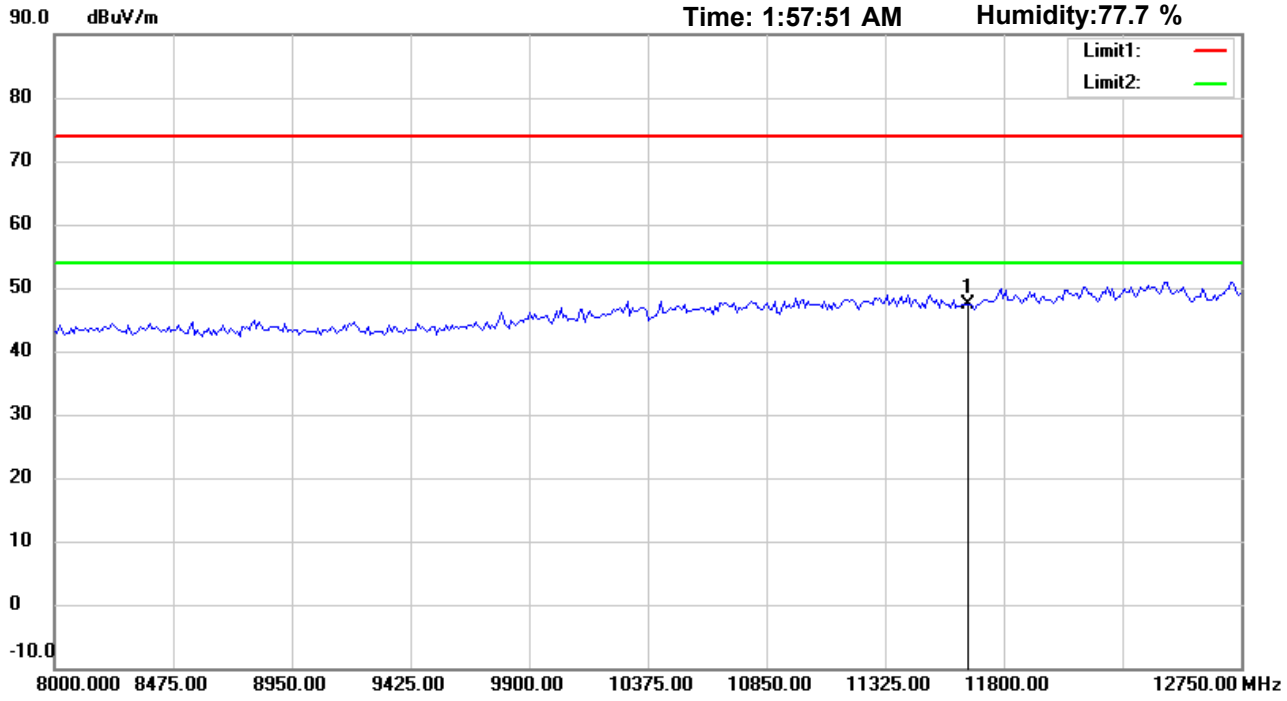
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 1:57:51 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11650.000	34.99	peak	12.32	47.31	74.00	150	55	-26.69	

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

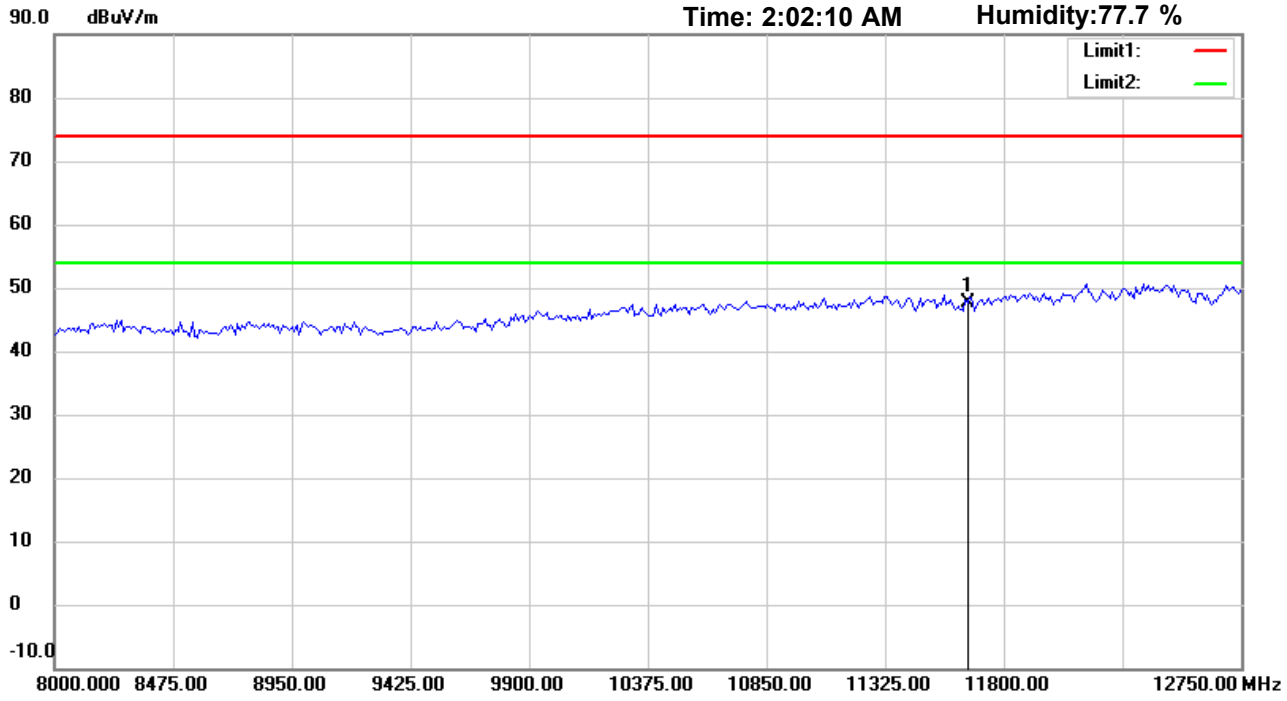
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 2:02:10 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11650.000	35.42	peak	12.32	47.74	74.00	150	70	-26.26	

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

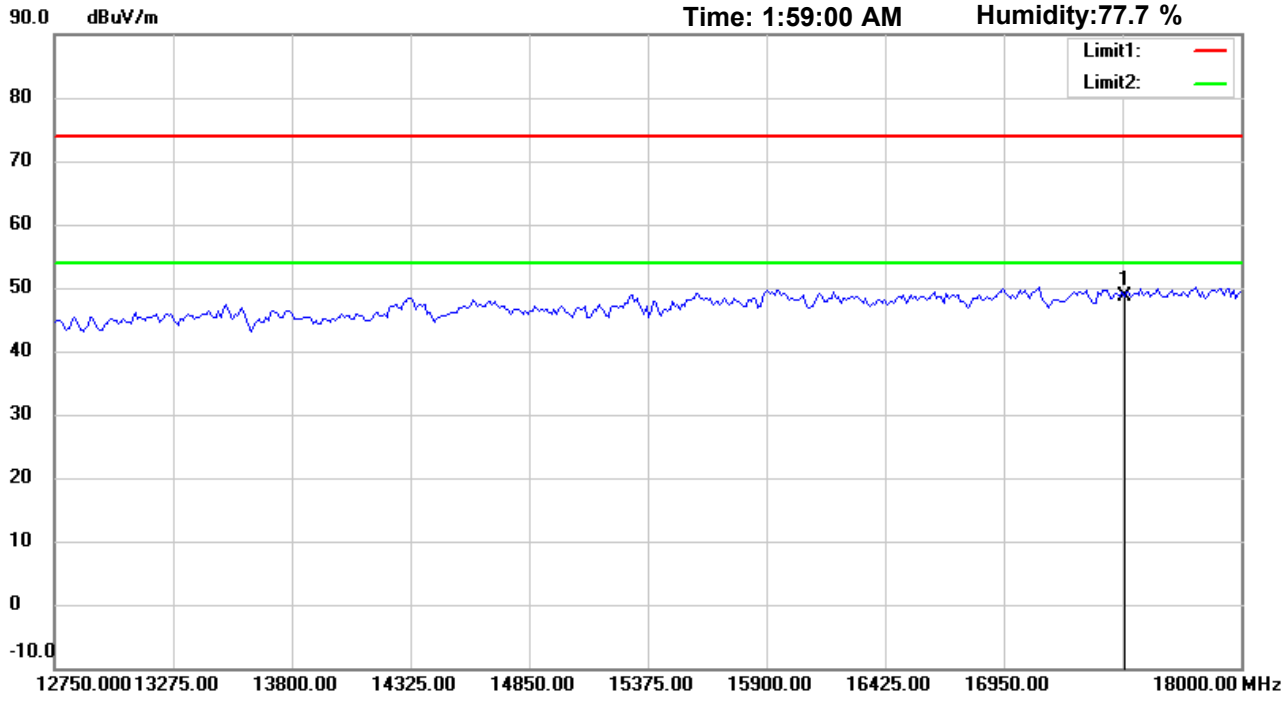
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 1:59:00 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17475.000	26.24	peak	22.50	48.74	74.00	150	110	-25.26	

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

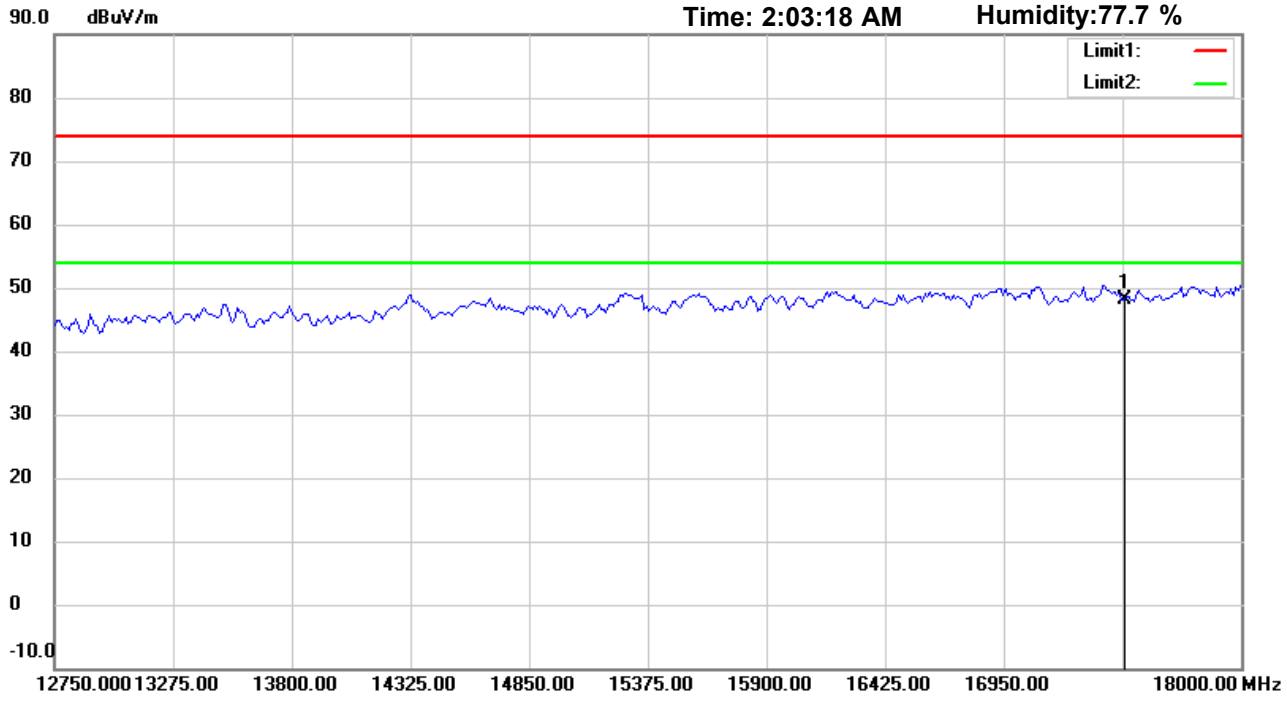
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 2:03:18 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17475.000	25.61	peak	22.50	48.11	74.00	150	230	-25.89	

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

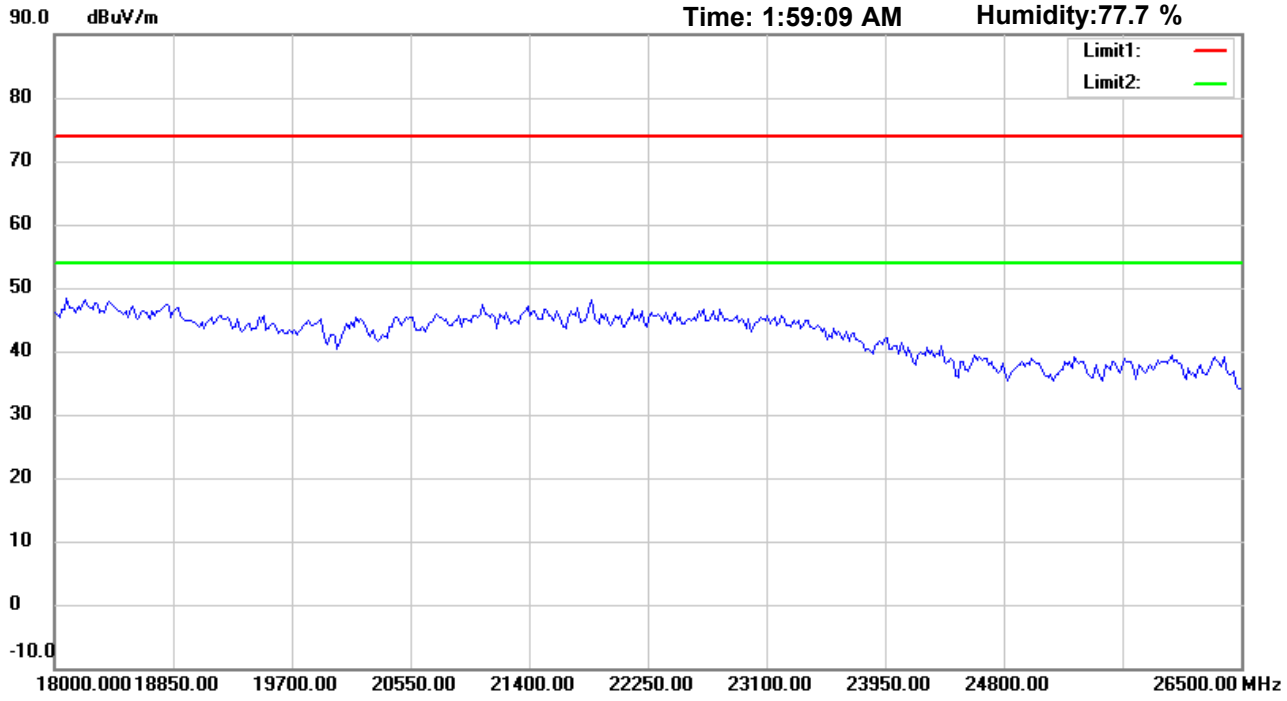
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 1:59:09 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

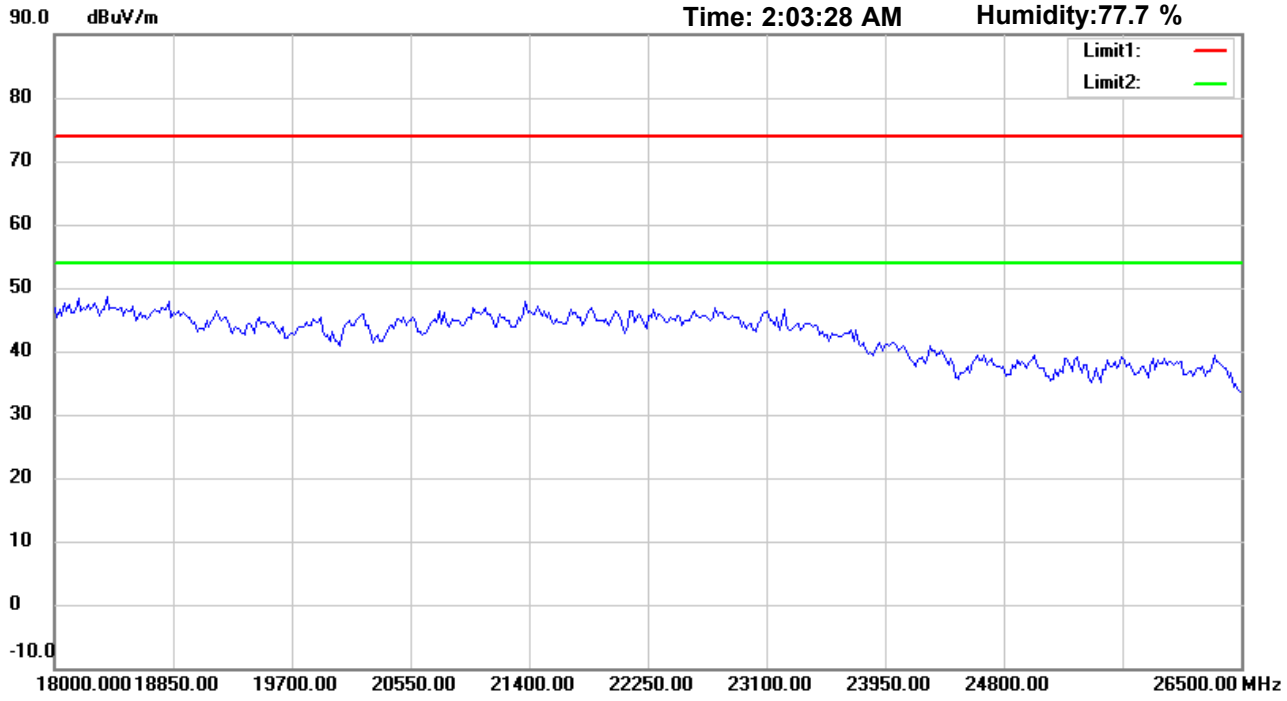
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/14/2018 Time: 2:03:28 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11a CH165

Note :

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

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

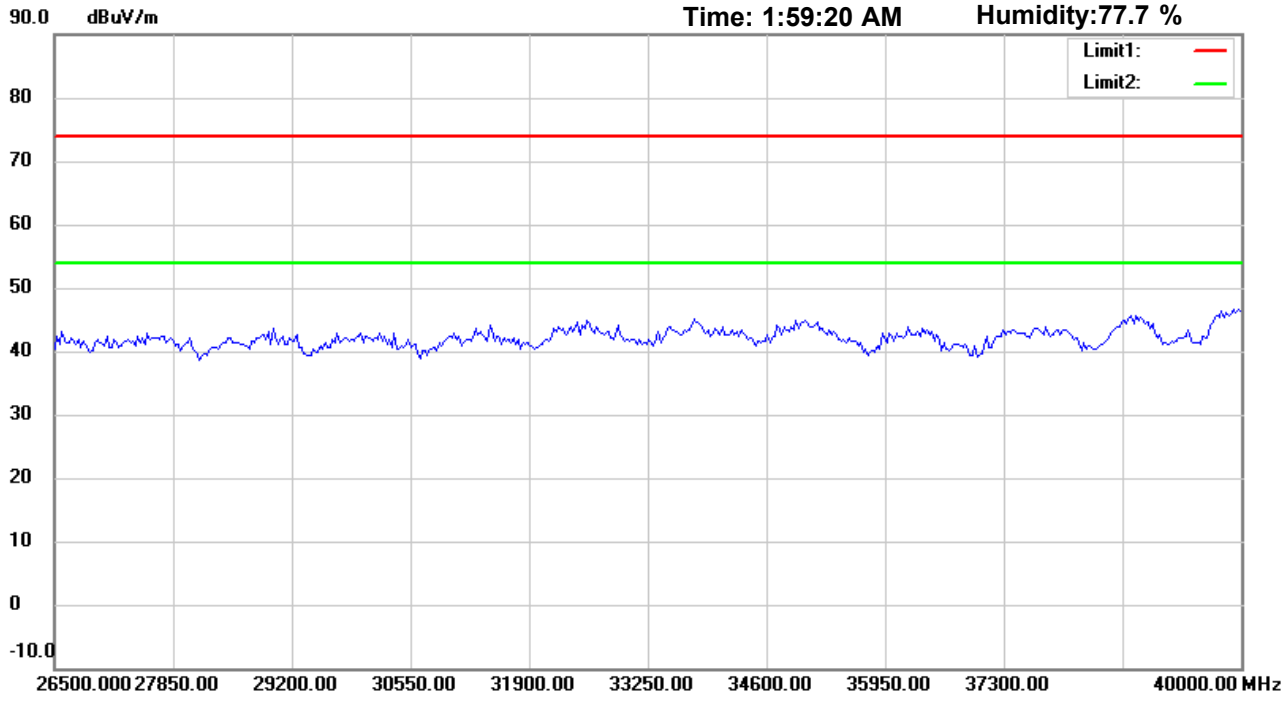
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 1:59:20 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

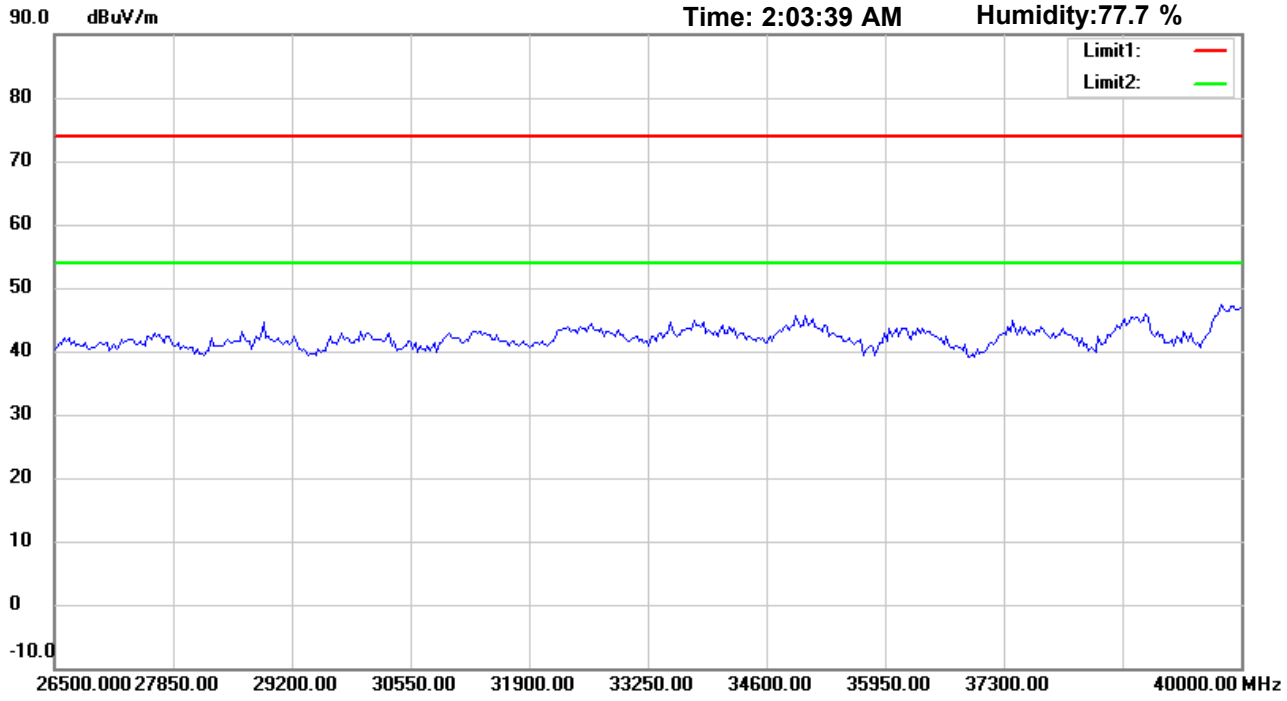
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/14/2018 Time: 2:03:39 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11a CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

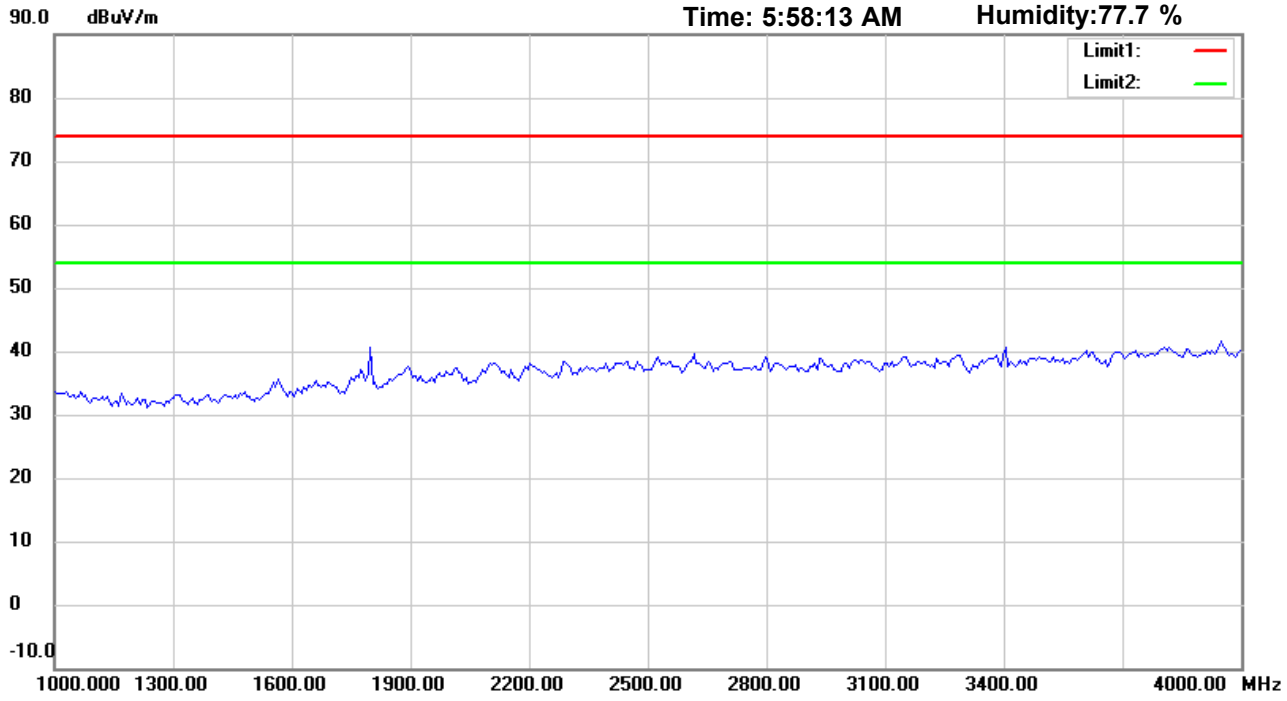
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/13/2018 Time: 5:58:13 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

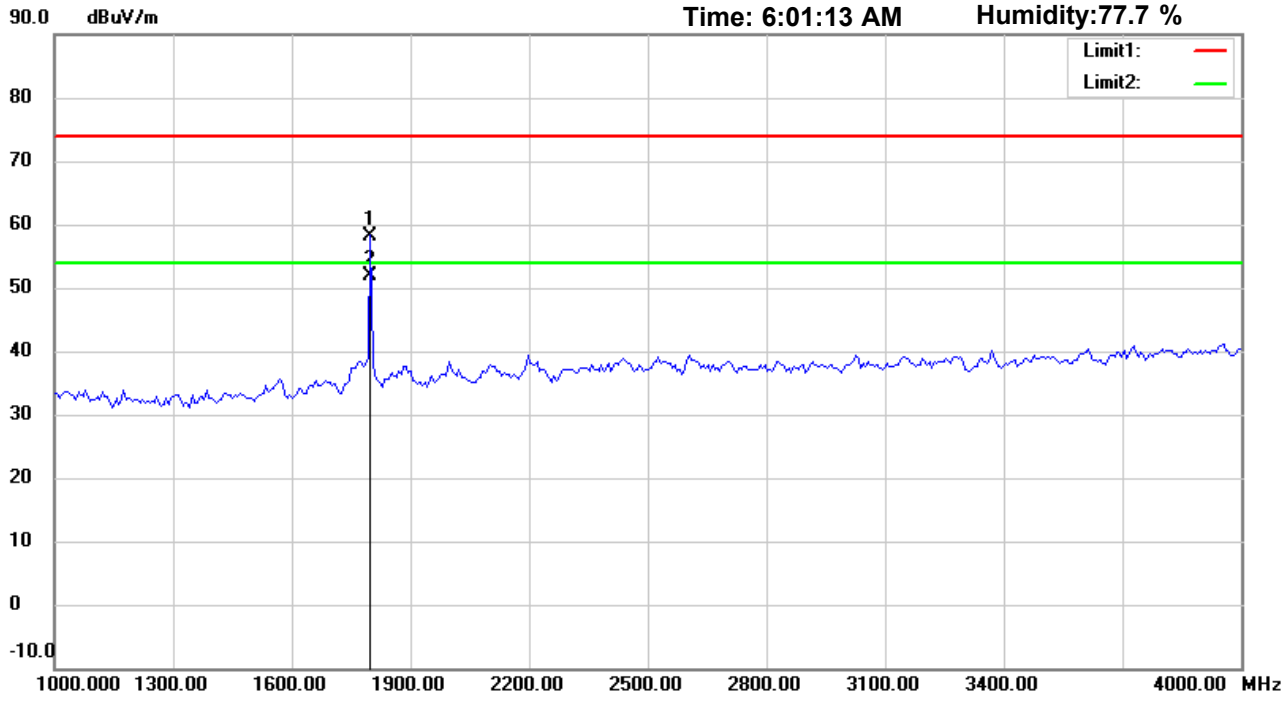
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/13/2018 Time: 6:01:13 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.69	peak	-6.52	58.17	74.00	150	130	-15.83	
*	1799.599	58.34	AVG	-6.52	51.82	54.00	150	130	-2.18	

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

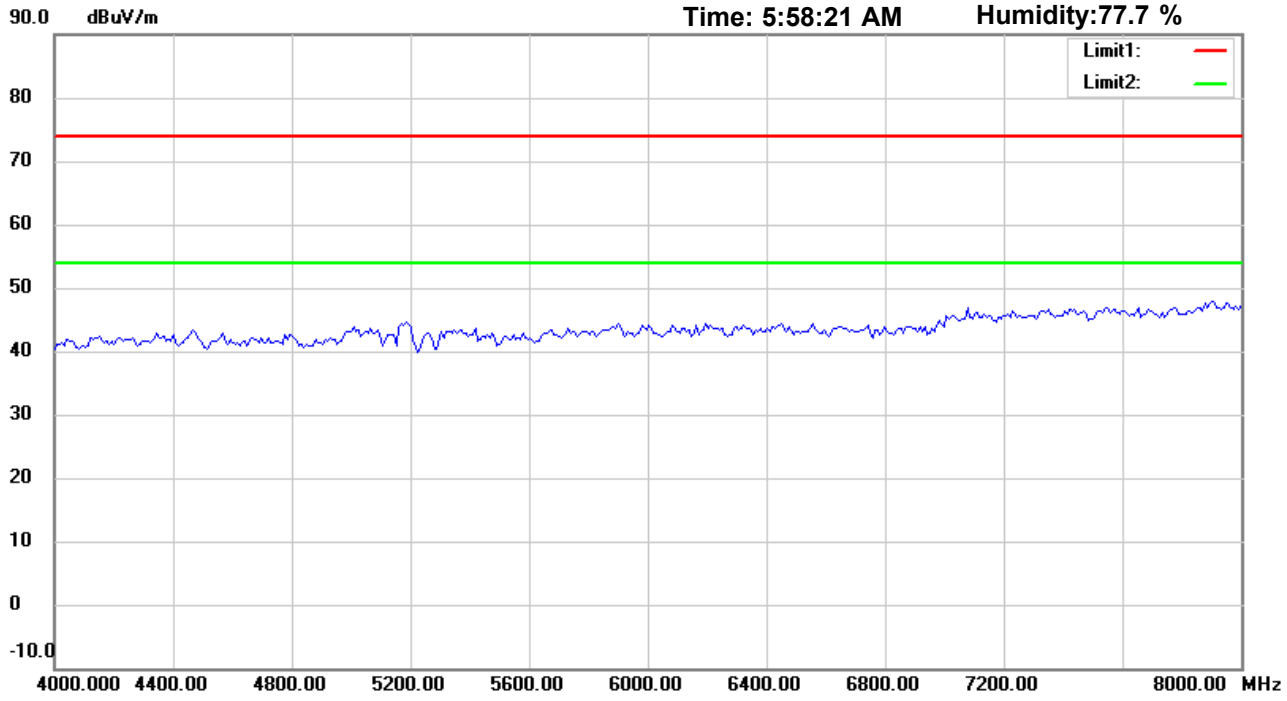
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/13/2018 Time: 5:58:21 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH36

Note :

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

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

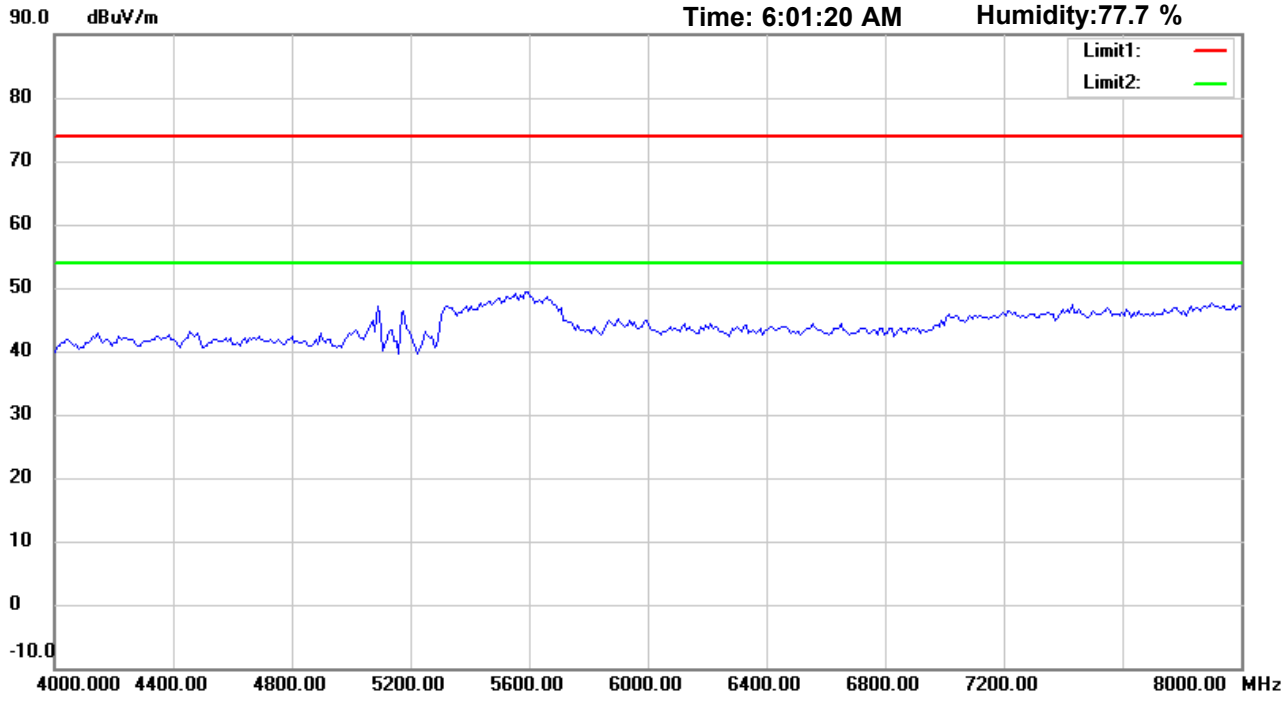
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/13/2018 Time: 6:01:20 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

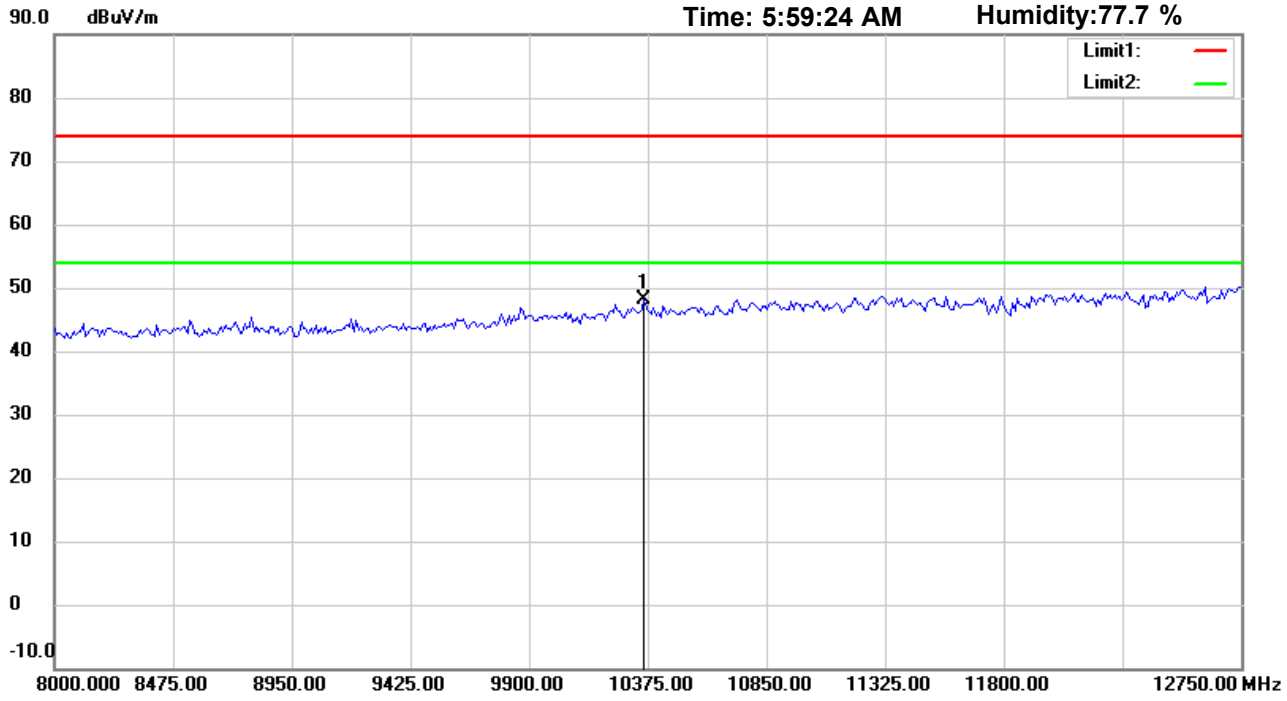
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/13/2018 Time: 5:59:24 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10360.000	37.73	peak	10.31	48.04	74.00	150	25	-25.96	

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

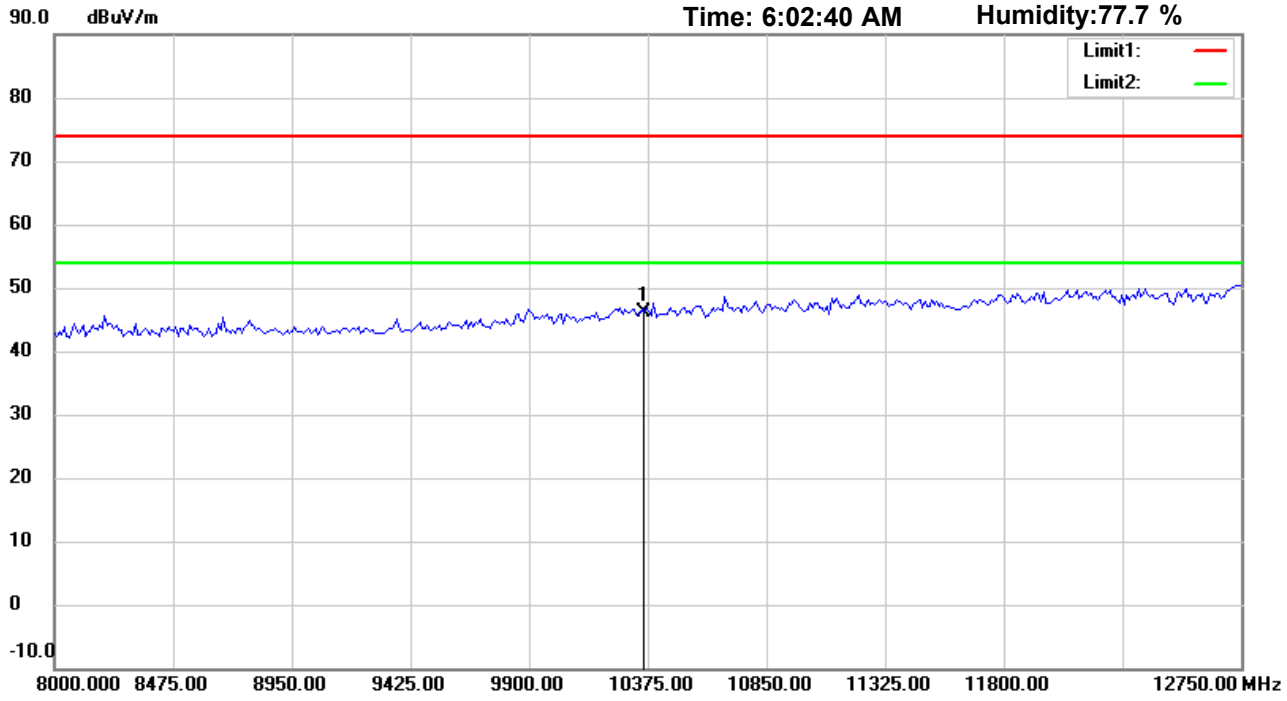
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/13/2018 Time: 6:02:40 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH36

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10360.000	35.80	peak	10.31	46.11	74.00	150	240	-27.89	

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

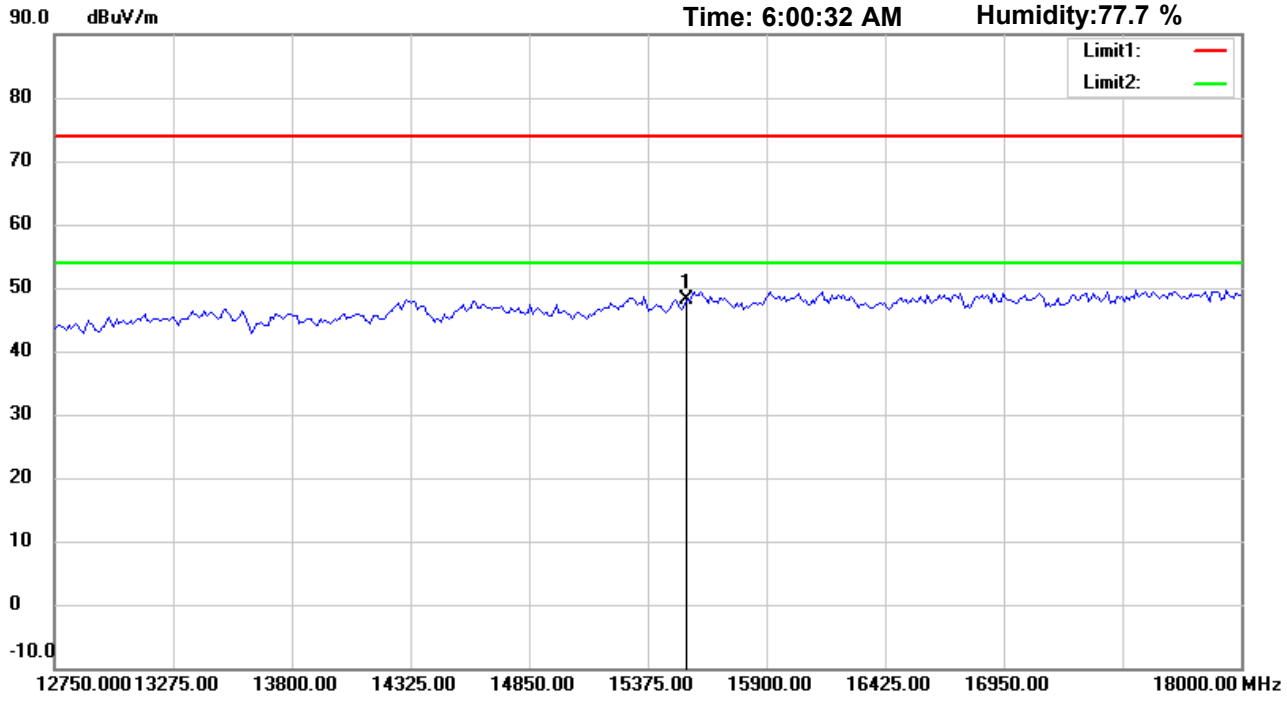
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/13/2018 Time: 6:00:32 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15540.000	28.06	peak	19.97	48.03	74.00	150	335	-25.97	

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

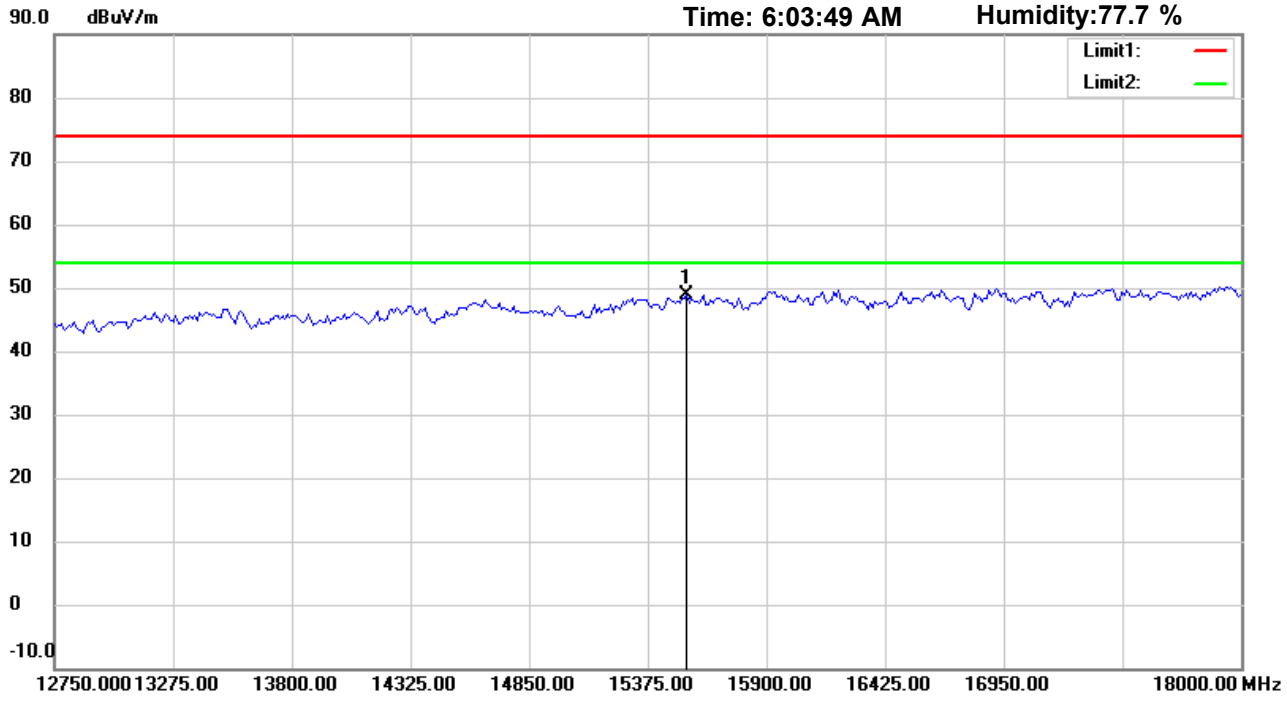
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/13/2018 Time: 6:03:49 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15540.000	28.80	peak	19.97	48.77	74.00	150	30	-25.23	

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

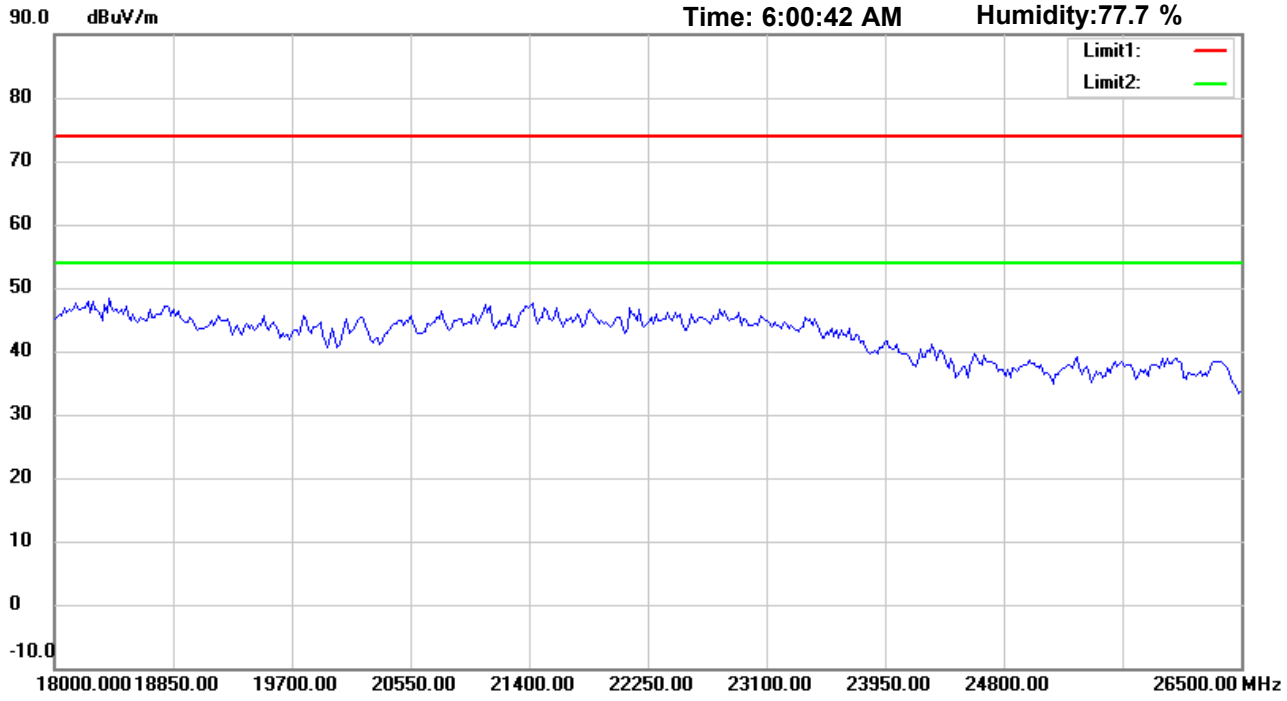
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/13/2018 Time: 6:00:42 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

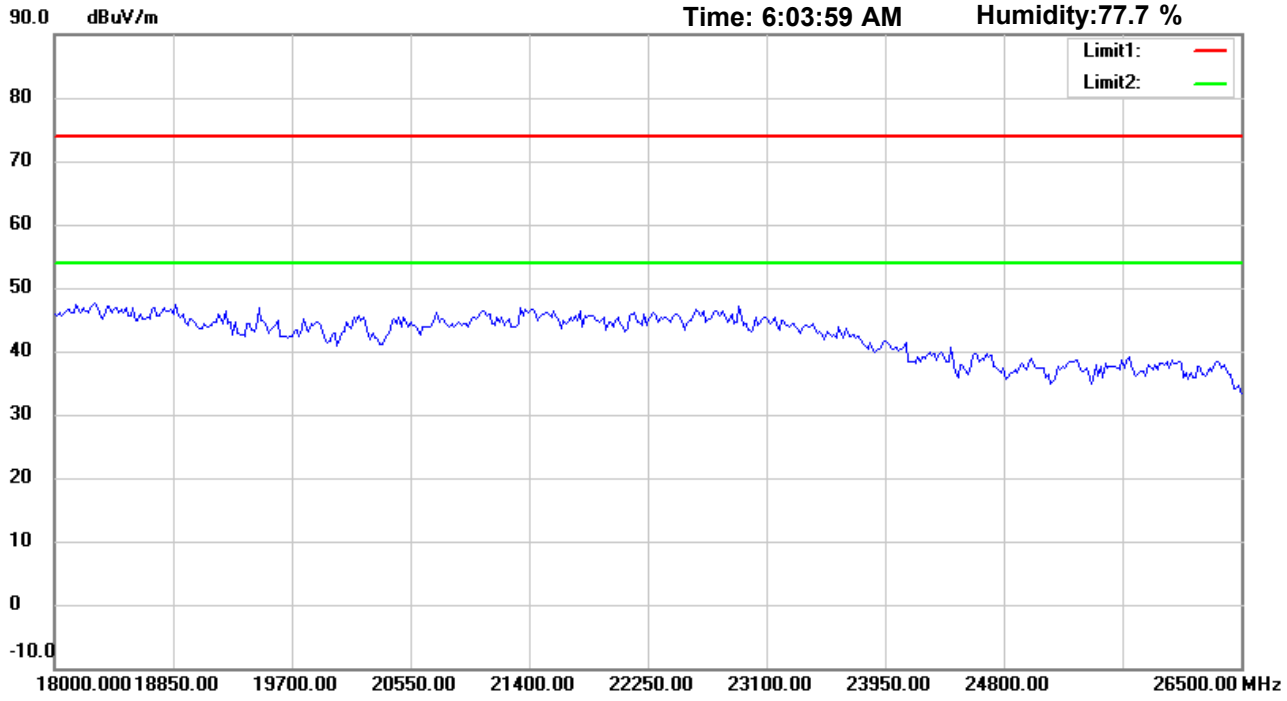
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/13/2018 Time: 6:03:59 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH36

Note :

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

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

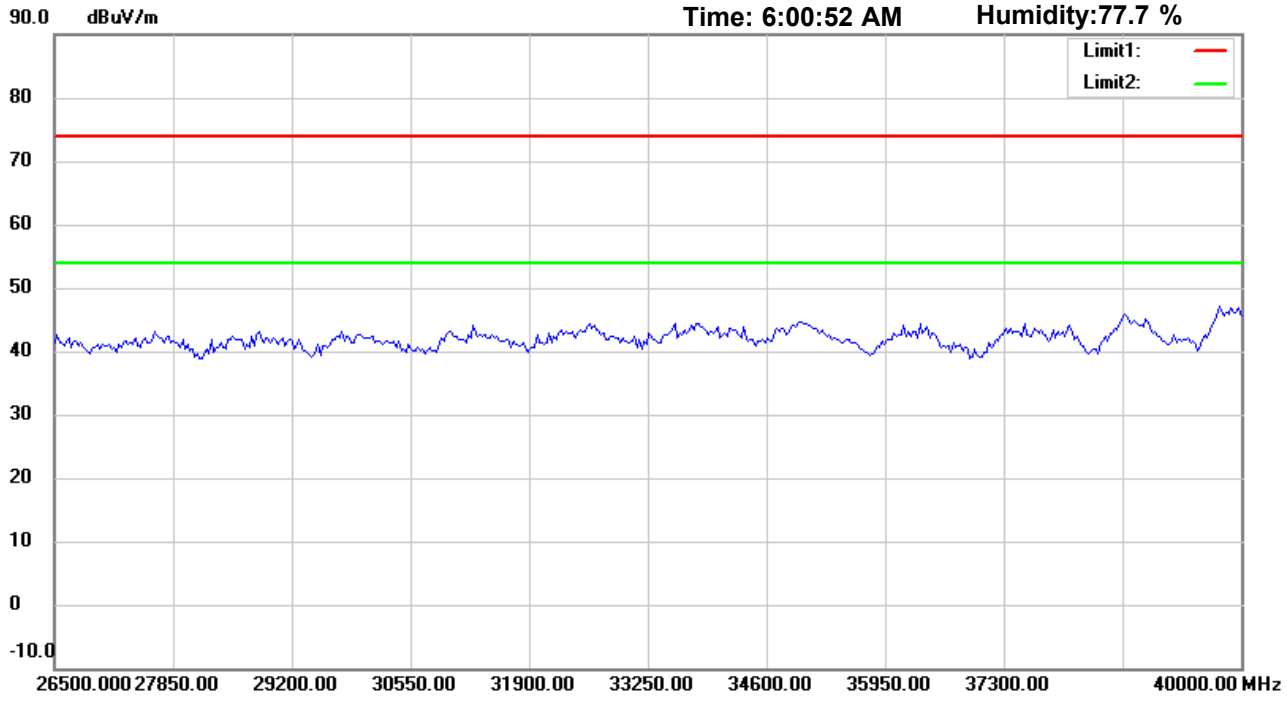
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/13/2018 Time: 6:00:52 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

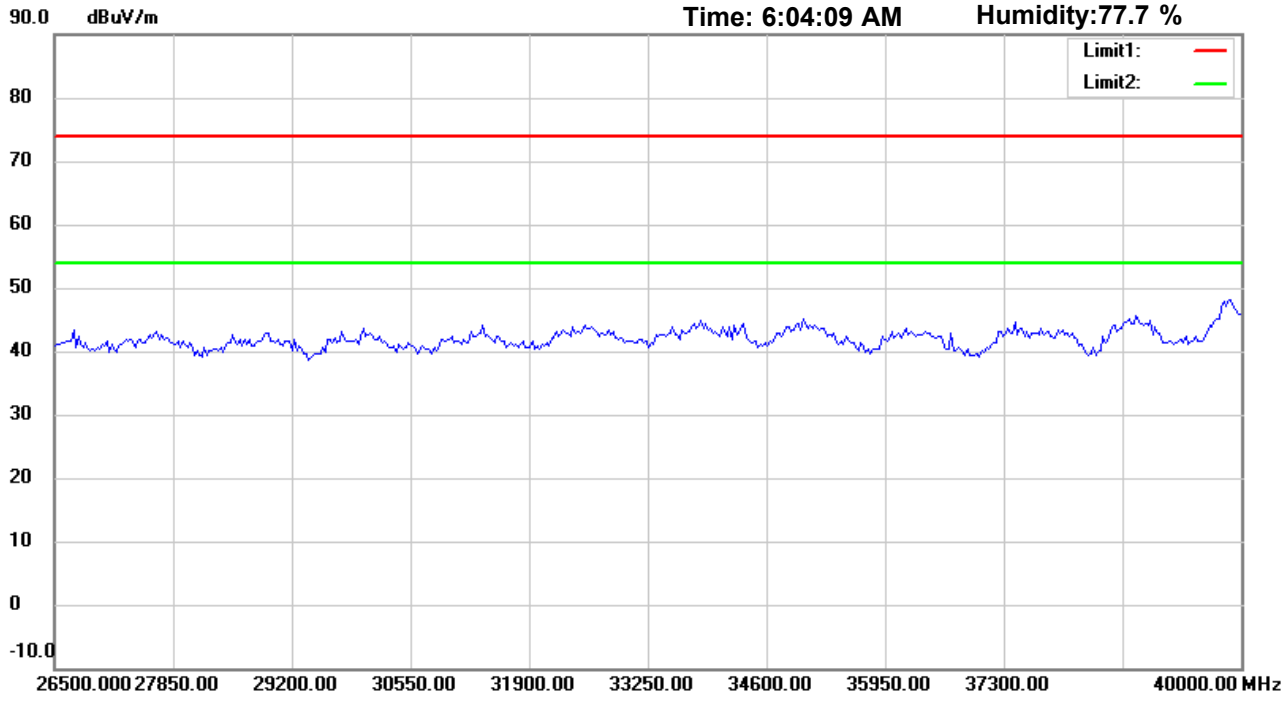
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/13/2018 Time: 6:04:09 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

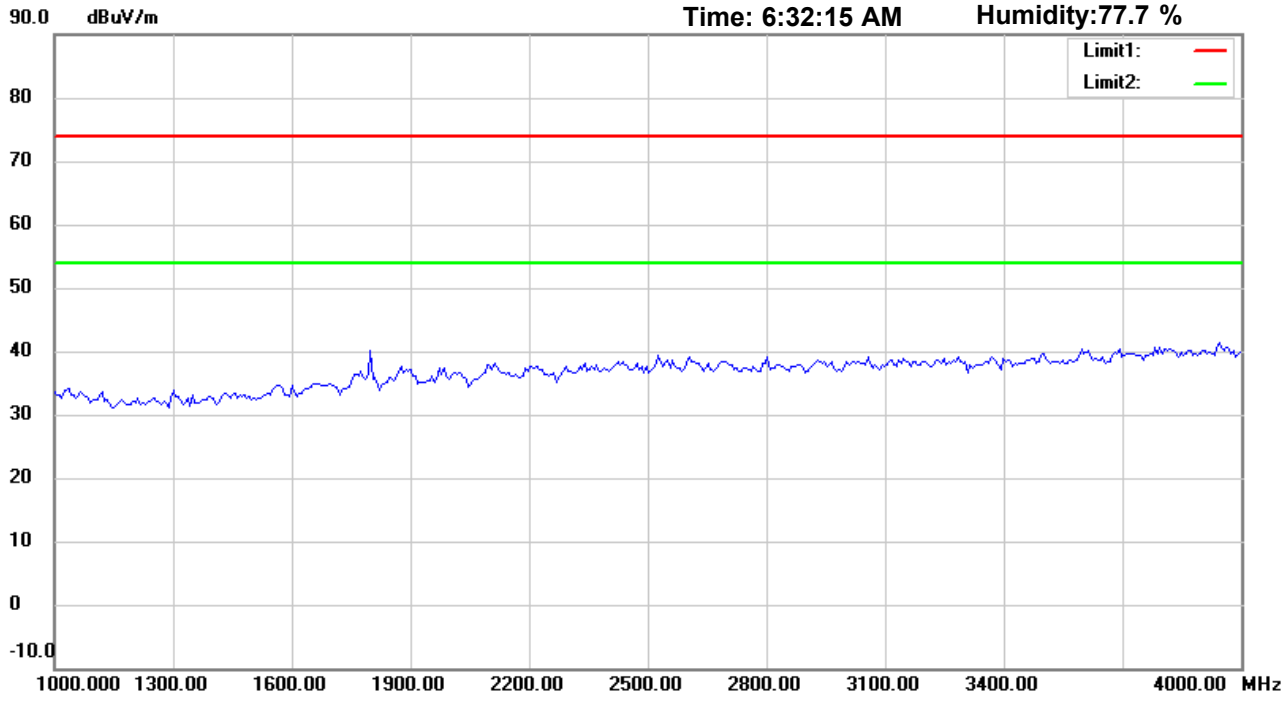
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/13/2018 Time: 6:32:15 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

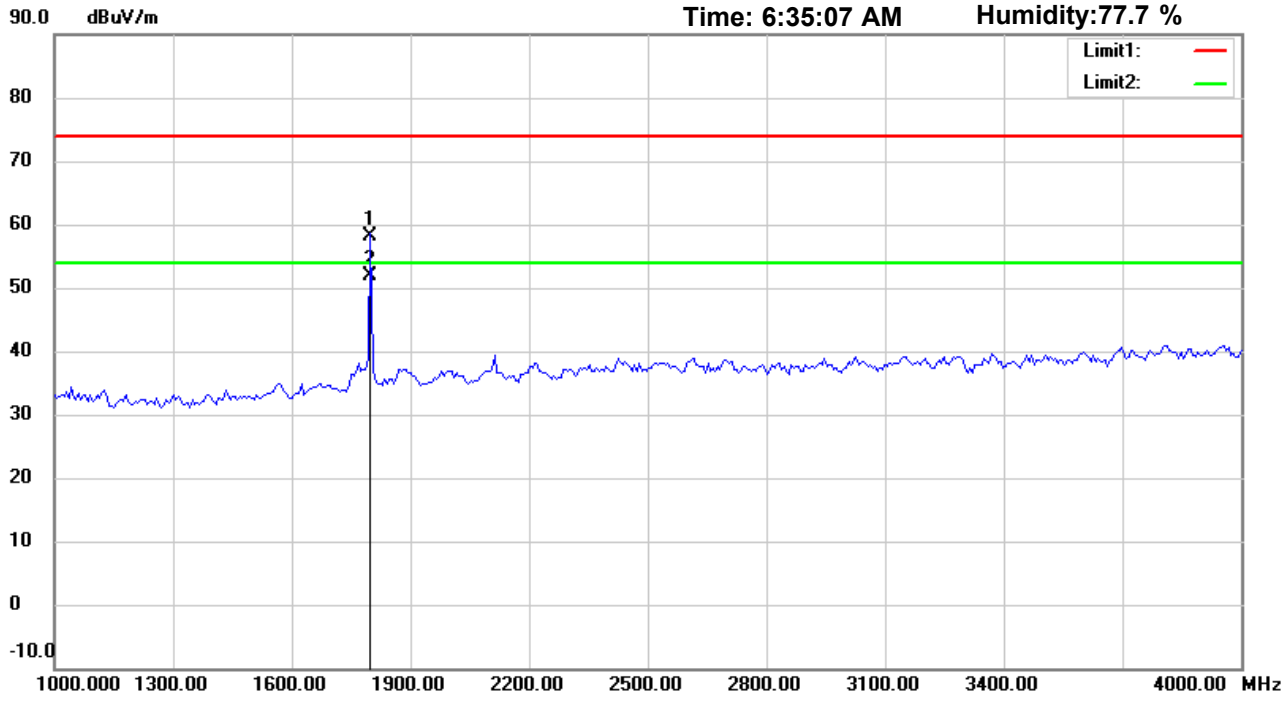
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/13/2018 Time: 6:35:07 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.75	peak	-6.52	58.23	74.00	165	290	-15.77	
*	1799.599	58.37	AVG	-6.52	51.85	54.00	165	290	-2.15	

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

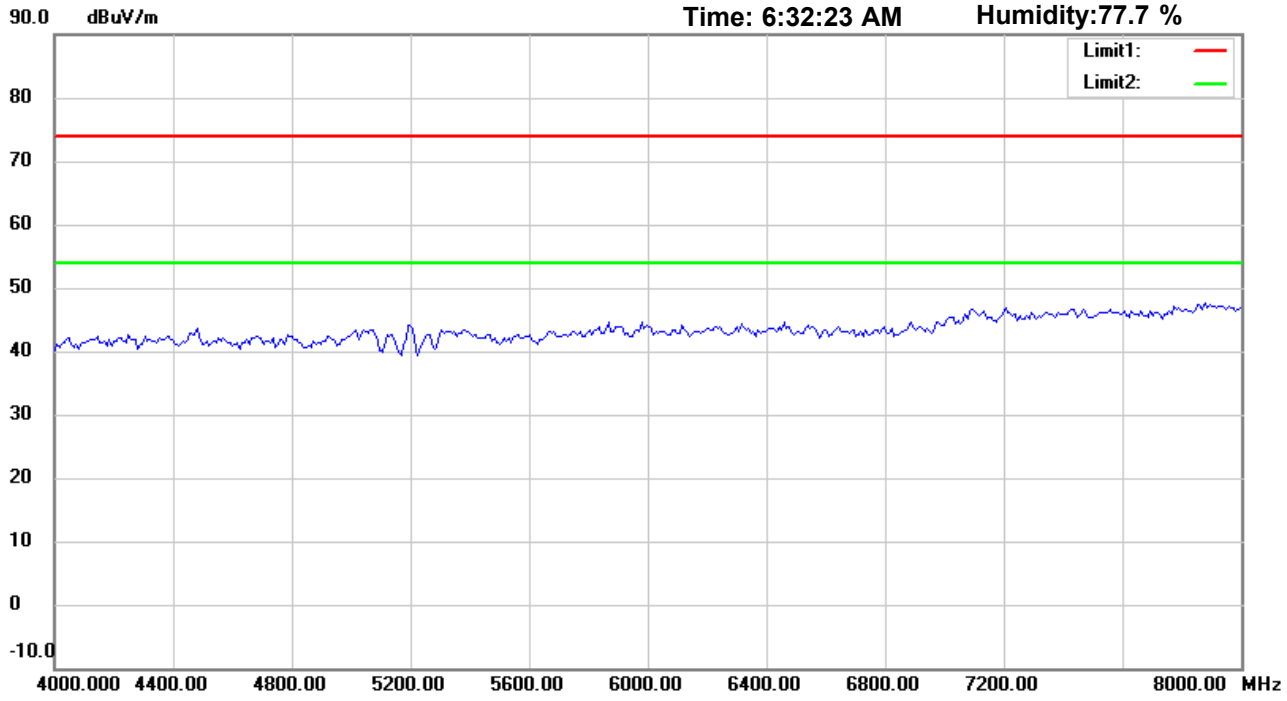
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/13/2018 Time: 6:32:23 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

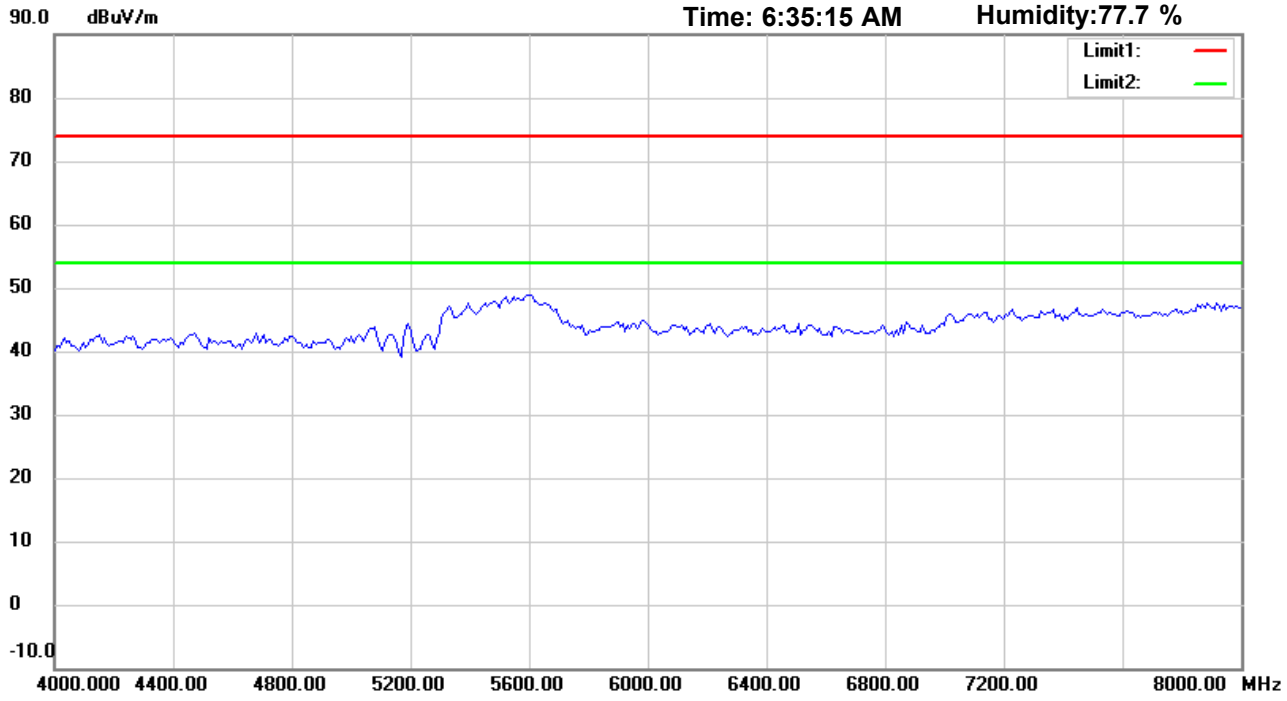
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/13/2018 Time: 6:35:15 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

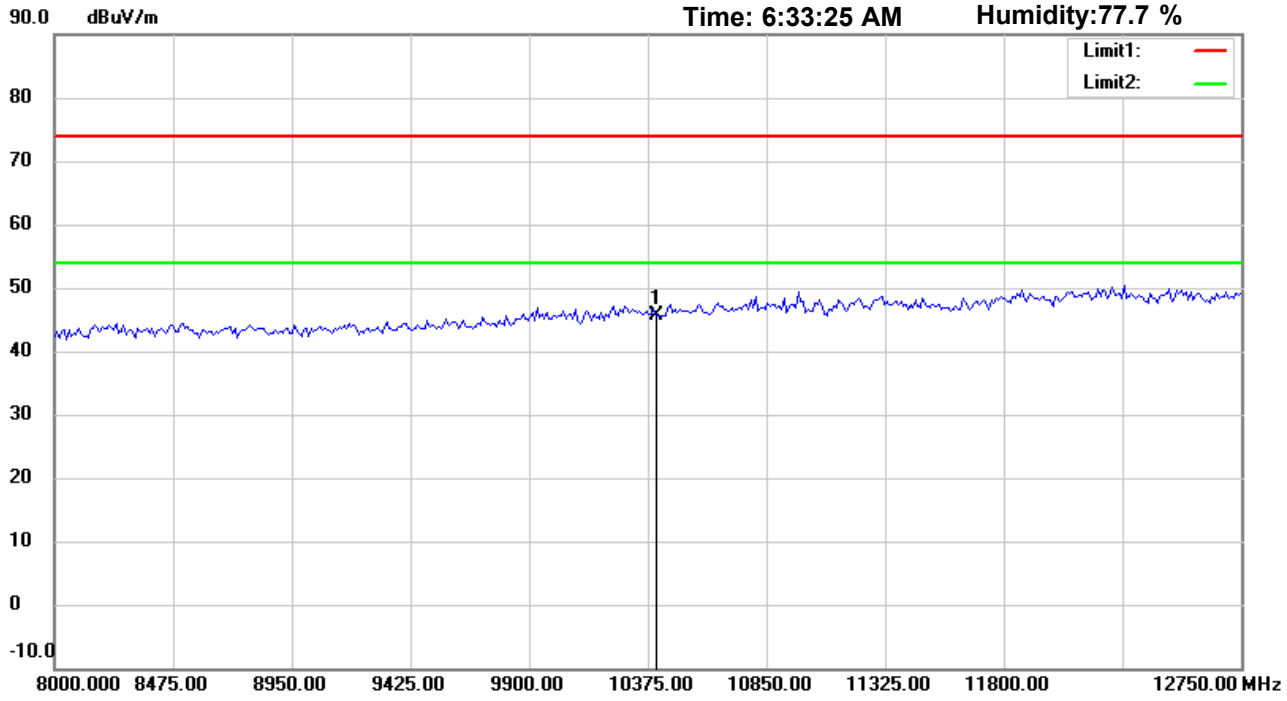
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/13/2018 Time: 6:33:25 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10400.000	35.52	peak	10.19	45.71	74.00	150	165	-28.29	

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

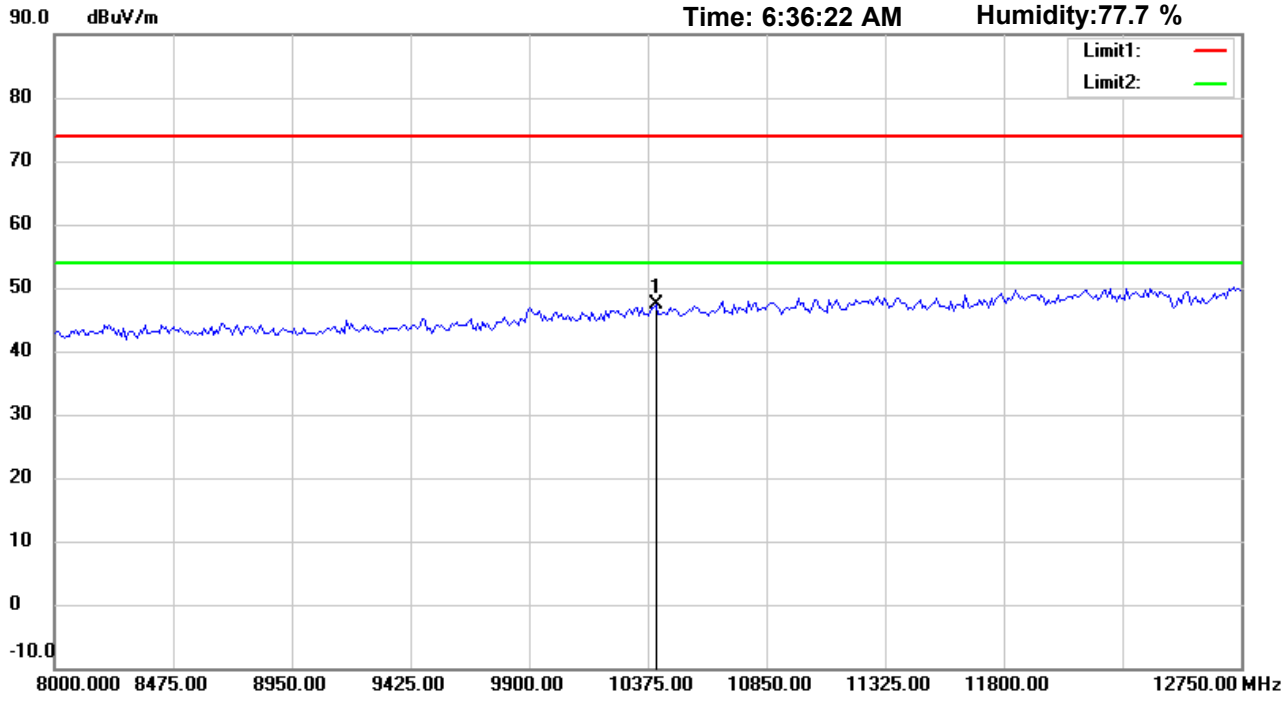
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/13/2018 Time: 6:36:22 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH40

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10400.000	37.18	peak	10.19	47.37	74.00	150	40	-26.63	

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

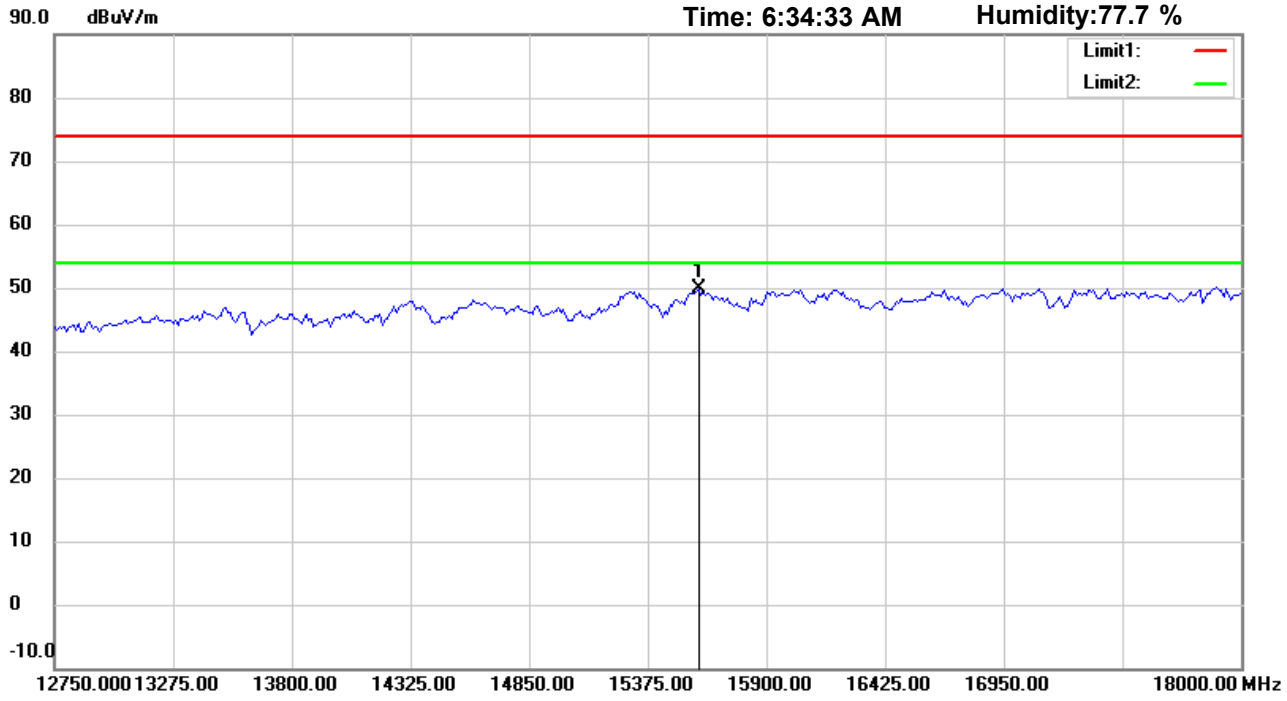
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/13/2018 Time: 6:34:33 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15600.000	28.57	peak	21.25	49.82	74.00	150	95	-24.18	

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

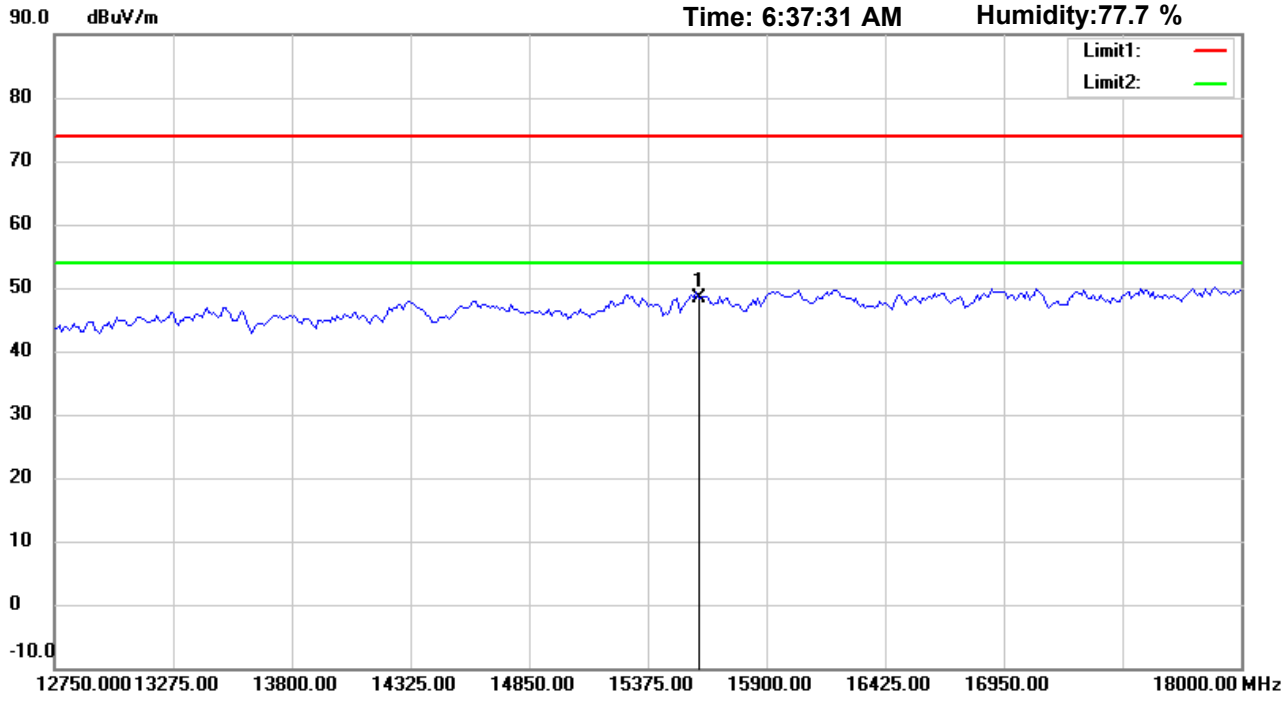
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/13/2018 Time: 6:37:31 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15600.000	27.08	peak	21.25	48.33	74.00	150	110	-25.67	

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

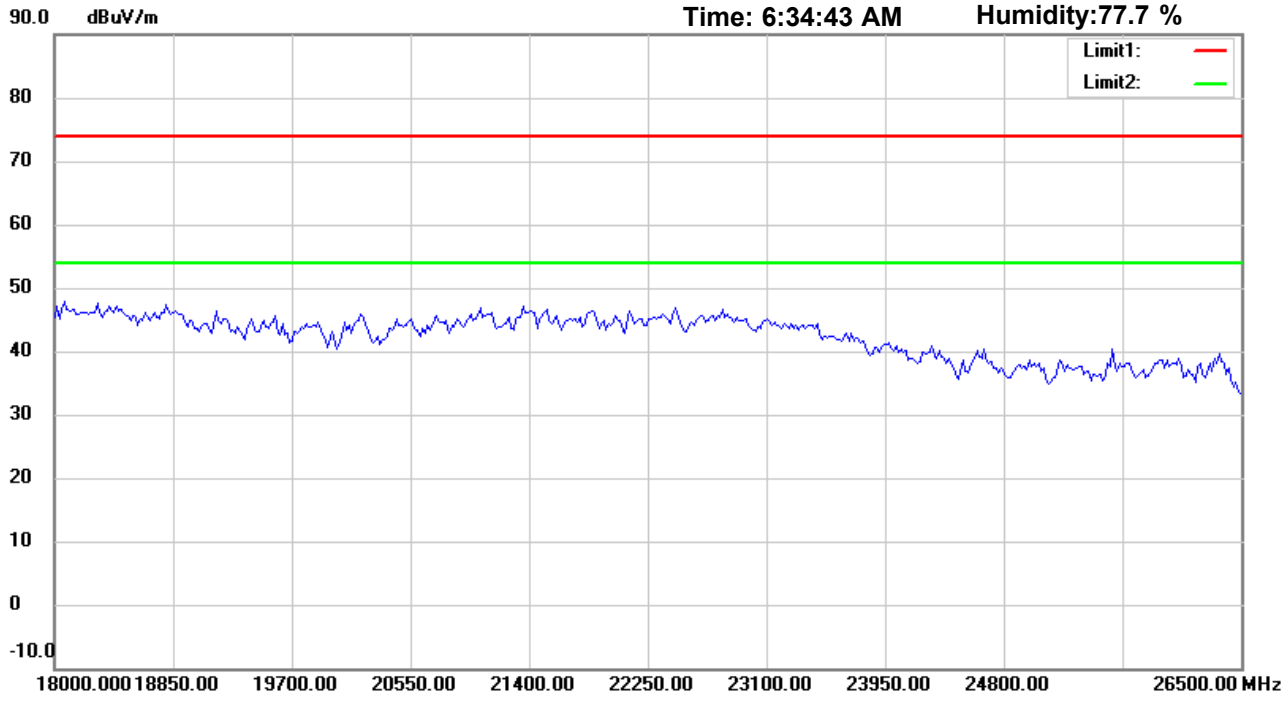
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/13/2018 Time: 6:34:43 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH40

Note :

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

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

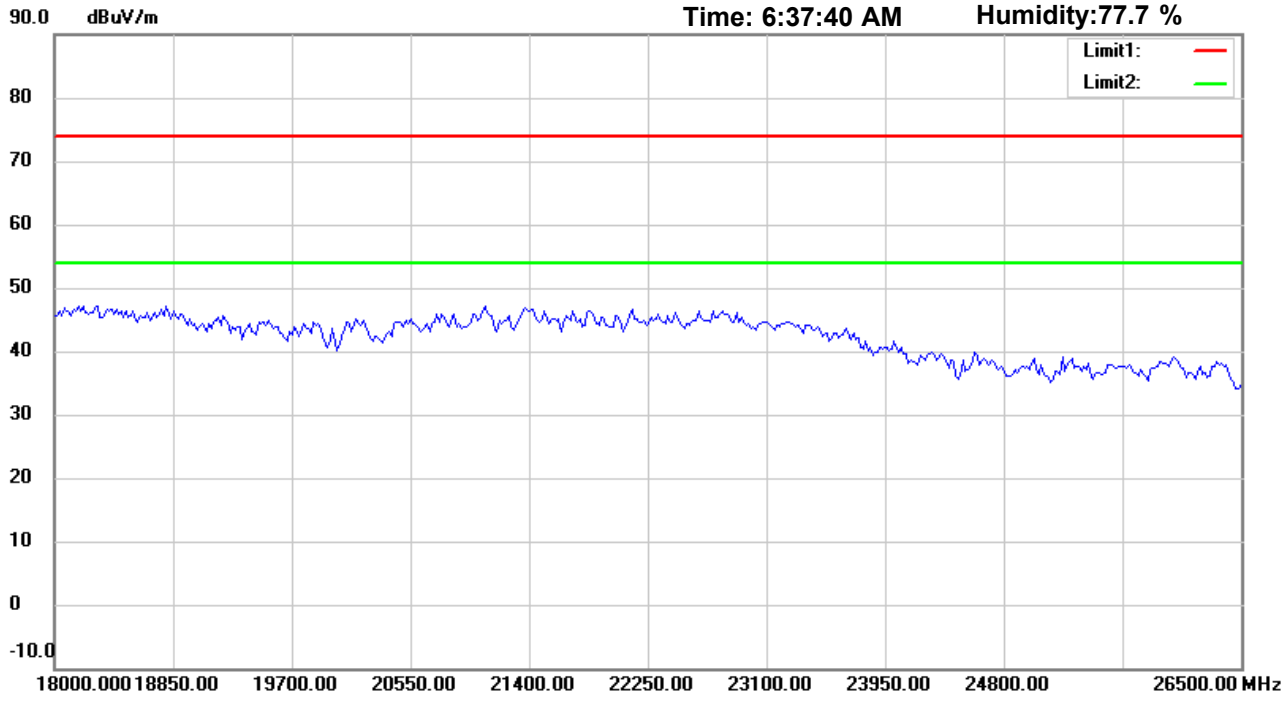
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/13/2018 Time: 6:37:40 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

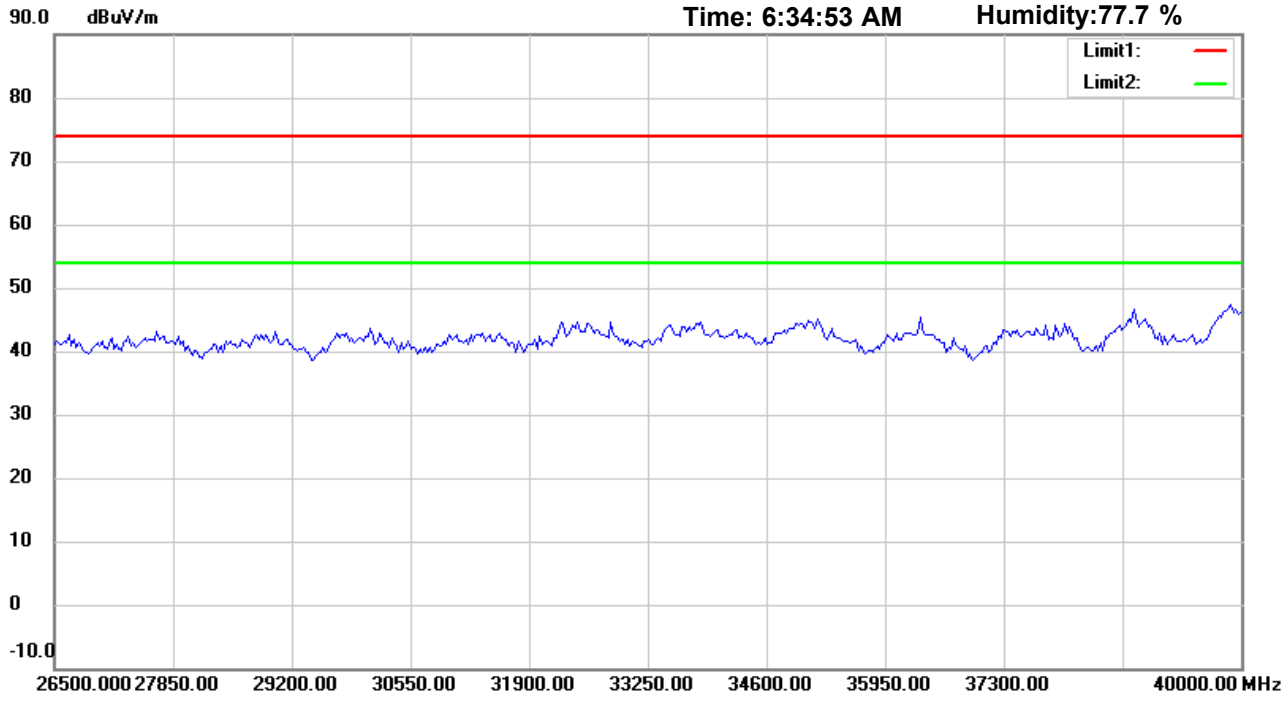
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/13/2018 Time: 6:34:53 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

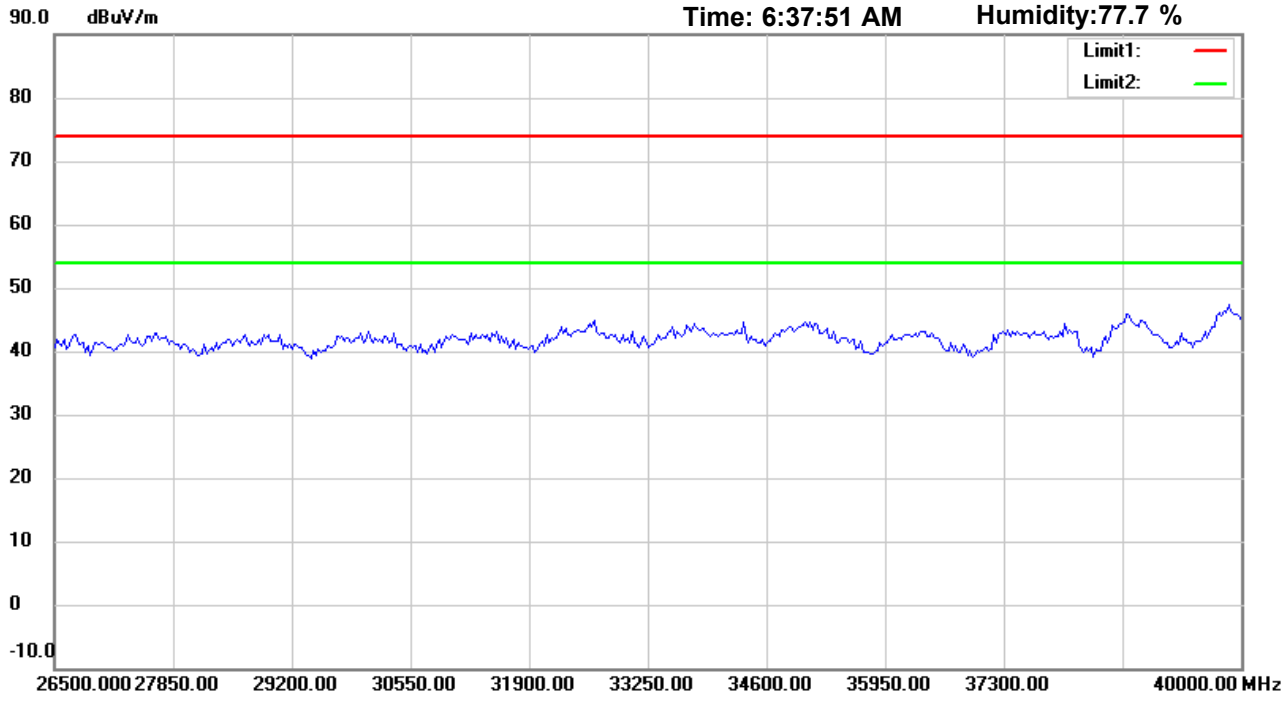
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/13/2018 Time: 6:37:51 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH40

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

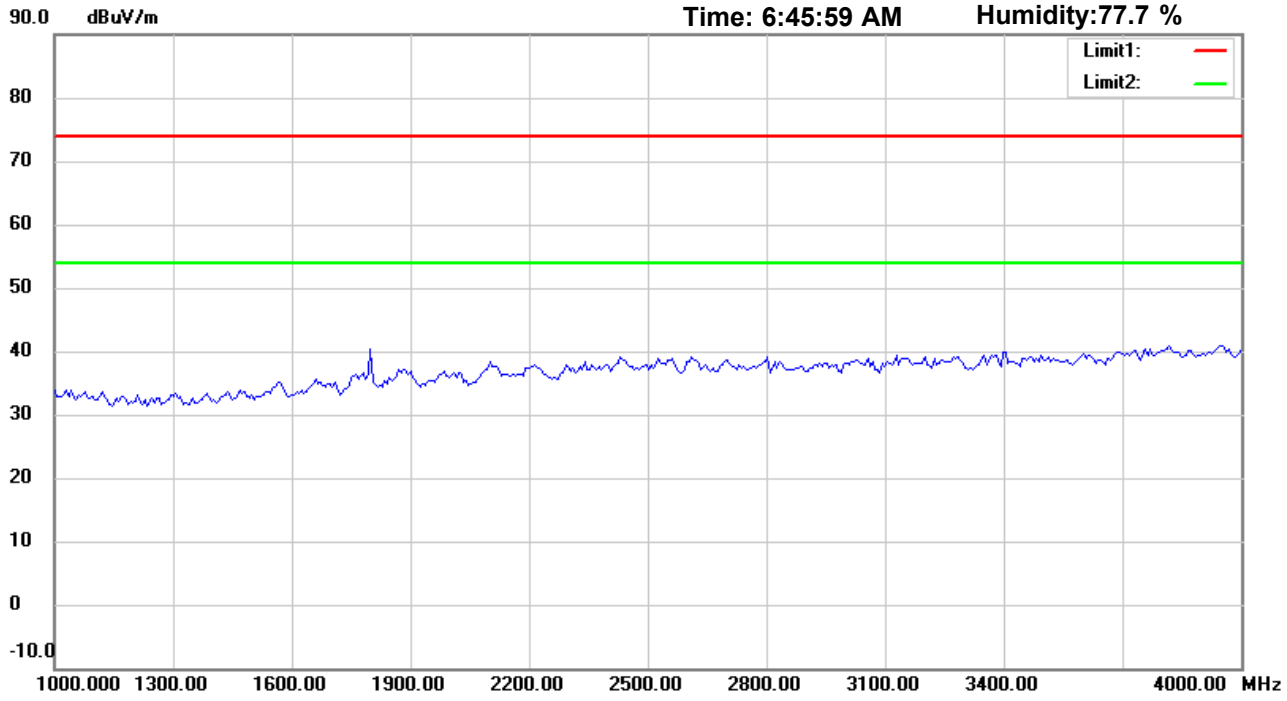
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/13/2018 Time: 6:45:59 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

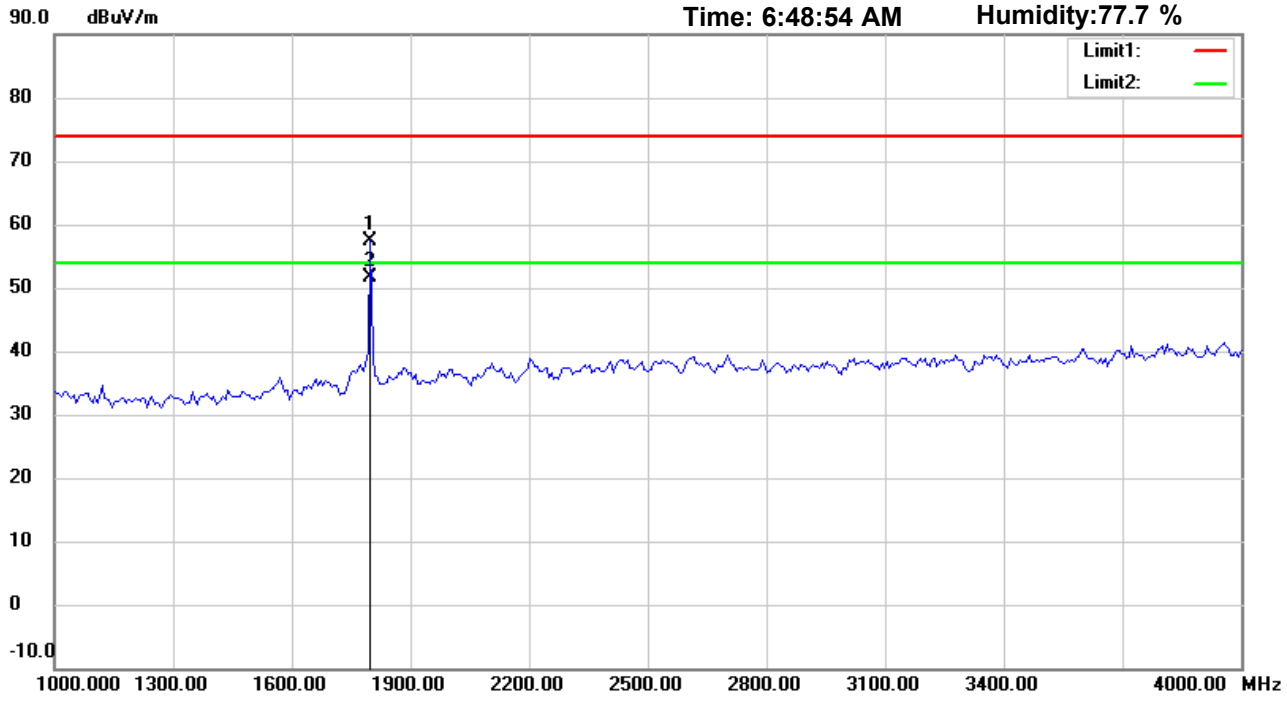
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/13/2018 Time: 6:48:54 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	63.80	peak	-6.52	57.28	74.00	170	80	-16.72	
*	1799.599	58.17	AVG	-6.52	51.65	54.00	170	80	-2.35	

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

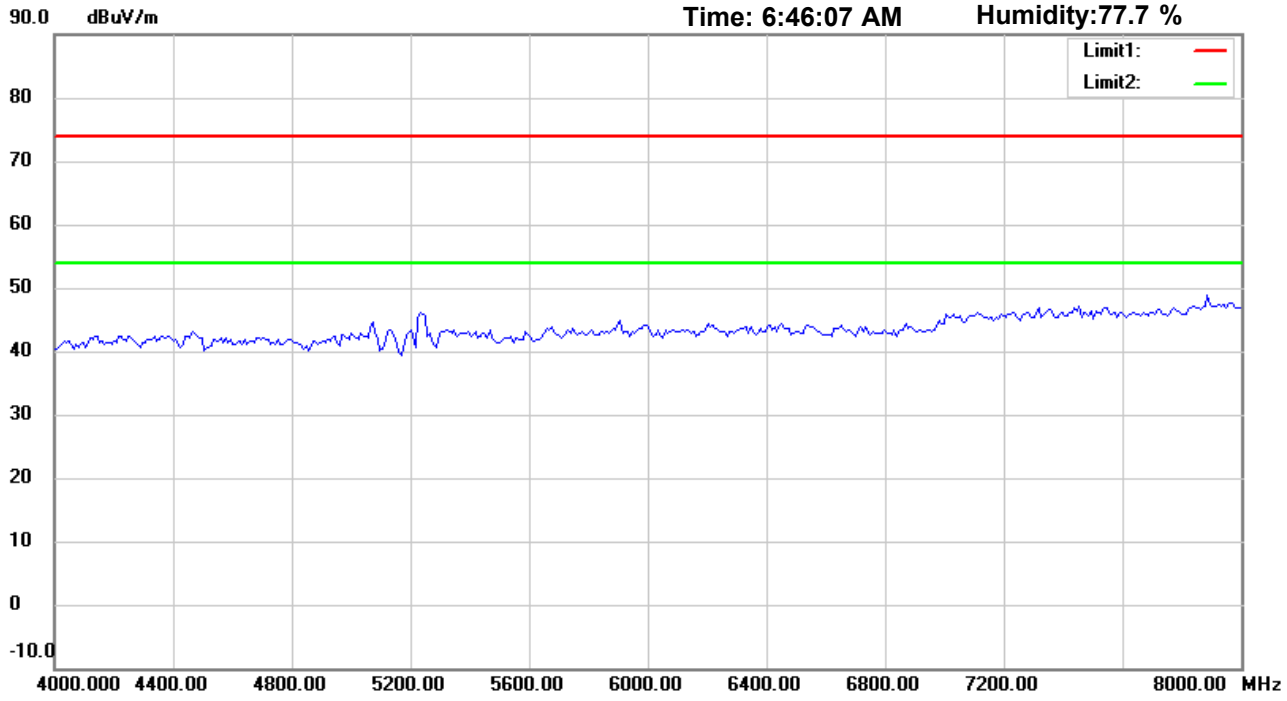
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/13/2018 Time: 6:46:07 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

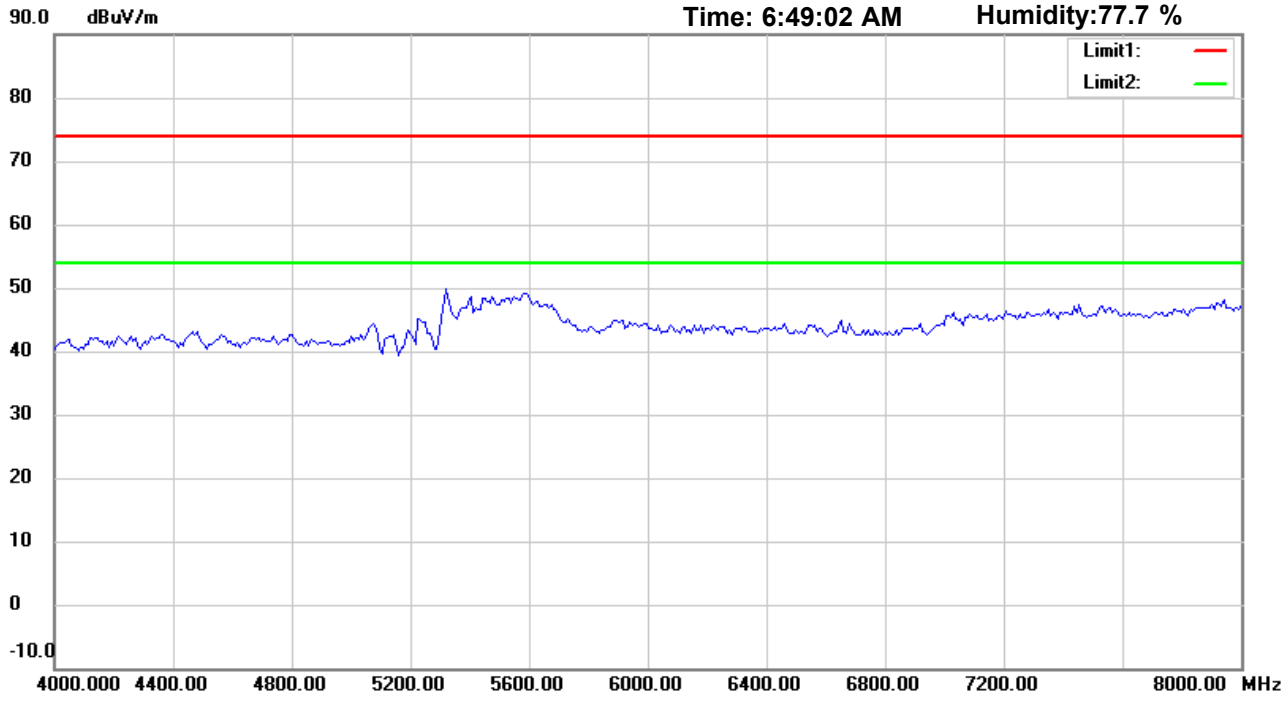
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/13/2018 Time: 6:49:02 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH48

Note :

