

FCC PART 15 SUBPART C TEST REPORT

for

11n USB Dongle

Model No.: WU206n

FCC ID: U6A-WU206N

of

Applicant: E-Top Network Technology Inc.

Address: No.82,Gongye 2nd Rd., Tainan City 70095, Taiwan,R.O.C.

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: 930600

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

A2LA Accredited No.: 2732.01

Report No.: W6M20812-9466-C-1



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1 General Information

1.1 Notes

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

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

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

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

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

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Specific Conditions:

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

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

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

Tester:

December 16, 2008

Danny

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

December 16, 2008

Chang Tse-Ming

Date

WTS

Name

Signature



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1.2 Testing laboratory

1.2.1 Location

OATS
No.5-1, Shuang Sing Village,
LiShuei Rd., Wanli Township,
Taipei County 207, Taiwan (R.O.C.)

Company
Worldwide Testing Services(Taiwan) Co., Ltd.
6F, NO. 58, LANE 188, RUEY-KUANG RD.
NEIHU, TAIPEI 114, TAIWAN R.O.C.
Tel : 886-2-66068877
Fax : 886-2-66068879

1.2.2 Details of accreditation status

Accredited testing laboratory

A2LA accredited number: 2732.01

FCC filed test laboratory Reg. No. 930600

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

1.3 Details of approval holder

Name:	E-Top Network Technology Inc.
Street:	No.82,Gongye 2nd Rd.,
Town:	Tainan City 70095,
Country:	Taiwan,R.O.C.
Telephone:	+886-6-384-0077
Fax:	+886-6-384-1808



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1.4 Application details

Date of receipt of test item: November 28, 2008

Date of test: from November 28, 2008 to December 12, 2008

1.5 General information of Test item

Type of test item: 11n USB Dongle

Model Number: WU206n

Brand Name: ETOP

Hardware: RTL8192

Software: RTL8192U_V0021

Multi-listing model number: see Appendix

Photos: see Appendix

Technical data

Frequency band: 2.4 GHz – 2.4835 GHz

11b, 11g, 11n 20MHz

Frequency (ch 1 or A): 2.412 GHz

Frequency (ch 6 or B): 2.437 GHz

Frequency (ch 11 or C): 2.462 GHz

11n 40MHz

Frequency (ch 1 or A): 2.422 GHz

Frequency (ch 4 or B): 2.437 GHz

Frequency (ch 7 or C): 2.452 GHz

Number of Channels: 11b, 11g, 11n 20MHz: 11

11n 40MHz: 7

Operation modes: duplex

Modulation Type: DSSS / OFDM

Fixed point-to-point operation: Yes / No

Type of Antenna: PCB Antenna

Antenna gain: 2 dBi

Power supply:

Emission designator: 11b: DSSS: 15M1G1D

11g: OFDM: 16M6W7D

11n 20MHz: OFDM: 18M2W7D

11N 40MHz: OFDM: 36M6W7D



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Host device: none

Classification :

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

Transmitter

Unom

Mode A (DSSS)

Power (ch 1 or A):	Conducted: 10.20 dBm
Power (ch 6 or B):	Conducted: 11.01 dBm
Power (ch 11 or C):	Conducted: 10.53 dBm

Mode B (OFDM)

Power (ch 1 or A):	Conducted: 10.80 dBm
Power (ch 6 or B):	Conducted: 10.90 dBm
Power (ch 11 or C):	Conducted: 10.41 dBm

Mode C (OFDM)

Power (ch 1 or A):	Conducted: 10.96 dBm
Power (ch 6 or B):	Conducted: 10.80 dBm
Power (ch 11 or C):	Conducted: 10.80 dBm

Mode D (OFDM)

Power (ch 1 or A):	Conducted: 10.48 dBm
Power (ch 4 or B):	Conducted: 10.88 dBm
Power (ch 7 or C):	Conducted: 10.91 dBm

Manufacturer: (if applicable)

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

1.6 Test standards

Technical standard : FCC RULES PART 15 SUBPART C § 15.247 (2008-07)



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2 Technical test

2.1 Summary of test results

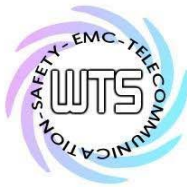
No deviations from the technical specification(s) were ascertained in the course of the tests performed.

or

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

2.2 Test environment

Temperature: 23 °C
Relative humidity content: 20 ... 75 %
Air pressure: 86 ... 103 kPa
Power supply: 5 Vdc from PC
Extreme conditions parameters: ./.



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2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2008/9/18	2009/9/17
ETSTW-CE 002	PREREGULATOR MODE DC POWER SUPPLY	None	None		Function Test	
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	2008/9/15	2009/9/14
ETSTW-CE 005	Line-Impedance Stabilisation Network	NNBM 8126D	137	Schwarzbeck	2008/9/15	2009/9/14
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2008/5/10	2009/5/09
ETSTW-CE 008	ABSORBING CLAMP	MDS 21	3469	Schwarzbeck	2008/9/18	2009/9/17
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2008/7/25	2009/7/24
ETSTW-CE 015	CISPR 22 TWO BALANCED TELECOM PAIRS IMPEDANCE STABILIZATION NETWORK	FCC-TLISN-T8-02	20307	FCC	2008/9/22	2009/9/21
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2008/9/24	2009/9/23
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2008/10/8	2009/10/7
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2008/9/22	2009/9/21
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2008/9/18	2009/9/17
ETSTW-RE 011	PROGRAMMABLE LINEAR POWER SUPPLY	LPS-305	30503070165	MOTECH	Function Test	
ETSTW-RE 017	Log-Periodic Antenna	HL025	352886/001	R&S	2008/5/5	2009/5/4
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2008/10/27	2009/10/26
ETSTW-RE 020	MICROWAVE HORN ANTENNA	AT4002A	306915	AR	Function Test	
ETSTW-RE 021	SWEEP GENERATOR	SWM05	835130/010	R&S	2008/8/27	2009/8/26
ETSTW-RE 028	Log-Periodic Dipole Array Antenna	3148	34429	EMCO	2008/4/23	2009/4/22
ETSTW-RE 029	Biconical Antenna	3109	33524	EMCO	2008/4/23	2009/4/22
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	EMCO	2008/3/26	2009/3/25
ETSTW-RE 032	Millivoltmeter	URV 55	849086/013	R&S	2008/9/1	2009/8/31
ETSTW-RE 033	WaveRunner 6000A Serie Oscilloscope	WAVERUNNER 6100A	LCRY0604P14508	LeCroy	2008/6/27	2009/6/26
ETSTW-RE 034	Power Sensor	URV5-Z4	839313/006	R&S	2008/9/1	2009/8/31
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2007/1/11	2009/1/10
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2008/5/2	2009/5/1
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2008/5/22	2009/5/21
ETSTW-RE 047	ESA-E SERIES SPECTRUM ANALYZER	E4445A	MY46181369	Agilent	2008/6/26	2009/6/25
ETSTW-RE 048	Triple Loop Antenna	HXYZ 9170	HXYZ 9170-134	Schwarzbeck	2008/9/1	2009/8/31
ETSTW-RE 049	TRILOG Super Broadband test Antenna	VULB 9160	9160-3185	Schwarzbeck	2007/5/2	2009/5/1
ETSTW-RE 055	SPECTRUM ANALYZER	FSU-26	200074	R&S	2008/7/1	2009/6/30
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	2008/9/1	2009/8/31



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ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2008/10/28	2009/10/27
ETSTW-RE 105	Match Pad	MDCS1500	None	WOKEN	2008/10/9	2009/10/8
ETSTW-RE 106	Match Pad	MDCS1510	None	WOKEN	2008/10/9	2009/10/8
ETSTW-GSM 02	Universal Radio Communication Tester	CMU 200	109439	R&S	2008/9/23	2009/9/22
ETSTW-GSM 23	SPLITTER	4901.19.A	None	SUHNER	2008/9/22	2009/9/21



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2.4 General Test Procedure

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI STANDARD C63.4-2003 using a 50 μ H LISN (if necessary). Both lines were observed. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

RADIATION INTERFERENCE: The test procedure used was according to ANSI STANDARD C63.4-2003 employing a spectrum analyzer. For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100kHz respectively with an appropriate sweep speed. For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

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

Example:

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

The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m (non metallic table) and arranged according to ANSI C63.4-2003 Section 13.1.2. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

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

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

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



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

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

The formula is as follows:

Average = Peak + Duty Factor

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

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

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



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3 Test results (enclosure)

TEST CASE	Para. Number	Required	Test passed	Test failed
Peak Output Power	15.247(b)(3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Equivalent radiated Power	15.247(b)(3)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Spurious Emissions radiated – Transmitter operating	15.247(c); 15.209	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Band Edge Measurement	15.247(c)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Minimum 6 dB Bandwidth	15.247(a)(2)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Peak Power Spectral Density	15.247(d)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Radiated Emission from Digital Part	15.109	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power Line Conducted Emission	15.207	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



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3.1 Peak Output Power (transmitter)

FCC Rule: 15.247(b)(3)

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

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

Mode A

Test condition		Conducted Power		
		Channel A	Channel B	Channel C
T _{nom} = 25 °C	V _{nom} = 5 V	[dBm]	[dBm]	[dBm]
		10.20	11.01	10.53

Mode B

Test condition		Conducted Power		
		Channel A	Channel B	Channel C
T _{nom} = 25 °C	V _{nom} = 5 V	[dBm]	[dBm]	[dBm]
		10.80	10.90	10.41

Mode C

Test condition		Conducted Power		
		Channel A	Channel B	Channel C
T _{nom} = 25 °C	V _{nom} = 5 V	[dBm]	[dBm]	[dBm]
		10.96	10.80	10.80

Mode D

Test condition		Conducted Power		
		Channel A	Channel B	Channel C
T _{nom} = 25 °C	V _{nom} = 5 V	[dBm]	[dBm]	[dBm]
		10.48	10.88	10.91



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Test condition $T_{nom} = \text{--}^{\circ}\text{C}, V_{nom} = \text{--} \text{ V}$	Signal Field strength TX highest power mode $\text{dB } \mu\text{V/m}$
Frequency [MHz]	--
--	--

Limits:

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

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

Test equipment used: ETSTW-RE 055

Explanation: The diagrams for the peak output power measurements are included in Appendix.



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3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain
 EIRP = 11.01 dBm + 2 dBi
 = 13.01 dBm

Limit: EIRP = +36 dBm for Antenna gain <6dBi

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 017 ETSTW-RE 021
 ETSTW-RE 028 ETSTW-RE 030 ETSTW-RE 043 ETSTW-RE 044

3.3 RF Exposure Compliance Requirements

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

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

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

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

Item	Unit	Value	Remarks
P	mW	12.618	Peak value
D	dB		
AG	dBi	2	
G		1.585	Calculated Value
R	cm	20	Assumed value
S	mW/cm ²	0.004	Calculated value

Limits:

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



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3.4 Transmitter Radiated Emissions in Restricted Bands

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

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

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

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

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

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

Limits.

For frequencies below 1GHz:

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

For frequencies above 1GHz (Average measurements).

Guidance on Measurement of Digit Transmission Systems:

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

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

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

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

Explanation: see attached diagrams in Appendix.



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3.5 Spurious Emissions (tx)

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

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

FCC Rule: 15.247(c), 15.35

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

Limits:

For frequencies above 1GHz (Peak measurements).

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

For frequencies above 1GHz (Average measurements).

Max. reading – 20dB

Max. reading – 20 dB

Guidance on Measurement of Digit Transmission Systems:

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

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

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

Test equipment used: ETSTW-RE 004 ETSTW-RE 017 ETSTW-RE 028 ETSTW-RE 029 ETSTW-RE 030 ETSTW-RE 042 ETSTW-RE 043 ETSTW-RE 044

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



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

Calculation of test results:

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

The peak and average spurious emission plots was measured with the average limits.

In the Table being listed the critical peak and average value and exhibit the compliance with the above calculated Limits.

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

Summary table with radiated data of the test plots

Mode A

Model: WU206n Date: 2008/12/8
 Mode: 802.11b CH1 Tx mode Temperature: 24 °C Engineer: Danny
 Polarization: Horizontal Humidity: 51 %

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
165.271	14.68	peak	15.20	29.88	43.50	-13.62	115	150
608.617	8.16	peak	22.22	30.38	46.00	-15.62	125	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4825.651	42.88	--	-1.30	41.58	--	74.00	54.00	-32.42	135	150
7236.000	40.50	--	1.86	42.36	--	74.00	54.00	-31.64	130	150
9648.000	19.38	--	25.06	38.44	--	74.00	54.00	-35.56	140	150
12060.000	20.17	--	29.44	43.61	--	74.00	54.00	-30.39	130	150

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
166.353	16.40	peak	15.15	31.55	43.50	-11.95	110	150
611.423	7.82	peak	22.23	30.05	46.00	-15.95	120	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4825.651	42.66	--	-1.30	41.36	--	74.00	54.00	-32.64	140	150
7236.000	40.46	--	1.86	42.32	--	74.00	54.00	-31.68	135	150
9648.000	19.71	--	25.06	38.77	--	74.00	54.00	-35.23	135	150
12060.000	21.14	--	29.44	44.58	--	74.00	54.00	-29.42	140	150



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N

Mode: 802.11b CH6 Tx mode
 Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
168.517	16.23	peak	15.04	31.27	43.50	-12.23	105	150
611.423	7.09	peak	22.23	29.32	46.00	-16.68	120	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4873.748	41.59	--	-1.30	40.29	--	74.00	54.00	-33.71	135	150
7311.000	42.07	--	1.82	43.89	--	74.00	54.00	-30.11	140	150
9748.000	19.32	--	24.94	38.26	--	74.00	54.00	-35.74	140	150
12185.000	20.10	--	29.74	43.84	--	74.00	54.00	-30.16	145	150

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
165.812	20.42	peak	15.18	35.60	43.50	-7.90	110	150
610.020	7.83	peak	22.22	30.05	46.00	-15.95	125	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4873.748	41.83	--	-1.30	40.53	--	74.00	54.00	-33.47	140	150
7311.000	41.73	--	1.82	43.55	--	74.00	54.00	-30.45	135	150
9748.000	20.21	--	24.94	39.15	--	74.00	54.00	-34.85	130	150
12185.000	20.41	--	29.74	44.15	--	74.00	54.00	-29.85	140	150

Mode: 802.11b CH11 Tx mode Temperature: 24 °C Engineer: Danny
 Polarization: Horizontal Humidity: 51 %

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
242.645	17.69	peak	13.64	31.33	46.00	-14.67	110	150
984.569	7.28	peak	27.30	34.58	54.00	-19.42	120	150



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4924.000	39.58	--	-1.20	38.38	--	74.00	54.00	-35.62	140	150
7386.000	41.85	--	1.97	43.82	--	74.00	54.00	-30.18	130	150
9848.000	21.21	--	25.49	40.70	--	74.00	54.00	-33.30	140	150
12310.000	20.49	--	30.04	44.53	--	74.00	54.00	-29.47	145	150

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
166.353	21.11	peak	15.15	36.26	43.50	-7.24	115	150
612.826	7.74	peak	22.24	29.98	46.00	-16.02	125	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4921.844	41.95	--	-1.21	40.74	--	74.00	54.00	-33.26	135	150
7386.000	42.36	--	1.97	44.33	--	74.00	54.00	-29.67	130	150
9848.000	20.64	--	25.49	40.13	--	74.00	54.00	-33.87	140	150
12310.000	20.25	--	30.04	44.29	--	74.00	54.00	-29.71	145	150

Mode B

Model: WU206n Date: 2008/12/8
 Mode: 802.11g CH1 Tx mode Temperature: 24 °C Engineer: Danny
 Polarization: Horizontal Humidity: 51 %

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
166.353	13.80	peak	15.15	28.95	43.50	-14.55	105	150
610.020	8.04	peak	22.22	30.26	46.00	-15.74	125	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4824.000	39.76	--	-1.30	38.46	--	74.00	54.00	-35.54	130	150
7236.000	40.96	--	1.86	42.82	--	74.00	54.00	-31.18	135	150
9648.000	19.05	--	25.06	38.11	--	74.00	54.00	-35.89	140	150
12060.000	21.51	--	29.44	44.95	--	74.00	54.00	-29.05	140	150



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
165.271	21.45	peak	15.20	36.65	43.50	-6.85	110	150
406.613	8.93	peak	17.93	26.86	46.00	-19.14	120	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4825.651	42.66	--	-1.30	41.36	--	74.00	54.00	-32.64	140	150
7236.000	40.46	--	1.86	42.32	--	74.00	54.00	-31.68	135	150
9648.000	19.71	--	25.06	38.77	--	74.00	54.00	-35.23	135	150
12060.000	21.14	--	29.44	44.58	--	74.00	54.00	-29.42	140	150

Mode: 802.11g CH6 Tx mode

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
165.271	21.45	peak	15.20	36.65	43.50	-6.85	110	150
612.826	7.26	peak	22.24	29.50	46.00	-16.50	125	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4824.000	39.70	--	-1.30	38.40	--	74.00	54.00	-35.60	135	150
7236.000	40.77	--	1.86	42.63	--	74.00	54.00	-31.37	140	150
9648.000	19.19	--	25.06	38.25	--	74.00	54.00	-35.75	140	150
12060.000	20.08	--	29.44	43.52	--	74.00	54.00	-30.48	135	150

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
165.271	18.95	peak	15.20	34.15	43.50	-9.35	110	150
611.423	6.90	peak	22.23	29.13	46.00	-16.87	115	150



Worldwide Testing Services(Taiwan) Co., Ltd.

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Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4874.000	39.61	--	-1.30	38.31	--	74.00	54.00	-35.69	140	150
7411.000	41.85	--	1.95	43.80	--	74.00	54.00	-30.20	135	150
9748.000	20.32	--	24.94	39.26	--	74.00	54.00	-34.74	140	150
12185.000	20.77	--	29.74	44.51	--	74.00	54.00	-29.49	140	150

Mode: 802.11g CH11 Tx mode
 Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
165.271	12.91	peak	15.20	28.11	43.50	-15.39	115	150
608.617	7.13	peak	22.22	29.35	46.00	-16.65	120	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4924.000	38.97	--	-1.20	37.77	--	74.00	54.00	-36.23	135	150
7386.000	41.65	--	1.97	43.62	--	74.00	54.00	-30.38	140	150
9848.000	20.07	--	25.49	39.56	--	74.00	54.00	-34.44	145	150
12310.000	21.77	--	30.04	45.81	--	74.00	54.00	-28.19	135	150

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
165.271	20.23	peak	15.20	35.43	43.50	-8.07	110	150
991.583	6.89	peak	27.34	34.23	54.00	-19.77	125	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4924.000	39.71	--	-1.20	38.51	--	74.00	54.00	-35.49	140	150
7386.000	42.18	--	1.97	44.15	--	74.00	54.00	-29.85	145	150
9848.000	20.47	--	25.49	39.96	--	74.00	54.00	-34.04	145	150
12310.000	20.52	--	30.04	44.56	--	74.00	54.00	-29.44	140	150



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N

Mode C

Model: WU206n Date: 2008/12/8
 Mode: 802.11n, 20MHz CH1 Tx mode Temperature: 24 °C Engineer: Danny
 Polarization: Horizontal Humidity: 51 %

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
166.353	14.97	peak	15.15	30.12	43.50	-13.38	105	150
992.986	7.48	peak	27.35	34.83	54.00	-19.17	125	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4824.000	40.27	--	-1.30	38.97	--	74.00	54.00	-35.03	135	150
7236.000	40.65	--	1.86	42.51	--	74.00	54.00	-31.49	130	150
9648.000	19.08	--	25.06	38.14	--	74.00	54.00	-35.86	135	150
12060.000	20.89	--	29.44	44.33	--	74.00	54.00	-29.67	140	150

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
166.894	19.90	peak	15.12	35.02	43.50	-8.48	115	150
611.423	7.69	peak	22.23	29.92	46.00	-16.08	120	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4824.000	39.67	--	-1.30	38.37	--	74.00	54.00	-35.63	140	150
7236.000	40.77	--	1.86	42.63	--	74.00	54.00	-31.37	135	150
9648.000	19.22	--	25.06	38.28	--	74.00	54.00	-35.72	135	150
12060.000	21.99	--	29.44	45.43	--	74.00	54.00	-28.57	140	150

Mode: 802.11n, 20MHz CH6 Tx mode
 Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
165.271	20.53	peak	15.20	35.73	43.50	-7.77	110	150
610.020	6.56	peak	22.22	28.78	46.00	-17.22	130	150



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Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4874.000	40.12	--	-1.30	38.82	--	74.00	54.00	-35.18	140	150
7311.000	40.44	--	1.82	42.26	--	74.00	54.00	-31.74	145	150
9748.000	20.34	--	24.94	39.28	--	74.00	54.00	-34.72	145	150
12185.000	20.03	--	29.74	43.77	--	74.00	54.00	-30.23	145	150

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
166.894	21.41	peak	15.12	36.53	43.50	-6.97	100	150
612.826	7.86	peak	22.24	30.10	46.00	-15.90	125	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4874.000	39.47	--	-1.30	38.17	--	74.00	54.00	-35.83	140	150
7311.000	41.50	--	1.82	43.32	--	74.00	54.00	-30.68	130	150
9748.000	19.91	--	24.94	38.85	--	74.00	54.00	-35.15	140	150
12185.000	22.76	--	29.74	46.50	--	74.00	54.00	-27.50	135	150

Mode: 802.11n, 20MHz CH11 Tx mode

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
166.353	13.84	peak	15.15	28.99	43.50	-14.51	110	150
611.423	7.82	peak	22.23	30.05	46.00	-15.95	120	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4924.000	39.74	--	-1.20	38.54	--	74.00	54.00	-35.46	135	150
7386.000	41.86	--	1.97	43.83	--	74.00	54.00	-30.17	140	150
9848.000	20.85	--	25.49	40.34	--	74.00	54.00	-33.66	140	150
12310.000	20.79	--	30.04	44.83	--	74.00	54.00	-29.17	140	150



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Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.976	19.24	peak	15.07	34.31	43.50	-9.19	105	150
608.617	7.96	peak	22.22	30.18	46.00	-15.82	125	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4924.000	39.60	--	-1.20	38.40	--	74.00	54.00	-35.60	140	150
7386.000	41.76	--	1.97	43.73	--	74.00	54.00	-30.27	145	150
9848.000	21.22	--	25.49	40.71	--	74.00	54.00	-33.29	140	150
12310.000	19.89	--	30.04	43.93	--	74.00	54.00	-30.07	145	150

Mode D

Model: WU206n Date: 2008/12/8
 Mode: 802.11n, 40MHz CH1 Tx mode Temperature: 24 °C Engineer: Danny
 Polarization: Horizontal Humidity: 51 %

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.976	13.63	peak	15.07	28.70	43.50	-14.80	115	150
611.423	7.35	peak	22.23	29.58	46.00	-16.42	120	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4844.000	39.75	--	-1.30	38.45	--	74.00	54.00	-35.55	135	150
7266.000	41.69	--	1.83	43.52	--	74.00	54.00	-30.48	130	150
9688.000	21.28	--	24.78	40.06	--	74.00	54.00	-33.94	145	150
12110.000	20.63	--	29.56	44.19	--	74.00	54.00	-29.81	140	150

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.976	20.73	peak	15.07	35.80	43.50	-7.70	110	150
610.020	7.08	peak	22.22	29.30	46.00	-16.70	125	150



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Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4844.000	39.54	--	-1.30	38.24	--	74.00	54.00	-35.76	140	150
7266.000	41.25	--	1.83	43.08	--	74.00	54.00	-30.92	145	150
9688.000	19.70	--	24.78	38.48	--	74.00	54.00	-35.52	140	150
12110.000	20.62	--	29.56	44.18	--	74.00	54.00	-29.82	145	150

Mode: 802.11n, 40MHz CH4 Tx mode

Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
166.894	15.57	peak	15.12	30.69	43.50	-12.81	110	150
978.958	8.15	peak	27.26	35.41	54.00	-18.59	120	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4874.000	39.71	--	-1.30	38.41	--	74.00	54.00	-35.59	140	150
7311.000	42.09	--	1.82	43.91	--	74.00	54.00	-30.09	130	150
9748.000	20.65	--	24.94	39.59	--	74.00	54.00	-34.41	135	150
12185.000	20.94	--	29.74	44.68	--	74.00	54.00	-29.32	140	150

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
165.812	17.06	peak	15.18	32.24	43.50	-11.26	110	150
611.423	7.60	peak	22.23	29.83	46.00	-16.17	125	150

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result @3m (dBuV/m)		Limit @3m (dBuV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4874.000	39.75	--	-1.30	38.45	--	74.00	54.00	-35.55	135	150
7311.000	43.23	--	1.82	45.05	--	74.00	54.00	-28.95	140	150
9748.000	20.35	--	24.94	39.29	--	74.00	54.00	-34.71	140	150
12185.000	21.27	--	29.74	45.01	--	74.00	54.00	-28.99	145	150



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Mode: 802.11n, 40MHz CH7 Tx mode
 Polarization: Horizontal

Frequency (MHz)	Reading (dBUV)	Detector	Factor (dB)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
169.058	13.09	peak	15.02	28.11	43.50	-15.39	100	150
612.826	7.19	peak	22.24	29.43	46.00	-16.57	130	150

Frequency (MHz)	Reading (dBUV)		Factor (dB) Corr.	Result @3m (dBUV/m)		Limit @3m (dBUV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4904.000	39.21	--	-1.28	37.93	--	74.00	54.00	-36.07	135	150
7356.000	41.70	--	1.91	43.61	--	74.00	54.00	-30.39	140	150
9808.000	19.69	--	25.25	38.94	--	74.00	54.00	-35.06	135	150
12260.000	20.48	--	29.92	44.40	--	74.00	54.00	-29.60	145	150

Polarization: Vertical

Frequency (MHz)	Reading (dBUV)	Detector	Factor (dB)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
165.271	18.63	peak	15.20	33.83	43.50	-9.67	105	150
608.617	7.87	peak	22.22	30.09	46.00	-15.91	125	150

Frequency (MHz)	Reading (dBUV)		Factor (dB) Corr.	Result @3m (dBUV/m)		Limit @3m (dBUV/m)		Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
	Peak	Ave.		Peak	Ave.	Peak	Ave.			
4904.000	39.68	--	-1.28	38.40	--	74.00	54.00	-35.60	135	150
7356.000	42.46	--	1.91	44.37	--	74.00	54.00	-29.63	140	150
9808.000	19.81	--	25.25	39.06	--	74.00	54.00	-34.94	140	150
12260.000	21.24	--	29.92	45.16	--	74.00	54.00	-28.84	130	150

- Note**
1. Correction Factor = Antenna factor + Cable loss - Preamplifier
 2. The formula of measured value as: Test Result = Reading + Correction Factor
 3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
 4. All not in the table noted test results are more than 20 dB below the relevant limits.
 5. See the attached diagram as appendix.

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

Test equipment used: ETSTW-RE003 ETSTW-RE 004 ETSTW-RE 017 ETSTW-RE 028
 ETSTW-RE029 ETSTW-RE 030 ETSTW-RE 042 ETSTW-RE 043 ETSTW-RE 044

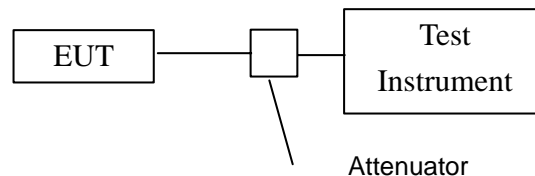
Registration number: W6M20812-9466-C-1
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3.6 Radiated Emission on the band edge

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

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

3.6.1 Test Setup



3.6.2 Procedure

- a. To use internal calibrator of instrument or external signal generator to confirm the calibration instrument of known level.
- b. As test setup, the antenna of transmitter through appropriate attenuate and connect to test instrument directly and start EUT. To set that the transmitted frequency of EUT is lowest frequency channel.
- c. Use the following spectrum analyzer settings:
 1. Span = wide enough to capture the peak level of the emission operating on the channel closest to the band edge, as well as any modulation products which fall outside of the authorized band of operation
 2. RBW = 1% of the span; VBW \geq RBW.
 3. Sweep = auto; Detector function = peak; Trace = max hold
 4. Set the marker on the emission at the band edge, or on the highest modulation product outside of the band, if this level is greater than that at the band edge.
- d. Enable the marker-delta function, then use the marker-to-peak function to move the marker to the peak of the in-band emission. The marker-delta value now displayed must comply with the limit specified in this Section. To save measured spectrum wave and print to report.
- e. To repeat above testing steps but set the transmitted frequency of EUT in highest channel in turn.



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3.6.3 Test Results

Mode A

Test conditions		Attenuation at or outside band-edges	
		Lower Band-edge	Upper Band-edge
$T_{nom} = 25^{\circ}C$	$V_{nom} = 5 V$	37.70 dB	46.09 dB

Mode B

Test conditions		Attenuation at or outside band-edges	
		Lower Band-edge	Upper Band-edge
$T_{nom} = 25^{\circ}C$	$V_{nom} = 5 V$	32.77 dB	45.09 dB

Mode C

Test conditions		Attenuation at or outside band-edges	
		Lower Band-edge	Upper Band-edge
$T_{nom} = 25^{\circ}C$	$V_{nom} = 5 V$	33.00 dB	44.04 dB

Mode D

Test conditions		Attenuation at or outside band-edges	
		Lower Band-edge	Upper Band-edge
$T_{nom} = 25^{\circ}C$	$V_{nom} = 5 V$	34.86 dB	39.92 dB

Limit:

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

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 017 ETSTW-RE 028
 ETSTW-RE 030 ETSTW-RE 043 ETSTW-RE 044

Explanation: Please see attached diagram as appendix.



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3.7 Minimum 6 dB Bandwidth

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

Mode A

Test conditions		6 dB Bandwidth		
		Channel 1	Channel 6	Channel 11
T _{nom} = 25°C	V _{nom} = 5 V	10.128205128 MHz	10.096153846 MHz	10.096153846 MHz

Mode B

Test conditions		6 dB Bandwidth		
		Channel 1	Channel 6	Channel 11
T _{nom} = 25°C	V _{nom} = 5 V	16.570512821 MHz	16.570512821 MHz	16.570512821 MHz

Mode C

Test conditions		6 dB Bandwidth		
		Channel 1	Channel 6	Channel 11
T _{nom} = 25°C	V _{nom} = 5 V	17.788461538 MHz	17.788461538 MHz	17.788461538 MHz

Mode D

Test conditions		6 dB Bandwidth		
		Channel 1	Channel 4	Channel 7
T _{nom} = 25°C	V _{nom} = 5 V	36.588141026 MHz	36.524038462 MHz	36.524038462 MHz

Limits:

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

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 055

Explanation: see attached diagrams in Appendix.



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3.8 Peak Power Spectral Density

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

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

Mode A

Test conditions		Peak Power Spectral Density (3 kHz)		
		Channel 1 [dBm]	Channel 6 [dBm]	Channel 11 [dBm]
$T_{nom} = 25^{\circ}C$	$V_{nom} = 5\ V$	-25.88	-22.31	-24.26

Mode B

Test conditions		Peak Power Spectral Density (3 kHz)		
		Channel 1 [dBm]	Channel 6 [dBm]	Channel 11 [dBm]
$T_{nom} = 25^{\circ}C$	$V_{nom} = 5\ V$	-22.55	-22.49	-22.65

Mode C

Test conditions		Peak Power Spectral Density (3 kHz)		
		Channel 1 [dBm]	Channel 6 [dBm]	Channel 11 [dBm]
$T_{nom} = 25^{\circ}C$	$V_{nom} = 5\ V$	-22.88	-22.90	-22.67

Mode D

Test conditions		Peak Power Spectral Density (3 kHz)		
		Channel 1 [dBm]	Channel 4 [dBm]	Channel 7 [dBm]
$T_{nom} = 25^{\circ}C$	$V_{nom} = 5\ V$	-24.18	-24.50	-24.60

Limits:

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

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 055

Explanation: see attached diagrams in Appendix.



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3.9 Radiated Emission from Digital Part

FCC Rule: 15.109

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

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

Test equipment used: ETSTW-RE 003 ETSTW-RE 004 ETSTW-RE 017 ETSTW-RE 028 ETSTW-RE 029
ETSTW-RE 030 ETSTW-RE 042 ETSTW-RE 043 ETSTW-RE 044

Explanation: The test results are listed in the separated test report no.: W6M20812-9466-P-15B.



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3.9 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: WU206n Date: 2008/12/10
 Mode: Temperature: 24 °C Engineer: Danny
 Polarization: N Humidity: 50 %

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result (dBuV)		Limit (dBuV)		Margin (dB)
	QP	Ave.		QP	Ave.	QP	Ave.	
0.1850	39.42	23.52	10.11	49.53	33.63	64.26	54.26	-14.73
0.2888	33.59	22.22	10.01	43.60	32.23	60.56	50.56	-16.96
0.4035	28.30	14.45	10.05	38.35	24.50	57.78	47.78	-19.43
5.1389	22.39	15.10	10.11	32.50	25.21	60.00	50.00	-24.79
11.5833	25.96	18.58	10.49	36.45	29.07	60.00	50.00	-20.93
16.1388	26.32	19.06	10.45	36.77	29.51	60.00	50.00	-20.49

Polarization: L1

Frequency (MHz)	Reading (dBuV)		Factor (dB) Corr.	Result (dBuV)		Limit (dBuV)		Margin (dB)
	QP	Ave.		QP	Ave.	QP	Ave.	
0.1841	39.88	22.87	10.11	49.99	32.98	64.30	54.30	-14.31
0.2787	32.51	15.67	10.03	42.54	25.70	60.85	50.85	-18.31
0.3962	29.85	16.87	10.04	39.89	26.91	57.93	47.93	-18.04
5.1667	20.18	13.55	10.11	30.29	23.66	60.00	50.00	-26.34
11.5824	24.91	17.56	10.49	35.40	28.05	60.00	50.00	-21.95
16.2500	27.21	19.55	10.45	37.66	30.00	60.00	50.00	-20.00

- 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. **See attached diagrams as appendix.**



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Frequency	Level (dB μ V)	
	quasi-peak	average
150 kHz	lower limit line	Lower limit line

Limits:

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

Test equipment used: ETSTW-CE 001 ETSTW-CE 003 ETSTW-CE 004 ETSTW-CE 006

Explanation: see attached diagrams in Appendix.



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4 Measurement Techniques

Section 15.403(f) – Digital Modulation

Digital modulation is required for Digital Transmission Systems (DTS).

Digital modulation: The process by which the characteristics of a carrier wave are varied among a set of predetermined discrete values in accordance with a digital modulating function as specified in document ANSI C63.17-1998.

Section 15.31(m) – Number of Operating Frequencies

This rule specifies the number of operating frequencies to be examined for tunable equipment.

Section 15.207 – Power line conducted emissions

If the unit is AC powered, an AC power line conducted test is also required per this rule.

Section 15.247(a)(2) – Bandwidth.

Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. In order to make an accurate measurement, set the span greater than RBW. The 6 dB bandwidth must be greater than 500 kHz.

Section 15.247(b) – Power output.

This is an RF conducted test. Use a direct connection between the antenna port of the transmitter and the spectrum analyzer, through suitable attenuation. Power Output Option 1 is a peak measurement. Power Output Option 2 is the same procedure used for UNII output power measurements. The equipment under test is not for UNII. Therefore, Power Output Option 1 is used as below.

Power Output Option 1

Set the RBW greater than 6 dB bandwidth of the emission or use a peak power meter.

Section 15.247(c) – Spurious emissions.

Radiated emission test: Applies to harmonics/spurs that fall in the restricted bands listed in Section 15.205. The maximum permitted average field strength is listed in Section 15.209. A pre-amp (and possibly a high-pass filter) is necessary for this measurement. For measurements above 1 GHz, set RBW = 1MHz, VBW = 10 Hz, Sweep: Auto. If the emission is pulsed, modify the unit for continuous operation; use the settings shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation. See Section 15.35(b) and (c).

Section 15.247(d) – Power spectral density (PSD).

The same method of determining the conducted output power shall be used to determine the power spectral density. If a peak output power is measured, then a peak power spectral density measurement is required. If an average output power is measured, then an average power spectral density measurement should be used. Use PSD Option 1 if Power output Option 1 was used. Use PSD Option 2 if power output Option 2 was used. Therefore, PSD Option 1 is used as below.



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PSD Option 1

Locate and zoom in on emission peak(s) within the passband. Set $RBW = 3 \text{ kHz}$, $VBW > RBW$, $\text{sweep} = (\text{SPAN}/3 \text{ kHz})$ e.g., for a span of 1.5 MHz, the sweep should be $1.5 \times 10^6 \div 3 \times 10^3 = 500$ seconds. The peak level measured must be no greater than + 8 dBm. If external attenuation is used, don't forget to add this value to the reading. Use the following guidelines for modifying the power spectral density measurement procedure when necessary.

- For devices with spectrum line spacing greater than 3 kHz no change is required.
- For devices with spectrum line spacing equal to or less than 3 kHz, the resolution bandwidth must be reduced below 3 kHz until the individual lines in the spectrum are resolved. The measurement data must then be normalized to 3 kHz by summing the power of all the individual spectral lines within a 3kHz band (in linear power units) to determine compliance.
- If the spectrum line spacing cannot be resolved on the available spectrum analyzer, the noise density function on most modern conventional spectrum analyzers will directly measure the noise power density normalized to a 1 Hz noise power bandwidth. Add 35 dB for correction to 3 kHz.
- Should all the above fail or any controversy develop regarding accuracy of measurement, the FCC Laboratory will use the HP 89440A Vector Signal Analyzer for final measurement unless a clear showing can be made for a further alternate.

ALTERNATIVE TEST PROCEDURES

If antenna conducted tests cannot be performed on this device, radiated tests to show compliance with the various conducted requirements of Section 15.247 are acceptable. As stated previously, a pre-amp must be used in making the following measurements.

1. Calculate the transmitter's peak power using the following equation:

Where: E = the measured maximum field strength in V/m.

Set the $RBW > 6\text{dB}$ bandwidth of the emission or use a peak power meter.

$P = (E \times d)^2 / (30 \times G)$

G = the numeric gain of the transmitting antenna over an isotropic radiator.

d = the distance in meters from which the field strength was measured.

P = the power in watts for which you are solving:

2. Measure the power spectral density as follows:

A. Tune the analyzer to the highest point of the maximized fundamental emission.

Reset the analyzer to a $RBW = 3 \text{ kHz}$, $VBW > RBW$, $\text{span} = 300 \text{ kHz}$, $\text{sweep} = 100 \text{ sec}$.

B. From the peak level obtained in (A), derive the field strength, E, by applying the appropriate antenna factor, cable loss, pre-amp gain, etc. Using the equation listed in (1), calculate a power level for comparison to the + 8 dBm limit.

Note: The above settings are used for peak measurements. The optional procedures for output power and power spectral density measurements can be used when applicable.



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Appendix

A Measurement diagrams

1. Peak Output Power
2. Spurious Emissions radiated
3. Band Edge Measurement
4. Minimum 6dB Bandwidth
5. Peak Power Spectral Density
6. Power Line Conducted Emission

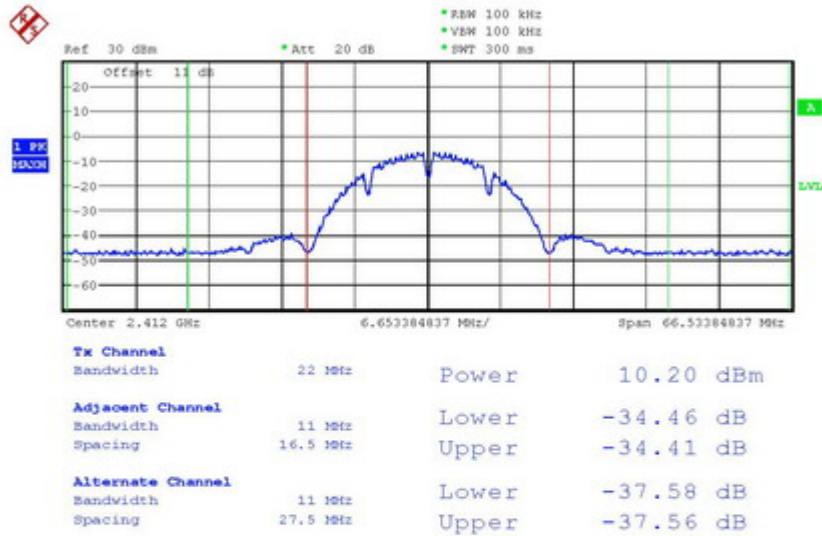
B Multi-listing model number



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Peak Output Power Mode A

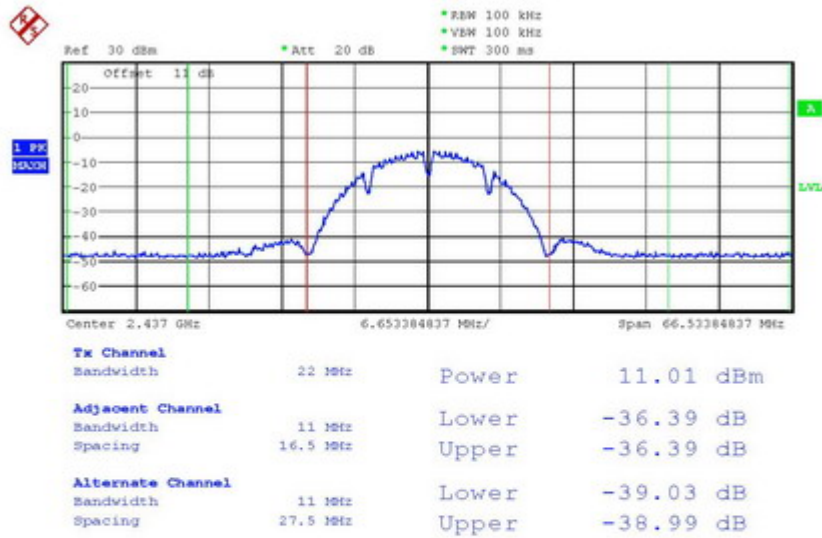


MAX OUTPUT POWER 802.11b CH1
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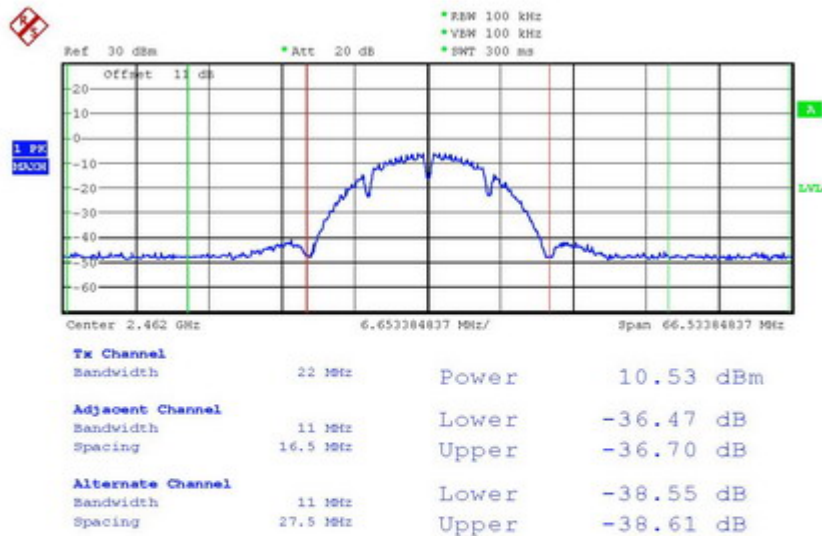


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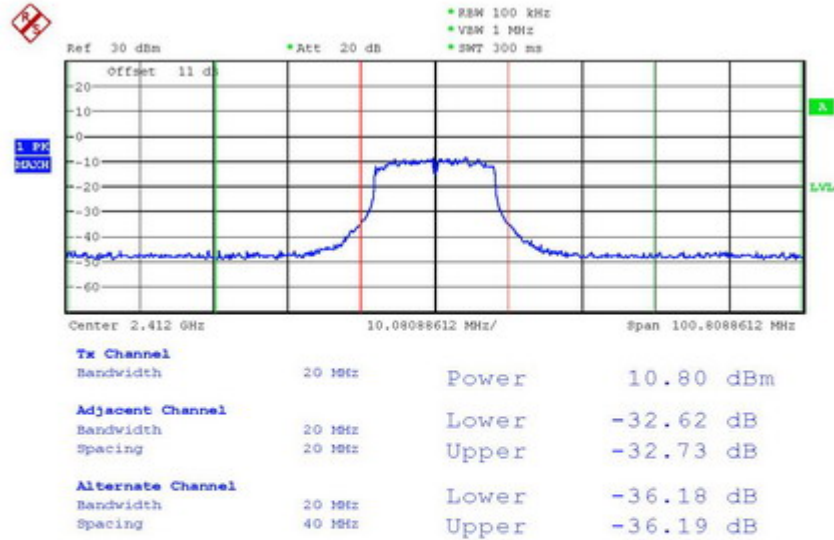


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Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N

Mode B

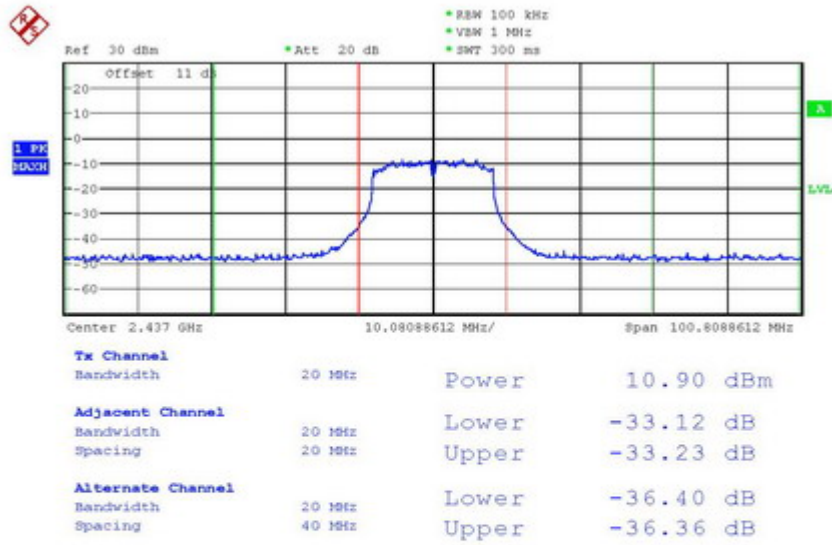


MAX OUTPUT POWER 802.11g CH1
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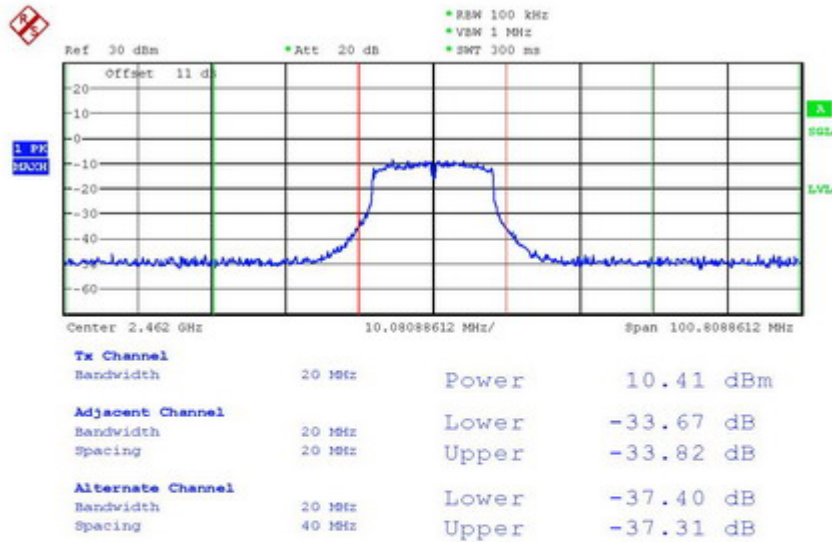


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Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N



MAX OUTPUT POWER 802.11g CH6
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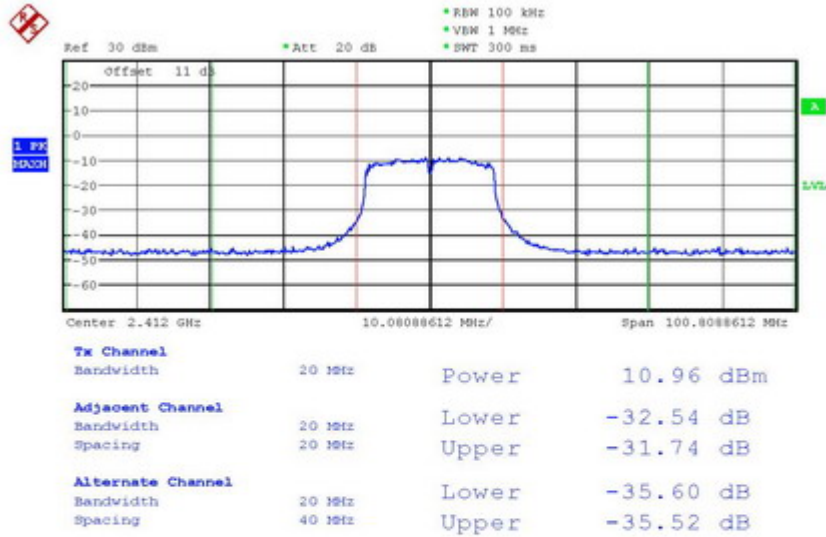
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Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode C

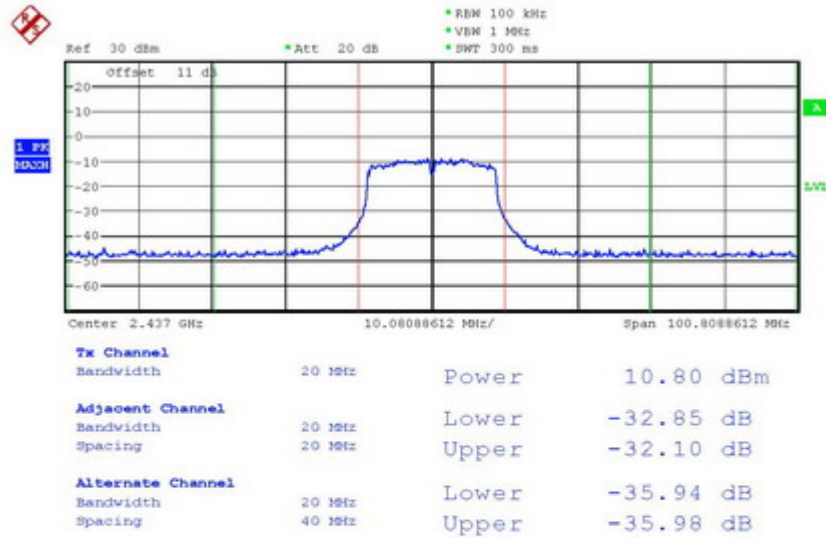


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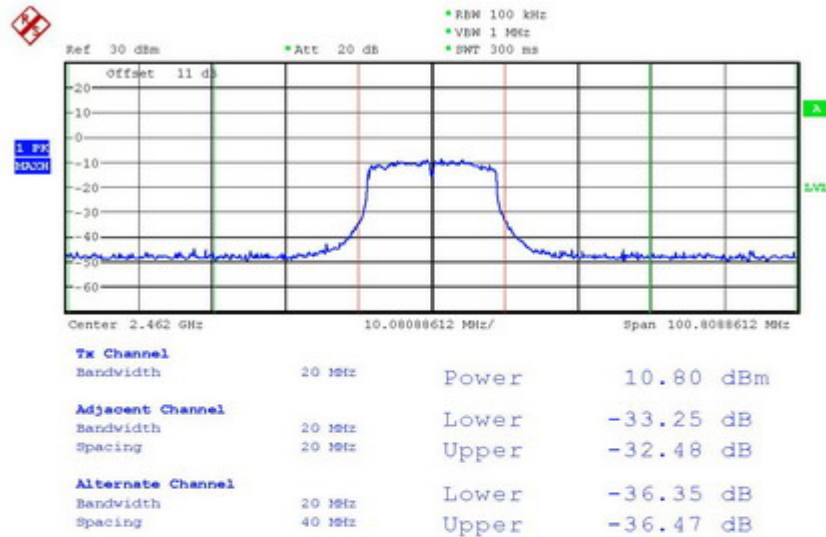


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Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N



MAX OUTPUT POWER 802.11n 20MHz CH6
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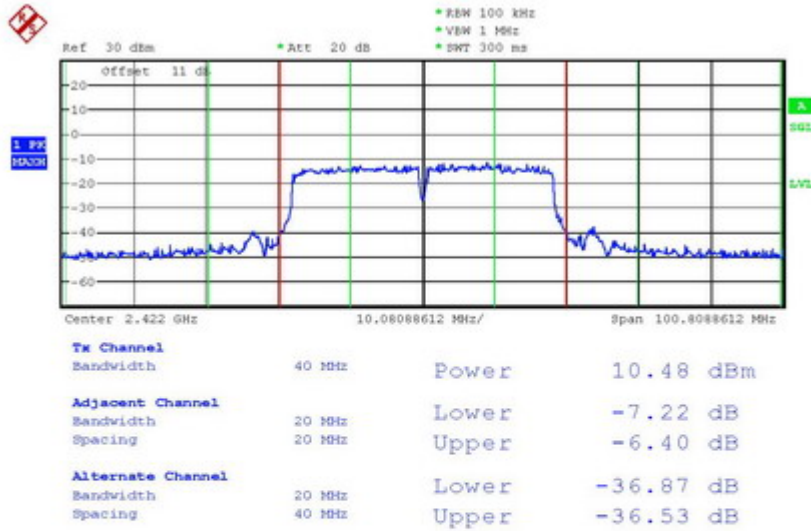


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Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N

Mode D

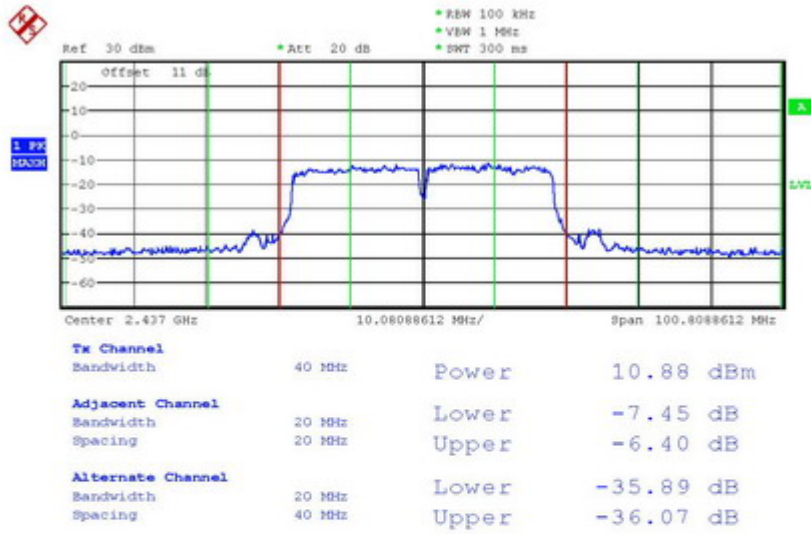


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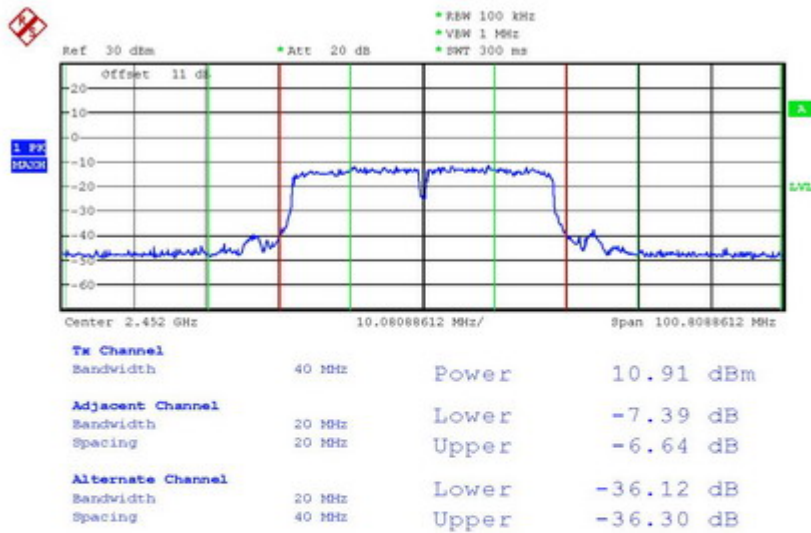


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N



MAX OUTPUT POWER 802.11n 40MHz CH4
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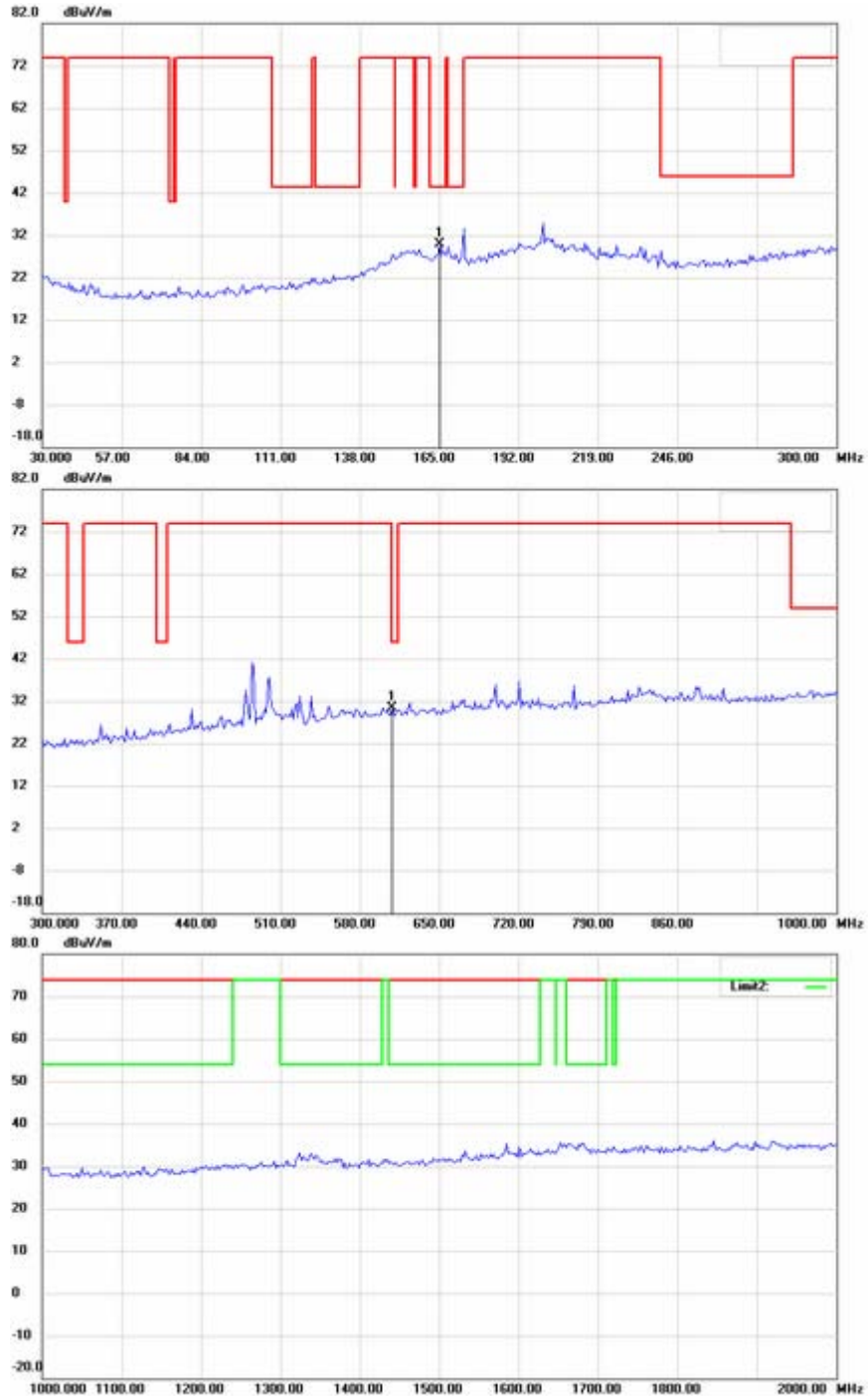


MAX OUTPUT POWER 802.11n 40MHz CH7
 Date: 9.DEC.2008 08:13:16



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Spurious Emissions radiated Mode A_Channel 1 Antenna Polarization H



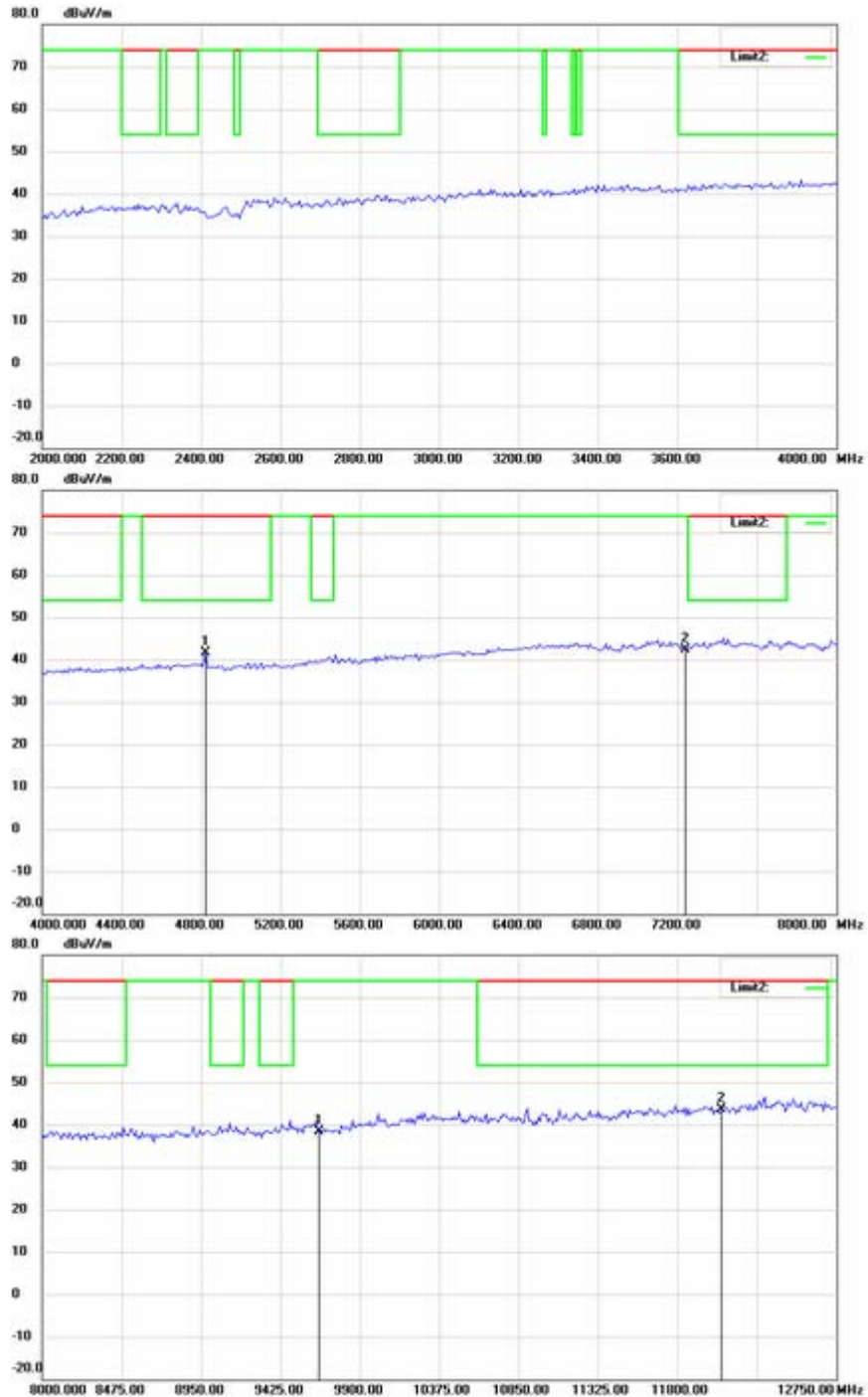
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



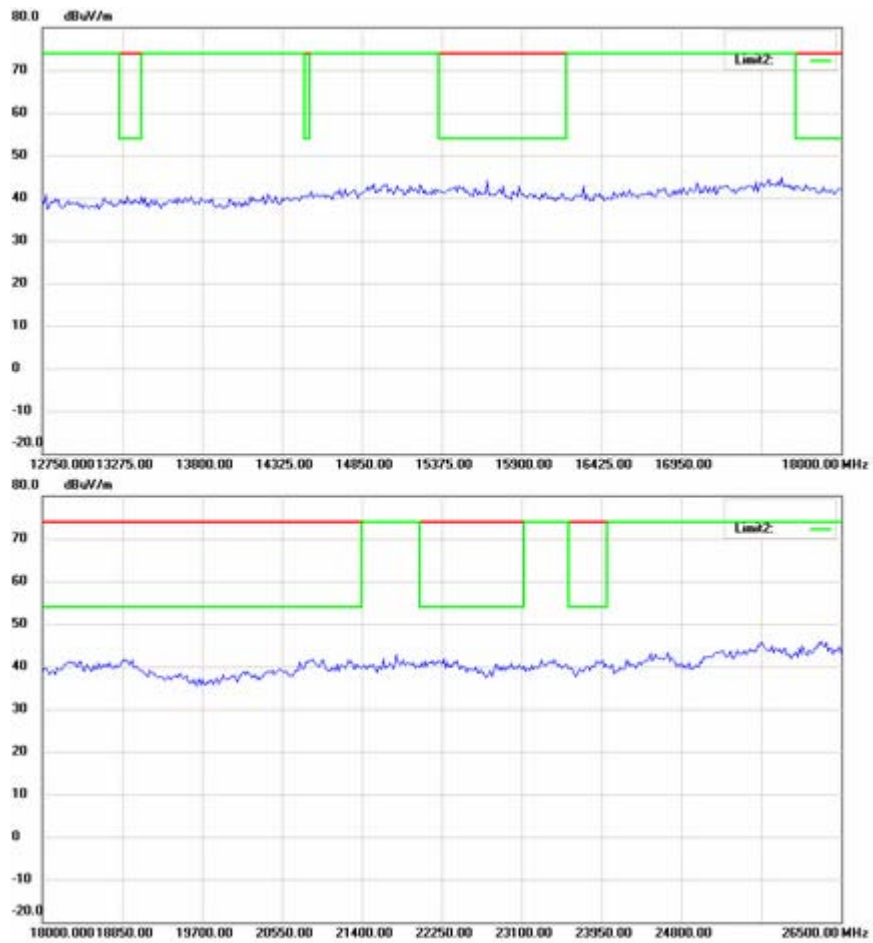
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N



Antenna Polarization V



Up Line: Peak Limit Line
Down Line: Ave Limit Line

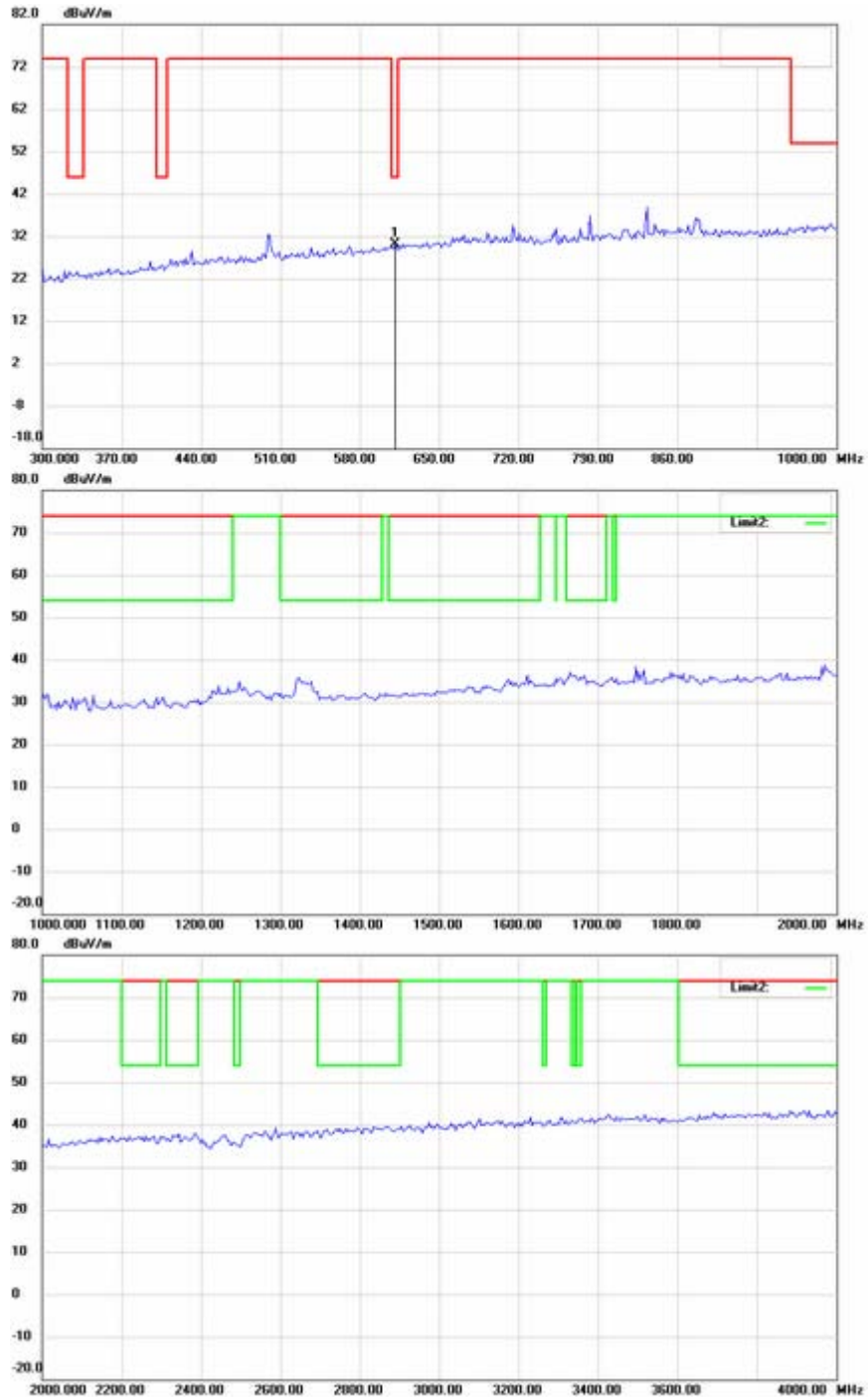
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



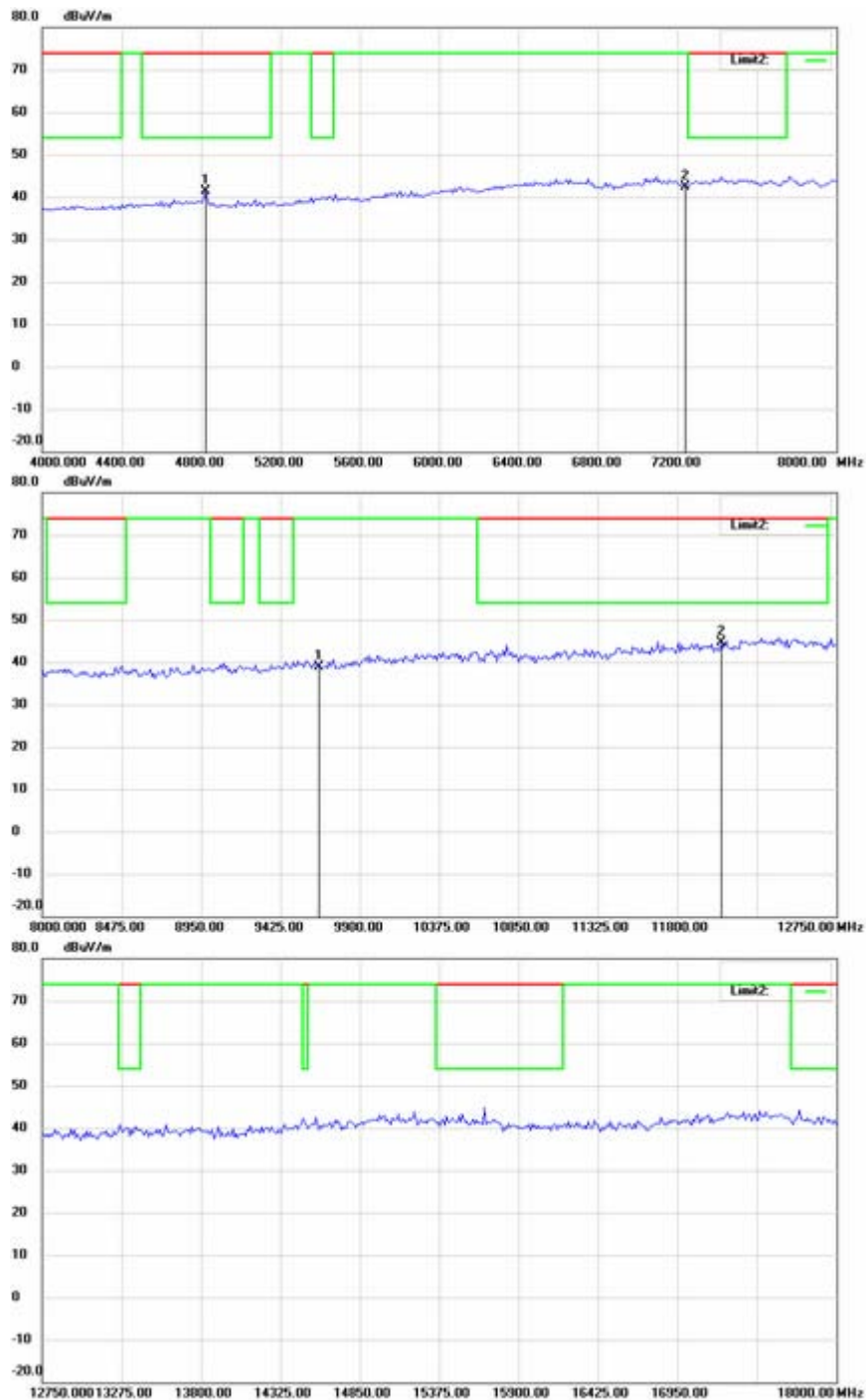
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



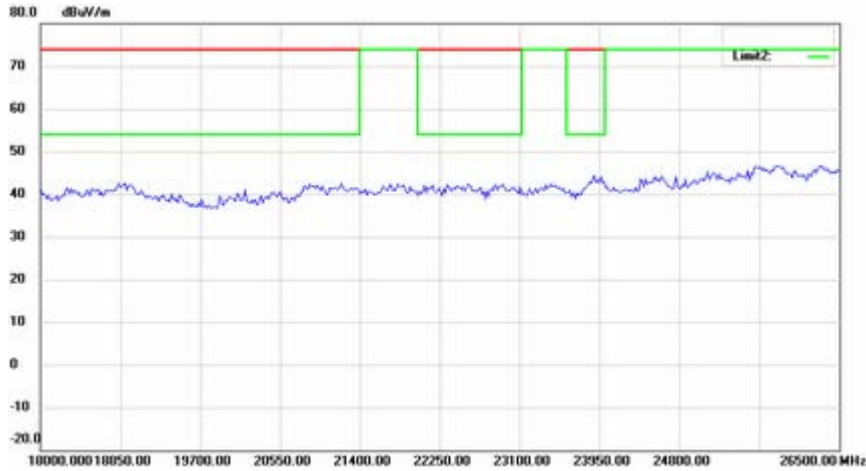
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

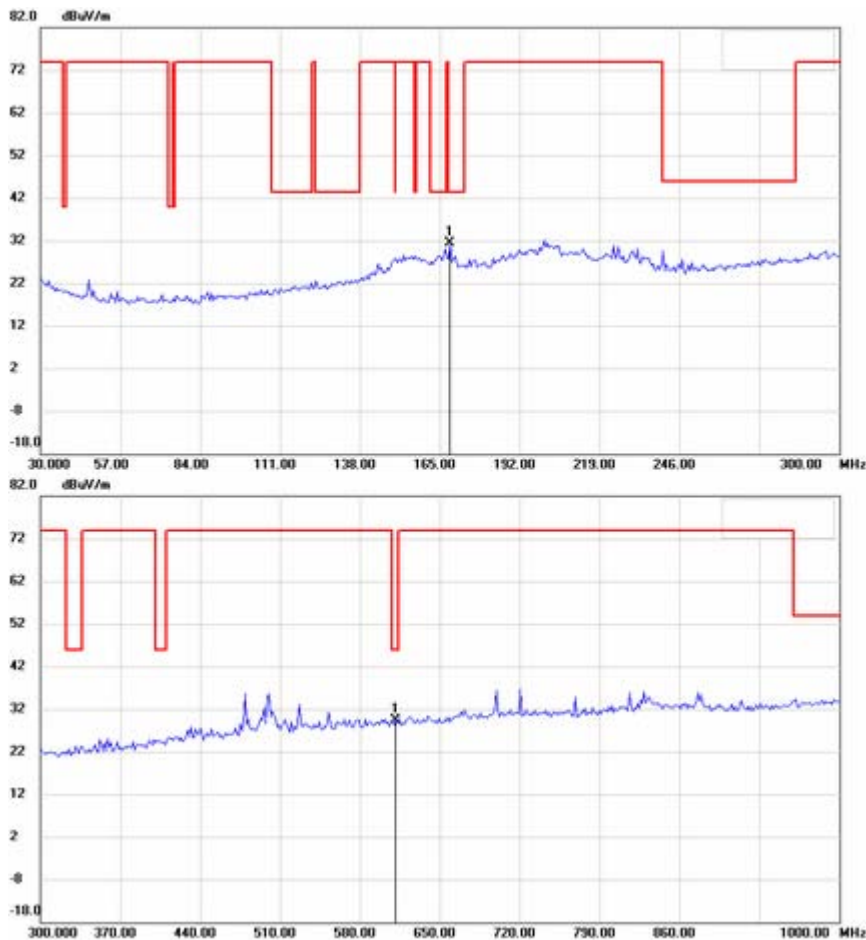
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Channel 6 Antenna Polarization H



Up Line: Peak Limit Line
Down Line: Ave Limit Line

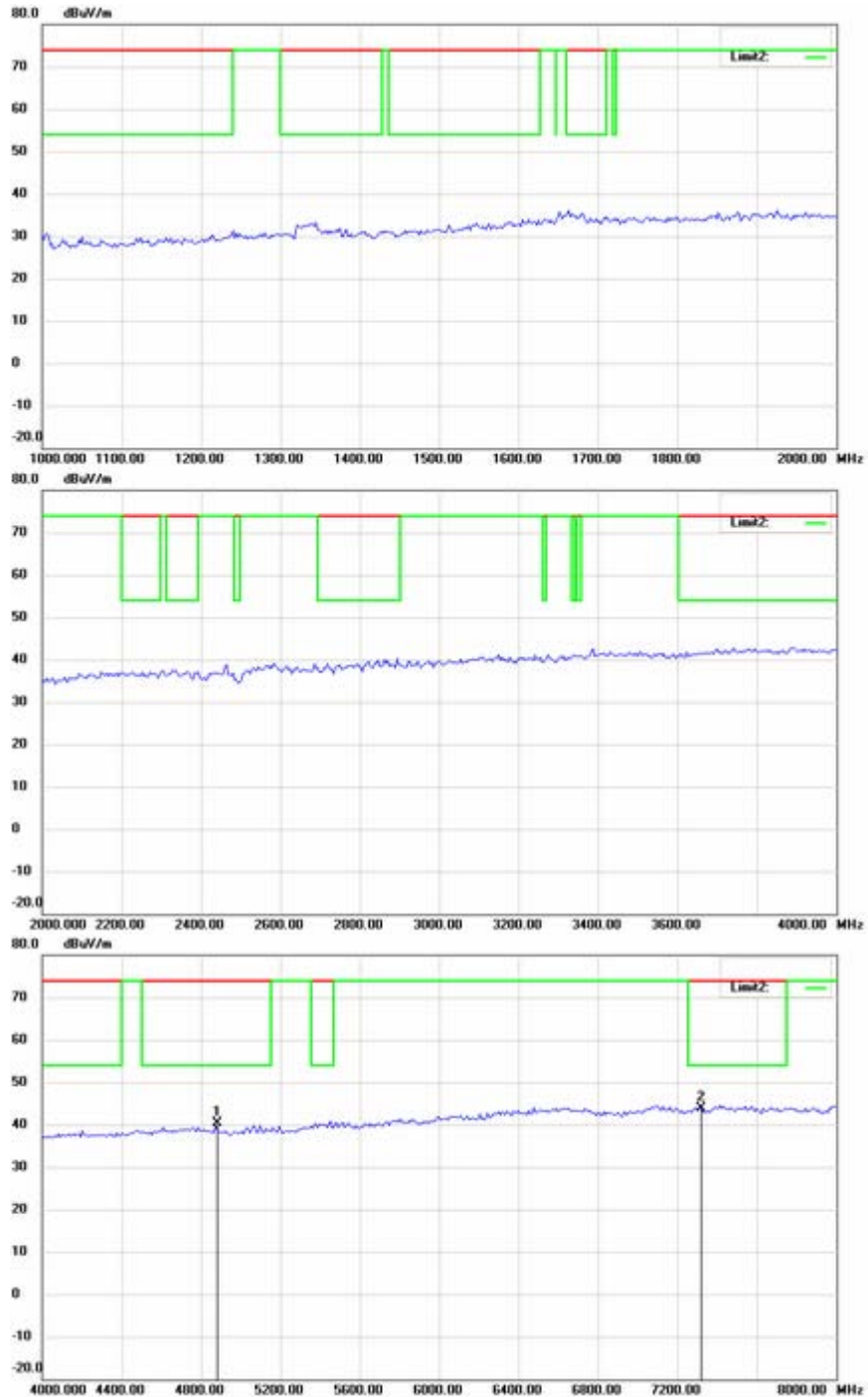
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



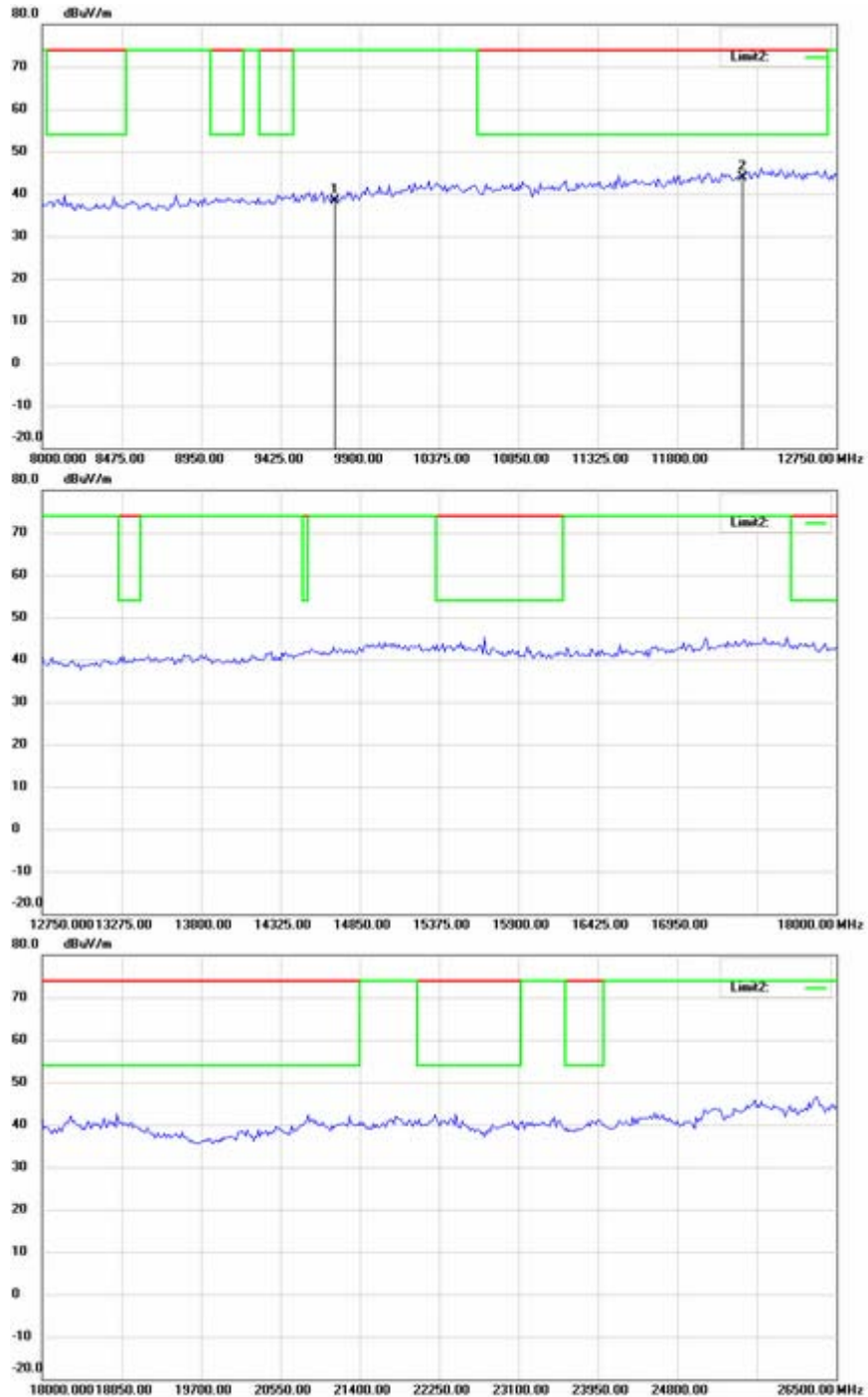
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Up Line: Peak Limit Line
Down Line: Ave Limit Line

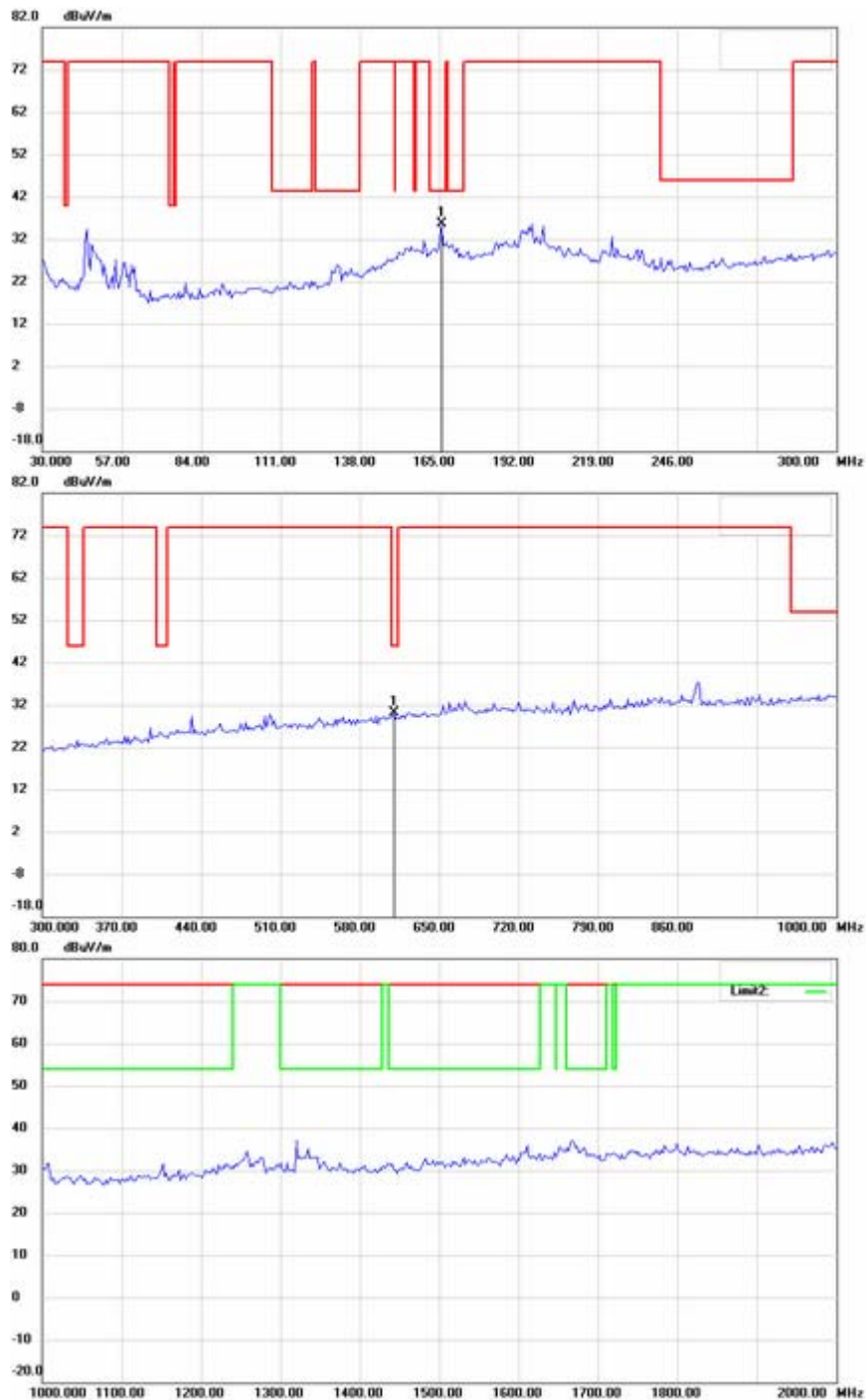
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Antenna Polarization V



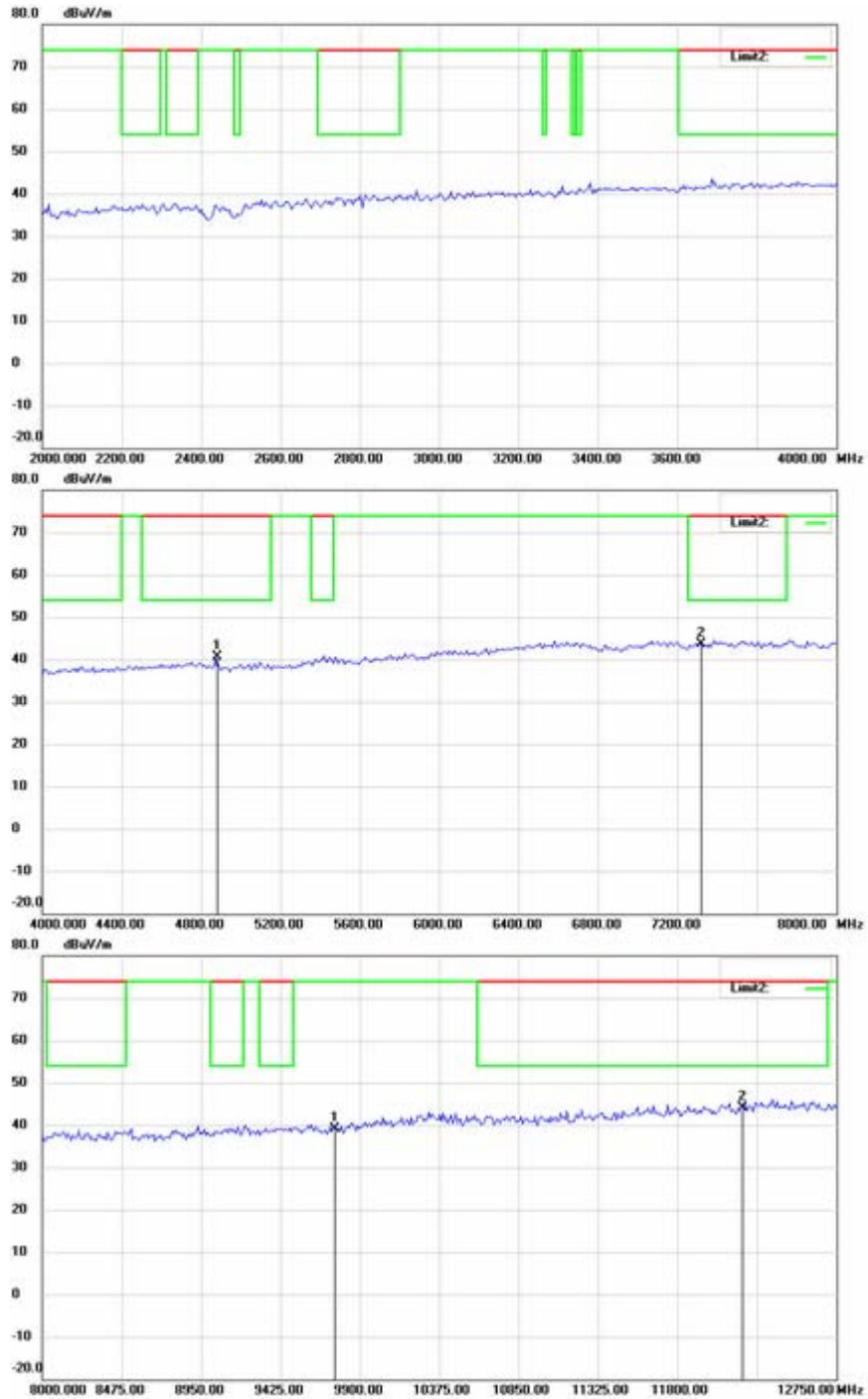
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