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

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

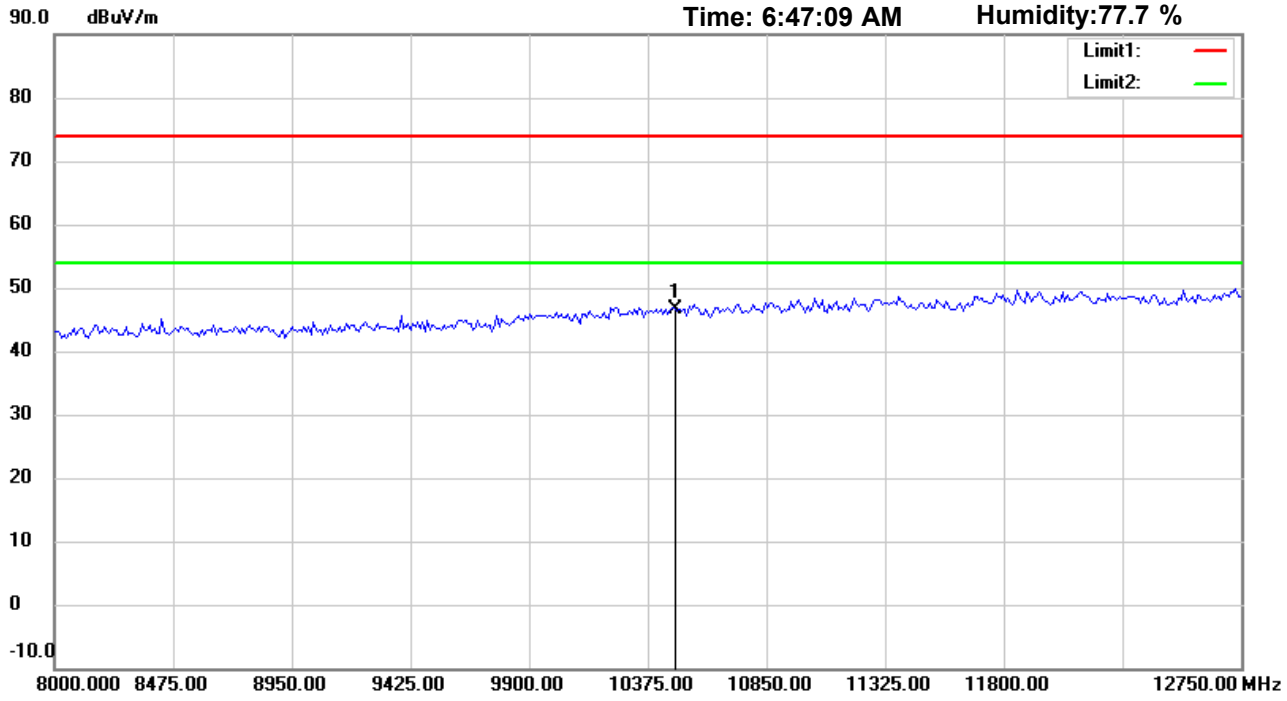
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/13/2018 Time: 6:47:09 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10480.000	35.61	peak	10.94	46.55	74.00	150	315	-27.45	

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

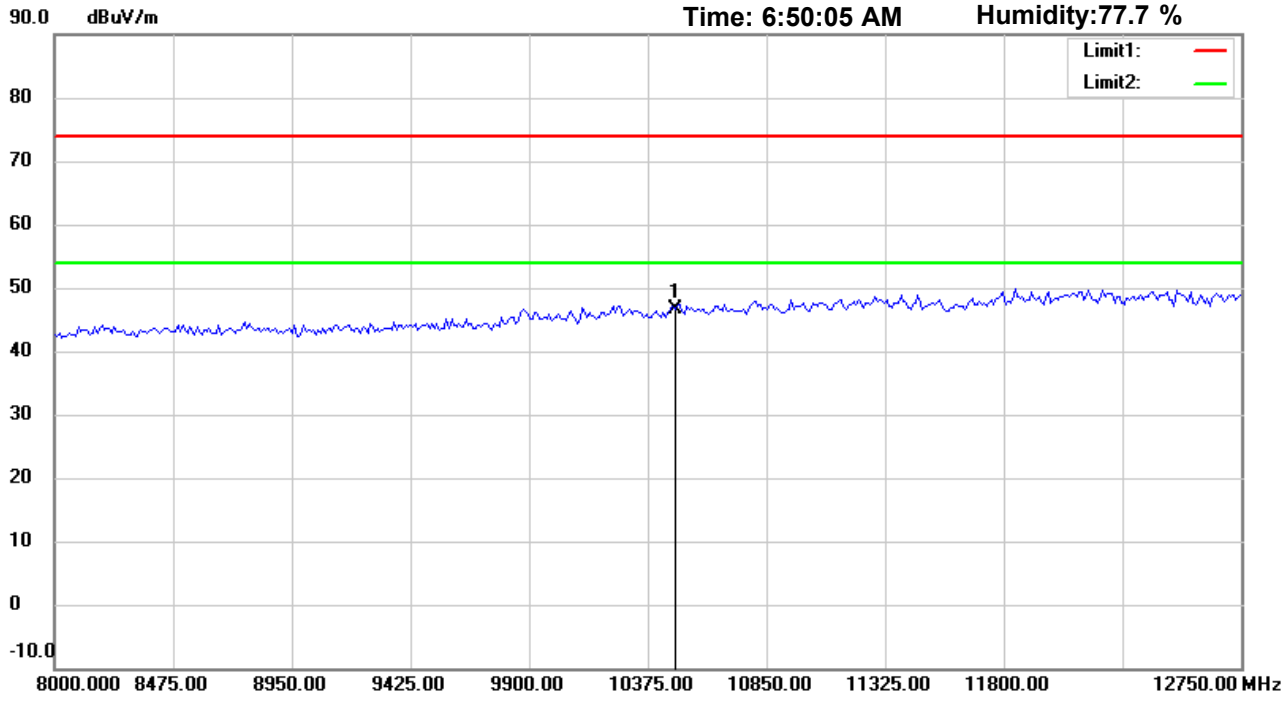
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/13/2018 Time: 6:50:05 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10480.000	35.75	peak	10.94	46.69	74.00	150	145	-27.31	

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

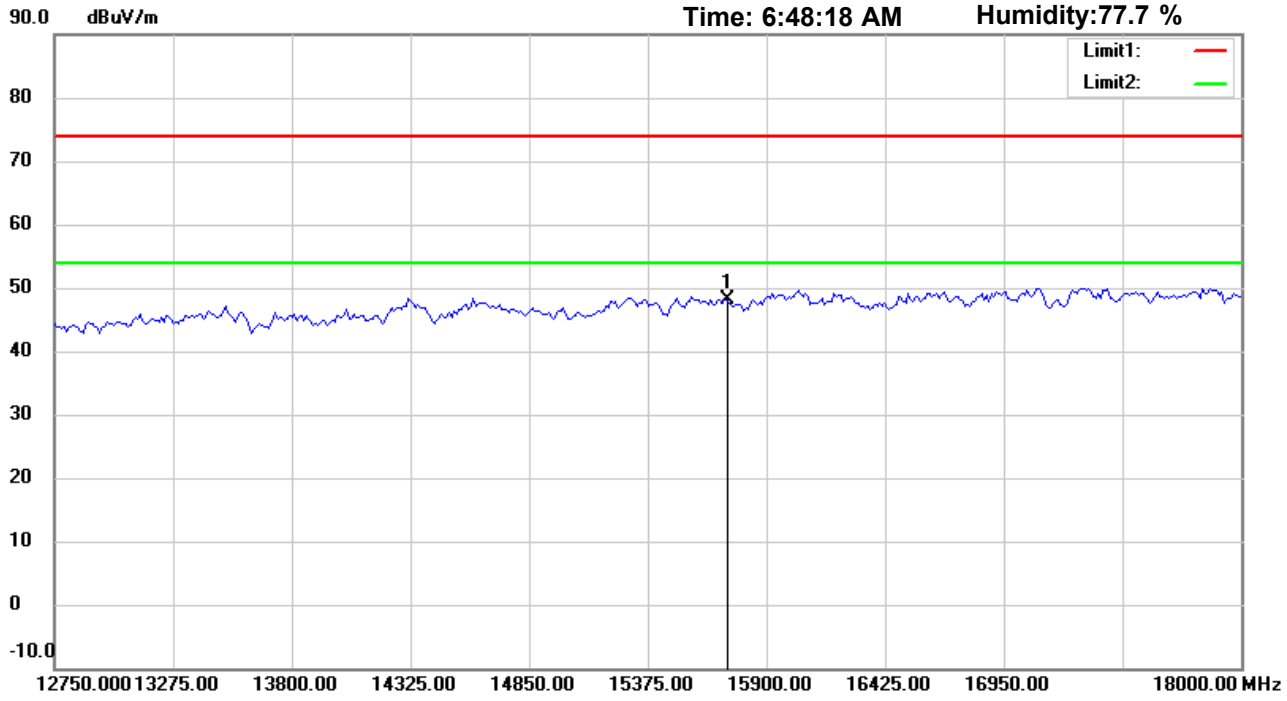
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/13/2018 Time: 6:48:18 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15720.000	29.16	peak	18.86	48.02	74.00	150	75	-25.98	

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

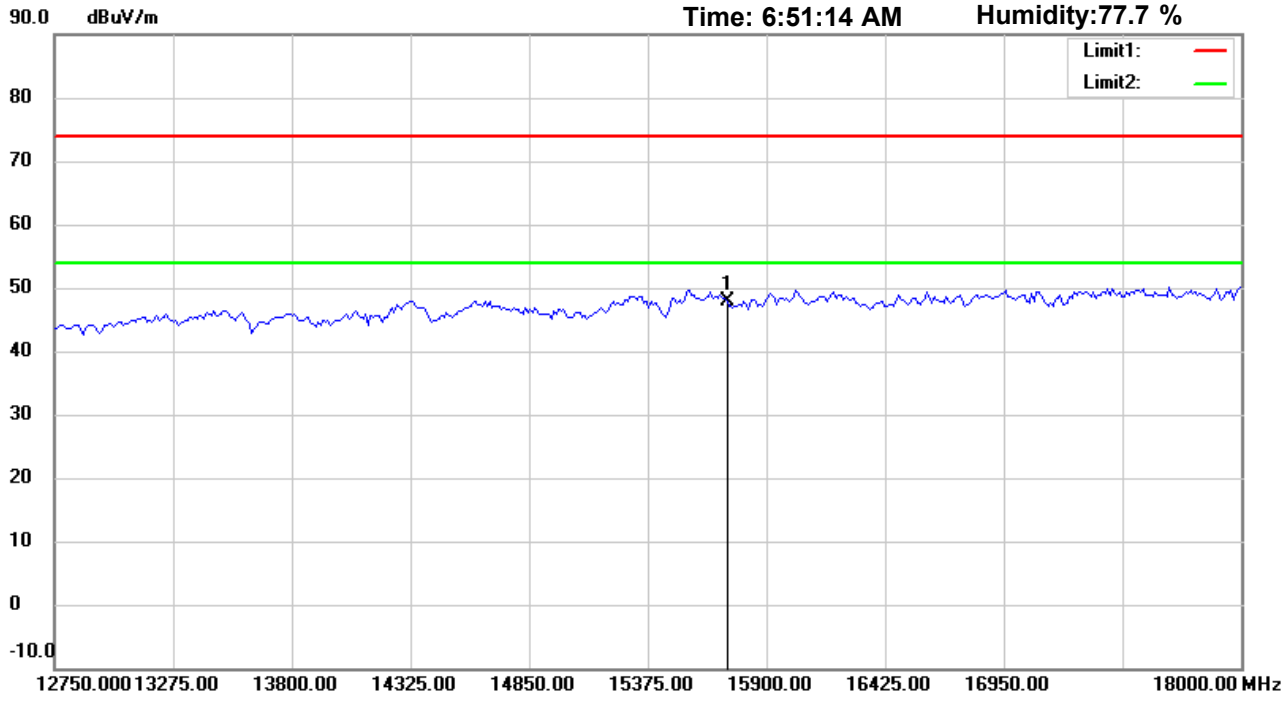
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/13/2018 Time: 6:51:14 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15720.000	29.00	peak	18.86	47.86	74.00	150	0	-26.14	

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

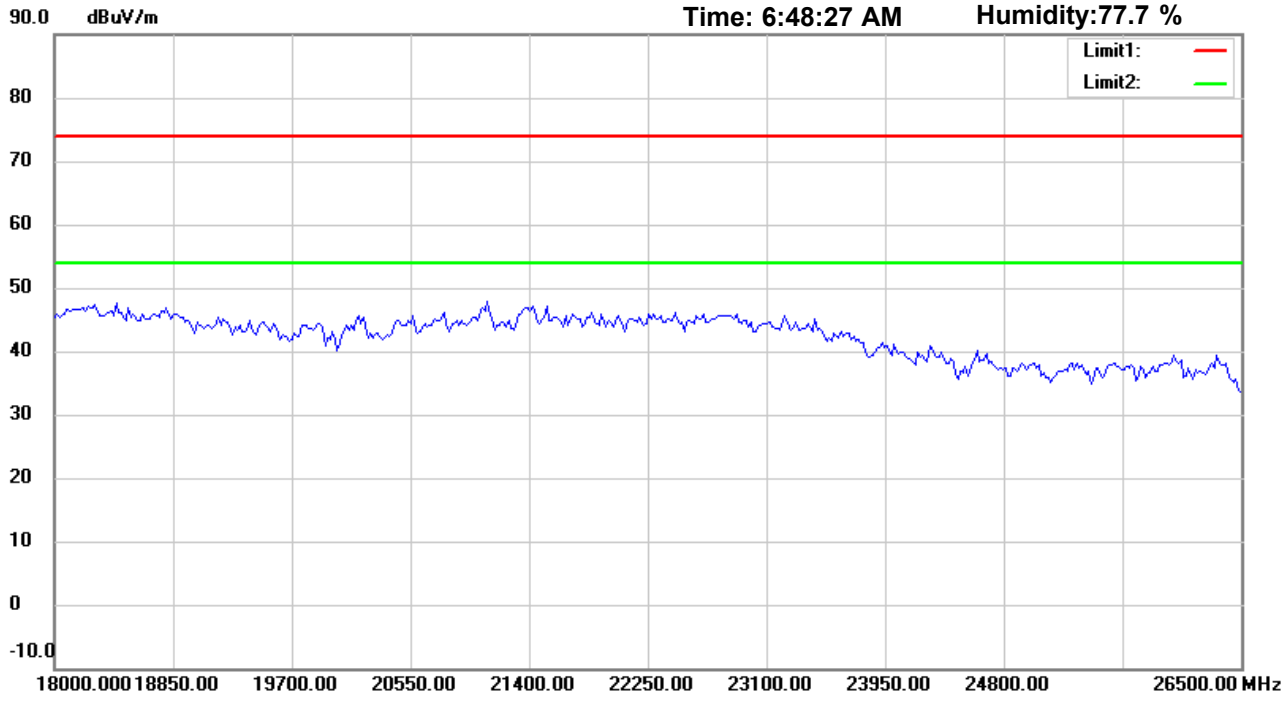
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/13/2018 Time: 6:48:27 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

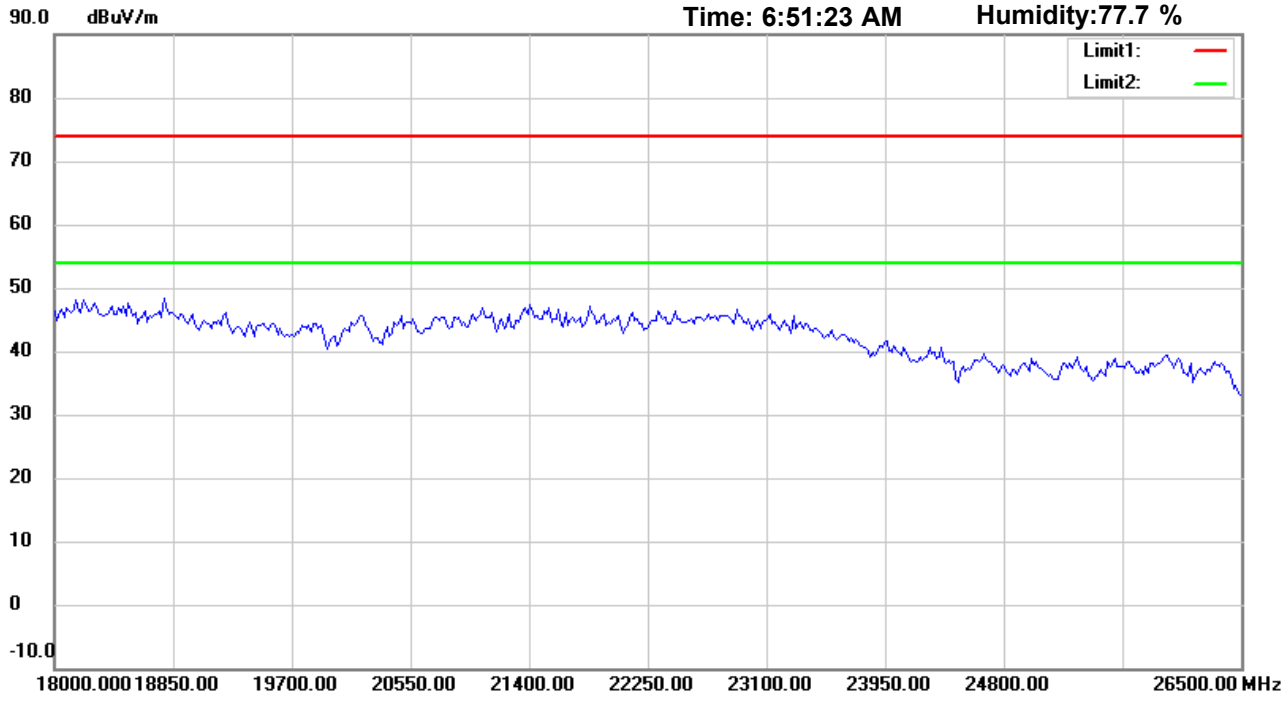
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/13/2018 Time: 6:51:23 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

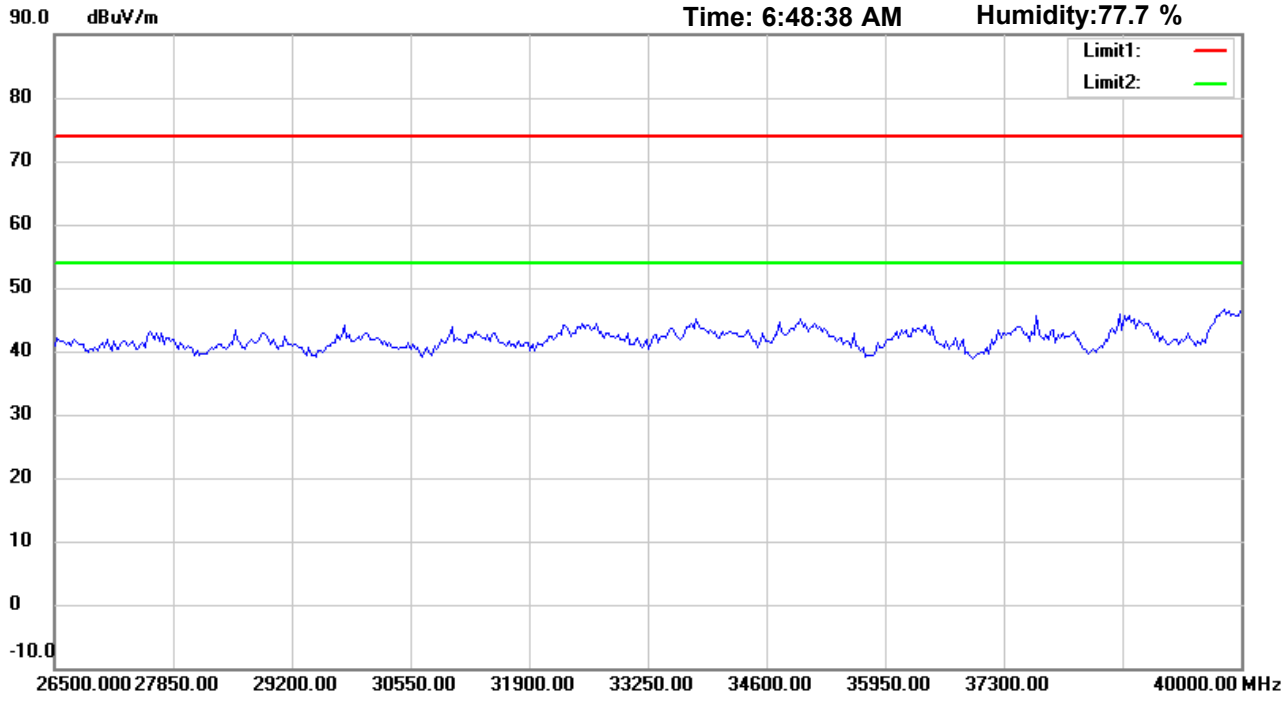
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/13/2018 Time: 6:48:38 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

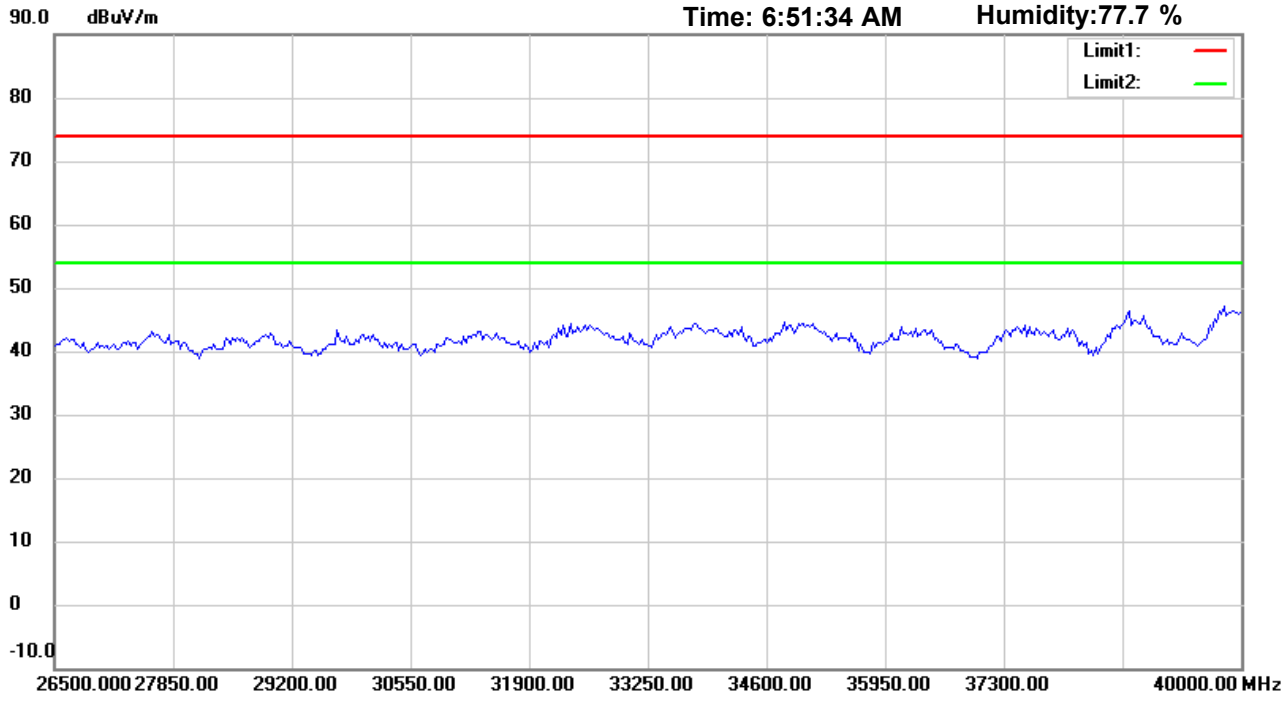
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/13/2018 Time: 6:51:34 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

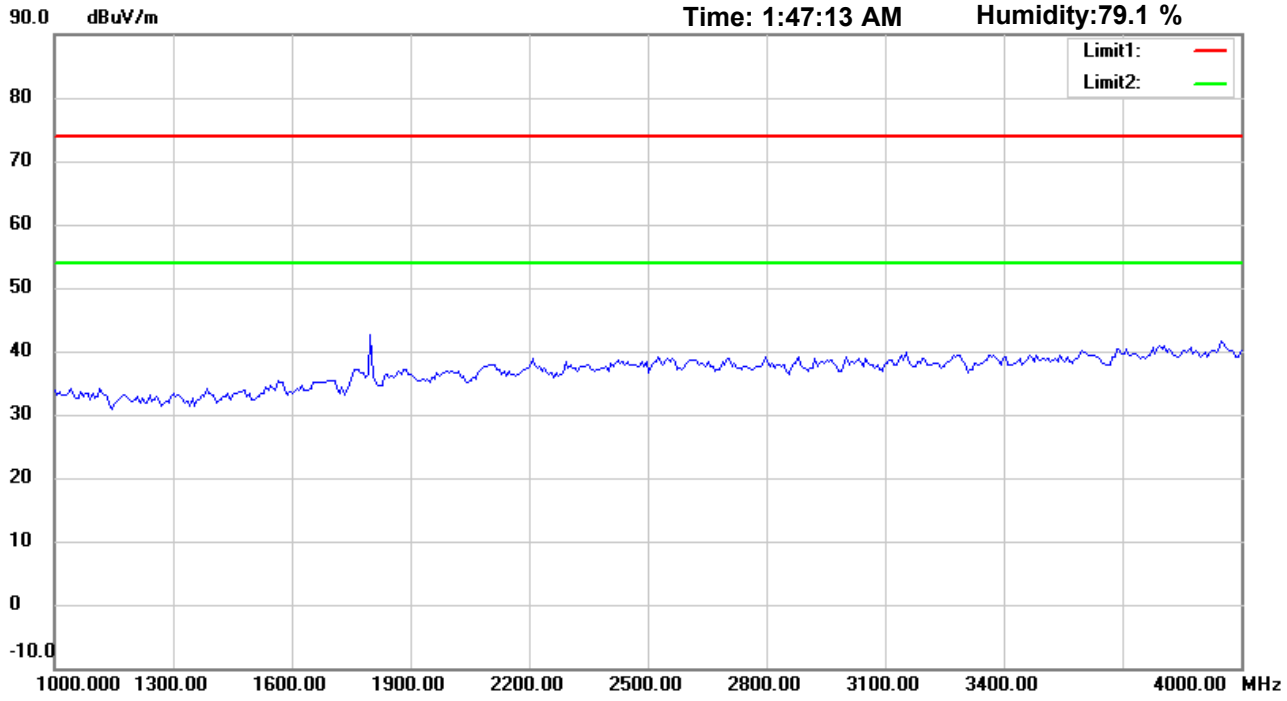
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/15/2018 Time: 1:47:13 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

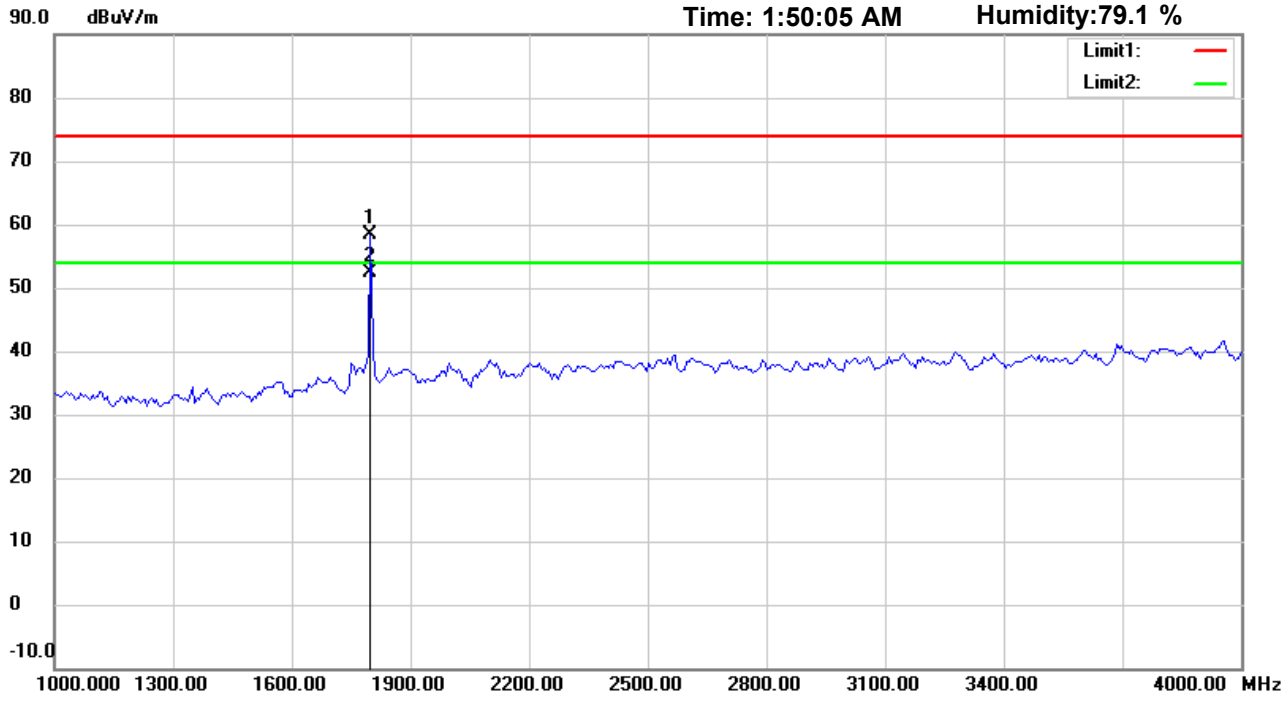
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/15/2018 Time: 1:50:05 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.91	peak	-6.52	58.39	74.00	150	210	-15.61	
*	1799.599	59.02	AVG	-6.52	52.50	54.00	150	210	-1.50	

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

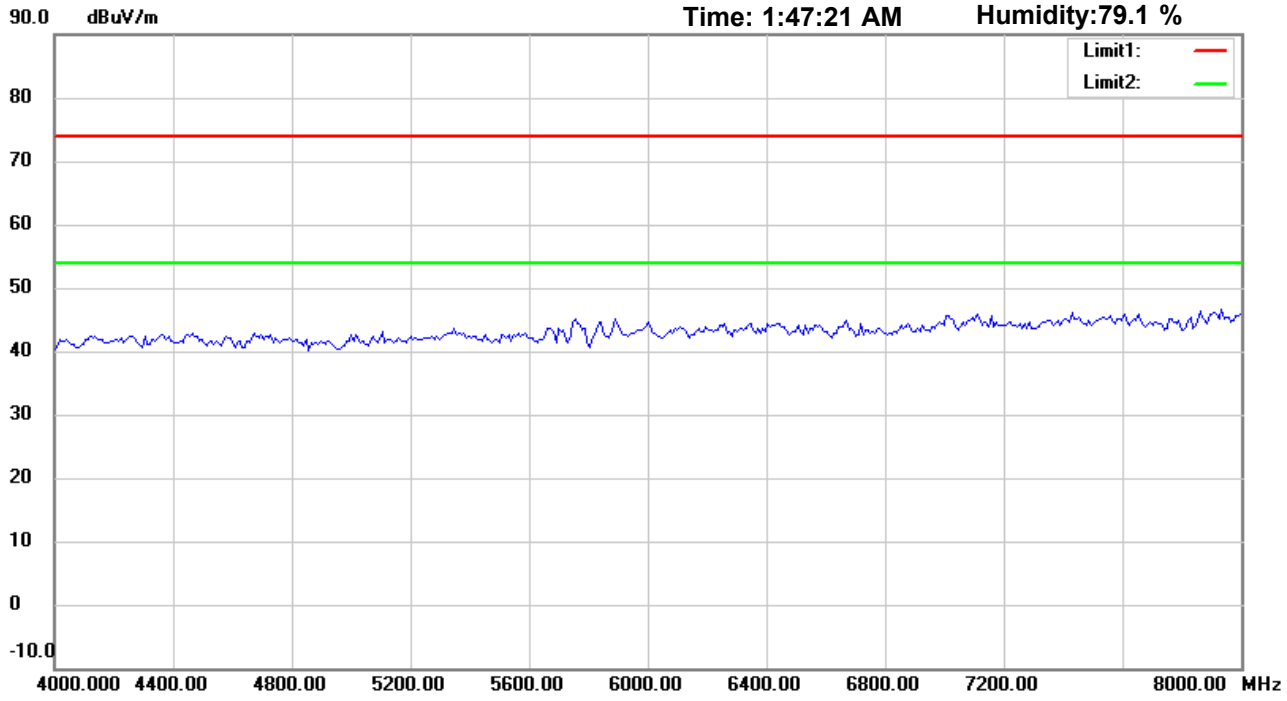
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/15/2018 Time: 1:47:21 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

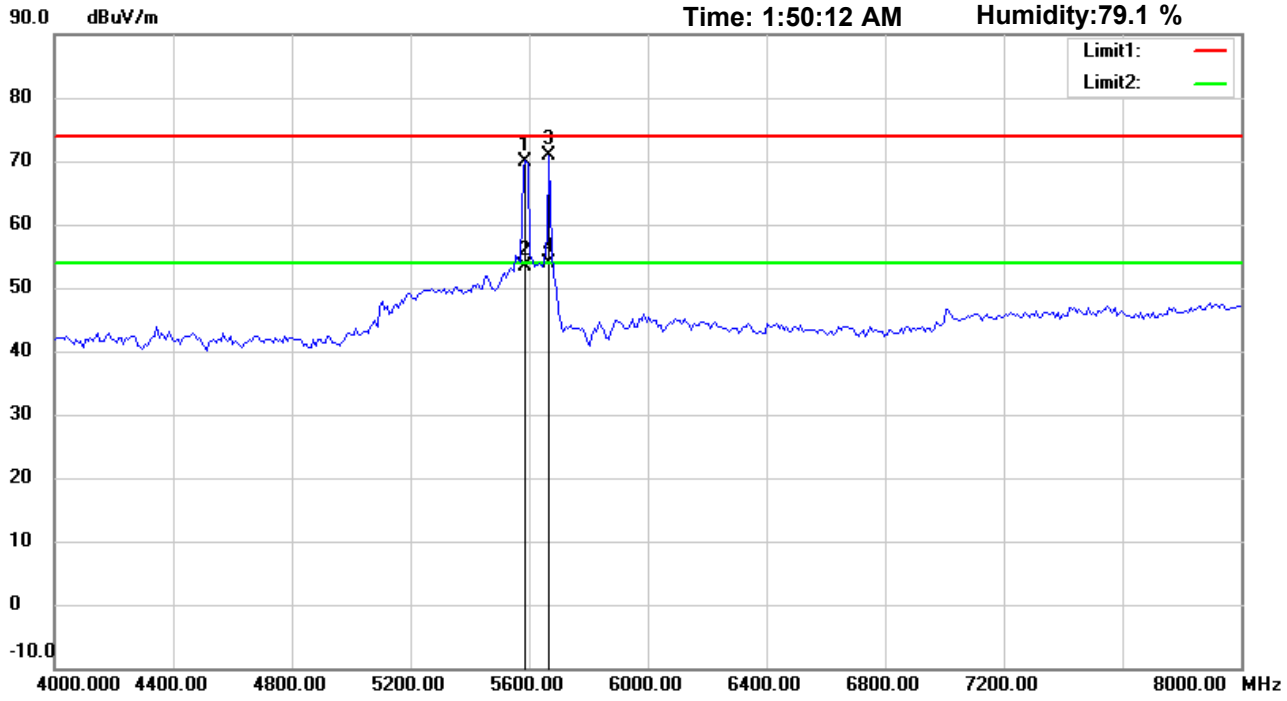
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/15/2018 Time: 1:50:12 AM Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5587.174	67.37	peak	2.45	69.82	74.00	150	217	-4.18	
	5587.174	50.81	AVG	2.45	53.26	54.00	150	217	-0.74	
	5661.383	67.81	peak	3.07	70.88	74.00	150	224	-3.12	
*	5661.383	50.71	AVG	3.07	53.78	54.00	150	224	-0.22	

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

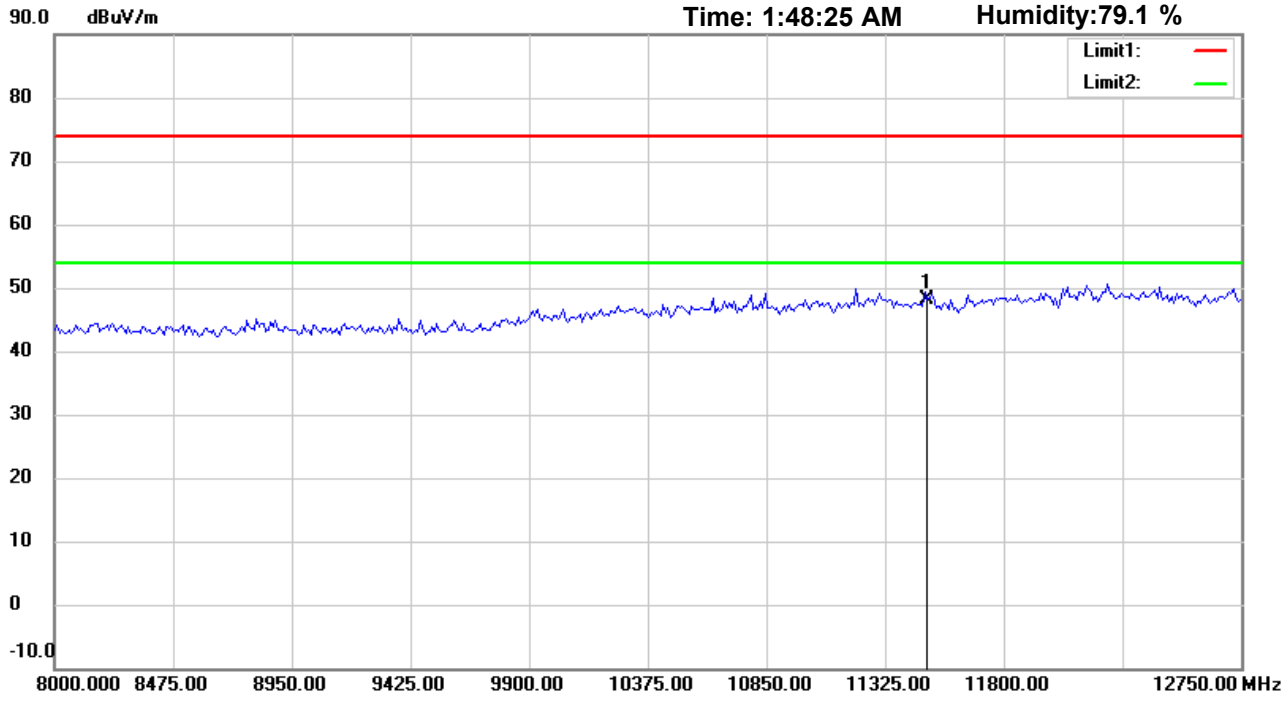
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/15/2018 Time: 1:48:25 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11490.000	35.52	peak	12.58	48.10	74.00	150	145	-25.90	

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

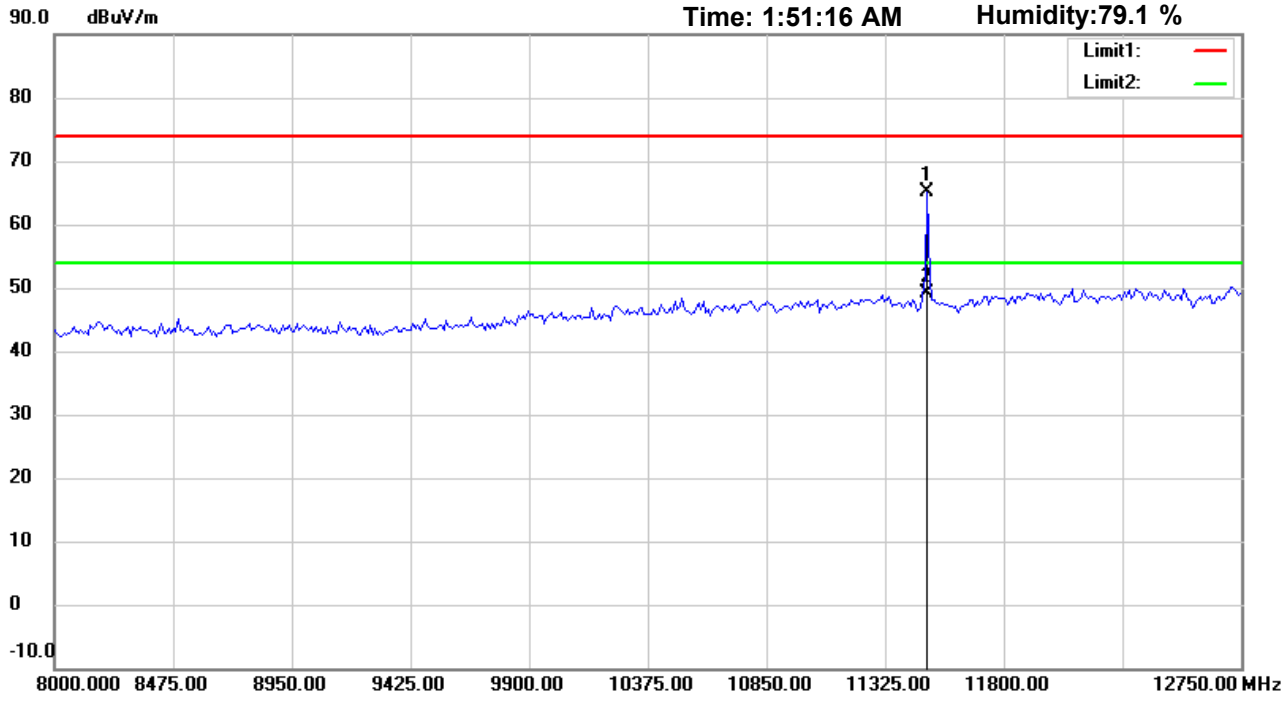
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/15/2018 Time: 1:51:16 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	11490.526	52.66	peak	12.58	65.24	74.00	150	170	-8.76	
*	11490.526	36.58	AVG	12.58	49.16	54.00	150	170	-4.84	

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

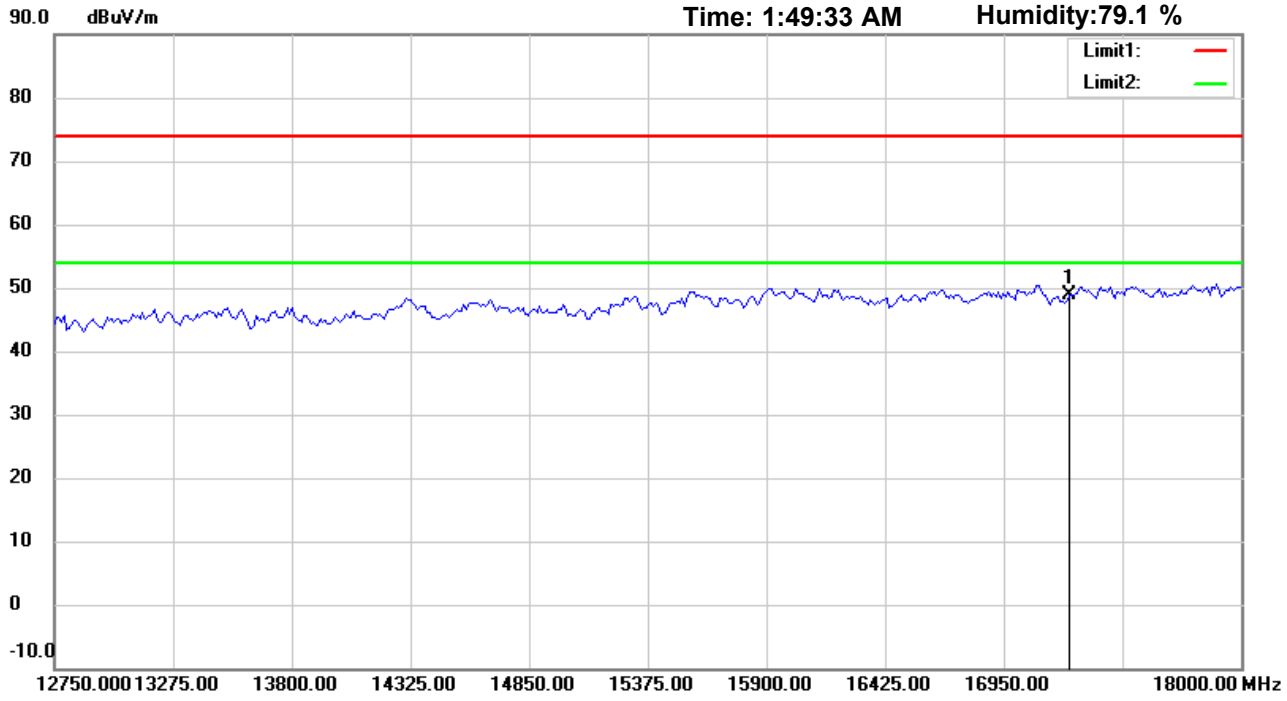
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/15/2018 Time: 1:49:33 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17235.000	28.34	peak	20.66	49.00	74.00	150	80	-25.00	

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

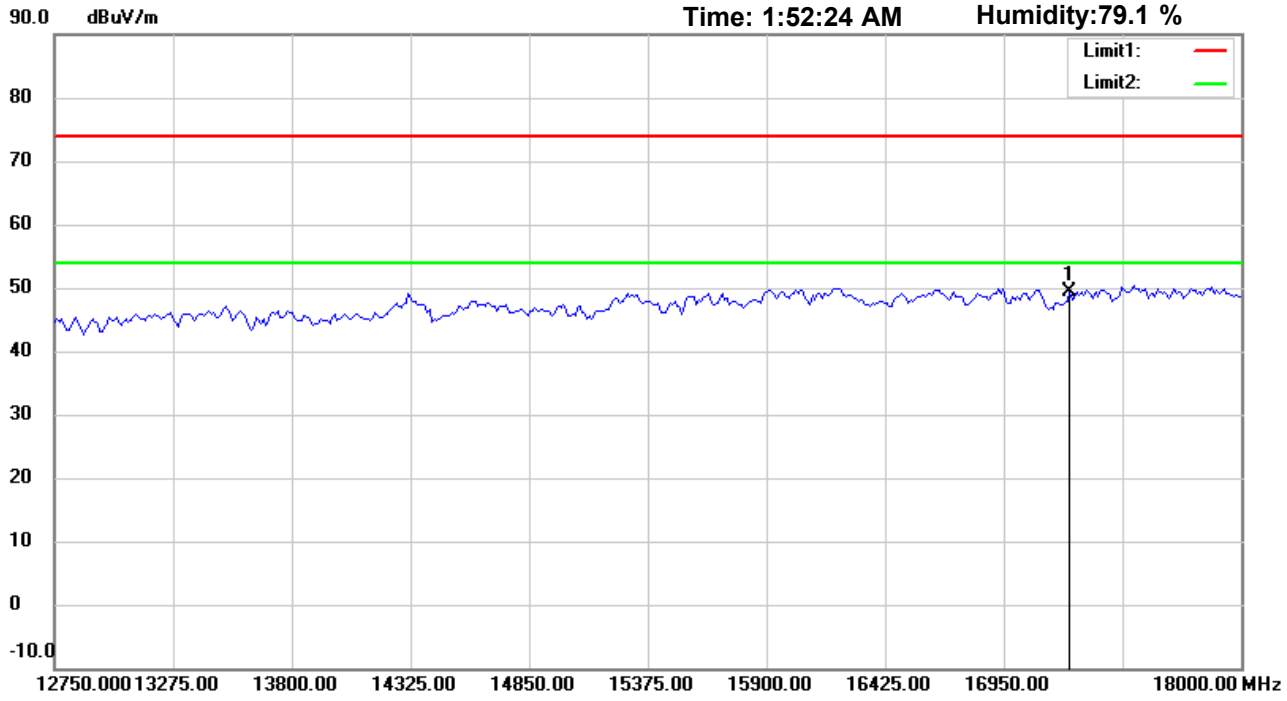
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/15/2018 Time: 1:52:24 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17235.000	28.73	peak	20.66	49.39	74.00	150	135	-24.61	

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

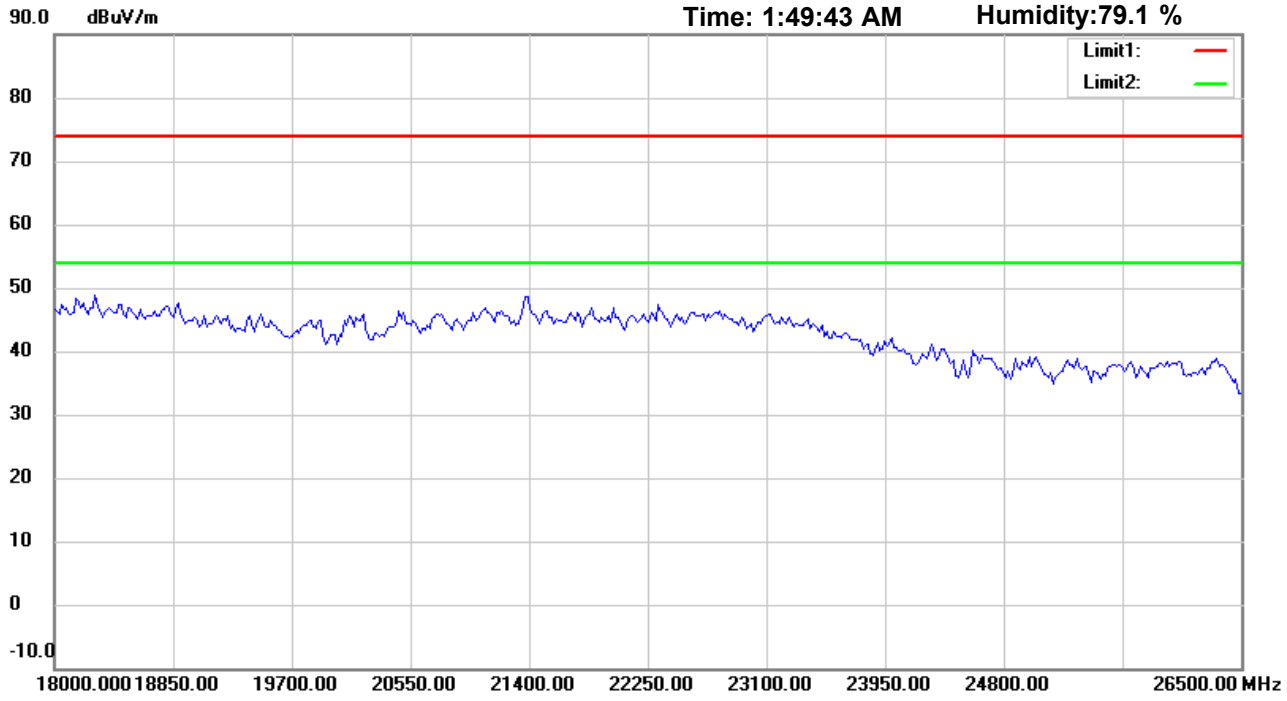
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/15/2018 Time: 1:49:43 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

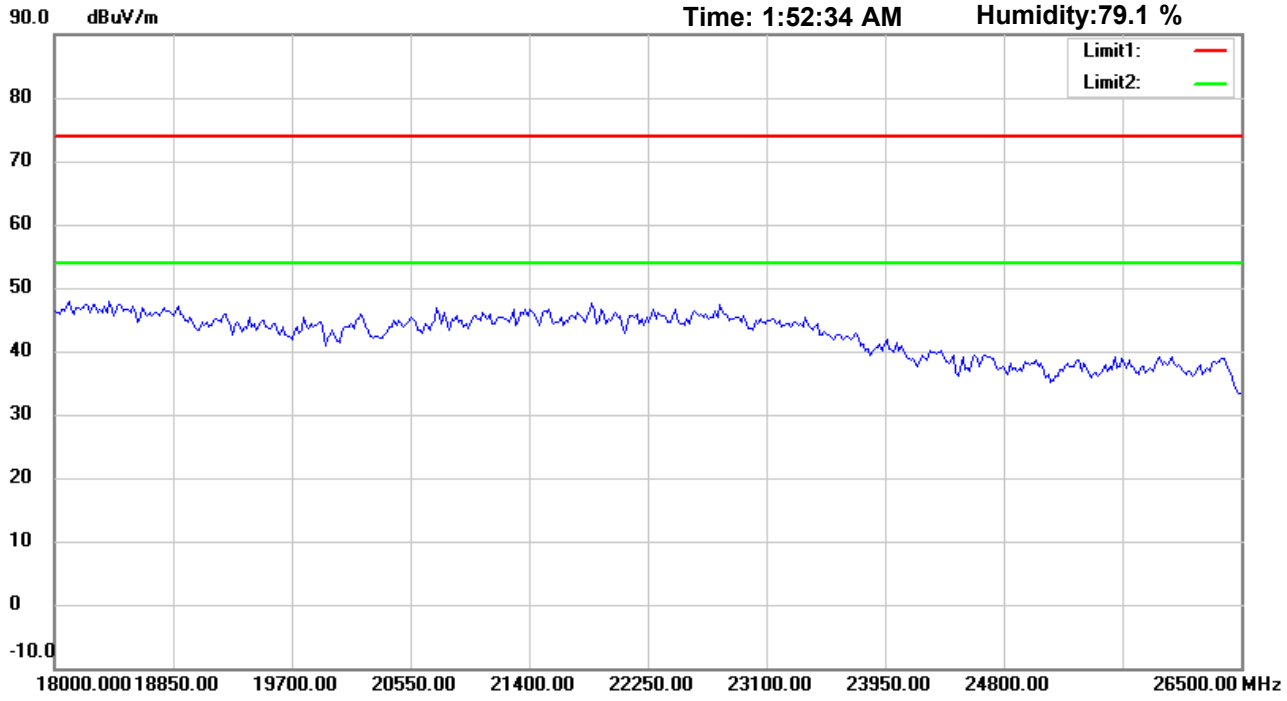
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/15/2018 Time: 1:52:34 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

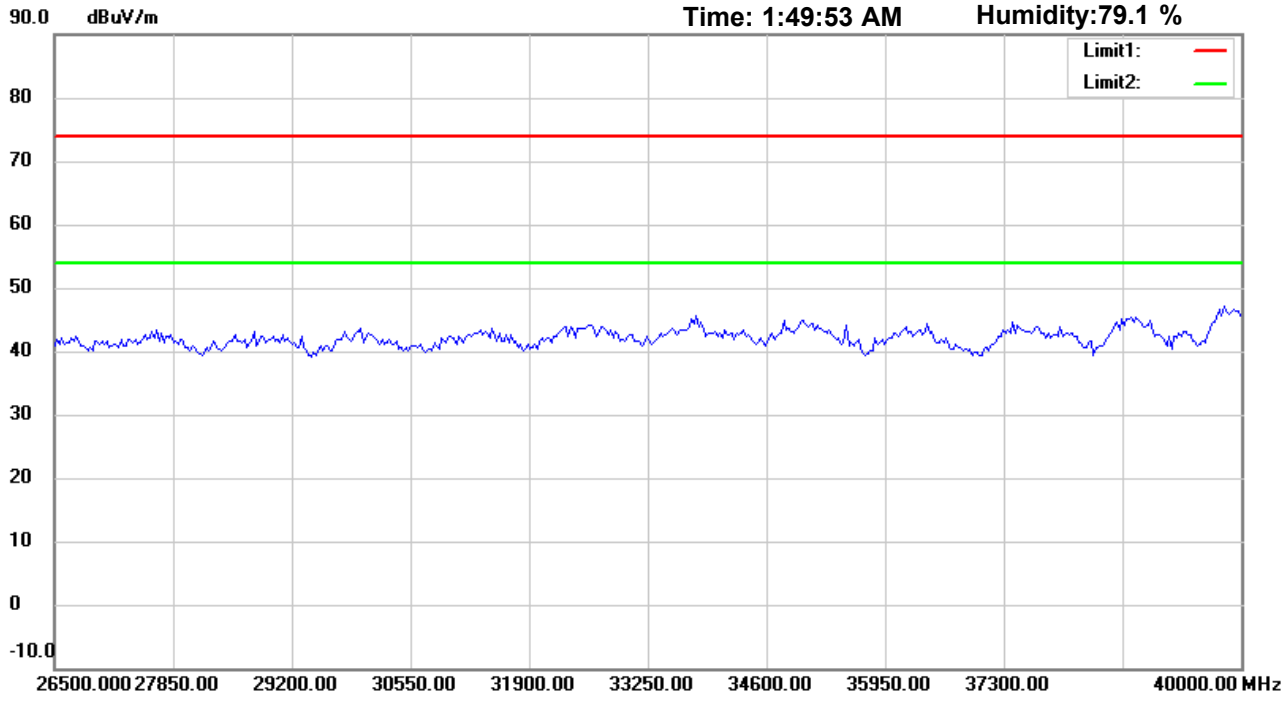
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/15/2018 Time: 1:49:53 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

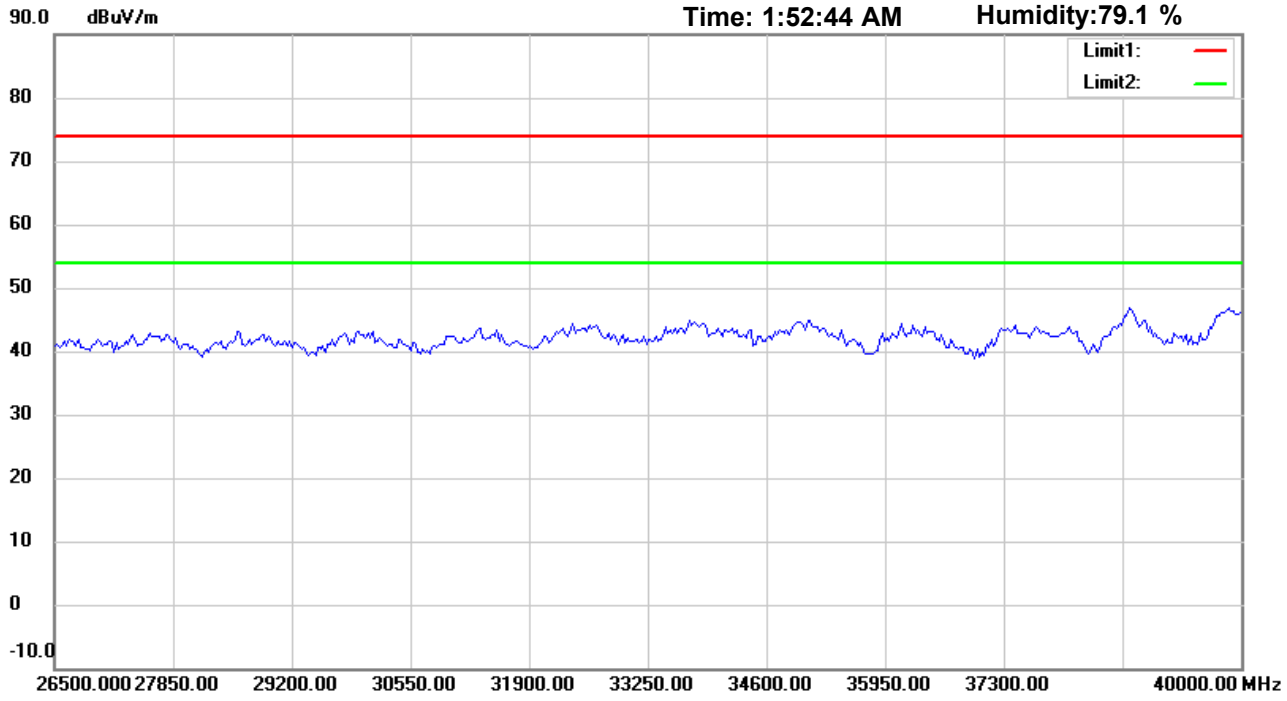
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/15/2018 Time: 1:52:44 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH149

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

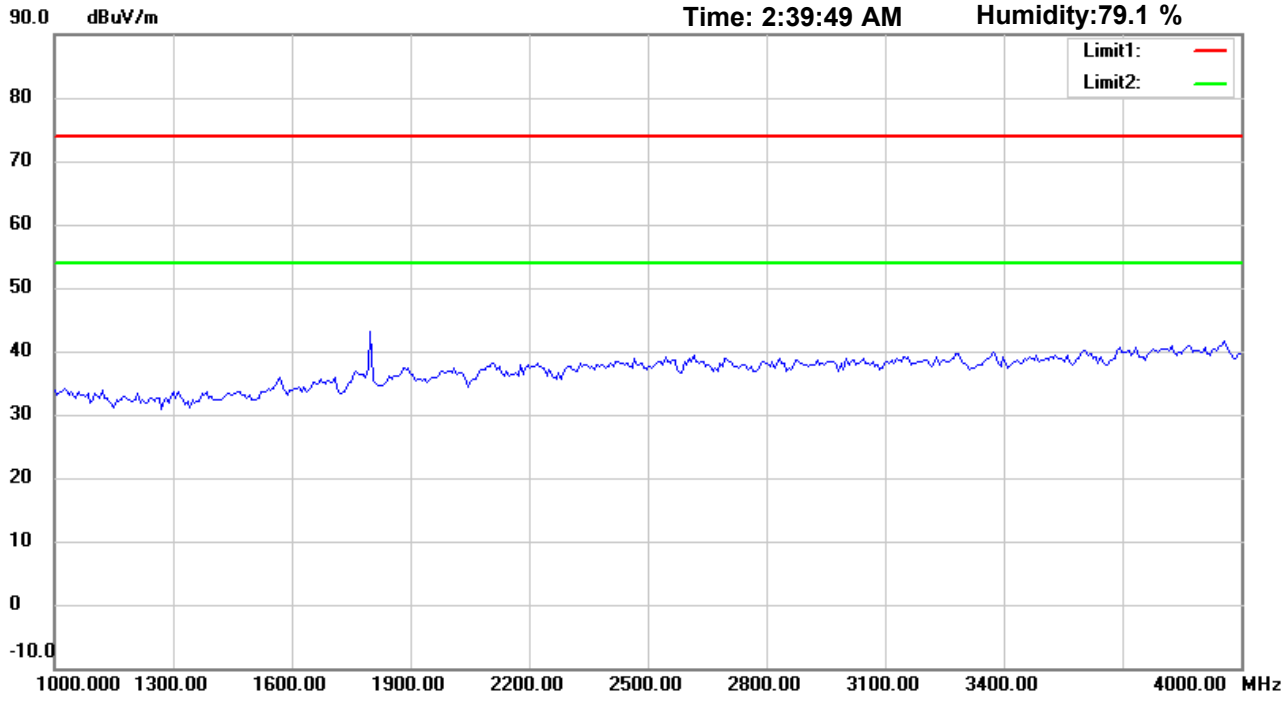
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/15/2018 Time: 2:39:49 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

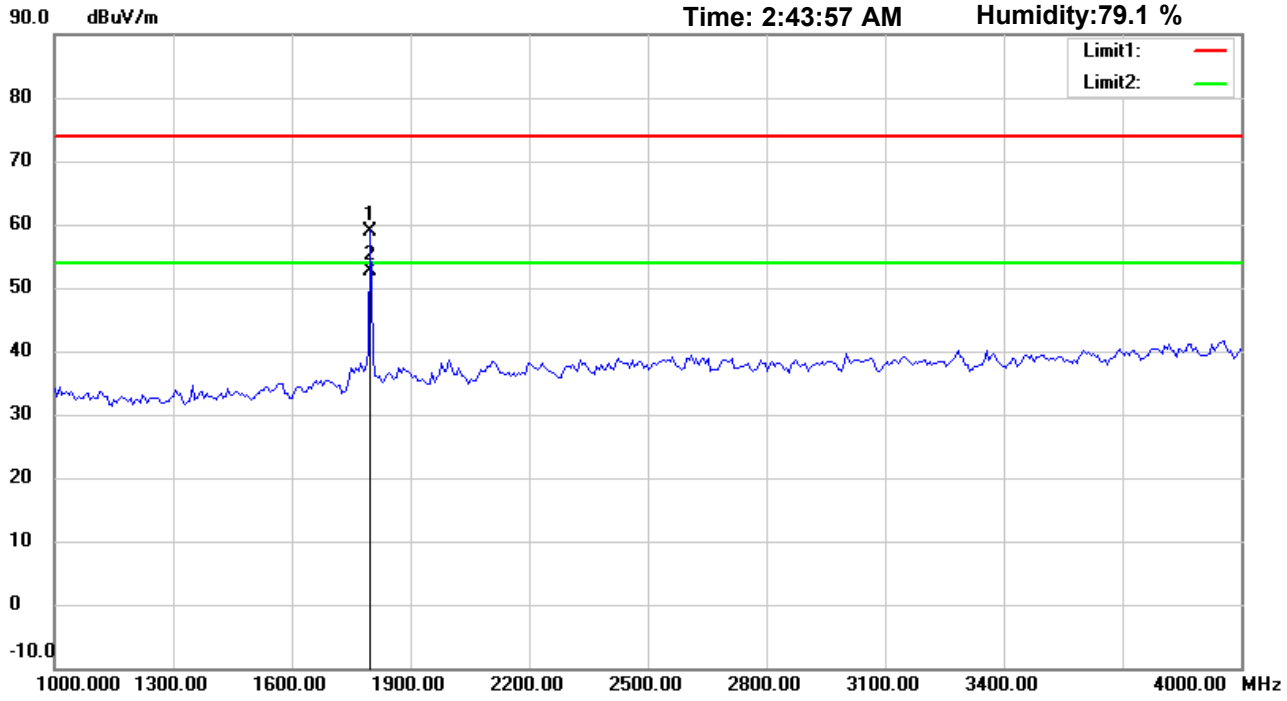
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/15/2018 Time: 2:43:57 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	65.38	peak	-6.52	58.86	74.00	150	225	-15.14	
*	1799.599	59.11	AVG	-6.52	52.59	54.00	150	225	-1.41	

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

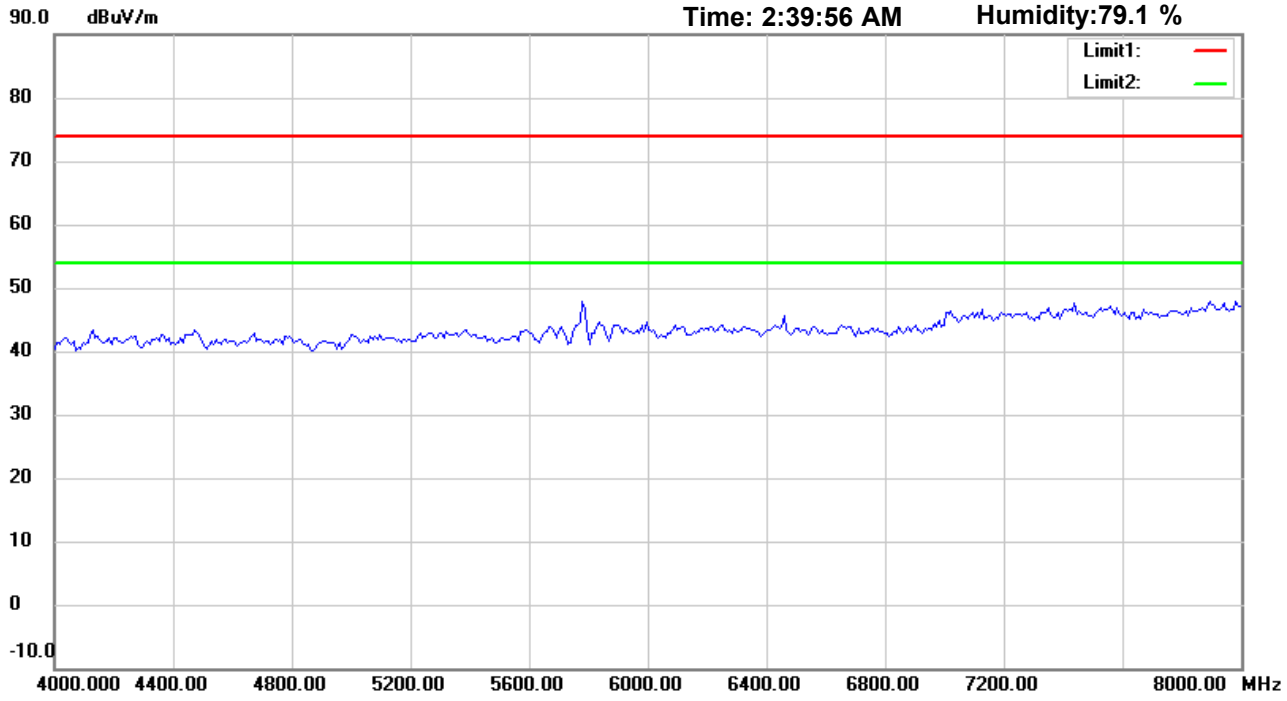
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/15/2018 Time: 2:39:56 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

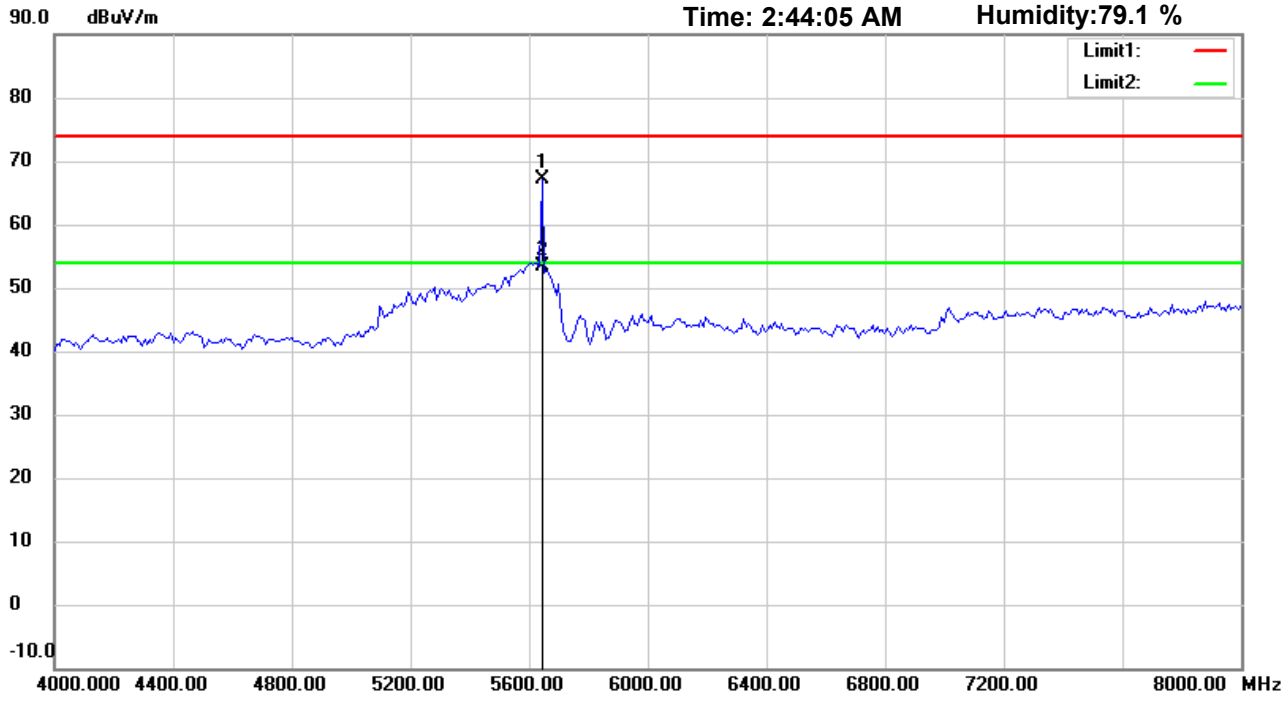
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/15/2018 Time: 2:44:05 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5638.858	64.25	peak	2.86	67.11	74.00	150	225	-6.89	
*	5638.858	50.58	AVG	2.86	53.44	54.00	150	225	-0.56	

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

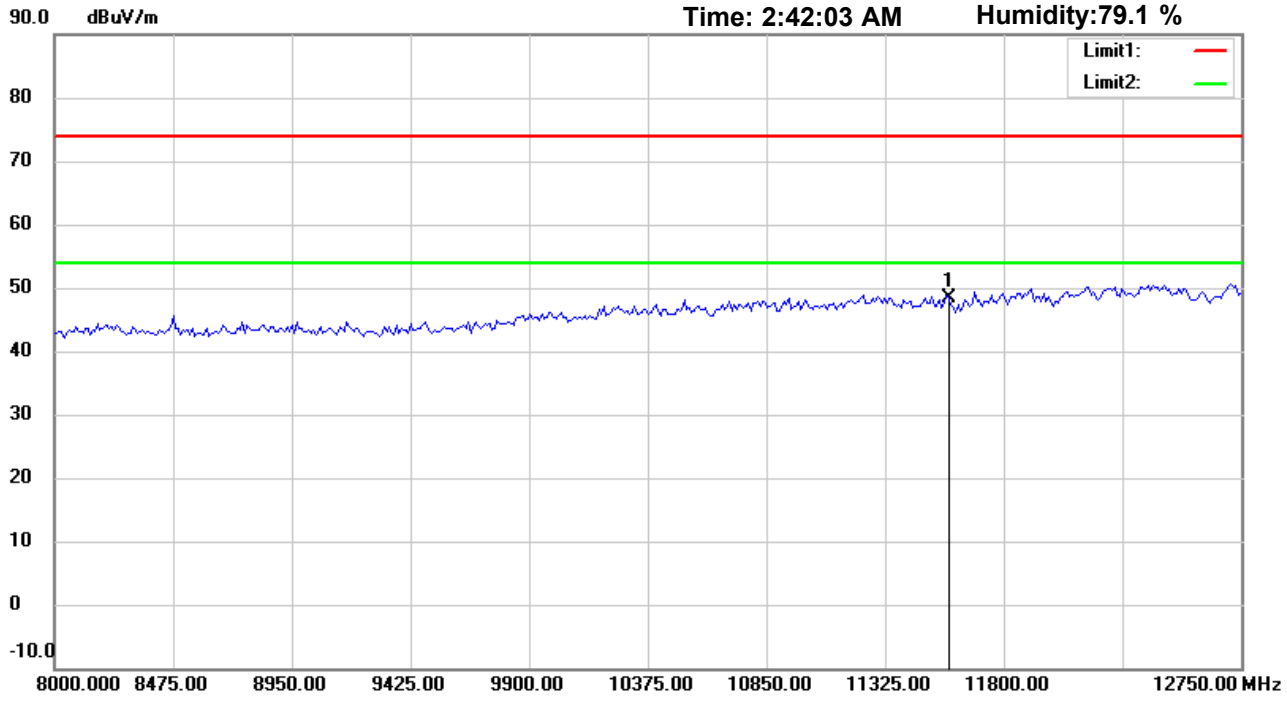
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/15/2018 Time: 2:42:03 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11570.000	36.27	peak	12.12	48.39	74.00	150	300	-25.61	

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

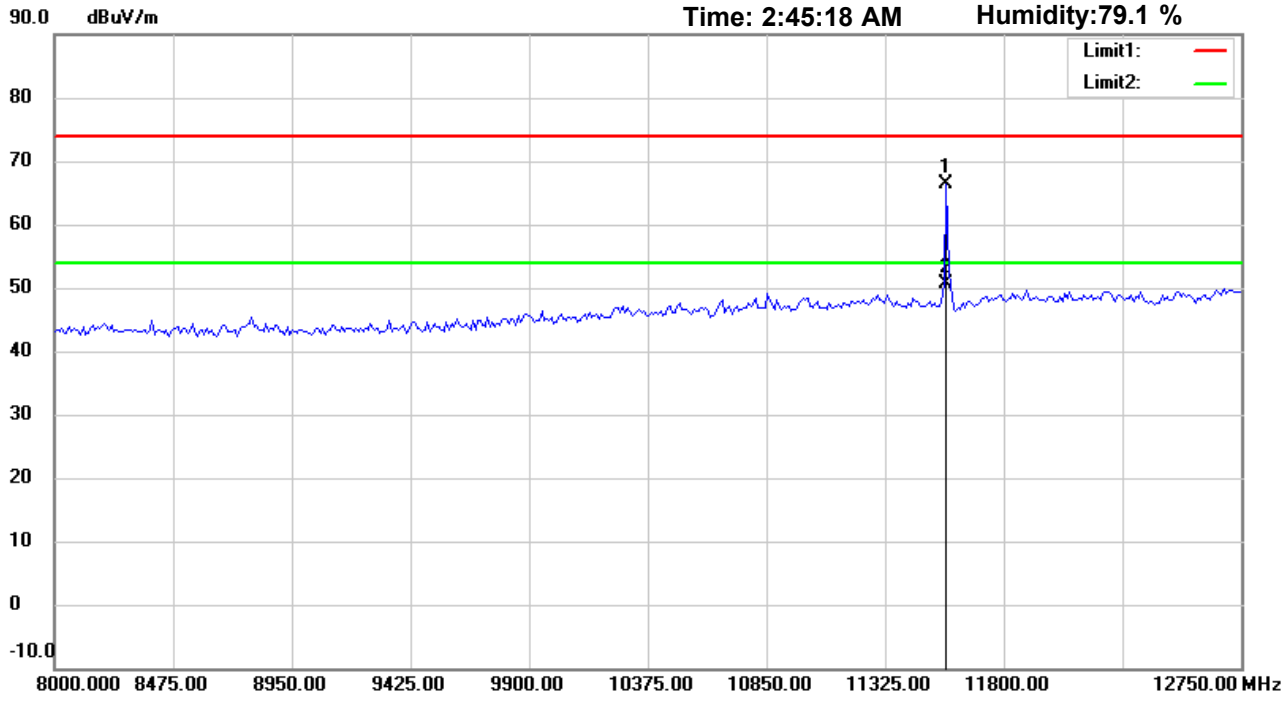
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/15/2018 Time: 2:45:18 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	11569.639	54.34	peak	12.12	66.46	74.00	150	280	-7.54	
*	11569.639	38.53	AVG	12.12	50.65	54.00	150	280	-3.35	

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

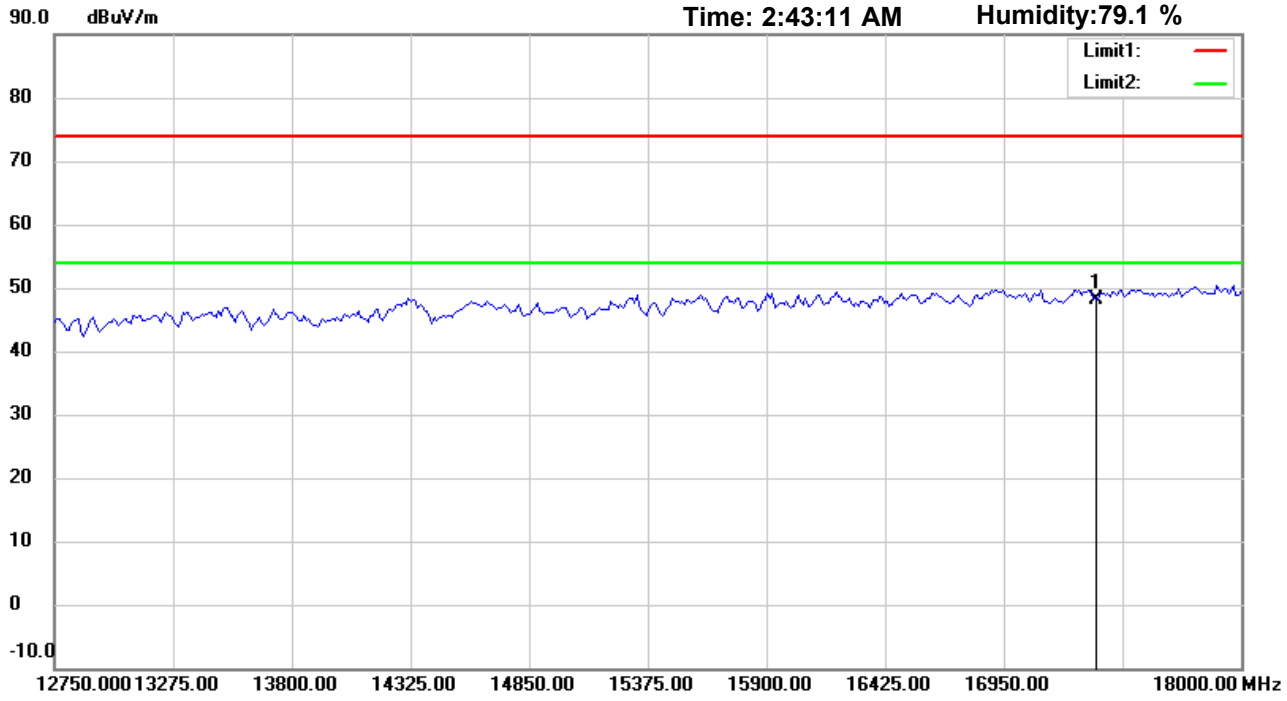
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/15/2018 Time: 2:43:11 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17355.000	25.78	peak	22.27	48.05	74.00	150	20	-25.95	

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

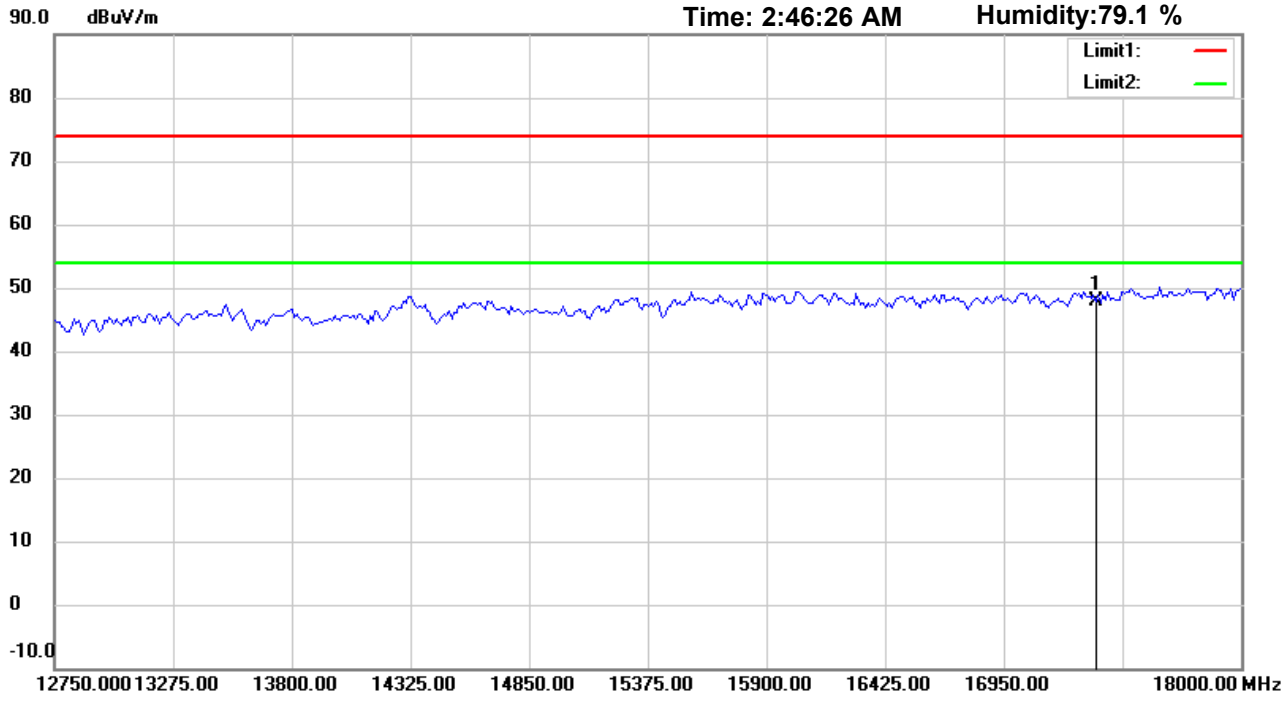
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/15/2018 Time: 2:46:26 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17355.000	25.68	peak	22.27	47.95	74.00	150	50	-26.05	

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

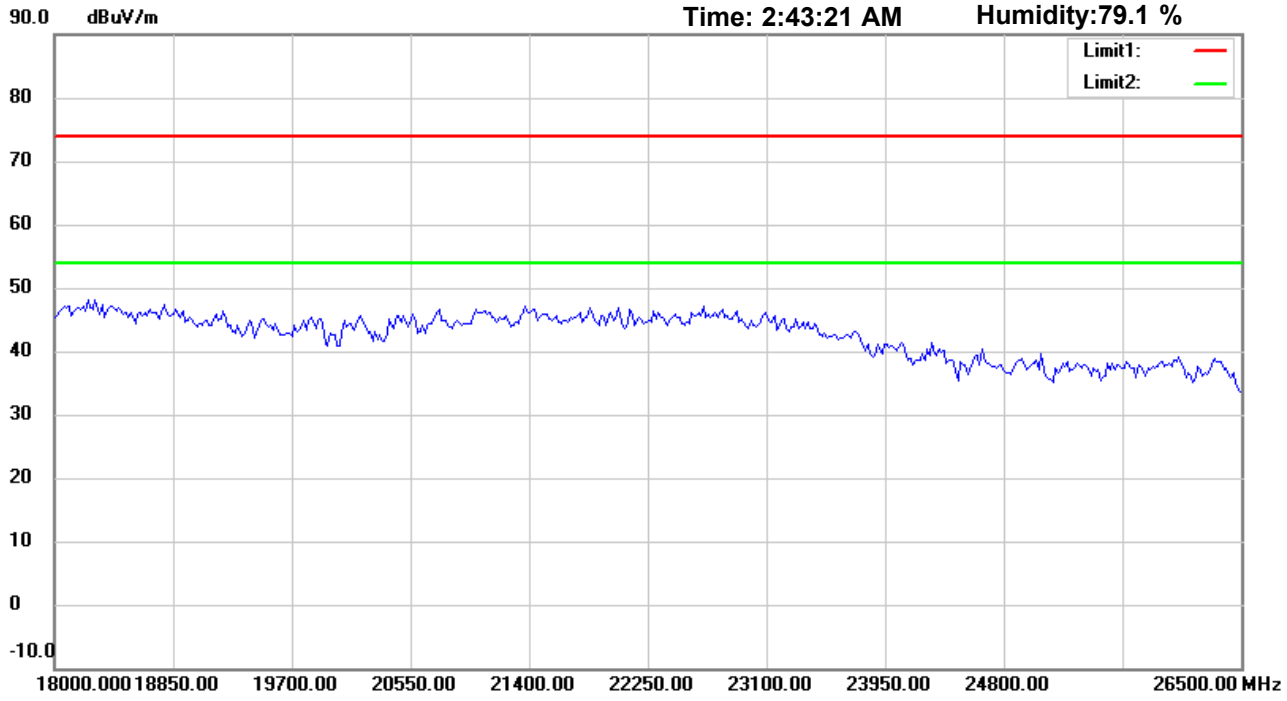
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/15/2018 Time: 2:43:21 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

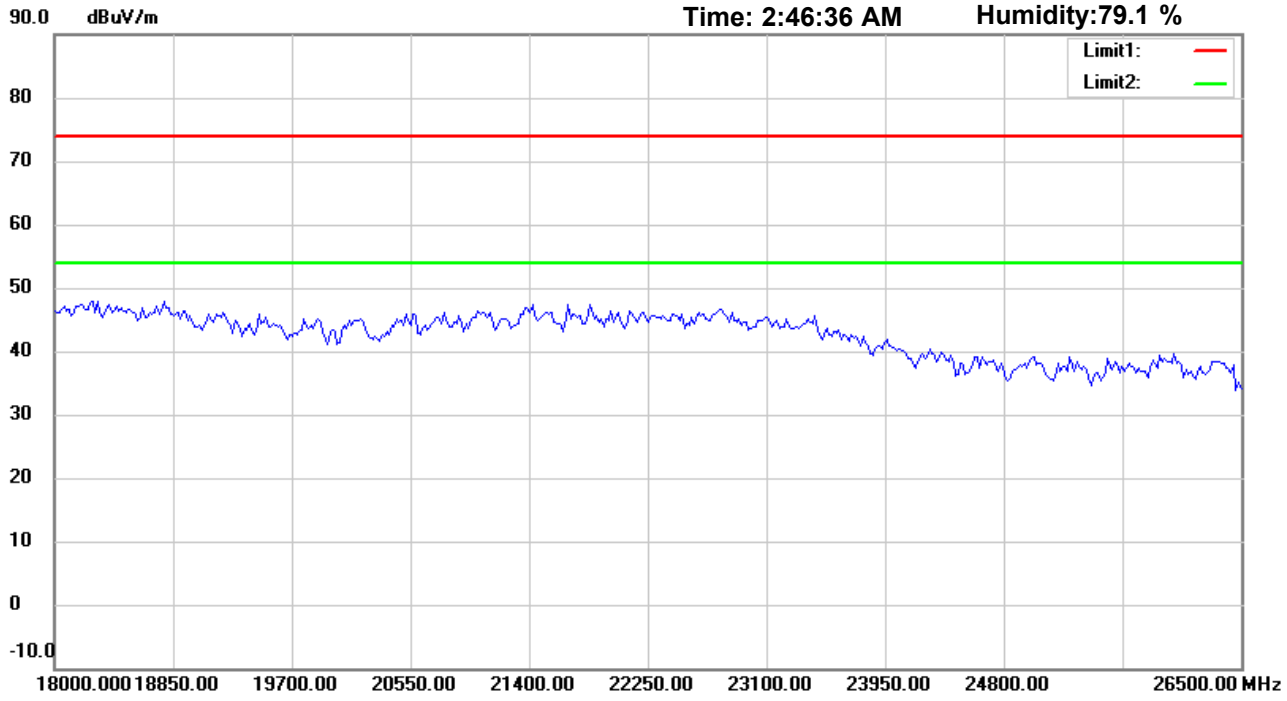
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/15/2018 Time: 2:46:36 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH157

Note :

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

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

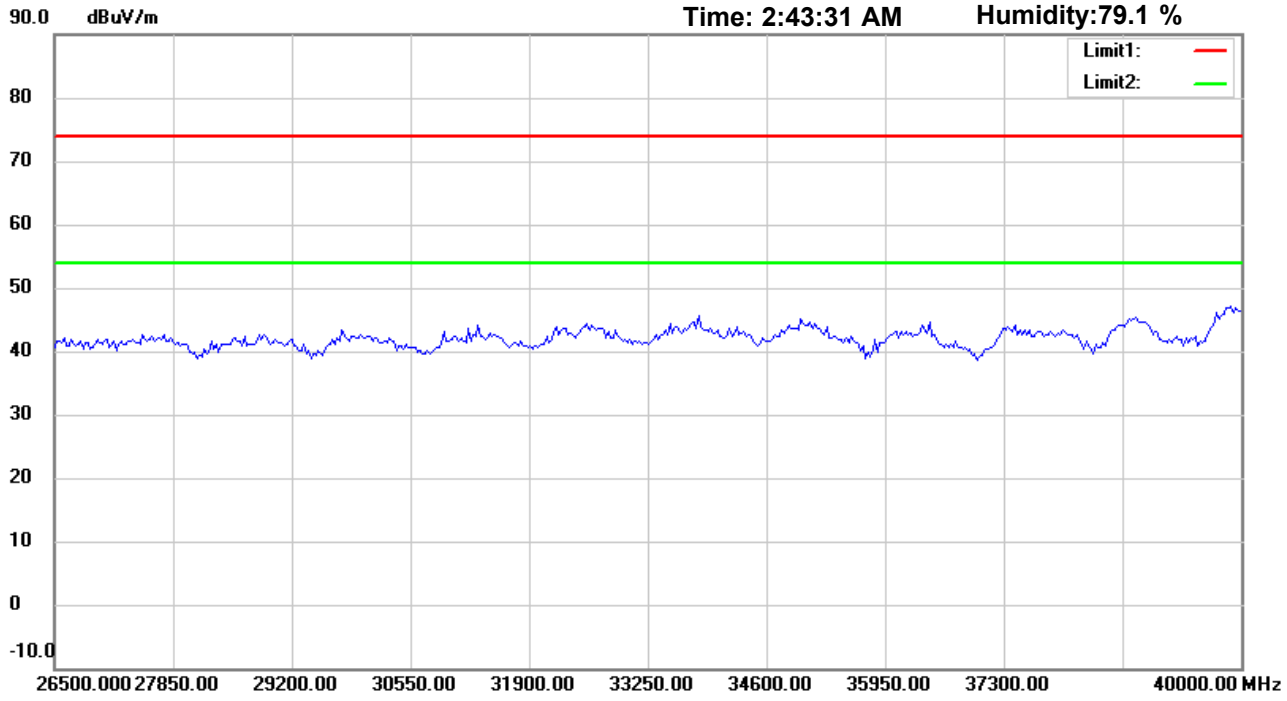
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/15/2018 Time: 2:43:31 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH157

Note :

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

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

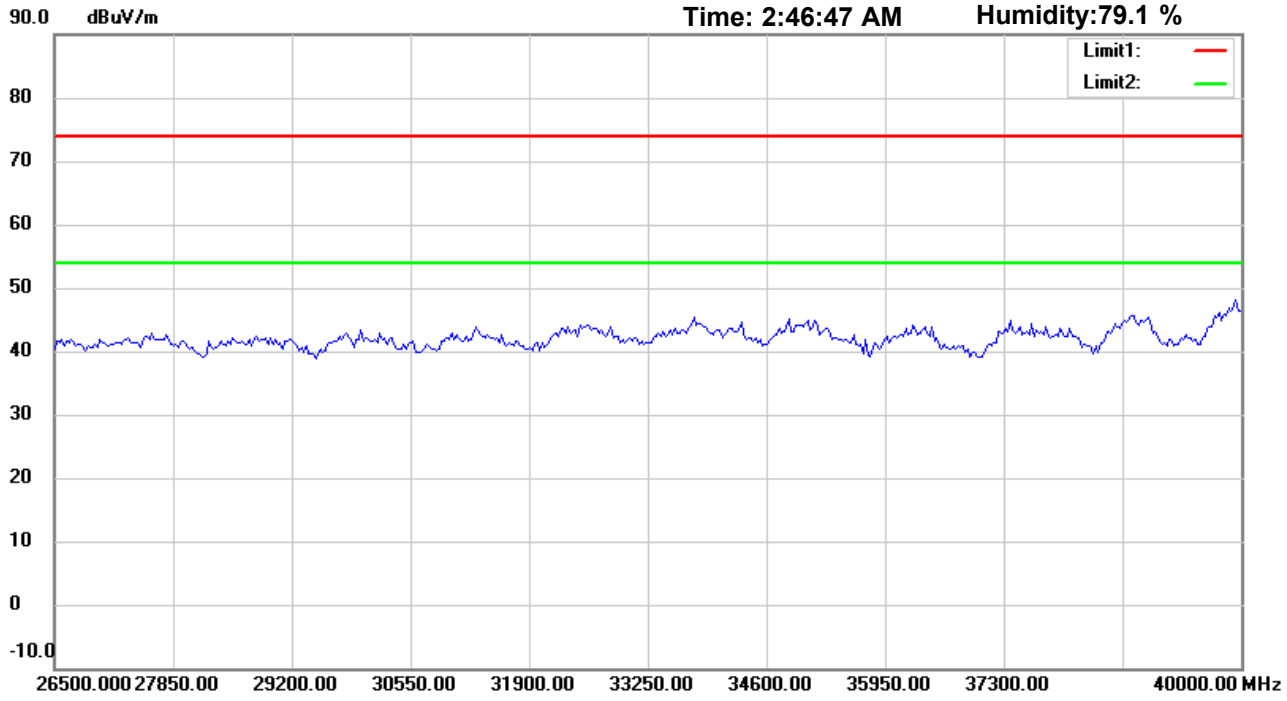
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/15/2018 Time: 2:46:47 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH157

Note :

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

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

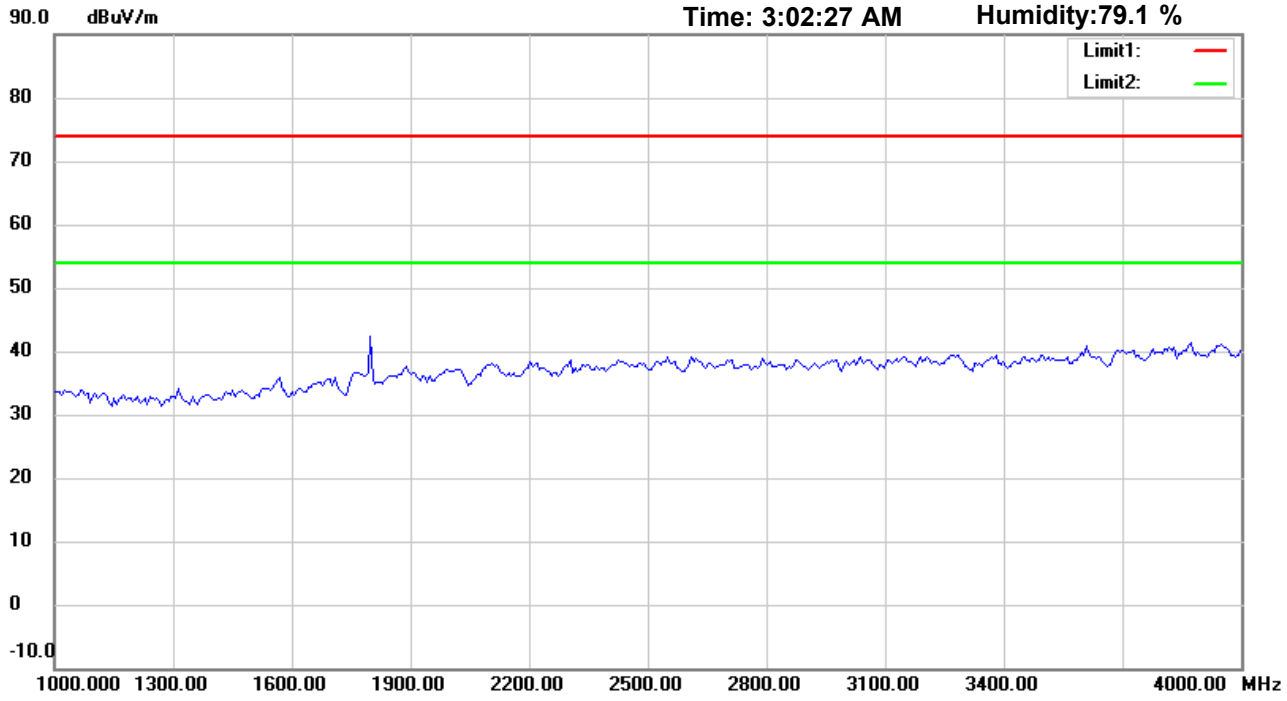
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/15/2018 Time: 3:02:27 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

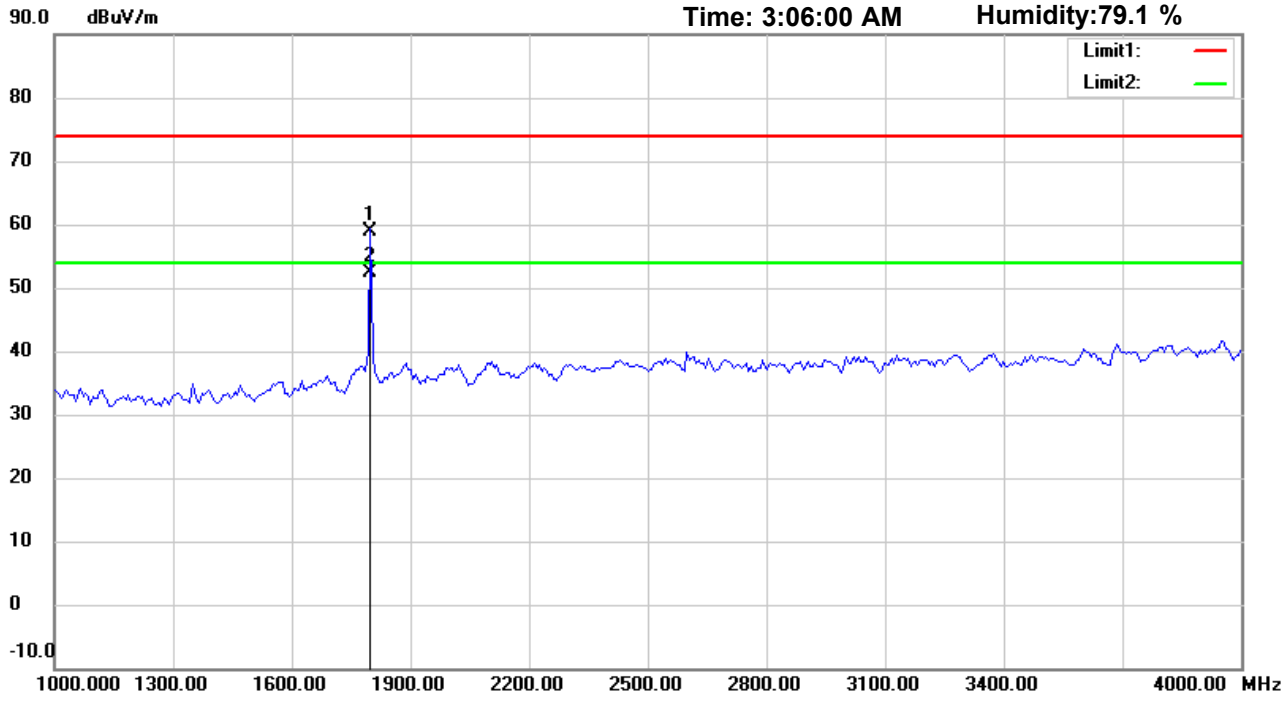
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/15/2018 Time: 3:06:00 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	65.34	peak	-6.52	58.82	74.00	150	110	-15.18	
*	1799.599	58.98	AVG	-6.52	52.46	54.00	150	110	-1.54	

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

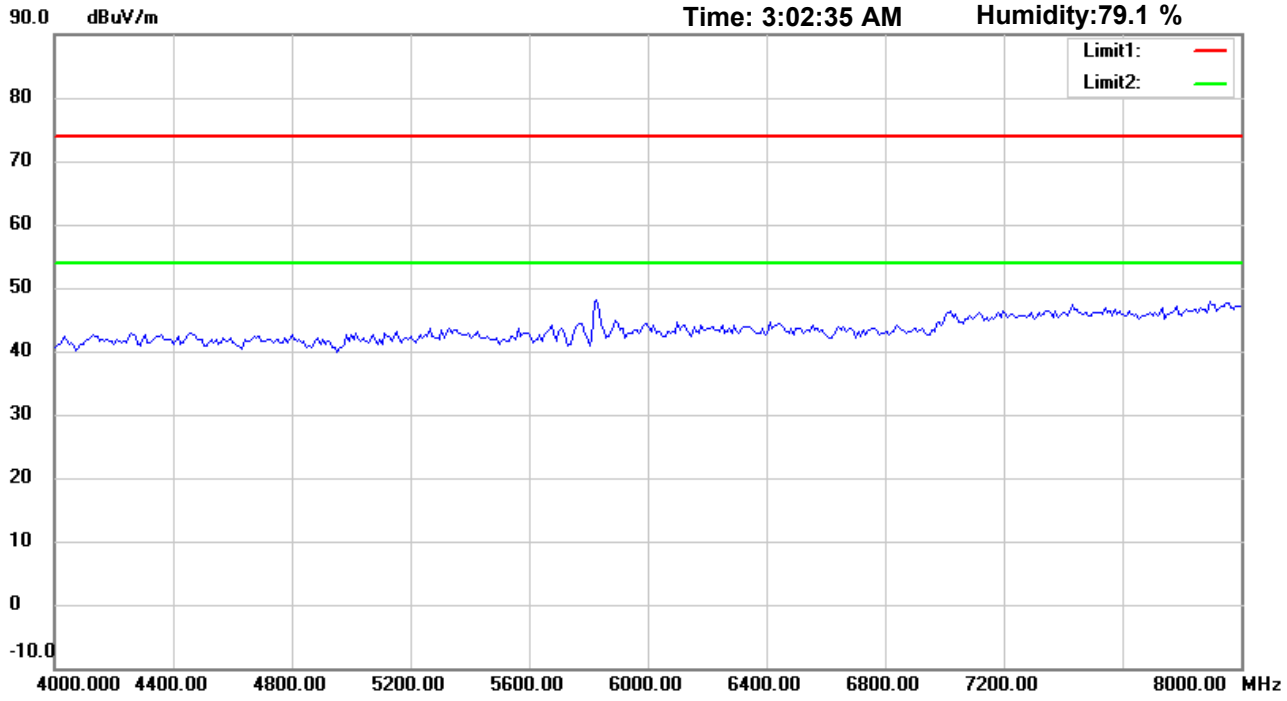
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/15/2018 Time: 3:02:35 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

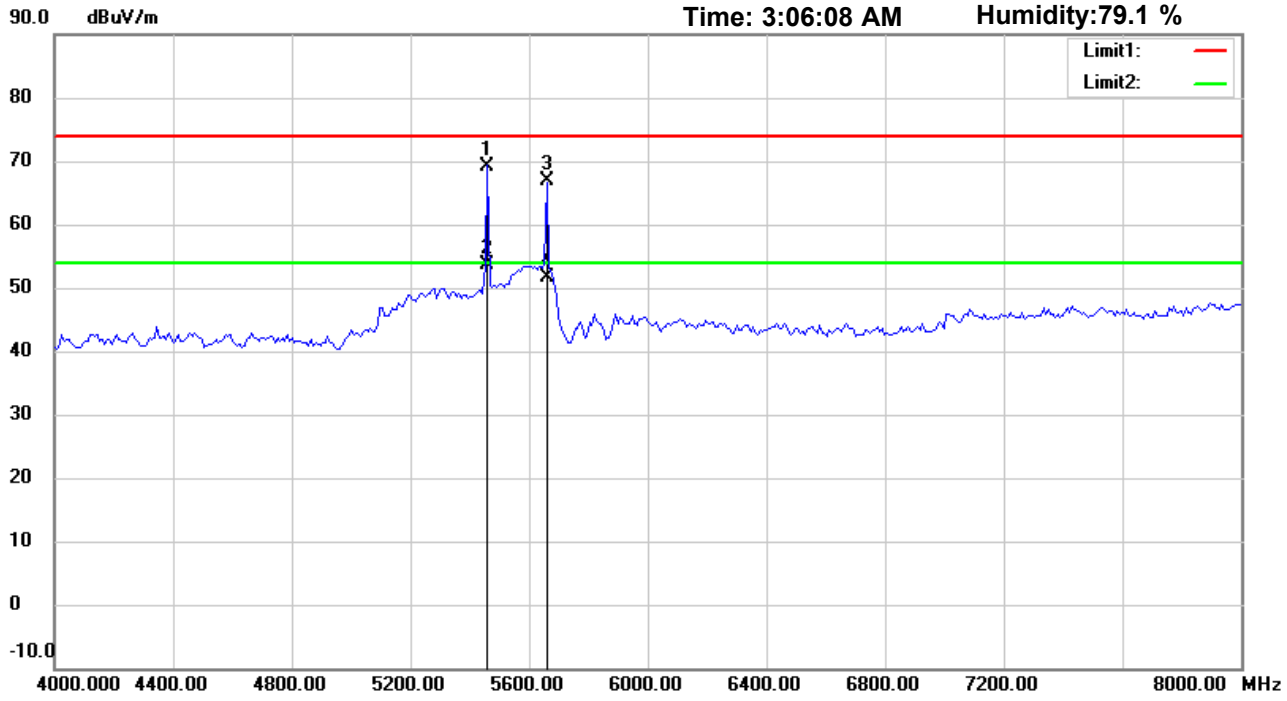
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/15/2018 Time: 3:06:08 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5456.578	66.74	peak	2.34	69.08	74.00	150	220	-4.92	
*	5456.578	51.39	AVG	2.34	53.73	54.00	150	220	-0.27	
	5657.656	63.87	peak	3.03	66.90	74.00	150	214	-7.10	
	5657.656	48.56	AVG	3.03	51.59	54.00	150	214	-2.41	

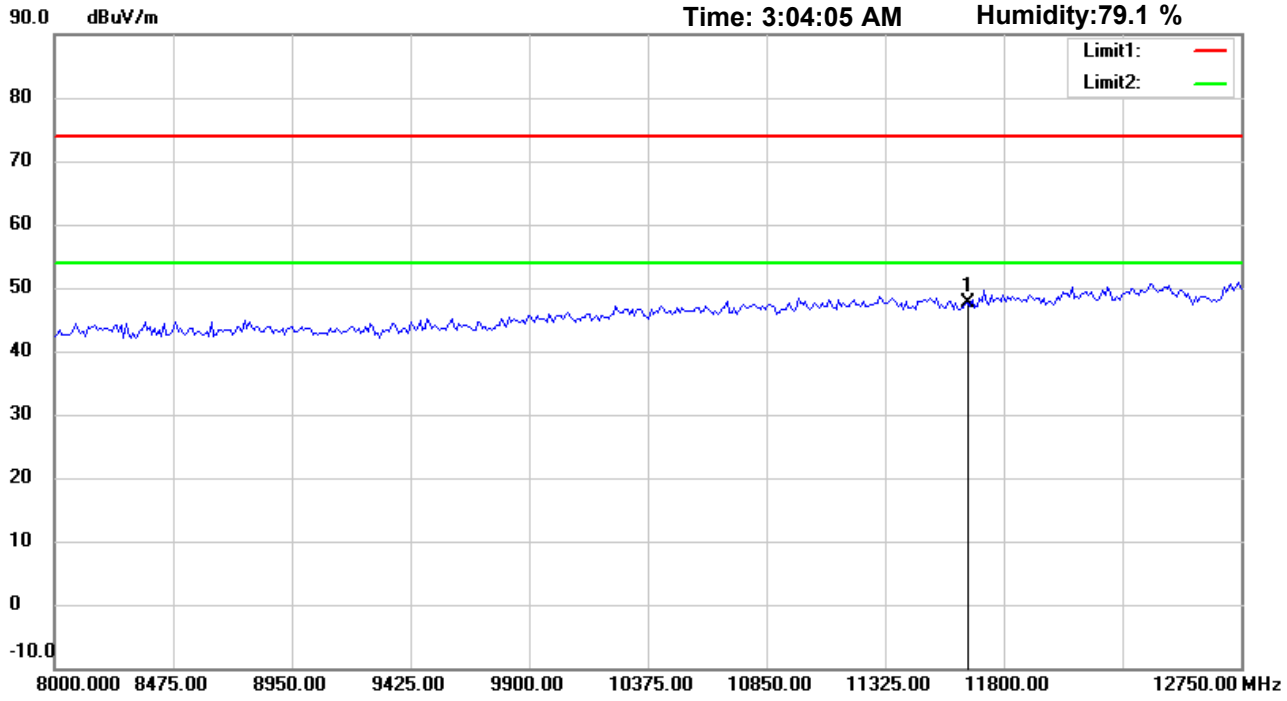
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/15/2018 Time: 3:04:05 AM Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11650.000	35.43	peak	12.32	47.75	74.00	150	30	-26.25	

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

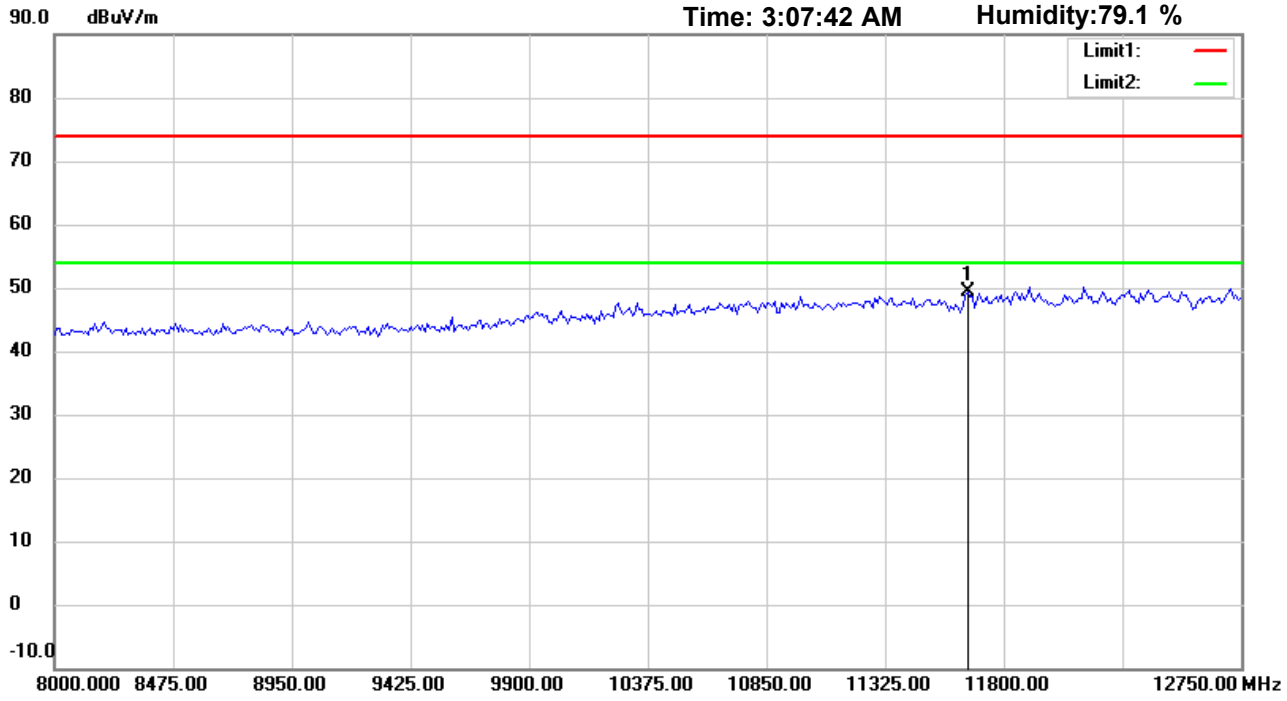
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/15/2018 Time: 3:07:42 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11650.000	36.97	peak	12.32	49.29	74.00	150	75	-24.71	

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

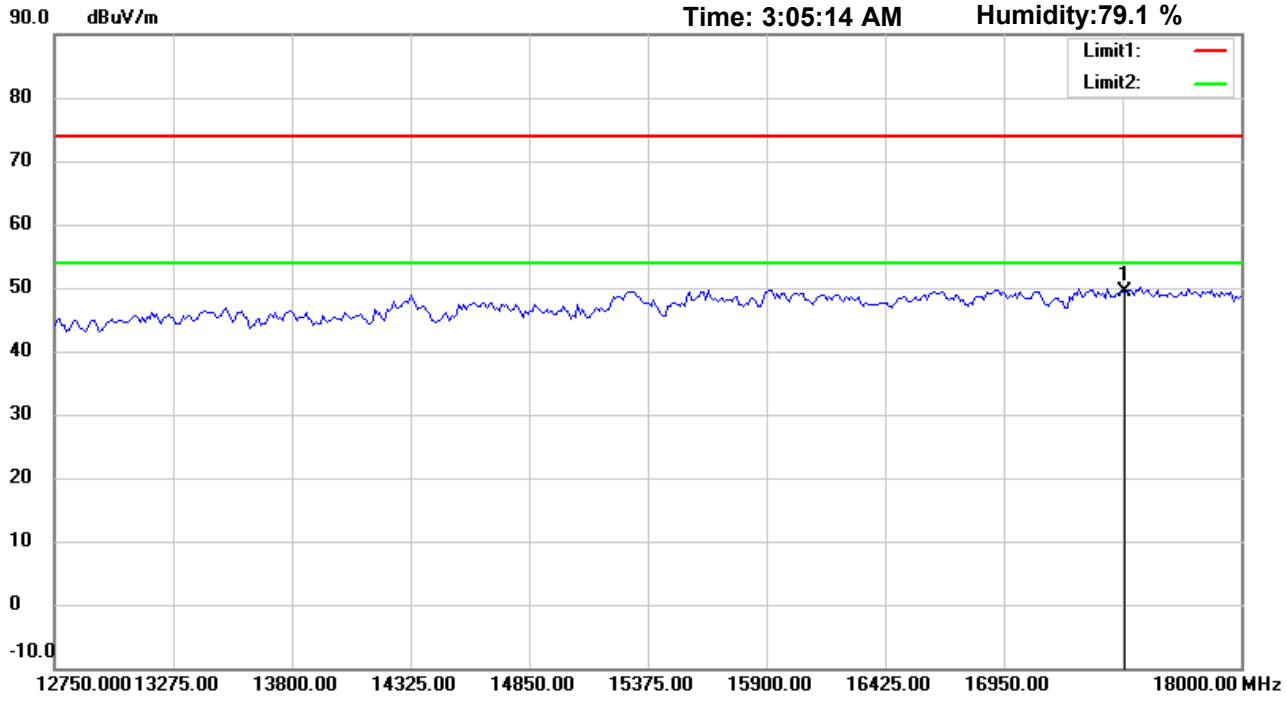
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/15/2018 Time: 3:05:14 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17475.000	26.87	peak	22.50	49.37	74.00	150	280	-24.63	

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

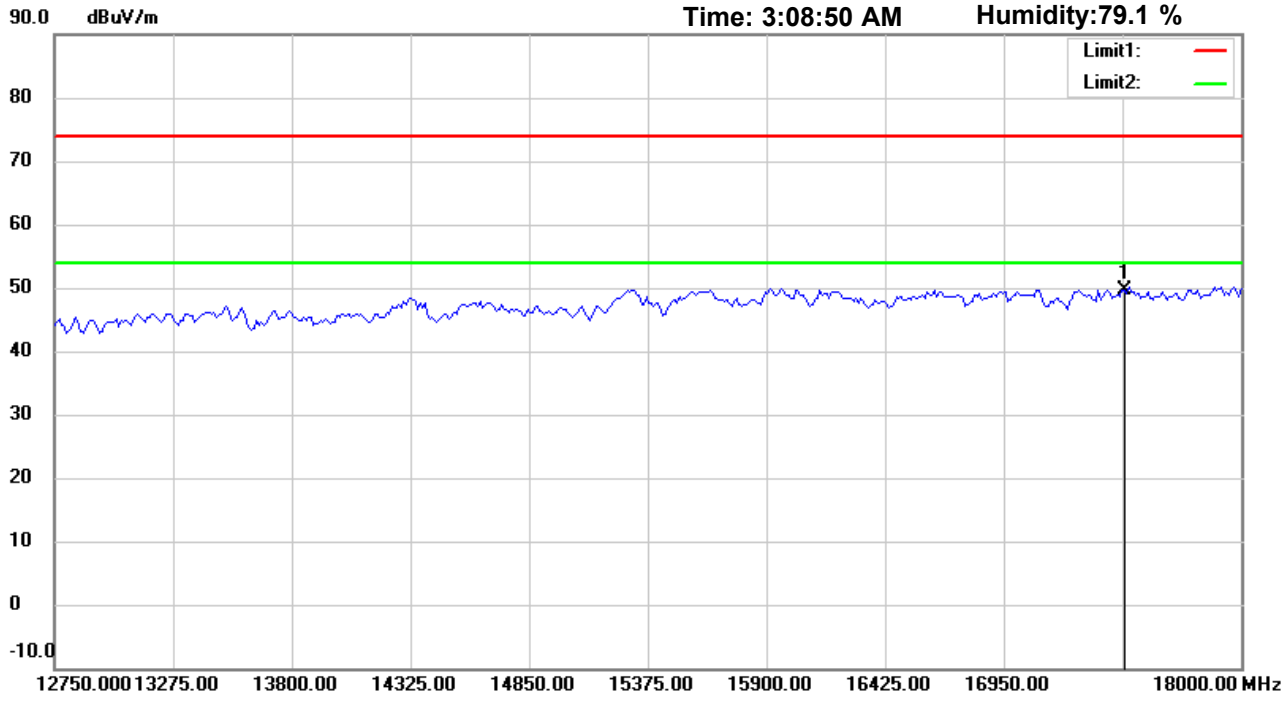
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/15/2018 Time: 3:08:50 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17475.000	27.17	peak	22.50	49.67	74.00	150	215	-24.33	

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

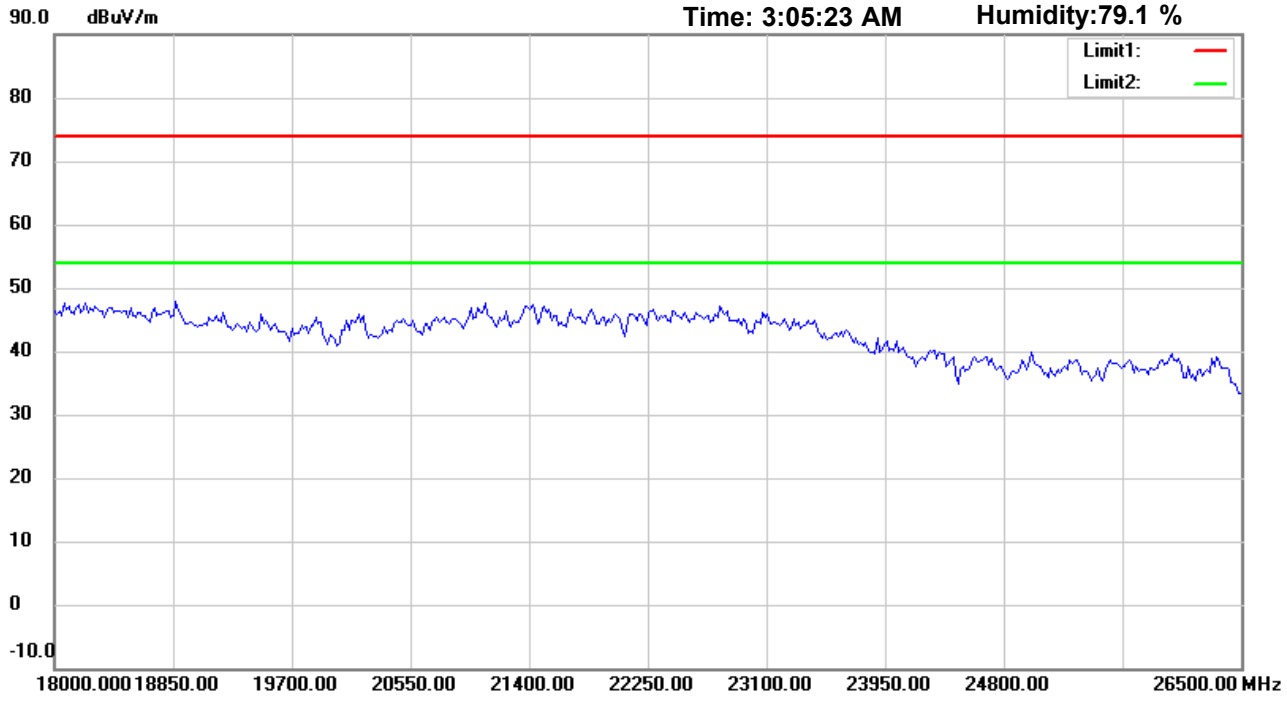
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/15/2018 Time: 3:05:23 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

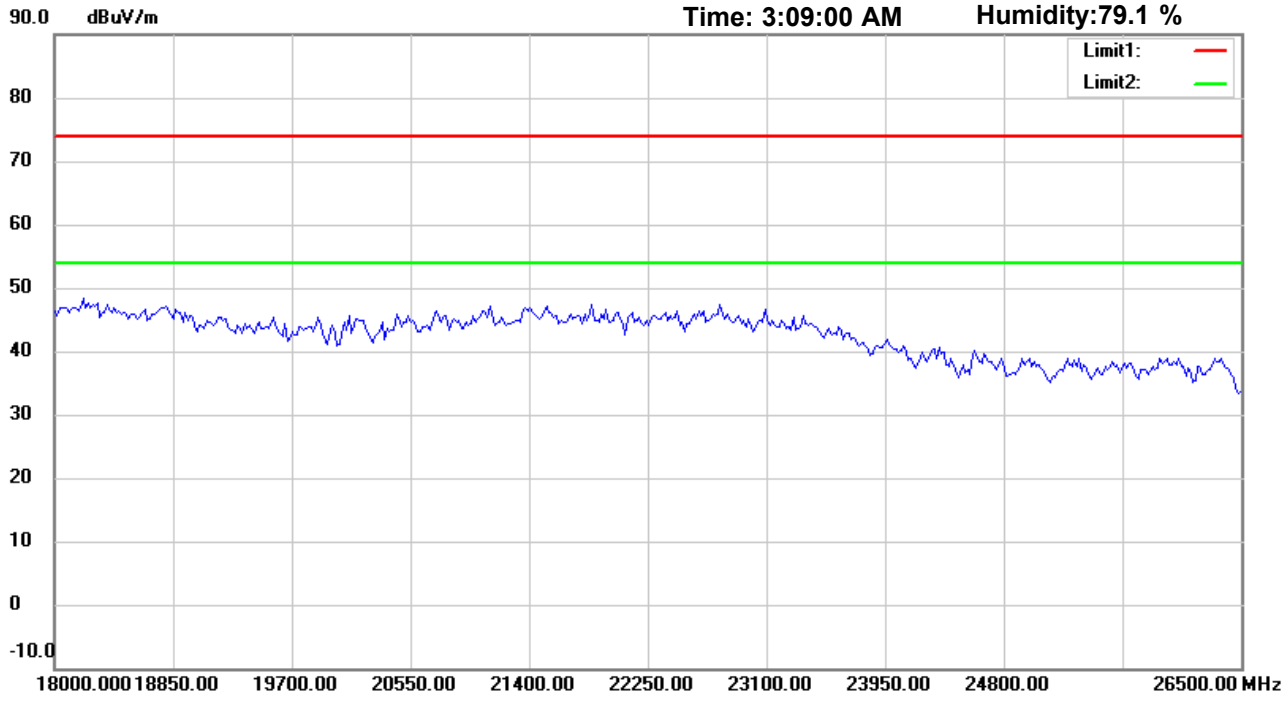
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/15/2018 Time: 3:09:00 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

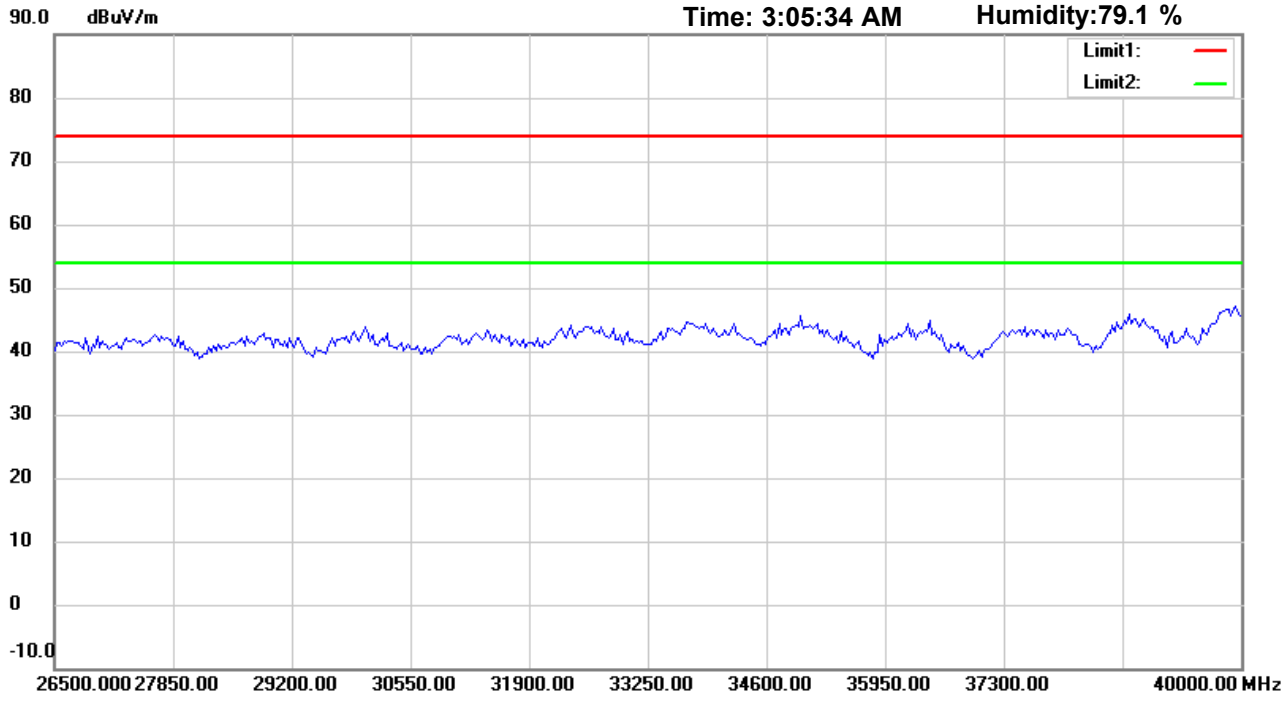
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/15/2018 Time: 3:05:34 AM Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n20 CH165

Note :

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

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

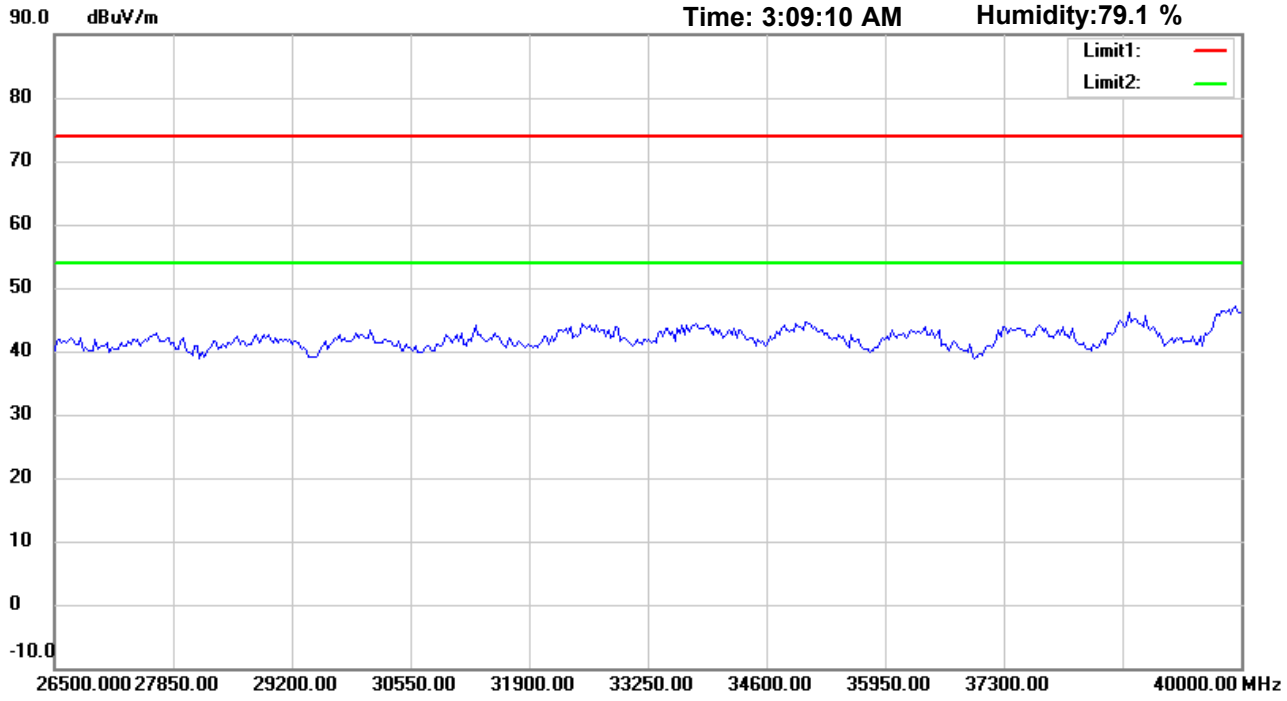
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/15/2018 Time: 3:09:10 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n20 CH165

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

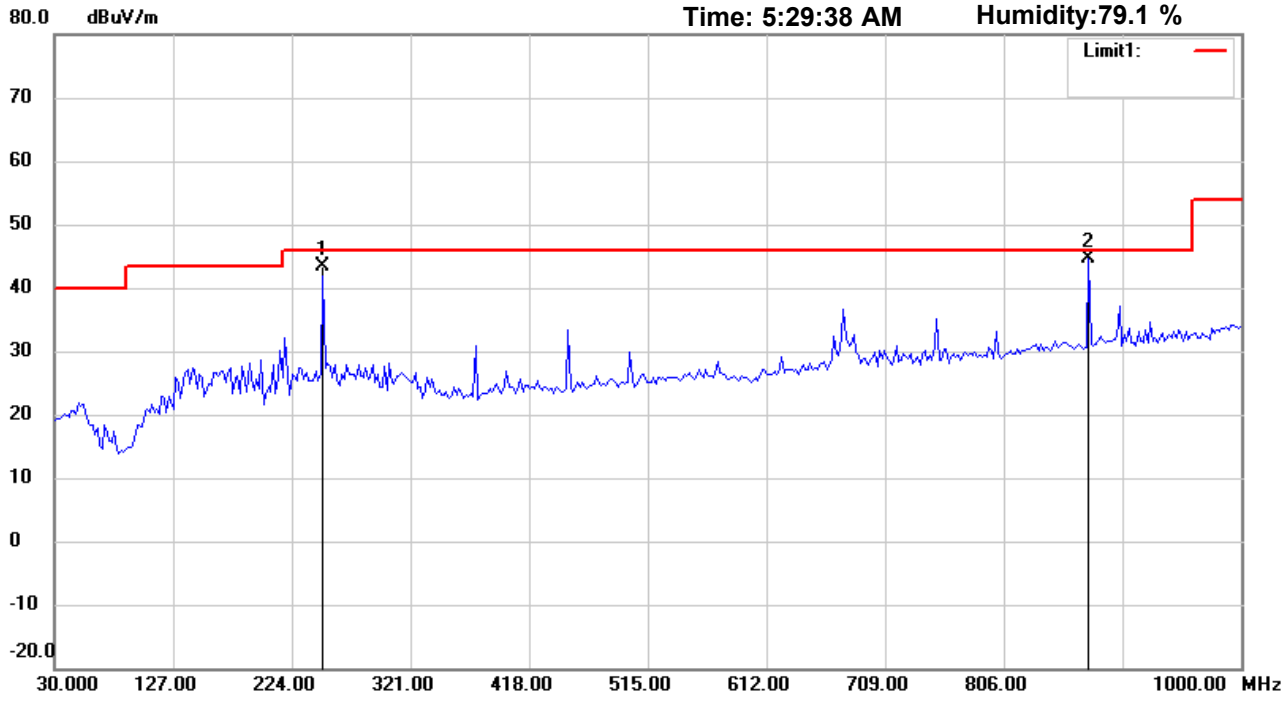
*:Maximum data x:Over limit !:over margin

ANT 1+2
The worst case

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

Radiated Emission Measurement

Operator: Allen
File :1 Data :#1 Date: 12/15/2018 Temperature:18.1 ℃
Time: 5:29:38 AM Humidity:79.1 %



Site : Chamber
Condition : FCC_part 15 RE-Class E_30-1000MHz
EUT : W6M21811-18613
M/N:
Test Mode : TX 802.11n40 CH38
Note :

Polarization: *Horizontal*
Power : 120 Va.c.
Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	249.6593	50.69	QP	-7.39	43.30	46.00	125	310	-2.70	
*	875.5912	40.17	peak	4.40	44.57	46.00	100	10	-1.43	

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

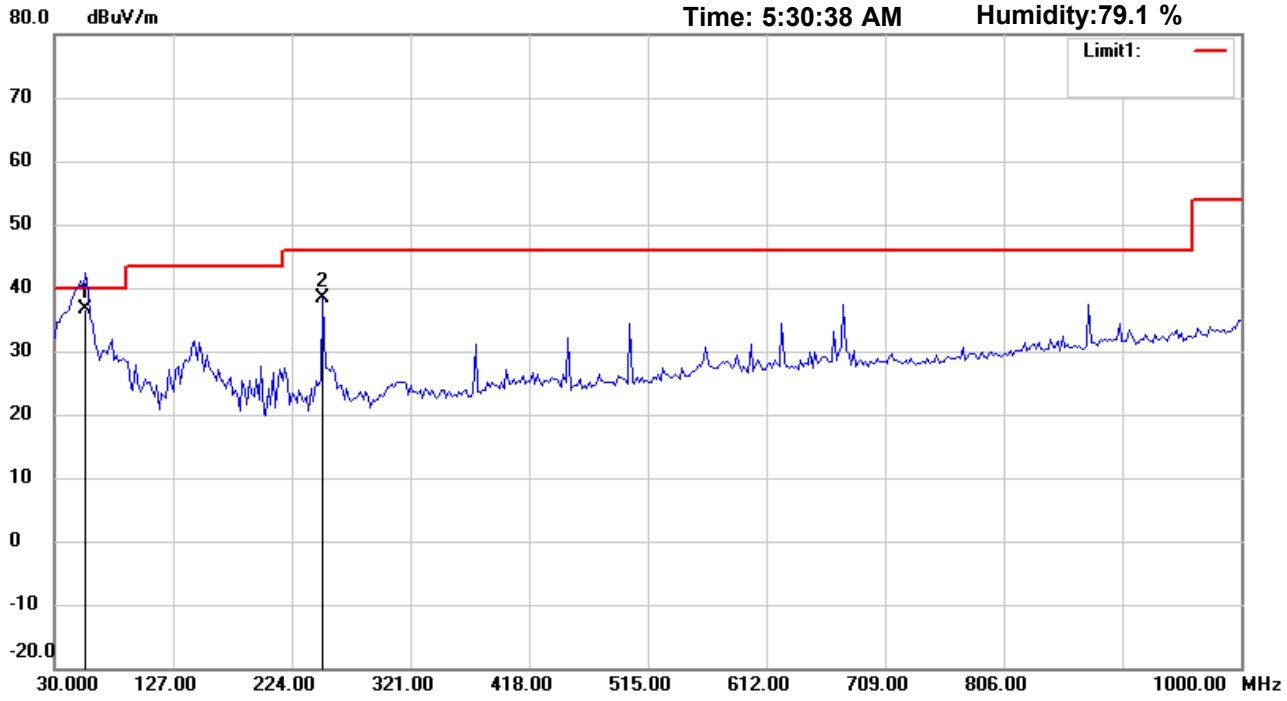
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :1 Data :#2 Date: 12/15/2018 Time: 5:30:38 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15 RE-Class E_30-1000MHz

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	53.6715	47.09	QP	-10.58	36.51	40.00	100	65	-3.49	
	249.6593	45.75	peak	-7.39	38.36	46.00	100	180	-7.64	

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

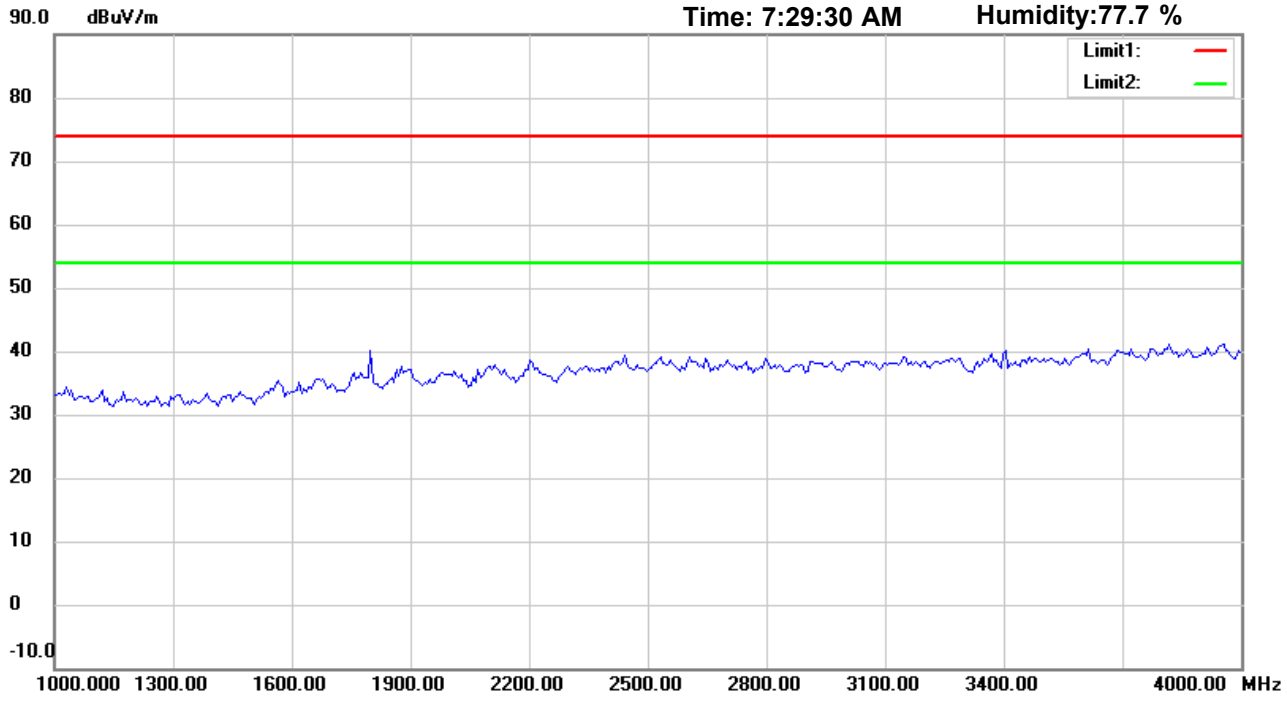
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/13/2018 Time: 7:29:30 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

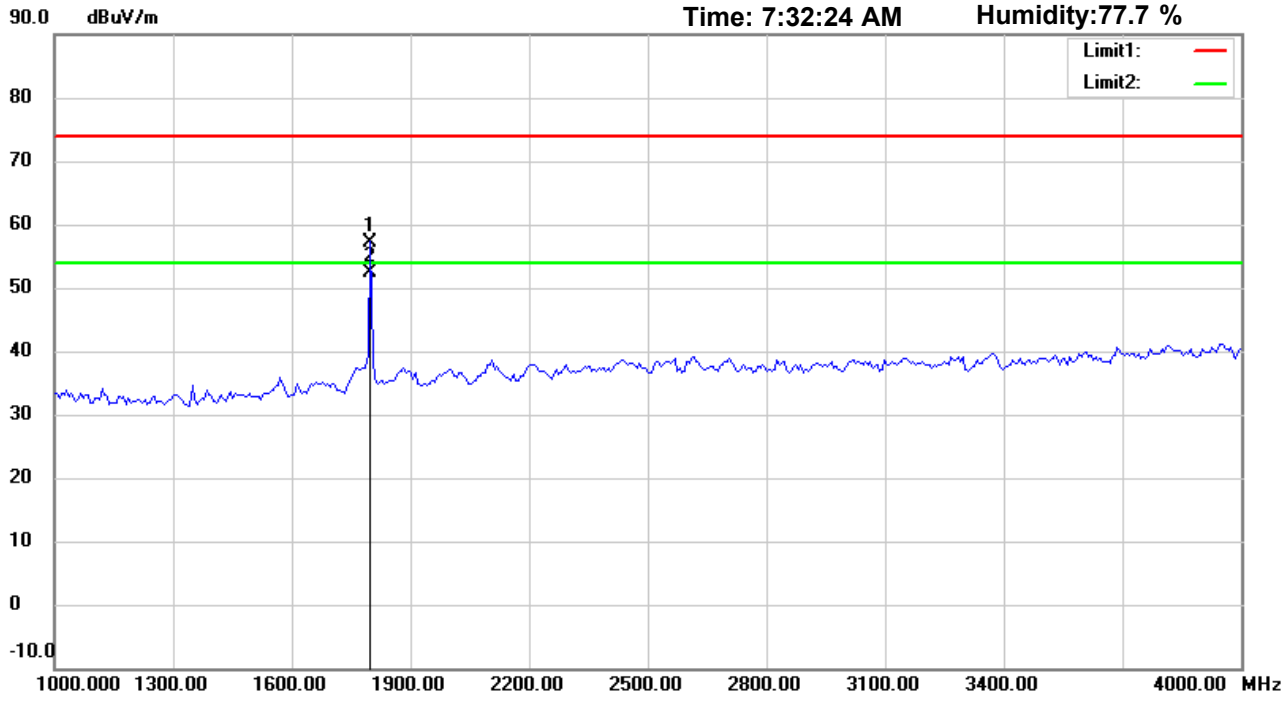
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/13/2018 Time: 7:32:24 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	63.57	peak	-6.52	57.05	74.00	170	310	-16.95	
*	1799.599	58.81	AVG	-6.52	52.29	54.00	170	310	-1.71	

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

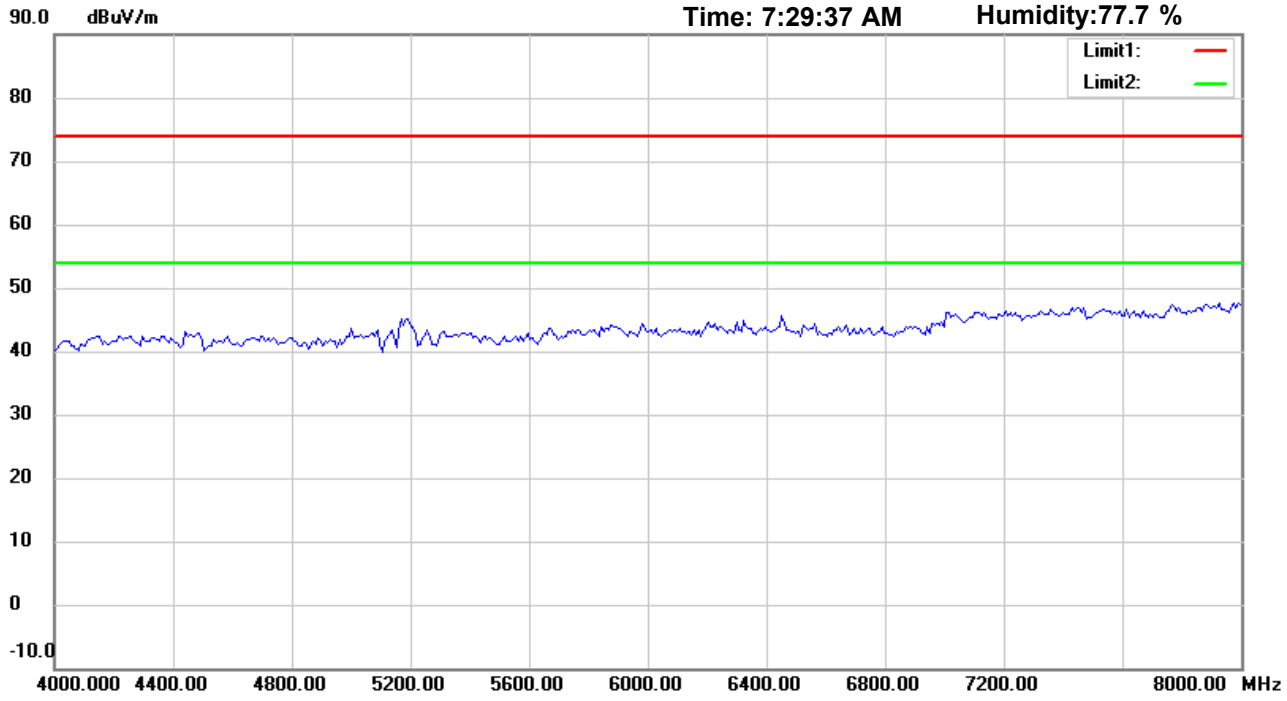
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/13/2018 Time: 7:29:37 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

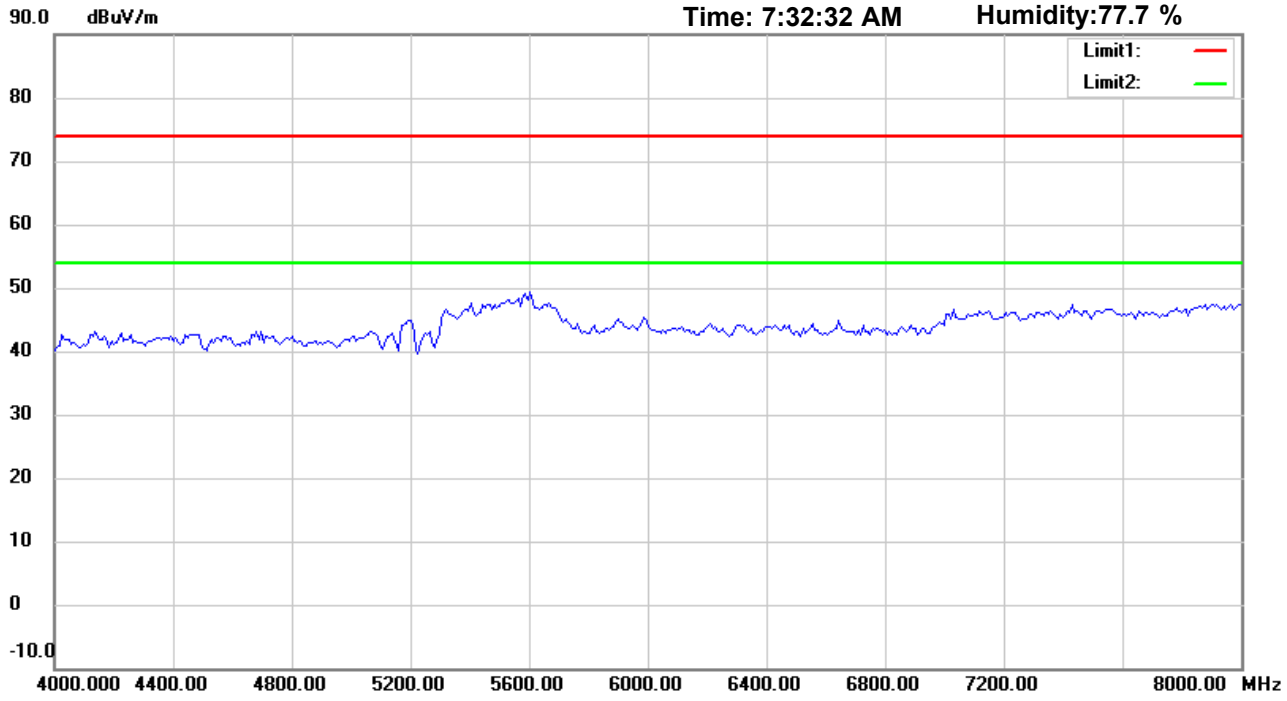
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/13/2018 Time: 7:32:32 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

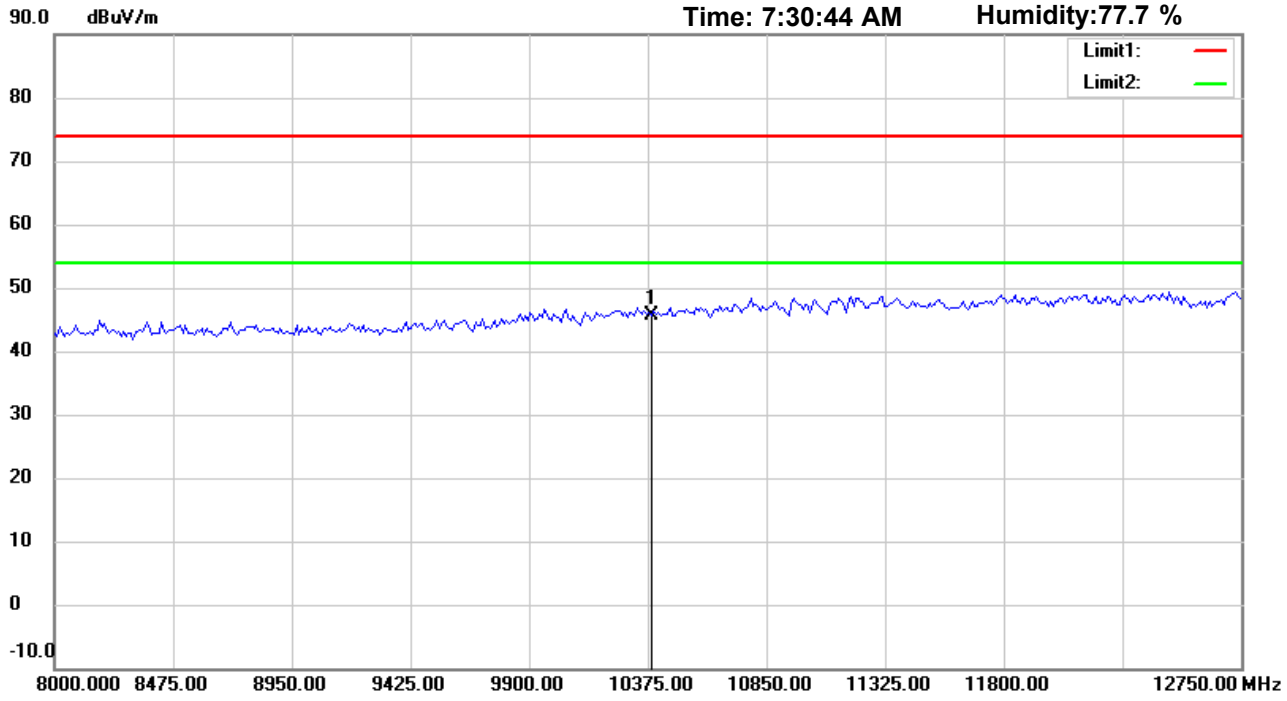
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/13/2018 Time: 7:30:44 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10380.000	35.50	peak	10.25	45.75	74.00	150	80	-28.25	

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

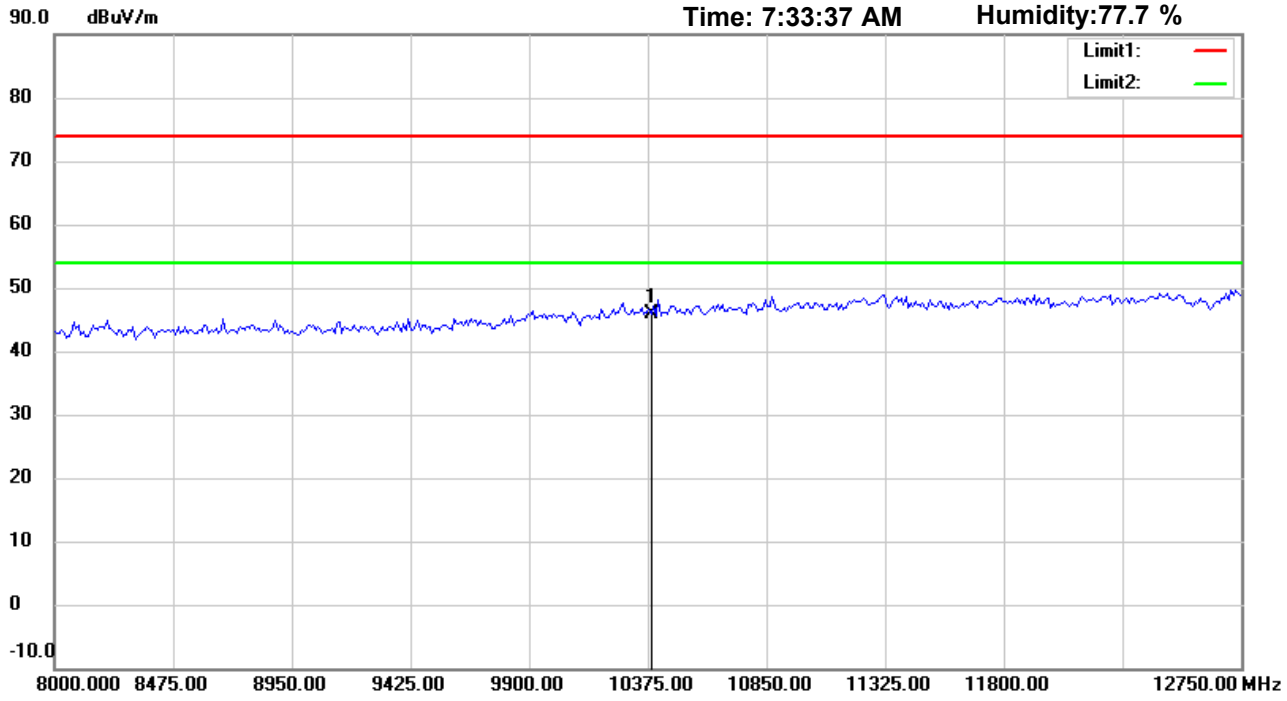
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/13/2018 Time: 7:33:37 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH38

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10380.000	35.62	peak	10.25	45.87	74.00	150	155	-28.13	

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

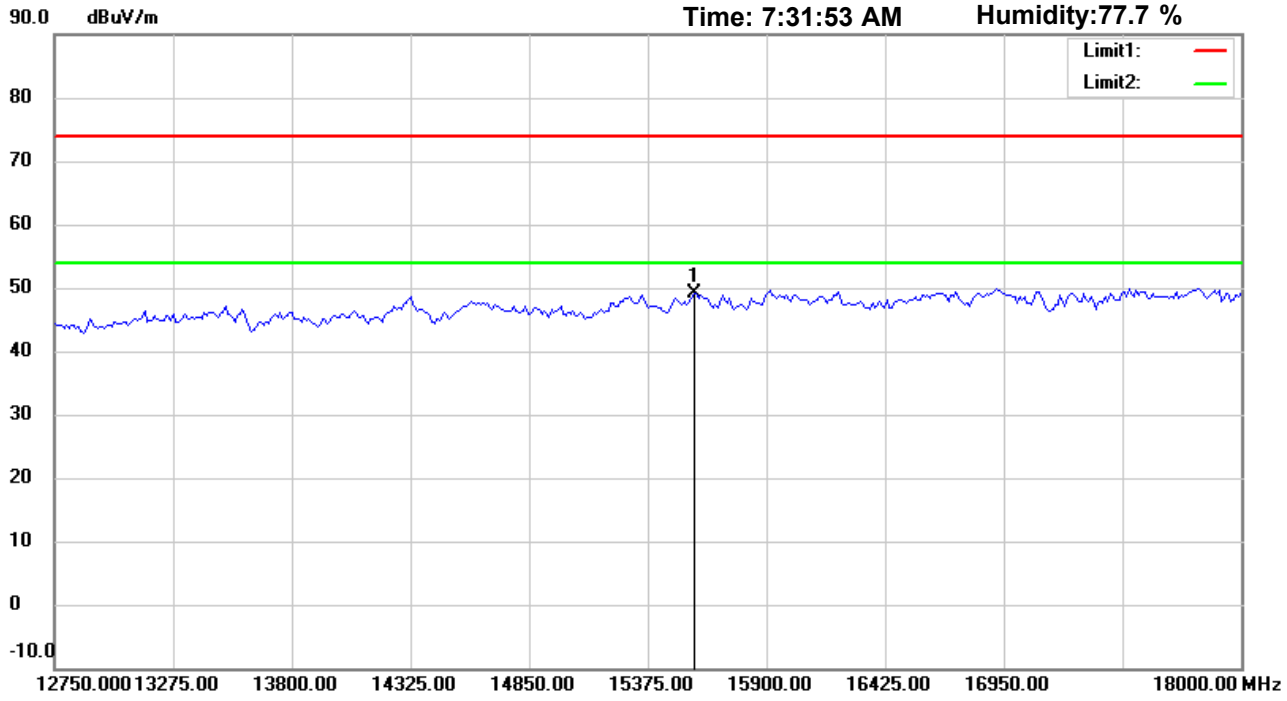
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/13/2018 Time: 7:31:53 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15570.000	28.45	peak	20.61	49.06	74.00	150	35	-24.94	

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

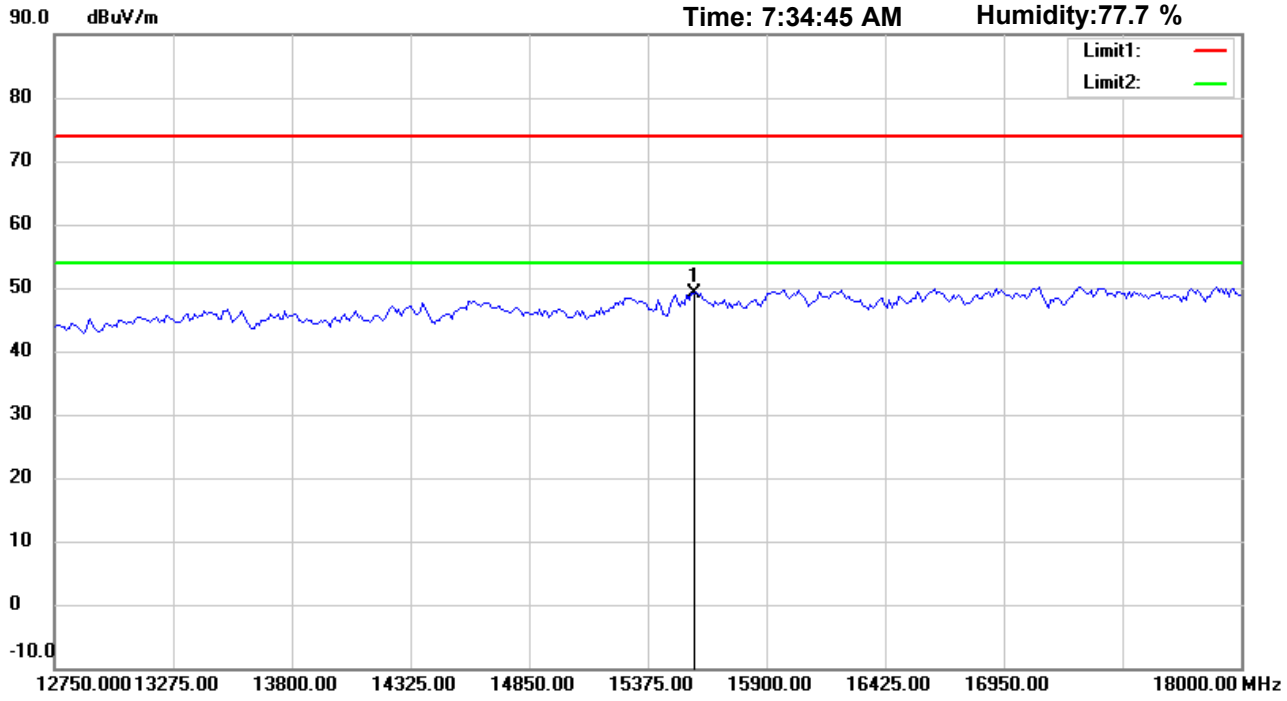
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/13/2018 Time: 7:34:45 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15570.000	28.58	peak	20.61	49.19	74.00	150	65	-24.81	

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

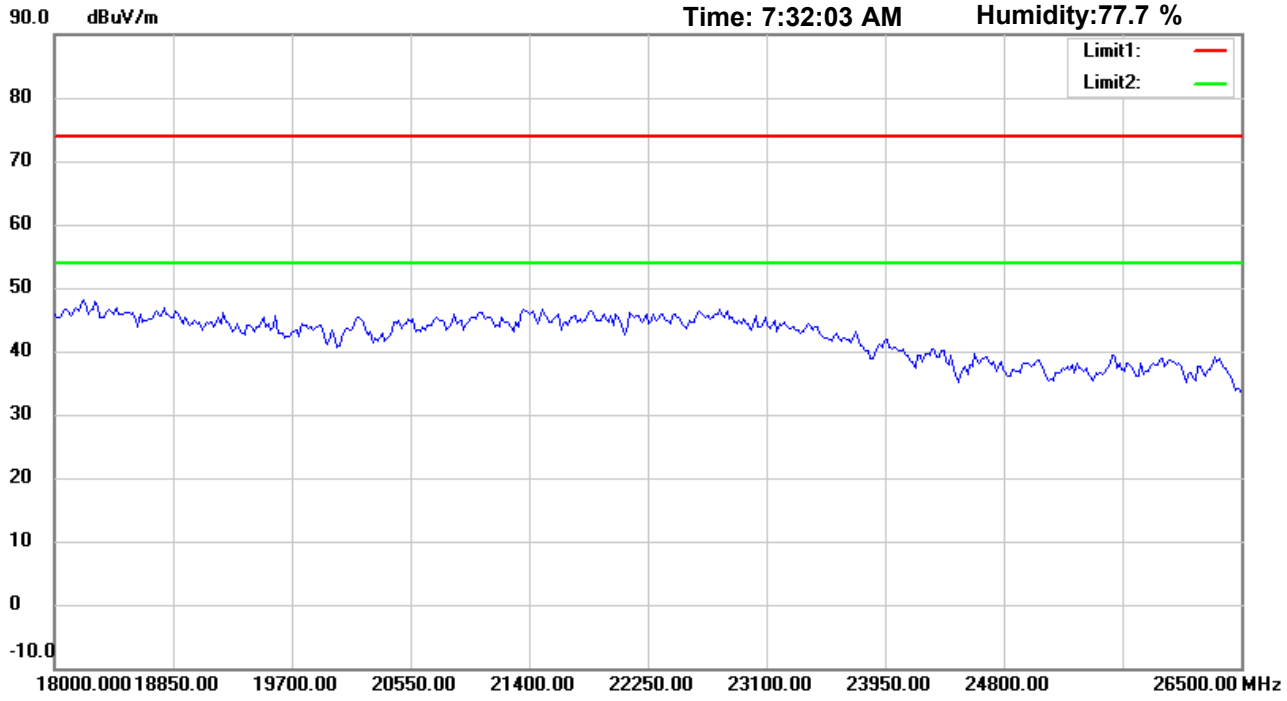
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/13/2018 Time: 7:32:03 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

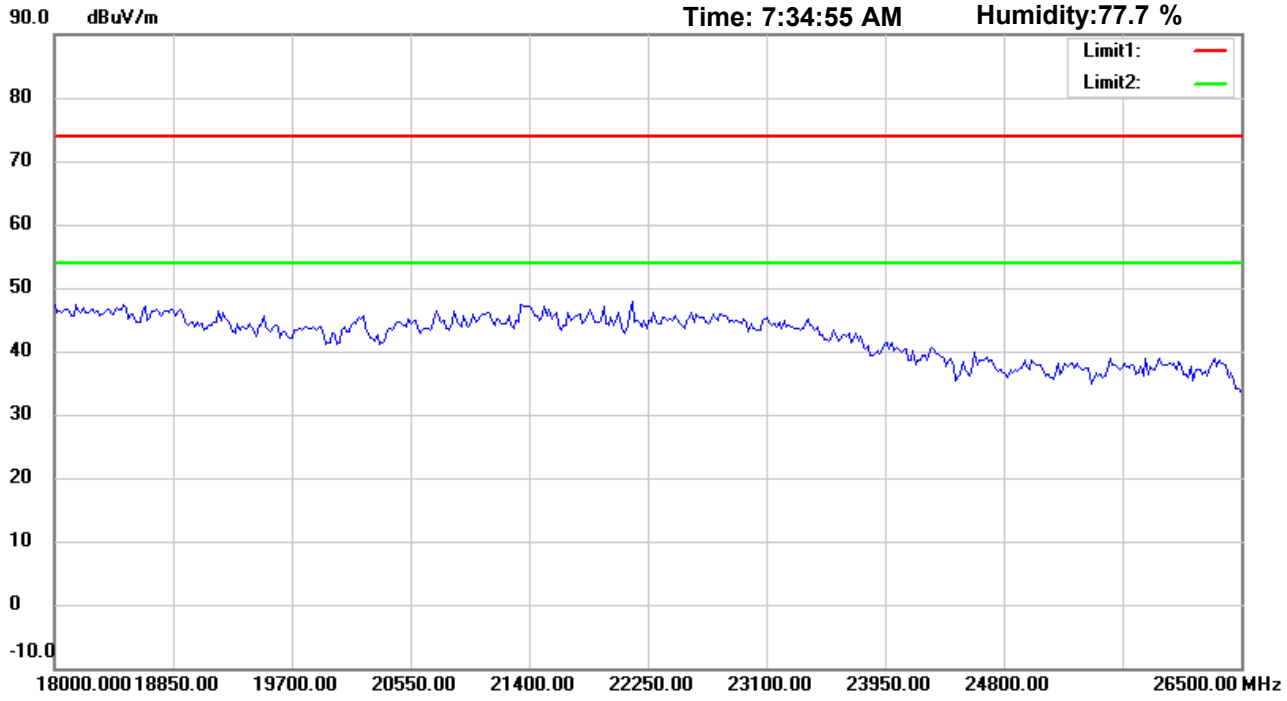
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/13/2018 Time: 7:34:55 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

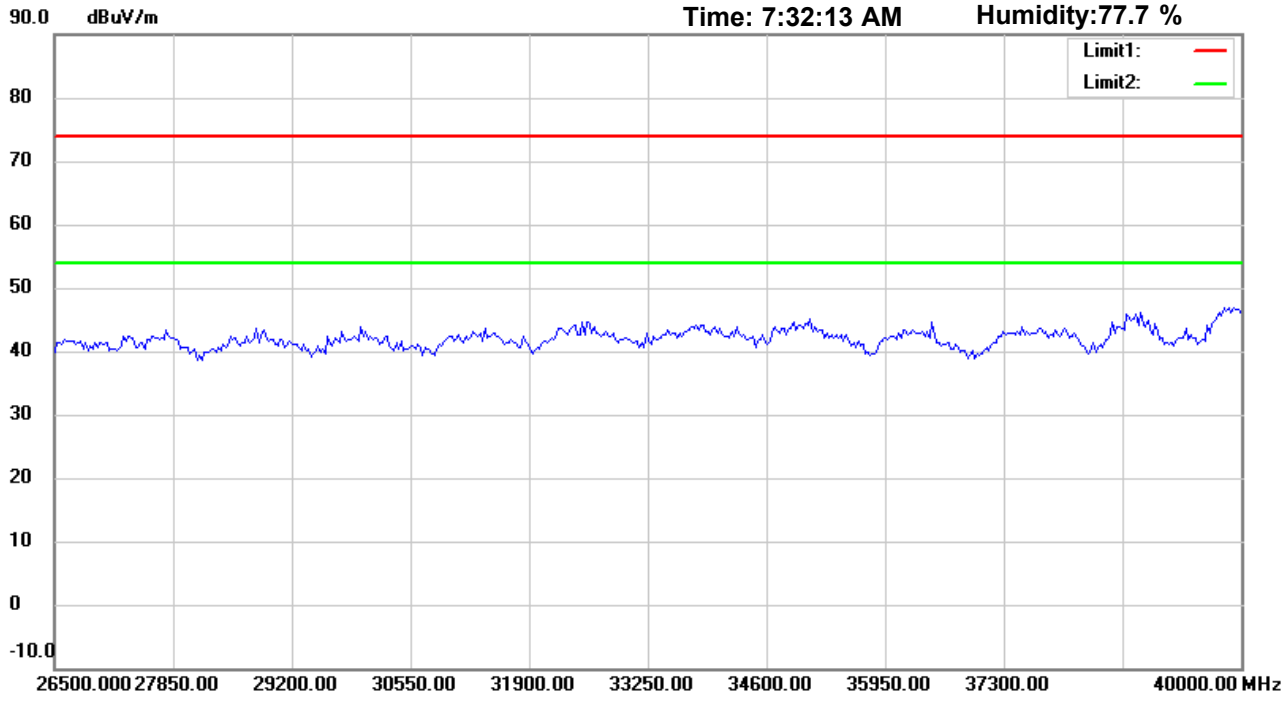
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/13/2018 Time: 7:32:13 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

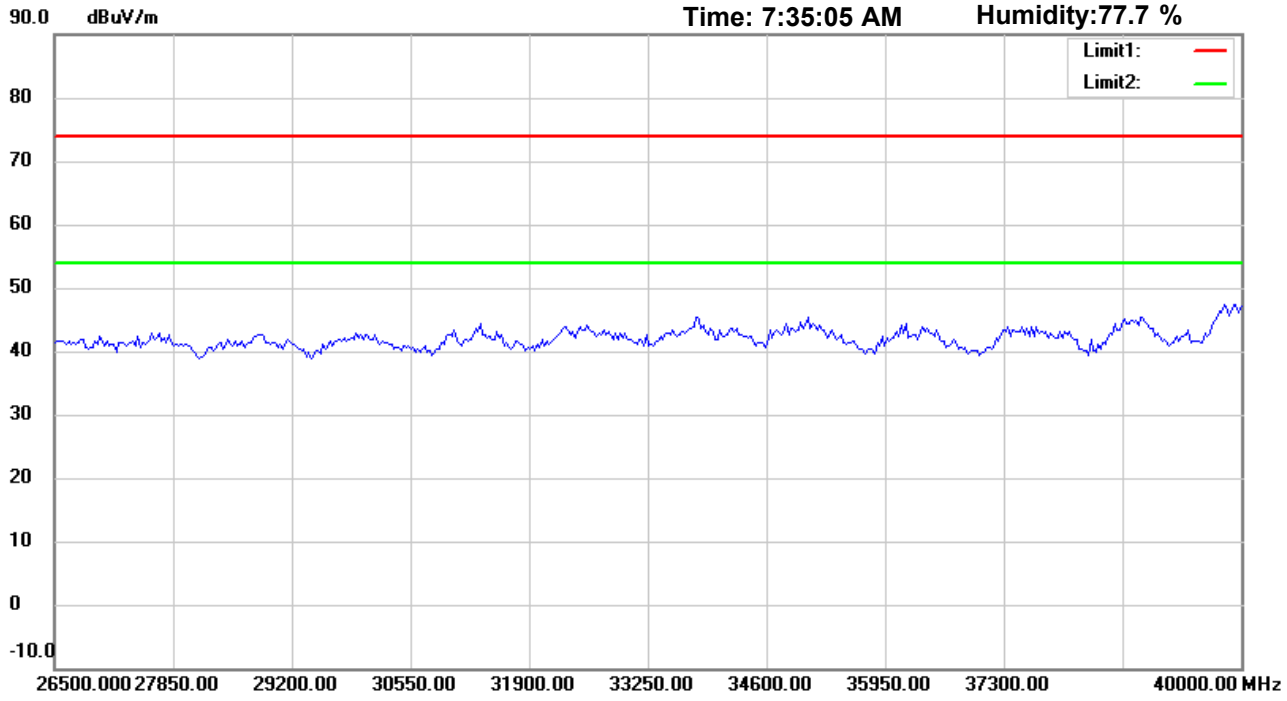
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/13/2018 Time: 7:35:05 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH38

Note :

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

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

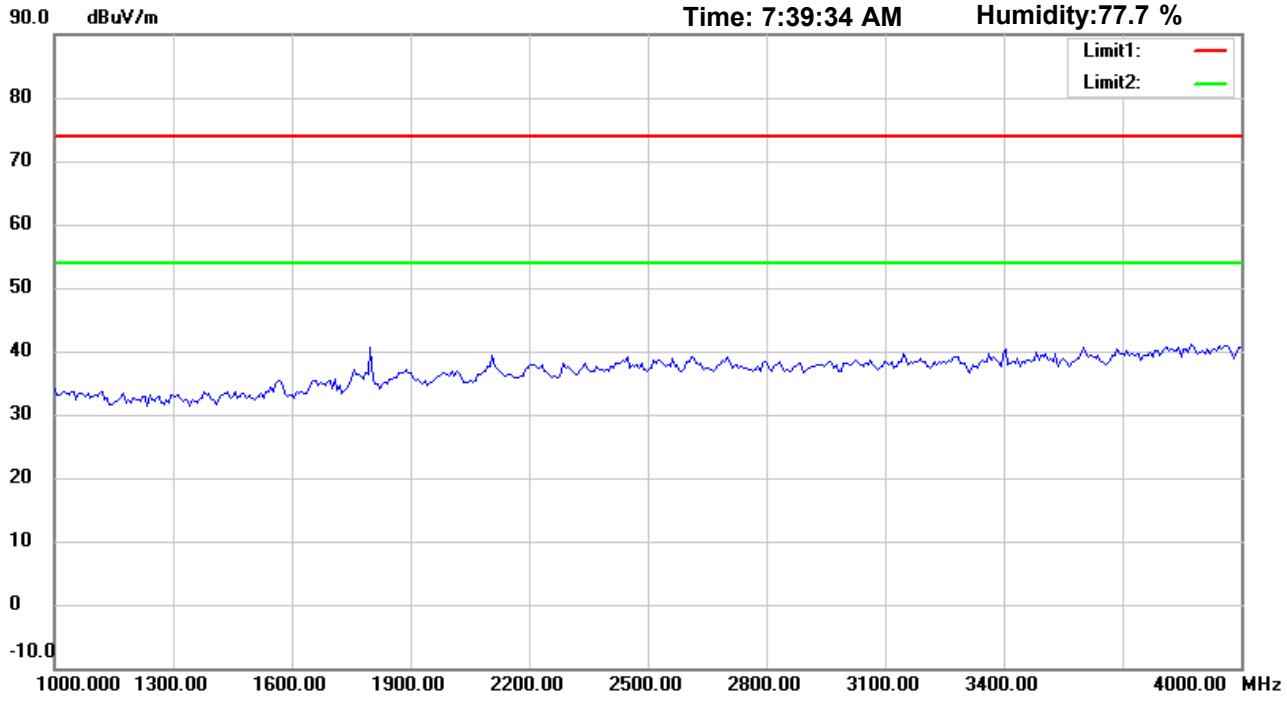
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/13/2018 Time: 7:39:34 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

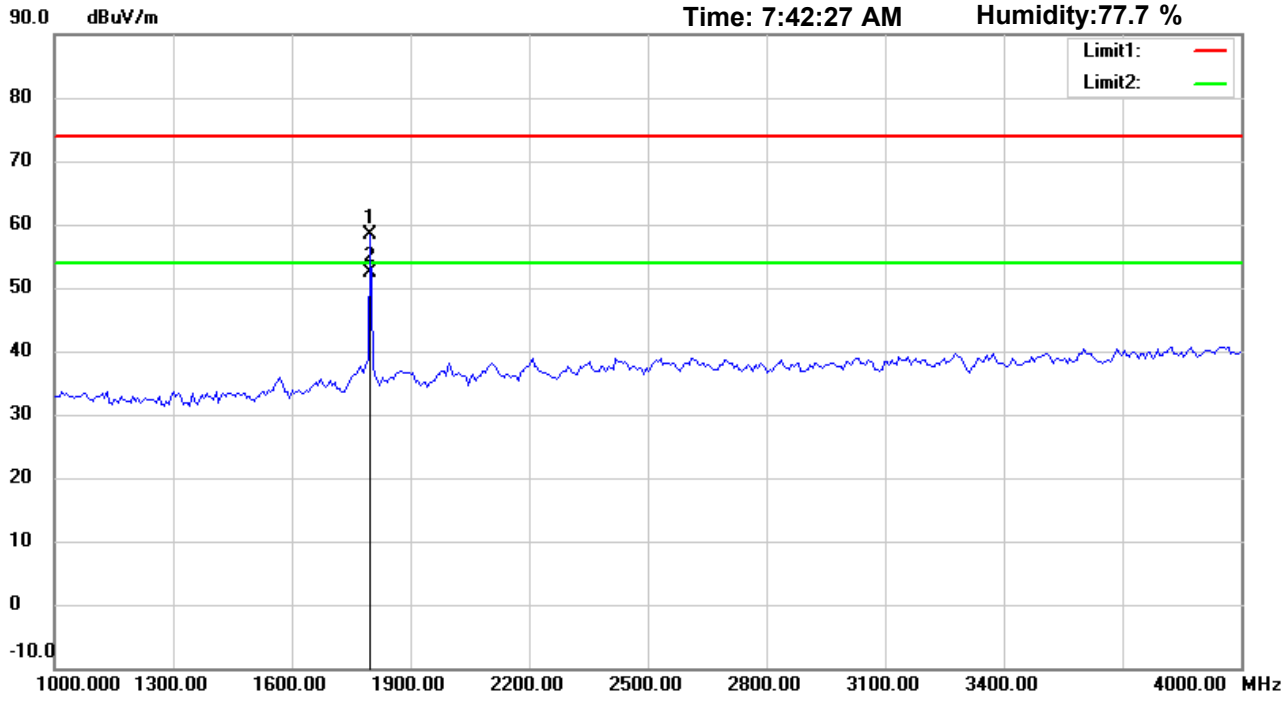
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/13/2018 Time: 7:42:27 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH46

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.87	peak	-6.52	58.35	74.00	150	175	-15.65	
*	1799.599	58.90	AVG	-6.52	52.38	54.00	150	175	-1.62	

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

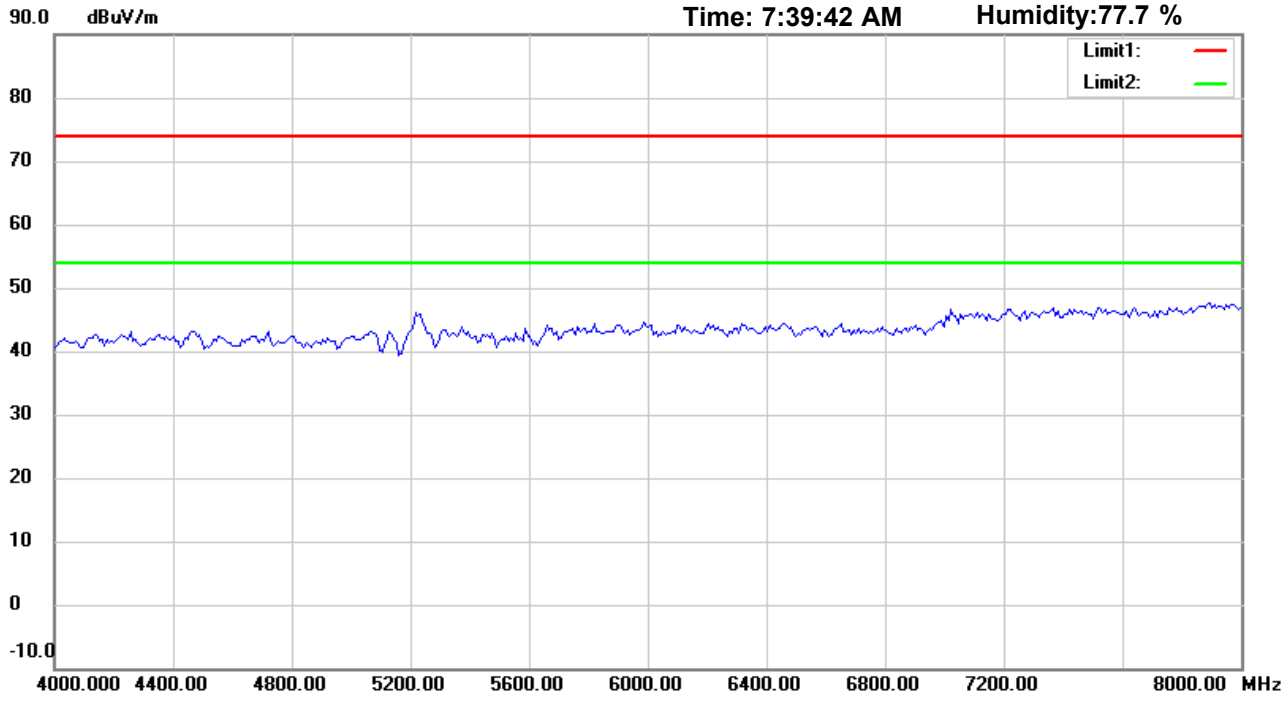
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/13/2018 Time: 7:39:42 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

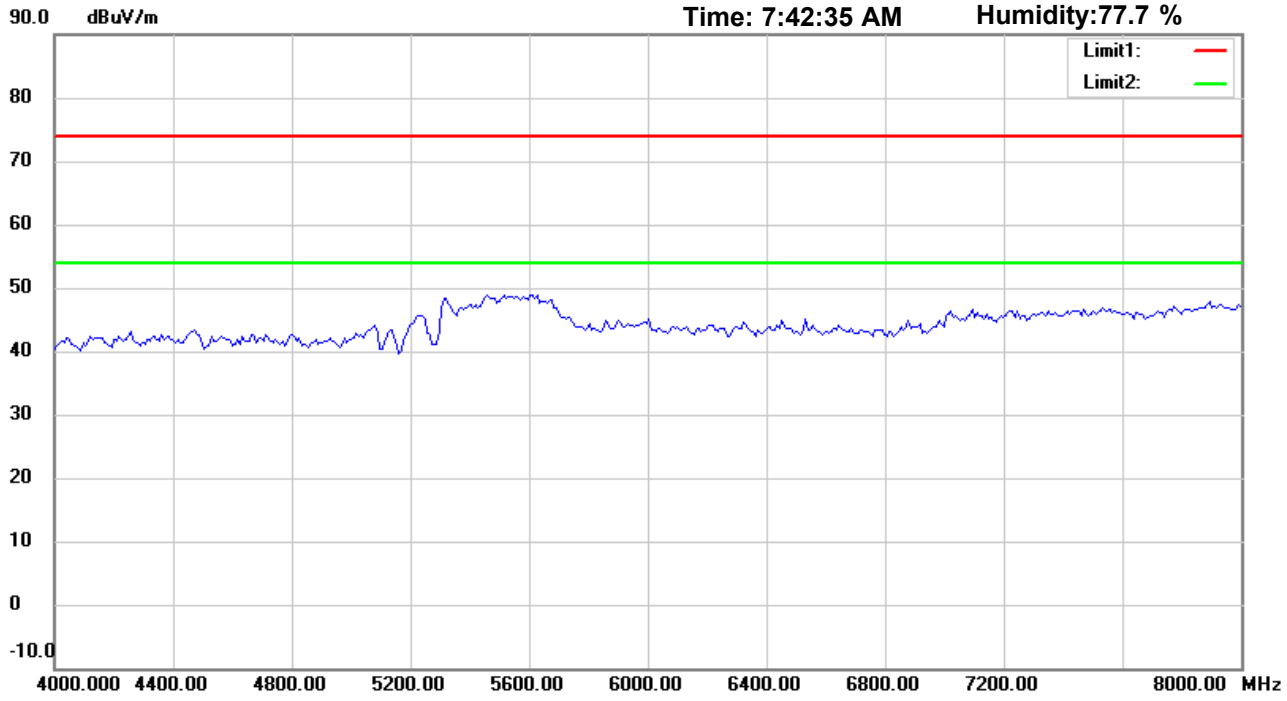
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/13/2018 Time: 7:42:35 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH46

Note :

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

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

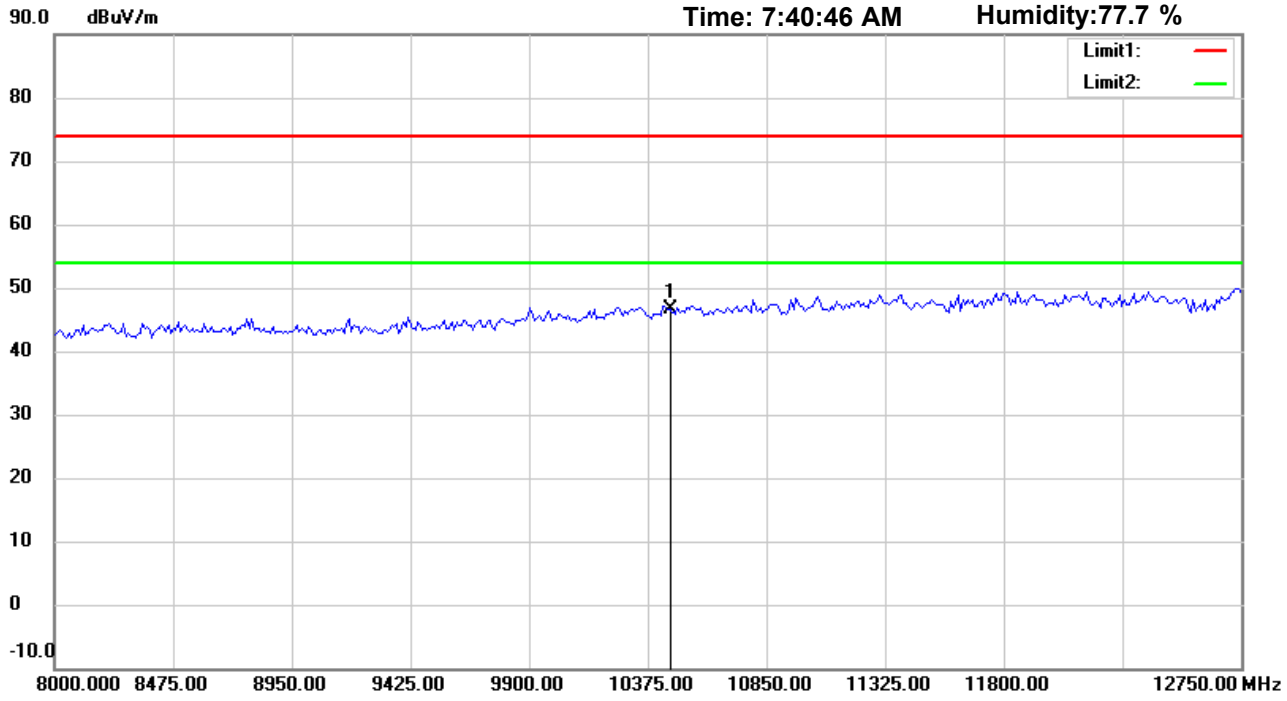
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/13/2018 Time: 7:40:46 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10460.000	35.77	peak	10.75	46.52	74.00	150	185	-27.48	

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

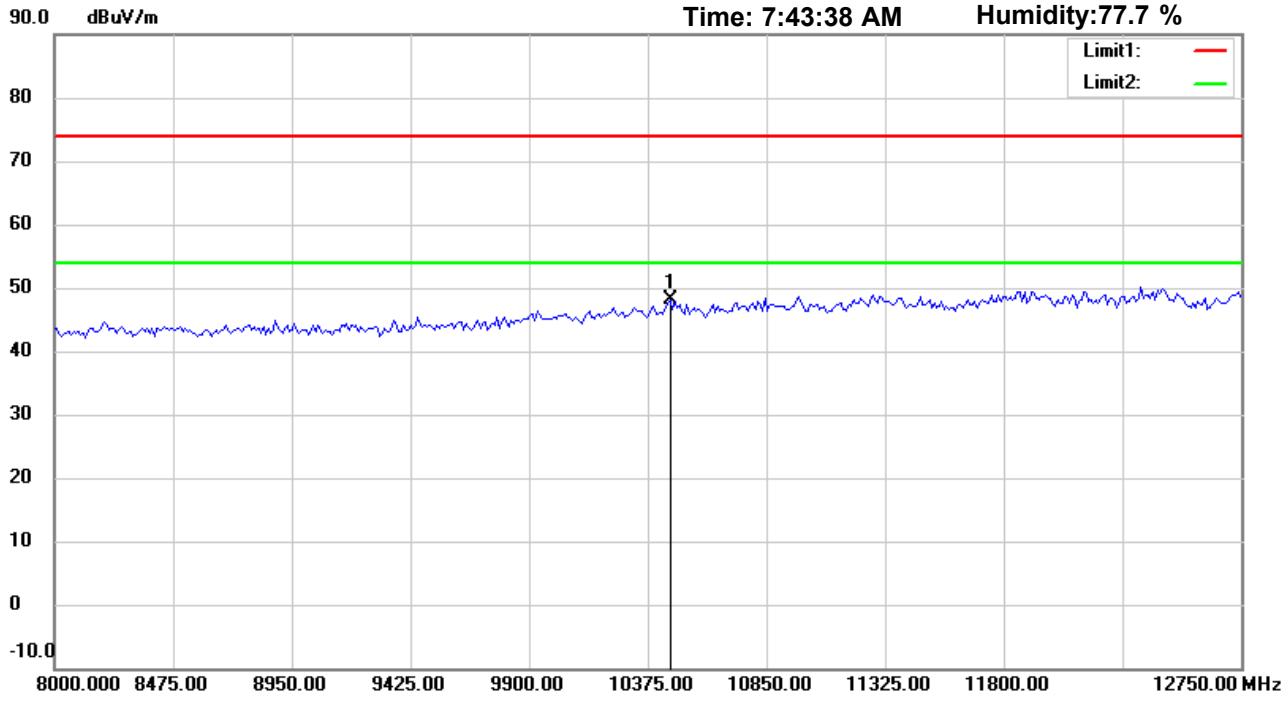
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/13/2018 Time: 7:43:38 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH46

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	10460.000	37.41	peak	10.75	48.16	74.00	150	300	-25.84	

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

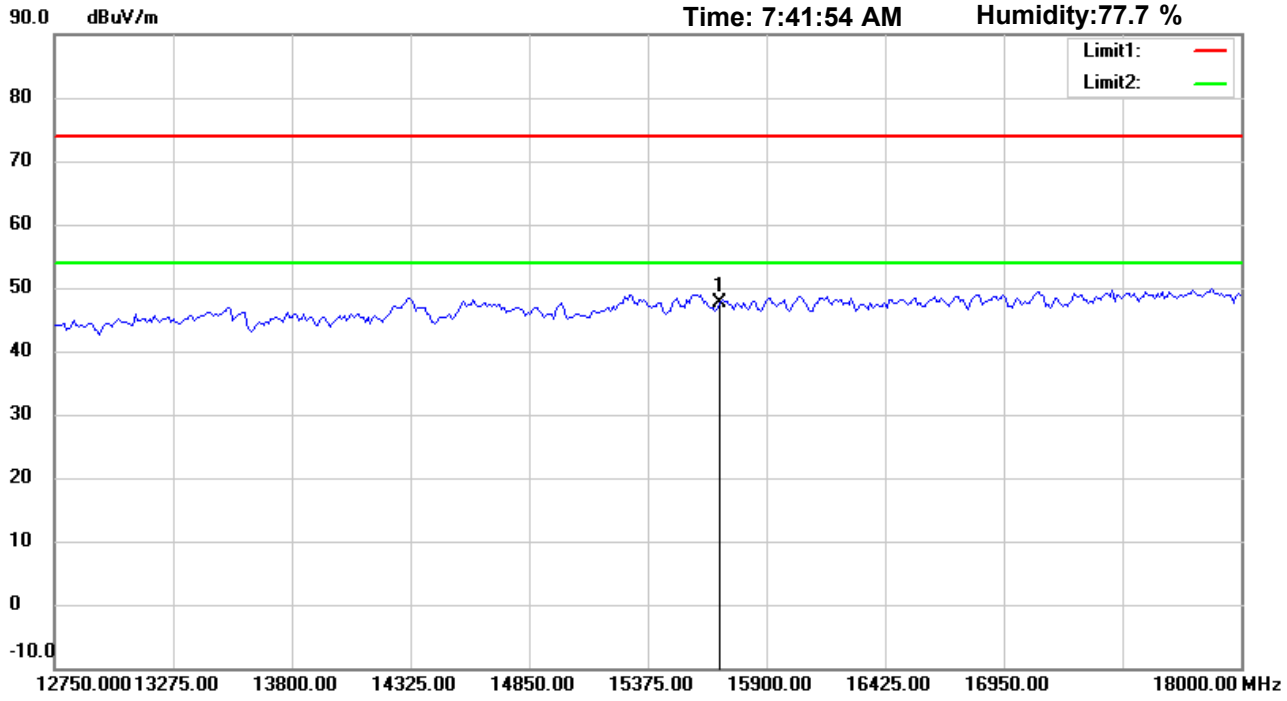
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/13/2018 Time: 7:41:54 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15690.000	28.54	peak	19.07	47.61	74.00	150	60	-26.39	

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

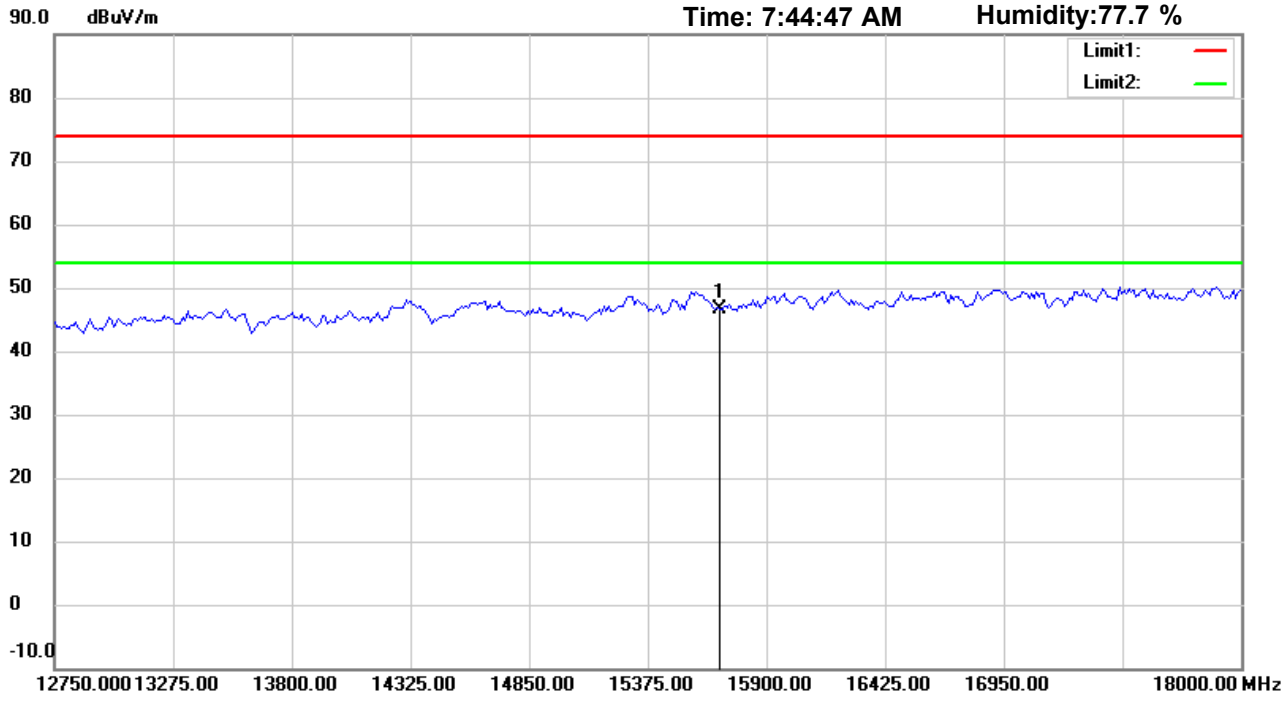
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/13/2018 Time: 7:44:47 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	15690.000	27.59	peak	19.07	46.66	74.00	150	45	-27.34	

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

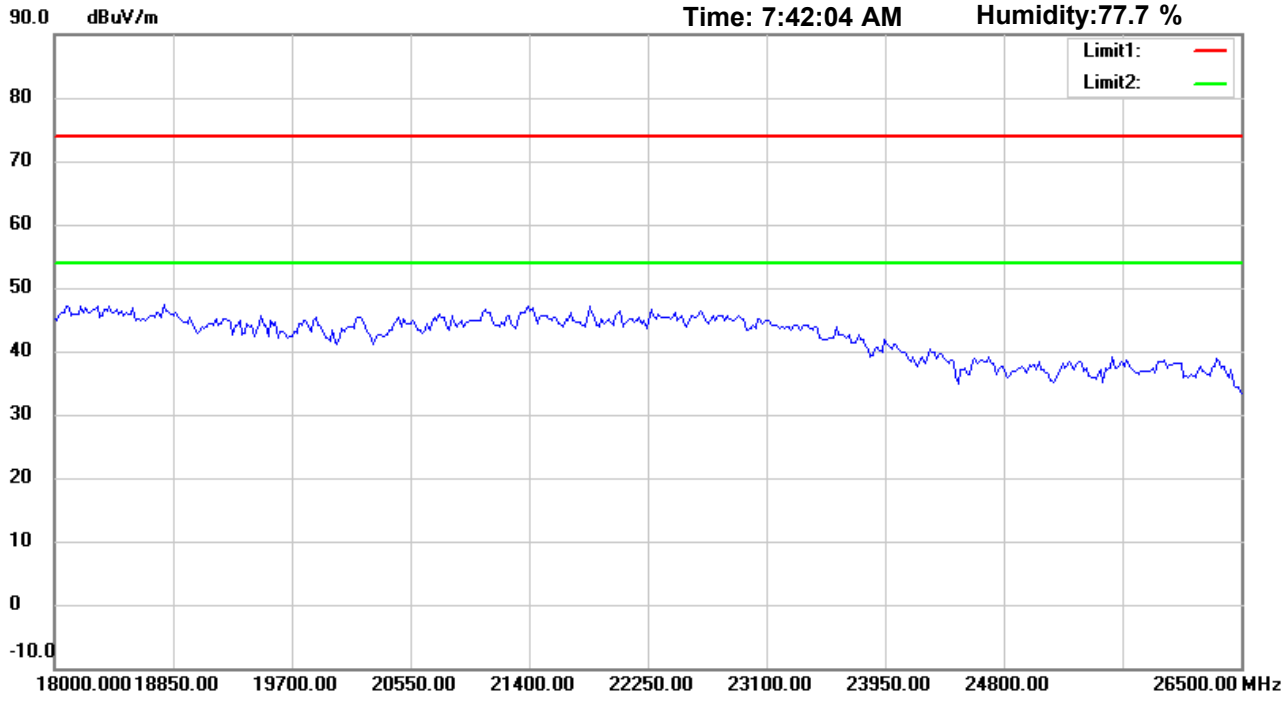
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/13/2018 Time: 7:42:04 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

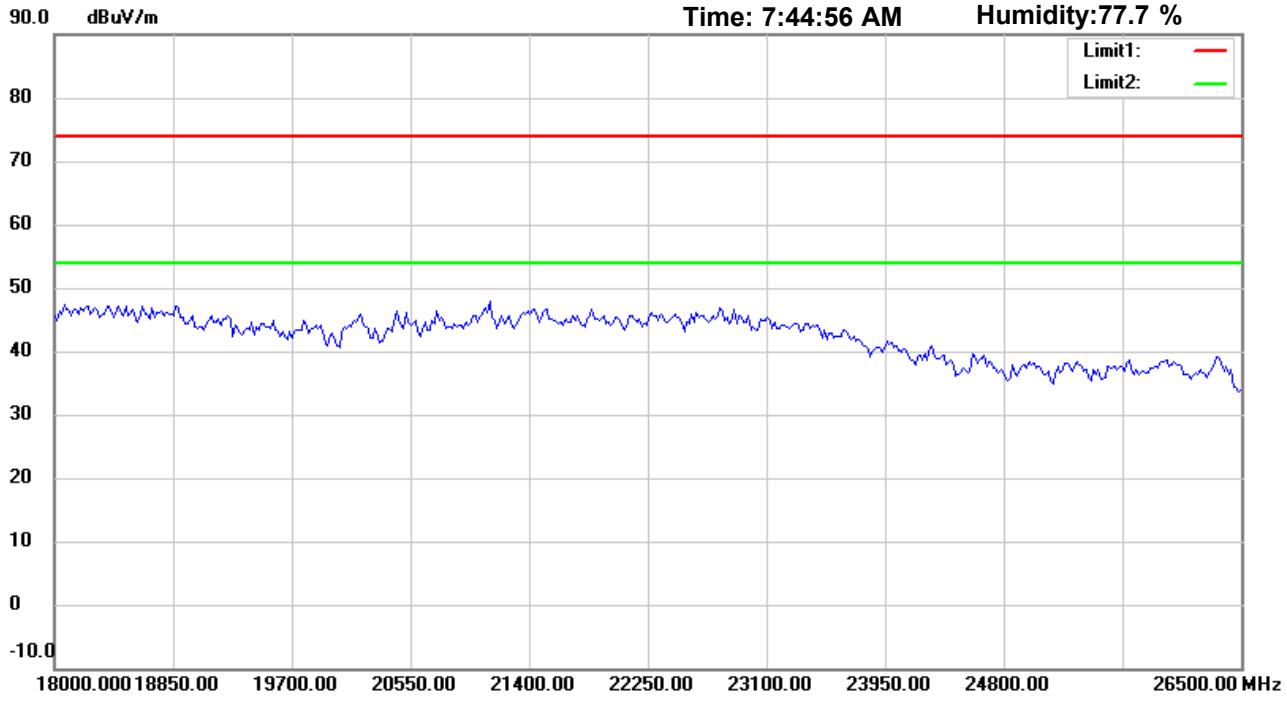
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/13/2018 Time: 7:44:56 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

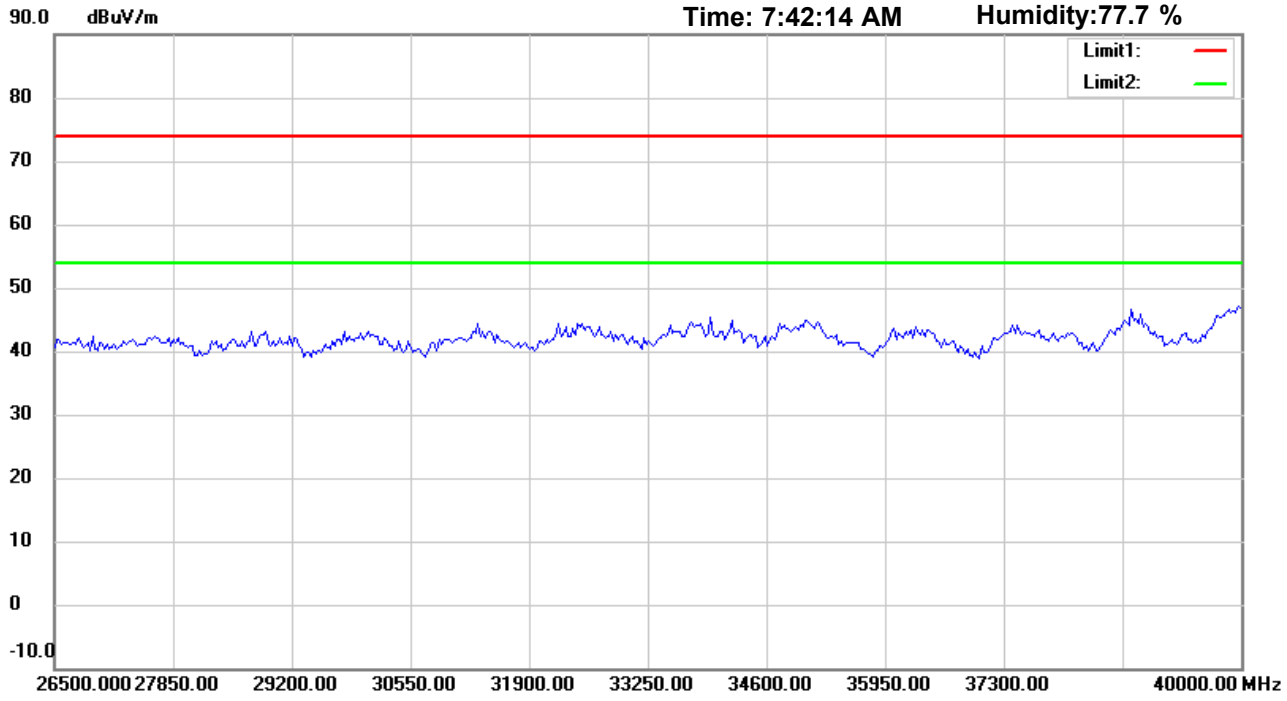
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/13/2018 Time: 7:42:14 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

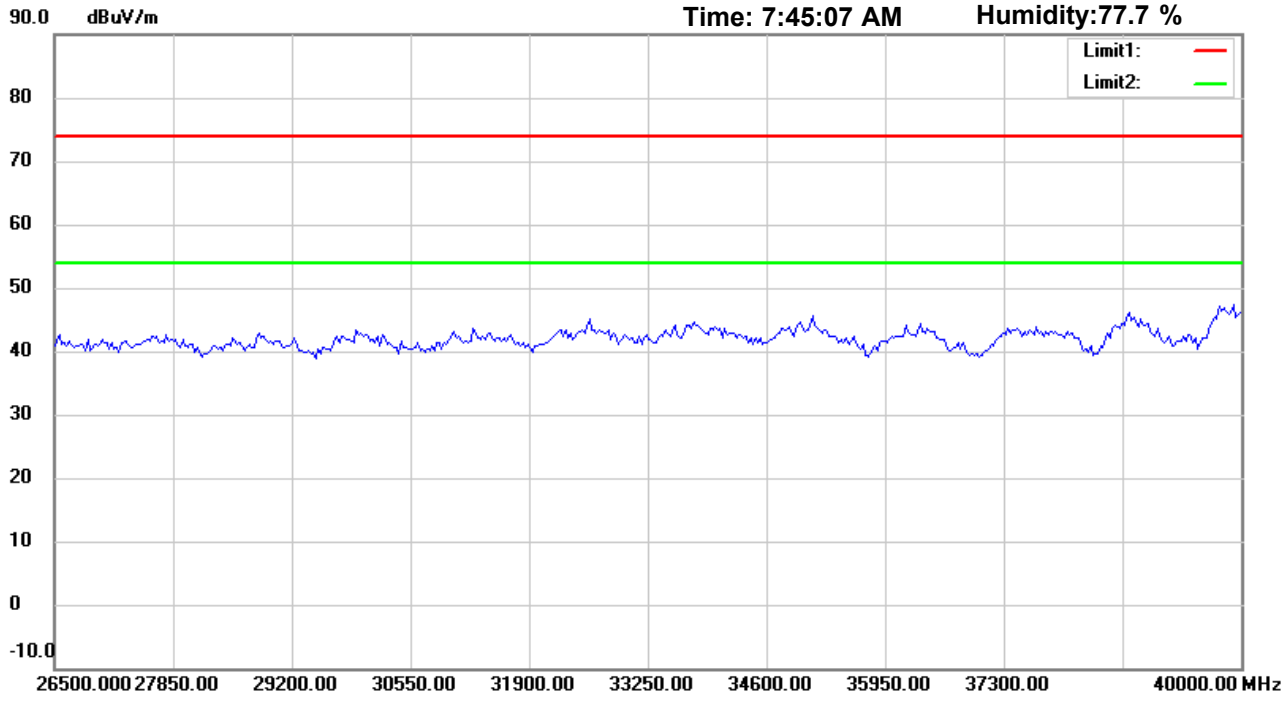
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/13/2018 Time: 7:45:07 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH46

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

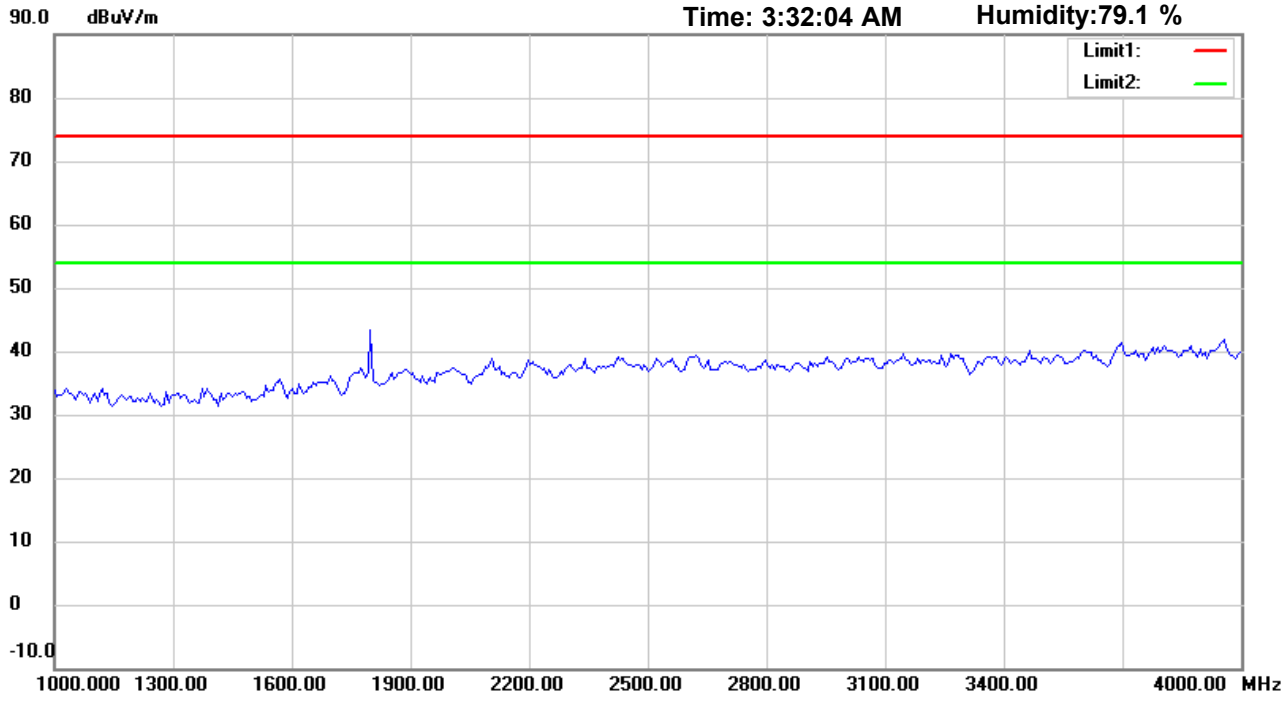
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/15/2018 Time: 3:32:04 AM Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH151

Note :

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

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

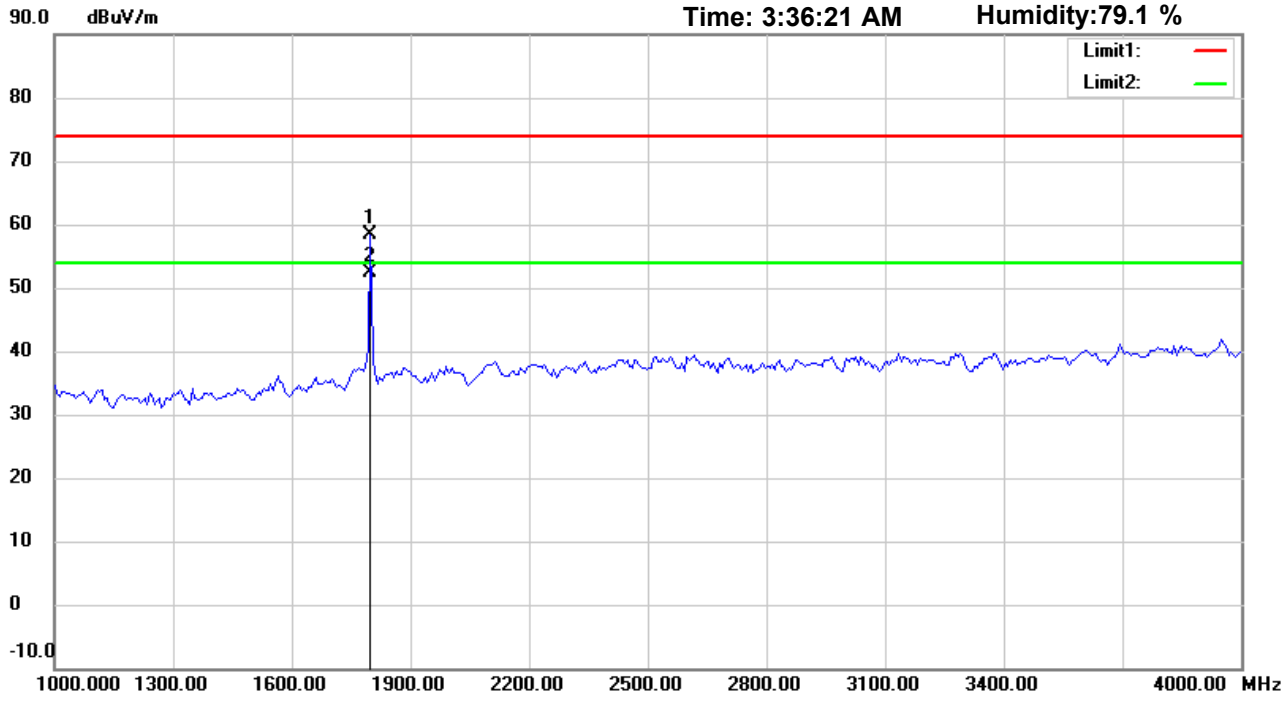
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/15/2018 Time: 3:36:21 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.82	peak	-6.52	58.30	74.00	150	70	-15.70	
*	1799.599	58.91	AVG	-6.52	52.39	54.00	150	70	-1.61	