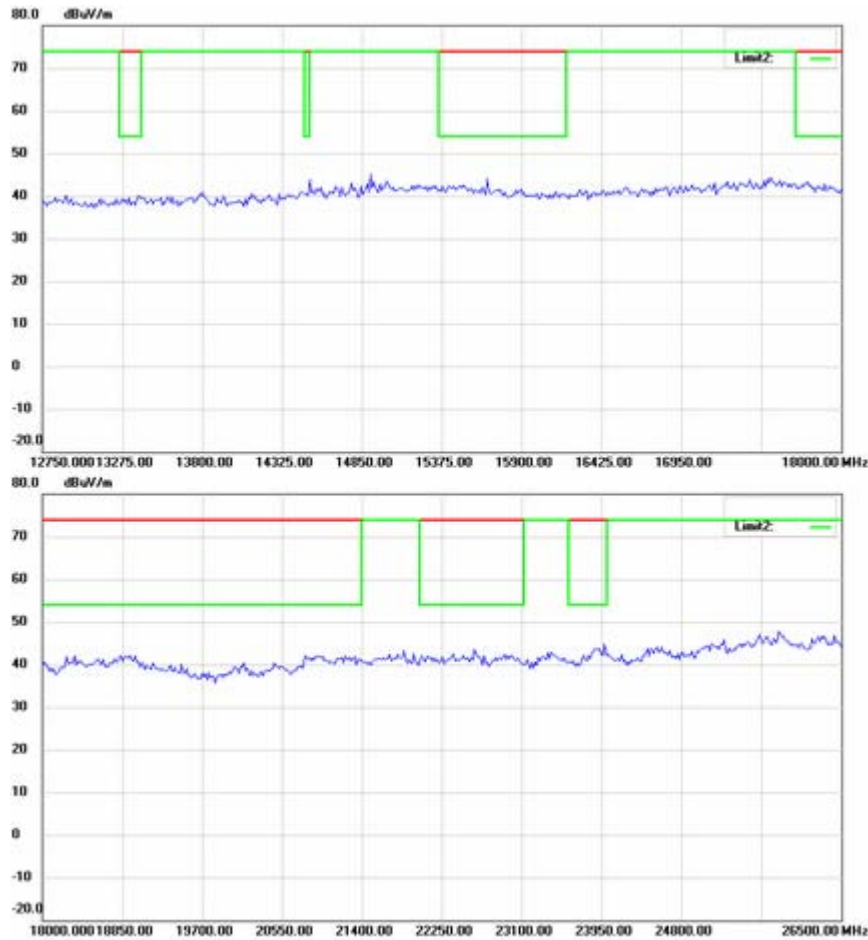
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

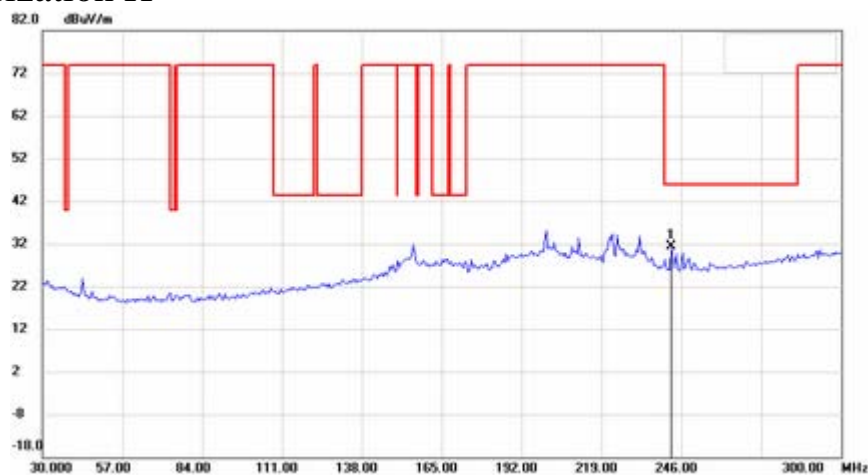
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Channel 11 Antenna Polarization H



Up Line: Peak Limit Line
Down Line: Ave Limit Line

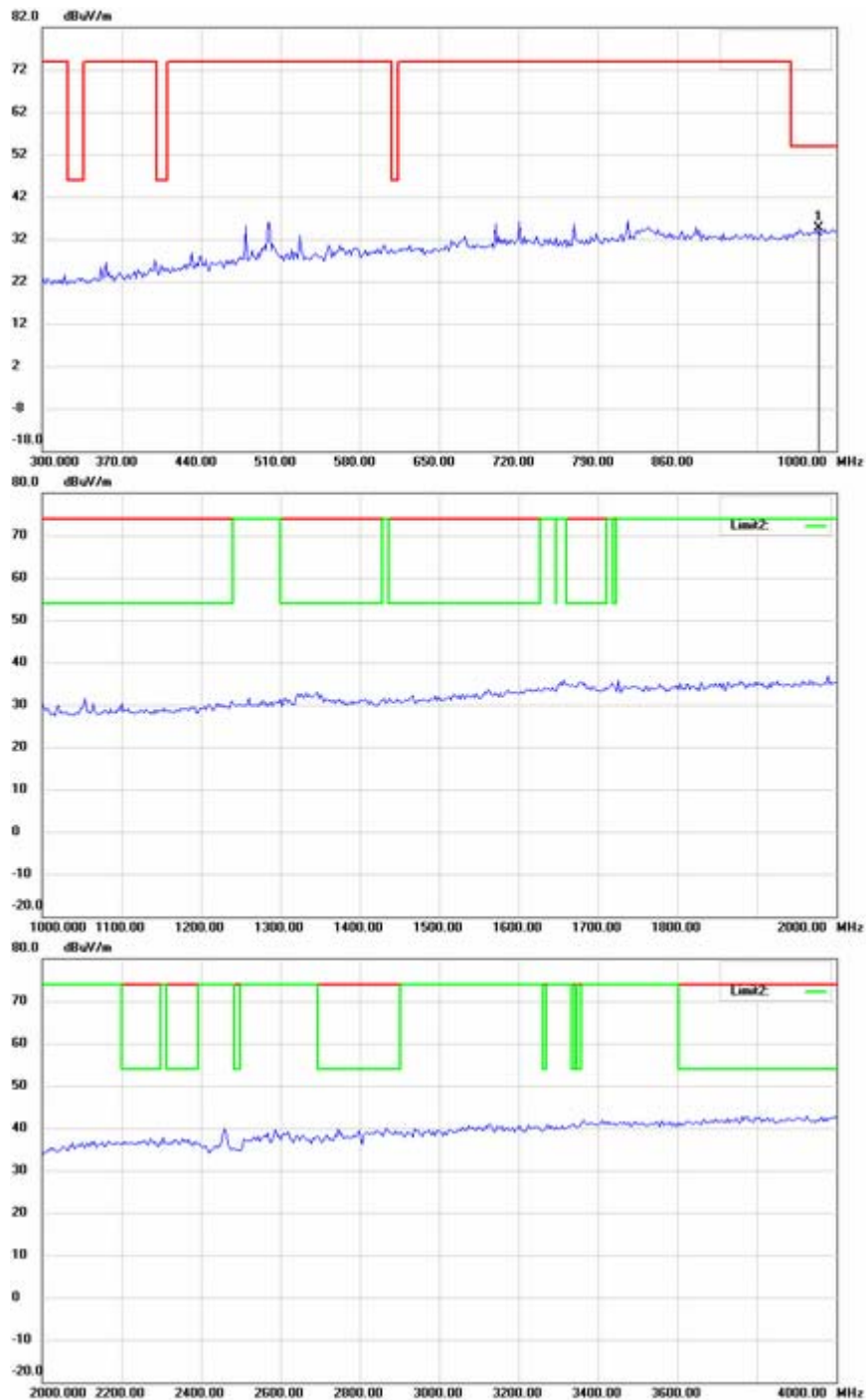
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



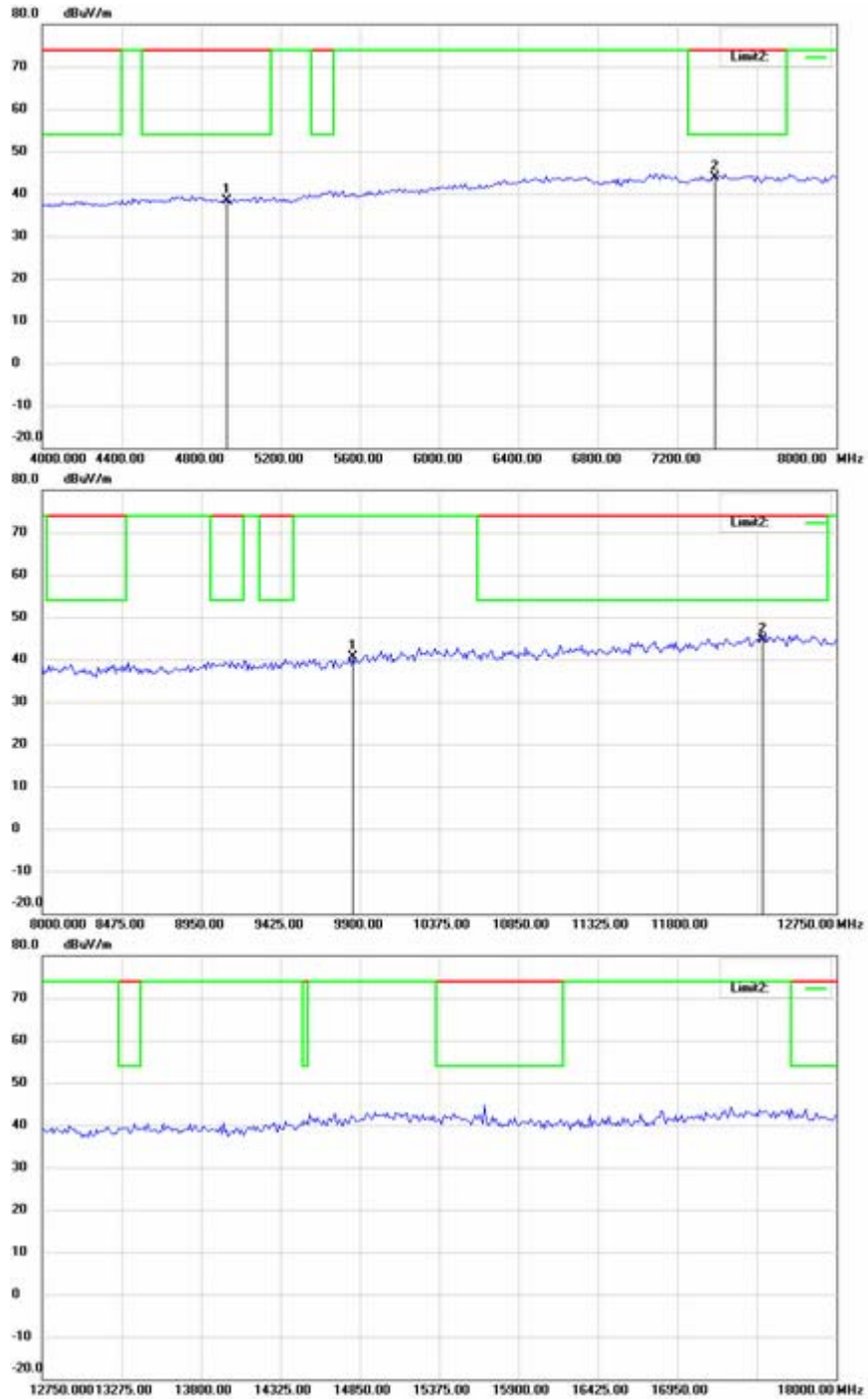
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



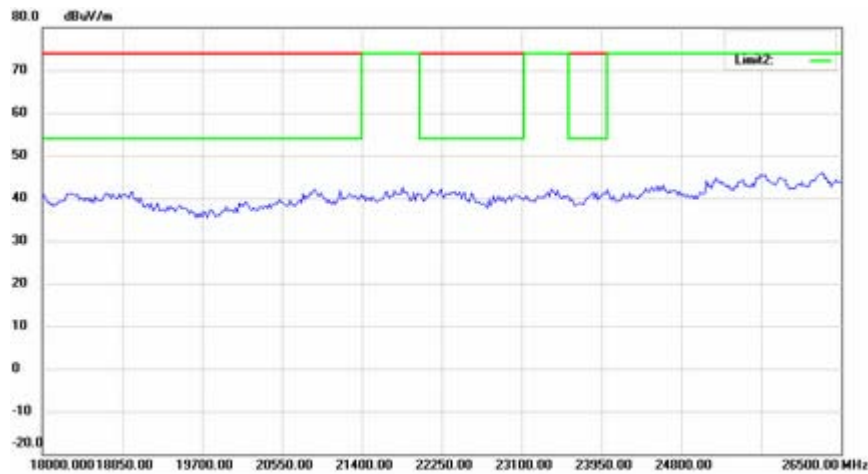
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

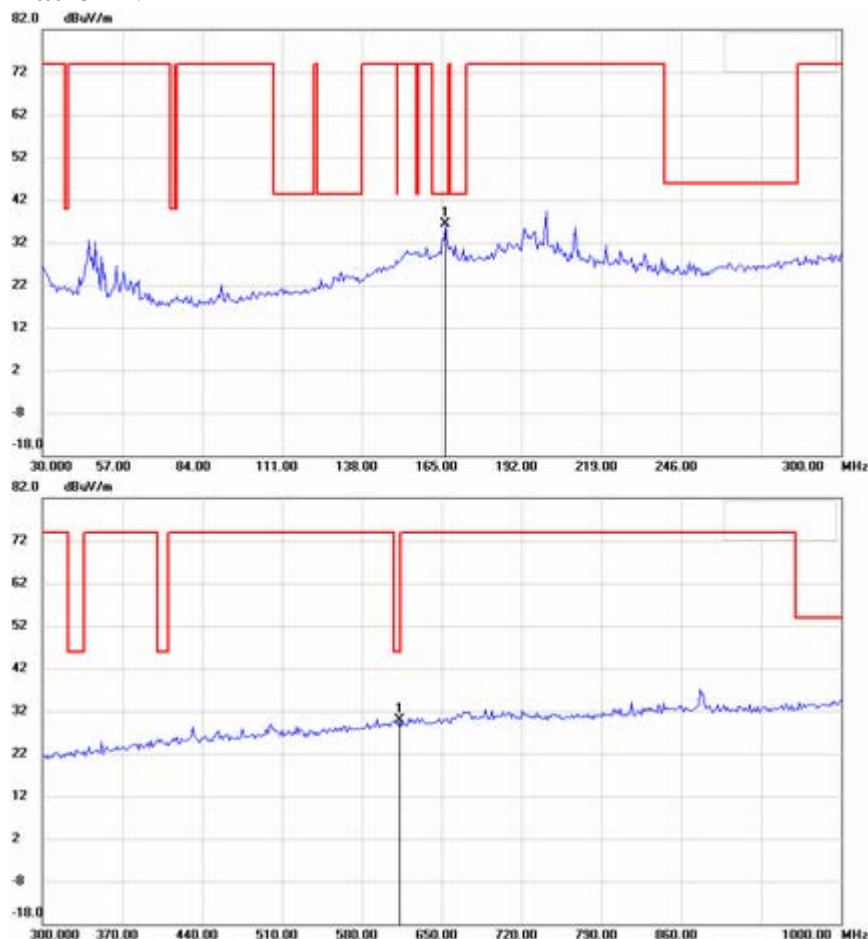
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Antenna Polarization V



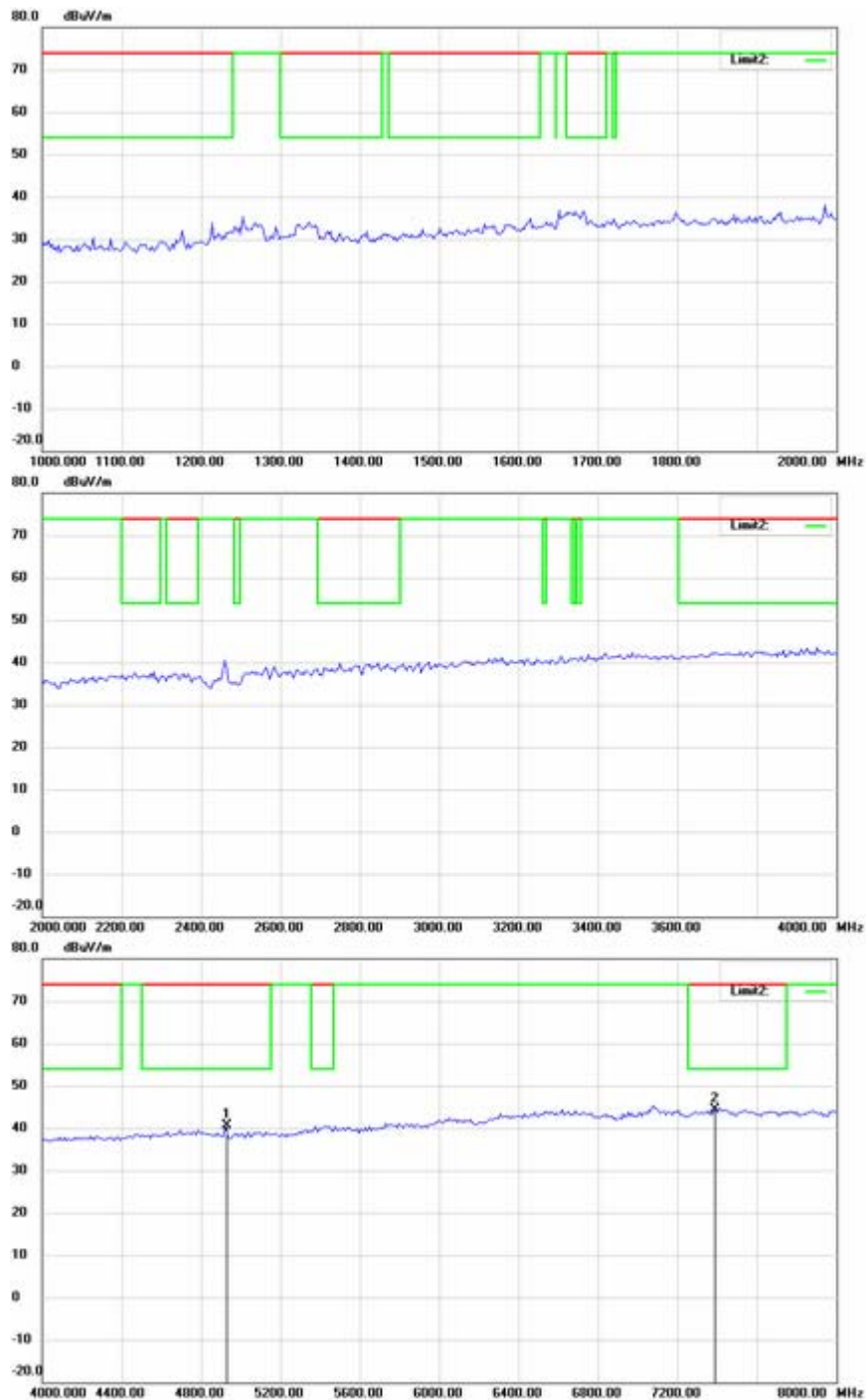
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



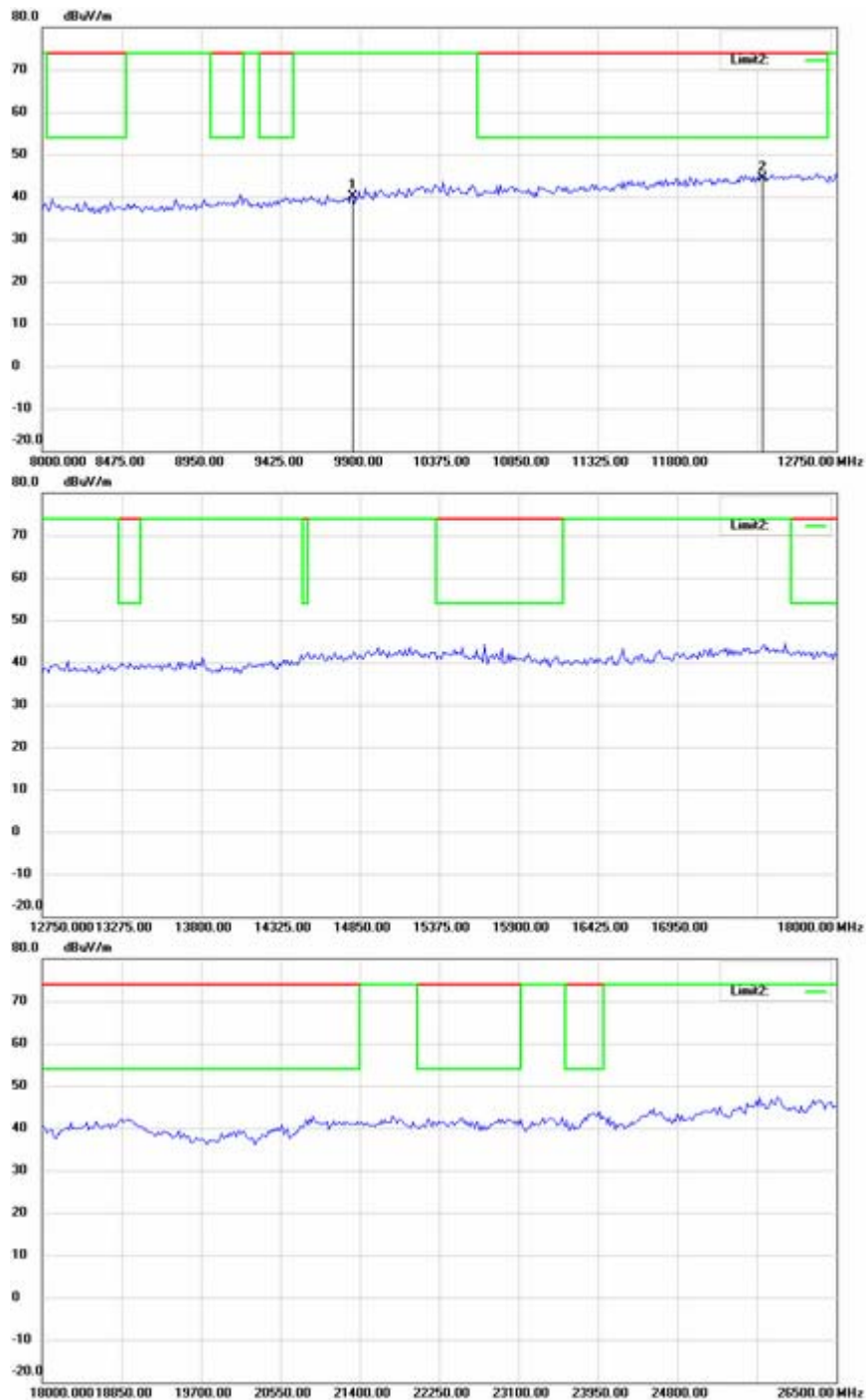
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Up Line: Peak Limit Line
Down Line: Ave Limit Line

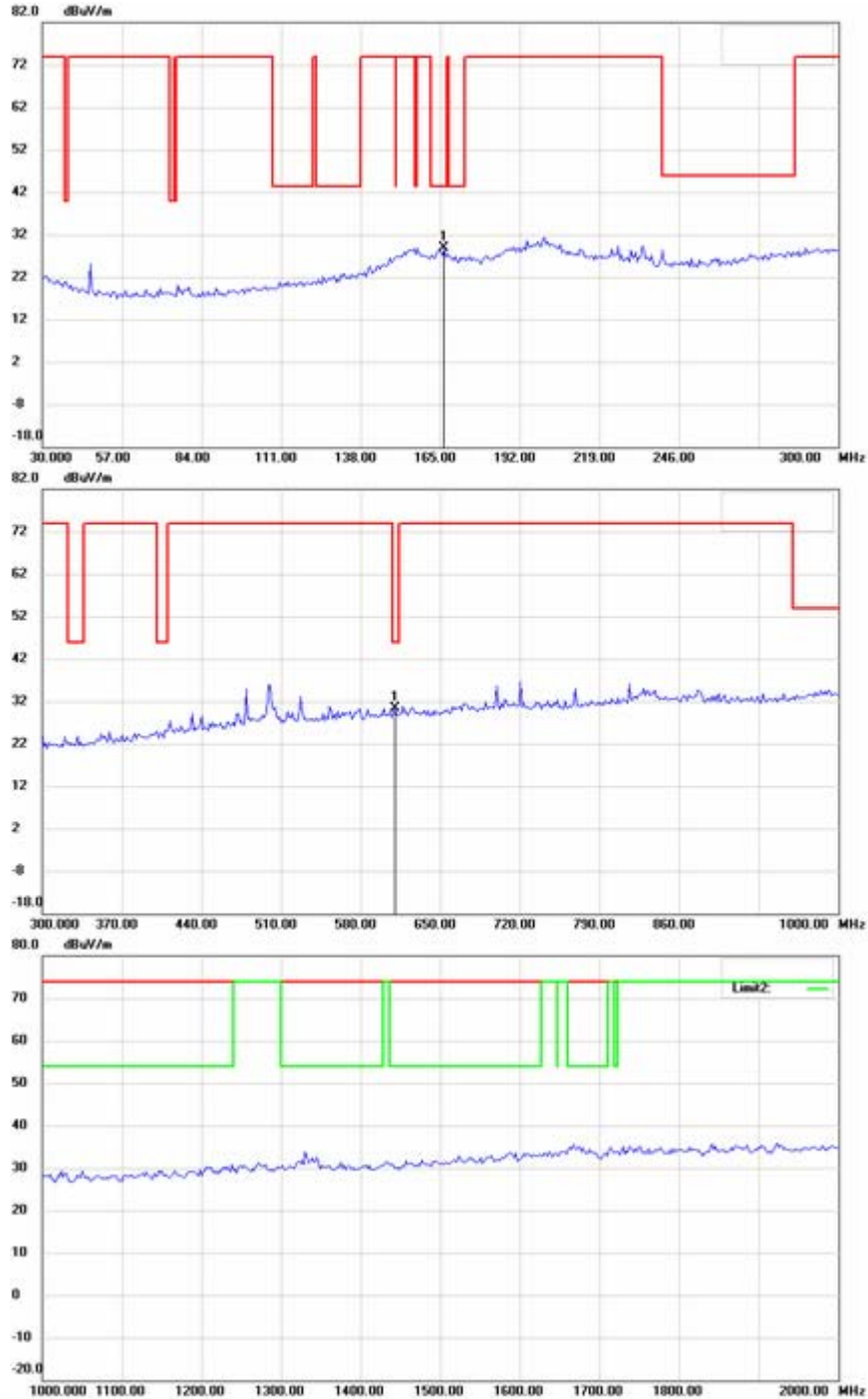
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode B_Channel 1 Antenna Polarization H



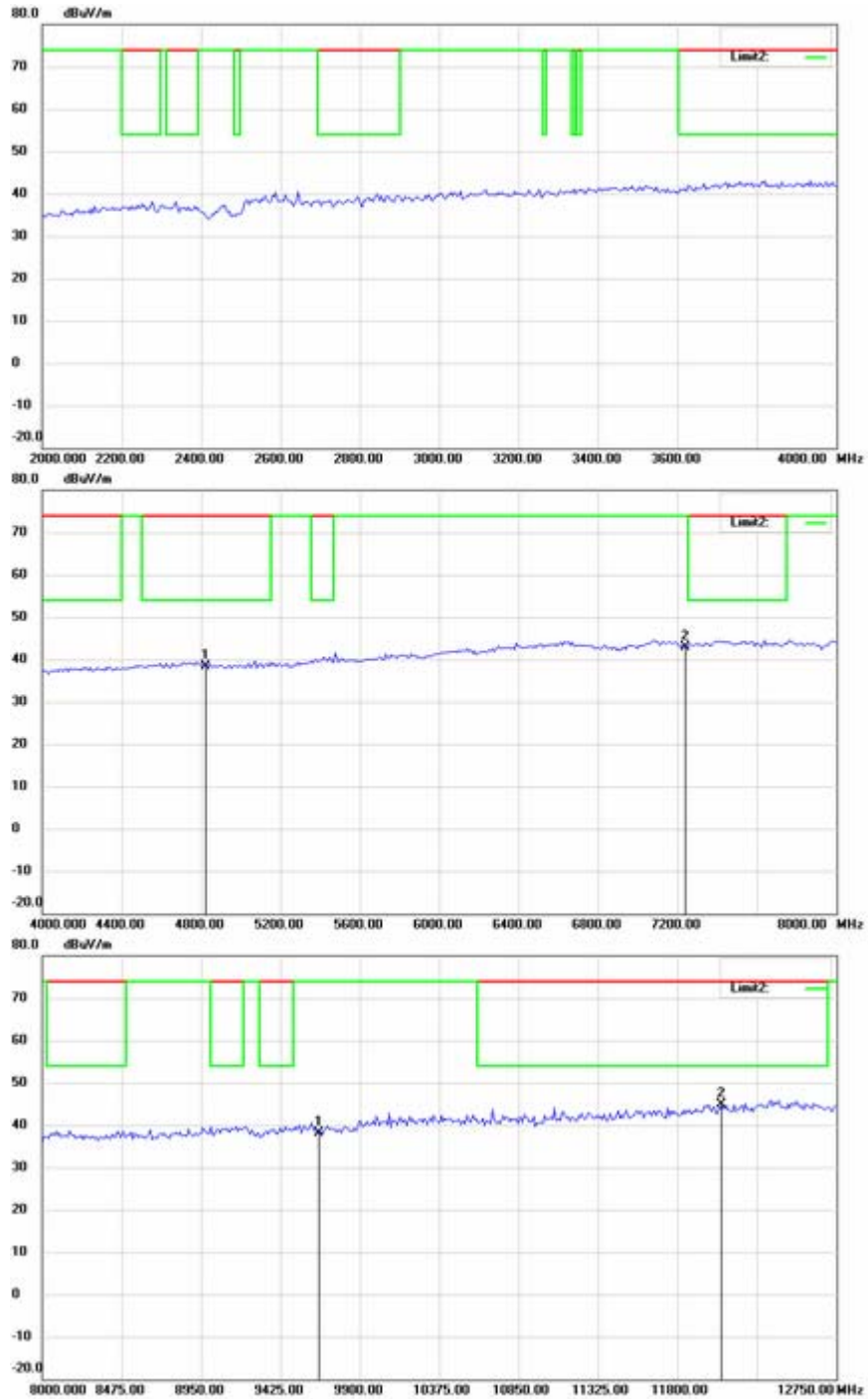
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



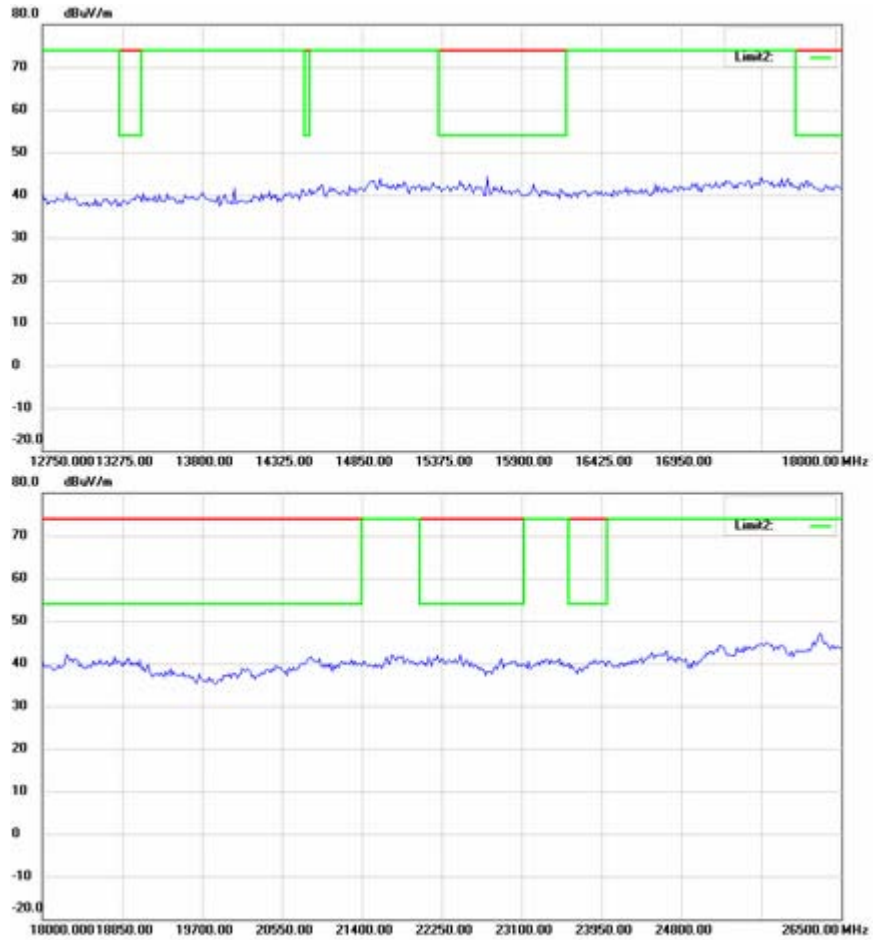
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

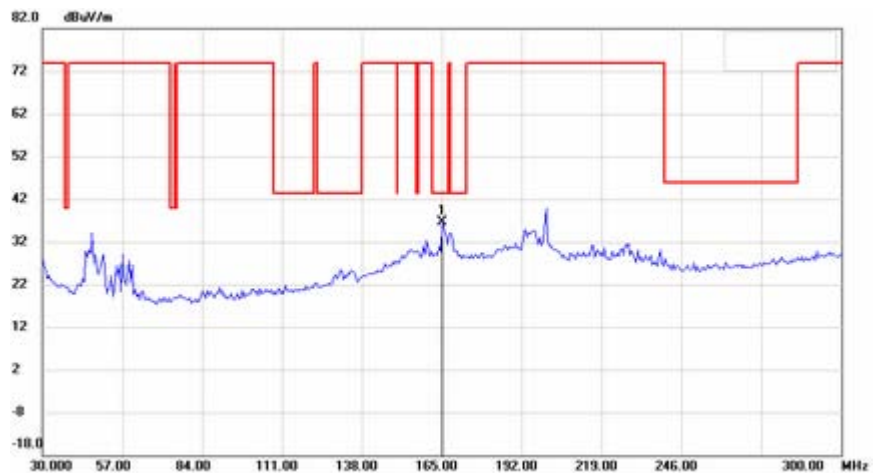
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Antenna Polarization V



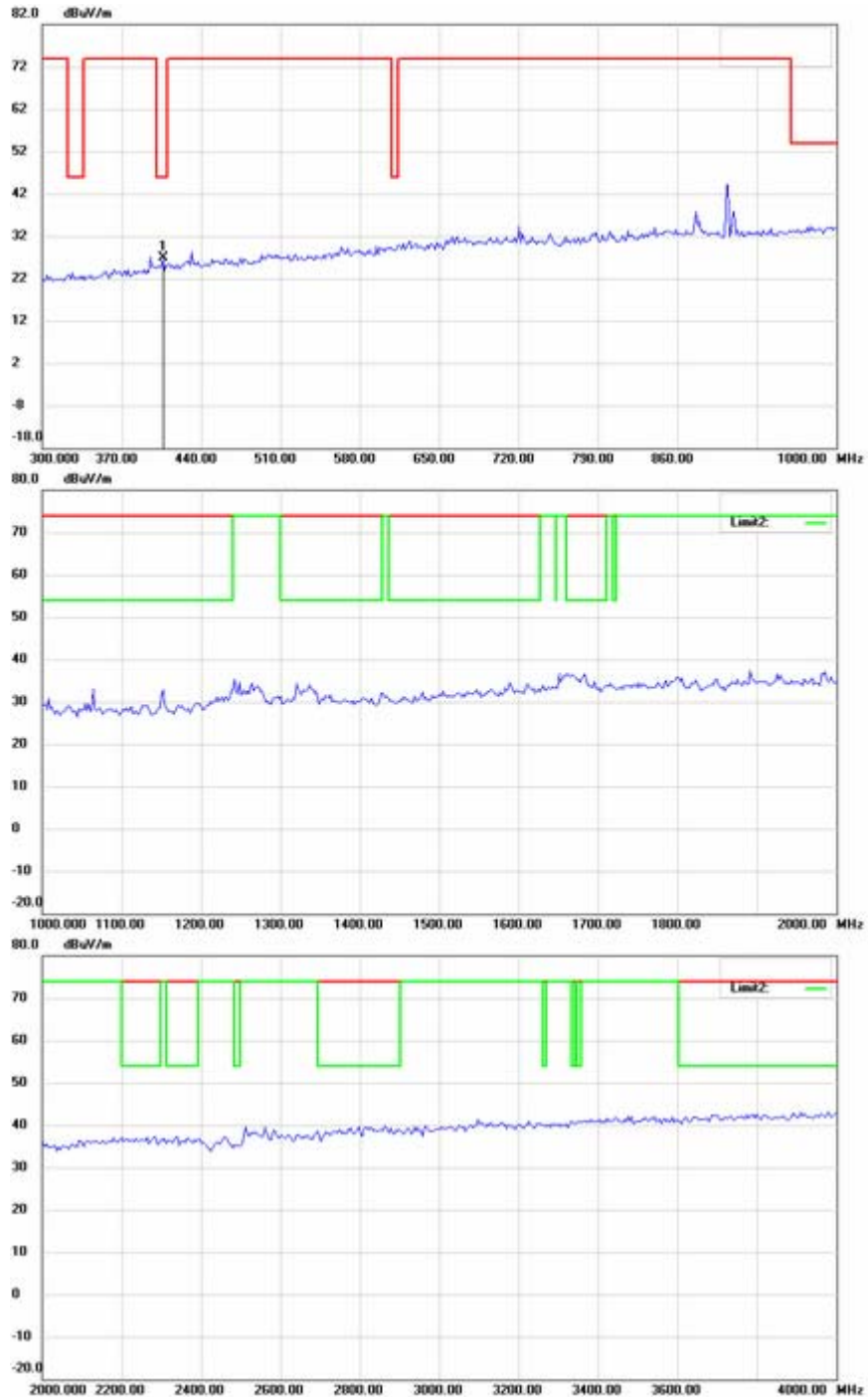
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



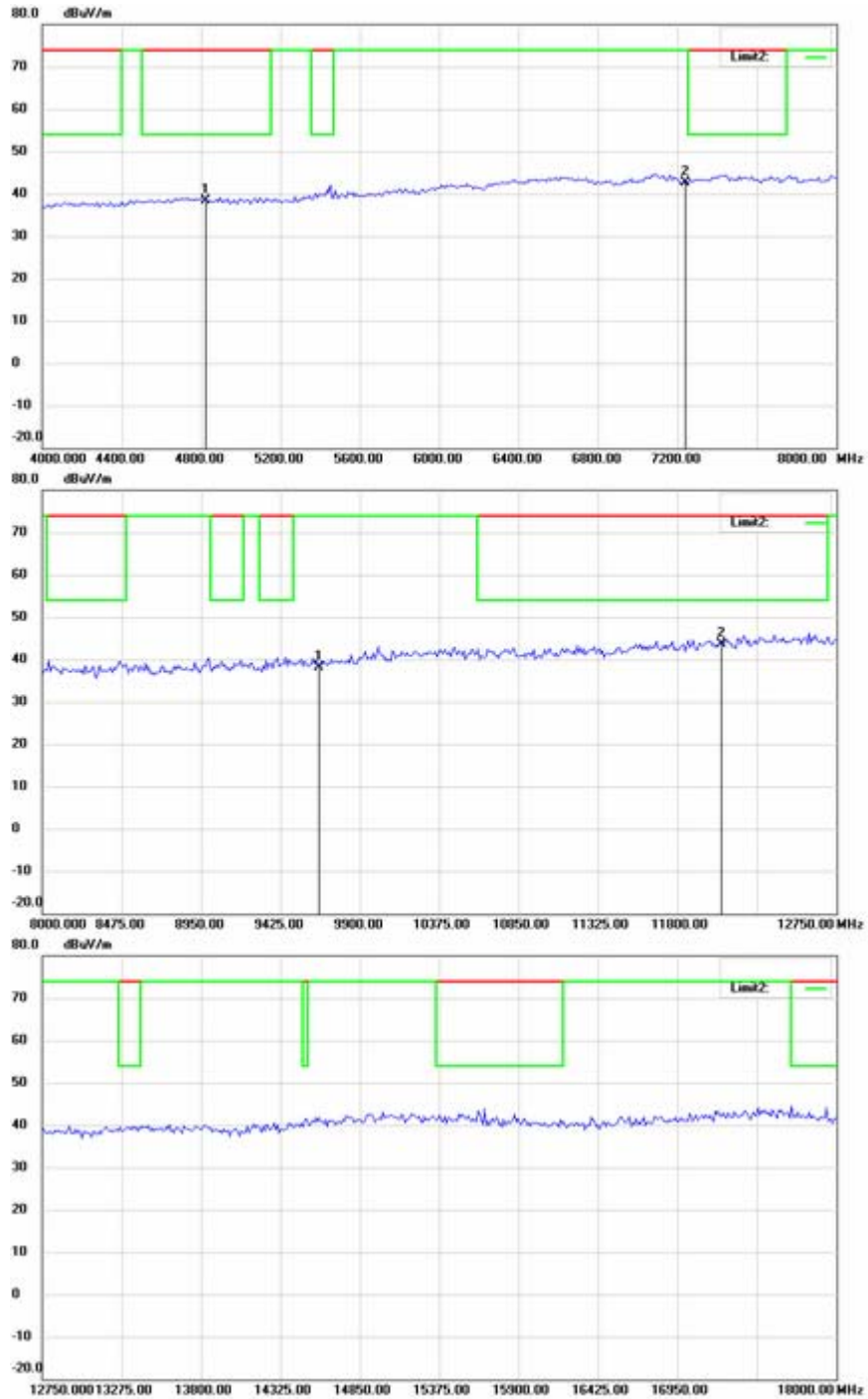
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



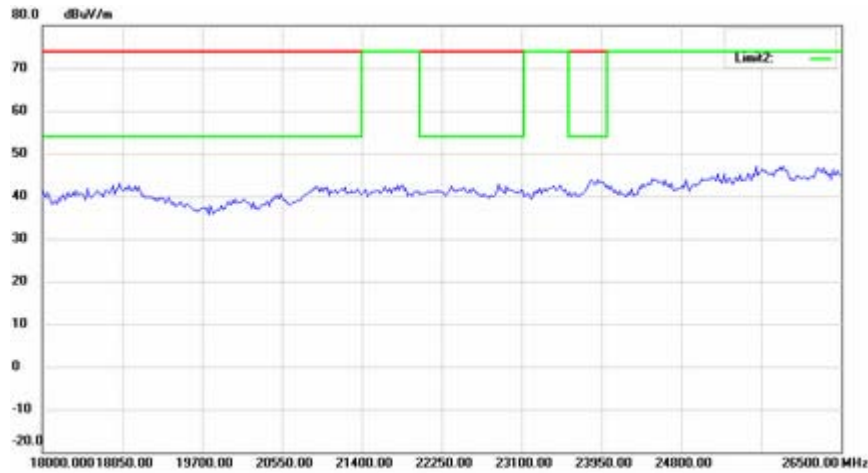
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

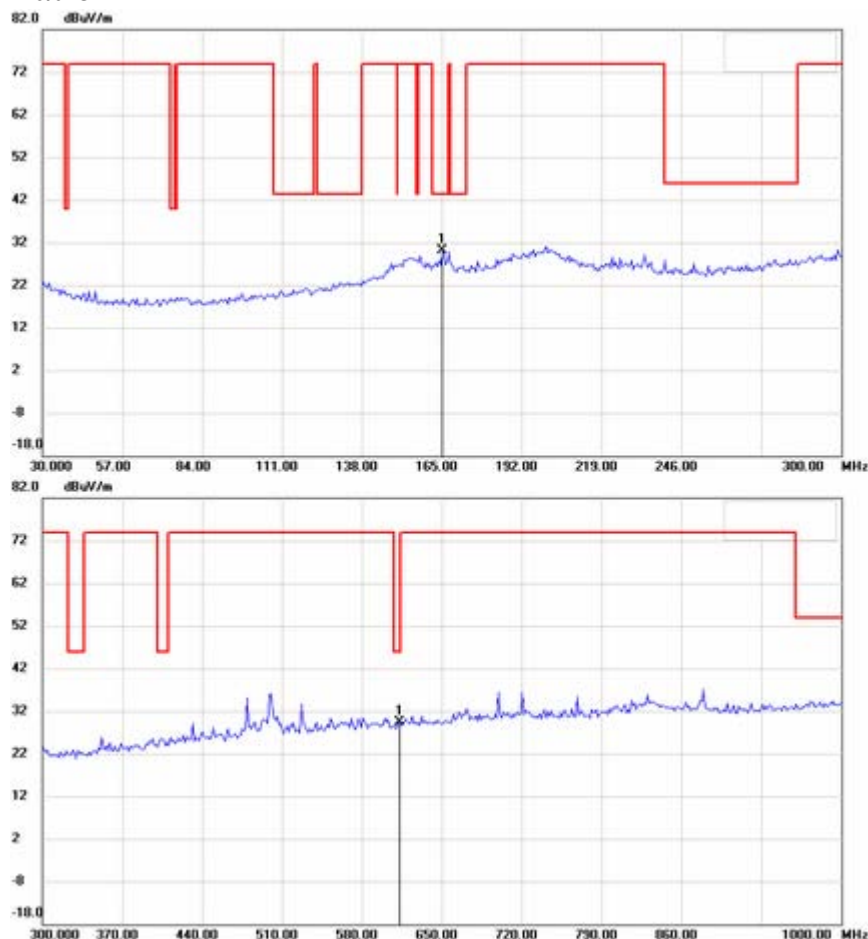
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
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Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Channel 6 Antenna Polarization H