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

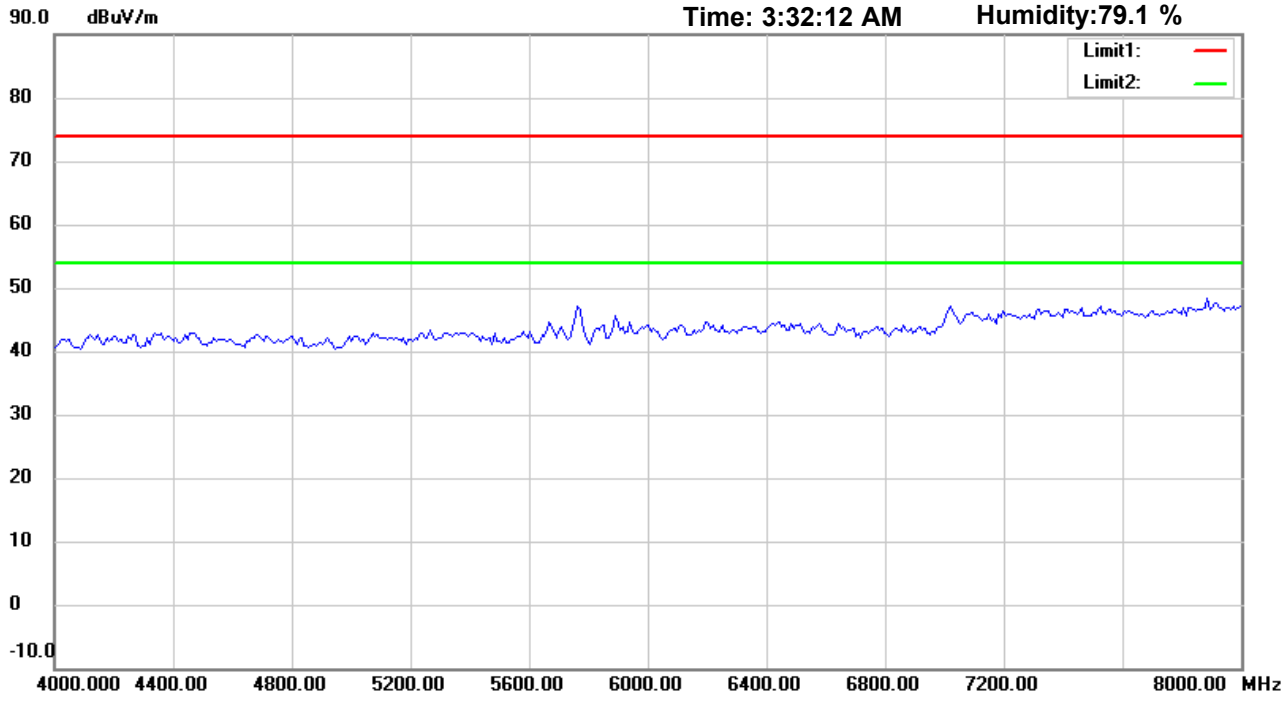
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/15/2018 Time: 3:32:12 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

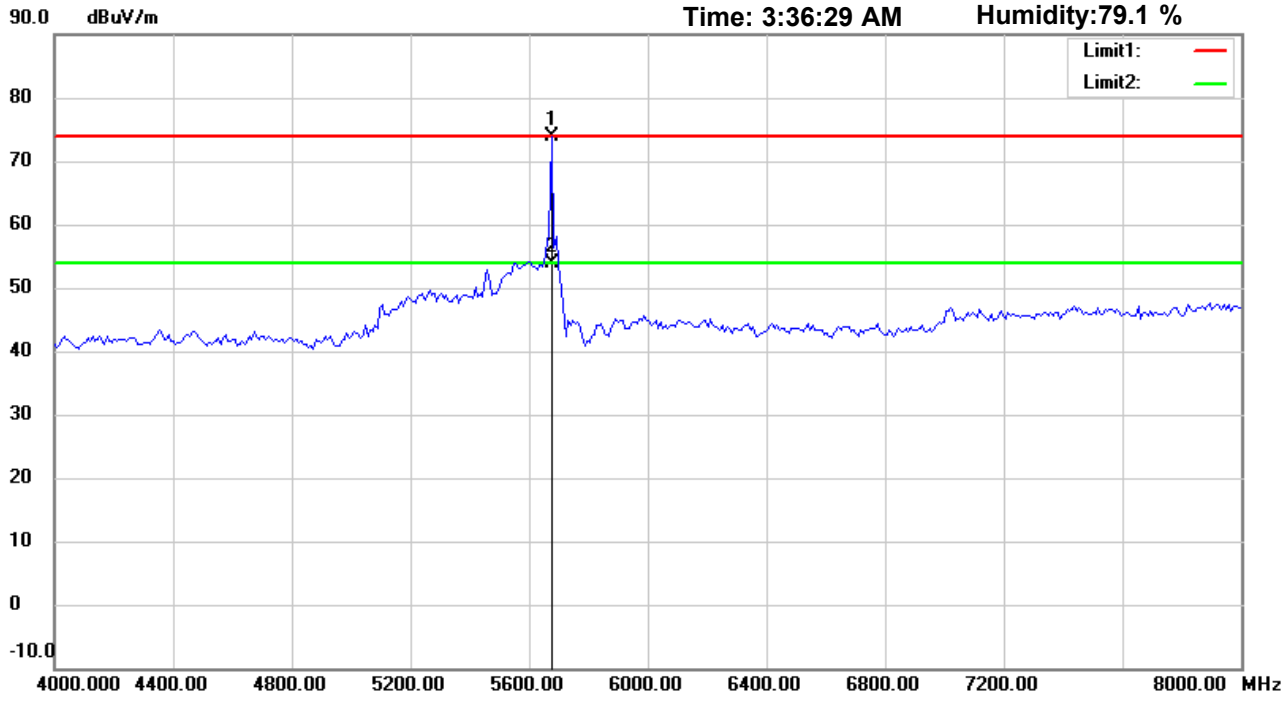
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/15/2018 Time: 3:36:29 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5668.933	70.62	peak	3.14	73.76	74.00	150	230	-0.24	
*	5668.933	50.77	AVG	3.14	53.91	54.00	150	230	-0.09	

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

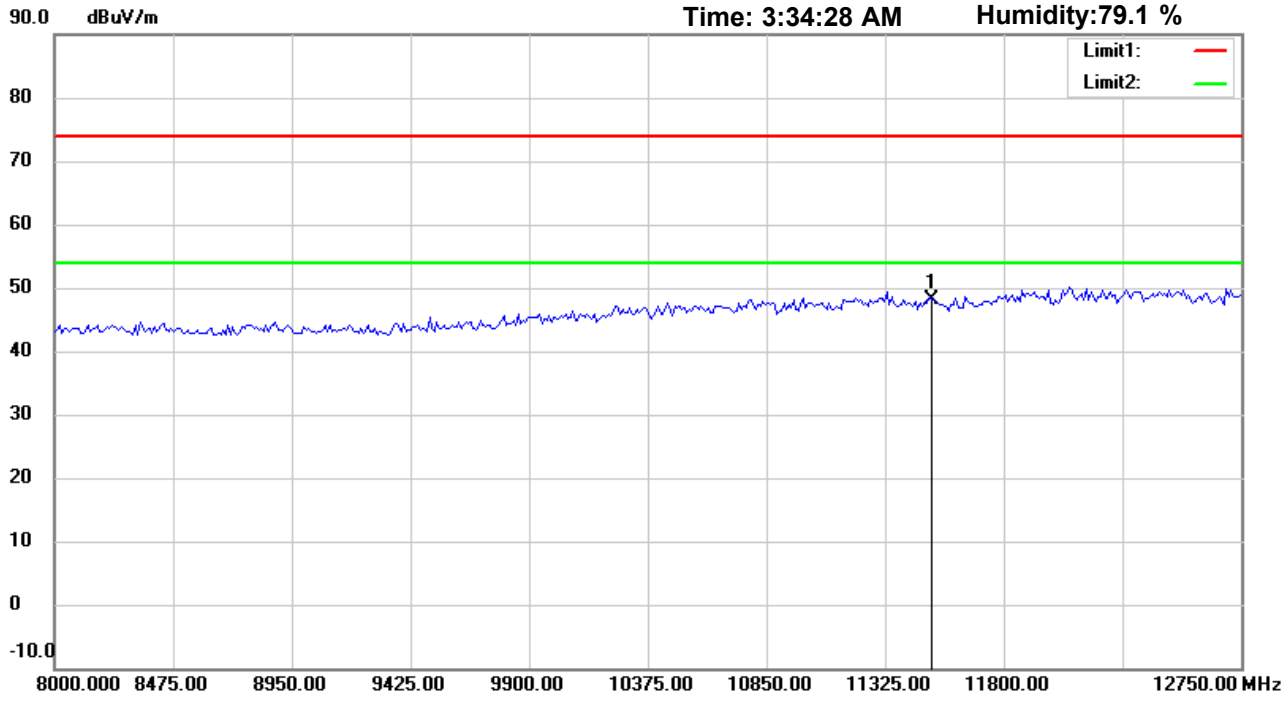
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/15/2018 Time: 3:34:28 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11510.000	35.62	peak	12.52	48.14	74.00	150	95	-25.86	

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

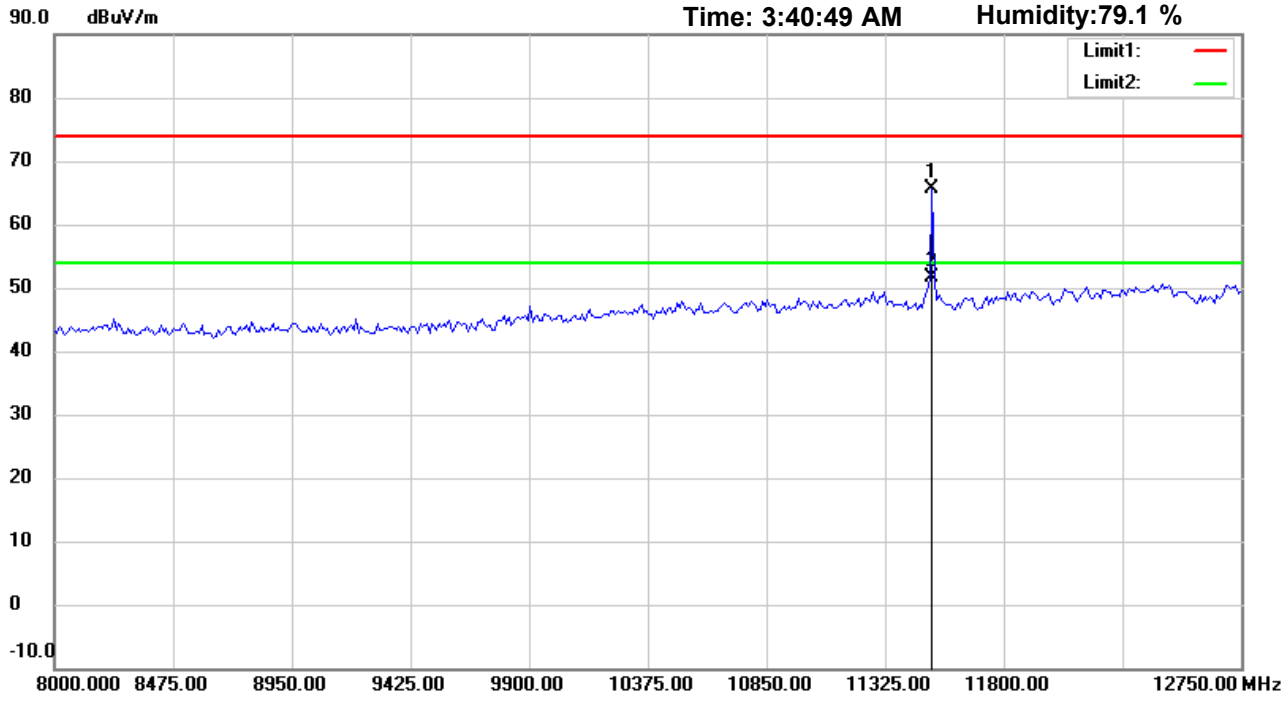
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/15/2018 Time: 3:40:49 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH151

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	11512.525	53.18	peak	12.51	65.69	74.00	150	225	-8.31	
*	11512.525	39.24	AVG	12.51	51.75	54.00	150	225	-2.25	

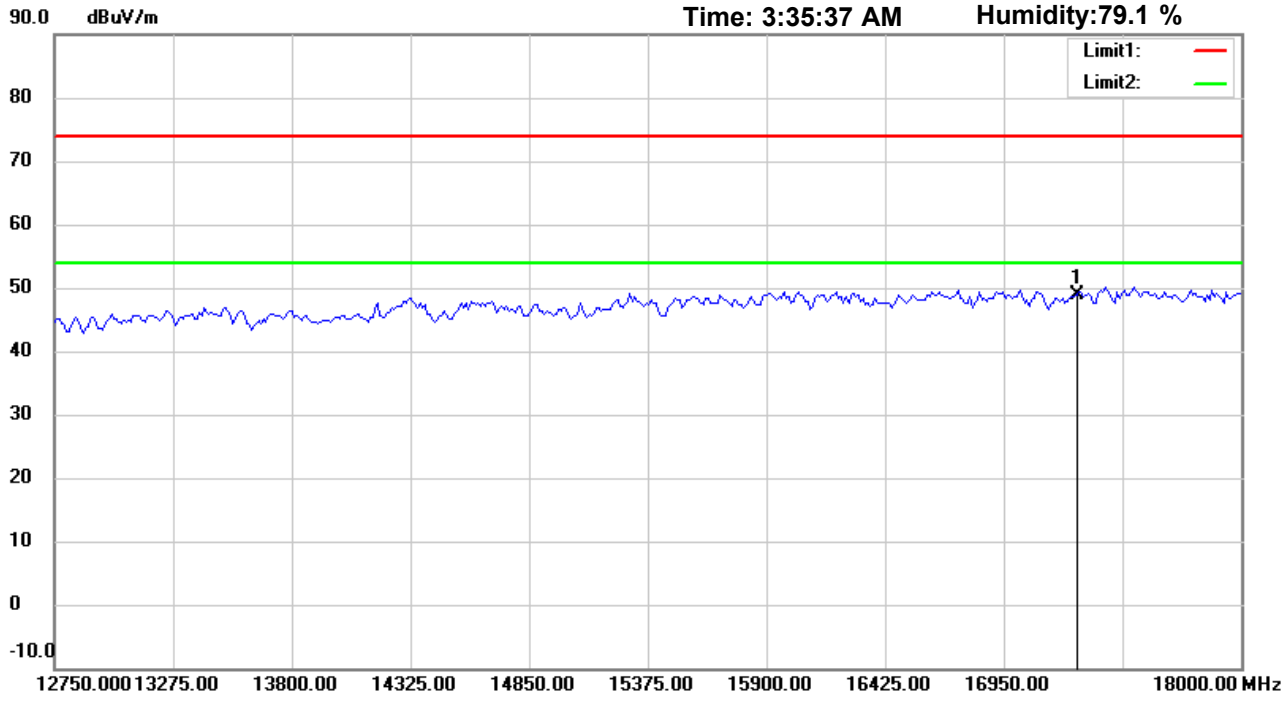
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/15/2018 Time: 3:35:37 AM Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17265.000	27.41	peak	21.41	48.82	74.00	150	100	-25.18	

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

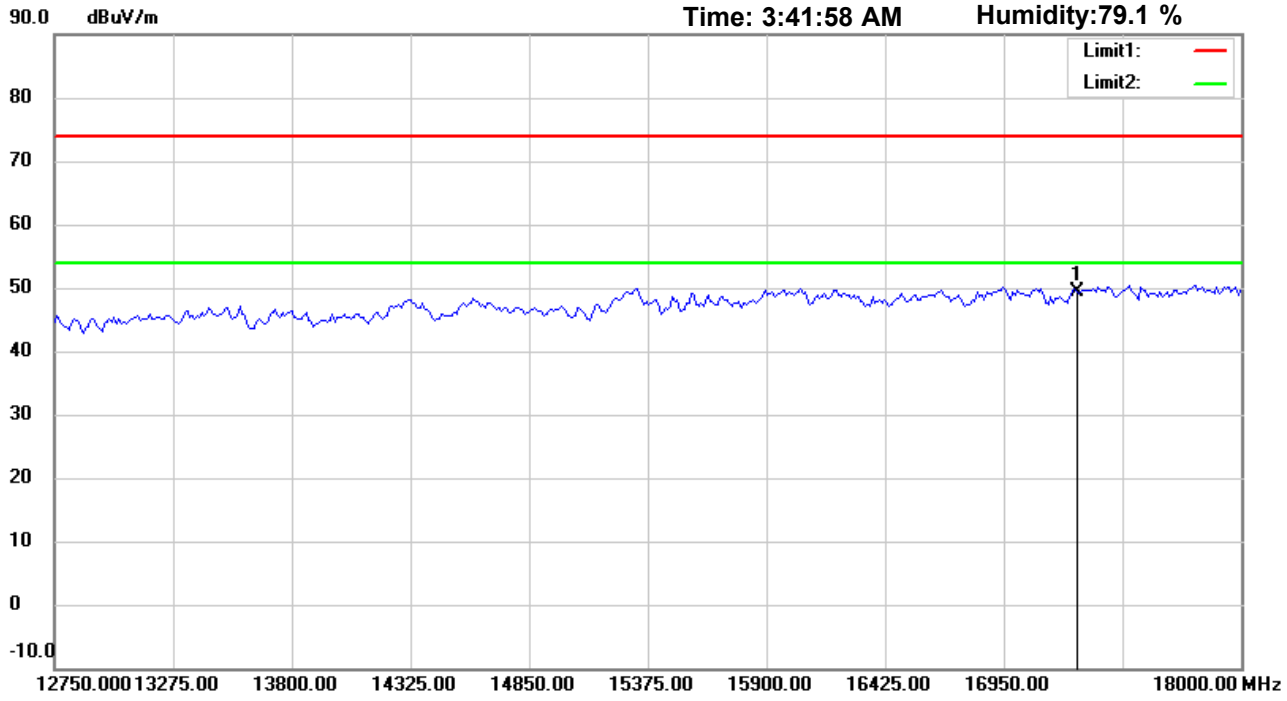
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/15/2018 Time: 3:41:58 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH151

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17265.000	27.96	peak	21.41	49.37	74.00	150	140	-24.63	

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

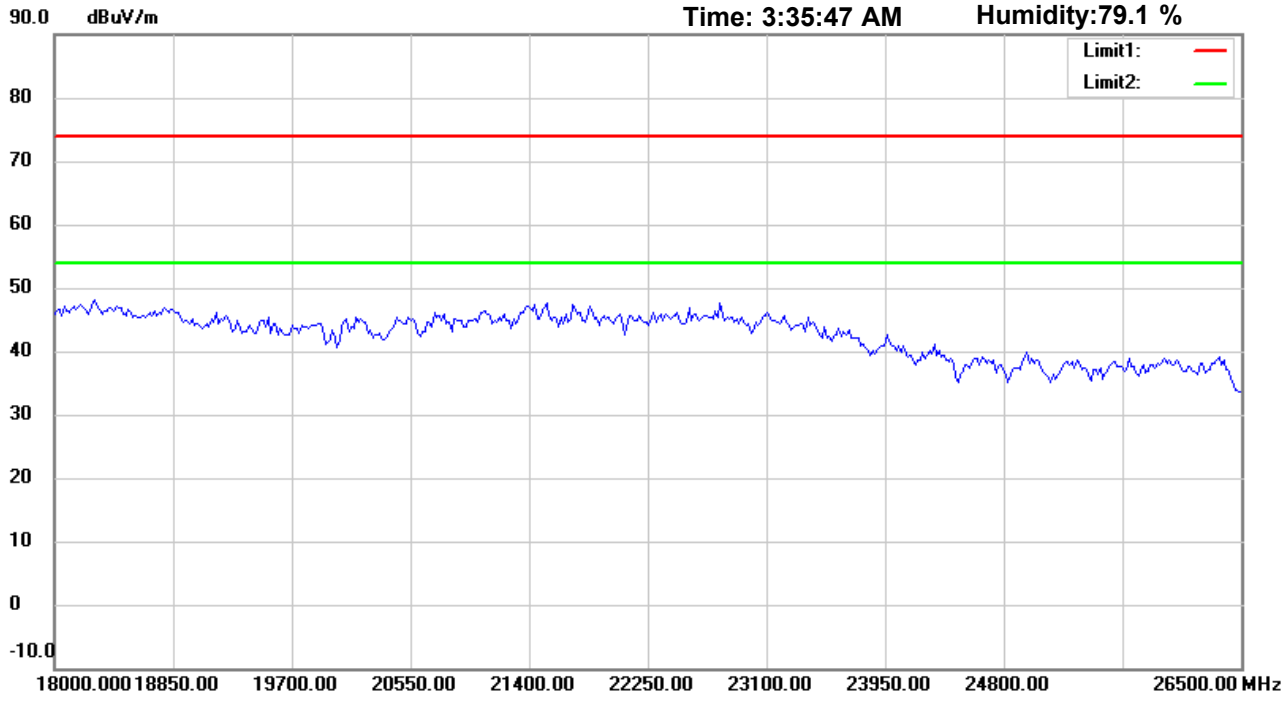
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/15/2018 Time: 3:35:47 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

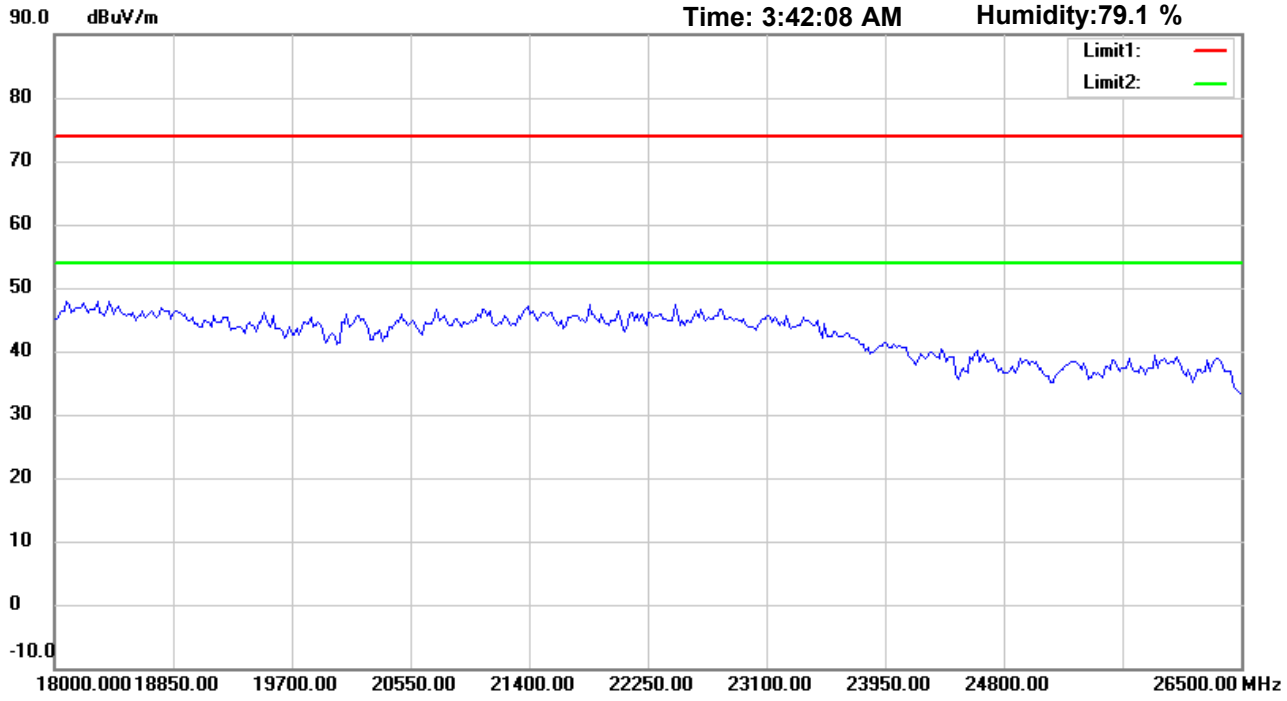
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/15/2018 Time: 3:42:08 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

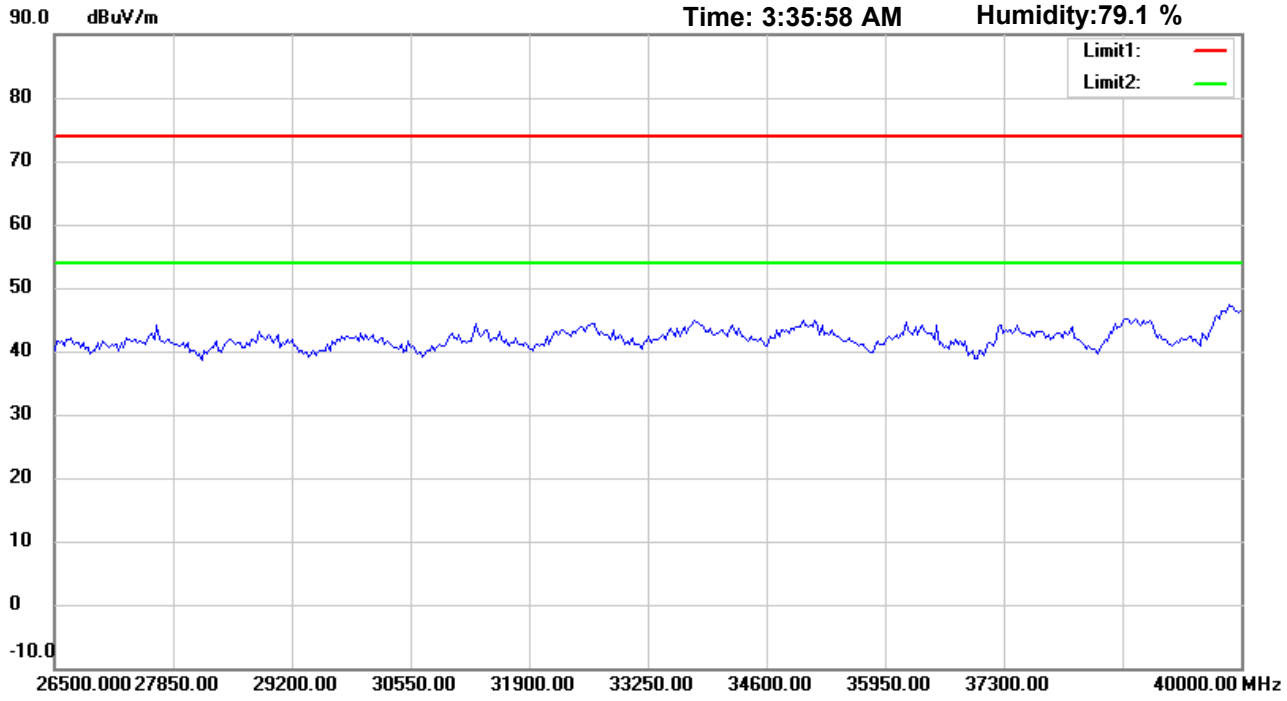
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/15/2018 Time: 3:35:58 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

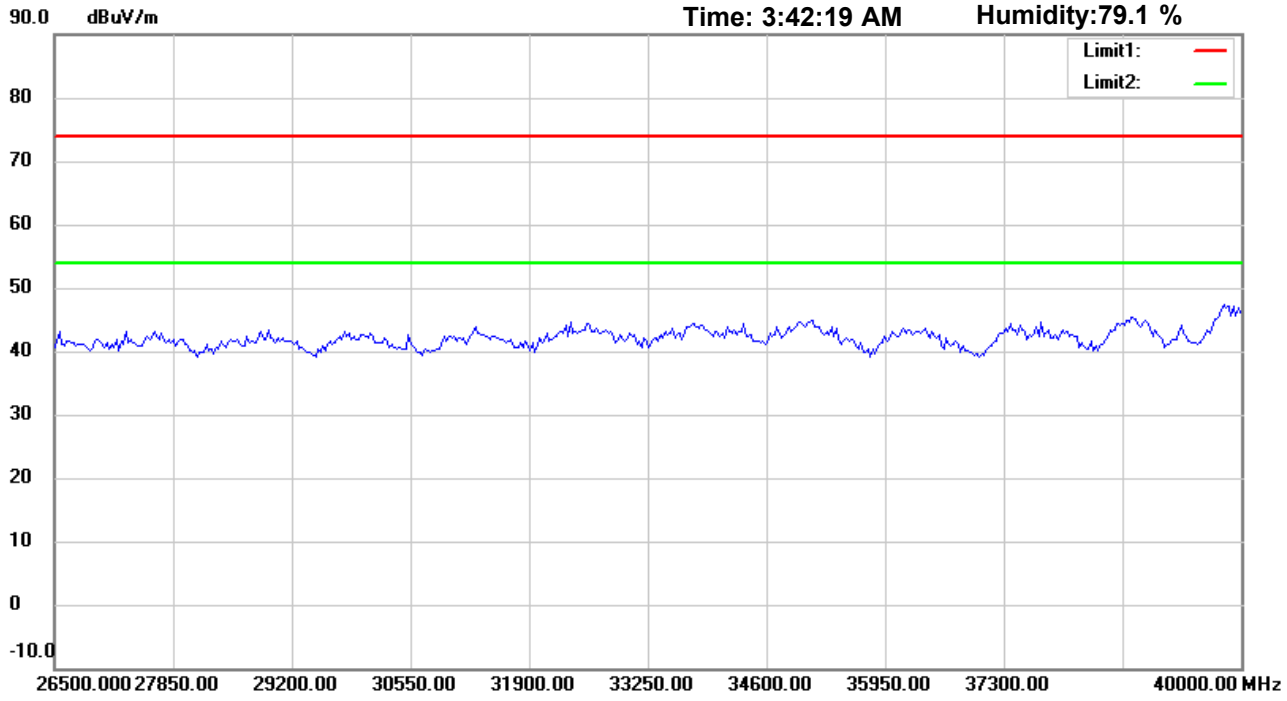
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/15/2018 Time: 3:42:19 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH151

Note :

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

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

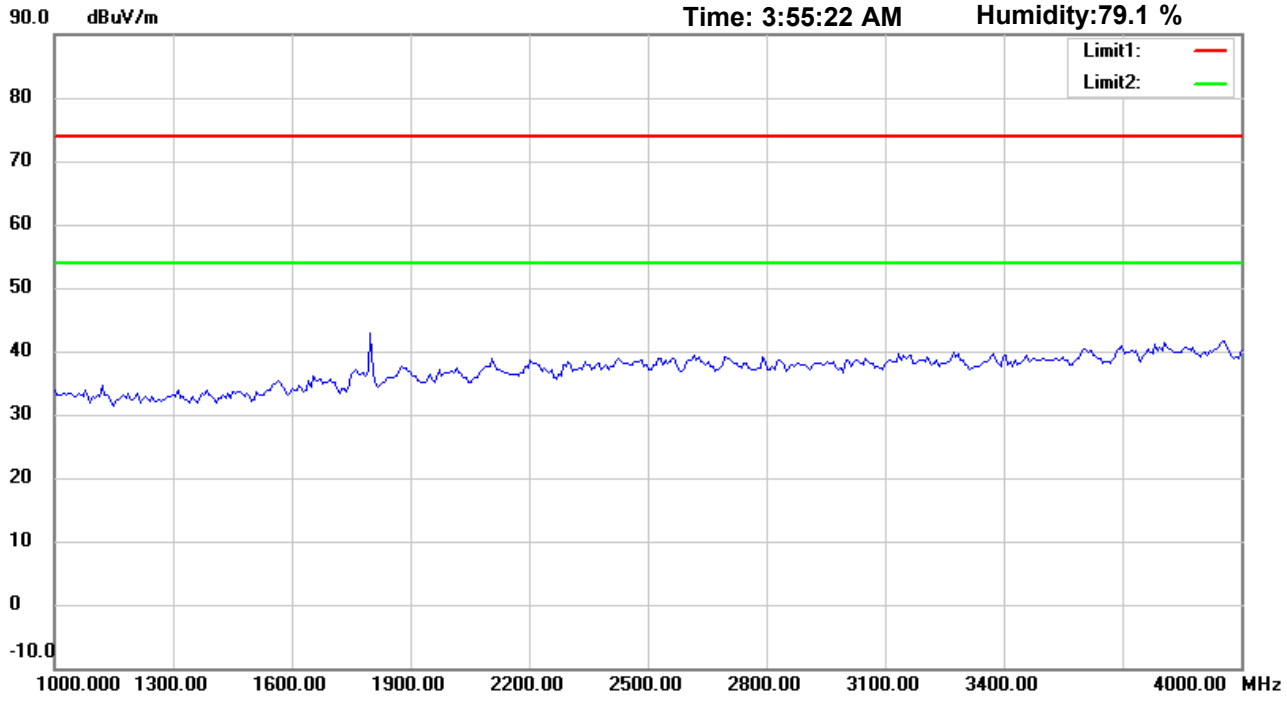
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/15/2018 Time: 3:55:22 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH159

Note :

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

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

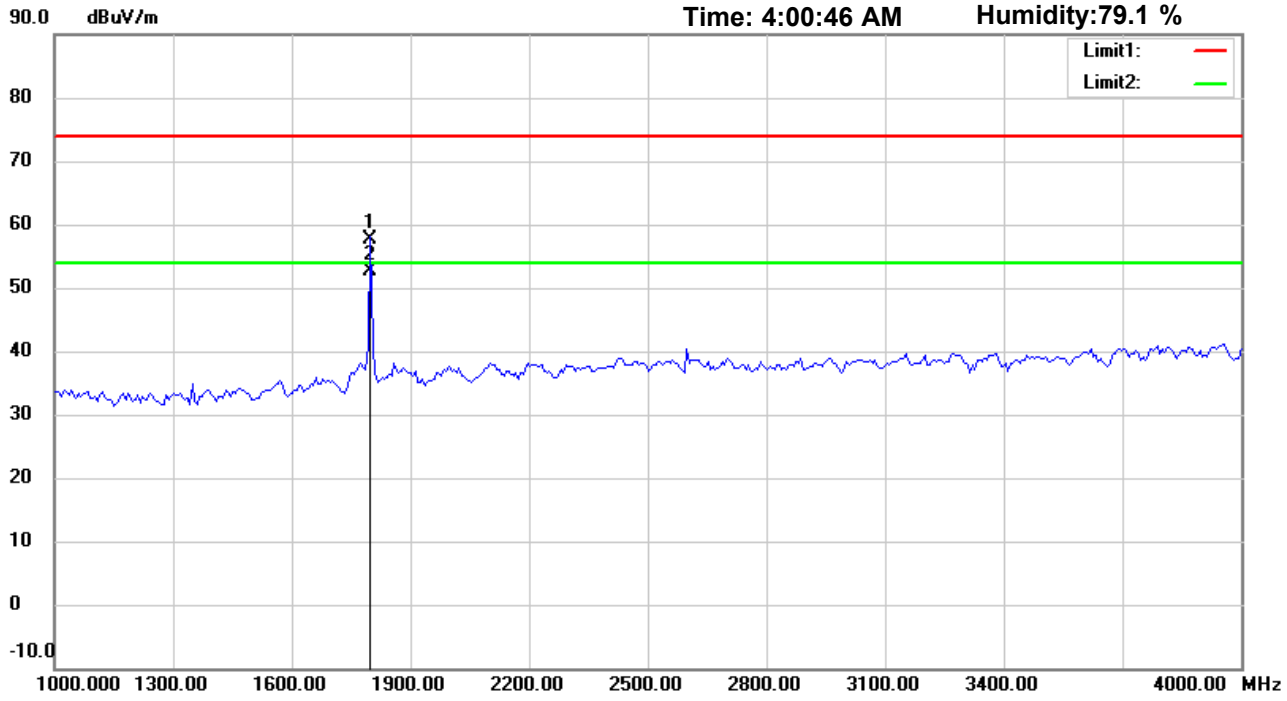
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/15/2018 Time: 4:00:46 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.19	peak	-6.52	57.67	74.00	150	230	-16.33	
*	1799.599	59.27	AVG	-6.52	52.75	54.00	150	230	-1.25	

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

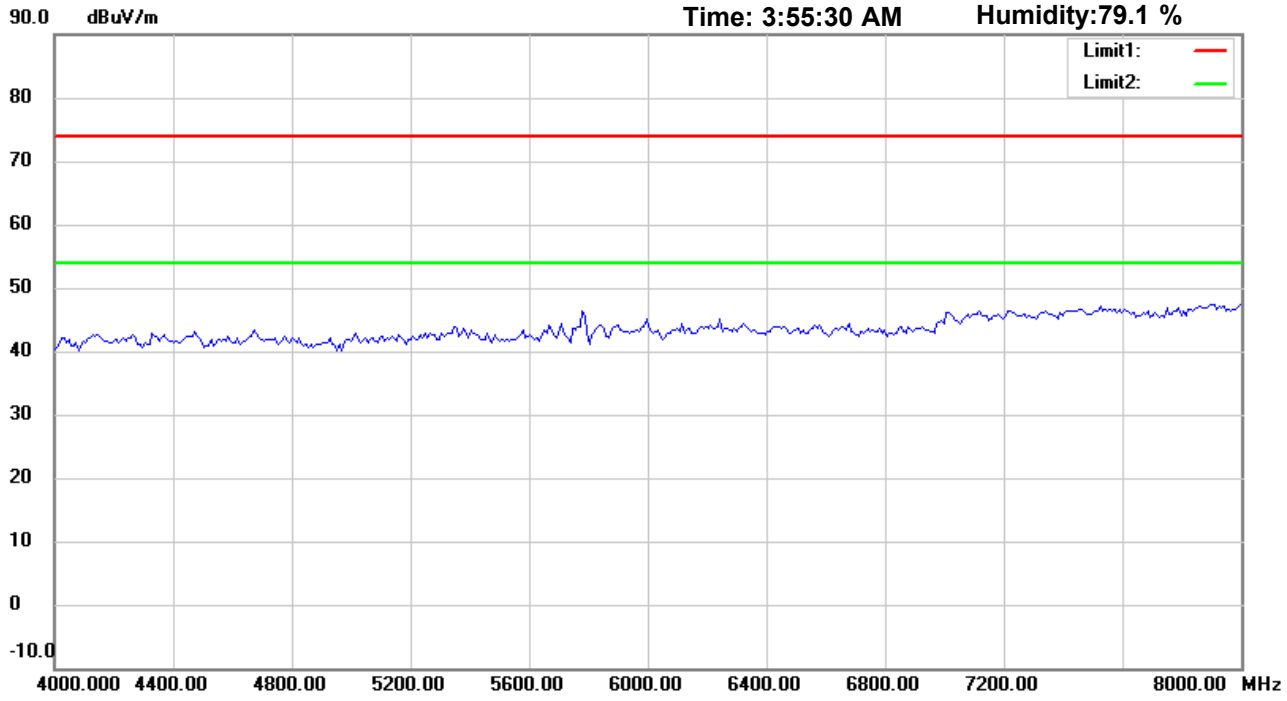
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/15/2018 Time: 3:55:30 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

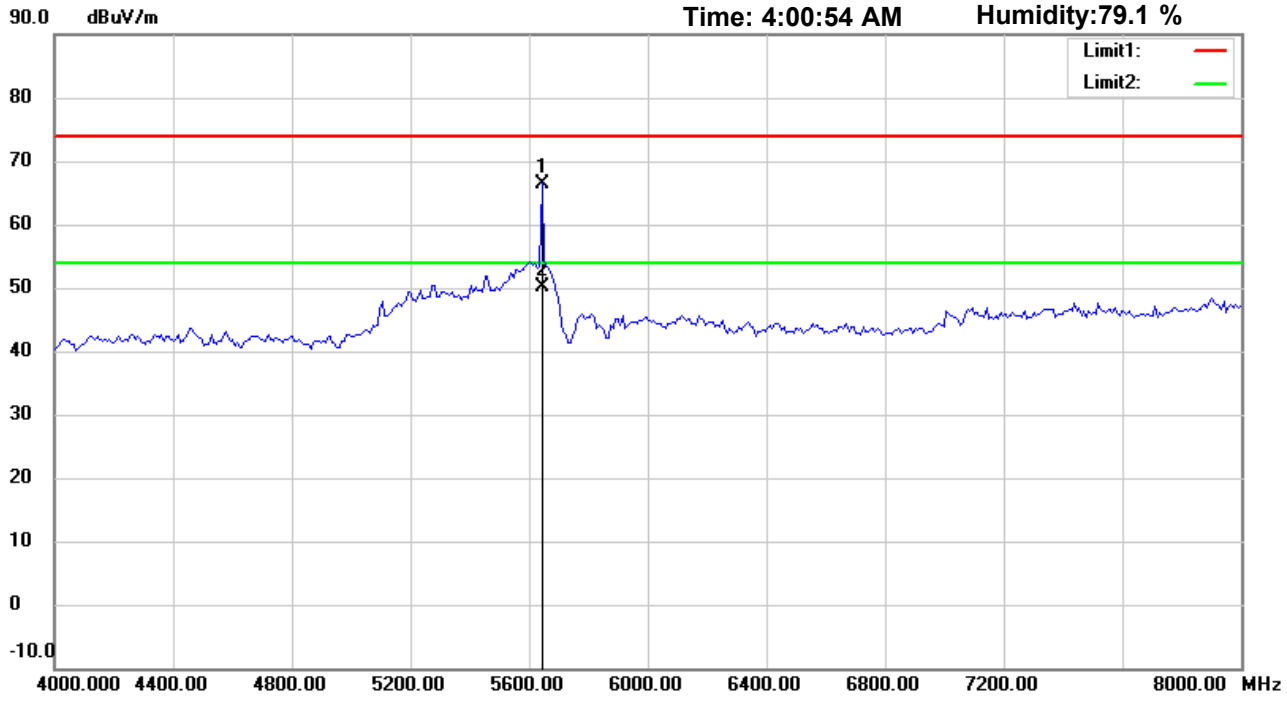
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/15/2018 Time: 4:00:54 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	5640.582	63.57	peak	2.87	66.44	74.00	168	240	-7.56	
*	5640.582	47.22	AVG	2.87	50.09	54.00	168	240	-3.91	

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

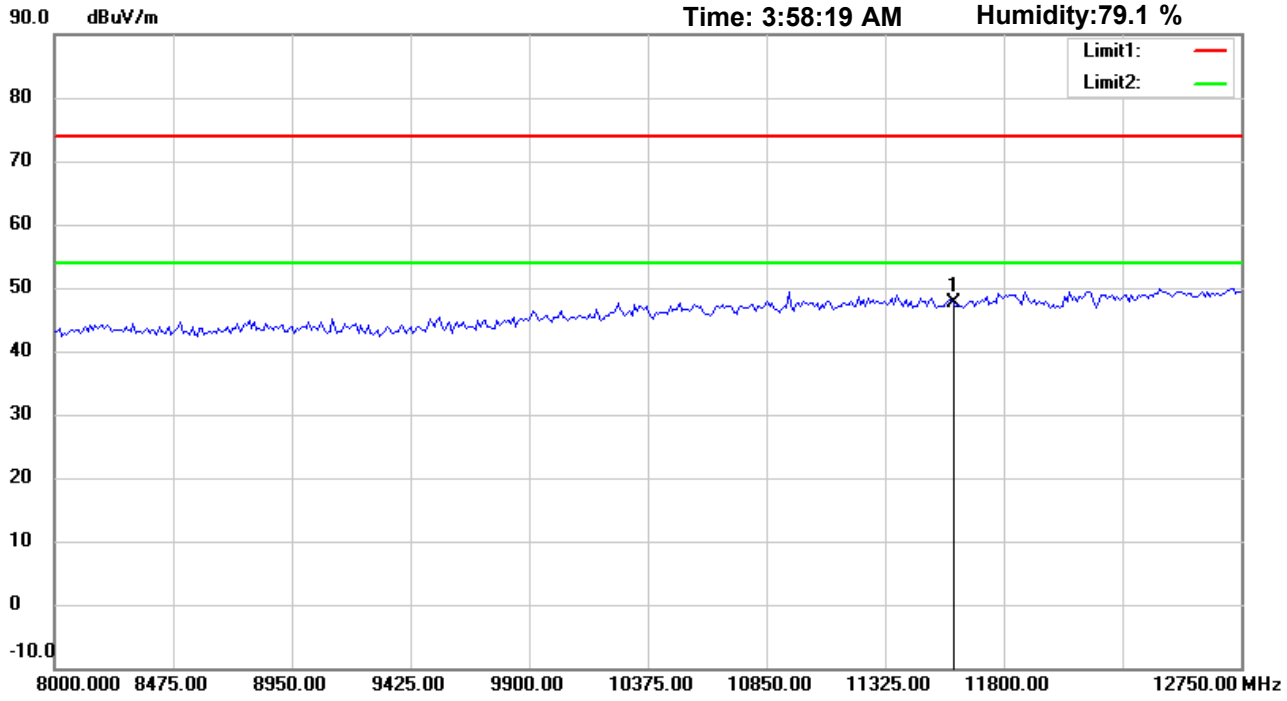
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/15/2018 Time: 3:58:19 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	11590.000	35.60	peak	11.99	47.59	74.00	150	325	-26.41	

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

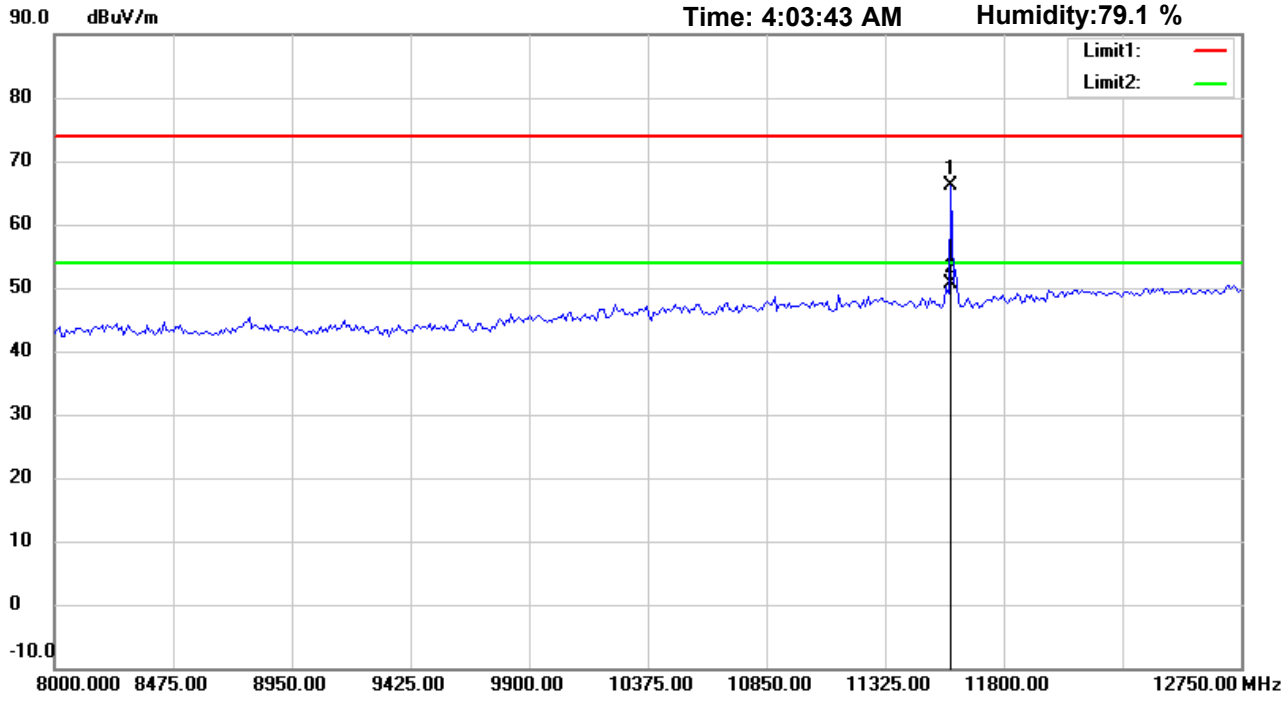
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/15/2018 Time: 4:03:43 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	11588.677	54.25	peak	12.00	66.25	74.00	150	20	-7.75	
*	11588.677	38.56	AVG	12.00	50.56	54.00	150	20	-3.44	

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

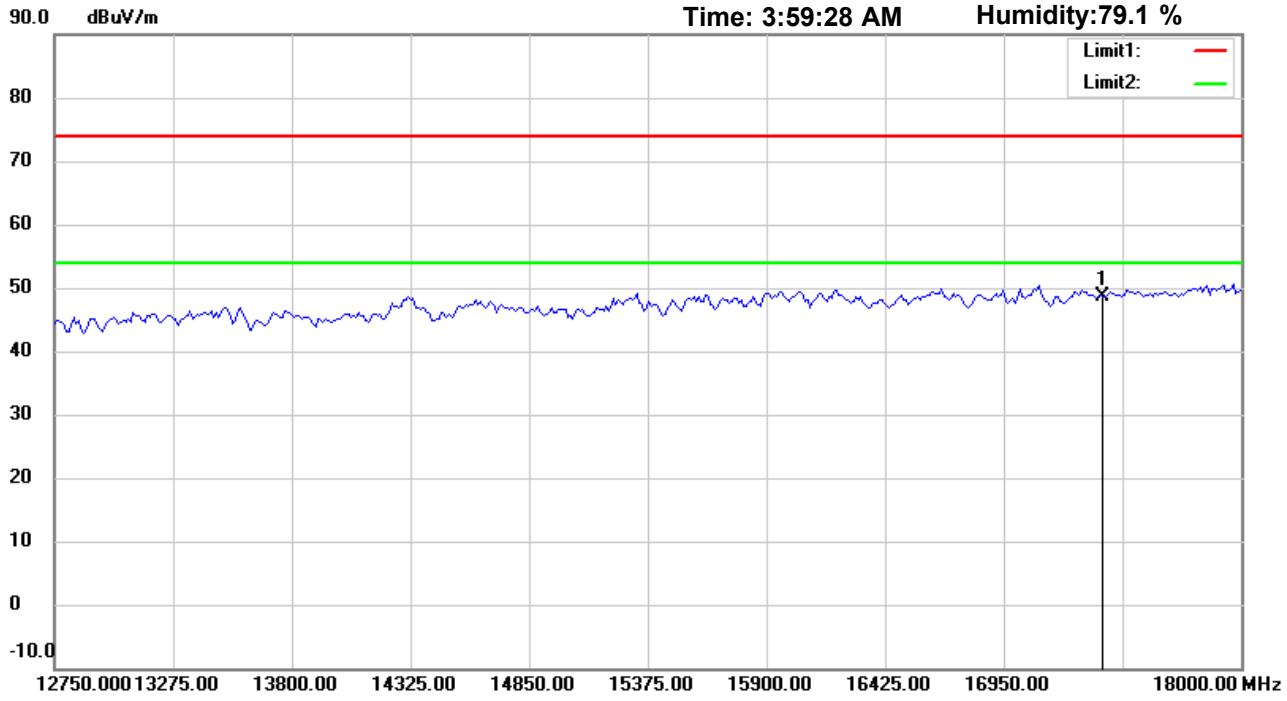
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/15/2018 Time: 3:59:28 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17385.000	26.38	peak	22.27	48.65	74.00	150	55	-25.35	

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

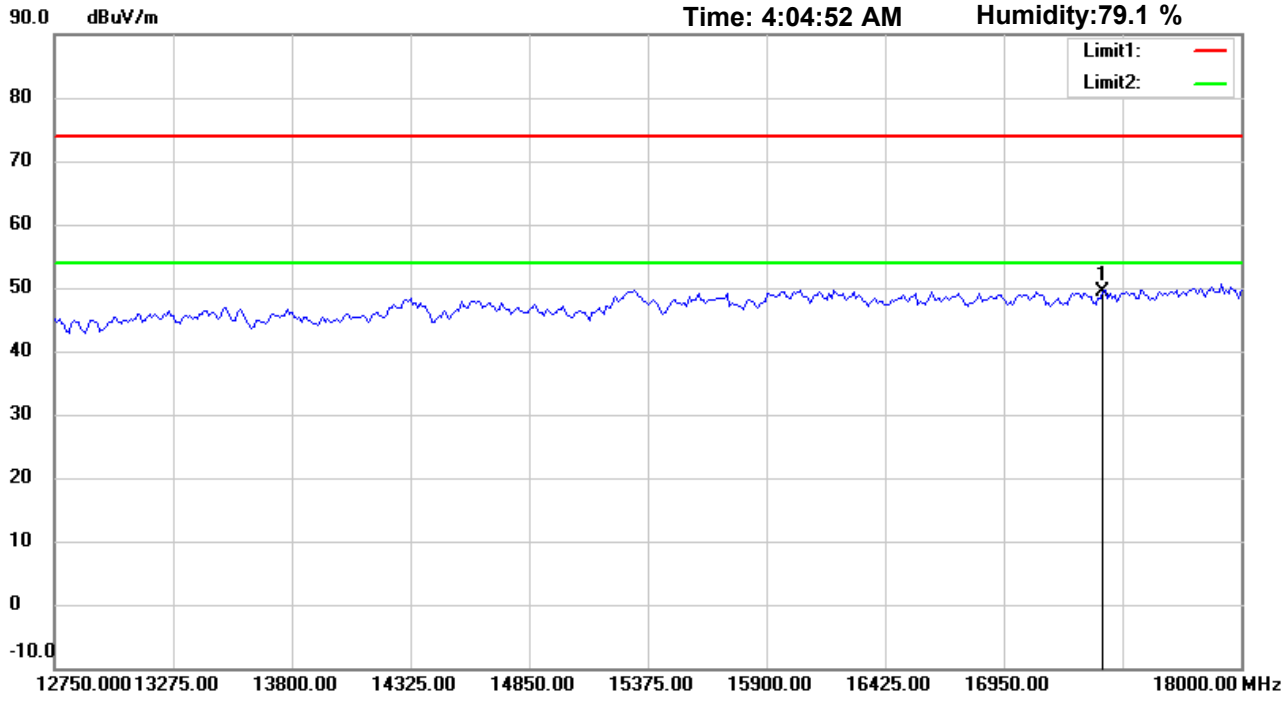
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/15/2018 Time: 4:04:52 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH159

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	17385.000	27.21	peak	22.27	49.48	74.00	150	220	-24.52	

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

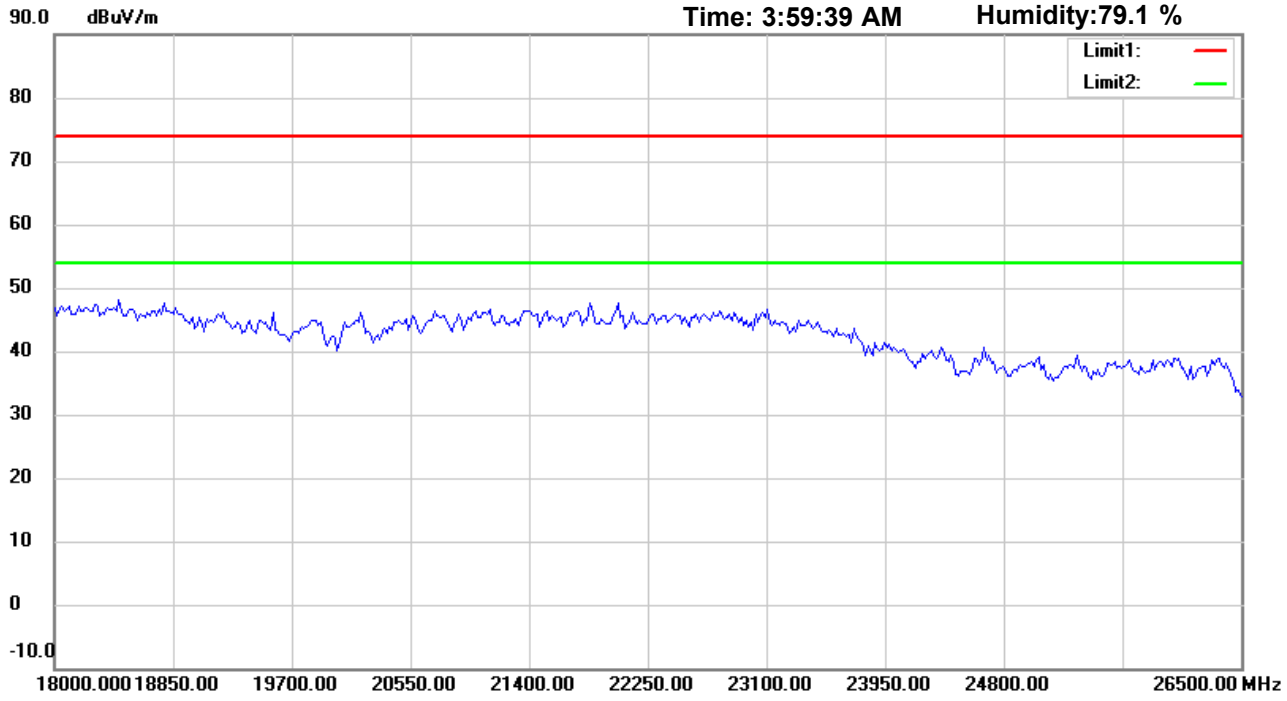
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/15/2018 Time: 3:59:39 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

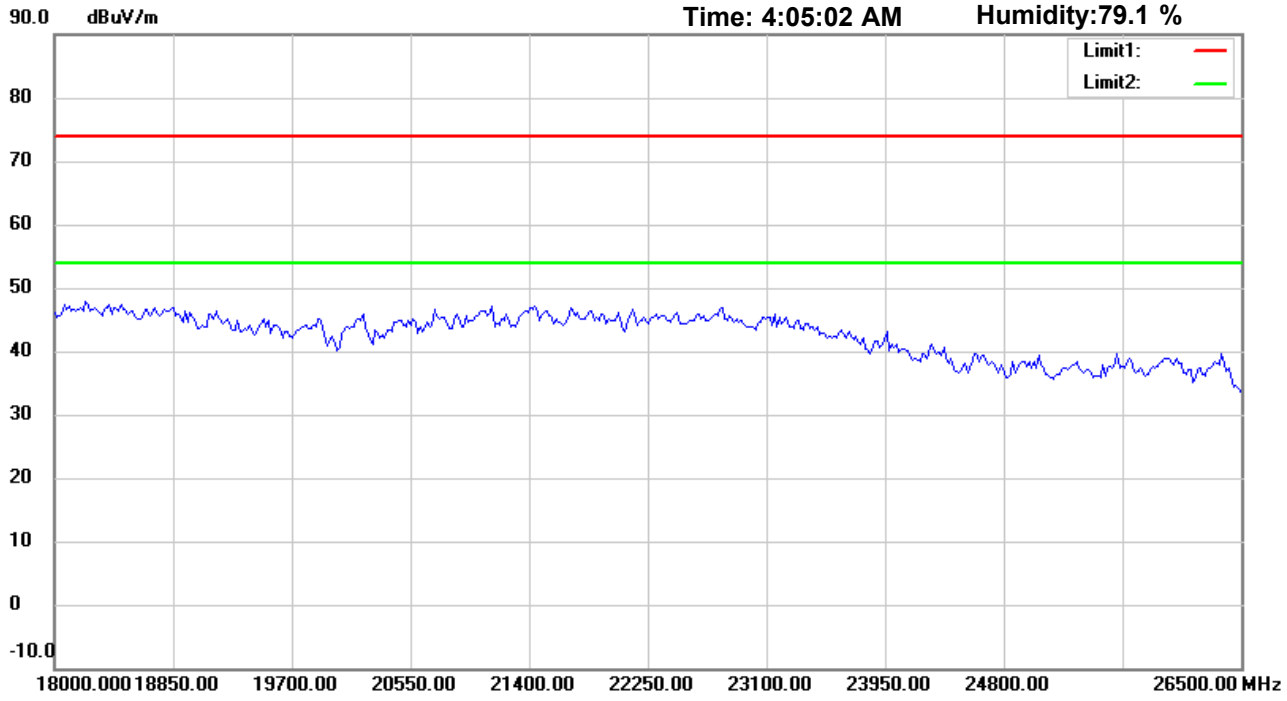
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#11 Date: 12/15/2018 Time: 4:05:02 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : TX 802.11n40 CH159

Note :

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

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

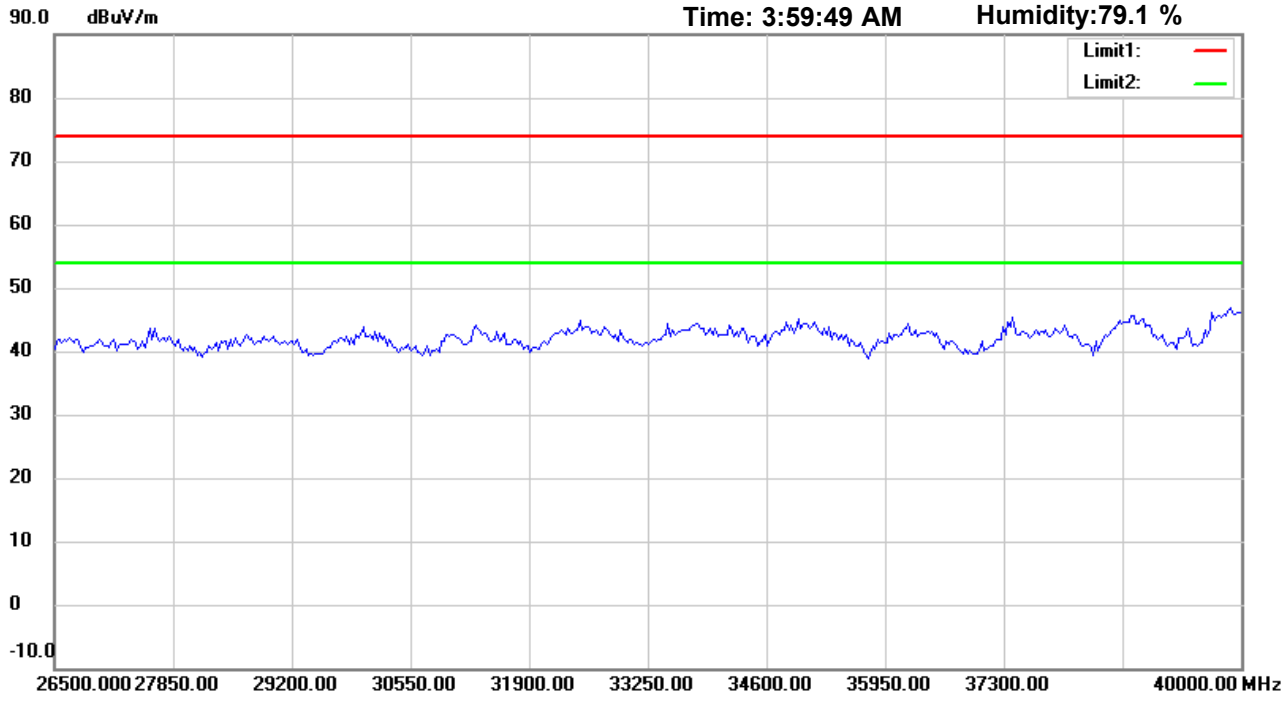
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/15/2018 Time: 3:59:49 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

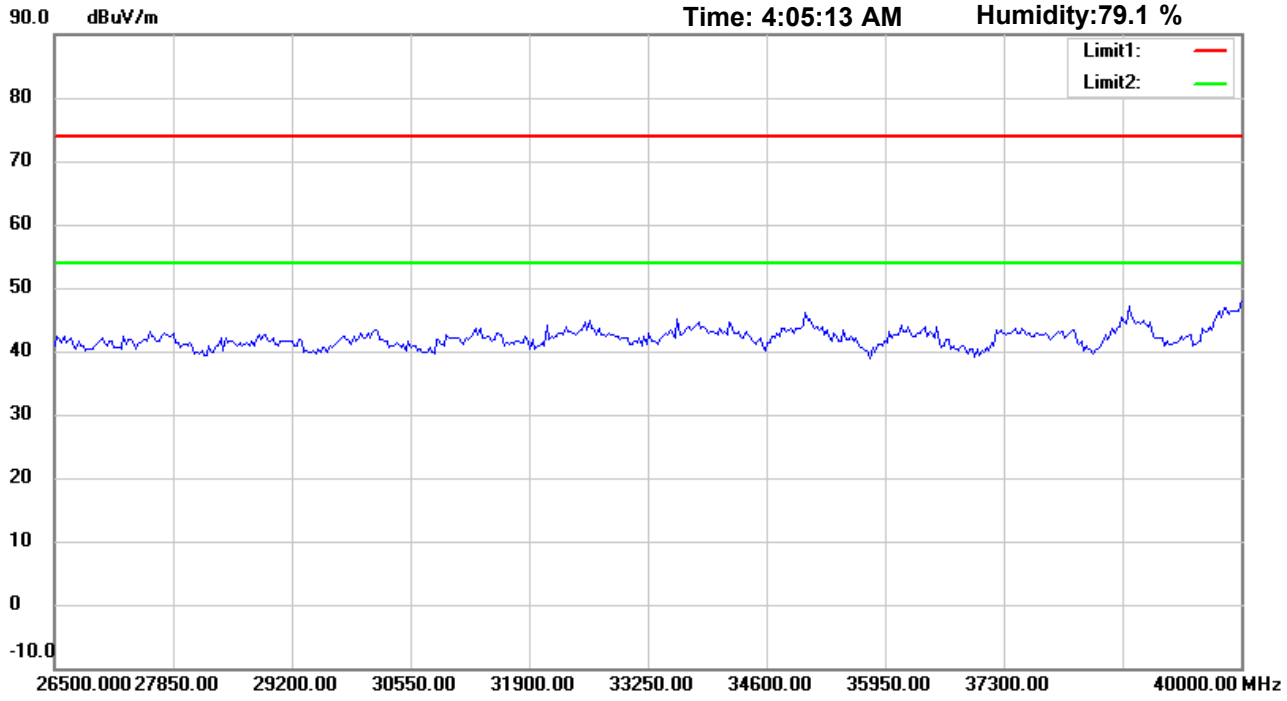
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#12 Date: 12/15/2018 Time: 4:05:13 AM

Temperature:18.1 ℃ Humidity:79.1 %



Site : Chamber

Condition : FCC_part 15E RE_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : TX 802.11n40 CH159

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

RX

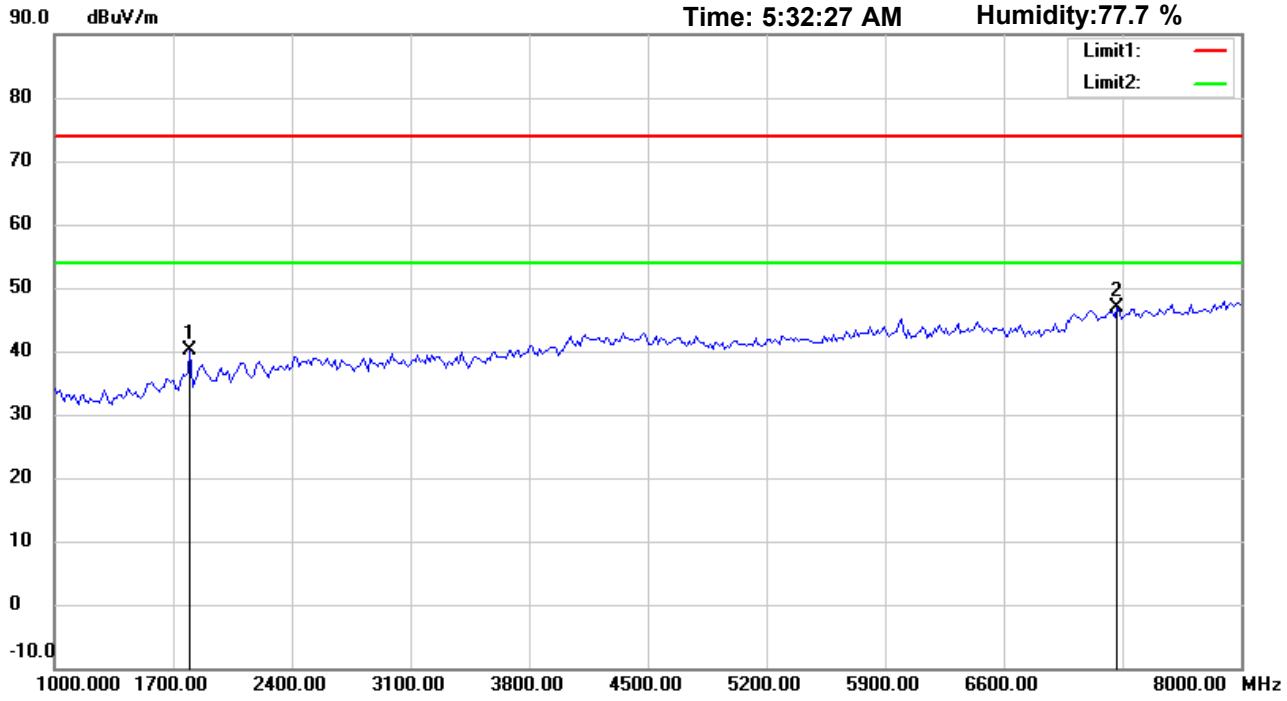
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 5:32:27 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	46.53	peak	-6.52	40.01	74.00	150	100	-33.99	
*	7270.541	41.43	peak	5.47	46.90	74.00	150	155	-27.10	

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

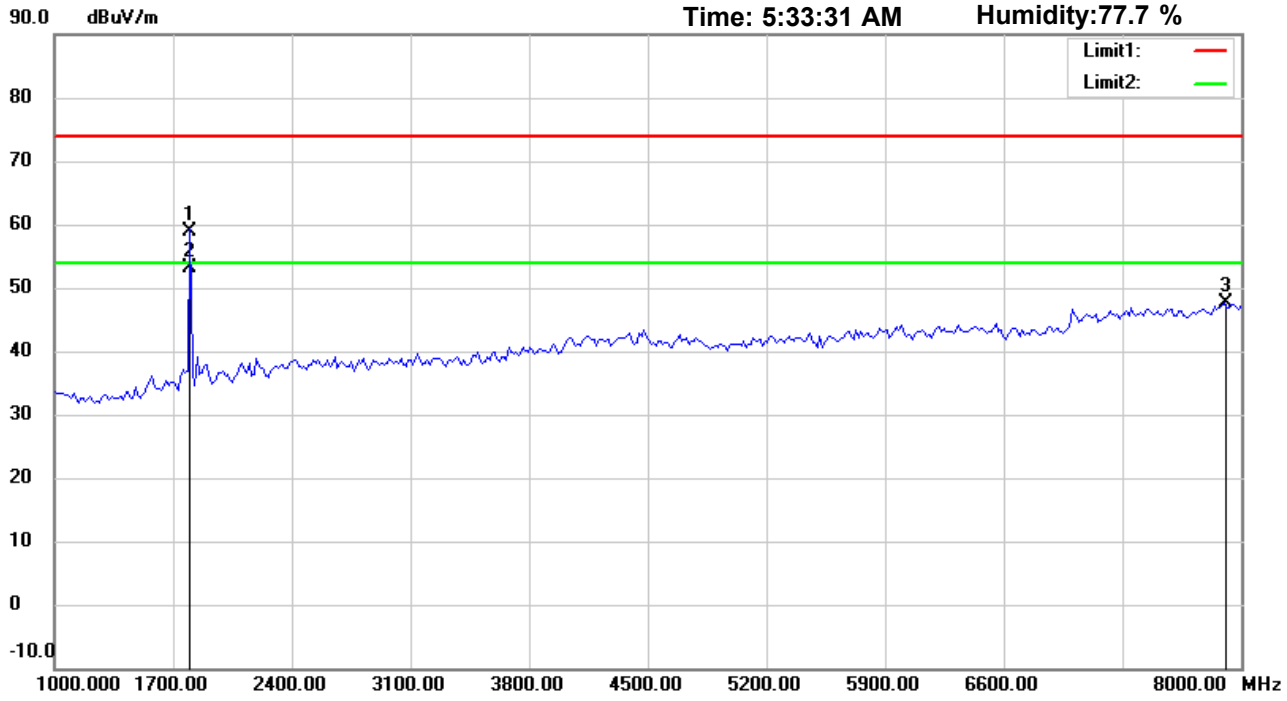
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 5:33:31 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH36

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	65.29	peak	-6.52	58.77	74.00	150	180	-15.23	
*	1799.599	59.64	AVG	-6.52	53.12	54.00	150	180	-0.88	
	7901.804	40.48	peak	7.19	47.67	74.00	150	55	-26.33	

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

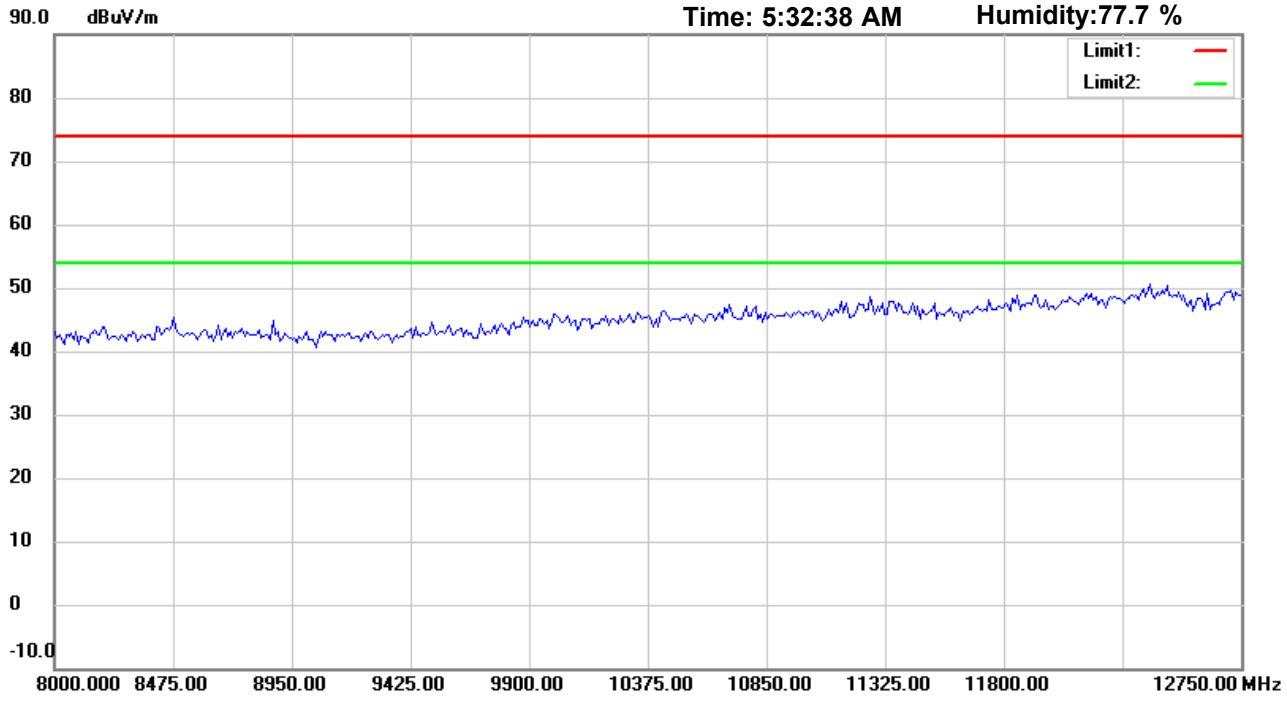
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 5:32:38 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH36

Note :

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

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

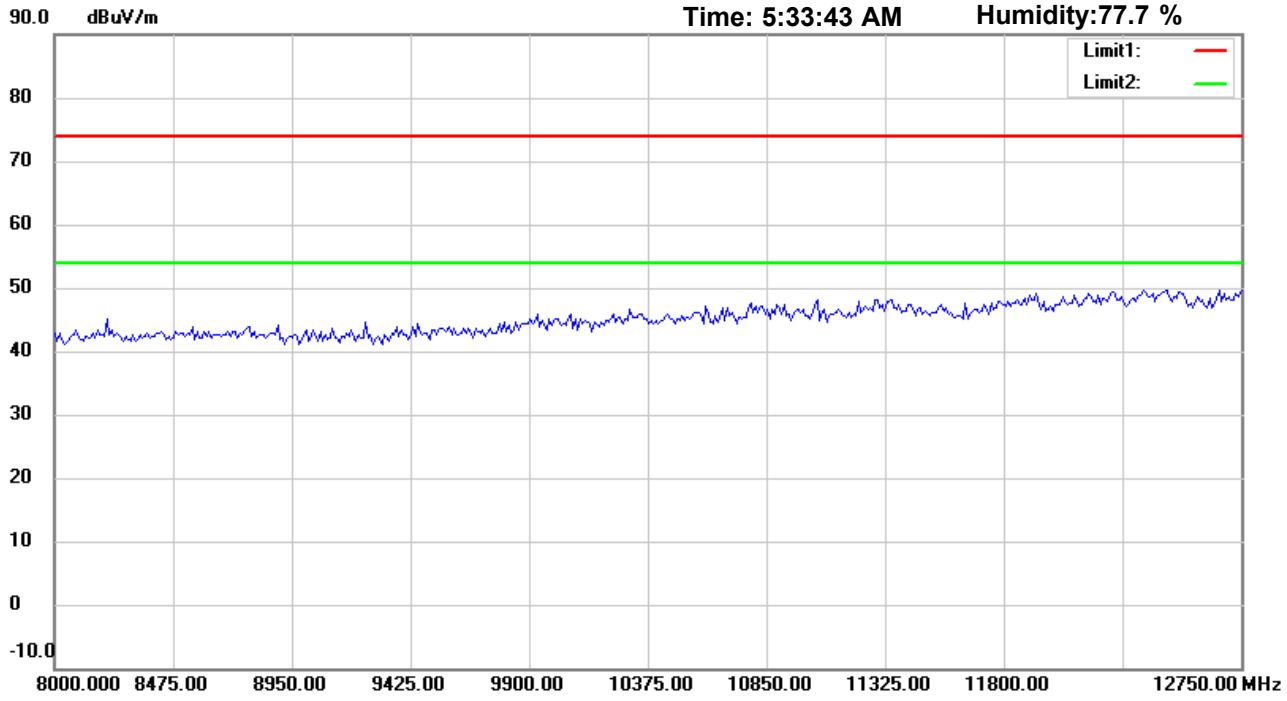
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 5:33:43 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH36

Note :

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

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

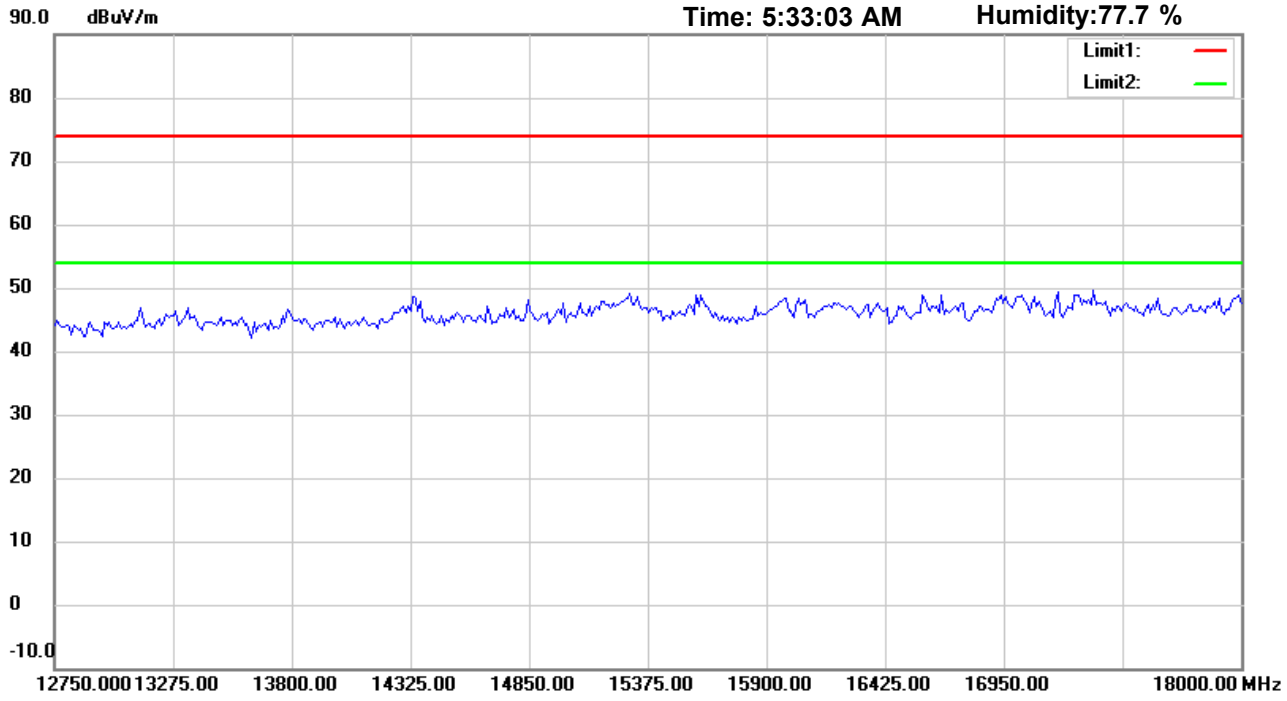
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 5:33:03 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH36

Note :

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

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

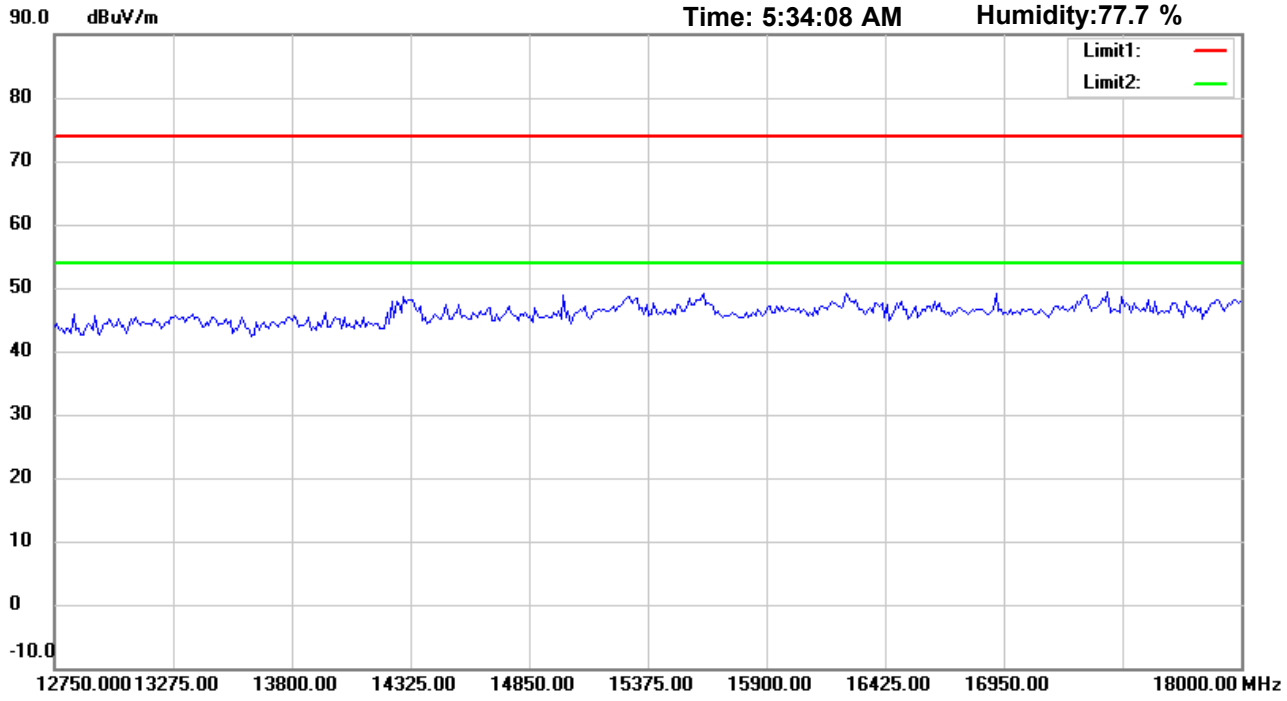
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 5:34:08 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH36

Note :

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

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

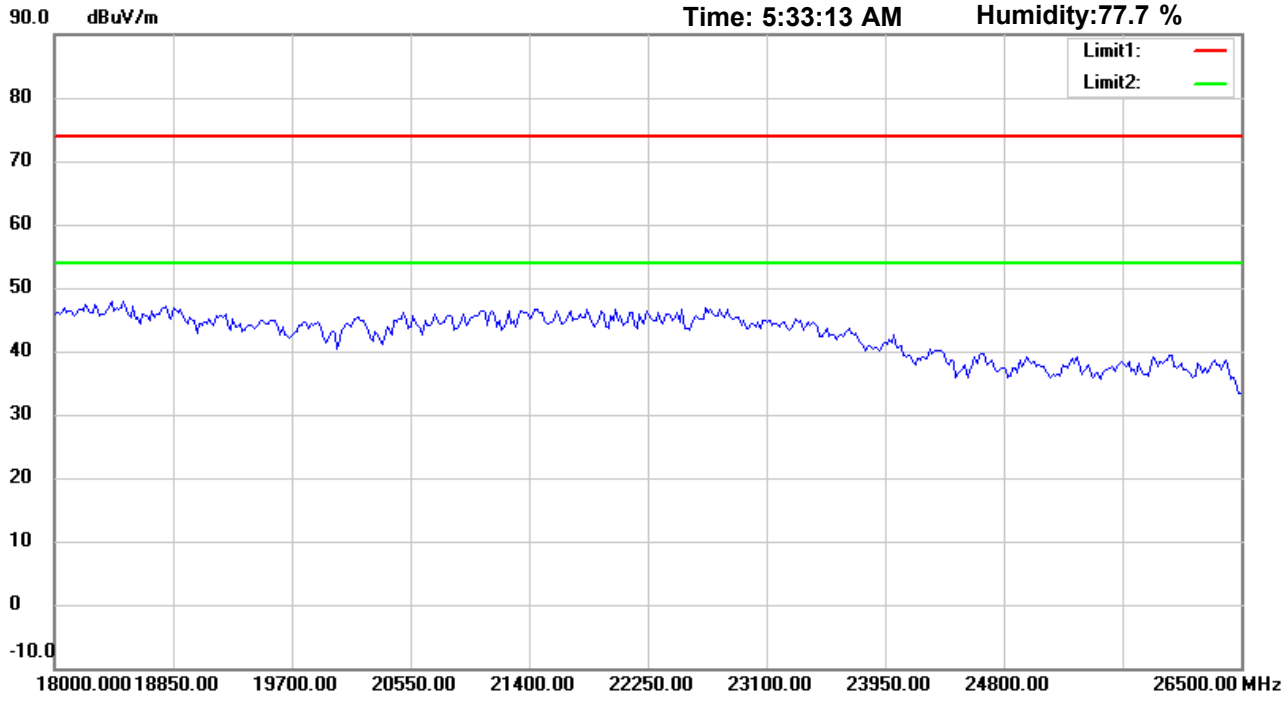
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 5:33:13 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

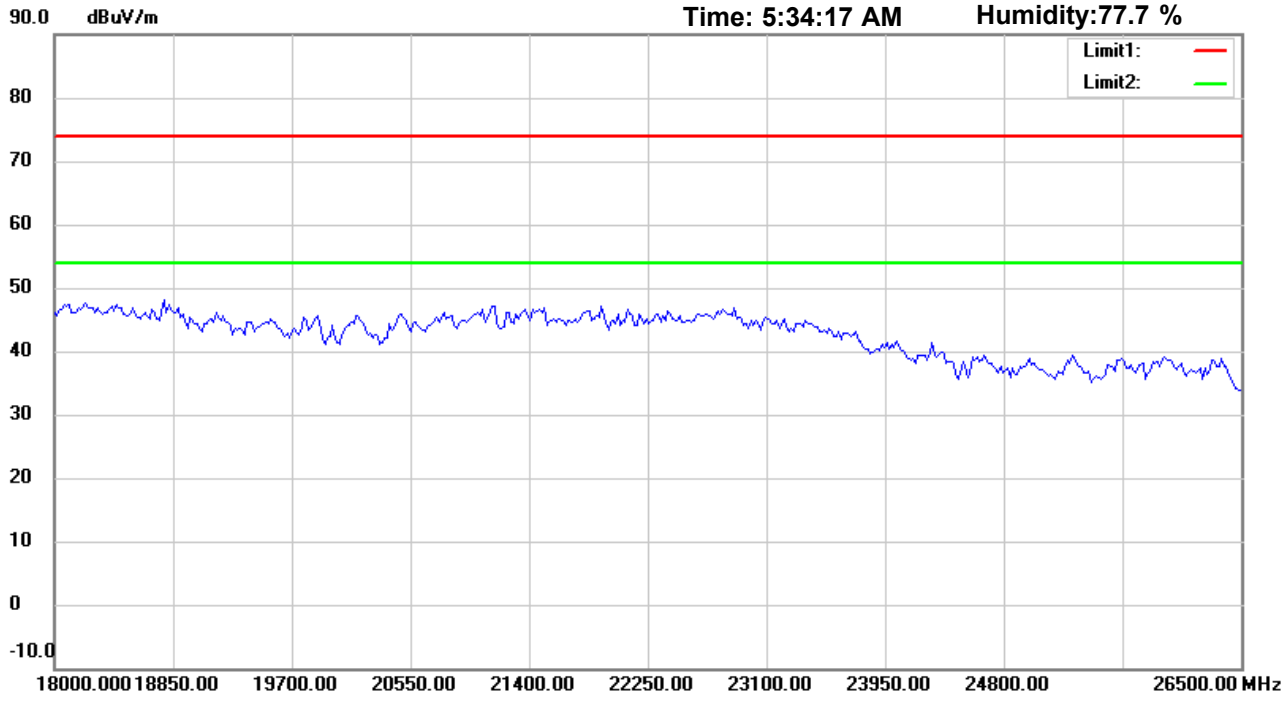
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 5:34:17 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH36

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

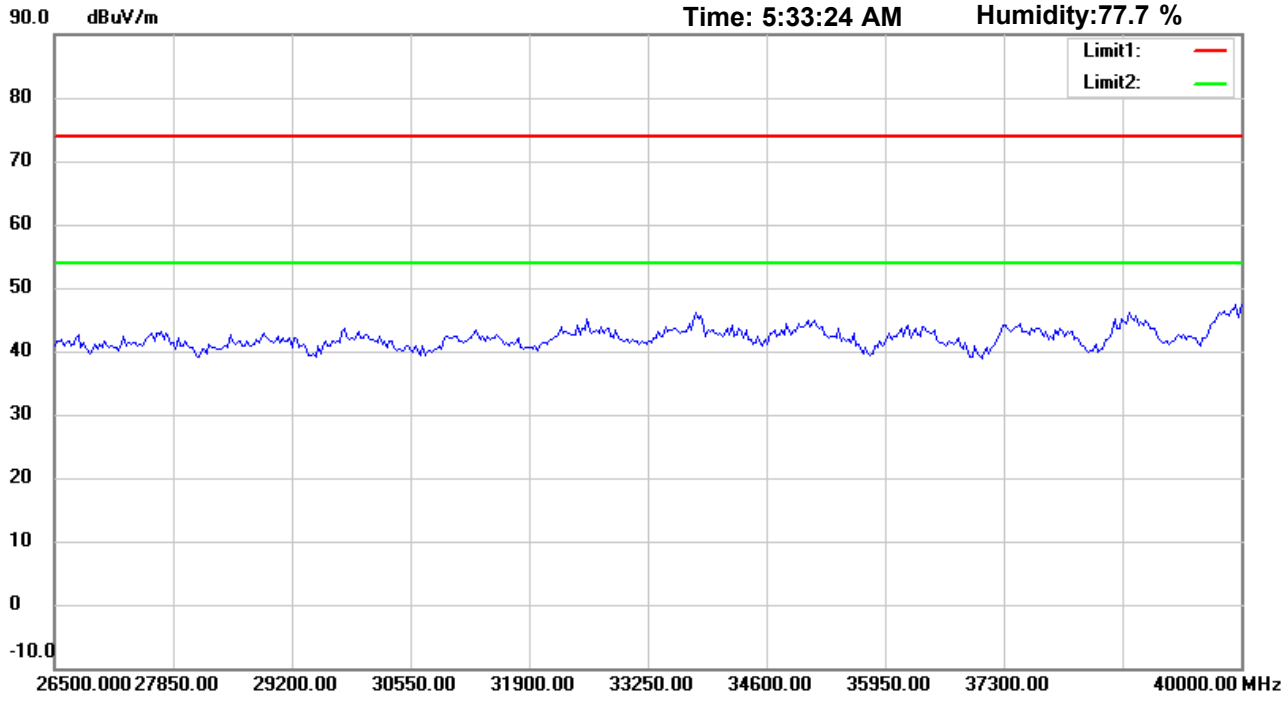
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 5:33:24 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH36

Note :

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

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

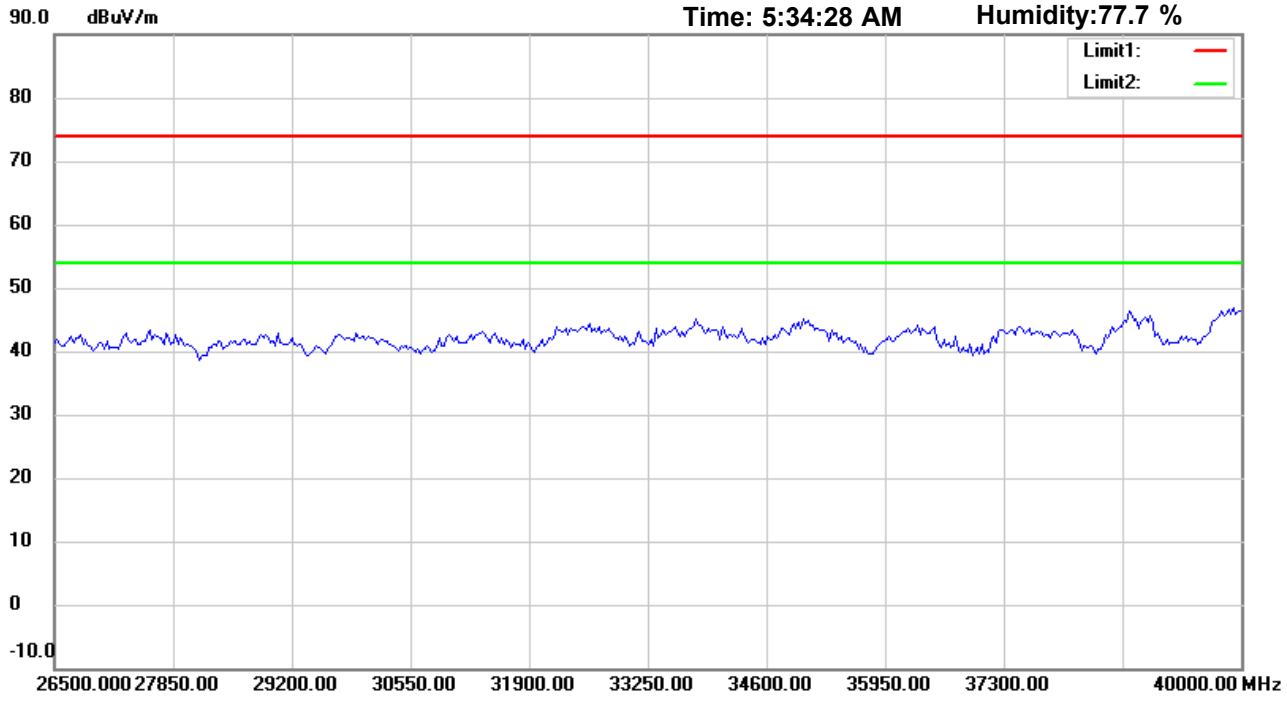
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 5:34:28 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH36

Note :

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

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

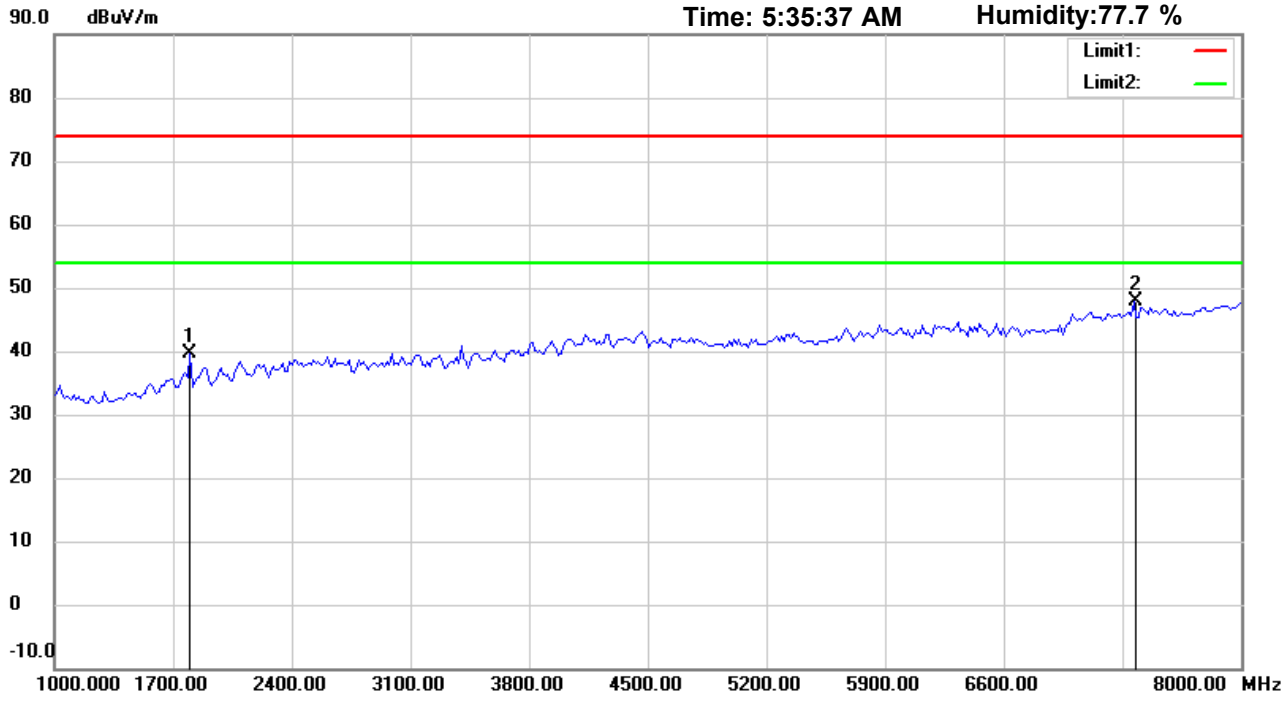
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 5:35:37 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH40

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	46.18	peak	-6.52	39.66	74.00	150	200	-34.34	
*	7368.738	41.91	peak	5.89	47.80	74.00	150	75	-26.20	

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

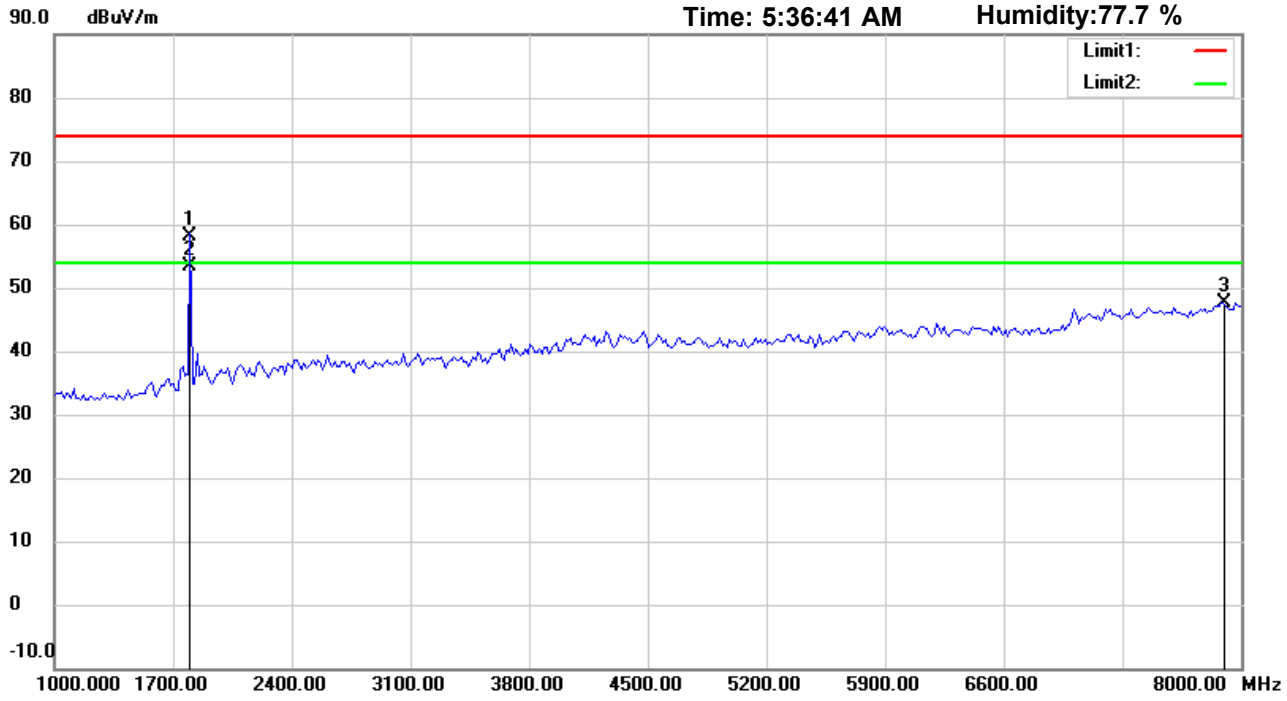
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 5:36:41 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH40

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.55	peak	-6.52	58.03	74.00	150	280	-15.97	
*	1799.599	59.89	AVG	-6.52	53.37	54.00	150	280	-0.63	
	7887.776	40.42	peak	7.09	47.51	74.00	150	30	-26.49	

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

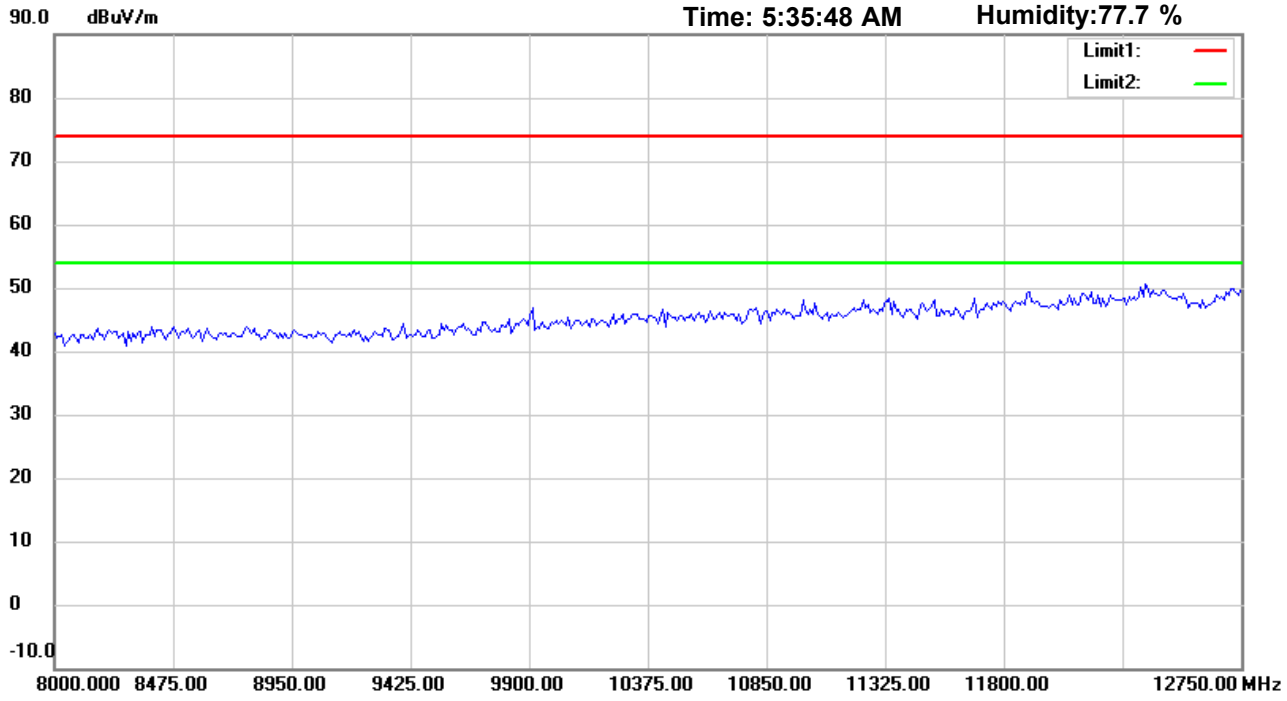
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 5:35:48 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH40

Note :

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

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

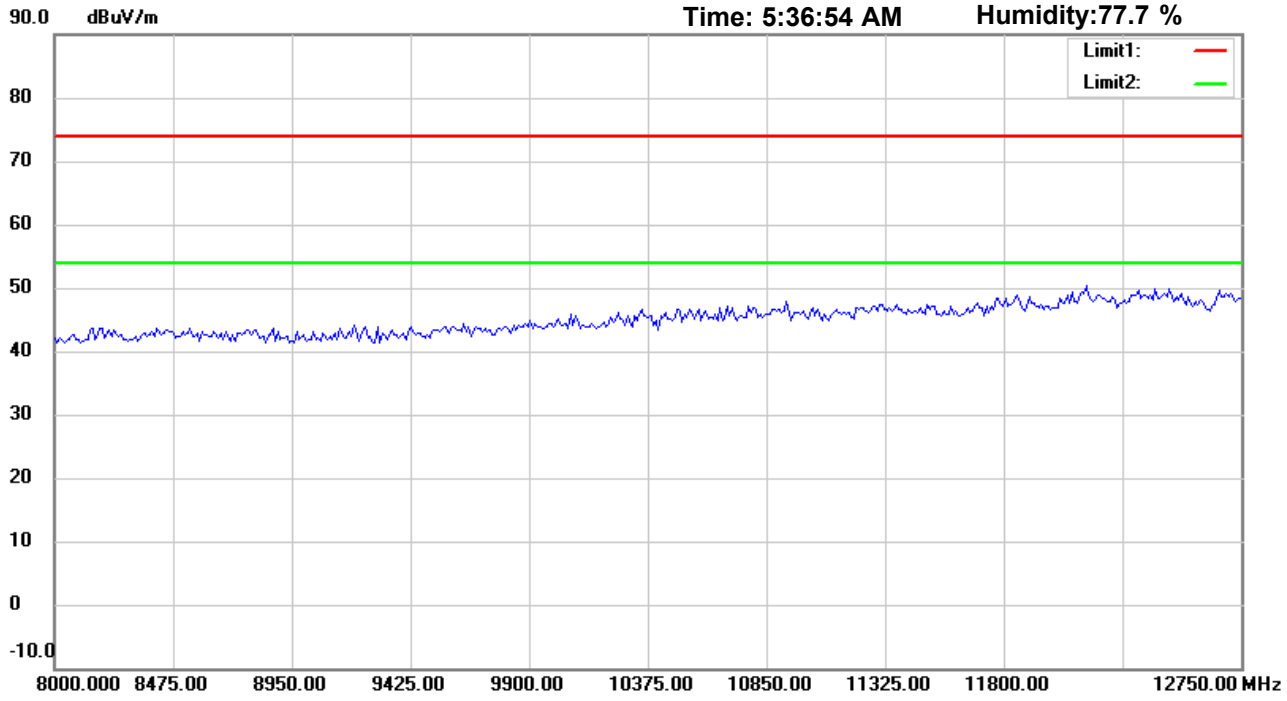
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 5:36:54 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH40

Note :

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

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

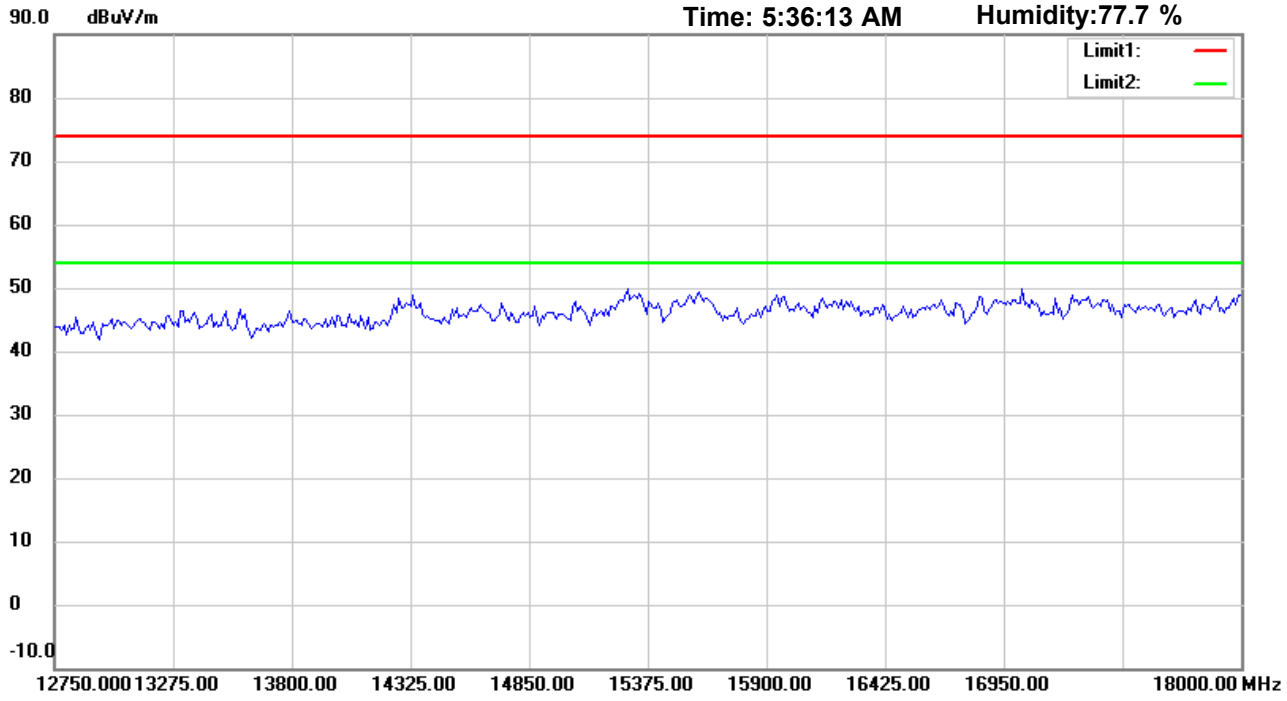
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 5:36:13 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH40

Note :

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

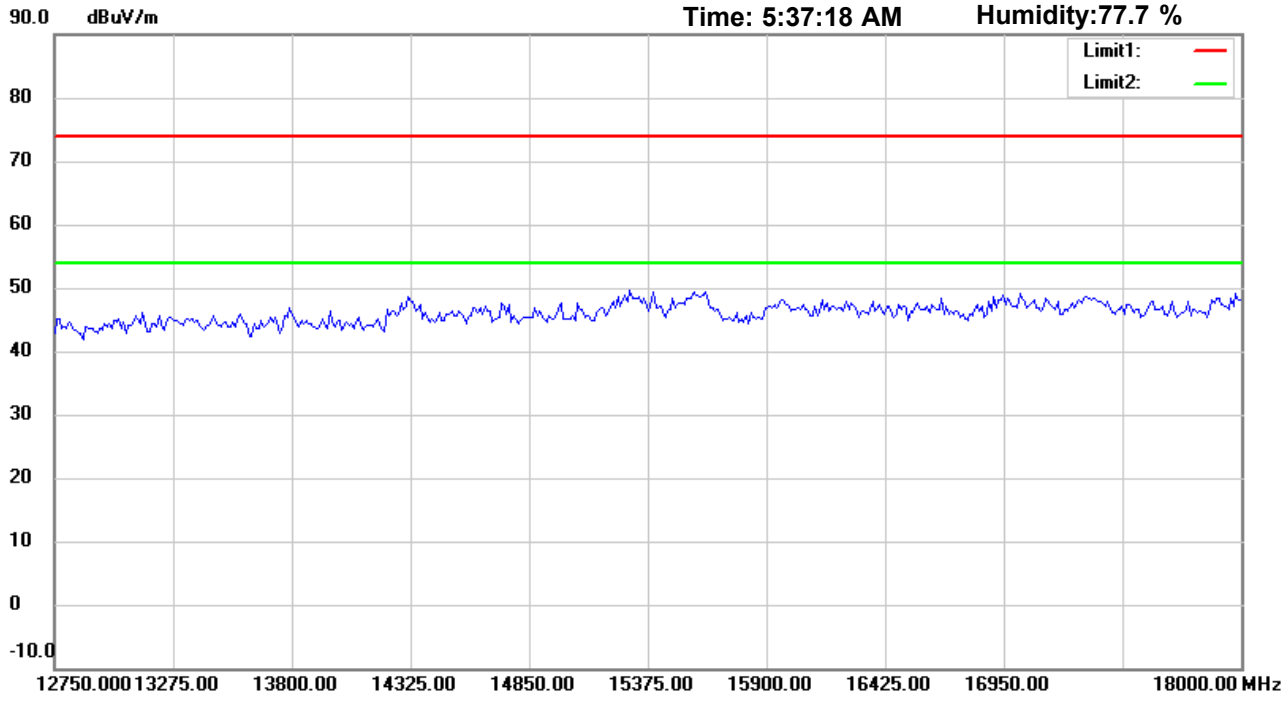
*:Maximum data x:Over limit !:over margin

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

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 5:37:18 AM Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH40

Note :

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

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

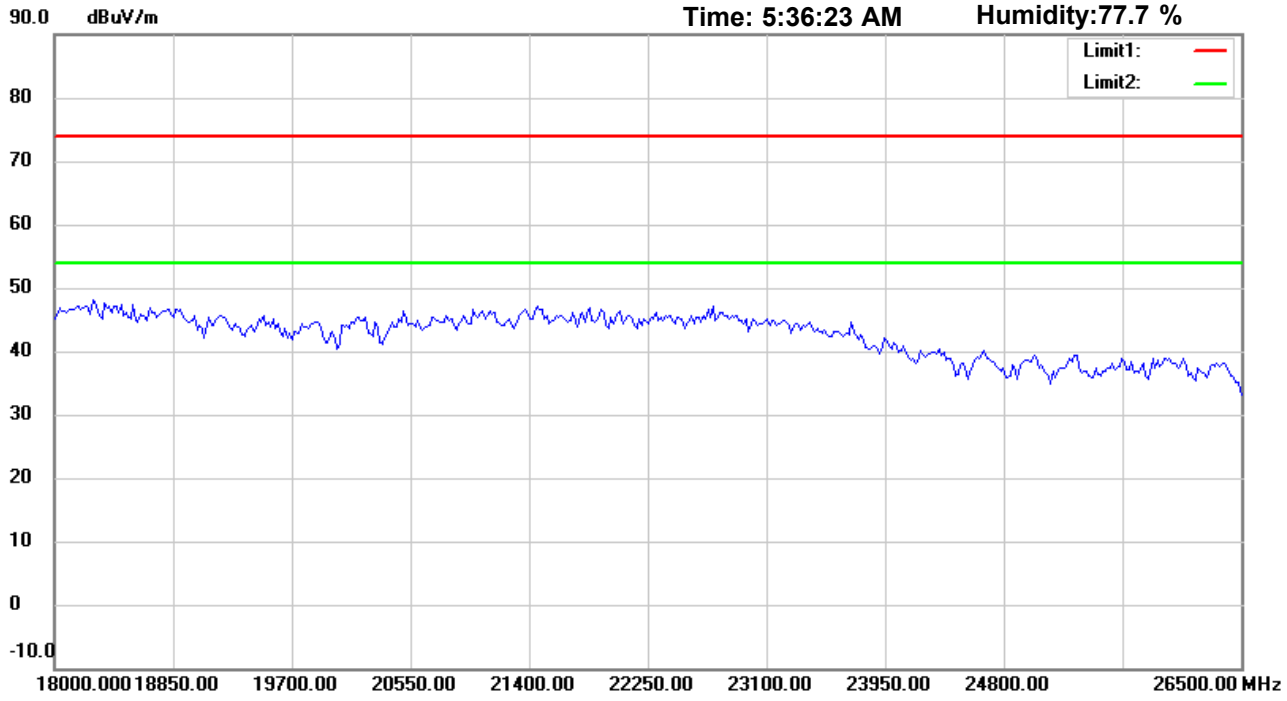
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 5:36:23 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

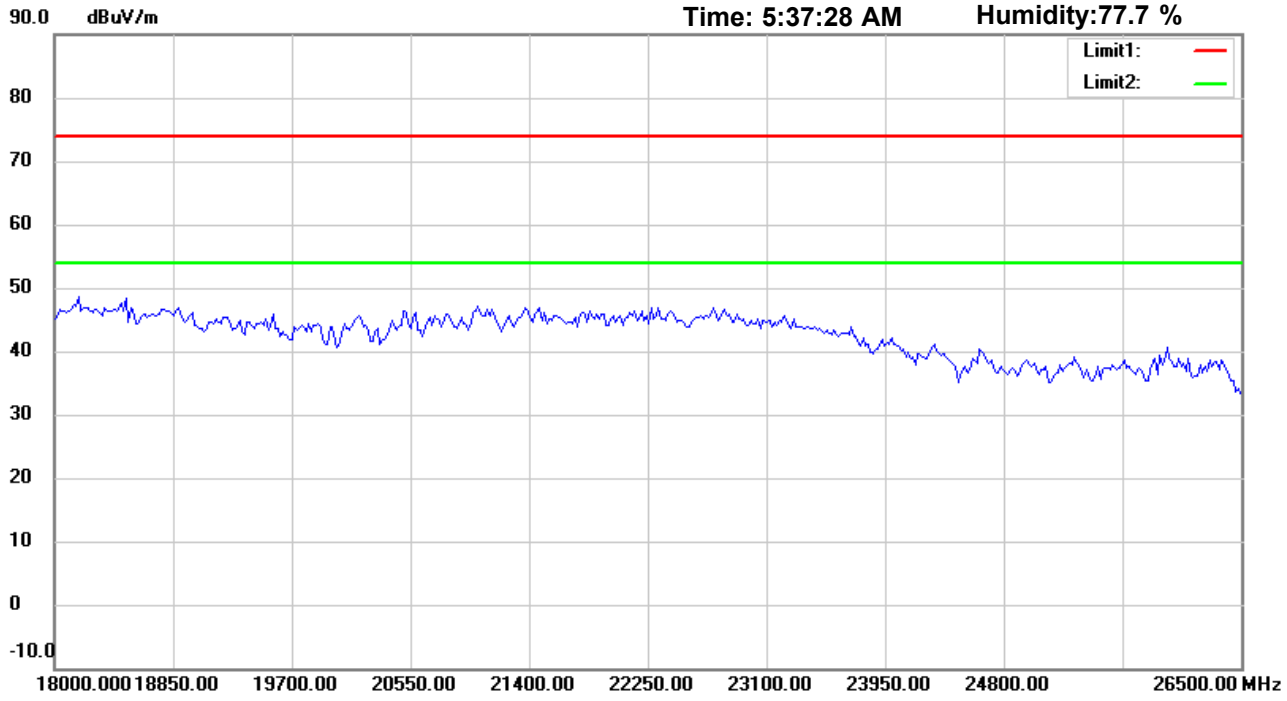
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 5:37:28 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH40

Note :

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

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

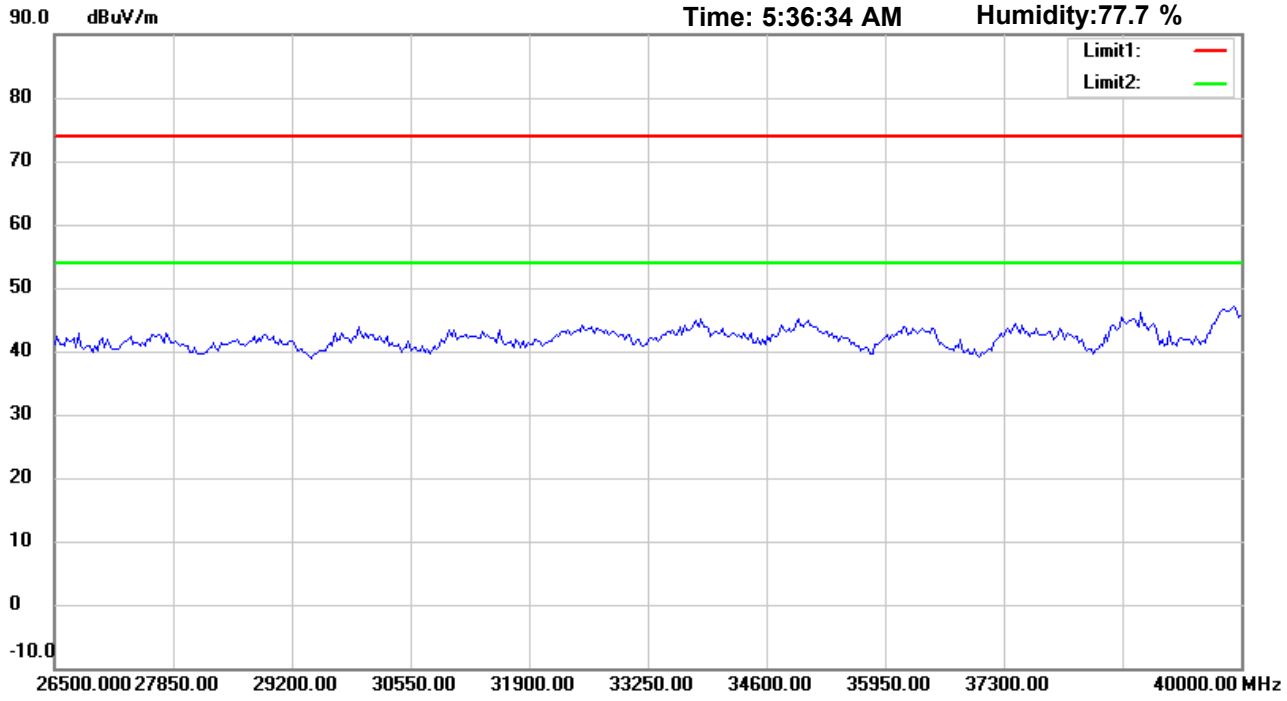
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 5:36:34 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

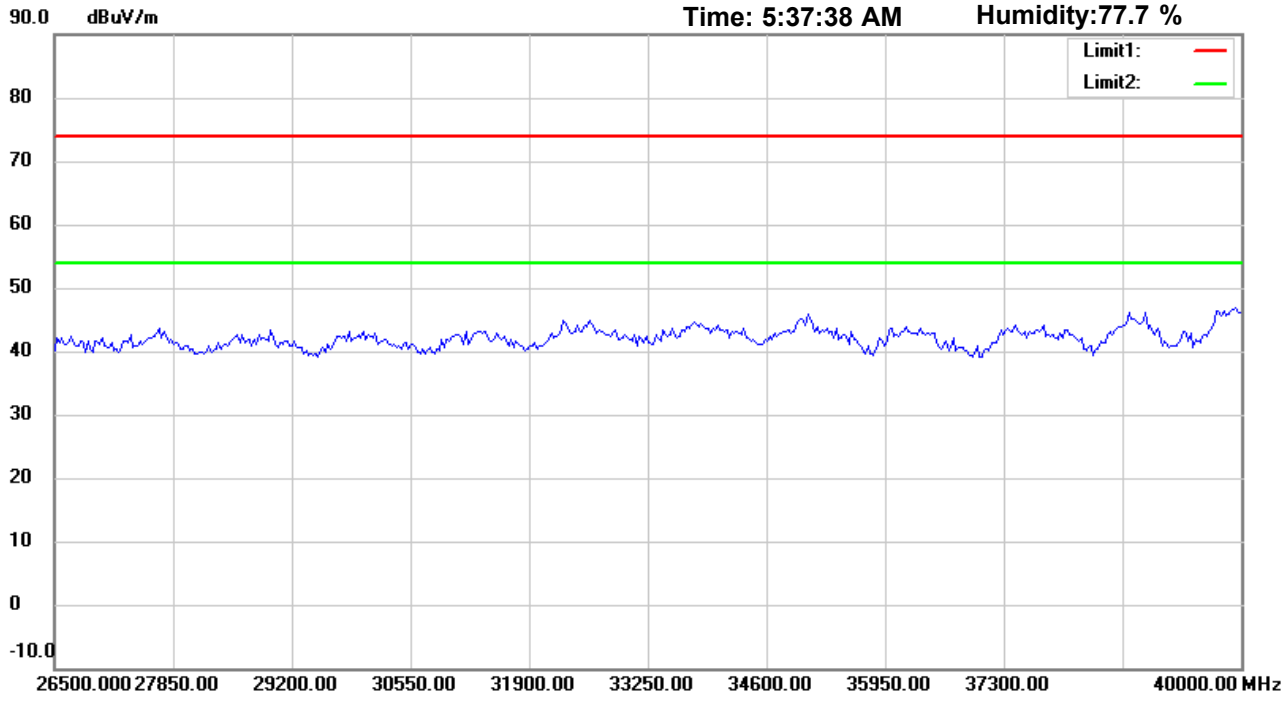
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 5:37:38 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH40

Note :

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

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

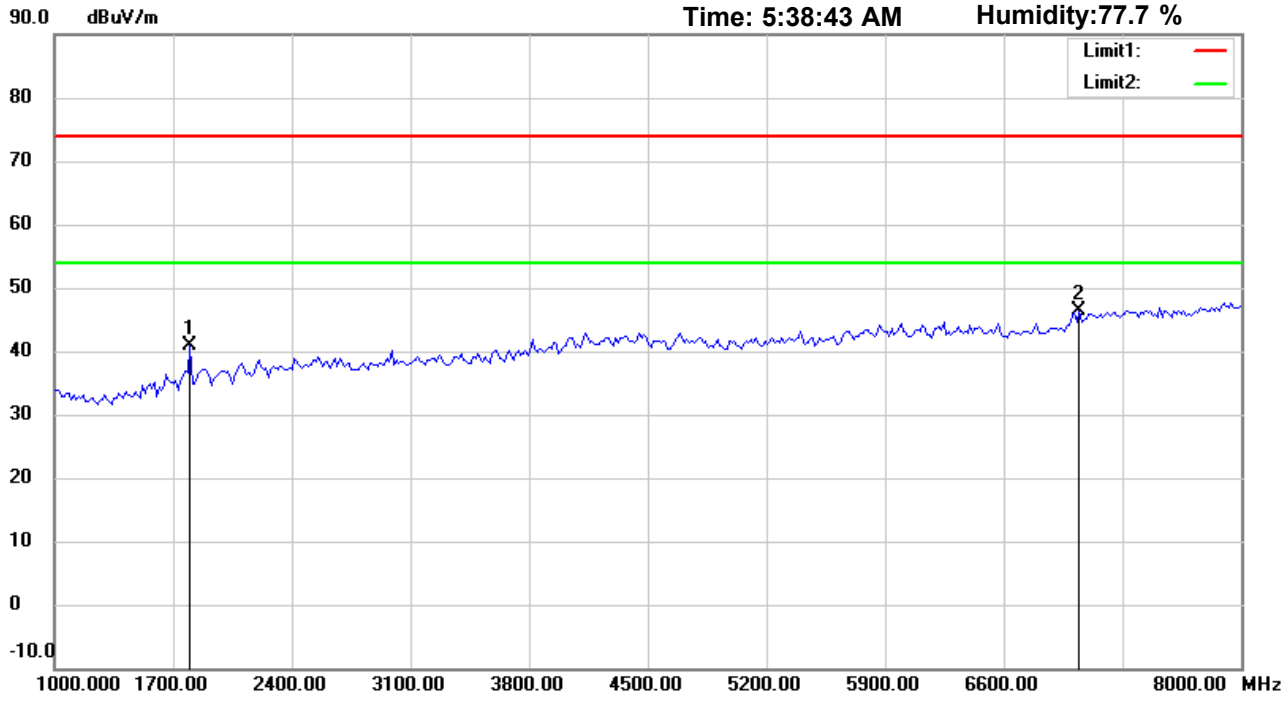
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 5:38:43 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	47.31	peak	-6.52	40.79	74.00	150	130	-33.21	
*	7046.092	40.93	peak	5.37	46.30	74.00	150	25	-27.70	

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

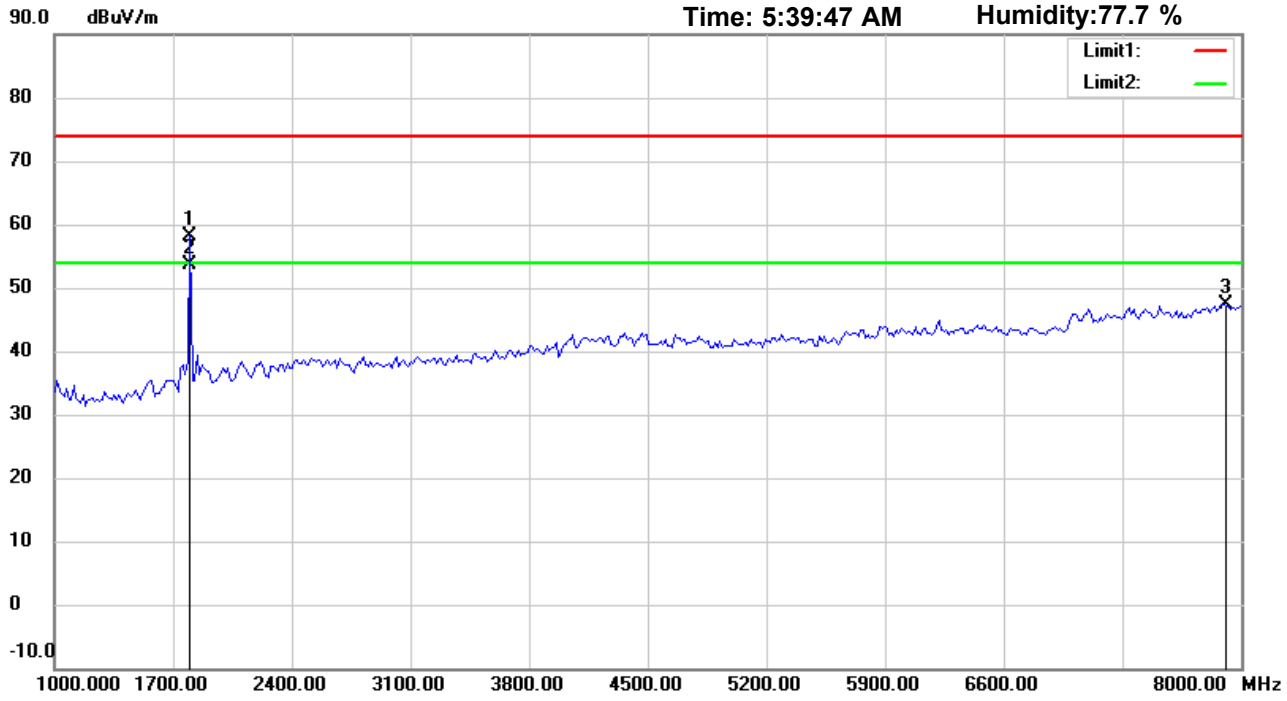
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 5:39:47 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.75	peak	-6.52	58.23	74.00	160	30	-15.77	
*	1799.599	60.12	AVG	-6.52	53.60	54.00	160	30	-0.40	
	7901.804	40.28	peak	7.19	47.47	74.00	150	175	-26.53	

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

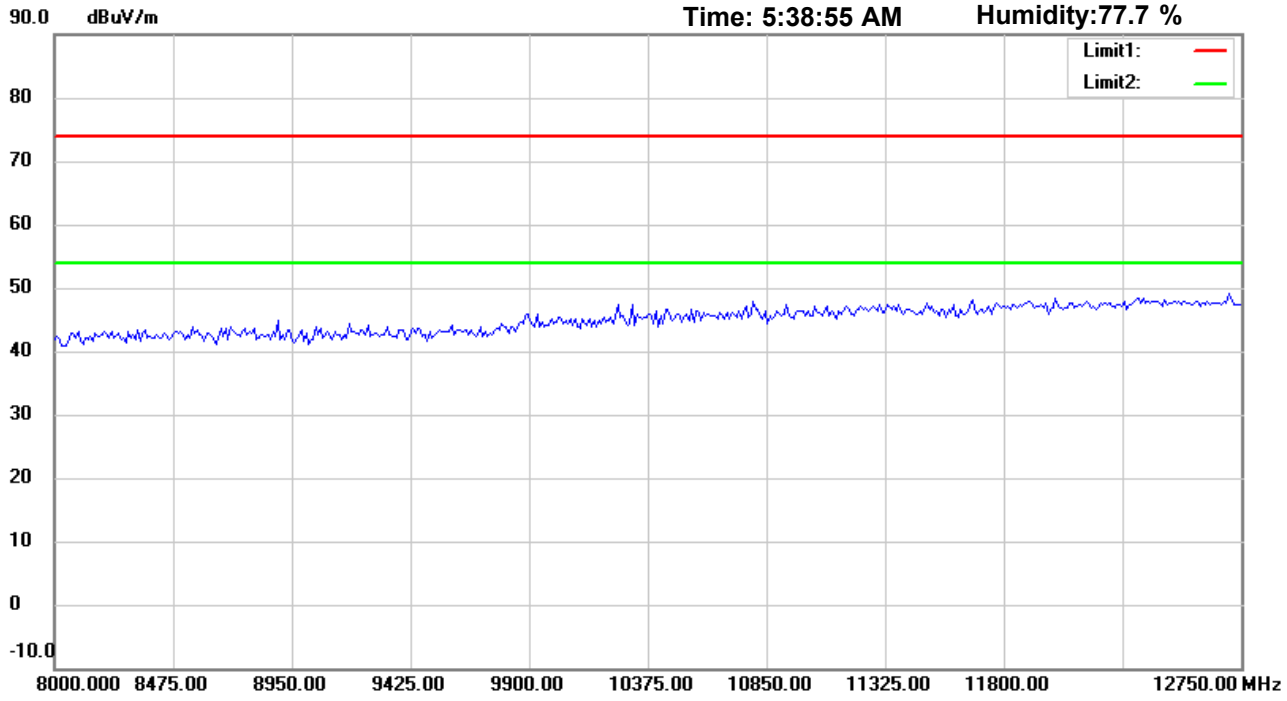
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 5:38:55 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH48

Note :

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

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

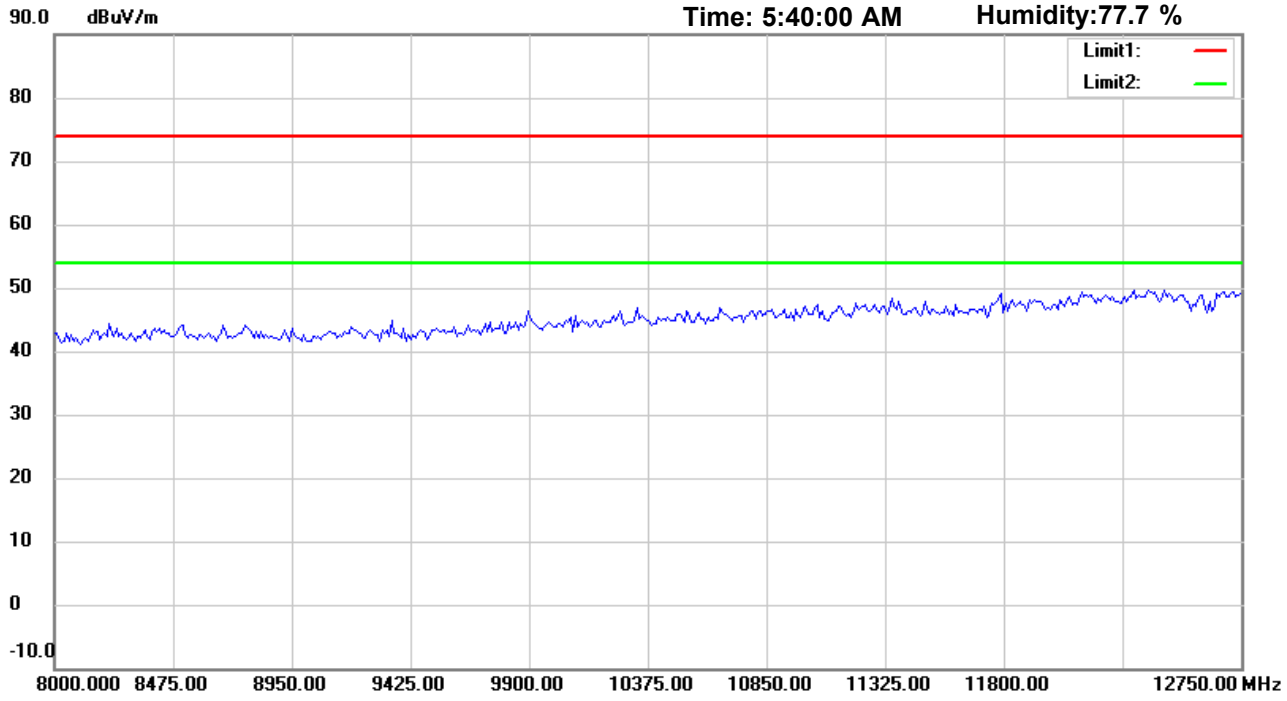
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 5:40:00 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH48

Note :

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

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

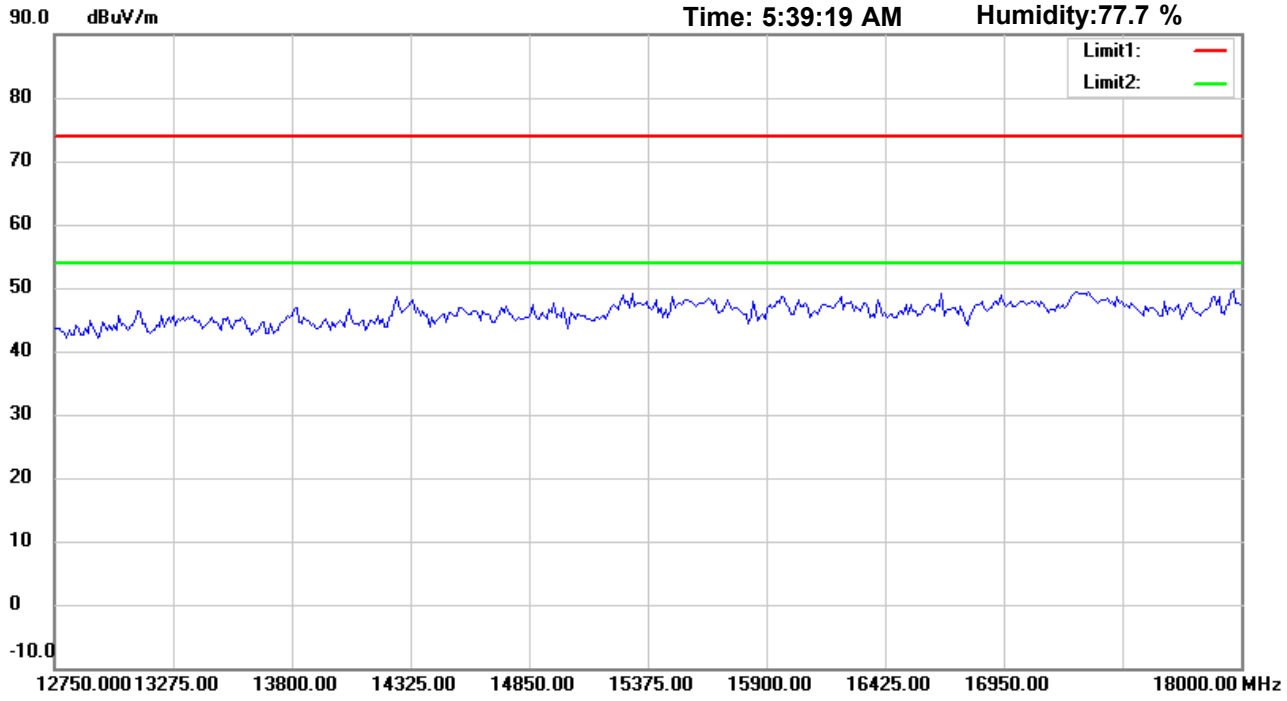
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 5:39:19 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH48

Note :

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

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

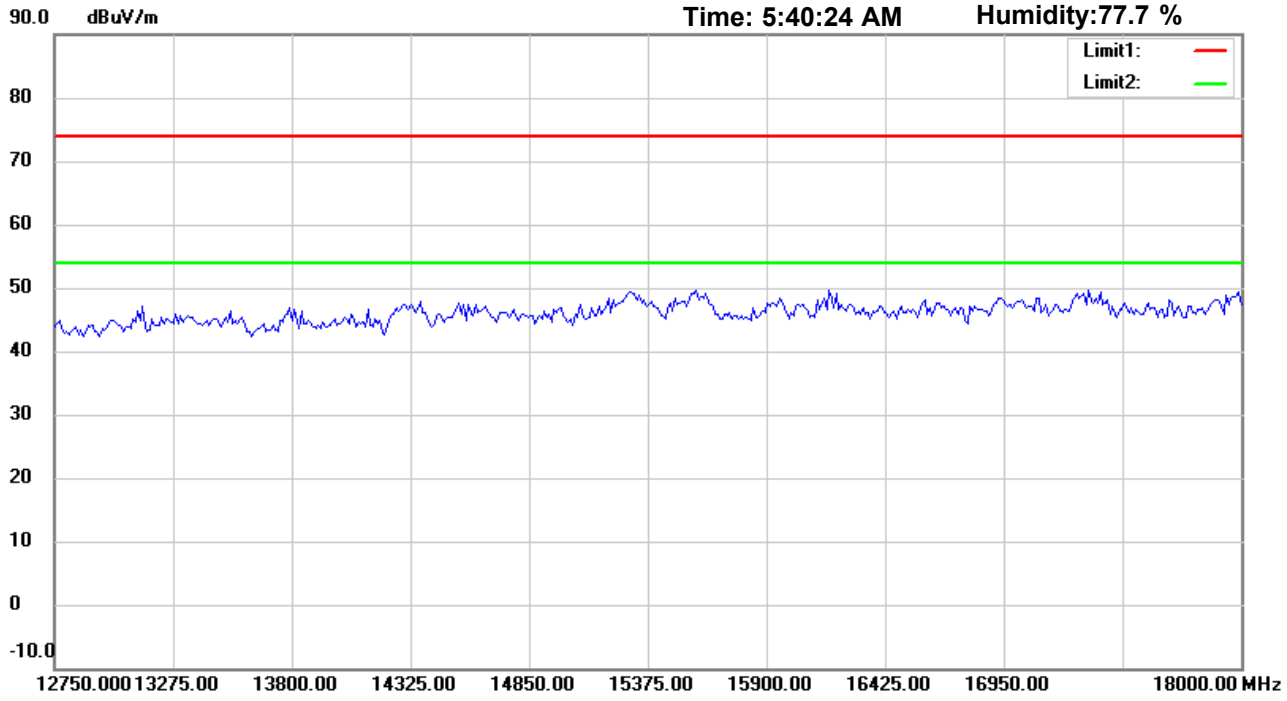
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 5:40:24 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH48

Note :

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

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

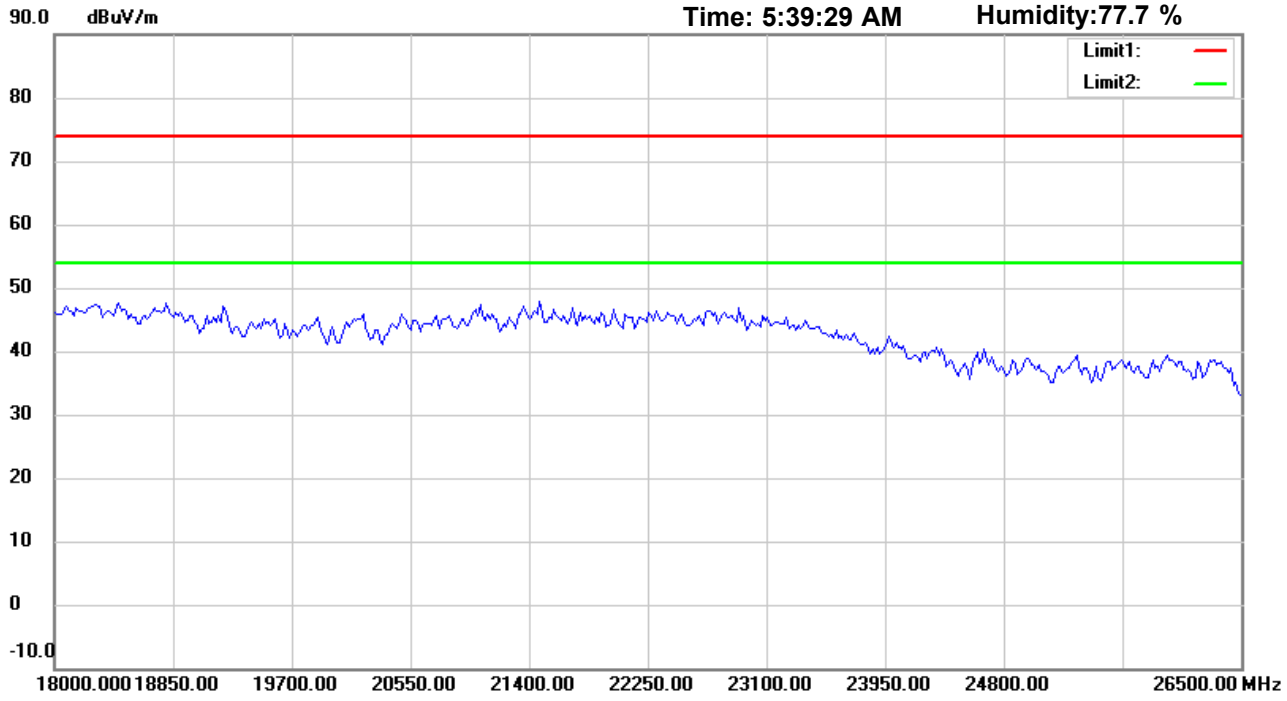
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 5:39:29 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

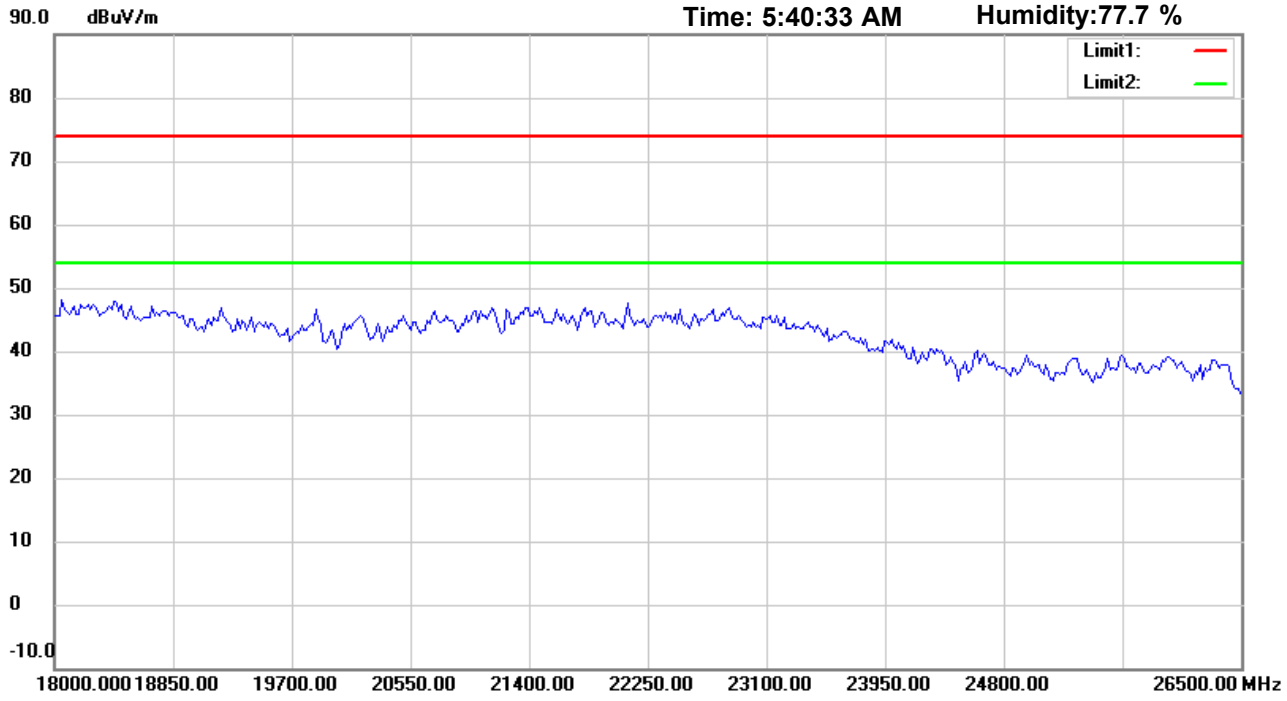
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 5:40:33 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH48

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

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

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

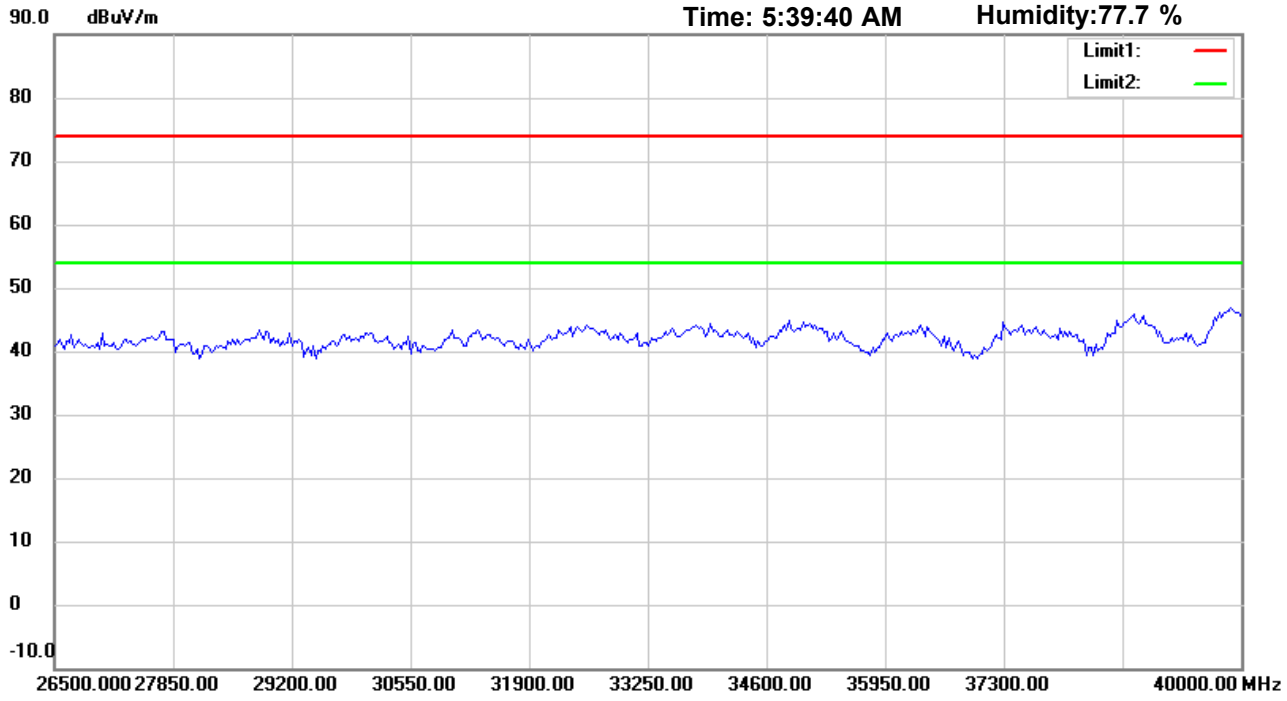
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 5:39:40 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

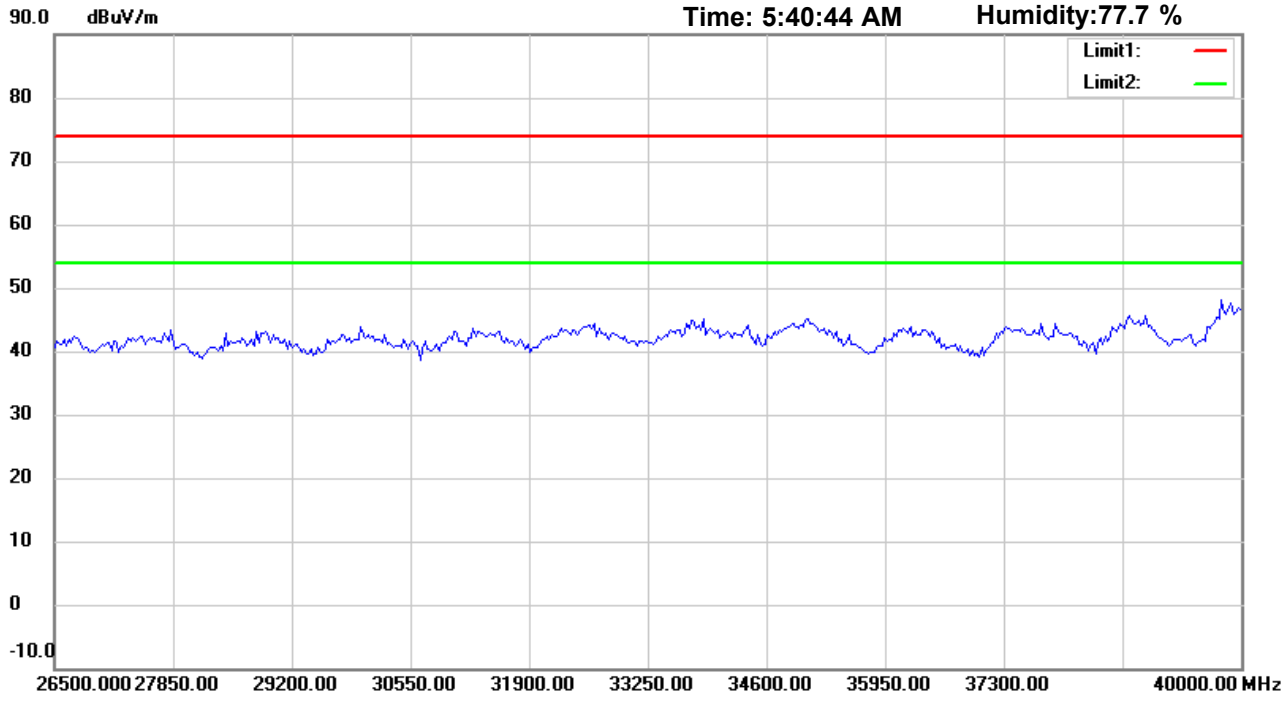
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 5:40:44 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH48

Note :

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

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

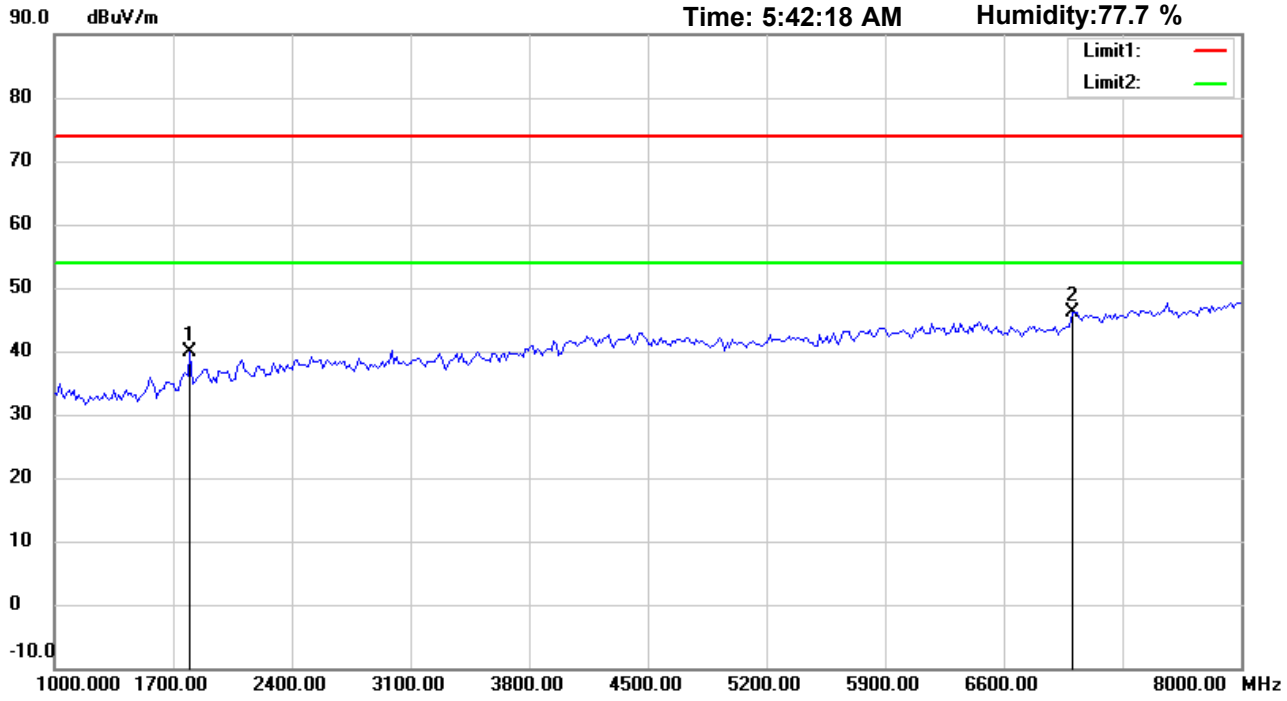
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 5:42:18 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	46.42	peak	-6.52	39.90	74.00	150	25	-34.10	
*	7004.008	40.75	peak	5.45	46.20	74.00	150	115	-27.80	

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

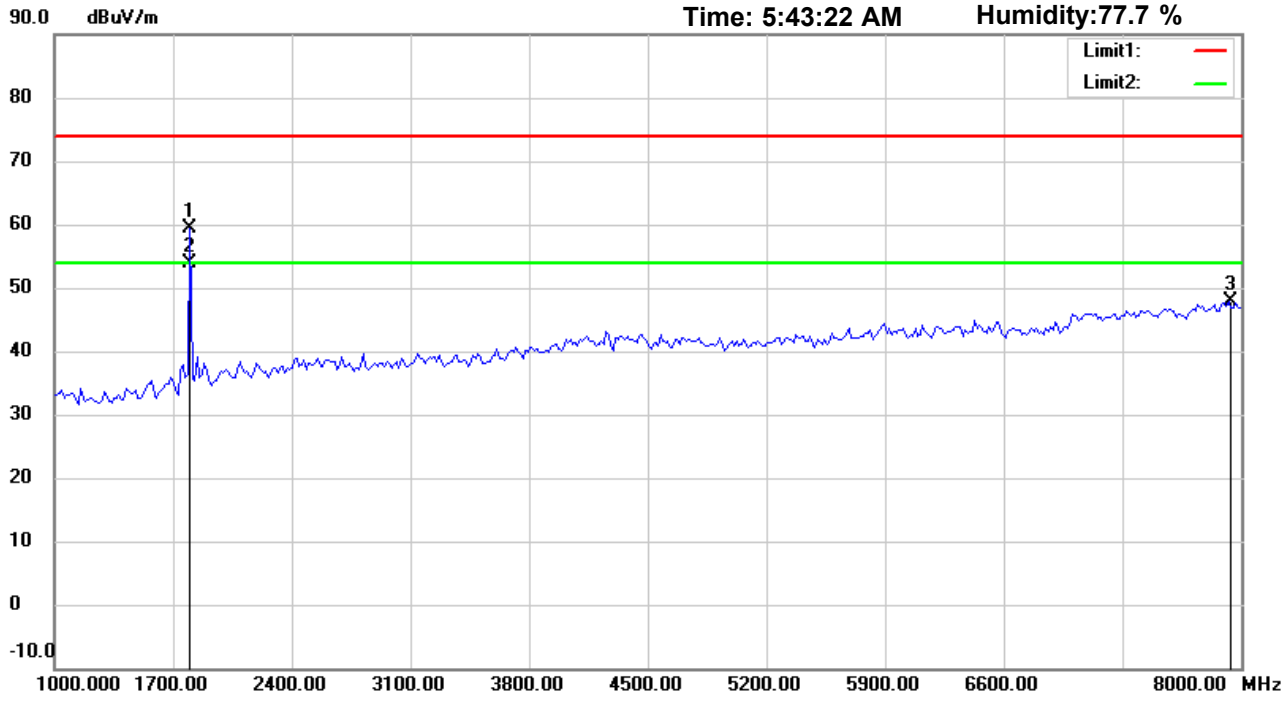
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 5:43:22 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	65.82	peak	-6.52	59.30	74.00	150	225	-14.70	
*	1799.599	60.31	AVG	-6.52	53.79	54.00	150	225	-0.21	
	7929.860	40.85	peak	7.12	47.97	74.00	150	100	-26.03	

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

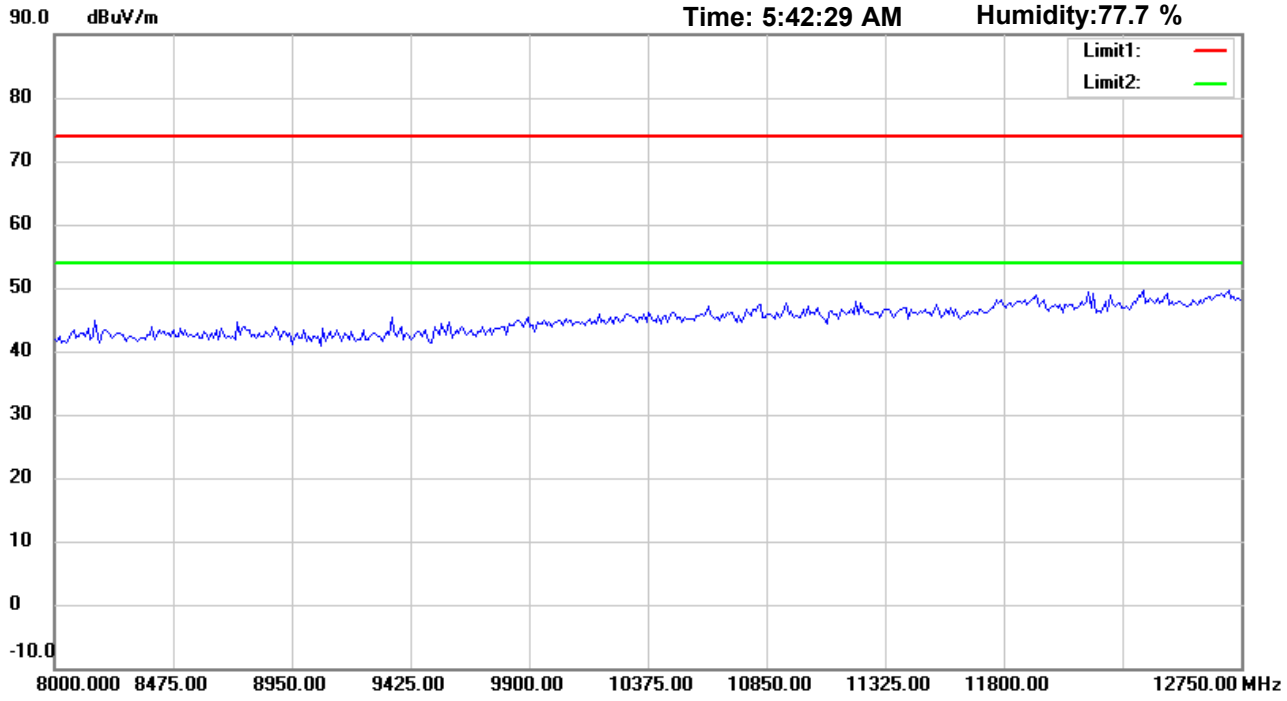
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 5:42:29 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

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

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

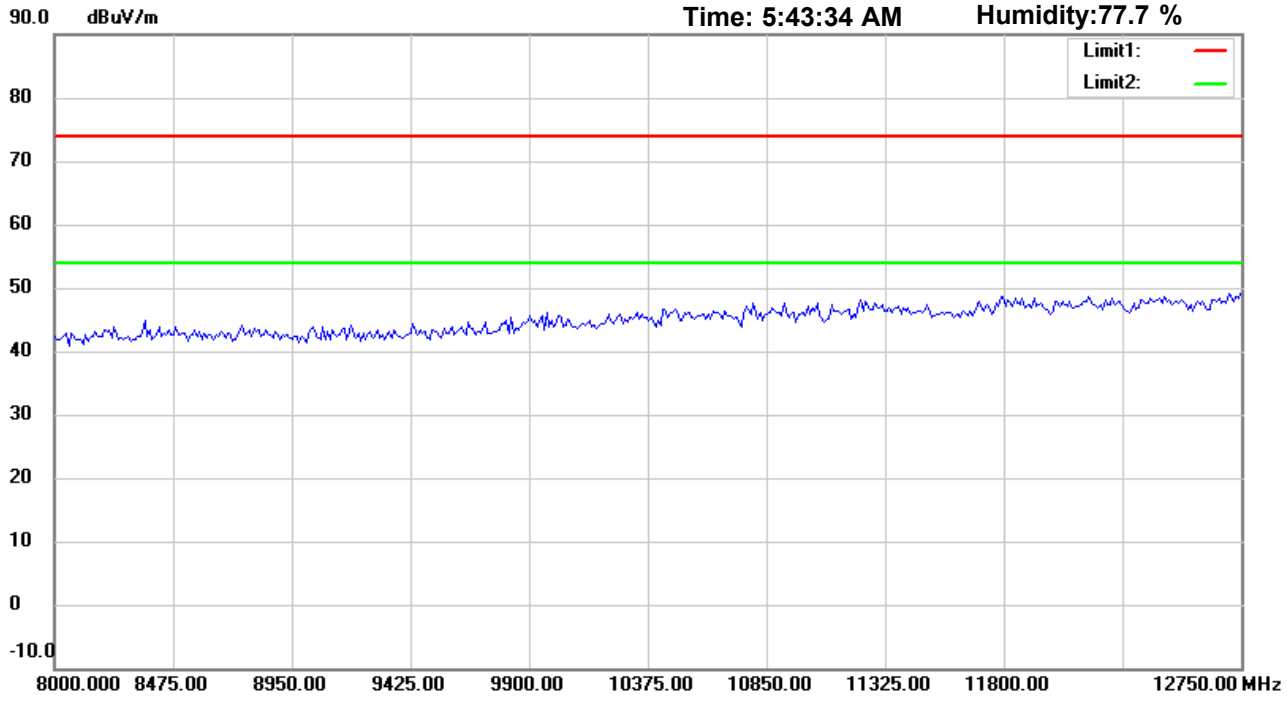
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 5:43:34 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH149

Note :

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

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

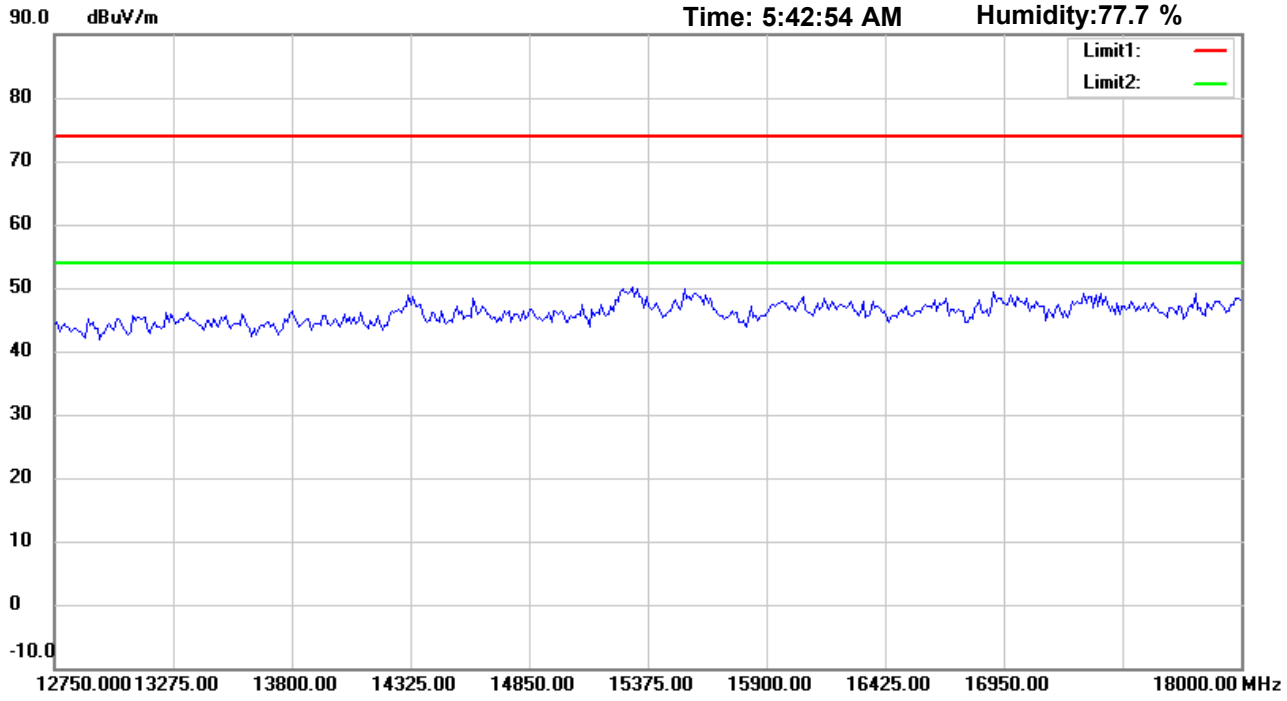
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 5:42:54 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

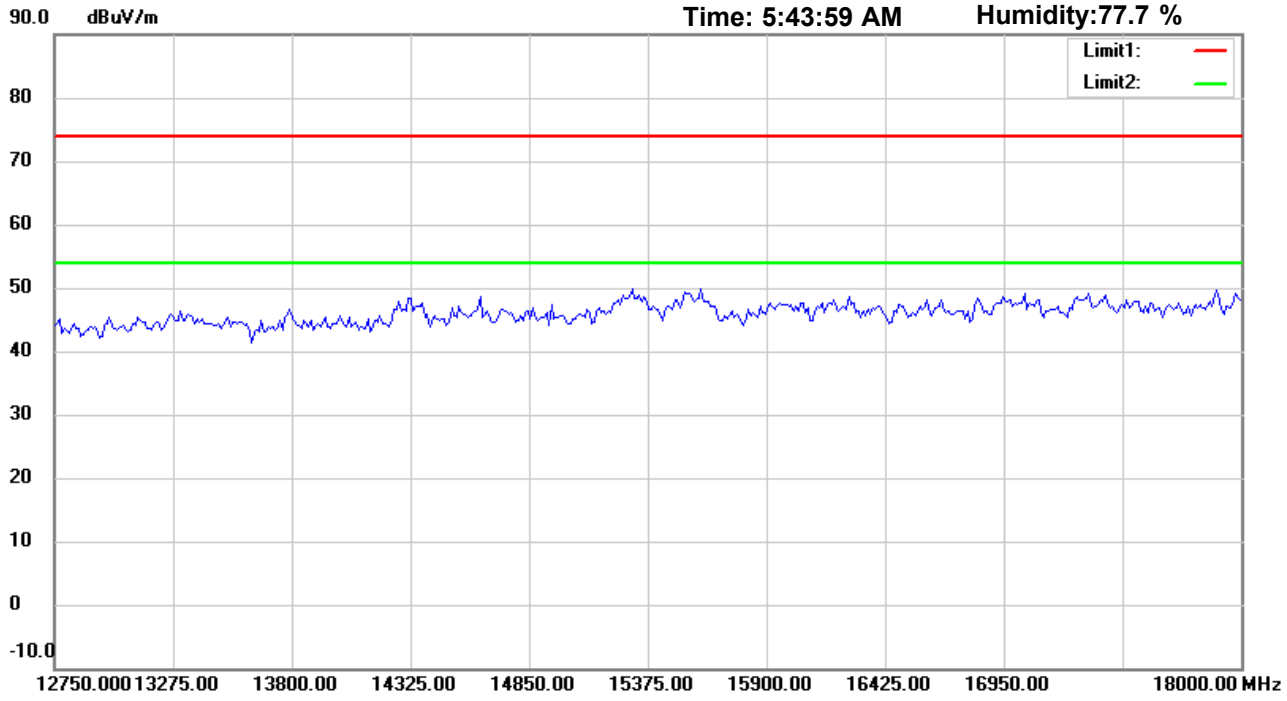
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 5:43:59 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

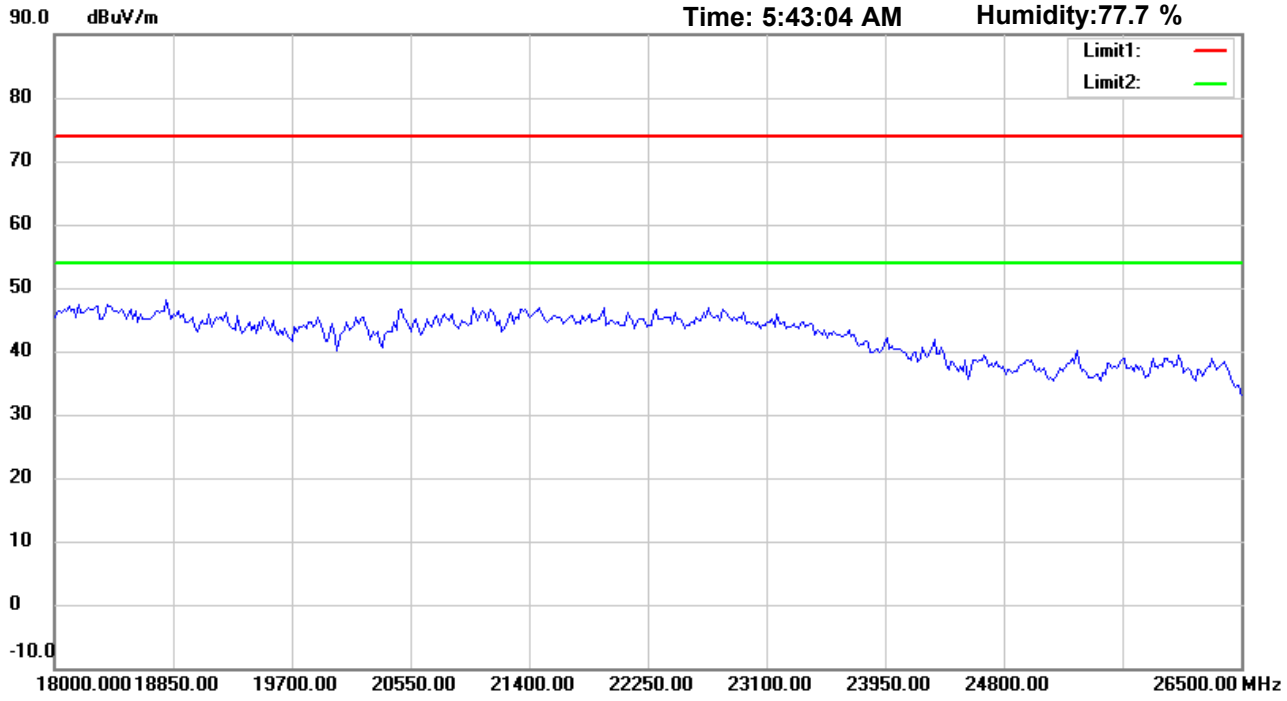
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 5:43:04 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

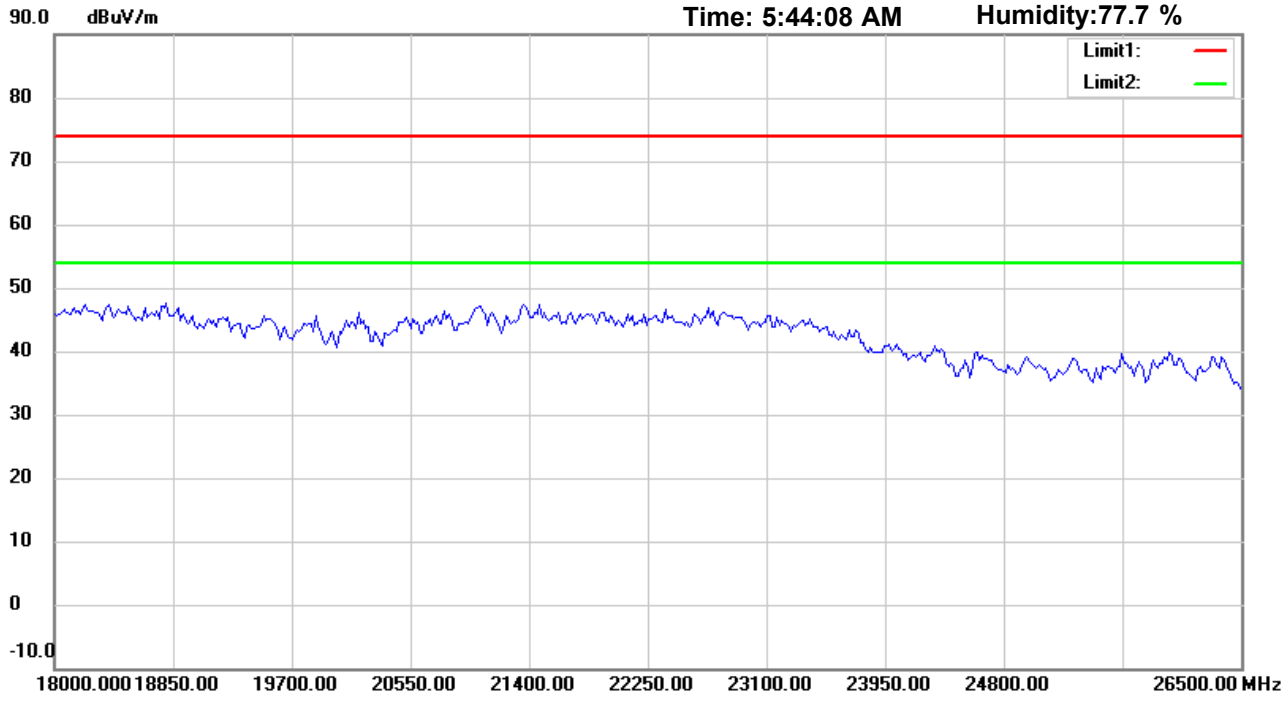
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 5:44:08 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

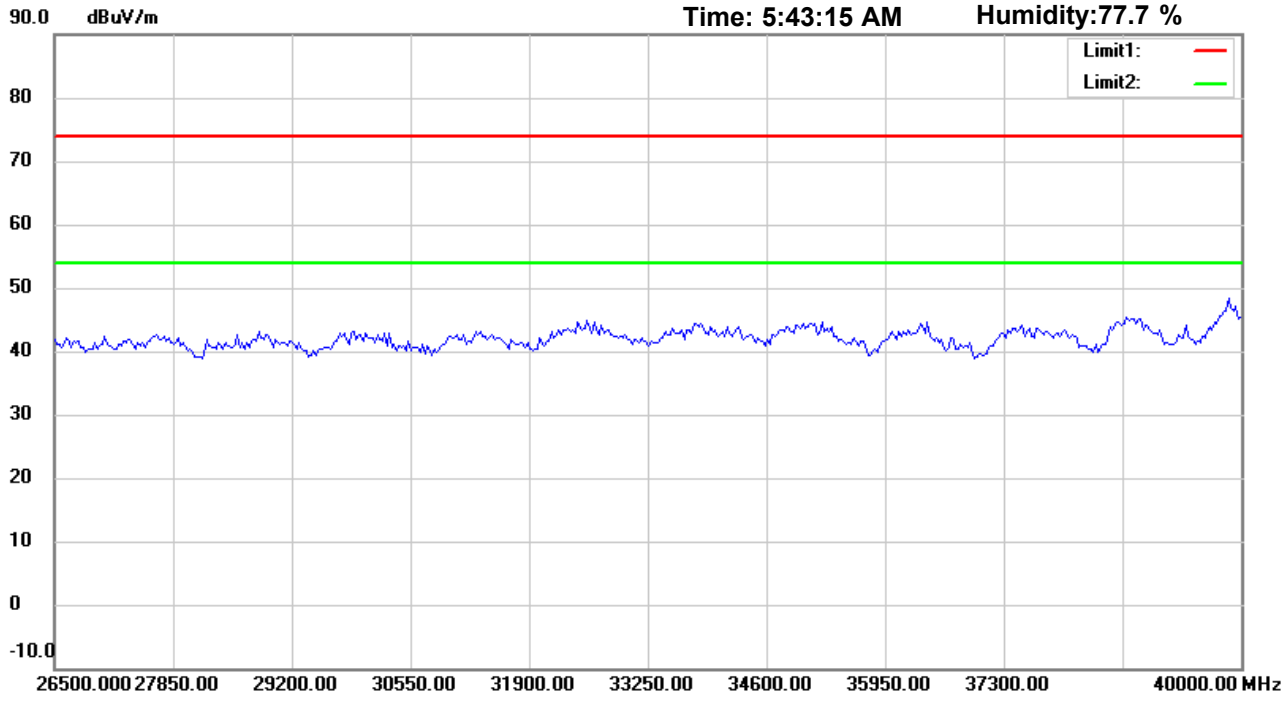
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 5:43:15 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

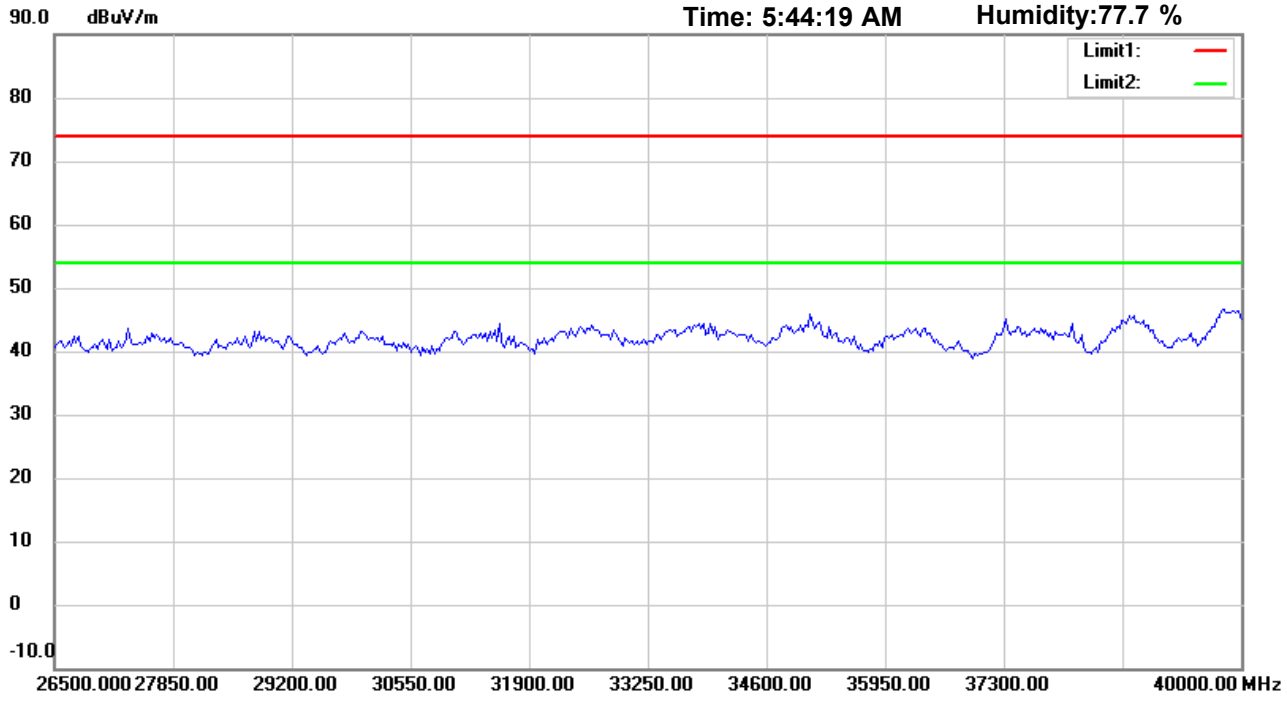
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 5:44:19 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

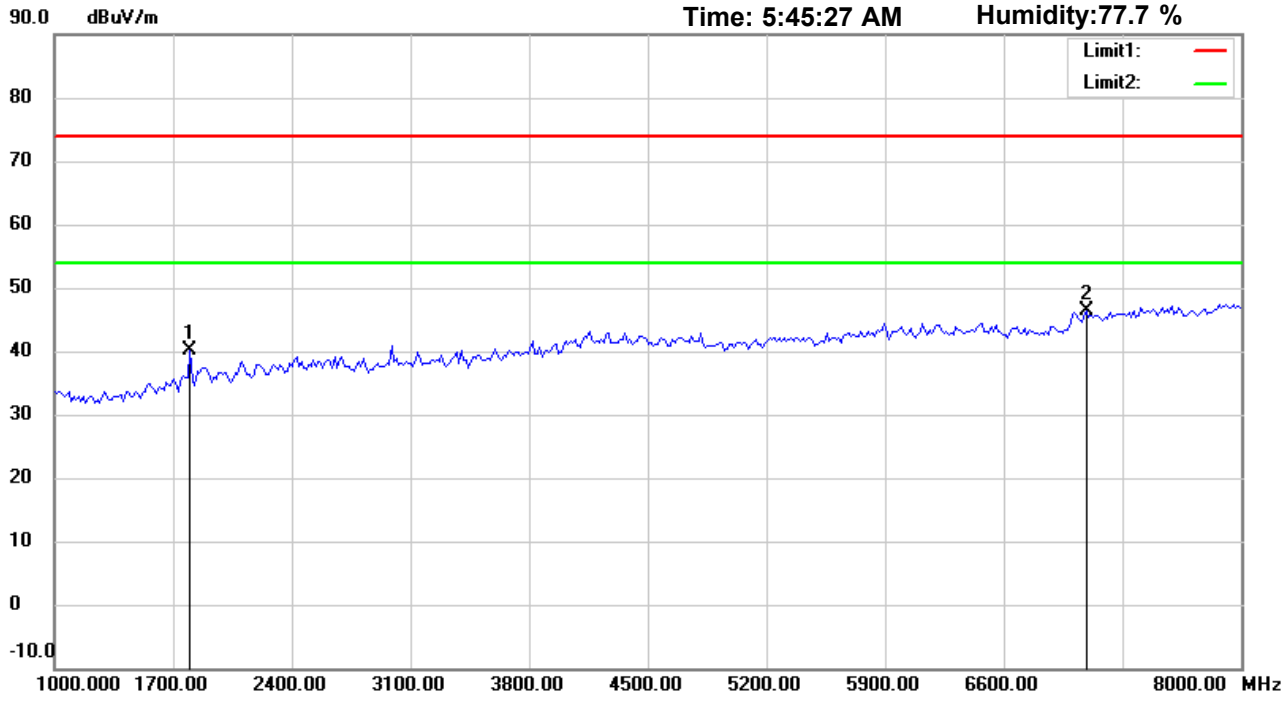
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 5:45:27 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	46.69	peak	-6.52	40.17	74.00	150	135	-33.83	
*	7088.176	41.19	peak	5.29	46.48	74.00	150	5	-27.52	

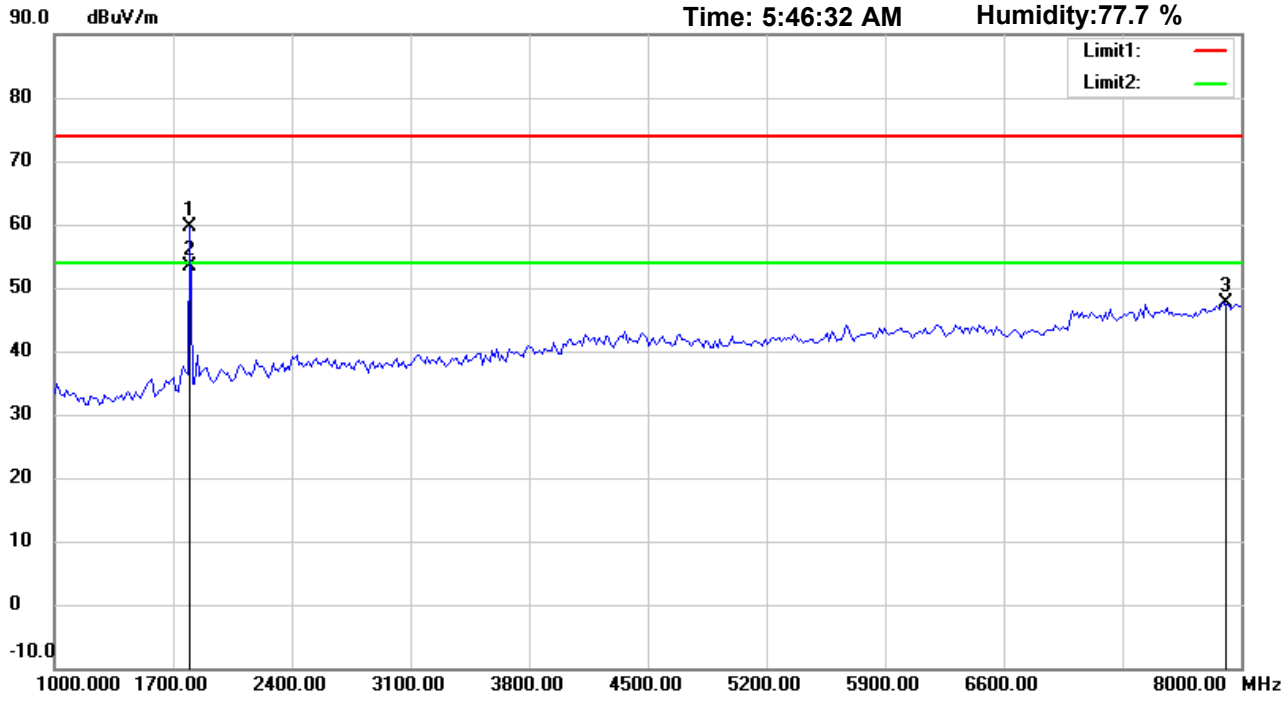
*:Maximum data x:Over limit !:over margin

Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 5:46:32 AM Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	66.15	peak	-6.52	59.63	74.00	150	50	-14.37	
*	1799.599	59.82	AVG	-6.52	53.30	54.00	150	50	-0.70	
	7901.804	40.41	peak	7.19	47.60	74.00	150	115	-26.40	

*:Maximum data x:Over limit !:over margin

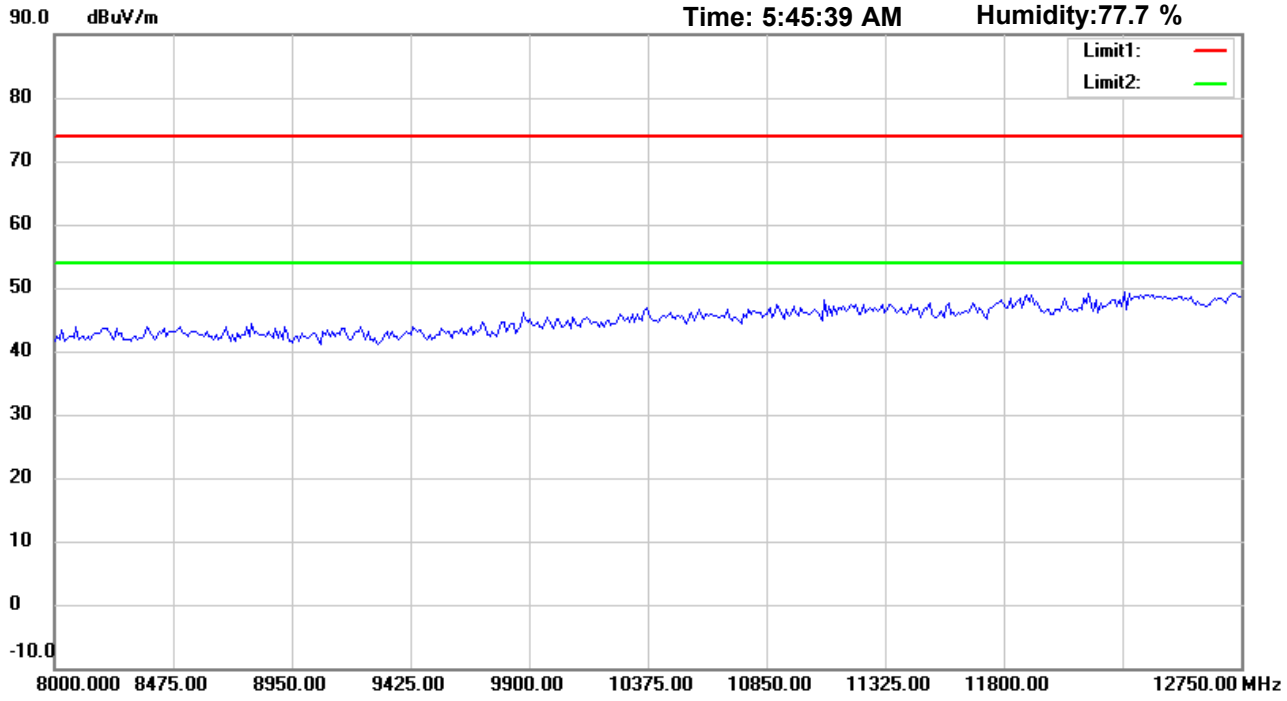
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 5:45:39 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

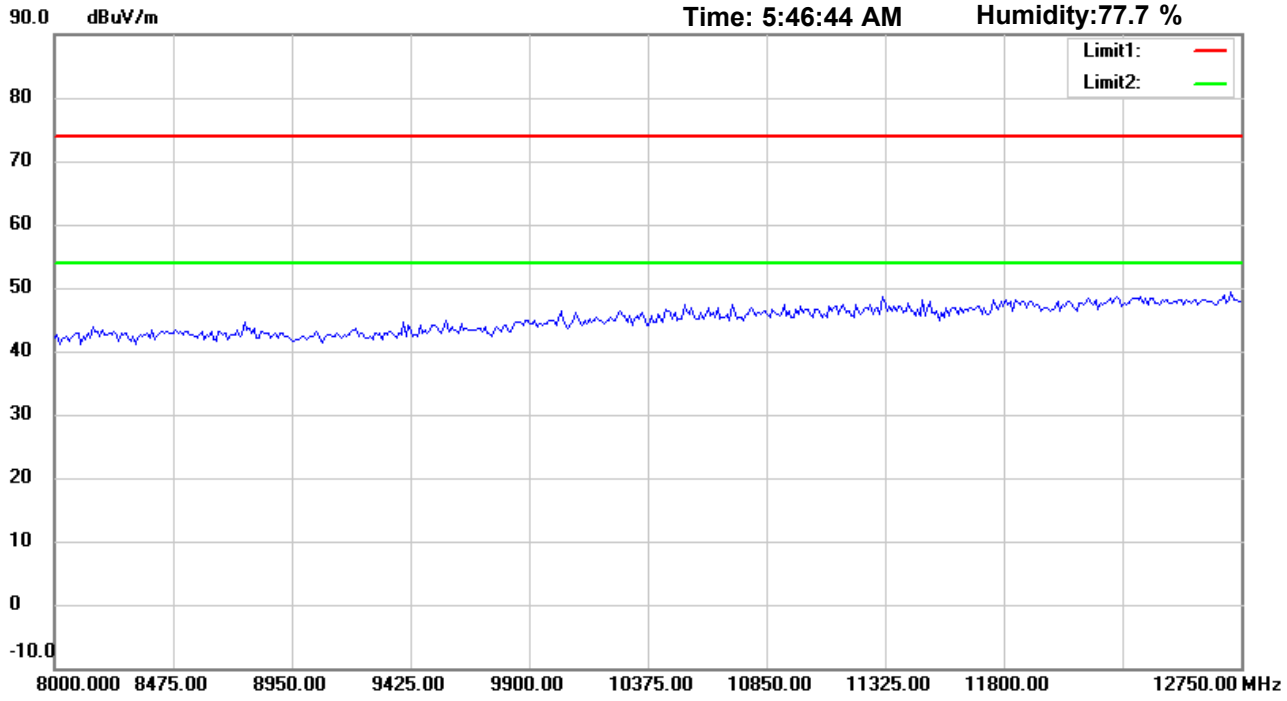
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 5:46:44 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

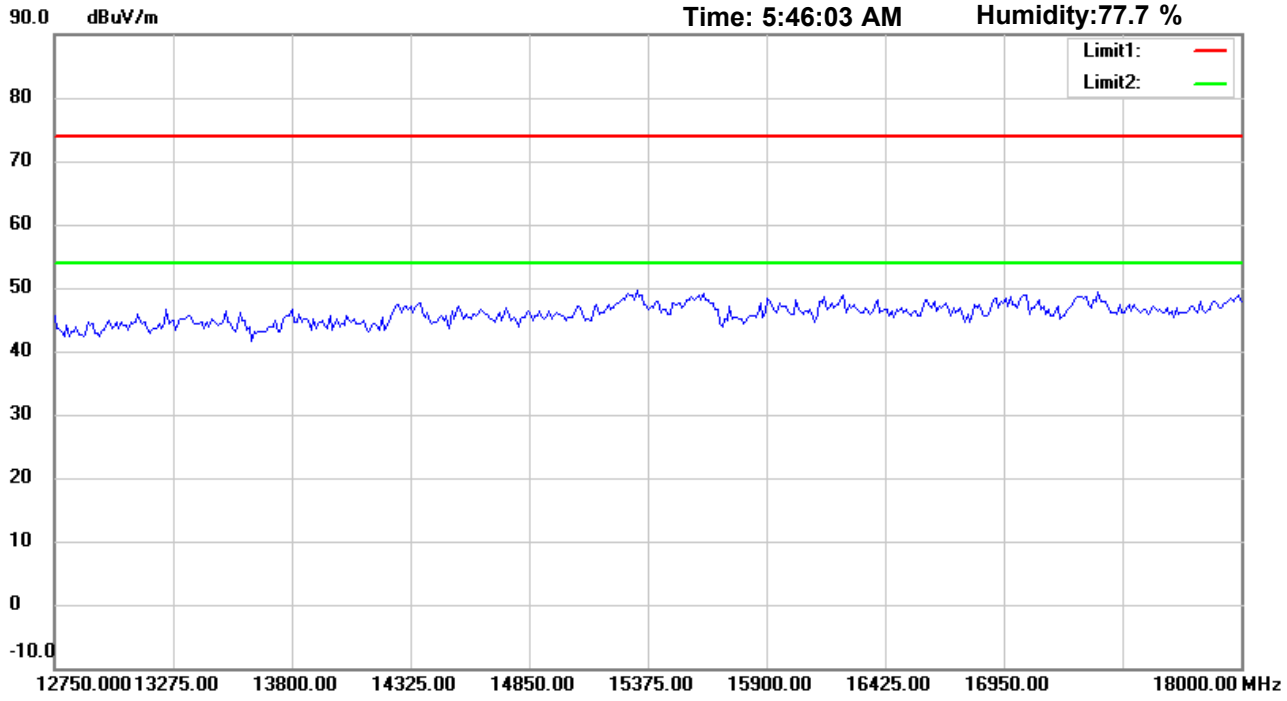
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 5:46:03 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

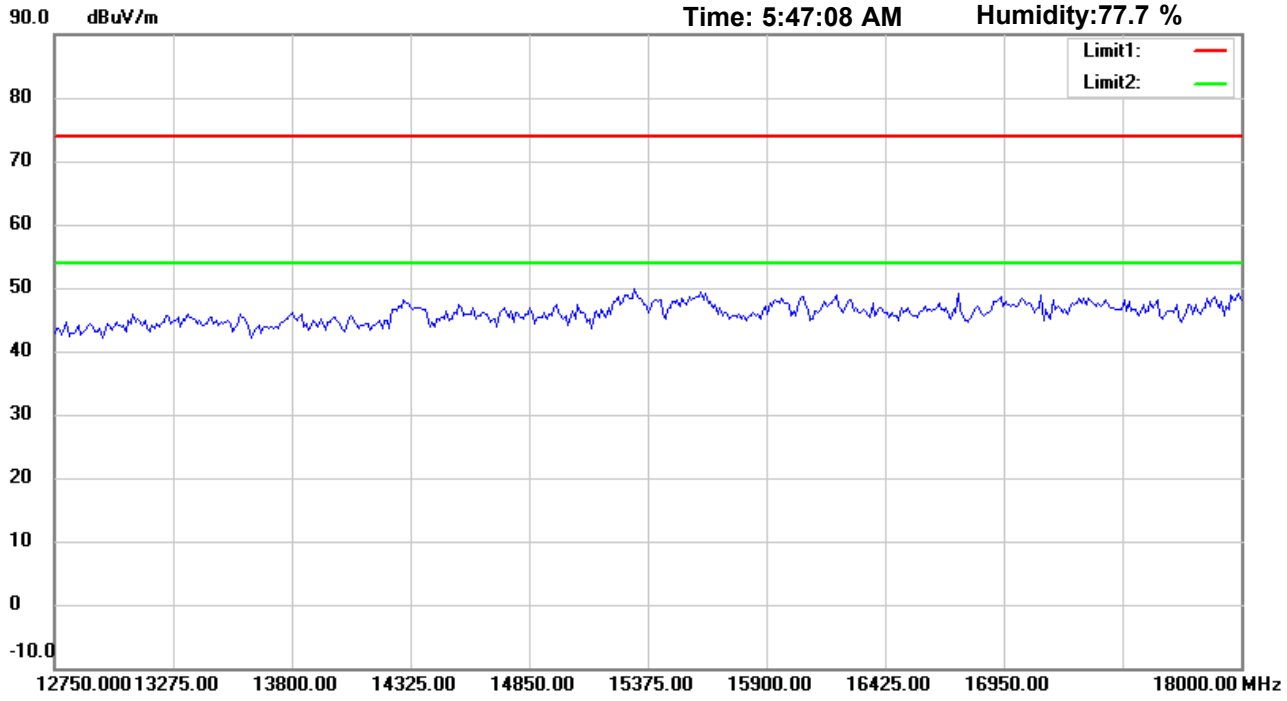
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 5:47:08 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

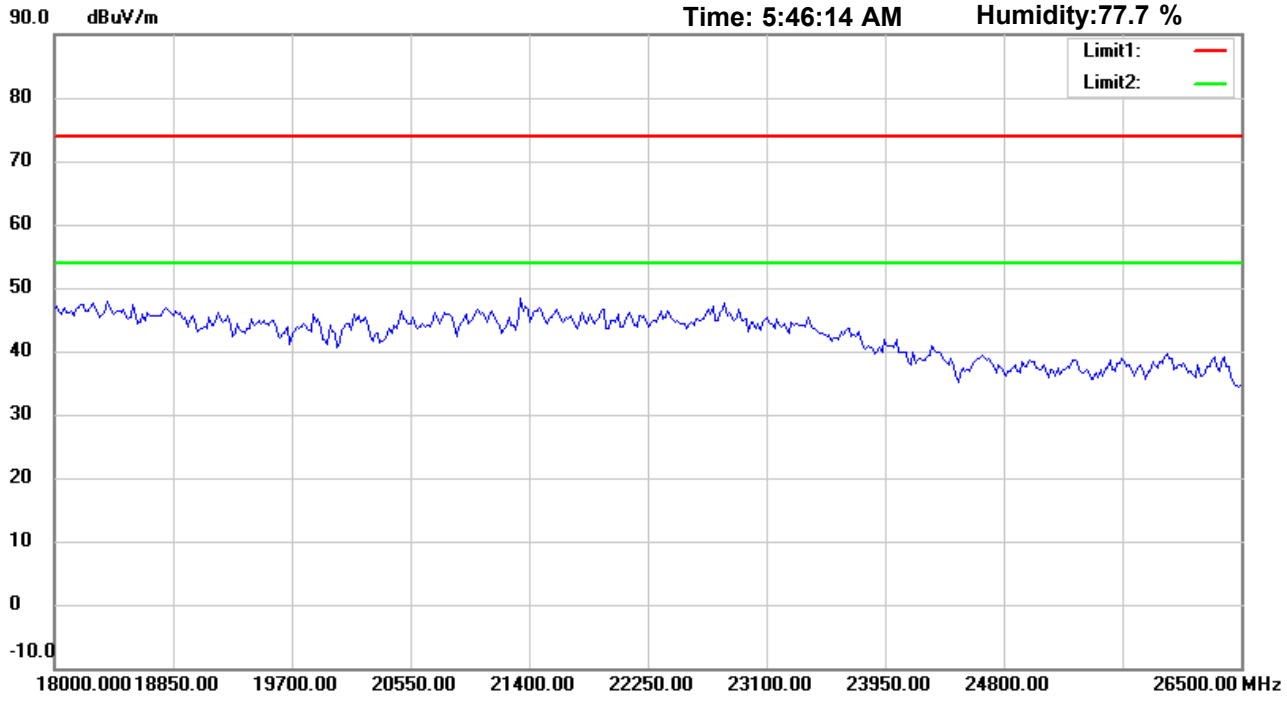
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 5:46:14 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

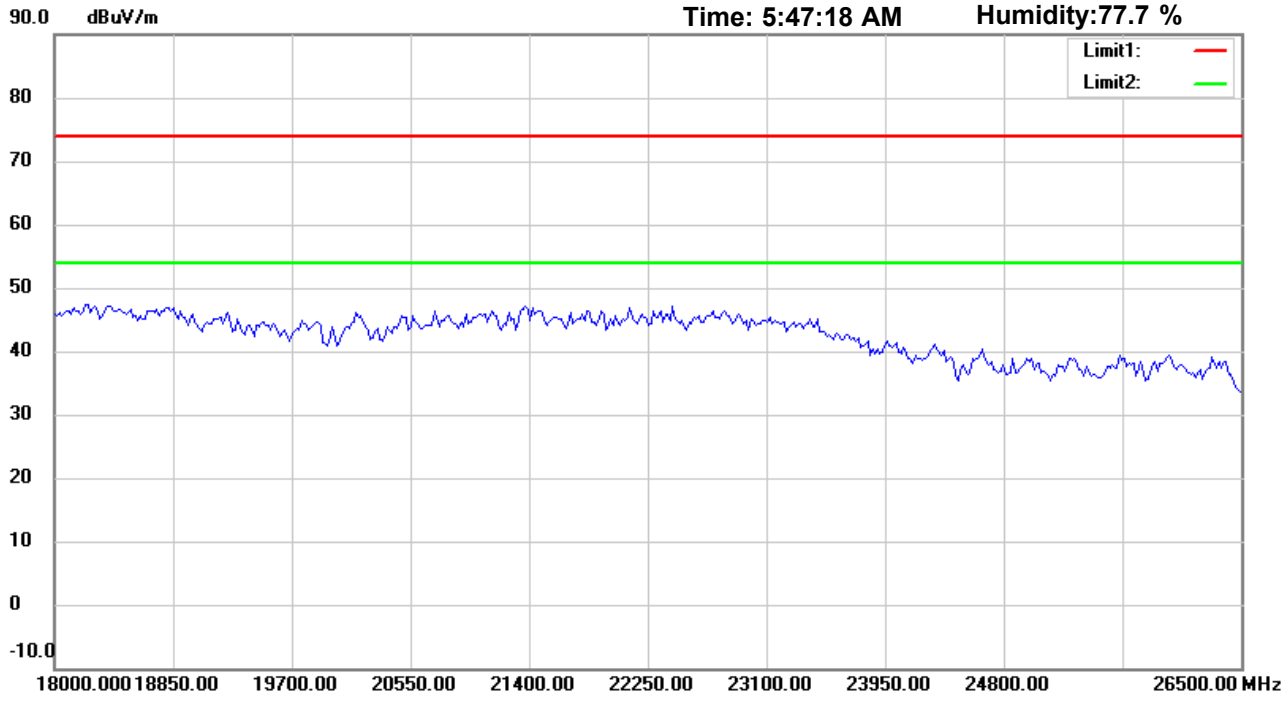
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 5:47:18 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

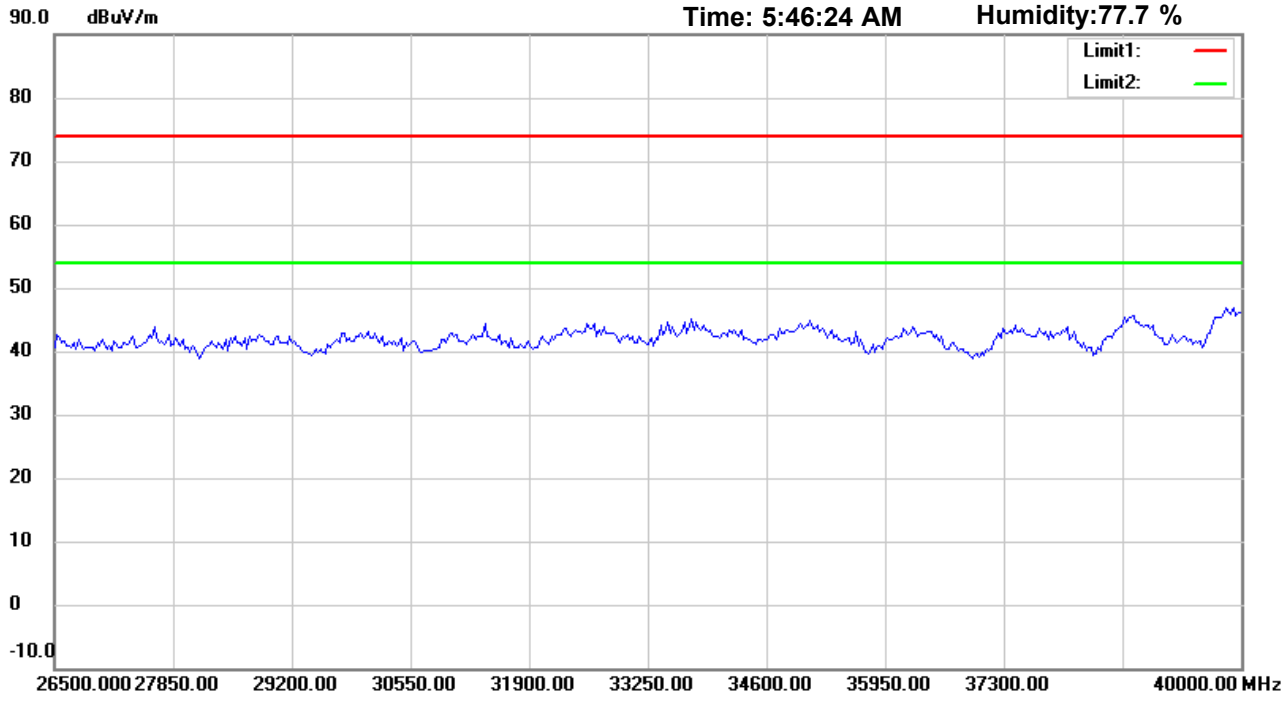
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 5:46:24 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

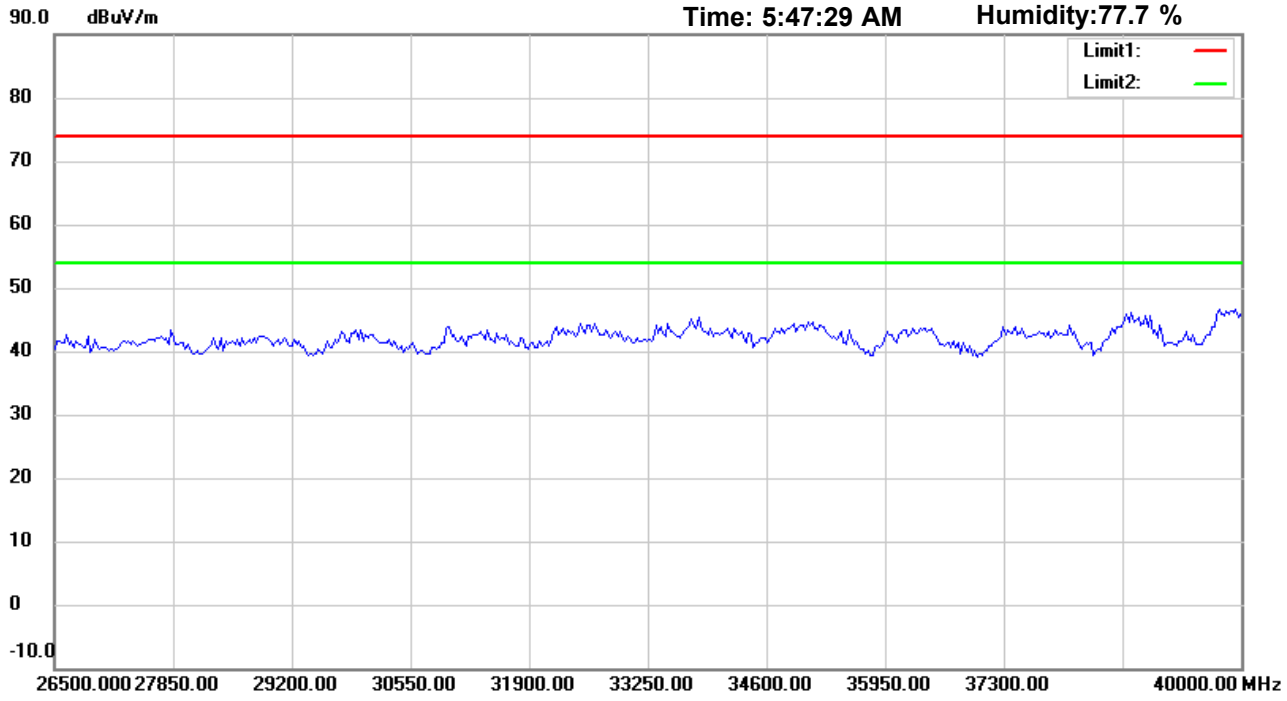
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 5:47:29 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

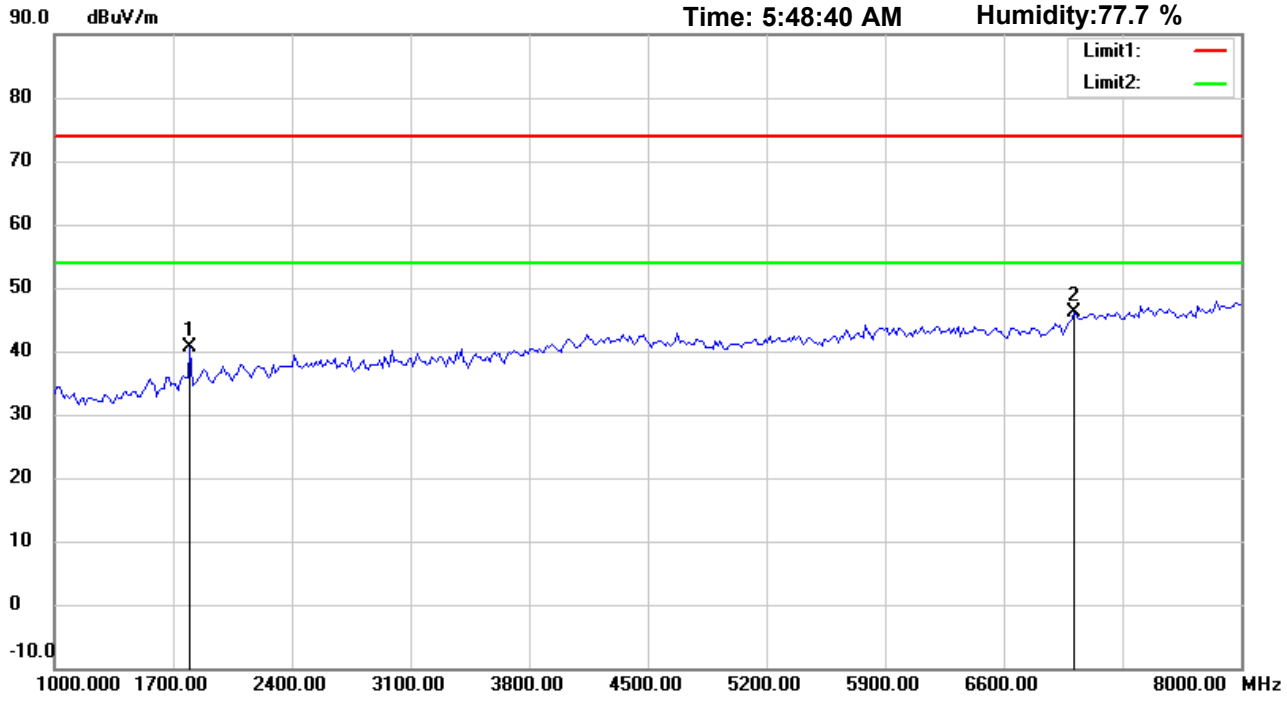
*:Maximum data x:Over limit !:over margin

Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 5:48:40 AM Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	47.19	peak	-6.52	40.67	74.00	150	355	-33.33	
*	7018.036	40.81	peak	5.43	46.24	74.00	150	80	-27.76	