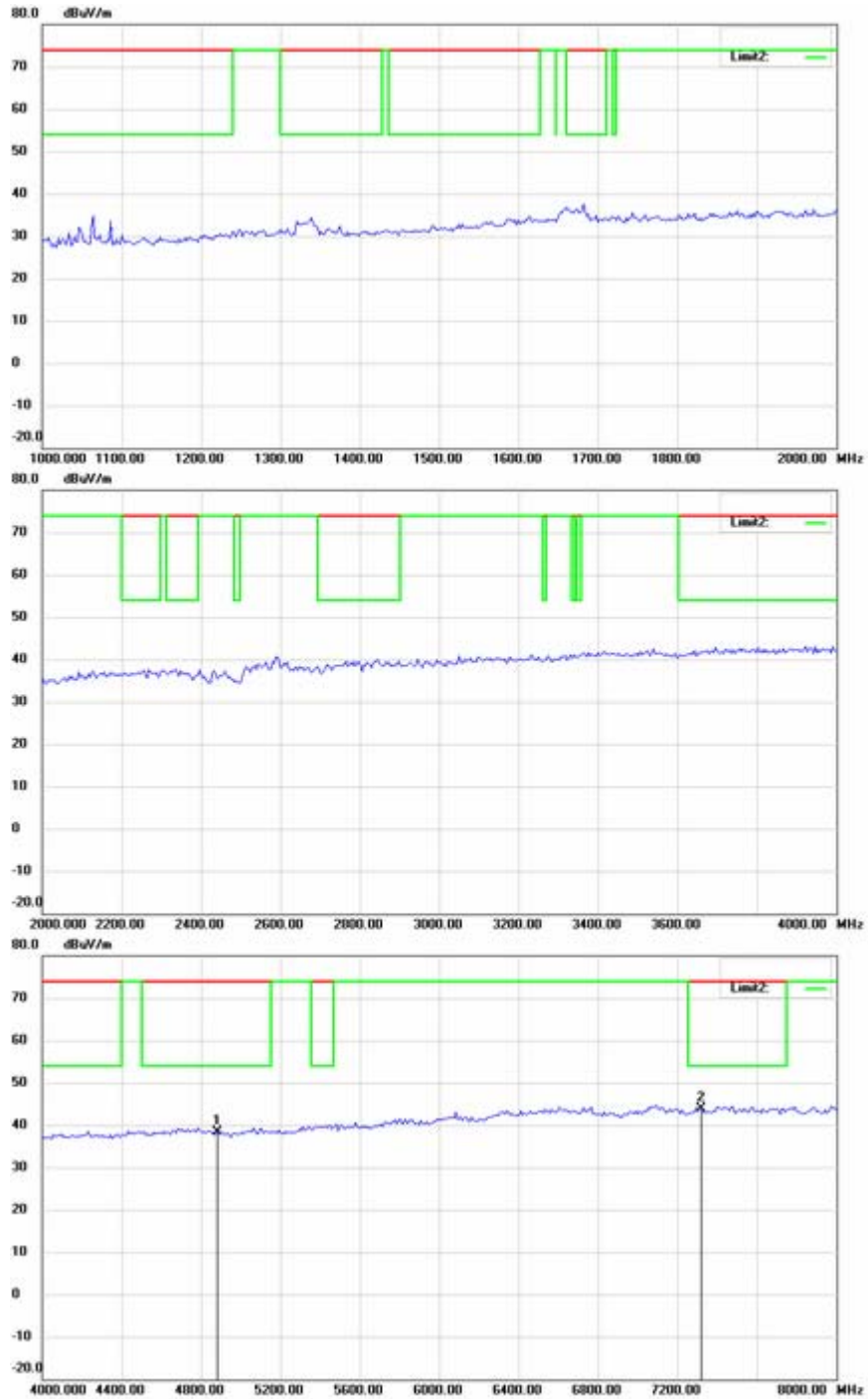
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



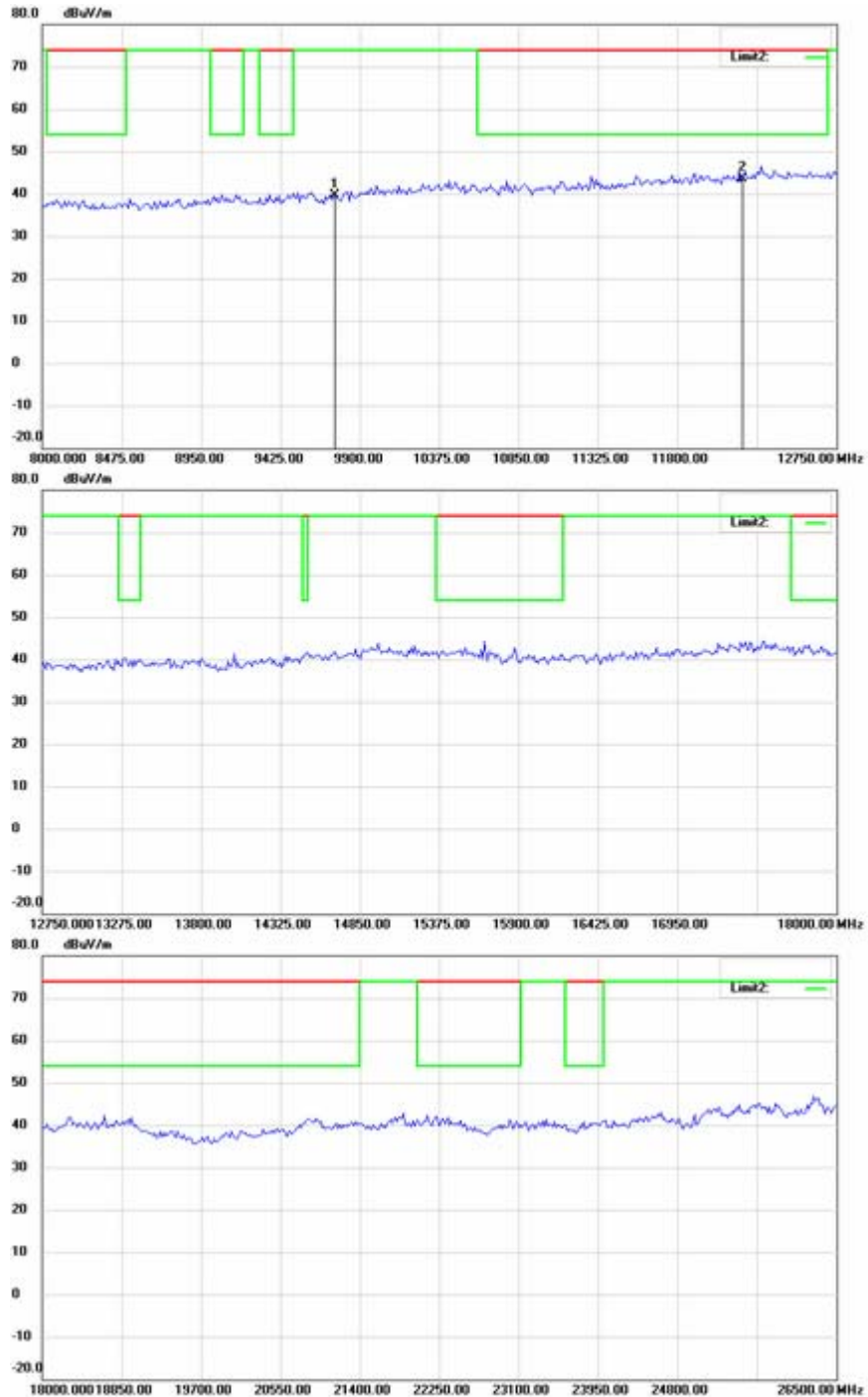
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed of the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Up Line: Peak Limit Line
Down Line: Ave Limit Line

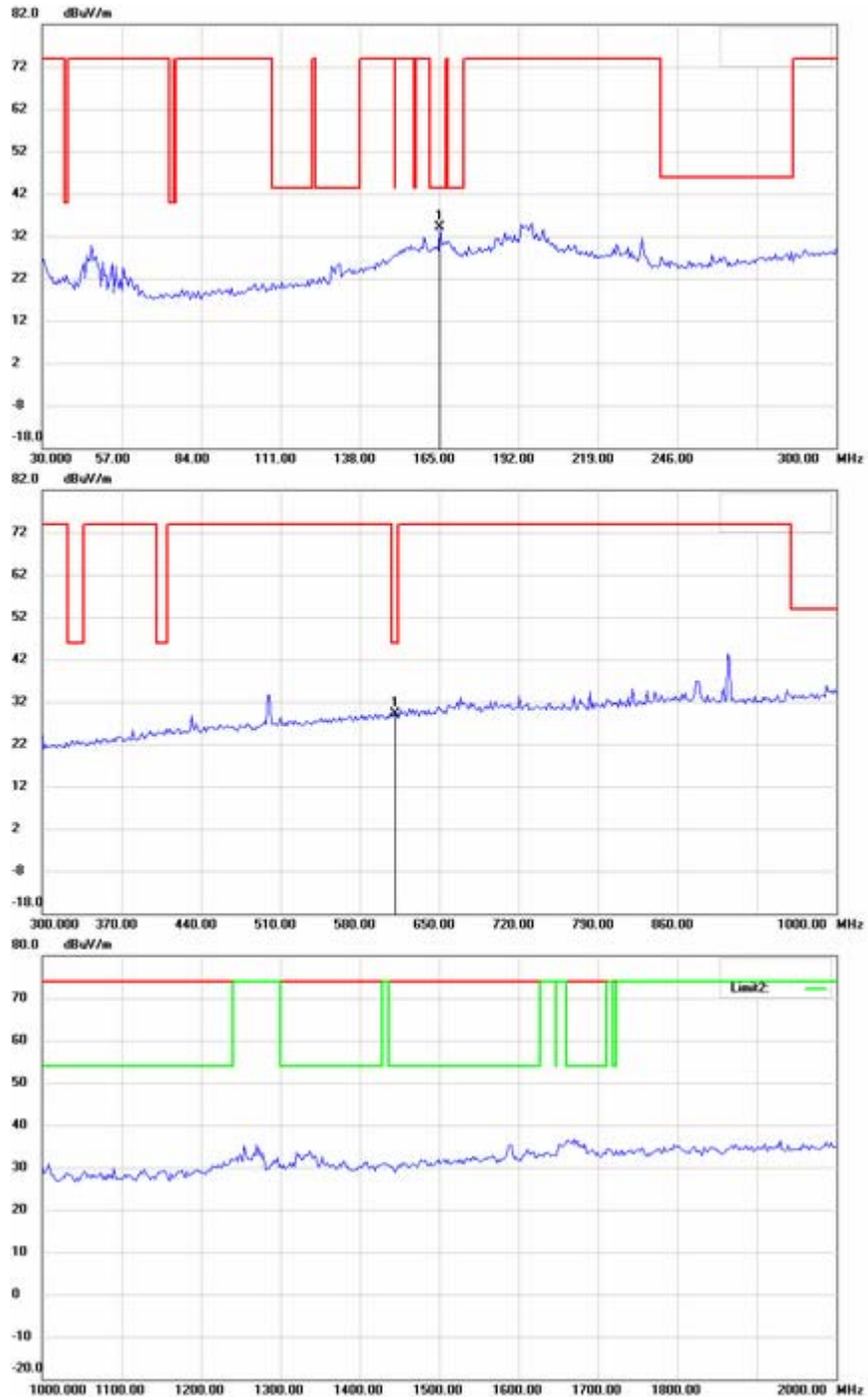
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Antenna Polarization V



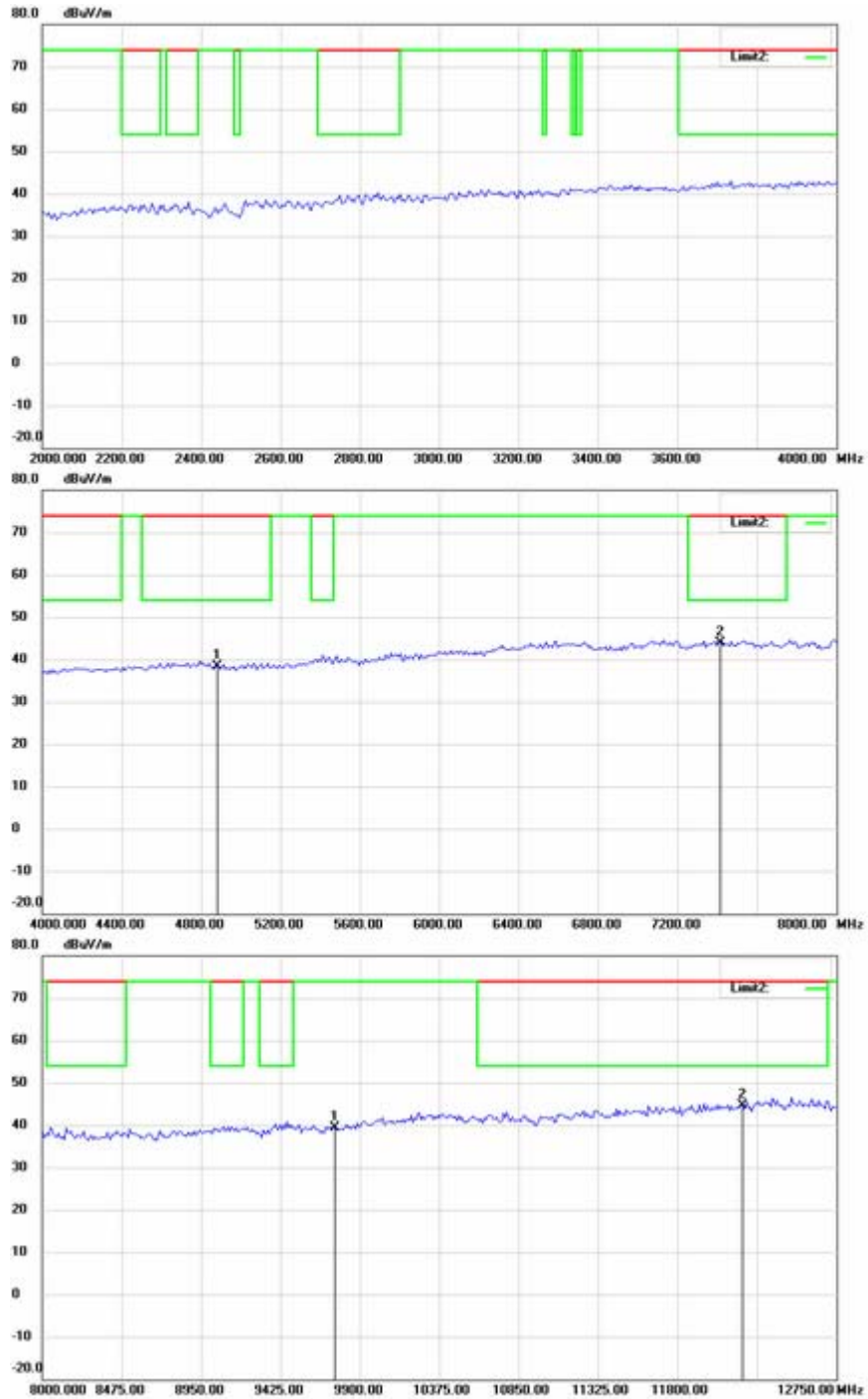
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



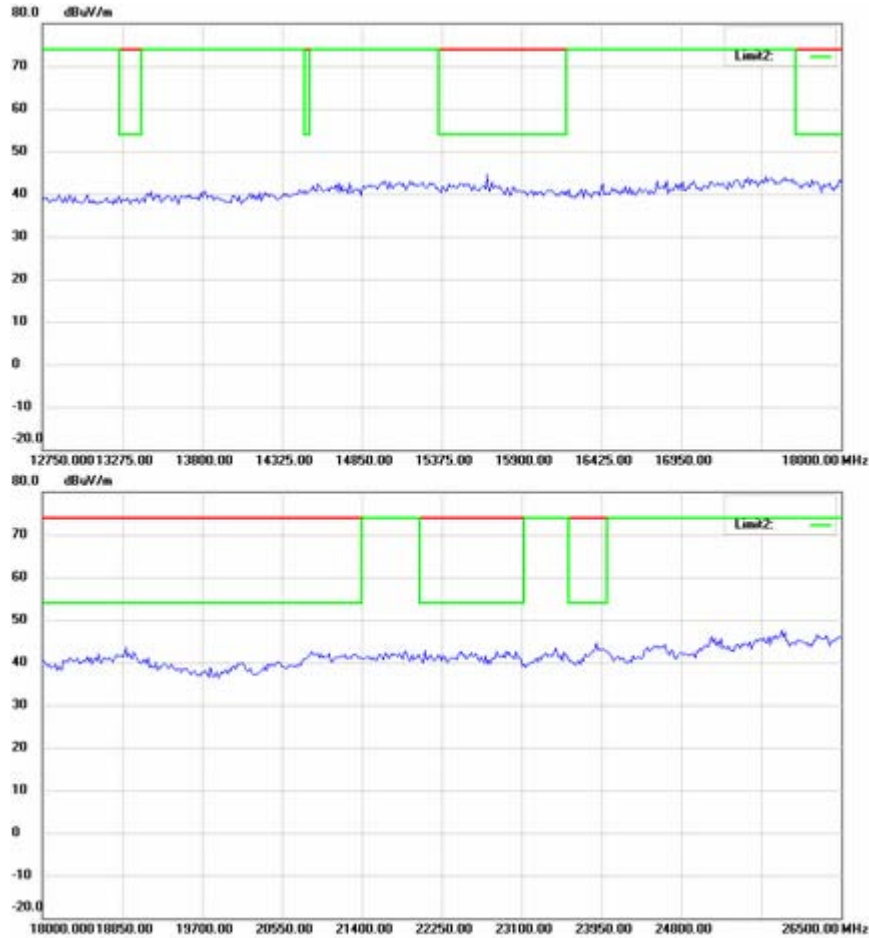
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N



Channel 11 Antenna Polarization H



Up Line: Peak Limit Line
Down Line: Ave Limit Line

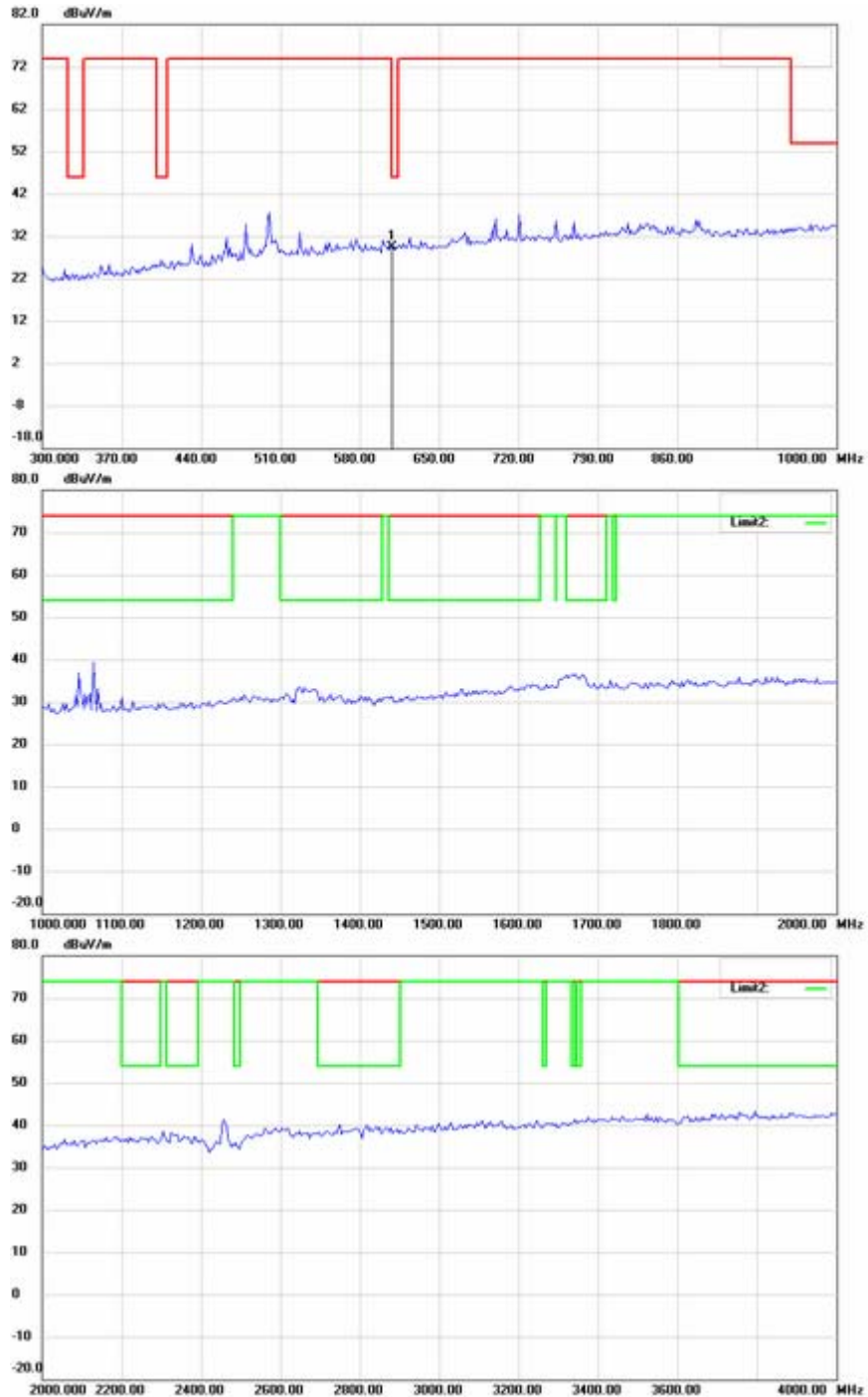
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



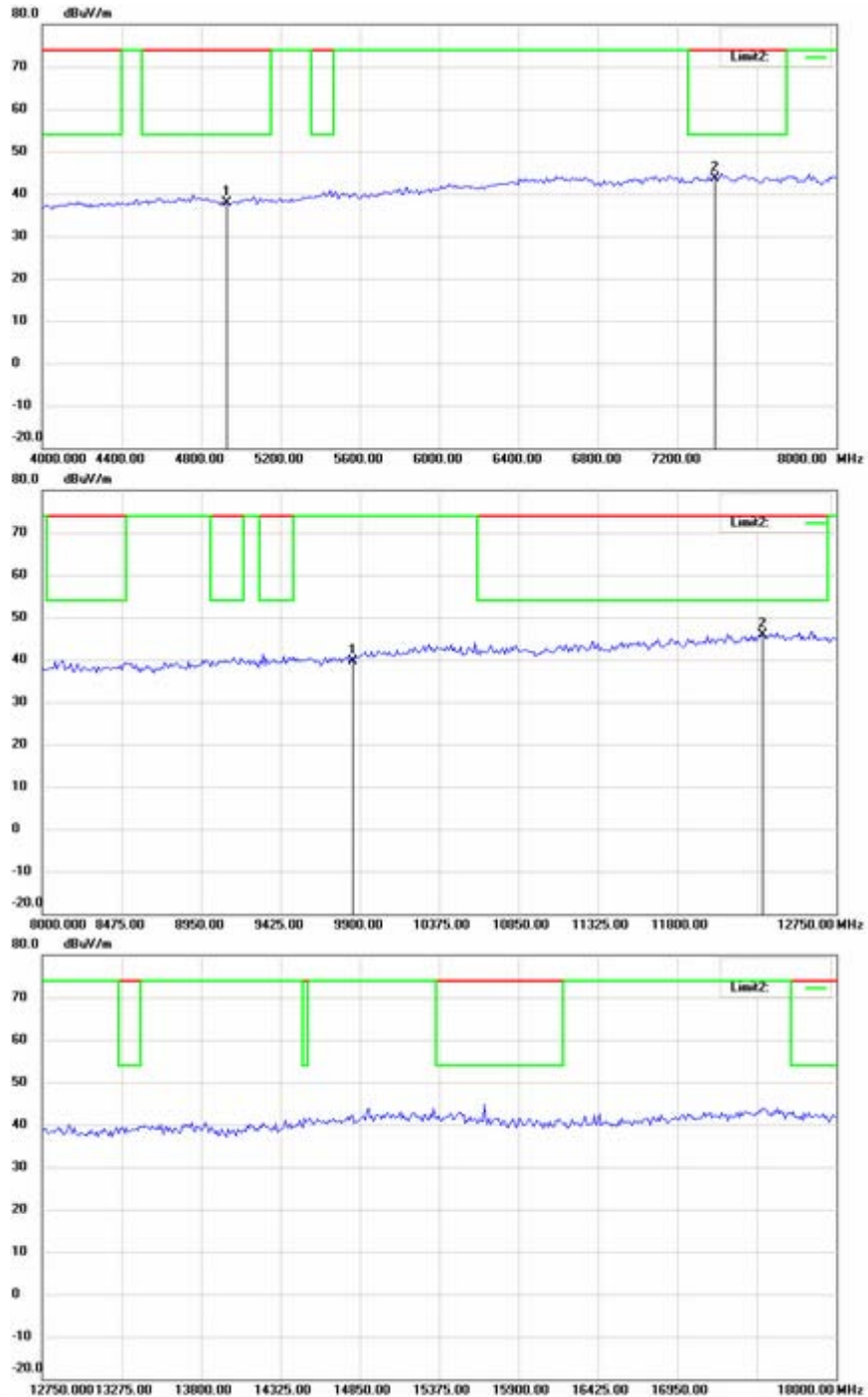
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



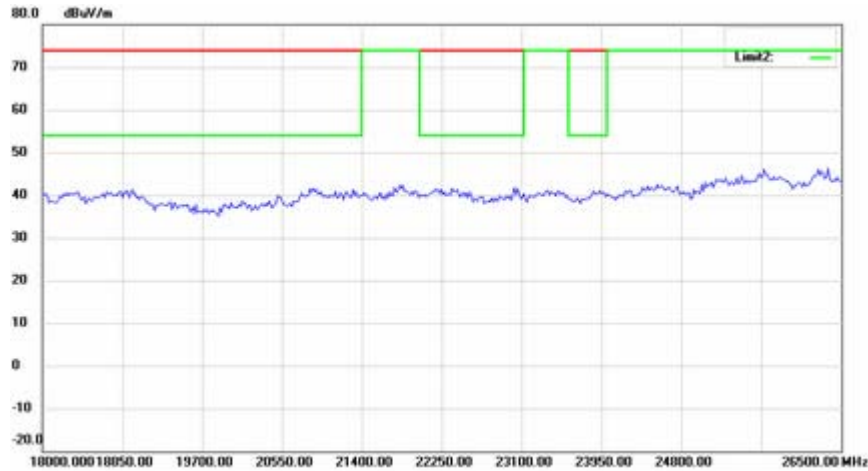
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

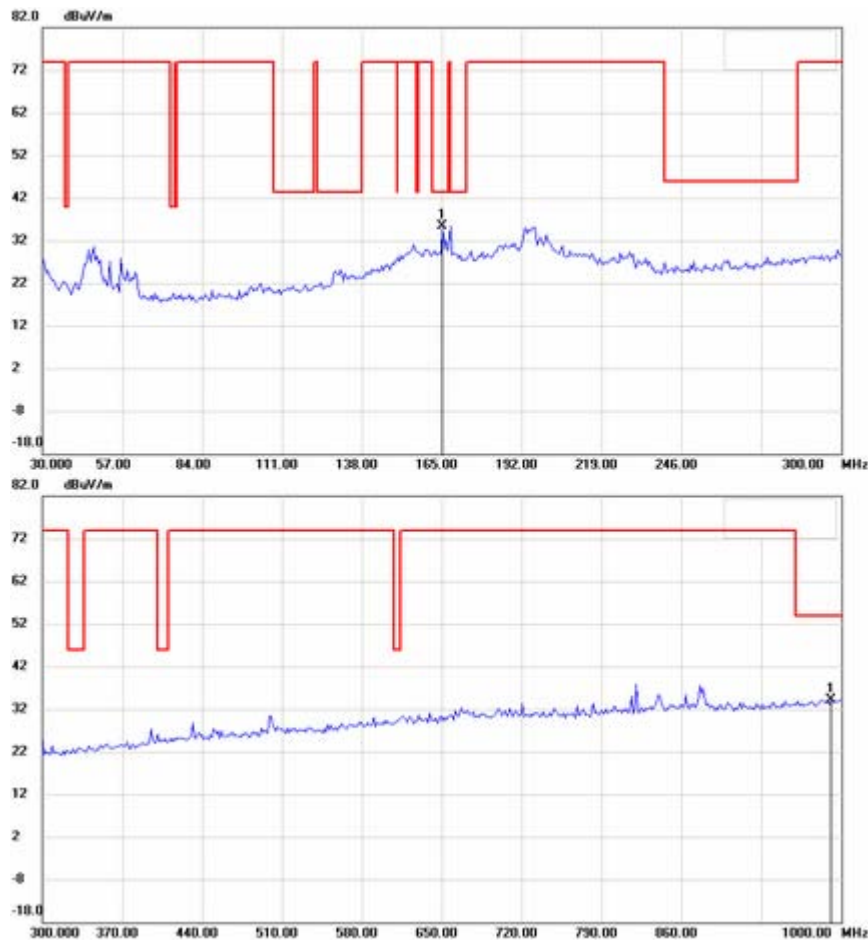
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N



Antenna Polarization V



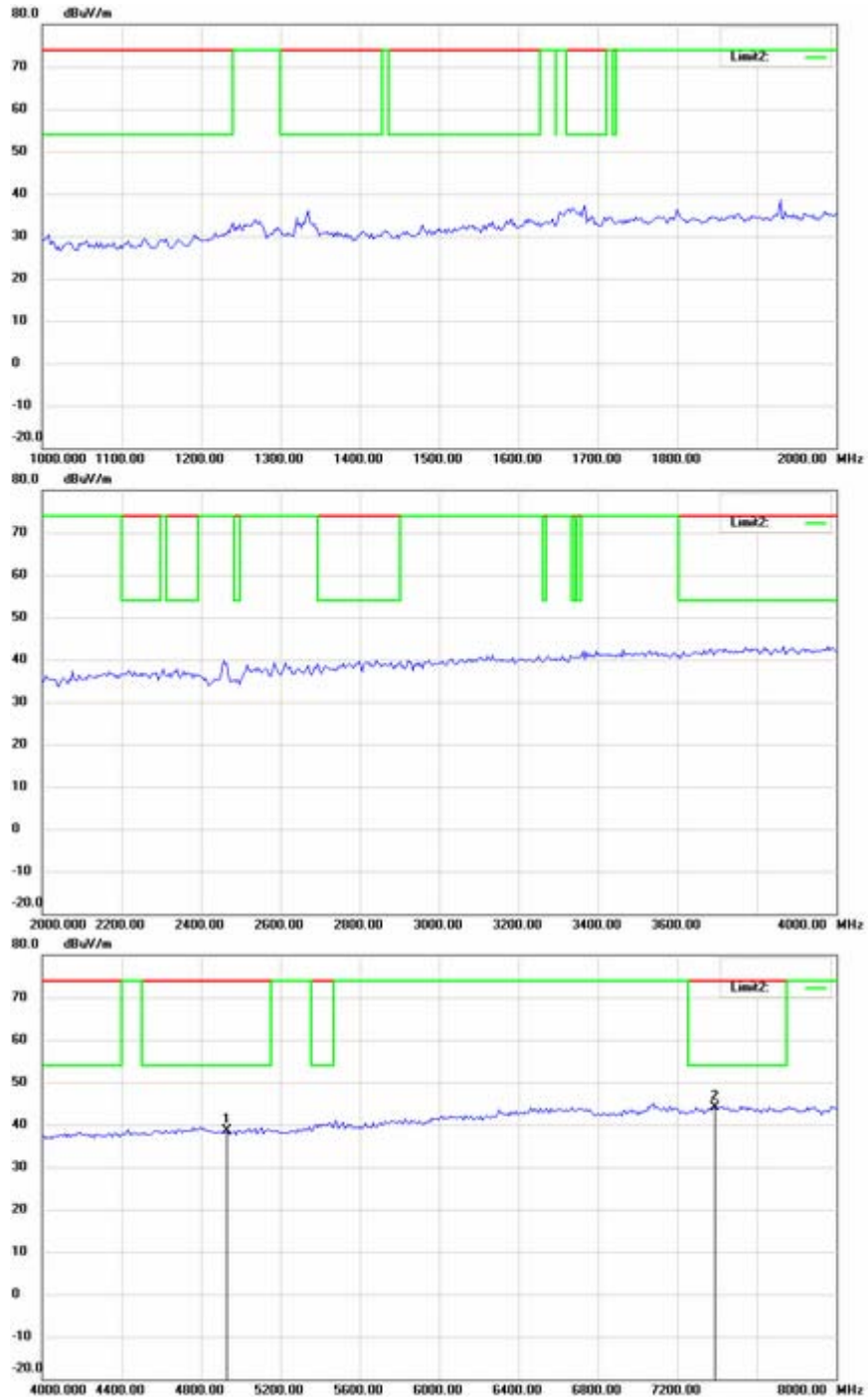
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



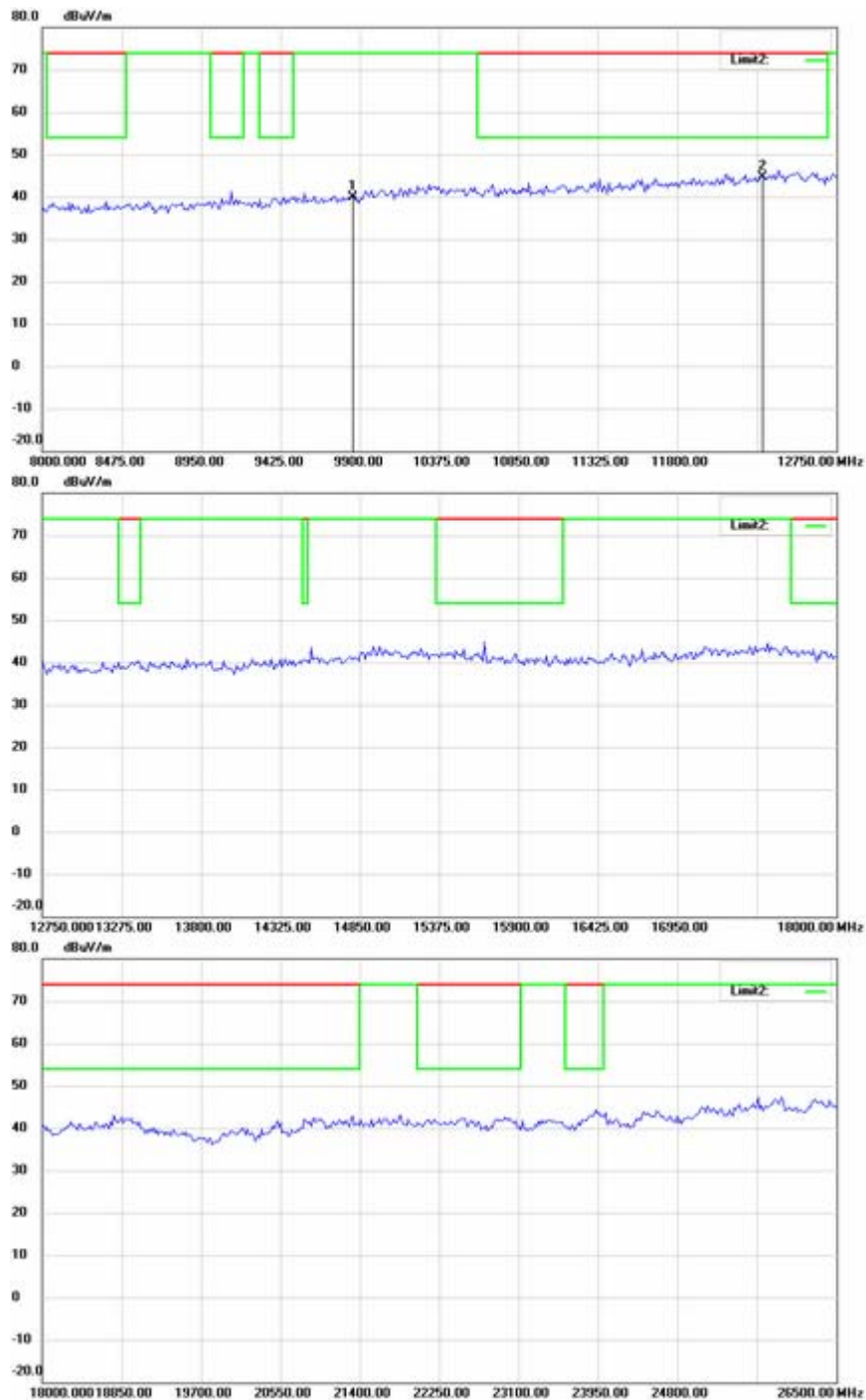
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Up Line: Peak Limit Line
Down Line: Ave Limit Line

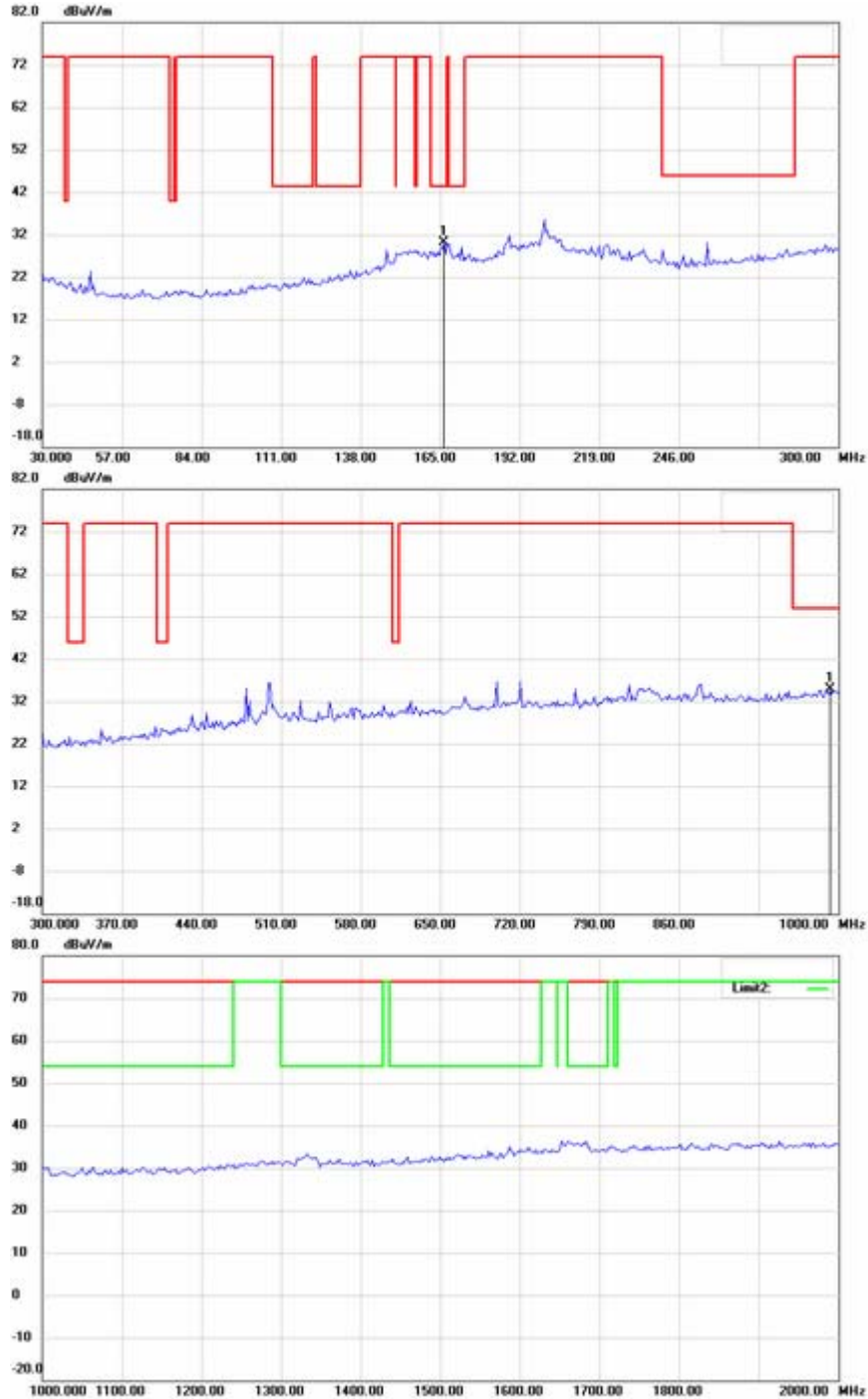
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode C_Channel 1 Antenna Polarization H



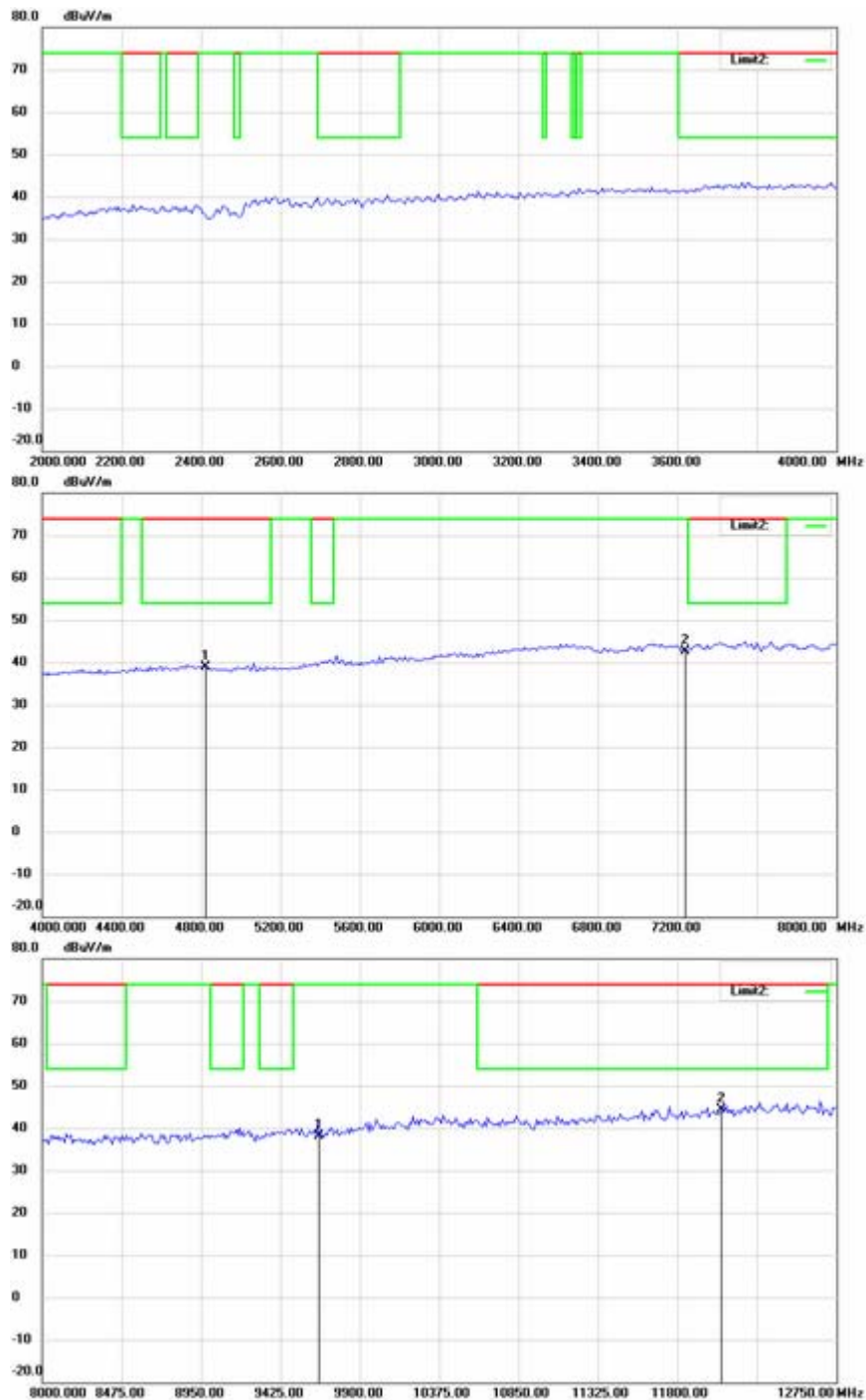
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