*:Maximum data x:Over limit !:over margin

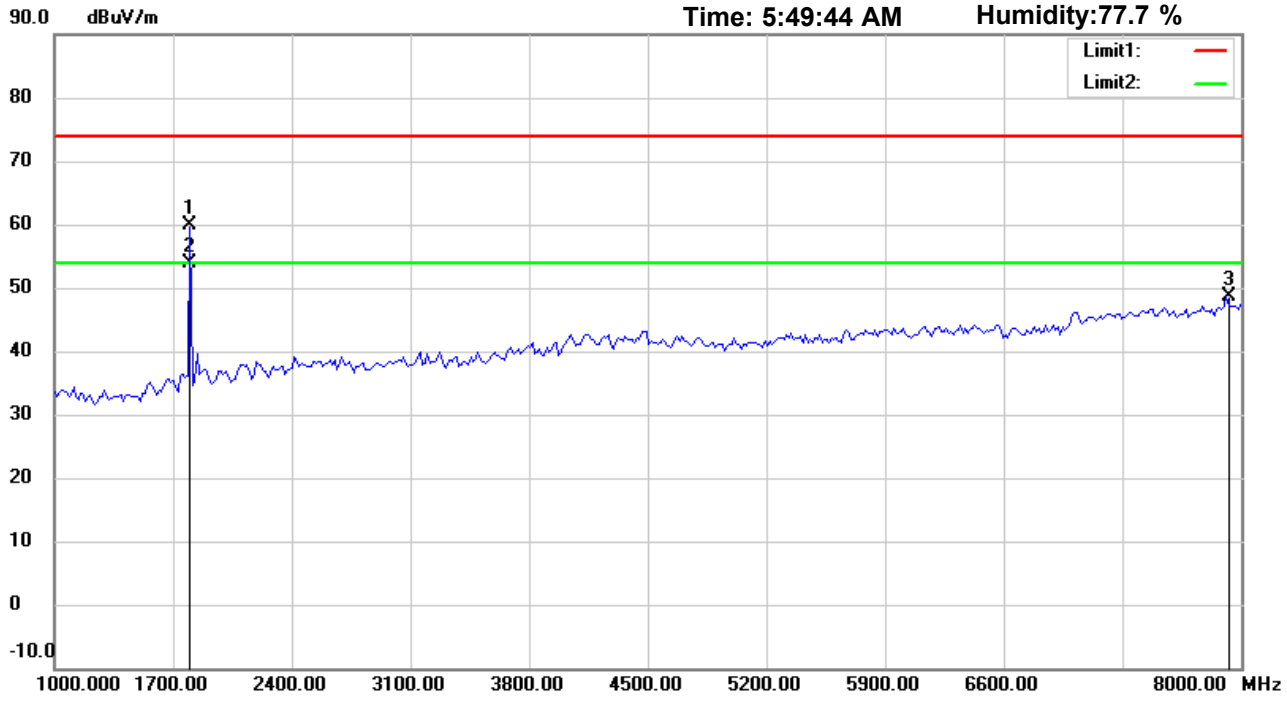
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 5:49:44 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	66.35	peak	-6.52	59.83	74.00	150	100	-14.17	
*	1799.599	60.31	AVG	-6.52	53.79	54.00	150	100	-0.21	
	7915.832	41.36	peak	7.16	48.52	74.00	150	210	-25.48	

*:Maximum data x:Over limit !:over margin

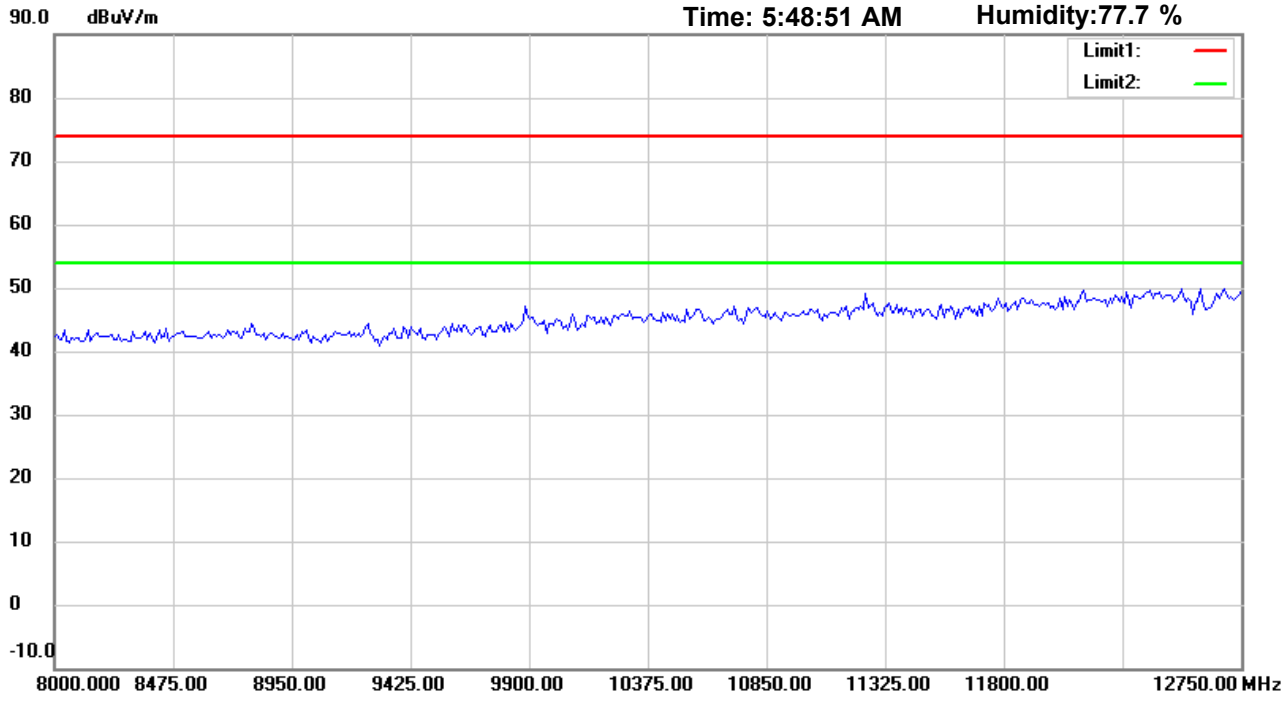
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 5:48:51 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

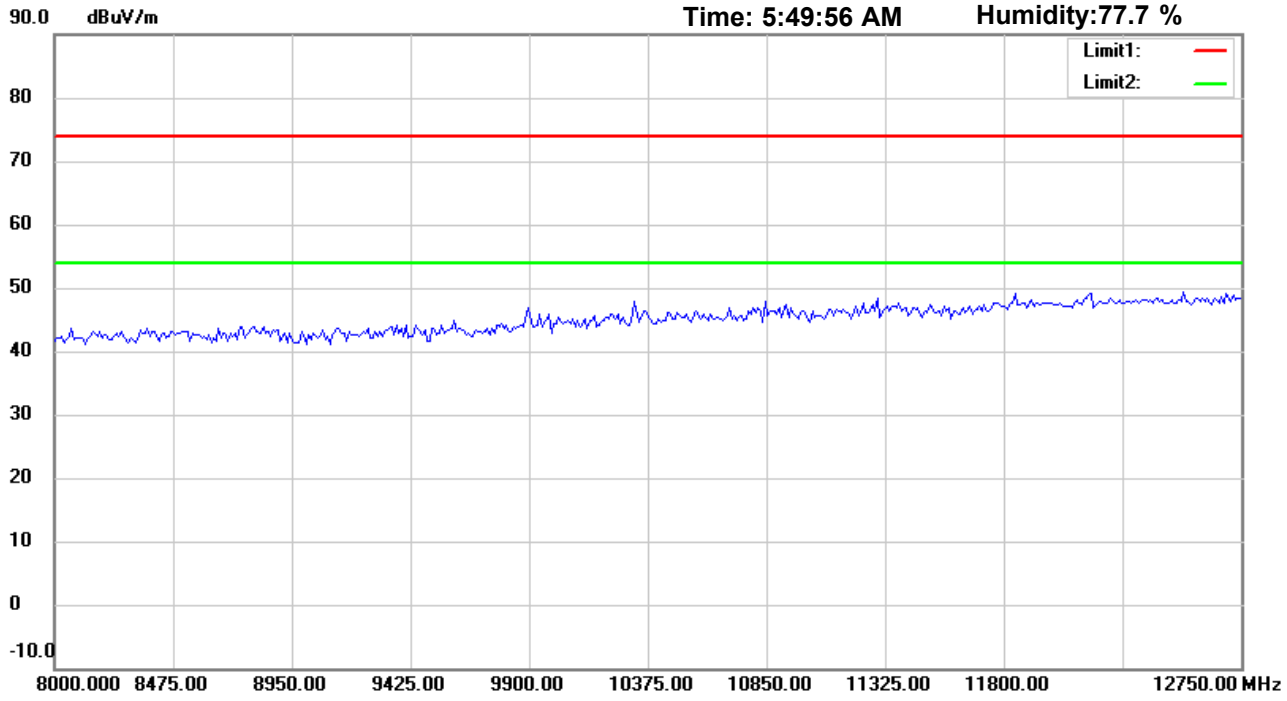
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 5:49:56 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

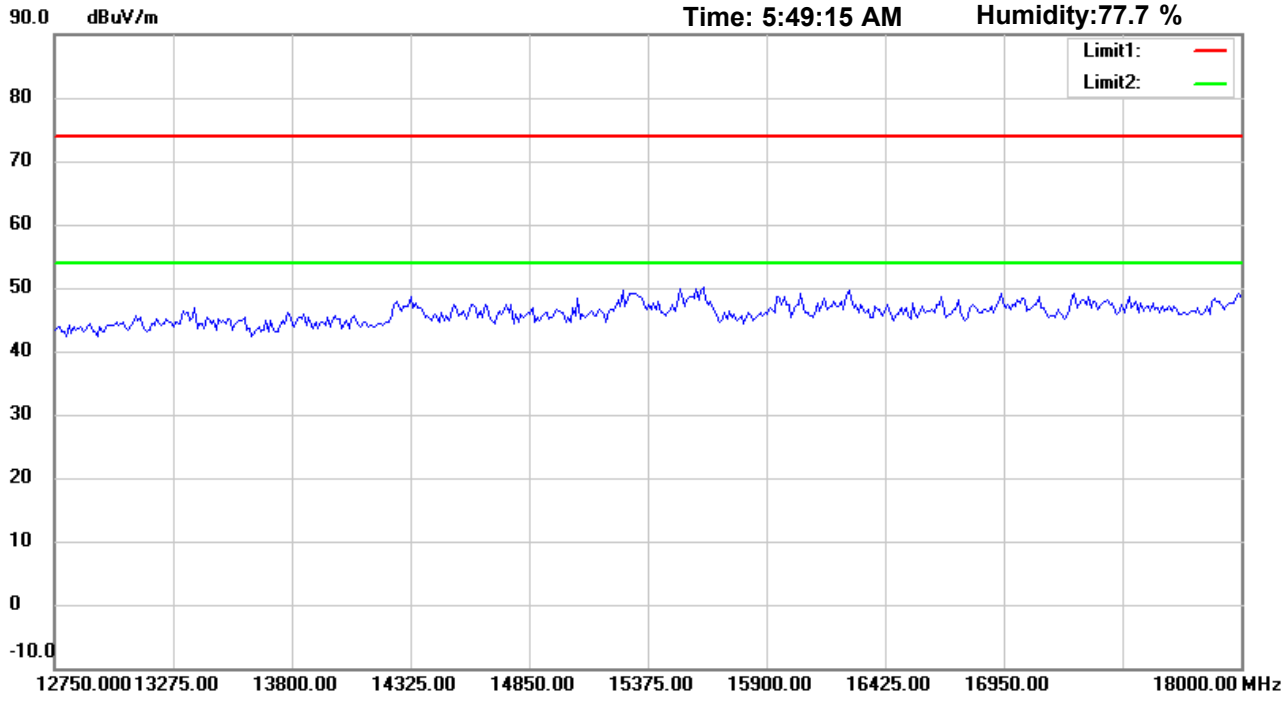
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 5:49:15 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

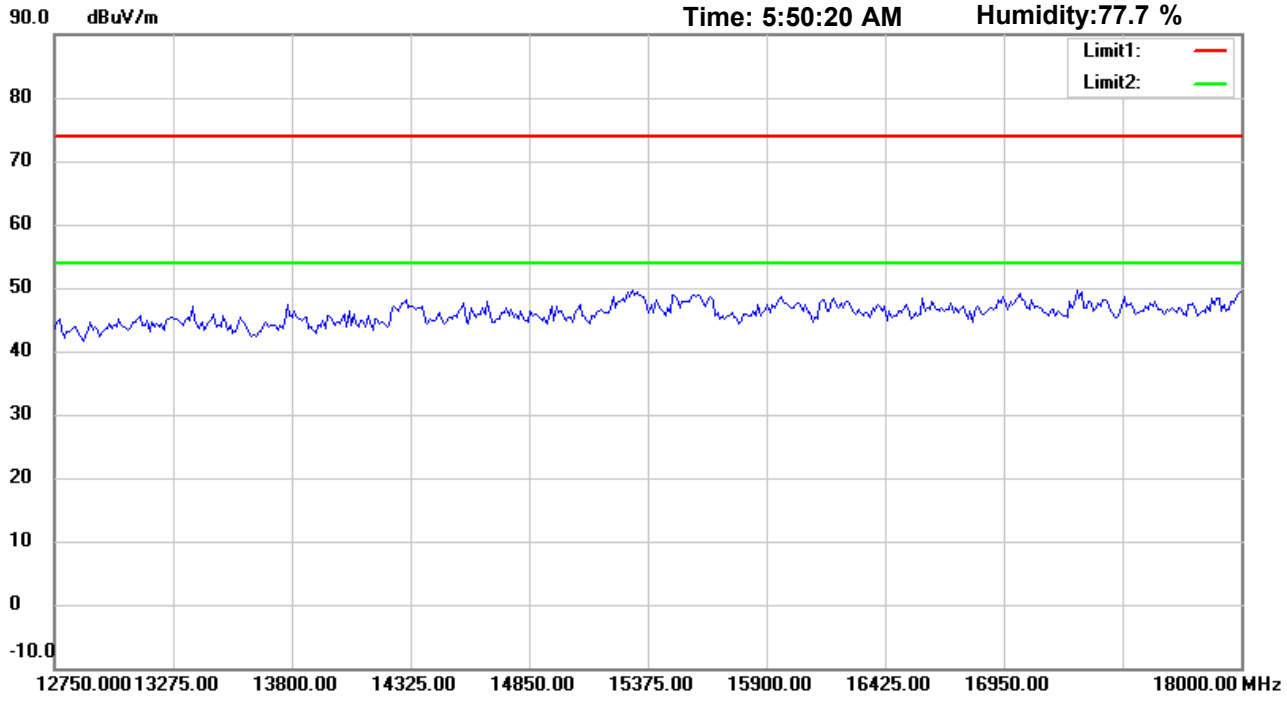
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 5:50:20 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

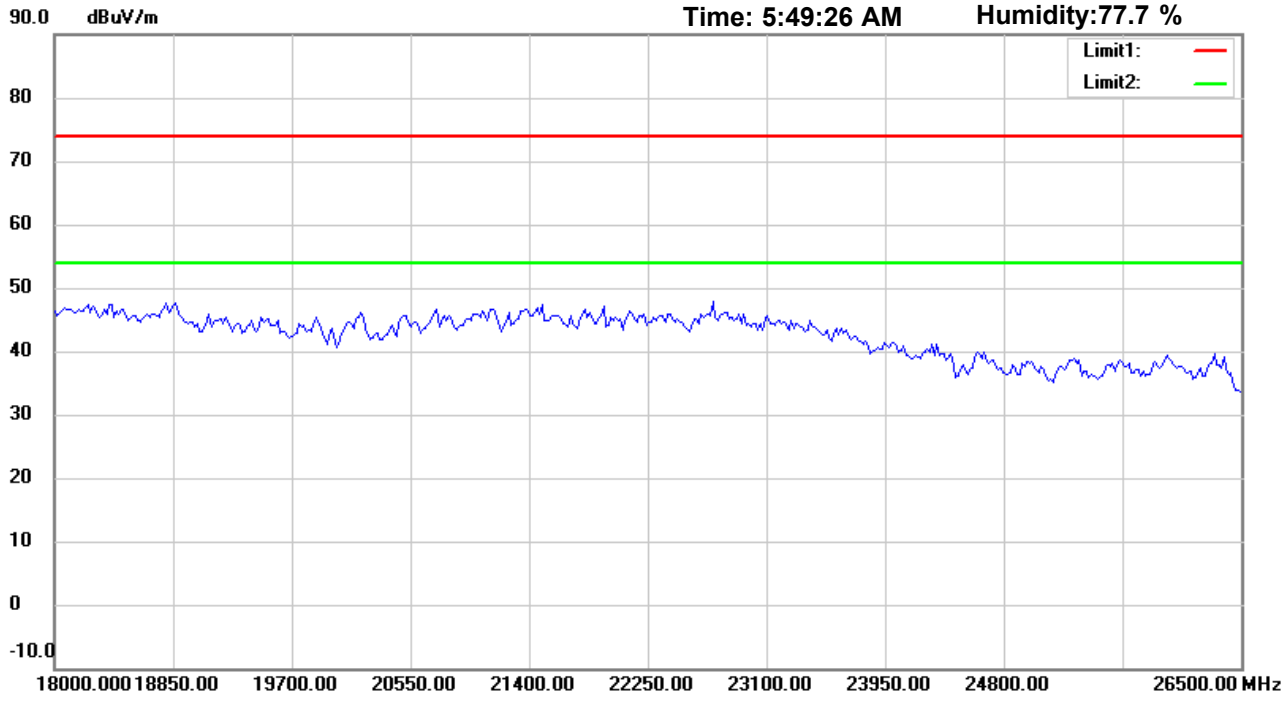
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 5:49:26 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11a CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

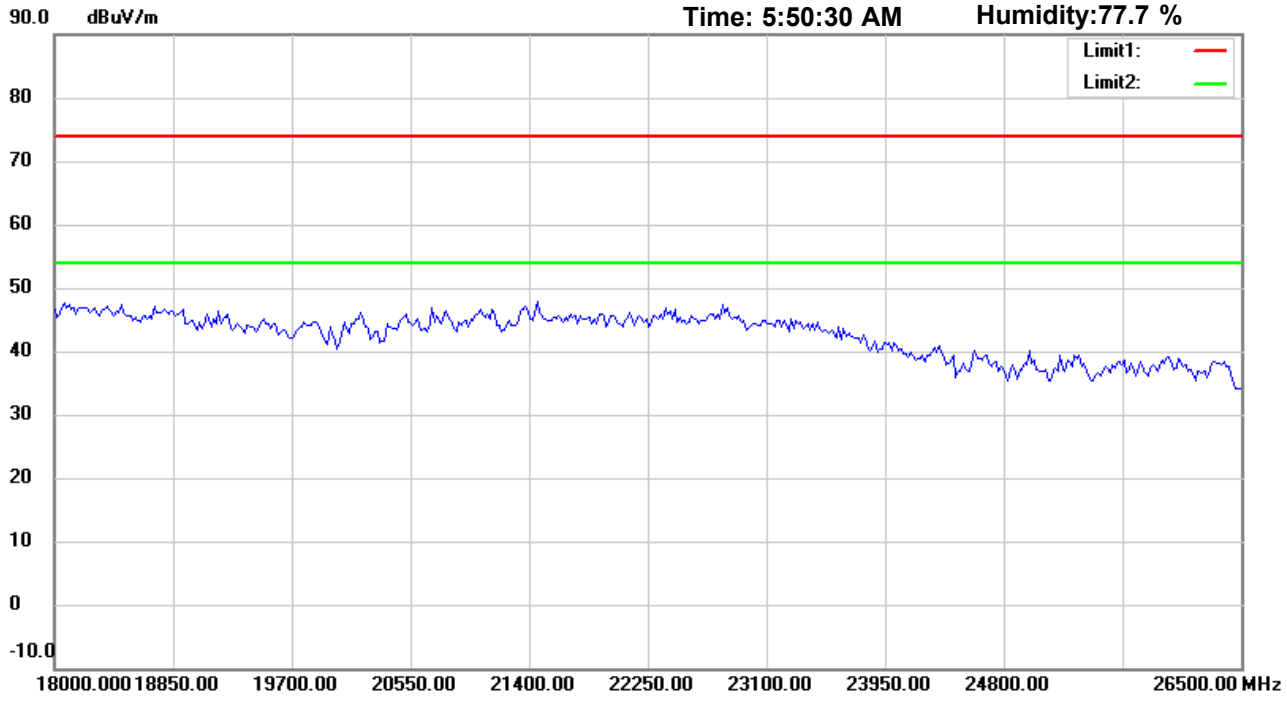
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 5:50:30 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

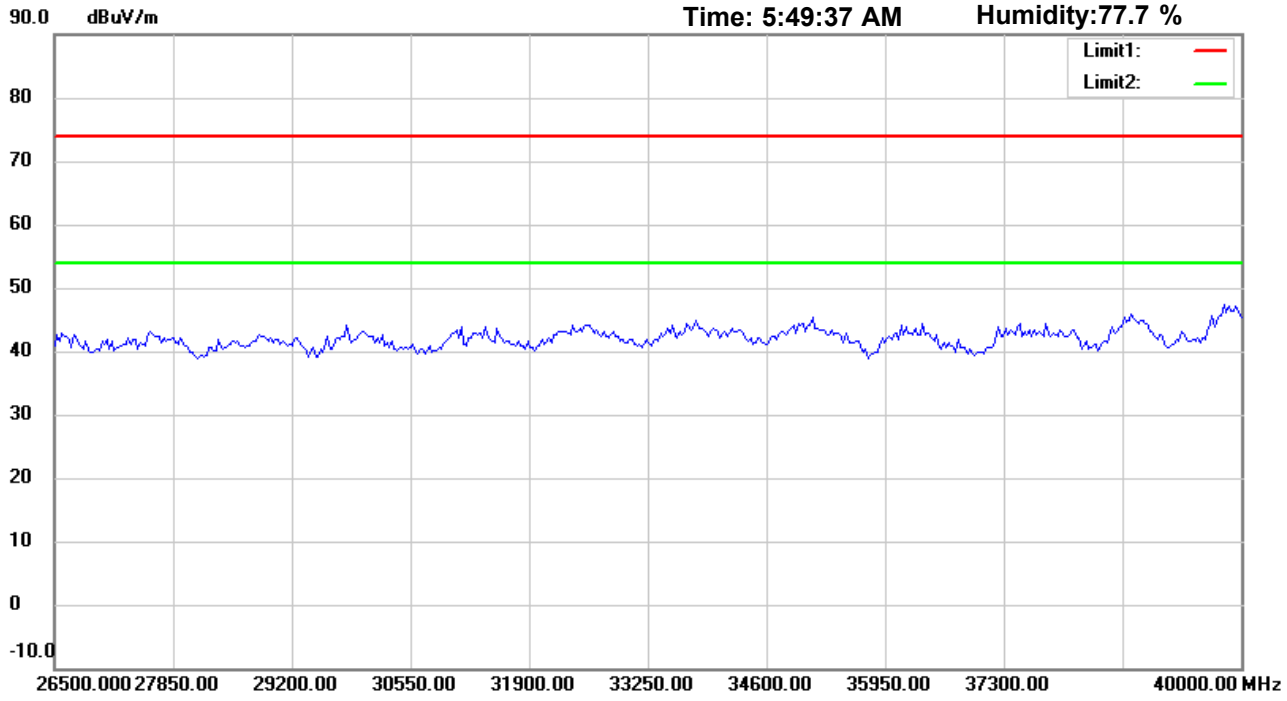
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 5:49:37 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

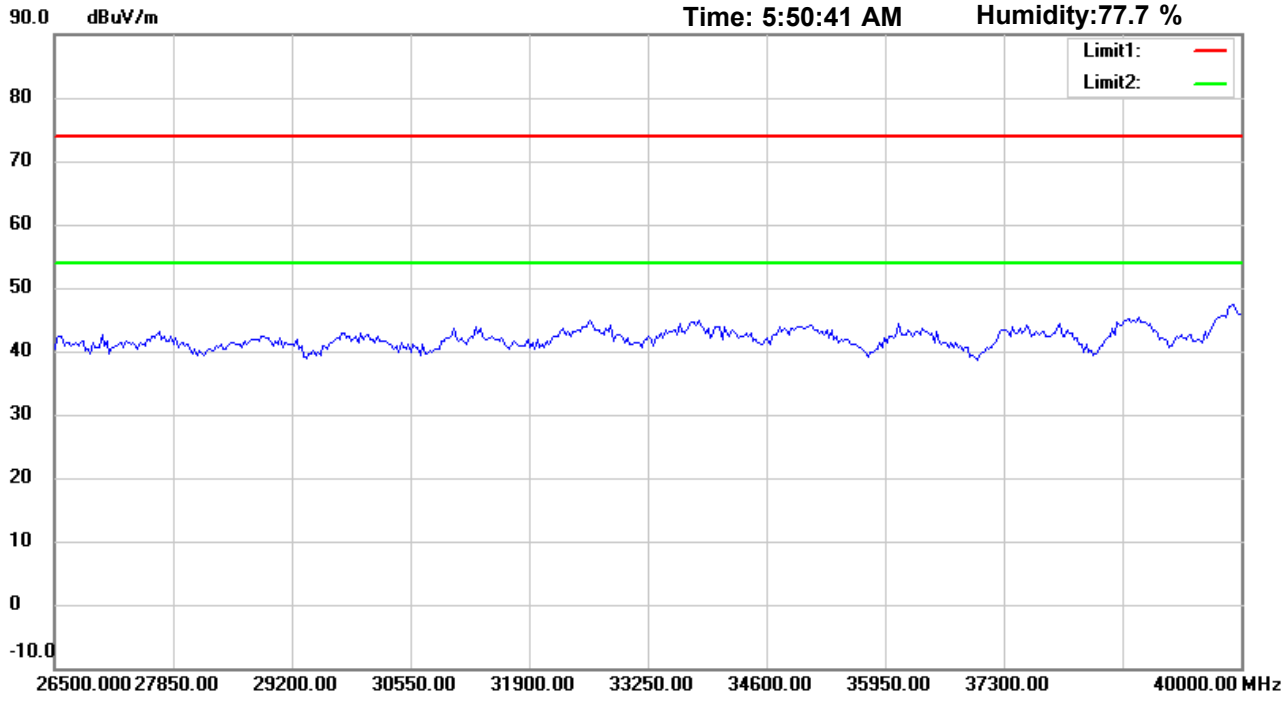
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 5:50:41 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11a CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

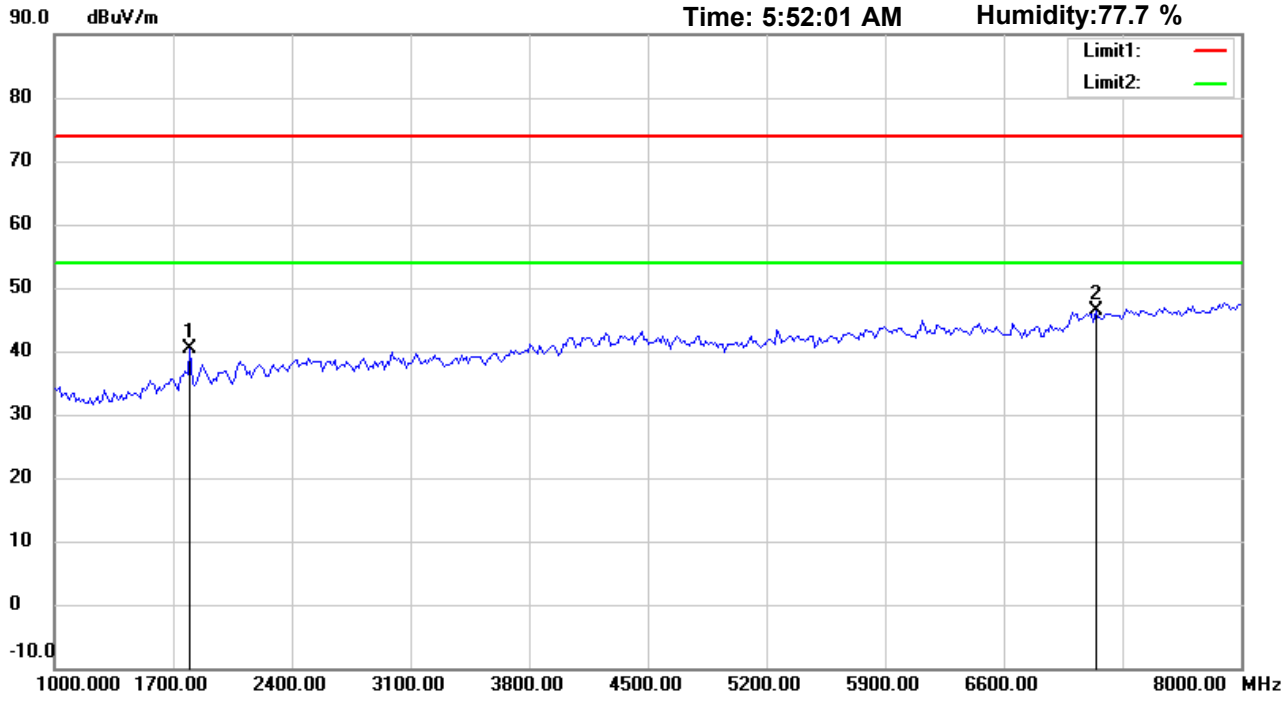
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 5:52:01 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	46.80	peak	-6.52	40.28	74.00	150	85	-33.72	
*	7144.288	41.06	peak	5.31	46.37	74.00	150	155	-27.63	

*:Maximum data x:Over limit !:over margin

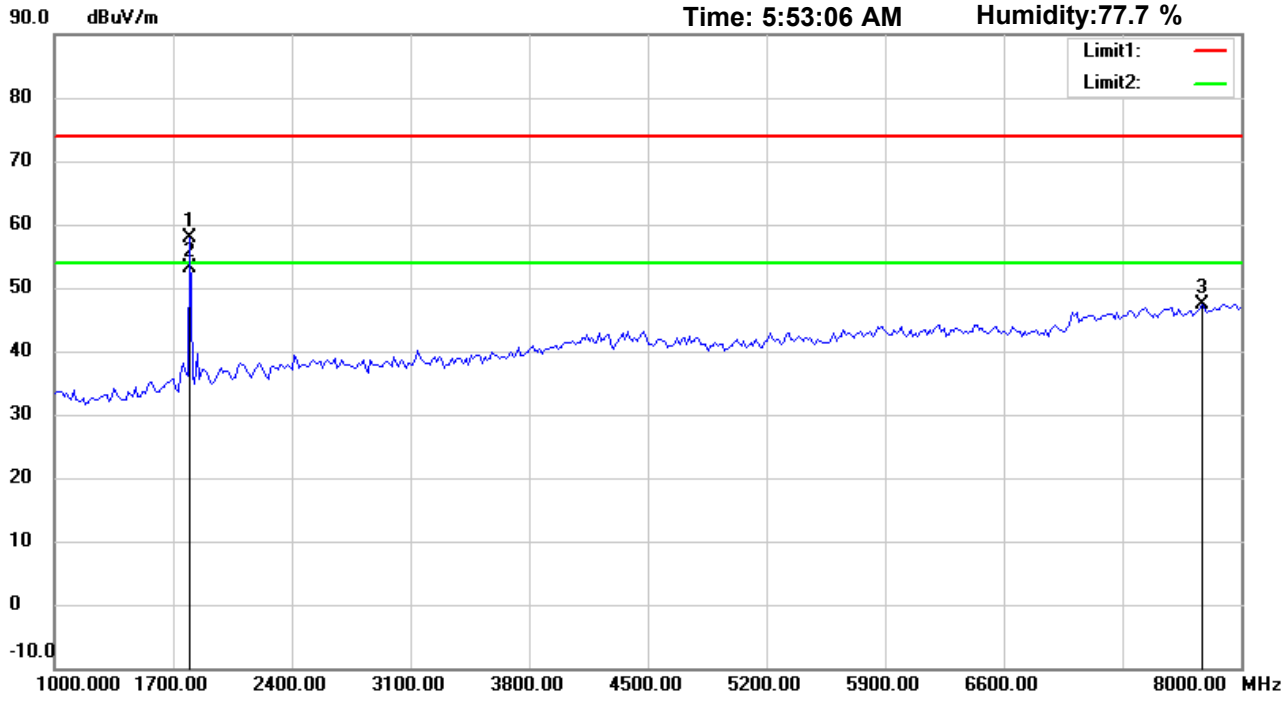
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 5:53:06 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH36

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.47	peak	-6.52	57.95	74.00	160	305	-16.05	
*	1799.599	59.64	AVG	-6.52	53.12	54.00	160	305	-0.88	
	7775.551	41.10	peak	6.29	47.39	74.00	150	10	-26.61	

*:Maximum data x:Over limit !:over margin

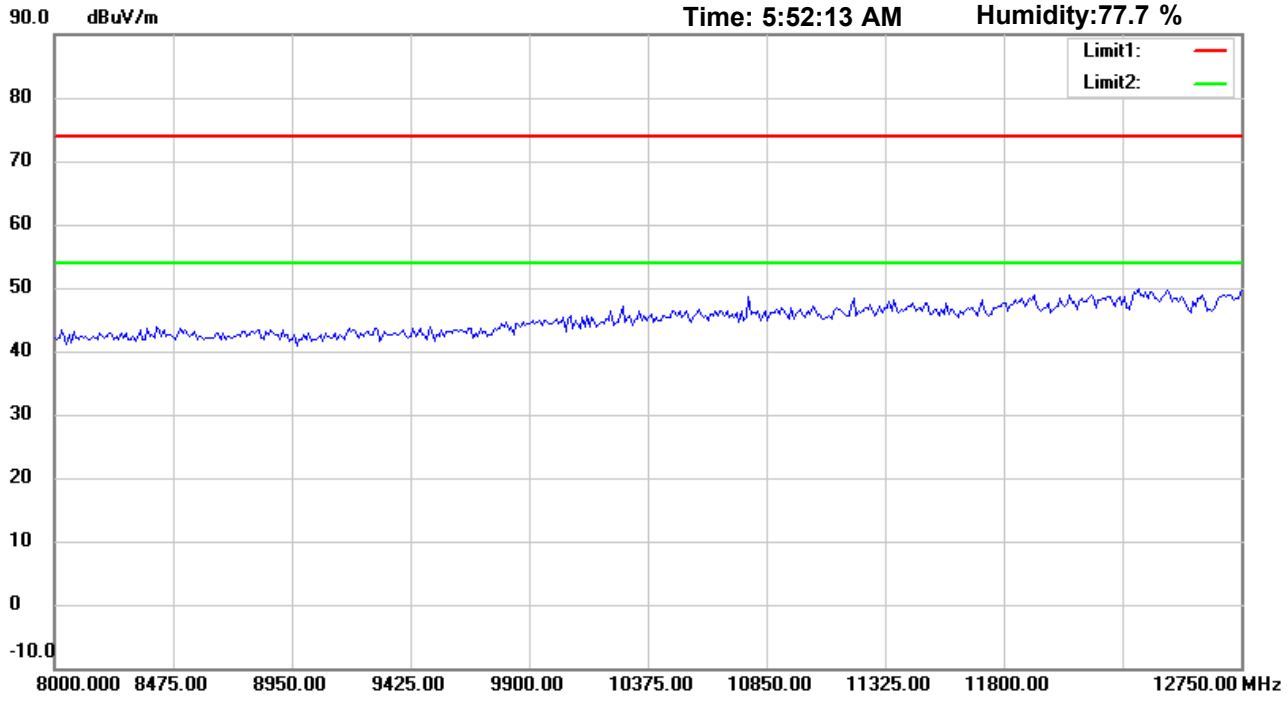
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 5:52:13 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH36

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

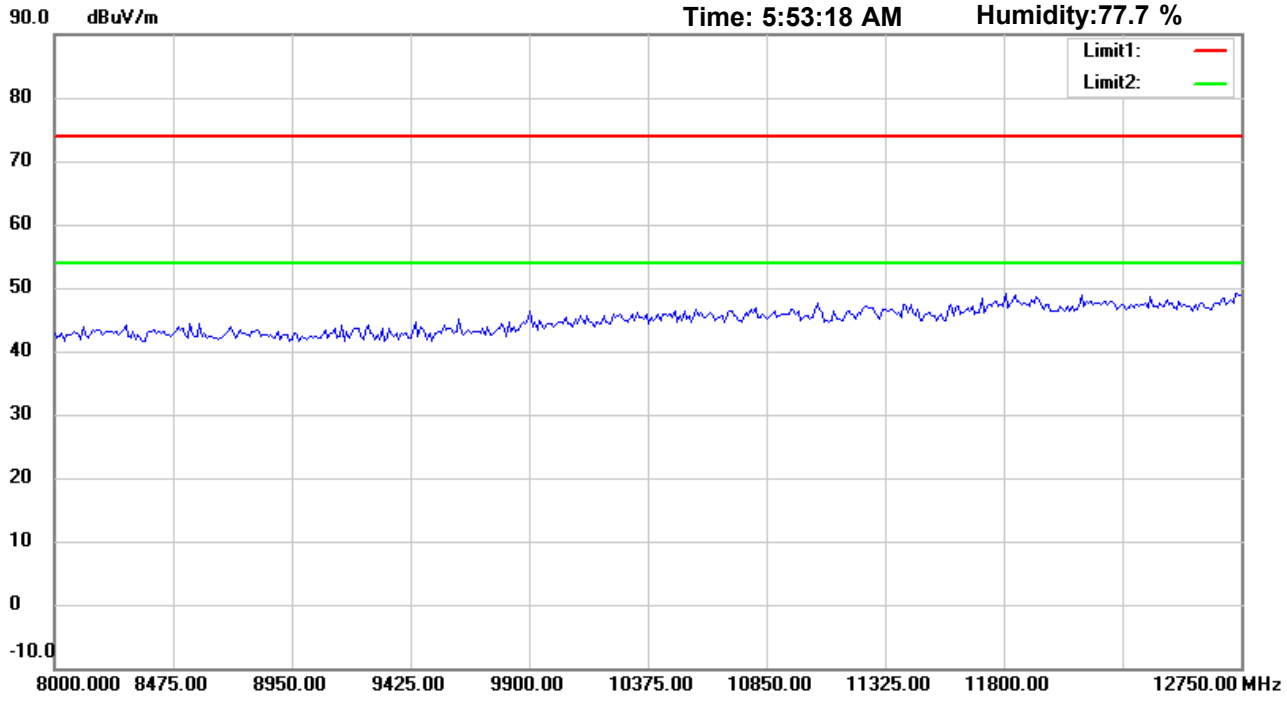
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 5:53:18 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH36

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

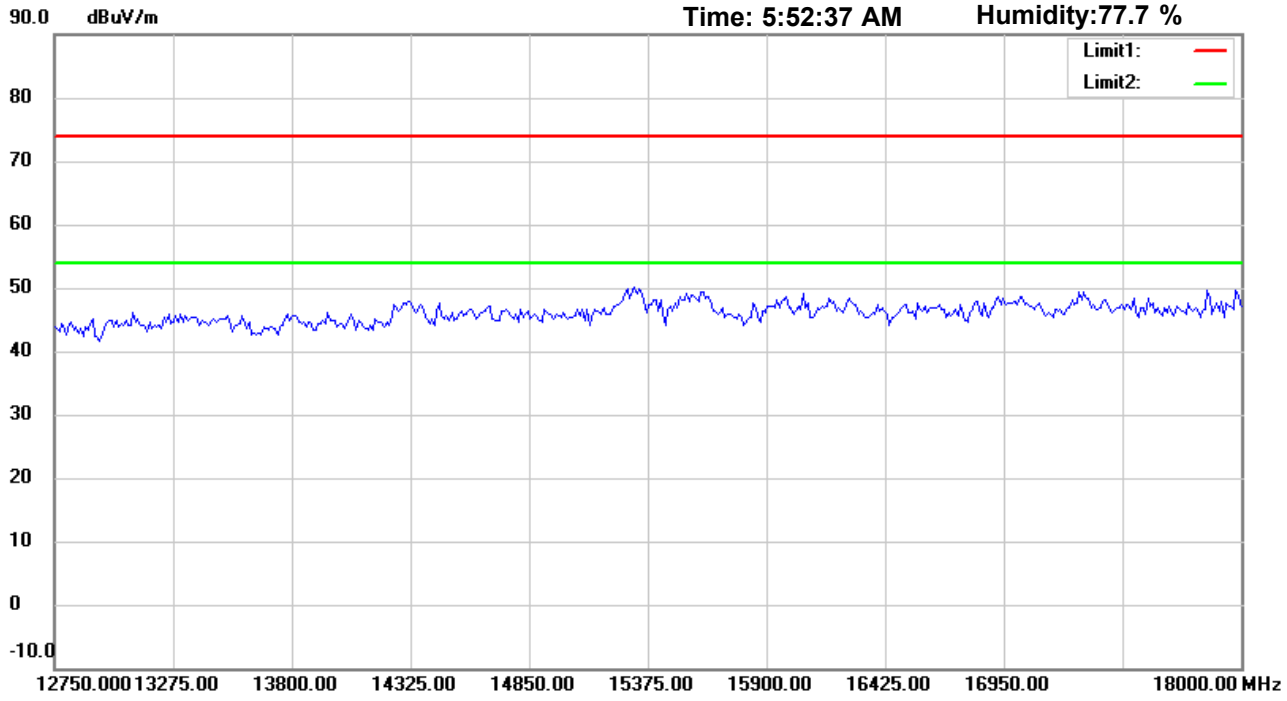
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 5:52:37 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH36

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

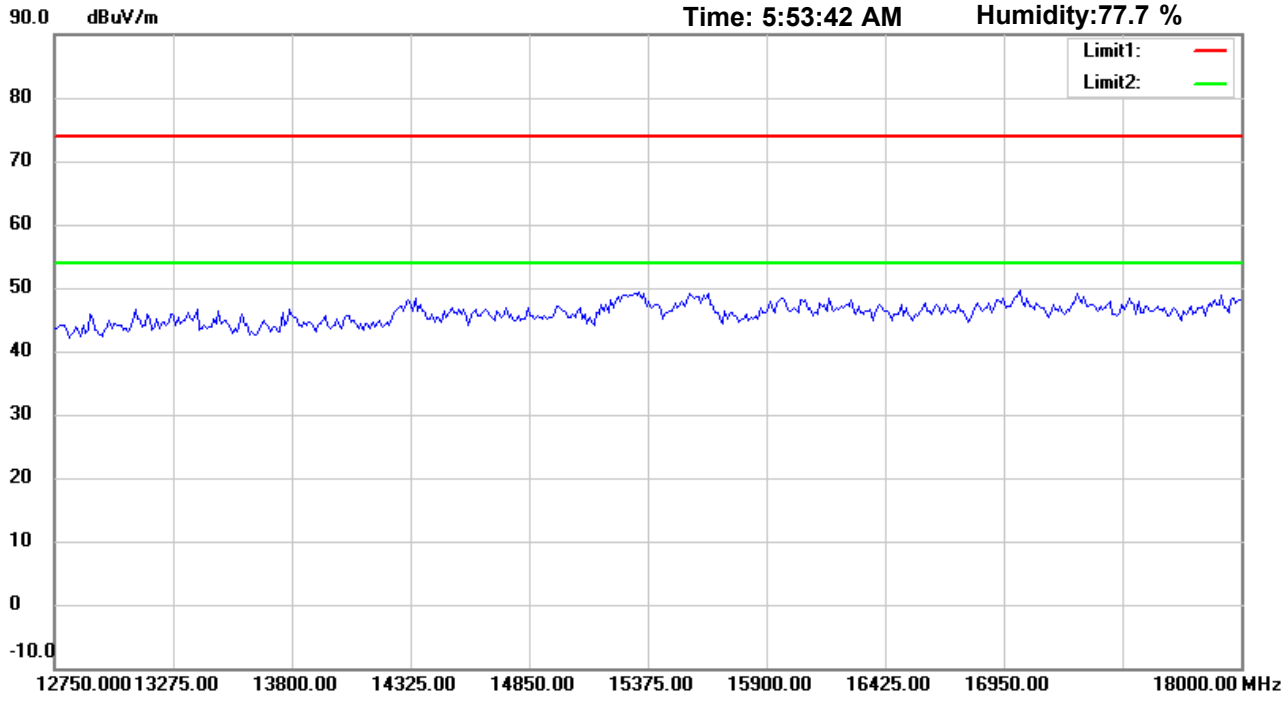
*:Maximum data x:Over limit !:over margin

Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 5:53:42 AM Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH36

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

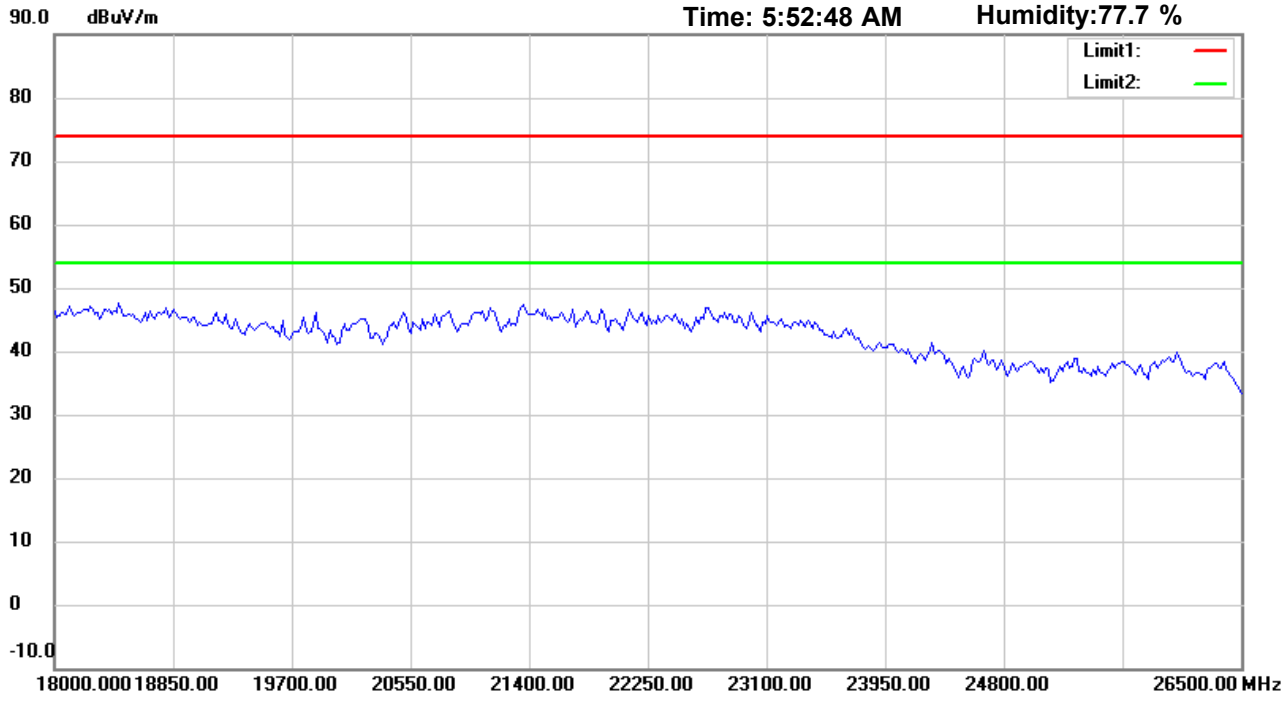
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 5:52:48 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

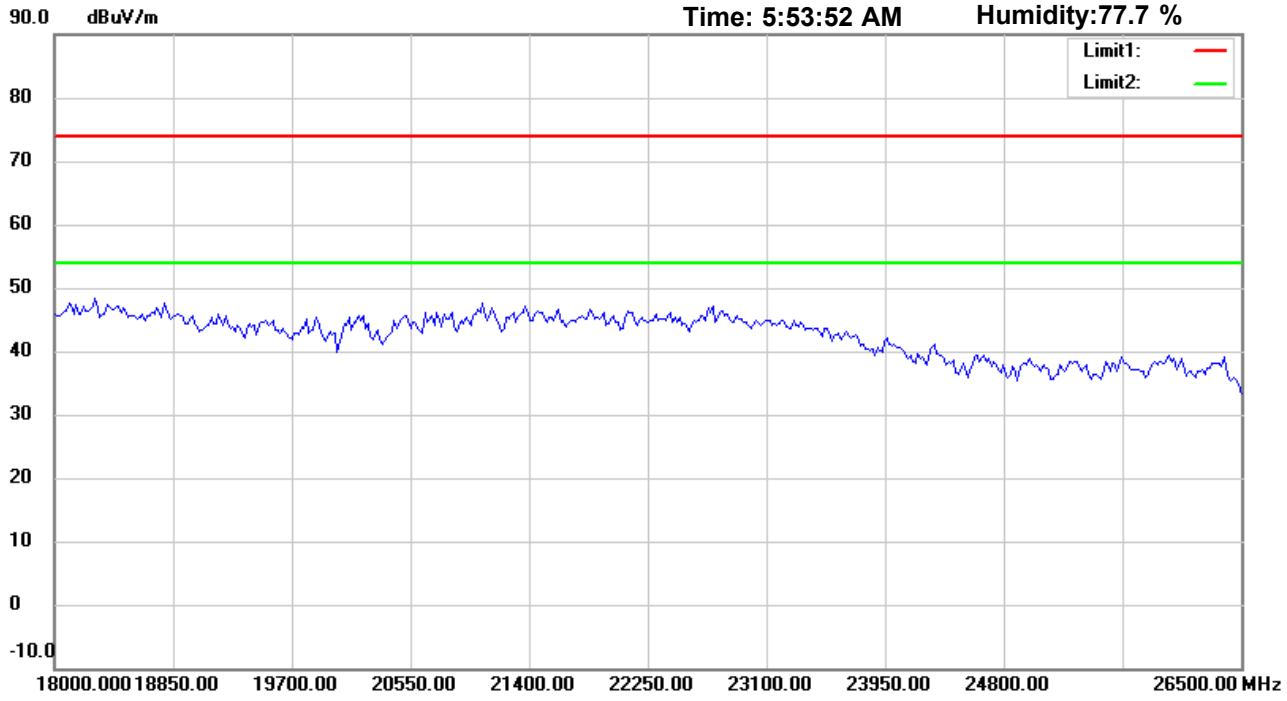
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 5:53:52 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH36

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

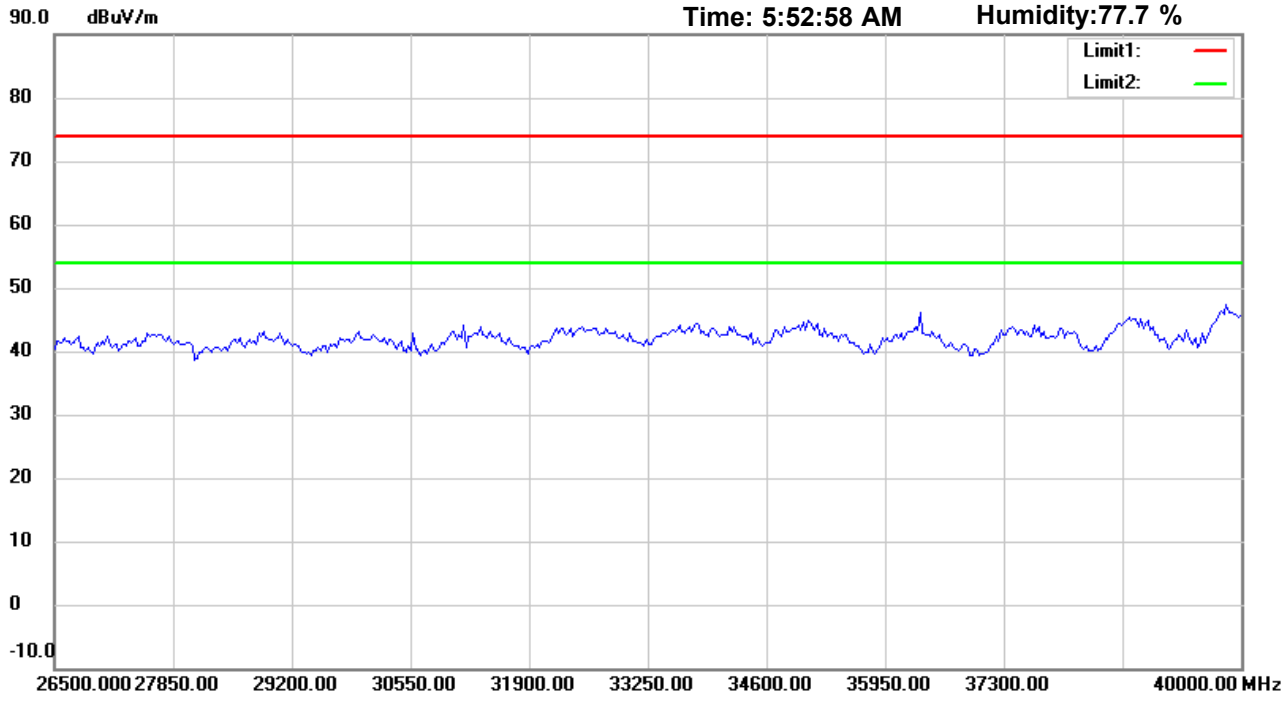
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 5:52:58 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH36

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

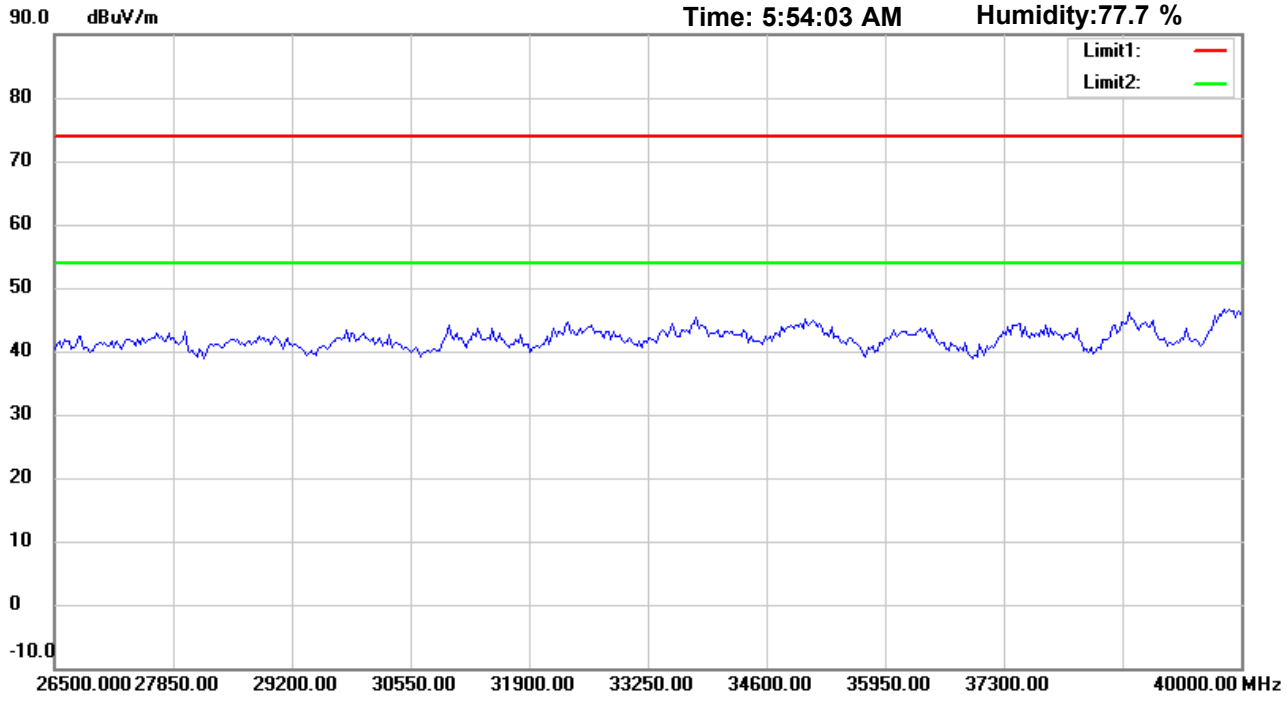
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 5:54:03 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH36

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

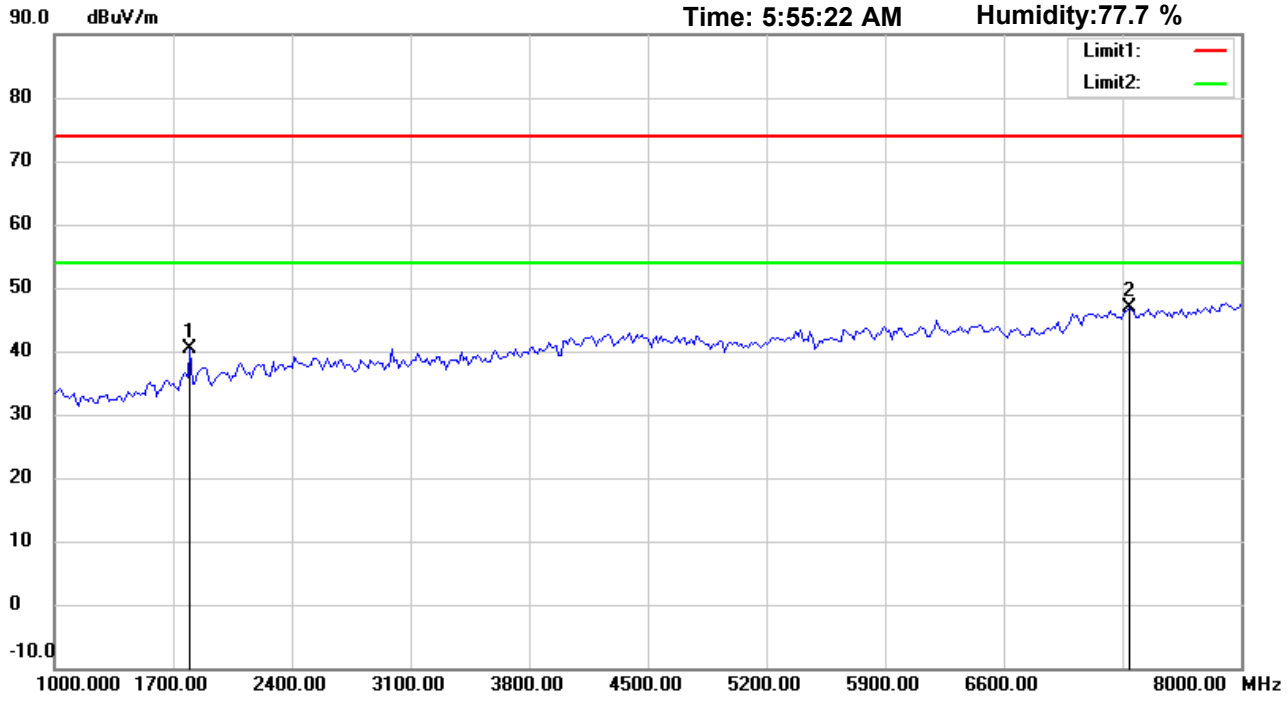
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 5:55:22 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	46.79	peak	-6.52	40.27	74.00	150	195	-33.73	
*	7340.681	41.23	peak	5.74	46.97	74.00	150	200	-27.03	

*:Maximum data x:Over limit !:over margin

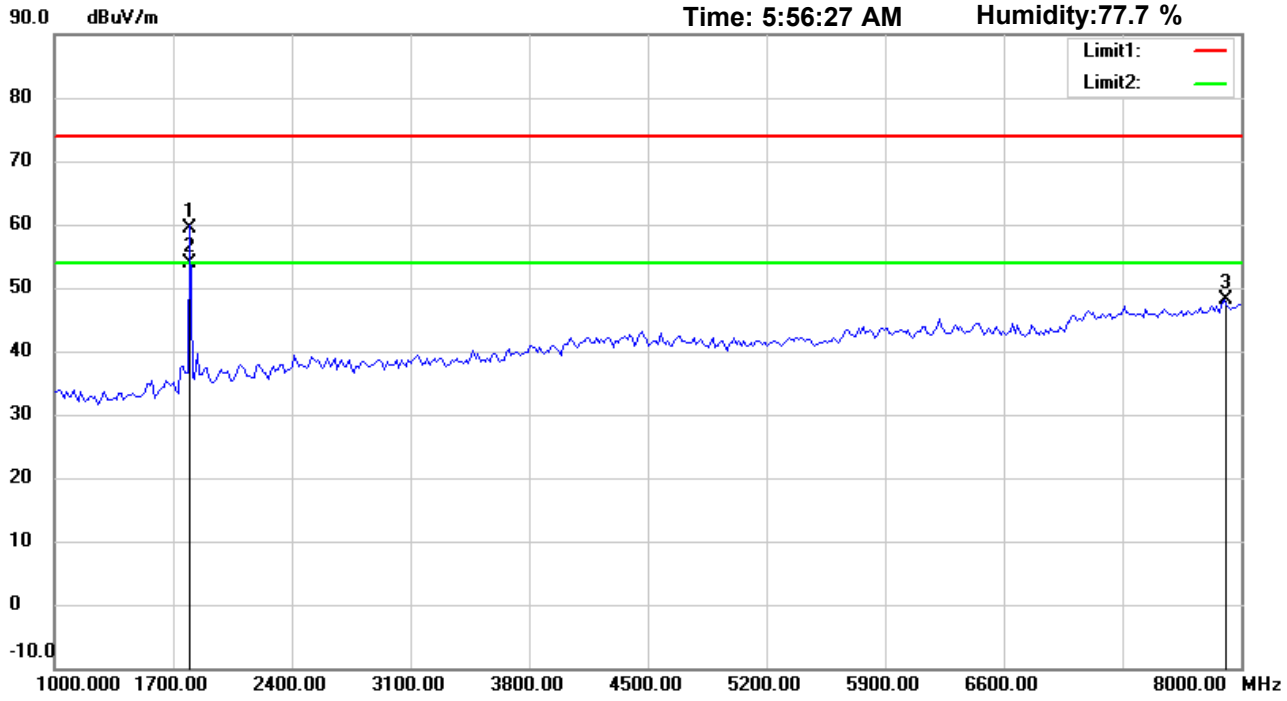
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 5:56:27 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH40

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	65.81	peak	-6.52	59.29	74.00	155	100	-14.71	
*	1799.599	60.40	AVG	-6.52	53.88	54.00	155	100	-0.12	
	7901.804	40.96	peak	7.19	48.15	74.00	150	60	-25.85	

*:Maximum data x:Over limit !:over margin

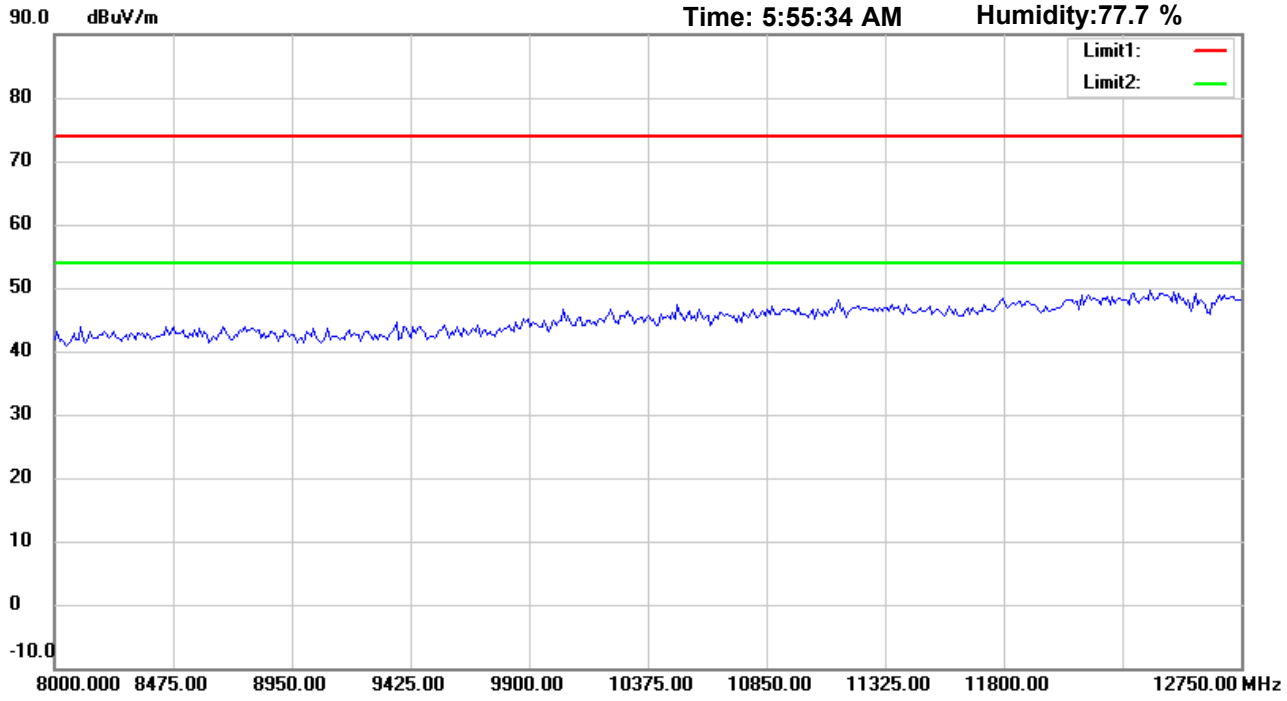
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 5:55:34 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH40

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

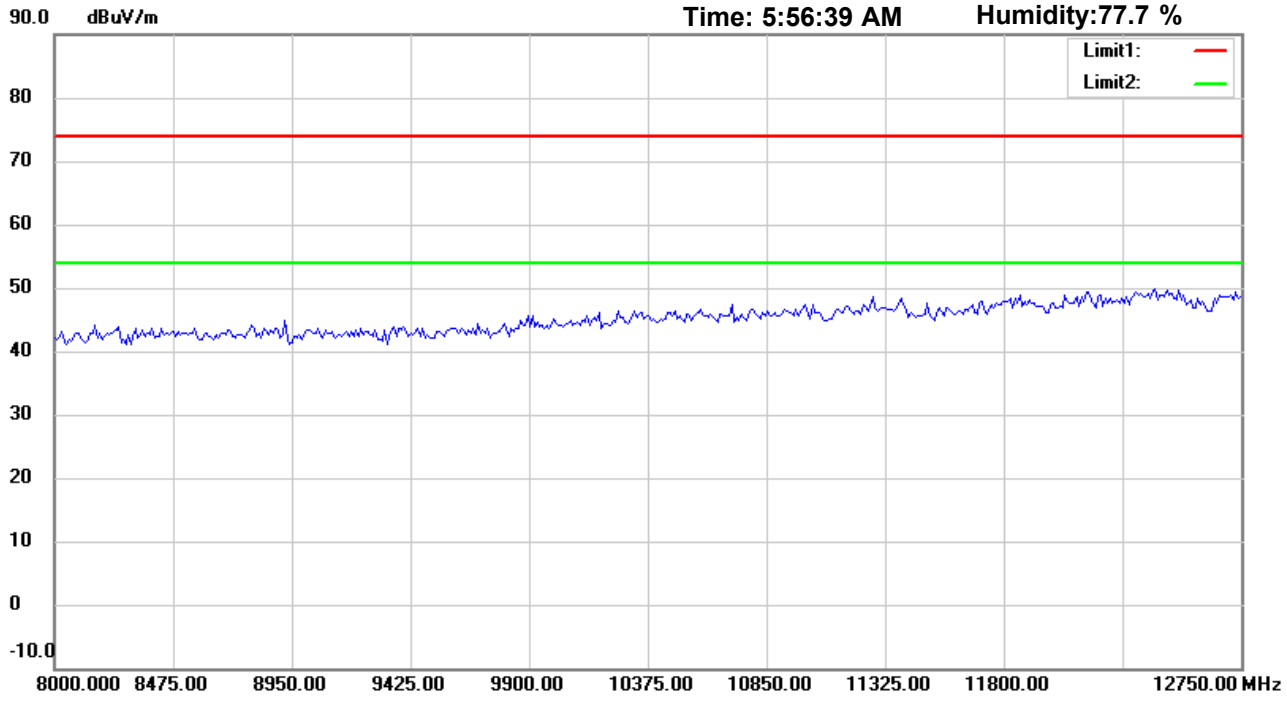
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 5:56:39 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH40

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

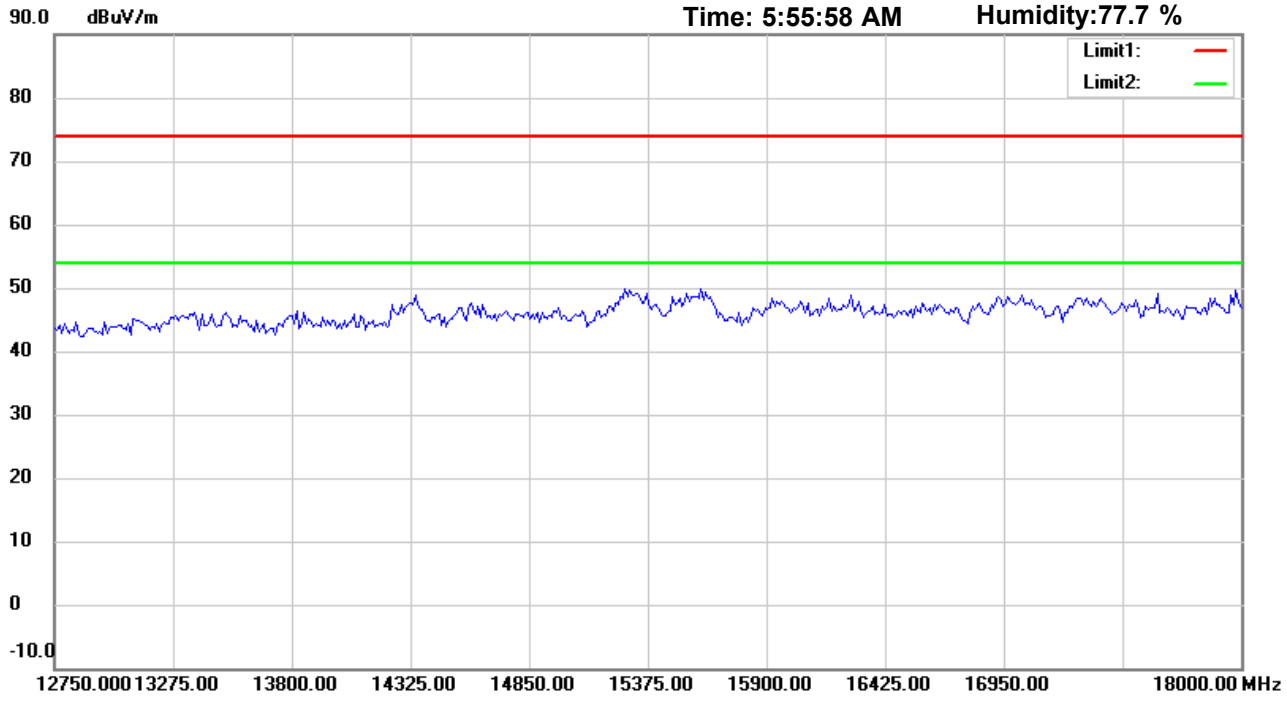
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 5:55:58 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH40

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

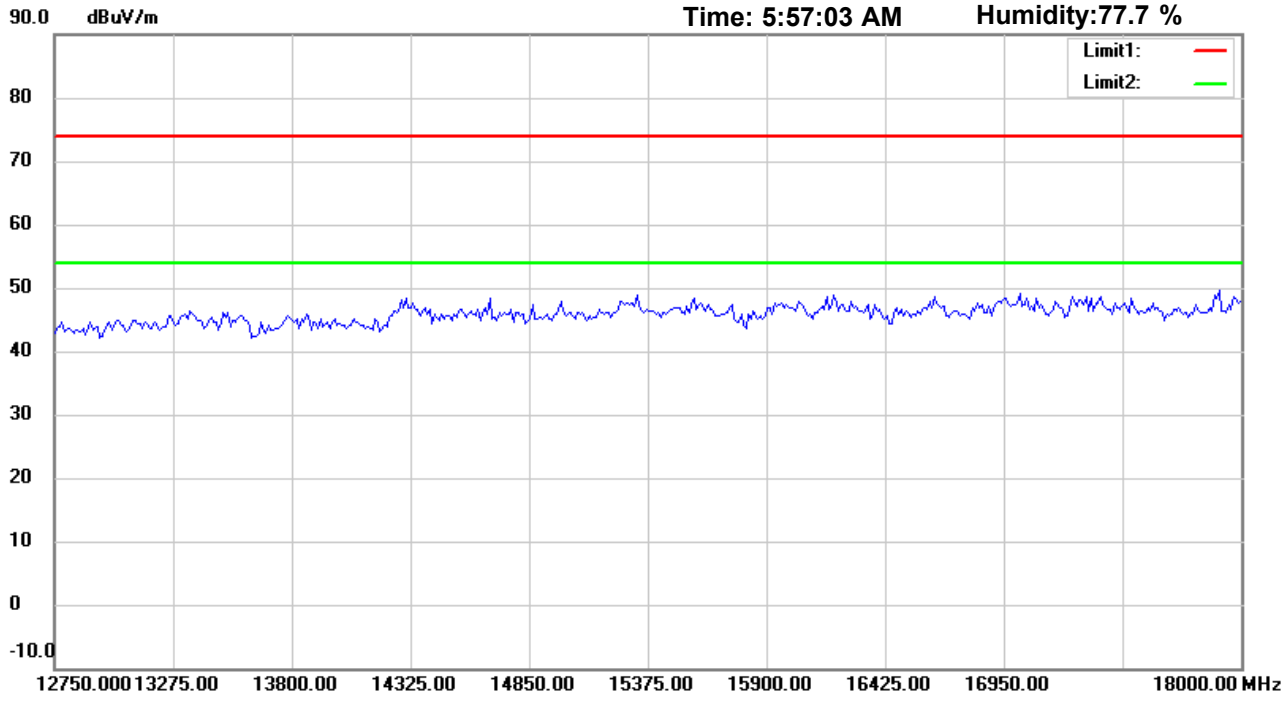
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 5:57:03 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH40

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

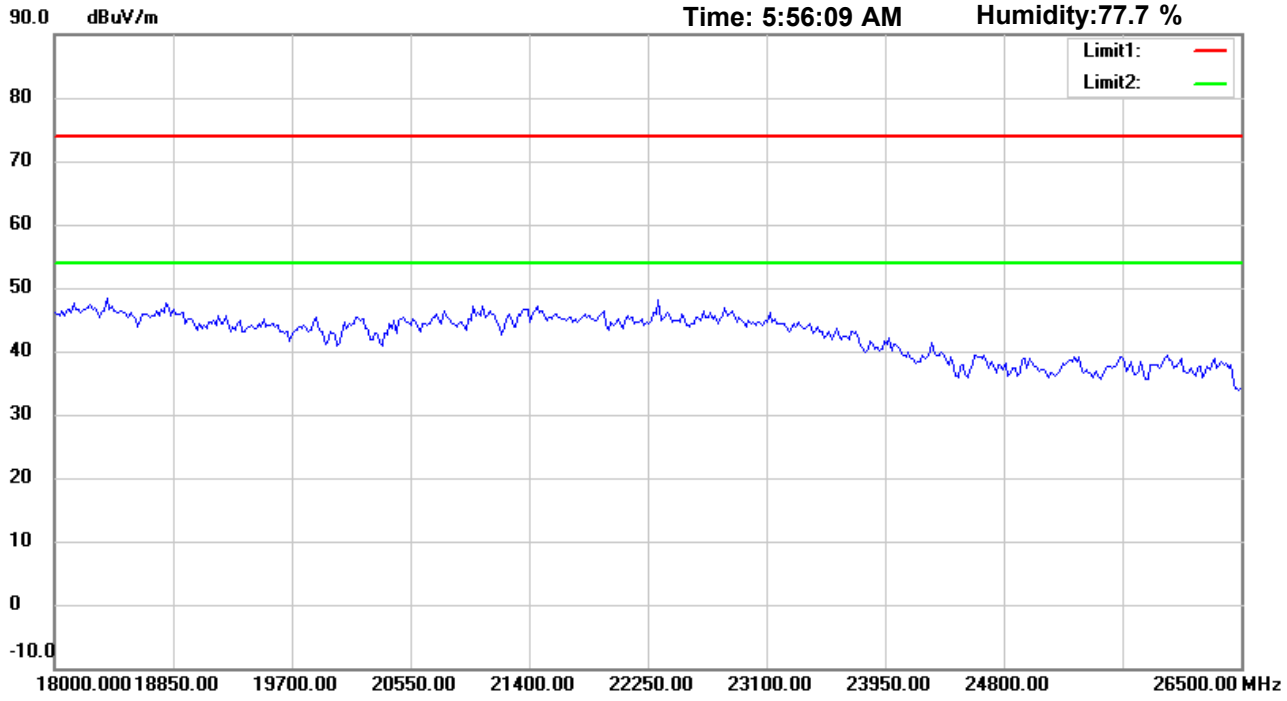
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 5:56:09 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH40

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

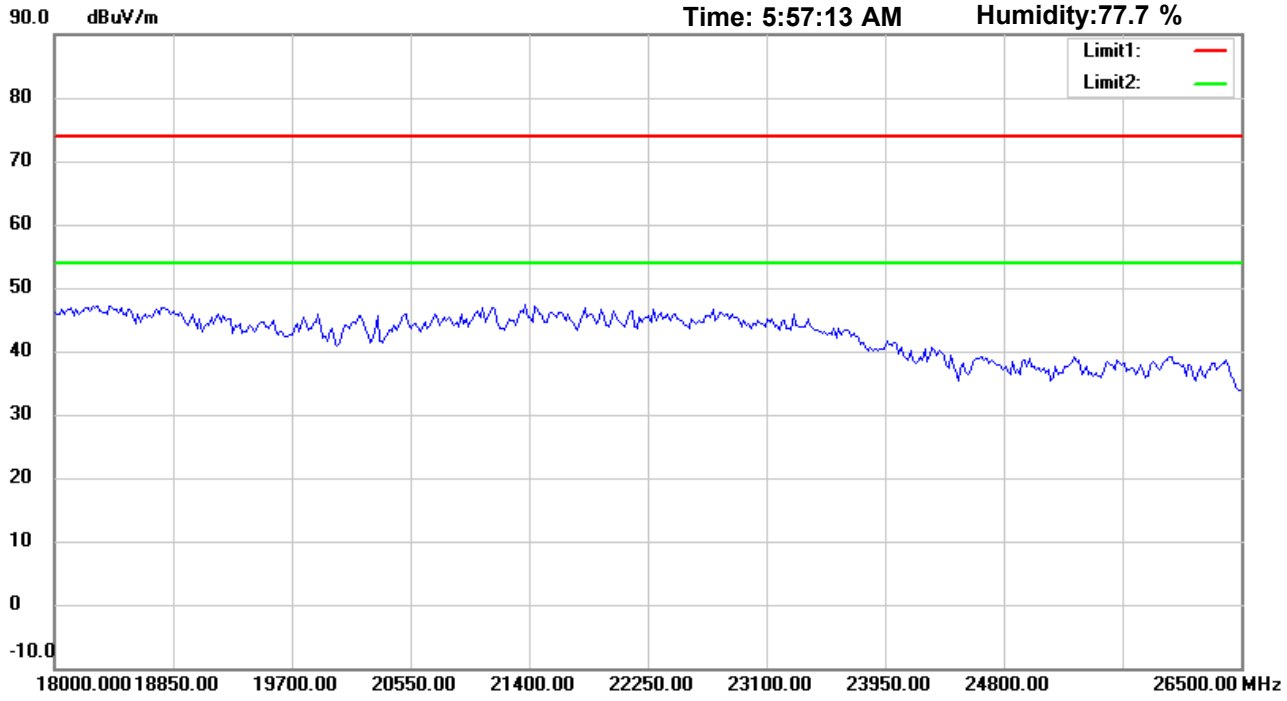
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 5:57:13 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH40

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

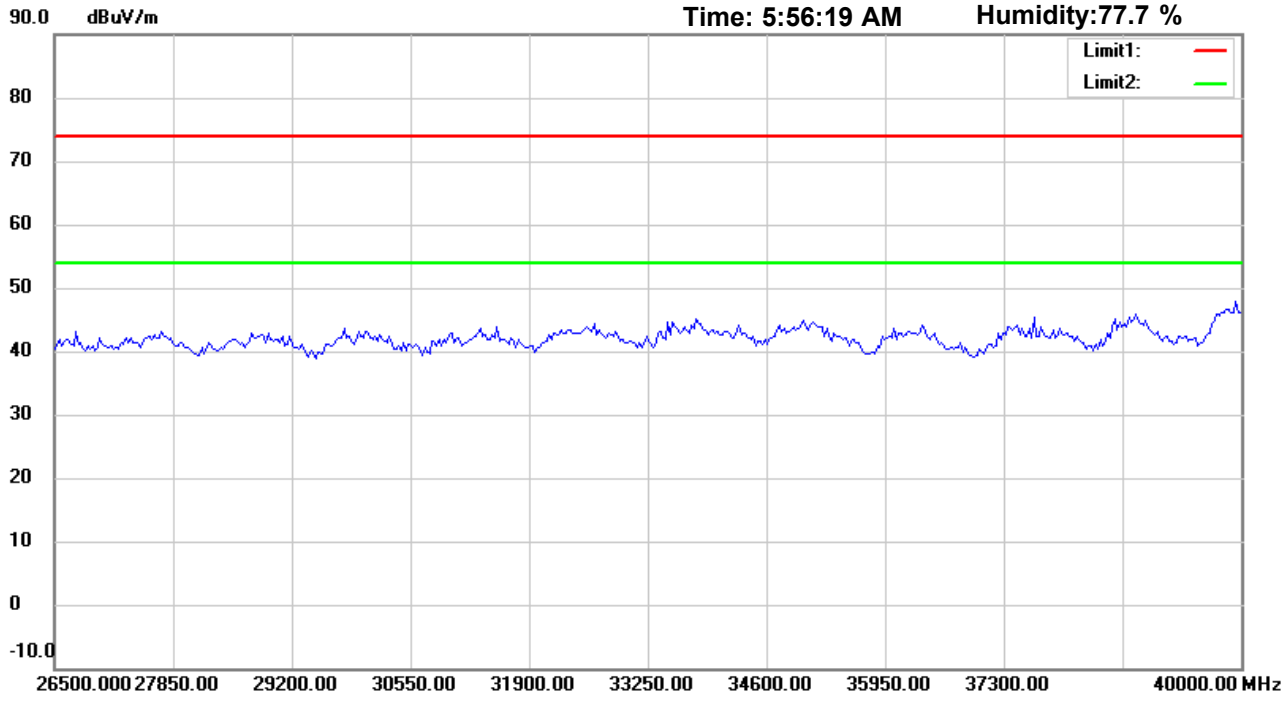
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 5:56:19 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH40

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

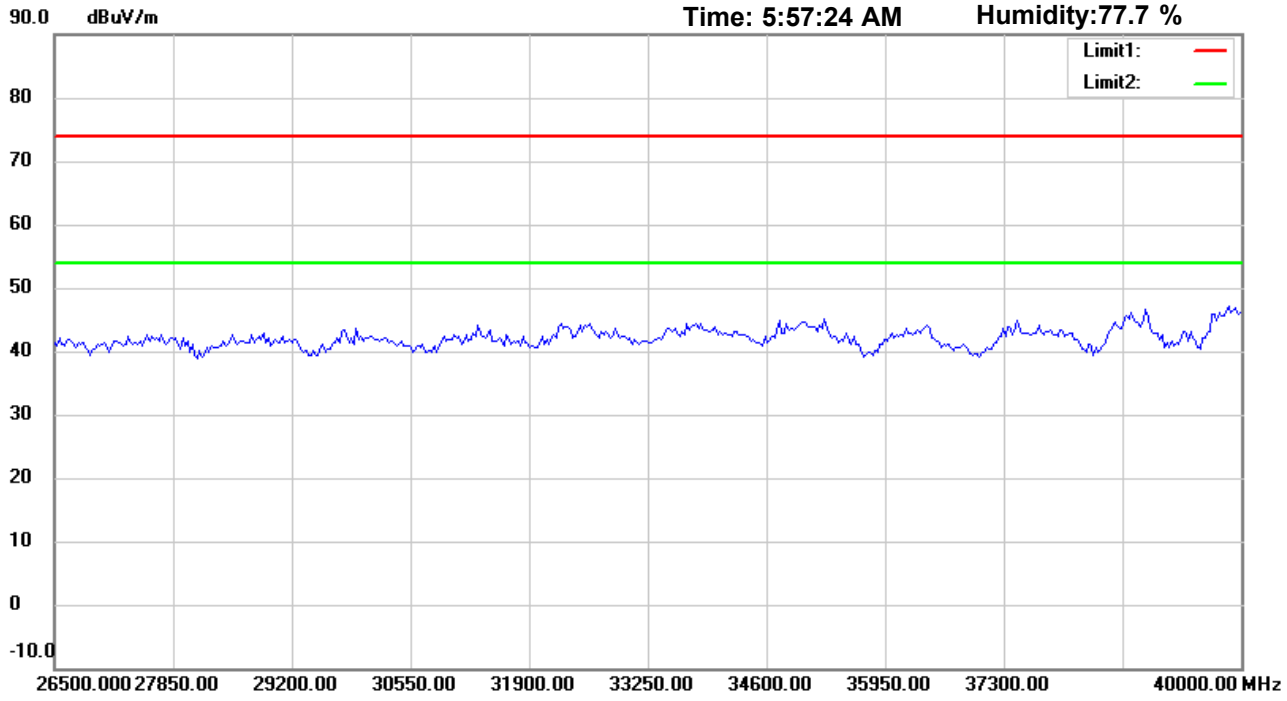
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 5:57:24 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH40

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

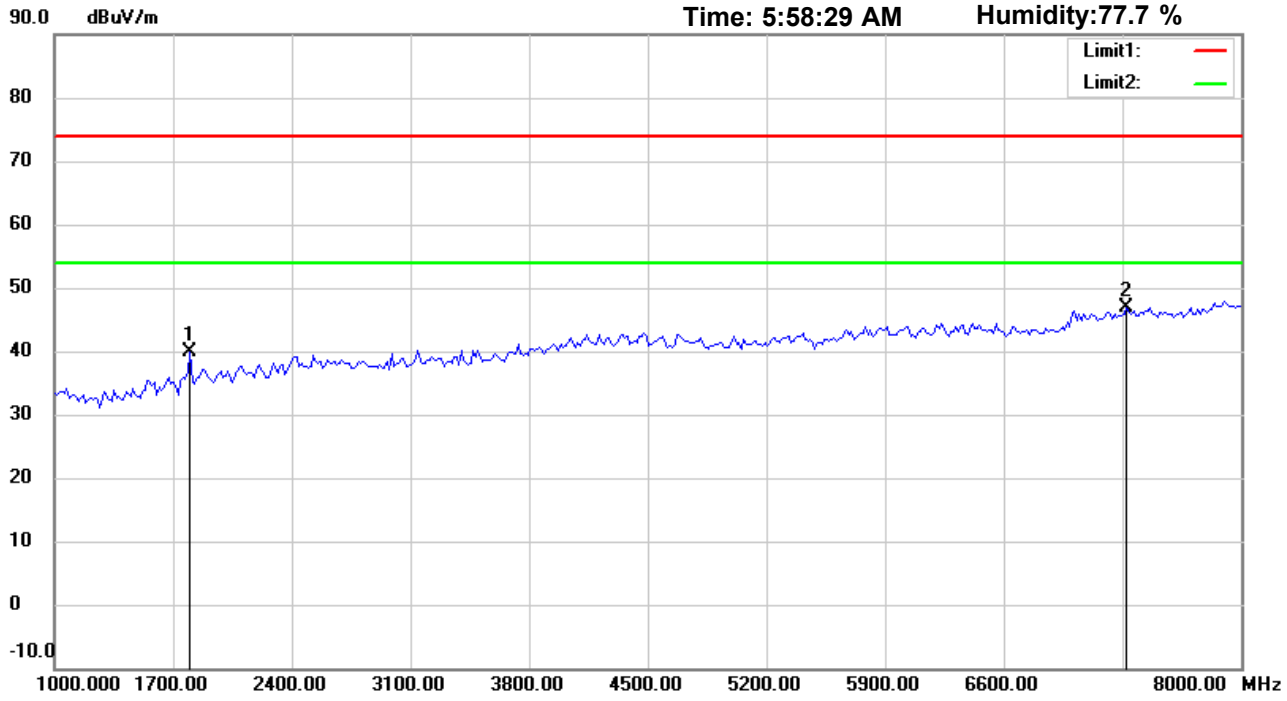
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 5:58:29 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	46.39	peak	-6.52	39.87	74.00	150	315	-34.13	
*	7326.653	41.29	peak	5.66	46.95	74.00	150	50	-27.05	

*:Maximum data x:Over limit !:over margin

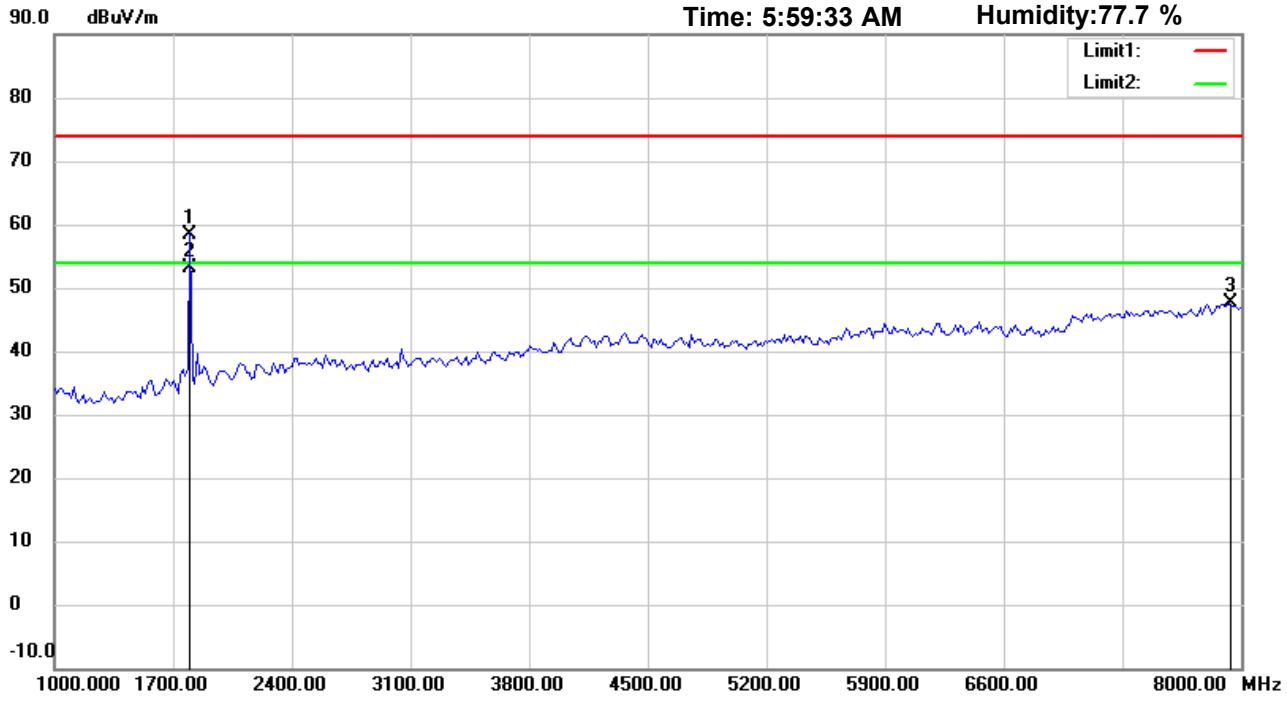
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 5:59:33 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	64.87	peak	-6.52	58.35	74.00	150	110	-15.65	
*	1799.599	59.75	AVG	-6.52	53.23	54.00	150	110	-0.77	
	7929.860	40.63	peak	7.12	47.75	74.00	150	360	-26.25	

*:Maximum data x:Over limit !:over margin

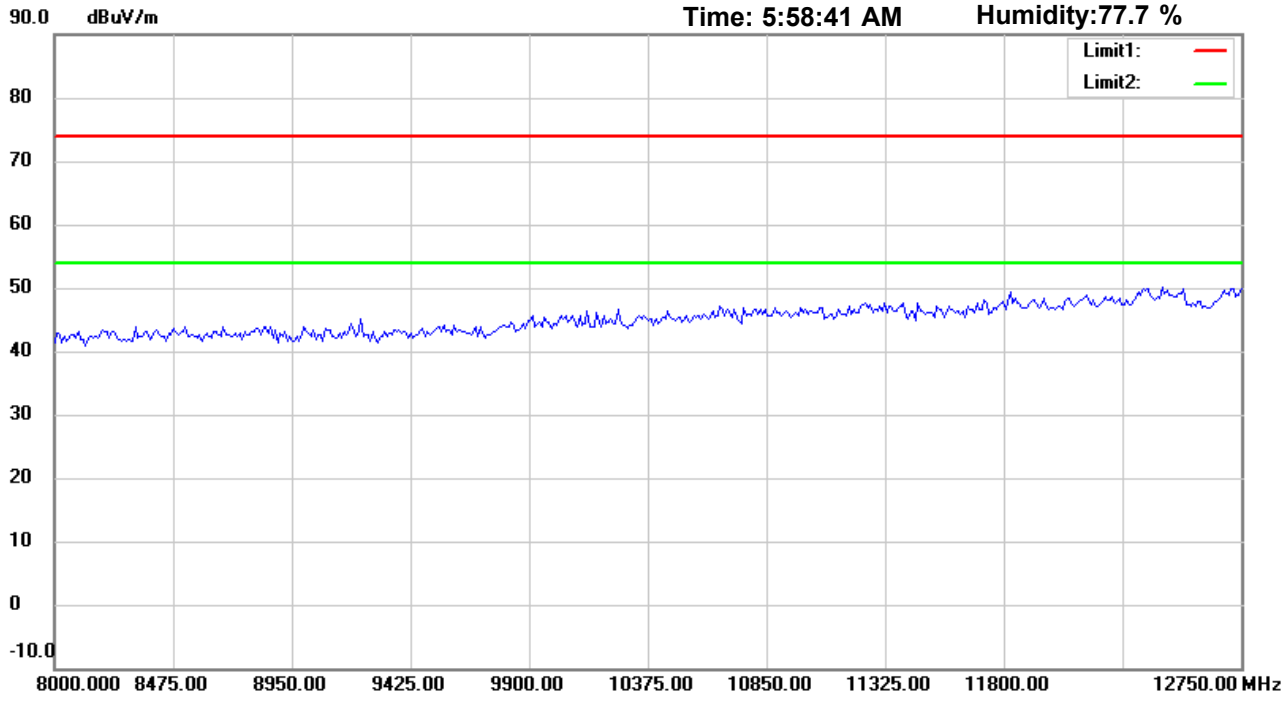
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 5:58:41 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

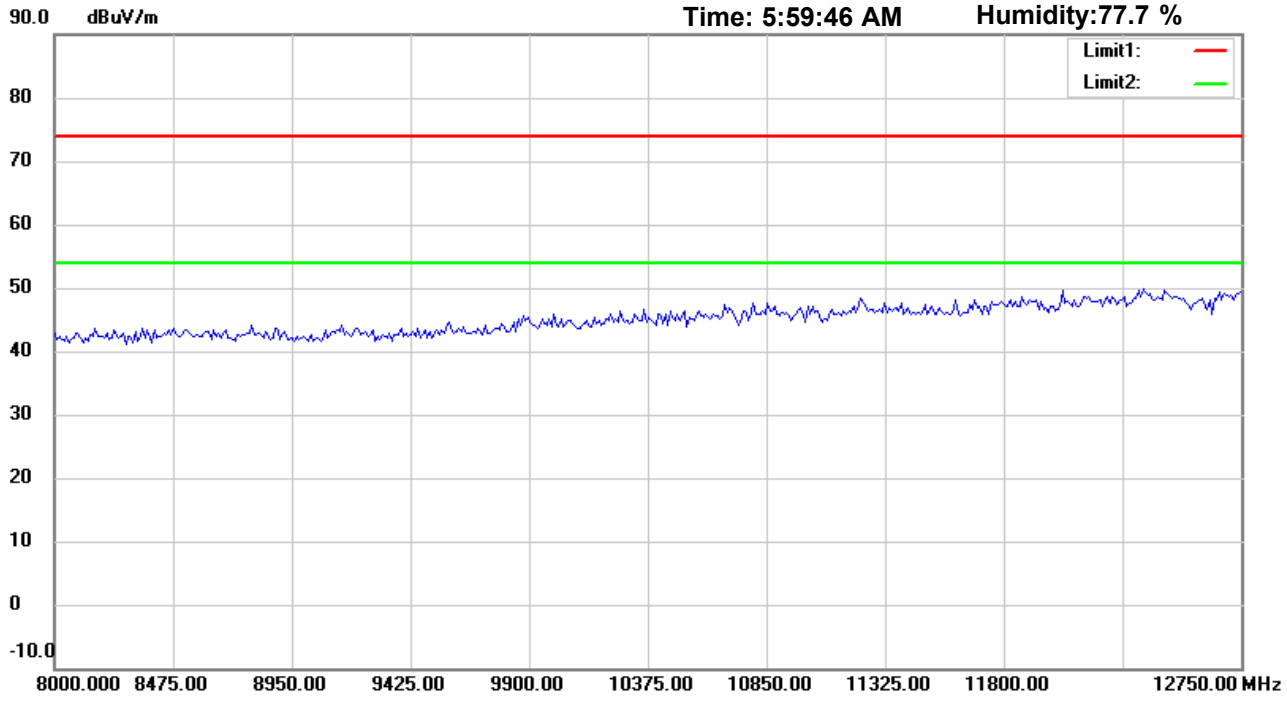
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 5:59:46 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

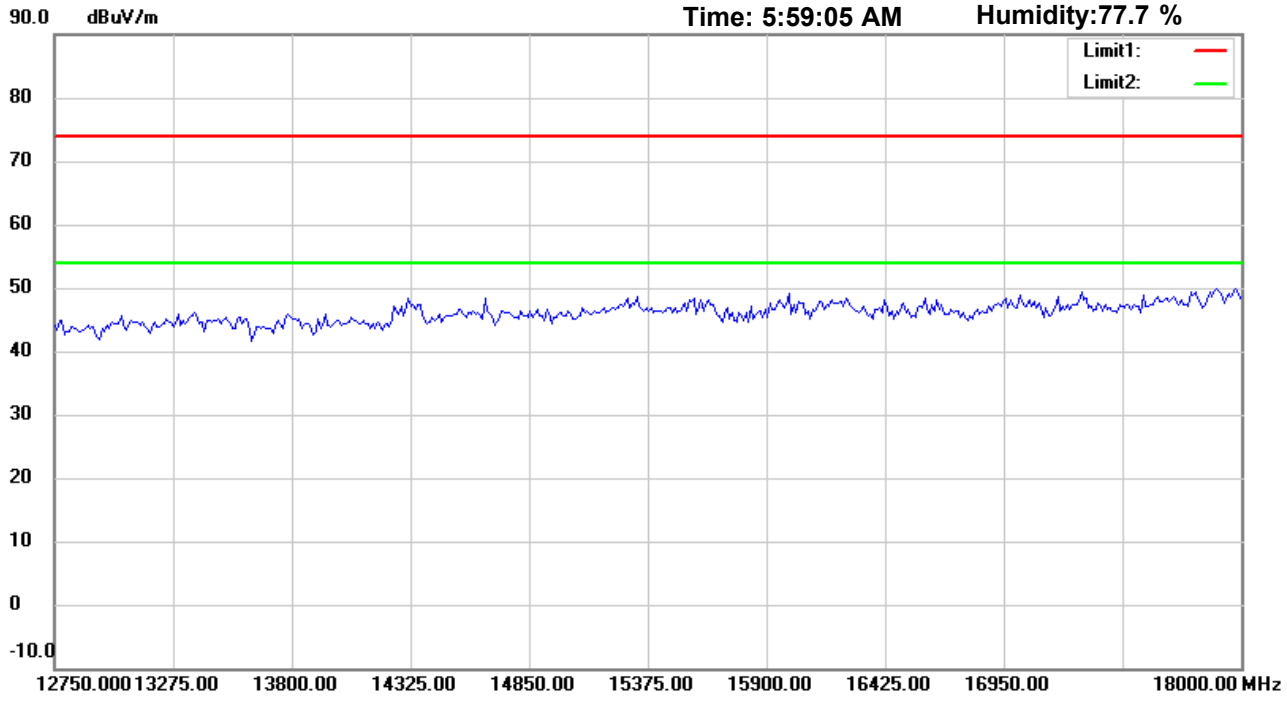
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 5:59:05 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

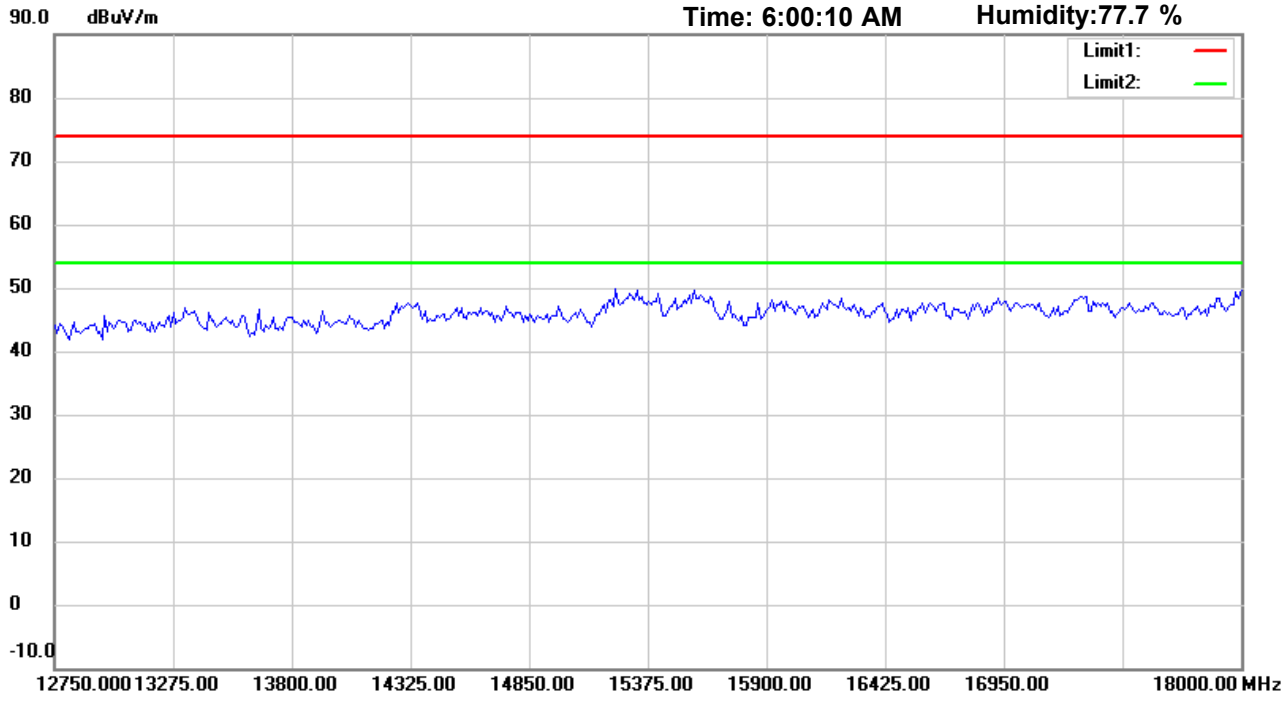
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 6:00:10 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

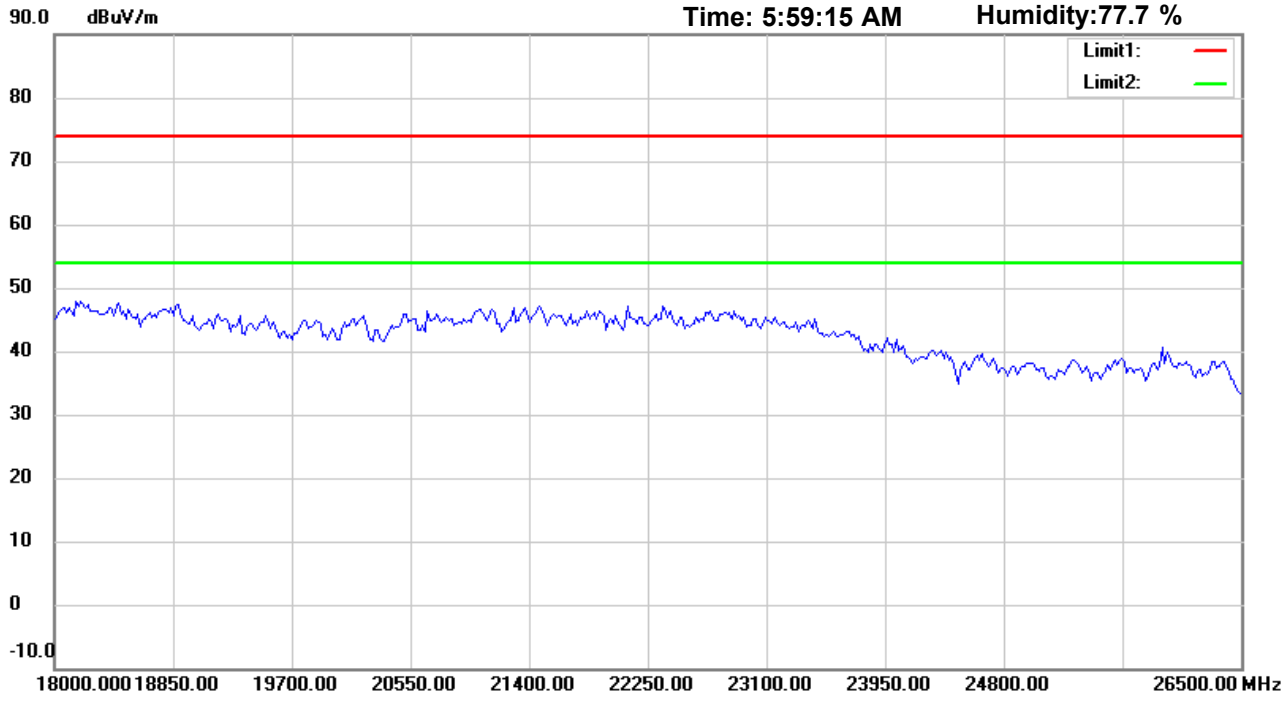
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 5:59:15 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH48

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

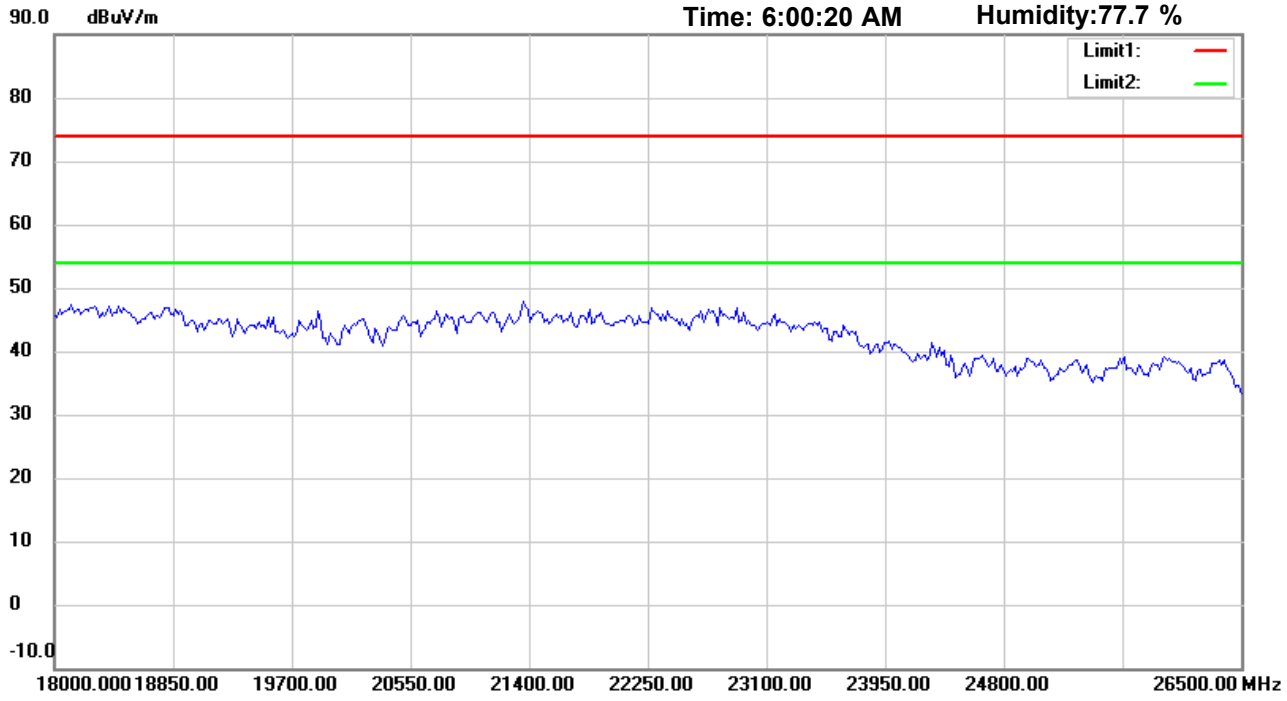
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 6:00:20 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

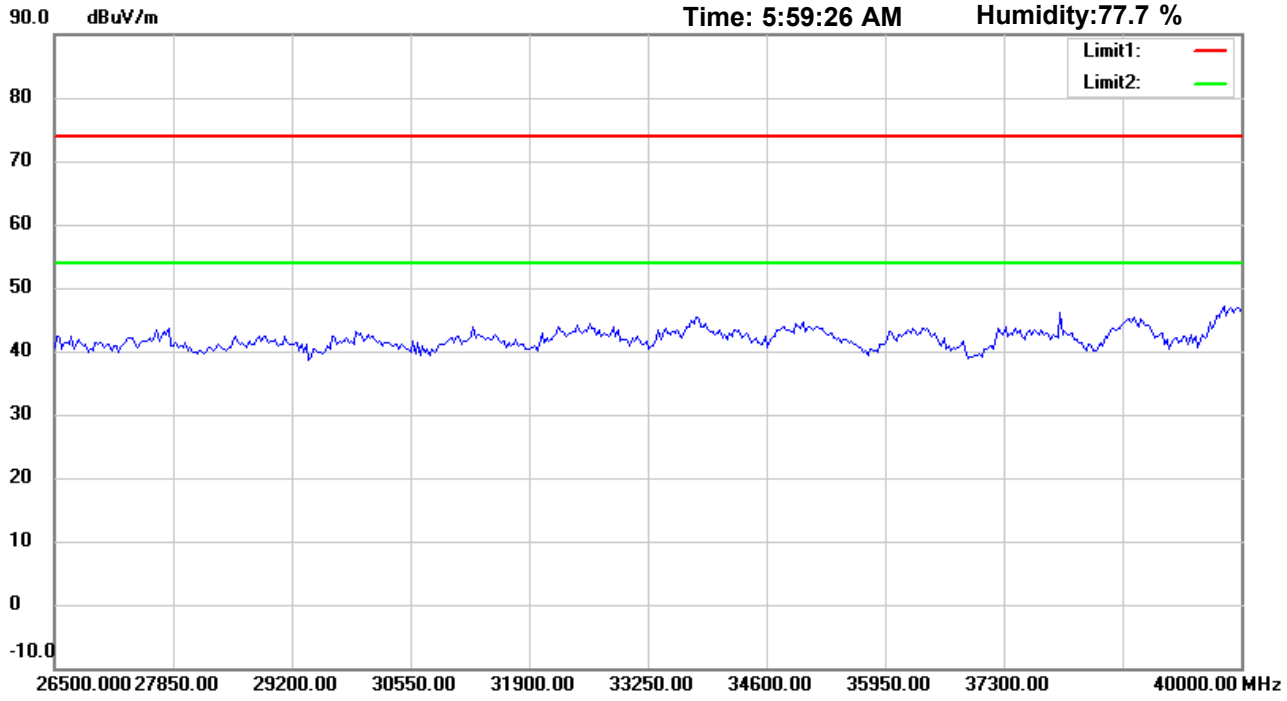
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 5:59:26 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

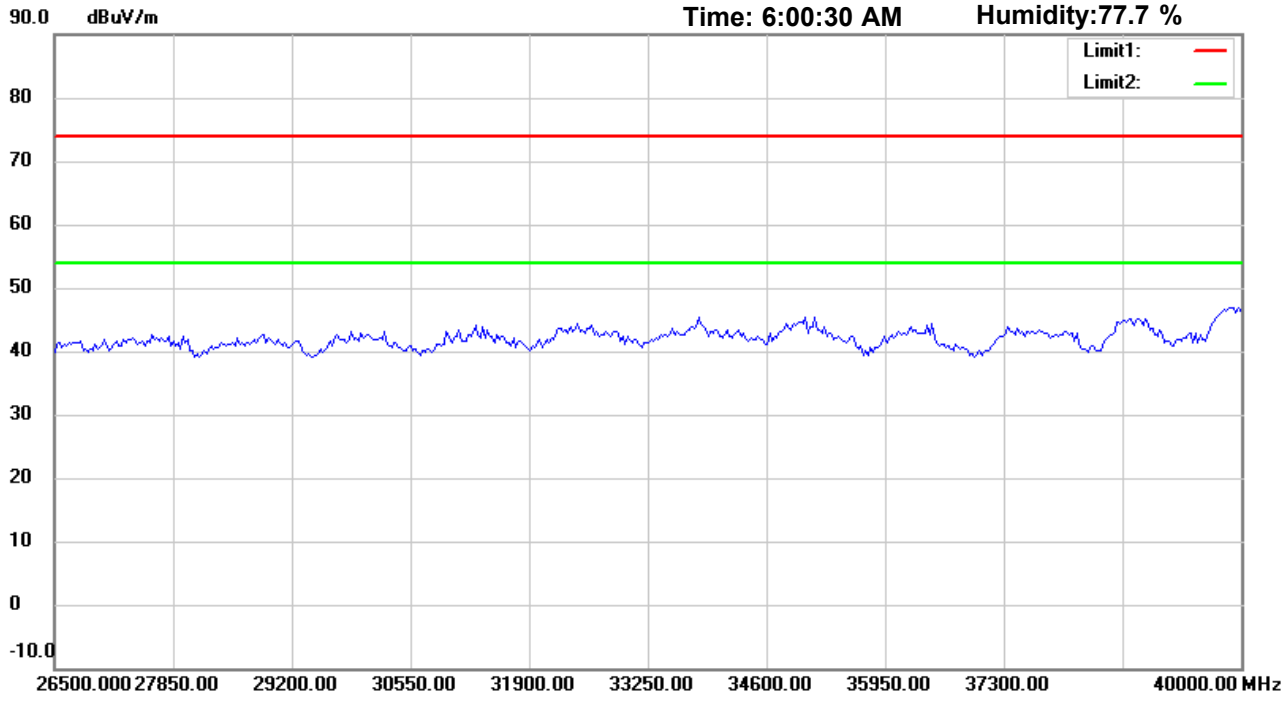
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 6:00:30 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH48

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

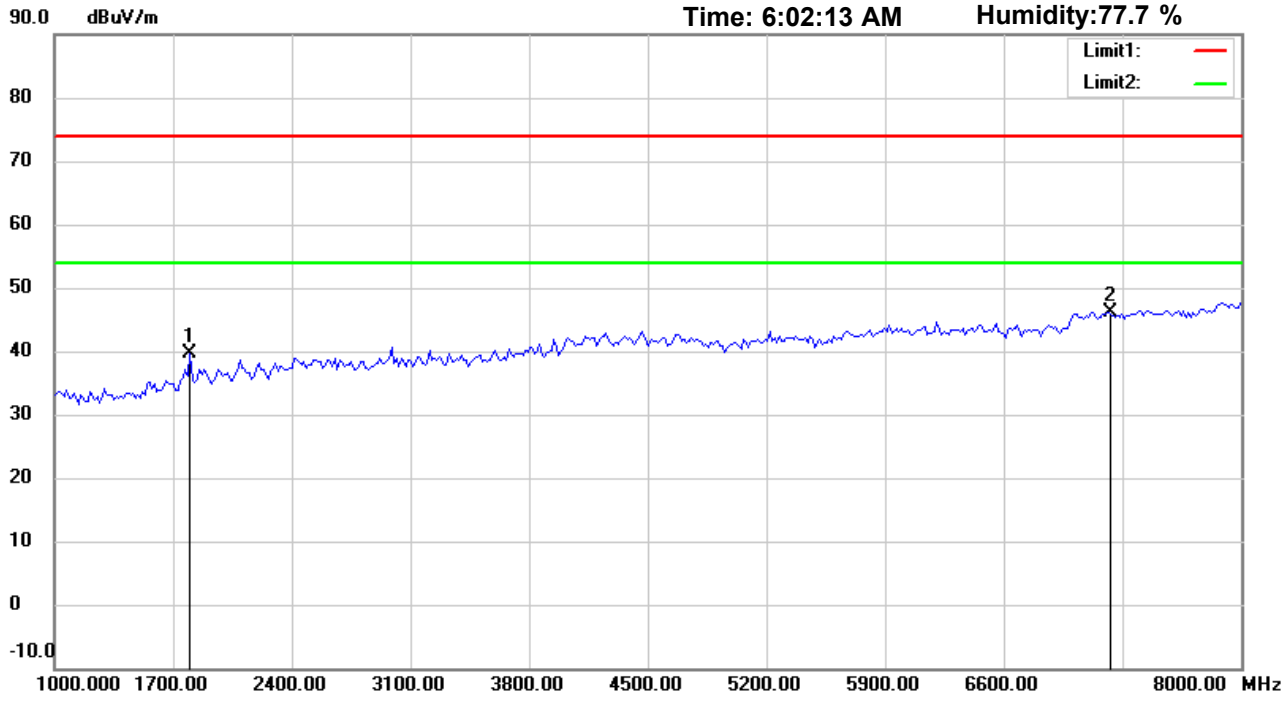
*:Maximum data x:Over limit !:over margin

Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 | Data :#1 | Date: 12/14/2018 | Time: 6:02:13 AM | Temperature:18.9 ℃ | Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	46.22	peak	-6.52	39.70	74.00	150	195	-34.30	
*	7214.429	40.80	peak	5.39	46.19	74.00	150	60	-27.81	

*:Maximum data x:Over limit !:over margin

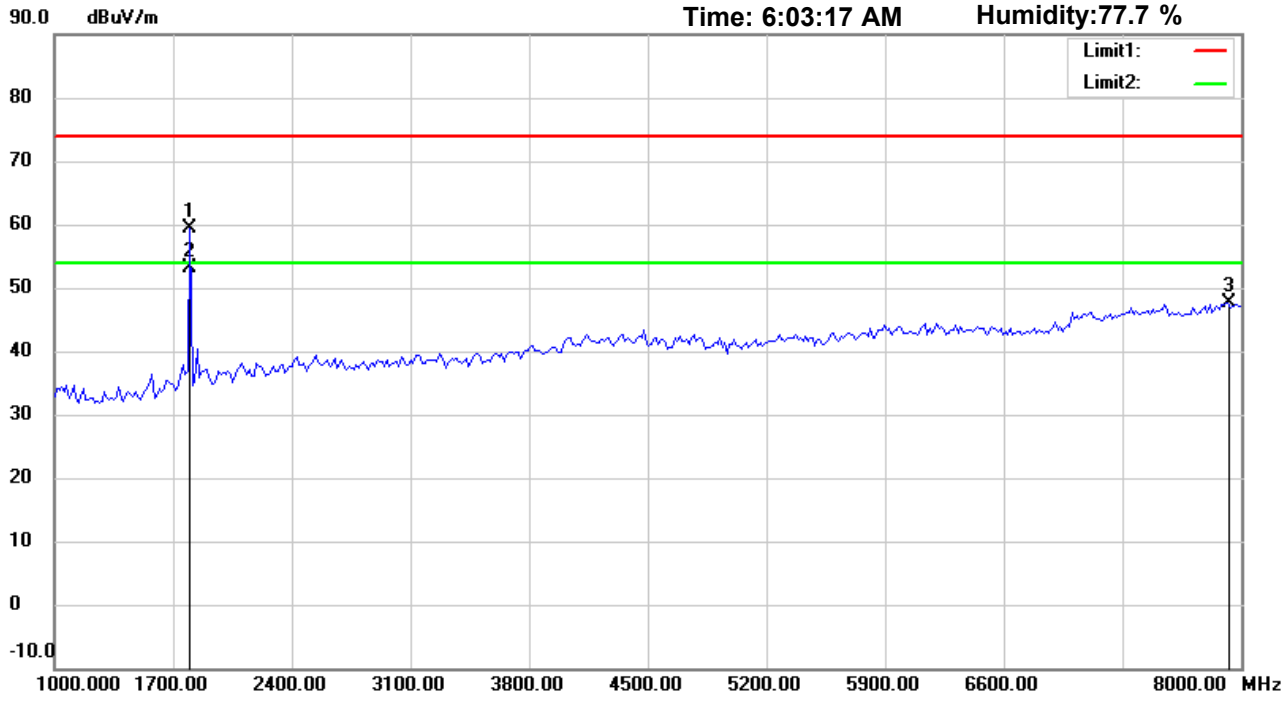
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 6:03:17 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	65.88	peak	-6.52	59.36	74.00	150	200	-14.64	
*	1799.599	59.69	AVG	-6.52	53.17	54.00	150	200	-0.83	
	7915.832	40.56	peak	7.16	47.72	74.00	150	75	-26.28	

*:Maximum data x:Over limit !:over margin

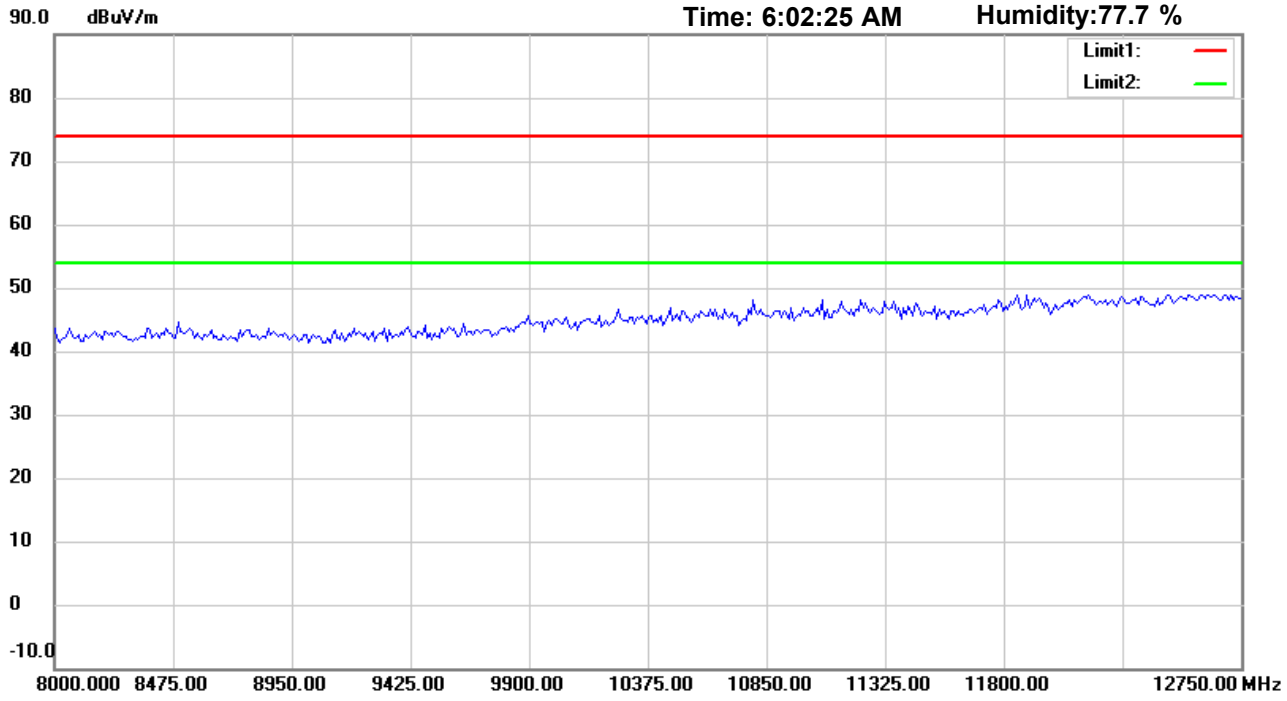
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 6:02:25 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

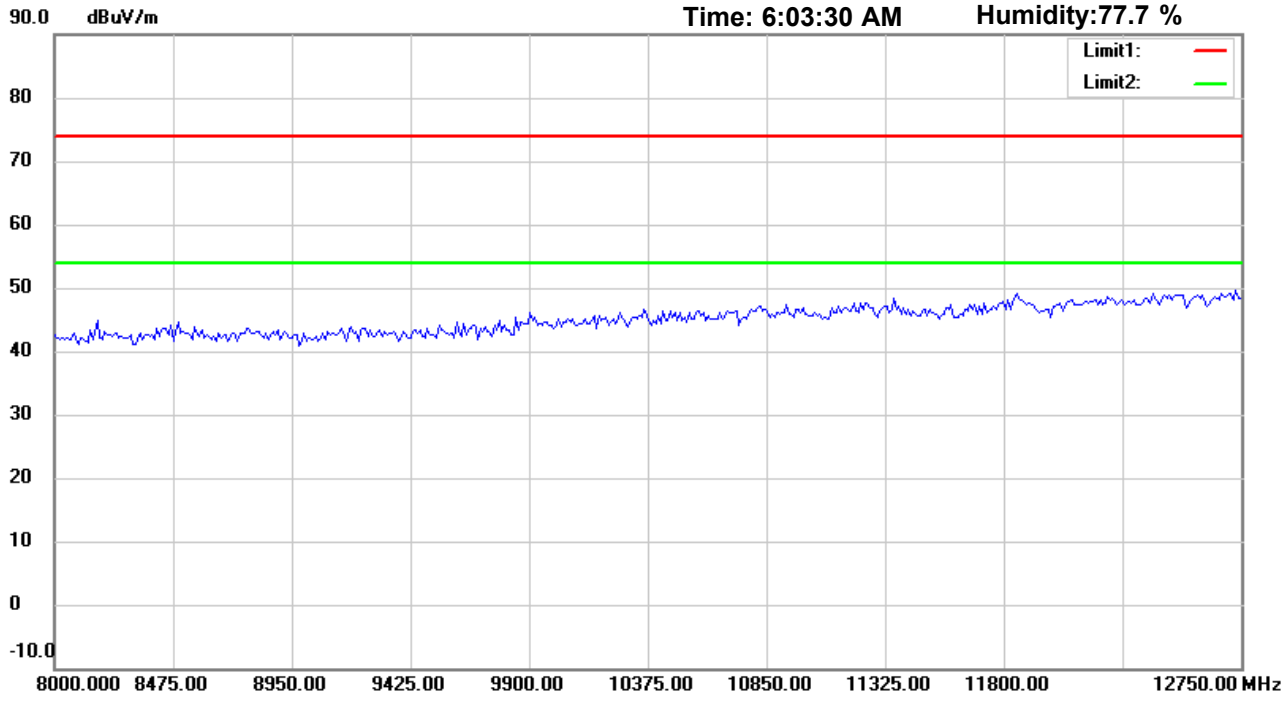
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 6:03:30 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

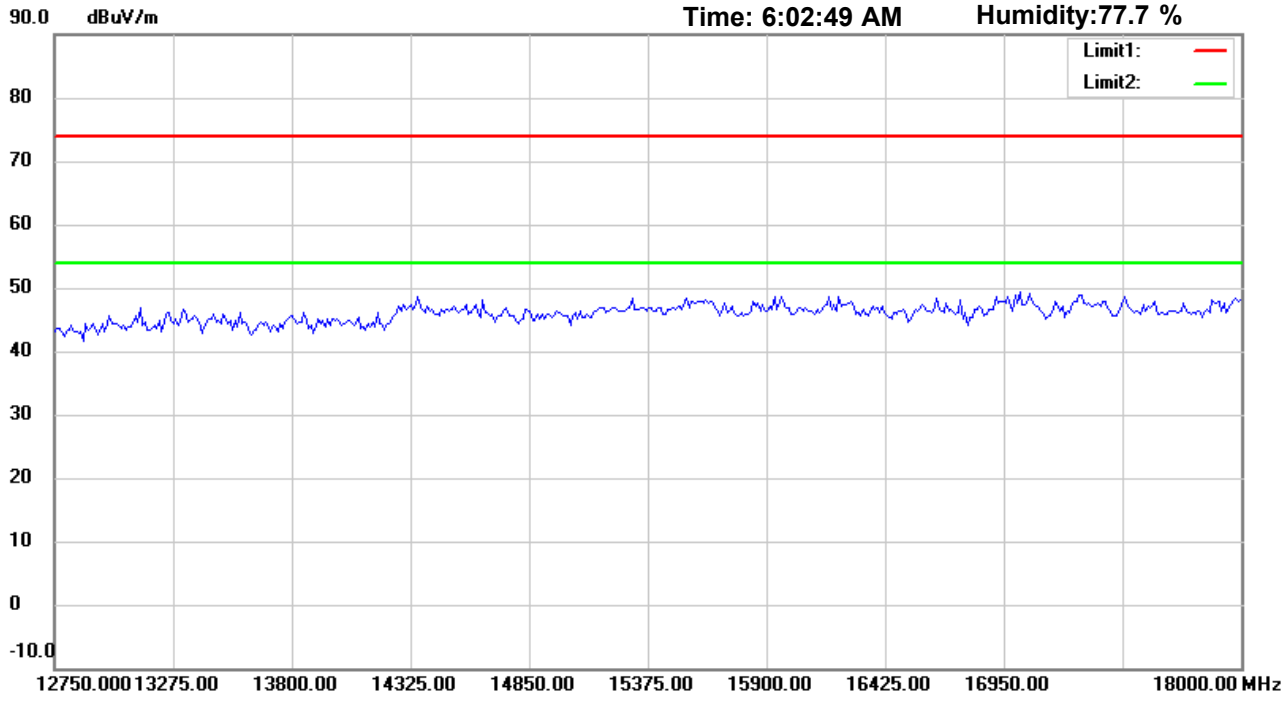
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 6:02:49 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

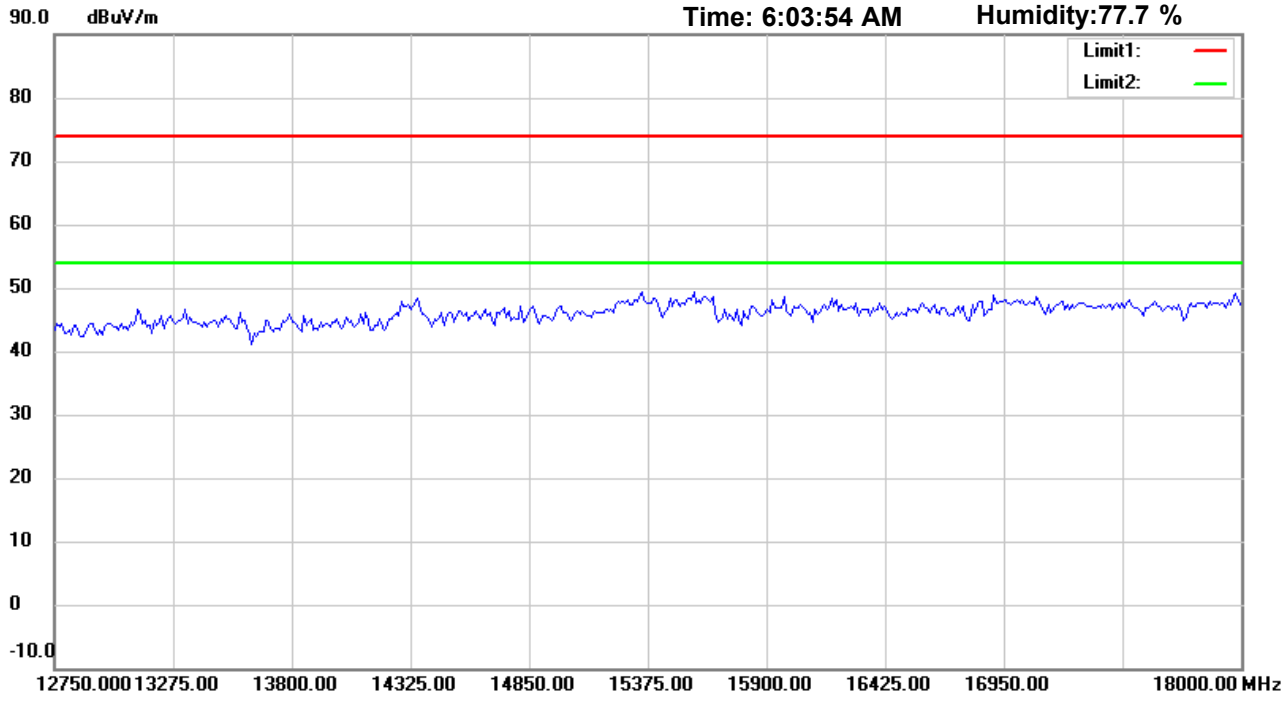
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 6:03:54 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

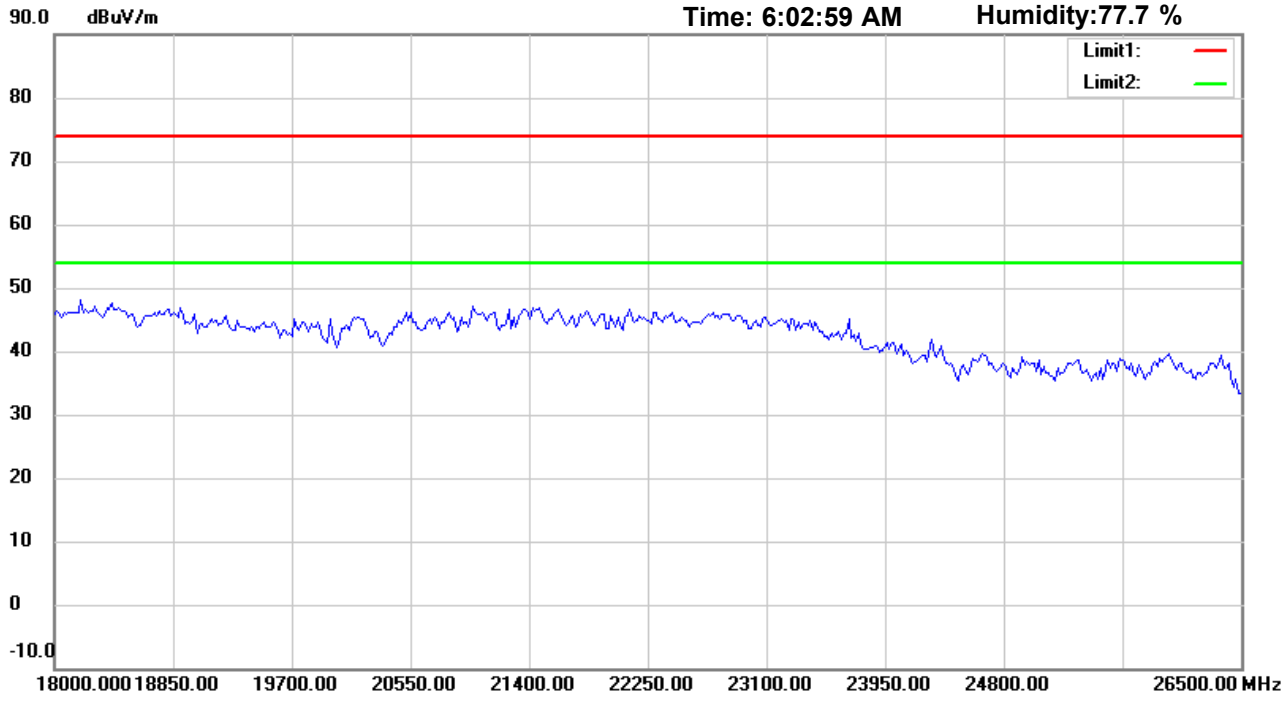
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 6:02:59 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH149

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

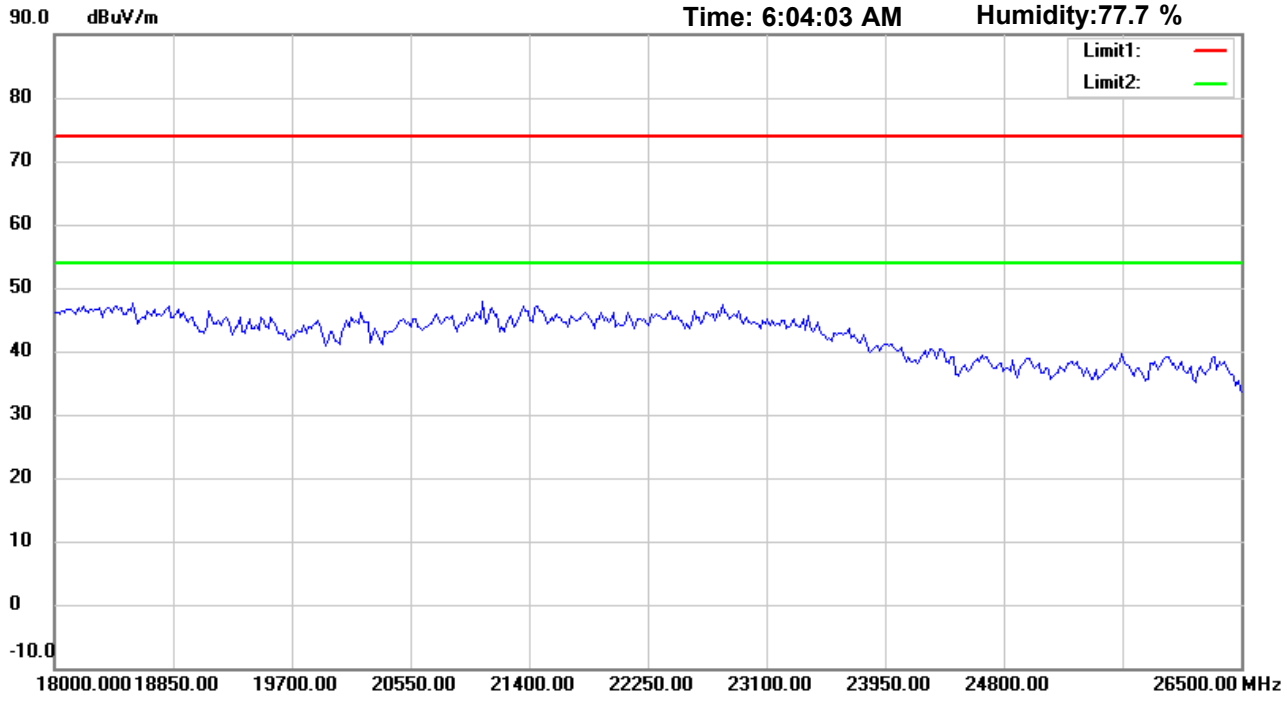
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 6:04:03 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

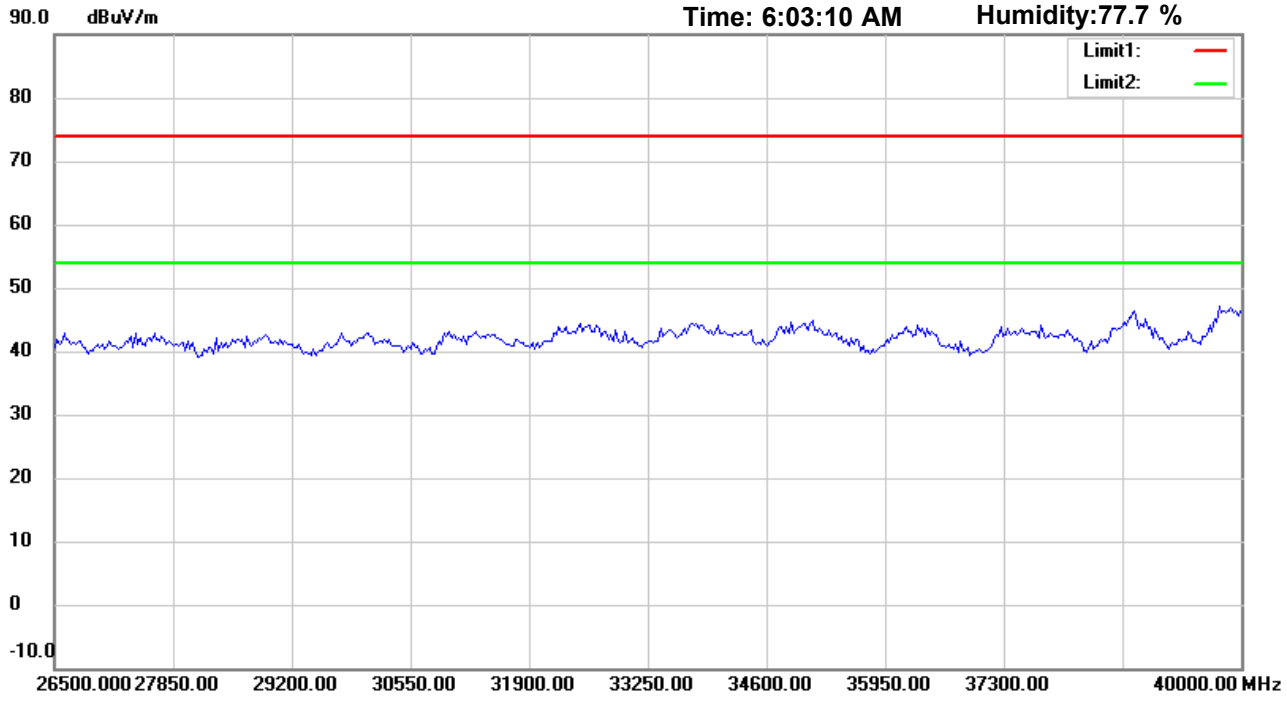
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 6:03:10 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

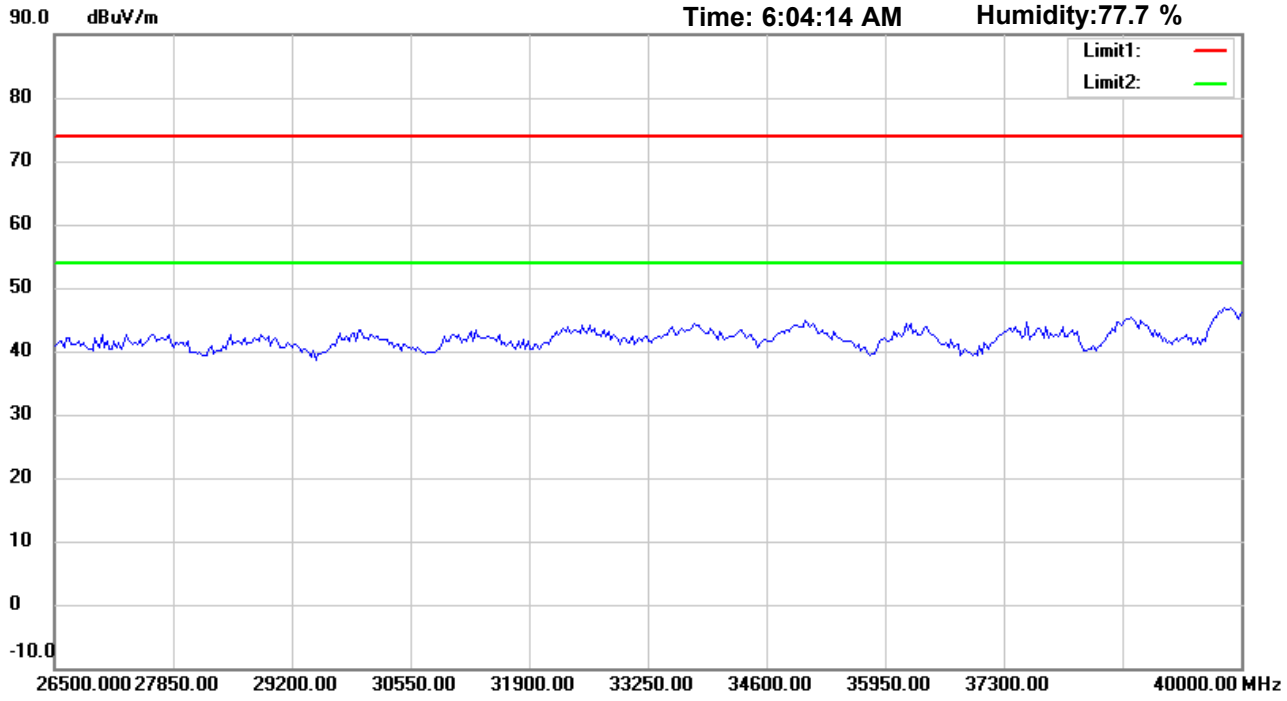
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 6:04:14 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH149

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

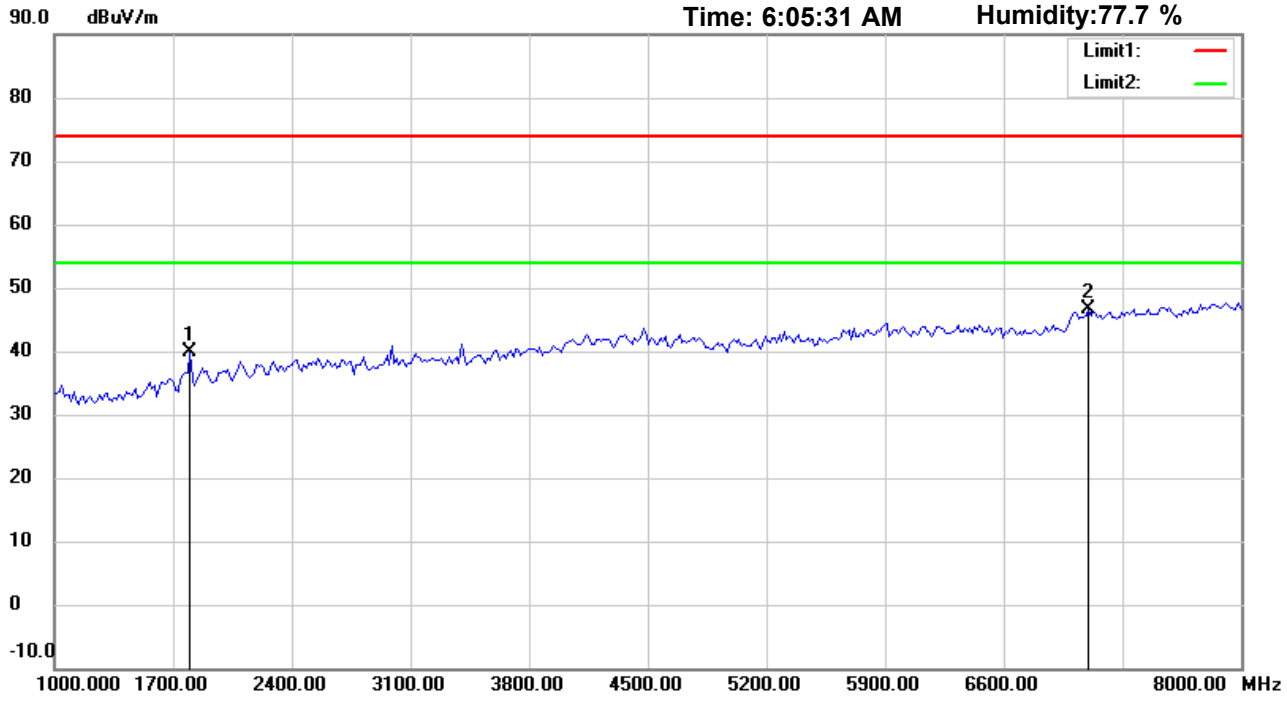
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 6:05:31 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	46.47	peak	-6.52	39.95	74.00	150	200	-34.05	
*	7102.204	41.31	peak	5.27	46.58	74.00	150	145	-27.42	

*:Maximum data x:Over limit !:over margin

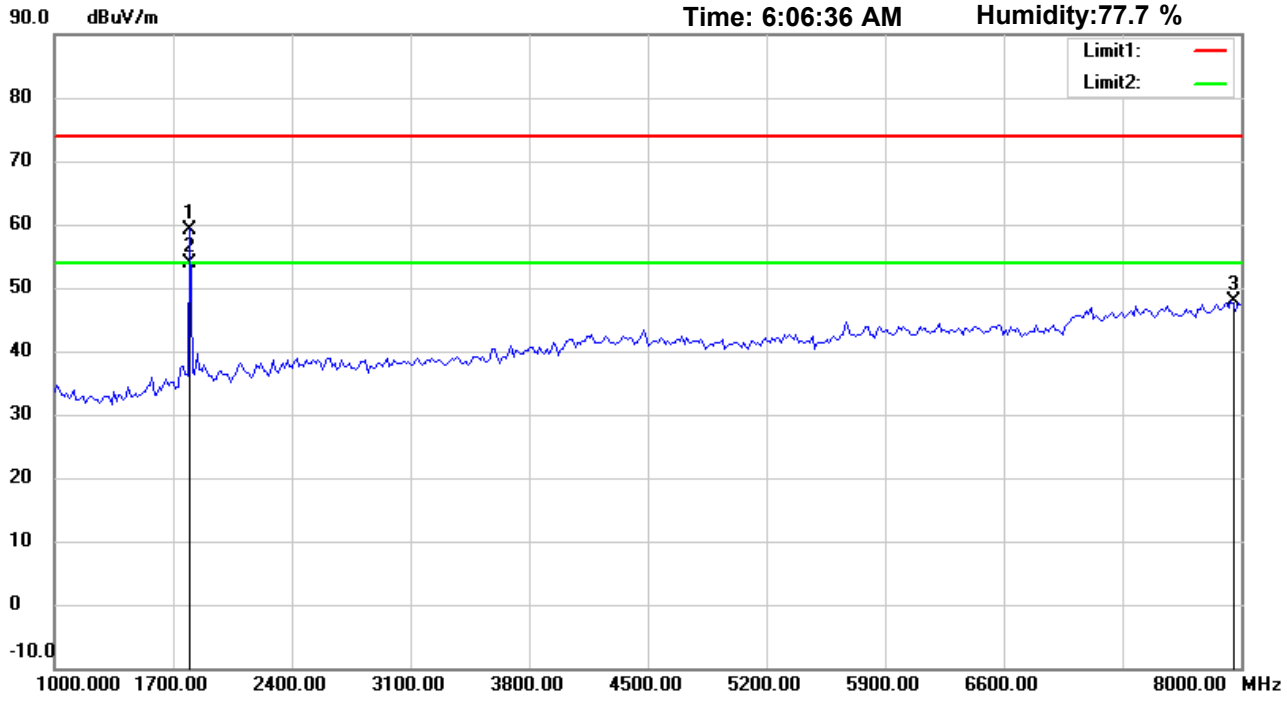
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 6:06:36 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	65.76	peak	-6.52	59.24	74.00	150	90	-14.76	
*	1799.599	60.35	AVG	-6.52	53.83	54.00	150	90	-0.17	
	7943.888	40.91	peak	7.08	47.99	74.00	150	295	-26.01	

*:Maximum data x:Over limit !:over margin

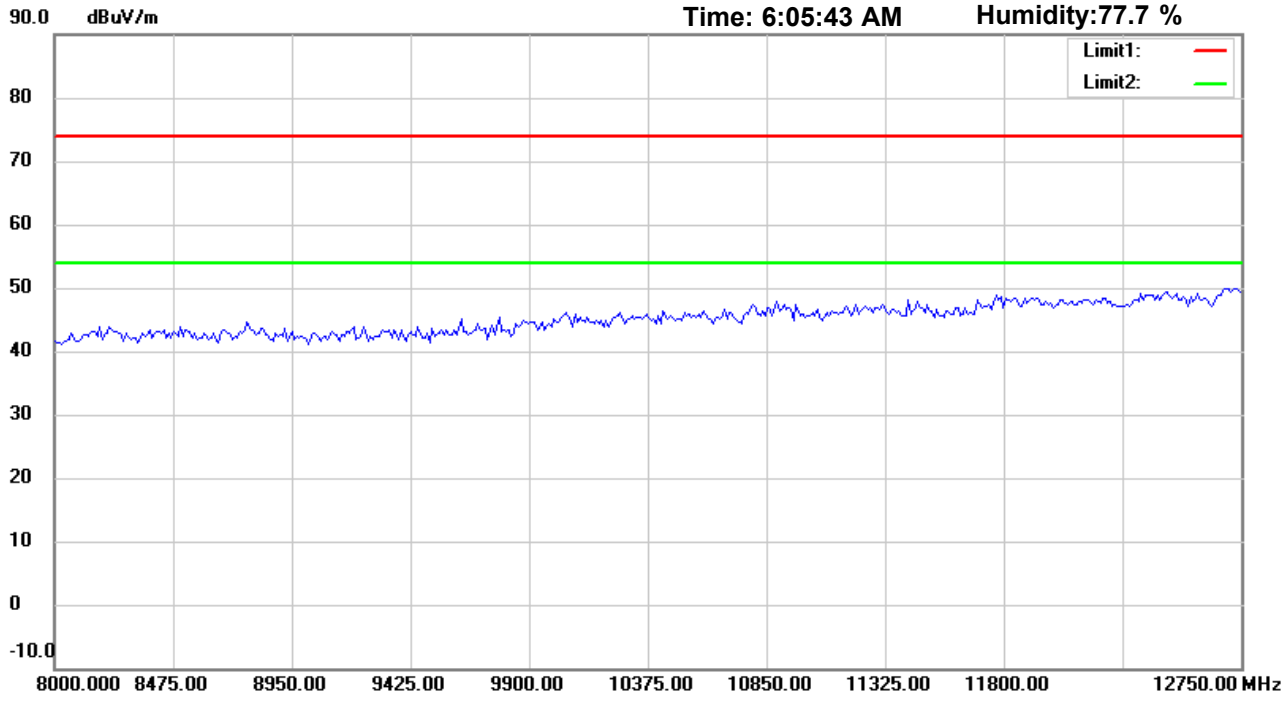
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 6:05:43 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

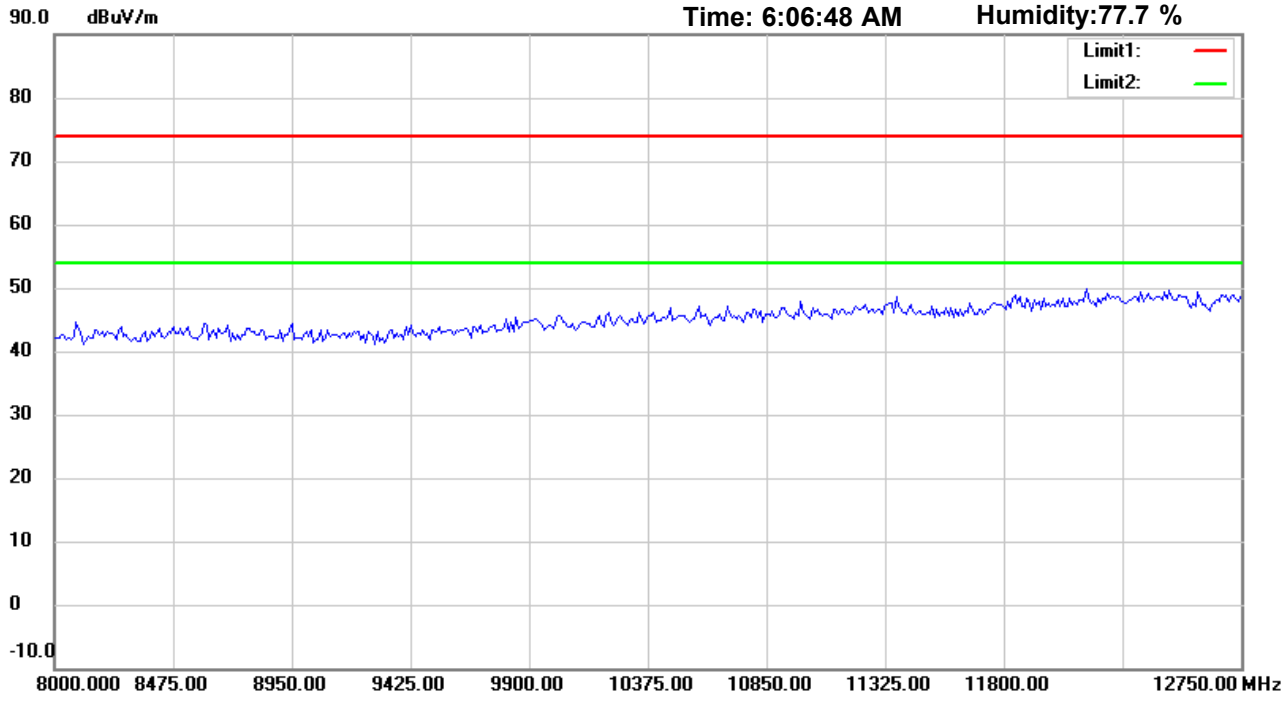
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 6:06:48 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

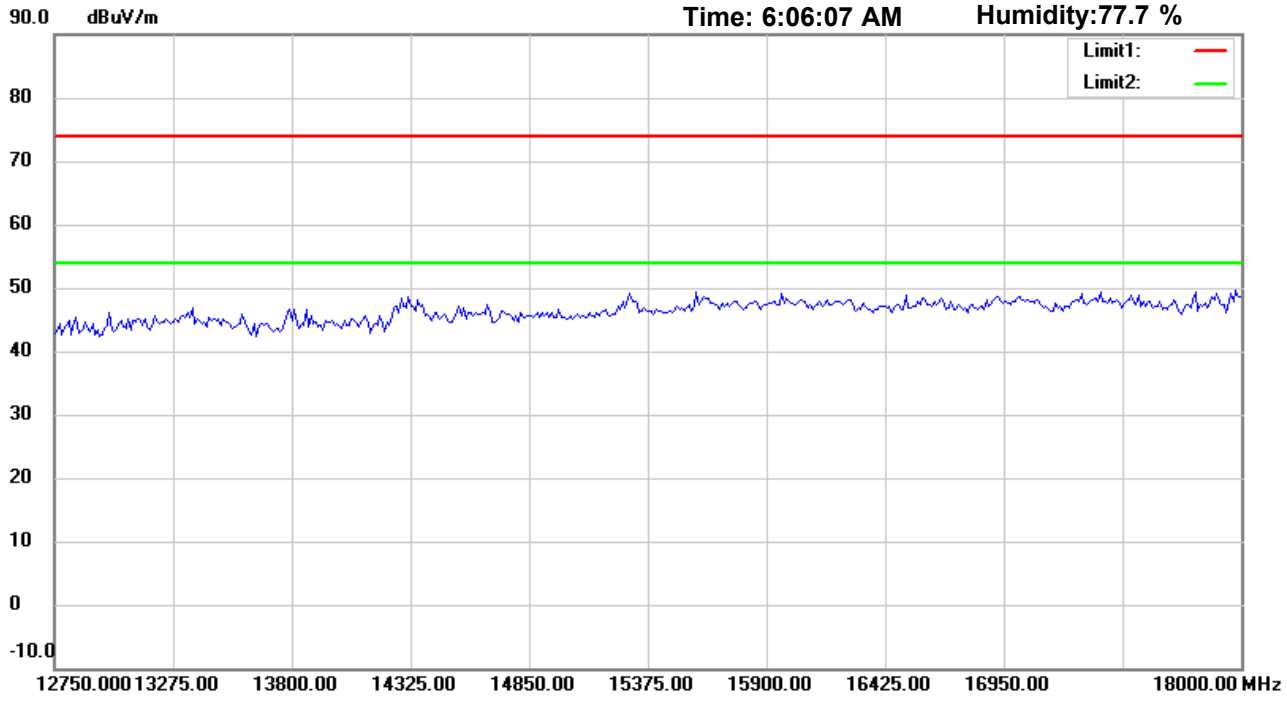
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 6:06:07 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

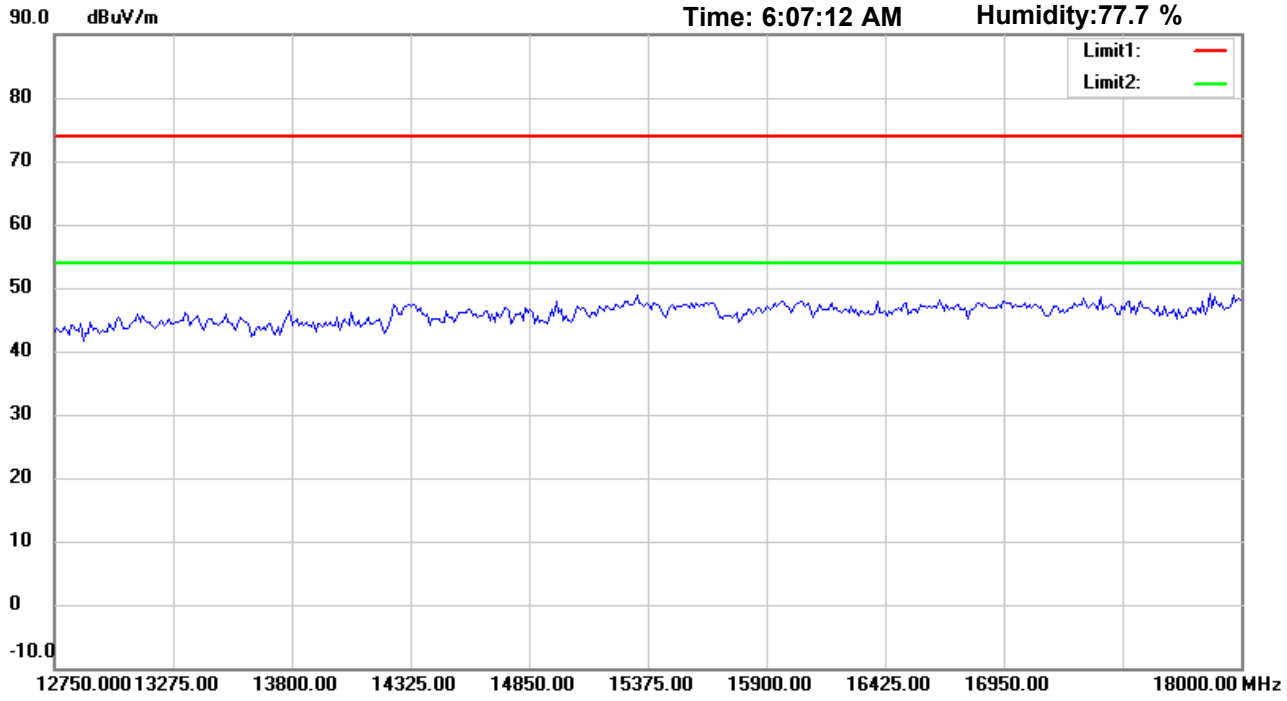
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 6:07:12 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

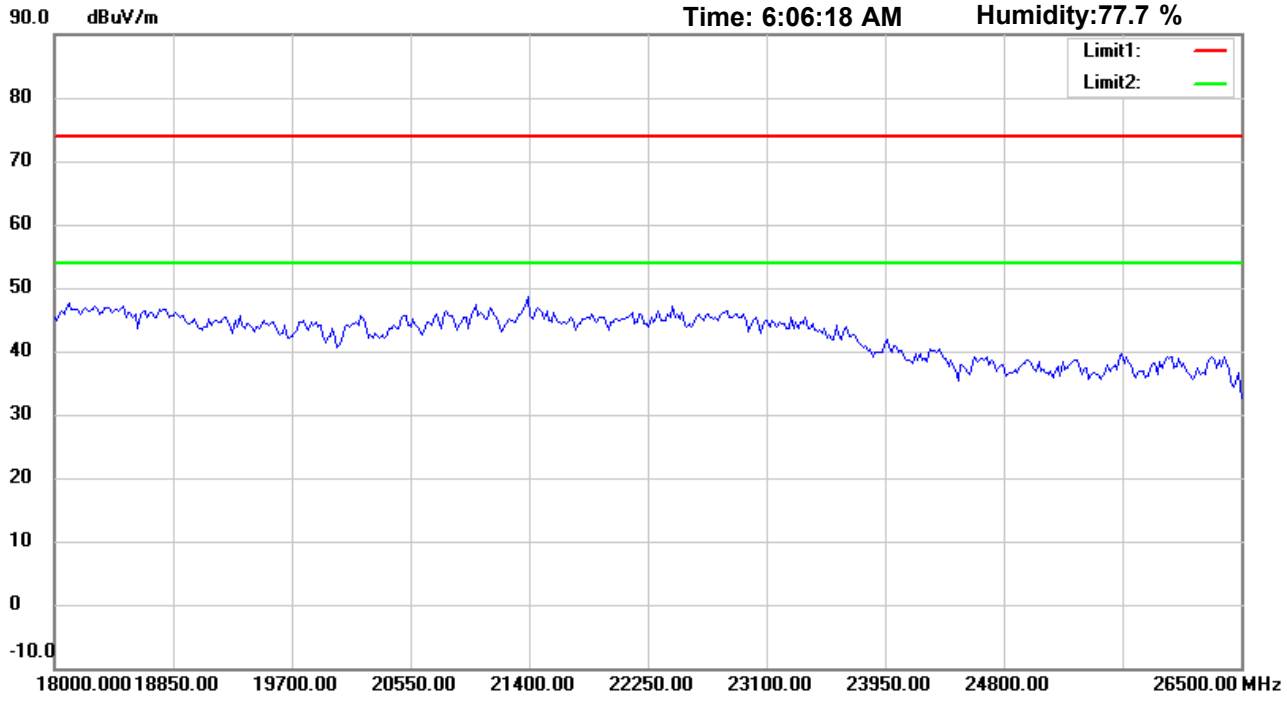
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 6:06:18 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH157

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

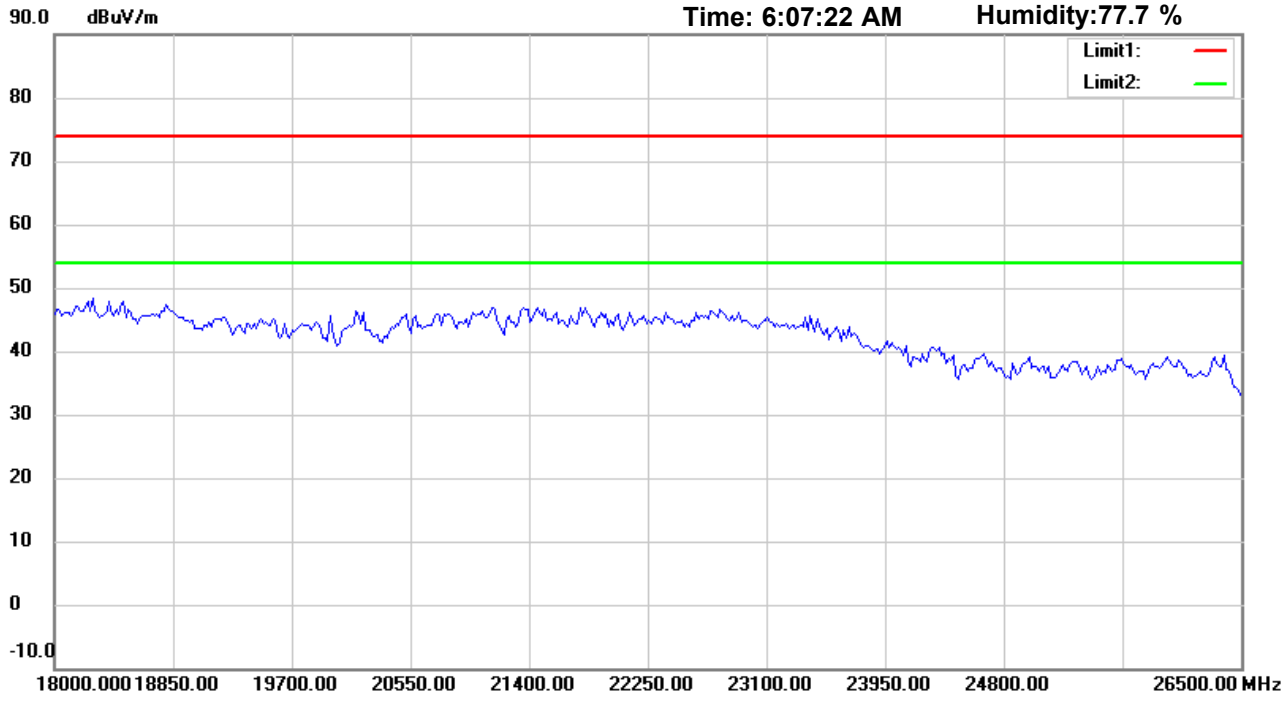
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 6:07:22 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH157

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

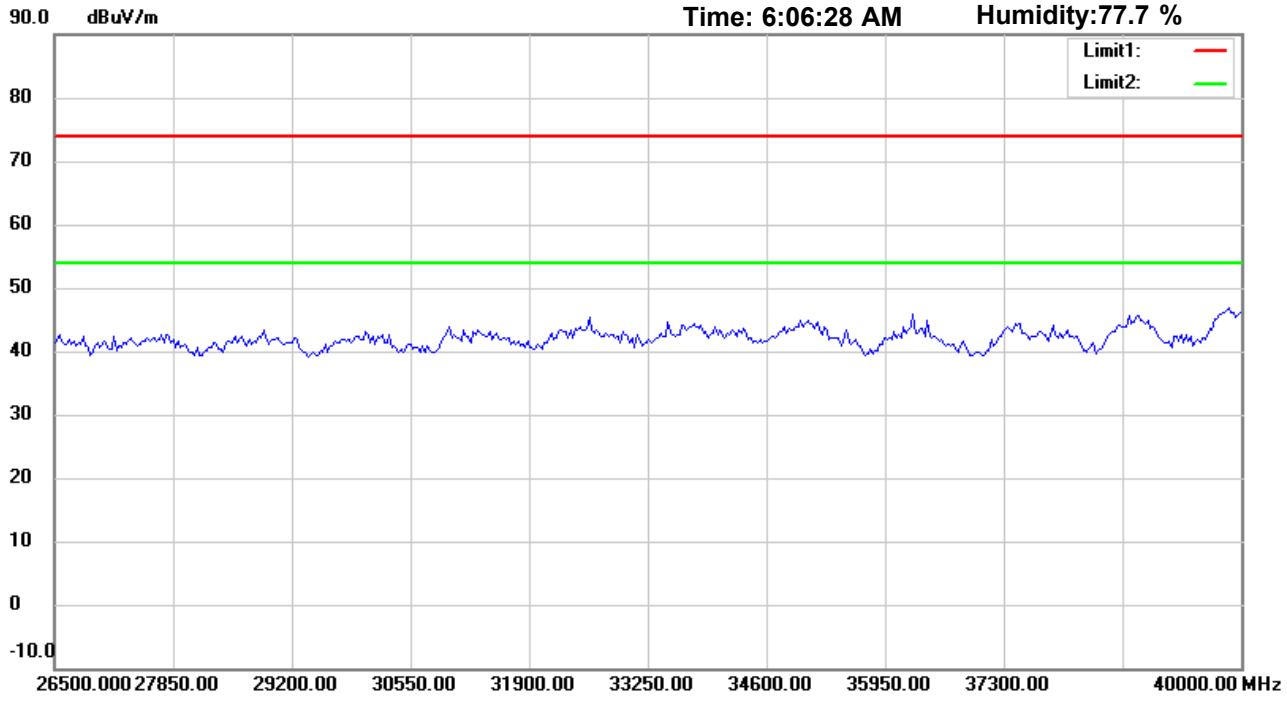
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 6:06:28 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

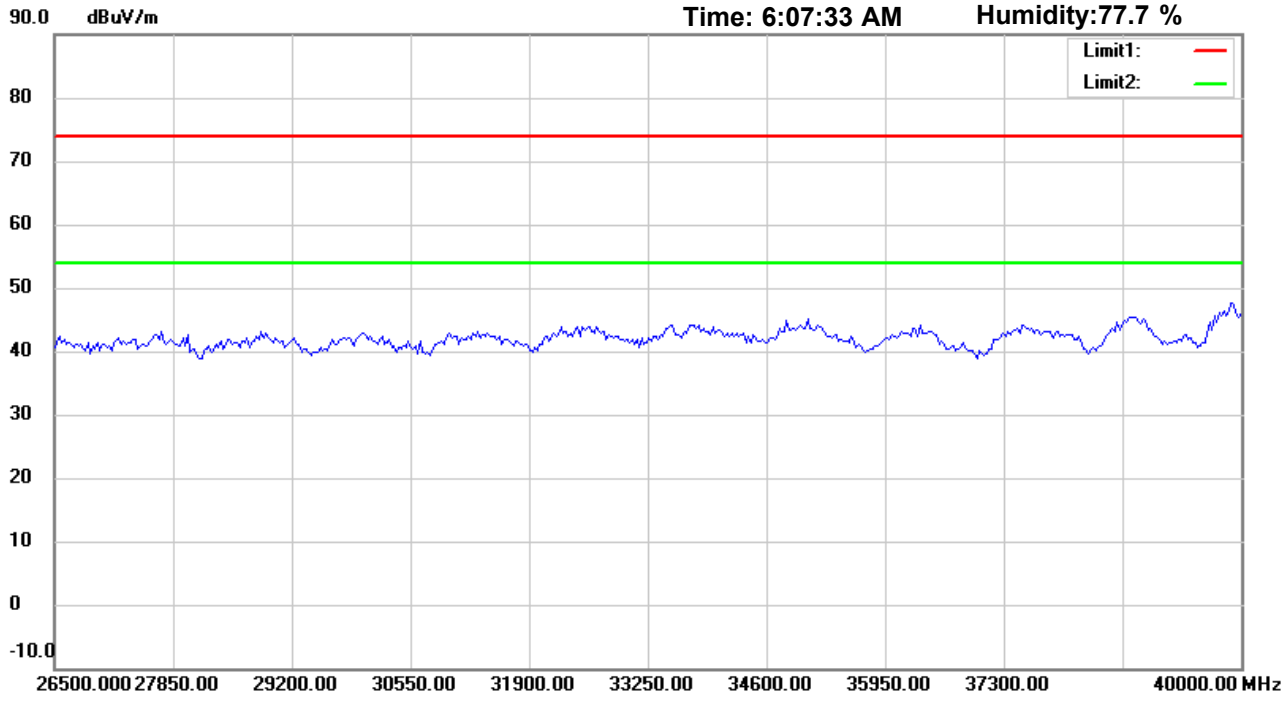
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 6:07:33 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH157

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

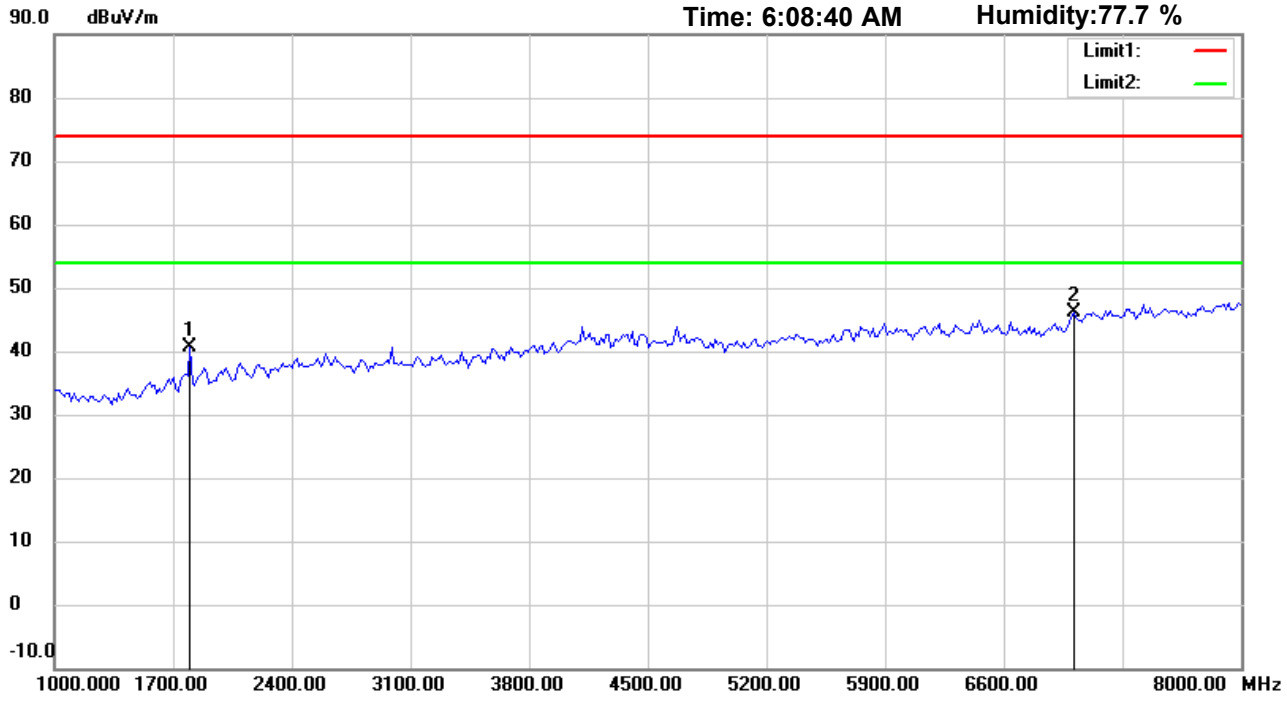
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 6:08:40 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	47.25	peak	-6.52	40.73	74.00	150	115	-33.27	
*	7018.036	40.74	peak	5.43	46.17	74.00	150	310	-27.83	

*:Maximum data x:Over limit !:over margin

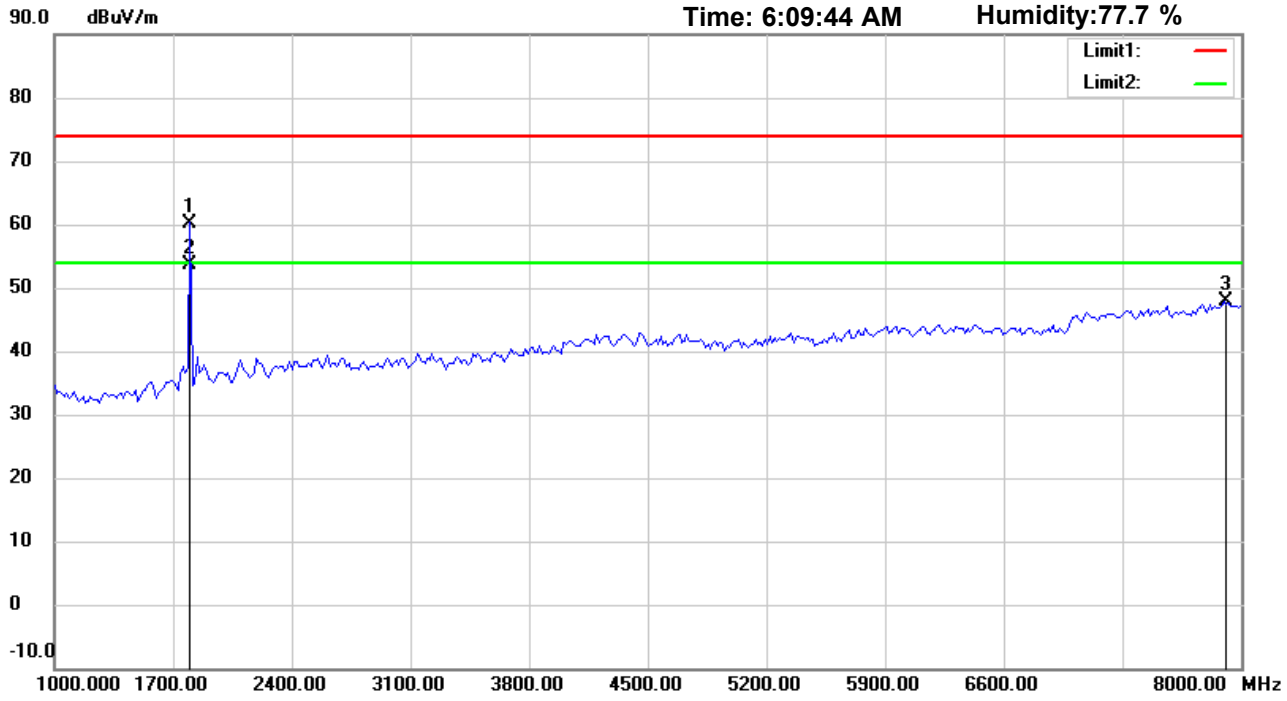
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 6:09:44 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	66.54	peak	-6.52	60.02	74.00	150	220	-13.98	
*	1799.599	60.05	AVG	-6.52	53.53	54.00	150	220	-0.47	
	7901.804	40.59	peak	7.19	47.78	74.00	150	65	-26.22	

*:Maximum data x:Over limit !:over margin

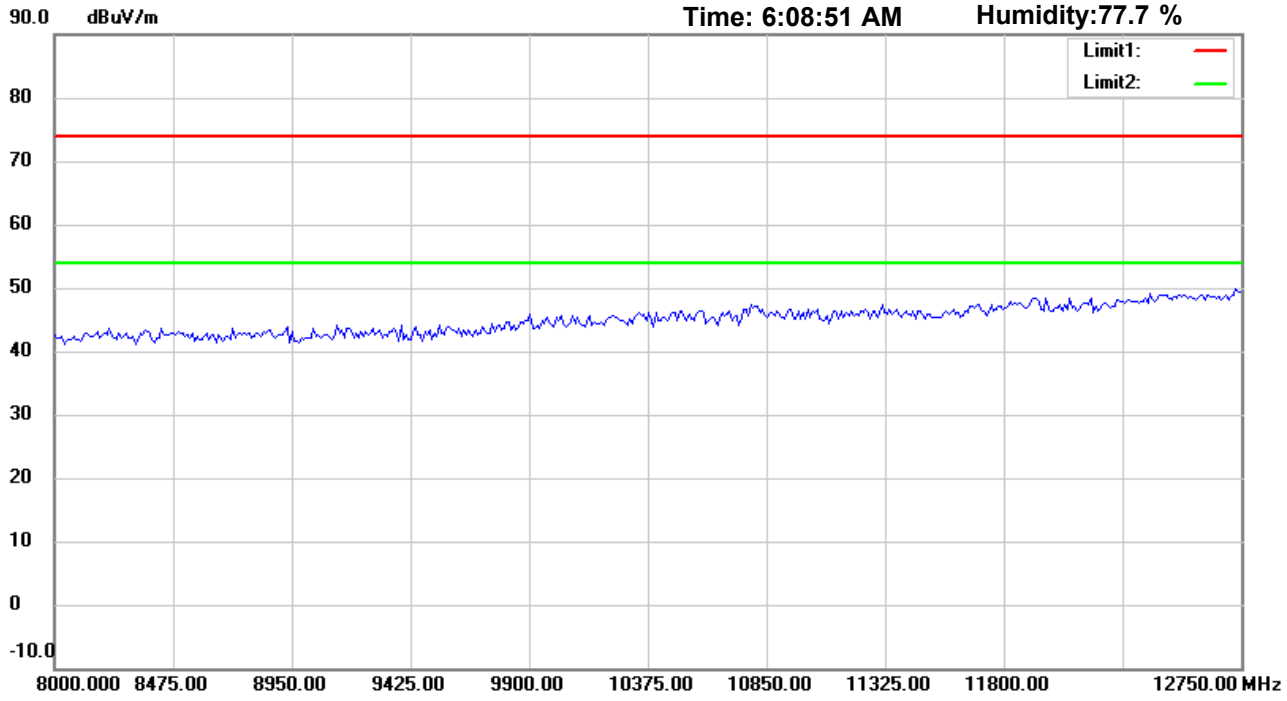
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 6:08:51 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

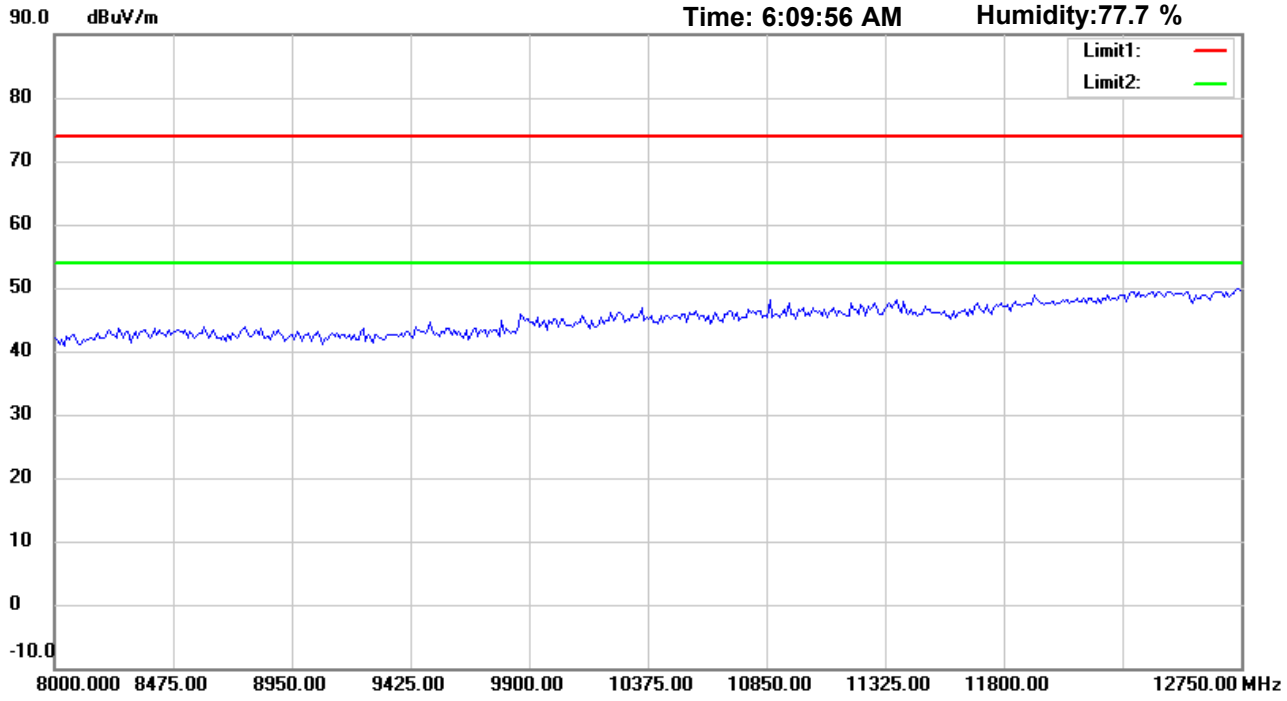
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 6:09:56 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

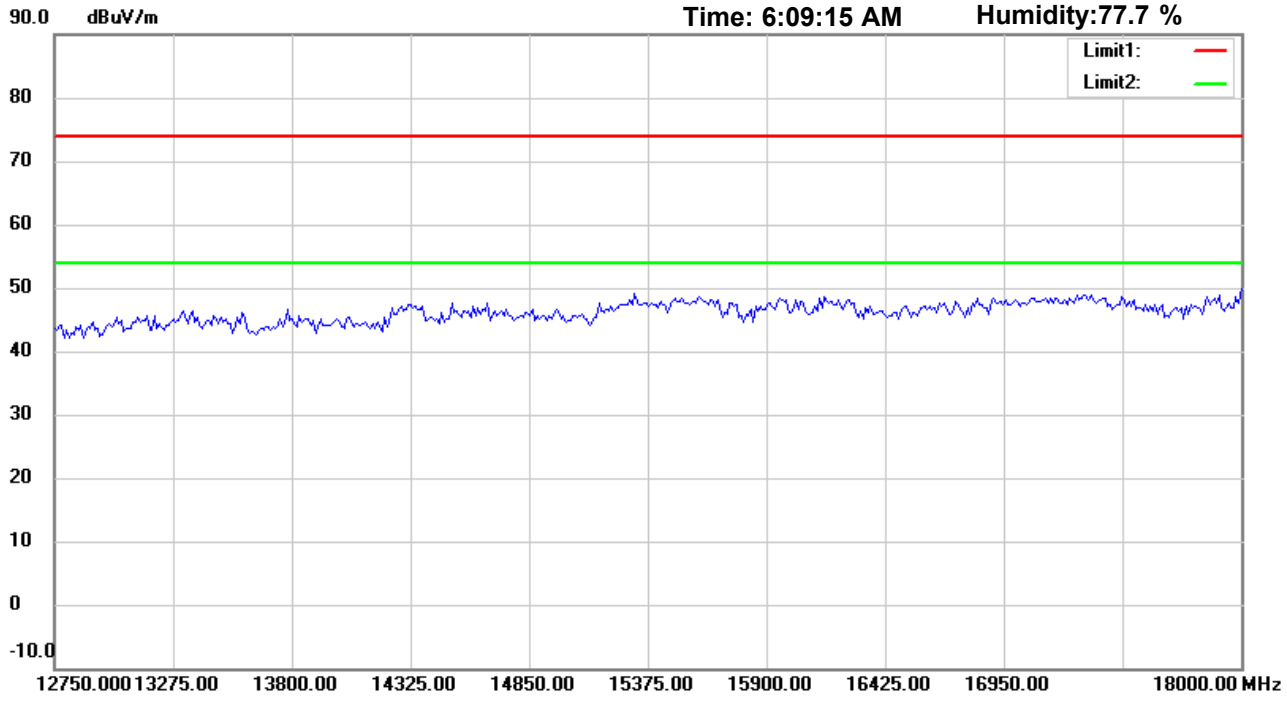
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 6:09:15 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

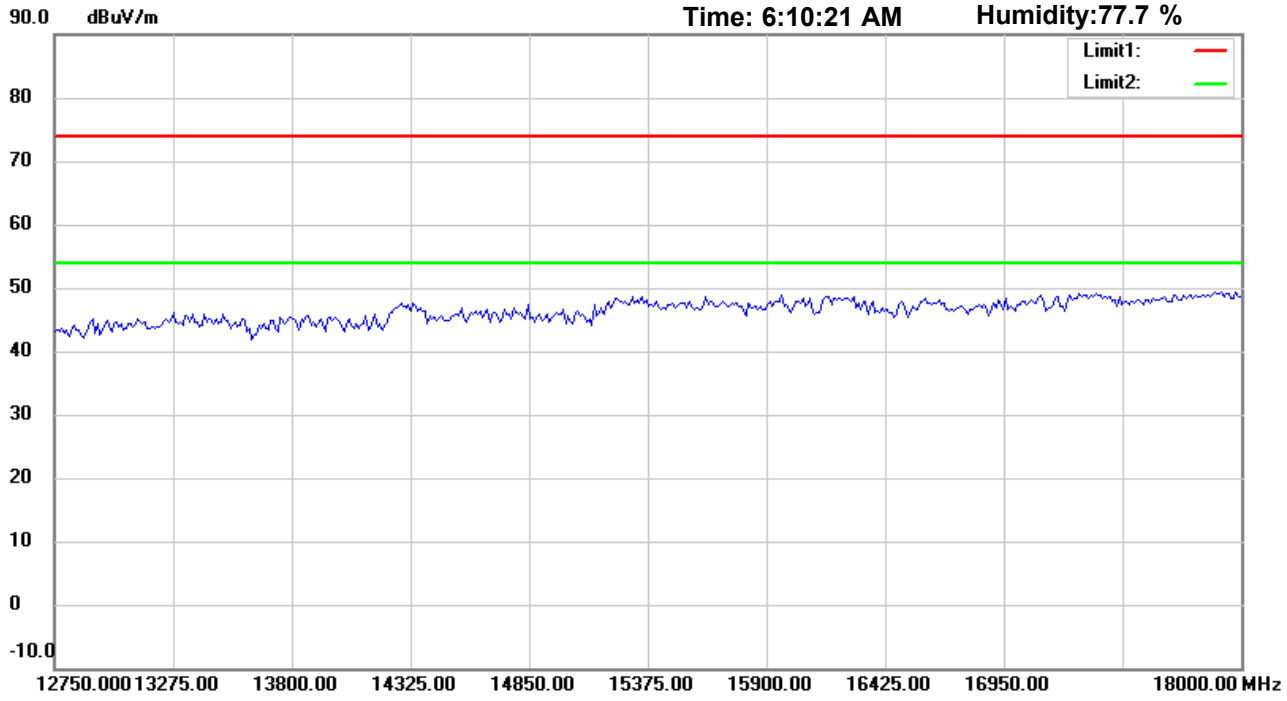
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 6:10:21 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

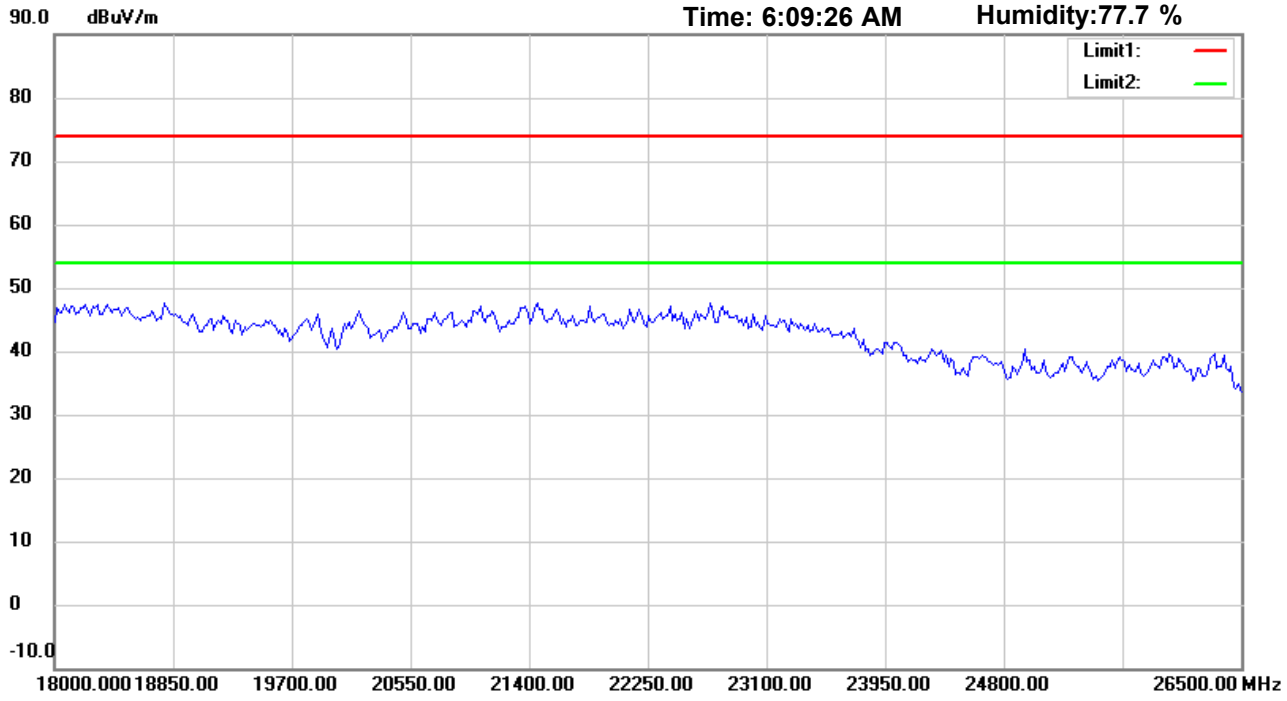
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 6:09:26 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n20 CH165

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

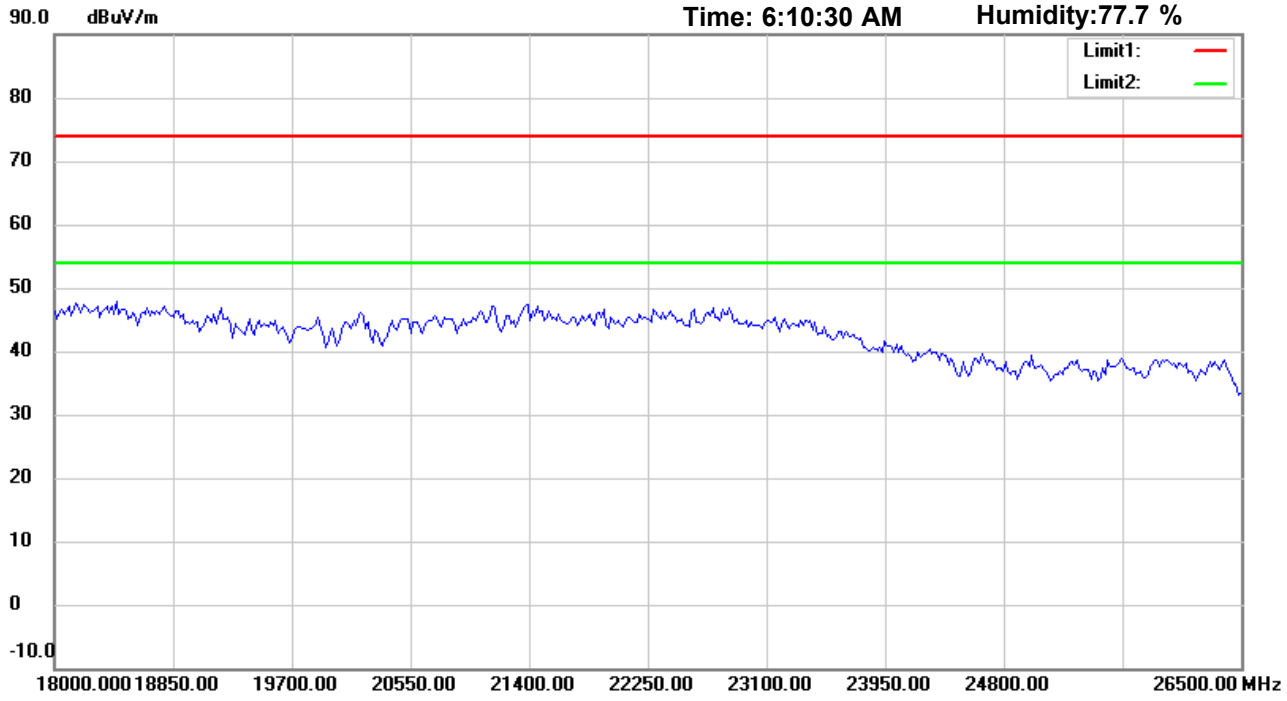
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 6:10:30 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

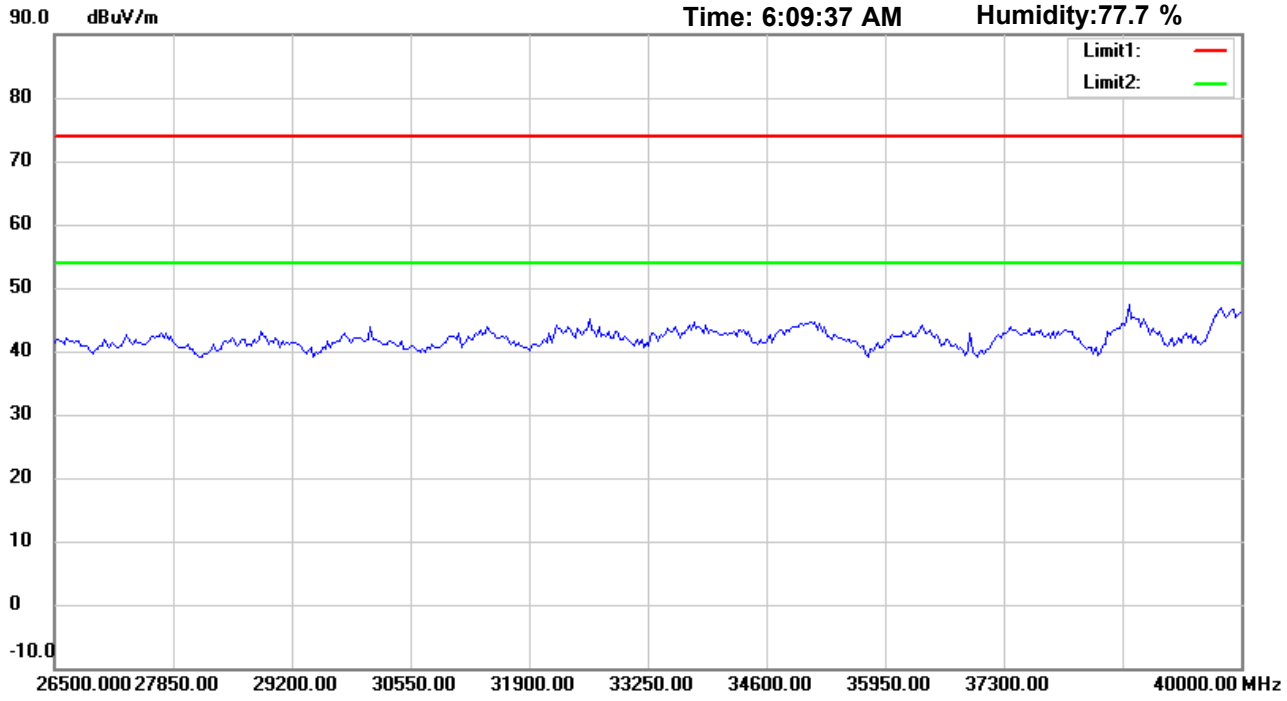
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 6:09:37 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

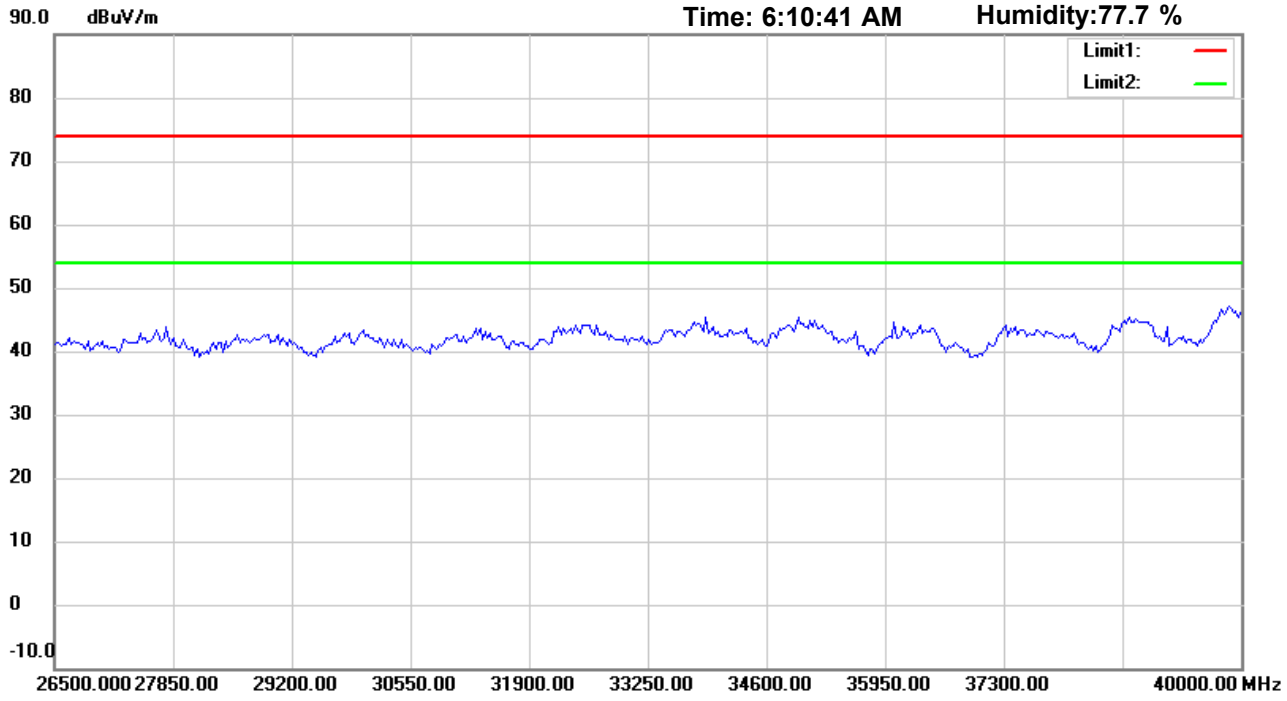
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 6:10:41 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n20 CH165

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

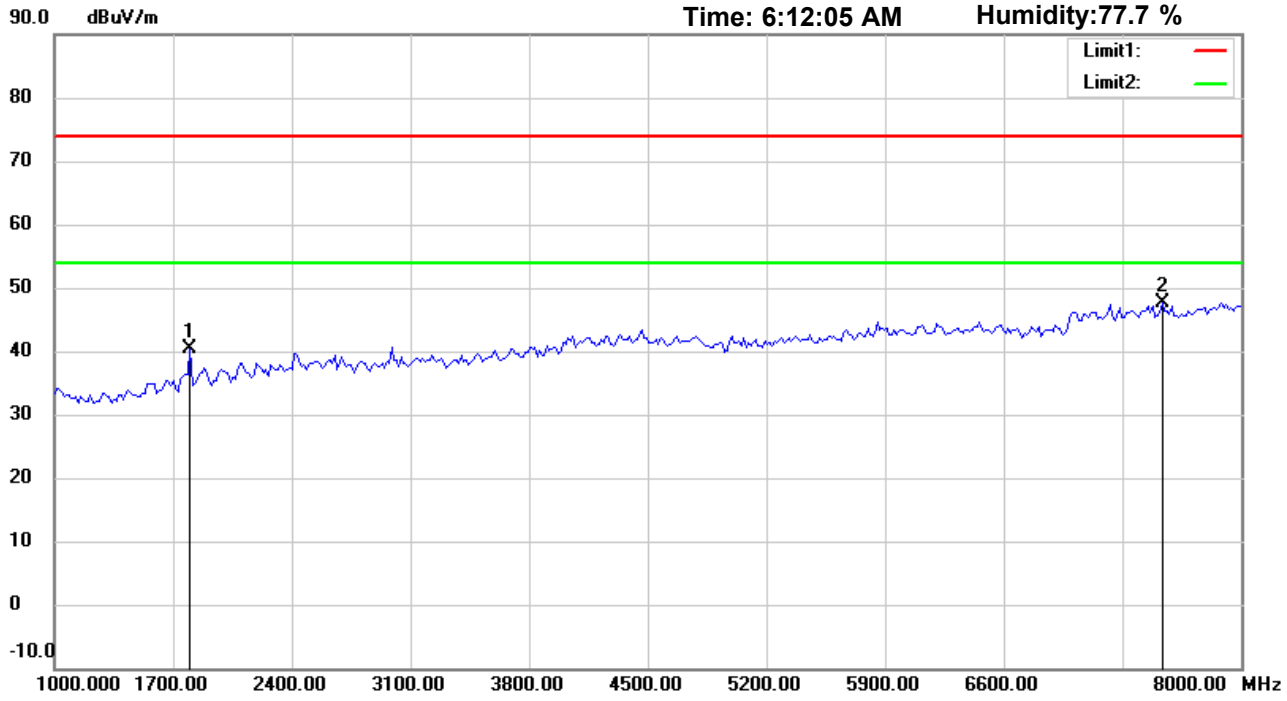
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 6:12:05 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	46.84	peak	-6.52	40.32	74.00	150	100	-33.68	
*	7537.074	41.72	peak	5.96	47.68	74.00	150	190	-26.32	

*:Maximum data x:Over limit !:over margin

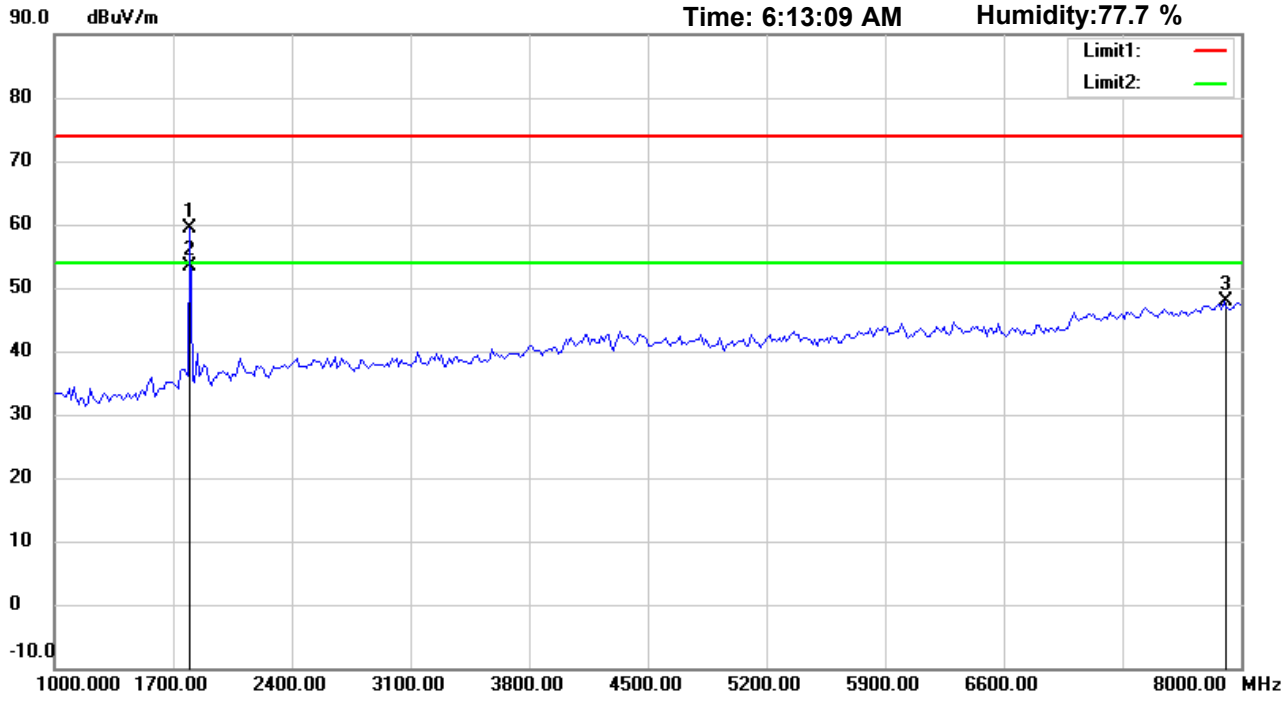
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 6:13:09 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH38

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	65.96	peak	-6.52	59.44	74.00	160	185	-14.56	
*	1799.599	59.92	AVG	-6.52	53.40	54.00	160	185	-0.60	
	7901.804	40.58	peak	7.19	47.77	74.00	150	360	-26.23	

*:Maximum data x:Over limit !:over margin

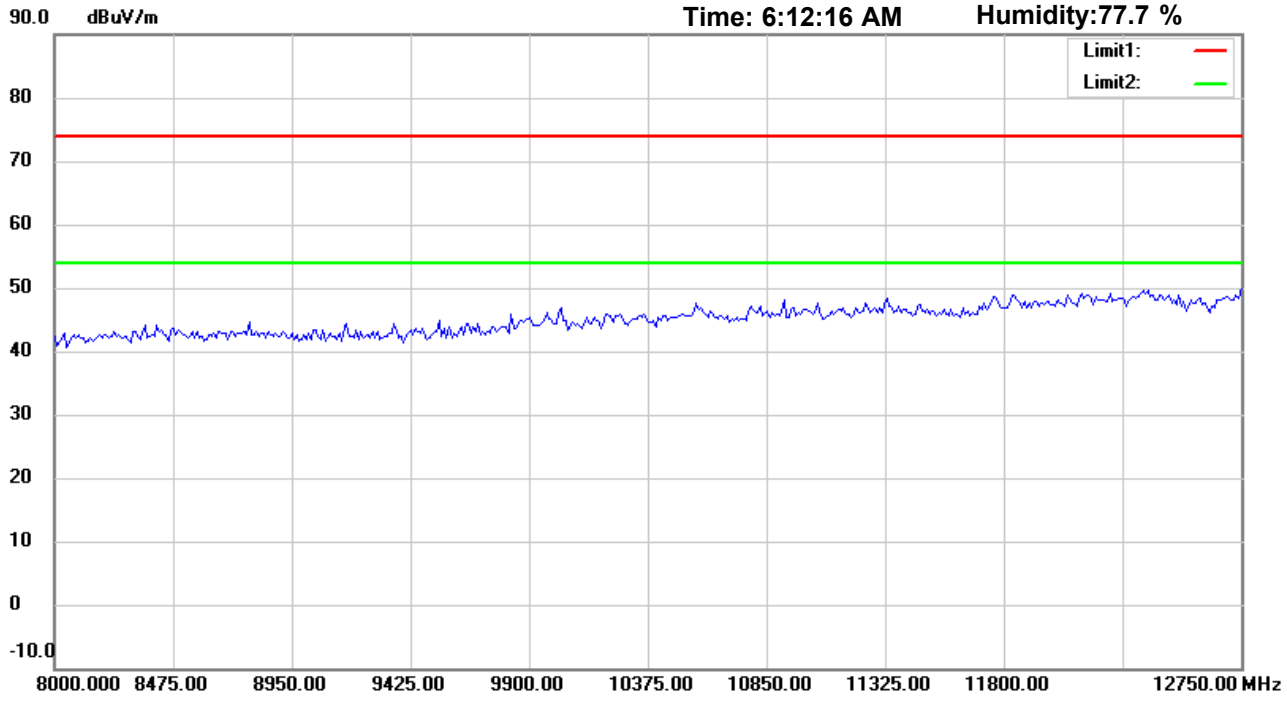
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 6:12:16 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH38

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

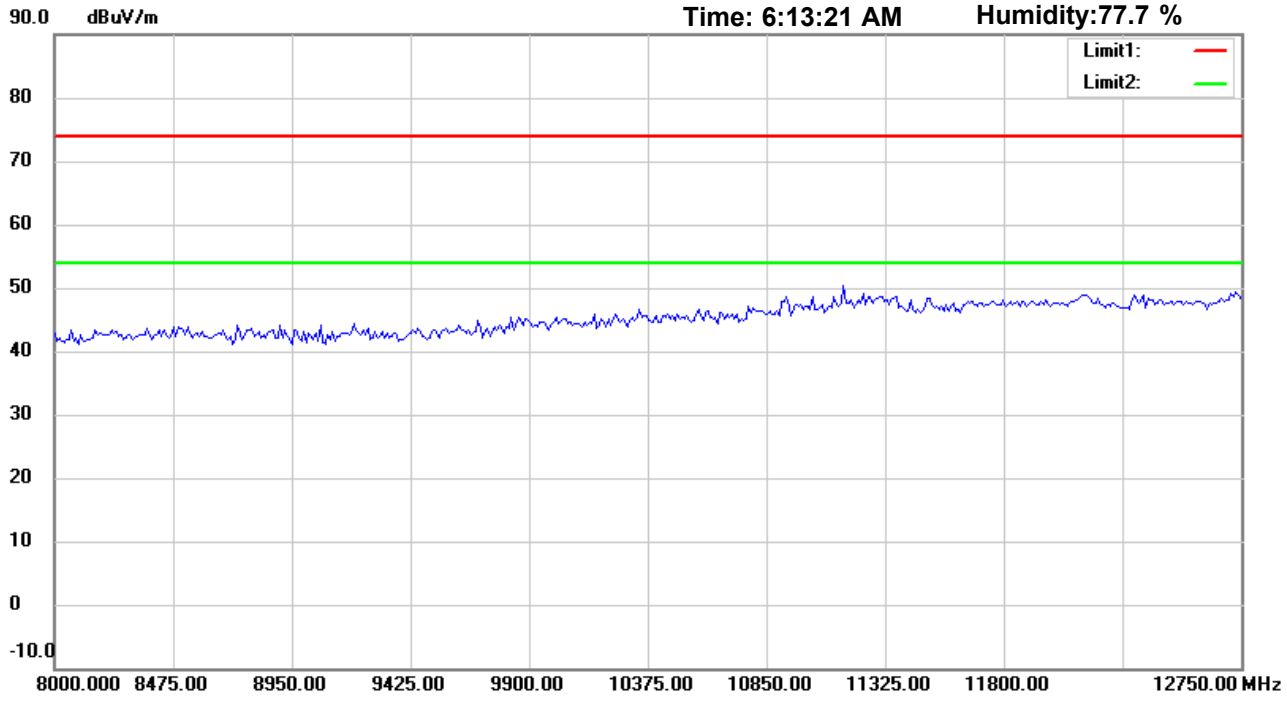
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 6:13:21 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH38