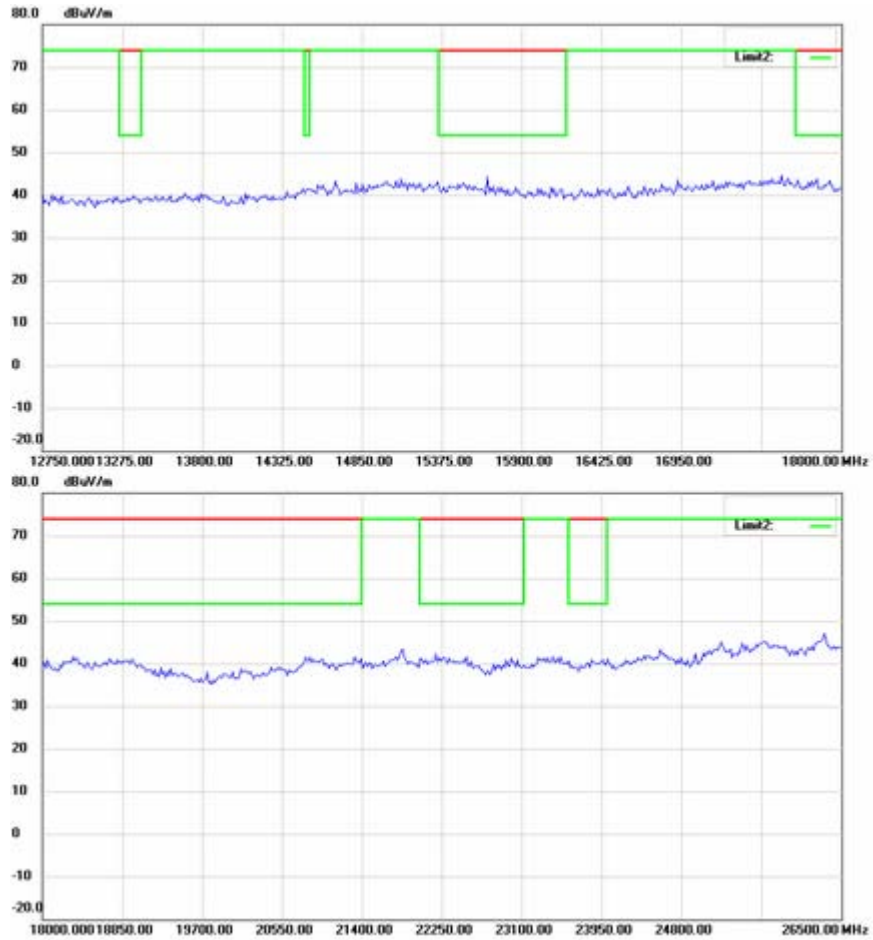
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

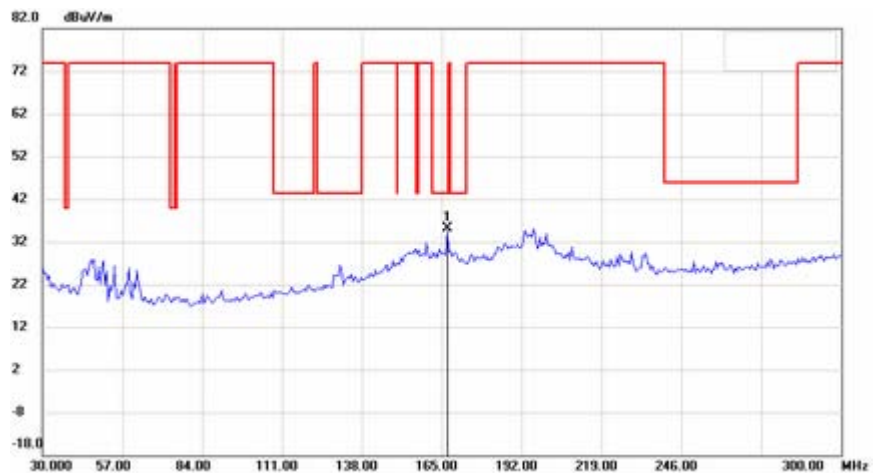
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Antenna Polarization V



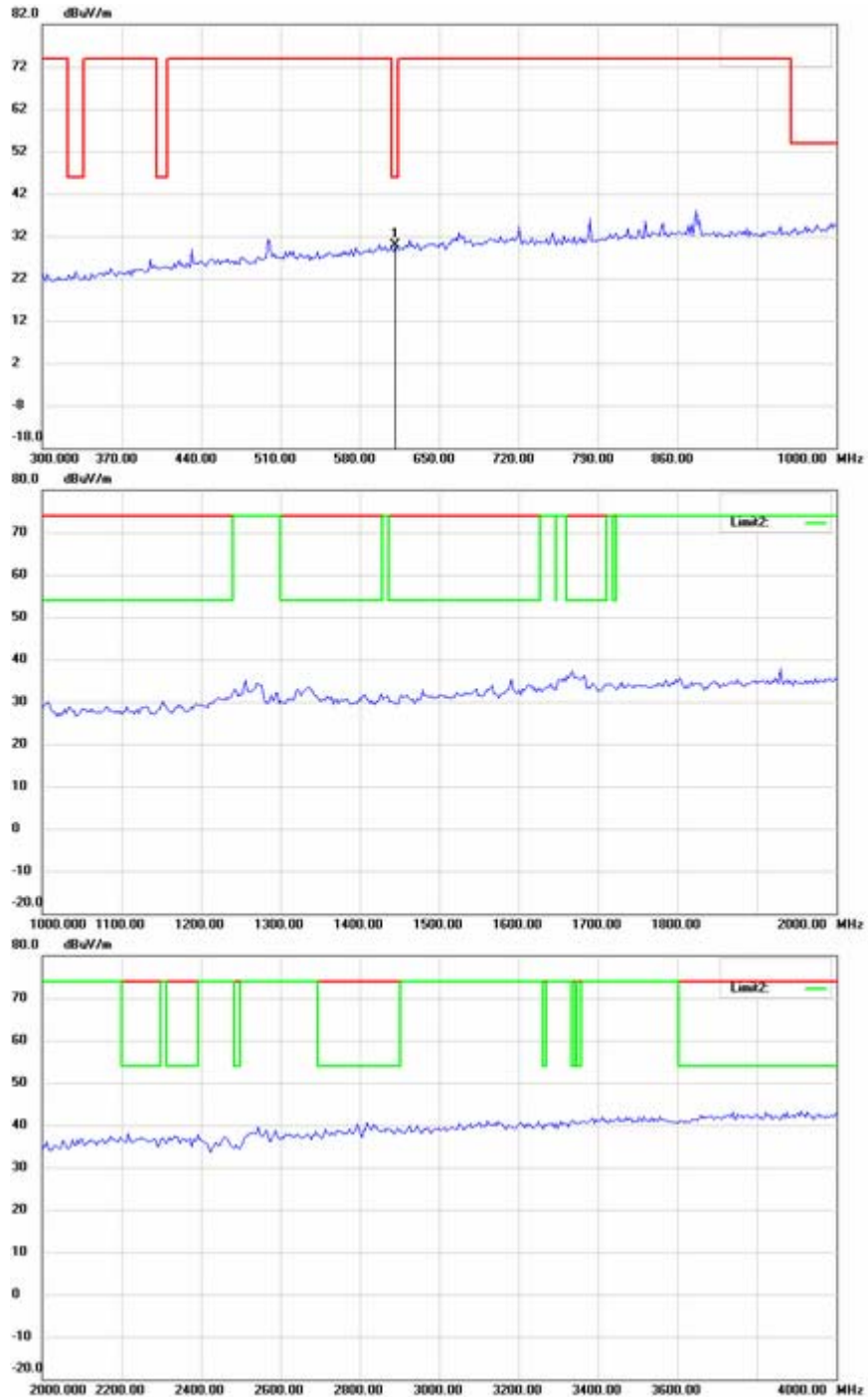
Up Line: Peak Limit Line
Down Line: Ave Limit Line
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



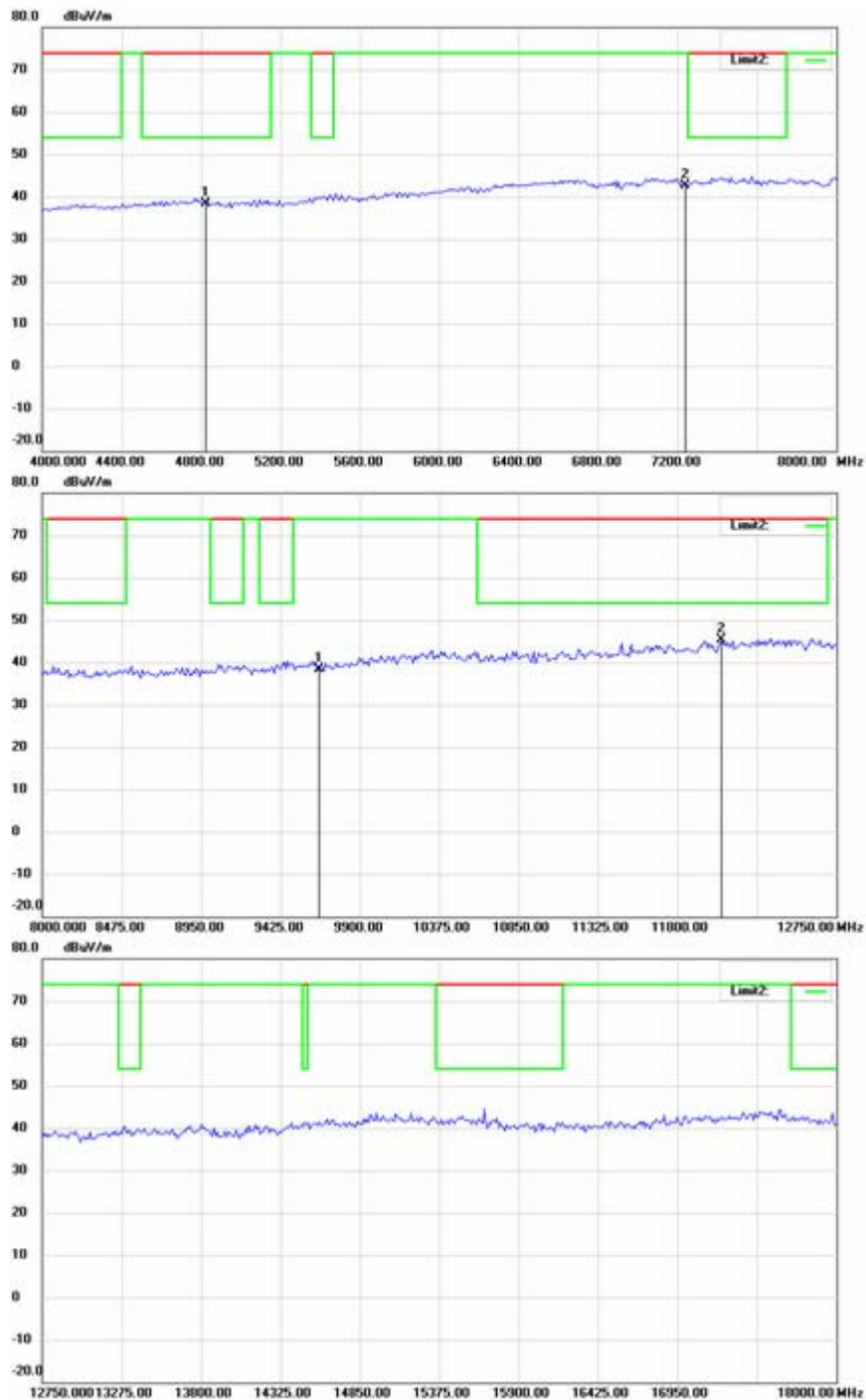
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



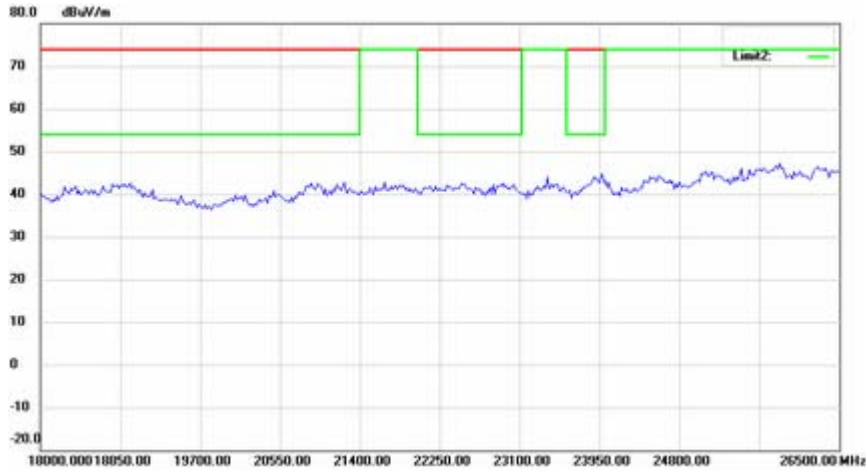
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

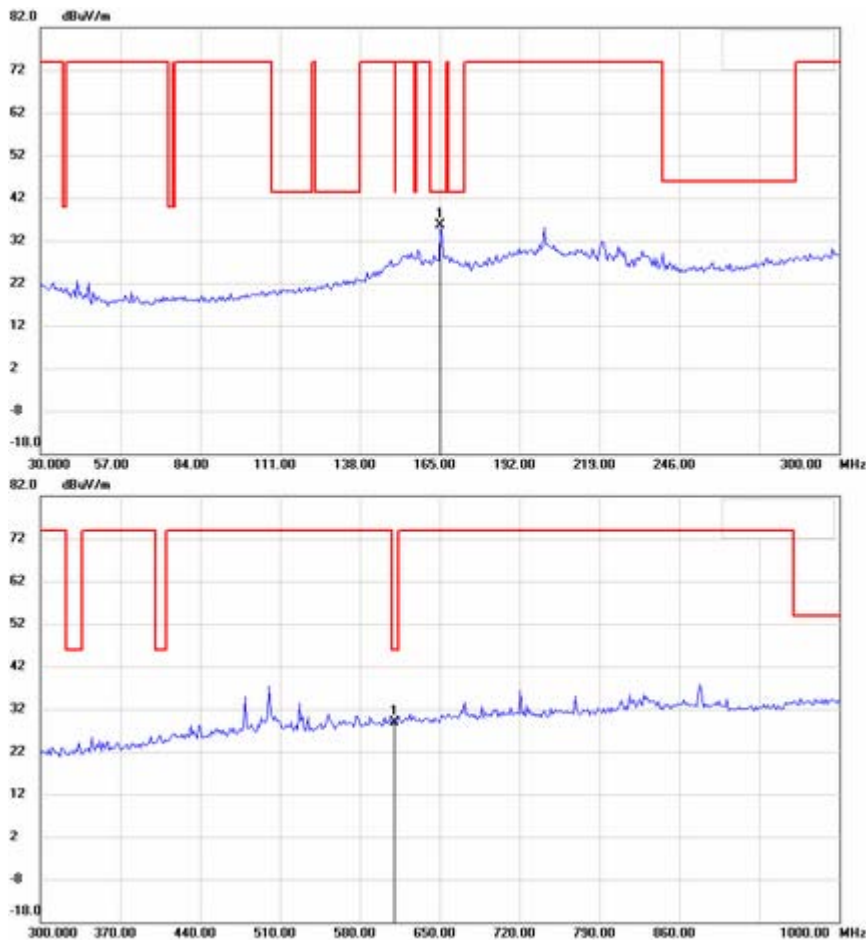
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N



Channel 6 Antenna Polarization H



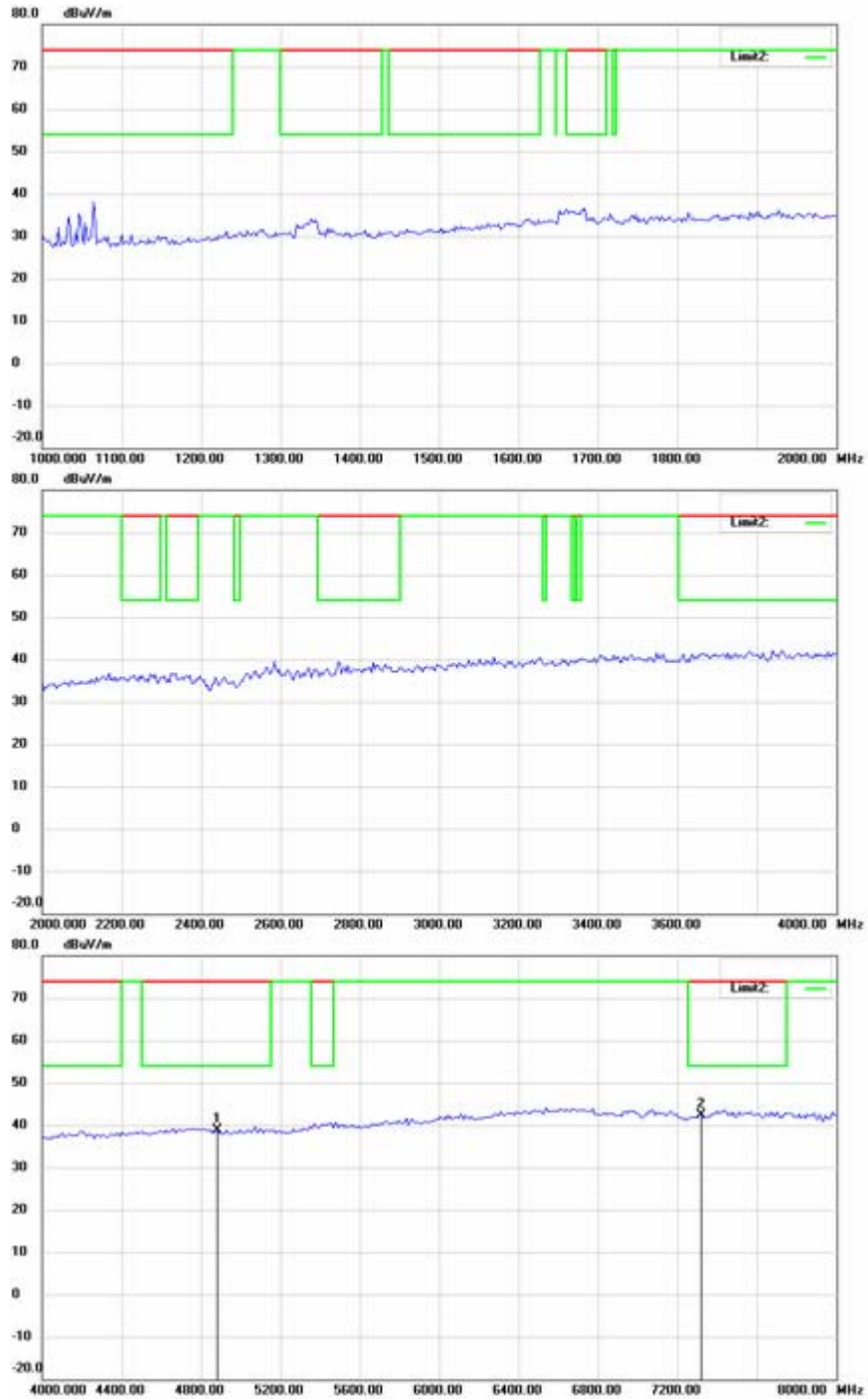
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



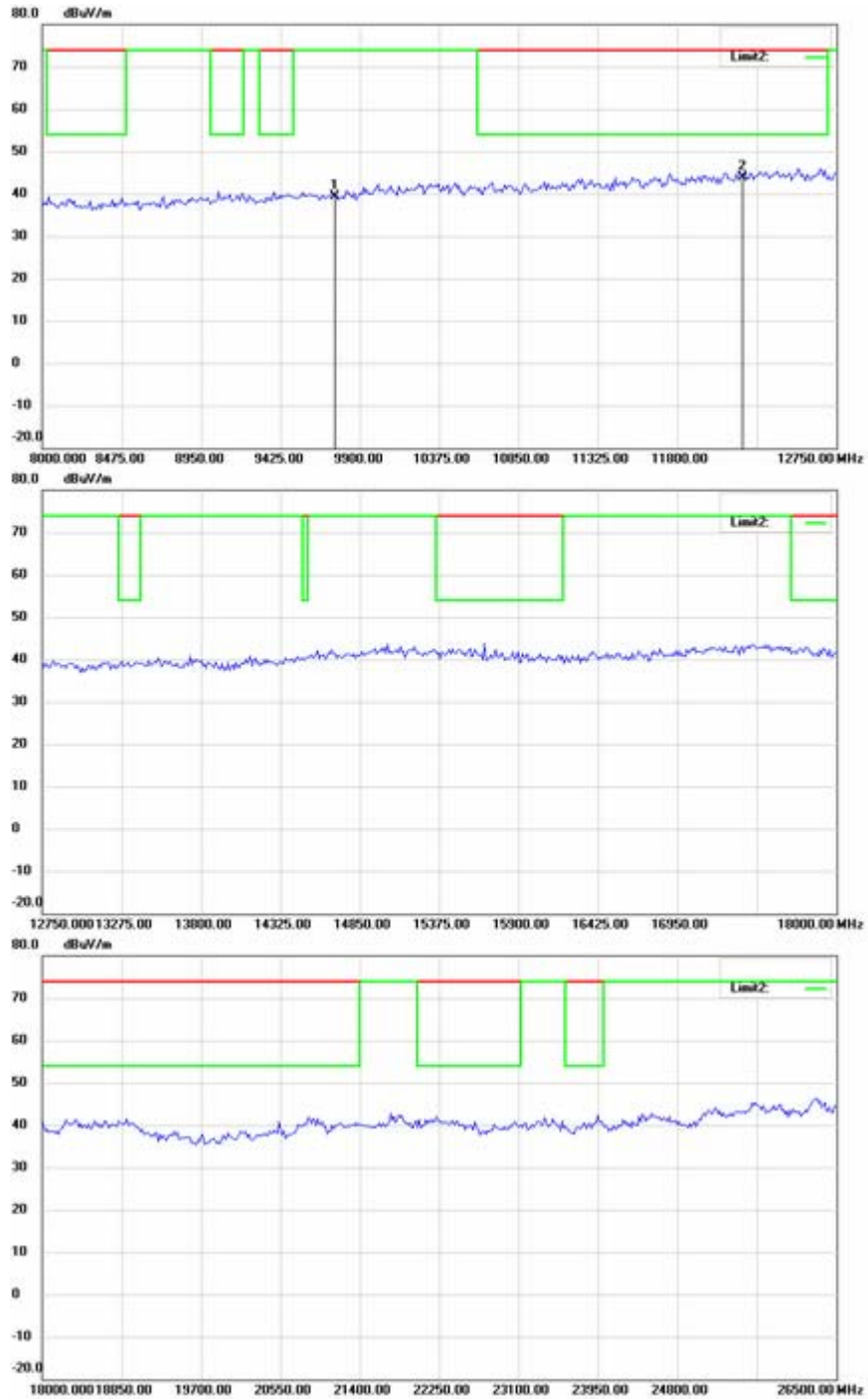
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Up Line: Peak Limit Line
Down Line: Ave Limit Line

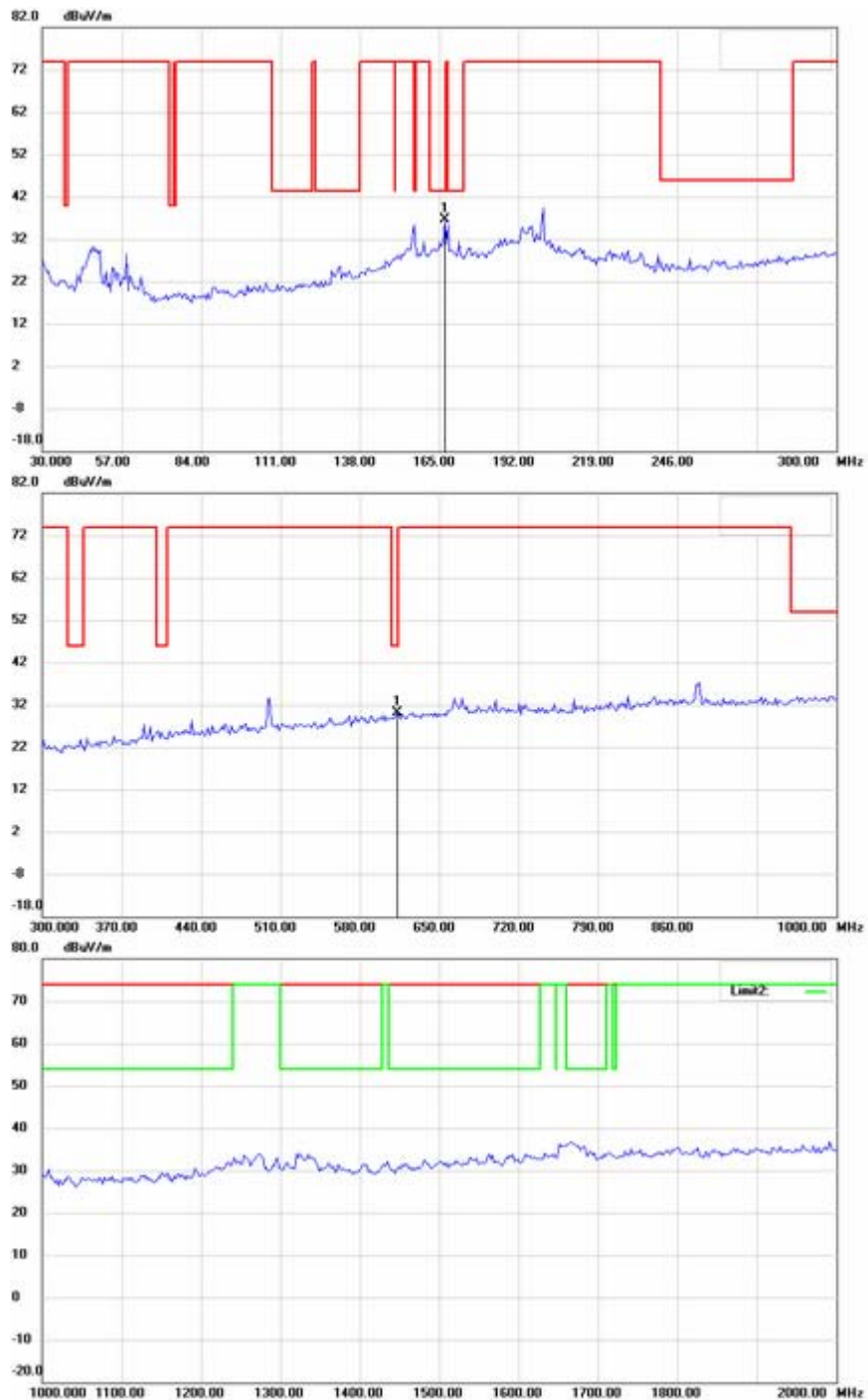
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Antenna Polarization V



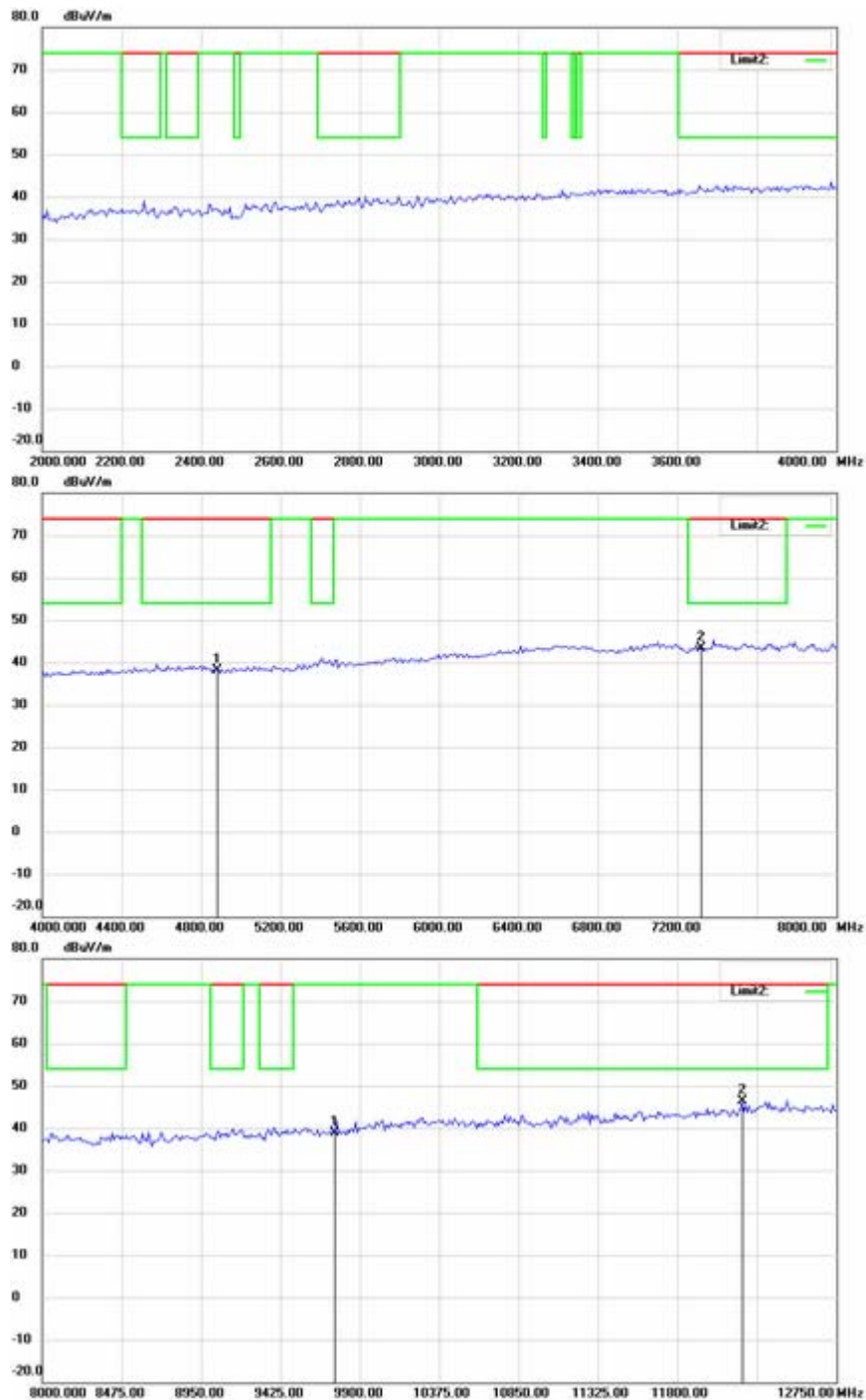
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



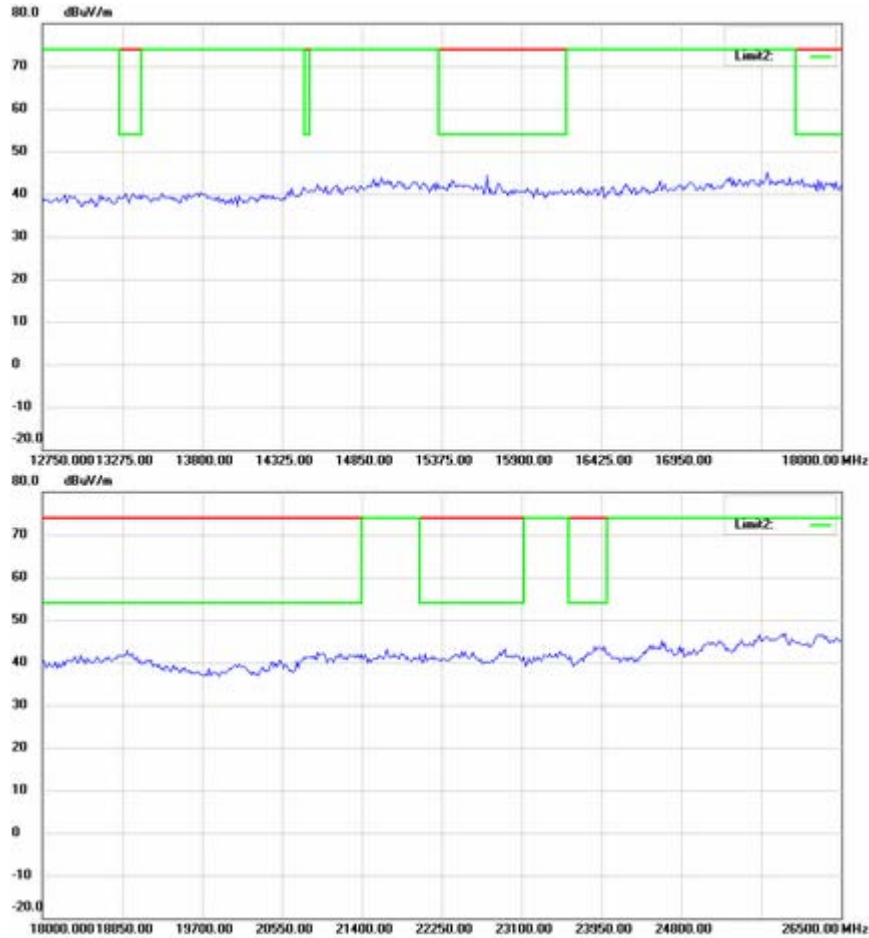
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

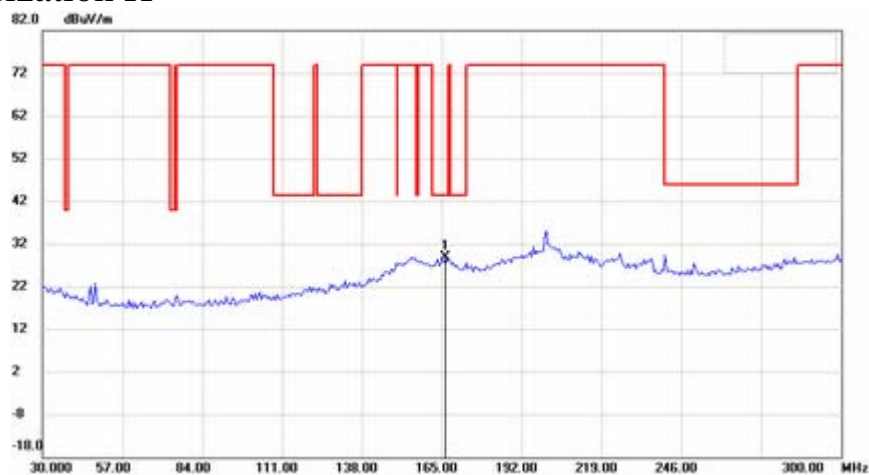
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Channel 11 Antenna Polarization H



Up Line: Peak Limit Line
Down Line: Ave Limit Line

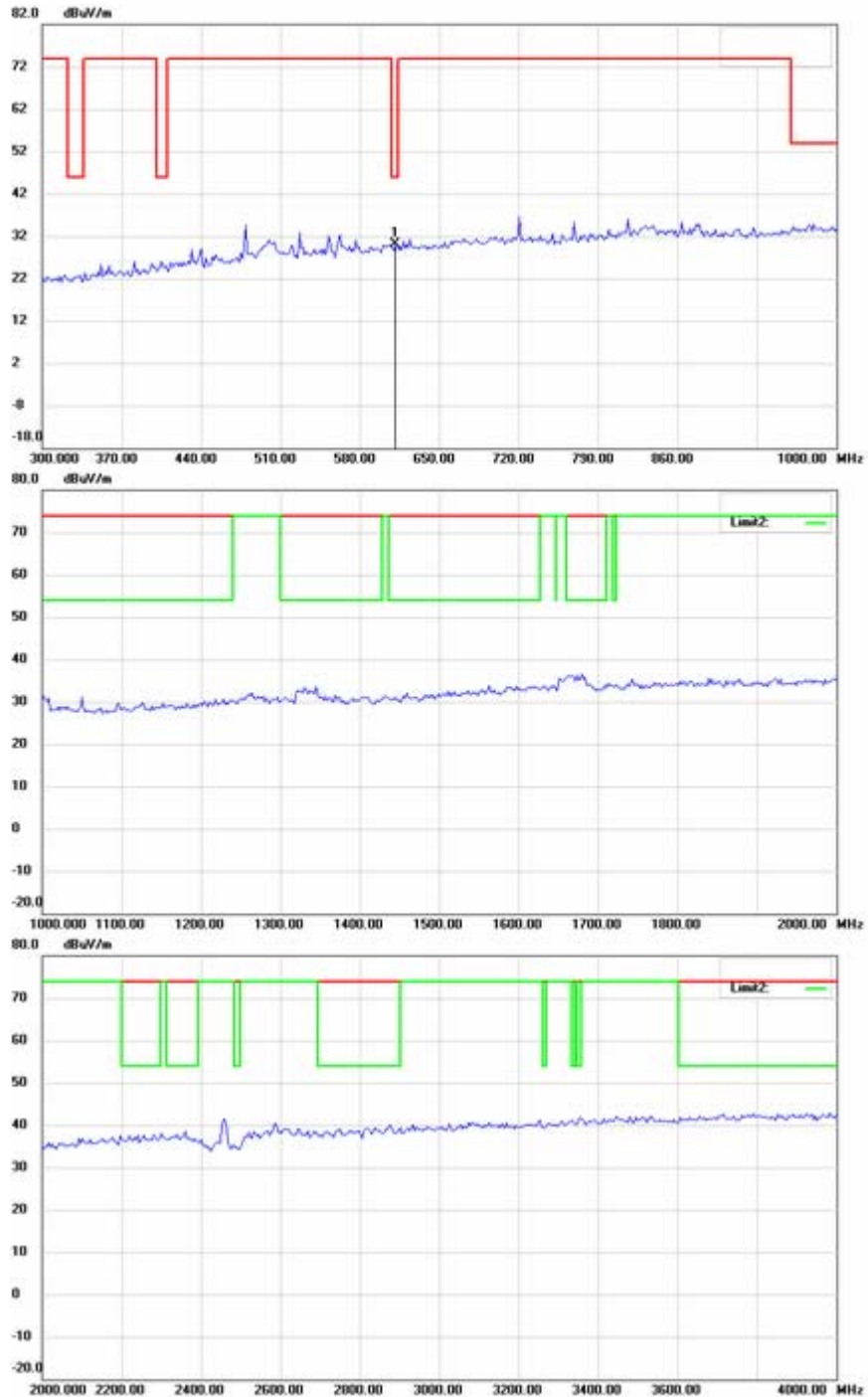
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



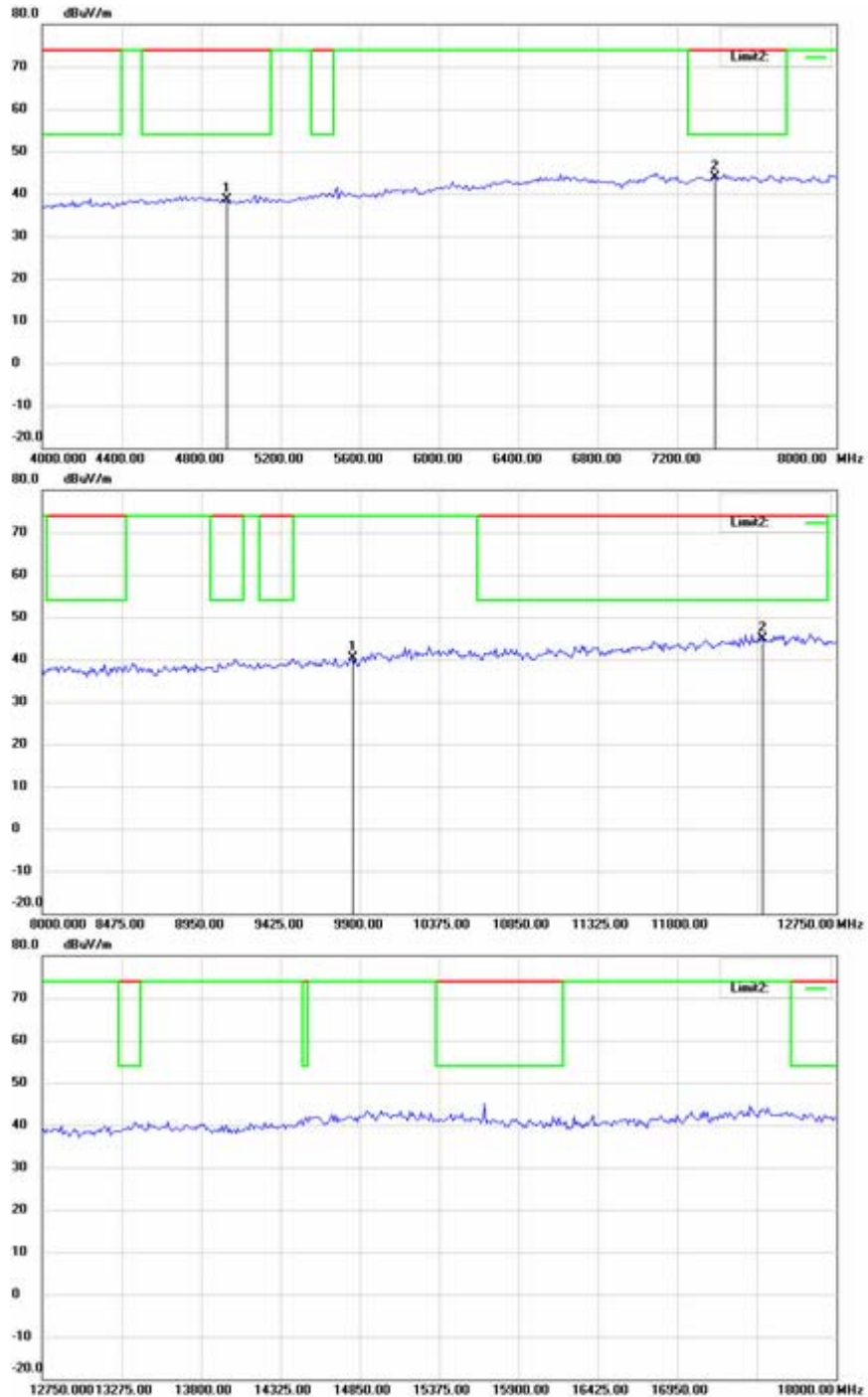
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



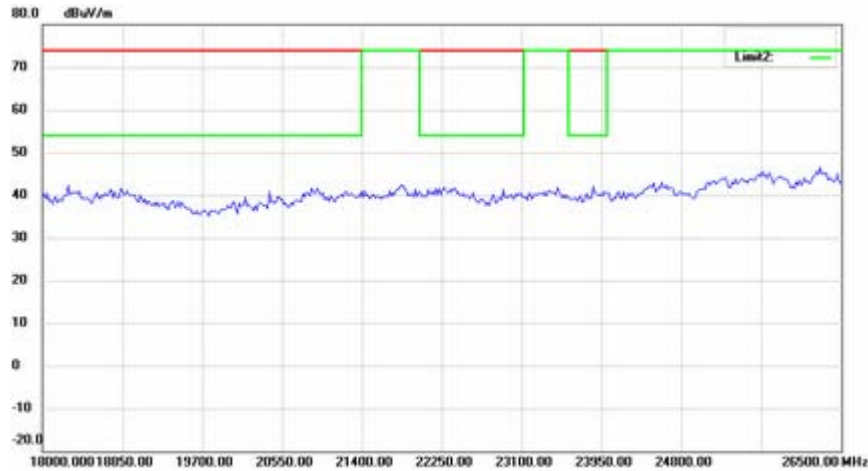
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

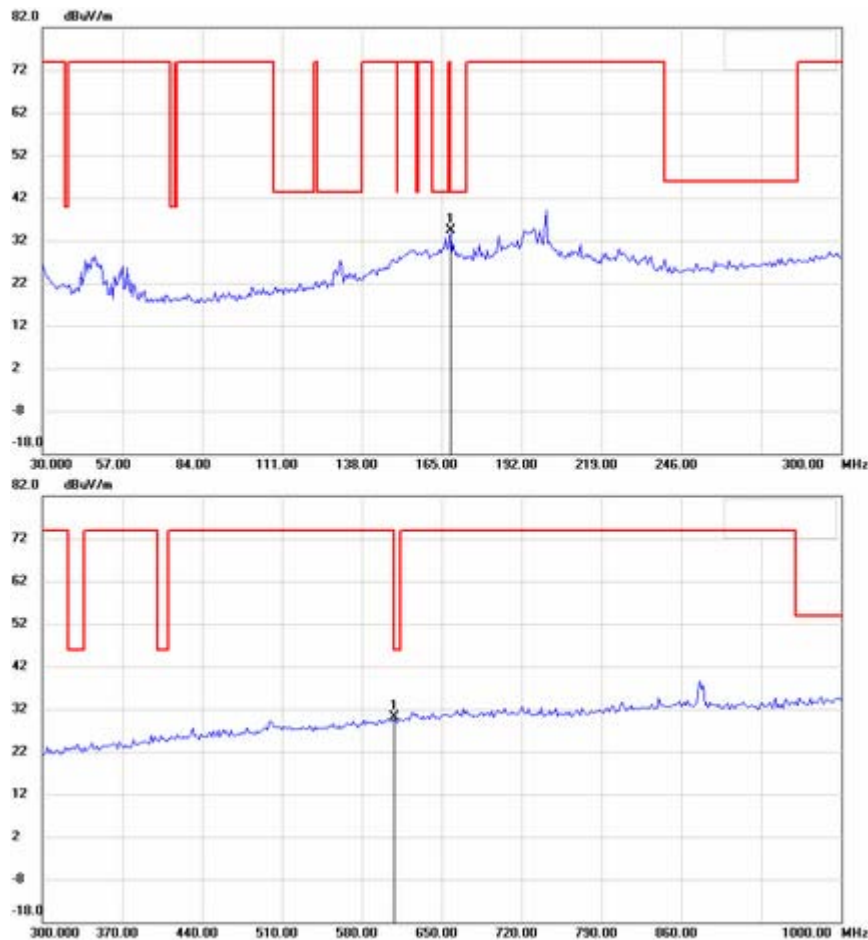
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed of the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Antenna Polarization V



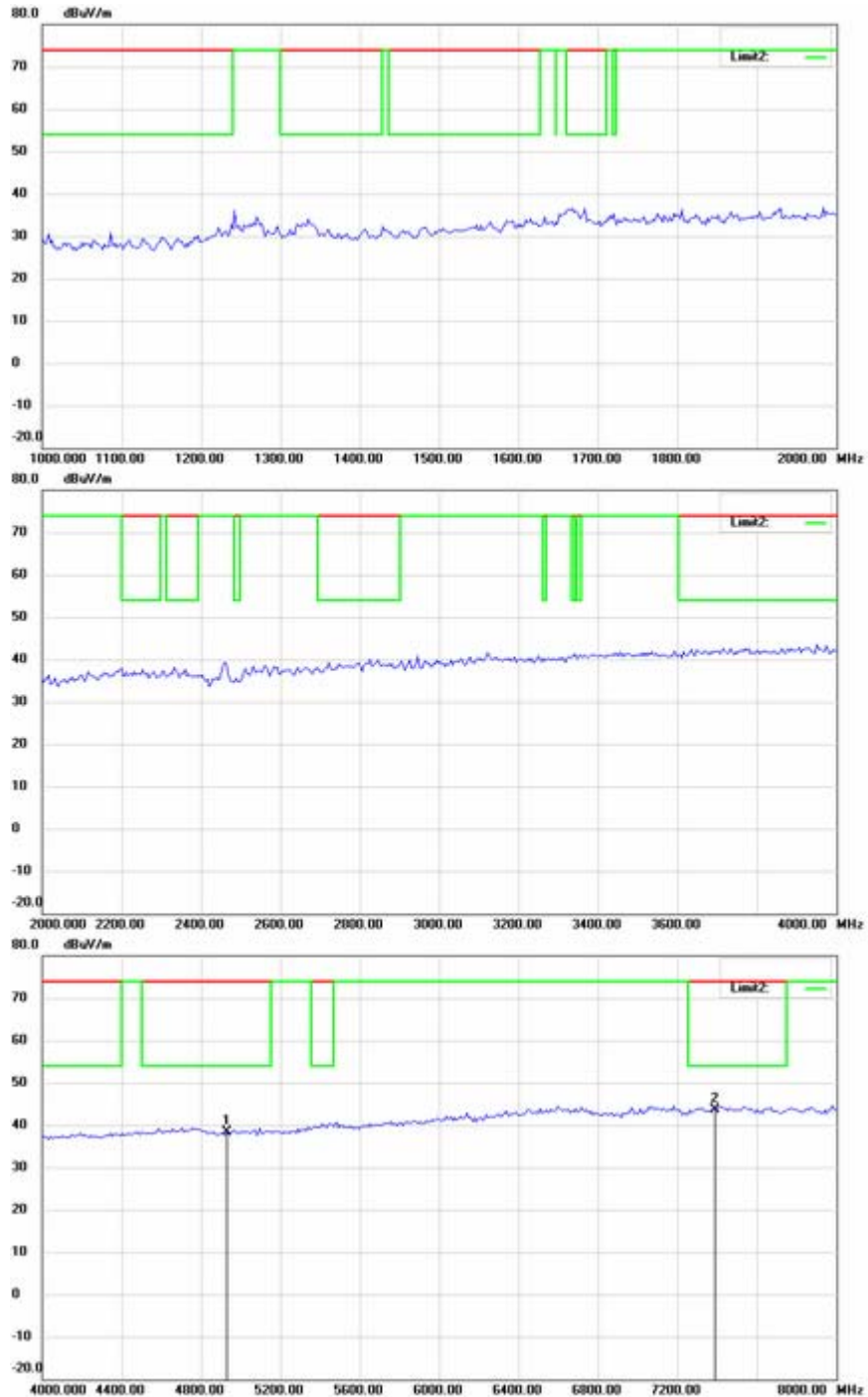
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



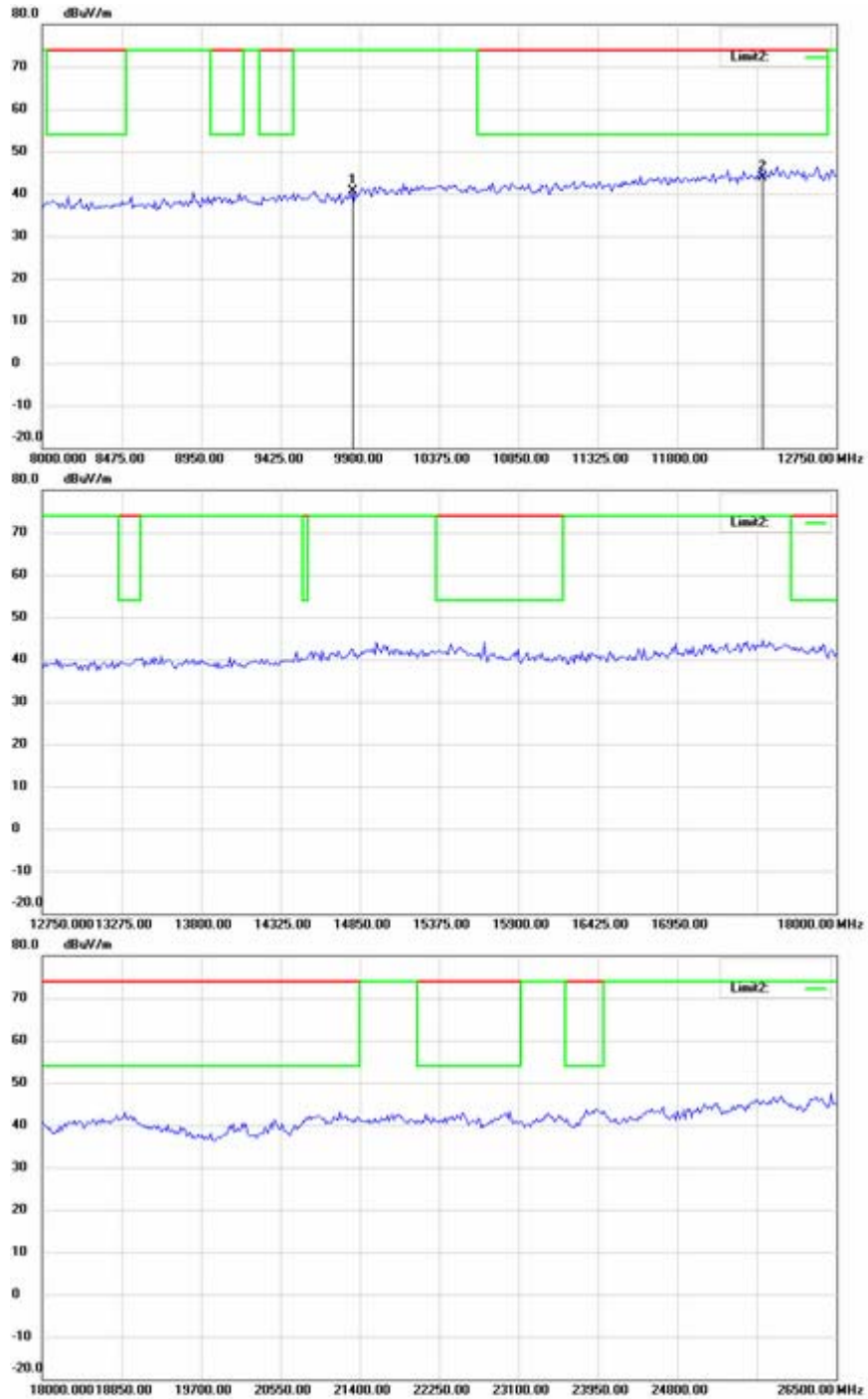
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Up Line: Peak Limit Line
Down Line: Ave Limit Line

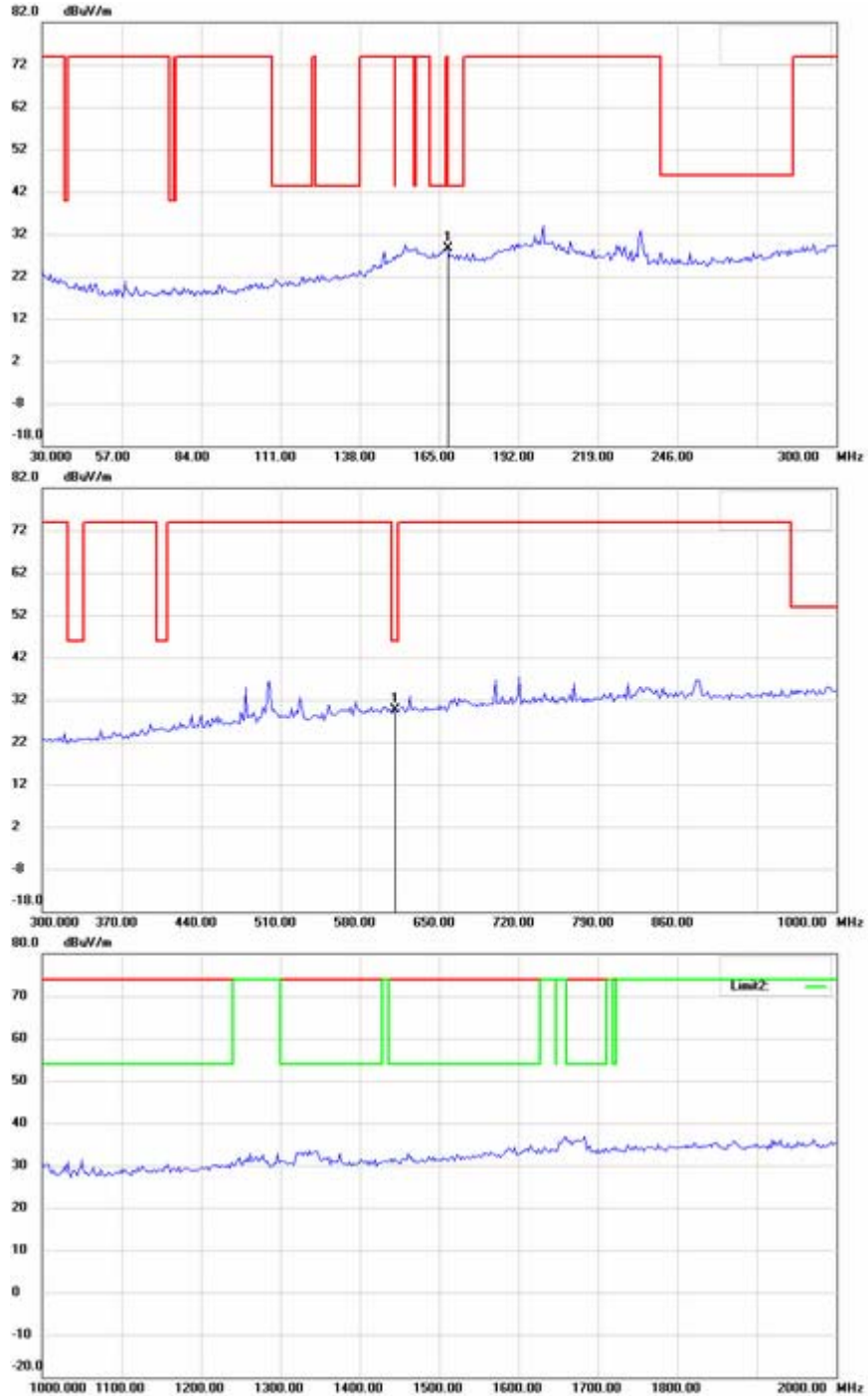
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode D_Channel 1 Antenna Polarization H



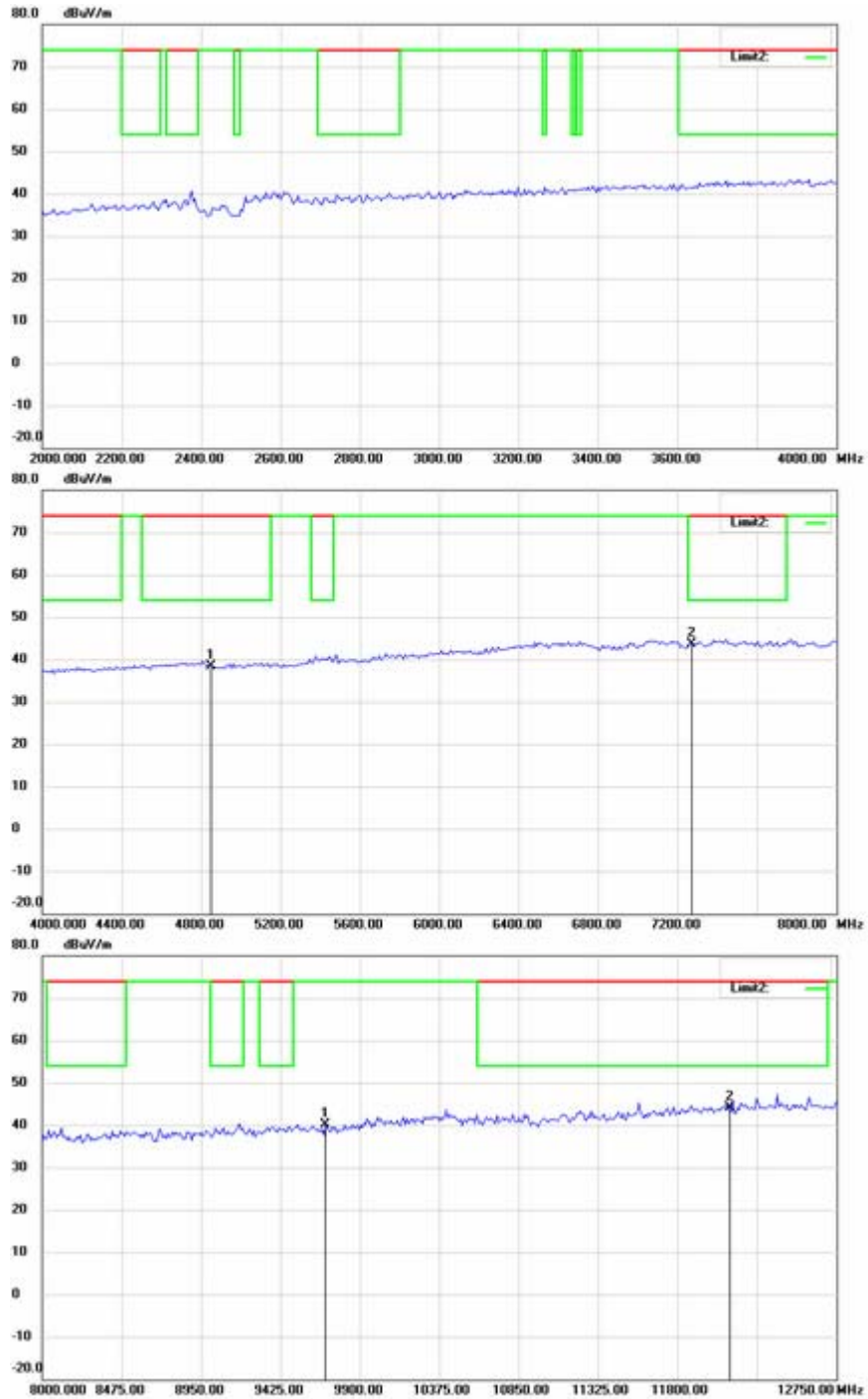
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



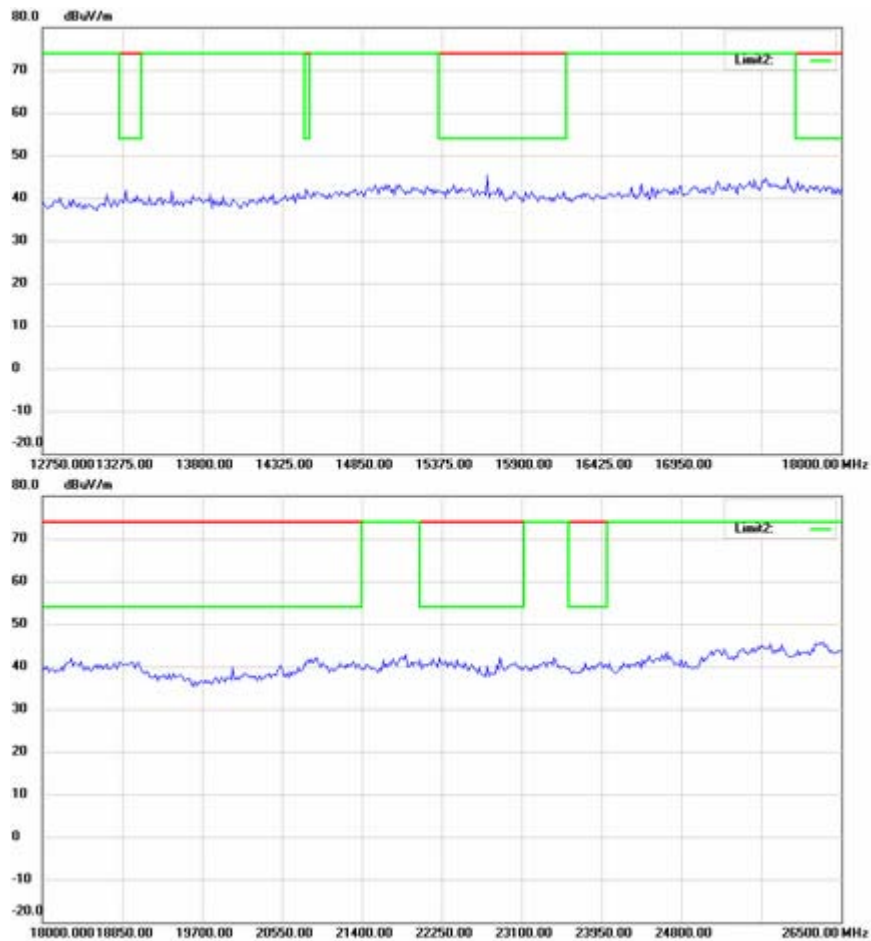
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

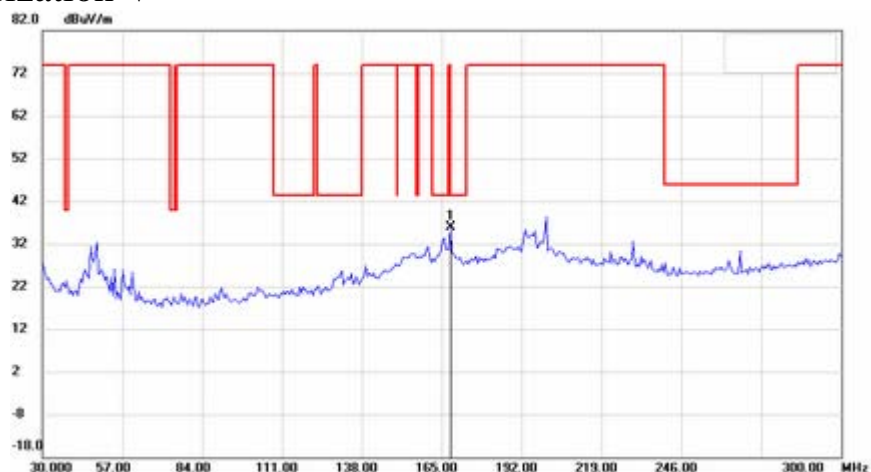
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Antenna Polarization V



Up Line: Peak Limit Line
Down Line: Ave Limit Line

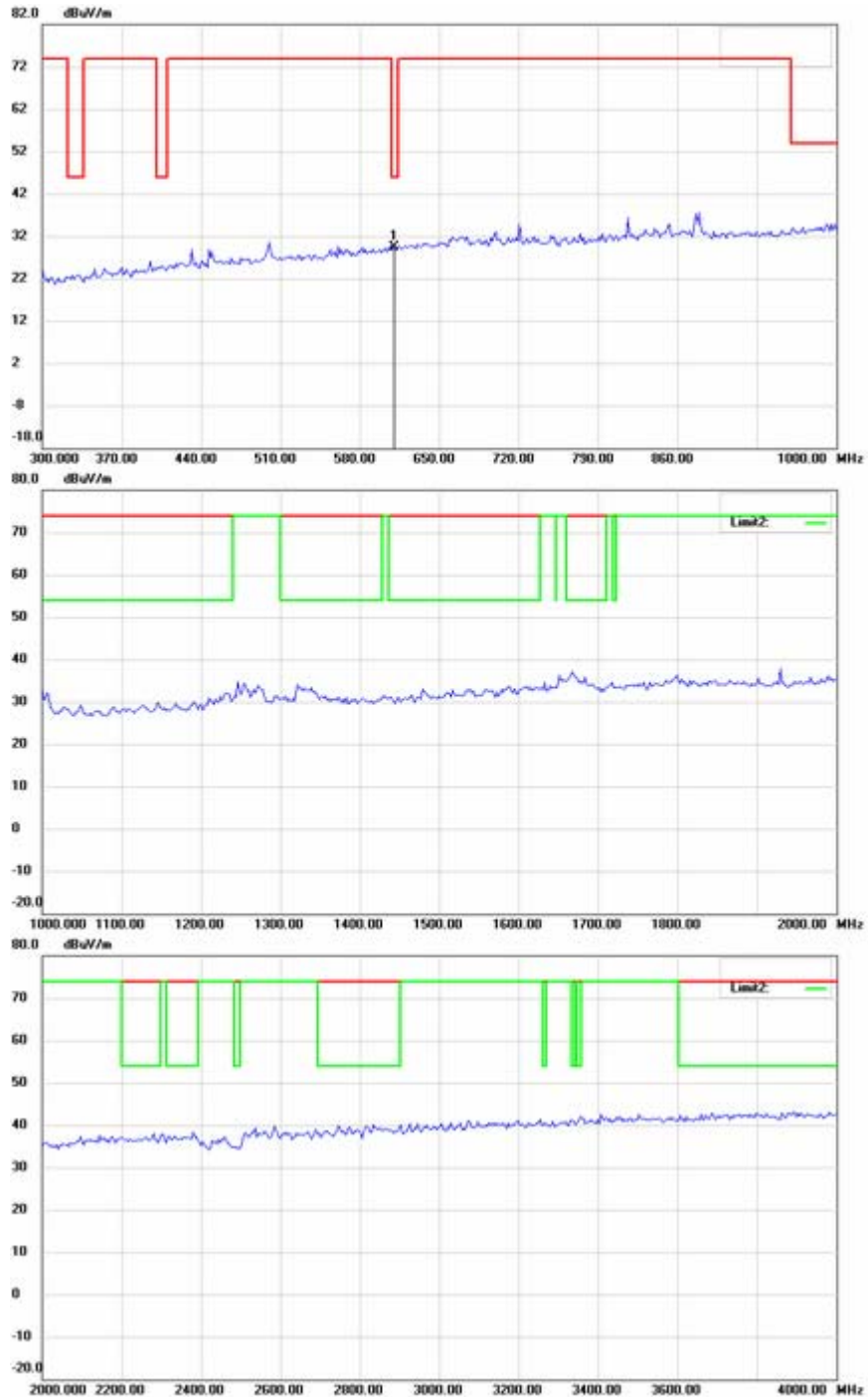
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



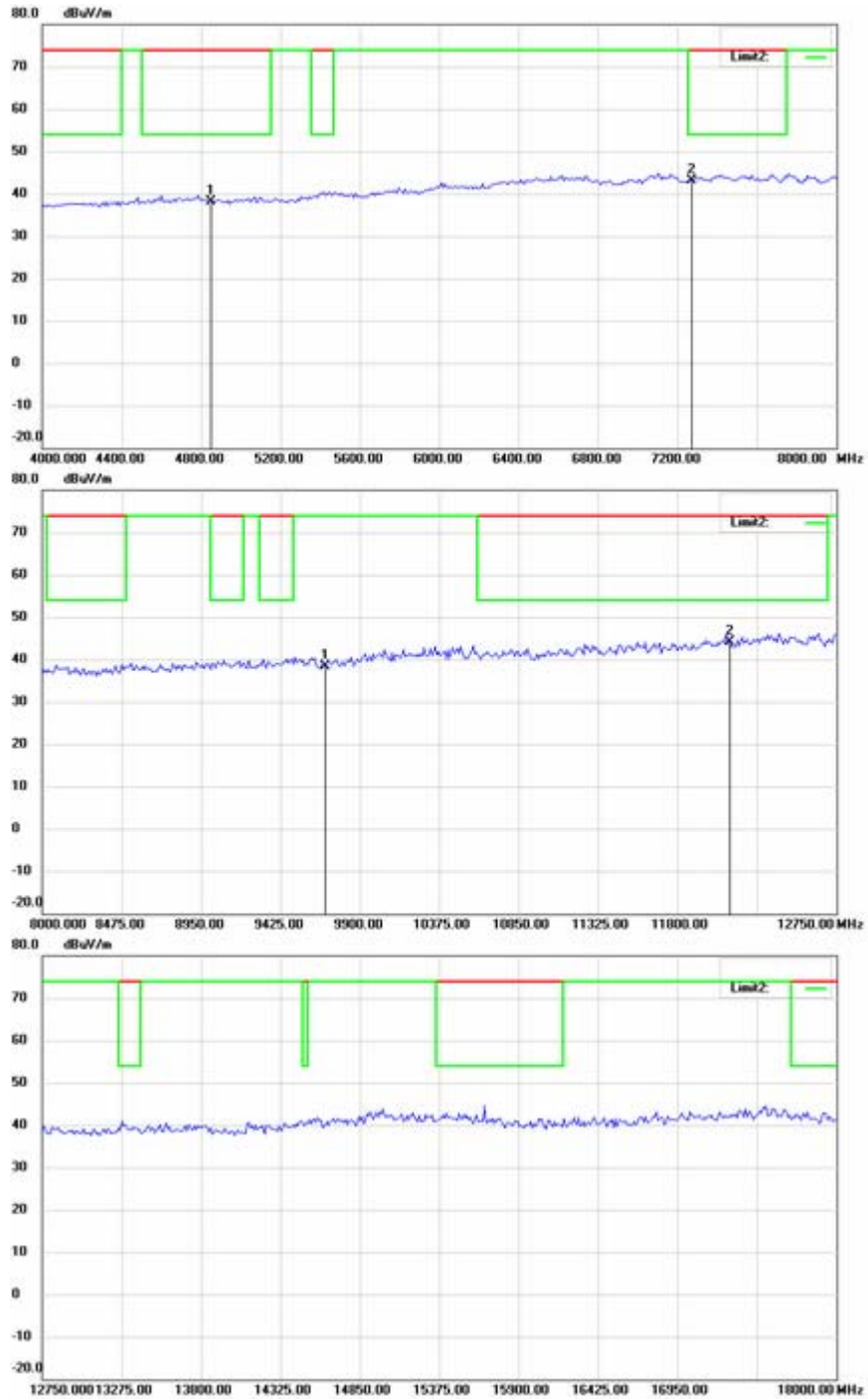
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



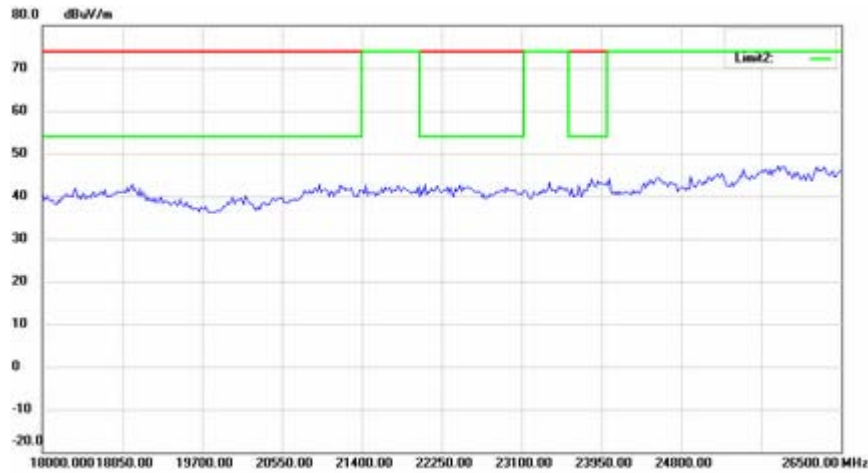
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

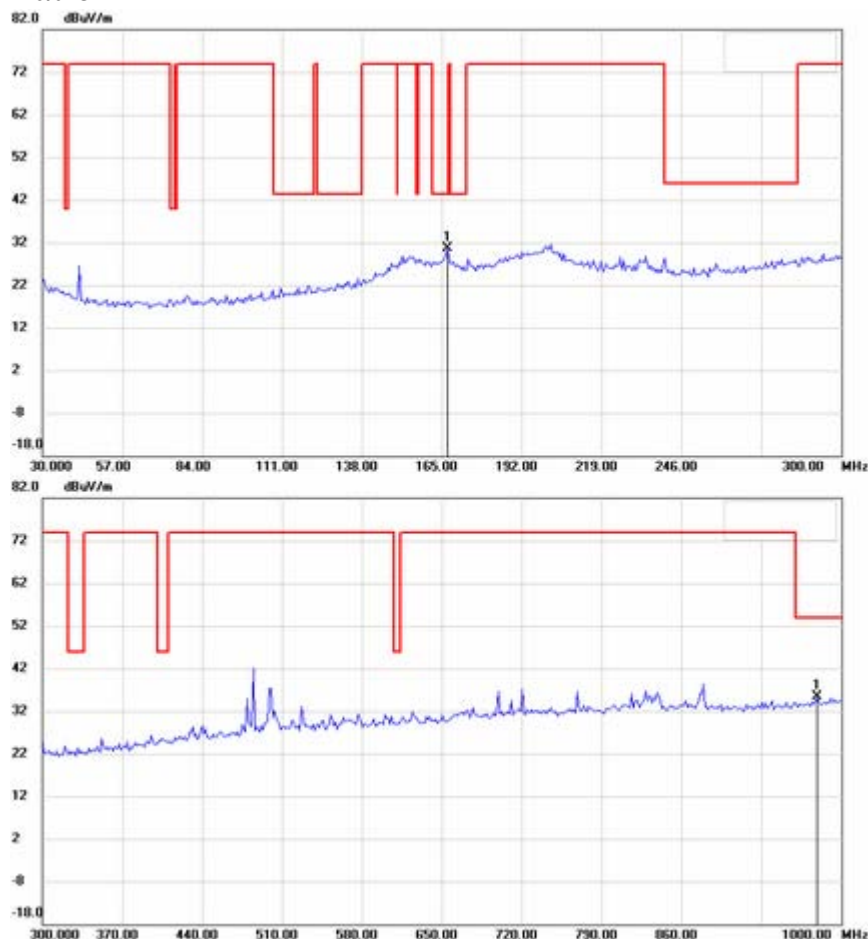
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Channel 4 Antenna Polarization H



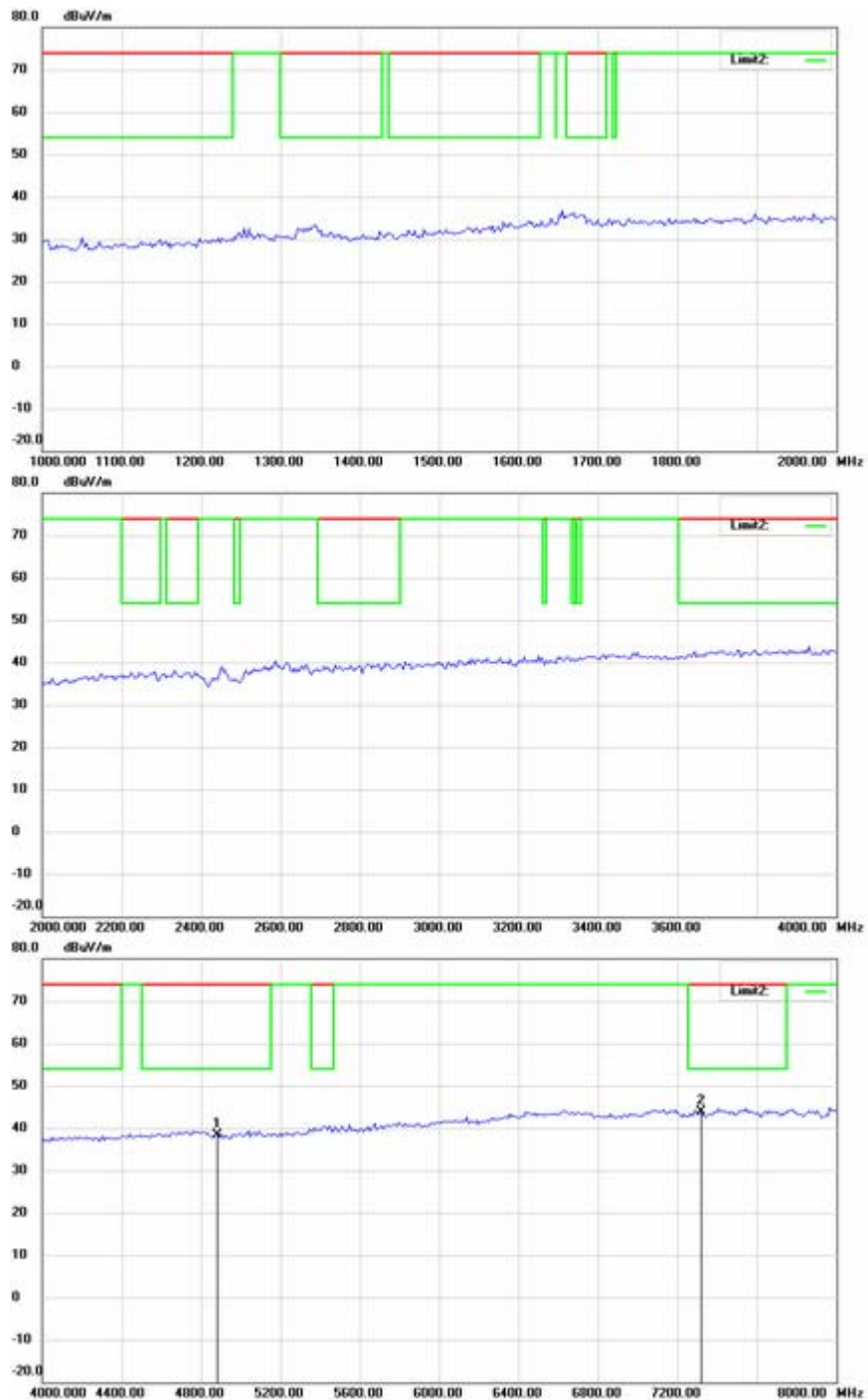
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



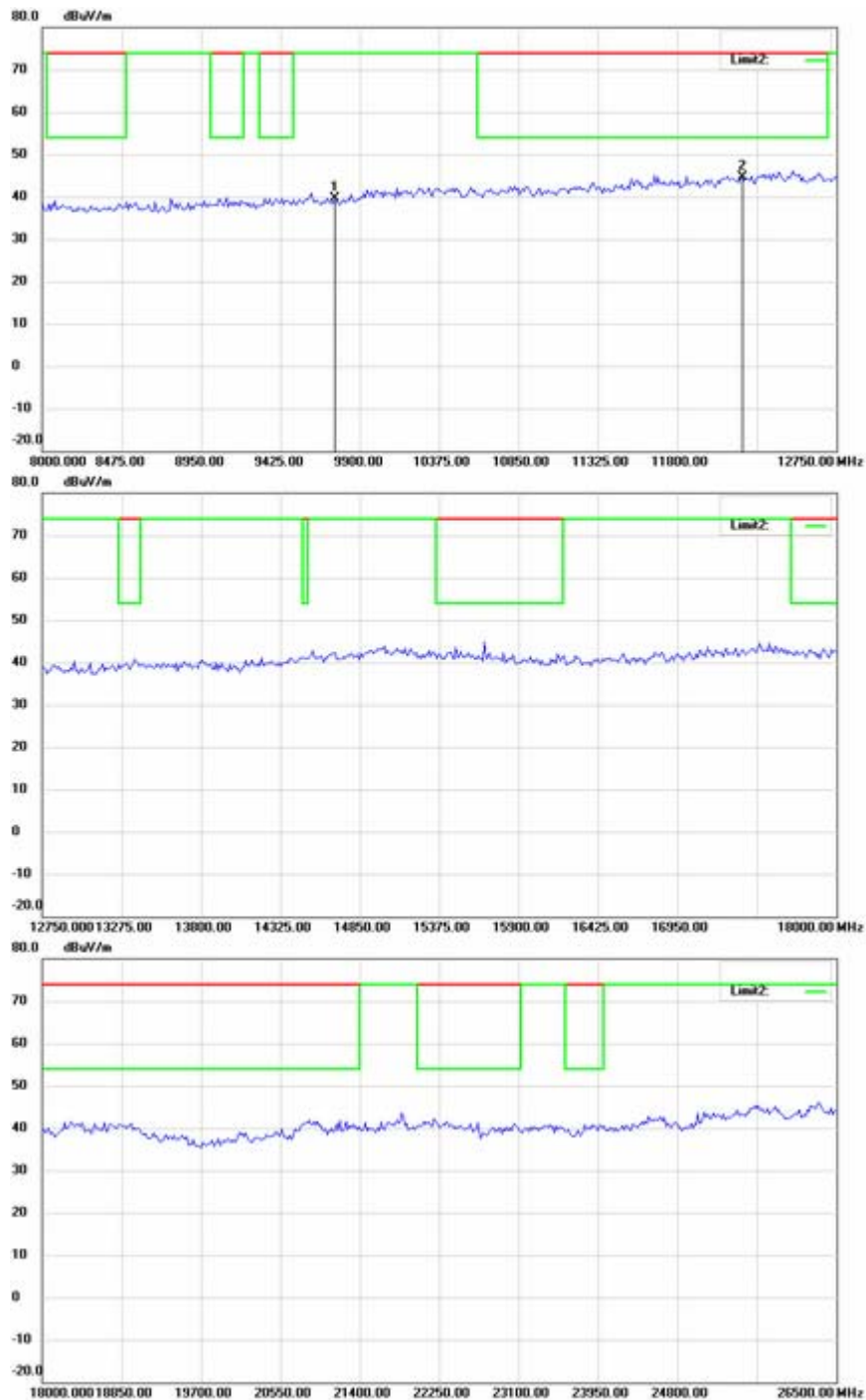
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Up Line: Peak Limit Line
Down Line: Ave Limit Line

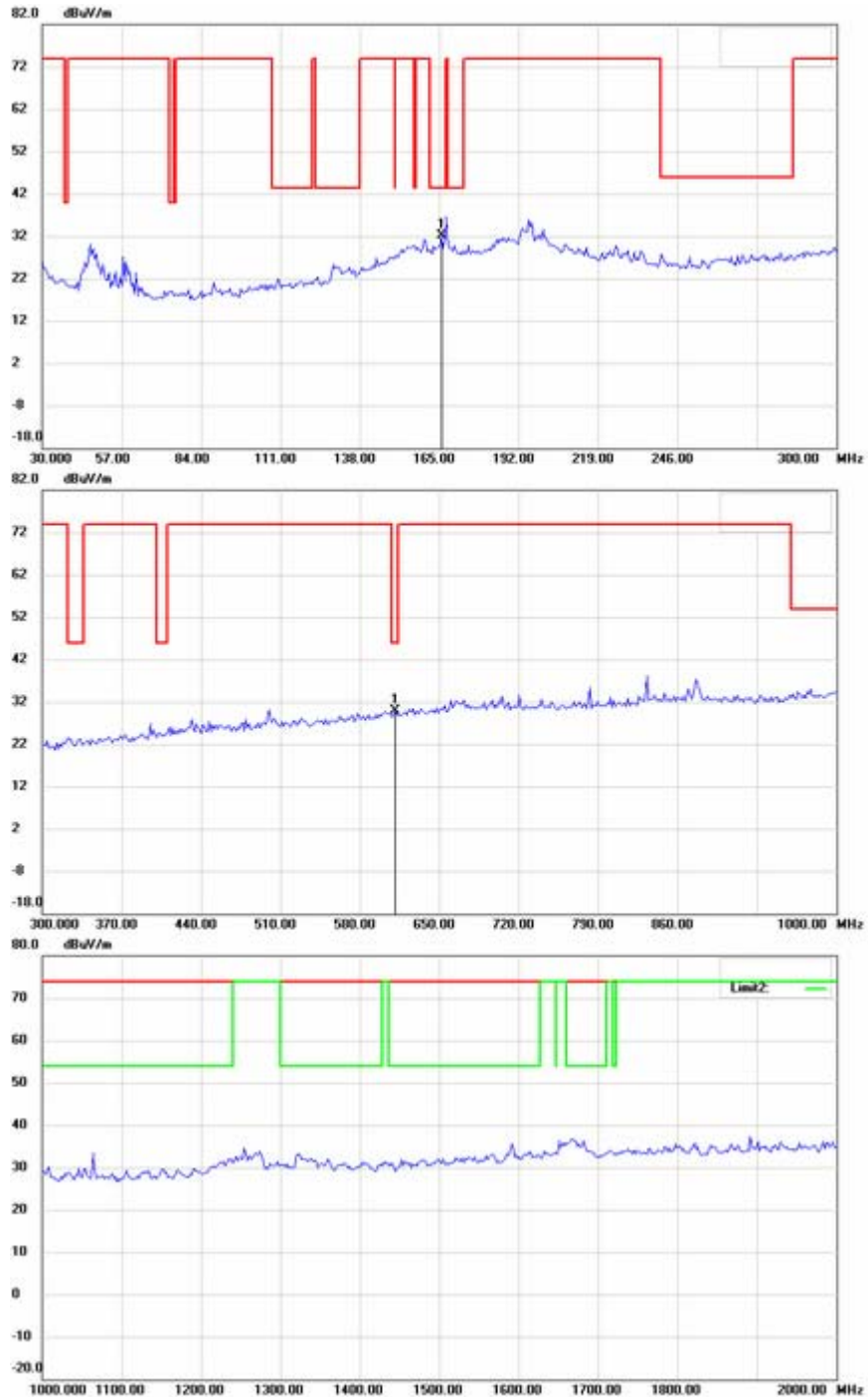
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Antenna Polarization V



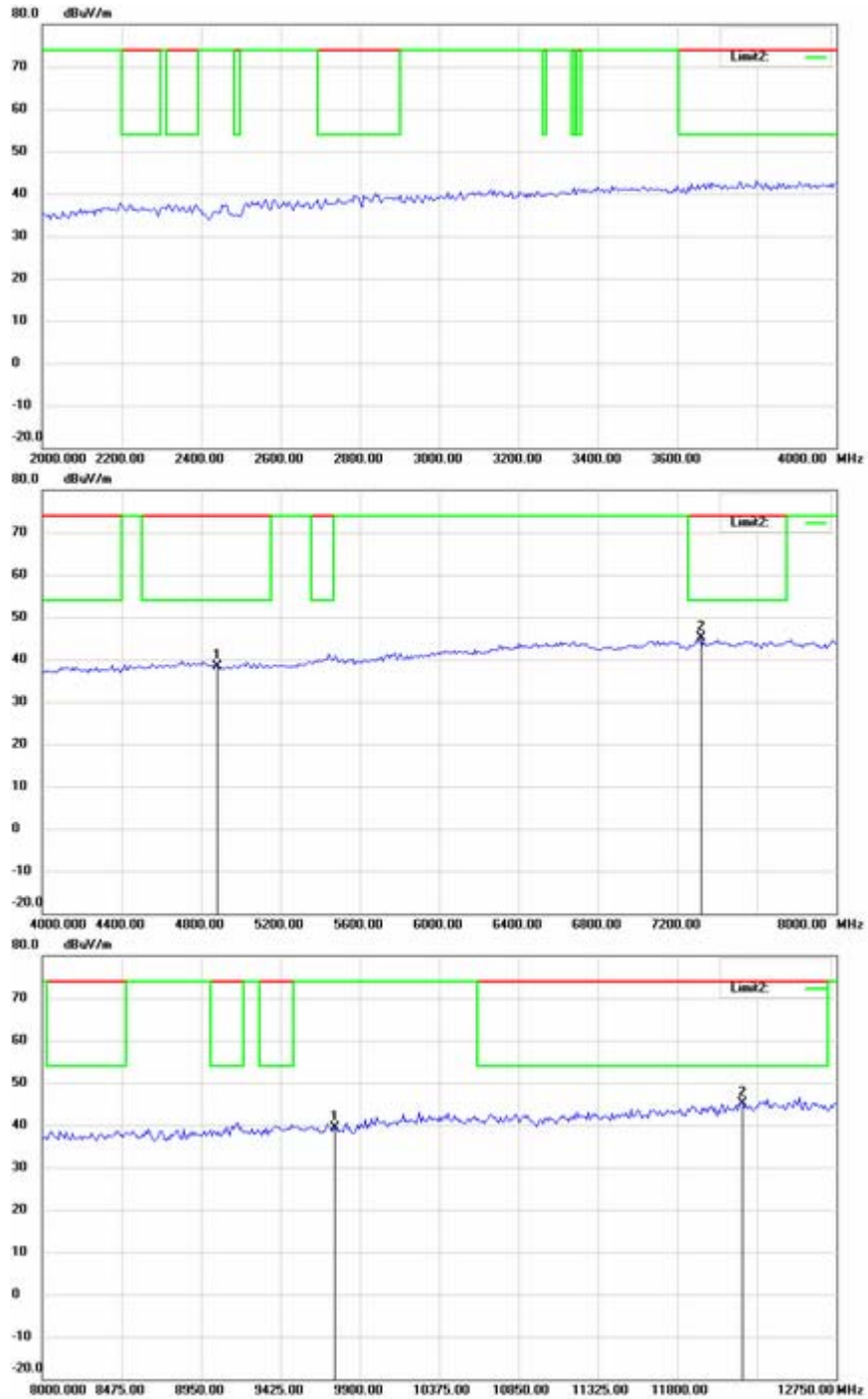
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