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

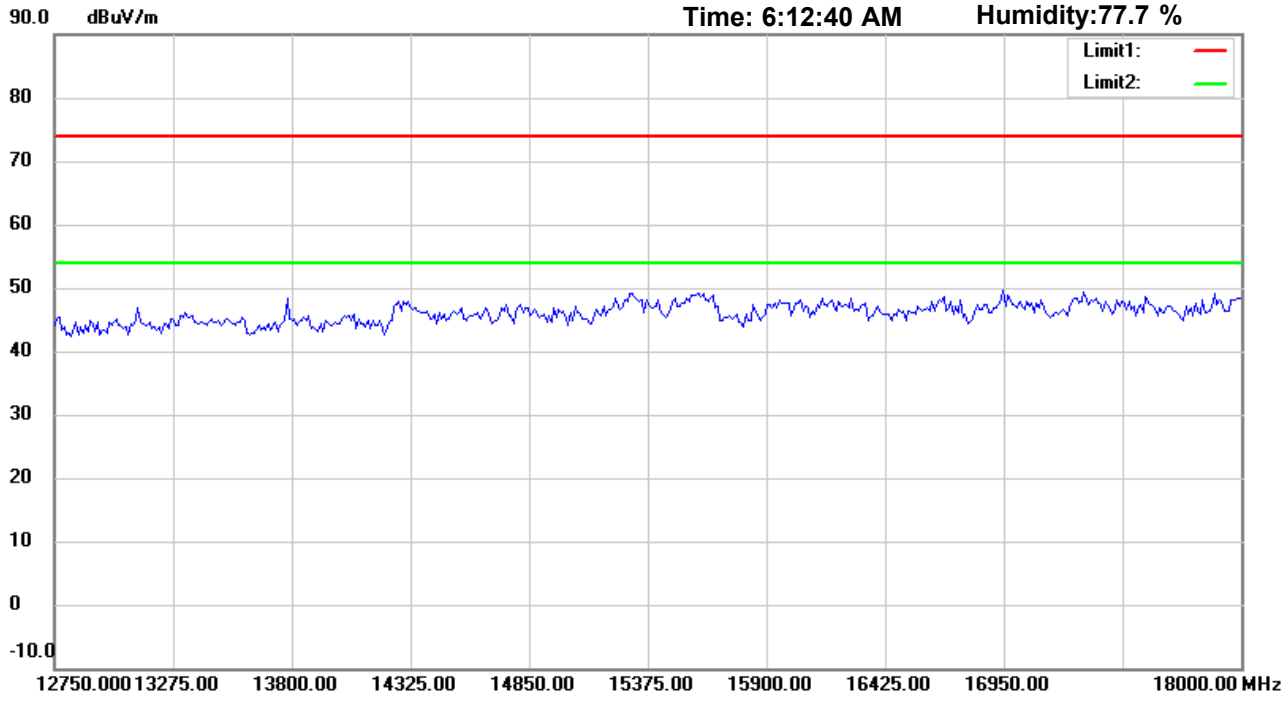
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 6:12:40 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH38

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

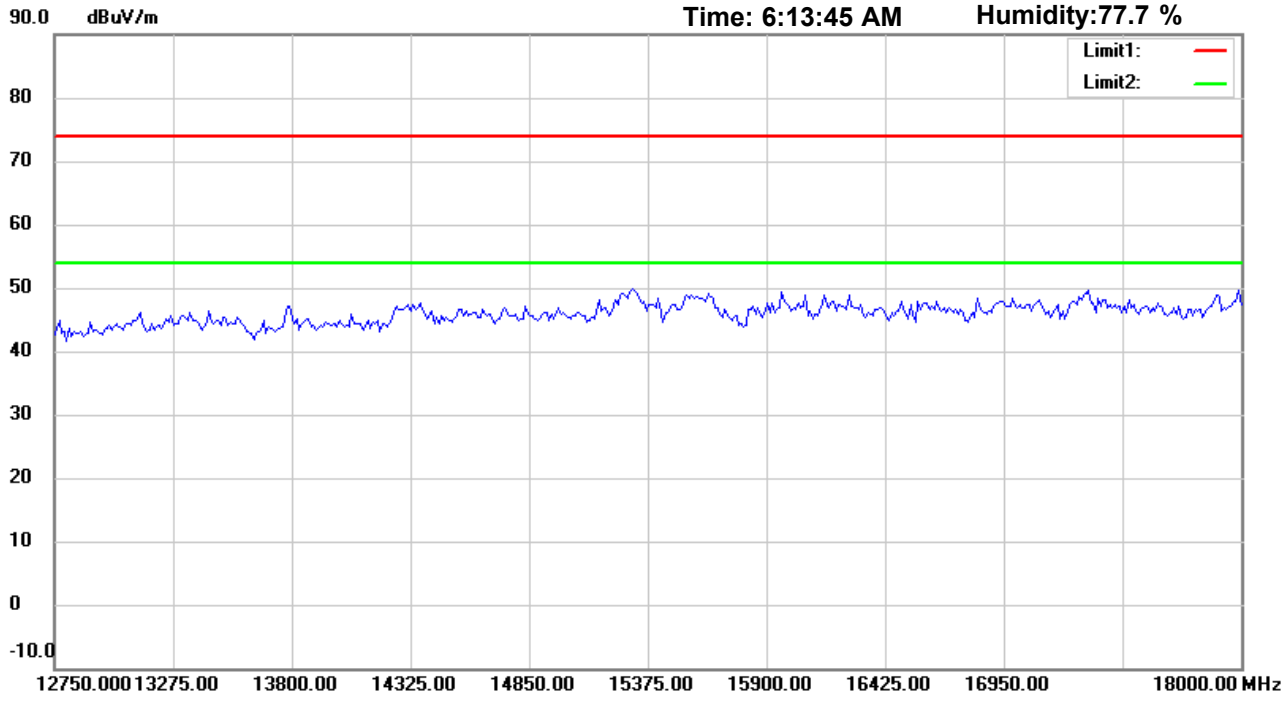
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 6:13:45 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH38

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

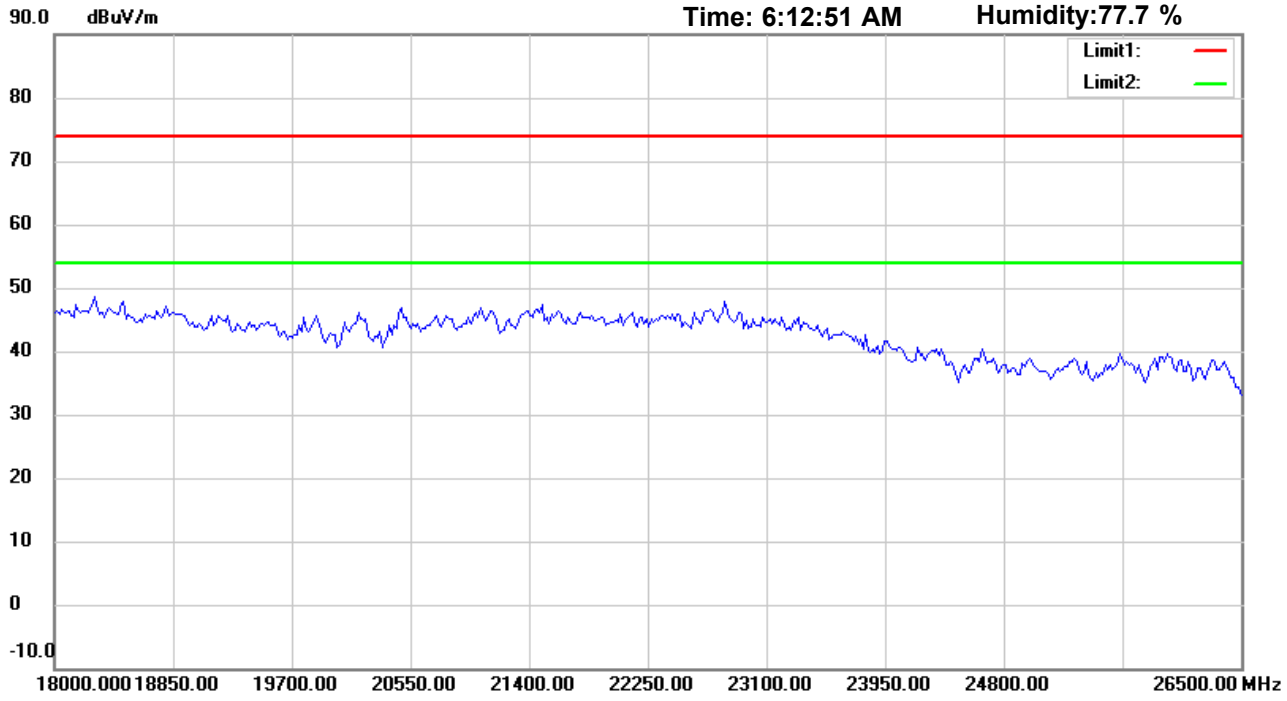
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 6:12:51 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

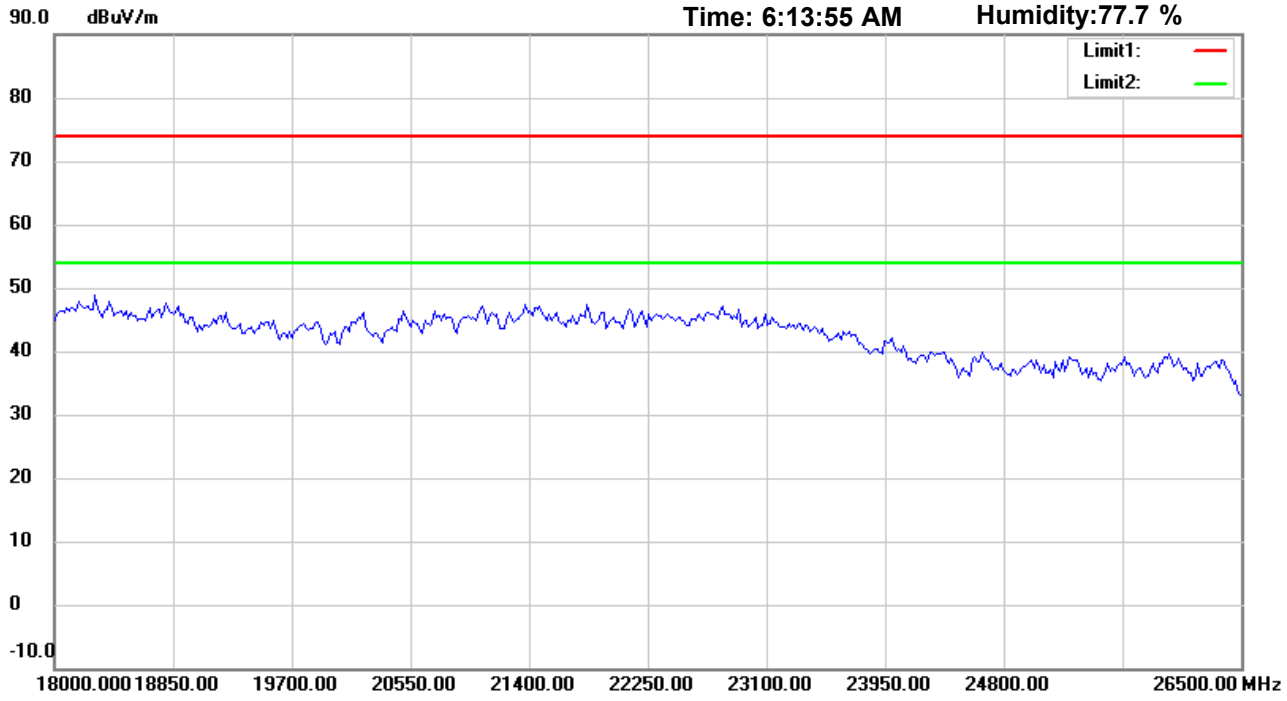
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 6:13:55 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH38

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

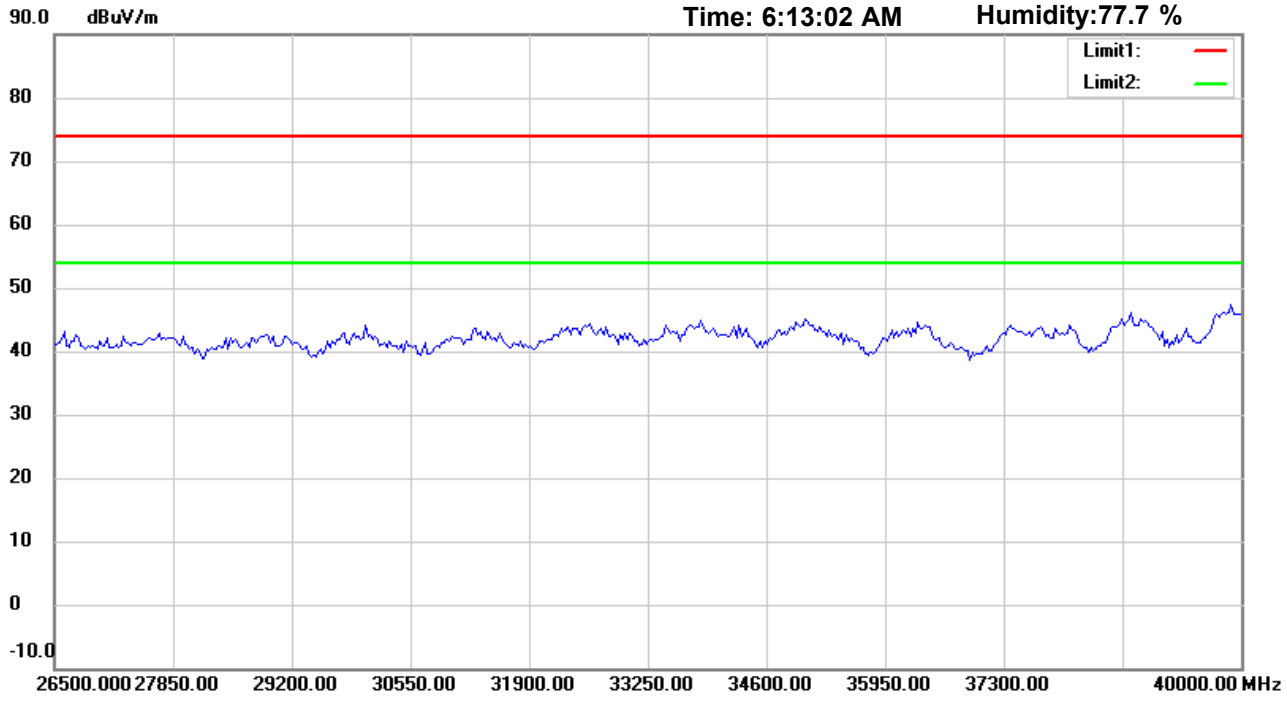
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 6:13:02 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH38

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

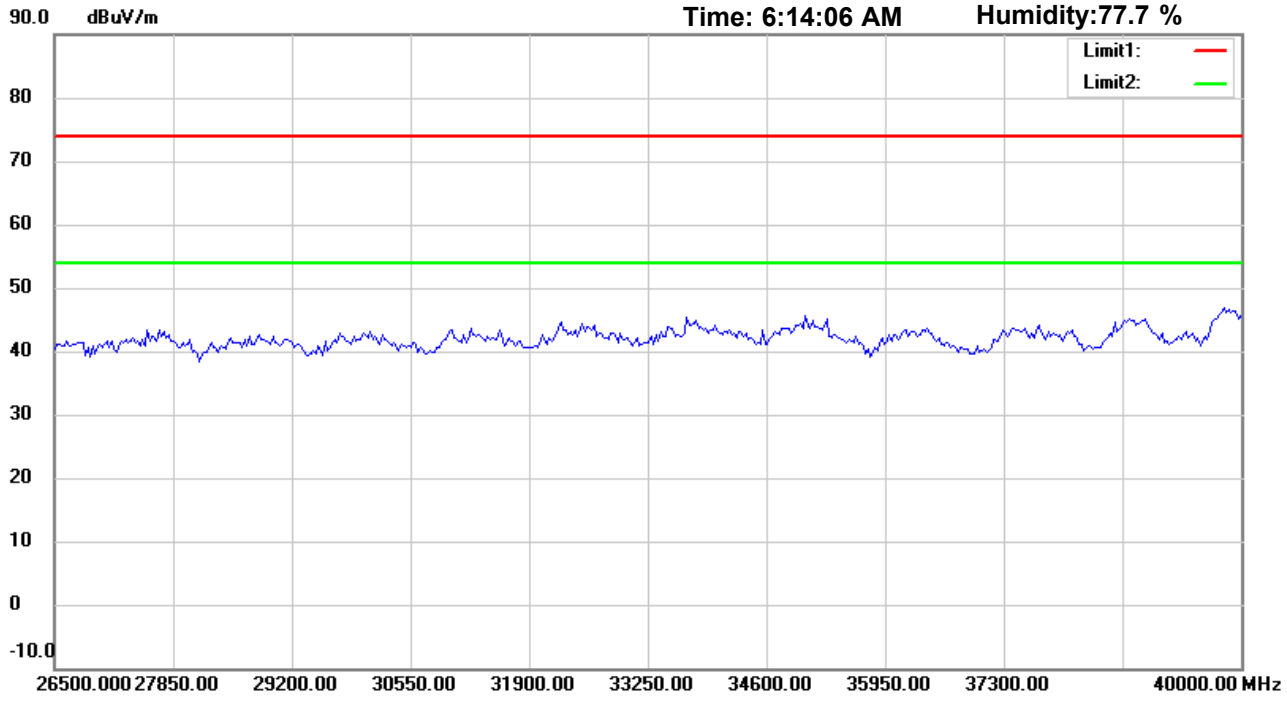
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 6:14:06 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH38

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

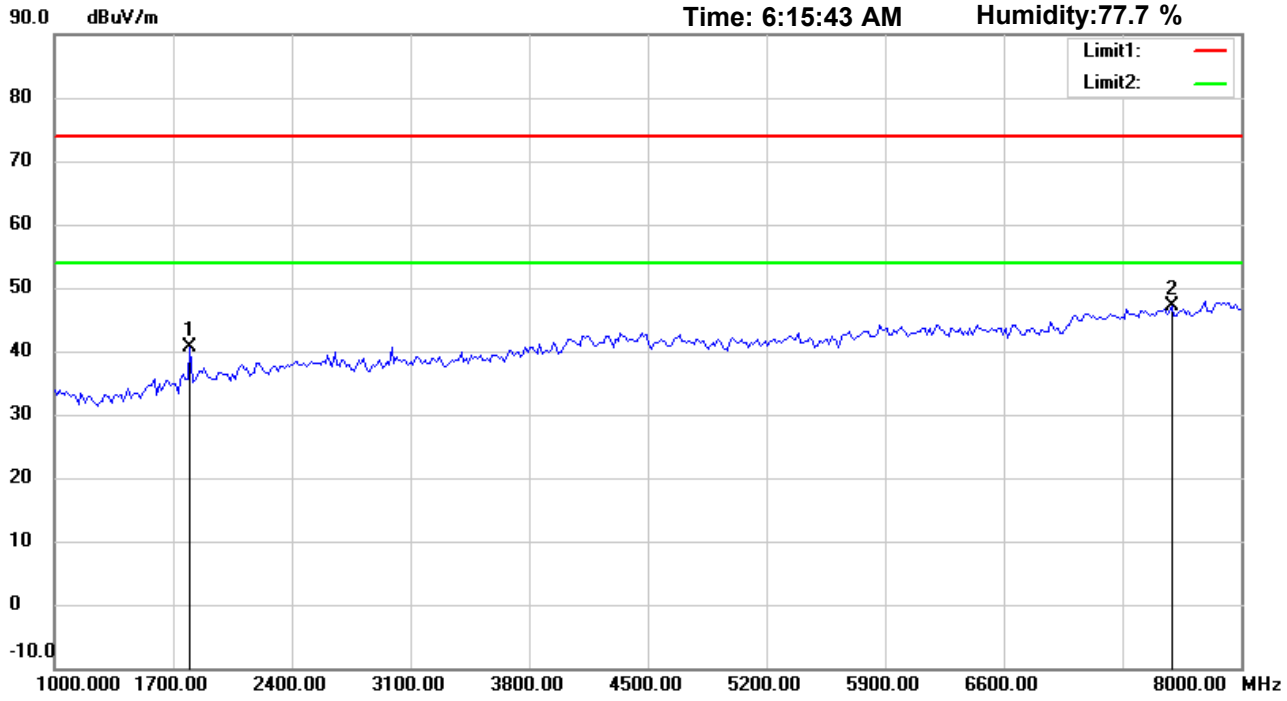
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 6:15:43 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	47.15	peak	-6.52	40.63	74.00	150	150	-33.37	
*	7593.186	40.95	peak	6.08	47.03	74.00	150	65	-26.97	

*:Maximum data x:Over limit !:over margin

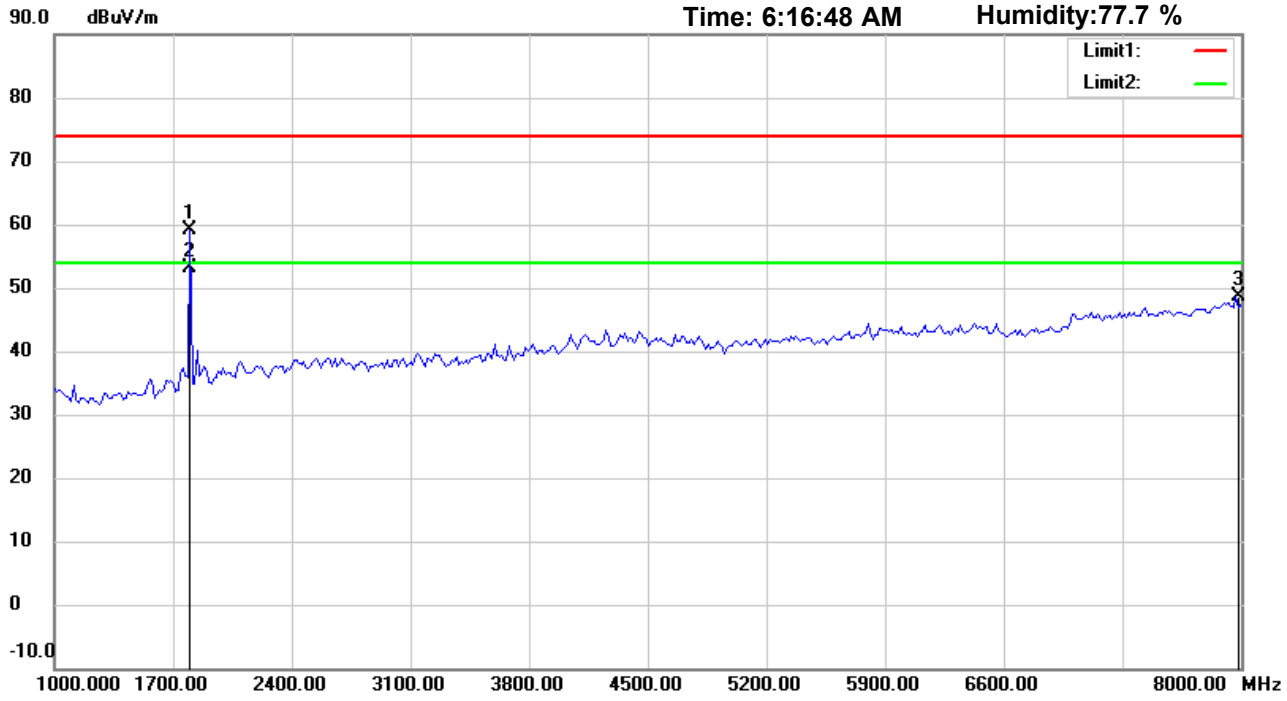
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 6:16:48 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH46

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	65.75	peak	-6.52	59.23	74.00	150	210	-14.77	
*	1799.599	59.61	AVG	-6.52	53.09	54.00	150	210	-0.91	
	7971.944	41.53	peak	7.00	48.53	74.00	150	45	-25.47	

*:Maximum data x:Over limit !:over margin

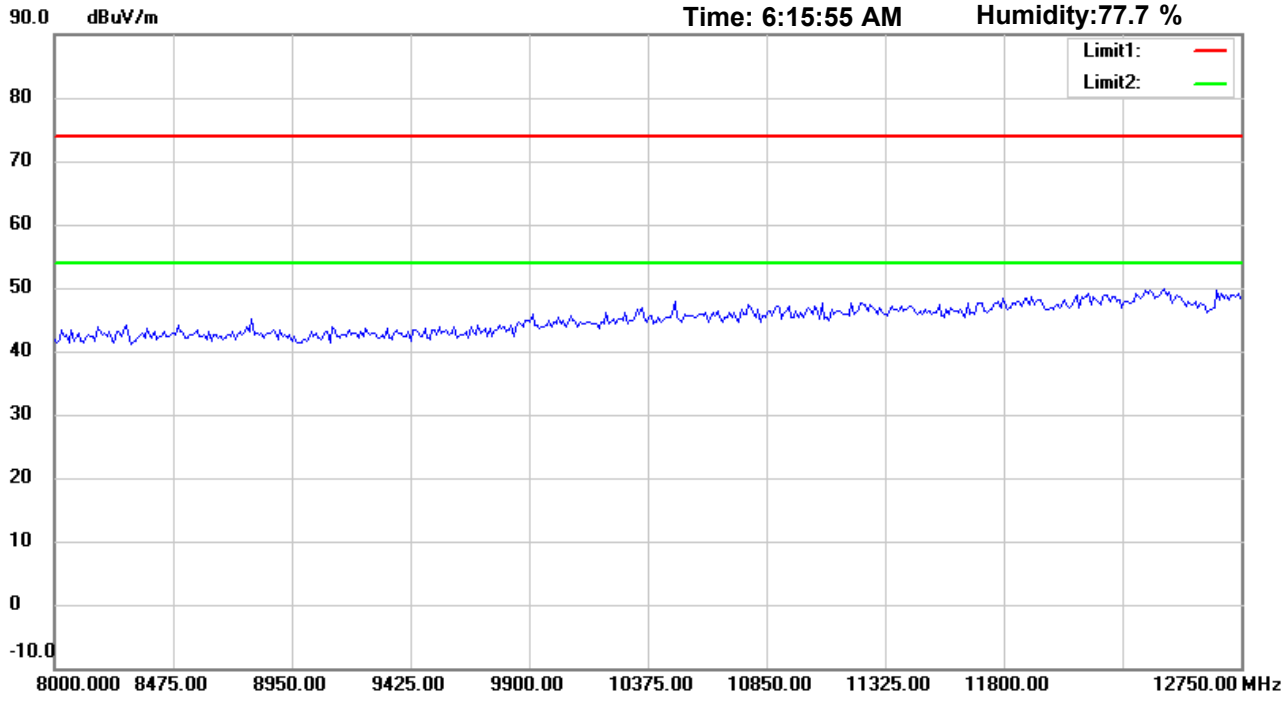
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 6:15:55 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

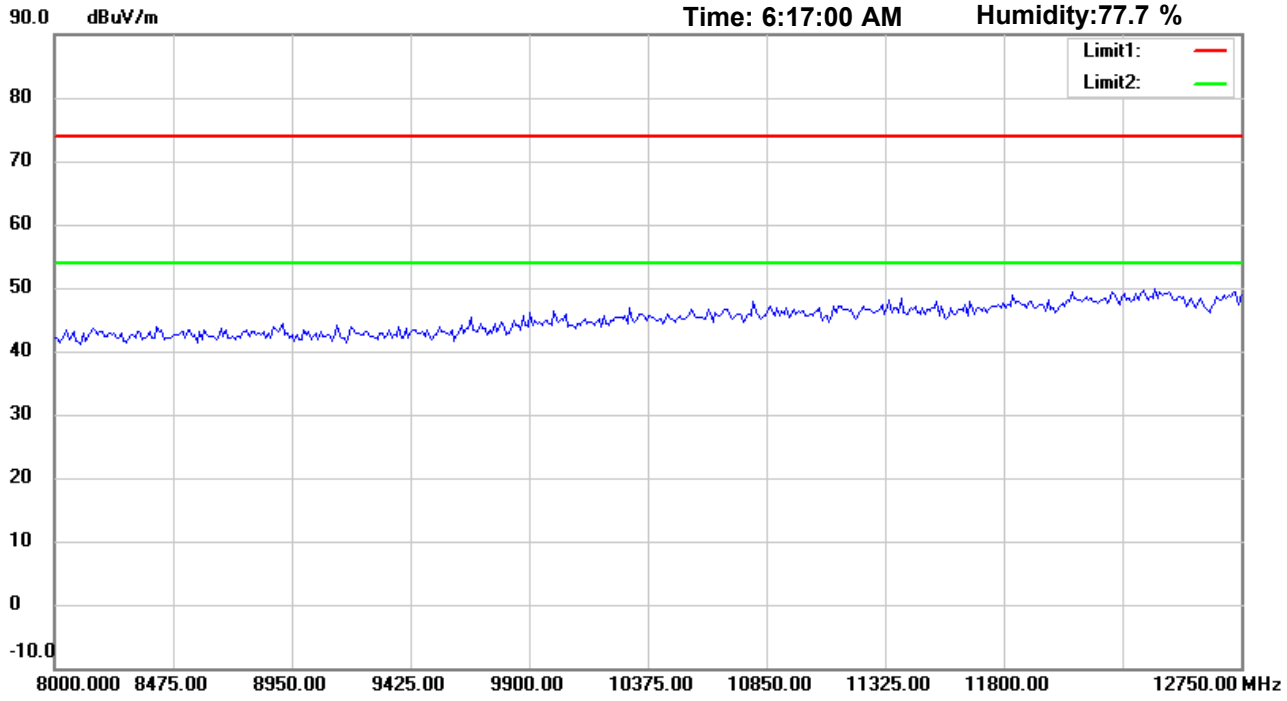
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 6:17:00 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH46

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

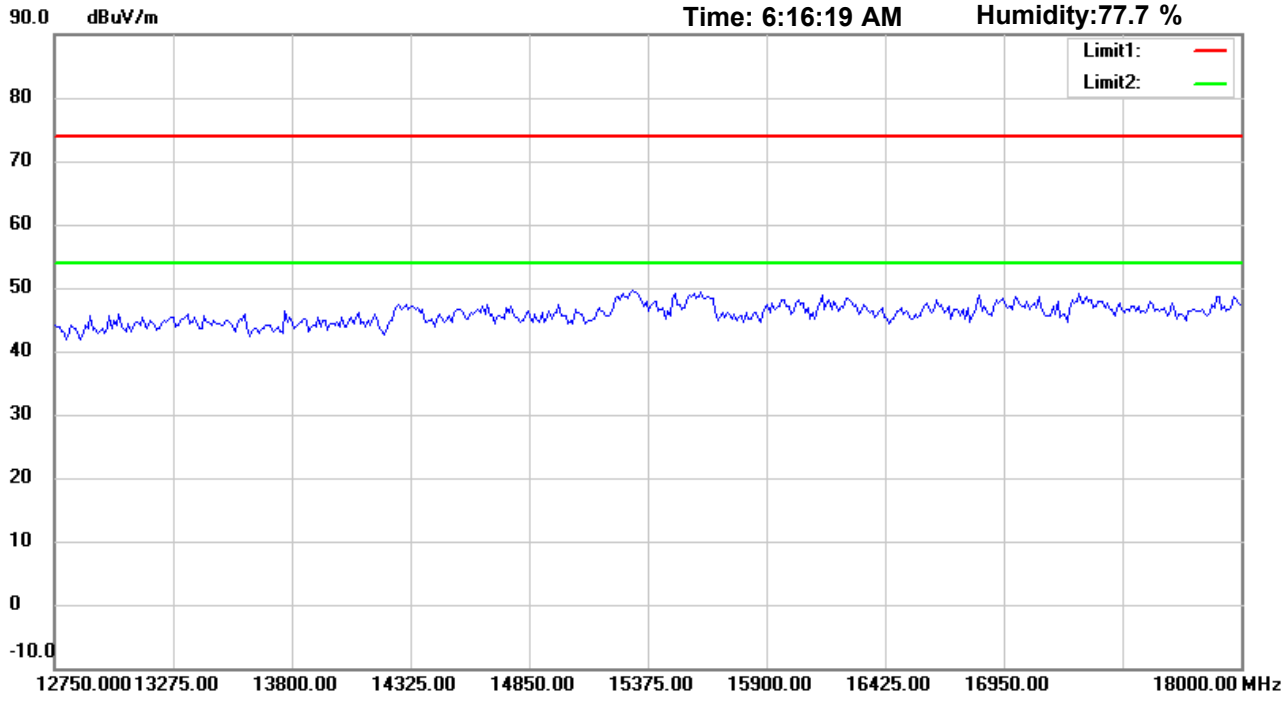
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 6:16:19 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH46

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

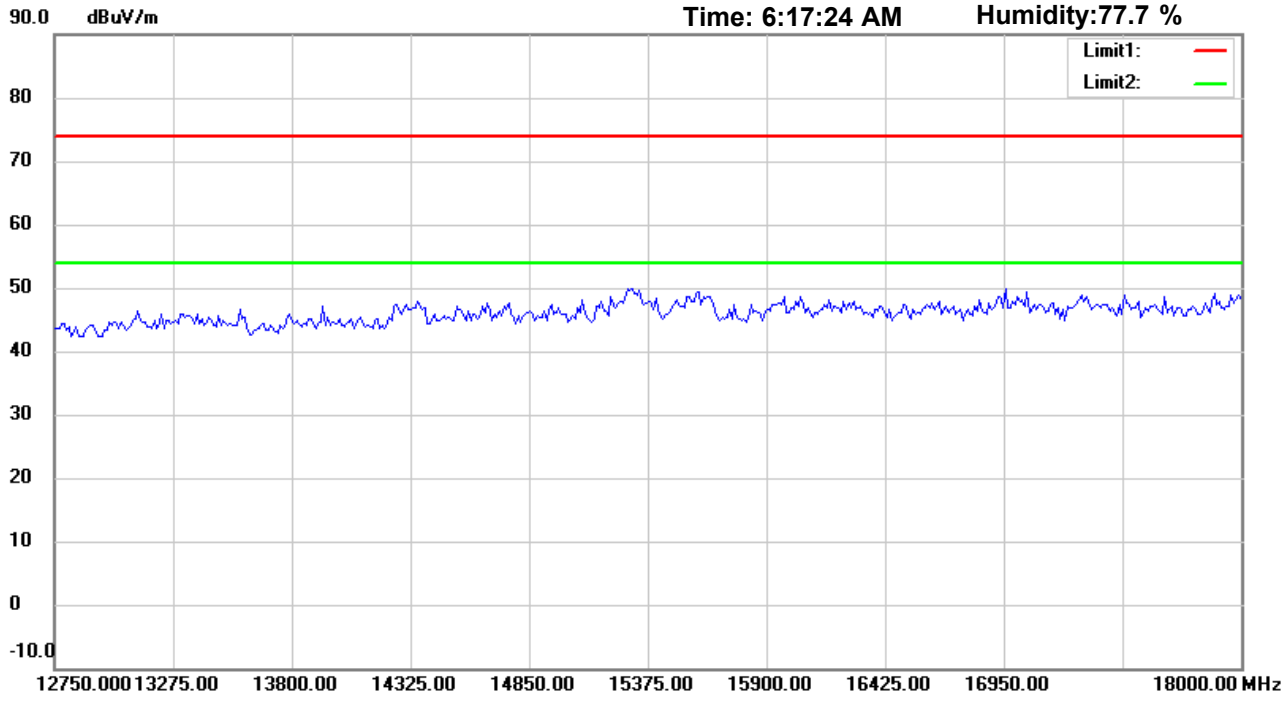
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 6:17:24 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH46

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

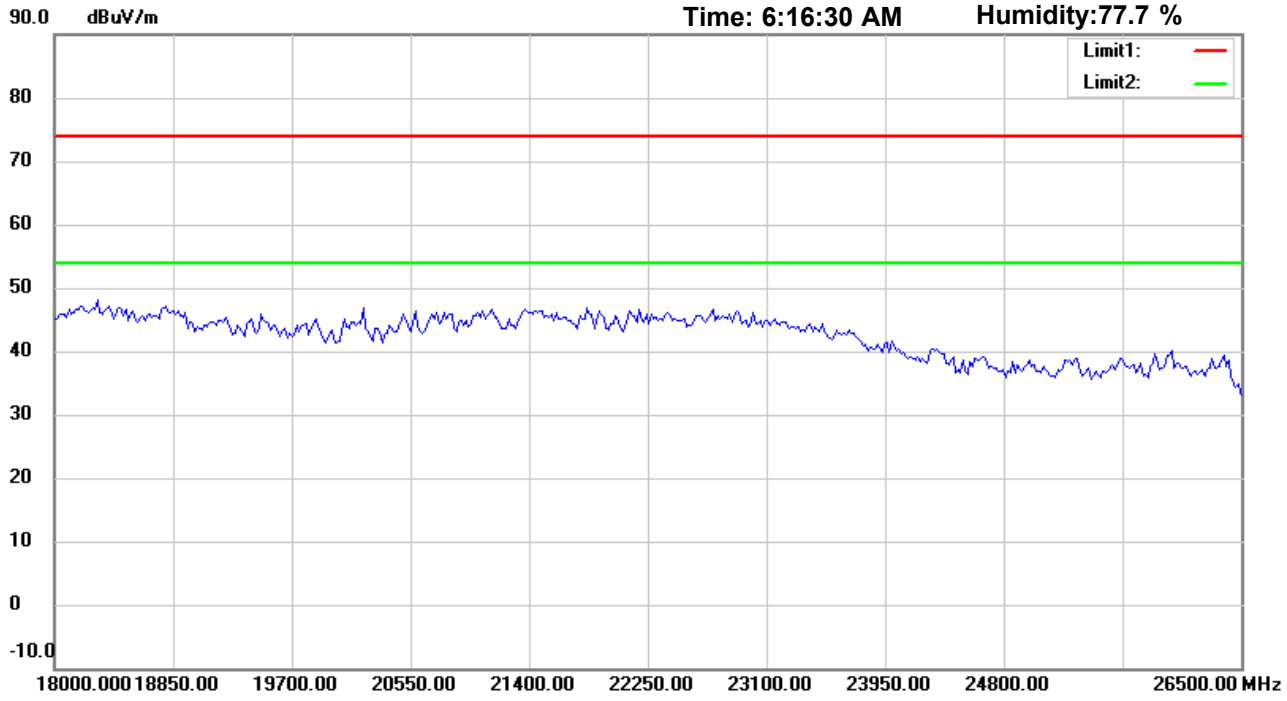
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 6:16:30 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

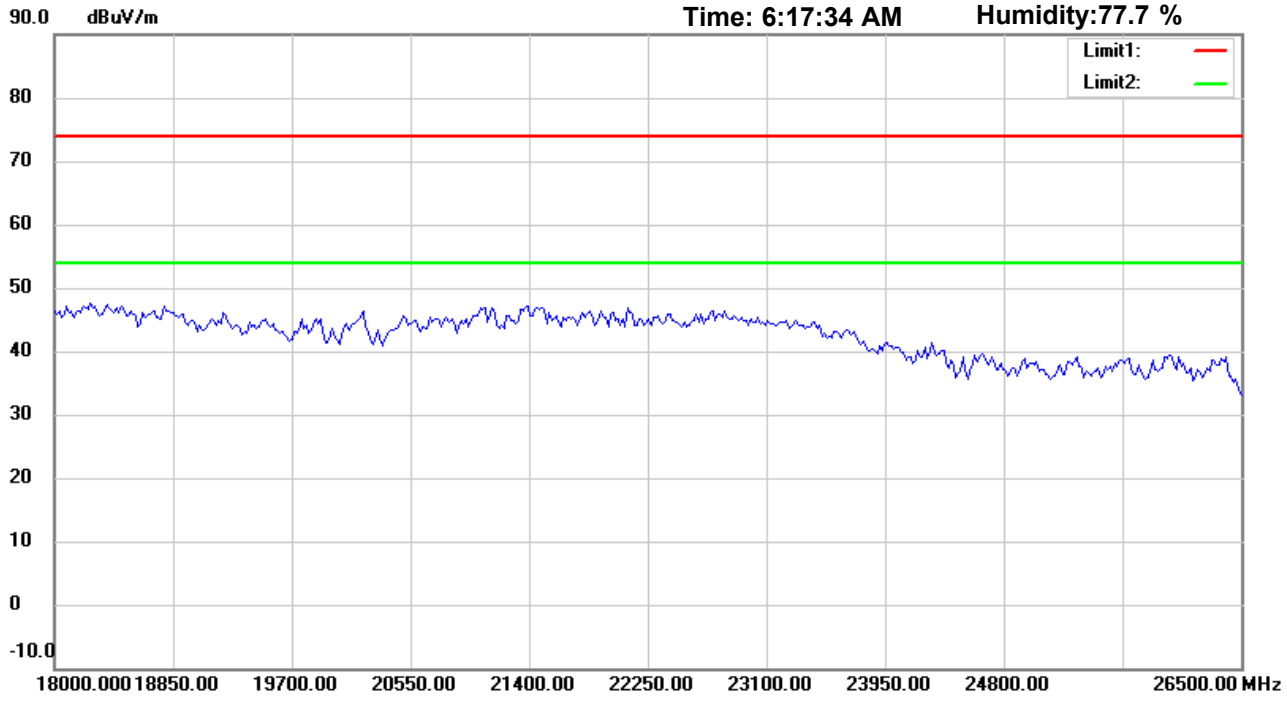
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 6:17:34 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH46

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

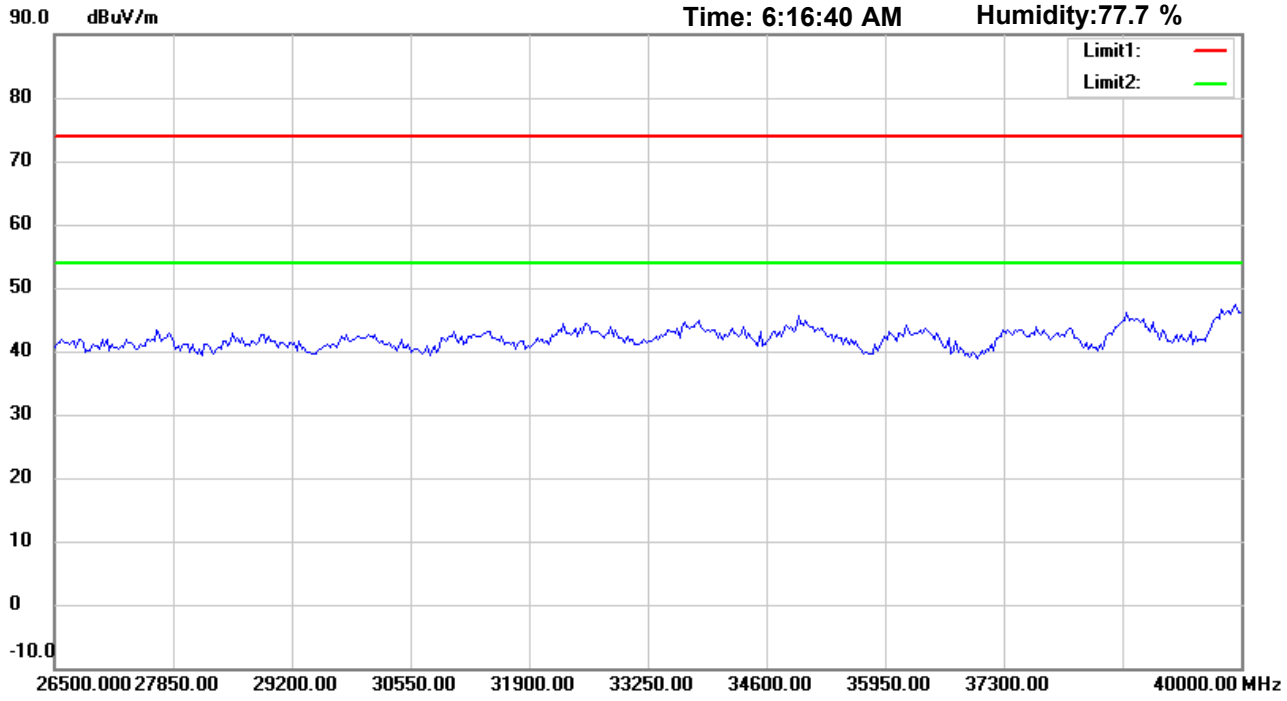
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 6:16:40 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH46

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

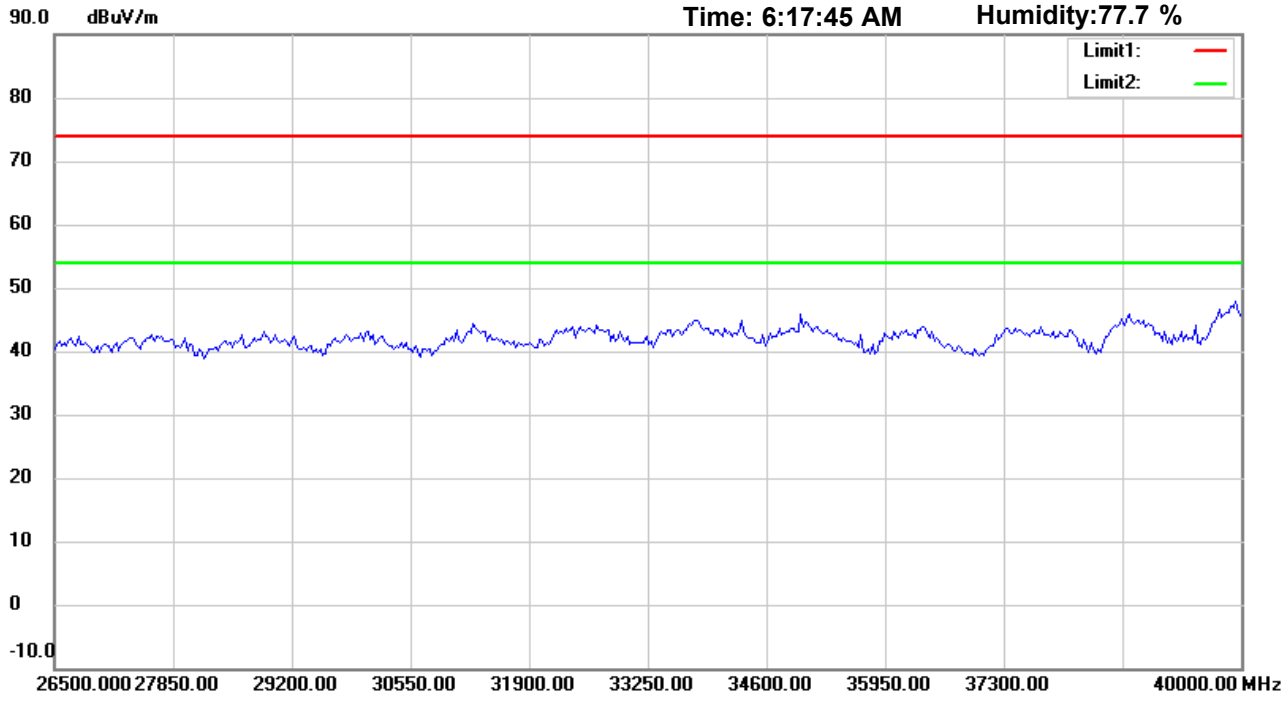
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 6:17:45 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH46

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

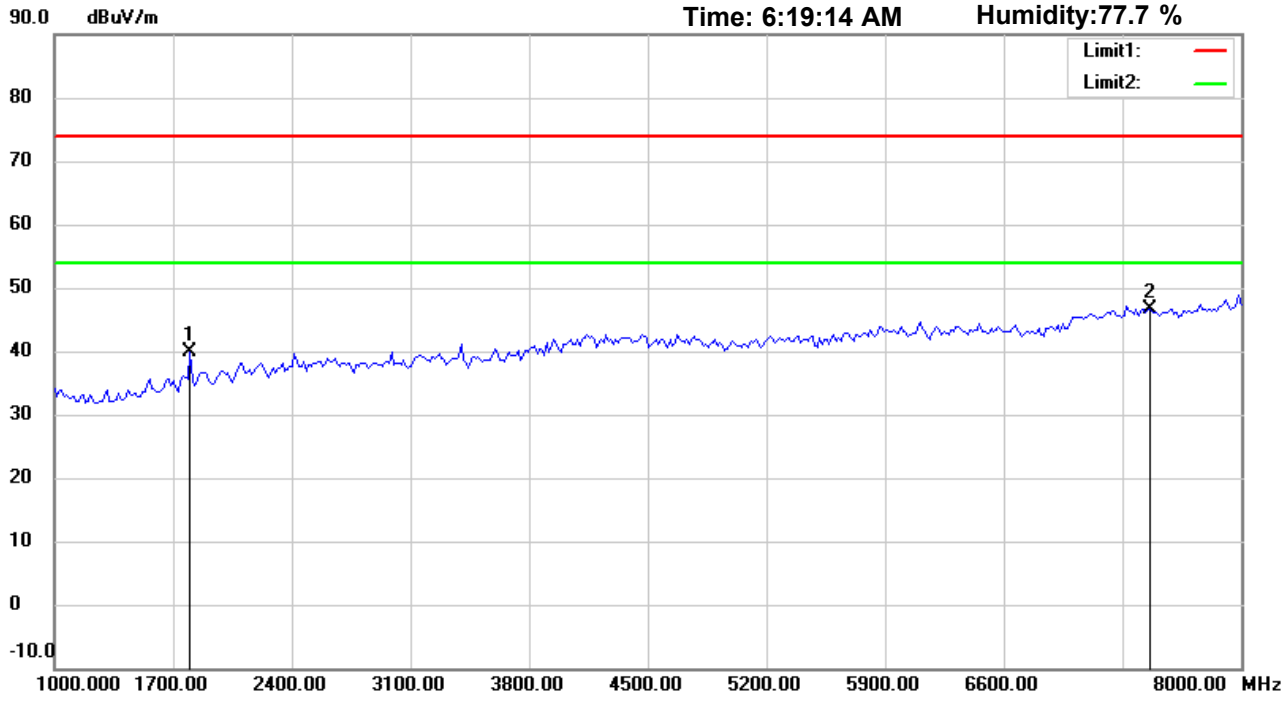
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 6:19:14 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	46.46	peak	-6.52	39.94	74.00	150	110	-34.06	
*	7452.906	40.60	peak	5.97	46.57	74.00	150	0	-27.43	

*:Maximum data x:Over limit !:over margin

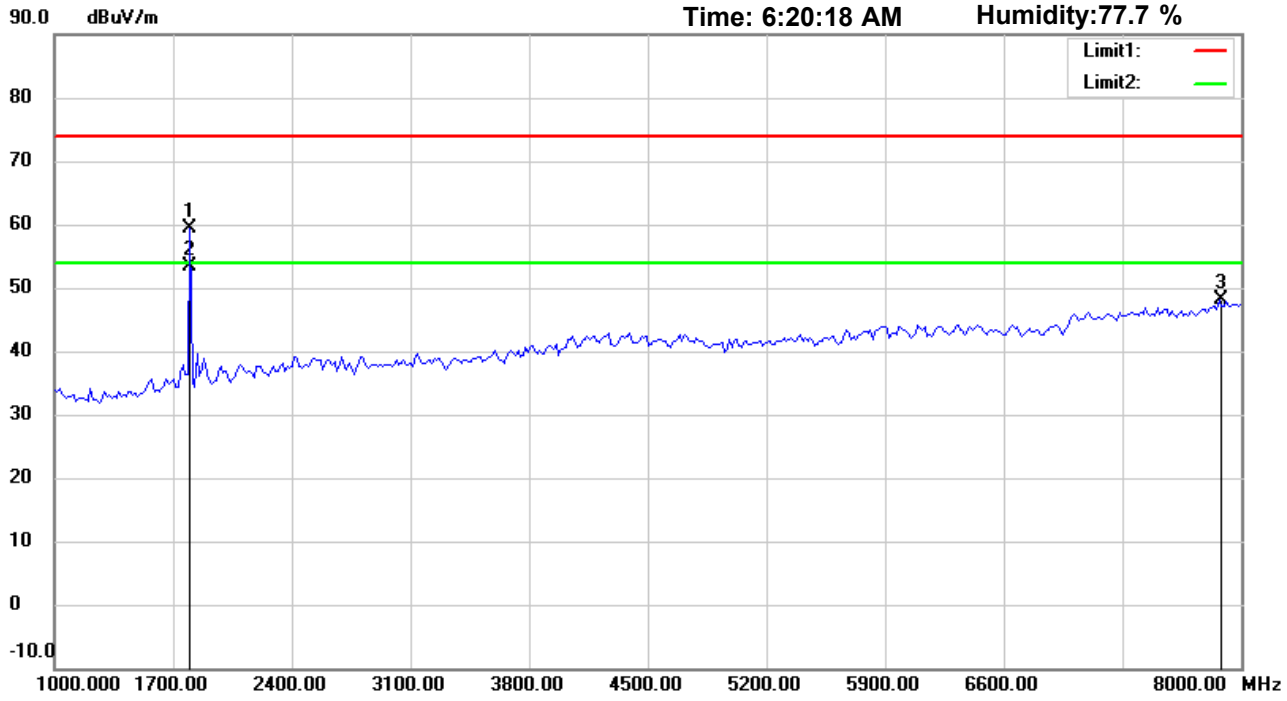
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 6:20:18 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH151

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	65.98	peak	-6.52	59.46	74.00	165	360	-14.54	
*	1799.599	59.80	AVG	-6.52	53.28	54.00	165	360	-0.72	
	7873.748	41.16	peak	6.97	48.13	74.00	150	55	-25.87	

*:Maximum data x:Over limit !:over margin

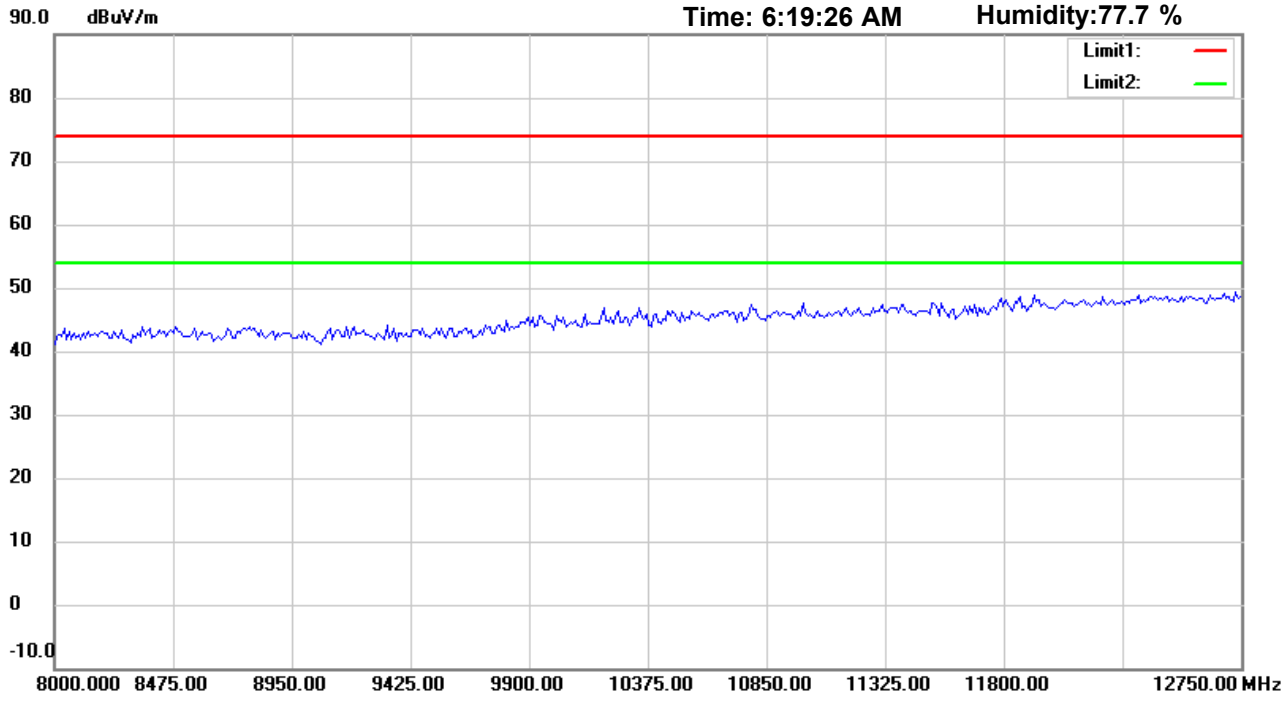
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 6:19:26 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH151

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

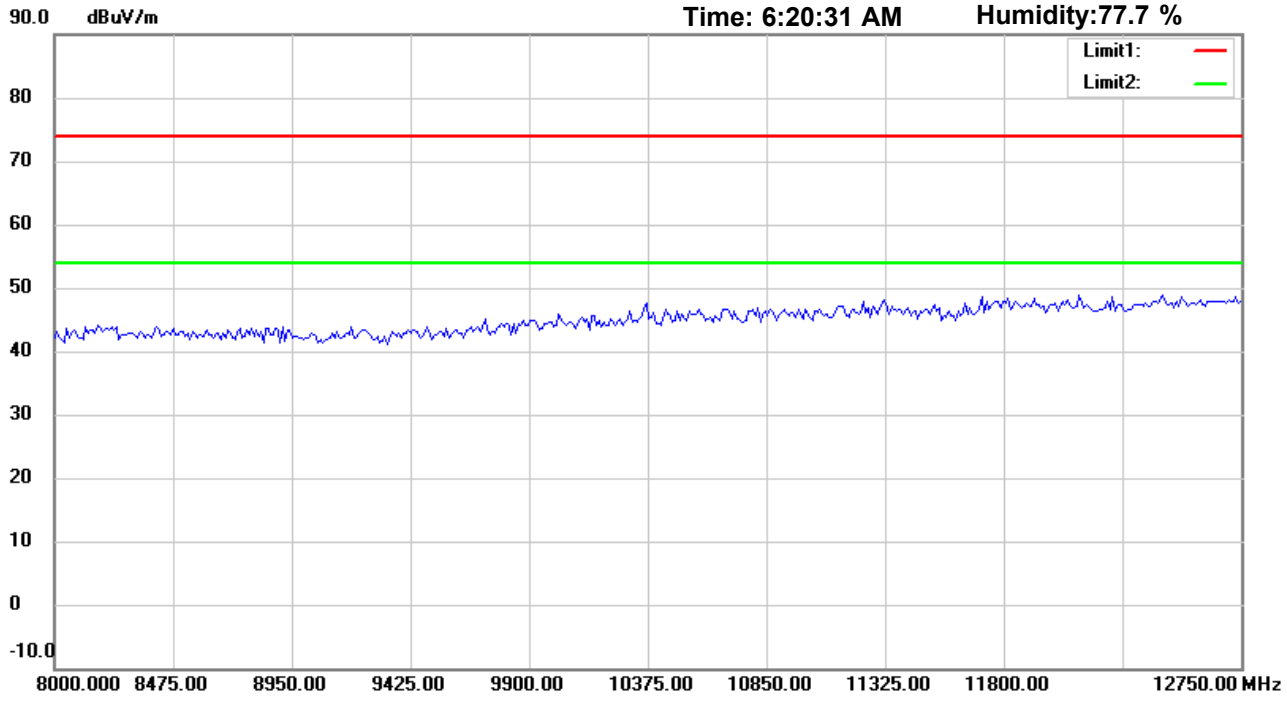
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 6:20:31 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH151

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

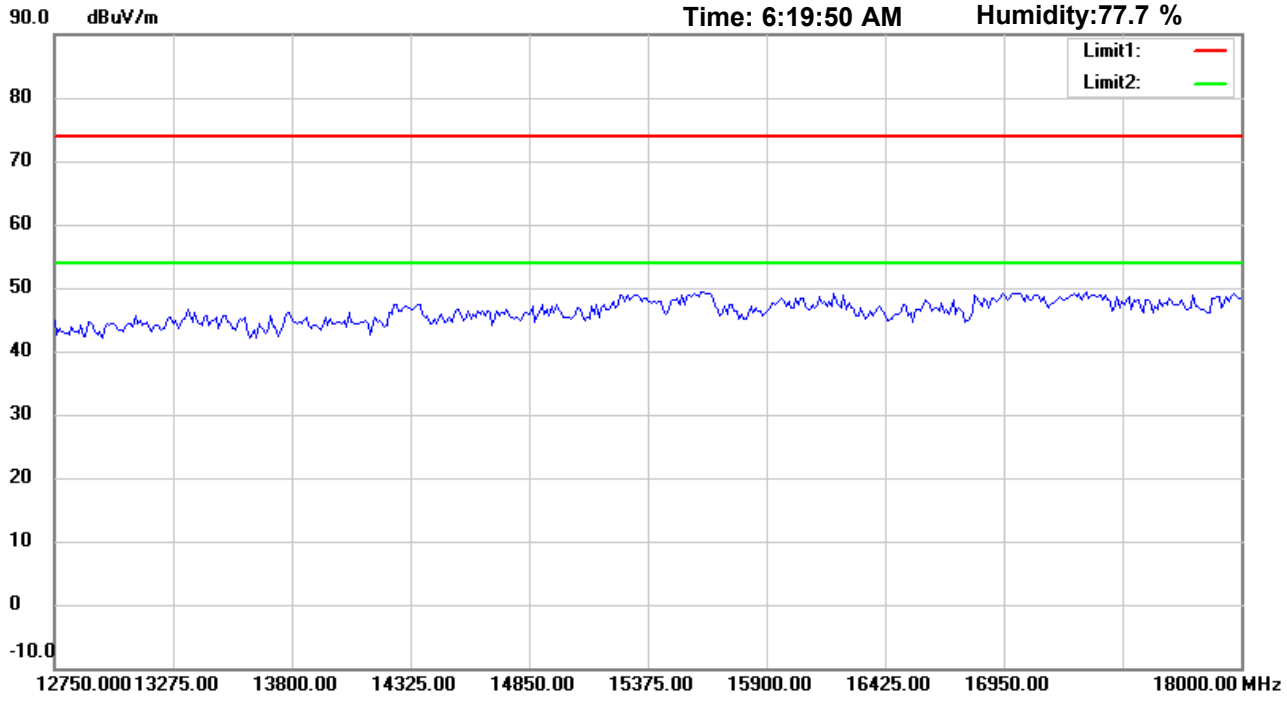
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 6:19:50 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH151

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

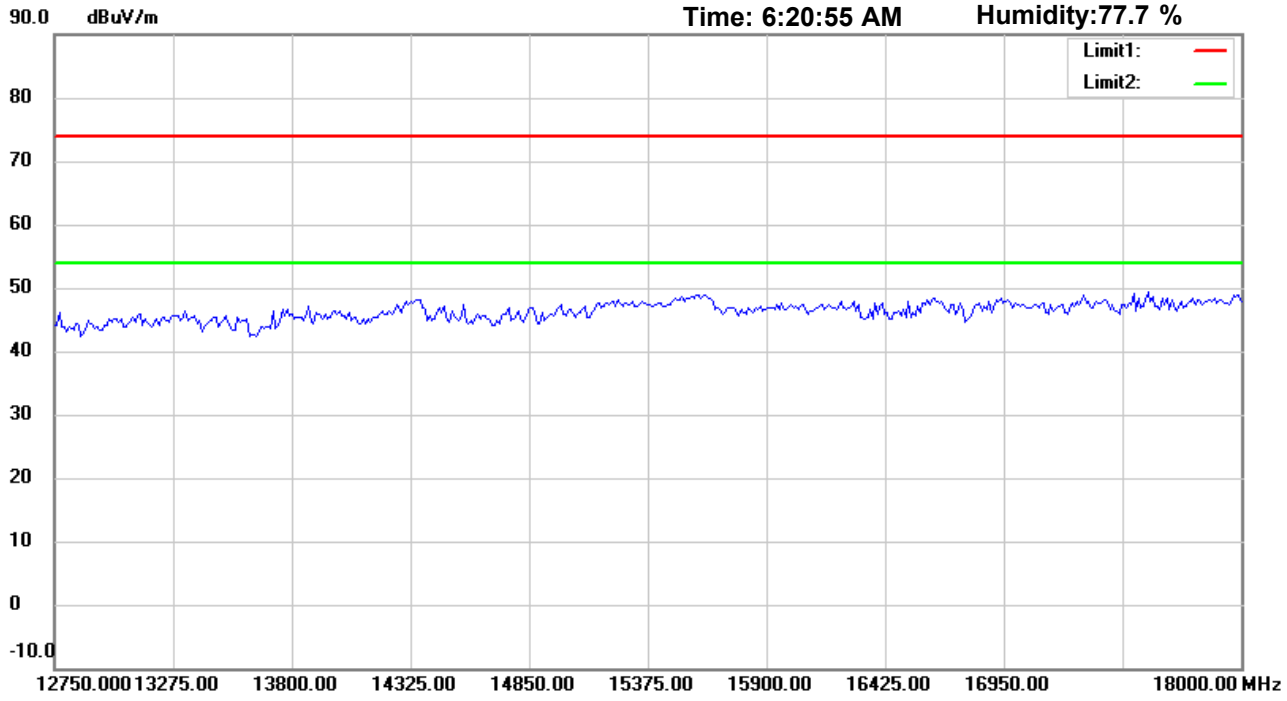
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 6:20:55 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH151

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

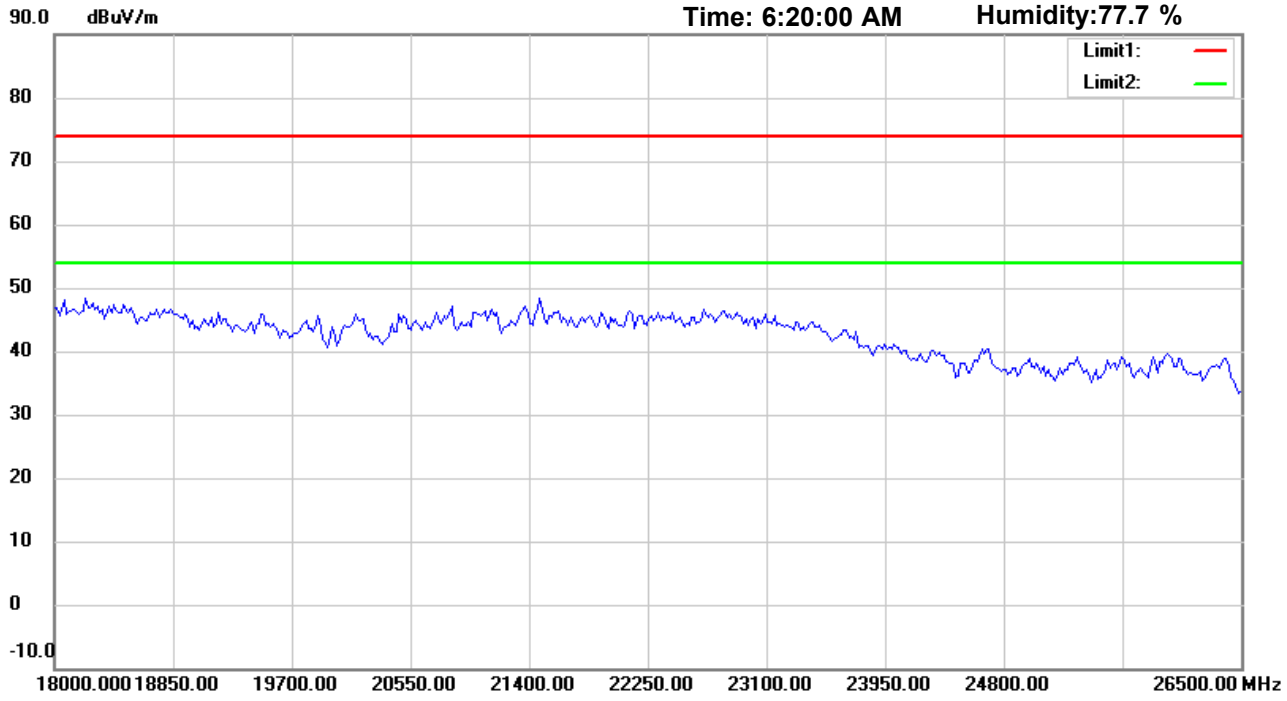
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 6:20:00 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH151

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

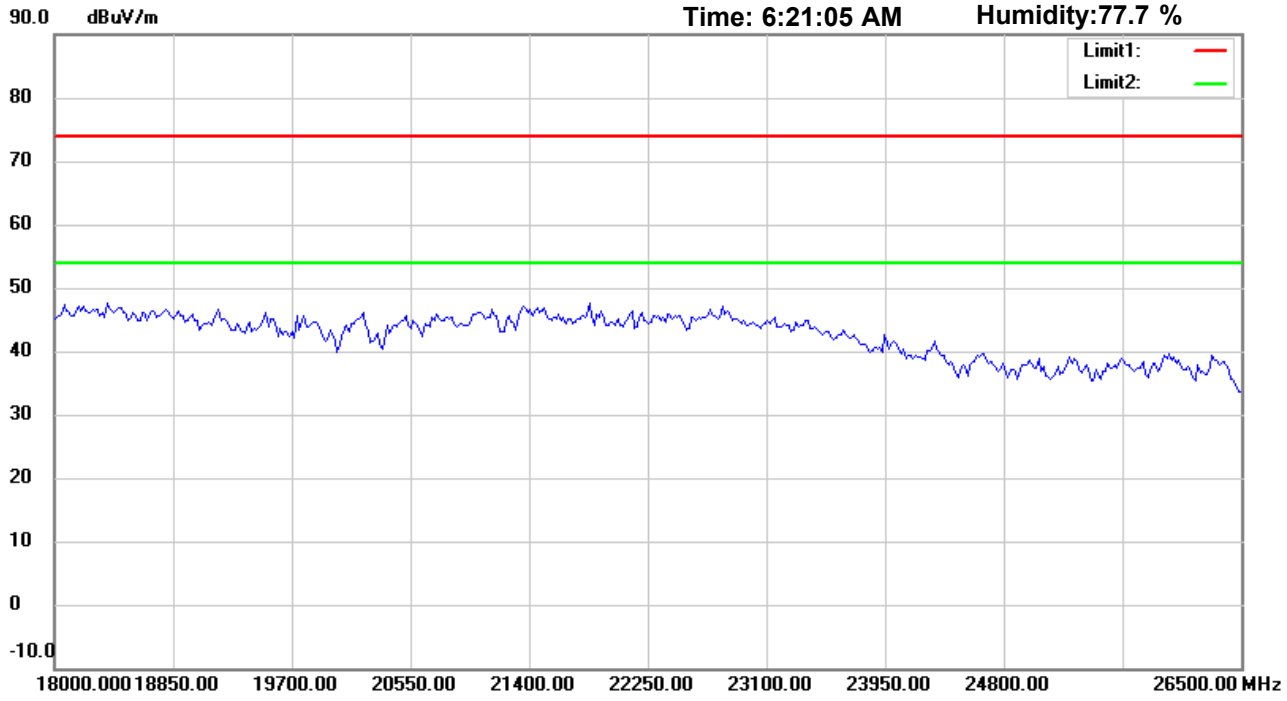
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 6:21:05 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH151

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

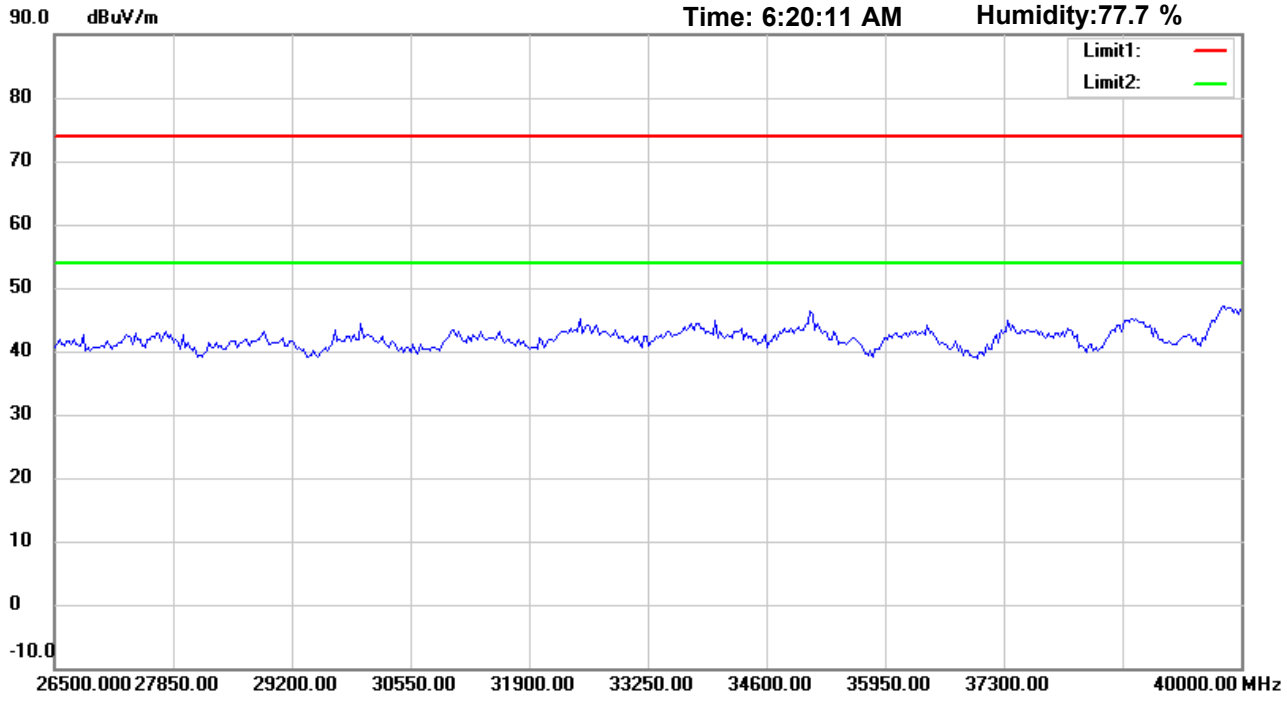
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 6:20:11 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH151

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

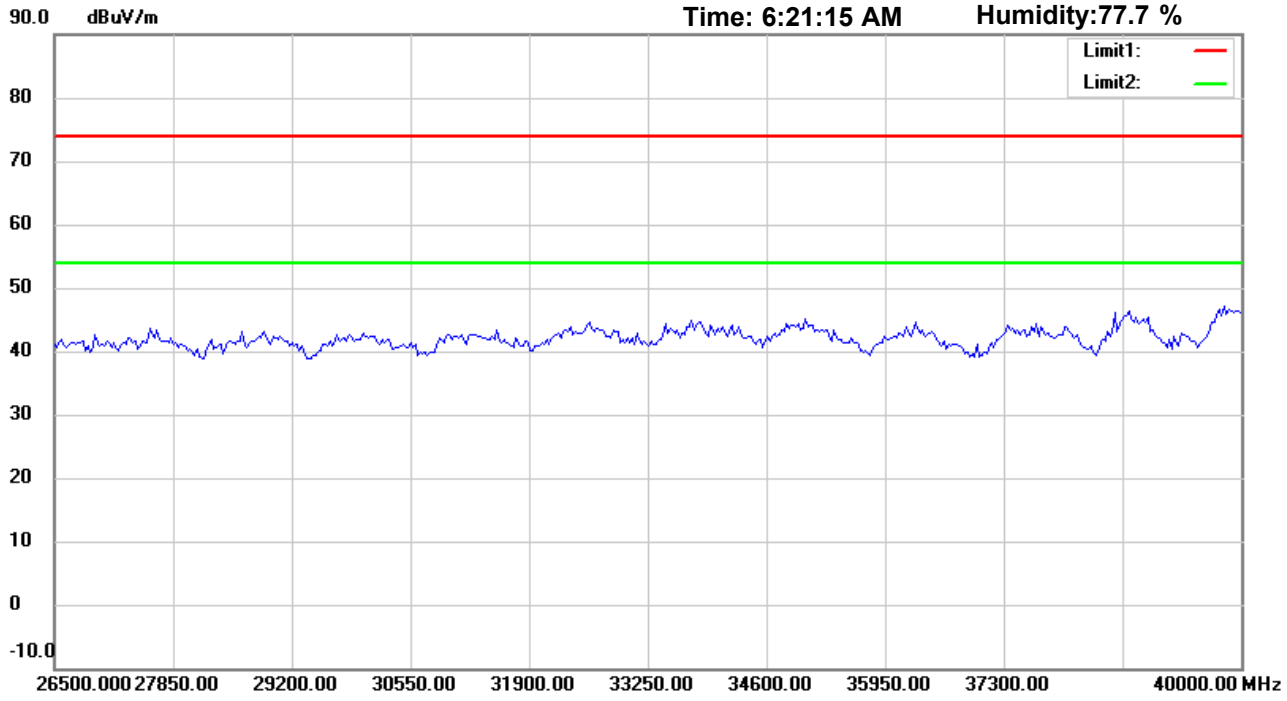
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 6:21:15 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH151

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

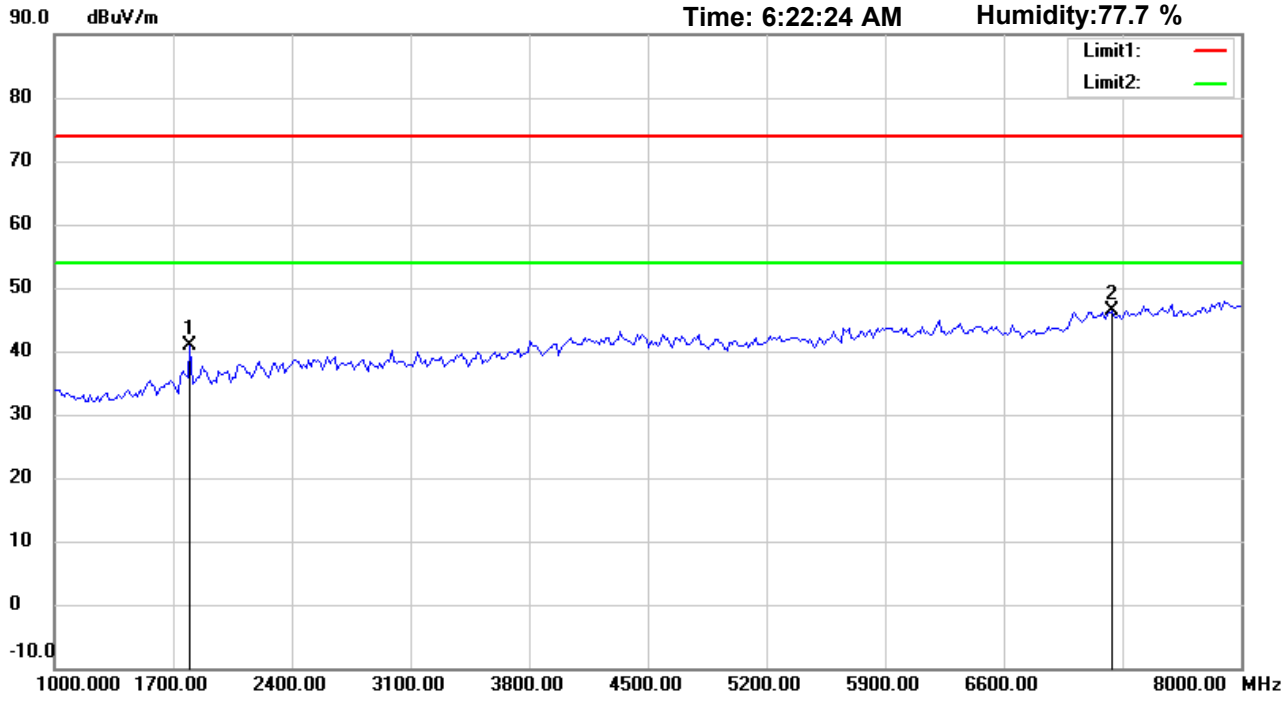
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#1 Date: 12/14/2018 Time: 6:22:24 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH159

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	47.31	peak	-6.52	40.79	74.00	150	115	-33.21	
*	7242.485	40.84	peak	5.43	46.27	74.00	150	90	-27.73	

*:Maximum data x:Over limit !:over margin

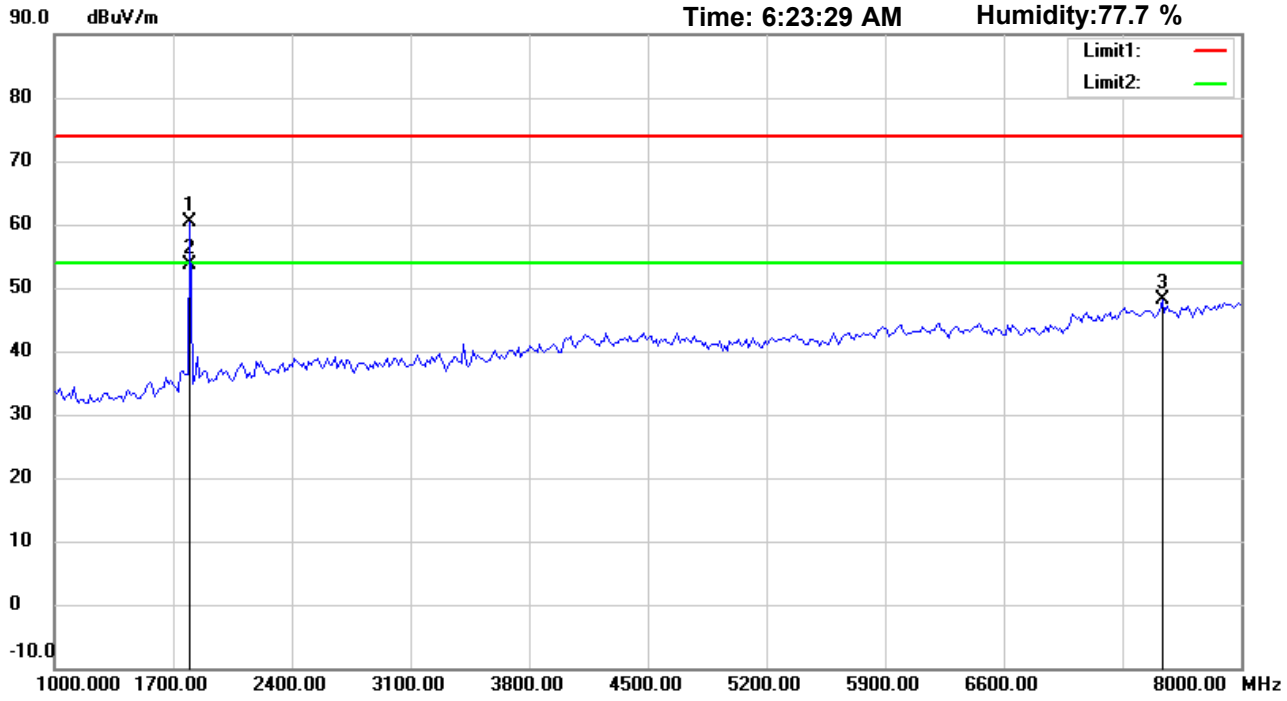
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#6 Date: 12/14/2018 Time: 6:23:29 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH159

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1799.599	66.92	peak	-6.52	60.40	74.00	150	135	-13.60	
*	1799.599	60.24	AVG	-6.52	53.72	54.00	150	135	-0.28	
	7537.074	42.06	peak	5.96	48.02	74.00	150	50	-25.98	

*:Maximum data x:Over limit !:over margin

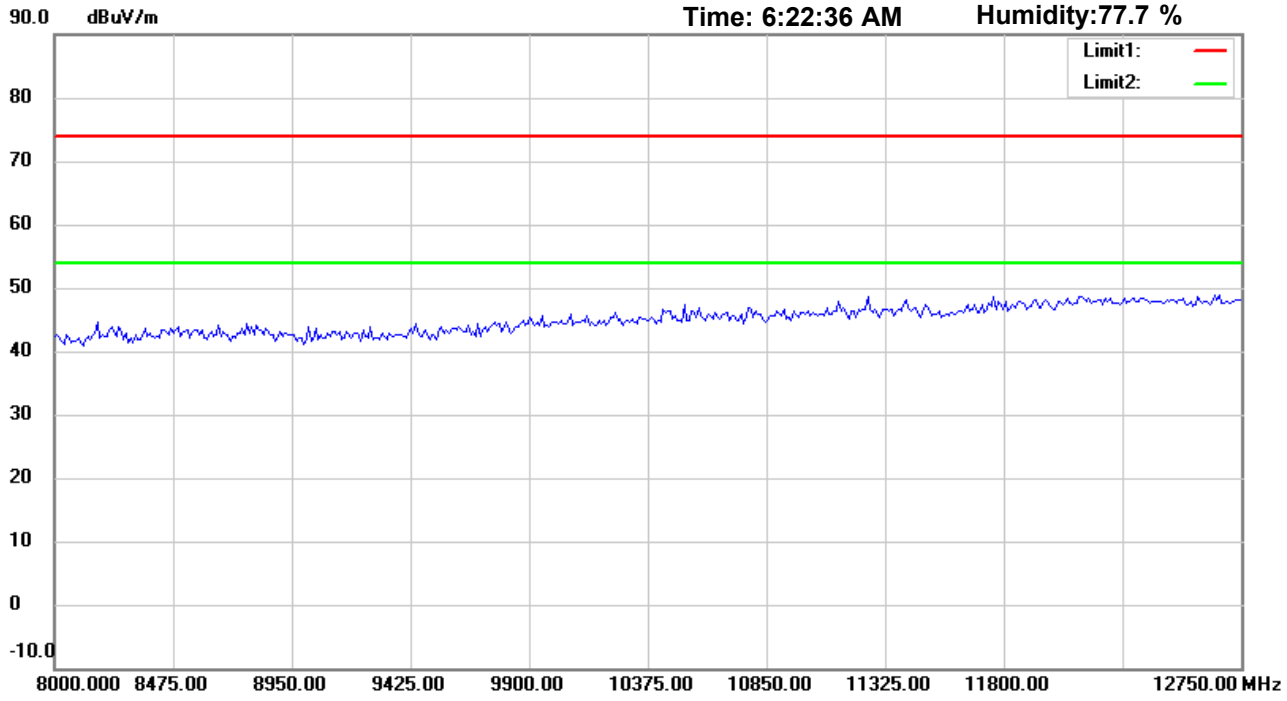
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#2 Date: 12/14/2018 Time: 6:22:36 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH159

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

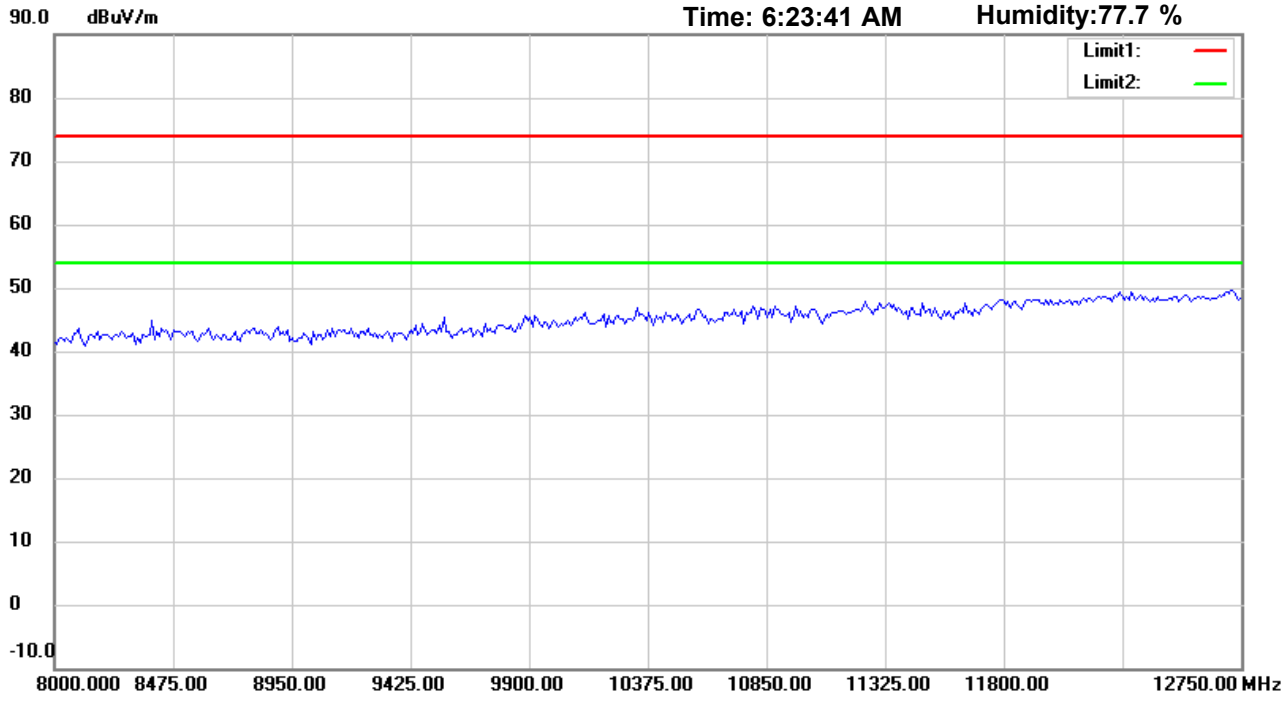
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#7 Date: 12/14/2018 Time: 6:23:41 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH159

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

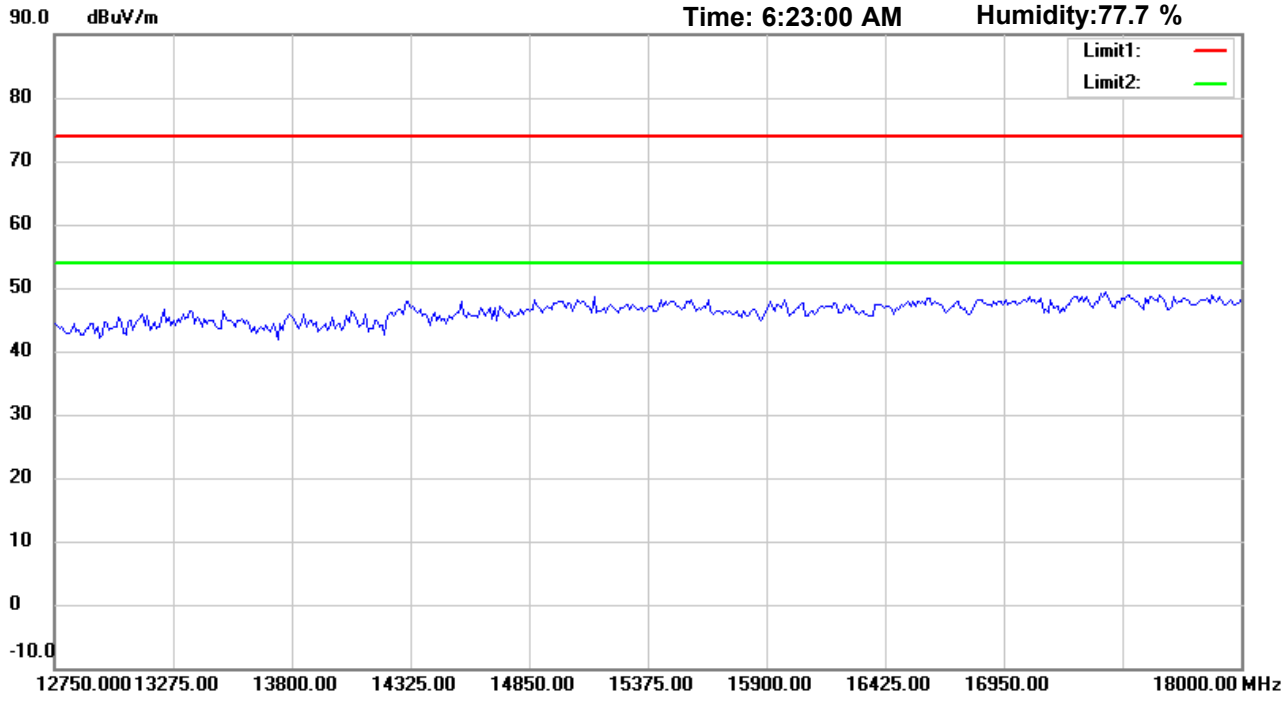
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#3 Date: 12/14/2018 Time: 6:23:00 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH159

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

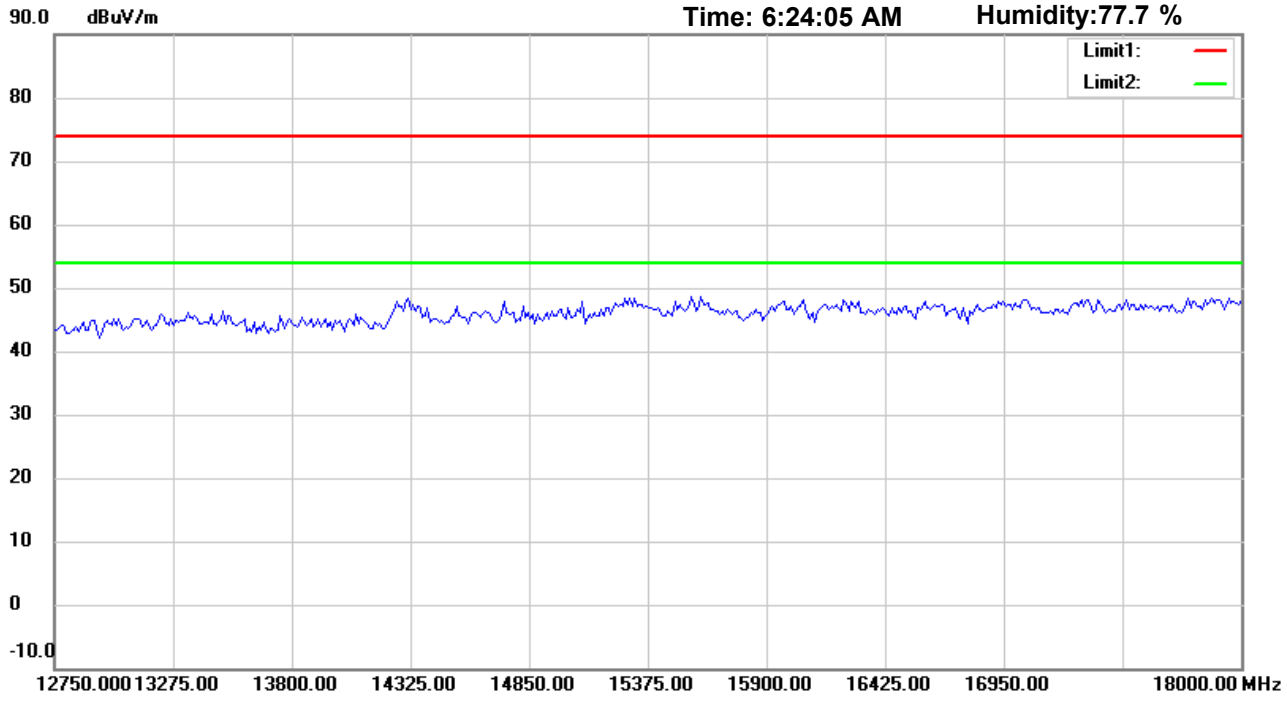
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#8 Date: 12/14/2018 Time: 6:24:05 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH159

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

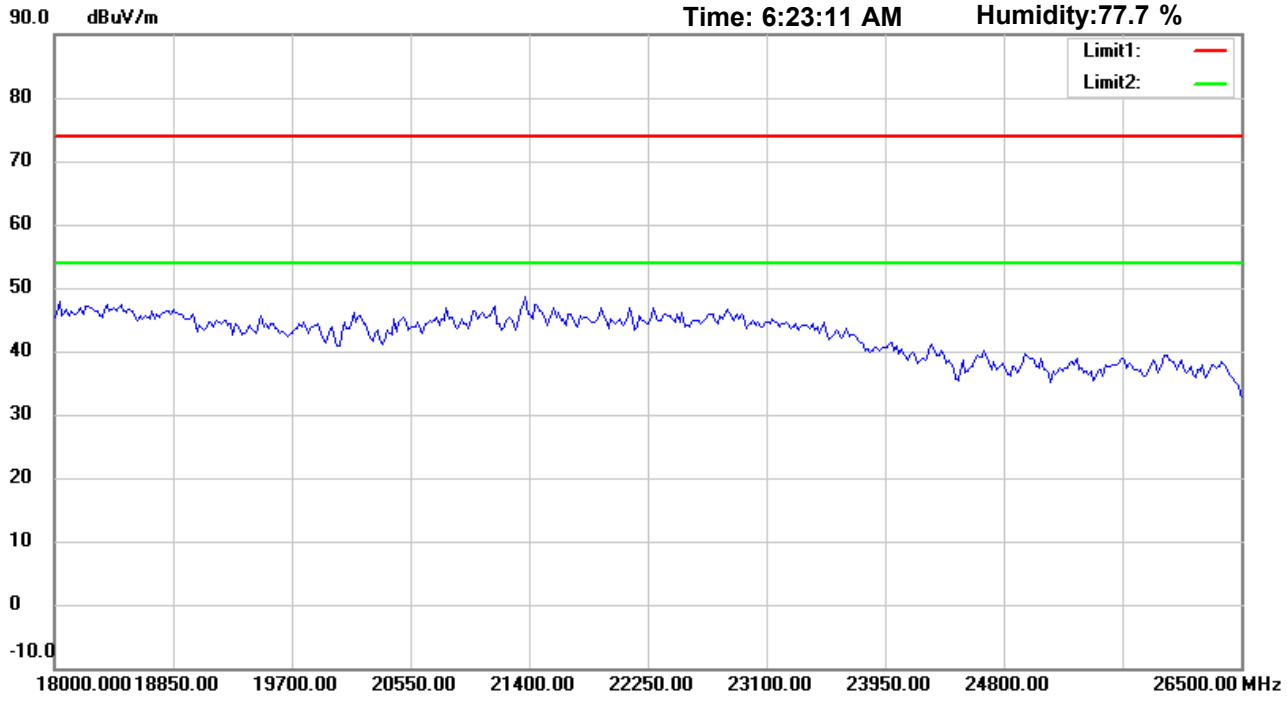
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#4 Date: 12/14/2018 Time: 6:23:11 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH159

Note :

Polarization: *Horizontal*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

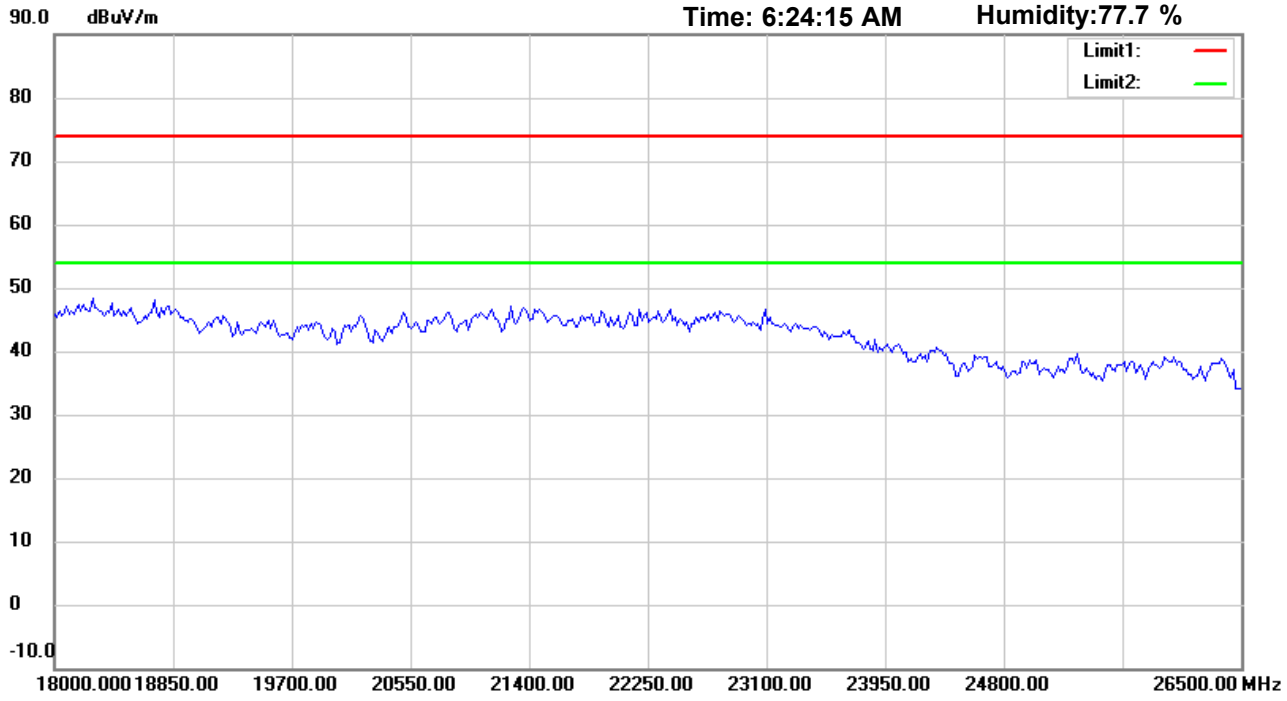
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#9 Date: 12/14/2018 Time: 6:24:15 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

EUT : W6M21811-18613

M/N:

Test Mode : RX 802.11n40 CH159

Note :

Polarization: *Vertical*

Power : 120 Va.c.

Distance: 3m

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

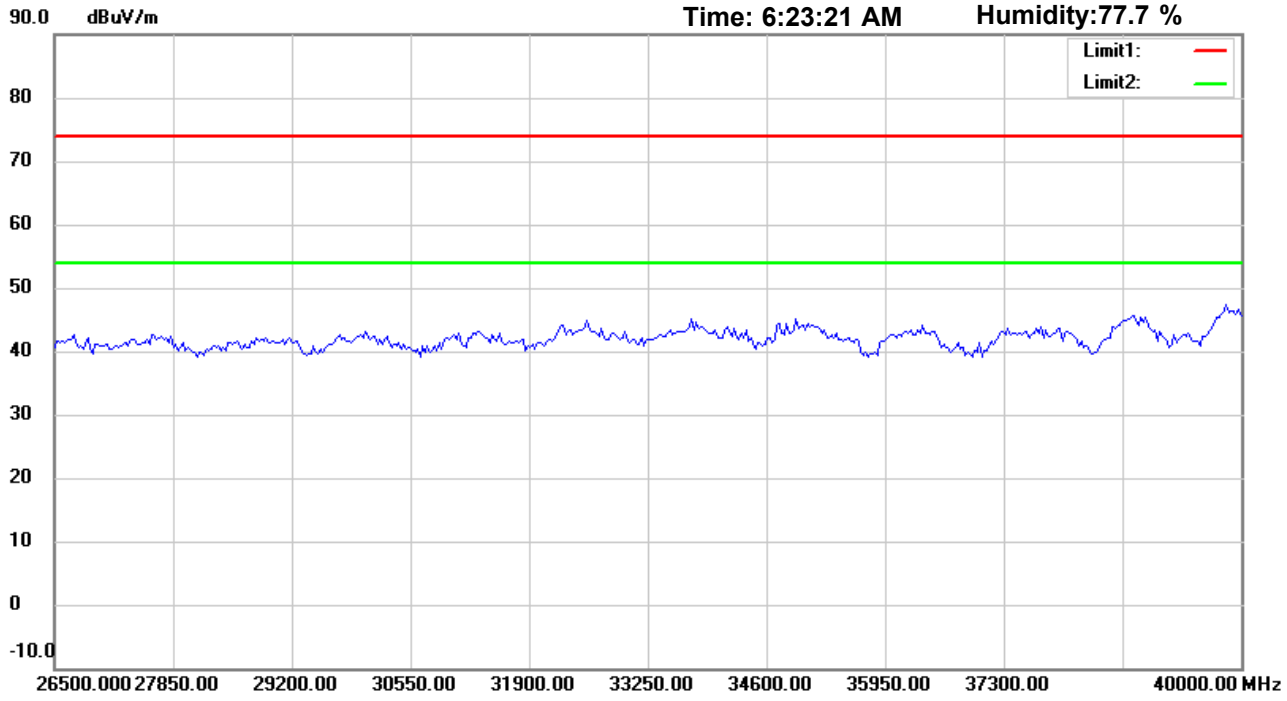
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#5 Date: 12/14/2018 Time: 6:23:21 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Horizontal*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH159

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin

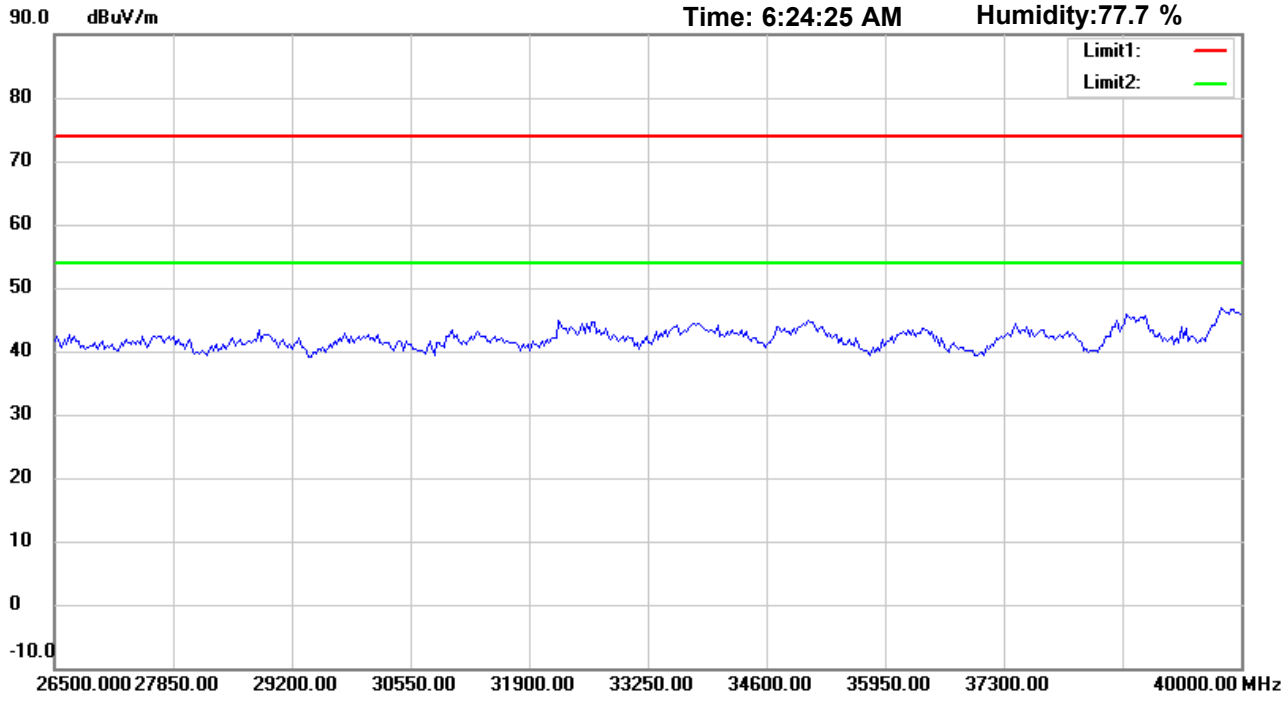
Address:6F.,No.58,Ln 188,Ruey Kuang Rd,Neihu,Taipei
Tel:+886-2-6606-8877
Fax:+886-2-6606-8879

Radiated Emission Measurement

Operator: Allen

File :3 Data :#10 Date: 12/14/2018 Time: 6:24:25 AM

Temperature:18.9 ℃ Humidity:77.7 %



Site : Chamber

Condition : FCC_part 15 RE-Class B_Above 1GHz_PK

Polarization: *Vertical*

EUT : W6M21811-18613

Power : 120 Va.c.

M/N:

Distance: 3m

Test Mode : RX 802.11n40 CH159

Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corr. factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment

*:Maximum data x:Over limit !:over margin