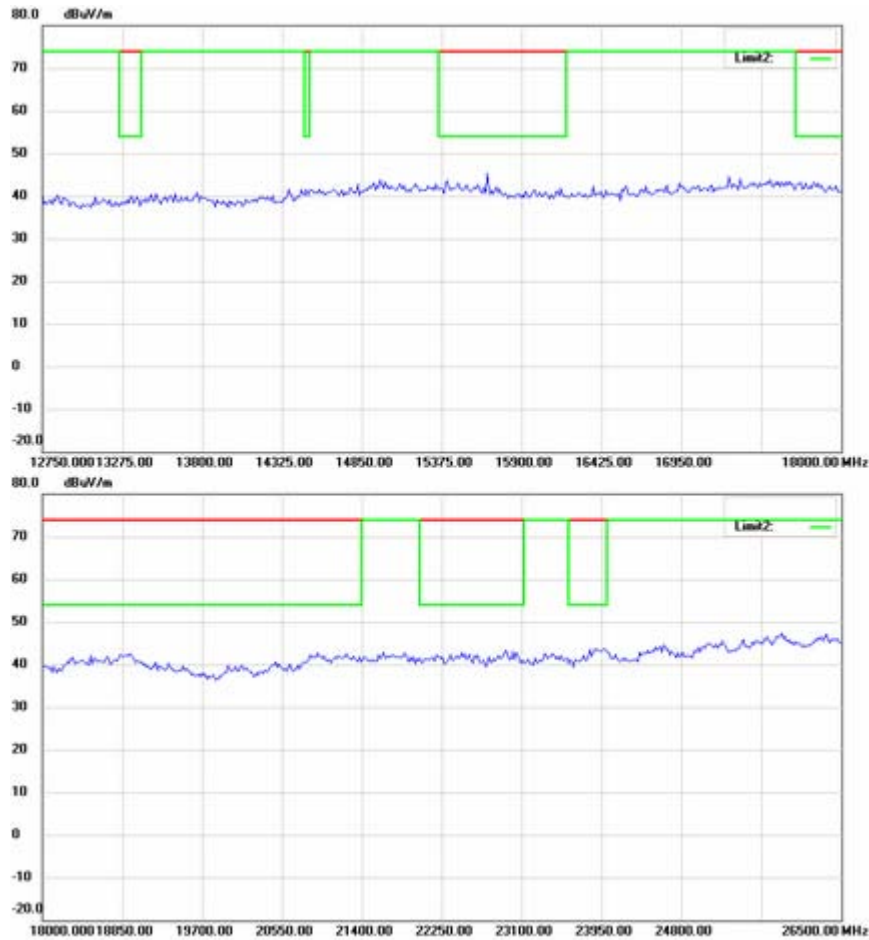
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Channel 7 Antenna Polarization H



Up Line: Peak Limit Line
Down Line: Ave Limit Line

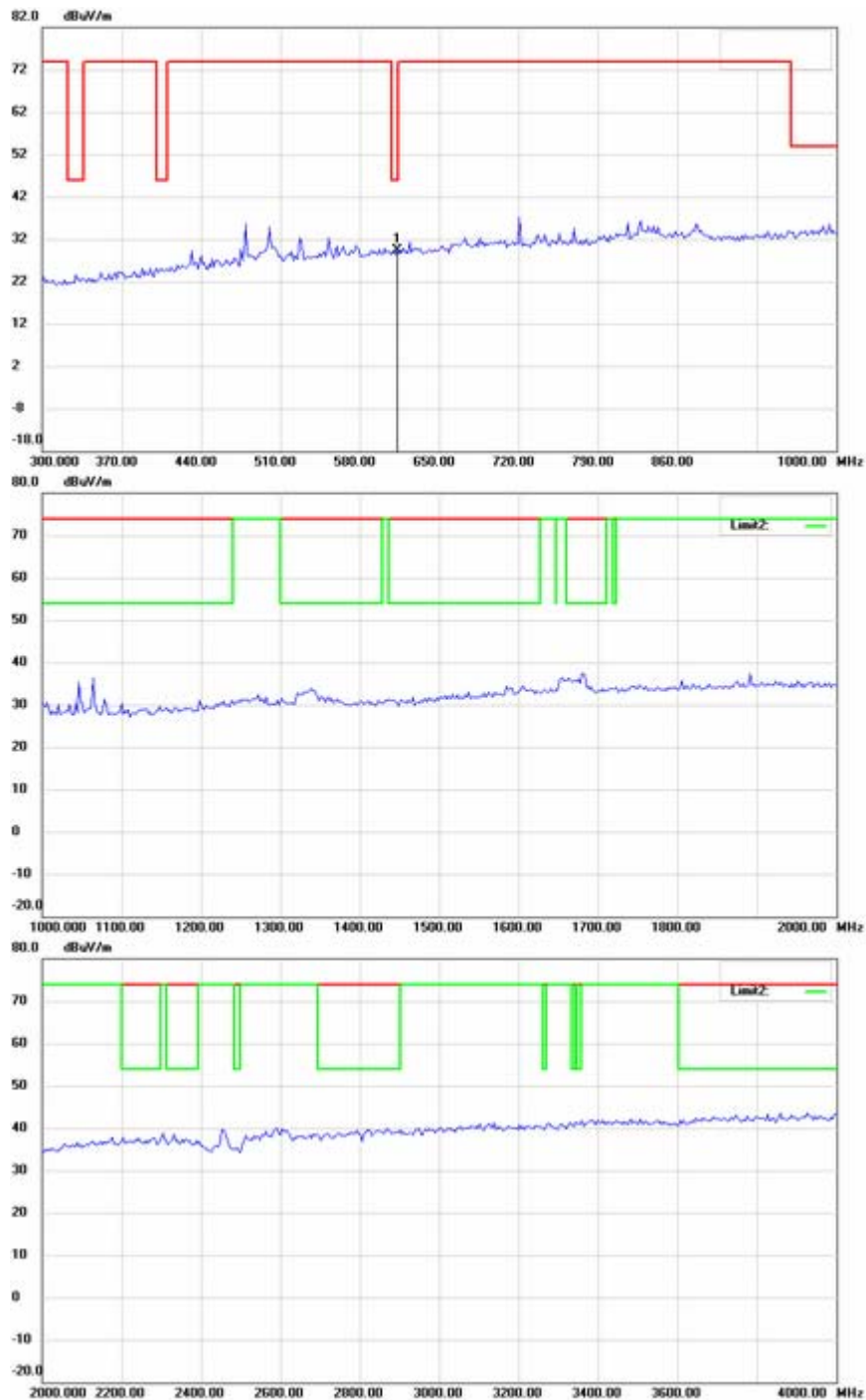
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



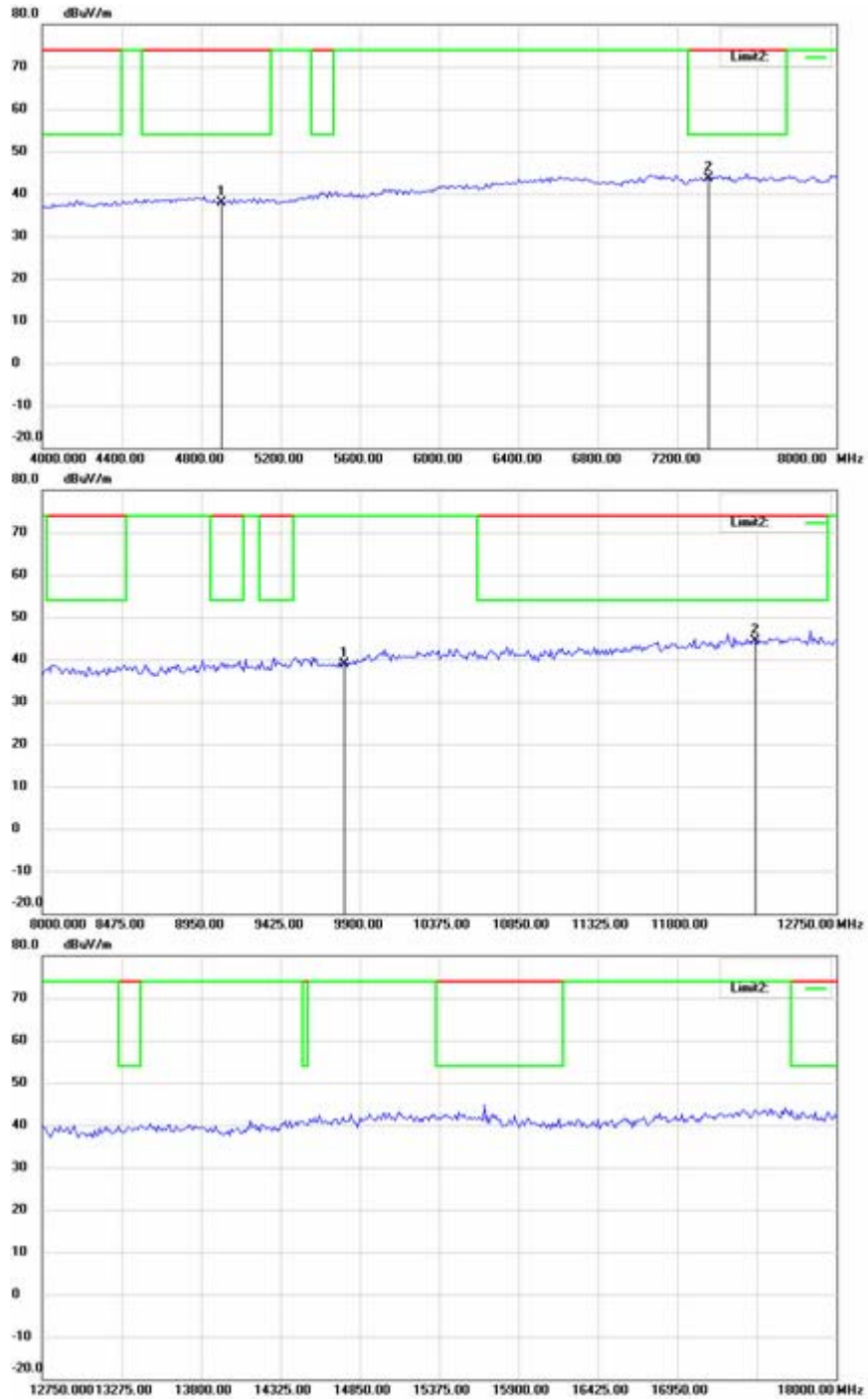
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



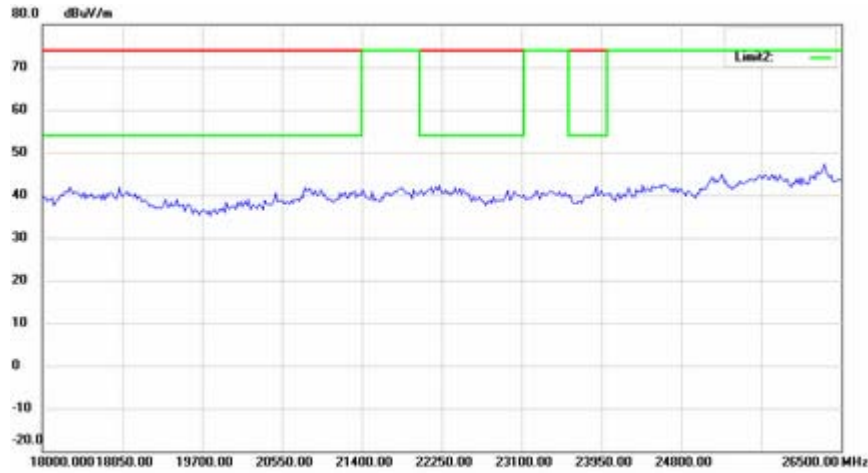
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

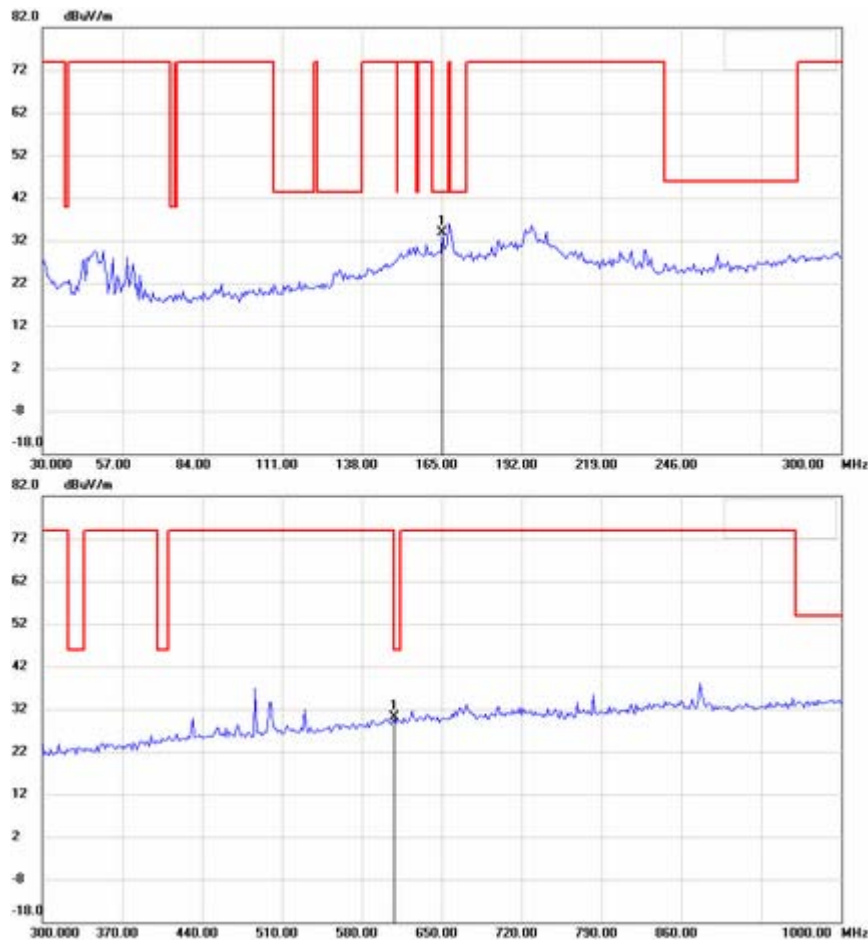
1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed of the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Antenna Polarization V



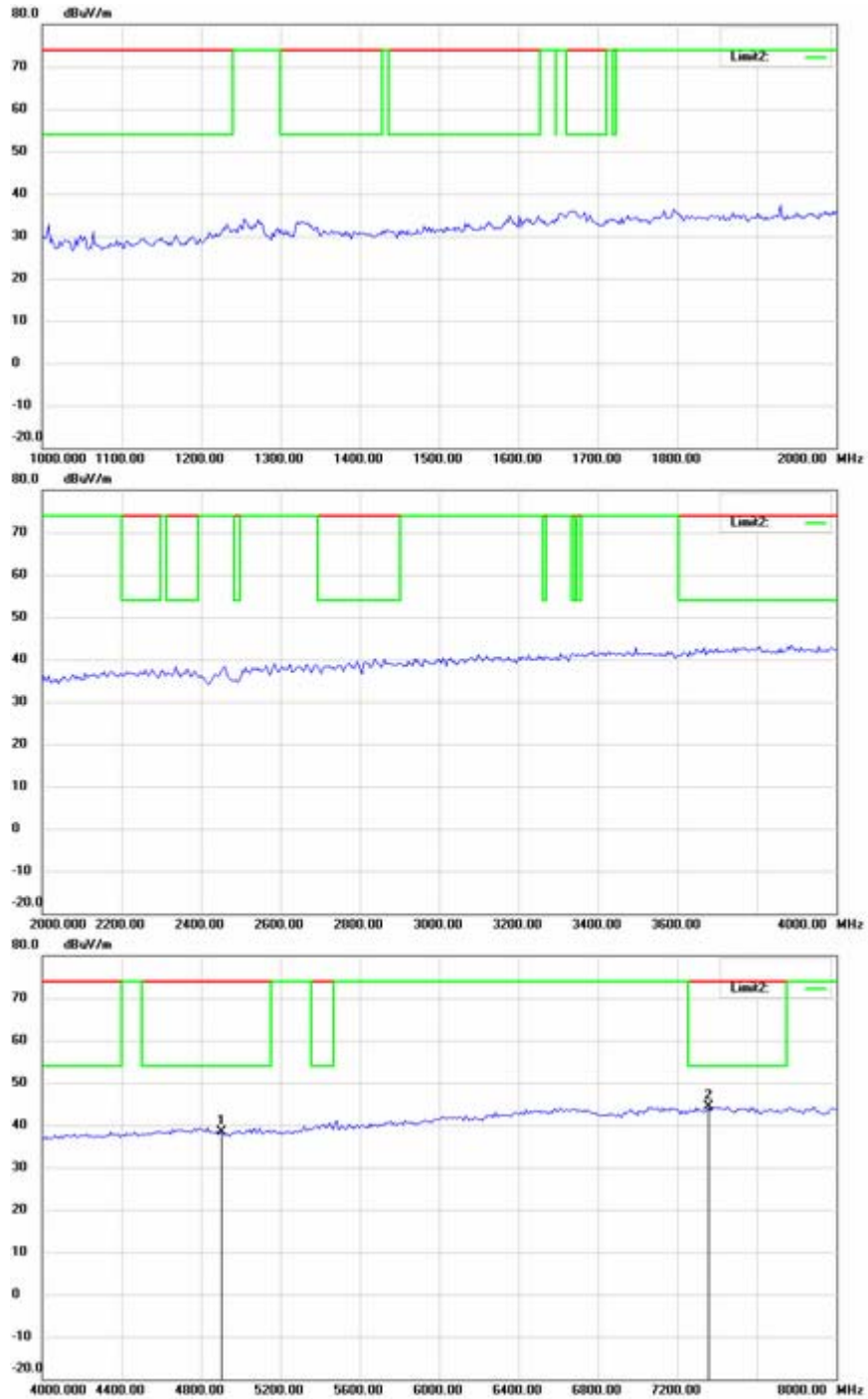
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



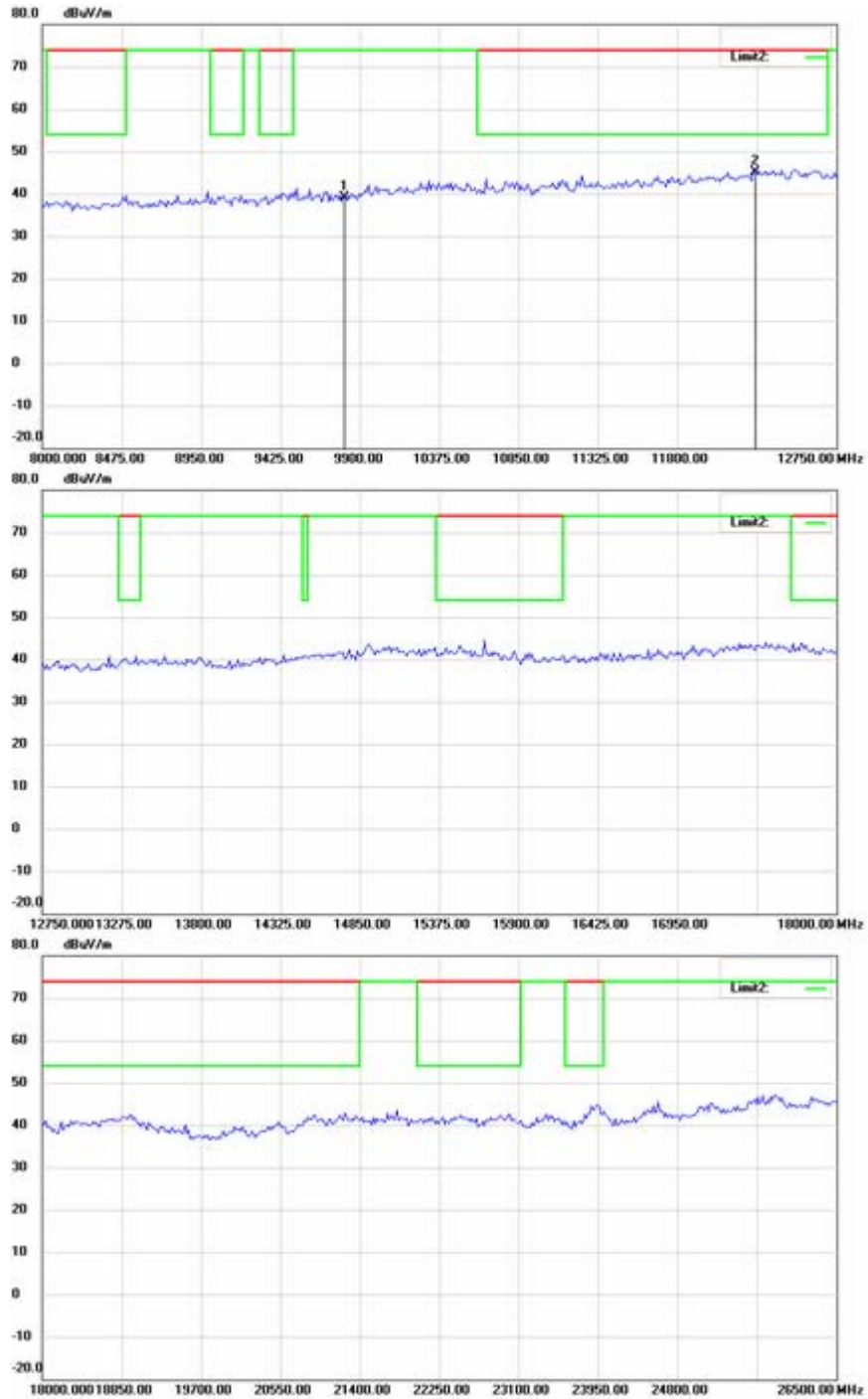
Up Line: Peak Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



Up Line: Peak Limit Line
Down Line: Ave Limit Line

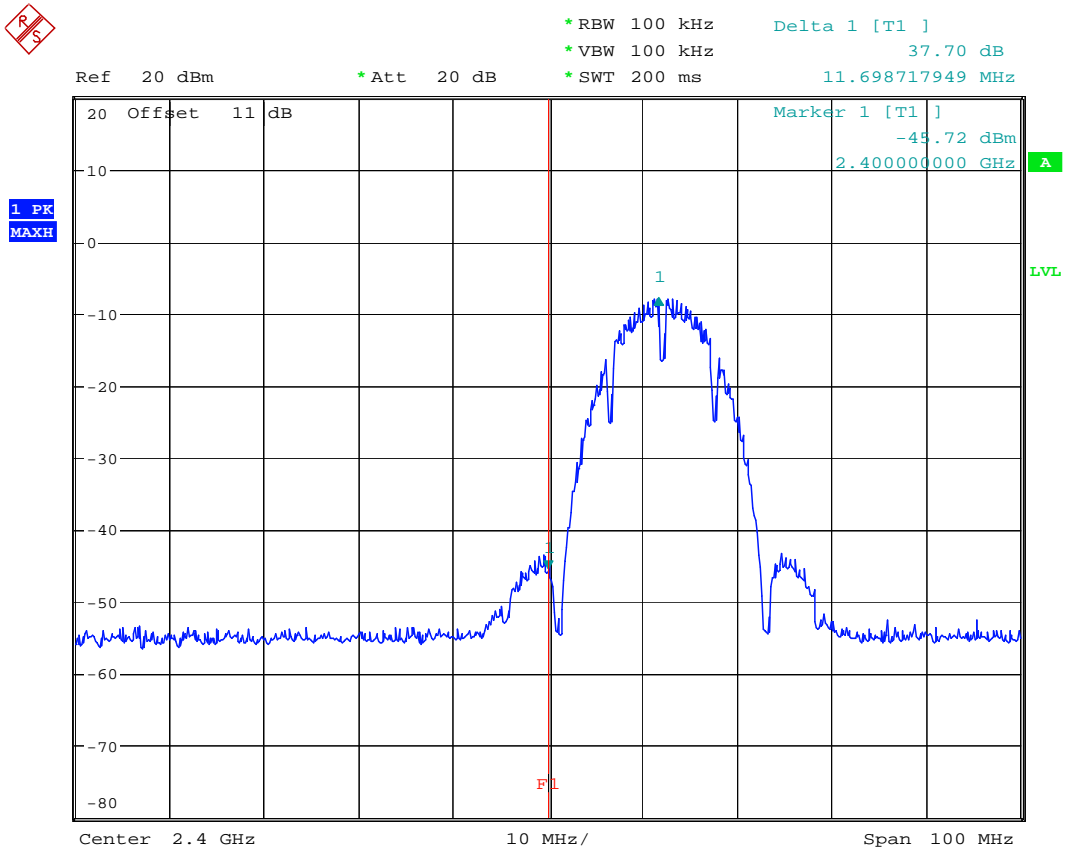
Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of radiated test data of this test report.



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Band Edge Measurement Mode A



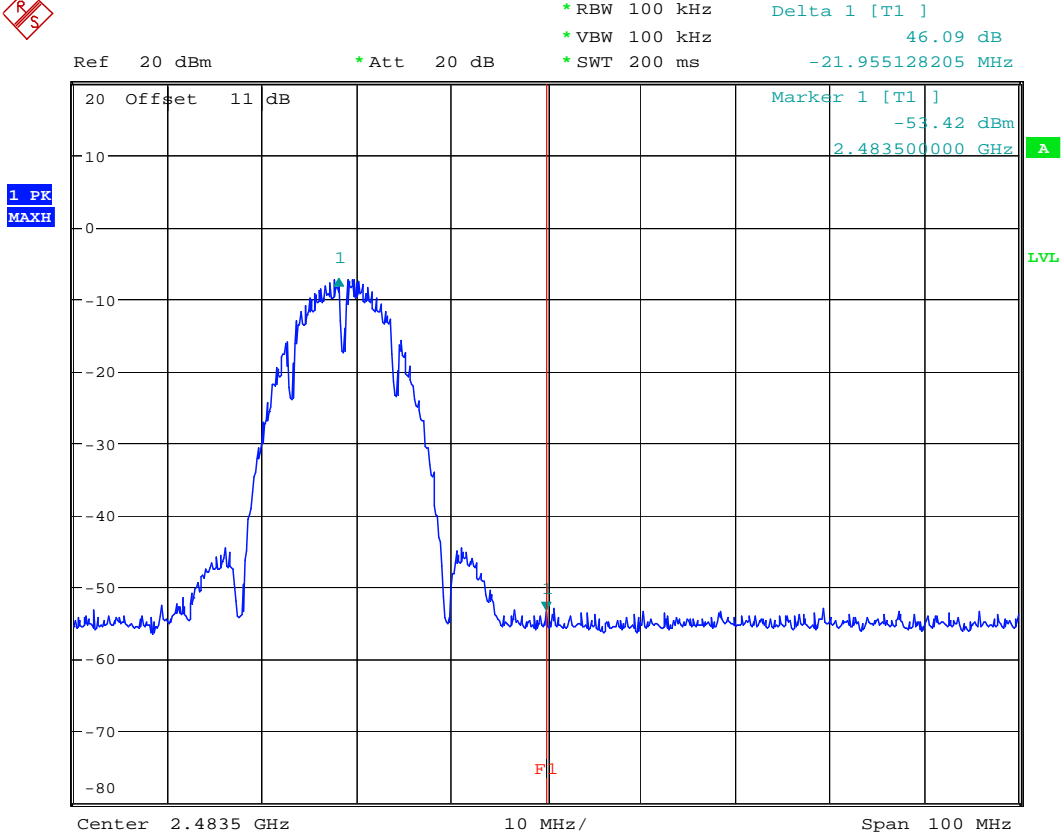
BANDEDGE 802.11b CH1

Date: 9.DEC.2008 08:38:45



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



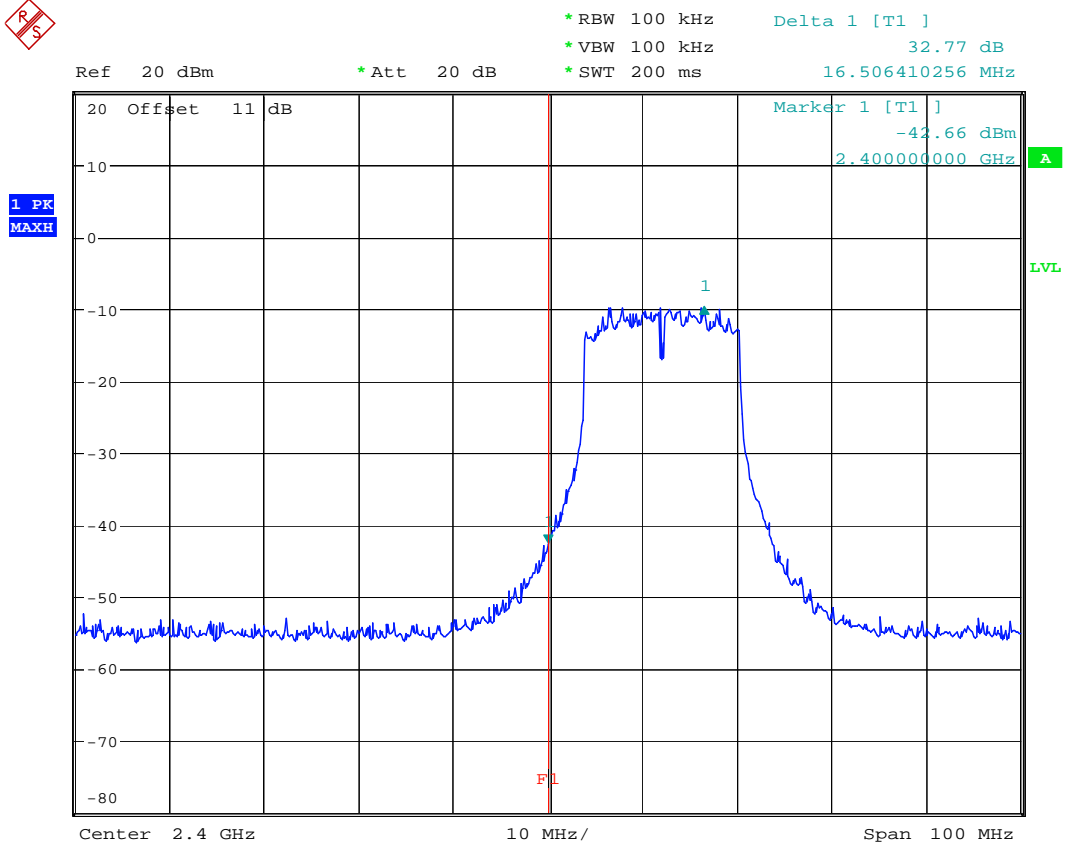
BANDEDGE 802.11b CH11

Date: 9.DEC.2008 08:36:02



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode B



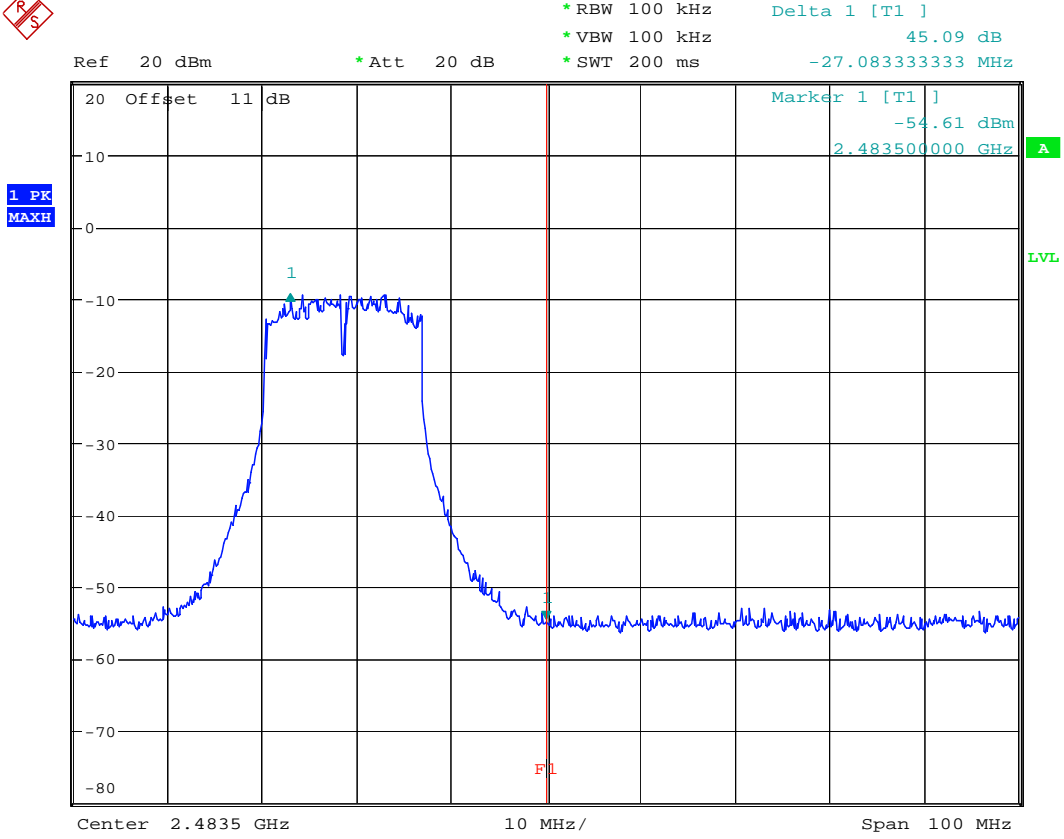
BANDEDGE 802.11g CH1

Date: 9.DEC.2008 08:38:25



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



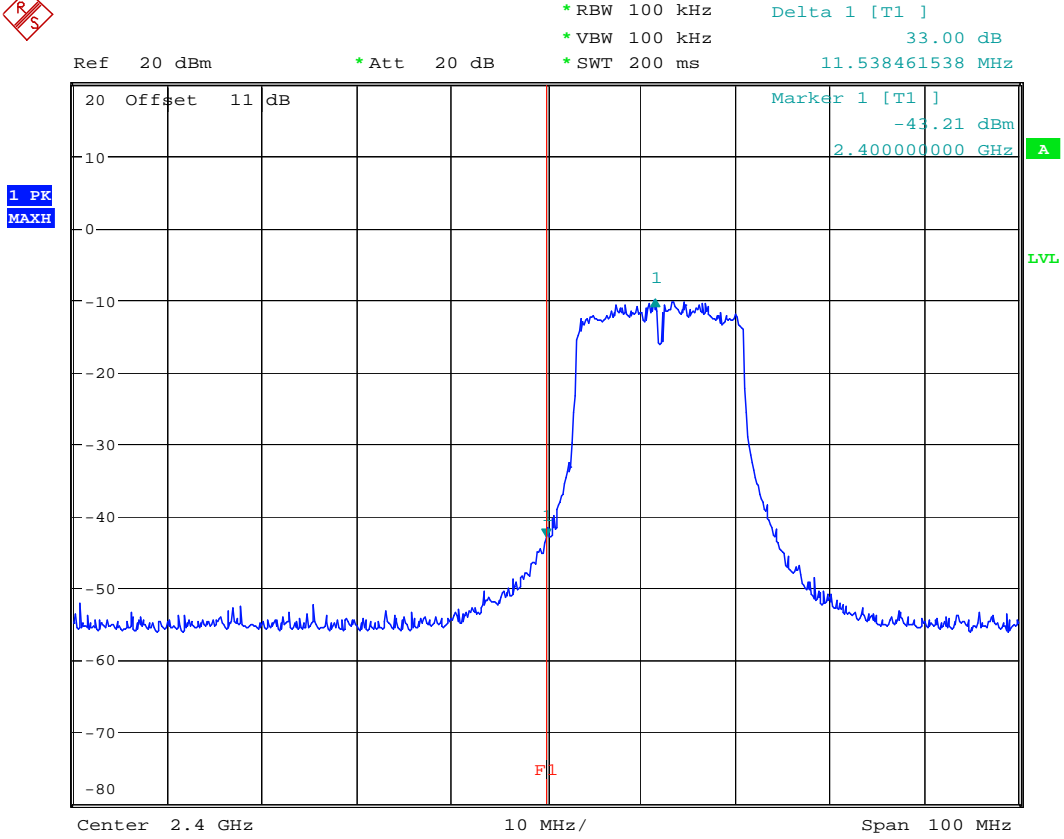
BANDEDGE 802.11g CH11

Date: 9.DEC.2008 08:35:43



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode C

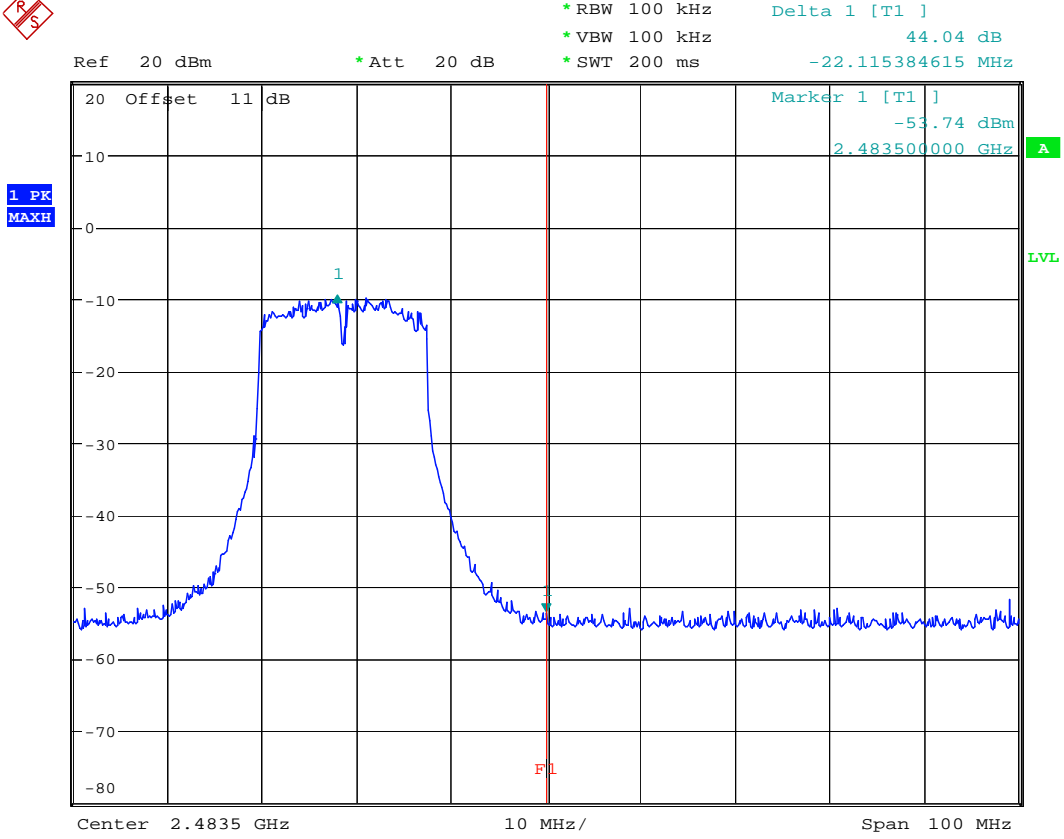


BANDEDGE 802.11n 20MHz CH1
Date: 9.DEC.2008 08:37:57



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

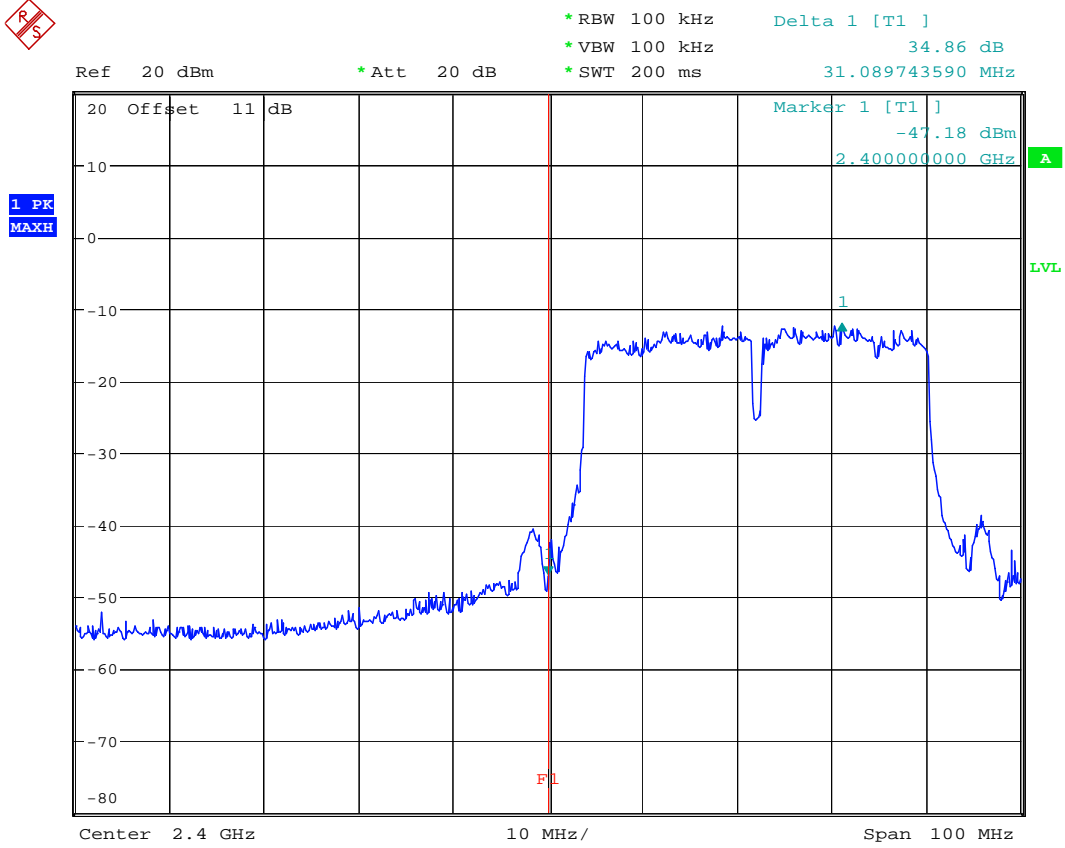


BANDEDGE 802.11n 20MHz CH11
Date: 9.DEC.2008 08:36:33



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode D

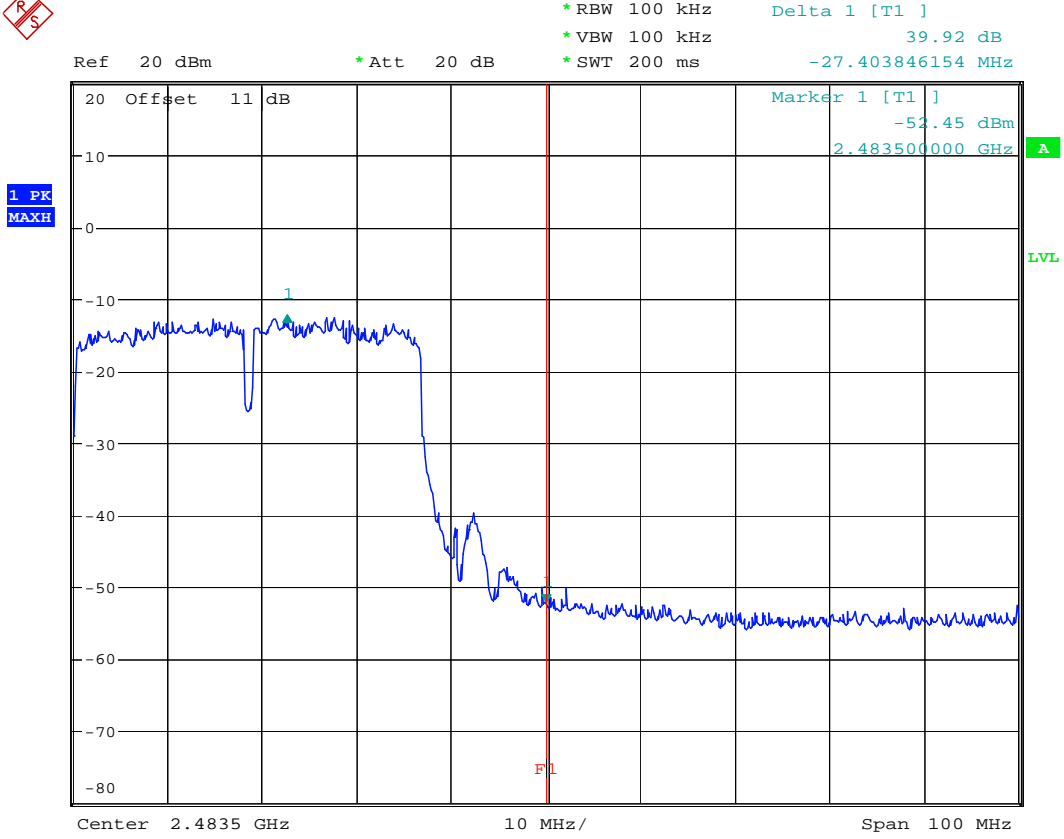


BANDEDGE 802.11n 40MHz CH1
Date: 9.DEC.2008 08:37:38



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

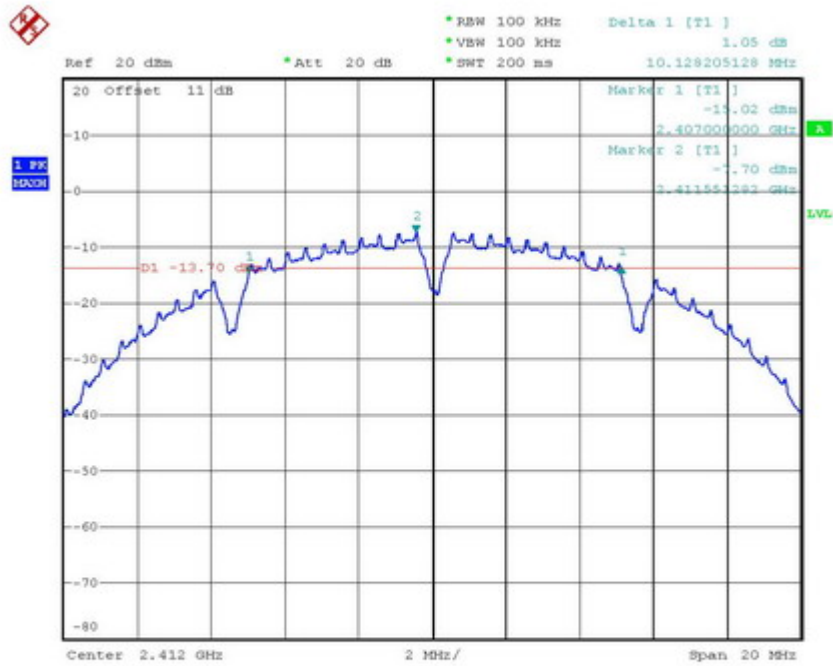


BANDEDGE 802.11n 40MHz CH7
Date: 9.DEC.2008 08:37:00



Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Minimum 6dB Bandwidth Mode A

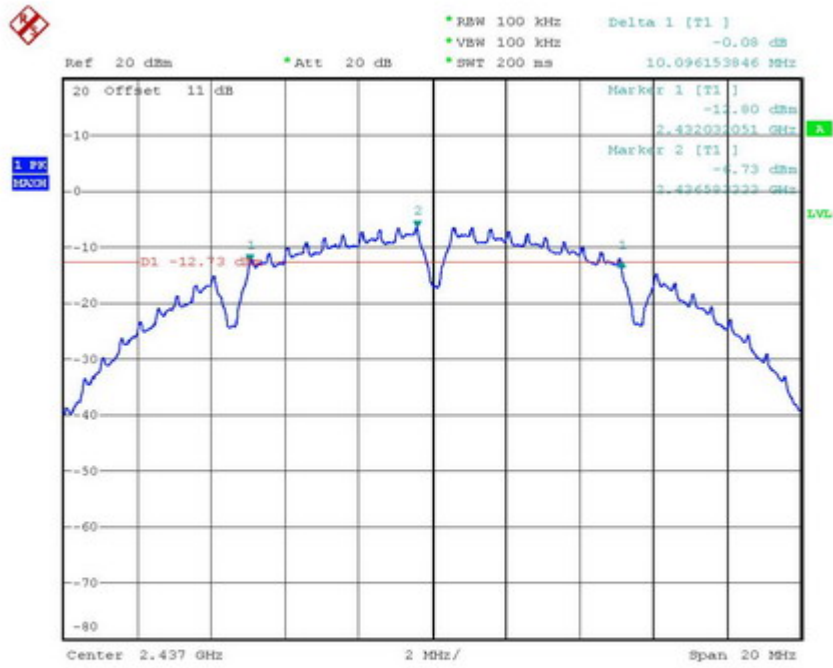


6DB BANDWIDTH 802.11b CH1
Date: 9.DEC.2008 09:05:13

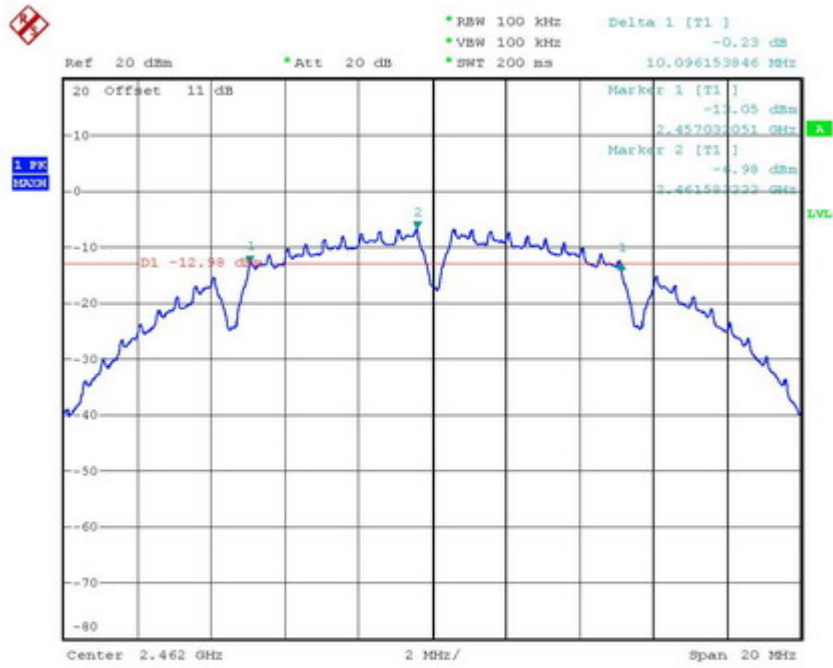


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



6DB BANDWIDTH 802.11b CH6
Date: 9.DEC.2008 09:06:19



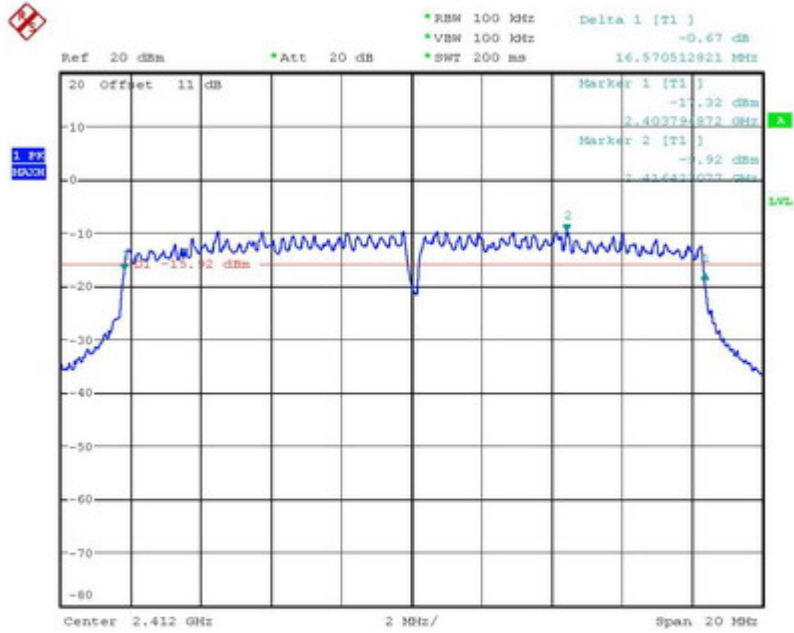
6DB BANDWIDTH 802.11b CH11
Date: 9.DEC.2008 09:09:45



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode B

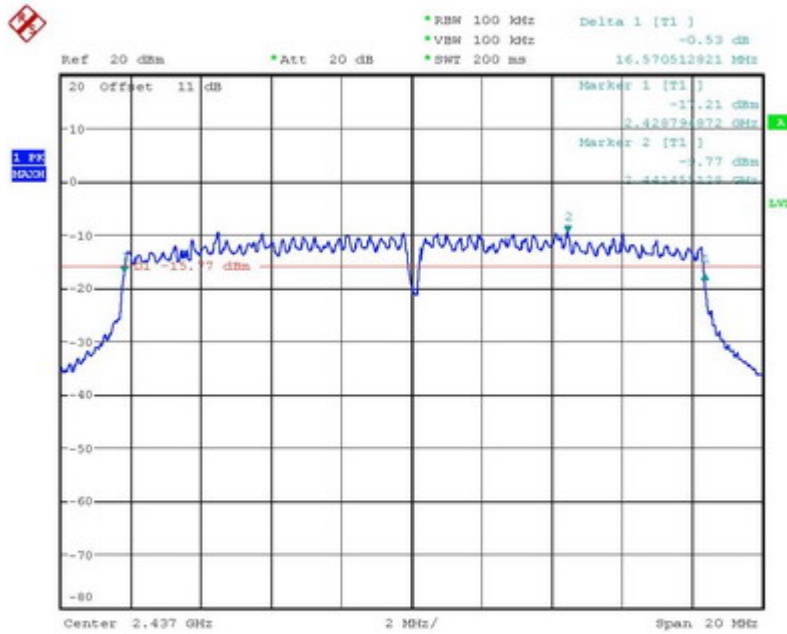


60B BANDWIDTH 802.11g CH1
Date: 9.DEC.2008 09:03:17

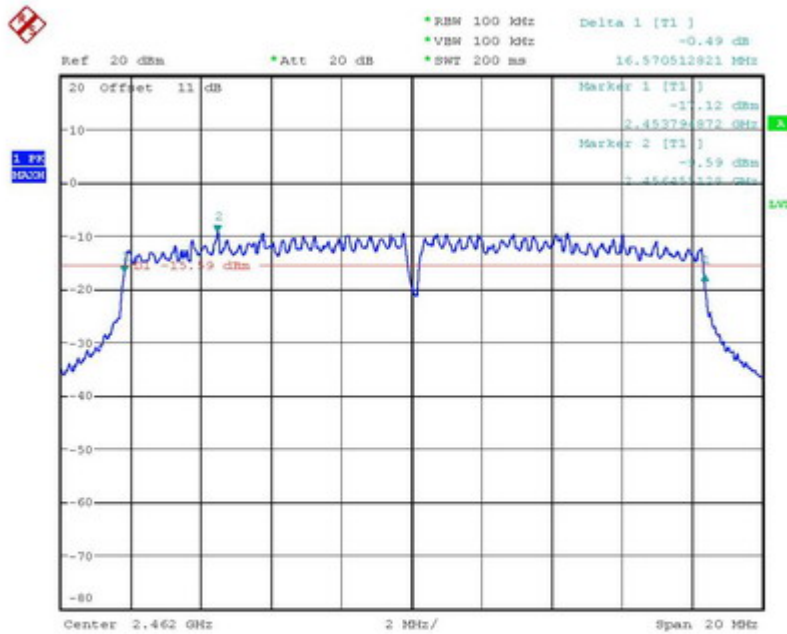


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



60B BANDWIDTH 802.11g CH6
Date: 9.DEC.2008 09:02:24



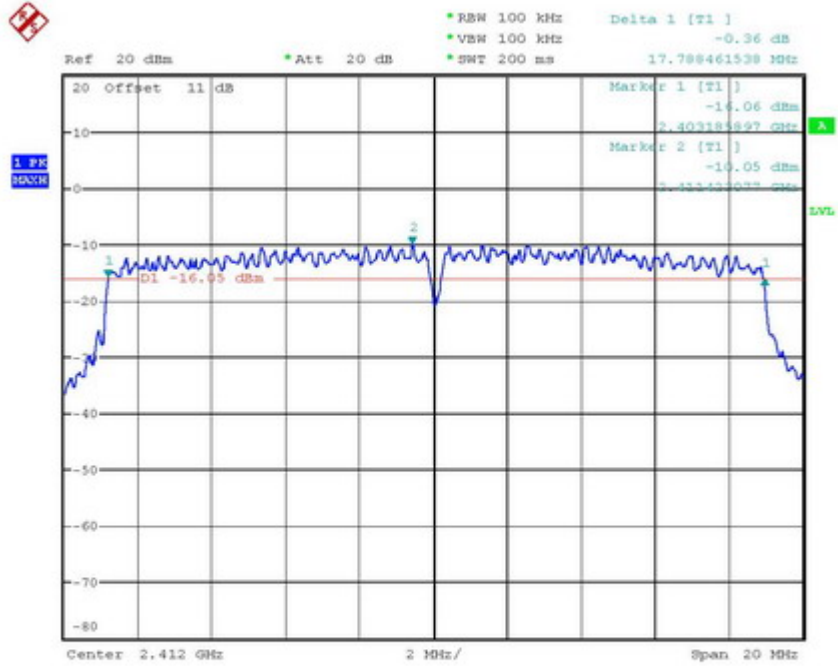
60B BANDWIDTH 802.11g CH11
Date: 9.DEC.2008 09:00:28



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode C

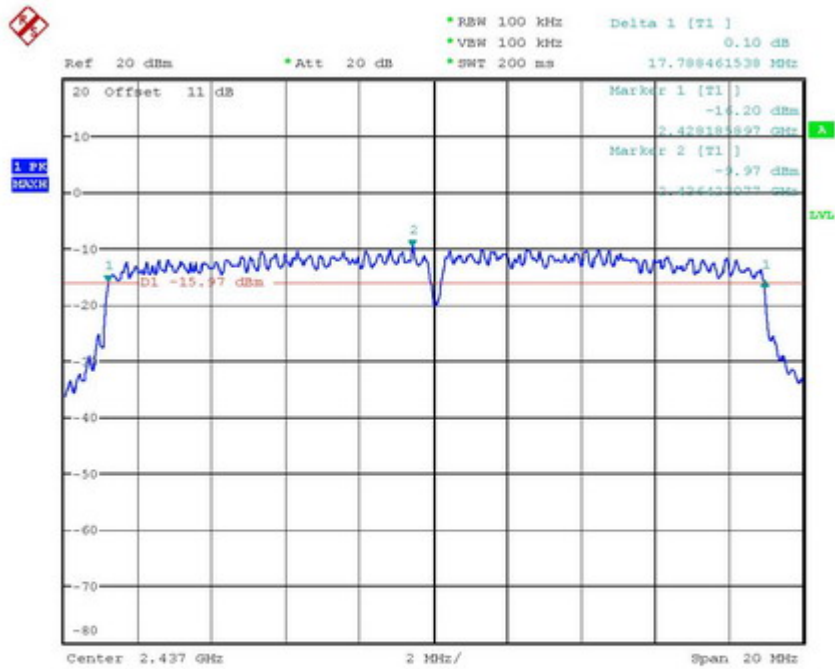


6DB BANDWIDTH 802.11n 20MHz CH1
Date: 9.DEC.2008 08:57:52

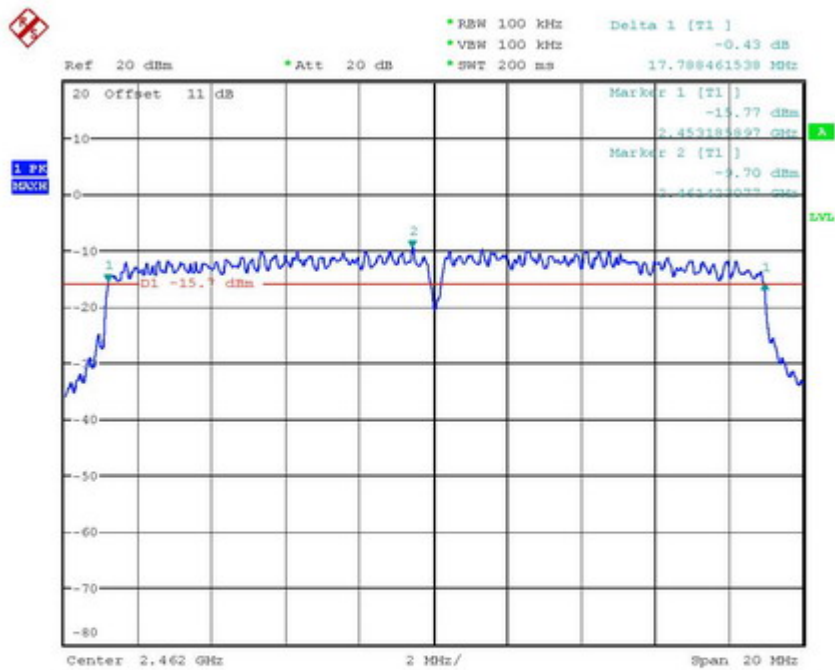


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N



6DB BANDWIDTH 802.11n 20MHz CH6
 Date: 9.DEC.2008 08:58:57



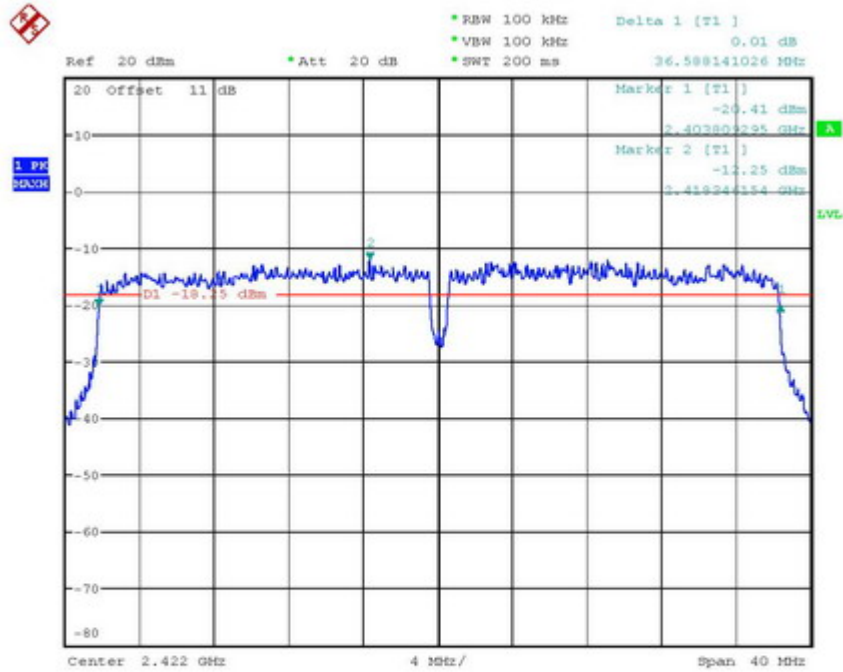
6DB BANDWIDTH 802.11n 20MHz CH11
 Date: 9.DEC.2008 08:59:40



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode D

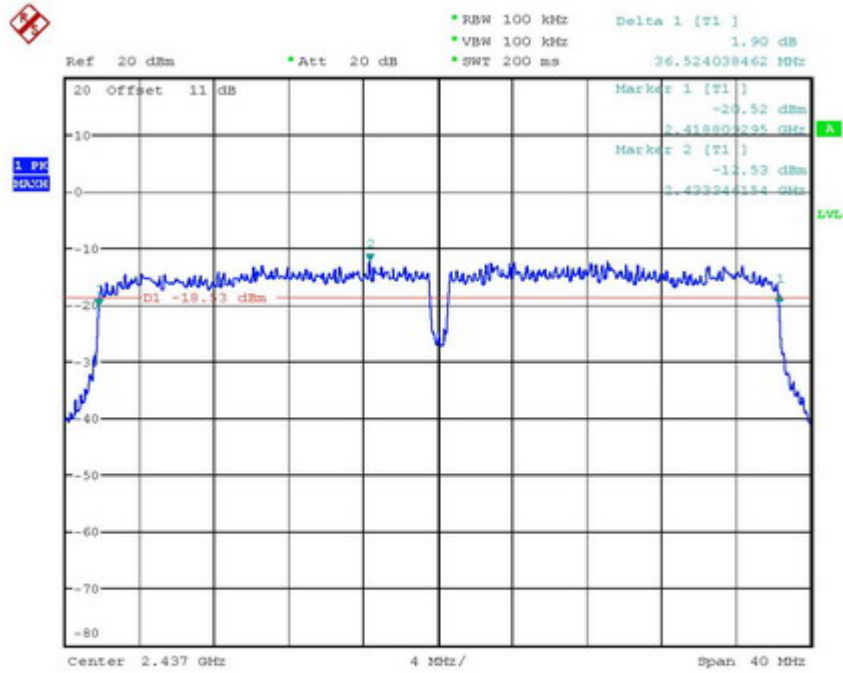


60B BANDWIDTH 802.11n 40MHz CH1
Date: 9.DEC.2008 08:57:00

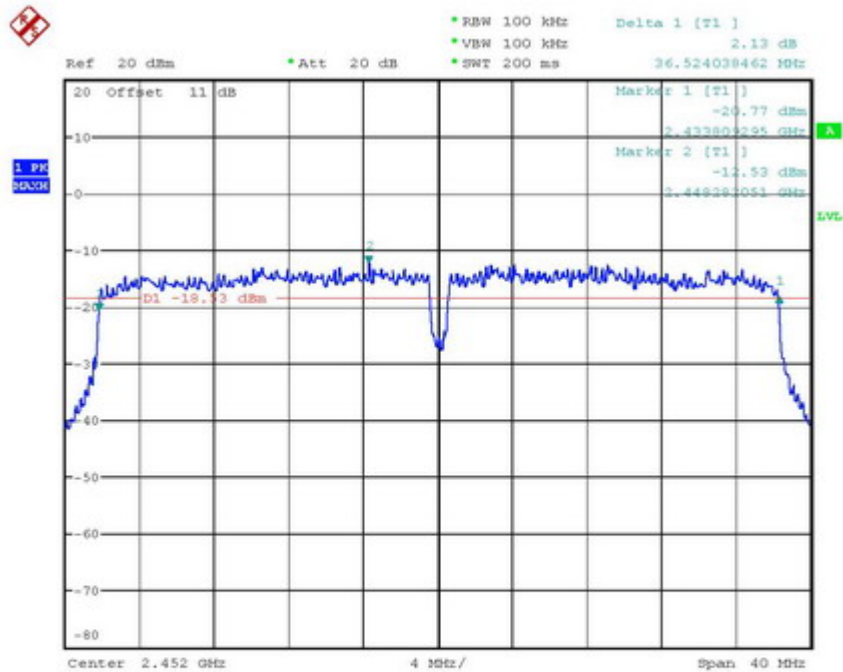


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
 FCC ID: U6A-WU206N



6DB BANDWIDTH 802.11n 40MHz CH4
 Date: 9.DEC.2008 08:56:13

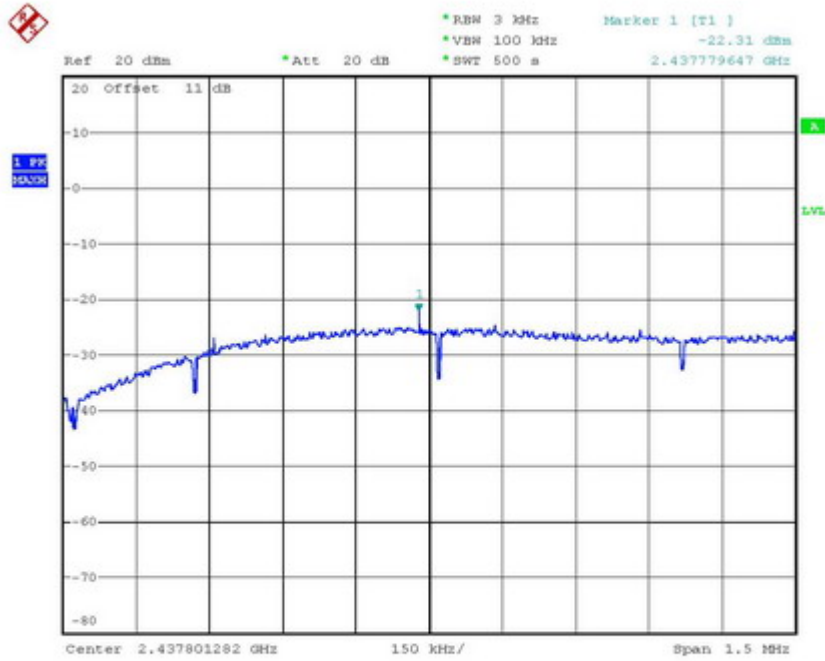


6DB BANDWIDTH 802.11n 40MHz CH7
 Date: 9.DEC.2008 08:54:45

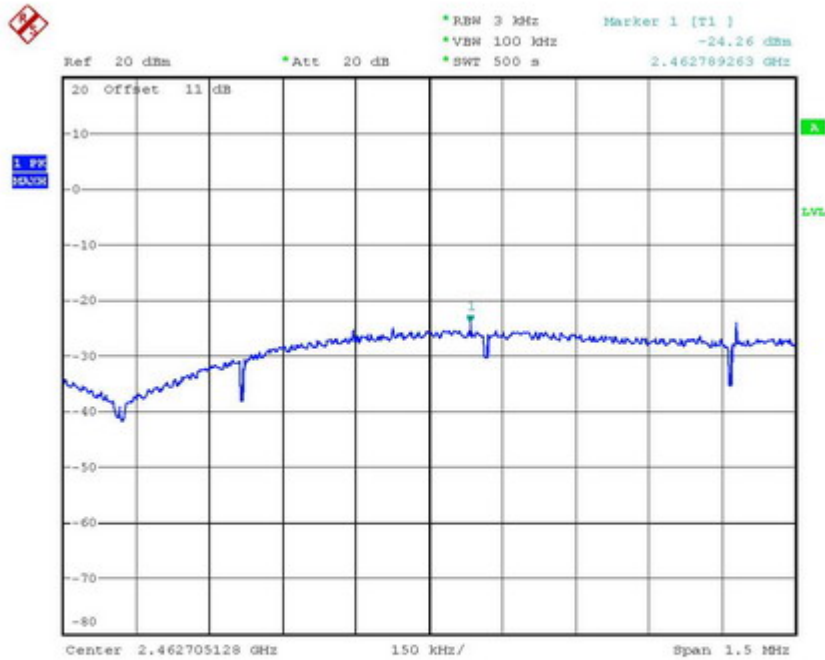


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



POWER DENSITY 802.11b CH6
Date: 9.DEC.2008 08:40:52



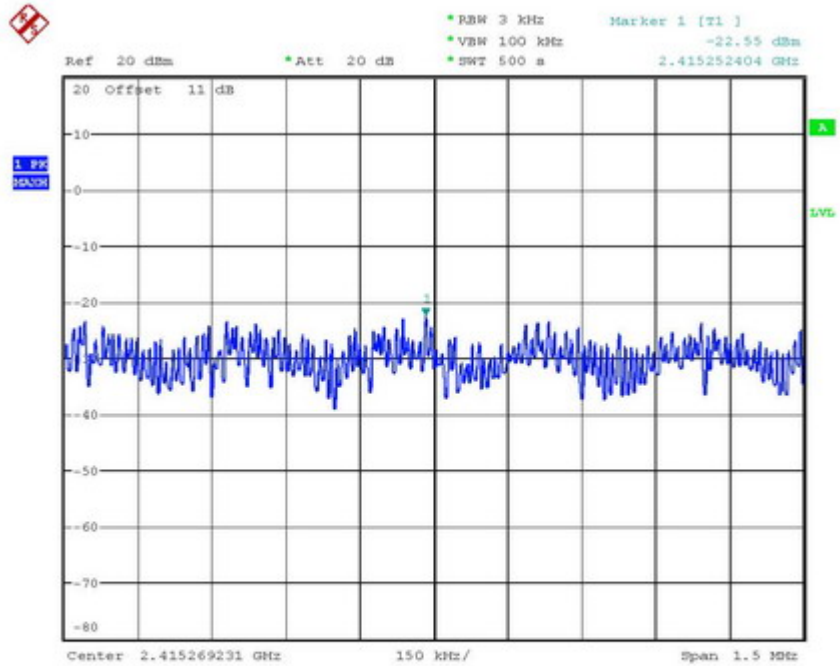
POWER DENSITY 802.11b CH11
Date: 9.DEC.2008 08:41:37



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode B

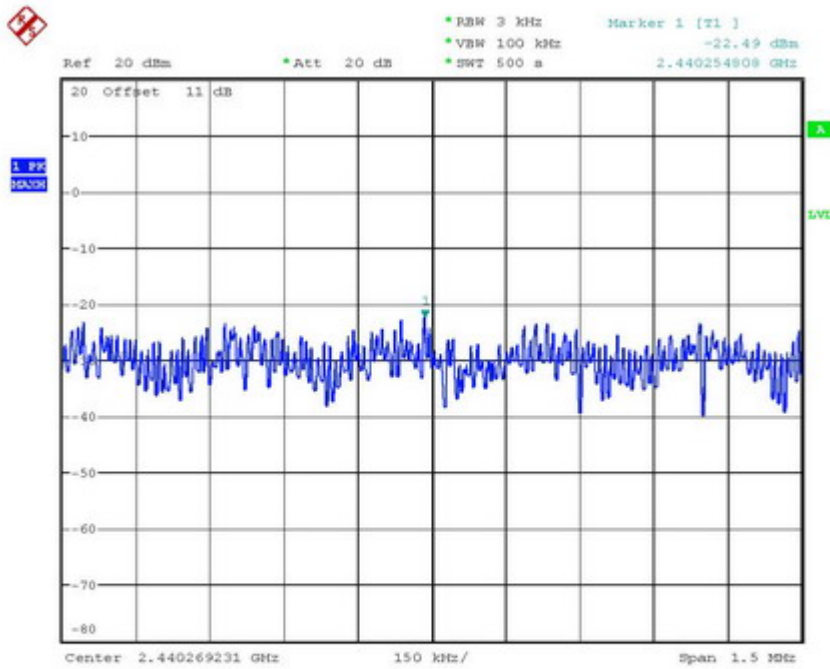


POWER DENSITY 002.11g CH1
Date: 9.DEC.2008 08:43:31

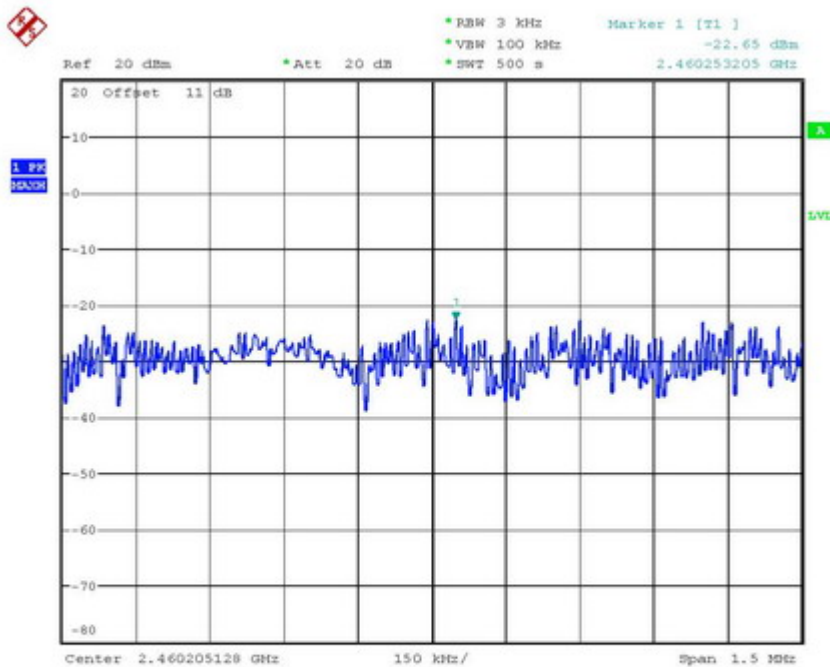


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



POWER DENSITY 802.11g CH6
Date: 9.DEC.2008 08:42:57



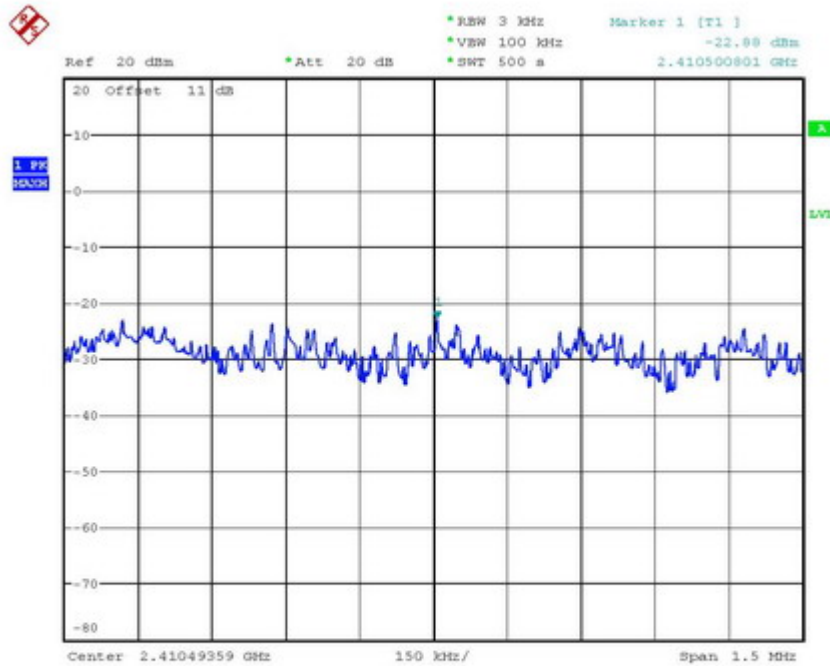
POWER DENSITY 802.11g CH11
Date: 9.DEC.2008 08:42:17



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode C

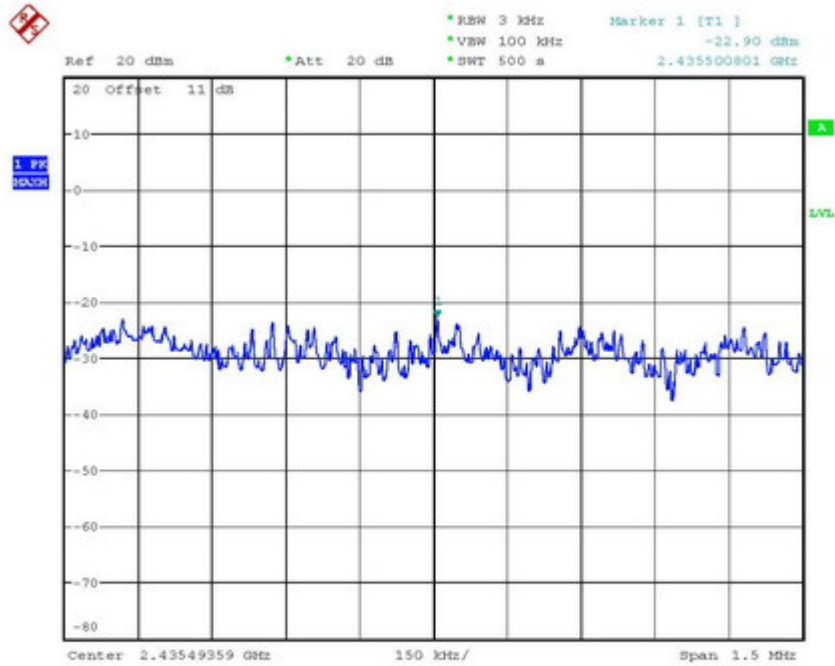


POWER DENSITY 802.11n 20MHz CH1
Date: 9.DEC.2008 08:44:16

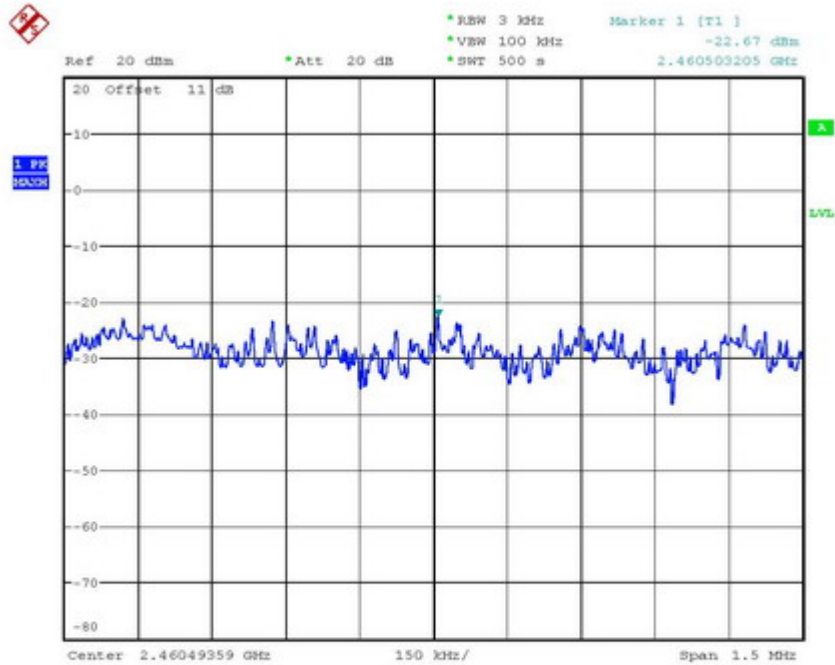


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



POWER DENSITY 802.11n 20MHz CH6
Date: 9.DEC.2008 08:47:05



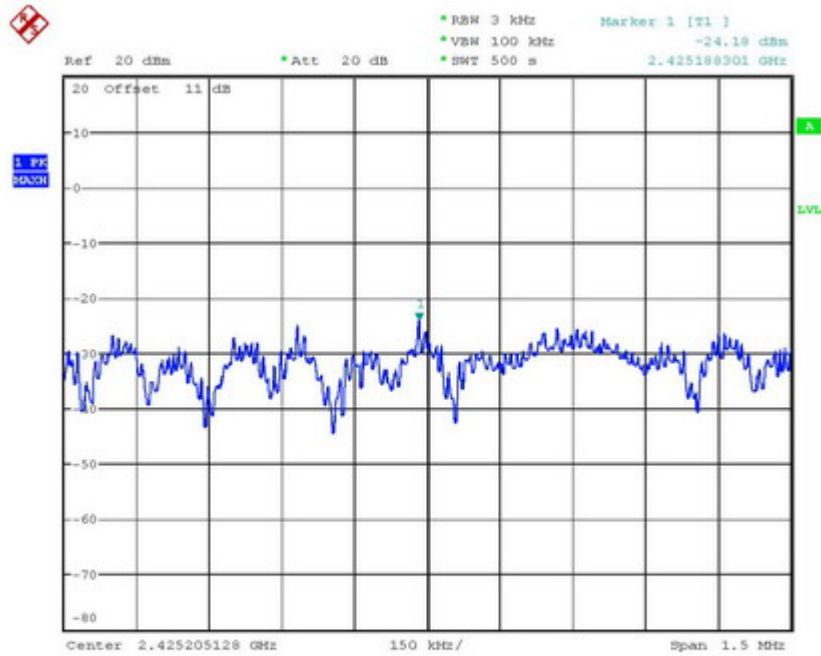
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Date: 9.DEC.2008 08:46:14



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Mode D

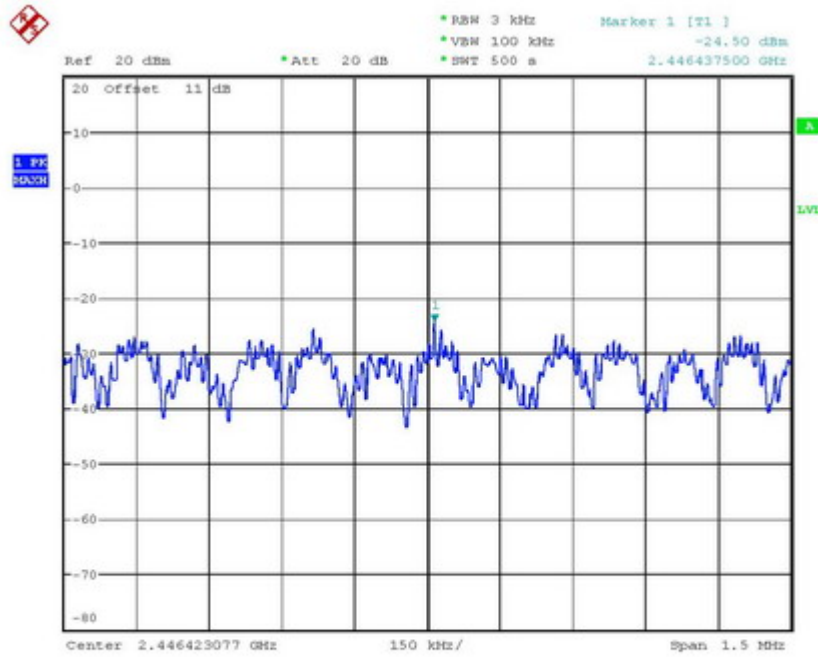


POWER DENSITY 802.11n 40MHz CH1
Date: 9.DEC.2008 08:47:49

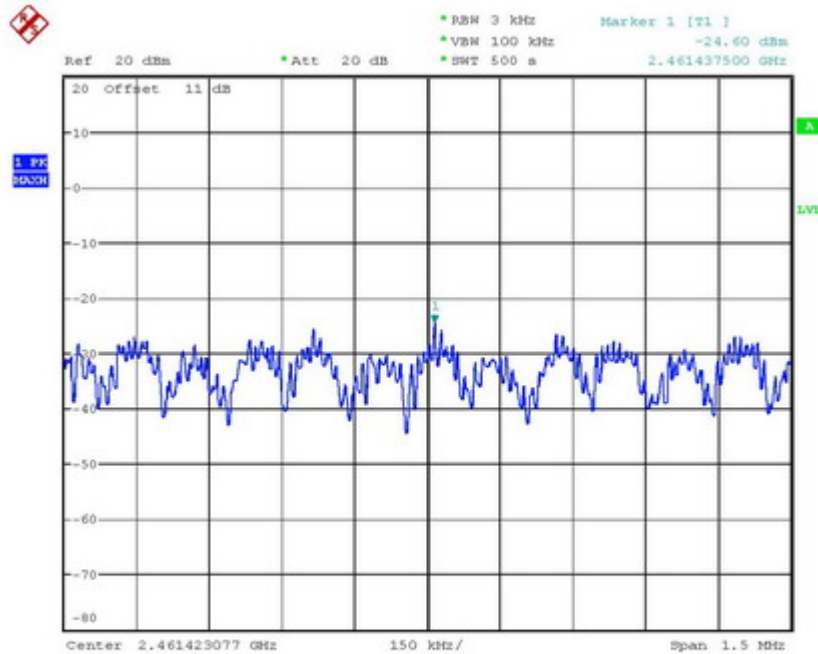


Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N



POWER DENSITY 802.11n 40MHz CH4
Date: 9.DEC.2008 08:49:10

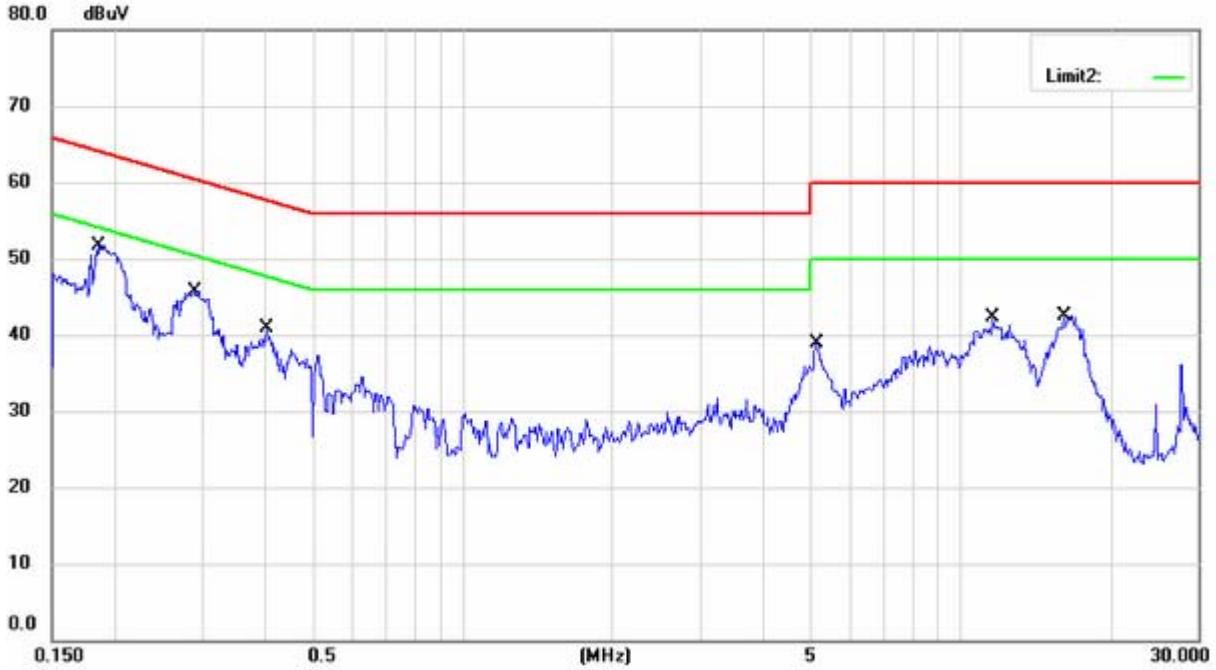


POWER DENSITY 802.11n 40MHz CH7
Date: 9.DEC.2008 08:49:52

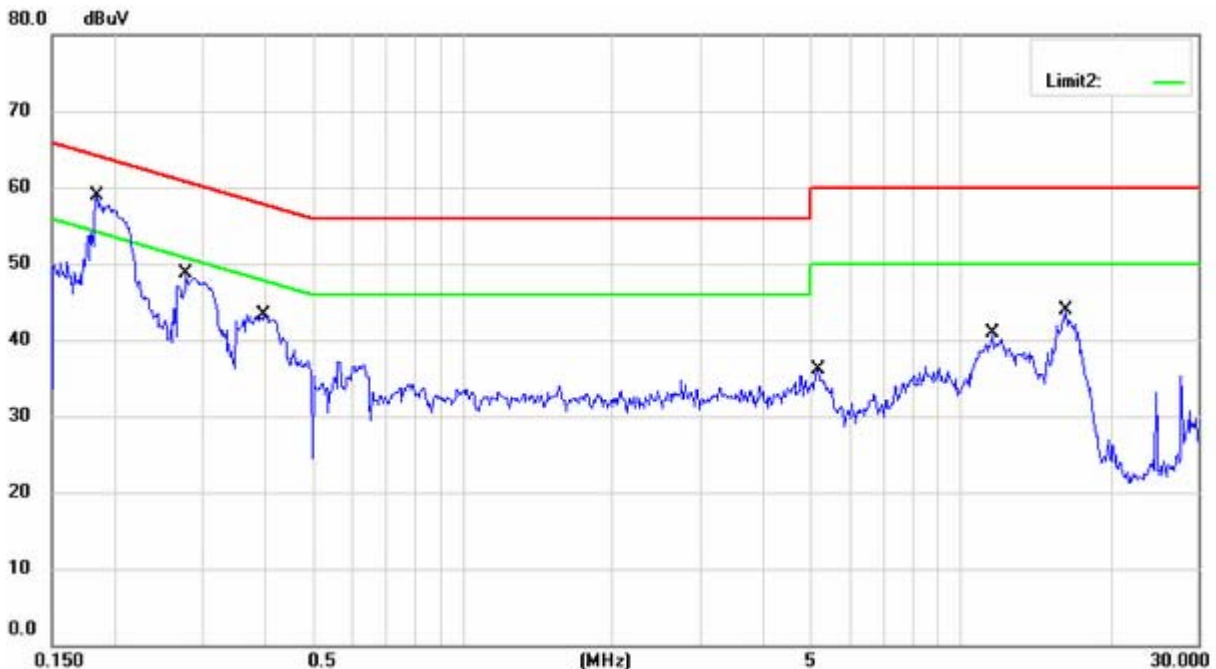


Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

Power Line Conducted Emission LISN N



LISN L1



Up Line: QP Limit Line
Down Line: Ave Limit Line

Note:

1. The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.
2. The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.
3. For corrected test results are listed in the relevant table of AC conducted test data of this test report.



Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M20812-9466-C-1
FCC ID: U6A-WU206N

The following model are declared by the applicant to be identical to the original tested model and hereby listed,

Brand Name	Product Name	Model
Amigo	11n USB Dongle	WU206n
CNet	Wireless-N USB Dongle	CWD-905
Sapido	Wireless N USB Adapter	AU-4512

Important Notice: The models listed above are supposed to be identical to the tested model no. WU206n. Any deviation to the original model will avoid the certification and shall be the full responsibility of the applicant.